Indian and Northern Affairs  Affaires indiennes et du Nord

| | |
|---|---|
| Well Name / Nom du puits: Decalta SOBC Gulf AmMin Johnson A-12 | Drilling Authority No. / Autorisation de forage n° 664 |
| Field/Area / Gisement/Région: Johnson River | Date Issued / Date d'émission: Feb. 2, 1973 |
| Location / Emplacement — Unit / Unité: A-12-63-40-124-00 — Section | Permit or Lease: 5518 |
| Latitude: 63°31'02" | Longitude: 124°02'15" |
| U.W.L.R. / N.R.U.E.P.: 63.51723 -- 124.03750 | |
| U.W.I. No. / N.I.P. No.: 300A126340124000 | |
| File Microfilmed | Rig. Release Date / Date de transfert de la tour de forage: 11-4-73 |
| Tour Sheets, Microfilmed | Status / Statut: Suspended |
| | Information Release Date / Date de publication autorisée des informations: 11-4-75 |

CHANGE OF NAME:
CHANGEMENT DE NOM:

Change of Location
Changement de emplacement

| INDEX | DATE RECEIVED / RECU LE | | INDEX |
|---|---|---|---|
| Application for a Drilling Authority | 09-02-73 | K | Demande d'autorisation de forage |
| Well Completion Data | 12-6-73 | K | Renseignements sur le forage d'un puits |
| Well History Report | 12-6-73 | K | Données chronologiques sur le puits |
| Application to Amend a Drilling Authority | 12-3-73 | K | Demande de modification d'une autorisation de forage |
| Application to Change a Well Name | | | Demande de changement du nom d'un puits |
| Application to Abandon a Well or Suspend Drilling | 4-5-73 | K | Demande d'abandon d'un puits ou de suspension du forage |
| Application to Alter Condition of a Well | | | Demande d'autorisation de modifier l'état d'un puits |
| Well History Supplement | | | Supplément aux données chronologiques sur le puits |
| Well Completion Data | | | Renseignements sur le forage d'un puits |
| Work-Over Report No. . . . . | | | Rapport de reconditionnement n° . . . . . |
| Application to Commingle Production before Measurement | | | Demande d'autorisation de mélanger la production avant jaugeage |
| Data for Back Pressure Test on Natural Gas Wells | | | Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode graphique n° 7 |
| Data for Back Pressure Test on Natural Gas Walls | | | Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode de Vitter |
| M.P.R. — Oil — Calculations | | | Calcul du T.M.P. (Taux maximal de production) de pétrole |
| New Oil Well Report | | | Rapport sur un nouveau puits de pétrole |
| New Gas Well Report | | | Rapport sur un nouveau puits de gaz naturel |
| Well Inspection Report | | | Rapport d'inspection de l'emplacement d'un puits |
| Rig Inspection Report | 29-3-73<br>15-3-73 | K | Rapport d'inspection d'une tour de forage |
| Battery Inspection Report | | | Rapport d'inspection d'une batterie de puits |
| Equipment Report | | | Rapport d'inspection des compteurs |
| Well Card | | | Fiche de puits |
| New Service Well Report | | | Rapport sur un nouveau puits de service |
| Strat Service Logs | | | Rapport mensuel des injections d'eau |
| Logs — Large scale | | | Diagrammes: Grande échelle |
| Logs — Small scale | | | Diagrammes: Petite échelle |

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
*MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN*

OIL & MINERAL DIVISION
*DIVISION DU PÉTROLE ET DES MINÉRAUX*

# WELL COMPLETION DATA
## *RENSEIGNEMENTS SUR LES FORAGES*

Drilling Authority No. *N° de l'autorisation de forage* 664

Date Issued *Date de délivrance* Feb. 2, 1973

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.
*À présenter en double dans les trente jours suivant l'achèvement, le remaniement, l'abandon et le reconditionnement de chaque puits, ou après suspension.*

| Well Name & No. – *Nom et n° du puits* | Permit No. – *N° de permis* | Lease No. – *N° de concession* |
|---|---|---|
| DECALTA SOBC GULF AmMIN JOHNSON A-12 | 5518 | |

| (Permittee, Licensee, Lessee) – *(Détenteur de permis ou de licence, du concessionnaire)* | Exploratory Licence No. – *N° de licence de sondage* |
|---|---|
| Gulf Oil Canada Limited, Amerada Minerals Corporation | 1530/1466 |
| (Operator) – *(Exécutant)* of Canada Ltd. | Exploratory Licence No. – *N° de licence de sondage* |
| Western Decalta Petroleum Limited | 1454 |

LOCATION – *EMPLACEMENT*

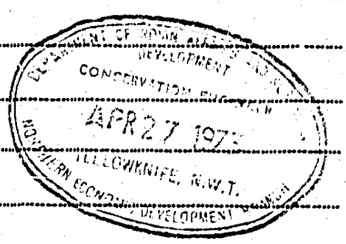
| Unit – *Unité* | Section | Grid – *Étendue quadrillée* | Latitude | Longitude |
|---|---|---|---|---|
| A | 12 | 63-40-124-00 | 63°31'02"N | 124°02'15"W |

| Unique Well Identifier – *Code d'ordinateur* | Universal Well Location Reference – *Références universelles d'emplacement du puits* |
|---|---|
| 300A1263401240000 | Lat. 63.51722°N. Long. 124.03750° W |

| | Date | Depth – *Profondeur* |
|---|---|---|
| Spudded *Début des travaux* | Mar. 9/73 2:00 PM | |
| Suspended *Suspension des travaux* | Apr11/73 | 4026' |
| Resumed Operations *Reprise des travaux* | | |
| Finished Drilling *Forage terminé* | Apr.1/73 | |
| Deepened *Approfondissement* | | |
| Complete (Gas/Oil) *Achèvement (Gaz/Pétrole)* | | |
| Abandoned *Abandon* | | |
| Rig Released *Fin des travaux* | Apr. 11/73 | 4026' |

Pool(s) *Gisement(s)*

Interval(s) Open to Production *Intervalle(s) de production*




Elevation: Gr. *Altitude du sol* 1833 K.B. *du carré d'entraînement* 1847

Rig No. *N° de la tour de forage* 2 Drilling Contractor *Entrepreneur en forage* Guthrie McLaren Drilling Ltd.

Contractor's Business Licence No. *N° du permis de l'entrepreneur* 0989

CASING RECORD – *TUBAGE*

| Casing Size (Inches) *Diamètre (en pouces)* | Grade *Qualité* | Weight *Poids* | Amount *Longeur* | Set at – *Fixation à* | Sacks of Cement and Additives *Sacs de ciment et d'additifs* |
|---|---|---|---|---|---|
| 1. 9-5/8 | K5 | 36 | 617.93' | 612' K.B. | 300 sx + 2% $CaCl_2$ |
| 2. 7 | K55 | 23 | 3909.35' | 3895.35 | 300 sx + 10 sx Fiberseal |
| 3. | | | | | |
| 4. 13 3/8" | | | | 50.85 K.B. | 100 sx + 2% $CaCl_2$ |
| 5. | | | | | |
| 6. | | | | | |

| Geological Tops *Sommet des formations* | Elevation – *Profondeur* Depths *Sous le niveau du sol* | Sub-Sea *Sous le niveau de la mer* |
|---|---|---|
| Imperial | surface | + 1833 |
| Canol | 2000 | - 153 |
| Kee Scarp | 2125 | - 278 |
| Hare Indian | 2206 | - 359 |
| Top of Fault Zone | 2418 | - 571 |
| Bottom of Fault Zone | 2570 | - 723 |
| Bottom of Report Sec. | 2730 | - 1883 |
| Hume | 3202 | - 1355 |
| Total Depth | 4026 | - 2179 |

Core Record – *Carottes*

| From – *de* | To – *à* | Rec. *Récupérés* | From – *de* | To – *à* | Rec. *Récup.* |
|---|---|---|---|---|---|
| 2156 | 2206 | 50 | | | |

Log Record – *Diagrammes*

| Run *Série* | Type of Log *Genre de diagramme* | From – *De* | To – *À* |
|---|---|---|---|
| | Schlumberger | | |
| 1 | Dual Induction-Laterolog | 3882 | 609 |
| 1 | Formation Density Log | 3884 | 1900 |
| 1 | Borehole Compensated Sonic Log | 3879 | 608 |

| CEMENTING RECORD (Plug, Squeeze, etc.) CIMENTATION (Bouchon, sous pression, etc.) | | | | PERFORATING RECORD (Bullet, Jet) PERFORATION (à balles, à jet) | | | | SERVICING RECORD (Acidizing, Fracing, etc.) ENTRETIEN (acidification, fracturation, etc.) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | From – de | To – à | Remarks – Remarques | Date | From – de | To – à | Remarks – Remarques | Date | From – de | To – à | Remarks – Remarques |
| | | | Suspended after setting casing. | | | | | | | | |

**DRILL STEM TESTS – *ESSAIS AUX TIGES***

| No. – N° | Date | Formation | From – de | To – à | V.O. Mins. Vanne ouverte (minutes) | I.S.I. Mins. Première obturation (minutes) | F.S.I. Mins. Obturation définitive (minutes) | I.S.I.B.H.P. Pression de fond à la 1re obturation | F.S.I.B.H.P. Pression de fond à l'obturation définitive | I.F.B.H.P. Pression de fond au jaillissement | F.F.B.H.P. Pression de fond à l'écoulement définitif | L.H.P. Pression hydrostatique de début | F.H.P. Pression hydrostatique définitif | Remarks – Remarques |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24/3/73 | Hume | 3215 | 3351 | 60 | 30 | 128 | 851 | 870 | 784 | 862 | 1526 | 1502 | 800' muddy sulphurous water<br>360' mud<br>645' clean sulphurous salt water. |
| | | | | | Pressures reported are Field Readings. | | | | | | | | | |

**ANALYSIS – *ANALYSE***

| Lab. No. N° de laboratoire | Sample Échantillon | From – de | To – à | Source | Remarks – Remarques |
|---|---|---|---|---|---|
| C73-6365-3 | Water & Muddy Water | 3215 | 3351 | DST #1 Hume Formation | Water Analysis |

**PRESENT STATUS OF WELL**
**ETAT ACTUEL DU PUITS**

Oil / Pétrole ..... (Interval) (Intervalle)

Gas / Gaz ..... (Interval) (Intervalle)

Dry / Sec .....

Susp. / Travaux sus. ..... Apr. 9, 1973

Company / Société ..... WESTERN DECALTA PETROLEUM LIMITED

Signed by / Signé par ..... A. M. PATTERSON

Title / Titre ..... Vice President Exploration

Date ..... April 23, 1973

Forms to be prepared in duplicate and forwarded to the District Conservation Engineer.

*Présenter les formules remplies à l'ingénieur en conservation du district.*

CANADA

File No. ....
Drilling Authority No. 664

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 27 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

# Application to ~~Abandon Well~~ Suspend Drilling

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

Name and number of well DECALTA SOBC GULF AmMIN JOHNSON A-12

Location: Unit A Section 12 Grid 63-40-124-00

Latitude 63°31'02"N Longitude 124°02'15"W

~~Projection Used Reference Meridian~~ Unique Well Identifier 300G606310122450

Universal Well Location Reference Lat. 63.51722°N 124.03750°W

Permit No. 5518 Lease No. -

Gulf Oil Canada Limited, Amerada Minerals Corporation of Canada Ltd.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program April 9, 1973

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

Oil at -

Gas at -

Water at 3210 - 3255

Total Depth 4026 Date of last operations April 13, 1973

Present condition of well Suspended at 4026' with 7" casing set at 3895' K.B.

## CASING RECORD

| | Casing Size O.D. Inches | Weight | Amount | Set At— | Sacks of Cement and Additives | Amount Pulled |
|---|---|---|---|---|---|---|
| 1. | 13-3/8" | 48 | 50.65 | 50.85 | 100 sax + 2% $CaCl_2$ | - |
| 2. | 9-5/8" | 36 | 617.93 | 612' | 300 sax + 2% $CaCl_2$ | - |
| 3. | 7" | 23 | 3909.35 | 3895.35 | 300 sax + 10 sax LCM | - |
| 4. | | | | | | |
| 5. | | | | | | |

## PROPOSED ABANDONMENT PROGRAM

| Plug No. | Plug Position | Geological Formation | Number of Sacks of Cement | Remarks |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

The following logs have been run DILL, BHCS, FDC.

Other operations proposed Re-enter to deepen next year.

Operations to be carried out by Guthrie McLaren Contractor Licence No. 0989

Address 14630 - 119 Avenue Address Edmonton, Alberta.

Responsible Agent in field Guthrie Toolpusher

Dated at Calgary, this 23 Day of April 19 73

Signed by [signature] Company Western Decalta Petroleum Limited

Title Vice President Exploration Operator's Exploratory Licence No. 1454

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

*(For OIL AND MINERAL DIVISION use only)*

## APPROVAL

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

Dated May 4, 19 73

[signature] Oil Conservation Engineer
for C. E. Blue

IAND 52-90 (S) (2-69)

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

CANADA

File No.
Drilling Authority No. 664

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

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

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

Name and number of well Decalta SOBC Gulf AmMin Johnson A-12

Location: Unit A Section 12 Grid 63-40-124-00

Latitude 63° 31' 02" N Longitude 124° 12' 15' W

Unique Well Identifier: 300G606310122450

Universal Well Location Reference Lat: 63.51722°N 124.03750°W

Permit No. 5518 Lease No. -

Gulf Oil Canada Ltd., Amerada Minerals Corp. of Canada Ltd.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program April 9, 1973

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

Oil at -

Gas at -

Water at 3210 - 3255

Total Depth 4026 Date of last operations April 13, 1973

Present condition of well Suspended

## CASING RECORD

| | Casing Size O.D. Inches | Weight | Amount | Set At— | Sacks of Cement and Additives | Amount Pulled |
|---|---|---|---|---|---|---|
| 1. | 13-3/8 | 48 | 50.85 | 50.85 | 100 sxs + 2% $CaCl_2$ | nil |
| 2. | 9-5/8 | 36 | 617.93 | 612 | 300 sxs + 2% $CaCl_2$ | nil |
| 3. | 7 | 23 | 3909.35 | 3895.35 | 300 sxs + 10 sxs LCM | nil |
| 4. | | | | | | |
| 5. | | | | | | |

## PROPOSED ABANDONMENT PROGRAM

| Plug No. | Plug Position | Geological Formation | Number of Sacks of Cement | Remarks |
|---|---|---|---|---|
| 1 | 3815' | 7" csg. cemented inside from 3895' - 3815' - float collar not drilled out. | | |
| 2 | 7" csg. cut off and steel plate welded on top of 7" csg. (Well suspended in April 1973 with intention of re-entering winter of 1974. Deepening no longer required by 1974.) | | | |

The following logs have been run DIL, BHCS, FDC

Other operations proposed Nil

Operations to be carried out by Guthrie-McLaren Contractor Licence No. 0989

Address 14630 - 119th Avenue Address Edmonton, Alberta

Responsible Agent in field Guthrie Toolpusher

Dated at Calgary, this 8 Day of March 19 74

Signed by [signature] Company Western Decalta Petroleum Limited

Title Chief Engineer Operator's Exploratory Licence No. 1454

**Note:—The Oil Conservation Engineer's office must be notified before work is commenced.**

*(For OIL AND MINERAL DIVISION use only)*

## APPROVAL

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

1. Install a well marker at least 3' above ground level with the well name on it.

Dated March 13, 1974 [signature]
Oil Conservation Engineer

IAND 52-90 (5) (2-69)

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

File No.....

Drilling Authority No.....

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

# Application to Amend a Drilling Authority

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

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 664, concerning Decalta SOBC Gulf AmMin Johnson A-12

63°40' N 124°00' W

(Name and Number of Well)

The following amendments are required:

Conductor pipe 13-3/8" 48# H40 set at 100' amended to read Conductor pipe 13-3/8" 48# H40 set at 30' cemented with 30 sax.

Verbal approval obtained from G. Blue, 10:50 A.M. March 7/73

Reasons for the amendments: Penetrated gravel at 20' and entered hard sandstone drilling exceptionally hard with Kelly and conductor pipe equipment, time involved to reach 100' would be prohibitive.

Dated at Calgary, this 7th day of March, 19 73

Signed by

Title Vice President - Production

Company Western Decalta Petroleum Limited

---

*(For Oil and Mineral Division use only)*

APPROVED

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

Date March 12, 19 73

Oil Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 9 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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

IAND 52-90-3 (9-69)

Drilling Authority No. 664

Project No.

File No.

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

# Application for a Drilling Authority

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

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

Name and number of well: Decalta SOBC Gulf AmMin Johnson A-12

Location: Unit: A Section: 12 Grid: 63-40 - 124-00

Latitude: 63°31'02" N Longitude: 124°02'15" W

Unique Well Identifier: 300A126340124000

Universal Well Location Reference: Lat. 63.51722°N., Long. 124.03750° W.

Elevation: Ground: 1819 K.B.: 1835 feet above sea-level.

Well is expected to produce from: Exploratory formation at a depth of about: feet. Expected total final depth: 5,150'

Area assigned to well: Exploratory

(for Oil Conservation Engineer's use only)

Permit No.: 5518 Lease No.: - Acreage: 56,996

Permittee, licensee, or lessee: Gulf Oil Can Ltd/Amerada Minerals Corp of Can Ltd

Exploratory Licence No.: 1530/1466

Surface owned by Crown or: Crown

Petroleum and natural-gas rights owned by: Crown (If allocated submit name and address of owner and occupant.)

We propose to use the following strings of casing, either cementing or landing them as indicated below:—

| | Casing Size O.D. (Inches) | Weight (Lb./Ft.) | Grade | New or Used | Estimated Depth | Sacks of Cement |
|---|---|---|---|---|---|---|
| 1. | 13-3/8 | 48 | H-40 | New | 100 | 95 |
| 2. | 9-5/8 | 36 | KS | New | 600 | 300 |
| 3. | | | | | | |
| 4. | Additional strings of casing are to be approved by the District | | | | | |
| 5. | Conservation Engineer. | | | | | |

o.k. M.K.E

Expected water, gas, and oil horizons and type of control equipment: Hydril & Shaffer 10", 900 BOPs

Well will be drilled with Rotary Rig No. 2 by Guthrie McLaren Drilling Ltd. (Drilling Contractor or company)

14630 - 119 Ave., Edmonton, Alberta T5L 2P2

Responsible agent of applicant:— Contractor's business Licence No. 0989

At well: Guthrie Toolpusher At registered office: W. G. Tyler

Address: Address: 630 - 6 Ave. S.W., Calgary, Alberta

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

Dated at Calgary, Alberta, this 30th day of January 19 73

Signed by: W. G. Tyler Company: Western Decalta Petroleum Limited

Title: Chief Engineer Operator's Licence No. 1454

*(For Oil and Mineral Division use only)*

**APPROVED**

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

The Conditions of Approval that are attached will affect your operations. Please read and post the Conditions of Approval at the drilling site.

Dated February 2 19 73 Oil Conservation Engineer

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

IAND 52-90-1 (3-69)

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 31 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

D.I.A.N.D. - CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 664

Well Bocalta SOBC Gulf AmMin Johnson A-12

1. Copies of this Drilling Authority, Conditions of Approval and Daily Drilling Report Preparation Requirements card, shall be posted in a conspicuous manner in both the doghouse and drilling foreman's or engineer's office between spud and rig release dates.

2. The company will submit to this office, on Tuesday morning of each week a day-by-day progress report summary on the well FOR THE PAST WEEK. (See daily drilling report preparation that is attached for pertinent details.).

3. All shows of oil and gas are to be reported to the District Conservation Engineer immediately.

4. When a fatal accident occurs the District Conservation Engineer is to be notified immediately and drilling activities must cease. Operations must not recommence until permission is granted by the District Conservation Engineer.

5. All waste material on and around the wellsite area shall be disposed of in a manner that will prevent pollution to adjacent areas. Refuse shall be burned and the residue shall be buried with an adequate cover of earth.

6. Forward to this office two (2) field prints of all well logs, copies of Core Analysis and Fluid Analysis as soon as they are available.

7. Prior approval from a District Conservation Engineer is required for any changes to the approved Drilling Authority.

8. You are required to notify the Yellowknife Office twenty-four (24) hours before spudding.

K. C. Blue

District Conservation Engineer,
Department of Indian Affairs and
Northern Development,
P.O. Box 1500,
Yellowknife, N.W.T.,
X0E 1H0

DECALTA SOBC GULF AmMIN JOHNSON A-12

GEOLOGICAL PROGNOSIS

A-12 of $63^{o}40'$ $124^{o}00'$

$63^{o}31'02"N$ $124^{o}02'15"W$

Grd. Elev. 1819' K.B. 1835' (est.)

To be drilled on SP 34 Line WD3

| Spud in Imperial Formation | Depth | Elev. |
|---|---|---|
| Kee Scarp | 2050 | - 215 |
| Hare Indian | 2600 | - 765 |
| Hume | 3130 | -1295 |
| Bear Rock | 3880 | -2045 |
| T.D. | 5150 | -3315 |

## Samples

Ten foot samples will be caught from grass roots to T.D.
One set of washed samples will be put in vials at the wellsite.
The remainder of the sample will be forwarded to the Geological Survey of Canada.

## Testing

All significant porosity will be evaluated. Water samples will be put in metal containers for subsequent benzene analysis.

## Coring

At least one core will be cut in the Kee Scarp interval when limestone (porous or not) is encountered.
If significant hydrocarbons are recovered on a test, a program of coring and testing will be commenced.

## Logging

The logging program will be decided at the appropriate time, but will consist at least of IES and BHCS logs.

## Reports

All reports will be sent to Decalta's Calgary office for distribution.
This is a 'TIGHT HOLE', all reports in code.

# DRILLING PROGRAM

## GUTHRIE McLAREN DRILLING LTD.

| | |
|---|---|
| WELL NAME: | Decalta SOBC Gulf AmMin Johnson A-12 |
| CO-ORDINATES: | 63°31'02" N 124°02'15" W |
| LOCATION: | Shot Point 34 on Line W.D. 3 |
| GROUND ELEVATION: | 1819' |
| KB ELEVATION: | 1835' (Estimated) |

DRILLING PROGRAM:

1. Drill 22 inch conductor hole dry with bucket to 100' and run 13-3/8", 48#, H-40 ST&C casing specially coated with Shaw Insul 8 plastic coating. Cement with 95 sacks of Halliburton Permafrost Cement. Head up after 16 hours and drill out after a minimum of 24 hours.

2. Spud with 12-1/4" bit and make 60' of hole below the bottom of conductor pipe. Pull out and stabilize as per Appendix I. Survey every 60' or every 30' if any survey reads over 3/4°. In the event hole deviation exceeds 3/4°, pilot with stabilized 8-3/4" bit to 600' and ream to 12-1/4" hole with 12-1/4" hole opener and side wall reamer. Ensure the bottom 100' of casing is set in a consolidated formation. Utilize a standard gel water system for surface hole.

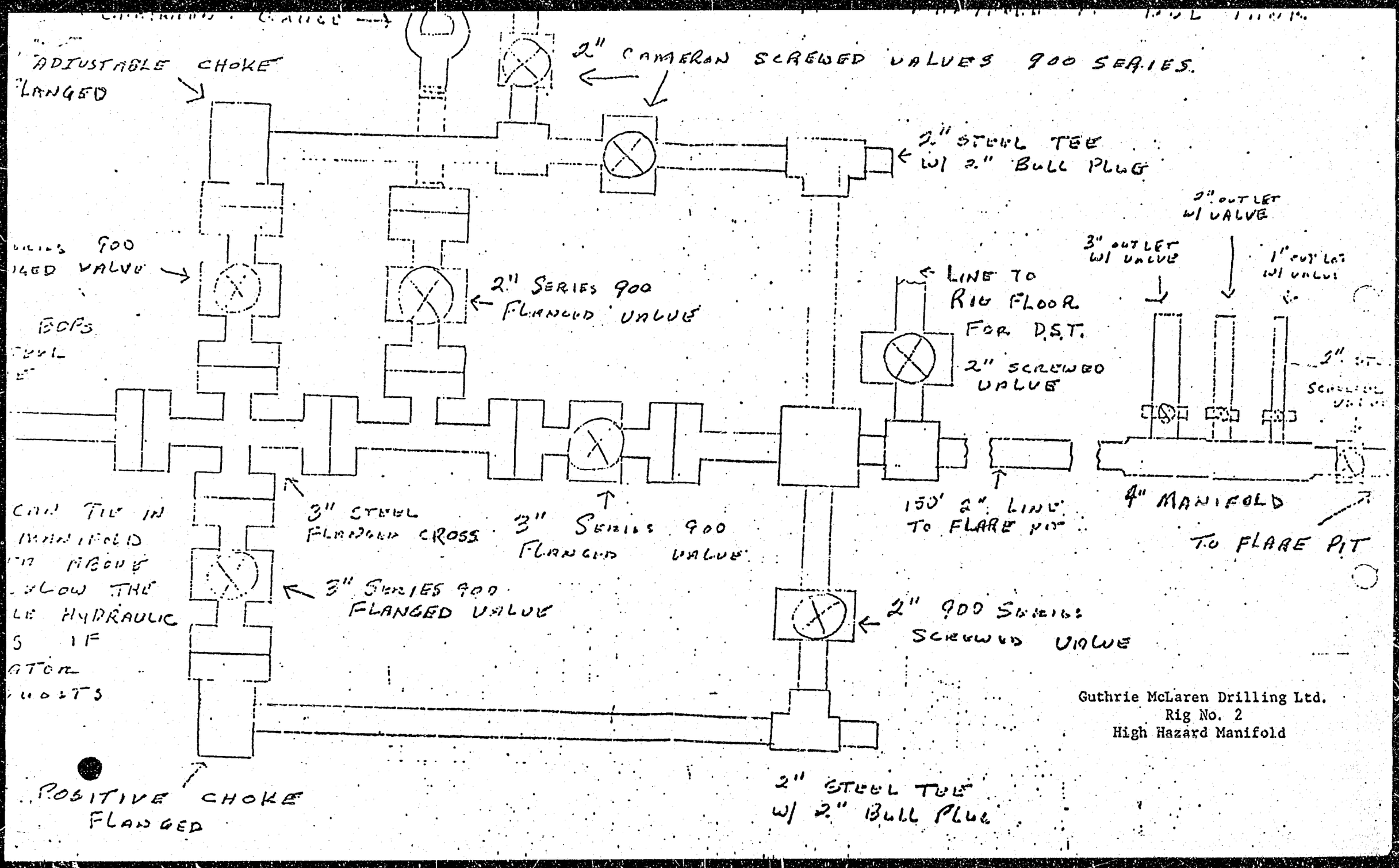
3. Run 600' of 9-5/8", 36#, K-55 ST&C casing equipped with guide shoe, float baffle and 2 centralizers on the bottom 2 joints. Cement with 380 sacks Portland cement + 2% $CaCl_2$. Ensure cement returns to surface. Allow a minimum of 24 hours WOC prior to drilling out.

4. Drill out with an 8-3/4" bit and make 200' of hole. Trip and add stabilization equipment as per Appendix II. Deviation is general in the Shale formations. Survey a minimum of every 150'. Utilize a low solids Benex mud system below surface and run desilter continuously to ensure mud weights below 8.6#/gal. If reef development is encountered in the Bear Rock formation, mud weights to 9.2 may be required. The Bear Rock is noted for Anhyrite development. Possible Reef development may also be encountered in the Kee Scarp.

5. Note complete hole erosion immediately above the Devonian Shale and throughout the Hare Indian Shale. Reduce bit weight to approximately 90 RPM. Survey every 60'. Use caution when making connections immediately below these zones.

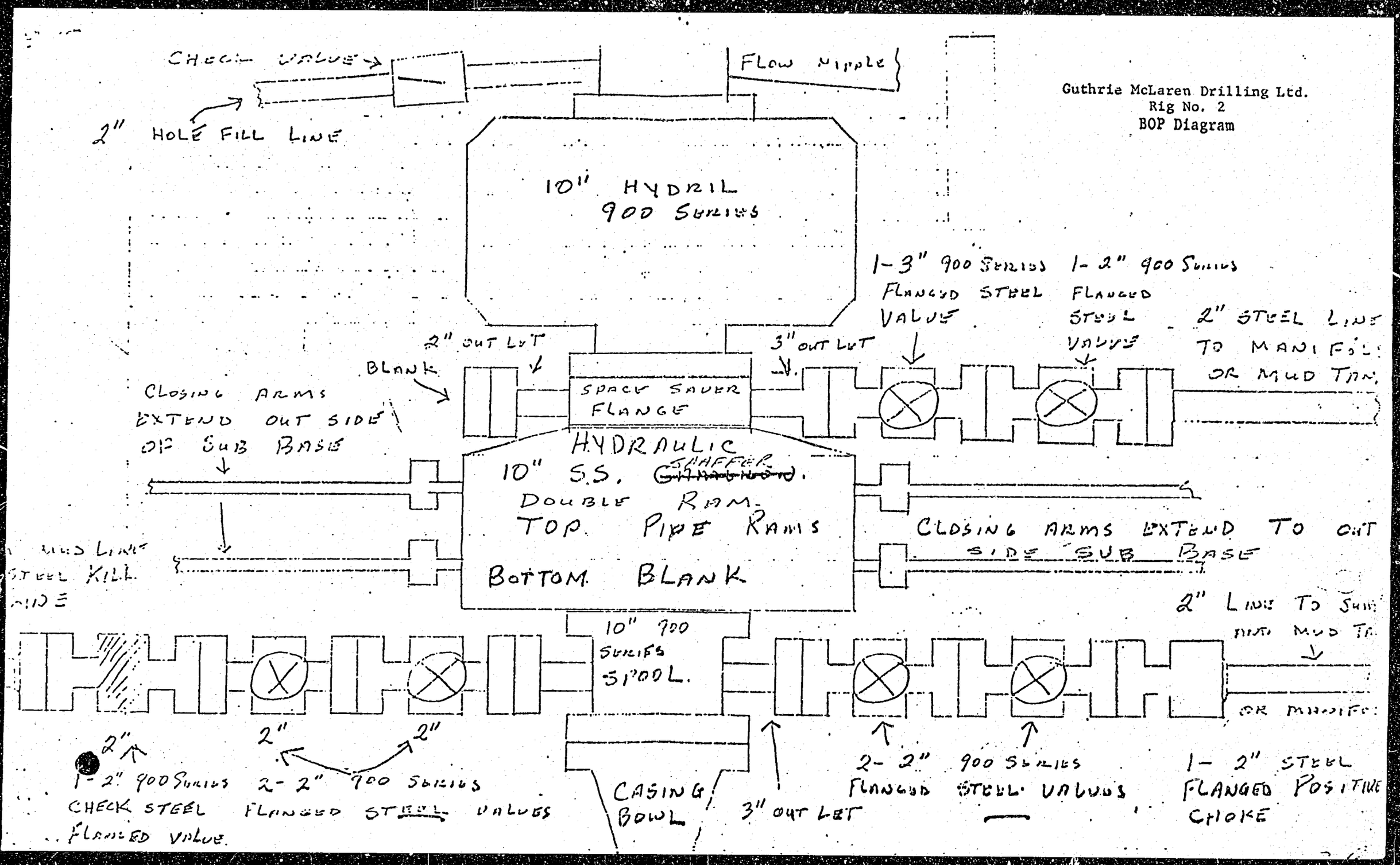
6. Upon reaching total depth, run IES and BHCS logs from total depth to the surface casing shoe. Detail over specific zones will be done at the request of Western Decalta's representative.

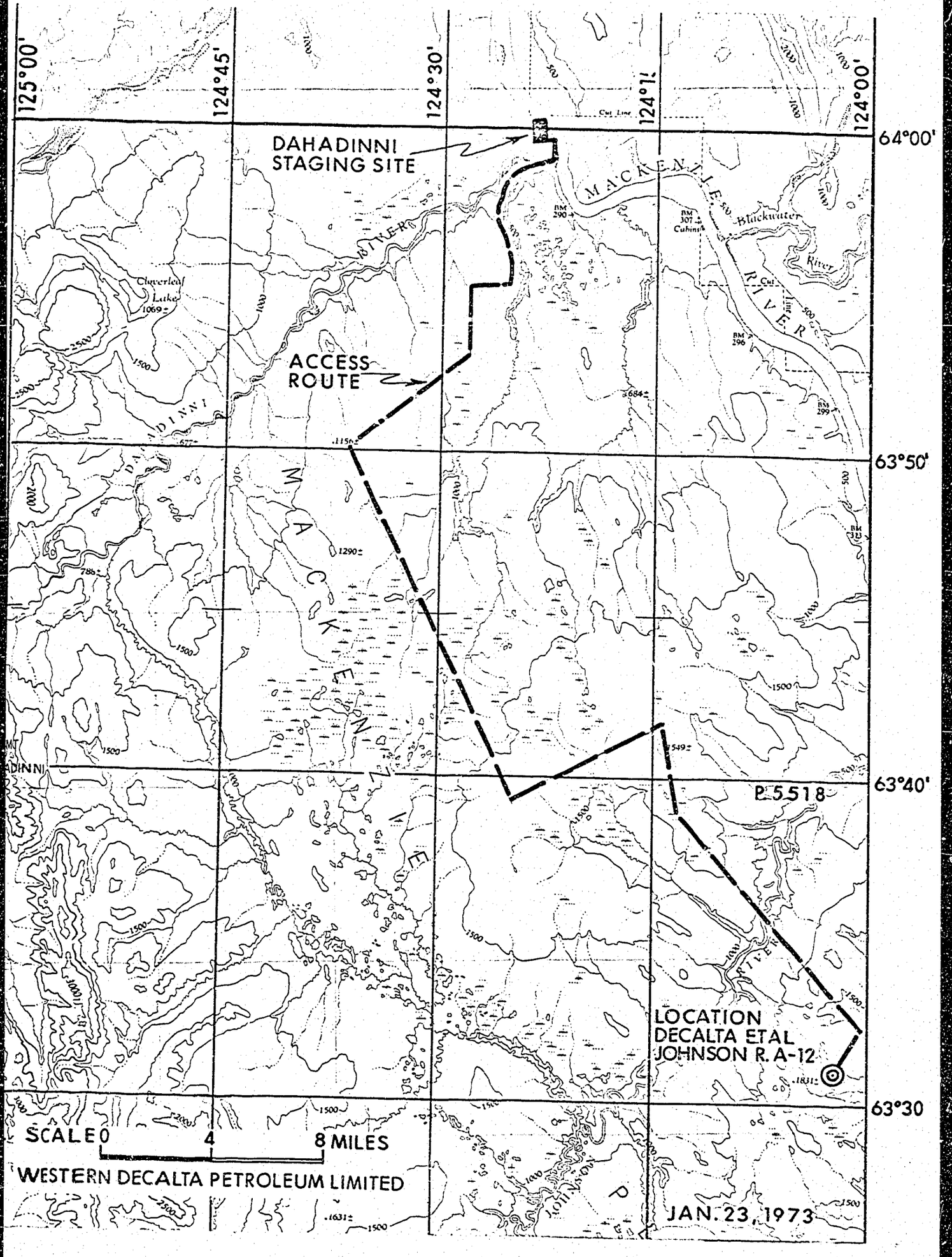
January 29, 1973




Guthrie McLaren Drilling Ltd.
Rig No. 2
High Hazard Manifold

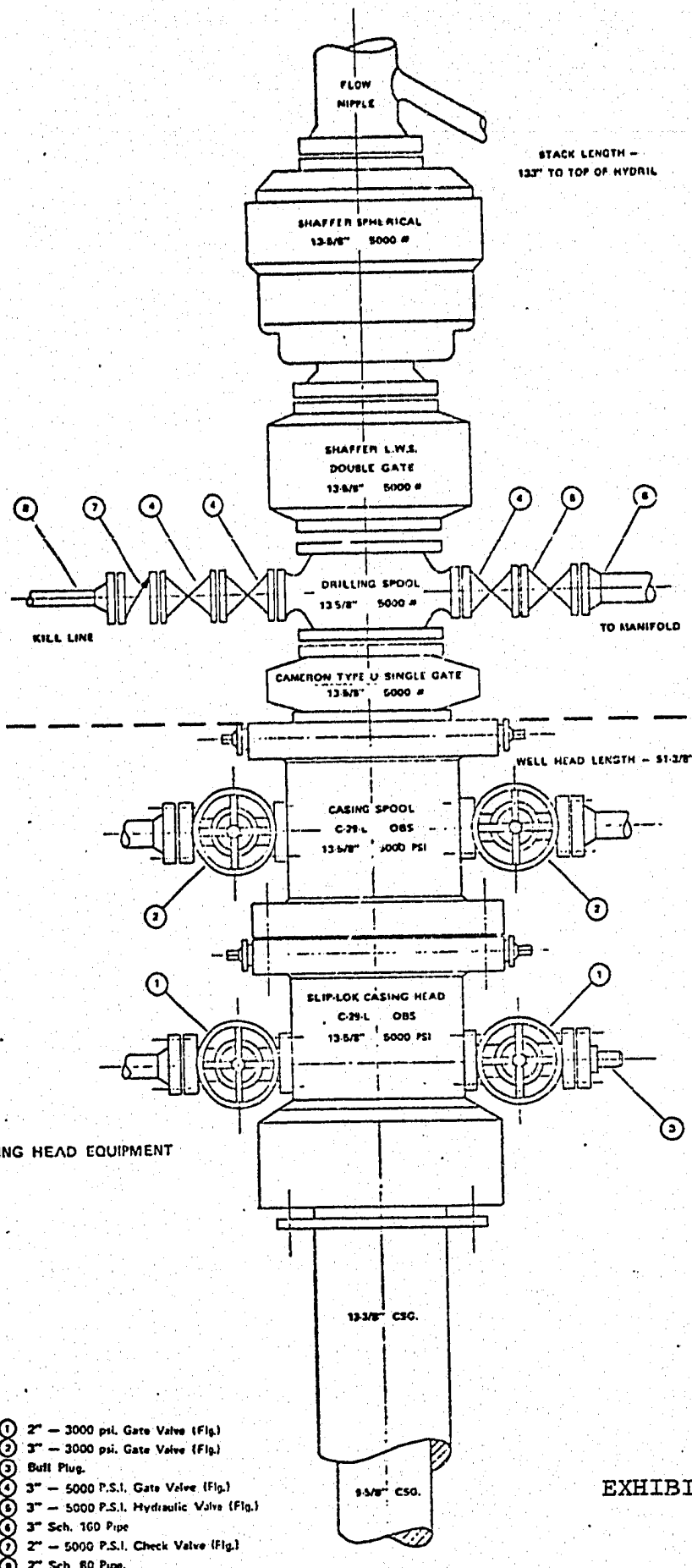
Guthrie McLaren Drilling Ltd.
Rig No. 2
BOP Diagram




125°00'
124°45'
124°30'
124°15'
124°00'
64°00'
63°50'
63°40'
63°30'
DAHADINNI STAGING SITE
ACCESS ROUTE
MACKENZIE
RIVER
Cloverleaf Lake
1069±
Blackwater River
Cut Line
BM 307± Cabins
BM 296
BM 290
684±
1156±
1290±
788±
1549±
P-5518
LOCATION
DECALTA ETAL
JOHNSON R. A-12
1831±
1631±
SCALE 0 4 8 MILES
WESTERN DECALTA PETROLEUM LIMITED
JAN. 23, 1973

B.O.P. STACK 5000' TO 13000'

ADECO RIG NO. 6

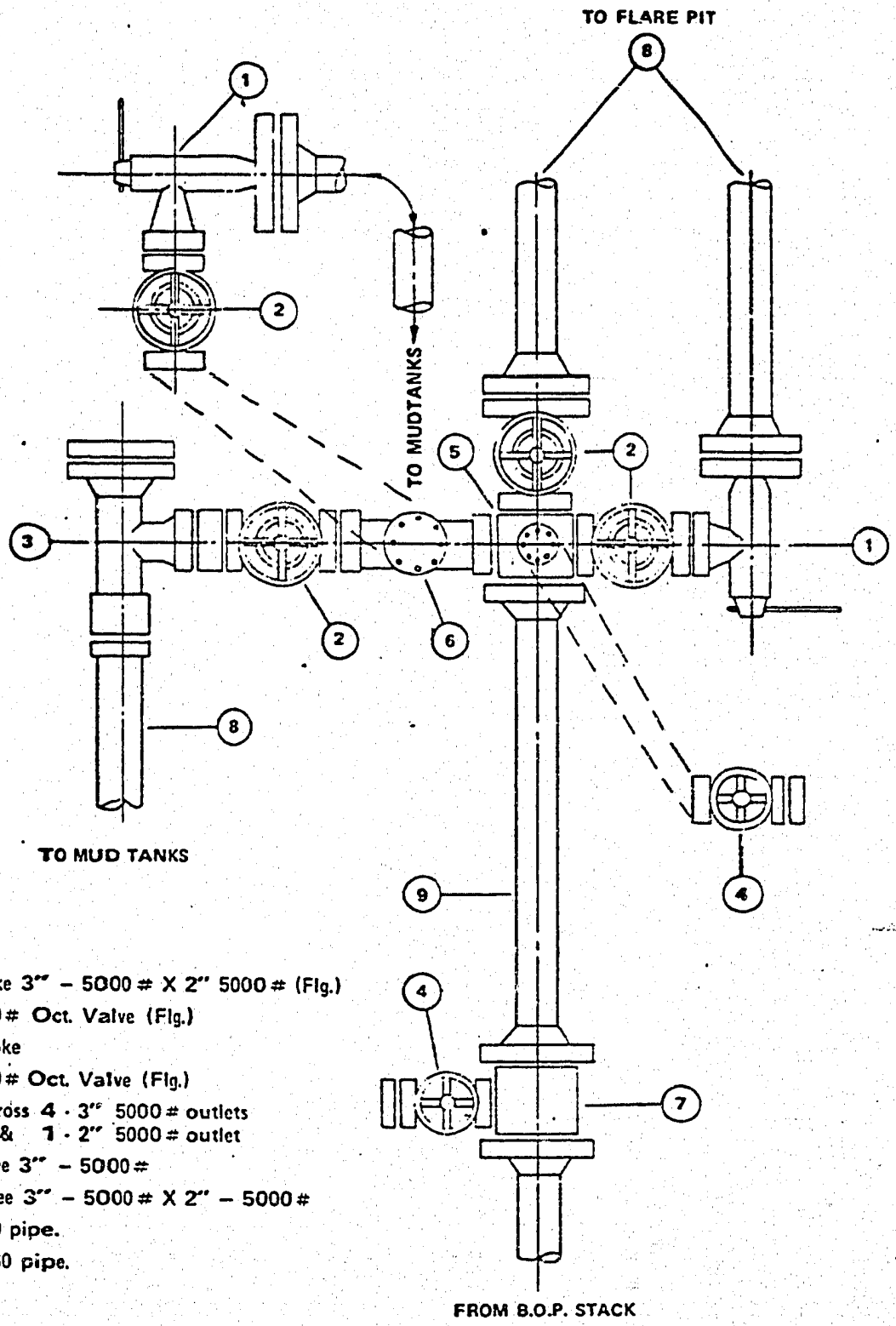



CASING HEAD EQUIPMENT

1. 2" — 3000 psi. Gate Valve (Flg.)
2. 3" — 3000 psi. Gate Valve (Flg.)
3. Bull Plug.
4. 3" — 5000 P.S.I. Gate Valve (Flg.)
5. 3" — 5000 P.S.I. Hydraulic Valve (Flg.)
6. 3" Sch. 160 Pipe
7. 2" — 5000 P.S.I. Check Valve (Flg.)
8. 2" Sch. 80 Pipe.

EXHIBIT NO. 4

# B.O.P. MANIFOLD




1. Willis Choke 3" – 5000 # X 2" 5000 # (Flg.)
2. 3" – 5000 # Oct. Valve (Flg.)
3. Swaco Choke
4. 2" – 5000 # Oct. Valve (Flg.)
5. Studded Cross 4 - 3" 5000 # outlets
   & 1 - 2" 5000 # outlet
6. Flanged Tee 3" – 5000 #
7. Studded Tee 3" – 5000 # X 2" – 5000 #
8. 3" Sch. 80 pipe.
9. 3" Sch. 160 pipe.

EXHIBIT No. 5

COMPANY GULF OIL CANADA LTD.

WELL GULF PARGO PCOC G-47

FIELD

LOCATION GRID 61-00 — 123°-30'

PROVINCE NWT

PRINCIPAL "d" EXPONENT BASED ON PIPE WORN DEPTH.

"d" EXPONENT 10 = $F_d$

MUD WEIGHT EQUIVALENT

30 40 50 60 70 80 90 100 200 3 9.0 9.5 10.0

0

1000

2000

3000

4000

5000

7000

8000

9000

10,000

11,000

12,000

MEASURED DEPTH (feet)

13 3/8" CASING

9 5/8" CASING

NORMAL TREND LINE

PREDICTED TREND LINE

ESTIMATED R.B.S.M.S.R.E.P. MUD WEIGHT

EXHIBIT NO. 6

KEUFFEL & ESSER CO. 47 0703

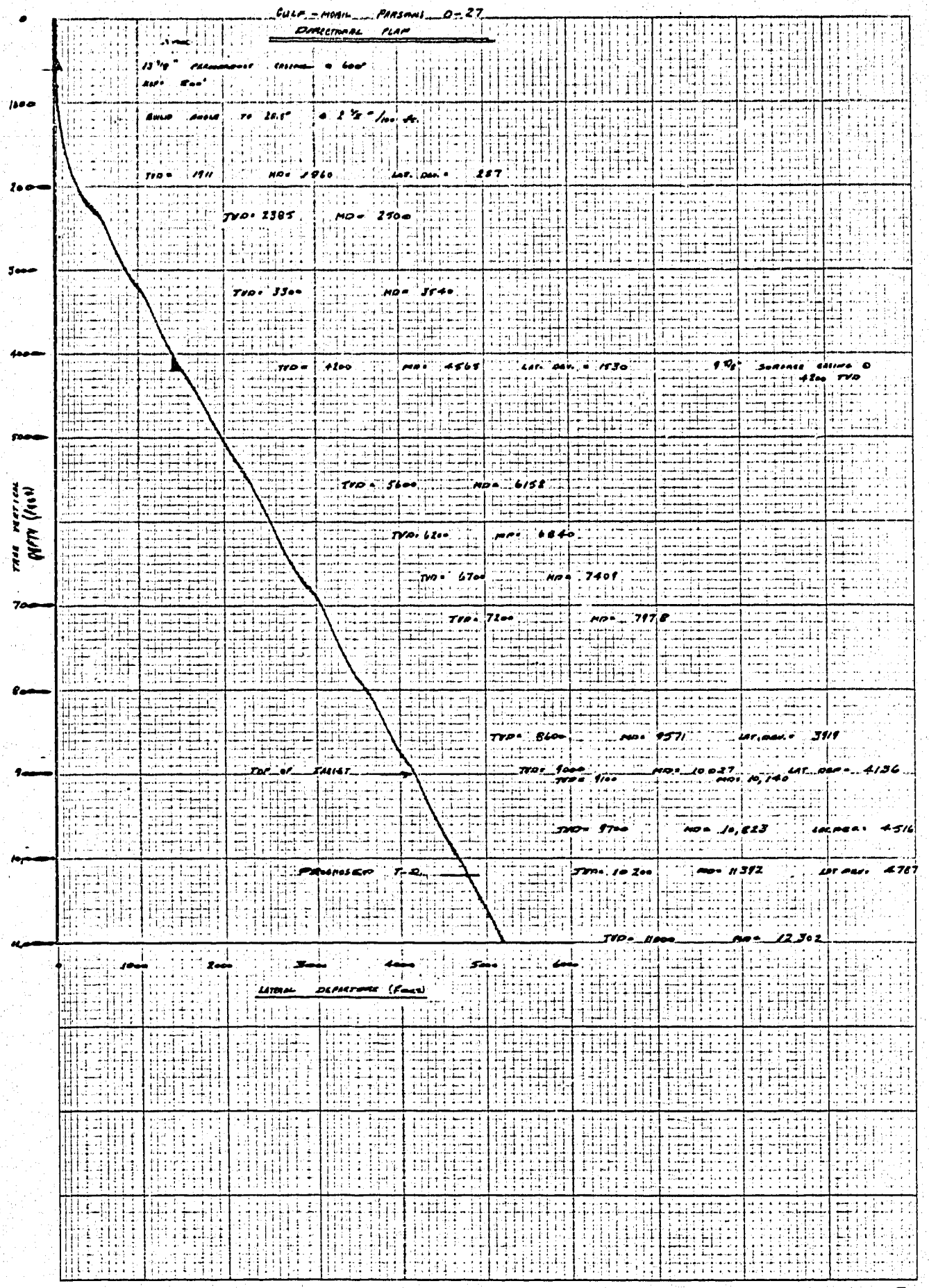



EXHIBIT No. 7

## SECTION IV - LOGS

### Schlumberger Logs

| TYPE OF LOG | FROM TO | DATE RUN |
|---|---|---|
| Dual Induction-Laterolog | 3882 - 609'KB | April 9, 1973 |
| Compensated Formation Density | 3884-1900'KB | April 9, 1973 |
| Borehole Compensated Sonic Log | 3879- 608'KB | April 9, 1973 |

CHEMICAL & GEOLOGICAL LABORATORIES LTD. WATER ANALYSIS Lab No. C73-6365-3

Received: April 2,1973 Reported: April 11,1973 Well: Location: Decalta Sour Gas Amoco Johnson A-12-63 40-124-00

Operator: WESTERN DECALTA PETROLEUM LIMITED Field or Area:

Elev.: K.B. Grd. Zone/Formation: Sample Interval 3215' - 3551'

Method of Production: D.S.T. #1 Sampled from: Top of Test Tool Sampled by: Lynes United Date: March 24, 1973

OTHER PERTINENT DATA

Recovered: 1805'

(Signed)

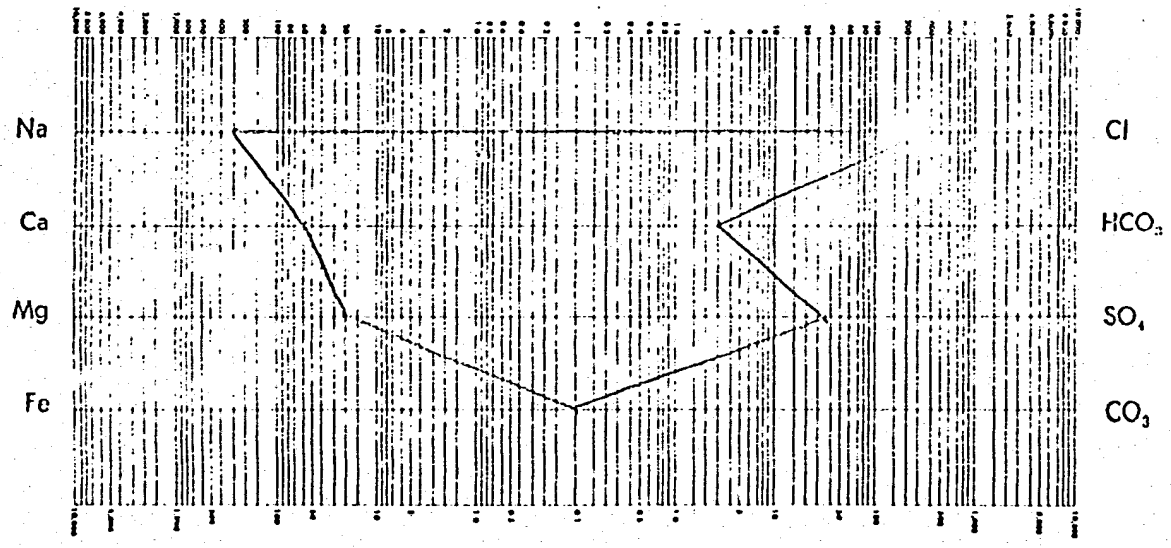
| | Na & K | | Ca | Mg | | | | | $SO_4$ | Cl | | | $CO_3$ | $HCO_3$ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mg./L | 7320 | | 1201 | 267 | | | | | 1812 | 12,750 | | | --- | 188 | | |
| Meq./L | 318.44 | | 59.93 | 21.95 | | | | | 37.69 | 359.55 | | | --- | 3.08 | | |
| Meq. % | 39.77 | | 7.49 | 2.74 | | | | | 4.71 | 44.91 | | | --- | 0.38 | | |

Total Solids Mg/L: By Evaporation 24,652 Fe Nil Specific Gravity 1.020 @60°F Observed pH 8.1 @ 75°F

Calculated 23,538 After Ignition 22,324 $H_2S$ Nil Refractive Index 1.3372 @25°C Resistivity 0.291 ohm meters @ 68°F

Organic matter - Present

Pattern Unit Meq./L




Remarks and Conclusions

Analysis determined on a clear colorless filtrate recovered from water containing approximately 10% sediment.

C73-6365-1: Top of Fluid. Resistivity determined on a light brown filtrate recovered from mud.

RESISTIVITY: 1.47 OHM meters at 68°F.

C73-6365-2: Middle of Fluid. Resistivity determined on a clear colorless filtrate recovered from water containing approximately 20% sediment.

RESISTIVITY: 0.301 OHM meters at 68°F.

## DISPOSITION OF DATA AND MATERIALS

| DATE SHIPPED | DESCRIPTION | INTERVALS | TO WHOM (NAME) | VIA |
|---|---|---|---|---|
| March 21/73 | 2 bags samples. | 60 - 2000 | The Institute of Sedimentary & Petroleum Geology | Normal Thursday flight and HanVold |
| March 21/73 | 2 bags unwashed samples. | 330-2400 | Chevron Standard Limited Attn. A.W. Moore | Normal Thursday flight & P. Collier |
| March 21/73 | 11 boxes core | 2156-2206 | A.M. Patterson, Western Decalta Petroleum Ltd. | Normal Thursday flight & P. Collier |
| March 21/73 | 1 Box (coin envelope samples | 330-2850 | Chevron Standard Limited | Normal Thursday flight & P. Collier |
| March 28/73 | 1 Box Water Samples (6) DST #1 | 3215-3351 | A.M. Patterson, Western Decalta Petroleum Ltd. | Normal Wednesday flight |
| March 28/73 | 1 bag samples | 2000-2800 | The Institute of Sedimentary & Petroleum Geology | Normal Wednesday flight |
| March 28/73 | 1 bag undried samples | 2400-3400 | Chevron Standard Limited Attn. A.W. Moore | Normal Wednesday flight |
| March 28/73 | 1 box sample vials<br>AmMin 3 flats<br>Decalta 7 flats | <br>2000-3500<br>60-3500 | A.M. Patterson, Western Decalta Petroleum Limited | Normal Wednesday flight |
| Apr.7/73 | 1 bag samples | 2800-3400 | The Institute of Sedimentary & Petroleum Geology | 204 to Edmonton - Guthrie's Charter |
| Apr.7/73 | 1 bag samples | 3400-4000 | The Institute of Sedimentary & Petroleum Geology | 204 (Guthrie Charter) to Calgary - Personal Delivery |
| Apr.7/73 | 1 bag samples | 3400-4000 | Attn. A.W. Moore Chevron Standard Limited | 204 (Guthrie Charter) to Calgary - Personal Delivery |
| Apr.7/73 | 1 box (coin envelopes) samples | 2850-4000 | A.M. Patterson, Western Decalta Petroleum Limited | 204 (Guthrie Charter) to Calgary - Personal Delivery to C. Goll |

| DATE SHIPPED | DESCRIPTION | INTERVALS | TO WHOM (NAME) | VIA |
|---|---|---|---|---|
| Apr.7/73 | 1 box Chevron - 8 flats | 60-4000 | A.M. Patterson, Western | 204 (Guthrie Charter) to |
| | Decalta - 1 flat | 3500-4000 | Decalta Petroleum Limited | Calgary - Personal Delivery |
| | AmMin - 1 fiat | 3500-4000 | | |
| Apr.7/73 | Log Films (All) | 3894-608 | C.Goll (delivered at wellsite) | |
| Apr.7/73 | 2 Field Prints of Logs | 3894-608 | C.Goll (delivered at wellsite) | |
| Apr.8/73 | 6 Field Prints of Logs | 3894-608 | Delivered to A.W. Patterson | Personally |

019-11-04-046

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
JUN 12 1973
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

# WELL HISTORY REPORT

on

DECALTA SOBC GULF AmMin JOHNSON A-12

63° 31' 02" North Latitude

124° 02' 15" West Longitude

NORTHWEST TERRITORIES

CANADA

Prepared for

WESTERN DECALTA PETROLEUM LIMITED

May 3, 1973

Submitted by

W.R. Smith, P.Eng.

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## SECTION 1 - SUMMARY OF WELL DATA

(a) WELL NAME AND NUMBER

DECALTA SOBC GULF AmMin JOHNSON A-12

(b) PERMITTEES

Gulf Oil Canada Limited
Amerada Minerals Corp. of Canada Ltd.

(c) NAME OF OPERATOR

Western Decalta Petroleum Limited
630 - 6th Avenue S.W., Calgary, Alberta

(d) LOCATION

Unit A, Section 12, Grid 63-40-124-00
63° 31' 02" North Latitude
124° 02' 15" West Longitude
Unique Well Identifier - 300A126340124000
Universal Well Location - Lat. 63.51722°N, Long. 124.03750°W

(e) CO-ORDINATES

Not Surveyed

(f) PERMIT NUMBER

5518

(g) DRILLING CONTRACTOR

Guthrie McLaren Drilling Ltd., Rig No. 2 - Ideco 711

(h) DRILLING AUTHORITY

No. 664 Date: February 2, 1973

(i) CLASSIFICATION

New Field Wildcat

(j) ELEVATIONS

Ground Elevation 1833' K.B. Elevation 1847'

(k) SPUDDED

March 9, 1973 - 2:00 PM

(l) COMPLETED DRILLING

April 1, 1973

(m) TOTAL DEPTH

4026' K.B.

(n) WELL STATUS

Suspended

(o) RIG RELEASE DATE

April 11, 1973

(p) HOLE SIZES

Surface to 614' K.B. 12 1/4"
614 to 4026' K.B. 8 3/4"

(q) CASING

(Surface) On March 13, 1973 ran surface casing, 19 joints, 9 5/8", 36#, K5, Sumitomo, 617.93' landed at 612 and cemented with 300 sacks plus 2% $CaCl_2$.

(Intermediate) On April 11, 1973, ran intermediate casing, 114 joints, 7", 23#, K-55, 8 Rd, 3909.35 landed at 3895.35' K.B. and cemented with 300 sacks plus 10 sacks of fiberseal, plug down at 12:30 AM and plate welded on top of casing.

GEOLOGIST: W.R. Smith

TOOLPUSHER: L. Sweezey

## SECTION II - GEOLOGICAL SUMMARY

### (a) FORMATION TOPS

| MARKER | DEPTH PROGNOSIS | ELEVATION PROGNOSIS | SAMPLE DEPTH | SAMPLE ELEVATIONS | E-LOG DEPTH | E-LOG ELEVATION |
|---|---|---|---|---|---|---|
| Imperial | Surface | +1819 | Surface | +1833 | | |
| Canol | - | - | 1917 | -70 | 2000 | -153 |
| Kee Scarp | 2050 | -215 | 2128 | -281 | 2125 | -278 |
| Hare Indian | 2600 | -765 | 2210 | -363 | 2206 | -359 |
| Top of Fault Zone | | | | | 2418 | -571 |
| Bottom of Fault Zone | | | | | 2570 | -723 |
| Bottom of Repeat Section | | | | | 2730 | -883 |
| Hume | 3130 | -1295 | 3202 | -1355 | 3202 | -1355 |
| Bear Rock | 3880 | -2045 | | | - | |
| TOTAL DEPTH | 5150 | -3315 | 4026 | -2179 | | |

(b) CORE INTERVALS

| CORE NUMBER | INTERVAL | FORMATION | RECOVERY |
|---|---|---|---|
| CORE NO.1 | 2156-2206 | Key Scarp | 50' |

## C. CORE DESCRIPTIONS

| | Porous | Non Porous | |
|---|---|---|---|
| 2156 - 2206' | | | Core No. 1<br>Recovered 50 ft.<br><br>Times: 13, 17, 14, 15, 15, 13, 8, 10, 13, 15, 16, 15, 16, 16, 15, 19, 9, 10, 12, 12, 15, 11, 12, 14, 13, 16, 15, 16, 12, 15, 17, 11, 12, 9, 11, 8, 7, 9, 10, 12, 12, 7, 9, 15, 14, 10, 9, 6, 10, 12. |
| 2156 - 2161.5 | | 5.5 | Shale - grey brown, medium hard, slightly calcareous, fossiliferous (brachiopods). |
| 2161.5 - 2165.5 | | 4.0 | Shale - grey brown, medium hard, slightly calcareous to calcareous, fossiliferous (crinoids) in Trace of Limestone - grey brown, medium hard, micrograined, trace pyrite. |
| 2165.5 - 2172.3 | | 6.8 | Shale - dark brown, medium hard, slightly calcareous, thin bedded, fossiliferous, bedding horizontal. |
| 2172.3 - 2176.1 | | 3.8 | Limestone - dark grey brown, medium hard, micrograined. |
| 2176.1 - 2184.5 | | 8.4 | Shale - dark grey, medium hard, slightly calcareous, thin bedded, fossiliferous, (tentaculitis), bedding horizontal, trace calcite crystals. |
| 2184.5 - 2203.4 | | 18.9 | Shale - dark grey brown and dark grey, medium hard, very fossiliferous (crinoids) (brachiopods), many crinoids infilled with calcite. |
| 2203.4 - 2206.2 | | 2.8 | Shale - dark grey, medium hard, slightly calcareous, massive, micromicaceous, fossiliferous. |

DECALTA SOBC GULF AmMin JOHNSON A-12

63° 31' 02" North Latitude

124° 02' 15" West Longitude

NORTHWEST TERRITORIES

CANADA

SAMPLE DESCRIPTIONS

50' - 4020' T.D.

## D. SAMPLE DESCRIPTIONS

Decalta SOBC Gulf AmMin Johnson A-12 - W.R. Smith

| INTERVAL | LITHOLOGY |
|---|---|
| | Note - Samples unlagged. |
| 50 - 60' | Shale - dark grey with green tint in part, silty in part, micromicaceous. Siltstone, grey to dark grey, medium to very hard, calcareous, siliceous in part, grading to Sandstone - grey, grey brown and dark grey, medium to very hard, poorly sorted, quartzose (sub-rounded grains), calcareous, siliceous in part, micaceous in part. |
| 60 - 80' | No samples caught. |
| 80 - 90' | Shale - grey to dark grey with green tint in part, micromicaceous, silty in part. Sand-stone - grey to dark grey, medium hard, very fine grained grading to siltstone, poor sort-ing, quartzose (subrounded grains), trace chert (rounded grains), micaceous, calcareous. |
| 90 - 110' | No samples caught. |
| 110 - 120' | Shale - grey to dark grey with green tint in part, medium hard, micromicaceous, silty in part. Sandstone - grey brown to dark grey, medium to very hard, very fine grained grading to siltstone, poor sorting, quartzose (rounded grains), chert (rounded grains), siliceous in small part, calcareous. |
| 120 - 140' | No samples caught. |
| 140 - 150' | Siltstone - light grey to grey, medium to very hard, siliceous in part, micromicaceous in part, calcareous, shaly in part. |
| 150 - 170' | No samples caught. |
| 170 - 180' | Siltstone - grey to dark grey, medium hard, slightly calcareous, micromicaceous, shaly in large part. |
| 180 - 200' | No samples caught. |

| | |
|---|---|
| 200 - 210' | Shale - grey to dark grey, medium hard, micromicaceous, silty in small part. |
| 210 - 230' | No samples caught. |
| 230 - 240' | Shale - dark grey, medium hard, micromicaceous, silty in small part. |
| 240 - 260' | No samples caught. |
| 260 - 270' | Shale - grey brown to dark grey, medium hard, micromicaceous, silty in part. |
| 270 - 290' | No samples caught. |
| 290 - 300' | Shale - dark grey to grey, medium hard, blocky in part, micromicaceous. Siltstone - grey brown to dark grey, medium hard, micromicaceous, slightly calcareous in part. |
| 300 - 320' | No samples caught. |
| 320 - 330' | Siltstone - grey to dark grey, slightly calcareous to very calcareous, micromicaceous, shaly in part. Shale - grey to dark grey, medium hard, micromicaceous, very slightly calcareous. |
| 330 - 370' | Siltstone - grey, medium hard, slightly to very calcareous, micromicaceous, shaly in part. Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcite vienlets. |
| 370 - 410' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part. Siltstone - grey to dark grey, medium, slightly calcareous, micromicaceous. |
| 410 - 440' | Siltstone - grey, medium hard, slightly calcareous to calcareous, micromicaceous. Shale - grey to dark grey, medium hard, micromicaceous, very slightly calcareous, silty in part, trace calcite vienlets. |
| 440 - 450' | Shale - dark grey to grey, medium hard, micromicaceous, very slightly calcareous, silty in part. Siltstone - grey, medium hard, slightly calcareous. |
| 450 - 530' | Shale - grey, medium hard, micromicaceous, very slightly calcareous, silty in part. Siltstone - grey, medium hard, micromicaceous, calcareous, trace calcite. |

| | |
|---|---|
| 530 - 540' | Shale - grey to dark grey, medium hard, fissile in small part, very slightly calcareous, micromicaceous, silty in large part. Siltstone - grey, medium hard, micromicaceous, slightly calcareous. |
| 540 - 600' | Shale - grey to dark grey, medium hard, micromicaceous, fissile in small part, silty in part, trace calcite vienlets. Siltstone - grey, medium hard, micromicaceous in part, calcareous. |
| 600 - 610' | Shale - grey, medium hard, micromicaceous, fissile in small part, silty in part. Limestone (trace) - grey, medium hard, cryptograined, argillaceous. |
| 610 - 680' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, fissile in small part. |
| 680 - 730' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, fissile in small part. |
| 730 - 740' | Shale - grey, medium hard, micromicaceous, silty in large part. |
| 740 - 750' | Shale - grey, medium hard, micromicaceous, silty in part. |
| 750 - 760' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcite (trace) vienlets. |
| 760 - 800' | Shale - grey to dark grey, medium hard, micromicaceous, very slightly calcareous, very slightly silty. |
| 800 - 810' | Shale - grey to dark grey, medium hard, micromicaceous, fissile in small part, silty in part. |
| 810 - 830' | Shale - grey, medium hard, micromicaceous, fissile in part, silty in part, trace of carbonaceous parting. |
| 830 - 860' | Shale - grey, medium hard, micromicaceous, fissile in part, silty in small part. |
| 860 - 900' | Shale - grey, medium hard, micromicaceous, silty in part, fissile in part, trace carbonaceous partings. |

| | |
|---|---|
| 900 - 910' | Shale - grey to dark grey, medium hard, micromicaceous, platy in part. Siltstone - grey, medium hard, micromicaceous. |
| 910 - 920' | Shale - grey to dark grey, medium hard, micromicaceous, silty in small part. |
| 920 - 930' | Shale - grey to dark grey, medium hard, micromicaceous. |
| 930 - 1000' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, fissile in small part. |
| 1000 - 1030' | Shale - grey, medium hard, micromicaceous, silty in part, fissile in small part. |
| 1030 - 1100' | Shale - grey to dark grey, medium hard, micromicaceous. Siltstone - grey, medium hard, micromicaceous, slightly calcareous to calcareous. |
| 1100 - 1160' | Shale - grey to grey brown, medium hard, micromicaceous. Siltstone - grey and grey brown, medium hard, calcareous, micromicaceous. Trace Limestone - brown, micrograined, medium hard, silty, trace calcite. |
| 1160 - 1180' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcareous in small part. |
| 1180 - 1220' | Shale - grey, medium hard, micromicaceous. Siltstone - grey, medium hard, micromicaceous, calcareous to slightly calcareous. |
| 1220 - 1370' | Shale - grey, medium hard, micromicaceous. Siltstone - grey, medium hard, micromicaceous, slightly calcareous to calcareous. |
| 1370 - 1470' | Shale - grey and grey brown, micromicaceous, silty in small part, slightly calcareous in small part. |
| 1470 - 1500' | Shale - grey to dark grey, medium hard, micromicaceous, silty in small part, slightly calcareous. |
| 1500 - 1530' | Shale - grey brown to dark grey, medium hard, micromicaceous, silty in part, calcareous in part. |

| | |
|---|---|
| 1530 - 1540' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcareous in part, trace calcite vienlets. |
| 1540 - 1550' | Shale - grey to dark grey and grey brown, medium hard, micromicaceous, silty in small part, slightly calcareous, splintery in small part. |
| 1550 - 1560' | Siltstone - grey, medium hard, micromicaceous, calcareous. Shale - grey to dark grey, medium hard, micromicaceous. |
| 1560 - 1580' | Shale - grey to dark grey, medium hard, micromicaceous, fissile in part, calcareous. Siltstone - grey, medium hard, micromicaceous, calcareous, trace of calcite crystals. |
| 1580 - 1600' | Shale - grey to dark grey, medium hard, silty in small part, micromicaceous, very slightly calcareous. |
| 1600 - 1610' | Shale - grey, medium hard, micromicaceous, slightly calcareous. |
| 1610 - 1640' | Shale - grey to dark grey, medium hard, micromicaceous, slightly calcareous, silty in part. |
| 1640 - 1670' | Shale - grey to dark grey, medium hard, micromicaceous, slightly calcareous, trace calcite crystals. |
| 1670 - 1710' | Shale - grey to dark grey, medium hard, micromicaceous, trace calcite crystals. |
| 1710 - 1840' | Shale - grey to dark grey, medium hard, micromicaceous in part, fissile, splintery, mottling common, platy in part, trace slickensiding. |
| 1840 - 1870' | Shale - grey to black, medium hard, fissile in part, micromicaceous, platy, mottled in part, trace slickensiding. |
| 1870 - 1890' | Shale - grey to dark grey, medium hard, micromicaceous, mottled in part, fissile in part. |
| 1890 - 1910' | Shale - grey, medium hard, micromicaceous, fissile in part, trace mottling. |
| 1910 - 1920' | Shale - grey, medium hard, micromicaceous, silty in in small part, fissile in part, slightly calcareous in part, trace of mottling. |

1920 - 1930' Shale - grey to dark grey, medium hard, micromicaceous in part, fissile in part. Shale (trace) - dark brown, very hard, very slightly calcareous, siliceous.

1930 - 1940' Shale - grey to dark grey and black, medium hard, fissile in part, blocky in part, trace slickensiding, trace Coal - black, good lustre. Trace Shale - dark brown, very hard, very slightly calcareous, pyritic, siliceous in part.

1940 - 1960' Shale - grey to black, medium hard, fissile in part, blocky in part.

1960 - 1970' Shale - grey brown to dark brown, very hard, siliceous, slightly calcareous, trace calcite vienlets. Trace Siltstone - dark brown, very hard, dolomitic. Shale - dark brown to black, medium hard, fissile.

1970 - 1990' Shale - grey to black, medium to very hard, fissile, siliceous in small part. Trace Siltstone - grey to dark brown, very hard, dolomitic.

1990 - 2010' Shale - black, medium hard, fissile, waxy, brown streak, micromicaceous, trace pyrite. Trace Siltstone - grey to dark brown, very hard, dolomitic.

Samples lagged 1 minute per 100' of depth below 2000' KB.

2010 - 2050' Shale - black to grey, medium hard, fissile, waxy, brown streak, slightly bituminous, pyritic.

2050 - 2070' Shale - black and dark brown, medium to very hard, siliceous in part, silty in part, micromicaceous, slightly calcareous, trace of calcite crystals, trace slickensiding, trace pyrite, bituminous.

2070 - 2120' Shale - black, medium to very hard, micromicaceous, siliceous in part, very slightly dolomitic, trace calcite crystals, pyrite common, bituminous, trace chert - milky and smoky.

2120 - 2130' Limestone - buff to grey and dark brown, medium hard, crypto to micrograined, slightly argillaceous, earthy in part, remainder dense, calcite crystals common.

| | |
|---|---|
| 2130 - 2156' | Limestone - buff to dark brown, medium hard, micro to fine grained, very slightly argillaceous in part, fossil fragments (crinoids) (brachiopods), calcite crystals. |
| 2156 - 2206.2 | Core No. 1 - See "C. CORE DESCRIPTION" |
| 2206 - 2230' | Shale - light to dark grey, medium hard, micromicaceous, calcareous pyritic. |
| 2230 - 2250' | Shale - light (green tinge) to dark grey, medium hard, micromicaceous, silty in small part, slightly calcareous to calcareous, trace of calcite crystals. |
| 2250 - 2270' | Shale - light grey to grey, medium hard, silty in small part, micromicaceous, slightly calcareous, trace calcite crystals, trace fossils. |
| 2270 - 2310' | Shale - light grey to grey brown, medium hard, micromicaceous, silty in part, slightly calcareous to calcareous, trace fossils, trace calcite crystals. |
| 2310 - 2330' | Shale - light grey to grey, medium hard, micromicaceous, silty in small part, slightly calcareous to calcareous, trace pyrite. |
| 2330 - 2400' | Shale - light grey to grey, medium hard, micromicaceous, silty in part, calcareous, trace calcite crystals. |
| 2400 - 2420' | Shale - grey, medium hard, micromicaceous, slightly calcareous, silty in part, calcite crystals common. |
| 2420 - 2430' | Shale - grey to dark grey, medium hard, micromicaceous in part, calcareous in part, abundant calcite and quartz--some as fine viens, very rough drilling started at 2419, trace of chert (grain) - light yellow, coarse, rounded, frosted, slickensiding common. |
| 2430 - 2450' | Shale - grey and grey green to dark grey, medium hard, splintery, fissile in part, (may be caving brought down by rough drilling). Shale - grey, medium to very hard, siliceous in small part, calcite vien filling and crystals common. |

| | |
|---|---|
| 2450 - 2540' | Shale - grey, medium hard, micromicaceous, fissile in small part, silty in part, slightly calcareous, calcite crystals and vienlets, trace pyrite. |
| 2540 - 2560 | Shale - grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, calcite crystals and as vien filling, secondary anhydrite - white, microcrystalline. |
| 2560 - 2600' | Shale - grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, calcite crystals and as viens, secondary anhydrite - white, microcrystalline. Shale - grey to black, medium hard, micromicaceous in part, splintery, may be cavings. |
| 2600 - 2640' | Shale - grey to dark grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, calcite and secondary anhydrite - white, crypto crystalline. |
| 2640 - 2660' | Shale - grey to dark grey, medium hard, micromicaceous in part, silty in small part, calcareous in part, trace of calcite. |
| 2660 - 2720' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcareous to slightly calcareous, trace fossils, calcite. |
| 2720 - 2750' | Shale - grey to dark grey, medium hard, silty in small part, calcareous in part, slightly calcareous in part, micromicaceous, splintery in part, calcite crystals. |
| 2750 - 2770' | Shale - grey, medium hard, micromicaceous in part, silty in part, fossil fragments. |
| 2770 - 2780' | Shale - grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, trace calcite crystals. |
| 2780 - 2790' | Shale - grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, trace of calcite and gypsum. |
| 2790 - 2850' | Shale - grey, medium hard, micromicaceous in part, silty in part, slightly calcareous, trace of calcite, trace slickensiding. |
| 2850 - 2870' | Shale - grey, medium hard, micromicaceous, silty in small part, slightly calcareous, trace calcite. |

| | |
|---|---|
| 2870 - 3000' | Shale - grey to dark grey, medium hard, silty in small part, slightly calcareous in small part, trace calcite. |
| 3000 - 3050' | Shale - grey to dark grey, medium hard, micromicaceous in part, silty in part. |
| 3050 - 3090' | Shale - grey to dark grey, medium hard, micromicaceous, silty in part, calcareous in small part, trace of calcite crystals. |
| 3090 - 3140' | Shale - dark grey to grey, medium hard, micromicaceous, silty in part. |
| 3140 - 3180' | Shale - dark grey to grey, medium hard, micromicaceous. Shale - black, medium hard, micromicaceous, brown streak, bituminous, fissile. |
| 3180 - 3200' | Shale - black to grey, medium hard, micromicaceous, fissile in part, brown streak in part, bituminous in part, pyrite, trace calcite, trace secondary anhydrite. |
| 3200 - 3220' | Shale - black, medium hard, micromicaceous, slightly calcareous, bituminous. Limestone - buff to grey and black, medium hard, fine to coarse grained, slightly argillaceous in part, fossil fragments abundant, calcite viens common, trace pyrite. |
| 3220 - 3230' | Limestone - buff to dark brown, medium hard, micro to medium grained, slightly argillaceous, fossil fragments, calcite crystals common, some open crystals, trace of fair intercrystalline porosity, no fluorescence in chlorothene, pyrobitumen in part (staining). |
| 3230 - 3240' | Limestone - buff to dark brown, medium hard, micro to fine grained, slightly argillaceous in part, calcite crystals common, good to excellent intercrystalline porosity in 5% of sample, no fluorescence in chlorothene, remainder tight. |
| 3240 - 3255' | Limestone - buff to dark brown, medium hard, micro to fine grained, slightly argillaceous in part, calcite crystals common, poor to fair intercrystalline porosity in 1% of sample, no fluorescence in chlorothene. |
| 3255 - 3300' | Limestone - buff to dark brown, medium hard, micro to fine grained, calcite crystals common. |

| | |
|---|---|
| 3300 - 3350' | Limestone - buff to black, medium hard, crypto-grained to fine grained, obscure pelletoidal in part, earthy in part, calcite common. |
| 3350 - 3360' | Limestone - dark brown to black, medium hard, micro to fine grained, slightly argillaceous in part, calcite viens and crystals common, fossil fragments. |
| 3360 - 3370' | Limestone - buff to dark brown, medium hard, crypto to micrograined, slightly argillaceous, calcite vienlets and crystals. |
| 3370 - 3400' | Limestone - buff to dark brown and black, medium hard, crypto to fine grained, slightly argillaceous, calcite crystals and viens, fossil fragments. |
| 3400 - 3420' | Limestone - buff to black, medium hard, crypto to fine grained, very slightly argillaceous, obscure pelletoidal, calcite crystals and viens, pyrobitumen (trace), trace of siltiness. |
| 3420 - 3460' | Limestone - buff to dark brown and black, medium hard, crypto to micrograined, very slightly argillaceous, calcite viens and crystals, fossil fragments. |
| 3460 - 3480' | Limestone - buff to dark brown and black, medium hard, crypto to fine grained, calcite viens and crystals, obscure pellets, fossil fragments. |
| 3480 - 3500' | Limestone - buff to dark brown, medium hard, micro to fine grained, very slightly argillaceous, trace of pellets, lump texture in part, calcite crystals, fossil fragments. |
| 3500 - 3520' | Limestone - buff to dark brown, medium hard, micrograined, silty in part, calcite common as viens and crystals, trace pyrobitumen. |
| 3520 - 3530' | Limestone - buff to dark brown and black, medium hard, micro to fine grained, silty in part, very slightly argillaceous, pelletoidal in part, slightly dolomitic in part, calcite viens and crystals common, some open faced crystals, fossil fragments. |
| 3530 - 3550' | Limestone - buff to dark brown and black, medium hard to soft, crypto to micrograined, silty in small part, slightly argillaceous in part, earthy in part, pelletoidal in part, |

calcite crystals and viens common, trace of poor intercrystalline porosity, no staining, fossil fragments.

3550 - 3560' Limestone - buff to dark brown, medium hard, micro to fine grained, silty in very small part, pelletoidal in part, calcite crystals and viens, trace poor vugular porosity, no staining, trace pyrobitumen, fossil fragments.

3560 - 3580' Limestone - buff to dark brown, medium hard, micro to fine grained, obscure pelletoidal in part, sparse calcite crystals, trace slickensiding, fossil fragments.

3580 - 3590' Limestone - buff to dark brown, medium hard to soft, micro to medium grained, lump texture in large part, chalky in small part, much fossil debris, calcite crystals, trace slickensiding.

3590 - 3600' Limestone - brown to dark brown and black, medium to very hard, crypto to micrograined, very slightly argillaceous, silty in part, calcite crystals, trip sample.

3600 - 3640' Limestone - light to dark brown and black, medium hard, micro to fine grained, slightly argillaceous, silty in part, calcite crystals, fossil fragments, trace of slickensiding.

3640 - 3650' Limestone - light brown and grey, medium hard, crypto to micrograined, slightly argillaceous in part, silty in large part, calcite crystals and viens common, fossil fragments.

3650 - 3660' No samples - lost circulation.

3660 - 3670' Limestone - buff to dark brown and dark grey, medium hard, crypto to micrograined, very slightly argillaceous, silty in part, calcite crystals.

3670 - 3690' Limestone - buff to dark brown and black, medium hard, crypto to fine grained, argillaceous in part, shaly in part, calcite crystals, trace fossil fragments.

3690 - 3710' Limestone - buff to dark brown and black, medium hard, crypto to micrograined, argillaceous in part, slightly silty in part, calcite crystals, very poor sample.

| | |
|---|---|
| 3710 - 3720' | Limestone - buff to black, medium to very hard, crypto to fine grained, argillaceous in part, shaly in part, silty in part, obscure pelletoidal, calcite crystals, trace pyrobitumen, poor sample. |
| 3720 - 3740' | Limestone - buff to black (white specks in part), medium hard, micro to fine grained, argillaceous in part, shaly in part, calcite viens and crystals, fossil fragments. |
| 3740 - 3760' | Limestone - buff to dark brown and black, medium hard, micrograined, argillaceous in part, calcite crystals. Shale - black, soft, brown streak, calcareous, trace slickensiding. |
| 3760 - 3770' | Limestone - buff to dark brown and black, medium to very hard, crypto to micrograined, siliceous in small part, calcite crystals and viens. |
| 3770 - 3780' | Limestone - buff to dark brown, medium hard, crypto to fine grained, slightly argillaceous, obscure pelletoidal in part, calcite crystals and viens, fossil fragments. |
| 3780 - 3790' | Limestone - buff to dark brown, medium hard to very hard, crypto to fine grained, pelletoidal, trace of pyrite, pyrobitumen, trace slickensiding, trace calcite crystals and as former porosity filling. |
| 3790 - 3800' | Limestone - buff to dark brown, medium hard to very hard, crypto to fine grained, earthy in part, pelletoidal in part, slightly siliceous, calcite viens and crystals common, fossils. |
| 3800 - 3810' | Limestone - buff to grey and black, medium to very hard, crypto to fine grained, argillaceous in part, siliceous in part, shaly in part, calcite viens and crystals common. |
| 3810 - 3820' | Limestone - buff to brown and grey to dark grey, medium hard, crypto to micrograined, slightly silty, slightly argillaceous, earthy in part, calcite crystals and viens, trace pyrite, trace slickensiding. |
| 3820 - 3850' | Limestone - buff to dark brown and dark grey, medium hard to very hard, crypto to micrograined, earthy in part, argillaceous in part, trace of pyrite, calcite crystals and viens common, fossil fragments. |

| | |
|---|---|
| 3850 - 3860' | No sample caught - lost circulation. |
| 3860 - 3870' | Limestone - buff and grey to dark grey, medium hard, crypto to micrograined, argillaceous in part, calcite viens and crystals common, trace pyrite, trace pyrobitumen on crystals. |
| 3870 - 3890' | Limestone - grey to dark grey and brown, medium hard, cryptograined, very slightly argillaceous in part, calcite crystals very abundant. |
| 3890 - 3910' | Limestone - brown and grey to black, medium hard, argillaceous, crypto to micrograined, many calcite crystals and viens, trace pyrite. |
| 3910 - 3920' | Trip sample - cannot interpret. |
| 3920 - 3930' | Limestone - light to dark brown, medium hard, cryptograined, very slightly argillaceous, dolomitic in part, calcite crystals and viens, poor sample. |
| 3930 - 3950' | Trip samples - cannot interpret. |
| 3950 - 3960' | Limestone - dark grey to black, medium hard, micrograined, calcite crystals and viens abundant. |
| 3960 - 3970' | Limestone - black, medium hard, micrograined, argillaceous, calcite crystals and viens abundant. |
| 3970 - 3980' | Limestone - buff to dark brown and grey, medium hard, argillaceous, micro to cryptograined, calcite crystals and viens common. |
| 3980 - 4000' | Lost circulation, no samples. |
| 4000 - 4010' | Lost circulation, no samples. |
| 4010 - 4020' | No sample caught. |

# WELL HISTORY LOG

Well Name: Decalta SOBC Gulf Am Min Johnson A-12

Location: N 63° 31' 02" W 124° 02' 15"

Operator: Western Decalta Petroleum Limited

Elevation: Ground 1833' K.B. 1847'

Spud Date: 2:00 PM March 9, 1973

Finished Drilling: April 1, 1973

Status: Suspended

Total Depth: 4026' KB

Bottom Formation:

Geologist: W. R. Smith

## Casing

Surface : on March 13, 1973, ran 617.93' of 9 5/8", Sumitomo, 36#, K5, Range 3 casing, landed at 612' KB and cemented with 300 sacks of cement plus 2% $CaCl_2$

Intermediate : on April 11, 1973, ran 3909.35', 114 joints of 7", 23#, K5 casing, landed at 3895.35' KB and cemented with 300 sacks plus 10 sacks fiber seal.

## —LEGEND—

- Breccia
- Conglomerate
- Granite Wash
- Sandstone
- Siltstone
- Shale, light color
- Shale, med color
- Shale, dark color
- Shale, black
- Marlstone
- Limestone
- Dolomite
- Anhydrite
- Gypsum
- Salt
- Coal
- Glacial Till
- Igneous
- Volcanic
- Metamorphic
- Marl, limy
- Marl, dolomitic
- Limestone, streak
- Dolomite, streak
- Sandy
- Silty
- Calcareous
- Dolomitic
- Anhydritic
- Gypsiferous
- Chert, light & dark
- Argillaceous
- Glauconitic
- Salt Cast
- Nodules
- Bioclastic or Frag
- Oolites
- Pellets
- P Pyrite
- F Fossils
- C Carbonaceous
- E Earthy
- C Chalky
- L Lithographic
- Cx Cryptocrystaline
- No Samples

POR

GOOD >20%
FAIR 12 - 20%
POOR 6 - 12%
TRACE <6%

GRAIN SIZE

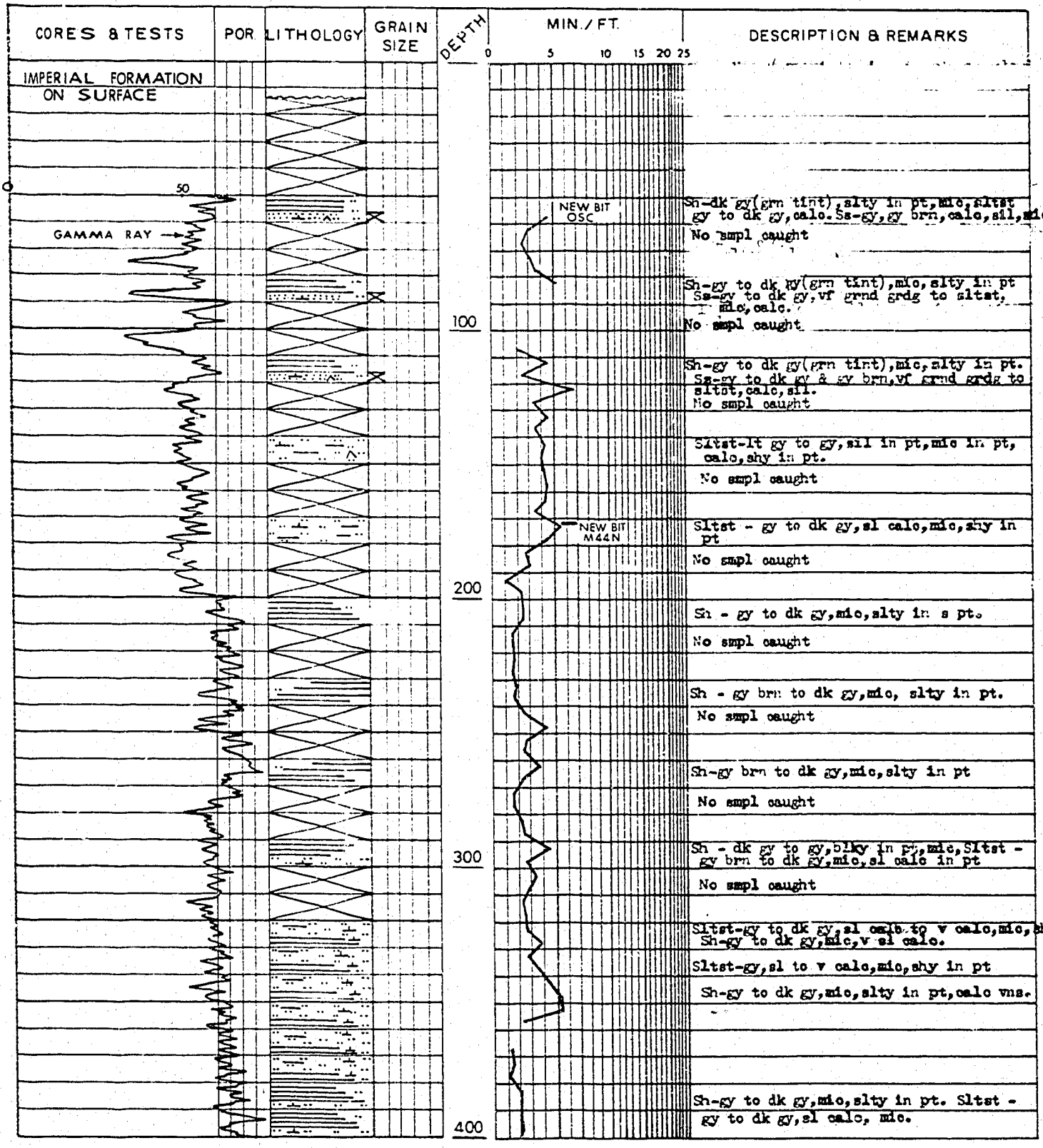
VERY FINE
FINE
MEDIUM
COARSE
VERY COURSE

- ● Oil, heavy stain
- ◍ Oil, med, poor or spotty stain
- ○ Oil, light, questionable stain
- D Oil, dead or asphaltic
- † Gas, (positive test)
- W Water, (positive test)

# WELL HISTORY LOG

WELL NAME: Decalta SOBC Gulf Am Min Johnson A-12 DATE: March 12, 1973

INTERVAL SHOWN: Surface to 400' KB PAGE NO. 1

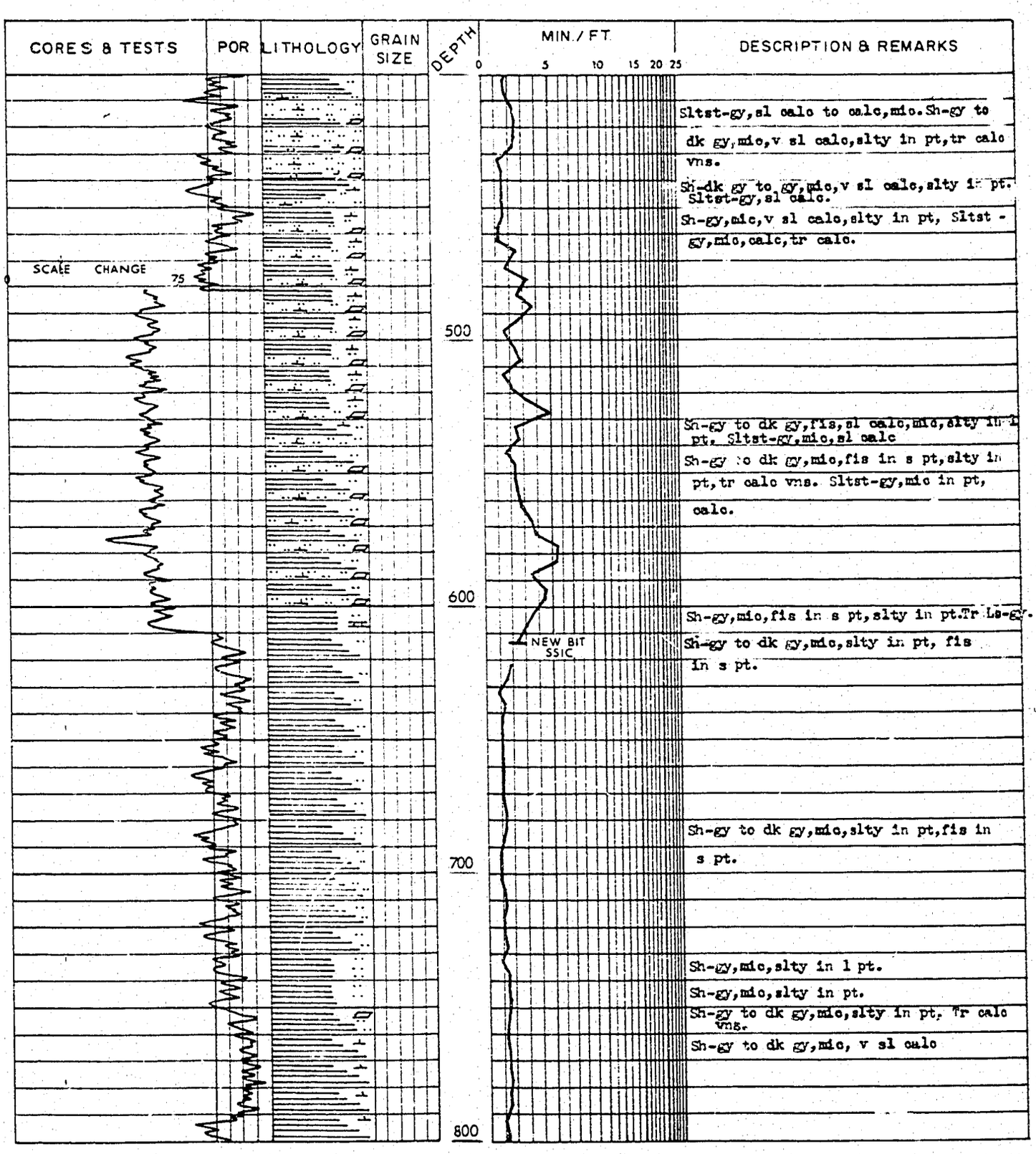



Geologist W. R. Smith

# WELL HISTORY LOG

WELL NAME: Decalta SOBC Gulf AmMin Johnson A-12 DATE: March 12, 1973

INTERVAL SHOWN: 400 - 800' KB PAGE NO. 2

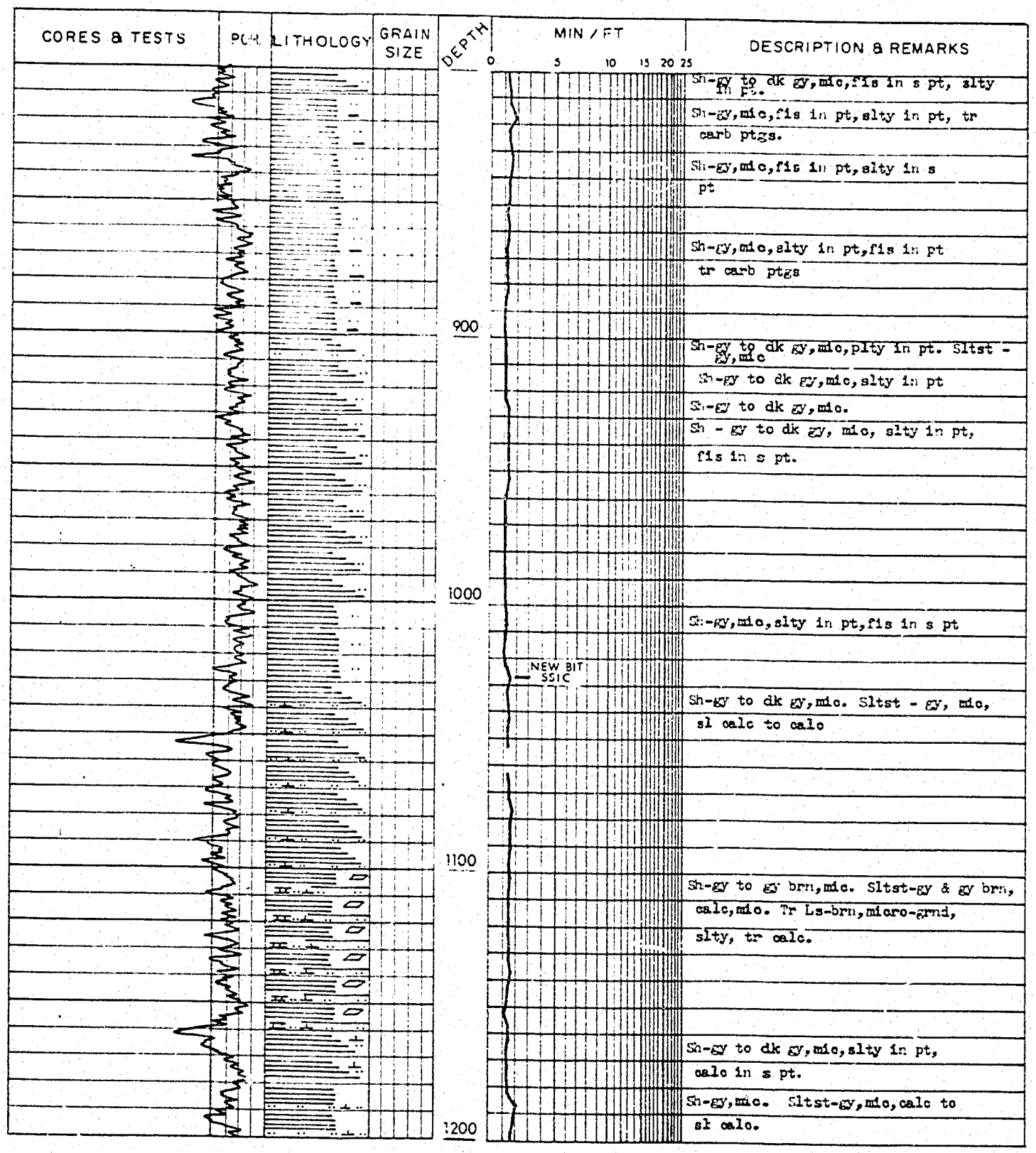



Geologist W. R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE March 16, 1973

INTERVAL SHOWN: 800 - 1200' KB PAGE NO. 3

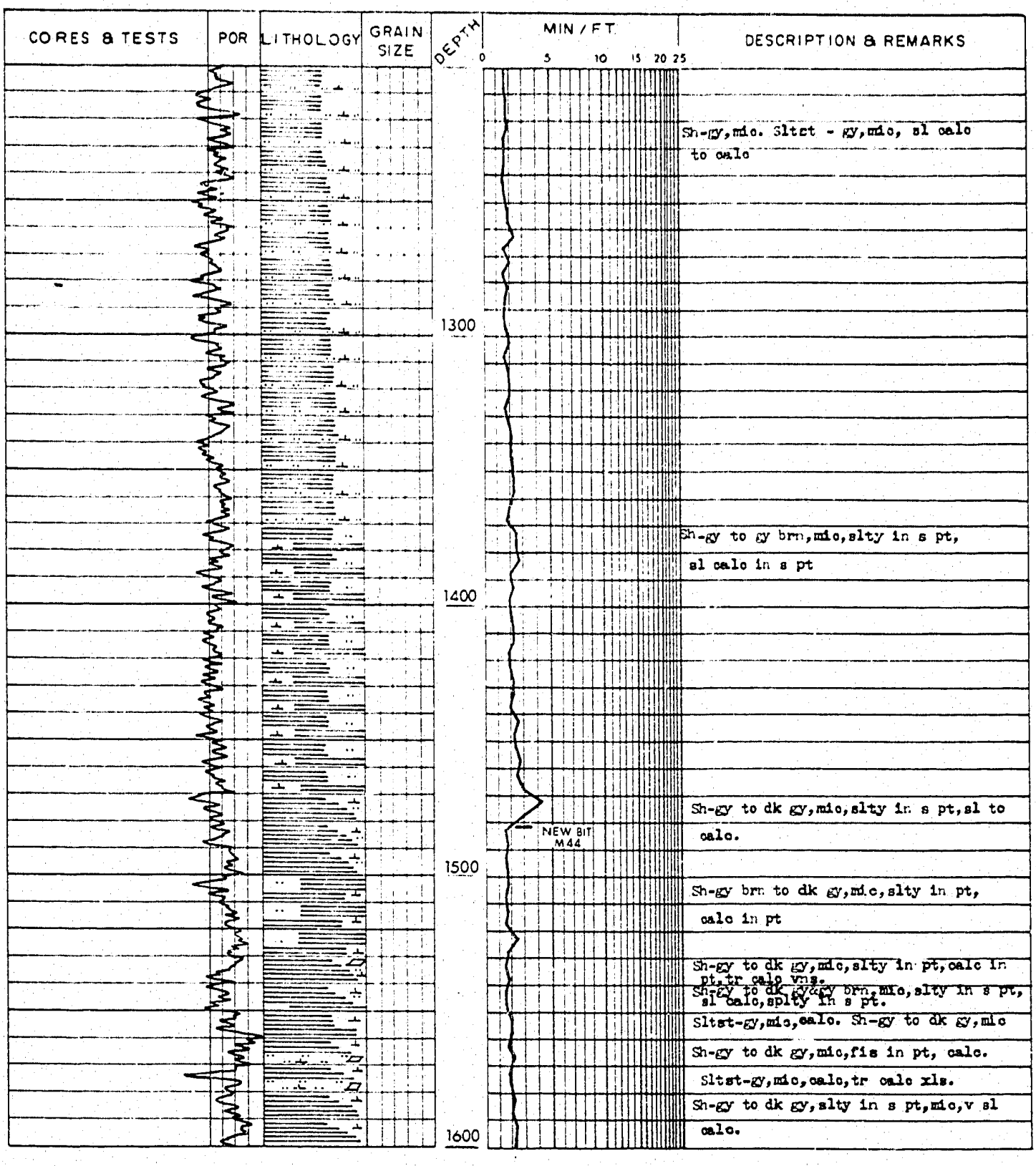



Geologist W. R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE March 17, 1973

INTERVAL SHOWN 1200'-1600' KB PAGE NO 4

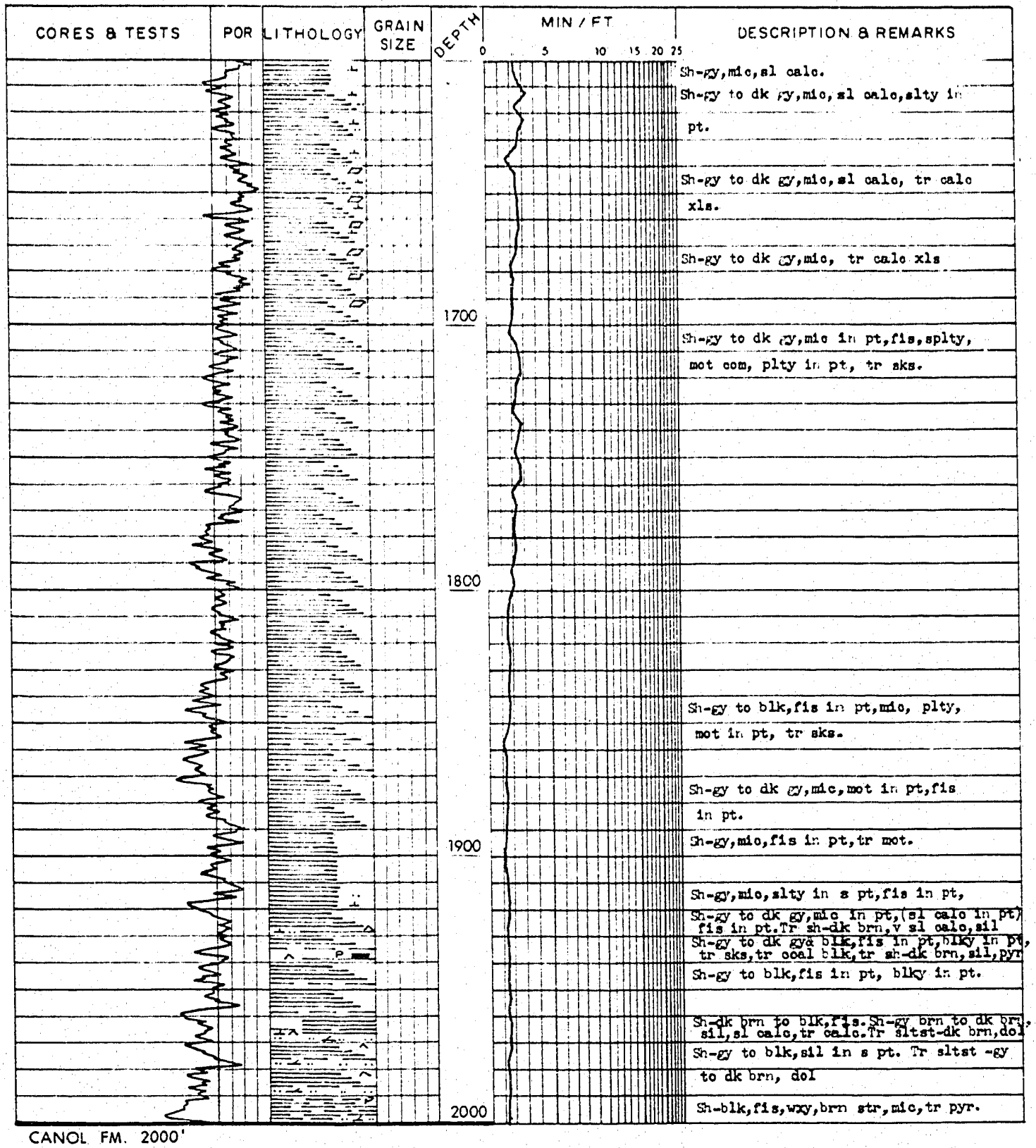



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# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE March 18, 1973

INTERVAL SHOWN 1600 - 2000' KB PAGE NO. 5



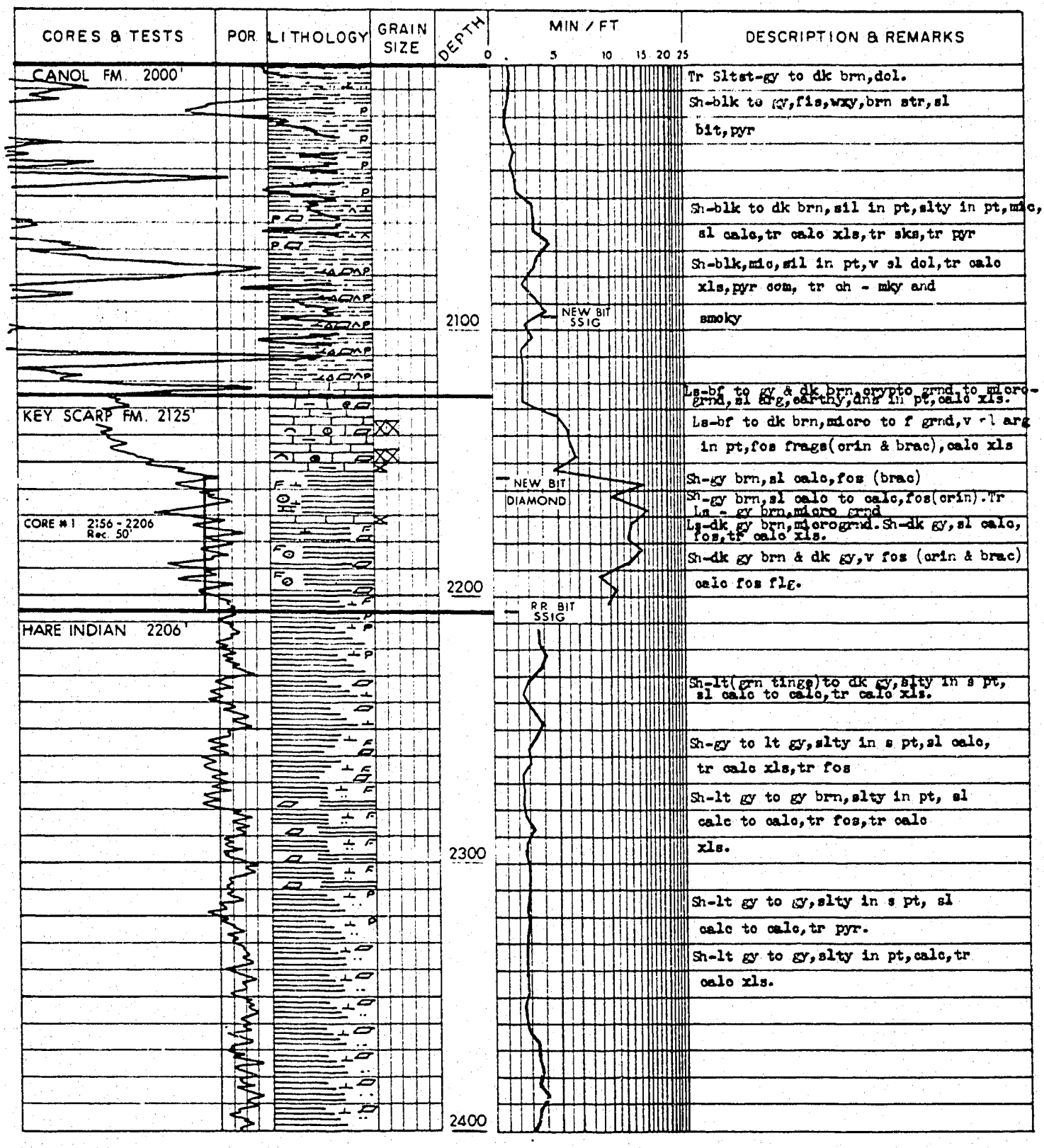

CANOL FM. 2000'

*Geologist* W. R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE: March 18, 1973

INTERVAL SHOWN: 2000 - 2400' KB PAGE NO. 6

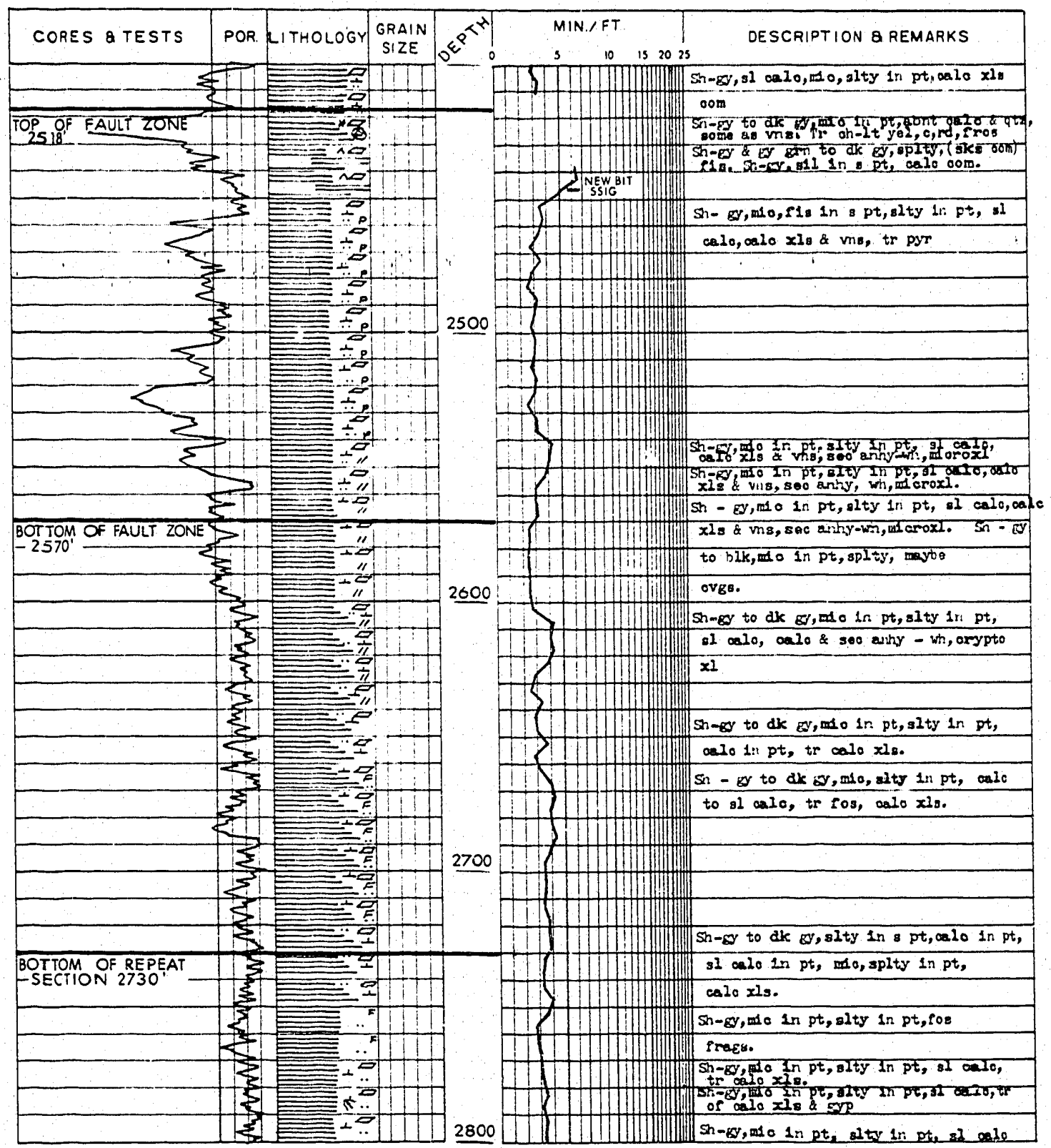



*Geologist* W. R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE March 21, 1973

INTERVAL SHOWN: 2400 - 2800' KB PAGE NO. 7




Geologist W. R. Smith

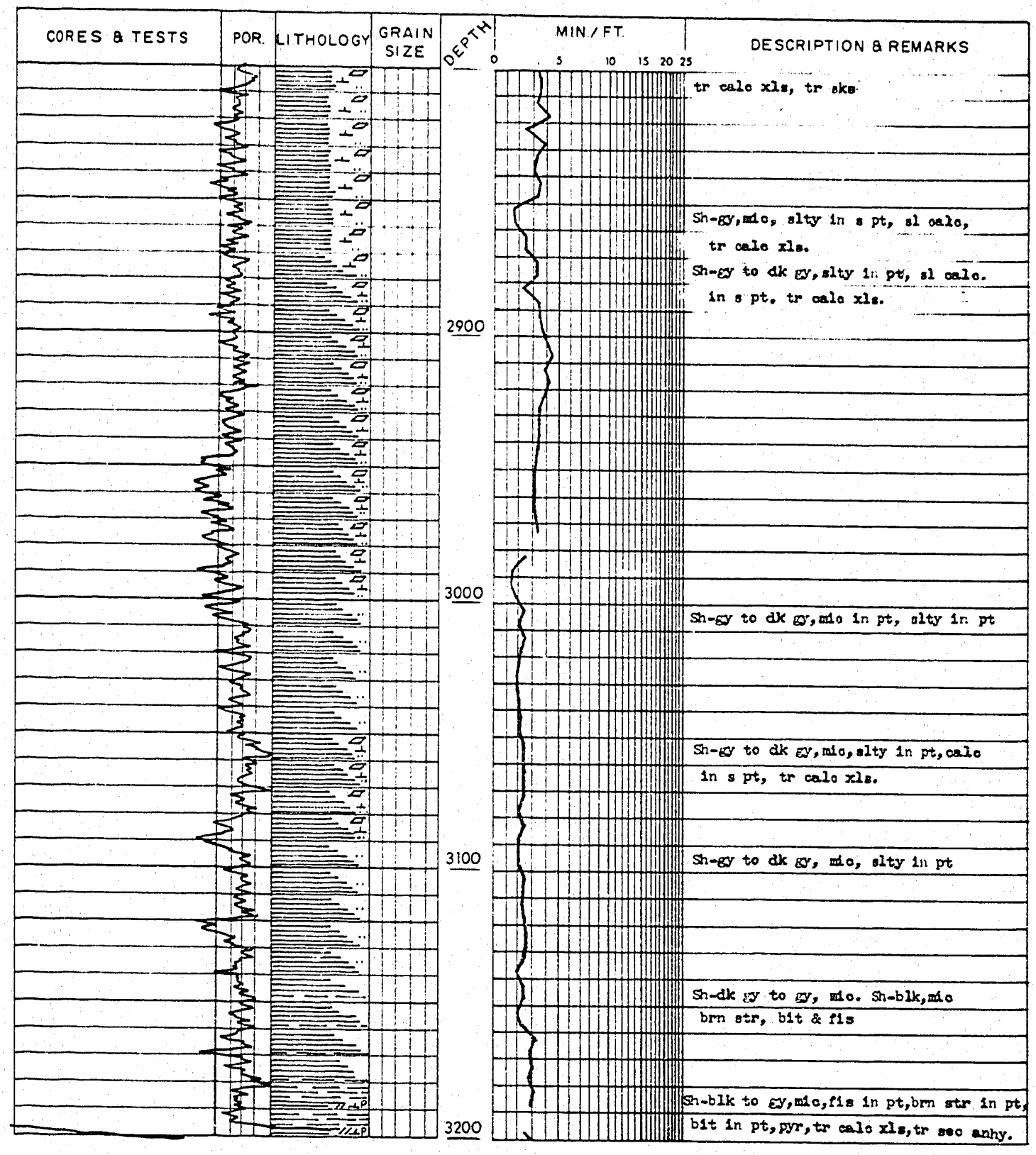
# WELL HISTORY LOG

WELL NAME: Decalta SOBC Gulf Am Min Johnson A-12

DATE: March 22, 1973

INTERVAL SHOWN: 2800 - 3200' KB

PAGE NO. 8

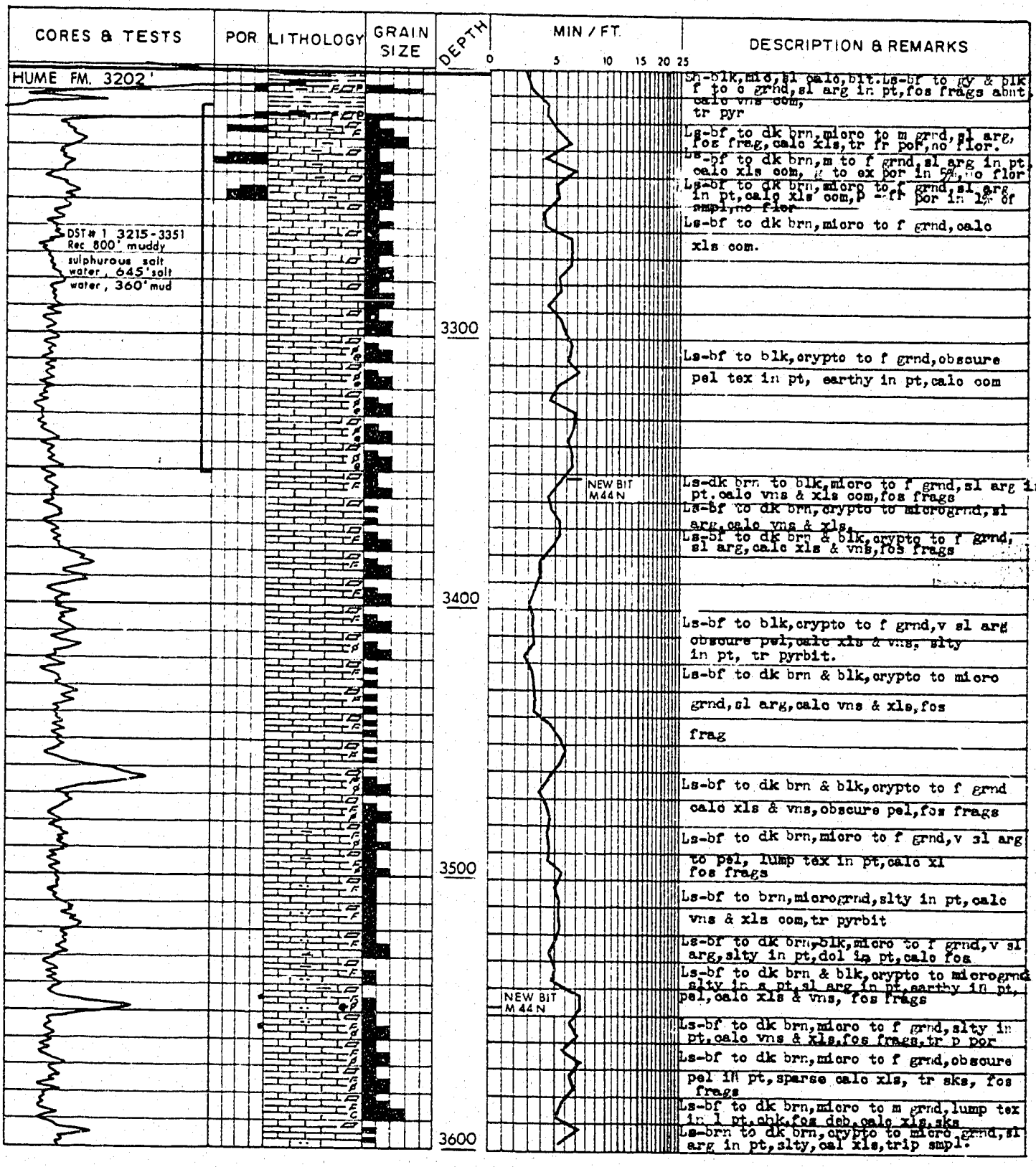



Geologist W. R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE: March 23, 1973

INTERVAL SHOWN: 3200 - 3600' KB PAGE NO. 9

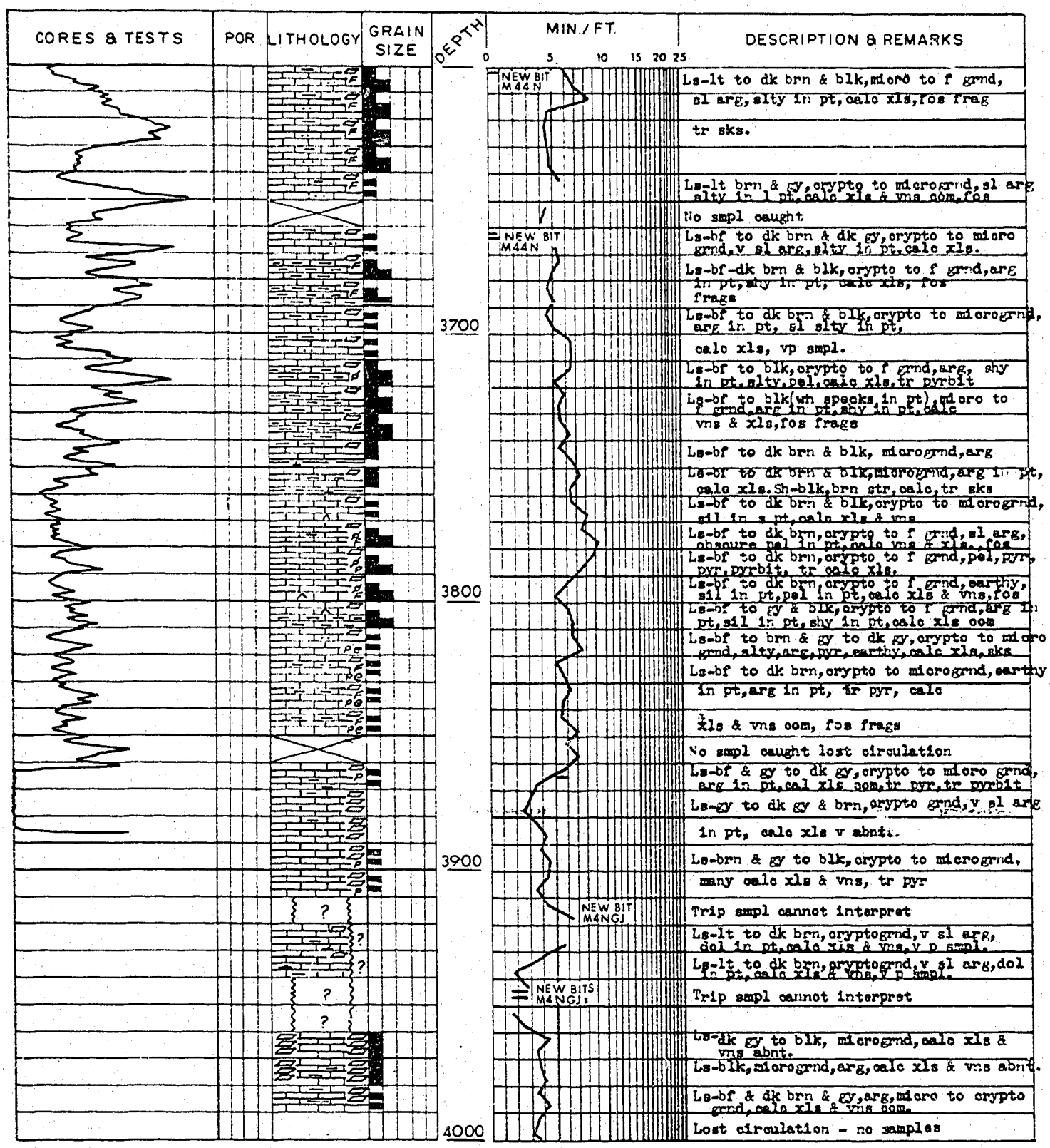



Geologist W. R. Smith

# WELL HISTORY LOG

WELL NAME: Decalta SOBC Gulf Am Min Johnson A-12 DATE: March 27, 1973

INTERVAL SHOWN: 3600 - 4000' KB PAGE NO. 10

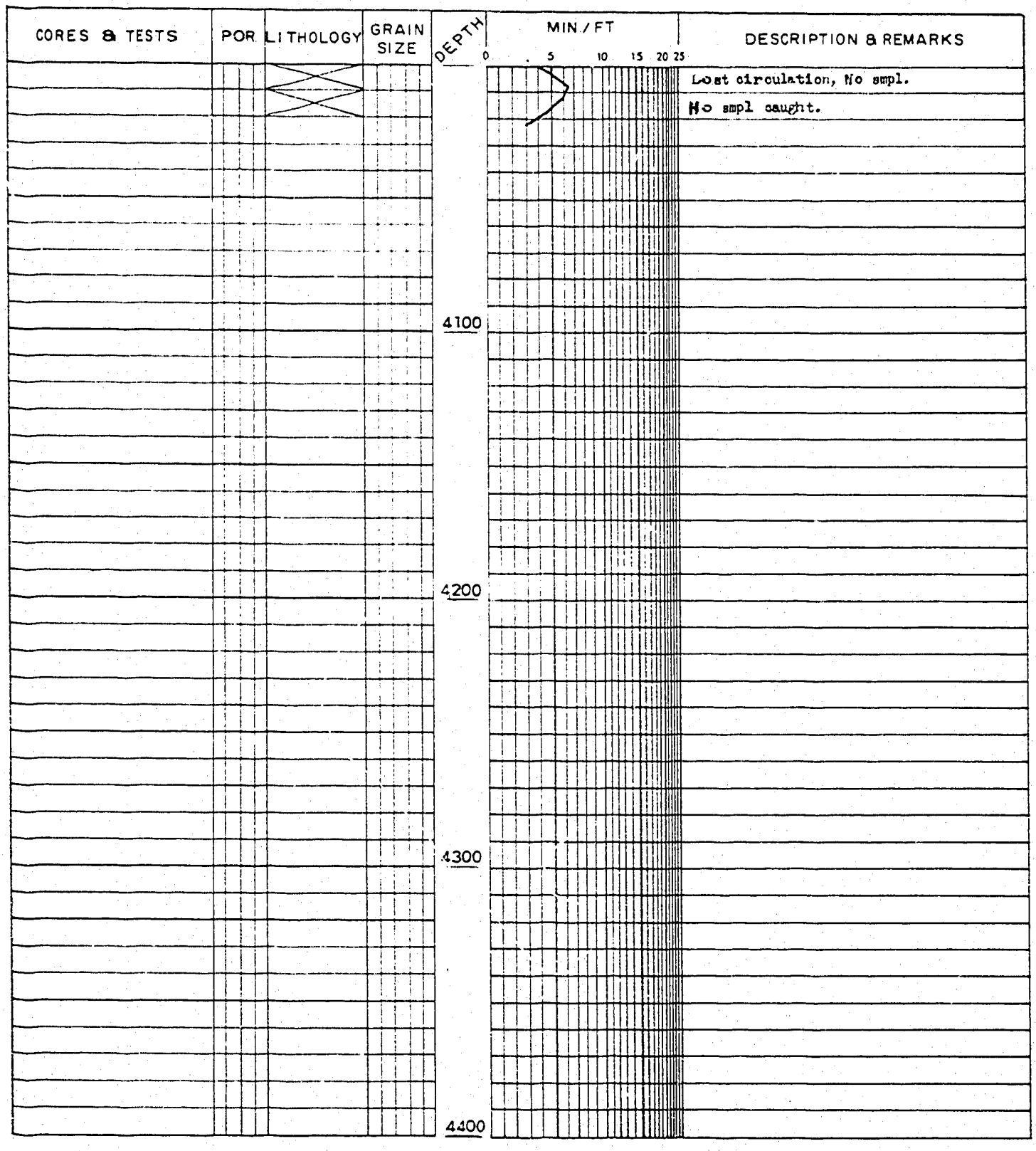



Geologist W.R. Smith

# WELL HISTORY LOG

WELL NAME Decalta SOBC Gulf Am Min Johnson A-12 DATE April 2, 1973

INTERVAL SHOWN: 4000 - 4400' KB PAGE NO. 11




Geologist W.R. Smith

# SECTION III - ENGINEERING SUMMARY

DECALTA SOBC GULF AmMin JOHNSON A-12

63° 31' 02" North Latitude

124° 02' 15" West Longitude

NORTHWEST TERRITORIES

CANADA

(a)

# DRILL STEM TEST REPORT

Company WESTERN DECALTA PETROLEUM LIMITED Drill Stem Test No. 1

Name of Well DECALTA SOBC GULF AmMin JOHNSON A-12 Date Test Run March 24, 1973

Testing Company LYNES UNITED SERVICES LTD. Operator Alvin Hills

Type Packer Dual Conventional Size Packer(s) 2 at 7 3/4". Choke 1/2"

Interval Tested: 3215 to 3351 Formation: Hume

**Test Data:**

Initial shut in: Time Packer set 2:59 P M. Time Tool Opened 3:29 P M. (elapsed) 30 mins.

Flow Period: Time Tool Opened 3:29 P M. Time Tool Closed 4:29 P M. (elapsed) 60 mins.

Final shut in: Time Tool Closed 4:29 P M. Time Tool Pulled 6:37 P M. (elapsed) 128 mins.

Pre-flow Time Tool Opened 2:54 PM Time Tool Closed 2:59 PM (elapsed) 5 mins.

Tight Hole Test: Yes ..... No x Size of Chamber .....

Water Cushion: None Type of Hole: (Rathole) (Fullhole) (Cased)

T.D. Driller: 3351 T.D. Tester: 3336 Was Test A Misrun: Partly

Cause of Misrun: Possible plugging in the tool.

**Flow Data:**

Description of Initial Blow: Good puff on pre-flow. Good blow throughout test.

Did Blow die or Decrease: No

Gas Flow To Surface In None mins. Initial Gas Flow ..... MCF/Day

Stabilized Gas Flow ..... MCF/Day Measured by: (Test) (Impact) (Side Static)

Time For Gas Flow to Stabilize ..... mins. Gas Description: (Sweet) (Sour) (Dry) (Wet)

Gas Sample Saved After ..... mins. Fluid To Surface In ..... mins.

Fluid Description: .....

Nature of Flow: .....

Remarks: .....

**Recovery:**

Total fluid in (size) 4 1/2" OD drill pipe: 1805 feet ..... barrels

(describe fluid) ..... Oil: ..... feet ..... barrels

Muddy Sulphurous Water: 800 feet ..... barrels

Mud: 360 feet ..... barrels

Clean sulphurous salt Water 645

Saved Samples At: 0 ft. 900 ft. 1800 ft. above the test tool

Weight of mud before test 9.3 lbs./gal.: Chloride content Nil ppm

Weight of mud recovered ..... lbs./gal.: Chloride content ..... ppm

Weight of water recovered 8.6 lbs./gal.: Chloride content 30400 (salt) ppm

Oil Recovered: ..... °API Color ..... Smell .....

**Pressure Data:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Initial Hydrostatic: | (Office) | 1501 | (Field) | 1473 | Final: (Office) | 1463 | (Field) 1447 |
| Initial Shut In Pressure | | 827 | | 845 | Final: | 830 | 845 |
| Initial Flow Pressure | | 634 | | 423 | Final: | 828 | -- |

Well Bore Temp: ..... °F Bomb Capacity: Top 5150 (inside) Bottom 4500

Engineer "W.R. Smith"

# LYNES UNITED SERVICES LTD.

| TEST DATA | | | | GENERAL INFORMATION | |
|---|---|---|---|---|---|
| Test No. | 1 | Lynes Test | 1 | | |
| Formation | | T.D. | 3351 Ft. | Company | Western Decalta Petroleums |
| Interval Tested | 3215 | Ft. to | 3351 Ft. | Address | |
| Interval Tested | 136 Ft. | Net Pay Tested | Ft. | | |
| Type of Test | Bottom Hole Conv | | | | |
| Cushion | | Amount | Ft. | Well Name | Decalta SOBC Gulf Ammin Johnson |
| Started in Hole at | 11:30 Hrs. | Tool Open at | 2:54 Hrs. | Well Number | A-12 |
| Pre-Flow | 5 Mins. | Initial Shut-in | 30 Mins. | K.B. Elevation | 1847 Sub-Sea Elevation |
| 2nd Flow | Mins. | Second Shut-in | Mins. | Area | Norman Wells Province N.W.T. |
| Final Flow | 60 Mins. | Final Shut-in | 120 Mins. | Company Rep. | M B. Smith |
| Remarks: | | | | Tester | A. Hills |
| | | | | Contractor | Guthrie McLaren Rig No. 2 |
| Blow: | Fair air blow increasing to strong Tool shut-in. Strong air blow remaining same throughout the flow | | | Ticket No. | 5647 Date March 24/73 |
| | | | | Service Reports To: | 16 - above address |

**GAS BLOW MEASUREMENTS**

Measured with no gas.

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

**MUD AND HOLE DATA**

| | |
|---|---|
| Mud Type | Gel Chem |
| Weight 9.3 Viscosity 100 Water Loss | 10.4 |
| Filter Cake | 2/32" Bottom Hole Temperature |
| Drill Pipe Size | 4 1/2" FH Weight |
| Drill Collars | 6H90 I.D. 2 7/8 Feet Run 275 |
| Main Hole or Casing Size | 8 3/4" |
| Rathole or Liner Size | No. of Feet |
| Bottom Hole Choke Size | 3/4" |
| Surface Choke Size | 1/2" |
| Packer Rubber Size | 7 3/4" |

**RECOVERY**

TOTAL FLUID RECOVERED 1805 Ft. Consisting of:

| | | |
|---|---|---|
| 360 | Ft. of | drilling mud |
| 800 | Ft. of | muddy suiphurous water |
| 645 | Ft. of | clean sulphurous water |
| | Ft. of | |

Test was/was not Reverse Circulated was not

Oil Recovery A.P.I. Water Specific Gravity

Salinity 30,400 PPM

**REMARKS**

Pressure difference between recorders due to plugging tool.

Shut-in pressures suggest relatively high permeability within the interval tested.

Skidded tool apprx 15 feet off bottom. Some mud lost when tool was skidding. Made connection during skidding.

**PRESSURE READINGS**

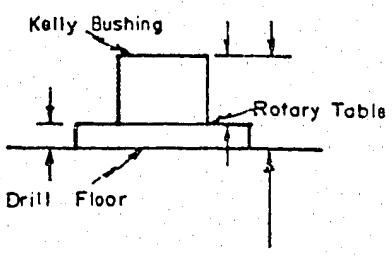
| | Inside x Outside | Inside Outside 2 | Inside Outside | Inside Outside |
|---|---|---|---|---|
| Recorder No. | 2484 | 1135 | | |
| Capacity | 5100 | 4500 | | |
| Depth | 3198 | 3228 | | |
| NUMBER KEY: | | | | |
| 1 - INITIAL HYDROSTATIC | 1501 | 1526 | | |
| 2 - PRE-FLOW | 687 | 760 | | |
| 3 - INITIAL SHUT-IN | 827 | 851 | | |
| 4a - 2nd INITIAL FLOW | | | | |
| 4b - 2nd FINAL FLOW | | | | |
| 4c - 2nd SHUT-IN | | | | |
| 5 - 3rd INITIAL FLOW | 634 | 784 | | |
| 6 - FINAL FLOW | 828 | 862 | | |
| 7 - FINAL SHUT-IN | 830 | 870 | | |
| 8 - FINAL HYDROSTATIC | 1463 | 1502 | | |

Company: Western Decalta Pet. Ltd.

Well Name and Description: Decalta SOBC Gulf Ammin Johnson A-12

Test No.: #1

Date of Test: March 24/73




# (b) CASING TALLY

SURFACE ☒ INTERMEDIATE ☐ PRODUCTION ☐

SIZE 9 5/8
TYPE Sumitomo
GRADE K5

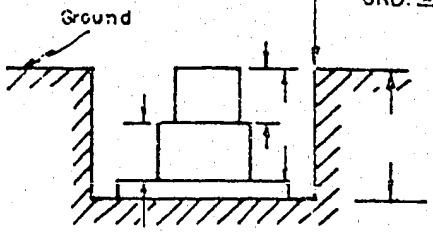
RANGE 3
WEIGHT 36#
THREAD Rd

NO. JOINTS 19
LANDING DEPTH 612
DEPTH BELOW K.B.

TOTALS

TOTAL JOINTS USED 19 LENGTH 617.93
TOTAL JOINTS LEFT -- LENGTH
GRAND TOTAL 19

ELEVATIONS
K.B. 1847
D.F.
GRD. 1833




REMARKS

CEMENTING
NO. OF SACKS 300
% $CaCl_2$ 2
% GEL

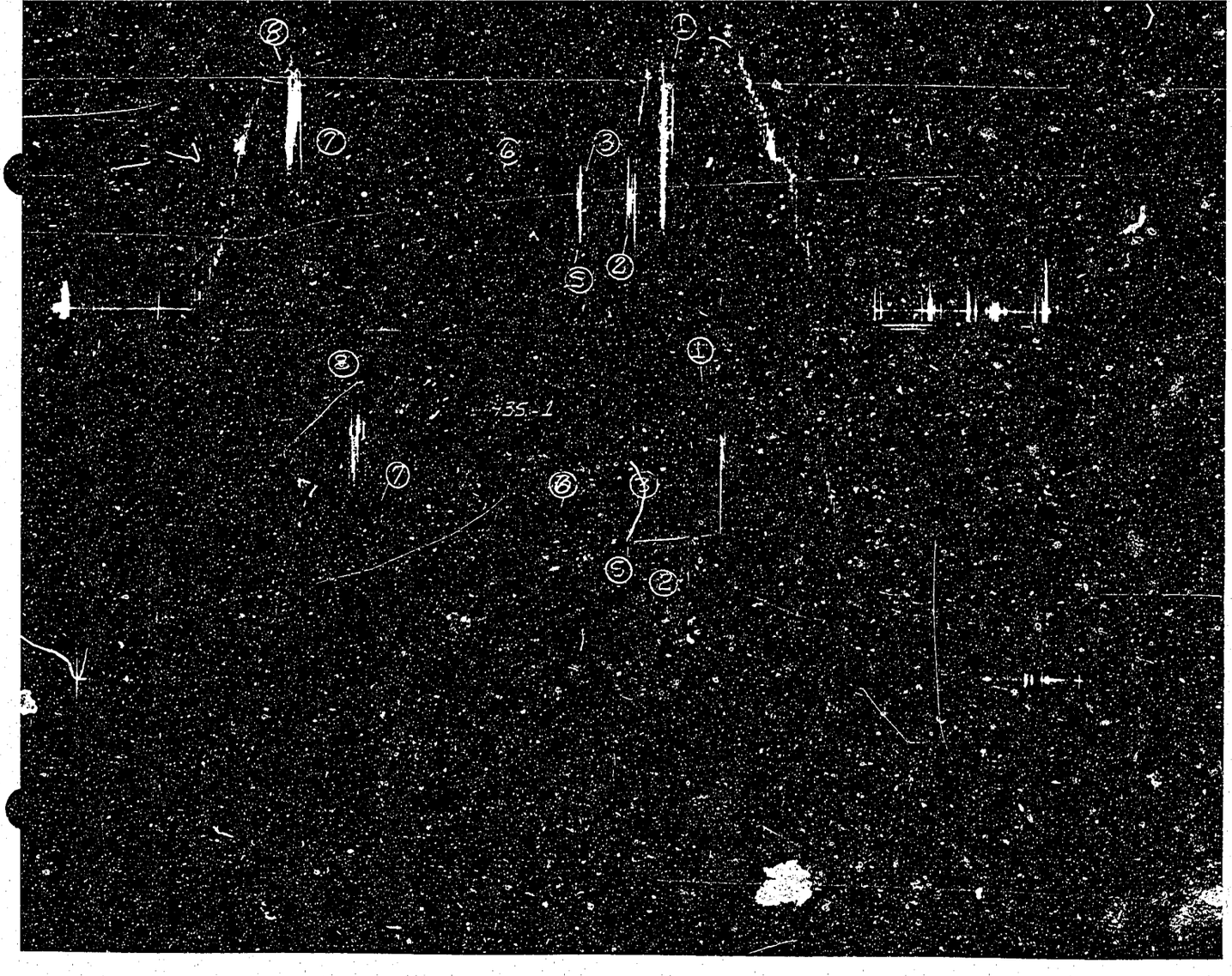
TYPE CEMENT Portland
HOURS TO SET 24
LENGTH CEMENT COLUMN 599
AVERAGE WEIGHT OF SLURRY

CEMENTING COMPANY Guthrie McClaren DATE Mar. 13/73
TYPE SHOE Davis TYPE COLLAR Davis
LENGTH 1.10 LENGTH 1.47
CENTRALIZERS --
SCRATCHERS --

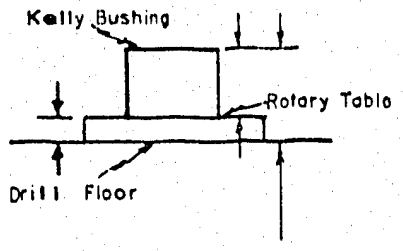
| NO | LENGTH | NO. | LENGTH | NO | LENGTH | NO | LENGTH | NO | LENGTH | NO | LENGTH | NO | LENGTH | NO | LENGTH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 33 00 | 11 | 31 22 | 21 | Float Collar | 31 | 1 47 | 41 | | 51 | | 61 | | 71 | 328 32 |
| 2 | 32 45 | 12 | 32 81 | 22 | Shoe | 32 | 1 10 | 42 | | 52 | | 62 | | 72 | 287 04 |
| 3 | 32 82 | 13 | 32 50 | 23 | | 33 | | 43 | | 53 | | 63 | | 73 | 2 57 |
| 4 | 32 82 | 14 | 32 61 | 24 | | 34 | | 44 | | 54 | | 64 | | 74 | |
| 5 | 32 93 | 15 | 30 77 | 25 | | 35 | | 45 | | 55 | | 65 | | 75 | |
| 6 | 32 79 | 16 | 31 83 | 26 | | 36 | | 46 | | 56 | | 66 | | 76 | |
| 7 | 32 50 | 17 | 33 41 | 27 | | 37 | | 47 | | 57 | | 67 | | 77 | |
| 8 | 32 19 | 18 | 30 59 | 28 | | 38 | | 48 | | 58 | | 68 | | 78 | |
| 9 | 33 50 | 19 | 31 30 | 29 | | 39 | | 49 | | 59 | | 69 | | 79 | |
| 10 | 33 32 | 20 | | 30 | | 40 | | 50 | | 60 | | 70 | | 80 | |
| | 328 32 | | 287 04 | | | | 2 57 | | | | | | | | 617 93 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 81 | | 91 | | 101 | | 111 | | 121 | | 131 | | 141 | | 151 | |
| 82 | | 92 | | 102 | | 112 | | 122 | | 132 | | 142 | | 152 | |
| 83 | | 93 | | 103 | | 113 | | 123 | | 133 | | 143 | | 153 | |
| 84 | | 94 | | 104 | | 114 | | 124 | | 134 | | 144 | | 154 | |
| 85 | | 95 | | 105 | | 115 | | 125 | | 135 | | 145 | | 155 | |
| 86 | | 96 | | 106 | | 116 | | 126 | | 136 | | 146 | | 156 | |
| 87 | | 97 | | 107 | | 117 | | 127 | | 137 | | 147 | | 157 | |
| 88 | | 98 | | 108 | | 118 | | 128 | | 138 | | 148 | | 158 | |
| 89 | | 99 | | 109 | | 119 | | 129 | | 139 | | 149 | | 159 | |
| 90 | | 100 | | 110 | | 120 | | 130 | | 140 | | 150 | | 160 | |


DECALTA SOBC-GULF ARMIN JOHNSON A-12
484-1


435-1

# CASING TALLY




SURFACE ☐ INTERMEDIATE ☒ PRODUCTION ☐

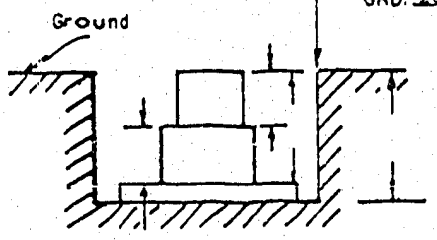
SIZE 7"
TYPE J&L
GRADE K

RANGE 1, 2 & 3
WEIGHT 23#
THREAD 8 Rd

NO. JOINTS 114
LANDING DEPTH 3898.35
DEPTH BELOW K.B. ____

TOTALS

TOTAL JOINTS USED 114 — LENGTH 3909.35
TOTAL JOINTS LEFT -- — LENGTH ____
GRAND TOTAL 114 — ____




ELEVATIONS

K.B. 1847
D.F. ____
GRD. 1833

REMARKS ____

CEMENTING

NO. OF SACKS 300
% $CACL_2$ ____
% GEL ____

TYPE CEMENT Portland
HOURS TO SET ____
LENGTH CEMENT COLUMN ____
AVERAGE WEIGHT OF SLURRY ____

CEMENTING COMPANY Guthrie McLaren — DATE April 11/73
TYPE SHOE ____ — TYPE COLLAR ____
LENGTH ____ — LENGTH ____
CENTRALIZERS ____
SCRATCHERS ____

| NO | LENGTH | | NO | LENGTH | | NO | LENGTH | | NO | LENGTH | | NO | LENGTH | | NO | LENGTH | | NO | LENGTH | | NO | LENGTH | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 33 | 18 | 11 | 42 | 36 | 21 | 33 | 18 | 31 | 33 | 12 | 41 | 39 | 97 | 51 | 30 | 83 | 61 | 32 | 30 | 71 | 39 | 12 |
| 2 | 45 | 09 | 12 | 40 | 75 | 22 | 31 | 92 | 32 | 32 | 05 | 42 | 33 | 34 | 52 | 41 | 02 | 62 | 32 | 65 | 72 | 37 | 85 |
| 3 | 32 | 63 | 13 | 42 | 20 | 23 | 40 | 10 | 33 | 46 | 18 | 43 | 30 | 78 | 53 | 37 | 10 | 63 | 31 | 40 | 73 | 33 | 05 |
| 4 | 37 | 25 | 14 | 30 | 52 | 24 | 27 | 30 | 34 | 32 | 42 | 44 | 32 | 18 | 54 | 41 | 22 | 64 | 32 | 35 | 74 | 33 | 03 |
| 5 | 41 | 47 | 15 | 30 | 34 | 25 | 32 | 18 | 35 | 32 | 79 | 45 | 32 | 43 | 55 | 41 | 38 | 65 | 41 | 15 | 75 | 40 | 42 |
| 6 | 33 | 35 | 16 | 33 | 34 | 26 | 32 | 83 | 36 | 32 | 34 | 46 | 32 | 29 | 56 | 31 | 20 | 66 | 31 | 30 | 76 | 32 | 29 |
| 7 | 40 | 75 | 17 | 32 | 31 | 27 | 43 | 05 | 37 | 26 | 32 | 47 | 39 | 25 | 57 | 32 | 50 | 67 | 32 | 05 | 77 | 43 | 67 |
| 8 | 32 | 35 | 18 | 33 | 60 | 28 | 44 | 09 | 38 | 32 | 55 | 48 | 33 | 15 | 58 | 31 | 85 | 68 | 33 | 30 | 78 | 44 | 22 |
| 9 | 32 | 11 | 19 | 26 | 80 | 29 | 32 | 15 | 39 | 41 | 97 | 49 | 32 | 70 | 59 | 32 | 94 | 69 | 42 | 12 | 79 | 31 | 60 |
| 10 | 38 | 64 | 20 | 39 | 66 | 30 | 32 | 39 | 40 | 30 | 28 | 50 | 32 | 81 | 60 | 32 | 34 | 70 | 35 | 70 | 80 | 29 | 34 |
| | 366 | 82 | | 352 | 38 | | 349 | 19 | | 340 | 02 | | 338 | 90 | | 352 | 38 | | 344 | 32 | | 364 | 59 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 32 | 97 | 91 | 32 | 34 | 101 | 32 | 28 | 111 | 32 | 12 | 121 | | | 131 | | | 141 | | | 151 | | |
| 82 | 33 | 97 | 92 | 32 | 22 | 102 | 32 | 70 | 112 | 27 | 95 | 122 | | | 132 | | | 142 | | | 152 | | |
| 83 | 41 | 32 | 93 | 29 | 88 | 103 | 33 | 48 | 113 | 32 | 24 | 123 | | | 133 | | | 143 | | | 153 | | |
| 84 | 43 | 47 | 94 | 24 | 89 | 104 | 33 | 77 | 114 | 32 | 33 | 124 | | | 134 | | | 144 | | | 154 | | |
| 85 | 31 | 32 | 95 | 31 | 84 | 105 | 32 | 62 | 115 | | | 125 | | | 135 | | | 145 | | | 155 | | |
| 86 | 40 | 72 | 96 | 32 | 57 | 106 | 30 | 77 | 116 | | | 126 | | | 136 | | | 146 | | | 156 | | |
| 87 | 28 | 80 | 97 | 32 | 70 | 107 | 33 | 16 | 117 | | | 127 | | | 137 | | | 147 | | | 157 | | |
| 88 | 31 | 79 | 98 | 32 | 55 | 108 | 30 | 79 | 118 | | | 128 | | | 138 | | | 148 | | | 158 | | |
| 89 | 32 | 25 | 99 | 24 | 77 | 109 | 30 | 58 | 119 | | | 129 | | | 139 | | | 149 | | | 159 | | |
| 90 | 32 | 23 | 100 | 31 | 69 | 110 | 31 | 67 | 120 | | | 130 | | | 140 | | | 150 | | | 160 | | |
| | 348 | 84 | | 305 | 45 | | 321 | 32 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

## (c) BIT RECORD

Well DECALTA SOBC GULF AmMin JOHNSON A-12

Drilling Contractor GUTHRIE McLAREN DRILLING LTD.

Date Drilling Started March 9, 1973 Date Completed

| Bit No. | Size | Make and Kind | Serial | Depth From | Depth To | Total Feet | Total Hours | Remarks |
|---|---|---|---|---|---|---|---|---|
| 1S | 12¼ | Hughes W OSC | CH 559 | 50 | 172 | 122 | 8½ | 4-4-1 |
| 2S | 8 3/4 | Security M44N | 913140 | 172 | 333 | 161 | 10 | 2-1-1 |
| 3S | 12¼ | Hughes W OSC | BW017 | 333 | 359 | 26 | -- | 4-3-1 |
| 2S | 8 3/4 | Security M44N | 913140 | 359 | 549 | 190 | 8 | 3-1-1 |
| 4S | 12¼ | Hughes W OSC | ER805 | 359 | 543 | 184 | 8 3/4 | 1-1-1 |
| 2S | 8 3/4 | Security M44N | 913140 | 549 | 614 | 65 | 5 | 4-2-1 |
| 4S | 12¼ | Hughes W OSC | ER805 | 543 | 614 | 71 | 3 3/4 | 2-1-1 |
| | | | | | | | | |
| 1 | 8 3/4 | Reed SS1C | 795989 | 614 | 1027 | 415 | 11½ | 2-1-1 |
| 2 | 8 3/4 | Reed SS1C | 469435 | 1027 | 1481 | 454 | 17 | 2-2-1 |
| 3 | 8 3/4 | Security M44 | 913130 | 1481 | 2095 | 614 | 22½ | 6-6-1 |
| 4 | 8 3/4 | Reed SS1G | 474742 | 2095 | 2156 | 61 | 4½ | 2-1-1 |
| C1 | 6 3/16 | Westdrill | 62-72 | 2156 | 2206 | 50 | 10 3/4 | Good |
| 4A | 8 3/4 | Reed SS1G | 474742 | 2206 | 2447 | 241 | 15 ½ | 3-1-1 |
| 5 | 8 3/4 | Reed SS1G | 394861 | 2447 | 2975 | 528 | 30½ | 2-6-1 |
| 6 | 8 3/4 | Security M44N | 913590 | 2915 | 3351 | 376 | 23 | 3-2-1 |
| 7 | 8 3/4 | Security M44N | 913592 | 3351 | 3558 | 207 | 17 ½ | 5-2-1 |
| 8 | 8 3/4 | Security M44N | 391162 | 3558 | 3601 | 43 | 4 ½ | 2-1-1 |
| 8 | 8 3/4 | Security M44N | 391162 | 3601 | 3664 | 63 | 6 ½ | |
| 9 | 8 3/4 | Security M44N | 270625 | 3664 | 3864 | 200 | 21 3/4 | 4-2-1 |
| 10 | 8 3/4 | Security M4NGJ | 911855 | 3864 | 3944 | 80 | 5 3/4 | 3-3-1 |
| 11 | 8 3/4 | Security M4NGJ | 337492 | 3944 | 3947 | 3 | ½ | 4-3-1 |
| 12 | 8 3/4 | Security M4NGJ | 331669 | 3947 | 4026 | 79 | 5 3/4 | 1-1-1 |
| 12 | 8 3/4 | Security M4NGJ | 331669 | 4026 | 4026 | -- | | Clean to Bottom |
| 6 | 8 3/4 | Security M44 | 913590 | -- | -- | -- | | Clean to Bottom |
| 14 | 8 3/4 | Security M44 | 426401 | -- | -- | -- | | Clean to Bottom |

# (d) DAILY MUD RECORD

| Date | Depth | Weight | Viscosity | Water Loss | Filter Cake | Ph. | Remarks and Additives | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | #/ Gal. | Seconds | 15 min. C.C. | 32nds | | Gel | Caustic | Soda Ash | Bi-Carb | Pelletex | Sawdust | Remarks |
| Mar. 9/73 | | | | | | | | | | | | | |
| 1 | -- | | | | | | | | | | | | |
| Tours 2 | -- | | | | | | | | | | | | |
| 3 | 117 | 8.5 | 45 | | | | 2700# | 100# | | | | | |
| Mar.10/73 | | | | | | | | | | | | | |
| 1 | 210 | 8.9 | 45 | | | | 1400# | 50# | | | | | |
| Tours 2 | 333 | 8.9 | 46 | | | | | | | | | | |
| 3 | 333 | 9.0 | 45 | | | | 1600# | 50# | | | | | |
| Mar.11/73 | | | | | | | | | | | | | |
| 1 | 359 | 9.0 | 45 | | | | 1000# | | | | | | |
| Tours 2 | 401 | 9.0 | 37 | | | | 1400# | 50# | | | | | |
| 3 | 549 | 9.0 | 50 | | | | | 50# | | | | | |
| Mar.12/73 | | | | | | | | | | | | | |
| 1 | 549 | 9.2 | 60 | | | | 1600# | 50# | | | | | |
| Tours 2 | 565 | 9.0 | 67 | | | | 1300# | | | | | | |
| 3 | 614 | 9.4 | 150 | | | | | | | | | | |
| Mar.13/73 | | | | | | | | | | | | | |
| 1 | 614 | 9.6 | 140 | | | | 2000# | | | | | | Running Casing |
| Tours 2 | 614 | | | | | | | | | | | | |
| 3 | 614 | | | | | | | | | | | | |
| Mar.14/73 | | | | | | | | | | | | | Waiting on cement & nipplin up. |
| 1 | 614 | | | | | | | | | | | | |
| Tours 2 | 614 | | | | | | | | | | | | |
| 3 | 614 | | | | | | | | | | | | |
| Mar.15/73 | | | | | | | | | | | | | |
| 1 | 614 | | | | | | | | | | | | Heading up. |
| Tours 2 | 614 | | | | | | | | | | | | |
| 3 | 614 | | | | | | | | | | | | |
| Mar.16/73 | | | | | | | | | | | | | |
| 1 | 731 | 8.3 | 28 | | | | | | | | | | |
| Tours 2 | 1012 | 8.3 | 28 | | | | | | | | | | |
| 3 | 1168 | 8.3 | 28 | | | | | | | | | | |
| Mar.17/73 | | | | | | | | | | | | | |
| 1 | 1356 | 9.2 | 45 | | | | 4000# | 100# | | | | | |
| Tours 2 | 1481 | 9.3 | 40 | | | | 1800# | | | | | | |
| 3 | 1650 | 9.3 | 46 | | | | 3000# | | | | | | |

# DAILY MUD RECORD

| Date | | Depth | Weight #/ Gal. | Viscosity Seconds | Water Loss 15 min. C.C. | Filter Cake 32nds | Ph. | Remarks and Additives: Gel | Caustic | Soda Ash | Bi-Carb | Peltex | Sawdust | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mar.18/73 | | | | | | | | | | | | | | |
| | 1 | 1823 | 9.3 | 44 | | | | | | | | | | |
| Tours | 2 | 2060 | 9.1 | 40 | | | | 2000# | | | | | | |
| | 3 | 2115 | 9.1 | 42 | | | | 700# | | | | | | |
| Mar.19/73 | | | | | | | | | | | | | | |
| | 1 | 2156 | 9.2 | 46 | | | | 500# | | | | | | |
| Tours | 2 | 2186 | 9.1 | 44 | | | 11.0 | | | | | | | |
| | 3 | 2206 | 9.1 | 40 | | | 11.0 | | | | | | | |
| Mar.20/73 | | | | | | | | | | | | | | |
| | 1 | 2240 | 9.2 | 46 | | | | 1000# | | | | | | |
| Tours | 2 | 2370 | 9.2 | 40 | | | | 1500# | | | | | | |
| | 3 | 2447 | 9.3 | 45 | | | | | 200# | | | | | |
| Mar.21/73 | | | | | | | | | | | | | | |
| | 1 | 2540 | 9.3 | 48 | | | | | | | | | | |
| Tours | 2 | 2664 | 9.4 | 62 | 11.0 | 2 | | 5400# | | | 200# | 150# | | |
| | 3 | 2789 | 9.3 | 38 | | | | 1000# | | | | 550# | | |
| Mar.22/73 | | | | | | | | | | | | | | |
| | 1 | 2882 | 9.5 | 55 | | | 10.5 | 3600# | 50# | | | 50# | | |
| Tours | 2 | 2975 | 9.5 | 45 | 9.2 | 2 | 10.5 | 500# | 50# | | | 50# | | |
| | 3 | 3038 | 9.5 | 50 | 9.3 | 2 | 10.5 | 1000# | | | | | | |
| Mar.23/73 | | | | | | | | | | | | | | |
| | 1 | 3200 | 9.6 | 60 | 9.2 | 2 | 10.5 | 3200# | 50# | | | 50# | | |
| Tours | 2 | 3255 | 9.7 | 54 | 9.0 | 2 | 10.5 | 1400# | | | | | | |
| | 3 | 3295 | 9.2 | 150 | | | 10.5 | 7000# | 200# | | | | 20 Sax | |
| Mar.24/73 | | | | | | | | | | | | | | |
| | 1 | 3351 | 9.3 | 100 | 10.4 | 2 | 10.5 | 2400# | | | | | | Running DST |
| Tours | 2 | 3351 | | | | | | | | | | | | |
| | 3 | 3351 | | | | | | | | | | | | |
| Mar.25/73 | | | | | | | | | | | | | | |
| | 1 | 3441 | 8.8 | 50 | 17.8 | 2 | 11.0 | 3000# | 200# | | | | | |
| Tours | 2 | 3551 | 9.1 | 55 | 17.6 | 2 | 11.0 | 2600# | | | | | | |
| | 3 | 3558 | 9.2 | 58 | 12.5 | 2 | 11.5 | 3000# | | | | | | |
| Mar.26/73 | | | | | | | | | | | | | | |
| | 1 | 3601 | 9.3 | 70 | 18.2 | 2 | 10.5 | 4900# | 200# | | | | | |
| Tours | 2 | 3601 | 8.9 | 200 | | | | 3700# | 450# | | | | 120 Sax | |
| | 3 | 3626 | 9.0 | 80 | | | 10.5 | 1700# | | | | | 42 Sax | |

# DAILY MUD RECORD



| Date | Depth | Weight #/ Gal. | Viscosity Seconds | Water Loss 15 min. C.C. | Filter Cake 32nds | Ph. | Remarks and Additives: Gel | Caustic | Soda Ash | Bi-Carb | Peltex | Sawdust | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mar.27/73 | | | | | | | | | | | | | |
| 1 | 3664 | 8.8 | 110 | | | 11.0 | 5300# | 250# | | | | 80 Sax | |
| Tours 2 | 3664 | | | | | | 12000# | 500# | | | | 230 Sax | |
| 3 | 3730 | 9.0 | 180 | | | 11.5 | 5200# | | | | | 36 Sax | |
| Mar.28/73 | | | | | | | | | | | | | |
| 1 | 3793 | 9.0 | 65 | 11.2 | 2 | 11.5 | | | | | | | |
| Tours 2 | 3864 | 9.0 | 55 | 11.6 | 2 | 11.0 | 1500# | 50# | | | | 25 Sax | |
| 3 | 3864 | | | | | | 9000# | 150# | | | | 200 " | |
| Mar.29/73 | | | | | | | | | | | | | |
| 1 | 3864 | | | | | | 4000# | 150# | | | | 160 Sax | |
| Tours 2 | 3920 | | | | | | 4300# | 200# | | | | 55 " | |
| 3 | 3944 | | | | | | | | | | | | |
| Mar.30/73 | | | | | | | | | | | | | Lost circulation. |
| 1 | 3944 | | | | | | | | | | | | |
| Tours 2 | 3944 | | | | | | 8500# | 100# | | | | 300 Sax | |
| 3 | 3944 | | | | | | 8900# | 100# | | | | 60 Sax | |
| Mar.31/73 | | | | | | | | | | | | | 125# Hagotreat |
| 1 | 3947 | 9.0 | 150 | | | 10.5 | 3800# | 100# | | | | | 13 sack Fiber-seal |
| Tours 2 | 3947 | | | | | | 3000# | | | | | | |
| 3 | | | | | | | | | | | | | |
| Apr.1/73 | | | | | | | | | | | | | |
| 1 | 4000 | 8.8 | 38 | | | 10.5 | 6900# | 50# | | | | | 4 sax interlock |
| Tours 2 | 4022 | 8.7 | 38 | | | 10.0 | 6000# | 350# | | | | | 6 sax interlock |
| 3 | 4026 | | | | | | | | | | | | |
| Apr.2/73 | | | | | | | | | | | | | 15 sax interlock |
| 1 | 4026 | 9.0 | 150 | | | | 6500# | 100# | | | | 100 Sax | |
| Tours 2 | 4026 | 8.9 | 200 | | | | 9500# | 100# | | | | | 14 sax interlock |
| 3 | 4026 | | 200 | | | | 10000# | 100# | | | | | |
| Apr.3/73 | | | | | | | | | | | | | 30 sax interlock |
| 1 | 4026 | | | | | | 12100# | 200# | | | | 55 Sax | |
| Tours 2 | 4026 | | | | | | 12000# | 200# | | | | 280 Sax | |
| 3 | 4026 | | | | | | | | | | | 20 Sax | |
| Apr.4/73 | | | | | | | | | | | | | Attempting to drill with foam. |
| 1 | 4026 | | | | | | | | | | | | |
| Tours 2 | 4026 | | | | | | | | | | | | |
| 3 | 4026 | | | | | | | | | | | | |

# DAILY MUD RECORD



| Date | Depth | Weight | Viscosity | Water Loss | Filter Cake | Ph. | Remarks and Additives | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | #/ Gal. | Seconds | 15 min. C.C. | 32nds | | Gel | Claustic | Soda Ash | Bi-Carb | Peltex | Saw-dust | Remarks |
| Apr.5/73 | | | | | | | | | | | | | |
| 1 | 4026 | | | | | | | | | | | | |
| Tours 2 | 4026 | | | | | | | | | | | | |
| 3 | 4026 | | | | | | 12000# | | | | | | |
| Apr.6/73 | | | | | | | | | | | | | |
| 1 | 4026 | | | | | | 5000# | 100# | | | | 411 Sax | |
| Tours 2 | 4026 | 8.8 | 200 | | | | 8300# | | | | | | |
| 3 | 4026 | 8.9 | 200 | | | | | | | | | | |
| Apr.7/73 | | | | | | | | | | | | | Fiber-seal |
| 1 | 4026 | | | | | | 10000# | 50# | | | | 60 Sax | 12 sax |
| Tours 2 | 4026 | | | | | | 10600# | | | | | | |
| 3 | 4026 | | | | | | | | | | | 135 " | |
| Apr.8/73 | | | | | | | | | | | | | 4 sax Fiber-seal |
| 1 | 4026 | | 200 | | | | 3000# | | | | | | |
| Tours 2 | 4026 | | 200 | | | | | | | | | | |
| 3 | 4026 | | | | | | 1100# | 50# | | | | | |
| Apr.9/73 | | | | | | | | | | | | | 6 sax Fiber-seal |
| 1 | 4026 | 9.8 | 200 | | | | 300# | 100# | | | | | 45 sax Fiber-seal |
| Tours 2 | 4026 | | | | | | 14000# | | | | | | |
| 3 | 4026 | | | | | | | | | | | | |

(e) # DAILY PROGRESS REPORT

| DATE | DEPTH | | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Depth | R.D.G. | |
| Mar.9/73 | 50 | 117 | 67 | 6 | 1S | | | Spudded at 2:00 PM. Drilled 67' with 12¼" rock bit, ran 1 survey and repaired. |
| Mar.10/73 | 117 | 333 | 216 | 12½ | 1S, 2S & 3S | 141<br>172<br>270<br>333 | 1/2<br>3/4<br>1/2<br>1 | Drilled 55' with 12¼" rock bit and 161' with 8 3/4" rock bit. Reamed 64' from 8 3/4" to 12¼", ran 4 surveys and tripped for Bits # 2S & 3S. |
| Mar.11/73 | 236 | 549 | 313 | 11¼ | 3S & RR-2S | 359<br>455<br>486<br>549<br>517 | 3/4<br>1<br>1 ½<br>1 ½<br>1 ½ | Drilled 26' with 12¼" rock bit and 190' with 8 3/4" rock bit, ran 5 surveys, tripped for Bit No. RR2S, reamed 97' from 8 3/4" to 12¼" and worked in Tight hole. |
| Mar.12/73 | 549 | 614 | 63 | 5 | 4S & RR-2S | 543<br>614 | 1 3/4<br>1 3/4 | Drilled 65' with 8 3/4" rock bit and reamed 71' with 12¼" rock bit, trip for Bit #RR2S, ran 2 surveys. |
| Mar.13/73 | 614 | 614 | -- | -- | --- | --- | -- | Finished reaming to 12¼" hole, circulated to run casing, made dummy trip, circulated, hoisted to run casing, ran casing, cemented and waited on cement. |
| Mar.14/73 | 614 | 614 | -- | -- | --- | --- | -- | Waiting on cement, nippling up and repairing broken lines. |
| Mar.15/73 | 614 | 614 | -- | -- | --- | --- | -- | Nippled up blow out preventers, repaired broken lines, replace seals and rubbers in hydril, tested blind rams, tested manifold and started running in to hole. |
| | | | | | | | | |

# DAILY PROGRESS REPORT

| DATE | DEPTH From | DEPTH To | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY Depth | DEVIATION SURVEY R.D.G. | REMARKS |
|---|---|---|---|---|---|---|---|---|
| Mar.16/73 | 614 | 1168 | 554 | 15 3/4 | 1 & 2 | 760<br>918<br>1137 | 1 ¼<br>1<br>3/4 | Checked pipe rams and hydril, drilled out, drilled 554' with 8 3/4" rock bit, ran 3 surveys and tripped for Bit #2. |
| Mar.17/73 | 1168 | 1650 | 482 | 19 ¼ | 2 & 3 | 1356<br>1450<br>1513<br>1638 | 1 ¼<br>2 ½<br>2 ¼<br>2 | Drilled 482' with 8 3/4" rock bit, ran 4 surveys and tripped to drop drill collars. |
| Mar.18/73 | 1650 | 2115 | 465 | 16 3/4 | 3 & 4 | 1700<br>1886<br>1980<br>2074 | 1 3/4<br>1 ½<br>1 ½<br>1 ½ | Drilled 465' with 8 3/4" rock bit, ran 4 surveys, circulated sample and tripped for Bit #4. |
| Mar.19/73 | 2115 | 2206 | 91 | 14 | 4 & C1 | 2156 | 1 3/4 | Drilled 41' with 8 3/4" rock bit, cored 50' with 6 3/16" diamond bit, hoisted, picked up barrel, ran in, cored, hoisted, recovered and ran in with rock bit. |
| Mar.20/73 | 2206 | 2447 | 241 | 15 ½ | 4A | 2260<br>2353<br>2416 | 1<br>1 3/4<br>2 3/4 | Drilled 241' with 8 3/4" rock bit, reamed 50', ran 3 surveys, circulated sample and started trip. |
| Mar.21/73 | 2447 | 2789 | 342 | 19 3/4 | 5 | 2447<br>2540<br>2602<br>2726 | 2<br>3<br>3<br>2 ¼ | Drilled 342' with 8 3/4" rock bit, ran 4 surveys and ran in with Bit #5 |
| Mar.22/73 | 2789 | 3038 | 249 | 13 ¼ | 5 & 6 | 2820<br>2975 | 2 3/4<br>2 | Drilled 249' with 8 3/4" rock bit, ran 2 surveys and tripped for Bit #6. |

# DAILY PROGRESS REPORT

| DATE | DEPTH | | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Depth | R.D.G. | |
| Mar.23/73 | 3038 | 3295 | 267 | 15 | 6 | 3163<br>3069<br>3255 | 2<br>2<br>2 | Drilled 267' with 8 3/4" rock bit, ran 3 surveys, circulated sample and made dummy trip to test, abandoned test and conditioned mud. |
| Mar.24/73 | 3295 | 3351 | 56 | 5 ½ | 6 | | | Drilled 56' with 8 3/4" rock bit, circulated to condition mud, pulled out, picked up test tools, ran DST #1, pulled test, broke down tools and started in with Bit #7. |
| Mar.25/73 | 3351 | 3558 | 207 | 17 ½ | 7 | 3414<br>3538 | 1 ¼<br>2 | Drilled 207' with 8 3/4" rock bit, ran 2 surveys, tripped in with Bit #7 and started Trip for Bit #8. |
| Mar.26/73 | 3558 | 3626 | 68 | 7 ½ | 8 | | | Drilled 68' with 8 3/4" rock bit, finished trip in with Bit #8, worked tight pipe and pulled bit during lost circulation, took jets out of bit, ran back in and tried to ream to bottom, pulled balled up bit, mixed mud, tripped in and drilled. |
| Mar.27/73 | 3626 | 3730 | 104 | 9 3/4 | 8 & 9 | 3726 | 2 | Drilled 104' with 8 3/4" rock bit, ran 1 survey, tripped out during lost circulation and mixed mud for lost circulation. |
| Mar.28/73 | 3730 | 3864 | 134 | 15 ¼ | 9 | | | Drilled 134' with 8 3/4" rock bit, worked pipe out of tight hole and dumped sawdust down annulus. |
| Mar.29/73 | 3864 | 3944 | 80 | 5 3/4 | 10 | | | Drilled 80' with 8 3/4" rock bit, mixed gel and sawdust and got returns, ran in to hole, drilled, lost circulation, pulled out of hole, waited on water, tripped in and drilled, lost circulation and tried to pull out. |

# DAILY PROGRESS REPORT

| DATE | DEPTH | | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Depth | R.D.G. | |
| Mar.30/73 | 3944 | 3944 | 0 | | | | | Working pipe out of tight hole, tripped out, layed down and picked up collars, dumped and cleaned mud tanks, mixed gel and sent slug down the annulus, ran in with bit and cleaned bridge. |
| Mar.31/73 | 3944 | 3947 | 3 | 1/4 | 11 | | | Drilled 8 3/4" hole for 3' with rock bit, cleaned to bottom, losing mud, pulled out of hole, waited on gel, rigged up to drill with aerated mud, installed Kelly and ground Kelly. |
| Apr.1/73 | 3947 | 4026 | 79 | 5 3/4 | 12 | | | Drilled 79' with 8 3/4" rock bit, ran in with Bit #12, installed rubber on rotary head, cleaned bridge at 1150, finished in drilled with aerated mud, pulled up while mixing mud and waiting on water, ran in and reamed to bottom, drilled with aerated mud, pulled out of hole to build volume. Waited on water. |
| Apr.2/73 | 4026 | 4026 | -- | -- | ---- | | | Conditioned mud, pulled collars, removed rotary head and flow line, installed flow nipple, ran in collars and dumped slug down the annulus, ran in and reamed bridge at 2500', ran to bottom and reamed 150' of fill on bottom. |
| Apr.3/73 | 4026 | 4026 | | | | | | Cleaned 150' to bottom, lost and built volume, finished cleaning to bottom and lost circulation, pull to 2000' and built volume, pulled out of hole and rigged to foam drill, ran in and reamed at 2500', ran to bottom and cleaned 60 of 150' fill, changed over to foam. |
| Apr.4/73 | 4026 | 4026 | | | | | | Attempted to pump air and foam, pulled 10 stands, pumped air and foam to displace hole, ran in 10 stands to top of fill, attempted to displace, bled off pressure and pulled 2 stands, attempted to |

# DAILY PROGRESS REPORT

| DATE | DEPTH | | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Depth | R.D.G. | |
| | | | | | | | | displace, hoisted 6 stands, attempted to displace, hoisted 4 stands and displaced, ran in 5 stands and found bridge at 2770, hoisted 3 stands. |
| Apr.5/73 | 4026 | 4026 | -- | -- | --- | --- | -- | Hoisted 3 stands and hole unloaded heavy shale, but pressured up again, worked pipe at 2586, bled off pressure and broke off single, reamed at 2556, reamed bridge, hole unloaded, but brought up little shale, bridge would not clean, hoisted to mud up, tore out air head and mixed mud, mixed mud and sawdust through flow nipple, chased with heavy mud. |
| Apr.6/73 | 4026 | 4026 | -- | -- | --- | --- | -- | Dumped sawdust down annulus and mixed through fillup line with heavy mud, ran in to 2550', tried to break circulation, bit plugged, hoisted and cleaned out shale, ran to 2280' and reamed to 2676' |
| Apr.7/73 | 4026 | 4026 | -- | -- | --- | --- | -- | Reamed broken fill at 2736' and lost circulation, pulled six stands, mixed mud and sawdust, ran in and had to ream from 2560' to 2591', ran in to 2933' and reamed to 2971', repaired pump, ran in 7 stands, circulated, lost circulation, hoisted 10 stands, mixed mud and lost circulation material, ran 7 stands, circulated conditioned hole, ran in 3 stands and reamed from 3626' to 3682'. |
| Apr.8/73 | 4026 | 4026 | -- | -- | --- | --- | -- | Reamed 3682 - 3808, hoisted for bit, reamed at 3416' and ran in to 3808', reamed 3808-3846, circulated and tripped and balled up bit, ran in and reamed from 3846'. |
| Apr.9/73 | 4026 | 4026 | -- | -- | --- | --- | -- | Reamed, pulled 10 stands, mixed mud and lost circulation material, ran in 10 stands, circulated and hoisted to log, logged and tore |

# DAILY PROGRESS REPORT

| DATE | DEPTH | | Footage | Hours on Bottom | BIT NOS. | DEVIATION SURVEY | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Depth | R.D.G. | |
| | | | | | | | | out logging equipment and rigged to lay down pipe. |
| Apr.10/73 | --- | --- | | | | | | Ran in to condition hole, hoisted, layed down pipe and drill collars, ran casing, circulated and rigged to cement. |
| Apr.11/73 | --- | --- | | | | | | Cemented and displaced, set slips, loaded out drill collars, waited on cement, cut casing and welded on plate. |
| Apr.12/73 | --- | --- | | | | | | Cleaned and tidied up rig. |
| Apr.13/73 | | | | | | | | Loaded out camp. |

(f) LOST CIRCULATION ZONES

1. Interval 3202-3250
   Formation Hume
   Zone ---

   Amount of Material Used - 8400# of gel and 20 sacks sawdust.

   Corrective Measures Taken - Mixed mud and sawdust.

2. Interval 3600-4026
   Formation Hume
   Zone ---

   Amount of Material Used - 203100# of gel, 2364 sacks sawdust and 139 sacks Interlok and Fiberseal.

   Corrective Measures Taken - Mixed mud, sawdust, Fiberseal and Interlok, aerated the mud and converted to foam.

No. 7763

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA SOBC COLE AMMIN JOHNSON A-12.
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: April 12 1973

Weather Condition: Mild | Road Conditions: Muddy | Nearest Town: Nobleford | Water - Source: Lake | Miles Hauled: 1/4 | Pumped: | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: Stand by

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Sweezey

| Rig No. | Drill Pipe String No. | Drill Pipe String Size | Tool Joint | |
|---|---|---|---|---|
| 2 | 2 | 4½ | 6 O.D. | Type Thd. F.H. |

DWKS Dat 20 7-11

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NATIONAL | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

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

## MORNING TOUR

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

**MUD RECORD**

| | | | | |
|---|---|---|---|---|
| Time | | | | |
| Weight | | | | |
| Visc.-Sec. | | | | |
| W.L.-C.C. | | | | |
| FL TR. CK. | | | | |
| PH | | | | |
| SD. Cont. % | | | | |
| Pressure Gradient | | | | |
| Mud & Chemicals Added | | | | |
| Type | Amt. | Type | Amt. | |
| | | | | |

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | DRAIN & CLEAN UP RIG |
| | | | | | | | | SPRAY PIPE WITH INHIBITOR |
| | | | | | | | | TAKE LINERS T HERE out of Pump. |
| | | | | | | | | WASH Down Bit Boiler. |
| | | | | | | | | Tidy up Lease. |

## DAY TOUR

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

**MUD RECORD**

| | | | | |
|---|---|---|---|---|
| Time | | | | |
| Weight | | | | |
| Visc.-Sec. | | | | |
| W.L.-C.C. | | | | |
| FL TR. CK. | | | | |
| PH | | | | |
| SD. Cont. % | | | | |
| Pressure Gradient | | | | |
| Mud & Chemicals Added | | | | |
| Type | Amt. | Type | Amt. | |
| | | | | |

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

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

## EVENING TOUR

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

**MUD RECORD**

| | | | | |
|---|---|---|---|---|
| Time | | | | |
| Weight | | | | |
| Visc.-Sec. | | | | |
| W.L.-C.C. | | | | |
| FL TR. CK. | | | | |
| PH | | | | |
| SD. Cont. % | | | | |
| Pressure Gradient | | | | |
| Mud & Chemicals Added | | | | |
| Type | Amt. | Type | Amt. | |
| | | | | |

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

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

No. 7762

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Dec. It. 50 B.C. Gulf Ammine Johnson A-12

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

Date: April 11 1973

Weather Condition: snowing | Road Conditions: Rough | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 1½ | Pumped | Camp Distance from Rig: 100 yards | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Alberton for Leslie Swaney

Rig No. 6 | DWKS Ideco Gd

Drill Pipe String: No. 2 | Size 4½

Tool Joint: 6" O.D. | Type Thd. F.H.

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm600 | 16 |
| 2. | National | C150B | 12 |
| 3. | | | |

| LAST CASING TUBING OR LINER | Size | Make | Wt. & Gr. | No Joints | Feet | KKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 7" | | 23 KS | 115 | 3907.35 | | KB 3895.35 | CEMENTED WITH 300 SKS CEMENT & 10 SKS FIBER SEAL |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ____ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | MUD RECORD |
|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | Time |
| | Singles D.P. | Ft. | Size | Weight |
| | D.C. I.D. O.D. | Ft. | Mfg. | Visc.-Sec. |
| | D.C. I.D. O.D. | Ft. | Type | W.L.-C.C. |
| | Stb. Body O.D. | Ft. | Nozzle No. / Size | FL TR. CK. |
| | Stb. Body O.D. | Ft. | Ser. No. | PH |
| | Rmr. Body O.D. | Ft. | Depth Out | SD. Cont. % |
| | Subs O.D. | Ft. | Depth In | Pressure Gradient |
| | Bit or C.B. | Ft. | Total Ftg. | |
| | Kelly Down | Ft. | Total Hr. Run | Mud & Chemicals Added: Type / Amt. / Type / Amt. |
| | Total | Ft. | Cond. of Bit | |
| Wt. of String | | Lbs. | Reamer No. | |
| Pipe in Hole | | Jts. | Reamer Type | |
| Pipe on Racks | | Jts. | Water Charges: Reg. Hrs. O.T. Hrs. | |
| Total Pipe on Lease | | Jts. | Trucker / Trucker / Trucker | Driller |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | MUD RECORD |
|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | Time |
| | Singles D.P. | Ft. | Size | Weight |
| | D.C. I.D. O.D. | Ft. | Mfg. | Visc.-Sec. |
| | D.C. I.D. O.D. | Ft. | Type | W.L.-C.C. |
| | Stb. Body O.D. | Ft. | Nozzle No. / Size | FL TR. CK. |
| | Stb. Body O.D. | Ft. | Ser. No. | PH |
| | Rmr. Body O.D. | Ft. | Depth Out | SD. Cont. % |
| | Subs O.D. | Ft. | Depth In | Pressure Gradient |
| | Bit or C.B. | Ft. | Total Ftg. | |
| | Kelly Down | Ft. | Total Hr. Run | Mud & Chemicals Added: Type / Amt. / Type / Amt. |
| | Total | Ft. | Cond. of Bit | |
| Wt. of String | | Lbs. | Reamer No. | |
| Pipe in Hole | | Jts. | Reamer Type | |
| Pipe on Racks | | Jts. | Water Charges: Reg. Hrs. O.T. Hrs. | |
| Total Pipe on Lease | | Jts. | Trucker / Trucker / Trucker | Driller |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | MUD RECORD |
|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | Time |
| | Singles D.P. | Ft. | Size | Weight |
| | D.C. I.D. O.D. | Ft. | Mfg. | Visc.-Sec. |
| | D.C. I.D. O.D. | Ft. | Type | W.L.-C.C. |
| | Stb. Body O.D. | Ft. | Nozzle No. / Size | FL TR. CK. |
| | Stb. Body O.D. | Ft. | Ser. No. | PH |
| | Rmr. Body O.D. | Ft. | Depth Out | SD. Cont. % |
| | Subs O.D. | Ft. | Depth In | Pressure Gradient |
| | Bit or C.B. | Ft. | Total Ftg. | |
| | Kelly Down | Ft. | Total Hr. Run | Mud & Chemicals Added: Type / Amt. / Type / Amt. |
| | Total | Ft. | Cond. of Bit | |
| Wt. of String | | Lbs. | Reamer No. | |
| Pipe in Hole | | Jts. | Reamer Type | |
| Pipe on Racks | | Jts. | Water Charges: Reg. Hrs. O.T. Hrs. | |
| Total Pipe on Lease | | Jts. | Trucker / Trucker / Trucker | Driller |

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'l-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 1:30 | 1½ | | | | | | Cement & displace casing & set casing slips |
| 1:30 | 4:30 | 3 | | | | | | Load out Falcon's Trucks (Bid collars, beveller & water |
| 4:30 | 8:00 | 3½ | | | | | | Clean up cementer, clean mud tanks & wash tanks |
| | | | | | | | | Clean up Rig floor & wash down |
| | | | | | | | | RAN 115 JOINTS 7" 23# K.S. Casing |
| | | | | | | | | 8 Round THREADS. |
| | | | | | | | | SET AT 3895.35' K.B. |
| | | | | | | | | CEMENTED WITH 300 SKS CEMENT & |
| | | | | | | | | 10 SKS FIBER SEAL. RETURNS |
| | | | | | | | | STILL Coming when Finished Cementing |

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'l-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | CLEAN up AROUND RIG. |
| | | | | | | | | SCHLUMBERGER UNIT, CORE BBLS |
| | | | | | | | | TESTING TOOLS & ALL AIR EQUIPMENT |
| | | | | | | | | MOVED DOWN TO Falcons CAMP |
| | | | | | | | | AT RIVER. |
| | | | | | | | | USED RIG CEMENTING UNIT |
| | | | | | | | | TO CEMENT. |

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'l-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | C.U. OFF CASING (EVOT ABOVE |
| | | | | | | | | CASING BOWL. BAIL OUT CASING |
| | | | | | | | | 10 FEET DOWN. WELD ON PLATE |
| | | | | | | | | & PUT VALVE ON TOP OF PLATE. |
| | | | | | | | | NOTE: |
| | | | | | | | | TAKEN FROM IMPERIAL STOCK PILE AT Wrigley |
| | | | | | | | | 375 SKS GEL |
| | | | | | | | | 300 SKS SAWDUST |

No. 7761

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta S.O.B.C. Gulf Ammine Johnson A-12

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

Date: April 10 1973

Weather Condition: mild | Road Conditions: muddy Rough | Nearest Town: Norman Wells | Water - Source: lake | Miles Hauled: 3/4 | Pumped: ____ | Camp Distance from Rig: 100 yards | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Barrett / Larko Sweeney

Rig No.: 2 | DWKS: 7-11 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 6" O.D., Type Thd. F.H.

PUMPS

| No: | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm 600 | 16 |
| 2. | National | C-150 B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | Jap | 36# KS | 14 | 602.93 | 13.90 | 612 KB | cemented w 300 sx 2% cal |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | | | |
| Conditioning Mud & Circulating | 1 | | |
| Trips | 2½ | | |
| Lubricate Rig | | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 4½ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 4 | | |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | |
| No. of Lines / Size | |
| Feet Slipped | |
| Feet Cut Off | |
| Present Length | |
| Ton Mi. or Trips Since Last Cut | 594 |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 38 |
| Cumulative Rotating Hrs. | |

## MORNING TOUR

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

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | | | |
| Size | | | |
| Mfg. | | | |
| Type | | | |
| Nozzle No. | | | |
| Nozzle Size | | | |
| Ser. No. | | | |
| Depth Out | | | |
| Depth In | | | |
| Total Ftg. | | | |
| Total Hr. Run | | | |
| Cond. of Bit | | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 2:30 | 2½ | | | | | | Run in to condition hole |
| 2:30 | 3:30 | 1 | | | | | | Work pipe & circulate |
| 3:30 | 6:00 | 2½ | | | | | | Come out of hole laying down pipe |

## DAY TOUR

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

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | | | |
| Size | | | |
| Mfg. | | | |
| Type | | | |
| Nozzle No. | | | |
| Nozzle Size | | | |
| Ser. No. | | | |
| Depth Out | | | |
| Depth In | | | |
| Total Ftg. | | | |
| Total Hr. Run | | | |
| Cond. of Bit | | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 12:00 | 4 | | | | | | LAY DOWN DRILL PIPE & DRILL COLLARS |
| 12:00 | 12:30 | ½ | | | | | | RIG TO RUN CSG |
| 12:30 | 4:00 | 3½ | | | | | | RUN CSG |

## EVENING TOUR

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

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | | | |
| Size | | | |
| Mfg. | | | |
| Type | | | |
| Nozzle No. | | | |
| Nozzle Size | | | |
| Ser. No. | | | |
| Depth Out | | | |
| Depth In | | | |
| Total Ftg. | | | |
| Total Hr. Run | | | |
| Cond. of Bit | | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 7:30 | 3½ | | | | | | RUN CSG. |
| 7:30 | 9:00 | 1½ | | | | | | RIG UP TO CIRC CSG PRIOR TO CEMENTING |
| 8:00 | 11:00 | 3 | | | | | | Circulate casing while Rigging to cement |
| 11:00 | 12:00 | 1 | | | | | | cementing Csg |

No. 7760

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta S.O.B.C. Gulf Amoco Imperial Johnson A-12
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: April 9 1973

Weather Condition: mild | Road Conditions: Rough | Nearest Town: Norman Wells | Water - Source: Kater | Miles Hauled: 3½ | Pumped: ____ | Camp Distance from Rig: 100 yards | Reason for Extra L. Plant: spare

OPERATOR: West-Can Drilling

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Barry Eaton

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaigre

Rig No. 2 | DWKS 7-11 | Drill Pipe String: No. 2 Size 4½ | Tool Joint: Type Thd. F.H. 6" O.D.

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm650 | 16 |
| 2. | National | c1303 | 12 |
| 3. | | | |

**LAST CASING TUBING OR LINER**

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | Jap | 36# K55 | 19 | 612.93 | 13.90 | 612 KB | cemented w/ 300 sxs 2% cal. |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 1¼ | | |
| Conditioning Mud & Circulating | 3 | | |
| Trips | 3 | | |
| Lubricate Rig | ¼ | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | 3 | 4½ |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | ½ | | 3½ |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | Size 1⅛ |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | 3724 |
| Cumulative Ton Mi. or Trips | 1287 |
| No. of Days From Spud | 32 |
| Cumulative Rotating Hrs. | 185½ |
| Core | 10½ |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ O.D. | 2.70 | Ft. |
| 1 | Bit or C.B. 5⅝ | 2.50 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.60 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | R 15 |
| Size | 8¾ |
| Mfg. | Reed |
| Type | SS1G |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | 397861 |
| Depth Out | |
| Depth In | 3846 |
| Total Ftg. | 51 |
| Total Hr. Run | 3¼ |
| Cond. of Bit | 3-3-1 |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

| | |
|---|---|
| Time | 4:00 |
| Weight | 9.8 |
| Visc.-Sec. | 900 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| gel | 3000 lbs | | |
| caustic | 100 lbs | | |
| 6 bags | Fibersea | | |

Driller: David Chalker

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3859 | 3897 | 38 | R | | | ~~100~~ 85 | 20 | 800 | 5½ | 80 | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 1:30 | 1¼ | | | | | | Reaming 3859 - 3900 (Lost some mud) |
| 1:30 | 2:00 | ½ | | | | | | Pull 18 stand to mix mud |
| 2:00 | 4:30 | 2½ | | | | | | Mixing gel & lost circulation material |
| 4:30 | 5:00 | ½ | | | | | | Run in 10 stands |
| 5:00 | 5:30 | ½ | | | | | | Circulate before pulling to Log |
| 5:30 | 7:30 | 2 | | | | | | Hoist out to Log |
| 7:30 | 9:00 | ½ | | | | | | Rig up to Log |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ O.D. | 2.70 | Ft. |
| 1 | Bit or C.B. 5⅝ | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

| | |
|---|---|
| Time | 4:00 |
| Weight | 9.7 |
| Visc.-Sec. | 2000 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 14000 | | |
| Fibersea | 45 sacks | | |

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 5:00 | 4:00 | 8 | | | | | | LOGGING |

## EVENING TOUR

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

**BIT RECORD**

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

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

Mud & Chemicals Added

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

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 8:30 | 4½ | | | | | | LOGGING |
| 8:30 | 9:30 | 1 | | | | | | Tear out Logging Equipment |
| 9:30 | 11:00 | 1½ | | | | | | Cut Logs & deck pipe on ground |
| 11:00 | 12:00 | 1 | | | | | | Rig up to lay down pipe |
| ~~12:00~~ | | | | | | | | ~~Rig up to lay down~~ |

No. 7759

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta S.O.B.C. Gulf Ammine Johnson A-12

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

Date April 4 1973

Weather Condition mild | Road Conditions Rough | Nearest Town Norman Wells | Water - Source lake | Miles Hauled 3½ | Pumped ____ | Camp Distance from Rig 100 yards | Reason for Extra L. Plant spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A Bernard / Leslie Lussey

Rig No. DWKS | Drill Pipe String No. 2 Size 4½ | Tool Joint 6" O.D. | Type Thd. F.H.

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm600 | 16 |
| 2 | National | c150B | 12 |
| 3. | | | |

**LAST CASING TUBING OR LINER**

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | Jap | 36 #/Ft | 19 | 612.93 | 13.92 | 612KB | cemented w 300 sac 2% cal |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 1¼ | 7¾ | 3 |
| Conditioning Mud & Circulating | | | ½ |
| Trips | 6¼ | | 5¼ |
| Lubricate Rig | | ¼ | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7

No. of Lines 8 Size 7/16

Feet Slipped 12.49

Feet Cut Off 49

Present Length 3751

Ton Mi. or Trips Since Last Cut 594

Cumulative Ton Mi. or Trips 1297

No. of Days From Spud 31

Cumulative Rotating Hrs. 185½

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¾ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs ~~X/O~~ O.D. | 2.70 | Ft. |
| 1 | Bit ~~or S.B.~~ | 2.60 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.60 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | 14 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | 1944 |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | 426401 |
| Depth Out | |
| Depth In | 3808 R |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 30 sks | | |
| 4 sks Fiber Sec. | | | |

Driller David Clatterbuck

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3682 | 3808 | 126 | R | | | 100 / 87 | 20 | 700 | 5½ | 72 | 5½ | | S |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 1:15 | 1¼ | | | | | | Reaming from 3682 to 3808 |
| 1:15 | 4:30 | 3 | | | | | | Hoist for bit (Had trouble breaking torqued pipe) |
| 4:15 | 7:00 | 2¾ | | | | | | Run in w bit #14 (hole tight at 3560 to 3660) |
| 7:00 | 7:30 | ½ | | | | | | Reaming at 3746 |
| 7:30 | 8:00 | ½ | | | | | | Run in to 3808 |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¾ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit ~~or S.B.~~ SUB | 1.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | 14 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | M44 |
| Nozzle No. | OPEN |
| Nozzle Size | |
| Ser. No. | 426401 |
| Depth Out | 3846 |
| Depth In | 3808 R |
| Total Ftg. | 38R |
| Total Hr. Run | 7¾ |
| Cond. of Bit | 1-1-I |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

| | |
|---|---|
| Time | |
| Weight | |
| Visc.-Sec. | 208 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added

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

Driller John Beattie

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3746 | 3808 | 62 | R | | | 100 / 87 | 20 | 800 | 5½ | 72 | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Serv. / BOPE & Shut Offs. |
| 8:15 | 4:00 | 7¾ | | | | | | Reaming 8¾ (3803 - 3846) |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¾ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit ~~or S.B.~~ 3-10 | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | 15R. |
| Size | 8¾ |
| Mfg. | Reed |
| Type | S516 |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | 394861 |
| Depth Out | |
| Depth In | 3846R |
| Total Ftg. | 13 |
| Total Hr. Run | 3 |
| Cond. of Bit | 1-1 |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 1/100 bbls gel | | | |
| 50 lbs caustic | | | |

Driller

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3746 | 3854 | 13 | R | | | 100 | 20 | 800 | 5½ | 80 | 5½ | | S |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Rig Serv |
| 4:15 | 4:30 | ¼ | | | | | | Circ to Hoist |
| 4:30 | 7:15 | 2¾ | | | | | | Hoist. Balled up Bit |
| 7:15 | 9:45 | 2½ | | | | | | Run in / Bit Ris |
| 9:45 | 10:00 | ¼ | | | | | | Break circulation & circulate to condition hole |
| 10:00 | 12:00 | 2 | | | | | | Reaming from 3846 |

No. 7758

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta SOBC Gulf Ammine Johnson A-12

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

Date: April 7 1973

Weather Condition: 20+ Road Conditions: Rough Nearest Town: Wetaskiwin Water - Source: Lake Miles Hauled: 1½ Pumped: Camp Distance from Rig: 100 yards Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: E. Bowman Leduc Survey

Rig No. 2 — DWKS Ideco 7-11

Drill Pipe String: No. 2, Size 4½

Tool Joint: 6" O.D., Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm 600 | 16 |
| 2. | National | C-105 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | KKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | Jap | 36# K.S. | 19 | 617.93 | 13.90 | 612 KB. | Cemented w 300 sac. |
| | | | | | | | 2% cal |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 2¼ | 4 | 2½ |
| Conditioning Mud & Circulating | 3½ | 4½ | 3 |
| Trips | 1½ | 1 | ¾ |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | ½ | | 1½ |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | 2¾ | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7

No. of Lines 8 Size 1⅛

Feet Slipped 1249

Feet Cut Off 49

Present Length 3751

Ton Mi. or Trips Since Last Cut 5-34

Cumulative Ton Mi. or Trips 1237

No. of Days From Spud 30

Cumulative Rotating Hrs. 185½

core 10½

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit or Stab C.B. | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 120,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 62 Jts.

Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | SCC |
| Type | 1744 |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 2290 R. |
| Total Ftg. | 777 R |
| Total Hr. Run | 14¾ |
| Cond. of Bit | IN. |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 100 bbls Vis gel | | | |
| 50 lbs caustic | | | |
| 60 sac. sawdust | | | |

Driller: Harold Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2676 | 2736 | 60 | R. | | | 110 | 20 | 400 | 5½ | | 5½ | 60 | S. |
| 2560 | 2971 | 411 | R | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 1:00 | ¾ | | | | | | Reaming fill Broke through bridge at 2736 Lost circula |
| 1:00 | 1:30 | ½ | | | | | | Pull out six stands to build volume |
| 1:30 | 5:00 | 3½ | | | | | | Mixing mud & sawdust |
| 5:00 | 5:30 | ½ | | | | | | Run in to Ream Bridged at 2560 |
| 5:30 | 6:30 | 1 | | | | | | Reaming from 2566 to 2590 |
| 6:30 | 7:00 | ½ | | | | | | Run in to 2933 |
| 7:00 | 7:30 | ½ | | | | | | Ream to 2971 |
| 7:30 | 8:00 | ½ | | | | | | Change heads & liners in mm600 pump |

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Subs O.D. | | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | | Ft. |
| | Total | | Ft. |

Wt. of String ____ Lbs.

Pipe in Hole ____ Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1600 | | |

Driller: John Rinda

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2971 | 3627 | 656 | R | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | RIG SERV, √BOPS, √SHUTOFFS |
| 8:15 | 11:00 | 2¾ | | | | | | CLEAN OUT SUCTIONS & VALVES ON MM600 |
| 11:00 | 12:00 | 1 | | | | | | RUN IN 7 STD DRILL PIPE |
| 12:00 | 1:30 | 1½ | | | | | | BRK CIRC, WORK PIPE, LOST CIRC. HOIST 10 STD. |
| 1:30 | 4:00 | 2½ | | | | | | MIX MUD. |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit or Stab C.B. | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 120,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 62 Jts.

Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | SCC |
| Type | 1744 |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | 17¼ R |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| SAWDUST | 135 SAX | | |
| FIBER SEAL | 12 SAX | | |
| GEL | | | |

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3627 | 3642 | 5-5 | R | | | 110 | 20 | 400 | 5½ | 74 | 5½ | | 5 |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | RIG SERV. |
| 4:15 | 7:00 | 2¾ | | | | | | MIX MUD & LOSS CIRC MATERIAL |
| 7:00 | 7:30 | ½ | | | | | | RUN IN 7 STDS. |
| 7:30 | 7:45 | ¼ | | | | | | CIRC TO COND HOLE. |
| 7:45 | 8:00 | ¼ | | | | | | RUN IN 3 STDS |
| 2:00 | 9:30 | 1½ | | | | | | WORK ON HOISTING CLUTCH |
| 9:30 | 12:00 | 2½ | | | | | | REAMING FROM 3620 TO 3642 |

KODAK SAFETY ▲ FILM + ▲

No. 7757

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta 503C. Gulf Amoco Johnson Grid

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

Date: April 6 1973

Weather Condition: clear — Road Conditions: Rough — Nearest Town: Norman Wells — Water - Source: Lake — Camp Distance from Rig: 100 yards — Miles Hauled: 3½ — Pumped ... — Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemagny

Rig No. 2 — DWKS Ideco 7-41

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 6" O.D. — Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm 600 | 16 |
| 2. | National | C 150 B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | Jap | 36# K55 | 19 | 617.83 | 13.90 | 612 KB | cemented w 300 sac 2% calcium |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | ¼ | 5 | 7¾ |
| Conditioning Mud & Circulating | 2¾ | | |
| Trips | 2¾ | 2 | |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | ¾ | ¾ | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size ⅞ |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | 467 |
| Cumulative Ton Mi. or Trips | 1170 |
| No. of Days From Spud | 29 |
| Cumulative Rotating Hrs. | 185½ |
| | core 10½ |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463 4/6 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit ~~Sub~~ O.D. | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120,000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | M44 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 411 sacs | sawdust | | |
| 5000 lbs | gel | | |
| 100 lbs | caustic | | |

Driller: David Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 1:15 | 1 | | | | | | Dumping Sawdust down Annulus in heavy mud |
| 1:15 | 3:00 | 1¾ | | | | | | Mixing gel & sawdust to build volume (gained circulation) |
| 3:00 | 3:45 | ¾ | | | | | | Run in to 2550. |
| 3:45 | 4:30 | ¾ | | | | | | Try to break circulation (Bit plugged with shale) |
| 4:30 | 6:30 | 2 | | | | | | Pull out to clean out Bit |
| 6:30 | 8:00 | 1½ | | | | | | Pump shale out of bottom drill collars |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit ~~Sub~~ O.D. | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120.000 | | Lbs. |
| Pipe in Hole | 111. | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | R.R 13 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | M44 |
| Nozzle No. | OPEN |
| Nozzle Size | |
| Ser. No. | 913590. |
| Depth Out | 2340 |
| Depth In | 2280 R |
| Total Ftg. | 60 R |
| Total Hr. Run | 5 |
| Cond. of Bit | R. |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

| | |
|---|---|
| Time | 400 |
| Weight | 8.9 |
| Visc.-Sec. | 200 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel. | 8200 | | |

Driller: John Bunde

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2280 | 2340 | 60. | R | | | | | | | | | | |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | RIG SERV. √ BOPS. |
| 8:15 | 9:00 | ¾ | | | | | | PUMP PLUGGED DRILL COLLARS |
| 9:00 | 11:00 | 2. | | | | | | RUN IN W/BIT RR13. TO CLEAN OUT |
| 11:00 | 4:00 | 5 | | | | | | REAM FROM 2280 |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 2.70 | Ft. |
| 1 | Bit ~~Sub~~ O.D. | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | 120 000 | | Lbs. |
| Pipe in Hole | 111 | | Jts. |
| Pipe on Racks | 62 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | R.R 13 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | M44 |
| Nozzle No. | OPEN |
| Nozzle Size | |
| Ser. No. | 913590. |
| Depth Out | |
| Depth In | 2280 R |
| Total Ftg. | 396 R |
| Total Hr. Run | 12¾ |
| Cond. of Bit | 1 1 N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

| | |
|---|---|
| Time | 600 |
| Weight | 8.9 |
| Visc.-Sec. | 200 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2340 | 2676 | 336 | R | | | 100 | 25 | 500 | 5½ | 62 | 5½ | | 5 |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | RIG SERV |
| 4:15 | 12:00 | 7¾ | | | | | | REAMING. |

No. 7756

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta SOBS Gulf Amming Schnier A-12

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

Date April 5 1973

Weather Condition Windy | Road Conditions Rough | Nearest Town Norman Wells | Water - Source Lake, Miles Hauled 1/2, Pumped ... | Camp Distance from Rig 100 yards, Reason for Extra L. Plant spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

Rig No. 2 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H., O.D. | 1 Ideco DWKS 724

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm 600 | 16 |
| 2. | National | c150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | Sap | 36 Ks. | 19 | 617.93 | 13.70 | 612 KB | cemented w 300 sacs 2% cal |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 3 | | |
| Conditioning Mud & Circulating | | | |
| Trips | | | |
| Lubricate Rig | ¼ | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 4¾ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | | |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1⅛ |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | 367 |
| Cumulative Ton Mi. or Trips | 1170 |
| No. of Days From Spud | 28 |
| Cumulative Rotating Hrs. | 185½ |
| Core | 10½ |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 24 6¼ I.D. O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | Rmr. Bo[illegible] O.D. | 1.30 | Ft. |
| 1 | Subs 4½ O.D. | 2.70 | Ft. |
| 1 | Bit 5⅝ or C.B. | 2.00 | Ft. |
| | Kelly Down | 33.35 | Ft. |
| | Total | 4026.00 | Ft. |
| Wt. of String | | 112,000 | Lbs. |
| Pipe in Hole | | 111 | Jts. |
| Pipe on Racks | | 62 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | sec |
| Type | 1144 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 1:00 | ¾ | | | | | | Hoist 3 stands & build pressure |
| 1:00 | 2:00 | 1 | | | | | | Hole unloaded lots of heavy shale but pressured up |
| 2:00 | 2:45 | ¾ | | | | | | again Some Returns continued |
| 2:45 | 4:30 | 1¾ | | | | | | Bleed off pressure & run in one stand |
| 4:30 | 5:00 | ½ | | | | | | Building pressure & work pipe at 2586 ft (Hole C |
| 5:00 | 9:00 | 3 | | | | | | Bleed off pressure & break off single to ream at 25 |
| | | | | | | | | Reaming bridge. Hole unloads but brings up very |
| | | | | | | | | Little Shale. Bridge wouldn't clean |

## DAY TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | SEC |
| Type | 1144 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | RIG SERV. / BOP. / SHUT OFF |
| 8:15 | 10:00 | 1¾ | | | | | | REGAIN RETURNS @ 2556 PARTIAL RETURNS |
| 10:00 | 12:00 | 2 | | | | | | HOIST TO MUD UP |
| 12:00 | 4:00 | 4 | | | | | | TEAR OUT AIR HEAD & MIX MUD |

## EVENING TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | sec. |
| Type | 1144 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 2046 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1200 lbs | | |

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | RIG SERV. |
| 4:15 | 8:00 | 3¾ | | | | | | MIX MUD |
| 8:00 | 9:30 | 1½ | | | | | | Run in collars & 2 stands pipe |
| 9:30 | 10:30 | 1 | | | | | | Mixing sawdust through flow nipple with pipe |
| 10:30 | 12:00 | 1½ | | | | | | Dumping sawdust down annulus & rams closed |
| | | | | | | | | chasing with heavy mud |

No. 7755

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA SOBC GULF AMMIN JOHNSON A12 — Date: APRIL 4 1973

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

Weather Condition: — Road Condition: Rough — Nearest Town: MORMAN WELLS — Water - Source: LAKE — Miles Hauled: 1½ — Pumped ... — Camp Distance from Rig: 100 yds. — Reason for Extra L. Plant: Spare.

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. 2 — DWKS IDECO

Drill Pipe String: No. 2 — Size 4½

Tool Joint: Type Thd. E.H. — O.D. 6

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Lapointe

W. W. Miller Leslie Livingstone

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM1000 | 16 |
| 2. | NOI | C1503 | 12 |
| 3. | | | |

## LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | IAP | 36 #KS | 19 | 612.93 | 13.90 | 612 KB. | cemented /w 300 SKS. 2% cal. |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | | | |
| ~~Conditioning Mud~~ & Circulating from 6 | | 5½ | 3½ |
| Trips | 1 | 2½ | 4¼ |
| Lubricate Rig | | ¼ | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 1 | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size ⅝ |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3757 |
| Ton Mi. or Trips Since Last Cut | 400 |
| Cumulative Ton Mi. or Trips | 1103 |
| No. of Days From Spud | 2 ¾ |
| Cumulative Rotating Hrs. | 195-½ |
| Core | 10 ¾ |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 12 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body ~~Float~~ O.D. | 1.30 | Ft. |
| | Subs ~~¼~~ 1/00 O.D. | 2.70 | Ft. |
| | Bit or ~~C.B.~~ nid | 2.00 | Ft. |
| | Kelly Down | 33.35 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 112,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 62 Jts.

Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 OPEN |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Scott Macpherson

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | Rmr. Body ~~Float~~ O.D. | 1.30 | Ft. |
| 1 | Subs ~~¼~~ O.D. | 2.70 | Ft. |
| 1 | Bit or ~~C.B.~~ Sub | 2.00 | Ft. |
| | Kelly Down | 33.35 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 112,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 62 Jts.

Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13 |
| Size | 8¾ |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 1 2 |
| Nozzle Size | 2 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: David Chatten

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| 1 | Stb. Body ~~Float~~ O.D. | 1.30 | Ft. |
| 1 | Stb. Body ~~¼~~ O.D. | 2.70 | Ft. |
| 1 | Rmr. Body ~~Sub~~ O.D. | 2.00 | Ft. |
| | Subs O.D. | | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 33.35 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 112,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 62 Jts.

Total Pipe on Lease 173. Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | RR 13. |
| Size | 8¾ |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 OPEN |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: John Beida

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4026 | | | | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | | | | | | | | PUMPING AIR + FOAM. CAN'T |
| | 1 00 | 1 | | | | | | BREAK CIRC. |
| 1 00 | 1 30 | ½ | | | | | | PULLED 10 STANDS. |
| 1 30 | | | | | | | | PUMPING AIR + STIFF FOAM TO |
| | 3 00 | 3 ½ | | | | | | DISPLACE HOLE |
| 5 00 | 6 00 | 1 | | | | | | PIT ON BOOSTER LINE |
| 6 00 | 6 30 | ½ | | | | | | RUN IN 10 STANDS TO TOP OF FILL |
| 6 30 | | | | | | | | PUMPING AIR + STIFF FOAM TO |
| | 8 00 | 1 ½ | | | | | | DISPLACE HOLE /W FOAM. |

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service, B.O.P. check, Motor shut off check |
| 8:15 | 9:00 | ¾ | | | | | | Try to displace Hole with foam |
| 9:00 | 11:00 | 2 | | | | | | Work six stands pipe out (Hole very tight) |
| 11:00 | 1:00 | 2 | | | | | | Try to displace hole with foam |
| 1:00 | 1:30 | ½ | | | | | | Bleed off pressure to pull two stands |
| 1:30 | 4:00 | 2½ | | | | | | Build pressure to try and displace the hole with foam (couldn't get returns) |

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4026 | | | | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | RIG SERV, √ BOPS. |
| 4:15 | 5:00 | ¾ | | | | | | BLEED OFF PRESSURE & HOIST 6 STDS |
| 5:00 | 6:30 | 1½ | | | | | | BUILD PRESSURE TO DISPLACE. PARTIAL RETURNS |
| 6:30 | 7:15 | ¾ | | | | | | BLEED OFF PRESSURE & HOIST 4 STDS |
| 7:15 | 7:45 | ½ | | | | | | BUILD PRESSURE TO DISPLACE. RETURN. |
| 7:45 | 9:45 | 2 | | | | | | BLEED PRESSURE TO RUN 5 STDS |
| 9:45 | 10:00 | ¼ | | | | | | RUN 5 STDS. |
| 10:00 | 11:30 | 1½ | | | | | | BUILD PRESSURE PARTIAL RETURNS HOLE BRIDGED |
| 11:30 | 12:00 | ½ | | | | | | BLEED PRESSURE TO HOIST 3 STDS (2770) |

7754

GUTHRIE McLAREN Drilling Co.

# DAILY DRILLING REPORT

Form 6

Lease or Well Name: DECALTA SOBC GULF — AMMIN JOHNSON A12
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: APRIL 3 1973

Weather Condition: 10° + MILD — Road Conditions: ROUGH — Nearest Town: NORMAN WELLS — Water - Source: LAKE — Miles Hauled: 5 — Pumped ____ — Camp Distance from Rig: 1000 YDS. — Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. W. Miller — A. Bardford — Leslie Swaney

Rig No. 2 — DWKS IDECO

Drill Pipe String: No. ____ Size 4½

Tool Joint: Type Thd. F.H. — 6" O.D.

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | F. IDECO | MM 600 | 16 |
| 2. | NAT | C 150 B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | JAP | 36# KS. | 19 | 6121.93 | 13.90 | 6126. KB. | CEMENTED |
| | | | | | | | W 300 SKS. 2% CAL. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 2 3/4 | | 5 |
| Conditioning Mud & Circulating | 4 1/2 | 1/2 | |
| Trips | 1/2 | 13 | 13/4 |
| Lubricate Rig | 1/4 | 1/4 | 1/4 |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | 4½ | 1 |
| Fishing | | | |

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 18 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 2 |
| No. of Lines | 8 Size 1 1/8 |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | 400 |
| Cumulative Ton Mi. or Trips | 1103 |
| No. of Days From Spud | 25 |
| Cumulative Rotating Hrs. | 185 1/2 |
| CORE | 10 3/4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.40 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2 1/4 6 1/4 I.D. O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs O.D. | 2.70 | Ft. |
| 1 | Bit ~~or C.B.~~ | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.00 | Ft. |

Wt. of String 120,000 Lbs.
Pipe in Hole 111 Jts.
Pipe on Racks 62 Jts.
Total Pipe on Lease 173 Jts.

**BIT RECORD**

| | |
|---|---|
| Bit No. | RR. 12 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44NG-J |
| Nozzle No. | 3 |
| Nozzle Size | 20 |
| Ser. No. | 331669 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 12100# | |
| CAUSTIC | | 200# | |
| SAWDUST | | 55 SKS. | |

Driller: F. McCarthur

**FOOTAGE**

| From | To | Ftge. | DR-D PM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4026 | | | | | | | | | | | | | |

Deviation Record — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | 1/4 | | | | | | RIG SERVICE |
| 12:15 | 1:00 | 3/4 | | | | | | CLEAN FILL 150 FT OFF BOTTOM. |
| 1:00 | | | | | | | | LOSSING MUD. UNTILL OUT OF SUCTION. |
| | 3:30 | 2 1/2 | | | | | | BUILD UP VOLUMEN MIXING |
| 3:30 | | | | | | | | GEL HEAVY THICK SLURRY W/ SAWDUST |
| | 5:30 | 2 | | | | | | FINISHED CLEANING TO BOTTOM. |
| 5:30 | 6:00 | 1/2 | | | | | | LOSSING MUD OUT OF SUCTION. |
| 6:00 | | | | | | | | FILL OUT 2000 FT OFF BOTTOM. |
| | 8:00 | 2 | | | | | | BUILD UP VOLUMEN MIXING GEL. |
| | | | | | | | | CLEAN OUT SETTING TANKS 1/2 FULL OF CAVINGS. |
| | | | | | | | | FUEL 5 gpt. 6 mech. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.40 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2 1/4 6 1/4 I.D. O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs O.D. | 2.70 | Ft. |
| 1 | Bit ~~or C.B.~~ | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.60 | Ft. |

Wt. of String 120,000 Lbs.
Pipe in Hole 111 Jts.
Pipe on Racks 62 Jts.
Total Pipe on Lease 173 Jts.

**BIT RECORD**

| | |
|---|---|
| Bit No. | RR 12 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44NG-J |
| Nozzle No. | 3 |
| Nozzle Size | 20 |
| Ser. No. | 331669 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | 5 1/2 REAMED |
| Cond. of Bit | 5-5-1 |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 280 bags sawdust | | | |
| 30 bags Water lock | | | |
| 12,000 lbs gel | | | |
| 200 lbs caustic | | | |

Driller: David Chatham

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4026 | | | | | | | | | | | | | |

Deviation Record — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | 1/4 | | | | | | Rig Service, B.O.P Check, Motor shut off check |
| 8:15 | 9:45 | 1 1/5 | | | | | | Build up volume & mix gel |
| 9:45 | 11:30 | 1 3/4 | | | | | | Finish out of hole to rig for stiff foam |
| 11:30 | 4:00 | 4 1/2 | | | | | | Rigging up air equipment to drill with stiff foam |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.40 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2 1/4 6 1/4 I.D. O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 2 | Subs O.D. | 2.70 | Ft. |
| 1 | Bit ~~or C.B.~~ | 2.00 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4026.05 | Ft. |

Wt. of String 120,000 Lbs.
Pipe in Hole 111 Jts.
Pipe on Racks 62 Jts.
Total Pipe on Lease 173 Jts.

**BIT RECORD**

| | |
|---|---|
| Bit No. | RR 6 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 1 2 |
| Nozzle Size | 20 open |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 4026 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

**MUD RECORD**

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| SAWDUST | 20 SKS. | | |

Driller: D. McCarthur

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | 1/4 | | | | | | Rig Service |
| 4:15 | 5:15 | 1 | | | | | | Run in with bit #RR6 |
| 5:15 | 9:15 | 4 | | | | | | Reaming bridge at 2500 ft. |
| 9:15 | 10:00 | 3/4 | | | | | | RUN IN TO Bottom 150' FILL |
| 10:00 | 11:00 | 1 | | | | | | CLEAN OUT OF FILL. RUN OUT OF VOLUMEN LOSSING MUD. |
| 11:00 | 12:00 | 1 | | | | | | CHANGE OVER TO FOAM |

No. 7753

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA SO. BC Co. LS. Amin Johnson A-12
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: April 2 1973

Weather Condition: 14° M: Id. Road Conditions: Rough Muddy. Nearest Town: Nolan Wells. Water - Source: Lake. Miles Hauled: 3 3/4 Pumped: ___ Camp Distance from Rig: 100 yds. Reason for Extra L. Plant: Spare

OPERATOR: Western De Calta.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. W. Miller / Luke Smith

| Rig No. | Drill Pipe String No. | Drill Pipe String Size | Tool Joint | Type Thd. |
|---|---|---|---|---|
| 2 DWKS IDECO 944 | 2 | 4½ | 6" O.D. | F.H. |

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NWL. | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | SMP | 36# K55 | 17 | 612.93 | 13.00 | 618 | Cemented with 300 SKS Cement + 2% CaCl. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | 6¾ |
| Reaming | | 4 | |
| Conditioning Mud & Circulating | 3 | ¾ | |
| Trips | 1 | ¾ | 1 |
| Lubricate Rig | | ¼ | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 4 | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1 1/8 |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 21 |
| Cumulative Rotating Hrs. | 185½ |
| CORE | 10¾ |
| REAM. | 4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | | FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | Stands D.P. | 3463.46 Ft. | Bit No. | 12 | Time | | 4026 | | | | | | | | | | | | | |
| | Singles D.P. | Ft. | Size | 8¾ | Weight | 9.0 | | | | | | | | | | | | | | |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 Ft. | Mfg. | SEC | Visc.-Sec. | 150 | | | | | | | | | | | | | | |
| | D.C. I.D. O.D. | Ft. | Type | M4NG-J | W.L.-C.C. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle No. | 3 | FL TR. CK. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle Size | 20 | PH | | | | | | | | | | | | | | | |
| | Rmr. Body O.D. | Ft. | Ser. No. | 331669 | SD. Cont. % | | | | | | | | | | | | | | | |
| 1 | Subs 4½ O.D. | 2.70 Ft. | Depth Out | | Pressure Gradient | | | | | | | | | | | | | | | |
| 1 | Bit or C.B. | 2.00 Ft. | Depth In | 3947 | | | | | | | | | | | | | | | | |
| | Kelly Down | 34.65 Ft. | Total Ftg. | 79 | Mud & Chemicals Added | | | | | | | | | | | | | | | |
| | Total | 4026.00 Ft. | Total Hr. Run | 8¾ | Type | Amt. | Type | Amt. | | | | | | | | | | | | |
| Wt. of String | 120,500 Lbs. | | Cond. of Bit | 1-1-1 | GEL | 6500 | | | | | | | | | | | | | | |
| Pipe in Hole | 111 Jts. | | Reamer No. | | CAUSTIC | 100# | | | | | | | | | | | | | | |
| Pipe on Racks | 62 Jts. | | Reamer Type | | SAWDUST | 100 SKS. | | | | | | | | | | | | | | |
| Total Pipe on Lease | 173 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | Driller | | | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 3:00 | 3 | | | | | | COND. MUD MIX GEL FOR LOST CIRC. |
| 3:00 | 3:30 | ½ | | | | | | PULL COLLARS OUT |
| 3:30 | 5:30 | 2 | | | | | | TAKE OFF ROTARY HEAD AND BOOTE LINE INSTALL FLOW NIPPLE AND FLOW LINE. |
| 5:30 | 6:00 | ½ | | | | | | RUN IN COLLARS. (DOWN ANNULUS) |
| 6:00 | 5:00 | 2 | | | | | | DUMPING SAWDUST PUMPING MUD TROUGH FILL HOLE |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | | FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | Stands D.P. | 3463.46 Ft. | Bit No. | RR 12 | Time | 4:00 | | | | | | | | | | | | | | |
| | Singles D.P. | Ft. | Size | 8¾ | Weight | 8.9 | | | | | | | | | | | | | | |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 Ft. | Mfg. | SEC | Visc.-Sec. | 260 | | | | | | | | | | | | | | |
| | D.C. I.D. O.D. | Ft. | Type | M4NG-J | W.L.-C.C. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle No. | 3 | FL TR. CK. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle Size | 20 | PH | | | | | | | | | | | | | | | |
| | Rmr. Body O.D. | Ft. | Ser. No. | 331669 | SD. Cont. % | | | | | | | | | | | | | | | |
| 1 | Subs 4½ O.D. | 2.70 Ft. | Depth Out | | Pressure Gradient | | | | | | | | | | | | | | | |
| 1 | Bit or C.B. | 2.00 Ft. | Depth In | 4026 | | | | | | | | | | | | | | | | |
| | Kelly Down | 34.65 Ft. | Total Ftg. | Reaming | Mud & Chemicals Added | | | | | | | | | | | | | | | |
| | Total | 4026.00 Ft. | Total Hr. Run | | Type | Amt. | Type | Amt. | | | | | | | | | | | | |
| Wt. of String | 120,000 Lbs. | | Cond. of Bit | IN | 95 00 lbs gel | | | | | | | | | | | | | | | |
| Pipe in Hole | 111 Jts. | | Reamer No. | | 100 lbs Caustic | | | | | | | | | | | | | | | |
| Pipe on Racks | 62 Jts. | | Reamer Type | | 15 bags Interlok | | | | | | | | | | | | | | | |
| Total Pipe on Lease | 173 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | Driller | David Chatten | | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 9:00 | 9:15 | ¼ | | | | | | Rig Service B.O.P check, Motor shut off check |
| 9:15 | 9:00 | ¾ | | | | | | Mix mud & pour sawdust down annulus |
| 9:00 | 9:45 | ¾ | | | | | | Run in to 2500 ft (Hole bridged off) |
| 9:45 | | | | | | | | Reaming bridge from 2500 ft |
| | 4:00 | 6¼ | | | | | | Hole sluffing in and wouldn't clean |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | | FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | Stands D.P. | 3463.46 Ft. | Bit No. | BR. 12 | Time | | | | | | | | | | | | | | | |
| | Singles D.P. | Ft. | Size | 8¾ | Weight | HEAVY | | | | | | | | | | | | | | |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 Ft. | Mfg. | SEC | Visc.-Sec. | SWARY 200 | | | | | | | | | | | | | | |
| | D.C. I.D. O.D. | Ft. | Type | M4NG-J | W.L.-C.C. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle No. | 3 | FL TR. CK. | | | | | | | | | | | | | | | |
| | Stb. Body O.D. | Ft. | Nozzle Size | 20 | PH | | | | | | | | | | | | | | | |
| | Rmr. Body O.D. | Ft. | Ser. No. | 331669 | SD. Cont. % | | | | | | | | | | | | | | | |
| 1 | Subs 4½ O.D. | 2.70 Ft. | Depth Out | | Pressure Gradient | | | | | | | | | | | | | | | |
| | Bit or C.B. | 2.00 Ft. | Depth In | 4026 | | | | | | | | | | | | | | | | |
| | Kelly Down | 34.65 Ft. | Total Ftg. | | Mud & Chemicals Added | | | | | | | | | | | | | | | |
| | Total | 4026.00 Ft. | Total Hr. Run | | Type | Amt. | Type | Amt. | | | | | | | | | | | | |
| Wt. of String | 120,000 lbs. | | Cond. of Bit | IN | GEL | 10000 # | | | | | | | | | | | | | | |
| Pipe in Hole | 111 Jts. | | Reamer No. | | CAUSTIC | 100 # | | | | | | | | | | | | | | |
| Pipe on Racks | 62 Jts. | | Reamer Type | | INTERLOK | 14 SKS. | | | | | | | | | | | | | | |
| Total Pipe on Lease | 173 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | | | | | | | | | | | | | | | | |
| | | | Trucker | | Driller | | | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Rig Service |
| 4:15 | | | | | | | | Reaming to bottom (hole wouldn't clean due to sluffing shale) |
| | 10:00 | 5¾ | | | | | | AT 2400 TO 2500 FT. |
| 10:00 | 11:00 | 1 | | | | | | FINISHED IN 180 FT. OFF BOTTOM FILL. |
| 11:00 | 12:00 | 1 | | | | | | CLEAN FILL 180 FT. OFF BOTTOM. |

No. 7752

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease / Well No. Decalta SOBC Bulk / Cannon Johnson #12 — Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. — Date April 1 1993

Weather Condition Storm — Road Condition Rough — Nearest Town Nanton — Water - Source Lake — Miles Hauled 1/2 — Pumped ___ — Camp Distance from Rig 100 yds — Reason for Extra L. Plant Spare

OPERATOR: Sexton Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Lloyd Swiney

Rig No. 2 (DWKS) — Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd F.H., O.D. 6"

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1 | Ideco | MW-600 | 16 |
| 2 | Nat. | C-150B | 12 |
| 3 | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | IPSCO | 36# K55. | 19 | 612.93 | 13.90 | 626 KB. | cemented /w 300 SKS-2% cal. |

## MORNING TOUR

TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 3½ | 2 | 1¼ |
| Reaming fill | 2 | | |
| Conditioning Mud & Circulating | | 2 | |
| Trips | 1¾ | 2 | |
| Lubricate Rig | ¼ | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | ½ | | |
| Fishing | | | |

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | 8 | 4 | |
| Totals | | | |

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 1 |
| No. of Lines | 8 Size 7/8 |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 23 |
| Cumulative Rotating Hrs. | 185½ |
| CORE | 12¾ |
| REAM | 4 |

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs ~~7/8~~ O.D. | 2.70 | Ft. |
| 1 | Bit ~~2nd~~ O.D. | 2.00 | Ft. |
| | Kelly Down | 30.65 | Ft. |
| | Total | 4022.00 | Ft. |

Wt. of String 120,000 Lbs. — Pipe in Hole 111 Jts. — Pipe on Racks 62 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 12 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG-J |
| Nozzle No. | 3 |
| Nozzle Size | 20 |
| Ser. No. | 331669 |
| Depth Out | |
| Depth In | 3947 |
| Total Ftg. | 53 |
| Total Hr. Run | 3½ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

| | | | |
|---|---|---|---|
| Time | | | |
| Weight | | | 8.8 |
| Visc.-Sec. | | | 38 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 69 00 | | |
| CAUSTIC | 50 # | | |
| INTERLOK | 45 KS. | | |

Driller Gerald Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3947 | 4000 | 53 | D | | | 75 | 35 | 350 | 5½ | 50 | 5½ | | (5) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 15 | ¼ | | | | | | Rig Service |
| 12 15 | 1 00 | ¾ | | | | | | Run in /w Bit No. 12 |
| 1 00 | 1 30 | ½ | | | | | | Install Rubber on Rotary Head |
| 1 30 | 2 30 | 1 | | | | | | Clean Bridge at 1150 ft. |
| 2 30 | 3 30 | 1 | | | | | | Finished /in Bit. |
| 3 30 | | | | | | | | Break Circ /w Aerated Mud |
| | 4 30 | 1 | | | | | | and Clean to Bottom 20 ft. |
| 4 30 | 5 00 | 3½ | | | | | | Drilling 8¾ /w Aerated Mud. |

Fuel 4 ft down.

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs ~~7/8~~ O.D. | 2.70 | Ft. |
| 1 | Bit ~~2nd~~ O.D. | 2.60 | Ft. |
| | Kelly Down | 30.65 | Ft. |
| | Total | 4022 | Ft. |

Wt. of String 120 000 Lbs. — Pipe in Hole 111 Jts. — Pipe on Racks 62 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 12 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG-J |
| Nozzle No. | 3 |
| Nozzle Size | 20 |
| Ser. No. | 331669 |
| Depth Out | |
| Depth In | 3947 |
| Total Ftg. | 75 |
| Total Hr. Run | 5½ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 9:00 | | |
| Weight | 8.7 | | |
| Visc.-Sec. | 38 | | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | 10.0 | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 600 lbs gel | | | |
| 350 lbs caustic | | | |
| 6 bags Interlok | | | |

Driller Gerald Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4000 | 4022 | 22 | D | | | 75 | 35 | 350 | 5½ | 20 | 5½ | | 5 |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 10:00 | 2 | | | | | | Drilling 8¾ hole /w aerated mud (partial returns) |
| 10:00 | 11:30 | 1½ | | | | | | Pull out 2 stands pipe (Ran out of water) |
| | | | | | | | | Hole tight off bottom |
| 11:30 | 1:30 | 2 | | | | | | Mix mud & wait on water |
| 1:30 | 4:00 | 2½ | | | | | | Run in & Ream 60 ft of fill to bottom |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 37 | Stands D.P. | 3463.46 | Ft. |
| | Singles D.P. | | Ft. |
| 17 | D.C. 2¼ I.D. 6¼ O.D. | 523.19 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs ~~7/8~~ O.D. | 2.70 | Ft. |
| 1 | Bit ~~2nd~~ O.D. | 2.60 | Ft. |
| | Kelly Down | 34.65 | Ft. |
| | Total | 4021.00 | Ft. |

Wt. of String 120,000 Lbs. — Pipe in Hole 111 Jts. — Pipe on Racks 62 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 12 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG-J |
| Nozzle No. | 3 |
| Nozzle Size | 20 |
| Ser. No. | 331669 |
| Depth Out | |
| Depth In | 3947 |
| Total Ftg. | 29 |
| Total Hr. Run | 5 3/4 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

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

Driller Gerald Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4022 | 4026 | 4 | D | | | 75 | 35 | 350 | 5½ | 50 | 5½ | | (5) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Reaming Fill To bottom (No Returns) |
| 4:15 | 4:30 | ¼ | | | | | | Drilling 8¾" hole with aerated mud (no returns) |
| 4:30 | 7:30 | 3 | | | | | | Pull out of hole to build volume in section |
| | | | | | | | | (Hole Tight) |
| 7:30 | 10 00 | 2½ | | | | | | WAIT ON WATER. To Build Volume |
| 10 00 | 12 00 | 2 | | | | | | MIX GEL FOR LOST CIRC. |

No. 7751

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease or Name: Peralta Sobc. Gulf. Ammin Johnston #12 — Date: March 31, 1973

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

Weather Condition: Warm. Road Condition: Rough. Nearest Town: Wills. Water - Source: Lake. Miles Haul: 1/2. Pumped ___ Camp Distance from Rig: 1/2 mile. Reason for Extra L. Plant: Safety.

OPERATOR: Subsidiary Peralta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swayze

Rig No. Dwks Idaho Rig 4 — Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd E.H., 6" O.D.

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Oilwell | A.M.600 | 16 |
| 2. | Nat. | C150B | 12 |
| 3. | | | |

## LAST CASING TUBING OR LINER

| | Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| CASING | 9 5/8 | Jap | 36# K5. | 19 | 612.93 | 13.00 | 612. | KB. remounted 1/4 |
| TUBING OR LINER | | | | | | | | 300 sks. Lafarge. |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1/8 |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | |
| Cumulative Rotating Hrs. | 179 3/4 |
| CORE | 10 3/4 |
| REAM | 4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | Ft. | Bit No. | 11 |
| 1 | Singles D.P. | 3401.06 Ft. | Size | 8 3/4 |
| 17 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 523.19 Ft. | Mfg. | SEC |
| | | | Type | M4NJG |
| | D.C. I.D. O.D. | Ft. | Nozzle No. | OPEN |
| | | | Nozzle Size | |
| | Stb. Body O.D. | Ft. | Ser. No. | 331492 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3944 |
| 1 | Subs 7 3/4 O.D. | 2.70 Ft. | Total Ftg. | 3 |
| 1 | Bit or Stb. | 2.00 Ft. | Total Hr. Run | 1/4 |
| | Kelly Down | 18.05 Ft. | Cond. of Bit | T-B1 |
| | Total | 3942.00 Ft. | Reamer No. | |
| Wt. of String | 110,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 109 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 64 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

## MUD RECORD

| | | | |
|---|---|---|---|
| Time | | | |
| Weight | | 90 | |
| Visc.-Sec. | | 150 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | 10.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 3800 | # |
| CAUSTIC | | 100 | # |

Driller: L. McCutcheon

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3944 | 3947 | 3 | D | | | 75 | 30 | 600 | 5½ | 60 | 5½ | | (S) |

Deviation Record: Depth / Dev. / Direction

## DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 15 | 1/4 | | | | | | Rig Service. |
| 12 15 | 4 45 | 4 1/2 | | | | | | Clean to Bottom from 3820 to 3944 & in 4" Fill. |
| 4 45 | 5 00 | 1/4 | | | | | | Drill 8 3/4 Hole full returns Still loosing some out of mud. To build volumen. |
| 5 00 | 7 30 | 2 1/2 | | | | | | Full out of hole slow. |
| 7 30 | 8 00 | 1/2 | | | | | | Unit on Gel |
| | | | | | | | | 5 ft. 6 in. fuel. |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | Ft. | Bit No. | 12 |
| 1 | Singles D.P. | 3401.06 Ft. | Size | 8 3/4 |
| 17 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 523.19 Ft. | Mfg. | SEC |
| | | | Type | M4NJGJ |
| | D.C. I.D. O.D. | Ft. | Nozzle No. | 3 |
| | | | Nozzle Size | 20 |
| | Stb. Body O.D. | Ft. | Ser. No. | 331669 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3947 |
| 1 | Subs 7 3/4 O.D. | 2.70 Ft. | Total Ftg. | |
| 1 | Bit or Stb. | 2.00 Ft. | Total Hr. Run | |
| | Kelly Down | 18.05 Ft. | Cond. of Bit | |
| | Total | 3947.05 Ft. | Reamer No. | |
| Wt. of String | 110,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 109 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 64 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

## MUD RECORD

| | | | |
|---|---|---|---|
| Time | | | 4.50 |
| Weight | | | 8.4 |
| Visc.-Sec. | | | 50 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 125 lbs | | Hagatrent | |
| 3000 lbs | | Gel | |

Driller: David Chatham

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

## DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | |
|---|---|---|---|---|---|---|---|---|
| 8-00 | 8.15 | 1/4 | | | | | | Rig Service, B.O.P Check, Motor shut off check |
| 8:15 | 4:00 | 7 3/4 | | | | | | Rig up to drill with aireated mud |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | Ft. | Bit No. | |
| 1 | Singles D.P. | 3401.06 Ft. | Size | |
| 17 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 523.19 Ft. | Mfg. | |
| | | | Type | |
| | D.C. I.D. O.D. | Ft. | Nozzle No. | |
| | | | Nozzle Size | |
| | Stb. Body O.D. | Ft. | Ser. No. | |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | |
| 1 | Subs 7 3/4 O.D. | 2.70 Ft. | Total Ftg. | |
| 1 | Bit or Stb. | 2.00 Ft. | Total Hr. Run | |
| | Kelly Down | 18.05 Ft. | Cond. of Bit | |
| | Total | 3947.00 Ft. | Reamer No. | |
| Wt. of String | 110,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 109 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 64 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

## MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| (INTERGEL FIBER SEAL) | | 13.5 sks. | |

Driller: Leslie McCutcheon

## FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth / Dev. / Direction

## DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 8:00 | 4 | | | | | | Rig up to drill with aireated mud & change from 2" Kelly to 4½" Kelly |
| 8:00 | 12:00 | 4 | | | | | | Grid on Kelly so Kelly Drive Wood Skid on Kelly. To Rotary Head for Air Drilling. |

No. 7750

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Peralta Lobe Fuhr Amarin Johnson A12

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

Date: March 30, 1973

Weather Condition: Norm. Road Condition: Rough Nearest Town: Drumheller Water - Source: Lake Miles Haul: 12 Pumped ___ Camp Distance from Rig: 150 yds Reason for Extra L. Plant: Standing.

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Wm Bowen - Leslie Lumley

Rig No. Twin Dykes Drill

Drill Pipe String: No. 3, Size 4½, Type Thd. F.H.

Tool Joint: 6" O.D.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | MM6000 | 16 |
| 2. | Nat. | P-150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | Jap | 36# K.S. | 19 | 610.93 | 13.90 | 610.93 | KB. cemented (w 300 sks. 2% cal. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | fill | | 2 |
| Conditioning Mud & Circulating | | | |
| Trips | 3/4 | 2½ | |
| Lubricate Rig | 1/4 | 1¼ | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | 7 | 3¼ |
| Fishing | | | |

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | |
| No. of Lines | Size |
| Feet Slipped | |
| Feet Cut Off | |
| Present Length | |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | |
| Cumulative Rotating Hrs. | |
| CORE | 10 3/4 |
| REAM. | 4. |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 30 | Stands D.P. | Ft. | Bit No. | 10 |
| 2 | Singles D.P. | 3432.14 Ft. | Size | 8 3/4 |
| | D.C. 2 1/4 I.D. 7 O.D. | | Mfg. | SEC |
| 2 | D.C. 2 1/4 I.D. 6¼ O.D. | 61.37 Ft. | Type | M4NG |
| | D.C. 2 1/4 I.D. 6¼ O.D. | | Nozzle No. | open |
| 13 | | 401.07 Ft. | Size | |
| | Stb. Body O.D. | Ft. | Ser. No. | 91855 |
| | Stb. Body O.D. | Ft. | Depth Out | 3944 |
| | Rmr. Body O.D. | Ft. | Depth In | 3864 |
| 1 | Sub O.D. | 4.00 Ft. | Total Ftg. | 80 |
| 1 | Bit or C.B. sub | 4.00 Ft. | Total Hr. Run | 5 3/4 |
| | Kelly Down | 41.42 Ft. | Cond. of Bit | 1-4-1 |
| | Total | 3944.08 Ft. | Reamer No. | |
| Wt. of String | 120,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 110 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 63 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Thomas Carthew

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | | | | | | | | WORK TIGHT PIPE OUT OF |
| | 2:00 | 7 | | | | | | HOLE TO APPOX. 3200 FT. |
| 7:00 | 8:00 | 1 | | | | | | PULL OUT OF HOLE TO COLLARS |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | Ft. | Bit No. | 11 |
| 11 | Singles D.P. | 3482.06 Ft. | Size | 8 3/4 |
| | D.C. 2 1/4 I.D. 6¼ O.D. | | Mfg. | Sec |
| 17 | D.C. I.D. O.D. | 523.19 Ft. | Type | M4NG |
| | D.C. I.D. O.D. | | Nozzle No. | open |
| | | Ft. | Size | |
| | Stb. Body O.D. | Ft. | Ser. No. | 337492 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3944 |
| 1 | Subs O.D. | 2.70 Ft. | Total Ftg. | |
| 1 | Bit or C.B. Sub | 2.00 Ft. | Total Hr. Run | |
| | Kelly Down | 15.05 Ft. | Cond. of Bit | |
| | Total | 3944.00 Ft. | Reamer No. | |
| Wt. of String | 110,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 109 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 64 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| | | | |
| 300 sacs sawdust | | | |
| 8500 lbs gel | | | |
| 100 lbs caustic | | | |

Driller: Daniel Chatter

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3944 | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:30 | 8:45 | ¼ | | | | | | Rig Service, B.O.P check, water shut off check |
| 8:45 | 9:00 | ¼ | | | | | | Finish out of hole |
| 9:30 | | | | | | | | Lay down 7" collars & pick up five 6" collars |
| | | | | | | | | Break down 6¼" collars & check threads |
| | | | | | | | | Lay down top hole collar, broken threads |
| | | | | | | | | Dump & clean mud tanks & mix gel for lost circulation |
| | 3:30 | 6½ | | | | | | |
| 3:30 | 4:00 | ½ | | | | | | Dump sawdust down annulus & chase down with heavy mud |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 30 | Stands D.P. | Ft. | Bit No. | 11 |
| 1 | Singles D.P. | 3401.06 Ft. | Size | 8 3/4 |
| | D.C. 2 1/4 I.D. 6¼ O.D. | | Mfg. | Sec |
| 17 | D.C. I.D. O.D. | 523.19 Ft. | Type | M4NG |
| | D.C. I.D. O.D. | | Nozzle No. | open |
| | | Ft. | Size | |
| | Stb. Body O.D. | Ft. | Ser. No. | 337492 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3944 |
| 1 | Sub O.D. | 2.70 Ft. | Total Ftg. | |
| 1 | Bit or C.B. sub | 2.00 Ft. | Total Hr. Run | |
| | Kelly Down | 15.05 Ft. | Cond. of Bit | |
| | Total | 3944.00 Ft. | Reamer No. | |
| Wt. of String | 110,000 Lbs. | | Reamer Type | |
| Pipe in Hole | 109 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | 64 Jts. | | Trucker | |
| Total Pipe on Lease | 173 Jts. | | Trucker | |
| | | | Trucker | |

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| SAWDUST | 60 SKS. | | |
| GEL | 8900 # | | |
| CAUSTIC | 100 # | | |

Driller: Robert McCutcheon

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3944 | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 7:15 | 3¼ | | | | | | Dumping Sawdust down annulus & chasing |
| 7:15 | 7:30 | ¼ | | | | | | with heavy mud. (Regained circulation) |
| | | | | | | | | Rig Service |
| 7:30 | 9:30 | 1 | | | | | | Run in hole with bit no #11 |
| 9:30 | 10:30 | 2 | | | | | | CLEAN OUT BRIDGE AT 2300 |
| | | | | | | | | - 2400 FT. |
| 10:30 | 12:00 | 1½ | | | | | | RUN IN jw BIT No. 11. |

No. 7749

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease or Well Name: DECALTA SEC. GULF RMMIN JOHNSON A12
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. M

Date: MARCH 29, 1973

Weather Condition: Rough. Road Conditions: Rough. Nearest Town: Tompson Water - Source: Wells Miles Hauled: 3½ Pumped: Lake Camp Distance from Rig: 1 Reason for Extra L. Plant: Standby

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A Bandst - Leslie Langley

Rig No. 2 (DDW 55 C-11) | Drill Pipe String: No. — Size 4½ | Tool Joint: Type Thd. F.H. O.D. 6"

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Oilco | KM600 | 16 |
| 2. | Nat. | C-1503 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | JAP | 36# K55 | 19 | 612.93 | 13.20 | 612 K.B. | cemented in 300 SKS. + 2% cal. |

TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | 4 | 1 3/4 |
| Reaming | | | 1/2 |
| Conditioning Mud & Circulating | 10 | | |
| Trips | 1 | 2 1/4 | 3 1/4 |
| Lubricate Rig | | 1/4 | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | 1 | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement WATER | | | 2 1/4 |
| Drill Stem Test | | | |
| Other | | 1 1/2 | 2 1/4 |
| Fishing | | | |

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 5 | 8 | 8 |

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1⅛ |
| Feet Slipped | 1249 |
| Feet Cut Off | 49 |
| Present Length | 3751 |
| Ton Mi. or Trips Since Last Cut | 77 |
| Cumulative Ton Mi. or Trips | 790 |
| No. of Days From Spud | 20 |
| Cumulative Rotating Hrs. | 179 1/2 |
| CORE | 10 3/4 |
| REAM | 4 hrs |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 36 | Stands D.P. | 3370.48 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. O.D. | 61.37 | Ft. |
| 13 | D.C. 2 6/64 I.D. O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Sub 6 O.D. | 4.00 | Ft. |
| 1 | Bit or C.B. | 4.00 | Ft. |
| | Kelly Down | 23.09 | Ft. |
| | Total | 3864.00 | Ft. |

Wt. of String 104,000 Lbs.
Pipe in Hole 108 Jts.
Pipe on Racks 65 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 10 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | 911855 |
| Depth Out | |
| Depth In | 3864 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 4000# | |
| CAUSTIC | | 150# | |
| SAWDUST | | 160 SKS. | |

Driller: Leslie Langley

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | | | | | | | | MIX GEL & DUMPING SAWDUST DOWN ANNULUS. |
| | 6:00 | 6 | | | | | | GRINED RETURNS. |
| 6:00 | 7:00 | 1 | | | | | | PULL COLLARS TO CHANGE BIT AND RUN IN SAME. LOST RETURNS. |
| 7:00 | 8:00 | 1 | | | | | | SLIP AND CUT DRILLING LINE. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 36 | Stands D.P. | | Ft. |
| 2 | Singles D.P. | 343.14 | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ 6¼ I.D. O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Sub XO O.D. | 4.00 | Ft. |
| 1 | Bit or C.B. | 4.00 | Ft. |
| | Kelly Down | 17.42 | Ft. |
| | Total | 3920.00 | Ft. |

Wt. of String 112,000 Lbs.
Pipe in Hole 110 Jts.
Pipe on Racks 63 jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 10 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | 911855 |
| Depth Out | |
| Depth In | 3864 |
| Total Ftg. | 56 |
| Total Hr. Run | 4 |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 4300 lbs gel | | | |
| 200 lbs caustic | | | |
| 55 sacs. sawdust | | | |

Driller: David Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3864 | 3920 | 56 | D | | | 40 | 35 | 300 | 5½ | 40 | 5½ | | 5 |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service, B.O.P check, motor shut off check |
| 8:15 | 9:30 | 1¼ | | | | | | Run in to bottom to drill |
| 9:30 | 1:30 | 4 | | | | | | Drilling 8¾" hole (partial returns) |
| 1:30 | 2:30 | 1 | | | | | | Pull out of hole to build volume in suction |
| 2:30 | 4:00 | 1½ | | | | | | Wait on water |

RIG INSPECTED BY G. WOOD, CONSERVATION ENGINEER, D.I.A.N.D.

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 32 | Stands D.P. | | Ft. |
| 2 | Singles D.P. | 343.14 | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ 6¼ I.D. O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Sub XO O.D. | 4.00 | Ft. |
| 1 | Bit or C.B. | 4.00 | Ft. |
| | Kelly Down | 41.42 | Ft. |
| | Total | 3944.00 | Ft. |

Wt. of String 112,000 Lbs.
Pipe in Hole 110 Jts.
Pipe on Racks 63 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 10 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M4NG |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | 911855 |
| Depth Out | |
| Depth In | 3864 |
| Total Ftg. | 80 |
| Total Hr. Run | 5 3/4 |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

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

Driller: David Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3920 | 3944 | 24 | D | | | 30 | 35 | 320 | 5½ | 40 | 5½ | | 5 |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 6:15 | 2¼ | | | | | | Wait on water |
| 6:15 | 7:00 | ¾ | | | | | | Run in hole, |
| 7:00 | 7:30 | ½ | | | | | | Reaming 20' Fill to bottom |
| 7:30 | 9:15 | 1¾ | | | | | | Drilling 8¾" hole (partial returns) |
| 9:15 | | | | | | | | LOST CIRC 100% TRY PULL OUT OF HOLE WORK TIGHT PIPE OUT OF HOLE. |
| | 12:00 | 2¾ | | | | | | |

No. 7748

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease or Well Name: DECALTA SBC GULF AMMIN JOHNSON P12
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.
Date: MARCH 28 73

Weather Condition: 20 above Road Condition: TOUGH
Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled: 1/2 Pumped ... Camp Distance from Rig: 100 yds.
Reason for Extra L. Plant: Standby

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE: H Brooker

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Lud's Swaggy

Rig No. 2 DWKS 2-44

Drill Pipe String: No. 5 Size 4½

Tool Joint: 6" O.D. Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | OIAI | C-150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | JAP | 36# K55 | 19 | 612.93 | 13.90 | 612 KB. | cemented w/ 300 SKS. 2% cal. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 8 | 7¼ | |
| Reaming | | | |
| Conditioning Mud & Circulating | | | 6 |
| Trips | | 7½ | 2 |
| Lubricate Rig | | ¼ | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 16 | |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 6 Size 1 4/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 703 |
| Cumulative Ton Mi. or Trips | 703 |
| No. of Days From Spud | 14 |
| Cumulative Rotating Hrs. | 123 3/4 |
| CORE | 10 3/4 |
| Ream. | 4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 35 | Stands D.P. | Ft. | Bit No. | 9 |
| 1 | Singles D.P. | 3308.01 Ft. | Size | 9 3/4 |
| 2 | D.C. 2 2¼ I.D. 7" O.D. | 61.37 Ft. | Mfg. | SEC. |
| | | | Type | M44N |
| 13 | D.C. 2 2¼ I.D. 6¼ O.D. | 401.07 Ft. | Nozzle No. | 3 |
| | | | Nozzle Size | 22 |
| | Stb. Body O.D. | Ft. | Ser. No. | 270625 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3664 |
| i | Subs ~~Y/O~~ O.D. | 4.00 Ft. | Total Ftg. | 134 |
| i | Bit ~~or C.B.~~ | 4.00 Ft. | Total Hr. Run | 14½ |
| | Kelly Down | 19.55 Ft. | Cond. of Bit | IN |
| | Total | 3795.00 Ft. | Reamer No. | |
| Wt. of String | | 103,000 Lbs. | Reamer Type | |
| Pipe in Hole | | 106 Jts. | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | | 67 Jts. | Trucker | |
| Total Pipe on Lease | | 173 Jts. | Trucker | |
| | | | Trucker | |

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1:00 | 4:00 | 7:00 |
| Weight | 9.0 | 9.0 | 9.0 |
| Visc.-Sec. | 150 | 80 | 65 |
| W.L.-C.C. | | 11.2 | |
| FL TR. CK. | | 2/32 | |
| PH | | 11.5 | 11.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller: L. McCarthy

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3730 | 3798 | 68 | D | | | 80 | 30 | 400 | 5½ | 50 | 5½ | | (S) |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 8:00 | 8 | | | | | | DRILLING 9¾" HOLE. |
| | | | | | | | | FUEL 7 ft. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | 3370.48 Ft. | Bit No. | 9 |
| | Singles D.P. | Ft. | Size | 8 3/4 |
| 2 | D.C. 2 2¼ I.D. 7" O.D. | 61.37 Ft. | Mfg. | SEC. |
| | | | Type | M44N |
| 13 | D.C. 2 2¼ I.D. 6¼ O.D. | 401.07 Ft. | Nozzle No. | 3 |
| | | | Nozzle Size | 22 |
| | Stb. Body O.D. | Ft. | Ser. No. | 270625 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3664 |
| 1 | Subs ~~Y/O~~ O.D. | 4.00 Ft. | Total Ftg. | 200 |
| 1 | Bit ~~or C.B.~~ | 4.00 Ft. | Total Hr. Run | 21 3/4 |
| | Kelly Down | 23.08 Ft. | Cond. of Bit | IN |
| | Total | 3864.00 Ft. | Reamer No. | |
| Wt. of String | | 104,000 Lbs. | Reamer Type | |
| Pipe in Hole | | 108 Jts. | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | | 65 Jts. | Trucker | |
| Total Pipe on Lease | | 173 Jts. | Trucker | |
| | | | Trucker | |

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 10:00 | 2:00 | 4:00 |
| Weight | 8.9 | 9.0 | |
| Visc.-Sec. | 60 | 55 | |
| W.L.-C.C. | | 10.6 | |
| FL TR. CK. | | 2/32 | |
| PH | 11.5 | 11.0 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 25# bags | Sawdust | | |
| 1500 lbs | gel | | |
| 50 lbs | caustic | | |

Driller: David Chatham

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3798 | 3864 | 66 | D | | | 80 | 35 | 400 | 5½ | 50 | 5½ | | S |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service, BOP check, motor shut off check |
| 8:15 | 3:30 | 7¼ | | | | | | Drilling 8¾" hole (Lost circulation at 3864') |
| 3:30 | 4:00 | ½ | | | | | | Circulating & working out of hole |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 36 | Stands D.P. | 3370.48 Ft. | Bit No. | 9 |
| | Singles D.P. | Ft. | Size | 8 3/4 |
| 2 | D.C. 2 2¼ I.D. 7" O.D. | 61.37 Ft. | Mfg. | SEC |
| | | | Type | M44N |
| 13 | D.C. 2 2¼ I.D. 6¼ O.D. | 401.07 Ft. | Nozzle No. | 3 |
| | | | Nozzle Size | 22 |
| | Stb. Body O.D. | Ft. | Ser. No. | 270625 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | Ft. | Depth In | 3664 |
| 1 | Subs ~~Y/O~~ O.D. | 4.00 Ft. | Total Ftg. | 200 |
| 1 | Bit ~~or C.B.~~ | 4.00 Ft. | Total Hr. Run | 21 3/4 |
| | Kelly Down | 23.08 Ft. | Cond. of Bit | 4 1 |
| | Total | 3864.00 Ft. | Reamer No. | |
| Wt. of String | | 104,000 Lbs. | Reamer Type | |
| Pipe in Hole | | 108 Jts. | Water Charges | Reg. Hrs. O.T. Hrs. |
| Pipe on Racks | | 65 Jts. | Trucker | |
| Total Pipe on Lease | | 173 Jts. | Trucker | |
| | | | Trucker | |

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 900# | |
| CAUSTIC | | 150# | |
| SAWDUST | | 200 SKS. | |

Driller: L. McCarthy

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 5:30 | 1½ | | | | | | Working & circulating out of hole |
| 5:30 | 6:00 | ½ | | | | | | (worked out 9 singles with Kelly) |
| 6:00 | 12:00 | 12 | | | | | | Finish out to collars |
| | | | | | | | | Mixing gel & dumping sawdust down annulus |

No. 7747

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Operator: WESTERN DECALTA SOBC GULF — Well Name: AIMIN JOHNSON A12 — Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M. — Date: MARCH 27 1973

Weather Condition: 10 above — Road Condition: Rough — Nearest Town: NORMAN WELLS — Water - Source: LAKE — Miles Hauled: 1/2 — Pumped: ... — Camp Distance from Rig: 1.5 Kms — Reason for Extra L. Plant: Standby.

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Livesay

Rig No. 2 — DWKS IDECO E-11

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 6" O.D. — Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MA600 | 16 |
| 2. | NAT | F1503 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | SAO | 36# K.S. | 19. | 612.93 | 13.90 | 612 | K.B. Cemented w/ 300 SKS. 2% Cal. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 3 1/4 | | 6 1/2 |
| Reaming | | | |
| Conditioning Mud & Circulating | 3 1/2 | 6 1/2 | |
| Trips | 1. | 1/4 | 3/4 |
| Lubricate Rig | 1/4 | 1/4 | 1/4 |
| Deviation Survey | | | 1/2 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7

No. of Lines 8 — Size 1 1/8

Feet Slipped 1200

Feet Cut Off

Present Length 3800

Ton Mi. or Trips Since Last Cut 6216

Cumulative Ton Mi. or Trips 6216

No. of Days From Spud 18

Cumulative Rotating Hrs. 158 1/2

Core 10 3/4

Ream. 4

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 34 | Stands D.P. | 3183.08 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7 3/4 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 10.48 | Ft. |
| | Total | 3664.08 | Ft. |
| Wt. of String | 100,000 | | Lbs. |
| Pipe in Hole | 102 | | Jts. |
| Pipe on Racks | 21 | | Jts. |
| Total Pipe on Lease | 123 | | Jts. |

BIT RECORD

| | | |
|---|---|---|
| Bit No. | RR | 8 |
| Size | | 8 3/4 |
| Mfg. | | SEC |
| Type | | M44N |
| Nozzle No. | | OPEN |
| Nozzle Size | | |
| Ser. No. | | 391162 |
| Depth Out | | 3664 |
| Depth In | | 3553 |
| Total Ftg. | | 106 |
| Total Hr. Run | | 10 3/4 |
| Cond. of Bit | | 3-3-I |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1 00 | 4 00 | 7 00 |
| Weight | 9.0 | 9.0 | 8.8 |
| Visc.-Sec. | 90 | 85 | 110 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | 10.5 | 11.0 | 11.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 5300 | # |
| SAWDUST | | 80 | SKS |
| CAUSTIC | | 250 | # |

Driller: L. McCarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3626 | 3664 | 38 | D | | | 80 | 30 | 300 | 5½ | 60 | 5½ | | (S) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 45 | 3/4 | | | | | | DRILLING |
| 12 45 | 1 00 | 1/4 | | | | | | RIG SERVICE |
| 1 00 | | | | | | | | DRILLING 8 3/4" HOLE ROUGH |
| | 2 30 | 1 1/2 | | | | | | DRILLING FROM 3643 - 3650 RUG OUT OF VOLUME. NO RETURNS. |
| 2 30 | | | | | | | | PULL OUT 10 STANDS, MIX GEL |
| | 5 30 | 3 | | | | | | SAWDUST TO BUILD VOLUME. |
| 5 30 | 6 00 | 1/2 | | | | | | RUN IN TO BOTTOM. |
| 6 00 | 7 30 | 1 | | | | | | DRILLING W/ RETURNS, THEN LOST. |
| 7 30 | 7 30 | 1/2 | | | | | | BUILD VOLUME. |
| 7 30 | 8 00 | 1/2 | | | | | | TRIP OUT LOST CIRC. |
| | | | | | | | | LOST 496 BBLS MUD |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 37 | Stands D.P. | 3183.08 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7 3/4 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 10.48 | Ft. |
| | Total | 3664.00 | Ft. |
| Wt. of String | 100,000 | | Lbs. |
| Pipe in Hole | 102 | | Jts. |
| Pipe on Racks | 71 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

BIT RECORD

| | | |
|---|---|---|
| Bit No. | 9 | |
| Size | 8 3/4 | |
| Mfg. | SEC | |
| Type | M44N | |
| Nozzle No. | 3 | |
| Nozzle Size | 22. | |
| Ser. No. | 270625 | |
| Depth Out | | |
| Depth In | 3664 | |
| Total Ftg. | | |
| Total Hr. Run | | |
| Cond. of Bit | | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Sawdust | | 330 bags | |
| Gel | | 12,000 lbs | |
| Caustic | | 500 lbs | |

Driller: David Chatfield

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3664 | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | 1/4 | | | | | | Rig Service, B.O.P. check, motor shut off check |
| 8:15 | 9:00 | 3/4 | | | | | | finish out of hole |
| 9:00 | 9:30 | 1/2 | | | | | | Pick up bit no 9 run in collars |
| 9:30 | | | | | | | | Mixing gel & Sawdust for lost circulation |
| | 3:30 | 6 | | | | | | Dumping sawdust down annulus and pumping it down with very thick mud |
| 3:30 | 4:00 | 1/2 | | | | | | Circulating |
| | | | | | | | | Lost 680 Bbls Mud |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 34 | Stands D.P. | | Ft. |
| 2 | Singles D.P. | 3245.45 | Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7 3/4 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 14.11 | Ft. |
| | Total | 3730.00 | Ft. |
| Wt. of String | 100,000 | | Lbs. |
| Pipe in Hole | 104 | | Jts. |
| Pipe on Racks | 69 | | Jts. |
| Total Pipe on Lease | 173 | | Jts. |

BIT RECORD

| | | |
|---|---|---|
| Bit No. | 9 | |
| Size | 8 3/4 | |
| Mfg. | SEC. | |
| Type | M44N | |
| Nozzle No. | 3 | |
| Nozzle Size | 22 | |
| Ser. No. | 270625 | |
| Depth Out | | |
| Depth In | 3664 | |
| Total Ftg. | 106 | |
| Total Hr. Run | 6 42 | |
| Cond. of Bit | 1N | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

| | | | |
|---|---|---|---|
| Time | | 8 00 | 11 00 |
| Weight | | 9.0 | 9.0 |
| Visc.-Sec. | | 180 | 180 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | 11.5 | 11.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 5200 | # |
| SAWDUST | | 36 | SKS. |

Driller: L. McCarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3664 | 3730 | 66 | D | | | 90 | 35 | 800 | 5½ | 50 | 5½ | | 5 |

Deviation Record: Depth 3726 — Dev. 2° — Direction ... Depth ... Dev. ... Direction ... Depth ... Dev. ... Direction ...

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | 1/4 | | | | | | Rig Service |
| 4:15 | 5:00 | 3/4 | | | | | | Ran in to bottom |
| 5:00 | 11:00 | 6 | | | | | | Drilling 8 3/4" hole (full returns) |
| 11 00 | 11 30 | 1/2 | | | | | | SURVEY |
| 11 30 | 12 00 | 1/2 | | | | | | DRILLING 8 3/4" HOLE. |

No. 7746

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease or Well No. DECALTA SABC GULF — Date MARCH 26 1973

Location — ¼ ¼ Sec. 2 Twp. 20 Rge. 12 W. 4 M.

Weather Condition 10 above — Road Condition ROUGH

Nearest Town NORMAN WELLS — Water - Source LAKE — Miles Hauled 3½ — Pumped — Camp Distance from Rig 100 yds. — Reason for Extra L. Plant Space

OPERATOR: WESTERN DECALTA 2041

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Frank Lizazzy

Rig No. 2 — DWKS — IDECO

Drill Pipe String: No. 2 — Size 4½

Tool Joint: Type Thd. FH — 6" O.D.

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT. | C150B | 12 |
| 3. | | | |

**LAST CASING TUBING OR LINER**

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | JAP | 36# K55 | 19 | 612.93 | 13.90 | 612 | KB. cemented /w |
| | | | | | | | 300 SKS. 2% cal. |

**TIME DISTRIBUTION—HOURS**

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4½ | | 3 |
| Reaming | ¼ | | 2 |
| Conditioning Mud & Circulating | | 1¾ | |
| Trips | 1½ | 6 | 3 |
| Lubricate Rig | ¼ | ¼ | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 2½ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

**TIME SUMMARY (Office Use Only)**

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

**WIRE LINE RECORD**

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 11/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 526 |
| Cumulative Ton Mi. or Trips | 526 |
| No. of Days From Spud | 17 |
| Cumulative Rotating Hrs. | 148¾ |
| CORE | 10¾ |
| REAM | 4. |

## MORNING TOUR

**DRILLING ASSEMBLY AT END OF TOUR**

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | 3089.27 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Sub 7/6 O.D. | 4.00 | Ft. |
| | Bit ~~or C.B.~~ sub | 4.00 | Ft. |
| | Kelly Down | 41.29 | Ft. |
| | Total | 3601.00 | Ft. |
| Wt. of String | | 105,000 | Lbs. |
| Pipe in Hole | | 99 | Jts. |
| Pipe on Racks | | 74 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

**BIT RECORD**

| | | | |
|---|---|---|---|
| Bit No. | 8 | | |
| Size | 8¾ | | |
| Mfg. | SEC. | | |
| Type | M44N | | |
| Nozzle No. | 2 | 1 | |
| Nozzle Size | 13 | 12 | |
| Ser. No. | 391162 | | |
| Depth Out | | | |
| Depth In | 3558 | | |
| Total Ftg. | 43 | | |
| Total Hr. Run | 4½ | | |
| Cond. of Bit | IN | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | 1:00 | 4:00 | 7:00 |
| Weight | T | 9.3 | |
| Visc.-Sec. | R | 70 | |
| W.L.-C.C. | | 18.2 | |
| FL TR. CK. | 1 | 4/32 | |
| PH | 8 | 10.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 4000 # | | |
| CAUSTIC | 200 # | | |

Driller: L. McCutcheon

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3558 | 3601 | 43 | D | | | 90 | 30 | 1000 | 5½ | 60 | 5½ | | (S) |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 30 | ½ | | | | | | FINISHED IN /W BIT NO. 8 |
| 12 30 | 12 45 | ¼ | | | | | | BREAK CIRC & CLEAN TO BOTTOM 30' |
| 12 45 | 1 45 | 1 | | | | | | DRILLING 8¾" HOLE |
| 1 45 | 2 00 | ¼ | | | | | | RIG SERVICE |
| 2 00 | 5 30 | 3½ | | | | | | DRILLING. |
| 5 30 | | | | | | | | LOST CIRC AT 3601 |
| | 8 00 | 2½ | | | | | | WORK TIGHT PIPE OUT OF HOLE. |
| | | | | | | | | WORK OUT 5 SINGLES & KELLY. |
| | | | | | | | | NOTE LOST CIRC @ 3600 FEET. Hole |
| | | | | | | | | FELL in while Pulling up For Connection |
| | | | | | | | | FILL 31' 2" HAD To pump out 9 Singles |

## DAY TOUR

**DRILLING ASSEMBLY AT END OF TOUR**

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | 3089.27 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7/6 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ Sub | 4.00 | Ft. |
| | Kelly Down | 41.29 | Ft. |
| | Total | 3601.00 | Ft. |
| Wt. of String | | 105,000 | Lbs. |
| Pipe in Hole | | 99 | Jts. |
| Pipe on Racks | | 74 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

**BIT RECORD**

| | | | |
|---|---|---|---|
| Bit No. | 8 | | |
| Size | 8¾ | | |
| Mfg. | Sec | | |
| Type | M44N | | |
| Nozzle No. | open | | |
| Nozzle Size | | | |
| Ser. No. | 391162 | | |
| Depth Out | | | |
| Depth In | 3558 | | |
| Total Ftg. | 43 | | |
| Total Hr. Run | 4½ | | |
| Cond. of Bit | IN | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | | | 3:00 |
| Weight | | | 8.9 |
| Visc.-Sec. | | | 200 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 3700 # | | |
| CAUSTIC | 450 # | | |
| SAWDUST | 120 SKS | | |

Driller: David Chalkley

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3601 | | | | | | | | | | | | | |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service, B.O.P. Check, motor Shut off check |
| 8:15 | 9:45 | 1½ | | | | | | Circulate & work 4 singles out of hole |
| 9:45 | 11:30 | 1¾ | | | | | | Pull out of hole and take jets out of bit & run in collars |
| 11:30 | 1:15 | 1¾ | | | | | | Mix gel & sawdust for lost circulation |
| 1:15 | 4:06 | 2¾ | | | | | | Run in and ream fill (18 ft. fill on bottom) |
| | | | | | | | | Lost 746 BBLS. Mud while |
| | | | | | | | | Getting out of Hole. |

## EVENING TOUR

**DRILLING ASSEMBLY AT END OF TOUR**

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | | Ft. |
| 1 | Singles D.P. | 3120.48 | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7/6 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ Sub | 4.00 | Ft. |
| | Kelly Down | 35.08 | Ft. |
| | Total | 3626.08 | Ft. |
| Wt. of String | | 105,000 | Lbs. |
| Pipe in Hole | | 100 | Jts. |
| Pipe on Racks | | 73 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

**BIT RECORD**

| | | | |
|---|---|---|---|
| Bit No. | 8 | | |
| Size | 8¾ | | |
| Mfg. | SEC. | | |
| Type | M44N | | |
| Nozzle No. | OPEN | | |
| Nozzle Size | | | |
| Ser. No. | 391162 | | |
| Depth Out | | | |
| Depth In | 3558 | | |
| Total Ftg. | 68 | | |
| Total Hr. Run | 9½ | | |
| Cond. of Bit | IN | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | 5:00 | 8:00 | 11:00 |
| Weight | T | | 9.0 |
| Visc.-Sec. | R | | 80 |
| W.L.-C.C. | | lp | |
| FL TR. CK. | | | |
| PH | | | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 1200 # | |
| SAWDUST | 42 SKS. | | |

Driller: L. McCutcheon

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3601 | 3626 | 25 | D | | | 90 | 30 | 300 | 5½ | 60 | 5½ | — | (S) |

Deviation Record: Depth — Dev. — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 5:30 | 1½ | | | | | | Reaming fill 3½ ft. off bottom (couldn't get to bottom) |
| 5:30 | 7:00 | 1½ | | | | | | Pull out of hole. (bit balled up) |
| 7:00 | 8:30 | 1½ | | | | | | Run back in hole |
| 8:30 | 9:00 | ½ | | | | | | BREAK CIRC & CLEAN TO BOTTOM 6' FT. |
| 9:00 | 12:00 | 3 | | | | | | DRILLING 8¾ HOLE /w RETURNS. |

No. 7746

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well No. DECALTA SOBC GULF AMMIN JOHNSON A12 — Location: Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: MARCH 26, 1973

Weather Condition: 10 above — Road Condition: ROUGH — Nearest Town: NORMAN WELLS — Water - Source: LAKE — Miles Hauled: 3½ — Pumped: ___ — Camp Distance from Rig: 100 yds. — Reason for Extra L. Plant: Spare

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lovegrove

Rig No. 2 — DWKS IDECO 3-44

Drill Pipe String: No. 2 — Size 4½ — Type Thd. F.H.

Tool Joint: 6" O.D.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT. | C1503 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | JAP | 36# K.S. | 19 | 617.93 | 13.90 | 612 | KB. cemented w/ 300 SKS. 2% cal. |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4½ | | 3 |
| Reaming | 1¼ | | 2 |
| Conditioning Mud & Circulating | | 1¾ | |
| Trips | 1½ | 6 | 3 |
| Lubricate Rig | ¼ | 4 | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 2½ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 11/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 526 |
| Cumulative Ton Mi. or Trips | 526 |
| No. of Days From Spud | 17 |
| Cumulative Rotating Hrs. | 148¾ |
| CORE | 10¾ |
| REAM | 4. |

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | 3089.27 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Sub 7 O.D. | 4.00 | Ft. |
| | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 41.29 | Ft. |
| | Total | 3601.00 | Ft. |

Wt. of String 105,000 lbs. — Pipe in Hole 99 Jts. — Pipe on Racks 74 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 8 |
| Size | 8¾ |
| Mfg. | SEC. |
| Type | M44N |
| Nozzle No. | 2 1 |
| Nozzle Size | 13 12 |
| Ser. No. | 391162 |
| Depth Out | |
| Depth In | 3558 |
| Total Ftg. | 43 |
| Total Hr. Run | 4½ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1:00 | 4:00 | 5:00 |
| Weight | 9 | 9.3 | |
| Visc.-Sec. | 48 | 70 | |
| W.L.-C.C. | | 13.2 | |
| FL TR. CK. | 1 | 1 | |
| PH | 9 | 10.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 4000# | | |
| CAUSTIC | 200# | | |

Driller: Leslie Lovegrove

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3558 | 3601 | 43 | D | | | 80 | 30 | 1000 | 5½ | 60 | 5½ | | (S) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:30 | ½ | | | | | | FINISHED IN /W BIT NO. 8 |
| 12:30 | 12:45 | ¼ | | | | | | BREAK CIRC & CLEAN TO BOTTOM 30' |
| 12:45 | 1:45 | 1 | | | | | | DRILLING 8¾" HOLE |
| 1:45 | 2:00 | ¼ | | | | | | RIG SERVICE |
| 2:00 | 5:30 | 3½ | | | | | | DRILLING. |
| 5:30 | | | | | | | | LOST CIRC AT 3601 |
| | 8:00 | 2½ | | | | | | WORK TIGHT PIPE OUT OF HOLE. |
| | | | | | | | | WORK OUT 5 SINGLES & KELLY. |
| | | | | | | | | NOTE LOST CIRC @ 3600 FEET. HOLE |
| | | | | | | | | FELL in, WHILE PULLING UP FOR CONNECTION |
| | | | | | | | | FILL 3' 2" HAD to PUMP OUT 9 SINGLES |

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | 3089.27 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 41.29 | Ft. |
| | Total | 3601.00 | Ft. |

Wt. of String 105,000 Lbs. — Pipe in Hole 99 Jts. — Pipe on Racks 74 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 8 |
| Size | 8¾ |
| Mfg. | SEC |
| Type | M44N |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | 391162 |
| Depth Out | |
| Depth In | 3558 |
| Total Ftg. | 43 |
| Total Hr. Run | 4½ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

| | | | |
|---|---|---|---|
| Time | | | 3:00 |
| Weight | | | 8.9 |
| Visc.-Sec. | | | 200 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 3700# | | |
| CAUSTIC | 450# | | |
| SAWDUST | 120 SKS | | |

Driller: David Chalfant

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3601 | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service, B.O.P. Check, motor shut off check |
| 8:15 | 9:45 | 1½ | | | | | | circulate & work 4 singles out of hole |
| 9:45 | 11:30 | 1¾ | | | | | | Pull out of hole and take jets out of bit & run |
| | | | | | | | | in collars |
| 11:30 | 1:15 | 1¾ | | | | | | Mix gel & sawdust for lost circulation |
| 1:15 | 4:00 | 2¾ | | | | | | Run in and ream f.i.l (18 Ft. Fill on bottom) |
| | | | | | | | | Lost 746 BBLS. Mud while |
| | | | | | | | | Getting out of Hole. |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 33 | Stands D.P. | | Ft. |
| 1 | Singles D.P. | 3120.43 | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Sub/6 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 | Ft. |
| | Kelly Down | 35.08 | Ft. |
| | Total | 3626.05 | Ft. |

Wt. of String 105,000 Lbs. — Pipe in Hole 100 Jts. — Pipe on Racks 73 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 8 |
| Size | 8¾ |
| Mfg. | SEC. |
| Type | M44N |
| Nozzle No. | OPEN |
| Nozzle Size | |
| Ser. No. | 391162 |
| Depth Out | |
| Depth In | 3558 |
| Total Ftg. | 68 |
| Total Hr. Run | 7½ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 5:00 | 8:00 | 11:00 |
| Weight | | | 9.0 |
| Visc.-Sec. | T R | | 80 |
| W.L.-C.C. | | LP | |
| FL TR. CK. | | | |
| PH | | | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 1700# | |
| SAWDUST | 42 SKS. | | |

Driller: Leslie Lovegrove

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3601 | 3626 | 25 | D | | | 80 | 30 | 300 | 5½ | 60 | 5½ | - | (S) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 5:30 | 1½ | | | | | | Reaming fill 3½ Ft. off bottom (could'nt get to bottom) |
| 5:30 | 7:00 | 1½ | | | | | | Pull out of hole (bit balled up) |
| 7:00 | 8:30 | 1½ | | | | | | Run back in hole |
| 8:30 | 9:00 | ½ | | | | | | BREAK CIRC & CLEAN TO Bottom 6 FT. |
| 9:00 | 12:00 | 3 | | | | | | DRILLING 8¾ HOLE /W RETURNS. |

No. 7745

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well No. DECALTA SOBC GULF AMMIN JOHNSON #12
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Date MARCH 25, 1973

Weather Condition 5 above Road Condition ROUGH

Nearest Town NORMAN WELLS Water - Source ... Miles Hauled 1/2 ... Pumped ... Camp Distance from Rig 100 yds. Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Jack Lowery

Rig No. 2 DWKS Ideco

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. F.H. 6" O.D.

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT. | C1503 | 12 |
| 3. | | | |

**LAST CASING TUBING OR LINER**

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | JAP | 36# K.S. | 19 | 612.93 | 13.90 | 612 KB. | cemented w/ 300 SKS 28 gal. |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 5¾ | 7 | 4½ |
| Reaming | Drill 1 | | |
| Conditioning Mud & Circulating | | | |
| Trips | ½ | | 3 |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | ½ | | ¼ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | ¾ | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 2 |
| No. of Lines | 3 Size 1 1/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 382 |
| Cumulative Ton Mi. or Trips | 382 |
| No. of Days From Spud | 16 |
| Cumulative Rotating Hrs. | 141 1/4 |
| CORE | 10 3/4 |
| REAM | 4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 31 | Stands D.P. | Ft. | Bit No. | 7 |
| 1 | Singles D.P. | 2933.11 Ft. | Size | 8¾ |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. | Mfg. | SEC. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. | Type | M44 |
| | Stb. Body O.D. | Ft. | Nozzle No. | 2 1 |
| | Stb. Body O.D. | Ft. | Nozzle Size | 13 12 |
| | Rmr. Body O.D. | Ft. | Ser. No. | 913592 |
| 1 | Subs O.D. | 4.00 Ft. | Depth Out | |
| 1 | Bit or C.B. | 4.00 Ft. | Depth In | 3351 |
| | Kelly Down | 37.45 Ft. | Total Ftg. | 90 |
| | Total | 3441.00 Ft. | Total Hr. Run | 5¾ |
| Wt. of String | 104,000 Lbs. | | Cond. of Bit | 1N |
| Pipe in Hole | 94 Jts. | | Reamer No. | |
| Pipe on Racks | 79 Jts. | | Reamer Type | |
| Total Pipe on Lease | 173 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| | | | Trucker | |
| | | | Trucker | |
| | | | Trucker | |

| MUD RECORD | | | |
|---|---|---|---|
| Time | 1:00 | 4:00 | 7:00 |
| Weight | | 9.8 | 9.8 |
| Visc.-Sec. | | 55 | 50 |
| W.L.-C.C. | | | 17.5 |
| FL TR. CK. | | | 7/32 |
| PH | | 10.5 | 11.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 5000# | |
| CAUSTIC | | 200# | |

Driller: L. McCutcheon

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3351 | 3441 | 90 | D | | | 80 | 30 | 1100 | 5½ | 60 | 5½ | - | (S) |
| | | | | | | | 35 | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 3414 | 1¼° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | RIG SERVICE |
| 12:15 | 12:45 | ½ | | | | | | FINISHED IN/W BIT NO 2 |
| 12:45 | 1:45 | 1 | | | | | | CLEAN TO BOTTOM. MUD BLOCKING IN FLOW LINE LOST SOME MUD IN FORMATION WHILE CLEAN TO BOTTOM 46# |
| 1:45 | 6:30 | 4¾ | | | | | | DRILLING 8¾ HOLE (MIX GEL) |
| 6:30 | 7:00 | ½ | | | | | | SURVEY AT 3414 |
| 7:00 | 8:00 | 1 | | | | | | DRILLING |
| | | | | | | | | LOST 248 BBL MUD IN FORMATION |
| | | | | | | | | FUEL 415" |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 32 | Stands D.P. | Ft. | Bit No. | 7 |
| 1 | Singles D.P. | 3026.56 Ft. | Size | 8¾ |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. | Mfg. | Sec. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. | Type | M44 |
| | Stb. Body O.D. | Ft. | Nozzle No. | 2 1 |
| | Stb. Body O.D. | Ft. | Nozzle Size | 13 12 |
| | Rmr. Body O.D. | Ft. | Ser. No. | 913592 |
| 1 | Subs ⅞ O.D. | 4.00 Ft. | Depth Out | |
| 1 | Bit or C.B. | 4.00 Ft. | Depth In | 3351 |
| | Kelly Down | 18.00 Ft. | Total Ftg. | 164 |
| | Total | 3515.00 Ft. | Total Hr. Run | 12¾ |
| Wt. of String | 105,000 Lbs. | | Cond. of Bit | 1N |
| Pipe in Hole | 97 Jts. | | Reamer No. | |
| Pipe on Racks | 76 Jts. | | Reamer Type | |
| Total Pipe on Lease | 173 Jts. | | Water Charges | Reg. Hrs. O.T. Hrs. |
| | | | Trucker | |
| | | | Trucker | |
| | | | Trucker | |

| MUD RECORD | | | |
|---|---|---|---|
| Time | 4:00 | 12:00 | 3:00 |
| Weight | 9.0 | 9.1 | 9.1 |
| Visc.-Sec. | 50 | 55 | 55 |
| W.L.-C.C. | | 17.5 | 17.6 |
| FL TR. CK. | | 7/32 | 2/32 |
| PH | | 11.5 | 11.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 2600 #/bbs gel | | | |

Driller: David Chatterton

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3441 | 3515 | 74 | D | | | 80 | 35 | 1000 | 5½ | 60 | 5½ | | 5 |
| | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig Service. B.O.P Check. Motor shut off. check |
| 8:15 | 2:45 | 6½ | | | | | | Drilling 8¾' hole |
| 2:45 | 3:30 | ¾ | | | | | | Repair compound chain oilers |
| 3:30 | 4:00 | ½ | | | | | | Drilling 8¾' hole |

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3515 | 3558 | 43 | D | | | 80 | 35 | 1000 | 5½ | 60 | 5½ | | 5 |
| | | | | | | | 30 | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 3538 | 2° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Rig Service |
| 4:15 | 6:15 | 2 | | | | | | Drilling 8¾' hole |
| 6:15 | 6:30 | ¼ | | | | | | Survey at 3538 |
| 6:30 | 9:00 | 2½ | | | | | | Drilling 8¾' hole |
| 9:00 | 12:00 | 3 | | | | | | TRIP FOR BIT |

No. 7744

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well No. DECALTA SOBC GULF RIMBIN JOHNSON A 12 | Location Lsd. Sec. Twp. Rge. W. M. | Date MARCH 27, 19 73

Weather Condition Sobove | Road Condition Rough | Nearest Town WELLS | Water - Source LAKE, Miles Hauled 3 1/2, Pumped | Camp Distance from Rig 100 yds. Reason for Extra L. Plant Standby.

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Livingstone

Rig No. 2 | DWKS IDECO 3-H

Drill Pipe String: No. 2, Size #2

Tool Joint 6" O.D., Type Thd. E.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT. | C1500B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | JAP | 36# K55 | 19 | 6017.93 | 13.90 | 6012 | KB. CEMENTED in 300 SKS. 2 2 CAL. |

TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | |

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 9 Size 1 1/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 310 |
| Cumulative Ton Mi. or Trips | 310 |
| No. of Days From Spud | 15 |
| Cumulative Rotating Hrs. | 124 |
| CORE | 10 3/4 |
| REAM | 4 |

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 30 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 2838.83 Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Sub 4 1/2 O.D. | 4.00 Ft. |
| 1 | Bit ~~sub~~ O.D. | 4.00 Ft. |
| | Kelly Down | 41.73 Ft. |
| | Total | 3351.00 Ft. |
| Wt. of String | | 102,000 Lbs. |
| Pipe in Hole | | 91 Jts. |
| Pipe on Racks | | 92 Jts. |
| Total Pipe on Lease | | 173 Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 6 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 2975 |
| Total Ftg. | 376 |
| Total Hr. Run | 23 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1:00 | 4:00 | 7:00 |
| Weight | 9.2 | 9.3 | 9.3 |
| Visc.-Sec. | 150 | 100 | 100 |
| W.L.-C.C. | | 10.4 | |
| FL TR. CK. | | 4 3/2 | |
| PH | 10.5 | 10.5 | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 2400# | | |

Driller: L. McCutcheon

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3295 | 3351 | 56 | D | | | 90 | 30 | 1600 | 5 1/2 | 48 | 5 1/2 | - | S |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 2:30 | 2 1/2 | | | | | | DRILLING 5 3/4" HOLE |
| 2:30 | 2:45 | 1/4 | | | | | | RIG SERVICE |
| 2:45 | 5:45 | 3 | | | | | | DRILLING |
| 5:45 | 7:15 | 1 1/2 | | | | | | CIRC. COND. HOLE PRIOR TO D.S.T. |
| 7:15 | 9:00 | 1 3/4 | | | | | | PULL OUT TO TEST |
| | | | | | | | | MEASURE OUT. |
| | | | | | | | | CHANGED HEADS & LINERS IN MIAN PUMP. |
| | | | | | | | | FUEL 5" |

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 30 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 2838.83 Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 4 1/2 O.D. | 4.00 Ft. |
| 1 | Bit ~~sub~~ O.D. | 4.00 Ft. |
| | Kelly Down | 41.73 Ft. |
| | Total | 3351.00 Ft. |
| Wt. of String | | 102,000 Lbs. |
| Pipe in Hole | | 91 Jts. |
| Pipe on Racks | | 82 Jts. |
| Total Pipe on Lease | | 173 Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 6 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 913590 |
| Depth Out | 3351 |
| Depth In | 2975 |
| Total Ftg. | 376 |
| Total Hr. Run | 23 |
| Cond. of Bit | 3-7-1 BT |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

MUD RECORD

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

Mud & Chemicals Added

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

Driller: David Clatter

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 9:15 | 1/4 | | | | | | Rig Service, B.O.P check, Motor shut off check |
| 9:15 | 9:15 | 1 | | | | | | finish out to Test |
| 9:15 | 11:45 | 2 1/2 | | | | | | Make up packer |
| 11:45 | 1:15 | 1 1/2 | | | | | | Run in with Test #1 |
| 1:15 | 4:00 | 2 3/4 | | | | | | Testing |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 30 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 2838.83 Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 4 1/2 O.D. | 4.00 Ft. |
| 1 | Bit ~~sub~~ O.D. | 4.00 Ft. |
| | Kelly Down | 41.73 Ft. |
| | Total | 3351.00 Ft. |
| Wt. of String | | 102,000 Lbs. |
| Pipe in Hole | | 91 Jts. |
| Pipe on Racks | | 82 Jts. |
| Total Pipe on Lease | | 173 Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 7 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 2 1 |
| Nozzle Size | 13 12 |
| Ser. No. | 913592 |
| Depth Out | |
| Depth In | 3351 |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ..... Trucker ..... Trucker .....

MUD RECORD

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

Mud & Chemicals Added

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

Driller: L. McCutcheon

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 6:30 | 2 1/2 | | | | | | Testing |
| 6:30 | 7:00 | 1/2 | | | | | | Tear out testing head & work packer loose |
| 7:00 | 9:00 | 2 | | | | | | Pull out test pac #1 |
| 9:00 | 11:00 | 2 | | | | | | BREAK DOWN PACKER & PUT AWAY |
| 11:00 | 12:00 | 1 | | | | | | RUN IN jet Bit No. 7. |
| | | | | | | | | Losing Mud in Formation |
| | | | | | | | | Total 124 BBLS. |

KODAK SAFETY ▲ FILM +▲

No. 7743

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA SOBC GULF AMMIN JOHNSON A 12
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.
Date: MARCH 23 to 73

Weather Condition: MILD | Road Condition: ROUGH | Nearest Town: NORMAN WELLS | Water - Source: LAKE | Miles Hauled: 3½ | Pumped: | Camp Distance from Rig: 100 yds. | Reason for Extra L. Plant: STANDBY.

OPERATOR: WESTERN DECALTA

Rig No. 2 DWKS 9.2000 Zoll

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. F.H. O.D. 6"

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaggy

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT. | C-1500 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | JAP | 36# K55 | 19 | 612.93 | 13.90 | 612 | K.B. CEMENTED W/ 300 SKS 2% CAL. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 6¼ | 2½ | 3¼ |
| Reaming | | | |
| Conditioning Mud & Circulating | | ¼ | 3 |
| Trips | | 1½ | 1 |
| Lubricate Rig | ¼ | ½ | ¼ |
| Deviation Survey | 1 | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 4 | 7 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7
No. of Lines 8 Size 1 1/8
Feet Slipped 1200
Feet Cut Off
Present Length 3800
Ton Mi. or Trips Since Last Cut 186
Cumulative Ton Mi. or Trips 186
No. of Days From Spud 14
Cumulative Rotating Hrs. 118 ½
50' core 10 3/4
50' ream. 4

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 29 | Stands D.P. | 2713.41 Ft. |
| | Singles D.P. | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.32 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 1/0 O.D. | 4.00 Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 Ft. |
| | Kelly Down | 16.15 Ft. |
| | Total | 3200.00 Ft. |

Wt. of String 100,000 Lbs.
Pipe in Hole 92 Jts.
Pipe on Racks 86 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | 6 | | |
| Size | 8 3/4 | | |
| Mfg. | SEC. | | |
| Type | M44 | | |
| Nozzle No. | 3 | | |
| Nozzle Size | 12 | | |
| Ser. No. | 913590 | | |
| Depth Out | | | |
| Depth In | 2975 | | |
| Total Ftg. | 225 | | |
| Total Hr. Run | 9¼ | | |
| Cond. of Bit | IN | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | 1 00 | 4 00 | 7 00 |
|---|---|---|---|
| Weight | 9.7 | 9.6 | 9.6 |
| Visc.-Sec. | 55 | 65 | 60 |
| W.L.-C.C. | | | 9.2 |
| FL TR. CK. | | | 3/32 |
| PH | 10.0 | 10.5 | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| CAUSTIC | | 50# | |
| FELTEX | | 50# | |
| GEL | | 3200# | |

Driller: L. McLarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3038 | 3200 | 162 | D | | | 90 | 25 | 1000 | 5½ | 52 | 5½ | — | (5) |
| | | | | | | | | 1400 | 5½ | 60 | | | |

Deviation Record: Depth 3069 — Dev. 2° — Direction | Depth 3163 — Dev. 2° — Direction | Depth — Dev. — Direction | Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 15 | ¼ | | | | | | RIG SERVICE |
| 12 15 | 1 15 | 1 | | | | | | DRILLING 8 3/4" HOLE |
| 1 15 | 1 45 | ½ | | | | | | SURVEY |
| 1 45 | 5 30 | 3 3/4 | | | | | | DRILLING 8 3/4" HOLE. |
| 5 30 | 6 00 | ½ | | | | | | SURVEY |
| 6 00 | 8 00 | 2 | | | | | | DRILLING |
| | | | | | | | | FUEL 2 FT. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 29 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 27 44.93 Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 1/0 O.D. | 4.00 Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 Ft. |
| | Kelly Down | 37.63 Ft. |
| | Total | 3255.00 Ft. |

Wt. of String 100,000 Lbs.
Pipe in Hole 89 Jts.
Pipe on Racks 85 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | 6 | | |
| Size | 8 3/4 | | |
| Mfg. | SEC | | |
| Type | M44 | | |
| Nozzle No. | 3 | | |
| Nozzle Size | 12 | | |
| Ser. No. | 913590 | | |
| Depth Out | | | |
| Depth In | 2975 | | |
| Total Ftg. | 280 | | |
| Total Hr. Run | 13¾ | | |
| Cond. of Bit | 1/1 | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | 6 30 | 12 30 | |
|---|---|---|---|
| Weight | 9.7 | 9.7 | |
| Visc.-Sec. | 58 | 57 | |
| W.L.-C.C. | 9.0 | 9.0 | |
| FL TR. CK. | 2/32 | 2/32 | |
| PH | 10.5 | 10.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 400 lbs gel | | | |

Driller: Leonard Clarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3200 | 3255 | 55 | D | | | 40 | 30 | 1400 | 5½ | 60 | 5½ | | 5 |

Deviation Record: Depth 3255 — Dev. 2° — Direction | Depth — Dev. — Direction | Depth — Dev. — Direction | Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 0 30 | 0 45 | ¼ | | | | | | Rig Service & Check water out off check |
| 0 45 | 12 45 | 4½ | | | | | | Trip in 8¾" hole |
| 12 45 | 2 15 | 1½ | | | | | | Circ in btm to make bottom trip in to test |
| 2 15 | 4 00 | 1¾ | | | | | | Make top sand dress off trip in hole Tight |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 30 | Stands D.P. | 2807.63 Ft. |
| | Singles D.P. | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 1/0 O.D. | 4.00 Ft. |
| 1 | Bit ~~or C.B.~~ | 4.00 Ft. |
| | Kelly Down | 16.93 Ft. |
| | Total | 3295.00 Ft. |

Wt. of String 100,000 Lbs.
Pipe in Hole 90 Jts.
Pipe on Racks 83 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | | | |
|---|---|---|---|
| Bit No. | 6 | | |
| Size | 8 3/4 | | |
| Mfg. | SEC | | |
| Type | M44 | | |
| Nozzle No. | 3 | | |
| Nozzle Size | 12 | | |
| Ser. No. | 913590 | | |
| Depth Out | | | |
| Depth In | 2975 | | |
| Total Ftg. | 320 | | |
| Total Hr. Run | 17½ | | |
| Cond. of Bit | IN | | |
| Reamer No. | | | |
| Reamer Type | | | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | 5 00 | 8 00 | 11 00 |
|---|---|---|---|
| Weight | 9.7 | 9.6 | 9.2 |
| Visc.-Sec. | 60 | 70 | 150 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | 9.5 | 9.5 | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 7000# | |
| CAUSTIC | | 200# | |
| SAWDUST | | 20 SKS | |

Driller: L. McLarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3255 | 3295 | 40 | D | | | 30 | 30 | 1600 | 5½ | 48 | 5½ | — | (5) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4 00 | 4 15 | ¼ | | | | | | Rig Service |
| 4 15 | 5 15 | 1 | | | | | | Finish running in to bottom (Reaming 5 ft) |
| 5 15 | 8 15 | 3 | | | | | | Circulate & condition mud |
| 8 15 | 12 00 | 3¾ | | | | | | DRILLING 8¾" HOLE. |

Logging MUD AT 3255 FEET.

NOTE DID NOT RUN TEST AS HOLE WAS SLOUGHING IN & LOGGING PARTIAL RETURNS.

No. 7742

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 5

Lease Well Name: DECALTA. SCBC. Gulf. Ammin — Location — Lsd. Johnson Sec. A-12 Twp. Rge. W. M. — Date: MARCH 22, 1973

Weather Condition: Mild — Road Conditions: Rough — Nearest Town: JUKKMAN WELLS — Water - Source — Miles Hauled — Pumped — Reason for Extra L. Plant — Camp Distance from Rig: 100 yds Standby

OPERATOR: WESTERN - DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.L. Clark Luke Sweezy

Rig No. 2 DWKS JOCO.T.11 — Drill Pipe String No. — Size — Tool Joint 6 O.D. — Type Thd. FH

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDCO. | MM-600 | 16 |
| 2. | NOSCO. | C-15 DB. | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at |
|---|---|---|---|---|---|---|
| 9 5/8 | JAP | 36 K5 | 19 | 6.1493 | 1392 | 11.13 6.12 |

Remarks: CEMENTED WITH 300 SKS. CEMENT -1 2 CHLSUM

## TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

| | | | |
|---|---|---|---|
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 7 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7
No. of Lines 8 Size 1 1/8
Feet Slipped 1200
Feet Cut Off
Present Length 3800
Ton Mi. or Trips Since Last Cut 186
Cumulative Ton Mi. or Trips 186
No. of Days From Spud 13
Cumulative Rotating Hrs. 103 1/2
50' CORE 10 3/4
50' REAM 4

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 25 | Stands D.P. | 2352.52 Ft. |
| 1 | Singles D.P. | Ft. |
| 2 | D.C. 21 I.D. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 21/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 4/0 O.D. | 4.00 Ft. |
| | Subs Bit O.D. | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 41.80 Ft. |
| | Total | 2882.76 Ft. |

Wt. of String 90.000 Lbs.
Pipe in Hole 76 Jts.
Pipe on Racks 97 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 8 3/4 | |
| Mfg. | REED | |
| Type | SSIG | |
| Nozzle No. | 3 | |
| Nozzle Size | 12 | |
| Ser. No. | 394861 | |
| Depth Out | | |
| Depth In | 2447 | |
| Total Ftg. | 435 | |
| Total Hr. Run | 21 3/4 | |
| Cond. of Bit | 1N | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1000 | 5:00 | 7:00 |
| Weight | 9.6 | 9.5 | 9.5 |
| Visc.-Sec. | 38 | 44 | 54 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 36 00 | - 2 bs. | |
| PELTEX | - 50 - lbs. | | |
| CAUSTIC | 50 2 bs | | |

Driller: Larry Sweezy

FOOTAGE

| From | To | Ftge. |
|---|---|---|
| 2789 | 2852 | 73 |

DR-D RM-R Core-C — Core No. — FORMATION (SHOW CORE RECOVERY) — Rotary RPM: 80 — Wt. on Bit 1000 Lbs.: 25 — Pump Press: 1000 — Pump No. 1 Liner Size: 5 1/2 — Pump No. 1 S.P.M.: 58 — Pump No. 2 Liner Size: 5 1/2 — Pump No. 2 S.P.M. — Method Run SGL-S Par'el-P Com'd-C: 5

Deviation Record: Depth 2820 — Dev. 2 3/4° — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. |
|---|---|---|---|---|---|---|---|
| 12 00 | 12 15 | 1/4 | | | | | |
| 12 15 | 2 15 | 2 | | | | | |
| 2 15 | 2 30 | 1/4 | | | | | |
| 2 30 | 4 30 | 2 | | | | | |
| 4 30 | 6 15 | 1 3/4 | | | | | |
| 6 15 | 6 45 | 1/4 | | | | | |
| 6 45 | 8 00 | 1 1/4 | | | | | |

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Rig SERVICE
DRILLING 8 3/4 HOLE
SURVEY
SAND LINE SLIPPED DRUM WORK TO GET IT FREE FROM 2 30 TO 4 30
DRILLING 8 3/4 HOLE
WORK ON SAND LINE BREAKS
DRILLING 8 3/4 HOLE

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 26 | Stands D.P. | Ft. |
| 2 | Singles D.P. | 2494.95 Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 4/0 O.D. | 4.00 Ft. |
| 1 | Bit or C.B. | 4.00 Ft. |
| | Kelly Down | 9.71 Ft. |
| | Total | 2975.05 Ft. |

Wt. of String 92,000 Lbs.
Pipe in Hole 80 Jts.
Pipe on Racks 93 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | | |
|---|---|---|
| Bit No. | 5 | 6 |
| Size | 8 3/4 | 8 3/4 |
| Mfg. | REED | SEC |
| Type | S516 | M44 |
| Nozzle No. | 3 | 3 |
| Nozzle Size | 12 | 12 |
| Ser. No. | 394861 | 913590 |
| Depth Out | 2975 | |
| Depth In | 2447 | 2975 |
| Total Ftg. | 528 | |
| Total Hr. Run | 30 1/2 | |
| Cond. of Bit | 2-3-1 | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 9:00 | 12:00 | 3:00 |
| Weight | 9.5 | 9.5 | 9 |
| Visc.-Sec. | 50 | 45 | R |
| W.L.-C.C. | 9.4 | 9.2 | 1 |
| FL TR. CK. | 2/32 | 2/32 | P |
| PH | 10.5 | 10.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 500# | | |
| CAUSTIC | 50# | | |
| PELTEX | 50# | | |

Driller: D. L. Clark

FOOTAGE

| From | To | Ftge. |
|---|---|---|
| 2882 | 2975 | 93 |

DR-D RM-R Core-C: D — Core No. — FORMATION (SHOW CORE RECOVERY) — Rotary RPM: 80 — Wt. on Bit 1000 Lbs.: 25 — Pump Press: 1000 — Pump No. 1 Liner Size: 5 1/2 — Pump No. 1 S.P.M.: 58 — Pump No. 2 Liner Size: 5 1/2 — Pump No. 2 S.P.M. — Method Run SGL-S Par'el-P Com'd-C: (5)

Deviation Record: Depth 2975 — Dev. 2° — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. |
|---|---|---|---|---|---|---|---|
| 8 00 | 8 15 | 1/4 | | | | | |
| 8 15 | 2 00 | 5 3/4 | | | | | |
| 2 00 | 2 15 | 1/4 | | | | | |
| 2 15 | 4 00 | 1 3/4 | | | | | |

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

RIG SERVICE, CHECK BOPS, MATERSHUT OFF
DRILLING 8 3/4" HOLE
SURVEY DROPED.
TRIP FOR BIT AND RUN IN COLLARS.

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 27 | Stands D.P. | 2522.21 Ft. |
| | Singles D.P. | Ft. |
| 2 | D.C. 2 1/4 I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs 4/0 O.D. | 4.00 Ft. |
| 1 | Bit or C.B. | 4.00 Ft. |
| | Kelly Down | 4.35 Ft. |
| | Total | 3038.00 Ft. |

Wt. of String 92,000 Lbs.
Pipe in Hole 81 Jts.
Pipe on Racks 92 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 6 |
| Size | 8 3/4 |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 913590 |
| Depth Out | |
| Depth In | 2975 |
| Total Ftg. | 63 |
| Total Hr. Run | 2 1/2 |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 7:00 | 9:30 | 11:30 |
| Weight | 9.4 | 9.5 | 9.5 |
| Visc.-Sec. | 46 | 45 | 50 |
| W.L.-C.C. | | 9.3 | 9.3 |
| FL TR. CK. | | 2/32 | 2/32 |
| PH | | 10.5 | 10.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1000# | | |

Driller: David Nattrass

FOOTAGE

| From | To | Ftge. |
|---|---|---|
| 2975 | 3038 | 63 |

DR-D RM-R Core-C: D — Core No. — FORMATION (SHOW CORE RECOVERY) — Rotary RPM: 80 — Wt. on Bit 1000 Lbs.: 25 — Pump Press: 1000 — Pump No. 1 Liner Size: 5 1/2 — Pump No. 1 S.P.M.: 58 — Pump No. 2 Liner Size: 5 1/2 — Pump No. 2 S.P.M. — Method Run SGL-S Par'el-P Com'd-C: 5

Deviation Record — Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. |
|---|---|---|---|---|---|---|---|
| 4:00 | 5:00 | 1 | | | | | |
| 5:00 | 9:30 | 4 1/2 | | | | | |
| 9:30 | 12:00 | 2 1/2 | | | | | |

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Unspool and remove damaged sandline.
Run in bit #6 (Ream from 2650' to bottom)
Drilling 8 3/4" hole (Lost 4 joints)

No. 7741

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA 50BC - Gulf Ammie — Date MARCH 21 1973

Location — Lsd. John Sec. 5014 Twp. — Rge. 12 W. M.

Weather Condition mild — Road Conditions Rough — Nearest Town NORMAN WELLS — Water - Source — Miles Hauled 3/4 — Pumped — Camp Distance from Rig 150 YDS. — Reason for Extra L. Plant STANDBY

OPERATOR: WESTERO DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

Rig No. 3 DWKS IDC 1.711 — Drill Pipe String No. 2 Size 4½ — Tool Joint Type Thd. F.H. — O.D. 6

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDCO. | MM-600 | 16. |
| 2. | NSCO | C-15-0.13 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No. Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | DAP | 36 K.S. | 19 | 617.93 | 13.90 | 13 6.12 | CEMENTED WITH 300 SKS. CEMENT & 2 CHLSULTZ |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 6½ | 9 | 7½ |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 1½ | | |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | ¼ | ¾ | ¼ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other CLEAN W.B. | ½ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

## WIRE LINE RECORD

Reel No. 7

No. of Lines 8 Size 1/8

Feet Slipped 1200

Feet Cut Off

Present Length 3800

Ton Mi. or Trips Since Last Cut 119

Cumulative Ton Mi. or Trips 119

No. of Days From Spud 12

Cumulative Rotating Hrs. 90 1/4

C.R = 50' MARCH 19 IN 10 3/4 B.R. at Rem 50' IN 4 HR.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 21 | Stands D.P. | 2025.31 Ft. |
| 2 | Singles D.P. | Ft. |
| 2 | D.C. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 6¼ I.D. 2¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 7" O.D. | 4.00 Ft. |
| | Subs 13⅜ | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 41.80 Ft. |
| | Total | 2540.68 Ft. |

Wt. of String 88,000 Lbs. — Pipe in Hole 63 Jts. — Pipe on Racks 108 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 5 |
| Size | 8¾ |
| Mfg. | REED |
| Type | S516 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 394861 |
| Depth Out | |
| Depth In | 21447 |
| Total Ftg. | 93 |
| Total Hr. Run | 5½ |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

| Time | 3:00 | 5:00 | 7:00 |
|---|---|---|---|
| Weight | 9.3 | 9.3 | |
| Visc.-Sec. | 47 | 48 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller Harry Sweezy

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21447 | 25540 | 93 | D | | | 80 | 35/40 | 1000 | 5½ | 59 | 5½ | — | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 21447 | 2.0° | 3540 | 3° | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1200 | 1215 | ¼ | | | | | | RIG SERVICE |
| 1215 | 1445 | 2¼ | | | | | | RUNNING IN WITH 8¾ BIT TO DRILL |
| 1445 | 2115 | 6½ | | | | | | CLEAN 30' TO BOTTOM |
| 2115 | 7445 | 6½ | | | | | | DRILLING 8¾ HOLE |
| 7445 | 8000 | ¼ | | | | | | SERVICE RIG |

(STRAP)
15 COLLARS 46.244 + 462.41
STANDS 21 DP - 1916.33 + 1965.90
STRAP OUT - 2 - SUBS 8'
46 DP - (NO. CORR)

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 23 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 2182.88 Ft. |
| 2 | D.C. 2¼ I.D. 6¼ O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs O.D. | 4.00 Ft. |
| 1 | Bit or C.B. | 4.00 Ft. |
| | Kelly Down | 10.68 Ft. |
| | Total | 2664.00 Ft. |

Wt. of String 88,000 Lbs. — Pipe in Hole 70 Jts. — Pipe on Racks 103 Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 5 |
| Size | 8¾ |
| Mfg. | REED |
| Type | S516 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 394861 |
| Depth Out | |
| Depth In | 2447 |
| Total Ftg. | 217 |
| Total Hr. Run | 12½ |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

| Time | 9:00 | 12:00 | 3:00 |
|---|---|---|---|
| Weight | 9.3 | 9.4 | 9.4 |
| Visc.-Sec. | 44 | 48 | 42 |
| W.L.-C.C. | | | 11.0 |
| FL TR. CK. | | | 2/32 |
| PH | | | |
| SD Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| BICARBONATE | 200# | | |
| GEL | 5400# | | |
| PELTEX | 150# | | |

Driller L. McLanthan

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2570 | 2664 | 124 | D | | | 80 | 25 | 1000 | 5½ | 58 | 5½ | — | (S) |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 2602 | 3° | | 2664 | 3° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 800 | 815 | 1/4 | | | | | | RIG SERVICE CHECK BOPS, MAKE SHUT OFFS. |
| 815 | 1130 | 3 1/4 | | | | | | DRILLING 8 3/4" HOLE |
| 1130 | 1200 | 1/2 | | | | | | SURVEY |
| 1200 | 345 | 3 3/4 | | | | | | DRILLING |
| 345 | 400 | 1/4 | | | | | | SURVEY |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 24 | Stands D.P. | 2269.96 Ft. |
| 1 | Singles D.P. | Ft. |
| 2 | D.C. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 7" O.D. | 4.00 Ft. |
| | Subs Bit O.D. | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 41.80 Ft. |
| | Total | Ft. |

Wt. of String 89,000 Lbs. — Pipe in Hole Jts. — Pipe on Racks Jts. — Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 5 |
| Size | 8¾ |
| Mfg. | REED |
| Type | S516 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 394861 |
| Depth Out | |
| Depth In | 2447 |
| Total Ftg. | 342 |
| Total Hr. Run | 19¾ |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

| Time | 5:00 | 8:00 | 11:00 |
|---|---|---|---|
| Weight | 9.3 | 9.3 | 9.3 |
| Visc.-Sec. | 38 | 37 | 38 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1000 LBS | | |
| PELTEX | 350 LBS | | |

Driller

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2664 | 2789 | 125 | | | | 80 | 25 | 1000 | 5½ | 58 | 5½ | | (S) |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 2726 | 2¼° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 400 | 415 | 1/4 | | | | | | RIG SERVICE |
| 415 | 800 | 3 3/4 | | | | | | DRILLING 8 3/4" HOLE |
| 800 | 820 | 1/4 | | | | | | RIG SERVICE & SURVEY |
| 820 | 1200 | 3 3/4 | | | | | | DRILLING 8 3/4 HOLE |

No. 7740

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well No. DECALTA. SOBC Gulf-Hamm A — Johnson — A-12 — Location — Lsd. Sec. Twp. Rge. W. M.

Date 17th MARCH 20, 1973

Weather Condition CLEAR. Cold -10° Road Conditions Rough

Nearest Town NORMAN WELLS — Water - Source — Miles Hauled 3/4 Pumped — Camp Distance from Rig 100 Yds — Reason for Extra L. Plant STANDBY

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

Rig No. 2 DWKS

| Drill Pipe String No. | Size | Tool Joint Type Thd. | O.D. |
|---|---|---|---|
| 2 | 4½ | F.H. | |

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO. | MM 1000 | 16 |
| 2. | NSCC | C.15 & B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No. Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | IAP | 36 K.S | 19 | 1793 | 1390 | 1513 612 | CEMENTED with 200 SKS CEMENT + 2 CHECKSUM |

## TIME DISTRIBUTION—HOURS

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

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

| Totals | 8 | 8 | 8 |
|---|---|---|---|

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 |
| Size | 1 5/8 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 94 |
| Cumulative Ton Mi. or Trips | 94 |
| No. of Days From Spud | 11 |
| Cumulative Rotating Hrs. | 70½ |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 18 | Stands D.P. | 1747.95 | Ft. |
| 2 | Singles D.P. | | Ft. |
| 2 | D.C. 7" I.D. 2 1/4" O.D. | 61.37 | Ft. |
| 13 | D.C. 6" I.D. 2 1/4" O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Subs 4 1/2 O.D. | 4.00 | Ft. |
| | Bit or C.B. | 4.00 | Ft. |
| | Kelly Down | 21.61 | Ft. |
| | Total | 2246.00 | Ft. |
| Wt. of String | | 84,000 | Lbs. |
| Pipe in Hole | | 56 | Jts. |
| Pipe on Racks | | 111 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 4 A. |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | S.S.I.G |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 474742 |
| Depth Out | |
| Depth In | 2206 |
| Total Ftg. | 34 |
| Total Hr. Run | 2 3/4 |
| Cond. of Bit | 1 IN |
| Reamer No. | REAMED 50 FT. |
| Reamer Type | IN 4 HRS. |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker... Trucker... Trucker...

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 1 00 | 5 00 | 7 00 |
| Weight | 9.2 | 9.2 | 9.2 |
| Visc.-Sec. | 44 | 46 | 46 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1000 | LIG. | |

Driller: Ron Swagg

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2156 | 2206 | 50 | R | | | 70 | 5-8 | 1000 | 5½ | 58 | 5½ | - | S |
| 2206 | 2240 | 34 | D | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12 00 | 12 15 | ¼ | | | | | | Rig SERVICE |
| ~~12 15~~ | | | | | | | | ~~Reaming Rat Hole FROM 2156 TO 2206~~ |
| 12 15 | 1 15 | 1 | | | | | | RUN IN WITH 8¾ BIT TO REAM & DRILL |
| 1 15 | 5 15 | 4 | | | | | | REAMING RAT HOLE FROM 2156 TO 2206 |
| 5 15 | 8 00 | 2¾ | | | | | | DRILLING 8¾ HOLE |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 20 | Stands D.P. | 1832.48 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 7" I.D. 2 1/4 O.D. | 61.37 | Ft. |
| 13 | D.C. 6" I.D. 2 1/4 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4 1/2 O.D. | 4.00 | Ft. |
| 1 | Bit ~~or C.B.~~ sub. | 4.00 | Ft. |
| | Kelly Down | 27.09 | Ft. |
| | Total | 2370.00 | Ft. |
| Wt. of String | | 85,000 | Lbs. |
| Pipe in Hole | | 60 | Jts. |
| Pipe on Racks | | 113 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 4 A |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | S.S.I.G |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 474742 |
| Depth Out | |
| Depth In | 2206 |
| Total Ftg. | 164 |
| Total Hr. Run | 9 3/4 |
| Cond. of Bit | IN |
| Reamer No. | REAMED 50 FT. |
| Reamer Type | IN 4 HRS. |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker... Trucker... Trucker...

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 9 00 | 12 00 | 3 00 |
| Weight | 9.2 | 9.2 | 9.2 |
| Visc.-Sec. | 44 | 40 | 40 |
| W.L.-C.C. | | | 20.0 |
| FL TR. CK. | | | 3/32. |
| PH | | | 11.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1500 # | | |

Driller: Doug MacArthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2240 | 2370 | 130 | D | | | 90 - 80 | 35 - 30 | 1000 | 5½ | 58 | 5½ | | (S) |

Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| 2260 | 1° | | 2353 | 1¾° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 5 00 | 9 00 | 1 | | | | | | DRILLING 8¾" HOLE |
| 9 00 | 9 15 | ¼ | | | | | | SURVEY |
| 9 15 | 9 30 | ¼ | | | | | | RIG SERVICE, CHECK BOPS, MOTOR SHUT OFFS. |
| 9 30 | 2 30 | 5 | | | | | | DRILLING |
| 2 30 | 3 00 | ½ | | | | | | SURVEY |
| 3 00 | 4 00 | 1 | | | | | | DRILLING |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 21 | Stands D.P. | 1935.18 | Ft. |
| 2 | Singles D.P. | | Ft. |
| 2 | D.C. 7" I.D. 2 1/4 O.D. | 61.37 | Ft. |
| 13 | D.C. 6" I.D. 2 1/4 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body 4 1/2 O.D. | 4.00 | Ft. |
| | Subs Bit O.D. | 4.00 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 41.80 | Ft. |
| | Total | 2447.42 | Ft. |
| Wt. of String | | 87,000 | Lbs. |
| Pipe in Hole | | 62 | Jts. |
| Pipe on Racks | | 111 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | 4 A |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | S.S.I.G |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 474742 |
| Depth Out | 2447 |
| Depth In | 2206 |
| Total Ftg. | 241 |
| Total Hr. Run | 15½ |
| Cond. of Bit | 3-1-1 |
| Reamer No. | REAMED 50 FT |
| Reamer Type | 4 HRS. |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker... Trucker... Trucker...

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 5 00 | 8 00 | 11 00 |
| Weight | 9.2 | 9.3 | 9.3 |
| Visc.-Sec. | 45 | 46 | 45 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| SOAP | 45 # | 200 | LBS |

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2370 | 2447 | 77 | D | | | 80 | 30 | 1000 | 5½ | 58 | 5½ | - | (S) |
| 2416 | | | | | | 90 | 20 | 1000 | 5½ | 58 | 5½ | - | |

Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| 2416 | 2¾° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4 00 | 6 30 | 2½ | | | | | | DRILLING 8¾" HOLE |
| 6 30 | 6 45 | ¼ | | | | | | SURVEY |
| 6 45 | 7 00 | ¼ | | | | | | RIG SERVICE |
| 7 00 | 10 15 | 3¼ | | | | | | DRILLING |
| 10 15 | 10 30 | ¼ | | | | | | SURVEY |
| 10 30 | 11 00 | ½ | | | | | | CIR. SAMPLE |
| 11 00 | 12 00 | 1 | | | | | | TRIP FOR BIT. |

No. 7739

GUTHRIE, McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA - SoBC - Gulf Amimin Johnson - A-12 | Date MARCH. 19 1973

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

Weather Condition Cold | Road Conditions Rough | Nearest Town NORMAN WELLS | Water - Source LAKE | Miles Hauled 7 3/4 | Pumped ____ | Camp Distance from Rig 100 yds | Reason for Extra L. Plant Stand-by

OPERATOR: AN ESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

Rig No. 2 DWKS JDCC. 711 | Drill Pipe String No. 2 Size 4½ | Tool Joint 6" O.D. Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | JDCC. | MM.600 | 16 |
| 2. | A.SCO. | C.115.B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9 5/8 | SAP | 36. H.S | 19 | 617.93 | 13.90 | 11.13 6.12 | CEMENTED with 300 SKS CEMENT + 2 CHL SUPP |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 3¼ | | |
| Reaming | | | |
| Condition Mud & Circulating SAMPLE | ¼ | 1¼ | |
| Trips | 2¼ | ½ | 3½ |
| Lubricate Rig | ¼ | 1¼ | |
| Deviation Survey | ¼ | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | 1 |
| Coring DIAMOND BIT | 1¾ | 7 | 3¾ |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | 4 |
| Other BACKREAMING | | | 3¼ |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 13 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1⅛ |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 74 |
| Cumulative Ton Mi. or Trips | 74 |
| No. of Days From Spud | 10 |
| Cumulative Rotating Hrs. | 55 |

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 17 | Stands D.P. | 1653.39 Ft. |
| 2 | Singles D.P. | Ft. |
| 2 | D.C. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 6¼ O.D. | 4.00 Ft. |
| | Subs 6¼ O.D. | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 31.18 Ft. |
| | Total | 2156.00 Ft. |
| Wt. of String | 83.000 Lbs. | |
| Pipe in Hole | 53 Jts. | |
| Pipe on Racks | 120 Jts. | |
| Total Pipe on Lease | 173 Jts. | |

BIT RECORD

| | | |
|---|---|---|
| Bit No. | 4 | C1 |
| Size | 8 3/4 | |
| Mfg. | REED | WESTDRILL |
| Type | SS1G | D |
| Nozzle No. | 3 | |
| Nozzle Size | 12 | |
| Ser. No. | 194743 | 62792 |
| Depth Out | 2156 | |
| Depth In | 2095 | 2156 |
| Total Ftg. | 61 | |
| Total Hr. Run | 4½ | |
| Cond. of Bit | 2-1-1 | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

| Time | 2⁰⁰ | 5⁰⁰ | 7⁰⁰ |
|---|---|---|---|
| Weight | 9.2 | 9.2 | 9.2 |
| Visc.-Sec. | 44 | 45 | 46 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 300 LBS | | |

Driller Jerry Sweezey

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2115 | 2156 | 41 | D. | | | 70 | 30 | 1000 | 5½ | 58 | 5½ | — | (C) |

Deviation Record: Depth 2156 | Dev. 1 3/4 | Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12⁰⁰ | 12¹⁵ | ¼ | | | | | | Rig SERVICE |
| 12¹⁵ | 2⁴⁵ | 2½ | | | | | | DRILLING 8¾ HOLE |
| 2⁴⁵ | 3⁰⁰ | ¼ | | | | | | CIRC. SAMPLE |
| 3⁰⁰ | 3⁴⁵ | ¾ | | | | | | DRILLING 8¾ HOLE |
| 3⁴⁵ | 4⁰⁰ | ¼ | | | | | | SERVICE |
| 4⁰⁰ | 5³⁰ | 1½ | | | | | | TRIP for CORE |
| 5³⁰ | 7¹⁵ | 1¾ | | | | | | MAKE up CORE-BARREL |
| 7¹⁵ | 8⁰⁰ | ¾ | | | | | | RUN IN with CORE-BARREL |

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 18 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 1216.93 Ft. |
| 12 | D.C. 2¼ 6¼ I.D. O.D. | 369.37 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 2 | Subs 6¼ O.D. | 3.70 Ft. |
| | Bit or C.B. | 55.82 Ft. |
| | Kelly Down | 40.12 Ft. |
| | Total | 2186.00 Ft. |
| Wt. of String | 80,000 Lbs. | |
| Pipe in Hole | 55 Jts. | |
| Pipe on Racks | 118 Jts. | |
| Total Pipe on Lease | 173 Jts. | |

BIT RECORD

| | | |
|---|---|---|
| Bit No. | C1 | |
| Size | (2) 3/16 x 3½ | |
| Mfg. | DIAMOND | |
| Type | WESTDRILL | |
| Nozzle No. | | |
| Nozzle Size | | |
| Ser. No. | 102-22 | |
| Depth Out | | |
| Depth In | 2156 | |
| Total Ftg. | 30 | |
| Total Hr. Run | 7 | |
| Cond. of Bit | IN. | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

| Time | 9⁰⁰ | 12⁰⁰ | 3⁰⁰ |
|---|---|---|---|
| Weight | 9.1 | 9.1 | 9.1 |
| Visc.-Sec. | 40 | 42 | 41 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | 11.0 | 11.0 | 11.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller L. McCarthur

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2156 | 2186 | 30 | C | | | 70 | 9 | 300 | 5½ | 36 | 5½ | — | (S) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 2⁰⁰ | 2¹⁵ | ¼ | | | | | | RIG SERVICE, CHECK BOPS., MOTOR SHUT OFFS. |
| 2¹⁵ | 2⁴⁵ | ½ | | | | | | FINISHED IN JW CORE BBLS. |
| 2⁴⁵ | 3⁰⁰ | ¼ | | | | | | CIRC ON BOTTOM. |
| 3⁰⁰ | 4⁰⁰ | 1 | | | | | | CORING NO. 1 |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

BIT RECORD

| | | |
|---|---|---|
| Bit No. | C1 | |
| Size | (2) 3/16 x 3½ | |
| Mfg. | WESTDRILL | |
| Type | DIAMOND | |
| Nozzle No. | | |
| Nozzle Size | | |
| Ser. No. | 102-22 | |
| Depth Out | 2206 | |
| Depth In | 2156 | |
| Total Ftg. | 50 | |
| Total Hr. Run | 10¾ | |
| Cond. of Bit | | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

| Time | 5⁰⁰ | 8⁰⁰ | 11⁰⁰ |
|---|---|---|---|
| Weight | 9.1 | 9.1 | |
| Visc.-Sec. | 42 | 40 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | 11.0 | 11.0 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2186 | 2206 | 20 | C | | | 90 | 9 | 350 | 5½ | 36 | 5½ | | (S) |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4⁰⁰ | 7⁴⁵ | 3¾ | | | | | | CORING NO. 1 |
| 7⁴⁵ | 9⁰⁰ | 1¼ | | | | | | BREAK OFF CORE AND HOIST OUT. |
| 9⁰⁰ | 9⁴⁵ | ¾ | | | | | | RECOVER CORE |
| 9⁴⁵ | 11⁰⁰ | 1¼ | | | | | | RUNNING IN WITH 8¾ BIT TO REAM BACK |
| 11⁰⁰ | 12⁰⁰ | 1 | | | | | | WORK ON BRAKES |
| ~~12⁰⁰~~ | ~~1⁰⁰~~ | ~~1~~ | | | | | | ~~RUNNING IN HOLE~~ |
| ~~1⁰⁰~~ | | | | | | | | ~~REAMING BACK TO BOTTOM~~ |

No. 7738

GUTHRIE McLAREN Drilling, Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA - SO BC. Gulf-Ammia Johnson - A-12

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

Date: MARCH 18 1973

Weather Condition: STORMY | Road Conditions: Rough | Nearest Town: MORINVILLE WEBBS | Water - Source: L.A. R.F. | Miles Hauled: 3 | Pumped: ____ | Camp Distance from Rig: 100 YDS. | Reason for Extra L. Plant: STandby

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

Rig No. 2 | DWKS: IOCO: T.11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6 O.D. | Type Thd.: F H

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | FOCO. | M 14-600 | 16 |
| 2. | IOSCO. | C. 15 O.B. | 12 |
| 3. | | | |

| LAST CASING TUBING OR LINER | Size | Make | Wt. & Gr. | No Joints | Feet | P.K.B. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 9⅝ | DAP | 36 K.S. | 19 | 1793 | 1390 | K.B. 13 G.L. 12 | CEMENTED WITH 300 SKS CEMENT & 2 CALSEAL |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 7¼ | 6¼ | 3¼ |
| Reaming | | | |
| Conditioning Mud & Circulating Sample | | 1¼ | |
| Trips | | | 3¼ |
| Lubricate Rig | ¼ | 1¼ | ¼ |
| Deviation Survey | ½ | ½ | ½ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other CIR SAMPLES | | 3¼ | 2¼ |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No. 7

No. of Lines 8 Size 1⅛

Feet Slipped 1200

Feet Cut Off

Present Length 9800

Ton Mi. or Trips Since Last Cut 63

Cumulative Ton Mi. or Trips 63

No. of Days From Spud 9

Cumulative Rotating Hrs. ~~51~~ 51¾

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 15 | Stands D.P. | 14C360 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 7" O.D. 2¼ I.D. | 61.37 | Ft. |
| 10 | D.C. 6¼" O.D. 2¼ I.D. | 308.84 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body 4⅞ O.D. | 4.00 | Ft. |
| | Subs O.D. | 4.00 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 41.80 | Ft. |
| | Total | 1823.61 | Ft. |
| Wt. of String | | 70,000 | Lbs. |
| Pipe in Hole | | 45 | Jts. |
| Pipe on Racks | | 128 | Jts. |
| Total Pipe on Lease | | ~~173~~ | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 8¾ | |
| Mfg. | SEC | |
| Type | M44 | |
| Nozzle No. | 3 | |
| Nozzle Size | 12 | |
| Ser. No. | 913130 | |
| Depth Out | | |
| Depth In | 1481 | |
| Total Ftg. | 342 | |
| Total Hr. Run | 14 | |
| Cond. of Bit | 1N | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

| MUD RECORD | | | |
|---|---|---|---|
| Time | 2:00 | 4:00 | 7:00 |
| Weight | 9.3 | 9.3 | 9.3 |
| Visc.-Sec. | 46 | 45 | 44 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller: Gary Savage

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1650 | 1823 | 173 | D | | | 120 | 15 20 | 1000 | 5½ | 58 | 5½ | — | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1700 | 1¾° | | 1794 | 2° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | RIG SERVICE |
| 12:15 | 2:15 | 2 | | | | | | DRILLING 8¾ HOLE |
| 2:15 | 2:30 | ¼ | | | | | | SURVEY |
| 2:30 | 6:30 | 4 | | | | | | DRILLING 8¾ HOLE |
| 6:30 | 6:45 | ¼ | | | | | | SURVEY |
| 6:45 | 8:00 | 1¼ | | | | | | DRILLING 8¾ HOLE |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 17 | Stands D.P. | 1654.38 | Ft. |
| 2 | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 10 | D.C. 2¼ I.D. 6¼" O.D. | 308.84 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs O.D. | 4.00 | Ft. |
| 1 | Bit ~~Sub~~ O.D. | 4.00 | Ft. |
| | Kelly Down | 27.41 | Ft. |
| | Total | 2060.00 | Ft. |
| Wt. of String | | 72,000 | Lbs. |
| Pipe in Hole | | 53 | Jts. |
| Pipe on Racks | | 120 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 8¾ | |
| Mfg. | SEC | |
| Type | M44 | |
| Nozzle No. | 3 | |
| Nozzle Size | 12 | |
| Ser. No. | 913130 | |
| Depth Out | | |
| Depth In | 1481 | |
| Total Ftg. | 579 | |
| Total Hr. Run | 20¼ | |
| Cond. of Bit | 1N | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9:00 | 12:00 | 3:00 |
| Weight | 9.4 | 9.3 | 9.1 |
| Visc.-Sec. | 44 | 44 | 40 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 2000 # | | |

Driller: L. McCutcheon

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1823 | 20160 | 337 | D | | | 120 | 20 | 1000 | 5½ | 58 | 5½ | | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1886 | 1½° | | 1980 | 1½° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 9:30 | 1½ | | | | | | DRILLING 8¾" HOLE |
| 9:30 | 9:45 | ¼ | | | | | | RIG SERVICE CHECK BOPS MOTOR SHUT OFFS. |
| 9:45 | 10:00 | ¼ | | | | | | SURVEY |
| 10:00 | 12:30 | 2½ | | | | | | DRILLING |
| 12:30 | 12:45 | ¼ | | | | | | SURVEY |
| ~~12:45~~ | ~~1:30~~ | ~~¾~~ | | | | | | ~~DRILLING~~ |
| ~~1:30~~ | ~~3:45~~ | ~~2¼~~ | | | | | | ~~CIRC SAMPLES~~ |
| 12:45 | 1:30 | ¾ | | | | | | WORK ON FLOWLINE & CLEAN SUCTION TANK. |
| 1:30 | 3:45 | 2¼ | | | | | | DRILLING |
| 3:45 | 4:00 | ¼ | | | | | | CIRC SAMPLE. |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 17 | Stands D.P. | 1623.08 | Ft. |
| 1 | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼" O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body 4⅞ O.D. | 4.00 | Ft. |
| | Subs ~~Bit~~ O.D. | 4.00 | Ft. |
| | Bit or C.B. | 2115.00 | Ft. |
| | Kelly Down | ~~40.00~~ | Ft. |
| | Total | 2115.00 | Ft. |
| Wt. of String | | 83,000 | Lbs. |
| Pipe in Hole | | 52 | Jts. |
| Pipe on Racks | | 121 | Jts. |
| Total Pipe on Lease | | 173 | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | 4 |
| Size | 8¾ | 8¾ |
| Mfg. | SEC | REED |
| Type | M44 | SS16 |
| Nozzle No. | 3 | 3 |
| Nozzle Size | 12 | 12 |
| Ser. No. | 913130 | [illegible] |
| Depth Out | 2095 | 4747 |
| Depth In | 1481 | 2095 |
| Total Ftg. | 613 | 20 |
| Total Hr. Run | 22¼ | 1¼ |
| Cond. of Bit | 6-6-1 | 1N |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

| MUD RECORD | | | |
|---|---|---|---|
| Time | 5:00 | 8:00 | 11:00 |
| Weight | 9.1 | 9.1 | 9.1 |
| Visc.-Sec. | 40 | 41 | 42 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | [illegible] | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | - 700 - LBS | | |

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20160 | 20955 | 35 | D | 17 | | 120 | 20 | 1000 | 5½ | 58 | 5½ | | S |
| 20955 | 21150 | 20 | D | Bit No. 4. | | 70 | 30 | 1000 | 5½ | 58 | 5½ | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 2074 | 1½° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:30 | ½ | | | | | | CIRC SAMPLE |
| 4:30 | 5:30 | 1 | | | | | | DRILLING 8¾" HOLE. |
| 5:30 | 5:45 | ¼ | | | | | | SURVEY |
| 5:45 | 6:00 | ¼ | | | | | | RIG SERVICE |
| 6:00 | 7:00 | 1 | | | | | | DRILLING |
| 7:00 | 7:15 | ¼ | | | | | | CIRC. SAMPLE. |
| 7:15 | 10:45 | 3½ | | | | | | TRIP FOR BIT |
| 10:45 | 12:00 | 1¼ | | | | | | DRILLING 8¾ HOLE |

No. 7737

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA - SoBC - Gulf Admin Johnson-A-12.
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: MARCH 17 1973
Weather Condition: S Tommy Road Conditions: Rough Nearest Town: NORMAIL WELLS Water - Source: LAKE Miles Hauled: 3½ Pumped ___ Camp Distance from Rig: 100 yds Reason for Extra L. Plant: Standby

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

Rig No. 2 DWKS 7000-7111 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H. - 6 O.D.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM-600 | 16 |
| 2. | NSCO | C15.0.B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No. Joints | Feet | K.B. to CSG. HD | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | SAP | 36 H.S. | 19 | 617.93 | 13.90 | K.B. 6.12 | CEMENTED WITH 300 SACKS CEMENT & 2 CaCl2 SAND |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 7½ | 5 | 6¾ |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | | 2½ | |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | ¼ | ¼ | 1 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1/4 |
| Feet Slipped | 12.00 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | 42 |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 8 |
| Cumulative Rotating Hrs. | 34 3/4 |

## MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 9 | Stands D.P. | 841.18 Ft. |
| | Singles D.P. | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 7⅞ O.D. | 4.00 Ft. |
| | Subs O.D. | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 41.80 Ft. |
| | Total | 1356.42 Ft. |

Wt. of String 72,000 Lbs.
Pipe in Hole 21 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 2 |
| Size | 8¾ |
| Mfg. | REED |
| Type | SS1G |
| Nozzle No. | 3 |
| Nozzle Size | 11 |
| Ser. No. | 46943 |
| Depth Out | |
| Depth In | 1027 |
| Total Ftg. | 329 |
| Total Hr. Run | 12 |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 3:00 | 5:00 | 7:00 |
| Weight | 9.2 | 9.2 | 9.2 |
| Visc.-Sec. | 30 | 45 | 45 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | 9.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 4000 lbs. | | |
| CAUSTIC | 100 lbs | | |

Driller: Gerry Sweeney

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOV'Y) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1168 | 1356 | 188 | D | | | 85 | 35000 | 1300 | 5½ | 60 | 5½ | - | C |
| | | | | | | 85 | 35 | 1000 | 5½ | 39 | | | |

Deviation Record: Depth 1356 — Dev. 1¼° — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig SERVICE |
| 12:15 | 7:15 | 7 | | | | | | DRILLING 8¾ HOLE |
| 7:15 | 7:30 | ¼ | | | | | | SURVEY |
| 7:30 | 8:00 | ½ | | | | | | DRILLING 8¾ HOLE |

## DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 11 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 1062.79 Ft. |
| 2 | D.C. 2¼ I.D. 6¼ O.D. | 61.37 Ft. |
| 10 | D.C. 2¼ I.D. 6¼ O.D. | 308.84 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 7⅞ O.D. | 4.00 Ft. |
| 1 | Subs O.D. | 4.00 Ft. |
| 1 | Bit or C.B. | 4.00 Ft. |
| | Kelly Down | 40.00 Ft. |
| | Total | 1491.00 Ft. |

Wt. of String 70,000 Lbs.
Pipe in Hole 34 Jts.
Pipe on Racks 139 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 2 |
| Size | 8¾ |
| Mfg. | REED |
| Type | SS1G |
| Nozzle No. | 3 |
| Nozzle Size | 11 |
| Ser. No. | 46,9435 |
| Depth Out | 1481 |
| Depth In | 1027 |
| Total Ftg. | 454 |
| Total Hr. Run | 17 |
| Cond. of Bit | 1-2-1 |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 9:00 | 12:00 | |
| Weight | 9.6 | 9.3 | |
| Visc.-Sec. | 45 | 40 | |
| W.L.-C.C. | | | 1 |
| FL TR. CK. | | | P |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | | 1800 # | |

Driller: J. MacLachlan

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1356 | 1481 | 125 | D | | | 90 | 30 | 1400 | 5½ | 58 | 5½ | - | (S) |

Deviation Record: Depth 1450 — Dev. 2½° — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 2:00 | 2:45 | ¾ | | | | | | DRILLING 8¾ HOLE |
| 2:45 | 3:00 | ¼ | | | | | | RIG SERVICE CHECK BOPS MOTOR SHUT OFFS. |
| 3:00 | 11:45 | 2¾ | | | | | | DRILLING |
| 11:45 | 12:00 | ¼ | | | | | | SURVEY |
| 12:00 | 1:30 | 1½ | | | | | | DRILLING |
| 1:30 | 4:00 | 2½ | | | | | | TRIP OUT TO PROD 3 SOLLBRS. RUN IN W/ NEW BIT NO. 3 |

## EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

| NO. | | |
|---|---|---|
| 13 | Stands D.P. | 1249.27 Ft. |
| 1 | Singles D.P. | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 Ft. |
| 10 | D.C. 2¼ I.D. 6¼ O.D. | 308.84 Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body 7⅞ O.D. | 4.00 Ft. |
| | Subs O.D. | 4.00 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 2280 Ft. |
| | Total | 1654.28 Ft. |

Wt. of String 70,000 Lbs.
Pipe in Hole 40 Jts.
Pipe on Racks 133 Jts.
Total Pipe on Lease 173 Jts.

BIT RECORD

| | |
|---|---|
| Bit No. | 3 |
| Size | 8¾ |
| Mfg. | SEC |
| Type | M44 |
| Nozzle No. | 3 |
| Nozzle Size | 12 |
| Ser. No. | 913130 |
| Depth Out | |
| Depth In | 1481 |
| Total Ftg. | 169 |
| Total Hr. Run | 3¾ |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

| | | | |
|---|---|---|---|
| Time | 5:00 | 8:00 | 11:00 |
| Weight | 9.3 | 9.3 | 9.3 |
| Visc.-Sec. | 42 | 44 | 46 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 300 | LBS | |

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1481 | 1650 | 169 | D | | | 120 | 20 | 1200 | 5½ | 58 | 5½ | - | (S) |
| | | | | | | 120 | 10-15 | 1400 | 5½ | 58 | | | |

Deviation Record: Depth 1513 — Dev. 2¼° — Direction 1638 — Depth 2° — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | ~~DRILLING~~ |
| 4:15 | 5:15 | 1 | | | | | | RIG SERVICE |
| 5:15 | 5:30 | ¼ | | | | | | DRILLING 8¾ HOLE |
| 5:30 | 9:00 | 3½ | | | | | | SURVEY |
| 9:00 | 9:30 | ½ | | | | | | DRILLING |
| 9:30 | 11:00 | 1½ | | | | | | SURVEY |
| 11:00 | 11:15 | ¼ | | | | | | DRILLING 8¾ HOLE |
| 11:15 | 12:00 | ¾ | | | | | | SURVEY |
| | | | | | | | | DRILLING 8¾ HOLE |

No. 7736

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease / Well Name: DEALTA SoBC. Gulf Amine — Date: MARCH 16 1973

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

Weather Condition: STORMY — Road Conditions: Rough — Nearest Town: NORMAN WELLS — Water - Source: Miles Hauled: 3 — Pumped: — Camp Distance from Rig: 100 - 183 — Reason for Extra L. Plant: STANDBY

OPERATOR: WESTERN DEALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

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

| Rig No. | Drill Pipe String No. | Drill Pipe String Size | Tool Joint Type Thd. | Tool Joint O.D. |
|---|---|---|---|---|
| 2 DWKS IDECO T-11 | 2 | 4½ | FH | 6 |

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | H.M.600 | 16 |
| 2. | NSCO | | |
| 3. | | C-150B | 12 |

LAST CASING TUBING OR LINER

| | Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 9 5/8 | SAF | 36 K55 | 19 | 6793 | 13.90 | K.B. 6.12 | CEMENTED WITH 300 SKS. CEMENT + 2 % CALCIUM |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 3½ | 7¼ | 5 |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 2¾ | | 2¼ |
| Lubricate Rig | ¼ | 1/4 | 1/4 |
| Deviation Survey | | ½ | ½ |
| Test B.O.P. | 1½ | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | (S) | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 9 | 9 | 6 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | 7 |
| No. of Lines | 8 Size 1 1/2 |
| Feet Slipped | 1200 |
| Feet Cut Off | |
| Present Length | 3800 |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 7 |
| Cumulative Rotating Hrs. | 15 3/4 |

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 2 | Stands D.P. | 2186 | Ft. |
| 1 | Singles D.P. | | Ft. |
| 2 | D.C. 2 1/4" I.D. 6 1/2" O.D. | 61.37 | Ft. |
| 13 | D.C. 2 1/4 I.D. 6 1/2 O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | 4.00 | Ft. |
| | Subs B6 O.D. | 4.00 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 41.80 | Ft. |
| | Total | 731.00 | Ft. |
| Wt. of String | 62 000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | |
|---|---|
| Bit No. | 1 |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | S5JG |
| Nozzle No. | 3 |
| Nozzle Size | 11 |
| Ser. No. | 795989 |
| Depth Out | |
| Depth In | 568 |
| Total Ftg. | 119 |
| Total Hr. Run | 3½ |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 4 00 | 5 00 | 7 00 |
| Weight | 8.3 | 8.3 | 8.3 |
| Visc.-Sec. | 28 | 28 | 28 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller: Gene Jennings

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 612 | 731 | 119 | D | | | 60 | 10 000 | 1000 | 5½ | | 5½ | — | S |
| | | | | | | 80 | 25 000 | 1200 | 5½ | 54 | | | |
| 568 | 612 | 44' CEMENT | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 7 00 | 12 15 | 5 | | | | | | RIG SERVICE |
| 12 15 | 3 00 | 2¾ | | | | | | RUN IN HOLE WITH 8¾ BIT |
| 3 00 | 4 30 | 1¼ | | | | | | CHECK BOP RAMS & HIGHEAD |
| 4 30 | 5 15 | ¾ | | | | | | DRILL CEMENT & FLT 568 TO 612 |
| 5 15 | 8 00 | 2¾ | | | | | | Through CEMENT - DRILLING 8¾ HOLE |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 5 | Stands D.P. | | Ft. |
| 2 | Singles D.P. | 531.48 | Ft. |
| 2 | D.C. 2¼ I.D. 6 O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs O.D. | 4.00 | Ft. |
| 1 | Bit or C.B. | 4.00 | Ft. |
| | Kelly Down | 10.08 | Ft. |
| | Total | 1012.00 | Ft. |
| Wt. of String | 70,000 | | Lbs. |
| Pipe in Hole | 17 | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | |
|---|---|
| Bit No. | 1 |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | S5J6 |
| Nozzle No. | 3 |
| Nozzle Size | 11 |
| Ser. No. | 795989 |
| Depth Out | |
| Depth In | 612 |
| Total Ftg. | 400 |
| Total Hr. Run | 10 3/4 |
| Cond. of Bit | 1N |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9 00 | 2 00 | 5 00 |
| Weight | 8.3 | 8.6 | 8.6 |
| Visc.-Sec. | 28 | 28 | 28 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller: L. McCuthan

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 731 | 1012 | 281 | D | | | 70 | 25 | 1000 | 5½ | 54 | 5½ | | (S) |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 760 | 1 1/4° | | | 1° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 6 00 | 6 15 | ¼ | | | | | | RIG SERVICE CHECK BOPS + MAIN SHUTOFF |
| 6 15 | 6 45 | ½ | | | | | | DRILLING 8¾ HOLE. |
| 6 45 | 7 00 | ¼ | | | | | | SURVEY |
| 7 00 | 2 00 | 5 | | | | | | DRILLING |
| 2 00 | 2 15 | ¼ | | | | | | SURVEY |
| 2 15 | 4 00 | 1¾ | | | | | | DRILLING. |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 7 | Stands D.P. | 6576.54 | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼" I.D. 6 7/8" O.D. | 61.37 | Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | 4.00 | Ft. |
| | Subs O.D. | 4.00 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 41.80 | Ft. |
| | Total | 11687.8 | Ft. |
| Wt. of String | 71.000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 1 | 2 |
| Size | 8 3/4 | 8 3/4 |
| Mfg. | REED | REED |
| Type | S5J6 | S5J6 |
| Nozzle No. | 3 | 3 |
| Nozzle Size | 11 | 11 |
| Ser. No. | 795989 | 41943 |
| Depth Out | 1027 | |
| Depth In | 612 | 1027 |
| Total Ftg. | 415 | 141 |
| Total Hr. Run | 11¼ | 4½ |
| Cond. of Bit | 2-1-1 | 1N |
| Reamer No. | WASHED OUT | |
| Reamer Type | JET. | |

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 5 00 | 5 00 | 11 00 |
| Weight | 8.6 | 8.6 | |
| Visc.-Sec. | 28 | 28 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1012 | 1168 | 156 | D | | | 70 | 30 | 1000 | 5½ | 54 | 5½ | | (S) |
| | | | | | | 80 | 35 | 1300 | 5½ | 60 | 5½ | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1137 | ¾° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4 00 | 4 30 | ½ | | | | | | DRILLING |
| 4 30 | 4 45 | ¼ | | | | | | RIG SERVICE |
| 4 45 | | | | | | | | TRIP OUT GIANED PUMP STROKE |
| | 6 00 | 1¼ | | | | | | LOST PUMP PRESS JET WASHED OUT |
| 6 00 | 7 00 | 1 | | | | | | IN BIT. NO. 1 |
| 7 00 | 1 45 | 6¾ | | | | | | RUN IN W BIT NO. 2 |
| 1 45 | 11 15 | 9½ | | | | | | DRILLING |
| 11 15 | 12 00 | ¾ | | | | | | CUT & SERVEY |
| | | | | | | | | DRILLING 8¾ HOLE |

No. 7735

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA SOIPC CYLE NORMAN JOHNSON A-12. Date: MARCH 15 1973

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

Weather Condition: -10 STORMY Road Conditions: Rough Nearest Town: NORMAN WELLS Water - Source: TANKER Miles Hauled: 3½ Pumped ... Camp Distance from Rig: 1600 YDS Reason for Extra L. Plant: STANDBY

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lunergy

Rig No. 2 DWKS IDECO

Drill Pipe String: No. 7 Size 4½

Tool Joint: Type Thd. EH 6 O.D.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | T. DECO | MM600 | 16 |
| 2. | NSCO | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No. Joints | Feet | RKB. to CSG. HD. | Set at RKB. | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | J&L | 36 K55 | 19 | 617.93 | 13.90 | 612 | CEMENTED WITH 300 SKS CEMENT + 2% GEL. |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | | | |
| Lubricate Rig | | ¼ | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other NIPPING UP BOP | | 17¾ | |
| Fishing | | | |
| A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | - | |
| Totals | | 8 | |

COMPLETION WORK

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | |
| No. of Lines | Size |
| Feet Slipped | |
| Feet Cut Off | |
| Present Length | |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | 6 |
| Cumulative Rotating Hrs. | |

## MORNING TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Harold Chatton

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12.30 | 8.00 | 7½ | | | | | | Nipple up B.O.P. |
| | | | | | | | | Rig up manifold. Flare line & riser |
| | | | | | | | | Repair broken Hydril Lines |
| | | | | | | | | Pressure up B.O.P. manifold on floor |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 2 | Stands D.P. | 2186 Ft. |
| 1 | Singles D.P. | Ft. |
| 19 | D.C. 7" I.D. O.D. | 308.85 Ft. |
| 2 | D.C. I.D. O.D. | 61.37 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | 3.90 Ft. |
| | Subs O.D. | 3.97 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 11 40 Ft. |
| | Total | 614.00 Ft. |
| Wt. of String | | 32,000 Lbs. |
| Pipe in Hole | | Jts. |
| Pipe on Racks | | Jts. |
| Total Pipe on Lease | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Tony Lowery

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8.00 | 8.15 | ¼ | | | | | | RIG SERVICE |
| 8.15 | 4.00 | 7¾ | | | | | | Nipping up B.O.P. & Flowline |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| | Stands D.P. | Ft. |
| | Singles D.P. | Ft. |
| 2 | D.C. 2¼ I.D. 7 O.D. | 61.37 Ft. |
| 13 | D.C. 2¼ I.D. 6¼ O.D. | 401.07 Ft. |
| | Stb. Body O.D | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| 1 | Subs O.D. | 4.00 Ft. |
| 1 | Bit or C.B. | 4.00 Ft. |
| | Kelly Down | Ft. |
| | Total | Ft. |
| Wt. of String | | Lbs. |
| Pipe in Hole | | Jts. |
| Pipe on Racks | | Jts. |
| Total Pipe on Lease | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | 8 3/4 |
| Mfg. | REED |
| Type | SS16 |
| Nozzle No. | 3 |
| Nozzle Size | 11 |
| Ser. No. | 395989 |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ... Trucker ... Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller: J. McCathon

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4.00 | 9.00 | 4 | | | | | | REPLACE SEALS & PISTON RUBBERS IN SHAFFER |
| 8.00 | 10.00 | 2 | | | | | | [redacted] THREAD NEW LINE, DRILLING LINE |
| 10.00 | 11.00 | 1 | | | | | | PRESS TEST BLIND RAMS & BLOW OUT MANIFOLD AT 1050 PSI. AND HELD FOR 15 MIN. OK. |
| 11.00 | 12.00 | 1 | | | | | | RUN IN COLLARS. PICK 3 OFFS RACKS |

No. 7734

CUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta DORE Gulf Ammine Johnson F-12

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

Date: March 14 1975

Weather Condition: 10° - Road Conditions: Rough Nearest Town: Warman Wells

Water - Source: Lake Miles Hauled: 5½ Pumped ...

Camp Distance from Rig: 100 yds. Reason for Extra L. Plant: ...

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lewerenz

Rig No. 2 DWKS Ideco 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint 6" O.D. Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm 600 | 16 |
| 2. | National | C 150 B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | J&P | 36# K55 | 19 | 617.77 | 13.30 | 612 | CEMENTED WITH 3 sks CEMENT + 2% CaCl2 |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 2 | Stands D.P. | | Ft. |
| 1 | Singles D.P. | 218.61 | Ft. |
| 2 | D.C. 2⅞ I.D. 7" O.D. | 61.37 | Ft. |
| 10 | D.C. 2¼ I.D. 6¼ O.D. | 208.85 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs X/O O.D. | 3.97 | Ft. |
| 1 | Bit or C.B. | 2.50 | Ft. |
| | Kelly Down | 18.75 | Ft. |
| | Total | 614.00 | Ft. |
| Wt. of String | | 52.000 | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 8:30 | 8 | | | | | | W.O.C. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 2 | Stands D.P. | 218.61 | Ft. |
| 1 | Singles D.P. | | Ft. |
| 2 | D.C. 2⅞ I.D. 7" O.D. | 61.37 | Ft. |
| 10 | D.C. 2¼ I.D. 6¼ O.D. | 208.85 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | 3.97 | Ft. |
| 1 | Subs X/O O.D. | 2.50 | Ft. |
| | Bit or C.B. | 18.75 | Ft. |
| | Kelly Down | 614.00 | Ft. |
| | Total | 52.000 | Ft. |
| Wt. of String | | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller Gary Lewerenz

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 4:00 | 8 | | | | | | Rig C.C. & Nipping up To Drill-Out Shoe |

## EVENING TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Held 2nd Report Blocks Accepted as Final |

No. 7733

GUTHRIE McLAREN Drilling Co.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decualta SOSC Gulf Amine Johnson A-12

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

Date: March 13 1973

Weather Condition: 15° — Road Conditions: Rough — Nearest Town: Norman Wells — Water - Source: Lake — Miles Hauled: 3¾ — Pumped ____ — Camp Distance from Rig: 100 yards — Reason for Extra L. Plant: spare

OPERATOR: Western Decualta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lavergne

Rig No. 2 — DWKS: Idco 7-11

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 6" O.D. — Type Thd. F.H.

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Idco | manual | 16 |
| 2. | National | C150 3 | 12 |
| 3. | | | |

## LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 9⅝ | Jap. | 36 KS | 19 | 617.93 | 13.40 | 612 KB | CEMENTED WITH 300 SKS CEMENT + 2% CaCl. |

## TIME DISTRIBUTION — HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | 3¾ | | |
| Conditioning Mud & Circulating | 1¼ | | |
| Trips | 2½ | | |
| Lubricate Rig | ¼ | | |
| Deviation Survey | ¼ | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | | |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ____ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| NO. | | | |
|---|---|---|---|
| 2 | Stands D.P. | | Ft. |
| 1 | Singles D.P. | 218.61 | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 10 | D.C. 2¼ I.D. 6¼ O.D. | 308.85 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 7⅞ O.D. | 3.97 | Ft. |
| 1 | Bit ~~6¼~~ C.B. | 2.50 | Ft. |
| | Kelly Down | 18.70 | Ft. |
| | Total | 614.00 | Ft. |

Wt. of String: 52.000 Lbs.

Pipe in Hole ____ Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

### BIT RECORD

| | |
|---|---|
| Bit No. | RR 4 |
| Size | 12¼ |
| Mfg. | Hughes |
| Type | OSC1GJ |
| Nozzle No. | open |
| Nozzle Size | |
| Ser. No. | EA805 |
| Depth Out | 614 |
| Depth In | 543 |
| Total Ftg. | 71 |
| Total Hr. Run | 3¾ |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

### MUD RECORD

| | | | |
|---|---|---|---|
| Time | 12:00 | 4:00 | 8:00 |
| Weight | 9.6 | 9.6 | 9.6 |
| Visc.-Sec. | 40 | 90 | 140 |
| W.L.-C.C. | | | |
| FL TR CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 2000 lbs gel | | | |

Driller: Harold Chatten

### FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 543 | 614 | 71 | R | | | 120 | 6-9 | 400 | 5½ | 72 | 5½ | | S |

Deviation Record: Depth 614 — Dev. 1½° — Direction

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 4:00 | 3¾ | | | | | | Reaming to 12¼" hole |
| 4:00 | 4:30 | ½ | | | | | | Circulate before pulling out |
| 4:30 | 6:00 | 1½ | | | | | | Make clean out trip |
| 6:00 | 7:00 | 1 | | | | | | circulate before pulling out to run casing |
| 7:00 | 7:15 | ¼ | | | | | | Survey at 614' |
| 7:15 | 4:00 | 8¾ | | | | | | Pull out to run casing |

## DAY TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| | | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Subs O.D. | | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | | Ft. |
| | Total | | Ft. |

Wt. of String ____ Lbs.

Pipe in Hole ____ Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

### BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

### MUD RECORD

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

Mud & Chemicals Added

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

Driller

### FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth ____ — Dev. ____ — Direction

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig SERVICE |
| 8:15 | 12:30 | 4¼ | | | | | | RIG Up Run Casing & Run Casing |
| 12:30 | 3:30 | 3 | | | | | | Pit on Csg Head & Csg Csg |
| 3:30 | 4:00 | ½ | | | | | | Rig up Cement Unit & Cement Csg |

Ran 19 joints 9⅝ Casing 617.93 Landed at 612 KB Cemented with 300 SKS Cement + 2% Cacl

Rig down Bumped Plug at 4:30 Bled back 1½ Returns.

## EVENING TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| | | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Subs O.D. | | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | | Ft. |
| | Total | | Ft. |

Wt. of String ____ Lbs.

Pipe in Hole ____ Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

### BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

### MUD RECORD

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

Mud & Chemicals Added

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

Driller

### FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

Deviation Record: Depth ____ — Dev. ____ — Direction

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 5:00 | 1 | | | | | | Cement Casing |
| 5:00 | 12:00 | 7 | | | | | | W.O.C. |

No. 7732

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name Dekalta SOBC Gulf Amine Jubilee A-12 | Date March 12 1973

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

Weather Condition 15° | Road Conditions rough | Nearest Town Wainwright | Water - Source lake | Camp Distance from Rig 100 yds | Miles Hauled 5 | Pumped ... | Reason for Extra L. Plant spare

OPERATOR: Western Dekalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaigre

Rig No. 2 DWKS Telex 7611 | Drill Pipe String No. 2 Size 4½ | Tool Joint 6" O.D. Type Thd. 5½

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm600 | 16 |
| 2. | National | C150 P | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | 4¾ | 3¼ |
| Reaming | 5¼ | | |
| Conditioning Mud & Circulating | | | |
| Trips | 2 | 2 | ½ |
| Lubricate Rig | | ¼ | ¼ |
| Deviation Survey | | ¼ | ¼ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | ¾ |
| Coming off pipe | | ¾ | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | ¼ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 1 | Stands D.P. | 93 stds | 576 Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 7 2¼ I.D. O.D. | | 61.37 Ft. |
| 10 | D.C. 2¼ 6¼ I.D. O.D. | | 308.95 Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ C.D. | | 3.97 Ft. |
| 1 | Bit Sub C.B. | | 2.50 Ft. |
| | Kelly Down | | 41.75 Ft. |
| | Total | | 542.00 Ft. |
| Wt. of String | 52,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 4 | |
| Size | 12¼ | |
| Mfg. | Hughes | |
| Type | OSC1GJ | |
| Nozzle No. | open | |
| Nozzle Size | | |
| Ser. No. | KP205 | |
| Depth Out | | |
| Depth In | 359 | |
| Total Ftg. | 153 | |
| Total Hr. Run | 5¼ | |
| Cond. of Bit | 110 | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

| MUD RECORD | | | |
|---|---|---|---|
| Time | 12:00 | 4:00 | 8:00 |
| Weight | 9.2 | 9.2 | 9.2 |
| Visc.-Sec. | 66 | 60 | 65 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 1600 lbs gel | | | |
| 50 lbs gel | | | |

Driller: David Watton

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 359 | 512 | 153 | R | | | 120 | 10 | 600 | 5½ | 48 | 5½ | 61 | P |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 2:00 | 2 | | | | | | Run in with 12¼" bit. Hole tight had to break down collars and ream to bottom. |
| 2:00 | 4:30 | 2½ | | | | | | Reaming to 12¼" hole |
| 4:30 | 5:30 | 1 | | | | | | Lay down two singles & pick up stand of collars |
| 5:30 | 7:00 | 2 | | | | | | Reaming to 12¼" hole |
| 7:00 | 7:15 | ¼ | | | | | | Lay down 2 singles & pick up stand of pipe |
| 7:15 | 8:00 | ¾ | | | | | | Reaming to 12¼" hole |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 1 | Stands D.P. | 124 stds | 855 Ft. |
| 1 | Singles D.P. | | Ft. |
| 2 | D.C. I.D. O.D. | | 61.37 Ft. |
| 10 | D.C. 2¼ 6¼ I.D. O.D. | | 308.85 Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ C.D. | | 3.97 Ft. |
| 1 | Bit Sub C.B. | | 2.50 Ft. |
| | Kelly Down | | 41.80 Ft. |
| | Total | | 1343.34 Ft. |
| Wt. of String | 53,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 4 | BR.5 |
| Size | 12¼ | 8¾ |
| Mfg. | Hughes | SEC |
| Type | OSC1GJ | NH4W |
| Nozzle No. | OPEN | 2 1 |
| Nozzle Size | | 15/16 |
| Ser. No. | KP205 | 913140 |
| Depth Out | | |
| Depth In | 359 | 543 |
| Total Ftg. | 184 | |
| Total Hr. Run | 8¾ | 1¼ |
| Cond. of Bit | 1-1 | 1D |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9:00 | 11:00 | 3:00 |
| Weight | 9. | 9. | |
| Visc.-Sec. | 61 | 67 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | - | 1300 Lbs | |
| CAUSTIC | -X | | |

Driller: Gary Sawczyn

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 512 | 543 | 31 | D | | | 120 | 5-10 | 600 | 5½ | 48 | 5½ | — | S |
| 543 | 565 | 22 | — PILOT HOLE | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 543 | 1¾ | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig SERVICE |
| 8:15 | 11:45 | 3½ | | | | | | REAMING 12¼ HOLE (Bought DP Twisted |
| 11:45 | 12:00 | ¼ | | | | | | SCERVEY # 6 |
| 12:00 | 12:30 | ½ | | | | | | TRIP |
| 12:30 | 1:15 | ¾ | | | | | | PICK up Kelly work tight hole at 197 |
| 1:15 | 2:45 | 1½ | | | | | | TRIP to pilot Hole. |
| 2:45 | 4:00 | 1¼ | | | | | | DRILLING 8¾ PILOT HOLE FROM 543 |

BOARD 5 x 33 4
Tally 541 14
Risk 220
Correction Maid.

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 2 | Stands D.P. | | Ft. |
| 1 | Singles D.P. | 218.61 | Ft. |
| 2 | D.C. 7" I.D. O.D. | 61.37 | Ft. |
| 10 | D.C. 6¼ I.D. O.D. | 308.85 | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | Stb. Body C.D. | 3.97 | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ O.D. | 3.97 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 11.20 | Ft. |
| | Total | 614.30 | Ft. |
| Wt. of String | 52,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | BR.5 | |
| Size | 8¾ | |
| Mfg. | SEC | |
| Type | NH4W | |
| Nozzle No. | 2 1 | |
| Nozzle Size | 15/16 | |
| Ser. No. | 913140 | |
| Depth Out | 614 | |
| Depth In | 543 | |
| Total Ftg. | 71 | |
| Total Hr. Run | 5 | |
| Cond. of Bit | 4-2-1 | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

| MUD RECORD | | | |
|---|---|---|---|
| Time | 8:00 | 12:30 | |
| Weight | 9.4 | 9.4 | |
| Visc.-Sec. | 45 | 50 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 565 | 614 | 49 | D | | | 120 | 5-10 | 600 | 5½ | 48 | 5½ | — | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 614 | 1¾ | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Rig SERVICE |
| 4:15 | 4:45 | ½ | | | | | | DRILLING 8¾ PILOT HOLE |
| 4:45 | 5:00 | ¼ | | | | | | SCERVEY |
| 5:00 | 5:15 | ¼ | | | | | | REPAIR CHAIN |
| 5:15 | 7:00 | 1¾ | | | | | | DRILLING 8¾ PILOT HOLE |
| 7:00 | 9:00 | 2 | | | | | | REPAIR CHAIN & CAT LINKS IN Compound |
| 9:00 | 10:30 | 1½ | | | | | | Drilling 8¾ hole |
| 10:30 | 11:00 | ½ | | | | | | Pull out to pick up 12¼" bit to ream |
| 11:00 | 12:00 | 1 | | | | | | Run in with 12¼" bit |

No. 7731

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta SOBC Gulf Amoco Johnson A-12

Date: March 11 1973

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

Weather Condition: 15° — Road Conditions: Rough — Nearest Town: Vermilion Wells

Water - Source: Lake — Miles Hauled: 3½ — Pumped: ____ — Camp Distance from Rig: 100 yards — Reason for Extra L. Plant: Space

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lavergne

Rig No. 2 — DWKS Ideco 7-11

Drill Pipe String: No. 12 — Size 4½

Tool Joint: 6" O.D. — Type Thd. F.H.

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm600 | 16 |
| 2. | National | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 2¼ | 2¾ | 1¼ |
| Reaming | 8½ | | |
| Conditioning Mud & Circulating | | | |
| Trips | | 1½ | 3½ |
| Lubricate Rig | | ¼ | ¼ |
| Deviation Survey | | ¼ | ¼ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | 3¼ | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 2½ | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 7" 2¼ I.D. O.D. | 61.37 | Ft. |
| 8 | D.C. 6¼ 2¼ I.D. O.D. | 250.71 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | Rmr. Body 6⅝ O.D. | 2.65 | Ft. |
| 1 | Subs 4½ O.D. | 3.97 | Ft. |
| 1 | Bit Sub or C.B. | 2.50 | Ft. |
| | Kelly Down | 37.80 | Ft. |
| | Total | 359.60 | Ft. |

Wt. of String 42,000 Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 12¼ | |
| Mfg. | Hughes | |
| Type | OSC | |
| Nozzle No. | open | |
| Nozzle Size | | |
| Ser. No. | 3W17 | |
| Depth Out | | |
| Depth In | 172 | |
| Total Ftg. | 90 | |
| Total Hr. Run | 4¾ | |
| Cond. of Bit | IN | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 12:00 | 4:00 | 8:00 |
| Weight | 9.0 | 9.0 | |
| Visc.-Sec. | 45 | 45 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| | | | |
| 1000 lbs | Gel | | |

Driller: Leslie Lavergne

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 236 | 333 | 97 | A | | | 120 | 8-10 | open | 5½ | | 5½ | 72 | S |
| 333 | 359 | 26 | D | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:45 | ¾ | | | | | | Reaming 8¾" hole to 12¼" hole |
| 12:45 | 1:00 | ¼ | | | | | | Change to put main pump on hole to Rig Service |
| 1:00 | 3:45 | 2¾ | | | | | | Reaming to 12¼" hole |
| 3:45 | 4:30 | ¾ | | | | | | Lay down two singles to pick up stand of collars |
| 4:30 | 4:45 | ¼ | | | | | | Had to break down collars & ream fill to bottom |
| 4:45 | 7:00 | 2¼ | | | | | | Drilling 12¼" hole. |
| 7:00 | 8:00 | 1 | | | | | | Try to pull out of hole (stuck 50ft off bottom) |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 7" 2¼ I.D. O.D. | 61.37 | Ft. |
| 10 | D.C. I.D. O.D. | 313.66 | Ft. |
| | Stb. Body O.D. | 3.40 | Ft. |
| | Stb. Body O.D. | 3.47 | Ft. |
| | Rmr. Body O.D. | | Ft. |
| | Subs O.D. | | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 32.80 | Ft. |
| | Total | 401.30 | Ft. |

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | RR 2 |
| Size | 12¼ | 8¾ |
| Mfg. | Hughes | SEC |
| Type | OSC3G | M44N |
| Nozzle No. | OPEN | 2 1 |
| Nozzle Size | | 15 16 |
| Ser. No. | 3W17 | 913140 |
| Depth Out | 359 | |
| Depth In | 172 | 359 |
| Total Ftg. | 90 | |
| Total Hr. Run | 4¾ | |
| Cond. of Bit | | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9:00 | 3:00 | 3:00 |
| Weight | 9. | 9. | 9. |
| Visc.-Sec. | 40 | 48 | 37 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 11 100 lbs | | |
| CAUSTIC | 50 lbs | | |

Driller: Jerry Swergy

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 359 | 401 | 42 | P | | | | | | 5½ | | 5½ | — | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 359 | ¾ | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:15 | ¼ | | | | | | Rig SERVICE |
| 8:15 | 11:45 | 3½ | | | | | | Repair CHAIN & oil lines on Compound |
| 11:45 | 12:15 | ½ | | | | | | Hoist 12¼ Bit |
| 12:15 | 1:00 | ¾ | | TR-2 | | | | Run in hole with 8¾ Bit - pilot hole |
| 1:00 | 2:15 | 1¼ | | 1 | | | | Ream to Bottom & Take Survey |
| 2:15 | 4:00 | 1¾ | | | | | | Drilling 8¾ pilot hole |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| 1 | Stands D.P. | 93.71 | Ft. |
| 1 | Singles D.P. | 31.21 | Ft. |
| 2 | D.C. 7" 2¼ I.D. O.D. | 61.37 | Ft. |
| 10 | D.C. 6¼ 2¼ I.D. O.D. | 313.06 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Rmr. Body O.D. | | Ft. |
| 1 | Subs 4½ O.D. | 3.97 | Ft. |
| 1 | Bit Sub or C.B. | 4.00 | Ft. |
| | Kelly Down | 41.50 | Ft. |
| | Total | 549.00 | Ft. |

Wt. of String 50,000 Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

| BIT RECORD | | |
|---|---|---|
| Bit No. | RR 2 | |
| Size | 8¾ | |
| Mfg. | SEC | |
| Type | M44N | |
| Nozzle No. | 2 1 | |
| Nozzle Size | 15 15 | |
| Ser. No. | 913140 | |
| Depth Out | 549 | |
| Depth In | 359 | |
| Total Ftg. | 190 | |
| Total Hr. Run | 8½ | |
| Cond. of Bit | 3-2-1 | |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

| MUD RECORD | | | |
|---|---|---|---|
| Time | 8:00 | 8:00 | 11:00 |
| Weight | 9. | | |
| Visc.-Sec. | 52 | 50 | 70 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| 50 lbs caustic | | | |

Driller

| FOOTAGE From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 401 | 549 | 148 | D | | | 120 | 4-8 | 600 | 5½ | 64 | 5½ | — | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 538 | 1¼ | | 456 | 1¼ | | 549 | 1½ | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | ¼ | | | | | | Rig SERVICE |
| 4:15 | 5:45 | 1½ | | | | | | Drilling 8¾ pilot HOLE |
| 5:45 | 6:00 | ¼ | | | | | | SURVEY |
| 6:00 | 7:15 | 1¼ | | | | | | Drilling 8¾ HOLE |
| 7:15 | 7:30 | ¼ | | | | | | SURVEY |
| 7:30 | 9:30 | 2 | | | | | | Drilling 8¾ hole |
| 9:30 | 9:45 | ¼ | | | | | | Survey at 549 ½° |
| 9:45 | 11:15 | 1½ | | | | | | Drilling |
| 11:15 | 12:00 | ¾ | | | | | | Pull out to pick up 12¼" bit |

No. 7730

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta SWC Gulf Ammine Johnson A-12

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

Date: March 10 1973

Weather Condition: 20° | Road Conditions: Rough | Nearest Town: Warmen Wells | Water - Source: Creek | Miles Hauled: 3/4 | Pumped: ____ | Camp Distance from Rig: 100 yards | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lovejoy

Rig No. 2 DWKS Edson 7-11 | Drill Pipe String: No. 3, Size 4½ | Tool Joint: 6" O.D., Type Thd. SH

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | mm600 | 16 |
| 2. | National | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4¾ | 7½ | ~~4½~~ |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 1¼ | | ~~¾~~ |
| Lubricate Rig | ¼ | ¼ | ~~¼~~ |
| Deviation Survey | ½ | | ~~¾~~ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 1 | | ~~¾~~ |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ____ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 4 | D.C. 2¼ I.D. 6¼ O.D. | 123.43 | Ft. |
| 1 | Stb. Body O.D. | 5.37 | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | ~~Rmr. Body 7 5/8~~ O.D. | 3.97 | Ft. |
| 1 | Subs ~~7 5/8~~ O.D. | 1.16 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 14.30 | Ft. |
| | Total | 210.60 | Ft. |
| Wt. of String | 36,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

**BIT RECORD**

| | | |
|---|---|---|
| Bit No. | 1 | 2 |
| Size | 12¼ | 8¾ |
| Mfg. | Hughes | Sec. |
| Type | XIG | M44N |
| Nozzle No. | open | 2 1 |
| Nozzle Size | | 15 16 |
| Ser. No. | CH559 | 913140 |
| Depth Out | 172 | |
| Depth In | 50 | 172 |
| Total Ftg. | 122 | 38 |
| Total Hr. Run | 9¼ | 2½ |
| Cond. of Bit | 4-3-1 | IN |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | 5:30 | 4:30 | 8:30 |
| Weight | 8.9 | 8.9 | 9.0 |
| Visc.-Sec. | 40 | 45 | 45 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

1400 #'s. gel
50 #'s caustic

Driller: Lloyd Clutton

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 117 | 210 | 38 | D | | | 70-120 | 5-6 | ~~400~~ | 5½ | | 5½ | 71 | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 141 | ½° | | 172 | ¾° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | ¼ | | | | | | Rig Service |
| 12:15 | 12:45 | ½ | | | | | | Survey at 141' |
| 12:45 | 5:15 | ~~4½~~ | | | | | | Drilling 12¼" hole (very rough drilling) |
| 5:15 | 5:45 | ½ | | | | | | Survey at 172' |
| 5:15 | ~~4:30~~ | ~~5¼~~ | | | | | | Pull bit up into pick up point for stabilizer |
| 4:00 | 5:00 | 1 | | | | | | Pick up stabilizer above 2 collars |
| 5:00 | 5:30 | ½ | | | | | | Run in with 8¾" bit |
| 5:30 | 8:00 | 2½ | | | | | | Drilling 8¾" hole |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| 9 | D.C. I.D. O.D. | 277.40 | Ft. |
| | D.C. I.D. O.D. | | Ft. |
| ½ | Stb. Body O.D. | 3.97 | Ft. |
| ½ | Stb. Body O.D. | 1.16 | Ft. |
| | Rmr. Body O.D. | 5.57 | Ft. |
| | Subs O.D. | 3.90 | Ft. |
| | Bit or C.B. | | Ft. |
| | Kelly Down | 41.80 | Ft. |
| | Total | 333.62 | Ft. |
| Wt. of String | 40,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

**BIT RECORD**

| | |
|---|---|
| Bit No. | 2 |
| Size | 8¾ |
| Mfg. | Sec |
| Type | M44N |
| Nozzle No. | 2 1 |
| Nozzle Size | 15 16 |
| Ser. No. | 913140 |
| Depth Out | 333 |
| Depth In | 172 |
| Total Ftg. | 161 |
| Total Hr. Run | 10 |
| Cond. of Bit | 2-1-1 |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | 9:00 | 1:00 | 3:00 |
| Weight | 8.9 | 8.9 | |
| Visc.-Sec. | 45 | 46 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

Driller: Garry Lovejoy

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 210 | 333 | 161 | D | | | 80 | 5-10 | 400 | 5½ | | 5½ | | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 270 | ½° | | 333 | 1° | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 3:00 | 8:15 | ¼ | | | | | | Rig SERVICE |
| 8:15 | 11:30 | 3¼ | | | | | | DRILLING 8¾ PILOT HOLE (VERY Rough) |
| 11:30 | 11:45 | ¼ | | | | | | SURVEY |
| 11:45 | 4:00 | 4¼ | | | | | | DRILLING 8¾ PILOT HOLE - |
| | | | | | | | | TRIP for REAM (TRIP SURVEY) |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | |
|---|---|---|---|
| | Stands D.P. | | Ft. |
| | Singles D.P. | | Ft. |
| 2 | D.C. 2¼ I.D. 7" O.D. | 61.37 | Ft. |
| 5 | D.C. 2¼ I.D. 6¼ O.D. | 92.65 | Ft. |
| | Stb. Body O.D. | | Ft. |
| | Stb. Body O.D. | | Ft. |
| 1 | ~~Rmr. Body 7 5/8~~ O.D. | 2.65 | Ft. |
| 1 | Subs ~~7 5/8~~ O.D. | 3.97 | Ft. |
| 1 | Bit or ~~Stb~~ C.B. | 2.50 | Ft. |
| | Kelly Down | 11.41 | Ft. |
| | Total | 236.60 | Ft. |
| Wt. of String | 40,000 | | Lbs. |
| Pipe in Hole | | | Jts. |
| Pipe on Racks | | | Jts. |
| Total Pipe on Lease | | | Jts. |

**BIT RECORD**

| | | |
|---|---|---|
| Bit No. | ~~2~~ | 3 |
| Size | ~~12¼~~ | 12¼ |
| Mfg. | ~~Hughes~~ | Hughes |
| Type | ~~XIG~~ | OSC3G |
| Nozzle No. | ~~open~~ | OPEN |
| Nozzle Size | | |
| Ser. No. | | Bucket |
| Depth Out | | |
| Depth In | ~~333~~ | 172 |
| Total Ftg. | ~~64~~ | 64 |
| Total Hr. Run | ~~4¼~~ | 1¼ |
| Cond. of Bit | ~~1-1-1~~ | 1-1 |
| Reamer No. | | |
| Reamer Type | | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

**MUD RECORD**

| | | | |
|---|---|---|---|
| Time | 5:00 | 12:30 | |
| Weight | 8.9 | 9.0 | |
| Visc.-Sec. | 40 | 45 | |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

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

1600 lbs Gel
50 lbs Caustic

Driller

**FOOTAGE**

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 172 | 236 | 64 | R | | | 120 | 3-10 | OPEN | 5½ | | 5½ | 72 | S |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 330 | 1° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| ~~4:00~~ | 4:15 | ¼ | | | | | | Rig SERVICE |
| 4:15 | 4:45 | ½ | | | | | | TRIP 8¾ Bit to PICK UP |
| 4:45 | 5:45 | 1 | | | | | | 12¼ Bit to REAM |
| 5:45 | | | | | | | | Run in with 12¼ Bit |
| | | | | | | | | Tripped ~~off~~ 4½ sub while picking up |
| | | | | | | | | in slips. Had to cut out drill line |
| | 9:00 | 3¼ | | | | | | and wait for caller to come down |
| 9:00 | 9:30 | ½ | | | | | | Finish in with 12¼" bit |
| 9:30 | 11:15 | 1¾ | | | | | | Drilling to 12¼" hole |
| 11:15 | 12:00 | ¾ | | | | | | Pull up to lay down two singles and pick |
| | | | | | | | | up one stand collars and run back in |

No. 7729

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta 503C Gulf Amming Simpson A-12 | Date: MARCH 9 1973

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

Weather Condition: Cool 14 | Road Conditions: Rough | Nearest Town: NORMAN WELLS | Water - Source: Trucked | Miles Hauled: 3 3/4 | Pumped: | Camp Distance from Rig: 100 yds | Reason for Extra L. Plant: STAND by.

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Sweezey

| Rig No. | Drill Pipe String No. | Drill Pipe String Size | Tool Joint | O.D. |
|---|---|---|---|---|
| 2 DWKS | 5 | 4½ | 6" | |

Type Thd.: FH

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | Ideco | MA600 | 16 |
| 2. | Watson | C1503 | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | 6 |
| Reaming | | | |
| Conditioning Mud & Circulating | | | 1/4 |
| Trips | | | |
| Lubricate Rig | | | |
| Deviation Survey | | | 1/4 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | 1/2 |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | | | 8 |

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | |
|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | | Time | |
| | Singles D.P. | Ft. | Size | | Weight | |
| | D.C. | | Mfg. | | Visc.-Sec. | |
| | I.D. O.D. | Ft. | Type | | W.L.-C.C. | |
| | D.C. | | Nozzle No. | | FL TR. CK. | |
| | I.D. O.D. | Ft. | Nozzle Size | | PH | |
| | Stb. Body O.D. | Ft. | Ser. No. | | SD. Cont. % | |
| | Stb. Body O.D. | Ft. | Depth Out | | Pressure Gradient | |
| | Rmr. Body O.D. | Ft. | Depth In | | | |
| | Subs O.D. | Ft. | Total Ftg. | | Mud & Chemicals Added | |
| | Bit or C.B. | Ft. | Total Hr. Run | | Type / Amt. / Type / Amt. | |
| | Kelly Down | Ft. | Cond. of Bit | | | |
| | Total | Ft. | Reamer No. | | | |
| | Wt. of String | Lbs. | Reamer Type | | | |
| | Pipe in Hole | Jts. | Water Charges | Reg. Hrs. O.T. Hrs. | | |
| | Pipe on Racks | Jts. | Trucker | | | |
| | Total Pipe on Lease | Jts. | Trucker | | | |
| | | | Trucker | | Driller: Marvel Slatter | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | |
|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | | Time | |
| | Singles D.P. | Ft. | Size | | Weight | |
| | D.C. | | Mfg. | | Visc.-Sec. | |
| | I.D. O.D. | Ft. | Type | | W.L.-C.C. | |
| | D.C. | | Nozzle No. | | FL TR. CK. | |
| | I.D. O.D. | Ft. | Nozzle Size | | PH | |
| | Stb. Body O.D. | Ft. | Ser. No. | | SD. Cont. % | |
| | Stb. Body O.D. | Ft. | Depth Out | | Pressure Gradient | |
| | Rmr. Body O.D. | Ft. | Depth In | | | |
| | Subs O.D. | Ft. | Total Ftg. | | Mud & Chemicals Added | |
| | Bit or C.B. | Ft. | Total Hr. Run | | Type / Amt. / Type / Amt. | |
| | Kelly Down | Ft. | Cond. of Bit | | | |
| | Total | Ft. | Reamer No. | | | |
| | Wt. of String | Lbs. | Reamer Type | | | |
| | Pipe in Hole | Jts. | Water Charges | Reg. Hrs. O.T. Hrs. | | |
| | Pipe on Racks | Jts. | Trucker | | | |
| | Total Pipe on Lease | Jts. | Trucker | | | |
| | | | Trucker | | Driller | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | | |
|---|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | ~~Hughes~~ 1 | Time | 4:00 | 8:00 |
| | Singles D.P. | Ft. | Size | 12¼ | Weight | 8.5 | 8.5 |
| 2 | D.C. I.D. O.D. | 6137 Ft. | Mfg. | Hughes | Visc.-Sec. | 40 | 45 |
| | D.C. I.D. O.D. | Ft. | Type | | W.L.-C.C. | | |
| | Stb. Body O.D. | 2.50 Ft. | Nozzle No. | OPEN | FL TR. CK. | | |
| | Stb. Body O.D. | 3.97 Ft. | Nozzle Size | | PH | | |
| | Rmr. Body O.D. | 1.16 Ft. | Ser. No. | C.H559 | SD. Cont. % | | |
| | Subs O.D. | Ft. | Depth Out | | Pressure Gradient | | |
| | Bit or C.B. | ~~4.00~~ Ft. | Depth In | 50 | | | |
| | Kelly Down | 1.17 00 Ft. | Total Ftg. | | Mud & Chemicals Added | | |
| | Total | 1.1700 Ft. | Total Hr. Run | | Type / Amt. / Type / Amt. | | |
| | Wt. of String | 30,000 Lbs. | Cond. of Bit | 1/1 | GEL — 37.00-LBS | | |
| | Pipe in Hole | Jts. | Reamer No. | | CAUSTIC — 100 LBS | | |
| | Pipe on Racks | Jts. | Reamer Type | | | | |
| | Total Pipe on Lease | Jts. | Water Charges | Reg. Hrs. O.T. Hrs. | | | |
| | | | Trucker | | | | |
| | | | Trucker | | | | |
| | | | Trucker | | Driller: Gerry Sweezey | | |

## FOOTAGE / FORMATION

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 6:00 | 6 | | | | | | RIG MOUSE HOLE HARD DIGGING ROCKY SHALE |
| 6:00 | 8:00 | 2 | | | | | | RIG TO SPUD. |

## FOOTAGE / FORMATION

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | | | | | | | | THAW OUT PUMP & MUD ROLL. |
| | 1:00 | 6 | | | | | | BURNED SHACK OFF MUD TANK. |
| 2:00 | 3:15 | 1¼ | | | | | | SPUD WITH 12¼ BIT. |
| 3:15 | 4:00 | ¾ | | | | | | MIX GEL. BRING MUD UP TO 45" TO CLEAN SP |

## FOOTAGE / FORMATION

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 1.17 | 67 | D | | | 100 | 5,000 | OPEN | 6" | 70 | 6" | — | 5 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 5:15 | 1¼ | | | | | | MIX GEL BRING MUD UP. TO CLEAN HOLE |
| 5:15 | 9:30 | 3¾ | | | | | | DRILLING 12¼ HOLE. |
| 9:30 | 9:45 | ¼ | | | | | | SERVICE |
| 9:45 | 9:15 | ½ | | | | | | DRILLING |
| 9:15 | 9:45 | ½ | | | | | | WORK ON AIR LINES TO PUMP CLUTCH |
| | | | | | | | | AIR LEAK IN NO 1 PUMP CLUTCH AT STARTING |
| | | | | | | | | OF HOLE |
| 9:45 | 12:00 | 2¼ | | | | | | DRILLING 125' HOLE |

KODAK SAFETY FILM +

No. 7728

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: PECALTA SOBC GOLF COURSE — Date: JOHNSON A-12

Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... — MARCH 8 1973

Weather Condition: MILD — Road Conditions: Rough — Nearest Town: INNISFAIL — Water - Source: LAKE — Miles Hauled: 3½ — Pumped: ... — Camp Distance from Rig: 1 mile — Reason for Extra L. Plant: Standby.

OPERATOR: WESTERN PECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swayzy.

Rig No. 2 — DWKS Soloco G-H

Drill Pipe String: No. 2 — Size 4½ — Type Thd. F.H.

Tool Joint 6" O.D.

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | EDECO | MA360 | 16 |
| 2. | NAT | C-150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines ... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker.....

Trucker.....

Trucker.....

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Donald Stinson

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1100 | 1200 | 1 | | | | | | FINISH DIGGING RAT HOLE. |
| 1200 | 1330 | 1½ | | | | | | INSTALL RAT HOLE. |
| 1330 | 1700 | 3½ | | | | | | HAUL CONDUCTOR PIPE. RIG UP |
| 1700 | 1800 | 1 | | | | | | CEMENT UNIT TO CEMENT. |
| 1800 | 1800 | 4 | | | | | | CUT OFF CASING. WELD ON NIPPLE FOR FLOW LINE. |

USED RIG CEMENTING UNIT.
RAN 2 JOINTS 13⅜ CASING LANDED AT 50.85 KB.
CEMENTED WITH 100 SKS CEMENT & 2% CACL2

## DAY TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker.....

Trucker.....

Trucker.....

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Donald Stinson

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 800 | 400 | 8½ | | | | | | WAIT ON CEMENT & DIG ON MOUSE HOLE WITH TONGS. |

## EVENING TOUR

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

BIT RECORD

| | |
|---|---|
| Bit No. | |
| Size | |
| Mfg. | |
| Type | |
| Nozzle No. | |
| Nozzle Size | |
| Ser. No. | |
| Depth Out | |
| Depth In | |
| Total Ftg. | |
| Total Hr. Run | |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker.....

Trucker.....

Trucker.....

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 400 | 600 | 2 | | | | | | REPAIR AUGER TO DIG MOUSE HOLE |
| 600 | 1200 | 6 | | | | | | DIGGING ON MOUSE HOLE. |

Rocky SHALE very hard Hard Digging

No. 7726

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well No. DECALTA SOBC 6 Gulf Armain Johnson — Date MARCH 7 1923

Location — Lsd. 6 Sec. 5 Twp. 40 Rge. 12 W. 4 M.

Weather Condition MUD — Road Conditions Rough — Nearest Town MACLEAN — Water - Source LAKE — Miles Hauled 3/4 — Pumped — Camp Distance from Rig 100 yds — Reason for Extra L. Plant Standby

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaney

| Rig No. | Drill Pipe String No. | Drill Pipe String Size | Tool Joint | Type Thd. |
|---|---|---|---|---|
| DAWS 2 | 2 | 4½ | 6" O.D. | F.H. |

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | IDECO | MM600 | 16 |
| 2. | NAT | C150B | 12 |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

Reel No.

No. of Lines — Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

## MORNING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Leslie McCutcheon

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 27 | 6 | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | DRILLING CONDUCTOR HOLE WITH AUGER & BUCKETS. |
| | | | | | | | | HOLE BROKEN SHALE VERY HARD DIGGING |

## DAY TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller: David Chatto

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 33 | 6 | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 800 | 900 | 1 | | | | | | D.C. CONDUCTOR HOLE WIT AUGER & BUCKET |
| 900 | 1200 | 3 | | | | | | WELD & REPAIR BUCKET. |
| 1200 | 400 | 4 | | | | | | D.C. CONDUCTOR HOLE. |

## EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | | | | | | | | | | | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 400 | 800 | 4 | | | | | | FINNISH DIGGING CONDUCTOR HOLE. |
| 800 | 1200 | 4 | | | | | | D/C RAT HOLE. |

No. 4450

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA SOBC Gulf JOHNSON A-12
Location — Lsd. ... Sec. ... Twp. 63-40-12W4 Rge. ... W. ... M.
Date: MARCH 6 19 73

Weather Condition: Mild. Road Conditions: Rough. Nearest Town: NORMAN WELLS. Water - Source: LAKE. Miles Hauled: 3½ Pumped ... Camp Distance from Rig: 100 YDS. Reason for Extra L. Plant: STANDBY.

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swerdfeger

Rig No. 2. DWKS. Drill Pipe String: No. 2, Size 4½. Tool Joint: 6" O.D. Type Thd. F.H.

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

LAST CASING TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

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

## MORNING TOUR

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

BIT RECORD: Bit No. ... Size ... Mfg. ... Type ... Nozzle No. ... Size ... Ser. No. ... Depth Out ... Depth In ... Total Ftg. ... Total Hr. Run ... Cond. of Bit ... Reamer No. ... Reamer Type

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ...
Trucker ...
Trucker ...

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

Mud & Chemicals Added

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

Driller: Lt. McCutcheon

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 11 | 6 | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1200 | 800 | | | | | | | Digging Conductor Hole with Bucket. |

NOTE: Very Hard Digging Solid Rocky Shale.

## DAY TOUR

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

BIT RECORD: Bit No. ... Size ... Mfg. ... Type ... Nozzle No. ... Size ... Ser. No. ... Depth Out ... Depth In ... Total Ftg. ... Total Hr. Run ... Cond. of Bit ... Reamer No. ... Reamer Type

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ...
Trucker ...
Trucker ...

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

Mud & Chemicals Added

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

Driller: David Clutton

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 16 | 7 | | | | | | | | | | | |

Deviation Record: Depth ... Dev. ... Direction ... Depth ... Dev. ... Direction ... Depth ... Dev. ... Director

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 800 | 400 | 8 | | | | | | Digging Conductor Hole with pilot Hole Then with Bucket |

USED AUGER TO DRILL CONDUTOR HOLE. THEN REAM OUT WITH BUCKET.

## EVENING TOUR

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

BIT RECORD: Bit No. ... Size ... Mfg. ... Type ... Nozzle No. ... Size ... Ser. No. ... Depth Out ... Depth In ... Total Ftg. ... Total Hr. Run ... Cond. of Bit ... Reamer No. ... Reamer Type

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ...
Trucker ...
Trucker ...

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

Mud & Chemicals Added

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

Driller

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 21 | 5 | | | | | | | | | | | |

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 400 | 1200 | 8 | | | | | | Digging Conductor Hole. |

Solid Rock Shale.

No. 4449

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA - SOLE GULF AMMIN — Date: GLADSON A-12

Location — Lsd ..... Sec. 63 Twp. 10 Rge. 13 W. M. — MARCH 5 19 73

Weather Condition: C & L — Road Conditions: Rough — Nearest Town: NORMAN WELLS — Water - Source: LAKE — Camp Distance from Rig: 100 YDS — Miles Hauled: 32 — Pumped ..... — Reason for Extra L. Plant: SET-NDBY

OPERATOR: WESTERN - DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lumsey

Rig No. 2 — Drill Pipe String: No. 2, Size 4½ — Tool Joint O.D. 6.11 — Type Thd. F H

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

LAST CASING / TUBING OR LINER

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

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

## TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

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

## MORNING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Leslie Lumsey

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|
| | | | | | | |

## DAY TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller: David Chatten

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Assemble derrick & Pin To sub, Raise A-leg |
| | | | | | | | | Start #1 bank of motors and build air and get compound oiling. |
| | | | | | | | | Raise derrick |
| | | | | | | | | Spot Toolhouse, doghouse, pumps, cat-walks and pipe racks |

## EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

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

Driller: Larry Lumsey

FOOTAGE

| From | To | Ftge. | DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 5 | 5 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Deviation Record

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 400 | 1000 | 6 | | | | | | Rig up on new location. |
| 1000 | 1200 | 2 | | | | | | Start Rig ing Conductor Hole with Bucket |
| | | | | | | | | Spud with Bucket in Conductor Hole. March 5-73 at 1pm. |
| | | | | | | | | Note Hole Stake Moved 60 feet west & 100 feet north of well stake |