Drilling Authority No. 296
Date Issued 22 Jan 68

WELL NAME Shell Pan Am Tuk Island 0-28
FIELD
LOCATION: Unit O Area: Section 28 Grid 62-00-118-00
Latitude 60-57-53-N Longitude 118-4-23 W
From Established Reference Marker

UWLR: 60.96472 N Long 118.07306 W
UWI : 300028610011800O

Rig Release Date:
Status
Information Release Date

CHANGE OF NAME:

| DATE RECEIVED | INDEX |
|---|---|
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| | M.P.R. — Oil — Calculations. |
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| | Well Inspection Report. |
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| | Well Card. |
| | New Service Well Report. |
| | Monthly Water Flood Operations Report |
| | Monthly Water Receipts and Disposal of Fluids Report |
| | Logs. Large scale ..... Small scale ..... |

NANR 52-90 (7-65)

Drilling Authority No. 294
Date Issued Jan. 22/68

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

# WELL COMPLETION DATA

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

Well name and number: Shell Pan Am Two Islands O-28

Permit No. 3181 Lease No.

Shell Canada Limited and Pan American Petroleum Corporation
(Permittee, Licensee, Lessee) Exploratory Licence No. 1877 & 1170

Shell Canada Limited Exploratory Licence No. 1877
(Operator)

Location: Unit O Section 28 Grid 61°00', 118°00'
Latitude 60° 57' 53" N Longitude 118° 4' 23" W
From Established Reference Marker Location from National Air Photograph.
Universal Well Location Reference Lat. 60.96472°N, Long. 118.07306°W

| | DATE | DEPTH |
|---|---|---|
| Spudded | Jan.25/68 | |
| Suspended | | |
| Resumed Operations | | |
| Finished Drilling | Feb.16/68 | |
| Deepened | | |
| Complete (gas/oil) | | |
| Abandoned | Feb.17/68 | 2460 |
| Rig released | Feb.17/68 | 2460 |

Pool(s) None
Interval(s) open to production None

Elevation: Gr. 790 K.B. 800
Rig No. 17 later changed to Rig #35
Drilling Contractor Big Indian Drilling Co.Ltd.
Contractor's Business Licence No. 18213

CASING RECORD

| Casing Size (Inches) | Grade | Weight | Amount | Set at — | Sacks of Cement and Additives |
|---|---|---|---|---|---|
| 1. 7" | H-40 | 17# | 203.88 | 214.88 | 90 sacks + 4% $CaCl_2$ |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |

| GEOLOGICAL TOPS | ELEVATION Depths | ELEVATION Sub-Sea |
|---|---|---|
| Slave Point | 2000 | -1200 |
| Presqu'ile | 2140 | -1340 |
| Hume | 2170 | -1370 |
| Bear Rock | 2408 | -1608 |

CORE RECORD

| From | To | Rec. | From | To | Rec. |
|---|---|---|---|---|---|
| None | | | | | |

LOG RECORD

| Run No. | Type of Log | From | To |
|---|---|---|---|
| 1 | IES | 2192 | 210 |
| ✓1 | BHC GR-C | 2191 | 206 |
| 1 | MLC | 2192 | 1900 |
| ✓ 2 | BHC SGR-C | 2454 | 2100 |
| ✓ 2 | IES | 2455 | 2100 |

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

| CEMENTING RECORD (Plug, Squeeze, etc.) | | | |
|---|---|---|---|
| Date | From | To | Remarks |
| Feb. 17/68 | 2460 | 1950 | 135 sacks. Plug down 6:00 AM Feb.17/68 |
| Feb. 17/68 | 264 | 164 | 36 sacks + 2% $CaCl_2$ Plug down 8:00 AM Feb.17/68. Felt plug #2 at 156', 4:45 PM FEB. 17/68. |
| Feb. 17/68 | Surface | | 5 sacks. Cut off casing 3' below surface. Welded on plate, erected sign. |

| PERFORATING RECORD (Bullet, Jet) | | | |
|---|---|---|---|
| Date | From | To | Remarks |
| | | | None |

| SERVICING RECORD (Acidizing, Fracing, etc.) | | | |
|---|---|---|---|
| Date | From | To | Remarks |
| | | | None |

DRILL STEM TESTS

| No. | Date | Formation | From | To | V.O. Mins. | I.S.I. Mins. | F.S.I. Mins. | I.S.I.B.H.P. | F.S.I.B.H.P. | I.F.B.H.P. | F.F.B.H.P. | I.H.P. | F.H.P. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | None |

ANALYSIS

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

PRESENT STATUS OF WELL

| | | |
|---|---|---|
| Oil | | (Interval) |
| Gas | | (Interval) |
| Dry | | |
| Susp. | | |

February 17, 1968

Company: Shell Canada Limited

ORIGINAL SIGNED BY J. M. MacLEOD for A.M.McLachlin

Signed by: Manager

Title: Edmonton Division Production

Date: February 28, 1968

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

File No.
Drilling Authority No. 294

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

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

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

Name and number of well: Shell Pan Am Two Islands O-28
Location: Unit: O Section: 28 Grid 61° 00', 118° 00'
Latitude: 60° 57' 57" N Longitude: 118° 04' 23" W
From Established Reference Marker:
Universal Well Location Reference: Lat 60.96472° N, Long 118°.07306° W
Permit No. 3181 Lease No.

Date of commencement of proposed program: February 17, 1968 (Permit, Licence, Lease) Shell Canada Limited & Pan American Petroleum Corporation

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: -
Gas at: -
Water at: Logs indicate Slave Point Objective to be shaled out.
Total Depth: 2460 Date of last operations: February 17, 1968
Present condition of well: Drilled and Abandoned

CASING RECORD

| Casing Size O.D. Inches | Weight | Amount | Set At— | Sacks of Cement and Additives | Amount Pulled |
|---|---|---|---|---|---|
| 1. 7" | 17# | 203.88 | 214.88 | 90 sacks + 4% $CaCl_2$ | Nil |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |

PROPOSED ABANDONMENT PROGRAM

| Plug No. | Plug Position | Geological Formation | Number of Sacks of Cement | Remarks |
|---|---|---|---|---|
| 1 | 2460-1950 | Devonian | 135 sacks | |
| 2 | 264 - 164 | Devonian & Casing Shoe | 36 sacks | WOC 8 hrs & feel |
| 3 | Surface Csg | | 5 sacks | Cut off casing 3' below ground level; weld on plate, erect sign. |

Intermediate logs run at 2192'. Final logs run at 2460'.
The following logs have been run: IES(2 runs), MLC(1 run), SHC SGR-C(2 runs)
Other operations proposed: None

Operations to be carried out by: Big Indian Contractor: 18213
Address: Calgary, Alberta Contractor's Licence No. Edmonton, Alberta
Responsible Agent: W. R. Albertson Address:
Dated at: 21 this: February 19 68
Signed: M. MacLEOD Company: Shell Canada Limited
Title: Manager, Edmonton Division Operator's Exploratory Licence No. 1877

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

*(For RESOURCE MANAGEMENT DIVISION use only)*

APPROVAL

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

Confirming oral approval given by Mr. B.H.J. Thoms

Dated 26th February, 1968

Oil Conservation Engineer

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

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

Drilling Authority No. 234

Project No.

File No.

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

# Application for a Drilling Authority

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

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

Name and number of well: Shell Pan Am Two Islands O-28

Location: Unit O Section 28 Grid 61°00', 118°00'

Latitude 60° 57' 53" N Longitude 113° 4' 23" W

From Established Reference Marker

Universal Well Location Reference Lat. 60.96472° N., Long. 118.07306° W.

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

Well is expected to produce from Slave Point formation at a depth of about 1750 feet. Expected total final depth 1950

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 3181 Lease No. Acreage 62.26% 31,082

Permittee, licensee, or lessee Shell Canada Limited & Pan American Petroleum Corp.

Exploratory Licence No. 1877 and 1170

Surface owned by Crown or Crown

Petroleum and natural gas rights owned by Shell Canada Limited & Pan American Pet. Corp.

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. 7" | 20# | J-55 | New | 300' | 105 sacks |
| 2. or 7" | 23# | N-80 | New | 300' | 105 sacks |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |

Expected water, gas, and oil horizons and type of control equipment

Slave Point

6" Series 900 Type B Hydraulic Double Shaeffer

6" Series 900 GK Hydril

Well will be drilled with Rotary Rig No. 17 by Big Indian Drilling Co. Ltd.
(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's business Licence No. 13213

At well: G. Kenney At registered office: A. H. McLachlin

Address: Box 186, Edmonton Address: Box 186, Edmonton

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

Dated at Edmonton, this 22 day of November 19 67

Signed by [signature] Company Shell Canada Limited

Title Manager-Edmonton Division Operator's Licence No. 1877

*(For Resource Management Division use only)*

APPROVED

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

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

Dated 22nd January 19 68

[signature]
Oil Conservation Engineer

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

IAND 52-90-1 (3-67)

Unique Well Identifier - 3000286100118000

# SHELL PAN AM TWO ISLANDS 0-28

50°57'53"N 118°04'23"W

## WELL HISTORY REPORT

GEOLOGICAL & EVALUATION
Resource Management Division
MAY 28 1968
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

# WELL HISTORY REPORT

# SHELL PAN AM TWO ISLANDS O-28

SHELL CANADA LIMITED

APRIL 15, 1968

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## SECTION I - SUMMARY OF WELL DATA

(a) Well Name and Number

Shell Pan Am Two Islands O-28

(b) Permittee

Shell Canada Limited and
Pan American Petroleum Corporation

(c) Name of Operator

Shell Canada Limited
P. O. Box 186
EDMONTON, Alberta

(d) Location

Unit O Section 28 Grid 61°00', 118°00'
Latitude: 60° 57' 53" N
Longitude: 118° 4' 23" W

(e) Permit Number

3181

(f) Drilling Contractor

Big Indian Drilling Co. Ltd.
Rig No. 17, later changed to Rig No. 35

(g) Drilling Authority

Drilling Authority No. 294
Issued January 22, 1968.

(h) Classification

Wildcat

(i) Spudded

January 25, 1968

(j) Elevations

| | |
|---|---|
| Ground | 790 |
| K.B. | 800 |

(k) Completed Drilling

February 16, 1968

(l) Total Depth and Plugged Back Total Depth

T.D. 2460 (Driller)
P.B.T.D. - Surface

(m) Well Status

Dry and Abandoned

(n) Rig Released

February 17, 1968

(o) Hole Size

12-1/4" 0'& 41'
9-7/8" to 220' K.B.
6-1/4" to 2460' K.B.

(p) Casing

7", 17#, H-40, landed at 214.88 K.B. and packer & Pulley

(q) Universal Well Location Reference - Lat. 60.96472° N.
Long. 118.07306° W.

(r) Unique Well Identifier - 3000286100118000

## SECTION II - GEOLOGICAL SUMMARY

### (a) Formation Tops

| Formation | Depth |
|---|---|
| Slave Point | 2000 (-1200) |
| Presqu'ile | 2140 (-1340) |
| Hume | 2170 (-1370) |
| Bear Rock | 2408 (-1608) |

### (b) Cored Intervals

No cores cut.

### (c) Sample Description

See attached report.

## SECTION III - ENGINEERING SUMMARY

### (a) Casing Record

| Size | Weight | Grade | Amount | Depth | Cement |
|---|---|---|---|---|---|
| 7" | 17# | H-40 | 5 jts | 214.88 KB | 90 sacks + 4% $CaCl_2$ |

### (b) Drillstem Tests

None

### (c) Bit Record

| No. | Size | Type | Depth Out | Feet Drilled | Hours Run |
|---|---|---|---|---|---|
| 1A | 9-7/8 | YT3 | 50 | 50 | 2-1/2 |
| 2A | 9-7/8 | YT3R | 106 | 56 | 10-1/4 |
| 3A | 9-7/8 | YT3 | 220 | 114 | 6-1/2 |
| 1 | 6-1/4 | DT-J | 1162 | 942 | 19 |
| 2 | 6-1/4 | DT-J | 2077 | 915 | 22-1/2 |
| 3 | 6-1/4 | K2F | 2192 | 115 | 11 |
| 4 | 6-1/4 | K2P | 2265 | 73 | 14 |
| 5 | 6-1/4 | L4H-J | 2363 | 98 | 13-3/4 |
| 6 | 6-1/4 | L4H-J | 2460 | 97 | 14-3/4 |

### (d) Mud Report

| Gel | CMC | Spersene | Caustic | Fibreseal | Sawdust |
|---|---|---|---|---|---|
| 73 sacks | 4 sacks | 9 sacks | 5-1/2 Sacks | 2 sacks | 4 sacks |

### (e) Deviation Record

| Depth | Deviation (Totco°) |
|---|---|
| 130 | 3/4 |
| 810 | 1/2 |
| 1320 | 1 |
| 1825 | 1-1/4 |
| 2172 | 1 |
| 2460 | 1 |

### (f) Abandonment Plugs

| Date | Interval | Cement & Additives | Remarks |
|---|---|---|---|
| 2/17/68 | 2460 - 1950 | 135 sacks | |
| 2/17/68 | 264 - 164 | 36 sacks | Felt plug at 156'. Cut off casing 3' below surface. Welded on plate, erected sign. |

5 sacks in surface casing
5 sacks in rathole

(g) Lost Circulation Zones

Lost circulation at 50'. Used 4 sacks sawdust and 2 sacks Fibrescal.

(h) Blowouts

None

## SECTION IV - LOGS

| Date | Interval | Type |
|---|---|---|
| Feb. 12, 1968 | 2192 - 210 | IES |
| Feb. 12, 1968 | 2191 - 206 | BHC SGR-C |
| Feb. 12, 1968 | 2192 - 1900 | MLC |
| Feb. 16, 1968 | 2454 - 2100 | BHC SGR-C |
| Feb. 16, 1968 | 2455 - 2100 | IES |

**Three copies of each log forwarded March 21, 1968.**

## SECTION V - ANALYSES

(a) Core Analyses

None

(b) Water Analyses

None

(c) Gas Analyses

None

(d) Oil Analyses

None

## SECTION VI - COMPLETION SUMMARY

(a) Tubing Record

None

(b) Perforation Record

None

(c) Cementation Record

| Plug No. | Date | Interval | Formation | Cement | Remarks |
|---|---|---|---|---|---|
| 1 | 2/17/68 | 2460 - 1950 | Slave Point | 135 sacks | |
| 2 | 2/17/68 | 264 - 164 | Sfc. Csg. | 36 sacks | Felt plug at 156' |

(d) Acidization and Fracturing Record

None

(e) Back Pressure and Production Tests

None

for A. M. McLachlin, Manager,
Edmonton Division Production.

SHELL PAN AN TWO ISLANDS 0-28

T.D. 2460'

K.B. 800'

LATITUDE: 60° 57' 53" N.

LONGITUDE: 118° 04' 23" W.

| | | |
|---|---|---|
| 0' -50' | | NO SAMPLES. |
| 50' -60' | Limestone | Limestone, with some chert. |
| 60' -90' | | LOST SAMPLES. |
| 90' -100' | Limestone | Limestone and some chert. |
| 100' -110' | Limestone | Limestone and some chert. |
| 110' -120' | Limestone | Limestone, and some chert. |
| 120' -130' | Limestone | Limestone. |
| 130' -140' | Limestone | Limestone. |
| 140' -150' | Limestone - Shale | Shale, and some limestone. |
| 150' -160' | Shale - Limestone | Shale, and limestone. |
| 160' -170' | Shale - Limestone | Shale, and limestone. |
| 170' -180' | Shale- Limestone | Shale, and limestone. |
| 180' -190' | Shale- Limestone | Shale, and limestone. |
| 190' -200' | Shale - Limestone | Shale, and limestone. |
| 200' -210' | Shale - Limestone | Shale, and limestone. |
| 210' -220' | Shale - Limestone | Shale, and limestone. |

| | | |
|---|---|---|
| 220' -230' | Chert | Chert, with some traces of shale and limestone. |
| 230' -240' | Limestone | Limestone, with traces of shale. |
| 240' -250' | Limestone | Limestone, with traces of shale. |
| 250' -260' | Limestone | Limestone, with traces of shale. |
| 260' -270' | Shale | Shale, with some calcareous material. |
| 270' -280' | Shale | Shale, with some calcareous material. |
| 280' -290' | Shale | Shale, with some calcareous material. |
| 290' -300' | Shale | Shale, with some calcareous material. |
| 300' -310' | Shale | Shale, with some calcareous material. |
| 310' -320' | Shale | Shale, with some calcareous material. |
| 320' -330' | Shale | Shale, with some calcareous material. |
| 330' -340' | Shale | Shale, with some calcareous material. |
| 340' -350' | Shale | Shale, with some calcareous material. |
| 350' -360' | Shale | Shale, with some calcareous material. |
| 360' -370' | Shale | Shale, with some calcareous material. |
| 370' -380' | Shale | Shale, with some calcareous material. |
| 380' -390' | Shale | Shale, with some calcareous material. |
| 390' -400' | Shale | Shale, with some calcareous material. |

| | | |
|---|---|---|
| 400' -410' | Limestone | Limestone, with some shale. |
| 410' -420' | Limestone | Limestone, with some shale. |
| 420' -430' | Limestone | Limestone, with some shale. |
| 430' -440' | Limestone | Limestone, with some shale. |
| 440' -450' | Limestone | Limestone, with some shale. |
| 450' -460' | Limestone | Limestone, with some shale. |
| 460' -470' | Limestone | Limestone, with some shale. |
| 470' -480' | Limestone | Limestone, with some shale. |
| 480' -490' | Limestone | Limestone, with some shale. |
| 490' -500' | Limestone | Limestone, with some shale. |
| 500' -510' | Limestone | Limestone, with some shale. |
| 510' -520' | Limestone | Limestone, with some shale. |
| 520' -530' | Limestone | Limestone, with some shale. |
| 530' -540' | Limestone | Limestone, with some shale. |
| 540' -550' | Limestone | Limestone, with some shale. |
| 550' -560' | Limestone | Limestone, with some shale. |
| 560' -570' | Shale - Limestone | Shale, and limestone with trace of chert. |
| 570' -580' | Shale - Limestone | Shale, and limestone with trace of chert. |
| 580' -590' | Shale - Limestone | Shale, and limestone with trace of chert. |
| 590' -600' | Shale - Limestone | Shale, and limestone with trace of chert. |
| 600' -610' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 610' -620' | Shale - Limestone | Shale and limestone, with traces of chert. |

| | | |
|---|---|---|
| 620' -630' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 630' -640' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 640' -650' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 650' -660' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 660' -670' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 670' -680' | Shale - Limestone | Shale and limestone, with traces of chert. |
| 680' -690' | Limestone | Limestone, with some shale. |
| 690' -700' | Limestone | Limestone, with some shale. |
| 700' -710' | Limestone | Limestone, with some shale. |
| 710' -720' | Limestone | Limestone, with some shale. |
| 720' -730' | Limestone | Limestone, with some shale. |
| 730' -740' | Limestone | Limestone, with some shale. |
| 740' -750' | Limestone | Limestone, with some shale. |
| 750' -760' | Limestone | Limestone, with some shale. |
| 760' -770' | Limestone | Limestone, with some shale. |
| 770' -780' | Limestone | Limestone, with some shale. |
| 780' -790' | Limestone | Limestone, with some shale. |
| 790' -800' | Limestone | Limestone, with some shale. |
| 800' -810' | Limestone | Limestone, with some shale. |
| 810' -820' | Limestone | Limestone, with some shale. |
| 820' -830' | Limestone | Limestone, with some shale. |
| 830' -840' | Limestone | Limestone, with some shale. |

| | | |
|---|---|---|
| 840' -850' | Limestone | Limestone, with some shale. |
| 850' -860' | Limestone | Limestone, with some shale. |
| 860' -870' | Limestone | Limestone, with some shale. |
| 870' -880' | Limestone | Limestone, with some shale. |
| 880' -890' | Limestone | Limestone, with some shale. |
| 890' -900' | Limestone | Limestone, with some shale. |
| 900' -910' | Limestone | Limestone, with some shale. |
| 910' -920' | Limestone | Limestone, with some shale. |
| 920' -930' | Limestone | Limestone, with some shale. |
| 930' -940' | Limestone | Limestone, with some shale. |
| 940' -950' | Limestone | Limestone, with some shale. |
| 950' -960' | Limestone | Limestone, with some shale. |
| 960' -970' | Limestone | Limestone, with some shale. |
| 970' -980' | Limestone | Limestone, with some shale. |
| 980' -990' | Limestone | Limestone, with some shale. |
| 990' -1000' | Limestone | Limestone, with some shale. |
| 1000' -1010' | Limestone | Limestone, with some shale. |
| 1010' -1020' | Limestone | Limestone, with some shale. |
| 1020' -1030' | Limestone | Limestone, with some shale. |
| 1030' -1040' | Limestone | Limestone, with some shale. |
| 1040' -1050' | Limestone | Limestone, with some shale. |
| 1050' -1060' | Limestone | Limestone, with some shale. |
| 1060' -1070' | Shale | Shale, with some limestone. |
| 1070' -1080' | Shale | Shale, with some limestone. |
| 1080' -1090' | Shale | Shale, with some limestone. |

| | | |
|---|---|---|
| 1090' -1100' | Shale | Shale, with some limestone. |
| 1100' -1110' | Shale | Shale, with some limestone. |
| 1110' -1120' | Shale | Shale, with some limestone. |
| 1120' -1130' | Shale | Shale, with some limestone. |
| 1130' -1140' | Shale | Shale, with some limestone. |
| 1140' -1150' | Shale | Shale, with some limestone. |
| 1150' -1160' | Shale | Shale, with some limestone. |
| 1160' -1170' | Shale | Shale, with some limestone. |
| 1170' -1180' | Shale | Shale, with some limestone. |
| 1180' -1190' | Shale | Shale, with some limestone. |
| 1190' -1200' | Shale | Shale, with some limestone. |
| 1200' -1210' | Shale | Shale, with traces of limestone. |
| 1210' -1220' | Shale | Shale, with traces of limestone. |
| 1220' -1230' | Shale | Shale, with traces of limestone. |
| 1230' -1240' | Shale | Shale, with traces of limestone. |
| 1240' -1250' | Shale | Shale, with traces of limestone. |
| 1250' -1260' | Shale | Shale, with traces of limestone. |
| 1260' -1270' | Shale | Shale, with traces of limestone. |
| 1270' -1280' | Shale | Shale, with traces of limestone. |
| 1280' -1290' | Shale | Shale. |
| 1290' -1300' | Shale | Shale. |
| 1300' -1310' | Shale | Shale. |

| | | |
|---|---|---|
| 1310' -1320' | Shale | Shale. |
| 1320' -1330' | Shale | Shale. |
| 1330' -1340' | Shale | Shale. |
| 1340' -1350' | Shale | Shale. |
| 1350' -1360' | Shale | Shale. |
| 1360' -1370' | Shale | Shale. |
| 1370' -1380' | Shale | Shale. |
| 1380' -1390' | Shale | Shale. |
| 1390' -1400' | Shale | Shale. |
| 1400' -1410' | Shale | Shale. |
| 1410' -1420' | Shale | Shale. |
| 1420' -1430' | Shale | Shale. |
| 1430' -1440' | Shale | Shale. |
| 1440' -1450' | Shale | Shale. |
| 1450' -1460' | Shale | Shale. |
| 1460' -1470' | Shale | Shale. |
| 1470' -1480' | Shale | Shale. |
| 1480' -1490' | Shale | Shale. |
| 1490' -1500' | Shale | Shale. |
| 1500' -1510' | Shale | Shale. |
| 1510' -1520' | Shale | Shale. |
| 1520' -1530' | Shale | Shale. |
| 1530' -1540' | Shale | Shale. |
| 1540' -1550' | Shale | Shale. |
| 1550' -1560' | Shale | Shale. |

| | | |
|---|---|---|
| 1560' -1570' | Shale | Shale. |
| 1570' -1580' | Shale | Shale. |
| 1580' -1590' | Shale | Shale. |
| 1590' -1600' | Shale | Shale. |
| 1600' -1610' | Shale | Shale. |
| 1610' -1620' | Shale | Shale. |
| 1620' -1630' | Shale | Shale. |
| 1630' -1640' | Shale | Shale. |
| 1640' -1650' | Shale | Shale. |
| 1650' -1660' | Shale | Shale. |
| 1660' -1670' | Shale | Shale. |
| 1670' -1680' | Shale | Shale. |
| 1680' -1690' | Shale | Shale. |
| 1690' -1700' | Shale | Shale. |
| 1700' -1710' | Shale | Shale. |
| 1710' -1720' | Shale | Shale. |
| 1720' -1730' | Shale | Shale. |
| 1730' -1740' | Shale | Shale. |
| 1740' -1750' | Shale | Shale. |
| 1750' -1760' | Shale | Shale. |
| 1760' -1770' | Shale | Shale. |
| 1770' -1780' | Shale | Shale. |
| 1780' -1790' | Shale | Shale. |
| 1790' -1800' | Shale | Shale. |
| 1800' -1810' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |

| | | |
|---|---|---|
| 1810' -1820' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |
| 1820' -1830' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |
| 1830' -1840' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |
| 1840' -1850' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |
| 1850' -1860' | Shale | Shale, medium dark green grey, medium soft, fair fissility. |
| 1860' -1870' | Shale | Shale, medium dark brown, trace of calcite. |
| 1870' -1880' | Shale | Shale, medium dark brown, trace of calcite. |
| 1880' -1890' | Shale | Shale, medium dark green grey. |
| 1890' -1900' | Shale | Shale, medium dark green grey. |
| 1900' -1910' | Shale | Shale, medium dark green grey. |
| 1910' -1920' | Shale | Shale, medium dark green grey. |
| 1920' -1930' | Shale | Shale, medium dark green grey. |
| 1930' -1940' | Shale | Shale, medium dark green grey. |
| 1940' -1950' | Shale | Shale, medium dark green grey. |
| 1950' -1960' | Limestone | Limestone, medium grey, fragmental, traces of shale and dolomite, fossiliferous. |
| 1960' -1970' | Limestone | Limestone, medium grey, fragmental, traces of shale and dolomite, fossiliferous. |
| 1970' -1980' | Limestone | Limestone, medium grey, fragmental, traces of shale, and dolomite, fossiliferous. |
| 1980' -1990' | Limestone | Limestone, medium grey, fragmental, traces of shale, and dolomite, fossiliferous. |

| | | |
|---|---|---|
| 1990' -2000' | Limestone | Limestone, medium grey, fragmental, traces of shale and dolomite, fossilerous. |
| 2000' -2010' | Limestone | Limestone, medium grey, fragmental, traces of shale and dolomite, fossiliferous. |
| 2010' -2020' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2020' -2030' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2030' -2040' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2040' -2045' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2045' -2050' | Shale | Shale, medium to light brown, with traces of limestone. |
| 2050' -2060' | Shale | Shale, medium to light brown, with traces of limestone. |
| 2060' -2080' | | SAMPLES MISSING. |
| 2080' -2090' | Limestone | Limestone, medium to dark brown, with traces of shale, fragmental. |
| 2090' -2100' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |
| 2100' -2110' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |
| 2110' -2120' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |
| 2120' -2130' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |
| 2130' -2140' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |
| 2140' -2150' | Limestone | Limestone, medium to dark brown, fragmental, traces of shale. |

| | | |
|---|---|---|
| 2150' -2160' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2160' -2170' | Limestone | Limestone, medium brown, fragmental, traces of shale. |
| 2170' -2195' | | SAMPLES MISSING. |
| 2195' -2200' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2200' -2210' | Limestone | Limestone, medium dark brown, grey, fragmental, trace of shale, fossiliferous. |
| 2210' -2220' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2220' -2230' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2230' -2240' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2240' -2250' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2250' -2260' | Limestone | Limestone, medium dark brown grey, fragmental, trace of shale, fossiliferous. |
| 2260' -2270' | Limestone | Limestone, medium dark brown grey, fragmental, some shale, fossiliferous. |
| 2270' -2280' | Limestone | Limestone, medium dark brown grey, fragmental, some shale, fossiliferous. |
| 2280' -2290' | Limestone | Limestone, medium dark brown grey, fragmental, some shale, fossiliferous. |
| 2290' -2300' | Limestone | Limestone, medium dark brown, grey, fragmental, some shale, fossiliferous. |

| | | |
|---|---|---|
| 2300' -2310' | Limestone | Limestone, medium dark brown grey, fragmental, some shale, fossiliferous. |
| 2310' -2320' | | SAMPLES MISSING. |
| 2320' -2330' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2330' -2340' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2340' -2350' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2350' -2360' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2360' -2370' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2370' -2380' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2380' -2390' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2390' -2400' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2400' -2410' | Limestone | Limestone, medium brown, fragmental, fossiliferous, traces of shale. |
| 2410' -2420' | Dolomite | Dolomite, light buff. |
| 2420' -2430' | Dolomite | Dolomite, light buff, trace of dolomite spar, corals, churned and burrowed. |
| 2430' -2440' | Dolomite | Dolomite, light buff, fossiliferous, traces of anhydrite. |

| | | |
|---|---|---|
| 2440' -2450' | Dolomite | Dolomite, light buff, fossiliferous, with traces of anhydrite. |
| 2450' -2455' | Dolomite | Dolomite, light buff, fossiliferous, with traces of anhydrite. |
| 2455' -2460' | Anhydrite | Anhydrite, light buff. |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. DATE FEB 17/68

| OPERATOR | LOCATION LSD. | SEC. | TWP. | RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|---|---|---|
| SHELL CANADA LIMITED | 60° 57' | 53° | L 118. | 41' 23" | SHELL Two Islands | 028 | NWT |

| CONTRACTOR | RIG No. | DRILL STRING NO. | SIZE | TOOL JOINT | OD | TYPE THD. |
|---|---|---|---|---|---|---|
| Big INDIAN | 35 | 3½ | | 4 3/4 | | AI |

OPERATOR'S REPRESENTATIVE: W. R. A Hutton

CONTRACTOR'S TOOL PUSHER: Dennis Cormier

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | G-D | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | |
|---|---|---|---|---|---|
| 63 | STANDS DP | 2439 | FT. | RUN NO. | |
| | SNGLS. DP | | FT. | SIZE | |
| | D.C. ID | | | MFG. | |
| | D.C. OD | | FT. | TYPE | |
| | RMR BODY OD | | FT. | NOZ. NO. | |
| | STB BODY OD | | FT. | NOZ. SIZE | |
| | SUBS OD | | FT. | SER. NO | |
| | BIT OR C.B. | | FT. | DEPTH OUT | |
| | | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | 2460 | FT. | COND. OF BIT | |
| | TOTAL | 2460 | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | | LBS. | TYPE | |

DRILLER: L Bonnar

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

| | | | |
|---|---|---|---|
| 12 33 | W/O orders | 3 33 | 3½ |
| 3 33 | Rig to CEMENT | 5 30 | 2 |
| | 1st Plug Down At 6 AM | 135 SKS | 2½ |
| | 2460 to 1950 | | 8 |
| | #2 plug Down 8 AM | 36 SKS | |
| | 250 to 150 | | W.R.A. |

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | |
|---|---|---|---|---|---|
| | STANDS DP | | FT. | RUN NO. | |
| | SNGLS. DP | | FT. | SIZE | |
| | D.C. ID | | | MFG. | |
| | D.C. OD | | FT. | TYPE | |
| | RMR BODY OD | | FT. | NOZ. NO | |
| | STB BODY OD | | FT. | NOZ. SIZE | |
| | SUBS OD | | FT. | SER. NO. | |
| | BIT OR C.B. | | FT. | DEPTH OUT | |
| | | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | | FT. | COND. OF BIT | |
| | TOTAL | | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

FELT PLUG AT
4.45 P.M WITH 10M.
HIT PLUG AT 156'.
W.R.A

Rig released at 5.00 P.M
W.R.A.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | |
|---|---|---|---|---|---|
| | STANDS DP | | FT. | RUN NO | |
| | SNGLS. DP | | FT. | SIZE | |
| | D.C. ID | | | MFG. | |
| | D.C. OD | | FT. | TYPE | |
| | RMR BODY OD | | FT. | NOZ. NO. | |
| | STB BODY OD | | FT. | NOZ. SIZE | |
| | SUBS OD | | FT. | SER NO | |
| | BIT OR C.B. | | FT | DEPTH OUT | |
| | | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | | FT. | COND. OF BIT | |
| | TOTAL | | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VIS | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 23 DATE FEB 16/67

| OPERATOR | LOCATION LSD / SEC. / TWP. / RGE. / W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | 60 57 53 / L 118 / 46 / 23 | SHELL TWO ISLANDS | 028 | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT | TYPE THD. |
|---|---|---|---|---|
| BIG INDIAN | 35 | 3½ | 4¾ OD | AI |

OPERATOR'S REPRESENTATIVE: W. R. Alderman

CONTRACTOR'S TOOL PUSHER: Dennis Connor

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | G-D | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 7½ | 5½ | |
| REAMING | | | |
| CIRCULATING | | ½ | |
| TRIPS | | 24 | 7¾ |
| DEVIATION SURVEY | | ¼ | |
| TEST B.O.P | ¼ | | |
| CUT OFF DRILL LINE | ¼ | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | ¾ | |
| OTHER | ¼ | ¾ | ¼ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | 8 | 8 | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 33 | STANDS DP | 2120.87 FT. | RUN NO. | 6 |
| | SNGLS. DP | FT. | SIZE | 6¼ |
| | D.C. 2" ID 4¾ OD | 335.88 FT. | MFG. | SMITH |
| 12 | | | TYPE | L4HJ |
| | RMR BODY OD | FT. | NOZ. NO. | 3 |
| | STB BODY OD | FT. | NOZ. SIZE | 16 |
| | SUBS OD | FT. | SER. NO | 44037 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 13¾ |
| | KELLY DOWN | 2456.20 FT. | COND. OF BIT | |
| | TOTAL | 2452 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | 24000 LBS. | TYPE | |

DRILLER: L. Bonnar

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13¼ | | 2392 | 2452 | | 100 | 16 | 900 | 6" | 52 | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| 12½ | Rig Ser & B.O.P.S |
| 12½ | work on mud pump |
| 12¾ | Drill 6¼ hole |

12½ 4
12½ ¼
8½ 7½
6

**MUD RECORD**

| | | |
|---|---|---|
| TIME | 12 | 4 |
| WEIGHT | 10 | 10 |
| VISC | 48 | 45 |
| W.L.-C.C. | | |
| FLTR. CK. | 3/32 | |
| PH | 8.5 | 8.5 |
| SD. CONT. | | |

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

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 33 | STANDS DP | 2132.54 FT. | RUN NO. | 6 |
| | SNGLS. DP | FT. | SIZE | 6¼ |
| | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH |
| 12 | | | TYPE | L4H-J |
| | RMR BODY OD | FT. | NOZ. NO | 3 |
| | STB BODY OD | FT. | NOZ. SIZE | 18 |
| | SUBS OD | FT. | SER. NO. | 44037 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 4¾ |
| | KELLY DOWN | 2487 FT. | COND. OF BIT | |
| | TOTAL | 2460 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | 25000 LBS. | TYPE | |

DRILLER: L. Noonan.

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1½ | | 2457 | 2460 | | 100 | 16 | 800 | 6" | 52 | | | |

DEVIATION RECORD: DEPTH 2460 / DEV. 1° / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| 1½ | DRLG. 6¼ HOLE. |
| ½ | CIRC SAMPLE. |
| ¼ | survey @ 2460 |
| 2¼ | HOIST Pipe To LOG |
| 2¼ | LOGGING |
| ¾ | W/O orders. |

RAN IES TD TO 2400
RAN BHC-SGR-C TD TO 2100
W.R.A.
SCHLUMBER T.D 2456
DRILLERS T.D 2460
2488.21 Tape Tally 2487.87 tally Sheet • 34 difference

**MUD RECORD**

| | | |
|---|---|---|
| TIME | 8 AM | 10 AM |
| WEIGHT | 10 | 10.1 |
| VISC | 75 | 84 |
| W.L.-C.C. | 5.2 | 5.2 |
| FLTR. CK. | 3/32 | 3/32 |
| PH | 8.0 | |
| SD. CONT. | | |

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

N.L

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 43 | STANDS DP | 2449.56 FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID OD | 91.1 FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV / DIRECTION / DEPTH / DEV / DIRECTION

REMARKS

W/O/ Orders.

**MUD RECORD**

| | | |
|---|---|---|
| TIME | | 8 |
| WEIGHT | | 10.1 |
| VISC | | 85 |
| W.L.-C.C. | | 5.4 |
| FLTR CK. | | 3/32 |
| PH | | 8.0 |
| SD. CONT | | |

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

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 22 DATE FEB. 15/68

| OPERATOR | LOCATION LSD. | SEC. | TWP. | RGE. | W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|---|---|---|---|
| SHELL CANADA LIMITED | 60 | 37 | 53 | 118° | 64° 23 | SHELL TWO ISLANDS | 028 | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD | TYPE THD. |
|---|---|---|---|---|
| BIG INDIAN | 35 | 3½ | 4¾ | AI |

OPERATOR'S REPRESENTATIVE: W.R. Nelson

CONTRACTOR'S TOOL PUSHER: Dennis Cowan

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | GXQ | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 7½ | 4 | 5¾ |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | 3 | 1½ |
| DEVIATION SURVEY | | | |
| TEST B.O.P | ¼ | ¼ | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | ¼ | ¾ | ¾ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 38 | STANDS DP | 1994.02 FT. | RUN NO. | 3 |
| 1 | SNGLS. DP | 31.40 FT. | SIZE | 6¼ |
| 12 | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH |
| | RMR BODY OD | FT. | TYPE | L44HJ |
| | STB BODY OD | FT. | NOZ. NO. | 3 |
| | SUBS OD | FT. | NOZ. SIZE | 16 |
| | BIT OR C.B. | 60 FT. | SER. NO. | |
| | | FT. | DEPTH OUT | |
| | KELLY DOWN | 2360.73 FT. | CUMULATIVE HOURS RUN | 10¾ |
| | TOTAL | 2333 FT. | COND. OF BIT | |
| | | | REAMER CUTTER NO. | |
| WT. OF STRING | 24000 LBS. | | TYPE | |

DRILLER: L Borman

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | PUMP PRES. | PUMP NO. 1 LINER SIZE | PUMP NO. 1 S.P.M. | PUMP NO. 2 LINER SIZE | PUMP NO. 2 S.P.M. | METHOD PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8¾ | | 2285 | 2333 | | 100 | 16 | 700 | 6" | 52 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

12⁰⁰ Rig Service ✓ 130 PS — 12¹⁵ ¼
12¹⁵ Drill 6¼ hole — 8⁰⁰ 7¾

| MUD RECORD | | |
|---|---|---|
| TIME | 12⁰⁰ | 4⁰⁰ |
| WEIGHT | 10 | 10 |
| VISC | 54 | 55 |
| W.L.-C.C. | 4.6 | 5.4 |
| FLTR. CK. | 2/32 | = |
| PH | 8.5 | = |
| SD. CONT. | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| GEL | 300 | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| 39 | STANDS DP | 2057.60 FT. | RUN NO. | 5 | 6 |
| | SNGLS. DP | FT. | SIZE | 6¼ | 6¼ |
| 12 | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH | SMITH |
| | | | TYPE | L44J | L44J |
| | RMR BODY OD | FT. | NOZ. NO. | 3 | 3 |
| | STB BODY OD | FT. | NOZ. SIZE | 18 | 18 |
| | SUBS OD | FT. | SER. NO. | 44991 | 44037 |
| | BIT OR C.B. | FT. | DEPTH OUT | 2363.00 | |
| | | FT. | CUMULATIVE HOURS RUN | 15¾ | |
| | KELLY DOWN | 2392.93 FT. | COND. OF BIT | 44-1 | |
| | TOTAL | 2363.00 FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | 24000 LBS. | | TYPE | | |

DRILLER: L Moonan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | | 2333 | 2363 | | 140 | 16⁰⁰ | 700 | 6" | 52 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

4 DRLG 6¼ HOLE.
½ Rig SERVICE
½ CIRC KELLY HOSE IN TANK & HOOK UP HOLE FILL LINE.
¾ TRIPPING FOR BIT No 5

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 8⁰⁰ | 10⁰⁰ | 12⁰⁰ |
| WEIGHT | 10 | 10.1 | 10 |
| VISC | 50 | 50 | 51 |
| W.L.-C.C. | 5.4 | ✓ | 5.6 |
| FLTR. CK. | 2/32 | ✓ | 2/32 |
| PH | 8.5 | ✓ | 8.5 |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| N.L. | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 39 | STANDS DP | 2057.60 FT. | RUN NO | 6 |
| 1 | SNGLS. DP | 31.55 FT. | SIZE | 6¼ |
| 12 | D.C 2" ID 4¾ OD | 335.33 FT. | MFG. | Smith |
| | | | TYPE | L44J |
| | RMR BODY OD | FT. | NOZ. NO. | 3 |
| | STB BODY OD | FT. | NOZ. SIZE | 16 |
| | SUBS OD | FT. | SER NO | 44037 |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 5¾ |
| | KELLY DOWN | 39.51 FT. | COND. OF BIT | |
| | TOTAL | 2424.98 | REAMER CUTTER NO. | |
| WT OF STRING | 24000 LBS. | | TYPE | |

DRILLER: Ed. Brennan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5¾ | | 2363 | 2392 | | 140 | 16000 | 700 | 6 | 52 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

4/5.30 Runin w Bit #6 — 1½
5.30-6 Hook up Kelly Hose + tighten ½ union on Swivel — ½
6-6.15 Rig Serv — ¼
Drill 6¼ hole
6.15-12 — 5¾

| MUD RECORD | | |
|---|---|---|
| TIME | 8 | 10 |
| WEIGHT | 10.1 | 10 |
| VISC | 50 | 48 |
| W.L.-C.C. | 5.6 | 5.4 |
| FLTR. CK. | 2/32 | |
| PH | 8.5 | 8.5 |
| SD. CONT | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| 2 in. | Steam water | | |
| 25 lbs | CMC. | | |

C.P.-38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 21 DATE FEB 14/66

| | |
|---|---|
| OPERATOR | SHELL CANADA LIMITED |
| LOCATION | LSD 60° SEC 27° 53 TWP 118° RGE 64° W. 23° |
| WELL NAME | SHELL PAN AM |
| No. | 028 |
| PROVINCE | N.W.T. |
| CONTRACTOR | BIG INDIAN |
| RIG No. | 35 |
| DRILL PIPE STRING NO. SIZE | |
| TOOL JOINT | 4 3/4 OD |
| TYPE THD. | AI |
| OPERATOR'S REPRESENTATIVE | W. R. Alberta |
| CONTRACTOR'S TOOL PUSHER | Dennis Cannon |

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | G-Q | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 6 1/2 | 6 3/4 | 2 1/4 |
| REAMING | | | 1 |
| CIRCULATING | | | |
| TRIPS | | 3/4 | 4 1/4 |
| DEVIATION SURVEY | | | |
| TEST B.O.P | 1/4 | 1/4 | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 1/4 | 1/4 | 1/4 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 9 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 37 | STANDS DP | 192034 FT. | RUN NO. | 4 |
| | SNGLS. DP | FT. | SIZE | 6 1/4 |
| 12 | D.C. 3" ID 4 3/4 OD | 335.33 FT. | MFG. | SMITH |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | OPEN |
| | SUBS OD | FT. | SER. NO | 41065 |
| | BIT OR C.B. | FT. | DEPTH OUT. | |
| | | FT. | CUMULATIVE HOURS RUN | 7 |
| | KELLY DOWN | 22567 FT. | COND. OF BIT | |
| | TOTAL | 2232 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | 23000 LBS. | TYPE | |

DRILLER L. Bonner

| NRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 3/4 | | 2200 | 2232 | | 150 | 14 | 500 | 6" | 52 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

| | | | |
|---|---|---|---|
| 12 00 | Rig set ✓ B.O.P. | 12 15 | 3/4 |
| 12 15 | Rerun 6 1/4 hole | 4 45 | 4 1/2 |
| 4 45 | Clean shaker tank | 6 00 | 1 1/4 |
| 6 00 | Drill 6 1/4 hole, cond mud | 8 00 | 2 |
| | | | 8 |

**MUD RECORD**

| TIME | 12 00 | 4 00 | 6 00 |
|---|---|---|---|
| WEIGHT | 10 | 10 | 9.6 |
| VISC | 60 | 62 | 70 |
| W.L.-C.C. | 5. | 5. | 7.2 |
| FLTR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 9. | 9. | 9. |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| Gel | 400 | | |
| Specrem | 25# | | |
| Water | 40 Bbls | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 37 | STANDS DP | 192034 FT. | RUN NO. | 4 |
| 1 | SNGLS. DP | 32.12 FT. | SIZE | 6 1/4 |
| 12 | D.C. 2" ID 4 3/4 OD | 335.33 FT. | MFG. | SMITH |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | OPEN |
| | STB BODY OD | FT. | NOZ. SIZE | CIRC |
| | SUBS OD | FT. | SER. NO. | 41065 |
| | BIT OR C.B. | FT. | DEPTH OUT | 2265 |
| | | FT. | CUMULATIVE HOURS RUN | 14 |
| | KELLY DOWN | 2287 FT. | COND. OF BIT | |
| | TOTAL | 2265 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | 23000 LBS. | TYPE | |

DRILLER L. Noonan.

| NRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 3/4 | | 2232 | 2265 | | 150 | 16000 | 550 | 6" | 52 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

| | |
|---|---|
| 1/4 | Rig service. |
| 6 3/4 | Drlg 6 3/4 hole. |
| 1/4 | Hook up pilup line thaw out same. |
| 3/4 | Hoisting pipe (strap same). |

**MUD RECORD**

| TIME | 8 00 | 10 00 | 3 00 |
|---|---|---|---|
| WEIGHT | 9.6 | 9.6 | 9.6 |
| VISC | 50 | 55 | 5.5 |
| W.L.-C.C. | 5.5 | 5.6 | 5.0 |
| FLTR. CK. | 2/32 | 2/32 | — |
| PH | 8.0 | 9.0 | — |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| Caustic | 10# | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 37 | STANDS DP | 192034 FT. | RUN NO | 5 |
| 1 | SNGLS. DP | 32 12 FT. | SIZE | 6 1/4 |
| | D.C. 2 ID 4 3/4 OD | 335.33 FT. | MFG. | Reed |
| | | | TYPE | 2 4UT |
| | RMR BODY OD | FT. | NOZ. NO. | 3 |
| | STB BODY OD | FT. | NOZ. SIZE | 16 |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 2 3/4 |
| | KELLY DOWN | 2247 FT. | COND. OF BIT | in |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | 2300 LBS. | TYPE | |

DRILLER

| NRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 3/4 | | 2265 | 2285 | | 150 | 16000 | 700 | 6 | 45 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

| | |
|---|---|
| 4-6 | Hoist for bit no 4 Catcap out |
| 6.65 | rig serv. |
| 6.15-8.45 | Run in w bit |
| 8.45, 9.45 | pick up 3 singles & ream 50 ft of fill and under gauge hole |
| 9.45 | drill 6 1/4 hole |

**MUD RECORD**

| TIME | 10 |
|---|---|
| WEIGHT | 10 |
| VISC | 58 |
| W.L.-C.C. | 4.6 |
| FLTR. CK. | 2/32 |
| PH | 8 |
| SD. CONT | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

Not 1/2 ind [illegible]

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 2P DATE Feb 13/68

| OPERATOR | LOCATION | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LSD. 60 5 SEC. 53 L 78 TWP. 64 RGE. 23 W. | SHELL PAN HM | 028 | N.W.T. |

CONTRACTOR: Big Indian Drilling RIG No. 35 — DRILL PIPE STRING NO. SIZE — TOOL JOINT 4 1/2 OD — TYPE THD. AI

OPERATOR'S REPRESENTATIVE: W. R. Alderson — CONTRACTOR'S TOOL PUSHER: Dennis Cosman

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | G-D | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | 7½ | 7½ | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | ¼ | ¼ | |
| CUT OFF DRILL-LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | ¼ | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | |

**TIME SUMMARY (OFFICE USE ONLY)**

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS-STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

**MORNING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 30 | STANDS DP | 1839.13 FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| 12 | D.C. 2" ID 4 3/4" OD | 335.33 FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | 22.03 FT. | COND. OF BIT | |
| | TOTAL | 2172 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | 23000 LBS. | | TYPE | |

DRILLER: L. Bonnar

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 300 | | | 6" | 50 | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

12⁰⁰ Rig Ser ✓ B.O.P.s 12³⁰ ½

12³⁰ W/O orders 8⁰⁰ 7½

**MUD RECORD**

| | | |
|---|---|---|
| TIME | 12⁰⁰ | |
| WEIGHT | 10 | |
| VISC | 52 | |
| W.L.-C.C. | | |
| FLTR. CK. | | |
| PH | | |
| SD. CONT. | | |

**MUD & CHEMICALS ADDED**

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**DAY TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID OD | FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER: Grant Noonan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

8⁰⁰ Rig Service & ✓ BOPs 8¹⁵ ¼

8¹⁵ W/O orders & Circ Hole. 4⁰⁰

**MUD RECORD**

| | | |
|---|---|---|
| TIME | 8⁰⁰ | 12⁰⁰ |
| WEIGHT | 9.8 | 10 |
| VISC | 50 | 52 |
| W.L.-C.C. | 6.4 | 6.0 |
| FLTR. CK. | 2/32 | — |
| PH | 8. | — |
| SD. CONT. | | |

**MUD & CHEMICALS ADDED**

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**EVENING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 30 | STANDS DP | 1839.13 FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | 6 1/4 |
| 12 | D.C. 2" ID 4 3/4" OD | 335.33 FT. | MFG. | Smith |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | Open |
| | STB BODY OD | FT. | SIZE | Circ |
| | SUBS OD | FT. | SER NO | 41065 |
| | BIT OR C.B. | FT | DEPTH OUT | [illegible] |
| | | FT. | CUMULATIVE HOURS RUN | nil |
| | KELLY DOWN | 39.51 FT. | COND. OF BIT | |
| | TOTAL | 2195 FT. | REAMER CUTTER NO. | |
| WT OF STRING | 23.00 LBS. | | TYPE | |

DRILLER: Ed. Brennan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8¼ | | 2195 | 2200 | | 150 | 16000 | 9.00 | | 55 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

(23 foot correction) from (2172 - to 2195)

~~Rig service pit 4.30 8.00~~

Run in w/Bit to 1668, H.T. Key seat 6.00 7.30

Lay down 1 single & pick up Kelly work Key Seat 7.30 - 8.00

Break off Kelly + ~~start pump pressure~~ 8.00 8.30

~~Fill hole, ran in & clean 11.15 ft fill to bottom~~ 8.30 9.30

~~Drill 6¼ hole 9.30 11.15~~ 12

**MUD RECORD**

| | | |
|---|---|---|
| TIME | 9.30 | 11 |
| WEIGHT | 10 | 10 |
| VISC | 38 | 68 |
| W.L.-C.C. | | |
| FLTR CK. | | |
| PH | | |
| SD. CONT | | |

**MUD & CHEMICALS ADDED**

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| Bell | 8.00 | | |
| Caustic | 50.00 | | |
| CMC | 25.00 | | |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 19 DATE FEB. 12/68

| OPERATOR | LOCATION (LSD. SEC. TWP. RGE. W) | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | 60 27 23 L 118 64 23 | SHELL PAN AM | 028 | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT | TYPE THD. |
|---|---|---|---|---|
| Big Indian | 35 | 3½ | 4¾ OD | H.J. |

| OPERATOR'S REPRESENTATIVE | CONTRACTOR'S TOOL PUSHER |
|---|---|
| W. R. Allsopp | Dennis Connor |

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | G D | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION — HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 1 | | |
| REAMING | | | |
| CIRCULATING | | 3/4 | 5 |
| TRIPS | | 2 1/4 | 1 1/2 |
| DEVIATION SURVEY | 1/4 | | |
| TEST B.O.P | 1/4 | 1/4 | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | 1/2 | |
| CORING | | | |
| WIRE LINE LOGGING | | 3 3/4 | 1 1/2 |
| OTHER | | 1 1/2 | 1/2 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | 9 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P.:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON-MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

**MORNING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 30 | STANDS DP | 183913 FT. | RUN NO. | 3 |
| | SNGLS. DP | FT. | SIZE | 6¼ |
| 12 | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | OPEN |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | 42455 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 11 |
| | KELLY DOWN | 220397 FT. | COND. OF BIT | |
| | TOTAL | 2172 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | 23000 LBS. | | TYPE | |

DRILLER L Bonner

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9½ | | 2165 | 2172 | | 150 | 14 | 500 | 6" | 52 | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | 2172 | 1° | | | | | | | |

REMARKS

| | |
|---|---|
| 12½ | Rig Ser ✓ B.O.P.S 12 35 ½ |
| 12 35 | Drill 6¼ hole 1 |
| 1 30 | Circ 2 ½ |
| 2 00 | Dummy Trip 2 ½ |
| 2 05 | Circ w/o Loggers cond mud |
| | 220397 |

MUD RECORD

| | | |
|---|---|---|
| TIME | 12 00 | 6 00 |
| WEIGHT | 10 | 9.8 |
| VISC | 47 | 90 |
| W.L.-C.C. | 7 | 5.5 |
| FLTR. CK. | 7/32 | 1/32 |
| PH | 9. | 9 |
| SD. CONT. | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| Gel | 10 sks | | |
| Spercene | 25 lbs | | |
| Water | 10 BBLS | | |

**DAY TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 30 | STANDS DP | 183913 FT. | RUN NO. | 3 |
| | SNGLS. DP | FT. | SIZE | 6¼ |
| 12 | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | OPEN |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | 42455 |
| | BIT OR C.B. | FT. | DEPTH OUT | 2172 |
| | | FT. | CUMULATIVE HOURS RUN | 11 |
| | KELLY DOWN | 220397 FT. | COND. OF BIT | 331 |
| | TOTAL | 2172 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | 23000 LBS. | | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 900 | 6 | 51 | | 39 | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

| | |
|---|---|
| 1/4 | Rig SERVICE. STRAP PIPE 2195.87 |
| 3/4 | W/O LOGGERS. BOARD TALLY 2172.31 |
| 2 1/4 | HOISTING TO LOG. 23.57 ERROR. |
| 1/2 | W/O PILUP LINE (THAW OUT). |
| 1/2 | Rig UP LOGGER. |
| 3 1/4 | Logging |

MUD RECORD

| | | |
|---|---|---|
| TIME | 8 00 | |
| WEIGHT | 9.8 | |
| VISC | 90 | |
| W.L.-C.C. | 5.5 | |
| FLTR. CK. | 1/32 | |
| PH | 9.0 | |
| SD. CONT. | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | Nil | | |

**EVENING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 30 | STANDS DP | 183913 FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| 12 | D.C. 2 ID 4¾ OD | 335.33 FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | 220397 FT. | COND. OF BIT | |
| | TOTAL | 2172 FT. | REAMER CUTTER NO. | |
| WT OF STRING | 23000 LBS. | | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

| | |
|---|---|
| 4-5 | Logging 1 |
| 5-5 | Tech Int Loggers ¼ RAN SCHUMBERGER LOGS |
| 5 15/530 | Rig Serv. IES 2193 TO SURFACE CASING |
| 530/7 | Blow in Circ 1 1/2 BHC SGR-C 2195 TO SURFACE CASING |
| 7-12 | Circ W/O ordrs 5 ML 2193 TO 1900' |
| | SCHLUMBERGER T.D. 2193. |
| | W.R.A. |

MUD RECORD

| | | |
|---|---|---|
| TIME | | |
| WEIGHT | | |
| VISC | | |
| W.L.-C.C. | | |
| FLTR CK. | | |
| PH | | |
| SD. CONT | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 18 DATE Feb 11/68

| OPERATOR | LOCATION | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LSD 60 5733 SEC LA TWP. Long RGE 118 W. 64 23. | SHELL Pam AM | 028 | N.W.T. |

CONTRACTOR: Big INDIAN RIG No. 35

DRILL PIPE STRING NO. SIZE 3½ TOOL JOINT 4 3/4 OD TYPE THD. AI

OPERATOR'S REPRESENTATIVE: W. R. Albertus

CONTRACTOR'S TOOL PUSHER: Dennis Connor

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G-D | ~~G-80~~ | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 3¾ | 1 | 7½ |
| REAMING | | ¾ | |
| CIRCULATING | | | |
| TRIPS | 1¼ | 3¾ | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | 2¼ | 1¼ | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG SERVICE | ½ | ¼ | ¼ |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 1¾ | 2¾ | ¾ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 28 | STANDS DP | 1702.44 FT. | RUN NO. | 2 |
| | SNGLS. DP 2" ID | FT. | SIZE | 6¼ |
| 12 | D.C. 4¾ OD | 335.33 FT. | MFG. | SMITH |
| | RMR BODY OD | FT. | TYPE | DTJ |
| | STB BODY OD | FT. | NOZ. NO. | 3 |
| | SUBS OD | FT. | NOZ. SIZE | 16 |
| | BIT OR C.B. | FT. | SER. NO | 44519 |
| | | FT. | DEPTH OUT | |
| | KELLY DOWN | 2077.24 FT. | CUMULATIVE HOURS RUN | 22½ |
| | TOTAL | 2077.24 FT. | COND. OF BIT | |
| | WT. OF STRING | 22000 LBS. | REAMER CUTTER NO. | |
| | | | TYPE | |

DRILLER: L Bonnard

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16¾ | | 1918 | 2077 | | 150 | 14 | 500 | 6" | 52 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

| | |
|---|---|
| 12¾ | Rig Set ✓ B.O.P.S |
| 12¾ | COND Mud |
| 1¾ | Drill 6¼ hole |
| 6¾ | Trip For Bit |

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 12¾ | 4⁰⁰ | 6⁰⁰ |
| WEIGHT | 9.2 | 9.7 | 9.8 |
| VISC | 40 | 56 | 62 |
| W.L.-C.C. | 7.⁰⁰ | 8.⁰⁰ | |
| FLTR. CK. | 2/32 | = | = |
| PH | 9. | 9. | 9. |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| GEL | 700 | | |
| ~~Spectrune~~ | 20# | | |
| CMC | 25lb | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 28 | STANDS DP | 1702.44 FT. | RUN NO. | 3 |
| 1 | SNGLS. DP | 32.00 FT. | SIZE | 6¼ |
| 12 | D.C. 2" ID 4¾ OD | 335.33 FT. | MFG. | SMITH |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | OPEN |
| | STB BODY OD | FT. | NOZ. SIZE | CIRC |
| | SUBS OD | FT. | SER. NO. | 42455 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 1¼ |
| | KELLY DOWN | 2109 FT. | COND. OF BIT | |
| | TOTAL | 2095 FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | 22000 LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2077 | 2095 | | 140 | 16⁰⁰ | 900 | 6" | 50 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

| | |
|---|---|
| 3½ | TRIPPING FOR BIT |
| ¼ | RIG SERVICE. |
| ¼ | CLOSE BLIND RAMS. |
| ¾ | BREAK CIRC & CLEAN TO BOTTOM - 60' |
| 1¾ | TEAR OUT OLD & SPOT NEW BOILER |
| 1¼ | MAKE UP BIT & BREAK OFF JUKE SUB. |
| 1 | DRLG 6¼ HOLE. |
| ¼ | WORK ON TONGS. |

| MUD RECORD | | | |
|---|---|---|---|
| TIME | TRIP | | 300 |
| WEIGHT | FOR | | 9.8 |
| VISC | | | 65 |
| W.L.-C.C. | BIT. | | ✓ |
| FLTR. CK. | | | |
| PH | No 3 | | 9. |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| NIL | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 29 | STANDS DP | 1869.18 FT. | RUN NO | 3 |
| | SNGLS. DP | FT. | SIZE | 6¼ |
| | D.C 2 ID 4¾ OD | 335.33 FT. | MFG. | Smith |
| | | | TYPE | K2P |
| | RMR BODY OD | FT. | NOZ. NO. | Open |
| | STB BODY OD | FT. | NOZ. SIZE | Nozzle |
| | SUBS OD | FT. | SER NO | 42455 |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 8¾ |
| | KELLY DOWN | 3951 FT. | COND. OF BIT | |
| | TOTAL | 2165 FT. | REAMER CUTTER NO. | |
| | WT OF STRING | 22,000 LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8¾ | | 2095 | 2165 | | 150 | 16⁰⁰ | 900 | 6 | 5 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

| | |
|---|---|
| ¼ | Rig serv |
| ¼ | Work on tongs |
| 7½ | Drill 6¼ hole |

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 4 | 6 | 10 |
| WEIGHT | 10.1 | 10.1 | 9.8 |
| VISC | 62 | 78 | 58 |
| W.L.-C.C. | 6.8 | 6.1 | 6.4 |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| small stream water | | | |
| 25 lbs CMC. | | | |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 17 DATE Feb. 10/67

| OPERATOR | LOCATION LSD. | SEC. | TWP. | RGE. | W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|---|---|---|---|
| SHELL CANADA LIMITED | Lat 60° 57.53 | | Long 118° 64 | | 23. | Shell Pan Am Imo Islands 024 | | N.W.T |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| Big Indian | 35 | 3½ | |

OPERATOR'S REPRESENTATIVE: W. R. Allister

CONTRACTOR'S TOOL PUSHER: Dennis Connor

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | G D. | AXQ | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 4 | 7 | 4½ |
| REAMING | | | |
| CIRCULATING | | 1 | ¼ |
| TRIPS | 3 | ¼ | |
| DEVIATION SURVEY | | | ¼ |
| TEST B.O.P | | ¼ | ¼ |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | ¾ | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | ¼ | ½ | ¾ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 9 | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1 | 2 |
| 21 | SNGLS. DP | 685.99 FT. | SIZE | 6¼ | 6¼ |
| | D.C. 2 ID 4½ OD | 305.51 FT. | MFG. | smith | smith |
| 11 | | | TYPE | DTJ | DTJ |
| | RMR BODY OD | FT. | NOZ. NO. | | |
| | STB BODY OD | FT. | NOZ. SIZE | 3/16 | 3/16 |
| | SUBS OD | FT. | SER. NO | 38671 | 44519 |
| | BIT OR C.B. | FT. | DEPTH OUT | 1162 | in |
| | | FT. | CUMULATIVE HOURS RUN | 19 | nil |
| | KELLY DOWN | 1162 FT. | COND. OF BIT | T5 | |
| | TOTAL | 1162 FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | 20,000 | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH 1 DEV. ½ DIRECTION 16 | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

Rig serv. 12.12.15 ¼
Rebuild shaker motor 12.15 1.00 ¾
Drill 6¼ hole 1.00 5 4
Trip for bit no 1 + pick up 2nd DC. 5 1.8 3
8

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 1. | 2.30 | 4. |
| WEIGHT | 9.0 | 9.0 | 8.8 |
| VISC | 30 | 30 | 30 |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| 2 loads water | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 2 | |
| 42 | SNGLS. DP | 1261.96 FT. | SIZE | 6¼ | |
| | D.C. 2 ID 4½ OD | 335.33 FT. | MFG. | Smith | |
| 12 | | | TYPE | DTJ | |
| | RMR BODY OD | FT. | NOZ. NO. | 3 | |
| | STB BODY OD | FT. | NOZ. SIZE | 16 | |
| | SUBS OD | FT. | SER. NO. | 44519 | |
| | BIT OR C.B. | FT. | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | 8 | |
| | KELLY DOWN | 1630.80 FT. | COND. OF BIT | | |
| | TOTAL | 1630 FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | 22,000 | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | | 1162 | 1630 | | 150 | 12 | 500 | 6 | 52 | | | |

DEVIATION RECORD: DEPTH 1320 DEV. 1 DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

8⁰⁰ Run in to hole 8¹⁵ ¼
8¹⁵ String Geolograph line 8³⁰ ¼
8³⁰ Drill 6¼ hole 9⁴⁵ 1¼
9⁴⁵ Survey 10⁰⁰ ¼
10⁰⁰ Drill 6¼ hole 3⁴⁵ 5¾
3⁴⁵ Conn water lines 4⁰⁰ ¼

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | 12⁰⁰ | 2⁰⁰ |
| WEIGHT | | 9. | 9.5 |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | 2 | |
| 51 | SNGLS. DP | 1583.32 FT. | SIZE | 6¼ | |
| | D.C. 2 ID 4¾ OD | 335.33 FT. | MFG. | SMITH | |
| 12 | | | TYPE | DTJ | |
| | RMR BODY OD | FT. | NOZ. NO. | 3 | |
| | STB BODY OD | FT. | NOZ. SIZE | 16 | |
| | SUBS OD | FT. | SER. NO | 44519 | |
| | BIT OR C.B. | FT | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | 16 | |
| | KELLY DOWN | 1918 FT. | COND. OF BIT | IN | |
| | TOTAL | 1918.65 FT. | REAMER CUTTER NO. | | |
| WT OF STRING | 24000 | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11½ | | 1630 | 1918 | | 150 | 12 | 700 | 6 | 52 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

¼ 1825 ¼
Rig service.
Dump shaker tank
Drlg 6¼ hole.
Survey @ 1825.
Condition mud.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 6⁰⁰ | 8⁰⁰ | 10⁰⁰ |
| WEIGHT | 8.8 | 8.8 | 9.5 |
| VISC | 30. | 37 | 43. |
| W.L.-C.C. | | | 7.0 |
| FLTR CK. | | | 1/16 |
| PH | | | 9.5 |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| GEL | 25⁰⁰ | | |
| CAUSTIC | 10# | | |
| SPERSENE | 15# | | |
| CMC | 100# | | |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 16 DATE Feb. 9/67

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 35 | 3½ | |

OPERATOR'S REPRESENTATIVE: W. R. Allwestin

CONTRACTOR'S TOOL PUSHER: Dennis Connor

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | B.D. | 5X8 | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 7 | 1 | 5¾ |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | ½ |
| TEST B.O.P | | ¼ | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | ¾ | [illegible] | 1¼ |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | ¼ | [illegible] | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE-LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| 4 | STANDS DP | 3335 FT. | RUN NO. | 1 |
| 1 | SNGLS. DP | 32.02 FT. | SIZE | 6¼ |
| 11 | D.C. 2" ID 4¾" OD | 306.51 FT. | MFG. | Smith |
| | | | TYPE | DT |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | 38671 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 8¼ |
| | KELLY DOWN | 395 FT. | COND. OF BIT | in |
| | TOTAL | 584 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER: Ed Brennan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | | 250 | 584 | | 150 | all. | 300 | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

| | | |
|---|---|---|
| 12.00 | Rig serv | ¼ |
| 12.15 | Drill 6¼ hole pick up 3 collars | 2¼ |
| 2.30 | Rep spinning chain | ¼ |
| 2.45 | Drill 6¼ hole | 3 |
| 3.30 | rep chains | ¼ |
| 6.30 | Drill 6¼ hole | 3 |
| | ~~replace pump supply~~ | ¼ |
| | ~~Drill~~ | 1 |

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | Water | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1 |
| 11 | SNGLS. DP | 307.14 FT. | SIZE | 6¼ |
| 11 | D.C. 2" ID 4¾" OD | 305.51 FT. | MFG. | Smith |
| | | | TYPE | DT |
| | RMR BODY OD | FT. | NOZ. NO. | REG |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | 38671 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 16¼ |
| | KELLY DOWN | 652.14 FT. | COND. OF BIT | |
| | TOTAL | 644 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | 16000 LBS. | TYPE | |

DRILLER: L Bonnar

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | | 584 | 644 | | 150 | All | 300 | 6" | 48 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

| | | |
|---|---|---|
| 8.00 | Rig Ser / B.O.P.S | ¾ |
| 9.00 | Work on pumps | ¾ |
| 9.30 | Clean Mud Tanks | 3½ |
| 12.30 | Drill 6¼ hole | 1 |
| 1.00 | Change head Rubbers | 3 |

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | Water | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | 1 |
| 22 | SNGLS. DP | 696.33 FT. | SIZE | 6¼ |
| 11 | D.C. 2" ID 4¾" OD | 305.51 FT. | MFG. | SMITH |
| | | | TYPE | DT. |
| | RMR BODY OD | FT. | NOZ. NO. | REG. |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | 38671 |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 15 |
| | KELLY DOWN | 100.84 FT. | COND. OF BIT | IN |
| | TOTAL | 97.84 FT. | REAMER CUTTER NO. | |
| WT OF STRING | | 20000 LBS. | TYPE | |

DRILLER: L Bonnar

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5¾ | | 644 | 978 | | 150 | ALL | 700 | 6 | 55 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| 810 | ½ | | | | | | | |

REMARKS

| | |
|---|---|
| ¼ | Rig Service. |
| 1½ | Work on pump. |
| ½ | Survey @ 810. |
| 5¾ | Drlg 6¼ hole. |

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | 8.00 | 10.00 | 12.00 |
| WEIGHT | 8.6 | 8.7 | 8.8 |
| VISC | 30 | 30 | 30 |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | 7.4 | 7.4 | 7.4 |
| SD CONT | nil. | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P. 38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 15 DATE FEB 8/68

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS 025 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 35 | | |

OPERATOR'S REPRESENTATIVE: W. R. Albertson

CONTRACTOR'S TOOL PUSHER: Dennis Connor

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

**CASING & LINER RECORD**

| SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | 1/4 | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | 1/2 | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | 6 3/4 | |
| FISHING | 8 | 1/2 | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | Magnet |
| | D.C. ID / OD | FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

Fishing 12 - 8

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | Water | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

1/2 FISHING.
1/2 RIG SERVICE
6 STEAM OFF LINES, GO UP TO PRESSURE TEST, REPAIR LEAKS.
1/4 PRESSURE UP BLIND RAMS TO 1100 PSI.
3/4 FLOOD MANIFOLD WITH DIESEL AND PICK UP COLLAR

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | 1 |
| | SNGLS. DP | FT. | SIZE | 6 1/4 |
| | D.C. 2" ID / 4 1/2" OD | 7 FT. | MFG. | SMITH |
| | | | TYPE | DT. |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | 38671 |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 1 1/4 |
| | KELLY DOWN | 3951 FT. | COND. OF BIT | IN. |
| | TOTAL | 257.72 FT. | REAMER CUTTER NO. | |
| | WT OF STRING | 12 mm LBS. | TYPE | |
| | DRILLER | G Moonan. | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 1/4 | | 220 | 257 | | 160 | | 2506 | 6" | 55 | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

1/2 Rig SERVICE. PRESSURE TESTED HYDRIL, PIPE RAMS AND KELLY COCK
3 1/4 PRESSURE TESTING. FOR 15 MIN. 1200#.
1 1/4 DRLG OUT SHOE & CEMENT W.R.A.
2 WATER LINES HOOKED TO CIRCULATE.
1 1/4 DRLG 6 1/4 HOLE.

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 14 DATE FEB. 7/68

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PANAM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 35 | | |

OPERATOR'S REPRESENTATIVE: W. R. Anderson

CONTRACTOR'S TOOL PUSHER: Francis Cameron

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | 1/4 |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 8 | 8 | 1 1/2 |
| FISHING | | | 6 1/4 |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES 6 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 | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIGGING UP.

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

DIGGING RATHOLE

RIGGING UP

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | 5A |
| | SNGLS. DP | FT. | SIZE | 6 1/4 |
| | D.C. 2" ID / 4 3/4 OD | 151.20 FT. | MFG. / TYPE | REED / V11A |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | 1.85 FT. | SER NO | RR |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS-RUN | |
| | KELLY DOWN | UP FT. | COND. OF BIT | |
| | TOTAL | 152.05 FT. | REAMER CUTTER NO. | |
| WT OF STRING | | 10m LBS. | TYPE | |

DRILLER

G. Noonan.

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

1/4 Rig SERVICE & ✓ BOPs.

1 1/2 Pick up COLLARS.

6 1/4 FISHING.

MUD RECORD

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 13 DATE FEB. 6/68

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60°57'53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 35 | | |

OPERATOR'S REPRESENTATIVE: W. R. A[illegible]

CONTRACTOR'S TOOL PUSHER: Dennis Comm[illegible]

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

**CASING & LINER RECORD**

| SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIGGING UP

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIGGING UP

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIGGING UP

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 12 DATE FEB. 5/68

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-38 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | | |

OPERATOR'S REPRESENTATIVE: W. R. Allington

CONTRACTOR'S TOOL PUSHER: Dennis Conner

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

**CASING & LINER RECORD**

| SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P. | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIG SHUT DOWN.

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

TEMP SHUT RIG #17 AND RIG UP #35.

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT OF STRING | LBS. | TYPE | |
| | DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD:

| DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REMARKS

RIG UP RIG #35 K.B. TO GROUND 10'

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 11 DATE FEB. 4/68

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60°57'53" LONG. 118°04'23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | | |

| OPERATOR'S REPRESENTATIVE | CONTRACTOR'S TOOL PUSHER |
|---|---|
| W. R. Allister | Dennis Corman |

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 10 DATE FEB. 3/68

| OPERATOR | LOCATION LSD. | SEC. | TWP. | RGE. | W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60°37'53" | LONG. 118° 04' 23" | | | | SHELL PAN AM TWO BLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | | |

OPERATOR'S REPRESENTATIVE: W.P. Allotson

CONTRACTOR'S TOOL PUSHER: Dennis Cowan

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

RIG SHUT DOWN.

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 9 DATE FEB. 2, 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. | SIZE | TOOL JOINT | OD |
|---|---|---|---|---|---|
| BIG INDIAN | 17 | 3 | 3½ | TYPE THD. | |

OPERATOR'S REPRESENTATIVE: W. R. Atherton

CONTRACTOR'S TOOL PUSHER: Dennis Connor

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | GXO | 16" | |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | TO | PERFORATIONS FROM | TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| TIME DISTRIBUTION—HOURS | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | | | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS. STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |

DRILLER: Lloyd A Noonan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

8 Hooking up acculator and Bop Controls
Check same.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED | TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|---|
| | | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |

DRILLER: Ed. Brennan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

Finish ~~[illegible]~~ rigging up
Fix leaks in hydrill line
Check Hydrill & Rams

RIG SHUT DOWN
BECAUSE OF
TEMPERENTURE (-60)
@ 3.00 P.M.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED | TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|---|
| | | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT OF STRING | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

Rig shut down.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

| MUD & CHEMICALS ADDED | TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|---|
| | | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 8 DATE Feb. 1, 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | 3½" | |

| OPERATOR'S REPRESENTATIVE | CONTRACTOR'S TOOL PUSHER |
|---|---|
| W. R. A. Hutton | Edmund |

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | GXQ | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 8 | 8 | 8 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER Grant Moorman

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

8 Back off 7½ CSG + heading up.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | WATER | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

HEADING UP.

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C ID / OD | FT. | MFG. / TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |

DRILLER M. Gill

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

HEADING UP 400 - 12:00

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 7 DATE JAN. 31 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS 0-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | 3½ | |

OPERATOR'S REPRESENTATIVE: W. R. Ailinton

CONTRACTOR'S TOOL PUSHER: D. Brown

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | GXO | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | WORK | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 1 | | |
| REAMING | | | |
| CIRCULATING | ¾ | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P. | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | 2½ | | 3½ |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 4 | 8 | 4½ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | | 8 |

**MORNING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 4A |
| | SNGLS. DP | FT. | SIZE | 9⅞ |
| | D.C. ID / 4½ OD | 177.53 FT. | MFG. | REED |
| | RMR BODY OD | FT. | TYPE | 413 |
| | STB BODY OD | FT. | NOZ. NO. / SIZE | |
| | SUBS OD | FT. | SER. NO | 459094 |
| | BIT OR C.B. | FT. | DEPTH OUT | 220 |
| | | FT. | CUMULATIVE HOURS RUN | 6½ |
| | KELLY DOWN | 18.55 FT. | COND. OF BIT | |
| | TOTAL | 220 FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |

DRILLER: Fred A. Noonan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 201 | 220 | | 88 | 5M | 150 | 6" | 55 | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS (Weather Very Cold)

¼ Rig Service.
1 Drlg 9⅞ Hole.
2 Repair work.
2¾ Work w/ Pipe.
1½ Prepare to Run & Drive CSG.
3/4 Circ Hole Clean.
¼ Drain Kelly

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 12 | 2 | 7 |
| WEIGHT | | | |
| VISC | 42 | 60 | 80 |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.
Cement 87½ LBS.

**DAY TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. | |
| | RMR BODY OD | FT. | TYPE | |
| | STB BODY OD | FT. | NOZ. NO / SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT. OF STRING | LBS. | TYPE | |

DRILLER: Ed. Brennan

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

Run C.S.G. & Anchor same
RAN 203.88' 7"
17#, J55 CASING.
LANDED SHOE AT
214.88' K.B.
USED 90 SACKS CEMENT
+ 4% $CaCl_2$. PLUG DOWN AT 11.00 A.M. D.P.A.
W/O cement

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

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

**EVENING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. | |
| | RMR BODY OD | FT. | TYPE | |
| | STB BODY OD | FT. | NOZ. NO. / SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| | WT OF STRING | LBS. | TYPE | |

DRILLER: Mike Gill

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 220 | 220 | | | | | | | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV / DIRECTION / DEPTH / DEV / DIRECTION

REMARKS

SERVICE Rig 4:00 — 4:15 — ¼
W/O/C 4:15 — 07:00 — 2¾
open CSG valve & getting returns 7:00 — 7:15 — ¼
start rig 7:15 — 10:45 — 3¼
open valve on CSG stack 10:45 —
off & cut conductor pipe — 12:00 — 1¼

| MUD RECORD | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

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

**TIME SUMMARY (OFFICE USE ONLY)**

CONTRACTOR'S TIME HRS:
OPERATOR'S TIME:
HRS. W/D.P:
HRS WO/D.P:
HRS STANDBY

**WIRE LINE RECORD**

REEL NO
NO OF LINES SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. or TRIPS SINCE LAST CUT:
CUMULATIVE TON MI. or TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

CP-38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 6 DATE JAN. 30 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS 0-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. | SIZE | TOOL JOINT | OD |
|---|---|---|---|---|---|
| BIG INDIAN | 17 | | 3½ | TYPE THD. | |

OPERATOR'S REPRESENTATIVE: W. R. Allister

CONTRACTOR'S TOOL PUSHER: [illegible]

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | 6X9 | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 4¾ | 2¼ | 5½ |
| REAMING | | | |
| CIRCULATING | 2¼ | 3¾ | |
| TRIPS | | ¾ | |
| DEVIATION SURVEY | | | ½ |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | ¼ |
| REPAIR RIG STEAM | | 1¼ | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER W/O WATER | 1 | | ¼ |
| FISHING | | | ¼ |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS W/O D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | | |
|---|---|---|---|---|---|---|
| | STANDS DP | | FT. | RUN NO. | 2A | |
| | SNGLS. DP | | FT. | SIZE | 9⅞ | |
| | D.C. ID | | | MFG. | | |
| | D.C. OD | | FT. | TYPE | YT3R | |
| | RMR BODY OD | | FT. | NOZ. NO. | | |
| | STB BODY OD | | FT. | NOZ. SIZE | | |
| | SUBS OD | | FT. | SER. NO | 525832 | |
| | BIT OR C.B. | | FT. | DEPTH OUT | | |
| | | | FT. | CUMULATIVE HOURS RUN | 8 | |
| | KELLY DOWN | | FT. | COND. OF BIT | | |
| | TOTAL | 106 | FT. | REAMER CUTTER NO. | | |
| | WT. OF STRING | | LBS. | TYPE | | |
| | DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4¾ | | 70 | 100 | | 80 | 5 | 50 | 6" | 55 | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

1 DRILL OUT CEMENT

4¾ DRILL 9⅞ HOLE LOST CIRC 90'-100'

2¼ MIX LOST CIRC. MATERIAL. 50% RETURNS.

| MUD RECORD | | | | |
|---|---|---|---|---|
| TIME | | | | |
| WEIGHT | | | | |
| VISC | | | | |
| W.L.C.C. | | | | |
| FLTR. CK. | | | | |
| PH | | | | |
| SD. CONT. | | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | | |
|---|---|---|---|---|---|---|
| | STANDS DP | | FT. | RUN NO. | 2A | 4A |
| | SNGLS. DP | | FT. | SIZE | 9⅞ | 9⅞ |
| | D.C. ID | | | MFG. | | |
| | D.C. OD | | FT. | TYPE | YT3R | YT3 |
| | RMR BODY OD | | FT. | NOZ. NO | | |
| | STB BODY OD | | FT. | NOZ. SIZE | | |
| | SUBS OD | | FT. | SER. NO. | 525832 | 459094 |
| | BIT OR C.B. | | FT. | DEPTH OUT | 106 | |
| | | | FT. | CUMULATIVE HOURS RUN | 10¼ | |
| | KELLY DOWN | | FT. | COND. OF BIT | | |
| | TOTAL | 106 | FT. | REAMER CUTTER NO. | | |
| | WT. OF STRING | | LBS. | TYPE | | |
| | DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 | 106 | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

¼ RIG SERVICE.

2¼ MIX MUD AND LOST CIRCULATION MATERIAL

¾ WORK ON BOILER

1½ DRILL 9⅞

¼ WORK ON PUMP

¾ DRILL

1½ MIX MUD

¾ TRIP

| MUD RECORD | | | | |
|---|---|---|---|---|
| TIME | 2:30 | | | |
| WEIGHT | | | | |
| VISC | 65 | | | |
| W.L.C.C. | | | | |
| FLTR. CK. | | | | |
| PH | | | | |
| SD. CONT. | | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| CAUSTIC | 25 LBS | | |
| GEL | 1600 LBS | | |
| FIBRESEAL | 2 SACKS | | |
| SAWDUST | 4 SACKS. | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | | BIT RECORD | | |
|---|---|---|---|---|---|---|
| | STANDS DP | | FT. | RUN NO | 4A | |
| | SNGLS. DP | X | FT. | SIZE | 9⅞ | |
| | D.C. ID | | | MFG. | Reed. | |
| | D.C. OD 4½ | 177.53 | FT. | TYPE | YT3 | |
| | RMR BODY OD | | FT. | NOZ. NO. | | |
| | STB BODY OD | | FT. | NOZ. SIZE | | |
| | SUBS OD | 4.40 | FT. | SER NO | 459094 | |
| | BIT OR C.B. | 1 | FT | DEPTH OUT | | |
| | | | FT. | CUMULATIVE HOURS RUN | 5½ | |
| | KELLY DOWN | 18 | FT. | COND. OF BIT | | |
| | TOTAL | 201 | FT. | REAMER CUTTER NO. | | |
| | WT OF STRING | | LBS. | TYPE | | |
| | DRILLER | M Gill | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5½ | | 106 | 201 | | | | | | | | | |

DEVIATION RECORD: DEPTH 130 | DEV. ¾ | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

| | | |
|---|---|---|
| RIG SERVICE | 4:00 4:15 | ¼ |
| DRLG 9⅞ HOLE | 4:15 5:45 | 1½ |
| WORK ON PUMP | 5:45 6:45 | 1 |
| DRLG 9⅞ HOLE | 6:45 7:15 | ½ |
| FIX SURVEY LINE & TAKE SURVEY & WORK ON BOILER | 7:15 8:15 | 1 |
| DRLG 9⅞ HOLE | [illegible] | ½ |
| W/O WATER | 8:15 9:00 | ¾ |
| DRLG 9⅞ HOLE | 9:00 9:15 | ¼ 15 |

| MUD RECORD | | | |
|---|---|---|---|
| TIME | 6 | 8 | 10 |
| WEIGHT | | | |
| VISC | 65 | 34 | 46 |
| W.L.C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| GEL | 6 | | |

CP-38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 5 DATE JAN 29 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT- 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N. W. T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. | SIZE | TOOL JOINT OD | TYPE THD. |
|---|---|---|---|---|---|
| BIG INDIAN | 17 | 3 | 3½ | | |

OPERATOR'S REPRESENTATIVE: W.R. Ashton

CONTRACTOR'S TOOL PUSHER: Dennis Connor

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | CXO | 16" |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | 1¼ | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 8 | 6¾ | 8 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P.:

HRS WO/D.P.:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 3A | 2A |
| | SNGLS. DP | FT. | SIZE | 12¼ | 9⅞ |
| | D.C. ID | | MFG. | | |
| | D.C. OD | FT. | TYPE | YT8 | YT3R |
| | RMR BODY OD | FT. | NOZ. NO. | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER. NO | | 595832 |
| | BIT OR C.B. | FT. | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | 5 | |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL | FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

W.O.C.

1 RUN IN. BREAK CIRC. RETURNS AROUND CONDUCTOR PIPE.

| MUD RECORD | | | | |
|---|---|---|---|---|
| TIME | | | | |
| WEIGHT | | | | |
| VISC | | | | |
| W.L.-C.C. | | | | |
| FLTR. CK. | | | | |
| PH | | | | |
| SD. CONT. | | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 2A | |
| | SNGLS. DP | FT. | SIZE | 9⅞ | |
| | D.C. ID | | MFG. | | |
| | D.C. OD | FT. | TYPE | YT3R | |
| | RMR BODY OD | FT. | NOZ. NO | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER. NO. | 595832 | |
| | BIT OR C.B. | FT. | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | 3¼ | |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL 70 | FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1¼ | | 60 | 70 | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

½ DRILL OUT CEMENT.

1¼ DRILL 9⅞ HOLE.

2½ TEAR OUT FLOW NIPPLE AND RIG UP TO CEMENT.

½ CEMENTING CONDUCTOR PIPE.

3¼ W.O.C.

| MUD RECORD | | | | |
|---|---|---|---|---|
| TIME | | | | |
| WEIGHT | | | | |
| VISC | | | | |
| W.L.-C.C. | | | | |
| FLTR. CK. | | | | |
| PH | | | | |
| SD. CONT. | | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | 2A | |
| | SNGLS. DP | FT. | SIZE | 9⅞ | |
| | D.C ID | | MFG. | | |
| | D.C OD | FT. | TYPE | YT3R | |
| | RMR BODY OD | FT. | NOZ. NO. | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER NO | 595832 | |
| | BIT OR C.B. | FT | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | 3¼ | |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL 70 | FT. | REAMER CUTTER NO. | | |
| WT OF STRING | | LBS. | TYPE | | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

4½ W.O.C.

3½ DRILL OUT CEMENT.

| MUD RECORD | | | | |
|---|---|---|---|---|
| TIME | | | | |
| WEIGHT | | | | |
| VISC | | | | |
| W.L.-C.C. | | | | |
| FLTR. CK. | | | | |
| PH | | | | |
| SD. CONT | | | | |

| MUD & CHEMICALS ADDED TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

C.P.—38 (10/63)

# DAILY DRILLING REPORT

REPORT NO. 4 DATE JAN 28 1965

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS 0-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN. | 17 | 3½ | |

OPERATOR'S REPRESENTATIVE: W. R. Adlington

CONTRACTOR'S TOOL PUSHER: Dennis Cowan

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | GXO | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | | | |
| REAMING | 5 | | |
| CIRCULATING | | | |
| TRIPS | ½ | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | ¼ | ¾ |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 2½ | 7¾ | 7½ |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 3A | 3A |
| | SNGLS. DP | FT. | SIZE | 9⅞ | 12¼ |
| | D.C. ID / OD | FT. | MFG. | | |
| | | | TYPE | HT38 | HT38 |
| | RMR BODY OD | FT. | NOZ. NO. | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER. NO | 505832 | |
| | BIT OR C.B. | FT. | DEPTH OUT | 60 | |
| | | FT. | CUMULATIVE HOURS RUN | 2 | 5 |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL | 60 FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | | LBS. | TYPE | | |
| DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 75 | | 50 | 6" | 55 | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| 5 | REAM 9⅞ TO 12¼ FROM 0' TO 41' |
| ½ | TRIP |
| 2½ | WAIT ON CONDUCTOR PIPE. |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLT. CK. / PH / SD. CONT.

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

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | | |
| | SNGLS. DP | FT. | SIZE | | |
| | D.C. ID / OD | FT. | MFG. | | |
| | | | TYPE | | |
| | RMR BODY OD | FT. | NOZ. NO | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER. NO. | | |
| | BIT OR C.B. | FT. | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | | |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL | FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | | LBS. | TYPE | | |
| DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| 6¾ | WAIT ON CONDUCTOR PIPE |
| 1 | SETTING CONDUCTOR PIPE |
| ¼ | RIG SERVICE. |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT.

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

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | | |
| | SNGLS. DP | FT. | SIZE | | |
| | D.C. ID / OD | FT. | MFG. | | |
| | | | TYPE | | |
| | RMR BODY OD | FT. | NOZ. NO. | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER NO | | |
| | BIT OR C.B. | FT | DEPTH OUT | | |
| | | FT. | CUMULATIVE HOURS RUN | | |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL | FT. | REAMER CUTTER NO. | | |
| WT OF STRING | | LBS. | TYPE | | |
| DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV / DIRECTION / DEPTH / DEV / DIRECTION

REMARKS

| | |
|---|---|
| ¾ | RIG SERVICE |
| 4½ | SET CONDUCTOR PIPE |
| ¾ | CEMENT CONDUCTOR PIPE |
| 2½ | W.O.C. |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLTR CK. / PH / SD. CONT

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

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 3 DATE JAN. 27 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM 2 ISLANDS 0-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN. | 17 | 3½" | |

OPERATOR'S REPRESENTATIVE: W.R. Alistair

CONTRACTOR'S TOOL PUSHER: Dennis Connor

| PUMPS NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | 6X9 | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

## TIME DISTRIBUTION—HOURS

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | ¾ | 2 | |
| REAMING | | 1 | |
| CIRCULATING | | | |
| TRIPS | | ½ | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | 5¾ | 4½ | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | 1½ | | 8 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

## WIRE LINE RECORD

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1A |
| | SNGLS. DP | FT. | SIZE | 9⅞ |
| | D.C. ID | | MFG. | |
| | D.C. OD | FT. | TYPE | YT3 |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | 69914 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 2½ |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | 50 FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ¾ | | 40 | 50 | | 75 | | 50 | 6" | 55 | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| ¾ | DRILL 9⅞ |
| 5¾ | REPAIR RIG. |
| 1½ | MIX MUD. |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT.

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

## DAY TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD | | |
|---|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1A | 2A |
| | SNGLS. DP | FT. | SIZE | 9⅞ | 9⅞ |
| | D.C. ID | | MFG. | | |
| | D.C. OD | FT. | TYPE | YT3 | YT3R |
| | RMR BODY OD | FT. | NOZ. NO | | |
| | STB BODY OD | FT. | NOZ. SIZE | | |
| | SUBS OD | FT. | SER. NO. | 69914 | 505833 |
| | BIT OR C.B. | FT. | DEPTH OUT | 50 | |
| | | FT. | CUMULATIVE HOURS RUN | 2½ | 2 |
| | KELLY DOWN | FT. | COND. OF BIT | | |
| | TOTAL | FT. | REAMER CUTTER NO. | | |
| WT. OF STRING | | LBS. | TYPE | | |
| DRILLER | | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | 50 | 60 | | 75 | | 50 | 6" | 55 | | | |

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

REMARKS

| | |
|---|---|
| ½ | TRIP |
| 1 | REPAIRS |
| 2 | DRILLING. LOST CIRC. 500' |
| 4½ | WORK ON PUMP, MIX MUD. |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT.

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

## EVENING TOUR

| NO. | DRILLING ASSEMBLY | | BIT RECORD |
|---|---|---|---|
| | STANDS DP | FT. | RUN NO |
| | SNGLS. DP | FT. | SIZE |
| | D.C. ID | | MFG. |
| | D.C. OD | FT. | TYPE |
| | RMR BODY OD | FT. | NOZ. NO. |
| | STB BODY OD | FT. | NOZ. SIZE |
| | SUBS OD | FT. | SER NO |
| | BIT OR C.B. | FT | DEPTH OUT |
| | | FT. | CUMULATIVE HOURS RUN |
| | KELLY DOWN | FT. | COND. OF BIT |
| | TOTAL | FT. | REAMER CUTTER NO. |
| WT OF STRING | | LBS. | TYPE |
| DRILLER | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV / DIRECTION / DEPTH / DEV / DIRECTION

REMARKS

| | |
|---|---|
| 8 | WAIT ON CONDUCTOR PIPE |

MUD RECORD: TIME / WEIGHT / VISC / W.L.-C.C. / FLTR CK. / PH / SD. CONT

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

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 2 DATE JAN 26, 1968

| OPERATOR | LOCATION LSD. SEC. TWP. RGE. W. | WELL NAME | No. | PROVINCE |
|---|---|---|---|---|
| SHELL CANADA LIMITED | LAT. 60° 57' 53" LONG. 118° 04' 23" | SHELL PAN AM TWO ISLANDS O-28 | | N.W.T. |

| CONTRACTOR | RIG No. | DRILL PIPE STRING NO. SIZE | TOOL JOINT OD / TYPE THD. |
|---|---|---|---|
| BIG INDIAN | 17 | 3½ | |

OPERATOR'S REPRESENTATIVE: W. R. Arthur

CONTRACTOR'S TOOL PUSHER: Dennis Conner

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | GXO | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | ¾ | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | 7¼ | 8 | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | | |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 8 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

**MORNING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1A |
| | SNGLS. DP | FT. | SIZE | 9⅞ |
| | D.C. ID | | MFG. | |
| | D.C. OD | FT. | TYPE | YT3 |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | 69914 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 1¾ |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ¾ | | 20 | 40 | | | | | | | | | |

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

| | |
|---|---|
| ¾ | DRILL 9⅞ |
| 7¼ | WORK ON PUMP |

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**DAY TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID | | MFG. | |
| | D.C. OD | FT. | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

REMARKS

| | |
|---|---|
| 8 | WORK ON PUMPS, CIRCULATE MUD TO CLEAN. |

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**EVENING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C ID | | MFG. | |
| | D.C OD | FT. | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |

DRILLER

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION

REMARKS

| | |
|---|---|
| 8. | WORK ON PUMPS, CIRCULATE MUD TO CLEAN. |

**MUD RECORD**

| | | | |
|---|---|---|---|
| TIME | | | |
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

CF-38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 1 DATE JAN. 25 1968

| | |
|---|---|
| OPERATOR | SHELL CANADA LIMITED |
| LOCATION | LSD. SEC. TWP. RGE. W. — LAT. 60° 57' 53" LONG 118° 04' 23" |
| WELL NAME | SHELL PAN AM TWO ISLANDS O-28 |
| No. | |
| PROVINCE | N.W.T. |
| CONTRACTOR | BIG INDIAN DR. — RIG No. 17 |
| DRILL PIPE STRING NO. SIZE | 3½ |
| TOOL JOINT OD / TYPE THD. | |
| OPERATOR'S REPRESENTATIVE | W. R. Albertson |
| CONTRACTOR'S TOOL PUSHER | Ennis Connor |

**PUMPS**

| NO. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | | GXO | 16 |
| 2. | | | |
| 3. | | | |

| CASING & LINER RECORD | SIZE | WT. & GR. | DEPTH SET FROM | DEPTH SET TO | PERFORATIONS FROM | PERFORATIONS TO | CEMENT USED | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**TIME DISTRIBUTION—HOURS**

| | MORN | DAY | EVE |
|---|---|---|---|
| DRILLING ACTUAL | 1 | | |
| REAMING | | | |
| CIRCULATING | | | |
| TRIPS | | | |
| DEVIATION SURVEY | | | |
| TEST B.O.P | | | |
| CUT OFF DRILL LINE | | | |
| REPAIR RIG | | | |
| CORING | | | |
| WIRE LINE LOGGING | | | |
| OTHER | | 8 | 8 |
| FISHING | | | |
| COMPLETING (A) PERFORATING | | | |
| (B) RUNNING TUBING | | | |
| (C) SWABBING | | | |
| (D) TESTING | | | |
| (E) ACIDIZING | | | |
| (F) ADDITIONAL | | | |
| TOTALS | 1 | 8 | 8 |

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P:

HRS WO/D.P:

HRS STANDBY

**WIRE LINE RECORD**

REEL NO

NO OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. or TRIPS SINCE LAST CUT

CUMULATIVE TON MI. or TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

**MORNING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | 1A |
| | SNGLS. DP | FT. | SIZE | 9⅞ |
| | D.C. ID / OD | FT. | MFG. | |
| | | | TYPE | YT3 |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO | 69914 |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | 21 |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0 | 20 | | 75 | | 50 | 6" | 55 | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

1 DRILL 9⅞ SPUDDED AT 7.00 A.M JAN 25, 1968.

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**DAY TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO. | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER. NO. | |
| | BIT OR C.B. | FT. | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT. OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

WAIT ON CATS. MIX MUD.

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT. | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |

**EVENING TOUR**

| NO. | DRILLING ASSEMBLY | | BIT RECORD | |
|---|---|---|---|---|
| | STANDS DP | FT. | RUN NO | |
| | SNGLS. DP | FT. | SIZE | |
| | D.C. ID / OD | FT. | MFG. | |
| | | | TYPE | |
| | RMR BODY OD | FT. | NOZ. NO. | |
| | STB BODY OD | FT. | NOZ. SIZE | |
| | SUBS OD | FT. | SER NO | |
| | BIT OR C.B. | FT | DEPTH OUT | |
| | | FT. | CUMULATIVE HOURS RUN | |
| | KELLY DOWN | FT. | COND. OF BIT | |
| | TOTAL | FT. | REAMER CUTTER NO. | |
| WT OF STRING | | LBS. | TYPE | |
| DRILLER | | | | |

| HRS. DRLD. | CORE NO. | FROM | TO | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT 1000# | 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 PUMPS RUN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

| DEVIATION RECORD: | DEPTH | DEV. | DIRECTION | DEPTH | DEV | DIRECTION | DEPTH | DEV | DIRECTION |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

REMARKS

WAIT ON CATS. MIX MUD.
BUILD PITS.

**MUD RECORD**

| TIME | | | |
|---|---|---|---|
| WEIGHT | | | |
| VISC | | | |
| W.L.-C.C. | | | |
| FLTR. CK. | | | |
| PH | | | |
| SD. CONT | | | |

MUD & CHEMICALS ADDED

| TYPE | AMT. | TYPE | AMT. |
|---|---|---|---|
| | | | |