Drilling Authority No. 301

Date Issued 6-2-68

WELL NAME Shell Imperial Foetus Lk F-60

FIELD

LOCATION: Unit F Area:

Section 60 Grid 61-00-118-15

Latitude 60-59-18.5 Longitude 118-25-42.4

From Established Reference Marker

UWI 300F606100118150

UWLR 60.98847 N lat - 118.42845 W long

Rig Release Date: 5/3/68

Status D-A

Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
6-2-68	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
1-3-68	Application to Amend a Drilling Authority.
1-3-68	Application to change a Well Name.
15-3-68	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
Recd 68	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells — Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells — Vitter's Method.
	M.P.R. — Oil — Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Card.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report
	Logs. Large scale ..... Small scale .....

NAMR 52-90 (7-65)

Drilling Authority No. 301

Date Issued Feb. 6, 1968

Canada

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

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

Well name and number Shell Imperial Fostus Lk F-60

Permit No. ..... Lease No. 57R-65

Imperial Oil Limited (Permittee, Licensee, Lessee) Exploratory Licence No. 1046

Shell Canada Limited (Operator) Exploratory Licence No. 1877

Location: Unit F Section 60 Grid 61

Latitude 60° 59' 18.5" N Longitude 118° 25' 42.4" W

From Established Reference Marker .....

Universal Well Location Reference Lat. 60.98847°N Long. 118.42845°W

	DATE	DEPTH
Spudded	Feb/21/68	
Suspended		
Resumed Operations		
Finished Drilling	Mar/3/68	2920
Deepened		
Complete (gas/oil)		
Abandoned	Mar/5/68	2920
Rig released	Mar/5/68	2920

Pool(s) None

Interval(s) open to production None

Elevation: Gr. 985' K.B. 995

Rig No. 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"	K-40	17#	204.17	215KB	80 Sacks + 2% $CaCl_2$
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION	
	Depths	Sub-Sea
Slave Point	2308	-1313
Watt Mountain	2648	-1653
Hume	2658	-1663
Bear Rock	2752	-1752
Precambrian	2890	-1895

CORE RECORD

From	To	Rec.	From	To	Rec.
None					

LOG RECORD

Run No.	Type of Log	From	To
1	IES	2920	215
1	BHC SGR	2916	215
1	MLC	2920	215

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

CEMENTING RECORD (Plug, Squeeze, etc.)

Date	From	To	Remarks
Mar/5/68	2920	2258	Ran 135 Sacks Neat Cement Cemented in two stages
Mar/5/68	260	Surface	Ran 80 Sacks Portland Cement. Cut off casing 3' below ground level. Welded on Plate. Erected sign.

Mar. 5/68 Surface Plug 5 sacks cement.

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
			No tests run											None

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
					None

PRESENT STATUS OF WELL

Oil ..... (Interval.)

Gas ..... (Interval.)

Dry Dry and Abandoned

Susp. .....

Company Shell Canada Limited

Signed by [signature] A.N. McLachlin

Title Division Production Manager

Date March 1968

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

File No. .....
Drilling Authority No. 301

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 Imperial Pootus Lk F-60
Location: Unit J Section 60 Grid 61° 00' 11[illegible] 15'
Latitude 60° 39' 18.5" N Longitude 118° 25' 42.4" W
From Established Reference Marker .....
Universal Well Location Reference Lat. 60.99555° N., Long. 118.42845° W.
Permit No. ..... Lease No. 57R-65
Imperial Oil Enterprises
(Permittee, Licensee, Lessee)

Date of commencement of proposed program .....

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at None
Gas at None
Water at Slave Point waterbearing as shown by Electrical Logs
Total Depth 2920 Date of last operations March 5, 1968
Present condition of well Plugged and abandoned

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	7"	H-40 17#	204.17	215 KB	80 Sacks + 2% $CaCl_2$	Nil
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	2920 - 2258	Precambrian - 50' above	135	
		Slave Point		
2	265 - Surface	Surface Casing	80	Cut off casing 3'
				below ground level;
				weld on plate erect
				sign

The following logs have been run IES, BHC SGR, MLG
Other operations proposed .....

Operations to be carried out by Big Indian Drl Co Ltd Contractor Licence No. 18213
Address Calgary, Alberta Address Calgary, Alberta
Responsible Agent in field N.A. Albertson
Dated at Edmonton this 6 Day of March 19 68
Signed J. M. MacLEOD for A.M. McLachlin Company Shell Canada Limited
Title Edmonton Division Manager 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.E.J. Thoms.

Dated 15th March, 19 68. B. E. J. Thoms
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)

File No.

Drilling Authority No. 301

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

RESOURCE MANAGEMENT DIVISION

Application to Amend a Drilling Authority

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

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 301, concerning Shell Imperial Foetus Lk F-60

(Name and Number of Well)

The following amendments are required:

Please amend Drilling Authority No. 301 to read

Shell Imperial Foetus Lk F-60

and Location - From: Latitude 60° 59' 44" N.

Longitude 118° 25' 28" W.

To: Latitude 60° 59' 18.5" N.

Longitude 118° 25' 42.4" W.

Reasons for the amendments:

Change of location due to reappraisal of seismic data.

Dated at Edmonton, this 27 day of February, 1968

Signed by A.M.McLachlin

Title Manager Edmonton Division Production

Company Shell Canada Limited

(For Resource Management Division use only)

APPROVED

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

UNICUE WELL IDENTIFIER changed from: 300K606100118150 to: 300F606100118150

UNIVERSAL WELL LOCATION REFERENCE changed from: 60.99555° N. Lat.
118.42445° W. Long.

to: 60.98847° N. Lat.
118.42845° W. Long.

Date 1st March, 19 68

Oil Conservation Engineer

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

IAND 52-90-3 (3-67)

File No. .....

Drilling Authority No. 391

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

Application to Change a Well Name

Application is made hereby to change the name of the well, recorded in the Well-names Register as—

Shell Imperial Foetus Lk K-60
(Old name)

to Shell Imperial Foetus Lk F-60
(Proposed new name)

Well Location

Location: Unit F Section 60 Grid 61° 00', 118° 15'

Latitude 60° 59' 18.5" N Longitude 118° 25' 42.4" W

From Established Reference Marker .....

Universal Well Location Reference .....

Reason for Changing Well Name

Change of well location due to reappraisal of seismic data.

Dated at Edmonton this 27 day of February 19 68

ORIGINAL SIGNED BY A.K.McLachlin

Signed Manager M. MacLEOD for

Title Edmonton Division Production

Company Shell Canada Limited

(For Resource Management Division use only)

APPROVED

This application has been examined and approved: .....

Date 1st March, 1968

Oil Conservation Engineer

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

IAND 52-90-4 (3-67)

Drilling Authority No. 301

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 here by made for approval to drill:—

Name and number of well Shell Imperial Foetus Lk K-60

Location: Unit E Section 60 Grid 61°00', 118°15'

Latitude 60° 59' 44" N Longitude 118° 25' 28" W

From Established Reference Marker

Universal Well Location Reference Lat. 60.99555° N., Long. 118.42445° W.

Elevation: Ground 982.8' K.B. feet above sea-level.

Well is expected to produce from Slave Point formation at a depth of about 2100 feet. Expected total final depth 2900

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. Lease No. 578-65 Acreage 776

Permittee, licensee, or lessee Imperial Oil Enterprises

Exploratory Licence No. 1877

Surface owned by Crown or Crown

Petroleum and natural-gas rights owned by Imperial Oil Enterprises

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. 35 by Big Indian Drilling Co. Ltd.
(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's business Licence No. 18213

At well G. Kenney At registered office A. M. 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 ORIGINAL SIGNED BY Company Shell Canada Limited

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

Production

(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 6th February 19 68

Oil Conservation Engineer

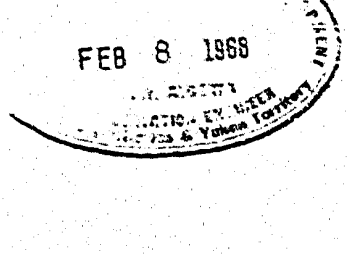
Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-1 (3-67)

Unique Well Identifier - 300K606100118150

⊙ Shell Imp Feeder Lake.

K-EC



SHELL IMPERIAL FOETUS LK F-60

60°59'19.5"N 118°25'42.4"W

WELL HISTORY REPORT

WELL HISTORY REPORT

SHELL IMPERIAL FOETUS LAKE F-60

SHELL CANADA LTD.

APRIL 15, 1968

TABLE OF CONTENTS

SECTION I - SUMMARY OF WELL DATA

(a) Well Name and Number

Shell Imperial Foetus Lake F-60

(b) Permittee

Imperial Oil Limited

(c) Name of Operator

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

(d) Location

Unit F Section 60 Grid 61°00', 118°15'
Latitude: 60° 59' 18.5" N
Longitude: 118° 25' 42.4" W

(e) ~~Permit No.~~ Lease No.

3196 57r-65

~~No permit number on file~~

(f) Drilling Contractor

Big Indian Drilling Co. Ltd.
Rig No. 35

(g) Drilling Authority

Drilling Authority No. 301
Issued February 6, 1968.

(j) Classification

Wildcat

(i) Elevation

Ground 985
K.B. 995

(j) Spudded

February 21, 1968

(k) Completed Drilling

March 3, 1968

(l) Total Depth and Plugged Back Total Depth

T.D. 2920 (Driller)
P.B.T.D. Surface

(m) Well Status

Dry and Abandoned

(n) Rig Released

March 5, 1968

(o) Hole Size

9-7/8" to 218'
6-1/4" to 2920'

(p) Casing

7", 17#, H-40, set at 215' K.B., with 80 sacks + 2% $CaCl_2$

(q) Universal Well Location Reference

Lat. 60.98847° N.
Long. 118.42845° W.

(r) Unique Well Identifier

300F606100118150

SECTION II - GEOLOGICAL SUMMARY

(a) Formation Tops

Formation	Depth
Slave Point	2308 (-1313)
Watt Mountain	2648 (-1653)
Hume	2658 (-1663)
Bear Rock	2752 (-1752)
Precambrian	2890 (-1895)

(b) Cored Intervals

No cores cut

(c) Sample Description

See attached report

SHELL FOETUS LAKE K-60

T.D. 2915

K.B. 995

LATITUDE: 60° 59' 18.5" N.

LONGITUDE: 118° 25' 42.4" W.

0' -10'	Sandstone	Sandstone, very calcareous, consolidated, trace of pyrite.
10' -20'	Sandstone	Sandstone, very calcareous, consolidated, trace of pyrite.
20' -30'	Sandstone	Sandstone, very calcareous, consolidated, trace of pyrite.
30' -40'	Sandstone	Sandstone, very calcareous, silty, consolidated.
40' -50'	Sandstone	Sandstone, consolidated, some limestone.
50' -60'	Sandstone	Sandstone, consolidated, some limestone.
60' -70'	Sandstone	Sandstone, consolidated, some fossiliferous limestone.
70' -80'	Sandstone	Sandstone, consolidated, very calcareous, some fossiliferous limestone, trace of pyrite.
80' -90'	Sandstone	Sandstone, consolidated, very calcareous, some fossiliferous limestone, trace of pyrite.
90' -100'	Sandstone	Sandstone, consolidated, very calcareous, some fossiliferous limestone, trace of pyrite.

100' -110'	Sandstone	Sandstone, consolidated, very calcareous, some limestone, trace of pyrite, chert, gravel.
110' -120'	Sandstone	Sandstone, consolidated, very calcareous, some limestone, trace of pyrite, chert, gravel.
120' -130'	Limestone	Limestone, trace of pyrite, some sandstone, very calcareous.
130' -140'	Limestone	Limestone, trace of pyrite, chert, shale, some sandstone, very calcareous.
140' -150'	Limestone	Limestone, trace of chert, pyrite, some very calcareous sandstone.
150' -160'	Limestone	Limestone, trace of chert, pyrite, some very calcareous sandstone.
160' -170'	Limestone	Limestone, trace of chert, pyrite, some very calcareous sandstone.
170' -180'	Sandstone	Sandstone, calcareous, traces of pyrite, limestone.
180' -190'	Sandstone	Sandstone, calcareous, traces of pyrite, limestone.
190' -200'	Sandstone	Sandstone, calcareous, traces of pyrite, limestone.
200' -210'	Sandstone	Sandstone, calcareous, traces of pyrite, limestone.
210' -220'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, some limestone.
220' -230'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, some limestone.

230' -240'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
240' -250'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
250' -260'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
260' -270'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
270' -280'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
280' -290'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
290' -300'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
300' -310'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
310' -320'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
320' -330'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
330' -340'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
340' -350'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
350' -360'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.

360' -370'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
370' -380'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
380' -390'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
390' -400'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
400' -410'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
410' -420'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
420' -430'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
430' -440'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
440' -450'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
450' -460'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
460' -470'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
470' -480'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
480' -490'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.

490' -500'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
500' -510'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
510' -520'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
520' -530'	Sandstone	Sandstone, calcareous, traces of chert, pyrite, shale, with some limestone.
530' -540'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
540' -550'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
550' -560'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
560' -570'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
570' -580'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
580' -590'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
590' -600'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
600' -610'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
610' -620'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.

620' -630'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
630' -640'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
640' -650'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
650' -660'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
660' -670'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
670' -680'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
680' -690'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
690' -700'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
700' -710'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
710' -720'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
720' -730'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
730' -740'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
740' -750'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.

750' -760'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
760' -770'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
770' -780'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
780' -790'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
790' -800'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
800' -810'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
810' -820'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
820' -830'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
830' -840'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
840' -850'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
850' -860'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
860' -870'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
870' -880'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.

880' -890'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
890' -900'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
900' -910'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
910' -920'	Sandstone	Sandstone, calcareous, consolidated, with some shale and limestone.
920' -930'	Shale	Shale, some limestone, traces of calcareous sandstone.
930' -940'	Shale	Shale, some limestone, traces of calcareous sandstone.
940' -950'	Shale	Shale, some limestone, traces of calcareous sandstone.
950' -960'	Shale	Shale, some limestone, traces of calcareous sandstone.
960' -970'	Shale	Shale, some limestone, traces of calcareous sandstone.
970' -980'	Shale	Shale, some limestone, traces of calcareous sandstone.
980' -990'	Shale	Shale, some limestone, traces of calcareous sandstone.
990' -1000'	Shale	Shale, some limestone, traces of calcareous sandstone.
1000' -1010'	Shale	Shale, and limestone, with some calcareous sandstone.

1010' -1020'	Shale	Shale, and limestone, with some calcareous sandstone.
1020' -1030'	Shale	Shale, and limestone, with some calcareous sandstone.
1030' -1040'	Shale	Shale, and limestone, with some calcareous sandstone.
1040' -1050'	Shale	Shale, and limestone, with some calcareous sandstone.
1050' -1060'	Limestone	Limestone, some shale, traces of consolidated, calcareous sandstone.
1060' -1070'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1070' -1080'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1080' -1090'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1090' -1100'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1100' -1110'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1110' -1120'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1120' -1130'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1130' -1140'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1140' -1150'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.

1150' -1160'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1160' -1170'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1170' -1180'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1180' -1190'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1190' -1200'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1200' -1210'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1210' -1220'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1220' -1230'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1230' -1240'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1240' -1250'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1250' -1260'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1260' -1270'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1270' -1280'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.

1280' -1290'	Limestone	Limestone, with some shale, traces of consolidated calcareous sandstone.
1290' -1300'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1300' -1310'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1310' -1320'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1320' -1330'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1330' -1340'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1340' -1350'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1350' -1360'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1360' -1370'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1370' -1380'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1380' -1390'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1390' -1400'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1400' -1410'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.

1410' -1420'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1420' -1430'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1430' -1440'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1440' -1450'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1450' -1460'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1460' -1470'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1470' -1480'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1480' -1490'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1490' -1500'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1500' -1510'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1510' -1520'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1520' -1530'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1530' -1540'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.

1540' -1550'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1550' -1560'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1560' -1570'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1570' -1580'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1580' -1590'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1590' -1600'	Limestone	Limestone, with some shale, traces of consolidated, calcareous sandstone.
1600' -1610'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1610' -1620'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1620' -1630'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1630' -1640'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1640' -1650'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1650' -1660'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1660' -1670'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.

1670' -1680'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1680' -1690'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1690' -1700'	Limestone	Limestone, with black shale, traces of consolidated, calcareous sandstone.
1700' -1710'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1710' -1720'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1720' -1730'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1730' -1740'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1740' -1750'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1750' -1760'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1760' -1770'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1770' -1780'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1780' -1790'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.
1790' -1800'	Shale	Shale, black, with some limestone, traces of calcareous sandstone.

1800' -1810'	Shale	Shale, black, with traces of calcareous sandstone and limestone.
1810' -1820'	Shale	Shale, black, with traces of sandstone and limestone.
1820' -1830'	Shale	Shale, black, with traces of sandstone and limestone.
1830' -1840'	Shale	Shale, black, with traces of sandstone and limestone.
1840' -1850'	Shale	Shale, black, with traces of sandstone and limestone.
1850' -1860'	Shale	Shale, black, with traces of limestone.
1860' -1870'	Shale	Shale, black, with traces of limestone.
1870' -1880'	Shale	Shale, black, with traces of limestone.
1880' -1890'	Shale	Shale, black, with traces of limestone.
1890' -1900'	Shale	Shale, black, with traces of limestone.
1900' -1910'	Shale	Shale, black, with traces of limestone.
1910' -1920'	Shale	Shale, black, with traces of limestone.
1920' -1930'	Shale	Shale, black, with traces of limestone.
1930' -1940'	Shale	Shale, black, with traces of limestone.
1940' -1950'	Shale	Shale, black, with traces of limestone.
1950' -1960'	Shale	Shale, black, with traces of limestone.
1960' -1970'	Shale	Shale, black, with traces of limestone.

1970' -1980'	Shale	Shale, black, with traces of limestone.
1980' -1990'	Shale	Shale, black, with traces of limestone.
1990' -2000'	Shale	Shale, black, with traces of limestone.
2000' -2010'	Shale	Shale, black, with traces of limestone.
2010' -2020'	Shale	Shale, black, with traces of limestone.
2020' -2030'	Shale	Shale, black, with traces of limestone.
2030' -2040'	Shale	Shale, black, with traces of limestone.
2040' -2050'	Shale	Shale, black, with traces of limestone.
2050' -2060'	Shale	Shale, black, with traces of limestone.
2060' -2070'	Shale	Shale, black, with traces of limestone.
2070' -2080'	Shale	Shale, black, with traces of limestone.
2080' -2090'	Shale	Shale, black, with traces of limestone.
2090' -2100'	Shale	Shale, black, with traces of limestone.
2100' -2110'	Shale	Shale, black, and some limestone.
2110' -2120'	Shale	Shale, black, and some limestone.
2120' -2130'	Shale	Shale, black, and some limestone.
2130' -2140'	Shale	Shale, black, and some limestone.

2140' -2150'	Shale	Shale, black, and some limestone.
2150' -2160'	Shale	Shale, black, with traces of limestone.
2160' -2170'	Shale	Shale, black, with traces of limestone.
2170' -2180'	Shale	Shale, black, with traces of limestone.
2180' -2190'	Shale	Shale, black, with traces of limestone.
2190' -2200'		Shale, black, and some limestone.
2200' -2210'	Shale	Shale, black, and some limestone.
2210' -2220'	Shale	Shale, black, and some limestone.
2220' -2230'	Shale	Shale, black, and some limestone.
2230' -2240'	Shale	Shale, black, and some limestone.
2240' -2250'	Shale	Shale, black, and some limestone.
2250' -2260'	Shale	Shale, black.
2260' -2270'	Shale	Shale, black, with traces of limestone.
2270' -2280'	Shale	Shale, black.
2280' -2290'	Shale	Shale, dark brown grey.
2290' -2295'	Shale	Shale, dark brown grey.
2295' -2300'	Limestone	Limestone, medium grey, fossiliferous, bioclastic, traces of dark brown grey shale.
2300' -2310'	Shale	Shale, dark brown.

2310' -2320'	Limestone	Limestone, medium light grey, fossiliferous.
2320' -2330'	Limestone	Limestone, medium light grey, fossiliferous.
2330' -2340'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix.
2340' -2350'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix.
2350' -2360'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix.
2360' -2370'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2370' -2380'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2380' -2390'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2390' -2400'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2400' -2410'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2410' -2420'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2420' -2430'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.

2430' -2440'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2440' -2450'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2450' -2460'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2460' -2470'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2470' -2480'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2480' -2490'	Limestone	Limestone, medium light grey, fossiliferous, traces of sparry matrix, badly chalkified.
2490' -2500'	Limestone	Limestone, medium brown grey, fossiliferous, some sparry matrix.
2500' -2510'	Limestone	Limestone, medium brown grey, fossiliferous, some sparry matrix.
2510' -2520'	Limestone	Limestone, medium brown grey, fossiliferous, some sparry matrix.
2520' -2524'	Shale	Shale, green with traces of siltstone.
2524' -2530'	Limestone	Limestone, fossiliferous, medium brown grey.
2530' -2540'		VERY POOR SAMPLES. All material indicated to be cavings.

2540' -2545'	Sandstone	Sandstone, green-grey, and some limestone, traces of shale.
2545' -2550'	Limestone	Limestone, fossiliferous, medium brown grey, some sparry matrix.
2550' -2555'	Sandstone	Sandstone, green-grey, and some limestone, traces of shale.
2555' -2560'	Limestone	Limestone, fossiliferous, medium brown grey, some sparry matrix.
2560' -2565'	Sandstone	Sandstone, green-grey, and some limestone, traces of shale.
2565' -2570'	Limestone	Limestone, fossiliferous, medium brown grey, some sparry matrix.
2570' -2575'	Sandstone	Sandstone, green-grey, and some limestone, traces of shale.
2575' -2580'	Limestone	Limestone, fossiliferous, medium brown grey, some sparry matrix.
2580' -2585'	Sandstone	Sandstone, green-grey, and some limestone, traces of shale.
2585' -2590'	Limestone	Limestone, fossiliferous, medium brown grey, some sparry matrix.
2590' -2600'	Limestone	Limestone, medium brown grey, fossiliferous, traces of shale.
2600' -2610'	Limestone	Limestone, medium brown grey, fossiliferous, traces of shale.
2610' -2620'	Limestone	Limestone, medium brown grey, fossiliferous, traces of shale.
2620' -2630'	Limestone	Limestone, medium brown grey, fossiliferous, traces of shale.
2630' -2640'	Limestone	Limestone, medium brown grey, fossiliferous, traces of shale.
2640' -2650'	Limestone	Limestone, medium dark brown grey, fossiliferous, some shale.

2650' -2660'	Shale - Limestone	Shale, dark brown, and fossiliferous limestone, traces of sandstone.
2660' -2670'	Shale - Limestone	Shale, dark brown, and fossiliferous limestone, traces of sandstone.
2670' -2680'	Shale - Limestone	Shale, black, with white, fossiliferous limestone.
2680' -2690'	Shale - Limestone	Shale, black, with white fossiliferous limestone.
2690' -2700'	Shale - Limestone	Shale, black, with white fossiliferous limestone.
2700' -2710'	Limestone	Limestone, medium brown grey, fossiliferous, trace of shale.
2710' -2720'	Limestone	Limestone, medium brown grey, fossiliferous, trace of shale.
2720' -2730'	Limestone	Limestone, medium brown grey, fossiliferous, trace of shale.
2730' -2736'	Limestone	Limestone, medium brown grey, fossiliferous, trace of shale.
2736' -2740'	Shale	Shale, red.
2740' -2750'	Limestone	Limestone, medium brown grey, fossiliferous, matrix partly dolomitized.
2750' -2760'	Dolomite	Dolomite, medium brown.
2760' -2770'	Dolomite	Dolomite, medium brown.
2770' -2775'	Dolomite	Dolomite, medium brown.
2775' -2780'	Dolomite - Anhydrite	Dolomite, medium brown, and white anhydrite.
2780' -2790'	Anhydrite	Anhydrite, white with traces of medium brown dolomite.
2790' -2795'	Dolomite - Anhydrite	Dolomite, medium brown, with white anhydrite.
2795' -2800'	Anhydrite	Anhydrite, white with traces of brown dolomite.

2800' -2805'	Dolomite - Anhydrite	Dolomite, medium brown, with white anhydrite.
2805' -2810'	Anhydrite	Anhydrite, white, with traces of medium brown dolomite.
2810' -2815'	Anhydrite	Anhdyrite, white, with traces of medium brown dolomite.
2815' -2820'	Shale	Shale, medium grey-green, some limestone, traces of sandstone and feldspar.
2820' -2825'	Shale	Shale, red.
2825' -2830'	Sandstone	Sandstone, medium grey, traces of grey shale.
2830' -2840'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2840' -2850'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2850' -2860'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2860' -2870'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2870' -2880'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2880' -2890'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2890' -2900'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.
2900' -2905'	Sandstone	Sandstone, red, traces of mica, very feldspathic, fair sorting, sub-angular.

2905' -2910'	Shale	Shale, red.
2910' -2915'	Granite	Granite, fresh, pink.
2915' -2920'	Granite	Granite, fresh, pink.

SECTION III - ENGINEERING SUMMARY

(a) Casing Record

Size	Weight	Grade	Amount	Depth	Cement
7"	17#	H-40	5 jts	215 KB	80 sacks + 2% $CaCl_2$

(b) Drillstem Tests

None

(c) Bit Record

No.	Size	Type	Depth Out	Feet Drilled	Hours Run
1A	9-7/8	DT	44	44	12-3/4
2A	9-7/8	DT	154	110	21
3A	9-7/8	DT	218	64	6-1/4
1	6-1/4	DT	1052	834	19
2	6-1/4	DT-J	1567	515	12-1/4
3	6-1/4	DT-J	2316	749	15-3/4
4	6-1/4	DT-J	2535	219	13
5	6-1/4	DT2G	2666	131	14-3/4
6	6-1/4	K2P	2781	115	12-3/4
7	6-1/4	L4H	2867	86	11
8	6-1/4	4W4	2920	53	8-1/4

(d) Mud Report

Gel	Caustic	Peltex	CMC	Spersene
103 sacks	20 sacks	4 sacks	1 sack	4 sacks

(e) Deviation Record

Depth	Deviation (Totco °)
61	1/2
159	1-1/2
885	1-1/2
1365	1-1/2
1869	1
2567	2
2695	2
2792	3
2867	2-1/2

(f) Abandonment Plugs

Date	Interval	Cement & Additives	Remarks
3/5/68	2920 - 2258	135 sacks	
3/5/68	260 - Surface	80 sacks Pozmix	Cut off casing 3' below ground level. Welded on plate, erected sign

5 sacks in surface casing
5 sacks in rathole

(g) Lost Circulation Zones

None

(h) Blowouts

None

SECTION IV - LOGS

Date	Interval	Type
March 4, 1968	2920-3215 TD to surface Csg.	MLC
March 4, 1968	2916-3215 TD to surface Csg.	BHC SGR
March 4, 1968	2916-3215 TD to surface Csg.	IES

Three copies of each log forwarded March 28, 1968.

SECTION V - ANALYSIS

(a) Core Analysis

None

(b) Water Analysis

None

(c) Gas Analysis

None

(d) Oil Analysis

None

SECTION VI - COMPLETION SUMMARY

(a) Tubing Record

None

(b) Perforation Record

None

(c) Cementation Record

Plug No.	Date	Interval	Formation	Cement	Remarks
1	3/5/68	2920 - 2258	Slave Point	135 sacks	
2	3/5/68	260 - Sfc. Csg.	Sfc. Csg.	80 sacks	+ 2% Cacl2
3	3/5/68	Surface Plug		5 sacks	

(d) Acidization and Fracturing Record

None

(e) Back Pressure and Production Tests

None

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

C.P.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 15 DATE MARCH 5/68

OPERATOR	LOCATION LSC.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	LAT 60° 59' 18.5" N LONG 118° 25' 42" W					FUETUS LAKE	F60	N.W.T

CONTRACTOR	RIG No.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	OD
BIG INDIAN	35	5½	TYPE THD. AI	

OPERATOR'S REPRESENTATIVE: A. Steyins

CONTRACTOR'S TOOL PUSHER: G. W. Williamson

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 ACT.			
REAMING			
CIRCULATING			
TRIPS			
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	5½		
FISHING			
COMPLETING (A) PERFORATING			
(B) RUNNING TUBING			
(C) SWABBING			
(D) TESTING			
(E) ACIDIZING			
(F) ADDITIONAL			
TOTALS	5½		

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: 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

12:00 CEMENTING ~~long~~ ~~down~~ ~~pipe~~

12:30 ~~Run~~ ~~out~~ LAY DOWN PIPE

4:00 THAW LINES ~~Rig~~ 1

4:30 RUN PLUG #2 Rig Released 5:30 AM

5:15 PLUG #2 FINISHED

8:00 LAY DOWN PIPE + RIG OUT A. S.

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

Plug #1
Run 80 sacks Portland cement - pumped in two stages
Plug down 12:15 AM.

Plug #2 260-0 (csg bowl)
ran 80 sack Portland + 2% CaCl2 - Filled to surface
+ pulled out pipe + refilled to surface with cement finished 5:15 AM A. S.

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
			5	Sacks in rathole								

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

REMARKS

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 MARCH 4/68

OPERATOR	LOCATION LSD. SEC. TWP. RGE. W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	LAT 60° 59' 18.5" N LONG 135° 25' 42.4" W	FOETUS LAKE	F 60	N.W.T.

CONTRACTOR	RIG No.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	TYPE THD.
BIG INDIAN	35	3½	4½ OD	AI

OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER
W.R. Dillon	G.W. Whittaron

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			
REAMING			
CIRCULATING		7	7
TRIPS	1	1	½
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING	7		
OTHER			
FISHING			
COMPLETING (A) PERFORATING			½
(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.	
	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 G Boonan

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

12⁰⁰	LOGGING	7⁰⁰	1
7⁰⁰	RUN IN HOLE OPEN END	8⁰⁰	1

RAN MLC FROM TD TO S.C.
RAN BK-SGR-C TD TO S.C.
RAN IES TD TO S.C.

W.R.D.

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	
#1	STANDS DP	FT.	RUN NO.	
	SNGLS. DP	FT.	SIZE	
	D.C. 2" ID / 4¾ OD	FT.	MFG.	
12	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 29.19	FT.	COND. OF BIT	
	TOTAL 2915	FT.	REAMER CUTTER NO.	
	WT. OF STRING 28.00	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

8⁰⁰ Run in Open end.
Rack up two singles. 9⁰⁰
9⁰⁰ Circ & wait on Orders 4⁰⁰

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 2" ID / 4¾ OD	FT.	MFG.	
12	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 29.19	FT.	COND. OF BIT	
	TOTAL 2915	FT.	REAMER CUTTER NO.	
	WT OF STRING 22.00	LBS.	TYPE	

DRILLER Fred Hamwick

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

4⁰⁰	WAIT ON ORDERS & CIRC	11⁰⁰	
11⁰⁰	RUN PLUG #1	11³⁰	
11³⁰	STAND BACK FIVE STDS.	12⁰⁰	

MUD RECORD

TIME	4⁰⁰	8⁰⁰	10⁰⁰
WEIGHT	9.6	96	96
VISC	114	114	120
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

C.P.—3B (10/63) **DAILY DRILLING REPORT** REPORT NO. 13 DATE Mar 31/00

OPERATOR	LOCATION LSD. SEC.	TWP. RGE. W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	2A† 60° 59' 118.5	N LONG 188 25 W4TH	SHELL FOETUS LAKE	F60	N.W.T.

CONTRACTOR	RIG No.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	TYPE THD.
BIG INDIAN	35		3 1/2 OD	AI

OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER
W.R. Wheeler	A.W. Whitten

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	4½	3¾	
REAMING			
CIRCULATING	2	4¼	½
TRIPS			½
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			2½
OTHER			2½
FISHING			
COMPLETING (A) PERFORATING			
(B) RUNNING TUBING			
(C) SWABBING			
(D) TESTING			
(E) ACIDIZING			
(F) ADDITIONAL			
TOTALS	6	18	

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 7/8

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	24026 FT.	RUN NO.	9
1	SNGLS. DP	32.20 FT.	SIZE	6¼
14	D.C. 3" ID, 4¾ OD	411.22 FT.	MFG.	SMITH
			TYPE	4W4
	RMR BODY OD	FT.	NOZ. NO.	4W4
	STB BODY OD	FT.	SIZE	OPEN
	SUBS OD	FT.	SER. NO	CIRC
	BIT OR C.B.	FT.	DEPTH OUT	2886
		FT.	CUMULATIVE HOURS RUN	4½
	KELLY DOWN	2889.05 FT.	COND. OF BIT	
	TOTAL	2886 FT.	REAMER CUTTER NO.	
WT. OF STRING	29000 LBS.		TYPE	

DRILLER L. Bowman

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
		2669	2886		60	14	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

12⁰⁰	RIG SER	12¹⁵	¼
12¹⁵	DRLG 6¼ HOLE	4⁴⁵	4½
4⁴⁵	COND HOLE TO LOG	6⁰⁰	1¼
6⁰⁰	CIRC. W/O LOGGERS	8⁰⁰	2

MUD RECORD

	12⁰⁰	6⁰⁰	
TIME			
WEIGHT	9.6	9.6	
VISC	65	90	
W.L.-C.C.		7.8	
FLTR. CK.	2/32	=	
PH	9.5	=	
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	800		
SPERCENE	200		

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
38	STANDS DP	24056 FT.	RUN NO.	8
2	SNGLS. DP	64.00 FT.	SIZE	6¼
14	D.C. 2" ID, 4¾ OD		MFG.	SMITH
		FT.	TYPE	4W4
	RMR BODY OD	FT.	NOZ. NO	OPEN
	STB BODY OD	FT.	SIZE	CIRC
	SUBS OD	FT.	SER. NO.	37292
	BIT OR C.B.	FT.	DEPTH OUT	2915
		FT.	CUMULATIVE HOURS RUN	8¼
	KELLY DOWN	2919.86 FT.	COND. OF BIT	
	TOTAL	2920.36 FT.	REAMER CUTTER NO.	
WT. OF STRING	29000 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
3¾		2886	2915		62	16-18	700	6"				

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2867	2½°							

REMARKS

8⁰⁰	RIG SERVICE W/O Loggers	12⁰⁰	
12⁰⁰	DRLG 6¼ HOLE.	3⁴⁵	
3⁴⁵	CIRC TO LOG.	4⁰⁰	

MUD RECORD

	8⁰⁰	12⁰⁰	2⁰⁰
TIME			
WEIGHT	9.6	9.6	9.6
VISC	7.4	22	100
W.L.-C.C.	7.6	7.8	7.6
FLTR. CK.	2/32	2/32	2/32
PH	9.5	9.0	9.5
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	500		

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
39	STANDS DP	29696 FT.	RUN NO	8
	SNGLS. DP	FT.	SIZE	6¼
14	D.C. 2" ID, 4¾ OD	414.72 FT.	MFG.	SMITH
			TYPE	4 W A
	RMR BODY OD	FT.	NOZ. NO.	Conv.
	STB BODY OD	FT.	SIZE	
	SUBS OD	FT.	SER NO	37292
	BIT OR C.B.	FT	DEPTH OUT	2915
		FT.	CUMULATIVE HOURS RUN	8¼
	KELLY DOWN	2919.86 FT.	COND. OF BIT	2 1 0
	TOTAL	2919.86 FT.	REAMER CUTTER NO.	
WT OF STRING	29000 LBS.		TYPE	

DRILLER Peter Jamnick

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
		2915	2915	T.D. 2923.79 BT 2919.36 4.53			700	6"		—	—	

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

12⁰⁰	Circ To Log	5⁰⁰	—
5⁰⁰	Wait on Orders & Circ	7³⁰	SHLUMBERGER T.D.
7³⁰	Hoist & Measure out	9³⁰	2921'.
9³⁰	Rig up To Log	9⁴⁵	W.R.D.
9⁴⁵	Logging	12.—	

MUD RECORD

	4⁰⁰	6⁰⁰	8⁰⁰
TIME			
WEIGHT	9.6	9.6	9.6
VISC	100	110	110
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 March 2nd 1968

OPERATOR: SHELL CANADA LIMITED	LOCATION: LAT 60° 59' 18.5 / LONG 113° 25' 42.4"	WELL NAME: Shell Fortune Lake	No. F60
CONTRACTOR: Big Indian Drilling	RIG No. 35	DRILL PIPE STRING NO. SIZE: 3½	TOOL JOINT 4¾ OD; TYPE THD. AI
OPERATOR'S REPRESENTATIVE: W. R. Abbott	CONTRACTOR'S TOOL PUSHER: A. W. Whitton	PROVINCE: N.W.T.	

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gardner Denver	FXQ	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	4½	7¼	3¾
REAMING	¼		
CIRCULATING	¼		
TRIPS	2¾		3¾
DEVIATION SURVEY		½	¼
TEST B.O.P		¼	¼
CUT OFF DRILL LINE			
REPAIR RIG	¼		
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

DRILLING ASSEMBLY

NO.			
37	STANDS DP	2378.	FT.
	SNGLS. DP		FT.
	D.C. 2" ID 4 3/16 OD	410.72	FT.
	RMR BODY OD		FT.
	STB BODY OD		FT.
	SUBS OD		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	2992	FT.
	TOTAL	2781.	FT.
	WT. OF STRING	28000	LBS.

DRILLER: G Noonan

BIT RECORD

RUN NO.	6	7
SIZE	6¼	6¼
MFG.	SMITH	SMITH
TYPE	K2P.	L4H.
NOZ. NO.	OPEN	2/16 1/18
NOZ. SIZE	CIRC.	
SER. NO	41065	43969
DEPTH OUT	2781	
CUMULATIVE HOURS RUN	12¾.	
COND. OF BIT		
REAMER CUTTER NO.		
TYPE		

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
		2738.	2781		100	14000	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

From	Remarks	To	Hours
12:00	DRLG 6¼ HOLE.	2:30	2½
2:30	Rig Service	2:45	¼
2:45	DRLG 6¼ HOLE.	4:45	2
4:45	TRIP FOR BIT.	7:30	2¾
7:30	BRECK CIRC.	7:45	¼
7:45	REAM 20 FT TO BOTTOM	8:00.	¼
			8.

MUD RECORD

TIME	12:00	4:00
WEIGHT	9.4	9.4
VISC	56	63
W.L.-C.C.	6.2	5.5
FLTR. CK.	2/32	2/32
PH	9.5	9.5
SD. CONT.		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
¼" Stream water 2 hrs"			
1000 Gel			
100 PELTEX.			
50 CAUSTIC.			

DAY TOUR

DRILLING ASSEMBLY

NO.			
38	STANDS DP	2405.63	FT.
	SNGLS. DP		FT.
14	D.C. 3" ID 4¾ OD	410.72	FT.
	RMR BODY OD		FT.
	STB BODY OD		FT.
	SUBS OD		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	2855.86	FT.
	TOTAL	2832	FT.
	WT. OF STRING	28000	LBS.

DRILLER: G Bonnar

BIT RECORD

RUN NO.	7
SIZE	6¼
MFG.	Smith
TYPE	L4H
NOZ. NO	2/16 1/18
NOZ. SIZE	
SER. NO.	43969
DEPTH OUT	
CUMULATIVE HOURS RUN	8
COND. OF BIT	
REAMER CUTTER NO.	
TYPE	

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
7¼		2781	2832		100	14	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2792	3°							

REMARKS

From	Remarks	To	Hours
8:00	RIG SER ✓ B.O.P.S	8:30	½
8:30	DRLG 6¼ HOLE	10:30	2
10:30	SURVEY	10:45	¼
10:45	DRLG 6¼ HOLE	4:00	5¼

MUD RECORD

TIME	8:00	12:00	2:00
WEIGHT	9.4	9.4	9.4
VISC	170	70	90
W.L.-C.C.	5.5	7.2	7.2
FLTR. CK.	2/32	=	=
PH	9.5	9.	9.5
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
water	25	BBLS	

EVENING TOUR

DRILLING ASSEMBLY

NO.			
45	STANDS DP	2445.74	FT.
1	SNGLS. DP	32.20	FT.
14	D.C. ID OD	410.72	FT.
	RMR BODY OD		FT.
	STB BODY OD		FT.
	SUBS OD		FT.
	BIT OR C.B.		FT
			FT.
	KELLY DOWN	2888.06	FT.
	TOTAL	2867.	FT.
	WT OF STRING	28000	LBS.

DRILLER: G Noonan.

BIT RECORD

RUN NO	7	8
SIZE	6¼	6¼
MFG.	SMITH	SMITH
TYPE	L4H	4W4
NOZ. NO.	2/16 1/18	OPEN
NOZ. SIZE		CIRC
SER NO	37292	43969
DEPTH OUT	286	
CUMULATIVE HOURS RUN	11	
COND. OF BIT	4-3-1	
REAMER CUTTER NO.		
TYPE		

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
3¾		2832	2867		88	14	700	6'	52	6"		

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION
2867	2½							

REMARKS

From	Remarks	To	Hours
4:00	DRLG 6¼ HOLE	6:00	2
6:00	Rig SERVICE.	6:15	¼
6:15	DRLG 6¼ HOLE.	8:00	1¾
8:00	DROP SURVEY	8:15	¼
8:15	TRIP FOR BIT No 7 MEASURE out of Hole	11:45	3½
11:45	BRECK CIRC.	12:00	¼

MEASURE out to 2892.16 Board Tally 2888.06

MUD RECORD

TIME	4:00	8:00
WEIGHT	9.4	9.4
VISC	70	74
W.L.-C.C.	7.4	✓
FLTR CK.	2/32	✓
PH	9.0	9.5
SD. CONT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

C.P.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 11 DATE March 1/64

OPERATOR	LOCATION LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	Lot 60°	59	18.5	N Long 135°	25' 42.4" W	SHELL FOETUS LAKE.	F. 60.	NWT.

CONTRACTOR	RIG No.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	
Big Indian Drilling	35.	3½	4¾ OD	TYPE THD. AI

OPERATOR'S REPRESENTATIVE: W R Nolet

CONTRACTOR'S TOOL PUSHER: G W Whitteron

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gardner Denver.	FXQ	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	4¾	7¼
REAMING			
CIRCULATING			
TRIPS		2¾	
DEVIATION SURVEY			½
TEST B.O.P	¼	¼	¼
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	½	¼	
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	
42	STANDS DP	2253 FT.	RUN NO.	5
	SNGLS. DP	FT.	SIZE	6¼
14	D.C. 2" ID 4¾ OD	410.72 FT.	MFG.	SMITH
			TYPE	DT26
	RMR BODY OD	FT.	NOZ. NO.	2 1
	STB BODY OD	FT.	SIZE	18 16
	SUBS OD	FT.	SER. NO	36790
	BIT OR C.B.	FT.	DEPTH OUT	
		FT.	CUMULATIVE HOURS RUN	10¾
	KELLY DOWN	2663 FT.	COND. OF BIT	
	TOTAL	2646 FT.	REAMER CUTTER NO.	
WT. OF STRING	28000 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
10¾		2585	2646		100	12^00	700	6	52	6	52	

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

12^00	RIG SERVICE.	12^15	¼
12^15	DRLG 6¼ HOLE.	5^15	5
5^15	Condition mud.	5^45	½
5^45	DRLG 6¼ HOLE.	8^00	2¼

DRILLING AVERAGE 8-10' PER FOOT.

MUD RECORD

TIME	12^00	4^00	6^00
WEIGHT	9.2	9.2	9.2
VISC	64.	54	58
W.L.C.C.	5.4	"	6.2
FLTR. CK.	2/32	"	2/32
PH	9.0.	"	9.0
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	500	½ Stream	
CAUSTIC	100#	WATER	
PERTEX	100#	FOR	30"
CMC	50#		

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD		
42	STANDS DP	21326 FT.	RUN NO.	5	6
	SNGLS. DP	FT.	SIZE	6¼	6¼
14	D.C. 2" ID 4¾ OD	410 72 FT.	MFG.	Smith	Smith
			TYPE	DT26	K2P
	RMR BODY OD	FT.	NOZ. NO.	2 1	OPEN
	STB BODY OD	FT.	SIZE	18 16	Circ
	SUBS OD	FT.	SER. NO.	36790	41065
	BIT OR C.B.	FT.	DEPTH OUT	2666	
		FT.	CUMULATIVE HOURS RUN	14¾	
	KELLY DOWN	2666 FT.	COND. OF BIT	0	¾
	TOTAL	2668 FT.	REAMER CUTTER NO.		
WT. OF STRING	28000 LBS.		TYPE		

DRILLER: L. Bonnan

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
14		2647	2666		100	12	700	6"	52			
		2666										

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

8^00	RIG SER "BOPS	8^30	½
8^30	DRILL 6¼ HOLE	12^30	4.
12^30	TRIP - For Bit	3^00	2¾
3^00	DRILL 6¼ HOLE	4^00	¾

MUD RECORD

TIME	8^00	12^00	
WEIGHT	9.4		
VISC	55		
W.L.C.C.	6.6		
FLTR. CK.	2/32		
PH	9.		
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
42	STANDS DP	22132 FT.	RUN NO	6
1	SNGLS. DP	31.65 FT.	SIZE	6¼
14	D.C. 3" ID 4¾ OD	410 72 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	
		FT.	CUMULATIVE HOURS RUN	
	KELLY DOWN	2738 FT.	COND. OF BIT	8
	TOTAL	2738 FT.	REAMER CUTTER NO.	
WT OF STRING	28000 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
		2666	2738		88-100	14	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION
2695	2°							

REMARKS

4^00	Rig SER	4^15	¼
4^15	Drill 6¼ Hole	6^30	2¼
6^30	Survey	7^00	½
7^00	Drill 6¼ Hole	12^00	5

MUD RECORD

TIME	4^00	8^00	12^00
WEIGHT	95	9.4	9.4
VISC	57	58	56
W.L.C.C.	6.8	6.0	6.2
FLTR. CK.	2/32	2/32	2/32
PH	9.5	9.5	90
SD. CONT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
¼"	Stream water.		

C.I.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 10 DATE Feb 29th

OPERATOR: SHELL CANADA LIMITED

LOCATION LSD. SEC. TWP. RGE. W.: LAT. 60° 58' 18.5" N LONG. 118° 25' 43.4" W.

WELL NAME: Shell Fuetus Lake No. F-60

PROVINCE: N.W.T.

CONTRACTOR: Big Indian RIG No. 35

DRILL PIPE STRING NO. SIZE: 2 7/8

TOOL JOINT: 4 3/4 OD TYPE THD. AI

OPERATOR'S REPRESENTATIVE: W. R. Deluce

CONTRACTOR'S TOOL PUSHER: G. W. Whitteron

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gardner Denver	9X9	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	3 1/4	7	3 1/2
REAMING			
CIRCULATING			
TRIPS	3 3/4		4
DEVIATION SURVEY		1/2	1/2
TEST B.O.P	1/4	1/4	
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	3/4	1/4	
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	1990 FT.	RUN NO.	3	4
	SNGLS. DP	FT.	SIZE	6 1/4	6 1/4
	D.C. 2" ID 4 3/4 OD	410. FT.	MFG.	SMITH	SMITH
14			TYPE	DT-J	DT26
	RMR BODY OD	FT.	NOZ. NO.	2 1	2 1
	STB BODY OD	FT.	SIZE	16 18	18 16
	SUBS OD	FT.	SER. NO	44515	39020
	BIT OR C.B.	FT.	DEPTH OUT	2316	
		FT.	CUMULATIVE HOURS RUN	15 3/4	3 1/4
	KELLY DOWN 2409	FT.	COND. OF BIT	4-3-1	
	TOTAL 2400	FT.	REAMER CUTTER NO.		
	WT. OF STRING 21000	LBS.	TYPE		

DRILLER: J. 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
3 1/4		2316	2400.		100	16	700	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

12:00	Rig service. 12:15.	1/4
12:15	Condition mud. 100	3/4
1:00	Trip for bit. 4:45	3 3/4
4:45	Drlg 6 1/4 hole. 8:00	3 1/4

MUD RECORD

TIME	12:00	6:00
WEIGHT	9.0	9.2
VISC	64	58
W.L.-C.C.		5.4
FLTR. CK.		2/32
PH		9.0
SD. CONT.		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
1000 GEL			

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
32	STANDS DP	2085.68 FT.	RUN NO.	4
1	SNGLS. DP	33.6 FT.	SIZE	6 1/4
	D.C. 2" ID 4 3/4 OD	410.72 FT.	MFG.	Smith
14			TYPE	OTJG
	RMR BODY OD	FT.	NOZ. NO	2 1
	STB BODY OD	FT.	SIZE	18 16
	SUBS OD	FT.	SER. NO.	39020
	BIT OR C.B.	FT.	DEPTH OUT	
		FT.	CUMULATIVE HOURS RUN	13
	KELLY DOWN 2535.91	FT.	COND. OF BIT	
	TOTAL 2535	FT.	REAMER CUTTER NO.	
	WT. OF STRING 27000	LBS.	TYPE	

DRILLER: J. 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
11 1/2		2400	2535									

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

8:45	Rig ser & B.O.P.S	8 3/4	1/2
8:30	Drill 6 1/4 hole	3 3/4	7
3:30	Survey	400	1/2

MUD RECORD

TIME	8:30	12:45	2:45
WEIGHT	9.1	9.3	9.5
VISC	55	60	60
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
24	STANDS DP	2187 FT.	RUN NO	5
	SNGLS. DP	FT.	SIZE	6 1/4
	D.C. 2" ID 4 3/4 OD	410.72 FT.	MFG.	SMITH
14			TYPE	DTJG
	RMR BODY OD	FT.	NOZ. NO.	2 1
	STB BODY OD	FT.	SIZE	18 16
	SUBS OD	FT.	SER NO	36790
	BIT OR C.B.	FT	DEPTH OUT	
		FT.	CUMULATIVE HOURS RUN	3 1/2
	KELLY DOWN 2599.93	FT.	COND. OF BIT	
	TOTAL 2585.93	FT.	REAMER CUTTER NO.	
	WT OF STRING 27000	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
3 1/2		2535	2585.		100	12	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION
2567	2°							

REMARKS

4:45	Pull out for Survey BBL	8 1/2	1/4
9:00	Drilling 6 1/4 HOLE	1000	2
10:00	Surveyed @ 2567	10 30	1/2
10:30	Drlg 6 1/4 HOLE	12 00	1 1/2

MUD RECORD

TIME	9	11	
WEIGHT	9.4	9.4	
VISC	56	57	
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	500		

C.P.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 7 DATE Feb 24/64

OPERATOR	LOCATION LSD. SEC. TWP. RGE. W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	LAT. 60° 59' 18.5" N. LONG. 118° 25' 42.4" W.	Foetus Lake	F-100	N.W.T.

CONTRACTOR	RIG No.	DRILL PIPE STRING NO. SIZE	TOOL JOINT 4½ OD	TYPE THD. AI
Big Indian	35			

OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER
W. R. Hutton	A. Whitteron

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	[illegible] & XD.		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

	NOON	DAY	EVE
DRILLING ACTUAL	9½	4¼	5¾
REAMING			
CIRCULATING			
TRIPS			
DEVIATION SURVEY			
TEST B.O.P		¼	¼
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	V.S.		2¼
FISHING	4¼	3½	
COMPLETING (A) PERFORATING			
(B) RUNNING TUBING			
(C) SWABBING			
(D) TESTING			
(E) ACIDIZING			
(F) ADDITIONAL			
TOTALS			48

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	
24	STANDS DP	1340 FT.	RUN NO.	3
1	SNGLS. DP	27.12 FT.	SIZE	6¼
14	D.C. 2 ID, 4½ OD	410.72 FT.	MFG.	Smith
	RMR BODY OD	FT.	TYPE	DTJ
	STB BODY OD	FT.	NOZ. NO.	2
	SUBS OD	FT.	NOZ. SIZE	1/16 1/4
	BIT OR C.B.	FT.	SER. NO	4415
		FT	DEPTH OUT	in
	KELLY DOWN	39.51 FT.	CUMULATIVE HOURS RUN	5
	TOTAL	1754 FT.	COND. OF BIT	
WT. OF STRING	22000 LBS.		REAMER CUTTER NO.	
			TYPE	

DRILLER: D. 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
4½		1648	1758		160	14	700	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

12,12,15	Drill 6¼ hole	¼
1215,1230	rig service	¼
1230,145	Drill 6¼ hole	1¼
145,330	fish for twist off	1¾
330,530	Drill 6¼ hole	2
530,800	fish for second twist off	2½

MUD RECORD

TIME	12	2	4
WEIGHT	9.2	9.0	8.8
VISC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
180 BBLS water.			

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
23	STANDS DP	1451.49 FT.	RUN NO.	3
1	SNGLS. DP	FT.	SIZE	6¼
14	D.C. 1 ID, 4¾ OD	410.72 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.	44515
		FT.	DEPTH OUT	
	KELLY DOWN	1933 FT.	CUMULATIVE HOURS RUN	17½
	TOTAL	1933 FT.	COND. OF BIT	
WT. OF STRING	24000 LBS.		REAMER CUTTER NO.	
			TYPE	

DRILLER: D. 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
4¾		1758	1933		70	16	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1869	1							¼

REMARKS

8	Rig SER	¼
8 15	Fish FOR Twist off	3¼
11 45	Drill 6¼ hole	4

MUD RECORD

TIME	12½	2	
WEIGHT	9	8.8	
VISC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
WATER	110 BBL.		

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
37	STANDS DP	18.74 FT.	RUN NO	3
1	SNGLS. DP	31.81 FT.	SIZE	6¼
14	D.C 2" ID, 4¾ OD	410.72 FT.	MFG.	SMITH
	RMR BODY OD	FT.	TYPE	DTJ
	STB BODY OD	FT.	NOZ. NO.	2 1
	SUBS OD	FT.	NOZ. SIZE	16 18
	BIT OR C.B.	FT	SER NO	44515
		FT.	DEPTH OUT	2316
	KELLY DOWN	2316 FT.	CUMULATIVE HOURS RUN	18¾
	TOTAL	2316 FT.	COND. OF BIT	
WT OF STRING	LBS.		REAMER CUTTER NO.	
			TYPE	

DRILLER: D. 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
4½		1933	2316		100	16	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

400	RIG SERVICE.	¼
415	DRLG 6¼ HOLE.	4½
945	DILMD + CLEAN TANKS.	¾
1039	CONDITION MUD	1½
1200		

MUD RECORD

TIME	400	600	800
WEIGHT	88	8.6	8.8
VISC			
W.L.-C.C.	WATER		
FLTR CK.			
PH			
SD. CONT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	300#		
CAUSTIC	100#		

C.P.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 8 DATE FEB. 27/68

OPERATOR	LOCATION LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	LAT. 60° 59' 18.5" N		LONG. 118° 25' 42.4 W.			SHELL IMPERIAL FOETUS LAKE	F-60	N.W.T

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

OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER
W. R. Dehdashtian	A. W. Whitteron

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	G.D.	CXQ	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	5 3/4		1 1/2
REAMING			
CIRCULATING			
TRIPS		1/2	2
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG		1	1/4
CORING			
WIRE LINE LOGGING			
OTHER	2 1/4	6 1/2	4 1/4
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	
24	STANDS DP	1124.68 FT.	RUN NO.	2
1	SNGLS. DP	31.60 FT.	SIZE	6 1/4
14	D.C. 2 ID 4 3/4 OD	410.72 FT.	MFG.	SMITH
			TYPE	DTJ
	RMR BODY OD	FT.	NOZ. NO.	3
	STB BODY OD	FT.	SIZE	16
	SUBS OD	FT.	SER. NO	44520
	BIT OR C.B.	FT.	DEPTH OUT	IN
		FT.	CUMULATIVE HOURS RUN	12 1/4
	KELLY DOWN	39.51 FT.	COND. OF BIT	
	TOTAL	1567 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
5 3/4		1385	1567		160	14	700	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

1/4	RIG SERVICE
1 1/4	DRILL 6 1/4 HOLE
1/2	PULL WATER TRUCK OUT OF SUMP.
2 1/2	DRILL 6 1/4 HOLE
1/2	CLEAN SUCTION TANK.
1/2	W/O WATER
2	DRILL 6 1/4 HOLE
1/2	W/O WATER

MUD RECORD

TIME	12	4	7
WEIGHT	9.9	10.2	9.2
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.	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	RIG SERVICE BOPS.
1/2	WORK ON PUMPS
1/2	PULL PIPE
6 1/2	W/O FISHING TOOL.

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		
26	STANDS DP	1270 FT.	RUN NO	2	3
1	SNGLS. DP	FT.	SIZE	6 1/4	6 1/4
14	D.C ID OD	410.72 FT.	MFG.	SMITH	SMITH
			TYPE	DTJ	DTJ
	RMR BODY OD	FT.	NOZ. NO.	3	2 1
	STB BODY OD	FT.	SIZE	16	16 18
	SUBS OD	FT.	SER NO	44576	44515
	BIT OR C.B.	FT	DEPTH OUT	1567	.
		FT.	CUMULATIVE HOURS RUN	17 1/4	1 1/2
	KELLY DOWN	[illegible] FT.	COND. OF BIT		
	TOTAL	1680 FT.	REAMER CUTTER NO.		
WT OF STRING	32 000 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
1 1/2		1567	1648									

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

1/4	RIG SERVICE
4 1/4	W/O FISHING TOOL AND FISHING
2	TRIP FOR PLUGGED BIT
1 1/2	DRILL 6 1/4 HOLE

MUD RECORD

TIME	4.00			10 00
WEIGHT	8.6			8.9
VISC				
W.L.-C.C.				
FLTR. CK.				
PH	WATER			
SD. CONT				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
WATER.			

C.P.-38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 7 DATE Feb 26

OPERATOR: SHELL CANADA LIMITED

LOCATION LSD. SEC. TWP. RGE. W.: LAT. 60° 59' 18.5"N LONG. 118° 25' 42.4" W.

WELL NAME: Jackfish Lake No. F-60

PROVINCE: N.W.T.

CONTRACTOR: Big Indian RIG No. 55

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

OPERATOR'S REPRESENTATIVE: W.R. Whitaker

CONTRACTOR'S TOOLPUSHER: G. Wellington

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	GD-GXQ-		16
2.			
3.			

CASING & LINER RECORD

SIZE	WT. & GR.	DEPTH SET FROM	DEPTH SET TO	PERFORATIONS FROM	PERFORATIONS TO	CEMENT USED	OTHER
6							

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
DRILLING ACTUAL	6	3½	6½
REAMING			
CIRCULATING			
TRIPS		2	1
DEVIATION SURVEY			¼
TEST B.O.P			½
CUT OFF DRILL LINE		¼	
REPAIR RIG		2¼	
CORING			
WIRE LINE LOGGING	2		
OTHER			
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. 7

DRILLING ASSEMBLY

		FT.
STANDS DP		FT.
SNGLS. DP	5387.0	FT.
D.C. 2 ID OD		FT.
RMR BODY 1½ OD	553.93	FT.
STB BODY OD		FT.
SUBS OD		FT.
BIT OR C.B.	1.75	FT.
		FT.
KELLY DOWN		FT.
TOTAL	8800	FT.
WT. OF STRING	80	LBS.

DRILLER: Ed Brennan 15.00

BIT RECORD

RUN NO.	1
SIZE	6¼
MFG.	Smith
TYPE	DT
NOZ. NO.	3
NOZ. SIZE	16
SER. NO	45515
DEPTH OUT	
CUMULATIVE HOURS RUN	
COND. OF BIT	11 3/4
REAMER CUTTER NO.	
TYPE	

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
6		348	875			all	500	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

12.12.15 Big Serv
12.15 12.45 Drill 6¼ hole 3/4
12.45 1 Change elevators 1/4
1-3 Drill 6¼ hole 2
3 3.15 Change elevators + pickup Kelly saver sub 1/4
3.15 5.30 Drill 6¼ hole 2¼
5.30 6.30 W/on pump.
6.30 8.00 Drill 6¼ hole 1½

MUD RECORD

TIME	2	4	7
WEIGHT	8.5	8.2	8.7
VISC	30	30	30
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

NO. 10

DRILLING ASSEMBLY

		FT.
STANDS DP	60	62 FT.
SNGLS. DP		FT.
D.C. 2" ID 4¾ OD	410	72 FT.
RMR BODY OD		FT.
STB BODY OD		FT.
SUBS OD		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL	1051	35 FT.
WT. OF STRING	1051	LBS.

DRILLER: 19000 L Boonan

BIT RECORD

RUN NO.	1
SIZE	6¼
MFG.	Smith
TYPE	DT
NOZ. NO.	3
NOZ. SIZE	16
SER. NO	44135
DEPTH OUT	1032
CUMULATIVE HOURS RUN	19
COND. OF BIT	0 0 8
REAMER CUTTER NO.	
TYPE	

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
17		875	1052		160	14	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
988	1½							

REMARKS

9.00 Rig Ser ✓ B.O.P.S Survey 8 4.5 3¼
9.45 Drill 6¼ hole 12 1.5 3½
2.45 2 ½
12.15 2.45 Repair For 3" Bit CAMERON VALVE 4.5 1¼
Tally out to 1049.40
Board Tally 1051.85

MUD RECORD

TIME	8.00	12.00	
WEIGHT	9.	8.6	
VISC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
WATER	50 BBL		

EVENING TOUR

NO. 22

DRILLING ASSEMBLY

		FT.
STANDS DP	10	FT.
SNGLS. DP	94.69	FT.
D.C. 2" ID 4¾ OD	410	72 FT.
RMR BODY OD		FT.
STB BODY OD		FT.
SUBS OD		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL	1296	90 FT.
WT. OF STRING	20000	LBS.

DRILLER: L Boonan

BIT RECORD

RUN NO	2
SIZE	6¼
MFG.	Smith
TYPE	DTJ
NOZ. NO.	3
NOZ. SIZE	16
SER NO	44520
DEPTH OUT	
CUMULATIVE HOURS RUN	
COND. OF BIT	
REAMER CUTTER NO.	
TYPE	

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
6½		1052	1385		160	14	700	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION
	1½							

REMARKS

4.00 Rig Ser IN hole ✓ Blind Rams 5.00 1
5.00 Drill 6¼ hole 6.00 1
6.00 Rig Service 6.15 ¼
6.15 11.00 Drill 6¼ hole 11 00 4 3/4
11.00 Survey 11.15 ¼
11.15 Drill 6¼ hole

MUD RECORD

TIME	4.00	8.00	
WEIGHT	8.7		
VISC			
W.L.-C.C.		9 4	
FLTR. CK.			
PH			
SD. CONT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
WATER	70 BBLS.		

C.P.—38 (10/63)

DAILY DRILLING REPORT

REPORT NO. 6 DATE Feb 2

OPERATOR: SHELL CANADA LIMITED

LOCATION LSD. SEC. TWP. RGE. W. — LAT. 60°59' 18.5" N LONG. 118° 25' 42.9" W.

WELL NAME: Snaring Lake. No. F-60

PROVINCE: N.W.T.

CONTRACTOR: Big Indian RIG No. 35

DRILL PIPE STRING NO. SIZE: 3½

TOOL JOINT: 4¾ OD

TYPE THD.: H

OPERATOR'S REPRESENTATIVE: W.R. Adkins

CONTRACTOR'S TOOL PUSHER: G.W. Whittaker

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	G.D.	~~G~~ E×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			3¾
REAMING			
CIRCULATING			
TRIPS			
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER		8	4¼
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	
	STANDS DP	FT.	RUN NO.	
	SNGLS. DP	FT.	SIZE	
	D.C. ID / OD	FT.	MFG. / TYPE	
	RMR BODY OD	FT.	NOZ. NO. / SIZE	
	STB BODY OD	FT.		
	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 Cement.

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 / SIZE	
	STB BODY OD	FT.		
	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 G 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

8:00 Nipple up & pressure test 4:00

Pressure tested all OK — Dale Whittaker (a small leak repaired)

① Blind rams — 15 min at 1000 P.S.I. ⑤ Choke manifold at 1000 P.S.I.

② Pipe rams — 15 " " " " ⑥ Kelly at 1000 P.S.I.

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
12	D.C. 2ND ID 1¾ OD	353.93 FT.	MFG. / TYPE	SMITH DT
	RMR BODY OD	FT.	NOZ. NO.	3
	STB BODY OD	FT.	SIZE	16
	SUBS OD	FT.	SER NO	144515
	BIT OR C.B.	FT.	DEPTH OUT	
		FT.	CUMULATIVE HOURS RUN	5¾
	KELLY DOWN	39.44 FT.	COND. OF BIT	
	TOTAL	388 FT.	REAMER CUTTER NO.	
	WT OF STRING	17000 LBS.	TYPE	

DRILLER G 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		218	388		140	4K	500	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

4:00	Pressure up on pipe & Hi	6:15	2¼
6:15	Drill out cement plug & shoe	8:15	2
8:15	Drill 6¼ hole	12:00	3¾

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. 5 DATE Feb 24/64

OPERATOR	LOCATION LSD. SEC. TWP. RGE. W.	WELL NAME	No.	PROVINCE
SHELL CANADA LIMITED	LAT. 60° 59' 18.5" N LONG. 118° 25' 42.4" W.	FOETUS LAKE	F-60	N.W.T

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

OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER
A. Stegmeier	C.W. Whitten

PUMPS

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

CASING & LINER RECORD

SIZE	WT. & GR.	DEPTH SET FROM	DEPTH SET TO	PERFORATIONS FROM	PERFORATIONS TO
7"	17#-H40				
	5 joints	—	204.17'		
	LANDED AT		215' KB.		
	PLUG DOWN 11.45 AM.				

CEMENT USED	OTHER
80 sacks	7 3/4" CACTS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
DRILLING ACTUAL	5½		
REAMING		0	
CIRCULATING	½		
TRIPS	3½	½	
DEVIATION SURVEY	¼		
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	8		8
FISHING		16	
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.	4A
	SNGLS. DP	FT.	SIZE	9⅞
6	D.C. 2" ID 4¾" OD	179.86 FT.	MFG.	SMITH
	RMR BODY OD	FT.	TYPE	DT
	STB BODY OD	FT.	NOZ. NO.	OPEN
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT.	SER. NO	69894
		FT.	DEPTH OUT	218
	KELLY DOWN	21.93 FT.	CUMULATIVE HOURS RUN	6¼
	TOTAL	219 FT.	COND. OF BIT	
WT. OF STRING		LBS.	REAMER CUTTER NO.	
			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
		159	218		100	ALL	200	6"	52			

DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	159	1½°							

REMARKS

12½	Drill 9⅞ hole	12 3/4
12¾	Rig Svy Survey	1
1	Drill 9⅞ hole	6
6	Circ to cond hole.	6 3/4
6¾	Trip out & Lay Down 6" COLLAR	7 1/2
7½	Run casing	8

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.	
	RMR BODY OD	FT.	TYPE	
	STB BODY OD	FT.	NOZ. NO.	
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT.	SER. NO.	
		FT.	DEPTH OUT	
	KELLY DOWN	FT.	CUMULATIVE HOURS RUN	
	TOTAL	FT.	COND. OF BIT	
WT. OF STRING		LBS.	REAMER CUTTER NO.	
			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

8,830	Rig'd Svy
8,30/10,30	Run CSG
10,30/11	Hook up & circ CSG down
11,11¼	Cement CSG
12,1¼	12 Yds Ready Mix Concrete Batched

½ cemented w 40 sks neat
2 portland cement plus 2% Ca Cl
½ Plug displaced w/ water.
3/4
¼

MUD RECORD

TIME	
WEIGHT	
VISC	
W.L.-C.C.	Run CSG
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.	
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT	SER NO	
		FT.	DEPTH OUT	
	KELLY DOWN	FT.	CUMULATIVE HOURS RUN	
	TOTAL	FT.	COND. OF BIT	
WT OF STRING		LBS.	REAMER CUTTER NO.	
			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

4½	W/O CEMENT & NIPPLES 12½

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 FEB 23/68

OPERATOR: SHELL CANADA LIMITED
LOCATION LSD. SEC. TWP. RGE. W.: LAT. 60° 59' 18.5" N. LONG. 118° 25' 42.4" W.
WELL NAME: SHELL IMP FOOTHILLS No. F-60
PROVINCE: N.W.T.
CONTRACTOR: BIG INDIAN RIG No. 35
DRILL PIPE STRING NO. SIZE / TOOL JOINT OD / TYPE THD.
OPERATOR'S REPRESENTATIVE: W.R. Nelson
CONTRACTOR'S TOOL PUSHER: A. Whittaker

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	GARDNER DENVER	FXQ	14
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 3/4	7	6 3/4
REAMING			
CIRCULATING			
TRIPS			1
DEVIATION SURVEY	1/4		
TEST B.O.P.			
CUT OFF DRILL LINE			
REPAIR RIG	3/4	3/4	
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	8	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	3A
	SNGLS. DP	FT.	SIZE	9 7/8	9 7/8
	D.C. 3 ID OD	88.14 FT.	MFG.	SMITH	SMITH
	RMR BODY OD	FT.	TYPE	DT.	OT
	STB BODY OD	2.78 FT.	NOZ. NO.	OPEN	OPEN
	SUBS OD	FT.	SIZE	CIRC	CIRC
	BIT OR C.B.	FT.	SER. NO	6989	46755
	KELLY DOWN	130.43 FT.	DEPTH OUT	44.	
	TOTAL	97 FT.	CUMULATIVE HOURS RUN	12 3/4	16 3/4
	WT. OF STRING	LBS.	COND. OF BIT	GOOD	
	DRILLER		REAMER CUTTER NO.		
			TYPE		

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
		44	97		160	ALL	200	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
61'	1/2							

REMARKS

12 00	Rig Service. 12 15
12 15	Work on pump 1 00
1 00	Drlg 9 7/8 hole. 4 30.
4 30	Survey @ 61' — 1/2° 4.45
4 45	Drlg 9 7/8 hole. 8 00

MUD RECORD

TIME	12 00	4 00	6 00
WEIGHT	8.5	8.5	8.5
VISC	45	47	44.
W.L.-C.C.	✓		
FLTR. CK.	✓		
PH	9.0	9.0	
SD. CONT.			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	500#		

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD		
	STANDS DP	FT.	RUN NO.	3A	
	SNGLS. DP	FT.	SIZE	9 7/8	
	D.C. 2 ID 6 1/2 OD	FT.	MFG.	Smith	
	RMR BODY OD	FT.	TYPE	DT	
	STB BODY OD	FT.	NOZ. NO	0 Pen	
	SUBS OD	FT.	SER. NO.	67557	8 85
	BIT OR C.B.	FT.	DEPTH OUT	130	8.15.10
	KELLY DOWN	130.43 FT.	CUMULATIVE HOURS RUN	13 3/4	10.10.45
	TOTAL	FT.	COND. OF BIT		10.45.4
	WT. OF STRING	130 LBS.	REAMER CUTTER NO.		
	DRILLER		TYPE		

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		97	130		160	ALL	200	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

	Rig Serv.
	Drill 9 7/8 hole
	w/on Kelly cock.
	Drill 9 7/8 hole

MUD RECORD

TIME	10	2
WEIGHT	8.5	8.5
VISC	44	44
W.L.-C.C.		
FLTR. CK.		
PH	9.0	9.0
SD. CONT.		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

Mist

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD		
	STANDS DP	FT.	RUN NO	3A	4A
	SNGLS. DP	FT.	SIZE	9 7/8	=
	D.C. 2 ID 6 1/2 OD	130.40 FT.	MFG.	SMITH	=
	RMR BODY OD	FT.	TYPE	DT	RR
	STB BODY OD	FT.	NOZ. NO	OPEN	=
	SUBS OD	FT.	SIZE	=	=
	BIT OR C.B.	FT.	SER NO	67557	69954
	KELLY DOWN	159.91 FT.	DEPTH OUT	154	4.05
	TOTAL	FT.	CUMULATIVE HOURS RUN	23	3/4
	WT OF STRING	6000 LBS.	COND. OF BIT	IN	
	DRILLER		REAMER CUTTER NO.		
			TYPE		

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
9 3/4		130	154		140	ALL	250	6"	52			
		154	159		100	ALL	250	6"	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

4 15	Rig Ser	4 30	1/2
5 00	Pull to 9 7/8 shoe Check Bit	5 30	1/2
5 30	Drill 9 7/8 hole	10 45	5 1/4
10 45	Change Bit	11 15	1/2
11 15	Drill 9 7/8 hole	12 00	3/4

MUD RECORD

TIME		
WEIGHT	10 3/4	
VISC	48	
W.L.-C.C.	40	
FLTR. CK.		
PH		
SD. CONT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. 2 DATE FEB 22/68

OPERATOR: SHELL CANADA LIMITED	LOCATION LSD. SEC. TWP. RGE. W.: LAT. 60° 59' 18.5" N. LONG. 118° 25' 42.4" W.	WELL NAME: SHELL IMPERIAL FOETUS LAKE	No.: F-60	PROVINCE: N.W.T.
CONTRACTOR: BIG INDIAN RIG 35	RIG No.: 35	DRILL PIPE STRING NO. SIZE	TOOL JOINT OD / TYPE THD.		
OPERATOR'S REPRESENTATIVE: A. Skijina	CONTRACTOR'S TOOL PUSHER: Ed Whittaker				

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	7¾	15	
REAMING			
CIRCULATING		4	
TRIPS			3¾
DEVIATION SURVEY			
TEST B.O.P			
CUT OFF DRILL LINE			
REPAIR RIG		2	
CORING			4¼
WIRE LINE LOGGING			
OTHER	¼		¼
FISHING		½	B
COMPLETING (A) PERFORATING			
(B) RUNNING TUBING			
(C) SWABBING			
(D) TESTING			
(E) ACIDIZING			
(F) ADDITIONAL			
TOTALS	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	9 7/8
	D.C. ID / OD	FT.	MFG.	RR
	RMR BODY OD	FT.	TYPE	
	STB BODY OD	FT.	NOZ. NO.	OPEN
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT.	SER. NO	69894
		FT.	DEPTH OUT	9½
	KELLY DOWN	43 FT.	CUMULATIVE HOURS RUN	
	TOTAL	24 FT.	COND. OF BIT	
WT. OF STRING		LBS.	REAMER CUTTER NO.	
DRILLER: D. Noonan			TYPE	

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		10'	24'		160	ALL	200	6	52			
24					160	ALL	200	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
¼								
7¾				1				

REMARKS

Rig Service.

DRLG 9⅞ HOLE.

MUD RECORD				
TIME	12			6
WEIGHT	8.8			9.0
VISC	47			40
W.L.-C.C.	✓			✓
FLTR. CK.	✓			✓
PH	✓			✓
SD. CONT.				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Caustic	50#		

DAY TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
	STANDS DP	FT.	RUN NO.	2A
	SNGLS. DP	FT.	SIZE	9 7/8
	D.C. ID / OD	439 FT.	MFG.	RR
	RMR BODY OD	249 FT.	TYPE	
	STB BODY OD	FT.	NOZ. NO.	Open
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT.	SER. NO.	69894
		FT.	DEPTH OUT	
	KELLY DOWN	FT.	CUMULATIVE HOURS RUN	11
	TOTAL	FT.	COND. OF BIT	
WT. OF STRING		LBS.	REAMER CUTTER NO.	
DRILLER: D. Brennan			TYPE	

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
½				Drill			8.3					
				Wash pump			10.		10.30		10.30	
				& Condition Mud.			12.30					

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

REMARKS

1 Work pump 3.00 3.00

Hole sluffing bad.

MUD RECORD				
TIME	9	2		
WEIGHT	8.4	8.4		
VISC	30	42		
W.L.-C.C.				
FLTR. CK.				
PH				
SD. CONT.				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gell	1500		
Caustic	200		

EVENING TOUR

NO.	DRILLING ASSEMBLY		BIT RECORD	
	STANDS DP	FT.	RUN NO	14
	SNGLS. DP	FT.	SIZE	9⅞
	D.C. ID / OD	FT.	MFG.	SMITH
	RMR BODY OD	FT.	TYPE	DR
	STB BODY OD	FT.	NOZ. NO.	OPEN
	SUBS OD	FT.	NOZ. SIZE	
	BIT OR C.B.	FT.	SER NO	69894
		FT.	DEPTH OUT	
	KELLY DOWN	4 391 FT.	CUMULATIVE HOURS RUN	12 3/4
	TOTAL	34 FT.	COND. OF BIT	
WT OF STRING		LBS.	REAMER CUTTER NO	44
DRILLER: D. Bonnar			TYPE	

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
11		34	23¾	44	150		200	6	52			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

4½	Rig Service		
4¾	Work on pump	4¾	5¾
7½	COND mud	7½	1½
9½	work on pump	10½	1
10½	COND mud CANT MAKE DRLG 9⅞ HOLE	10¾	10¾
	10¾		12

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

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1500		
	¼		
	12		

C.P.—38 (10/63) **DAILY DRILLING REPORT** REPORT NO. DATE FEB 21/67

OPERATOR: SHELL CANADA LIMITED	LOCATION LSD. SEC. TWP. RGE. W. Lat. 60° 59' 18.5" N Long. 118° 25' 40.4" W.				WELL NAME: SHELL-IMPERIAL FOETUS LK	No. F-60	PROVINCE: N.W.T.
CONTRACTOR: BIG INDIAN	RIG No. 35	DRILL PIPE STRING NO. SIZE	TOOL JOINT OD / TYPE THD.				
OPERATOR'S REPRESENTATIVE: A. Skyrme	CONTRACTOR'S TOOL PUSHER: A. Whittemore						

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			13¼
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 CD	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			
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

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	1A
	SNGLS. DP	FT.	SIZE	9⅞
	D.C. ID / OD	FT.	MFG.	Smith
			TYPE	OT
	RMR BODY OD	FT.	NOZ. NO.	RR3
	STB BODY OD	FT.	NOZ. SIZE	
	SUBS OD	FT.	SER NO	69894
	BIT OR C.B.	FT	DEPTH OUT	
		FT.	CUMULATIVE HOURS RUN	
	KELLY DOWN	39.51 FT.	COND. OF BIT	
	TOTAL	10 FT.	REAMER CUTTER NO.	
WT OF STRING		LBS.	TYPE	

DRILLER L. Bowman

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
1¾		0	10		150	ULL	300	6"	50			

DEVIATION RECORD:

DEPTH	DEV.	DIRECTION	DEPTH	DEV	DIRECTION	DEPTH	DEV	DIRECTION

REMARKS

10¾ Spud 9⅞ hole 12¾ 1¾

MUD RECORD

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

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.