Drilling Authority No. 555

Date Issued 16-11-71

WELL NAME Decalta et al Gulf Amhess Wrigley I-54

FIELD ..... Area: .....

LOCATION: Unit I Section 54 Grid 63-20-123-45

Latitude 63.13.33 Longitude 123.54.32

U.W.L.R. 63.225 833 -- 123.908889

U.W.I. 300I54632012345O

Rig Release Date: 05-02-72

Status D+A

Information Release Date 05-02-74

CHANGE OF NAME:

DATE RECEIVED	INDEX
09-11-71 K	Application for a Drilling Authority.
	Well Completion Data.
22-01-73 K	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
06-03-72 K	Application to Abandon a Well ~~or Suspend Drilling~~.
	Application to Alter Condition of a Well.
	Well History Supplement.
	Well Completion Data.
	Work-over Report No. .....
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells – Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells – Vitter's Method.
	M.P.R. – Oil – Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
06-12-71 K	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.....

IAND 52-90 (3-69)

DATE RECEIVED

LOGS:

Name	Run No.	Type	Interval
BHC-S	1		
DIL	1		
Well-Hist.	1		

ANALYSES:

Sample	Lab. No.	Formation	Interval

A.O.F. Potential	Formation	Interval	MC.F.D.	Test Date

DRILL STEM TESTS:

No.	Formation	Interval

CANADA

File No.
Drilling Authority No. 555

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well or Suspend Drilling

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

Name and number of well: Decalta et al Gulf Amhess Wrigley I-54

Location: Unit: I Section: 54 Grid: 63-20 123-45

Latitude: 63° 13' 38"N Longitude: 123° 54' 32"W

From Established Reference Marker: -

Universal Well Location Reference: 63.225833°N, 123.908889°W

Permit No. 5516 Lease No. -

Amerada Hess Corporation
Gulf Oil Canada Limited
(Permittee, Licensee, Lessee)

Date of commencement of proposed program: January 31, 1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: -

Gas at: -

Water at: 3990' - 4185'; 4515' - 4860'. Inferred at 923', 1629', 2172', 2251'

Total Depth: 6460' Date of last operations: February 5, 1972

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.	13-3/8	48	61'	61'	60 Permafrost Cement	-
2.	9-5/8	36	550'	550'	260+ 2% $CaCl_2$	-
3.	7	26	2826'	2826'	150+ 3% $CaCl_2$	-
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	6360' - 6460'	Bear Rock	30	
2	3700' - 3800'	Bear Rock	30 + 3% $CaCl_2$	Felt @ 3670'
3	2810' - 2910'	Manetoe	40	Felt @ 2780'
4	Surface		5	

The following logs have been run: BHCS, DIL

Other operations proposed:

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

Address: 14630 - 119 Avenue, Edmonton Address:

Responsible Agent in field: Allan Field

Dated at Calgary, this 23 Day of February 19 72

Signed by: [signature]

Title: Chief Engineer Company

Operator's Exploratory Licence No. 1420

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

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

Dated March 6, 19 72

Oil Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB 28 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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

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

Drilling Authority No. 555

Project No.

File No.

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application for a Drilling Authority

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

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

Name and number of well: Decalta et al Gulf Amhess Wrigley I-54

Location: Unit: I Section: 54 Grid: 63 - 20 — 123 - 45

Latitude: 63° 13' 33" N Longitude: 123° 54' 32" W

Unique Well Identifier: 300I546320123450

Universal Well Location Reference: 63.225833°N 123.908889W

Elevation: Ground: 1360 K.B.: 1375 feet above sea-level.

Well is expected to produce from: Exploratory formation at a depth of about feet. Expected total final depth: 6,000

Area assigned to well: Wildcat

(for Oil Conservation Engineer's use only)

Permit No.: 5516 Lease No.: Acreage: 57,660

Permittee, licensee, or lessee: Gulf Oil Canada Limited and Amerada Hess Corporation

Exploratory Licence No.: 1978 1437

Surface owned by Crown or: Crown

(If alienated submit name and address of owner and occupant.)

Petroleum and natural-gas rights owned by: Crown

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

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. 9-5/8"	36	J-55	New	550	400
2. 13 3/8"	48#	H-40	New	100	95C
3.					
4.					
5.					

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

Well will be drilled with Rotary Rig No. 3 by Guthrie McLaren Drilling Ltd.
(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's Business Licence No. 0991

At well At registered office W. G. Tyler

Address Address 630 - 6th Avenue S.W., Calgary 1

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

Dated at Calgary, this 5th day of November 19 71

Signed by Company Western Decalta Petroleum Limited

Title Chief Engineer Operator's Licence No. 1420

(For Oil and Mineral Division use only)

APPROVED

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

See attached sheet.

Dated Nov. 16 19 71

Oil Conservation Engineer

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

IAND 52-90-1 (3-69)

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO.
FOR _____

1. Copies of this Drilling Authority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.

2. The Company will submit to this office on Tuesday of each week, a Progress Report on the well. The Oil Conservation Engineer may request more frequent reports.

3. All waste materials shall be disposed of in a manner that will prevent pollution to adjacent areas.

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

5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.

6. All shows (small or large) of oil and gas are to be reported immediately.

G. E. Blue

G. E. Blue,
District Conservation Engineer,
Box 1500,
Yellowknife, N.W.T.

Bus. Phone 873-4421
Res. Phone 873-3028

DRILLING PROGRAM

GUTHRIE McLAREN DRILLING LTD.

WELL NAME: Decalta et al Gulf Amhess Wrigley H-54

CO-ORDINATES: 63° 13' 33" N. Lat., 123° 54' 32" W. Long.
(H-54 of 63° 20' N. 123° 45' W.

LOCATION: Shot Point 63 or 64 on line W5

ESTIMATED GROUND ELEVATION: 1360 Feet

ESTIMATED K.B. ELEVATION: 1375 Feet

GEOLOGIC PROGNOSIS:

Formation	Depth KB	Elevation
Devonian Shale	0 feet	plus 1360 feet
Nahanni	1480 feet	minus 105 feet
Headless	2050 feet	minus 675 feet
Manetoc-Arnica	2200 feet	minus 825 feet
Ronning	5400 feet	minus 4025 feet
Total Depth	6000 feet	minus 4625 feet

Ten foot samples are required from surface to total depth.

DRILLING PROGRAM:

1. Drill 22 inch conductor hole dry with bucket to 60 feet and run 13 3/8 inch 48# H-40 ST&C casing specially coated with Shaw Insul 8 plastic coating. Cement with 95 sacks of Haliburton Permafrost cement. Head up after 16 hours and drill out after a minimum of 24 hours.

...2

DRILLING PROGRAM - Continued:

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

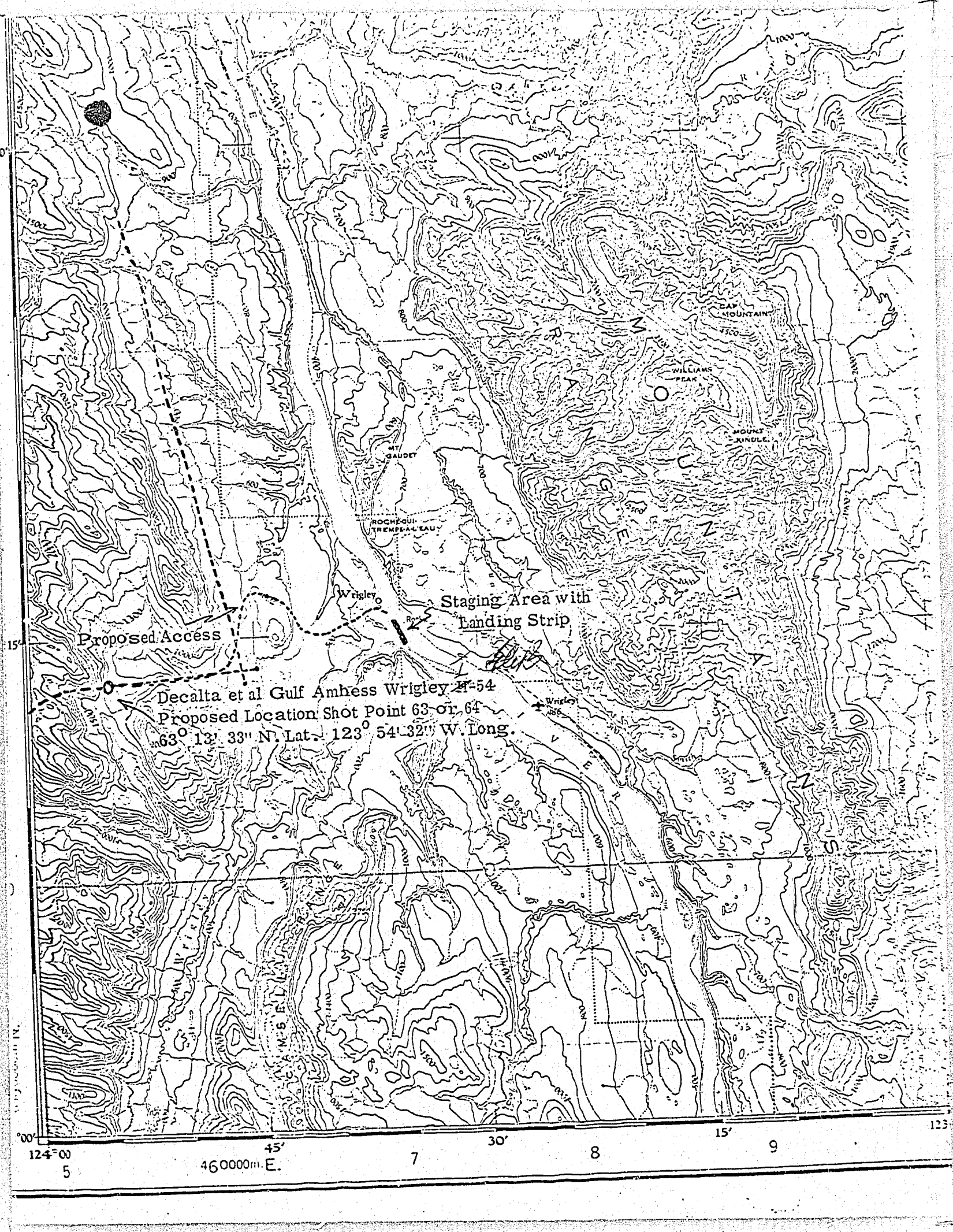
3. Run 600 feet of 9 5/8 inch 36 lb. K-55 ST&C casing equipped with guide shoe, float baffle and two centralizers on the bottom two joints. Cement with 380 sacks Portland cement plus two percent calcium chloride. Ensure cement returns to surface. Allow a minimum of 24 hours WOC prior to drilling out.

4. Drill out with an $8\frac{3}{4}$ inch bit and make 200 feet of hole. Trip and add stabilization equipment as per Appendix II. Deviation is general in the Shale formations. Survey a minimum of every 150 feet. Utilize a low solids Benex mud system below surface and run desilter continuously to ensure mud weights below 8.6 lb/gallon. Note penetration of Hume Limestone equivalent occurs at 1480 feet. Possible reefal development in the Manetoc-Arnica at 2200 feet may require mud weights to 9.2 lb. per gallon. This formation is noted for Anhydrite development.

5. Note complete hole erosion immediately above the Devonian Shale and throughout the Hare Indian Shale. Reduce bit weight to approximately 20,000 through these zones and increase rotary to approximately 90 RPM. Survey every 60 feet. Use caution when making connections immediately below these zones.

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

...3


Staging Area with
Landing Strip
Proposed Access
Decalta et al Gulf Amhess Wrigley H-54
Proposed Location Shot Point 63 or 64
63° 13' 33" N. Lat. - 123° 54' 32" W. Long.
Wrigley
MT. GAUDET
ROCHE QUI TREMBLE AU
CAP MOUNTAIN
WILLIAMS PEAK
MOUNT KINDLE
MACKENZIE MOUNTAINS
124°00
45'
30'
15'
123
460000m. E.
5
7
8
9

19-11-5-28

WELL HISTORY REPORT

Decalta et al Gulf Amhess

Wrigley 1-54

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
JAN 22 1973
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

WELL HISTORY REPORT

ON

DECALTA ET AL GULF AMHESS WRIGLEY I-54

63° 13' 33" North Latitude

123° 54' 32" West Longitude

NORTHWEST TERRITORIES

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB 28 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

James S. McCaffrey

James S. McCaffrey P.Geol.

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WELL HISTORY REPORT

SECTION I - SUMMARY OF WELL DATA

(a) WELL NAME AND NUMBER

DECALTA et al GULF AMHESS WRIGLEY I-54

(b) PERMITTEE — EXPLORATORY LICENSE NO.

Gulf Oil Canada Limited	1978
Amerada Hess Corporation	1437

(c) NAME OF OPERATOR

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

(d) LOCATION

Unit I, Section 54, Grid 63° 20'; 123° 45'
Latitude 63° 13' 33" N, Longitude 123° 54' 32" W
Unique Well Identifier - 3001546320123450
Universal Well Location Reference - 63.225833° N, 123.908889° W

(e) PERMIT NUMBER

5516

(f) DRILLING CONTRACTOR

Guthrie McLaren Drilling Ltd. Rig No. 3 (Rotary)

(g) DRILLING AUTHORITY

No. 555 Date Issued - November 16, 1971

(h) CLASSIFICATION

Wildcat

(i) ELEVATION

Ground Elevation 1360' K.B. Elevation 1373'

(j) DATE SPUDDED

December 6, 1971

(k) DATE COMPLETED DRILLING

January 31, 1972

(l) TOTAL DEPTH AND PLUGGED BACK TOTAL DEPTH

TD 6460'; PBTD Surface

(m) WELL STATUS

Plugged and abandoned

(n) DATE RIG RELEASED

February 5, 1972

(o) HOLE SIZE

Surface	22"	from surface to 61'
	12 1/4"	from 61' to 550'
	8 3/4"	from 550' to 2830'
	6 1/4"	from 2830' to 6460' T. D.

(p) CASING

(Surface) Cemented 9 5/8", 36#, K55 Casing at 550' K. B. with 260 sacks construction cement plus 2% $CaCl_2$ - Good cement returns (10 bbls.)

(Intermediate) Cemented 7", 26#, J-S, Casing at 2826' K. B. with 150 sacks construction cement plus 3% $CaCl_2$ - No cement returns due to lost circulation zone.

SECTION II - GEOLOGICAL SUMMARY

(a) FORMATION TOPS

K. B. 1373'

Formation	E-Log Depth	Subsea Depth	Sample Depth
Canol Fm.	341	(+1032)	340
Lower Keg Scarp Fm.	552	(+ 821)	550
Hare Indian Fm.	675	(+ 698)	680
Nahanni Fm.	1257	(+ 116)	1240
Headless Fm.	1868	(- 495)	--
Landry Fm.	2080	(- 707)	--
Fault (Base Landry Fm. to Headless Fm.)	2315	(- 942)	--
Landry Fm.	2432	(-1059)	--
Manetoe- Arnica Fms.	2585	(-1212)	2590
Bear Rock Fm.	3740	(-2367)	3740
Total Depth	6463	(-5090)	6460

DECALTA ET AL GULF AMHESS WRIGLEY I-54

63° 13' 33" North Latitude
123° 54' 32" West Longitude

NORTHWEST TERRITORIES

CANADA

SAMPLE DESCRIPTIONS

110' - 6460' T.D.

DECALTA ET AL GULF AMHESS WRIGLEY I-54

63° 13' 33" North Latitude

123° 54' 32" West Longitude

K.B. = 1373'

Sample Study Begins at 110'

Surface - 60	No samples - boulders reported
60 - 110	No samples
110 - 140	Shale - grey, micromicaceous; very poor samples - mostly cavings;
140 - 250	Gravel and coarse grained sand (quartz, quartzite and feldspar), and Shale - grey, micromicaceous; samples unreliable - shale shaker by-passed - added lost circulation material.
Note:	Starting @ 250' samples were caught from shale shaker.
250 - 300	Shale - grey to dark grey;
300 - 330	Shale - as above, trace pyrite;
330 - 340	Shale - as above; trace Siltstone - light brown to greyish brown, dolomitic, pyritic; trace pyrite;

CANOL FM. 341' (+1032)

340 - 350	Shale - dark grey to dark brownish grey, partly bituminous, brown streak; trace Anhydrite - dark greyish brown, slightly dolomitic, fine to microcrystalline, (crushes to a white powder); trace Chert - dark grey;
350 - 360	Shale - dark grey to dark brownish grey, bituminous, dark brown streak, disseminated pyrite; trace Chert - dark grey; trace pyrite;
360 - 380	Shale - as above, micromicaceous in part; trace Chert and pyrite;

380 - 390	Shale - dark grey to dark brownish grey, bituminous, brown streak, micromicaceous, disseminated pyrite, siliceous, hard, partly with white to buff calcareous specks and patches; rare Chert - dark grey, partly speckled; trace pyrite;
390 - 400	Shale - as above, trace calcareous specks and patches; trace pyrite;
400 - 450	Shale - dark grey to dark brownish grey, bituminous, brown streak, micromicaceous, disseminated pyrite, siliceous in part, scattered cherty speckled stringers, trace Chert - dark grey to dark greyish brown, partly speckled, partly pyritic; trace pyrite;
450 - 470	Shale - dark grey to dark brownish grey, bituminous, brown streak, micromicaceous, disseminated pyrite, partly siliceous, trace speckled, slightly calcareous in part; - rare Chert and cherty Shale - as above;
470 - 540	Shale - as above; trace pyrite;
540 - 550	Shale - dark brownish grey, micromicaceous, bituminous, brown streak, partly calcareous; trace Shale - dark grey to dark brownish grey, calcareous, fossiliferous; trace pyrite; rare Limestone - as below;

LOWER KEE SCARP FM. 552' (+821)

550 - 570	Shale - grey to greyish brown, calcareous; trace Limestone - light to dark greyish brown, micrograined, argillaceous, tight;
570 - 580	Shale - dark greyish brown, micromicaceous, calcareous, partly bituminous, dark brown streak;
580 - 630	Shale - dark grey to dark brownish grey, micromicaceous, calcareous; trace Limestone - as above; (trace cement cavings) (Note: Poor returns @ 600' and 610').
630 - 640	Shale - medium to dark greyish brown, calcareous, slightly fossiliferous; trace Limestone - brownish grey, micrograined, argillaceous, tight;
640 - 650	No returns
650 - 680	Shale - limy in part; and minor Limestone - as above; (very poor returns);

HARE INDIAN FM. 675' (+698)

680 - 690	As above; and Shale - grey, micromicaceous, calcareous; (very poor returns);
690 - 870	Shale - grey to brownish grey, micromicaceous, calcareous; (poor returns @ 700', 780', 790', 810' and 860');

Note: lost circulation @ 870'

870 - 910	No returns - (drilling with water to 890')
910 - 920	(?) Shale - as above; (Note: mixing lost circulation material @ 920')
920 - 930	No sample (mud flowing over shaker - carried sample into the sump).
930 - 980	Shale - grey to dark grey, slightly calcareous, micromicaceous;
980 - 1140	Shale - grey to brownish grey, micromicaceous;
1140 - 1180	Shale - medium to dark brownish grey, micromicaceous;
1180 - 1190	Shale - as above, slightly calcareous; and minor Shale - as below;
1190 - 1220	Shale - dark grey to dark brownish grey, bituminous, brown streak, disseminated pyrite, slightly calcareous; trace pyrite;
1220 - 1240	As above, partly calcareous, (in part with white calcareous specks and patches); trace calcite (fracture cement);

NAHANNI FM. 1257' (+116)

1240 - 1250	Shale – dark grey to dark brownish grey, bituminous, brown streak, disseminated pyrite, calcareous to limy in part, (scattered white calcareous specks and patches); and minor Limestone = medium to dark greyish brown, cryptograined to micrograined, partly argillaceous, partly chalky, tight; trace white calcite (fracture cement); trace pyrite;
1250 - 1290	Limestone – dark to medium greyish brown, cryptograined to micrograined, partly chalky, tight; trace calcite – as above;
1290 - 1300	As above; rare calcite rhombs;
1300 - 1310	As above; rare intercrystalline porosity, no stain; rare calcite rhombs; trace gypsum (selenite) white to clear;
	(Note: 3' drilling break @ 1308-1311, trace porosity, no oil stain).
1310 - 1320	Limestone – dark to medium greyish brown, cryptograined to micrograined, partly chalky, scattered very small quartz crystals, tight; trace calcite – white to cream, crystalline (fracture cement);
1320 - 1390	Limestone – dark to medium greyish brown, cryptograined to micrograined, partly chalky, tight; trace calcite – as above;
1390 - 1410	Limestone – as above, scattered very small quartz crystals; trace calcite – white to clear, crystalline (fracture cement);
1410 - 1430	Limestone – dark to medium greyish brown, cryptograined to micrograined, tight;
1430 - 1440	As above; trace Siltstone – as below;
1440 - 1450	Siltstone – medium to dark greyish brown, dolomitic, no oil stain; and minor Limestone – dark to medium greyish brown, cryptograined to micrograined, scattered very small quartz crystals, tight; trace calcite;
1450 - 1460	Limestone – as above; and minor Siltstone – as above; trace calcite – as above;
1460 - 1470	Siltstone – as above; rare quartz crystals; rare calcite rhombs; trace calcite – as above;
1470 - 1500	Siltstone – light to dark brownish grey, dolomitic; and Limestone – as above; trace calcite – white (fracture cement); rare quartz crystals;

1500 - 1540	Limestone - dark to medium greyish brown, cryptograined to micrograined, slightly argillaceous, tight; - abundant Shale cavings -
1540 - 1550	Limestone - cream to buff, micrograined, silty, dolomitic, tight;
1550 - 1560	Shale - dark to medium brownish grey, limy, disseminated pyrite; and Limestone - medium to dark brownish grey, partly light brown, cryptograined to micrograined, silty, disseminated pyrite, tight;
1560 - 1570	Limestone - dark brownish grey, micrograined, argillaceous, slightly silty, tight; and Limestone - light greyish brown to buff, micrograined, slightly silty, tight; and Shale - dark brownish grey, calcareous;
1570 - 1590	Limestone - dark brownish grey, as above; and Shale - as above;
1590 - 1600	As above; and Siltstone - brown to brownish grey, calcareous; and Limestone - greyish brown, micrograined, silty, tight; trace calcite - white, crystalline (fracture cement)
1600 - 1620	Limestone - medium to dark greyish brown, partly light brown cryptograined to micrograined, silty, slightly argillaceous, tight;
1620 - 1629	Siltstone - dark greyish brown, calcareous, no oil stain; and minor Limestone - as above with scattered very small quartz crystals; trace calcite - white crystalline (fracture cement);

(Note: 10% of sample is white calcite)

Note: lost circulation @ 1629'

1629 - 1660	(Cavings) Siltstone - light brown to dark brownish grey, no oil stain, tight; trace white to clear calcite; trace clear quartz; trace quartz crystals;
1660 - 1710	(Cavings) Shale - medium to dark grey, partly brownish grey, partly calcareous, partly micromicaceous; trace Siltstone as above; trace Limstone - dark greyish brown, micrograined, tight; trace clear quartz and quartz crystals; trace white calcite and calcite crystals;
1710 - 1730	(Cavings) Shale - as above, partly dark grey to dark to dark brownish grey, bituminous, brown streak; trace Siltstone - as above; trace Limestone - as above, partly greyish brown, with very fine quartz crystals; trace white calcite ; trace clear quartz;
1730 - 1790	(Cavings) As above , - no bituminous shale;
1790 - 1830	(Cavings) Shale - medium to dark grey, partly brownish grey, partly calcareous, partly micromicaceous; trace Siltstone - as above, trace Limestone - dark greyish brown, micrograined, tight; trace white calcite and calcite crystals;

HEADLESS FM. 1868' (-495)

1830 - 2000	(Cavings) Shale - as above; rare Limestone - as above;
2000 - 2020	(Cavings) Shale - medium to dark grey, partly brownish grey, partly dark greyish brown, bituminous, brown streak, partly micromicaceous; and Siltstone - brownish grey to dark brownish-grey, siliceous, slightly dolomitic, slightly argillaceous, no oil stain; trace Limestone - dark brownish grey, micrograined, argillaceous, tight; trace white calcite; trace clear quartz;
2020 - 2050	(Cavings) Shale - as above; trace Siltstone and Limestone as above;
2050 - 2072	(Cavings) Shale - as above; trace Siltstone - as above; trace white calcite;

Note - started air drilling at 2072' (aerated water and mud)

LANDRY FM. 2080' (-707)

2072 - 2110	Limestone - dark to medium greyish brown, cryptograined to micrograined, partly pelletoidal, slightly dolomitic, tight; (trace cement from plugs), abundant cavings;
2110 - 2190	Limestone - as above, partly light brown, cryptograined, tight; scattered hairline fractures infilled with white calcite; trace white calcite;
2190 - 2210	Limestone - light to medium greyish brown, crypto grained to micrograined, partly pelletoidal, slightly dolomitic, slightly siliceous, scattered very fine quartz crystals, tight; and minor white calcite (10 - 20% of sample):

Note:
- 8' drilling break over interval 2209 - 2217
- Lost an estimated 200 barrels drilling fluid over interval 2190 - 2220', (water truck unable to keep up to fluid loss)
- Continued drilling until rig ran out of water @ 2251';

2210 - 2220	Limestone - dark to medium brownish grey, partly dark grey, micrograined, pelletoidal, slightly siliceous, scattered very fine quartz crystals, tight; and white calcite (50% of sample); trace clear quartz; trace calcite crystals; rare pyrite;
2220 - 2230	Limestone - as above, slightly pyritic scattered hairline fractures infilled with white calcite, tight; trace white calcite (10% sample);
2230 - 2240	As above; trace white calcite;
2240 - 2250	Limestone - medium to light greyish brown, micrograined, pelletoidal, scattered hairline fractures infilled with white calcite, tight; trace white calcite;

Note: Started air drilling with stiff foam @ 2251'
(samples were lagged 3 minutes per 100')

2250 - 2260	As above; (very poor returns).
2260 - 2370	No returns.

FAULT - FROM BASE LANDRY FM. TO HEADLESS FM. 2315' (-942)

2370 - 2380	Limestone - medium to dark brownish grey, micrograined, slightly dolomitic, tight; (poor sample - poor returns - abundant Shale cavings).
2380 - 2410	No returns

LANDRY FM. 2432' (-1059)

2410 - 2480	(Dust) Limestone - as above; trace calcite - white;
2480 - 2500	Cavings (mostly coarse Shale, Siltstone and Limestone cavings) and Limestone - as above;
2500 - 2510	Cavings;
2510 - 2560	(Dust) Shale, minor Siltstone and Limestone cavings and Limestone - as above; trace quartz crystals and calcite rhombs.
2560 - 2580	No samples - trip;
2580 - 2590	(Dust) Limestone - as above; (very poor returns)

MANETOE - ARNICA FMS. 2585' (-1212)

2590 - 2600	As above; trace Dolomite - as below (very poor returns)
2600 - 2610	(Dust) Dolomite - light brown to buff, micrograined, no oil stain, no visible porosity, no Anhydrite; (very poor returns).
2610 - 2700	(Dust) Dolomite - as above;
2700 - 2740	No returns;
2740 - 2830	(Dust) Dolomite - as above; (very poor returns);

Note: Ran intermediate casing to 2826' K.B.

2830 - 2880	No samples (no cuttings over shale shaker)

2880 – 2890	Dolomite - greyish brown to light brown, microcrystalline to very fine crystalline, finely veined with white dolomite, tight; and minor Dolomite - dark to medium greyish brown, fine to medium crystalline, reefal (?) appearance, highly veined with white dolomite, no visible porosity; trace white coarse crystalline dolomite fracture cement (10% sample);
2890–2910	Dolomite - light brown to greyish brown, partly dark greyish brown, microcrystalline to very fine crystalline, partly veined with white dolomite, tight; trace fine to medium crystalline dolomite - as above; trace white dolomite (fracture cement) - as above;
2910 – 2920	Dolomite - greyish brown to dark greyish brown, microcrystalline to very fine crystalline, partly fine crystalline, tight;
2920 – 2930	Dolomite - dark to medium greyish brown, microcrystalline to very fine crystalline, tight; trace white dolomite (fracture cement) - as above;
2930 – 2950	Dolomite - dark to medium greyish brown, partly light brown, microcrystalline to very fine crystalline, no oil stain, finely veined with white dolomite, tight; trace white dolomite (fracture cement) as above;
2950 – 2960	Dolomite - greyish brown to light brown, partly dark brownish grey, microcrystalline to very fine crystalline, no oil stain, finely veined with white dolomite, tight; trace dolomite - as below; trace white dolomite (fracture cement); trace pyrite;
2960 – 2980	Dolomite - greyish brown to dark brownish grey, fine to medium crystalline, reefal (?) appearance, highly veined with white dolomite, scattered pyrobitumen, no oil stain, no visible porosity; and white dolomite fracture cement (30% of sample), white, coarse crystalline, tight;
2980 – 2990	Dolomite - as above; and white dolomite fracture cement (30% of sample) rare clear gypsum crystals (selenite);
2990 – 3000	Dolomite - medium to dark greyish brown, fine to medium crystalline - asabove; and white dolomite fracture cement (40% of sample);
3000 – 3010	Dolomite - dark to medium brownish grey, medium to fine crystalline, highly veined with white dolomite, scattered pyrobitumen, no oil stain, tight; and white dolomite fracture cement (30% of sample); rare clear gypsum crystals (selenite);
3010 – 3020	Dolomite - dark to medium greyish brown, very fine to microcrystalline, partly fine crystalline, slightly veined with white dolomite, tight; trace white dolomite (fracture cement);

3020 – 3040	Dolomite - as above; partly light greyish brown; trace white dolomite (fracture cement);
3040 – 3050	Dolomite - as above; and Dolomite - light brown to greyish brown, medium to very fine crystalline, partly veined with white dolomite, tight; trace white dolomite (fracture cement);
3050 – 3070	Dolomite - medium to dark greyish brown, very fine to micro-crystalline, tight;
3070 – 3080	Dolomite - as above; and minor Dolomite - buff to light brown, medium to fine crystalline, clean, tight; and minor Dolomite - dark to medium brownish grey, medium to fine crystalline, highly veined with white dolomite, tight; and minor white dolomite fracture cement (10% of sample);
3080 – 3100	Dolomite - dark to medium greyish brown, very fine to micro-crystalline, slightly pyrobituminous, tight;
3100 – 3110	Dolomite - as above; and minor Dolomite - as below; trace white dolomite (fracture cement);
3110 – 3120	Dolomite - medium to dark greyish brown, medium to fine crystalline, slightly pyrobituminous , highly veined with white dolomite, tight; and minor white dolomite fracture cement (10% of sample).
3120 – 3130	Dolomite - dark to medium greyish brown, very fine to micro-crystalline, partly veined with white dolomite, slightly pyro-bituminous, tight; trace white dolomite (fracture cement);
3130 – 3140	Dolomite - buff to light brown, partly greyish brown, medium to fine crystalline, slightly bituminous, highly veined with white dolomite, tight; and minor white dolomite fracture cement (30% of sample); white, coarse crystalline, tight;
3140 – 3150	Dolomite - light brown to greyish brown, partly dark greyish brown, medium to fine crystalline, highly veined with white dolomite, tight; and white dolomite fracture cement (40% of sample);
3150 – 3160	Dolomite - as above; and white dolomite fracture cement (50% of sample);
3160 – 3180	Dolomite - light grey to greyish brown, partly dark brownish grey, medium to fine crystalline, highly veined with white dolomite scattered pyrobitumen, tight; and white dolomite fractured cement (30%);

3180 - 3190	Dolomite - light brown - as above; and minor Dolomite - as below; and minor white dolomite fracture cement (20% of sample);
3190 - 3200	Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight;
3200 - 3220	Dolomite - light brown to greyish brown, partly dark greyish brown, very fine to microcrystalline, slightly veined with white dolomite, slightly anhydritic, tight; trace white dolomite (fracture cement);
3220 - 3230	Dolomite - buff to light brown, very fine to microcrystalline, tight; and minor Dolomite - as above;
3230 - 3240	As above slightly pyrobituminous, more dark to medium greyish brown Dolomite (40% of sample);
3240 - 3250	Dolomite - dark to medium greyish brown, fine to microcrystalline, partly veined with white dolomite, slightly pyrobituminous, trace white dolomite (fracture cement);
3250 - 3260	Dolomite - dark to medium greyish brown, partly buff to light brown, medium to fine crystalline, partly veined with white dolomite, tight; trace white dolomite fracture cement;
3260 - 3270	Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight; and minor Dolomite - as above; trace white dolomite fracture cement;
3270 - 3280	Dolomite - dark to medium greyish brown, partly light brown, very fine to microcrystalline, tight;
3280 - 3290	Dolomite - light brown, medium to fine crystalline, in part finely veined with white dolomite, tight; and minor Dolomite - as above;
3290 - 3300	No sample - trip;
3300 - 3320	Dolomite - medium to dark greyish brown, partly light brown, very fine to microcrystalline, tight;
3320 - 3340	Dolomite - buff to light brown, medium to coarse crystalline, tight; and minor Dolomite - greyish brown, fine to medium crystalline, tight; trace white dolomite fracture cement;
3340 - 3350	Dolomite - medium to light greyish brown, partly dark greyish brown medium to fine crystalline, partly coarse crystalline, partly veined with white dolomite, tight; and minor white dolomite fracture cement (20% of sample)

3350 - 3360	Dolomite – buff to light brown, medium to fine crystalline, no oil stain, rare intercrystalline porosity, (3%) (in a few chips only); and Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight;
3360 - 3370	Dolomite – dark to medium greyish brown, very fine to microcrystalline, tight; and minor Dolomite - greyish brown to light brown, medium to fine crystalline, partly veined with white dolomite, scattered pyrobitumen, tight; trace white dolomite fracture cement;
3370 - 3380	Dolomite – light brown to greyish brown, medium to fine crystalline, no oil stain, rare intercrystalline porosity (3%), (in a few chips only);
3380 - 3400	Dolomite – dark to medium greyish brown, very fine to microcrystalline, tight;
3400 - 3420	Dolomite – as above; and Dolomite – dark to medium greyish brown, partly light brown, medium to fine crystalline, tight;
3420 - 3430	Dolomite – dark to medium greyish brown, very fine to microcrystalline, tight;
3430 - 3450	Dolomite – as above; partly light brown;
3450 - 3460	Dolomite – dark to medium greyish brown, partly dark grey, very fine to microcrystalline, tight;
3460 - 3490	Dolomite – as above, partly light brown;
3490 - 3500	As above – (poor sample)
3500 - 3510	No sample - (new sample catcher – error)
3510 - 3520	Dolomite – light brown to buff, very fine to microcrystalline, no oil stain or cut, trace poor vugular porosity (3%), in part lined with small dolomite rhombs;
3520 - 3540	Dolomite – dark to medium greyish brown, partly light brown, very fine to microcrystalline, slightly silty, no oil stain or cut, tight; (minor cavings);
3540 - 3550	Dolomite – buff to light brown, microcrystalline, clean, slightly silty, tight;
3550 - 3570	Dolomite – dark to medium greyish brown, microcrystalline, partly very fine crystalline, tight;

3570 - 3580	Dolomite - dark to medium greyish brown, very fine to microcrystalline, nearly sucrosic in part, slightly silty, no oil stain or cut, trace poor intercrystalline porosity (3%);
3580 - 3590	As above; and minor Dolomite - light brown to light greyish brown, microcrystalline, clean, tight;
3590 - 3600	Dolomite - light greyish brown to light brown, partly buff, very fine to microcrystalline, nearly sucrosic in part, slightly silty, no oil stain or cut, trace poor intercrystalline porosity (3%); and minor Dolomite - dark to medium greyish brown, very fine microcrystalline, tight;
3600 - 3610	Dolomite - light brown to buff, microcrystalline, clean, tight;
3610 - 3620	Dolomite - medium to dark greyish brown, very fine to microcrystalline, nearly sucrosic in part, no oil stain or cut, trace poor intercrystalline porosity (3%);
3620 - 3630	As above; and minor Dolomite - light brown to buff, very fine microcrystalline, clean, tight;
3630 - 3640	Dolomite - dark to medium greyish brown, very fine to micro crystalline, tight;
3640 - 3660	Dolomite - greyish brown, partly dark greyish brown, partly mottled, very fine to microcrystalline, tight; and minor Dolomite - light brown to light greyish brown, microcrystalline, tight;
3660 - 3670	Dolomite - light brown to buff, partly greyish brown, microcrystalline, clean, tight; and minor Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight;
3670 - 3680	Dolomite - light brown to buff, microcrystalline to fine crystalline, clean, tight; and minor Dolomite - dark to medium greyish brown - as above;
3680 - 3690	Dolomite - light brown to buff - as above, trace poor intercrystalline porosity (3%); and minor Dolomite - dark to medium greyish brown - as above;
3690 - 3710	As above - no porosity, rare pyrite;
3710 - 3740	Dolomite - light brown to buff, partly greyish brown, microcrystalline, to very fine crystalline, clean, tight; rare fractures infilled with white dolomite; rare pyrite;

BEAR ROCK FM. 3740' (-2367)

3740 – 3750	As above; (strong odor of sulphur when sample heated);
3750 – 3760	Dolomite – as above; and Dolomite – dark greyish brown to greyish brown, microcrystalline, tight; trace Anhydrite – buff to light brown, partly white, very fine to microcrystalline; (Note: sample emitted a strong sulphurous odor when heated);
3760 – 3780	As above, anhydritic; and minor Anhydrite – as above; trace small closed fractures;
3780 – 3790	Dolomite – light brown to buff, microcrystalline, anhydritic, tight; trace Anhydrite – as above; trace small fractures; (Note – sample emitted a strong sulphurous odor when heated);
3790 – 3800	No sample – trip;
3800 – 3810	Dolomite – greyish brown to light brown, microcrystalline, slightly anhydritic, tight; rare small closed fractures infilled with white dolomite (in part with white crystalline Anhydrite);
3810 – 3820	Dolomite – dark greyish brown to greyish brown, very fine to microcrystalline, slightly anhydritic, tight; rare small fractures infilled with white crystalline Anhydrite and white Dolomite;
3820 – 3830	Dolomite – light greyish brown to light brown, microcrystalline, slightly anhydritic, tight; trace small fractures infilled with white crystalline Anhydrite, white Dolomite, and native sulphur; trace Anhydrite – white, very fine crystalline; trace native sulphur – light greenish yellow, microcrystalline; (Note – sample emitted a strong sulphurous odor when heated).
3830 – 3840	Dolomite – greyish brown to light brown, microcrystalline, partly anhydritic, tight; and minor Anhydrite – light brown to buff partly white, very fine to microcrystalline, rare small fractures infilled with white crystalline Anhydrite, white Dolomite and native sulphur; (Note – sample emitted a strong sulphurous odor when heated).
3840 – 3850	Dolomite – dark greyish brown to greyish brown, partly light brown, microcrystalline, partly anhydritic, tight; and minor Anhydrite) – as above; scattered fractures – as above; (Not e – sample emitted a strong sulphurous odor when heated).
3850 – 3860	Dolomite – as above, partly light grey, with disseminated pyrite; trace Anhydrite – as above; rare small fractures infilled with white crystalline Anhydrite and white crystalline Dolomite;

3860 - 3880	Dolomite - greyish brown to light brown, microcrystalline, tight; trace Anhydrite - as above;
3880 - 3890	Dolomite - medium to dark greyish brown, partly light brown, microcrystalline, tight; and minor Anhydrite white, very fine to microcrystalline; (strong sulphurous odor when heated);
3890 - 3900	Dolomite - as above; and Dolomite - greyish brown to light brown - as above; and minor white Anhydrite - as above;
3900 - 3970	Anhydrite - buff to light brown, partly white, very fine to microcrystalline; and Dolomite - greyish brown to dark greyish brown - as above;
3970 - 3980	Dolomite - medium to dark greyish brown, partly light brown, microcrystalline, partly anhydritic, (sulphurous odor when heated), tight; and Anhydrite - buff to light brown, partly white, very fine to microcrystalline, scattered fine fractures.
3980 - 3990	Dolomite - light brown to light greyish brown, microcrystalline, slightly anhydritic, trace poor vugular porosity (3%), no oil cut or stain, trace pyrobitumen.
3990 - 4010	Dolomite - medium to dark greyish brown, microcrystalline, slightly anhydritic, tight; and Dolomite - as above; trace Anhydrite - white to light brown, very fine to microcrystalline;
4010 - 4020	Dolomite - light brown to greyish brown, very fine to microcrystalline, slightly anhydritic, trace poor vugular porosity (3%), no oil stain or cut;
4020 - 4030	Dolomite - medium to dark greyish brown, partly light brown, microcrystalline, partly anhydritic, tight; and Anhydrite (40%) buff to light brown, partly white, very fine to microcrystalline;
4030 - 4050	As above; 70% Dolomite, 30% Anhydrite;
4050 - 4070	Dolomite - as above; trace Anhydrite;
4070 - 4080	Dolomite - light brown, partly medium to dark greyish brown, very fine to microcrystalline, scattered poor vugular porosity (3 - 6%), no oil stain or cut;

4080 - 4090	Dolomite - as above, tight;
4090 - 4110	Dolomite - as above, trace vugular porosity (3-6%) in a few chips only, no oil stain or cut;
4110 - 4120	Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight; and minor Dolomite - as above, tight;
4120 - 4150	Dolomite - buff to light brown, very fine to microcrystalline, trace poor vugular porosity (3%), no oil stain or cut; and minor Dolomite - dark to medium greyish brown - as above; trace small fractures infilled with white dolomite.
4150 - 4160	Dolomite - buff to light greyish brown, very fine to microcrystalline, clean, tight; and Dolomite - dark greyish brown to greyish brown, very fine to microcrystalline, slightly bituminous rare vugular porosity (3%), no oil stain or cut; rare leached fossil fragments;
4160 - 4180	As above, no porosity;
4180 - 4190	Dolomite - as above, tight; and Dolomite - dark greyish brown, very fine to microcrystalline, as below.
4190 - 4340	Dolomite - dark grey to dark brownish grey, very fine to microcrystalline, slightly bituminous, tight; trace fractures infilled with white dolomite and anhydrite and gypsum; rare leached fossils (crinoids?); trace white crystalline dolomite, white very fine to microcrystalline anhydrite and white to clear gypsum crystals (selenite) *rare white calcite;
4340 - 4380	Dolomite - as above; trace fractures infilled with calcite and dolomite, trace white crystalline dolomite and white to clear gypsum crystals (selenite)*
4380 - 4430	Dolomite - very dark brownish grey to very dark grey, very fine to microcrystalline, scattered leached fossil fragments (crinoids?), slightly bituminous, tight; trace small fractures infilled with white calcite or white dolomite; trace white crystalline calcite, white crystalline dolomite, and white to clear gypsum crystals,*

* The gypsum (selenite) crystals described above may possibly be Anhydrite crystals.

4430 - 4450	Dolomite - as above, partly brownish grey; trace white crystalline dolomite and white to clear gypsum crystals*; rare white crystalline calcite;
4450 - 4490	Dolomite - very dark brownish grey to very dark grey, very fine to microcrystalline, slightly bituminous, tight; trace small fractures infilled with white Dolomite and Anhydrite; trace white crystalline dolomite, white to clear gypsum crystals,* and white very fine to microcrystalline Anhydrite;
4490 - 4500	As above; and minor Dolomite - light greyish brown, very fine to microcrystalline, tight;
4500 - 4510	As above, 40% of sample light greyish brown Dolomite;
4510 - 4540	Dolomite - light greyish brown to greyish brown - as above; and minor Dolomite - very dark brownish grey to very dark grey - as above; trace white crystalline Dolomite and white to clear crystalline gypsum (and gypsum crystals)*; Trace Anhydrite - white, very fine to microcrystalline;
4540 - 4550	Dolomite - very dark brownish grey to very dark grey - as above, highly fractured, no visible porosity, cemented with white crystalline gypsum (and gypsum crystals)* 50% of sample;
4550 - 4560	As above, 70% of sample consists of white crystalline gypsum and and gypsum crystals;*
4560 - 4580	Dolomite - very dark brownish grey, as above; and Dolomite light to medium greyish brown, as above, partly brecciated (matrix consists of buff, chalky to microcrystalline, anhydritic Dolomite), highly fractured, no visible porosity, cemented with white crystalline gypsum and gypsum crystals * (40% of sample @ 4570, 20% of sample @ 4580);
4580 - 4590	Dolomite - medium to dark greyish brown, very fine to microcrystalline, tight, partly brecciated (matrix consists of buff, chalky to microcrystalline, anhydritic Dolomite), highly fractured - as above; - 20% of sample consists of gypsum fracture cement - as above;*
4590 - 4610	Dolomite - medium to dark greyish brown - as above, rare vugular porosity (3%); and minor Dolomite - medium to light greyish brown - as above; - 30% of sample consists of gypsum fracture cement - as above; *

* The gypsum and gypsum crystals (selenite) described above may possibly be Anhydrite and Anhydrite crystals.

4610 - 4620	Dolomite - dark greyish brown to greyish brown, very fine to microcrystalline, rare leached fossil fragments, tight; trace small fractures infilled with Dolomite, Anhydrite and gypsum; * Trace white crystalline Dolomite, white, very fine to microcrystalline Anhydrite, and white to clear crystalline gypsum and gypsum crystals; *
4620 - 4640	Dolomite - as above, rare vugular porosity (3%); rare white Dolomite, Anhydrite and gypsum*- as above;
4640 - 4660	Dolomite - as above, tight; rare white Dolomite, Anhydrite, and gypsum * - as above;
4660 - 4670	As above; trace Anhydrite - white, very fine to microcrystalline (fracture cement), partly light brown to buff, microcrystalline, bedded;
4670 - 4680	Dolomite - as above, tight; and minor Anhydrite - as above;
4680 - 4710	Anhydrite - white to clear, microcrystalline to fine crystalline (fracture cement), partly light brown to buff, microcrystalline, bedded; and minor Dolomite - brown to greyish brown, very fine to microcrystalline, anhydritic, tight; trace native sulphur @ 4700';
4710 - 4720	Dolomite - dark greyish brown to greyish brown, very fine to microcrystalline, tight; trace white Anhydrite - as above;
4720 - 4730	Anhydrite - light brown to light greyish brown, microcrystalline, and minor Dolomite - as above;
4730 - 4750	Anhydrite - white to clear, fine to very fine crystalline, (fracture cement); and minor Dolomite - as above, partly brown;
4750 - 4760	Dolomite - dark greyish brown to greyish brown, partly brown, microcrystalline, tight; and minor Anhydrite - as above;
4760 - 4770	Anhydrite - light brown to cream, microcrystalline, bedded; and Dolomite - light brown, microcrystalline, anhydritic, tight;
4770 - 4780	No sample - trip
4780 - 4800	Dolomite - dark to medium brownish grey, microcrystalline, tight;
4800 - 4810	Dolomite - as above, partly light brown; and minor Anhydrite - white, very fine to microcrystalline (fracture cement);

* The "gypsum" and "gypsum crystals" (selenite)described above may in fact be Anhydrite and Anhydrite crystals.

4810 - 4820	Anhydrite - as above; and minor Dolomite - greyish brown to light brown, microcrystalline, tight;
4820 - 4830	Dolomite - dark to medium brownish grey, very fine to microcrystalline, tight; and minor Anhydrite - as above;
4830 - 4840	Dolomite - as above; trace Anhydrite - as above;
4840 - 4850	Anhydrite - white to cream, very fine to microcrystalline, partly bedded; and minor Dolomite - greyish brown to light brown, partly dark greyish brown, microcrystalline, tight;
4850 - 4860	Anhydrite - as above;
4860 - 4870	Dolomite - dark to medium greyish brown, very fine to microcrystalline, tight; and minor Anhydrite - white, very fine to microcrystalline (fracture cement); trace white crystalline Dolomite (fracture cement);
4870 - 4880	Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff, microcrystalline, bedded; and minor Dolomite - light greyish brown to light brown, very fine to microcrystalline, tight;
4880 - 4890	Dolomite - light brown to light greyish brown, very fine to microcrystalline, tight; and minor Anhydrite - as above;
4890 - 4900	As above; trace pyrite;
4900 - 4910	Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff to light brown, microcrystalline, bedded; and minor Dolomite - cream to light greyish brown, very fine to microcrystalline, tight; trace pyrite;
4910 - 4920	Anhydrite - white - as above, partly cream, microcrystalline, bedded; trace Dolomite - as above;
4920 - 4930	Anhydrite - as above; and minor Dolomite - as above, partly light grey, microcrystalline;
4930 - 4940	Anhydrite - as above; and minor Dolomite - light to medium brown, partly buff to light brownish grey, very fine to microcrystalline, tight;
4940 - 4950	Anhydrite - as above; and Dolomite - as above;
4950 - 4960	Anhydrite - as above; and Dolomite; light brown to light greyish brown, very fine to microcrystalline, tight;

4960 - 4980	Anhydrite - as above; and Dolomite - as above;
4980 - 4990	Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff to light brown, microcrystalline, bedded; and minor Dolomite - light greyish brown, microcrystalline, tight;
4990 - 5000	Anhydrite - as above; trace Dolomite - as above;
5000 - 5010	Anhydrite - as above; and minor Dolomite - as above;
5010 - 5020	Anhydrite - as above; and Anhydrite - cream to light greyish brown, microcrystalline, bedded; and Dolomite - cream to light brown, microcrystalline, silty to arenaceous in part, tight;
5020 - 5060	Anhydrite - as above; and Dolomite - light brown to greyish brown, microcrystalline, tight;
5060 - 5070	Anhydrite - white, very fine to microcrystalline (fracture cement), and Dolomite - as above;
5070 - 5090	Anhydrite - as above; and Dolomite - cream to buff, microcrystalline, partly silty to arenaceous, tight;
5090 - 5110	Anhydrite - as above; and Dolomite - cream to buff, microcrystalline, tight;
5110 - 5120	No sample - trip
5120 - 5130	Dolomite - cream to light greyish brown, microcrystalline, tight; and Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff to light brown, microcrystalline, bedded;
5130 - 5140	Dolomite - buff to light greyish brown, microcrystalline, tight; and Anhydrite - as above;
5140 - 5150	Anhydrite - as above; and minor Dolomite - as above;
5150 - 5160	Dolomite - light brown to light greyish brown, microcrystalline, tight; and minor Anhydrite - as above;
5160 - 5170	Dolomite - cream to light greyish brown, arenaceous in part, tight; and minor Anhydrite - as above;
5170 - 5180	Dolomite - buff to light greyish brown, microcrystalline, tight; and minor Anhydrite - as above;
5180 - 5190	Dolomite - cream to light greyish brown - as above; and minor Anhydrite - as above; trace Dolomite - medium to dark brown, microcrystalline, no oil stain or cut, tight;

5190 - 5200	Dolomite - cream to light brown, microcrystalline, partly arenaceous, tight; and minor Anhydrite - as above;
5200 - 5210	Anhydrite - as above; and Dolomite - cream to light brown - as above;
5210 - 5220	Dolomite - cream to buff, microcrystalline, partly arenaceous, tight; and Anhydrite - as above;
5220 - 5230	Dolomite - cream to buff, microcrystalline, tight; and Anhydrite - as above;
5230 - 5240	Dolomite - light greyish brown to buff, microcrystalline, tight; and minor Anhydrite - as above;
5240 - 5250	Dolomite - cream to buff, partly light grey, microcrystalline, partly arenaceous, tight; and Anhydrite - as above;
5250 - 5260	Dolomite - cream to light brown, microcrystalline, partly arenaceous, tight; and Anhydrite - as above;
5260 - 5270	Dolomite - cream to buff, cryptocrystalline to microcrystalline, silty to arenaceous in part, tight; and Anhydrite - white, very fine to microcrystalline (fracture cement), partly cream, microcrystalline, bedded;
5270 - 5280	Dolomite - light greyish brown to light brown, cryptocrystalline microcrystalline, tight; and Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff, microcrystalline, bedded; trace pyrite;
5280 - 5290	Dolomite - as above; and minor Dolomite - cream to buff, cryptocrystalline to microcrystalline, arenaceous, tight; trace Anhydrite - as above;
5290 - 5320	Dolomite - buff to light greyish brown, cryptocrystalline to microcrystalline, silty to arenaceous in part, tight; trace Anhydrite - as above;
5320 - 5350	Dolomite - cream to buff, cryptocrystalline to microcrystalline, tight; trace pyrite @ 5340';

NOTE: Lost circulation @ 5354'

NOTE: - Unable to regain circulation

- Started drilling with air (aerated mud and water) @ 5354'

5350 - 5360	Dolomite - cream to buff, cryptocrystalline to microcrystalline, tight; trace pyrite; (minor cavings);
5360 - 5380	Dolomite - as above, slightly anhydritic; (minor cavings);
5380 - 5390	Dolomite - as above, partly light brown, anhydritic; trace Anhydrite - white to buff, very fine to microcrystalline (fracture cement); (minor cavings);
5390 - 5400	Dolomite - cream to buff, partly light brownish grey, cryptocrystalline to microcrystalline, anhydritic, tight; and minor Anhydrite white, very fine to microcrystalline (fracture cement), partly buff, microcrystalline, bedded;
5400 - 5440	Dolomite - light brown to buff, cryptocrystalline to microcrystalline, partly anhydritic, tight; trace Anhydrite - as above;
5440 - 5450	Dolomite - as above (with floating anhydrite crystals); and minor Anhydrite white, very fine to microcrystalline (fracture cement), partly buff, microcrystalline, bedded;
5450 - 5460	Dolomite - cream to buff, partly light brown, cryptocrystalline to microcrystalline, anhydritic, tight; and minor Anhydrite - as above;
5460 - 5490	Dolomite - cream to buff, cryptocrystalline to microcrystalline, partly very fine crystalline, anhydritic, tight; trace Anhydrite - as above;
5490 - 5510	Dolomite - as above, partly light brown, partly anhydritic; trace Anhydrite - as above; rare clear crystalline gypsum and gypsum crystals; *
5510 - 5520	Dolomite - light brown to cream, cryptocrystalline to microcrystalline, partly anhydritic, tight; trace Anhydrite - as above;

* The gypsum and gypsum crystals (selenite) described above may possibly be Anhydrite and Anhydrite crystals.

5520 - 5530	Dolomite - greyish brown to buff, cryptocrystalline to microcrystalline, slightly anhydritic, slightly silty, tight; trace clear crystalline gypsum and gypsum crystals;
5530 - 5540	Dolomite - light brown to buff - as above; trace Anhydrite - as above; rare gypsum crystals*- as above;
5540 - 5550	Dolomite - light brown to buff, cryptocrystalline to microcrystalline, slightly anhydritic, tight; trace clear crystalline gypsum and gypsum crystals; *
5550 - 5560	As above, Dolomite partly anhydritic; trace Anhydrite - white, very fine to microcrystalline (fracture cement), partly buff, microcrystalline, bedded;
5560 - 5580	Dolomite - as above, slightly silty to arenaceous @ 5580'; trace gypsum and Anhydrite - as above; minor cavings;
5580 - 5600	Dolomite - light brown to buff, cryptocrystalline to microcrystalline, anhydritic, tight; trace Anhydrite - as above; (minor cavings);
5600 - 5610	Dolomite - light brown to buff, partly greyish brown, cryptocrystalline to microcrystalline, anhydritic, tight; and minor Anhydrite - as above;
5610 - 5630	Dolomite - as above; trace Anhydrite - as above;
5630 - 5660	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; and minor Anhydrite - white, very fine to microcrystalline (fracture cement) partly buff, microcrystalline, bedded;
5660 - 5690	Dolomite - buff to light brown, partly cream, cryptocrystalline to microcrystalline, partly anhydritic, tight; trace Anhydrite - as above;
5690 - 5700	Dolomite - buff to light brown, very fine to microcrystalline partly anhydritic, tight; trace Anhydrite - as above;
5700 - 5710	Dolomite - buff, very fine to microcrystalline, partly fine crystalline, partly anhydritic, tight; trace Anhydrite - as above; trace clear crystalline gypsum and gypsum crystals; *

* The gypsum and gypsum crystals (selenite) described above may possibly be Anhydrite and Anhydrite crystals.

5710 – 5720	Dolomite - buff to light brown, very fine to microcrystalline, partly anhydritic, tight; trace Anhydrite and gypsum – as above;
5720 – 5730	Dolomite - light brownish grey to buff - as above; and minor Anhydrite - white, very fine to microcrystalline (fracture and vug cement); trace clear coarse crystalline gypsum and gypsum crystals; *
5730 – 5760	Dolomite - as above; and minor Anhydrite - as above; and minor gypsum - clear coarse crystalline and minor gypsum crystals; *
5760 – 5780	Gypsum *- clear to white, coarse crystalline (probably fracture and vug cement); trace Dolomite cavings;
5780 – 5790	As above ; and minor Dolomite; light greyish brown to buff, cryptocrystalline to microcrystalline, anhydritic, tight;
5 790–5800	Dolomite - light greyish brown to light brown, very fine to microcrystalline, partly cryptocrystalline, anhydritic, tight; and minor gypsum*- as above; trace Anhydrite – white, very fine to microcrystalline (fracture and vug cement).
5800 – 5810	Dolomite - as above, cryptocrystalline to microcrystalline; and gypsum * - as above;
5810 – 5820	Gypsum * - as above; and Dolomite - light brown to light greyish brown, cryptocrystalline to microcrystalline, anhydritic, tight;
5820 – 5830	Dolomite - light to medium greyish brown, partly light brown to buff, microcrystalline to cryptocrystalline, slightly anhydritic, tight; trace Anhydrite – as above; trace gypsum * as above;
5830 – 5840	Dolomite - buff to light brown, cryptocrystalline, tight, (sulphurous odor when heated);
5840 – 5850	Dolomite - very dark to dark brownish grey, very fine to microcrystalline, rare fractures infilled with white crystalline dolomite and white very fine to microcrystalline anhydrite, tight; trace Anhydrite - as above; (sulphurous odor when heated);
5850 – 5870	Dolomite - as above; trace Dolomite - dark brown to brown, cryptocrystalline, tight;
5870 – 5880	As above; trace Anhydrite – as above;
5880 – 5890	Dolomite - dark greyish brown - as above; and minor Dolomite - light greyish brown to buff, fine to microcrystalline, partly anhydritic, tight; trace Anhydrite - as above;

* The gypsum and gypsum crystals (selenite) described above may possibly be Anhydrite and Anhydrite crystals.

5890 - 5900	Dolomite - buff to light greyish brown, partly light brown, fine to microcrystalline, partly anhydritic, tight; and minor Dolomite - dark greyish brown - as above; trace Anhydrite - as above;
5900 - 5910	No sample - trip;
5910 - 5920	Dolomite- buff to light brown, partly cream, very fine to microcrystalline, partly anhydritic, tight; trace Anhydrite - as above; trace clear crystalline gypsum and gypsum crystals; *
5920 - 5950	As above; and minor Dolomite - dark greyish brown, very fine to microcrystalline - as above, (probably cavings);
5950 - 5980	Dolomite - light brownish grey to buff, cryptocrystalline to microcrystalline, siliceous in part, slightly silty to arenaceous, scattered disseminated pyrite, tight; trace Dolomite - white, crystalline (fracture and vug cement);
5980 - 5990	Dolomite - light brown to light greyish brown, cryptocrystalline to microcrystalline, tight; and minor Dolomite - as above;
5990 - 6000	Dolomite - light brown to light greyish brown, cryptocrystalline to microcrystalline, silty in part, tight;
6000 - 6010	Dolomite - brownish grey to light brownish grey, partly light brown, cryptocrystalline to microcrystalline, slightly silty to arenaceous, tight;
6010 - 6020	Dolomite - as above, partly buff, partly anhydritic;
6020 - 6040	Dolomite - light greyish brown to light brown, partly buff, microcrystalline to cryptocrystalline, partly anhydritic, tight;
6040 - 6060	Dolomite - light brown to buff, cryptocrystalline to microcrystalline, partly anhydritic, tight; trace Anhydrite - white, very fine to microcrystalline, (fracture and vug cement).
6060 - 6070	Dolomite - greyish brown to light greyish brown, partly light brown to buff, cryptocrystalline to microcrystalline, partly fine to very fine crystalline, tight;
6070 - 6080	Dolomite - brownish grey to light brownish grey, partly buff to light brown, cryptocrystalline to microcrystalline, partly anhydritic, scattered fractures infilled with white anhydrite, tight; trace Anhydrite - white, very fine to microcrystalline (fracture and vug cement);

* The gypsum and gypsum crystals (selenite) described above may possibly be Anhydrite and Anhydrite crystals.

6080 - 6090	Dolomite - buff to light greyish brown, cryptocrystalline to microcrystalline, tight;
6090 - 6100	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, tight; and minor Dolomite - brownish grey, cryptocrystalline to microcrystalline, anhydritic, tight; trace Anhydrite - as above;
6100 - 6110	As above ; minor Dolomite - buff to light greyish brown, very fine to microcrystalline, slightly anhydritic, tight;
6110 - 6120	Dolomite - light brown to light greyish brown, cryptocrystalline to microcrystalline, partly very fine crystalline, slightly anhydritic, tight;
6120 - 6130	Dolomite - as above, partly buff, partly very fine microcrystalline, trace Anhydrite - as above;
6130 - 6140	Dolomite - buff to light greyish brown, cryptocrystalline to microcrystalline, partly very fine crystalline, tight; trace Anhydrite - as above;
6140 - 6150	Dolomite - buff to light greyish brown, cryptocrystalline to microcrystalline, trace very fine to fine crystalline, slightly anhydritic, tight; trace Anhydrite - white, very fine to microcrystalline (fracture and vug cement);
6150 - 6170	Dolomite - as above, partly brownish grey, (trace fine to very fine crystalline @ 6170'); trace Anhydrite - as above;
6170 - 6180	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; and minor Anhydrite - as above;
6180 - 6190	Dolomite - light greyish brown to light brown, partly buff, cryptocrystalline to microcrystalline (trace fine to very fine crystalline), slightly anhydritic, tight; trace Anhydrite - as above;
6190 - 6200	Dolomite - light greyish brown to buff, partly light brown - as above; trace Anhydrite - as above;
6200 - 6210	Dolomite - cream to buff, partly light brownish grey, cryptocrystalline , slightly anhydritic, tight; and minor Dolomite - as above; trace Anhydrite - as above;
6210 - 6230	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; and minor Dolomite; buff to light greyish brown, fine to very fine crystalline, tight; trace Anhydrite - as above;

6230 - 6250	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight;
6250 -6260	Dolomite - as above, partly light greyish brown to greyish brown (trace fine to very fine crystalline); trace Anhydrite - as above;
6260 - 6270	Dolomite - light greyish brown to buff, partly greyish brown, cryptocrystalline to microcrystalline, (trace fine to very fine crystalline), slightly anhydritic, tight; trace Anhydrite - as above;
6270 - 6280	Dolomite - as above, partly greyish brown to dark greyish brown; trace Anhydrite - as above;
6280 - 6290	Dolomite - medium to dark greyish brown, partly light brown, microcrystalline to cryptocrystalline, slightly anhydritic, tight; trace Anhydrite - white, very fine to microcrystalline (fracture and vug cement);
6290 - 6300	Dolomite - buff to light brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; and minor Dolomite - as above, partly fractured (fractures and vugs infilled with white Anhydrite), tight; and minor Anhydrite - white, very fine to microcrystalline (fracture and vug cement);
6300 - 6310	As above; trace Dolomite - buff, fine to very fine crystalline, tight; trace Anhydrite - as above;
6310 - 6320	Dolomite - dark greyish brown, cryptocrystalline to microcrystalline, slightly bituminous, tight;
6320 - 6340	As above; and minor Dolomite - buff to light greyish brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; trace Anhydrite - as above;
6340 - 6360	Dolomite - buff to light brown, partly light greyish brown, cryptocrystalline to microcrystalline, slightly anhydritic, tight; trace Anhydrite - as above;
6360 - 6370	As above, Dolomite partly medium to dark greyish brown;
6370 - 6380	Dolomite - light to medium brownish grey, partly medium to dark greyish brown, cryptocrystalline to microcrystalline, partly fine to very fine crystalline, partly anhydritic, tight; trace Anhydrite - white, very fine to microcrystalline, partly clear, medium to coarse crystalline;

6380 - 6390	Dolomite – dark to medium greyish brown, partly light brownish grey to buff, cryptocrystalline to microcrystalline, slightly anhydritic, tight; trace Anhydrite – white, very fine to microcrystalline (fracture and vug cement);
6390 - 6400	Dolomite – light grey to light brownish grey, cryptocrystalline to microcrystalline, slightly siliceous, slightly anhydritic, silty to arenaceous in part, tight; and Dolomite – buff to light brown, partly medium to dark greyish brown, cryptocrystalline to microcrystalline, tight; trace Anhydrite – as above;
6400 - 6410	Dolomite – light grey to light brownish grey, – as above, slightly silty, slightly argillaceous; and minor Dolomite – cream to buff, cryptocrystalline to microcrystalline, tight; and minor Dolomite – medium to dark greyish brown – as above;
6410 - 6420	Dolomite – buff to light greyish brown, cryptocrystalline to microcrystalline, tight; and minor Dolomite – light grey to light light brownish grey – as above; trace Anhydrite – as above;
6420 - 6430	Dolomite – light grey to light brownish grey, cryptocrystalline to microcrystalline, silty to arenaceous in part, argillaceous in part, slightly anhydritic, tight; and minor Dolomite – buff, cryptocrystalline to microcrystalline, clean, tight; trace Anhydrite – as above, partly medium to coarse crystalline;
6430 - 6440	Dolomite – cream to light buff, cryptocrystalline, slightly anhydritic, slightly silty, tight; trace Dolomite – light buff to light grey, cryptocrystalline to microcrystalline, silty to arenaceous, tight, grading to dolomitic siltstone; trace Sandstone – light buff to light grey, fine to very fine grained, dolomitic, siliceous in part, slightly anhydritic, tight, grading to Siltstone;
6440 - 6450	Dolomite – cream to light buff, cryptocrystalline, slightly silty to arenaceous in part, slightly anhydritic, tight; trace Dolomite – light buff to light grey, silty to arenaceous – as above; trace Sandstone and Siltstone – as above;
6450 - 6460	Dolomite – cream to light buff, cryptocrystalline, partly microcrystalline, slightly anhydritic, slightly silty, tight;

Total Depth 6460' (Driller)
6463' (Logger)

Finished drilling @ 3:40 p.m. January 31, 1972

SECTION III - ENGINEERING REPORT

(a) DRILL STEM TESTS

NO.	DATE	FROM	TO	PF MINS	VO MIN	ISI MINS	FSI MINS	ISI BHP	FSI BHP	IF BHP	FF BHP	IHP	FHP	REMARKS
(1)	19-1-72	3990 (straddle)	4185	5	90	60	90	1684 (false)	1440	118	433	1703	1664	- WIP, FAB, decreasing to WAB after 75 mins, to VWAB at end of flow period - Recovered 925' mud - Mud level in annulus dropped 40' over 90 min. flow period. - No ISIP - Possible communication through fractures around packers.
(2)	19-1-72	4515	4860	5	60	60	60	1664	1647	797	1651	1990	1934	- GIP, SAB, decreasing to VWAB after 50 mins., to nearly dead at end of flow period. - Recovered 1950' mud 1770' black sulph. fresh water - Mud level in annulus dropped 3'.

WELL NAME - DECALTA ET AL GULFAMHESS WRIGLEY

LOCATION - I-54

DST NUMBER - 1

INTERVAL TESTED - 3990 TO 4185

RECORDER NO. - 2235

DEPTH - 3975

FINAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T+\Phi}{\Phi}$	PSIG
0	0.0000	434
9	11.5556	1395
18	6.2778	1417
27	4.5185	1425
36	3.6389	1430
45	3.1111	1432
54	2.7593	1447
63	2.5079	1447
72	2.3194	1447
81	2.1728	1447
90	2.0556	1447

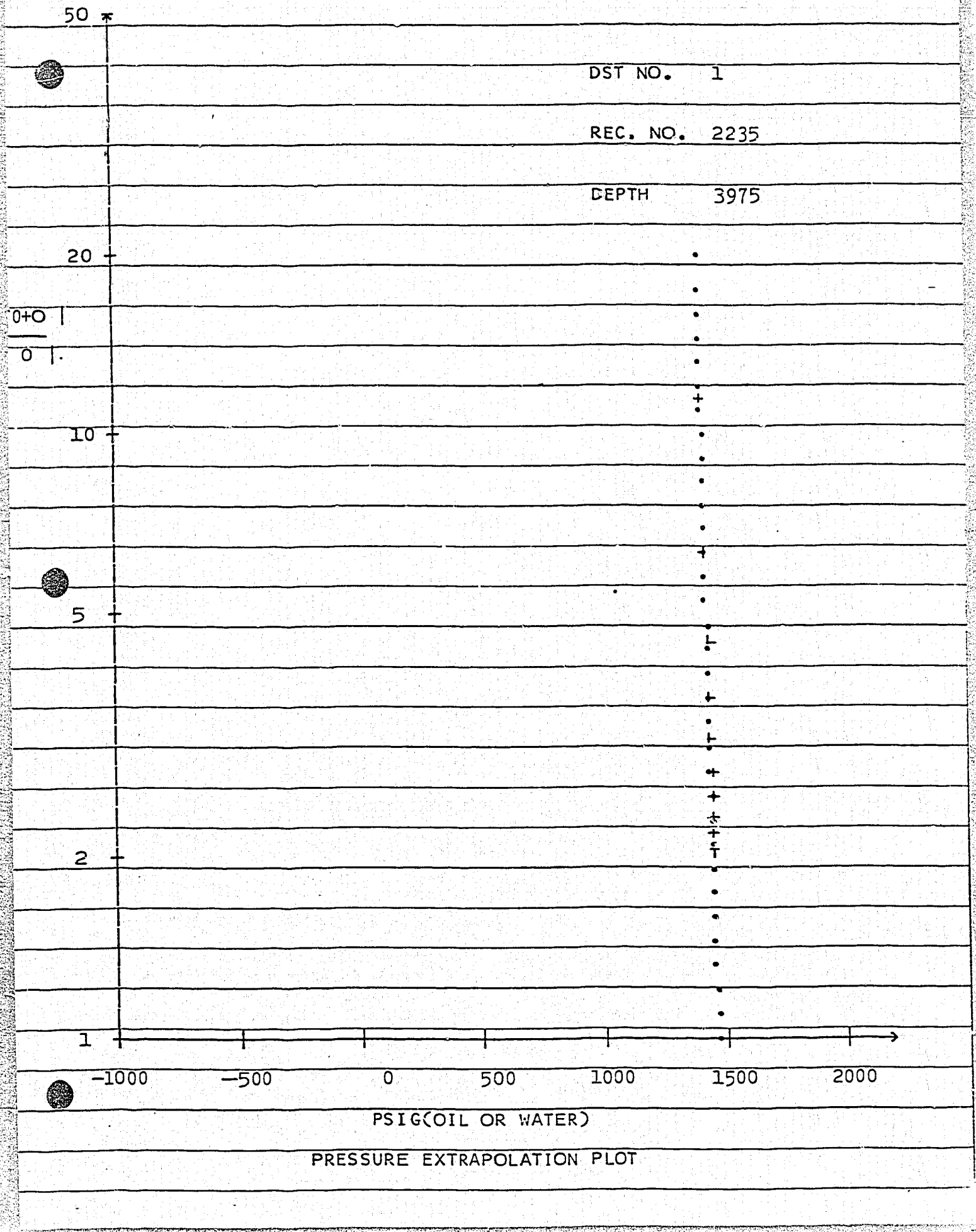
EQUATION OF FITTED LINE IS LOG((T0+Φ)/Φ)= -0.01840 PSIG + 26.94052

EXTRAPOLATION OF FINAL SHUT-IN = 1464.00 M= 54.34

DST NO. 1

REC. NO. 2235

DEPTH 3975



PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA						
Test No.	1		Lynes Test	1		
Formation			T.D.	4860	Ft.	
Interval Tested	3990	Ft. to	4185		Ft.	
Feet of Net Pay Tested	195				Ft.	
Type of Test	Single Straddle					
Cushion		Amount			Ft.	
Started in Hole at	12:00	Hrs.	Tool Open at	1:25	Hrs.	
Pre-Flow	5	Mins.	Initial Shut-in	60	Mins.	
2nd Flow		Mins.	Second Shut-in		Mins.	
Final Flow	90	Mins.	Final Shut-in	90	Mins.	

Remarks: Did not get initial shut-in due to badly fractured formation.

Blow: Opened with weak initial puff, good air blow, decreasing to weak after 75 minutes. Very weak at end of test. Lost 40 feet mud over 90 minutes.

GAS BLOW MEASUREMENTS

Measured with

Time	Surface Choke	Reading Inches	Cubic Feet/Day

RECOVERY

TOTAL FLUID RECOVERED 925 Ft. Consisting of:

925 Ft. of drilling mud

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated was not

Oil Recovery A.P.I. Water Specific Gravity

Salinity

GENERAL INFORMATION

Company: Western Decalta Pet. Ltd.

Address: 630 Sixth Avenue S.W.
Calgary, Alberta

Well Name: Decalta et al Gulf Amhess Wrigley

Well Number: 1-54 63o13' 123o54'

K.B. Elevation: 1373 Sub-Sea Elevation

Area: Wrigley Province: N.W.T.

Company Rep.: J. McCaffery

Tester: G. Lewchuk

Contractor: Guthrie McLaren Rig No. 3

Ticket No.: 3043 Date: Jan 19/72

Service Reports To:
8 - above address

MUD AND HOLE DATA

Mud Type: Gel Chem

Weight: 8.6 Viscosity: 34 Water Loss:

Filter Cake: Bottom Hole Temperature:

Drill Pipe Size: 3 1/2IF Weight: 13.3

Drill Collars: 4 3/4" I.D. 2 1/4" Feet Run: 502

Main Hole or Casing Size: 7"

Rathole or Liner Size: 6 1/4" No. of Feet:

Bottom Hole Choke Size: 3/4"

Surface Choke Size: 1"

Packer Rubber Size: 5 1/2"

REMARKS: Final shut-in pressure suggests average to high permeability within the interval tested.

PRESSURE READINGS

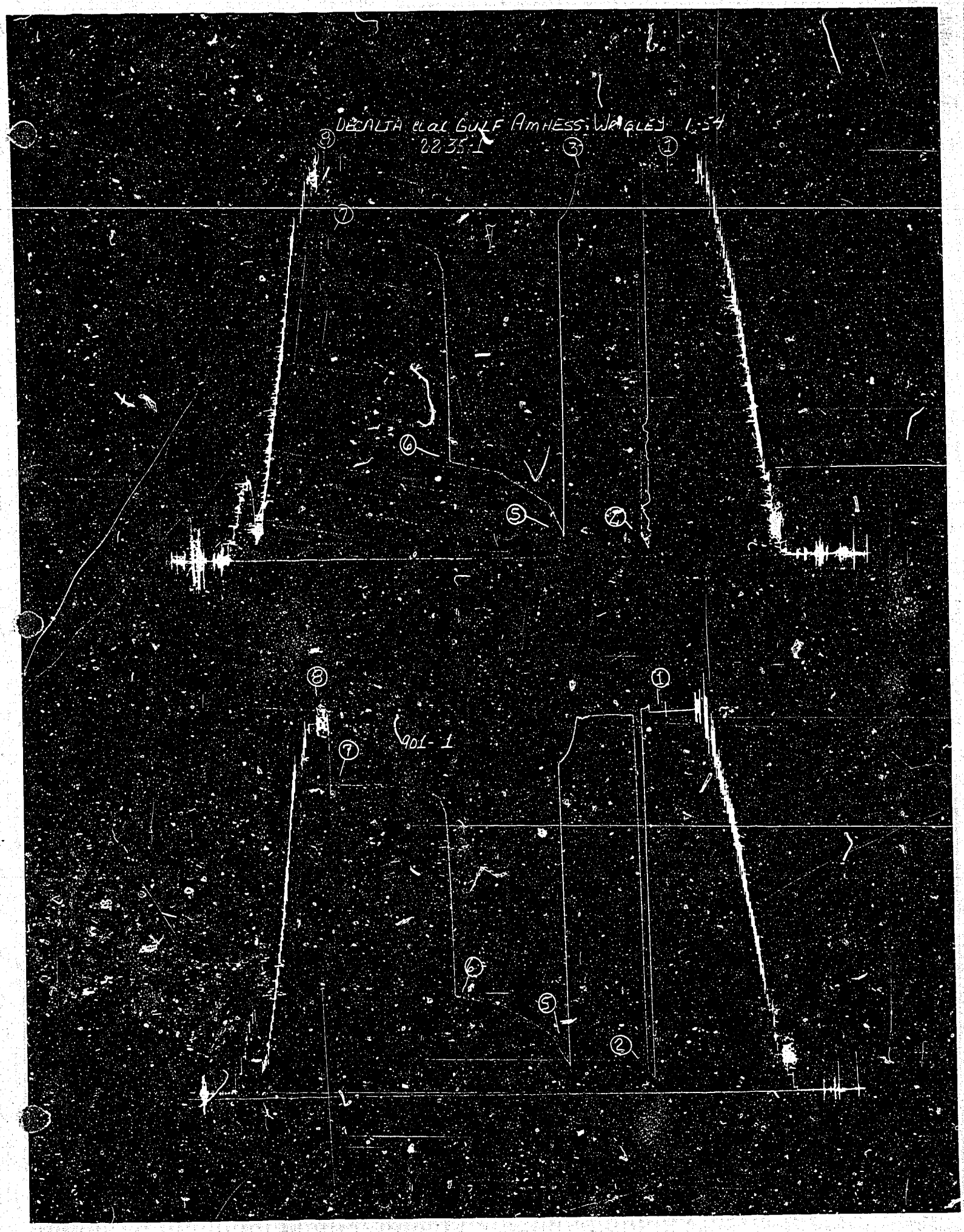
	Inside × Outside	Inside Outside ×	Inside Outside	Inside Outside
Recorder No.	2235	901		
Capacity	3350	3400		
Depth	3975	3995		
1 - INITIAL HYDROSTATIC	1745	1703		
2 - PRE-FLOW	92	87		
3 - INITIAL SHUT-IN	1735 (false)	1684 (false)		
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	90	118		
6 - FINAL FLOW	434	433		
7 - FINAL SHUT-IN	1447	1440		
8 - FINAL HYDROSTATIC	1740	1664		

Company: Western Decalta Pet. Ltd.

Well Name and Description: Decalta et al Gulf Amhess Wrigley 1-54

Test No.: #1

Date of Test: Jan 19/72


DELTA et al GULF AMHESS-WAGLEY 1-54
2235-1
901-1

WELL NAME - DECALTA ET AL GULFAMHESS WRIGLEY

LOCATION - I-54

DST NUMBER - 2

INTERVAL TESTED - 4515 TO 4860

RECORDER NO. - 2235

DEPTH - 4535

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG
0	0.0000	679
5	2.0000	1670
10	1.5000	1684
15	1.3333	1689
20	1.2500	1691
25	1.2000	1692
30	1.1667	1693
35	1.1429	1694
40	1.1250	1695
45	1.1111	1695
50	1.1000	1695
55	1.0909	1696
60	1.0833	1696

EXTRAPOLATION OF INITIAL SHUT-IN = 1698.91

WELL NAME - DECALTA ET AL GULFAMHESS WRIGLEY

LOCATION - I-54

DST NUMBER - 2

INTERVAL TESTED - 4515 TO 4860

RECORDER NO. - 2235

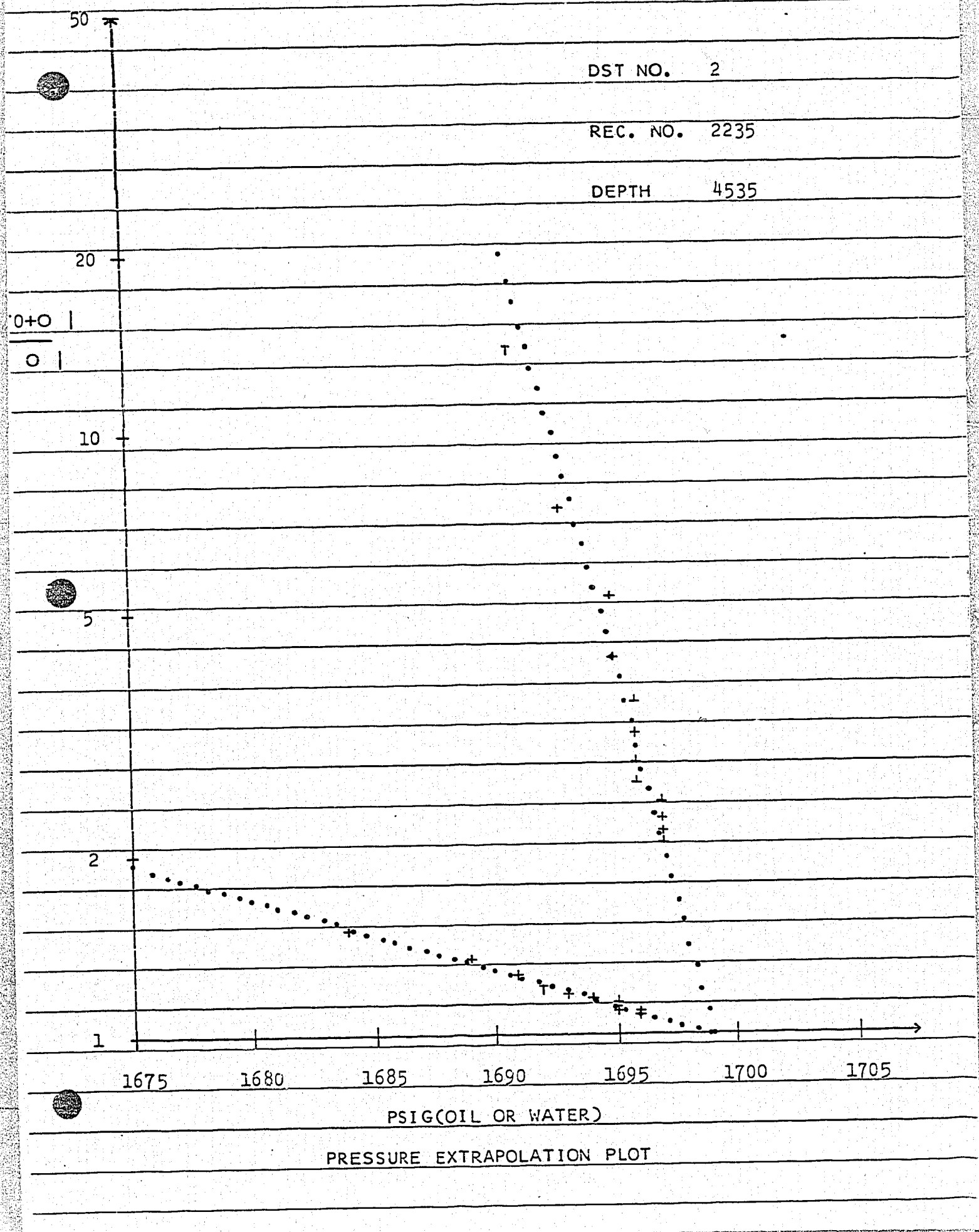
DEPTH - 4535

SECOND SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG
0	0.0000	1687
5	14.0000	1691
10	7.5000	1693
15	5.3333	1695
20	4.2500	1695
25	3.6000	1696
30	3.1667	1696
35	2.8571	1696
40	2.6250	1696
45	2.4444	1697
50	2.3000	1697
55	2.1818	1697
60	2.0833	1697

EQUATION OF FITTED LINE IS LOG((T0+Φ)/Φ)= -0.16061 PSIG + 272.86770

EXTRAPOLATION OF SECOND SHUT-IN = 1698.98 M= 6.23



PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA						
Test No.	2	Lynes Test	2			
Formation		T.D.	4860	Ft.		
Interval Tested	4515 Ft. to	4860		Ft.		
Feet of Net Pay Tested	345			Ft.		
Type of Test	Dual Bottom Hole Conv.'					
Cushion		Amount		Ft.		
Started in Hole at	11:30 Hrs.	Tool Open at	12:10 Hrs.			
Pre-Flow	5 Mins.	Initial Shut-in	60 Mins.			
2nd Flow	Mins.	Second Shut-in	Mins.			
Final Flow	60 Mins.	Final Shut-in	60 Mins.			

Remarks:

Blow: Opened with good initial puff. Strong air blow decreasing to weak after 50 minutes. Near dead at end of flow period.

GAS BLOW MEASUREMENTS

Measured with

Time	Surface Choke	Reading Inches	Cubic Feet/Day

RECOVERY

TOTAL FLUID RECOVERED 3720 Ft. Consisting of:

1950 Ft. of mud

1770 Ft. of black sulphurous fresh water

Ft. of

Ft. of

Test was/was not Reverse Circulated was not

Oil Recovery A.P.I. Water Specific Gravity

Salinity

GENERAL INFORMATION	
Company	Western Decalta Pet. Ltd.
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Gulf Amhess Wrigley
Well Number	1-54 63013' 123054'
K.B. Elevation	1373 Sub-Sea Elevation
Area	Wrigley Province NW.T.
Company Rep.	J. McCaffery
Tester	G. Lewchuk
Contractor	Guthrie McLaren Rig No. 3
Ticket No.	3044 Date Jan 19/72
Service Reports To:	
	8 - above address

MUD AND HOLE DATA			
Mud Type	Gel		
Weight	8.6#	Viscosity 34	Water Loss
Filter Cake		Bottom Hole Temperature	
Drill Pipe Size	3 1/21F		Weight
Drill Collars	4 3/4"	I.D. 2 1/4"	Feet Run 502
Main Hole or Casing Size	7"		
Rathole or Liner Size	6 1/4"		No. of Feet
Bottom Hole Choke Size	3/4"		
Surface Choke Size	1"		
Packer Rubber Size	5 1/2"		

REMARKS: Shut-in pressures suggest excellent permeability' within the interval tested. Recorder 901 is staging slightly and is reading low.

PRESSURE READINGS

NUMBER KEY:	Inside Outside × Recorder No. 2235 Capacity 3350 Depth 4535	Inside Outside × Recorder No. 901 Capacity 3400 Depth 4540	Inside Outside Recorder No. Capacity Depth	Inside Outside Recorder No. Capacity Depth
1 - INITIAL HYDROSTATIC	1995	1990		
2 - PRE-FLOW	679	680		
3 - INITIAL SHUT-IN	1696	1664		
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	794	797		
6 - FINAL FLOW	1687	1651		
7 - FINAL SHUT-IN	1697	1647		
8 - FINAL HYDROSTATIC	1972	1934		

Western Decalta Pet. Ltd. — Company

Decalta et al Gulf Amhess Wrigley 1-54 — Well Name and Description

#2 — Test No.

Jan 19/72 — Date of Test

DELTA CLAY GULF ANIMESS WRIGLEY-1-54
63°13' 163°54' 2235-2
901-2

(b) CASING RECORD

CASING SIZE INCHES	WEIGHT LBS/FT	GRADE	BRAND	NEW OR USED	DEPTH	SACKS OF CEMENT
13-3/8" 9 5/8"	48# 36#	K55	Japanese	New	61 550' KB	63 + 200 bbls $CaCl_2$ 260 sacks construction cement plus 2% $CACL_2$
7"	26#	J-S	Japanese	New	2826' KB	150 sacks construction cement plus 3% $CACL_2$

(c) BIT RECORD

NO.	SIZE	TYPE	DEPTH OUT	HOURS RUN	NO.	SIZE	TYPE	DEPTH OUT	HOURS
-	22"	Bucket	61	17 3/4	1	8 3/4"	SSIG	647	7 1/4
1A	12 1/4"	S3	371	14 3/4	2	8 3/4"	SCM5	855	6 1/2
2A	8 3/4" (Pilot)	OWC	397	5 1/2	3	8 3/4"	SSIG	1142	32
3A	8 3/4" (Pilot)	YM	431	6	4 RR.	8 3/4"	SCM5	1542	32 1/4
4A	8 3/4" (Pilot)	YHW	523	9 1/4	5	8 3/4"	S88	1630	8 1/4
5A	8 3/4" (Pilot)	YHW	550	2 1/2	6	8 3/4"	YM	1635	1 1/2
6A	12 1/4"	3 Cutter	400	6 3/4	7	8 3/4"	S88	1665	3 1/2
7A	12 1/4"	DGHJ (RMR)	460	8 3/4	8	8 3/4"	SCM5	2005	27 1/2
8A	12 1/4"	DGH-J (RMR)	550	14	9	8 3/4"	SCM	2071	3 3/4

(c) BIT RECORD (continued)

NO.	SIZE	TYPE	DEPTH OUT	HOURS RUN	NO.	SIZE	TYPE	DEPTH OUT	HOURS RUN
10	8 3/4"	S88	2280	13½	19	6 ¼"	S88	4450	34 ¼
11	8 3/4"	M44N	2580	23	20	6 ¼"	S88	4781	32 ¼
12	8 3/4"	M44N	2788	24	21	6 ¼"	S88	4860	9
13	8 3/4"	M88	2830	4 ½	22	6 ¼"	S88	5121	30 ½
14	6 ¼	M4L	2920	9 ½	23	6 ¼"	S88	5354	39 ¼
15	6 ¼	M88	3300	32	24	6 ¼"	M88	5692	40 ½
16	6 ¼	M88	3556	30 3/4	25	6 ¼"	M88	5911	22 3/4
17	6 ¼	M88	3800	31 ½	26	6 ¼"	M88	6190	35
18	6 ¼	S88	4115	33	27	6 ¼"	S88	6460	30

(d) MUD RECORD

TYPE	AMOUNT
Gel	138,300#
Caustic	3,600#
Bennex	18#
Bicarbonate of Soda	100#
Peltex	1,150#
Soda Ash	600#
Kwik Seal	89 sacks
Cellophane	2 "
Fibre-Seal	32 "
Redwood Fibre	33 "

TYPE	AMOUNT
Cane Fibre	2 sacks
Sawdust	804 "
Spruce trees	27
Sulphotex Sal	214 Gals.
Hagatreat	325 #
Calgon	902 #
Agritec (inhibitor)	250 #
Dry cement	30 sacks
Pebbles	10 gal.pail full

(e) DEVIATION RECORD

DEPTH feet	DEVIATION degrees	DEPTH feet	DEVIATION degrees	DEPTH feet	DEVIATION degrees	DEPTH feet	DEVIATION degrees
70	0	820	2	1448	1 1/2	4115	4
171	3/4	854	2 1/4	1510	2	4450	4 1/8
228	3/4	893	2 1/4	1542	1 3/4	4781	5 1/2
290	1 1/2	956	1 3/4	1601	1 3/4	4860	5 1/2
316	1	987	2	1692	2	5121	6
371	2	1017	1 1/2	1781	2 1/2	5354	6
397	1 3/4	1049	1 3/4	1920	2 1/2	5692	6
431	1 1/2	1080	1 1/2	2468	4	6190	5 1/2
454	2	1111	1	2530	3 3/4	6460	5 1/2
485	1 1/4	1142	1	2682	4 1/4		
511	1 1/4	1198	1	2788	4		
550	1 1/4	1260	1 1/2	2920	4 1/8		
585	2	1292	1	3300	4		
616	1 3/4	1323	1	3556	4		
764	2	1354	1 1/8	3800	4		

(f) ABANDONMENT PLUGS

PLUG NO.	POSITION	NUMBER OF SACKS CEMENT	REMARKS
1	6360 - 6460	30 sacks	Felt @ 3670'
2	3700 - 3800	30 sacks plus 3% $CaCl_2$	Felt @ 2780'
3	2810 - 2910	40 sacks " "	Cut off casing 3' below ground level.- Welded on steel plate - welded rod to top of casing extending 3' above ground level - welded well name on top of rod.
4	Surface	5 sacks	

SECTION III - ENGINEERING SUMMARY

(g) LOST CIRCULATION ZONES

1.

Depth	923' (Geolograph)
Interval	Unknown (Cased Interval)
Formation	Hare Indian Fm.
Zone	--

Amount of Material Lost 200 bbls. mud
10,600# Gel, 200# Caustic, 11 sacks Kwik Seal, 2# Bennex, 82 sacks Sawdust. Mixed Gel & lost circulation material for 10 hrs. - Pumped same down borehole - A certain amount of above mixture was lost to the formation in addition to the above 200 bbls. of drilling mud - Circulation was regained and the remaining lost circulation material was screened out of the drilling fluid.

Corrective Measures Taken - Pumped a mixture of lost circulation material and Gel down the borehole - Circulation was regained after 10 hours.

2.

Depth	1629' (Geolograph)
Interval	Unknown (Cased Interval)
Formation	Nahanni Fm.
Zone	--

Amount of Material Lost

(a) While attempting to Regain Circulation @ 1629' - 8600 bbls. drilling mud and lost circulation material including the following:

Gel	62,400#
Caustic	750#
Sawdust	560 sacks
Kwik Seal	75 sacks
Fibre Seal	32 sacks
Dry Cement	30 sacks
Redwood Fibre	33 sacks
Cane Fibre	2 sacks
Cellophane	2 sacks
Spruce Trees (with branches)	27
Pebbles	10 gallon pail full

(g) LOST CIRCULATION ZONES

2. (b) While drilling (blind) with water & mud from 1629' to 2172'

4200 bbls. water & mud (including the following):

Gel	6500#
Caustic	150#
Sawdust	22 sacks

(c) While air drilling (blind) with aerated mud from 2172' to 2251'

2600 bbls. drilling mud & water (including the following):

Gel	4600#
Caustic	400#

(d) While air drilling (blind) with stiff foam from 2251' to 2830' -- Nil

Corrective Measures Taken

- 8 days were spent attempting to regain circulation at 1629'
- All attempts to regain circulation failed (although some succeeded temporarily)
- Ran 6 batches of a Gel and lost circulation slurry
- Ran several dry plugs (sawdust sacks, dry Gel, sawdust & cement) - chased plug to bottom with Gel - water slurry; No returns.
- Ran several spruce tree plugs - pushed spruce trees (with branches) down the annulus; added sawdust & fibre seal, followed by Gel & sawdust treated slurry; circulation held until the spruce tree plug was pushed to 1626', and the plug was reamed out - Circulation was then lost once again (this method was used to establish the fact that the lost circulation zone was near the base of the bore-hole at a depth of approximately 1626')

4 Cement Plugs & 8 Calseal Plugs were run at Total Depth of 1629' (approx.)

(g) LOST CIRCULATION ZONES

Cement Plug #1
Ran 40 sacks of neat cement.
Felt for plug - no cement.

Cement Plug #2
Ran 40 sacks of construction cement plus 2% $CaCl_2$.
Felt for plug - no cement.

Calseal Plug #1
Ran 20 sacks (50/50) Calseal and cement.

Calseal Plug #2
Ran 10 sacks (50/50) Calseal and cement.

Calseal Plug #3
Ran 14 sacks (50/50) Calseal and cement.

Calseal Plug #4
Ran 14 sacks (50/50) Calseal and cement.

Calseal Plug #5
Ran 14 sacks (50/50) Calseal and cement.

Calseal Plug #6
Ran 14 sacks (50/50) Calseal and cement.

Calseal Plug #7
Ran 12 sacks (50/50) Calseal and cement.

Calseal Plug #8
Ran 10 sacks (50/50) Calseal and cement.

Cement Plug #3
Ran 50 sacks construction cement plus 3% $CaCl_2$.

Cement Plug #4
Ran 50 sacks neat cement plus 3% $CaCl_2$.

- Drilled out cement plug #4; Drilled 4' of cement, then lost circulation @ 1626'.

- Drilled (blind) with water 1629 - 2172'
  Drilled (blind) with air (aerated mud & water) 2172 - 2251'
  Drilled (blind) with air (stiff foam) 2251 - 2830'

- Ran 7" intermediate casing to 2826' K.B.

(g) LOST CIRCULATION ZONES

3. Depth 4668' (Geograph)

Note: Partial loss of circulation - (small steady loss of drilling fluid).

Interval	4630-4665' (E-Log)
Formation	Bear Rock Fm.
Zone	--

Amount of Material Lost - 70 bbls. drilling mud lost in 2 days.

Corrective Measures Taken - Nil (small steady loss of drilling fluid until Total Depth was reached).

4.

Depth	5354' (Geograph)
Interval	5353-5364' (E-Log)
Formation	Bear Rock Fm.
Zone	--

Amount of Material Lost - 890 bbls. drilling mud and lost circulation material (including the following):

Gel	10,100#
Caustic	50#
Sawdust	100 sacks

Corrective Measures Taken - Pumped lost circulation material and Gel slurry down borehole. Failed to regain circulation - Drilled ahead to a Total Depth with air (aerated mud and water).

(h) REPORT OF BLOWOUTS

None

SECTION IV - LOGS

TYPE OF LOG	FROM	TO
Dual Induction Laterolog	2831	6457
BHC Sonic Gamma Ray Caliper	2831	6462

SECTION V - ANALYSIS

(a) CORE ANALYSIS

None

(b) WATER ANALYSIS

Enclosed

(c) GAS ANALYSIS

None

(d) OIL ANALYSIS

None

SECTION VI - COMPLETION SUMMARY

(a) TUBING RECORD

None

(b) PERFORATION RECORD

None

(c) CEMENTATION RECORD

None

See Abandonment Plugs Section III (f)

(d) ACIDIZATION AND FRACTURING RECORD

None

(e) BACK PRESSURE AND PRODUCTION TESTS

None

CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company Western Decalta Petroleum Limited — Page 1 of 6

Well Decalta et al Gulf AmHess Wrigley I-54 — File 921-2113

Field Fort Wrigley, Northwest Territories — Analyst DS

Location 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. — Elevation: K.B. 1373', Grd. 1360'

Formation — Depth 3990' - 4185'

Sampled from DST #1 (90' Above Tool) — by

Sampling pressure — psig — Sampling temp. — °F — Ambient temp. — °F

Date sampled Jan. 19/72 — Date received Feb. 1/72 — Date analysed Feb. 3/72

Container pressure — Mud — Water cushion

Recovery or flowrate: 925' Mud.

Analysis

Benzene	=	Less than 0.1 ppm
Toluene	=	Less than 0.1 ppm

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

Company Western Decalta Petroleum Limited

Well Decalta et al Gulf AmHess Wrigley I-54 K.B. 1373' Grd. 1360'

Location 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. Field Fort Wrigley Province Northwest Territories

Formation _____ Interval 3990' - 4185'

Sampled from DST #1 (90' Above Tool) by _____

Date sampled Jan. 19/72 Date analysed Feb. 9/72 Analyst LK

Recovery 925' Mud.

_____ Mud type _____ Water cushion _____

Resistivity 1.39 Ohm-meters @ 72 °F

Specific gravity 1.0052 @ 60°F

pH 7.6 H_2S Absent

Refractive Index 1.3331 @ 79°F

Total Solids:

Calculated 5,291 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
794	758	117	Trace	Abs.	-	-	1022	224	2376	Nil	Nil

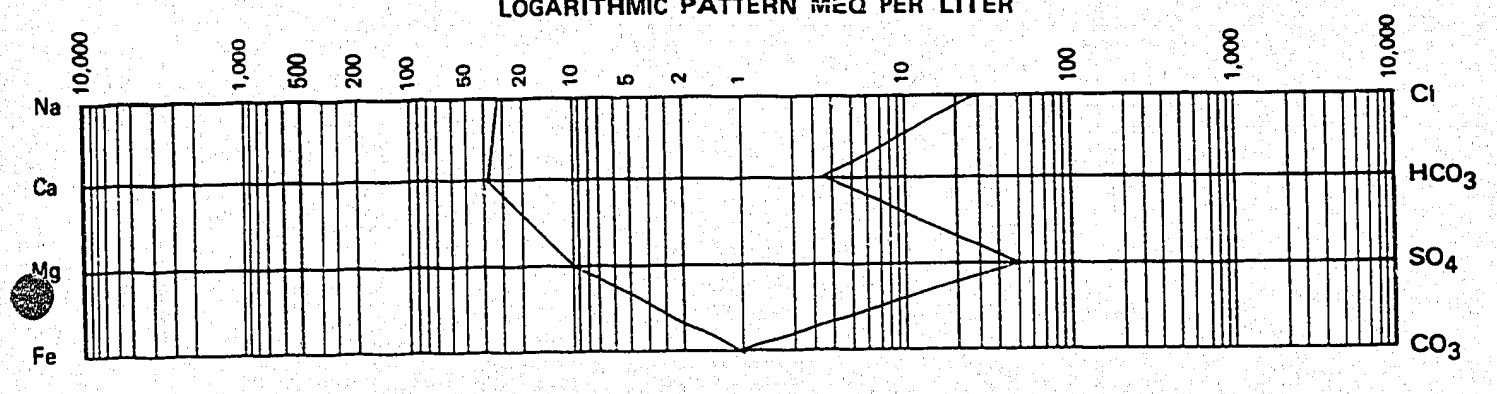
PER CENT CALCULATED SOLIDS

15.0	14.3	2.2	Trace	Abs.	-	-	19.3	4.2	44.9	.0	.0

MEQ PER LITER

34.5	37.8	9.6	Trace	Abs.	-	-	28.8	3.7	49.4	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



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CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company Western Decalta Petroleum Limited — Page 3 of 6

Well Decalta et al Gulf AmHess Wrigley I-54 — File 921-2113

Field Fort Wrigley, Northwest Territories — Analyst LK

Location 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. — Elevation: K.B. 1373' Grd. 1360'

Formation _____ Depth 3990' - 4185'

Sampled from _____ by _____

Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F

Date sampled Jan. 19/72 Date received Feb. 4/72 Date analysed Feb. 9/72

Container pressure _____ Mud _____ Water cushion _____

Recovery or flowrate: 925' Mud.

Analysis

Sampled From	DST #1 (460' Above Tool - Middle)	DST #1 (925' Above Tool)
Chloride	292 mg/liter	146 mg/liter

CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company: Western Decalta Petroleum Limited — Page: 4 of 6

Well: Decalta et al Gulf AmHess Wrigley I-54 — File: 921-2113

Field: Fort Wrigley, Northwest Territories — Analyst: DS

Location: 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. — Elevation: K.B. 1373' Grd. 1360'

Formation: — Depth: 4515' - 4860'

Sampled from: DST #2 (90' Above Tool) — by:

Sampling pressure: — psig — Sampling temp.: — °F — Ambient temp.: — °F

Date sampled: Jan. 19/72 — Date received: Feb. 1/72 — Date analysed: Feb. 3/72

Container pressure: — Mud: — Water cushion:

Recovery or flowrate: 1950' Mud, 1770' Black Sulphurous Fresh Water.

Analysis

Benzene	=	Less than 0.1 ppm
Toluene	=	Less than 0.1 ppm

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 921-2113 Page 5 of 6

Company Western Decalta Petroleum Limited

Well Decalta et al Gulf AmHess Wrigley I-54 K.B. 1373' Grd. 1360'

Location 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. Field Fort Wrigley Province Northwest Territories

Formation _____ Interval 4515' - 4860'

Sampled from DST #2 (90' Above Tool) by _____

Date sampled Jan. 19/72 Date analysed Feb. 9/72 Analyst LK

Recovery 1950' Mud, 1770' Black Sulphurous Fresh Water.

_____ Mud type _____ Water cushion _____

Resistivity 0.730 Ohm-meters @ 72 °F

Specific gravity 1.0066 @ 60°F

pH 7.2 H_2S Absent

Refractive Index 1.3338 @ 79°F

Total Solids:

Calculated 10,104 mg/liter

By evaporation @ 110°C – mg/liter

By evaporation @ 180°C – mg/liter

At ignition – mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
2463	820	164	Pres.	Abs.	-	-	3213	166	3278	Nil	Nil

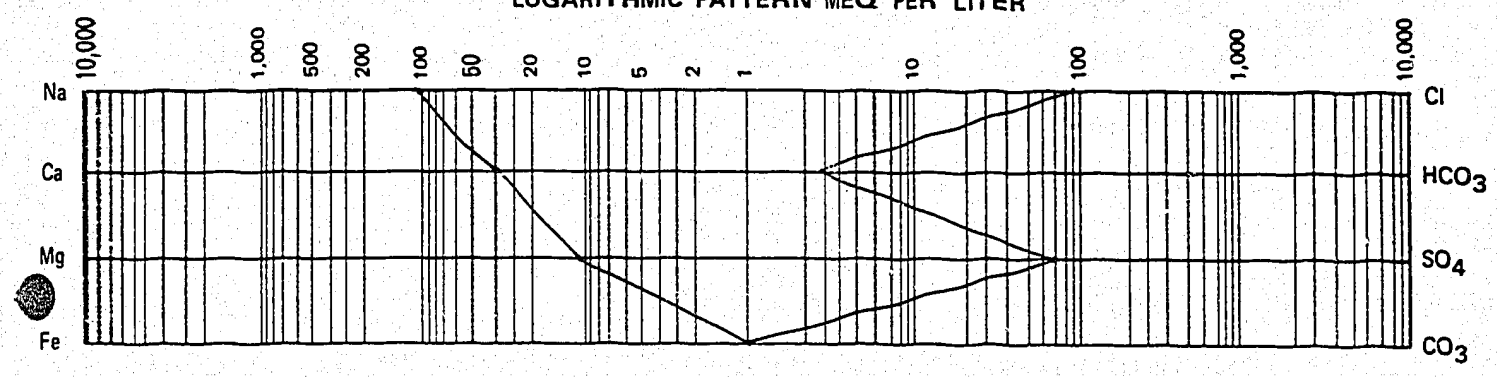
PER CENT CALCULATED SOLIDS

24.4	8.1	1.6	Pres.	Abs.	-	-	31.8	1.6	32.4	.0	.0

MEQ PER LITER

107.1	40.9	13.5	Pres.	Abs.	-	-	90.6	2.7	68.2	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



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CORE LABORATORIES — CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

Company Western Decalta Petroleum Limited — Page 6 of 6

Well Decalta et al Gulf AmHess I-54 — File 921-2113

Field Fort Wrigley, Northwest Territories — Analyst LK

Location 63° 13' 33.00 N.L. 123° 54' 32.00 W.L. — Elevation: K.B. 1373' Grd. 1360'

Formation _____ — Depth 4515' - 4860'

Sampled from _____ by _____

Sampling pressure _____ psig — Sampling temp. _____ °F — Ambient temp. _____ °F

Date sampled Jan. 19/72 — Date received Feb. 4/72 — Date analysed Feb. 9/72

Container pressure _____ — Mud _____ — Water cushion _____

Recovery or flowrate: 1950' Mud, 1770' Black Sulphurous Fresh Water.

Analysis

Sampled From	DST #2 (3720' Above Tool)	DST #2 (1410' Above Tool - Middle)
Chloride	146 mg/liter	2,045 mg/liter

Decalta et al Gulf Amhess Wrigley
I-54 Drilling

No. 6451

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Unit of Amoco Wrigley I-54

Location — Lsd. ___ Sec. ___ Twp. 7 Rge. ___ W. ___ M.

Date: Feb 5 1972

Weather Condition: -30 | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp Distance from Rig | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sild

Rig No. 3 DWKS

Drill Pipe String: No. ___ Size ___

Tool Joint O.D. Type Thd.

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING / TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Method Run
									From	To	Ftge.							Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'el-P Com'd-C
	Stands D.P.	Ft.	Bit No.		Time																	
	Singles D.P.	Ft.	Size		Weight																	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.																	
	D.C. I.D. O.D.	Ft.	Type		W.L.-C.C.																	
	Stb. Body O.D.	Ft.	Nozzle No.		FL TR. CK.																	
	Stb. Body O.D.	Ft.	Nozzle Size		PH																	
	Rmr. Body O.D.	Ft.	Ser. No.		SD. Cont. %																	
	Subs O.D.	Ft.	Depth Out		Pressure Gradient																	
	Bit or C.B.	Ft.	Depth In																			
	Kelly Down	Ft.	Total Ftg.		Mud & Chemicals Added																	
	Total	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.														
	Wt. of String	Lbs.	Cond. of Bit																			
	Pipe in Hole	Jts.	Reamer No.																			
	Pipe on Racks	Jts.	Reamer Type																			
	Total Pipe on Lease	Jts.	Water Charges Reg. Hrs. O.T. Hrs.																			
			Trucker																			
			Trucker																			
			Trucker		Driller Brian Bertcher.																	

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	2.00	2						RUN 5 5KS PLUG @ TOP CASING, WELD ON PLATE
200								LAY DOWN TABLE SWIVEL KELLY. TEAR OUT FLOOR & FRONT END OF RIG.
	500							

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Method Run
									From	To	Ftge.							Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'el-P Com'd-C
	Stands D.P.	Ft.	Bit No.		Time																	
	Singles D.P.	Ft.	Size		Weight																	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.																	
	D.C. I.D. O.D.	Ft.	Type		W.L.-C.C.																	
	Stb. Body O.D.	Ft.	Nozzle No.		FL TR. CK.																	
	Stb. Body O.D.	Ft.	Nozzle Size		PH																	
	Rmr. Body O.D.	Ft.	Ser. No.		SD. Cont. %																	
	Subs O.D.	Ft.	Depth Out		Pressure Gradient																	
	Bit or C.B.	Ft.	Depth In																			
	Kelly Down	Ft.	Total Ftg.		Mud & Chemicals Added																	
	Total	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.														
	Wt. of String	Lbs.	Cond. of Bit																			
	Pipe in Hole	Jts.	Reamer No.																			
	Pipe on Racks	Jts.	Reamer Type																			
	Total Pipe on Lease	Jts.	Water Charges Reg. Hrs. O.T. Hrs.																			
			Trucker																			
			Trucker																			
			Trucker		Driller Bernie Sild																	

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

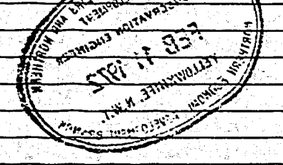
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								CLEAN MUD TANKS DRAIN PUMPS. TEAR OUT PREFABS BETWEEN LIGHT PLANT BOILERS & SHOP. TEAR DOWN SHOP. MUD HOUSE PREFABS & PUMP HOUSE PREFABS.
								NORMAN THERIAULT WAS INJURED @ 3.30 P.M WHILE REMOVING MUD HOUSE ROOF PREFABS PREFAB GAVE WAY WHICH HE WAS ON & FELL ~~OUT~~ ON TO MATTING. HE WAS FLOWN TO YELLOW KNIFE HOSPITAL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Method Run
									From	To	Ftge.							Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'el-P Com'd-C
	Stands D.P.	Ft.	Bit No.		Time																	
	Singles D.P.	Ft.	Size		Weight																	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.																	
	D.C. I.D. O.D.	Ft.	Type		W.L.-C.C.																	
	Stb. Body O.D.	Ft.	Nozzle No.		FL TR. CK.																	
	Stb. Body O.D.	Ft.	Nozzle Size		PH																	
	Rmr. Body O.D.	Ft.	Ser. No.		SD. Cont. %																	
	Subs O.D.	Ft.	Depth Out		Pressure Gradient																	
	Bit or C.B.	Ft.	Depth In																			
	Kelly Down	Ft.	Total Ftg.		Mud & Chemicals Added																	
	Total	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.														
	Wt. of String	Lbs.	Cond. of Bit																			
	Pipe in Hole	Jts.	Reamer No.																			
	Pipe on Racks	Jts.	Reamer Type																			
	Total Pipe on Lease	Jts.	Water Charges Reg. Hrs. O.T. Hrs.																			
			Trucker																			
			Trucker																			
			Trucker		Driller																	

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								FALCON WORK ON RUSH-15 2-8



No. 6450

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta et al-Gulf Ambass Wrigley I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: Feb 4 1972
Weather Condition: 25
Road Conditions:
Nearest Town: Wrigley
Water - Source: Slough Miles Hauled: ___ Pumped: ___
Camp Distance from Rig: 200 yds Reason for Extra L. Plant:

OPERATOR: Western Decalta
SIGNATURE OF OPERATOR'S REPRESENTATIVE:
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 — DWKS Idco 525
Drill Pipe String: No. ___ Size ___
Tool Joint: Type Thd. ___ O.D. ___

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Dilwell	214-P	14
2.	Dilwell	214-P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP	36# K55	17	554	12.50	5560	
TUBING OR LINER	7	MAN	23# J55	81	2838	12.50	2820	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			8
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips	1 1/4	5 1/4	
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing	1/2		
Waiting on Cement	6 1/4	4 3/4	
Drill Stem Test			
Other		3 1/4	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

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

MORNING TOUR

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

Driller: Brian Bertleson

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				
	Stands D.P.	Ft.	Bit No.		Time				
	Singles D.P.	Ft.	Size		Weight				
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.				
			Type		W.L.-C.C.				
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.				
					PH				
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %				
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient				
	Rmr. Body O.D.	Ft.	Depth In						
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added				
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.	
	Kelly Down	Ft.	Cond. of Bit						
	Total	Ft.	Reamer No.						
Wt. of String		Lbs.	Reamer Type						
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.				
Pipe on Racks		Jts.	Trucker TNT	15					
Total Pipe on Lease		Jts.	Trucker						
			Trucker						

Driller: Brian Bertleson

EVENING TOUR

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

Driller:

FOOTAGE / FORMATION

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	3.15	3 1/4						W.O.C LAY DOWN SOME PIPE
3.15	3.45	1/2						RUN IN FEEL PLUG #3 @ 3670
3.45	4.15	1/2						PULL UP TO 2900
4.15	4.45	1/2						RUN PLUG #3
4.45	5.00	2 1/4						PULL OUT OF CEMENT
5.00	8.00	3						W.O.C.
			PLUG #3					HDSKS OF Dilwell Cement + 3% CACL2 @ 2910 - 2810

FOOTAGE / FORMATION

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	12.30	4 1/2						W.O.C LAY DOWN SOME PIPE
12.30	12.45	1/4						RUN IN FEEL PLUG #3 @ 2780
12.45	2.45	2						LAY DOWN REST OF PIPE
2.45	4.00	1 1/4						BREAK & LAY DOWN KELLY
								FALCON - WORK ON BRUSH PILES - 67 D-8

FOOTAGE / FORMATION

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	6.00	2						LIFT TABLE TO TEAR OUT REST OF AIR DRILLING EQU.
6.00	10.00	4						TEAR OUT & LAY DOWN B.O.Ps
10.00	12.00	2						DIG OUT CELLAR CUT OF 20TH CASING

CONSERVATION DEPARTMENT OIL AND GAS BRANCH REGINA SASKATCHEWAN RECEIVED FEB 11 1972

No. 6448

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Gulf Amkess Wrigley I-54
Location: Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: FEB. 3 1972

Weather Condition: -20 | Road Conditions | Nearest Town: Wrigley | Water – Source: Slough, Miles Hauled: 4, Pumped | Camp Distance from Rig: 2000 yds. | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Gould

Rig No. 3 | DWKS 2duo525 | Drill Pipe String: No. 7, Size 5½ | Tool Joint: 4½ O.D., Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214-P	14"
2.	Oilwell	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	IAP	36#K55	17	554	12.50	550	
TUBING OR LINER	7	MAN.	23#J3	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			1¾
Waiting on Cement UNIT	8	8	4¼
Drill Stem Test			
Other			2
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	9

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. A7 10092
No. of Lines 8 Size 1/16
Feet Slipped 135
Feet Cut Off 180
Present Length 3870
Ton Mi. or Trips Since Last Cut 605
Cumulative Ton Mi. or Trips 1132
No. of Days From Spud 60
Cumulative Rotating Hrs. 593¼

MORNING TOUR

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD
	Stands D.P.	Ft.	Bit No.	Time
	Singles D.P.	Ft.	Size	Weight
	D.C.		Mfg.	Visc.-Sec.
	I.D. O.D.	Ft.	Type	W.L.-C.C.
	D.C.		Nozzle No. / Size	FL TR. CK.
	I.D. O.D.	Ft.		PH
	Stb. Body O.D.	Ft.	Ser. No.	SD. Cont. %
	Stb. Body O.D.	Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	Mud & Chemicals Added: Type / Amt. / Type / Amt.
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges: Reg. Hrs. O.T. Hrs.	
Pipe on Racks		Jts.	Trucker T.N.T 18	
Total Pipe on Lease		Jts.	Trucker	Driller: Bernie Steck

EVENING TOUR

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

MORNING TOUR

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	800						WAITING ON CEMENT UNIT
								D-9
								FALCON WORK ON ROAD-12½
								BRUSH PILE

DAY TOUR

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

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

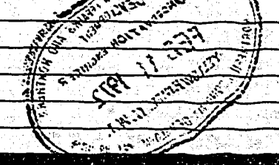
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	330	7½						WAIT ON CEMENT UNIT
330	400	½						SPOT + RIG UP CEMENT UNIT.
								PLUG #1 30 SKS OILWELL
								CEMENT @ 6460-6360 FT.
								PLUG #2 30 SKS OILWELL
								CEMENT PLUS 3% CaCl2 @ 3800-3700 FT.

EVENING TOUR

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	600	2						HEAT UP CEMENT UNIT
600	630	½						RUN PLUG #1
630	700	½						PULL UP TO 3800' TO RUN PLUG #2
700	730	½						RUN PLUG #2
730	945	1¼						PULL OUT OF CEMENT
945	1200	4¼						W.O.C.



No. 6447

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta et al Goff Anniss Wrigley I-54

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

Date: FEB. 2 19 72

Weather Condition: -15 Road Conditions

Nearest Town: Wrigley

Water - Source: Slough Miles Hauled: ___ Pumped

Camp Distance from Rig: 200 yds. Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 3 DWKS Ideco 525

Drill Pipe String: No. 2, Size 3½

Tool Joint: 4½ O.D. Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	OILWELL	214-P	14
3.			

	Size	Make	Wt. & Gr.,	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP.	36# K55	17	554	12.50	550	
TUBING OR LINER	7	MAN	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M100092
No. of Lines	8 Size 1/8
Feet Slipped	135
Feet Cut Off	180
Present Length	3870
Ton Mi. or Trips Since Last Cut	605
Cumulative Ton Mi. or Trips	1132
No. of Days From Spud	28
Cumulative Rotating Hrs.	593 1/4

MORNING TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	8						WAIT ON ORDERS
								Fuel - 3' 10"

DAY TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	400							WAIT ON ORDERS
								FALCON WORK ON BRUSH PILES — 12
								D-9 STEAM CAT — 2

EVENING TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SSQUENCE AND REMARKS
400	1200	8						WAIT ON ORDERS

DEPARTMENT OF NATURAL RESOURCES CONSERVATION ENGINEER SEP 11 1972 NWT

No. 6446

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Gulf Amoco Wrigley I-54 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: FEB. 1 1972

Weather Condition: -10 | Road Conditions | Nearest Town: WRIGLEY | Water - Source: SLOUGH | Miles Hauled: 8 | Pumped ___ | Camp Distance from Rig: 200 yds. | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Muller

Rig No. 3 DWKS 9dwc52

Drill Pipe String: No. 3, Size 5½, Tool Joint O.D. 4½, Type Thd. T.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP	36#/155	17	554	12.50	550	
TUBING OR LINER	7	MAN.	23#Js	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1/8

Feet Slipped 135

Feet Cut Off 180

Present Length 3870

Ton Mi. or Trips Since Last Cut 605

Cumulative Ton Mi. or Trips 1132

No. of Days From Spud 58

Cumulative Rotating Hrs. 593¼

MORNING TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	8:00	8						LOGGING.
								FUEL – 4' 7" @ 7.00 A.M.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD
6H	Stands D.P.	Ft.	Bit No.	Time
P	Singles D.P.	5936.34 Ft.	Size	Weight
	D.C.		Mfg.	Visc.-Sec.
18	I.D. O.D.	502.52 Ft.	Type	W.L.-C.C.
	D.C.		Nozzle No.	FL TR. CK.
	I.D. O.D.	Ft.	Nozzle Size	PH
	Stb. Body O.D.	Ft.	Ser. No.	SD. Cont. %
	Stb. Body O.D.	Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	Mud & Chemicals Added: Type / Amt. / Type / Amt.
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	21.14 Ft.	Cond. of Bit	
	Total	6460 Ft.	Reamer No.	
Wt. of String	110,000	Lbs.	Reamer Type	
Pipe in Hole	194	Jts.	Water Charges: Reg. Hrs. O.T. Hrs.	
Pipe on Racks	20	Jts.	Trucker DT 10	
Total Pipe on Lease	214	Jts.	Trucker	
			Trucker	Driller: Bernie Sack

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						WAIT ON LOGG TOOLS
								FALCON & WORK ON BRUSH PILES 12 D-8
								CHANGE OIL TM FROOG + PUMP MOTORS + FILTERS

EVENING TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:30	3½						WAIT ON LOGGING TOOLS
7:30	11:45	4¼						LOGGING
11:45	12:00	¼						TEAR OUT LOGGERS

CONSERVATION ENGINEER FEB 11 1972 NORTHERN ENGINEERING REGION YELLOWKNIFE, N.W.T.

No. 6445

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHESS WRIGLEY I-54

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

Date: JAN. 31 1972

Weather Condition: +10 | Road Conditions | Nearest Town: WRIGLEY | Water - Source: SLOUGH | Miles Hauled: 8 | Pumped ___ | Camp Distance from Rig: 200 yds | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J J Miller

Rig No. 3 DWKS Delco 550 | Drill Pipe String: No. 4, Size 3½ | Tool Joint: 4½ O.D., Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	I.A.P.	36#/K55	17	554	12.50	550	
TUBING OR LINER	7	MAN	23#/J3	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7½	
Reaming			
Conditioning Mud & Circulating Sample		¼	4¾
Trips			2¾
Lubricate Rig	¼	¼	
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging	RIG UP TO LOG		¼
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1⅛

Feet Slipped 135

Feet Cut Off 180

Present Length 3870

Ton Mi. or Trips Since Last Cut 605

Cumulative Ton Mi. or Trips 1132

No. of Days From Spud 57

Cumulative Rotating Hrs. 593¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
64	Stands D.P.	5875.15	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ x 4¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	22.33	Ft.
	Total	6400.00	Ft.
Wt. of String		110,000	Lbs.
Pipe in Hole		192	Jts.
Pipe on Racks		22	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	27
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	298245
Depth Out	IN
Depth In	6190
Total Ftg.	210
Total Hr. Run	22½
Cond. of Bit	IN.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	100	400	700
Weight	8.7	8.8	8.8
Visc.-Sec.			
W.L.-C.C.	AIRATED MUD.		
FL TR. CK.			
PH	11.5	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6326	6400	74				70	15	600/600	5	48	6	-	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERVICE
1215	800	7¾						DRILLING.
								NB CHANGE OIL & FILTER IN DESILTER MOTOR
								ANTI-FREEZE GOOD FOR -50°

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
64	Stands D.P.	5876.15	Ft.
8	Singles D.P.		Ft.
18	D.C. I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total	2114	Ft.
Wt. of String		110,000	Lbs.
Pipe in Hole		194	Jts.
Pipe on Racks		20	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	27
Size	6¼
Mfg.	SEC
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	298245
Depth Out	
Depth In	6190
Total Ftg.	270
Total Hr. Run	30
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	8:00	12:00
Weight	8.8	8.9
Visc.-Sec.	28	28
W.L.-C.C.		
FL TR. CK.		
PH	11.5	11.5
SD. Cont. %		
Pressure Gradient	AIRATED MUD	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6400	6460	60	D			70	15	560	5	48	6		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8:15	¼						RIG SER ✓ MOTOR SHUT OFF & BOPS DRILL
8:15	3:45	7½						
3:45	4:00	¼						CIRC UP SAMPLE
								FALCON WORK ON BRUSH PILES - 1 D-8

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
64	Stands D.P.		Ft.
2	Singles D.P.	5936.34	Ft.
16	D.C. I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	21.14	Ft.
	Total	6460.00	Ft.
Wt. of String		110,000	Lbs.
Pipe in Hole		194	Jts.
Pipe on Racks		20	Jts.
Total Pipe on Lease		114	Jts.

BIT RECORD

Bit No.	27
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	298245
Depth Out	6460
Depth In	6190
Total Ftg.	270
Total Hr. Run	30
Cond. of Bit	4-6-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	500	800
Weight	8.8	8.8
Visc.-Sec.	28	28
W.L.-C.C.		
FL TR. CK.		
PH	11.5	11.5
SD. Cont. %		
Pressure Gradient	AIRATED MUD.	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
6460	5½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	700	3						CIRC UP SAMPLE ~~& SURVEY~~
700	715	¼						SURVEY ON LINE
715	900	1¾						WAIT ON SCHLUMBERGER
900	1145	2¾						HOIST TO LOG (MISSED SHOT)
1145	1200	¼						RIG UP LOGGERS.
								MEAS. 5940.3
								PIPE TALLY - 5936.34
								COLLARS SAME. DIFF. 4.03

OIL WELL DRILLING CONTRACTORS ASSOCIATION CALGARY ALBERTA

KODAK SAFETY A-FILM

No. 6444

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMOCO WRIGLEY I-54 — Date: JAN. 30 1972

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. — Weather Condition +20, SNOW — Road Conditions — Nearest Town WRIGLEY — Water - Source SLOUGH, Miles Hauled 8, Pumped ___ — Camp Distance from Rig 200 yds. — Reason for Extra L. Plant ___

OPERATOR: WESTERN DECALTA

Rig No. 3 — DWKS 5-25 — Drill Pipe String: No. 2, Size 3½ — Tool Joint 4½ O.D. — Type Thd. I.F.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Mullen

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	OILWELL	214-P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP	36# K55	17	554	12.50	550	
TUBING OR LINER	7	MAN	23# J3	81	2838	1250	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3	7½	7¼
Reaming			
Conditioning Mud & Circulating			
Trips	4¾		
Lubricate Rig		¼	
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			¾
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Rancy Oilfield Serv. Circ		¼	
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work ___ Hrs. W/DP ___ Hrs. WO/DP ___ Hrs. Standby ___ Total Day Work ___

WIRE LINE RECORD

Reel No. M10092 — No. of Lines 9 Size 1/8 — Feet Slipped 135 — Feet Cut Off 180 — Present Length 3870 — Ton Mi. or Trips Since Last Cut 550 — Cumulative Ton Mi. or Trips 1027 — No. of Days From Spud 56 — Cumulative Rotating Hrs. 578

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
61	Stands D.P.	Ft.
1	Singles D.P.	5664.05 Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
JUNK	Subs O.D.	2.50 Ft.
	Bit or C.B.	Ft.
	Kelly Down	20.93 Ft.
	Total	6190.00 Ft.

Wt. of String 115,000 Lbs. — Pipe in Hole 185 Jts. — Pipe on Racks 29 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	26	27
Size	6¼	6¼
Mfg.	SEC.	SEC.
Type	M88	S88
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	328212	298245
Depth Out	6190	
Depth In	5911	6190
Total Ftg.	279	
Total Hr. Run	35	
Cond. of Bit	3-6-I	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	100		
Weight	8.9		
Visc.-Sec.	AIRRATED		
W.L.-C.C.	MUD		
FL TR. CK.			
PH	11.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6165	6190	25	D			70	15	500/1200	5	48	6		S

Deviation Record: Depth 6190, Dev. 5½, Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	300	3						DRILLING W/ AIRRATED MUD.
300	315	¼						SURVEY ON LINE
315	800	4¾						TRIP FOR BIT CHANGE
								FUEL - 3.60'

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
62	Stands D.P.	5694.41 Ft.
5	Singles D.P.	30.12 Ft.
8	D.C. 2¼ x 4¾ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	32.95 Ft.
	Total	6260.00 Ft.

Wt. of String 110,000 Lbs. — Pipe in Hole 187 Jts. — Pipe on Racks 27 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	27	
Size	6¼	
Mfg.	SEC	
Type	S88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	298245	
Depth Out	~~280~~	
Depth In	6190	
Total Ftg.	70	
Total Hr. Run	7½	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. N.C. — O.T. Hrs. NC
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	300
Weight	8.9	8.6	MUD 8.6
Visc.-Sec.	28	60 28	28
W.L.-C.C.			
FL TR. CK.	AIR		
PH	11.5	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
MAGATHIAN	125#		
CALGON	200#		

Driller Bernie Hacel

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6190	6260	70	D			70	15	500	5	48	6		Q

Deviation Record: Depth ___, Dev. ___, Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SER / MOTOR SHUT OF & BOPS. OK.
8:15	8:30	¼						BREAK ~~CIRC~~ CIRC
8:30	4:00	7½						DRILL
								FALCON WORK ON BRUSH FILES
								PUT ON NEW INDICATOR

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
63	Stands D.P.	Ft.
1	Singles D.P.	5815.33 Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body G.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	8.15 Ft.
	Total	6326.00 Ft.

Wt. of String 110,000 Lbs. — Pipe in Hole 190 Jts. — Pipe on Racks 24 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	27	
Size	6¼	
Mfg.	SEC	
Type	S88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	298245	
Depth Out	/	
Depth In	6190	
Total Ftg.	136	
Total Hr. Run	14¾	
Cond. of Bit	IN.	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	500	8:00	1100
Weight		8.8	8.8
Visc.-Sec.		28	
W.L.-C.C.			
FL TR. CK.			
PH		11.5	11.5
SD. Cont. %			
Pressure Gradient		AIRRATED WATER	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6260	6326	66	D			70	15	500/1200	5	48	6	—	S

Deviation Record: Depth ___, Dev. ___, Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:15	5¼						DRILL
9:15	10:00	¾						WORK ON AIR IN DRAWORKS.
10:00	12:00	2						DRILLING

FEB 11 1972

No. 6443

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMOCO WRIGLEY I-54 — Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: JAN. 29 1972

Weather Condition: +15, SNOW — Road Conditions: /

Nearest Town: WRIGLEY — Water - Source: SLOUGH — Miles Hauled: 8 — Pumped: ___ — Camp Distance from Rig: 200 yds — Reason for Extra L. Plant: ___

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 3 (DRYS IDECO) — Drill Pipe String: No. 1, Size 3½ — Tool Joint: Type Thd. I.F, O.D. 4½

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP	36# K55	17	554	1250	550	
TUBING OR LINER	7	MAN	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	7¾	7¼
Reaming			
Conditioning Mud & Circulating			
Trips		¼	
Lubricate Rig			¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M100 92 — No. of Lines 8 — Size 1⅛

Feet Slipped	135
Feet Cut Off	140
Present Length	3870
Ton Mi. or Trips Since Last Cut	449
Cumulative Ton Mi. or Trips	9926
No. of Days From Spud	55
Cumulative Rotating Hrs.	560¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
60	Stands D.P.	5511.42	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ I.D. 4¼ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
JUNK	Subs O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	25.56	Ft.
	Total	6042.00	Ft.

Wt. of String 114,000 Lbs. — Pipe in Hole 180 Jts. — Pipe on Racks 34 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	26
Size	6¼
Mfg.	SEC.
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	328212
Depth Out	
Depth In	5911
Total Ftg.	131
Total Hr. Run	16½
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	400	700
Weight			
Visc.-Sec.	AIRATED		
W.L.-C.C.	MUD		
FL TR. CK.			
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Rustebon.

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5980	6042	62	D			70	15	500 / 600	5	48	6	-	(3)

Deviation Record: Depth / Dev. / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
12⁰⁰	8⁰⁰	8						DRILLING W/AIRATED MUD
								FUEL - 170' @ 7:30 A.M.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
60	Stands D.P.		Ft.
0	Singles D.P.	5572.69	Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
JUNK	Subs O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	25.29	Ft.
	Total	6103	Ft.

Wt. of String 115,000 Lbs. — Pipe in Hole 182 Jts. — Pipe on Racks 32 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	26
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	328212
Depth Out	
Depth In	5911
Total Ftg.	192
Total Hr. Run	24¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 9 — O.T. Hrs.
Trucker N.T. Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight		8.4	Mud 85
Visc.-Sec.	28	280 AIRATED	28
W.L.-C.C.			
FL TR. CK.			
PH	11.0	11.0	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	50 #		

Driller: Brian Rustebon

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6042	6103	61	D			70	1500	5-600	5	48	6	-	(4)

Deviation Record: Depth / Dev. / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
9:00	8:15	¼						Rig Service / Motor Shut Off & Baps.
8:15	4:00	7¾						Drill
								FALCON WORK ON ROAD & RIVER CROSSING
								REPAIR D-8 HY. LINE -5

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
61	Stands D.P.		Ft.
1	Singles D.P.	5634.09	Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
JUNK	Subs O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	25.97	Ft.
	Total	6165.00	Ft.

Wt. of String 115,000 Lbs. — Pipe in Hole 184 Jts. — Pipe on Racks 30 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	26
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	328212
Depth Out	IN.
Depth In	5911
Total Ftg.	254
Total Hr. Run	32
Cond. of Bit	IN.
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	500	800	1100
Weight		AIRATED	
Visc.-Sec.		MUD	
W.L.-C.C.			
FL TR. CK.			
PH	11.0	11.0	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
HAGATREAT			125
CALGON	#100		

Driller: Brian Rustebon

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6103	6165	62	D			70	1500	5600	5	48	6		(5)

Deviation Record: Depth / Dev. / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
4⁰⁰	8³⁰	4½						DRILLING W/AIRATED MUD
8³⁰	8⁴⁵	¼						RIG SERVICE
8⁴⁵	12⁰⁰	3¼						DRILLING

NORTHERN OIL & GAS BRANCH CONSERVATION DIVISION EDMONTON, ALBERTA FEB 11 1972 NORTHWEST TERRITORIES

No. 6442

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ETAL CULP Am HESS WAINWRIGHT I-32

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

Date: JAN 28 1972

Weather Condition: 20° | Road Conditions | Nearest Town | Water - Source: TOWN | Miles Hauled: 2 | Pumped | Camp Distance from Rig: 200 YARDS | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 3 | Drill Pipe String: No. 2, Size 5½ | Tool Joint: 8½ O.D., Type Thd. IF

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	R.K.B. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP.	36# K55	17	554	12.50	550	
TUBING OR LINER	7	MAN	23# J55	31	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	3¼	7¾
Reaming			
Conditioning Mud & Circulating			
Trips		2¼	
Lubricate Rig		¼	1¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
BASIC C-R-C Casing		¼	
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	½	2½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	A-10092
No. of Lines	8
Size	1/2
Feet Slipped	135
Feet Cut Off	180
Present Length	3820
Ton Mi. or Trips Since Last Cut	414
Cumulative Ton Mi. or Trips	9928
No. of Days From Spud	54
Cumulative Rotating Hrs.	537 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
58	Stands D.P.	1	Ft.
2	Singles D.P.	539.30	Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs JUNK O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.68	Ft.
	Total	5911.00	Ft.
	Wt. of String	112,000	Lbs.
	Pipe in Hole	176	Jts.
	Pipe on Racks	38	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD

Bit No.	25
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	349171
Depth Out	5911
Depth In	5692
Total Ftg.	219
Total Hr. Run	22¾
Cond. of Bit	2-4-I
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight			MUD
Visc.-Sec.			
W.L.-C.C.		AIR ERATED	
FL TR. CK.			
PH	11.5	11.5	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5848	5911	63	D			70	15	4600	5	46			(4)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	7:30	7½						DRILL 6¼" HOLE W/AIRATED MUD
7:30	8:00	½						BLEED AIR BLOW BACK

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
58	Stands D.P.		Ft.
0	Singles D.P.	539.30	Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs JUNK O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	20.68	Ft.
	Total	5918	Ft.
	Wt. of String	112,000	Lbs.
	Pipe in Hole	176	Jts.
	Pipe on Racks	38	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD

Bit No.	26
Size	6 1/4
Mfg.	SEC.
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	382212
Depth Out	
Depth In	5911
Total Ftg.	7
Total Hr. Run	3/4
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Trucker T.W.I. | Reg. Hrs. 5 | O.T. Hrs.
Trucker
Trucker

MUD RECORD

Time	4:00		
Weight			MUD
Visc.-Sec.			
W.L.-C.C.		AIRATED	
FL TR. CK.	AIRATED		
PH	11.0		
SD. Cont. %	#		
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Hackl

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5911	5918	7	D			70	15	4600	5	46			(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						BLEED AIR BLOW BACK
10:30	10:45	¼						RIG SERVICE & B.O.P. (O.K.)
10:45	3:00	4¼						HOIST FOR BIT CHANGE & RUN IN WITH #2 CBI
3:00	3:15	¼						BREAK C-R-C
3:15	4:00	¾						DRILL
								FALCON WALK DOWN BRUSH 4
								WORK ON D-8 10
								HYDRAULIC LINES

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
59	Stands D.P.		Ft.
1	Singles D.P.	545.29	Ft.
18	D.C. 2¼ x 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs JUNK O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.69	Ft.
	Total	5980.00	Ft.
	Wt. of String	114,000	Lbs.
	Pipe in Hole	178	Jts.
	Pipe on Racks	36	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD

Bit No.	26
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	328210
Depth Out	
Depth In	5911
Total Ftg.	69
Total Hr. Run	8½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	8:00	11:00
Weight			MUD
Visc.-Sec.			
W.L.-C.C.		AIRATED	
FL TR. CK.	AIRATED		
PH		11.0	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5915	5980	62	D			70	15	4600	5	46			(3)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:30	4½						DRILL
8:30	8:45	¼						RIG SERVICE
8:45	12:00	3¼						DRILLING W/ AIRATED MUD

CONSERVATION ENGINEER NORTHERN ENGINEERING SERVICES LTD. EDMONTON, ALBERTA SEP 11 1972

No. 6441

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease or Well Name: Peralta et al Gulf Embree #1 — Date: Jan 27 1972

Location — Lsd. — Sec. — Twp. — Rge. — W. — M.: Whiskey I 5th

Weather Condition — Road Conditions — Nearest Town — Water - Source: Slough — Miles Hauled — Pumped — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plan:

OPERATOR: Western Peralta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A Sidd

Rig No. 3 — Drill Pipe String: No. 2, Size 5½ — Tool Joint: 4½ O.D., Type Thd. I.F. — DWKS $25

PUMPS	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Japan	36 K55	17	554	12.50	550	
TUBING OR LINER	7	Man.	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8
Size	1/8
Feet Slipped	135
Feet Cut Off	180
Present Length	3870
Ton Mi. or Trips Since Last Cut	321
Cumulative Ton Mi. or Trips	9800
No. of Days From Spud	53
Cumulative Rotating Hrs.	52 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
56	Stands D.P.		Ft.
1	Singles D.P.	517.64	Ft.
	D.C.		
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Float O.D.	2.50	Ft.
	Subs Junk O.B.	2.40	Ft.
	Bit or C.B.		Ft.
	Kelly Down	8.16	Ft.
	Total	5692.00	Ft.
Wt. of String		110,000	Lbs.
Pipe in Hole		169	Jts.
Pipe on Racks		45	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD		
Bit No.	24	25
Size	6 1/4	6 1/4
Mfg.	M88	M88
Type	SEC	SEC
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	323261	349177
Depth Out	5692	
Depth In	5354	5692
Total Ftg.	338	
Total Hr. Run	40 1/2	
Cond. of Bit	8-8-1	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker — Trucker — Trucker

MUD RECORD			
Time	100	400	700
Weight			
Visc.-Sec.	AIRATED MUD		
W.L.-C.C.			
FL TR. CK.			
PH	11.5	11.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McCathren

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5660	5692	32	D			70	18	600	5	50			(5)

Deviation Record: Depth 5692 — Dev. 6° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	3 15	3 1/4						DRILLING 6 1/4" HOLE WITH AIRATED MUD.
3 15	3 30	1/4						SURVEY AND RIG SERVICE
3 30	8 00	4 1/2						TRIP FOR BIT.

FUEL 4FT 1in

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
57	Stands D.P.	5237.09	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Junk O.D.	2.50	Ft.
	Float Sub O.B.	2.40	Ft.
	Kelly Down	22.49	Ft.
	Total	5767.00	Ft.
Wt. of String		111,000	Lbs.
Pipe in Hole		171	Jts.
Pipe on Racks		43	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD		
Bit No.	25	
Size	6 1/4	
Mfg.	M88	
Type	SEC.	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	349177	
Depth Out	~~5692~~ IN	
Depth In	5692	
Total Ftg.	75	
Total Hr. Run	7 3/4	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges: T.N.T — Reg. Hrs. 3 — O.T. Hrs.

Trucker — Trucker — Trucker

MUD RECORD			
Time	9:00	12:00	3:00
Weight			
Visc.-Sec.	AIRATED MUD		
W.L.-C.C.			
FL TR. CK.			
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
C			

Driller: Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5692	5767	75	D			70	15	400/650	5	50	6	—	(9)

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	10 00	2						DRILLING W/AIRATED MUD
10 00	10 15	1/4						RIG SERVICE & B.O.P. (O.K.)
10 15	A 00	5 3/4						DRILLING W/AIRATED MUD
								FALCON WORK ON ROAD 6
								Repair D-8 4
								Repair D-7 3
								NOTE - CHANGED OIL & FILTERS IN BOTH LIGHT PLANTS

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
58	Stands D.P.	5330.79	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Junk O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.19	Ft.
	Total	5848	Ft.
Wt. of String		112,600	Lbs.
Pipe in Hole		174	Jts.
Pipe on Racks		40	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD		
Bit No.	25	
Size	6 1/4	
Mfg.	M88	
Type	SEC.	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	349177	
Depth Out		
Depth In	5692	
Total Ftg.	156	
Total Hr. Run	15 1/4	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker — Trucker — Trucker

MUD RECORD			
Time	500	800	1100
Weight			
Visc.-Sec.	AIRATED MUD		
W.L.-C.C.			
FL TR. CK.			
PH	11.0	10.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100#		

Driller: Bernie Hoard

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5767	5848	81	D			70	15	400/600	5	46			(6)

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	5 30	1 1/2						DRILLING W/AIRATED MUD
5 30	6 00	1/2						HOIST 6 STDS. & LAY DOWN FLOAT SUB & RUN IN TO BOTTOM.
6 00	12 00	6						DRILLING W/AIRATED MUD

ALBERTA OIL & GAS CONSERVATION BOARD — SEP 11 1972 — CALGARY, ALBERTA

No. 6449

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Pacific Atlantic Gulf Andrews. Location Lsd. Sec. Twp. Rge. W. M. Date Jan 26 1972

Weather Condition -13 Road Conditions Nearest Town Water - Source Stanley Miles Hauled 2 Pumped Camp Distance from Rig 200 yds. Reason for Extra L. Plant

OPERATOR Western Delta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER A Sudol

Rig No. 3 Ideco DWKS 525 | Drill Pipe String No. 2 Size 3½ | Tool Joint 4½ O.D. Type Tbd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	36 K55	17	554	12.50	550	
TUBING OR LINER	7	Mann.	23# J55	81	2838	12.50	2830	

MORNING TOUR

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1⅛
Feet Slipped	135
Feet Cut Off	160
Present Length	3870
Ton Mi. or Trips Since Last Cut	193
Cumulative Ton Mi. or Trips	9672
No. of Days From Spud	52
Cumulative Rotating Hrs.	506½

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
54	Stands D.P.	Ft.	Bit No.	24
1	Singles D.P.	4991.70 Ft.	Size	6¼
	D.C.		Mfg.	SEC
	I.D. O.D.	Ft.	Type	M88
18	D.C. 2¼ 4¾ I.D. O.D.	502.58 Ft.	Nozzle No. / Size	NIL
	Stb. Body O.D.	Ft.	Ser. No.	323261
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	5354
	Float Sub O.D.	2.50 Ft.	Total Ftg.	179
	Bit or C.B.	Ft.	Total Hr. Run	21½
	Kelly Down	36.28 Ft.	Cond. of Bit	1N
	Total	5533.00 Ft.	Reamer No.	
Wt. of String	108,000 Lbs.		Reamer Type	
Pipe in Hole	163 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	51 Jts.		Trucker	
Total Pipe on Lease	214 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	100	400	700
Weight		10	
Visc.-Sec.			
W.L.-C.C.		AIR & MIST	
FL TR. CK.			
PH	8.0	11.5	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	200#		

Driller L. McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
5456	5533	77	D			108	18	400/650	5	52	6		(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	8⁰⁰	8						DRILLING W/ AIRERATED MUD 6¼" HOLE
								FUEL 2 ft. 4 in. at 7:00 AM.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
55	Stands D.P.	Ft.	Bit No.	24
1	Singles D.P.	5085.57 Ft.	Size	6¼
	D.C.		Mfg.	SEC.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52 Ft.	Type	M88
	D.C.	Ft.	Nozzle No. / Size	NIL
	I.D. O.D.		Ser. No.	323261
	Stb. Body O.D.	Ft.	Depth Out	IN.
	Stb. Body O.D.	Ft.	Depth In	5354
	Rmr. Body O.D.	Ft.	Total Ftg.	249
FLOAT	Subs O.D.	2.50 Ft.	Total Hr. Run	29¼
	Bit or C.B.	Ft.	Cond. of Bit	1N.
	Kelly Down	12.41 Ft.	Reamer No.	
	Total	5603.00 Ft.	Reamer Type	
Wt. of String	109,000 Lbs.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe in Hole	166 Jts.		Trucker	FNT. 14 HRS.
Pipe on Racks	48 Jts.		Trucker	
Total Pipe on Lease	214 Jts.		Trucker	

MUD RECORD

Time	900	1200	300
Weight		AIRATED	
Visc.-Sec.		MUD.	
W.L.-C.C.			
FL TR. CK.			
PH	10.5	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	#200		

Driller Brian Bertilson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
5533	5603	70	D			68	18	350/650	5	52	6	—	(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼						RIG SERVICE & B.O.P.'s (OK)
8¹⁵	4⁰⁰	7¾						DRILLING W/ AIREATED MUD
								FALCON WORK DOUBLE SHIFT ON D-8 WALKING DOWN BRUSH PLUS WORK ON D-8

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
55	Stands D.P.	Ft.	Bit No.	24
2	Singles D.P.	5115.62 Ft.	Size	6¼
	D.C.		Mfg.	SEC.
	I.D. O.D.	Ft.	Type	M88
18	D.C. 2¼ 4¾ I.D. O.D.	502.52 Ft.	Nozzle No. / Size	NIL
	Stb. Body O.D.	Ft.	Ser. No.	323261
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	5354
	Float Sub O.D.	2.50 Ft.	Total Ftg.	306
	Bit or C.B.	Ft.	Total Hr. Run	32¼
	Kelly Down	39.36 Ft.	Cond. of Bit	1N
	Total	5662.00 Ft.	Reamer No.	
Wt. of String	110,000 Lbs.		Reamer Type	
Pipe in Hole	167 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	42 Jts.		Trucker	
Total Pipe on Lease	214 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	500	800	1100
Weight		AIREATED	
Visc.-Sec.		MUD.	
W.L.-C.C.			
FL TR. CK.			
PH	11.5	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller L. McArthur

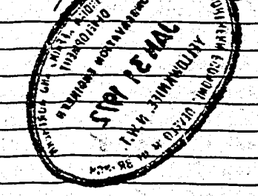
FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
5603	5660	57	D			63	18	350/650	5	52	6		(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	12⁰⁰	8						DRILL 6¼" HOLE W/ AIREATED MUD



No. 6439

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Sealts et al Gulf Amoco. Date

Location Lsd. Sec. Twp. Rge. W. M. Whitley I-54 Jan 25 1972

Weather Condition 15 | Road Conditions | Nearest Town | Water - Source Slough | Miles Hauled 8 | Pumped | Camp Distance from Rig 200 mtrs. | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 5 Ideco DWKS 525 | Drill Pipe String: No. 2 Size 3½ | Tool Joint 4½ O.D. Type Thd. F.F.

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER	7	Smls	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		5½	8
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		8 2½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals		7 8	

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1⅛

Feet Slipped 135

Feet Cut Off 180

Present Length 3870

Ton Mi. or Trips Since Last Cut 193

Cumulative Ton Mi. or Trips 9672

No. of Days From Spud 5

Cumulative Rotating Hrs. 48 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
52	Stands D.P.		
2	Singles D.P.	4839.14	Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.34	Ft.
	Total	5354.00	Ft.

Wt. of String 100,000 Lbs.

Pipe in Hole 158 Jts.

Pipe on Racks 56 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD	
Bit No.	24
Size	6 1/4
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	
Depth In	5354
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5354													

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200								RUN IN TO 2800' AND TRY TO BREAK CIRC W/ STIFF FOAM. PULL 8 STANDS AND BROKE CIRC W/ STIFF FOAM. RUN IN 8 STDS. BREAK CIRC W/ STIFF FOAM. RUN IN 7 STDS. FAILED TO BREAK W/ STIFF FOAM. TOOH TO CHANGE AERRATED. MUD AND BROKE CIRC AT 3500#
800	845							

FUEL 3FT 4in @ 6:00 A.M

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
53	Stands D.P.	4869.17	Ft.
	Singles D.P.		Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
FLOAT	Subs O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	9.81	Ft.
	Total	5384.00	Ft.

Wt. of String 108,000 Lbs.

Pipe in Hole 159 Jts.

Pipe on Racks 55 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD	
Bit No.	24
Size	6 1/4
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	IN
Depth In	5354
Total Ftg.	30
Total Hr. Run	5½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker: T.N.T 16

Trucker

Trucker

MUD RECORD

Time

Weight AERATED

Visc.-Sec.

W.L.-C.C.

FL TR. CK. MUD

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	#200		
CALGON	#200		
AGRITE	#100		
GEL	#2500		

Driller Brian Besteboer

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5354	5384	30	D			68 (VARIES)	1.5	700 350	5	65	6	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						RIG SERVICE & B.O.P. (OK.)
815	830	¼						CIRC @ 3500 - GOOD RETURNS
830	930	1						RUN IN TO BOTTOM
930	1030	1						BREAK CIRC.
1030	400	5½						DRILLING W/ AIREATED MUD
								FALCON WORK DOUBLE SHIFT ON D-8 WALK DOWN BRUSH PILES
								WORK ON D-8

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
53	Stands D.P.		
2	Singles D.P.	4931.64	Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
FLOAT SUB	Subs O.D.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	14.34	Ft.
	Total	5456.00	Ft.

Wt. of String 108,000 Lbs.

Pipe in Hole 161 Jts.

Pipe on Racks 53 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD	
Bit No.	24
Size	6¼
Mfg.	SEC.
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	
Depth In	5354
Total Ftg.	102
Total Hr. Run	13½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time

Weight AERATED MUD

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

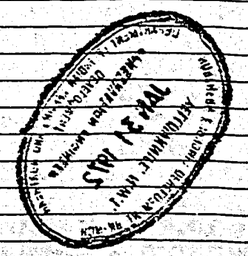
Type	Amt.	Type	Amt.
GEL	#2500		
CALGON	150#		
AGRITE	150#		

Driller

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5384	5456	72	P			65	18	400 600	5	52	6	—	G

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8						DRILLING W/ AIREATED MUD.



No. 6438

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well No. Desatta et al Gulf Fee #1 Field Texas
Location — Lse. — Sec. — Twp. — Rge. — W. — M. Jan 24 1972

Weather Condition — 20 | Road Conditions | Nearest Town | Water - Source Slough | Camp Distance from Rig 200 yds.
Miles Hauled 8 | Pumped | Reason for Extra L. Plant

OPERATOR: Western Oil Atlas

Rig No. 3 | Drill Pipe String: No. 2, Size 5½ | Tool Joint: Type Thd. I.F., O.D. 4½
Rig DWKS 525

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Japan	36# K55	17	554	12.50	550	
7	Smls.	23# J55	81	3838	12.50	2830	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	6
Size	1 1/8
Feet Slipped	135
Feet Cut Off	180
Present Length	3870
Ton Mi. or Trips Since Last Cut	144
Cumulative Ton Mi. or Trips	9623
No. of Days From Spud	50
Cumulative Rotating Hrs.	469 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
52	Stands D.P.		Ft.
2	Singles D.P.	4839.14	Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		12.34 Ft.
	Total		5354.00 Ft.

Wt. of String 100,000 lbs.
Pipe in Hole 158 Jts.
Pipe on Racks 56 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller L. D. McCarthy

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12	8	8						Rig up for air

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
52	Stands D.P.		Ft.
2	Singles D.P.	4839.14	Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		12.34 Ft.
	Total		5354.00 Ft.

Wt. of String 100.000 Lbs.
Pipe in Hole 158 Jts.
Pipe on Racks 56 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T. 4
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8	4	8						Rig up for air Lay Blewey line; lay air line from compressors to Rig, etc. Put up prefabs Falcon working road -6 work on D-8 -5 move fuel tank for D-8

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

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

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Leon McCarthy

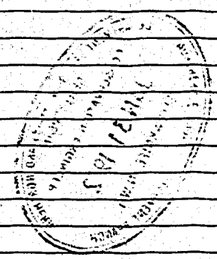
FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4	12.00							Rig up for air



No. 6437

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well No. Breathwait & Gulf Ambers Stanley I 54
Location — Lse. Sec. Twp. Rge. W. M.
Date Jan. 23 19 72

Weather Condition -12 | Road Conditions | Nearest Town | Water - Source Slough | Miles Hauled 8 | Pumped | Camp Distance from Rig 200 yds | Reason for Extra L. Plant

OPERATOR: Western Gratta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 | Drill Pipe String No. 2 Size 3½ | Tool Joint 4½ O.D. | Type Thd. I.F.
DWKS 525

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Capan	36# K55	17	554	12.50	550	
7	Mon.	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			3
Drilling Actual			
Reaming Break Circ.	1¼		
Conditioning Mud & Circulating			
Trips	3¼		2½
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line	1		
Repair Rig	1½		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	2	8	2½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1⅛
Feet Slipped	135
Feet Cut Off	180
Present Length	3870
Ton Mi. or Trips Since Last Cut	144
Cumulative Ton Mi. or Trips	9623
No. of Days From Spud	49
Cumulative Rotating Hrs.	469¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.		Ft.
2	Singles D.P.	4839.14	Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		12.34 Ft.
	Total		5354.00 Ft.
Wt. of String		100,000	lbs.
Pipe in Hole		158	Jts.
Pipe on Racks		56	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	24
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	
Depth In	5354
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#2000		
CAUSTIC	#100		

Driller: Keith McCathern

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.		Ft.
2	Singles D.P.	4839.14	Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		12.34 Ft.
	Total		5354.00 Ft.
Wt. of String		100,000	Lbs.
Pipe in Hole		158	Jts.
Pipe on Racks		56	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	24
Size	6¼
Mfg.	SEC.
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	
Depth In	5354
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: T.N.T. | Reg. Hrs. 21 | O.T. Hrs.
Trucker | Trucker | Trucker

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#7100		
SAWDUST	100sxs.		
CAUSTIC	#50		

Driller: Brian Bertilson

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.		Ft.
2	Singles D.P.	4839.14	Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		12.34 Ft.
	Total		5354.00 Ft.
Wt. of String		102,000	lbs.
Pipe in Hole		158	Jts.
Pipe on Racks		56	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	24
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	323261
Depth Out	
Depth In	5354
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#3000		

Driller: Keith McCathern

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5354													

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

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	1 30	1 1/2						TRIP OUT FOR BIT AND
								RUN IN TO 2800'
1 30	2 30	1						SLIP 45' OF LINE & CUT 90'
2 30	4 00	1 1/2						CHANGE WASH PIPE & PACKING
4 00	5 00	1						FINISHED IN W/ BIT NO. 24
5 00	5 15	1/4						BREAK CIR STARTED TO DRILL LOST CIRC.
5 15	8 00	3/4						PULL OUT INTO CASING.
12 00	8 00	2						MIXING LOST CIRC. MAT.
								Fuel 2 ft. Gain at 700 P.M.

FOOTAGE / FORMATION

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

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

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	10 45	2¾						MIXING LOST CIRC. MATERIAL
10 45								PUMP HEAVY GEL & SAWDUST MIXTURE
								DOWN PIPE (REGAINED PARTIAL RETURNS)
		1						FORMATION TAKING APPROX. 3 bbls/min.
								PUMPED APPROX. 210 bbls GEL & LOST
	11 45							CIRC. MATERIAL DOWN DRILL PIPE
11 45	4 00	4¼						MIX LOST CIRC. MATERIAL & WAIT ON
								WATER
								FALCON WORK ON ROAD - 13 D-8

FOOTAGE / FORMATION

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

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

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	6 00	2						PUMP MUD DOWN PIPE (PARTIAL RETURNS)
								FORMATION TAKING APPROX. 2 bbls/min.
								PUMPED APPROX. 210 bbls MUD & SAWDUST
								AWAY
6 00	6 30	1/2						MIX MUD.
6 30	7 30	1						RUN IN TO BOTTOM. PULL MOUSE
7 30	8 30	1						HOLE & MOVE FALSE FLOOR
8 30	10 00	1 1/2						PULL OUT OF HOLE TO RECEIVER
10 00	12 00	2						TEAR OUT TABLE AND FALSE
								FLOOR TO INSTALL GRANT HEAD.

No. 6436

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease and Well Name: Shell et al Gulf Amoss. Whigley I 54
Location — Lsd. — Sec. — Twp. — Rge. — W. — M.
Date: Jan. 22 1972
Weather Condition: -15 | Road Conditions | Nearest Town | Water - Source: Clearwater | Miles Hauled: 8 | Pumped | Camp Distance from Rig: 200 yds. | Reason for Extra L. Plant

OPERATOR: Western Shell

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A Lilal

Rig No. 3 | Ideco DWKS 525 | Drill Pipe String: No. 2, Size 3½ | Tool Joint 4½ O.D. | Type Thd. I-F

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gilwell	2148	14
2.	Gilwell	2148	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	32# K55	17	554	12.50	550	
TUBING OR LINER	7	Japan	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	7¾	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			1/2
Lubricate Rig		¼	
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1 1/8
Feet Slipped 90
Feet Cut Off 90
Present Length 39.60
Ton Mi. or Trips Since Last Cut 491
Cumulative Ton Mi. or Trips 9407
No. of Days From Spud 48
Cumulative Rotating Hrs. 469 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
51	Stands D.P.	Ft.
2	Singles D.P.	4747.62 Ft.
	D.C. I.D. O.D.	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	20.86 Ft.
	Total	5271.00 Ft.
Wt. of String		98,000 Lbs.
Pipe in Hole		155 Jts.
Pipe on Racks		59 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	23
Size	6¼
Mfg.	SEC
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306544
Depth Out	
Depth In	5121
Total Ftg.	150
Total Hr. Run	24 1/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	400	700
Weight	8.8	8.9	8.9
Visc.-Sec.	34	33	34
W.L.-C.C.			
FL TR. CK.			
PH	8.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC		50#	

Driller: L. McLauchlan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5231	5271	40	D			72	15	850	5	60	6		(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	8⁰⁰	8						DRILLING 6¼" HOLE
								Fuel 3 ft. 6 in 700 a.m.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
52	Stands D.P.	4777.40 Ft.
	Singles D.P.	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	37.58 Ft.
	Total	5318.00 Ft.
Wt. of String		98,000 Lbs.
Pipe in Hole		156 Jts.
Pipe on Racks		58 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	23
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306544
Depth Out	IN
Depth In	5121
Total Ftg.	197
Total Hr. Run	32
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges: Trucker T-N-T — Reg. Hrs. 14 — O.T. Hrs.
Trucker
Trucker

MUD RECORD

Time	900	12:00	3:00
Weight	8.8	8.8	8.8
Visc.-Sec.	34	34	34
W.L.-C.C.			
FL TR. CK.			
PH	10	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC #50			

Driller: Brian Berthiaume

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5271	5318	47	D			72	15	850	5	60	6	-	(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
900	8⁷⁵	¼						RIG SERVICE & B.O.P. ✓ (O.K.)
8⁷⁵	400	7¾						DRILLING 6¼" HOLE
								FALCON, WORK ON BRUSH PILES ON ROAD 14½ D-8

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
52	Stands D.P.	Ft.
2	Singles D.P.	4839.14
	D.C. I.D. O.D.	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	12.34 Ft.
	Total	5354.00 Ft.
Wt. of String		100,000 Lbs.
Pipe in Hole		158 Jts.
Pipe on Racks		56 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	23
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306544
Depth Out	5354
Depth In	5121
Total Ftg.	233
Total Hr. Run	39¼
Cond. of Bit	1-7-1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	6.00	9.00	12:00
Weight	8.8	8.9	T
Visc.-Sec.	34	34	R
W.L.-C.C.			
FL TR. CK.			I
PH	10.5	11.0	P
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McLauchlan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5318	5354	36	D			72	15	850	5	60	6	-	(5)

Deviation Record: Depth 5354 | Dev. 6° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	11¹⁵	7¼						DRILLING 6¼" HOLE
11¹⁵	11³⁰	¼						SURVEY & RIG SERVICE
11³⁰	12⁰⁰	½						TRIP FOR BIT

DEPARTMENT OF MINES AND NATURAL RESOURCES ... SCALE 1 INCH = 1 MILE ... APPROVED

No. 6435

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease: Sealtest et al Gulf Oakes
Well No. 3
Location: Lsd. — Sec. — Twp. — Rge. — W. — M.: Wrigley I 54
Date: Jan. 21 72

Weather Condition: 10 Below | Road Conditions | Nearest Town | Water - Source: Slough | Miles Hauled: 8 | Pumped | Camp Distance from Rig: 200 yds | Reason for Extra L. Plant

OPERATOR: Eastern Dealtr

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Swild

Rig No. 3 Ideco DWKS 525 | Drill Pipe String: No. 2, Size 3½ | Tool Joint 4½ O.D. | Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER	7	Mann.	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5	7¾	7¾
Reaming			
Conditioning Mud & Circulating			
Trips	2¾		
Lubricate Rig		¼	¼
Deviation Survey	1¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	6	9	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1/8
Feet Slipped 90
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 1491
Cumulative Ton Mi. or Trips 9407
No. of Days From Spud 47
Cumulative Rotating Hrs. 446¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
50	Stands D.P.	4593.94	Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.54	Ft.
	Total	5125.00	Ft.
	Wt. of String	98,000	Lbs.
	Pipe in Hole	150	Jts.
	Pipe on Racks	64	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD		
Bit No.	22	23
Size	6¼	6¼
Mfg.	SEC	SEC
Type	S88	S88
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	327324	306544
Depth Out	5121	
Depth In	4860	5121
Total Ftg.	261	4
Total Hr. Run	30½	¾
Cond. of Bit	2-2-1	IN
Reamer No.		
Reamer Type		

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

MUD RECORD			
Time	100	400	700
Weight	8.7	8.7	8.7
Visc.-Sec.	36	34	
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McCutcheon

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5084	5125	41	D			72	15	850	5	60	6		(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	5121	6°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	4 15 00	4¼						DRILLING
415	4 30	¼						SURVEY + RIG SERVICE
430	7 15	2¾						TRIP FOR BIT
7 15	8 00	¾						DRILLING

Fuel 4 ft. 8 inches.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
50	Stands D.P.		Ft.
2	Singles D.P.	4655.30	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.18	Ft.
	Total	5180.00	Ft.
	Wt. of String	98,000	Lbs.
	Pipe in Hole	152	Jts.
	Pipe on Racks	62	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD		
Bit No.	23	
Size	6¼	
Mfg.	SEC.	
Type	SBB	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	306544	
Depth Out	IN	
Depth In	5121	
Total Ftg.	59	
Total Hr. Run	8½	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker I.N.T. 11
Trucker
Trucker

MUD RECORD			
Time	800	1200	4:30
Weight	8.7	8.7	8.7
Visc.-Sec.	32	34	34
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5130	5180	55	D			72	15	850	5	60	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						RIG SERVICE & B.O.P.'s (O.K.)
815	400	7¾						DRILLING 6¼" HOLE
								WORK ON ROAD - 12
								D-8

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.		Ft.
1	Singles D.P.	4716.42	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.01	Ft.
	Total	5231.00	Ft.
	Wt. of String	98,000	Lbs.
	Pipe in Hole	154	Jts.
	Pipe on Racks	60	Jts.
	Total Pipe on Lease	214	Jts.

BIT RECORD		
Bit No.	23	
Size	6¼	
Mfg.	SEC	
Type	SBB	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	306544	
Depth Out		
Depth In	5121	
Total Ftg.	110	
Total Hr. Run	16¼	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

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

MUD RECORD			
Time	6:00	9:00	12:00
Weight	8.7	8.7	8.7
Visc.-Sec.	33	32	34
W.L.-C.C.			
FL TR. CK.			
PH	10:0	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

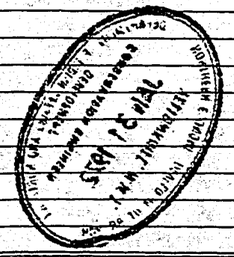
Type	Amt.	Type	Amt.

Driller: Brian Bertelson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5180	5231	51	D			72	15	850	5	60	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	11 45	7¾						DRILLING
1145	1200	¼						RIG SERVICE AND CHECK BOP'S.



No. 6434

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease: Beatta, et al Gulf Amhess — Well No.: Whisler F-54 — Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. — Date: Jan. 20 1972

Weather Condition: -15 — Road Conditions: — Nearest Town: — Water - Source: Slough — Miles Hauled: 8 — Pumped: — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plants:

OPERATOR: Western Desta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sidal

Rig No. 3 — Odeco DWKS 525

Drill Pipe String: No. 2 — Size 5½ — Type Thd. I.F.

Tool Joint 4½ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
CASING	9 5/8	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER	7 Mon.		23# J55	81	2838	12.50	2820	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	9
Size	1 1/8
Feet Slipped	90
Feet Cut Off	90
Present Length	3960
Ton Mi. or Trips Since Last Cut	396
Cumulative Ton Mi. or Trips	9312
No. of Days From Spud	46
Cumulative Rotating Hrs.	425 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
48	Stands D.P.	4411.25	Ft.
	Singles D.P.		Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.33	Ft.
	Total	4950.00	Ft.
Wt. of String		98,000	Lbs.
Pipe in Hole		144	Jts.
Pipe on Racks		70	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	22	
Size	6¼	
Mfg.	SEC	
Type	S88	
Nozzle No.	Nil	
Nozzle Size		
Ser. No.	327324	
Depth Out		
Depth In	4860	
Total Ftg.	90	
Total Hr. Run	10½	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	100	400	700
Weight	8.5	8.5	8.6
Visc.-Sec.	35	32	34
W.L.-C.C.			28.6
FL TR. CK.			—
PH	8.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100	#	
PELTEX	100	#	

Driller: Jim McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4884	4950	66	D			74	15	900	5	60	6		S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	8						DRILLING 6¼" HOLE
								FUEL 4 ft. 5 in. at 708 AM.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.	4502.94	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	14.54	Ft.
	Total	5020.00	Ft.
Wt. of String		98,000	Lbs.
Pipe in Hole		147	Jts.
Pipe on Racks		67	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	22	
Size	6¼	
Mfg.	SEC.	
Type	S88	
Nozzle No.	Nil	
Nozzle Size		
Ser. No.	327324	
Depth Out	IN	
Depth In	4860	
Total Ftg.	160	
Total Hr. Run	18¼	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker INT — 19 — HRS

Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	8.6	8.6	8.7
Visc.-Sec.	30	30	34
W.L.-C.C.			
FL TR. CK.			
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#2000		

Driller: Brian Burtetson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4950	5020	70	D			72	15	850	5	60	6	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						RIG SERVICE B.O.P. & V MOTOR SHUT-OFF (O.K.)
815	400	7¾						DRILLING 6¼" HOLE.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.		Ft.
2	Singles D.P.	4563.20	
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	18.28	Ft.
	Total	5084.00	Ft.
Wt. of String		98,000	Lbs.
Pipe in Hole		149	Jts.
Pipe on Racks		65	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	22	
Size	6¼	
Mfg.	SEC.	
Type	S88	
Nozzle No.	Nil	
Nozzle Size		
Ser. No.	327324	
Depth Out		
Depth In	4860	
Total Ftg.	224	
Total Hr. Run	26 1/4	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	500	8:00	11:00
Weight	8.7	8.7	8.7
Visc.-Sec.	33	34	35
W.L.-C.C.			
FL TR. CK.			
PH	11.0	10.0	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	2800#		
CAUSTIC	50#		

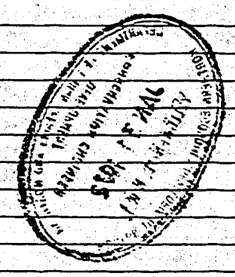
Driller: Jim McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5020	5084	64	D			72	15	850	5	60	6	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8						DRILLING 6¼" HOLE



No. 6433

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Sealta et al Gulf Embree Date: Jan. 19 1972
Location — Ld. ___ Sc. ___ Twp. ___ Rge. ___ W. ___ M. Kingston I SP

Weather Condition: 10 Windy | Road Conditions | Nearest Town | Water - Source: Slough | Miles Hauled: 8 | Pumped | Camp Distance from Rig: 200 yds | Reason for Extra L. Plant

OPERATOR: Western Sealta

SIGNATURE OF OPERATOR'S REPRESENTATIVE: —

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Bield

Rig No. 3 Oilers DWKS 525 | Drill Pipe String: No. 2, Size 5½ | Tool Joint 4½ O.D. | Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jayton	36# K55	17	554	12.50	550	
7	Mann.	23# J55	81	2839	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			2½
Reaming			
Conditioning Mud & Circulating			
Trips	5¾	2¾	4 3½
Lubricate Rig			¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement ORDERS		1	
Drill Stem Test	4¼	3¾	
Other	1	1	1¾
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M100992
No. of Lines 8 Size 1 1/8
Feet Slipped 90
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 396
Cumulative Ton Mi. or Trips 9312
No. of Days From Spud 45
Cumulative Rotating Hrs. 402

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
47	Stands D.P.	4319.68	Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. I.D. 2 1/4	O.D. 4 3/4	502.52 Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.	5 1/4	25 Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ___ Lbs.
Pipe in Hole ___ Jts.
Pipe on Racks ___ Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

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

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

MUD RECORD

Time			
Weight			8.5
Visc.-Sec.			35
W.L.-C.C.			—
FL TR. CK.			—
PH			8.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. McLauchlan

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	115	1¼						RUN IN DST NO. 1 #
115	130	¼						HEAD UP TEST.
130	530	4						WELL ON TEST
530	700	1½						PULL TEST NO. 1 #
700	800	1						BREAK DOWN TOOL
								D.S.T #1 3990–4185
								FUEL 5 ft. 6 min.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
47	Stands D.P.	4319.68	Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. I.D.	O.D.	502.52 Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
TEST	Subs O.D.		39.75 Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ___ Lbs.
Pipe in Hole ___ Jts.
Pipe on Racks ___ Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T 8
Trucker ___
Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
900	900	1						WAIT ON ORDERS
900	1000	1						MAKE UP TEST TOOL
1000	1145	1¾						RUN IN W/ D.S.T. #2
1145	1200	¼						HEAD UP TEST
1200	330	3½						WELL ON TEST WET
330	400	½						PULL TEST No. #2 (40 STD. & 2 SINGLES FLUID
								FALCON HAUL FUEL
								CLEAN ROAD ICE BRIDGE (3720' FLUID.)
								D.S.T. #2 - INTERVAL - 4515–4860

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
47	Stands D.P.		Ft.
1	Singles D.P.	4350.78	Ft.
	D.C. I.D. 2 1/4	O.D. 4 3/4	
18			502.52 Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		30.70 Ft.
	Total		4884.00 Ft.

Wt. of String 95,000 Lbs.
Pipe in Hole 142 Jts.
Pipe on Racks 72 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	22
Size	6 1/4
Mfg.	SEC.
Type	988
Nozzle No.	NIL
Nozzle Size	
Ser. No.	327324
Depth Out	
Depth In	4860
Total Ftg.	24
Total Hr. Run	2½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	500	800	1100
Weight	FR		8.5
Visc.-Sec.			34
W.L.-C.C.			—
FL TR. CK.			—
PH			8.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. McLauchlan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4860	4884	24	D			74	15	900	5	60			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	530	1½						FINISH OUT W/ TEST #2 (40 WET STDS.)
530	715	1¾						LAY DOWN TOOL & SERVICE SAME
715	915	2						RUN IN W/ BIT NO. 22
915	930	¼						RIG SERVICE / CHECK BOPE OK.
930	1200	2½						DRILLING 6¼" HOLE
								FALCON

PROVINCIAL GOVERNMENT OF ALBERTA DEPARTMENT OF MINES AND MINERALS

No. 6432

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease and Well No. Dealtastel Gulf Amber Wrigley I-54 | Location — Lsd. — Sec. — Twp. — Rge. — W. — M. | Date Jan. 18 1972

Weather Condition -25 | Road Conditions | Nearest Town | Water - Source Steugh, Miles Hauled, Pumped | Camp Distance from Rig 200 yds. | Reason for Extra L. Plant

OPERATOR: Western Dealtastel

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Reid

Rig No. 3 Loco DWKS 525 | Drill Pipe String No. 2 Size 3½ | Tool Joint 4½ O.D. | Type Thd. IF

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
CASING	9 5/8	Japan.	36# K55	17	554	12.50	550	
TUBING OR LINER	7	Mun.	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION — HOURS

	Morn.	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	5¾	6¼	2¾
Reaming			
Conditioning Mud & Circulating			1
Trips	2	1¼	2¼
Lubricate Rig		¼	
Deviation Survey	1/4		¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			1¼
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement MAKE UP			1½
Drill Stem Test			
Other BREAK CIRC.		¼	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1⅛
Feet Slipped 90
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 218
Cumulative Ton Mi. or Trips 9134
No. of Days From Spud 44
Cumulative Rotating Hrs. 399 1/2

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
46	Stands D.P.	Ft.
1	Singles D.P.	4258.93 Ft.
	D.C.	
	I.D. O.D.	Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	19.56 Ft.
	Total	4781.00 Ft.
Wt. of String		91,000 Lbs.
Pipe in Hole		139 Jts.
Pipe on Racks		75 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	20	21
Size	6 1/4	6 1/4
Mfg.	SEC	SEC
Type	S88	S88
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	322872	327333
Depth Out	4781	
Depth In	4456	4781
Total Ftg.	331	
Total Hr. Run	32¼	
Cond. of Bit	2-4-I	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	100	400	700
Weight	8.5	8.5	T
Visc.-Sec.	28	28	P
W.L.-C.C.			
FL TR. CK.			I
PH	9.0	9.0	P
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McCallum

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4722	4781	59	D			60	20	1200	6	48	6	-	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	4781	5½°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	545	5¾						DRILLING
545	600	¼						SURVEY
600	800	2						TRIP FOR BIT
								NOTE LOSEING FLUID INTO FORMATION. APP 25 BBLS. 40 BBLS
								FUEL 3 ft. 3 cat 8 cam.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
46	Stands D.P.	Ft.
2	Singles D.P.	4289.32 Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52 Ft.
	D.C.	
	I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.16 Ft.
	Total	4834.00 Ft.
Wt. of String		91,000 Lbs.
Pipe in Hole		140 Jts.
Pipe on Racks		74 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	21	
Size	6¼	
Mfg.	SEC.	
Type	S88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	327333	
Depth Out		
Depth In	4781	
Total Ftg.	53	
Total Hr. Run	6¼	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker IN TO 15
Trucker
Trucker

MUD RECORD

Time	9:00	12:00	3:00
Weight	8.5	8.6	8.6
Visc.-Sec.	28	30	33
W.L.-C.C.			
FL TR. CK.			
PH	9.0	8.5	8.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#2700		

Driller: Evan Bustetar

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4781	4834	53	D			60	20	1200	6	48	6	-	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS (O.K.)
300	815	¼						RIG SERVICE - B.O.P.V. - MOTOR SHUT-OFFS
815	930	1¼						FINISH IN W/BIT #21
930	945	¼						BREAK CIRC.
945	400	6¼						DRILLING 6¼" HOLE.
								FALCON: HAUL FUEL -5
								BLADE AIRSTRIP-4
								WORK ON RAMP TO ICE BRIDGE-4
								NOTE: LOST APPROX. 30 BBLS. TO FORMATION.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
47	Stands D.P.	4319.68 Ft.
	Singles D.P.	Ft.
18	D.C. I.D. O.D.	502.52 Ft.
	D.C.	
	I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	37.80 Ft.
	Total	4860.00 Ft.
Wt. of String		92,000 Lbs.
Pipe in Hole		141 Jts.
Pipe on Racks		73 Jts.
Total Pipe on Lease		214 Jts.

BIT RECORD

Bit No.	21	
Size	6¼	
Mfg.	SEC.	
Type	S88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	327333	
Depth Out	4860	
Depth In	4781	
Total Ftg.	79	
Total Hr. Run	9	
Cond. of Bit	1-1-1	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	5:00	9:00	12:00
Weight	8.6		
Visc.-Sec.	34	TR	10
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McCallum

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4834	4860	26	D			68	20	1200	6		6	48	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	4860	5½°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	600	2						DRILLING 6¼" HOLE
600	615	¼						WORK ON OIL PUMP & COMPOUND
615	700	¾						DRILLING
700	800	1						CIRC. TO COND. HOLE PRIOR TO
800	815	¼						SURVEY
815	1000	1¾						HOIST OUT TO TEST. MEASURE
								OUT, NO CHANGE IN PIPE TALLY
1000	1130	1½						PICK UP AND MAKE TEST TOOL
1130	1200	½						RUN IN W/ DST NO. 1
								NOTE: CHANGED TO 5" HEADS & LINERS IN No. 1 PUMP

GOVERNMENT OF THE NORTHWEST TERRITORIES — OIL AND GAS OPERATIONS

No. 6431

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Name: Dealtor et al Griffin Amber — Well No. 1-34 — Location — Lsd. — Sec. 34 Twp. — Rge. — W. — M.

Date: Jan. 17 1972

Weather Condition: -25 — Road Conditions — Nearest Town — Water - Source: Slough — Miles Haul: 3 — Pumped — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plant

OPERATOR: Western Dealtor

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Enid

Rig No. 3 — Ideco DWKS 525 — Drill Pipe String: No. 2, Size 3½ — Tool Joint 4½ O.D. — Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214B	14
2.	Oilwell	214B	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Japan	36# K55	17	554	12.50	550	
7	Imem.	23# J55	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾	6½	7¼
Reaming			
Conditioning Mud & Circulating	1¼	1¼	
Trips			
Lubricate Rig		¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1 1/8
Feet Slipped	90
Feet Cut Off	90
Present Length	3960
Ton Mi. or Trips Since Last Cut	40
Cumulative Ton Mi. or Trips	3916
No. of Days From Spud	43
Cumulative Rotating Hrs.	384

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
44	Stands D.P.	4044.06	Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.42	Ft.
	Total	4570.00	Ft.

Wt. of String 90,000 Lbs. — Pipe in Hole 132 Jts. — Pipe on Racks 82 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	20
Size	6¼
Mfg.	SEC
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	322817
Depth Out	
Depth In	4450
Total Ftg.	120
Total Hr. Run	12¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	400	700
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.		36.0	
FL TR. CK.		—	
PH	11.0	120	12.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Ed. McLaren

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4497	4570	73	D			70	20	1000	6		6	43	(3)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	600	6						DRILLING
600	715	1¼						CIRC SAMPLE AND WAIT ON ORDERS
715	800	¾						DRILLING

FUEL 4 ft. 4 inches at 7:00 am.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
44	Stands D.P.		Ft.
2	Singles D.P.	4105.17	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.31	Ft.
	Total	4645.00	Ft.

Wt. of String 90,000 Lbs. — Pipe in Hole 134 Jts. — Pipe on Racks 80 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	20
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	322817
Depth Out	IN
Depth In	4450
Total Ftg.	195
Total Hr. Run	18¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T — 16 — Trucker — Trucker

MUD RECORD

Time	9.00	1200	300
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.	—	—	—
FL TR. CK.			
PH	11.0	11.0	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4570	4645	75	D			68	20	1100	6	52	6	—	(6)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	900	1						DRILLING 6¼" HOLE
900	1015	1¼						CIRC. SAMPLE AND WAIT ON ORDERS
1015	1030	¼						RIG SERVICE & B.O.P.V & V MOTOR SHUT-OFFS
1030	400	5½						DRILLING 6¼" HOLE (O.K.)

FALCON WORK ON ROAD TO ICE BRIDGE

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
45	Stands D.P.		Ft.
2	Singles D.P.	4196.60	Ft.
18	D.C. 2¼ I.D.	4¾ O.D.	502.52 Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	22.88	Ft.
	Total	4722.00	Ft.

Wt. of String 90,000 Lbs. — Pipe in Hole 137 Jts. — Pipe on Racks 77 Jts. — Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	20
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	322817
Depth Out	
Depth In	4450
Total Ftg.	272
Total Hr. Run	26½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5.00	8.00	11.00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.	—		
FL TR. CK.			
PH	10.5	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Ed. McLaren

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4645	4722	77	D			60	20	1200	6	48	6		(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	930	5½						DRILLING 6¼" HOLE.
930	945	¼						RIG SERVICE
945	1200	2¼						DRILLING

U.S. GEOLOGICAL SURVEY CONSERVATION DIVISION ANCHORAGE, ALASKA

No. 6430

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well No. Sealth et al Gulf Ambass. Langley J 54 — Date Jan. 16 1972

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

Weather Condition 25 Below — Road Conditions — Nearest Town — Water - Source Slough — Miles Hauled 3 — Pumped ___ — Camp Distance from Rig 2000 ft. — Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. Ideco DWKS 525

Drill Pipe String: No. 2 — Size 5 1/2

Tool Joint: Type Tbd. — 4 1/2 O.D. — I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
CASING	9 5/8	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER	7	Smum.	23# J55	81	2838	12.50	2850	

TIME DISTRIBUTION—HOURS

	Mor.	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	5	5 1/2
Reaming			
Conditioning Mud & Circulating		1/4	
Trips		1/4	1 3/4
Lubricate Rig		1/4	
Deviation Survey		1/4	
Test B.O.P.			
Cut Off Drilling Line			1/2
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Breakin			1/4
Fishing			

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

Totals 8 8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 — Size 1/16

Feet Slipped 90

Feet Cut Off 90

Present Length 3960

Ton Mi. or Trips Since Last Cut 40

Cumulative Ton Mi. or Trips 8916

No. of Days From Spud 42

Cumulative Rotating Hrs. 363 3/4

THERE WAS 6 1/4 HRS ADDED THAT WASN'T PUT IN EARLIER

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	3861.00	Ft.
	Singles D.P.		Ft.
	D.C.		Ft.
	I.D. O.D.		
18	D.C. 2 1/4 4 3/4 I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	26.48	Ft.
	Total	4390.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 126 Jts.

Pipe on Racks 88 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	19
Size	6 1/4
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306418
Depth Out	
Depth In	4115
Total Ftg.	275
Total Hr. Run	29 1/4
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	100	400	700
Weight	8.6	8.6	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.	33.0	—	—
FL. TR. CK.	—	—	—
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A. Field

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4305	4390	85	D			68	20	1100	6	52	6	—	(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	8						DRILLING 6 1/4" HOLE
								FILL 2 FT 10 IN

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	3921.40	Ft.
2	Singles D.P.		
18	D.C. 2 1/4 4 3/4 I.D. O.D.	502.52	Ft.
	D.C.		Ft.
	I.D. O.D.		
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	26.08	Ft.
	Total	4450.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 128 Jts.

Pipe on Racks 86 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No	19
Size	6 1/4
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306418
Depth Out	4450
Depth In	4115
Total Ftg.	335
Total Hr. Run	34 1/4
Cond. of Bit	3-6-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T. — 10

Trucker ___

Trucker ___

MUD RECORD

Time	9:00	1200	300
Weight	8.5	8.5	1
Visc.-Sec.	28	28	R
W.L.-C.C.	—	—	
FL TR. CK.			
PH	10.5	10.5	1
SD. Cont. %			P.
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Berstiken.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4390	4450	60	D			68	20	1100	6	52	6	—	(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
4450	4 1/8							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS (G.K.)
800	815	1/4						RIG SERVICE; B.O.P.V & V MOTOR & HUT-OFFS.
815	115	5						DRILLING 6 1/4" HOLE.
115	230	1 1/4						CIRC; WAIT ON ORDERS (POSSIBLE TEST)
230	245	1/4						SURVEY
245	400	1 1/4						HOIST OUT FOR BIT CHANGE.
								FALCON HAUL FUEL — 5
								BLADE ROAD — 6
								WORK ON D-7 — 2

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
43	Stands D.P.	3951.91	Ft.
	Singles D.P.		Ft.
	D.C.		Ft.
	I.D. O.D.		
18	D.C. 2 1/4 4 3/4 I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.57	Ft.
	Total	4497.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 129 Jts.

Pipe on Racks 85 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	20
Size	6 1/4
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	322817
Depth Out	
Depth In	4450
Total Ftg.	47
Total Hr. Run	5 1/2
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	500	800	1100
Weight	T	8.5	8.5
Visc.-Sec.	R	28	28
W.L.-C.C.		—	38
FL TR. CK.	I	—	—
PH	P	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC		50#	

Driller Brian Berstiken

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4450	4497	47	D			68	20	1100	6	52	6		(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	430	1/2						SLIP 45' LINE.
430	115	3 3/4						RUN IN W/BIT #20
115	130	1/4						BREAK CIRC.
130	1200	5 1/2						DRILLING 6 1/4" HOLE.

KODAK S

No. 6429

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease and Well No. Acadia Stal Gulf Ambass. Date Jan. 15 1972

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. Wembley I-54

Weather Condition 25 Road Conditions

Nearest Town

Water Source Slough Camp Distance from Rig 200 yds

Miles Hauled ___ Purchased ___ Reason for Extra L. Plant

OPERATOR: Western Acadia

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. 3 Jones DWKS 525

Drill Pipe String: No. 2 Size 3½

Tool Joint 4½ O.D. Type Tbd. I.F.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sveld

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Japan	36# K55	17	554	12.50	550	
7	Mon.	23# J55	81	2858	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn.	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5¾	7¼	7¾
Reaming			
Conditioning Mud & Circulating			
Trips	1¼		
Lubricate Rig		¼	1¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	½		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	½		
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1.15
Feet Slipped	45
Feet Cut Off	90
Present Length	3960
Ton. Mi. or Trips Since Last Cut	523
Cumulative Ton. Mi. or Trips	8537
No. of Days From Spud	41
Cumulative Rotating Hrs.	339

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
39	Stands D.P.		Ft.
1	Singles D.P.	3617.09	Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	38.39	Ft.
	Total	4158.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 118 Jts.

Pipe on Racks 96 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	19
Size	6¼
Mfg.	SEC
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306419
Depth Out	
Depth In	4115
Total Ftg.	43
Total Hr. Run	5¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	100	400	700
Weight	T	8.6	8.6
Visc.-Sec.		28	28
W.L.-C.C.	R	26.0	26.0
FL TR. CK.			—
PH	P	9.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC		50#	
PEL TEX		100#	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4115	4158	43	D			68	20	1100	6	52			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12³⁰	½						CLEAN MUD TANK (SUCTION)
12³⁰	1⁰⁰	½						WORK ON DWKS COMPRESSOR DRIVE
1⁰⁰	2¹⁵	1¼						RUN IN IN BIT NO. 19
2¹⁵	8⁰⁰	5¾						DRILLING 6¼" HOLE

FUEL 3 ft. 11 in. at 7 A.M.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
40	Stands D.P.		Ft.
1	Singles D.P.	3708.44	Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.04	Ft.
	Total	4223.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 121 Jts.

Pipe on Racks 93 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	19
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306419
Depth Out	IN
Depth In	4115
Total Ftg.	~~108~~
Total Hr. Run	13½
Cond. of Bit	IN.
Reamer No.	
Reamer Type	

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

Trucker T.N.T 15

Trucker ___

Trucker ___

MUD RECORD

Time	9.00	12:00	3:00
Weight	8.6	8.6	8.6
Visc.-Sec.	28	28	28
W.L.-C.C.	29.6	25.6	25.8
FL TR. CK.			
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4158	4223	65	D			68	20	1100	6	52	6	—	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
~~8⁰⁰~~	8¹⁵	¼						RIG SERVICE; B.O.P'S & V MOTOR SHUT-OFFS (O.K.)
8¹⁵	4⁰⁰	7¾						DRILLING 6¾' HOLE.
~~4⁰⁰~~								

FALCON WORK ON D-7

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
41	Stands D.P.	3769.02	Ft.
	Singles D.P.		Ft.
	D.C.		
	I.D. O.D.		Ft.
18	D.C. 2¼ 4¾ I.D. O.D.	502.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	33.46	Ft.
	Total	4305.00	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 123 Jts.

Pipe on Racks 91 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	19
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306419
Depth Out	
Depth In	4115
Total Ftg.	190
Total Hr. Run	21¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.6	8.6	8.6
Visc.-Sec.	28	28	28
W.L.-C.C.			33.6
FL TR. CK.			
PH	11.0	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC		50#	
C-EL	2000	#	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
4223	4305	82	D			68	20	1100	6	52	6	—	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	10⁰⁰	6						DRILLING. 6¼" HOLE
10⁰⁰	10¹⁵	¼						RIG SERVICE / CHECK BOPS (O.K.)
10¹⁵	12⁰⁰	1¾						DRILLING

DEPARTMENT OF MINERAL RESOURCES CONSERVATION OKLAHOMA CITY, OKLAHOMA
SEP 13 1972
ATTACHMENT E - FORM 1000-1

No. 6428

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease: Beattie et al Gulf Amherst
Well No.: Stingley I-054
Location — Lsd. — Sec. — Twp. — Rge. — W. — M.
Date: Jan. 14, 1972
Weather Condition:
Road Conditions:
Nearest Town:
Water — Source: Slough. Miles Hauled — Pumped —
Camp Distance from Rig 2000 ft.
Reason for Extra L. Plant

OPERATOR: Western Leaseholds

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sidol

Rig No. 3 Ideco DWKS 525 | Drill Pipe String: No. 2, Size 3½ | Tool Joint: Type Tbd. A.F., 4½ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING OR TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝	Japan.	36# K55	17	554	1250	550	
	7	Man.	23# J-55	87	2838	1250	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	7¾	6¼
Reaming			
Conditioning Mud & Circulating			
Trips			1½
Lubricate Rig		¼	
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M 10092
No. of Lines	8 Size 1 1/8
Feet Slipped	45
Feet Cut Off	90
Present Length	3960
Ton Mi. or Trips Since Last Cut	583
Cumulative Ton Mi. or Trips	8837
No. of Days From Spud	40
Cumulative Rotating Hrs.	317 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
37	Stands D.P.		Ft.
0	Singles D.P.	3462.11	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	19.37	Ft.
	Total	3984.00	Ft.

Wt. of String: 86,000 Lbs.
Pipe in Hole: 113 Jts.
Pipe on Racks: 101 Jts.
Total Pipe on Lease: 214 Jts.

BIT RECORD

Bit No.	18
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306440
Depth Out	
Depth In	3800
Total Ftg.	184
Total Hr. Run	19
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	400	700
Weight	8.6	8.6	8.6
Visc.-Sec.	30	30	30
W.L.-C.C.	21.0	21.8	—
FL TR. CK.	—		
PH	11.0	12.5	—
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
PELTEX		200	#
CAUSTIC		50	#

Driller: Brian McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3900	3984	84	D			68	20	1100	6	52			(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	8⁰⁰	8						DRILLING 6¼" HOLE
								FUEL 4' 10"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
38	Stands D.P.		Ft.
1	Singles D.P.	3523.45	Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	38.03	Ft.
	Total	4064.00	Ft.

Wt. of String: 86,000 Lbs.
Pipe in Hole: 115 Jts.
Pipe on Racks: 99 Jts.
Total Pipe on Lease: 214 Jts.

BIT RECORD

Bit No.	1B
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306440
Depth Out	IN
Depth In	3800
Total Ftg.	264
Total Hr. Run	26¾
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.W.T. 15
Trucker
Trucker

MUD RECORD

Time	9:00	12:00	4:00
Weight	8.6	8.7	8.6
Visc.-Sec.	30	28	28
W.L.-C.C.	21.0	21.0	21.5
FL TR. CK.			
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertulsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3984	4064	80	D			68	20	1100	6	52	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS (O.K.)
8⁰⁰	8¹⁵	¼						RIG SERVICE. B.O.P'V & V MOTOR SHUT-OFFS
8¹⁵	4⁰⁰	7¾						DRILLING 6¼" HOLE.
								FALCON HAUL EXTRA CSG. RACK TO RIVER — 6
								BLADE ROAD — 4
								WEAR ON D7 — 2

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
39	Stands D.P.	3585.89	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ I.D. 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	26.59	Ft.
	Total	4115.00	Ft.

Wt. of String: 88,000 Lbs.
Pipe in Hole: 117 Jts.
Pipe on Racks: 97 Jts.
Total Pipe on Lease: 214 Jts.

BIT RECORD

Bit No.	1B
Size	6¼
Mfg.	SEC.
Type	S88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	306440
Depth Out	4115
Depth In	3800
Total Ftg.	315
Total Hr. Run	33
Cond. of Bit	2-8-1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5⁰⁰	8⁰⁰	11⁰⁰
Weight	8.6	8.6	8.6
Visc.-Sec.	28	28	T
W.L.-C.C.	20.5		P
FL TR. CK.			I
PH	11.0	11.0	P
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4064	4115	51	D			68	20	1100	6	52			(S)

Deviation Record: Depth 4115 | Dev. 4° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	10³⁵	6¼						DRILLING
10³⁵	10³⁰	¼						SURVEY
10³⁰	12⁰⁰	1½						PULL OUT OF HOLE

DEPARTMENT OF MINES AND NATURAL RESOURCES — OIL AND GAS CONSERVATION BOARD — FORT NELSON, B.C. — RECEIVED JAN 25

No. 6427

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Regal et al Gulf Anderson Kingham I-35 Date Jan 13, 1972

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

Weather Condition Blizzard Road Conditions Bad Nearest Town — Water - Source Raleigh Miles Hauled 8 Pumped — Camp Distance from Rig 200 yds. Reason for Extra L. Plant

OPERATOR Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER A. Field

Rig No. 3 Ideco DWKS 525 — Drill Pipe String No. 2 Size 3½ — Tool Joint 4½ O.D. — Type Thd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER	7	Man.	23# J-55	87	2838	12.50	2830	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	5	7¼
Reaming			
Conditioning Mud & Circulating			
Trips		2¼	
Lubricate Rig		¼	¼
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement BREAK CIRC.		¼	
Drill Stem Test			
Other Clear to 8 A.M.			
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines 8 Size	1⅛
Feet Slipped	45
Feet Cut Off	90
Present Length	3960
Ton Mi. or Trips Since Last Cut	453
Cumulative Ton Mi. or Trips	8767
No. of Days From Spud	39
Cumulative Rotating Hrs.	295 ¾

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
35	Stands D.P.	Ft.	Bit No.	17	Time	1:00	4:00	7:00
1	Singles D.P.	3246.74	Size	6 1/4	Weight	8.5	8.5	8.6
	D.C. 2¼ 4¾		Mfg.	SEC.	Visc.-Sec.	28	28	32
18	I.D. O.D.	502.52	Type	M88	W.L.-C.C.			
	D.C.		Nozzle No.	Nil in.	FL TR. CK.			
	I.D. O.D.	Ft.	Nozzle Size		PH	10.0	—	7.0
	Stb. Body O.D.	Ft.	Ser. No.	360762	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	3556				
	Subs O.D.	Ft.	Total Ftg.	232	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	29 ¾	Type	Amt.	Type	Amt.
	Kelly Down	38.74 Ft.	Cond. of Bit	IN	PELTEX		100#	
	Total	3788.00	Reamer No.					
Wt. of String	80,000 Lbs.		Reamer Type					
Pipe in Hole	106 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.			
Pipe on Racks	108 Jts.		Trucker					
Total Pipe on Lease	214 Jts.		Trucker					
			Trucker					

Driller L. D. Guthrie

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3713	3788	75	D			68	20	1100	6	52			S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8						DRILLING 6 1/4" HOLE
								FUEL 3 ft. 3 in. at 7:00 PM.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD			
36	Stands D.P.	3308.98 Ft.	Bit No.	17	18	Time	9:00	12:00	3:00
	Singles D.P.	Ft.	Size	6 1/4	6 1/4	Weight	8.6	8.6	8.6
	D.C. 2¼ 4¾		Mfg.	SEC.	SEC.	Visc.-Sec.	32	35	32
18	I.D. O.D.	502.53 Ft.	Type	M88	S88	W.L.-C.C.		25.0	15.2
	D.C.		Nozzle No.	Nil	Nil	FL TR. CK.			
	I.D. O.D.	Ft.	Nozzle Size			PH	8.0	8.0	8.0
	Stb. Body O.D.	Ft.	Ser. No.	360762	306440	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out	3800	IN.	Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	3556	3800.				
	Subs O.D.	Ft.	Total Ftg.	244	28	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	31/2	3¼	Type	Amt.	Type	Amt.
	Kelly Down	16.49 Ft.	Cond. of Bit	14-1	IN.	SODA ASH #	600		
	Total	3828.00 Ft.	Reamer No.			PELTEX #	100		
Wt. of String	81,000 Lbs.		Reamer Type						
Pipe in Hole	108 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.				
Pipe on Racks	106 Jts.		Trucker	T.N.T.	17				
Total Pipe on Lease	214 Jts.		Trucker						
			Trucker						

Driller Brian Bertelson

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3783	3828	40	D			68	20	1100	6	52	6	—	S

Deviation Record: Depth 3800 — Dev. 4° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS (O.K.)
8:00	8:15	¼						RIG SERVICE, B.O.P'S & MOTOR SHUT-OFFS
8:15	10:00	1¾						DRILLING
10:00	10:15	¼						SURVEY
10:15	12:30	2¼						TRIP FOR BIT CHANGE.
12:30	12:45	¼						BREAK CIRC.
12:45	4:00	3¼						DRILLING
								FALCON HAUL FUEL - 6
								WORK ON LIGHT PLANT @ RIVER-5

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
36	Stands D.P.	Ft.	Bit No.	18	Time	6:00	8:00	11:00
2	Singles D.P.	3370.34	Size	6 1/4	Weight	8.6	8.7	8.7
	D.C.		Mfg.	SEC.	Visc.-Sec.	39	38	30
	I.D. O.D.	502.52 Ft.	Type	S88	W.L.-C.C.	20.0	21	
	D.C.		Nozzle No.	Nil	FL TR. CK.			
	I.D. O.D.	Ft.	Nozzle Size		PH	8.0	10.5	11.5
	Stb. Body O.D.	Ft.	Ser. No.	306440	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	3800				
	Subs O.D.	Ft.	Total Ftg.	100	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	11	Type	Amt.	Type	Amt.
	Kelly Down	22.14 Ft.	Cond. of Bit	1N	Caustic	lbs		150
	Total	3900.00	Reamer No.		PELTEX		300#	
Wt. of String	82,000 Lbs.		Reamer Type					
Pipe in Hole	110 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.			
Pipe on Racks	104 Jts.		Trucker					
Total Pipe on Lease	214 Jts.		Trucker					
			Trucker					

Driller L. D. Guthrie

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3828	3900	72	D			68	20	1100	6	52	6	—	S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	10:00	6						DRILLING
10:00	10:15	¼						RIG SERVICE, MOTOR SHUT OFFS, BOPS OK)
10:15	12:00	1¾						DRILLING

No. 6426

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHESS WRIGLEY I-54
Location — Lsd. ___ Sec. 4 Twp. ___ Rge. ___ W. ___ M.

Date: JAN. 12 19 72

Weather Condition: -26 | Road Conditions | Nearest Town | Water - Source: SLOUGH Miles Hauled: 8 Pumped | Camp Distance from Rig: 200 yds. Reason for Extra L. Plant

OPERATOR: WESTEAN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Reid

Rig No. 3 DWKS IDECO | Drill Pipe String: No. 2, Size 5" | Tool Joint: 4½ O.D., Type Tbd. I.F.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	J.A.P.	36# K-55	17	554	12.50	550	
TUBING OR LINER	7	MAN.	23# J-5	81	2838	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¼	9¾	2¾
Reaming & REAM CIRC	¼		
Conditioning Mud & Circulating			
Trips	1½		
Lubricate Rig		1/4	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1⅛
Feet Slipped 45
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 394
Cumulative Ton Mi. or Trips 8708
No. of Days From Spud 38
Cumulative Rotating Hrs. 275

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
33	Stands D.P.		Ft.
2	Singles D.P.	3091.77	Ft.
18	D.C. 2¼ I.D. / 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.71	Ft.
	Total	3605.00	Ft.

Wt. of String 80,000 Lbs.
Pipe in Hole 101 Jts.
Pipe on Racks 113 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	17	
Size	6 1/4	
Mfg.	SEC.	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360762	
Depth Out	IN	
Depth In	3556	
Total Ftg.	49	
Total Hr. Run	6 1/4	
Cond. of Bit	IN.	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	4	400	700
Weight	8	8½	9.6
Visc.-Sec.	8	28	28
W.L.-C.C.			
FL TR. CK.	8		
PH		10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: [signature]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Comp'd-C
3556	3605	49	D			70	20	1100	6	56	6	—	(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1700	130	1½						FINISH OUT & RUN IN W/BIT #17
130	145	¼						BREAK CIRC & CLEAN TO BOTTOM.
145	800	6¼						DRILLING

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
34	Stands D.P.	3122.11	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ I.D. / 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	35.37	Ft.
	Total	3660.00	Ft.

Wt. of String 80,000 Lbs.
Pipe in Hole 102 Jts.
Pipe on Racks 112 Jts.
Total Pipe on Lease 114 Jts.

BIT RECORD

Bit No.	17	
Size	6 1/4	
Mfg.	SEC.	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360762	
Depth Out		
Depth In	3556	
Total Ftg.	104	
Total Hr. Run	14	
Cond. of Bit	IN.	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker T.N.T. 11 ___
Trucker ___
Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.6	9.6	8.6
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Burtelow

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Comp'd-C
3605	3660	55				70	20	1100	6	52	6	—	(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						RIG SERVICE & B.O.P.'s
815	400	7¾						DRILLING 6¼" HOLE
								FALCON HAULE FUEL 6
								WORK ON TRUCK 2

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
34	Stands D.P.		Ft.
2	Singles D.P.	3184.13	Ft.
18	D.C. 2¼ I.D. / 4¾ O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	26.35	Ft.
	Total	3713.00	Ft.

Wt. of String 80,000 Lbs.
Pipe in Hole 104 Jts.
Pipe on Racks 110 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	17	
Size	6¼	
Mfg.	SEC.	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360762	
Depth Out		
Depth In	3556	
Total Ftg.	157	
Total Hr. Run	21¾	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	6:00	8:00	10:00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: [signature]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Comp'd-C
3660	3713	53	D			70	20	1100	6	51	6		(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1100	900	5						DRILLING 6¼" HOLE
900	915	¼						RIG SERVICE AND CHECK BOPS.
915	1200	2¾						DRILLING

No. 6500

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA FL ATGULF AMERADA WRIGLEY I-54

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

Date: JAN 11 1972

Weather Condition: 40 CLEAR. Road Conditions:

Nearest Town:

Water — Source: SLOUGH Miles Hauled: 8 Pumped:

Camp Distance from Rig: 200 YRDS Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 DWKS IDECO

Drill Pipe String: No. 2, Size 3½

Tool Joint: 4½ O.D. Type Tbd. IF

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP	36# K55	17	554	12.50	550	
TUBING OR LINER	7	MAN	23# J55	81	2833	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾	2¼	6¾
Reaming			
Conditioning Mud & Circulating			
Trips			¾
Lubricate Rig		¼	¼
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	¼		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M100 92

No. of Lines 8 Size 1/8

Feet Slipped 45

Feet Cut Off 90

Present Length 3960

Ton Mi. or Trips Since Last Cut 539

Cumulative Ton Mi. or Trips 8653.

No. of Days From Spud 37

Cumulative Rotating Hrs. 253¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
31	Stands D.P.		Ft.
D	Singles D.P.	2906.02	Ft.
	D.C. 4¾ 2¼		
18	I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	31.46	Ft.
	Total	3440	Ft.
Wt. of String		75,000	Lbs.
Pipe in Hole		95	Jts.
Pipe on Racks		189	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	16	
Size	SEC 6¼	
Mfg.	SEC	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360761	
Depth Out		
Depth In	3300	
Total Ftg.	140	
Total Hr. Run	16¼	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	4:00	7:00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Kloot

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3335	3440	55	D			70	20	1100	6	56			(4)

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	6:00	6						DRILL
6:00	7:15	1¼						CHANGE RING IN UNITROIT UNION IN DERRICK (42 Flow)
7:15	8:00	¾						DRILL.

FUEL 3" 7:00 AM

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
32	Stands D.P.		Ft.
1	Singles D.P.	2966.26	Ft.
	D.C. 4¾ 2¼		
18	I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.22	Ft.
	Total	3508.00	Ft.
Wt. of String		80,000	Lbs.
Pipe in Hole		97	Jts.
Pipe on Racks		117	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	16	
Size	6 ¼	
Mfg.	SEC	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360761	
Depth Out		
Depth In	3300	
Total Ftg.	208	
Total Hr. Run	24	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T. 12 Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		2500#	
CAUSTIC		100#	

Driller: Mick McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3440	3508	68	D			70	20	1100	6	56			(5)

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE / CHECK BOPS. O.K.
8:15	4:00	7¾						DRILLING

FALCON, WORK ON D-7 — 6
WORK ON ROAD — 9

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
33	Stands D.P.	3028.93	Ft.
	Singles D.P.		Ft.
	D.C. 2¼ 4¾		
18	I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	24.55	Ft.
	Total	3556.00	Ft.
Wt. of String		80,000	Lbs.
Pipe in Hole		99	Jts.
Pipe on Racks		115	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	16	
Size	6¼	
Mfg.	SEC.	
Type	M88	
Nozzle No.	NIL	
Nozzle Size		
Ser. No.	360761	
Depth Out	3556	
Depth In	3300	
Total Ftg.	256	
Total Hr. Run	30¾	
Cond. of Bit	~~8-7-1~~	
Reamer No.	2-7-1 BT	
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	4:00	7:00	11:00
Weight	8.5	8.5	/
Visc.-Sec.	55	30	/
W.L.-C.C.			R
FL TR. CK.			/
PH			/
SD. Cont. %			?
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
PELTEX	$250		
CAUSTIC		50#	

Driller: Brian Rutledge

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3508	3556	48	D			70	20	1100	6	56	6		(5)

Deviation Record: Depth 3556 / Dev. 4° / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG SERVICE
4:15	11:00	6¾						DRILLING.
11:00	11:15	¼						SURVEY
11:15	12:00	¾						HOIST OUT FOR BIT CHANGE

DEPARTMENT OF MINES AND NATURAL RESOURCES — MINERAL RESOURCES DIVISION — DEPARTMENT OF MINES AND TECHNICAL SURVEYS — JAN 24 1972 — ALBERTA

No. 6499

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AM HESS WRISLEY I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: JAN 10 1972

Weather Condition: CLEAR — Road Conditions — Nearest Town — Water - Source: SLOUGH — Miles Hauled: 8 — Pumped — Camp Distance from Rig: 200 YARDS — Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

Rig No. 3 DWKS IDECO

Drill Pipe String: No. 2, Size 3½ — Tool Joint 4½ O.D. — Type Thd. IF

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sold

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36# K55	17	554	12.50	550	
7	MAN	23# J-55	81	2938	12.50	2830	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	8	3¾	7¾
Reaming		½	
Conditioning Mud & Circulating			
Trips		2¾	
Lubricate Rig		¼	¼
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		½	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M16092
No. of Lines 8 Size 1/8
Feet Slipped 45
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 274
Cumulative Ton Mi. or Trips 8588
No. of Days From Spud 36
Cumulative Rotating Hrs. 232

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	Stands D.P.	2754.07 Ft.
	Singles D.P.	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	19.41 Ft.
	Total	3276 Ft.

Wt. of String 73,000 Lbs.
Pipe in Hole 90 Jts.
Pipe on Racks 124 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	15
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	#5
Nozzle Size	
Ser. No.	321678
Depth Out	
Depth In	2920
Total Ftg.	376
Total Hr. Run	30
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Hirsch

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3175	3276	101	D			70	20	1100	6	56			(5)

Deviation Record — Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8						DRILL 6¼" HOLE

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	Stands D.P.	Ft.
1	Singles D.P.	27.85.28 Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	28.20 Ft.
	Total	3316.00 Ft.

Wt. of String 75,000 Lbs.
Pipe in Hole 91 Jts.
Pipe on Racks 123 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	15	16
Size	6¼	6¼
Mfg.	SEC	SEC
Type	M88	M88
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	321678	360761
Depth Out	3300	
Depth In	2920	3300
Total Ftg.	380	16
Total Hr. Run	32	1¾
Cond. of Bit	BT-S-D	IN
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T. 11
Trucker
Trucker

MUD RECORD

Time	9:00	12:00	3:00
Weight	8.5	T	8.6
Visc.-Sec.	28	R	28
W.L.-C.C.			
FL TR. CK.			
PH			8
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		2500	#
CAUSTIC		50	#

Driller: Ernie Arthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3276	3316	40	D			70	20	1100	6	56			(5)

Deviation Record — Depth 3300 — Dev. 4° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						DRILLING
8:15	8:30	¼						RIG SERVICE / CHECK BOPE OK.
8:30	9:00	½						WELD ON STANDPIPE
9:00	10:45	1¾						DRILLING
10:45	11:00	¼						DROP SURVEY
11:00	1:45	2¾						TRIP FOR BIT
1:45	2:15	½						BREAK CIRC. & CLEAN FROM 16 BOTTOM.
2:15	4:00	1¾						DRILLING
								FALCON BLADE ROAD & AIR STRIP - 11
								WORK ON D-7 4

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
31	Stands D.P.	2845.84 Ft.
	Singles D.P.	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	36.64 Ft.
	Total	3385 Ft.

Wt. of String 75 Lbs.
Pipe in Hole 93 Jts.
Pipe on Racks 121 Jts.
Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	16
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	360761
Depth Out	
Depth In	3300
Total Ftg.	85
Total Hr. Run	9½
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.6	8.6	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3316	3385	69	D			70	20	1100	6	56			(5)

Deviation Record — Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						DRILLING 6¼ HOLE
8:00	8:15	¼						RIG SER
8:15	12:00	3¾						DRILL

No. 6498

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL ARGUE RM HESS WRIGLEY I-54

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

Date: JAN 9 19 72

Weather Condition: -38 CLEAR | Road Conditions | Nearest Town | Water - Source: STRUM | Miles Hauled: 8 | Pumped | Camp Distance from Rig: 200 YDS. | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

Rig No. 3 DWKS | Drill Pipe String: No. 2, Size 3½ | Tool Joint 4¾ O.D. | Type Thd. IF

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oil Well	214-P	14
2.	"	"	"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝"	SAP	36# K55	17	554	12.50	550	
7"	Mon	23# J55	87	2838	12.50	2826	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6½	7¾	7¾
Reaming			
Conditioning Mud & Circulating			
Trips	1¼		
Lubricate Rig		1/4	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig CRC / BRAKE	¼		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M0092

No. of Lines 8 Size 1/8

Feet Slipped 45

Feet Cut Off 90

Present Length 3960

Ton Mi. or Trips Since Last Cut 810

Cumulative Ton Mi. or Trips 8524

No. of Days From Spud 3.5

Cumulative Rotating Hrs. 21 2½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
26	Stands D.P.		Ft.
0	Singles D.P.	2450.65	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	34.83	Ft.
	Total	2983	Ft.

Wt. of String 71,000 Lbs.

Pipe in Hole 80 Jts.

Pipe on Racks 134 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	15
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	321678
Depth Out	
Depth In	2920
Total Ftg.	68
Total Hr. Run	6½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	3:00	7:00	
Weight	8.4	8.4	
Visc.-Sec.	28	29	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Field

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
2920	2988	68	D			70	20	1100	6"	56			(3)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼						TRIP
1:15	1:30	¼						BACK CORE
1:30	8:00	6½						DRILL

FUEL TANK 2 1/4"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
27	Stands D.P.		Ft.
2	Singles D.P.	254.11	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.37	Ft.
	Total	3080.00	Ft.

Wt. of String 72,000 Lbs.

Pipe in Hole 83 Jts.

Pipe on Racks 131 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	15
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	321678
Depth Out	
Depth In	2920
Total Ftg.	160
Total Hr. Run	14¼
Cond. of Bit	2 IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T. 14

Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	8.4	8.4	8.4
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Peter Kuttner

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
2988	3080	92	D			70	20	1100	6	56			(3)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE / CHECK BOPS.
8:15	4:00	7¾						DRILLING

FALCON HAUL FUEL 5

WORK ON ROAD 7

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
28	Stands D.P.		Ft.
0	Singles D.P.	2633.36	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.12	Ft.
	Total	3175.00	Ft.

Wt. of String 73,000 Lbs.

Pipe in Hole 87 Jts.

Pipe on Racks 127 Jts.

Total Pipe on Lease 214 Jts.

BIT RECORD

Bit No.	15
Size	6¼
Mfg.	SEC
Type	M88
Nozzle No.	NIL
Nozzle Size	
Ser. No.	321678
Depth Out	
Depth In	2920
Total Ftg.	255
Total Hr. Run	22
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.5	8.5	8.5
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
3080	3175	95	D			70	20	1100	6	56			(3)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						DRILLING
8:00	8:15	¼						RIG SER.
8:15	12:00	3¾						DRILL 6¼" HOLE

DEPARTMENT OF MINES AND NATURAL RESOURCES
CONSERVATION ENGINEER
DEPARTMENT OF MINES AND NATURAL RESOURCES
JAN 14 1972
YELLOWKNIFE, N.W.T.

No. 6497

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ET AL CAMILLA AMHESS WESTLEY I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: JAN 3 1972

Weather Condition: -32 CLEAR Road Conditions: FAIR Nearest Town:
Water - Source: S. LOUGH Miles Hauled: 8 Pumped: ___
Camp Distance from Rig: 200 FEET Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Guild

Rig No.: 3 DWKS JOE 60
Drill Pipe String: No. ___ Size 3½
Tool Joint: 4½ O.D. Type Thd.: 1F

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Jap	36# K-55	17	550	12.50	550	
TUBING OR LINER	7	MAN	23# J-55	81	2833	12.75	2826	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		4½	5
Reaming		2¼	
Conditioning Mud & Circulating ON ORDERS			1½
Trips			1¼
Lubricate Rig		¼	
Deviation Survey			¼
Test B.O.P.	2		
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement	6		
Drill Stem Test			
Other		1	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092
No. of Lines 8 Size 1/8
Feet Slipped 45
Feet Cut Off 90
Present Length 3960
Ton Mi. or Trips Since Last Cut 155
Cumulative Ton Mi. or Trips 8469
No. of Days From Spud 34
Cumulative Rotating Hrs. 190½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
24	Stands D.P.		Ft.
D	Singles D.P.	224.50	Ft.
18	D.C. 4½ x 2⅞ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String		68,000	Lbs.
Pipe in Hole		74	Jts.
Pipe on Racks		140	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	14
Size	16¼
Mfg.	SEC
Type	M42
Nozzle No.	NTL
Nozzle Size	
Ser. No.	157124
Depth Out	
Depth In	2830
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Gleed

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
25	Stands D.P.		Ft.
2	Singles D.P.	235.92	Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	22.66	Ft.
	Total	2883.00	Ft.
Wt. of String		68,000	Lbs.
Pipe in Hole		77	Jts.
Pipe on Racks		137	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	14
Size	6 1/4
Mfg.	SEC
Type	M4L
Nozzle No.	OPEN
Nozzle Size	
Ser. No.	157124
Depth Out	
Depth In	2830
Total Ftg.	53
Total Hr. Run	4½
Cond. of Bit	1-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T 13
Trucker ___
Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight		8.4	8.4
Visc.-Sec.		28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
BICARB	100#		

Driller: Lloyd Sullivan

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
26	Stands D.P.	2389.12	Ft.
	Singles D.P.		Ft.
18	D.C. 4¾ x 2¼ I.D. O.D.	502.52	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.36	Ft.
	Total	2920	Ft.
Wt. of String		68,000	Lbs.
Pipe in Hole		73	Jts.
Pipe on Racks		136	Jts.
Total Pipe on Lease		214	Jts.

BIT RECORD

Bit No.	14
Size	6 1/4
Mfg.	SEC.
Type	M4L
Nozzle No.	OPEN
Nozzle Size	
Ser. No.	157124
Depth Out	2920
Depth In	2830
Total Ftg.	90
Total Hr. Run	9½
Cond. of Bit	~~4-4~~ 6-3 1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.4	8.4	
Visc.-Sec.	28	28	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	200#		
CAUSTIC	50		

Driller:

FOOTAGE / FORMATION

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	~~6:00~~	~~6:00~~		PRES TEST BLIND RAMS 1000#				WOC PICK UP 8" COLLARS + 3½ PIPE & RUN THEN BOTTOM HOLE - PRESS TEST B
	6:00							
6:00	8:00	2:00						PRESS TEST HYDRIL 1000#
				WORK ON				PIPE RAMS.

FUEL 3' 2" 7:00 AM.

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
2830	2883	53	D			90	25	800	6	40			(5)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00								PULL STRIPPER OUT PIPE RAMS
	9:00	1						BY TAKEN PIPE RAMS OUT OF BOPS.
9:00	9:15	¼						RIG SERVICE + PRESS TEST PIPE RAMS
9:15	11:30	2¼						DRILL OUT FLOAT, CEMENT + SHOE.
11:30	4:00	4½						DRILLING
								FALCON HAUL B-J CEMENT UNIT BACK TO SHT RIG 75 MILES ONE WAY

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
2883	2920	37	D			90	25	800	6	40			(8)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
2920	4½°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00								CIRCULATING WAIT ON ORDERS
	5:00	1						BY THE GEOLGY (NOT GETTING SAMPLES)
5:00	10:00	5						DRILLING
10:00	10:30	½						CIRC UP 2920 SAMPLE
10:30	10:45	¼						SURVEY
10:45	12:00	1¼						TRIP FOR BIT

No. 6496

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ET AL GULF AM HESS WIRSLEY I-54

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

Date: JAN 7 19 72

Weather Condition: SNOW -30 Road Conditions: FAIR Nearest Town:

Water - Source: SLOUGH Miles Hauled: ½ Pumped: ___ Camp Distance from Rig: 200 YRDS Reason for Extra L. Plant: ___

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Scield

Rig No. DWKS

Drill Pipe String: No. ___ Size ___

Tool Joint: O.D. ___ Type Tbd.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.			
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Imp	36# K55	17	554	12:50	550	
TUBING OR LINER	7	MAN	26 J-55	81	2838		2826	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating	1¼		
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring Rig Up Face	½		
Wire Line Logging Cement	1¼		
Running Casing & Cementing	3		
Waiting on Cement	2		
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size

Feet Slipped

Feet Cut Off

Present Length

Ton. Mi. or Trips Since Last Cut

Cumulative Ton. Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	4000 lb		
CAUSTIC	50 lb		

Driller: Bernie Scield

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	3:00	3						RUN CASING
3:00	4:15	1¼						PUT KELLY HOSE ON CASING & PUMP & WORK CASING
4:15	4:45	½						RIG UP TO CEMENT
4:45	6:00	1¼						CEMENT & PUMP PLUG
6:00	8:00	2						WORK ON BOPS TO SET SLIPS W.O.C.

RAN 81 JOINTS 7" 23# J-55 NEW CASING W/ DAVIS GUIDE SHOE & FLOAT COLLAR, THREAD LOCKED, RAN 5 CENTRILIZERS & 10 SCHRATERS CEMENTED W/ 150 SKS OIL WELL CEMENT W/ 3% CACL BUMPED PLUG W/ 1400 PSI. TOTAL LENGTH CASING 2838.26 LANDED @ 2826 PLUG DOWN @ 7:00 AM JAN 7 1972 A. Scield

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
			Type	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker T.N.T	17
Total Pipe on Lease		Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. D. McCarthur

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8								W.O.C.
	4:00	8						TEAR OUT BOPS SET SLIP NIPPLE UP BOPS CHANGE PIPE RAMS. TEAR OUT AIR EQUIMENT. RIG UP FLOWLINE

FALCON SERVICE CAT & TRUCK RUN FORK LIFT

EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8			W.O.C.			SET IN TABLE RIG UP FLOOR LAY DOWN 4½ KELLY PICK UP 3½ KELLY

DEPARTMENT OF CONSERVATION AND ENVIRONMENTAL SCIENCES OIL AND GAS CONSERVATION DIVISION JAN 14 1972 EDMONTON, ALBERTA

No. 6495

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AM HESS WAGGLEY I-54

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

Date: JAN 6 1973

Weather Condition: 23 SNOW Road Conditions: FAIR Nearest Town

Water - Source: SLOUGH Miles Hauled: 8 Pumped: Camp Distance from Rig: 200 YARDS. Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sidell

Rig No. 3 DWKS EDCO

Drill Pipe String: No. 2 Size 4½

Tool Joint: Size 5¾ O.D. Type Tbd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

LAST	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
CASING	9⅝	JAP.	36# K55	17	554	12.50	550	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3	3½	
Reaming			
Conditioning Mud & Circulating	1¾	2½	
Trips	3		
Lubricate Rig		¼	
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Casing RUN.		¾	
Wire Line Logging RIG UP TO RUN C.			1
Running Casing & Cementing			3½
Waiting on Cement			
Drill Stem Test			
Other Lay PIPE		1	3½
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1/8
Feet Slipped	45
Feet Cut Off	90
Present Length	3960
Ton. Mi. or Trips Since Last Cut	104
Cumulative Ton. Mi. or Trips	8418
No. of Days From Spud	32
Cumulative Rotating Hrs.	191

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
23	Stands D.P.	Ft.	Bit No.	12	13
5	Singles D.P.	2179.36 Ft.	Size	8¾	8¾
	D.C. 6¼ x 2⅞		Mfg.	SEC	SEC
20	I.D. O.D.	579.77 Ft.	Type	M44N	M88
	D.C.		Nozzle No.	NIL	NIL
	I.D. O.D.	Ft.	Size		
	Stb. Body O.D.	Ft.	Ser. No.	209818	912304
	Stb. Body O.D.	Ft.	Depth Out	2788	
	Rmr. Body O.D.	Ft.	Depth In	2580	2788
1	Subs ⅓ O.D.	4.00 Ft.	Total Ftg.	208	9
	Bit or C.B.	4.00 Ft.	Total Hr. Run	24	1
	Kelly Down	32.87 Ft.	Cond. of Bit	4-6-TN	
	Total	2797 Ft.	Reamer No.		
Wt. of String	98,000 Lbs.		Reamer Type		
Pipe in Hole	70 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.
Pipe on Racks	146 Jts.		Trucker		
Total Pipe on Lease	216 Jts.		Trucker		
			Trucker		

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SULFOTEX	BAL 16	GALS.	
HASATREAT	6	#	
CAUSTIC	12	#	

Driller: Bernie Sidell

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2777	2797	20	D			80	25	300					
						75	20	300					

Deviation Record: Depth 2788 Dev. 4° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2						DRILL
2:00	2:45	¾						CIRC PIPE TO SURVEY & TRIP
2:45	3:00	¼						SURVEY
3:00	6:00	3						TRIP FOR BIT
6:00	7:00	1						BRACK CIRC W/ STIFF FOAM
7:00	8:00	1						DRILL

FUEL 2' 3" 7: AM

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
23	Stands D.P.	Ft.	Bit No.	13
2	Singles D.P.	2209.22 Ft.	Size	8¾
	D.C.		Mfg.	SEC
20	I.D. O.D.	579.77 Ft.	Type	M88
	D.C.		Nozzle No.	NIL
	I.D. O.D.	Ft.	Size	
	Stb. Body O.D.	Ft.	Ser. No.	912304
	Stb. Body O.D.	Ft.	Depth Out	2830
	Rmr. Body O.D.	Ft.	Depth In	2788
40	Subs O.D.	4.00 Ft.	Total Ftg.	42
1	Bit or C.B.	4.00 Ft.	Total Hr. Run	4½
	Kelly Down	33.01 Ft.	Cond. of Bit	
	Total	2830.00 Ft.	Reamer No.	
Wt. of String	100,000 Lbs.		Reamer Type	
Pipe in Hole	71 Jts.		Water Charges	Reg. Hrs. 17 O.T. Hrs.
Pipe on Racks	145 Jts.		Trucker	INT
Total Pipe on Lease	216 Jts.		Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		3500#	
CAUSTIC		100#	

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2797	2830	33	D			75	20	300					

Deviation Record

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1						DRILLING
9:00	9:45	¾						CON AT 2807
9:45	10:00	¼						RIG SERVICE + CHECK BOPS. OK
10:00	12:30	2½						DRILLING
12:30	3:00	2½						CIRC W/ STIFF FOAM COND. HOLE
3:00	4:00	1						PRIOR TO RUN 7" CASING
								LAY DOWN 4½ PIPE
								FALCON HAUL FUEL, LOAD OF COLLAR
								FROM RIVER

EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

Deviation Record

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						LAY DOWN 4½ PIPE
5:00	7:30	2½						LAY DOWN COLLARS
7:30	8:30	1						RIG TO RUN CASING
8:30	12:00	3½						RUN CASING.

No. 6494

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ERAL GLEAM HESS — Location: Lsd. ___ Sec. ___ Twp. W1ESLEY I 54 Rge. ___ W. ___ M. — Date: JAN 5 1972

Weather Condition: CLEAR -20 — Road Conditions: FAIR — Nearest Town: — Water - Source: SLOUGH — Miles Hauled: 8 — Pumped: ___ — Camp Distance from Rig: 200 YARDS — Reason for Extra L. Plant: ___

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Ewald

Rig No. 3 — DWKS IDECO — Drill Pipe String: No. 2, Size 4½ — Tool Joint Type Tbd. 5¾ O.D. EH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# K55	17	550	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	6½	6½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig		1¼	
Deviation Survey		1/2	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Casing Conv.	1	3/4	1½
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			6
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1 1/8

Feet Slipped 45

Feet Cut Off 90

Present Length 3960

Ton Mi. or Trips Since Last Cut 24

Cumulative Ton Mi. or Trips 8638

No. of Days From Spud 31

Cumulative Rotating Hrs. 184½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
22	Stands D.P.	2055.37	Ft.
	Singles D.P.		Ft.
20	D.C. 6¼ x 2⅞ I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ⅔ O.D.	4.00	Ft.
1	Bit or Cor. Sub	4.00	Ft.
	Kelly Down	16.86	Ft.
	Total	2660	Ft.

Wt. of String 95,000 Lbs. — Pipe in Hole 66 Jts. — Pipe on Racks 150 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	12
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	209818
Depth Out	
Depth In	2580
Total Ftg.	80
Total Hr. Run	8¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SULFOTEX SAL			GAL
HEMATREAT		40	#
CALGON		180	#

Driller: Bernie Starck

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
22	Stands D.P.		Ft.
2	Singles D.P.	2116.66	Ft.
20	D.C. 6¼ x 2⅞ I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
4/0	Subs O.D.	4.00	Ft.
Bit or Cor. Sub		4.00	Ft.
	Kelly Down	20.57	Ft.
	Total	2725.00	Ft.

Wt. of String 96,000 Lbs. — Pipe in Hole 68 Jts. — Pipe on Racks 148 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	12
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	209818
Depth Out	
Depth In	2580
Total Ftg.	145
Total Hr. Run	15¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T. 10
Trucker ___
Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
23	Stands D.P.		Ft.
5	Singles D.P.	2179.36	Ft.
20	D.C. 6¼ x 2⅞ I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ⅔ O.D.	4.00	Ft.
Bit or Cor. Sub		4.00	Ft.
	Kelly Down	12.87	Ft.
	Total	2777	Ft.

Wt. of String 96,000 Lbs. — Pipe in Hole 70 Jts. — Pipe on Racks 146 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	12
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	209818
Depth Out	
Depth In	2580
Total Ftg.	197
Total Hr. Run	22
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SULFOTEX SAL		12	GAL
HEMATREAT		18	#
CALGON		40	#

Driller

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2600	2660	60	D			75	25	200					

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:15	2¼						DRLG WITH STIFF FOAM
2:15	2:45	½						CON @ 2622
2:45	6:30	3¾						DRLG W/ STIFF FOAM
6:30	7:00	½						CON @ 2652
7:00	8:00	1						DRLG

FUEL 3'2"

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2660	2725	65	D			80	25	300					

Deviation Record: Depth 2682 Dev. 4¼ Direction ___ | Depth ___ Dev. ___ Direction ___ | Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	11:00	3						DRILLING IN STIFF FOAM
11:00	11:30	½						SURVEY AT 2682
11:30	11:45	¼						RIG SERVICE & CHECK BOPS. OK.
11:45	12:00	¼						CON AT 2682.
12:00	2:30	2½						DRILLING
2:30	3:00	½						CON AT 2713
3:00	4:00	1						DRILLING
								CHANGED OIL & OIL FILTER & FUEL FILTERS IN FLOOR MOTORS.
								FALCON HAUL 2 LOADS CASING 12
								WORK ON ROAD ¼

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2725	2777	52	D			80	25	300					

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						DRILLING
6:00	7:00	1						CON AT 2744
7:00	11:00	4						DRILLING
11:00	11:30	½						CON @ 2775
11:30	12:00	½						DRLG

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — YELLOWKNIFE, N.W.T. — RECEIVED JAN 14 1972

No. 6493

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AM HESS — WRIGLEY I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: JAN 4 1972

Weather Condition: CLOUD -15 — Road Conditions: FAIR — Nearest Town — Water - Source: SLOUGH — Miles Hauled: 8 — Pumped ___ — Camp Distance from Rig: 200 YARDS — Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

Rig No. 3 DWKS IDECO — Drill Pipe String: No. 2, Size 4½ — Tool Joint: 5¾ O.D., Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sield

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6½	5	13¼
Reaming			
Conditioning Mud & Circulating	½	1/2	1¾
Trips		1	2¼
Lubricate Rig		1/4	
Deviation Survey	½	½	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring Core	½	3/4	3/4
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
SLIP & CUT Drill-Stem Test LINE			1½
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M 10092
No. of Lines	8 Size 1/8
Feet Slipped	45
Feet Cut Off	90
Present Length	4005
Ton Mi. or Trips Since Last Cut	24
Cumulative Ton Mi. or Trips	8638
No. of Days From Spud	30
Cumulative Rotating Hrs.	164½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
20	Stands D.P.		Ft.
5	Singles D.P.	1902.88	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ¾ O.D.	8.00	Ft.
	Bit or C.B. SUB	4.00	Ft.
	Kelly Down	33.35	Ft.
	Total	2527	Ft.

Wt. of String 95,000 Lbs. — Pipe in Hole 61 Jts. — Pipe on Racks 155 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	11
Size	8 3/4
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	252486
Depth Out	
Depth In	2280
Total Ftg.	244
Total Hr. Run	18
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Sield

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Air Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2468	2524	56	D			80	25	200					

Deviation Record: Depth 2468 — Dev. 4° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						CIRC STIFF FOAM PILL TO SURVEY
12:30	1:00	½						SURVEY
1:00	1:30	½						CON@ 2468
1:30	8:00	6½						DRILL W/ STIFF FOAM

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
21	Stands D.P.	1964.78	Ft.
	Singles D.P.		Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs ¾ O.D.	4.00	Ft.
4/0	Bit or C.B.	4.00	Ft.
	Kelly Down	27.45	Ft.
	Total	2580.00	

Wt. of String 95,000 Lbs. — Pipe in Hole 63 Jts. — Pipe on Racks 153 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	11
Size	8 3/4
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	252486
Depth Out	2580
Depth In	2280
Total Ftg.	300
Total Hr. Run	23
Cond. of Bit	5-6-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker TNT 16 Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
	TOTAL OF.		
SULFOTEX SAL	4		
45 gal drums. at 4:08 clock.			

Driller: Robert McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Air Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2524	2580	56	D			80	20	300					

Deviation Record: Depth 2530 — Dev. 3¾° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						DRILLING
8:15	8:45	1/2						SURVEY
8:45	9:15	1/2						RIG SERVICE AND CON. AT 2530
9:15	12:00	2 3/4						DRILLING
12:00	12:30	1/2						CON AT 2561
12:30	2:30	2						DRILLING
2:30	3:00	1/2						CIRC ON BOTTOM PRIOR TO TRIP
3:00	4:00	1						TRIP FOR BIT
								FALCON HAUL 3½ PIPE FROM RIVER

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
21	Stands D.P.		Ft.
5	Singles D.P.	1994.86	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ¾ O.D.	8.60	Ft.
	Bit or C.B. SUB	8.00	Ft.
	Kelly Down	17.37	Ft.
	Total	2600	Ft.

Wt. of String 95,000 Lbs. — Pipe in Hole 64 Jts. — Pipe on Racks 152 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	12
Size	8 3/4
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	209818
Depth Out	
Depth In	2580
Total Ftg.	20
Total Hr. Run	1 3/4
Cond. of Bit	IN
Reamer No	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SULFOTEX SAL	8 GAL.		
PLAYTREAT	10#		
CALGON	20#		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Air Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2580	2600	20	D			75	25	300					

Deviation Record

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1 1/2						TRIP FOR BIT CHANGE BIT
5:30	7:00	1 1/2						RUN IN COLLARS.
7:00	7:30	1/2						SLIP AND CUT LINE
7:30	8:30	1						RUN IN PIPE 4 STAND OFF BOTTOM
8:30	8:45	1/4						BREAK CIRC W/ STIFF FOAM.
8:45	9:30	3/4						RUN IN 4 STANDS.
9:30	10:30	1						CIRC W/ STEE FOAM
10:30	11:15	3/4						DRILL WITH STIFF
11:15	12:00	3/4						CON@ 2592
								DRILL

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — JAN 10 1972 — YELLOWKNIFE, N.W.T. — NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6492

CUTHJE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ETAL CUTHJE ET AL HESS I-54

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

Date: JAN 3 1972

Weather Condition: -10 CLEAR | Road Conditions | Nearest Town | Water - Source: SLOUGH, Miles Hauled: 8, Pumped | Camp Distance from Rig: 200 YARDS, Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Smith

Rig No.: 3 DWKS IDECO | Drill Pipe String: No. 2, Size 4½ | Tool Joint 5¾ O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OIL WELL	214-P	14
2.	"	"	"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9 5/8	JAP.	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1¾	5½	6
Reaming			
Conditioning ~~Mud~~ & Circulating Foam		1¼	
Trips	3¼	1¼	
Lubricate Rig			¼
Deviation Survey			½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	3	1	
Fishing C.G.V.	1 3		1¼

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1/8

Feet Slipped

Feet Cut Off

Present Length 4005

Ton. Mi. or Trips Since Last Cut 400

Cumulative Ton. Mi. or Trips 8614

No. of Days From Spud 29

Cumulative Rotating Hrs. 151¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.	1687.96	Ft.
	Singles D.P.		Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~	4.00	Ft.
1	Bit or ~~S.B.~~ Sub	4.00	Ft.
	Kelly Down	7.32	Ft.
	Total	2280	Ft.

Wt. of String 89,000 Lbs.

Pipe in Hole 54 Jts.

Pipe on Racks 162 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	10	11
Size	8¾	8¾
Mfg.	SEC	SEC
Type	S88	M44N
Nozzle No.	NIL	NIL
Nozzle Size		
Ser. No.	912337	252486
Depth Out	2280	
Depth In	2071	2280
Total Ftg.	209	
Total Hr. Run	13½	
Cond. of Bit	1-3-1	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Hacker

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	AIR Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2251	2280	29	D			75	30	200					

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼						CLEAN HOLE OF WATER WITH STIFF FOAM.
1:15	3:00	1¾						DRILL WITH STIFF FOAM.
3:00	4:00	1						MAKE CON. TABLE TORQUEING UP & DISPLACE HOLE WITH AIR & ~~FOAM~~
4:00	7:15	3¼						PULL OUT & RUN IN TO 5 STANDS OFF BOTTOM
7:15	8:00	¾						PUMP AIR & FOAM TO DISPLACE WATER OUT OF HOLE.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.		Ft.
2	Singles D.P.	1746.52	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~ O.D.	4.00	Ft.
1	Bit or ~~S.B.~~ Sub	4.00	Ft.
	Kelly Down	39.66	Ft.
	Total	2374.08	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 56 Jts.

Pipe on Racks 160 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD	
Bit No.	11
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	252486
Depth Out	
Depth In	2280
Total Ftg.	94
Total Hr. Run	5½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T. — 18

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McLatchie

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	AIR Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2280	2374	94	D			70/80	30	350					

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS RIG SERVICE
8:00	8:30	½						PUMP AIR & FOAM TO DISPLACE WATER
8:30	8:45	¼						RIH IN 5 STANDS
8:45	9:30	¾						PUMP AIR & FOAM TO DISPLACE WATER
9:30	11:30	2						DRILLING
11:30	12:00	½						CON AT 2312.
12:00	2:00	2						DRILLING
2:00	2:30	½						CON AT 2343
2:30	4:00	1½						DRILLING
								FALCON ~~DRIVE~~ DRIVE FOR T.N.T. &
								WORK ON JUMP ROAD, CLEAN SNOW
								AWAY FROM 3½ P.P.E.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.		Ft.
0	Singles D.P.	1841.27	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~ O.D.	4.00	Ft.
1	Bit or ~~S.B.~~ Sub	4.00	Ft.
	Kelly Down	38.96	Ft.
	Total	2468	Ft.

Wt. of String 90,000 Lbs.

Pipe in Hole 59 Jts.

Pipe on Racks 157 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD	
Bit No.	11
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	NIL
Nozzle Size	
Ser. No.	252486
Depth Out	
Depth In	2280
Total Ftg.	188
Total Hr. Run	11½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	AIR Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2374	2468	94	D			70/80	30	350					

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½						CON AT 2374
4:30	6:00	1½						DRILLING W/ STIFF FOAM.
6:00	6:30	½						CON AT 2465
6:30	8:00	1½						DRILLING
8:00	8:15	¼						RIG SER
8:15	8:45	½						SURVEY (MISRUN)
8:45	9:00	¼						CON @ 2437
9:00	12:00	3						DRILL W/ STIFF FOAM

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6491

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ETAL GULF AM HESS — Date: JAN 2 1972

Location — Lsd. ____ Sec. I Twp. 54 Rge. ____ W. ____ M.

Weather Condition: SNOW + ID — Road Conditions: FAIR — Nearest Town: ____

Water - Source: SLOUGH — Miles Hauled: 8 — Pumped: ____ — Camp Distance from Rig: 200 Yards — Reason for Extra L. Plant: ____

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE: ____

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 — DWKS IDECO — Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd. F.H., 5¾ O.D.

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9 5/8	SAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	4¾	
Reaming			
Conditioning Mud & Circulating			
Trips		1	¼
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig — Axle Eq. 1			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		2	7¾
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M100 92 — No. of Lines 9 — Size 1/8 — Feet Slipped — Feet Cut Off — Present Length 4005 — Ton Mi. or Trips Since Last Cut 426 — Cumulative Ton Mi. or Trips 8570 — No. of Days From Spud 28 — Cumulative Rotating Hrs. 138

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
17	Stands D.P.	1592.07	Ft.
	Singles D.P.		Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ⅞ O.D.	4.00	Ft.
1	Bit or C.B. Gulf	4.00	Ft.
	Kelly Down	14.16	Ft.
	Total	2194	Ft.
Wt. of String		89,000	Lbs.
Pipe in Hole		51	Jts.
Pipe on Racks		165	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

Bit No.	10
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	NOZ
Nozzle Size	
Ser. No.	912337
Depth Out	
Depth In	2071
Total Ftg.	100
Total Hr. Run	7
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	7:00	4:00	7:00
Weight	84	84	3.4
Visc.-Sec.	28	34	29
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	150#		
GEL	2600#		

Driller: Bernie Lloyd

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2094	2194	100	D			75	30	200	6	32			(3)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1.00	1						WELD IN BAFFEL PLATES IN SADDLE BOX
1:00	8:00	7						DRILL.

FUEL 3 @ 6"

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
17	Stands D.P.		Ft.
2	Singles D.P.	1653.20	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
C/O	Subs O.D.	4.00	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	10.03	Ft.
	Total	2251.00	Ft.
Wt. of String		89,600	Lbs.
Pipe in Hole		53	Jts.
Pipe on Racks		163	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

Bit No.	10
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	OPEN
Nozzle Size	
Ser. No.	912337
Depth Out	
Depth In	2071
Total Ftg.	180
Total Hr. Run	11¾
Cond. of Bit	1/1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T. 22
Trucker ____
Trucker ____

MUD RECORD

Time	900	1200	300
Weight	8.5	8.6	
Visc.-Sec.	34	36	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL.			
CAUSTIC	100#		

Driller: A. D. McCutcheon

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2194	2251	57	D			75	30	200	6	38			(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2						DRILLING IN AERATED MUD (LOSING SOME)
10:00	10:15	¼						RIG SERVICE & BOP CHECK
10:15	1:00	2¾						DRILLING TILL OUT OF WATER
1:00	1:30	½						HOIST INTO CASING
1:30	3:30	2						FINISHED RIGGING TO STIFF FOAM
3:30	4:00	½						RUN IN, TO BOTTOM.

FALCON HAUL FUEL 7
DRIVE FOR T.N.T 7

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
17	Stands D.P.		Ft.
2	Singles D.P.	1663.20	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ⅞ O.D.	4.00	Ft.
1	Bit or C.B. Gulf	4.00	Ft.
	Kelly Down	10.03	Ft.
	Total	2251	Ft.
Wt. of String		89,000	Lbs.
Pipe in Hole		53	Jts.
Pipe on Rack		163	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

Bit No.	10
Size	8¾
Mfg.	SEC
Type	588
Nozzle No.	OPEN
Nozzle Size	
Ser. No.	912337
Depth Out	
Depth In	2071
Total Ftg.	180
Total Hr. Run	11¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: ____

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						TRYING TO GET CIRC IN STIFF FOAM.
6:00	6:15	¼						PULLED OUT 10 STANDS.
6:15	12:00	5¾						TRYING TO GET CIRC IN STIFF FOAM.

FALCON HAUL FUEL
DRIVE FOR T.N.T.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

KODAK SAFETY FILM

No. 6490

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ET AL CHIEF AMHESS I-54

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

Date 01 JAN 1 19 72

Weather Condition SNOW +5 | Road Conditions FAIR | Nearest Town | Water - Source SLOUGH | Miles Hauled 8 | Pumped | Camp Distance from Rig 200 TRDS. | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sild

Rig No. 2 DWKS IDECO | Drill Pipe String No. 2 Size 4½ | Tool Joint 5¾ O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP	36# K55	17	554	12.20	550	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3¼	½	
Reaming			
Conditioning Mud & Circulating			
Trips	1½	1½	
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on ~~Cement~~ Water	3	10	
Drill Stem Test			
Other	¼		
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1 1/8

Feet Slipped

Feet Cut Off

Present Length 4005

Ton Mi. or Trips Since Last Cut 386

Cumulative Ton Mi. or Trips 8530

No. of Days From Spud 27

Cumulative Rotating Hrs. 126¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
15	Stands D.P.	Ft.
5	Singles D.P.	1436.16 Ft.
	D.C.	
20	I.D. O.D.	579.77 Ft.
	D.C.	
	I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 7⅝ O.D.	4.00 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	40.07 Ft.
	Total	2064 Ft.
Wt. of String		88,000 Lbs.
Pipe in Hole		46 Jts.
Pipe on Racks		170 Jts.
Total Pipe on Lease		216 Jts.

BIT RECORD

Bit No.	9
Size	8¾
Mfg.	REED
Type	SCM
Nozzle No.	1 2
Nozzle Size	12 13
Ser. No.	586179
Depth Out	
Depth In	2005
Total Ftg.	59
Total Hr. Run	3¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	5:00
Weight	8.4
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Kevin Hood

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2005	2064	59	D			80	25	800	6	62			C

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:00	3						W.O.W. (JACK UP SUB LEVEL
3:00	4:30	1½						TRIP IN WITH BIT #9
4:30	4:45	¼						BRK CIRC
4:45	8:00	3¼						DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
15	Stands D.P.	Ft.
2	Singles D.P.	1467.22 Ft.
	D.C.	
20	I.D. O.D.	579.77 Ft.
	D.C.	
	I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
40	Rmr. Body O.D.	4.00 Ft.
1	Subs 7⅝ O.D.	4.00 Ft.
	Bit or C.B.	Ft.
	Kelly Down	16.01 Ft.
	Total	2071.00 Ft.
Wt. of String		88,000 Lbs.
Pipe in Hole		47 Jts.
Pipe on Racks		169 Jts.
Total Pipe on Lease		216 Jts.

BIT RECORD

Bit No.	9
Size	8¾
Mfg.	REED
Type	SCM
Nozzle No.	1 2
Nozzle Size	12 13
Ser. No.	586179
Depth Out	2071
Depth In	2005
Total Ftg.	66
Total Hr. Run	3¾
Cond. of Bit	2-4-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 20 — O.T. Hrs.

Trucker T.N.T. Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel		2500	#
caustic		200	#

Driller L. McLauchlan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2064	2071	7	D			80	25	800	6	62			S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½						DRILLING
8:30	10:00	1½						TRIP OUT AND RUN IN COLLARS.
10:00	4:00	6						WAIT ON WATER & RIG TO AIR
								FALCON, WORK ON TRUCK 4
								UNLOAD FUEL 4
								BLADE ROAD 4

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
15	Stands D.P.	Ft.
0	Singles D.P.	1467.22 Ft.
	D.C.	
20	I.D. O.D.	579.77 Ft.
	D.C.	
	I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 7⅝ O.D.	4.00 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	39.01 Ft.
	Total	2094 Ft.
Wt. of String		88,000 Lbs.
Pipe in Hole		47 Jts.
Pipe on Racks		169 Jts.
Total Pipe on Lease		216 Jts.

BIT RECORD

Bit No.	10
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	11 11 11
Nozzle Size	
Ser. No.	912337
Depth Out	
Depth In	2071
Total Ftg.	23
Total Hr. Run	2
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	~~8400~~
Weight	8.4
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	50#		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2071	2094	23	D			65	25	200	6"	32			D

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1:00	3:00	2						RIG TO AIR INSTALLING TOGETHE
6:00	8:00	2						PULL COLLARS TO TAKE OUT JETS
8:00								OF BIT AND RUN IN W/BIT 10.
8:00	9:15	1¼						PUMP WATER & AIR
9:15	11:15	2						DRILL
11:15	12:00	¾						WELD ON BARREL PLATES & SHAKER BO

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6489

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ETAL GULF Am HESS WAISLEY I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: DEC 31 19 71

Weather Condition: CLEAR + S Road Conditions: FAIR Nearest Town: Water - Source: SLOUGH Miles Hauled: 8 Pumped: Camp Distance from Rig: 200 YRDS. Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA

Rig No. 3 DWKS IDECO

Drill Pipe String: No. 2, Size 4½

Tool Joint: 5 3/4 O.D., Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP	36# K55	17	554	13.50	550	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1/8
Feet Slipped
Feet Cut Off
Present Length 4005
Ton Mi. or Trips Since Last Cut 350
Cumulative Ton Mi. or Trips 350 9494
No. of Days From Spud 26
Cumulative Rotating Hrs. 121

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
15	Stands D.P.	1454-74 Ft.	Bit No.	8
	Singles D.P.	Ft.	Size	8 3/4
	D.C.		Mfg.	REED
20	I.D. O.D.	279.77 Ft.	Type	SCM5
	D.C.		Nozzle No.	1 2
	I.D. O.D.	Ft.	Nozzle Size	12 13
	Stb. Body O.D.	Ft.	Ser. No.	193232
	Stb. Body O.D.	Ft.	Depth Out	2005
	Rmr. Body O.D.	Ft.	Depth In	1665
1	Subs X/O O.D.	4.60 Ft.	Total Ftg.	340
1	Bit or C.B. SUB	4.60 Ft.	Total Hr. Run	27½
	Kelly Down	12.49 Ft.	Cond. of Bit	2-2-IN
	Total	2005 Ft.	Reamer No.	
Wt. of String	90,000 Lbs.		Reamer Type	
Pipe in Hole	45 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	171 Jts.		Trucker	
Total Pipe on Lease	216 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	1:00	4:00
Weight	8.4	8.4
Visc.-Sec.	28	28
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
H2O			

Driller: Bernie Ward

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1920	2005	85	D			80	25	800	6	62			C

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						RUN IN HOLE
12:30	12:45	¼						BREAK CIRC NO FILL
12:45	6:30	5 3/4						DRILL 8 3/4 HOLE
6:30	8:00	1½						TRIP OUT

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker T.N.T	22
Total Pipe on Lease		Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bob McKathon

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

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								WAIT ON WATER AND RIG UP TOO AIR.
								FALCON HAUL 2 LOADS AIR EQU.
								AND SPOT SAME 8
								DRIVE FOR T.N.T. 8

EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

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

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	8						WAIT ON WATER & RIG UP TO AIR

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6488

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL CLAM HESS WARREY I-54

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

Date: DEC 30 19__

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Sidal

Rig No. 3 DWKS IDECO

Drill Pipe String: No. 2, Size 4½

Tool Joint: 5¾ O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14
2.	"	"	"
3.			

Weather Condition: CLEAR Road Conditions: FAIR Nearest Town

Water - Source: SLOUGH Miles Hauled: 8 Pumped

Camp Distance from Rig: 200 FROS Reason for Extra L. Plant

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝	Jnp	36# K55	17	554	1250	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6		
Reaming			
Conditioning Mud & Circulating			
Trips	1¾		
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Break Coring Ctrl	1/4		
Wire Line Logging			
Running Casing & Cementing			
Waiting on WATER		8	8
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	18	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092

No. of Lines 8 Size 1/3

Feet Slipped

Feet Cut Off

Present Length 4069

Ton Mi. or Trips Since Last Cut 315

Cumulative Ton Mi. or Trips

No. of Days From Spud 25

Cumulative Rotating Hrs. 1154

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
14	Stands D.P.	1310.12	Ft.
5	Singles D.P.	~~1247.80~~	Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
X/O	Subs O.D.	4.00	Ft.
	Bit or c.b. Sub	4.00	Ft.
	Kelly Down	23.11	Ft.
	Total	1920	Ft.

Wt. of String 84,000 Lbs.

Pipe in Hole 42 Jts.

Pipe on Racks 174 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	8	
Size	8¾	
Mfg.	REED	
Type	SCM5	
Nozzle No.	1	2
Nozzle Size	12	13
Ser. No.	193232	
Depth Out		
Depth In	1665	
Total Ftg.	255	
Total Hr. Run	21¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD		
Time	1.00	4.00
Weight	84	84
Visc.-Sec.	26	28
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Sloan

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1833	1920	87	D			75	30	800	6	62	6		C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1920	2½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						RUN IN HOLE.
12:30	12:45	¼						BREAK CIRC & CLEAN TO BOTTOM 20'
12:45	6:45	6						DRILL @ 60% RETURNS.
6:45	8:00	1¼						PULL OUT W/ BIT & RUN IN COLLARS.
								SURVEY ON TRIP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
14	Stands D.P.	1310.12	Ft.
	Singles D.P.		Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
40	Subs O.D.	4.00	Ft.
	Bit or C.B.	4.00	Ft.
	Kelly Down	23.11	Ft.
	Total	1920.00	Ft.

Wt. of String 84,000 Lbs.

Pipe in Hole 42 Jts.

Pipe on Racks 174 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	8	
Size	8¾	
Mfg.	REED	
Type	SCM5	
Nozzle No.	1	2
Nozzle Size	12	13
Ser. No.	193232	
Depth Out		
Depth In	1665	
Total Ftg.	255	
Total Hr. Run	21¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T 19

Trucker ___ Trucker ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						WAIT ON WATER
								FALCON, HAUL 2 LOADS AIR EQU. 11
								DRIVE FOR T.N.T 5

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
14	Stands D.P.	1310.12	Ft.
	Singles D.P.		Ft.
	D.C.		
20	I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	4.00	Ft.
1	Bit or C.B. Sub	4.00	Ft.
	Kelly Down	23.11	Ft.
	Total	1920.00	Ft.

Wt. of String 80,000 Lbs.

Pipe in Hole 42 Jts.

Pipe on Racks 174 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	8	
Size	8¾	
Mfg.	REED	
Type	SCM5	
Nozzle No.	1	1
Nozzle Size	12	13
Ser. No.	193232	
Depth Out		
Depth In	1665	
Total Ftg.	255	
Total Hr. Run	21¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8						WAIT ON WATER

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6487

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHESS WRIGLEY I-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: DEC. 29 19 71
Weather Condition: -10 | Road Conditions | Nearest Town | Water - Source: SLOUGH | Miles Hauled: 3 | Pumped | Camp Distance from Rig: 300 yds. | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 — IDWKS IDECO

Drill Pipe String: No. 2 — Size 4½

Tool Joint: Type Thd. F.H. — 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092
No. of Lines 8 Size 1 1/8
Feet Slipped
Feet Cut Off
Present Length 4005
Ton Mi. or Trips Since Last Cut 280
Cumulative Ton Mi. or Trips 280
No. of Days From Spud 24
Cumulative Rotating Hrs. 109 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
13	Stands D.P.	1216.80	Ft.
	Singles D.P.		Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
9/0	Subs O.D.	4.00	Ft.
	Bit or SUB	4.00	Ft.
	Kelly Down	28.43	Ft.
	Total	1833.00	Ft.

Wt. of String 83,000 Lbs.
Pipe in Hole 39 Jts.
Pipe on Racks 177 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	1 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	IN
Depth In	1665
Total Ftg.	168
Total Hr. Run	15¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
13	Stands D.P.	1216.80	Ft.
	Singles D.P.		Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
9/0	Subs O.D.	4.00	Ft.
	Bit or SUB	4.00	Ft.
	Kelly Down	28.43	Ft.
	Total	1833.00	Ft.

Wt. of String 83,000 Lbs.
Pipe in Hole 39 Jts.
Pipe on Racks 177 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	1 2
Nozzle Size	12 13
Ser. No.	193232
Depth Out	
Depth In	1665
Total Ftg.	168
Total Hr. Run	15¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker TNT 17

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Lock

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
13	Stands D.P.	1216.80	Ft.
	Singles D.P.		Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
9/0	Subs O.D.	4.00	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	28.43	Ft.
	Total	1833.00	Ft.

Wt. of String 83,000 Lbs.
Pipe in Hole 39 Jts.
Pipe on Racks 177 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	1 2
Nozzle Size	12 13
Ser. No.	193232
Depth Out	
Depth In	1665
Total Ftg.	168
Total Hr. Run	15¾
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Scott Walther

MORNING TOUR

FOOTAGE: From | To | Ftge.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	20⁰⁰	8						WAIT ON WATER.
								FUEL - 4' 6"

DAY TOUR

FOOTAGE: From | To | Ftge.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERV MOTOR SHUT OFF BOPS.
8:15	4:00	7¾						WAIT ON WATER.
								FALCON ONE MAN CAME TO RIG
								ONE MAN WENT TO EDMONTON
								HAUL AIR EQU. BEAVER ROAD

EVENING TOUR

FOOTAGE: From | To | Ftge.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	12⁰⁰	8						WAIT ON WATER

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 6486

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMOCO WRIGLEY H-54
Location — Lsd. ___ Sec. 1 Twp. ___ Rge. ___ W. ___ M.
Date: DEC. 28 19 71
Weather Condition: MILD SNOWY
Road Conditions:
Nearest Town:
Water - Source: SLOUGH Miles Hauled: 8 Pumped:
Camp Distance from Rig: 200 yds. Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 DWKS IDECO

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. F.H. 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	JAP	36# K55	17	554	1250	550	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2¼		4
Reaming			
Conditioning Mud & Circulating			
Trips	1¼		2
Lubricate Rig		¼	
Deviation Survey	1¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Equipment	WATER	7¾	1¾
Drill Stem Test			
Other CLEAN F.L.			½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
12	Stands D.P.		Ft.
2	Singles D.P.	1185.26	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
⅝	Subs O.D.	4.00	Ft.
	Bit SUB	4.00	Ft.
	Kelly Down	16.97	Ft.
	Total	1790.00	Ft.

Wt. of String: 82,000 Lbs.
Pipe in Hole: 38 Jts.
Pipe on Racks: 178 Jts.
Total Pipe on Lease: 216 Jts.

BIT RECORD	
Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	IN
Depth In	1665
Total Ftg.	125
Total Hr. Run	11¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD	
Time	1200
Weight	8.4
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1760	1790	30	D			65	30	800	6	102	6	—	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1781	2½°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	130	1½						DRILLING. (760% RETURNS)
130	145	¼						SURVEY
145	230	3¼						DRILLING (70% RETURNS)
230	300	5½						~~WAIT ON WATER~~
230	245	¼						HOIST INTO CASING
245	800	5¼						WAIT ON WATER
								FUEL — 5' 2"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
12	Stands D.P.		Ft.
2	Singles D.P.	1185.26	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
⅝	Subs O.D.	4.00	Ft.
	Bit SUB	4.00	Ft.
	Kelly Down	16.94	Ft.
	Total	1790.	Ft.

Wt. of String: 83,000 Lbs.
Pipe in Hole: 38 Jts.
Pipe on Racks: 178 Jts.
Total Pipe on Lease: 216 Jts.

BIT RECORD	
Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	
Depth In	1665
Total Ftg.	125
Total Hr. Run	11¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Trucker T.N.T. — Reg. Hrs. 22 HRS. — O.T. Hrs.
Trucker: ___
Trucker: ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	6500#		
CAUSTIC	150#		
SAWDUST	22 SKS		

Driller: Brian Bertelsen

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERV MOTOR SHUT OFF & BOPS.
8:15	4:00	7¾						WAIT ON WATER
								FALCON, WAIT ON PLANE 7½
								DRIVE T.N.T 7
								HAUL FUEL 4½

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1/8
Feet Slipped
Feet Cut Off
Present Length 4005
Ton Mi. or Trips Since Last Cut 250
Cumulative Ton Mi. or Trips 8225
No. of Days From Spud 23
Cumulative Rotating Hrs.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
13	Stands D.P.	1216.80	Ft.
	Singles D.P.		Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
⅝	Subs O.D.	4.00	Ft.
	Bit SUB	4.00	Ft.
	Kelly Down	25.43	Ft.
	Total	1833.00	Ft.

Wt. of String: 83,000 Lbs.
Pipe in Hole: 39 Jts.
Pipe on Racks: 177 Jts.
Total Pipe on Lease: 216 Jts.

BIT RECORD	
Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	IN
Depth In	1665
Total Ftg.	168
Total Hr. Run	15¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD		
Time	8.00	1000
Weight	8.4	8.4
Visc.-Sec.	28	28
W.L.-C.C.		
FL TR.-CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1790	1833	43	D			65	20	800	6	62	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						WAIT ON WATER
5:00	5:30	½						RUN IN HOLE.
5:30	6:00	½						BREAK CIRC & CLEAN TO BOTTOM 20' FILL
6:00	1000	4						DRILL 33rd (60% RETURNS
1000								TRIP OUT TO CHECK BIT & RUN
	1130	1½						DRILL COLLARS IN.
1130	1200	½						WAIT ON WATER

No. 6485

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHERST WRIGLEY H-54 — Date: DEC. 27 19 71

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

Weather Condition: +20 — Road Conditions: ___ — Nearest Town: ___ — Water - Source: SLOUGH — Miles Hauled: 8 — Pumped: ___ — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plant: ___

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: ___

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 — DWKS IDECO. — Drill Pipe String: No. 2, Size 4½ — Tool Joint 5¾ O.D. — Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36#K-55	17	554	1250	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3¾	¾	2¾
Reaming Fill	¾		
Conditioning Mud & Circulating			
Trips	½	1½	1¼
Lubricate Rig			
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on ~~Cement~~ WATER	4	5½	4½
Drill Stem Test			
Other Clean Tbgm.			½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092

No. of Lines 8 — Size 1⅛

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut: 230

Cumulative Ton Mi. or Trips: 230

No. of Days From Spud: 22

Cumulative Rotating Hrs.: 103

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
12	Stands D.P.	1122.31	Ft.
	Singles D.P.		Ft.
20	D.P. I.D. 18.6/4 O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
X/over	Subs O.D.	4.00	Ft.
	Bit ~~Stab.~~	4.00	Ft.
	Kelly Down	9.92	Ft.
	Total	1720.00	Ft.

Wt. of String: 80 m. Lbs. — Pipe in Hole: 36 Jts. — Pipe on Racks: 180 Jts. — Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	1720
Depth In	1665
Total Ftg.	28
Total Hr. Run	2¾
Cond. of Bit	1N.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time		500	700
Weight		8.4	8.4
Visc.-Sec.		28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1692	1720	28	D			65	30	800	6	66	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	4⁰⁰	4						WAIT ON WATER
4⁰⁰	4³⁰	½						RUN IN TO BOTTOM
4³⁰	5¹⁵	¾						BREAK CIRC. & CLEAN 75' FILL
5¹⁵	9⁰⁰	3¾						DRILLING.
								FUEL - 5' 8"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
12	Stands D.P.	1122.31	Ft.
	Singles D.P.		Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
7/8	Subs O.D.	4.00	Ft.
	Bit ~~Stab.~~ O.D.	4.00	Ft.
	Kelly Down	18.92	Ft.
	Total	1730	Ft.

Wt. of String: 80,000 Lbs. — Pipe in Hole: 36 Jts. — Pipe on Racks: 180 Jts. — Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	
Depth In	1665
Total Ftg.	65
Total Hr. Run	6¾
Cond. of Bit	Good
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker NT 23 — Trucker ___ — Trucker ___

MUD RECORD

Time	8:00	
Weight	84	
Visc.-Sec.	28	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1720	1730	10	D			60	30	800	6	66	6		(C)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8:45	¾						DRILL (60% RETURNS)
8:45	9:00	¼						REP SER V MOTOR SHUT OFF & BOPS.
9⁰⁰	10:30	1½						TRIP OUT V BIT & RUN COLLARS IN
10³⁰	4:00	5½						WAIT ON WATER.
								FALCON WORK ROAD & CLEAN AIR STRIP

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
12	Stands D.P.		Ft.
1	Singles D.P.	153.79	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
0/0	Subs O.D.	4.00	Ft.
	Bit ~~Stab.~~ O.D.	4.00	Ft.
	Kelly Down	18.44	Ft.
	Total	1760.00	Ft.

Wt. of String: 80,000 Lbs. — Pipe in Hole: 37 Jts. — Pipe on Racks: 179 Jts. — Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	1N.
Depth In	1665
Total Ftg.	95
Total Hr. Run	9½
Cond. of Bit	1N.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9:00	11:00
Weight	8.4	8.4
Visc.-Sec.	28	28
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1730	1760	30	D			65	30	800	6	66	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	8³⁰	4½						WAIT ON WATER
8³⁰	8:45	¼						RUN IN ~~TO BOTTOM~~
8:45	9¹⁵	½						CLEAN 35' FILL TO BOTTOM.
9¹⁵	12⁰⁰	2¾						DRILLING (60% RETURNS)

No. 6484

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMOCO — Date: DEC. 26 19 71

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

Weather Condition: -8 — Road Conditions: — Nearest Town: — Water – Source: SLOUGH — Miles Hauled: ___ Pumped: ___ — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plant: —

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Bild

Rig No. 3 — DWKS TOECO

Drill Pipe String: No. 2 — Size 4½

Tool Joint: Type Thd. F.H. — 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
9⅝	JAP.	36# K-55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1	2¼	
Reaming F.11	½		
Conditioning Mud & Circulating			
Trips	½	2	
Lubricate Rig	¼	¼	
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on ~~Cement~~ WATER	5¾	3¼	8
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 — Size 1⅛

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut 215

Cumulative Ton Mi. or Trips 215

No. of Days From Spud 21

Cumulative Rotating Hrs. 963¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
11	Stands D.P.		Ft.
1	Singles D.P.	1059.82	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
JET	Stb. ~~Body~~ Sub O.D.	1.54	Ft.
X/Over	Rmr. Body O.D.		Ft.
	Subs O.D.	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	19.87	Ft.
	Total	1669.00	Ft.

Wt. of String 80 M. Lbs.

Pipe in Hole 34 Jts.

Pipe on Racks 182 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD	
Bit No.	8
Size	9¾
Mfg.	REED
Type	SCM5
Nozzle No.	2 / 1
Nozzle Size	13 / 12
Ser. No.	193232
Depth Out	IN
Depth In	1665
Total Ftg.	4
Total Hr. Run	1
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ ___ ___

Trucker ___ ___ ___

Trucker ___ ___ ___

MUD RECORD			
Time			7:00
Weight			8.4
Visc.-Sec.			28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1665	1669	4	D			60	25	600	6	60	6	—	(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERVICE
12:15	6:00	5¾						WAIT ON WATER.
6:00	6:30	½						RUN IN TO DRILL
6:30	7:00	½						CLEAN 45' FILL
7:00	8:00	1						DRILLING (PARTIAL RETURNS)

Fuel @ 7:00 A.M. 3'6"

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
11	Stands D.P.		Ft.
0	Singles D.P.	1091.07	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
SET	Rmr. ~~Body~~ Sub O.D.	1.54	Ft.
X/O	Subs O.D.	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	11.62	Ft.
	Total	1692.00	Ft.

Wt. of String 80,000 Lbs.

Pipe in Hole 35 Jts.

Pipe on Racks 181 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD	
Bit No.	8
Size	8 3/4
Mfg.	REED
Type	SCM5
Nozzle No.	3 1
Nozzle Size	13 12
Ser. No.	193232
Depth Out	
Depth In	1665
Total Ftg.	27
Total Hr. Run	3¼
Cond. of Bit	G-4-0
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker T.N.T. 21

Trucker ___ ___ ___

Trucker ___ ___ ___

MUD RECORD			
Time	10:00		
Weight	8.4		
Visc.-Sec.	28		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1669	1692	23	D			60	30	600	6	65			(4)

Deviation Record: Depth 1692 — Dev. 2° — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
3:00	10:15	2¼						DRILL
10:15	10:30	¼						RIG SER ✓ MOTOR SHUT OFF & BOPS
10:30	10:45	¼						SURVEY.
10:45	12:45	2						TRIP OUT ✓ BIT & RUN COLLARS BACK IN HOLE
12:45	4:00	3¼						WAIT ON WATER

FALCON BACK BLADE ROAD 10 DRLG FOR T.N.T.'S

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
11	Stands D.P.		Ft.
0	Singles D.P.	1091.07	Ft.
20	D.C. I.D. O.D.	579.77	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
JET	Rmr. ~~Body~~ Sub O.D.	1.54	Ft.
X/Over	Subs O.D.	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	11.62	Ft.
	Total	1692.00	Ft.

Wt. of String 80 M. Lbs.

Pipe in Hole 35 Jts.

Pipe on Racks 181 Jts.

Total Pipe on Lease Jts.

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ ___ ___

Trucker ___ ___ ___

Trucker ___ ___ ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8						WAIT ON WATER

No. 6483

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHESS — Date: DEC. 25 71

Location — Lsd: 2 Sec. — Twp. — Rge. — W. — M.: WRIGLEY H-54

Weather Condition: -20 — Road Conditions — Nearest Town — Water - Source: Slough — Miles Hauled: 8 — Pumped — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 — DWKS: IDECO — Drill Pipe String: No. 2, Size 4½ — Tool Joint: 5¾ O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	IAP	36# K55	17	554	1250	550	
TUBING OR LINER								

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	2¾	3¼	3¼
Reaming	½		
Conditioning Mud & Circulating			
Trips	1	½	3¼
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement WATER	3¾	6¼	4
Drill Stem Test			
RACK Other CIRC		¼	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

DRILLING ASSEMBLY AT END OF TOUR

NO.			
11	Stands D.P.		Ft.
1	Singles D.P.	1059.82	Ft.
20	D.C. I.D.	579.77	Ft.
	D.C. I.D.		Ft.
	Stb. Body		Ft.
	Stb. Body		Ft.
	Rmr. Body		Ft.
Hoover	Sub	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	13.41	Ft.
	Total	1661.00	Ft.
Wt. of String	80 m.		Lbs.
Pipe in Hole	34		Jts.
Pipe on Racks	182		Jts.
Total Pipe on Lease	216		Jts.

BIT RECORD

Bit No.	7
Size	8¾
Mfg.	SEC.
Type	S88
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	912273
Depth Out	IN
Depth In	1635
Total Fcg.	26
Total Hr. Run	2¾
Cond. of Bit	IN.
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	400
Weight	8.4
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1635	1661	26	D			65	25/30	600	6	48	6		(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	130	1½						WAIT ON WATER.
130	215	¾						FINISH IN TO BOTTOM & LAY DOWN 15 SINGLES.
215	245	½						BREAK CIRC & REAM 4' UNDERGAUGE HOLE.
245	530	2¾						DRILLING. (GOOD RETURNS-LOSING SOME (ROUGH) TO FORMATION - R
~~530~~								
530	545	¼						HOIST ~~OUT~~ INTO CASING.
545	800	2¼						WAIT ON WATER.

FUEL @ 7:00 A.M. 4' 4"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
11	Stands D.P.		Ft.
1	Singles D.P.	1059.82	Ft.
20	D.C. I.D.	579.77	Ft.
	D.C. I.D.		Ft.
	Stb. Body		Ft.
	Stb. Body		Ft.
	Rmr. Body	1.54	Ft.
½	Subs	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	13.87	Ft.
	Total	1663.00	Ft.
Wt. of String	80,000		Lbs.
Pipe in Hole	34		Jts.
Pipe on Racks	182		Jts.
Total Pipe on Lease	216		Jts.

BIT RECORD

Bit No.	7
Size	8¾
Mfg.	Sec
Type	S 88
Nozzle No.	3 1
Nozzle Size	13 12
Ser. No.	912273
Depth Out	1665
Depth In	1635
Total Fcg.	30
Total Hr. Run	3½
Cond. of Bit	8-4-0½
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T 23
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Parent

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1661	1663	2	D			60	30	400	6	48			(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SER & MOTOR SUBS OFF & BOPS.
8:15	2:30	6¼						WAIT ON WATER
2:30	3:00	½						RUN IN HOLE.
3:00	3:15	¼						BRAKE CIRC
3:15	4:00	¾						DRILL 8¾" (PARSHAL RETRUN)

FALCON HAUL FUEL 7 hrs
DRIVE FOR T.N.T 6½

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
11	Stands D.P.		Ft.
1	Singles D.P.	1059.82	Ft.
20	D.C. I.D.	579.77	Ft.
	D.C. I.D.		Ft.
JE	Stb. Sub.	1.54	Ft.
	Stb. Body		Ft.
	Rmr. Body		Ft.
NOVER	Subs	4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down	15.87	Ft.
	Total	1665.00	Ft.
Wt. of String	80 m.		Lbs.
Pipe in Hole	34		Jts.
Pipe on Racks	182		Jts.
Total Pipe on Lease	216		Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	3 1
Nozzle Size	13 12
Ser. No.	193332
Depth Out	
Depth In	1665
Total Fcg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	500.
Weight	9.4
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1663	1665	2	D.			60	30	400	6	48			(S)

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:45	¾						DRILL 8¾ HOLE
4:45	6:30	1¾						PULL OUT OF HOLE CHANGE BITS & ~~BHA~~
6:30	800	1½						RUN CASING IN
800	1200	4						WAIT ON WATER.

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 — Size 1.1/4
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	198
Cumulative Ton Mi. or Trips	198
No. of Days From Spud	20
Cumulative Rotating Hrs.	~~20~~ 93½

No. 6482

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMPASS 1 WRIGLEY H-54 — Location — Lsd. — Sec. — Twp. — Rge. — W. — M. — DEC. 24 1971

Weather Condition: -24 — Road Conditions — Nearest Town — Water - Source & Miles Hauled: SLOUGH — Pumped — Camp Distance from Rig: 200yds. — Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

Rig No.: 3 DWKS IDECO 530

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 5¾ O.D. — Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Gould

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		1	
Reaming			
~~Conditioning Mud~~ & Circulating	¾	1¼	
Trips	1¼	1¼	
Lubricate Rig	~~¼~~	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running ~~Casing~~ & Cementing	½		
Waiting on Cement	5½	4¼	
Drill Stem Test			
Other ~~Wait~~ WAIT ON WATER			3¾
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	9	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092

No. of Lines 8 Size 1⅛

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut 180

Cumulative Ton Mi. or Trips 180

No. of Days From Spud 19

Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker — — —

Trucker — — —

Trucker — — —

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#3500		

Driller: Brian Bertelsen.

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	200	2						W.O.C.
200	245	¾						Pump 70 BBLS. DOWN ANNULUS (NO RETURNS)
245	4:00	1¼						RUN IN W/OPEN END
400	430	½						RUN PLUG #9 (PARTIAL RETURNS)
430	900	3½						W.O.C. (PULL OUT OF THE HOLE)

Fuel @ 2:00 A.M 5'6"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	6
Size	7 3/4
Mfg.	REED
Type	~~YM~~
Nozzle No.	C.N.
Nozzle Size	
Ser. No.	62437
Depth Out	1635
Depth In	1630
Total Ftg.	5
Total Hr. Run	1½
Cond. of Bit	8-4-0-1/16"
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker TNT — 23 — —

Trucker — — —

Trucker — — —

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Good

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
~~1330~~	~~1335~~	5	D			60	15-20	N½	5½	14			C
1630	1635												

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SER ✓ MOTOR SHUT OFF & BOPS
8:15	12:30	4¼						W.O.C.
12:30	1:15	¾						BIT KELLY ON BTM HOLE (FULL RETURNS)
1:15	2:30	1¼						RUN IN WITH BIT
2:30	3:00	½						BREAK CIRC & CIRC
3:00	4:00	1						DRILL BLIND (BOUG #)
								(DRILLED 4' CEMENT & LOST CIRC)
								FALCON HAUL WATER FOR TNT 8 hrs
								WORK ON D-8 — 5 hrs

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
20	D.C. I.D.	O.D. 579.77	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
4/0000	Subs	O.D. 4.00	Ft.
	Bit ~~Sub~~	4.00	Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	SEC.
Type	S88
Nozzle No.	2 1
Nozzle Size	13 12
Ser. No.	912273
Depth Out	
Depth In	1630
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker — — —

Trucker — — —

Trucker — — —

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1635													

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:45	2¾						WAIT ON WATER
6:45	7:15	½						~~Dril~~ R. DRILL. BLIND.
7:15	900	13/4						TRIP OUT. BIT MUD TO CSG.
900	1030	1½						RUN IN W/BIT & 20 D.C.'s. (MEAS. IN)
1030	1200	1½						WAIT ON WATER

No. 6481

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ET AL GULF AMOCO WAIBLEY H-54
Location — Lsd. — Sec. — Twp. — Rge. — W. — M.
Date: DEC 22 19 71

Weather Condition: — 38 | Road Conditions | Nearest Town | Water - Source: SLOUGH | Miles Hauled: 8 | Pumped | Camp Distance from Rig: 200 yds. | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

Rig No.: 3 DWKS IDECO 535
Drill Pipe String: No. 2, Size 4½
Tool Joint: 5 3/4 O.D., Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Wm A. Ewald

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION - HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M 10092
No. of Lines 8 Size 1/8
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut: 160
Cumulative Ton Mi. or Trips: 160
No. of Days From Spud: 18
Cumulative Rotating Hrs.: 88 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
	Stands D.P.	
	Singles D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	Stb. Body O.D.	
	Stb. Body O.D.	
	Rmr. Body O.D.	
	Subs O.D.	
	Bit or C.B.	
	Kelly Down	
	Total	
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

Cabouchon Plug No. 6. 14 stands (5050) Cabouchon Plug down at 7:10 AM.

BIT RECORD

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

Cabouchon Plug #4 Cabouchon (5050) 14 stands (5050) Cabouchon Plug down @ 4:35 AM. Cement Plug down @ 4:35 AM.

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

MUD RECORD

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

Cabouchon Plug #3 Cabouchon (5050) 14 stands (5050) Cabouchon Plug down @ 4:35 AM.

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#2000		

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
					FUEL @ 5:00 A.M. 3' 6"								

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						RIG SERVICE
12:15	2:00	1 3/4						RUN IN W/ OPEN END & PICK UP 10 SINGLES TO 1571'
2:00	2:30	1/2						RIG TO RUN PLUG
2:30	2:45	1/4						RUNNING PLUG #4
2:45	3:30	3/4						HOIST TWO STANDS & PICK UP KELLY & W.O.C. FLUSH PIPE.
3:30	4:00	1/2						RUN IN 1 STAND & PICK UP KELLY & PUMP 100 BBLS. DOWN PIPE (NO RETURNS)
4:00	5:30	1 1/2						RUN PLUG #5. PULL 3 STDS & W.O.C. FOR 1 HR.
5:30	7:00	1 1/2						~~RIG UP~~ PICK UP KELLY - (NO RETURNS)
7:00	8:00	1						RUN PLUG #6, PULL 3 STDS & W.O.C.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
	Stands D.P.	
	Singles D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	Stb. Body O.D.	
	Stb. Body O.D.	
	Rmr. Body O.D.	
	Subs O.D.	
	Bit or C.B.	
	Kelly Down	
	Total	
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

Cabouchon Plug No 7. Cabouchon (5050) 12 stands (5050) Plug down at 11:20 AM.

BIT RECORD

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

Cabouchon Plug No. 8. 10 stands (5050) Cabouchon Plug down @ 1:20 PM.

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.N.T 23
Trucker
Trucker

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Brook

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	1/2						W.O.C.
8:30	9:00	1/2						PICK UP KELLY & PUMP MUD DOWN PIPE (NO RETURNS
9:00	9:15	1/4						RIG SER & MOTOR SHUT OFF & BOPS.
9:15	11:00	1 3/4						WAIT ON WATER.
11:00	11:30	1/2						RIG UP & RUN PLUG #7
11:30	1:00	1 1/2						PULL OUT 3 STANDS & W.O.C.
1:00	4:00	3						WAIT ON WATER

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
	Stands D.P.	
	Singles D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	Stb. Body O.D.	
	Stb. Body O.D.	
	Rmr. Body O.D.	
	Subs O.D.	
	Bit or C.B.	
	Kelly Down	
	Total	
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

Cement Plug No 3. 50 sx 2% CaCl2 Plug down @ 9:45 PM.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	1/2						RUN IN & RIG UP FOR PLUG #8 & 9 RUN PLUG.
4:30	6:00	1 1/2						W.O.C. PUT KELLY ON (NO RETURNS) PULL OUT OF H
6:00	6:15	1/4						Dropped 10 gals caustic/gravel down hole.
6:15	7:15	1						RUN IN OPEN END
7:15	7:45	1/2						RIG UP TO RUN PLUG #9
7:45	8:45	1						~~RUN~~ PLUG #9
8:45	9:15	1/2						~~PULL OUT~~ OF THE HOLE
9:15	12:00	2 3/4						W.O.C.

No. 6480

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL GULF AMHESS WRIGLEY H-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: DEC. 22 1971

Weather Condition: -28 | Road Conditions | Nearest Town | Water - Source: SLOUGH | Miles Hauled: 8 | Pumped ___ | Camp Distance from Rig: 200 yds | Reason for Extra L. Plant

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. A. Sold

Rig No. 3 | DWKS 2 Dreco 5-55 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 5¾ O.D. | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	OILWELL	214-P	14"
2.	OILWELL	214-P	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1⅛
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	~~159~~ 159
Cumulative Ton Mi. or Trips	~~159~~ 159
No. of Days From Spud	17
Cumulative Rotating Hrs.	88¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	70SK	CAUSTIC	#100
SAWDUST	70	SKS	
CANE FIBER	2		
CELLOPHANE	2		
REDWOOD FIBER	1		

Driller: Brian Bertilson

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERVICE
12:15	1:00	¾						PULL OUT OF THE HOLE.
1:00	2:00	1						CUT 6 SPRUCE TREES & PUT DOWN HOLE
2:00		1½						RUN IN W/BIT & PIPE TO PUSH SPRUCE TREES TO BOTTOM; PICK UP KELLY & PUMP MUD DOWN (NO RETURNS)
	3:30							HOIST OUT
3:30	4:15	¾						MIX GEL & SAWDUST & LOST CIRC. MATERIAL
4:15	7:30	3¼						POUR LOST CIRC. MATERIAL DOWN ANNULUS & CHASE W/ HEAVY GEL/SAWDUST MIXTURE.
7:30	8:00	½						

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD #1

Bit No.	
Size	
Mfg.	
Type	Varel Plug
Nozzle No.	10 (50) Cleared
Nozzle Size	Cement to Plug @ 3:15 p.m.
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker T.W.T 13
Trucker ___
Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SER & BOPS & MOTOR SHUT OFF.
8:15	9:00	¾						PUMP FLUID DOWN HOLE (NO RETURNS
9:00	10:00	1						REPAIR MUD GUNS.
10:00								RUN IN PIPE TO RUN PLUG. BREAK OFF
								W/L C materials @ 630' PULL OUT & RUN IN WITH STANDS OF
	2:15	4¼						COLLOR & REAM OUT & FINISH IN TO BOTTOM
2:15	3:00	¾						PULL OUT TO RUN PLUG #2 (Calseal)
3:00	3:30	½						RIG UP TO RUN PLUG #2
3:30	3:45	¼						RUN PLUG #2
3:45	4:00	¼						W.O.C. (PULLED OUT 3 STANDS

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD #2

Bit No.	
Size	
Mfg.	Calseal Plug (50/50)
Type	
Nozzle No.	
Nozzle Size	14 Hole Cleared & Cement Plug down @ 5
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertilson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
					CEMENTED 10 JTS, 20# COATED 4½ DRILL PIPE								

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½						W.O.C.
4:30	5:15	¾						RUN 3 STANDS IN & RUN PLUG #3
5:15	7:00	1¾						PIPE CAME WET TRY TO PUMP OUT 1000# PRESS, CEMENT SET IN PIPE. PULL OUT, 10 STANDS
								WERE FULL OF CEMENT, LAY TEAM DOWN
7:00	9:00	2						RUN IN TO FEEL PLUG. (MEAS. IN.)
9:00	11:00	2						DRILLING CEMENT PLUGS & TREES FROM 1470-1612 - LOST CIRC @ 1612.
11:00	12:00							PULL OUT OF HOLE

No. 6479

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Desalta et al Cliff Embree Pinchglen H-54

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

Date: Dec 21 1971

Weather Condition: -30 | Road Conditions | Nearest Town | Water - Source: Lough | Miles Hauled: 6 | Pumped | Camp Distance from Rig: 200 yds | Reason for Extra L. Plant

OPERATOR: Western Desalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. McKay Jr. Field

Rig No. 3 Swee DWKS 525

Drill Pipe String: No. 2, Size 4½

Tool Joint: Size 5¾ O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER								

TIME DISTRIBUTION — HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M 100 92
No. of Lines	8 Size 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	139
Cumulative Ton Mi. or Trips	139
No. of Days From Spud	16
Cumulative Rotating Hrs.	88 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String ___ Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ / ___

Trucker ___ / ___

Trucker ___ / ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lee McArthur

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	8						WORK ON LOST CIRCULATION
								FUEL SET. 3IN.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String ___ Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker TNT / 9 / 14

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#7700		
CAUSTIC	#150		
SAWDUST	40 SXS		

Driller: Brian Bertelsen

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	400	8						WORK ON LOST CIRCULATION
								(REBUILD MUD TANK VOLUME)
								WAIT ON LOST CIRC. EQUIPMENT
								(NOTE: SPOTTED 20 sx Calseal plug (50/50) w/ D.P. @ 1449' Plug Down at 6:30 PM displaced w/ 20 bbls water, D.P. dry)

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String ___ Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ / ___

Trucker ___ / ___

Trucker ___ / ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100#		
SAWDUST	30 SXS.		
GEL	400#		

Driller: Bernie Lloyd

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Srv.
4:15	5:15	1						Run In Pipe To Run Plug
5:15	6:00	¾						Rig Up To Run Plug.
6:00	6:30	½						Run Plug #1
6:30	6:45	¼						Pull Pipe 5 Stands & Flush Pipe Out W/Rig
6:45	8:45	2						Wait On Cement Plug
8:45	9:15	½						Mix Sawdust & Pump Down Hole (No Returns)
9:15	9:45	½						Pull Out Of Hole
9:45	11:30	1¾						Put Spruce Trees Down Hole & Run In W/Pump
~~11:30~~								Mud No Returns
11:30	12:00	½						~~Sawdust~~ & Mix Gel & Sawdust

No. 6478

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Desalta et al Gulf Amber Chipley 4-54
Location — Lsd. — Sec. — Twp. — Rge. — W. — M.
Date: Dec 20 19 71

Weather Condition | Road Conditions | Nearest Town | Water - Source Lough | Miles Hauled 2 | Pumped | Camp Distance from Rig 200 yds. | Reason for Extra L. Plant

OPERATOR: Western Desalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 Oilers DWKS 525

Drill Pipe String: No. 2 Size 4½

Tool Joint 5¾ O.D. Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Japan	36# K55	17	554	12.50	550	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092
No. of Lines 8 Size 1/8
Feet Slipped
Feet Cut Off
Present Length 4355
Ton Mi. or Trips Since Last Cut 12.5
Cumulative Ton Mi. or Trips
No. of Days From Spud 15
Cumulative Rotating Hrs. 88 1/4

216

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker	
Total Pipe on Lease	216	Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	#700		
Sawdust	105	SKS.	
Redwood Fiber	32	SKS.	
Cement	15	SKS.	

Driller: Jack Matthews

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00								DUMPING SAWDUST REDWOOD FIBER, CEMENT, GEL DOWN ANNULESS FOLLOWED WITH GEL/WATER SLURRY AND NO RETURNS. RUN IN 1½ PIPE TO FEEL IF THIS MIX WAS BRIDGING AT 200' DIDN'T FEEL IT HOIST OUT. CUT 3 SMALL PINE TREES DOWN ANNULESS AND. ADDED SAWDUST & FIBER FOLLOWED BY GEL SAWDUST TREATED SLURRY. SPOT TRESSAT 650' FUEL 4 Ref. 9 inches.
	4 00	4						
4 00								
	5 00	1						
5 00								
	8 00	3						

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker T.N.T	16
Total Pipe on Lease		Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	#6000		
Sawdust	#90	SACKS	
Caustic	#100		

Driller: Brian Berstetzen.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00		1½						REAMING SAWDUST & FIBER BRIDGES IN SURFACE CSG FROM 50' TO 200' W/ DRAG BIT. (FISHTAIL) PULL UP & CLOSE PIPE RAMS & PUMP PLUG TO BOTTOM. (FULL RETURNS) RUN IN TO 500' & CIRC. (CIRC. HOLDING) MIX HEAVY SLURRY OF GEL & SAWDUST
	9 30							
9 30		1½						
	11 00							
11 00	12 30	1½						
12 30	4 00	3½						

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker	
Total Pipe on Lease	216	Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Berstetzen

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00								SLIGHT RUN IN W/ BIT & PIPE (BRIDGE @ 646 FEEL THROUGH & FLUID LEVEL DROPPED FINISH IN TO BOTTOM & PICK UP KELLY (NO RETURNS) HOIST OUT CUT 3 SMALL SPRUCE TREES & PUT DOWN ANNULESS & RUN IN W/D TO 940' & SPOT TREES FOR PLUG BASE. PICK UP KELLY AND GOT FULL RETURNS. PUSHED PLUG BASE TO 1600 FULL RETURNS DRILLED TREES OUT ON BOTTOM AND LOST
	1½							
	5 30							
5 30	6 00	½						
6 00								
	7 30	1½						
7 30	8 00	½						
8 00								
	12 00	4						

No. 6477

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Oselta et al Gulf Amber Wrigley H 54 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date Dec 19 19 71

Weather Condition | Road Conditions | Nearest Town | Water - Source Springs Miles Hauled 8 mi Pumps | Camp Distance from Rig 200 yds Reason for Extra L. Plant

OPERATOR: Western Oselta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 3 Oilwell DWKS 525 | Drill Pipe String: No. 2, Size 4½, Type Thd. F.H. | Tool Joint 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Ipsco	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			3
Conditioning Mud & Circulating	1¼		
Trips	1½		
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing	1		
Waiting on Cement	5		
Drill Stem Test			
Other	1¼		5
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1 1/8

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut 115

Cumulative Ton Mi. or Trips

No. of Days From Spud 14

Cumulative Rotating Hrs. 88¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
17	Stands D.P.	1588.53 Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	40.00 Ft.
	Total	1628.53 Ft.
Wt. of String		Lbs.
Pipe in Hole	51	Jts.
Pipe on Racks	165	Jts.
Total Pipe on Lease	216	Jts.

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

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Ken McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1629													

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:15	2¼						(1) O C
2:15	~~2:45~~	~~½~~						Ran In to Feel Cement with Flat
	2:45	½						Nosed Sub (No Cement).
2:45	3:00	¼						(No Returns) Pumped in Lost Circ Re Mixed Material
3:00	4:00	1						(To Bottom) Pulled Out of Hole & Ran In Ope. End
4:00	4:15	¼						Rig to Cement
4:15	5:15	1						Mix Cement & Displace
5:15	8:00	2¾						W.O.C (Pulled out of Hole)
								Mixed 40 Sks Cons. Cement with 2% Cal Cl. (Plug at 1525 — 1630 = 105'
								Displaced with 21 bbls Mud.
								Plug In Place at 5:15 AM

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
17	Stands D.P.	1588.53 Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	40.00 Ft.
	Total	1628.53 Ft.
Wt. of String		Lbs.
Pipe in Hole	51	Jts.
Pipe on Racks	165	Jts.
Total Pipe on Lease	216	Jts.

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

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Sawdust	50 Sacks		
Gel	2500		

Driller: Brian Bertelsen

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	3						W.O.C.
10:00	1:00	3						~~HOURS~~ SAWDUST SACKS & MUD DOWN HOLE IN ATTEMPT TO PLUG OFF LOST CIRC ZONE.
1:00								REAMING SAWDUST & EMPTY SACKS (PLUGGED OFF IN Csg @ 460')
	4:00							

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
17	Stands D.P.	1588.53 Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	40.00 Ft.
	Total	1628.53 Ft.
Wt. of String		Lbs.
Pipe in Hole	51	Jts.
Pipe on Racks	165	Jts.
Total Pipe on Lease	216	Jts.

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

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Ken McArthur

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:00	3						REAMING SAWDUST & EMPTY SACKS PLUGGED IN CASING CHASE SAWDUST PLUG TO BOTTOM PUMPED 275 BBLS. OF ~~CIRC~~ LOST CIRC MATERIAL ON BOTTOM NO. RETURNS. (Pump Slow)
7:00								
	12:00	5						HOIST OUT

No. 6476

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Daughter et al Gulf Amber Ass. Twinning #54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: Dec 18 19 71

Weather Condition: 12 Below | Road Conditions | Nearest Town | Water - Source: Lough | Miles Hauled: 8 | Pumped ___ | Camp Distance from Rig: 200yds | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Muller

Rig No. 3 Oilpull DWKS 525 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 5 3/4 O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Japan	36# K55	12	554	12.50	550	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	115
Cumulative Ton Mi. or Trips	
No. of Days From Spud	13
Cumulative Rotating Hrs.	88 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
11	Stands D.P.	1026.95	Ft.
	Singles D.P.		Ft.
19	D.C. I.D. O.D.	553.64	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1/0	Subs O.D.	4.00	Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.46	Ft.
	Total	1624.00	Ft.
Wt. of String		79,000	Lbs.
Pipe in Hole		33	Jts.
Pipe on Racks		183	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		7600#	
SAWDUST		60 SKS	
KWIKSEAL		5 SKS.	
CAUSTIC		100#	

Driller: D. Matthews

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1624													

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	4.00	4						MIX GEL AND SAWDUST
4.00	8.00	4						PUMP DOWN HOLE NO RETURN. MIX GEL AND SAWDUST

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease	216	Jts.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	3500		
SAWDUST	10 SACKS.		

Driller: Brian Butcher

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	945	1 3/4						MIX GEL & SAWDUST
945	145	4						PULL OUT OF HOLE: RUN IN OPEN END DRILL PIPE & PICK UP 19 SINGLES.
145	400	2 1/4						RIG TO MIX CEMENT & MIX CEMENT
								For Lost Circ. Purposes
								Ran 40 SKs of Neat Cement
								Thru Chemical Mixer & Spot Same
								From 1630 up to 1525
								Displaced to 1525 with
								21 bbls of 17#
								Start Mix @ 3:00 PM Plug Down @ 3:45

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

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

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	430	1/2						HOIST PIPE OF THE HOLE.
430	12:00	7½						W.O.C. (CLEAN STANDBY PUMP

KODAK SAFETY FILM

No. 6425

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Dealtar et al Gulf Ambler Highway H 54 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date Dec. 17 1971

Weather Condition | Road Conditions | Nearest Town | Water - Source Slough | Miles Haul Bridge Pumped ___ | Camp Distance from Rig 2000 yds | Reason for Extra L. Plant

OPERATOR: Alberta Dealtar

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. 3 Ideco DWKS 525 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H., 5¾ O.D.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Miller

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Japan	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¼		
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey	½		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	11½	8	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines 8 Size 1 1/8

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut 105

Cumulative Ton Mi. or Trips

No. of Days From Spud 12

Cumulative Rotating Hrs. 88¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
10	Stands D.P.		Ft.
2	Singles D.P.	99.56	Ft.
	D.C.		
19	I.D. O.D.	553.64	Ft.
	D.C.		
	I.D. O.D.		Ft.
40	Stb. Body O.D.	4.00	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.	39.46	Ft.
	Sub O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.21	Ft.
	Total	1629.00	Ft.
Wt. of String		78,000	Lbs.
Pipe in Hole		32	Jts.
Pipe on Racks		184	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

Bit No.		5
Size		9¾
Mfg.		SEC.
Type		S88
Nozzle	No.	2 1
	Size	13 12
Ser. No.		912259
Depth Out		1629
Depth In		1542
Total Ftg.		87
Total Hr. Run		8¼
Cond. of Bit		1W
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	100	400	700
Weight	9.7	9.7	8.6
Visc.-Sec.	34	35	35
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		1000 #	
BENEX		2 #	

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1562	1624	62	D			40/50	30/35	750	6	54	6		S

Deviation Record: Depth 1601 | Dev. 1¾° | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	400	4						DRILLING
400	430	½						SURVEY AND CLEAN SUCTION TANK
430	645	2¼						DRILLING
645	800	1¼						HOIST INTO CASING LOST CIRC NO RETURNS AT 1629.
								CHANGED OIL IN ALL GMS + IND. LIGHT PLANT.
								FUEL 5' 2"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
11	Stands D.P.	1026.95	Ft.
	Singles D.P.		Ft.
	D.C.		
19	I.D. O.D.	553.64	Ft.
	D.C.		
	I.D. O.D.		Ft.
10	Stb. Body O.D.	4.00	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Sub O.D.	39.46	Ft.
	Bit or C.B.		Ft.
	Kelly Down	4.95	Ft.
	Total	1629.00	Ft.
Wt. of String		78,000	Lbs.
Pipe in Hole		33	Jts.
Pipe on Racks		183	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time		1200	300
Weight		8.7	
Visc.-Sec.	105	90	130
W.L.-C.C.			
FL TR. CK.	CIRC.		
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	# 8500		
SAWDUST	30 SKS.		
KWIK SEAL	20 SKS.		
CAUSTIC	50		

Driller: Brian Bestelsen

FOOTAGE

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

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800								MIXING GEL & LOST CIRC. MATERIAL
		6½						HOIST COLLARS & STAB. TO CHANGE TO OPEN BIT; MAKE UP BIT & RUN IN TO BOTTOM & HOIST OUT TO CHECK MUD LEVEL IN HOLE- mud @ 580
	230							RUN IN TO BTM & TRY TO REGAIN CIRC.
230	300	½						HOIST INTO CASING. (MUD ON OUTSIDE
300								OF PIPE 75' FROM SURFACE.)
	400	1						MIX GEL & LOST CIRC.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
11	Stands D.P.	1026.95	Ft.
	Singles D.P.		Ft.
	D.C.		
19	I.D. O.D.	553.64	Ft.
	D.C.		
	I.D. O.D.		Ft.
10	Stb. Body O.D.	4.00	Ft.
	Rmr. Body O.D.		Ft.
	Sub O.D.	39.46	Ft.
	Bit or C.B.		Ft.
	Kelly Down	4.95	Ft.
	Total	1629.00	Ft.
Wt. of String		78,000	Lbs.
Pipe in Hole		33	Jts.
Pipe on Racks		183	Jts.
Total Pipe on Lease		216	Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	500		
Weight	8.6		
Visc.-Sec.	65		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#	6000 #	
SAWDUST		75 SACKS.	
KWIK SEAL		50 SACKS	
CAUSTIC	#	150 #	

Driller: [illegible]

FOOTAGE

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

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	700	3						MIX LOST CIRC. MATERIAL
700								RUN IN TO BTM & PUMP LOST CIRC.
	800	1						MATERIAL DOWN. (REGAINED CIRC
800								& LOST IT AGAIN.)
								MIX LOST CIRC MATERIAL
								PUMP LOST CIRC MATERIAL
								DOWN REGAINED CIRC AND
	1200	4						LOST IT AGAIN

6424

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Dealtessal Gulf Ambler Whigley H-54 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. ___ Date: Dec 16 19 71

Weather Condition: 26 Below Road Conditions: Nearest Town: Water - Source: Slough Miles Hauled: 3 Pumped ___ Camp Distance from Rig: 200 Yds. Reason for Extra L. Plant

OPERATOR: Western Dealtes

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Mullen

Rig No. 3 — Ideco DWKS 525

Drill Pipe String No.	Size	Tool Joint	Type Tbd.
2	4½	5 3/4 O.D.	F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gilwell	214P	14.
2.	Gilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Japan	36# K55	17	554	12.50	550	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	M10092
No. of Lines	8 Size 1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	77
Cumulative Ton Mi. or Trips	
No. of Days From Spud	11
Cumulative Rotating Hrs.	80

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
10	Stands D.P.	933.17 Ft.	Bit No.	4 RR.
	Singles D.P.	Ft.	Size	8 3/4
	D.C.		Mfg.	REED
16	I.D. O.D.	463.07 Ft.	Type	SCM5
	D.C.		Nozzle No.	3
	I.D. O.D.	Ft.	Nozzle Size	12
40	Stb. Body O.D.	4.00 Ft.	Ser. No.	674105
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	1142
Stuff	Subs O.D.	39.46 Ft.	Total Ftg.	320
	Bit or C.B.	Ft.	Total Hr. Run	22
	Kelly Down	22.30 Ft.	Cond. of Bit	1N
	Total	1462.00 Ft.	Reamer No.	
Wt. of String	62,000 Lbs.		Reamer Type	
Pipe in Hole	30 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	186 Jts.		Trucker	
Total Pipe on Lease	216 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	1.00	4.00	2.00
Weight	8.6	8.7	8.7
Visc.-Sec.	36	37	36
W.L.-C.C.			16.4
FL TR. CK.			2/32
PH			8.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Keith Matthews

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1356	1462	106	D-			80	[redacted]	1200	6	64	6		S
							25						

Deviation Record: Depth 1448 Dev. 1 1/2° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	7 00	7						DRILLING
7 00	7 15	1/4						SURVEY
7 15	8 00	3/4						DRILLING

FUEL 3 ft. 4 inches.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
10	Stands D.P.	995.69 Ft.	Bit No.	4 A.R.
2	Singles D.P.		Size	8 3/4
	D.C.		Mfg.	REED
16	I.D. O.D.	463.07 Ft.	Type	SCM5
	D.C.		Nozzle No.	3
	I.D. O.D.	Ft.	Nozzle Size	12
40	Stb. Body O.D.	4.00 Ft.	Ser. No.	674105
	Stb. Body O.D.	Ft.	Depth Out	IN
	Rmr. Body O.D.	Ft.	Depth In	1142
ST	Subs Hook Up O.D.	39.46 Ft.	Total Ftg.	386
	Bit or C.B.	Ft.	Total Hr. Run	29 1/2
	Kelly Down	25.78 Ft.	Cond. of Bit	1N
	Total	1528.00 Ft.	Reamer No.	
Wt. of String	67m. Lbs.		Reamer Type	
Pipe in Hole	32 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	184 Jts.		Trucker	INT 15
Total Pipe on Lease	216 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	9.00	12.00	3.00
Weight	8.6	8.7	8.7
Visc.-Sec.	35	35	34
W.L.-C.C.			17.6
FL TR. CK.			2/32
PH			3.4
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#1000		
BEN-EX	#2		

Driller: Brian Bertelson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1462	1528	66	D			80	25	1100	6	60	6	—	S
						80	10/15	1150	6	60	6	—	

Deviation Record: Depth 1510 Dev. 2° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 00							DRILLING W/STIFF HOOK-UP
9 00	9 15	1/4						RIG SERVICE & B.O.P. ✓
9 15	12 15	3						DRILLING. (ROUGH)
12 15	12 30	1/4						SURVEY
12 30	2 00	3 1/2						DRILLING

CHANGED OIL IN #2 LIGHT PLANT & REPLACED FILTER & CLEANED AIR CLEANER.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
10	Stands D.P.	933.17 Ft.	Bit No.	4 RR.	5
	Singles D.P.	Ft.	Size	8 3/4	8 3/4
	D.C.		Mfg.	REED	SEC.
19	I.D. O.D.	553.64 Ft.	Type	SCM5	S88
	D.C.		Nozzle No.	3	2 i
	I.D. O.D.	Ft.	Nozzle Size	12	13 12
Stuff	Stb. Body O.D.	Ft.	Ser. No.	674105	912259
Stuff	Stb. Body O.D.	39.46 Ft.	Depth Out	1542	
	Rmr. Body O.D.	Ft.	Depth In	1142	1542
C/O	Subs O.D.	4.00 Ft.	Total Ftg.	400	20
	Bit or C.B.	Ft.	Total Hr. Run	32 1/4	2
	Kelly Down	31.73 Ft.	Cond. of Bit	B1-1-1	IN
	Total	1562.00 Ft.	Reamer No.		
Wt. of String	78,000 Lbs.		Reamer Type		
Pipe in Hole	30 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.	
Pipe on Racks	186 Jts.		Trucker		
Total Pipe on Lease	216 Jts.		Trucker		
			Trucker		

MUD RECORD

Time	5.00	8.00	11.00
Weight	8.7	T	8.7
Visc.-Sec.	34	R	34
W.L.-C.C.			
FL TR. CK.		I	
PH		P	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Keith Matthews

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1528	1562	34	D			40/50	30	750	6	54	6		S

Deviation Record: Depth 1542 Dev. 1 3/4° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	6 45	2 3/4						DRILLING.
6 45	7 00	1/4						SURVEY
7 00	8 00	1						HOIST FOR BIT CHANGE
8 00	8 15	1/4						RIG SERVICE
8 15	9 00	3/4						RUN IN COLLARS.
9 00	9 30	1/2						PICK UP 3 COLLARS.
9 30	10 00	1/2						FINISHED IN W/BIT NO. 5
10 00	12 00	2						DRILLING

No. 6423

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Osalta et al Gulf Amoco Unger H-24 — Date: Dec. 15, 19__

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

Weather Condition: 38 — Road Conditions: — Nearest Town: — Water - Source: Unger — Camp Distance from Rig: 200 yds.

Miles Hauled: ___ Pumped: ___ — Reason for Extra L. Plant: ___

OPERATOR: Western Osalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

Rig No. 3 Idesco DWKS 525 — Drill Pipe String: No. 2, Size 4½, Type Tbd — Tool Joint 5 3/4 O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
9 5/8	Japan	36# K55	17	554	1250	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4 1/4	7 1/4	7
Reaming 1180	1/4		
Conditioning Mud & Circulating			
Trips	3		
Lubricate Rig		1/4	1/4
Deviation Survey	1/2	1/2	3/4
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. M10092

No. of Lines ___ Size 7/8

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut: 50

Cumulative Ton Mi. or Trips

No. of Days From Spud: 10

Cumulative Rotating Hrs.: 60

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
6	Stands D.P.	Ft.	Bit No.	3	4 R.R.
2	Singles D.P.	620.94 Ft.	Size	8 3/4	8 3/4
	D.C.		Mfg.	REED	REED
16	I.D. O.D.	463.07 Ft.	Type	5516	SCM5
	D.C.		Nozzle No.	3	3
90	I.D. O.D.	4.00 Ft.	Nozzle Size	12	12
	Stb. Body O.D.	Ft.	Ser. No.	673305	674105
	Stb. Body O.D.	Ft.	Depth Out	1142	
	Rmr. Body O.D.	Ft.	Depth In	955	1142
STIFF	Sub O.D.	39.46 Ft.	Total Ftg.	287	
HOOK UP	Bit or C.B.	Ft.	Total Hr. Run	32	
	Kelly Down	14.53 Ft.	Cond. of Bit	3-2-1	
	Total	1142.00 Ft.	Reamer No.		
Wt. of String	68,000 Lbs.		Reamer Type		
Pipe in Hole	20 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.
Pipe on Racks	196 Jts.		Trucker		
Total Pipe on Lease	216 Jts.		Trucker		
			Trucker		

MUD RECORD

Time	1:00	4:00	7:00
Weight	8.7	8.6	f
Visc.-Sec.	35	34	p
W.L.-C.C.			1
FL TR. CK.			p
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: [signature]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1111	1142	31	D			120	4	800	6	58	6		S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1111	1°		1142	1°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 1/4	1/4						SURVEY
12 15	4 30	4 1/4						DRILLING W/ PENDULUM ASSEMBLY.
4 30	4 45	1/4						SURVEY
4 45	7 45	3						TRIP FOR STIFF HOOK UP PICK UP MAKE UP RUN IN
7 45	8 00	1/4						BREAK CIRC. CLEAN TO BOTTOM 5"
								CHECK AND SERVICE ALL FIRE EXTINGUISHERS FUEL 4 Ht. Rim.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
9	Stands D.P.	839.38 Ft.	Bit No.	4 R.R.	
	Singles D.P.	Ft.	Size	8 3/4	
	D.C.		Mfg.	REED	
16	I.D. O.D.	463.07 Ft.	Type	SCM5	
	D.C.		Nozzle No.	3	
Cover	I.D. O.D.	400 Ft.	Nozzle Size	12	
	Stb. Body O.D.	Ft.	Ser. No.	674105	
	Stb. Body O.D.	Ft.	Depth Out		
STIFF HOOK	Rmr. Body O.D.	Ft.	Depth In	1142	
UP	Sub O.D.	39.46 Ft.	Total Ftg.	214	
	Bit or C.B.	Ft.	Total Hr. Run	14 1/4	
	Kelly Down	10.09 Ft.	Cond. of Bit	1N	
	Total	1356.00 Ft.	Reamer No.		
Wt. of String	66,000 Lbs.		Reamer Type		
Pipe in Hole	27 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.
Pipe on Racks	189 Jts.		Trucker		
Total Pipe on Lease	216 Jts.		Trucker		
			Trucker		

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.7	8.7	8.7
Visc.-Sec.	35	35	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		1000	#
CAUSTIC		50	#
BENEX		2	#

Driller: [signature]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1142	1272	130	D			80	20	1000	6	64	6	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1198	1		1260	1 1/2				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	9 00	1						DRILLING W/ STIFF HOOK UP
9 00	9 15	1/4						RIG SERVICE & B.O.P CHECK
9 15	10 00	3/4						DRILLING
10 00	10 15	1/4						SURVEY
10 15	2 00	3 3/4						DRILLING
2 00	2 15	1/2						SURVEY
2 15	4 00	1 3/4						DRILLING.

Type	Amt.	Type	Amt.
GEL	# 2000		
BEN-EX	#4 ~~#6~~		(2 DAYS)

Water Charges: TNT 17

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
9	Stands D.P.	839.38 Ft.	Bit No.	4 R.R.	
	Singles D.P.	Ft.	Size	8 3/4	
	D.C.		Mfg.	REED	
16	I.D. O.D.	463.07 Ft.	Type	SCM5	
	D.C.		Nozzle No.	3	
Cover	I.D. O.D.	400 Ft.	Nozzle Size	12	
	Stb. Body O.D.	Ft.	Ser. No.	674105	
	Stb. Body O.D.	Ft.	Depth Out		
STIFF HOOK	Rmr. Body O.D.	Ft.	Depth In	1142	
UP	Sub O.D.	39.46 Ft.	Total Ftg.	214	
	Bit or C.B.	Ft.	Total Hr. Run	14 1/4	
	Kelly Down	10.09 Ft.	Cond. of Bit	1N	
	Total	1356.00 Ft.	Reamer No.		
Wt. of String	66,000 Lbs.		Reamer Type		
Pipe in Hole	27 Jts.		Water Charges	Reg. Hrs.	O.T. Hrs.
Pipe on Racks	189 Jts.		Trucker		
Total Pipe on Lease	216 Jts.		Trucker		
			Trucker		

MUD RECORD

Time	5:00	8:00	11:00
Weight	8.7	8.7	8.7
Visc.-Sec.	35	35	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		1000	#
CAUSTIC		50	#
BENEX		2	#

Driller: [signature]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1272	1356	84	D			80	25	1100	6	64	6	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1292	1°		1323	1°		1354	1 1/2°	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	5 00	1						DRILLING
5 00	5 15	1/4						SURVEY
5 15	8 15	3						DRILLING W/ STIFF HOOK-UP.
8 15	8 30	1/4						SURVEY AT 1323.
8 30	8 45	1/4						RIG SERVICE
8 45	11 45	3						DRILLING
11 45	12 00	1/4						SURVEY AT 1354

No. 6422

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Daylite et al Gulf Amoco Chinook H-54 — Date: Dec 14 19 71

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

Weather Condition: 46 Below — Road Conditions: — Nearest Town: — Water - Source: Burnt — Miles Hauled: — Pumped: — Camp Distance from Rig: 2 miles — Reason for Extra L. Plant: —

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 5 — Amoco DWKS 525 — Drill Pipe String: No. 2, Size 4½ — Tool Joint 5 3/4 O.D. — Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jampan	36# K55	17	554	12.50	550	

MORNING TOUR

TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

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

DRILLING ASSEMBLY AT END OF TOUR

NO.			
5	Stands D.P.	465.27	Ft.
	Singles D.P.		Ft.
16	D.C. 7 2 7/8 I.D. 6 1/4 O.D.	463.07	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	5.51	Ft.
1	Stb. Body O.D.	5.45	Ft.
40	Rmr. Body O.D.	4.00	Ft.
Bit	Subs O.D.	3.95	Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.75	Ft.
	Total	984.00	Ft.

Wt. of String 60,000 Lbs.
Pipe in Hole 15 Jts.
Pipe on Racks 201 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS16
Nozzle No.	3
Nozzle Size	22
Ser. No.	673300
Depth Out	
Depth In	855
Total Ftg.	129
Total Hr. Run	15
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	400	700
Weight	8.8	8.8	8.7
Visc.-Sec.	35	35	37
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1000#		
BENEX	2#		

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
440	484	44	D			80	4	250	6	166			S

Deviation Record: Depth 956 — Dev. 1 3/4° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	3 00	3						DRILLING in PENDULUM ASSEMBLY
3 00	3 15	1/4						SURVEY
3 15	9 00	4 3/4						DRILLING
								FUEL 3' 4"

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
9	Stands D.P.		Ft.
1	Singles D.P.	870.66	Ft.
2	D.C. 7" I.D. 6 1/4 O.D.	61.06	Ft.
2	D.C. 6 1/4 I.D. O.D.	57.00	Ft.
1	Stb. Body O.D.	5.51	Ft.
1	Stb. Body O.D.	5.45	Ft.
10	Rmr. Body O.D.	4.00	Ft.
Bit	Subs O.D.	3.95	Ft.
	Bit or C.B.		Ft.
	Kelly Down	19.37	Ft.
	Total	1027.00	Ft.

Wt. of String 47 m. Lbs.
Pipe in Hole 28 Jts.
Pipe on Racks 148 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS1G
Nozzle No.	3
Nozzle Size	12
Ser. No.	673300
Depth Out	IN
Depth In	855
Total Ftg.	172
Total Hr. Run	20 1/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker INT 12 7 hours
Trucker
Trucker

MUD RECORD

Time	900	1200	400
Weight	8.7	8.7	8.7
Visc.-Sec.	36	35	35
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
984	1027	43	D			120	4	800	6	58	6	—	S

Deviation Record: Depth 987 — Dev. 2° — Direction — Depth 1017 — Dev. 1 1/2° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	1/4						DRILLING.
815	830	1/4						RIG SERVICE & SURVEY
830	1215	3 3/4						DRILLING W/ PENDULUM ASSEMBLY
1215	1230	1/4						SURVEY
1230	145	1 1/4						DRILLING W/ PENDULUM ASSEMBLY
145		24						TRIP TO INSTALL SMALLER NOZZLES
	330	1 3/4						IN BIT & STAND BACK 12 DRILL
330	400	1/2						COLLARS & PICK UP 11 SINGLES
								BREAK CIRC & CLEAN TO BOTTOM
								(5 FEET OF FILL)

DRILLING ASSEMBLY AT END OF TOUR

NO.			
10	Stands D.P.		Ft.
1	Singles D.P.	964.40	Ft.
2	D.C. 7" I.D. 6 1/4 O.D.	61.06	Ft.
2	D.C. 6 1/4 I.D. O.D.	57.00	Ft.
1	Stb. Body O.D.	5.51	Ft.
1	Stb. Body O.D.	5.45	Ft.
10	Rmr. Body O.D.	4.00	Ft.
Bit	Subs O.D.	3.95	Ft.
	Bit or C.B.		Ft.
	Kelly Down	9.63	Ft.
	Total	1111.00	Ft.

Wt. of String 42,000 Lbs.
Pipe in Hole 31 Jts.
Pipe on Racks 185 Jts.
Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS1G
Nozzle No.	3
Nozzle Size	12
Ser. No.	673300
Depth Out	
Depth In	855
Total Ftg.	256
Total Hr. Run	27 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	500	800	1100
Weight	8.7	8.7	8.7
Visc.-Sec.	35	34	35
W.L.-C.C.			17.2
FL TR. CK.			432
PH			8.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL		600#	
BENEX		2#	

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1027	1111	84	D			120	4	800	6	58	6	—	S

Deviation Record: Depth 1049 — Dev. 1 3/4° — Direction — Depth 1080 — Dev. 1 1/2° — Direction — Depth 1111 — Dev. 1° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	530	1 1/2						DRILLING W/ PENDULUM ASS
530	545	1/4						SURVEY
545	845	3						DRILLING W/ PENDULUM ASS.
845	900	1/4						SURVEY AND RIG SERVICE
900	1200	3						DRILLING

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	
No. of Lines	8
Size	1 1/2
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	9
Cumulative Rotating Hrs.	41 1/2

No. 6421

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Beaufort Sea Gulf Amoco Sunlight H-54 — Date: Dec 13, 1971

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

Weather Condition: -43 — Road Conditions — Nearest Town — Water - Source: Borough — Camp Distance from Rig: 2 miles — Miles Hauled: 5 — Pumped — Reason for Extra L. Plant

OPERATOR: Western Delta

Rig No. 3 — Oilers DWKS 525

Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd. EH — 5 3/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Sompson	36 K55	17	554	1250	5.50	

MORNING TOUR

TIME DISTRIBUTION—HOURS

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

DRILLING ASSEMBLY AT END OF TOUR

NO.			
4	Stands D.P.		Ft.
1	Singles D.P.	402.84	Ft.
	D.C.		
16	I.D. O.D.	463.07	Ft.
	D.C.		
	I.D. O.D.		Ft.
1	Stb. Body O.D.	5.51	Ft.
1	Stb. Body O.D.	5.45	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Subs O.D.	3.95	Ft.
	Bit or C.B.		Ft.
	Kelly Down	38.18	Ft.
	Total	923.00	Ft.

Wt. of String: 56,000 Lbs.

Pipe in Hole: 13 Jts.

Pipe on Racks: 203 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS16
Nozzle No.	3
Nozzle Size	12
Ser. No.	673300
Depth Out	
Depth In	855
Total Ftg.	68
Total Hr. Run	4 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	100	400	700
Weight	9.0	8.9	
Visc.-Sec.	28	36	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SAWDUST		30 SKS.	
GEL		2800 #	

Driller: Wm. McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
862	923	61	D			120	4	800	6	56	6		(S)

Deviation Record: Depth 893 — Dev. 2 1/4 — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	200	2						DRILLING W/PENDULUM DRILLING ASSEMBLY
200	215	1/4						SURVEY
215	430	2 1/4						DRILLING NO RETURNS
430								LAST CIRC AT 923 ABOUT 200 BBLS.
	800	3 1/2						HOIST IN TO CASING, MIXING GEL SAWDUST

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
4	Stands D.P.		Ft.
1	Singles D.P.	402.84	Ft.
	D.C.		
16	I.D. O.D.	463.07	Ft.
	D.C.		
	I.D. O.D.		Ft.
1	Stb. Body O.D.	5.51	Ft.
1	Stb. Body O.D.	5.45	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Subs O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.18	Ft.
	Total	923.00	Ft.

Wt. of String: 56 m. Lbs.

Pipe in Hole: 13 Jts.

Pipe on Racks: 203 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS16
Nozzle No.	3
Nozzle Size	22
Ser. No.	673300
Depth Out	IN.
Depth In	855
Total Ftg.	69
Total Hr. Run	5 1/4
Cond. of Bit	IN.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 12 — O.T. Hrs.

Trucker TNT ___ Trucker ___ Trucker ___

MUD RECORD

Time	1100	12	300
Weight	9.2	9.3	9.2
Visc.-Sec.	130	130	120
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	# 5300		
CAUSTIC	# 150		
SAWDUST	45 SKS.		
KWIK SEAL	5 SKS.		

Driller: Brian Berlette

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
923	924	1	D			70	4	250	6	40	6	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	1030	2 1/2						MIXING MUD W/SAWDUST
1030	1200	1 1/2						TRIP BIT TO INSTALL LARGER JETS
1200	1245	3/4						CIRC. HEAVY MUD (PARTIAL RETURNS)
1245	315	2 1/2						HOIST TO CASING & MIX GEL & SAWDUST
315	330	1/4						RUN IN TO BOTTOM & BREAK CIRC DUST
330	400	1/2						DRILL 1' W/PUMP IDLING IN ATTEMPT
								TO SEAL OF LOST CIRC. ZONE.
								(PARTIAL RETURNS)

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
4	Stands D.P.		Ft.
2	Singles D.P.	434.06	Ft.
	D.C.		
16	I.D. O.D.	463.07	Ft.
	D.C.		
	I.D. O.D.		Ft.
1	Stb. Body O.D.	5.51	Ft.
	Stb. Body O.D.	5.45	Ft.
4/2	Rmr. Body O.D.	4.00	Ft.
1	Subs O.D.	3.95	Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.96	Ft.
	Total	940.00	Ft.

Wt. of String: 60,000 Lbs.

Pipe in Hole: 14 Jts.

Pipe on Racks: 202 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	REED
Type	SS16
Nozzle No.	3
Nozzle Size	22
Ser. No.	673300
Depth Out	IN
Depth In	855
Total Ftg.	85
Total Hr. Run	7 1/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	500	800	1100
Weight		9.0	8.9
Visc.-Sec.		48	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	#	3500 #	
CAUSTIC	#	50 #	
SAWDUST	7	SKS.	
KWIK SEAL	6	SKS	

Driller: Wm. McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
924	940	16	D			90	4	250	6	68			(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400								HOIST TO CSG & MIX GEL & LOST
	630	2 1/2						CIRC. MATERIAL
630	700	1/2						RUN IN TO BOTTOM & BREAK CIRC.
700	800	1						(REGAINED CIRC. - 7:00 P.M.) Complete.
800								DRILLING W/PENDULUM ASSEMBLY
								CIRC MUD OVER SHAKER TO
								GET RID OF LOST CIRC. MATERIAL TO
								GET BETTER SAMPLES.
	1100	3						WAIT ON ORDERS (RE. DST.)
1100	1200	1						DRILLING
								Could not Drill, because Geologist wanted Samples

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	
No. of Lines	8
Size	1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	8
Cumulative Rotating Hrs.	21

No. 6420

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Cecil Scott et al Kerr McGee Ainsley #34

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

Date Dec 12 1971

Weather Condition 40 — Road Conditions — Nearest Town — Water - Source Lough — Miles Hauled ___ Pumped ___ Camp Distance from Rig 2000 yds. Reason for Extra L. Plant

OPERATOR: Western Rockies

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller A. Bield

Rig No. 3 Idecs DWKS 525 — Drill Pipe String No. 2 Size 4½ — Type Thd. F.H. — Tool Joint 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
9⅝	Jarpom	36. K55	17	534	1250	550	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	3	4
Reaming Kill			½
Conditioning Mud & Circulating			
Trips		2¼	2
Lubricate Rig		¼	
Deviation Survey	¾		½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		2½	1
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines 8 Size 1 1/8

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud 7

Cumulative Rotating Hrs. 14 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
3	Stands D.P.	Ft.
1	Singles D.P.	309.08 Ft.
	D.C. I.D. O.D.	
10		290.61 Ft.
1	D.C. I.D. O.D.	4.05 Ft.
1	Stb. Body O.D.	3.95 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	39.36 Ft.
	Total	647.00 Ft.

Wt. of String 40,000 Lbs.

Pipe in Hole 10 Jts.

Pipe on Racks 206 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	REED
Type	S516
Nozzle No.	3
Nozzle Size	12
Ser. No.	64512
Depth Out	
Depth In	550
Total Ftg.	97
Total Hr. Run	7¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	2000 #		
BENEX	4 #		

Driller L. McLaughlin

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
550	647	97	D			120	5T	800	6	56			S

Deviation Record: Depth 585 — Dev. 2° — Direction — Depth 616 — Dev. 1¾° — Direction — Depth 647 — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	1.00	1						DRILLING
1.00	1.15	¼						SURVEY
1.15	4.15	3						DRILLING
4.15	4.30	¼						SURVEY
4.30	7.45	3¼						DRILLING
7.45	8.00	¼						SURVEY

FUEL 5'3"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
2	Stands D.P.	187.00 Ft.
	Singles D.P.	Ft.
16	D.C. I.D. O.D.	463.07 Ft.
1	D.C. NON ROT. SUB 7⅛	-7.76
1	D.C. I.D. O.D.	10.00 Ft.
1	Stb. Body O.D.	5.51 Ft.
1	Stb. Body O.D.	5.45 Ft.
1	Rmr. Body O.D.	5.45 Ft.
1	Subs O.D.	4.00 Ft.
	SLAB Bit or C.B.	5.29 Ft.
	Kelly Down	39.47 Ft.
	Total	733.00 Ft.

Wt. of String 4 Lbs.

Pipe in Hole 6 Jts.

Pipe on Racks 210. Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	REED
Type	SCM5
Nozzle No.	3
Nozzle Size	12
Ser. No.	674105
Depth Out	IN
Depth In	647
Total Ftg.	86
Total Hr. Run	3
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Batterbee

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
647	733	86	D			75	10½	800	6	56			S

Deviation Record: Depth 616 — Dev. 1¾ — Direction — Depth [illegible] — Dev. — Direction — Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	9.00	1						HOIST OUT FOR STIFF HOOK UP & BIT CHANGE
9.00	11.30	2½						PICK UP STABILIZERS & 6 DRILL COLLARS. CALIPER ALL OF SAME WHILE MAKING UP
								R&R SERVICE.
11.30	11.45	¼						RUN IN W/BIT & STIFF HOOK UP.
11.45	1.00	1¼						DRILLING 8¾ HOLE.
1.00	4.00	3						

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
3	Stands D.P.	Ft.
2	Singles D.P.	340.34 Ft.
16	D.C. 7 2⅞ 6¼ I.D. O.D.	463.07 Ft.
1	D.C. I.D. O.D.	10.00 Ft.
1	Stb. Body O.D.	5.95 Ft.
1	Stb. Body O.D.	5.51 Ft.
1	Rmr. Body O.D.	5.45 Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	39.68 Ft.
	Total	862.00 Ft.

Wt. of String 55,000 Lbs.

Pipe in Hole 11 Jts.

Pipe on Racks 205 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	2	3
Size	8¾	8¾
Mfg.	REED	REED
Type	SCM5	S516
Nozzle No.	3	3
Nozzle Size	12	12
Ser. No.	674105	673300
Depth Out	855	
Depth In	647	855
Total Ftg.	208	7
Total Hr. Run	6½	½
Cond. of Bit	BT-1-1	IN
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time		700
Weight		8.9
Visc.-Sec.		28
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
733	862	129	D			120	4000	900	6	56	6		S

Deviation Record: Depth 764 — Dev. 2° — Direction — Depth 820 — Dev. 2 — Direction — Depth 854 — Dev. 2¼ — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						SURVEY @ 733 (MISRUN)
4.15	5.00	¾						DRILLING.
5.00	5.15	¼						SURVEY @ 764
5.15	8.00	2¾						DRILLING.
8.00	9.00	1						HOIST TO CHANGE STABILIZERS.
9.00	10.00	1						CHANGED TO PENDULUM DRILLING ASSEMBLY.
10.00	11.00	1						RUN IN
11.00	11.30	½						BREAK CIRC AND CLEAN TO BOTTOM.
11.30	12.00	½						DRILLING

No. 6419

GUTHRIE McLAREN Drilling Lab

DAILY DRILLING REPORT

Form 6

Lease Well No. Escalante et al Gulf Amoco 1-54

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. ___ Date Dec 11 1971

Weather Condition 40 Road Conditions Bad

Nearest Town ___ Water - Source Slough Miles Hauled 5 Pumped ___ Camp Distance from Rig ___ Reason for Extra L. Plant ___

OPERATOR Western Escalante

SIGNATURE OF OPERATOR'S REPRESENTATIVE ___

SIGNATURE OF CONTRACTOR'S TOOL PUSHER A Sudick Miller

Rig No. 3 Odeco DWKS 525

Drill Pipe String: No. 2 Size 4½ Type Thd F.H.

Tool Joint 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Gilfsell	214P	14
2.	Gilwell	214P	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAN	36-K55	17	554.30	12.30	550	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. ___

No. of Lines 8 Size 1 1/8

Feet Slipped ___

Feet Cut Off ___

Present Length ___

Ton Mi. or Trips Since Last Cut ___

Cumulative Ton Mi. or Trips ___

No. of Days From Spud 6

Cumulative Rotating Hrs. ___

MORNING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A. Sudick

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰								CUT OFF CASING AND WELD
	1³⁰	1½						ON BOWL
1³⁰	8⁰⁰	6½						HEAD UP
								CHANGED HYDRIL

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
	Stb. Body O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Rmr. Body O.D.	Ft.	Depth Out	
	Subs O.D.	Ft.	Depth In	
	Bit or C.B.	Ft.	Total Ftg.	
	Kelly Down	Ft.	Total Hr. Run	
	Total	Ft.	Cond. of Bit	
Wt. of String		Lbs.	Reamer No.	
Pipe in Hole		Jts.	Reamer Type	
Pipe on Racks		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Total Pipe on Lease		Jts.	Trucker 7017 Trucker ___ Trucker ___	HVS.

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Berkstresser

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9⁰⁰								W.O.C (RIG UP MANIFOLD & FLARE LINE
								REPAIR HYDRIL LINES IN ACCUMULATOR
								PRESS TEST BLIND RAMS TO 800
								PSI - HELD FOR 15 MINS. - CHANGE
	3⁰⁰							HEADS & RODS IN STANDBY PUMP.
3⁰⁰	4⁰⁰	1						DIGGING MOUSE HOLE (BOULDERS

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
2	Stands D.P.	Ft.	Bit No.	1
1	Singles D.P.	215.32 Ft.	Size	8¾
10	D.C. I.D. O.D.	290.61 Ft.	Mfg.	REED
	D.C. I.D. O.D.	Ft.	Type	SS16J
4/0	Stb. Body O.D.	4.00 Ft.	Nozzle No. 3 / Size 17	
BT	Stb. Body O.D.	3.95 Ft.	Ser. No.	64572
	Rmr. Body O.D.	Ft.	Depth Out	
	Subs O.D.	Ft.	Depth In	
	Bit or C.B.	Ft.	Total Ftg.	
	Kelly Down	36.11 Ft.	Total Hr. Run	
	Total	550.00 Ft.	Cond. of Bit	
Wt. of String		38,000 Lbs.	Reamer No.	
Pipe in Hole	7	Jts.	Reamer Type	
Pipe on Racks	209	Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Total Pipe on Lease	216	Jts.	Trucker ___ Trucker ___ Trucker ___	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Berkstresser

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	7⁰⁰	3						DIGGING MOUSE HOLE & INSTALL
								SAME (BOULDERS)
7⁰⁰								RUN IN TO PRESS TEST & DRILL
	8³⁰	1½						OUT FLOAT & SHOE
8³⁰								PRESS TEST BOP RAMS AT 1000
								PSI HELD OK FOR 15 MINS.
								PRESS TEST HYDRIL AT 1050
								PSI HELD OK FOR 15 MINS.
	10⁰⁰	1½						CHECK MOTOR SHUT OFFS.
10⁰⁰	12⁵⁵	2						DRILL OUT FLOAT COLLAR [illegible]
								CEMENT AND SHOE.

No. 6418

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Dealtis et al Gulf Armbro Kitimigay H-54 — Date Dec 10 19 71

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

Weather Condition – 20 — Road Conditions — Nearest Town — Water – Source Slough — Miles Hauled 8 — Pumped ___ — Reason for Extra L. Plant — Camp Distance from Rig 200 yds

OPERATOR: Morton Dealtis

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 Odeco DWKS 525 — Drill Pipe String No. 2 Size 4½ — Tool Joint 5¾ O.D. — Type Thd. F.H.

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	
3.			

LAST CASING TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up To Rest Down 9⅝ Csg		1½	
Drilling Actual			
Reaming	1¼		
Conditioning Mud & Circulating		1¼	
Trips	¾	1¼	
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing		3	
Waiting on Cement		1¾	8
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE-LINE RECORD

Reel No.	
No. of Lines	8 Size 1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	5
Cumulative Rotating Hrs.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
2	Stands D.P.		
1	Singles D.P.	215.33	Ft.
	D.C.		
10	I.D. O.D.	290.61	Ft.
	D.C. Bell O.D.	3.50	Ft.
	Stb. Body O.D.	3.95	Ft.
	Stb. Body O.D.	4.00	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	32.61	Ft.
	Total	550.00	

Wt. of String 40,000 Lbs. — Pipe in Hole 7 Jts. — Pipe on Racks 209 Jts. — Total Pipe on Lease 216 Jts.

BIT RECORD: Bit No. 8S — Size 12 1/4 — Mfg. Smith — Type DGH — Nozzle No. — Size — — Ser. No. GS046 — Depth Out 550 — Depth In 460 — Total Ftg. 90 — Total Hr. Run 14 — Cond. of Bit 7-2-1 — Reamer No. — Reamer Type

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

MUD RECORD

	10⁰⁰	4⁰⁰	7⁰⁰
Weight	9.4	9.4	9.4
Visc.-Sec.	45	42	46
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller L. McEachern

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'l-P Com'd-C
503	550	47	R			50/60	10	150	6		6	72	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	615	6 1/4						REAMING
615	8.00	1¾						DUMMY TRIP (LAY DOWN STAB)
								Mud Returns 10 BBLS Returns
								RAN 17 JTS 9⅝ 36# K55, ST&C NEW CASING W/ GUIDE SHOE FLOAT, 2 CENTRIKZERS 554 ft LANDED @ 550
								CEMENT W/ 260 SKS CONST CEMENT W/ 2% Cal. PLUG DOWN @ 2.15
								FULL 5 1/2" DEC 10 A. Field

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
2	Stands D.P.		
1	Singles D.P.	215.33	Ft.
	D.C.		
10	I.D. O.D.	290.61	Ft.
	D.C. Bell Sub O.D.	3.50	Ft.
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs X/Over Sub O.D.	4.00	Ft.
	Bit or C.B.	3.95	Ft.
	Kelly Down	32.61	Ft.
	Total	550.00	Ft.

Wt. of String 40m · Lbs. — Pipe in Hole 7 Jts. — Pipe on Racks 209 Jts. — Total Pipe on Lease 216. Jts.

BIT RECORD: Bit No. — Size — Mfg. — Type — Nozzle No. — Size — Ser. No. — Depth Out — Depth In — Total Ftg. — Total Hr. Run — Cond. of Bit — Reamer No. — Reamer Type

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker TNT 10 Hrs
Trucker ___ Trucker ___

MUD RECORD

	9⁰⁰	12⁰⁰
Weight	9.4	9.4
Visc.-Sec.	46	42
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	830	½						FINISH IN CIRC TO COND. HOLE PRIOR TO RNG. CSG.
830	845	¼						RIG SERVICE
845	900	¼						HOIST TO RUN 9⅝ CSG.
900	945	¾						RIG TO RUN CSG.
945	1015	½						RUN 9⅝ CSG.
1015	1215	2						CIRC. CASING. (WORK SAME)
1215	115	¾						CEMENT 9⅝ CSG. (PLUG DOWN @ 215)
115	215	1						W.O.C.
215	400	1¾						

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
	Stands D.P.		
	Singles D.P.		
	D.C.		
	I.D. O.D.		Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ___ Lbs. — Pipe in Hole ___ Jts. — Pipe on Racks ___ Jts. — Total Pipe on Lease ___ Jts.

BIT RECORD: Bit No. — Size — Mfg. — Type — Nozzle No. — Size — Ser. No. — Depth Out — Depth In — Total Ftg. — Total Hr. Run — Cond. of Bit — Reamer No. — Reamer Type

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Don Pritchard

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8						W.O.C.
								CLEANING MUD TANK

No. 6417

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Beattie et al Gulf Armbro Swigley H-54 — Date: Dec 9 1971

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

Weather Condition: -15 — Road Conditions: — Nearest Town: — Water - Source: Slough — Miles Hauled: 8 — Pump: — Camp Distance from Rig: 200 yds. — Reason for Extra L. Plant: —

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Fudal

Rig No. 3 Ideco DWKS 525

Drill Pipe String: No. 2, Size 4½

Tool Joint: 5 3/4 O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214P	14
2.	Oilwell	214P	14
3.			

LAST CASING / TUBING / OR LINER

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

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	3	6	7¾
Conditioning Mud & Circulating			
Trips	3	1½	
Lubricate Rig		¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	2	¼	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional	6	8	6
Totals	8	8	6

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines 8 Size 1 1/8

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud 17

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
2	Singles D.P.	62.50 Ft.
10	D.C.	290.61
STAB.	O.D.	5.44 Ft.
DOUBLE BOX		2.48
S.W.R.	O.D.	4.90 Ft.
DOUBLE PIN SUB	Body O.D.	1.80 Ft.
COMBO	Body O.D.	10.00 Ft.
BIT SUB	Rmr. Body O.D.	3.95 Ft.
BELL	Subs O.D.	3.50 Ft.
C/O	Backs	4.00 Ft.
	Kelly Down	38.82 Ft.
	Total	428.00 Ft.

Wt. of String 42,000 Lbs.

Pipe in Hole 2 Jts.

Pipe on Racks 214 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	7-S	
Size	12 1/4	
Mfg.	SMITH	
Type	DGH-J	
Nozzle No.	—	
Nozzle Size	—	
Ser. No.	GR937	
Depth Out		
Depth In	400	
Total Ftg.	28	
Total Hr. Run	3	
Cond. of Bit	IN	
Reamer No.	D12X4994L	
Reamer Type	S.W	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	100	400	700
Weight	T		9.5
Visc.-Sec.	R	1	50
W.L.-C.C.		P	
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
400	428	28	R			50/60	10	150	6		6	72	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	2 00	2						REPAIR
2 00	2 30	1/2						FINISHED OUT WITH REAMER
2 30								BREAK DOWN STIFF HOOK UP AND
	4 30	2						RIG UP FOR SIDEWALL REAMER
4 30	5 00	1/2						RUN IN WITH 12 1/4
5 00	8 00	3						REAMING 8 3/4 TO 12 1/4
								FUEL 4 ft. 4 in.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
1	Stands D.P.	93.55 Ft.
1	Singles D.P.	31.24 Ft.
10	D.C.	290.61
STAB.	O.D.	5.44 Ft.
DOUBLE BOX		2.48
S.W.R.	O.D.	4.90 Ft.
DOUBLE PIN SUB	Body O.D.	1.80 Ft.
CO	Stb. Body O.D.	10.00 Ft.
BIT SUB	Rmr. Body O.D.	3.95 Ft.
BELL	Subs O.D.	3.50 Ft.
X/O	C.B.	4.00 Ft.
	Kelly Down	10.53 Ft.
	Total	462.00 Ft.

Wt. of String 43m. Lbs.

Pipe in Hole 4 Jts.

Pipe on Racks 212 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	7-S	8-S
Size	12 1/4	12 1/4
Mfg.	SMITH	SMITH
Type	DGHJ	DGHJ
Nozzle No.	—	—
Nozzle Size	—	—
Ser. No.	6R937	6S046
Depth Out	460	IN
Depth In	400	460
Total Ftg.	60	2
Total Hr. Run	8 3/4	1/4
Cond. of Bit	5-2-1	IN
Reamer No.	D12X4994L	
Reamer Type	SIDE WALL	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	900	1200	300
Weight	9.4	9.4	T
Visc.-Sec.	44	40	R
W.L.-C.C.			
FL TR. CK.			I
PH			P
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Burtchen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
428	462	34	R			45/60	10	150	6	—	6	72	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	1/4						RIG SERVICE
815	200	5 3/4						REAMING
900	215	1/4						REPAIR LATCH IN HYDRA-HOOK, PICKUP
215	345	1 1/2						TRIP FOR BIT
345	400	1/4						REAMING.
								D-8 - Split BRUSH PILES 1000 FT
								TRUCK - HAUL FUEL, FUEL CAMP
								HAUL DEGASER

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
1	Stands D.P.	Ft.
2	Singles D.P.	155.91 Ft.
10	D.C.	290.61
STAB.	O.D.	5.44 Ft.
DOUBLE BOX		2.48
S.W.R.	O.D.	4.90 Ft.
DOUBLE PIN SUB	Body O.D.	1.80 Ft.
CO	Stb. Body O.D.	10.00 Ft.
BIT SUB	Rmr. Body O.D.	3.95 Ft.
BELL	Subs O.D.	3.50 Ft.
X/O	C.B.	4.00 Ft.
	Kelly Down	20.41 Ft.
	Total	503.00 Ft.

Wt. of String 43,000 Lbs.

Pipe in Hole 5 Jts.

Pipe on Racks 211 Jts.

Total Pipe on Lease 216 Jts.

BIT RECORD

Bit No.	8-S	
Size	12 1/4	
Mfg.	SMITH	
Type	DGH-J	
Nozzle No.	—	
Nozzle Size	—	
Ser. No.	6S046	
Depth Out		
Depth In	460	
Total Ftg.	43	
Total Hr. Run	8	
Cond. of Bit	IN	
Reamer No.	D12X4994L	
Reamer Type	S.W.	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	500	800	1100
Weight	9.4	9.4	9.4
Visc.-Sec.	42	40	48
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. McArthur

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
462	503	41	R.			50/60	10	150	6		6	72	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	930	5 1/2						REAMING.
930	945	1/4						RIG SERVICE
945	12 00	2 1/4						REAMING

No. 6416

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Sealta et al Gulf Amoco Wrigley H-54 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. M. Date: Dec 8 19 71

Weather Condition: -25 Road Conditions: Nearest Town: Water — Source: Slough Miles Hauled: 8 Pumped: ___ Camp Distance from Rig: 200 yds Reason for Extra L. Plant:

OPERATOR: Western Sealta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Ewald

Rig No. 3 Ideco DWKS 525 | Drill Pipe String: No. 2 Size 4½ Type Thd. F.H. | Tool Joint 5 3/4 O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214B	14
2.	Oilwell	214B	14
3.			

LAST CASING / TUBING OR LINER

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

MORNING TOUR

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	8
No. of Lines / Size	1 / 1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	3
Cumulative Rotating Hrs.	

DRILLING ASSEMBLY AT END OF TOUR

NO.			
1	Stands D.P.		Ft.
2	Singles D.P.	155.91	Ft.
10	D.C. 2 7/8 6 1/4 I.D. O.D.	290.61	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	4.00	Ft.
	Stb. Body O.D.		Ft.
5 1 1	Rmr. Body O.D.	26.20	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	34.28	Ft.
	Total	511.00	Ft.

Wt. of String: 42,000 Lbs.

Pipe in Hole: 5 Jts.

Pipe on Racks: 211 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	45	
Size	8 3/4	
Mfg.	REED	
Type	YHW	
Nozzle No.	CON	
Nozzle Size		
Ser. No.	176483	
Depth Out		
Depth In	431	
Total Ftg.	80	
Total Hr. Run	8	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges: Trucker ___ Reg. Hrs. ___ O.T. Hrs. ___; Trucker ___; Trucker ___

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.5	9.5	9.5
Visc.-Sec.	67	68	65
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McLauthlin

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
454	511	57	D			70/100	15/20	250	6		6	72	S

Deviation Record: Depth 485 Dev. 1 1/4° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 30	12 45	1/4						REPAIR ON DWKS. TRANS. OIL LEAK
12 45	4 00	3 1/4						DRILLING (ROUGH)
4 00	4 30	1/2						SURVEY 3 RUNS 2 MISRUNS
4 30	8 00	3 1/2						DRILLING

FUEL 5 ft. 1 in.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
2	Stands D.P.		Ft.
1	Singles D.P.	215.33	Ft.
10	D.C. 2 7/8 6 1/4 I.D. O.D.	290.61	Ft.
1	D.C. 2 7/8 I.D. O.D.	10.00	Ft.
1	Stb. Body O.D.	5.24	Ft.
1	Stb. Body O.D.	5.44	Ft.
1	Rmr. Stb. Body O.D.	5.52	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	18.00	Ft.
	Total	550.00	Ft.

Wt. of String: 42m. Lbs.

Pipe in Hole: 7 Jts.

Pipe on Racks: 209 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	45	5 3
Size	8 3/4	8 3/4
Mfg.	REED	REED
Type	YHW	YHW
Nozzle No.	CON	CON
Nozzle Size		
Ser. No.	476483	476495
Depth Out	523	550
Depth In	431	523
Total Ftg.	92	27
Total Hr. Run	9 1/4	2 1/2
Cond. of Bit	4-4-1	2-1-1
Reamer No.		
Reamer Type		

Water Charges: Trucker F.W.I. Reg. Hrs. 14 O.T. Hrs. ___; Trucker ___; Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.4	9.4	9.4
Visc.-Sec.	65	60	62
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Bertelsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
511	550	39	D			10/120	15/20	250	6		6	72	(S)

Deviation Record: Depth 511 Dev. 1 1/4° Direction; Depth 550 Dev. 1 1/4° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 30	1/2						DRILLING. (ROUGH)
8 30	8 45	1/4						RIG SERVICE
8 45	9 45	1						SURVEY (3 MISRUNS)
9 45	10 30	3/4						DRILLING
10 30	12 00	1 1/2						TRIP FOR BIT
12 00	2 30	2 1/2						DRILLING.
2 30	2 45	1/4						SURVEY
2 45	4 00	1 1/4						TRIP TO PICKUP 12 1/4" REAMER

D-8 BLADE ROAD
TRUCK SUPPLIES

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
2	Singles D.P.	62.50	Ft.
10	D.C. 2 7/8 6 1/4 I.D. O.D.	290.61	Ft.
1	D.C. I.D. O.D.	10.00	Ft.
	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.	5.52	Ft.
1	Rmr. Body O.D.	3.24	Ft.
Double	Subs O.D.	2.48	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	16.21	Ft.
	Total	400.00	Ft.

Wt. of String: 42,000 Lbs.

Pipe in Hole: 2 Jts.

Pipe on Racks: 214 Jts.

Total Pipe on Lease: 216 Jts.

BIT RECORD

Bit No.	RMR-65	
Size	12 1/4	
Mfg.		
Type	3 CUTTER	
Nozzle No.		
Nozzle Size		
Ser. No.	39196	
Depth Out	400	
Depth In	371	
Total Ftg.	29	
Total Hr. Run	6 3/4	
Cond. of Bit	8-8-0 1/2	
Reamer No.		
Reamer Type		

Water Charges: Trucker ___ Reg. Hrs. ___ O.T. Hrs. ___; Trucker ___; Trucker ___

MUD RECORD

Time	5:00	8:00	11:00
Weight	9.4	9.4	9.4
Visc.-Sec.	60	62	65
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McLauthlin

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
371	400	29	R.			70/80	8/12	200	6		6	72	(S)

Deviation Record: Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	500	1						PICK UP REAMER BODY & RUN IN.
500	900	4						REAM 8 3/4 TO 12 1/4
900	915	1/4						RIG SERVICE
915	1200	2 3/4						REAMING TO 12 1/4 (ROUGH)

No. 6415

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Decalta et al Gulf Chinook Chinook H-54 — Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date Dec 7 19 71

Weather Condition -20 | Road Conditions | Nearest Town | Water - Source Clouchi, Miles Hauled ___, Pumped ___ | Camp Distance from Rig 200 yds. | Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Field

Rig No. 3 Ideco DWKS 525 | Drill Pipe String No. 2 Size 4½ | Tool Joint 5 3/4 O.D. | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Dilwell	214P	14
2.	Dilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

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

TIME DISTRIBUTION — HOURS

	Morn.	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	6 1/4	5 1/2	3 1/4
Reaming			1/2
Conditioning Mud & Circulating			
Trips	1 1/4	13/4	3
Lubricate Rig		1/4	
Deviation Survey	1/2	1/4	1/4
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		1/4	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	6	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. ___ | No. of Lines 8 | Size 1 1/8 | Feet Slipped ___ | Feet Cut Off ___ | Present Length ___ | Ton Mi. or Trips Since Last Cut ___ | Cumulative Ton Mi. or Trips ___ | No. of Days From Spud 2 | Cumulative Rotating Hrs. ___

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
	Stands D.P.		
2	Singles D.P.	62.50	Ft.
	D.C. I.D. O.D.		Ft.
10	D.C. I.D. O.D.	290.61	Ft.
	Stb. Body 4/0 O.D.	4.00	Ft.
	Stb. Body 4/0 O.D.	3.95	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	32.94	Ft.
	Total	394.00	Ft.

Wt. of String 42,000 Lbs. | Pipe in Hole 2 Jts. | Pipe on Racks 214 Jts. | Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	1-8	2-8
Size	12 1/4	8 3/4
Mfg.	SEC	H.W.
Type	S3	OWC
Nozzle No.	CON	CON
Nozzle Size		
Ser. No.	673759	45459
Depth Out	371	
Depth In	61	371
Total Ftg.	310	23
Total Hr. Run	14 3/4	4
Cond. of Bit	3-6-1	IN
Reamer No.		
Reamer Type		

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

MUD RECORD			
Time	100	400	700
Weight	9.3	9.3	9.4
Visc.-Sec.	73	75	74
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A. Sheldon

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
316	394	78	D			208	8/10	200	6		6	72	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	316	1°		371	2 1/4°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4						SURVEY
1215	230	2 1/4						DRILLING 12 1/4 HOLE
230	245	1/4						SURVEY
245	400	1 1/4						TRIP FOR BIT TO POINT
400	800	4						DRILLING 8 3/4 HOLE

FUEL 3,000 Litres
PARTICALS OF IRON PYRITE @ 370

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
1	Stands D.P.	93.55	Ft.
	Singles D.P.		Ft.
10	D.C. I.D. O.D.	290.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	3.95	Ft.
	Bit or C.B.	4.00	Ft.
	Kelly Down	27.89	Ft.
	Total	420.00	Ft.

Wt. of String 42 m. Lbs. | Pipe in Hole 3 Jts. | Pipe on Racks 213 Jts. | Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	2-8	3-8
Size	8 3/4	8 3/4
Mfg.	H.W.	REED
Type	OWC	4M
Nozzle No.	CON	CON
Nozzle Size		
Ser. No.	45459	458380
Depth Out	397	IN
Depth In	371	397
Total Ftg.	26	23
Total Hr. Run	5 1/2	4
Cond. of Bit	7-3-1	IN.
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ~~Todd~~ — Trucker T.N.I. 11 — Trucker ___

MUD RECORD			
Time	900	100	300
Weight	9.4	9.4	9.5
Visc.-Sec.	70	71	65
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Bertelsen

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
394	~~397~~ 420	26	D			120/130	8/12	200	6		6	72	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	397	1 3/4°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	930	1 1/2						DRILLING.
930	945	1/4						SURVEY & ~~RIG SERVICE~~
945	1000	1/4						RIG SERVICE
1000	1015	1/4						WELD ON BLOCKS
1015	1200	13/4						TRIP FOR BIT
1200	400	4						DRILLING 8 3/4 (PILOT HOLE)

D-8 ROAD & CLEAN UP RACK SITE
TRUCK HAUL SUPPLIES & FUEL

STRINGERS OF IRON PYRITE FROM 397'-

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
1	Stands D.P.	93.55	Ft.
	Singles D.P.		Ft.
10	D.C. 2 7/8 1 1/4 I.D. O.D.	290.61	Ft.
	D.C. C/O I.D. O.D.	4.00	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body STIFF O.D.	26.20	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.64	Ft.
	Total	454.00	Ft.

Wt. of String 42,000 Lbs. | Pipe in Hole 3 Jts. | Pipe on Racks 213 Jts. | Total Pipe on Lease 216 Jts.

BIT RECORD		
Bit No.	3-8	4-8
Size	8 3/4	8 3/4
Mfg.	REED	REED
Type	4M	V HW
Nozzle No.	CON	CON
Nozzle Size		
Ser. No.	458380	V76483
Depth Out	431	
Depth In	397	431
Total Ftg.	34	23
Total Hr. Run	6	1 1/4
Cond. of Bit	5-2-1	IN
Reamer No.		
Reamer Type		

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

MUD RECORD			
Time	500	800	1100
Weight	9.5	"	9.5
Visc.-Sec.	68	R	65
W.L.-C.C.			
FL TR. CK.			
PH		P	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller [signature]

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
420	454	34	D				15/20	200	6		6	72	(S)

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	431	1 1/2°		454	2°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	600	2						DRILLING 8 3/4 PILOT HOLE
600	630	1/2						SURVEY (1 MISRUN)
630	930	3						TRIP TO PICKUP STIFF HOOK-UP & BIT
930	1000	1/2						REAM TO BOTTOM. 50 ft.
1000	1115	1 1/4						DRILLING
1115	1200	3/4						SURVEY 3 RUNS 2 MISRUNS

No. 6414

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Regatta et al Gulf Rockies Nikishka 4-54 — Date: Dec 6 1971

Location — Lsd. — Sec. 4 Twp. — Rge. — W. — M.

Weather Condition: -20 — Road Conditions — Nearest Town — Water - Source: St. Dough — Miles Hauled: 8 — Pumped — Reason for Extra L. Plant — Camp Distance from Rig: 200 yds

OPERATOR: Western Derrick

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Ewald

Rig No. 3 — Odeco DWKS 525

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 5 3/4 O.D. — Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Oilwell	214A	14
2.	Oilwell	214A	14
3.			

LAST CASING TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
2	D.C. 2 1/2 I.D. O.D.	61.06 Ft.
1	D.C. 2 1/8 6 1/4 I.D. O.D.	28.00 Ft.
	Stb. Body / O.D.	3.95 Ft.
	Stb. Body / O.D.	2.05 Ft.
	Rmr. Body / O.D.	4.00 Ft.
	Subs / O.D.	3.50 Ft.
	Bit or C.B.	Ft.
	Kelly Down	28.44 Ft.
	Total	131.00 Ft.
	Wt. of String	30,000 Lbs.
	Pipe in Hole	Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD	
Bit No.	1S
Size	12 1/4
Mfg.	SEC
Type	conv 53
Nozzle No.	
Nozzle Size	
Ser. No.	673759
Depth Out	IN
Depth In	61
Total Ftg.	70
Total Hr. Run	2 3/4
Cond. of Bit	
Reamer No.	
Reamer Type	
Water Charges	Reg. Hrs. O.T. Hrs.
Trucker	
Trucker	
Trucker	

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.	WATER		
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.
CAUSTIC	50#		
GEL	20 SKS		

Driller: [illegible]

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
61	131	70	D			160	10	200	6	68			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	70	0°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	4 00	4						DRLING RAT HOLE AND RIG UP CIRC LINES & SOCK.
4 00	5 00	1						RIG UP TO SPUD PICK 7" COLLARS & SUBS.
5 00	10 30	1						SPUD IN W/ 12 1/4 BIT
10 30	10 45	1/4						SURVEY
10 45	8 00	1 3/4						DRILLING

FUEL 1ft 9 inches.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
4	D.C. 2 1/4 I.D. O.D.	119.73 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body C / O.D.	3.95 Ft.
	Stb. Body C / O.D.	2.05 Ft.
	Rmr. Body C / O.D.	4.00 Ft.
	Subs BELL O.D.	3.50 Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	171.00 Ft.
	Wt. of String	33 m Lbs.
	Pipe in Hole	Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD	
Bit No.	1S
Size	12 1/4
Mfg.	SEC.
Type	CON. S3
Nozzle No.	
Nozzle Size	
Ser. No.	673759
Depth Out	IN.
Depth In	61
Total Ftg.	111
Total Hr. Run	5 1/4
Cond. of Bit	IN.
Reamer No.	
Reamer Type	
Water Charges	Reg. Hrs. O.T. Hrs.
Trucker	
Trucker	
Trucker	

MUD RECORD			
Time	900	1100	300
Weight	8.5	8.8	9.0
Visc.-Sec.	28	70	90
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.
CAUSTIC	± 100		
GEL	± 3000		
SAWDUST	40 SXS.		

Driller: Brian Gustetson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
131	170	40	D			16	10-15	100	6	56			B

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	171	3/4							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 15	1/4						RIG SERVICE
8 15	10 00	1 3/4						DRILLING W/ 12 1/4" BIT.
10 00	3 00	5						MUD UP. W/ GEL & SAWDUST DUE TO MUD LEAKING BY CONDUCTOR BBL.
3 00	3 15	1/4						SURVEY
3 15	4 00	3/4						DRILLING W/ 12 1/4 BIT.

NB COND. BBL. SEALED OFF.

NOTE: CONDUCTOR PIPE LOOKS LIKE IT LEAKS BETWEEN INSULATION AND CEMENT A.S.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
2	D.C. 2 1/4 I.D. O.D.	61.06 Ft.
8	D.C. 2 1/8 6 1/4 I.D. O.D.	229.55 Ft.
1	Stb. Body C / O.D.	3.95 Ft.
1	Stb. Body C / O.D.	4.00 Ft.
1	Rmr. Body C / O.D.	3.50 Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	13.94 Ft.
	Total	316.00 Ft.
	Wt. of String	40,000 Lbs.
	Pipe in Hole	0 Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD	
Bit No.	1S
Size	12 1/4
Mfg.	SEC.
Type	S3
Nozzle No.	CON.
Nozzle Size	
Ser. No.	673759
Depth Out	
Depth In	61
Total Ftg.	255
Total Hr. Run	12 1/2
Cond. of Bit	IN
Reamer No.	
Reamer Type	
Water Charges	Reg. Hrs. O.T. Hrs.
Trucker	
Trucker	
Trucker	

MUD RECORD			
Time	600	800	1000
Weight	9.0	9.0	9.0
Visc.-Sec.	70	75	70
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.

Driller: [illegible]

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
171	316	145	D			180	10	160	6	60			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	228	3/4		290	1 1/2°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	[illegible]	4						DRILLING
8 00	8 30	1/2						SURVEY AND RIG SERVICE
8 30	10 30	2						DRILLING
10 30	10 45	1/4						SURVEY
10 45	12 00	1 1/4						DRILLING

WAIT RED FORK LIFT JACK HAUL SUPPLIES

WIRE LINE RECORD

Reel No.

No. of Lines: 8 — Size: 1 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: 1

Cumulative Rotating Hrs.

TIME SUMMARY (Office Use Only)

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

No. 6413

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease and Well Name: Kwadacha Tribal Gulf Onker #54 — Date: Dec 5 19 76

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. — Weather Condition: -12 — Road Conditions: ___ — Nearest Town: ___ — Water - Source ___ Miles Hauled ___ Pumped ___ — Camp Distance from Rig ___ Reason for Extra L. Plant ___

OPERATOR: Western Decalta Petroleum

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Reid

Rig No. 3 — DWKS

Drill Pipe String: No. ___ Size ___

Tool Joint: Type Thd. ___ O.D. ___

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Dilwell	214P	14
2.	Dilwell	214P	14
3.			

LAST CASING / TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. ___

No. of Lines ___ Size ___

Feet Slipped ___

Feet Cut Off ___

Present Length ___

Ton Mi. or Trips Since Last Cut ___

Cumulative Ton Mi. or Trips ___

No. of Days From Spud ___

Cumulative Rotating Hrs. ___

MORNING TOUR

NO. ___ DRILLING ASSEMBLY AT END OF TOUR

Stands D.P.		Ft.
Singles D.P.		Ft.
D.C. I.D. O.D.		Ft.
D.C. I.D. O.D.		Ft.
Stb. Body O.D.		Ft.
Stb. Body O.D.		Ft.
Rmr. Body O.D.		Ft.
Subs O.D.		Ft.
Bit or C.B.		Ft.
Kelly Down		Ft.
Total		Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker (Dawson) — 10 — 10

Trucker (D.W.T.) —

Trucker —

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: [signature]

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200		8						W.O.C.

DAY TOUR

NO. ___ DRILLING ASSEMBLY AT END OF TOUR

Stands D.P.		Ft.
Singles D.P.		Ft.
D.C. I.D. O.D.		Ft.
D.C. I.D. O.D.		Ft.
Stb. Body O.D.		Ft.
Stb. Body O.D.		Ft.
Rmr. Body O.D.		Ft.
Subs O.D.		Ft.
Bit or C.B.		Ft.
Kelly Down		Ft.
Total		Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Brian Berthelsen

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
900	400							W.O.C.
								D-8, WORK ON ROAD & AIRSTRIP
								TRUCK - HAUL PIPE & SUPPLIES

EVENING TOUR

NO. ___ DRILLING ASSEMBLY AT END OF TOUR

Stands D.P.		Ft.
Singles D.P.		Ft.
D.C. I.D. O.D.		Ft.
D.C. I.D. O.D.		Ft.
Stb. Body O.D.		Ft.
Stb. Body O.D.		Ft.
Rmr. Body O.D.		Ft.
Subs O.D.		Ft.
Bit or C.B.		Ft.
Kelly Down		Ft.
Total		Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: [signature]

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8						DIGGING RAT HOLE (BOULDERS)
								W.O.C.

No. 6412

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease — Well No. Decalta et al Gulf Amoco
Wrigley 4-54
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date DEC 4 19 71

Weather Condition -5 | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp. Distance from Rig | Reason for Extra L. Plant

OPERATOR
Gulf Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER
A Field

Rig No. 3 DWKS

Drill Pipe String No.	Size	Tool Joint Type Thd.	O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING								
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

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

MORNING TOUR

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

DAY TOUR

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

EVENING TOUR

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

MORNING TOUR

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
36	56	20											

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	800	8						DIG 22" CONDUCTOR HOLE
								RAN 61 FT 13⅜ CONDUCTOR PIPE
								CEMENT W/ 63 SKS PERMA
								FROST CEMENT PLUS 200 LBS
								CACL2

DAY TOUR

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
56	61	5	D										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	1/4						T/G SERVICE
815	930	1¼						DRILL CONDUCTOR HOLE
930	1000	½						WELD ON BUCKET
1600	1700	1						DRILL COND. HOLE
1100	400	5						LAY DOWN SWIVEL, KELLY & COLLARS & PULL
								TABLE TO RUN 22" COND. PIPE & RUN SAME
								~~CEMENT COND. PIPE~~
	T.N.T	16						
	Steel shop							D-8 WORK ON ROAD & AIRSTRIP
								FALCON TRUCK HAUL PIPE & SUPPLIES

EVENING TOUR

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	500	1						CEMENT COND. PIPE
500	1200	7						W.O.C.

Mud & Chemicals Added
CACl2 200
CEMENT 63 SACKS
(PERMA FROST)

No. 6411

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. Bessalta Stal Gulf Amfost 1

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

Date DEC 3 1971

Weather Condition -10

Road Conditions

Nearest Town NONE

Water - Source ___ Miles Hauled ___ Pumped ___

Camp Distance from Rig ___ Reason for Extra L. Plant ___

OPERATOR: Western Bessalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Siebel

Rig No. DWKS

Drill Pipe String: No. ___ Size ___

Tool Joint: Type Tbd. O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size ___

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
5:00	5:00	9.						PUT UP PREFABS PUMP HOUSE & MUD HOUSE
								RIG UP ON PUMPS & ETC.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	BUCKET
	Singles D.P.	Ft.	Size	22"
	D.C. I.D. O.D.	Ft.	Mfg.	
			Type	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	IN.
	Rmr. Body O.D.	Ft.	Depth In	0
	Subs O.D.	Ft.	Total Ftg.	36
	Bit or C.B.	4.50 Ft.	Total Hr. Run	7½
	Kelly Down	31.50 Ft.	Cond. of Bit	
	Total	36.00 Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks		Jts.	Trucker T.N.T	12
Total Pipe on Lease		Jts.	Trucker	
			Trucker	

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Brian Berkelaar.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
0	36	36	D										

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:30	4:00	8						RIG UP FLOOR & PREFABS & RIG UP TO
								DRILL CONO HOLE
4:00	9:30	5½						DRILL W/22" BUCKET
9:30	10:00	½						CHANGE TEETH IN BUCKET
10:00	12:00	2						DRILL W/ BUCKET
								CHANGED OIL IN D-8 WORK ON LEASE & ROAD
								COMPOUND & FLUSHED HAUL CASING, YELLOW JACKET, SUPPLIES
								SAME W/DIESEL FUEL SPUD IN W/ 22" BUCKET
								4:00 P.M.
								DEC 3 1971

EVENING TOUR

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

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Bernie Racek

FOOTAGE

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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								PUT UP PREFABS PUMP HOUSE & MUD HOUSE.
								PUT CONDUCTOR BBL TO GATOR & WELD
								& PUT ON GAS WALK
								RAY LUSSIER SMASHED LEFT RING FINGER