Drilling Authority No. 570
Date Issued 17-01-72

WELL NAME Decalta et al Dome Keele S. A-28
FIELD ..... Area: .....
LOCATION: Unit A Section 28 Grid 64-10-125-00
Latitude 64.07.0 3 Longitude 125.04.10
U.W.L.R. 64.11750 - 125.06944
U.W.I. 300A286410125000

Rig Release Date: 20-05-72
Status D + A
Information Release Date 20-05-74

CHANGE OF NAME:

DATE RECEIVED		INDEX
10-01-72	K	Application for a Drilling Authority.
		Well Completion Data.
22-01-73	K	Well History Report.
19-04-72	K	Application to Amend a Drilling Authority.
		Application to change a Well Name.
21-02-73	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.
27-2-72 9-5-72	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, 2		
Comp. ND	1		
DILL	1, 2		
VDA	1		
HR Dip	1		
Lith	1		

ANALYSES:

Sample	Lab. No.	Formation	Interval

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

DRILL STEM TESTS:

No.	Formation	Interval

File No. .....
Drilling Authority No. 570

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 Dome Keele S A-28
Location: Unit A Section 28 Grid 64-10; 125-00
Latitude 64°07'03" Longitude 125° 04'10"
From Established Reference Marker
Universal Well Location Reference
Permit No. 5418 Lease No. -

Dome Petroleum Limited
(Permittee, Licensee, Lessee)

Date of commencement of proposed program May 18,1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at -
Gas at -
Water at 1683-98, 1860-75, 1644-59
Total Depth 10,500 Date of last operations May 20, 1972
Present condition of well Plugged & Abandoned

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	9-5/8	36	1027	1020	125	-
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	10,500-10,400	Bear Rock	55	
2	8,500- 8,400	Hume	58	Felt @ 8397'
3	2,000- 1,600	Little Bear	287	Felt @ 1635'
4	1,070- 970		61	Felt @ 980'
5	Surface		10	steel plate

The following logs have been run CND, DIL, BHCS, DIPMETER, DENSITY
Other operations proposed -

Operations to be carried out by Guthrie-McLaren Contractor Licence No. 0989
Address 14630 - 119 Ave., Edmonton, Alta. Address
Responsible Agent in field Guthrie Toolpusher
Dated at Calgary, this 16 Day of November 19 72
Signed by [signature] Company Western Decalta Petroleum Limited
Title Chief Engineer 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 Nov 23, 19 72

[signature]
Oil Conservation Engineer

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

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

File No. .....
Drilling Authority No. 570

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Amend a Drilling Authority

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

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 570, concerning Decalta et al Dome Keele S A-28

(Name and Number of Well)

The following amendments are required:

Expected total final depth to read - 10,500'.

Reasons for the amendments:

Formations encountered at greater depths than originally projected from seismic and geological data.

Dated at Calgary, this 17th day of April, 1972

Signed by [signature]

Title Chief Engineer

Company WESTERN DECALTA PETROLEUM LIMITED

(For Oil and Mineral Division use only)

APPROVED

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

Date April 19, 1972 [signature]
Oil Conservation Engineer

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

IAND 52-90-3 (9-69)

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 19 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

848938

Drilling Authority No. 570'
Project No.
File No.

DEPT. I. A. & N.D.
CENTRAL MAIL ROOM

CANADA

JAN 9 5 11 AM '72

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 here by made for approval to drill:—

Name and number of well Decalta et al Dome Keele S A-28

Location: Unit A Section 28 Grid 64 - 10; 125 - 00

Latitude 64° 07' 03" N Longitude 125° 04' 10" W

Unique Well Identifier 300A286410125000

Universal Well Location Reference N 64.11750 W 125.06944

Elevation: Ground 1266 K.B. 1280 feet above sea-level.

Well is expected to produce from Exploratory formation at a depth of about feet. Expected total final depth 10,000'

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 5418 Lease No. - Acreage 27,959

Permittee, licensee, or lessee Dome Petroleum Limited

Exploratory Licence No. 1934

Surface owned by Crown or

(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. 13-3/8	48	H-40	New	100	95
2. 9-5/8	36	K-55	New	1000	400
3.					
4.					
5.					

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

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

Responsible agent of applicant:—

At well (Guthrie Toolpusher) Contractor's Business Licence No. 0989

Address At registered office W. G. Tyler

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

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

Dated at Calgary, this 7th day of January 19 72

Signed by W. G. Tyler 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:

Dated Jan 17 19 72

Oil Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 10 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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

IAND 52-30-1 (3-69)

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO.
FOR Decalta et al Dome Keele S A-28

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,
District Conservation Engineer,
Box 1500,
Yellowknife, N.W.T.

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

DRILLING AUTHORITY

WELL BULLETIN - - CANADA LAND

OIL AND MINERAL DIVISION

DATE: Jan. 12, 1972.

Date Drilling Authority Issued: January 7, 1972.

Serial No.: 5418

Company: Western Decalta Petroleum Limited

Well Name: Decalta et al Dome Keele S A-28

Location: 64° 07' 03" N 125° 04' 10" W

Co-ordinates: Unit A Section 28 Grid 64 - 10; 115 - 00

Universal Well Location Reference: N 64.11750 W 125.06944

Unique Well Identifier: 300A286410125000

Field: Wildcat

Ground Elevation: 1266'
Projected Depth 10,000'

Contractor: Guthrie McLaren Drilling Ltd.
Rig No. 2

MAIL TO:
Oil & Gas Journal
Petroleum Information Exchange
Oilweek
Daily Oil Bulletin
Well Information Services
Northwestern District Oil Scouts
D. Bohun
M. Thomas

Oil Conservation Engineer,
Department of Indian Affairs &
Northern Development
Oil and Minerals Division,
[illegible] Avenue [illegible],
CALGARY 24, Alberta.

D R I L L I N G P R O G R A M

GUTHRIE McLAREN DRILLING LTD.

WELL NAME: Decalta et al Dome Keele S A-28

CO-ORDINATES: 64° 07' 03" N Lat., 125° 04" 10" W Long.

LOCATION: Shot Point 95 on Line W.D. 11

GROUND ELEVATION: 1266.4' (actual)

K.B. ELEVATION: 1280.0' (estimated)

GEOLOGIC PROGNOSIS:

Formation	Depth K.B.	Elevation
Little Bear Sands	1845	(- 575)
Slater River	2645	(-1365)
San Sault Sand.	3545	(-2265)
Imperial	3600	(-2320)
Imperial Marker #1	4480	(-3200)
Imperial Marker #2	4730	(-3450)
Nahanni (Hume)	7630	(-6350)
Headless	7810	(-6530)
Funeral	7930	(-6650)
Bear Rock	8130	(-6850)
Ronning	9200	(-7920)
Total Depth	9700	(-8420)

Ten foot samples are required from surface to total depth.

DRILLING PROGRAM:

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

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

..../2

DRILLING PROGRAM - (continued)

3. Run 1000' of 9-5/8", 36#, K-55 ST&C casing equipped with guide shoe, float baffle and 2 centralizers on the bottom 2 joints. Cement with 380 sacks Portland cement + 2% $CaCl_2$. Ensure cement returns to surface. Allow a minimum of 24 hours WOC prior to drilling out.

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

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

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

January 7, 1972.

August 26, 1971.

DECALTA ET AL DOME KEELE S. A-28

(A-28 of 64°10' N 125°00'W)

To be drilled on SP 95 of Line WD 11

64°07'03"N 125°04'10"W

Grd. 1266.4
K.B. 1280 (est.)

FORMATION	DEPTH	ELEVATION
Little Bear Sands	1845	- 575
Slater River	2645	-1365
San Sault Sand.	3545	-2265
Imperial	3600	-2320
Imperial Marker #1	4480	-3200
Imperial Marker #2	4730	-3450
Nahanni (Hume)	7630	-6350
Headless	7810	-6530
Funeral	7930	-6650
Bear Rock	8130	-6850
Ronning	9200	-7920
Total Depth	9700	-8420

Samples -

Ten foot samples will be caught from grass root to Total Depth.

Testing -

All significant porosity will be evaluated.

Coring -

If significant hydrocarbons are recovered on a test, a program of coring and testing will be commenced.

Logging -

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

Reports -

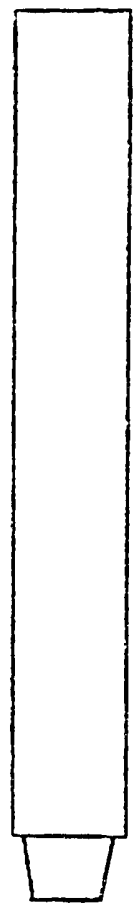
All reports will be sent to Decalta's Calgary office for distribution.

GUTHRIE McLAREN DRILLING LTD.

RECOMMENDED SURFACE HOLE
DRILLING ASSEMBLY

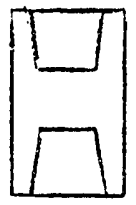
RIG 2

APPENDIX I



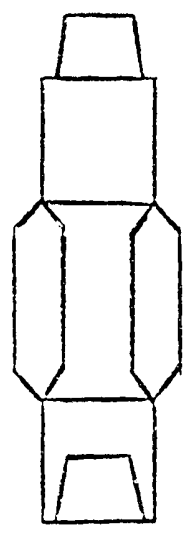
5" H90

5" H90



5" H90

6 5/8" Reg.

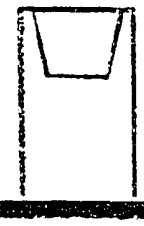


6 5/8" Reg.

6 5/8" Reg.

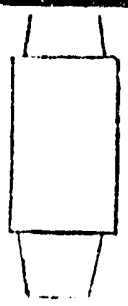
6 5/8" Reg.

5" H90



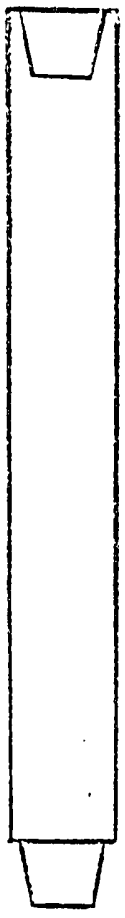
5" H90

1 of



6 5/8" Reg.

5" H90

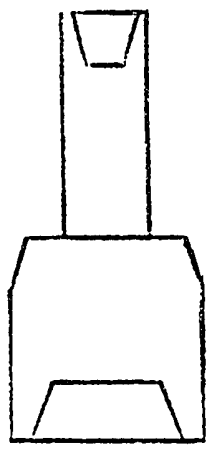


5" H90

5" H90

5" H90

$4\frac{1}{2}$" H90



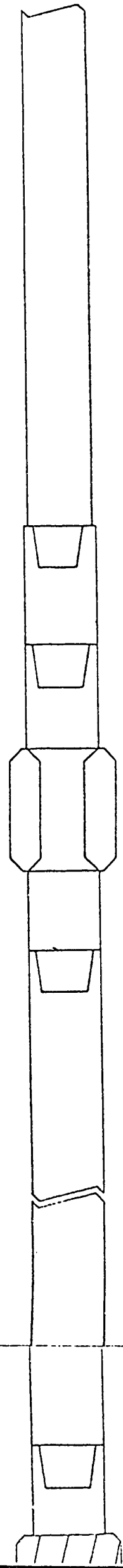
$4\frac{1}{2}$" H90

6 5/8"

2 OF 2

RECOMMENDED PACKED HOLE DRILLING ASSEMBLY

APPENDIX II



6¼" Drill collars

6½" HSO

Cross over sub

5" HSO

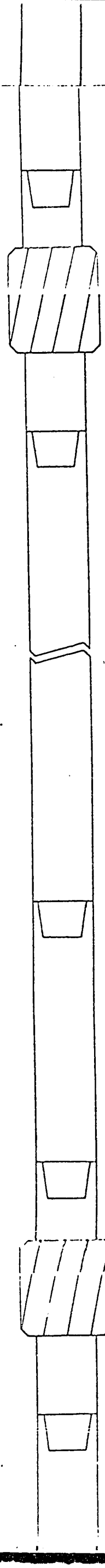
8¾" Urethane stabilizer

5" HSO

7" Drill collar

5" HSO

1 of



5" H90

8¼" EZY-CHANGE stabilizer

5" H90

7" Drill collar

5" H90

Shock sub placement if required

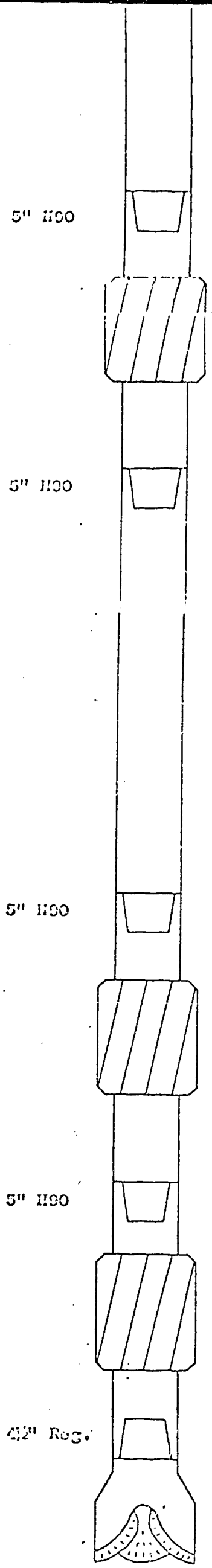
5" H90

8¼" EZY-CHANGE stabilizer

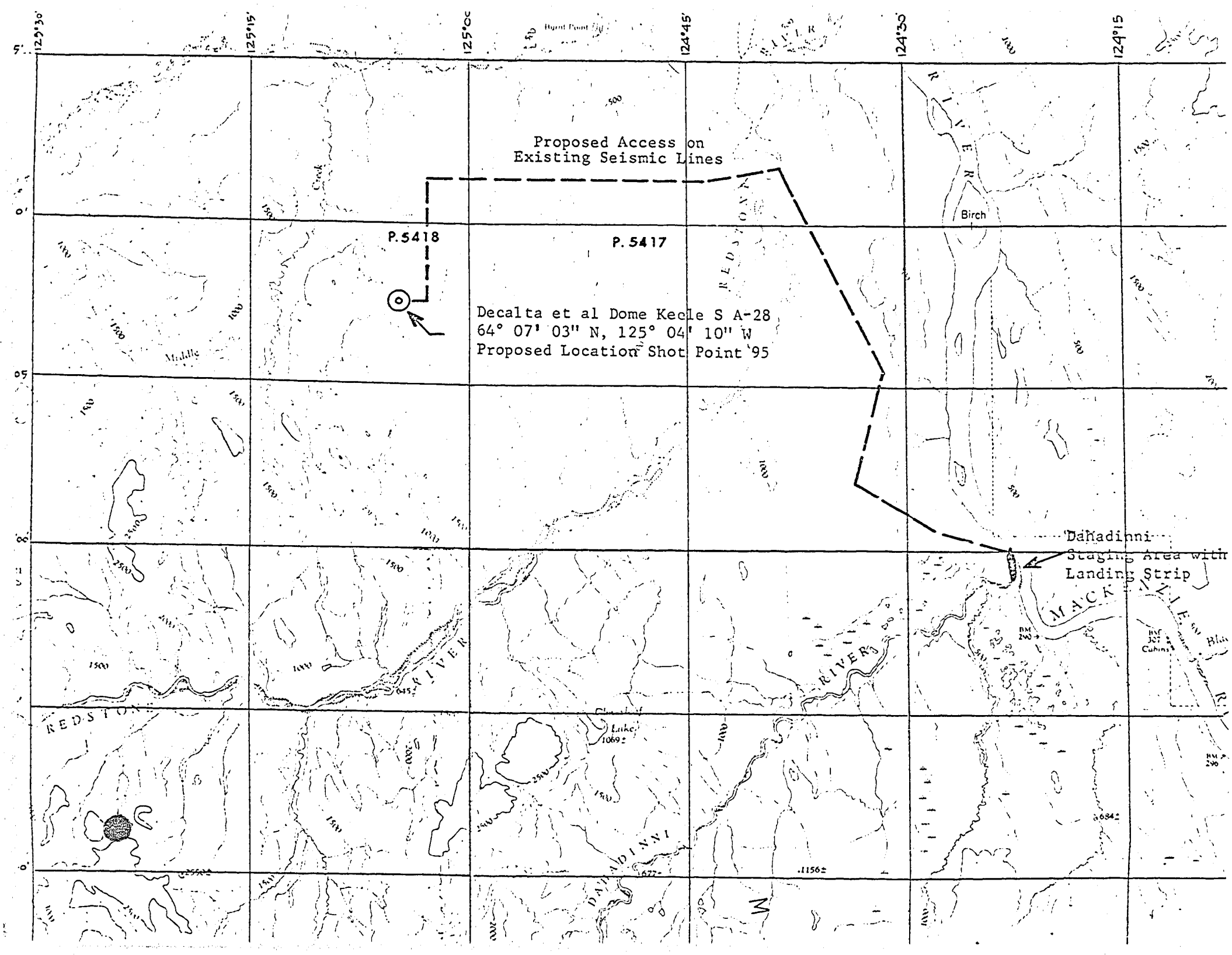
5" H90

2 of

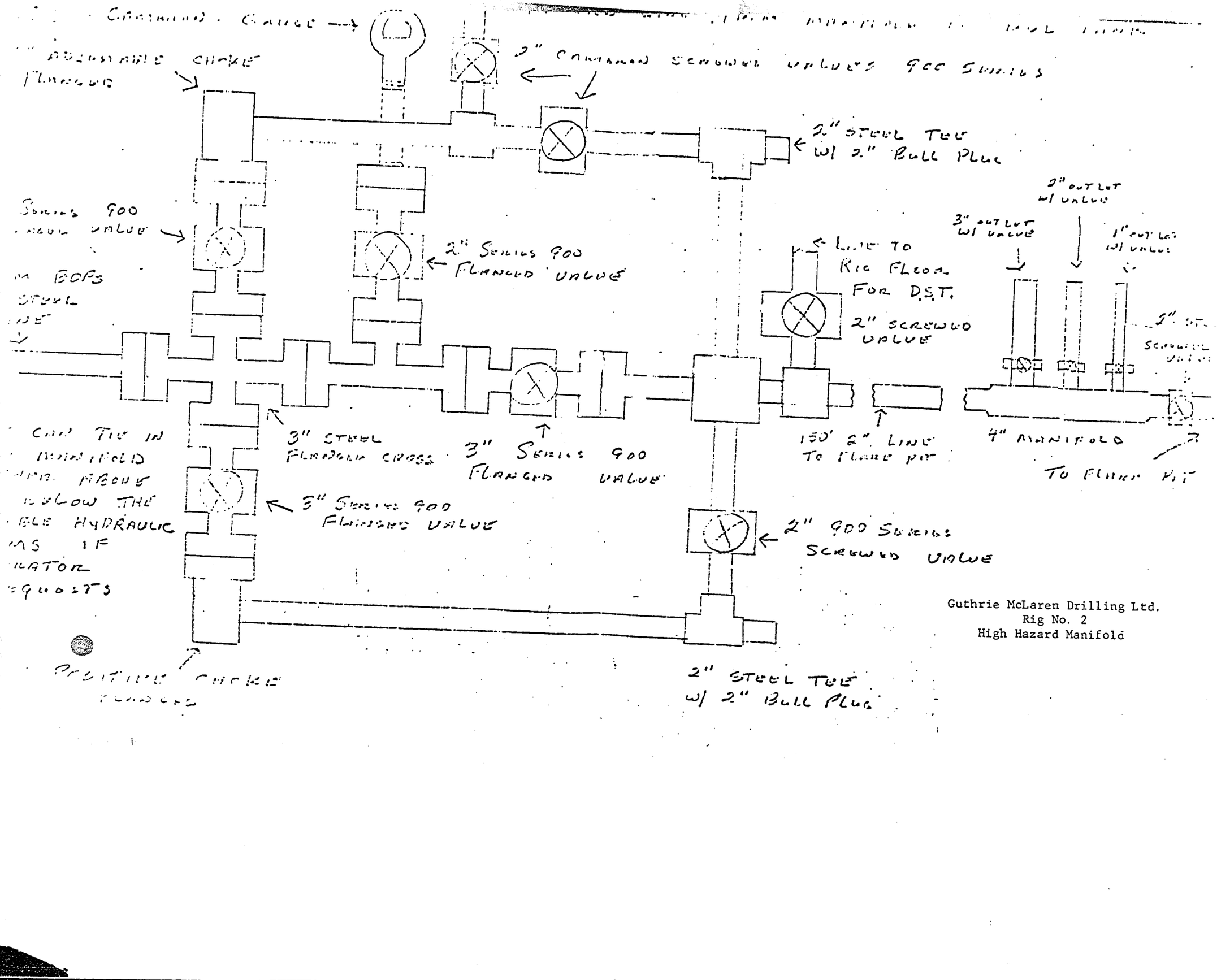
Shock sub placement if required



UNITED
DIRECTIONAL
DRILLING LTD.


Proposed Access on
Existing Seismic Lines
P.5418
P.5417
Decalta et al Dome Keele S A-28
64° 07' 03" N, 125° 04' 10" W
Proposed Location Shot Point '95
Dahadinni
Staging Area with
Landing Strip
MACKENZIE
REDSTONE
RIVER
DAHADINNI
Birch
Creek
Hyland Point
Lake
1069±
1156±
677±
684±

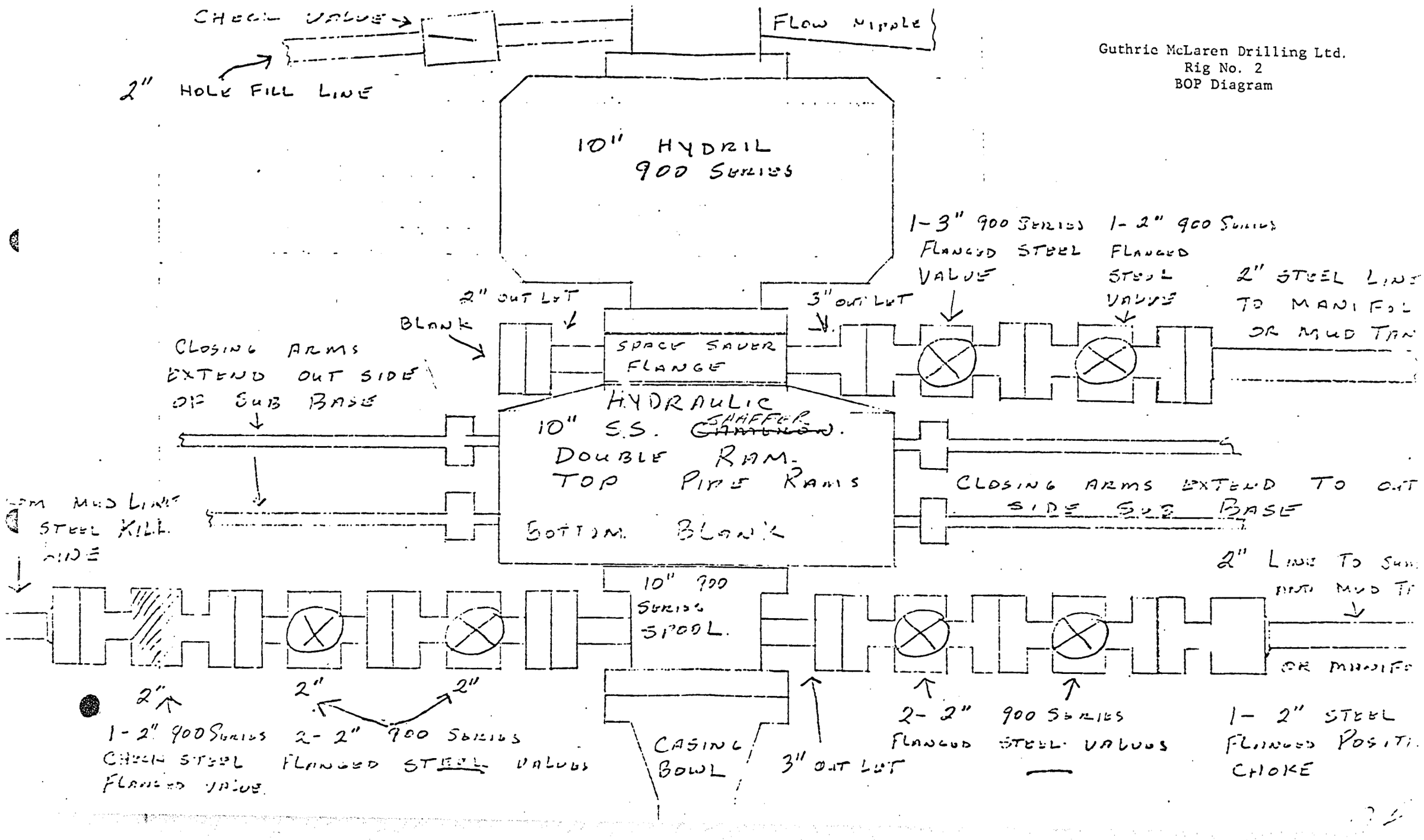
POOR COPY



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

POOR COPY

Guthrie McLaren Drilling Ltd.
Rig No. 2
BOP Diagram



WELL HISTORY REPORT
on
DECALTA et al DOME KEELE S A-28
NORTHWEST TERRITORIES
19-11-5-29

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

WELL HISTORY REPORT

on

DECALTA et al DOME KEELE S A-28

64° 07' 03" N 125° 04' 10" W

NORTHWEST TERRITORIES

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JUN 26 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

PROFESSIONAL ENGINEER ALBERTA
John K. Ontko

Submitted by

John K. Ontko
Professional Geologist

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- (b) MUD RECORD
- (c) DAILY PROGRESS REPORT
- (d) DEVIATION RECORD
- (e) DRILL STEM RESULTS
- (f) ABANDONMENT PLUGS

LITHOLOGIC LOG

GEOLOGIC ABSTRACT

Decalta et al Dome Keele S A-28 was drilled on an indicated seismic anomaly to a depth of 10,500'. The oldest geologic formation penetrated was thc Bear Rock Formation of Devonian age.

Structurally the shallow Cretaceous Little Bear Formation was contacted 360' higher than forecasted, the Devonian markers, however, were lower than predicted with the deepest formation the Bear Rock 1520' low.

The best reservoir rocks present were the numerous thick sandstone beds of the Little Bear Formation which had good to excellent porosity but were wet. The only other primary porosity was in the Bear Rock where occasional very thin,fine,crystalline dolomite stringers in the cyclic evaporitic sequence exhibited traces of fair to good pinpoint and intercrystalline porosity. Generally the carbonate section is a product of a low energy environment and is not considered a locale for potential reservoirs.

A fractured zone infilled with porous crystalline white calcite was present in the interval 9540-80'. This zone was tested and indicated the absence of permeability.

A total of 10 drill stem tests were run and one 28' core cut. All had negative results.

It is the author's opinion that preference be given to stratigraphic prospects rather than structural in future exploration dilling.

Numerous drilling difficulties, particularly with sloughing shales, were experienced during the 1970-71 winter project. It is important that considerable attention be given to resolving these problems in order that lower costs be achieved.

SUMMARY OF PERTINENT WELL DATA

NAME OF WELL:	Decalta et al Dome Keele S A-28
LOCATION:	Unit A Section 28 Grid 64-10; 125-00 Latitude 64° 07' 03" N Longitude 125° 04' 10" W Shot Point 95 Line W.D. 12
PERMITTEE:	Dome Petroleum Limited - Permit No. 5418
EXPLORATORY LICENSE No.:	1934
OPERATOR:	Western Decalta Petroleum Ltd. 630 - 6th Avenue S.W. Calgary 1, Alberta
DRILLING CONTRACTOR:	Guthrie McLaren Drilling Ltd., Rig #2
DRILLING AUTHORITY:	#570 Issued - January 12, 1972
CLASSIFICATION:	New Field Wildcat
ELEVATION:	1266' Ground 1280' K.B.
SPUDDED:	8:00 p.m., February 9, 1972
DRILLING COMPLETED:	7:00 a.m., May 11, 1972
TOTAL DEPTH:	10,500' - Driller
WELL STATUS:	Dry and Abandoned
RIG RELEASED:	8:00 a.m., May 20, 1972
HOLE SIZES:	12 1/4" 0 - 1020 8 3/4" 1020 - T.D.
CASING:	32 jts. 9-5/8" 36# J-55 Jap 1027' - Cemented w/375 sax const. + 2% $CaCl_2$. Landed @ 1020' K.B. Plug down 11:00 a.m. - February 13th. No returns. Cemented from top with 125 sax cement.
NO. of DST'S:	11
NO. of CORES:	9710-9738 - Rec. 28'
LOGS:	Schlumberger DIL, BHCSG, Vari-density, CNL, Dipmeter

Summary of Well Data (Cont'd)

TOOLPUSHERS:	O. Clark, B. Briscoe*, W. Miller* (* Temporary)
WELLSITE SUPERVISOR:	J. Ontko - February 15 - May 14 P. Harman - April 22 - May 20
HEADQUARTER SUPERVISION:	A. Patterson T. Tyler (Engineering)
DISTRIBUTION OF DATA:	Well cuttings (1 bag) Institute of Pet. & Sed. Geology - Calgary Well cuttings (bottles) Decalta (1) Dome (1) Schlumberger logs (field) Decalta (original) Schlumberger Lithology log (original & prints) Decalta Geolograph - 1 Decalta & 1 Guthrie McLaren Well Reports - Decalta (all) for distribution Cores - Decalta

SUMMARY OF SUB-SURFACE DATA

K.B. 1280

FORMATION	Drilling Depth	E-log Depth	Elevation
Perma Frost	20		
Little Bear Sands	1470	1485	- 205
Slater River	252	2520	-1240
Sans Sault	3570	3520	-2240
Imperial	3866	3870	-2590
Imperial Marker #1	4750	4764	-3484
Imperial Marker #2	5395	5397	-4117
Canol		7395	-6115
Hare Indian	8165	8160	-6880
Hume	8460	8462	-7182
Headless		8900	-7620
Bear Rock		9650	-8370
T.D.	10500	10500	

CORE DESCRIPTION

Core No. 1 - 9710-9738' - Rec. 28' 0"

Core Times - 19, 16, 16, 16, 9, 9, 11, 11, 10, 10, 9, 12, 13, 12
23, 20, 20, 20, 16, 18, 24, 19, 14, 13, 19, 21, 42, 35

4'	2"	Anhydrite - dark brownish grey, massive, microcrystalline with occasional very thin irregular dark grey shale beds. (Outside of core turned light yellowish grey on exposure).
3'	4"	Dolomite - dark grey to black, slightly argillaceous, generally massive, with upper 11" exhibiting thin beds by color tone, one micro fracture present in this zone, microcrystalline - tight.
0'	3"	Anhydrite & Dolomite - as above, a thin irregular bedded band.
4'	8"	Dolomite - dark grey to black, microcrystalline, argillaceous, anhydritic, dense, massive.
0'	11"	Dolomite - dark brownish grey, very anhydritic, cryptocrystalline, mixed with blebs, streaks of dark grey argillaceous dolomite.
1'	0"	Shale - black, massive, dolomitic, upper contact irregular, lower transitional.
1'	0"	Dolomite - dark brown grey, very anhydritic, cryptocrystalline, intermixed with dark grey argillaceous dolomite giving this section a fragmental appearance.
7'	1"	Anhydrite - dark brownish grey, microcrystalline, massive, weathers light yellowish grey on exposure, contains numerous thin interbeds of dark grey cryptocrystalline dolomite.
1'	2"	Anhydrite & Dolomite - This section is a fragmental zone, with rounded flat anhydrite fragments up to 3/4 inch oriented along bedding - in a dark grey matrix of argillaceous microcrystalline dolomite.
3'	4"	Dolomite - dark grey, massive, argillaceous, cryptocrystalline. The bottom 4" contains a fracture 1/2" wide infilled with hard dark grey argillaceous dolomite plug.
1'	1"	Dolomite - dark grey, massive, cryptocrystalline, very anhydritic, giving a speckled appearance on a fresh face.
28'		Total

SAMPLE DESCRIPTIONS

K.B. 1280' Samples lagged from 1530' to T.D.

10 - 70	Drift - predominantly light brownish grey, sandy clay, containing numerous various rock type grains and pebbles. These rock types are primarily sedimentary in origin.
80 - 550	Shale - light grey, soft, when wet becomes plastic "mud pie type". In part there is dark grey, competent, blocky shale.
560 - 610	Shale & Sandstone - shale is grey, blocky, sandy in part, grading to a grey, argillaceous, friable sandstone, containing fragment inclusions of numerous other rock types - sandstones, quartzites, vari-chert, pyrite, occasional granite chip etc. There is much loose sand when washing sample. The vari-colored chert pebbles are usually rounded. Occasional trace of coal.
620	Shale & Sandstone - as above with occasional fragment of light yellow stained, fine to medium grained, sub-angular to sub-rounded, poorly sorted, well packed and hard quartzose sandstone.
630 - 770	Sandstone - grey, argillaceous, friable, very fine to medium grained, poorly sorted, predominantly quartz with numerous black carbonaceous grains and fragments giving it a salt and pepper appearance. Contains numerous inclusion of fragments and coarse grains of various rock types as above.
780 - 820	Sandstone - as above, with shale more common and sandstone in part more argillaceous, grading to shale.
820 - 830	Sandstone - as above, with light grey bentonite common.
840 - 880	Shale - as above, very sandy in part, with sandstone common. Various rock-type fragment inclusions remain present.
890	Sandstone - light grey, very argillaceous and friable, salt and pepper appearance, carbonaceous, poorly sorted, sub-angular, contains white, opaque, fine, chert grains. Shale minor. Various rock type fragments present in very minor numbers to a trace. Pyrite is more obvious.
900	Sandstone - as above, with increase in shale. Vari-colored sub-rounded to rounded chert pebbles obvious.
920 - 980	Sandstone - as above, rock fragments and coarse grain inclusions common. Pyrite is obvious. Minute coal chips, grain size, are abundant.
990	Sandstone - as above, with shale abundant.

1000	Sandstone - no shale, sandstone as above, argillaceous, friable, etc.
1010 - 1020	Samples missing.
	<u>Surface Casing set at 1020'</u>
1030 - 1050	Sandstone - as above, loose friable sand with vari-rock type fragment and pebble inclusions.
1050	Sandstone - with minor shale present.
1060	Sandstone - with trace of grey-green dull shale.
1070	Sandstone - grading to grey, blocky, silty to sandy shale.
1080 - 1100	Shale - medium grey, blocky, silty to sandy, construction cement cavings common.
1110	Shale - as above, medium grey, blocky, silty.
1120	Sandstone - grey, fine to coarse grained, sub-rounded, poorly sorted, very dirty, argillaceous, friable, predominantly quartz with minor chert grains. Shale common. Trace of pyrite.
1130	Sandstone - as above, with shale abundant.
1150	Shale - medium grey, slightly silty, with above dirty friable sandstone common.
1170	Shale - medium grey, blocky. Trace pyrite, green shale. The odd chert pebble (caving?).
1180 - 1190	Shale - light grey, soft, "mud-pie type". Occasional rounded chert or quartz pebble.
1200 - 1210	Shale - as above with chert and quartz pebble enclosures. Pyrite is obvious.
1220	Shale - as above, becoming silty to sandy in part. Pyrite remains common. The chert and quartz pebbles are <u>no</u> longer present.
1240 - 1370	Shale - as above, very "mud-pie type" when wet. Only very occasional pyrite fragment.
1380 - 1460	Shale - becoming in part dark grey, blocky to fissile, easier to wash.
1470	Shale - with minor amount of pale green shale and light grey waxy shale. The occasional rounded chert pebble is present. Few chips of grey, angular, fine to coarse grained, friable, poorly sorted sandstone in an argillaceous matrix, sand grains are clear to translucent to smoky quartz, black chert and coal fragments.

1480	Sandstone - grey, fine to coarse grained, poorly sorted, friable, in part has argillaceous matrix. Other portion has good to excellent porosity. Sandstone consists of quartz clear to dull grey to white to smoky with abundant black chert and carbonaceous grains. No stain. Occasional rounded vari-colored chert pebble present. Trace of pale green shale as above to light grey soft shale most abundant.
1490	Sandstone - as above, predominantly fine to medium grained in size, poorly sorted, good to excellent porosity. Considerable iron (rust) staining. Vari-colored rounded chert pebbles remain present. Trace of brown, rusty, indurated, silty shale.
1500	Sandstone - as above with numerous sandstone fragment infilled with argillaceous matrix (small portion). Porosity fair to excellent. No stain. Not iron stained as above.
1510	Sandstone - as above, minor portion has argillaceous matrix. Porosity fair to good. Few chips are oil stained, also a few chips show definite iron stain.
1520	Sandstone - as above, sandstone is becoming more argillaceous matrix infilled. Remains very friable. Good porosity. No stain.
1530	Sandstone - light to medium grey, very fine to medium grained, poor to fair sorting, angular to sub-rounded with the larger grain exhibiting more roundness, consolidate with siliceous matrix, trace of poor porosity. There is abundant (50%) light brown, ferruginous, hard, silty to sandy shale grading in part to ferruginous matrix sandstone which is tight, being well cemented. Vari-colored, angular and rounded chert pebbles common.
1540 - 1550	Sandstone - light brown, ferruginous, argillaceous matrix containing very fine to fine grained, angular, salt and peppered sandstone. Matrix approximately 30-40% of volume. Sandstone very tight. Minor amount of hard, light brown, ferruginous shale. Trace of pyrite and chert pebbles. Light grey, argillaceous, fine grained similar type sandstone common.
1560	Sandstone - light grey, fine grained, fair sorted, angular to sub-angular, salt and peppered appearance with black grains carbonaceous material. Mineral component quartz varying from primarily clear, to grey to minor white opaque. Little cement no matrix. Porosity poor to good. Light brown ferruginous tight sandstone approximately 40% of sample. Chert and pyrite remain present as trace.
1570	Sandstone - as above, porosity becoming patchy and grading to poor. Decrease in ferruginous matrixed sandstone. Trace of light green shale. Chert pebbles common.
1580 - 1590	Sandstone - light grey, very fine to fine grained, fair sorting, angular to sub-angular, predominantly quartzitic with minor amount of black carbonaceous grains, argillaceous matrix. Tight with occasional trace of poor intergranular porosity. Chert pebbles present. Ferruginous sandstone of above minor in amount. The black specks may be bitumin rather than carbonaceous material.

1600 - 1620	Sandstone - as above, grading slight coarser texture to primarily fine grained with increase in patchy, poor to fair intergranular porosity. The occasional chip has a light brown stain which may be oil rather than ferruginous. The latter continues to be present. Chert pebbles remain.
1630	Sandstone - as above - the sandstone has occasional rose quartz and glauconitic grain.
1640	Sandstone - as above, sandstone is definitely carbonaceous as fragments of coal present. Angular vari-colored chert common. The sandstone is grading to finer texture and porosity has decreased to a trace and is poor in quality.
1650 - 1670	Sandstone - as above, with very minor amount of white, fine grained, sub-angular, good porosity, quartzose sandstone consisting of primarily clear quartz with occasional carbonaceous grain and partial white kaolinitic matrix. Chert remains present. Trace coal, white chert and green waxy shale.
1680 - 1700	Sandstone - increase in quartzose porous sandstone content 25%. The carbonaceous sandstone is grading to medium-coarse size in part with excellent porosity. No stain. Coal common.
1710	Shale - becoming tight argillaceous. Shale common. Pyrite numerous. Chert remains obvious.
1720	Shale - grey, blocky, slightly silty. Pyrite common.
1730 - 1740	Sandstone - grey, very fine to medium grained, poorly sorted, carbonaceous, argillaceous, odd glauconite grain. Tight, with trace of coarse grained, angular, salt and peppered, very porous sandstone. Pyrite common. Chert remains.
1750 - 1760	Sandstone - as above, becoming generally finer textured and more argillaceous. Fewer porous chips. Shale present but very minor to a trace.
1770	Sandstone - as above, becoming increasingly more argillaceous and tight. Pyrite remains obvious. Trace brown ironstone.
1780	Sandstone - as above, with considerable brown ironstone.
1790	Sandstone - as above, grading to fine grained. Ironstone, pyrite, chert remain common.
1810	Sandstone - as above, with trace of maroon shale.
1820	Shale - light grey, blocky, silty. No chert.
1830	Sandstone - grey, very fine to fine grained, fair sorting, salt and peppered, carbonaceous, argillaceous, tight. Trace purple, indurated ironstone.
1840	Sandstone - with dark grey to black carbonaceous shale common.

1850	Sandstone - medium grey, very fine to fine grained, very argillaceous, tight.
1860	Sandstone - light grey, fine to medium grained, fair sorting, salt and pepper with the black grains minor in amount and generally smaller sized. Mineral is predominantly clear quartz with some grey and trace of smoky quartz. Minor white kaolinite cement. Quartz grains are sub-angular to sub-rouned, the black grains (bitumen?) are more angular. Porosity is patchy, poor to fair intergranular.
1880 - 1900	Sandstone - as above, grading to predominantly fine grained.
1910	Sandstone - becoming finer textured, argillaceous, tight with minor grey, blocky shale.
1920	Sandstone and Shale - as above.
1930	Shale - grey, blocky.
1940	Shale - as above, with minor light grey, argillaceous, salt and pepper sandstone and light grey, argillaceous siltstone.
1950	Shale - as above, silty in part, with abundant light grey, argillaceous, salt and pepper, tight, very fine grained sandstone grading to siltstone.
1970	Shale and Sandstone - sandstone is light grey, salt and pepper, fine to medium grained in part, carbonaceous. Tight.
1980	Sandstone - as above, carbonaceous, in part brown stained with trace brown iron stained shale.
1990	Sandstone - with abundant dark grey, blocky, silty, slightly micaceous shale.
2010 - 2020	Shale - medium grey, blocky, slightly silty in part with minor amount of light grey, very fine grained, salt and peppered (carbonaceous) sandstone.
2030 - 2040	Sandstone - as above, light grey, very fine grained (siltstone?) slightly salt and pepper, Tight.
2050 - 2060	Sandstone - grading to an argillaceous siltstone in part.
2070 - 2080	Sandstone and Shale - as above, with abundant medium grey, silty, blocky shale 50-50.
2090	Sandstone - as above, becoming medium grey, argillaceous. Very fine grained grading to siltstone.
2100 - 2130	Shale - medium grey, blocky, slightly silty in part, with minor amount to trace of siltstone and/or very fine grained sandstone.
2140 - 2150	Shale - as above. Few chips of pale green shale.

2160	Shale - with considerable light grey, slightly salt and pepper siltstone. Trace brown ironstone and pale green shale.
2170	Shale - as above, with increase in amount of brown siltstone to common.
2180 - 2190	Shale - as above with abundant light grey, salt and pepper, very fine to fine grained, carbonaceous, poorly sorted, tight sandstone. Trace of brown ironstone, with occasional pale green shale chip.
2200	Sandstone - grey, fine to …edium grained, angular to sub-rounded, poorly sorted, salt and pepper, friable, slightly argillaceous. Tight.
2210	Sandstone - as above, spotty iron stain. Trace of brown, sandy ironstone. Trace of poor intergranular porosity.
2230	Shale - grey, blocky.
2240	Shale - in part grading to siltstone, minor amount of brown silty shale.
2250	Shale - increase to common of brown, silty shale.
2260	Shale - grey, blocky, silty.
2270	Shale - with considerable light grey, slightly black flecked siltstone.
2280 - 2330	Shale - medium grey, blocky, with decrease in siltstone from minor amount to trace.
2340	Shale - as above, with siltstone approximately 40%.
2350 - 2430	Shale - as before with minor siltstone.
2440	Siltstone - grey, massive, argillaceous.
2450 - 2470	Shale - as before, silty in part with minor amount of siltstone. Trace of brown ironstone.
2480	Shale - as above, with trace of siltstone.
2500	Shale - trace pyrite.
2510 - 2520	Shale - increase in siltstone grading in part to very fine grained sandstone to minor amount.
2530	Shale - decrease to trace of siltstone and sandstone, occasional pale green shale chip present.
2550	Shale - increase to minor in siltstone and sandstone.
2560	Siltstone - grey to dark grey, argillaceous, grading in part to very fine grained sandstone.

2570	Siltstone - with abundant medium grey, blocky shale. Trace of bentonite.
2580	Shale - medium grey, blocky, silty in part with minor amount of above siltstone and sandstone. Trace brown shale.
2590	Shale - as above, with considerable sandstone and siltstone (40%).
2600	Shale - medium grey, blocky, slightly micaceous with occasional silty shale and trace of siltstone. This shale section is relatively clean.
2610 - 2640	Shale - as above, with trace of brown shale and occasional pyrite fragment.
2650 - 2740	Shale - as above, shale continues relatively pure.
2750	Shale - as above, with trace of black carbonaceous shale.
2760 - 2770	Shale - as above, medium grey, blocky, slightly micromicaceous.
2780 - 2790	Shale - as above, with minor amount to a trace of light grey, argillaceous siltstone which is carbonaceous in part and occasionally contains floating, various sized, sub-rounded, sand grains.
2800 - 2910	Sandstone & Shale - shale is medium grey to dark grey, blocky, silty and carbonaceous in part. Abundant light to medium grey, argillaceous, carbonaceous, fine to silt sized sandstone, poorly sorted, occasional large sized, grading to coarse sized, floating grains. Brown ironstone is common. Pyrite is a trace. The sandstone portion is greater than 50% of sample. Occasional chip of light green shale is present. (A definite non-marine environment.)
2920 - 3000	Shale & Sandstone - as above, with a decrease in carbonaceous content. Sandstone is also the sub-ordinate rock-type consisting usually less than 50% of sample, a decrease in grain size grading to silt is also noticeable.
3010 - 3020	Shale & Sandstone - as above, a non-massive mixture of shale and sandstone. The shale is more black, silty and carbonaceous than above. The sandstone is fine grained to silt sized. Traces of pyrite and light green shale remain.
3080	Shale & Sandstone - as above with few chips of coal.
3090 - 3150	Shale & Sandstone - as above, sandstone fair sorted, very fine to fine grained. Less carbonaceous than shale as above. Trace of rust (iron) stain.
3160	Shale & Sandstone - as above.

3180	Shale - dark grey, fissile to blocky with minor amount of light grey, argillaceous, fine grained, fair sorted, slightly carbonaceous, salt and pepper sandstone as above.
3200 - 3220	Shale - as above. Sandstone grading to siltstone, very minor in amount.
3230 - 3260	Shale - medium to dark grey to dark brownish black, carbonaceous, (bituminous?), fissile to blocky in part. Occasional trace of pale green shale, pyrite, argillaceous siltstone.
3270	Shale - as above, with trace of light grey marl, in part micaceous.
3280	Shale - with few chips of buff limestone and clear calcite.
3290	Shale - as above, in part bluish grey, micromicaceous or carbonaceous? shale.
3310	Shale - as above, with considerable bituminous shale. Fossiliferous. Note: one well preserved fossil (ammonite appearance) in Decalta's sample.
3320	Shale - as above, with considerable black bituminous shale.
3340	Shale - as above. Occasional chip of grey, dense limestone present; probably fracture or fossil infill.
3360	Shale - as above, shale, dark grey to black bituminous with steel grey (bluish) micromicaceous (carbonaceous?) shale common. Habit primarily fissile.
3390	Shale - slightly bluish, dark grey, micaceous shale abundant.
3400	Shale - the bluish grey, micaceous shale becoming minor in amount as before.
3430	Shale - considerable dark grey to black, carbonaceous shale.
3440 - 3560	Shale - as above since 3230, with occasional pyrite fragment.
3570 - 3580	Shale - medium to dark grey to black, in part brownish, silty, fissile to blocky with minor amount of grey, argillaceous, carbonaceous siltstone. Trace brown ironstone.
3590 - 3610	Shale - as above, with abundant black, carbonaceous shale.
3620	Shale - with increase siltstone.
3630 - 3780	Shale - as above, non-marine shale with considerable light-grey, carbonaceous, fine grained, sub-angular, very fine to fine grained, poor to fair sorting, salt and peppered, micaceous, white, kaolinitic matrixed sandstone. Occasionally sandstone grades to very argillaceous siltstone for thin intervals such as at 3650 and 3690. Trace of pyrite, green shale.

3790 - 3840	Shale - as above, non-marine with decreas in sandstone to trace and siltstone to minor.
3850 - 3860	Shale - medium to dark grey, fissile to blocky with minor amount to trace of light grey marl.
3870	Shale - non-marine, medium grey, dull to abundant black carbonaceous with considerable mixture of white kaolinitic sandstone, marl, light green shale. Trace of light grey-green, hard siltsione (Imperial Fm.)
3880	Siltstone and Shale - siltstone is grey-green, quartzitic, with abundant medium grey, blocky shale.
3890	Siltstone and Shale - as above, with occasional siltstone fragment, reddish stained.
3900	Siltstone and Shale - as above. Siltstone content remains prevalent.
3910	Siltstone and Shale - siltstone occasionally lighter grey in color, and grading to argillaceous. The shale is also in part greenish grey.
3920 - 3940	Shale and Siltstone - as above with decrease in siltstone. Shale is prevalent approximately 70-30.
3950 - 3970	Shale and Siltstone - siltstone shale 50-50.
3980 - 4060	Shale - slightly greenish, medium grey and dark grey, fissile to minor blocky with trace of greenish grey siltstone. The medium grey is a "battleship grey" color when wet. It is also often micromicaceous. Occasional trace of fossils.
4070	Shale - as above, with minor amount of brownish, dark grey and increase in dark grey to black shale.
4080 - 4110	Shale - as above, predominantly greenish, medium grey, fissile, in part micromicaceous shale. "Battleship grey" type. Occasional fossil present.
4120 - 4140	Shale - as above. Increase in siltstone to minor amount and the dark grey to black, slightly brownish, blocky shale to common.
4150 - 4180	Shale - as above with decrease in siltstone to a trace.
4190	Shale - as above with greenish grey siltstone grading in part to a very fine grained sandstone is common. Contains occasional black bitumen specks.
4200	Shale - as above. Trace maroon colored siltstone.
4210	Shale - as above, predominantly medium "battleship grey" fissile with abundant blocky, dark grey, black and brownish shale. Trace of greenish grey siltstone.

4230	Shale - as above, trace of reddish,very fine grained sandstone.
4240	Shale - as above, increase in reddish brown, silty, sandy shale.
4250	Shale - as above, with trace siltstone.
4260 - 4320	Shale - as above, with trace to occasional chip of reddish, fine grained sandstone and/or silty shale.
4330	Sample missing.
4340 - 4350	Shale - as above, with slight increase in siltstone content.
4360	Shale - as above, siltstone a trace.
4370	Shale - as above, with abundant black (bituminous?) shale.
4380	Shale - as above, the occasional sandstone chip has black bituminous grains.
4390 - 4490	Shale - decrease in black shale content ranging from minor to a trace. Occasional reddish chip of siltstone or sandstone remains present.
4500 - 4560	Shale - as above, slight increase in green-grey siltstone, ranges to 20%. One black rounded chert pebble at 4500. Black shale has become common. No reddish rock present.
4570 - 4660	Shale - decrease in siltstone to minor. Occasional red colored chip of shale and/or sandstone siltstone.
4670 - 4690	Shale - as above, however splintery shale habit noticed over shaker as well as in samples.
4700	Shale - as above, slight increase in siltstone to minor in amount.
4710	Shale - one well preserved fossil (Decalta's sample). Trace of light grey,hard, quartzitic, very fine grained sandstone.
4720 - 4740	Shale - as above with trace of greenish grey siltstone.
4750	Shale - as above. Trace of light grey quartzose siltstone grading to very fine grained sandstone.
4760 - 4770	Shale - with light grey to greenish grey siltstone common. The siltstone has often numerous black (bitumen) specks.
4780	Siltstone - light to medium grey, argillaceous, in part greenish grey, hard.
4790	Shale - as above, with minor siltstone.
4800 - 4810	Shale - with siltstone abundant.

4820	Shale - decrease in siltstone from minor to a trace.
4830 - 4880	Shale - as above, predominantly dark grey, blocky, slightly fossiliferous, with varying amounts of medium grey and slightly greenish grey, splintery shale. Siltstone often argillaceous as a trace.
4890	Shale - with slight increase in siltstone. Less than 20%.
4900 - 4940	Shale - as above. Siltstone - a trace to less than 15%.
4950 - 4960	Siltstone - light grey, slightly argillaceous and micaceous with disseminated, very minute black streaks.
4970	Siltstone - with considerable shale.
4980	Shale - as before with argillaceous siltstone abundant.
4990 - 5000	Shale - as above, decrease in siltstone to minor.
5010 - 5120	Shale - further decrease in siltstone to a trace, occasionally increasing to approximately 15%.
5130	Shale - with minor amount of light grey, very fine grained sandstone.
5140	Shale - light grey, slightly argillaceous siltstone, abundant 40%.
5150	Shale - as above, decrease in siltstone to less than 20%.
5160	Shale - further decrease in siltstone to a trace.
5170	Shale - increase in siltstone to approximately 25% with a portion of it showing stain (iron). Few chips of black, dead, heavy oil stained sandstone.
5180	Shale - light grey, black flecked and micaceous siltstone (abundant (50%)
5190	Shale - as above, the above siltstone is becoming argillaceous in part.
5200	Shale - as above, with trace of greenish grey siltstone.
5210	Siltstone - as above,with above shale common.
5220 - 5230	Shale - medium grey, blocky, slightly silty grading in part to darker and lighter grey with trace of greenish grey. Habit is fissile to trace of splintery shale. Siltstone is common.
5240 - 5260	Shale - as above, with siltstone minor to a trace.
5270	Shale - as above, with dark grey shale more abundant.

5280	Shale - argillaceous siltstone approximately 40%.
5290 - 5300	Shale - decrease in siltstone to a trace.
5310 - 5350	Shale - as above, with trace of greenish grey siltstone.
5360	Shale - as above, with trace of light grey, very fine crystalline limestone with numerous coarse, rounded, black grain inclusions plus larger black sub-rounded fragments. One chip of reddish, fine grained, sub-rounded, well sorted, red quartz and few black chert grains, sandstone.
5370 - 5380	Shale - as above, with trace greenish grey siltstone, occasional chip of above black grained (fossils?) limestone.
5390	Shale - as above, with few chips of hard, brown, cryptocrystalline limestone.
5400-5420	Limestone - buff to white, soft, chalky to microcrystalline, with abundant hard, brown, cryptocrystalline, slightly argillaceous limestone. Trace of calcite suggests fossil vug infill. (Grainstone with sparry calcite cement). No porosity. Fossiliferous.
5430	Limestone - as above, becoming finer textured and more argillaceous.
5440	Limestone - becoming more of the hard, dark brown, cryptocrystalline, argillaceous limestone. Very argillaceous in part grading to a limy shale.
5450	Limestone - as above, predominantly dark brown, argillaceous, cryptocrystalline, slightly fossiliferous, grading to buff, chalky in part.
5460	Limestone - becoming more argillaceous, grading to a limy shale.
5470	Shale - dark grey, fissile to blocky, slightly calcareous, with minor amount of greenish, dark grey, fissile, non-calcareous shale. Small amount of above limestone is present.
5480 - 5490	Shale - as above.
5500	Limestone - predominantly dark brown, argillaceous, cryptocrystalline, fossiliferous, with minor amount of buff, chalky to finely crystalline, fragmental, fossiliferous limestone. Trace of micro fractures infilled with calcite.
5510	Limestone - as above, with the dark brown limestone grading to micro and very fine crystalline textured, slight increase in amount of buff colored limestone.

5520 - 5530	Shale - medium to dark grey, blocky to fissile, micromicaceous in part; minor amount of above limestone.
5540	Siltstone - greenish grey to light grey, argillaceous and micaceous in part.
5550	Shale - medium to dark grey, fissile to blocky, micromicaceous in part as above.
5560	Shale - as above, with abundant grey to greenish grey, argillaceous siltstone.
5570	Siltstone - grey to greenish grey, in part very micaceous. Few chips are red specked (rose quartz?). Occasional black bituminous partings are present.
5580 - 5590	Siltstone - as above, with increase in the light grey colored siltstone with scattered minute black specks, and slightly micromicaceous.
5600	Siltstone - as above, with considerable dark grey shale. Trace of light grey, slightly calcareous, reddish specked, very fine grained, poorly sorted, sub-rounded quartzose or sandstone.
5610 - 5620	Siltstone - predominantly greenish grey, micaceous.
5630	Siltstone - as above with considerable light grey, slightly calcareous, very fine grained sandstone with scattered reddish colored grains (rose quartz).
5640	Siltstone - as above, predominantly greenish grey, micaceous siltstone.
5650	Siltstone - with abundant green and red grained (rose quartz) slightly calcareous, angular to rounded, fair sorted, very fine to fine grained sandstone.
5660	Siltstone - greenish grey, micaceous, with abundant dark grey, blocky shale.
5670 - 5680	Siltstone - siltstone grading to very fine grained sandstone in part. Decrease in shale content to minor. Trace of red grained, very fine grained, calcareous sandstone.
5690 - 5710	Siltstone - as above, grading to very fine grained sandstone with slight increase in the light grey, calcareous, fossiliferous, red specked, very fine grained sandstone.
5720	Siltstone - as above, greenish grey, grading in part to very fine grained sandstone with minor amount of dark grey,blocky shale.
5730	Siltstone - with trace of rose quartz grained sandstone.

5740	Siltstone - becoming medium grey argillaceous with increase in shale. Occasional chip of brown cryptocrystalline limestone present in the above and below section.
5750	Shale - dark grey, blocky with above siltstone common.
5760 - 5780	Siltstone - greenish grey, argillaceous, slightly micaceous in part with dark grey shale common to abundant.
5790 - 5820	Siltstone - as above, decrease in shale content to very minor and siltstone less argillaceous.
5830	Siltstone - grading in part to a very fine grained sandstone which appears oil stained? No porosity.
5840	Siltstone - with minor amount of brown (oil stained?) siltstone.
5850	Siltstone - as above, greenish grey siltstone, in part argillaceous with minor amount of dark grey, blocky shale.
5860 - 5870	Siltstone - becoming more argillaceous with considerable brown (ferruginous stained) siltstone and shale.
5880 - 5900	Siltstone - light grey to greenish grey, argillaceous in part and slightly micromicaceous.
5910	Siltstone - as above, with increase in shale to considerable (30%).
5920 - 5940	Siltstone - becoming slightly darker in color and more argillaceous. Shale common to considerable.
5950 - 5960	Shale - dark grey, blocky to medium grey, silty with grey, argillaceous siltstone common.
5970 - 5980	Shale - grading to an argillaceous siltstone.
5990 - 6000	Siltstone - light grey to greenish grey, micaceous, in part argillaceous with dark grey blocky shale common.
6010	Siltstone - grading to a very fine grained sandstone. Trace of white, chalky, calcareous matrix, very fine grained sandstone.
6020 - 6030	Siltstone - the chalky matrixed sandstone has become reddish (rust) speckled. Occasional chip of dense grey limestone.
6040	Siltstone - increase in the light grey, slightly calcareous, very fine grained sandstone.
6050	Siltstone - with minor amount of soft chalky, rust flecked, calcareous sandstone.
6060 - 6080	Siltstone - light grey, micromicaceous, argillaceous in part with minor amount of dark grey shale.

6090	Siltstone - becoming more argillaceous with increase in shale to abundant.
6100	Siltstone - less argillaceous with less shale. Siltstone grading to very fine grained sandstone. Trace of black, bitumen specked sandstone. Tight.
6110 - 6120	Siltstone - becoming more argillaceous and micaceous with increase in shale to abundant.
6130	Shale and Siltstone - as above, with minor amount of brown (oil stained?) siltstone.
6140 - 6200	Shale and Siltstone - as above, approximately 1:1. Siltstone is quite argillaceous.
6210 - 6270	Siltstone and Shale - light grey, argillaceous, in part micaceous, with varying amount of shale 20-50%.
6280 - 6320	Siltstone and Shale - as above,with siltstone becoming very argillaceous grading to silty shale in part.
6330	Siltstone and Shale - poor sample - much caving after trip.
6340	Siltstone and Shale - with grey, hard, silicified siltstone common.
6350 - 6360	Shale - dark grey, blocky, silty, with grey argillaceous siltstone abundant.
6370	Shale - as above with increase in siltstone.
6380 - 6420	Siltstone - grey argillaceous with considerable grey to dark grey, blocky, silty shale.
6430 - 6530	Siltstone - becoming more argillaceous, grading in part to a silty shale. Siltstone continues to be slightly to commonly micaceous.
6540 - 6600	Siltstone - grading to primarily a silty, blocky shale, micro-micaceous in part.
6610 - 6620	Siltstone - 6610 and 6620 - poor samples after trip.
6630 - 6640	Shale - dark grey, blocky, silty in part, with above grey siltstone common.
6650 - 6670	Shale - with siltstone abundant to predominant.
6680 - 6690	Shale - as above,with argillaceous siltstone minor in amount.
6700 - 6740	Shale - as above, with trace of greenish grey, calcareous siltstone with brownish, argillaceous, silty shale common grading to very fine grained sandstone in part.

6770 - 6780	Shale - as above, Occasional white calcite chip present.
6790 - 6850	Shale - as above, blocky to fissile, in part silty, medium to dark grey in color as above. Siltstone minor in amount to a trace.
6860 - 6900	Shale - as above, with slight increase in siltstone to common in amount. Less than 40%.
6910 - 6920	Siltstone - grey, massive, slightly micaceous, and slightly calcareous in part.
6930 - 6940	Siltstone - becoming argillaceous with dark grey, blocky shale abundant - approximately 50%.
6950 - 6970	Shale - dark grey, blocky, silty in part with above argillaceous siltstone common.
6980 - 6990	Siltstone - as above, with abundant shale.
7000	Shale - as above, with siltstone common.
7010 - 7040	Shale - as above, with minor amount to a trace of siltstone.
7050 - 7070	Shale - as above, with increase in amount of siltstone to common - less than 20%.
7080 - 7090	Shale - decrease in siltstone to minor to a trace.
7100	Shale - becoming darker grey to black in part.
7110 - 7150	Shale - becoming slightly brownish dark grey, blocky, silty with minor amount of dark grey to black, hard (bituminous?) shale. Light grey and green grey siltstone present in minor to common amount.
7160 - 7170	Shale - as above with increase in light grey siltstone to greater than 30%.
7180	Shale - predominantly siltstone.
7190	Siltstone - light grey, massive, hard with shale common.
7200 - 7210	Siltstone - with increase in shale as above. Few bituminous ? shale chips. Occasional brown, hard ironstone fragments in the 7200 sample.
7220	Siltstone - as above, with shale predominant.
Canol	
7230	Shale - slightly brownish dark grey, silty appearing blocky. Same as above - with varying minor amount of siltstone.

7240 - 7290	Shale - brownish grey, very silty, blocky, slightly micaceous.
7300 - 7340	Shale - as above, slightly brownish dark grey with minor light grey and black shale. Shale becoming less silty with minor amount to trace of siltstone. Occasional fossil imprint noticed.
7350	Shale - as above, with very dark grey to black (bituminous) fissile shale common.
7360	Shale - as above, decrease in bituminous shale to trace. Increase to abundant of siltstone and silty shale.
7370 - 7390	Shale - decrease in siltstone and silty shale to minor, black bituminous shale with occasional pyrite bleb common.
7400	Shale - as above with slight increase in black bituminous shale.
7410 - 7520	Shale - black, bituminous, brittle, fissile to blocky to splintery with medium to dark grey, blocky to fissile, shale present in varying minor to trace amounts. Occasional pyrite present.
7530	Shale - as above with few chips of polished (slickenside?) shale.
7540	Shale - as above.
7550	Shale - as above, with increase in medium grey and dark grey to common.
7560	Shale - decrease in black bituminous shale to less than 50%.
7570	Shale - predominantly medium to dark grey, fissile to blocky, dull black shale common, black bituminous brittle shale is present in minor amount.
7580	Shale - as above,with further decrease in black bituminous shale to less than 10%.
7610 - 7620	Shale - as above, with splintery habit of shale prevalent in 7620.
7630 - 7650	Shale - predominantly dark grey, less splintery shale, increasingly more fissile, with blocky shale just a trace. Black bituminous shale is also a trace.
7660 - 7670	Shale - as above,with dull black shale abundant. Black brittle bituminous shale is obvious but minor
7680	Shale - as above, black, bituminous, brittle, fissile to splintery shale very abundant.
7690 - 7700	Shale - as above, decrease in bituminous shale to common (less than 10%) medium grey, splintery shale abundant.

7710 - 7720	Shale - as above, predominantly dark grey (mottled) fissile to splintery shale. Bituminous shale approximately 10%.
7730	Shale - as above, with increase in bituminous shale to abundant.
7740 - 7770	Shale - black bituminous shale predominates, has more blocky habit than above and has a "coal black" dull lustre.
7780	Shale - slight decrease in bituminous shale. Trace of medium greenish grey shale.
7790 - 7810	Shale - black, brittle, bituminous as above, with minor amount to a trace of lighter grey shale.
7820 - 7830	Shale - as above, fractured with white calcite infill.
7840 - 7990	Shale - as above, black, hard, with varying minor to trace amounts of lighter shale. Occasional trace of pyrite and calcite. Pyrite often very minute and disseminated.
8000 - 8010	Shale - as above, black, hard, brittle, slightly micaceous in part, with trace of pyrite. Shale is becoming very slightly dolomitic in part exhibited by minute white specks.
8020 - 8080	Shale - as above, with less lustre, appears duller black than previously. Trace of disseminated pyrite remains present.
8090 - 8150	Shale - as above, with varying minor amount of black shale with reflect crystal faces (a brighter lustre).
8160	Shale - as above. Trace of white spiculed shale.
8170 - 8210	Shale - black, blocky as above, with abundant blocky, light grey to medium grey shale. Trace of siltstone. The light grey to medium grey shale comprises approximately 50% of sample.
8220 - 8250	Shale - as above, with decrease in black shale to common, and light grey shale to trace. Predominantly medium to dark grey fissile shale. Shale comes over shaker in part in large flat plate and splinters ranging from 1/2" to 1" in length for the larger pieces.
8260 - 8350	Shale - predominantly fissile to splintery, medium to dark grey shale with a shiny lustre. Occasional trace of pyrite.
8360	Shale - as above. Pyrite is becoming obvious in each sample. (A trace amount).
8370	Shale - as above, with black blocky to fissile shale becoming abundant. (similar to the Canol type, coloring the water black when being washed).

8380	Shale - as above, dark grey and black shale. Occasional chip has whitish specks and is calcareous. Pyrite is present as trace.
8390 - 8400	Shale - as above, with medium grey shale and trace of grey-green shale. Black shale predominant.
8410 - 8420	Shale - as above, with lighter grey shale common.
8430 - 8440	Shale - black shale predominant.
8450 - 8460	Shale - white specks (fossils) dispersed through black shale is common.
8470	Limestone - grey brown, very finely crystalline (earthy appearance), argillaceous, fossiliferous, chalky in part, with white calcite infilling, occasional fracture and fossil vug. Minor amount of darker brown, hard, dense, cryptocrystalline limestone. Trace of pyrobitumen. No porosity.
8510	Limestone - as above, with hard, dark brown, crypto to micro crystalline, argillaceous limestone common.
8520 - 8530	Limestone - as before - the grey brown earthy appearing limestone, etc.
8540	Limestone - poor samples after trip. Appears to be limestone dark brown, hard, crypto to microcrystalline, argillaceous, with occasional bleb or fracture infill of white calcite.
8550	Limestone - as above, dark brown, dense, crypto to micro-crystalline, argillaceous, slightly dolomitic in part. Trace of white calcite infill fracs.
8560-8600	Limestone - as above, with minor amount of grey brown, earthy appearing (very fine crystalline), argillaceous limestone, with trace of chalky limestone as above. Fossiliferous (brachs, crinoids). Calcite obvious to trace. No porosity.
8610 - 8650	Limestone - as above, with the grey-brown type grading to a lithographic texture in part. The earthy looking grey brown limestone varies in amount to 40% of sample.
8660 - 8680	Limestone - as above, with grey brown lithographic texture more common. The dark brown, hard, dense limestone is grading to predominantly cryptocrystalline.
8690	Limestone - as above, with the dark brown limestone primarily microcrystalline.
8710	Limestone - slight increase in chalky texture portion. Washing sample gives off milky clouds.

8720 - 8760	Limestone - as above, predominantly hard, dense, argillaceous, dark brown, crypto to microcrystalline, fossiliferous limestone and varying minor amounts of light grey brown, lithographic, argillaceous, fossiliferous and chalky limestone (10 - 30%).
8770	Limestone - with minor amount of light brown, fine crystalline limestone. Tight.
8780 - 8810	Limestone - the hard dense crypto to microcrystalline limestone grades in part to greyish and to lighter brown from the most common color of the dark brown. The hard crystalline limestone is slightly dolomitic. Lithographic limestone remain minor in amount. Trace of chalky limestone.
8820 - 8830	Limestone - as above, with much caving following trip.
8840 - 8890	Limestone - as before, hard, dense, crypto to microcrystalline, dark brown limestone and soft, light grey to light grey brown, lithographic to finely crystalline limestone. Both are argillaceous and fossiliferous. The former predominates. Approximately 65%.
8900	Limestone - as above, becoming very argillaceous and grey to dark grey in color. Minor amount of light grey, blocky shale.
8910	Shale - medium grey, blocky to partly fissile with above very argillaceous, light grey, soft limestone and dark grey, dense limestone.
8910	Limestone - as above with above shale minor in amount.
8920	Limestone - the light colored soft limestone is finally crystalline in part (re-crystallization). Considerable black shale cavings.
8930	Limestone - grey, coarse fragments, fossil fragmented with coarse white calcite infill. Tight. This facie approximately 40% of sample.
8940	Limestone - as above, grading in small part to fine to medium crystallinity (a fragmented, fossiliferous zone).
8950	Limestone - as before, predominantly a fossiliferous, argillaceous, crypto to micro, in part finely crystalline, hard, dense, dark brown limestone with a minor amount of a soft light grey, fossiliferous, argillaceous, lithographic to fine crystalline limestone. The hard crystalline limestone has a shinier lustre than before.
8960	Limestone - as above. The occasional dense, hard, crystalline limestone chip suggested the zone may be fragmented. No porosity.

8970 - 9000	Limestone - as above, hard to soft limestone - ratio approx. 7:3. The cuttings off the shaker are musky indicating chalky limestone present which washes away on cleaning sample. Balls bit.
9010	Limestone - the hard, dense crystalline portion is finer textured and becoming more grey than brown as previously. Slight increase in chalky portion.
9020	Limestone - as above, with grey calcareous shale.
9030 - 9060	Limestone - increase in blocky shale to common. Limestone is predominantly cryptocrystalline, dense, hard with abundant lighter grey, soft, chalky to lithographic to fine crystalline limestone. Limestone remains very argillaceous.
9070	Limestone - increase in shale to abundant.
9080	Limestone - predominantly grey, very calcareous shale, grading to very argillaceous limestone.
9090	Shale - grey, calcareous, blocky.
9100	Shale - with minor amount of light grey marl and dark brown, fossiliferous, microcrystalline, argillaceous limestone.
9110	Shale - increase in very argillaceous limestone to abundant.
9120 - 9130	Shale - with considerable bituminous shale (cvgs?).
9140	Limestone - dark brown, dense, argillaceous, crypto to microcrystalline with abundant light grey, soft, argillaceous, marly limestone. Fossiliferous with ostracods common.
9150	Shale - grey, blocky calcareous.
9160	Shale - grading to previous above type of limestone.
9170 - 9180	Shale - predominantly shale as above.
9190 - 9210	Shale - becoming predominantly limestone as above which grades in part to finely crystalline.
9220	Limestone - as above, appears more fragmental, a coarse grainstone in chalky matrix, tight. Dead oil (bitumen) present as is the case in numerous scattered places since the Hume was penetrated at 8460.
9230 - 9240	Limestone - as above, predominantly light grey - a fragmental, fossiliferous, chalky matrixed limestone with considerable dark brown crypto to micro crystalline, dense, argillaceous limestone. Trace of fine crystalline limestone.

9250	Limestone - becoming less fragmental (a trace) and more chalky and hard, dense crystalline. Trace of brown, hard, cryptocrystalline limestone.
9260	Limestone - grading to a dark grey, very calcareous shale and/or very argillaceous limestone.
9270 - 9280	Limestone - with considerable soft, light grey, and hard dark brown crystalline limestone as before. Occasional pyrite crystal.
9290 - 9320	Limestone - very dark brown to black, hard, dense, very argillaceous, cryptocrystalline with minor amount of lighter brown, fine to medium crystalline to granular limestone. Trace of dark grey shale and chalky limestone. Occasional chip of medium to coarse crystalline, poorly sorted, light grey dolomite with interstitial spaces infilled with black material (bitumen).
9330 - 9350	Limestone - as above with increase in amount of lighter dark brown, crystalline, slightly dolomitic limestone and marly limestone. Black to dark grey shale common. (The crystalline limestone appears as a re-crystallized, poorly sorted, lime sand. Possible reef detritus?).
9360	Limestone - decrease to minor in the fine crystalline limestone. Predominantly hard, very dark brown to lighter grey brown, cryptocrystalline, argillaceous limestone as above. Shale is obvious.
9370	Limestone - the dark lime very argillaceous, grading to a very calcareous shale.
9380	Limestone - with the chalky limestone common.
9390	Limestone and Shale - as above, dark brown to black, very argillaceous limestone grading to shale in part. Marly limestone is common.
9410	Limestone and Shale - as above with minor amount of coarse to grit size lime sand (rounded dark limestone grains in a chalky matrix).
9420	Limestone and Shale - dark very argillaceous limestone and calcareous shale, hard, blocky - same as above. The chalky to lithographic limestone is minor in amount.
9430	Limestone and Shale - becoming hard and brittle in part, white calcite infill obvious.
9440	Limestone and Shale - as above, a dark argillaceous limestone grading to a hard, very calcareous, blocky shale. Chalky limestone is minor and washes out easily.
9450	Limestone - as above. Trace of pyrite. and Shale

9460	Limestone and Shale - as above, predominantly dark argillaceous, fossiliferous limestone grading to hard, calcareous shale. White calcite infill of fossil vugs and fracture remains common. No porosity.
9500	Limestone and Shale - increase in chalky, fragmental limestone. Trace of grey-green siltstone and black bituminous shale (cavings).
9510 - 9530	Limestone - dark grey, very argillaceous, hard with considerable lighter grey, softer marly limestone and dark grey shale. Very fine textured (mudstones).
9540	Limestone - as above, drilling becoming rough.
9550 - 9580	Limestone - trace of white calcite, often clusters of fine to coarse crystals with intercrystalline and vuggy porosity. Calcite approximately 5% of sample. A fracture zone with possible fracture reservoir potential? No stain.
9590	Limestone - as above, with decrease in white calcite to a slight trace. Considerable shale, medium grey, dark grey and black bituminous (cavings).
9600	Limestone - as above. Minor amount of grey-green siltstone (caving from Imperial?).
9610	Limestone - as above, predominantly crypto to micro crystalline, dark brown to dark grey, argillaceous, slightly dolomitic limestone, slightly fossiliferous with minor amount of mottled limestone and trace of light grey, soft, marly limestone. Dark shale (cavings) common as above. Siltstone, as above, remains present.
9620	Dolomite - dark grey, very finely crystalline, in part lighter grey microcrystalline with abundant above limestone. Tight.
9630	Limestone - dark brown, hard, dense, cryptocrystalline, argillaceous, slightly dolomitic with considerable light grey, earthy, marly limestone.
9640	Limestone - as above, with increase in soft light grey, marly limestone.
9650	Limestone - with minor amount of dark brown, dense, micro to very finely crystalline dolomite.
9660	Dolomite - dark grey to dark brown, crypto to very finely crystalline, dense, tight.
9670	Dolomite - with abundant massive anhydrite.

9680	Dolomite - grey, finely crystalline, with spotty, fair to good, pinpoint vuggy porosity, no stain.
9690	Dolomite - becoming predominantly medium to dark brown, dense, crypto to microcrystalline, slightly limy dolomite with minor amount of anhydrite.
9700	Dolomite - as above, with increase in anhydrite. The minor dark grey, finely crystalline dolomite has the occasional pinpoint vug (may be caving from zone at 9680).
9710	Dolomite - as above, much anhydrite, no porosity.
9710 - 9738	Core #1 - see Core description.
9740	Anhydrite - with minor amount of grey, finely crystalline dolomite and grey brown, cryptocrystalline dolomite.
9750	Anhydrite - with abundant dark brown grey, argillaceous, cryptocrystalline dolomite.
9760	Dolomite and Anhydrite - as above.
9770	Dolomite - dark grey to brownish grey, micro to finely crystalline, anhydritic.
9780	Anhydrite and Dolomite - the dolomite is very abundant and is predominantly dark brownish grey, argillaceous and crypto-crystalline.
9790	Anhydrite - grading to grey, finely crystalline, anhydritic dolomite with occasional trace of poor intercrystalline porosity.
9800	Dolomite - becoming dark grey argillaceous, micro to crypto-crystalline.
9810	Dolomite - with abundant anhydrite and minor amount brown, dense, cryptocrystalline dolomite.
9820	Dolomite - dark grey, grading to finely crystalline with minor amount (patchy) of poor intercrystalline porosity.
9830	Dolomite - grading to a light grey and grey brown crypto-crystalline dolomite. Dark grey crypto to microcrystalline dolomite is common.
9840	Anhydrite - with abundant, blocky, dark grey, dolomitic shale (shaly dolomite?).
9850	Dolomite - medium to dark grey, very finely crystalline, anhydritic with minor amount of anhydrite.
9860	Dolomite - grading to finer textured, argillaceous dolomite (crypto to microcrystalline). Anhydrite common.

9870	Anhydrite - with abundant dark grey to dark grey brown, dolomitic shale (shaly dolomite).
9880	Dolomite - predominantly dark grey, micro to very finely crystalline. Trace of thin calcite infilled fractures.
9890	Dolomite - becoming slightly coarser textured in part grading to finely crystalline. Occasional chip has calcite infilled vugs (inclusions). Anhydrite abundant.
9900 - 9910	Anhydrite - with abundant dark grey to black, argillaceous dolomite. (dolomitic shale).
9920	Dolomite - predominantly medium to dark grey, micro to finely crystalline, anhydritic.
9930	Dolomite - as above,with trace of light brown to buff, fragmental appearing, anhydritic dolomite. Drilling break at 9923. Sample circulated prior to tripping to change bit.
9940	Anhydrite and Dolomite - as above, poor sample following trip.
9950	Dolomite - dark grey, argillaceous, crypto, in part grey brown, anhydritic with anhydrite common.
9960	Dolomite - grading to grey, micro to very fine crystalline.
9970	Dolomite - lighter grey brown, dense, cryptocrystalline, anhydritic in part with anhydrite common.
9980	Dolomite - grading in part to dark brownish grey, micro-crystalline dolomite.
9990	Anhydrite - with light grey brown to dark brown grey, crypto to micro-crystalline dolomite abundant.
10,000	Dolomite - as above, predominant. Anhydrite abundant. Trace pyrite.
10,010	Dolomite - medium grey to dark brownish grey, micro to very finely crystalline. Tight.
10,020	Dolomite - grading to finer texture and argillaceous in part. Anhydrite very abundant.
10,030	Dolomite - predominantly medium grey, becoming coarser, grading to finely crystalline.
10,040-50	Dolomite - as above - anhydritic, with minor amount of anhydrite. Trace of poor pinpoint porosity.

10,060	Dolomite - becoming finer texture grading to micro and crypto-crystalline. Increase in anhydrite to abundant.
10,070	Dolomite - return to predominantly grey to dark grey, anhydritic, fine to medium crystalline dolomite. Tight.
10,080	Dolomite - occasional specks of grahamite. Anhydrite abundant.
10,090	Dolomite - becoming medium grey and grading to micro and crypto-crystalline in texture.
10,100	Dolomite - grading to fine and medium crystalline. Occasional (rare) trace of pinpoint porosity. Anhydrite minor.
10,110	Dolomite - predominantly grey, finely crystalline, anhydritic dolomite. Tight.
10,120	Dolomite - with minor amount of grey brown, very finely crystalline (sucrosic appearing) dolomite with intercrystalline and poor vuggy porosity.
10,130	Anhydrite - with grey, crypto to medium crystalline dolomite abundant.
10,140-60	Anhydrite - as above, with dark grey to black, argillaceous, cryptocrystalline dolomite common. Brown, dense cryptocrystalline dolomite present in a minor amount.
10,170	Dolomite - predominantly dark brownish grey to grey, in part grey brown, cryptocrystalline. Decrease in anhydrite to minor amount.
10,190	Dolomite - as above with abundant grey, blocky, silty shale.
10,200-10	Shale - grey, blocky, silty with minor amount of argillaceous siltstone. Trace of anhydrite.
10,220	Shale - with abundant grey to dark grey, argillaceous dolomite, with minor soft, chalky anhydrite. * Note few chips of yellow mineral (sulfur). No porosity.
10,230	Dolomite - dark grey in part dark brown grey, slightly argillaceous, cryptocrystalline, anhydritic, with considerable anhydrite.
10,240-50	Dolomite - grading to lighter grey and fine crystalline to granular in part.
10,260	Dolomite - as above,with slight increase in amount of anhydrite.
10,270	Dolomite - with trace of silty dolomite.
10,280-90	Dolomite - anhydrite very abundant.
10,300-40	Dolomite and Anhydrite - as above, dolomite predominantly crypto-crystalline, occasionally grading in part to finely crystalline. Remains slightly argillaceous.

10,350-440	Dolomite and Anhydrite - as above, with anhydrite approximately 40% of sample.
10,450	Dolomite - dark brownish grey as above, becoming predominantly micro to very finely crystalline. Decrease in anhydrite to minor.
10,460	Dolomite - as above, poor sample following trip.
10,470-90	Dolomite - as above, grey to dark brownish grey to dark grey, cryptocrystalline grading to finely crystalline in part. Slightly argillaceous. Anhydrite is minor in amount.
10,500 T.D.	Dolomite - as above. Poor sample as much shale contamination. One dolomite chip has sulfur on fracture plane.

ENGINEERING

BIT RECORD

Bit No.	Size	Make & Kind	Serial	Depth	Total Feet	Total Hours	Remarks
1S	8-3/4	SDT	HN126	825	765	18-3/4	6-1-1
2S	8-3/4	SDT	GH976	1005	180	6-1/4	1-1-1
3S	12-1/4	Hole Opener		730	670	19-1/2 R	2-4-1
4S	12-1/4	S3T	54789	1020	250	4-3/4 R	2-6-1
1A	8-3/4	SDT	GH976	1138	118	6	2-2-1
1	8-3/4	SDT	HN039	1836	698	27-3/4	5-1-1
2	8-3/4	SDGH	HN909	2280	444	20-1/4	4-1-1
3	8-3/4	SDGH	HN883	2780	500	24-1/4	3-1-1
4	8-3/4	SDGH	HS272	3200	420	31-1/4	5-2-1
5	8-3/4	M44N	248943	3770	570	33-1/2	3-1-1
6	8-3/4	SS1G	673292	4001	231	24-3/4	2-1-1
7	8-3/4	M44N	270181	4752	751	65-1/4	3-2-1
8	8-3/4	M44N	293340	5125	373	36-3/4	3-1-1
9	8-3/4	M44N	267701	5403	278	39-1/4	2-1-1
10	8-3/4	M44N	267693	5751	348	60-1/4	6-8-1
11	8-3/4	M44N	270876	5951	200	28-3/4	4-4-1
12	8-3/4	SS1G	795927	6196	245	37-3/4	4-3-1
13	8-3/4	SS1G	795924	6333	137	23	1-1-1 (Lost sinker bar)
14	8-3/4	M44	372015	6610	277	36	5-8-1
15	8-3/4	M44	371908	7010	400	48-3/4	4-2-1
16	8-3/4	SCM5	188736	7046	36	14-1/4	1-2-1
17	8-3/4	X1G	37207	7215	169	31-3/4	4-1-1
18	8-3/4	SS16	265455	7343	128	29	4-1-1
19	8-3/4	M44N	374758	7660	317	33-3/4	3-8-1
20	8-3/4	SS1G	795928	7814	154	24-1/4	7-1-1
21	8-3/4	SS1G	265456	7843	29	12-1/2	8-1-1
22	8-3/4	S88	912832	8164	321	46-3/4	1-2-1
23	8-3/4	M44N	374749	8542	378	57-3/4	5-8-1
24	8-3/4	S88	343081	8823	281	53-1/4	2-8-1
25	8-3/4	M44N	374796	8989	166	31-3/4	4-2-1
26	8-3/4	FBCM5	669226	9032	44	13-1/2	1-1-1
27	8-3/4	M4N	911913	9211	179	36-1/4	3-6-1
28	8-3/4	M4N	911921	9339	128	25	3-3-1
29	8-3/4	S88	343072	9463	124	27-3/4	2-6-1
30	8-3/4	XDU	35769	9545	82	21	6-2-1
31	8-3/4	J33	KH-137	9581	36	8-1/2	1-1-1
31A	8-3/4	J33	KH-137	9705	124	26	2-1-1
32	8-3/4	S88	9122261	Reamed 4050-5242	1192	69-1/4	2-3-1 (Pinched)
33	8-3/4	XDV	34768	Reamed 4900-6772	1872	37-1/4	1-2-0 1/8
34	8-3/4	M44	371627	Reamed 6780-7147	367	10-1/2	
				Reamed 9705-9710	5	1	
1C	6-3/16	Diamond	1272	Core 9738	38	7-1/2	Badly Damaged
34A	8-3/4	J-33	KH-137	9931	193	36-3/4	3-2-1
35	8-3/4	J-33	LL-945	10184	253	57	
36	8-3/4	S88	912280	10457	273	63-1/4	2-8-1
37	8-3/4	M44	371752	10500	43	13	1-1-1

DAILY MUD RECORD

Date	Depth	Wt. #/Gal.	Vis. Secs.	W.L. 15 mins. c.c.	PH	Gel	Caus tic	Sper sene	DV-68	Wt. Mat.	CMC	Ben Kelzan nex	Dowi cide	Super Col	Soda Ash	Barium Carbonate	REMARKS AND ADDITIVES
Feb.																	
13	1020	8.9	85			5800	150										
16	1138	8.6	35														
17	1742	9.0	33			100	400										
18	1854	9.2	60			5400											
19	2240	9.1	35			2500	100		2								
20	2280	9.2	65			3200	100										
21	2700	9.2	38			4200			6								
22	2940	9.2	37			1400			1-1/2								
23	3200	9.1	38			4500			4								
24	3620	9.1	35			3600			3								
25	3840	9.2	38			5500			5								
26	4001	9.2	45			3500			3								
27	4226	9.2	41			3000			3								
28	4470	9.2	40			3200			3								
29	4735	9.3	43			4500			4								
Mar.																	
1	4860	9.4	55			3100			6								
2	5067	9.3	55			3500			7								
3	5150	9.4	50			1800			3								
4	5303	9.3	60			6900			8								
5	5403	9.2	70			7500	200										
6	5463	9.3	102	7.4	9.5	3300	100										
7	5602	9.3	80	7.4	10.5	2600	100	100									
8	5734	9.4	85	7.0	10.0	3000										2	
9	5813	9.4	100	8.2	10.0	1500		100								6	
10	5951	9.5	95	6.6	10.5	1800										4	
11	6055	9.6	100	7.6	10.5	1500	100	50								4	
12	6190	9.6	92	7.0	10.5	3900	100	100								12	
13	6269	9.5	105	6.6	10.5	3500										14	
14	6333	9.5	100	6.8	10.5	5400					100					18	
15	6478	9.4	87	7.2	10.0	3500	100	100									

DAILY MUD RECORD (Cont'd)

Date	Depth	Wt. #/Gal.	Vis. Secs.	W.L. 15 mins. c.c.	PH	REMARKS AND ADDITIVES Gel	Caustic	Sper sene	DV-68	Wt. Mat.	CMC	Kelzan	Ben nex	Dowi cide	Super Col	Soda Ash	Barium Carb.
Mar.																	
16	6610	9.4	87	7.0	10.0	2700							6				
17	6771	9.4	90	7.4	10.0	4000	100	50									
18	6953	9.4	90	7.6	10.0	6500	100				100		12				
19	7010	9.4	125	7.2	10.0	2000											
20	5380R	9.8	167	7.0	10.5	1000	100	50		120	50	50					
21	7040	9.8	127	6.4	10.0	1000	50	100			50						
22	7056	9.8	183	6.6	9.0	1600	50	50									
23	7176	9.8	120	6.2	10.5	2000	150	100									
24	7225	9.8	130	6.2	9	2100											
25	7324	9.8	135	4.8	10	2000	300	150				1050					
26	7423	9.8	132	5.0	10.5	3000	100	50				200					
27	7643	9.8	127	5.0	10.0	1200	100	50									
28	7775	9.9	125	5.2	9.5	1100	50	150			50						
29	7814	9.9	140	5.8	10.0	700	200	200			50						
30	7843	9.9	150	5.0	10.0	1300					100						
31	7958	10.0	140	6.0	9.5	1200	100	100			50						
Apr.																	
1	8120	10.0	140	5.6	10.0	1400	100	50			50						
2	8212	10.0	155	5.8	10.0	1150	100	50			50						
3	8360	10.0	162	6.2	9.5	1100					50						
4	8518	10.1	154	5.8	10.0	550	100	50									
5	8542	10.1	220			850								100			
6	8659	10.0	170	5.8	10.0	2100	100	100									
7	8782	10.2	192	6.0	10.0	850											
8	8846	10.2	210	6.0	10.0	800	100	100									
9	8968	10.2	190	6.0	10.0	1800					100						
10	9021	10.2	165	10.0	10.0	1400	100	100									
11	9088	10.2	148	5.8	10.0	700					100			100			
12	9198	10.2	179	7.0	10.0	2400											
13	9270	10.3	150	5.0	10.5	500	150	150			150						
14	9339	10.3	270	5.2	10.0	1200		50									
15	9440	10.3	181	5.6	10.5	1800	250	250			200			50			
16	9490	10.3	172	5.0	10.5	1300											
17	9545	10.3	180	5.6	10.0	900											

DAILY MUD RECORD (cont'd)

Date	Depth	Wt. #/Gal.	Vis. Secs.	W.L. 15 mins. c.c.	PH	REMARKS AND ADDITIVES											
						Gel	Caus tic	Sper sene	DV-68	Wt. Mat.	CMC	Kelzan	Ben nex	Dowi cide	Super Col	Soda Ash	Barium Carb.
Apr. 18	9581	10.3	155	5.4	10.5		100	100				100					
19	9581	10.3	216	4.8	10.5	600											
20	9697	10.4	175	5.8	10.0	1100											
21	9705	10.4	185	5.8	10.0	600	350	550									
22	9705	10.6	455	6.2	10.0	2300	100	100									
23	9705	10.6	507	6.0	10.5	1500	350										
24	9705	10.6	620	5.6	11.5	3000	200	200									
25	9705	10.6	585	5.8	11.0	1800											
26	9705	10.7	700	5.4	11.0	3500	100	600				50					
27	9705	10.6	540	5.0	10.5		100	200							1100		
28	9710	10.4	390	5.0	10.5		150	650				1000			300		
29	9735	10.6	520	5.2	10.5		200	450								200	
30	9753	10.5	400	6.0	9.0											300	
May 1	9877	10.6	485	6.0	9.0			100								1900	
2	9935	10.5	600	5.2	9.0		50	200								1900	300
3	10,043	10.6	535	8.6	10.5		300	450								600	300
4	10,130	10.0	160	11.0	10.5		500	1450			100				100	600	1100
5	10,184	10.1	160	8.6	10.5						200			150	5100		500
6	10,184	10.6	205	7.2	9.5					256	50	350			2600	1800	
7	10,184	10.6	240	7.4	9.5												1000
8	10,267	10.6	240	7.6	10.0		200	200									
9	10,376	10.6	200	7.8	10.0	1800	50	50			100						
10	10,457	10.7	240	8.2	10.0					150							
11	10,500	10.9	250	7.6	10.0	1800											
12	10,500	10.9	250	7.8	9.5												
13& 14	Logging																
15		10.9	300	7.6	9.0										100		
17		11.0	365	10.1	8.5												

DAILY PROGRESS REPORT

8:00 a.m. - 7:59 a.m.

Date	Depth	Footage	Hrs. on Bottom	Bit Nos.	8:00 a.m. Temp.	Remarks
Feb.						
9	66	66			-10	Ran 62' of 13-3/8" conductor w/50 sax.
10	266	200	6	1S	-10	Drilled 8-3/4" pilot hole Spudded 8:00 p.m.
11	880	614	14-3/4	1S	-22	Drilled 8-3/4" pilot
12	1005	125 D 560 R	4-1/4 D 15 R	2S,2SR,3S	0	Drilled 8-3/4" and reamed to 12-1/4"
13	1020	445 R 15 D	8-1/4 R 1 D	S3 & S4	-30	Reamed & drilled. Circulating casing.
14	1020				-30	Ran 33 jts 9-5/8" csg. W.O.C.
15	1020				-15	Cut csg. weld bowl.
16	1138	118	6	1A, 1	-30	Unable to break circulation. Pulled nozzle. Ran in break circ.every stand. Press B.O.P.'s o.k.
17	1742	604	21-3/4	1	- 5	Drilling
18	1854	112		1, 2	-30	Pipe correction - 31'. Prep. to run DST #1
19	2240	386	17		- 30	Misrun DST #1 - Drilling
20	2280	40	2-1/4	2	- 30	DST 's #2 & #3. Misruns.
21	2700	420	20	3	- 15	Drilling
22	2940	240	14-3/4	3, 4	- 7	Drilling
23	3200	260	20-3/4	4,5	+ 15	Drilling - Tripping bit.
24	3620	420	21	5	- 10	Drilling
25	3840	220	19-1/4	5, 6	- 15	Drilling - Tripping bit.
26	4001	161	18	6	0	Drilling - Tripping bit
27	4226	225	20-1/4	7	- 5	Drilling
28	4470	244	21-1/2	7	- 12	Drilling
29	4735	265	21-3/4	7	- 18	Drilling
Mar.						
1	4860	125	11-1/4	7, 8	- 20	Drilling, Tripping bit - Tight off bottom, 30' fill.
2	5067	207	20-1/2	8	- 20	Drilling
3	5150	83	9-1/4	8,9	- 25	Drilling, Tripping bit - Tight off bottom, 90' fill.
4	5303	153	22-1/4	9	- 20	Drilling
5	5403	100	14-1/2	9	- 12	Drilling, Tripping, Tight off bottom and at 4457'
6	5463	60	12-1/2	10	- 12	Reaming 4450 & 4613-470, 5030-5092 5300-5403.
7	5602	139	21	10	- 20	Drilling
8	5734	132	22-1/2		- 15	Drilling - small amount cavings.
9	5813	79	13-1/2	10,11	- 5	Tripping - Tight 4780-5700
10	5951	138	19	11	- 26	Drilling - Tripping
11	6055	104	14	12	- 8	Clean 4458-4758, 5494-5900
12	6190	135	22-1/4	12	- 5	Drilling

DAILY PROGRESS REPORT (Cont'd)

Date	Depth	Footage	Hrs. on Bottom	Bit Nos.	8:00 a.m. Temp.	Remarks
Mar.						
13	6269	79	14	12,13	0	40' of fill on bottom - good trip.
14	6333	64	10-1/2	13,14	- 4	Ream 4708-4875, 5305-5400
15	6478	145	18	14	- 5	Have pendulum on. Ream 5400-5600.
16	6610	132	18	14,15	0	Tripping
17	6771	161	18	15	- 5	Ream 5330-5500 - 30' fill.
18	6953	182	22-1/4	15	0	Drilling
19	7010	57	8-1/2	15	+10	Caving badly - sticky reaming from 4770'.
20	7010	0	23-1/4R	16	+10	Reaming to 5380'
21	7040	30	9-1/2	16	+20	Ream 8-1/2 to 7010. Drilling
22	7056	16	6-1/4	16,17	+25	Pumped out 12 singles - Run in 120' fill
23	7176	120	22	17	+10	Drilling
24	7225	49	10-3/4	17,18	0	Trip. Tight off bottom, Ream 7110-7215.
25	7324	99	22-1/4	18	+10	Drilling
26	7423	99	14-3/4	18,19	0	Trip good
27	7643	220	21-3/4	19	+10	Drilling
28	7775	132	15-1/2	19,20	+20	Bridge @ 5525' - 3/4 hrs.
29	7814	39	10-1/4	20	+18	Trip bit - Ream 4 hrs. 4840-5030, 7348-7814.
30	7843	29	12-1/2	21	- 5	Ream above to 7814 - 4 hours
31	7958	115	18-3/4	22	-10	Trip bit. 130' fill
Apr.						
1	8120	162	22-1/2	22	+ 5	Drilling
2	8212	92	15	22,23	- 5	Trip bit 5-3/4 hrs. - Bridge 7795 - 20' fill
3	8360	148	22-1/2	23	+ 5	Drilling
4	8518	158	21-1/2	23	0	Drilling
5	8542	24	4-1/4	23,24	0	Trip bit, Clean 4800-5470 & 4 sgles. from bottom.
6	8659	117	20-3/4	24	+12	Drilling. Clean to bottom 2-1/2 hrs.
7	8782	123	23-1/4	24	+ 2	Drilling
8	8846	64	13	25	+ 5	Drilling. Trip good 6-1/4 hrs.
9	8968	122	22-1/4	25	+10	Drilling
10	9021	53	13-1/2	25,26	+20	Drilling. Trip bit o.k.
11	9088	67	16-1/4	26,27	+20	Drilling. Trip bit o.k.
12	9198	110	23	27	+20	Drilling
13	9270	72	14	27,28	+26	Trip bit - small bridge - 12' fill
14	9339	69	14-1/4	28	+26	Trip bit. Ream at bottom 2-1/4 hrs.
15	9440	101	22-1/2	29	+16	Drilling
16	9490	50	12-3/4	29,30	+12	Trip o.k. - sticky 50' of fill
17	9545	55	14-1/4	30	+18	Tite @ 4670' Stuck 1 hr.
18	9581	36	8-1/2		+25	Pipe tally - 2-50. Ran in w/DST #4
19	9586	5	1	31	+20	DST #4 9499-9581 - Misrun -
20	9697	111	23-1/4	31A	+ 8	
21	9705	8	1-3/4	31A	+15	Tight out @ 5890,5549,4862,4769, Stuck 3930.
22	4309	228R	23-1/4R	32	+10	Reaming
23	4746	437R	23-1/2R	32	0	Reaming

DAILY PROGRESS REPORT (Cont'd)

Date	Depth	Footage	Hrs. on Bottom	Bit Nos.	8:00 a.m. Temp.	Remarks
Apr.						
24	5242	496R	21R	32	+10	Reaming - stuck @ 5230' 1-3/4 hrs.
25	5276	34R	13-3/4	32,33	+20	Trip bit - Ream.
26	6647	1371R	23-1/2	33	+22	Ream.
27	7147	500R	10-1/4	33,34	+20	Trip bit - Ream
28	9710	5	1	34	+22	Ream. Drilled 5'
29	9735	25 core	7-1/2	Diamond	+20	Core No. 1
30	9753	3 core 28 ream	Drill 15	34A	+18	Core No. 1, 9710-38, Rec. 28'
May						
1	9877	124	23-1/4	34A	+25	Drilling
2	9935	58	11-1/4	34A,35	+30	Trip bit 7-3/4 hrs.
3	10043	108	23-1/4	35	+30	Drilling
4	10130	87	19	35	+34	Drilling - condition mud - very thick
5	10184	54	13-1/2	35	+28	Condition mud to log
6	10184	-	-	-	+35	DIL 8593-7700, 6600 - Csg;BHGSGC - 5300 - csg.
7	10184	-	-	36	+35	Ream 5476-5706,5800-62,5985-6049, 8593-8653. Reamed 70' to T.D.
8	10267	83	20-1/4	36	+40	Drilling
9	10376	109	23-1/4	36	+40	Drilling
10	10457	81	19-3/4	36	+30	Drilling Cons. Bd. Inspection
11	10500	43	13	37	+28	Cond. hole
12	10500	-	-	-	+25	Dummy trips 1. 8400 2. 3800 - Log DIL & Sonic
13					+25	Logging
14					+25	Logging. Prep. to run DST #5
15					+20	Cleaning hole
16					+15	Ran DST #6 & #7
17					+35	Ran DST #8 & #9
18						Ran DST #10 & #11 - Ran Plugs #1 & 2.
19						Ran Plugs #3 & 4
20						Ran 10 sack plug at surface. Welded plate and sign marker.
						Rig Released 8:00 a.m.

DEVIATION RECORD

Depth	Deviation (Degrees)	Depth	Deviation (Degrees)	Depth	Deviation (Degrees)
140	1/2	3845	2-3/4	6495	3
204	1/2	3908	2-3/4	6560	3
266	3/4	3970	2-3/4	6653	3
328	7/8	4033	3	6715	3
389	3/4	4095	2-3/4	6800	3
449	1/2	4158	3	6871	3
513	3/4	4220	3	6956	3-3/4
576	1/2	4283	2-3/4	7010	Misrun
637	7/8	4345	3	7040	3-1/2
701	1/2	4408	3	7080	4
763	1	4470	3	7140	4
825	7/8	4531	2-3/4	7215	4
889	7/8	4594	2-3/4	7268	4
920	7/8	4655	2-3/4	7340	3-7/8
983	7/8	4718	3-3/4	7390	4
1020	7/8	4811	3	7464	3-3/4
1138	7/8	4874	3	7546	4
1427	1-1/2	4967	3-1/8	7650	4
1585	2	5030	3	7670	4-3/4
1647	2	5092	4-3/4	7743	4-3/4
1710	1-1/2	5124	5	7795	4-1/2
1805	1-3/4	5164	4-7/8	7838	4-1/4
1962	2	5226	4-1/2	7889	4
2057	2	5289	3-3/4	8014	4
2150	2	5351	3-1/8	8140	5
2214	2	5400	2-3/4	8200	5
2340	2	5435	3-1/4	8260	4
2434	2	5466	3	8330	4-3/4
2560	2	5498	3	8390	4
2717	2	5560	3-1/2	8450	4
2748	2-7/8	5622	3-1/4	8522	3-3/4
2810	2-1/2	5685	3-1/2	8822	3-1/2
2873	3	5751	3-1/4	8956	3
2936	2-1/4	5772	3-1/2	8980	2
2998	2-1/2	5810	3-1/4	9110	2
3061	2-7/8	5940	3-3/4	9264	2-1/2
3124	2-3/4	5997	3-3/4	9330	3
3200	2-3/4	6060	3-1/4	9436	3
3280	2-3/4	6122	3-3/4	9462	2-1/4
3376	2-3/4	6196	3-1/2	9570	3-7/8
3469	2-1/4	6239	3-3/4	9705	3-1/2
3595	2-3/4	6300	3-7/8	9937	4-3/4
3658	2-1/4	6362	3-1/4	10150	7-1/4
3720	2-3/4	6403	3-1/4	10436	9
3770	2-1/2	6434	3-1/4		

DRILL STEM TESTS

Company - Lynes United Services Ltd.

Test No. 1

Date:	February 18, 1972
Operator:	Earl Harris
Formation:	Little Bear
Interval:	1475 - 1530' K.B.
Misrun:	Top packers did not hold.

Test No. 2

Date:	February 19, 1972
Operator:	Earl Harris
Formation:	Little Bear
Interval:	1430 - 1550' K.B.
Misrun:	Top packers did not hold.

Test No. 3

Date:	February 20, 1972
Operator:	Earl Harris
Formation:	Little Bear
Interval:	1490 - 1544' K.B.
Misrun:	Top Packers would not hold.

Test No. 4

Date:	April 18, 1972
Operator:	Cliff Marten
Formation:	Headless
Interval:	9499 - 9581' K.B.
Misrun:	Packers would not hold. Tried 3 times. First attempt pre-flow for 2 minutes Used 1,000' water cushion. Rec. 1100' muddy water cushion and 400' mud. IHP 5099, Pre-flow (2 Mins.) - 815, FHP 5099

Test No. 5

Date:	May 14, 1972
Operator:	Marvin Hausenga
Formation:	Headless
Interval	9462 - 9664' K.B.
Misrun:	The well bore was bridged off at 5,000'. Had to jar back up the hole through a keyseat at 3900' K.B.

DRILL STEM TESTS (Cont'd)

Test No. 6

Date:	May 15, 1972	
Operator:	Marvin Hausenga	
Formation:	Headless	
Interval:	9460 - 9558' K.B. (Used 2950' of water cushion).	
Flow Periods:	Preflow:	5 minutes
	Initial shut-in:	1 hour
	Flow period:	2 hours
	Final shut-in:	1 hour
Pressures:	Initial hydrostatic:	5387 psig
	Final hydrostatic:	5240 psig
	Preflow:	1335 psig
	Initial flow:	1335 psig
	Final flow:	1335 psig
	Initial shut-in:	3891 psig
	Final shut-in:	2745 psig
Recovery:	Moved down to run D.S.T. No. 7 - recovery for both tests was 50' drilling mud plus water cushion.	

Test No. 7

Date:	May 16, 1972	
Operator:	Marvin Hausenga	
Formation:	Headless	
Interval:	9563 - 9661' K.B. (Used 2950' of water cushion).	
Flow Periods:	Preflow:	5 minutes
	Initial shut-in:	1 hour
	Flow period:	1 hour
	Final shut-in:	1 hour
Pressures:	Initial hydrostatic:	5534 psig
	Final hydrostatic:	5387 psig
	Preflow:	1335 psig
	Initial flow:	1335 psig
	Final flow:	1335 psig
	Initial shut-in:	3038 psig
	Final shut-in:	2041 psig
Recovery:	Weak initial puff. Died after a few minutes into the flow period. Recovery was same as D.S.T. No. 6	

DRILL STEM TESTS (Cont'd)

Test No. 8

Date:	May 17, 1972
Operator:	Marvin Hausenga
Formation:	Headless
Interval:	9340 - 9460' K.B. (Used 2170' of water cushion).
Misrun:	Tried to obtain a packer seat at three different depths but could not. Pulled out. It appeared that either the pump had failed or the bypass valve "O" ring had failed.

Test No. 9

Date:	May 17, 1972	
Operator:	Marvin Hausenga	
Formation:	Little Bear	
Interval:	1683 - 1698' K.B.	
Flow Periods:	Preflow:	5 minutes
	Initial shut-in:	1 hour
	Flow period:	1 1/2 hours
	Final shut-in:	1 1/2 hours
Pressures:	Initial hydrostatic:	987 psig
	Final hydrostatic:	987 psig
	Preflow:	99 psig
	Initial flow:	186 psig
	Final flow:	396 psig
	Initial shut-in:	421 psig
	Final shut-in	421 psig
Recovery:	870' of muddy water (no gas cutting, no oil staining). Good initial puff that died after 1 hour.	

Test No. 10

Date:	May 18, 1972	
Operator:	Marvin Hausenga	
Formation:	Little Bear	
Interval:	1860 - 1875' K.B.	
Flow Periods:	Preflow:	5 minutes
	Initial shut-in:	1 hour
	Flow period:	1 1/2 hours
	Final shut-in:	1 1/2 hours
Pressures:	Initial hydrostatic	1126 psig
	Final hydrostatic:	1088 psig
	Preflow:	50 psig
	Initial flow:	124 psig
	Final flow:	359 psig
	Initial shut-in:	495 psig
	Final shut-in:	483 psig
Recovery:	720' of muddy water (no gas cutting or oil staining). Good initial puff that died after 1 hour.	

DRILL STEM TESTS (Cont'd)

Test No. 11

Date:	May 18, 1972	
Operator:	Marvin Hausenga	
Formation:	Little Bear	
Interval:	1644 - 1659' K.B.	
Flow periods:	Preflow:	5 minutes
	Initial shut-in:	1 hour
	Flow period:	1 1/2 hours
	Final shut-in:	1 1/2 hours
Pressures:	Initial hydrostatic:	975 psig
	Final hydrostatic:	975 psig
	Preflow:	25 psig
	Initial flow:	50 psig
	Final flow:	124 psig
	Initial shut-in:	396 psig
	Final shut-in:	384 psig
Recovery:	218' of muddy water (no gas cutting or oil staining). Good initial puff that died after 1 hour.	

ABANDONMENT PLUGS

Plug No.	Date 1972	Interval	Cement	Plug Down	Depth Felt
1	May 18	10,500-10,400	55 sacks	9:30 p.m.	
2	May 18	8,500--8,400	58 sacks	11:45 p.m.	8397' K.B.
3	May 19	2,000--1,600	287 sacks + 2% $CaCl_2$	10:30 a.m.	1635' K.B.
4	May 19	1,070----970	61 sacks + 2% $CaCl_2$	8:00 p.m.	980' K.B.
5	May 20	Ran a 10 sack plug in the top of the surface casing. Welded on a steel plate and a sign marker.			

LYNES UNITED SERVICES LTD.

TEST DATA					
Test No.	1	Lynes Test	1		
Formation	Little Bear Sand	T.D.	1854	Ft.	
Interval Tested	1475	Ft. to	1530	Ft.	
Feet of Net Pay Tested	55			Ft.	
Type of Test	Dual By-pass Straddle				
Cushion		Amount		Ft.	
Started in Hole at	5:30 Hrs.	Tool Open at	8:30	Hrs.	
Pre-Flow	Mins.	Initial Shut-in		Mins.	
2nd Flow	Mins.	Second Shut-in		Mins.	
Final Flow	Mins.	Final Shut-in		Mins.	
Remarks:	Packer seat failed.				
Blow:					

GENERAL INFORMATION	
Company	Western Decalta Petroleum Ltd.
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Dome Keel S
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation 1267
Area	Norman Wells Province N.W.T.
Company Rep.	J.Ontko
Tester	E. Harris
Contractor	Guthrie McLaren Rig No. 2
Ticket No.	3193 Date Feb 18/72
Service Reports To:	
	14 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA	
Mud Type	Gel Chem
Weight	9.2 Viscosity 59 Water Loss
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH" Weight
Drill Collars	4 1/2H90 O.D. 2 3/4" Feet Run
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	
Packer Rubber Size	7 3/4"
REMARKS	Packer seat failed. Clock stopped on recorder# 901

RECOVERY	
TOTAL FLUID RECOVERED	nil Ft. Consisting of:
Ft. of	
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___	Inside ___ Outside ___
	Recorder No. 2235	Recorder No. 901	Recorder No.	Recorder No.
	Capacity 3350	Capacity 3400	Capacity	Capacity
	Depth 1490	Depth 1495	Depth	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	795			
2 - PRE-FLOW				
3 - INITIAL SHUT-IN		clock		
4a - 2nd INITIAL FLOW		stopped		
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	791			

Company: Western Decalta Petroleums Ltd.

Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #1

Date of Test: Feb 18/72

LYNES UNITED SERVICES LTD.

TEST DATA					
Test No.	2	Lynes Test	2		
Formation	Little Bear Sand	T.D.	2280	Ft.	
Interval Tested	1430	Ft. to	1550	Ft.	
Feet of Net Pay Tested	120			Ft.	
Type of Test	Con Straddle				
Cushion		Amount		Ft.	
Started in Hole at	7:45	Hrs.	Tool Open at	Hrs.	
Pre-Flow	Mins.		Initial Shut-in	Mins.	
2nd Flow	Mins.		Second Shut-in	Mins.	
Final Flow	Mins.		Final Shut-in	Mins.	

Remarks:

Packer seat failed.

Blow:

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

RECOVERY	
TOTAL FLUID RECOVERED	360 Ft. Consisting of:
360 Ft. of	drilling mud
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

GENERAL INFORMATION	
Company	Western Decalta Pet. Ltd.
Address	630 Sixth Avenue S.W.
	EighthFloor
Well Name	Decalta et al Dome Keel S
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	Norman Wells Province N.W.T
Company Rep.	J. Ontko
Tester	E. Harris
Contractor	Gutrhie McLaren Rig No. 2
Ticket No.	3194 Date Feb 19/72
Service Reports To:	
	14 - above address

MUD AND HOLE DATA	
Mud Type	Gel Chem
Weight	9.1 Viscosity 80 Water Loss
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH' Weight
Drill Collars	4 1/2"H90 I.D. 2 3/4" Feet Run 270
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	
Packer Rubber Size	7 3/4"
REMARKS	Packer seat failed. Misrun

PRESSURE READINGS				
	Inside ____ Outside X	Inside ____ Outside X	Inside ____ Outside ____	Inside ____ Outside ____
	Recorder No. 2235	Recorder No. 901	Recorder No.	Recorder No.
	Capacity 3350	Capacity 3400	Capacity	Capacity
	Depth 1453	Depth 1538	Depth	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	659	725		
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4 - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW	misrun	misrun		
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	667	724		

Company: Western Decalta Pet. Ltd.

Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #2

Date of Test: Feb 19/72

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION	
Test No.	3	Lynes Test	3			
Formation	Little Bear Sand	T.D.	2280	Ft.	Company	Western Decalta Pet Ltd.
Interval Tested	1490 Ft. to	1544		Ft.	Address	630 Sixth Avenue S.W.
Feet of Net Pay Tested	54			Ft.		Eighth Floor
Type of Test	Dual Con Straddle					
Cushion	Amount			Ft.	Well Name	Decalta et al Dome Keel S
Started in Hole at	3:00 Hrs.	Tool Open at		Hrs.	Well Number	A-28
Pre-Flow	Mins.	Initial Shut-in		Mins.	K.B. Elevation	1280 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Norman Wells Province N.W.T.
Final Flow	Mins.	Final Shut-in		Mins.	Company Rep.	J.Ontko
Remarks:					Tester	E. Harris
Packer seat failed					Contractor	Gurthrie McLaren Rig No. 2
					Ticket No.	3195 Date Feb 20/72
Blow:					Service Reports To:	
						14 - above address

GAS BLOW MEASUREMENTS				MUD AND HOLE DATA	
Measured with				Mud Type	Gel Chem
				Weight	9.1 Viscosity 80 Water Loss
				Filter Cake	2/32" Bottom Hole Temperature
Time	Surface Choke	Reading Inches	Cubic Feet/Day	Drill Pipe Size	4 1/2" FH Weight
				Drill Collars	4 1/2"H90 I.D. 2 3/4" Feet Run 330
				Main Hole or Casing Size	8 3/4"
				Rathole or Liner Size	No. of Feet
				Bottom Hole Choke Size	1/2"
				Surface Choke Size	
				Packer Rubber Size	7 3/4"
				REMARKS	Packer seat failed.

RECOVERY	
TOTAL FLUID RECOVERED	190 Ft. Consisting of:
190 Ft. of	drilling mud
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___	Inside ___ Outside ___
	Recorder No. 2235	Recorder No. 901	Recorder No.	Recorder No.
	Capacity 3350	Capacity 3400	Capacity	Capacity
	Depth 1509	Depth 1538	Depth	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	695	clock		
2 - PRE-FLOW		stopped		
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW	misrun			
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	695			

Company: Western Decalta Pet. Ltd.

Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #3

Date of Test: Feb 20/72

LYNES UNITED SERVICES LTD.

TEST DATA							
Test No. 4				Lynes Test 4			
Formation				T.D. 9581	Ft.		
Interval Tested	9499	Ft. to 9581			Ft.		
Ft. of Net Pay Tested		82			Ft.		
Type of Test	Bottom Hole Conv.						
Cushion	water			Amount 1000	Ft.		
Started in Hole at	4:30	Hrs.	Tool Open at		Hrs.		
Pre-Flow	2	Mins.	Initial Shut-in		Mins.		
2nd Flow		Mins.	Second Shut-in		Mins.		
Final Flow		Mins.	Final Shut-in		Mins.		
Remarks:							
	After packers slid 25 feet could						
	not get packer seated. Packers						
Blow:	held for 2 minutes.						

GENERAL INFORMATION	
Company	Western Decalta Petroleums Ltd.
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Dome Keel S
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	Norman Wells Province N.W.T.
Company Rep.	J. Ontko
Tester	Y. Yelenik
Contractor	Guthrie McLaren Ria No. 2
Ticket No.	3199 Date April 17/72
Service Reports To:	
	5 - above address.

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA	
Mud Type	Gel Kel
Weight 10.4	Viscosity 200 Water Loss 5.2
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH Weight 16.60
Drill Collars	6 1/2" I.D. 2 1/4 Feet Run 154.75
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	1"
Packer Rubber Size	7 3/4 x 2 7/8"
REMARKS	
	Could not get a packer seat.

RECOVERY	
TOTAL FLUID RECOVERED 1500	Ft. Consisting of:
1000 Ft. of	water cushion (muddy)
500 Ft. of	drilling mud
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	was not
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	28,600 PPM NaCl

PRESSURE READINGS				
	Inside X Outside	Inside Outside X	Inside Outside	Inside Outside
	Recorder No. 2262	Recorder No. 2835	Recorder No.	Recorder No.
	Capacity 4950	Capacity 5400	Capacity	Capacity
	Depth 9486	Depth 9510	Depth	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	malfunctioned	5116		
2 - PRE-FLOW		930		
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC		5116		

Company: Western Decalta Petroleums Ltd.

Well Name and Description: Decalta et al Dome Keel S. A-28

Test Nr.: #4

Date of Test: April 17/72

LYNES UNITED SERVICES LTD.

TEST DATA						
Test No.	5	Lynes Test	5			
Formation	Headless	T.D.	10,500	Ft.		
Interval Tested	9462	Ft. to	9664	Ft.		
Ft. of Net Pay Tested	202			Ft.		
Type of Test	Inflatable Straddle					
Cushion	water	Amount	3014	Ft.		
Started in Hole at	0600	Hrs.	Tool Open at	Hrs.		
Pre-Flow	Mins.	Initial Shut-in		Mins.		
2nd Flow	Mins.	Second Shut-in		Mins		
Final Flow	Mins.	Final Shut-in		Mins.		
Remarks:	Unable to get to bottom. Bridged off at 5400'					
Blow:						

GENERAL INFORMATION	
Company	Western Decalta Petroleums Ltd
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Dome Keel S.
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	South Keele Province N.W.T.
Company Rep.	P. Harman
Tester	M. Housenga
Contractor	Guthrie McLaren Rig No. 2
Ticket No.	3298 Date May 14/72
Service Reports To:	
	5 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA	
Mud Type	Gel Base
Weight 10.9	Viscosity Water Loss 7.2
Filter Cake 2/32"	Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH Weight 16.6
Drill Collars	4 1/2H90 I.D. 2 1/4" Feet Run 310.71
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	7 5/8 x 66"
REMARKS	Misrun - bridged off at 5400'

RECOVERY	
TOTAL FLUID RECOVERED	Ft. Consisting of:
Ft. of	
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

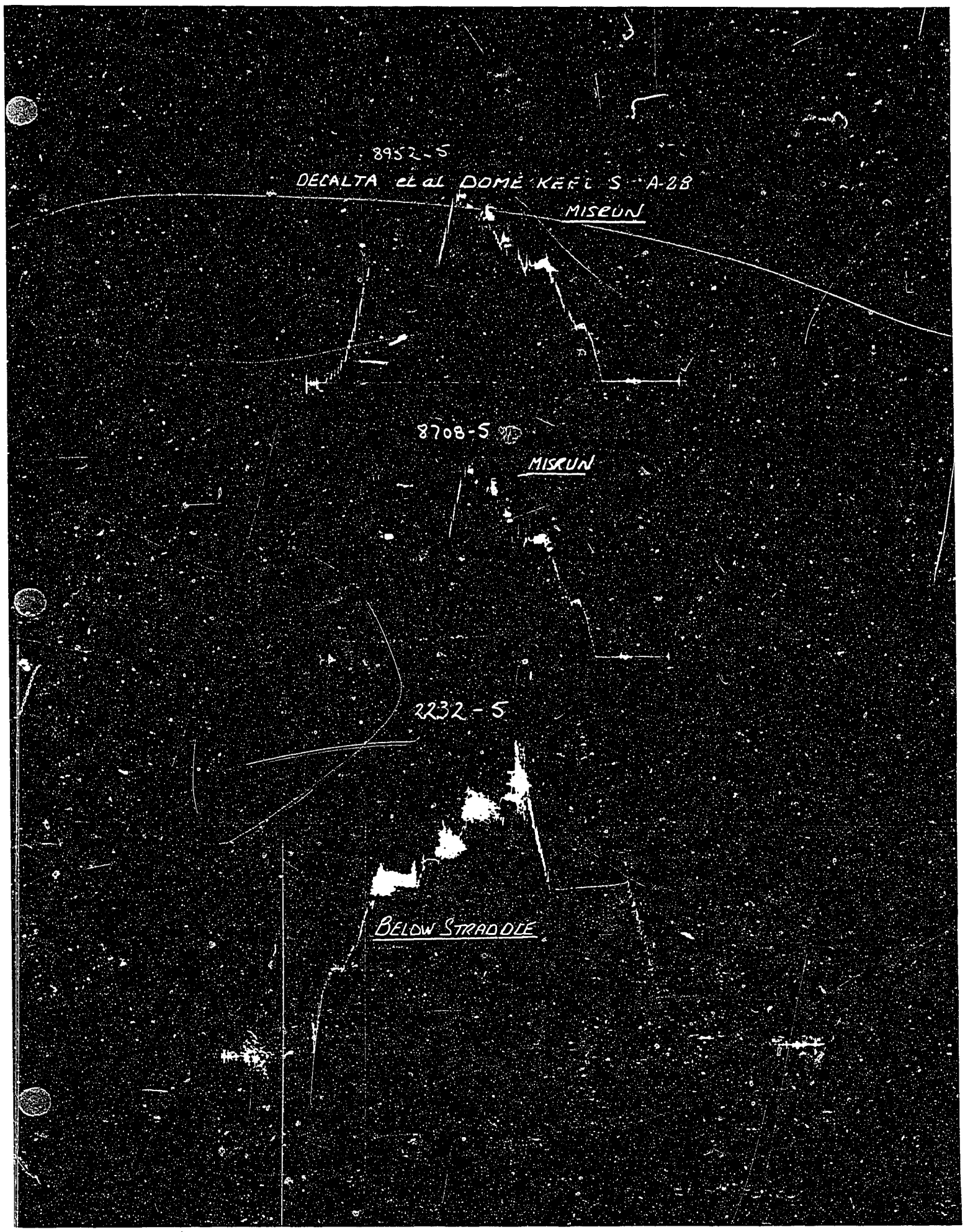
PRESSURE READINGS	Inside ___ Outside ×	Inside ___ Outside ×	Inside ___ Outside ×	Inside ___ Outside ×
	Recorder No. 8952	Recorder No. 8708	Recorder No. 9009	Recorder No. 2232
	Capacity 7000	Capacity 7000	Capacity 40-325	Capacity 8450
	Depth 9467	Depth 9467	Depth 9467	Depth 9674
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	2974	2965		2958
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW	misrun	misrun	malfunctioned	below straddle
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	2962	2959		2953

Western Decalta Petroleums Ltd. — Company

Decalta et al Dome Keel S. A-28 — Well Name and Description

#5 — Test No.

May 14/72 — Date of Test


8952-5
DECALTA et al DOME KEEL S A-28
MISRUN
8708-5
MISRUN
2232-5
BELOW STRADDLE

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION	
Test No.	6	Lynes Test	6				
Formation	Headless	T.D.	10,500	Ft.	Company	Western Decalta Petroleums Ltd.
Interval Tested	9460	Ft. to	9558	Ft.	Address	630 - Sixth Avenue S.W.
Ft. of Net Pay Tested	98			Ft.		Calgary, Alberta
Type of Test	Inflatable Straddle					
Cushion	water	Amount	2950	Ft.	Well Name	Decalta et al Dome Keel S.
Started in Hole at	1230 Hrs.	Tool Open at	1835	Hrs.	Well Number	A-28
Pre-Flow	5 Mins.	Initial Shut-in	60	Mins.	K.B. Elevation	1280 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in		Mins	Area	South Keele Province N.W.T.
Final Flow	120 Mins.	Final Shut-in	60	Mins.	Company Rep.	P. Harman
Remarks:					Tester	M Housenga
					Contractor	Guthrie McLaren Rig No. 2
					Ticket No.	3299 Date May 14/72
Blow:	Weak initial puff on preflow. Same on valve open. Dead in 5 minutes.				Service Reports To:	5 - above address

GAS BLOW MEASUREMENTS			
Measured with	no gas to surface.		
Time	Surface Choke	Reading Inches	Cubic Feet/Day

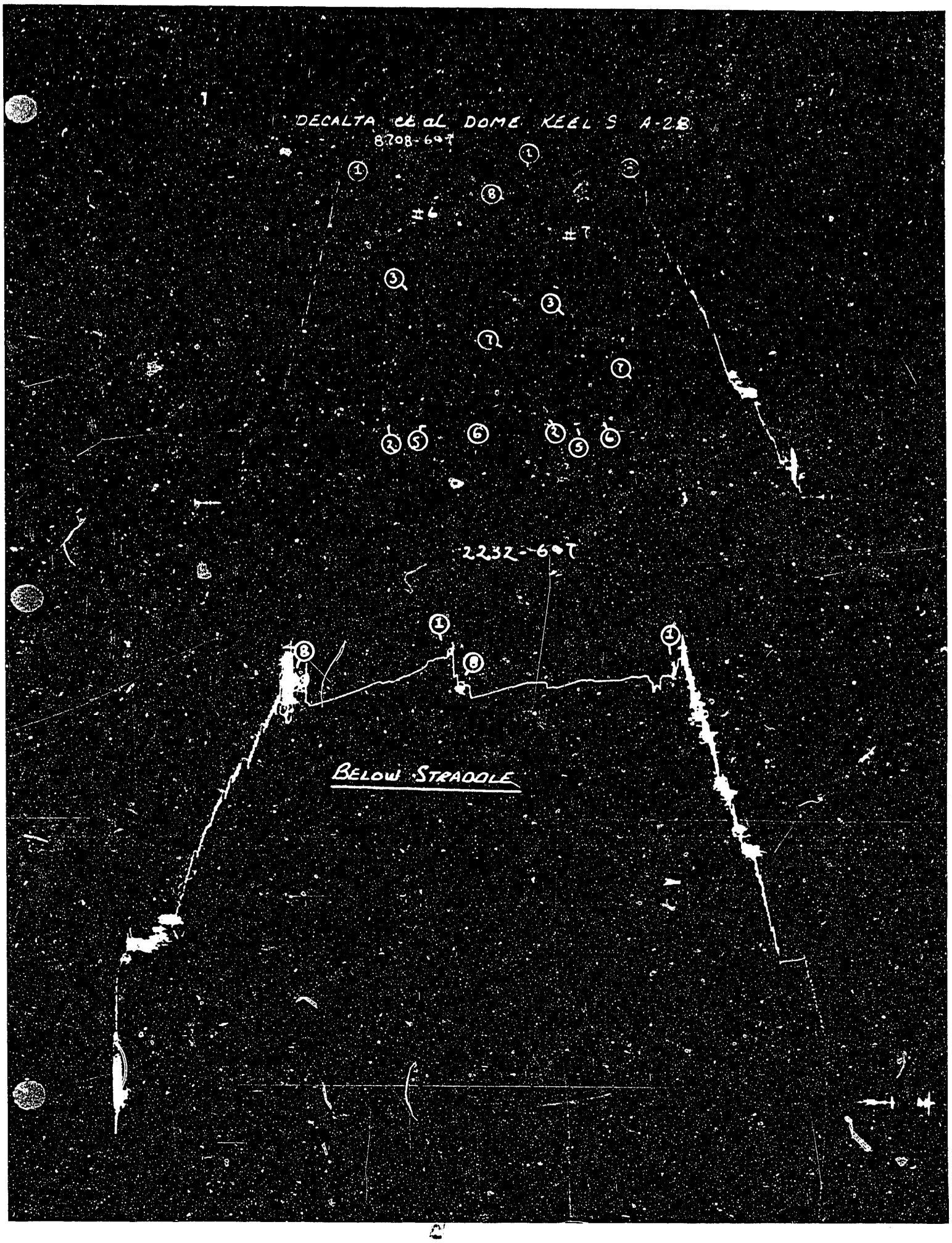
MUD AND HOLE DATA					
Mud Type	Gel Base				
Weight	10.9	Viscosity	340	Water Loss	7.2
Filter Cake	2/32"	Bottom Hole Temperature			
Drill Pipe Size	4 1/2" FH			Weight	16.6
Drill Collars	4 1/2H90	I.D.	2 1/4"	Feet Run	248.24
Main Hole or Casing Size	8 3/4"				
Rathole or Liner Size				No. of Feet	
Bottom Hole Choke Size	1"				
Surface Choke Size					
Packer Rubber Size	7 5/8 x 66"				

REMARKS Shut-in pressures suggest virtually no permeability within the interval tested. This test was the first test of two tests run on the same trip in the hole.

RECOVERY	for tests 6 & 7
TOTAL FLUID RECOVERED	3000 Ft. Consisting of:
2950 Ft. of	water cushion
50 Ft. of	drilling mud
Ft. of	
Ft. of	
Test was/was not Reversed Circulated	was not
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___
	Recorder No. 8708	Recorder No. 8952	Recorder No. 2232	Recorder No.
	Capacity 7000	Capacity 7000	Capacity 8450	Capacity
	Depth 9465	Depth 9465	Depth 9568	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	5395		5688	
2 - PRE-FLOW	1356			
3 - INITIAL SHUT-IN	3912	malfunctioned		
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN			below	
5 - 3rd INITIAL FLOW	1359		straddle	
6 - FINAL FLOW	1364			
7 - FINAL SHUT-IN	2578			
8 - FINAL HYDROSTATIC	5205		5422	

Western Decalta Petroleums Ltd. — Company
Decalta et al Dome Keel S. A-28 — Well Name and Description
#5 — Test No.
May 14/72 — Date of Test


DECALTA et al DOME KEEL S A-2B
8708-6T
#6
#7
2232-6T
BELOW STRADDLE

LYNES UNITED SERVICES LTD.

TEST DATA — Test No. 7 — Lynes Test 7

Formation	Headless	T.D.	10,500 Ft.
Interval Tested	9563 Ft. to	9661	Ft
Feet of Net Pay Tested	98		Ft.
Type of Test	Inflatable Straddle		
Cushion	water	Amount	2950 Ft.
Started in Hole at	Hrs.	Tool Open	2355 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: Weak initial puff on preflow. Same on valve open. Dead in 3 minutes.

GAS BLOW MEASUREMENTS

Measured with no gas to surface.

Time	Surface Choke	Reading Inches	Cubic Feet/Day

RECOVERY for tests 6 & 7

TOTAL FLUID RECOVERED 3000 Ft. Consisting of:

2950	Ft. of	water cushion
50	Ft. of	drilling mud
	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 Petroleums Ltd.
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Dome Keel S.
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	South Keele Province N.W.T.
Company Rep.	P. Harman
Tester	M. Housenga
Contractor	Guthrie McLaren Rig No. 2
Ticket No.	3300 Date May 16/72
Service Reports To.	
	5 - above address

MUD AND HOLE DATA

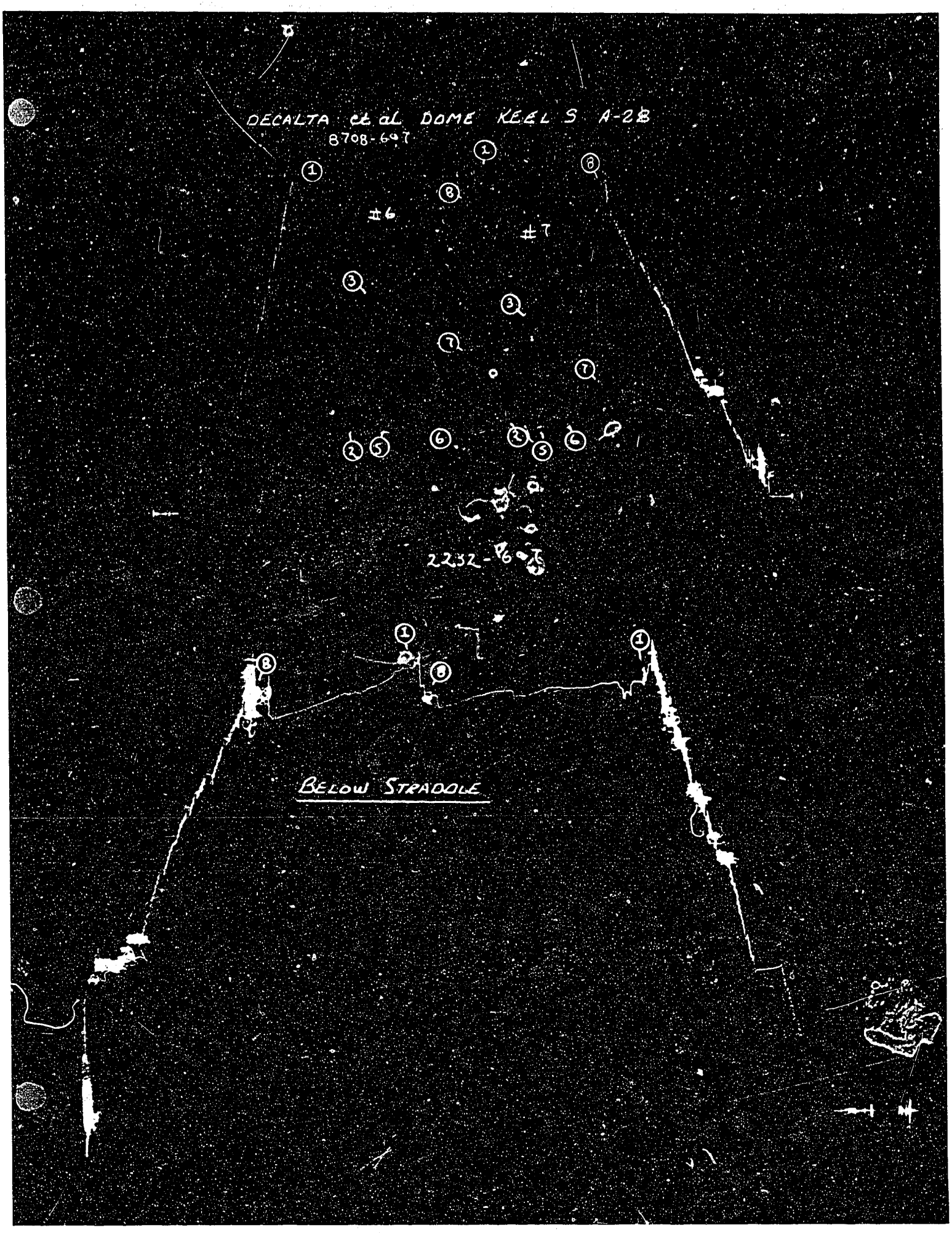
Mud Type	Gel Base
Weight	10.9 Viscosity 340 Water Loss 7.2
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH Weight 16.6
Drill Collars	4 1/2H90 I.D. 2 1/4 Feet Run 248.74
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	7 5/8 x 66"

REMARKS Shut-in pressures suggest virtually no permeability within the interval tested. This test was the second test of two tests run on the same trip in the hole.

PRESSURE READINGS

	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___
Recorder No.	8708	8952	2232	
Capacity	7000	7000	8450	
Depth	9568	9568	9671	
1 - INITIAL HYDROSTATIC	5537		5718	
2 - PRE-FLOW	1374			
3 - INITIAL SHUT-IN	3079	malfunctioned		
4a - 2nd INITIAL FLOW			below	
4b - 2nd FINAL FLOW			straddle	
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	1376			
6 - FINAL FLOW	1382			
7 - FINAL SHUT-IN	2023			
8 - FINAL HYDROSTATIC	5390		5300	

Company: Western Decalta Petroleums Ltd.
Well Name and Description: Decalta et al Dome Keel S. A-28
Test No.: #7
Date of Test: May 16/72


DECALTA et al DOME KEEL S A-2B
8708-697
#6
#7
2232-96
BELOW STRADDLE

LYNES UNITED SERVICES LTD.

TEST DATA — Test No. 8 — Lynes Test 8

Formation	Headless	T.D.	10,500 Ft.
Interval Tested	9340	Ft. to 9460	Ft.
Ft. of Net Pay Tested	120		Ft.
Type of Test	Inflatable Straddle		
Cushion	water	Amount	2170 Ft.
Started in Hole at	0345 Hrs.	Tool Open at	Hrs.
Pre-Flow	Mins.	Initial Shut-in	Mins.
2nd Flow	Mins.	Second Shut-in	Mins
Final Flow	Mins.	Final Shut-in	Mins.

Remarks:

Tried to pump up packers.
Unable to get seat.

Blow:

GAS BLOW MEASUREMENTS

Measured with

Time	Surface Choke	Reading Inches	Cubic Feet/Day

RECOVERY

TOTAL FLUID RECOVERED Ft. Consisting of:

Ft. of
Ft. of
Ft. of
Ft. of

Test was/was not Reverse Circulated

Oil Recovery A.P.I. Water Specific Gravity

Salinity

GENERAL INFORMATION

Company	Western Decalta Petroleums Ltd.
Address	630 - Sixth Avenue S.W.
	Calgary, Alberta
Well Name	Decalta et al Dome Keel S.
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	South Keele Province N.W.T.
Company Rep.	P. Harman
Tester	M. Housenga
Contractor	Guthrie McLaren Rig No. 2
Ticket No.	5051 Date May 17/72
Service Reports To:	
	5 - above address

MUD AND HOLE DATA

Mud Type	Gel Base
Weight	11.0 Viscosity 365 Water Loss 10.1
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH Weight
Drill Collars	4 1/2H90 I.D. 2 7/8 Feet Run 218.11
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	7 5/8 x 66"

REMARKS

Misrun - could not obtain a packer seat.

PRESSURE READINGS

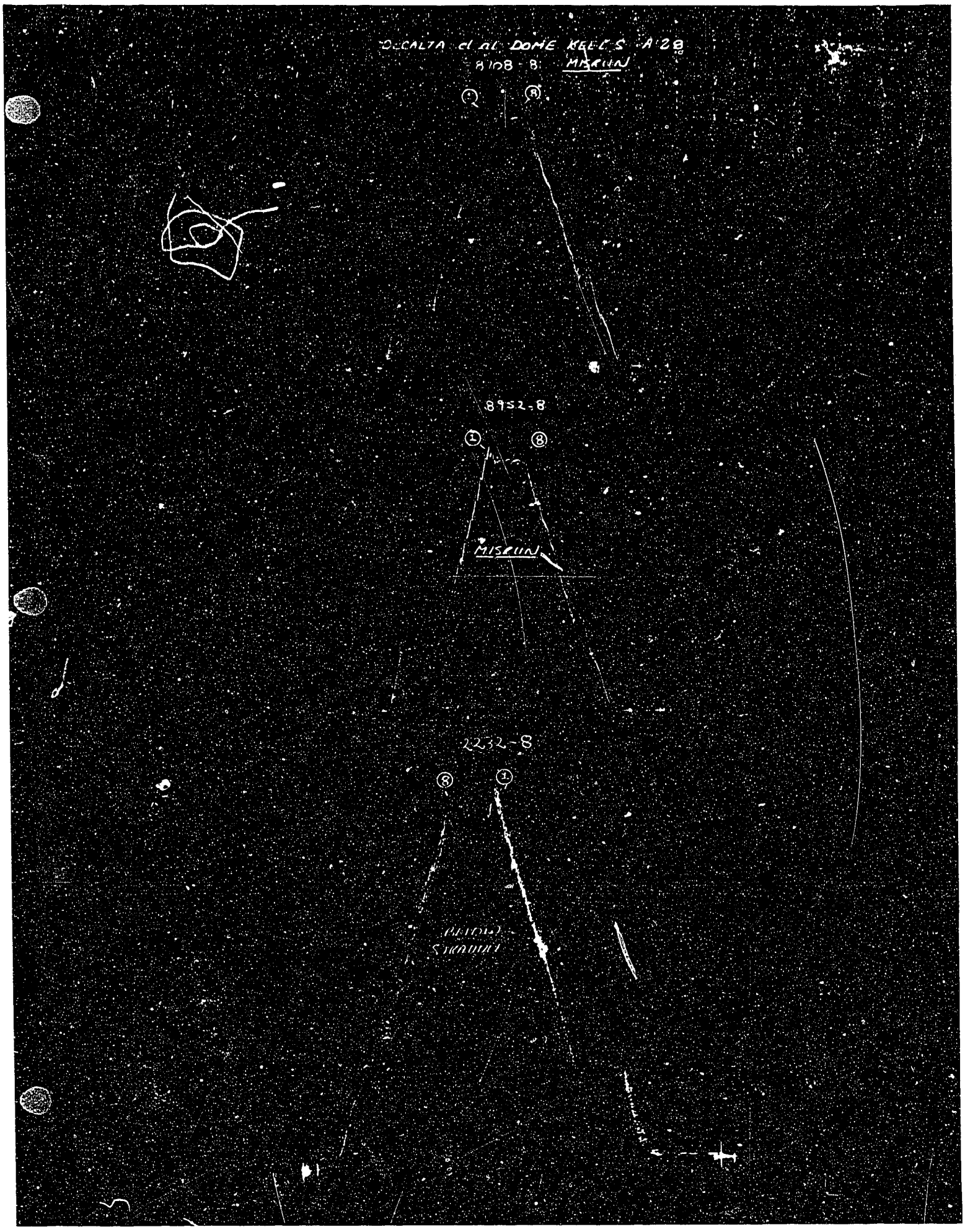
	Inside / Outside ×	Inside / Outside ×	Inside / Outside ×	Inside / Outside
Recorder No.	8708	8592	2232	
Capacity	7000	7000	8450	
Depth	9345	9345	9470	
1 - INITIAL HYDROSTATIC	5484	5480	5541	
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW	misrun	misrun	misrun	
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	5472	5474	5552	

Western Decalta Petroleums Ltd. — Company

Decalta et al Dome Keel S. A-28 — Well Name and Description

#8 — Test No.

May 17/72 — Date of Test


OCCALTA CI AL DOME KEL.C.S. A 28
8108-8 MARIN
8952-8
MISRUN
2232-8

LYNES UNITED SERVICES LTD.

TEST DATA — Test No. 9 — Lynes Test 9

Formation	Bearock — T.D. 10,500 Ft.
Interval Tested	1683 Ft. to 1698 Ft.
Net of Net Pay Tested	15 Ft.
Type of Test	Inflatable Straddle
Cushion	Amount Ft.
Started in Hole at	1630 Hrs. — Tool Open at 1745 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:	

Blow: Good initial blow. Same on valve open. Slightly decreasing Dead in 90 minutes.

GENERAL INFORMATION

Company	Western Decalta Petroleums Ltd.
Address	630 - Sixth Avenue S.W. Calgary, Alberta
Well Name	Decalta et al Dome Keel S.
Well Number	A-28
K.B. Elevation	1280 — Sub-Sea Elevation
Area	South Keele — Province N.W.T.
Company Rep.	P. Harman
Tester	M. Housenga
Contractor	Guthrie Mclaren — Rig No. 2
Ticket No.	5052 — Date May 17/72
Service Reports To:	5 - above address

GAS BLOW MEASUREMENTS

Measured with: no gas to surface.

Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA

Mud Type	Gel Base
Weight	11 — Viscosity 365 — Water Loss 10.1
Filter Cake	2/32" — Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH — Weight 16.6
Drill Collars	4 1/2H90 — I.D. 2 1/4 — Feet Run 218.11
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	7 5/8 x 66"

REMARKS Shut-in pressures suggest excellent permeability within the interval tested.

RECOVERY

TOTAL FLUID RECOVERED 870 Ft. Consisting of:

870 Ft. of sulphurous muddy water

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated: was not

Oil Recovery A.P.I. — Water Specific Gravity

Salinity

PRESSURE READINGS

	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___
Recorder No.	8894	8889	2232	
Capacity	3000	3000	8450	
Depth	1688	1688	1708	

NUMBER KEY:				
1 - INITIAL HYDROSTATIC	1010	1004		
2 - PRE-FLOW	206	208		
3 - INITIAL SHUT-IN	423	421	missing	
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	213	212		
6 - FINAL FLOW	409	405		
7 - FINAL SHUT-IN	422	418		
8 - FINAL HYDROSTATIC	996	990		

Company: Western Decalta Petroleums Ltd.

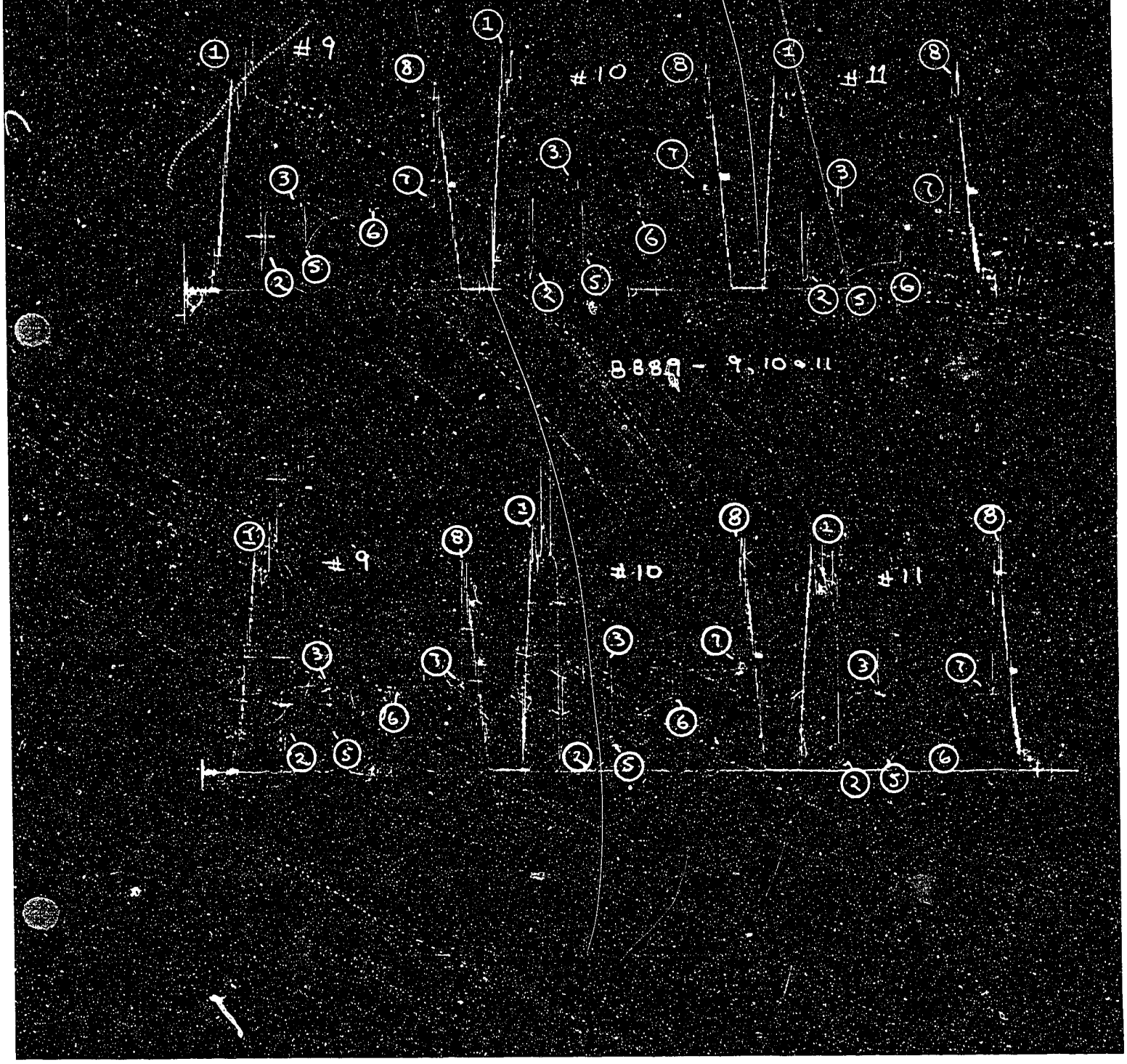
Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #9

Date of Test: May 17/72

8894 - 9, 10 & 11

DECALTA et al DOME KEELS A-28



8889 - 9, 10 & 11

LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKEEL S

LOCATION - A-28

DST NUMBER - 9

INTERVAL TESTED - 1683 TO 1698

RECORDER NO. - 8889

DEPTH - 1688

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	208
5	2.0000	406
10	1.5000	412
15	1.3333	415
20	1.2500	416
25	1.2000	417
30	1.1667	418
35	1.1429	419
40	1.1250	421
45	1.1111	421
50	1.1000	421
55	1.0909	421
60	1.0833	421

EXTRAPOLATION OF INITIAL SHUT-IN = 423.45

LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKEEL S

LOCATION - A-28

DST NUMBER - 9

INTEPVAL TESTED - 1683 TO 1698

RECORDER NO. - 8889

DEPTH - 1688

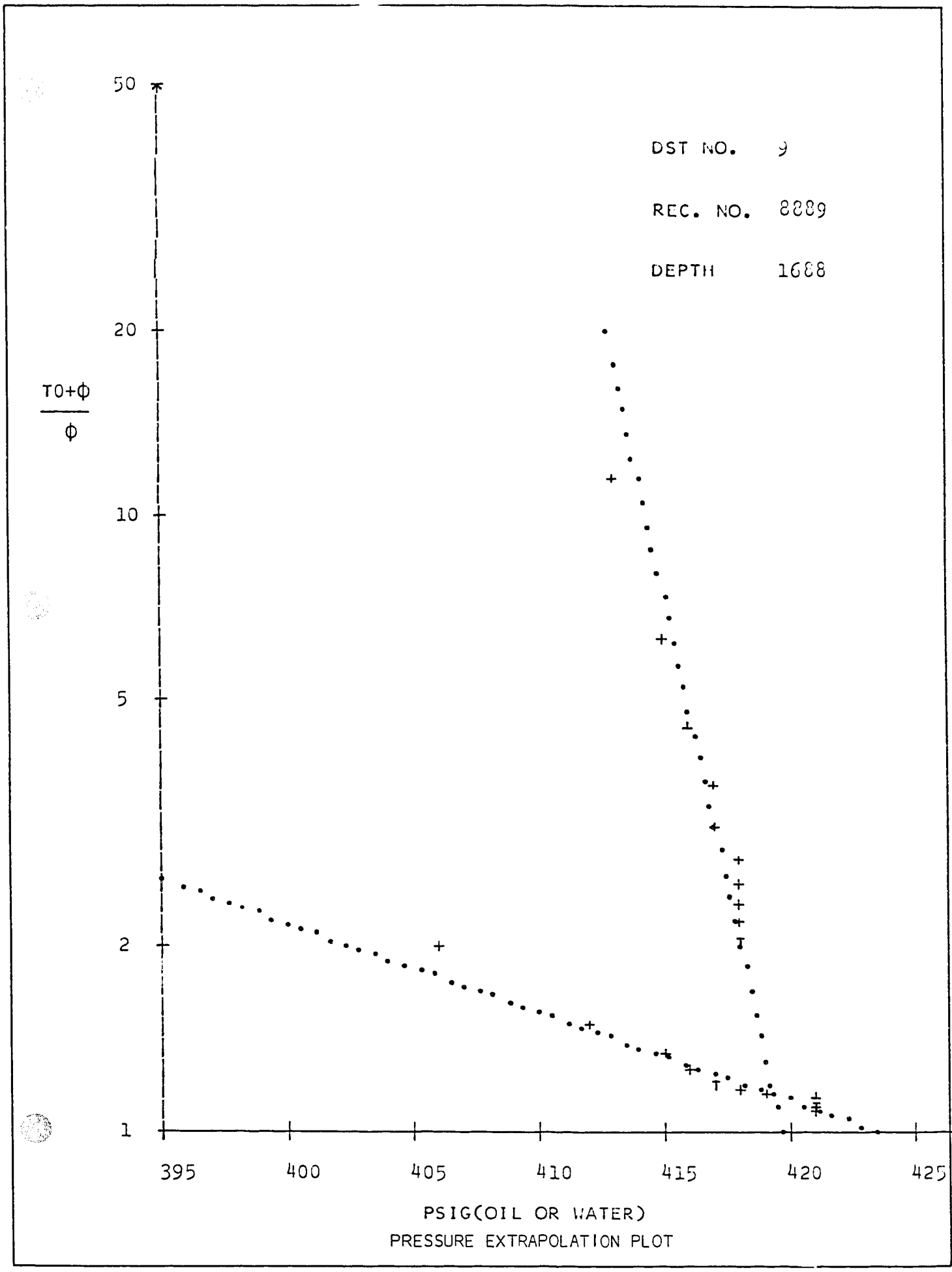
SECOND SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG
0	0.0000	405
9	11.5556	413
18	6.2778	415
27	4.5185	416
36	3.6389	417
45	3.1111	417
54	2.7593	418
63	2.5079	418
72	2.3194	418
81	2.1728	418
90	2.0556	418

EQU. FITTED LINE IS LOG((TO+Φ)/Φ)= -0.19130 PSIG + 80.27708

EXTRAPOLATION OF SECOND SHUT-IN = 419.64 M= 5.23

LYNES UNITED SERVICES LTD.



LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION	
Test No.	10	Lynes Test	10				
Formation	Bearock	T.D.	10,500	Ft.	Company	Western Decalta Petroleums Ltd.
Interval Tested	1860	Ft. to	1875	Ft.	Address	630 - Sixth Avenue S.W.
Net of Net Pay Tested	15			Ft.		Calgary, Alberta
Type of Test	Inflatable Straddle					
Cushion		Amount		Ft.	Well Name	Decalta et al Dome Keel S.
Started in Hole at	Hrs.	Tool Open at	0005	Hrs.	Well Number	A-28
Pre-Flow	5 Mins.	Initial Shut-in	60	Mins.	K.B. Elevation	1280 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in		Mins.	Area	South Keele Province N.W.T.
Final Flow	90 Mins.	Final Shut-in	90	Mins.	Company Rep.	P. Harman
Remarks:					Tester	M. Housenga
					Contractor	Guthrie McLaren Rig No. 2
					Ticket No.	5053 Date May 11/72
Blow:	Good initial puff. Same on valve				Service Reports To:	
	open slightly decreasing after					5 - above address
	25 minutes to very weak after					
	90 minutes.					

GAS BLOW MEASUREMENTS			
Measured with	no gas to surface.		
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA			
Mud Type	Gel Base		
Weight	11	Viscosity 365	Water Loss 10.1
Filter Cake	2/32"	Bottom Hole Temperature	
Drill Pipe Size	4 1/2" FH	Weight	16.6
Drill Collars	4 1/2H90	I.D. 2 1/4"	Feet Run 218.11
M. in Hole or Casing Size	8 3/4"		
Rathole or Liner Size		No. of Feet	
Bottom Hole Choke Size	1"		
Surface Choke Size			
Packer Rubber Size	7 5/8 x 66"		

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

RECOVERY	
TOTAL FLUID RECOVERED	720 Ft. Consisting of:
720 Ft. of	slightly sulphurous water
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	was not
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___
	Recorder No. 8894	Recorder No. 8889	Recorder No. 2232	Recorder No.
	Capacity 3000	Capacity 3000	Capacity 8450	Capacity
	Depth 1865	Depth 1865	Depth 1885	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	1154	1149		
2 - PRE-FLOW	132	132	missing	
3 - INITIAL SHUT-IN	509	503		
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	140	140		
6 - FINAL FLOW	362	360		
7 - FINAL SHUT-IN	501	495		
8 - FINAL HYDROSTATIC	1111	1104		

Company: Western Decalta Petroleums Ltd.

Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #10

Date of Test: May 18/72

LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKEEL S

LOCATION - A-28

DST NUMBER - 10

INTERVAL TESTED - 1860 TO 1875

RECORDER NO. - 8889

DEPTH - 1865

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	132
5	2.0000	485
10	1.5000	493
15	1.3333	495
20	1.2500	498
25	1.2000	499
30	1.1667	500
35	1.1429	501
40	1.1250	501
45	1.1111	501
50	1.1000	502
55	1.0909	503
60	1.0833	503

EXTRAPOLATION OF INITIAL SHUT-IN = 505.69

LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKEEL S

LOCATION - A-28

DST NUMBER - 10

INTERVAL TESTED - 1860 TO 1875

RECORDER NO. - 8889

DEPTH - 186[illegible]

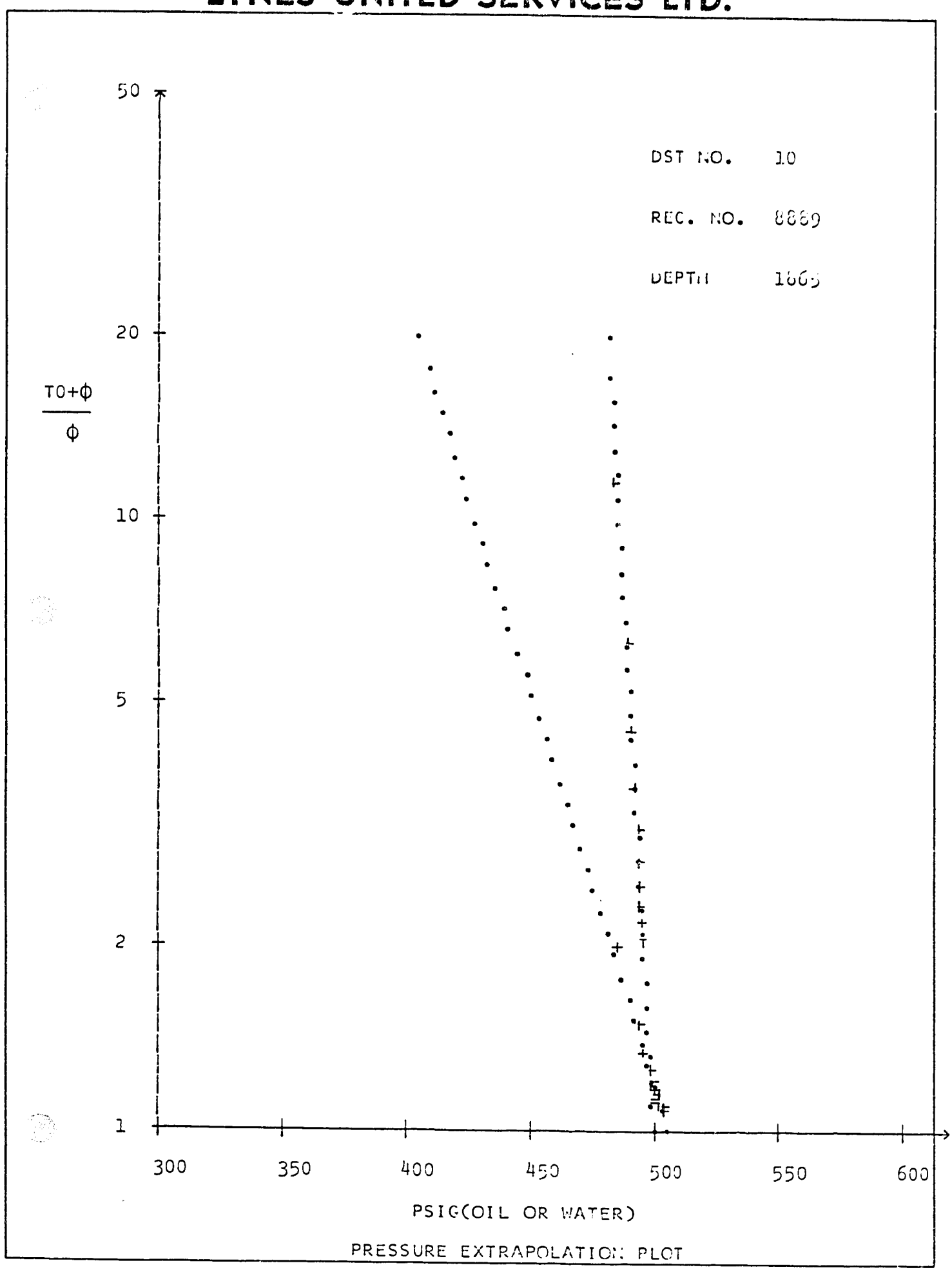
SECOND SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG
0	0.0000	360
9	11.5556	484
18	6.2778	489
27	4.5185	490
[illegible]	3.6389	491
45	3.1111	492
54	2.7593	493
63	2.5079	494
72	2.3194	494
81	2.1728	495
90	2.0556	495

EQU. FITTED LINE IS LOG((TO+Φ)/Φ)= -0.07073 PSIG + 35.32231

EXTRAPOLATION OF SECOND SHUT-IN = 499.42 M= 14.14

LYNES UNITED SERVICES LTD.



PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA — Test No. 11 — Lynes Test 11

Formation	Bearock	T.D. 10,500	Ft.
Interval Tested	1644 Ft. to	1659	Ft.
Net Pay Tested	15		Ft.
Type of Test	Inflatable Straddle		
Cushion	Amount		Ft.
Started in Hole at	Hrs.	Tool Open at 0635	Hrs.
Pre-Flow	5 Mins.	Initial Shut-in 60	Mins.
2nd Flow	Mins.	Second Shut-in	Mins
Final Flow	75 Mins.	Final Shut-in 75	Mins.

Remarks:

Blow: Weak initial puff on preflow. Same on valve open decreasing gradually throughout the test.

GENERAL INFORMATION

Company	Western Decalta Petroleums Ltd.
Address	630 - Sixth Avenue S.W. Calgary, Alberta
Well Name	Decalta et al Dome Keel S.
Well Number	A-28
K.B. Elevation	1280 Sub-Sea Elevation
Area	South Keele Province N.W.T
Company Rep.	P. Harman
Tester	M. Housenga
Contractor	Guthrie McLaren Rig No. 2
Ticket No.	5054 Date May 18/72
Service Reports To:	5 - above address

GAS BLOW MEASUREMENTS

Measured with no gas to surface.

Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA

Mud Type	Gel Base
Weight	11 Viscosity 365 Water Loss 10.1
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	4 1/2" FH Weight 16.6
Drill Collars	4 1/2H90 I.D. 2 1/4" Feet Run 218.11
Main Hole or Casing Size	8 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	7 5/8 x 66"

REMARKS Shut-in pressures suggest average permeability within the interval tested.

RECOVERY

TOTAL FLUID RECOVERED 218 Ft. Consisting of:

218 Ft. of dead muddy water

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated was not

Oil Recovery A.P.I. Water Specific Gravity

Salinity

PRESSURE READINGS

	Inside / Outside ×	Inside / Outside ×	Inside / Outside ×	Inside / Outside
Recorder No.	8894	8889	2232	
Capacity	3000	3000	8450	
Depth	1649	1649	1669	
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	1024	1015		
2 - PRE-FLOW	53	58		
3 - INITIAL SHUT-IN	396	392		
4a - 2nd INITIAL FLOW			missing	
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	60	63		
6 - FINAL FLOW	135	136		
7 - FINAL SHUT-IN	379	376		
8 - FINAL HYDROSTATIC	974	966		

Company: Western Decalta Petroleums Ltd.

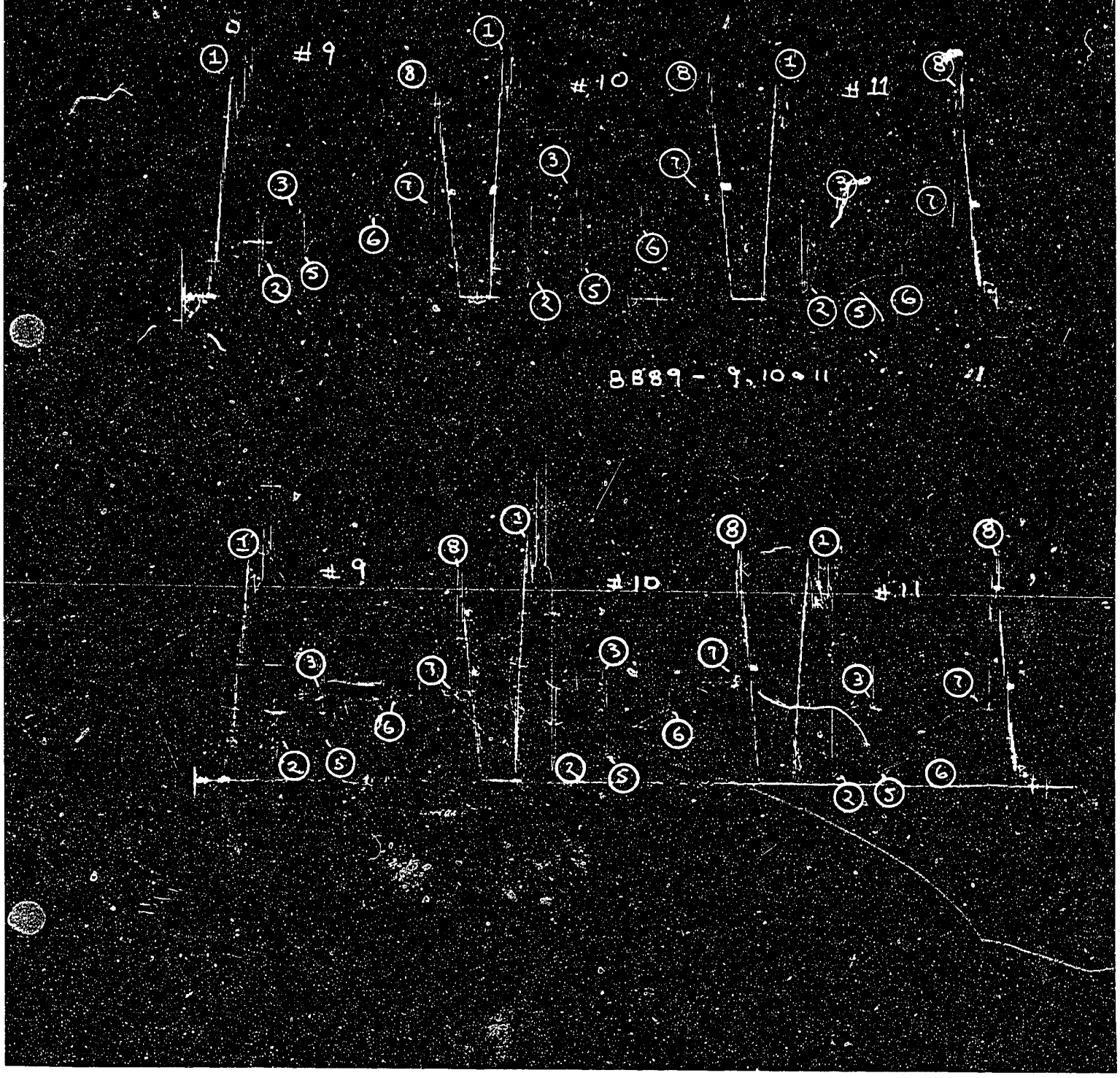
Well Name and Description: Decalta et al Dome Keel S. A-28

Test No.: #11

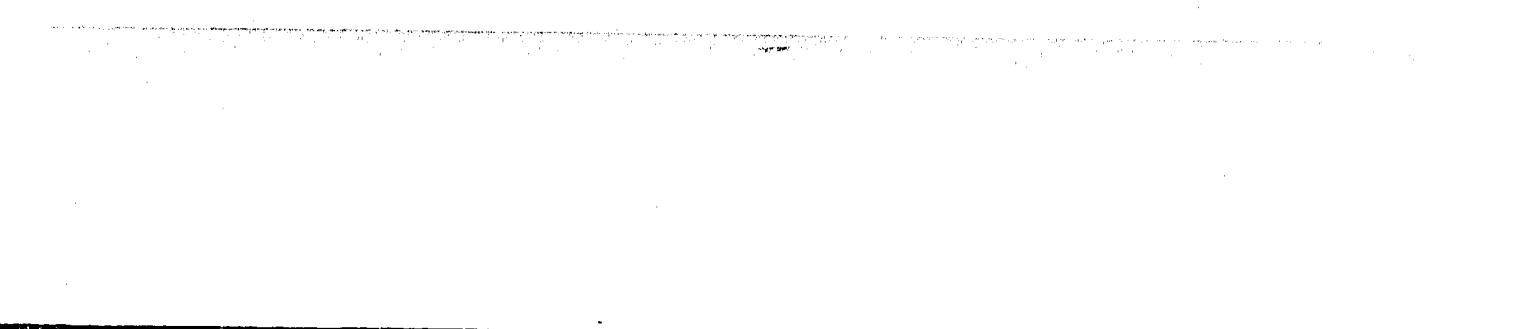
Date of Test: May 18/72

8894 - 9, 10 & 11

DECALTA et al DOME KEELS A.28



8889 - 9, 10 & 11



LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKEEL S

LOCATION - A-28

DST NUMBER - 11

INTERVAL TESTED - 1644 TO 1659

RECORDER NO. - 8889

DEPTH - 1649

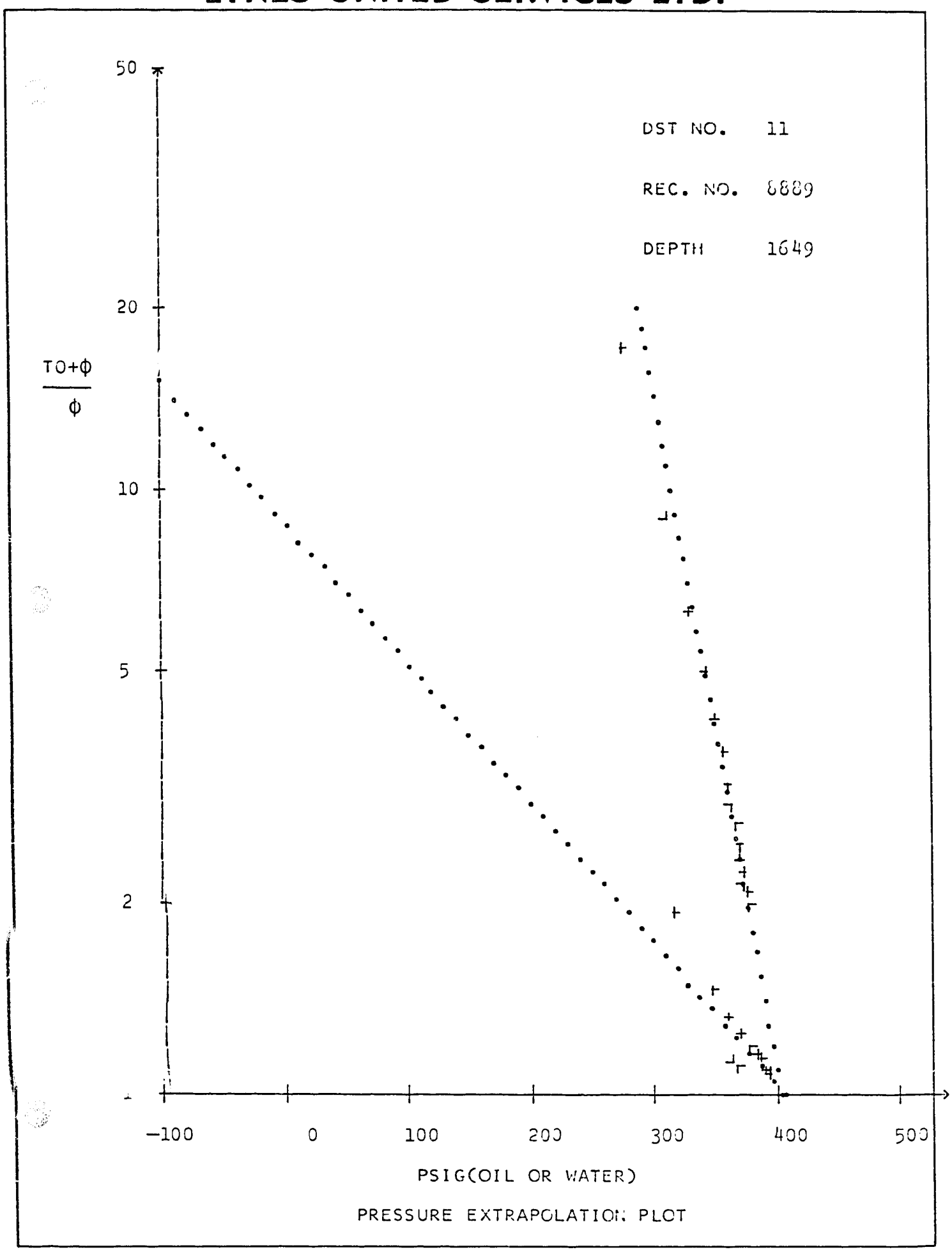
SECOND SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	136
5	17.0000	278
10	9.0000	313
15	6.3333	330
20	5.0000	343
25	4.2000	350
30	3.6667	356
35	3.2857	360
40	3.0000	364
45	2.7778	366
50	2.6000	369
55	2.4545	371
60	2.3333	373
65	2.2308	374
70	2.1429	375
75	2.0667	376

EQU. FITTED LINE IS LOG((TO+Φ)/Φ)= -0.01161 PSIG + 4.68188

EXTRAPOLATION OF SECOND SHUT-IN = 403.15 M= 86.11

LYNES UNITED SERVICES LTD.



PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

WELL NAME - DECALTA ET AL DOMEKFEL S

LOCATION - A-28

DST NUMBER - 11

INTERVAL TESTED - 1644 TO 1659

RECORDER NO. - 8889

DEPTH - 1649

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	58
5	2.0000	316
10	1.5000	347
15	1.3333	361
20	1.2500	371
25	1.2000	377
30	1.1667	382
35	1.1429	385
40	1.1250	364
45	1.1111	366
50	1.1000	390
55	1.0909	392
60	1.0833	392

EXTRAPOLATION OF INITIAL SHUT-IN = 406.94

FLUID ANALYSES

FOR

WESTERN DECALTA PETROLEUM LIMITED

DECALTA ET AL DOME KEELE S. A–28
KEELE SOUTH AREA
NORTHWEST TERRITORIES

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY - EDMONTON - REGINA

CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company: Western Decalta Petroleum Limited — Page: 1 of 10

Well: Decalta et al Dome Keele S. A-28 — File: 921-2536

Field: Keele South Area, Northwest Territories — Analyst: RT

Location: 64 07'03.00 N.L. 125 04'10.00 W.L. — Elevation: K.B. _____ Grd. 1266'

Formation: _____ — Depth: 9460' - 9558', 9563' - 9611' KB

Sampled from: DST #6 — by: P. G. Harmon

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

Date sampled: May 15-16/72 — Date received: May 23/72 — Date analysed: June 21/72

Container pressure: _____ — Mud: _____ — Water cushion: _____

Recovery or flowrate: 3000' Liquid (2950' Water Cushion, 50' Mud).

No analysis. Sample was all mud.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JUN 26 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company: Western Decalta Petroleum Limited — Page: 2 of 10

Well: Decalta et al Dome Keele S. A-28 — File: 921-2536

Field: Keele South Area, Northwest Territories — Analyst: LK

Location: 64 07'03.00 N.L. 125 04'10.00 W.L. — Elevation: K.B. _____ Grd. 1266'

Formation: _____ — Depth: 9460' - 9558', 9563' - 9611' KB

Sampled from: DST #6 — by: P. G. Harmon

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

Date sampled: May 15-16/72 — Date received: May 23/72 — Date analysed: June 21/72

Container pressure: _____ — Mud: _____ — Water cushion: _____

Recovery or flowrate: 3000' Liquid (2950' Water Cushion, 50' Mud).

Mud Filtrate Analysis

Resistivity	0.445 Ohm-meters @ 68°F
Chloride	441 mg/liter

CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company: Western Decalta Petroleum Limited — Page: 3 of 10

Well: Decalta et al Dome Keele S. A-28 — File: 921-2536

Field: Keele South Area, Northwest Territories — Analyst: RT

Location: 64 07'03.00 N.L. 125 04'10.00 W.L. — Elevation: K.B. _____ Grd. 1266'

Formation: _____ — Depth: 1683' - 1698' KB

Sampled from: DST #9 — by: P. G. Harmon

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

Date sampled: May 17/72 — Date received: May 23/72 — Date analysed: June 21/72

Container pressure: _____ — Mud: _____ — Water cushion: _____

Recovery or flowrate: 870' Liquid.

Benzene and Toluene Determinations

Sampled From	Benzene (ppm Vol %)	Toluene (ppm Vol %)
90'	Less than 0.05	Less than 0.05
870' Above Tool	Less than 0.05	Less than 0.05

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 921-2536 Page 4 of 10

Company Western Decalta Petroleum Limited

Well Decalta et al Dome Keele S. A-28 K.B. ____ Grd. 1266'

Location 64 07'03.00 N.L. 125 04'10.00 W.L. Field Keele South Area Province N.W.T.

Formation ____ Interval 1683' - 1698'KB

Sampled from DST #9 (90') by P. G. Harmon

Date sampled May 17/72 Date analysed June 21/72 Analyst LK

Recovery 870' Liquid.

____ Mud type ____ Water cushion ____

Resistivity 3.01 Ohm-meters @ 70 °F

Specific gravity 1.0030 @ 60°F

pH 8.1 H_2S Absent

Refractive Index 1.3335 @ 72°F

Total Solids:

Calculated 2,934 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
844	45	3	Pres.	Abs.	-	-	125	976	941	Nil	Nil

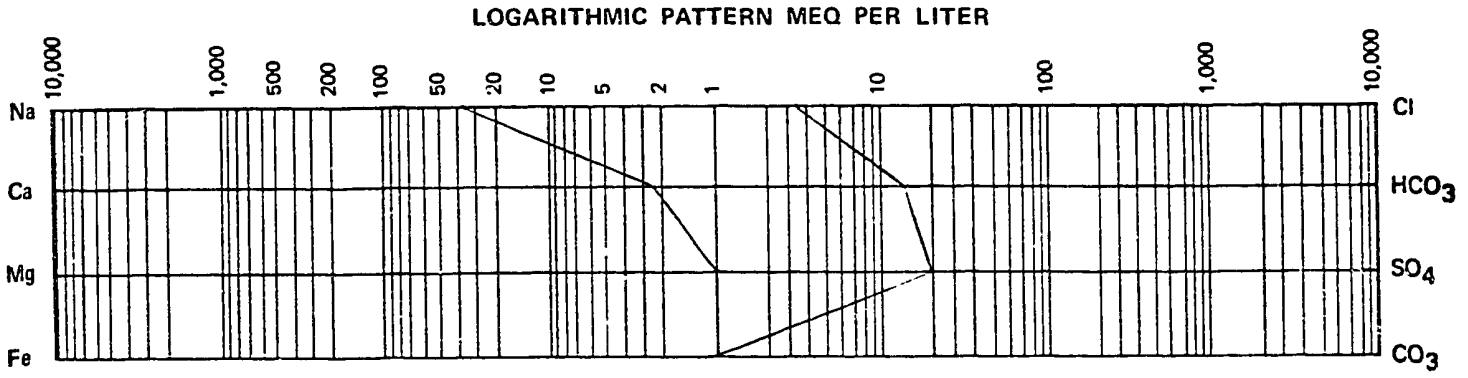
PER CENT CALCULATED SOLIDS

28.8	1.5	.1	Pres.	Abs.	-	-	4.3	33.3	32.1	.0	.0

MEQ PER LITER

36.7	2.2	.2	Pres.	Abs.	-	-	3.5	16.0	19.6	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



1753. 844.0

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 921-2536 Page 5 of 10

Company Western Decalta Petroleum Limited

Well Decalta et al Dome Keele S. A-28 K.B. _____ Grd. 1266'

Location 64 07'03.00 N.L. 125 04'10.00 W.L. Field Keele South Area Province N.W.T.

Formation _____ Interval 1683' - 1690' KB

Sampled from DST #9 (Top Sample - 870' Above Tool) by P. G. Harmon

Date sampled May 17/72 Date analysed June 21/72 Analyst LK

Recovery 870' Liquid.

_____ Mud type _____ Water cushion _____

Resistivity	0.53	Ohm-meters @ 69 °F	Total Solids: Calculated	21,686	mg/liter
Specific gravity	1.0169	@ 60°F	By evaporation @ 110°C	-	mg/liter
pH	8.2	H_2S Absent	By evaporation @ 180°C	-	mg/liter
Refractive Index	1.3360 @ 73°F		At ignition	-	mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
6176	625	37	Pres.	Abs.	-	-	221	1757	12870	Nil	Nil

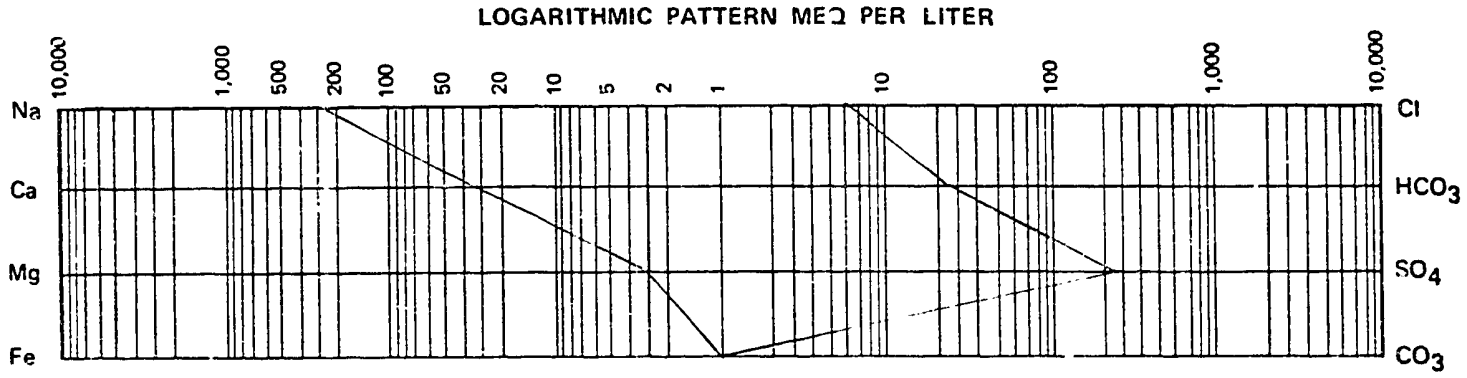
PER CENT CALCULATED SOLIDS

28.5	2.9	.2	Pres.	Abs.	-	-	1.0	8.1	59.3	.0	.0

MEQ PER LITER

268.5	31.2	3.0	Pres.	Abs.	-	-	6.2	28.8	267.7	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



13974. 6176.0

CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Company: Western Decalta Petroleum Limited — Page: 6 of 10
Well: Decalta et al Dome Keele S. A-28 — File: 921-2536
Field: Keele South Area, Northwest Territories — Analyst: RT
Location: 64 07'03.00 N.L. 125 04'10.00 W.L. — Elevation: K.B. ____ Grd. 1266'
Formation: ____ Depth: 1860' - 1875'
Sampled from: DST #10 — by: P. G. Harmon
Sampling pressure: ____ psig — Sampling temp.: ____ °F — Ambient temp.: ____ °F
Date sampled: May 17/72 — Date received: June 2/72 — Date analysed: June 21/72
Container pressure: ____ — Mud: ____ — Water cushion: ____
Recovery or flowrate: 720' Liquid.

Benzene and Toluene Determinations

Sampled From	Benzene (ppm Vol %)	Toluene (ppm Vol %)
0'	Less than 0.05	Less than 0.05
90'	Less than 0.05	Less than 0.05

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 921-2536 Page 7 of 10

Company: Western Decalta Petroleum Limited

Well: Decalta et al Dome Keele S. A-28 K.B. _____ Grd. 1266'

Location: 64 07'03.00 N.L. 125 04'10.00 W.L. Field: Keele South Area Province: N.W.T.

Formation _____ Interval 1860' - 1875'

Sampled from DST #10 (0') by P. G. Harmon

Date sampled May 17/72 Date analysed June 21/72 Analyst ML

Recovery 720' Liquid.

_____ Mud type _____ Water cushion _____

Resistivity 0.499 Ohm-meters @ 70 °F

Specific gravity 1.0189 @ 60°F

pH 8.2 H_2S Absent

Refractive Index 1.3365 @ 73°F

Total Solids:

Calculated 21,112 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
5959	666	35	Pres.	Abs.	-	-	258	1654	12540	Nil	Nil

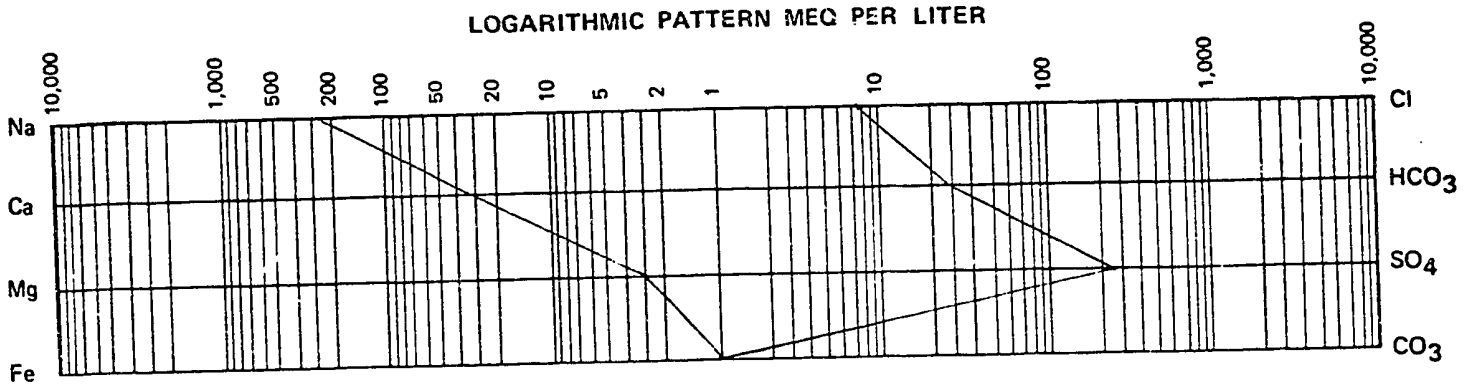
PER CENT CALCULATED SOLIDS

28.2	3.2	.2	Pres.	Abs.	-	-	1.2	7.8	59.4	.0	.0

MEQ PER LITER

259.1	33.2	2.9	Pres.	Abs.	-	-	7.3	27.1	260.8	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



13637. 5959.0

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 921-2536 Page 8 of 10

Company Western Decalta Petroleum Limited

Well Decalta et al Dome Keele S. A-28 K.B. — Grd. 1266'

Location 64 07'03.00 N.L. 125 04'10.00 W.L. Field Keele South Area Province N.W.T.

Formation — Interval 1860' - 1875'

Sampled from DST #10 (90') by P. G. Harmon

Date sampled May 17/72 Date analysed June 21/72 Analyst LK

Recovery 720' Liquid.

— Mud type — Water cushion —

Resistivity 2.64 Ohm-meters @ 69 °F

Specific gravity 1.0040 @ 60°F

pH 8.1 H_2S Absent

Refractive Index 1.3335 @ 72°F

Total Solids:

Calculated 3,482 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
929	72	24	Pres.	Abs.	-	-	147	1386	924	Nil	Nil

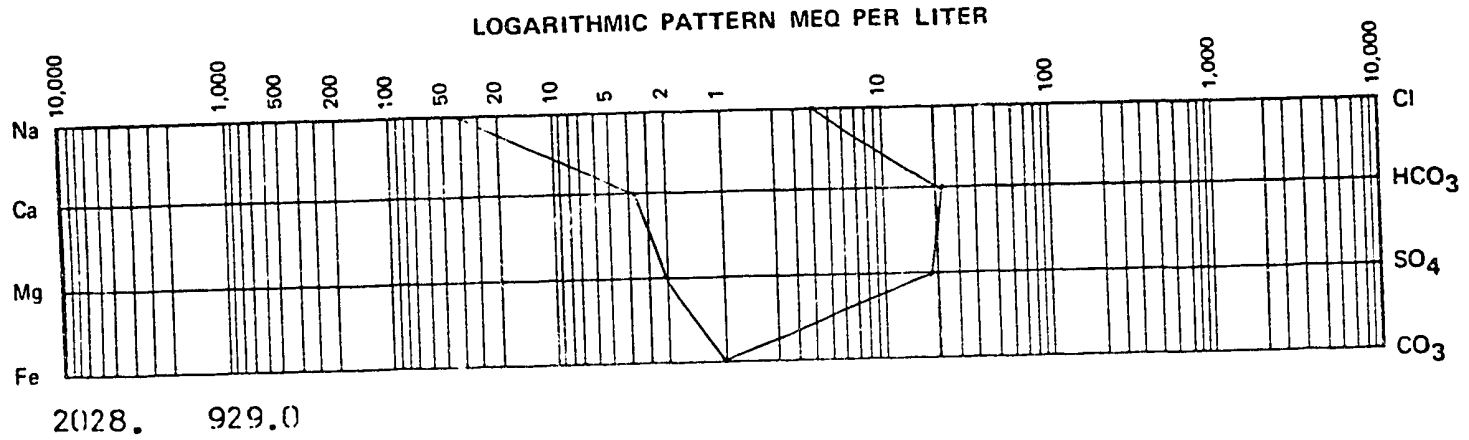
PER CENT CALCULATED SOLIDS

26.7	2.1	.7	Pres.	Abs.	-	-	4.2	39.8	26.5	.0	.0

MEQ PER LITER

40.4	3.6	2.0	Pres.	Abs.	-	-	4.1	22.7	19.2	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



2028. 929.0

CORE LABORATORIES – CANADA LTD
PETROLEUM RESERVOIR ENGINEERING

Company Western Decalta Petroleum Limited — Page 9 of 10

Well Decalta et al Dome Keele S. A-28 — File 921-2536

Field Keele South Area, Northwest Territories — Analyst RT

Location 64 07'03.00 N.L. 125 04'10.00 W.L. — Elevation: K.B. _____ Grd. 1266'

Formation _____ — Depth 1644' - 1659'

Sampled from DST #11 — by P. G. Harmon

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

Date sampled May 17/72 — Date received June 2/72 — Date analysed June 21/72

Container pressure _____ — Mud _____ — Water cushion _____

Recovery or flowrate: _____

Benzene and Toluene Determinations

Benzene = Less than 0.05 ppm Vol %

Toluene = Less than 0.05 ppm Vol %

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

Company Western Decalta Petroleum Limited

Well Decalta et al Dome Keele S. A-28 K.B. ____ Grd. 1266'

Location 64 07'03.00 N.L. 125 04'10.00 W.L. Field Keele South Area Province N.W.T.

Formation ____ Interval 1644' - 1658'

Sampled from DST #11 by P. G. Harmon

Date sampled May 17/72 Date analysed June 21/72 Analyst ML

Recovery ____

____ Mud type ____ Water cushion ____

Resistivity 0.78 Ohm-meters @ 70 °F

Specific gravity 1.0110 @ 60°F

pH 7.7 H_2S Absent

Refractive Index 1.3349 @ 73°F

Total Solids:

Calculated 12,274 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
3402	401	32	Pres.	-	-	-	221	1508	6710	Nil	Nil

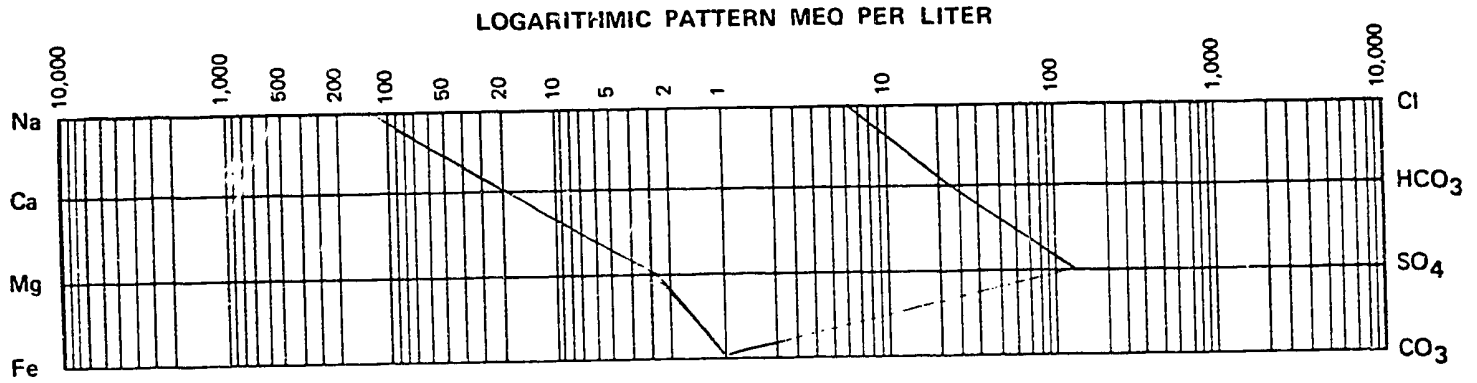
PER CENT CALCULATED SOLIDS

27.7	3.3	.3	Pres.	-	-	-	1.8	12.3	54.7	.0	.0

MEQ PER LITER

147.9	20.0	2.6	Pres.	-	-	-	6.2	24.7	139.6	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



7830. 3402.0

No. 4480

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well. Name: DECALTA GAS COMP

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

Date: MAY 24 1972

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

OPERATOR

Rig No. DWKS | Drill Pipe String No. | Site | Tool Joint Type Thd. | O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

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.

DEPARTMENT OF MINES AND NATURAL RESOURCES CONSERVATION DEPARTMENT MAY 29 1972 CALGARY, ALBERTA

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	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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
								WAIT ON HELICOPTER (WEATHER CLOSED IN (SNOW))

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	

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

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

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

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		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	

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

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

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

No. 4479

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DEALTA GTAL KELLY

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

Date: MAY 23 1972

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

OPERATOR

Rig No.: DWKS

Drill Pipe String No.	Size	Tool Joint Type Thd.	O.D.

PUMPS

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

LAST CASING TUBING OR LINER

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

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Lebsack

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.

DEPARTMENT OF MINES AND NATURAL RESOURCES — CONSERVATION ENGINEER — DEVELOPMENT BRANCH — YELLOWKNIFE, N.W.T. — MAY 25 1972

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	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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
								WAIT ON HELICOPTER WEATHER CLOSED IN (SNOW)

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	

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

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

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

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		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	

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

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

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

No. 4478

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA GTAC Dome S ACCLE RIVER

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

Date: MAY 22 1972

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

OPERATOR

Rig No. DWKS

Drill Pipe String No.	Size	Tool Joint Type Thd.	O.D.

PUMPS

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

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Schonk

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.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
NORTHERN ENGINEERING BRANCH
RECEIVED
MAY 29 1972
ATTORNEY GENERAL

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.			
			Nozzle No.		FL TR. CK.			
			Nozzle Size		PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.			
Pipe on Racks		Jts.	Trucker					
Total Pipe on Lease		Jts.	Trucker					
			Trucker		Driller			

FOOTAGE From	To	Ftge.	DR-D 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
								WAIT ON HELICOPTER WEATHER CLOSED IN

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.			
			Nozzle No.		FL TR. CK.			
			Nozzle Size		PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.			
Pipe on Racks		Jts.	Trucker					
Total Pipe on Lease		Jts.	Trucker					
			Trucker		Driller			

FOOTAGE From	To	Ftge.	DR-D 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

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.			
			Nozzle No.		FL TR. CK.			
			Nozzle Size		PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.			
Pipe on Racks		Jts.	Trucker					
Total Pipe on Lease		Jts.	Trucker					
			Trucker		Driller			

FOOTAGE From	To	Ftge.	DR-D 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

No. 4477

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta, Et Al Dome 5-Keele A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: May 21 1972

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

OPERATOR: Western Decalta

Rig No. 2 DWKS 711

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.			
2.			
3			

LAST CASING TUBING OR LINER

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

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Lelonk

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down	8		
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		

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.

DEPARTMENT OF MINES AND PETROLEUM RESOURCES — DEPUTY DIRECTOR — MAY 29 1972 — SERVICE

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: R. Rutherford	

FOOTAGE: From / To / Ftge. | DR-D 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

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						Tear Out

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	

FOOTAGE: From / To / Ftge. | DR-D 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

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

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. & 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	

FOOTAGE: From / To / Ftge. | DR-D 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

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

No. 4476

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S-Keele A-28

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

Date: May 20 19 72

Weather Condition: Cloudy Road Conditions: Nearest Town: Normon Wells Water - Source: Miles Hauled: ____ Pumped: ____ Camp Distance from Rig: Reason for Extra L. Plant:

OPERATOR: Western Decalta

Rig No. 3 DWKS 7-11

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: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

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.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — NORTHERN DEVELOPMENT BRANCH — YELLOWKNIFE, N.W.T. — MAY 29 1972

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	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 L Rutherford																	

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	3.45	3 3/4						W.O.C.
3.45	4.15	1/2						Run in + Feel Plug # 4 @ 980.
4.15	9.00	3 3/4						Lay Down Pipe + Tear Out
								Ran 10 sk plug @ top of casing
								& welded on plate 3' below
								ground level w/ sign marker
								w/ well name & location

DAY TOUR

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

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							Tear out.

EVENING TOUR

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

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							Tear out.

No. 7825

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S-Keele A-28

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

Date: May 19 1922

Weather Condition: SUNNY | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: Pit | Miles Hauled: ____ | Pumped: ____ | Camp Distance from Rig: 150x85 | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 | DWKS 7-11 | 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: O.R. Blank

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 T55	32	1027	1300	1026	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning & Circulating			¼
Trips	½	¾	1
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing		1	¾
Waiting on Cement	7½	5	6¼
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		BIT RECORD		MUD RECORD				
	Stands D.P.	Ft.	Bit No.		Time				
	Singles D.P.	Ft.	Size		Weight				
	D.C.		Mfg.		Visc.-Sec.				
	I.D. O.D.	Ft.	Type		W.L.-C.C.				
	D.C.		Nozzle No.		FL TR. CK.				
	I.D. O.D.	Ft.	Nozzle Size		PH				
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %				
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient				
	Rmr. Body O.D.	Ft.	Depth In						
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added				
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.	
	Kelly Down	Ft.	Cond. of Bit						
	Total	Ft.	Reamer No.						
Wt. of String		Lbs.	Reamer Type						
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.				
Pipe on Racks		Jts.	Trucker						
Total Pipe on Lease		Jts.	Trucker						
			Trucker						

Driller: R. Rutherford

DAY TOUR

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

Driller: L. Blakley

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				
	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:

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
12:00	12:15	¼						Pull out of Plug #2
12:15	7:45	7½						W.O.C.
7:45	8:00	¼						Run in To Feel Plug #2

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						Run in & Feel Plug #2 Plug @ 8397
8:15	9:15	1						Pull out to 2000' to run #3 plug.
9:15	9:30	¼						Break circ
9:30	10:30	1						Run #3 plug & displace.
10:30	11:00	½						Pull out of Plug #3
11:00	4:00	5						W.O.C.
								RAN PLUG #3 @ 2000 - 1600 WITH 287 SACKS CEMENT + 2% ba bla. PLUG DOWN @ 10.30 AM.

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
4:00	6:30	2½						W.O.C.
6:30	7:00	½						Run in feel plug #3 @ 1635'
7:00	7:15	¼						Pull up to 1030' to run plug #4
7:15	8:00	¾						Run plug #4 & displace.
8:00	8:15	¼						Pull out of plug #4
8:15	12:00	3¾						W.O.C.
								RAN PLUG #4 1070-970 WITH 61 SACKS CEMENT + 2% ba bla. PLUG DOWN @ 8:00 PM.

No. 7824

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome S-Keele A-28

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

Date: May 18 1972

Weather Condition: Sunny | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: Pit | Miles Hauled ___ Pumped ✓ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No.: 2 DWKS 7-11

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: D B Blake

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap	36K55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tot Test ~~Test Down~~	1/4		
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			2 1/4
Trips	1 3/4	1 3/4	3 3/4
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Lay down collars ~~Rig~~		2	
Serv. tool ~~Comm~~ & lay down		2	
Wire Line Logging			
~~Running Casing~~ & Cementing			2
Waiting on Cement			
Drill Stem Test	6	2 1/4	
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. 5

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

Cumulative Rotating Hrs.

EXAMINER, N.E. OIL & GAS CONSERVATION ENGINEER
DEVELOPMENT
NORTHERN OIL DEVELOPMENT BRANCH
YELLOWKNIFE, N.W.T.
MAY 29 1972

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			
	Total	Ft.	Cond. of Bit			
Wt. of String		Lbs.	Reamer No.			
Pipe in Hole		Jts.	Reamer Type			
Pipe on Racks		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker			
			Trucker			
			Trucker		Driller R. Rutherford	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	4:15	4 1/4						Testing
4:15	5:15	1						Pull out To drain Pipe
5:15	6:00	3/4						Run in To 1650 To Test
6:00	6:15	1/4						Rig To Test
6:15	8:00	1 3/4						Testing

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			
	Total	Ft.	Cond. of Bit			
Wt. of String		Lbs.	Reamer No.			
Pipe in Hole		Jts.	Reamer Type			
Pipe on Racks		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker			
			Trucker			
			Trucker		Driller S. Blakley	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	10:15	2 1/4						Testing
10:15	11:00	3/4						Pull out to lay down tool.
11:00	1:00	2						Serv. tool & lay down.
1:00	1:30	1/2						Run in collars
1:30	3:30	2						Lay down collars.
3:30	4:00	1/2						Run in pipe to run cement plug.
								Plug # 1 10500 - 10400 Cement with
								55 sacks cement Plug Down @ 9:30 PM.

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			
	Total	Ft.	Cond. of Bit			
Wt. of String		Lbs.	Reamer No.			
Pipe in Hole		Jts.	Reamer Type			
Pipe on Racks		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker			
			Trucker			
			Trucker		Driller	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2 1/2						Run in to bottom to run plugs
6:30	8:30	2						Break circ. & circ. prior to pumping plu
8:30	9:30	1						Run Plug # 1 From 10500 To 10400
9:30	10:30	1						Pull out of Plug # 1 & Pull up To
								8500 To Run Plug # 2
10:30	10:45	1/4						Break Circ
10:45	11:45	1						Run Plug # 2 & Displace
11:45	12:00	1/4						Pull out of Plug # 2
								Plug # 2 8500 - 8400. Cement with
								58 sacks Cement. Plug Down 12:45 PM

No. 7823

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome 5-Kode A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: May 17 1972
Weather Condition: Cloudy +30°
Road Conditions: Poor
Nearest Town: Norman Wells
Water - Source: Pit — Miles Hauled ___ Pumped ___
Camp Distance from Rig: 150 yds. Reason for Extra C. Plant: Space

OPERATOR: Western Decalta

Rig No. 2 — DWKB 741

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: O.R. Blake

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝	Sap	36 K55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips	4	4½	2¼
Lubricate Rig			
~~Serv. Tool~~ Deviation Survey		2	1/2
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
~~Run Water~~ Casing Cushion	1¼		
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		1½	5 1/4
~~Other~~ Make up Test Tool	2¾		
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8.	8	8.

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1772
Feet Cut Off	1772
Present Length	
Ton Mi. or Trips Since Last Cut	241
Cumulative Ton Mi. or Trips	10856
No. of Days From Spud	95
Cumulative Rotating Hrs.	1215 1/4

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION BRANCH — YELLOWKNIFE, N.W.T. — RECEIVED MAY 29 1972 — NORTHERN ECONOMIC DEVELOPMENT BRANCH

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.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	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 R. Rutherford	

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.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	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 L. B. Blakley	

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.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	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	

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
12.00	1.00	1						Pull out To Test
1.00	3.45	2¾						Make up Test tool - Rig Service
3.45	4.45	1						Run in ~~To~~ With Test Show Measure in
~~4.45~~								~~Run~~ To 2300
4:45	6.00	1¼						Run Water Cushion + Slip 49' + Cut
6.00	8.00	2						99' Drlg Line
								Run in Show To Test Measure

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	8.30	½						Run in to test ? measure in
8.30	10:00	1½						Testing ; misrun. Rig service
10:00	2:00	4						Hoist testing tool.
2:00	4:00	2						Service tool

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
4:00	4:30	½						Service tool ; Rig Serv.
4:30	5:15	¾						Run in to test @ 1700'
5:15	10:00	4¾						Testing.
10:00	11:00	1						Pull out To drain Fluid.
11:00	11:30	½						Run in To 1850' To Test
11:30	11:45	¼						Rig To test
11:45	12:00	¼						Testing

No. 7822

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome S-Keele A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: May 16 1972

Weather Condition: SNOWING | Road Conditions: Poor | Nearest Town: Nanton Wells | Water - Source: PIT | Miles Hauled ____ Pumped ____ | Camp Distance from Rig 1500 yds. | Reason for Extra L. Plant Spare

OPERATOR: Western Decalta

Rig No. 2 | DWKS 7-11 | 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: O.R. Blank

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Idesco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating		1	4½
Trips	5	4	3½
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Lay down testing tool		1½	
Wire Line Logging			
Running Casing & Cementing			
Waiting on orders		1½	
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing	3		
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.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	1723
Feet Cut Off	1674
Present Length	
Ton Mi. or Trips Since Last Cut	450
Cumulative Ton Mi. or Trips	10,615
No. of Days From Spud	94
Cumulative Rotating Hrs.	1215 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	Ft.
	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 Leave		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. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	3.00	3						Testing
3.00	8.00	5						Pull out Test Slow.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	Ft.
	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: L. Blakley

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1						Pull out test slow.
9:00	10:30	1½						L.D.O. & serv. testing tool.
10:30	12:00	1½						Lay down testing tool
12:00	3:00	3						Run in to clean hole for testing
3:00	4:00	1						Break circ. & circ. @ 8900'. Mud was very heavy & thick
								[redacted] @ 5262' & 6196'

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
108	Stands D.P.		Ft.
2	Singles D.P.	10,178.98	Ft.
10	D.C. 2¼ 6¼ I.D. O.D.	308.36	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.
1	Bit sub or C.B.	2.23	Ft.
	Kelly Down	10.43	Ft.
	Total	10,500.00	Ft.
Wt. of String		196,000	Lbs.
Pipe in Hole		326	Jts.
Pipe on Racks		29	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No. | Size 8 3/4 | Mfg. Sec. | Type M44 | Nozzle No. open | 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	5-30	6.30	8.30
Weight	11.2		11.0
Visc.-Sec.	500+	180	365
W.L.-C.C.	[redacted]	10.1	
FL TR. CK.	2/32		
PH	8.5		
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	4:15	¼						Circ.
4:15	4:45	½						Run in to bottom : 2' of fill.
4:45	9:00	4¼						Circ to clean the hole & condition mud
9:00	12:00	#3						Pull out to Test

No. 7821

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome 5-Keele A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: May 15 1972

Weather: Snowing | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: Pit | Miles Hauled: ____ Pumped: ____ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Stand

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lokken

Rig No. 2 | DWKS 7-11

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.	Ideco	6200	16"
2.	WSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 K 55	32	1022	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Running Run water cushion		1	
Conditioning Mud & Circulating	1¼		
Trips	3¼	4½	1¼
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Pick up + make up test tool		2½	
Coring			
Wire Line Logging ~~Coring~~			3¾
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Break Circ ~~Other~~ + Clean Fill	3¼		
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing		16	6¾
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. 5
No. of Lines 8 Size 1/16
Feet Slipped 1723
Feet Cut Off 1674
Present Length
Ton Mi. or Trips Since Last Cut 209
Cumulative Ton Mi. or Trips 10,372
No. of Days From Spud 93
Cumulative Rotating Hrs. 1215¼

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
NORTHERN ENGINEERING
MAY 25 1972

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	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	4⁰⁰	6³⁰
Weight	10.4+	10.4
Visc.-Sec.	50⁰	38⁰
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Imical	100 lbs		

Driller R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	1.00	1						Run in To Clean Out hole For Test
1.00	1.15	1¼						Break Circ @ 9000 FT.
1:15	2:00	3¼						Run in
2:00	2:30	½						Break Circ + Clean 5 FT. Fill To Bottom
2:30	6:30	4						Circ To Condition hole + Mud For Test
6.30	8:00	1½						Pull out To Test

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	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 L. B. Yaklen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2						Pull out to testing 'Key Seat 3880'
10:00	12:30	2½						Pick up test tool + make it up.
12:30	2:00	1½						Run in to 2955' Slow.
2:00	3:00	1						Run water cushion + slip 49' of drlg line
3:00	4:00	1						Run in slow

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	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

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:15	1¼						Run in slow to 9460'
[illegible]	[illegible]	[illegible]						[illegible]
6:15	12.00	6¾						Testing

No. 7820

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome 5-Keele A-28

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

Date: May 14 1972

Weather Condition: SNOWING Road Conditions: Poor Nearest Town: Norman Wells Water - Source: Pit ✓ Miles Hauled ____ Pumped ____ Camp Distance from Rig: 1320yds Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Blank

Rig No. 2 DWKS 7-11

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.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Sap	36 ⅝	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Running Work stuck pipe		1	3/4
Conditioning Mud & Circulating			
Trips	1 3/4	4	2½
Lubricate Rig			
Reaming Deviation Survey			3½
Test B.O.P.			
Cut Off Drilling Line			
Pickup + Make up Repair Rig Test Tool	3 3/4	½	2
Run Water Cushion	1/4	1 3/4	
Wire Line Logging	2		
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Lay Down Log Other equipment	1/4		
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.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	1674
Feet Cut Off	1674
Present Length	
Ton Mi. or Trips Since Last Cut	464
Cumulative Ton Mi. or Trips	10,143
No. of Days From Spud	92
Cumulative Rotating Hrs.	1215 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.		Mfg.		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.		
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker		Driller R Rutherford	

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2						Logging
2:00	2:15	1/4						Lay Down Logging equipment
2:15	6:00	3 3/4						Pick up + Make up Testing Tool
6:00	7:45	1 3/4						Run in Slow To 3000 FT. Measure
7:45	8:00	1/4						Run Water Cushion

DAY TOUR

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

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:45	1 3/4						Run water cushion
9:45	10:45	1						Run in slow to 5080'
10:45	11:30	3/4						Work stuck pipe in bridges @ 5000'
11:30	12:30	1						Pull out slow
12:30	1:30	1						Top stuck pipe loose @ 3882'
1:30	3:30	2						Pull out slow [redacted]
3:30	4:00	½						Lay down testing tools.

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	
	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		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						Lay down testing tools.
6:00	8:00	2						Run in to clean hole.
8:00	11:30	3 ½						Ream Bridge + Work Tight Spots
								From 5332 To 5436
11:30	12:00	½						Run in

No. 7819

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S-Keele A-29

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

Date: May 13 19 22

Weather Condition: SUNNY T36 | Road Conditions: Poor | Nearest Town: Norman Wells | Water — Source: P.L. | Miles Hauled: ____ Pumped: ✓ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Lelark

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2, Size 4½

Tool Joint: 5¾ O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips	2¼		
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging	5¼	8	8
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Rig To Log	1½		
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.	5
No. of Lines	8 Size 1.48
Feet Slipped	1674
Feet Cut Off	1674
Present Length	
Ton Mi. or Trips Since Last Cut	251
Cumulative Ton Mi. or Trips	9930
No. of Days From Spud	91
Cumulative Rotating Hrs.	1215¼

MORNING TOUR

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

BIT RECORD

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

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

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: R Rutherford

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:15	2¼						Pull Out Show To Log
2:15	2:45	½						Rig To Log
2:45	8:00	5¼						Logging

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: L. Blakley

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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						Logging

EVENING TOUR

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

BIT RECORD

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

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

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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						Logging

CONSERVATION ENGINEERS DEPARTMENT NORTHERN ENGINEERING AND SURVEYING YELLOWKNIFE, N.W.T. MAY 23 1972

No. 7818

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Ft Al Dome 5-Keele H-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: May 12 1972

Weather Condition: Cloudy +34 | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: PIT | Miles Hauled ___ | Pumped ✓ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. ___ Size 4½

Tool Joint: Type Thd. F.H. 5 3/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. LeClerk

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap	36 T55	32	1022	13.00	1020	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			1½
Trips	2 1/4	2 1/2	2 3/4
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line		1	
Repair Rig			
Clean out Sand Casing + Circ to Bottom			3/4
Wire Line Logging	5 1/4	4	
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Rig to log	1/2	½	
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additions			
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. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 1674
Feet Cut Off 1674
Present Length
T.n Mi. or Trips Since Last Cut 251
Cumulative Ton Mi. or Trips 9930
No. of Days From Spud 90
Cumulative Rotating Hrs. 1215 1/4

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.	37
Size	~~8¾~~ 8 1/4
Mfg.	Sec
Type	M44
Nozzle No.	Open
Nozzle Size	
Ser. No.	371752
Depth Out	10500
Depth In	10457
Total Ftg.	43
Total Hr. Run	13
Cond. of Bit	1 1 WT
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 Rutherford

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:15	2¼						Measure Out To Log
2:45	2:45	½						Rig Up To Log
2:45	8:00	5 1/4						Logging

BOARD - 9899.17
Tally - 9898.02
DIFF - 1.11 No Corr.

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: L Rutherford

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	12:00	4						Logging
12:00	12:30	½						Lay Down logging tool
12:30	1:30	1						Slip 48' of Drlg line + cut 98' off.
1:30	4:00	2 ½						Run in to clean hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
108	Stands D.P.	Ft.
2	Singles D.P.	10,178.98 Ft.
10	D.C. 2¼ 6 1/4 I.D. O.D.	309.68 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.
1	Bit ~~or C.B.~~	2.23 Ft.
	Kelly Down	9.11 Ft.
	Total	~~10,500.00~~ Ft.

Wt. of String 185,000 Lbs.
Pipe in Hole 326 Jts.
Pipe on Racks 29 Jts.
Totzl Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	37
Size	8¾
Mfg.	Sec
Type	M44
Nozzle No.	open
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	1:00	18:00	
Weight	10.9	10.9	
Visc.-Sec.	500+	340	
W.L.-C.C.			
FL TR. CK.			
PH	8.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super Col - 2000 lbs			
C.M.C.	150 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
								1500	5½	60			

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						Run in: Tagged bridge @ 9082.
4:30	5:00	½						Break Circ. @ 9110' & circ to clean bridg
5:00	5:15	¼						Run in
5:15	5:30	¼						Clean 12' of fill to bottom.
5:30	10:00	4½						Circ. & condition mud to clean the hole for logging.
10:00	12:00	2						Pull out To Log Show.

Bridges @ 8099, 6320 + 5200

No. 7817

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome Steele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: May 11 1972

Weather Condition: T24 Snowing | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: PIT | Miles Hauled: ___ | Pumped: ✓ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Lelak

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4 1/2

Tool Joint: 5 3/4 O.D. | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap	36T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7		
Reaming			
Conditioning Mud & Circulating	1/2	4 1/2	4
Trips	1/4	3 1/4	4
Lubricate Rig	1/4		
Deviation Survey			
Test B.O.P.		1/4	
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1625
Feet Cut Off	1625
Present Length	
Ton. Mi. or Trips Since Last Cut	566
Cumulative Ton Mi. or Trips	9679
No. of Days From Spud	89
Cumulative Rotating Hrs.	1215 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
105	Stands D.P.	Ft.
2	Singles D.P.	9899.13 Ft.
19	D.C. 2 1/4 I.D. 6 1/4 O.D.	586.34 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.
1	Bit or C.B. 5 7/8	2.23 Ft.
	Kelly Down	12.30 Ft.
	Total	10500.00 Ft.
Wt. of String		215000 Lbs.
Pipe in Hole		317 Jts.
Pipe on Racks		38 Jts.
Total Pipe on Lease		355 Jts.

BIT RECORD

Bit No.	37
Size	8 3/4
Mfg.	Sec
Type	M44
Nozzle No.	Open
Nozzle Size	
Ser. No.	371752
Depth Out	10500
Depth In	10457
Total Ftg.	43
Total Hr. Run	13
Cond. of Bit	9A
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	3:30	7:15
Weight	10.7	10.9	10.9
Visc.-Sec.	240	210	250
W.L.-C.C.	7.8	8.0	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400 lbs		
W.P.C.	10500 lbs		

Driller: K. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10476	10500	24	D			45	40	~~1500~~ 1500	5 1/2	60	5 1/2	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig & Service
12:15	7:15	7						Drlg 8 3/4 hole
7:15	7:45	1/2						Circ To Condition hole For Logging
7:45	8:00	1/4						Dummy Trip

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	10:00	12:00	
Weight	10.9	10.9	
Visc.-Sec.	360	280	
W.L.-C.C.	7.8		
FL TR. CK.	2/32		
PH	10.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
								1500	5 1/2	60			

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
6:00	8:15	1/4						✓ BOPs & rig service.
8:15	9:30	1 1/4						Dummy trip 23 stds. to 8500': hole was good
9:30	2:00	4 1/2						Circ to condition hole for logging
2:00	4:00	2						Trip out to log; measure out.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

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

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

MUD RECORD

Time	4:00	9:00	9:45
Weight	10.9	10.9	10.9
Visc.-Sec.	320	240	250
W.L.-C.C.			7.6
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	9.5
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
								1500	5 1/2	60			

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
11:00	4:30	5 1/2						Trip out to 3390'
4:30	5:00	1/2						Tst air Kelly & work bridge @3390 clean.
5:00	5:15	1/4						Pull out to 3000'; Run in to 4600'.
5:15	5:45	1/2						Circ. to clean hole from 4600' Trig ser
5:45	7:00	1 1/4						Run in to bottom; No fill.
7:00	10:00	3						Circ. to condition hole for logging
10:00	12:00	2						Pull out To Log measure out.

Note: bridges @ 6195' & 5260'

No. 7816

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et. Al. Dome S-Keele A-28
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.
Date: May 10 1972

Weather Condition: Snowing 30 | Road Conditions: Poor | Nearest Town: Norman Wells | Water - Source: Creek | Miles Hauled ... Pumped ... | Camp Distance from Rig: 150 Yds | Reason for Extra L. Plant: 5 Days

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R. Lelark

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint: 5¾ O.D. | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	8600	16"
2.	NSCO	C-50	12"
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	Sap	36T55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn.	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5		6
Reaming		½	
~~Coring~~ & Circulating		1½	¾
Trips	2¼	5¼	1¼
Lubricate Rig	¼		
Deviation Survey	½		
Test B.O.P.		¼	
~~Cut Off~~ Drilling Line		½	
Repair Rig		1	
Casing			
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.	5
No of Lines	8 Size 1 1/8
Feet Slipped	1625
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	141
Cumulative Ton Mi. or Trips	9113
No. of Days From Spud	88
Cumulative Rotating Hrs.	~~887~~ 1208½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
105	Stands D.P.	9837.21 Ft.
	Singles D.P.	Ft.
19	D.C. 2¼ 6¼ I.D. O.D.	586.34 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.
1	Bit ~~Stb~~ C.B.	2.23 Ft.
	Kelly Down	31.22 Ft.
	Total	10457.00 Ft.
Wt. of String		220,000 Lbs.
Pipe in Hole		315 Jts.
Pipe on Racks		40 Jts.
Total Pipe on Lease		355 Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec
Type	588
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	10457
Depth In	10184
Total Ftg.	273
Total Hr. Run	63¼
Cond. of Bit	1,3,1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	10⁰⁰	3³⁰
Weight	10.7	10.7
Visc.-Sec.	240	240
W.L.-C.C.	4.4	8.2
FL TR. CK.	⅞	⅞
PH	10.	10.
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,437	10457	20	D			35	40	1300	5½	56	5½	—	S

Deviation Record: Depth 10,436 | Dev. 9° | 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	5:15	5						Drlg 8¾ hole
5:15	5:45	½						Pump Down Survey
5:45	8:00	2¼						Pull out Bit #36

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	355	Jts.

BIT RECORD

Bit No.	37
Size	8¾
Mfg.	Sec
Type	M44
Nozzle No.	open
Nozzle Size	
Ser. No.	371752
Depth Out	
Depth In	10,457
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: C. Blakley

FOOTAGE

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

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Clean bridge @ 5290'
8:15	9:45	1½						Pull out to 3880
9:45	9:00	¼						Clean bridge @ 3880
9:00	10:45	1¾						Pull out.
10:45	11:00	¼						Close blind rams + rig service.
11:00	11:30	½						Run in collars
11:30	12:00	½						Slip line (49')
12:00	1:00	1						Change pump drive chain in compound.
1:00	3:30	2½						Run in to 9030'
3:30	4:00	½						Break circ + circ mud was very heavy + thick.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
105	Stands D.P.	Ft.
1	Singles D.P.	9868.60 Ft.
19	D.C. 2¼ 6¼ I.D. O.D.	586.34 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.
1	Bit ~~Stb~~ C.B.	2.23 Ft.
	Kelly Down	18.83 Ft.
	Total	10476.00 Ft.
Wt. of String		220,000 Lbs.
Pipe in Hole		316 Jts.
Pipe on Racks		39 Jts.
Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	37
Size	8¾
Mfg.	Sec.
Type	M44
Nozzle No.	open
Nozzle Size	
Ser. No.	371752
Depth Out	
Depth In	10,457
Total Ftg.	19
Total Hr. Run	6
Cond. of Bit	1 1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	6⁰⁰	9.00	1:00
Weight	10.8	10.7	10.7
Visc.-Sec.	500+	450	295
W.L.-C.C.	9.0	8.2	7.4
FL TR. CK.	3/32	2/32	3/32
PH	9.5	9.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
WT. MAT.	4500	165	

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
10,457	10476	19	D			40	40	1500	5½	56	5½	—	S

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:45	¾						Run in to 10,700.
4:45	5:30	¾						Break circ + circ mud was very thick.
5:30	6:00	½						~~Pull~~ Picked up 5 singles + run in to bottom.
6:00	12:00	6						Drlng (No fill)

No. 7815

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome 5-Keele A-28
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.
Date: May 9 1972
Weather Condition: SUNNY T40 | Road Conditions: In Possible Muddy | Nearest Town: Norman Wells
Water - Source: Pit | Miles Hauled: ... | Pumped: ✓ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H., 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Libel

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey			
Conservation Board Test B.O.P. check		3¾	
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.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	406
Cumulative Ton Mi. or Trips	8830
No. of Days From Spud	87
Cumulative Rotating Hrs.	1194 ¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
104	Stands D.P.		Ft.
1	Singles D.P.	9774.62	Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34	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.
1	Bit ~~5¼B~~ ~~O.D.~~	2.23	Ft.
	Kelly Down	12.81	Ft.
	Total	10376.00	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	313	Jts.
	Pipe on Racks	42	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36		
Size	8¾		
Mfg.	Sec		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	912280		
Depth Out			
Depth In	10184		
Total Ftg.	192		
Total Hr. Run	43½		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	1⁰⁰	3⁰⁰	7.00
Weight	10.6	10.6	10.6
Visc.-Sec.	200	200	200
W.L.-C.C.	7.6	7.6	7.8
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1800 lbs		
Caustic	50 lbs		

Driller: R. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10344	10376	32	D			35	40	1300	5½	56	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼						Rig Service
12.15	8.00	7¾						Drlg 8¾ hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
104	Stands D.P.		Ft.
1	Singles D.P.	9774.62	Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34	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.
1	Bit ~~5¼B~~ ~~O.D.~~	2.23	Ft.
	Kelly Down	42.00	Ft.
	Total	10,405.19	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	313	Jts.
	Pipe on Racks	42	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36		
Size	8¾		
Mfg.	Sec.		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	912280		
Depth Out			
Depth In	10,184		
Total Ftg.	221		
Total Hr. Run	50½		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	9⁰⁰	12⁰⁰	3⁰⁰
Weight	10.6	10.7	10.7
Visc.-Sec.	250	255	285
W.L.-C.C.	9.2	8.1	7.0
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
cmc	100 lbs		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,376	10,405	29	D			35	40	1300	5½	56	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig service & ✓ Bolts.
8:15	10:45	2½						Drlng.
10:45	11:30	¾						Conservation Board check + change pipe ram
11:30	4:00	4½						Drlng. control valve

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
105	Stands D.P.	9837.21	Ft.
	Singles D.P.		Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34	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.
1	Bit ~~5¼B~~ ~~O.D.~~	2.23	Ft.
	Kelly Down	10.22	Ft.
	Total	10432.00	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	315	Jts.
	Pipe on Racks	40	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36		
Size	8¾		
Mfg.	Sec.		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	912280		
Depth Out			
Depth In	10,184		
Total Ftg.	253		
Total Hr. Run	54¼		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	5⁰⁰	8:30	11⁰⁰
Weight	10.7	10.7	10.7
Visc.-Sec.	325	300	260
W.L.-C.C.	6.9	8.6	9.4
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10.5	10.5
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
10,405	10,437	32	D			35	40	1300	5½	56	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig service.
4:15	12.00	7¾						Drlng.

CONSERVATION BRANCH — DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES — FORT SMITH, N.W.T. — MAY 23 1972

No. 7814

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome Steele A-28. | Date: May 8 1972

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

Weather Condition: Sunny 4 8 | Road Condition: Muddy | Nearest Town: Norman Wells | Water - Source Miles Hauled: ____ Pumped: ✓ | Camp Distance from Rig: 150 KMS | Reason for Extra L. Plant: Span

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Lelark

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 3 Size 4½

Tool Joint: 5¾ O.D. Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Idreco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5¾	7¾	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig	2		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8.	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.	5
No. of Lines	8 Size 1/9
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	406
Cumulative Ton Mi. or Trips	8830
No. of Days From Spud	87
Cumulative Rotating Hrs.	1174¾

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
103	Stands D.P.	9651.63	Ft.
	Singles D.P.		Ft.
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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.
1	Bit ~~Sub~~ O.D.	2.23	Ft.
	Kelly Down	26.80	Ft.
	Total	10267.00	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	309	Jts.
	Pipe on Racks	46	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10184
Total Ftg.	83
Total Hr. Run	20¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	12:30	4:00	7:00
Weight	10.6	10.6	10.6
Visc.-Sec.	500	340	240
W.L.-C.C.	8.2	7.8	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10.0	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10243	10267	~~24~~ 24	D			35	40	1300	5½	56	5½	65	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼						Drlg 8¾ hole
1:15	1:30	¼						Rig Service
1:30	3:30	2						Repair Compound Chain + Oilers
3:30	8:00	4½						Drlg 8¾ hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
103	Stands D.P.		Ft.
1	Singles D.P.	9682.84	Ft.
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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.
1	Bit ~~Sub~~ O.D.	2.23	Ft.
	Kelly Down	39.59	Ft.
	Total	10,311.00	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	310	Jts.
	Pipe on Racks	45	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10,184
Total Ftg.	127
Total Hr. Run	28
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.6	10.6	10.6
Visc.-Sec.	220	270	265
W.L.-C.C.	8.0	7.8	8.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
UNI CAL	50 lbs		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,267	10,311	44	D			35	40	1300	5½	56	5½		5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service + ✓ Bolts.
8:15	4:00	7¾						Drlng

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
103	Stands D.P.		Ft.
2	Singles D.P.	9713.93	Ft.
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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.
1	Bit ~~Sub~~ O.D.	2.23	Ft.
	Kelly Down	42.01	Ft.
	Total	10344.50	Ft.
	Wt. of String	220,000	Lbs.
	Pipe in Hole	311	Jts.
	Pipe on Racks	44	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10,184
Total Ftg.	160
Total Hr. Run	35¾
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	10.6	10.6	10.6
Visc.-Sec.	265	240	200
W.L.-C.C.	8.6	8.0	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
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
10,311	10,344	33	D			35	40	1300	5½	56	5½	-	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½						Drlng.
4:30	4:45	¼						Rig service.
4:45	8:00	1¼						Drlng

No. 7813

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S-Keele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.:
Date: May 7 1972

Weather Condition: Clear +45° | Road Conditions: Muddy | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled ___, Pumped ___ | Camp Distance from Rig: 150yds, Reason for Extra L. Plant: Space

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 3, Size 4½

Tool Joint: Type Thd. F.H., 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.A. Lelak

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		6¾	7¾
Reaming	4½		
Conditioning Mud & Circulating			
Trips	1¼		
Lubricate Rig	1/4		1/4
Deviation Survey			
Test B.O.P.			1/4
Cut Off Drilling Line			
Repair Rig			
Ream Undergage Hole	3¼	1	
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Break Circ	1/4		
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. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 1576
Feet Cut Off 1625
Present Length
Ton Mi. or Trips Since Last Cut 406
Cumulative Ton Mi. or Trips 8830
No. of Days From Spud 86
Cumulative Rotating Hrs. 1153½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
102	Stands D.P.	9558.35 Ft.
	Singles D.P.	Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34 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.
1	Bit SUB B.	2.23 Ft.
	Kelly Down	37.08 Ft.
	Total	10084.00 Ft.

Wt. of String 220,000 Lbs.
Pipe in Hole 306 Jts.
Pipe on Racks 49 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10184
Total Ftg.	
Total Hr. Run	
Cond. of Bit	in.
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	7:00
Weight	10.6
Visc.-Sec.	240
W.L.-C.C.	7.4
FL TR. CK.	2/32
PH	9.5
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
						35	2	1450	5½	60	5½	—	S.

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service.
12:15	1:30	1¼						Ream From 5620 To 5706
1:30	3:00	1½						Run in 4 singles. Ream Bridge From 5800 to 5862
3:00	3:45	¾						Run in 5 singles Ream Bridge From 5985 To 6049
3:45	4:30	¾						Run in To 8593
4:30	5:30	1						Ream Bridge From 8593 To 8653
5:30	6:00	½						Finish Running in
6:00	6:15	¼						Break Circ.
6:15	8:00	1¾						Ream 40' Undergage hole.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
102	Stands D.P.	9589.57 Ft.
1	Singles D.P.	Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34 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.
1	Bit SUB B.	2.23 Ft.
	Kelly Down	35.86 Ft.
	Total	10214.00 Ft.

Wt. of String 220,000 Lbs.
Pipe in Hole 307 Jts.
Pipe on Racks 48 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10184
Total Ftg.	30
Total Hr. Run	6¾
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.6	10.7	10.6
Visc.-Sec.	210	290	580+
W.L.-C.C.	7.4	7.6	7.7
FL TR. CK.	2/32	2/32	2/32
PH	9.0	9.0	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Barium Chromate	1000 lbs		
Caustic	200 lbs		
Uni-Cal	150 lbs		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,184	10,188	4	D			35	35	1300	5½	58	5½	—	S
10,188	10,214	26	D			35	40	1300	5½	58			
		30											

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						√ BOPs + rig service.
8:15	9:15	1						Ream 30' of undergaged hole
9:15	4:00	6¾						Drlng.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
102	Stands D.P.	9620.45 Ft.
2	Singles D.P.	Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	586.34 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.
1	Bit SUB B.	2.23 Ft.
	Kelly Down	33.98 Ft.
	Total	10243.00 Ft.

Wt. of String 220,000 Lbs.
Pipe in Hole 308 Jts.
Pipe on Racks 47 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	36
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10,184
Total Ftg.	59
Total Hr. Run	14½
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	6:30	11:00
Weight	10.7	10.7	10.7
Visc.-Sec.	500+	700+	350
W.L.-C.C.	8.0	√	8.4
FL TR. CK.	2/32	2/32	2/32
PH	10	10.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Unical	50 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,214	10243	29	D			35	40	1300	5½	48	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig service.
4:15	12:00	7¾						Drlng.

CONSERVATION ENGINEER DEPT. OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT NORTHERN ECONOMIC DEVELOPMENT BRANCH KEEWATIN, N.W.T. MAY 23 1972

No. 7812

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S. Keele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: May 6 1972

Weather Condition: SUNNY +42 | Road Conditions: Muddy | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 4 | Camp Distance from Rig: 1500 ft | Pumped: ___ | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4 1/2

Tool Joint: 5 3/4 O.D. Type Thd: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Blank

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	J&P	36 T55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			4 3/4
Reaming			
Conditioning Mud & Circulating			
Trips	3/4		2
Lubricate Rig			
Deviation Survey			
Test B.O.P.	1/4		
Cut Off Drilling Line			
Repair Rig		1	1 1/4
Coring			
Wire Line Logging	6 1/4	7	
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other: Rig To Log	3/4		
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	406
Cumulative Ton Mi. or Trips	8830
No. of Days From Spud	~~84~~ 85
Cumulative Rotating Hrs.	1139

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
102	Stands D.P.	9558.35	Ft.
	Singles D.P.		Ft.
19	D.C. 6 1/4 2 1/4 I.D. O.D.	586.34	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.
1	Bit or C.B.	2.23	Ft.
	Kelly Down	37.08	Ft.
	Total	10184.00	Ft.
Wt. of String		224,000	Lbs.
Pipe in Hole		306	Jts.
Pipe on Racks		49	Jts.
Total Pipe on Lease		355	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: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	12:45	3/4						Measure Out Of Hole To Log
12:45	1:00	1/4						√ Blind Rams + Rig Service
1:00	1:45	3/4						Rig Up To Log
1:45	8:00	6 1/4						Logging From 8593
								Board 9558 35
								Tally 9557.34
								Diff. 1.01 No Corr.

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: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	7						Logging
3:00	4:00	1						Repair #1 compound bearing.

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.	36
Size	8 3/4
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912280
Depth Out	
Depth In	10,184
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			11 00
Weight			10.6
Visc.-Sec.			200
W.L.-C.C.			
FL TR. CK.			9.5
PH			9.5
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
5476	5620	144	R.										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:15	1 1/4						Repair #1 compound bearing.
5:15	7:15	2						Run in to 5476'
7:15	12:00	4 3/4						Clean bridge @ 5476' → TO 5620

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
CONSERVATION BRANCH
NORTHERN ENGINEERING SECTION
RECEIVED
MAY 23 1972
YELLOWKNIFE, N.W.T.

No. 7811

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome 5-Keele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: May 5 1972

Weather Condition: Overcast 38 | Road Conditions: Fair | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 4 | Pumped ___ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Belak.

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4 1/2

Tool Joint: 5 3/4 O.D. | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Sap	36 J55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2 1/2		
Reaming			
Conditioning Mud & Circulating	5 1/4	7 3/4	2 3/4
Trips Measure			4 1/2
Lubricate Rig	1/4		1/4
Deviation Survey			1/2
Test B.O.P.		4	
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.	5
No. of Lines	8 Size 1 1/19
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	268
Cumulative Ton Mi. or Trips	8692.
No. of Days From Spud	84
Cumulative Rotating Hrs.	1139

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
102	Stands D.P.	9558.35 Ft.	Bit No.	35
	Singles D.P.	Ft.	Size	8 3/4
	D.C. 6 1/4 I.D. 2 1/4 O.D.	586.34 Ft.	Mfg.	H.W
19			Type	533
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	20
	Stb. Body O.D.	Ft.	Ser. No.	LL945
	Stb. Body O.D.	Ft.	Depth Out	10184
	Rmr. Body O.D.	Ft.	Depth In	9931
1	Subs Wtmat. O.D.	5.26 Ft.	Total Ftg.	253
1	Bit & C.B.	2.23 Ft.	Total Hr. Run	57
	Kelly Down	31.82 Ft.	Cond. of Bit	
	Total	10184.00 Ft.	Reamer No.	
	Wt. of String	224,000 Lbs.	Reamer Type	
	Pipe in Hole	706 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.
	Pipe on Racks	49 Jts.	Trucker	
	Total Pipe on Lease	755 Jts.	Trucker	
			Trucker	

MUD RECORD

Time	100	330	700
Weight	10.1	10.1+	10.1+
Visc.-Sec.	140	145	160
W.L.-C.C.	9.6	9.4	8.6
FL TR. CK.	7/32	7/32	7/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3550 lbs		
Barium Carbonate	500 lbs		

Driller: R. Rutherford

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.	
			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	224,000 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	900	1200	300
Weight	10.3	10.2	10.3
Visc.-Sec.	215	200	204
W.L.-C.C.	9.0	8.3	7.0
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KELZAN AL	300 lbs		
SODA ASH	1300 lbs		
SUPERCOL	1600 lbs		
SPARTON WTMAT.	15600 lbs		

Driller: L. Blakley

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	35
	Singles D.P.	Ft.	Size	8 3/4
	D.C. I.D. O.D.	Ft.	Mfg.	H.W.
			Type	533
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	20
	Stb. Body O.D.	Ft.	Ser. No.	LL945
	Stb. Body O.D.	Ft.	Depth Out	10184
	Rmr. Body O.D.	Ft.	Depth In	9931
	Subs O.D.	Ft.	Total Ftg.	253
	Bit or C.B.	Ft.	Total Hr. Run	57
	Kelly Down	Ft.	Cond. of Bit	520
	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	500	700	
Weight	10.4	10.6	
Visc.-Sec.	205	205	
W.L.-C.C.	8.0	7.2	
FL TR. CK.	2/32	2/32	
PH	9.0	9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPARTON	10,000		
SODA ASH	500		
SUPERCOL	1,000		
KELZAN AL	50		
CMC	50		

Driller

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	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10177	10184	7	D			35	40	1300	5 1/2	56	5 1/2	—	S

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig Service.
12:15	2:45	2 1/2						DNG 8 3/4 hole
2:45	8:00	5 1/4						Circ To Condition hole For Logging

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	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
								1300	5 1/2	56	5 1/2	—	

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig serv. + BOPs.
8:15	4:00	7 3/4						Circ. to condition hole for logging.

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	Pump No. 1 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	7:00	2						Rig Service.
7:00	11:00	4						Circ. to condition hole for logging.
11:00	12:00	1						Pump Survey down
								Trip out. + Measure.

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	Pump No. 1 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
10150	7 1/2°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Service.
4:15	7:00	2 3/4						Circ. to condition hole for logging.
7:00	7:30	1/2						Pump Survey down
7:30	12:00	4 1/2						Trip out. + Measure.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION BRANCH
DIRECTOR
MAY 23 1972
EDMONTON, ALBERTA

No. 7810

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Desalta Et Al Domo 5-Keele A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: May 4 1972

Weather Condition: Sunny +30° Road Conditions: Fair Nearest Town: Normoville
Water - Source: Lake Miles Hauled: 4 Camp Distance from Rig: 1 Miles
Pumped ____ Reason for Extra L. Plant: Spare

OPERATOR: West End Desalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½ Type Thd. F.H.

Tool Joint: 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn.	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4	6¾	4¼
Reaming			
Conditioning Mud & Circulating	1¾		
Trips			
Lubricate Rig	¼		
Deviation Survey			
Test. B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig	2½	1	3¾
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	130
Cumulative Ton Mi. or Trips	8554
No. of Days From Spud	83
Cumulative Rotating Hrs.	1136½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			Ft.
101	Stands D.P.		
2	Singles D.P.	9527.00	
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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 Wilco O.D.	5.23	Ft.
1	Bit ~~or C.B.~~ Sub	2.26	Ft.
	Kelly Down	9.17	Ft.
	Total	10130.00	Ft.

Wt. of String 218,000 lbs.
Pipe in Hole 305 Jts.
Pipe on Racks 50 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35		
Size	8¾		
Mfg.	H.W.		
Type	J 33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	LL945		
Depth Out			
Depth In	9931		
Total Ftg.	199		
Total Hr. Run	43½		
Cond. of Bit	1N		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	1:00	4:00	7:30
Weight	10.4	10.2	10.2
Visc.-Sec.	1000+	8:00	160
W.L.-C.C.	11.2	11.0	11.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Unical	650 lbs		
Barium Carbonate	500 lbs		
CMC		100#	
Supercol		100#	

Driller: R. Kuttelford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
10104	10130	26	D			35	40	1300	5½	56	5½	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	2:45	2½						Put Liner Gasket in #1 Pump, #2 Pump Wouldn't Pump enough ~~to~~ Mud By Bit To drill. Mud Too Thick.
2:45	4:00	1¼						Circ To Condition Mud Mix Unical ½ lb Bag + 5 Sks Barium Carbonate Even Circulation Mud Was Too Thick To drill #1 Pump Wouldn't Put Enough Volume Past Bit
4:00	8:00	4						Drig 8¾ hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			Ft.
101	Stands D.P.		
2	Singles D.P.	9527.00	Ft.
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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 Wilco O.D.	5.23	Ft.
1	Bit ~~or C.B.~~ Sub	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	10162.83	Ft.

Wt. of String 220,000 Lbs.
Pipe in Hole 305 Jts.
Pipe on Racks 50 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35		
Size	8¾		
Mfg.	H.W.		
Type	J 33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	LL945		
Depth Out			
Depth In	9931		
Total Ftg.	231		
Total Hr. Run	50¼		
Cond. of Bit			
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.0	10.1	
Visc.-Sec.	145	195	
W.L.-C.C.	10.0	8.6	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super Col	1550 lbs		
CMC	200 lbs		
Paraformaldehyde	150 lbs		

Driller: C.B. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
10130	10162	32	D			35	40	1300	5½	56	5½	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
6:00	8:30	½						Drilling 8¾ Hole.
8:30	8:45	¼						Rig. + Ser. Service
8:45	3:00	6¼						Drilling 8¾ hole
3:00	4:00	1						Repair chain in compound

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			Ft.
102	Stands D.P.	9558.35	Ft.
	Singles D.P.		Ft.
19	D.C. 6¼ 2¼ I.D. O.D.	586.34	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 Wilco O.D.	5.23	Ft.
1	Bit ~~or C.B.~~ Sub	2.26	Ft.
	Kelly Down	24.82	Ft.
	Total	10177.00	Ft.

Wt. of String ____ Lbs.
Pipe in Hole 306 Jts.
Pipe on Racks 49 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35		
Size	8¾		
Mfg.	H.W.		
Type	J 33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	LL945		
Depth Out			
Depth In	9931		
Total Ftg.	246		
Total Hr. Run	54½		
Cond. of Bit	4		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time		9:00	11:30
Weight		10.1	10.1
Visc.-Sec.		140	145
W.L.-C.C.			9.0
FL TR. CK.		~~2/32~~	~~2/32~~
PH		10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

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
10162	10177	15	D			35	40	1300	5½	56	5½	—	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:45	3¾						Repair compound chain & chain oilers
7:45	12:00	4¼						Drlng.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
KELOWNA, B.C.
MAY 23 1972

No. 7809

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Dorothy Fte #1 Dome S. Keele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: May 3 1972

Weather Condition: Sunny 36° Road Conditions: Fair Nearest Town: Norman Wells
Water - Source: Lake Miles Hauled: 4 Pumped: Camp Distance from Rig: 1200 ft
Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 5 Size 4"

Tool Joint: Type Thd. F.H. 5 3/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D R Clark.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nees	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Sap	36 T 55	32	1027	13.00	1026	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	7 3/4	7 1/4
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			1/2
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1576
Feet Cut Off	16.25
Present Length	
Ton Mi. or Trips Since Last Cut	130
Cumulative Ton Mi. or Trips	8554
No. of Days From Spud	83
Cumulative Rotating Hrs.	1121 1/2

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
100	Stands D.P.	Ft.
2	Singles D.P.	94.33.22 Ft.
19	D.C. 2 1/4 I.D. 6 1/4 O.D.	586.34 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. Wip-ert.	5.23 Ft.
1	Bit Sub C.B.	2.26 Ft.
	Kelly Down	15.85 Ft.
	Total	10,043.60 Ft.

Wt. of String 255,000 Lbs.
Pipe in Hole 302 Jts.
Pipe on Racks 53 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	S.33
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	112
Total Hr. Run	24 1/2
Cond. of Bit	1"
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1.00	4.00	7.00
Weight	10.6	10.6	10.6
Visc.-Sec.	550	540	535
W.L.-C.C.	7.4	8.0	8.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	150 lbs		
Peltex	300 lbs		

Driller: D. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,007	10,043	36	D			35	40	1750	5 1/2	62	5 1/2	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4						Rig Service
12.15	8.00	7 3/4						Drlg 8 3/4 hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
101	Stands D.P.	94.64.52 Ft.
	Singles D.P.	Ft.
19	D.C. 2 1/4 I.D. 6 1/4 O.D.	586.34 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. Wip-ert.	5.23 Ft.
1	Bit Sub C.B.	2.26 Ft.
	Kelly Down	16.65 Ft.
	Total	10075.00 Ft.

Wt. of String 215,000 Lbs.
Pipe in Hole 303 Jts.
Pipe on Racks 52 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	144
Total Hr. Run	32 1/4
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	9.00	12.00	3.00
Weight	10.4	10.5	10.4
Visc.-Sec.	600+	600+	600+
W.L.-C.C.	9.2	8.4	8.2
FL TR. CK.	3/32	3/32	3/32
PH	10.5	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Barium Carbonate	500 lbs		
Peltex	200 lbs		
Caustic	200 lbs		
Soda Ash	500 lbs		

Driller: D. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10,043	10075	32	D			35	40	1750	5 1/2	62	5 1/2	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0.00	2.00	6						DRILLING 8 3/4 HOLE.
2.00	2.15	1/4						RIG SERVICE & BOPS. CHECK
2.15	4.00	1 3/4						DRILLING 8 3/4 HOLE.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
98	Stands D.P.	9495.76 Ft.
1	Singles D.P.	Ft.
19	D.C. 2 1/4 I.D. 6 1/4 O.D.	586.34 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. Wip-ert.	5.23 Ft.
1	Bit Sub C.B.	2.26 Ft.
	Kelly Down	14.41 Ft.
	Total	10104.00 Ft.

Wt. of String 215,000 Lbs.
Pipe in Hole 304 Jts.
Pipe on Racks 51 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	173
Total Hr. Run	39 1/2
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5.00	8.00	11.00
Weight	10.4	10.4	10.4
Visc.-Sec.	600+	600+	600+
W.L.-C.C.	8.2	8.4	9.0
FL TR. CK.	3/32	2/32	2/32
PH	9.0	8.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	300 lbs		
Unicol	600 lbs		
Soda Ash	100 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
10075	10104	29	D			35	40	1300	5 1/2	40	5 1/2	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	1/4						Rig Service
4.15	11.30	7 1/4						DRLG 8 3/4 hole
11.30	12.00	1/2						Change Liner gasket on # 1 Pump
								Mud to Thick For # 2 Pump To drill
								Not enough Fluid Passing BIT.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
NORTHWEST TERRITORIES
MAY 23 1972

No. 7808

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S. Steele A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: May 2 1972

Weather Condition: Sunny Road Conditions: Fair Nearest Town: Norman Wells
Water - Source: Lake Miles Hauled: 4 Pumped: ___ Camp Distance from Rig: 150 yds
Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta
SIGNATURE OF OPERATOR'S REPRESENTATIVE:
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D R Clark

Rig No. 2 DWKS 7-11
Drill Pipe String: No. 2 Size 4½
Tool Joint: Type Thd. F.H 5 3/4 O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nsco	C-150	18
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 T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1 1/4	7 3/4	7 1/4
Reaming			
Conditioning Mud & Circulating			
Trips	4		
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.	1 1/4		
Cut Off + Pick up Drilling Line D.C.	1 1/2		
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Break Circ + Clean To Bottom	3/4		
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1576
Feet Cut Off	1625
Present Length	
Ton Mi. or Trips Since Last Cut	130
Cumulative Ton Mi. or Trips	8554
No. of Days From Spud	82
Cumulative Rotating Hrs.	1098 3/4

MAY 8 1972 — YAM — YELLOWKNIFE, N.W.T. — CONSERVATION ENGINEER — DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
99	Stands D.P.	9309.39	Ft.
5	Singles D.P.		Ft.
19	D.C. 6¼ 2 1/4 I.D. O.D.	586.34	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 Lwr. O.D.	5.23	Ft.
1	Bit Sub C.B.	2.26	Ft.
	Kelly Down	31.78	Ft.
	Total	9935.00	Ft.
Wt. of String		210,000	Lbs.
Pipe in Hole		298	Jts.
Pipe on Racks		57	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	533
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	4
Total Hr. Run	1 1/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD	
Time	7.30
Weight	10.5
Visc.-Sec.	900
W.L.-C.C.	5.2
FL TR. Ck.	2/32
PH	9.0
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: D Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9931	9935	4	D			35	5-35	1800	5½	60	5½		5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	3/4						Pull Out
12:45	1:00	1/4						Change Bits & Blind Rams
1:00	1:15	1/4						Rig Service
1:15	2:45	1 1/2						Pick up 1 D.C. + Slip 49' + Cut 98' Drilling Line
2:45	5:15	2 1/2						Run in With Bit #35
5:15	5:30	1/4						Break Circ.
5:30	6:15	3/4						Run in
6:15	6:45	1/2						Break Circ. + Ream To Bottom @ 2' Fill on Bottom
6:45	8:00	1 1/4						Drlg 8 3/4 hole.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
99	Stands D.P.	9309.39	Ft.
2	Singles D.P.	9340.73	Ft.
19	D.C. 6¼ 2 1/4 I.D. O.D.	586.34	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D.	5.23	Ft.
1	Sub	2.26	Ft.
	Bit or C.B.		Ft.
	Kelly Down	35.44	Ft.
	Total	9970.00	Ft.
Wt. of String		215,000	Lbs.
Pipe in Hole		299	Jts.
Pipe on Racks		56	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	533
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	39
Total Hr. Run	9
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD			
Time	9.00	12.00	3.00
Weight	10.6	10.7	10.6
Visc.-Sec.	600+	600+	600+
W.L.-C.C.	5.0	6.0	6.2
FL TR. CK.	2/32	3/32	2/32
PH	9.0	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	600 #	Lbs	
Peltex	150 #	Lbs	
Caustic	150 #	Lbs	
Barium Carbonate	300 #	Lbs	

Driller: D Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9935	9970	35	D			35	40	1800	5½	62	5½		(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
3.00	9.45	1 3/4						Drilling
9.45	10.00	1/4						Rig Service & Check Bops.
10.00	4.00	6						Drilling @ 8 3/4 Hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
100	Stands D.P.	~~9322.06~~	Ft.
	Singles D.P.		Ft.
19	D.C. 6¼ 2 1/4 I.D. O.D.	586.34	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 Lwr. O.D.	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	10007.89	Ft.
Wt. of String		215,000	Lbs.
Pipe in Hole		300	Jts.
Pipe on Racks		55	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	35
Size	8 3/4
Mfg.	H.W.
Type	533
Nozzle No.	3
Nozzle Size	20
Ser. No.	LL945
Depth Out	
Depth In	9931
Total Ftg.	76
Total Hr. Run	16 3/4
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	10.6	10.6	10.5
Visc.-Sec.	600+	540	550
W.L.-C.C.	7.0	7.6	7.4
FL TR. CK.	2/32	2/32	1/2/32
PH	10.5	10.5	10.5
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
9970	10,000	30	D			35	40	1750	5½	62	5½		(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	5.30	1 1/2						Drilling
5.30	5.45	1/4						Rig Service
5.45	12.00	6 1/4						Drilling @ 8 3/4 Hole.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — MAY - 8 1972 — YELLOWKNIFE, N.W.T. — NORTHERN DEVELOPMENT BRANCH

No. 7807

GUTHRIE McLAR Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Location Name: Decalta Et El Dome — S. Heele A-28 — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: May 1 (Apr 30) 19 72

Weather Condition: SUNNY +24 — Road Conditions: Fair — Nearest Town: Normoll Wells — Water - Source: Lake — Miles Hauled: 4 — Pumped: ___ — Camp Distance from Rig: 1500 yds — Reason for Extra L. Plant: ___

OPERATOR: Western Decalta

Rig No. 2 — DWKS 7-11

Drill Pipe String: No. 3 — Size 4½

Tool Joint: 5 3/4 O.D. — Type Thd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R Lelonk

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	D600	16
2.	Nesco	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	9¾	2¼
Reaming			
Conditioning Mud & Circulating			2¼
Trips			3¼
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			
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. 5

No. of Lines 8 — Size 1 1/8

Feet Slipped 1527

Feet Cut Off 1526

Present Length

Ton Mi. or Trips Since Last Cut 511

Cumulative Ton Mi. or Trips 8424

No. of Days From Spud 81

Cumulative Rotating Hrs. 1082

DEPARTMENT OF MINES AND NATURAL RESOURCES — CONSERVATION BRANCH — MAY 8 1972

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
99	Stands D.P.	9279.71 Ft.
	Singles D.P.	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 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 Wiped.	5.23 Ft.
1	Bit ~~Sub~~ C.B.	2.26 Ft.
	Kelly Down	34.20 Ft.
	Total	9877.00 Ft.

Wt. of String 209,000 Lbs.

Pipe in Hole 297 Jts.

Pipe on Racks 58 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	34A
Size	8 3/4
Mfg.	H.W
Type	J-33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9710 Reamed
Total Ftg.	139 — 28
Total Hr. Run	26 3/4 — 7 1/2
Cond. of Bit	Pn
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1.00	4:00	7.00
Weight	10.5	10.6	10.6
Visc.-Sec.	435	450	485
W.L.-C.C.	6.2	6.0	6.0
FL TR. CK.	2/32	2/32	2/32
PH	9.0	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	600 lbs		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9837	9877	40	D			45	38	1750	5½	62	5½	—	5
						45	38	1500	5½	—	5½	70	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	2.45	2 3/4						Drlg 8 3/4 hole
2.45	3.00	¼						Rig Service
3.00	8.00	5						Drlg 8 3/4 hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
99	Stands D.P.	Ft.
2	Singles D.P.	9340.73 Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	± 555.60 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
1	Rmr. Body ~~O.D.~~	5.23 Ft.
1	Subs ~~Bit sub~~ O.D.	2.26 Ft.
	Bit or C.B.	Ft.
	Kelly Down	15.18 Ft.
	Total	9919.08 Ft.

Wt. of String 200,000 Lbs.

Pipe in Hole 299 Jts.

Pipe on Racks 56 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	34A
Size	8 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9710 Reamed
Total Ftg.	181 — 28
Total Hr. Run	34½ — 7½
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9.00	12.00	3.00
Weight	10.5	10.5	10.5
Visc.-Sec.	600+	600+	600+
W.L.-C.C.	7.0	6.8	4.6
FL TR. CK.	2/32	2/32	2/32
PH	9.0	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	1300 #		

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'el-P Com'd-C
9877	9919	42	D			45	38	1750	5½	62	5½	—	(5)

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						Rig Service & Check Bops
8.15	4.00	7 3/4						Drilling 8 3/4 Hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
99	Stands D.P.	Ft.
2	Singles D.P.	9340.73 Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
1	Rmr. Body ~~O.D.~~	5.23 Ft.
1	Subs ~~Bit sub~~ O.D.	2.26 Ft.
	Bit or C.B.	Ft.
	Kelly Down	27.18 Ft.
	Total	9931.01 Ft.

Wt. of String 200,000 Lbs.

Pipe in Hole 299 Jts.

Pipe on Racks 56 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	34A
Size	8 3/4
Mfg.	H.W.
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9710 Reamed
Total Ftg.	193 — 28
Total Hr. Run	36¾ — 7½
Cond. of Bit	431
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	5.00	8.00	11.00
Weight	10.5		
Visc.-Sec.	600+		
W.L.-C.C.	4.8	RIP	
FL TR. CK.	7/32		
PH	9.0+		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	600 lbs		
Peltex	200 lbs		
Caustic	50 lbs		
Barium Carbonate	300 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9919	9931	12	D			45	38	1750	5½	62	5½	—	(5)

Deviation Record: Depth 9931 — Dev. 4 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	6.15	2¼						Drilling 8 3/4 Hole.
6.15	8.30	2¼						Circ Sample at 9931
8.30	8.45	¼						Pump Down Survey
8.45	12.00	3¼						Pull Out Bit #34A.

No. 7806

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Dreaulta Et Al Dome S. Keele M-28

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

Date: April 30 19 72

Weather Condition: ~~Rainy~~ Sunny 4 15 | Road Conditions: Fair | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 4 | Pumped: | Camp Distance from Rig: 150 yds. | Reason for Extra L. - Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Blank

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2, Size 4½

Tool Joint: Size 5 3/4 O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nasco	C-150	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Sap	36 J55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3½	7¾	7¾
Reaming	4		
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey			
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.	5
No. of Lines	8 Size 1 1/19
Feet Slipped	1527
Feet Cut Off	1576
Present Length	
Ton Mi. or Trips Since Last Cut	381
Cumulative Ton Mi. or Trips	8294
No. of Days From Spud	80
Cumulative Rotating Hrs.	1961 1/2

STRI 8 - YAM

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
97	Stands D.P.	9154.69	Ft.
2	Singles D.P.		Ft.
18	D.C. 2¼ 6½ I.D. O.D.	555.60	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. IBS O.D.	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	3.22	Ft.
	Total	9753.00	Ft.
	Wt. of String	200,000	Lbs.
	Pipe in Hole	293	Jts.
	Pipe on Racks	62	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	34-A		
Size	8 3/4		
Mfg.	H.W.		
Type	J33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	K.H137		
Depth Out			
Depth In	9710		
Total Ftg.	15	Reamed	28
Total Hr. Run	3 1/2		7½
Cond. of Bit	In		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	12.30	4.30	7.00
Weight	10.5	10.5	10.5
Visc.-Sec.	575	500	400
W.L.-C.C.	5.0	5.4	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.3	10.0	~~10.0~~
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	300 lbs		

Driller: L. Kettlewell

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9723	9735	15	R			35	15	1800	5½	60	5½	-	S
9738	9753	15	D			35	35	1800	5½	60			

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.30	½						Reaming Rat hole
12.30	12.45	¼						Rig Service
12.45	2.45	2						Reaming Rat hole
2.45	3.00	¼						Tighten Lower Cap on #1 Pump
3.00	4.30	1½						Reaming Rat hole
4.30	8.00	3½						Drlg 8¾ hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
98	Stands D.P.		Ft.
1	Singles D.P.	9217.35	Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60	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	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	18.56	Ft.
	Total	9799.00	Ft.
	Wt. of String	200,000	Lbs.
	Pipe in Hole	295	Jts.
	Pipe on Racks	60	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	34 A		
Size	8 3/4		
Mfg.	H.W.		
Type	J33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	KH137		
Depth Out			
Depth In	9710	Reamed	
Total Ftg.	61		28
Total Hr. Run	11 1/4		7½
Cond. of Bit	1N		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	9.00	12.00	3.00
Weight	10.5	10.5	10.8
Visc.-Sec.	700	600+	600+
W.L.-C.C.	6.0		6.4
FL TR. CK.	2/32		2/32
PH	8.5	9.0	8.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	700#		
Peltex	50#		
Speresene	50#		

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'el-P Com'd-C
9753	9799	46	D			45	38	1800	5½	60	5½	-	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						Rig Service & Check Boys.
8.15	4.00	7¾						Drilling
								CHANGED OIL & FILTERS IN FLOOR MOTORS.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
98	Stands D.P.		Ft.
2	Singles D.P.	9248.49	Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D.	5.23	Ft.
1	Subs	2.26	Ft.
	Bit or C.B.		Ft.
	Kelly Down	24.42	Ft.
	Total	9836.00	Ft.
	Wt. of String	200,000	Lbs.
	Pipe in Hole	296	Jts.
	Pipe on Racks	59	Jts.
	Total Pipe on Lease	355	Jts.

BIT RECORD

Bit No.	34 A		
Size	8 3/4		
Mfg.	H.W.		
Type	J33		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	KH137		
Depth Out			
Depth In	9710	Reamed	
Total Ftg.	98		28
Total Hr. Run	19		7½
Cond. of Bit	1N		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	5.00	8.00	11.00
Weight	10.4	10.5	10.5
Visc.-Sec.	405	600+	435
W.L.-C.C.		5.8	6.2
FL TR. CK.		2/32	2/32
PH	8.5	8.9	~~9.0~~
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash	600 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9799	9836	37	D			45	38	1800	5½	60	5½	-	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	8.15	4 1/4						Drilling
8.15	8.30	¼						Rig Service
8.30	12.00	3½						Drilling 8¾ hole

No. 7805

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome S. Keele A-28 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: April 29 1972

Weather Condition: Nothing 24 | Road Conditions: Fair | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled: 1, Pumped: ___ | Camp Distance from Rig: 1/2 miles | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta | Rig No. 2 DWKS 7-10 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H, 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nasco	C 150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
7"	Sap	20 T55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming Rat Hole			3¼
Conditioning Mud & Circulating			
Trips		4¼	3
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Rig C.B.T.O. Rig Repair	1		
Coring	6½	1½	
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test Rock Dirt Fill			1¼
Other C.B. SRC	¼	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. Standb			
Total Day Work			

WIRE LINE RECORD

Reel No. 5

No. of Lines 6 Size 1 1/16

Feet Slipped 1527

Feet Cut Off 1576

Present Length

Ton Mi. or Trips Since Last Cut 381

Cumulative Ton Mi. or Trips 8294

No. of Days From Spud 79

Cumulative Rotating Hrs. 1049 1/2

MAY 8 1972

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
100	Stands D.P.	9374.54 Ft.	Bit No.	1-C
	Singles D.P.	Ft.	Size	6 3/16
1	D.C. 2¼ I.D. 6¼ O.D.	277.32 Ft.	Mfg.	DDL
	D.C. I.D. O.D.	Ft.	Type	◇
	Stb. Body O.D.	Ft.	Nozzle No.	
	Stb. Body O.D.	Ft.	Nozzle Size	
	Rmr. Body O.D.	2.26 Ft.	Ser. No.	1272
1	Subs O.D.	5.23 Ft.	Depth Out	
1	Bit or C.B.	6.65 Ft.	Depth In	9710
	Kelly Down	13.00 Ft.	Total Ftg.	25
	Total	9735.00 Ft.	Total Hr. Run	6 1/2
Wt. of String	180,000 Lbs.		Cond. of Bit	1R
Pipe in Hole	300 Jts.		Reamer No.	
Pipe on Racks	55 Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	1.30	4.00	7.00
Weight	10.5	10.5	10.6
Visc.-Sec.	64.5	72.0	52.1
W.L.-C.C.	5.0	5.0	5.2
FL TR. CK.	2/32	2/32	2/32
PH	10.0	9.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Soda Ash		200 lbs	
Caustic		200 lbs	
Spersene		400 lbs	

Driller: K. K. Thomas

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9710	9735	25	C			60	8-10	1300	5½	42			

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	12.30	1/4						Circ Cond RBL
12.30	4.15	3¾						Cut Cond #1
4.15	5.15	1						Connection Set Cond Int FO Cond
5.15	8.00	2¾						Cutting Core #1

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
97	Stands D.P.	Ft.	Bit No.	1-C
1	Singles D.P.	9125.00 Ft.	Size	6 3/16
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 Ft.	Mfg.	DDL
	D.C. I.D. O.D.	Ft.	Type	◇
	Stb. Body O.D.	Ft.	Nozzle No.	
	Stb. Body O.D.	Ft.	Nozzle Size	
1	Rmr. Body O.D.	5.23 Ft.	Ser. No.	1272
1	Subs O.D.	2.26 Ft.	Depth Out	9738
	Bit or C.B.	Ft.	Depth In	9710
	Kelly Down	21.91 Ft.	Total Ftg.	28
	Total	9710.00 Ft.	Total Hr. Run	8
Wt. of String	190,000 Lbs.		Cond. of Bit	POOR.
Pipe in Hole	292 Jts.		Reamer No.	
Pipe on Racks	63 Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	9.00	12.00	3.00
Weight	10.6	R	
Visc.-Sec.	70+	I	
W.L.-C.C.	5.2		P
FL TR. CK.	2/32		
PH	10.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McBratney

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9735	9738	3	C			60	10	1300	5½	42	5½	—	(5)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	9.30	1½						CUTTING CORE NO. 1#
9.30	9.45	1/4						RIG SERVICE & CHECK BOPS.
9.45	1.30	3¾						PULL CORE NO. 1#
1.30	3.30	2						HANDLE CORE, SERVICE BOLS & LAY DOWN.
3.30	4.00	½						RUN IN COLLARS. WIBIT NO. 35 RR.
								9710 TOP OF RAT HOLE.

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
77	Stands D.P.	Ft.	Bit No.	34 RR.
1	Singles D.P.	9125.00 Ft.	Size	8 3/4
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 Ft.	Mfg.	H.W.
	D.C. I.D. O.D.	Ft.	Type	J33
	Stb. Body O.D.	Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	20
	Rmr. Body O.D.	Ft.	Ser. No.	KH137
1	Subs O.D.	5.23 Ft.	Depth Out	
1	Bit or C.B.	2.26 Ft.	Depth In	9710
	Kelly Down	34.91 Ft.	Total Ftg.	13 K
	Total	9723.00 Ft.	Total Hr. Run	3½
Wt. of String	200,000 Lbs.		Cond. of Bit	1A
Pipe in Hole	292 Jts.		Reamer No.	
Pipe on Racks	63 Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	9.00	12.00	
Weight	10.5	10.5	
Visc.-Sec.	60.0	57.5	
W.L.-C.C.	5	5.	
FL TR. CK.	2/32	2/32	
PH	10.3	10.3	
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
9710	9723	13	R.			35	4	1300	5½	60	5½	—	5
							15						

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						RUN IN BIT NO. 35 RR.
5.00	5.15	1/4						RIG SERVICE
5.15	5.30	1/4						BROKE CIRC
5.30	7.30	2						FINISHED IN IN BIT.
7.30								BROKE CIRC 22' FILL ON TOP OF RAT HOLE
	9.30	1						CLEANING FILL.
9.30	12.00	3½						REAMING RAT HOLE.

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

No. 7804

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Petroleum Dome A-28 Keele

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

Date: April 28 1972

Weather Condition: Snowing +16 Road Conditions: Fair

Nearest Town: Nightcap Water — Source: Lake Miles Hauled: 6 Pumped: ____ Camp Distance from Rig: 150 mts Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 3 DWKS

Drill Pipe String — No. 4 Size 4½

Tool Joint 5 3/4 O.D. Type Thd. F-H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.B. Lelak.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Sap	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming + Clean Fill	4 1/2		1 1/2
Conditioning Mud & Circulating	2	3	
Trips	1 1/2	4 3/4	3 3/2
Lubricate Rig	1 1/4	1/4	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			1/2
Repair Rig			
Coring Pick up Core Brls			1 1/2
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Break Circ Room to Bottom			3/4
Fishing			
A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
97	Stands D.P.	9093.59 Ft.
1	Singles D.P.	31.41 Ft.
	D.C. 6¼	
18	I.D. O.D.	555.60 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 Wiper O.D.	5.23 Ft.
#1	Bit Sub C.B.	2.26 Ft.
	Kelly Down	21.91 Ft.
	Total	9710.00 Ft.
Wt. of String	190,000 Lbs.	
Pipe in Hole	292 Jts.	
Pipe on Racks	63 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	34
Size	8 3/4
Mfg.	Sec
Type	M44
Nozzle No.	3
Nozzle Size	20
Ser. No.	371627
Depth Out	
Depth In	
Total Ftg.	615 Reamed
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	1.00	4.00	7.00
Weight	10.4	10.5	10.4
Visc.-Sec.	2.00	375	340
W.L.-C.C.	5.0	5.0	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Kelzan	100 lbs		

Driller: K. Kittelsland

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4953	5057	104	K.			60	2-4	1500	5½	60			

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	12.30	1/4						Run in 9 stds
12.30	2.30	2						Ream from 4953 to 5057
2.30	3.45	1 1/4						Run in
3.45	6.00	2 1/4						Clean 40' Fill To Bottom
6.00	6.00	0						Circ To Condition hole For Coring

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
97	Stands D.P.	Ft.
1	Singles D.P.	9125.00 Ft.
	D.C. 2¼ 6¼	
18	I.D. O.D.	555.60 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 Wiper O.D.	5.23 Ft.
1	Bit Sub C.B.	2.26 Ft.
	Kelly Down	21.91 Ft.
	Total	9710.00 Ft.
Wt. of String	190,000 Lbs.	
Pipe in Hole	292 Jts.	
Pipe on Racks	63 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	34
Size	8 3/4
Mfg.	SEC
Type	M44
Nozzle No.	3
Nozzle Size	20
Ser. No.	371627
Depth Out	
Depth In	
Total Ftg.	615 5
Total Hr. Run	13½ 1
Cond. of Bit	2-3-1 DRILLED.
Reamer No.	REAMED.
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	8:30	10 00	11 00
Weight	10.3	10.5	10.4
Visc.-Sec.	1600	480	450
W.L.-C.C.			
FL TR. CK.	9.5	10.5	10.5
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERESENE	50#		

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
								1800	5½	120			

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	11 00	3						CIRC TO COND. HOLE PRIOR TO CORE
11 00	11 15	1/4						RIG SERVICE & CHECK BOPS.
11 15	4 00	4 3/4						PULL OUT OF HOLE SLOW (STRAPPED)

MEASURED. 9129.32

PIPE TALLY 9125.00

DIFF. 4.32

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1527
Feet Cut Off	1526
Present Length	
Ton Mi. or Trips Since Last Cut	130
Cumulative Ton Mi. or Trips	3043
No. of Days From Spud	78
Cumulative Rotating Hrs.	1037 1/2

CONSERVATION ENGINEER — MINERAL RESOURCES DIVISION — ALBERTA — Sept 8 1972

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
99	Stands D.P.	Ft.
2	Singles D.P.	9343.59
	D.C. 2¼ 6¼	
9	I.D. O.D.	277.32
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
1	Stb. Body O.D.	6.26 Ft.
	Rmr. Body O.D.	Ft.
1	Subs Wiper	5.23 Ft.
1	Bit Sub	2.26 Ft.
	Kelly Down	19.07 Ft.
	Total	9710.00 Ft.
Wt. of String	180,000 Lbs.	
Pipe in Hole	299 Jts.	
Pipe on Racks	56 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	1-C
Size	6 3/16
Mfg.	DDL
Type	◇
Nozzle No.	
Nozzle Size	
Ser. No.	1272
Depth Out	
Depth In	9710
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: K. Kittelsland

FOOTAGE

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

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	5 30	1 1/2						PICK UP CORE BBLS MAKE UP BIT SUB.
5 30	6 00	1/2						SLIP 1 WRAP OF DRILL LINE.
6 00	8 30	2 1/2						RUN IN W/ CORE BBLS SLOW.
8 30	10 00	1 1/2						CLEAN OUT BRIDGES @ 5205-5230
10 00	11 15	1 1/4						RUN IN SLOW W/ CORE BBL.
11 15	12 00	3/4						BREAK CIRC & REAM TO BOTTOM
								1' FILL ON BOTTOM

No. 7803

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et. Home Keele A-28 | Date: APRIL 22 19 72

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

Weather Condition: SNOW +18° | Road Conditions: | Nearest Town: | Water - Source: LAKE | Miles Hauled: 4 | Pumped: | Camp Distance from Rig: 1000ft | Reason for Extra L. Plant: SNOW

OPERATOR

Rig No. 2 DWKS 2-11 | Drill Pipe String: No. 2, Size 4½ | Tool joint: Type Thd. FH, O.D. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: WESTERN DECALTA

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Leland

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	600	16
2.	WAT	150	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
7 5/8	JAP	26 T55	32	1021	13.00	1020	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		1	
Reaming	7½	2	2
Conditioning Mud & Circulating		3½	13¼
Trips		1¼	4
Lubricate Rig	¼	1¼	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

DRILLING ASSEMBLY AT END OF TOUR

NO.			
69	Stands D.P.	6541.91	Ft.
2	Singles D.P.		Ft.
	D.C. I.D.	O.D. 555.60	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. 5.23	Ft.
	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	7147	Ft.

Wt. of String ____ Lbs. | Pipe in Hole 209 Jts. | Pipe on Racks ____ Jts. | Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	34
Size	8¾
Mfg.	SEC
Type	M44
Nozzle No.	3
Nozzle Size	20
Ser. No.	371627
Depth Out	
Depth In	6780
Total Ftg.	367
Total Hr. Run	9½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1.30	4.00	7.00
Weight	10.6	10.6	10.6
Visc.-Sec.	600	57.5	52.0
W.L.-C.C.	5.2	4.8	6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene		200	165
Caustic		100	6.5

Driller: D. Lloyd Hewett

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6780	7147	367	R			60	2	1800	5½	60	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
6.00	12.15	6¼						RIG APRIL REAMING
12.15	9.00	12¾						

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
97	Stands D.P.		Ft.
1	Singles D.P.	9125.00	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	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 Lt. Up.	5.23	Ft.
1	Bit or C.B. Sub	2.26	Ft.
	Kelly Down	21.91	Ft.
	Total	9710.00	Ft.

Wt. of String 190,000 Lbs. | Pipe in Hole 292 Jts. | Pipe on Racks 63 Jts. | Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	34	
Size	8¾	
Mfg.	SEC	
Type	M44	
Nozzle No.	3	
Nozzle Size	20	
Ser. No.	371627	
Depth Out		9710
Depth In		9705
Total Ftg.	429	5
Total Hr. Run	9½	1
Cond. of Bit	REAMED	DRILL
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	11:00	2.00	4.00
Weight	10.6	10.6	10.5
Visc.-Sec.	420	300+	270
W.L.-C.C.	4.9	6.4	
FL TR. CK.	2/32	2/32	
PH	9.5	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	500#		
Caustic	100#		
Super Col	300#		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9705	9710	5	D			60	35	1800	5½	60	5½	—	S
9645	9705	60	R										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						RIG SERVICE & CHECK BOPS.
8.15	9.30	1¼						RUN IN TO BOTTOM.
9.30	11.30	2						BREAK CIRC & CLEAN TO BOTTOM & CIRC. 1 HR
11.30	12.30	1						DRILLING
12.30	4.00	3½						CIRCULATING COND. MUD & HOLE PRIOR TO CORE

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
37	Stands D.P.		Ft.
1	Singles D.P.	3545.96	Ft.
18	D.C. 6¼ I.D.	O.D. 555.60	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 IWEP O.D.	5.26	Ft.
1	Bit 3½ or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	4153.95	Ft.

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

BIT RECORD

Bit No.	34	
Size	8 3/4	
Mfg.	Sec	
Type	M44	
Nozzle No.	3	
Nozzle Size	20	
Ser. No.	371627	
Depth Out		
Depth In		
Total Ftg.	511 R.	
Total Hr. Run	11½	
Cond. of Bit		
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	5.00	11.00
Weight	10.6	10.3
Visc.-Sec.	420	300
W.L.-C.C.		5.0
FL TR. CK.		2/32
PH	9.0	10.5
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	50 lbs		
Spersene	150 lbs		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4050	4154	74	R			60	2-4	1800	5½	60			

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						Rig SERVICE
4.15	6.00	1¾						CIRC COND. MUD & HOLE PRIOR TO CORE
6.00	9.45	3¾						TRIP OUT FOR CORE BBLS. ALSO
								PULL OUT TO 3705 MEASURE OUT
								hole was Tight
								Run in To 4080
9.45	10.00	¼						Ream Out Bridge From 4050 to 4154
10.00	12.00	2						
								Pulled Tight From 6512 - 6139
								@ 5191 @ 4205
								@ 5057 @ 4050
								@ 4609

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	1478
Feet Cut Off	1527
Present Length	
Ton Mi. or Trips Since Last Cut	444
Cumulative Ton Mi. or Trips	7784
No. of Days From Spud	77
Cumulative Rotating Hrs.	1037½

DEPARTMENT OF MINES AND RESOURCES — CONSERVATION ENGINEER — MAY 8 1972 — YELLOWKNIFE, N.W.T. — NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 7802

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECO Trail Area Rock A-28

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

Date: APRIL 26 1972

Weather Condition: CLEAR +15° Road Conditions: GOOD

Nearest Town: FT NORMAN. Water - Source: ____ Miles Hauled: ____ Pumped: ____ Camp Distance from Rig: 1200 Ft. Reason for Extra L. Plant: ____

OPERATOR: WESTERN DECALTA

Rig No. 2 — Drill Pipe String: DWKS 0-11, No. 5, Size 4½ — Tool Joint: Type Thd. FH, O.D. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: DB Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	TIDECO	6-30	16
2.	WAT	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB, to CSG. HD.	Set at	Remarks
9 5/8	IAP	36 J55	32	1071	13.00	1322	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	7¾	13¼	
Conditioning Mud & Circulating		5	
Trips		1	
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1½
Feet Slipped	1478
Feet Cut Off	1527
Present Length	
Ton Mi. or Trips Since Last Cut	252
Cumulative Ton Mi. or Trips	7592
No. of Days From Spud	176
Cumulative Rotating Hrs.	1036½

CONSERVATION DIVISION — DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — NORTHERN ADMINISTRATION BRANCH — OTTAWA — RECEIVED — MAY 8 - YAM

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
65	Stands D.P.	[redacted]	Ft.
1	Singles D.P.	6086.47	Ft.
	D.C.		
18	I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs O.D.	5.23	Ft.
	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	6647.84	Ft.

Wt. of String: 142,000 Lbs.
Pipe in Hole: 198 Jts.
Pipe on Racks: Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	33
Size	8¾
Mfg.	Hwi.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	34768
Depth Out	
Depth In	4900
Total Ftg.	912
Total Hr. Run	37½
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1.40		7
Weight	10.6	10.6	10.7
Visc.-Sec.	660	670	700
W.L.-C.C.	5	5.2	5.4
FL TR. CK.	2/32	2/32	2/32
PH	11	11	11
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Elliott

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5493	5770	277	R			60	2	1800	5½	60	5½		
Run IN 9 STDS.													
6605	6647	42	R			60	2	1800	5½	60	5½		

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 REPAIR.
1215	800	19¾						CLEAN OUT SHALE BRIDGES TO 6647

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
65	Stds. D.P.		Ft.
2	Singles D.P.	6167.31	Ft.
	D.C. 2¼ I.D. 6¼ O.D.		
18		555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Subs O.D.	5.23	Ft.
	Rmr. Body O.D.		Ft.
1	Subs O.D.	2.26	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.00	Ft.
	Total	6772.40	Ft.

Wt. of String: 142,000 Lbs.
Pipe in Hole: 197 Jts.
Pipe on Racks: Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	33
Size	8¾
Mfg.	Hwi.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	34768
Depth Out	6772
Depth In	4900
Total Ftg.	1037
Total Hr. Run	39
Cond. of Bit	[redacted]
Reamer No.	2-4-1
Reamer Type	

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

MUD RECORD

Time	5.30	11.30	3.00
Weight	10.5*	10.6	10.7
Visc.-Sec.	500	500*	500*
W.L.-C.C.	5.2	5.0	4.8
FL TR. CK.	2/32	2/32	2/32
PH	11	11	11
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
760	[redacted]	Gel	
	1100	# SUPERCOL	

Driller: Lloyd 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
6647	6772	125	K			60	2	1800	5½	60	5½	—	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						RIG SERVICE & CHECK BOPS.
8.15	10.00	1¾						REAMING SHALE BRIDGES TO 6772
10.00	3.00	5						CIRC COND. HOLE PRIOR TO TRIP.
3.00	4.00	1						TRIP OUT.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
66	Stands D.P.	6198.47	Ft.
	Singles D.P.		Ft.
	D.C.		
18	I.D. O.D.	555.60	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.	5.23	Ft.
2	Bit or C.B.	2.26	Ft.
	Kelly Down	20.00	Ft.
	Total	6780.56	Ft.

Wt. of String: 142,000 Lbs.
Pipe in Hole: 198 Jts.
Pipe on Racks: Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	34
Size	8¾
Mfg.	SEC
Type	M44
Nozzle No.	3
Nozzle Size	20
Ser. No.	321627
Depth Out	
Depth In	6780
Total Ftg.	
Total Hr. Run	34
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time			1.30
Weight			10.6
Visc.-Sec.			700
W.L.-C.C.			5.2
FL TR. CK.			2/32
PH			10.7
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Elliott

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6772	6780	8				60	2	1800	5½	60	5½	—	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						RIG SERVICE
4.15								TRIP FOR BIT.
								HOLE BRIDGES @ FAT 4670 TO START
								TRIP IN TO 6600 BREAK CIRC
								AND TO 6750 HOLE BRIDGES OFF
	11.15	7						REAM BRIDGES
11.15	12.00	¾						

No. 7801

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta E. Dansereau A-28

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

Date: APRIL 25 19 72

Weather Condition: 8800 +10° Road Conditions: Good

Nearest Town: FORT NORMAN Water - Source: WELL Miles Hauled: 4 Pumped: ..... Camp Distance from Rig: 100 YDS Reason for Extra L. Plant

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

Rig No.: 2 DWKS 7-11

Drill Pipe String: No. ..... size 4½

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

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	WAT	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	IAP	36 J55	32	1021	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	7¾	7¼	8
Conditioning Mud & Circulating			
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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	1498
Feet Cut Off	1527
Present Length	
Ton Mi. or Trips Since Last Cut	100
Cumulative Ton Mi. or Trips	2440
No. of Days From Spud	25
Cumulative Rotating Hrs.	160½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
49	Stands D.P.	4678.52	Ft.
2	Singles D.P.		Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	5276.12	Ft.

Wt. of String: 126,000 Lbs.

Pipe in Hole: 147 Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	33
Size	8¾
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	34968
Depth Out	
Depth In	
Total Ftg.	376
Total Hr. Run	13¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker:

Trucker:

Trucker:

MUD RECORD

Time	1.30	4.30	7.00
Weight	10.4	10.6	10.6
Visc.-Sec.	590	5017	585
W.L.-C.C.	5.6	5.7	5.8
FL TR. CK.	2/32	2/32	2/32
PH	11	11	11
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000	LBS	

Driller: Lloyd Sloat

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.	4795.10	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	5400.19	Ft.

Wt. of String: 128,000 Lbs.

Pipe in Hole: 153 Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	33
Size	8¾
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	34968
Depth Out	
Depth In	
Total Ftg.	500
Total Hr. Run	21½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker:

Trucker:

Trucker:

MUD RECORD

Time	5.30	11.30	3.00
Weight	10.6	10.7	10.7
Visc.-Sec.	505	500	500
W.L.-C.C.	5.4	5.6	5.4
FL TR. CK.	2/32	2/32	2/32
PH	11.0	11.0	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3500 lbs		
KELZAN	50 lbs.		
Spercene	600 lbs		
Caustic	100 lbs		

Driller: Lloyd Sloat

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.	4885.18	Ft.
	Singles D.P.		Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub	5.23	Ft.
1	Bit or C.B.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	5493.87	Ft.

Wt. of String: 130,000 Lbs.

Pipe in Hole: 156 Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	33
Size	8¾
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	34968
Depth Out	
Depth In	
Total Ftg.	593
Total Hr. Run	29½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker:

Trucker:

Trucker:

MUD RECORD

Time	5.30	8.00	11.00
Weight	10.7	10.6	10.6
Visc.-Sec.	700+	7.50	600
W.L.-C.C.	4.8	5.2	5.5
FL TR. CK.	2/32	2/32	2/32
PH	11.0	11	11
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Sloat

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4999	5276	277	R			60	2-3	1800	5½	60			

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 SERV.
1215	800	7¾						[illegible] + CLEAN SHALE OUT OF HOLE TO 5276

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5276	5400	124	R			60	2	1800	5½	60	5½		

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
815	400	7¾						CLEAN OUT SHALE RIDGES TO 5400

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5400	5493	93	R			60	2	1800	5½	60	5½		

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							CLEAN OUT SHALE RIDGES TO 5493

BOWARD [illegible] MAY 9 1972

No. 7850

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et. Dome Kaelke A2E

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

Date: APRIL 24 19 77

Weather Condition: COOL Road Conditions: Nearest Town:

Water — Source: PATT Miles Hauled: 4 Pumped: Camp Distance from Rig: 1000'/105 Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6 O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.B. Lalack

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EDECO	600	16
2.	NHT	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAI	36 J55	32	1021	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			6
Conditioning Mud & Circulating			
Trips		3	1¼
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line		½	½
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test STUCK PIPE	7¼	13¾	
Other		2½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. 5

No. of Lines 8 Size 1/8

Feet Slipped 1478

Feet Cut Off 1527

Present Length

Ton Mi. or Trips Since Last Cut 50

Cumulative Ton Mi. or Trips 7440

No. of Days From Spud 18

Cumulative Rotating Hrs. 1036½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
49	Stands D.P.	4634.82 Ft.
8	Singles D.P.	Ft.
	D.C. I.D. O.D.	555.60 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 Mill Rub	5.23 Ft.
1	Bit Sub	2.26 Ft.
	Kelly Down	40.00 Ft.
	Total	5242.91 Ft.

Wt. of String 120,000 Lbs.

Pipe in Hole 148 Jts.

Pipe on Racks 54 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	32
Size	8¾
Mfg.	SEC
Type	
Nozzle No.	3
Nozzle Size	20
Ser. No.	9122261
Depth Out	
Depth In	4050
Total Ftg.	1192
Total Hr. Run	69¼
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1:00	2:00	11:30
Weight	10.6	10.6	10.4
Visc.-Sec.	517	520	630
W.L.-C.C.	5.6	5.4	5.6
FL TR. CK.	2/32	2/32	2/32
PH	11.5	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2200 LBS		

Driller: Lloyd Leask

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5201	5242	41	R			50	2	1800	5½	60			

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 SERV
12:15	6:00	17¾						CLEAN OUT SHALE STUCK AT 5230

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	Stands D.P.	Ft.
	Singles D.P.	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 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 Mill Rub	5.23 Ft.
1	Bit or Sub.	2.26 Ft.
	Kelly Down	Ft.
	Total	Ft.

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	32	33
Size	8¾	8¾
Mfg.	SEC	H.W
Type		XDV
Nozzle No.	3	3
Nozzle Size	20	20
Ser. No.	9122261	34768
Depth Out	5242	
Depth In	4050	
Total Ftg.	1192	
Total Hr. Run	69¼	
Cond. of Bit	PINCHED 2-3-0	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	8:30	
Weight	10.7	
Visc.-Sec.	500+	
W.L.-C.C.	5.6	
FL TR. CK.	½	
PH	11.5	
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. McLachlan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5242													

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:45	1 ¾						WORK STUCK PIPE
9:45	10:00	¼						RIG SERVICE & CHECK BOPS.
10:00	1:00	3						PULL OUT OF HOLE SLOW
1:30	3:30	2½						CHANGED BIT, BREAK & REDOPE ALL DRILL COLLARS.
3:30	4:00	½						SLIP & CUT DRILLING LINE 98 FT.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
47	Stands D.P.	4394.52 Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs Mill Rub	5.23 Ft.
1	Bit Sub	2.26 Ft.
	Kelly Down	42.00 Ft.
	Total	4999.61 Ft.

Wt. of String 118,000 Lbs.

Pipe in Hole 141 Jts.

Pipe on Racks 54 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	33	
Size	8¾	
Mfg.	H.W	
Type	XDV	
Nozzle No.	3	
Nozzle Size	20	
Ser. No.	34768	
Depth Out		
Depth In	4900	
Total Ftg.	99	
Total Hr. Run	6	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6:30	9:00	11:30
Weight	10.6	10.6	10.7
Visc.-Sec.	500+	500	600
W.L.-C.C.	4.8	5	5.8
FL TR. CK.	½	2/32	2/32
PH	11	11	11
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	800	LBS	

Driller: Lloyd Leask

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4900	4999	99	R			50	2	1000	5½	60			

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						SLIP & CUT DRILLING LINE
4:30	4:45	¼						RIG SERVICE
4:45	6:00	1 ¼						RUN IN HOLE FILL BIT NO. 33
6:00	12:00	6						TO 4900' REAMING (CLEAN OUT SHALE BRIDGES)

No. 7849

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta ET Dome Keele A28

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

Date: APRIL 23 19 72

Weather Condition: COOL Road Condition: Nearest Town: Water - Source: LAKE Miles Hauled: 1/4 Pumped: Camp Distance from Rig: 1000 YDS Reason for Extra L. Plant:

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lelak

Rig No. 2 — DWKS 7-11

Drill Pipe String: No. 2, Size 4½

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	W&T	150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	J+L	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	7¾	7¾	
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4	1/4	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating	
B. Tubing Trips	
C. Swabbing	
D. Testing	
E. Additional	8
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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	1429
Feet Cut Off	1478
Present Length	
Ton Mi. or Trips Since Last Cut	270
Cumulative Ton Mi. or Trips	7390
No. of Days From Spud	93
Cumulative Rotating Hrs.	1045½ 1036½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.	4141	Ft.
18	D.C. I.D. 6¼ O.D. 6¼	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Sub O.D.	5.23	Ft.
	Bit O.D.	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	4746	Ft.
Wt. of String		120,000	Lbs.
Pipe in Hole		128	Jts.
Pipe on Racks		54	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	32
Size	8 3/4
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912226
Depth Out	
Depth In	4050
Total Ftg.	696
Total Hr. Run	46
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker: ____ Trucker: ____ Trucker: ____

MUD RECORD			
Time	2.30	4.30	7.00
Weight	10.6	10.6	10.6
Visc.-Sec.	580	540	507
W.L.-C.C.	4.8	5.6	6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100	lbs	

Driller: Lloyd 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
4650	4746	96	R			50	2	1800	5½	60	5½		

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	1215	5¼						RIG SERV.
1215	2000	7¾						CLEAN OUT SLUFFING SHALE

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
49	Stands D.P.	4452.20	Ft.
1	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.	5.23	Ft.
	Sub O.D.		Ft.
	Bit or ~~C.C.~~	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	5052.30	Ft.
Wt. of String		126,000	Lbs.
Pipe in Hole		142	Jts.
Pipe on Racks			Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	32
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912226
Depth Out	
Depth In	4050
Total Ftg.	1007
Total Hr. Run	53¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker: ____ Trucker: ____ Trucker: ____

MUD RECORD			
Time	5.30	11.30	3.30
Weight	10.7+	10.7+	10.7+
Visc.-Sec.	50+	50+	50+
W.L.-C.C.	5.6	5.2	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100	lbs	

Driller: Lloyd 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
4746	5057	311	R			50	2	1800	5½	60	5½		

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						RIG SERVICE & CHECK BOPS.
8:15	4:00	7¾						REAMING (CLEAN OUT SHALE)

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
49	Stands D.P.	4608.60	Ft.
	Singles D.P.		Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub O.D.	5.23	Ft.
1	Bit or Stab	2.26	Ft.
	Kelly Down	42.00	Ft.
	Total	5201	Ft.
Wt. of String		126,00	Lbs.
Pipe in Hole		147	Jts.
Pipe on Racks		54	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD	
Bit No.	32
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	912226
Depth Out	
Depth In	4050
Total Ftg.	1151
Total Hr. Run	61½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker: ____ Trucker: ____ Trucker: ____

MUD RECORD			
Time	5.00	8.30	11.00
Weight	9.7+	10.7	10.6
Visc.-Sec.	500+	520	547
W.L.-C.C.	4.4	6.4	6.2
FL TR. CK.	2/32	2/32	2/32
PH	11.5	11	11.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100	lbs	
Spersene	200	lbs	
Gel	900	lbs	

Driller: Lloyd 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
5057	5201	144	2			50	2	1800	5½	60	5½		

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	1/4						RIG SERVICE
4:15	12:00	7¾						REAMING (CLEAN OUT SHALE)

DEPARTMENT OF MINES AND RESOURCES
CONSERVATION AND DEVELOPMENT
NORTHERN ENGINEERING
MAY 1 - 1972
CALGARY, ALBERTA

No. 7848

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta ET. Dome Rede A26

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

Date: APRIL 22 1972

Weather Condition: 8 OVC +5° | Road Conditions | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped: ____ | Camp Distance from Rig: 1000 | Reason for Extra L. Plant: 3 MAN

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

Rig No. 2 DWKS 4-11

Drill Pipe String: No. 3 Size 4½

Tool Joint: Type Thd. FA O.D. 6

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	WAT	C150	12
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝	TAP	36-J55	32	1027	13'	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	9¾	7¾	8
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4	1/4	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
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.	5
No. of Lines	8
Size	1⅛
Feet Slipped	1429
Feet Cut Off	1478
Present Length	
Ton Mi. or Trips Since Last Cut	270
Cumulative Ton Mi. or Trips	7390
No. of Days From Spud	73
Cumulative Rotating Hrs.	1045½ 1036½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
39	Stands D.P.	3105.20 Ft.	Bit No.	32
S	Singles D.P.	~~4149.94~~ Ft.	Size	8 3/4
18	D.C. 4¼ 6¼ I.D. O.D.	555.60 Ft.	Mfg.	SEC.
	D.C. I.D. O.D.	Ft.	Type	S88
	Stb. Body O.D.	Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	20
	Rmr. Body O.D.	Ft.	Ser. No.	9122261
	Subs O.D.	6.23 Ft.	Depth Out	
	Bit or C.B.	2.26 Ft.	Depth In	4050
	Kelly Down	41.00 Ft.	Total Ftg.	259
	Total	4809.94 Ft.	Total Hr. Run	22¾
Wt. of String	112,000 Lbs.		Cond. of Bit	
Pipe in Hole	118 Jts.		Reamer No.	
Pipe on Racks	54 Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	20°	6.00	7.30
Weight	10.5	10.6	10.6
Visc.-Sec.	340	450	455
W.L.-C.C.	4.8	6.2	
FL TR. CK.	2/32	2/32	
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Gel	1500	LCS	

Driller: Lloyd Clark

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
12000	~~12~~13	~~4~~			Rig Serv.	50	2	1800	5½	60	5½		
12~~15~~													
4153	4309	156											

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
1300	1215	~~4~~						Rig Serv.
1215	500	7¾						Reaming Sluffing Shale

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
42	Stands D.P.	3953.96	Bit No.	32
	Singles D.P.	Ft.	Size	8 3/4
18	D.C. 2¼ 6¼ I.D. O.D.	555.60	Mfg.	SEC
	D.C. I.D. O.D.	Ft.	Type	S88
	Stb. Body O.D.	Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	20
	Rmr. Body O.D.	Ft.	Ser. No.	9122261
	Subs Upper	5.23 Ft.	Depth Out	
	C.to Bit Sub	2.26 Ft.	Depth In	4050
	Kelly Down	42.00 Ft.	Total Ftg.	509
	Total	4559.05 Ft.	Total Hr. Run	30½
Wt. of String	115,000 Lbs.		Cond. of Bit	
Pipe in Hole	126 Jts.		Reamer No.	
Pipe on Racks	Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	8.30	11.30	330
Weight	10.6	10.6	10.6
Visc.-Sec.	380	500+	500+
W.L.-C.C.	5.4	6.0	5.8
FL TR. CK.	2/32	2/32	2/32
PH	8.5	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Caustic	100 lbs		

Driller: Lloyd McCutcheon

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW C R? RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4309	4559	250	R										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						Rig Service & Check Bops.
815	400	7¾						Reaming Sluffing Shale (Bridges)

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	4049 Ft.	Bit No.	32
	Singles D.P.	Ft.	Size	8 3/4
18	D.C. I.D. O.D.	555.60 Ft.	Mfg.	SEC
	D.C. I.D. O.D.	Ft.	Type	S88
	Stb. Body O.D.	Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	20
1	Rmr. Upper D.	5.23 Ft.	Ser. No.	9122261
1	Subs Bit Sub	2.26 Ft.	Depth Out	
	Bit or C.B.	Ft.	Depth In	4050
	Kelly Down	41.00 Ft.	Total Ftg.	600
	Total	4650 Ft.	Total Hr. Run	38¼
Wt. of String	118,000 Lbs.		Cond. of Bit	
Pipe in Hole	127 Jts.		Reamer No.	
Pipe on Racks	54 Jts.		Reamer Type	
Total Pipe on Lease	355 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD			
Time	530	9.00	1200
Weight	10.6	10.6	10.6
Visc.-Sec.	475	550	575
W.L.-C.C.	6.0	5	5
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Gel	1500 lbs		
Caustic	150 lbs		

Driller: Lloyd Clark

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4559	4650	91	R										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8						Reaming Sluffing Shale (Bridges)

THE ALBERTA OIL & GAS CONSERVATION BOARD
DEPARTMENT OF MINES AND MINERAL RESOURCES
CALGARY, ALBERTA
APR 27 1972

No. 7847

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Desalta Ft. Dome Keels SAND

Date: APRIL 21 19 72

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

Weather Condition: COOL TO | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: SPARE

OPERATOR: Western DESALTA

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 3 Size 4½

Tool Joint: Type Tbd. 6 O.D. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

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

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36 J55	32	1027	13	1020	

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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	1429
Feet Cut Off	1418
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	210
No. of Days From Spud	22
Cumulative Rotating Hrs.	~~1045½~~ 1036½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
96	Stands D.P.	9062.52	Ft.
0	Singles D.P.		Ft.
18	D.C. I.D. O.D.	555.60	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 ~~Mud Motor~~ O.D.	5.23	Ft.
1	Bit or ~~Scrd~~ C.B.	2.26	Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String 200,00 Lbs.

Pipe in Hole 290 Jts.

Pipe on Racks 65 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD			
Bit No.	3 RR	32	
Size	8¾	8¾	
Mfg.	H.W	SEC.	
Type	J33	S88	
Nozzle No.	3	3	
Nozzle Size	20	20	
Ser. No.	KH131	912226	
Depth Out	9705		
Depth In	9581	9705	
Total Ftg.	124		
Total Hr. Run	26		
Cond. of Bit			
Reamer No.			
Reamer Type			

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

Trucker ____ ____ ____

Trucker ____ ____ ____

Trucker ____ ____ ____

MUD RECORD			
Time	100		
Weight	10.4+		
Visc.-Sec.	180		
W.L.-C.C.	5.8		
FL TR. CK.	2/32		
PH	10.0		
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added Type	Amt.	Type	Amt.
GEL	600 LBS.		

Driller: Lloyd Short

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9705													

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	9705	3½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERV.
1215	400	3¾						CIRC. & PUFFING SHALE OUT OFF HOLE AT 4080
~~400~~								
400	600	2						HOIST OUT OFF HOLE
600	630	½						LAY DOWN 2-7" D.C.
630	800	1½						RUN I.S.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
37	Stands D.P.		Ft.
2	Singles D.P.	3548.80	Ft.
18	D.C. I.D. 2¼ 6¼ O.D.	555.60	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body ~~Mud Motor~~ O.D.	5.23	Ft.
1	Stb. Body O.D.	2.26	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String 110,000 Lbs.

Pipe in Hole 133 Jts.

Pipe on Racks Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD			
Bit No.	32		
Size	8¾		
Mfg.	SEC		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	912226		
Depth Out			
Depth In	9705		
Total Ftg.	60		
Total Hr. Run	7		
Cond. of Bit			
Reamer No.			
Reamer Type			

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

Trucker ____ ____ ____

Trucker ____ ____ ____

Trucker ____ ____ ____

MUD RECORD			
Time	11⁰⁰	1³⁰	3⁰⁰
Weight	10.5+	10.5	10.5
Visc.-Sec.	225	240	230
W.L.-C.C.	4.2	5.0	4.6
FL TR. CK.	1/32 W	1/32 W	1/32 W
PH	9.0	9.5	9.5
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added Type	Amt.	Type	Amt.
Caustic	100 lbs		
Sparsene	100 lbs		

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'el-P Com'd-C
4050	4110	60	R			50	2	1800	5½	60	5½		

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
7²⁰	8¹⁵	¼						RIG SERVICE & CHECK BOPS.
8¹⁵	9⁰⁰	¾						RUN IN W/ BIT 32
9⁰⁰	4⁰⁰	7						CLEAN OUT AT 4050-4110

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.	3500.00	Ft.
	Singles D.P.		Ft.
18	D.C. I.D. O.D.	555.60	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 ~~Mud Motor~~ O.D.	5.23	Ft.
1	Bit ~~or C.B.~~	2.56	Ft.
	Kelly Down	41.00	Ft.
	Total	4104.07	Ft.

Wt. of String 118,000 Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD			
Bit No.	32		
Size	8¾		
Mfg.	SEC.		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	912226		
Depth Out			
Depth In	4050		
Total Ftg.	103		
Total Hr. Run	15		
Cond. of Bit			
Reamer No.			
Reamer Type			

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

Trucker ____ ____ ____

Trucker ____ ____ ____

Trucker ____ ____ ____

MUD RECORD			
Time	5⁰⁰	8⁰⁰	10⁰⁰
Weight	10.5	10.5	10.5
Visc.-Sec.	230	450	350
W.L.-C.C.	4.4	4.6	2.7
FL TR. CK.	~~2/32~~	2/32	2/32
PH	10.	10	10
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added Type	Amt.	Type	Amt.
Gel	200 LBS		

Driller: Lloyd Short

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
~~4110~~													
4110	4153	43	R			50	2	1800	5½	60	5½		

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								CLEAN OUT BRIGE AT 4110-4153 THE HOLE KEEPS SLOUGHING IN.
	1200	8						

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
YELLOWKNIFE, N.W.T.
MAY 1 - 1972

No. 7846

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta et al Dome Reclaim 28 — Date: APRIL 20 1972

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

Weather Condition: COOL — Road Conditions: — Nearest Town: — Water - Source: LAKE — Miles Hauled: — Pumped: — Camp Distance from Rig: 1000 FOOT — Reason for Extra L. Plant: SPARE

OPERATOR: WesTean Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½ — Tool Joint: Type Thd. FH — O.D. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Leblanc

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NAT	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J55	32	1021	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¾	
Reaming			
Conditioning Mud & Circulating		5	
Trips		1	
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1429
Feet Cut Off	1428
Present Length	
Ton Mi. or Trips Since Last Cut	270
Cumulative Ton Mi. or Trips	2390
No. of Days From Spud	71
Cumulative Rotating Hrs.	1046½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
96	Stands D.P.		
5	Singles D.P.	9031.25	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
2	D.C. 2¼ I.D. 7 O.D.	61.40	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Bmr. Bumper Sub	5.23	Ft.
1	Sub K/P O.D.	3.96	Ft.
	Bit Sub	4.00	Ft.
	Kelly Down	35.56	Ft.
	Total	9691.00	Ft.

Wt. of String 200,000 Lbs.
Pipe in Hole 389 Jts.
Pipe on Racks 66 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	31 RR
Size	9 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH 137
Depth Out	
Depth In	9581
Total Ftg.	116
Total Hr. Run	24¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	100	4.00	1.00
Weight	10.4	10.4+	10.4+
Visc.-Sec.	182	180	175
W.L.-C.C.	5.4	5.2	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Short

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9660	9697	37	D			35-45	35	1800	5½	62	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	¼						RIG SERV.
12 15	9 00	7¾						DRILLING

NOTE
ENCOUNTERED SOME ANHYDRATE MIX SPERSENE & CAUSTIC TAT TO KEEP PH UP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
96	Stands D.P.		
2	Singles D.P.	9062.52	Ft.
2	D.C. 2¼ I.D. 7 O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
1	Bmr. Bumper Sub	5.23	Ft.
1	Bmr. Sub O.D.	3.96	Ft.
1	Sub Bit Sub	4.00	Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.29	Ft.
	Total	9705.00	Ft.

Wt. of String 220,000 Lbs.
Pipe in Hole 290 Jts.
Pipe on Racks 65 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	31 RR
Size	8 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH 137
Depth Out	
Depth In	9581
Total Ftg.	124
Total Hr. Run	21¢
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	800	1100	300
Weight	10 4	10.4+	10.4
Visc.-Sec.	220	500	225
W.L.-C.C.	5.2	5.6	5 4
FL TR. CK.	2/32	2/32	2/32
PH	8.5	8.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	350 lbs		
Spersene	550 lbs		

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9697	9705	8	D			35/45	35	1750	5½	62	5½	—	(S)

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 45	3¼						DRILLING
8 45	9 00	¼						RIG SERVICE + CHECK BOPS.
9 00	10 00	1						DRILLING
10 00	3 00	5						CIRCULTING COND. MUD. PRIOR TO TEST.
3 00	4 00	1						TRIP OUT TO TEST

CONDITIONING MUD PRIOR TO TEST ANHYDRATE ENCOUNTERED, MUD HEAVY & PH LOW, MIXING CHEMICAL & TRY TO BRING UP DOWN, PRIOR TO TEST

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
96	Stands D.P.		
2	Singles D.P.	9062.52	Ft.
2	D.C. 2¼ I.D. 7 O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Bmr. Bumper Sub O.D.	5.23	Ft.
1	Sub K/P O.D.	3.96	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	12.29	Ft.
	Total	9705.00	Ft.

Wt. of String 200,000 Lbs.
Pipe in Hole 290 Jts.
Pipe on Racks 65 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	31RR
Size	8 3/4
Mfg.	H.W.
Type	J 33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	9705
Depth In	9581
Total Ftg.	124
Total Hr. Run	26
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	800	1000	1200
Weight	10.2	10.4	10.4+
Visc.-Sec.	910	200	205
W.L.-C.C.	6		5.8
FL TR. CK.	2/32		2/32
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Short

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9705													

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						TRIP OUT TO TEST
6 00	8 00	2						WORK STUCK PIPE. CIRCULATING [redacted]
								PULL TIGHT AT 5890, 5549, 4862, 4769, (4021 STUCK)
8 00	12 00	4						CIRC. WORK PIPE CIRC SWEEPING, CHOKE OUT OFF HOLE AT 4085

No. 7845

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta ET Al Boome-Keele

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

Date: APRIL 19 19.72

Weather Condition: Cool | Road Conditions | Nearest Town | Water - Source: LAKE | Miles Hauled ____ Pumped ____ | Camp Distance from Rig: 100 FT | Reason for Extra L. Plant: SPARE

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Leduke

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36 J55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1	7¾	7¾
Reaming	5¼		
Conditioning Mud & Circulating			
Trips	1½		
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	1429
Feet Cut Off	1478
Present Length	
Ton Mi. or Trips Since Last Cut	135
Cumulative Ton Mi. or Trips	2120
No. of Days From Spud	70
Cumulative Rotating Hrs.	1036

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
95	Stands D.P.	8939.64 Ft.
2	Singles D.P.	Ft.
2	D.C. 7 I.D. O.D.	61.40 Ft.
18	D.C. 6¼ I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
1	Stabilizer O.D.	5.23 Ft.
	Rmr. Body O.D.	Ft.
1	Sub O.D.	3.96 Ft.
1	Bit C.B.	4.00 Ft.
	Kelly Down	18.17 Ft.
	Total	9586 Ft.

Wt. of String: 200,000 Lbs.
Pipe in Hole: 286 Jts.
Pipe on Racks: 69 Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	31 RR
Size	8¾
Mfg.	H.W
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9581
Total Ftg.	5
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	1 00	2.30	7.00
Weight	10.5	10.5	10.3
Visc.-Sec.	185	250	210
W.L.-C.C.	7.6	4.8	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Stout

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9581	9586	5	D			35	35	1800	5½	62	5½	—	9

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 up Rot.
1215	1315	1						Ream Brige at 5800
1315	200	¾						Run in to 8580
200	315	1¼						Ream Brige at 8580
315	400	¾						Run into 9490
400	700	3						Ream to Bottom
700	800	1						Drilling

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
95	Stands D.P.	8968.64 Ft.
2	Singles D.P.	Ft.
2	D.C. 2¼ 7 I.D. O.D.	61.40 Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
1	Stabilizer O.D.	5.23 Ft.
1	Rmr. Body O.D.	3.96 Ft.
1	Sub Bitosub O.D.	4.00 Ft.
	Bit or C.B.	Ft.
	Kelly Down	14.17 Ft.
	Total	9613.00 Ft.

Wt. of String: 200,000 Lbs.
Pipe in Hole: 282 Jts.
Pipe on Racks: 68 Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	31 RR
Size	8 3/4
Mfg.	H.W
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9581
Total Ftg.	32
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	9.30	11 00	3 00
Weight	10.4	10.4	10.4
Visc.-Sec.	185	175	190
W.L.-C.C.	5.2	5.2	4.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1100 #		

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'el-P Com'd-C
9586	9613	27	D			35 45	35	1800	5½	62	5½		(5)

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	230	6½						DRILLING
230	245	¼						CON & RIG SERVICE & CHECK BOPS
245	400	1 1/4						DRILLING

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
96	Stands D.P.	8999.91 Ft.
	Singles D.P.	Ft.
18	D.C. 2¼ 6¼ I.D. O.D.	555.60 Ft.
2	D.C. 2¼ 7 I.D. O.D.	61.40 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
1	Stabilizer O.D.	5.23 Ft.
1	Subs O.D.	3.96 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	29.84 Ft.
	Total	9660.00 Ft.

Wt. of String: 200,000 Lbs.
Pipe in Hole: 288 Jts.
Pipe on Racks: 67 Jts.
Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	31 R.R.
Size	8 3/4
Mfg.	H.W.
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
Depth Out	
Depth In	9581
Total Ftg.	79
Total Hr. Run	16½
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	10.00
Weight	9.3+	10.4	10.4
Visc.-Sec.	190	191	185
W.L.-C.C.	4.8	4.6	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Stout

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9613	9660	47	D			45	35	1800	5½	62	5½		(5)

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	800	4						DRILLING
800	815	¼						Rig Serv.
815	1200	3¾						DRILLING

APR 25 1972
ALBERTA DEPARTMENT OF MINES AND MINERALS
CONSERVATION SECTION
DEPARTMENT OF MINES AND MINERALS
MINERAL ECONOMY
PETROLEUM AND NATURAL GAS

No. 7844

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Ft. Al. Dome Kede S. A-28

Date: April 18 1972

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

Weather Condition: Cool | Road Conditions | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped ____ | Camp Distance from Rig: 100 yds | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R Lelake

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint O.D.	Type Thd.
2 DWKS 7-11	2	4½	6	EH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jep	36 J55	32	1021	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve.
Rig Up & testing ~~Tree Brown tool~~	3		
Drilling Actual			
Reaming			1½
Conditioning Mud & Circulating			2½
Trips	3¾	4¼	
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.			
~~Cut Off~~ Slip Drilling Line	¼		1
Repair Rig			1
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	¾		1¾
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.	5
No. of Lines / Size	8 / 1 1/8
Feet Slipped	1429
Feet Cut Off	1478
Present Length	
Ton Mi., or Trips Since Last Cut	135
Cumulative Ton Mi. or Trips	7120
No. of Days From Spud	69
Cumulative Rotating Hrs.	1019½

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.

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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 9570 | Dev. 3 1/8° | 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	1:20	1 1/2						Trip out to run test.
1:30	1:45	1/4						Closed blind rams & rig service.
1:45	~~4:45~~	3 ~~3/4~~						Pick up testing tool & make up
4:45	5:00	1/4						Slip 49' of line.
5:00	5:30	1/2						Run in slow to 1000'
5:30	6:15	3/4						Fill pipe with water
6:15	8:00	1 3/4						Run in slow with packer.

8939.69 Pipe tally
8937.64 Board tally
2.05 diff.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
95	Stands D.P.	893764	Ft.
9	Singles D.P.		Ft.
2	D.C. 2¾ I.D. O.D.	61.40	Ft.
18	D.C. 2 1/16 6¼ I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~C.B.~~	4.00	Ft.
	Kelly Down	18.40	Ft.
	Total	9581.00	Ft.
Wt. of String		204,200	Lbs.
Pipe in Hole		286	Jts.
Pipe on Racks		69	Jts.
Total Pipe on Lease		355	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: Lloyd Olsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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.
8 15	9 45	1½						Run in Hole slow w/ packer
9 45	10 15	½						Pick up 10 singles
10 15	11 15	1						Try to set packer.
11 15	12 15	1						Stuck on Bottom of Hole w/ packer
12 15	4 00	3¾						Hoist out w/ packer (tight)
								Dragging in spots, packer
								rubbers damaged, rubbers
								were hanging up in 9 5/8 casing

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
55	Stands D.P.		Ft.
1	Singles D.P.	5201.25	Ft.
2	D.C. 2¾ I.D. O.D.	61.40	Ft.
18	D.C. 2 1/16 6¼ I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	3.96	Ft.
1	Bit Sub O.D.	4.80	Ft.
1	Subs O.D.	5.23	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String		128,000	Lbs.
Pipe in Hole		166	Jts.
Pipe on Racks			Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	31 RR
Size	8 3/4
Mfg.	H.W.
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH137
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: Robert Gilbert

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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 Service
4 15	6 00	1¾						Break down Packer & load out.
6 00	7 00	1						Slip and cut drilling line.
7 00	8 00	1						Shortin up flow nipple.
8 00	10 30	2½						Run in Hole w bit
10 30	12 00	1½						cleaning out Brigedt 5786.

2 bent singles from testing

No. 7843

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. M. Dome Keele 5 — Date: April 17 1972

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. A-28

Weather Condition: C.U. -5° — Road Conditions — Nearest Town — Water - Source: lake — Miles Hauled ___ Pumped ___ — Camp - Distance from Rig: 100 yds — Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

Rig No. DWKS 7-11 — Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd. FH, O.D. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: G. Hoff

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nasco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap.	36 J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		6	2 ½
Reaming bridge	1 ¾		
Conditioning Mud & Circulating	½	3	½
Trips	5 ½	2	3 ¼
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		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. 5

No. of Lines 8 — Size 1 1/8

Feet Slipped 1380

Feet Cut Off 1380

Present Length

Ton Mi. or Trips Since Last Cut 455

Cumulative Ton Mi. or Trips 6985

No. of Days From Spud 68

Cumulative Rotating Hrs. 1019 ½

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	355		Jts.

BIT RECORD

Bit No.	31
Size	8 3/4
Mfg.	H.W.
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH.137
Depth Out	
Depth In	9545
Total Ftg.	
Total Hr. Run	
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 L. Blakley

FOOTAGE

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:30	12:30	½						Trip out
12:30	1:30	1						Work stuck pipe out of bridge @ 4630'
1:30	3:15	1 ¾						Pull out
3:15	3:30	¼						Closed blind rams: rig service
3:30	5:15	1 ¾						Run in 4670'
5:15	6:00	¾						Clean out bridge @ 4670
6:00	7:00	1						Run in to 8598'
7:00	7:30	½						Break circ. + circ
7:30	8:00	½						Run in

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
95	Stands D.P.	8906.24	Ft.
	Singles D.P.		Ft.
18	D.C. I.D. O.D.	555.60	Ft.
2	D.C. I.D. O.D.	61.40	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
1	Bit ~~5 7/8~~ O.D.	4.00	Ft.
	Kelly Down	40.80	Ft.
	Total	9572.00	Ft.
Wt. of String		204,000	Lbs.
Pipe in Hole		285	Jts.
Pipe on Racks		70	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	31
Size	8 3/4
Mfg.	H.W
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH.137
Depth Out	
Depth In	9545
Total Ftg.	27
Total Hr. Run	6
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	10.00	7.00	3.00
Weight	10.0	10.2	10.3
Visc.-Sec.	180	167	169
W.L.-C.C.	4.8		
FL TR. CK.	2/32	2/32	
PH	10.5		10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Sperkene	100	PBS	
Caustic	100	PBS	

Driller Lloyd Grant

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9545	9572	27	0			35	35	1700	6	50	5½	-	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:45	1¾						Clean 2 singles to bottom
9:45	10:00	¼						Rig serv. ck. B.O.P.
10:00	4:00	6						Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
95	Stands D.P.		Ft.
1	Singles D.P.	8931.64	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body C.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
1	Bit ~~5 7/8~~ O.D.	4.00	Ft.
	Kelly Down	18.40	Ft.
	Total	9581.00	Ft.
Wt. of String		204,000	Lbs.
Pipe in Hole		286	Jts.
Pipe on Racks		69	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	31
Size	8 3/4
Mfg.	H.W
Type	J33
Nozzle No.	3
Nozzle Size	20
Ser. No.	KH-137
Depth Out	9581
Depth In	9545
Total Ftg.	36
Total Hr. Run	8½
Cond. of Bit	1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	4.00	8.00	
Weight	10.3		
Visc.-Sec.	155	172	
W.L.-C.C.	5.4		
FL TR. CK.	2/32		
PH	10.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Kelzan	100	PBS	
GEL	500#		

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
9572	9581	9	0			35	35	1700	6	50			

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig serv
4:15	6:45	2½						Drilling
6:45	9:15	2½						Circ prior to test
9:15	12:00	2¾						Trip out: light @ 4100' to 4500' measure out.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
APR 25 1972
OIL AND GAS DIVISION

No. 7842

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Fl. Al. Deme. Keele S. A. 28

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

Date: April 16 1972

Weather Condition: Cold Road Conditions: Nearest Town: Water - Source: lake Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 yds Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2, Size 4½

Tool Joint: Type Thd. FH, O.D. 6

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Tap.	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6 3/4	7 3/4	6 1/2
Reaming f.ll.	1		
Conditioning Mud & Circulating			
Trips			1 1/4
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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. 5

No. of Lines 8 Size 1 1/8

Feet Slipped 1380

Feet Cut Off 1390

Present Length

Ton Mi. or Trips Since Last Cut 200

Cumulative Ton Mi. or Trips 6730

No. of Days From Spud 67

Cumulative Rotating Hrs. 1011

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
94	Stands D.P.		Ft.
1	Singles D.P.	8843.53	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~5 1/4~~ O.D.	4.00	Ft.
	Kelly Down	21.51	Ft.
	Total	9490.00	Ft.

Wt. of String 204,000 Lbs.

Pipe in Hole 283 Jts.

Pipe on Racks 72 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	30
Size	8 3/4
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	35769
Depth Out	
Depth In	9463
Total Ftg.	27
Total Hr. Run	6 3/4
Cond. of Bit	1n
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1:00	4:00	7:00
Weight	10.3	10.3	10.3
Visc.-Sec.	220	170	172
W.L.-C.C.	4.8	4.8	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	16.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1300#		

Driller: L. Blakley

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.	8874.91	Ft.
	Singles D.P.		Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~5 1/4~~ O.D.	4.00	Ft.
	Kelly Down	24.13	Ft.
	Total	9524.00	Ft.

Wt. of String 204,000 Lbs.

Pipe in Hole 284 Jts.

Pipe on Racks 71 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	30
Size	8 3/4
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	35769
Depth Out	
Depth In	9463
Total Ftg.	61
Total Hr. Run	14 1/2
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	4:00	12:00	3:00
Weight	10.3	10.3	10.3
Visc.-Sec.	195	165	155
W.L.-C.C.	5.	5.6	5.4
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Blount

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
95	Stands D.P.	8906.24	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~5 1/4~~ O.D.	4.00	Ft.
	Kelly Down	13.80	Ft.
	Total	9545.00	Ft.

Wt. of String 204,000 Lbs.

Pipe in Hole 285 Jts.

Pipe on Racks 70 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	30
Size	8 3/4
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	20
Ser. No.	35769
Depth Out	9545
Depth In	9463
Total Ftg.	82
Total Hr. Run	21
Cond. of Bit	6,2,1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6:00	8:00	10:30
Weight	10.3	10.3	
Visc.-Sec.	153	160	180
W.L.-C.C.	5.2	5.6	
FL TR. CK.	2/32	2/32	
PH	10.5	10.+	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	900#		

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
9463	9490	27	D			50	40	1500	6"	40	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig service.
12:15	1:15	1						Clean 50' of fill to bottom: Very sticky
1:15	8:00	6 3/4						Drlng.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9490	9524	34	D			50	40	1800	6	51	5½	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
8:00	8:15	1/4						Rig Serv. Ck. B.O.P.
8:15	4:00	7 3/4						Drlling

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9524	9545	21	D			50	40	1800	6"	51	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig service.
4:15	10:45	6 1/2						Drlng.
10:45	12:00	1 1/4						Trip out

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
APR 21 1972
RECEIVED
EDMONTON, ALBERTA

No. 7841

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. Mt. Dome Keele S.A. 28

Date: April 15 1972

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

Weather Condition: snowing Road Conditions: Nearest Town: Water - Source: lake Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 yds Reason for Extra L. Plant: spare.

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING / TUBING / OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap.	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	6	
Reaming	F.11		1
Conditioning Mud & Circulating			
Trips		15	4 3/4
Lubricate Rig	1/4	1/4	
Deviation Survey		1/4	
Test B.O.P.			
Cut Off Drilling Line			1 1/4
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			1
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1380
Feet Cut Off	1380
Present Length	
Ton Mi. or Trips Since Last Cut	200
Cumulative Ton Mi. or Trips	4730
No. of Days From Spud	66
Cumulative Rotating Hrs.	790

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
93	Stands D.P.		Ft.
2	Singles D.P.	878.29	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	27.55	Ft.
	Total	9440.00	Ft.
Wt. of String		202,000	Lbs.
Pipe in Hole		281	Jts.
Pipe on Racks		74	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	29
Size	8 3/4
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	20
Ser. No.	343072
Depth Out	
Depth In	9339
Total Ftg.	101
Total Hr. Run	21 3/4
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	4:10	7:00
Weight	10.3+	10.3+	10.3+
Visc.-Sec.	172	170	181
W.L.-C.C.	5.4	5.6	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000#		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9411	9440	29	D			50	50	1600	6"	48			S

Deviation Record: Depth 9436 — Dev. 3° — 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	8:00	7 3/4						Drlng. : Survey W/Teledrift approx 3°

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
94	Stands D.P.	8812.43	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	63.41	Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
1	Bit or C.B.	3.95	Ft.
	Kelly Down	23.55	Ft.
	Total	9463.00	Ft.
Wt. of String		203,000	Lbs.
Pipe in Hole		282	Jts.
Pipe on Racks		73	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	29
Size	8 3/4
Mfg.	S88
Type	Sec.
Nozzle No.	3
Nozzle Size	20
Ser. No.	343072
Depth Out	9463
Depth In	9339
Total Ftg.	124
Total Hr. Run	23 3/4
Cond. of Bit	2,61
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	8:00	12:00	
Weight	10.3	10.3	
Visc.-Sec.	205	155	
W.L.-C.C.	5.6		
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Olsen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9440	9463	23	D			50	50	1600	6	48	5½	—	S

Deviation Record: Depth 9460 — Dev. 2¼ — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig Serv.
8:15	2:15	6						Drilling
2:15	2:30	1/4						Survey
2:30	4:00	1½						Hoist

BIT RECORD

Bit No.	30
Size	8 3/4
Mfg.	H.W.
Type	XDU
Nozzle No.	3
Nozzle Size	20
Ser. No.	35769
Depth Out	
Depth In	9463
Total Ftg.	
Total Hr. Run	
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.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
								1600	6"	44			

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	5:00	1						Hoist
5:00	6:00	1						Lay down Teledrift Tool
6:00	7:00	1						Pick up D.C.
7:00	8:15	1 1/4						Slipped 45' of Cut Line
8:15	9:30	1 1/4						Run in to 6080'
9:30	10:00	1/2						Break circ & circ.
10:00	11:00	1						Run in
11:00	12:00	1						Clean 50' to bottom

No. 7840

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome Keele S. A-38

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

Date: April 14 19 72

Weather Condition: Warm Road Conditions: Nearest Town: Water - Source: Lake Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 yds Reason for Extra L. Plant: Space

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Usco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Tex.	36 J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		7¾	6¼
Reaming	1½	2	
Conditioning Mud & Circulating	¼		
Trips	5		
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	½		1½
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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. 5
No. of Lines 8 Size 1/8
Feet Slipped 1335
Feet Cut Off 1291
Present Length
Ton Mi. or Trips Since Last Cut 369
Cumulative Ton Mi. or Trips 6479
No. of Days From Spud 65
Cumulative Rotating Hrs. 976 ¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
92	Stands D.P.		Ft.
2	Singles D.P.	86 88.87	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub 7⅝ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	18.97	Ft.
	Total	8339.00	Ft.
Wt. of String		202,000	Lbs.
Pipe in Hole		278	Jts.
Pipe on Racks		77	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	29		
Size	8 3/4		
Mfg.	Sec.		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	343072		
Depth Out			
Depth In	9339		
Total Ftg.			
Total Hr. Run			
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time			7:00
Weight			10.2+
Visc.-Sec.			270
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene 50#			

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
								1600	6"	46			5

Deviation Record: Depth 9330 — Dev. 3° — 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	2 ¼						Trip out
2:15	2:30	¼						Closed blind rams, + rig service.
2:30	4:45	2 ¼						Run in to 8390'
4:45	5:00	¼						Break circ. + circ.
5:00	5:30	½						Run in
5:30	6:00	½						Change drum clutches + control
6:00	8:00	2						Clean 30' of fill to bottom

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
93	Stands D.P.	8720.22	Ft.
	Singles D.P.		Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub 7⅝ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	14.62	Ft.
	Total	9366.00	Ft.
Wt. of String		202,000	Lbs.
Pipe in Hole		279	Jts.
Pipe on Racks		76	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	29		
Size	8 3/4		
Mfg.	Sec		
Type	S88		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	343072		
Depth Out			
Depth In	9339		
Total Ftg.	27		
Total Hr. Run	7¾		
Cond. of Bit	IN		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	10,00	12.00	4:00
Weight	10.3	10.3	10.3
Visc.-Sec.	155	150	133
W.L.-C.C.	5.0		
FL TR. CK.	2/32		
PH	10.5		10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	250	Lbs	
Caustic	250	Lbs	
Prestarative	50	Lbs	
Kelzan	200	Lbs	

Driller: Lloyd Hunt

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9339	9366	27	D			40	40	1600	6"	48	5½	-	S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. ck. B.O.P.
8:15	4:00	7¾						Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
93	Stands D.P.		Ft.
1	Singles D.P.	8749.97	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub 7⅝ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	29.87	Ft.
	Total	9411.00	Ft.
Wt. of String		202,000	Lbs.
Pipe in Hole		280	Jts.
Pipe on Racks		75	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	29		
Size	8 3/4		
Mfg.	S88.		
Type	S88.		
Nozzle No.	3		
Nozzle Size	20		
Ser. No.	343072		
Depth Out			
Depth In	9339		
Total Ftg.	72		
Total Hr. Run	14		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	6:00	8:30	11:00
Weight	10.3	10.3	10.3+
Visc.-Sec.	132	160	160
W.L.-C.C.	5.4		
FL TR. CK.	2/32		2/32
PH	10.5		10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	800#		

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
9366	9411	45	D			50	45	1600	6"	48	5½	-	S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv.
4:15	7:15	3						Drilling
7:15	8:45	1½						Work on drum air clutch.
8:45	12:00	3 ¼						Drlng.

DEVELOPMENT ENGINEERING BRANCH ALBERTA ENERGY RESOURCES CONSERVATION BOARD APR 21 1972

No. 7839

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome Kede S. A-28

Date: April 13, 1972

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

Weather Condition: warm 30+ Road Conditions: muddy Nearest Town

Water - Source: lake Miles Hauled: 4 Pumped ____ Camp Distance from Rig: 100 yds. Reason for Extra L. Plant: space.

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4 1/2

Tool Joint: 6 O.D. Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nesco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Tap.	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/2	7 1/2	6 3/4
Reaming			
Conditioning Mud & Circulating			
Trips			3/4
Lubricate Rig	1/4	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			
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. 5

No. of Lines 8 Size 1/8

Feet Slipped 1335

Feet Cut Off 1291

Present Length

Ton Mi. or Trips Since Last Cut 118

Cumulative Ton Mi. or Trips 6228

No. of Days From Spud 64

Cumulative Rotating Hr. 962 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
92	Stands D.P.	8626.31	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.53	Ft.
	Total	8270.00	Ft.

Wt. of String 202,000 Lbs.

Pipe in Hole 276 Jts.

Pipe on Racks 79 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	28
Size	8 3/4
Mfg.	Sec
Type	M4N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911921
Depth Out	
Depth In	9211
Total Ftg.	59
Total Hr. Run	10 3/4
Cond. of Bit	10
Reamer No.	
Reamer Type	

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

Trucker

Trucker

Trucker

MUD RECORD

Time	1:00	4:00	7:00
Weight	10.2+	10.3	10.3
Visc.-Sec.	195	152	180
W.L.-C.C.	5.8	5.2	5
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KELZAN AR		100#	
CAUSTIC		50#	
SPERSENE		50#	

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8227	8270	43	D			55	40	1600	6"	48	5 1/2	-	S

Deviation Record: Depth 8264 Dev. 2 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	1:00	1						Drlng
1:00	1:15	1/4						Rig Service
1:15	7:00	5 3/4						Drlng
7:00	7:15	1/4						Survey @ 8264 w/ Teledrift (approx 2 1/2°)
7:15	8:00	3/4						
								Teledrift setting 2 1/2-5°

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
92	Stands D.P.	8657.66	Ft.
5	Singles D.P.		Ft.
3	D.C. I.D. O.D.	71.60	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	21.18	Ft.
	Total	9310.00	Ft.

Wt. of String 202,000 Lbs.

Pipe in Hole 277 Jts.

Pipe on Racks 98 Jts.

Total Pipe on Lease 375 Jts.

BIT RECORD

Bit No.	28
Size	8 3/4
Mfg.	Sec.
Type	M4N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911921
Depth Out	
Depth In	9211
Total Ftg.	99
Total Hr. Run	18 1/4
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

Trucker

Trucker

Trucker

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.3	10.3	10.3
Visc.-Sec.	160	140	142
W.L.-C.C.	5.0		
FL TR. CK.	2/32		
PH	10.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1000 lbs.		

Driller Lloyd Lovell

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9270	9310	40	D			55	40	1600	6	48	5 1/2	-	S

Deviation Record: Depth 9295 Dev. 3 Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	1/4						Rig SERV. & B.O.P.
9:15	1:15	5						DRILLING
1:15	1:30	1/4						SURVEY W/ TELEDRIFT 9295 3°
1:30	4:00	2 1/2						DRILLING

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
92	Stands D.P.		Ft.
2	Singles D.P.	868.87	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	18.97	Ft.
	Total	9339.00	Ft.

Wt. of String 202,000 Lbs.

Pipe in Hole 278 Jts.

Pipe on Racks 77 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	28
Size	8 3/4
Mfg.	Sec.
Type	M4N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911921
Depth Out	9339
Depth In	9211
Total Ftg.	128
Total Hr. Run	25
Cond. of Bit	3,3,1
Reamer No.	
Reamer Type	

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

Trucker

Trucker

Trucker

MUD RECORD

Time	4:00	7:00	11:00
Weight	10.3	10.3	10.3+
Visc.-Sec.	160	157	180
W.L.-C.C.	5.8		
FL TR. CK.	2/32		
PH	10.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	900 #		

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
9310	9339	29	D			55	42	1600	6"	48	5 1/2	-	S

Deviation Record: Depth 9330 Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig service
4:15	11:00	6 3/4						Drlng
11:00	11:15	1/4						Survey w/ Teledrift @ 9330 ; Comp survey do
11:15	12:00	3/4						Trip out.

APR 21 1972
DEPARTMENT OF ENERGY, MINES AND RESOURCES
CONSERVATION ENGINEER
CALGARY, ALBERTA

No. 7838

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft Mc Dermot Keele S 5

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M. P.38

Date: April 12 1972

Weather Condition: Clear Warm | Road Conditions: Good | Nearest Town | Water - Source: Lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint Type Thd.	Tool Joint O.D.
2 DWKS T-11	2	4½	FH	6

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Taf.	36 J55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	2 2/3	3 1/4
Reaming			3/4
Conditioning Mud & Circulating			3/4
Trips		4	3 1/4
Lubricate Rig	1/4	1/4	
Deviation Survey		1/4	
Test B.O.P.			
Cut Off Drilling Line		3/4	
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. Stan-by	
Total Day Work	

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1335
Feet Cut Off	1291
Present Length	
Ton Mi. or Trips Since Last Cut	118
Cumulative Ton Mi. or Trips	6228
No. of Days From Spud	63
Cumulative Rotating Hrs.	940 1/2

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
91	Stands D.P.	8533.67 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6 1/4" I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	33.17 Ft.
	Total	9198.00 Ft.
Wt. of String	190,000 Lbs.	
Pipe in Hole	273 Jts.	
Pipe on Racks	82 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	27
Size	8 3/4
Mfg.	Sec.
Type	M4N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911913
Depth Out	
Depth In	9032
Total Ftg.	166
Total Hr. Run	33 1/2
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	10.2+	10.2+	10.2+
Visc.-Sec.	159	178	179
W.L.-C.C.	5.8	5.8	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1400 #		

Driller: L. Blakley

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
9160	9198	38	D			50	40	1600	6"	50	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig service
12:15	8:00	7 3/4						Drlng

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
91	Stands D.P.	8564.32 Ft.
1	Singles D.P.	Ft.
3	D.C. I.D. O.D.	71.60 Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	15.52 Ft.
	Total	9211.00 Ft.
Wt. of String	190,000 Lbs.	
Pipe in Hole	274 Jts.	
Pipe on Racks	81 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	27	28
Size	8 3/4	8 3/4
Mfg.	Sec.	Sec
Type	M4N	M4N
Nozzle No.	3	3
Nozzle Size	20	20
Ser. No.	911913	911921
Depth Out	9211	
Depth In	9032	9211
Total Ftg.	179	
Total Hr. Run	36 1/4	
Cond. of Bit	3-6-1	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	9:00		
Weight	10.2		
Visc.-Sec.	195		
W.L.-C.C.	5.2		
FL TR. CK.	3/32		
PH	10.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	500		

Driller: Lloyd Cloak

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
9198	9211	13	D			50	40	1600	6	50	5½	—	S

Deviation Record: Depth 9211 | Dev. 30 | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:15	1 1/4						DRILLING
9:15	9:30	1/4						Rig SERV. ck B.O.P SURVEY 2½° 9200'
9:30	11:00	1 1/2						DRILLING
11:00	11:15	1/4						SURVEY
11:15	2:45	3 1/2						HOIST
2:45	3:30	3/4						SLIPPED 44' LINE
								NOTE- TELEDRIFT READING @ 9211' 2½°
								TOTCO DROPPED ON TRIP 9211' 30
3:30	4:00	1/2						RUN IN
								TELEDRIFT SET 2½-S

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
91	Stands D.P.	Ft.
1	Singles D.P.	8564.32 Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	31.52 Ft.
	Total	9227.00 Ft.
Wt. of String	200,000 Lbs.	
Pipe in Hole	274 Jts.	
Pipe on Racks	81 Jts.	
Total Pipe on Lease	355 Jts.	

BIT RECORD

Bit No.	28
Size	8 3/4
Mfg.	Sec
Type	M4N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911921
Depth Out	
Depth In	9211
Total Ftg.	16
Total Hr. Run	3 1/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	8:30	10:00	11:00
Weight	10.2+		10.2+
Visc.-Sec.	300+	210	200
W.L.-C.C.			5.6
FL TR. CK.			2/32
PH			9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100 #		
SPERSENE	100 #		
KELZAN AL	50 #		

Driller

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
9211	9227	16	D			50	40	1600	6"	42	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						RUN IN
6:00	6:30	1/2						BREAK CIRC.
6:30	7:15	3/4						RUN IN
7:15	7:30	1/4						CLEAN BRIDGE 8700
7:30	8:00	1/2						RUN IN
8:00	8:45	3/4						CLEAN 12' of fill to bottom
8:45	12:00	3 1/4						Drlng

DEPARTMENT OF MINES AND NATURAL RESOURCES
SEP 21 1972
ALBERTA

No. 7837

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta El Al Home Keele S.A.28 — Date: April 11 1972

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

Weather Condition: Clear 20+ — Road Conditions: Good — Nearest Town: ____ — Water - Source: Lake — Miles Hauled: 4 — Pumped: ____ — Camp Distance from Rig: 100 Yds — Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

Rig No. 25 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. EH. O.D. 6

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nisco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Tap	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	8½	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	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			
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1291
Feet Cut Off	1291
Present Length	
Ton Mi. or Trips Since Last Cut	322
Cumulative Ton Mi. or Trips	5993
No. of Days From Spud	62
Cumulative Rotating Hrs.	926 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
90	Stands D.P.	8440.94 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6¼" I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	15.60 Ft.
	Total	9088.00 Ft.

Wt. of String 189,000 Lbs.

Pipe in Hole 270 Jts.

Pipe on Racks 85 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	27
Size	8¾
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911913
Depth Out	
Depth In	9032
Total Ftg.	56
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	11:00	4:00	7:00
Weight	10.2	10.2	10.2+
Visc.-Sec.	145	154	148
W.L.-C.C.	6.0	6.0	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Kelzan XC.		100 #	
Gel.		700 #	

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9046	9088	42	D			45	40	1600	6"	52	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	¾						Drlng.
12:45	1:00	¼						Rig Service.
1:00	8:00	7						Drlng.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
90	Stands D.P.	8470.25 Ft.
1	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6¼ I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	24.59 Ft.
	Total	9126.00 Ft.

Wt. of String 189,000 Lbs.

Pipe in Hole 271 Jts.

Pipe on Racks 84 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	27
Size	8¾
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911913
Depth Out	
Depth In	9032
Total Ftg.	94
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	9.00	12:00	4.00
Weight	10.2	10.2	10.2
Visc.-Sec.	145	140	146
W.L.-C.C.	6.0	6.6	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Lloyd Short

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9088	9126	38	D			45	40	1600	6"	52	5½	—	S

Deviation Record: Depth 9110 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
8:00	8:15	¼						Rig SERV. ck. BOP
8:15	12:45	4½						DRILLING
12:45	1:00	¼						SURVEY W/ TELEDRIFT 2°
1:00	4:00	3						DRILLING

TELEDRIFT SET AT 15-4

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
90	Stands D.P.	Ft.
2	Singles D.P.	85 02.44 Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6¼ I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	26.37 Ft.
	Total	9160.00 Ft.

Wt. of String 190,000 Lbs.

Pipe in Hole 272 Jts.

Pipe on Racks 83 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	27
Size	8¾
Mfg.	SEC.
Type	M44N
Nozzle No.	3
Nozzle Size	20
Ser. No.	911913
Depth Out	
Depth In	9032
Total Ftg.	128
Total Hr. Run	25 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	7:00	8:00	11:00
Weight	10.2	10.2+	10.2+
Visc.-Sec.	155	155	150
W.L.-C.C.	5.6	5.9	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000	LBS	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9126	9160	34	D			45	40	1600	6"	51	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Drlng. Rig Service.
4:15	12:00	7¾						Drlng.

CONSERVATION ENGINEER — DEPT. OF MINES AND NATURAL RESOURCES — PROVINCE OF ALBERTA — APR 21 1972 — EDMONTON, ALTA. — DEPUTY DIRECTOR — PETROLEUM AND NATURAL GAS BRANCH

No. 7836

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Hi Dome Keele 5 A-28 | Date: April 10 1972

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

Weather Condition: Clear | Road Conditions: Good | Nearest Town | Water – Source: Lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100 Yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

Rig No. 2 | DWKB 7-11 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 6 O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Idaco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jal	36 J-55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	5 1/2	2 3/4
Reaming f.11			1/2
Conditioning Mud & Circulating			1/4
Trips		2	4 1/4
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1391
Feet Cut Off	1291
Present Length	
Ton Mi. or Trips Since Last Cut	322
Cumulative Ton Mi. or Trips	5993
No. of Days From Spud	61
Cumulative Rotating Hrs.	903 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
89	Stands D.P.	8348.02 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	9021.18 Ft.
	Wt. of String	189,000 Lbs.
	Pipe in Hole	267 Jts.
	Pipe on Racks	88 Jts.
	Total Pipe on Lease	355 Jts.

BIT RECORD

Bit No.	26
Size	8 3/4
Mfg.	Murphy
Type	FBCM5
Nozzle No.	3
Nozzle Size	16
Ser. No.	669276
Depth Out	
Depth In	8989
Total Ftg.	32
Total Hr. Run	7 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

Trucker | Trucker | Trucker

MUD RECORD

Time	1:00	4:30	7:00
Weight	10.2	10.2+	10.2+
Visc.-Sec.	180	165	165
W.L.-C.C.	6.0	6.0	6.0
FL TR. CK.	3/32	2/32	2/32
PH	10.	10.+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	100#		
Caustic	100#		
Gel	800#		

Driller K. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8989	9021	32	D			35	35	1500	6"	48	5½	–	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig Service.
12:15	8:00	7 3/4						Drlng

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
89	Stands D.P.	8379.21 Ft.
9	Singles D.P.	Ft.
	D.C. I.D. O.D.	71.60 Ft.
	D.C. I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	21.63 Ft.
	Total	9032.00 Ft.
	Wt. of String	189,000 Lbs.
	Pipe in Hole	268 Jts.
	Pipe on Racks	87 Jts.
	Total Pipe on Lease	355 Jts.

BIT RECORD

Bit No.	26	27
Size	8 3/4	8 3/4
Mfg.	Reed Murphy	Ser.
Type	FBCM5	M4GN
Nozzle No.	3	3
Nozzle Size	16	20
Ser. No.	669276	911913
Depth Out	9032	
Depth In	8989	9032
Total Ftg.	44	
Total Hr. Run	13½	
Cond. of Bit	1/1	
Reamer No.		
Reamer Type		

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

Trucker | Trucker | Trucker

MUD RECORD

Time	10:00	12:00	
Weight	10.2	10.2	
Visc.-Sec.	185	165	
W.L.-C.C.	6	6.2	
FL TR. CK.	2/32	2/32	
PH	10,50	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Preservative	100 lbs		

Driller Lloyd Sloat

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
9021	9032	11	D			40	40	1500	6"	48	5½	–	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Survey w/ Teledrift 2° + Rig Serv.
8:15	2:00	5 3/4						Drilling
2:00	4:00	2						Hoist

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
89	Stands D.P.	Ft.
7	Singles D.P.	2379.21 Ft.
	D.C. 7" I.D. O.D.	71.60 Ft.
18	D.C. 6 1/4 I.D. O.D.	555.60 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	35.63 Ft.
	Total	9046.00 Ft.
	Wt. of String	189,000 Lbs.
	Pipe in Hole	268 Jts.
	Pipe on Racks	7 Jts.
	Total Pipe on Lease	355 Jts.

BIT RECORD

Bit No.	27
Size	8 3/4
Mfg.	Sec.
Type	M4GN
Nozzle No.	3
Nozzle Size	20
Ser. No.	911913
Depth Out	
Depth In	9032
Total Ftg.	14
Total Hr. Run	2 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

Trucker | Trucker | Trucker

MUD RECORD

Time		11:00	11:00
Weight			10.2
Visc.-Sec.		210	148
W.L.-C.C.			6.0
FL TR. CK.			2/32
PH			10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Kelzan AR	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
9032	9046	14	O			45	40	1600	6"	50	5½	–	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:15	1 1/4						Hoist
5:15	5:30	1/4						Rig Serv.
5:30	8:00	2 1/2						Run in to 7646'
8:00	8:15	1/4						Break circ @ 7646' + circ.
8:15	8:45	1/2						Run in
8:45	9:15	1/2						Clean 20' of f.11 to bottom
9:15	12:00	2 3/4						Drlng

APR 21 1972

No. 7835

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al. Dome Keels S A-28

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

Date: April 9 1972

Weather Condition: 15+ Road Conditions: good Nearest Town:

Water - Source: lake Miles Hauled: 4 Pumped: ___ Camp Distance from Rig: 100 yds Reason for Extra L. Plant: Space.

OPERATOR: Western Decalta

Rig No. 2 Type: T-11

Drill Pipe String: No. 2 Size 4½

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

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nisco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	Taf.	36 J55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	5¾	
Reaming Fill			1¼
Conditioning Mud & Circulating			½
Trips	[illegible]	1¾	4¾
Lubricate Rig	¼	¼	¼
Deviation Survey	¼	¼	
Test B.O.P.			
Cut Off Drilling Line			1¼
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.	5
No. of Lines	8
Size	1 1/8
Feet Slipped	1291
Feet Cut Off	1298
Present Length	
Ton Mi. or Trips Since Last Cut	114
Cumulative Ton Mi. or Trips	5765
No. of Days From Spud	60
Cumulative Rotating Hrs.	887½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO			
88	Stands D.P.	8316.59	Ft.
2	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 6¼ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	20.25	Ft.
	Total	8968.00	Ft.

Wt. of String: 189,000 Lbs.

Pipe in Hole: 266 Jts.

Pipe on Racks: 89 Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	25
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	2 1
Nozzle Size	16 open
Ser. No.	374796
Depth Out	
Depth In	8823
Total Ftg.	145
Total Hr. Run	26
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	10.2+	10.2+	10.2+
Visc.-Sec.	193	200	190
W.L.-C.C.	6.2	5.8	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10.+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KELZAN XA.	50 #		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
8929	8968	39	D			60	40	1500	6"	51	5½	-	S

Deviation Record: Depth 8956 Dev. 3° Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service.
12:15	5:30	5¼						Drlng
5:30	5:45	¼						Survey @ 8956 W/Teledrift approx 3°
5:45	8:00	2¼						Drlng

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
88	Stands D.P.	8316.59	Ft.
1	Singles D.P.		Ft.
3	D.C. I.D. 7 O.D.	71.60	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 6¼ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	41.25	Ft.
	Total	8489.00	Ft.

Wt. of String: 190,000 Lbs.

Pipe in Hole: 266 Jts.

Pipe on Racks: 89 Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	25
Size	8¾
Mfg.	SEC.
Type	M44N
Nozzle No.	2 1
Nozzle Size	16 open
Ser. No.	374796
Depth Out	8989
Depth In	8823
Total Ftg.	166
Total Hr. Run	31¾
Cond. of Bit	4-2-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9.00	12.00	
Weight	10.2	10.2	
Visc.-Sec.	180	2.80	
W.L.-C.C.	7/32	5.8	
FL TR. CK.	6	2/32	
PH	10.5	10	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super-Sol	100	LBS	
Gel		800	LBS

Driller: Lloyd Short

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
8968	8989	21	D			60	40	1500	6	51	5½	-	S

Deviation Record: Depth 8980 Dev. 2 Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. ck BOP.
8:15	2:00	5¾						Drilling
2:00	2:15	¼						Survey W/ Totco + Teledrift 2°
2:15	4:00	1¾						Hoist [illegible]

Teledrift set at 1½ - 4

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

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

Wt. of String: ___ Lbs.

Pipe in Hole: ___ Jts.

Pipe on Racks: ___ Jts.

Total Pipe on Lease: ___ Jts.

BIT RECORD

Bit No.	
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			

TRIP

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

Deviation Record: Depth ___ Dev. ___ Direction ___

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						Hoist
6:00	7:15	1¼						Slipped + cut line
7:15	7:30	¼						Rig Ser.
7:30	9:30	2						Run in Hole.
9:30	9:45	¼						Break circ @ 5890' + circ.
9:45	10:15	½						Run in
10:15	10:30	¼						Break circ @ 8200' + circ. (mud was thick)
10:30	10:45	¼						Run in
10:45	12:00	1¼						Clean 15' of fill to bottom.

OIL AND GAS CONSERVATION BOARD RECEIVED APR 13 1972

No. 7834

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6.

Lease Well Name: Decalta Ex. McDonnell Keele S. A-38 | Date: April 8 1972

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

Weather Condition: clear 10° | Road Conditions: good | Nearest Town: | Water - Source: lake, Miles Hauled: 4, Pumped: | Camp Distance from Rig: 100 feet, Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Ideco	E-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 3/8	Jal	36 J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3 3/4	7	7 3/4
Reaming			
[illegible] & Circulating	1 1/4		
Trips	1 3/4		
Lubricate Rig	1/4	1/4	1/4
Deviation Survey	1/4	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	3/4		
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.	5
No. of Lines	8 Size 1/8
Feet Slipped	1125
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	327
Cumulative Ton Mi. or Trips	5537
No. of Days From Spud	59
Cumulative Rotating Hrs.	865 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
87	Stands D.P.		Ft.
1	Singles D.P.	819.29	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.55	Ft.
	Total	8846.00	Ft.

Wt. of String 188,000 Lbs.
Pipe in Hole 262 Jts.
Pipe on Racks 93 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	25
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	16 open
Ser. No.	374796
Depth Out	
Depth In	8823
Total Ftg.	23
Total Hr. Run	3 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	2:30	6:00	7:00
Weight			10.2
Visc.-Sec.	300+	210	185
W.L.-C.C.			6.0
FL TR. CK.			2/32
PH			10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERSENE	100#		
CAUSTIC	100#		
GEL	200#		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8823	8846	23	D			50	35-40	1500	6"	51			S

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig service.
12:15	1:45	1 1/2						Run in to 7844'
1:45	2:30	3/4						Break circulation & circ: mud was very heavy
2:30	2:45	1/4						Run in
2:45	3:15	1/2						Break circ. & circ: mud very thick
3:15	4:00	3/4						Use kelly to run in three singles to bottom: 5' of fill.
4:00	5:00	1						Drlng.
5:00	5:15	1/4						Survey @ 8820 w/ teledrift: misrun
5:15	8:00	2 3/4						Drlng.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
87	Stands D.P.	822267	Ft.
0	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.17	Ft.
	Total	8893.00	Ft.

Wt. of String 188,000 Lbs.
Pipe in Hole 263 Jts.
Pipe on Racks 92 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	25
Size	8 3/4
Mfg.	SEC
Type	M44N
Nozzle No.	2 1
Nozzle Size	16 open
Ser. No.	374796
Depth Out	
Depth In	8823
Total Ftg.	70
Total Hr. Run	10 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	8:00	12:00	3:00
Weight	10.2	10.2	10.2
Visc.-Sec.	165	187	175
W.L.-C.C.	6	6	6.8
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super-Col	100	lbs	
Gel	600	lbs	

Driller: Lloyd Hoar

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8846	8893	47	D			60	40	1500	6"	51	5½	—	—

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig serv. ck. B.O.P
8:15	10:45	2 1/2						Drilling
10:45	11:00	1/4						Survey @ 8864 w/ Teledrift. Signal 30
11:00	1:30	2 1/2						Drilling
1:30	1:45	1/4						Survey w/ Teledrift 8875 + 8876 approx 3
1:45	3:45	2						Drilling
3:45	4:00	1/4						Survey w/ Teledrift 8893 approx 3°

Teledrift set at 2½ - 5

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
88	Stands D.P.		Ft.
1	Singles D.P.	82.85.37	Ft.
3	D.C. 7" I.D. O.D.	71.60	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	12.47	Ft.
	Total	8929.00	Ft.

Wt. of String 189,000 Lbs.
Pipe in Hole 265 Jts.
Pipe on Racks 90 Jts.
Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	25
Size	8 3/4
Mfg.	SEC.
Type	M44N
Nozzle No.	2 1
Nozzle Size	16 open
Ser. No.	374796
Depth Out	
Depth In	8823
Total Ftg.	106
Total Hr. Run	18 1/2
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	11:00
Weight	10.2	10.2+	10.2+
Visc.-Sec.	175	170	195
W.L.-C.C.	6	6.2	6.1
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KAZAN All.		50#	
Gel	1100#		

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
8893	8929	36	D			50	40	1500	6"	51			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
8925	3°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig serv.
4:15	12:00	7 3/4						Drilling
								Teledrift survey @ 8925': approx. 3°

APR 21 1972

No. 7833

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome Kede S. A. 38

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

April 7 1972

Weather Condition: snowing 6° Road Conditions: good Nearest Town: Water Source: lake Miles Hauled: 4 Pumped: ___ Camp Distance from Rig: 100 yds Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	12"
2.	Nasco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J55	32	1021	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¾	1½
Reaming			
Conditioning Mud & Circulating			
Trips			4½
Lubricate Rig	¼	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			
Drill Stem Test			
Other			1½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
86	Stands D.P.	Ft.
2	Singles D.P.	8128.92 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
18	D.C. 6¼ I.D. O.D.	555.60 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 4½ O.D.	3.96 Ft.
1	Bit 5¾ C.B.	4.00 Ft.
	Kelly Down	22.68 Ft.
	Total	8782.00 Ft.
Wt. of String		186,000 Lbs.
Pipe in Hole		260 Jts.
Pipe on Racks		95 Jts.
Total Pipe on Lease		355 Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	
Depth In	8542
Total Ftg.	240
Total Hr. Run	44
Cond. of Bit	1in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	4:00	7:00
Weight	10.2	10.2	10.2
Visc.-Sec.	192	194	192
W.L.-C.C.	6.0	6.0	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL.	350		

Driller: J. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8741	8782	41	D			45	35	1500	6"	50			S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service.
12:15	8:00	7¾						Drlng.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
81	Stands D.P.	Ft.
	Singles D.P.	8160.29 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
18	D.C. 6¼ I.D. O.D.	555.60 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 4½ O.D.	3.96 Ft.
1	Bit or C.B. 5¾	4.00 Ft.
	Kelly Down	23.31 Ft.
	Total	8814.00 Ft.
Wt. of String		186,000 Lbs.
Pipe in Hole		261 Jts.
Pipe on Racks		94 Jts.
Total Pipe on Lease		355 Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	
Depth In	8542
Total Ftg.	272
Total Hr. Run	5¾
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	8:00	12:00	3:00
Weight	10.2	10.2	10.2
Visc.-Sec.	200	180	195
W.L.-C.C.	7.2	5.9	6
FL TR. CK.	3/32	3/32	3/32
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Hoodt

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8782	8814	32	D			45	35	1460	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
5:00	8:15	¼						Rig Serv. ck B.O.P.
8:15	4:00	7¾						Drilling

Pipe — Measured — 8164.88
Tally — 8160.29
Diff — 4.59
Collars — Measured — 615.71
Tally — 617.00
Diff — 1.29

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1125
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	327
Cumulative Ton Mi. or Trips	5537
No. of Days From Spud	58
Cumulative Rotating Hrs.	846¾

TIME SUMMARY (Office Use Only)

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

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	8823
Depth In	8542
Total Ftg.	281
Total Hr. Run	5¾
Cond. of Bit	2,8,1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	5:30
Weight	10.2
Visc.-Sec.	205
W.L.-C.C.	6
FL TR. CK.	2/32
PH	10
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super-Cal 500	100 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8814	8823	9	O										

Deviation Record | Depth 8822 | Dev. 3½ | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv
4:15	5:45	1½						Drilling
5:45	6:00	¼						Surv
6:00	10:00	4						Pull out (measure out)
10:00	11:30	1½						Make up Teledrift Sub & closed bladran
11:30	12:00	½						Run in

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
CONSERVATION BRANCH
DEC 21 1972

No. 7832

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Flat Dome Keele S Hz

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

Date: April 6 1972

Weather Condition: Snowing 15+ | Road Conditions: good | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100 yds | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: F Hall

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	TAP.	36 J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn.	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	7¾	12	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	1125
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	107
Cumulative Ton Mi. or Trips	5317
No. of Days From Spud	57
Cumulative Rotating Hrs.	829 ¾

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
85	Stands D.P.		Ft.
1	Singles D.P.	8004.24	Ft.
	D.C. 7"		
2	I.D. O.D.	61.40	Ft.
	D.C. 6¼		
18	I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit 3x5 Gnb.	4.00	Ft.
	Kelly Down	24.36	Ft.
	Total	8659.00	Ft.
Wt. of String	185,000		Lbs.
Pipe in Hole	257		Jts.
Pipe on Racks	98		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	24	
Size	8¾	
Mfg.	Sec	
Type	S88	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	343081	
Depth Out		
Depth In	8542	
Total Ftg.	117	
Total Hr. Run	20¾	
Cond. of Bit	2-0 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	10.2	10.2	10.2
Visc.-Sec.	160	162	170
W.L.-C.C.	6.8	6.8	
FL TR. CK.	2/32	2/32	
PH	10	10	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400#		
Bowcide	50#		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8613	8659	46	D			45	35	1400	6"	48	5½	68	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig service
12:15	8:00	7¾						Drlg

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
85	Stands D.P.	8035.20	Ft.
0	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit 3x5 S.B.	4.00	Ft.
	Kelly Down	37.40	Ft.
	Total	8703	Ft.
Wt. of String	185,000		Lbs.
Pipe in Hole	257		Jts.
Pipe on Racks	98		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	24	
Size	8¾	
Mfg.	Sec.	
Type	S88	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	343081	
Depth Out		
Depth In	8542	
Total Ftg.	161	
Total Hr. Run	28½	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	8:00	12:00	3:30
Weight	10.2	10.2	10.2
Visc.-Sec.	180	165	165
W.L.-C.C.	6.6	6	6.6
FL TR. CK.	2/32	2/32	2/32
PH	4	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100	LBS	
Spersene	50		

Driller: Lloyd Hunt

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8659	8703	44	D			45	36	1400	6"	46	5½		

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. & B.O.P.
8:15	4:00	7¾						Drilling

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
86	Stands D.P.		Ft.
1	Singles D.P.	8097.71	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit 3x5 S.B.	4.00	Ft.
	Kelly Down	12.89	Ft.
	Total	8741.00	Ft.
Wt. of String	186,000		Lbs.
Pipe in Hole	259		Jts.
Pipe on Racks	96		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	24	
Size	8¾	
Mfg.	Sec.	
Type	S88	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	343081	
Depth Out		
Depth In	8542	
Total Ftg.	199	
Total Hr. Run	36¼	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	5:00	8:00	11:00
Weight	10.2	10.2	10.2
Visc.-Sec.	165	167	191
W.L.-C.C.	6.8	6.2	6.2
FL TR. CK.	2/32	2/32	2/32
PH	10	10+	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Super-Gel	500 LBS		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8703	8741	38	D			45	35	1500	6"	50			S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv
4:15	12:00	7¾						Drilling

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CORE DIVISION LIBRARY — APR 27 1972 — YELLOWKNIFE N.W.T. — MINERALS ECONOMIC DEVELOPMENT BRANCH

No. 7831

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA FIELD OME A-28

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

Date APRIL 5 1972

Weather Condition +5 | Road Conditions GOOD | Nearest Town | Water - Source LAKE | Miles Hauled 4 | Pumped ... | Camp Distance from Rig 100 YDS | Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

Rig No. 2 | DWKS 7-91

Drill Pipe String: No. 2 | Size 4½"

Tool Joint 6¼ O.D. | Type Thd. FH.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1	IDECO	608	16
2	NSCO	C-150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	SAP	36-J-55	32	1027	13.00	1028	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		5¼	7¾
Reaming	6¾	¼	
Conditioning Mud & Circulating			
Trips	1	¼	
Lubricate Rig	¾		¼
Deviation Survey			
Test B.O.P.		¼	
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 (Offices Use Only)

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

WIRE LINE RECORD

Reel No. 5

No. of Lines 8 Size 1/4

Feet Slipped 1125

Feet Cut Off 1076

Present Length

Ton Mi. or Trips Since Last Cut 107

Cumulative Ton Mi. or Trips 5317

No. of Days From Spud 56

Cumulative Rotating Hrs. 806½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2¾ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¾ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or C.B. O.D.	4.00	Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ... Lbs.

Pipe in Hole ... Jts.

Pipe on Racks ... Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	
Depth In	8542
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	10⁰⁰	3³⁰	7⁰
Weight	165	195	10.1
Visc.-Sec.	10.1+	10.1+	220
W.L.-C.C.	6.0	5.4	←
FL TR. CK.	←	←	←
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	350 lbs		

Driller A. Zanger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5124	5468	344	R.			40	7	1500	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	12¹⁵	¼						Rig Ser.
12¹⁵	6¹⁵	6						Clean out Br. Dge
6¹⁵	7¹⁵	1						Run in
7¹⁵	8⁰⁰	¾						Clean out.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
84	Stands D.P.	7879.50	Ft.
1	Singles D.P.	30.95	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or Sub C.B.	4.00	Ft.
	Kelly Down	29.15	Ft.
	Total	8570.00	Ft.

Wt. of String 184,000 Lbs.

Pipe in Hole 253 Jts.

Pipe on Racks 102 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	
Depth In	8542
Total Ftg.	28
Total Hr. Run	5¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

Time	9:00	12:00	3:00
Weight		10.1+	10.1
Visc.-Sec.	220	225	220
W.L.-C.C.		5.8	5.8
FL TR. CK.		2/32	2/32
PH		9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERSENE	100#		
CAUSTIC	100#		
GEL.	700#		

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8542	8556	14	D					1400			5½	68	5
8556	8570	14	D			48	35	1500	6"	48			3
		28											

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	¼						✓ BOPs + rig service.
9:15	9:30	¼						Clean bridge @ 7830
9:30	9:45	¼						Run in 6 stds.
9:45	10:45	2						Clean 120' to bottom
10:45	4:00	5¼						Drlng.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
84	Stands D.P.	7941.56	Ft.
0	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼ I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or Sub C.B.	4.00	Ft.
	Kelly Down	42.00	Ft.
	Total	8613.96	Ft.

Wt. of String 185,000 Lbs.

Pipe in Hole 254 Jts.

Pipe on Racks 101 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	24
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
Depth Out	
Depth In	8542
Total Ftg.	13
Total Hr. Run	7¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ...

Trucker ...

Trucker ...

MUD RECORD

Time	4.30	8.30	10.30
Weight	10.2	10.2	10.2
Visc.-Sec.	220	170	165
W.L.-C.C.	7.2	6.8	6.8
FL TR. CK.	12/32	2/32	2/32
PH	4.5	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Dowcede	50 gals.		
Kelzan	100	285	

Driller Lloyd Short

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8570	8613	43	D			45	35	1400	6"	48	5½	—	

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	415	¼						Rig Serv.
415	1200	7¾						Drilling

CONSERVATION ENGINEER
DEVELOPMENT
APR 21 1972
NEW HIGH PRODUCING DEVELOPMENT

No. 7830

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL Duma KRIES A-28

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

Date: APRIL 4 19 72

Weather Condition: -5 Road Conditions: good Nearest Town:

Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 YDS Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. FH O.D. 6¼

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150-13	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	SMF	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	4¼	13¾
Reaming			6
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey	¾	¼	
Test B.O.P.		¼	
Cut Off Drilling Line			¼
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. 5

No. of Lines 8 Size 1/8

Feet Slipped 1125

Feet Cut Off 1076

Present Length

Ton Mi. or Trips Since Last Cut 543

Cumulative Ton Mi. or Trips 5210

No. of Days From Spud 55

Cumulative Rotating Hrs. 793½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
83	Stands D.P.		Ft.
2	Singles D.P.	7849.92	Ft.
2	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	556.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 7/80 O.D.	3.96	Ft.
1	Bit or C.B. O.D.	4.00	Ft.
	Kelly Down	37.68	Ft.
	Total	8518	Ft.
Wt. of String		190,000	Lbs.
Pipe in Hole		251	Jts.
Pipe on Racks		104	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	23
Size	8¾
Mfg.	SEC.
Type	MAHN
Nozzle No.	3
Nozzle Size	16
Ser. No.	374749
Depth Out	
Depth In	8164
Total Ftg.	354
Total Hr. Run	53½
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	10.1	10.1	10.1
Visc.-Sec.	155	154	150
W.L.-C.C.	6.2	5.6	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
[redacted]			

Driller: O.R. Clark

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8473	8518	45	D			70	45	1800	6"	50			5

Deviation Record: Depth 8450 Dev. 4° Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Ser.
12:15	2:15	2						Drill
2:15	3:00	¾						Survey 8450 4°
3:00	8:00	5						Drill

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
84	Stands D.P.	7879.50	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~C.B.~~	4.00	Ft.
	Kelly Down	32.10	Ft.
	Total	8524.00	Ft.
Wt. of String		190,000	Lbs.
Pipe in Hole		252	Jts.
Pipe on Racks		103	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	23
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374749
Depth Out	8542
Depth In	8164
Total Ftg.	378
Total Hr. Run	57¾
Cond. of Bit	5,8,1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker: FALCON Trucker: ____ Trucker: ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.1	10.1	
Visc.-Sec.	152	159	
W.L.-C.C.	6.0	6.2	
FL TR. CK.	2/32	2/32	
PH	10.	10.	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL.	500#		

Driller: O. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8518	8542	24	D			70	45	1500	6"	50			5

Deviation Record: Depth 8522 Dev. 4° Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:45	¾						Drlg.
8:45	9:00	¼						✓ BOP's, kelley cock, & rig service.
9:00	12:30	3½						Drlng.
12:30	12:45	¼						Pumped survey down
12:45	3:45	3						Pull out (bridge @ 4800')
3:45	4:00	¼						Closed blind rams; change bits.

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.	24
Size	8¾
Mfg.	Sec
Type	588
Nozzle No.	3
Nozzle Size	16
Ser. No.	343081
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	7:00	9:00	11:00
Weight		10.1	10.1
Visc.-Sec.	180	165	165
W.L.-C.C.			
FL TR. CK.		[illegible]	[illegible]
PH		10.	10.
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
4800	5124	324	R.			40	7	1500	6"	52			5

Deviation Record: Depth Dev. Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½						Run in collars
4:30	4:45	¼						Slip 49' of line & rig service.
4:45	6:00	1¼						Run in to 4800'
6:00	12:00	6						Reaming bridge from 4800' to 5124

APR 21 1972
DEPARTMENT OF MINES AND RESOURCES
CONSERVATION ENGINEER
EDMONTON, ALBERTA

No. 7829

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL DOME A-2 B
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: APRIL 3 19 72

Weather Condition: -10 Road Conditions: GOOD Nearest Town:
Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 1.00 YDS
Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

Rig No.: 2 DWKS 7-11
Drill Pipe String: No. 2 Size 4½
Tool Joint: F.H 6¼ O.D. Type Thd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-150-B	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	SAF	36-J-55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¼	9¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey		½	¾
Test B.O.P.		¼	
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. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 1076
Feet Cut Off 1076
Present Length
Ton Mi. or Trips Since Last Cut 314
Cumulative Ton Mi. or Trips 4981
No. of Days From Spud 54
Cumulative Rotating Hrs. 782¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
82	Stands D.P.	7695.76 Ft.	Bit No.	23
	Singles D.P.	Ft.	Size	8¾
2	D.C. 7" I.D. 2¼ O.D.	61.40 Ft.	Mfg.	SEC.
			Type	M44N
18	D.C. 6¼ I.D. 2¼ O.D.	555.60 Ft.	Nozzle No.	3
			Nozzle Size	16
1	Stb. Body O.D.	5.44 Ft.	Ser. No.	374749
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	8164
1	Subs X/O O.D.	3.96 Ft.	Total Ftg.	196
1	Bit or Stb.	4.00 Ft.	Total Hr. Run	32
	Kelly Down	33.84 Ft.	Cond. of Bit	IN
	Total	8360 Ft.	Reamer No.	
Wt. of String	186,000 Lbs.		Reamer Type	
Pipe in Hole	246 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	109 Jts.		Trucker	
Total Pipe on Lease	355 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	1:00	3:30	7:00
Weight	10	10.	10.
Visc.-Sec.	153	150	16
W.L.-C.C.	5.8	6.0	6.
FL TR. CK.	¾	¾	¾
PH	10.	10.	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500 lbs		
Delgard L	50 lbs		

Driller: A. Jansen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8305	8360	55	D			70	35	1500	6"	50	5½		S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig SER.
12:15	8:00	7¾						Drill

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
82	Stands D.P.	7695.76 Ft.	Bit No.	23
2	Singles D.P.	61.99 Ft.	Size	8¾
2	D.C. 7" I.D.	61.40 Ft.	Mfg.	Sec.
			Type	M44N
18	D.C. 6¼" I.D.	555.60 Ft.	Nozzle No.	3
			Nozzle Size	16
1	Stb. Body O.D.	5.44 Ft.	Ser. No.	374749
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	8164
1	Subs X/O O.D.	3.96 Ft.	Total Ftg.	259
1	Bit Stb.	4.80 Ft.	Total Hr. Run	39¼
	Kelly Down	34.85 Ft.	Cond. of Bit	in
	Total	8423.00 Ft.	Reamer No.	
Wt. of String	187,000 Lbs.		Reamer Type	
Pipe in Hole	248 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	107 Jts.		Trucker FALCON	
Total Pipe on Lease	355 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	9:30	12:00	3:00
Weight	10.	10.+	10.+
Visc.-Sec.	164	158	150
W.L.-C.C.	6.2	6.2	6.0
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.+	10+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100#		
SPERSENE	50#		
GEL.	550#		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8360	8423	63	D			80	30	1350			5½	68	S
								1500	6"	50			S

Deviation Record: Depth 8330 Dev. 4¾ Direction ___ | Depth ___ Dev. ___ Direction ___ | Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:45	¾						Drlng.
9:45	9:15	½						Survey @ 8360: 4¾
9:15	9:30	¼						Trip BOPs & rig service.
9:30	4:00	6½						Drlng.

C-150 on the hole for 1hr. (worked ok.)

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
83	Stands D.P.	Ft.	Bit No.	23
1	Singles D.P.	78.69 Ft.	Size	8¾
2	D.C. 7" I.D.	61.40 Ft.	Mfg.	Sec.
			Type	M44N
18	D.C. 6¼" I.D.	555.60 Ft.	Nozzle No.	3
			Nozzle Size	16
1	Stb. Body O.D.	5.44 Ft.	Ser. No.	374749
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	8164
1	Subs X/O O.D.	3.96 Ft.	Total Ftg.	309
1	Bit Stb.	4.80 Ft.	Total Hr. Run	46½
	Kelly Down	23.91 Ft.	Cond. of Bit	IN
	Total	8473. Ft.	Reamer No.	
Wt. of String	187,000 Lbs.		Reamer Type	
Pipe in Hole	250 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	105 Jts.		Trucker	
Total Pipe on Lease	355 Jts.		Trucker	
			Trucker	

MUD RECORD

Time	5:00	8:00	11:00
Weight	10.+	10.1	10.1
Visc.-Sec.	161	162	160
W.L.-C.C.	6.2	6.0	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10.	10.
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
8423	8436	13	D			80	30	1500	6"	50			S
8436	8473	37	D			80	37	1500	6"	50			

Deviation Record: Depth 8390 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
4:00	4:45	¾						Drlng.
4:45	5:30	¾						Survey @ 8390 4°: rig service.
5:30	12:00	6½						Drlng.

DEPARTMENT OF MINES AND RESOURCES ... DEC 7 1972 ... MINERAL EVALUATION CHAMBERS

No. 7828

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA FLAT DOME KEEIS A-28

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

Date APRIL MARCH 2 19 71

Weather Condition -5 Road Condition GOOD Nearest Town

Water Source LAKE Miles Hauled 4 Pumped ____ Camp Distance from Rig 100 YDS. Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Delahb

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint 6¼ O.D. Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150 B	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝	TAP	36 J-55	32 / 32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6½	7¾	7
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey	1¼		¾
Test B.O.P.			¼
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.	5
No. of Lines	1½ Size 8
Feet Slipped	1076
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	314
Cumulative Ton Mi. or Trips	4981
No. of Days From Spud	53
Cumulative Rotating Hrs.	760

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
80	Stands D.P.		Ft.
2	Singles D.P.	75.71.81	Ft.
7	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or Sub C.B.	4.00	Ft.
	Kelly Down	9.79	Ft.
	Total	8217	Ft.

Wt. of String 185,000 Lbs.

Pipe in Hole 242 Jts.

Pipe on Racks 113 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	23		
Size	8¾		
Mfg.	SEC.		
Type	M44N		
Nozzle	No. 3		
	Size 16		
Ser. No.	374749		
Depth Out			
Depth In	8164		
Total Ftg.	48		
Total Hr. Run	9½		
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	10.	10.	10.
Visc.-Sec.	145	160	155
W.L.-C.C.	5.8	6.0	5.8
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	650 lbs		
Dehydrate - 50			

Driller A. Jensen

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
81	Stands D.P.	7602.14	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or SUB C.B.	4.80	Ft.
	Kelly Down	20.46	Ft.
	Total	8253.00	Ft.

Wt. of String 186,000 Lbs.

Pipe in Hole 243 Jts.

Pipe on Racks 112 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	23		
Size	8¾		
Mfg.	See.		
Type	M44N		
Nozzle	No. 3		
	Size 16		
Ser. No.	374749		
Depth Out			
Depth In	8164		
Total Ftg.	89		
Total Hr. Run	17¼		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

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

Trucker FALCON 7

Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	10+	10.	10
Visc.-Sec.	151	150	160
W.L.-C.C.	6.0	5.6	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	600 #		

Driller L. Blabbya

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
81	Stands D.P.		Ft.
1	Singles D.P.	7633.34	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or SUB C.B.	4.80	Ft.
	Kelly Down	41.26	Ft.
	Total	8305.00	Ft.

Wt. of String 186,000 Lbs.

Pipe in Hole 244 Jts.

Pipe on Racks 111 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	23		
Size	8¾		
Mfg.	See		
Type	M44N		
Nozzle	No. 3		
	Size 16		
Ser. No.	374749		
Depth Out			
Depth In	8164		
Total Ftg.	141		
Total Hr. Run	24¼		
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	10.	10.	10.
Visc.-Sec.	161	160	155
W.L.-C.C.	6.2	5.2	5.6
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller ____

FOOTAGE — MORNING TOUR

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8178	8212	34	D			70	25	1500	6"	52			S

Deviation Record: Depth 8140 Dev. 5° Direction

Depth 8200 Dev. 5° 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						DRILL
12:30	1:15	¾						SURVEY 8140 - 5°
1:15	1:30	¼						RIG SER.
1:30	~~3:30~~	6						DRILL
7:30	8:00	½						SURVEY 8200 - 5°

FOOTAGE — DAY TOUR

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8212	8238	26	D			70	25	1500	6"	50			S
8238	8253	15	D			70	35	1500	6"	50			S
		41											

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						√ BOPs, motor shutoffs & rig service.
8:15	4:00	7¾						Drlng.

FOOTAGE — EVENING TOUR

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8253	8275	22	D			70	35	1500	6"	50			S
8275	8305	30	D			70	40	1500	6"	50			S

Deviation Record: Depth 8260 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
4:00	4:15	¼						Rig service.
4:15	6:45	2½						Drlng.
6:45	7:30	¾						Survey @ 8260 - 4°
7:30	12:00	4½						Drlng.

GEOLOGICAL BRANCH, OIL AND GAS CONSERVATION BOARD, NORTHERN ALBERTA REGION, EDMONTON, ALBERTA
APR 7 1971

No. 7827

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ELALDORADO KEELES A-28

Date: APRIL 1 19 72

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

Weather Condition: -10 | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped ___ | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint: 6¼ O.D. | Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-130-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn.	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	7	5½	3
Reaming bridge			1
Conditioning Mud & Circulating			
Trips		8	3¾
Lubricate Rig	¼		
Deviation Survey	¾	¼	
Test B.O.P.		¼	4
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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	1076
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	314
Cumulative Ton Mi. or Trips	4981
No. of Days From Spud	52
Cumulative Rotating Hrs.	735 ¾

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
79	Stands D.P.		Ft.
2	Singles D.P.	7477.85	Ft.
2	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or SUB	4.00	Ft.
	Kelly Down	11.65	Ft.
	Total	8120	Ft.

Wt. of String: 183,000 Lbs.

Pipe in Hole: 239 Jts.

Pipe on Racks: 116 Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	22
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	912832
Depth Out	
Depth In	
Total Ftg.	7843
Total Hr. Run	277
Cond. of Bit	H 1¼
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	1:00	3:00	7:00
Weight	~~150 lbs~~		10.
Visc.-Sec.	150	148	140
W.L.-C.C.	5.6	5.6	5.6
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	650 lbs		
Kelzan XC	50 lbs		

Driller: A. Jonsson

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 SCL-S Par'el-P Com'd-C
7948	8120	72	D			55	40	1500	6"	52			5

Deviation Record: Depth 8014 | 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	12:15	¼						Rig SER.
12:15	1:15	1						DRILL
1:15	2:00	¾						SURVEY 8014 4°
2:00	8:00	6						DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
80	Stands D.P.	7509.20	Ft.
	Singles D.P.		Ft.
2	D.C. I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or SUB	4.00	Ft.
	Kelly Down	24.40	Ft.
	Total	8164.00	Ft.

Wt. of String: 185,000 Lbs.

Pipe in Hole: 240 Jts.

Pipe on Racks: 115 Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	22
Size	8¾
Mfg.	See.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	912832
Depth Out	8164
Depth In	7843
Total Ftg.	321
Total Hr. Run	40¾
Cond. of Bit	1,2,1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 4

Trucker ___

Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	10.	10.	
Visc.-Sec.	142	150	
W.L.-C.C.	6.0	5.8	
FL TR. CK.	2/32	2/32	TRIP
PH	10.	10.	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	500#		
CAUSTIC	100#		
SPERSENE	50#		

Driller: L. Blakley

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 SCL-S Par'el-P Com'd-C
8120	8164	44	D			50-55	40	1500	6"	52			5

Deviation Record: Depth 8150 | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	¼						TRIP, BOPs, motor shutoffs, rig service.
9:15	1:45	5½						Dclngs.
1:45	2:00	¼						Pumped survey down
2:00	4:00	2						Pull out

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
80	Stands D.P.	7509.20	Ft.
	Singles D.P.		Ft.
2	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or SUB	4.00	Ft.
	Kelly Down	38.40	Ft.
	Total	8178	Ft.

Wt. of String: 185,000 Lbs.

Pipe in Hole: 240 Jts.

Pipe on Racks: 115 Jts.

Total Pipe on Lease: 355 Jts.

BIT RECORD

Bit No.	23
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	9
Nozzle Size	16
Ser. No.	374749
Depth Out	
Depth In	8164
Total Ftg.	14
Total Hr. Run	3
Cond. of Bit	1 1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time		9:00	11:00
Weight		10.	10.
Visc.-Sec.		150	148
W.L.-C.C.		5.6	5.8
FL TR. CK.	TRIP	2/32	2/32
PH		10.5	10.
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 SCL-S Par'el-P Com'd-C
8164	8178	14	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
4:00	5:00	1						Pull out.
5:00	5:15	¼						Closed blind rams & rig service.
5:15	7:45	2½						Run in to 7795
7:45	8:30	¾						Clean bridge @ 7795'
8:30	8:45	¼						RUN IN
8:45	9:00	¼						CLEAN TO BOTTOM 20 ft.
9:00	12:00	3						DRILL

DEPARTMENT OF MINES AND RESOURCES — CONSERVATION ENGINEER — NORTHERN AFFAIRS AND NATIONAL RESOURCES — APR 1 1972 — EDMONTON, ALBERTA

No. 7826

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA REAL DOME KEELE A-28

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

Date: MARCH 31 1972

Weather Condition: - 8

Road Conditions: 9000

Nearest Town:

Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 YDS Reason for Extra L. Plant: SPACE

OPERATOR: WESTERN DECALTA

Rig No. 2 — DWKS 7-11

Drill Pipe String: No. 2, Size 4½

Tool Joint: 6¼ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.B. Leblanc

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	7¾	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey	¾		
Test B.O.P.		¼	
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.	5
No. of Lines	8 Size 1½
Feet Slipped	1076
Feet Cut Off	1076
Present Length	
Ton Mi. or Trips Since Last Cut	100
Cumulative Ton Mi. or Trips	4767
No. of Days From Spud	51
Cumulative Rotating Hrs.	723 ¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
77	Stands D.P.		Ft.
2	Singles D.P.	7290.44	Ft.
2	D.C. 2¼ I.D. O.D. 7"	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit or Stb.	4.00	Ft.
	Kelly Down	27.16	Ft.
	Total	7920.04	Ft.
Wt. of String	183,000		Lbs.
Pipe in Hole	233		Jts.
Pipe on Racks	122		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	22
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	912832
Depth Out	
Depth In	7843
Total Ftg.	115
Total Hr. Run	18¾
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	3:30	7:00
Weight	9.9	9.9	10.
Visc.-Sec.	130	130	140
W.L.-C.C.	5.4	5.6	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 lbs		
Polymer	50 lbs		

Driller: A. Zan Jour.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
78	Stands D.P.	7321.66	Ft.
1	Singles D.P.	31.38	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~or Stb.~~ Sub	4.00	Ft.
	Kelly Down	17.57	Ft.
	Total	8001.00	Ft.
Wt. of String	183,000		Lbs.
Pipe in Hole	235		Jts.
Pipe on Racks	120		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	22
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	912832
Depth Out	
Depth In	7843
Total Ftg.	158
Total Hr. Run	26½
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 7 — O.T. Hrs.
Trucker FALCON
Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.9	9.9	9.9
Visc.-Sec.	138	134	138
W.L.-C.C.	6.2	6.2	5.6
FL TR. CK.	3/32	3/32	2/32
PH	9.5	10.+	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100 #		
SPERSENE	50 #		
GEL	750 #		

Driller: L. Blakley

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
78	Stands D.P.		Ft.
2	Singles D.P.	7384.25	Ft.
2	D.C. I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~or Stb.~~ Sub	4.00	Ft.
	Kelly Down	33.35	Ft.
	Total	8048	Ft.
Wt. of String	183,000		Lbs.
Pipe in Hole	238		Jts.
Pipe on Racks	119		Jts.
Total Pipe on Lease	355		Jts.

BIT RECORD

Bit No.	22
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	912832
Depth Out	
Depth In	7843
Total Ftg.	205
Total Hr. Run	34¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	8:00	11
Weight	9.9	10.2	10.
Visc.-Sec.	140	136	140
W.L.-C.C.	5.8	5.8	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel			

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7915	7958	43	D			45	40	1500	6"	52			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	7889	4°							

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 SER.
12:15	2:15	2						DRILL
2:15	3:00	¾						SURVEY 7889 4°
3:00	8:00	5						DRILL.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7958	8001	43	D			45	40	1500	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
8:00	8:15	¼						√ BOPs, mks., rig service, + √ compound chain oiler
8:15	4:00	7¾						Drlng.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
8001	8048	47	D			45	40	1500	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
4:00	4:15	¼						Rig Service.
4:15	12:00	7¾						Drlng.

DEPARTMENT OF MINES AND NATURAL RESOURCES
CONSERVATION ENGINEER
APR 7 1972
EDMONTON, ALBERTA

No. 7875

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL DOME-KEELS A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: MARCH 30, 1972
Weather Condition: -2 WIND Road Conditions: SNOW
Nearest Town:
Water - Source: LAKE Miles Hauled: 11 Pumped:
Camp Distance from Rig: 100 YDS Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA
Rig No.: 2 DWKS 7-41
Drill Pipe String: No. 2 Size 4½"
Tool Joint: 6¼ O.D. Type Tbd. FH.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Leblanc

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-130-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	13¼	4	7¾
Reaming		2	
Conditioning Mud & Circulating			
Trips	4¾	1¾	
Lubricate Rig	¼		¼
Deviation Survey	¼		
Test B.O.P.		¼	
Cut Off Drilling Line	1		
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.	5
No. of Lines	8 Size 1 1/2
Feet Slipped	1025
Feet Cut Off	10 76
Present Length	
Ton Mi. or Trips Since Last Cut	100
Cumulative Ton Mi. or Trips	4767
No. of Days From Spud	50
Cumulative Rotating Hrs.	700 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
76	Stands D.P.		
2	Singles D.P.	7196.72	
2	D.C. 2¼ 7" I.D. O.D.	61.40	Ft.
18	D.C. 2¼ 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	15.88	Ft.
	Total	7843	Ft.
Wt. of String		180,000	Lbs.
Pipe in Hole		230	Jts.
Pipe on Racks		125	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	21	22
Size	8 3/4	8¾
Mfg.	MORHM	SEC.
Type	SSIG	S88
Nozzle No.	3	3
Nozzle Size	16	16
Ser. No.	265456	912832
Depth Out	7843	
Depth In	7814	7843
Total Ftg.	29	
Total Hr. Run	12½	
Cond. of Bit		
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	100		
Weight	9.9		
Visc.-Sec.	150		
W.L.-C.C.	5.0		
FL TR. CK.	TR		
PH	10.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	650		

Driller: A. Jo Jow.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
76	Stands D.P.		
2	Singles D.P.	7196.72	
2	D.C. 2¼ 7" I.D. O.D.	61.40	Ft.
18	D.C. 2¼ 6¼" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or ~~C.B.~~ 5¼6	4.00	Ft.
	Kelly Down	31.88	Ft.
	Total	7859.00	Ft.
Wt. of String		180,000	Lbs.
Pipe in Hole		230	Jts.
Pipe on Racks		125	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	22	
Size	8 3/4	
Mfg.	Sec.	
Type	588	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	912832	
Depth Out		
Depth In	7843	
Total Ftg.	16	
Total Hr. Run	4	
Cond. of Bit	in	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker FALCON 10
Trucker
Trucker

MUD RECORD

Time	10:30	12:30	3:00
Weight		9.9	9.9
Visc.-Sec.	170	150	130
W.L.-C.C.		6.	5.8
FL TR. CK.		2/32	2/32
PH		9.5	10. CC
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERSENE	100#		
CAUSTIC	100#		

Driller: L. Blakley

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
77	Stands D.P.		
5	Singles D.P.	7259.72	
2	D.C. 2¼ 7" I.D. O.D.	61.40	Ft.
18	D.C. 2¼ 6¼" I.D. O.D.	555.60	Ft.
	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or ~~C.B.~~ 5¼6	4.00	Ft.
	Kelly Down	25.38	Ft.
	Total	7915	Ft.
Wt. of String		180,000	Lbs.
Pipe in Hole		232	Jts.
Pipe on Racks		123	Jts.
Total Pipe on Lease		355	Jts.

BIT RECORD

Bit No.	22	
Size	8 3/4	
Mfg.	Sec.	
Type	588	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	912832	
Depth Out		
Depth In	7843	
Total Ftg.	72	
Total Hr. Run	11¾	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	5:00	8:00	11:00
Weight	9.9	9.9	9.9
Visc.-Sec.	115	130	130
W.L.-C.C.	5.6	5.4	5.6
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10+	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	600#		

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
7838	7843	5	D			80	45	1500	6"	52			5

Deviation Record: 7838 — 4½°

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 SER.
12:15	2:00	1¾						DRILL
2:00	2:15	¼						SURVEY 7838 4½°
2:15	6:15	4						PULL OUT.
6:15	7:15	1						SLIP & CUT LINE
7:15	8:00	¾						RUN IN

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY).	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7843	7859	16	D			40	20	1500	6"	50			5
						40-45	30-35	1500	6"	52			5

Deviation Record:

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						✓ BOP's & Motor shut offs & rig service
8:15	10:00	1¾						Run in the hole.
10:00	12:00	2						Reaming 120' to bottom.
12:00	4:00	4						Drlng. W/ 30,000 on the bit

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7859	7915	56	D			40-45	35-40	1500	6"	52			5

Deviation Record:

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	12:00	7¾						Drlng.

No. 7874

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA EL AL DOME KEKIKS 4-28

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

Date: MARCH 29 1972

Weather Condition: + 20 | Road Conditions: good | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Lalak

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint: 6 1/4 O.D. | Type Thd. FH.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NCCO	C150B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36-J-55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		3 3/4	7
Reaming	4	4	
Conditioning Mud & Circulating			
Trips	3 3/4		
Lubricate Rig	1/4		1/4
Deviation Survey			3/4
Test B.O.P.		1/4	
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. 5

No. of Lines 9 Size 1/0

Feet Slipped 1029

Feet Cut Off 980

Present Length

Ton Mi. or Trips Since Last Cut 630

Cumulative Ton Mi. or Trips 4567

No. of Days From Spud 49

Cumulative Rotating Hrs. 687 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" 2¾ I.D. O.D.	61.40	Ft.
18	D.C. 6¼ 2¼ I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ____ Lbs.

Pipe in Hole ____ Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

BIT RECORD

Bit No.	21
Size	8 3/4
Mfg.	MURPHY
Type	SS16
Nozzle No.	3
Nozzle Size	16
Ser. No.	265456
Depth Out	
Depth In	7814
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 A. Jonasson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4894	5030	136	R			50	7	1500	6"	52			S
7348	7388		R.			50	7	1500	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
12 00	12 15	1/4						Rig SER
12 15	1 30	1 1/4						PULL OUT
1 30	3 30	2						RUN in
3 30	6 30	3						CLEAN OUT BRIDGE. 4894 to 5030
6 30	7 00	1/2						RUN
7 00	8 00	1						CLEAN OUT 7348 - 7388
8 00	4 00	20						Reval

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
76	Stands D.P.		Ft.
1	Singles D.P.	7165.40	Ft.
2	D.C. 7" 2½ I.D. O.D.	61.40	Ft.
18	D.C. 6¼" 2¼ I.D. O.D.	555.60	Ft.
	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~Stb~~ O.B.	4.00	Ft.
	Kelly Down	25.20	Ft.
	Total	7821.00	Ft.

Wt. of String 180,000 Lbs.

Pipe in Hole 229 Jts.

Pipe on Racks 126 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	21
Size	8 3/4
Mfg.	Murphy
Type	SS16
Nozzle No.	3
Nozzle Size	16
Ser. No.	265456
Depth Out	
Depth In	7814
Total Ftg.	7
Total Hr. Run	3 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 8 — O.T. Hrs.

Trucker FALCON

Trucker

Trucker

MUD RECORD

Time	9.15	1:00	3:00
Weight		9.9	9.9
Visc.-Sec.	150	128	125
W.L.-C.C.		6.2	5.4
FL TR. CK.		2/32	1/32
PH		10.+	10.+
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KALZAN AL.		100#	
GEL.		650#	

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1670	7814	144	R			45	20	1500	6"	52			S
7814	7821	7	D			45	30	1500	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
8:00	8:15	1/4						Bolts, mks., trip service.
8:15	12:15	4						Reaming from 7670 to 7814
12:15	4:00	3 3/4						Drlg

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
76	Stands D.P.		Ft.
2	Singles D.P.	7196.72	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~Stb~~ O.B.	4.00	Ft.
	Kelly Down	10.88	Ft.
	Total	7838	Ft.

Wt. of String 180,000 Lbs.

Pipe in Hole 230 Jts.

Pipe on Racks 125 Jts.

Total Pipe on Lease 355 Jts.

BIT RECORD

Bit No.	21
Size	8 3/4
Mfg.	Murphy
Type	SS16
Nozzle No.	3
Nozzle Size	16
Ser. No.	265456
Depth Out	
Depth In	7814
Total Ftg.	24
Total Hr. Run	24 10 3/4
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

Time	5:00	8:00	11:30
Weight	9.9	9.9	9.9
Visc.-Sec.	145	145	130
W.L.-C.C.	5.8	5.2	5.4
FL TR. CK.	2/32	2/32	2/32
PH	10.+	10.	10.
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
7821	7827	6	D			45	30	1500	6"	52			S
7827	7838	11	D			60	45	1500	6"	52			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	7806			7795	4½°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig service
4:15	7:45	3 1/2						Drlng.
7:45	8 30	3/4						Survey @ 7806 7795 4½°
8 30	12 00	3 1/2						Drlg

CONSERVATION ENGINEER
DEPARTMENT OF MINES AND NATURAL RESOURCES
EDMONTON, ALTA.
APR - 7 1972

No. 7873

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL DOME KRIES A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: MARCH 28 1972

Weather Condition: +20 | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped: | Reason for Extra L. Plant: SPARE | Camp Distance from Rig: 100 YDS

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. A. Blank

Rig No. 2 DWKS. 7-11 | Drill Pipe String: No. 5, Size 4½ | Tool Joint: 6¼ O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150 B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36 J-55	32	1067	13.00	1026	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling, Actual	7¾	7½	2¾
Reaming			
Conditioning Mud & Circulating			
Trips			4¾
Lubricate Rig	¼		¼
Deviation Survey		½	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.	5
No. of Lines	8 Size 1/16
Feet Slipped	1029
Feet Cut Off	980
Present Length	
Ton Mi. or Trips Since Last Cut	100
Cumulative Ton Mi. or Trips	4382
No. of Days From Spud	48
Cumulative Rotating Hrs.	676 ½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
75	Stands D.P.	Ft.	Bit No.	20
2	Singles D.P.	7102.81 Ft.	Size	8¾
2	D.C. 2¼ I.D. 7" O.D.	61.40 Ft.	Mfg.	MURPHY
18	D.C. 2¼ I.D. 6¼ O.D.	555.60 Ft.	Type	SS1C
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	795928
1	Subs X/O O.D.	3.96 Ft.	Depth Out	
1	Bit ~~or S.B.~~ Sub	4.06 Ft.	Depth In	7660
	Kelly Down	41.79 Ft.	Total Ftg.	115
	Total	7775. Ft.	Total Hr. Run	14
Wt. of String	178,000 Lbs.		Cond. of Bit	1 1 1
Pipe in Hole	227 Jts.		Reamer No.	
Pipe on Racks	130 Jts.		Reamer Type	
Total Pipe on Lease	357 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time	100	330	700
Weight	9.9	9.9	9.9
Visc.-Sec.	125	120	125
W.L.-C.C.	5.0	5.0	5.2
FL TR. CK.	~~7/32~~	~~7/32~~	~~7/32~~
PH	10.	~~9.0~~ 9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500 lbs		

Driller: A. Jones

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7708	7775	67	D			80	45	1500	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
1260	1215	¼						Rig SER.
1215	815	7¾						Drill

COMMENTS & OBSERVATIONS ON MUD SPLAT ON KELLY SAVER SUB

① - WE HAVE NOTICED IMPROVEMENT IN WORKING CONDITIONS ON FLOOR AND MUCH CLEANER WORKING AREA

② FASTER CLEAN AND ELIMINATES SPINNING CHAIN SNAGS ON TOP

③ CONSIDERABLE MUD SAVINGS AS MUCH AS A THIRD OF STANDBY PUMP ON THE HOLE HRS. BAL. PER CONN.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
76	Stands D.P.	7134.04 Ft.	Bit No.	20
	Singles D.P.	Ft.	Size	8¾
2	D.C. I.D. O.D.	61.40 Ft.	Mfg.	Murphy
18	D.C. I.D. O.D.	555.60 Ft.	Type	SS1C
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	795928
1	Subs X/O O.D.	3.96 Ft.	Depth Out	
1	Bit ~~or S.B.~~ Sub	4.00 Ft.	Depth In	7660
	Kelly Down	42.00 Ft.	Total Ftg.	146
	Total	7806.49 Ft.	Total Hr. Run	21½
Wt. of String	178,000 Lbs.		Cond. of Bit	1 1
Pipe in Hole	228 Jts.		Reamer No.	
Pipe on Racks	129 Jts.		Reamer Type	
Total Pipe on Lease	357 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker FALCON	10
			Trucker	
			Trucker	

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.9	9.9	9.9
Visc.-Sec.	130	121	124
W.L.-C.C.	6.2	5.4	5.6
FL TR. CK.	2/32	2/32	2/32
PH	9.0	9.5	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERSENE	~~100#~~		200#
CAUSTIC	~~100#~~		280#
KELZAN AR	50#		
GEL			700#

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7775	7806	31	D			40	20	1500	6"	52			5
								1250			5½	70	
								1400	6"	50			

Deviation Record: Depth 7743 | Dev. 4¾ | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7:00	8:30	1½						Survey @ 7743: √ BOPs - mks. - rig service.
8:30	4:00	7½						Drlng.

Changed oil & oil filters in all floor motors.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
76	Stands D.P.	Ft.	Bit No.	20
1	Singles D.P.	7165.40 Ft.	Size	8¾
2	D.C. I.D. O.D.	61.40 Ft.	Mfg.	Murphy
18	D.C. I.D. O.D.	555.60 Ft.	Type	SS1C
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	795928
1	Subs X/O O.D.	3.96 Ft.	Depth Out	7814
1	Bit ~~or S.B.~~ Sub	4.00 Ft.	Depth In	7660
	Kelly Down	Ft.	Total Ftg.	154
	Total	Ft.	Total Hr. Run	24¼
Wt. of String	178,000 Lbs.		Cond. of Bit	1-1-1
Pipe in Hole	Jts.		Reamer No.	
Pipe on Racks	Jts.		Reamer Type	
Total Pipe on Lease	357 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time	5:00		
Weight	9.9		
Visc.-Sec.	140		
W.L.-C.C.	5.3		
FL TR. Cl.	2/32		
PH	10.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	250#		

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
7806	7814	8	D			80	20	1400	6"	50			5
						80	40	1400	6"	50			

Deviation Record: Depth 7814 | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig service.
4:15	7:00	2¾						Drlng.
7:00	7:15	¼						Pumped survey down
7:15	12:00	4¾						Trip out

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
APR -2 1973
EDMONTON, ALBERTA

No. 7872

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ELDORADO KEELE S A-28

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

Date: MARCH 27 1972

Weather Condition: 40 Road Conditions: GOOD Nearest Town:

Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 1000 FEET Reason for Extra L. Plant: SPARE

OR: FERN DECALTA

Rig No.: 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6¼ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Blake

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	WSCO	C150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
9⅝	JAP	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	11½	6¼
Reaming bridges		1½	¼
Conditioning Mud & Circulating			
Trips		4½	3¼
Lubricate Rig	¼		¼
Deviation Survey		1½	
Test B.O.P.		¼	
~~Cut~~ Slip 49' Drilling Line		1½	
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		¼	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. 5

No. of Lines 8 Size 1¼8

Feet Slipped 1029

Feet Cut Off 980

Present Length

Ton Mi. or Trips Since Last Cut 100

Cumulative Ton Mi. or Trips 4382

No. of Days From Spud 47

Cumulative Rotating Hrs. 658 1/4

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
74	Stands D.P.		Ft.
1	Singles D.P.	6977.90	Ft.
2	D.C. 2¾ I.D. 7" O.D.	61.40	Ft.
18	D.C. 2¼ I.D. 6¼ O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub ~~X/O~~ O.D.	3.96	Ft.
1	Bit ~~or G.B.~~ Sub	4.00	Ft.
	Kelly Down	34.70	Ft.
	Total	7643	Ft.
Wt. of String		170,000	Lbs.
Pipe in Hole		323	Jts.
Pipe on Racks		134	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	SEC.
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	
Depth In	7343
Total Ftg.	300
Total Hr. Run	33¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	10⁰⁰	3³⁰	7⁰⁰
Weight	9.4	9.5	9.5
Visc.-Sec.	130	125	127
W.L.-C.C.	50	4.8	5.0
FL TR. CK.	Nil	Nil	Nil
PH	10.5	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. Jangan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7563	7643	80	D			85	45	1500	6"	50			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 Ser.
12¹⁵	4⁰⁰	3¾						Drill

STAND BY PUMP ON THE ROAD FOR 4 HRS.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
74	Stands D.P.		Ft.
2	Singles D.P.	7009.12	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub ~~X/O~~ O.D.	3.96	Ft.
1	Bit ~~or G.B.~~ Sub	4.00	Ft.
	Kelly Down	20.48	Ft.
	Total	7660.00	Ft.
Wt. of String		172,000	Lbs.
Pipe in Hole		224	Jts.
Pipe on Racks		133	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	7660
Depth In	7343
Total Ftg.	317
Total Hr. Run	33¾
Cond. of Bit	2,2,1
Reamer No.	
Reamer Type	

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

Trucker FALCON 4 Trucker ___ Trucker ___

MUD RECORD

Time	8:15	12:00	3:00
Weight	9.8		
Visc.-Sec.	128		
W.L.-C.C.	5.2		
FL TR. CK.	2/32		
PH	10.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KELZAN AL			
SPERSENE	150 #		
CAUSTIC	50 #		

Driller: C. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7643	7660	17	D			80-85	45	1400	6"	50	5½	-	S
								1200			5½	70	

Deviation Record: Depth 7650 | 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
8:00	8:15	¼						Drlg.
8:15	8:30	¼						Bob & motor shut offs + rig service.
8:30	9:00	½						Survey @ 7650
9:00	10:15	1¼						Drlg.
10:15	1:00	2¾						Trip out &
1:00	1:15	¼						Close & blind rams & change bits
1:15	1:45	½						Run collars in
1:45	2:15	½						Slip 49' of line
2:15	3:30	1¼						Run in
3:30	4:00	½						Pickup kelly + break circ + ream bridge @ 5525.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7660	7708	48	D			80	45	1500	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
4:00	4:15	¼						Circ. to clean out bridge @ 5525 (big s
4:15	5:00	¾						Run in 40' to bottom.
5:00	5:30	½						Drlg.
5:30	6:45	1¼						Changed shaker screens
6:45	7:00	¼						Drlg.
7:00	12⁰⁰	5						

MUD RECORD

Time	6:00	8:00	11⁰⁰
Weight	9.8	9.9	9.9
Visc.-Sec.	140	110	123
W.L.-C.C.	5.0	4.8	5.0
FL TR. CK.	2/32	Nil	Nil
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 lbs		
Kelzan AL	50 lbs		

Driller

DEPARTMENT OF MINES AND NATURAL RESOURCES ... OIL AND GAS CONSERVATION BRANCH ... RECEIVED ... APR 3 1972

No. 7871

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DELHATTA ET AL DOME A 28

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

Date: MARCH 26 1972

Weather Condition: O Road Conditions: GOOD Nearest Town:

Water - Source: LAKE Miles Hauled: 4 Pumped: ___ Camp Distance from Rig: 800 YDS Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DELALTA

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. FH O.D. 6¼

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. B. Blank

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NOCO	C150B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾	7	7
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey	½	¾	¾
Test B.O.P.		¼	
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. 5

No. of Lines 8 Size 1⅛

Feet Slipped 980

Feet Cut Off 980

Present Length

Ton Mi. or Trips Since Last Cut 425

Cumulative Ton Mi. or Trips 4188

No. of Days From Spud 46

Cumulative Rotating Hrs. 643

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
72	Stands D.P.	6760.29	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. 2¾ O.D.	61.49	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	22.31	Ft.
	Total	7423	Ft.

Wt. of String 170,000 Lbs.

Pipe in Hole 216 Jts.

Pipe on Racks 141 Jts.

Total Pipe on Lease 354 Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	7423
Depth In	7273
Total Ftg.	90
Total Hr. Run	10½
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	1:00	3:00	7:00
Weight	9.8	9.8	9.8
Visc.-Sec.	126	123	132
W.L.-C.C.	4.8	5.2	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200 lbs.		
Holgan-AL	200 lbs.		

Driller: A. Jones

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7370	7423	53	D			80	45	1500	6"	52			S

Deviation Record: Depth 7390 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	12:15	¼						Rig Ser.
12:15	1:45	2½						Drill
1:45	3:15	½						Replace Rotary Seal.
3:15	4:30	1¼						Drill
4:30	5:00	½						Survey 7390 4°
5:00	8:00	3						Drill

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
72	Stands D.P.	6760.29	Ft.
2	Singles D.P.	61.99	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	33.32	Ft.
	Total	7486.00	Ft.

Wt. of String 170,000 Lbs.

Pipe in Hole 218 Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	See
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	
Depth In	7343
Total Ftg.	143
Total Hr. Run	17½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker FALCON

Trucker ___

Trucker ___

MUD RECORD

Time	8:30	12:00	3:00
Weight	9.8	9.8	9.8
Visc.-Sec.	140	122	130
W.L.-C.C.	5.2	5.4	5.4
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	100#		
SPERSENE	50#		
Gel.	600#		

Driller: C. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7423	7486	63	D			80-85	45	1500	6"	52	5½		S
								1900			5½	70	

Deviation Record: Depth 7464 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	8:45	¾						Drlg.
8:45	9:00	¼						✓ BOPs, Kelly cock, mtrs. & rig service.
9:00	12:45	3¾						Drlg.
12:45	1:30	¾						Survey @ 7464
1:30	4:00	2½						Drlg.

C-150 on the hole for 1 hr.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
72	Stands D.P.		Ft.
2	Singles D.P.	6915.32	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
18	D.C. 6¼" I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	33.28	Ft.
	Total	7563	Ft.

Wt. of String 170,000 Lbs.

Pipe in Hole 221 Jts.

Pipe on Racks 136 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	See.
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	
Depth In	7343
Total Ftg.	220
Total Hr. Run	24½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	5:00	8:00	11:00
Weight	9.7	9.8	9.6
Visc.-Sec.	130	120	132
W.L.-C.C.	5.4	5.0	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 lbs.		

Driller ___

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7486	7563	77	D			80-85	45	1400	6"	50	5½	-	S

Deviation Record: Depth 7546 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	5:00	1						Drlg.
5:00	5:15	¼						R. J. service.
5:15	10:30	5¼						Drlg.
10:30	11:15	¾						Survey 7546 4°
11:15	12:00	¾						Drill

OIL WELL CONSERVATION DEPARTMENT ... DEC 1 1972 ... DEVELOPMENT BRANCH

No. 7870

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL ALDOME KERR A-23

Date: MARCH 25 19 72

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

Weather Condition: -10 Road Conditions: GOOD Nearest Town: ___

Water - Source: LAKE Miles Hauled: 4 Pumped: ___ Camp Distance from Rig: 100 YDS Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature] O. R. Blank

Rig No. 2 D 'KS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6¼ O.D. Type Tbd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150 B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	4¼	3¾
Reaming			¾
Conditioning Mud & Circulating			
Trips		2¾	2¾
Lubricate Rig	¼		¼
Deviation Survey		¾	
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
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.	5
No. of Lines / Size	8 / 1/8
Feet Slipped	980
Feet Cut Off	980
Present Length	
Ton Mi. or Trips Since Last Cut	445
Cumulative Ton Mi. or Trips	4188
No. of Days From Spud	45
Cumulative Rotating Hrs.	622 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
71	Stands D.P.		
2	Singles D.P.	6729.17	Ft.
2	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
16	D.C. 2¼ I.D. 6¼ O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit or ~~S.B.~~	4.00	Ft.
	Kelly Down	25.52	Ft.
	Total	7324	Ft.
Wt. of String		162,000	Lbs.
Pipe in Hole		215	Jts.
Pipe on Racks		142	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	18
Size	8¾
Mfg.	MURPHY
Type	SSIC
Nozzle No.	3
Nozzle Size	16
Ser. No.	265455
Depth Out	
Depth In	7215
Total Ftg.	109
Total Hr. Run	2¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	3:30	7:30
Weight	9.6	9.4	9.4
Visc.-Sec.	125	135	120
W.L.-C.C.	4.4	4.6	5.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 lbs		
Rekyn	350 lbs		

Driller: A. Jonsson

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
72	Stands D.P.	6760.29	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
16	D.C. I.D. O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~S.B.~~	4.00	Ft.
	Kelly Down	13.40	Ft.
	Total	7343.00	Ft.
Wt. of String		162,000	Lbs.
Pipe in Hole		216	Jts.
Pipe on Racks		141	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	18
Size	8¾
Mfg.	Murphy
Type	SSIC
Nozzle No.	3
Nozzle Size	16
Ser. No.	265455
Depth Out	7343
Depth In	7215
Total Ftg.	128
Total Hr. Run	2¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 10

Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.8	9.8	
Visc.-Sec.	120	145	
W.L.-C.C.	5.2	5.2	
FL TR. CK.	2/32	2/32	
PH	9.5	10.0	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1200 #		
CAUSTIC	100 #		
SPERCENE	50 #		

Driller: L. Blakley

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		Ft.
71	Stands D.P.		
2	Singles D.P.	6729.17	Ft.
2	D.C. I.D. O.D.	61.40	
18	D.C. I.D. O.D.	555.60	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~S.B.~~	4.00	Ft.
	Kelly Down	10.43	Ft.
	Total	7370	Ft.
Wt. of String		170,000	Lbs.
Pipe in Hole		215	Jts.
Pipe on Racks		142	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	19
Size	8¾
Mfg.	See
Type	M44N
Nozzle No.	3
Nozzle Size	16
Ser. No.	374758
Depth Out	
Depth In	7343
Total Ftg.	27
Total Hr. Run	3¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time		9:30	11:30
Weight		9.8	9.8
Visc.-Sec.		135	125
W.L.-C.C.		4.8	5.0
FL TR. CK.		2/32	2/32
PH		10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 lbs		

Driller: ___

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7288	7324	36	D			65	40	1500	6"	52			S

Deviation Record: Depth / Dev. / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
12:00	12:15	¼						RIG SER.
12:15	8:00	7¾						DRILL

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7324	7343	19	D			65	40	1500	6"	52	5½	-	S

Deviation Record: Depth 7340 / Dev. 3 7/8 / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
8:00	8:15	¼						✓ BOPs, motor kills, + rig service.
8:15	11:45	3½						Drlg.
11:45	12:30	¾						Survey @ 7340
12:30	1:15	¾						Drlg.
1:15	4:00	2¾						Trip out to change bits.

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7343	7370	27	D			75	45	1500	6"	52			S

Deviation Record: Depth / Dev. / Direction

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	
4:00	4:15	¼						Close blind rams + rig service.
4:15	5:00	¾						Run in Collars
5:00	5:30	½						Pick up two collars & loosen main pump bolts
5:30	7:30	2						Run in
7:30	8:15	¾						Clean to bottom 35'
8:15	12	3¾						DRILL

APPROVED UNDER THE PROVISIONS OF THE OIL AND GAS CONSERVATION ACT AND REGULATIONS THEREUNDER

No. 7869

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA-EL AL DOME KEEWIS A-28

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

Date: MARCH 24 19 72

Weather Condition: SNOW O | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: 1/4 | Pumped | Camp Distance from Rig: 100 FOOTS | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.P. Lelark

Rig No. 2 | DWKS 7H1 | Drill Pipe String: No. 5, Size 4½ | Tool Joint 6 1/4 O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150-B	12
3.	-		

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	SAP	36-J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2½	7¼	7¼
Reaming	3/4		
Conditioning Mud & Circulating			
Trips	2		
Lubricate Rig	¼		¼
Deviation Survey			½
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
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.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	980
Feet Cut Off	980
Present Length	
Ton Mi. or Trips Since Last Cut	259
Cumulative Ton Mi. or Trips	4052
No. of Days From Spud	24
Cumulative Rotating Hrs.	66 1/2

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
70	Stands D.P.		Ft.
2	Singles D.P.	6635.56	Ft.
2	D.C. 2¼ I.D. 7" O.D.	61.40	Ft.
16	D.C. 2¼ I.D. 6¼ O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit 5 7/8 C.R.	4.00	Ft.
	Kelly Down	7225	Ft.
	Total	20.13	Ft.
Wt. of String		160,000	Lbs.
Pipe in Hole		212	Jts.
Pipe on Racks		145	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	18
Size	8 3/4
Mfg.	MURPHY
Type	SS1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	265455
Depth Out	
Depth In	7215
Total Ftg.	10
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		5:30	7:30
Weight		9.9	9.8
Visc.-Sec.		165	130
W.L.-C.C.		6.0	6.2
FL TR. CK.		2/32	2/32
PH		9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. Jones

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7215	7225	10				60	20	1500	6"	58			S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SER.
12:15	2:15	2						RUN IN
2:15	5:30	3¼						CLEAN 120 ft to Bottom.
5:30	8:00	2½						DRILL

STANDBY PUMP ON THE HOLE FOR 1HR.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
71	Stands D.P.	6666.89	Ft.
	Singles D.P.		Ft.
2	D.C. 2¾ I.D. 7 O.D.	61.40	Ft.
16	D.C. 2¼ I.D. 6¼ O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit 5 7/8 C.R.	4.00	Ft.
	Kelly Down	21.10	Ft.
	Total	7257.00	Ft.
Wt. of String		162,000	Lbs.
Pipe in Hole		213	Jts.
Pipe on Racks		144	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	18
Size	8 3/4
Mfg.	Murphy
Type	SS1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	265455
Depth Out	
Depth In	7215
Total Ftg.	42
Total Hr. Run	9 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 8 — O.T. Hrs.

Trucker FALCON Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:20	3:00
Weight	9.8	9.8	9.8
Visc.-Sec.	130	150	165
W.L.-C.C.	6.2	6.0	5.6
FL TR. CK.	2/32	2/32	
PH	9.0	9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Kelzan XL	350 #		
Caustic	100 #		
Spercene	50 #		

Driller: L. Blabby

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7225	7241	16	D			60	20	1500	6"	58	5½	-	S
7241	7257	16	D			60	30	1500	6"	52			
		32											

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	¼						Rig service & V Belts
9:15	1:15	5						Drlg.
1:15	1:45	½						Change saver subs + set up on mindrum clutch.
1:45	4:00	2 ¼						Drlg.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
71	Stands D.P.		Ft.
5	Singles D.P.	6698.09	Ft.
2	D.C. 2¾ I.D. 7 O.D.	61.40	Ft.
16	D.C. 2¼ I.D. 6¼ O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit 5 7/8 C.R.	4.00	Ft.
	Kelly Down	20.60	Ft.
	Total	7288	Ft.
Wt. of String		162,000	Lbs.
Pipe in Hole		214	Jts.
Pipe on Racks		143	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	18
Size	8 3/4
Mfg.	Murphy
Type	SS1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	265455
Depth Out	
Depth In	7215
Total Ftg.	73
Total Hr. Run	17
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	5:00	8:00	11:00
Weight	9.8	9.8	9.8
Visc.-Sec.	128	130	120
W.L.-C.C.	5.2	4.8	5.0
FL TR. CK.	2/32	2/32	2/32
PH	9.0	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KELZAN XL	350 lbs		
CAUSTIC	200 lbs		
SPERCENE	100 lbs		

Driller ____

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7257	7265	8	D			60	30	1500	6"	52	5½	-	S
7265	7278	13	D			65	30	1500	6"	52	5½	-	S
7278	7288	10	D			65	40	1500	6"	52			S

Deviation Record | Depth 7268 | 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
4:00	4:15	¼						Rig service.
4:15	8:45	4½						Drlg.
8:45	9:15	½						SURVEY 7268 4°
9:15	12:00	2¾						DRILL

DEPARTMENT OF MINES AND TECHNICAL SURVEYS ... MINES BRANCH ... EDMONTON, ALBERTA ... RECEIVED ... APR 3 1972 ... KETCHIKAN, B.C.

No. 7868

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA FT. DOME KERLES 4-28

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

Date MARCH 23 1972

Weather Condition CLEAR+30 Road Conditions GOOD Nearest Town

Water - Source LAKE Miles Hauled 4 Pumped ___ Camp Distance from Rig 1000' Reason for Extra L. Plant SPARE.

OPERATOR: WESTERN DECALTA

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint 6¼ O.D. Type Thd. IF H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Leland

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAD	36-J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¾	
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey	½		
Test B.O.P.		¼	
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.	
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	43
Cumulative Rotating Hrs.	589½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
70	Stands D.P.	65 73-24 Ft.
	Singles D.P.	Ft.
2	D.C. 2¾ 7" I.D. O.D.	61.40 Ft.
14	D.C. 2¼ 6¼ I.D. O.D.	494.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit ~~Stb.~~ B.	4.60 Ft.
	Kelly Down	33.45 Ft.
	Total	7176 Ft.

Wt. of String 160,000 Lbs.

Pipe in Hole 210 Jts.

Pipe on Racks 147 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	17
Size	8¾
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	37207
Depth Out	
Depth In	7046
Total Ftg.	130
Total Hr. Run	23½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	3:30	7:20
Weight	9.9	9.6	9.6
Visc.-Sec.	100	120	120
W.L.-C.C.	5.8	6.0	6.2
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
KOL	600 lbs		

Driller D. Zaryski

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7136	7176	40	D			80	20	1500	6"	50			S

Deviation Record: Depth 7140 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	12:15	¼						RIG SER.
12:15	2:00	1¾						DRILL
2:00	2:30	½						SURVEY 7140 - 4°
2:30	8:00	5½						DRILL
								STANDBY PUMP ON THE HOLE FOR 2 HRS.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
70	Stands D.P.	Ft.
1	Singles D.P.	6604.43 Ft.
2	D.C. 2¾ 7" I.D. O.D.	61.40 Ft.
16	D.C. 2¼ 6¼" I.D. O.D.	494.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit ~~Stb.~~ B.	4.00 Ft.
	Kelly Down	38.56 Ft.
	Total	7212.00 Ft.

Wt. of String 160,000 Lbs.

Pipe in Hole 211 Jts.

Pipe on Racks 146 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	17
Size	8¾
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	37207
Depth Out	
Depth In	7046
Total Ftg.	166
Total Hr. Run	31¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 8 — O.T. Hrs.

Trucker FALCON

MUD RECORD

Time	9:30	12:00	3:00
Weight	9.8	9.8	9.8
Visc.-Sec.	121	100	108
W.L.-C.C.	6.0	6.2	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.0	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1400 #		

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7176	7212	36	D			80	20	1500	6"	50	5½	—	S

Deviation Record: Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1¼						Drlg.
9:15	9:30	¼						✓ BOPs; motor shutoffs + rig service.
9:30	4:00	6½						Drlg.
								130 lbs. table torque.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
70	Stands D.P.	[illegible] Ft.
2	Singles D.P.	6604.43 Ft.
2	D.C. 2¾ 7" I.D. O.D.	61.40 Ft.
16	D.C. 2¼ 6¼" I.D. O.D.	494.21 Ft.
5	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub ~~4½ O.D.~~	3.96 Ft.
1	Bit ~~Stb.~~ B.	4.00 Ft.
	Kelly Down	41.56 Ft.
	Total	7215.00 Ft.

Wt. of String 160,000 Lbs.

Pipe in Hole 211 Jts.

Pipe on Racks 146 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	17
Size	8¾
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	37207
Depth Out	7215
Depth In	7046
Total Ftg.	169
Total Hr. Run	31¾
Cond. of Bit	4-1-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	4:30	8:00	
Weight	9.8		
Visc.-Sec.	145		
W.L.-C.C.	6.2		
FL TR. CK.	2/32		
PH	9.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	700 #		

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
7212	7215	3	D			80	20	1500	6"	50	5½	—	S

Deviation Record: Depth 7215 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	4:30	½						Drlg.
4:30	5:00	½						Circ + work tight pipe prior to survey
5:00	5:30	½						Survey @ 7215'
5:30	6:30	1						Pull 5 stds.
6:30	6:45	¼						Pick up kelley + pump 1 single out @ 6705
6:45	7:15	½						Pull out 3 stds.
7:15	7:45	½						Clean bridge @ 6424 + lay 1 single down
7:45	12:00	2¼						Pull out.

OPERATIONS ENGINEER
T.W.P. - 2 1972

No. 7867

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease
Well Name DECALTA ET AL DOME BELLE S A-28

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

Date MARCH 22 1972

Weather Condition CLEAR CALM Road Conditions SOFT SNOW Nearest Town NORMAN WELLS Water - Source LAKE Miles Hauled 4 Pumped ____ Camp Distance from Rig 150 YD. Reason for Extra L. Plant

OPERATOR
WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER
D. A. Clark

Rig No. 2 DWKS IDECO 7-11

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.	IDECO	m600	16
2.	NAT	C150 B	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP	36 J-55	32	1027	13.20	1020.	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1 1/2	7 3/4	7
Reaming	3		
Conditioning Mud & Circulating			
Trips	3		
Lubricate Rig	1/4		1/4
Deviation Survey			3/4
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	1/4		
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.	5
No. of Lines	8 Size 1 1/2
Feet Slipped	980
Feet Cut Off	980
Present Length	
Ton Mi. or Trips Since Last Cut	80
Cumulative Ton Mi. or Trips	3823
No. of Days From Spud	42
Cumulative Rotating Hrs.	574

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
68	Stands D.P.	6448.09 Ft.	Bit No.	17
2	Singles D.P.	Ft.	Size	8 3/4
2	D.C. 2 3/4 I.D. 7 O.D.	61.40 Ft.	Mfg.	H.W.
16	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21 Ft.	Type	X16
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	37207
1	Subs X O O.D.	3.96 Ft.	Depth Out	
1	Bit or SUB O.D.	4.00 Ft.	Depth In	7046
	Kelly Down	38.90 Ft.	Total Ftg.	10
	Total	7056.00 Ft.	Total Hr. Run	1 1/2
Wt. of String	160,000 Lbs.		Cond. of Bit	
Pipe in Hole	206 Jts.		Reamer No.	
Pipe on Racks	Jts.		Reamer Type	
Total Pipe on Lease	Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
69	Stands D.P.	Ft.	Bit No.	17
1	Singles D.P.	6510.59 Ft.	Size	8 3/4
2	D.C. 2 1/4 I.D. 6 1/4 O.D.	61.40 Ft.	Mfg.	H.W.
14	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21 Ft.	Type	X16
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	37207
1	Subs X O O.D.	3.96 Ft.	Depth Out	
1	Bit or SUB O.D.	4.00 Ft.	Depth In	7046
	Kelly Down	25.36 Ft.	Total Ftg.	51
	Total	7097.00 Ft.	Total Hr. Run	9 1/4
Wt. of String	160,000 Lbs.		Cond. of Bit	in
Pipe in Hole	208 Jts.		Reamer No.	
Pipe on Racks	149 Jts.		Reamer Type	
Total Pipe on Lease	357 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker FALCON	10
			Trucker	
			Trucker	

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
69	Stands D.P.	Ft.	Bit No.	17
2	Singles D.P.	6541.85 Ft.	Size	8 3/4
2	D.C. 7" I.D. O.D.	61.40 Ft.	Mfg.	H.W.
16	D.C. I.D. O.D.	494.21 Ft.	Type	X16
1	Stb. Body O.D.	5.44 Ft.	Nozzle No.	3
	Stb. Body O.D.	Ft.	Nozzle Size	16
	Rmr. Body O.D.	Ft.	Ser. No.	37207
1	Subs X O O.D.	3.96 Ft.	Depth Out	
1	Bit SUB O.D.	4.00 Ft.	Depth In	7046
	Kelly Down	25.14 Ft.	Total Ftg.	90
	Total	7636.00 Ft.	Total Hr. Run	16 1/4
Wt. of String	162,000 Lbs.		Cond. of Bit	in
Pipe in Hole	209 Jts.		Reamer No.	
Pipe on Racks	148 Jts.		Reamer Type	
Total Pipe on Lease	357 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
			Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time	2.00	6.00	7.30
Weight	9.8	9.8	9.8
Visc.-Sec.	307	210	183
W.L.-C.C.	2/32	6	6.6
FL TR. CK.	6.2	2/32	2/32
PH	9	9	9
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	50		$65
Caustic	50		$05

Driller

MUD RECORD

Time	9.00	11.30	3.00
Weight	9.8	9.8	9.8
Visc.-Sec.	150	130	120
W.L.-C.C.	6.2	6.6	6.6
FL TR. CK.	2/32	2/32	2/32
PH	9.	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200 lbs		
Caustic	50 lbs		
Spersene	50 lbs		

Driller R. Jones

MUD RECORD

Time	4.30	8.00	11.00
Weight	9.9	9.8	9.8
Visc.-Sec.	135	140	145
W.L.-C.C.	6.8	6.2	
FL TR. CK.	2/32	2/32	
PH	9.0	9.0	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
SPERSENE			$60
CAUSTIC			

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7046	7056	10	D			70	25	1500	6	50	5½		

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	7026	3 1/2							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4						SERVICE RIG
12.15	3.00	2 3/4						RUN IN
3.00	3.15	1/4						BREAK CIRC
3.15	3.30	1/4						RUN IN
3.30	6.30	3						REAM TIGHT HOLE FROM 6925-7046
6.30	8.00	1 1/2						DRILL

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7056	7097	41	D			70	30	1500	6"	50			5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	1/4						RIG SER - BOPS, MOTOR SHUT OFFS & KELLY COCK.
8.15	4.00	7 3/4						DRILL

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7097	7121	24	D			80	30	1500	6"	50	5½	—	5
7121	7136	15	D			84	20	1500	6"	50			5
		39											

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	7080	4°							

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						Drlg.
5.30	5.45	1/4						Rig service.
5.45	8.15	2 1/2						Drlg.
8.15	9.00	3/4						Survey @ 7080
9.00	12.00	3						Drlg. W/20,000 on the bit.

APR - 3 1972
DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND GAS DIVISION
NORTHERN ENGINEERING SERVICE

140 lbs. table torque.

No. 7866

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME BELLE 5 A-28

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

Date: MAR. 21 1972

Weather Condition: SCATERD CLOUD +18° Road Conditions: SOFT SNOW Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 100 YD Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA PET.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R Leslark

Rig No. 2 DWKS IDECO 24

Drill Pipe String: No. 2 Size 4 1/2 Type Thd. FH

Tool Joint 5 3/4 O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	T M 600	16
2.	NAT	C 150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 . J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

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

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	980
Feet Cut Off	980
Present Length	
Ton Mi. or Trips Since Last Cut	80
Cumulative Ton Mi. or Trips	3823
No. of Days From Spud	41
Cumulative Rotating Hrs.	557 3/4

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — MAR 27 1972 — YELLOWKNIFE, N.W.T.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
68	Stands D.P.		Ft.
2	Singles D.P.	6448.09	Ft.
2	D.C. 2 3/4 I.D. 7 O.D.	61.40	Ft.
16	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X O O.D.	3.96	Ft.
1	Bit or SUB O.D.	4.00	Ft.
	Kelly Down	22.90	Ft.
	Total	7040.00	Ft.

Wt. of String 164,000 Lbs.

Pipe in Hole 206 Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM 5
Nozzle No.	3
Nozzle Size	15
Ser. No.	
Depth Out	
Depth In	7010
Total Ftg.	30
Total Hr. Run	9 1/2
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	2:00	4:00	6:00
Weight	9.8	9.8	9.8
Visc.-Sec.	155	135	127
W.L.-C.C.	6.4	7	6.6
FL TR. CK.	2/32	2/32	2/32
PH	10	10	10
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
7015	7040	25	D			60	30	1500	6	50	5 1/2		

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						SERVICE RIG
12.15	1.00	3/4						DRILL
1.00	3.00	2						CHECK MOTOR & COMPOUND CLUTCHES
3.00	7.45	4 3/4						DRILL
7.45	8.00	1/4						RUN SURVEY

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
68	Stands D.P.		Ft.
2	Singles D.P.	6448.09	Ft.
2	D.C. 2 3/4 I.D. 7 O.D.	61.48	Ft.
16	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X O O.D.	3.96	Ft.
1	Bit or SUB O.D.	4.00	Ft.
	Kelly Down	27.60	Ft.
	Total	7046.	Ft.

Wt. of String 164,000 Lbs.

Pipe in Hole 206 Jts.

Pipe on Racks 151 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM 5
Nozzle No.	3
Nozzle Size	15
Ser. No.	
Depth Out	7046
Depth In	7010
Total Ftg.	36
Total Hr. Run	14 1/4
Cond. of Bit	1-2-1
Reamer No.	SMITH CONE 2 CONES
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON Trucker ____ Trucker ____

MUD RECORD

Time	9 AM	11 AM
Weight	9.7	98
Visc.-Sec.	125	150
W.L.-C.C.	6.0	5.8
FL TR. CK.	2/32	2/32
PH	10.	10.
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A. Jackson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7040	7046	6	D.			60	30	1500	6	50			5

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						RIGGER, ROBS, & KELLY COCK, MOTOR STARTED
8:15	1:00	4 3/4						DRILL
1:00	4:00							PULL OUT 2 STDS & PUMP OUT 10 SINGLES.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
68	Stands D.P.		Ft.
2	Singles D.P.	6448.09	Ft.
2	D.C. 2 3/4 I.D. 7 O.D.	61.40	Ft.
16	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X O O.D.	3.96	Ft.
1	Bit or SUB O.D.	4.00	Ft.
	Kelly Down	28.90	Ft.
	Total	7046.00	Ft.

Wt. of String 164,000 Lbs.

Pipe in Hole 206 Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:15	1/4						RIG SER.
4:15	8:00	3 3/4						PULL OUT.
8:45	10:00	1 1/4						SLIP & CUT DRILLING LINE
10:00	12:00	2						TIGHTEN NUTS ON BRAKE PAD BOLTS & ADJUST BRAKES

No. 7865

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ET AL DOME KEELE S. A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: MARCH 20 1972

Weather: CLEAR CALM Road Condition: +10° Conditions: GOOD
Nearest Town: NORMAN WELLS
Water - Source: RIVER Miles Hauled: 4 Pumped: ____ Camp Distance from Rig: ____ Reason for Extra L. Plant: ____

OPERATOR: WESTERN DECALTA PET.
SIGNATURE OF OPERATOR'S REPRESENTATIVE:
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Slack

Rig No. 2 DWKS IDECO 7-11
Drill Pipe String: No. 5, Size 4 1/2
Tool Joint 5 3/4 O.D. Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	mm600	16
2.	NSCO	C150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J.55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			4
Reaming	7 3/4	7 3/4	3 3/4
Conditioning Mud & Circulating			
Trips			1
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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. T/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 886
Feet Cut Off 886
Present Length
Ton Mi. or Trips Since Last Cut 245
Cumulative Ton Mi. or Trips 3663
No. of Days From Spud 40
Cumulative Rotating Hrs. 547 1/2

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.	4795.10	Ft.
	Singles D.P.		Ft.
2	D.C. 2 3/4 I.D. 7 O.D.	61.40	Ft.
16	D.C. I.D. O.D.	494.21	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	5.44	Ft.
	Rmr. Body O.D.		Ft.
1	Subs 7 0 O.D.	3.96	Ft.
1	Bit ~~5 7/8~~ SUB	4.00	Ft.
	Kelly Down	15.89	Ft.
	Total	5380.00	Ft.

Wt. of String 144,000 Lbs.
Pipe in Hole 153 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	8:00	5:00	7.30
Weight	9.7	9.7	9.8
Visc.-Sec.	155	163	167
W.L.-C.C.	6.4	6.8	7
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Starfon	11900	RG	

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
5330	5380	50	R.			90	2-4	1500	6	54	5 1/2		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	12.15	1/4						SERVICE R.C.
12.15	8.00	7 3/4						CLEAN OUT FROM 5330 - 5380.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.		Ft.
2	Singles D.P.	4857.68	Ft.
2	D.C. 2 1/4 I.D. 7 O.D.	61.40	Ft.
16	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
1	Bit ~~5 7/8~~ SUB	4.00	Ft.
	Kelly Down	41.21	Ft.
	Total	5468	Ft.

Wt. of String 144,000 Lbs.
Pipe in Hole 155 Jts.
Pipe on Racks 202 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
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 FALCON ____ Trucker ____ Trucker ____

MUD RECORD

Time	9:00	11:30	3:00
Weight	9.8	9.9	9.9
Visc.-Sec.	240	250	252
W.L.-C.C.	6 2	5.8	6.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 lbs		
CMC	50 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5382	5468	88	R.			70	2-10	1500	6	54			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	1/4						RIG SER. - BOP
8 15	4 30	7 3/4						CLEAN OUT 5380 TO 5468

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
68	Stands D.P.	6416.97	Ft.
2	Singles D.P.		Ft.
2	D.C. 2 3/4 I.D. 7 O.D.	61.40	Ft.
	D.C. 2 1/4 I.D. 6 1/4 O.D.	494.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 7 0 O.D.	3.96	Ft.
1	Bit ~~5 7/8~~ SUB	4.00	Ft.
	Kelly Down	22.02	Ft.
	Total	7015.00	Ft.

Wt. of String 164,000 Lbs.
Pipe in Hole 205 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
Ser. No.	
Depth Out	
Depth In	7010
Total Ftg.	5
Total Hr. Run	4
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time		7:00	11:00
Weight		9.8	9.8
Visc.-Sec.		265	195
W.L.-C.C.		5.4	6
FL TR. CK.		2/32	2/32
PH		9.5	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	100	LBS	
Caustic	50	LBS	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5468	5500	32	R.			70	2-10	1500	6	54			5
6946	7010	64	R			70	2-10	1500	6	54	5 1/2		
7010	7015	5	D			40	22	1500	6	47	5 1/2		

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	4 15	1/4						RIG SER.
4 15	4 30	1/4						REAM 5468 TO 5500
4 30	5 00	1/2						RUN 7 STDS.
5 00	5 30	1/2						REAM & CIRC 1 SINGLE
5 30	6 00	1/2						RUN
6 00	8.00	2						CLEAN TO BOTTOM. 64 ft.
8.00	12.00	4						DRILLING

STAND BY PUMP ON THE ROAD 2 1/2 HRS.

No. 7864

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME-KELLS A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: MARCH 19, 19 72

Weather Condition: OVERCAST +10° | Road Conditions: GOOD | Nearest Town: NORMAN WELLS | Water - Source: LAKE | Miles Hauled: 4 | Pumped: | Camp Distance from Rig: 300 FT | Reason for Extra L. Plant:

OPERATOR: WESTERN DECALTA PET.

Rig No. 2 DWKS IDECO 7-11 | Drill Pipe String No. 3 Size 4½ | Tool Joint 5 3/4 O.D. | Type Tbd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Leblanc

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	mm 600	16
2.	NAT.	C150-B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	3¼	7¾	7¾
Conditioning Mud & Circulating			
Trips	3¾		
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	3¼		
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	886
Feet Cut Off	886
Present Length	
Ton Mi. or Trips Since Last Cut	245
Cumulative Ton Mi. or Trips	3663
No. of Days From Spud	39
Cumulative Rotating Hrs.	543 1/2

MAR 27 1972 — CONSERVATION ENGINEER — YELLOWKNIFE, N.W.T.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2¾ I.D. 7 O.D.	61.40	Ft.
16	D.C. 2¼ I.D. 6¼ O.D.	494.21	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	5.44	Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit ~~Sub~~ O.D.	4.00	Ft.
	Kelly Down		Ft.
	Total		Ft.

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

BIT RECORD

Bit No.	16
Size	8 3/4
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
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	7.00
Weight	9.4
Visc.-Sec.	125
W.L.-C.C.	7.2
FL TR. CK.	2/32
PH	10.0
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4770	4938	168	R										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼						SERVICE RIG
12.15	1.00	¾						INSPECT DRILL COLLARS
1.00	3.00	2						PICK UP 4 DRILL COLLARS & RUN COLLARS IN.
3.00	4.45	1 ¾						RUN IN TO 4770
4.45	8.00	3 ¼						CLEAN OUT FROM 4770 - 4938

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
16	D.C. 6¼ I.D. O.D.	494.21	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	5.44	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
1	Bit or ~~C.B.~~	4.00	Ft.
	Kelly Down		Ft.
	Total		Ft.

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

BIT RECORD

Bit No.	16
Size	8¾
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
Ser. No.	
Depth Out	
Depth In	7010
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker: FALCON — 6
Trucker: ___
Trucker: ___

MUD RECORD

Time	8.00		3:00
Weight	9.5		9.5
Visc.-Sec.	140		130
W.L.-C.C.	5.6		5.5
FL TR. CK.	2/32		2/32
PH	9.5		9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Helgon	25 lbs		
CMC	50 lbs		

Driller: A. Jones

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4938	5219	281											

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. CREPS, MOTOR SHUTOFFS, TKE II CHK
8.15	4.00	7¾						CLEAN BRIDGE 4935 TO 5219

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
16	D.C. 6¼ I.D. O.D.	494.21	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.	16
Size	8¾
Mfg.	MURPHY
Type	SCM5
Nozzle No.	3
Nozzle Size	15
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	5.00	8.00	12.00
Weight	9.5	9.5	9.5
Visc.-Sec.	135	125	155
W.L.-C.C.	5.6	5.4	6
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100 lbs		
Spersene	50 lbs		
Kelzan	25 lbs		
Gel	1000 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5219	5330	121	R										

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						RIG SER.
4.15	12.00	7¾						CLEAN OUT. FROM 5219 - 5330

No. 7863

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome Keele S A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: March 18, 1972

Weather Condition: Clear
Road Conditions: good
Nearest Town: Norman Wells
Water - Source: Lake Miles Hauled: 4 Pumped:
Camp Distance from Rig: 150 yds
Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11
Drill Pipe String: No. 2 Size 4½
Tool Joint: 5 3/4 O.D. Type Tbd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.J. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8		J-55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¼	1¼
Reaming			
Conditioning Mud & Circulating			
Trips			2¾
Lubricate Rig	¼	¼	¼
Deviation Survey	½	½	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			3½
Fishing			

COMPLETION WORK

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. 5
No. of Lines 8 Size 1 1/16
Feet Slipped 886
Feet Cut Off 886
Present Length
Ton Mi. or Trips Since Last Cut 73
Cumulative Ton Mi. or Trips 3491
No. of Days From Spud 38
Cumulative Rotating Hrs. 543 1/2

MAR 27 1972

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
68	Stands D.P.	6385.68	Ft.
1	Singles D.P.	31.29	Ft.
	D.C. 7"		
2	I.D. O.D.	61.40	Ft.
	D.C. 6¼		
14	I.D. O.D.	431.21	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	5.44	Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~O.D.~~	3.96	Ft.
1	Bit ~~or C.B.~~ S.O.S.	4.00	Ft.
	Kelly Down	30.02	Ft.
	Total	6953.00	Ft.
	Wt. of String	158,000	Lbs.
	Pipe in Hole	205	Jts.
	Pipe on Racks	152	Jts.
	Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	15		
Size	8 3/4		
Mfg.	Sec		
Type	M44		
Nozzle No.	3		
Nozzle Size	15		
Ser. No.	371908		
Depth Out			
Depth In	6610		
Total Ftg.	343		
Total Hr. Run	40¼		
Cond. of Bit	1 1		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	1.00	5.00	7.00
Weight	9.4	9.4	9.4
Visc.-Sec.	95	93	90
W.L.-C.C.	7.6	7.4	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.0	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	1500 lbs		
C.M.C.	50 lbs		

Driller: R. Hutchinson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6891	6953	62	D			80	35	1320	6"	52	5½	—	S

Deviation Record: Depth 6871 Dev. 3° 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 8¾ hole
1.00	1.15	¼						Rig Service
1.15	1.45	½						Survey @ 6871
1.45	8.00	6¼						Drilling 8¾ hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
69	Stands D.P.	6479.29	Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~O.D.~~	3.96	Ft.
1	Bit ~~or C.B.~~ S.O.S.	4.00	Ft.
	Kelly Down	17.70	Ft.
	Total	7003.00	Ft.
	Wt. of String	158,000	Lbs.
	Pipe in Hole	207	Jts.
	Pipe on Racks	150	Jts.
	Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	15		
Size	8 3/4		
Mfg.	SEC.		
Type	M44		
Nozzle No.	3		
Nozzle Size	15		
Ser. No.	371908		
Depth Out			
Depth In	6610		
Total Ftg.	393		
Total Hr. Run	47½		
Cond. of Bit	IN		
Reamer No.			
Reamer Type			

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

MUD RECORD

Time	9.00	11.00	3.00
Weight	9.4	9.4	9.5
Visc.-Sec.	43	45	44
W.L.-C.C.	7.0	7.2	7.0
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10.0	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 lbs		

Driller: A. Jonasson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6953	6963	10	D			80	35	1350	6"	52			S
6963	6973	10	D			80	35	1100			5½	70	S
6973	7003	30	D			80	35	1350	6"	52			S

Deviation Record: Depth 6956 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	¼						Rig SER. + BOP's, MOTOR CHAIN OPEN + KELLY COCK
8.15	2.30	5¼						DRILL
1.30	2.00	½						SURVEY 6956 3¾
2.00	4.00	2						DRILL 6956 - 7003 20,000
								CHANGE OIL + FILTER IN FIGS MOTORS + STAND PUMP
								STANDBY PUMP ON THE HOLE 1 HR

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7003	7010	7	D			80	20	1350	6"	52	5½		S

Deviation Record: Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						Rig SER.
4.15	5.30	1¼						DRILL
5.30	5.45	¼						SURVEY (MIS RUN)
5.45	8.30	2¾						PULL OUT.
8.30	12.00	3½						Check D.C. on Way Out

No. 7862

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome Keele 5-A-28 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: March 17, 19__

Weather Condition: Light Snow | Road Conditions: good | Nearest Town: Normoa Wells | Water - Source: Lake | Miles Hauled: 4 | Pumped: ___ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11 | Drill Pipe String No. 3 Size 4½ | Tool Joint 5 3/4 O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	7 1/4	7 3/4
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4	1/4	1/4
Deviation Survey	1/2	Sr	
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.	5
No. of Lines	8 Size 1/8
Feet Slipped	886
Feet Cut Off	886
Present Length	
Ton Mi. or Trips Since Last Cut	73
Cumulative Ton Mi. or Trips	3491
No. of Days From Spud	37
Cumulative Rotating Hrs.	527 3/4

DEPARTMENT OF MINES AND RESOURCES
CONSERVATION BRANCH
MAR 27 1972
CALGARY, ALBERTA

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
66	Stands D.P.	6198.49 Ft.
1	Singles D.P.	30.90 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.20 Ft.
	Stb. Body O.D.	Ft.
1	Stb. Body O.D.	5.44 Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~or C.B.~~	4.00 Ft.
	Kelly Down	35.60 Ft.
	Total	6771.00 Ft.
	Wt. of String	156,000 Lbs.
	Pipe in Hole	199 Jts.
	Pipe on Racks	158 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	15
Size	8 3/4
Mfg.	Sec.
Type	M44
Nozzle No.	3
Nozzle Size	15
Ser. No.	371908
Depth Out	
Depth In	6610
Total Ftg.	161
Total Hr. Run	18
Cond. of Bit	1h
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.4	9.4	9.4
Visc.-Sec.	80	92	90
W.L.-C.C.	6.6	7.0	7.4
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 lbs		
Ben-ex	4 lbs.		

Driller R Kirkland

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6715	6771	56	D			80	35	1350	6"	52	5½	—	5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6715	3°							

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	4:15	4						Drlg 8 3/4 hole
4:15	4:45	1/2						Survey @ 6715
4:45	8:00	3 1/4						Drlg 8 3/4 hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
67	Stands D.P.	6291.79 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.20 Ft.
	Stb. Body O.D.	Ft.
1	Stb. Body O.D.	5.44 Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~or C.B.~~	4.00 Ft.
	Kelly Down	29.20 Ft.
	Total	6827.00 Ft.
	Wt. of String	154,000 Lbs.
	Pipe in Hole	201 Jts.
	Pipe on Racks	156 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	15
Size	8 3/4
Mfg.	M44
Type	SEC.
Nozzle No.	3
Nozzle Size	15
Ser. No.	371908
Depth Out	
Depth In	6610
Total Ftg.	217
Total Hr. Run	25 1/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker FALCON 21
Trucker ___
Trucker ___

MUD RECORD

Time	9:00	11:30	3:00
Weight	9.4	9.3	9.3
Visc.-Sec.	75	80	83
W.L.-C.C.	7.4	7.6	7.6
FL TR. CK.	2/32	2/32	2/32
PH	9.0	8.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	4000 lbs		
Caustic	100 lbs		
Benex	10 lbs		
CMC	50 lbs		

Driller A. Jansen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6771	6827	56	D			80	35	1350	6"	52	5½	—	5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6800	3°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:30	8:15	1/4						RIG SER - BOP'S, MOTOR SHUT OFF'S & KELLY COCK
8:15	1:15	5						DRILL
1:15	1:45	1/2						SURVEY 6800 3°
1:45	4:00	2 1/4						DRILL

CHANGE OIL & FILTER ON LIGHT PLANT.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
67	Stands D.P.	6291.79 Ft.
2	Singles D.P.	62.58 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.20 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~or C.B.~~	4.00 Ft.
	Kelly Down	30.52 Ft.
	Total	6891.00 Ft.
	Wt. of String	158,000 Lbs.
	Pipe in Hole	203 Jts.
	Pipe on Racks	154 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	15
Size	8 3/4
Mfg.	SEC
Type	M44
Nozzle No.	3
Nozzle Size	15
Ser. No.	371908
Depth Out	
Depth In	6610
Total Ftg.	281
Total Hr. Run	33
Cond. of Bit	1h
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	7:30	11:00
Weight	9.3	9.3	9.4
Visc.-Sec.	80	85	83
W.L.-C.C.	7.9	7.4	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 lbs		
Benex	2 lbs		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
~~4:00~~	~~4:15~~												
6827	6891	64	D			80	35	1350	6"	52	5½	—	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig SER.
4:15	12:00	7 3/4						DRILL 8 3/4 hole

No. 7861

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome Keele 5-A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: March 16 19 72

Weather Condition: SNOW 0°
Road Conditions: Good
Nearest Town: Norman Wells
Water - Source: Lake; Miles Hauled: 4; Pumped: ____
Camp Distance from Rig: 150 yds; Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2; DWKS 7-11

Drill Pipe String: No. 2, Size 4½
Tool Joint: 5 3/4 O.D.; Type Tbd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nsco	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		5-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3½	3½	7¼
Reaming		2¼	
Conditioning Mud & Circulating			
Trips	3½	1½	
Lubricate Rig	¼	¼	¼
Deviation Survey			½
Test B.O.P.	¼		
Cut Off Drilling Line	½	½	
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. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 886
Feet Cut Off 886
Present Length
Ton Mi. or Trips Since Last Cut 73
Cumulative Ton Mi. or Trips 3491
No. of Days From Spud 36
Cumulative Rotating Hrs. 505½

DEPARTMENT OF ENERGY MINES AND RESOURCES
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
64	Stands D.P.	6001.23	Ft.
2	Singles D.P.	62.50	Ft.
	D.C. 7"		
2	I.D. O.D.	61.40	Ft.
	D.C. 6¼		
14	I.D. O.D.	431.21	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	5.44	Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	30.26	Ft.
	Total	6610.00	Ft.
Wt. of String		154,000	Lbs.
Pipe in Hole		194	Jts.
Pipe on Racks		163	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD		
Bit No.	14	15
Size	8 3/4	8 3/4
Mfg.	Sec	Sec
Type	M44	M44
Nozzle No.	2 1	3
Nozzle Size	16 14	15
Ser. No.	372015	371908
Depth Out	6616	
Depth In	6333	6610
Total Ftg.	277	
Total Hr. Run	36	
Cond. of Bit	581	
Reamer No.		
Reamer Type		

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

MUD RECORD			
Time	2 00		
Weight	9.4		
Visc.-Sec.	87		
W.L.-C.C.	7		
FL TR. CK.	2/32		
PH	10		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 lbs		
Benex	2 lbs		

Driller R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6590	6610	20	D			80	30	1300	6"	52			

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	3:45	3½						Drlg 8¾ hole
3:45	6:45	3						Pull out Bit #14
6:45	7:00	¼						Change Bits & Blind Rams
7:00	7:30	½						Run in D.C.
7:30	8:00	½						Slip & Cut Line.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
65	Stands D.P.	6105.03	Ft.
	Singles D.P.		Ft.
	D.C. 7"		
2	I.D. O.D.	61.40	Ft.
	D.C. 6¼		
14	I.D. O.D.	431.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	33.96	Ft.
	Total	6645	Ft.
Wt. of String		154,000	Lbs.
Pipe in Hole		195	Jts.
Pipe on Racks		162	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD	
Bit No.	15
Size	8¾
Mfg.	SEC.
Type	M44
Nozzle No.	3
Nozzle Size	15
Ser. No.	371908
Depth Out	
Depth In	6610
Total Ftg.	35
Total Hr. Run	3½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 9 — O.T. Hrs.
Trucker FALCON.
Trucker ____
Trucker ____

MUD RECORD			
Time	1 00	3 00	
Weight	9.4	9.4	
Visc.-Sec.	95	83	
W.L.-C.C.	7.2	7.2	
FL TR. CK.	2/32	2/32	
PH	9.0	8.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100 lbs		
Sperence	50 lbs		

Driller A. Jamieson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6610	6645	35	D			80	20	1350	6"	52			

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. L-ROPS, MOTOR SHUTOFF, & KELLY COCK
8 15	8 45	½						SLIP & CUT LINE 71 ft.
8 45	10 00	1¼						RUN IN
10 00	10 15	¼						CLEAN OUT BRIDGE (53 m)
10 15	11 30	¼						RUN IN
11 30	12 30	1						CLEAN TO BOTTOM.
12 30	4 00	3½						DRILL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
65	Stands D.P.	6105.03	Ft.
2	Singles D.P.	62.28	Ft.
	D.C. 7"		
2	I.D. O.D.	61.40	Ft.
	D.C. 6¼		
14	I.D. O.D.	431.21	Ft.
1	Stb. Body O.D.	5.44	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	43.60	Ft.
	Total	6715.32	Ft.
Wt. of String		155,000	Lbs.
Pipe in Hole		197	Jts.
Pipe on Racks		160	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD	
Bit No.	15
Size	8¾
Mfg.	SEC
Type	M44
Nozzle No.	3
Nozzle Size	15
Ser. No.	371908
Depth Out	
Depth In	6610
Total Ftg.	105
Total Hr. Run	10¾
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD			
Time	4 30	7 30	11 30
Weight	9.4	9.4	9.4
Visc.-Sec.	80	90	83
W.L.-C.C.	6.8	7.0	6.8
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 lbs		
Desco	4 lbs		

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6645	6715	70	D			80	20	1350	6"	52			S
						90	35	1350	6"	52	5½		S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6653	3°							

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
4 15	8:00	3¾						Drill
8:00	8:30	½						Survey @ 6653
8:30	12:00	3½						Drilling 8¾ hole

Nº 7860

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name	Decalta Et Al Dome Keale S-A-28
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.	
Date	March 15 1972
Weather Condition	-2
Road Conditions	good
Nearest Town	Norman Wells
Water - Source	Lake
Miles Hauled	4
Pumped	
Camp Distance from Rig	150 yds
Reason for Extra L. Plant	Spare

OPERATOR	Rig No.	Drill Pipe String No.	Size	Tool Joint	Type Thd.
~~[illegible]~~ Western Decalta	2, DWKS 7-11	2	4½	5¾ O.D.	F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nsco	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG HD.	Set at	Remarks
9⅝		J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾	7¼	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	1	½	½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.	5
No. of Lines	8 Size 1⅛
Feet Slipped	815
Feet Cut Off	815
Present Length	
Ton Mi. or Trips Since Last Cut	210
Cumulative Ton Mi. or Trips	3345
No. of Days From Spud	35
Cumulative Rotating Hrs.	491¼

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — CONSERVATION ENGINEER — MAR 27 1972 — YELLOWKNIFE, N.W.T. — NORTHERN ECONOMIC DEVELOPMENT BRANCH

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
63	Stands D.P.	5917.48 Ft.
1	Singles D.P.	31.32 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
	Stb. Body O.D.	Ft.
1	Stb. Body O.D.	5.44 Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
1	Bit ~~or C.B.~~ Sub	4.00 Ft.
	Kelly Down	23.19 Ft.
	Total	6478.00 Ft.
	Wt. of String	152,000 Lbs.
	Pipe in Hole	190 Jts.
	Pipe on Racks	167 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	14
Size	8¾
Mfg.	Sec
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	145
Total Hr. Run	~~[illegible]~~ 18
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	12:30	4:00	7:00
Weight	9.4	9.4	9.3+
Visc.-Sec.	85	79	87
W.L.-C.C.	6.6	6.4	6.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3000 lbs		
Bonex	12 lbs		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6418	6478	60	D			80	15000	1300	6"	52	5½	–	S
						80	20000	1300	6"	52	5½	–	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
6403	3¼		6434	3¼				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼						Rig Service
12.15	2.00	1¾						DRLG 8¾ hole w/ 15,000 lbs on bit
2.00	2.30	½						Survey @ 6403
2.30	6.00	3½						Drlg 8¾ hole w/ 20,000 lbs on bit
6.00	6.30	½						Survey @ 6434
6.30	8.00	1½						DRLG 8¾ hole w/20,000 lbs on bit

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
64	Stands D.P.	6001.23 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~or C.B.~~ SUB	4.00 Ft.
	Kelly Down	37.76 Ft.
	Total	6545 Ft.
	Wt. of String	152,000 Lbs.
	Pipe in Hole	192 Jts.
	Pipe on Racks	165 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	14
Size	8¾
Mfg.	SEC
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	212
Total Hr. Run	25¼
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker FALCON 12
Trucker ...
Trucker ...

MUD RECORD

Time	9:00	11:00	3:00
Weight	9.4	9.3	9.3+
Visc.-Sec.	83	93	85
W.L.-C.C.	6.0	6.2	6.0
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.0	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	900 lbs		
Bonex	2 lbs		

Driller: A. Zazan

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6478	6528	50	D			80	20	1300	6"	52	5½	70	S
6528	6545	17	D			80	30	1050			5½	~~[illegible]~~	S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
~~6518~~	3°		6496	3°				

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. + BOP'S, MOTOR SHUT OFF'S, + KELLY COCK
8:15	1:15	5						DRILL
1:15	1:45	½						SURVEY 6518 3°
1:45	4.00	2¼						DRILL

& STANDBY PUMP ON HOLE FOR 24 HRS.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
64	Stands D.P.	6032.45 Ft.
1	Singles D.P.	31.28 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
1	Stb. Body X/O O.D.	3.96 Ft.
	Rmr. Body O.D.	Ft.
—	Subs O.D.	Ft.
1	Bit ~~or~~ SUB C.B.	4.06 Ft.
	Kelly Down	42.00 Ft.
	Total	6621.74 Ft.
	Wt. of String	154,000 Lbs.
	Pipe in Hole	193 Jts.
	Pipe on Racks	164 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	14
Size	8¾
Mfg.	SEC.
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	257
Total Hr. Run	32½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5	7:30	11:00
Weight	9.3+	9.4	9.4
Visc.-Sec.	40	90	92
W.L.-C.C.	6.0	6.0	7.0
FL TR. CK.	2/32	2/32	2/32
PH	10.	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000	LBS	
Bonex	2	LBS	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6545	6560	15	D			90	30	1050			5½	70	S
6560	6590	30	D			80	30	1300	6"	52			S
		45											

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
6560	3°							

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 SER.
4:15	11:30	7¼						DRill
11.30	12.00	½						Survey @ 6560

No. 7859

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta Et Al Dome

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

Date: March 14, 19 71

Weather Condition: Cloudy — Road Conditions: good — Nearest Town: Norman Wells — Water - Source: Lake — Miles Hauled: 4 — Pumped: ____ — Camp Distance from Rig: 1500 yds — Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11 — 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. Miller

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nsco	C-150	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8		J 55	32	1027	13.00	1026	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		15	6¼
Reaming	5¾	2	
Conditioning Mud & Circulating			
Trips	2	¾	
Lubricate Rig	1¼	¼	1¼
Deviation Survey		½	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 Work on air lines			1¼
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. 5

No. of Lines 8 Size 1 1/8

Feet Slipped 815

Feet Cut Off 815

Present Length

Ton Mi. or Trips Since Last Cut 210

Cumulative Ton Mi. or Trips 3345

No. of Days From Spud 34

Cumulative Rotating Hrs. 470

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 23 1971
PETROLEUM & N.G.T.
PIPELINES & ENGINEERING DEVELOPMENT BRANCH

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
61	Stands D.P.	5732.23 Ft.
2	Singles D.P.	62.09 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
	Stb. Body O.D.	Ft.
1	Stb. Body O.D.	5.44 Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	33.00 Ft.
	Total	6333.00 Ft.
Wt. of String		155,000 Lbs.
Pipe in Hole		185 Jts.
Pipe on Racks		172 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD	
Bit No.	14
Size	8 3/4
Mfg.	Sec
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD			
Time		4.00	7.30
Weight		9.4	9.4
Visc.-Sec.		95	140
W.L.-C.C.		7.0	6.8
FL TR. CK.		2/32	2/32
PH		10.5	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500 lbs		
Pen-ex	6 lbs.		

Driller: R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2.00	1 3/4						Run in To 4708 w/Bit # 14
2:00	4:00	2.						Ream From 4708 To 4875
4:00	4:15	¼						Run in 6 stds
4:15	8:00	3¾						Ream From 5305 To 5400

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
62	Stands D.P.	5824.62 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	29.36 Ft.
	Total	6366 Ft.
Wt. of String		155,000 Lbs.
Pipe in Hole		186 Jts.
Pipe on Racks		371 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD	
Bit No.	14
Size	8 3/4
Mfg.	SEC
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	27
Total Hr. Run	5
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD			
Time	9.30	11.30	3.30
Weight	9.5	9.5	9.5
Visc.-Sec.	145	130	105
W.L.-C.C.	5.8	5.8	6.0
FL TR. CK.	⅓	⅓	⅓
PH	10.	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: A. Jamieson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6333	6360	27	D			80	6/10	1200	6	52			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6300	3 7/8							

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 Offs, & Kelly Cock
8.15	9.30	1 3/4						Clean out Bridge 5200 to 5600
9.30	9.45	¼						Run in
9.45	10.30	¾						Clean to Bottom.
10.30	11.30	1						Drill
11.30	12.00	½						Survey 6300 3 7/8
12.00	4.00	4						Drill
								Sandry pump on the for 1 Hr.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
62	Stands D.P.	5824.62 Ft.
2	Singles D.P.	61.73 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
1	Stb. Body O.D.	5.44 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or C.B.	4.00 Ft.
	Kelly Down	15.64 Ft.
	Total	6418.00 Ft.
Wt. of String		150,000 Lbs.
Pipe in Hole		188 Jts.
Pipe on Racks		169 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD	
Bit No.	14
Size	8 3/4
Mfg.	SEC
Type	M44
Nozzle No.	2 1
Nozzle Size	16 14
Ser. No.	372015
Depth Out	
Depth In	6333
Total Ftg.	85
Total Hr. Run	11 1/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD			
Time	5.00	9.30	11.00
Weight	9.4	9.3	9.4
Visc.-Sec.	95	90	80
W.L.-C.C.	5.8	5.8	H
FL TR. CK.	⅓	⅓	2/32
PH	8.5	9.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100	LBS	
Spersene	100	LBS	
Gel	500	LBS	
Pen-ex	2	LBS	

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6360	6370	10	D			80	10	1300	6"	52			
6370	6403	33	D			80	20	1300	6"	52			
6403	6418	15	D			80	15	1300	6"	52			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6380	3¼		6370	3¾				

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 Ser.
4.15	6.15	2.						Drill
6.15	6.45	½						Survey 6362 3¼
6.45	7.00	¼						Work on air lines
7.00	9.30	2.½						Drill
9.30	10.15	¾						Survey @ 6370 3¾
10.15	12.00	1 3/4						Drlg 8¾ hole w/15,000 lbs on bit.

No. 7858

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome — Kecle S A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: March 13 19 72

Weather Condition: Cloudy ~6 Road Conditions: Good
Nearest Town: Norman Wells
Water - Source: Lake — Miles Hauled: 4 — Pumped ___
Camp Distance from Rig: 150 yds — Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Mullen

Rig No. 2 — DWKS 7-11

Drill Pipe String: No. 2 — Size 4½

Tool Joint 5 3/4 O.D. — Type Tbd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	NSCO	C-150	12"
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J-55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	7 4	8 1/4
Reaming			
Conditioning Mud & Circulating			
Trips			2 3/4
Lubricate Rig	1/4	1/4	1/4
Deviation Survey		1/2	
Rig Test B.O.P. Rams			1/4
Cut Off Drilling Line			
Repair Rig			
Sandline Slip & Cut			Mtce
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Lay Down Other Reamers			1/2
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	9	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. 5
No. of Lines 8 — Size 1 1/8
Feet Slipped 815
Feet Cut Off 815
Present Length
Ton Mi. or Trips Since Last Cut 210
Cumulative Ton Mi. or Trips 3345
No. of Days From Spud 33
Cumulative Rotating Hrs. 458 3/4

DEPARTMENT OF MINES AND NATURAL RESOURCES — CONSERVATION ENGINEER — MAR 13 1972 — YELLOWKNIFE, N.W.T.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
100	Stands D.P.	5638.45 Ft.
2	Singles D.P.	62.59 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6 1/4	
14	I.D. O.D.	431.21 Ft.
	Stb. Body O.D.	Ft.
4	Stb. Body O.D.	21.51 Ft.
	Rmr. Body O.D.	Ft.
1	Subs 10 O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	39.98 Ft.
	Total	6269.00 Ft.

Wt. of String 161,000 Lbs.
Pipe in Hole 182 Jts.
Pipe on Racks 175 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD	
Bit No.	13
Size	8 3/4
Mfg.	Murphy
Type	SS16
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795924
Depth Out	
Depth In	6196
Total Ftg.	73
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	1 00	4 00	7 00
Weight	9.5	9.5	9.5
Visc.-Sec.	90	105	120
W.L.-C.C.	7	7.4	6.6
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	2000 lbs		
Benex	8 lbs		

Driller R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6223	6269	45	D			80	15	140	6"	51	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4						Rig Service
12:15	8.00	7 3/4						Drlg 8 3/4 hole w/ 25,000 lbs on bit

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
61	Stands D.P.	Ft.
1	Singles D.P.	57 62.35 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6 1/4	
14	I.D. O.D.	431.21 Ft.
4	Stb. Body O.D.	21.51 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 10 O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	23.57 Ft.
	Total	6315 Ft.

Wt. of String 153,000 Lbs.
Pipe in Hole 184 Jts.
Pipe on Racks 173 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD	
Bit No.	13
Size	8 3/4
Mfg.	SSIC
Type	MURPHY
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795924
Depth Out	
Depth In	6196
Total Ftg.	19 3/4
Total Hr. Run	19 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD			
Time	9 00	11 00	3 00
Weight	9.5	9.5	9.4 x
Visc.-Sec.	100	85	100
W.L.-C.C.	6.4	7.2	7.2
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500 lbs		
Benex	6 lbs		

Driller A Jamieson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6269	6315	46	D			80	15	14	6"	51			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6239	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 Ser. + BOP's, motor sheaves + kelly cock
8:15	8:45	1/2						Survey 6239 3/4 warm
8:45	11:00	7 1/4						Drill
11:00	9							

STANDBY PUMP ON THE FOR 1 HR.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
61	Stands D.P.	5732.23 Ft.
1	Singles D.P.	31.12 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6 1/4	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	21.51 Ft.
1	Stb. Body 10 O.D.	3.96 Ft.
	Rmr. Body O.D.	Ft.
1	Subs 10 O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	6333.00 Ft.

Wt. of String 154,000 Lbs.
Pipe in Hole 184 Jts.
Pipe on Racks 173 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD	
Bit No.	13
Size	8 3/4
Mfg.	MURPHY
Type	SS1C
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795924
Depth Out	6333
Depth In	6196
Total Ftg.	137
Total Hr. Run	23
Cond. of Bit	111
Reamer No.	
Reamer Type	

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

MUD RECORD			
Time	6 00		
Weight	9.4		
Visc.-Sec.	48		
W.L.-C.C.	6.7		
FL TR. CK.	2/32		
PH	10		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400 lbs		
Ben-ex	6		
CMC	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'el-P Com'd-C
6315	6333	18	D			80	15	14	6"	51			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6300	3°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig SER.
4:15	7:30	3 1/4						DRILL
7:30	8:00	1/2						PULL SANDLINE OUT OFF ROPE SOCKET
8:00	10:45	2 3/4						PULL OUT.
10:45	11:15	1/2						Lay Down 3 Reamers + 10' 7in Collar
11:15	11:30	1/4						Change BITS + Rind Rams
11:30	12:00	1/2						STRING Sandline

PAYROLL DATA

DATE March 13 1972
WELL NAME & No. Decalta Et Al Dome Kecle S-A-28 No. 7858
COMPANY Guthrie McLaren Drlg LTD.
TOOL PUSHER J. Mullen RIG No. 2

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		R. Rutherford	12
Drkman		B. TenHove	12
Mtrman		M. Batchelor	12
Firman		L. Trudeau	12
Firman		G. Clark	12
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		A. ZAMZOW	12
Drkman		M. TROMBLEY	12
Mtrman		H. EWASIW	12
Firman		R. OUELLETTE	12
Firman		B. BRYDEN	12
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

No. 7857

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta ET Al Dome Keele S-A-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: March 12 19 22

Weather Condition: Calm 4 | Road Conditions: good | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 4 | Pumped: ____ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: W. Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Miller

Rig No. 2 DWKS 7-11 | Drill Pipe String No. 2 Size 4½ | Tool Joint 5 3/4 O.D. | Type T.J. F.H

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	14"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		555	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	1 1/2	4 3/4
Reaming			
Conditioning Mud & Circulating			
Trips		2 1/2	2 1/4
Lubricate Rig	1/4	1/4	
Deviation Survey	1/2	1/4	
Test B.O.P.			
Cut Off Drilling Line		1	
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		2 1/2	
Clean Mud Tks Other Fill			1
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8.3	8.	

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. 5
No. of Lines 8 Size 1 1/4
Feet Slipped ~~815~~
Feet Cut Off ~~815~~
Present Length
Ton Mi. or Trips Since Last Cut 70
Cumulative Ton Mi. or Trips 3205
No. of Days From Spud 32
Cumulative Rotating Hrs. 440 1/2

MAR 15 1922 — CONSERVATION ENGINEER — DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — NORTHERN ENGINEERING BRANCH — YELLOWKNIFE, N.W.T.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
60	Stands D.P.	5638.45 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	Ft.
	Stb. Body O.D.	29.39 Ft.
	Rmr. Body O.D.	Ft.
1	Subs ~~O.D.~~	3.96 Ft.
1/2	Bit or C.B.	Ft.
	Kelly Down	15.59 Ft.
	Total	6190.00 Ft.
Wt. of String		160,000 Lbs.
Pipe in Hole		180 Jts.
Pipe on Racks		177 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.		12
Size		8 3/4
Mfg.		Murphy
Type		SS16
Nozzle	No.	2 1
	Size	14 16
Ser. No.		795927
Depth Out		
Depth In		5951
Total Ftg.		239
Total Hr. Run		36 1/4
Cond. of Bit		IN
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	1.00	11.00	7.30
Weight	9.6	9.6	9.6
Visc.-Sec.	115	90	92
W.L.-C.C.	6.8	7.0	7.4
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500 lbs		
Ben-ex	10 lbs		
Sperasene	100 lbs		
Caustic	100 lbs		

Driller R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
6149	6190	41	D			80	15	1400	6	52	5½	—	5

Deviation Record: Depth 6122 — Dev. 3 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	12.30	1/2						DRLG @ 8 3/4 hole
12.30	1.00	1/2						Survey @ 6122
1.00	1.15	1/4						Rig Service
1.15	8.00	6 3/4						Drlg 8 3/4 hole 6/15,000 lb on bit

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
60	Stands D.P.	5638.45 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	29.57 Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	29.47 Ft.
	Total	6196 Ft.
Wt. of String		166,000 Lbs.
Pipe in Hole		180 Jts.
Pipe on Racks		177 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.		12
Size		8 3/4
Mfg.		MURPHY
Type		SS16
Nozzle	No.	2 1
	Size	14 16
Ser. No.		795927
Depth Out		
Depth In		5951
Total Ftg.		245
Total Hr. Run		#37 3/4
Cond. of Bit		
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	6.30		
Weight	9.6		
Visc.-Sec.	100		ARP
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500 lbs		
Bar	2 lbs		

Driller A. Zenzen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 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
6190	6196	6	D			80	15	1400	6"	52			5

Deviation Record: Depth 6196 — Dev. 3 1/2 — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	1/4						Rig SER. & BOP'S MOTOR, SHUT OFF, & RECIRCER
8.15	9.45	1 1/2						DRILL
9.45	10.00	1/4						SURVEY 6196 3 1/4
10.00	12.30	2 1/2						PUMP OUT SINGLES
12.30	3.00	2 1/2						PULL OUT & BLIND RAMS
3.00	4.00	1						SLIP & CUT LINE 125

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
60	Stands D.P.	5638.45 Ft.
1	Singles D.P.	31.23 Ft.
3	D.C. 7" I.D. O.D.	71.46 Ft.
14	D.C. 6 1/4 I.D. O.D.	431.21 Ft.
4	Stb. Body O.D.	21.57 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	25.24 Ft.
	Total	6223.00 Ft.
Wt. of String		150,000 Lbs.
Pipe in Hole		181 Jts.
Pipe on Racks		176 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.		13
Size		8 3/4
Mfg.		MURPHY
Type		SS16
Nozzle	No.	2 1
	Size	14 16
Ser. No.		795924
Depth Out		
Depth In		6196
Total Ftg.		27
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		7.30	11.30
Weight		9.5+	9.5
Visc.-Sec.		110	85
W.L.-C.C.			6.6
FL TR. CK.			2/32
PH		9.0	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	1000 LBS		
Ben-ex	2 "		

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
6196	6223	27	D			80	15	1400	6"	51	5½	—	5

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	6.15	2 1/4						RUN IN
6.15	7.15	1						CLEAN MUD TO BOTTOM.
7.15	12.00	4 3/4						DRILL 8 3/4 hole

No 7856

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome Keele S A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: Mar. 11 1972
Weather Condition: Snowing -4
Road Conditions: Good
Nearest Town: Norman Wells
Water - Source: Lake
Miles Hauled: 4
Pumped: ___
Camp Distance from Rig: 150 yds
Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No.: 2 DWKS 7-11
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: W Miller

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		5.55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¼	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	½	½	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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.: 5
No. of Lines: 8 Size: 1⅛
Feet Slipped: 690
Feet Cut Off: 690
Present Length:
Ton Mi. or Trips Since Last Cut: 61
Cumulative Ton Mi. or Trips: 3065
No. of Days From Spud: 31
Cumulative Rotating Hrs.: 427

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
CONSERVATION ENGINEERS
MAR 16 1972
YELLOWKNIFE, N.W.T.

MORNING TOUR

Drilling Assembly at End of Tour

NO.	Item	Ft.
58	Stands D.P.	5450.71
1	Singles D.P.	31.34
3	D.C. 7" I.D. O.D.	71.40
14	D.C. 6¼ I.D. O.D.	431.21
	Stb. Body O.D.	
5	Stb. Body O.D.	29.39
	Rmr. Body O.D.	
1	Subs X/O	3.96
	Bit or C.B.	
	Kelly Down	36.99
	Total	6055.00

Wt. of String: 159,000 Lbs.
Pipe in Hole: 175 Jts.
Pipe on Racks: 182 Jts.
Total Pipe on Lease: 357 Jts.

Bit Record

Bit No.	12
Size	8¾
Mfg.	Murphy
Type	SS1G
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795927
Depth Out	
Depth In	5951
Total Ftg.	104
Total Hr. Run	14
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

Mud Record

Time	12.30	4.30	7.30
Weight	9.6	9.6	9.6
Visc.-Sec.	87	100	100
W.L.-C.C.	7.6	7.4	7.6
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	1000 lbs		
Benex	4 lbs		

Driller: R. Rutherford

Footage

From	To	Ftge.	DR-D RM-R Core-C	Core No.	Formation (Show Core Recovery)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run
6001	6055	54	D			80	15	1400	6"	52	5½	—	S

Deviation Record: Depth 5997 Dev. 3¼ Direction

Hour Started	Hour Stopped	Elapsed Time	Details of Operations in Sequence and Remarks
12.00	12.15	¼	Rig Service
12.15	3.30	3¼	Drlg 8¾ hole w/ 15,000 lbs on bit
3.30	4.00	½	Survey @ 5997
4.00	8.00	4	Drlg 8¾ hole w/ 15,000 lbs on bit

DAY TOUR

Drilling Assembly at End of Tour

NO.	Item	Ft.
59	Stands D.P.	5544.56
	Singles D.P.	
3	D.C. 7" I.D. O.D.	71.40
14	D.C. 6¼ I.D. O.D.	431.21
5	Stb. Body O.D.	29.39
	Stb. Body O.D.	
	Rmr. Body O.D.	
1	Subs X/O O.D.	3.96
	Bit or C.B.	
	Kelly Down	24.48
	Total	6105

Wt. of String: 159,000 Lbs.
Pipe in Hole: 177 Jts.
Pipe on Racks: 180 Jts.
Total Pipe on Lease: 357 Jts.

Bit Record

Bit No.	12
Size	8¾
Mfg.	Murphy
Type	SS1G
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795927
Depth Out	
Depth In	5951
Total Ftg.	154
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	9.00	11.00	3.00
Weight	9.6	9.6	9.6
Visc.-Sec.	100	90	98
W.L.-C.C.	7.2	7.2	7.0
FL TR. CK.	2/32	2/32	2/32
PH	10.	10.	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	900 lbs		

Driller: A. Zangen

Footage

From	To	Ftge.	DR-D RM-R Core-C	Core No.	Formation (Show Core Recovery)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run
6055	6105	50	D			80	15	1400	6"	52			S
					FROM 6090	80	20	1400	6"	52			

Deviation Record: Depth 6060 Dev. 3¼ Direction

Hour Started	Hour Stopped	Elapsed Time	Details of Operations in Sequence and Remarks
8.00	8.15	¼	RIG SER. - BOP'S, MOTOR SHUT OFF'S & KELLY COCK.
8.15	1.15	5	DRILL
1.15	1.45	½	SURVEY 6060 - 3¼
1.45	4.00	2¼	DRILL

STANDBY PUMP ON THE ECR 1 HOUR.

EVENING TOUR

Drilling Assembly at End of Tour

NO.	Item	Ft.
59	Stands D.P.	5544.56
1	Singles D.P.	31.43
3	D.C. 7" I.D. O.D.	71.40
14	D.C. 6¼ I.D. O.D.	431.21
5	Stb. Body O.D.	29.39
	Stb. Body O.D.	
	Rmr. Body O.D.	
1	Subs X/O O.D.	3.96
	Bit or C.B.	
	Kelly Down	37.05
	Total	6149.00

Wt. of String: 159,000 Lbs.
Pipe in Hole: 178 Jts.
Pipe on Racks: 179 Jts.
Total Pipe on Lease: 357 Jts.

Bit Record

Bit No.	12
Size	8¾
Mfg.	Murphy
Type	SS1G
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795927
Depth Out	
Depth In	5951
Total Ftg.	198
Total Hr. Run	29
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

Mud Record

Time	5.00	8.00	11.00
Weight	9.6	9.6	9.6
Visc.-Sec.	100	105	95
W.L.-C.C.	6.5	6.8	6.8
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	500 lbs		
Benex	2 lbs		

Driller:

Footage

From	To	Ftge.	DR-D RM-R Core-C	Core No.	Formation (Show Core Recovery)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run
6105	6149	44	D			80	20	1400	6"	52	5½	—	S

Deviation Record: Depth Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	Details of Operations in Sequence and Remarks
4.00	4.15	¼	RIG SER.
4.15	12.00	7¾	DRILL

No. 7855

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease or Well Name: Decalta ET AL Dome Keele S-A-28
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: March 10 19 72

Weather Condition | Road Conditions: Good | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 1500 yds | Reason for Extra L. Plant: State

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

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: W Miller

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4½		6¾
Reaming		4½	1
Conditioning Mud & Circulating			
Trips	2¾	2½	
Lubricate Rig	1¼	¼	1¼
Deviation Survey	1¼		
Test B.O.P.	1¼		
Cut Off Drilling Line		¾	
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.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	690
Feet Cut Off	690
Present Length	
Ton Mi. or Trips Since Last Cut	61
Cumulative Ton Mi. or Trips	3065
No. of Days From Spud	30
Cumulative Rotating Hrs.	404 3/4

MAR 16 1972 — CONSERVATION EXHIBITS — DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
57	Stands D.P.	5356.97 Ft.
1	Singles D.P.	31.20 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6¼	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	26.87 Ft.
	Total	5951.00 Ft.
Wt. of String		160,000 Lbs.
Pipe in Hole		172 Jts.
Pipe on Racks		185 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	11
Size	5 8¾ 4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270876
Depth Out	5951
Depth In	5751
Total Ftg.	200
Total Hr. Run	28 3/4
Cond. of Bit	2 11
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	12:30	4:30
Weight	9.5	9.5
Visc.-Sec.	90	95
W.L.-C.C.	6.6	6.8
FL TR. CK.	2/32	2/32
PH	10.5	10.5
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500 LBS		
Ben-ex	2 LBS		

Driller R Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5921	5951	30	D			80	20	1400	6"	50	5½	—	5

Deviation Record: Depth 5940 — Dev. 3¾ — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:45	1 3/4						Drlg 8 3/4 hole
1:45	2:00	1/4						Rig Service
2:00	4:45	2 3/4						Drlg 8 3/4 hole
4:45	5:00	1/4						Drop Survey
5:00	7:48	2 3/4						Pull Out
7:45	8:00	1/4						Change bits ✓ Blind Rams
								Running in Misc Bridges at (+4600)

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
57	Stands D.P.	5356.97 Ft.
1	Singles D.P.	31.20 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6¼	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	26.87 Ft.
	Total	5951.00 Ft.
Wt. of String		160,000 Lbs.
Pipe in Hole		172 Jts.
Pipe on Racks		185 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	12
Size	8¾
Mfg.	Smith
Type	551C
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795927
Depth Out	
Depth In	5951
Total Ftg.	0
Total Hr. Run	0
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time		
Weight	9.5	
Visc.-Sec.	90	
W.L.-C.C.		
FL TR. CK.	Reaming	
PH		
SD. Cont. %		
Pressure Gradien.		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A Jamieson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
						80	7	1400	6"	51	6"		5

Deviation Record

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 Ser. ✓ BOP's Kelly Cock, Motor Shut Offs
8:15	9:00	3/4						Slip & Cut 98 ft of Line
9:00	11:30	2½						Run in
11:30	4:00	4½						Clean out Bridges. 4373 to 4758 5481 to 5900

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
58	Stands D.P.	5450.71 Ft.
	Singles D.P.	Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6¼	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	14.33 Ft.
	Total	6001.00 Ft.
Wt. of String		158,000 Lbs.
Pipe in Hole		174 Jts.
Pipe on Racks		183 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	12
Size	8¾
Mfg.	Smith
Type	551C
Nozzle No.	2 1
Nozzle Size	14 16
Ser. No.	795927
Depth Out	
Depth In	5951
Total Ftg.	50
Total Hr. Run	6 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	4:30	7:30	11:00
Weight	9.5	9.6	9.6
Visc.-Sec.	90	80	87
W.L.-C.C.	6.4	7.0	7.6
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	100 lbs		
Gel	500 LBS		
Spersene	50 lbs		
Benex	2 LBS		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5951	6001	50	D			85	15	1400	6"	51			5

Deviation Record

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Ser.
4:15	5:15	1						Clean to Bottom.
5:15	12:00	6 3/4						Drill

No. 7854

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Demc Keele S B-28
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MARCH 9 1972

Weather Condition | Road Conditions: good | Nearest Town: No-Man Wells | Water - Source: lake | Miles Hauled: 4 | Pumped: ____ | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Space

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. Muller

Rig No. 2 | DWKS 7-11 | Drill Pipe String: No. 3, Size 4½ | Tool Joint: Type Thd. F.H., 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Idesco	600	16"
2.	Nsco	C 150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¼	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey		½	½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
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. 5
No. of Lines 8 Size 1 1/16
Feet Slipped 645
Feet Cut Off 645
Present Length
Ton Mi. or Trips Since Last Cut 448
Cumulative Ton Mi. or Trips 2943
No. of Days From Spud 29
Cumulative Rotating Hrs. 393 ½

CONSERVATION ENGINEER
MAR 15 1972
EDMONTON, N.W.T.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
56	Stands D.P.	5263.66	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.38	Ft.
	Total	5813.00	Ft.

Wt. of String 159,000 Lbs.
Pipe in Hole 168 Jts.
Pipe on Racks 189 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	11
Size	~~8¾~~
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270876
Depth Out	
Depth In	5751
Total Ftg.	62
Total Hr. Run	9¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	12⁰⁰	2⁰⁰	8⁰⁰
Weight	9.4	9.4	9.4
Visc.-Sec.	115	90	
W.L.-C.C.	8	8.2	
FL TR. CK.	2/32	2/32	
PH	9	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Spersene	100 lbs.		
Caustic	100 lbs.		
Gel	500 lbs.		
Benex	2 sks		

Driller K. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5761	5813	52	D			80	15	1400	6"	50	5½	—	5

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	2.15	2¼						DRIG 8¾ hole W/15,000 lbs ON BPE
2.15	2.30	¼						Rig Service
2.30	8.00	5½						DRIG 8¾ hole W/15,000 lbs on bit

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
56	Stands D.P.	5294.70	Ft.
1	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	32.34	Ft.
	Total	5863.	Ft.

Wt. of String 159000 Lbs.
Pipe in Hole 169 Jts.
Pipe on Racks 188 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	11
Size	8¾
Mfg.	SEC.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270876
Depth Out	
Depth In	5751
Total Ftg.	110
Total Hr. Run	17
Cond. of Bit	
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	9:00	12⁰⁰	3⁰⁰
Weight	9.5	9.5	9.5
Visc.-Sec.	105	85	85
W.L.-C.C.		7.4	
FL TR. CK.		2/32	
PH	9.5	10.0	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	900 lbs		
Ben	2 lbs		

Driller A. Jongsma

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5813	5863	50	D			70	15	1400	6"	50			5

Deviation Record: Depth 5810 | Dev. 3¼ | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8.15	¼						Rig SER. ✓BOP's MOTOR SHUTOFF, & KELLY COCK
8.15	12.15	4						DRILL
12.15	12.45	½						SURVEY 5810 3¼
12.45	4⁰⁰	3¼						DRILL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
57	Stands D.P.	5356.97	Ft.
8	Singles D.P.	~~5294.70~~	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Rmr. Body O.D.		Ft.
1	Subs ~~X/O~~ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.07	Ft.
	Total	5921.00	Ft.

Wt. of String 160,000 Lbs.
Pipe in Hole 171 Jts.
Pipe on Racks 186 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	11
Size	8¾
Mfg.	SEC.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270876
Depth Out	
Depth In	5751
Total Ftg.	170
Total Hr. Run	24¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	4:30	8:00	10⁰⁰
Weight	9.5	9.5	9.5
Visc.-Sec.	80	90	95
W.L.-C.C.		7.4	7.4
FL TR. CK.		2/32	2/32
PH		10.	10
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
5863	5921	58	D			80	20-30	1200	6"	50	5½	—	5

Deviation Record: Depth 5872 | Dev. 3½ | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4.15	¼						Rig SER.
4.15	9.00	4¾						DRILL
9.00	9.30	½						SURVEY @ 5872
9.30	12.00	2½						DRLG 8¾ hole W/20,000 lbs on BIT

No. 7853

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome Kette S. A2.8 — Date: March 8 1972

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

Weather Condition: Clear -10 — Road Conditions: good — Nearest Town: ____ — Water - Source: Lake — Miles Hauled: 4 — Pumped: ____ — Camp Distance from Rig: 150 Yds. — Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Selak WWM

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Naco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	4¼	1½
Reaming			4½
Conditioning Mud & Circulating			
Trips		2½	2
Lubricate Rig	¼		¼
Deviation Survey	½	1¼	
Test B.O.P.		1¼	
Cut Off Drilling Line			
Repair Rig		½	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Change Bits / B.R.		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. 5

No. of Lines 8 — Size 1 1/8

Feet Slipped 645

Feet Cut Off 645

Present Length

Ton Mi. or Trips Since Last Cut 458

Cumulative Ton Mi. or Trips 2953.

No. of Days From Spud 28

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
55	Stands D.P.	5169.95	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 10 O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.09	Ft.
	Total	5734.00	Ft.
Wt. of String		154,000	Lbs.
Pipe in Hole		165	Jts.
Pipe on Racks		192	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	331
Total Hr. Run	56
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.4	9.4	9.4
Visc.-Sec.	83	85	85
W.L.-C.C.		7 cc	
FL TR. CK.		2/32	
PH	10.5	10.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500 #		
Bennex	2 #		

Driller L. Blakley

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5693	5734	41	D			80	20	1350	6"	49	5½	—	S
						80	15	1350	6"	49	5½	—	S

Deviation Record: Depth 5685 — Dev. 3½ — 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	3:30	3 ¼						Drlg. W/20,000 lbs. on the bit.
3:30	4:00	½						Survey @ 5685
4:00	8:00	4						Drlg. W/15,000 lbs. on the bit.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
55	Stands D.P.	5169.95	Ft.
1	Singles D.P.	31.30	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 10 O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.79	Ft.
	Total	5751.00	Ft.
Wt. of String		154,000	Lbs.
Pipe in Hole		166	Jts.
Pipe on Racks		191	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267693
Depth Out	5751
Depth In	5403
Total Ftg.	348
Total Hr. Run	60¼
Cond. of Bit	6-8-I
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	8:30		
Weight	9.4		
Visc.-Sec.	100		
W.L.-C.C.	7.2		
FL TR. CK.	2/32		
PH	10.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 lbs		
Ben-Ex	2 lbs		

Driller R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5734	5751	17	D			80	15	1350	6"	49	5½	69	S

Deviation Record: Depth 5751 — Dev. 3¼ — Direction

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						Drlg 8 3/4 hole
10:45	11:00	¼						Rops, Match B.U.'s + Rig Service
11:00	12:30	1½						Drlg 8 3/4 hole
12:30	12:45	¼						Pump Down Survey
12:45	3:15	2½						Pull Out For Bit
3:15	3:30	¼						Change Bits ✓ Blind Rams
3:30	4:00	½						Change Stabilizer Rubber + Air Line
								On #1 Compound Clutch.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
55	Stands D.P.		Ft.
1	Singles D.P.	5201.25	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 10 O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.79	Ft.
	Total	5760	Ft.
Wt. of String		158,000	Lbs.
Pipe in Hole		166	Jts.
Pipe on Racks		191	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	11
Size	8 3/4
Mfg.	SEC.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270876
Depth Out	
Depth In	5751
Total Ftg.	10
Total Hr. Run	1½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time			10:30
Weight			9.4+
Visc.-Sec.			115
W.L.-C.C.			7.2
FL TR. CK.			1/32
PH			10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A. Jones

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5751	5761	10	D.			80	15	1350	6"	50			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	4:15	¼						R/S SER.
4:15	6:12	2						RUN IN
6:15	10:30	4¼						CLEAN OUT BRIDGE 4780
10:30	12:00	1½						DRILL

No. 7852

CUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Domeked S. A-28

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

Date: March 7 1972

Weather Condition: Clear -10 | Road Conditions: Good | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 150 Yds. | Reason for Extra L. Plant: Spare.

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R. Lelak

Rig No.: 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6" O.D. | Type Thd. FH.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9 5/8		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	7¾	7½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey	½		½
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	¼		
Fishing			

COMPLETION WORK

A. Perforating		
B. Tubing Trips		
C. Swabbing		
D. Testing		
E. Additional		
Totals	8	8.8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	331
Cumulative Ton Mi. or Trips	2826
No. of Days From Spud	27
Cumulative Rotating Hrs.	359¾

CONSERVATION ENGINEER — MAR 15 1972 — YELLOWKNIFE N.W.T. — NORTHERN ECONOMIC DEVELOPMENT BRANCH

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
53	Stands D.P.	4982.42 Ft.
2	Singles D.P.	62.44 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	21.21 Ft.
	Total	5602.00 Ft.
Wt. of String	154,000 Lbs.	
Pipe in Hole	161 Jts.	
Pipe on Racks	196 Jts.	
Total Pipe on Lease	357 Jts.	

BIT RECORD

Bit No.	10		
Size	8¾		
Mfg.	Sec.		
Type	M44N		
Nozzle No.	2	1	
Nozzle Size	13	14	
Ser. No.	267693		
Depth Out			
Depth In	5403		
Total Ftg.	199		
Total Hr. Run	33½		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1:00	7:30	7:30
Weight	9.4	9.3+	9.3+
Visc.-Sec.	90	85	80
W.L.-C.C.	7.4 cc		
FL TR. CK.	3/32		
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	1000 #		

Driller: L. Blakley

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5560	5602	42	D			80	15	1350	6"	50	5½	—	S

Deviation Record: Depth 5560 | Dev. 3½ | 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	12:30	¼						Drlg.
12:30	12:45	¼						Hook up new geolograph line.
12:45	5:30	4¾						Drlg. W/15,000 lbs on the bit.
5:30	6:00	½						Survey @ 5560
6:00	8:00	2						Drlg. W/15,000 lbs. on the bit.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
54	Stands D.P.	5075.96 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.08 Ft.
	Total	5646.00 Ft.
Wt. of String	153,000 Lbs.	
Pipe in Hole	162 Jts.	
Pipe on Racks	195 Jts.	
Total Pipe on Lease	357 Jts.	

BIT RECORD

Bit No.	10		
Size	8¾		
Mfg.	Sec		
Type	M44N		
Nozzle No.	2	1	
Nozzle Size	13	14	
Ser. No.	267693		
Depth Out			
Depth In	5403		
Total Ftg.	243		
Total Hr. Run	41¼		
Cond. of Bit	IN		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 15 Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.3	9.3	9.3
Visc.-Sec.	87	90	92
W.L.-C.C.	8.6	8.6	7.0
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500		

Driller: R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5602	5646	44	D			80	15	1350	6"	49	5½	—	S

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½						DRLG 8¾ hole
8:30	8:45	¼						√ Bops, Motor Kills + Rig Service
8:45	4:00	7¼						Drlg. 8¾ hole W/ 15,000 Lbs. ON Bit

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
54	Stands D.P.	5075.96 Ft.
2	Singles D.P.	62.56 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	18.52 Ft.
	Total	5683.00 Ft.
Wt. of String	154,000 Lbs.	
Pipe in Hole	164 Jts.	
Pipe on Racks	193 Jts.	
Total Pipe on Lease	357 Jts.	

BIT RECORD

Bit No.	10		
Size	8¾		
Mfg.	Sec		
Type	M44N		
Nozzle No.	2	1	
Nozzle Size	13	14	
Ser. No.	267693		
Depth Out			
Depth In	5403		
Total Ftg.	290		
Total Hr. Run	48¾		
Cond. of Bit	in		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	4:00	7:30	11:00
Weight	9.3	9.3	9.4
Visc.-Sec.	75	90	90
W.L.-C.C.	7.6	7.2	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 #		

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
5646	5693	47	D			80	20	1350	6"	49	5½	—	S

Deviation Record: Depth 5622 | Dev. 3¼ | 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						DRLG 8¾ hole
5:00	5:30	½						Survey @ 5622 + Rig Service
5:30	12:00	6½						DRLG 8¾ hole

No. 7851

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. Al Dome Keele S. A. 28

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

Date: March 6 1972

Weather Condition: Windy, snowing | Road Conditions: good | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 150 yds. | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. B. Blake

Rig No: 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. FH 6" O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down		-	-
Drilling Actual	7 3/4	6 3/4	7 1/4
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4		1/4
Deviation Survey		1	1/2
Test B.O.P.		1/4	
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. 5

No. of Lines 8 Size 1 1/8

Feet Slipped 645

Feet Cut Off 645

Present Length

Ton Mi. or Trips Since Last Cut 331

Cumulative Ton Mi. or Trips 2826

No. of Days From Spud 26

Cumulative Rotating Hrs. 335 1/2

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.	4888.18	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	38.26	Ft.
	Total	5463.00	Ft.
Wt. of String		152,000	Lbs.
Pipe in Hole		156	Jts.
Pipe on Racks		201	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	2
Nozzle Size	13 13 14
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	60
Total Hr. Run	12½
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.3+	9.3+	9.3+
Visc.-Sec.	112	105	102
W.L.-C.C.	7.4		
FL TR. CK.	3/32		
PH	9.5	9.0	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1000#		
CAUSTIC	100#		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5420	5463	43	D			75	20	1350	6"	50	5½	-	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig service.
12:15	8:00	7 3/4						Drlg. w/20,000 lbs. on the bit.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.	4888.78	Ft.
2	Singles D.P.	63.10	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D.		Ft.
	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	18.16	Ft.
	Total	5506.00	Ft.
Wt. of String		153,000	Lbs.
Pipe in Hole		158	Jts.
Pipe on Racks		199	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	103
Total Hr. Run	19¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 4

Trucker

Trucker

MUD RECORD

Time	9:00	12:00	2:00
Weight	9.3	9.3	9.3
Visc.-Sec.	180	110	118
W.L.-C.C.	7.8	7.6	8.2
FL TR. CK.	2/32	2/32	2/32
PH	8.0	9.0	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel		800	#'s
Sperigene		100	#'s
Caustic		100	#'s

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5463	5506	43	D			80	15	1350	6"	50	5½	-	5
						80	1750	1150	6"	-	5½	70	5

Deviation Record: Depth 5435 | Dev. 3¼° | Direction | Depth 5466 | Dev. 3° | 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						DRLG 8¾ hole w/ 20,000 lbs on bit
8:30	8:45	1/4						✓ Bops, Motor Kills + Rig Service
8:45	9:15	1/2						Survey @ 5435
9:15	2:00	4 3/4						DRLG 8¾ hole w/ 15000 lbs on Bit
2:00	2:30	1/2						Survey @ 5466
2:30	4:00	1 1/2						DRLG 8¾ hole w/ 15,000 lbs on Bit

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
53	Stands D.P.	4982.47	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D.		Ft.
	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.00	Ft.
	Total	5560.30	Ft.
Wt. of String		153,000	Lbs.
Pipe in Hole		159	Jts.
Pipe on Racks		198	Jts.
Total Pipe on Lease		357	Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	157
Total Hr. Run	26½
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Truck

Trucker

MUD RECORD

Time	4:00	7:15	11:00
Weight	9.3	9.3	9.3
Visc.-Sec.	118	87	81
W.L.-C.C.	8.2	8.0	
FL TR. CK.	2/32	2/32	
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	800#		

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
5506	5560	54	D			80	15	1350	6"	50	5½	-	5

Deviation Record: Depth 5498 | Dev. 3° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Service
4:15	7:30	3 1/4						DRLG 8¾ hole w/ 15,000# on bit
7:30	8:00	1/2						Survey @ 5498
8:00	12:00	4						Drlg. w/15,000 lbs. on the bit.

No. 7900

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. Mc. Dome Kede S. A28 — Date: March 5 1972

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

Weather Condition: -15 — Road Conditions: good — Nearest Town: ____ — Water - Source: Lake — Miles Hauled: 4 — Pumped: ____ — Camp Distance from Rig: 150 yds — Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE: ____

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Blank

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	MM 600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9 5/8		J 55	32	1027	Bow	1020	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	331
Cumulative Ton Mi. or Trips	2826
No. of Days From Spud	25
Cumulative Rotating Hrs.	313 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String: 1 Lbs. — Pipe in Hole: Jts. — Pipe on Racks: Jts. — Total Pipe on Lease: 357 Jts.

BIT RECORD

Bit No.	9
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	2
Nozzle Size	13 1/14
Ser. No.	267701
Depth Out	5403
Depth In	5125
Total Ftg.	278
Total Hr. Run	39¼
Cond. of Bit	2,1.
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00
Weight	9.2+
Visc.-Sec.	70
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1100#		

Driller: L. Blakley

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5398	5403	5	D			90	6	1300	6"	54	5½	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	5400	2 3/4							

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						Drlg. W/6000 lbs. on the bit.
1:00	1:15	¼						Pump survey Down. rig service.
1:15	1:45	½						Pull out 2 stds. "tight."
1:45	2:00	¼						Put on Kelley for 2 singles.
2:00	2:15	¼						Pull 2 stds.
2:15	2:30	¼						Put kelley on for 2 singles.
2:30	4:30	2						Pull out.
4:30	5:30	1						Break down pend. ass. & make up Stiff assembly (Closed blind ram)
5:30	7:30	2						Run in to 4457'
7:30	8:00	½						Clean bridge @ 4457'

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.	4826.35	Ft.
5	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.34	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.00	Ft.
	Total	5404.31	Ft.

Wt. of String: 152,000 Lbs. — Pipe in Hole: Jts. — Pipe on Racks: Jts. — Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 1/4
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker: FALCON — 9
Trucker: ____
Trucker: ____

MUD RECORD

Time	4:00
Weight	9.3
Visc.-Sec.	70
W.L.-C.C.	
FL TR. CK.	
PH	9.5
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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						W.O.P.S, Motor Kills + Rig Service
8:15	4:00							Ream Out Bridges From 4613 To 4780
								Run in 2 stds + 2 singles + Ream From
								5030 To 5092. Run in 3 stds +
								Ream [illegible] From 5331
								To 5341

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
51	Stands D.P.	4795.10	Ft.
2	Singles D.P.	62.58	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O Stb.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	26.36	Ft.
	Total	5420.00	Ft.

Wt. of String: 152,000 Lbs. — Pipe in Hole: 155 Jts. — Pipe on Racks: 202 Jts. — Total Pipe on Lease: 357 Jts.

BIT RECORD

Bit No.	10
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 1/4
Ser. No.	267693
Depth Out	
Depth In	5403
Total Ftg.	17
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	4:00	7:45	11:00
Weight	9.3	9.5	9.3+
Visc.-Sec.	70	70	120
W.L.-C.C.			
FL TR. CK.			
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	[illegible]		
	2300#		

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
5403	5420	17	D		[illegible]	70	15	1300	6"	50	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Service.
4:15	7:15	3						Ream From 5341 To 5403
7:15	12:00	4 3/4						Drlg 6/15,000 on the bit.

No. 7899

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et. Al Pome Keele S. A28

Date: March 4 1972

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

Weather Condition: -20 Road Conditions: good Nearest Town:

Water - Source: lake Camp Distance from Rig: 150 yds.
Miles Hauled: 4 Pumped: Reason for Extra L. Plant: spare.

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R. Blank

Rig No. 2 DWKS 711

Drill Pipe String: No. 2 Size 4½

Tool Joint 6" O.D. Type Thd. FH.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Wisco	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J55.	32.	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	6 1/2	7
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4		1/4
Deviation Survey	1/2	1/2	1/2
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig		3/4	1/2
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	220
Cumulative Ton Mi. or Trips	2715
No. of Days From Spud	24
Cumulative Rotating Hrs.	307 1/2

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.	4888.78	Ft.
2	Singles D.P.	63.10	Ft.
	D.C. 7" I.D. O.D.		
2		61.40	Ft.
	D.C. 6 1/4" I.D. O.D.		
8		247.11	Ft.
2	Stb. Body O.D.	10.78	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	23.87	Ft.
	Total	5303.00	Ft.
	Wt. of String	134,000	Lbs.
	Pipe in Hole	158	Jts.
	Pipe on Racks	199	Jts.
	Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	9	
Size	8 3/4	
Mfg.	Sec.	
Type	M44N	
Nozzle No.	2	
Nozzle Size	13 1/4	
Ser. No.	267701	
Depth Out		
Depth In	5125	
Total Ftg.	178	
Total Hr. Run	24 3/4	
Cond. of Bit	in	
Reamer No.		
Reamer Type		

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

MUD RECORD

	1:00	4:00	7:00
Time			
Weight	9.3	9.2	9.3
Visc.-Sec.	61	60	59
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3400 #		
D.V. 68	1 Gal.		

Driller: O. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5250	5303	53	D			90	6	1300	6"	54	5½	—	S

Deviation Record: Depth 5226 Dev. 4 1/2 Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1						Drlg. W/6000 lbs. on the bit.
1:00	1:15	1/4						Rig service.
1:15	1:45	1/2						Survey @ 5226
1:45	8:00	6 1/4						Drlg. W/6,000 lbs. on the bit.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
53	Stands D.P.	4982.42	Ft.
	Singles D.P.		Ft.
	D.C. 7" I.D. O.D.		
2		61.40	Ft.
	D.C. 6 1/4 I.D. O.D.		
8		247.11	Ft.
2	Stb. Body O.D.	10.78	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	42.00	Ft.
	Total	5351.67	Ft.
	Wt. of String	135,000	Lbs.
	Pipe in Hole	159	Jts.
	Pipe on Racks	198	Jts.
	Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	9	
Size	8 3/4	
Mfg.	Sec	
Type	M44N	
Nozzle No.	2	
Nozzle Size	13 14	
Ser. No.	267701	
Depth Out		
Depth In	5125	
Total Ftg.	226	
Total Hr. Run	31 1/4	
Cond. of Bit	in	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker FALCON 14
Trucker
Trucker

MUD RECORD

	8:15	12:30	3:45
Time			
Weight	9.3	9.2	9.2
Visc.-Sec.	57	59	58
W.L.-C.C.			
FL TR. CK.			
PH		9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3000 LBS		
Caustic	900		

Driller: R Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5303	5351	49	D			90	6000	1300	6"	54	5½	—	S

Deviation Record: Depth 5289 Dev. 3 3/4 Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2 1/2						DRLG 8 3/4 hole W/6000 lbs on BIT.
10:30	10:45	1/4						J Bops, Motor Kills, + Rig Service
10:45	11:15	1/2						Survey @ 5289
11:15	12:00	3/4						Work on Rotary Torque:
12:00	4:00	4						DRLG 8 3/4 hole W/6000 on bit

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
53	Stands D.P.	4982.42	Ft.
2	Singles D.P.	62.41	Ft.
	D.C. 7" I.D. O.D.		
2		61.40	Ft.
	D.C. 6 1/4" I.D. O.D.		
8		247.11	Ft.
2	Stb. Body O.D.	10.78	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	25.92	Ft.
	Total	5398.00	Ft.
	Wt. of String	136,000	Lbs.
	Pipe in Hole	161	Jts.
	Pipe on Racks	196	Jts.
	Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	9	
Size	8 3/4	
Mfg.	Sec	
Type	M44N	
Nozzle No.	2 1	
Nozzle Size	13 14	
Ser. No.	267701	
Depth Out		
Depth In	5125	
Total Ftg.	273	
Total Hr. Run	38 1/4	
Cond. of Bit	in	
Reamer No.		
Reamer Type		

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

MUD RECORD

	4:15	7:45	11:00
Time			
Weight	9.2	9.2	9.2
Visc.-Sec.	59	66	62
W.L.-C.C.			
FL TR. CK.			
PH	9.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3400 #		

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
5351	5398	47	D			90	6	1300	6"	54	5½	—	S

Deviation Record: Depth 5351 Dev. 3 1/8 Direction

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	1/2						Rig Service + Repair Air
4:30	9:00	4 1/2						DRLG 8 3/4 hole W/6000 ON bit
9:00	9:30	1/2						Survey @ 5351
9:30	12:00	2 1/2						Drlg. W/6000 lbs on the bit.

APR 10 1972

No. 7898

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Keele S. — Decalta Et Al. Dome A-28

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

Date: March 3 1972

Weather Condition: -25 | Road Conditions: good | Nearest Town | Water - Source: lake, Miles Hauled: 2, Pumped | Camp Distance from Rig: 150 yds, Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.B. Clark

Rig No.: DWKS 2 | 7-11

Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. FH, 6" O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Lleco	600	16"
2.	Nisco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2½	7¼	7¾
Clean f:11 Running	1		
Conditioning Mud & Circulating			
Trips	3		
Lubricate Rig	¼		¼
Deviation Survey		½	
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig	¾		
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	

CONSERVATION EMERGENCY DEPARTMENT OF THE PROVINCIAL RESOURCES BOARD — APR 10 1972 — CALGARY, ALBERTA

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	220
Cumulative Ton Mi. or Trips	2715
No. of Days From Spud	23
Cumulative Rotating Hrs.	286 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
51	Stands D.P.	4795.10 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
8	D.C. 6¼ I.D. O.D.	247.11 Ft.
2	Stb. Body O.D.	10.78 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~Sub~~ O.B.	4.00 Ft.
	Kelly Down	27.65 Ft.
	Total	5150.00 Ft.
Wt. of String		127,000 Lbs.
Pipe in Hole		153 Jts.
Pipe on Racks		204 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	9
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2
Nozzle Size	13 1/4
Ser. No.	267701
Depth Out	
Depth In	5125
Total Ftg.	25
Total Hr. Run	2½
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

	T	R	I	P
Time	6:00			
Weight	9.3+			
Visc.-Sec.	55			
W.L.-C.C.				
FL TR. CK.				
PH				
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	800 LBS		
DV 68	1 gal		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5125	5150	25	D			90	6	1300	6"	54	5½	—	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig service
12:15	1:00	¾						Repair chain oilers in compound.
1:00	4:00	3						Run in
4:00	4:30	½						Pick up 4 singles.
4:30	5:30	1						Clean 90' of fill to bottom
5:30	8:00	2½						Drlg. W/ 6000 lbs on the bit.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
51	Stands D.P.	4795.10 Ft.
2	Singles D.P.	62.58 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
8	D.C. 6¼ I.D. O.D.	247.11 Ft.
	Stb. Body O.D.	Ft.
2	Stb. Body O.D.	10.78 Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit ~~Sub~~ O.B.	4.00 Ft.
	Kelly Down	15.07 Ft.
	Total	5200.00 Ft.
Wt. of String		132,000 Lbs.
Pipe in Hole		155 Jts.
Pipe on Racks		202 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	9
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267701
Depth Out	
Depth In	5125
Total Ftg.	75
Total Hr. Run	9 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker FALCON 14½
Trucker ____ Trucker ____

MUD RECORD

	8:30	12:30	3:45
Time			
Weight	9.3	9.3	9.3
Visc.-Sec.	50	65	58
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	2500 LBS		
DV 68	5 gal		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5150	5200	50	D			90	6000	1300	6"	52	5½	—	S
						90	6000	1000	6"	—	5½	70	S

Deviation Record: Depth 5164 Dev. 5° Direction ____ | Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:30	1½						DRLG 8¾ hole W/ Pendulum Assembly + 6000 Weight ON Bit
9:30	9:45	¼						✓ Bops, Motor Kills + Rig Service
9:45	2:45	5						DRLG 8¾ hole W/ 6000
2:45	3:15	½						Survey @ 5164
3:15	4:00	¾						DRLG 8¾ hole W/ 6000 Weight

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
52	Stands D.P.	4888.78 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
8	D.C. 6¼ I.D. O.D.	247.11 Ft.
2	Stb. Body O.D.	10.78 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit ~~Sub~~ O.B.	4.00 Ft.
	Kelly Down	33.95 Ft.
	Total	5250.00 Ft.
Wt. of String		132,000 Lbs.
Pipe in Hole		156 Jts.
Pipe on Racks		201 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	9
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	2 1
Nozzle Size	13 14
Ser. No.	267701
Depth Out	
Depth In	5125
Total Ftg.	125
Total Hr. Run	17½
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

	4:00	8:30	11:00
Time			
Weight	9.3	9.3	9.2
Visc.-Sec.	58	65	60
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
DV 68	2 gal.		
GEL	1000 #		

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
5200	5250	50	D			90	6000	1300	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
4:00	4:30	½						DRLG 8¾ hole W/ 6000 Weight ON Bit
4:30	4:45	¼						Rig Service
4:45	12:00	7¼						DRLG 8¾ hole

No. 7897

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Keelé S. Form 6

Lease Well Name: Decalta E. Al Dome A-28

Date: March 2 1972

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

Weather Condition: Clear -20 | Road Condition: good | Nearest Town | Water - Source: lake | Miles Hauled ... | Pumped ... | Camp Distance from Rig 150 Yds. | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 6" O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nisco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8		J 55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	6 1/2	1/4
Reaming			
Conditioning Mud & Circulating			1 1/2
Trips			4 1/4
Lubricate Rig	1/4		1/4
Deviation Survey	1/2		3/4
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig		1/4	1
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	

CONSERVATION ENGINEER — DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT — MAR 10 1972 — ACTING DISTRICT SUPERVISOR — EDMONTON, ALBERTA

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	220
Cumulative Ton Mi. or Trips	2715
No. of Days From Spud	22
Cumulative Rotating Hrs.	269 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
48	Stands D.P.	4514.71 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	714.0 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	16.33 Ft.
	Total	5067.00 Ft.
Wt. of String		144,000 Lbs.
Pipe in Hole		144 Jts.
Pipe on Racks		213 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	315
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	1:15	4:00	7:00
Weight	9.3	9.3+	9.3
Visc.-Sec.	51	55	49
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000#		
DV 68	4 Gal		

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4999	5067	68	D		tough drlg.	85	20	950			5½	70	S
						60	20	1150	6"	52			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	5030	3°							

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	3:15	3						Drlg
3:15	3:45	1/2						Survey @ 5030
3:45	8:00	4 1/4						Drlg.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
48	Stands D.P.	4514.71 Ft.
1	Singles D.P.	31.38 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/o O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	5124.05 Ft.
Wt. of String		145,000 Lbs.
Pipe in Hole		145 Jts.
Pipe on Racks		212 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3/
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	372
Total Hr. Run	36½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON ... Trucker ... Trucker ...

MUD RECORD

Time	8:00	12	4
Weight	9.3	9.3	9.3
Visc.-Sec.	55	52	53
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 LBS		
DV 68	2 gal		

Driller R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5067	5124	57	D			80	25	1150	6"	51	5½	—	—
						60	25	950	6"	-	5½	70	

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						DRLG 8¾ hole
8:30	8:45	1/4						Rig Bops, Motor Kins + Rig Service
8:45	1:30	4 3/4						DRLG 8¾ hole
1:30	2:45	1 1/4						Put in #2 Compound Shaft
2:45	4:00	1 1/4						DRLG 8¾ hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 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.	8
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3/
Nozzle Size	14
Ser. No.	293340
Depth Out	5125
Depth In	4752
Total Ftg.	373
Total Hr. Run	36 3/4
Cond. of Bit	2,4
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

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

MUD RECORD

Time	4:00	6:00	
Weight	9.2	9.3	
Visc.-Sec.	53	57	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	800#		
D.V. 68	3/4 Gal.		

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
5124	5125	1											

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	5092	4¾		5124	5°				

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						Rig Service + Survey @ 5092
4.30	4.45	1/4						DRLG 8¾ hole
4.45	6.00	1 1/4						Circ To Clean Out hole For Survey
6.00	6.30							on Bottom.
6.00	6.30	1/2						Survey @ 5124
6.30	6.45	1/4						Circ Prior To Trip Hole Tight
6.45	7.30	3/4						Pull #3 SDS Put On Kelly Work Out
								2 Singles, Work Next 2 SDS Tight
7:30	11:00	3 1/2						Pull Out.
11:00	12:00	1						Put in #2 + #3 compound chains.

No. 7896

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Decalta F.H. Dome A28

Date: March 1 19 72

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

Weather Condition: Calm -0 | Road Condition: good | Nearest Town | Water - Source: lake, Miles Hauled: 4, Pumped | Camp Distance from Rig: 150 yds, Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Leclerk

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nisco	C-150	12"
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9-5/8		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7	6¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey	½	½	½
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig		¼	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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	115
Cumulative Ton Mi. or Trips	2610
No. of Days From Spud	21
Cumulative Rotating Hrs.	255 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
45	Stands D.P.	4233.16 Ft.
2	Singles D.P.	62.56 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	27.87 Ft.
	Total	4860.00 Ft.
Wt. of String		141,000 Lbs.
Pipe in Hole		137 Jts.
Pipe on Racks		220 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	108
Total Hr. Run	9½
Cond. of Bit	10
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.4	9.3+	9.3+
Visc.-Sec.	48	53	55
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1600 #		
D.V. 68	3½ gals.		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4772	4860	88	D			80	15	1150	6"	52	5½	—	S

Deviation Record: Depth 4811, Dev. 3°, 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						Drlg.
12:30	12:45	¼						Rig service.
12:45	3:30	2 3/4						Drlg
3:30	4:00	½						Survey @ 4811
4:00	8:00	4						Drlg.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
46	Stands D.P.	4327.35 Ft.
1	Singles D.P.	31.35 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	35.34 Ft.
	Total	4930.00 Ft.
Wt. of String		143,000 Lbs.
Pipe in Hole		139 Jts.
Pipe on Racks		218 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	9
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	178
Total Hr. Run	16½
Cond. of Bit	1-N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker I-Alcon 15
Trucker
Trucker

MUD RECORD

Time	5:15	12	4:00
Weight	9.3	9.3	9.3
Visc.-Sec.	70	54	63
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	1000	LBS	
DV 68	2	Gal.	

Driller: R. Leclerk

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	4730	70	D		Rough Drlg.	60	15	950	6"	—	5½	70	
						80	15	950	6"	—	5½	70	

Deviation Record: Depth 4874, Dev. 3°, 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						Drlg 8¾ hole
9:00	9:15	¼						V Rops, Motor Kill + Rig Service
9:15	10:45	1½						Drlg 8¾ hole.
10:45	11:00	¼						Replace Eng gasket on # 2 pump + Tighten Caps
11:00	12:30	1½						Drlg 8¾ hole
12:30	1:00	½						Survey @ 4874
1:00	4:00	3						Drlg 8¾ hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
47	Stands D.P.	4421.08 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	4999.04 Ft.
Wt. of String		143,000 Lbs.
Pipe in Hole		141 Jts.
Pipe on Racks		216 Jts.
Total Pipe on Lease		357 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	247
Total Hr. Run	22 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	8:00		11:00
Weight	9.3		9.3
Visc.-Sec.	47		50
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500#		
D.V. 68	1 gal.		

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
4930	4999	69	D			85	20	1150	6"	52	5½	—	S

Deviation Record: Depth 4967, Dev. 3°, 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						Drlg 8¾ hole
4:30	4:45	¼						Rig Service
4:45	5:45	1						Pull out # 2 Compound Clutch + Shaft
5:45	8:30	2 3/4						Drlg 8¾ hole
8:30	9:00	½						Survey @ 4967
9:00	12:00	3						Drlg.

MAR 10 1972

No. 7895

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome 11-28 | Date: Feb 29 1972

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

Weather Condition: Windy -10 | Road Conditions: Good | Nearest Town | Water - Source: Lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 1350 Yds. | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.A. Clark

Rig No.: DWZS | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. FH, 6" O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	13½	1¼
Clean Pit Running			½
Conditioning Mud & Circulating			
Trips		2½	2¾
Lubricate Rig	¼	Rig	¼
Deviation Survey	¼	¼	
Test B.O.P.		¼	¼
Cut Off Drilling Line			
Repair Rig		1	2
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		Rig	
Other WORKTIGHT HOLE SAFETY		2¼	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8.	8

TIME SUMMARY (Office Use Only)

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

DEPARTMENT OF MINES AND NATURAL RESOURCES — CONSERVATION BRANCH — RECEIVED — MAY 10 1972 — CALGARY, ALBERTA

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	115
Cumulative Ton Mi. or Trips	2610
No. of Days From Spud	20
Cumulative Rotating Hrs.	235 ¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
44	Stands D.P.	4140.28 Ft.
1	Singles D.P.	30.78 Ft.
	D.C.	
3	I.D. O.D.	71.40 Ft.
	D.C.	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	27.98 Ft.
	Total	4735.00 Ft.
Wt. of String	137,000	Lbs.
Pipe in Hole	133	Jts.
Pipe on Racks	224	Jts.
Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	7
Size	8¾
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	734
Total Hr. Run	63½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

	1:00	4:00	7:00
Time			
Weight	9.3	9.3	9.3
Visc.-Sec.	39	43	39
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	150#		
D.V. 68	1½ Gal.		

Driller: L. Blakley

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4642	4735	93	D			80	30	1100	6"	52	5½	-	S

Deviation Record: Depth 4655 | Dev. 2¾ | 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						Drlg.
1:00	1:15	¼						Rig service
1:15	1:30	¼						Survey @ 4655
1:30	8:00	6½						Drlg.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
44	Stands D.P.	4140.28 Ft.
2	Singles D.P.	62.15 Ft.
	D.C.	
3	I.D. O.D.	71.40 Ft.
	D.C.	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.34 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	11.61 Ft.
	Total	4752.00 Ft.
Wt. of String	138,000	Lbs.
Pipe in Hole	134	Jts.
Pipe on Racks	223	Jts.
Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	7
Size	8¾
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	4752
Depth In	4001
Total Ftg.	751
Total Hr. Run	65¼
Cond. of Bit	3 1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 15

Trucker ____ Trucker ____

MUD RECORD

	10.00
Time	
Weight	9.3
Visc.-Sec.	60
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL			
DV-68			

Driller: R. Rutherford

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4735	4752	17	D			80	30	1100	6½	52			

Deviation Record: Depth 4718 | 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	9:15	1 ¼						Drlg 8¾ hole
9:15	9:30	¼						V Bops, Motor Kills + Rig Service
9:30	9:45	¼						Survey @ 4718
9:45	10:15	½						Drlg 8¾ hole
10:15	12:30	2¼						~~Rig~~ Break of Kelly Jt To Pull Out Tight Pick up Kelly Circ, + Circ Two Singles Out, Pull Two Stand Circ 2 More Singles Out + Circ For ½ hr.
12:30	3:00	2½						Pull Out
3:00	4:00	1						Replace Wash Pipe + ~~Blow~~ Packing

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
44	Stands D.P.	4140.28 Ft.
2	Singles D.P.	62.15 Ft.
	D.C. 7"	
3	I.D. O.D.	71.40 Ft.
	D.C. 6¼"	
14	I.D. O.D.	431.21 Ft.
5	Stb. Body ~~O.D.~~	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	33.61 Ft.
	Total	4772.00 Ft.
Wt. of String	139,~~000~~	Lbs.
Pipe in Hole	134	Jts.
Pipe on Racks	223	Jts.
Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	293340
Depth Out	
Depth In	4752
Total Ftg.	20
Total Hr. Run	2¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

	10:00	11:00
Time		
Weight	9.4	9.3
Visc.-Sec.	64	50
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500#		
D.V. 68	1 gal.		

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
4752	4772	20	D			80	15	1200	6"	50	5½	-	S

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						Replace Wash Pipe + Packing
6:00	6:30	½						Change Bits + Blind Rams + Rig Service
6:30	9:15	2¾						Run in.
9:15	9:45	½						Break circ. + clean 30' of fill to bottom.
9:45	12:00	2¼						Drlg.

No. 7894

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Et Al Dome A28 | Date: Feb 28 1972

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

Weather Condition: WINDY 9-12° | Road Conditions: Good | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

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

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clarke

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nsco	C-150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	7	7 1/4
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1/4		1/4
Deviation Survey	1/2	3/4	1/2
Test B.O.P.		1/4	
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	

CONSERVATION EMPLOYEES — MAR 10 1972 — ALBERTA OIL AND GAS CONSERVATION BOARD

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton Mi. or Trips Since Last Cut	20
Cumulative Ton Mi. or Trips	2515
No. of Days From Spud	19
Cumulative Rotating Hrs.	223 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
41	Stands D.P.	3861.44	Ft.
1	Singles D.P.	30.78	Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. 6¼" I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.00	Ft.
	Total	4470.18	Ft.

Wt. of String 132,000 Lbs.
Pipe in Hole 124 Jts.
Pipe on Racks 233 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	469
Total Hr. Run	41 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.2+	9.2+	9.2+
Visc.-Sec.	45	43	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200#		
DV. 68	1 gal		

Driller L. Blakley

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4380	4408	28	D			85	15	1100	6"	53	5½	—	5
4408	4470	62				85	20	1100	6"	53			
		90											

Deviation Record: Depth 4408 — Dev. 3° — 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	2:45	2 1/2						Drlg.
2:45	3:15	1/2						Survey @ 4408
3:15	8:00	4 3/4						Drlg.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	3953.96	Ft.
1	Singles D.P.	31.24	Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. 6¼" I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	34.84	Ft.
	Total	4556.00	Ft.

Wt. of String 135,000 Lbs.
Pipe in Hole 127 Jts.
Pipe on Racks 230 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	555
Total Hr. Run	48 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker FALCON — 10
Trucker ____
Trucker ____

MUD RECORD

Time	8:30	12:15	4:00
Weight	9.3	9.3	9.3
Visc.-Sec.	40	43	44
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 LBS		
DV-68	2 gal		

Driller K. Rutherford

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4470	4556	86	D			85	25	1100	6"	52	5½	—	5
						85	25	850			5½	70	

Deviation Record: Depth 4470 — Dev. 3° — Direction — Depth 4531 — Dev. 2 3/4° — 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	1/4						✓ Bops, Motor Kills + Rig Service.
8:15	8:30	1/4						Survey @ 4470
8:30	1:15	4 3/4						Drlg 8 3/4 hole
1:15	1:45	1/2						Survey @ 4531
1:45	4:00	2 1/4						Drlg 8 3/4 hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
43	Stands D.P.	4046.31	Ft.
1	Singles D.P.	31.23	Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.44	Ft.
	Total	4642.00	Ft.

Wt. of String 136,000 Lbs.
Pipe in Hole 130 Jts.
Pipe on Racks 227 Jts.
Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	641
Total Hr. Run	56
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	4:00	8:00	11:00
Weight	9.3	9.3	9.3
Visc.-Sec.	44	46	41
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000#		
D.V. 68	1 Gal.		

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
4556	4642	86	D			80	25	1100	6"	52	5½	~~2~~	5
						85	30	1100	6"	52			

Deviation Record: Depth 4594 — Dev. 2 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	4:45	3/4						~~Survey~~ Drlg 8 3/4 hole
4:45	5:00	1/4						Rig Service.
5:00	7:45	2 3/4						Drlg 8 3/4 hole
7:45	8:15	1/2						Survey @ 4594
8:15	12:00	3 3/4						Drlg.

No. 7893

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. Al. Dome A.28

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

Date: Feb. 27 1972

Weather Condition: Fair | Road Conditions | Nearest Town | Water - Source: lake | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 150 yds | Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. FH. O.D. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16
2.	Nisco	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		¼
Deviation Survey	½	½	½
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other: Cons. 30000 Check		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			
No. Stands			
Total Day Work			

ALBERTA ENERGY RESOURCES CONSERVATION BOARD — COMPUTER PROCESSING — DRILLING DIVISION — WELL NUMBER — MAR 3 - 1972

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	
Ton. Mi. or Trips Since Last Cut	20
Cumulative Ton Mi. or Trips	2515
No. of Days From Spud	18
Cumulative Rotating Hrs.	202 ¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
39	Stands D.P.	3674.00 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	15.98 Ft.
	Total	4226.00 Ft.

Wt. of String 130,000 Lbs.

Pipe in Hole 117 Jts.

Pipe on Racks 240 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	225
Total Hr. Run	20¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.2	9.2	9.2
Visc.-Sec.	38	44	41
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	1000#		
D.V. 68	1 Gal.		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4150	4158	8	D			86	15	1100	6"	54	5½	—	S
4158	4226	68				88	12	1100	6"	54			
		76											

Deviation Record: Depth 4158 Dev. 3° Direction | Depth 4220 Dev. 3 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						Drlg.
12:30	1:00	½						Survey @ 4158: rig service.
1:00	7:00	6						Drlg. W/12,000 weight on the bit.
7:00	7:15	¼						Survey @ 4220.
7:15	8:00	¾						Drlg.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
39	Stands D.P.	3674.00 Ft.
2	Singles D.P.	62.39 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	30.54 Ft.
	Total	4303.00 Ft.

Wt. of String 132,000 Lbs.

Pipe in Hole 119 Jts.

Pipe on Racks 238 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	302
Total Hr. Run	27¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges: Trucker FALCON — Reg. Hrs. 14 — O.T. Hrs. ____ Trucker ____ Trucker ____

MUD RECORD

Time	8:00	12:15	4:00
Weight	9.2	9.2	9.2
Visc.-Sec.	41	40	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 LBS		
DV-68	1 gal		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4226	4303	77	D			85	15	1100	6"	54	5½	—	S
						85	15	850	6"	—	5½	70	S

Deviation Record: Depth 4283 Dev. 2¾° 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						DRLG. 8¾ hole
10:00	10:15	¼						✓ BOPs, Motor Kills + Rig Service.
10:15	1:00	2¾						DRLG 8¾ hole
1:00	1:15	¼						Conservation Board Check.
1:15	1:30	¼						DRLG 8¾ hole
1:30	2:00	½						Survey @ 4283
2:00	4:00	2						DRLG 8¾ hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
40	Stands D.P.	3767.82 Ft.
2	Singles D.P.	62.27 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O ~~O.D.~~	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	13.95 Ft.
	Total	4380.00 Ft.

Wt. of String 132,000 Lbs.

Pipe in Hole 122 Jts.

Pipe on Racks 235 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270 181
Depth Out	
Depth In	4001
Total Ftg.	379
Total Hr. Run	34½
Cond. of Bit	in
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	4:00	8:00	11:00
Weight	9.2	9.2	9.2
Visc.-Sec.	42	42	39
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000#		
D.V. 68	1 gal.		

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
4303	4380	77	D			85	15	1100	6"	54	5½	—	S

Deviation Record: Depth 4345 Dev. 3° 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						DRLG 8¾ hole
5:00	5:15	¼						Rig Service
5:15	8:00	2¾						DRLG. 8¾ hole
8:00	8:30	½						Survey @ 4345
8:30	12:00	3½						Drlg.

No. 7892

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Decalta Ft. Mc. Dome A28

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

Date: Feb. 26 1972

Weather Condition: mild + clear Road Conditions: Nearest Town: Water - Source: lake Miles Hauled: 4 Pumped: Camp Distance from Rig: 150 yds Reason for Extra L. Plant: spare

OPERATOR: Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Selonk

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2 Size 4½

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

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	600	16"
2.	Nseco	C-150	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8		J55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3 1/4	5 3/4	7 1/4
Reaming 1 Bit & Circ		1/2	
Conditioning Mud & Circulating			
Trips	2 1/2	1 1/4	
Lubricate Rig	1/4		1/4
Deviation Survey		1/4	1/2
Test B.O.P.		1/4	
Cut Off Drilling Line	2		
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. W/ODP	
Hrs. Stan	
Total Day Work	

MAR 3 - 1972 — Machinery & Engineering Division — Conservation & Safety Branch — Alberta Energy Resources Conservation Board

WIRE LINE RECORD

Reel No.	5
No. of Lines	8
Size	1 1/8
Feet Slipped	645
Feet Cut Off	645
Present Length	?
Ton Mi. or Trips Since Last Cut	20
Cumulative Ton Mi. or Trips	2515
No. of Days From Spud	17
Cumulative Rotating Hrs.	180 3/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
36	Stands D.P.	3392.59	Ft.
1	Singles D.P.	31.36	Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. 6¼" I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.80	Ft.
	Total	4001.91	Ft.

Wt. of String 126,000 Lbs.

Pipe in Hole 109 Jts.

Pipe on Racks 248 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	6
Size	8 3/4
Mfg.	Murphy
Type	5516
Nozzle No.	3
Nozzle Size	14
Ser. No.	673292
Depth Out	4001
Depth In	3770
Total Ftg.	231
Total Hr. Run	24 3/4
Cond. of Bit	2,1,1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	12:00	3:00	T
Weight	9.2+	9.2+	R
Visc.-Sec.	42	45	I
W.L.-C.C.			P
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000#		
DV. 68	1 gal		

Driller: L. Blakley

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3977	4001	24	D			76	25	1100	6"	54	5½	—	S

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig service
12:15	3:30	3 1/4						Drlg.
3:30	5:00	1 3/4						Pull out: close blind rams
5:00	6:00	1						Run collars in
6:00	8:00	2						Cut + slip 49' of drlg. line.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
37	Stands D.P.	3486.16	Ft.
	Singles D.P.		Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. 6¼" I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	42.00	Ft.
	Total	4064.12	Ft.

Wt. of String 128,000 Lbs.

Pipe in Hole 111 Jts.

Pipe on Racks 246 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	63
Total Hr. Run	5 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 13 Trucker ___ Trucker ___

MUD RECORD

Time	10:15	12:30	4:00
Weight	9.2	9.2	9.2
Visc.-Sec.	40	43	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 LBS		
DV-68	1 gal		

Driller: R. Rutherford

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
4001	4064	63	D			60	25	1100	6"	53			
						80	15	825	"	—	5½	70	

Deviation Record: Depth 4033 / Dev. 3° / 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						√ Bops, Motor Kills + Rig Service.
8:15	9:30	1 1/4						Run in W/Bit #7
9:30	10:00	1/2						Break Circ + Clean 10' Fill To Bottom
10:00	12:45	2 3/4						Drlg 8 3/4 hole
12:15	1:00	1/4						Survey @ 4033
1:00	4:00	3						Drlg 8 3/4 hole

Put C-150 on hole For 1 Single
Worked OKAY

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
38	Stands D.P.	3580.22	Ft.
	Singles D.P.		Ft.
	D.C. 7" I.D. O.D.		
3		71.40	Ft.
	D.C. 6¼" I.D. O.D.		
14		431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	33.82	Ft.
	Total	4150.00	Ft.

Wt. of String 128000 Lbs.

Pipe in Hole 114 Jts.

Pipe on Racks 243 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	Sec
Type	M44N
Nozzle No.	3/
Nozzle Size	14
Ser. No.	270181
Depth Out	
Depth In	4001
Total Ftg.	149
Total Hr. Run	13
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	4:00	8:00	11:00
Weight	9.2	9.2	9.2
Visc.-Sec.	40	45	41
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000#		
D.V. 68	1 Gal.		

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
4064	4150	86	D			80	15	1100	6"	53	5½	—	S

Deviation Record: Depth 4095 / Dev. 2¾° / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Service
4:15	7:00	2 3/4						Drlg 8 3/4 hole
7:00	7:30	1/2						Survey @ 4095
7:30	12:00	4 1/2						Drlg.

No. 7891

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA PLATFORM A-28 | Date: FEB 25 1972

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

Weather Condition: 50 MPH WIND | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 1000'S | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

Rig No. 2 | DWKS 7-71

Drill Pipe String: No. 5 Size 4½ | Tool Joint: Type Thd. FH, 6¼ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.K. Leland.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-150B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾	7¼	7½
Reaming			
Conditioning Mud & Circulating			
Trips	1		
Lubricate Rig	¼		¼
Deviation Survey		¾	¼
Test B.O.P.		¼	
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. Drlg. DP	Hrs. Drlg. DC	Hrs. Surveys

Total Day Work

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1 1/16
Feet Slipped	596
Feet Cut Off	596
Present Length	351
Ton Mi. or Trips Since Last Cut	351
Cumulative Ton Mi. or Trips	2455
No. of Days From Spud	16
Cumulative Rotating Hrs.	164½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
34	Stands D.P.		Ft.
2	Singles D.P.	32.73	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼" I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
1	X/O C.B.	3.96	Ft.
	Kelly Down	36.66	Ft.
	Total	3840	Ft.

Wt. of String 120,000 Lbs.

Pipe in Hole 104 Jts.

Pipe on Racks ____ Jts.

Total Pipe on Lease ____ Jts.

BIT RECORD

Bit No.	6
Size	MURPH 8¾
Mfg.	
Type	55 16
Nozzle No.	3
Nozzle Size	14
Ser. No.	673292
Depth Out	
Depth In	3770
Total Ftg.	70
Total Hr. Run	6¾
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1:30	3:30	7:00
Weight	9.2	9.2	9.1+
Visc.-Sec.	39	33	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	100 lbs		
DV68	2 gals		

Driller: A. Jamieson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3770	3840	70	D			80	15	1100	6	55			S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SER.
12:15	1:00	¾						TRIP — BLIND RAMS.
1:00	7:30	6¾						DRLG

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
35	Stands D.P.	3298.74	Ft.
2	Singles D.P.	62.75	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O C.B.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	14.55	Ft.
	Total	3912.00	Ft.

Wt. of String 122,000 Lbs.

Pipe in Hole 107 Jts.

Pipe on Racks 250 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	6
Size	8¾
Mfg.	Murphy
Type	55 16
Nozzle No.	3
Nozzle Size	14
Ser. No.	673292
Depth Out	
Depth In	3770
Total Ftg.	142
Total Hr. Run	14
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON — 12 — ____

Trucker ____ Trucker ____

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.2	9.2	9.2
Visc.-Sec.	38	41	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	150 #		
D.V. 68	1 Gal.		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3840	3912	72	D			85	15	1100	6"	55	5½	70	S

Deviation Record: Depth 3845 Dev. 2¾ Direction ____ | Depth 3908 Dev. 2¾ 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						J BOP's + motor shut-offs ok: rig service
8:15	8:30	¼						Survey @ 3845
8:30	3:00	6½						Drlg.
3:00	3:15	¼						Survey @ 3908
3:15	4:00	¾						Drlg.

Put C-150 on the hole for 1 hr. worked ok.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
36	Stands D.P.	3392.59	Ft.
1	Singles D.P.	31.36	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
14	D.C. 6¼ I.D. O.D.	431.21	Ft.
5	Stb. Body O.D.	29.34	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O C.B.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String 126,000 Lbs.

Pipe in Hole 109 Jts.

Pipe on Racks 248 Jts.

Total Pipe on Lease 357 Jts.

BIT RECORD

Bit No.	6
Size	8¾
Mfg.	Murphy
Type	55 16
Nozzle No.	3/14
Nozzle Size	
Ser. No.	673292
Depth Out	
Depth In	3770
Total Ftg.	207
Total Hr. Run	21½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	4:30	8:30	11:00
Weight	9.2	9.1	9.2
Visc.-Sec.	36	40	40
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 LBS		
DV 68	2 gal.		

Driller: R. Rutherford

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3912	3977	65	D			80	15	1100	6"	54	5½	—	S
					Rough DRLG	55	20	1100	6"	54			
						85	25	1100	6"	54			

Deviation Record: Depth 3970 Dev. 2¾° 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	1¼						Rig Service
4:15	11:00	6¾						DRLG 8¾ hole
11:00	11:15	1¼						Survey @ 3970
11:15	12:00	¾						DRLG 8¾ hole

No. 7890

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME KEELE A-20

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

Date: FEB 24 1972

Weather Condition: WINDY MILD | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE, Miles Hauled: 4, Pumped | Camp Distance from Rig: 100 YDS, Reason for Extra L. Plant: 5 MILE.

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Blair

Rig No. 2 | DWKS 7-11 | Drill Pipe String: No. ___ Size 4½ | Tool Joint 6¼ O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	6CO	16
2.	NSCO	C150B	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝		J55	32	2027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	7½	5
Reaming			—
Conditioning Mud & Circulating			
Trips			2½
Lubricate Rig	¼		
Deviation Survey	¼	¼	¾
Test B.O.P.		¼	
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. W/O DP			
Hrs. Standby			
Total Day Work			

RECEIVED MAR 3 1972 — CALGARY, ALBERTA — CONSERVATION DIVISION — PETROLEUM ENGINEERING BRANCH

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1⅛
Feet Slipped	296
Feet Cut Off	596
Present Length	
Ton Mi. or Trips Since Last Cut	351
Cumulative Ton Mi. or Trips	2455
No. of Days From Spud	15
Cumulative Rotating Hrs.	143

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
32	Stands D.P.	Ft.
1	Singles D.P.	3049.15 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼ I.D. 6.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.89 Ft.
	Total	3620.00 Ft.
Wt. of String	118,000	Lbs.
Pipe in Hole	97	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	5
Size	8¾
Mfg.	SEC
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	248943
Depth Out	
Depth In	3200
Total Ftg.	420
Total Hr. Run	21
Cond. of Bit	IN
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.1+	9.1+	9.1+
Visc.-Sec.	36	33	32
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500 lbs		
D1166	1 gal		

Driller: A. Zajac

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3490	3620	130	D			80	15	1100	6	54			S

Deviation Record: Depth 3595 — Dev. 2¾ — 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						S.J. SEC.
12:15	5:15	5						DRILL.
5:15	5:30	¼						SURVEY 3595 2¾°
5:30	8:00	2½						DRILL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
33	Stands D.P.	3111.49 Ft.
1	Singles D.P.	31.18 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	35.37 Ft.
	Total	3714.00 Ft.
Wt. of String	120,000	Lbs.
Pipe in Hole	100	Jts.
Pipe on Racks	257	Jts.
Total Pipe on Lease	357	Jts.

BIT RECORD

Bit No.	5
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	248943
Depth Out	3700
Depth In	3200
Total Ftg.	514
Total Hr. Run	28½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 10 — O.T. Hrs.
Trucker Falcon ___ Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:00
Weight	9.1+	9.1+	9.1+
Visc.-Sec.	37	36	35
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400 #		
D.V. 681	1 GAL.		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3620	3714	94	D			84	15	1100	6"	55	5½	68	—

Deviation Record: Depth 3658 — Dev. 2¼ — 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						Bops trip service.
8:15	10:45	2½						Drlg.
10:45	11:00	¼						Survey @ 3658: 2¼°
11:00	4:00	5						Drlg.
								Put C-150 on the hole for 1 hr: worked ok!

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
34	Stands D.P.	3204.98 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	29.06 Ft.
	Total	3700 Ft.
Wt. of String	120,000	Lbs.
Pipe in Hole	102	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No	5
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3
Nozzle Size	14
Ser. No.	248943
Depth Out	3770
Depth In	3200
Total Ftg.	570
Total Hr. Run	33½
Cond. of Bit	3-1-1
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	5:00	8:00	
Weight	9.2	9.2	
Visc.-Sec.	37	34	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	9400 lbs		
D168	2 gal		

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
3714	3770	56	D			80	15	1100	6"	55	5½	—	S

Deviation Record: Depth 3720 — 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	4:30	½						Drlg.
4:30	5:00	½						Survey @ 3720 trip service.
5:00	9:30	4½						Drlg.
9:30	9:45	¼						SURVEY 3700 2½°
9:45	12:00	2¼						TRIP

No. 7889

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ELAN DOME KEELE S. A-28

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

Date FEB 23 1972

Weather Condition -10° - +20° mild | Road Conditions Good | Nearest Town | Water - Source LAKE | Miles Hauled 4 | Pumped | Camp Distance from Rig 100/105 | Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lelacki

Rig No. 2 DWKS 1-11

Drill Pipe String: No. 5, Size 4½, Type Thd. F.H.

Tool Joint 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	660	16
2.	NSCO	C-150B	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8		J 55	32	1027	13.63	1020	
TUBING OR LINER								

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			7¼
Drilling Actual	6	6¼	
Reaming			
Conditioning Mud & Circulating			
Trips	1¾	1¼	
Lubricate Rig	¼		¼
Deviation Survey	¼	¼	¾
Test B.O.P.		¼	
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. 5

No. of Lines 8 Size 1/2

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 379

Cumulative Ton Mi. or Trips 2483

No. of Days From Spud 15

Cumulative Rotating Hrs. 123

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
28	Stands D.P.	2640.91 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs W/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	23.13 Ft.
	Total	3200 Ft.
	Wt. of String	110,000 Lbs.
	Pipe in Hole	84 Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	SMITH
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HS272
Depth Out	
Depth In	2780
Total Ftg.	420
Total Hr. Run	31¼
Cond. of Bit	5-2-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1:	3:30	6:00
Weight	9.1+	9.1	9.1+
Visc.-Sec.	37	33	34
W.L.-C.C.			
FL TR. CK.			
PH	10	9.0	9.2
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	23 sacks		
DV-68	2 gals		

Driller A. Zamzow

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3125	3200	75	D			80	15	1100	6	54			S

Deviation Record: Depth 3200 — Dev. 2¾ — 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 Ser.
12:15	6:15	6						Drill
6:15	6:30	¼						Survey 3200 2¾
6:30	8:00	1½						Pull out.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
29	Stands D.P.	2735.47 Ft.
1	Singles D.P.	31.53 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs W/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	37.08 Ft.
	Total	3340.00 Ft.
	Wt. of String	112,000 Lbs.
	Pipe in Hole	88 Jts.
	Pipe on Racks	269 Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	5
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3/14
Nozzle Size	
Ser. No.	248943
Depth Out	
Depth In	3200
Total Ftg.	140
Total Hr. Run	6¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 10

Trucker

Trucker

MUD RECORD

Time	10:30	12:00	3:00
Weight	9.2+	9.2	9.2
Visc.-Sec.	40	37	36
W.L.-C.C.			
FL TR. CK.			
PH	8.0		7.6
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 #		
DV-68	1 gal.		

Driller L. Bleckley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3200	3340	140	D			90	15	1100	6"	54	5½	69	S

Deviation Record: Depth 3280 — Dev. 2¾ — 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 & J Bolt: Closed blind rams:
8:15	9:30	1¼						Run in to bottom.
9:30	1:00	3½						Drlg. W/15,000 on the bit.
1:00	1:15	¼						Survey @ 3280' 2¾
1:15	4:00	2¾						Drlg.

Put C-150 on the hole for 1 hr. Worked OK!

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
31	Stands D.P.	2923.74 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs W/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	30.04 Ft.
	Total	3491.00 Ft.
	Wt. of String	114,000 Lbs.
	Pipe in Hole	93 Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	357 Jts.

BIT RECORD

Bit No.	5
Size	8¾
Mfg.	Sec.
Type	M44N
Nozzle No.	3/14
Nozzle Size	
Ser. No.	248943
Depth Out	
Depth In	3200
Total Ftg.	290
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	5:00	5:00	11:00
Weight	9.1+	9.1+	9.1+
Visc.-Sec.	34	35	38
W.L.-C.C.			
FL TR. CK.			
PH		8.0	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1100		
DV-68	1 gal		

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
3340	3490	150	D			85	15	1100	6"	54	5½	-	S

Deviation Record: Depth 3376 — Dev. 2¾° — Direction — Depth 3469 — Dev. 2¼

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						Drlg.
4:15	4:30	¼						Rig service.
4:30	6:00	1½						Drlg.
6:00	6:15	¼						Survey @ 3376' 2¾°
6:15	10:45	4½						Drlg.
10:45	11:00	¼						Survey 3469 2¼°
11:00	2:00	3						Drill

WESTERN OIL FIELDS LTD. CONSERVATION ENGINEER YELLOWKNIFE, N.W.T. FEB 29 1972

No. 7888

GUTHRIE, [illegible] AREN
No. [illegible]

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL ALDOME KEELES A-28 | Date: FEB 22 19 72

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

Weather Condition: +5 +10 | Road Conditions: GOOD | Nearest Town: L2 | Water - Source: LAKE | Miles Hauled: 4 | Pumped: ___ | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: CAMP

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 3, Size 4½

Tool Joint: Type Tbd. 5¾ O.D. F.H

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDCO	600	16
2.	NSCO	C-150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J 55	32	1027	13.00	1020'	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve.
Rig Up & Tear Down			
Drilling Actual	7¼	7¼	7½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey	¼	¼	½
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		¼	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. 5

No. of Lines 8 Size 1⅛

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 323

Cum. Ton Mi. or Trips 2427

No. of Days From Spud 14

Cumulative Rotating Hrs. 103 ½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
25	Stands D.P.	Ft.
1	Singles D.P.	2389.38 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼ I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	14. Ft.
	Total	2940 Ft.

Wt. of String 110,000 Lbs.

Pipe in Hole 76 Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	SMITH
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HS.272
Depth Out	
Depth In	2780
Total Ftg.	160
Total Hr. Run	10½
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	9.1	9.2	9.1+
Visc.-Sec.	33	36	37
W.L.-C.C.			
FL TR. CK.			
PH	8.5	8.0	8.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400 lbs		
DV-68	1 gals		

Driller Q. Jorgensen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2835	2940	105	D			80	15	1200	6"	52			S
							20						

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2873	3°		2936	2¼				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼						Rig Ser
12¹⁵	2¹⁵	2						Drill
2¹⁵	2³⁰	¼						Survey 2873 3°
2³⁰	7³⁰	5						Drill
7³⁰	7⁴⁵	¼						Survey 2936 2¼°
7⁴⁵	8⁰⁰	¼						Drill

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
26	Stands D.P.	2452.06 Ft.
1	Singles D.P.	31.55 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	20.43 Ft.
	Total	3040.00 Ft.

Wt. of String 110,000 Lbs.

Pipe in Hole 79 Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HS.272
Depth Out	
Depth In	2780
Total Ftg.	260
Total Hr. Run	17¾
Cond. of Bit	1D
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. 15 — O.T. Hrs.

Trucker FALCON ___ Trucker ___ Trucker ___

MUD RECORD

Time	9.00	12:00	3:00
Weight	9.1+	9.1+	9.2
Visc.-Sec.	37	35	38
W.L.-C.C.			
FL TR. CK.			
PH	8.0		8.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 #		
DV-68	1 gal		

Driller C. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2940	3040	100	D			80	20	1200	6"	56	5½	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2998	2½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:45	1¾						Drlg.
9:45	10:00	¼						Bops. + rig service.
10:00	12:15	2¼						Drlg.
12:15	12:30	¼						Work on airline
12:30	12:45	¼						Survey @ 2998: 2°
12:45	4:00	3¼						Drlg.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
27	Stands D.P.	Ft.
1	Singles D.P.	2578.00 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
14	D.C. 6¼" I.D. O.D.	431.21 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	11. Ft.
	Total	3125 Ft.

Wt. of String 110,000 Lbs.

Pipe in Hole 82. Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HS272
Depth Out	
Depth In	2780
Total Ftg.	345
Total Hr. Run	25¼
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	9.1+	9.1+	9.1+
Visc.-Sec.	36	33	38
W.L.-C.C.			
FL TR. CK.			
PH	8.0	4.	4.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200 lbs		
DV-68	1 gal		

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
3040	3125	85	D			80	15	1100	6"	54	5½	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	3061	2⅞		3124	2¾				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½						Drlg.
5:30	5:45	¼						Survey + rig service.
5:45	10:45	5						Drlg. W/ 15,000 weight
10⁴⁵	11⁰⁰	¼						SURVEY 3124 2¾
11⁰⁰	12⁰⁰	1						DRILL

ALBERTA OIL & GAS CONSERVATION BOARD
CALGARY, ALBERTA
FEB 29 1972

No. 7887

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA EL AL DOME B-26 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: FEB 21 1972

Weather Condition: O & -25 | Road Conditions: GOOD | Nearest Town | Water - Source: 2 ARE | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100-105 | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Blank

Rig No. 2 | DWKS 7-11 | Drill Pipe String: No. ___ Size ___ | Tool Joint 5 3/4 O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150B	12
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
	9 5/8		J 55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/2	4 1/4	3 3/4
Reaming			
Conditioning Mud & Circulating			
Trips		2 1/4	1
Lubricate Rig	1/4		
Deviation Survey	1/4	1/2	
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig			3 1/2
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		3/4	
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. 5

No. of Lines 8 Size 7/8

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 323

Cumulative Ton Mi. or Trips 2427

No. of Days From Spud 13

Cumulative Rotating Hrs. 81 1/2

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
23	Stands D.P.	Ft.	Bit No.	3
1	Singles D.P.	2200.58 Ft.	Size	8 3/4
3	D.C. 7" I.D. O.D.	71.40 Ft.	Mfg.	Smith
			Type	SDGH
12	D.C. 6 1/4 I.D. O.D.	370.08 Ft.	Nozzle No.	3
			Nozzle Size	13
5	Stb. Body O.D.	29.39 Ft.	Ser. No.	HN883
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	2280
1	Sub 6 5/8 O.D.	3.96 Ft.	Total Ftg.	480
	Bit or C.B.	Ft.	Total Hr. Run	20
	Kelly Down	24.54 Ft.	Cond. of Bit	IN
	Total	2760 Ft.	Reamer No.	
Wt. of String	82,000 Lbs.		Reamer Type	
Pipe in Hole	70 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	Jts.		Trucker	
Total Pipe on Lease	Jts.		Trucker	
			Trucker	

MUD RECORD

Time	1.00	4.00	6.00
Weight	9.2	9.2	9.2+
Visc.-Sec.	36	33	34
W.L.-C.C.			
FL TR. CK.			
PH	10.	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2100 lbs		
D1068	2 gals		

Driller: A. Thompson

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
24	Stands D.P.	2263.56 Ft.	Bit No.	3
	Singles D.P.	Ft.	Size	8 3/4
3	D.C. 7" I.D. O.D.	71.40 Ft.	Mfg.	Smith
			Type	SDGH
12	D.C. 6 1/4" I.D. O.D.	370.08 Ft.	Nozzle No.	3
			Nozzle Size	13
5	Stb. Body O.D.	29.39 Ft.	Ser. No.	HN.883
	Stb. Body O.D.	Ft.	Depth Out	2780
	Rmr. Body O.D.	Ft.	Depth In	2280
1	Sub X/O O.D.	3.96 Ft.	Total Ftg.	500
	Bit or C.B.	Ft.	Total Hr. Run	24 1/4
	Kelly Down	42.00 Ft.	Cond. of Bit	2,1,1
	Total	2780.39 Ft.	Reamer No.	
Wt. of String	83,000 Lbs.		Reamer Type	
Pipe in Hole	72 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	Jts.		Trucker	FALCON 10
Total Pipe on Lease	Jts.		Trucker	
			Trucker	

MUD RECORD

Time	9.00	12.00	3.00
Weight	9.2+	9.1+	
Visc.-Sec.	37	38	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2100 #		
D-V. 68	2 Gal.		

Driller: L. Blakley

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
24	Stands D.P.	2263.56 Ft.	Bit No.	4
	Singles D.P.	Ft.	Size	8 3/4
3	D.C. 7" I.D. O.D.	71.40 Ft.	Mfg.	SMITH
			Type	SDGH
14	D.C. 6 1/4" I.D. O.D.	431.21 Ft.	Nozzle No.	3
			Nozzle Size	13
5	Stb. Body O.D.	29.39 Ft.	Ser. No.	HS.272
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	2780
1	Sub X/O O.D.	3.96 Ft.	Total Ftg.	55
	Bit or C.B.	Ft.	Total Hr. Run	3 1/4
	Kelly Down	35.48 Ft.	Cond. of Bit	
	Total	2835 Ft.	Reamer No.	
Wt. of String	105 Lbs.		Reamer Type	
Pipe in Hole	72 Jts.		Water Charges	Reg. Hrs. O.T. Hrs.
Pipe on Racks	Jts.		Trucker	
Total Pipe on Lease	Jts.		Trucker	
			Trucker	

MUD RECORD

Time		9.00	11.00
Weight		9.2+	9.2
Visc.-Sec.		41	37
W.L.-C.C.			
FL TR. CK.			
PH		8.5	8.5
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
2540	2700	160	D			80	30	1300	6"	58			S

Deviation Record: Depth 2560 | Dev. 2° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4						R.U SER.
12 15	1 15	1						DRILL
1 15	1 30	1/4						SURVEY 2560 2°
1 30	8 00	6 1/2						DRILL

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2700	2780	80	D			80	30	1300	6"	58	5 1/2	-	S

Deviation Record: Depth 2717 | Dev. 2° | Direction | Depth 2748 | Dev. 2 7/8 | 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	8:45	3/4						Drlg.
8:45	9:00	1/4						✓ BOPs + rig service
9:00	9:15	1/4						Survey @ 2717: 2°
9:15	12:45	3 1/2						Drlg.
12:45	1:00	1/4						Dropped survey
1:00	1:30	1/2						Pull out
1:30	2:00	1/2						Put kelley on + work tight hole.
2:00	2:30	1/2						Pull out
2:30	2:45	1/4						Put kelley on + work tight hole.
2:45	3:15	1/2						Pull out + change bits
3:15	4:00	3/4						Run in Collars + pickup two collars.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2780	2835	55	D			80	15	12	6	52			S

Deviation Record: Depth 2810 | Dev. 2 1/2 | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:30	3 1/2						Work on airlines + working on compound: bearing gone in #2 compound:
7:30	8:30	1						Run pipe in.
8:30	11:00	2 1/2						DRILL
11.00	11.15	1/4						SURVEY
11.15	12.00	3/4						DRILLING

APPROVED UNDER THE PROVISIONS OF THE OIL AND GAS CONSERVATION ACT
DEPUTY DIRECTOR
FEB 29 1972
OIL AND GAS CONSERVATION BOARD

No. 7886

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ELAL DOME KEELE A-28 — Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. — Date FEB 20 1972

Weather Condition -35 — Road Conditions GOOD — Nearest Town ___ — Water - Source LAKE — Miles Hauled 4 — Pumped ___ — Camp Distance from Rig 1000'S — Reason for Extra L. Plant SPACE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lelark

Rig No. DWKS 7-11 — Drill Pipe String No. 2 Size 4½ — Tool Joint 4½ O.D. — Type Tbd. 5¾

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NUSCO	C-150B	12
3.			

	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9⅝		55	32	1027	13.00	1020	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling, Actual		5	7½
Reaming			
Conditioning Mud & Circulating			
Trips		1¼	
Lubricate Rig			¼
Deviation Survey		¼	¼
Test B.O.P.	¼	¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		1¼	
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. 5

No. of Lines 8 — Size 1⅛

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 270

Cumulative Ton Mi. or Trips 9374

No. of Days From Spud 12

Cumulative Rotating Hrs. 66½

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 ___ Jts.

Trucker ___ Jts.

Trucker ___ Jts.

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. Jonsson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	¼					RIG SER.
12:15	1:00	¾	¾					PULL OUT.
1:00	3:45	2¾						WORK ON TESTING TOOLS.
3:45	5:00	1¼						RUN IN
5:00	6:00	1						SET PACKER MISS RUN.
6:00	7:00	1						PULL OUT
7:00	8:00	1						LAY DOWN PACKER.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
20	Stands D.P.	1886.19 Ft.
	Singles D.P.	Ft.
2	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6¼" I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	2403.02 Ft.
Wt. of String	80,000	Lbs.
Pipe in Hole	60	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	3
Size	8¾
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN883
Depth Out	
Depth In	2280
Total Ftg.	123
Total Hr. Run	5
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 13

Trucker ___

Trucker ___

MUD RECORD

Time	11:00	1:00	3:00
Weight	9.2	9.2	9.2
Visc.-Sec.	42	37	38
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
D.V 68	3 GAL.		
GEL	900		

Driller L. Blakley

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2403	123	D			70	25	1300	6"	58	5½	-	S

Deviation Record — Depth 2340 — 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
8:00	8:15	¼						✓ BOPs, trip service
8:15	9:30	1¼						Lay down testing tools.
9:30	10:45	1¼						Run in with bit #3
10:45	1:00	2¼						Drlg.
1:00	1:15	¼						Survey @ 2340 2°
1:15	4:00	2¾						Drlg.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
21	Stands D.P.	Ft.
2	Singles D.P.	2043.50 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6¼" I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	21.67 Ft.
	Total	2540. Ft.
Wt. of String	80,000	Lbs.
Pipe in Hole	65	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	3
Size	8¾
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN883
Depth Out	
Depth In	2280
Total Ftg.	252
Total Hr. Run	12½
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	5:00	8:00	11.00
Weight	9.2	9.2	9.2
Visc.-Sec.	37	35	38
W.L.-C.C.			
FL TR. CK.			
PH		10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200 lbs		
DV 69	1 gal.		

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
2403	2540	137	D			80	25	1300	6"	58	5½	-	S

Deviation Record — Depth 2434 — Dev. 2° — Direction — Depth — Dev. — Direction — Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig service.
4:15	6:00	1¾						Drlg.
6:00	6:15	¼						Survey @ 2434: 2°
6:15	12:00	5¾						Drlg.

CONSERVATION ENGINEER
FEB 29 1972
CALGARY, ALBERTA

No. 7885

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ELALDONE MEELE S. 4-28 Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date FEB 19 1972

Weather Condition -30 Road Conditions GOOD Nearest Town

Water - Source LAKE Miles Hauled 24 Pumped ____ Camp Distance from Rig 100 YDS Reason for Extra L. Plant STAKE

OPERATOR WESTERN DECALTA.

Rig No. 2 DWKS 7-11 | 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 O.R. Selak.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks
9⅝		J55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	9¼	
Reaming			
Conditioning Mud & Circulating		1	
Trips		4½	2
Lubricate Rig	¼		¼
Deviation Survey	¼		
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			5¾
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.

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 11

Cumulative Rotating Hrs. 54

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.	1728.87	Ft.
	Singles D.P.		Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
12	D.C. 6¼" I.D. O.D.	370.08	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	36-30	Ft.
	Total	2240	Ft.
Wt. of String	180		Lbs.
Pipe in Hole	54		Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	SMITH
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN909
Depth Out	
Depth In	1836
Total Ftg.	404
Total Hr. Run	18
Cond. of Bit	ID
Reamer No.	
Reamer Type	

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

MUD RECORD

Time	1.00	4.00	7.00
Weight	9.2	9.1+	9.1
Visc.-Sec.	35	37	33
W.L.-C.C.			
FL TR. CK.			
PH	9.0	11.	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500 lbs		
Caustic	100 lbs		
DV-68	2 GAL		

Driller O. Jonsson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2088	2240	152	D			80	25	1300	6"	58			S

Deviation Record: Depth 2150 | Dev. 2 | Direction | Depth 2214 | Dev. 2° | 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 Ser.
12:15	3:15	3						Drill
3:15	3:30	¼						Survey 2150 2°
3:30	6:30	3						Drill
6:30	6:45	¼						Survey 2214 2°
6:45	8:00	1¼						Drill

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.	1728.87	Ft.
2	Singles D.P.	62.99	Ft.
3	D.C. 7" I.D. O.D.	71.40	Ft.
12	D.C. 6¼" I.D. O.D.	370.08	Ft.
5	Stb. Body O.D.	29.39	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs 4½ O.D.	3.96	Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.31	Ft.
	Total	2280.00	Ft.
Wt. of String	80,000		Lbs.
Pipe in Hole	56		Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN.909
Depth Out	2280
Depth In	1836
Total Ftg.	444
Total Hr. Run	20¼
Cond. of Bit	1,1,I
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker FALCON 10
Trucker ____
Trucker ____

MUD RECORD

Time	8:00	T	3:30
Weight	9.1+	r	9.1+
Visc.-Sec.	36	i	41
W.L.-C.C.		p	
FL TR. CK.			
PH	11.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3200 #		
Caustic	100 #		

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2240	2280	40	D			80	25	1300	6"	58	5½	-	S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Drlg.
8:15	8:30	¼						Rig service & BOP's.
8:30	10:30	2						Drlg.
10:30	2:00	3½						Dummy trip up to 1300' using kelley + pump for 13 singles.
2:00	3:00	1						Run in to bottom 5' of fill
3:00	4:00	1						Circulate & condition mud.

EVENING TOUR

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

BIT RECORD

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

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

MUD RECORD

Time	4:00		
Weight	9.2		
Visc.-Sec.	80		
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
11:00	11:15	¼						Rig service.
11:15	5:30	1¼						Pull out to run test: measure out. No diff.
5:30	8:30	3						Pick up testing tools.
8:30	9:30	1						RUN IN
9:30	12:00	2½						TRY TO SET PACKER.
12	12:30	½						PULL OUT.

CONSERVATION ENGINEER DEPARTMENT OF MINERALS, FUEL AND ELECTRICITY ALBERTA, CANADA FEB 29 1972

No. 7884

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL DOME A-26 — Date: FEB 18 1972

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

Weather Condition: -30 — Road Conditions: GOOD — Nearest Town: ____

Water - Source: LAKE — Miles Hauled: 4 — Pumped: ____ — Camp Distance from Rig: 100 YDS — Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

Rig No. 2 — DWKS 7-11

Drill Pipe String: No. ____ Size ____ — Tool Joint: Type Thd. ____ O.D. ____

SIGNATURE OF OPERATOR'S REPRESENTATIVE: ____

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lelacheur

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	WSCO	C-150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn.	Day.	Eve.
Rig Up & Tear Down			
Drilling Actual		2 1/2	7 1/4
Reaming			
Conditioning Mud & Circulating	1 3/4		
Trips	3	4 1/2	
Lubricate Rig	1/4		1/4
Deviation Survey			1/2
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		3/4	
Other	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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	596
Feet Cut Off	596
Present Length	
Ton Mi. or Trips Since Last Cut	162
Cumulative Ton Mi. or Trips	2266
No. of Days From Spud	10
Cumulative Rotating Hrs.	45 1/2

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
14	Stands D.P.	Ft.
1	Singles D.P.	1351.55 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6 1/4 I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs 7/10 O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	27.62 Ft.
	Total	1854. Ft.
	Wt. of String	71,000 Lbs.
	Pipe in Hole	43 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	1.40		
Weight	9.2		
Visc.-Sec.	59		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	30 sx	LCM	

Driller: R. Jorgenson

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
15	Stands D.P.	1414.52 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.65 Ft.
	Total	1924.00 Ft.
	Wt. of String	74,000 Lbs.
	Pipe in Hole	45 Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN909
Depth Out	
Depth In	1836
Total Ftg.	88
Total Hr. Run	3 1/2
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON 10 ____ Trucker ____ Trucker ____

MUD RECORD

Time	T	2:00	3:30
Weight		9.2	9.1+
Visc.-Sec.	R.	46	40
W.L.-C.C.			
FL TR. CK.	P		
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Blakley

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
16	Stands D.P.	Ft.
2	Singles D.P.	1571.32 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6 1/4" I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	Ft.
	Wt. of String	76,000 Lbs.
	Pipe in Hole	50 Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	Smith
Type	SDGH
Nozzle No.	3
Nozzle Size	13
Ser. No.	HN.909
Depth Out	
Depth In	1836
Total Ftg.	252
Total Hr. Run	10 3/4
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	5:00
Weight	9.2
Visc.-Sec.	41
W.L.-C.C.	
FL TR. CK.	
PH	11.0
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: ____

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	1/4						Rig SER.
12:15	2:00	1 3/4						CIRC. & MIX MUD.
2:00	3:30	1 1/2						PULL & STRAP PIPE
3:30	6:30	3						MAKE UP PACKER.
6:30	8:00	1 1/2						RUN IN

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1854	1924	70	D			70	15	1200	6"	54	5 1/2	-	5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						√ Bops & rig service.
8:15	9:00	3/4						Testing
9:00	12:00	3						Pull out & lay down testing tools.
12:00	1:30	1 1/2						Run in to bottom: 10' of fill.
1:30	4:00	2 1/2						Drlg. 8 3/4 hole.

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1924	2088	164	D			80	20	1200	6"	56	5 1/2	-	5

Deviation Record: Depth 1962 Dev. 2° Direction ____ | Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Drlg.
4:15	4:30	1/4						Rig service.
4:30	6:00	1 1/2						Drlg.
6:00	6:15	1/4						Survey @ 1962: 2°
6:15	10:15	4						Drlg.
10:15	10:30	1/4						SURVEY 2057 2°
10:30	12:00	1 1/2						DRILL

DEPARTMENT OF MINES AND TECHNICAL SURVEYS CONSERVATION BRANCH RECEIVED FEB 29 1972 EDMONTON, ALBERTA

No. 7883

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME KEELE S. A-28

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

Date: FEB 17 19 70

Weather Condition: -30 | Road Conditions: good | Nearest Town | Water - Source: PIPE | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 100 YDS. | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

Rig No. 2 DWKS 7-11

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: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C150B	12
3.			

CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	6	
Reaming			
Conditioning Mud & Circulating			
Trips		1¼	
Lubricate Rig	¼		
Deviation Survey	¾	½	
Test B.O.P.		¼	
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.	5
No. of Lines	8 Size 1/8
Feet Slipped	596
Feet Cut Off	596
Present Length	
Ton Mi. or Trips Since Last Cut	120
Cumulative Ton Mi. or Trips	2224
No. of Days From Spud	9
Cumulative Rotating Hrs.	34¾

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
13	Stands D.P.	1225.5 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6¼ I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	42.00 Ft.
	Total	1742 Ft.
Wt. of String		170,000 Lbs.
Pipe in Hole		39 Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	1		
Size	8¾		
Mfg.	Smith		
Type	SDT		
Nozzle No.	3		
Nozzle Size	12		
Ser. No.	HN039		
Depth Out			
Depth In	1138		
Total Ftg.	604		
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	12	4	6
Weight	89	89	9.0
Visc.-Sec.	31	33	33
W.L.-C.C.			
FL TR. CK.			
PH	11.5	11.5	10.5
SD Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3500 lbs		

Driller: Q. Zemlyar

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1585	1742	157	D			80	20	1200	6	60			S
					1647 TE 1710	90	10-15	1200	6	60			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1585	½°		1647	2°		1710	1½	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼						SURVEY 1585 2°
12¹⁵	12³⁰	¼						Rig SER.
12³⁰	2³⁰	2						DRILL
2³⁰	2⁴⁵	¼						SURVEY 1647 2°
2⁴⁵	6⁴⁵	4						DRILL
6⁴⁵	7⁰⁰	¼						SURVEY 1710 1½°
7⁰⁰	8⁰⁰	1						DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
14	Stands D.P.	1320.05 Ft.
	Singles D.P.	Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6¼ I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	23.62 Ft.
	Total	1836.00 Ft.
Wt. of String		71,000 Lbs.
Pipe in Hole		43 Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	2		
Size	8¾		
Mfg.	Smith		
Type	SDT		
Nozzle No.	3		
Nozzle Size	12		
Ser. No.	HN039		
Depth Out	1836		
Depth In	1133		
Total Ftg.	~~702~~ 698		
Total Hr. Run	27¾		
Cond. of Bit	5-1-1		
Reamer No.			
Reamer Type			

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

Trucker FALCON | 10 | Trucker | Trucker

MUD RECORD

Time	9:00	11⁰⁰	2:00
Weight	9.1	9.0+	9.0+
Visc.-Sec.	34	33	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.
Gel	1700 #		

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1742	1836	~~98~~ 94	D			80	20	1400	6"	56	5½	—	S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1780	1¾		1836	2°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1 ¼						Drlg. 8¾ hole
9:15	9:30	¼						√ BOP's + rig service
9:30	11:15	1 ¾						Drlg.
11:15	11:30	¼						Survey @ 1805' 1¾°
11:30	2:30	3						Drlg.
2:30	2:45	¼						Dropped survey
2:45	4:00	1 ¼						Trip out measure out: one single diff. corr. - 3.03

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
14	Stands D.P.	Ft.
1	Singles D.P.	1351.55 Ft.
3	D.C. 7" I.D. O.D.	71.40 Ft.
12	D.C. 6¼ I.D. O.D.	370.08 Ft.
5	Stb. Body O.D.	29.39 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
	Bit or C.B.	Ft.
	Kelly Down	27.62 Ft.
	Total	1854.00 Ft.
Wt. of String		71,000 Lbs.
Pipe in Hole		43 Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	3		
Size	8¾		
Mfg.	Smith		
Type	SDGH		
Nozzle No.	3		
Nozzle Size	13		
Ser. No.	HN909		
Depth Out			
Depth In	1836		
Total Ftg.	18		
Total Hr. Run	1		
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.

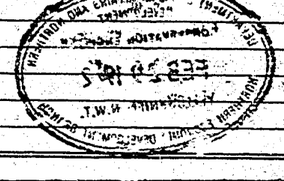
Driller

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
1836	1854	18	D.			80	15	1200	6"	56	5½		S

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						Fixed broken airlines in #1 + #2 Compound clutches: Closed blind rams.
6:00	7:30	1 ½						Run in to bottom: cleaned 15' of fill.
7:30	8:30	1						Drlg.
8⁵⁰	12:00	3 ½						Circ. & mix mud



No. 7882

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECATUR FLAT DOME B-24

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

Date FEB 16 1972

Weather Condition -30 Road Conditions GOOD Nearest Town

Water - Source LAKE Miles Hauled 4 Pumped Camp Distance from Rig 100 YDS Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECATUR

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R Schank

Rig No. 2 DWKS 744

Drill Pipe String: No. 2 Size 4½

Tool Joint 5¾ O.D. Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	ZORCO	600	16
2.	WSCO	C150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J-55	32	1027	1300	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2	13¼	7½
Reaming	½		
Conditioning Mud & Circulating			
Trips	3½		
Lubricate Rig	¼		¼
Deviation Survey	¼	¼	¼
Test B.O.P.		¼	
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	3¾	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. 5

No. of Lines 8 Size 1-8

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 110

Cumulative Ton Mi. or Trips 2214

No. of Days From Spud 8

Cumulative Rotating Hrs. 20 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
	Stands D.P.	
	Singles D.P.	596.68
2	D.C. 7" I.D. O.D.	61.40
12	D.C. 7" I.D. O.D.	370.08
	Stb. Body O.D.	39.39
	Stb. Body O.D.	
	Rmr. Body O.D.	
1	Subs XO O.D.	3.98
	Bit or C.B.	
	Kelly Down	35.00
	Total	

Wt. of String Lbs.

Pipe in Hole Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	1A
Size	8 3/4
Mfg.	SMITH
Type	CH976
Nozzle No.	
Nozzle Size	
Ser. No.	SDT
Depth Out	1138
Depth In	1020
Total Ftg.	118
Total Hr. Run	6
Cond. of Bit	2-2-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1:00			
Weight	8.9			
Visc.-Sec.	45			
W.L.-C.C.				
FL TR. CK.				
PH				
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller A Jongour

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1100	1138	38	D			60	18	400	6				S

Deviation Record: Depth 1138 Dev. 7/8 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. SER.
1215	215	2						DRILL
315	330	¼						SURVEY 1138 7/8
330	530	2						PULL OUT
530	630	1						MAKE STIFF STRING
630	730	1						CLEAN MUD TANKS
730	800	½						RUN IN
								CLEAN TO BOTTOM.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
9	Stands D.P.	848.03
	Singles D.P.	
3	D.C. 7" I.D. O.D.	71.40
12	D.C. 6¼" I.D. O.D.	370.08
5	Stb. Body's O.D.	29.39
	Stb. Body O.D.	
	Rmr. Body O.D.	
1	Subs X/O O.D.	3.96
	Bit or C.B.	
	Kelly Down	27.14
	Total	1350.00

Wt. of String 69,000 Lbs.

Pipe in Hole 27 Jts.

Pipe on Racks Jts.

Total Pipe on Lease Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	Smith
Type	SDT
Nozzle No.	3
Nozzle Size	12
Ser. No.	HN039
Depth Out	
Depth In	1138
Total Ftg.	212
Total Hr. Run	7¼
Cond. of Bit	in
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker FALCON — 16

Trucker

Trucker

MUD RECORD

Time	10:30	12:30	3:00
Weight	8.7+	8.8	8.8
Visc.-Sec.	30	35	32
W.L.-C.C.			
FL TR. CK.			
PH	12.0	11.5	11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	5000#		
Caustic	300#		

Driller L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1138	1350	212	D			65	20	1200	6"	55	5½	—	S

Deviation Record: Depth 1270 Dev. 1¼° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig service & ✓ BOP's PACKED HOLE
8:15	1:45	5½						Drlg. 8¾ hole with [redacted] assembly.
1:45	2:00	¼						Pull stuck single out of mousehole.
2:00	2:15	¼						Survey @ 1270 1¼°
2:15	4:00	1¾						Drlg. 8¾ hole w/ [redacted] assembly.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
11	Stands D.P.	
1	Singles D.P.	1668.22
3	D.C. 7" I.D. O.D.	71.40
12	D.C. 6¼" I.D. O.D.	370.08
5	Stb. Body's O.D.	29.39
	Stb. Body O.D.	
	Rmr. Body O.D.	
1	Subs X/O O.D.	3.96
	Bit or C.B.	
	Kelly Down	42.00
	Total	1585

Wt. of String 69,000 Lbs.

Pipe in Hole 34 Jts.

Pipe on Racks Jts.

Pipe on Lease Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	Smith
Type	SDT
Nozzle No.	3
Nozzle Size	12
Ser. No.	HN039
Depth Out	
Depth In	1138
Total Ftg.	447
Total Hr. Run	14 3/4
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	8.8	8.8	8.8
Visc.-Sec.	32	34	32
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.
Gel	1900#		
Caustic	100#		

Driller

FOOTAGE

From	To	Ftge.	DR-D FM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1350	1585	235	D			65	20	1200	6"	58	5½	—	S

Deviation Record: Depth 1427 Dev. 1½° 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						Drlg. 8¾ hole with [redacted] assembly
4:30	4:45	¼						Rig service.
4:45	7:15	2½						Drlg. 8¾ hole w/ [redacted] assembly
7:15	7:30	¼						Survey @ 1427' 1½°
7:30	12:00	4½						Drlg. 8¾ w/ [redacted] assembly

DEPARTMENT OF MINES AND TECHNICAL SURVEYS MINES BRANCH EXPLOSIVES DIVISION OTTAWA, CANADA FEB 29 1972

No. 7881

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ETAL BOOE. KEELE 14-28

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

Date FEB 15 1972

Weather Condition 3 Road Conditions GOOD Nearest Town

Water - Source LAKE. Camp Distance from Rig 1.20 KMS.
Miles Hauled 4 Pumped Reason for Extra L. Plant SAFE.

OPERATOR: WESTERN. DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Blake.

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint 5¾ O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝		J 55	32	1027	13.00	1020	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
~~Conditioning Mud~~ & Circulating		1¼	
Trips		2½	
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.	¼		
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement	7¾		
Drill Stem Test			
Other		4	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.	5
No. of Lines	8 Size 1⅛
Feet Slipped	596
Feet Cut Off	596
Present Length	
Ton-Mi. or Trips Since Last Cut	100
Cumulative Ton-Mi. or Trips	2304
No. of Days From Spud	7
Cumulative Rotating Hrs.	4

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 ~~C.B.~~	3.98 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	

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. Jamieson

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	1745	7¾						HEAD UP.
1745	800	¼						PRESSURE UP BLIND RAM - MOTOR SHUT DOWN.

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 FALCON	5

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. Blakley

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

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig service.
8:15	8:45	½						Run in to 807'
8:45	9:15	½						Try to break circ.
9:15	10:00	¾						Pull out plugged bit
10:00	10:15	¼						Run in collars
10:15	10:45	½						Try to break circ.
10:45	11:00	¼						Pull 3 stds. collars
11:00	3:00	4						Thaw out plugged collars, Run in 2 stds. pipe to 600
3:00	3:15	¼						Break circ. mud was very thick.
3:15	3:30	¼						Run in to 807' & break circ.
3:30	4:00	½						

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
7	Stands D.P.	688.82 Ft.	Bit No.	1A.
1	Singles D.P.	Ft.	Size	8¾
	D.C. 7" I.D. O.D.		Mfg.	SMITH
2		61.40 Ft.	Type	SDT.
	D.C. 6¼ I.D. O.D.		Nozzle No. / Size	
10		308.52 Ft.	Ser. No.	GH976
	Stb. Body O.D.	Ft.	Depth Out	
	Stb. Body O.D.	Ft.	Depth In	1020
	Rmr. Body O.D.	Ft.	Total Ftg.	80
1	Subs O.D.	3.96 Ft.	Total Hr. Run	4
1	Bit ~~C.B.~~ 5¼B	3.98 Ft.	Cond. of Bit	
	Kelly Down	22.90 Ft.	Reamer No.	
	Total	1100 Ft.	Reamer Type	
	Wt. of String	56,000 Lbs.	Water Charges	Reg. Hrs. O.T. Hrs.
	Pipe in Hole	32 Jts.	Trucker	
	Pipe on Racks	Jts.	Trucker	
	Total Pipe on Lease	Jts.	Trucker	

MUD RECORD

Time	12.00
Weight	8.9
Visc.-Sec.	45
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
1020	1100	80	P.			60	10	450	6	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
4:00	4:30	½						Pick up 4 singles.
4:30	4:45	¼						Pressure up pipe rams @ 1200 PSI: held ok.
4:45	5:00	¼						Pressure up hydrill @ 1200 PSI: held ok.
5:00	5:30	½						Rig service + close kelley cock: 1000 PSI: OK.
5:30	8:00	2½						Drlg out float + shoe.
8:00	12:00	4						DRLG

CONSERVATION ENGINEER DEVELOPMENT ENGINEERING BRANCH NORTHERN ENGINEERING AND NATURAL RESOURCES YELLOWKNIFE N.W.T. FEB 29 1972

No. 7880

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ET AL DOME A-28

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

Date FEB 14 1972

Weather Condition 30 | Road Conditions 9000 | Nearest Town

Water - Source LAKE Miles Hauled 4 Pumped ____ | Camp Distance from Rig 100 YDS Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

Rig No. 2 DWKS 741

Drill Pipe String No. ____ Size ____

Tool Joint 5 3/4 O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Labonte

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C-150	14
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8		J 55	32	1028	13.00	1020	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No. 5

No. of Lines 8 Size 1 1/8"

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 20

Cumulative Ton Mi. or Trips 3194

No. of Days From Spud 36

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			
			Trucker			
			Trucker		Driller A. Zongour	

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 FALCON	9		
			Trucker			
			Trucker		Driller L. Blakley	

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			
			Trucker			
			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 (×3)

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
[illegible]	[illegible]							[illegible]
12.00	1.30	1 1/2						RUN IN 80 FT OF 1" PIPE AND [illegible] CEMENT FROM TOP
1.30	8.00	6 1/2						W.O.C. (CEMENT WALLS & FLOOR OF CELLAR)

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 (×3)

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	9.30	1 1/2						WOR
9.30	4.00	6 1/2						PUT UP CANVAS SHOP BUILDING

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 (×3)

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
[illegible]	[illegible]							[illegible]
4.00	6.00	2						CUT OFF CASING WELD ON BOWL HEAD UP
6.00	12.00	6						

DEPARTMENT OF MINES AND NATURAL RESOURCES CONSERVATION BOARD ENGINEERING DIVISION FEB 29 1972 CALGARY, ALBERTA

No. 7879

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ETAL DOME A-28

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

Date: FEB 13 19 72

Weather Condition: -30 Road Conditions: GOOD Nearest Town:

Water - Source: LAKE Miles Hauled: 2 Pumped: Camp Distance from Rig: 100 YDS Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Lalak.

Rig No. 2 | DWKS 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint 5¾ O.D. Type Thd. FH.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EDCO	600	16
2.	C250 NSCO	C250	12
3.			

LAST CASING / TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating	½	2	
Trips	½		
Lubricate Rig	½		
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing	5	1	
Waiting on Cement		5	8
Drill Stem Test			
Other	13½		
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: 5

Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
6	Stands D.P.	563.55 Ft.
2	Singles D.P.	62.28 Ft.
2	D.C. 7" I.D. O.D.	61.40 Ft.
10	D.C. 6¼ I.D. O.D.	308.52 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs XO O.D. Bell Sub	3.96 Ft.
	Bit or C.B.	2.46 Ft.
	Kelly Down	17.81 Ft.
	Total	1020.00 Ft.
	Wt. of String	56,000 Lbs.
	Pipe in Hole	20 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: A. Jonasson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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
1020	¾							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SER.
1215	1245	½						PULL OUT DROPPED SURVEY 1020 ¾
1245	230	1¾						RIG UP TO RUN CASING.
230	730	5						RUN CASING
730	800	½						CIR. CASING

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 FALCON 15

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. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2						Circulating & rig up to cement.
10:00	11:00	1						Cementing : plug down @ 11:00 AM
11:00	4:00	5						Waiting on cement.

RAN 32 JTS, 1027 FEET 9⅝ 36# J55 IAP CASING WITH BAKER GUIDE SHOE & INSERT FLOAT 2 CENTRALIZERS. LANDED @ 1020' KB

CEMENT WITH 375 SACKS CONST CEMENT + 2% ha-ad-2 NO RETURNS. BUMPED PLUG W/ 1500 PSI

PLUG DOWN 11:00 AM FEB 13.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
	Wt. of String	Lbs.
	Pipe in Hole	Jts.
	Pipe on Racks	Jts.
	Total Pipe on Lease	Jts.

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

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

Deviation Record

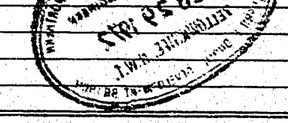
Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	11:00	7						W.O.C
11:00	12:00	1						RIG UP TO CEMENT FROM TOP.

FELT TOP OF CEMENT 80 FT BELOW GROUND LEVEL

RECEMENT FROM 80 FT TO SURFACE WITH 125 SACKS CONST CEMENT + 2% ha-ad-2

GOOD RETURNS AT SURFACE.



No. 7878

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA EL AL DOME KEELE A-28 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: FEB 12 19 72

Weather Condition: 30 | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: A | Pumped | Camp Distance from Rig: 100 YDS. | Reason for Extra L. Plant: SLOPE

OPERATOR: WESTERN DECALTA

Rig No. 2 | DWKS 7-11 | Drill Pipe String: No. ___ Size ___ | Tool Joint: 5 3/4 O.D. | Type Thd.: FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.B. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDCO	600	16
2.	NSCO	C-350	14
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	7 3/4	5 1/4	H
Conditioning Mud & Circulating			1 1/2
Trips		1 1/4	1 1/2
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		1/2	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
CLEAN BRIDGE Drill Stem Test			1
Other		3/4	
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.	5
No. of Lines	8 Size 1 1/8
Feet Slipped	596
Feet Cut Off	596
Present Length	
Ton Mi. or Trips Since Last Cut	50
Cumulative Ton Mi. or Trips	2125
No. of Days From Spud	4
Cumulative Rotating Hrs.	49 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
1	Stands D.P.	Ft.
2	Singles D.P.	156.35 Ft.
7	D.C. 7" I.D.	O.D. 61.40 Ft.
10	D.C. 6 1/4 I.D.	O.D. 308.52 Ft.
	Stb. Body	O.D. Ft.
1	Stb. Body NB	O.D. 3.96 Ft.
	Rmr. Body	O.D. 3.15 Ft.
1	Subs REM	O.D. 2.46 Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.16 Ft.
	Total	560.10 Ft.
Wt. of String	560	Lbs.
Pipe in Hole	5	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	3-S REAMER #1
Size	12 1/4
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	0
Total Ftg.	560
Total Hr. Run	15
Cond. of Bit	IN.
Reamer No.	1
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: A. Zaharuk

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
300	560	260	R.			125	200	200	6	60	5 1/2		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
1200	1215	1/4						Rig SER.
1215	0800	7 3/4						REAM.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
3	Stands D.P.	Ft.
2	Singles D.P.	375.95 Ft.
2	D.C. 7" I.D.	O.D. 61.40 Ft.
10	D.C. I.D.	O.D. 308.52 Ft.
	Stb. Body	O.D. Ft.
	Stb. Body	O.D. Ft.
1	Rmr. Body 4/10	O.D. 3.96 Ft.
1	Subs Bell	O.D. 2.46 Ft.
	Bit or C.B.	Ft.
	Kelly Down	17.71 Ft.
	Total	770.00 Ft.
Wt. of String	54,000	Lbs.
Pipe in Hole	11	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	3-S Reamer #1	4-S
Size	12 1/4	12 1/4
Mfg.		
Type		
Nozzle No.		
Nozzle Size		
Ser. No.		54789
Depth Out	730	
Depth In	60	730
Total Ftg.	670	40
Total Hr. Run	19 1/2	3/4
Cond. of Bit	CUTTERS LOOSE	
Reamer No.	1	
Reamer Type	HOLE OPENER	

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker FALCON 4
Trucker ___ Trucker ___

MUD RECORD

Time	9:00	12:00	3:30
Weight	8.8	8.9	8.9
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Blakley

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
560	730	170	R			80	8	200	6"	60	5 1/2		S
730	770	40	R										
		210											

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig service
8:15	11:20	3 1/4						Reaming
11:20	12:00	1/2						Fix stabilizer (deadline)
12:00	1:15	1 1/4						Reaming
1:15	2:00	3/4						Pull out
2:00	2:45	3/4						Take hole opener reamer off & put 12 1/4 bit on
2:45	3:15	1/2						Run in
3:15	4:00	3/4						Reaming

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
6	Stands D.P.	563.55 Ft.
2	Singles D.P.	62.28 Ft.
2	D.C. 7" I.D.	O.D. 61.40 Ft.
10	D.C. 6 1/4" I.D.	O.D. 308.52 Ft.
	Stb. Body	O.D Ft.
	Stb. Body	O.D. Ft.
	Rmr. Body	O.D. Ft.
1	Subs X/O	O.D. 3.96 Ft.
1	Bell Sub	O.D. 2.46 Ft.
	Kelly Down	17.81 Ft.
	Total	1020.00 Ft.
Wt. of String	56,000	Lbs.
Pipe in Hole	20	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	[illegible]	4-S
Size	12 1/4	
Mfg.		
Type		
Nozzle No.		
Nozzle Size		
Ser. No.	54789	
Depth Out	1020	
Depth In	730	
Total Ftg.	250	
Total Hr. Run	4 3/4	
Cond. of Bit	1-6-1	
Reamer No.		
Reamer Type		

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

MUD RECORD

Time	5:00	7:00	11
Weight	8.9	8.9+	8.9
Visc.-Sec.	32	35	85
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	5800		
Caustic	150		

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
770	1005	235	R			160	15	400	6"		5 1/2		
1005	1020	15	D			160	20	400	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	4:15	1/4						Rig service
4:15	8:15	4						Reaming
8:15	8:45	1/2						CIRC.
8:45	10	1 1/4						TRIP
10	11	1						CLEAN OUT BRIDGES
11	12	1						CIRC. & mix MUD.

DEPARTMENT OF MINES AND TECHNICAL SURVEYS CONSERVATION BRANCH RESERVES MANAGEMENT FEB 25 1972 TECHNICAL SERVICES

No. 7877

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA FT AL DOME A-28 | Date: FEB 11 1972

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

Weather Condition: O | Road Conditions: GOOD | Nearest Town | Water - Source: LAKE | Miles Hauled: 4 | Pumped | Camp Distance from Rig: 1000 FT | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Miller

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 3, Size 4½

Tool Joint 5¾ O.D. Type Tbd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NSCO	C250	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 & Lay Down pipe		1	
Drilling Actual	2	4¼	
Reaming	¾		1¼
Conditioning Mud & Circulating			
Trips	4	¼	
Lubricate Rig	¼		¼
Deviation Survey		¾	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	1		½
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		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. 5

No. of Lines 8 Size 1⅛

Feet Slipped 596

Feet Cut Off 596

Present Length

Ton Mi. or Trips Since Last Cut 5

Cumulative Ton Mi. or Trips 7174

No. of Days From Spud 3

Cumulative Rotating Hrs. 32 1/4

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
5	Stands D.P.	469.64 Ft.	Bit No.	25
	Singles D.P.	Ft.	Size	8¾
2	D.C. 7¼ I.D. O.D.	61.40 Ft.	Mfg.	Smith
			Type	SDT.
10	D.C. 6¼ I.D. O.D.	308.52 Ft.	Nozzle No.	
			Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	GH976
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	825
1	Subs 10 O.D.	3.96 Ft.	Total Ftg.	55
1	Bit or C.B. SDR	3.98 Ft.	Total Hr. Run	2
	Kelly Down	32.52 Ft.	Cond. of Bit	
	Total	880.00 Ft.	Reamer No.	
Wt. of String	55.00 Lbs.		Reamer Type	
Pipe in Hole	15 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 A. Zangger.

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
825	880	55				160	7	400	6"	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
12⁰⁰	12¹⁵	¼						RIG SER.
12¹⁵	1¹⁵	1						JACK HYDROMATIC IN PLACE.
1¹⁵	5¹⁵	4						TRIP FOR BIT & L.D.C. FOR CRACKS
5²	6⁰⁰	¾						CLEAN 20ft TO BOTTOM.
6⁰⁰	8⁰⁰	2						DRILL

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	25
	Singles D.P.	Ft.	Size	8¾
	D.C. I.D. O.D.	Ft.	Mfg.	Smith
			Type	SDT
	D.C. I.D. O.D.	Ft.	Nozzle No.	open
			Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	GH.976
	Stb. Body O.D.	Ft.	Depth Out	1005
	Rmr. Body O.D.	Ft.	Depth In	825
	Subs O.D.	Ft.	Total Ftg.	180
	Bit or C.B.	Ft.	Total Hr. Run	6¼
	Kelly Down	Ft.	Cond. of Bit	4/4
	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 FALCON	8
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. Blakley

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
880	1005	125	D			160	8-10	400	6"	60			5

Deviation Record: Depth 889 | Dev. 7/8° | Direction | Depth 920 | Dev. 7/8° | Direction | Depth 983 | Dev. 7/8° | 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						Drlg.
8:15	8:30	¼						Survey @ 889 7/8°; trig service.
8:30	10:30	2						Drlg. 8¾ hole.
10:30	10:45	¼						Survey @ 920 7/8°
10:45	12:00	1 ¼						Drlg.
12:00	12:15	¼						Survey @ 983 7/8°
12:15	1:00	¾						Drlg.
1:00	2:00	1						Lay down 18 jts singles
2:00	2:15	¼						Pull out collars.
2:15	4:00	1 ¾						Make up reamer & weld straps on the bit.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		
	Stands D.P.	Ft.	Bit No.	25-R	RS-3
	Singles D.P.	Ft.	Size	8¾	12¼
	D.C. I.D. O.D.	Ft.	Mfg.	Smith	
			Type	SDT	HOLE OPENER
	D.C. I.D. O.D.	Ft.	Nozzle No.	3	
			Nozzle Size	16	
1	Stb. Body 7" O.D.	2.46 Ft.	Ser. No.	GH.976	
	Stb. Body O.D.	Ft.	Depth Out		
1	Rmr. Body 12¼ O.D.	3.15 Ft.	Depth In		60
1	Subs Sub O.D.	3.96 Ft.	Total Ftg.		240
	Bit or C.B.	Ft.	Total Hr. Run		9¾
	Kelly Down	Ft.	Cond. of Bit		IN
	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
60	300	240	R			125	5	20	6	60			5

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig service
4:15	5:00	¾						Reaming 8¾" hole with 12¼" hole opener
5:00	5:30	½						Pull out kelley sack & weld cracked bottom
5:30	12:00	6½						Reaming

No. 7876

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME A-28

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

Date: FEB 10 1972

Weather Condition: O Road Conditions: GOOD Nearest Town:

Water - Source: LAKE Miles Hauled: 4 Pumped: Camp Distance from Rig: 100'S

Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W Mullen

Rig No. 2 DWKS 7-11

Drill Pipe String: No. 2, Size 4½"

Tool Joint: 5¾ O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600	16
2.	NISCO	C-150	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
Lig Up & Tear Down			
Drilling Actual	2½	5¾	7
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey	¾	1¼	1
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	4½		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		1	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

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	2
Cumulative Rotating Hrs.	18¾

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.		Ft.
6	D.C. 6¼ I.D. O.D.	183.79	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	1.13	Ft.
1	Bit SUB C.B.	3.76	Ft.
	Kelly Down	~~4.37~~	Ft.
	Total	266.	Ft.
Wt. of String		40^	Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	1S
Size	8¾
Mfg.	SMITH
Type	SDT
Nozzle No.	3
Nozzle Size	16
Ser. No.	HN126
Depth Out	
Depth In	0
Total Ftg.	266
Total Hr. Run	6
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: A. Jensen

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
143	266	123				160	10	600	6	60			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	140	¼°		204	½°		266	¾	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼						RIG SER.
12¹⁵	1¹²	1						WORK ON BROKEN AIR LINE
1¹⁵	1³⁰	¼						SURVEY 140 ¼°
1³⁰	3⁰⁰	1½						DRILL
3⁰⁰	3¹⁵	¼						SURVEY 204 ½
3¹⁵	4¹⁵	1						WORK ON SAND LINE
4¹⁵	5³⁰	1						DRILL
5¹⁵	5³⁰	¼						SURVEY 266 ¾
5³⁰	8⁰⁰	2½						WORK ON AIR LINES

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
2	Stands D.P.	187.8	Ft.
1	Singles D.P.	31.42	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
10	D.C. I.D. O.D.	308.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit SUB C.B.	3.98	Ft.
	Kelly Down	42.00	Ft.
	Total	638.	Ft.
Wt. of String		52,000	Lbs.
Pipe in Hole		7	Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	1S
Size	8¾
Mfg.	Smith
Type	SDT
Nozzle No.	3
Nozzle Size	16
Ser. No.	HN 126
Depth Out	
Depth In	0
Total Ftg.	638
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	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
266	638	372	D			160	12	600	6"	60			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	328	7/8°		389	¾		449	½°	

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						Drlg. 8¾ hole
8:30	9:00	½						Work on hydromatic clutch + tighten kelly
9:00	9:30	½						Drlg. 8¾ hole
9:30	10:00	½						Cut off 300' sandline
10:00	10:15	¼						Survey @ 328' 7/8°
10:15	11:15	1						Drlg.
11:15	11:30	¼						Survey @ 389' ¾°
11:30	12:15	¾						Drlg.
12:15	12:30	¼						Survey @ 449' ½°
12:30	1:45	1 ¼						Drlg.
1:45	2:00	¼						Survey @ 513' ¾°
2:00	2:30	½						Drlg.

Pump No. 2: 5" 60 ¼ Survey @ 576' ½°

Pump No. 2: 5½" 60 ¼ Drlg.

Martin Boudreau got hit on the head with stair railing.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
4	Stands D.P.		Ft.
2	Singles D.P.	438.52	Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
10	D.C. I.D. O.D.	308.52	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Sub X/O O.D.	3.96	Ft.
1	Bit SUB C.B.	3.98	Ft.
	Kelly Down	7.62	Ft.
	Total	825.	Ft.
Wt. of String		52,000	Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	1S
Size	8¾
Mfg.	Smith
Type	~~HN~~ SDT
Nozzle No.	3
Nozzle Size	16
Ser. No.	HN.126
Depth Out	
Depth In	0
Total Ftg.	825
Total Hr. Run	18¾
Cond. of Bit	6-1-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker: ____ Trucker: ____ Trucker: ____

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

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
638	825	187	D			160	10-15	600	6"	60			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	637	7/8		701	½°		763	1°	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Survey @ 637' 7/8° + rig service
4:15	5:45	1 ½						Drlg.
5:45	6:00	¼						Survey @ 701' ½°
6:00	7:30	1 ½						Drlg.
7:30	7:45	¼						Survey @ 763' 1°
7:45	11:45	4						Drlg.
11:45	12:30	¾						Survey 825' ¾°

DEPARTMENT OF MINES AND NATURAL RESOURCES CONSERVATION AUTHORITY PETROLEUM ENGINEERING BRANCH EDMONTON, ALBERTA APPROVED FEB 25 1972

No. 7925

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: DECALTA ET AL DOME A-28

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

Date: FEB 8 1972

Weather Condition

Road Conditions: ROUGH

Nearest Town: NORMAN WELLS

Water - Source: TRUCK — Miles Hauled ____ Pumped ____

Camp Distance from Rig: 1100 YDS — Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W. J. Mullen

Rig No. 2 — DWKS / IDECO

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.	IDECO	600	16"
2.	NSCO	C-150	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			3½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
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			4
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		
	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: R. Rutherford

FOOTAGE

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

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	2.00	2						WELD TOGETHER DOUBLE PIN SUB. TO
								DIG MOUSE HOLE.
2.00	8.00	6						DIG MOUSE HOLE WITH AUGER HIT ROCKS
								PICK UP CHISSEL & CHISSEL ROCK
								BROKE OFF AUGER BETWEEN ROCKS
								6' DOWN.

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.
Mud Added?			

Driller: A. Jorgenson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2.00							
2.00	4.00							

Phone call to Guthrie McLaren Spudded Feb 9th 8:00 P.M.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. O.D.	61.40	Ft.
1	D.C. 6¼" I.D. O.D.	30.75	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 4½ Stb O.D.	1.13	Ft.
1	Subs 4½ O.D.	3.96	Ft.
1	Bit Stb C.B.	3.98	Ft.
	Kelly Down	42.00	Ft.
	Total	143.22	Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	1 S
Size	8 3/4
Mfg.	Smith
Type	SDT
Nozzle No.	3
Nozzle Size	1/16
Ser. No.	HN126
Depth Out	
Depth In	0
Total Ftg.	143
Total Hr. Run	3 1/2
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: L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-P Core-C	Core No.	(S								
0	143	143	D					160	5	600	6"				5

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						Rig up to spud
8:00	11:30	3 ½						Dtlg. 8¾" pilot hole
11:30	12:00	½						Repair airline in #2 Compound clutch.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB 15 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

No. 7925

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: DECALTA ET AL DOME A-28

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

Date: FEB 89 19 72

Weather Condition | Road Conditions: Rough | Nearest Town: NORMAN WELLS | Water - Source: TRUCK | Miles Hauled ___ Pumped ___ | Camp Distance from Rig: 1000 YDS | Reason for Extra L. Plant: SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: W J Miller

Rig No. 2 | DWE 1 IDECO

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.	IDECO	600	16"
2.	NSCO	C-150	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		3½	
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
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		4	
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		
	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 R. Rutherford

FOOTAGE

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

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	2.00	2						Weld Together Double Pin Sub. To Dig Mouse Hole.
2.00	8.00	6						Dig Mouse Hole With Auger hit Rocks Pick up Chissel & Chissel @ Rocks. Broke off Auger Between Rocks 6' Down.

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.
Mud Added?			

Driller A. Bourgeois

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	2.00							Dig Mouse Hole.
2.00	4.00							Get off Mouse Hole
								Gel 30 bag
								Wt. mat. 30 bag.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D.	O.D. 6 1/4	Ft.
1	D.C. 6 1/4" I.D.	O.D. 30.75	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
1	~~Rmr. Body~~ X/O Sub	O.D. 4.13	Ft.
1	Subs X/O	O.D. 3.96	Ft.
1	Bit ~~C.B.~~ Sub	3.98	Ft.
	Kelly Down	42.00	Ft.
	Total	143.22	Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	1
Size	8 3/4
Mfg.	Smith
Type	SDT
Nozzle No.	3
Nozzle Size	1/16
Ser. No.	HN126
Depth Out	
Depth In	0
Total Ftg.	143
Total Hr. Run	3 1/2
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 L. Blakley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	143	143	D			160	5	600	6"				5

Deviation Record

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

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						Rig up to spud
8:00	11:30	3 1/2						Drlg. 8 3/4" pilot hole
11:30	12:00	1/2						Repair airline in #2 Compound clutch.

DEPT. OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB 15 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMY DEVELOPMENT BRANCH

No. 7924

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECALTA ET AL DOME A-28 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date FEB 8 1972

Weather Condition Cold | Road Conditions Rough | Nearest Town NORMAN WELLS | Water - Source TRUCK | Miles Hauled ___ | Camp Distance from Rig 1000YDS | Pumped ___ | Reason for Extra L. Plant SPARE

OPERATOR: WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A.D. Miller

Rig No. 2 DWKS IDECO T-1

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.	IDECO	600	16
2.	NSCW	C-150	12
3.			

LAST CASING TUBING OR LINER

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

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

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

BIT RECORD

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

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___ Trucker ___ Trucker ___

MUD RECORD

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

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller P. Rutherford

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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	1.30	1½						GET CONDUCTOR BARREL READY + WELDEN
1.30	3.30	2						CEMENT CONDUCTOR BARREL W - 75 SKS NEAT
~~3.30~~	~~5.00~~	~~1½~~						CEMENT + 25 SKS OF PERMAFROST CEMENT
3.30	5.00	5½						W.O.C.
								PERMA FROST ENDS 30 FT FROM K.B.
								RAN 62' OF INSULATED 13⅜"
								55 LB CASING AS CONDUCTOR PIPE
								LANDED AT 66 K.B.
								K.B. TO GROUND IS 14.30
								CEMENTED WITH 75 SKS OF
								CONSTRUCTION CEMENT & 25
								SKS OF PERMA FROST CEMENT

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 A. Zamzow

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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
1.00	4.00							W.O.C.

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

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 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						WOC.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB. 15 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH