

Drilling Authority No. ...556.....
Date Issued.....15-11-71.....

WELL NAME.....Decalta et al Champlin Dahadinni D-65.....
FIELD.....Area:.....
LOCATION: Unit.....D.....Section.....65.....Grid.....64-00-124-15.....
Latitude.....63.54.12.....Longitude.....124.27.55.....
U.W.L.R.....63.903333 - 124.465278.....
U.W.I.....300D656400124150.....

Rig Release Date:.....24-01-72.....
Status.....D+A.....
Information Release Date.....24-01-74.....

CHANGE OF NAME:

DATE RECEIVED	INDEX
08-11-71	☒ Application for a Drilling Authority.
	Well Completion Data.
22-01-73	☒ Well History Report.
11-01-72	☒ Application to Amend a Drilling Authority.
	Application to change a Well Name.
06-03-72	☒ 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.
07-12-71	☒ 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.....

DATE RECEIVED																																
LOGS: <table><thead><tr><th>Name</th><th>Run No.</th><th>Type</th><th>Interval</th></tr></thead><tbody><tr><td>DILH</td><td>1</td><td></td><td></td></tr><tr><td>HA Dip</td><td>1</td><td></td><td></td></tr><tr><td>Dir.</td><td>1</td><td></td><td></td></tr><tr><td>BHC-S</td><td>1</td><td></td><td></td></tr><tr><td>Lith</td><td>1</td><td></td><td></td></tr></tbody></table> ANALYSES: <table><thead><tr><th>Sample</th><th>Lab. No.</th><th>Formation</th><th>Interval</th></tr></thead><tbody></tbody></table> A.O.F. Potential Formation Interval MC.F.D. Test Date DRILL STEM TESTS: <table><thead><tr><th>No.</th><th>Formation</th><th>Interval</th></tr></thead><tbody></tbody></table>		Name	Run No.	Type	Interval	DILH	1			HA Dip	1			Dir.	1			BHC-S	1			Lith	1			Sample	Lab. No.	Formation	Interval	No.	Formation	Interval
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File No.
Drilling Authority No. 556

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 Champlin Dahadinni D-65
Location: Unit D Section 65 Grid 64-00 124-15
Latitude 63° 54' 12"N Longitude 124° 27' 55"W
From Established Reference Marker -
Universal Well Location Reference 63.903333°N 124.465278°W
Permit No. 5361 Lease No. -

Champlin Petroleum Company
(Permittee, Licensee, Lessee)

Date of commencement of proposed program January 22, 1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at -
Gas at -
Water at -
Total Depth 8000 Date of last operations
Present condition of well Plugged and Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 13-3/8"	48#	60'	60'	104 sacks cement	-
2. 9-5/8"	36#	701'	701'	380 " " + 2% CaCl ₂	-
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug		Geological Formation	Number of Sacks of Cement	Remarks
No.	Position			
1	8000' - 7900'	Bear Rock	55	-
2	5865' - 5600'	Fault-Nahanni-Hare Indian	242 + 2% CaCl ₂	Felt @ 5575'
3	750' - 650'	Cretaceous	75 + 2% CaCl ₂	Felt @ 635'
4	Surface		5	-

The following logs have been run BHCS, DIL, Dipmeter
Other operations proposed -

Operations to be carried out by Guthrie-McLaren Contractor Licence No. 0989
Address 14630 - 119 Avenue, Edmonton Address
Responsible Agent in field O. R. Clark
Dated at Calgary, this 24th Day of February 1972
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 March 6, 1972

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.....



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. 556, concerning Decalta et al Champlin Dahadinni D-65

(Name and Number of Well)

The following amendments are required:

Expected total final depth altered to read 8,000'.

Reasons for the amendments:

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

Dated at Calgary, this 7th day of January, 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 Jan 11, 1972

[Signature]
Oil Conservation Engineer

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

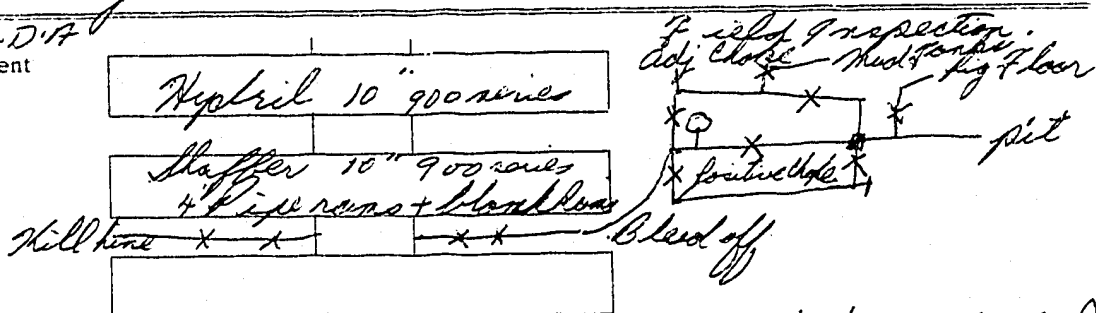
OIL AND MINERAL DIVISION

RIG INSPECTION REPORT

TO BE COMPLETED AS REQUIRED

A. Contractor Laurie H. Loren Drilling Ltd. Rig: 2 Toolpusher O. Clark
 Well Name Oacatta et al. Camp in Oklahoma Date and Time of Inspection Dec 7/71 @ 15:45
 Operation in Progress Drilling Depth 3291 Projected Total Depth 6500'

B. Blowout Prevention Equipment
OK



Description and Location of pressure source Accumulator, Nitrogen bottles & Baker Pump

Location of BOP controls Rig floor, accumulator slack

What kind of test was witnessed? Mechanical ✓ Pressure ✓ Describe test Satisfactory
Motor shut off, Hydril, Pipe Rams. Closed in 8-10 seconds.

Satisfactory	Unsatisfactory		
✓	✓	1. Is drilling authority posted?	Drilling Authority
✓		2. Was drilling authority issued before well spudded?	
✓		3. Does BOP equipment appear to be properly connected? <u>Repaired wheel not hooked up.</u>	BLOWOUT
✓		4. Are BOPs tested daily?	
✓		5. Was equipment adequately pressure tested before drilling out casing shoe?	PREVENTION
✓		6. Did it appear all of crew knew how to operate equipment?	EQUIPMENT
✓		7. Is wellhead adequately heated for winter operation?	
✓		8. Are bleed-off lines tied down?	
✓		9. Are distance requirements for following equipment satisfactory?	FIRE
✓		(a) Boiler (150')	HAZARDS
✓		(b) Open flame or electrical element heaters (75')	
✓		(c) Flare pit to wellhead (150')	
✓		(d) Oil or rubbish 75'	
✓		10. Are smoking regulation being observed?	
		11. Are tour reports satisfactory?	TOUR REPORTS
✓		12. Have required number of deviation surveys been run? <u>Out to 2 1/2' back to 1 1/2'</u>	
✓		13. Are there any apparent hazardous conditions on the rig?	
✓		14. Does equipment conform to special H ₂ S area requirements? <u>3 gas masks</u>	MISCELLANEOUS
✓		15. Is well properly located with respect to buildings, roads, etc? <u>Inhalator</u>	

D. Remarks and Recommendations

Item No.	(Any action required of Calgary Office must be listed here.)
1.	Conductor Pipe on D.A. 13 3/4" x 4 1/2" x H 40' @ 100' W 95C Run to 60' with 90C
2.	Surface Pipe on D.A. 9 5/8" x 3 1/2" x H 55' @ 600' W 400C Run to 696' with 38C
3.	Rig equipped with a stripomatic worked in satisfactory manner
4.	Blind Rams, Kelly cock, Hydril tested to 1500 psi for 15 minutes
5.	B.O. Pi reacted well but slow in activating B.O. Pi's because of lack of grease on activating valve.
6.	Kelly cock installed. P.A. Escape buggy installed.
7.	Pit kept clean and in good order. First aid kit in place and first aid instructions.
	Toolpusher instructed to maintain B.O. equipment in a satisfactory manner.
8.	Electrical System satisfactory.
9.	Wished Toolpusher to install pressure gauge on manifold with greater travel to register 350 psi back pressure.
Field Office	<u>Yellowknife</u> Division Representative <u>J. E. Blue</u>

Original to Oil Conservation Engineer Dept. of IA & ND Calgary.
 First copy to Field Office, or Inspecting Engineer.

LAND-500-15 (8-69)

10. Drilling authority to be posted in Day House and Toolpusher's back.

Drilling Authority No. 556

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application for a Drilling Authority

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

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

Name and number of well. Decalta et al Champlin Dahadinni D-65
Location: Unit D Section 65 Grid 64-00 - 124-15
Latitude 63° 54' 12" N Longitude 124° 27' 55" W
Unique Well Identifier. 300D656400124150
Universal Well Location Reference. 63.903333°N 124.465278°W
Elevation: Ground 825 K.B. 840 feet above sea-level.
Well is expected to produce from Exploratory formation at a depth
of about feet. Expected total final depth. 6,500
Area assigned to well

(for Oil Conservation Engineer's use only)

✓ Permit No. 5361 Lease No. Acreage 56,332
✓ Permittee, licensee, or lessee Champlin Petroleum Company
✓ Exploratory Licence No. 1813
Surface owned by Crown or Crown
Petroleum and natural-gas rights owned by Crown
(If allocated submit name and address of owner and occupant.)

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

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Feet of Cement
1. 9-5/8	36	J-55	New	600	400
2. 13-3/8	48	H-40	New	100	95
3.					
4.					
5.					

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

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

Responsible agent of applicant:— Contractor's Business Licence No. 0989
At well At registered office W. G. Tyler
Address Address 630 - 6th Avenue S.W., Calgary 1
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary this 5th day of November 1971
Signed by [Signature] Company Western Decalta Petroleum Limited
Title Chief Engineer Operator's Licence No. 1420 ✓

(For Oil and Mineral Division use only)

APPROVED

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

Dated Nov 15 1971 [Signature]
Oil Conservation Engineer

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

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO.
FOR

1. Copies of this Drilling Authority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.
2. The Company will submit to this office on Tuesday of each week, a Progress Report on the well. The Oil Conservation Engineer may request more frequent reports.
3. All waste materials shall be disposed of in a manner that will prevent pollution to adjacent areas.
4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.
6. All shows (small or large) of oil and gas are to be reported immediately.



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

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

DRILLING PROGRAM

GUTHRIE McLAREN DRILLING LTD.

WELL NAME: Decalta et al Champlin Dahadinni D-65

CO-ORDINATES: 63° 54' 12" N. Lat., 124° 27' 55" W. Long.
(D65 of 64° 00' N, 124° 15' W.)

LOCATION: Shot point 78 or 79 on Line B.

ESTIMATED GROUND ELEVATION: 825 Feet

ESTIMATED K. B. ELEVATION: 840 Feet

GEOLOGIC PROGNOSIS:

<u>Formation</u>	<u>Depth KB</u>	<u>Elevation</u>	
Cretaceous	0 feet	plus	825 feet
Basal Cret. Sand or			
Devonian Sand	1900 feet	minus	1060 feet
Devonian Shale	2000 feet	minus	1160 feet
Kee Scarp	3500 feet	minus	2660 feet
Hume	4320 feet	minus	3480 feet
Bear Rock	4600 feet	minus	3760 feet
Ronning	6000 feet	minus	5160 feet
Total Depth	6500 feet	minus	5660 feet

Ten foot samples are required from surface
to total depth.

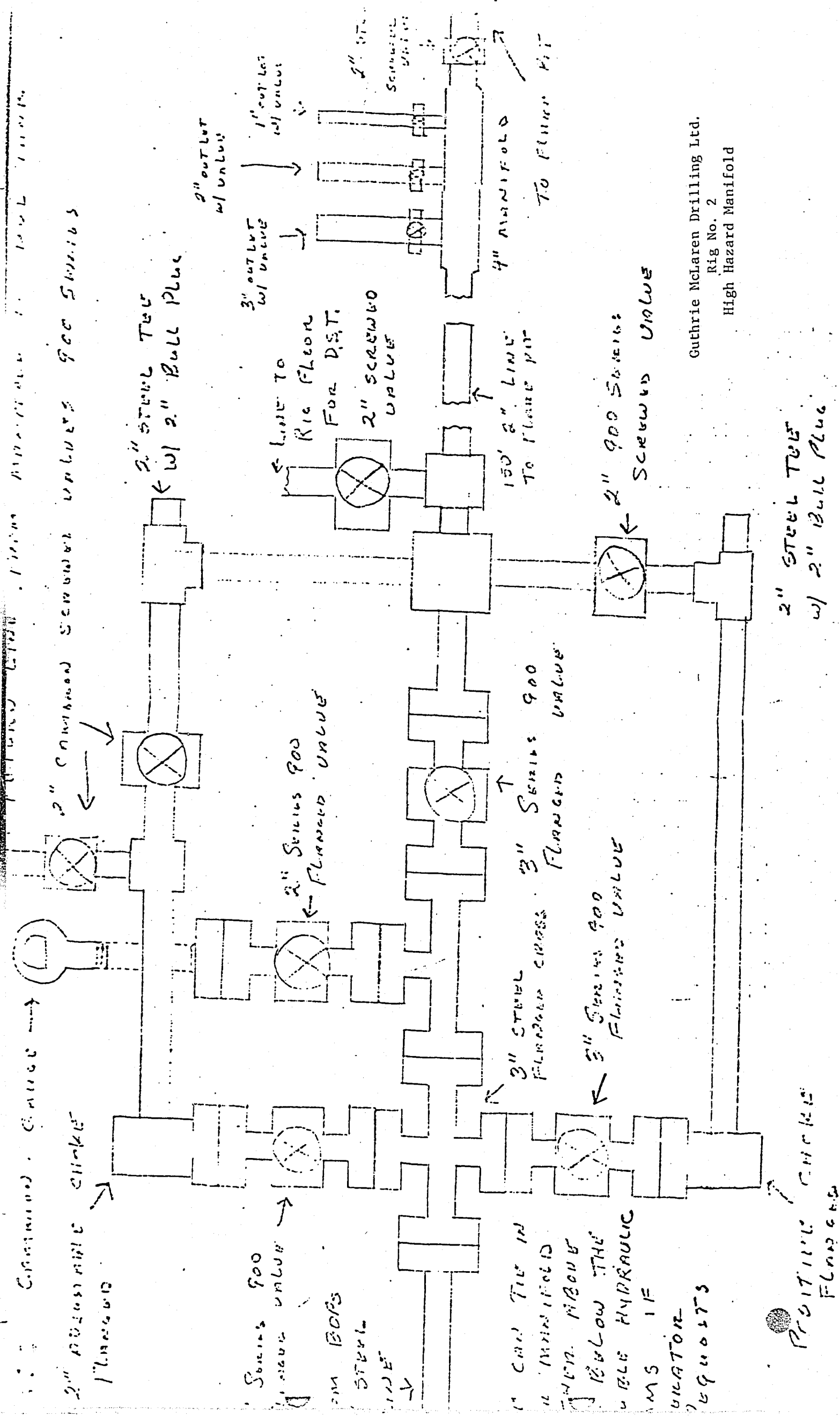
DRILLING PROGRAM:

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

DRILLING PROGRAM - Continued:

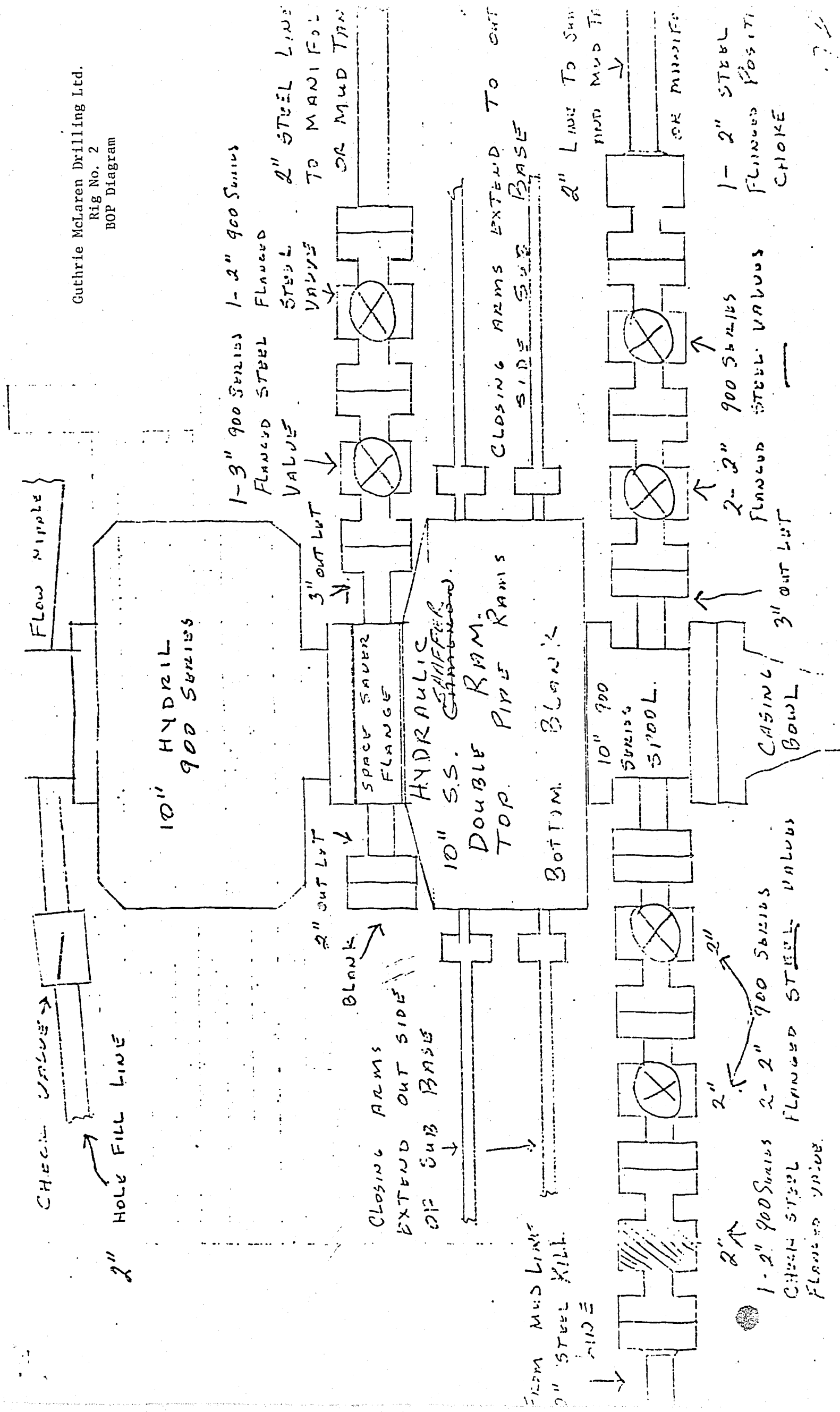
2. Spud with $12\frac{1}{4}$ inch bit and make 60 feet of hole below the bottom of conductor pipe. Pull out and stabilize as per Appendix I. Survey every 60 feet or every 30 feet if any survey reads over $\frac{3}{4}^{\circ}$. In the event hole deviation exceeds $\frac{3}{4}^{\circ}$ pilot with stabilized $8\frac{3}{4}$ inch bit to 600 feet and ream to $12\frac{1}{4}$ inch hole with $12\frac{1}{4}$ inch hole opener and side wall reamer. Ensure the bottom 100 feet of casing is set in a consolidated formation. Utilize a standard gel water system for surface hole.
3. Run 600 feet of 9 5/8 inch 36 lb. K-55 ST&C casing equipped with guide shoe, float baffle and two centralizers on the bottom two joints. Cement with ~~300~~ sacks Portland cement plus two percent calcium chloride. Ensure cement returns to surface. Allow a minimum of 24 hours WOC prior to drilling out.
4. Drill out with an $8\frac{3}{4}$ inch bit and make 200 feet of hole. Trip and add stabilization equipment as per Appendix II. Deviation is general in the Shale formations. Survey a minimum of every 150 feet. Utilize a low solids Benex mud system below surface and run desilter continuously to ensure mud weights below 8.6 lb/gallon. 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 feet. Use caution when making connections immediately below these zones.
6. Upon reaching total depth run IES and BHCS logs from total depth to the surface casing shoe. Detail over specific zones will be done at the request of Western Decalta's representative.

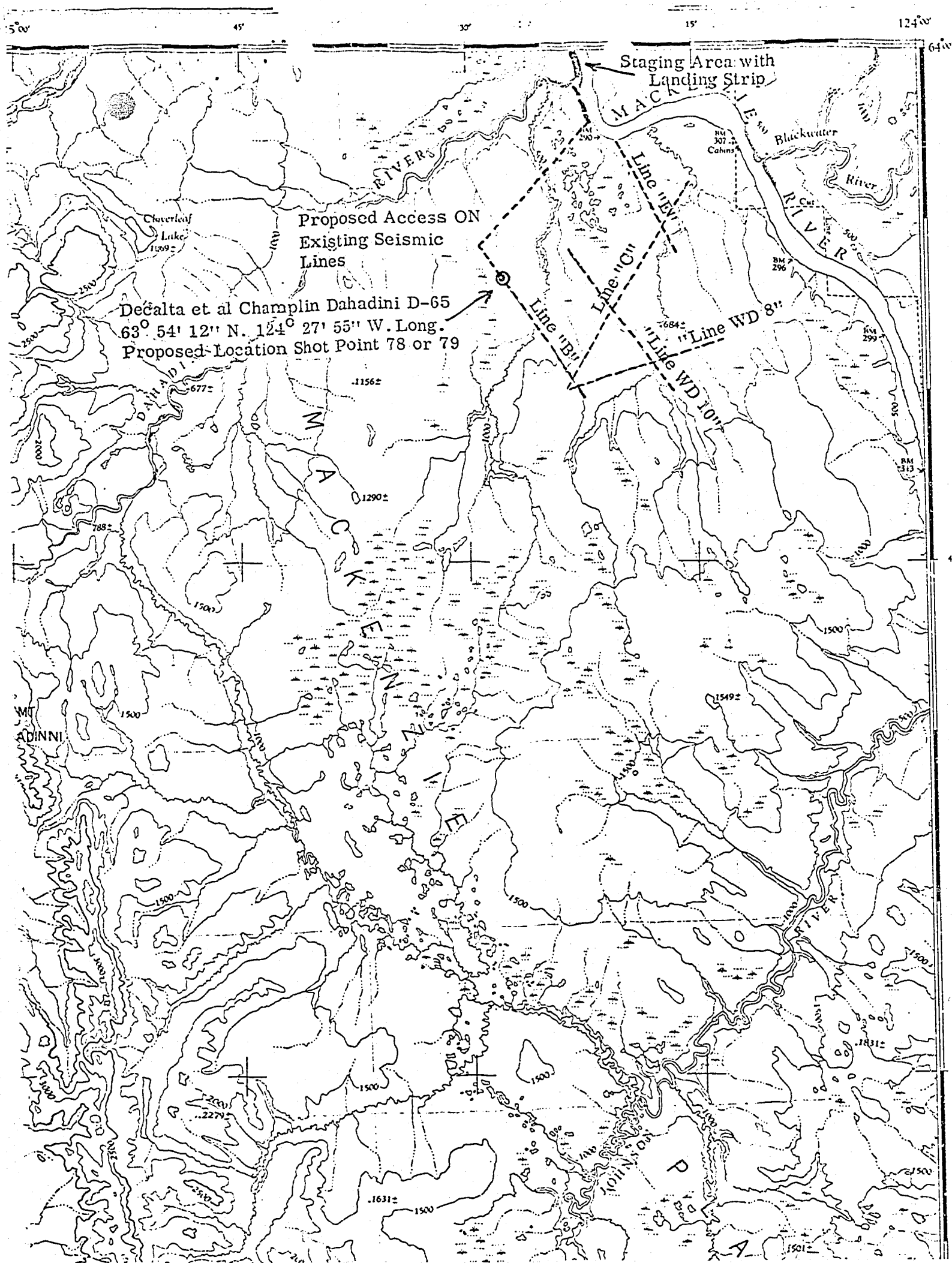
POOR COPY



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

Guthrie McLaren Drilling Ltd.
Rig No. 2
BOP Diagram





WELL HISTORY REPORT

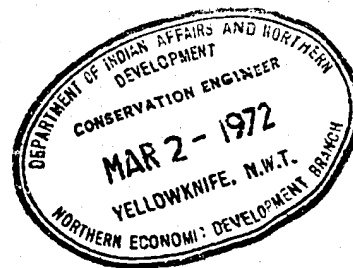
on

DECALTA et al CHAMPLIN DAHADINNI D-65

63 degrees 54' 12" N. 124 degrees 27' 55" W.

NORTHWEST TERRITORIES

CANADA



Submitted by

John K. Ontko
Professional Geologist

19-11-5-30

WELL HISTORY REPORT
on
DECALTA et al CHAMPLIN
DAHADINNI D-65
NORTHWEST TERRITORIES

WELL HISTORY REPORT

on

DECALTA et al CHAMPLIN DAHADINNI D-65

63 degrees 54' 12" N. 124 degrees 27' 55" W.

NORTHWEST TERRITORIES

CANADA



Submitted by

John K. Ontko
Professional Geologist

TABLE OF CONTENTS

GEOLOGIC ABSTRACT

SUMMARY OF PERTINENT WELL DATA

SUMMARY OF SUB SURFACE DATA

SAMPLE DESCRIPTIONS

ENGINEERING SUMMARY

BIT RECORD

MUD RECORD

DAILY PROGRESS REPORT
WITH DEVIATION RECORD

ABANDONMENT PLUGS

LITHOLOGIC LOG

GEOLOGIC ABSTRACT

The Decalta et al Champlin Dahadinni D-65 well was drilled on a geophysical "high" which indicated a reef high or possible geological fault. The latter was present with the Hume Formation repeating itself.

There was much hole problem encountered with the shales sloughing badly, particularly from the Hare Indian Formation.

The well was deepened to 8000' from the original proposed depth of 6500' to evaluate the Bear Rock Formation and possibly encounter the Ronning. The Ronning was not penetrated with the Bear Rock thicker than expected and very anhydritic.

No porosity was present with no drill stem tests run.

The well bottomed at 8000' in the evaporitic sediments of the Bear Rock Formation.

SUMMARY OF PERTINENT WELL DATA

NAME OF WELL: Decalta et al Champlin Dahadinni D-65
LOCATION: Unit D Section 65 Grid 64 - 00
124 - 15
Latitude 63 deg.54'12"N
Longitude 124 deg.27'55"W
Approximately 30' NNW SP 77 Line B
PERMITEE: Champlin Petroleum Company, Permit #5361
EXPLORATORY LICENSE #: 1313
OPERATOR: Western Decalta Petroleum Ltd.,
630 - 6th Avenue S.W.,
CALGARY 1. Alberta.
DRILLING CONTRACTOR: Guthrie McLaren Drilling Ltd., Rig #2
DRILLING AUTHORITY: #556. Issued Nov15/71. Amended Jan.//72
CLASSIFICATION: New Field Wildcat
ELEVATION: 833 ground 846.5 K.B.
SPUDDED: 2:00 AM, November 27th, 1971
DRILLING COMPLETED: 3:45 PM, January 17th, 1972
TOTAL DEPTH: 8000' - driller
WELL STATUS: Dry and Abandoned
RIG RELEASED: January 24th, 1972
HOLE SIZES: 12 1/4" 0 - 696
8-3/4" 696 - 8000
CASING: 22 jts. 9-5/8" 36#K5 701.70' Cemented
w/380 sax const. + 3% CaCl2. Landed
@696'K.B. Plug down 11:59 PM, Nov. 29th.
NO. OF DST'S: 0
NO. OF CORES: 0
LOGS: Schlumberger IES, BHCSG, Dipmeter
TOOLPUSHERS: B. Briscoe, O. Clark
WELLSITE SUPERVISOR: J. Ontko
HEADQUARTER
SUPERVISION: A. Patterson
T. Tyler (engineering)
DISTRIBUTION OF DATA: Well cuttings (1bag) Institute of Pet. &
Sed. Geology
Well cuttings (1 bottle) Decalta
Schlumberger logs (field) Decalta
(original) Schlumberger
Lithology log (original& prints) Decalta
Geolograph - 1-Decalta & 1 Guthrie McLaren

SUMMARY OF SUB-SURFACE DATA

K.B. 846

FORMATION

Drilling E-log
Depth Depth Elevation

Perma Frost

40

Sans Sault

1910 -1064

Base of Sans Sault

2230 -1384

Base of Imperial

2348 -1502

Canol

4180 -3334

Hare Indian

4480 -3634

Hume

5285 -4439

Fault Hare Indian

5655 -4809

2nd Hume

5812 -4966

Headless

6222 -5376

Bear Rock

6580 -5734

T. D.

8000

SAMPLE DESCRIPTIONS

Samples begin at 100'. Driller reported permo-frost to approximately 40'.

- | | |
|-----------|--|
| 100 | Shale - light grey, soft, balls-up when wet, massive, slightly silty with occasional minute flake of mica (sericite.) |
| 110 - 20 | Shale - becoming rusty (ferruginous) in part, with minor amount of grey, fine grained, sub-angular, fairly well sorted, salt and peppered, argillaceous sandstone which is iron-stained in part; siltstone - present as trace. |
| 130 | Shale - as above with shale becoming slightly brownish with occasional white specks (non-calcareous). |
| 140 - 50 | Shale - with slight increase to 30% of the argillaceous sandstone content. The iron stain remains common to abundant. |
| 160 | Shale - without sandstone. Rusty stain decreasing to minor. |
| 170 | Shale - with trace of shale, dark grey, blocky. Rusty stain becoming a trace. |
| 180 | Shale - with one light colored, rounded, quartzite grit (caving?) |
| 190 | Shale - as above, light grey to light greyish brown, soft, plastic when wet, with minor amount of rust stained shale. |
| 200 | Shale - becoming silty and grading to siltstone. |
| 210 | Shale - much less silty. One fragment of pyritiferous fossil wall columns. |
| 220 | Shale - as above, slightly silty in part. |
| 230 - 240 | Shale - becoming siltier, few rounded, varicolored chert pebbles. Hole lost circulation. Pebbles probably from zone near surface where this loss is presumed to have occurred. |
| 250 | Shale - grading in part to a siltstone - light grey, very argillaceous. |
| 260 | Shale - trace of dark grey, blocky, slightly micaceous shale. |
| 270 | Shale - as above, without silt portion. |

- 280 Sandstone - rust colored, fine grained, rounded, fair sorting, salt and peppered with matrix more than 50% consisting of hard, rusty, ironstone. Chips have appearance of honeycomb where sand grains popped out. Minor amount of light grey, siltstone; trace of pyrite, few chert pebbles.
- 290 - 340 Shale - light grey to grey brown, soft as above with occasional chip of dark grey, slightly micaceous, blocky shale.
- 350 Shale - as above with trace of disseminated pyrite.
- 360 - 70 Shale - slightly micaceous in part.
- 380 Shale - with minor amount of sandstone - light grey, fine grained, sub-rounded, poorly sorted, very argillaceous, salt and peppered with white specks.
- 390 Sandstone - as described above with abundant light brown and dark grey, blocky shale.
- 400 Shale - as above, arenaceous in part.
- 410 Sandstone - as previously above.
- 420 Shale - as before with abundant above sandstone.
- 430 Shale - as above with sandstone becoming very argillaceous.
- 440 Shale - with sandstone very minor in amount and grading to an arenaceous shale.
- 450 - 490 Shale - as above, light grey to brownish grey, soft, earthy appearance, occasionally silty to arenaceous, in part dark grey, blocky. The odd rounded quartzite and/or chert pebble present.
- 500 Shale - as above, shale becoming more blocky and competent in habit, predominantly light grey, grading in part to medium grey.
- 580 Shale - as above. Trace of ironstone.
- 590 - 620 Shale - as above.
- 630 - 60 Shale - as above becoming increasingly more medium grey in color to at times approximately 30%.

- 670 Shale - medium to dark grey, blocky to fissile with trace of bentonite. A DEFINITE CHANGE IN SHALE TYPE.
- 680 Shale - becoming increasingly darker grey and fissile, with trace of light grey to medium grey, waxy shale. Few fragments of aragonite columns.
- 690 - 760 Shale - predominantly dark grey, blocky to fissile, duller in lustre as if shale in petroliferous or carbonaceous. Occasionally there is a waxy lustre; bentonite is often present as trace.
- 770 - 840 Shale - as above with dark grey, blocky to fissile, micro-micaceous shale more common to prevalent. Trace of micro-fossils and occasional pyrite and aragonite fragment.
- 850 Shale - as above with trace of grey, argillaceous sandstone with white and black flecks (appears similar to the fishscale sand.)
- 860 - 870 Shale - as above.
- 880 Shale - trace of grey, massive, crypto-crystalline limestone, pyrite.
- 900 - 30 Shale - as above with odd white limestone chip.
- 940 - 80 Shale - as above, medium to dark grey, fissile to blocky, slightly micro-micaceous.
- 990 Shale - as above, few chips of light grey marlstone.
- 1000 - 30 Shale - clean shale as above.
- 1040 Sandstone - light grey, fine grained, fairly well sorted, angular, carbonaceous with a kaolinitic matrix. Tight. Sand consists mainly of translucent quartz with a very minor amount to a trace of mica (sericite, muscovite) occasional grain of rose quartz and chlorite. Minute carbonaceous fragments are abundant, giving the sand a salt and peppered appearance. The matrix is white kaolinite which occupies approximately 30% of the volume. The sandstone grades to siltstone. No effective porosity. No stain.
- 1050 Sandstone - grading to siltstone slightly calcareous as above with abundant medium grey, blocky, silty shale - 30%. Trace pyrite.

- 1060 Sandstone - with shale as above. (Note:- drill string has 5 stabilizers over the distance to 100' above the bit. Therefore, the sample quality is poor as they are from this overall interval. Penetration is even at less than 1 minute per foot, which does not aid in differentiating bed thicknesses.)
- 1070 - 80 Sandstone - as above. Shales approximately 30%. Occasional sandstone chip shows poor porosity, however, never enough to indicate a marginal effective reservoir.
- 1090 - 1100 Shale - dark grey, blocky, slightly micaceous, carbonaceous and in part silty with minor amount (15%) of above very fine grained, argillaceous, carbonaceous sandstone.
- 1110 Shale - as above. Sandstone content increasing to approximately 50%, ranging in size to fine grained.
- 1120 - 90 Shale - as above. Sandstone approximately 30%.
- 1200 Shale - as above. Sandstone approximately 50%.
- 1210 - 60 Shale - as above. Sandstone less than 30%.
- 1270 - 1310 Shale - as above. Sandstone approximately 40 - 50%.
- 1320 Shale - as above - decrease in sandstone content to 30%. Sandstone becoming generally fine textured in the very fine grained range.
- 1330 - 50 Sandstone - as above, grey, very fine to fine grained, becoming more carbonaceous with few chips of soft coal. Non calcareous. Shale of above common - approximately 30%.
- 1360 - 90 Shale - dark grey, blocky, slightly silty in part with abundant of the above very fine grained, argillaceous, carbonaceous sandstone - 30%. Occasional fragment of pyrite.
- 1400 - 20 Shale - with above sandstone approximately 50 - 60%.
- 1430 - 40 Sandstone - as above, grey, very fine grained, carbonaceous, argillaceous, tight with abundant shale.
- 1450 - 70 Shale - as above with abundant carbonaceous sandstone 40%. Few pyrite fragments continue to be present.

- 1470 - 1500 Shale - as above, decrease in amount of sandstone to less than 30%.
- 1510 - 20 Shale - as above, slight increase in carbonaceous sandstone to approximately 50 - 60%.
- 1530 - 90 Sandstone - grey, fine to very fine grained, carbonaceous, argillaceous as above grading to siltstone in part. Shale as above, minor in amount.
- 1600 - 1620 Shale - dark grey, blocky, slightly silty in part, with above very fine grained, argillaceous sandstone common 30%.
- 1630 - 40 Shale - dark grey in part medium grey, blocky, slightly micro-micaceous with minor amount less than 20% of the above grey, fine grained, argillaceous, carbonaceous sandstone.
- 1650 - 1760 Shale - as above, decrease in sandstone to very minor to a trace.
- 1770 - 1810 Shale - as above with trace of ironstone.
- 1820 - 1890 Shale - becoming predominantly dark grey, blocky, in part fissile. Differs from above by dark color and angularity of chips. Occasional fragment of pyrite present as previously.
- 1900 Shale - as above with trace of light grey and light brown siltstone.
- 1910 Shale - as above with increase in light brown siltstone to approximately 10% of sample.
- 1920 Shale - decrease in siltstone to a trace.
- 1930 Shale - with minor amount of greenish grey, argillaceous siltstone.
- 1940 Siltstone - greenish grey, argillaceous, slightly micaceous, flecked with grey and brownish grey, blocky shale common.
- 1950 Siltstone and Shale - as above.
- 1960 Siltstone and Shale - as above with minor amount of sandstone, grey, fine grained, sub-angular, fair sorted, carbonaceous, kaolinitic matrix. Framework 80%.
- 1970 - 80 Siltstone and Shale - as above with trace of light brown marlstone, few chips of grey green shale.

1990	Siltstone and Shale - as above with decrease of sandstone content to less than 10%.
2000	Siltstone and Shale - shale predominates.
2010	Siltstone and Shale - as above. Trace of light grey brown marlstone.
2020 - 40	Siltstone and Shale - with increase in amount of greyish green, argillaceous siltstone to approximately 50%. Marlstone remains as a trace. The fine grained, carbonaceous sandstone remains common (cavings.)
2050 - 90	Siltstone and Shale - decrease in siltstone to approximately 25%. Predominantly dark grey, blocky to fissile shale and minor amount of lighter grey, fissile to blocky, micro-micaceous shale.
2100	Siltstone - greenish grey as above, with shale as above common - 20%.
2110 - 30	Siltstone - increase in shale content to 40%.
2140 - 50	Siltstone - decrease in shale to 20%.
2160	Siltstone - shale approximately 40%.
2170	Shale and Siltstone - as above, shale greater than 50%.
2180	Shale and Siltstone - decrease in shale to less than 40%.
2190 - 2200	Shale - as above. Siltstone becoming very argillaceous, grading to a silty shale (20%.)
2210	Shale - increase in siltstone to approximately 40%. Trace of light grey to light brown marl with occasional inclusions of rounded reddish brown grain inclusions.
2220	Shale - greyish brown, blocky earthy appearance, with abundant medium to dark grey, slightly micro-micaceous shale. Minor amount of very dark carbonaceous shale. Trace of soft, dirty (earthy) coal. Marl continues present as a trace as above.
2230 - 2410	Shale - predominantly dark grey, dull, occasionally waxy, ranging to light grey, in part brownish, with minor amount of argillaceous and/or carbonaceous, light sandstone. Marl present as

a trace to quite obvious. Siltstone present in varying minor amounts. Pyrite often present. This section is a hodge-podge, typical non marine to transitional environment.

- 2420 - 40 Shale - becoming primarily light to medium to dark grey, blocky, slightly fissile shale. Marl, sandstone and siltstone remain in minor amounts. Trace of pyrite also continues to be present.
- 2450 Shale - as above, greyish brown shale common.
- 2460 Shale - the occasional greyish brown shale chip has a maroon stain.
- 2470 - 2540 Shale - as above with a minor amount to a trace of sandstone, siltstone and marl.
- 2550 - 2700 Shale - as above with trace of reddish stained (mottled) shale. Occasional ochre stained chip. Fossil (pelecypod) fragments and aragonite columns, and pyrite scattered through this section. Pitted, rounded, rose quartz grains are present occasionally in the marl (mentioned earlier.)
- 2710 Shale - as above, with much light brown to reddish stained shale (25%). K.B. Not burned sample.
- 2720 - 2790 Shale - decrease to trace of brownish colored shale, the dull, dark grey shale is more prevalent than before. The light grey, fine grained, carbonaceous, kaolinitic sandstone remains present, never more than 5% of sample.
- 2800 Shale - as above. The very dark grey to dull black shale quite readily noticeable in this sample.
- 2810 - 70 Shale - as above, shale is predominantly medium to dark grey, blocky, occasionally fissile to splintery. Sandstone, siltstone and marl is only a trace.
- 2873 Drill break from average 3.5 Min./ft. to 2.2 Min./ft.
- 2880 Shale - as above. Slight trace of light brown to light grey, slightly dolomitic, tight, quartzose sandstone. Few chips of clusters of siderite pellets. No visual porosity.
- 2890 Shale - as above. No increase in amount of slightly dolomitic sandstone or light brown siderite clusters. No porosity.

- 2893 circu-
lated. Shale - as above. Very few chips of sand-
stone and siderite. No noticeable increase
of loose sand grains.
- 2900 Shale - as above with few chips of light grey
marl (appears as a CO_3 but does not dissolve
in hot acid.)
- 2910 Shale - as above with increase in light grey
marl.
- 2920 Shale - light grey, micaceous shale abundant.
- 2930 - 80 Shale - becoming predominantly medium to dark
grey, blocky shale as before with continuing
presence of minor amount to a trace of carbona-
ceous sandstone, marl and siltstone.
- 2990 - 3000 Shale - as above with abundant light grey,
blocky to fissile to slightly splintery,
micaceous shale.
- 3010 Shale - predominantly light to medium grey,
same habit as above.
- 3020 Shale - with abundant dark grey to black and
minor amount of brown shale.
- 3030 - 50 Shale - light to medium grey, occasionally
dark grey, blocky with minor amount with
fissile and splintery habit. Shale is
relatively clean with very minor amount to
a trace of siltstone (grey and green) and
marlstone.
- 3060 Shale - as above with minor amount of grey,
fine grained, carbonaceous, kaolinitic
sandstone (cavings?)
- 3070 Shale - decrease in sandstone content.
- 3080 - 3160 Shale - as above, marlstone and siltstone
continue present in a trace amount.
- 3120 - 80 Shale - as above with very slight trace of
light brown, very fine grained, slightly
dolomitic, tight sandstone. Less than $\frac{1}{2}\%$.
- 3190 - 3700 Shale - as above - light to dark grey,
blocky to fissile, the light grey is slightly
micro-micaceous.

- 3700 - 4160 Shale - increase in amount of the light medium grey, fissile to slightly splintery shale to more than 50%. Occasionally there is a trace of disseminated pyrite.
- 4170 Shale - as above. Trace of black, bituminous (?) shale.
- 4180 - 4260 Shale - as above with increase in amount of hard, black, bituminous (?) shale. Approximately 40%. Occasional trace of pyrite.
- 4270 Shale - as above. Trace of white calcite infill of fractures. Pyrite more obvious. Drilling becoming rough.
- 4280 Shale - increase in hard, black shale. Pyrite remains obvious. Few chips of black, hard, silicified material, looks like "Black-Jack."
- 4290 - 4310 Shale - as above. Few chips of red stained shale.
- 4315 Trip to change bit. 110' of fill on bottom. Hole unloaded with much shale caving during drilling.
- 4320 - 40 Shale - indurated, black shale of above approximately 40%, with increase of light, slightly greenish, blocky to fissile to splintery shale which is similar to the Canol type shale of above.
- 4350 Shale - the black, blocky shale predominates 60+%. Pyrite continues to be present as an obvious trace.
- 4410 - 4490 Shale - the hard, dull, black, blocky, bituminous shale of above predominates the section 50+%.
- 4500 - 20 Shale - as above with the light grey, fissile, blocky to splintery shale predominant. The hard, black shale varying in amount from 20-40%.
- 4530 - 4740 Shale - as above. Black shale less than 10%.
- 4750 - 60 Poor samples. Hole caving badly.
- 4770 - 5020 Shale - as above, medium grey, blocky to fissile, in part lighter grey, slightly micaceous.
- 5030 - 70 Shale - as above, with trace of white calcite which infills fractures in dark grey to black

shale (similar to 4270.)

- 5000 Shale - as above with black, fissile, slightly pyritiferous shale.
- 5090 - 5190 Shale - as above, predominantly medium grey, in part light grey and dark grey.
- 5199 Hole conditions poor. Took two days to clean to bottom from 4100'. Much shale came out of hole.
- 5200 - 10 Shale - poor sample - medium grey, fissile to splintery with considerable dark grey, fissile to splintery shale. Trace of black, blocky shale (cavings.) Occasionally fragments of pyrite.
- 5220 - 30 Shale - as above with increase in black, blocky shale - 10%.
- 5240 Shale - increase in black, blocky shale to approximately 25%.
- 5250 Shale - increase in black, blocky shale to approximately 40%.
- 5260 Shale - as above with trace of dark grey, blocky, very limy shale.
- 5270 Shale - as above.
- 5280 Shale - dark grey, blocky, limy shale, grading to an argillaceous, very fine grained limestone - remains a trace.
- 5290 Shale - dark grey to black, very calcareous, speckled and streaked white.
- 5300 - 70 Limestone - light brown grey, earthy to hard, dark brownish grey, very finely granular, argillaceous, massive, with micro to macro fractures infilled with white calcite. Occasional suggestion of isolated fossil molds that are infilled with calcite. Few fossil fragments apparent, brachiopod and crinoid recognized.
- 5380 - 90 Limestone - as above with the hard, brittle, dark brownish grey, micro-crystalline, slightly dolomitic limestone becoming more abundant. Approximately 25%.
- 5400 Limestone - as above with much white calcite infilling fractures and vugs (?)

- 5410 - 30 Limestone - decrease in the darker brownish grey, brittle limestone. White calcite abundant. Limestone continues to be argillaceous with earthy appearance.
- 5440 - 60 Limestone - the darker brownish grey, hard, brittle, argillaceous, slightly dolomitic, micro-crystalline limestone is prevalent, with a noticeable decrease in white calcite.
- 5470 - 5510 Limestone - ratio of the two limestone, the earthy and brittle, runs approximately 1:1. Fossil fragments continue present. Vein calcite remains a trace as above.
- 5521 Trip to change bit. Hole sloughed. Had to clean from 5050' to T.D.
- 5521 poor sample, much cavings.
- 5530 Limestone - as above, dark grey brown, hard, micro-crystalline and light grey brown, earthy. Fossiliferous and argillaceous. Considerable shale cavings.
- 5540 - 50 Limestone - as above with cavings becoming minor in amount.
- 5560 - 90 Limestone - has become predominantly a hard, darker brownish grey, very argillaceous, micro-crystalline and slightly dolomitic. The lighter grey, earthy limestone is minor in amount grading to a trace.
- 5600 - 10 Limestone - as above, very argillaceous with minor amount of white, massive calcite. Trace of black, very calcareous, blocky shale.
- 5620 Limestone - the light grey brown, earthy, fossiliferous limestone remains present in minor amounts.
- 5630 - 40 Limestone - slight increase in white calcite content which infills fractures and vugs. Stylolite observed infilled with argillaceous material. Trace of black, blocky shale (caving?)
- Top of Brecciated Zone
- 5650 Limestone - as above. Calcite becoming common to abundant.
- 5660 - 70 Limestone - as above. Calcite very abundant, primarily infilling fractures. Appearance of a brecciated zone.

- 5680 Limestone - as above with trace of hard, black, blocky shale.
- 5690 Limestone - with abundant dark grey to black, hard, blocky shale.
- 5700 - 10 Shale - dark grey to black, hard, blocky to fissile, non calcareous with the above limestone and particularly the calcite common.
- 5720 - 50 Shale - as above. Limestone and calcite decrease to a trace in amount. Shale occasionally has polished side. Slickenside?
- 5760 Shale - as above. Shale apparently fossiliferous, brachiopod (Spirifer) mold recognized. Occasional chip medium to a lighter grey.
- 5770 Shale - as above, with few lighter grey shale chips and limestone fragments (cavings.)
- 5790 - 5810 Shale - with occasional pyrite lump.
- 5820 Shale and Limestone - shale - light to dark grey to black, fissile to blocky (cavings?) with abundant light grey brown, earthy, fossiliferous, argillaceous limestone and darker grey brown, argillaceous, hard, micro-crystalline limestone. Both types of limestone exhibit white calcite infilled fractures and voids.
- 5830 - 60 Limestone - as above, in part very argillaceous grading to a limy shale with abundant various grey colored shale as above. The black, blocky shale is very abundant. (Shale is cavings?)
- 5870 - 5900 Limestone - as above. Noticeable decrease in amount of shale to less than 35%.
- Trip to change bit at 5904. Hole caved. Had to clean to bottom from 4922 (24 hours.)
- 5910 Limestone - predominantly medium to dark grey to black, blocky shale (cavings?) with minor amount of micro-crystalline, dark grey brown, hard, argillaceous limestone. Similar to above. (A micrite.)
- 5920 Limestone - as above. Poor sample. Limestone has earthy texture in part.
- 5930 Limestone - both earthy and hard, micro-

crystalline, argillaceous types of above are present. The latter is predominant. Shale decreasing in amount.

- 5940 - 70 Limestone - as above, with the limestone very dark brown, in part. Predominantly hard, dark brown, argillaceous, micro to crypto-crystalline.
- 5980 - 6000 Limestone - as above, a micrite, predominantly hard, dark brown, argillaceous, crypto-crystalline, with minor amount of lighter grey, earthy, slightly fossiliferous, micro-crystalline limestone.
- 6010 Limestone - there are calcite infilled vugs (fossil molds) and/or fractures in the hard, micro to crypto-crystalline limestone. Suggests infilled isolated vugs in a micrite. The occasional chip, when observed wet, illustrates floating lime grains in the lime mud (micrite.)
- 6020 Limestone - as above. Possibly some of the isolated vugs are not completely infilled with calcite as there is occasional suggestion of drusy appearance.
- 6040 Limestone - dark brown, micro-crystalline, slightly dolomitic and argillaceous. Fossiliferous. Occasional vug infilled with clear calcite as above. Trace of white, medium to coarse crystalline, tight dolomite.
- 6050 Limestone - as above with minor amount of light grey, earthy to micro-crystalline, argillaceous limestone. Odd chip of white dolomite.
- 6060 Limestone - as above. Trace of pyrite.
- 6070 Limestone - argillaceous, dark brown, micro to crypto-crystalline and light grey, earthy limestone as above.
- 6080 Limestone - as above - dark brown type 90%.
- 6090 Limestone - grading to earthy 7:3 ratio.
- 6100 Limestone - hard, dark grey to dark grey brown, argillaceous, crypto to micro-crystalline.
- 6110 - 50 Limestone - grading in part to light grey, earthy. Slightly fossiliferous.
- 6160 Limestone - as above. Poor sample - much

shale cavings. Roughneck was cleaning shale settling tank when this sample caught.

- 6170 Limestone - as above, with minor amount light grey, earthy to very fine crystalline, non-argillaceous. Trace of white chalky limestone.
- 6180 - 90 Limestone - as above, predominantly hard, dark grey brown, micro to crypto-crystalline, argillaceous, slightly fossiliferous limestone. Much light to medium to dark grey and black non-calcareous shale (cavings) continue to be present.
- 6200 Limestone - as above with the light grey, chalky to earthy, argillaceous limestone more obvious as a trace amount.
- 6210 Limestone - dark brown, micro-crystalline, argillaceous, with minor amount of light grey, argillaceous, earthy limestone.
- 6220 - 40 Limestone - with light grey, argillaceous, earthy textured limestone (very calcareous shale?) very common to abundant.
- 6250 Limestone - with increase in light grey, argillaceous, earthy limestone. Shale medium to dark grey, calcareous, blocky, is abundant.
- 6260 Shale and Limestone - shale is dark grey, blocky, calcareous. Limestone is light grey, earthy (looks like shale), argillaceous, blocky, slightly fossiliferous to dark brown, hard, crypto-crystalline to fine crystalline.
- 6270 - 80 Shale and Limestone - as above with hard, crypto-crystalline, dark grey and dark brown, argillaceous, fossiliferous limestone common.
- 6290 - 6370 Shale and Limestone - limestone predominates. (Samples continue to be poor quality.)
- 6320 - 30 Shale and Limestone - shale becoming more abundant.
- 6340 - 60 Shale and Limestone - the limestone is grading in part to light to medium grey, fine granular (crystalline) in texture.
- 6370 Shale and Limestone - the limestone portion is predominantly dark brown, crypto-crystalline.
- 6380 Limestone and Shale - limestone is light to medium grey, partially recrystallized, chalky

limestone, argillaceous with abundant hard, dark brown, crypto-crystalline limestone as above. Shale common.

- 6390 Shale - medium to dark grey, blocky, very calcareous, fossiliferous with the above chalky, partially recrystallized, argillaceous limestone common.
- 6400 Shale - as above with minor amount of hard, brittle, dark brown, argillaceous limestone.
- 6410 Shale and Limestone - as above. The limestone is light to medium grey, argillaceous, partially recrystallized in chalky matrix.
- 6420 Limestone - light to dark grey, chalky to crypto-crystalline, dense, slightly argillaceous. Trace of white calcite.
- 6430 - 40 Limestone - as above without calcite.
- 6450 Limestone - as above with trace of dark brown to black, very hard and brittle, slightly argillaceous limestone with traces of disseminated pyrite.
- 6460 Limestone - the hard, brittle, dense limestone becoming more common. No pyrite.
- 6470 Shale - medium to dark grey, blocky, very calcareous.
- 6480 Limestone - the above grading to limestone, dark grey brown, very argillaceous, hard, dense with minor amount of light grey, fossiliferous, earthy appearing, argillaceous limestone.
- 6490 - 6500 Limestone - as above with abundant light grey, fine granular (crystalline) to earthy, slightly argillaceous limestone. The dark brown, dense limestone is slightly dolomitic.
- 6510 Limestone - decrease of light grey limestone to trace and predominantly crypto-crystalline. Trace of very dark brown, dense, argillaceous, brittle dolomite. Sample is predominantly dark brown, dense, argillaceous, crypto-crystalline, hard limestone.
- 6520 - 40 Limestone - as above, dark brown, dense with minor amount of dark brown, hard, dense, argillaceous dolomite.
- 6550 - 30 Limestone - as above with minor amount of medium grey, crypto-crystalline, slightly

argillaceous limestone.

- 6590 - 6610 Limestone - as above, slightly more dolomitic with trace of light brown, crypto-crystalline dolomite.
- 6620 Dolomite - same color as above, medium grey to predominantly dark brown, argillaceous, crypto-crystalline grading to very fine crystalline. Minor amount of medium grey, crypto to lithographic textured, dolomite.
- 6630 Dolomite - as above, slight increase in amount of grey dolomite. Few fragments of medium crystalline dolomite with very minor intercrystal spacing infilled with black material (argillaceous.) Trace of white calcite.
- 6640 Dolomite - as above, with grey dolomite common.
- 6650 Dolomite and Limestone - Dolomite is light grey to light brown, very finely crystalline. Limestone is dark brown, crypto-crystalline, dense and dolomitic.
- 6660 Dolomite - medium to dark brown, crypto-crystalline to fine crystalline in part. Tight.
- 6670 Dolomite - with abundant light grey, crypto to very finely crystalline dolomite.
- 6680 - 6700 Dolomite - light to dark grey, in part dark brownish, micro to finely crystalline. Occasional suggestion of calcite infilled vugs. No porosity. Few chips of clear to grey to dark grey, massive chert. Trace of white to light grey, finely crystalline anhydrite.
- 6710 - 20 Dolomite and Anhydrite - dolomite as above, predominantly crypto-crystalline. Anhydrite is soft, chalky, easily washed out. Minor amount of black, dolomitic shale.
- 6730 Dolomite - as above, crypto to micro and finely crystalline in part. Range in color from grey to dark grey, and light brown to dark brown. Argillaceous. Anhydrite present as trace, however, may have been washed out while sample was being cleaned.
- 6740 Dolomite - poor sample. Considerable shale present (cavings.) Anhydrite and dolomite probably the represented lithology.

- 6750 - 70 Shale and Anhydrite - Shale is predominantly dark grey, blocky, non-calcareous (cavings). Dolomite of above minor in amount.
- 6780 Shale and Anhydrite - as above with dolomite becoming more abundant.
- 6790 Dolomite - predominantly dark grey to dark brown, crypto to micro-crystalline. Decrease of anhydrite to trace.
- 6800 - 10 Dolomite - as above with abundant anhydrite.
- 6820 Dolomite - as above, dolomite grading to fine crystalline. Decrease in anhydrite to a trace.
- 6827 Trip to change bit.
- 6830 Dolomite - as above. Very poor sample, much contamination.
- 6840 Dolomite and Anhydrite - the dolomite is primarily dark, crypto-crystalline in part finely crystalline as above. Considerable anhydrite present.
- 6850 Dolomite - as above.
- 6860 Anhydrite - white, soft, chalky with abundant dark grey to black, blocky shale and minor amount of dark grey, argillaceous, crypto-crystalline dolomite.
- 6870 Dolomite - dark grey, crypto to micro to very finely crystalline, hard with abundant anhydrite.
- 6880 Dolomite - as above. A couple of chips of fine crystalline dolomite have pin-point porosity. Generally, what few chips with fine crystalline texture that are present, have any vugs present infilled with anhydrite. (This is not, and never has been a potential reservoir.) The anhydrite appears to be becoming harder and more massive crystalline.
- 6890 Dolomite - dark grey in part medium to dark brown, micro to finely crystalline. Tight. Minor amount of anhydrite. Very occasional chip exhibits anhydrite infilled vugs.
- 6900 Dolomite - becoming more dark and finer textured (crypto) than above, with increase in anhydrite.

- 6910 Dolomite - as above becoming coarser textured grading to fine crystalline. The very occasional chip (3 noticed) has odd pin-point vug. This sample has the most coarse (fine crystalline) textured carbonate noticed in the well. (Excluding the occasional chip.)
- 6920 - 30 Dolomite - becoming finer textured. Minor amount of anhydrite.
- 6940 - 50 Dolomite - as above with considerable anhydrite.
- 6960 - 70 Dolomite - decrease in anhydrite to common. The dolomite is light grey to light brown grey, and very dark grey to black in part.
- 6980 Dolomite - as above. Anhydrite abundant 6971 - 79. Mud clobbered.
- 6990 Dolomite - as above.
- 7000 Dolomite - poor sample.
- 7010 No sample - lost.
- 7020 Dolomite and Anhydrite - as above with minor amount of lighter grey, crypto to micro-crystalline, limy, slightly argillaceous dolomite.
- 7040 Dolomite - medium grey, fine crystalline with very occasional fragment exhibiting inter-crystallizing and/or pin-point porosity. No stain, occasional pore has black material lining.
- 7050 Dolomite and Anhydrite - dolomite is becoming darker and finer textured grading to crypto-crystalline. No porosity. Anhydrite common.
- 7060 Dolomite - becoming light grey, slightly limy in part, and fairly abundant. Anhydrite common.
- 7070 - 90 Dolomite - with anhydrite abundant to common.
- 7100 - 2- Dolomite - light to medium to predominantly dark grey, micro to finely crystalline. Tight. Minor amount of anhydrite.
- 7130 Dolomite - with abundant anhydrite. Dolomite continues light grey, crypto to micro-crystalline; dark grey - crypto to finely crystalline.
- 7140 - 60 Dolomite - as above, with the dark grey dolomite predominant. Decrease in anhydrite.

- 7170 Dolomite - as above with anhydrite abundant. Light grey, soft, lithographic type dolomite present as is common in the evaporitic cycles penetrated.
- 7180 Dolomite - increase in the lithographic, crypto-crystalline, grey and light brown dolomite, anhydrite minor in amount.
- 7190 - 7200 Dolomite - as above, with dark grey, crypto-crystalline dolomite abundant.
- 7210 Dolomite - as above with anhydrite more abundant.
- 7220 Dolomite - as above with decrease in anhydrite.
- 7230 Dolomite - anhydrite abundant.
- 7240 Dolomite - as above, predominantly dark grey, crypto to micro in part. Anhydrite common.
- 7250 - 60 Dolomite - anhydritic in part, trace pyrite. Anhydrite abundant. Dolomite light brown, micro-crystalline present in minor amount.
- 7270 - 90 Dolomite - as above with increase in amount of anhydrite. Dolomite is predominantly the dark grey, crypto-crystalline type.
- 7300 Dolomite and Anhydrite - Dolomite has become a lighter grey in color, hard, crypto-crystalline and anhydritic. The anhydrite has become more massive in texture, hard and colored grey to light brown versus the predominantly white of above. Considerable shale - medium grey, platy to darker grey, blocky. (The former not cavings, the latter perhaps.)
- 7310 Dolomite and Anhydrite - as above with the dolomite predominantly darker grey and grading to micro-crystalline. Shale as above is common. Anhydrite abundant.
- 7320 Dolomite - medium grey to light brownish grey, micro-crystalline, anhydritic, with minor amount of anhydrite.
- 7330 Dolomite - as above, grading to crypto-crystalline, darker in color, with increase in amount of anhydrite.
- 7340 - 60 Dolomite - as above with minor amount of light grey shale. Dark grey to black shale common but believed to be cavings.

- 7370 - 30 Dolomite - as above with dolomite becoming predominantly medium grey, crypto-crystalline, remains anhydritic. Anhydrite common. Trace of grey shale as above.
- 7390 Dolomite - with much anhydrite which is finely crystalline in part.
- 7400 Dolomite - becoming more brownish grey to grey brown in color. Predominantly crypto-crystalline. Minor amount of anhydrite.
- 7410 Dolomite - as above, predominantly grey to dark grey in color. Increase in amount of anhydrite. Trace of grey shale.
- 7420 - 30 Dolomite - as above with dolomite becoming anhydritic, increase in anhydrite to abundant, which in part is finely crystalline. Trace of shale.
- 7440 - 60 Dolomite - becoming predominantly grey brown to brown to dark brown in color, micro-crystalline in part. Decrease to minor in anhydrite.
- 7470 - 80 Dolomite - as above with increase in anhydrite. Dolomite is predominantly dark and crypto-crystalline.
- 7490 - 7500 Dolomite - anhydrite minor in amount - less than 10%.
- 7510 - 20 Dolomite - is becoming grey to dark grey. Increase in anhydrite to abundant.
- 7530 Dolomite - decrease in anhydrite to minor.
- 7540 Dolomite - as above with brown dolomite becoming more common.
- 7550 Dolomite - grey to dark grey, crypto to micro-crystalline with abundant anhydrite.
- 7560 - 80 Dolomite - with minor amount to trace of light brown, lithographic dolomite. Anhydrite abundant.
- 7590 - 7600 Dolomite and Anhydrite - as above.
- 7610 - 20 Dolomite - predominantly grey to dark grey, grading to finely crystalline in part. Decrease in anhydrite - less than 20%.
- 7630 Dolomite - as above, decrease of finely crystalline dolomite to trace.

- 7640 Dolomite - as above with increase in anhydrite.
- 7650 Dolomite - as above with anhydrite abundant.
- 7660 - 80 Dolomite and Anhydrite - dolomite as above, predominantly dark grey, crypto-crystalline. Anhydrite very abundant. Samples are becoming powdery and easily washed through screen. Samples also harden to cemented lump in sample bag.
- 7690 Dolomite and Anhydrite - as above with dolomite grading in part to finely crystalline.
- 7700 Dolomite - as above with decrease in anhydrite to less than 20%.
- 7710 Dolomite - medium to dark grey, crypto-crystalline, slightly argillaceous with abundant anhydrite.
- 7720 - 30 Dolomite - as above with dolomite in part light to dark brown, decrease in amount of anhydrite to less than 20%.
- 7740 - 50 Dolomite - as above with much shale caving from trip to change bit.
- 7760 Dolomite - as above grading in part to micro-crystalline, very slightly argillaceous. Anhydrite minor in amount.
- 7770 - 80 Dolomite - with increase in anhydrite to abundant - 30+%.
- 7790 Dolomite - becoming more anhydritic with a decrease in pure anhydrite.
- 7800 - 20 Dolomite - predominantly grey, in part brownish, slightly argillaceous, crypto-crystalline, with minor anhydrite.
- 7830 Dolomite - with increase in anhydrite.
- 7840 - 80 Dolomite - with anhydrite abundant. The dolomite is dark grey. A slight argillaceous residue continues to be present.
- 7890 - 7920 Dolomite - dark grey as above with minor amount of lighter grey, crypto-crystalline dolomite. Decrease in anhydrite from above to less than 20%.
- 7930 Dolomite - as above, becoming predominantly a lighter medium grey. Anhydrite remains common, less than 20%.

- 7940 Dolomite - becoming predominantly dark grey.
- 7950 - 60 Dolomite - as above, increase in anhydrite to approximately 50%.
- 7970 Dolomite - as above, in part lighter grey, crypto to finely crystalline dolomite. Anhydrite remains abundant.
- 7980 Dolomite - decrease in anhydrite. Dolomite is predominantly dark grey, crypto to micro-crystalline.
- 7990 Dolomite - with considerable light grey dolomite.
- 8000 Dolomite - as above, light grey dolomite predominant.

BIT RECORD

Bit No.	Size	Make & Kind	Serial	DEPTH		Total Feet	Total Hours	Remarks
				From	To			
S1	8-3/4	CSCIG	16462	57	612	555	9 1/4	
S2	12 1/4	S3TJ	910982	57	696	639	11-3/4	Ream
S3	8-3/4	YT1		671	950	279	6 1/2	
1	8-3/4	SD7	HNO92	950	1796	846	18-3/4	4-1-1
2	8-3/4	M44N	236825	1796	2448	652	26 1/4	3-1-1
3	8-3/4	M44N	242716	2448	2916	468	23 1/4	2-1-1
4	8-3/4	SS1G	674516	2916	3142	226	20 1/4	1-1-1
5	8-3/4	M44N	270879	3142	4320	1178	48 1/4	4-1-1
6	8-3/4	M44N	236189	4320	4714	394	33 1/2	6-2-1
6A	8-3/4	SS1G	674516	4714	5199	385	67-3/4	2-2-1
7	8-3/4	SS1G	673290	5199	5521	322	48-3/4	2-3-1
8	8-3/4	M44N	250750	5521	5904	383	36	5-7-1
9	8-3/4	SS1G	673301	5904	6183	279	36 1/4	3-1-1
10	8-3/4	M44N	242967	6183	6394	211	34 1/2	6-6-1
11	8-3/4	M44N	270630	6394	6528	134	22	6-1-1
12	8-3/4	S88	912335	6528	6827	299	36-3/4	8-8-1
13	8-3/4	YHG	791152	6827	6916	89	14 1/2	5-7-1
14	8-3/4	S88	912336	6916	7270	354	45 1/2	3-5-1
15	8-3/4	S88	346819	7270	7270	0		Ream only Seals gone
16	8-3/4	YM6	260633	7270	7375	105	18-3/4	6-7-1 Reamed
17	8-3/4	S88	347182	7375	7740	365	53 1/2	2-5-1
18	8-3/4	S88	912260	7740	8000	260	39 1/4	1-4-1

DAILY MUD RECORD

										REMARKS & ADDITIVES			
Date	Depth	Wt. #/Gal.	Vis. Sec.	W.L. 15min.	F.C. 32nds	PH	Gel	Caus tic	DV-68	Pel tex	Saw dust	Wt. Mat.	Soda CMC Ash
Nov.													
27	270	8.8	42				7500	150					
28	612	8.9	58				9200	250			160sx		
29	856	9.3	64				6000	50			65		
30	950	9.5	35										
Dec.													
1-8	3710	8.8-9.1	28-30				No chemicals.						
9	4195	9.0	35				12600		4gal.				
10	4395	9.0	42				5000		4				
11	4674	8.9	38				4000		3				
12	4714	9.1	83				6500		5				
13	4740	9.1	85				8000	125			250		
14	4917	9.2	88	9.0	2	9.0	7200	50			50		
15	5035	9.2	80	9.6	2	8.5	6100	200			150		
16	5190	9.2	85	3.6	2	9.5	10800	100					
17	5199	9.2	115										
18	5199	9.2	156				4400						
19	5300	9.4	137	8.2		9.5	10500	200			200		
20	5464	9.3	102	7.0		9.5	9200	100			100		
21	5521	9.4	190	7.0		9.5	3500						
22	5635	9.3	100	8.4		10.0	6600						
23	5898	9.3	140	9.0		11.0	5200	200			50		
24	5904	9.3	210	7.8		9.5	1500						
25	5980	9.3	130	8.4		9.0	6000	50			25		
26	6125	9.5	105	8.8		10	15500	100			50	17000	
27	6235	9.8	165	7.2		9.5	3200				500	12000	
28	6380	9.9	160	7.4		9.0	1000	200			50		100
29	6473	9.9	160	6.4		9.0	700	50			25		50
30	6565	10.0	170	6.2		8.5	1200	150			75		50
31	6738	10.0	300+			10.5		400			700		3100
Jan.													
1	6827	10.0	160	13.2		11.0					1050		150 1500
2	6916	9.9	130	8.7		9.5		50			25		

DAILY MUD RECORD CONT'D.

														REMARKS & ADDITIVES					
Date	Depth	Wt. #/Gal.	Vis. Sec.	W.L. 15min.	F.C. 32nds	PH	Gel	Caus tic	DV-68	Pel tex	Saw dust	Wt. Mat.	CMC	Soda Ash					
														cc.					
Jan.																			
3	7020	9.9	200	7.2		8.0	1100	400		575									
4	7220	9.8	148	9.4		10.5		250		250				1500					
5	7270	9.8	95	8.8		10.0	8600	50		325		100							
6	7270	10.5	360	8.0		9.5	2800	150		100	5000	150							
7	7270	10.5	250	8.8		10.5	1500	150		300									
8	7270	10.6	305	8.3		11	300	200		800		50							
9	7270	10.6	305	8.3		11													
10	7270	10.7	165	8.8		11	4000	250		100									
11	7285	10.6	250	10.4		11	1800	200		400		50							
12	7375	10.4	255	11		10.5	3200	550		750		150							
13	7455	10.5	110	12		10.5	2400	200				150	4400						
14	7618	10.3	65	11.6		10.2	3200	325		1000		200	2500						
15	7740	10.4	250	9.2		10.0	7100					100							
16	7793	10.4	230	9.9		10.0	5000	50		100									
17	7944	10.3	275	8.8		10.0	3500	450		600									
18	8000	10.3	210	8.6		10.5	3400	100		50		300							
19	8000	10.3	250	8.6		8.5													
20	8000	10.3	280	8.6		8.5	2300	50											
21	8000	10.2	300	8.8		9.5		100											

DAILY PROGRESS REPORT

12 Midnight - 11:59 P.M.

Date	Depth	Footage	Hours on Bottom	Bit Nos.	Deviation Survey		Remarks
					Depth	Deg.	
Nov. 27	270	270	4 1/4	S1	100 160 224	0 3/4 1/2	Spud w/8-3/4" bit 2:00 AM, Nov.27/71
28	612 300R	342 300R	5 3 1/4	S1	328	1/2	Drilled 8-3/4" to 612' Reamed 12 1/4" to 300'
				S2	339	1/2	
					480	1/2	
					544	1/2	
					606	1/2	
29	856 671R	244 371R	6 7R	S3	671	1	Reamed 12 1/4" to 671'. Drilled 8-3/4" pilot hole to 856'
				S2	701	7/8	
					763	1/2	
30	950 696R	94 25R	2 1/2	S3 S2R	856	3/4	Drilled 8-3/4" to 950'. Reamed 12 1/4" to 696'. Ran 22 jts. 9-5/8" 36#K5 csg. 701.70'. Landed @ 696'KB. Cemented w/380 sax const.+3%CaCl2. Plug down 11:59 PM, Nov.29/71.
Dec. 1							W.O.C. Nippled B.O.P.s
2	1250	300	5	1	1143	3/4	Pressured rams & Hydril - OK. Drilled out.
3	1870	620	16 1/4	1-2	1330	7/8	Drilled & surveyed.
					1546	1 1/4	
					1578	1 1/4	
					1609	1	
					1640	1	
					1702	1	
					1765	1	
4	2410	540	21 1/2	2	1986	1	Drilled & surveyed.
					1979	1	
					2072	1	
					2166	1	
					2262	1	
					2355	1	
5	2710	300	14-3/4	2-3	2448	1 1/2	Drilled, surveyed. Trip to change bit & repaired air to clutch No.3 motor.
					2479	1 1/2	
					2635	2	
					2669	2	

DAILY PROGRESS REPORT CONT'D.

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Hours on Bottom</u>	<u>Bit Nos.</u>	<u>Deviation Survey</u>		<u>Remarks</u>
<u>Dec.</u>					<u>Depth</u>	<u>Deg.</u>	
6	2954	244	13½	3-4	2729	2	Drilled, surveyed. Trip to change bit & stabilizer assembly (pendulum.)
					2760	2	
					2823	2	
					2885	2	
					2916	2 ¼	
7	3142	188	16½	4	2985	2	Drilled - survey.
					3079	1-¾	
					3142	1 ½	
8	3710	568	20½	5	3196	1 ¼	Drilled - surveys.
					3260	1-1/8	
					3478	¾	
					3603	½	
9	4195	485	21-¾	5	3890	1 ¼	Drill - survey.
					3976	¾	
					4070	1	
10	4395	200	13½	5-6	4257	¾	Drill - trip bit.
11	4674	279	22	6	4373	1	Drill
					4557	2	
12	4714	40	5	6	4652	3	Drill - change stabilizer to pendulum. Cleaned to bottom 4105-4474. Stuck @4474.
					4714	4	
13	4740	26	3-¾	6A			Work stuck pipe @4474 for 7½hr Clean to bottom 9 hrs.
14	4917	174	21-¾	6A			Drilled
15	5035	118	17¼	6A	4909	3-7/8	Drilled - stuck 1 hr.
16	5190	155	22-¾	6A			Drilled
17	5199	9	1	6A	5197	2 ¼	Trip to change bit & lay down stabilized. Reaming from 4100 for 9-¾ hrs.
18	5199	0		7			23-¾ hrs.- cleaning & reamin
19	5300	101	17-¾	7	5250	2	Reaming - 2 hrs. Drilling - survey.
20	5464	164	22	7	5350	2	Drill
21	5521	57	8-¾	7	5467	1	Drill - trip bit. Ream from 505

DAILY PROGRESS REPORT CONT'D.

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Hours on Bottom</u>	<u>Bit Nos.</u>	<u>Deviation Survey</u>		<u>Remarks</u>
					<u>Depth</u>	<u>Deg.</u>	
Dec. 22	5685	164	13½	8			Reamed 9-3/4 hrs. Drilled
23	5898	213	22	8	5735 5800	3 3 ¼	Drill
24	5904	6	½	8	5904	3	Trip to change bit. Ream from 4922 - 9¼ hrs.
25	5930	76	8-3/4	9			Reamed 14½ hrs. Drilled.
26	6152	172	23	9			Drill
27	6235	83	11-3/4	9-10	6183	1	Drill - trip bit. No fill on bottom. Weighted mud.
28	6380	145	23¼	10			Drill
29	6473	93	15½	10-11	6394	1-3/4	Drill - trip bit, 40' fill
30	6565	92	15-3/4	11-12			Drill - trip bit, 40' fill
31 Jan.	6738	173	20-3/4	12			Drill - cond. mud - clobbered
1	6827	89	11½	12-13	6827	2-3/4	Drill - trip bit. Bridge @6330
2	6916	89	14½	13-14			Drill - trip bit. Bridge @6325
3	7020	104	17-3/4	14			Drill - change wash pipe & packing
4	7220	200	23¼	14			Drill - mud con't. contaminated
5	7270	50	5½	15	7240	2-3/4	Change bit. Ream 4615 - 85
6	7270	0	23¼R				Ream to 4998. Stuck @4930, 4870
7	7270	0	23¼R				Ream to 5150. Sliding in @5150
8	7270	0	16½R				Ream 5434. Pipe broke at pin @1039
9	7270	0					Ran overshot - top of fish @1554. Skid 465' - pulled to 5298 hard & slow. Circulated free. Free @ 4926.
10	7270	0	13½R	16			Reamed 4810-40 - bad. Reached 5746.

DAILY PROGRESS REPORT CONT'D.

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Hours on Bottom</u>	<u>Bit Nos.</u>	<u>Deviation Survey</u> <u>Depth</u> <u>Deg.</u>	<u>Remarks</u>
Jan. 11	7285	15	20½R	16		Reamed - fair thru lime. Mud still clobbered.
12	7375	90	16	16		Drill, trip, cond. mud.
13	7455	80	12-3/4	17		Trip, drill. Mud clobbered.
14	7618	163	23¼	17		Drill
15	7740	122	18½	17	7700 2-3/4	Drill - trip to change bit
16	7793	53	9	18		Reamed bad spot 5246-5320
17	7944	151	23-3/4	18		Drill
18	8000	56	7½	18		Drill & cond. hole for log
19	8000					Cond. hole. Trip to log
20	8000					Logging. Ran DIL. Couldn't get by 5000 with dipmeter
21	8000					Tripped, cond. hole. Worked bad spots 4600&5255. Ran BCSG log of top hole. Complete logging Jan.22nd,1972.

ABANDONMENT PLUGS

- Plug #1 8000' - 7900' 55 sax cement.
Plug down 3:00 A.M., January 22nd, 1972.
- Plug #2 5865' - 5600' 242 sax cement + 2% CaCl_2 .
Plug down 5:30 A.M., January 22nd, 1972.
Felt at 5575' at 1:30 P.M., January 22nd, 1972.
- Plug #3 750' - 650' 75 sax cement + 2% CaCl_2 .
Plug down 3:30 P.M., January 23rd, 1972.
Felt at 635' K.B. at 11:30 P.M., January 23rd, 1972.
- Plug #4 Cut off surface casing 3' below ground level
5 sax cement plug in top of casing.
Plate welded on top of casing. January 24th, 1972.

Decalta et al Champlin Dahadinni
D-65 Drilling

No. 7909

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decatur N. Champlin, Okla.

Date

Location - Lat. Sec. Twp. Rge. W. M. Jan. 24 1972

Weather Condition Windy

Road Conditions Good

Nearest Town Norman

Water Source River

Camp Distance from Rig 100 yds

OPERATOR

Rig No.

Drill Pipe

Tool Joint

O.D.

PUMPS

LAST

CASING

TUBING

OR LINER

Size

Make

Wt. & Gr.

No Joints

Feet

RKB. to

Set at

Remarks

Signature of Operator's Representative

Signature of Contractor's Tool Pusher

TIME DISTRIBUTION-HOURS

Morn Day Eve

Tear Down 8 8 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 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

FOOTAGE

DR-D RM-R Core-C

Core No.

FORMATION (SHOW CORE RECOVERY)

Rotary RPM

Wt. on Bit 1000 Lbs.

Pump Press

Pump No. 1

Pump No. 2

Method Run

SGL-S

Par d-P

Com d-C

Standards D.P.

Singles D.P.

D.C.

I.D. O.D.

D.C.

I.D. O.D.

Sub. Body O.D.

Sub. Body O.D.

Sub. Body O.D.

Subs O.D.

Bit or C.B.

Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

DR-D RM-R Core-C

Core No.

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Rotary RPM

Wt. on Bit 1000 Lbs.

Pump Press

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Bit or C.B.

Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

NO.

DRILLING ASSEMBLY AT END OF TOUR

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MUD RECORD

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Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

DR-D RM-R Core-C

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Bit or C.B.

Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

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DRILLING ASSEMBLY AT END OF TOUR

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MUD RECORD

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Sub. Body O.D.

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Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

NO.

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MUD RECORD

FOOTAGE

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Wt. on Bit 1000 Lbs.

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Pump No. 2

Method Run

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Sub. Body O.D.

Subs O.D.

Bit or C.B.

Kelly Down

Total

Wt. of String

Pipe in Hole

Pipe on Racks

Total Pipe on Lease

Driller

NO.

DRILLING ASSEMBLY AT END OF TOUR

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MUD RECORD

FOOTAGE

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Rotary RPM

Wt. on Bit 1000 Lbs.

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Pump No. 1

Pump No. 2

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Wt. of String

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Driller

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DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

DR-D RM-R Core-C

Core No.

FORMATION (SHOW CORE RECOVERY)

Rotary RPM

Wt. on Bit 1000 Lbs.

Pump Press

Pump No. 1

Pump No. 2

Method Run

SGL-S

Par d-P

Com d-C

Standards D.P.

Singles D.P.

D.C.

No 7908

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decalia Et Al. Chaplin Dehaden Date Jan. 23 1972
Location - Lsd. Sec. Twp. Rge. W. M.Weather Windy Road Good
Conditions -20Nearest Town NormanWater - Source Run
Miles Hauled 6Camp Distance from Rig 10 miles
Reason for Extra L. Plant space

OPERATOR

Rig No.

Drill Pipe

Tool

Joint

6" O.D.

PUMPS

Western Decalia
SIGNATURE OF OPERATOR'S REPRESENTATIVESIGNATURE OF CONTRACTOR'S TOOL PUSHER
D.R. Clark

No.

MANUFACTURER

TYPE

STROKE

LENGTH

LAST

CASING

TUBING

OR LINER

Size

Make

Wt. & Gr.

No

Joints

Feet

RKB. to

CSS. 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

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Pres	Pump No. 1	Pump No. 2	Method Run
	Stands D.P.	Ft. Bit No.	Time	From	To	Ft.							
	Singles D.P.	Ft. Size	Weight										
	D.C.	Mfg.	Visc.-Sec.										
	I.D. O.D.	Ft. Type	W.L.-C.C.										
	D.C.	No. No.	FL TR. CK.										
	I.D. O.D.	Ft. Size	PH										
	Sub. O.D.	Ft. Ser. No.	SD. Cont. %										
	Sub. O.D.	Ft. Depth Out	Pressure Gradient										
	Sub. O.D.	Ft. Depth In											
	Sub. O.D.	Ft. Total Ftg.											
	Bit or C.B.	Ft. Total Hr. Run											
	Kelly Down	Ft. Cond. of Bit											
	Total	Ft. Reamer No.											
	Wt. of String	Lbs. Reamer Type											
	Pipe in Hole	Jts. Water Charges Reg. Hrs. O.T. Hrs.											
	Pipe on Racks	Jts. Truck.											
	Total Pipe on Lease	Jts. Truck.											

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Pres	Pump No. 1	Pump No. 2	Method Run
	Stands D.P.	Ft. Bit No.	Time	From	To	Ft.							
	Singles D.P.	Ft. Size	Weight										
	D.C.	Mfg.	Visc.-Sec.										
	I.D. O.D.	Ft. Type	W.L.-C.C.										
	D.C.	No. No.	FL TR. CK.										
	I.D. O.D.	Ft. Size	PH										
	Sub. O.D.	Ft. Ser. No.	SD. Cont. %										
	Sub. O.D.	Ft. Depth Out	Pressure Gradient										
	Sub. O.D.	Ft. Depth In											
	Sub. O.D.	Ft. Total Ftg.											
	Bit or C.B.	Ft. Total Hr. Run											
	Kelly Down	Ft. Cond. of Bit											
	Total	Ft. Reamer No.											
	Wt. of String	Lbs. Reamer Type											
	Pipe in Hole	Jts. Water Charges Reg. Hrs. O.T. Hrs.											
	Pipe on Racks	Jts. Truck.											
	Total Pipe on Lease	Jts. Truck.											

Total Day Work

WIRE LINE RECORD

Reel No.

No. of Lines Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or T. Since Last

Cumulative Ton Mi. Trips

No. of Days From Spud

Cumulative Rotating Hrs.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Pres	Pump No. 1	Pump No. 2	Method Run
	Stands D.P.	Ft. Bit No.	Time	From	To	Ft.							
	Singles D.P.	Ft. Size	Weight										
	D.C.	Mfg.	Visc.-Sec.										
	I.D. O.D.	Ft. Type	W.L.-C.C.										
	D.C.	No. No.	FL TR. CK.										
	I.D. O.D.	Ft. Size	PH										
	Sub. O.D.	Ft. Ser. No.	SD. Cont. %										
	Sub. O.D.	Ft. Depth Out	Pressure Gradient										
	Sub. O.D.	Ft. Depth In											
	Sub. O.D.	Ft. Total Ftg.											
	Bit or C.B.	Ft. Total Hr. Run											
	Kelly Down	Ft. Cond. of Bit											
	Total	Ft. Reamer No.											
	Wt. of String	Lbs. Reamer Type											
	Pipe in Hole	Jts. Water Charges Reg. Hrs. O.T. Hrs.											
	Pipe on Racks	Jts. Truck.											
	Total Pipe on Lease	Jts. Truck.											

Total Day Work

7907
GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease
Well Name Decalta Et. Al. Champlin Debedding
Location — Lsd. _____ Sec. _____ Twp. _____ Rge. D65 W. _____ M. _____
Date Jan. 22 1972

Weather *Good* Road *Good* Nearest Town *Norman* Water - Source *River* Camp Distance from Rig *100 yds.*

OPERATOR		Location - Lts.		Sec.	Twp.	Rge.	W.	M.	24.11.22	19.12	Condition	-15	Conditions	204	Town	24.11.22	Miles Hauled	6	Pumped	Camp Distance from Rig	15.420	Rig	15.420	Reason for Extra L. Plant	spare
Western Decalta		Rig No.	Drill Pipe String	Tool Joint	PUMPS										LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks		
		DWKS	No.	Size	Type Tbd.	No.	MANUFACTURER	TYPE	STROKE LENGTH	7 7/8		35 KS.	22	702		13.00	696								
		7-11	3	4 1/2	FH.	1.	Idesc	600	16"	2.	Nsco	150	12"	3.											
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER																							
		D.B. blank																							

TIME DISTRIBUTION—HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run SGL-S Par'el-Com'd-
Rig Up & Tear Down	Morn	Day	Eve		Stands D.P.	Ft.	Bit No.		Time	Weight			From	To	Ftgs.			Liner Size	S.P.M.				Liner Size	S.P.M.	
Drilling Actual					D.C.	7"	Mfg.	Visc.-Sec.	4.00																
Reaming					I.D.	O.D.	Type	W.L.-C.C.	8.4																
Conditioning Mud & Circulating	1 1/2				D.C.	6 1/4"	No.	FL TR. CK.	2/32																
Trips	3		4		I.D.	O.D.	Notzle Size	PH	9.5																
Lubricate Rig	1/4				Ssb. Body	O.D.	Ser. No.	S.D. Cons. %																	
Deviation Survey					Ssb. Body	O.D.	Depth Out	Pressure Gradient																	
Test B.O.P.					Rmr. Body	O.D.	Depth In																		
Cut Off Drilling Line					Subs. Bit	346 O.D.	Total Ftg.	Mud & Chemicals Added																	
Repair Rig	1		1		Subs. Bit	346 O.D.	Total Hr. Run	Type	Amt.	Type	Amt.														
Coring					Kelly Down		Cond. of Bit																		
Wire Line Logging	2				Total		Reamer No.																		
Running Casing & Cementing					Wt. of String		Reamer Type																		
Waiting on Cement					Pipe in Hole		Water Charges	Reg. Hrs.	O.T. Hrs.																
Drill Stem Test					Pipe on Racks		Trucker																		
Other	1/4		3		Total Pipe on Lease		Trucker																		

MORNING TOUR

Hour Started
12:00
12:15
1:00
2:30
3:30
4:30
5:40
6:00

Hour Stopped
12:15
1:00
2:30
3:30
4:30
5:45
6:00
8:00

Elapsed Time

3/4
1 1/2
1
1 1/4
1 1/4
2

A

B

C

D

Acc. D.T.

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Rig service.
Run in to 5522'
Circ. to clean hole.
Pull out to log
Repair broken air line
Finish pulling cut.
Pick up logging tools
Logging

Driller C. Rabbitt

[illegible][illegible]

7906
GUTHRIE McLAREN
Drilling Co.

Form 4

Lease _____ Date _____
Well Name Decca H/F. Al. Champlin Dakota _____
Location — Lsd. _____ Sec. _____ Twp. _____ Rge. _____ W. _____ M. 065
Jan. 21 1972

Weather Condition	Good -10°	Road Conditions	Good	Nearest Town	Norman Wells	Water - Source	River	Camp Distance from River	100 yds
						Miles Hauled	Pumped	Reason for Extra L. Plant	Same

[illegible][illegible][illegible]

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run SGL-3 Par'el-Com d-
Total Day Work		Stands D.P.	Ft.	Bit No.		Time		From	To	Ftge.										
WIRE LINE RECORD																				
Reel No. 5		Singles D.P.	Ft.	Size		Weight														
No. of Lines 8 Size 1 1/8		D.C.		Mfg.		Visc.-Sec.														
Feet Slipped 490		I.D. O.D.	Ft.	Type		W.L.-C.C.														
Feet Cut Off 490		D.C.		No. Nozzle	No.	FL TR. CK.														
		I.D. O.D.	Ft.	Size		PH														
Present Length ?		Sub. Body O.D.	Ft.	Ser. No.		SD. Cont. %														
Ton Mi. or Trips Since Last Cut 628		Sub. Body O.D.	Ft.	Depth Out		Pressure Gradient														
Cumulative Ton Mi. or Trips 2809.8		Sub. Body O.D.	Ft.	Depth In																
No. of Days From Spud 5 1/2		I.D. O.D.	Ft.	Total Ftg.		Mud & Chemicals Added														
Cumulative Rotating Hrs.		Big. 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																

CONTROL ON
 628
 2809.8
 5 1/2
 897

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
 BREAK CIRC, mud was VERY THICK
 No SERVICE.
 Up to Condition Hole For Logging
 Drill cut to log
 Pick up Kelly + Circ. through bridge
 @ 4525

No 7905

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name *Decalta Et Al. Champs. Dohadinni* Date *June 20 1972*
Location - Lat. *D65* Sec. *2* Twp. *4* Rge. *W* M. *10*Weather *Good* Road *Good*Nearest Town *Norman*Water - Source *River*Camp Distance from Ric *100 yds*Reason for Extra L. Plant *Spore*

OPERATOR

Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. *2*

Drill Pipe String

Tool Joint *6"* O.D.Type Tbd. *FH*No. *7-11*Size *4 1/2*Type Tbd. *FH*

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

O.R. Lalach

PUMPS

No. *1*MANUFACTURER *Idco*TYPE *600*STROKE LENGTH *16"*No. *2*MANUFACTURER *Nisco*TYPE *C-150*STROKE LENGTH *12"*

LAST CASING TUBING OR LINER

Size *9 5/8*Make *35 KS*Wt. & Gr. *22*Feet *702*RKB. to CSB. HD. *13.00*Set at *696*

Remarks

TIME DISTRIBUTION—HOURS

Morn Day Eve

Rig Up to Four Down Log *1/2*

Drilling Actual

Reaming 4" Through *1/2*Conditioning Mud & Circulating *3 1/2 3 1/2 2 1/2*Trips *4 1/2 3 1/2 4 1/2*Lubricate Rig *1/4*Deviation Survey *1/4*Test B.O.P. *1/4*Cut Off Drilling Line *1/2*

Repair Rig

Coring

Wire Line Logging *1/2*

Running Casing & Cementing

Waiting on Cement

Drill Stem Test

Other

Fishing

A. Perforating

B. Tubing Trips

C. Swabbing

D. Testing

E. Additional

Totals *8 8.8*

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 *490*Feet Cut Off *490*

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type

Amt.

Type

Amt.

Wt. of String

Lbs.

Reamer Type

Pipe in Hole

Jst.

Water Charges

Reg. Hrs. O.T. Hrs.

Trucker

Pipe on Racks

Jst.

Trucker

Total Pipe on Lease

Jst.

Trucker

Driller *L.B. Bly*

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type

Amt.

Type

Amt.

Wt. of String

Lbs.

Reamer Type

Pipe in Hole

Jst.

Water Charges

Reg. Hrs. O.T. Hrs.

Trucker

Pipe on Racks

Jst.

Trucker

Total Pipe on Lease

Jst.

Trucker

Driller *R.R. Thompson*

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type

Amt.

Type

Amt.

Wt. of String

Lbs.

Reamer Type

Pipe in Hole

Jst.

Water Charges

Reg. Hrs. O.T. Hrs.

Trucker

Pipe on Racks

Jst.

Trucker

Total Pipe on Lease

Jst.

Trucker

Driller

FOOTAGE

From To Figs.

Deviation Record

Depth

Dev.

Direction

Depth

Dev.

Direction

Hour Started

Hour Stopped

Elapsed Time

A

B

C

D

Acc. D.T.

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

*Fig service**Circulating & mixing gel to condition mud**Pull out to 4000' & slowly strap out**Run in to bottom? No fill**Break circ & circulate to clean hole**Pulled 20-30,000 OVER WT OF STRING FROM 6670-6380.*

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type

Amt.

Type

Amt.

Wt. of String

Lbs.

Reamer Type

Pipe in Hole

Jst.

Water Charges

Reg. Hrs. O.T. Hrs.

Trucker

Pipe on Racks

Jst.

Trucker

Total Pipe on Lease

Jst.

Trucker

Driller

NO.

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

Time

Weight

Visc.-Sec.

W.L.-C.C.

FL TR. CK.

PH

SD. Cont. %

Pressure Gradient

Mud & Chemicals Added

Type

Amt.

Type

Amt.

Wt. of String

Lbs.

Reamer Type

Pipe in Hole

Jst.

Water Charges

Reg. Hrs. O.T. Hrs.

Trucker

Pipe on Racks

Jst.

Trucker

Total Pipe on Lease

Jst.

Trucker

Driller

FOOTAGE

From To Figs.

Deviation Record

Depth

Dev.

Direction

Depth

Dev.

Direction

Hour Started

Hour Stopped

Elapsed Time

A

B

C

D

Acc. D.T.

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

*Run in to bottom**Rig service**Circ to condition hole for logging**Pull out slow to run log**Rig up to log**Logging**Measure out 7648.38**pipe tally 7643.54**4.84 diff.*

No 7904

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name *Decatur E. H. Champlin Deland*

Date

Location — Loc. Sec. Twp. Rge. W. M. *Jan 19 1972*

Weather Condition

Road Conditions

Nearest Town

Water - Source

Camp Distance from Rig

OPERATOR

Signature of Operator's Representative

Signature of Contractor's Tool Pusher

Rig No. *2*
DWKS *7-11*
Drill Pipe String
Tool Joint *6"* O.D.
Type Tbd. *FH*

PUMPS

MANUFACTURER TYPE STROKE LENGTH
1. *Tdccc* *600* *16"*
2. *Nisco* *C-150* *12"*
3.

LAST CASING TUBING OR LINER

Size Make Wt. & Gr. No Joints Feet RKB to CSC. HD. Set at Remarks
9 5/8 *35 Ks* *22* *702* *13.00* *696*

TIME DISTRIBUTION—HOURS

	Morn	Day	Even
Rig Up & Logging	<i>3 1/4</i>		
Drilling Actual			
Reaming			
Conditioning Mud & Circulating	<i>2 1/2</i>	<i>3 1/2</i>	
Trips	<i>4 3/4</i>	<i>4 1/4</i>	
Lubricate Rig		<i>1 1/4</i>	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Wire Line Logging		<i>7</i>	
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Fe. Bit No. <i>18</i>	Time <i>1:00</i> <i>3:00</i>
	Singles D.P.	Fe. Size <i>9 3/4</i>	Weight <i>10.3</i> <i>10.3</i>
	D.C.	Mfg. <i>Sec</i>	Visc.-Sec. <i>260</i> <i>250</i>
	I.D. O.D.	Fe. Type <i>588</i>	W.L.-C.C. <i>8.6</i>
	D.C.	No. <i>3</i>	FL TR. CK. <i>232</i>
	I.D. O.D.	Fe. Nozzle Size <i>7 1/2</i>	PH <i>8.5</i>
	Stb. Body O.D.	Fe. Ser. No. <i>912260</i>	SD. Cont. %
	Stb. Body O.D.	Fe. Depth Out <i>8000</i>	Pressure Gradient
	Rmr. Body O.D.	Fe. Depth In <i>7740</i>	
	Subs O.D.	Fe. Total Ftg. <i>260</i>	Mud & Chemicals Added
	Bit or C.B.	Fe. Total Hr. Run <i>394</i>	Type Amt. Type Amt.
	Kelly Down	Fe. Cond. of Bit <i>1491</i>	
	Total	Fe. 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 <i>L. R. Blakely</i>

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-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	
<i>12:00</i>	<i>2:30</i>	<i>2 1/2</i>						<i>Circulate to condition hole for logging</i> <i>trip out to log slowly</i> <i>Help rig up logging tool</i>	
<i>2:30</i>	<i>7:15</i>	<i>4 3/4</i>							
<i>7:15</i>	<i>8:00</i>	<i>3/4</i>							

COMPLETION WORK
A. Perforating
B. Tubing Trips
C. Swabbing
D. Testing
E. Additional
Totals <i>8</i> <i>8</i>

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Fe. Bit No.	Time
	Singles D.P.	Fe. Size	Weight
	D.C.	Mfg.	Visc.-Sec.
	I.D. O.D.	Fe. Type	W.L.-C.C.
	D.C.	No. Nozzle	FL TR. CK.
	I.D. O.D.	Fe. Size	PH
	Stb. Body O.D.	Fe. Ser. No.	SD. Cont. %
	Stb. Body O.D.	Fe. Depth Out	Pressure Gradient
	Rmr. Body O.D.	Fe. Depth In	
	Subs O.D.	Fe. Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Fe. Total Hr. Run	Type Amt. Type Amt.
	Kelly Down	Fe. Cond. of Bit	
	Total	Fe. 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 <i>R. R. Blakely</i>

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-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	
<i>8:00</i>	<i>8:30</i>	<i>1/2</i>						<i>Rig up to log</i> <i>Logging to hit bridge at 5000'</i> <i>Log down logging tool</i>	
<i>8:30</i>	<i>3:30</i>	<i>7</i>							
<i>3:30</i>	<i>4:00</i>	<i>1/2</i>							

WIRE LINE RECORD
Reel No. <i>5</i>
No. of Lines <i>8</i> Size <i>1 1/2</i>
Feet Slipped <i>490</i>
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Off
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Fe. Bit No.	Time <i>9:30</i> <i>11:30</i>
	Singles D.P.	Fe. Size	Weight <i>10.3</i> <i>10.3</i>
	D.C.	Mfg.	Visc.-Sec. <i>280</i> <i>130</i>
	I.D. O.D.	Fe. Type	W.L.-C.C. <i>8.8</i>
	D.C.	No. Nozzle	FL TR. CK. <i>232</i>
	I.D. O.D.	Fe. Size	PH <i>8.5</i>
	Stb. Body O.D.	Fe. Ser. No.	SD. Cont. %
	Stb. Body O.D.	Fe. Depth Out	Pressure Gradient
	Rmr. Body O.D.	Fe. Depth In	
	Subs O.D.	Fe. Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Fe. Total Hr. Run	Type Amt. Type Amt.
	Kelly Down	Fe. Cond. of Bit	
	Total	Fe. 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	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-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	
<i>11:00</i>	<i>11:15</i>	<i>1/4</i>						<i>Log section</i> <i>Run in to clean out Pick up 9 singles</i> <i>O.F.</i> <i>Circulating to condition hole.</i>	
<i>11:15</i>	<i>8:30</i>	<i>4 1/4</i>							
<i>8:30</i>	<i>12:00</i>	<i>3 1/2</i>							

No 7903

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta Et Al Chapman Dehading Date Jan. 18 1972

Location — Loc. Sec. Twp. Rge. W. M.

Weather Condition -25Road Conditions GoodNearest Town Norman WellsWater - Source RiverCamp Distance from Rig 100 ydsReason for Extra L. Plant Spore

OPERATOR

Western Decalta
SIGNATURE OF OPERATOR'S REPRESENTATIVERig No. 2
DWKS 7-11
Drill Pipe String 6" O.D.
Tool Joint 6" O.D.
Type Thd. FH
SIGNATURE OF CONTRACTOR'S TOOL PUSHER
O.R. Leland

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	<u>Ideco</u>	<u>600</u>	<u>16"</u>
2.	<u>Wsc</u>	<u>C-150</u>	<u>12"</u>
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
<u>9 5/8</u>	<u>35</u>	<u>K3 22</u>	<u>702</u>	<u>13.00</u>	<u>696</u>		

TIME DISTRIBUTION—HOURS

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

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
18	Stands D.P. <u>7297.73</u> Ft.	Bit No. <u>18</u>	Time <u>1:00</u> <u>3:30</u> <u>7:00</u>
2	Singles D.P. <u>62.97</u> Ft.	Size <u>8 3/4</u>	Weight <u>10.3</u> <u>10.3</u> <u>10.3</u>
2	D.C. <u>7'</u>	Mfg. <u>Sec.</u>	Visc.-Sec. <u>230</u> <u>200</u> <u>210</u>
2	I.D. O.D. <u>6140</u> Ft.	Type <u>588</u>	W.L.-C.C. <u>8.8</u> <u>8.2</u>
18	D.C. <u>6 1/4</u>	No. <u>31</u>	FL TR. CK. <u>2/32</u> <u>2/32</u>
18	I.D. O.D. <u>55367</u> Ft.	Size <u>16</u>	PH <u>10.0</u> <u>10.0</u> <u>10.0</u>
	Sub. Body O.D. <u>912260</u>	Ser. No. <u>912260</u>	SD. Cont. %
	Sub. Body O.D. <u>8000</u>	Depth Out <u>8000</u>	Pressure Gradient
	Rmr. Body O.D. <u>7740</u>	Depth In <u>7740</u>	
1	Subs. <u>398</u> Ft.	Total Ftg. <u>260</u>	
1	Bit <u>400</u> Ft.	Total Hr. Run <u>39 1/4</u>	
	Kelly Down <u>16.25</u> Ft.	Cond. of Bit	
	Total <u>8000.00</u> Ft.	Reamer No.	
	Wt. of String <u>178,000</u> Lbs.	Reamer Type	
	Pipe in Hole <u>236</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>19</u> Jts.	Trucker	
	Total Pipe on Lease <u>255</u> Jts.	Trucker	
		Driller <u>L. Blabey</u>	

FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run SGL-S Par-el-P Com-d-C		
From	To	Ftg.							Liner Size	S.P.M.		Liner Size	S.P.M.
									1200	6"	48		
Deviation Record		Depth		Dev.		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	14						Rig service.					
12:15	1:00	34						Reaming from 5278' to 5403'					
1:00	1:15	14						Run into 5800'					
1:15	1:45	12						Pull out 8 stds. to 5050': hardly any hole drag.					
1:45	2:45	1						Run in 4 stds. 1 single to 5548': Clean hole/shale					
2:45	3:30	34						Cavings from 5548' to 5840'.					
3:30	4:15	34						Circulate to clean hole cavings out.					
4:15	7:00	2 34						Run in 23 stds. to bottom and fill on bottom.					
7:00	8:00	1						Circ. to condition mud + hole for logging.					
								Dummy trip out to 5000'					

Fishing	
A. Perforating	
B. Tubing Trips	
C. Swabbing	
D. Testing	
E. Additional	
Totals	<u>8</u> <u>8.8</u>

TIME SUMMARY (Office Use Only)

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
28	Stands D.P. <u>7297.73</u> Ft.	Bit No. <u>18</u>	Time <u>1:00</u>
2	Singles D.P. <u>62.97</u> Ft.	Size <u>8 3/4</u>	Weight <u>10.3</u>
2	D.C. <u>7'</u>	Mfg. <u>Sec.</u>	Visc.-Sec. <u>280</u>
2	I.D. O.D. <u>6140</u> Ft.	Type <u>588</u>	W.L.-C.C. <u>8.8</u>
18	D.C. <u>6 1/4</u>	No. <u>31</u>	FL TR. CK. <u>2/32</u>
18	I.D. O.D. <u>55367</u> Ft.	Size <u>16</u>	PH <u>9.0</u>
	Sub. Body O.D. <u>912260</u>	Ser. No. <u>912260</u>	SD. Cont. %
	Sub. Body O.D. <u>8000</u>	Depth Out <u>8000</u>	Pressure Gradient
	Rmr. Body O.D. <u>7740</u>	Depth In <u>7740</u>	
1	Subs. <u>398</u> Ft.	Total Ftg. <u>260</u>	
1	Bit <u>400</u> Ft.	Total Hr. Run <u>39 1/4</u>	
	Kelly Down <u>16.25</u> Ft.	Cond. of Bit <u>IN</u>	
	Total <u>8000.00</u> Ft.	Reamer No.	
	Wt. of String <u>178000</u> Lbs.	Reamer Type	
	Pipe in Hole <u>236</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>19</u> Jts.	Trucker <u>Falcon</u>	
	Total Pipe on Lease <u>255</u> Jts.	Trucker	
		Driller <u>R. L. H. H. H.</u>	

FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Method Run SGL-S Par-el- Com'd-
From	To	Ftg.							Liner Size	S.P.M.	Liner Size	S.P.M.	
Deviation Record													
Depth		Dev.	Direction		Depth	Dev.	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						✓ ROPS + Rig Service					
8:15	9:00	3/4						Pull Out Show To 5000 FT					
9:00	9:15	1/4						Run in To 5579					
9:15	10:00	3/4						CLEAN OUT BRIDGE @ 5579					
10:00	10:45	3/4						RUN IN 3 STDs + CLEAN OUT BRIDGE					
10:45								@ 5950.					
10:45	12:45	2						Run in To 6150 + CIRC TO CLEAN OUT					
								Shale.					
12:45	3:30	2 3/4						Pull Out To D.C.					
3:30	4:00	1/2						Repair AIRLINE ON No. 1 CLUTCH					

WIRE LINE RECORD	
Reel No.	<u>5</u>
No. of Lines	<u>8</u> Size <u>1 1/8</u>
Feet Slipped	<u>490</u>
Feet Cut Off	<u>490</u>
Present Length	<u>96</u>
Ton Mi. or Trips Since Last Cut	<u>1517</u>
Cumulative Ton Mi. or Trips	<u>1517</u>
No. of Days From Spool	
Cumulative Rotating Hrs.	
LETTERMANE. W. H. 72	
883-5837	

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Bit No.	Time
	Singles D.P.	Size	Weight
	D.C.	Mfg.	Visc.-Sec.
	I.D. O.D.	Type	W.L.-C.C.
	D.C.	No.	FL TR. CK.
	I.D. O.D.	Size	PH
	Sub. Body O.D.	Ser. No.	SD. Cont. %
	Sub. Body O.D.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Depth In	
	Subs. O.D.	Total Ftg.	
	Bit or C.B.	Total Hr. Run	
	Kelly Down	Cond. of Bit	
	Total	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			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press.	Pump No. 1	Pump No. 2	Method Run SGL- Par-el- Com d-
From	To	Ftg.							Liner Size	S.P.M.	
Deviation Record		Depth		Dev.	Direction	Depth	Dev.	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	5:15	1 14						Repair Airline			
5:15	7:00	1 34						SLIP 49' PIPE + CUT 98' DRAG LINE.			
7:00	9:45	2 34						Run in.			
9:45	10:00	14						Ream circ @ 6400' hole drag @ 6140'			
10:00	10:30	1 12						Run in to 7873			
10:30	11:00	1 12						Clean bridge @ 7873			
11:00	12:00	1						Run into bottom			
								M. Bussinger slipped on + fell into logs + CUT bottom lip + busted out upper teeth.			

No 7902

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name *Deer Lake Ex. McChompton Dehann*
Date *Jan. 17 1972*Location - Lat. Sec. Twp. Rge. W. M. *Jan. 17 1972*Weather Condition *-25*Road Conditions *Good*Nearest Town *Norman Wells*Water - Source *River*Miles Hauled *6*

Pumped

Camp Distance from Rig *100 yds.*Reason for Extra L. Plant *spare*

OPERATOR

Western Deer Lake

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. *3*DWKS *7-11*

Drill Pipe String

Tool Joint *6" O.D.*No. *4*Size *4 1/2*Type *F.H.*No. *1*MANUFACTURER *Ideco*TYPE *600*STROKE LENGTH *16"*No. *2*MANUFACTURER *Alcoa*TYPE *C-150*STROKE LENGTH *12"*No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

No. *1*

MANUFACTURER

TYPE

STROKE LENGTH

No. *2*

MANUFACTURER

TYPE

STROKE LENGTH

No. *3*

MANUFACTURER

TYPE

STROKE LENGTH

TIME DISTRIBUTION-HOURS

Morn Day Eve

Rig Up & Tear Down

Drilling Actual *7 1/4 7 1/2*Reaming *2 1/4*Conditioning Mud & Circulating *1 1/4 2 1/4*Trips *2 1/4*Lubricate Rig *1/4*Deviation Survey *1/4*Test B.O.P. *1/4*

Cut Off Drilling Line

Repair Rig *1/2*

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 8*

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/D/P

Hrs. WO/D/P

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. *5*No. of Lines *8* Size *1 1/8*Feet Slipped *441*Feet Cut Off *392*

Present Length

Ton M. or Trips Since Last Cut *753*Cumulative Ton M. or Trips *1161*

No. of Days From Spud

Cumulative Rotating Hrs. *16 1/2*

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

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No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

No. of Days From Spud

Cumulative Rotating Hrs.

NO. DRILLING ASSEMBLY AT END OF TOUR

Standards D.P. *7297.73*Singles D.P. *7297.73*D.C. *7297.73*I.D. O.D. *6140*D.C. *6140*I.D. O.D. *553.67*Subs. Body O.D. *3.98*Subs. Body O.D. *3.98*Rmr. Body O.D. *3.98*Subs. O.D. *3.98*

BIT RECORD

Standards D.P. *7297.73*Singles D.P. *7297.73*D.C. *7297.73*I.D. O.D. *6140*D.C. *6140*I.D. O.D. *553.67*Subs. Body O.D. *3.98*Subs. Body O.D. *3.98*Rmr. Body O.D. *3.98*Subs. O.D. *3.98*

Subs. O.D. <

7901
GUTHRIE McLAREN
Drilling Co.

Form 6

GUTHRIE & SONS
Drilling Co.

Lease Well Name: Dacatta Et Al. Champin
Location - Led. Sec. 65 Twp. 16 Rge. W. M. Jan. 16 1972
Weather Condition: -25° Road Condition: Good Nearest Town: Norman Wells Water Source: River Miles Hauled: 6 Pumped: 100 yds. Reason for Extra L. Plant: Spare

OPERATOR: Western Decalta
SIGNATURE OF OPERATOR'S REPRESENTATIVE: _____
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Blank

Rig No. 2 DWKS 7-11
Drill Pipe String 6" O.D.
Tool Joint 6" O.D.
Type Tbd. FH

PUMPS
No. 1 Manufacturer Tdecn TYPE 600 STROKE LENGTH 16"
No. 2 Manufacturer Nisco TYPE C-150 STROKE LENGTH 12"
No. 3

LAST CASING OR LINER
Size 9 5/8 Make 35 KS Wt. & Gr. 22 Feet 702 RKB. TO CSC. HD. 1300 Set at 696 Remarks

TIME DISTRIBUTION—HOURS
Morn Day Eve
Rig Up & Tear Down
Drilling Actual 7 3/4 7 3/4 7 3/4
Reaming
Conditioning Mud & Circulating
Trips
Lubricate Rig 1/4 7 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

MORNING TOUR
NO. 76 DRILLING AT END OF TOUR 7108.94 ASSEMBLY OF TOUR
BIT RECORD
Standards D.P. 18 Bit No. 18 Size 8 3/4 Mfg. Sec Type S88 No. 3 Size 1/6 Ser. No. 912260 Depth Out 7740 Depth In 7740 Total Ftg. 53 Total Hr. Run 9 Cond. of Bit IN Reamer No. 7793.02 Reamer Type Water Charges Reg. Hrs. O.T. Hrs.
MUD RECORD
Time 1:00 3:00 7:00 Weight 10.4 10.4 10.4 Visc.-Sec. 195 125 115 W.L.-C.C. 10.4 10.2 9.9 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. Gel 450 Spence 100 Caustic 50 CMC 50
FOOTAGE
From To Ftg. 7746 7793 47 Dev. 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 15 7 3/4 Rig service Drag 8 3/4 hole.
50 to 60 lbs table torque

DAY TOUR
NO. 77 DRILLING AT END OF TOUR 7203.32 ASSEMBLY OF TOUR
BIT RECORD
Standards D.P. 18 Bit No. 18 Size 8 3/4 Mfg. Sec Type S88 No. 3 Size 1/6 Ser. No. 912260 Depth Out 7740 Depth In 7740 Total Ftg. 100 Total Hr. Run 16 3/4 Cond. of Bit IN Reamer No. 7840.00 Reamer Type Water Charges Reg. Hrs. O.T. Hrs.
MUD RECORD
Time 9:00 12:00 3:30 Weight 10.3 10.3 10.3 Visc.-Sec. 230 280 300+ W.L.-C.C. 9.0 9.4 9.0 FL TR. CK. 2/32 2/32 2/32 PH 9.0 9.0 10.0 SD. Cont. % Pressure Gradient
Mud & Chemicals Added
Type Amt. Type Amt. Gel 3500 Spence 250 Caustic 200
FOOTAGE
From To Ftg. 7793 7840 47 Dev. 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 15 7 3/4 1 Bags Material Kills - Rig Service DRAG 8 3/4 Hole.
TABLE Torque 50 To 70 lbs

EVENING TOUR
NO. 77 DRILLING AT END OF TOUR 7203.32 ASSEMBLY OF TOUR
BIT RECORD
Standards D.P. 18 Bit No. 18 Size 8 3/4 Mfg. Sec Type S88 No. 3 Size 1/6 Ser. No. 912260 Depth Out 7740 Depth In 7740 Total Ftg. 154 Total Hr. Run 24 1/2 Cond. of Bit IN Reamer No. 7894.00 Reamer Type Water Charges Reg. Hrs. O.T. Hrs.
MUD RECORD
Time 4:00 8:00 11:00 Weight 10.3 10.3 10.3 Visc.-Sec. 290 185 188 W.L.-C.C. 9.0 9.2 9.0 FL TR. CK. 2/32 2/32 2/32 PH 10.0 9.5 9.5 SD. Cont. % Pressure Gradient
Mud & Chemicals Added
Type Amt. Type Amt. Caustic 50 Spence 100
FOOTAGE
From To Ftg. 7840 7894 54 Dev. 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 15 7 3/4 Rig Service DRAG 8 3/4 Hole.
50 to 70 lbs table torque

WIRE LINE RECORD
Reel No. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 441
Feet Cut Off 392
Present Length ?
Ton Mts. or Trips Since Last Cut 657
Cumulative Ton Mts. or Trips 1065
No. of Days From Spud 51
Cumulative Rotating Hrs. 607 1/4

No 7975

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta Et Al. Champlain Debedina Date Jan. 15 1972
Location — Decalta Sec. 65 Twp. 10 Rge. W M. 10Weather Condition -35° Road Conditions GoodNearest Town Norman WellsWater - Source RiverCamp Distance from Rig 100 ydsReason for Extra L. Plant spare

OPERATOR

Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. 2

Drill Pipe String

Trol Joint

6" O.D.

Type Thd.

FH

No.

MANUFACTURER

TYPE

STROKE LENGTH

LAST CASING TUBING OR LINER

Size

Make

Wt. & Gr.

No Joints

Feet

RKB. to CSG. HD.

Set at

Remarks

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

D. J. Blah

1.

Idccc60016"

2.

NcccC-15012"

3.

TIME DISTRIBUTION—HOURS

	Morn	Day	Even
Rig Up & Tear Down			
Drilling Actual	3 1/2	1 1/4	
Reaming		5 1/2	
Conditioning Mud & Circulating		1 1/4	
Trips	4	6 1/4	
Lubricate Rig	1 1/4	1 1/4	1 1/4
Deviation Survey	1 1/4		
Test B.O.P.		1 1/4	
Cut Off Drilling Line			
Repair Rig		1	
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
75	Stands D.P. 7015.62 Ft.	Bit No. 17	Time 1:00 3:00
2	Singles D.P. 62.47 Ft.	Size 8 3/4	Weight 10.4 10.4 8
	D.C. 7"	Mfg. Sec	Visc.-Sec. 240 250
2	I.D. O.D. 61.40 Ft.	Type S88	W.L.-C.C. 9.4 9.2
	D.C. 6 1/4"	No. 3	FL TR. CK. 2/32 2/32
18	I.D. O.D. 553.67 Ft.	Size 16	PH 10.0 10.0
	Sub. Body O.D.	Ser. No. 347182	SD. Cont. %
	Sub. Body O.D.	Depth Out 7740	Pressure Gradient
	Rmr. Body O.D.	Depth In 7375	
1	Sub. O.D. 3.58 Ft.	Total Ftg. 365	Mud & Chemicals Added
1	Bit 4.00 Ft.	Total Hr. Run 53 1/2	Type Amt. Type Amt.
	Kelly Down 38.86 Ft.	Cond. of Bit 141	
	Total 7740.00 Ft.	Reamer No.	
	Wt. of String 176,000 Lbs.	Reamer Type	
	Pipe in Hole 227 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 28 Jts.	Trucker	
	Total Pipe on Lease 255 Jts.	Trucker	
		Driller <u>L. Blah</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par d-P Com d-C
7720 7740 20	D				36 45	110	6" 46	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			
12:00 12:15 15						Rig service			
12:15 12:45 30						Drlg. 8 3/4 hole.			
12:45 1:00 15						Pump survey down			
1:00 1:15 15						Trip out of the hole: pipe was torqued			
1:15 1:30 15						(cleaned bridge @ 4643')			

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Bit No. 18	Time
	Singles D.P.	Size 8 3/4	Weight
	D.C.	Mfg. Sec	Visc.-Sec.
	I.D. O.D.	Type S88	W.L.-C.C.
	D.C.	No. 5	FL TR. CK.
	I.D. O.D.	Size 16	PH
	Sub. Body O.D.	Ser. No. 712260	SD. Cont. %
	Sub. Body O.D.	Depth Out 7375	Pressure Gradient
	Rmr. Body O.D.	Depth In	
	Subs O.D.	Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down	Cond. of Bit	
	Total	Reamer No.	
	Wt. of String	Reamer Type	
	Pipe in Hole	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	Trucker <u>FAKON</u>	
	Total Pipe on Lease	Trucker	
		Driller <u>R. Rutherford</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par d-P Com d-C
7740 7746 6	D				36 30	1200	6" 48	5 1/2	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 15						Rig Service			
8:15 11:45 3						Pull out pipe Torqued up Rod			
11:15 11:30 15						Change Bits / Bore, Blind Lams			
11:30 12:30 1						Repair Air Chutch			
12:30 3:45 3 1/4						Run in slow w/ BIT# 18			
3:45 4:00 15						BREAK CIRC.			

Total Day Work	
WIRE LINE RECORD	
Reel No. 5	
No. of Lines 8 Size 1 1/8	
Feet Slipped 441	
Feet Cut Off 392	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
76	Stands D.P. 7108.94 Ft.	Bit No. 18	Time 6:00 9:00 11:00
	Singles D.P.	Size 8 3/4	Weight 10.3 10.3 10.3
	D.C. 7"	Mfg. Sec	Visc.-Sec. 295 300
2	I.D. O.D. 61.40 Ft.	Type S88	W.L.-C.C. 10.4
	D.C. 6 1/4"	No. 3	FL TR. CK. 2/32
18	I.D. O.D. 553.67 Ft.	Size 16	PH 10.0
	Sub. Body O.D.	Ser. No. 712260	SD. Cont. %
	Sub. Body O.D.	Depth Out 7740	Pressure Gradient
	Rmr. Body O.D.	Depth In	
1	Sub. O.D. 3.98 Ft.	Total Ftg. 6	Mud & Chemicals Added
1	Bit 4.00 Ft.	Total Hr. Run 14	Type Amt. Type Amt.
	Kelly Down 14.01 Ft.	Cond. of Bit 10	
	Total 7746.00 Ft.	Reamer No.	
	Wt. of String 176,000 Lbs.	Reamer Type	
	Pipe in Hole 228 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 27 Jts.	Trucker	
	Total Pipe on Lease 255 Jts.	Trucker	
		Driller	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par d-P Com d-C
7740 7746 6	D				36 30	1200	6" 48	5 1/2	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			
4:00 4:15 15						Rig Service			
4:15 9:45 5 1/2						Reaming @ 5300			
9:45 10:45 1						Run in to bottom: No fill			
10:45 12:00 1 1/4						Drlg 8 3/4 hole.			

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run	
Total Day Work																							
WIRE LINE RECORD																							
Reel No.																							
No. of Lines																							
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.																							
75	Standards D.P.	7015.62 Ft.	Bit No.	17	Time	6:00	8:00	11:00	From	To	Page												
2	Singles D.P.	62.47 Ft.	Size	8 3/4	Weight	10.3	10.4	10.4	7672	7722	48	0					38	45	1100	6"	46	5 1/2	
2	D.C. 7"		Mfg.	Sec	Visc.-Sec.	80	180	200															
2	I.D. O.D.	61.40 Ft.	Type	588	W.L.-C.C.	10.4	10.8	10.4															
18	D.C. 6 1/4"		Nozzle	3	FL TR. CK.	2/32	3/32	2/32															
	I.D. O.D.	553.67 Ft.	Size	16	PH	10.0	10.0	10.0															
	Sb. Body O.D.		Ser. No.	347182	SD. Cont. %	14.5																	
	Sb. Body O.D.		Depth Out		Pressure Gradient																		
	Rmr. Body O.D.		Depth In	7375																			
	Subs. 1 1/2" O.D.	3.98 Ft.	Total Ftg.	345																			
	Bit or S.B.	4.00 Ft.	Total Hr. Run	51	Type	Amt.	Type	Amt.															
	Kelly Down	18.86 Ft.	Cond. of Bit	10																			
	Total	7720.00 Ft.	Reamer No.																				
	Wt. of String	175,000 Lbs.	Reamer Type																				
	Pipe in Hole	227 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.																			
	Pipe on Racks	28 Jts.	Trucker																				
	Total Pipe on Lease	255 Jts.	Trucker																				
			Driller																				

Deviations		Depth		Dev.		Direction		Depth		Dev.		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						WORK ON AIR CLUTCH + RIG SERVICE											
4:30	12:00	7 1/2						DRILL 8 3/4 HOLE.											

No 7973

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta Et Al Champin
Dehadinni D65
Location Ld. Sec. Twp. Rge. W. M. January 13, 72Weather Condition -45° Road Condition Good Nearest Town Norman Wells Water - Source River Miles Hauled 6 Pumped 100 yds Camp Distance from Rig 100 yds Reason for Extra L. Plant spare

OPERATOR

Western Decalta
SIGNATURE OF OPERATOR'S REPRESENTATIVERig No. 2
DWKS 7-11
Drill Pipe String No. 2 Size 4 1/2 Type FD
Tool Joint 6" O.D.
SIGNATURE OF CONTRACTOR'S TOOL PUSHER
O.R. BlakelyPUMPS
No. 1 MANUFACTURER Idccc TYPE 600 STROKE LENGTH 16"
LAST CASING TUBING OR LINER
2. Asco C-150 12"
3.

TIME DISTRIBUTION—HOURS

Morn Day Eve
Rig Up & Tear Down 7 3/4 7 3/4 7 3/4
Drilling Actual 7 3/4 7 3/4 7 3/4
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

MORNING TOUR

NO. 72 DRILLING ASSEMBLY AT END OF TOUR
Stand D.P. 67.33.38 Ft. Bit No. 17
2. Singles D.P. 63.38 Ft. Size 8 3/4
D.C. 7" Mfg. Sec
2 I.D. O.D. 61.40 Ft. Type 588
D.C. 6 1/4 No. 3
18 I.D. O.D. 553.67 Ft. Nozzle Size 16
Sub. Body O.D. 347182 Ft. Ser. No.
Sub. Body O.D. 7375 Ft. Depth Out
Rmr. Body O.D. 7375 Ft. Depth In
Subs. 398 Ft. Total Ftg. 80
1 1/2" 4.00 Ft. Total Hr. Run 12 3/4
Kelly Down 35.27 Ft. Cond. of Bit in
Total 7455.00 Ft. Reamer No.
Wt. of String 173,000 Lbs. Reamer Type
Pipe in Hole 218 Jts. Water Charges Reg. Hrs. O.T. Hrs.
Pipe on Racks 37 Jts. Trucker
Total Pipe on Lease 255 Jts. TruckerMUD RECORD
Time 1:00 3:00 7:00
Weight 10.5 10.5 10.5
Visc.-Sec. 140 190 110
W.L.-C.C. 10.2 12.0
FL TR. CK. 3/32 3/32
PH 9.0 9.0
SD. Cont. %
Pressure Gradient
Mud & Chemicals Added
Type Amt. Type Amt.
Ge 1. 2400
Soda Ash 2400
C.M.C. 150
Caustic 200
Driller L. BlakelyFOOTAGE
From To Ftg. 7408 7455 47 D
DR-D RM-R Core-C
Core No.
FORMATION (SHOW CORE RECOVERY)
Rotary RPM 36 Wt. on Bit 1000 Lbs. 45 Pump Press 1200 Pump No. 1 6" S.P.M. 50 Pump No. 2 5 1/2" S.P.M. 5 Method Run S
Deviation Record
Hour Started 12:00 Hour Stopped 12:15 Elapsed Time 1/4
12:15 8:00 7 3/4
DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
Rig service
Drill 8 3/4 hole
60 to 75 lbs. table torqueCOMPLETION WORK
A. Perforating
B. Tubing Trips
C. Swabbing
D. Testing
E. Additional
Totals 8 8 8

DAY TOUR

NO. 73 DRILLING ASSEMBLY AT END OF TOUR
Stand D.P. 6828.14 Ft. Bit No. 17
1. Singles D.P. 31.14 Ft. Size 8 3/4
D.C. 7" Mfg. Sec
2 I.D. O.D. 61.40 Ft. Type 588
D.C. 6 1/4 No. 3
18 I.D. O.D. 553.67 Ft. Nozzle Size 16
Sub. Body O.D. 347182 Ft. Ser. No.
Sub. Body O.D. 7375 Ft. Depth Out
Rmr. Body O.D. 7375 Ft. Depth In
Subs. 398 Ft. Total Ftg. 126
1 1/2" 4.00 Ft. Total Hr. Run 20 1/2
Kelly Down 18.67 Ft. Cond. of Bit in
Total 7501.00 Ft. Reamer No.
Wt. of String 174,000 Lbs. Reamer Type
Pipe in Hole 220 Jts. Water Charges Reg. Hrs. O.T. Hrs.
Pipe on Racks 35 Jts. Trucker FALCON 17
Total Pipe on Lease 255 Jts. TruckerMUD RECORD
Time 8:30 12:30 4:00
Weight 10.5 10.4 10.3
Visc.-Sec. 300 260 160
W.L.-C.C. 12.8 12.6 13.4
FL TR. CK. 2/32 2/32 2/32
PH 10.5 10.5 11.0
SD. Cont. %
Pressure Gradient
Mud & Chemicals Added
Type Amt. Type Amt.
Ge 1 1000 LBS
Soda Ash 2500 LBS
C.M.C. 100 LBS
Driller R. R. ThelardFOOTAGE
From To Ftg. 7455 7501 46 D
DR-D RM-R Core-C
Core No.
FORMATION (SHOW CORE RECOVERY)
Rotary RPM 38 Wt. on Bit 1000 Lbs. 45 Pump Press 1400 Pump No. 1 6" S.P.M. 44 Pump No. 2 5 1/2" S.P.M. 5 Method Run S
Deviation Record
Hour Started 8:00 Hour Stopped 9:15 Elapsed Time 1 1/4
9:15 9:30 1/4
9:30 4:00 6 1/2
DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
DRILL 8 3/4 hole
✓ Bops, Motor Shut off - Rig Service
DRILL 8 3/4 hole

Total Day Work

EVENING TOUR

NO. 73 DRILLING ASSEMBLY AT END OF TOUR
Stand D.P. 6828.14 Ft. Bit No. 17
2. Singles D.P. 62.29 Ft. Size 8 3/4
D.C. 7" Mfg. Sec
2 I.D. O.D. 61.40 Ft. Type 588
D.C. 6 1/4 No. 3
18 I.D. O.D. 553.67 Ft. Nozzle Size 16
Sub. Body O.D. 347182 Ft. Ser. No.
Sub. Body O.D. 7375 Ft. Depth Out
Rmr. Body O.D. 7375 Ft. Depth In
Subs. 398 Ft. Total Ftg. 180
1 1/2" 4.00 Ft. Total Hr. Run 28 1/4
Kelly Down 42.00 Ft. Cond. of Bit in
Total 7555.48 Ft. Reamer No.
Wt. of String 174,000 Lbs. Reamer Type
Pipe in Hole 221 Jts. Water Charges Reg. Hrs. O.T. Hrs.
Pipe on Racks 34 Jts. Trucker
Total Pipe on Lease 255 Jts. TruckerMUD RECORD
Time 4:30 8:00 11:00
Weight 10.3 10.4 10.5
Visc.-Sec. 160 162 300
W.L.-C.C. 13.4 12.6
FL TR. CK. 3/32 3/32
PH 11.0 10.5 10.5
SD. Cont. %
Pressure Gradient
Mud & Chemicals Added
Type Amt. Type Amt.
Ge 1. 200
Caustic 200
Sperseed 400
DrillerFOOTAGE
From To Ftg. 7501 7555 54 D
DR-D RM-R Core-C
Core No.
FORMATION (SHOW CORE RECOVERY)
Rotary RPM 38 Wt. on Bit 1000 Lbs. 45 Pump Press 1400 Pump No. 1 6" S.P.M. 44 Pump No. 2 5 1/2" S.P.M. 5 Method Run S
Deviation Record
Hour Started 4:00 Hour Stopped 4:15 Elapsed Time 1/4
4:15 12:00 7 3/4
DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
Rig Service
DRILL 8 3/4 hole

WIRE LINE RECORD

Reel No. 5
No. of Lines 8 Size 1 1/2
Feet Slipped 441
Feet Cut Off 392
Present Length ?
Ton Mi. or Trips Since Last Cut 472
Cumulative Ton Mi. or Trips 558
No. of Days From Spud 558
Cumulative Rotating Hrs. 558
FEB 5 1972
FEB 12 1972
FEB 19 1972
FEB 26 1972
FEB 27 1972
FEB 28 1972
FEB 29 1972
FEB 30 1972
FEB 31 1972

No 7972

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name *Decata, Ft. H. Champlin*

Date

Location - Lat. *Dakota* Sec. *065* Twp. *12* Rge. *19* W. *12* M. *12**Jan 12 1972*Weather *-35*Road Conditions *Good*Nearest Town *Norman*Water - Source *Well*Camp Distance from Rig *100 yds.*

OPERATOR

Rig No. *2*

Drill Pipe

Tool Joint

No. *6*O.D. *1 1/2*

PUMPS

Western Decata
SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

O.R. blank

No.

MANUFACTURER

TYPE

STROKE LENGTH

LAST CASING TUBING OR LINER

Size

Make

Wt. & Gr.

No Joints

Feet

RKB to CSG. HD.

Set at

Remarks

1.

*THeco**1600**16"*

2.

*Nisco**C-150**12"*

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

A. Performing

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 *441*Feet Cut Off *392*Present Length *?*Ton Mi. or Trips Since Last Cut *472*Cumulative Ton Mi. or Trips *780*No. of Days From Spud *47*Cumulative Rotating Hrs. *533 1/4*

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run					
		Stands D.P.	Feet	Bit No.	Time	Weight	Visc.-Sec.										W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient
72	Stands D.P. 6733.38	Feet	16	17	Time 1:00 3:00 6:00	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction
1	Singles D.P.	Feet	8 3/4	8 3/4	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
2	D.C. 7'	Feet	Mfg. Murphy	Sec 588	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
18	I.D. O.D. 6140	Feet	Type Mfg. J	588	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	D.C. 64	Feet	No. 3	3	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	I.D. O.D. 553.67	Feet	No. 16	16	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Subs. Body O.D.	Feet	Ser. No. 260633	347182	Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Subs. Body O.D.	Feet	Depth Out 7375		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Subs. Body O.D.	Feet	Depth In 7270		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Subs. O.D.	Feet	Total Ftg. 105		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Bit O.D.	Feet	Total Hr. Run 18 3/4		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Kelly Down	Feet	Cond. of Bit 671		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Total	Feet	Reamer No.		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Wt. of String	Lbs.	Reamer Type		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Pipe in Hole	Jts.	Water Charges Reg. Hrs. O.T. Hrs.		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Pipe on Racks	Jts.	Trucker		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Total Pipe on Lease	Jts.	Trucker		Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	
1	Driller				Weight 10.4 10.4 10.4	Visc.-Sec. 140 200 255	W.L.-C.C. 10.2 10.6 11.0	FL TR. CK. 10.5 10.5 10.5	PH 10.5 10.5 10.5	SD. Cont. %	Pressure Gradient	From 7372	To 7375	Ftgs. 3	Depth	Dev.	Direction	Depth	Dev.	Direction	

Rig service
1400 8 3/4 hole
Circulating & conditioning mud
Pull out to 5454' slowly
Circulating to clean hole @ 5454'
*Pull out slowly**E. TRUDEAU slipped on ice & twisted*
*left knee**Run in slow w/ Bit # 17*
BREAK CIRC. HARD TO BREAK MUD VERY THICK
+ CLEAN 25' TO BOTTOM
DRILL 8 3/4 hole

No 7971

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Name DECATTA ET AL CHAMBERLIN Date JAN 11 1972
Well Name DAKOTA D-65
Location - Lat. Sec. Twp. Rge. W. M.Weather Condition SS Road Conditions GOOD Nearest Town NORMAN WASH Water - Source RIVER Miles Hauled 100 YDS. Camp Distance from Rig 100 YDS. Reason for Extra L. Plant SPACE

OPERATOR <u>WESTERN DECATTA</u>	Rig No. <u>2</u> DWKS <u>7-11</u>	Drill Pipe String <u>6"</u> O.D. No. <u>7-11</u> Size <u>4.5</u> Type Thd. <u>FH</u>	Tool Joint <u>6"</u> O.D. No. <u>7-11</u> Size <u>4.5</u> Type Thd. <u>FH</u>	PUMPS No. MANUFACTURER TYPE STROKE LENGTH 1. <u>EDCO</u> <u>636</u> <u>16"</u> 2. <u>NISCO</u> <u>C150</u> <u>12"</u> 3.	LAST CASING TUBING OR LINER <u>95%</u> <u>35KJ</u> <u>22</u> <u>702</u> <u>13.00</u> <u>698</u>	Size Make Wt. & Gr. No Joints Feet RKB. to CSG. HD. Set at Remarks
SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>O.R. Leland</u>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <u>O.R. Leland</u>				

TIME DISTRIBUTION—HOURS				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR-D RM-R Core-C		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
Morn	Day	Even		NO.	Stand D.P.	6639.27	Bit No.	16	Time	100	400	700	From	To	Ftg.	Core No.													
Rig Up & Tear Down				1	Singles D.P.		Size	8 3/4	Weight	10.6	10.6	10.6	6555	7270	615	R.													
Drilling Actual	2 3/4	7 3/4		2	D.C. 7"		Mfg.	MURPHY	Visc.-Sec.	250	250	330	7270	7270	15	D													
Reaming	5			15	I.D. O.D.	6140	Type	4 MET	W.L.-C.C.	10.4																			
Conditioning Mud & Circulating					D.C.		No.	3	FL TR. CK.	332																			
Trips					I.D. O.D.	553.67	Nozzle	16	PH	11.0	11.0	11.0																	
Lubricate Rig	4				Sb. Body O.D.		Ser. No.	260633	SD. Cont. %																				
Deviation Survey					Sb. Body O.D.		Depth Out		Pressure Gradient																				
Test B.O.P.		14			Rmr. Body O.D.		Depth In	7270																					
Cut Off Drilling Line					Subs. O.D.	3.98	Total Ftg.	15																					
Repair Rig					Bit O.D.	4.00	Total Hr. Run	234																					
Coring					Kelly Down	22.68	Cond. of Bit	IN																					
Wire Line Logging					Total	7285	Reamer No.																						
Running Casing & Cementing					Wt. of String	175,000	Reamer Type																						
Waiting on Cement					Pipe in Hole	213	Water Charges	Reg. Hrs. O.T. Hrs.																					
Drill Stem Test					Pipe on Racks	42	Trucker																						
Other					Total Pipe on Lease	255	Trucker																						
								Driller <u>Allen Jorgensen</u>																					

TIME SUMMARY (Office Use Only)				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR-D RM-R Core-C		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
A. Perforating	B. Tubing Trips	C. Swabbing	D. Testing	E. Additional	NO.	Stand D.P.	6639.27	Bit No.	16	Time	9:00	12:00	3:00	From	To	Ftg.	Core No.												
					1	Singles D.P.	31.24	Size	8 3/4	Weight	10.6	10.6	10.6	7285	7335	50	D												
					2	D.C. 7"		Mfg.	MURPHY	Visc.-Sec.	300	270	180																
					18	I.D. O.D.	6140	Type	4 MET	W.L.-C.C.	8.8	12.4	9.6																
						D.C. 6 1/4"		No.	3	FL TR. CK.	332	332	332																
						I.D. O.D.	553.67	Size	16	PH	10.5	10.5	10.5																
						Sb. Body O.D.		Ser. No.	260633	SD. Cont. %																			
						Sb. Body O.D.		Depth Out		Pressure Gradient																			
						Rmr. Body O.D.		Depth In	7270																				
						Subs. O.D.	3.98	Total Ftg.	85																				
						Bit O.D.	4.00	Total Hr. Run	10 1/2																				
						Kelly Down	42.00	Cond. of Bit	IN																				
						Total	7335.76	Reamer No.																					
						Wt. of String	173,000	Reamer Type																					
						Pipe in Hole	214	Water Charges	Reg. Hrs. O.T. Hrs.																				
						Pipe on Racks	41	Trucker																					
						Total Pipe on Lease	255	Trucker																					
								Driller <u>Ken Blakley</u>																					

WIRE LINE RECORD				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR-D RM-R Core-C		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
Red No.	No. of Lines	Size	1 1/8	NO.	Stand D.P.	6733.38	Bit No.	16	Time	4:00	8:30	11:30	From	To	Ftg.	Core No.													
				2	D.C. 7"		Mfg.	MURPHY	Visc.-Sec.	180	240	320	7335	7372	37	D													
				18	I.D. O.D.	6140	Type	4 MET	W.L.-C.C.	9.6	11.6	11.2																	
						D.C. 6 1/4"		No.	3	FL TR. CK.	332	332	332																
						I.D. O.D.	553.67	Size	16	PH	8.5	10.5	10.5																
						Sb. Body O.D.		Ser. No.	260633	SD. Cont. %																			
						Sb. Body O.D.		Depth Out		Pressure Gradient																			
						Rmr. Body O.D.		Depth In	7270																				
						Subs. O.D.	3.98	Total Ftg.	102																				
						Bit O.D.	4.00	Total Hr. Run	19																				
						Kelly Down	72.57	Cond. of Bit	IN																				
						Total	7372.00	Reamer No.																					
						Wt. of String	173,000	Reamer Type																					
						Pipe in Hole	216	Water Charges	Reg. Hrs. O.T. Hrs.																				
						Pipe on Racks	39	Trucker																					
						Total Pipe on Lease	255	Trucker																					
								Driller <u>R. R. Rutherford</u>																					

No 7970

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DEALTA ET AL CHAMBER
DAHANNI 065
Location - Ld. Sec. Top. Rge. W. M. JAWIC 1972Weather Condition - 50Road Conditions 9000Nearest Town NEWMAN WELLSWater - Source RIVER
Miles Hauled 6 PumpedCamp Distance from Rig 10000
Reason for Extra L. Plant S.P.M.

OPERATOR

WESTERN DEALTA
SIGNATURE OF OPERATOR'S REPRESENTATIVERig No. 2
Drill Pipe String 2-11
Tool Joint 6" O.D.
No. 2 Size 4 1/2" Type Thd. FH

PUMPS

MANUFACTURER TYPE STROKE LENGTH
1. EDCO 60" 16
2. WSCO 6150 12
3.

LAST CASING TUBING OR LINER

Size Make Wt. & Gr. No Joints Feet RKB to CSG. H.D. Set at Remarks
9 5/8 35KJ 22 702 13.0 698

TIME DISTRIBUTION-HOURS

	Morn	Day	Even
Rig Up & Tear Down			
Drilling Actual			
Reaming	<u>7 3/4</u>		
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	<u>4</u>	<u>4</u>	
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			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
54	Stands D.P.	Bit No. <u>16</u>	Time <u>1:00</u> <u>4:00</u> <u>7:00</u>
1	Singles D.P.	Size <u>8 3/4</u>	Weight <u>10.7</u> <u>10.6</u> <u>10.7</u>
2	D.C. <u>7"</u>	Mfg. <u>MURPHY</u>	Visc.-Sec. <u>250</u> <u>195</u> <u>165</u>
18	I.D. O.D. <u>61.40</u>	Type <u>YMG-J</u>	W.L.-C.C. <u>3.8</u>
	D.C. <u>6 1/4"</u>	No. <u>3</u>	FL TR. CK. <u>2 3/2</u>
	I.D. O.D. <u>553.67</u>	Nozzle Size <u>16</u>	PH <u>11.0</u> <u>11.0</u> <u>11.0</u>
	Sb. Body O.D.	Ser. No. <u>260633</u>	SD. Cont. %
	Sb. Body O.D.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Depth In <u>7270</u>	
1	Subs. O.D.	Total Ftg.	Mud & Chemicals Added
1	Bit of C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down <u>42.00</u>	Cond. of Bit	<u>GEL</u> <u>800</u>
	Total <u>5744.90</u>	Reamer No.	<u>PEDEX</u> <u>100</u>
	Reamer Type		<u>CAUSTIC</u> <u>50</u>
	Wt. of String <u>140,000</u> Lbs.		
	Pipe in Hole	Water Charges	Reg. Hrs. O.T. Hrs.
	Pipe on Racks	Trucker	
	Total Pipe on Lease	Trucker	Driller <u>G. J. J.</u>

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par-el-P Com'd-C
5059 5746 687	<u>R</u>			<u>80</u>	<u>8-10</u>	<u>1200</u>	<u>6"</u> <u>50</u>	<u>5 1/2</u>	<u>5</u>
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	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 15						<u>Rig SER.</u>			
12:15 12:30 15						<u>Ream.</u>			

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

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
54	Stands D.P.	Bit No. <u>16</u>	Time <u>9:00</u> <u>12:00</u> <u>3:00</u>
2	Singles D.P.	Size <u>8 3/4</u>	Weight <u>10.7</u> <u>10.7</u> <u>10.7</u>
2	D.C. <u>7"</u>	Mfg. <u>MURPHY</u>	Visc.-Sec. <u>125</u> <u>240</u> <u>260</u>
2	I.D. O.D. <u>61.40</u>	Type <u>YMG-J</u>	W.L.-C.C. <u>12.4</u> <u>9.6</u>
18	D.C. <u>6 1/4"</u>	No. <u>3</u>	FL TR. CK. <u>4 3/2</u> <u>3 3/2</u>
	I.D. O.D. <u>553.67</u>	Nozzle Size <u>16</u>	PH <u>10.5</u> <u>11.0</u>
	Sb. Body O.D.	Ser. No. <u>260633</u>	SD. Cont. %
	Sb. Body O.D.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Depth In	
1	Subs. O.D.	Total Ftg.	Mud & Chemicals Added
1	Bit of C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down <u>42.00</u>	Cond. of Bit	<u>Gel</u> <u>1800</u>
	Total <u>5778.10</u>	Reamer No.	<u>CAUSTIC</u> <u>200</u>
	Reamer Type		<u>PEDEX</u> <u>300</u>
	Wt. of String <u>142,000</u> Lbs.		<u>CMC</u> <u>50</u>
	Pipe in Hole	Water Charges	Reg. Hrs. O.T. Hrs.
	Pipe on Racks	Trucker	<u>10</u>
	Total Pipe on Lease <u>255</u> Jts.	Trucker	Driller <u>L. Blakely</u>

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par-el-P Com'd-C
5746 5778 32	<u>R</u>			<u>80</u>	<u>8-10</u>	<u>1200</u>	<u>6"</u> <u>50</u>	<u>5 1/2</u>	<u>5</u>
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
Hour Started Hour Stopped Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
2:00 2:15 15						<u>Rig service & ✓ BOP's</u>			
2:15 2:30 15						<u>Reaming</u>			

WIRE LINE RECORD
Reel No. <u>5</u>
No. of Lines <u>8</u> Size <u>1 1/8</u>
Feet Slipped <u>392</u>
Feet Cut Off <u>392</u>
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
63	Stands D.P.	Bit No. <u>16</u>	Time <u>5:00</u> <u>8:00</u> <u>11:00</u>
	Singles D.P.	Size <u>8 3/4</u>	Weight <u>10.7</u> <u>10.7</u> <u>10.7</u>
2	D.C. <u>7"</u>	Mfg. <u>MURPHY</u>	Visc.-Sec. <u>230</u> <u>250</u> <u>250</u>
18	I.D. O.D. <u>61.40</u>	Type <u>YMG-J</u>	W.L.-C.C. <u>2 3/2</u>
	D.C. <u>6 1/4"</u>	No. <u>3</u>	FL TR. CK. <u>11.0</u> <u>11.0</u>
	I.D. O.D. <u>553.67</u>	Nozzle Size <u>16</u>	PH <u>11.0</u> <u>11.0</u>
	Sb. Body O.D.	Ser. No. <u>260633</u>	SD. Cont. %
	Sb. Body O.D.	Depth Out	Pressure Gradient
	Rmr. Body O.D.	Depth In	
1	Subs. O.D.	Total Ftg.	Mud & Chemicals Added
1	Bit of C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down <u>40.00</u>	Cond. of Bit	
	Total <u>6555</u>	Reamer No.	
	Reamer Type		
	Wt. of String <u>148</u> Lbs.		
	Pipe in Hole	Water Charges	Reg. Hrs. O.T. Hrs.
	Pipe on Racks	Trucker	
	Total Pipe on Lease <u>255</u> Jts.	Trucker	Driller

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par-el-P Com'd-C
5778 6555 777	<u>R</u>			<u>80</u>	<u>8-10</u>	<u>1200</u>	<u>6"</u> <u>50</u>	<u>5 1/2</u>	<u>5</u>
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	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 15						<u>Rig service</u>			
4:15 4:30 15						<u>Reaming</u>			

No 7968

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name **DECALTA ET AL CHAMPLIN**
DARADINNI D-LS

Date

JAN 8 1972

Weather Condition - 40

Road Conditions 9000

Nearest Town NORMAN WELLS

Water - Source RIVER

Camp Distance from Rig 100 YDS

Reason for Extra L. Plant 5 PARE.

OPERATOR

Rig No. 2
DWKS 7-11
Drill Pipe String 2 1/2
Tool Joint 6 O.D.
Type Tbd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECS	600	16"
2.	NSCO	150	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Sec at	Remarks
9 5/8		35 K5	22	722	13.62	628	

WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

O.R. Balak

TIME DISTRIBUTION-HOURS

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Rig Up & Tear Down							
Drilling Actual							
Reaming	1						
Conditioning Mud & Circulating							
Trips	1	1/2					
Lubricate Rig	1/4						
Deviation Survey							
Test B.O.P.							
Cut Off Drilling Line							
Repair Rig							
Coring							
Wire Line Logging							
Running Casing & Cementing							
Waiting on Fishing Cement		1/2					
Drill Stem Test							
Other							

Fishing	5 3/4	1 1/2	8
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			
Red No.	5		
No. of Lines	8	Size	1 1/8
Feet Slipped	392		
Feet Cut Off	392		
Present Length			
Ton Mi. or Trips Since Last Cut	186		
Cumulative Ton Mi. or Trips			
No. of Days From Spud	42		
Cumulative Rotating Hrs.	509 1/2		

WIRE LINE RECORD

Red No.	5
No. of Lines	8
Feet Slipped	392
Feet Cut Off	392
Present Length	
Ton Mi. or Trips Since Last Cut	186
Cumulative Ton Mi. or Trips	
No. of Days From Spud	42
Cumulative Rotating Hrs.	509 1/2

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
41	Standards D.P.	15	Time 100 400 700	From 5340 To 5453 Ftg. 113									
1	Singles D.P.	834	Weight 10.6										
2	D.C.	582	Visc.-Sec. 805										
18	I.D. O.D.	588	W.L.-C.C. 4.3										
64	D.C.	3	FL TR. CK. 32										
553.67	I.D. O.D.	16	PH 11.0										
Subs	Subs	34689	SD. Cont. %										
398	Bit or C.B.	400	Pressure Gradient										
29.26	Kelly Down	5453.00	Mud & Chemicals Added										
5453.00	Total		Type Amt. Type Amt.										
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													
NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
Standards D.P.	Singles D.P.	D.C.	I.D. O.D.	D.C.	I.D. O.D.	Subs	Bit or C.B.	Kelly Down	Total	Wt. of String	Pipe in Hole	Pipe on Racks	Total Pipe on Lease
Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient	Mud & Chemicals Added	Type Amt. Type Amt.				
8:00	2:30	6 1/2											
2:30	3:30	1											
3:30	4:00	1/2											
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
8:00	2:30	6 1/2						Waiting on fishing tools.					
2:30	3:30	1						Pick up fishing tools + make them up					
3:30	4:00	1/2						Run in the touch last pipe w/over-shot.					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
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Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
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Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS					
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6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot					
6:30	7:00	1/2						Line above stuck pipe					
7:00	12:00	5						Hook onto stuck pipe with over-shot + working pipe. Pull 4 STANDS					
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 the hook on the last pipe w/over-shot	</				

N^o 7966GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name DELANTA ET AL CHAMPAIN
DANADINNI D65
Location - Lat. _____ Sec. _____ Twp. _____ Rge. _____ W. _____ M. _____

Date

JAN 6 1972

Weather Condition -35Road Conditions 9000Nearest Town NORMAN WELLSWater - Source R.O.P.
Miles Hauled 6 Pumped _____Camp Distance from Rig 100 YDS
Reason for Extra L. Plant SPARE

OPERATOR <u>WESTERN DELANTA</u> SIGNATURE OF OPERATOR'S REPRESENTATIVE _____	Rig No. <u>2</u> DWKS <u>7-11</u>	Drill Pipe String <u>2</u> HSE	Tool Joint <u>534</u> O.D. Type Thd. <u>FH</u>	PUMPS No. MANUFACTURER TYPE STROKE LENGTH 1. <u>IDECO</u> <u>1600</u> <u>16"</u> 2. <u>USCO</u> <u>6150</u> <u>12"</u> 3. _____			LAST CASING TUBING OR LINER	Size <u>9 5/8</u>	Make	Wt. & Gr. <u>35 KS</u>	No Joints <u>22</u>	Feet <u>702</u>	RKB. to CSG. HD. <u>13.00</u>	Set at <u>698</u>	Remarks
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TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
	Morn	Day	Even	NO.	Stands D.P.	Feet	Bit No.	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient
Rig Up & Tear Down				44	Stands D.P.	4564.66	15	100	400	700	4903	5007	104	R.	
Drilling Actual				2	Singles D.P.		8 3/4	10.5	10.5	10.5					
Reaming	7 3/4	7 3/4		2	D.C. 7"	61.40	SEC	250	270	360					
Conditioning Mud & Circulating				18	I.D. O.D.	553.67	588	7.6	8.0						
Trips				18	D.C. 6 1/4"		No. 3	9.0	9.5	9.5					
Lubricate Rig	1/4		1/4	18	I.D. O.D.		Size 16								
Deviation Survey				1	Sub. Body O.D.		Ser. No. 346819								
Test B.O.P.	1/4			1	Sub. Body O.D.		Depth Out								
Cut Off Drilling Line				1	Rmr. Body O.D.		Depth In								
Repair Rig				1	Sub. Body O.D.		Total Ftg.								
Coring				1	Bit 6 1/2"	4.00	Total Hr. Run								
Wire Line Logging				1	Kelly Down	20.00	Cond. of Bit								
Running Casing & Cementing				1	Total	5007.77	Reamer No.								
Waiting on Cement					Wt. of String		Reamer Type								
Drill Stem Test					Pipe in Hole		Water Charges								
Other					Pipe on Racks		Trucker								
					Total Pipe on Lease		Trucker								
							Driller								

TIME SUMMARY (Office Use Only)				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
	Morn	Day	Even	NO.	Stands D.P.	Feet	Bit No.	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient
A. Perforating				48	Stands D.P.	4489.16	15	9.00	12.00	3.00	4956	5153	195	R	
B. Tubing Trips				2	Singles D.P.		8 3/4	10.2	10.2	10.4					
C. Swabbing				2	D.C. 7"	61.40	SEC	360	360	350					
D. Testing				18	I.D. O.D.	553.67	588	7.8	8.4	9.0					
E. Additional				18	D.C. 6 1/4"		No. 3	9.8	9.0	9.0					
Totals	8	8		18	I.D. O.D.		Size 16								
				1	Sub. Body O.D.		Ser. No. 346819								
				1	Sub. Body O.D.		Depth Out								
				1	Rmr. Body O.D.		Depth In								
				1	Sub. Body O.D.		Total Ftg.								
				1	Bit 6 1/2"	4.00	Total Hr. Run								
				1	Kelly Down	42.00	Cond. of Bit								
				1	Total	5153.15	Reamer No.								
					Wt. of String	127,000	Reamer Type								
					Pipe in Hole		Water Charges								
					Pipe on Racks		Trucker								
					Total Pipe on Lease		Trucker								
							Driller								

WIRE LINE RECORD				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
	Morn	Day	Even	NO.	Stands D.P.	Feet	Bit No.	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient
Reel No.	5			48	Stands D.P.	4550.60	15	5.00	8.00	11.00	5153	5194	41	R	
No. of Lines	8			2	Singles D.P.		8 3/4	10.4	10.4	10.4					
Feet Slipped	392			2	D.C. 7"	61.40	SEC	345	250	250					
Feet Cut Off	392			18	I.D. O.D.	553.67	588	9.2	9.3						
Present Length				18	D.C. 6 1/4"		No. 3	9.0	9.0	10.5					
Ton Mi. or Trips Since Last Cut	186			18	I.D. O.D.		Size 16								
Cumulative Ton Mi. or Trips				1	Sub. Body O.D.		Ser. No. 346819								
No. of Days From Spud	40			1	Sub. Body O.D.		Depth Out								
Cumulative Rotating Hrs.	509 1/2			1	Rmr. Body O.D.		Depth In								
				1	Sub. Body O.D.		Total Ftg.								
				1	Bit or C.B.	4.00	Total Hr. Run								
				1	Kelly Down	20.35	Cond. of Bit								
				1	Total	5194.00	Reamer No.								
					Wt. of String	127,000	Reamer Type								
					Pipe in Hole		Water Charges								
					Pipe on Racks		Trucker								
					Total Pipe on Lease		Trucker								
							Driller								



[illegible]

7964

1964
GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Handwritten form for drilling operations. Includes sections for: GUTHRIE McCLAREN Drilling Co., Lease Well Name (DECATAL ET AL CAMP LIN), Location (Dahanni 665), Date (JAN 4 1972), OPERATOR (WESTERN DECATAL), SIGNATURE OF OPERATOR'S REPRESENTATIVE (O.R. Leland), SIGNATURE OF CONTRACTOR'S TOOL PUSHER (O.R. Leland), TIME DISTRIBUTION—HOURS, NO. DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE, FORMATION (SHOW CORE RECOVERY), DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS, TIME SUMMARY (Office Use Only), WIRE LINE RECORD, and EVENING TOUR.

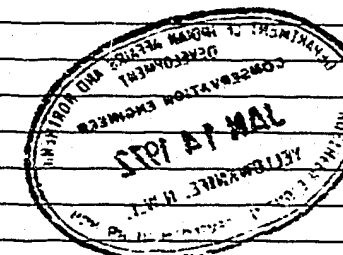
7963

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Handwritten form for drilling operations, including sections for Lease, Well Name, Location, Date, Operator, and various tables for Drilling Assembly, Bit Record, Mud Record, Footage, and Completion Work. Includes a signature of D.R. Lelah and a circular stamp at the bottom right.



7962

GUTHRIE McLAREN
Drilling Co.

Form 6

Drilling Log Form for DECATAL ETAL CAMPBELL. Includes sections for OPERATOR, TIME DISTRIBUTION, DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, FOOTAGE, and COMPLETION WORK. The log details a drilling operation on JAN 2, 1972, with a depth of 6944 feet. It includes various measurements like rig time, mud volume, and pump rates, along with handwritten notes and signatures.

No 7960

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Name DECATALTA AL CAMPBELL Date DEC 31 1971
Well Name DAHLIA INN D 65Location - Loc. 2 Sec. 2 Twp. 19 Rge. 7 W. 1 M. 1Weather Condition 0Road Conditions 9 600Nearest Town NORMANWater - Source RIVERCamp Distance from Rig 100 YDSReason for Extra L. Plant SPARE

OPERATOR	Rig No. <u>2</u> DWKS <u>7-11</u>	Drill Pipe String	Tool Joint	534 O.D.	PUMPS			LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
					No.	MANUFACTURER	TYPE									
WESTERN DECATALTA SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER <u>D.R. Beland</u>	No.	Site	Type Thd.	1.	<u>LDCCO</u>	<u>600</u>	<u>16</u>								
					2.	<u>NSCO</u>	<u>6150</u>	<u>12</u>								
					3.											

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run		
Rise Up & Tear Down	Morn	Day	Even	Stands D.P.	6075-9ft.	Bit No.	12	Time	100	400	700	From	To	Ft.	DR-D RM-R Core-C	Core No.				Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'd-P Com'd-C		
Drilling Actual	<u>5:47</u>	<u>7:14</u>	<u>4:4</u>	2	D.C. 7"	Size	<u>8 3/4</u>	Weight	<u>10.0</u>			<u>6694</u>	<u>6738</u>	<u>56</u>	<u>D.</u>			<u>50</u>	<u>50</u>	<u>50</u>	<u>140</u>	<u>6</u>	<u>50</u>	<u>53</u>	<u>-</u>	<u>S</u>
Reaming				18	I.D. O.D.	61-40ft.	Type	<u>588</u>	W.L.-C.C.																	
Conditioning Mud & Circulating	<u>1/2</u>	<u>1/2</u>	<u>3/4</u>	18	D.C. 6"	No.	<u>3</u>	FL TR. CK.																		
Trips					I.D. O.D.	553-67ft.	Size	<u>16</u>	PH	<u>9.5</u>	<u>8.0</u>	<u>10.5</u>														
Lubricate Rig	<u>1/4</u>		<u>1/4</u>		Sb. Body O.D.	Feet	Ser. No.	<u>912335</u>	SD. Cont. %																	
Deviation Survey					Sb. Body O.D.	Feet	Depth Out		Pressure Gradient																	
Test B.O.P.		<u>1/4</u>			Rmr. Body O.D.	Feet	Depth In	<u>6528</u>																		
Cut Off Drilling Line					Subs	<u>3.98</u>	Total Ftg.	<u>210</u>																		
Repair Rig	<u>1</u>				Bit	<u>4.00</u>	Total Hr. Run	<u>254</u>																		
Coring					Kelly Down	<u>40.00</u>	Cond. of Bit	<u>IN.</u>																		
Wire Line Logging					Total	<u>6738.00</u>	Reamer No.																			
Running Casing & Cementing					Wt. of String	<u>162,000</u>	Lbs.	Reamer Type																		
Waiting on Cement					Pipe in Hole	<u>195</u>	Ju.	Water Charges																		
Drill Stem Test					Pipe on Racks	<u>25</u>	Ju.	Trucker																		
Other					Total Pipe on Lease	<u>220</u>	Ju.	Trucker																		
Fishing																										

COMPLETION WORK				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run			
A. Perforating	B. Tubing Trips	C. Swabbing	D. Testing	E. Additional	Stands D.P.	6075-9ft.	Bit No.	12	Time	9:00	12:00	3:00	From	To	Ft.	DR-D RM-R Core-C	Core No.			Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'd-P Com'd-C			
					2	Singles D.P.	62-58ft.	Size	<u>8 3/4</u>	Weight	<u>10.1</u>	<u>10.1</u>	<u>10.1</u>	<u>6738</u>	<u>6788</u>	<u>50</u>	<u>D</u>			<u>50</u>	<u>50</u>	<u>1000</u>	<u>6"</u>	<u>40</u>	<u>53</u>	<u>-</u>	<u>S</u>
					2	D.C. 7"	Mfg.	<u>Sec.</u>	Visc.-Sec.	<u>250</u>	<u>250</u>	<u>250</u>															
					2	I.D. O.D.	61-40ft.	Type	<u>588</u>	W.L.-C.C.	<u>7.2</u>	<u>7.8</u>	<u>8.2</u>														
					18	D.C. 6 1/4"	No.	<u>3</u>	FL TR. CK.	<u>2/32</u>	<u>2/32</u>	<u>2/32</u>															
						I.D. O.D.	553-67ft.	Size	<u>16</u>	PH	<u>10.5</u>	<u>11.0</u>	<u>11.0</u>														
						Sb. Body O.D.	Feet	Ser. No.	<u>912335</u>	SD. Cont. %																	
						Sb. Body O.D.	Feet	Depth Out		Pressure Gradient																	
						Rmr. Body O.D.	Feet	Depth In	<u>6528</u>																		
					1	Subs	<u>3.98</u>	Total Ftg.	<u>260</u>																		
					1	Bit	<u>4.00</u>	Total Hr. Run	<u>32 1/2</u>																		
						Kelly Down	<u>26.46</u>	Cond. of Bit	<u>in</u>																		
					Total	<u>6788.00</u>	Reamer No.																				
					Wt. of String	<u>163,000</u>	Lbs.	Reamer Type																			
					Pipe in Hole	<u>197</u>	Ju.	Water Charges																			
					Pipe on Racks	<u>23</u>	Ju.	Trucker	<u>12</u>																		
					Total Pipe on Lease	<u>220</u>	Ju.	Trucker																			

TIME SUMMARY (Office Use Only)				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
Day Work	Hrs. W/DP	Hrs. WO/DP	Hrs. Standby	Stands D.P.	6120-04 ft.	Bit No.	12	Time	5:00	8:00	11:00	From	To	Ft.	DR-D RM-R Core-C	Core No.				Liner Size	S.P.M.	Liner Size	S.P.M.	SGL-S Par'd-P Com'd-C	
				2	Singles D.P.	61-40ft.	Size	<u>8 3/4</u>	Weight	<u>10.1</u>	<u>10.0</u>	<u>10.0</u>	<u>6788</u>	<u>6827</u>	<u>39</u>	<u>D</u>			<u>50</u>	<u>50</u>	<u>6"</u>	<u>53</u>	<u>-</u>	<u>S</u>	
				2	D.C. 7"	Mfg.	<u>Sec.</u>	Visc.-Sec.	<u>198</u>	<u>150</u>	<u>160</u>														
				18	I.D. O.D.	61-40ft.	Type	<u>588</u>	W.L.-C.C.	<u>8.4</u>	<u>8.2</u>	<u>13.2</u>													
					D.C.	No.	<u>3</u>	FL TR. CK.	<u>2/32</u>	<u>2</u>	<u>2/32</u>														
					I.D. O.D.	553-67ft.	Size	<u>16</u>	PH	<u>10.5</u>	<u>11.00</u>	<u>11.0</u>													
						Sb. Body O.D.	Feet	Ser. No.	<u>912335</u>	SD. Cont. %															
						Sb. Body O.D.	Feet	Depth Out		Pressure Gradient															
						Rmr. Body O.D.	Feet	Depth In	<u>6528</u>																
					1	Subs	<u>3.98</u>	Total Ftg.	<u>299</u>																
					1	Bit	<u>4.00</u>	Total Hr. Run	<u>36 1/4</u>																
						Kelly Down	<u>33.89</u>	Cond. of Bit	<u>8-8-1</u>																
					Total	<u>6827</u>	Reamer No.																		
					Wt. of String	<u>163,000</u>	Lbs.	Reamer Type																	
					Pipe in Hole	<u>198</u>	Ju.	Water Charges																	
					Pipe on Racks	<u>22</u>	Ju.	Trucker																	
					Total Pipe on Lease	<u>220</u>	Ju.	Trucker																	

WIRE LINE RECORD			
Reel No.	<u>5</u>		
No. of Lines	<u>8</u>	Size	<u>1 1/8</u>
Feet Slipped	<u>98</u>		
Feet Cut Off	<u>98</u>		
Present Length			
Ton Mi. or Trips Since Last Cut	<u>500</u>		
Cumulative Ton Mi. or Trips			
No. of Days From Spud	<u>34</u>		
Cumulative Rotating Hrs.	<u>449 1/2</u>		

No 7959

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DELAITA ET AL CAMPBELL
DAKOTA D-65
Location - Lat. Sec. Twp. Rge. W. M. DEC 30 19 71Weather Condition 0 Road Conditions 6000 Nearest Town NORMAN Water - Source RIVER Camp Distance from Rig 100 YDS
Miles Hauled 6 Pumped 100 YDS Reason for Extra L. Plant SPARE

OPERATOR	Rig No.	Drill Pipe String	Tool Joint	O.D.	PUMPS			LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
					No.	MANUFACTURER	TYPE									
WESTERN DELAITA. SIGNATURE OF OPERATOR'S REPRESENTATIVE	2	DWKS	7-11	FH	No.	MANUFACTURER	TYPE	STROKE LENGTH	95		35 KS	22	702	13.00	678	
					1.	IDECO	600	16"								
					2.	RUSCO	6150	12"								
					3.											

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

D.R. Delaita

TIME DISTRIBUTION - HOURS				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
Rig Up & Tear Down	Morn	Day	Eve	NO.	Standards D.P.	Feet	Bit No.	Size	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient	From	To	Feet	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction		
Drilling Actual	5	7 3/4	73	1	Singles D.P.	5922.20	Feet	SEC.	100	10.0	270	6.2	1/2	85	8.5		6528	6565	37	D													
Reaming				2	D.C. 7"	61.40	Feet	8 3/4																									
Conditioning Mud & Circulating				18	I.D. O.D.	553.67	Feet	588																									
Trips	1 1/2				D.C. 6 1/4"		No.	3																									
Lubricate Rig	2				I.D. O.D.		Size	16																									
Deviation Survey					Sub. Body O.D.		Ser. No.	912335																									
Test B.O.P.					Sub. Body O.D.		Depth Out																										
Cut Off Drilling Line					Rmr. Body O.D.		Depth In	6528																									
Repair Rig					Sub. Body O.D.		Total Ftg.	37																									
Coring					Bit of Sub. Body	4.00	Total Hr. Run	5																									
Wire Line Logging					Kelly Down	18.75	Cond. of Bit	IN																									
Running Casing & Cementing					Total	6565	Reamer No.																										
Waiting on Cement					Wt. of String	158,000	Reamer Type																										
Drill Stem Test					Pipe in Hole	190	Water Charges	Reg. Hrs. O.T. Hrs.																									
Other	1 1/4				Pipe on Racks	30	Trucker																										
Fishing					Total Pipe on Lease	220	Trucker																										

TIME SUMMARY (Office Use Only)				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
A. Perforating	B. Tubing Trips	C. Swabbing	D. Testing	E. Additional	NO.	Standards D.P.	Feet	Bit No.	Size	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient	From	To	Feet	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction	
					64	Singles D.P.	5982.91	Feet	12	9:00	12:00	3:00																					
					2	D.C. 7"	61.40	Feet	8 3/4	10.0	10.0	10.0																					
					18	I.D. O.D.	553.67	Feet	588	165	148	145																					
						D.C. 6 1/4"		No.	3																								
						I.D. O.D.		Size	16																								
						Sub. Body O.D.		Ser. No.	912335																								
						Sub. Body O.D.		Depth Out																									
						Rmr. Body O.D.		Depth In	6528																								
						Sub. Body O.D.		Total Ftg.	96																								
						Bit of Sub. Body	4.00	Total Hr. Run	12 3/4																								
						Kelly Down	17.04	Cond. of Bit	IN																								
						Total	6624.00	Reamer No.																									
						Wt. of String	162,000	Reamer Type																									
						Pipe in Hole	192	Water Charges	Reg. Hrs. O.T. Hrs.																								
						Pipe on Racks	28	Trucker	FAHCON 9																								
						Total Pipe on Lease	220	Trucker																									

WIRE LINE RECORD				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
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.	NO.	Standards D.P.	Feet	Bit No.	Size	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient	From	To	Feet	Depth	Dev.	Direction	Depth	Dev.	Direction		
5	8	1 1/8	98	98		380		33	412 3/4	64	Singles D.P.	6045.41	Feet	8 3/4	5:00	8 00	11:00																
										2	D.C. 7"	61.40	Feet	588	10.0	10.0	10.0																
										2	I.D. O.D.	553.67	Feet	588	140	153	149																
										18	D.C. 6 1/4"		No.	3																			
											I.D. O.D.		Size	16																			
											Sub. Body O.D.		Ser. No.	912335																			
											Sub. Body O.D.		Depth Out																				
											Rmr. Body O.D.		Depth In	6528																			
											Sub. Body O.D.		Total Ftg.	160																			
											Bit of Sub. Body	4.00	Total Hr. Run	20 1/2																			
											Kelly Down	16	Cond. of Bit	IN																			
											Total	6694	Reamer No.																				
											Wt. of String	162,000	Reamer Type																				
											Pipe in Hole	194	Water Charges	Reg. Hrs. O.T. Hrs.																			
											Pipe on Racks	26	Trucker																				
											Total Pipe on Lease	220	Trucker																				

KASHMIRA ROTARY DRILLING CO.
SHEPARD HALL
1000 14th St. N.W.
WASHINGTON, D.C. 20004

No 7957

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name Desalta Et Al Champin Date Dec 28 1971
Location Dahadinni D-65 Sec. 1 Twp. 12 Rge. 1 W. 1 M. 1Weather Cloudy Road Conditions Good Nearest Town Norman Water - Source Truck Camp Distance from Rig 100 yds.
Miles Hauled 6 Pumped 1 Reason for Extra L. Plant Spans

OPERATOR

Western Desalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. Two DWKS
Drill Pipe String 5 3/4 O.D.
Tool Joint F.H.
No. 2 Size 4 1/2 Type Thd. F.H.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

O.R. Leland

PUMPS
No. 1 MANUFACTURER T Decco TYPE 600 STROKE LENGTH 16"
No. 2 Decco C150 12"
No. 3

LAST CASING TUBING OR LINER

Size 9 5/8 Make 35-KS Wt. & Gr. 22 Feet 702 RKB to CSG. HD. 1300 Set at 698 Remarks

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	4 1/2	3 1/2
Conditioning Mud & Circulating			
Trips	3 1/2	2 1/4	
Lubricate Rig	1 1/4	1 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			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
62	Stands D.P. 5798.81 Ft.	Bit No. 10	Time 12.00 4.00 7.00
	Singles D.P. Ft.	Size 8 3/4	Weight 9.9 9.9 9.9
	D.C. 7" Mfg. SEC.		Visc.-Sec. 140 154 160
2	I.D. O.D. 61.40 Ft.	Type M44N	W.L.-C.C. 7.6 872 7.4
	D.C. 6 1/4 No. 2 1		FL TR. CK. 2/32 2/32 2/32
15	I.D. O.D. 460.93 Ft.	Nozzle Size 16 15	PH 9.5 9.5 9.0
	Sub. Body O.D. Ft.	Ser. No. 242967	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 6183	
1	Sub. O.D. 3.98 Ft.	Total Fg. 197	
1	Bit or C.B. 4.00 Ft.	Total Hr. Run 30 1/4	
	Kelly Down 19.65 Ft.	Cond. of Bit IN	
	Total 6380.00 Ft.	Reamer No.	
	Wt. of String 146.000 Lbs.	Reamer Type	
	Pipe in Hole 187 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 33 Jts.	Trucker	
	Total Pipe on Lease 220 Jts.	Trucker	
		Driller R. Rutherford	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Fg.									
6340 6380 40	D			80	40	1000	56	5	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 15						Rig Service			
12.15 8.00 7 3/4						DRILL 8 3/4 hole			

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	

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P. Ft.	Bit No. 10	Time 4.00 12.00 3.00
	Singles D.P. Ft.	Size 8 3/4	Weight 9.5 10.0 1
	D.C. Mfg. SEC.		Visc.-Sec. 110 217
	I.D. O.D. Ft.	Type M44N	W.L.-C.C. 6.3
	D.C. No. 2 1		FL TR. CK. 32
	I.D. O.D. Ft.	Nozzle Size 16 15	PH 9.0 10.5
	Sub. Body O.D. Ft.	Ser. No. 242967	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out 6394	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 6183	
	Subs O.D. Ft.	Total Fg. 211	
	Bit or C.B. Ft.	Total Hr. Run 34 1/2	
	Kelly Down Ft.	Cond. of Bit 6-6-1	
	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 O'Brien	

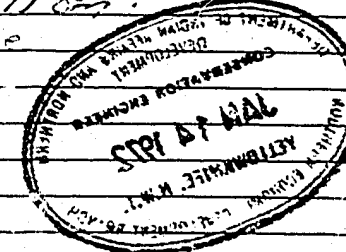
FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Fg.									
6380 6394 14	D			80	40	1100	6	50	5
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
Hour Started Hour Stopped Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
8.00 8.15 15						Rig Service, W.P.R.P., M.T.R. SHUT DOWN KEYH CORK			
8.15 12.00 4 1/4						DRILL			
12.00 12.15 15						SURVEY 6394			
12.15 4.00 3 1/4						TRIP			

WIRE LINE RECORD
Red No. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 98
Feet Cut Off 98
Present Length
Ton Mi. or Trips Since Last Cut 280
Cumulative Ton Mi. or Trips
No. of Days From Spud 31
Cumulative Rotating Hrs. 394 1/4

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
62	Stands D.P. 5798.81 Ft.	Bit No. 11	Time 5.00 8.00 11.00
	Singles D.P. 62.23 Ft.	Size 8 3/4	Weight 1 16.9 9.9
	D.C. 7" Mfg. SEC.		Visc.-Sec. 160 162
2	I.D. O.D. 61.40 Ft.	Type M44N	W.L.-C.C. 6.0 6.4
	D.C. 6 1/4 No. 2 1		FL TR. CK. 2/32 2/32
15	I.D. O.D. 460.93 Ft.	Nozzle Size 16 15	PH 9.0 9.0
	Sub. Body O.D. Ft.	Ser. No. 270630	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 6394	
1	Sub. O.D. 3.98 Ft.	Total Fg. 24	
1	Bit or C.B. 4.00 Ft.	Total Hr. Run 3 1/2	
	Kelly Down 26.65 Ft.	Cond. of Bit IN	
	Total 6418.00 Ft.	Reamer No.	
	Wt. of String 148.000 Lbs.	Reamer Type	
	Pipe in Hole 188 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 33 Jts.	Trucker	
	Total Pipe on Lease 220 Jts.	Trucker	
		Driller	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Fg.									
6394 6418 24	D			60	40	1000	38	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 15						RIG SER			
4.15 6.30 2 1/4						TRIP			
6.30 8.30 2						CLEAN TO BOTTOM			
8.30 12.00 3 1/2						DRILL 8 3/4 hole			



No 7956

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Name Decalta Ex. Al Champlin Date Dec 27 1971
Location Pahadi D-65 W. Dec 27 1971Weather Cloudy Road Conditions Good Nearest Town Norman Water - Source Truck Camp Distance from Rig 100 yds
Condition 15 above Miles Hauled 6 Pumped 100 yds Reason for Extra L. Plant SPARE

OPERATOR

Western Decalta

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. Two Drill Pipe String 5 3/4 O.D. Tool Joint F.H.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

D.R. Black

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 CSO. HD. Set at Remarks
9 5/8 35 KS 22 702 13.00 698

TIME DISTRIBUTION—HOURS

	Morn	Day	Even
Rig Up & Tear Down			
Drilling Actual	7	7 3/4	7 3/4
Running			
Conditioning Mud & Circulating			
Trips	1 1/4		
Lubricate Rig	1 1/4	1/4	1 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			
Break Circ & Other + CLEAN TO B		1 1/2	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
60	Stands D.P. <u>5601.36</u> Ft.	Bit No. <u>10</u>	Time <u>1:30</u> <u>4:00</u> <u>7:00</u>
2	Singles D.P. <u>62.64</u> Ft.	Size <u>8 3/4</u>	Weight <u>9.5</u> <u>9.7</u> <u>9.7</u>
	D.C. <u>7"</u>	Mfg. <u>Sec</u>	Visc.-Sec. <u>220</u> <u>180</u> <u>165</u>
2	I.D. O.D. <u>61.40</u> Ft.	Type <u>M44N</u>	W.L.-C.C. <u>7.0</u> <u>6.6</u> <u>6.0</u>
	D.C. <u>6 1/4"</u>	No. <u>2</u>	FL TR. CK. <u>2/32</u> <u>2/32</u> <u>2/32</u>
15	I.D. O.D. <u>460.93</u> Ft.	Size <u>16 15</u>	PH <u>8.5</u> <u>9.0</u> <u>9.0</u>
	Sub. Body O.D. <u>242967</u>	Ser. No. <u>242967</u>	SD. Cont. %
	Sub. Body O.D. <u>6183</u>	Depth Out	Pressure Gradient
	Sub. Body O.D. <u>6183</u>	Depth In	
1	Subs <u>3.98</u> Ft.	Total Ftg. <u>52</u>	Mud & Chemicals Added
1	Bit or C.B. <u>4.00</u> Ft.	Total Hr. Run <u>7</u>	Type Amt. Type Amt.
	Kelly Down <u>30.69</u> Ft.	Cond. of Bit <u>IN</u>	<u>Peltex 50#</u>
	Total <u>6235.00</u> Ft.	Reamer No.	
	Wt. of String <u>144,000</u> Lbs.	Reamer Type	
	Pipe in Hole <u>182</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>38</u> Jts.	Trucker	
	Total Pipe on Lease <u>220</u> Jts.	Trucker	
		Driller <u>R. Rutherford</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par el-P Com'd-C
6183 6235 52 0				80	35	1000	6" 42	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 14						Break Circ @ 5700			
12:15 12:30 14						Run in Five Stands			
12:30 12:45 14						Break Circ + Clean to bottom			
12:45 5:00 4 1/4						Dug 8 3/4 hole			
5:00 5:15 14						Rep Service			
5:15 8:00 2 3/4						Dug 8 3/4 hole			

COMPLETION WORK
A. Perforating
B. Tubing Trips
C. Snagging
D. Testing
E. Additional

Totals 8 8 8

TIME SUMMARY (Office Use Only)

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
61	Stands D.P. <u>5736.76</u> Ft.	Bit No. <u>10</u>	Time <u>9:00</u> <u>12:00</u> <u>3:00</u>
1	Singles D.P. <u>5736.76</u> Ft.	Size <u>8 3/4</u>	Weight <u>9.8</u> <u>9.9</u> <u>9.9</u>
	D.C. <u>7"</u>	Mfg. <u>SEC</u>	Visc.-Sec. <u>165</u> <u>120</u> <u>105</u>
2	I.D. O.D. <u>61.40</u> Ft.	Type <u>M44N</u>	W.L.-C.C. <u>7.1</u> <u>7.4</u> <u>8.2</u>
	D.C. <u>6 1/4"</u>	No. <u>2</u>	FL TR. CK. <u>2/32</u> <u>2/32</u> <u>2/32</u>
15	I.D. O.D. <u>460.93</u> Ft.	Size <u>16 15</u>	PH <u>8.0</u> <u>9.0</u> <u>8.5</u>
	Sub. Body O.D. <u>242967</u>	Ser. No. <u>242967</u>	SD. Cont. %
	Sub. Body O.D. <u>6183</u>	Depth Out	Pressure Gradient
	Sub. Body O.D. <u>6183</u>	Depth In	
1	Subs <u>3.78</u> Ft.	Total Ftg. <u>112</u>	Mud & Chemicals Added
1	Bit or C.B. <u>4.00</u> Ft.	Total Hr. Run <u>1434</u>	Type Amt. Type Amt.
	Kelly Down <u>14.09</u> Ft.	Cond. of Bit <u>IN</u>	<u>CAUSTIC 200#</u>
	Total <u>6235</u> Ft.	Reamer No.	<u>PELTEX 50#</u>
	Wt. of String <u>144,000</u> Lbs.	Reamer Type	<u>RM 100#</u>
	Pipe in Hole <u>184</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>36</u> Jts.	Trucker <u>FALCON</u>	
	Total Pipe on Lease <u>220</u> Jts.	Trucker	
		Driller <u>William Zengauer</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par el-P Com'd-C
6235 6295 60 0				80	40	1100	6" 50	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 15						Rig Service + B.O.P. + M.C. for 15 min. + KEVIN S.C. +			
4:15 4:30 15						DRILL			
						CHANGE OIL AND FILTERS - SERVICE AIR			
						CLEANERS ON FLOOR MOTORS			

WIRE LINE RECORD

Reel No. <u>5</u>	
No. of Lines <u>8</u> Size <u>1 1/8</u>	
Feet Slipped <u>98</u>	
Feet Cut Off <u>98</u>	
Present Length	
Ton. Mts. or Trips Since Last Cut <u>140</u>	
Cumulative Ton Mts. or Trips	
No. of Days From Spud <u>30</u>	
Cumulative Rotating Hrs. <u>378 3/4</u>	

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
61	Stands D.P. <u>5705.56</u> Ft.	Bit No. <u>10</u>	Time <u>5:00</u> <u>8:00</u> <u>11:00</u>
2	Singles D.P. <u>62.27</u> Ft.	Size <u>8 3/4</u>	Weight <u>9.9</u> <u>9.9</u> <u>9.9</u>
	D.C. <u>7"</u>	Mfg. <u>SEC</u>	Visc.-Sec. <u>166</u> <u>157</u> <u>138</u>
2	I.D. O.D. <u>61.40</u> Ft.	Type <u>M44N</u>	W.L.-C.C. <u>7.3</u> <u>7.0</u> <u>7.2</u>
	D.C. <u>6 1/4"</u>	No. <u>2</u>	FL TR. CK. <u>2/32</u> <u>2/32</u> <u>2/32</u>
15	I.D. O.D. <u>460.93</u> Ft.	Size <u>16 15</u>	PH <u>8.5</u> <u>9.0</u> <u>9.0</u>
	Sub. Body O.D. <u>242967</u>	Ser. No. <u>242967</u>	SD. Cont. %
	Sub. Body O.D. <u>6183</u>	Depth Out	Pressure Gradient
	Sub. Body O.D. <u>6183</u>	Depth In	
1	Subs <u>3.78</u> Ft.	Total Ftg. <u>157</u>	Mud & Chemicals Added
1	Bit or C.B. <u>4.00</u> Ft.	Total Hr. Run <u>22 1/2</u>	Type Amt. Type Amt.
	Kelly Down <u>42.00</u> Ft.	Cond. of Bit <u>IN</u>	
	Total <u>6349.14</u> Ft.	Reamer No.	
	Wt. of String <u>146,000</u> Lbs.	Reamer Type	
	Pipe in Hole <u>184</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	Trucker	
	Total Pipe on Lease	Trucker	
		Driller	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par el-P Com'd-C
6295 6340 45 0				80	40	1000	6" 42	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 15						Rig SER			
4:15 4:30 15						DRILL			

No 7954

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name Decalta Et Al. Champin Date Dec 25 1971
Location La Sec. 2 Twp. D. 65 Rge. W. M.Weather Clear Road Conditions Good Nearest Town Norman Water - Source Truck Camp Distance from Ric 100 yds
Miles Hauled 6 Pumped Spade Reason for Extra L. Plant

OPERATOR

Rig No. 2 Drill Pipe String 5 3/4 O.D. Tool Joint F.H.
DWKS 1 DEC 27 No. 2 Size 4 1/2 Type Thd. F.H.

PUMPS

Size 9 3/8 Make 35 KS No Joints 22 Feet 702 RKB. to C.S.G. HD. 13.00 Set at 698 RemarksW. DECALTA
SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

O.R. Leland

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

LAST CASING TUBING OR LINER

TIME DISTRIBUTION-HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7:34	7:44	7:34
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	1:14	1:14	1:14
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			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
59	Stands D.P. 5425.89 Ft.	Bit No. 9	Time 1.00 4.00 7.00
	Singles D.P. Ft.	Size 8 3/4	Weight 8.3 9.3 9.3
	D.C. 7"	Mfg. <u>Murphy</u>	Visc.-Sec. 140 135 130
2	I.D. O.D. 61.40 Ft.	Type <u>SS16</u>	W.L.-C.C. 8.2 8.4 8.4
	D.C. 6 1/4	No. 2 1	FL TR. CK. 2/32 2/32 2/32
15	I.D. O.D. 460.93 Ft.	Nozzle Size 16 15	PH 9.0 9.0 9.0
	Sub. Body O.D. Ft.	Ser. No. 673301	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 5904	
1	Sub. 4.00 Ft.	Total Ftg. 96	
1	Bit 4.00 Ft.	Total Hr. Run 8 3/4	
	Kelly Down 238.00 Ft.	Cond. of Bit <u>IN</u>	
	Total 5980.00 Ft.	Reamer No.	
	Wt. of String 135.00 Lbs.	Reamer Type	
	Pipe in Hole 174 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 46 Jts.	Trucker	
	Total Pipe on Lease 220 Jts.	Trucker	
		Driller <u>R. Rutledge</u>	

FOOTAGE			DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Method Run
From	To	Ftg.							Liner Size	S.P.M.	Liner Size	S.P.M.	SGL- Par- Com d-
5912	5980	68	0			80	35	1000	6"	42	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					
12:00	2:30	2 1/2						Dalg. 8 3/4 hole					
2:30	2:45	14						Rig Service					
2:45	8:00	5 1/4						Dalg. 8 3/4 hole					

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

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
59	Stands D.P. 5427.23 Ft.	Bit No. 9	Time 9.00 12.00 3.00
	Singles D.P. Ft.	Size 8 3/4	Weight 9.3 9.3 7.3
	D.C. 7"	Mfg. <u>Murphy</u>	Visc.-Sec. 135 135 142
2	I.D. O.D. 61.40 Ft.	Type <u>SS16</u>	W.L.-C.C. 8.3 8.4 8.4
	D.C. 6 1/4	No. 2 1	FL TR. CK. 2/32 2/32 2/32
15	I.D. O.D. 460.93 Ft.	Nozzle Size 16 15	PH 8.5 9.5 10.5
	Sub. Body O.D. Ft.	Ser. No. 673301	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 5904	
1	Sub. 4.00 Ft.	Total Ftg. 141	
1	Bit 4.00 Ft.	Total Hr. Run 16 1/4	
	Kelly Down 14.43 Ft.	Cond. of Bit <u>IN</u>	
	Total 6045 Ft.	Reamer No.	
	Wt. of String 135.00 Lbs.	Reamer Type	
	Pipe in Hole 176 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 44 Jts.	Trucker	
	Total Pipe on Lease 220 Jts.	Trucker	
		Driller <u>Allen Jones</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.									
5980 6045 65	12			80	35	48	6"	1000	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 1:15 5 1/4						Rig SER. 8 3/4 hole			
1:15 4:00 2 45						DRILL			

WIRE LINE RECORD
Reel No. 5
No. of Lines 8 Size 1 1/8
Feet Slipped 98
Feet Cut Off 98
Present Length
Ton. Mi. or Trips Since Last Cut 40
Cumulative Ton. Mi. or Trips
No. of Days From Spud 28
Cumulative Rotating Hrs. 344

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
60	Stands D.P. 5517.99 Ft.	Bit No. 9	Time 5.00 3.00 11.00
	Singles D.P. Ft.	Size 8 3/4	Weight 7.3 9.3 9.4
	D.C. 7"	Mfg. <u>Murphy</u>	Visc.-Sec. 60 90 85
2	I.D. O.D. 61.40 Ft.	Type <u>SS16</u>	W.L.-C.C. 8.6 8.4
	D.C. 6 1/4	No. 2 1	FL TR. CK. 2/32 2/32
15	I.D. O.D. 460.93 Ft.	Nozzle Size 16 15	PH 10.5 10.0 10.0
	Sub. Body O.D. Ft.	Ser. No. 673301	SD. Cont. %
	Sub. Body O.D. Ft.	Depth Out	Pressure Gradient
	Rmr. Body O.D. Ft.	Depth In 5904	
1	Sub. 4.00 Ft.	Total Ftg. 204	
1	Bit 4.00 Ft.	Total Hr. Run 24	
	Kelly Down 29.07 Ft.	Cond. of Bit <u>IN</u>	
	Total 6108.00 Ft.	Reamer No.	
	Wt. of String 135.00 Lbs.	Reamer Type	
	Pipe in Hole 178 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks 42 Jts.	Trucker	
	Total Pipe on Lease 220 Jts.	Trucker	
		Driller	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.									
6045 6108 63	0			80	35	48	6"	1000	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			
4:00 4:15 15						Rig SER.			
4:15 12:00 7 45						DRILL			

7952

7952

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease
Well Name DeCasta Et Al C Hamplit
Panadini D-65
Location — Lsd. _____ Sec. _____ Twp. _____ Rge. _____ W. _____ M. _____

Date Dec: 23, 1971

Weather Clear
Condition 40-

Road Conditions *Good*

Nearest Town *Norman Wells*

Water - Source Truck
Miles Hauled 6 Pumped

Camp Distance from Rig 100 yds.
Reason for Extra I. Plant -

OPERATOR

WESTERN DECALTA

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Rig No. T-10 DWKS IDECC 7-11	Drill Pipe String	Tool Joint 5 3/4
No. 2	Size 4 1/2	Type Thd. F.H.

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Tidoro	600 MM	16"
2.	Nsco	150-B	12"
3.			

[illegible]

TIME DISTRIBUTION—HOURS

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

[illegible]

Fishing				
COMPLETION WORK	A. Perforating			
	B. Tubing Trips			
	C. Swabbing			
	D. Testing			
	E. Additional			
Totals		3	8	

[illegible]

Total Day Work			

WIRE LINE RECORD		
Reel No.	5	
No. of Lines	8	Size 1 1/8
Feet Slipped	98	
Feet Cut Off	98	
Present Length		
Ton Mi. or Trips Since Last Cut	40	
Cumulative Ton Mi. or Trips		
No. of Days From Spud	26	
Cumulative Rotating Hrs.	320	

[illegible]

[illegible]

7950

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

GUTHRIE & SONS Drilling Ltd.										Lease Well Name <u>Decalta #1 Champin</u> <u>Dahadinni D65</u> Location - <u>Lat.</u> <u>Sec.</u> <u>Twp.</u> <u>Rge.</u> <u>W.</u> <u>M.</u> <u>Dec 31 1971</u> Date <u>Dec 31 1971</u> Weather <u>Clear</u> Road Conditions <u>Good</u> Nearest Town <u>Norman Wells</u> Water - Source <u>W. Truck</u> Miles Hauled <u>6</u> Pumped <u>100 yds</u> Camp Distance from Rig <u>100 yds</u> Reason for Extra L. Plant <u>spare</u>																																							
OPERATOR <u>Western Decalta</u> SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>O.R. Leland</u>										Rig No. <u>2</u> Drill String <u>5 3/4 O.D.</u> Tool Joint <u>5 3/4 O.D.</u> No. <u>2</u> Size <u>4 1/2</u> Type <u>F.H.</u> SIGNATURE OF CONTRACTOR'S TOOL PUSHER <u>O.R. Leland</u>										PUMPS MANUFACTURER <u>Ideco</u> TYPE <u>600</u> STROKE LENGTH <u>16"</u> <u>Nsc</u> <u>C-150</u> <u>12"</u> LAST CASING TUBING OR LINER										Size <u>9 5/8</u> Make <u>35 KS</u> Wt. & Gr. <u>22</u> No Joints <u>702</u> Feet <u>1300</u> RKB. to CSG. HD. <u>696</u> Set at <u>696</u> 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										MORNING TOUR NO. <u>49</u> DRILLING ASSEMBLY AT END OF TOUR Stand D.P. <u>4582.03</u> Ft. Bit No. <u>8</u> Singles D.P. <u>31.40</u> Ft. Size <u>8 3/4</u> D.C. <u>7"</u> Mfg. <u>Sec.</u> 2 I.D. O.D. <u>614.0</u> Ft. Type <u>M44N</u> D.C. <u>6 1/4"</u> No. <u>3</u> 16 I.D. O.D. <u>492.12</u> Ft. Size <u>1 1/2</u> Sub. Body O.D. <u>3.98</u> Ft. Ser. No. <u>250750</u> Sub. Body O.D. <u>4.00</u> Ft. Depth Out <u>5521</u> Rmr. Body O.D. <u>3.98</u> Ft. Depth In <u>5521</u> Sub. Body O.D. <u>3.98</u> Ft. Total Ftg. <u>79</u> 1 Bit <u>3.98</u> Ft. Total Hr. Run <u>534</u> Kelly Down <u>32.00</u> Ft. Cond. of Bit <u>1N</u> Total <u>5147.00</u> Ft. Reamer No. <u>1</u> Wt. of String <u>140,000</u> Lbs. Reamer Type <u>1</u> Pipe in Hole <u>148</u> Jts. Water Charges <u>Reg. Hrs. O.T. Hrs.</u> Pipe on Racks <u>72</u> Jts. Trucker <u>1</u> Total Pipe on Lease <u>220</u> Jts. Trucker <u>1</u> Driller <u>R. Blakley</u>										MUD RECORD Time <u>2:00</u> <u>4:00</u> <u>8:00</u> Weight <u>9.4</u> <u>9.4</u> <u>9.4</u> Visc.-Sec. <u>175</u> <u>130</u> <u>155</u> W.L.-C.C. <u>9.0</u> FL TR. CK. <u>2/32</u> PH <u>9.5</u> SD. Cont. % <u>100</u> Pressure Gradient <u>1000</u> Mud & Chemicals Added Type <u>Ge</u> Amt. <u>1000</u> Type <u>1</u> Amt. <u>1000</u>										FOOTAGE From <u>5050</u> To <u>5147</u> Ftg. <u>97</u> Deviation Record Hour Started <u>12:00</u> Hour Stopped <u>1:00</u> Elapsed Time <u>1:00</u> A <u>1</u> B <u>1</u> C <u>1</u> D <u>1</u> Acc. D.T. <u>1</u> DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS <u>Run in the hole to 5050'</u> <u>Reaming from 5050' to bottom 5147'</u> <u>Note = Light spot @ 5140' - 5185'</u> <u>Bottom Bit approx 20 times pass</u> <u>to clean up & cuttings sample</u>										FORMATION (SHOW CORE RECOVERY) Rotary RPM <u>85</u> Wt. on Bit 1000 Lbs. <u>45</u> Pump Press <u>1100</u> Pump No. 1 <u>42</u> S.P.M. <u>50</u> Pump No. 2 <u>42</u> S.P.M. <u>50</u> Method Run <u>S</u> SGL-S <u>5</u> Par'd-P <u>5</u> Com d-C <u>5</u>									
COMPLETION WORK A. Perforating B. Tubing Trips C. Swabbing D. Testing E. Additional Totals <u>8</u> <u>8</u> TIME SUMMARY (Office Use Only) Day Work Hrs. W/DP Hrs. WO/DP Hrs. Standby										DAY TOUR NO. <u>50</u> DRILLING ASSEMBLY AT END OF TOUR Stand D.P. <u>4276.19</u> Ft. Bit No. <u>8</u> Singles D.P. <u>31.40</u> Ft. Size <u>8 3/4</u> D.C. <u>7"</u> Mfg. <u>Sec.</u> 2 I.D. O.D. <u>614.0</u> Ft. Type <u>M44N</u> D.C. <u>6 1/4"</u> No. <u>3</u> 16 I.D. O.D. <u>492.12</u> Ft. Size <u>1 1/2</u> Sub. Body O.D. <u>3.98</u> Ft. Ser. No. <u>250750</u> Sub. Body O.D. <u>4.00</u> Ft. Depth Out <u>5521</u> Rmr. Body O.D. <u>3.98</u> Ft. Depth In <u>5521</u> Sub. Body O.D. <u>3.98</u> Ft. Total Ftg. <u>79</u> 1 Bit <u>3.98</u> Ft. Total Hr. Run <u>534</u> Kelly Down <u>32.00</u> Ft. Cond. of Bit <u>1N</u> Total <u>5277.69</u> Ft. Reamer No. <u>1</u> Wt. of String <u>140,000</u> Lbs. Reamer Type <u>1</u> Pipe in Hole <u>148</u> Jts. Water Charges <u>Reg. Hrs. O.T. Hrs.</u> Pipe on Racks <u>72</u> Jts. Trucker <u>1</u> Total Pipe on Lease <u>220</u> Jts. Trucker <u>1</u> Driller <u>R. Blakley</u>										MUD RECORD Time <u>9:00</u> <u>1:00</u> <u>5:00</u> Weight <u>9.4</u> <u>9.4</u> <u>9.4</u> Visc.-Sec. <u>180</u> <u>217</u> <u>240</u> W.L.-C.C. <u>8.4</u> <u>8.6</u> <u>8.6</u> FL TR. CK. <u>2/32</u> <u>2/32</u> <u>2/32</u> PH <u>10.0</u> <u>10.0</u> <u>10.5</u> SD. Cont. % <u>100</u> Pressure Gradient <u>1000</u> Mud & Chemicals Added Type <u>Ge</u> Amt. <u>1000</u> Type <u>1</u> Amt. <u>1000</u>										FOOTAGE From <u>5147</u> To <u>5279</u> Ftg. <u>132</u> Deviation Record Hour Started <u>5:00</u> Hour Stopped <u>5:15</u> Elapsed Time <u>15</u> A <u>1</u> B <u>1</u> C <u>1</u> D <u>1</u> Acc. D.T. <u>1</u> DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS <u>Reaming from 5147' - 5240</u>										FORMATION (SHOW CORE RECOVERY) Rotary RPM <u>85</u> Wt. on Bit 1000 Lbs. <u>45</u> Pump Press <u>1100</u> Pump No. 1 <u>42</u> S.P.M. <u>50</u> Pump No. 2 <u>42</u> S.P.M. <u>50</u> Method Run <u>S</u> SGL-S <u>5</u> Par'd-P <u>5</u> Com d-C <u>5</u>									
WIRE LINE RECORD Reel No. No. of Lines 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.										EVENING TOUR NO. <u>51</u> DRILLING ASSEMBLY AT END OF TOUR Stand D.P. <u>5019.23</u> Ft. Bit No. <u>8</u> Singles D.P. <u>31.40</u> Ft. Size <u>8 3/4</u> D.C. <u>7"</u> Mfg. <u>Sec.</u> 2 I.D. O.D. <u>614.0</u> Ft. Type <u>M44N</u> D.C. <u>6 1/4"</u> No. <u>3</u> 16 I.D. O.D. <u>492.12</u> Ft. Size <u>1 1/2</u> Sub. Body O.D. <u>3.98</u> Ft. Ser. No. <u>250750</u> Sub. Body O.D. <u>4.00</u> Ft. Depth Out <u>5521</u> Rmr. Body O.D. <u>3.98</u> Ft. Depth In <u>5521</u> Sub. Body O.D. <u>3.98</u> Ft. Total Ftg. <u>79</u> 1 Bit <u>3.98</u> Ft. Total Hr. Run <u>534</u> Kelly Down <u>22.73</u> Ft. Cond. of Bit <u>1N</u> Total <u>5600</u> Ft. Reamer No. <u>1</u> Wt. of String <u>145,000</u> Lbs. Reamer Type <u>1</u> Pipe in Hole <u>164</u> Jts. Water Charges <u>Reg. Hrs. O.T. Hrs.</u> Pipe on Racks <u>56</u> Jts. Trucker <u>1</u> Total Pipe on Lease <u>220</u> Jts. Trucker <u>1</u> Driller <u>R. Blakley</u>										MUD RECORD Time <u>5:00</u> <u>8:00</u> <u>11:00</u> Weight <u>9.5</u> <u>9.2</u> <u>9.1</u> Visc.-Sec. <u>150</u> <u>180</u> <u>130</u> W.L.-C.C. <u>8.0</u> FL TR. CK. <u>2/32</u> PH <u>9.5</u> <u>9.0</u> SD. Cont. % <u>100</u> Pressure Gradient <u>1000</u> Mud & Chemicals Added Type <u>Ge</u> Amt. <u>1000</u> Type <u>1</u> Amt. <u>1000</u>										FOOTAGE From <u>53</u>																			

7949

GUTHRIE McLAREN
Drilling Co.

Form 6

Weather *Windy* Road Conditions *Good* Nearest Town *Norman Wells* Water - Source *W. Truck* Camp Distance from Rig *100 yds*
Condition *-20* Miles Hauled *6* Pumped _____ Reason for Extra L. Plant *none*

[illegible][illegible]

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE			DR-D RM-C Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Met. Ru	
Total Day Work		Stand D.P.	Ft.	Bit No.		Time		From	To	Ftgc.										
WIRE LINE RECORD																				
Reel No.		Singles D.P.		Size		Weight		5516												
No. of Lines		D.C.		Mfg.		Visc.-Sec.														
Feet Slipped		I.D. O.D.		Type		W.L.-C.C.														
Feet Cut Off		D.C.		No.		FL TR. CK.														
Present Length		I.D. O.D.		Nozzle		PH														
Ton Mi. or Trips Since Last Cut		Sth. Body O.D.		Ser. No.		SD. Cont. %		Hour Started			Hour Stopped			Elapsed Time			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
Cumulative Ton Mi. or Trips		Sth. Body O.D.		Depth Out		Pressure Gradient		A			B			C			D			
No. of Days From Spud		Rm. Body O.D.		Depth In				Acc. D.T.												
Cumulative Rotating Hrs.		Subs		Total Ftg.		Mud & Chemicals Added		Type			Amt.			Type			Amt.			
		Bit on G.B.		Total Hr. Run																
		Kelly Down		Cond. of Bit																
		Total		Reamer No.																
		Wt. of String		Reamer Type																
		Pipe in Hole		Water Charges		Reg. Hrs. O.T. Hrs.														
		Pipe on Racks		Trucker																
		Total Pipe on Lease		Trucker																
				Driller																

7948

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

[illegible]

No 7946

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name <u>Decalta Ft. Al. Champlin</u>		Date <u>Dec. 12, 1971</u>								
Location <u>Dahadinni D-65</u>		Weather Condition <u>-50</u> Road Condition <u>Good</u> Nearest Town <u>Naman Wells</u> Water - Source <u>W. Truck</u> Miles Hauled <u>6</u> Pumped <u> </u> Camp Distance from Rig <u>100 yds.</u>								
OPERATOR <u>Western Decalta</u>	Rig No. <u>3</u>	Drill Pipe String <u>5 3/4 O.D.</u>	PUMPS	Size <u>9 5/8</u>	Make <u>36 KS</u>	No. Joints <u>22</u>	Feet <u>1300</u>	RKB. to CSG. HD. <u>696</u>	Set at <u> </u>	Remarks
SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>B. H. E.</u>	No. <u>2</u>	Type Tbd. <u>F.H.</u>	No. <u>1</u>	MANUFACTURER <u>Ideen</u>	TYPE <u>6.00</u>	STROKE LENGTH <u>16</u>	LAST CASING TUBING OR LINER			
SIGNATURE OF CONTRACTOR'S TOOL PUSHER <u>B. H. E.</u>		No. <u>2</u>	MANUFACTURER <u>Nsco</u>	TYPE <u>C-150</u>	STROKE LENGTH <u>12</u>					

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
Rig Up & Test Down	Morn	Day	Even	Standards D.P.	Bit No.	Size	Time	Weight	Visc.-Sec.	W.L.-C.C.	From	To	Fig.	Rotary RPM	Wt. on Bit 1000 Lbs.
Drilling Actual				1	D.C. 7"	31.84	9.2	115			4100	4727	627	R	
Reaming	7	7	8	2	I.D. O.D. 61.40	5516									
Conditioning Mud & Circulating	1/2			16	D.C. 6 1/4"	492.12									
Trips	1/2				I.D. O.D. 492.12										
Lubricate R.H.					Sb. Body O.D.										
Deviation Survey					Rmr. Body O.D.										
Test B.O.P.	1/2				Sb. Body O.D.										
Cut Off Drilling Line					Subs	398									
Repair Rig					Bit	4.00									
Coring					Kelly Down	70.00									
Wire Line Logging					Total	4727.86									
Running Casing & Cementing					Wt. of String	134,000									
Waiting on Cement					Pipe in Hole	133									
Drill Stem Test					Pipe on Racks										
Other					Total Pipe on Lease	220									

TIME SUMMARY (Office Use Only)				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
A. Perforating	B. Tubing Trips	C. Swabbing	D. Testing	E. Additional	Standards D.P.	Bit No.	Size	Time	Weight	Visc.-Sec.	From	To	Fig.	Rotary RPM	Wt. on Bit 1000 Lbs.
					1	D.C. 7"	31.84	9.2	115		4727	5068	391	R	
					2	I.D. O.D. 61.40	5516								
					16	D.C. 6 1/4"	492.12								
						I.D. O.D. 492.12									
						Sb. Body O.D.									
						Rmr. Body O.D.									
						Subs	398								
						Bit	4.00								
						Kelly Down	42.00								
						Total	5068.02								
						Wt. of String	135,000								
						Pipe in Hole	141								
						Pipe on Racks	79								
						Total Pipe on Lease	220								

WIRE LINE RECORD				NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
Reel No.	No. of Lines	Size	Feet Slipped	Feet Cut Off	Standards D.P.	Bit No.	Size	Time	Weight	Visc.-Sec.	From	To	Fig.	Rotary RPM	Wt. on Bit 1000 Lbs.
	8	1 1/8			1	D.C. 7"	31.20	9.2	135		5068	5199	31	R	
					2	I.D. O.D. 61.40	5516								
					16	D.C. 6 1/4"	492.12								
						I.D. O.D. 492.12									
						Sb. Body O.D.									
						Rmr. Body O.D.									
						Subs	398								
						Bit	4.00								
						Kelly Down	42.00								
						Total	5099.22								
						Wt. of String	140,000								
						Pipe in Hole	142								
						Pipe on Racks	78								
						Total Pipe on Lease	220								

PAYROLL DATA

DATE December 12, 1971
WELL NAME & Decalta Ft. Al. Champlin Dahadinni D-65
COMPANY Guthrie McLaren Drilling Ltd.TOOL PUSHER RIG No. 2

MORNING TOUR <u>12:00</u> P.M. <u>8:00</u> A.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller		L. BLAKLEY	12
Drkman		E. TRUDEAU	12
Mtrman		E. PLAMONDON	12
Firman		M. BRESINGER	12
Firman		C. HARDISTY	12
Firman			
Firman			
Firman			
Firman			
Firman			

No. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR <u> </u> A.M. <u> </u> P.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller		R. RUTHERFORD	12
Drkman		B. TENHOUVE	12
Mtrman		M. RUTHERFORD	12
Firman		D. CLARK	12
Firman			
Firman			
Firman			
Firman			
Firman			

No. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR <u>4:00</u> P.M. <u>12:00</u> A.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Firman			
Firman			
Firman			

No. OF DAYS SINCE LAST LOST TIME ACCIDENT

7944

7944

GUTHRIE, McLAREN
Drilling Ltd.

Form 4

Weather Condition	-52	Road Conditions	Good	Nearst Town	Norman	Water - Source	W. TRACK	Camp Distance from Rte	100 yds
					1.2 mi	Miles Hauled	6	Pumped	
								Reason for Extra L. Plant	severe

PAYROLL DATA

DATE DEC. 15/71

WELL NAME & No. Decalta Ft. Al. Champlin Dahadinni D65
No. 7944

COMPANY *Guthrie McHaren Drlg. LTD.*

TOOL PUSHER RIG No. 21

[illegible]

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

[illegible]

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

[illegible]

No 7942

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECATIA F.L. CHAMPLIN
DAVIDENNE D-65
Location - Lat. Sec. Twp. Rge. W. M. DEC. 13 19 71Weather Condition - 50 Road Conditions GOOD Nearest Town NORMAN Water - Source RIVER Camp Distance from Rig 120 YDS
Miles Hauled 6 Pumped SPARE Reason for Extra L. Plant SPARE

OPERATOR <u>W. DECATIA</u>	Rig No. <u>2</u>	Drill Pipe String <u>5 3/4 O.D.</u>	Tool Joint <u>5 3/4 O.D.</u>	PUMPS		LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>[Signature]</u>	No.	Size	Type	No.	MANUFACTURER	TYPE	STROKE LENGTH							
	1.				<u>IDECO</u>	<u>600</u>	<u>16</u>							
	2.				<u>NISCO</u>	<u>C-150</u>	<u>12</u>							
	3.													

TIME DISTRIBUTION—HOURS

	Morn	Day	Even
Rig Up & Tear Down			
Drilling Actual	3 3/4	7 7/8	
Reaming	2		
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.		1/4	
Cut Off Drilling Line			
Repair Rig		1/2	
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Work on pipe	1/2	1/4	1/4

Fishing

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	

WIRE LINE RECORD

Red No.	
No. of Line	8
Size	1 1/8
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	450
Cumulative Ton Mi. or Trips	
No. of Days From Spud	17
Cumulative Rotating Hrs.	

MORNING TOUR

DAY TOUR

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run SGL-S Par-d-P Com-d-C
45	Stands D.P. 4207.60 Ft.	Bit No. 6A	Time 6:00 7:00	From To Figs. 4714 4740 26 D									
1	Singles D.P. 31.38 Ft.	Size 8 3/4	Weight 9.1 9.1										
2	D.C. 7	Mfg. MURPHY	Visc.-Sec. 82 71										
2	I.D. O.D. 61.40	Type 5516	W.L.-C.C. 232 232										
13	D.C. 6 1/4	No. 2 1	FL TR. CK. 7.2										
1	Sb. Body O.D. 5.39 Ft.	Ser. No. 674516	PH 7.2										
1	Sb. Body O.D. 5.39 Ft.	Depth Out 4714	SD. Cont. %										
1	Sb. Body O.D. 5.39 Ft.	Depth In 4714	Pressure Gradient										
1	Subs 1/2	Total Ftg. 79	Mud & Chemicals Added										
1	Bit O.D. 4.06 Ft.	Total Hr. Run 3 3/4	CAUSTIC 100 #										
1	Kelly Down 19.69 Ft.	Cond. of Bit IN	GEL 6500 #										
	Total 4740.00 Ft.	Reamer No.	RELTEX 200 #										
	Wt. of String 130 Lbs.	Reamer Type											
	Pipe in Hole 137 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.										
	Pipe on Racks 83 Jts.	Trucker											
	Total Pipe on Lease 120 Jts.	Trucker											
		Driller <u>Lon Blakley</u>											
45	Stands D.P. 4200.60 Ft.	Bit No. 6A	Time 9:00 12:00 9:00	From To Figs. 4740 4793 53 D									
2	Singles D.P. 62.73 Ft.	Size 8 3/4	Weight 9.2 9.2 9.1										
2	D.C. 7	Mfg. MURPHY	Visc.-Sec. 80 76 72										
2	I.D. O.D. 61.40	Type 5516	W.L.-C.C. 232 232										
13	D.C. 6 1/4	No. 2 1	FL TR. CK. 7.2										
1	Sb. Body O.D. 5.39 Ft.	Ser. No. 674516	PH 7.2										
1	Sb. Body O.D. 5.39 Ft.	Depth Out 4714	SD. Cont. %										
1	Sb. Body O.D. 5.39 Ft.	Depth In 4714	Pressure Gradient										
1	Subs 1/2	Total Ftg. 79	Mud & Chemicals Added										
1	Bit O.D. 4.06 Ft.	Total Hr. Run 70 3/4	GEL 2000 LBS										
1	Kelly Down 42:00 Ft.	Cond. of Bit IN											
	Total 4793.60 Ft.	Reamer No.											
	Wt. of String 132:000 Lbs.	Reamer Type											
	Pipe in Hole 137 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.										
	Pipe on Racks 83 Jts.	Trucker											
	Total Pipe on Lease 120 Jts.	Trucker											
		Driller <u>R. Rutherford</u>											
46	Stands D.P. 4301.83 Ft.	Bit No. 6A	Time 9:00 8:00 11:00	From To Figs. 4793 4855 62 D									
1	Singles D.P. 30.31 Ft.	Size 8 3/4	Weight 9.1 9.1 9.1										
2	D.C. 7	Mfg. MURPHY	Visc.-Sec. 72 83 70										
2	I.D. O.D. 61.40	Type 5516	W.L.-C.C. 9.1 9.0										
13	D.C. 6 1/4	No. 2 1	FL TR. CK. 232 232										
1	Sb. Body O.D. 5.39 Ft.	Ser. No. 674516	PH 7.0 7.0										
1	Sb. Body O.D. 5.39 Ft.	Depth Out 4714	SD. Cont. %										
1	Sb. Body O.D. 5.39 Ft.	Depth In 4714	Pressure Gradient										
1	Subs 1/2	Total Ftg. 141	Mud & Chemicals Added										
1	Bit O.D. 4.06 Ft.	Total Hr. Run 18 1/4	GEL 2500 #										
1	Kelly Down 42:00 Ft.	Cond. of Bit IN											
	Total 4855.4 Ft.	Reamer No.											
	Wt. of String 132 m Lbs.	Reamer Type											
	Pipe in Hole 139 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.										
	Pipe on Racks 81 Jts.	Trucker											
	Total Pipe on Lease 220 Jts.	Trucker											
		Driller											

PAYROLL DATA

DATE DEC. 13/71
WELL NAME & No. ET AL CHAMPLIN D-65 No. 7942
COMPANY GUTHRIE McLAREN DRIG
TOOL PUSHER _____ RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		<u>L. BLAKLEY</u>	<u>12</u>
Drkman		<u>E. TRUDEAU</u>	<u>12</u>
Mtrman		<u>F. PLAMONDON</u>	<u>12</u>
Firman		<u>M. BIESINGER</u>	<u>12</u>
Firman			
Firman			
Fireman			

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 8:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		<u>R. RUTHERFORD</u>	<u>12</u>
Drkman		<u>B. TENHOVE</u>	<u>12</u>
Mtrman		<u>M. BATCHELOR</u>	<u>12</u>
Firman		<u>D. CHARK</u>	<u>12</u>
Firman			
Firman			
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 7940

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name <u>DECATER ET AL CHAMPLIN D-65</u>		Date <u>Dec 11, 1971</u>	
Location <u>DAHAODINI D-65</u>		Weather Condition <u>Cold</u>	
Road Conditions <u>Good</u>		Nearest Town <u>Nelmar</u>	
Water - Source <u>River</u>		Camp Distance from Rig <u>100 yds</u>	
Reason for Extra L. Plant <u>SPARE</u>			
OPERATOR <u>WESTERN DECATER</u>	Rig No. <u>2</u>	Drill Pipe String <u>5 3/4 O.D.</u>	Tool Joint <u>F.H.</u>
SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>[Signature]</u>	No. <u>1</u>	Size <u>10500</u>	Type <u>16</u>
	No. <u>2</u>	Size <u>1500</u>	Type <u>12</u>
	No. <u>3</u>	Size <u>1500</u>	Type <u>12</u>
PUMPS		LAST CASING TUBING OR LINER	
MANUFACTURER		TYPE	
STROKE LENGTH			

TIME DISTRIBUTION—HOURS		MORN. TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
Rig Up & Tear Down		Stand D.P.	4052.42 Ft.	Bit No.	6	Time	1.00 4.00 7.00	From	To	Ft.			
Drilling Actual	7 1/4 5	Singles D.P.		Size	5 3/4	Weight	9.0 8.9 8.9	4589	4652	63	D		
Reaming		D.C.	71.40 Ft.	Mfg.	SEC	Visc.-Sec.	38 37 38	4652	4674	22	D		
Conditioning Mud & Circulating	1/2	D.C.		Type	M44N	W.L.-C.C.							
Trips	5 1/4	D.C.	492.12 Ft.	No.	1 2	FL TR. CK.							
Lubricate Rig	1/4	I.D. O.D.		Nozzle	12 13	PH							
Deviation Survey		Sb. Body O.D.		Ser. No.	236189	SD. Cont. %							
Test B.O.P.		Sb. Body O.D.	25.49 Ft.	Depth Out		Pressure Gradient							
Cut Off Drilling Line		Rmr. Body O.D.		Depth In	4320								
Repair Rig		Subs O.D.		Total Ftg.	354								
Coring		Bit or C.B.		Total Hr. Run	28 1/2								
Wire Line Logging		Kelly Down	32.57 Ft.	Cond. of Bit	IN								
Running Casing & Cementing		Total	4674.00 Ft.	Reamer No.									
Waiting on Cement		Wt. of String	12 1/2 m Lbs.	Reamer Type									
Drill Stem Test		Pipe in Hole	130 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.								
Other	2 1/4	Pipe on Racks	94 Jts.	Trucker									
		Total Pipe on Lease	224 Jts.	Trucker									
				Driller	W. Petre								

COMPLETION WORK		DAY TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
A. Perforating		Stand D.P.	4083.06 Ft.	Bit No.	6	Time	9.00 12.00 3.00	From	To	Ft.			
B. Tubing Trips		Singles D.P.		Size	5 3/4	Weight	8.9 8.9 8.9	4674	4714	40	D		
C. Swabbing		D.C.	71.40 Ft.	Mfg.	SEC	Visc.-Sec.	40 40 42						
D. Testing		I.D. O.D.		Type	H44N	W.L.-C.C.							
E. Additional		D.C.	492.12 Ft.	No.	2 4	FL TR. CK.							
Totals	8	I.D. O.D.		Size	13 12	PH							
		Sb. Body O.D.		Ser. No.	236151	SD. Cont. %							
		Sb. Body O.D.	25.49 Ft.	Depth Out	4714	Pressure Gradient							
		Rmr. Body O.D.		Depth In	4320								
		Subs O.D.		Total Ftg.	354								
		Bit or C.B.		Total Hr. Run	35 1/4								
		Kelly Down	412.00 Ft.	Cond. of Bit	6-2-I								
		Total	4714.00 Ft.	Reamer No.									
		Wt. of String	125 m Lbs.	Reamer Type									
		Pipe in Hole	131 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.								
		Pipe on Racks	93 Jts.	Trucker									
		Total Pipe on Lease	224 Jts.	Trucker									
				Driller	W. Petre								

WIRE LINE RECORD		EVENING TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
Reel No.		Stand D.P.	4083.06 Ft.	Bit No.	6	Time		From	To	Ft.			
No. of Lines	8 Size 1 1/8	Singles D.P.		Size	5 3/4	Weight							
Feet Slipped		D.C.	71.40 Ft.	Mfg.	SEC	Visc.-Sec.							
Feet Cut Off		I.D. O.D.		Type	H44N	W.L.-C.C.							
Present Length		D.C.	492.12 Ft.	No.	2 4	FL TR. CK.							
Ton Mi. or Trips Since Last Cut		I.D. O.D.		Size	13 12	PH							
Cumulative Ton Mi. or Trips		Sb. Body O.D.		Ser. No.	236151	SD. Cont. %							
No. of Days From Spud	15	Sb. Body O.D.	25.49 Ft.	Depth Out	4714	Pressure Gradient							
Cumulative Rotating Hrs.	168 3/4	Rmr. Body O.D.		Depth In	4320								
		Subs O.D.		Total Ftg.	354								
		Bit or C.B.		Total Hr. Run	35 1/4								
		Kelly Down	41.39 Ft.	Cond. of Bit	6-2-I								
		Total	4714.00 Ft.	Reamer No.									
		Wt. of String	125 m Lbs.	Reamer Type									
		Pipe in Hole	131 Jts.	Water Charges	Reg. Hrs. O.T. Hrs.								
		Pipe on Racks	93 Jts.	Trucker									
		Total Pipe on Lease	224 Jts.	Trucker									
				Driller	W. Petre								

PAYROLL DATA

DATE Dec 11-71
WELL NAME & No. ET AL CHAMPLIN D-65 No 7940
COMPANY GUTHRIE McLAREN DRG
TOOL PUSHER O.A. Lelank RIG No. 2

MORNING TOUR 12.00 P.M. 8.00 A.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. PETRIC	12
Drkman		E. TRUDEAU	12
Mtrman		K. GUTHRIE	12
Firman		E. PLAMONDON	12
Firman			
Firman			
Firman			
Firman			

No. OF DAYS 22 SINCE LAST LOST TIME ACCIDENT

DAY TOUR 9.00 A.M. 4.00 P.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller		C. L. WILSON	12
Drkman		M. J. B. B. B.	12
Mtrman		P. M. B. B. B.	12
Firman		M. R. B. B. B.	12
Firman		E. W. B. B. B.	12
Firman			
Firman			

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR _____ P.M. _____ A.M.			
CREW	SOC. SEC. No.	NAME	HRS.
Driller		RICHARD B. B. B.	
Drkman		BILL B. B. B.	
Mtrman		LEN B. B. B.	
Firman		ORAL B. B. B.	
Firman		MICHAEL B. B. B.	
Firman			
Firman			
Firman			

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

Total Day Work		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Meth. Run Par's Com		
WIRE LINE RECORD		Standards D.P.		Singles D.P.		Time		From			To			Ftgs.										
Reel No.		D.C.		D.C.		Weight		Visc.-Sec.			W.L.-C.C.			FL TR. CK.			PH		SD. Cont. %		Pressure Gradient			
No. of Lines 8 Size 1 1/8		I.D. O.D.		I.D. O.D.		Type		No. Size			No. Size			No. Size			No. Size		No. Size		No. Size		No. Size	
Feet Slipped		D.C.		D.C.		Nozzle		No. Size			No. Size			No. Size			No. Size		No. Size		No. Size		No. Size	
Feet Cut Off		I.D. O.D.		I.D. O.D.		Size		Size			Size			Size			Size		Size		Size		Size	
Present Length		Sb. Body		Sb. Body		Ser. No.		Ser. No.			Ser. No.			Ser. No.			Ser. No.		Ser. No.		Ser. No.		Ser. No.	
Ton Mi. or Trips Since Last Cut		O.D.		O.D.		Depth Out		Depth Out			Depth Out			Depth Out			Depth Out		Depth Out		Depth Out		Depth Out	
Cumulative Ton Mi. or Trips		Rmr. Body		Rmr. Body		Depth In		Depth In			Depth In			Depth In			Depth In		Depth In		Depth In		Depth In	
No. of Days From Spud		Subs		Subs		Total Ftg.		Total Ftg.			Total Ftg.			Total Ftg.			Total Ftg.		Total Ftg.		Total Ftg.		Total Ftg.	
Cumulative Raising Hrs.		O.D.		O.D.		Total Hr. Run		Total Hr. Run			Total Hr. Run			Total Hr. Run			Total Hr. Run		Total Hr. Run		Total Hr. Run		Total Hr. Run	
		Kelly Down		Kelly Down		Cond. of Bit		Cond. of Bit			Cond. of Bit			Cond. of Bit			Cond. of Bit		Cond. of Bit		Cond. of Bit		Cond. of Bit	
		Total		Total		Reamer No.		Reamer No.			Reamer No.			Reamer No.			Reamer No.		Reamer No.		Reamer No.		Reamer No.	
		Wt. of String		Wt. of String		Reamer Type		Reamer Type			Reamer Type			Reamer Type			Reamer Type		Reamer Type		Reamer Type		Reamer Type	
		Pipe in Hole		Pipe in Hole		Water Charges		Water Charges			Water Charges			Water Charges			Water Charges		Water Charges		Water Charges		Water Charges	
		Pipe on Racks		Pipe on Racks		Trucker		Trucker			Trucker			Trucker			Trucker		Trucker		Trucker		Trucker	
		Total Pipe on Lease		Total Pipe on Lease		Trucker		Trucker			Trucker			Trucker			Trucker		Trucker		Trucker		Trucker	
40		3742.56 Ft.		3742.56 Ft.		Time		Time			Time			Time			Time		Time		Time		Time	
3		2 3/4 7		2 3/4 7		Mfg.		Mfg.			Mfg.			Mfg.			Mfg.		Mfg.		Mfg.		Mfg.	
16		2 3/4 6 1/2		2 3/4 6 1/2		Type		Type			Type			Type			Type		Type		Type		Type	
		492.12 Ft.		492.12 Ft.		No. Size		No. Size			No. Size			No. Size			No. Size		No. Size		No. Size		No. Size	
		33.37 Ft.		33.37 Ft.		Depth Out		Depth Out			Depth Out			Depth Out			Depth Out		Depth Out		Depth Out		Depth Out	
		42 00 Ft.		42 00 Ft.		Cond. of Bit		Cond. of Bit			Cond. of Bit			Cond. of Bit			Cond. of Bit		Cond. of Bit		Cond. of Bit		Cond. of Bit	
		4320 00 Ft.		4320 00 Ft.		Reamer No.		Reamer No.			Reamer No.			Reamer No.			Reamer No.		Reamer No.		Reamer No.		Reamer No.	
		112 Lbs.		112 Lbs.		Reamer Type		Reamer Type			Reamer Type			Reamer Type			Reamer Type		Reamer Type		Reamer Type		Reamer Type	
		120 Jcs.		120 Jcs.		Water Charges		Water Charges			Water Charges			Water Charges			Water Charges		Water Charges		Water Charges		Water Charges	
		104 Jcs.		104 Jcs.		Trucker		Trucker			Trucker			Trucker			Trucker		Trucker		Trucker		Trucker	
		224 Jcs.		224 Jcs.		Trucker		Trucker			Trucker			Trucker			Trucker		Trucker		Trucker		Trucker	

7936

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Handwritten form for drilling log, including sections for Lease, Operator, TIME DISTRIBUTION—HOURS, NO. DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE, and various operational details.

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Meth Rus Par Com
Total Day Work				Standards D.P.	38	Bit No.	3	Time	2:22	4:00	9:22	From	To	Fig.									
WIRE LINE RECORD																							
Reel No.		3		D.C. 34" 7'		Mfg.	SEC	Visc.-Sec.	28	28	28												
No. of Lines		3		I.D. O.D.	7.140	Type	144N	W.L.-C.C.															
Feet Slipped		14		D.C. 24" 6 1/4"		No.	3	FL TR. CK.															
Feet Cut Off				I.D. O.D.	430.72	Size	1 1/2	PH															
Present Length				Sb. Body	O.D.	Ser. No.	242716	SD. Cont. %															
Ton Mi. or Trips Since Last Cut				Sb. Body	O.D.	Depth Out	2916	Pressure Gradient															
Cumulative Ton Mi. or Trips				Rmr. Body	O.D.	Depth In	2442																
No. of Days From Spud		8		Subs	O.D.	Total Ftg.	468																
Cumulative Rotating Hrs.		1814		Bit or C.B.		Total Hr. Run	23 1/4																
Subsidence		27 1/4"		Kelly Down	4113	Cond. of Bit	3-1-1																
				Total	2916.00	Reamer No.																	
				Wt. of String	94	Reamer Type																	
				Pipe in Hole	75	Water Charges	Reg. Hrs. O.T. Hrs.																
				Pipe on Racks	149	Trucker																	
				Total Pipe on Lease	224	Trucker																	
				DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																			
				DRILL 8 3/4 HOLE																			
				RIG SERV.																			
				DRILL 8 3/4 HOLE																			
				SURVEY 2 RUN 1000 GAGE UNWATCHED FIRST RUN																			
				DRILL 8 3/4 HOLE																			
				CIRC SAMPLES FOR GEOLOGIST.																			
				DRILLING.																			
				CIRC SAMPLES FOR GEOLOGIST																			
				DRILLING.																			
				SURVEY																			
				CIRC PRIOR TO TRIP																			
				S. R. R.																			

Nº 7932

7932
GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

License _____ Date _____
Well Name DECATIA ET AL CHIMNEY
DAHDIANI D-65
Location — Lat. _____ Sec. _____ Twp. _____ Rge. _____ W. _____ M. DEC 3 1971

Weather Condition	- 20	Road Conditions	FAIR	Nearest Town	NORMAN, WY	Water - Source	POWELL	Camp Distance from Rig	100 Yds
						Miles Hauled	8	Pumped	
								Reason for Extra Plant	SPARE

[illegible]

TIME DISTRIBUTION—HOURS				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			FORMATION (SHOW CORE RECOVERY)		Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Pres.	Pump No. 1		Pump No. 2		Meth. Run Par'e Com'e
	Morn	Day	Eve			Stands D.P.	Ft.	Bit No.		Time		G. 6.00	7.00	From	To	Ftge.	Core No.				Liner Size	S.P.M.	Liner Size	S.P.M.		
Rig Up & Tear Down						Singles D.P.	Ft.	Size	8 3/4	Weight		8.8	8.5	1796	1870	86	D		70	15/20	5.00	6	52	5 1/2	70	5
Drilling Actual	2 1/2	6 3/4	7 1/4			D.C. I.D.	O.D.	Mfg.	SEC	Visc.-Sec.		28	28													
Reaming						3 3/4 I.D.	7 O.D.	Type	m44N	W.L.-C.C.																
Conditioning Mud & Circulating						D.C. I.D.	6 1/4 O.D.	No.	3	FL TR. CK.																
Trips	5					14 3/4 I.D.	430.72 Ft.	Nozzle Size	13	PH																
Lubricate Rig	1/4	3/4	1/4			Std. Body O.D.	Ft.	Ser. No.	286825	SD. Cont. %																
Deviation Survey		1/4	1/2			Std. Body O.D.	Ft.	Depth Out		Pressure Gradient																
Test B.O.P.						Rmr. Body O.D.	33.30 Ft.	Depth In	1796																	
Cut Off Drilling Line						Subs O.D.	Ft.	Total Ftg.	74																	
Repair Rig						Bit or C.B.	Ft.	Total Hr. Run	3 1/2																	
Coring						Kelly Down	25.02 Ft.	Cond. of Bit	1 N																	
Wire Line Logging						Total	1870 Ft.	Reamer No.																		
Running Casing & Cementing						Wt. of String	76 lbs.	Reamer Type																		
Waiting on Cement						Pipe in Hole	.42 Jts.	Water Charges Reg. Hrs. O.T. Hrs.																		
Drill Stem Test						Pipe on Racks	18.2 Jts.	Trucker																		
Other	0.62	1/4	2 1/4			Total Pipe on Lease	22.4 Jts.	Trucker		Driller	10 Pats															

MORNING TOUR

RS SERVICE
 TRIP FOR BIT & PICK UP 4 DC.
 BOTTOM CORRECTION 30' TO BOTTOM.
 S. R. L. 10/12

COMPLETION WORK		NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE			FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump No. 1		Pump No. 2		Met R	
		16		Stand D.P. 1496.45 Ft.		Bit No. 2		Time 8:00 10:00 12:00			From To Ftg. 1870 2060 190 D					70 25 800 6" 52									
A. Perforating		Singles D.P.		Fe.		Size 8 3/4		Weight 8.9 9.2 9.1								70 25 800 6" 52									
B. Tubing Trips		D.C. 2 3/4 7"		Mfg. SEC		Visc.-Sec. 28 28 28											70 25 1060 6" 60								
C. Swabbing		I.D. O.D. 71.40 Ft.		Type M-44N		W.L.-C.C.																			
D. Testing		D.C. 2 3/4 6 1/2"		No. 3/1		FL TR. CK.																			
E. Additional		I.D. O.D. 430.72 Ft.		No. 113		PH																			
Totals		\$ 88																							
TIME SUMMARY (Office Use Only)																									
Day Work																									
Hrs. W/DP																									
Hrs. WO/DP																									
Hrs. Standby																									

[illegible]

7931

GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease
Well Name D-14 A ET AL CHAMBERLAIN
D-14 A DINNI D-65
Location - Lsd. Sec. Twp. Rge. W. M. Dec 2 1971

Weather Condition	Snowing. Road ~25	Nearest Town	Water - Source	Camp Distance from Rig
Conditions	FAIR	Woman Lake	100 yds	
			Miles Hauled	Reason for Extra L. Plant
			1	SPARE

OPERATOR		Rig No. 2	Drill Pipe String	Tool Joint	5 3/4 O.D.	PUMPS				LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
DWKS		No.	Size	Type	Thd.	No.	MANUFACTURER	TYPE	STROKE LENGTH		9 5/8		36" KS	22	702	1300	696	
WESTERN DECATAL					F.H.	1.	CDSCO	600	16									
SIGNATURE OF OPERATOR'S REPRESENTATIVE						2.	ALSCO	C-150 B	12									
SIGNATURE OF CONTRACTOR'S TOOL PUSHER																		

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD			MUD RECORD				FOOTAGE			DR-D RM-R Core-C		Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1		Pump No. 2		Meth Run SGL Par'el Com'd		
Rig Up & Tear Down	Morn	Day	Even	Stand D.P.	Feet	Bit No.	Size	Time	Weight	Visc.-Sec.	W.L.-C.C.	FL TR. CK.	PH	SD. Cont. %	Pressure Gradient	From	To	Ftge.						Deviation Record	Depth	Dev.	Direction		Depth	Dev.
Drilling Actual	5	7	13/4	8	Stand D.P.	812.05	Feet	1	4.00	7.00							950	1250	300	D										
Reaming				13	I.D. O.D.	379.05	Feet	STC	28	28																				
Conditioning Mud & Circulating					D.C.		No.	3																						
Trips	3/4				I.D. O.D.		Size	13																						
Lubricate Rig	1/4	1/4	1/4		Stb. Body O.D.	33.37	Ser. No.	HNO92																						
Deviation Survey	1/4	3/4	1		Stb. Body O.D.		Depth Out																							
Test B.O.P.					Rmr. Body O.D.		Depth In	950																						
Cut Off Drilling Line					1 Sub. O.D.	1.16	Total Ftg.	300																						
Repair Rig					Bit or C.B.		Total Hr. Run	5																						
Coring					Kelly Down	2437	Cond. of Bit	IN																						
Wire Line Logging					Total	1250.00	Reamer No.																							
Running Casings & Cementing					Wt. of String	62 m	Lbs.																							
Waiting on Cement					Pipe in Hole	26	Jts.																							
Drill Stem Test					Pipe on Racks	198	Jts.																							
Other	13/4				Total Pipe on Lease	224	Jts.																							

MORNING TOUR

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
 Rig SEVILLE
 Run in Pipe
 Drilling 8 3/4 Hole.
 STOP LEAKS AROUND AUTO STRIPPER
 DRILLING.
 SURVEY
 Drilling
 BUILD UP HOLE (NOTE CORE AHEAD ON SECTION TABLE)
 DRILLING.

Driller N. PETERSON

COMPLETION WORK		NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump No. 1		Pump No. 2		Met. R. SGI Par' Com	

Total Day Work		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE			DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump No. 1		Pump No. 2		Me R SQ Com			
WIRE LINE RECORD																												
Reel No.																												
No. of Lines 8 Size 1 1/8																												
Feet Slipped																												
Feet Cut Off																												
Present Length																												
Ton Mi. or Trips Since Last Cut																												
Cumulative Ton Mi. or Trips																												
No. of Days From Spud 5																												
Cumulative Rotating Hrs. 18 3/4																												
SURFACES 25 1/2																												
14		Stands D.P.	1340.71	Ft.	Bit No.	1	Time	4:00	6:00	7:00	From	To	Feet															
1		Singles D.P.		Ft.	Size	8 3/4	Weight	9.0	9.0		1609	1796	187	D														
D.C.					Mfg.	S.T.C	Visc.-Sec.	28	28																			
13		I.D. O.D.	379.05	Ft.	Type	SDT	W.L.-C.C.																					
D.C.					No.	3	FL TR. CK.																					
I.D. O.D.					Size	13	PH																					
Sub. Body O.D.		33.37	Ft.	Ser. No.	HN092	SD. Cont. %					Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
Sub. Body O.D.				Depth Out	1796	Pressure Gradient					4:00	4:15	1/4						RIG SERVED SURVEY									
Rmr. Body O.D.				Depth In	950						4:15	5:30	1 1/4						DRILL B 3 1/2 HOLE									
1		Subs	1.16	Ft.	Total Ftg.	546	Mud & Chemicals Added				5:30	5:45	1/4						SURVEY									
Bit or C.B.				Total Hr. Run	18 3/4	Type	Amt.	Type	Amt.		5:45	6:15	1						DRILL B 3 1/2 HOLE									
Kelly Down		41.51	Ft.	Cond. of Bit	4-1-1						6:15	7:00	1/2						SURVEY									
Total		1796	Ft.	Reamer No.							7:00	9:00	2						DRILL B 3 1/2 HOLE									
Wt. of String		65	Lbs.	Reamer Type							9:00	9:15	1/4						SURVEY 1702 - 1°									
Pipe in Hole		43	Jts.	Water Charges	Reg. Hrs. O.T. Hrs.						9:15	11:45	2 1/2						DRILLING									
Pipe on Racks		181	Jts.	Trucker							11:45	12:00	1/4						SURVEY 1765 - 1°									
Total Pipe on Lease		224	Jts.	Trucker																								

No. 7930

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name DEALTA ST. A. CHAMPION Date Dec 1 1971
DAHADINNI D-65Location - Lat. 24° 42' N Sec. 10 Twp. 10 N Rge. 10 W M. 10Weather Condition 8-20Road Conditions FAIRNearest Town Indian WellsWater - Source RIVERCamp Distance from Rig 100 ydsReason for Extra L. Plant SPACE

OPERATOR

Rig No. 2
DWKS 10 Dec 7-11Drill Pipe String 5 3/4 O.D.
No. 2 Size 4 1/2 Type Tbd. F-11

PUMPS

MANUFACTURER TYPE STROKE LENGTH
1. IDECO 600 16
2. ALCO 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 36 K5 22 702 1300 696SIGNATURE OF OPERATOR'S REPRESENTATIVE
WESTERN DEALTASIGNATURE OF CONTRACTOR'S TOOL PUSHER
O.R. LeLach

TIME DISTRIBUTION—HOURS

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

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
3	Stands D.P. <u>312.05</u> Ft.	Bit No. <u>1</u>	Time
1	Singles D.P. <u>10</u> Ft.	Size <u>8 3/4</u>	Weight
	D.C.	Mfg. <u>SMITH</u>	Visc.-Sec.
12	I.D. O.D. <u>369.07</u> Ft.	Type <u>SDT</u>	W.L.-C.C.
	D.C.	No. <u>3/13</u>	FL TR. CK.
	I.D. O.D.	Size <u>3/13</u>	PH
	Sub. Body O.D.	Ser. No. <u>HN 092</u>	SD. Cont. %
	Sub. Body O.D.	Depth Out <u>950</u>	Pressure Gradient
	Rmr. Body O.D.	Depth In <u>950</u>	
	Subs O.D. <u>9.28</u> Ft.	Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down <u>4140</u> Ft.	Cond. of Bit	
	Total <u>732.00</u> Ft.	Reamer No.	
	Wt. of String <u>52 m</u> Lbs.	Reamer Type	
	Pipe in Hole <u>10</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>214</u> Jts.	Trucker <u>ALCO</u>	
	Total Pipe on Lease <u>224</u> Jts.	Trucker	
		Driller <u>W. Petrie</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-P Cor'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			
<u>11:00</u> <u>12:15</u> <u>1 15</u>						<u>Rig Setup</u>			
<u>12:15</u> <u>12:45</u> <u>30</u>						<u>PRESSURE BLIND RAMS, Kelly Lock & MANIFOLD</u>			
<u>12:45</u> <u>2:45</u> <u>2 00</u>						<u>TO 1100 PSI FOR 15 MIN - OK.</u>			
<u>2:45</u> <u>3:30</u> <u>45</u>						<u>CUT OFF DRILLING LINE</u>			
<u>3:30</u> <u>5:15</u> <u>1 45</u>						<u>RUN IN</u>			
<u>5:15</u> <u>6:00</u> <u>45</u>						<u>PRESSURE PIPE RAMS TO 1150 PSI FOR 15 MIN - OK</u>			
<u>6:00</u> <u>8:00</u> <u>2 00</u>						<u>PRESSURE HYDRAULIC TO 1050 PSI FOR 15 MIN - OK.</u>			
						<u>DRILL OUT CEMENT PLUG & SHOW</u>			
						<u>CHUCK MOTOR SHUT DOWN OK</u>			

COMPLETION WORK
A. Perforating
B. Tubing Trips
C. Swabbing
D. Testing
E. Additional
Totals <u>8</u> <u>8</u> <u>8</u>

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
5	Stands D.P. <u>550.90</u> Ft.	Bit No. <u>1</u>	Time
2	Singles D.P. <u>10</u> Ft.	Size <u>8 3/4</u>	Weight
	D.C.	Mfg. <u>SMITH</u>	Visc.-Sec.
12	I.D. O.D. <u>369.27</u> Ft.	Type <u>SDT</u>	W.L.-C.C.
	D.C.	No. <u>3/13</u>	FL TR. CK.
	I.D. O.D.	Size <u>3/13</u>	PH
	Sub. Body O.D.	Ser. No. <u>HN 092</u>	SD. Cont. %
	Sub. Body O.D.	Depth Out <u>950</u>	Pressure Gradient
	Rmr. Body O.D.	Depth In <u>950</u>	
	Subs O.D. <u>9.28</u> Ft.	Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down <u>42.00</u> Ft.	Cond. of Bit	
	Total <u>950</u> Ft.	Reamer No.	
	Wt. of String <u>55-1</u> Lbs.	Reamer Type	
	Pipe in Hole <u>17</u> Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks <u>207</u> Jts.	Trucker <u>ALCO</u>	
	Total Pipe on Lease <u>224</u> Jts.	Trucker	
		Driller <u>P. L. L. L.</u>	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-P Cor'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			
<u>8:00</u> <u>8:15</u> <u>15</u>						<u>Rig Setup</u>			
<u>8:15</u> <u>9:00</u> <u>45</u>						<u>CLEAN OUT HOLE TO 950'</u>			
<u>9:00</u> <u>9:30</u> <u>30</u>						<u>PULL OUT</u>			
<u>9:30</u> <u>11:00</u> <u>1 30</u>						<u>REBUILD FLOW NIPPLE FOR 7 1/2" STRIPPER</u>			
<u>11:00</u> <u>12:00</u> <u>1 00</u>						<u>WORK ON MUD GUN'S REMODELING TIE</u>			
						<u>DOWNING & INSTALL Suction FOR</u>			
						<u>DISASTER.</u>			

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.
<u>SURFACE 25 1/2</u>

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD
	Stands D.P.	Bit No. <u>1</u>	Time
	Singles D.P.	Size <u>8 3/4</u>	Weight
	D.C.	Mfg. <u>S.T.C</u>	Visc.-Sec.
	I.D. O.D.	Type <u>SDT</u>	W.L.-C.C.
	D.C.	No. <u>3/13</u>	FL TR. CK.
	I.D. O.D.	Size <u>3/13</u>	PH
	Sub. Body O.D.	Ser. No. <u>HN 092</u>	SD. Cont. %
	Sub. Body O.D.	Depth Out <u>950</u>	Pressure Gradient
	Rmr. Body O.D.	Depth In <u>950</u>	
	Subs O.D.	Total Ftg.	Mud & Chemicals Added
	Bit or C.B.	Total Hr. Run	Type Amt. Type Amt.
	Kelly Down	Cond. of Bit	
	Total	Reamer No.	
	Wt. of String	Reamer Type	
	Pipe in Hole	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	Trucker	
	Total Pipe on Lease	Trucker	
		Driller	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par'd-P Cor'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			
<u>11:00</u> <u>12:00</u> <u>1 00</u>						<u>REMODELING MUD GUN TIE DOWNING & INSTALL</u>			
<u>12:00</u> <u>12:30</u> <u>30</u>						<u>ING Suction FOR DISASTER.</u>			
<u>12:30</u> <u>1:00</u> <u>30</u>						<u>PULLING UP STABILIZER EQUIPMENT SAME</u>			
<u>1:00</u> <u>1:30</u> <u>30</u>						<u>RUN IN D.C.</u>			
<u>1:30</u> <u>2:00</u> <u>30</u>						<u>DRILL HOUSE HOLE DEEPER</u>			

7929

7929

GUTHRIE McLAREN
Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease
Well Name DECATA ET AL CHAMPLAIN
DAHADINNI D-65
Location — Lsd. — Sec. — Twp. — Rge. — W. — M. Nov 30 1971

Weather Condition	Road Conditions	Nearest Town	Water - Source	Miles Hauled	Pumped	Camp Distance from Rig	Reason for Extra L. Haul
Cold 32°	Fair	Arden	1.5 mi. E	6		100 yds	50 yds

[illegible][illegible][illegible][illegible]

N^o 7928GUTHRIE McLAREN
Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name DECATIA ET AL CHAMPLIN Date NOV 29 1971
Location - LAHADA D-65 Sec. 2 Twp. 19 Rge. W M. 21Weather Condition 20-20 Road Conditions FIR Nearest Town NORMAN WELLS Water Source FLUOR Camp Distance from Rig 100 YD
Miles Hauled 6 Pumped 6 Reason for Extra L. Plant SPARE

OPERATOR

Rig No. 2

Drill Pipe String

Tool Joint

5 3/4 O.D.

PUMPS

LAST CASING

TUBING

OR LINER

Size

Make

Wt. & Gr.

No Joints

Feet

RKB. to

Set at

Remarks

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

TIME DISTRIBUTION - HOURS

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

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			

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.	25 1/2

MORNING TOUR

NO.	DRILLING AT END OF TOUR	ASSEMBLY OF TOUR	BIT RECORD	MUD RECORD
4	Stands D.P.	437.22 Ft.	Bit No. 53	Time 4:15 5:30 7:00
2	Singles D.P.		Size 8 3/4	Weight 9.3 9.3 9.3
	D.C.		Mfg. REED	Visc.-Sec. 64 70 64
12	I.D. O.D.	369.27 Ft.	Type YTI	W.L.-C.C.
	D.C.		No. CONN	FL TR. CK.
	I.D. O.D.		Nozzle Size CUT OUT	PH
	Sub. Body O.D.		Ser. No. RR	SD. Cont. %
	Sub. Body O.D.		Depth Out	Pressure Gradient
	Rmr. Body O.D.		Depth In 671	
	Subs O.D.	9.28 Ft.	Total Ftg. 185	Mud & Chemicals Added
	Bit or C.B.		Total Hr. Run 4 1/2	Type Amt. Type Amt.
	Kelly Down	4923 Ft.	Cond. of Bit IN	Get. 2200#
	Total	556.00 Ft.	Reamer No.	SAVED 15 SKS.
	Wt. of String	52.7 Lbs.	Reamer Type	
	Pipe in Hole	14 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	210 Jts.	Trucker	
	Total Pipe on Lease	224 Jts.	Trucker	
			Driller	W. Petro

DAY TOUR

NO.	DRILLING AT END OF TOUR	ASSEMBLY OF TOUR	BIT RECORD	MUD RECORD
3	Stands D.P.	280.75 Ft.	Bit No. 53 52R	Time 8:00 9:00 2:00
	Singles D.P.		Size 8 3/4 12 1/4	Weight 9.5 9.5 9.5
	D.C.		Mfg. REED STC	Visc.-Sec. 80 80 85
12	I.D. O.D.	369.27 Ft.	Type YTI ST3.5	W.L.-C.C.
	D.C.		No. CAT	FL TR. CK.
	I.D. O.D.		Nozzle Size OUT	PH
	Sub. Body O.D.		Ser. No. RR 910982	SD. Cont. %
	Sub. Body O.D.		Depth Out 950	Pressure Gradient
	Rmr. Body O.D.		Depth In 671 671	
	Subs O.D.	10.32 Ft.	Total Ftg. 279 254	Mud & Chemicals Added
	Bit or C.B.		Total Hr. Run 6 1/2	Type Amt. Type Amt.
	Kelly Down	36.76 Ft.	Cond. of Bit	
	Total	696 Ft.	Reamer No.	
	Wt. of String	52.7 Lbs.	Reamer Type	
	Pipe in Hole	9 Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	215 Jts.	Trucker	
	Total Pipe on Lease	224 Jts.	Trucker	
			Driller	C. Livingston

EVENING TOUR

NO.	DRILLING AT END OF TOUR	ASSEMBLY OF TOUR	BIT RECORD	MUD RECORD
3	Stands D.P.	750.75 Ft.	Bit No.	Time
	Singles D.P.		Size	Weight
	D.C.		Mfg.	Visc.-Sec.
12	I.D. O.D.	369.27 Ft.	Type	W.L.-C.C.
	D.C.		No.	FL TR. CK.
	I.D. O.D.		Nozzle Size	PH
	Sub. Body O.D.		Ser. No.	SD. Cont. %
	Sub. Body O.D.		Depth Out	Pressure Gradient
	Rmr. Body O.D.		Depth In	
	Subs O.D.	10.32 Ft.	Total Ftg.	Mud & Chemicals Added
	Bit or C.B.		Total Hr. Run	Type Amt. Type Amt.
	Kelly Down	36.76 Ft.	Cond. of Bit	
	Total	696.00 Ft.	Reamer No.	
	Wt. of String	Lbs.	Reamer Type	
	Pipe in Hole	Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
	Pipe on Racks	Jts.	Trucker	
	Total Pipe on Lease	Jts.	Trucker	
			Driller	P. H. H. H. H.

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par-el-P Com-d-C
671 856 195 D				160	18	350	6 50 5 1/2 70	5	
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
701 7/8"				763 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						Rig Service	
12:15	3:00	2 3/4						Mix mud & Build Volume	
3:00	3:30	1/2						Drilling 3 1/4 Hole	
3:30	3:45	1/4						Survey	
3:45	5:30	1 3/4						Drilling	
5:30	5:45	1/4						Survey	
5:45	8:00	2 1/4						Drilling	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	SGL-S Par-el-P Com-d-C
856 950 94 D				160	15	400	6 48		
671 696 25 R									
Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
856 3/4"									
Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
8:00	8:15	1/4						Rig Serv.	
8:15	8:45	1/2						Drilling 8 3/4 Hole	
8:45	9:00	1/4						Survey	
9:00	10:30	1 1/2						Drilling 8 3/4 Hole	
10:30	12:30	2						TRIP TO PICK UP 12 1/4 BIT	
12:30	2:15	1 3/4						BREAK CIRC & CLEAN BRIDGES TO BOT.	
2:15	2:45	1/2						REAM 12 1/4 HOLE	
2:45	2:55	1/2						CIRC PRIOR TO DUMMY TRIP	
2:55	4:00	3/4						DUMMY TRIP	

FOOTAGE	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1	Pump No. 2	Method Run
From To Ftg.							Liner Size S.P.M.	Liner Size S.P.M.	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	1/4						BREAK CIRC & CLEAN TO BOT	
4:15	4:45	1/2						CIRC TO RUN CS9	
4:45	5:00	1/4						HUNT TO RUN CS9	
5:00	9:45	4						Rig To & Run CS9	
9:45	11:00	1 1/2						Rig To CIRC 1 CIRC 850	
11:00	12:00	1						Cementing & Pump Down Plug	

GOOD RETURNS.

BUMP PLUG W/500 PSI - BLEED IT BACK TO 0"

7927

GUTHRIE McLAREN
Drilling Ltd.

Form

Handwritten form for drilling operations, including sections for OPERATOR, TIME DISTRIBUTION, DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, FOOTAGE, and COMPLETION WORK. The form is filled with handwritten data and signatures.

1926
GUTHRIE McLAREN
Drilling Co.

Form 6

GUTHRIE & LARSEN Drilling Co.		Lease Well Name <u>DELANTA ET AL CHAMPLAIN</u>		Date <u>Nov 27 1971</u>	Weather Condition <u>Good</u>	Road Conditions <u>FAIR</u>	Nearest Town <u>NORMAN WELLS</u>	Water - Source <u>WELL</u>	Camp Distance from Rig <u>100 YDS</u>	Reason for Extra L. Plant <u>322RB</u>																	
OPERATOR <u>W. DELANTA</u>		Rig No. <u>2</u> DWKS <u>1000 7-11</u>	Drill Pipe String No. <u>2</u> Size <u>7 7/8</u>	Tool Joint Type <u>53/4 O.D.</u>	PUMPS		LAST CASING TUBING OR LINER		Remarks																		
SIGNATURE OF OPERATOR'S REPRESENTATIVE <u>[Signature]</u>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <u>O.R. Lalor</u>		MANUFACTURER		TYPE	STROKE LENGTH																				
				1. <u>IDELO</u>		<u>MM 600</u>	<u>16</u>																				
				2. <u>N560</u>		<u>C-120B</u>	<u>12</u>																				
				3.																							
TIME DISTRIBUTION - HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run					
Morn Day Eve		Stands D.P.		Bit No. <u>1A</u>		Time <u>2:30 4:00 7:00</u>		From To Ftg.		DR-D RM-R Core-C		Core No.		Depth		Dev.		Direction		Depth		Dev.		Direction			
Rig Up & Tear Down		Singles D.P.		Size <u>8 3/4</u>		Weight <u>8.5 8.7 8.8</u>		0 270 270		D				160		10		300		6 1/2		5 1/2		70 5			
Drilling Actual <u>4 1/4</u>		D.C. <u>2 1/4</u>		Mfg. <u>HW</u>		Visc.-Sec. <u>45 37 42</u>																					
Reming		I.D. O.D. <u>246.28 Ft.</u>		Type <u>OSC-16 R</u>		W.L.-C.C.																					
Conditioning Mud & Circulating		D.C.		No. <u>16462</u>		FL TR. CK.																					
Trips		I.D. O.D.		No. <u>16462</u>		PH																					
Lubricate Rig		Sub. Body O.D.		Ser. No. <u>16462</u>		SD. Cont. %																					
Deviation Survey		Sub. Body O.D.		Depth Out		Pressure Gradient																					
Test B.O.P.		Rmr. Body O.D.		Depth In <u>0</u>																							
Cut Off Drilling Line		Subs O.D.		Total Ftg. <u>270</u>		Mud & Chemicals Added																					
Repair Rig		Bit or C.B.		Total Hr. Run <u>4 1/4</u>		Type Amt. Type Amt.																					
Coring		Kelly Down <u>14.44</u>		Cond. of Bit <u>IN</u>		GEL. 750#																					
Wire Line Logging		Total <u>270.</u>		Reamer No.		CAUSTIC 150#																					
Running Casing & Cementing		Wt. of String <u>32 m</u>		Reamer Type		CEMENT 30#																					
Waiting on Cement		Pipe in Hole <u>0</u>		Water Charges Reg. Hrs. O.T. Hrs.																							
Drill Stem Test		Pipe on Racks <u>224</u>		Trucker																							
Other		Total Pipe on Lease <u>224</u>		Trucker		Driller <u>L. Pitre</u>																					
Fishing		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR-D RM-R Core-C		Core No.		FORMATION (SHOW CORE RECOVERY)		Rotary RPM		Wt. on Bit 1000 Lbs.		Pump Press		Pump No. 1		Pump No. 2		Method Run	
A. Perforating		Stands D.P.		Bit No. <u>1A</u>		Time		From To Ftg.		D						160		15		300		6 1/2		70 5			
B. Tubing Trips		Singles D.P.		Size <u>8 3/4</u>		Weight		270 480 270																			
C. S. S. S. S.		D.C.		Mfg. <u>HW</u>		Visc.-Sec.																					
D. Testing		I.D. O.D. <u>369.27 Ft.</u>		Type <u>OSC-16</u>		W.L.-C.C.																					
E. Additional		D.C.		No. <u>16462</u>		FL TR. CK.																					
Totals		I.D. O.D.		No. <u>16462</u>		PH																					
TIME SUMMARY (Office Use Only)		Sub. Body O.D.		Ser. No. <u>16462</u>		SD. Cont. %																					
Day Work		Sub. Body O.D.		Depth																							