

ATKINSON UNION ISLAND RIVER G-42

Drilling Authority No. 1171
Date issued 16 December 1971

WELL NO. 101
FIELD
LOCATION: Unit 1

Area: 101-11-20
Section: 101-11-20
Grid: 101-11-20
Latitude: 25.15000 --- 121.1 1072
U.W.L.R. 1001.26020121000
U.W.I. 1001.26020121000

Rig Release Date:
Status:
Information Release Date:

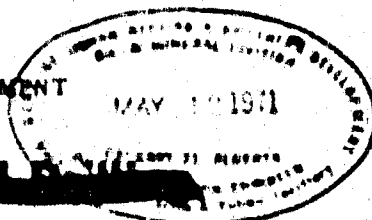
CHANGE OF NAME

DATE RECEIVED	INDEX
10-12-70	Application for a Drilling Authority. Well Completion Data. Well History Report. Application to Amend a Drilling Authority. Application to change a Well Name.
12-5-71	Application to Abandon a Well or Suspend Drilling. Application to Alter Condition of a Well. Well History Supplement.
29-3-71	Well Completion Data. Work-over Report No.
	Application to Commingle Production before Measurement.
	Date for Back Pressure Test on Natural Gas Wells - Monograph 7 Method.
	Date for Back Pressure Test on Natural Gas Wells - Vittor's Method.
	M.P.R. - Oil - Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Card.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report Logs. Large scale..... Small scale.....



File No.
Drilling Authority No. 474

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION



Application to Abandon a Well on ~~Sussex~~

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 Atkinson Union Island River C-42
Location: Unit G Section 42 Grid 60 20'N 121 00'W.
Latitude 60 11'20" Longitude 121 08' 03"
From Established Reference Marker
Universal Well Location Reference Lat. 60.18889 N. 121.13472 W.
Permit No. Lease No. 350-68

APCO & Union
(Permitter, Lessee, Licensee)

Date of commencement of proposed program Jan. 19/71

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at 6770'
Gas at 7240'
Water at 7240'
Total Depth 7212'
Present condition of well

Date of last operations Jan. 20, 71

CASING RECORD

Casing Size O.D. inches	Weight	Amount	Set At	Barrel of Cement and Additives	Amount Pulled
1. 9 5/8"	369	19 lbs.	474	510 lbs. + 28 Cmc1.	
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	7300-7125	Prodev. ss.	150	
2	6840-6700	Slave Pt.	114	
3	800-700		74	28 Cmc1.
4	plug at surface			

The following logs have been run DIL, SWNP, GRS, PD, Dipmeter
Other operations proposed.

Operations to be carried out by Regent Drilling Contractor Licence No. 740
Address Calgary Address
Responsible Agent in field Bland M. Woofler
Dated at Calgary, this 11 Day of May 19 71
Signed by Bland M. Woofler Company Atkinson Petroleum Ltd.
Title Chief Engineer Operator's Exploratory Licence No. 1788

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

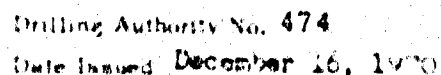
(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:
Confirming oral approval, including welding a plate on the top and
erecting a riser with identification marker, given by Mr. G. E. Hine
on the 19th January 1971.

Dated May 12, 19 71

G. E. Hine
Oil Conservation Engineer



WELL COMPLETION DATA

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

Printed by

Lease No. 350-68

Pan American & Union Oil

Exploratory Licence No. 1397 1393

Atkinson Petroleum Ltd.

Exploratory Licence No. 1798

Location Unit: C

Section 42

Grid 60°20' 121°00'

Latitude $60^{\circ}11'20''$

Longitude 121°08'05"

From Established Reference Marker 60.18882° 121.13472°

Universal Well Location Reference 309G426020121000

	DATE	DEPTH	Pool(s)
			Interval(s) open to production.
Spud/Red	Dec. 20/70	0	
Suspended			
Resumed Operations			
Finished Drilling	Jan. 17/71	7912'	Driller
Deepened		7911'	SNP & FDC logs
		7909'	DIL & Elevation Gr. 2223' K.B. 2235'
Complete (gas well)			BHC-S Rig No. 3
Abandoned	Jan. 20		Drilling Contractor Regent Drilling
Rig released	Jan. 20		Contractor's Business Licence No. 740

CASING RECORDS

	Casing Size (Inches)	Grade	Weight	Amount	Net wt -	Series of Cement and Additives
1.	9 5/8"	NKK	36#	19 jts.	742'	510 sxs.
2.						
3.						
4.						
5.						
6.						

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depth	Sub-Sea	From	To	Rec.	From	To	Rec.
Kotcho	3500	1263						
Tetcho	4020	1783						
Jean Marie	5020	2783						
Sl. Pt.	6745	4508						
Dolomite	7230	4993						
PreDev. ss.	7358	5121						

LOG RECORD

Run No.	Type of Log	From	To
1	Dual Ind.	742	7906'
	SWNP	6600	7908'
	BHC-S GR	742	7907'
	Form.Density	6600	7906'
	4 Arm Dipmeter	3210	7909'

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet Jet)				SERVICING RECORD (Acidizing, Pigging, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
Jan. 19	7300	7125	150 sxs. Felt @ 7080'								
	6840	6700	114 sxs. Felt @ 6650'								
	800	700	74 sxs. + 28 Caci. Felt @ 690'								
	Ran surface plug with 5 sacks cement, welded on plate and erected identification marker.										

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	L.F.B.H.P.	F.F.B.H.P.	L.H.P.	F.H.P.	REMARKS
1	Jan. 12	Sl. Pt.	6769	6813	60	60	120	688	3 5	215	96	3380	3272	GTS in 2 mins. TSTM. Rec. 180' gassy black sulphurous drilling fluid.
2	Jan. 12	Presquille	7240	7298	60	60	120	2724	2720	254	437	3630	3570	Rec. 186' drilling fluid and 24' gassy mid cut salt water.

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
C71-2780-3	water	7240	7298	DST #2	Sample rec. was black mud. Filtrate was colorless. Middle sample has H2S present.

PRESENT STATUS OF WELL

Oil	(Interval)
Dry	(Interval)
Susp.	

Company Atkinson Petroleum Ltd.

Signed by *Alan M. Clayton*

Title Chief Engineer

Date March 29, 1971

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



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 **Atkinson Union Island River G-42**

Location: Unit **G** Section **42** Grid **60°20' N 121°00' W**

Latitude **60°11' 20" N.**

Longitude **121° 00' 05" W.**

Unique Well Identifier **300GL20020121000**

Universal Well Location Reference

Lat. **60.1889° N.**

Long. **121.1347° W.**

Elevation Ground **2235'**

K.B. **2250'**

feet above sea level.

Well is expected to produce from

Slave Point

formation at a depth

of about **6700'**

feet.

Expected total final depth **7500'**

Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. **N/A**

Lease No. **350-68**

Acreage **1,591**

Permitter, licensee, or lessee

ABCOO + Union

Exploratory Licence No.

1397

1393

Surface owned by Crown or

CROWN

(If otherwise indicate name and address of owner and occupant.)

Petroleum and natural-gas rights owned by **Crown**

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

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Grade of Cement
1.9 5/8"	32.30	H-40	new	750'	450
2.7"	23	J55	new	6300'	150
3.					
4.					
5.					

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

Slave Point - gas

Presqu'ile - gas

Hydril Double gate BOP

Well will be drilled with Rotary Rig No. **3**

by **Regent Drilling Limited**

(Drilling Contractor or company)

Responsible agent of applicant:--

Contractor's Business Licence No.

740

At well **Bland M. Woofter**

At registered office **Bland M. Woofter**

Address **540 - 5th Ave. S.W.,**

Address **540 - 5th Ave. S.W.,**

Calgary

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

Dated at **Calgary**

this

day of **December**

1970

Signed by

Bland M. Woofter

Company **Atkinson Petroleum Ltd.**

Title **Chief Engineer**

Operator's Licence No.

1788

(For Oil and Mineral Division use only)

APPROVED

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

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, the latest reports

Dated **16th December**

1970

Please see over page

Oil Conservation Engineer

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

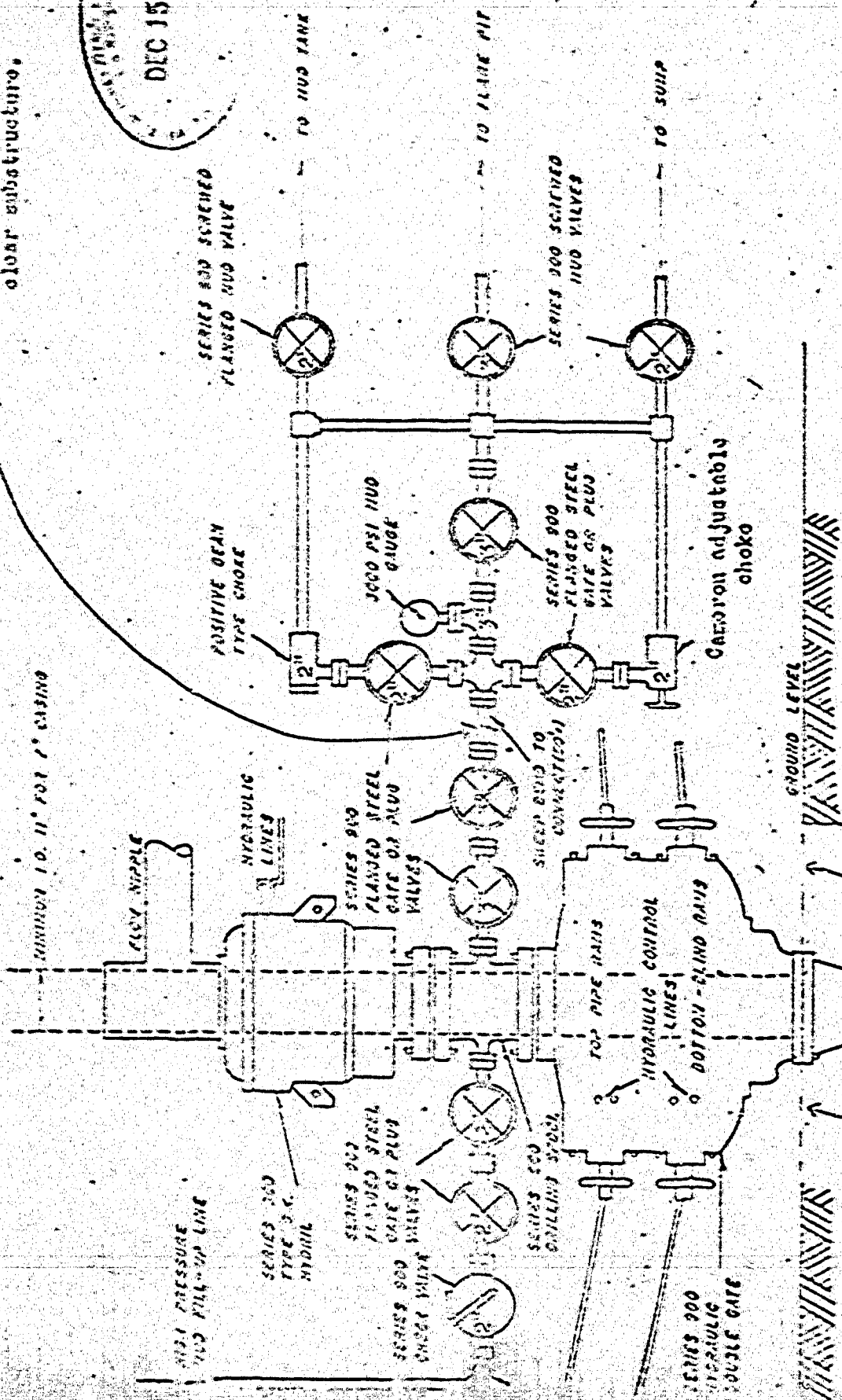
received by radio on the progress of the well.

3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.
4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
5. Any additional strings of casing are to receive the approval of the Oil Conservation Engineer prior to running.



B.H.J. Thoms, Oil Conservation Engineer

Note - Extension as required to clear substructure.



DEC 15 1970

RECENT DRILLING LIMITED
12012 - 125th AVENUE
EDMONTON, ALBERTA
11/11/70
EXTENDED SERVICE BLOWOUT
PREVENTOR MANIFOLD (EASIO)
MODIFICATIONS AS REQUIRED

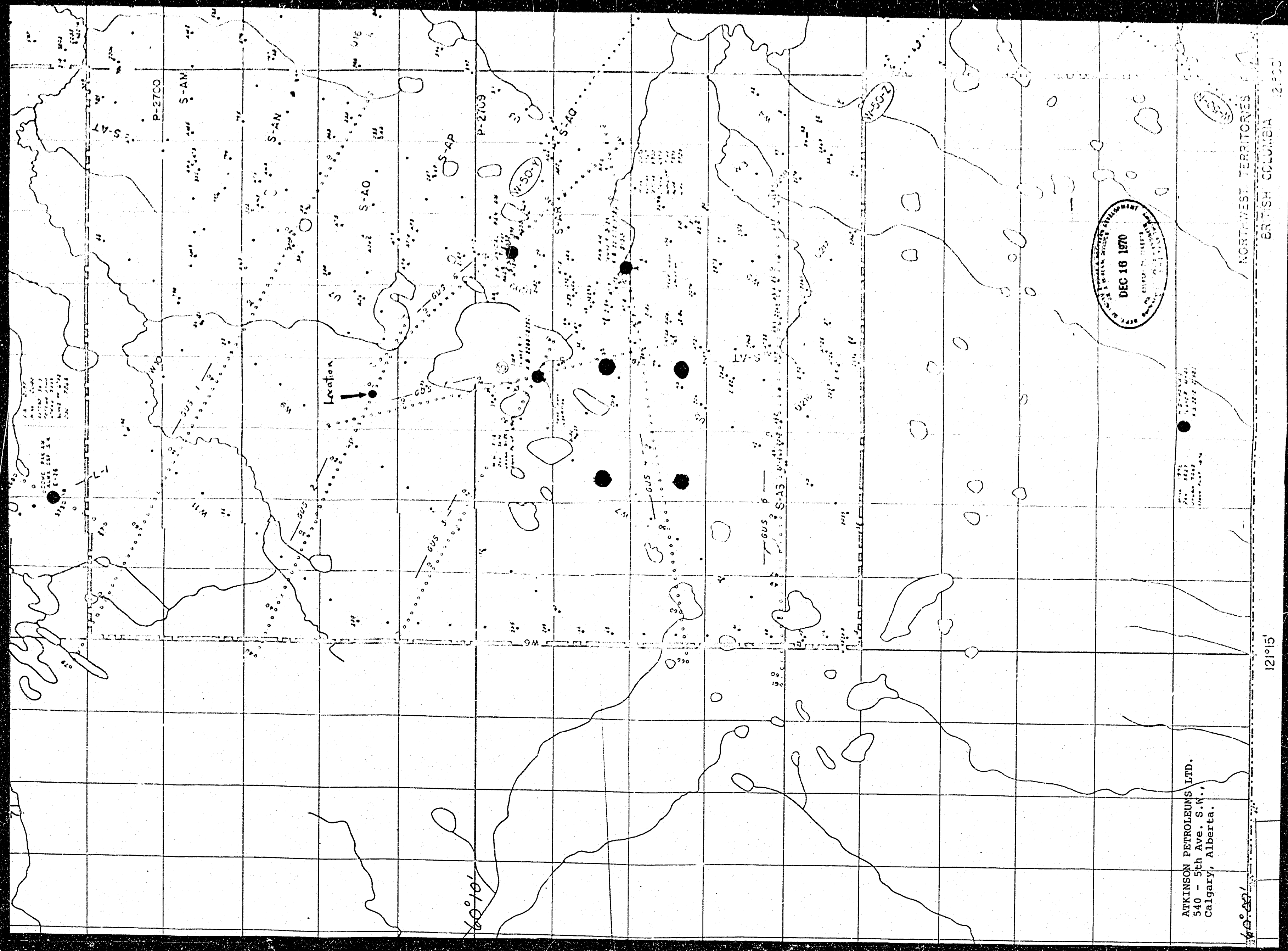
NOTE - ALL FITTINGS DOWN STREAM
OF CHOKES AND MAIN VALVE MAY
BE SCREWED IN FITTINGS.

ALL EQUIPMENT BELOW THIS LINE TO BE
PROVIDED BY THE OPERATOR UNLESS
OTHER SPECIFIC ARRANGEMENTS HAVE
BEEN MADE.

121°15'

○
○
○
○
○

1855	2225	1000
1856	2225	1000
1857	2225	1000
1858	2225	1000
1859	2225	1000
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1896	2225	1000
1897	2225	1000
1898	2225	1000
1899	2225	1000
1900	2225	1000



DRILLING AND COMPLETION PROGRAM (cont'd)

DRILLING AND CASING PROGRAM:

Surface Hole: Drill 12 1/2" hole to approximately 750' making sure that a good casing seat is established below the glacial drift. Set 9 5/8" casing.

Below surface casing: Drill 8 3/4" hole to the Slave Point expected at approximately 5200'. If porosity is encountered in the Slave Point drilling is to be continued very cautiously opening 10-15' of porosity. A Drillstem test of this interval will determine if 7" casing is to be set at this point and if casing is not set, drilling is to be continued with 8 3/4" bit through the Slave Point. Special care and attention is required when drilling into the Slave Point because of loss of circulation and blow out hazards. Constant checking of mud pit level is a requirement. Blowout equipment must be maintained in first-class operating condition at all times - special closing drills will be required to be sure of personnel proficiency in an emergency.

If 7" casing is set at the top of the Slave Point, the logging program detailed in run #1 below will be carried out before setting casing.

Below 7" casing: Drill with 6 1/2" bit as required for the program detailed below. Additional testing of porosity may be called for as drilling and coring results warrant.

CORING PROGRAM:

One 20-40' core of Slave Point porosity, if encountered. If coring time is fast the 40' core will be cut, if slow cut 20'.

LOGGING PROGRAM:

	Type	Interval	Scale
Run #1	Gamma Ray-sonic Induction log	Surface casing- Slave Point	2"
Run #2	Density	Slave Point-T.D.	2" & 5"
	Gamma Ray Sonic Induction log		
	* Sidewall Neutron	Slave Point-T.D.	5"

Notes:

Run #2 would be in 6 1/2" hole below 7" casing. If 7" casing is not run then all logging will be conducted after reaching final total depth.

* Optional depending upon type of Slave Point pay.

DRILLING AND COMPLETION PROGRAM (cont'd)

MUD PROGRAM: The detailed mud program supplied by the mud company is attached. This program should be thoroughly reviewed by the drilling contractor and the mud engineer to establish that all are in agreement with the various recommendations. General procedures will be as follows:

Surface: Drill conventionally, raise viscosity with addition of lime or caustic soda as required to clean hole. Surface hole will be drilled to a good casing seat below glacial drift.

Surface casing shoe to Fort Simpson: Drill with water.

Control weight in solids by diluting for maximum penetration.

Fort Simpson-Slave Point:

Maintain the solids in the 5% range. When drilling the Fort Simpson shale special care is required in the drilling with fresh water so as to avoid shale sloughing.

Mud Properties at Slave Point Depth:

It is essential that supervision and control properties be maintained when drilling into the Slave Point because of loss of circulation and blowout hazards. The mud weight should be 9.4 lbs./gal. viscosity 60-80 range; yield point equal or slightly higher than plastic viscosity; gel should be 0-20; Filtrate in the 10 cc range.

GEOLOGICAL:

Determination of Slave Point Casing Point

As indicated, a most crucial aspect from both a safety and cost stand point is to establish whether the Slave Point is porous and contains gas. A string of 7" casing may be run as a protective measure depending upon data obtained and evaluations made at Slave Point depth. The objective is to assure that the formation is porous and contains commercial gas before installing a string of casing. Otherwise the well will be drilled to total depth with only surface casing. Therefore the wellsite personnel must be extremely alert and aware of the step wise procedure required to accomplish the objective. If the Slave Point limestone is encountered high, the drilling should proceed slowly with samples being circulated frequently. Also drilling time must be kept under constant surveillance so that at the indication of a drilling break and the presence of porosity a decision can be reached with regard to testing or other evaluation procedures.

REPORTS AND MISCELLANEOUS

The Drilling contractor will be furnished instructions of APL's report requirements. Morning reports are to be transmitted through the contractors' office to APL's Calgary office. A geologist will be at the wellsite prior to reaching Slave Point depth.

DRILLING AND COMPLETION PROGRAM (cont'd)

CONTRACTOR: Regent Drilling Limited

SERVICES: Cementing - Halliburton
Logging - Schlumberger
Testing - Johnson
Mud - International Drilling Fluids

ATKINSON PETROLEUMS LTD.

DRILLING AND COMPLETION PROGRAM

Well: Atkinson et al Island River G-42

Location: 60 20' N 121 00' W. G-42 (Line GUS-2, SP #11)

K.B. (est) 2250'

GEOLOGICAL MARKERS

<u>Formation</u>	<u>Estimated Subsea</u>	<u>Depth</u>
Mississippian	2130'	-120
Kotcho	3500'	-1250
Tetcho	3960'	-1710
Utahn	4970'	-2720
Slave Point	6700'	-4450
Presqui'le	6750'	-4500
Chinchaga	7500'	-5300
T.D.	7500'	

SAMPLES:

Number of Bags: _____

Distribution: Oil Conservation Engineer 112 - 11th Ave. S.E. Calgary 21

Number of Cuts: _____

Distribution: _____

WELL HISTORY REPORT

ATKINSON UNION ISLAND RIVER G-42

803-11-4-4

N.W.T.

1971

903-11-4-4

WELL HISTORY REPORT

ATKINSON UNION ISLAND RIVER G-42

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Submitted By:

ATKINSON PETROLEUMS LTD.

Bland M. Woofter
Bland M. Woofter.
Chief Engineer.

February 15, 1971

WELL HISTORY REPORT

Well: Atkinson Union Island River G-42

Lessee: Pan American and Union Oil of Canada Ltd.

Operator: Atkinson Petroleum Ltd.,
540 - 5th Ave. S.W.,
Calgary, Alberta.

Location: G-42 60°20'; 121°00'
60°11'20" Lat. 121°08'05" Long.
Lat. 60.18889°N. 121.13472°W.
300G426020121000

Co-ordinates:
60°11'20" Lat. 121°08'05" Long.

Lease: Lease No. 350-68

Drilling Contractor:

Regent Drilling Ltd.,
Rotary Rig No. 3

Drilling Authority:

474
December 16, 1970

Classification:

Wildcat

Elevations:

K.B. 2235'
Ground 2223'

Spudded: December 20, 1970

Completed Drilling:

January 17, 1971

Total Depth:

7912' Driller; Logger: 7911' SNP & FDC
7909' DIL & BHC-S

Atkinson Union Island River C-42 (cont'd)

- 2 -

Well Status: Dry and Abandoned

Rig Release Date:

January 20, 1971

Hole Sizes:

12 1/4" hole 0 - 742'
8 3/4" hole 742-7912'

Casing:

Ran 19 jts. 36# 9 5/8" NKK - 1 centralizer
on bottom joint and one centralizer on 2nd
collar. Cemented with 510 sacks of Portland
cement plus 2% CaCl. - good cement returns.
Landed at 742'

GEOLOGICAL SUMMARY:

FORMATION TOPS:

<u>Sample</u>		<u>Log</u>
Kotcho	3508	3500
Tetcho	4025	4020
Jean Marie	5025	5020
Slave Pt.	6740	6745
Dolomite	7235	7230
PreDev.ss.	7363	7358

Atkinson Union Island River G-42 (cont'd)

- 3 -

Cored Intervals:

No cores cut.

Sample Description:

See Page - 4 -

GENERALIZED LITHOLOGIC DESCRIPTION

Atkinson Union Island Riv. r G-42

Top Slave Point to T.D.

- 6754-6790 Limestone, dark grey-white mottled, very fine grained, dense, non argillaceous, contains numerous veins and some vugs that are filled with white, medium coarsely crystalline, sub euhedral calcite. Traces of limestone, dark brown, very fine grained, dense, slightly sucrosic with irregular patches of more coarsely crystalline limestone. (patchy recrystalization not vugs).
- 6790-6800 Limestone, about equal amounts of grey and brown limestone as above.
- 6800-6880 Limestone predominantly dark brown (as above) with vugs and veins filled with white and clear calcite but with some vugs not completely filled! also a few traces of pinpoint porosity - still a considerable amount of grey mottled limestone (probably not all covings - hole in good shape)
- 6880-6990 Limestone predominantly dark brown (as above) with intermittent evidence of limited vuggy porosity and some pin point porosity. Traces of white chalky limestone.
- 6990-7080 Limestone predominantly brown (as above) increased evidence of minor and intermittent vuggy porosity, considerable increase in the amount of white chalky limestone, still a trace of grey mottled limestone.
- 7080-7140 Limestone, predominantly white, chalky with typical earthy porosity (ineffective) contains occasional pieces of coarse euhedral calcite (presumably vug linning) Very little brown limestone but still some grey limestone.
- 7140-7260 Limestone, almost exclusively white, chalky as above.

Top Presquile 7260'

- 7260-7280 Dolomite, white coarse - very coarsely crystalline, non argillaceous, sub euhedral, no evidence of bitumen, no direct evidence of vugs.
- 7280-7340 Dolomite (as above) but with increasing evidence of vugs and traces of bitumen.
- 7340-7510 Dolomite (as above) with abundant evidence of extensive vuggy porosity considerable bitumen at the base of the projecting crystals (ie at the periphery of the vugs). Fast and irregular rate of penetration through this interval.
- 7510-7590 Dolomite, dark brown fine - medium crystalline, dense, non argillaceous, but appears to carry numerous small floating quartz grains, occasional evidence of vuggy porosity. Appears to contain thin (interbedded) beds of dark brown silty limestone, and dark brown micro micaceous siltstone.
- 7590-7710 Dolomite, varies from finely crystalline to sucrosic, medium grey with some evidence of vuggy porosity and traces of intercrystalline porosity. Limestone and siltstone as above.
- 7710-7860 Predominantly limestone, dark grey - brown sucrosic, dense, non silty, non argillaceous, contains beds of light grey - green non calcareous shale - some dolomite as above.
- 7860-7896 Limestone as above with stringers of white to light grey dense anhydrite.
- 7896-7905 Sandstone, almost exclusively fine - medium well rounded, fairly well sorted quartz grains bound by a slightly calcareous white earthy matrix (rate of penetration 2'/hr.)
- 7905-7912 Sandstone, (as above) but slightly discolored
FTD grey and brown considerable recrystallization (1½'/hr.).

Atkinson Union Island River G-42 (cont'd)

ENGINEERING SUMMARY

DRILLSTEM TESTS:

DST #1

6769-6813

1st flow 7 mins. 2nd 60 mins.

ISI 60 mins. FSI 120 mins.

Strong Initial puff. GTS in 2 mins.

Flow decreasing to weak after 10 mins.

and continuing Too Small to Measure

throughout test.

Recovered: 180' gassy black sulphurous

mud. Filtrate salinity 55,000 PPM.

Preflow 215-181 Final Flow 86-115 psi

IHP 3380 FHP 3272

ISI 686 FSI 335

DST #2

7240-7298

1st flow 5 mins. 2nd flow 60 mins.

ISI 60 mins. FSI 120 mins.

GIP, GAB on 1st opening of tool.

On 2nd opening - weak air blow increasing

to good air blow throughout test.

Rec. 186' mud and 2454' gassy mud cut
salt water.

1st flow 254-477 2nd flow 437-1039

IHP 3630 FHP 3570

ISI 2724 FSI 2720

CASING REPORT

Ran 19 jts. 36# 9 5/8" NKK - 1 centralizer
on bottom joint and on centralizer on 2nd
collar. Cemented with 510 sacks of Portland
cement plus 2% Cacl. Landed at 742'.

Atkinson Union Island River G-42 (cont'd)

BIT RECORD

Bit #1	
XIG 751' in 13½ hrs.	8 3/4"
Bit #2	
XIG 542' in 18 hrs.	6½"
Bit #3	
XIG 734' in 28 3/4 hrs.	"
Bit #4	
XIG 571' in 32 hrs.	"
Bit #5	
XIG 579' in 29 3/4 hrs.	"
Bit #6	
XIG 405' in 29 3/4 hrs.	"
Bit #7	
XIG 710' in 35 3/4 hrs.	"
Bit #8	
ODV 242' in 27 hrs.	"
Bit #9	
XDV 362' in 37½ hrs.	"
Bit #10	
XDV 182' in 16½ hrs.	"
Bit #11	
X7 297' in 22 hrs.	"

DEVIATION RECORD

1550' - ½	5380' - 1 3/4
2660' - 1/8	5395' - 1 2/3
2360' - ½	5533' - 1 1/8
2660' - 1/8	5660' - 3/4
2760' - ½	5760' - 7/8
3010' - 7/8	5802' - 1
3260' - ½	5920' - 1 3/4
3513' - 3/4	6010' - 1 7/8
3727' - ½	6196' - 1½
3925' - ½	6320' - 1 7/8
3950' - 1	6445' - 2
4070' - ½	6502' - 2½
4245' - 1	6570' - 2
4345' - ½	6670' - 3
4540' - 2/3	6754' - 2½
4750' - 1½	7299' - 2
4820' - 2	
4880' - 1 7/8	
4940' - 1 3/4	
5040' - 1½	

[illegible]

THE UNIVERSITY OF CHICAGO

...and the

1990

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
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 50. *Chlorophyll ax* (Chl *ax*)
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 79. *Chlorophyll azz* (Chl *azz*)
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 93. *Chlorophyll anz* (Chl *anz*)
 94. *Chlorophyll aoz* (Chl *aoz*)
 95. *Chlorophyll apz* (Chl *apz*)
 96. *Chlorophyll aqz* (Chl *aqz*)
 97. *Chlorophyll arz* (Chl *arz*)
 98. *Chlorophyll asz* (Chl *asz*)
 99. *Chlorophyll atz* (Chl *atz*)
 100. *Chlorophyll auz* (Chl *auz*)
 101. *Chlorophyll avz* (Chl *avz*)
 102. *Chlorophyll awz* (Chl *awz*)
 103. *Chlorophyll axz* (Chl *axz*)
 104. *Chlorophyll ayz* (Chl *ayz*)
 105. *Chlorophyll ayz* (Chl *ayz*)
 106. *Chlorophyll azz* (Chl *azz*)
 107. *Chlorophyll azaa* (Chl *aza*)
 108. *Chlorophyll abz* (Chl *abz*)
 109. *Chlorophyll acz* (Chl *acz*)
 110. *Chlorophyll adz* (Chl *adz*)
 111. *Chlorophyll aez* (Chl *aez*)
 112. *Chlorophyll afz* (Chl *afz*)
 113. *Chlorophyll agz* (Chl *agz*)
 114. *Chlorophyll ahz* (Chl *ahz*)
 115. *Chlorophyll aiz* (Chl *aiz*)
 116. *Chlorophyll ajz* (Chl *ajz*)
 117. *Chlorophyll akz* (Chl *akz*)
 118. *Chlorophyll alz* (Chl *alz*)
 119. *Chlorophyll amz* (Chl *amz*)
 120. *Chlorophyll anz* (Chl *anz*)
 121. *Chlorophyll aoz* (Chl *aoz*)
 122. *Chlorophyll apz* (Chl *apz*)
 123. *Chlorophyll aqz* (Chl *aqz*)
 124. *Chlorophyll arz* (Chl *arz*)
 125. *Chlorophyll asz* (Chl *asz*)
 126. *Chlorophyll atz* (Chl *atz*)
 127. *Chlorophyll auz* (Chl *auz*)
 128. *Chlorophyll avz* (Chl *avz*)
 129. *Chlorophyll awz* (Chl *awz*)
 130. *Chlorophyll axz* (Chl *axz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

CONFIDENTIAL

11-11-68

Calceolaria

Chlorophyll

DATE	1981-08-15	TOTAL LBS	1000	TOTAL WAGE	3190	DAY	15	CO	
TIME	12:00	COT/DAY WAGE		TOTAL	1000	DAY	15	CO	
		COT/DAY WAGE		COT TO DATE	12675	DAY	15	CO	
				+ 0%	1881	DAY	15	CO	
				TOTAL LBS MATERIAL	10367	DAY	15	CO	
				DAYAGE	355	DAY	15	CO	

1000 LBS provided on 10/15/81
1000 LBS provided on 10/15/81

TOTAL MUD MATERIAL 146675

DRAYAGE

FOUR

IN CHARGE - SEASON ARE CURRENTLY

Atkinson Union Island River C-42

ABANDONMENT PLUGS

Plug #1
7100-7125' 150 exs. felt at 7080'
Plug #2
6840-6700' - 114 exs. felt at 6650'
Plug #3
800-700' - 74 exs. + 24 Caci. Felt at 690'
Plug #4
5 exs plug at surface - welded on surface plate.

LOST CIRCULATION ZONES

None

REPORT OF BLOWOUTS

None

SECTION IV

	<u>Logs</u>	<u>Date</u>	<u>Interval</u>
	Dual Induction Lateral Log	Jan. 17/71	742-7906'
	Sidewall Neutron Porosity	Jan. 18/71	6600-7908'
BHC -	Gamma Ray Sonic Caliper	Jan. 16/71	742-7907'
	Formation Density	Jan. 18/71	6600-7906'
	4 arm continuous Dipmeter	Jan. 18/71	3210-7909'

SECTION V

Analysis - Water

Sampled from: Top of Tool
The sample as received was a black mud.
The filtrate was colorless. The middle
sample (a water) had H₂S present.
(sample analysis attached).

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. C71-2780-3

Received: Jan. 27, 1971 Reported: Feb. 4, 1971

Well: Location: Atkinson Union Island River G-42

Operator: ATKINSON PETROLEUMS LTD.

Field or Area:

Elev.: K.B.

Grid.

Zone/formation: Presqu'île

Sample Interval 7240' - 7295'

Method of Production: D.S.T. #2

Sampled from: Top of tool

Sampled by: M. Smedelle

Date Jan. 10, 1971

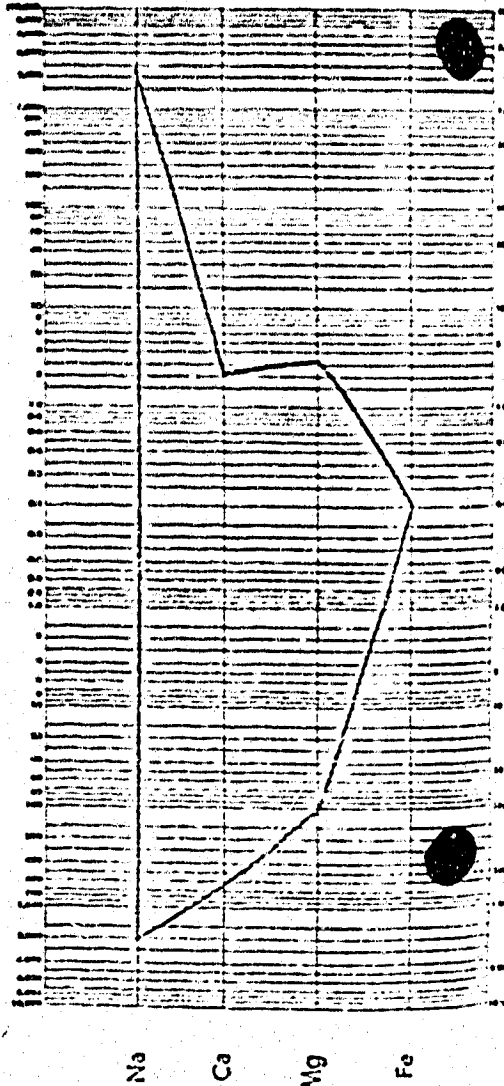
OTHER PERTINENT DATA Recovered 2640'

(Signed)

	Na	K	Ca	Mg			SO ₄	Cl		CO ₂	HCO ₃	
Mg./L	47,500		13,500	1400			160	101,000			130	
meq./L	2064.93		673.65	115.08			3.33	2848.20			2.13	
meq. %	36.18		11.80	2.02			0.06	49.90			0.04	

Total Solids Mg/L: By Evaporation 170,000 Fe Much Specific Gravity 1.114 @ 60°F Observed pH 6.0 @ 75 °F
 Calculated 163,690 After Ignition 157,540 H₂S Nil Refractive Index 1.3615 @ 25°C Resistivity 0.061 ohm-meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

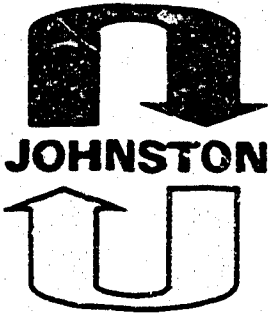
The sample as received was a black mud. The filtrate was colorless. The middle sample (a water) had H₂S present.

C71-2780-1: Sampled from top.
 RESISTIVITY: 0.13 Ohm-Meters @ 68°F.

C71-2780-2: Sampled from middle.

RESISTIVITY: 0.061 Ohm-Meters @ 68°F.

TECHNICAL REPORT

**JOHNSTON**



JOHNSTON TESTERS

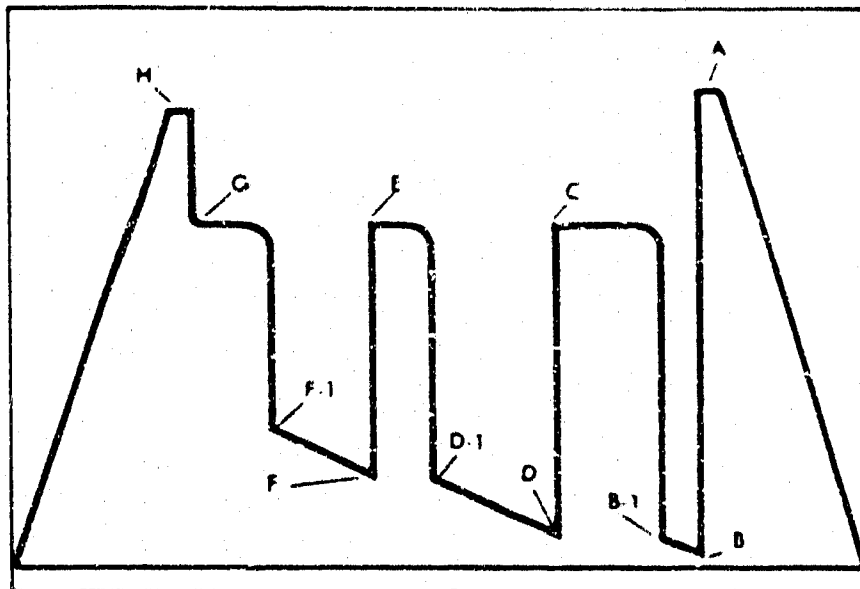
120 SOUTH ALBERTA ST. CALGARY 24 ALBERTA CAN. T2N 1S1

A DIVISION OF THE SOUTHERN OIL & GAS CO.

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.
D 04591

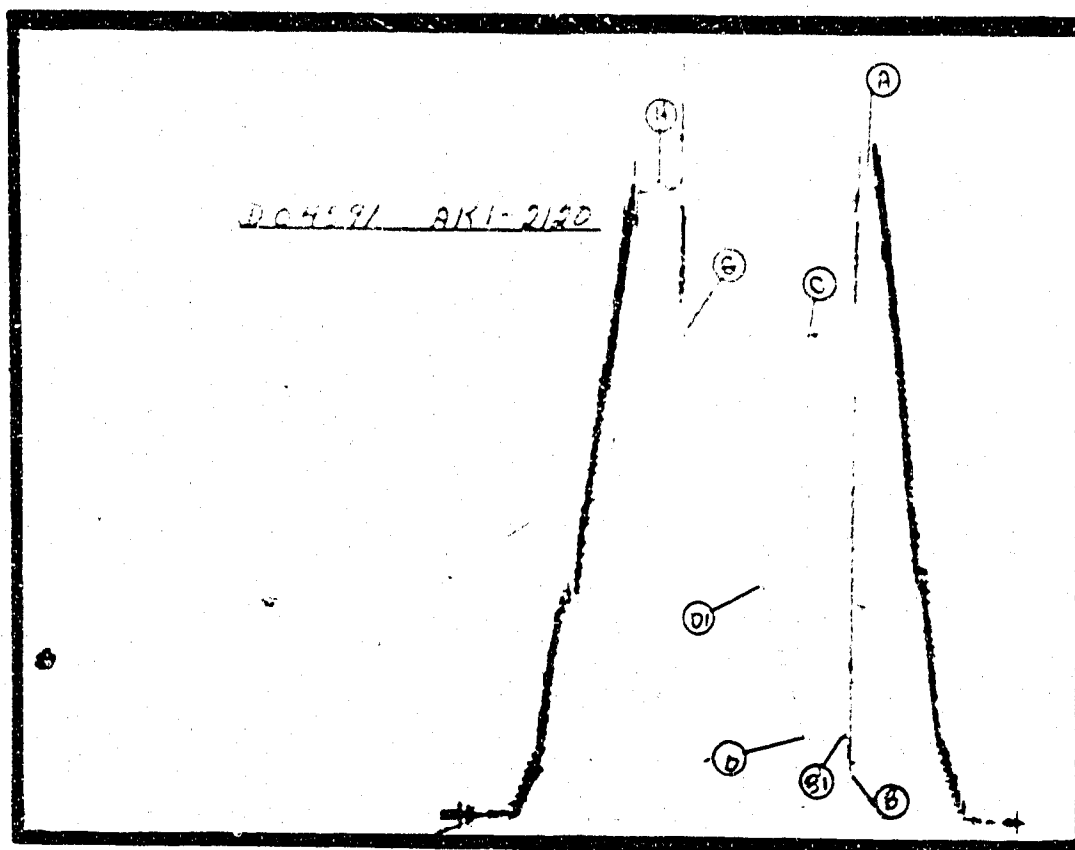
RECORDS NO.
AKI-2120



- A Initial Hyd. Mud
- B First Flow
- C Initial Shut-In
- D Second Flow
- E Second Shut-In
- F Third Flow
- G Final Shut-In
- H Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.





JOHNSTON TESTERS

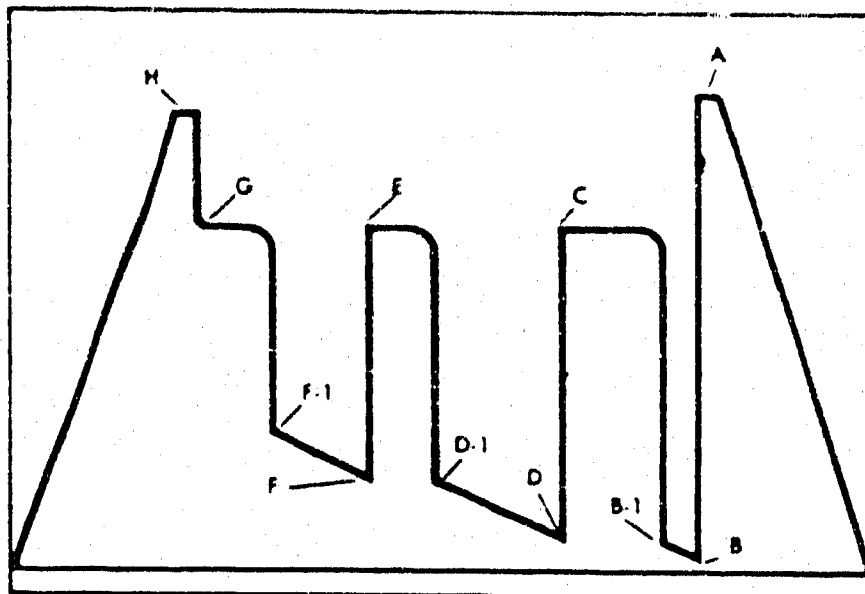
121 SOUTH AVENUE, S.E., ALBANY, GA., 31707, U.S.A.

A DIVISION OF THE JOHNSTON COMPANY, LIMITED

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.
D 04591

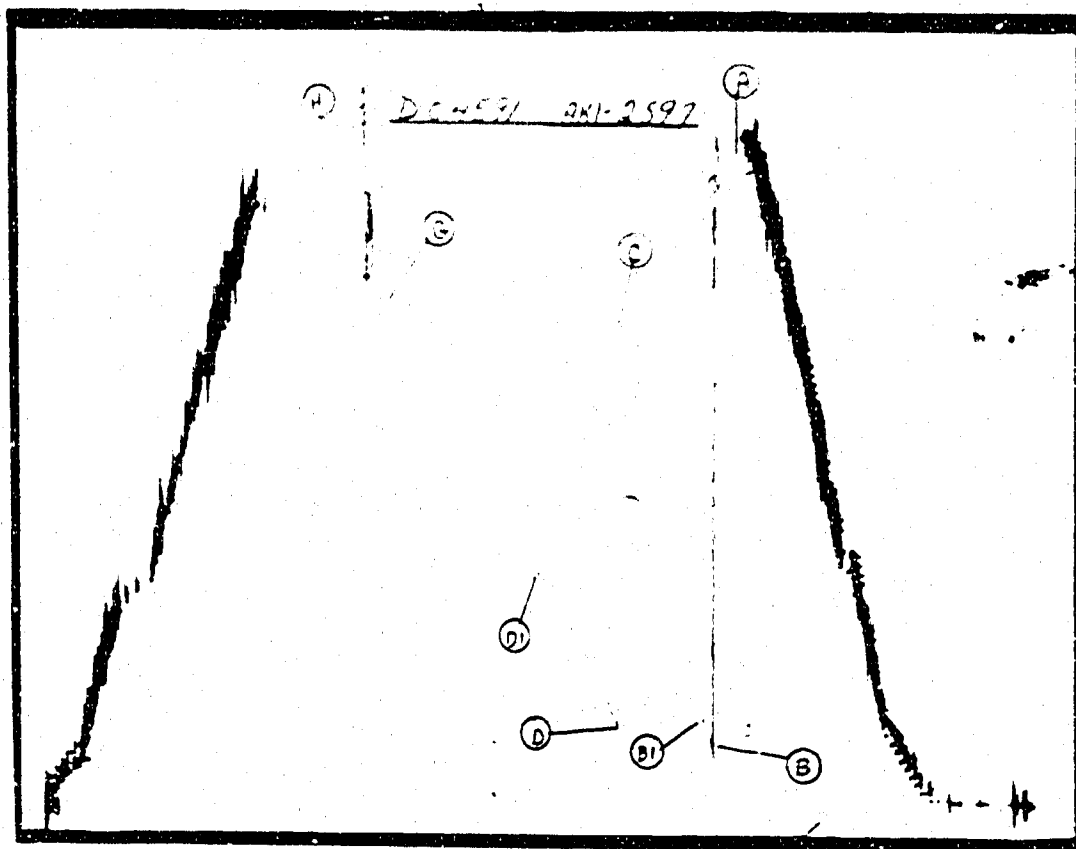
RECORDED NO.
AKI-2597



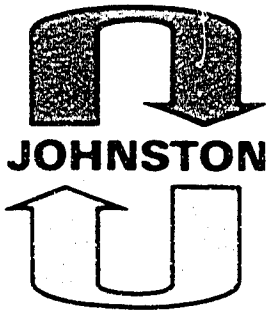
- A Initial Hyd. Mux¹
- B First Flow
- C Initial Shut-In
- D Second Flow
- E Second Shut-In
- F Third Flow
- G Final Shut-In
- H Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.



TECHNICAL REPORT

The logo for Johnston is positioned between the words 'REPORT' and 'ART'. It features a stylized 'J' with a downward-pointing arrow integrated into its upper curve and an upward-pointing arrow integrated into its lower curve. The word 'JOHNSTON' is printed in a bold, sans-serif font across the middle of the 'J'.



JOHNSTON TESTERS

TEST DATA

Formation **SLAVE POINT**
Interval **6769 6813 6813**
Type of Test **OPEN HOLE, BOTTOM HOLE**
Time Started in Hole **1520** Min. **1700**
First Flow **7** Min. **60**
Second Flow **60** Min. **120**
Third Flow **2124** Min. **0030**
Weight on Packer **50,000** # **50,000**
Description of Flow During Test **STRONG INITIAL PUFF WITH GAS TO SURFACE IN 2 MINUTES. DECREASING TO WEAK IN 10 MINUTES.**

TOOL SEQUENCE

	Length
P.O. SUB	1.25
O.P. SUB	.60
MFE TOOL	9.10
BYPASS TOOL	3.00
JARS	6.60
SAFETY JOINT	1.75
S.S. & PACKER	9.20 7 1/2"
T.C. & PACKER	5.20 7 1/2"
TOTAL	36.70
STUB	1.10
RECORDER	4.40
RECORDER	4.40
PERFS	34.00
B.N.	.60
TOTAL INTERVAL	44.50

FLUID RECOVERY Was Test Result Calculated Yes X
Total Fluid Recovered **180'**
Description of Fluid Recovered
180' GASSY, BLACK, SULPHUROUS DRILLING FLUID.

GAS BLOW MEASUREMENT

Measured With

Type of Instrument

Time

Steel Check Head

M. Cut Feet Day

T.S.T.M.

T.A. LENGTH 81.20

REMARKS **TEST SATISFACTORY.**
TOOL WAS CHASED 3 FEET DURING THE TEST PERIOD.

Elevation **2250 KB 2235 GL**Bottom Hole Choke Size **1/2"**Fluid Cushion Type **NIL** Amt

MUD AND HOLE DATA

Mud Type **GEL** WL **6.2**Filter Cake **2/32** Visc **158** Wt **9.4**Time Taken **1030 HRS.**Contractor **REGENT DRLS** Rig No. **3**Drill Pipe Size **4 1/2 XH**Drill Collar Size **2 7/8" ID** Length **506.74'**Main Hole Size **8 3/4"**

Rat Hole Size

RESISTIVITY

CHLORIDE CONTENT

Recovery Water **.02** % F **55,400** ppmMud Pit sample filtrate **.03** % F **40,000** ppmDistrict **FT. ST. JOHN** Ticket No. **D 04590**Date **JANUARY 6, 1971**Test No. **1**

J.T. No.

Company **ATKINSON PETROLEUMS LTD.**Address **540 - 5 AVE. S.W.**Well Name **ATKINSON ISLAND RIVER****CALGARY 1, ALBERTA**Number **#G-42-60° 11' 20N 121° 8' 5W**Field **ISLAND RIVER**Province **NORTH WEST TERRITORIES**Formation **SLAVE POINT**Co. Rep **R. STRONSMOE**and Interval **6769 - 6813 DST#1**Technician **M. SMADELLO**

Distribution of Reports

10 - CALGARY



JOHNSTON TESTERS

22 4th Ave. S. Room 1311 St. Paul, MN 55404 Tel: 651-224-2124

... ..

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JOHNSTON TESTERS

321 50TH AVENUE S.E. CALGARY 24 ALBERTA CAN. T2S 1T5

A DIVISION OF JOHNSTON INDUSTRIES LIMITED

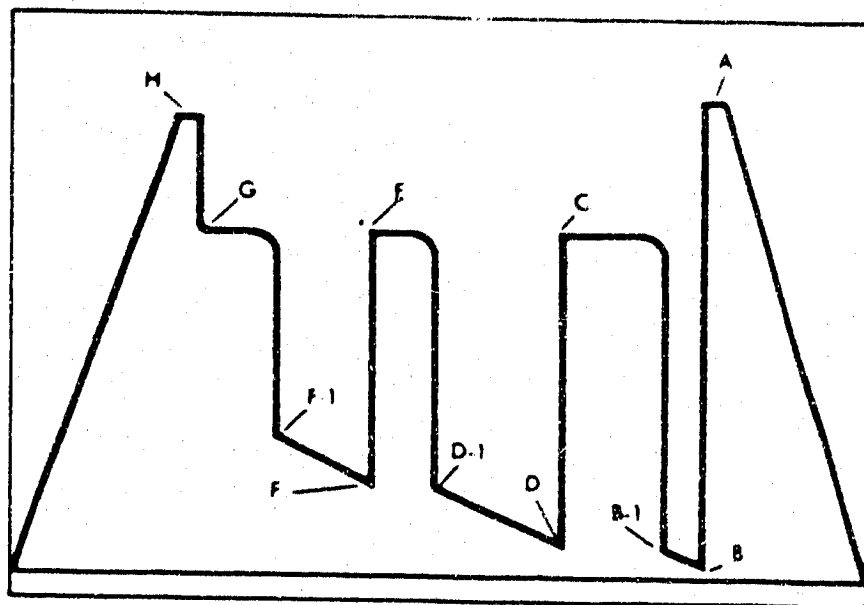
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

D 04590

RECORDED NO.

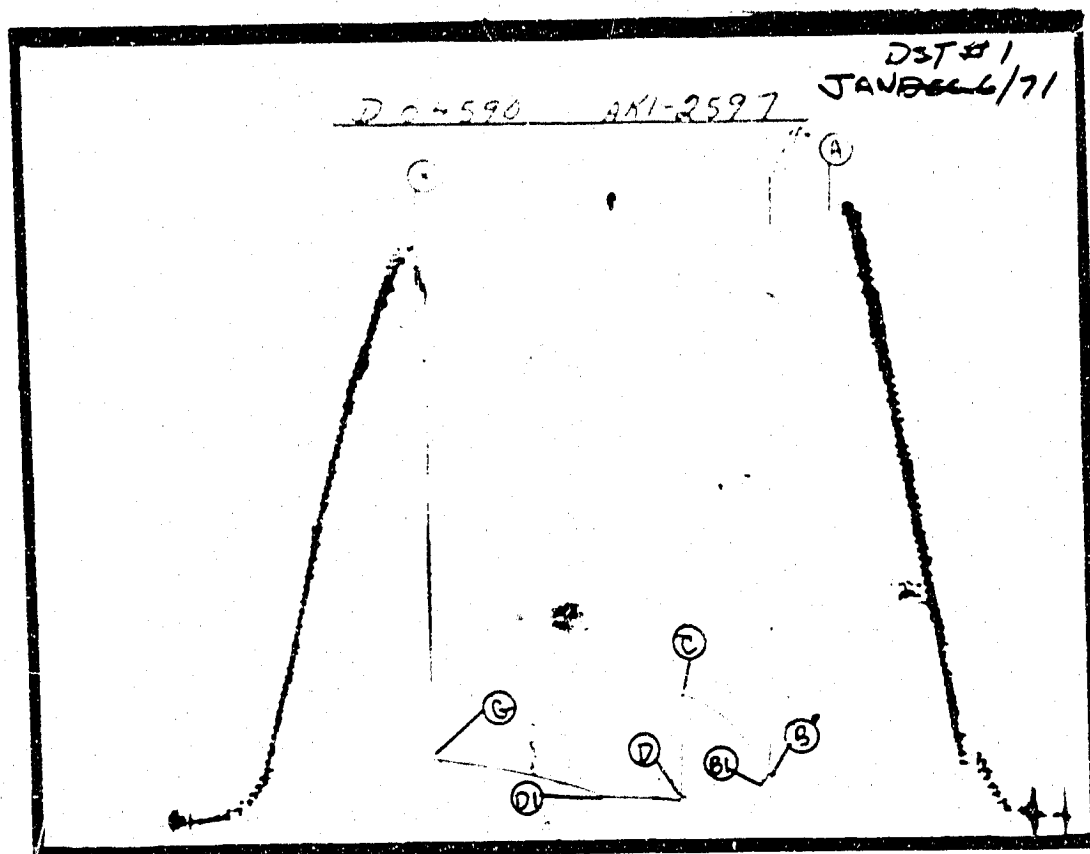
AK1-2597



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.





JOHNSTON TESTERS

121, 10TH AVENUE S.E. CALGARY, ALBERTA, CANADA T2S 1E1

A DIVISION OF JOHNSTON INDUSTRIES CANADA LIMITED

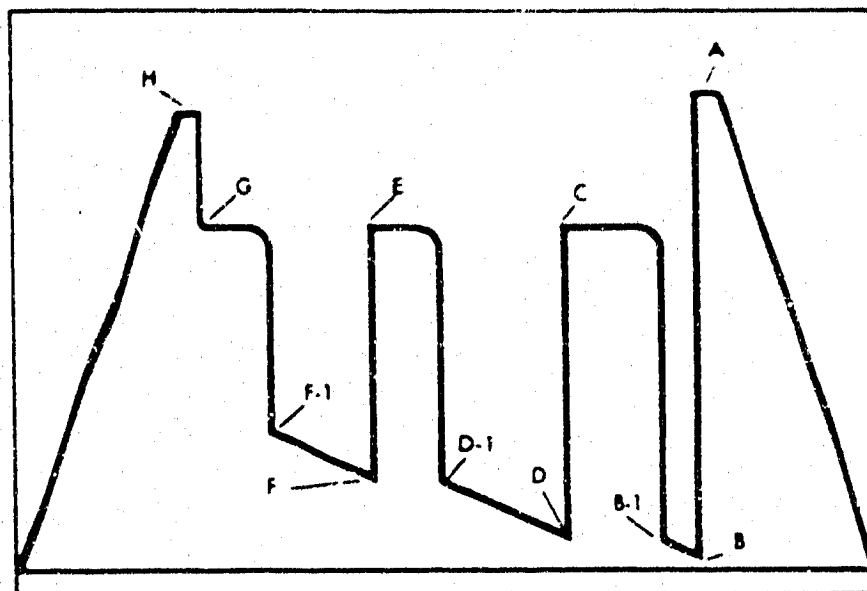
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

D 04590

RECORDER NO.

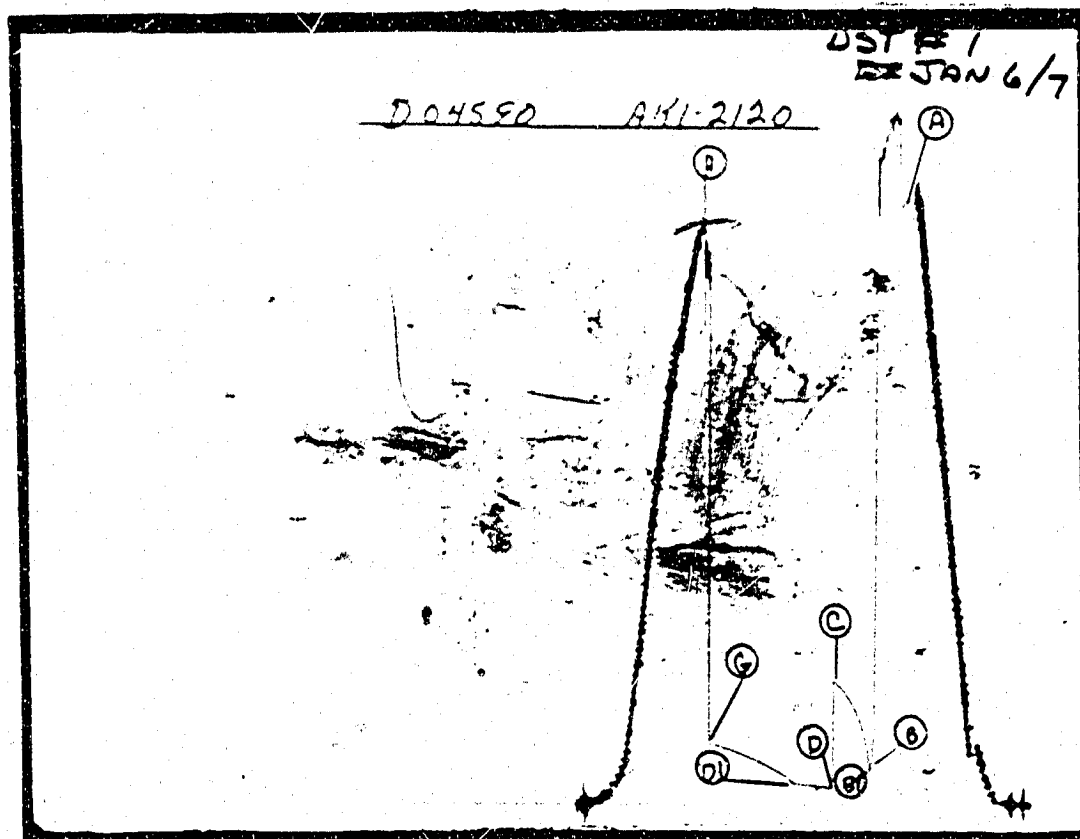
AKI-2120



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

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- Z - Special pressure points such as pumping pressures recorded for formation breakdown.



DAY WORK RECORD

TOOLPUSHER _____

APPROVED BY _____

DAY WORK RECORD

PUMPS

[illegible]

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 20-71 REPORT NO. 32

PUMPS		MANUFACTURER		TYPE	STROKE LENGTH
NO. 1	<u>Emulo 1500</u>	<u>16</u>			
NO. 2	<u>Wihwell 2142</u>	<u>14</u>			

DATE <u>Jan 20-71</u>		WELL NAME <u>ATKINSON ISLAND RIVER</u>		G-42	
RIG NO. <u>23</u>		LOCATION LSD.		SEC.	TWP.
RGE.					
EACH EMPLOYEE MUST SIGN THIS BOOK					
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS			
DRILLER	<u>G. Shepp</u>	<u>8/14</u>			
DERRICK	<u>H. Thomas</u>	<u>8/14</u>			
FLOOR	<u>C. Day</u>	<u>8</u>			
FLOOR	<u>J. Guter</u>	<u>8</u>			
FLOOR	<u>D. McLean</u>	<u>8/14</u>			
FIREMAN					
MECHANIC					
INJURIES					
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS			
DRILLER	<u>W. Ekstakon</u>	<u>10</u>			
DERRICK	<u>G. Sienkiewicz</u>	<u>10</u>			
FLOOR	<u>W. Eureka</u>	<u>10</u>			
FLOOR	<u>B. Blouin</u>	<u>10</u>			
FLOOR	<u>A. Day</u>	<u>10</u>			
FIREMAN					
MECHANIC					
INJURIES					
TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS			
DRILLER	<u>H. Bouchard</u>	<u>12</u>			
DERRICK	<u>F. Pote</u>	<u>12</u>			
FLOOR	<u>B. Day</u>	<u>12</u>			
FLOOR	<u>L. Deguerre</u>	<u>12</u>			
FLOOR	<u>D. Simoeson</u>	<u>12</u>			
FIREMAN					
MECHANIC					
INJURIES					

REMARKS		TIME		
START	STOP	INT	VAL	
Pull out To 800'		12 ⁰⁰	1 ¹⁵	1 ¹⁴
Run Plug #3		1 ¹⁵	1 ¹⁵	1 ¹²
Lay Down Pipe + WOC.		1 ⁴⁵	2 ⁰⁰	1 ⁰⁴
WOC.		2 ⁰⁰	2 ³⁰	1 ¹²
FEEL Plug #3 @ 690'		2 ³⁰	2 ⁴⁵	1 ¹⁴
Lay Down Pipe		2 ⁴⁵	2 ⁴⁵	1 ¹¹
Lay Down Kelly +		2 ⁴⁵	2 ⁴⁵	1 ¹¹
Mouse Hole. TEAR OUT				
BOP's CUT OFF CASING				
Bowl + CEMENT SURFACE				
PIPE w/ 5 SAG CEMENT				
Rig Released at 4:00 PM Jan 20/71				
TEAR OUT Rig +		12 ⁰⁰		
REPLACE LOW CHUTCH		12 ⁰⁰		12

TOOLPUSHER		APPROVED BY	
<u>J. H. H. H.</u>			

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE JAN 19-71 REPORT NO. 31

PUMPS			DATE <u>JAN 19-71</u>		WELL NAME <u>ATKINSON ISLAND RIVER</u>		RIG NO. <u>3</u>		LOCATION <u>LSD</u> SEC. <u>G-42</u> TWP. <u></u> RGE. <u></u>		REMARKS		TIME												
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	START	STOP	INT VAL	
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																									
DRILLER	G. SHEPPY	8																							
DERRICK	H. THOMAS	8																							
FLOOR	C. DAY	8																							
FLOOR	J. GUTAK	8																							
FLOOR	D. McHEAN	8																							
FIREMAN																									
MECHANIC																									
INJURIES																									
TOTAL			7300'																						
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS																									
DRILLER	W. HUSTON	8																							
DERRICK	P. SRIENKJAMON	8																							
FLOOR	W. EWOCH	8																							
FLOOR	B. BLONIA	8																							
FLOOR	A. DAY	8																							
FIREMAN																									
MECHANIC																									
INJURIES																									
TOTAL			7289.00'																						
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS																									
DRILLER	MITCH B. GYCH	8																							
DERRICK	F. COTE	8																							
FLOOR	B. DAY	8																							
FLOOR	L. DEGUIRE	8																							
FLOOR	D. SIMMONS	8																							
FIREMAN																									
MECHANIC																									
INJURIES																									
TOTAL																									

TOOLPUSHER

APPROVED BY

DAY WORK RECORD

DATE Jan 18-71 REPORT NO. 30

PUMPS										WELL NAME										DATE										REPORT NO.															
MANUFACTURER		TYPE		STROKE LENGTH		LAST CASING SIZE		LAST CASING SET AT		DATE		RIG NO.		LOCATION		LSD.		SEC.		TWP.		RGE.		DEGREES		REMARKS		TIME																	
NO. 1		FMSCO		1200		16		979		742		3		G-42																															
NO. 2		OILWELL		214		14		979		742		3		G-42																															
EACH EMPLOYEE MUST SIGN THIS BOOK		TOUR NO. 1		MIDNIGHT TO 8 A.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS		DEGREES		REMARKS		TIME			
DRILLER		G. S. SHEPPY		8				NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAMED TO		CONDITION			
DERRICK		H. THOMAS		8				76		STANDS				FT.																															
FLOOR		C. DAY		8				2		SINGLES		7195.07																																	
FLOOR		J. GUTER		8				23		D.C.'S		677.74																																	
FLOOR		D. McLEAN		8				2		SUB XO		6.38		FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS													
FIREMAN								1		SUB SHOCK		9.05		FT.		WEIGHT																													
MECHANIC										BIT OR C.B.		FT.		VISCOSITY																															
INJURIES										KELLY IN		23.76		FT.		PUMP NO. 1																													

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS				DATE		WELL NAME		LOCATION		DATE		REPORT NO.	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	DATE	WELL NAME	LOCATION	SEC.	TWP.	RGE.	DATE	REPORT NO.	
NO. 1 <i>EMSCO</i>	<i>D500</i>	<i>16</i>	<i>9 7/8</i>	<i>742</i>	<i>JAN 17-71</i>	<i>ATKINSON ISLAND RIVER</i>	<i>C-42</i>						
NO. 2 <i>EMSCO</i>	<i>214P</i>	<i>14</i>											
EACH EMPLOYEE MUST SIGN THIS BOOK				RIG NO. <i>3</i>		LOCATION		LSD.		SEC.		TWP.	
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS				FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT	
DRILLER <i>G. SHEPPY</i>													
DERRICK <i>H. THOMAS</i>													
FLOOR <i>C. Day</i>													
FLOOR <i>J. GUTER</i>													
FLOOR <i>D. McHEAN</i>													
FIREMAN													
MECHANIC													
INJURIES													
TOTAL <i>7912</i>													
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS				FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT	
DRILLER <i>W. Huston</i>													
DERRICK <i>P. Sweeney</i>													
FLOOR <i>W. Ewack</i>													
FLOOR <i>B. Blain</i>													
FLOOR <i>A. Day</i>													
FIREMAN													
MECHANIC													
INJURIES													
TOTAL <i>7912.08</i>													
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS				FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT	
DRILLER <i>Mitch R. Gephart</i>													
DERRICK <i>F. COTE</i>													
FLOOR <i>B. Day</i>													
FLOOR <i>L. DEGUIRE</i>													
FLOOR <i>D. Simantov</i>													
FIREMAN													
MECHANIC													
INJURIES													
TOTAL <i>7912.00</i>													
DRILL PIPE SIZE <i>5</i>				TYPE <i>X-H</i>		TOTAL NO. OF JOINTS <i>261</i>		DATE LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED		TOTAL FOOTAGE DRILLED <i>45975</i>	
B.O.P.'S TESTED				ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.		TOOLPUSHER <i>J. H. H. H.</i>	
												APPROVED BY	

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

DATE JAN 16-71

WELL NAME ARKINSON ISLAND RIVER

DATE JAN 16-71 REPORT NO. 28

RIG NO. 3

LOCATION LS.D. SEC. 42 TWP. 42 RGE. 42

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS		STROKE LENGTH		LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		LOCATION		SEC.		TWP.		RGE.		REMARKS		TIME																							
MANUFACTURER	TYPE	STROKE LENGTH	NO. 1	NO. 2	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	START	STOP	INT VAL																					
FMSCO	D500	16	14	14	434	742	7912	175	9-6 1/4	55	1	8	3340	410	2920	3547	JAN 14						1200	1230	1/2																				
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																																													
DRILLER	G. SHEPPY	8			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION																							
DERRICK	H. THOMAS	8			216	STANDS		FT.																																					
FLOOR	C. DAY	8			2	SINGLES		7195.07																																					
FLOOR	J. GUTER	8			23	D.C.'S		677.74																																					
FLOOR	D. McLEAN	8			2	SUB	XO	6.38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS																											
FIREMAN					1	SUB	SHOCK	9.05	FT.	WEIGHT	9.0	9.2	9.2		10.2	7.32	11.0	Top Tank Full																											
MECHANIC						BIT OR C.B.		FT.	VISCOSITY	175	200	175						ADDITIVES																											
INJURIES						KELLY IN	23.76	FT.	R.P.M. PUMP NO. 1	160	600	600						Bottom Tank 2' 1"																											
TOTAL																							7912.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2																	
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS																																													
DRILLER	W. Gustafson	8			7912			7912						8	3340	46	2920	3547	JAN 14																										
DERRICK	P. Sorenliansen	8				STANDS		FT.																																					
FLOOR	W. Ewack	8				SINGLES		FT.																																					
FLOOR	B. Blouin	8				D.C.'S		FT.																																					
FLOOR	A. Day	8				SUB		FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS																												
FIREMAN						SUB		FT.	WEIGHT									Replace sleeve & Head																											
MECHANIC						BIT OR C.B.		FT.	VISCOSITY									4 1/2 inch side 10500																											
INJURIES						KELLY IN		FT.	R.P.M. PUMP NO. 1																																				
TOTAL																																													
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS																																													
DRILLER	MITCH BAYCHUK	8			7912			7912						8	3340	46	2920	3547	1-14-71																										
DERRICK	F. COTE	8				STANDS		FT.																																					
FLOOR	B. DAY	8				SINGLES		FT.																																					
FLOOR	L. DEQUIRE	8				D.C.'S		FT.																																					
FLOOR	D. SIMONSON	8				SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS																												
FIREMAN						SUB		FT.	WEIGHT									Mud Pump 1000																											
MECHANIC						BIT OR C.B.		FT.	VISCOSITY									ADDITIVES																											
INJURIES						KELLY IN	23.76	FT.	R.P.M. PUMP NO. 1																																				
TOTAL																							7912.00	FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE																		
DRILL PIPE SIZE	4 1/2	TYPE	XH	TOTAL NO. OF JOINTS	261	DATE LAST SONO SCOPED		FOOTAGE DRILLED SINCE LAST SONO SCOPED		TOTAL FOOTAGE DRILLED	45945	LAST CALIPER DATE		RESULTS.		CODE LETTER OF STRING		TOOLPUSHER						APPROVED BY																					
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.																																					

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE JAN 15-71 REPORT NO. 27

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <u>FUSCO</u>	<u>D500</u>	<u>16</u>
NO. 2 <u>OWELL</u>	<u>214P</u>	<u>14</u>

LAST CASING SIZE	LAST CASING SET AT
<u>7 7/8</u>	<u>742</u>

DATE JAN 15-71

WELL NAME ARINSON ISLAND RIVER
G-42

RIG NO. 3 LOCATION LSD. _____ SEC. _____ TWP. _____ RGE. _____

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <u>G. SHEPPY</u>	8
DERRICK <u>H. THOMAS</u>	8
FLOOR <u>C. DAY</u>	8
FLOOR <u>J. GUTER</u>	8
FLOOR <u>D. McHEAN</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES				
7885	19	7904	6 1/2	175	19-6 1/4	55		2	2920	410	2920	3547	JAN 14							
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION			
16	STANDS		FT.	14	2 3/4	1-12	27406	WD7	45	55	2760	7904	44	11 3/4			K.S.M. 4-1			
2	SINGLES		7195.07																	
23	D.C.'S		677.74	FT.																
2	SUB XO		6.38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB SHOCK		9.05	FT.	WEIGHT	9.2	9.2	9.2	9.2			10.5	Top Tank 6'							
	BIT OR C.B.		FT.	VISCOSITY	ANHYDRITE CONTAMINATED					ADDITIVES CMC - 50#			Bottom Tank 6"							
			FT.	PUMP PRESSURE	1800/1600/1600/1600					CAUSTIC - 200										
	KELLY IN		15.70	FT.	R.P.M. PUMP NO. 1	100 86.12 155 160					PELTEX - 200									
				R.P.M. PUMP NO. 2						CYPAN - 50#										
TOTAL	7904		FT.	PUMP NO. 1 LINER SIZE	5 1/2					PUMP NO. 2 LINER SIZE 5 1/2										

REMARKS	START	STOP	INT VAL
DRILL + TRIP	12:00	1:30	1 1/2
Circ SAMPLE	1:30	7:30	1
TRIP	7:30	8:00	1/2

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER <u>W. Gustafson</u>	8
DERRICK <u>P. Swinbjornson</u>	8
FLOOR <u>W. Ewald</u>	8
FLOOR <u>B. Blom</u>	8
FLOOR <u>A. Day</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
7904	0	7904		175	4 1/2	5500	1	8	3130	46	2920	3547	Jan 14				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT ION
76	STANDS	FT.	15	8 3/4	2-13 1-14	23329	WD7				7904	NEW.					
2	SINGLES		7195.07														
23	D.C.'S		677.74														
2	SUB	XO	6.38	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	Shock	9.05	WEIGHT													
	BIT OR C.B.	FT.	VISCOSITY						ADDITIVES								
		FT.	PUMP PRESSURE														
	KELCY IN	15.07	R.P.M. PUMP NO.1														
			R.P.M. PUMP NO.2														
TOTAL	7903.24	ET.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE													

REMARKS	START	STOP	INT VAL
TRIP	8:00	8:00	0
circ contaminated	8:00		
mud + Drill	4:00		1

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER <u>Mitch Boychuk</u>	8
DERRICK <u>F. Cote</u>	8
FLOOR <u>B. Day</u>	8
FLOOR <u>L. DEGUIRE</u>	8
FLOOR <u>D. J. JENSEN</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	SURVEYS	DEGREE		
7904	8	7912	5	175	19-6 1/4	55	8	3130	46	2920	3547	1-14-71					
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
76	STANDS		FT.	15	8 3/4	1-14	23329	WD7	40	55	7904	7912	8	5			
2	SINGLES	7195.07															
23	D.C.'S	677.74															
2	SUB	XO	6.38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS				
1	SUB	check	9.05	FT.	WEIGHT	9.3	9.2	9.2	9.2				Maurin Roman 11 hrs				
	BIT OR C.B.		FT.	VISCOSITY				265	ADDITIVES	PELTEX 250#							
			FT.	PUMP PRESSURE	1350	1450	1400	1350	SCDA ASH 500#								
	KELLY IN	23.76	FT.	R.P.M. PUMP NO. 1	55	61	61	62	C.M.C 100#								
			FT.	R.P.M. PUMP NO. 2													
TOTAL		7912.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE		5 1/2									

REMARKS	START	STOP	INT VAL
Drill	14:00	9:00	5
Circ + Core Mud	9:00	12:00	3

DRILL PIPE SIZE <u>4 1/2</u>	TYPE <u>XH</u>	TOTAL NO. OF JOINTS <u>261</u>	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED <u>43975</u>	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE <u>OK</u>	RESULTS	TOTCO RING ON FIT NO. <u>15</u>				

TOOLPUSHER J. Hildner
APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
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NO. 1	EMCO	D500	16
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NO. 2	ORWELL	214 P	14
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EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER G. SHEPPY 8

DERRICK H. THOMAS 8

FLOOR C. DAY 8

FLOOR J. GUTER 8

FLOOR D. McHEAN 8

FIREMAN

MECHANIC

INJURIES

LAST CASING SIZE	LAST CASING SET AT
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7 3/4	742
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FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM
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7788	58	7846	7 3/4
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NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS
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776	STANDS		7132.82 FT.	13	8 3/4	2-13	27391	WD7	50	55	7710	7846	136	16
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	SINGLES		FT.											
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23	D.C.'S		677.74 FT.											
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2	SUB XO		6.38 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS		
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1	SUB SHOCK		9.05 FT.	WEIGHT	9.2	92	92	92		3/32	10	Top Tank Fall		
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	BIT OR C.B.		FT.	VISCOSITY	90	90	85	95	ADDITIVES CMC - 50#				Bottom Tank 1'3"	
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			FT.	PUMP PRESSURE	1350	1350	1300	1350	CAUSTIC - 50#				CHANGE HEAD RUBBERS	
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	KELLY IN		20.01 FT.	R.P.M. PUMP NO. 1	60	60	60	60	CYPAN - 50#				D:500 Q.F.W.S.	
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				R.P.M. PUMP NO. 2					GEL - 14.00#					
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TOTAL	7846	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2								
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DATE JAN 14-71

RIG NO. 53

WELL NAME ATKINSON - ISLAND RIVER

G-42

LOCATION LSD. SEC. TWP. RGE.

DATE JAN 14-71

REPORT NO. 260

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT VAL
DRILL	1200	130	1 1/2
RIG SER	130	145	1/4
DRILL	145	800	6 1/4

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER W. HUSTAKON 8

DERRICK P. SWENBJARNSEN 8

FLOOR W. EWACK 8

FLOOR B. BLUIN 8

FLOOR A. LAY 8

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM
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7846	14	7860	2 3/4
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NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS
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776	STANDS		7132.82 FT.	13	8 3/4	2-13	27391	WD7	50	55	7710	7860	150	18 3/4
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	SINGLES		FT.	14	8 3/4	2-13	27406	WD7	55	55	7860			New.
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23	D.C.'S		677.74 FT.											
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2	SUB XO		6.38 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS		
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1	SUB SHOCK		9.05 FT.	WEIGHT	9.2	9.3	T							
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	BIT OR C.B.		FT.	VISCOSITY	110	145	R		ADDITIVES					
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			FT.	PUMP PRESSURE	1350	1350			CAUSTIC					
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	KELLY IN		35.0 FT.	R.P.M. PUMP NO. 1	60	60		P						
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				R.P.M. PUMP NO. 2										
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TOTAL	7860.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2								
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DATE JAN 14-71

RIG NO. 53

WELL NAME ATKINSON - ISLAND RIVER

G-42

LOCATION LSD. SEC. TWP. RGE.

DATE JAN 14-71

REPORT NO. 260

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT VAL
DRILL	800	1045	2 3/4
N/C sample	1045	1130	3/4
Drop Survey	1130	1200	1/2
Pull out	1200	230	2 1/2
check Bops	230	245	1/4
Run in JLCs	245	315	1/2
Slip & cut Sulgline	315	1400	3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER Mitch Boychuk 8

DERRICK F. COTE 8

FLOOR B. DAY 8

FLOOR L. DEGUIRE 8

FLOOR D. SIMONSON 8

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM
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7860	25	7885	5 1/4
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NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS
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776	STANDS		7132.82 FT.	14	8 3/4	2-13	27466	WD7	55	55	7860	7885	25	5 1/4
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1	SINGLES		7165.46 FT.											
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23	D.C.'S		677.74 FT.											
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2	SUB XO		6.38 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS		
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1	SUB SHOCK		9.05 FT.	WEIGHT										
---	-----------	--	----------	--------	--	--	--	--	--	--	--	--	--	--

	BIT OR C.B.		FT.	VISCOSITY					ADDITIVES					
--	-------------	--	-----	-----------	--	--	--	--	-----------	--	--	--	--	--

			FT.	PUMP PRESSURE					GEL 200#				ANHYDRATE SINGERS	
--	--	--	-----	---------------	--	--	--	--	----------	--	--	--	-------------------	--

			FT.	PUMP PRESSURE					CMC 50#					
--	--	--	-----	---------------	--	--	--	--	---------	--	--	--	--	--

			FT.	PUMP PRESSURE					CYPAN 50#					
--	--	--	-----	---------------	--	--	--	--	-----------	--	--	--	--	--

	KELLY IN		28.37 FT.	R.P.M. PUMP NO. 1					SODA ASH 1000#					
--	----------	--	-----------	-------------------	--	--	--	--	----------------	--	--	--	--	--

				R.P.M. PUMP NO. 2					CAUSTIC 300#					
--	--	--	--	-------------------	--	--	--	--	--------------	--	--	--	--	--

TOTAL	7885.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2								
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DATE JAN 14-71

RIG NO. 53

WELL NAME ATKINSON - ISLAND RIVER

G-42

LOCATION LSD. SEC. TWP. RGE.

DATE JAN 14-71

REPORT NO. 260

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT VAL
Check Bop & Rig SER			
Lost Filter Hertz	400	415	1/4
Run in hole BIT 14"	415	615	2
BREAT CIRC & CLEAN TO BIT	615	145	5
DRILL	145	1200	5 1/4

DRILL PIPE SIZE 4 1/2

TYPE XH

TOTAL NO. OF JOINTS 261

DATE LAST SONOSCOPED

FOOTAGE DRILLED SINCE LAST SONOSCOPED

PRESSURE OK

TOTAL FOOTAGE DRILLED 45948

RESULTS

LAST CALIPER DATE

TOTCO RING ON BIT NO. 14

RESULTS

CODE LETTER OF STRING

TOOLPUSHER J. H. H. H.

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS										DATE <u>JAN 12-71</u> WELL NAME <u>ATKINSON ISLAND RIVER</u>										DATE <u>JAN 12-71</u> REPORT NO. <u>24</u>														
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>3</u>		LOCATION LSD.		SEC.		TWP.		RGE.		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.																	
TOUR NO. 1 MIDNIGHT TO 8 A.M.										TOUR NO. 2 8 A.M. TO 4 P.M.										TOUR NO. 3 4 P.M. TO MIDNIGHT														
DRILLER	DERRICK	FLOOR	FLOOR	FLOOR	FIREMAN	MECHANIC	INJURIES	TOTAL		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO. OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	START	STOP	INT. VAL.						
G. SHEPPY	H. THOMAS	C. DAY	J. GUTER	D. MCHEAN				7595	5 1/2	1536	59	7595	5 3/4	170	19-4 1/2	55	1	8	2490	46	1888	3639	JAN	7595	2 1/2	DRILL	1200	545	5 3/4					
										NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION							
										13	STANDS		11	2 3/4	1-13	28688	X7	50	55	7298	7595	277	22						8-8-1	6 1/2	8 1/2	1 3/4		
										23	D.C.S.																							
										2	SUB XO		6.38	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS												
										1	SHOCK		9.05	WEIGHT	93	9.3	9.3		6.2	3/32	10.5	SAFETY MEETING												
											BIT OR C.B.			VISCOSITY	79	91	9.5																	
														PUMP PRESSURE	1350	1350	1350																	
											KELLY IN		18.45	R.P.M.	60	60	60																	
														R.P.M.																				
														PUMP NO. 1																				
														R.P.M.																				
														PUMP NO. 2																				
														PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2																	
W. Gustafson	P. Swinleyson	W. Eivach	B. Blavin	A. Day				7607	5 1/2	7695	12	7607	1 1/2	174	19-6 1/2	55	8	2490	46	2490	3593	JAN 12	7595	2 1/2	Pull out.	800	930	1 1/2						
										NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION							
										12	STANDS		12	8 3/4	2-13	26447	WOR	50	55	7595	7607	12	1 1/2											
										1	SINGLES																							
										23	D.C.S.																							
										2	SUB XO		6.38	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS												
										1	SHOCK		9.05	WEIGHT																				
											BIT OR C.B.			VISCOSITY																				
														PUMP PRESSURE																				
											KELLY IN		31.00	R.P.M.																				
														R.P.M.																				
														PUMP NO. 1																				
														PUMP NO. 2																				
														PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE																		
Nitch Baychok	F. COTE	B. Day	L. Dequiere	D. Simonson				7654	5 1/2	7607	47	7654	8	174	19-6 1/2	55	8	2490	46	2490	3593	1-4-71			DRILL	1200	1200	8	8					
										NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION							
										12	STANDS		12	8 3/4	2-13	26447	WOR	50	55	7595	7654	59	9 1/2											
										1	SINGLES																							
										23	D.C.S.																							
										2	SUB XO		6.38	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS												
										1	SHOCK		9.05	WEIGHT	90	9.2	9.2	9.2	6.2	3/32	10.5	Two seals installed in												
											BIT OR C.B.			VISCOSITY	90	83	86	87																
														PUMP PRESSURE	1350	1300	1350	1350																
											KELLY IN		26.00	R.P.M.	60	61	61	61																
														R.P.M.																				
														PUMP NO. 1																				
														PUMP NO. 2																				
														PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2																	

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONO SCOPED	FOOTAGE DRILLED SINCE LAST SONO SCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
2 1/2	XH	261	DEC 68	45715	45715		OK	
B.O.P.S. TESTED		ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		
Ta Day				NIL	OK	12		

TOOLPUSHER J. Johnson

APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	1250	16
NO. 2 JAWELL	214P	14

LAST CASING SIZE	LAST CASING SET AT
9 3/4	742

DATE JAN 10-71

WELL NAME ATKINSON - ISLAND RIVER
G-42 60°-11'-20" - 121°-8'-05"

DATE JAN 10-71 REPORT NO. 22

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER G. SHEPPY 12

DERRICK H. THOMAS 12

FLOOR C. DAY 12

FLOOR J. GUTER 12

FLOOR D. McHEAN 12

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE		
7288	10	7298	3/4	165	19-6455	000	1	8	2097	46	1888	3639	JAN 9	77°	77°		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDI-ION
70	STANDS	6567.90	10	8 3/4	-	27520	X7	55	80	7116	7298	182	11/4				
	SINGLES	FT.															
23	D.C.'S	677.74	FT.														
2	SUB X0	6.38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH.	GENERAL REMARKS					
1	SUB X0	9.05	FT.	WEIGHT	9.3		93	93	6.4	432	9.5	Top Tank Full					
1	SUB X0	2.18	FT.	VISCOSITY	97		105	150	ADDITIVES			Bottom Tank 2'3"					
		FT.	PUMP PRESSURE	750		750	750	CMC HUIS - 154X									
	KELLY IN	39.25	FT.	R.P.M. PUMP NO.1	60		60	60	GEL - 2900#			CHANGE GLAND PACKING					
			R.P.M. PUMP NO.2						CAUSTIC - 50#			D500 - F.W. SIDE					
TOTAL		7298	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE		5 1/2									

REMARKS	START	STOP	INT VAL
RIG SER	1200	1215	1/4
DRILL	1215	100	3/4
CIRC	100	200	1
Dummy Trip 20 STDS	200	330	1 1/2
REAM 40' Full To Btm	330	530	2
CIRC	530	800	2 1/2

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER W. Gustafson 12

DERRICK P. Swinburnson 12

FLOOR W. Ewack 12

FLOOR B. Blawie 12

FLOOR A. Day 12

FIREMAN

MECHANIC

INJURIES

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	NO. OF MILES AT 3	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS		DEGREES
										1	8	2097	46	1888	3639	Jan 9				
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.		TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION	
69	STANDS	FT.	10	8 3/4		27520		X7	5		7116	7298	182	16 1/4					A-81	
1	SINGLES	6505.39 FT.																		
23	D.C.'S	677.74 FT.																		
2	SUB X0	6.38 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS									
1	SUB X0	3.00 FT.	WEIGHT																	
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES												
1	Tool	94.50 FT.	PUMP PRESSURE																	
1	Single	11.00 FT.	R.P.M. PUMP NO.1																	
			R.P.M. PUMP NO.2																	
TOTAL 7298			FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE													

REMARKS	START	STOP	INT VAL
Shut. Toted	800	815	1/4
Pull out	815	1115	3.
check shutoffs	1115		
Boys & Rig ser.		1200	3/4
Make up testing			
Tool	1200	200	2.
Run in	200	400	2.

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER

DERRICK

FLOOR

FLOOR

FLOOR

FIREMAN

MECHANIC

INJURIES

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS		DEGREE
										1	8	2285	46	188	3639	JAN 9			
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION	
	STANDS		FT.		5-12	28666	X7												
	SINGLES		FT.																
	D.C.'S		FT.																
	SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB		FT.	WEIGHT								RUN DST. #2 - 2298' - 72							
	BIT OR C.B.		FT.	VISCOSITY					ADDITIVES			PREFLOW - 5 MIN, I.S.I 60 MIN, U.D 60 MIN, F.S.I							
			FT.	PUMP PRESSURE								FAIR AIR BLOW ON PREFLOW, REMAINED LOW STA.							
	KELLY IN		FT.	R.P.M. PUMP NO. 1								ON VALVE OPEN, REC. 2700', 173,000 RPM							
				R.P.M. PUMP NO. 2								I.M. - 3643 F.F.P. - 1325							
TOTAL			FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE							I.F.P. - 350 F.S.I - 2707							
												I.S.P. - 2707 F.M. - 3549							

REMARKS	START	STOP	INT VAL
Rig up testing	400		
Heddy testing		915	5/4
THAW OUT AIR LINES	915	945	1/2
PULL OUT	945	12	2 1/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.

TOOLPUSHER J. Hulseband

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
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NO. 1 <i>Emson</i>	<i>2500</i>	<i>16</i>
NO. 2 <i>C. L. Well</i>	<i>2100</i>	<i>14</i>

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>Mich Boychuk</i>	<i>8</i>
DERRICK <i>F. C. T. F.</i>	<i>8</i>
FLOOR <i>B. Day</i>	<i>8</i>
FLOOR <i>H. Metke</i>	<i>8</i>
FLOOR <i>L. Dequire</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

LAST CASING SIZE	LAST CASING SET AT
------------------	--------------------

<i>9 5/8</i>	<i>742</i>
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DATE *Jan 9, 71*

RIG NO. *3*

WELL NAME *ATLANTIC COAST ET-PL Island River*

G-42 60° - 11° - 20° - 121° 8' 5"

LOCATION LSD. SEC. TWP. RGE.

DATE *Jan 9, 71*

REPORT NO. *21*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C. S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
7116	0			160000	19x6 3/4	55000	1	8	1888	46	1888	3639	Jan 9				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
68	STANDS		10	8 3/4	27520	X75	20	80	7116	CLEAN			75"	To	Bottom		
0	SINGLES	6379.73															
23	D.C.'S	677.24															
2	SUB X0	6.38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB X0	9.05	FT.	WEIGHT	9.3							Fuel Top Tank Full					
1	BIT OR C.B.	2.18	FT.	VISCOSITY	79				ADDITIVES			Bottom Tank 2'10"					
			FT.	PUMP PRESSURE	900												
	KELLY IN	4100	FT.	R.P.M. PUMP NO.1	60												
				R.P.M. PUMP NO.2													
TOTAL	7116.08	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2											

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emeco</i>	<i>D500</i>	<i>16</i>
NO. 2 <i>Oilwell Pump</i>	<i>2117</i>	<i>14</i>

LAST CASING SIZE	LAST CASING SET AT
<i>9 5/8</i>	<i>742</i>

DATE *Jan 8, 71*
RIG NO. *3*

WELL NAME *DR. KINSALIAN ET AL 11 and River*
9-42 60°-17-20'-121° 8' 5"
LOCATION *LS.D.* SEC. *1* TWP. *1* RGE. *1*

DATE *Jan 8, 71* REPORT NO. *20*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
6980	72	7052	7 3/4	160	4-6 1/4	100		8	1672	46	13555	3485	Jan 5				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
67	STANDS		FT.	RR-9	8 3/4	OPEN	24007	XJD	50	80	6754	7052	208	30 1/2			
1	SINGLES	6316.60	FT.														
23	D.C.'S	677.74	FT.														
2	SUB XC	658	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB Check	9.05	FT.	WEIGHT	9.3	9.3	9.3	9.3			11	Fuel Top Tank Full					
1	BIT OR C.B. VALVE	2.18	FT.	VISCOSITY	86	96	92	85	ADDITIVES	CAUSTIC 100#		Bottom Tank 3'8"					
			FT.	PUMP PRESSURE	800	800	800	750		CYPAN 50#							
	KELLY IN	4100	FT.	R.P.M. PUMP NO. 1	61	61	61	61		GEL 1200#							
				R.P.M. PUMP NO. 2													
TOTAL 7052.95				FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2									

REMARKS	START	STOP	INT VAL
DRILL	1200	1.00	1
TOTCO	1.00	1.15	1/4
DRILL	1.15	800	6 3/4

TOUR NO. 2
8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
7052	164	7116	7 1/4	160	19-10 3/4	55	1	8	1888	46	1355	3685	JAN		7116	2 1/2	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT ION
168	STANDS		FT.	RR-9	8 3/4	—	24007	XDJ	50	80	6754	7116	362	37 1/4			
0	SINGLES		6379.73														
23	D.C.S		677.74														
2	SUB XO	638	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	905	FT.	WEIGHT	9.3	9.3	9.3	9.3		732	10						
1	BIT OR C.B. VALUE	2.18	FT.	VISCOSITY	95	95	80	160	ADDITIVES	GEL 2100#							
			FT.	PUMP PRESSURE	800	800	750	750									
	KELLY IN	41.00	FT.	R.P.M. PUMP NO. 1	60	60	60	60									
				R.P.M. PUMP NO. 2													
TOTAL 7116.08				FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2									

REMARKS	START	STOP	INT VAL
DRILL	800	3 1/2	7 1/4
Circ, Totco & Blow lines	3 1/2	3 30	1/4
Pull out & work	3 30	4 100	1/2
TIGHT HOSE			

TOUR NO. 3
4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE NO. AND WEIGHT	NO. AND SIZE OF D.C.	WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
7116	0	7116	NIL	160	19x6 3/4	55000	1	8	1888	46	1335	3685	Jan 8		7116	2 1/2	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
68	STANDS	6379.73 FT.	10	8 3/4	27520	X7-T	NEW		7116								
	SINGLES																
23	D.C.'S	677.74 FT.															
2	SUB	XO 638 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB	9.05 FT.	WEIGHT														
1	BIT OR C.B.	2.18 FT.	VISCOSITY					ADDITIVES									
			PUMP PRESSURE														
	KELLY IN	4100 FT.	R.P.M. PUMP NO. 1														
			R.P.M. PUMP NO. 2														
TOTAL 7116.08			FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE											

REMARKS	START	STOP	INT VAL
Work out. 9.	400		
singles tight		600	2
Pull out.	600	800	2.
Reflector scope DCS	800		
Work on Pump			
Have a quick	1200		1/4

DRILL PIPE SIZE *4 1/2* TYPE *XH*
B.O.P.'S TESTED *Today*

TOTAL NO. OF JOINTS	DATE LAST SONOGRAPED	FOOTAGE DRILLED SINCE LAST SONOGRAPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
<i>261</i>	<i>Dec 68</i>	<i>45179</i>	<i>NIL</i>	<i>OK</i>	<i>TOTCO RING ON BIT NO. 10</i>	

TOOLPUSHER *J. H. H. H.*
APPROVED BY *J. H. H. H.*

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE JAN 7, 71 REPORT NO. 19

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE <u>JAN 7, 71</u>		WELL NAME <u>ATKINSON UNION ET AL FLOOD RIVER</u>		LOCATION <u>Q-42 60°-11'-20' - 121°08'51"</u>		SEC. <u>---</u> TWP. <u>---</u> RGE. <u>---</u>		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB FUBBERS, ETC.		REMARKS		TIME				
NO. 1	EMSCO	D500	16																			START	STOP	INT VAL			
NO. 2	ILWELL	214P	14																								
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																											
DRILLER	MILCH BOYCHUK		8																								
DERRICK	F COTE		8																								
FLOOR	B. DAY		8																								
FLOOR	H. METKE		8																								
FLOOR	L. DEQUIRE		8																								
FIREMAN																											
MECHANIC																											
INJURIES																											
PULL-OUT TEST #1 SER TEST TOOL RUN IN HOLE BREAK CIRC + GROW TO Btm DRILL.																											
TOTAL 6833.69 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2																											
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS																											
DRILLER	G. SHEPPY		8																								
DERRICK	H. THOMAS		8																								
FLOOR	C. DAY		8																								
FLOOR	J. GUTER		8																								
FLOOR	D. McHEAN		8																								
FIREMAN																											
MECHANIC																											
INJURIES																											
DRILL Rig SER 9 Bop's CHANGE #1 PUMP MOTOR DRILL																											
TOTAL 6898.00 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2																											
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS																											
DRILLER	W. HUSTON		8																								
DERRICK	P. SUNDY		8																								
FLOOR	W. EMMERSON		8																								
FLOOR	B. BLISS		8																								
FLOOR	A. DAY		8																								
FIREMAN																											
MECHANIC																											
INJURIES																											
Drilling Rig Sw. Drilling																											
TOTAL 6980.68 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2																											
DRILL PIPE SIZE		4 1/2		TYPE		X.H		TOTAL NO. OF JOINTS		261		DATE LAST SONOSCOPE		Dec 168		FOOTAGE DRILLED SINCE LAST SONOSCOPE		45041		TOTAL FOOTAGE DRILLED				LAST CALIPER DATE			
B.O.P.'S TESTED		Today		ELAPSED TIME		9 opened		PRESSURE		NIL		RESULTS		OK		TOTCOILING ON BIT NO.		9		TOOLPUSHER		J. H. H. H.		APPROVED BY			

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D500	16
NO. 2 Oilwell	214P	14

LAST CASING SIZE	LAST CASING SET AT
9 8	742

DATE Jan 6, 71

WELL NAME ATKINSON Union ET-AL II and River

DATE Jan 6, 71

REPORT NO. 18

G-42 60° - 11' 20" - 121° 8' 5"

LOCATION LSD. SEC. TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER	HOURS
Mitch Boychuk	8
DERRICK	HOURS
F.C. TE	8
FLOOR	HOURS
B. Day	8
H. METEY	8
FLOOR	HOURS
L. DEQUIRE	8
FIREMAN	HOURS
MECHANIC	HOURS
INJURIES	HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS		DEGREES				
6774	89	6813	5 4	152 000	14-64 55 000			8	133.5	46	1335	3658	Jan 5							
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION			
5	STANDS		9	8 3/4	OPEN 24007	XDV	30	80	6754	6813	59	5 1/2								
	SINGLES	6097.34	FT.																	
23	D.C.'S	677.74	FT.																	
2	SUB	6.58	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	- PH	GENERAL REMARKS								
1	SUB	9.05	FT.	WEIGHT	9.3	9.3	9.3	9.3	6.7	1/32	10"	Fuel Top Tank Full								
1	BIT OR C.B. TIME	2.18	FT.	VISCOSITY	72	70	85	87	ADDITIVES	GEL 3400#		Bottom Tank 2' 10"								
			FT.	PUMP PRESSURE	750	750	750	750	CYRAN		50*									
	KELLY IN	2031	FT.	R.P.M. PUMP NO. 1	62	62	62	62	CAUSTIC		50*									
				R.P.M. PUMP NO. 2					Hi Vis G.M.C.		50*									
TOTAL			6813.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												

REMARKS	START	STOP	INT VAL
Drill	1200	530	55 3/4
Circ Sample	530	515	15
Drill	515	530	15 1/4
Circ Sample + CON MUD	530	700	1 1/2
Dummy Trip 20 STOS	700	800	1

TOUR NO. 2
8 A.M. TO 4 P.M. HOURS

DRILLER	HOURS
G. SHEPPY	8
DERRICK	HOURS
H. THOMAS	8
FLOOR	HOURS
C. Day	8
J. GUTER	8
FLOOR	HOURS
D. McHEAN	8
FIREMAN	HOURS
MECHANIC	HOURS
INJURIES	HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
6813					13-64			8	1506	40	135	3658	Jan 5	6813	72 1/2		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT ION
65	STANDS	6097.34	FT.														
	SINGLES	FT.															
17	D.C.'S	497.36	FT.														
2	SUB	6.38	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	3.00	FT.	WEIGHT	9.3				6.2	1/32	10."						
	BIT OR C.B.	FT.	VISCOSITY	160					ADDITIVES								
TEST TOOLS	81.00	FT.	PUMP PRESSURE	800													
	KELLY IN	FT.	R.P.M. PUMP NO.1	60													
			R.P.M. PUMP NO.2														
TOTAL			6685.08	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2									

REMARKS	START	STOP	INT VAL
Run in + CLEAN 12' TO BTH	800	615	1 1/4
Circ & CONDITION HOLE	615	1030	1 1/4
PULL OUT	1030	100	2 1/2
MAKE UP TEST TOOLS	100	230	1 1/2
Run in	230	300	1 1/2

TOUR NO. 3
4 P.M. TO MIDNIGHT HOURS

DRILLER	HOURS
W. Hirston	8
DERRICK	HOURS
P. Livenbyinson	8
FLOOR	HOURS
W. Ewrick	8
B. Blouin	8
FLOOR	HOURS
A. Day	8
FIREMAN	HOURS
MECHANIC	HOURS
INJURIES	HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
		6813					8		1677	46	1335	3658	Jan 5	6813	2 1/2		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.															
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT								M. Hirston & Co						
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES									
		FT.	PUMP PRESSURE														
	KELLY IN	FT.	R.P.M. PUMP NO. 1														
			R.P.M. PUMP NO. 2														
TOTAL			FT.	PUMP NO. 1	PUMP NO. 2												

REMARKS	START	STOP	INT VAL
Run in	400	430	1/2
Head up test	430		
Testing		930	5
Break of Testing head	930		
4 Pull packer loose		945	1/4
Pull out	945	1200	2 1/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPE	FOOTAGE DRILLED SINCE LAST SONOSCOPE	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH	261	Dec 69	44874				
B.O.P.'S TESTED	Today	ELAPSED TIME	closed & opened	PRESSURE	NIL	RESULTS	O.K.	TOTCO RING ON BIT NO.

TOOLPUSHER J. H. Allen

APPROVED BY

DAY WORK RECORD

PUMPS

[illegible]

DAY WORK RECORD

DATE JAN. 3, 71 REPORT NO. 15

MANUFACTURER		TYPE	STROKE LENGTH	DATE		WELL NAME										PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.																											
NO. 1		EMSCO	2500	16	JAN 3, 71		G-42. 600 1120 1210 08 05																																				
NO. 2		ORILL	214P	14	RIG NO. 3		LOCATION LSD. SEC. TWP. RGE.																																				
EACH EMPLOYEE MUST SIGN THIS BOOK				TOUR NO. 1		MIDNIGHT TO 8 A.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.S.		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS		TIME	
				8		8		6150		140		6290		74		110		4x6 7/8		55000				8		921		46		744		3704		DEC 31		6196		12		Drill		1200 250 2 1/2 2 1/2	
DRILLER				MITCH BOYCHUK		8																																		CIRC & TOTCO		2 30 3 15 3 3/4 4 3/4	
DERRICK				F. COTE		8		1		STANDS		FT.		7		8 3/4		2-12 1-11		28488		219		50		110		5802		6290		488		22 3/4						Drill		3 15 800 4 3/4 4 3/4	
FLOOR				B. DAY		8		39		SINGLES		5565.50		FT.																													
FLOOR				H. MEIKE		8		23		D.C.S		677.74		FT.																													
FLOOR				I. DEGUIRE		8		2		SUB X		6.38		FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER-CAKE		PH		GENERAL REMARKS											
FIREMAN								1		SUB SHOCK		9.05		FT.		WEIGHT		9.1		9.0		9.1		9.2								10.5		SAFETY MEETING ON FIRE EQUIP									
MECHANIC																																											
INJURIES																																											
TOTAL				6290.00		FT.		PUMP NO. 1 LINER SIZE		5 1/2		PUMP NO. 2 LINER SIZE		5 1/2																													
TOUR NO. 2				8 A.M. TO 4 P.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.S.		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS		TIME			
				8		8		6290		128		6418		7		150000		19-6 1/4		55000				8		921		46		744		3704		DEC 31		6320		1 1/8		Drill		800 10 15 2 1/4	
DRILLER				G. SHEPPY		8																																		CIRC, TOTCO, RIG SER & BOP		10 15 11 15 1	
DERRICK				H. THOMAS		12		60		STANDS		FT.		7		8 3/4		2-12 1-11		28488		X16		30		110		5802		6418		6016		27 1/4						Drill		11 15 4 00 4 3/4	
FLOOR				C. DAY		8		2		SINGLES		5690.95		FT.																													
FLOOR				J. GUTEN		8		23		D.C.S		677.74		FT.																													
FLOOR				O. McKEAN		8		2		SUB X		6.38		FT.		MUD		8 A.M.		10 A.M.		12 NOON		2 P.M.		WATER LOSS		FILTER-CAKE		PH		GENERAL REMARKS											
FIREMAN								1		SUB SHOCK		9.05		FT.		WEIGHT		9.4		9.3		9.4		9.4		6.8		7 1/2		10.0													

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE Jan 2, 71		WELL NAME ^{UNION} ATKINSON ETAL FLAND RIVER		DATE Jan 2, 71		REPORT NO. 14	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. 3		LOCATION LSD. SEC. TWP. RGE.	
NO. 1 Emsco	D500	16	9 5/8		742		5802		5802	
NO. 2 OIL WELL 2149	14		5802		78		5880		2 1/4	
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS			FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM	
DRILLER M. T. Baychuk	8		5802		78		5880		2 1/4	
DERRICK F. COTE	8		5802		78		5880		2 1/4	
FLOOR B. DAY	8		5802		78		5880		2 1/4	
FLOOR H. METKE	8		5802		78		5880		2 1/4	
FLOOR L. DEGUIRE	8		5802		78		5880		2 1/4	
FIREMAN			5802		78		5880		2 1/4	
MECHANIC			5802		78		5880		2 1/4	
INJURIES			5802		78		5880		2 1/4	
TOTAL 5880.00			5802		78		5880		2 1/4	
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS			FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM	
DRILLER G. SHEPPY	8		5880		140		6020		6 1/4	
DERRICK H. THOMAS	12		5880		140		6020		6 1/4	
FLOOR C. DAY	8		5880		140		6020		6 1/4	
FLOOR J. GUTER	8		5880		140		6020		6 1/4	
FLOOR D. McKEAN	8		5880		140		6020		6 1/4	
FIREMAN			5880		140		6020		6 1/4	
MECHANIC			5880		140		6020		6 1/4	
INJURIES			5880		140		6020		6 1/4	
TOTAL 6020			5880		140		6020		6 1/4	
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS			FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM	
DRILLER W. Gustafson	8		6020		130		6150		6 1/2	
DERRICK F. COTE	4		6020		130		6150		6 1/2	
FLOOR W. Enoch	8		6020		130		6150		6 1/2	
FLOOR B. Blawie	8		6020		130		6150		6 1/2	
FLOOR A. Day	8		6020		130		6150		6 1/2	
FIREMAN			6020		130		6150		6 1/2	
MECHANIC			6020		130		6150		6 1/2	
INJURIES			6020		130		6150		6 1/2	
TOTAL 6150.49			6020		130		6150		6 1/2	
DRILL PIPE SIZE 4 1/2			TYPE X 70		TOTAL NO. OF JOINTS 261		DATE LAST SONOSCOPE Dec 68		FOOTAGE DRILLED SINCE LAST SONOSCOPE 44211	
B.O.P.'S TESTED Today			ELAPSED TIME closed & opened		RESULTS OK		TOTCO RING ON BIT NO. 7		TOOLPUSHER J. Hilliard	
APPROVED BY										

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emasco</i>	<i>D500</i>	<i>16</i>
NO. 2 <i>Cilwell</i>	<i>214P</i>	<i>14</i>

LAST CASING SIZE	LAST CASING SET AT
<i>9 5/8</i>	<i>742</i>

DATE *Dec 27 70*
RIG NO. *3*

WELL NAME *Ottinson et al Island River*
2.42 60° 11' 20" - 121° 08' 05"
LOCATION LSD. SEC. TWP. RGE.

DATE *Dec 27 70* REPORT NO. *8*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES					
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS	3840	215	4055	7 1/2	108000	4 1/2 x 6 3/4	5500	8	373			3750	New	2734	1/2					
DRILLER	W. Gustafson	8	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION		
DERRICK	P. Swenbjorn	8	STANDS		FT.	3	8 3/4	2-11 1-12	28465	X16	50	80	3513	4055	542	182						
FLOOR	W. Givach	8	SINGLES		FT.																	
FLOOR	B. Blouen	8	D.C.'S		FT.																	
FLOOR	A. Day	8	2	SUB XO	6-38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN				SUB		FT.	WEIGHT	48	45	9.0	9.5											
MECHANIC				BIT OR C.B.		FT.	VISCOSITY	9.0	9.0	53	45	ADDITIVES 16400 lbs Gel										
INJURIES			1	Shocks	9.05	FT.	PUMP PRESSURE	1950	1950	1350	1350	15 acc Benex										
				KELLY IN	21 00	FT.	R.P.M. PUMP NO. 1	60	60	60	60	150 lbs caustic										
							R.P.M. PUMP NO. 2															
				TOTAL	4055.91	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												

REMARKS	START	STOP	INT VAL
<i>Drilling</i>	<i>12 00</i>	<i>4 00</i>	<i>4</i>
<i>circ Run Survey</i>	<i>2 00</i>	<i>4 30</i>	<i>1 1/2</i>
<i>Drilling</i>	<i>4 30</i>	<i>8 00</i>	<i>3 1/2</i>

TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
DRILLER Mitch Boychok		8	4055	144	4199	7 1/2	110	4 1/2 x 6 3/4	55		8	373			5750	NEW	4070	1/2
DERRICK F. OTE		8	STANDS	3465.19	3	8 3/4	2-11	28465	X19	50	80	3515	4199	686	26			
DOR B Day		8	SINGLES	FT.														
FLOOR H. METKE		8	D.C.'S	677.74														
FLOOR L DEGUIRE		8	SUB	638	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
FIREMAN			SUB	FT.	WEIGHT	9.0	9.0	9.0					Top Tank 11" 6					
MECHANIC			BIT OR C.B.	FT.	VISCOSITY	54	53	54		ADDITIVES	GEL-5000		Bottom Tank 4'					
INJURIES			1	9.05	FT.	PUMP PRESSURE	1300	1350	1350	CAUSTIC - 150								
			KELLY IN	4100	FT.	R.P.M.	59	59	60	BEN-EX - 6 SKS								
						R.P.M.				NO STICK - 2 GMS.								
			TOTAL	4199.31	FT.	PUMP NO. 1	5 1/2	PUMP NO. 2	5 1/2									

REMARKS	START	STOP	INT VAL
<i>DRILL</i>	<i>8 00</i>	<i>9 00</i>	<i>1</i>
<i>Circ & Totco</i>	<i>9 00</i>	<i>9 30</i>	<i>1/2</i>
<i>DRILL</i>	<i>9 30</i>	<i>4 00</i>	<i>6 1/2</i>

TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
DRILLER	G. SHEPPY	8	4199	48	4247	2 3/4	115	2-11 19-12 4	5500	1	8	464		NEW	3750	NEW	4245	10
DERRICK	H. THOMAS	8	37	STANDS		FT.	3	8 3/4	2-11 1-12	28465	X16	50	80	3513	4247	734	28 1/2	5-2
FLOOR	C. Day	8	2	SINGLES	3528.38	FT.	4	8 3/4	2-11 1-12	28485	X16							
FLOOR	J. GUTER	8	23	D.C.'S	6077.74	FT.												
FLOOR	D. McLEAD	8	2	SUB	6-38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PC	GENERAL REMARKS			
				SUB		FT.	WEIGHT	9.0	9.0	9.0								
FIREMAN				BIT OR C.B.		FT.	VISCOSITY	65	60	80		ADDITIVES GEL 1200#						
MECHANIC				1.5	SHOCK	9.05	FT.	PUMP PRESSURE	1350	1350	1350	BEN-EX - 4#						
INJURIES				KELLY IN	25.45	FT.	R.P.M. PUMP NO. 1	60	60	60		NO STICK - 1 GAL						
							R.P.M. PUMP NO. 2	ON GUNS										
				TOTAL	4247.00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2								

REMARKS	START	STOP	INT VAL
<i>DRILL</i>	<i>4 00</i>	<i>4 45</i>	<i>2 3/4</i>
<i>TRIP</i>	<i>4 45</i>	<i>4 50</i>	<i>1/4</i>
<i>PULL OUT TIGHT</i>	<i>7 00</i>	<i>7 15</i>	<i>2 1/4</i>
<i>Big SER + BLIND RAMS</i>	<i>7 15</i>	<i>7 30</i>	<i>1/4</i>
<i>CLEAN SHAKER TANK</i>	<i>9 30</i>		
<i>CHANGE SHAKER</i>			
<i>SCREENS</i>	<i>10 30</i>		<i>1</i>
<i>RUN IN</i>	<i>10 30</i>	<i>12 00</i>	<i>1 1/2</i>

TESTED <i>today</i>	ELAPSED TIME <i>Close & Open</i>	FOOTAGE DRILLED SINCE LAST SONOSCOPED	RESULTS <i>NIC</i>	TOTAL FOOTAGE DRILLED	RESULTS <i>OIC</i>	LAST CALIPER DATE	CODE LETTER OF STRING
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TOOLPUSHER *J. Hubbard*
APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>Dec 28</u>		WELL NAME <u>Atkinson et al Island River</u>		DATE <u>Dec 28th 70</u>		REPORT NO. <u>9</u>													
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	RIG NO. <u>3</u>	LOCATION LSD.	SEC.	TWP.	RGE.	PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.												
NO. <u>Emaco</u>	<u>D500</u>	<u>16</u>	<u>9 5/8</u>	<u>742</u>	<u>8</u>	<u>464</u>	<u>New</u>	<u>3750</u>	<u>New</u>	4345 1/2												
NO. <u>Emaco</u>	<u>214P</u>	<u>14</u>	<u>9 5/8</u>	<u>742</u>	<u>8</u>	<u>464</u>	<u>New</u>	<u>3750</u>	<u>New</u>	4345 1/2												
TOUR NO. 1: MIDNIGHT TO 8 A.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF P.S.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS	START	STOP	INT VAL
DRILLER	<u>W. Hesterson</u>	<u>8</u>	<u>4247</u>	<u>142</u>	<u>4389</u>	<u>6 1/2</u>	<u>115000</u>	<u>19x6 3/4</u>	<u>55000</u>	<u>8</u>	<u>464</u>	<u>New</u>	<u>3750</u>	<u>New</u>	<u>4345</u>	<u>1/2</u>			<u>Run in</u>	<u>1200</u>	<u>1230</u>	<u>1/2</u>
DERRICK	<u>P. Greenbjornson</u>	<u>8</u>	<u>39</u>	<u>STANDS</u>	<u>3654.87</u>	<u>4</u>	<u>8 3/4</u>	<u>2-1 1/2</u>	<u>28485</u>	<u>X16</u>	<u>45</u>	<u>80</u>	<u>4347</u>	<u>4389</u>	<u>142</u>	<u>6 1/2</u>			<u>Run</u>	<u>1230</u>	<u>100</u>	<u>1/2</u>
FLOOR	<u>W. Ewachs</u>	<u>8</u>	<u>23</u>	<u>SINGLES</u>	<u>677.74</u>														<u>Drilling</u>	<u>100</u>	<u>545</u>	<u>4 3/4</u>
FLOOR	<u>B. Blouren</u>	<u>8</u>	<u>23</u>	<u>D.C.'S</u>	<u>677.74</u>														<u>circ & surveys</u>	<u>545</u>	<u>6 1/2</u>	<u>1/2</u>
FLOOR	<u>A. Day</u>	<u>8</u>	<u>2</u>	<u>SUB X</u>	<u>6.38</u>	<u>MUD</u>	<u>12 MID.</u>	<u>2 A.M.</u>	<u>4 A.M.</u>	<u>6 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS								
FIREMAN				<u>SUB</u>	<u>FT.</u>	<u>WEIGHT</u>			<u>9.0</u>	<u>8.9</u>	<u>8.8</u>			<u>8.5</u>	<u>Top Tank Full</u>							
MECHANIC				<u>BIT OR C.B.</u>	<u>FT.</u>	<u>VISCOSITY</u>			<u>49</u>	<u>44</u>	<u>55</u>	<u>ADDITIVES</u>	<u>4500 lbs 24</u>	<u>Bottom Tank 3-90'</u>								
INJURIES				<u>1</u>	<u>Stick</u>	<u>9.05</u>	<u>PUMP PRESSURE</u>		<u>1200</u>	<u>1200</u>	<u>1250</u>	<u>2 gals mudstick</u>	<u>Meeting on</u>									
				<u>1</u>	<u>Kelly in</u>	<u>4100</u>	<u>R.P.M. PUMP NO. 1</u>		<u>61</u>	<u>61</u>	<u>60</u>	<u>6</u>	<u>not Benex</u>	<u>Blow out control</u>								
							<u>R.P.M. PUMP NO. 2</u>					<u>200 caustic</u>										
				<u>TOTAL</u>	<u>4389.04</u>	<u>FT.</u>	<u>PUMP NO. 1 LINER SIZE</u>		<u>PUMP NO. 2 LINER SIZE</u>													
TOUR NO. 2: 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF P.S.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS			
DRILLER	<u>Mitch Boychuk</u>	<u>8</u>	<u>4589</u>	<u>159</u>	<u>4528</u>	<u>2 1/2</u>	<u>15000</u>	<u>19x6 3/4</u>	<u>55</u>	<u>8</u>	<u>8</u>	<u>464</u>	<u>New</u>	<u>3750</u>	<u>New</u>				<u>Full Top Tank 2-90'</u>			
DERRICK	<u>F. COTE</u>	<u>8</u>	<u>40</u>	<u>STANDS</u>	<u>3812.49</u>	<u>4</u>	<u>8 3/4</u>	<u>2-1 1/2</u>	<u>28485</u>	<u>X19</u>	<u>45</u>	<u>80</u>	<u>4247</u>	<u>4528</u>	<u>281</u>	<u>1 1/4</u>			<u>Run</u>	<u>800</u>	<u>11</u>	<u>3</u>
FLOOR	<u>B. Day</u>	<u>8</u>	<u>2</u>	<u>SINGLES</u>	<u>677.74</u>														<u>WORK TIGHT HOLE ON COAST</u>	<u>11</u>	<u>11</u>	<u>1/2</u>
FLOOR	<u>H. METKE</u>	<u>8</u>	<u>23</u>	<u>D.C.'S</u>	<u>677.74</u>														<u>Drill</u>	<u>1130</u>	<u>1100</u>	<u>4 1/2</u>
FLOOR	<u>L. DEGUIRE</u>	<u>8</u>	<u>2</u>	<u>SUB X</u>	<u>6.38</u>	<u>MUD</u>	<u>8 A.M.</u>	<u>10 A.M.</u>	<u>12 NOON</u>	<u>2 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS								
FIREMAN				<u>SUB</u>	<u>FT.</u>	<u>WEIGHT</u>			<u>8.8</u>	<u>8.8</u>	<u>8.8</u>	<u>8.8</u>										
MECHANIC				<u>BIT OR C.B.</u>	<u>FT.</u>	<u>VISCOSITY</u>			<u>51</u>	<u>53</u>	<u>58</u>	<u>60</u>	<u>ADDITIVES</u>	<u>GEL 8700</u>								
INJURIES							<u>PUMP PRESSURE</u>		<u>1200</u>	<u>1200</u>	<u>1250</u>	<u>1250</u>	<u>CAUSTIC 100'</u>									
				<u>Kelly in</u>	<u>2300</u>	<u>FT.</u>	<u>R.P.M. PUMP NO. 1</u>		<u>61</u>	<u>61</u>	<u>61</u>	<u>61</u>	<u>BENEX 10 SKS</u>									
							<u>R.P.M. PUMP NO. 2</u>					<u>NO STICK. 2 GALS</u>										
				<u>TOTAL</u>	<u>4528.00</u>	<u>FT.</u>	<u>PUMP NO. 1 LINER SIZE</u>	<u>5 1/2</u>	<u>PUMP NO. 2 LINER SIZE</u>	<u>5 1/2</u>												
TOUR NO. 3: 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF P.S.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS			
DRILLER	<u>G. SHEPPY</u>	<u>8</u>	<u>4528</u>	<u>92</u>	<u>4620</u>	<u>6 1/4</u>	<u>12000</u>	<u>19x6 3/4</u>	<u>55</u>	<u>8</u>	<u>464</u>	<u>New</u>	<u>3750</u>	<u>New</u>	<u>4540</u>	<u>3/4</u>			<u>DRILL</u>	<u>450</u>	<u>445</u>	<u>3/4</u>
DERRICK	<u>N. THOMAS</u>	<u>8</u>	<u>41</u>	<u>STANDS</u>	<u>3706.31</u>	<u>4</u>	<u>8 3/4</u>	<u>2-1 1/2</u>	<u>28485</u>	<u>X16</u>	<u>45</u>	<u>80</u>	<u>4247</u>	<u>4620</u>	<u>373</u>	<u>20 1/4</u>			<u>TACO, WELD ON MUD</u>	<u>130</u>	<u>130</u>	<u>1 3/4</u>
FLOOR	<u>C. Day</u>	<u>8</u>	<u>2</u>	<u>SINGLES</u>	<u>677.74</u>														<u>LINE & REPAIR AIR COMP</u>	<u>130</u>	<u>1200</u>	<u>5 1/2</u>
FLOOR	<u>J. GUTER</u>	<u>8</u>	<u>23</u>	<u>D.C.'S</u>	<u>677.74</u>														<u>Drill</u>			
FLOOR	<u>O. McLEAN</u>	<u>8</u>	<u>2</u>	<u>SUB X</u>	<u>6.38</u>	<u>MUD</u>	<u>4 P.M.</u>	<u>6 P.M.</u>	<u>8 P.M.</u>	<u>10 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS								
FIREMAN				<u>SUB</u>	<u>FT.</u>	<u>WEIGHT</u>			<u>8.9</u>	<u>8.8</u>	<u>8.8</u>	<u>8.9</u>			<u>10.5</u>	<u>Maneuver Horns 14 hrs</u>						
MECHANIC				<u>BIT OR C.B.</u>	<u>FT.</u>	<u>VISCOSITY</u>			<u>62</u>	<u>60</u>	<u>60</u>	<u>62</u>	<u>ADDITIVES</u>	<u>GEL - 5500</u>								
INJURIES							<u>PUMP PRESSURE</u>		<u>1250</u>	<u>1250</u>	<u>1250</u>	<u>1250</u>	<u>BEN-EX - 11 SAH</u>									
				<u>Kelly in</u>	<u>20.52</u>	<u>FT.</u>	<u>R.P.M. PUMP NO. 1</u>		<u>60</u>	<u>61</u>	<u>61</u>	<u>61</u>	<u>NO-STICK - 2 GAL</u>									
							<u>R.P.M. PUMP NO. 2</u>					<u>ON GUNS</u>	<u>CAUSTIC - 50'</u>									
				<u>TOTAL</u>	<u>4620</u>	<u>FT.</u>	<u>PUMP NO. 1 LINER SIZE</u>	<u>5 1/2</u>	<u>PUMP NO. 2 LINER SIZE</u>	<u>5 1/2</u>												
DRILL PIPE SIZE	<u>4 1/2</u>	TYPE	<u>XH</u>	TOTAL NO. OF JOINTS	<u>1</u>	DATE LAST SONOSCOPIED	<u>Close & Open</u>	FOOTAGE DRILLED SINCE LAST SONOSCOPIED	<u>Nil</u>	TOTAL FOOTAGE DRILLED	<u>OK</u>	LAST CALIPER DATE	<u>4</u>	RESULTS	<u>OK</u>	CODE LETTER OF STRING	<u>4</u>	TOOLPUSHER	<u>J. HIBBARD</u>	APPROVED BY		
B.O.P.'S TESTED	<u>Dec 27</u>	ELAPSED TIME	<u>Close & Open</u>	PRESSURE	<u>Nil</u>	RESULTS	<u>OK</u>	TOTCO RING ON BIT NO.	<u>4</u>													

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Dec 29th REPORT NO. 10

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		LOCATION		SEC.		TWP.		RGE.		REMARKS		TIME		
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES			START	STOP	INT. VAL.			
DRILLER	W. Gustafson	8	4620	105	4725	634	120	19x6 1/4	55000	8	464	New	3750									Drilling	1200	115	1 1/4		
DERRICK	P. Lundenborgson	8	42	STANDS	FT.	4	8 3/4	1-12	28485	X16	50	80	4247	4725	478	27.						Work on air lines align	115				
FLOOR	W. Enach	8	2	SINGLES	399.4																Run	215	1				
FLOOR	B. Blomsten	8	23	D.C.'S	677.74																Drilling	215	615				
FLOOR	A. Day	8	2	SUB	638																Work tight conn	615	630	1/4			
FIREMAN																					Drilling	630	800	1 1/2			
MECHANIC																											
INJURIES																											
TOTAL			4733.58		FT.		PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2																		
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES			START	STOP	INT. VAL.			
DRILLER	Mitch Boychuk	8	4725	93	4818	5	120	19x6 1/4	55	1	8	619	New	3750	New	4752					Drill	500	1000	2	2		
DERRICK	F. COTE	8	43	STANDS	FT.	4	8 3/4	1-12	28485	X16	50	80	4247	4818	571	32					64	1000	1045	5	2		
FLOOR	B. Day	8	2	SINGLES	4090.55																Circ + Con. mud	1045	1145	1 1/2			
FLOOR	H. MERKE	8	23	D.C.'S	677.74																Pump Totco + Circ	1145	1245	1 1/2			
FLOOR	L. Dequar	8	2	SUB X	638																PULL OUT	1245	1400	1 1/2			
FIREMAN																											
MECHANIC																											
INJURIES																											
TOTAL			4818.00		FT.		PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2																		
TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES			START	STOP	INT. VAL.			
DRILLER	G. J. HEPPY	8	4818	70	4888	3 3/4	125	19x6 1/4	55000	8	619	New	3750	New	4830						TRIP & Rig SER + Pop's	470	730	3 1/2			
DERRICK	H. THOMAS	8	44	STANDS	FT.	5	8 3/4	1-13	28477	X16	25	110	4818	4888	70	3 3/4						DRILL	730	1115	2 3/4		
FLOOR	C. Day	8	2	SINGLES	4185.57																Circ + Totco (Mis Run)	1115	1200	3/4			
FLOOR	J. Guter	8	23	D.C.'S	672.24																						
FLOOR	D. McLean	8	2	SUB XO	638																						
FIREMAN																											
MECHANIC																											
INJURIES																											
TOTAL			4888.00		FT.		PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2																		
DRILL PIPE SIZE		H 1/2		TYPE		X11		TOTAL NO. OF JOINTS		DATE LAST SONO SCOPED		FOOTAGE DRILLED SINCE LAST SONO SCOPED		42949		TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS		CODE LETTER OF STRING		TOOLPUSHER		APPROVED BY	
B.O.P.'S TESTED		100%		ELAPSED TIME		Close & Open		PRESSURE		N/C		RESULTS		OK		TOTCO RING ON BIT NO.		5									

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Dec 30th REPORT NO. 11

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. <u>Emaco</u>	<u>9500</u>	<u>16</u>
NO. <u>Emaco</u>	<u>21HP</u>	<u>14</u>

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <u>W. Shaterson</u>	8
DERRICK <u>P. Savin</u>	8
FLOOR <u>W. Ewack</u>	8
FLOOR <u>B. Blomson</u>	8
FLOOR <u>A. Day</u>	8
FIREMAN	
MECHANIC	
INJURIES	

LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME												LOCATION		SEC.		TWP.		RGE.	
9 5/8		742		Dec 30 th		H-42												600-11'-20		121°-08'-0					
RIG NO.				3																					
FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF JOINTS	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS		DEGREES									
4888	63	4951	3 3/4	125 ⁰⁰	4 1/2 x 5 3/4	55 ⁰⁰⁰		8	619	New	3750			4880	1 3/8°										
					19 x 6 3/4									4940	1 3/4°										
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION							
45	STANDS		4217.22 FT.	5	8 3/4	2-11	28477	X16	25	110	4818	4951	133	7 1/2											
	SINGLES		FT.																						
23	D.C.'S		677.74 FT.																						
2	SUB X0		6.38 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS													
	SUB		FT.	WEIGHT	9.0	9.3	8.9					Surge @ 1200 minutes													
	BIT OR C.B.		FT.	VISCOSITY	9.0	6.5	72	8.5	ADDITIVES			mud used to													
1	Stick		9.05 FT.	PUMP PRESSURE	1450	1450	1450	1450	Barrel 2 A.M.			Heavy mud. Circ													
	KELLY IN		41.00 FT.	R.P.M. PUMP NO. 1	61	61	61	61	Hel 1800 lbs.			Fuel Top Tank 5'													
				R.P.M. PUMP NO. 2					Cyran 50 lbs			Bottom Tank 2.20'													
TOTAL	4951.39 FT.			PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2	2 1/2	Hel mostick																

REMARKS	START	STOP	INT	VAL
<u>See Big Run</u>	<u>1200</u>			
<u>Survey work on</u>				
<u>Validation line Belt</u>	<u>115</u>	<u>145</u>	<u>1/2</u>	<u>1/4</u>
<u>Quill</u>	<u>145</u>	<u>230</u>	<u>3/4</u>	
<u>Ream Survey</u>	<u>230</u>	<u>430</u>	<u>2</u>	<u>2</u>
<u>Drilling</u>	<u>430</u>	<u>545</u>	<u>1 1/4</u>	
<u>Repack swirl</u>	<u>545</u>	<u>700</u>	<u>1 1/4</u>	<u>1 1/4</u>
<u>Drilling</u>	<u>700</u>	<u>800</u>	<u>1</u>	

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER <u>W. Shaterson</u>	8
DERRICK <u>F. Cote</u>	8
FLOOR <u>B. Day</u>	8
FLOOR <u>H. Matke</u>	8
FLOOR <u>L. Deo</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO. OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
4951	119	5076	7 1/4	125	19x6 3/4	55	8	619	New	3750				5040	1 1/4°		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
46	STANDS		5	8 3/4	2-11 1-13	28477	X12	25	110	4818	5076	252	14 1/4				
1	SINGLES	1314.35															
23	D.C.'S	677.74															
2	SUB	6.38	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	STICK	9.05	FT.	WEIGHT	8.9	8.9	8.9	8.9			11						
	BIT OR C.B.		FT.	VISCOSITY	92	92	68	75	ADDITIVES	GEL 1600	DE SANDER UNDER FLO 9.0						
			FT.	PUMP PRESSURE	1400	1400	1400	1400	CYPAN	50#	CHANGED GLAND PACKING DISC						
	KELLY IN	41.00	FT.	R.P.M. PUMP NO.1	61	61	66	61	CAUSTIC	100#	FLY WHEEL SIDE						
				R.P.M. PUMP NO.2					NO STICK 2 GALS								
				PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2	RENEX 2 BAGS									
TOTAL		5076.52	FT.														

REMARKS	START	STOP	INT	VAL
<u>Drill</u>	<u>800</u>	<u>800</u>	<u>1/4</u>	
<u>Circ + Teco</u>	<u>115</u>	<u>200</u>	<u>3/4</u>	
<u>Drill</u>	<u>200</u>	<u>400</u>	<u>2</u>	<u>2</u>

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER <u>G. Sheppy</u>	8
DERRICK <u>H. Thomas</u>	8
FLOOR <u>C. Day</u>	8
FLOOR <u>J. Gutek</u>	8
FLOOR <u>D. McLean</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF JOINTS	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT. MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE			
5076	150	5226	7 1/4	128	19-1/4 D.C.	55		8	619			3750	New	5100	1 1/2			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION	
48	STANDS	4498.31	5	8 3/4	1-12	28477	X16	23/35	80	4818	5226	408	22					Only
	SINGLES																	
23	D.C.'S	677.74																
	SUB	FOOTAGE	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
2	X0	6.38																
1	STICK	9.05	WEIGHT	8.9	8.9	8.9	8.9			10	Marin Hernandez 8 hrs							
	BIT OR C.B.		VISCOSITY	75	60	62	65	ADDITIVES	GEL-3400									
			PUMP PRESSURE	1400	1400	1400	1400	REN-EX - 3 BAGS										
	KELLY IN	34.52	R.P.M. PUMP NO. 1	61	61	61	61	NO STICK-2 GAL										
			R.P.M. PUMP NO. 2	ON MIXER														
			PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												
TOTAL	5226																	

REMARKS	START	STOP	INT	VAL
<u>Drill</u>	<u>400</u>	<u>545</u>	<u>1 1/4</u>	<u>1 1/4</u>
<u>Circ + Teco + Rio Ser</u>	<u>545</u>	<u>130</u>	<u>3/4</u>	
<u>Drill</u>	<u>130</u>	<u>120</u>	<u>5 1/2</u>	<u>5 1/2</u>

DRILL PIPE SIZE <u>4 1/2</u>	TYPE <u>XH</u>	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED <u>4328</u>	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER STRING
B.O.P.S. TESTED <u>OK</u>		ELAPSED TIME <u>1:15</u>		PRESSURE <u>110</u>	RESULTS <u>OK</u>	TOTAL RING ON BIT NO. <u>5</u>		

TOOLPUSHER J. Hillard

APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Dec 31 REPORT NO. 12

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <u>EMCC</u>	<u>D500</u>	<u>16</u>
NO. 2 <u>Oilwell</u>	<u>214P</u>	<u>14</u>

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <u>M. J. Baychuk</u>	8
DERRICK <u>F. C. T. E.</u>	8
FLOOR <u>B. Day</u>	8
FLOOR <u>H. Metke</u>	8
FLOOR <u>L. Dequire</u>	8
FIREMAN	
MECHANIC	
INJURIES	

LAST CASING SIZE 9 5/8 LAST CASING SET AT 742

DATE Dec 31

RIG NO. 35

WELL NAME ATKINSON FARM AND RIVER

LOCATION 9-42, 600 11' 20" 1210 08 105'

SEC. 5222 TWP. 1 RGE. 1

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C. WEIGHT	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE		
5226	160	5386	6 3/4	129 000	4 x 6 3/4	060		8	619			5750		5222	1°		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
49	STANDS	FT.	5	8 3/4	2-11	28477	X19	110	4818	5386	568	284					
23	SINGLES	FT.	46	5266													
23	D.C.'S	FT.	677.74														
2	SUB	6.38 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	Shack	9.05 FT.	WEIGHT	8.9	8.9	8.9	90			9.5	Top Tank Full						
	BIT OR C.B.	FT.	VISCOSITY	75	63	68	72	ADDITIVES	GEL 2000			Bottom Tank 4' 8"					
		FT.	PUMP PRESSURE	1250	6250	1400	1400	BENEY 2BWS									
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1	59	59	61	61	CAUSTIC 50#									
			R.P.M. PUMP NO.2					No stick 2 GALS									
			PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE			5 1/2									
TOTAL 5386 83																	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C. WEIGHT	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
5386	34	5420	2 1/4	132	19-6 1/4	060	1	8	744	46	744	3704	DEC 31	5380			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
50	STANOS		5	8 3/4	2-11	28477	X16	30	110	4818	5397	519	29 1/4				5-5
1	SINGLES	1715.48	6	8 3/4	2-11	28457	X16	35	80	5397	5420	23	1 1/4				APL
23	D.C.'S	677.74															
2	SUB X0	6.38	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	9.05	FT.	WEIGHT	9.0							CHECK BLIND RAMS					
	BIT OR C.B.		FT.	VISCOSITY	75				ADDITIVES			PIPE RAMS + MOTOR					
			FT.	PUMP PRESSURE	1400							SHUT OFFS - OK.					
	KELLY IN	11.35	FT.	R.P.M. PUMP NO.1	61												
				R.P.M. PUMP NO.2													
TOTAL	5420		FT.	PUMP NO. 1 LINER SIZE	5 1/2				PUMP NO. 2 LINER SIZE	5 1/2							

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C. WEIGHT	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES				
5420	132	5552	7 1/2	135	19-6 1/4	060	8	744	46	744	3704	Dec 31	5355	18				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION	
51	STANDS		6	8 3/4	2-11	28457	X16		5397	5552	155	9 3/4						
2	SINGLES																	
23	D.C.'S																	
2	SUB X O		6.38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SHOCK		9.05	FT.	WEIGHT	9.0	9.0	9.0	9.0									
	BIT OR C.B.			FT.	VISCOSITY	8.5	60	74	72	ADDITIVES GEL-1400#								
				FT.	PUMP PRESSURE	1400	1400	1400	1400	NO STICK-2 GAL								
	KELLY IN		19.19	FT.	R.P.M. PUMP NO. 1	61	61	61	61	CRUSTIC 50#								
				FT.	R.P.M. PUMP NO. 2					BENEY 2 SILS								
				FT.	PUMP NO. 1 LINER SIZE	5 1/2				PUMP NO. 2 LINER SIZE 5 1/2								
TOTAL 5355.00													DAST		RESULTS		CODE LETTER	

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPIED	FOOTAGE DRILLED SINCE LAST SONOSCOPIED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH	261	Dec 18	43613			OK	

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.
Today	Close & Open	NIE	OK	60

REMARKS	START	STOP	INT. VAL.
Rig Ser	1200	1215	1/4
Circ & Totco	1215	1245	1/2
Drill	1245	1250	6 3/4
Circ & Totco	1250	800	1/2

REMARKS	START	STOP	INT. VAL.
Totco & Rig Ser	800	830	1/2
Drill	830	845	1/4
Totco & Circ	845	850	2 3/4
TRIP	850	855	3/4
SLIP + Cut line	855	855	1/4
TRIP IN	855	855	1/4
Check Blind Rams	855	855	1/4
Pipe Rams + Motor	855	855	1/4
SLIP OFFS - OK	855	855	1/4

REMARKS	START	STOP	INT. VAL.
Drill	900	900	5 5
Totco Rig Ser	900	930	1/2
Drill	930	1200	2 1/2

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REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS				DATE <u>JAN 1ST 71</u>		WELL NAME <u>ATKINSON ETAL Island RIVER</u>		DATE <u>JAN 1ST 71</u>		REPORT NO. <u>13</u>												
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	RIG NO. <u>3</u>	LOCATION LSD.	SEC.	TWP.	RGE.	PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.												
TOUR NO. 1 MIDNIGHT TO 8 A.M.				HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	TIME	
DRILLER	Mitch Baychuk	8	5552	105	5657	7 1/2	135	19264	55	8	744	46	744	3704	DEC 31					Drill	12:00	
DERRICK	F. COTE	8	2	STANDS	FT.	6	8 3/4	28457	X19	45	80	5397	5657	260	174					Drill	5:45	
FLOOR	B. DAY	8	52	SINGLES	4934	55															5:45	
FLOOR	H. METKE	8	23	D.C.'S	677.74	FT.															5:45	
FLOOR	L. DEGUIRE	8	2	SUB X	6.38	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			1	SUB	9.05	FT.	WEIGHT	9.0	8.9	9.0	9.0				10.5	FUEL Taps Full						
MECHANIC				BIT OR C.B.	FT.	VISCOSITY	66	64	73	74	ADDITIVES	GEL 2000	Bottom - 4'									
INJURIES				KELLY IN	3000	FT.	PUMP NO. 1	60	60	60	60	CAUSTIC 50# PIT LEVEL INCREASING										
							PUMP NO. 2					NO STICK 2 GAS ICE PLUGS										
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2	CYPRAN 50#											
TOUR NO. 2 8 A.M. TO 4 P.M.				HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	TIME	
DRILLER	G. SHEPPY	12	5657	87	5744	7 1/4	19-1/4	140	55	8	744	46	744	3704	DEC 31					Drill	8:00	
DERRICK	H. THOMAS	12	53	STANDS	FT.	6	8 3/4	28457	X16	50	80	5397	5744	347	242					Drill	8:45	
FLOOR	C. DAY	12	2	SINGLES	5029	28															8:45	
FLOOR	J. GUTER	12	23	D.C.'S	677.74	FT.															8:45	
FLOOR	D. McLENN	12	2	SUB X	6.38	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			1	SUB	9.05	FT.	WEIGHT	9.2	9.2	9.2	9.2										8:45	
MECHANIC				BIT OR C.B.	FT.	VISCOSITY	68	62	65	65	ADDITIVES	GEL-3500	HOLD BLOW OUT									
INJURIES				KELLY IN	23.55	FT.	PUMP NO. 1	60	60	60	60	BENEX - 3 BAGS MUD WT @ 5.00										
							PUMP NO. 2					NO STICK - 2 GAL @ Suction 8.9										
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												
TOUR NO. 3 4 P.M. TO MIDNIGHT				HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	TIME	
DRILLER	Mitch Baychuk	4	5744	58	5802	5 1/4	140M	19-1/4	55	8	744	46	744	3704	DEC 31					Drill	1:00	
DERRICK	F. COTE	4	54	STANDS	FT.	6	8 3/4	28457	X16	50	80	5397	5802	405	39 3/4					Drill	1:30	
FLOOR	B. DAY	4	1	SINGLES	5090	44															1:30	
FLOOR	H. METKE	4	23	D.C.'S	677.74	FT.															1:30	
FLOOR	L. DEGUIRE	4	2	SUB X	6.38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			1	SUB	9.05	FT.	WEIGHT	9.2	9.2	9.2	9.2										1:30	
MECHANIC				BIT OR C.B.	FT.	VISCOSITY	65	57	82	8	ADDITIVES	CAUSTIC 100#	Holding Water 7 hrs									
INJURIES				KELLY IN	18.39	FT.	PUMP NO. 1	60	60	60	60	CALP. H.VIS - 50#										
							PUMP NO. 2					BENEX - 3 SKS										
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												
TOUR NO. 4 8 A.M. TO 4 P.M.				HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	TIME	
DRILLER	Mitch Baychuk	4	5802	59	5861	5 1/4	140M	19-1/4	55	8	744	46	744	3704	DEC 31					Drill	1:00	
DERRICK	F. COTE	4	54	STANDS	FT.	6	8 3/4	28457	X16	50	80	5397	5861	405	39 3/4					Drill	1:30	
FLOOR	B. DAY	4	1	SINGLES	5090	44															1:30	
FLOOR	H. METKE	4	23	D.C.'S	677.74	FT.															1:30	
FLOOR	L. DEGUIRE	4	2	SUB X	6.38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			1	SUB	9.05	FT.	WEIGHT	9.2	9.2	9.2	9.2										1:30	
MECHANIC				BIT OR C.B.	FT.	VISCOSITY	65	57	82	8	ADDITIVES	CAUSTIC 100#	Holding Water 7 hrs									
INJURIES				KELLY IN	18.39	FT.	PUMP NO. 1	60	60	60	60	CALP. H.VIS - 50#										
							PUMP NO. 2					BENEX - 3 SKS										
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2												

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REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH	DATE	WELL NAME	DATE	REPORT NO.
Emco	D300	16	Dec 26-70	Atkinson et al. Island River	Dec 26	7
NO.	214P	14	9 3/8	742	842	6511:20 120-08 05
LAST CASING SIZE	LAST CASING SET AT	RIG NO.	LOCATION	SEC.	TWP.	RGE.
3261	252	3513	6 1/4	98000	230	TV
DRILLER	W. Gustafson	8	3261	252	3513	6 1/4
DERRICK	P. Swinburn	8	29	STANDS	2	8 3/8
FLOOR	W. Ewack	8	2	SINGLES	2779.75	
FLOOR	B. Blower	8	23	D.C.'S	677.74	
FLOOR	A. Day	8	2	SUB	6.38	
FIREMAN						
MECHANIC						
INJURIES						
TOTAL	3513.94					

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT. VAL.
Drilling	1200	615	6 1/4
Circ.	615	630	1/4
Summ.	630	645	1/4
Pull out	645	715	1 1/2
Work Tight Rod +	715	800	3/4
Pull out.			

TOUR NO. 2	8 A.M. TO 4 P.M.	HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES
DRILLER	Mitch B. Ryck	12	3513	127	3640	32	100	19 1/2	55	1	8	373	NFW	3750	NFW		
DERRICK	F. Co. T.E.	12	31	STANDS	2906.07	3	8 3/4	11	28465	XIG	40	80	3513	3640	127	3 1/2	
FLOOR	B. Day	12		SINGLES													
FLOOR	H. Metke	12	23	D.C.'S	677.74												
FLOOR	J. Dequire	8	2	SUB	6.38												
FIREMAN																	
MECHANIC																	
INJURIES																	
TOTAL	3640.24																

REMARKS	START	STOP	INT. VAL.
Pull out	800	1030	2 1/2
Rig Service + BOP	1030	1045	1/4
Row In	1045	1055	1 1/2
Clear to Btm (Showly)	1055	1100	1 1/2
Drill	1100	1200	5 1/2

TOUR NO. 3	4 P.M. TO MIDNIGHT	HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES
DRILLER	W. Gustafson	4	3640	200	3840	17	105000	19 1/2	55	8	373	NFW	3750				
DERRICK	P. Swinburn	4	33	STANDS		3	8 3/4	11	28465	XIG	40	80	3513	3840	327	10 1/2	
FLOOR	B. Ewack	4	1	SINGLES	8123.87												
FLOOR	B. Blower	4	23	D.C.'S	677.74												
FLOOR	M. McLean	8	2	SUB	6.38												
FIREMAN																	
MECHANIC																	
INJURIES																	
TOTAL	3840.04																

REMARKS	START	STOP	INT. VAL.
Drill	400	500	1
Repair Air line on Pumps	500	530	1/2
Drill	530	845	3 1/4
Circ & Summ / Check	845	915	1/2
Drill	915	1200	2 3/4

DRILL PIPE	2 1/2	TYPE	FH	TOTAL NO. OF JOINTS	26	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
SCOPS TESTED	Today	ELAPSED TIME	closed & opened	PRESSURE	N/A	RESULTS	OK	TOTCO RING ON BIT NO.	3		

TOOLPUSHER *J. Hillman*
APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Dec 25, 1970

REPORT NO. DLK

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE <u>Dec 25 1970</u>		WELL NAME <u>Atkinson Island River G-42</u>		DATE <u>Dec 25 1970</u>		REPORT NO. <u>DLK</u>	
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS	
DRILLER <u>W. H. Heston</u>			8		8		8		8		8		8		8		8	
DERRICK <u>P. L. Johnson</u>			8		8		8		8		8		8		8		8	
FLOOR <u>B. Ewack</u>			8		8		8		8		8		8		8		8	
FLOOR <u>B. Blower</u>			8		8		8		8		8		8		8		8	
FLOOR <u>A. Day</u>			8		8		8		8		8		8		8		8	
FIREMAN																		
MECHANIC																		
INJURIES																		
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS	
DRILLER <u>W. H. Heston</u>			12		12		12		12		12		12		12		12	
DERRICK <u>F. Kote</u>			12		12		12		12		12		12		12		12	
FLOOR <u>B. Day</u>			12		12		12		12		12		12		12		12	
FLOOR <u>H. MEIKE</u>			12		12		12		12		12		12		12		12	
FLOOR <u>L. DEQUIRE</u>			12		12		12		12		12		12		12		12	
FIREMAN																		
MECHANIC																		
INJURIES																		
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS		HOURS	
DRILLER <u>W. H. Heston</u>			4		4		4		4		4		4		4		4	
DERRICK <u>P. L. Johnson</u>			4		4		4		4		4		4		4		4	
FLOOR <u>B. Ewack</u>			4		4		4		4		4		4		4		4	
FLOOR <u>B. Blower</u>			4		4		4		4		4		4		4		4	
FLOOR <u>A. Day</u>			4		4		4		4		4		4		4		4	
FIREMAN																		
MECHANIC																		
INJURIES																		

TOOLPUSHER J. Hillman
 APPROVED BY J. Hillman

DAY WORK RECORD

PUMPS

WELL NAME ARKINSON UNIDW ISLAND PATER

REPORT NO. 4

[illegible]

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER TYPE STROKE LENGTH

NO. 1 NO. 2

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

DATE Dec 22, 1970

WELL NAME Atkinson Island River

6-42 - 60° 2' N - 121

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

LAST CASING SIZE LAST CASING SET AT

FROM FOOTAGE TOTAL DEPTH HOURS ON BOTTOM

DRILL PIPE NO. AND SIZE OF D.C.'S D.C. WEIGHT

TRIPS NO OF LINES TOTAL TON MILES LINE CUT FEET AT MILES

FEET LEFT ON SPOOL DATE OF LAST CUT AT SURVEYS DEGREES

REMARKS

START STOP INT VAL

TIME

NO. DRILLING STRING BITS RUN NO. SIZE NOZZLE SIZE SERIAL NO. TYPE WEIGHT RPM

FOOTAGE FROM FOOTAGE TO FOOTAGE HOURS CORED FROM CORED TO REAMED FROM REAMED TO CONDIT-ION

STANDS FT.

SINGLES FT.

D.C.'S FT.

SUB FT. MUD 12 MID. 2 A.M. 4 A.M. 6 P.M. WATER LOSS FILTER CAKE PH

SUB FT. WEIGHT

BIT OR C.B. FT. VISCOSITY

ADDITIVES

PUMP PRESSURE

R.P.M. PUMP NO.1

R.P.M. PUMP NO.2

PUMP NO. 1 LINER SIZE PUMP NO. 2 LINER SIZE

TOTAL FT.

GENERAL REMARKS

RAW 19. ITS. OF 36" 9 5/8" U.K.K. CSWL @ HOWCO FLOAT COLLAR & CASING CEMENTED @ GUIDE SHOES & CENTRALIZERS

SID SAK FORTHANDS NORMAL

CEMENT GOOD RETURNS

Phog Down @ 3:15 AM

CSNG. SRT @ 742' K.B.

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER W. Hustapon 8

DERRICK W. Ewack 8

FLOOR B. Bloven 8

FLOOR A. Day 8

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

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FLOOR B. Day 11

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FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

FLOOR L. DEGUIRE 11

FIREMAN

MECHANIC

INJURIES

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER M. F. Boyd 8

DERRICK F. COTE 8

FLOOR B. Day 11

FLOOR H. MEIRE 11

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Yonco</i>	<i>R500</i>	<i>16</i>
NO. 2 <i>Calwell</i>	<i>214P</i>	<i>14</i>

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>A. Vachell</i>	<i>8</i>
DERRICK <i>H. Thomas</i>	<i>8</i>
FLOOR <i>C. Day</i>	<i>8</i>
FLOOR <i>J. Gutch</i>	<i>8</i>
FLOOR <i>D. Maclean</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
255	276	531	5 1/4		4-6 3/4	24000		8	NEW			3750		275-1/4	455		
					8-6 1/4									365-1/4	550-1/2		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
1	STANDS	FT. 2A	13 3/4	3-22	21921	OSC3	10-25	160	0	560	5.0	14 1/2					
2	SINGLES	157.15 FT.															
12	D.C.'S	353.77 FT.															
2	SUB Ec	6.38 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB Ball	2.60 FT.	WEIGHT														
	BIT OR C.B.	FT.	VISCOSITY	45	45	48	50	ADDITIVES									
		FT.	PUMP PRESSURE	800	800	800	800	500# GEL									
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1	61	61	61	61	50# CAUSTIC									
			R.P.M. PUMP NO.2					50# LIME									
TOTAL			560.90 FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE											

WELL NAME *Catterson Island River*

DATE *December 21, 70*

RIG NO. *3*

LOCATION LSD. *F-42* SEC. *42* TWP. *42* RGE. *42*

DATE *Dec. 21st.* REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT VAL
<i>Rig Service</i>	<i>12:00</i>	<i>12:15</i>	<i>1/4</i>
<i>Drill</i>	<i>12:15</i>	<i>12:30</i>	<i>1/4</i>
<i>Wk + Clean out mud pump</i>	<i>12:30</i>	<i>12:45</i>	<i>3/4</i>
<i>Drill</i>	<i>12:45</i>	<i>1:00</i>	<i>1/4</i>
<i>Drill 13 3/4" hole - Clean</i>	<i>1:00</i>	<i>1:15</i>	<i>1/4</i>
<i>Out mud pump</i>	<i>1:15</i>	<i>1:30</i>	<i>1/4</i>
<i>Remove + Unplug flow line</i>	<i>1:30</i>	<i>1:45</i>	<i>3/4</i>
<i>Drill</i>	<i>1:45</i>	<i>2:00</i>	<i>1/4</i>
<i>Drill</i>	<i>2:00</i>	<i>2:15</i>	<i>1/4</i>

DRILLER <i>A. Hustafson</i>	<i>8</i>
DERRICK <i>T. Swenbjorn</i>	<i>8</i>
FLOOR <i>D. Ewack</i>	<i>8</i>
FLOOR <i>B. Blaven</i>	<i>8</i>
FLOOR <i>A. Day</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE		
560	156	716.	6 1/4	45000	4X6 3/4	24000		8	New.			3750		645	1/2		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
3	STANDS	12	FT.	2A	13 3/4	322	21921	OSC-3	10-20	160	0	716	716	20 3/4			
1	SINGLES	312.81	FT.														
12	D.C.'S	353.77	FT.														
2	SUB CO.	6.38	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB Bell	2.60	FT.	WEIGHT													
	BIT OR C.B.		FT.	VISCOSITY	62	95	75	80	ADDITIVES								
			FT.	PUMP PRESSURE	800	800	800	800	25 lbs lime								
	KE'LY IN	41.00	FT.	R.P.M. PUMP NO.1	61	61	61	61									
				R.P.M. PUMP NO.2													
TOTAL		716.56	FT.	PUMP NO. 1 LINER SIZE	5"2	PUMP NO. 2 LINER SIZE		5"2									

REMARKS	START	STOP	INT VAL
<i>Sw Rig</i>	<i>8:00</i>	<i>8:15</i>	<i>1/4</i>
<i>Drilling</i>	<i>8:15</i>	<i>12:00</i>	<i>3 3/4</i>
<i>Drill</i>	<i>12:00</i>	<i>12:15</i>	<i>1/4</i>
<i>Drilling</i>	<i>12:15</i>	<i>12:45</i>	<i>2 1/2</i>
<i>Drill</i>	<i>12:45</i>	<i>1:00</i>	<i>1/4</i>
<i>Trip to Measure</i>	<i>1:00</i>	<i>1:15</i>	<i>1/4</i>

DRILLER <i>M. T. Baychuk</i>	<i>8</i>
DERRICK <i>F. EATE</i>	<i>8</i>
FLOOR <i>B. Day</i>	<i>8</i>
FLOOR <i>M. METRE</i>	<i>8</i>
FLOOR <i>L. DECEIRE</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES					
716.56	26	742	1	45	4-6 3/4	24000	8	8	15	-	-	3750	NEW		740	740					
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION				
3	STANDS		24	1 3/4	5/22-21921	OSC3	10-20	160	0	742	742	21 3/4					Good				
2	SINGLES	344-25	FT.																		
12	D.C.'S	353-77	FT.																		
2	SUB X.O.	6.38	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS									
1	SUB Bell	2.60	FT.	WEIGHT																	
	BIT OR C.B.		FT.	VISCOSITY	45	90	100	ADDITIVES													
			FT.	PUMP PRESSURE					CRL 20 sk												
	KELLY IN	35.00	FT.	R.P.M. PUMP NO. 1					WATER												
			FT.	R.P.M. PUMP NO. 2																	
TOTAL		742.00	FT.	PUMP NO. 1 LINER SIZE	5 1/4	PUMP NO. 2 LINER SIZE	5 1/8														

REMARKS	START	STOP	INT VAL
<i>Finish Trip out +</i>	<i>4:00</i>	<i>4:15</i>	<i>1/4</i>
<i>Run Break in Dummy Trip</i>	<i>4:15</i>	<i>4:30</i>	<i>1/4</i>
<i>Drill 13 3/4" hole</i>	<i>4:30</i>	<i>4:45</i>	<i>1/4</i>
<i>Circ + Cond mud</i>	<i>4:45</i>	<i>5:00</i>	<i>1/4</i>
<i>Dummy Trip</i>	<i>5:00</i>	<i>5:15</i>	<i>1/4</i>
<i>Circ + SURVEY</i>	<i>5:15</i>	<i>5:30</i>	<i>1/4</i>
<i>Pull out</i>	<i>5:30</i>	<i>5:45</i>	<i>3/4</i>
<i>Rig to Run Cswg</i>	<i>5:45</i>	<i>6:00</i>	<i>1/4</i>
<i>Run Cswg - 9 3/8</i>	<i>6:00</i>	<i>6:15</i>	<i>1/4</i>
<i>Welding Front + SHOR</i>	<i>6:15</i>	<i>6:30</i>	<i>1/4</i>

DRILL PIPE SIZE <i>4 1/2</i>	TYPE <i>X.N</i>	TOTAL NO. OF JOINTS <i>261</i>	DATE LAST SONSCOPED <i>-</i>	FOOTAGE DRILLED SINCE LAST SONSCOPED <i>38803</i>	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P. TESTED <i>NONE</i>	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER *J. H. H. H.*
APPROVED BY *J. H. H. H.*

DAY WORK RECORD

MANUFACTURER			TYPE	STROKE LENGTH	DATE		WELL NAME										DATE		REPORT NO.																													
NO. 1			Emco		750		LAST CASING SIZE		LAST CASING SET AT		RIG NO.		LOCATION		LSD.		SEC.		TWP.		RGE.		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.																									
NO. 2			Pulwell		214P		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS		DEGREES		REMARKS		TIME							
TOUR NO. 1			MIDNIGHT TO 8 A.M.		HOURS		NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAMED TO		CONDITION		START		STOP		INT VAL	
DRILLER			A. Schell		8		STANDS		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.	
DERRICK			H. Thomas		8		SINGLES		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.			
FLOOR			C. Dwyer		8		D.C.'S		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.			
FLOOR			J. Guter		8		SUB		FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS																					
FLOOR			D. Maclean		8		SUB		FT.		WEIGHT																																					
FIREMAN							BIT OR C.B.		FT.		VISCOSITY																																					
MECHANIC									FT.		PUMP PRESSURE																																					
INJURIES							KELLY IN		FT.		R.P.M. PUMP NO. 1																																					
									FT.		R.P.M. PUMP NO. 2																																					
TOTAL							PUMP NO. 1 LINER SIZE				PUMP NO. 2 LINER SIZE																																					
TOUR NO. 2			8 A.M. TO 4 P.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS		DEGREES		REMARKS		TIME							
DRILLER			W. Gustafson		8		0		59		59		6		1-3/4		3000		8		0		0		0		0		3750		New																	
DERRICK			P. Sorenson		8		NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAMED TO		CONDITION							
FLOOR			W. Ewack		8		STANDS		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.					
FLOOR			B. Blaven		8		SINGLES		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.					
FLOOR			A. Day		8		D.C.'S		30.67		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.		FT.					
FLOOR			A. Day		8		SUB		C0																																							

TOOLPUSHER

APPROVED BY

DAY WORK RECORD

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Knorr</i>	<i>D500</i>	<i>16</i>
NO. 2 <i>Calu-ell</i>	<i>2148</i>	<i>74</i>

DATE Dec 19, 1970

WELL NAME Atkinson Island River

DATE _____ REPORT NO _____

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC

RIG NO. 23

LOCATION LSD. 67 SEC. TWP. RGE

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

EACH EMPLOYEE MUST SIGN THIS BOOK		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS																		
DRILLER	<i>A. Pachold</i>	8																		
DERRICK	<i>H. Thomas</i>	8																		
FLOOR	<i>J. C. Day</i>	8																		
FLOOR	<i>J. Guter</i>	8																		
FLOOR	<i>E. Maclean</i>	8																		
FIREMAN																				
MECHANIC																				
INJURIES																				
			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
				STANDS	FT.															
				SINGLES	FT.															
				D.C.'S	FT.															
				SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
				SUB	FT.	WEIGHT														
				BIT OR C.B.	FT.	VISCOSITY					ADDITIVES									
					FT.	PUMP PRESSURE														
				KELLY IN	FT.	R.P.M. PUMP NO. 1														
						R.P.M. PUMP NO. 2														
			TOTAL	FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE														

[illegible]

TOUR NO. 2	HOUR:
8 A.M. TO 4 P.M.	

TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
DRILLER	W. Hustafson	9	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
DERRICK	P. Livingston	9	STANDS	FT.																
FLOOR	W. Ewack	9	SINGLES	FT.																
FLOOR	B. Blavin	9	D.C.'S	FT.																
FLOOR	A. Hay	9	SUB.	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			SUB	FT.	WEIGHT															
MECHANIC			BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
INJURIES				FT.	PUMP PRESSURE															
			KELLY IN	FT.	R.P.M. PUMP NO.1															
					R.P.M. PUMP NO.2															
			TOTAL	FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE														

[illegible]

TOUR NO. 3	
4 P.M. TO MIDNIGHT	HOUR

TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE	
DRILLER	Mitch Baychik	12	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
DERRICK	F. CATE	12	STANDS		FT.															
FLOOR	B. DAY	12	SINGLES		FT.															
FLOOR	H. MEYER	12	D.C.'S		FT.															
FLOOR	L. DEGBIRE	12	SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			SUB		FT.	WEIGHT														
MECHANIC			BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
INJURIES					FT.	PUMP PRESSURE														
			KELLY IN		FT.	R.P.M. PUMP NO. 1														
					FT.	R.P.M. PUMP NO. 2														
TOTAL				FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE														

[illegible]

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OR STRING
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.	

TOOLPUSHER J. Hibbard

APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE LAST CASING SET AT

DATE Dec 18, 1970

WELL NAME ATKINSON ISLAND RIVER

DATE Dec 18, 70

REPORT NO.

RIG NO. 3

LOCATION LSD. 42 60 21 121 SEC. 1 TWP. 1 RGE. 1

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
DRILLER <u>A. White</u> 9																
DERRICK <u>H. Thomas</u> 9																
FLOOR <u>C. Day</u> 9																
FLOOR <u>J. Gulek</u> 9																
FLOOR <u>D. McLean</u> 9																
FIREMAN																
MECHANIC																
INJURIES																
TOTAL																

REMARKS

Rigging up. 8:59

TOUR NO. 2
8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
DRILLER <u>W. Heston</u> 12																
DERRICK <u>R. Swinderson</u> 12																
FLOOR <u>W. Ewack</u> 12																
FLOOR <u>B. Blouin</u> 12																
FLOOR <u>A. Day</u> 12																
FIREMAN																
MECHANIC																
INJURIES																
TOTAL																

REMARKS
Rigging up. 8:00 8:00 12:00

TOUR NO. 3
4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
DRILLER <u>Mitch Boychuk</u> 16																
DERRICK <u>F. Cate</u> 16																
FLOOR <u>B. Day</u> 16																
FLOOR <u>H. Metke</u> 16																
FLOOR <u>L. DeGuzre</u> 16																
FIREMAN																
MECHANIC																
INJURIES																
TOTAL																

REMARKS
Rigging up. 8:00 12:00 16

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOC' PUSHER J. A. [Signature]
APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>Dec 17, 1970</u>		WELL NAME <u>Atkinson Island River</u>		DATE _____		REPORT NO. _____	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>3</u>		LOCATION <u>642 60° 2' N 121° 00' W</u>	
NO. 1			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
NO. 2										
EACH EMPLOYEE MUST SIGN THIS BOOK										
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS										
DRILLER <u>R. P. Hollett</u>	10		NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
DERRICK <u>Harvey Thomas</u>	12			STANDS	FT.					
FLOOR <u>L. D. Quinn</u>	10			SINGLES	FT.					
FLOOR <u>D. McLean</u>	8			D.C.'S	FT.					
FLOOR <u>Joe Guter</u>	8			SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.
FIREMAN				SUB	FT.	WEIGHT				
MECHANIC				BIT OR C.B.	FT.	VISCOSITY				
INJURIES					FT.	PUMP PRESSURE				
				KELLY IN	FT.	R.P.M. PUMP NO. 1				
					FT.	R.P.M. PUMP NO. 2				
				TOTAL	FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE		
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS										
DRILLER <u>Mitch Baychok</u>	12		NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
DERRICK				STANDS	FT.					
FLOOR				SINGLES	FT.					
FLOOR <u>H. Methe</u>	8			D.C.'S	FT.					
FLOOR				SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.
FLOOR				SUB	FT.	WEIGHT				
FIREMAN				BIT OR C.B.	FT.	VISCOSITY				
MECHANIC					FT.	PUMP PRESSURE				
INJURIES				KELLY IN	FT.	R.P.M. PUMP NO. 1				
					FT.	R.P.M. PUMP NO. 2				
				TOTAL	FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE		
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS										
DRILLER <u>W. Gustafson</u>	10		NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
DERRICK <u>P. Swenbjornson</u>	10			STANDS	FT.					
FLOOR <u>W. E. Wick</u>	10			SINGLES	FT.					
FLOOR				D.C.'S	FT.					
FLOOR				SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.
FLOOR				SUB	FT.	WEIGHT				
FIREMAN				BIT OR C.B.	FT.	VISCOSITY				
MECHANIC					FT.	PUMP PRESSURE				
INJURIES				KELLY IN	FT.	R.P.M. PUMP NO. 1				
					FT.	R.P.M. PUMP NO. 2				
				TOTAL	FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE		
DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING		
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.						

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS Rigging up TIME START 8:00 STOP 6:00 INT. VAL. 10

REMARKS Rigging up TIME START 8:00 STOP 8:00 INT. VAL. 12

REMARKS Rigging up TIME START 8:00 STOP 6:00 INT. VAL. 10

TOOLPUSHER J. Allen
APPROVED BY _____

DAY WORK RECORD

DATE DEC 15, 70 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC

PUMPS										DATE										REPORT NO.									
MANUFACTURER		TYPE		STROKE LENGTH		LAST CASING SIZE		LAST CASING SET AT		DATE										WELL NAME									
NO. 1										RIG NO.										LOCATION LSD. SEC. TWP. RGE.									
NO. 2										RIG NO.										LOCATION LSD. SEC. TWP. RGE.									
EACH EMPLOYEE MUST SIGN THIS BOOK										REMARKS										TIME									
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 4 8 A.M. TO 4 P.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 5 4 P.M. TO MIDNIGHT HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 6 8 A.M. TO 4 P.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 7 4 P.M. TO MIDNIGHT HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 8 8 A.M. TO 4 P.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 9 4 P.M. TO MIDNIGHT HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 10 8 A.M. TO 4 P.M. HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FIREMAN										REMARKS										TIME									
MECHANIC										REMARKS										TIME									
INJURIES										REMARKS										TIME									
TOUR NO. 11 4 P.M. TO MIDNIGHT HOURS										REMARKS										TIME									
DRILLER										REMARKS										TIME									
DERRICK										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS										TIME									
FLOOR										REMARKS																			

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Dec 15th 70 REPORT NO. _____

PUMPS		
MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

EACH EMPLOYEE MUST SIGN THIS BOOK		
TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS	
DRILLER <u>P. Acholt</u>	12	
DERRICK <u>H. Themas</u>	12	
FLOOR <u>L. Dequina</u>	12	
FLOOR		
FLOOR		
FIREMAN		
MECHANIC		
INJURIES		

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS		DEGREE
NO.		DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION	
		STANDS	FT.																	
		SINGLES	FT.																	
		D.C.'S	FT.																	
		SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS								
		SUB	FT.	WEIGHT																
		BIT OR C.B.	FT.	VISCOSITY					ADDITIVES											
			FT.	PUMP PRESSURE																
		KELLY IN	FT.	R.P.M. PUMP NO.1																
				R.P.M. PUMP NO.2																
TOTAL			FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE															

REMARKS			TIME		
START	STOP	INT VAL			
<u>Team Out Rig + Load and Trucks</u>			8 ⁰⁰	12 ⁰⁰	

TOUR NO. 2 8 A.M. TO 4 P.M.	HOURS	
DRILLER <u>Mitch Boychuk</u>	10	
DERRICK		
FLOOR		
FLOOR		
FLOOR		
FIREMAN		
MECHANIC		
INJURIES		

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE	
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION				
	STANDS		FT.																			
	SINGLES		FT.																			
	D.C.'S		FT.																			
	SUB		FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS										
	SUB		FT.	WEIGHT																		
	BIT OR C.B.		FT.	VISCOSITY					ADDITIVES													
			FT.	PUMP PRESSURE																		
	KELLY IN		FT.	R.P.M. PUMP NO.1																		
				R.P.M. PUMP NO.2																		
TOTAL			FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE															

REMARKS			TIME		
START	STOP	INT VAL			
<u>Rig up Camp (work on Camp)</u>			8 ⁰⁰	6 ⁰⁰	1 ⁰⁰

TOUR NO. 3 4 P.M. TO MIDNIGHT	HOURS	
DRILLER <u>W. Gustafson</u>	10	
DERRICK <u>P. Swinkjansen</u>	10	
FLOOR		
FLOOR		
FLOOR		
FIREMAN		
MECHANIC		
INJURIES		

FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT		SURVEYS		DEGREE			
NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAM-ED TO		CONDIT-ION	
		STANDS		FT.																															
		SINGLES		FT.																															
		D.C.'S		FT.																															
		SUB		FT.		MUD		4 P.M.		6 P.M.		8 P.M.		10 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS													
		SUB		FT.		WEIGHT																													
		BIT OR C.B.		FT.		VISCOSITY										ADDITIVES																			
				FT.		PUMP PRESSURE																													
		KELLY IN		FT.		R.P.M. PUMP NO. 1																													
						R.P.M. PUMP NO. 2																													
TOTAL				FT.		PUMP NO. 1 LINER SIZE						PUMP NO. 2 LINER SIZE																							

REMARKS			TIME		
START	STOP	INT VAL			
<u>Team out Sub. 800 & Derrick and load out. Trucks</u>			8 ⁰⁰	6 ⁰⁰	1 ⁰⁰

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPIED	FOOTAGE DRILLED SINCE LAST SONOSCOPIED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER J. Hilberd
APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER TYPE STROKE LENGTH

NO. 1
NO. 2

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER *P. Scholtz* 10

DERRICK *H. Thomas* 10

FLOOR *L. Dequire* 10

FLOOR

FLOOR

FLOOR

FIREMAN

MECHANIC

INJURIES

INJURIES

INJURIES

INJURIES

INJURIES

INJURIES

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INJURIES

DATE *Dec 14, 1976*

WELL NAME _____

RIG NO. *3* LOCATION LSD. _____ SEC. _____ TWP. _____ RGE. _____

DATE *Dec 14, 1976* REPORT NO. _____

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK		FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS		DEGREES			
TOUR NO.1 MIDNIGHT TO 8 A.M.		HOURS																				
DRILLER		10	NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION	
DERRICK		10		STANDS		FT.																
FLOOR		10		SINGLES		FT.																
FLOOR				D.C.'S		FT.																
FLOOR				SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN				SUB		FT.	WEIGHT															
MECHANIC				BIT OR C.B.		FT.	VISCOSITY					ADDITIVES										
INJURIES						FT.	PUMP PRESSURE															
				KELLY IN		FT.	R.P.M. PUMP NO.1															
						FT.	R.P.M. PUMP NO.2															
TOTAL						FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	START	STOP	INT VAL
<i>Drive from 2nd Nelson to rig and load out camp + rig</i>	<i>1200 Noon</i>	<i>10 PM</i>	<i>10</i>

TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
DRILLER			NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
DERRICK				STANDS	FT.																
FLOOR				SINGLES	FT.																
FLOOR				D.C.'S	FT.																
FLOOR				SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN				SUB	FT.	WEIGHT															
MECHANIC				BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
INJURIES					FT.	PUMP PRESSURE															
					FT.	R.P.M. PUMP NO.1															
					FT.	R.P.M. PUMP NO.2															
			TOTAL		FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE														

REMARKS	START	STOP	INT VAL
<i>Work on Camp - Rig up Camp</i>	<i>800</i>	<i>600</i>	<i>10</i>

TOUR NO. 3 4 P.M. TO MIDNIGHT		HCJRS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
DRILLER	W. Christensen	12.	NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM- ED TO	CONDIT- ION
DERRICK	R. Swainby	12.	STANDS		FT.																
FLOOR			SINGLES		FT.																
FLOOR			D.C.'S		FT.																
FLOOR			SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			SUB		FT.	WEIGHT															
MECHANIC			BIT OR C.B.		FT.	VISCOSITY					ADDITIVES										
INJURIES					FT.	PUMP PRESSURE															
			KELLY IN		FT.	R.P.M. PUMP NO. 1															
						R.P.M. PUMP NO. 2															
			TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	START	STOP	INT VAL
<i>Drive from 2nd Nelson to Rig and load out camp & Rig up at New location</i>	<i>1200</i>	<i>1200</i>	<i>12 hrs</i>

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		

TOOLPUSHER *J. N. Bar*
APPROVED BY _____

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE LAST CASING SET AT

DATE

WELL NAME

DATE Dec 15, 70

REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE

"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO.1 MIDNIGHT TO 8 A.M. HOURS

RIG NO. LOCATION LSD. SEC. TWP. RGE.

DRILLER

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
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DERRICK

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
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FLOOR

STANDS		FT.															
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FLOOR

SINGLES		FT.															
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FLOOR

D.C.'S		FT.															
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FLOOR

SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	5 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
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FIREMAN

SUB		FT.	WEIGHT														
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MECHANIC

BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
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INJURIES

		FT.	PUMP PRESSURE														
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TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
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DRILLER Mich Bogchuk 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
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DERRICK

STANDS		FT.															
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FLOOR

SINGLES		FT.															
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FLOOR

D.C.'S		FT.															
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FLOOR

SUB		FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
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FIREMAN

SUB		FT.	WEIGHT														
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MECHANIC

BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
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INJURIES

		FT.	PUMP PRESSURE														
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TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
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DRILLER W. Gustafson 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
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DERRICK

STANDS		FT.															
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FLOOR

SINGLES		FT.															
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FLOOR

D.C.'S		FT.															
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FLOOR

SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
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FIREMAN

SUB		FT.	WEIGHT														
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MECHANIC

BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
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INJURIES

		FT.	PUMP PRESSURE														
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TOUR NO. 4 12 A.M. TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
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DRILLER W. Gustafson 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
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DERRICK

STANDS		FT.															
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FLOOR

SINGLES		FT.															
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FLOOR

D.C.'S		FT.															
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FLOOR

SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	5 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
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FIREMAN

SUB		FT.	WEIGHT														
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MECHANIC

BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
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INJURIES

		FT.	PUMP PRESSURE														
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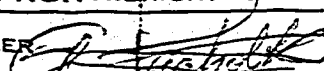
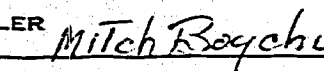
DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER J. Wilkerson
APPROVED BY J. Wilkerson

DAY WORK RECORD

DATE DEC 12, 70. REPORT NO.

PLEASE SHOW LOGS MADE WHILE
"CONTROL DRILLING" AS WELL AS LOGS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS			WELL NAME _____										DATE <u>DEC 12, 72</u> REPORT NO. _____								
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE _____		RIG NO. _____ LOCATION <u>LSD</u> _____ SEC. _____ TWP. _____ RGE. _____										PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.		
NO. 1			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	REMARKS	TIME
NO. 2																					
EACH EMPLOYEE MUST SIGN THIS BOOK																					
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																					
DRILLER																					
DERRICK																					
FLOOR																					
FLOOR																					
FLOOR																					
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS																					
DRILLER																					
DERRICK																					
FLOOR																					
FLOOR																					
FLOOR																					
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS																					
DRILLER																					
DERRICK																					
FLOOR																					
FLOOR																					
FLOOR																					
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
TOOLPUSHER _____																					