

SCURRY CWN SUP KMG FPC

SIBBESTON L. G-24

WELL NAME Security Oil Sup EED FPC Gibbston L. C-24

FIELD LOCATION: Well G Area 24 Section 24 Grid 61-20-122-30
 Latitude 61-23-23.758 Longitude 122-34-41.068
 U.W.L.R. 61.55660 -- 122.57808
 U.W.L. 300522.615012200

Rig Release Date
 Status
 Information Release Date

CHANGE OF NAME

DATE RECEIVED	INDEX
24/2/69	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
19/3/70	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells - Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells - Vitter's Method.
	M.P.R. - Oil - Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	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. 393

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well on Suspended Drilling

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

Name and number of well Scurry Co. S.D. 100 FPC S.D. L. G-21

Location: Unit 9 Section 24 Grid 61° 40' 122° 30'

Latitude 61° 33' 23.758" Longitude 122° 34' 0.068"

From Established Reference Marker Trig Sta. 62-4-191 Elev. 5039'

Universal Well Location Reference Lat. 61.55660 N, Long 122.57808 W

Permit No. 3279

Lease No. _____

French Petroleum Co. of Canada Ltd.
(Production, Licence, Lease)

Date of commencement of proposed program March 8th, 1970

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at N/A

Gas at N/A

Water at N/A

Total Depth 3410

Date of last operations March 9, 1970

Present condition of well Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At	Sacks of Cement and Additives	Amount Pulled
10-3/4	40.5#	19 fts	627	394 sacks cement + 2% CaCl ₂	None
2					
3					
4					
5					

PROPOSED ABANDONMENT PROGRAM

No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	1735 - 1485	Hume	135	3% CaCl ₂
2	680 - 580	Horn River Shale	60	3% CaCl ₂
3	Surface Plug, riser and name plate.			

The following logs have been run Dresser Atlas BHE Acoustilog, Dresser Atlas Sidewall Neutron
Other operations proposed N/A Gamma Ray, Induction Electrolog
& Velocity Log.

Operations to be carried out by Commonwealth Drilling Contractor Licence No. 575

Address 202 Dime Building, Calgary Address Hay River, N.W.T.

Responsible Agent in field E. Griggs

Dated at Calgary this 17th Day of March 1970

Signed by D. H. Logan Company Scurry-Rainbow Oil Limited

Title Production Manager Operator's Exploratory Licence No. 1212

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 given by Mr. G. R. Hine
on the 6th March 1970.

Dated 19th March 1970

Conservation Engineer

Drilling Authority No. 395

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application for a Drilling Authority

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

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

Name and number of well Scurry Clin Sup KMG FPC SFB L G-2/

Location: Unit G Section 24 Grid 61° 40'; 122° 30'

Latitude 61° 33' 21.758" Longitude 122° 34' 41.063"

Unique Well Identifier 3006246140122300

Universal Well Location Reference Lat. 61.55660° N., Long. 122.57808° W.

Elevation: Ground 1702.3 K.B. feet above sea level.

Well is expected to produce from Devonian Hume formation at a depth of about 2500 feet. Expected total final depth 3585

Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 2279 Lease No. Acreage 60.948

Permitter, licensee, or lessee Branch Petroleum

Exploratory Licence No. 1256

Surface owned by Crown or Crown

(If allocated, submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by Crown

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

Casing Size O.D. (Inches)	Weight (Lbs./Ft.)	Grade	New or Used	Estimated Depth	Section of Cement
1. 30-3/4"	40.5	J55	New	600	400
2.					
3.					
4.					
5.					

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

Weighted drilling mud and Schaeffer Hydrill Blow-out preventers.

Well will be drilled with Rotary Rig No. 12 by Commonwealth Drilling Co. Ltd.

(Drilling Contractor or company)

Responsible agent of applicant:—

Contractor's business Licence No. 575

At well E. GRIEBS

At registered office D. H. Logan

Address Ft. Simpson, N.W.T.

Address 539 - 8th Avenue S.W. Calgary

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

Dated at Calgary this 17th day of December 1969

Signed by D. H. Logan Company Scurry-Rainbow Oil Limited

Title Production Manager Operator's Licence No. 1212

(For Oil and Mineral Division use only)

APPROVED

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

1. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
2. During well drilling and testing operations, every effort shall be made to ensure

Dated 24 December 1969

Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,

Department of Indian Affairs and Northern Development, Calgary, Alberta.

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.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
4. Production or intermediate casing programs shall be approved by the Oil Conservation Engineer.

B.H. Thomas
B.H. Thomas, Oil Conservation Engineer

Scurry Cdn Sup K&G FPG Sibb L G-24

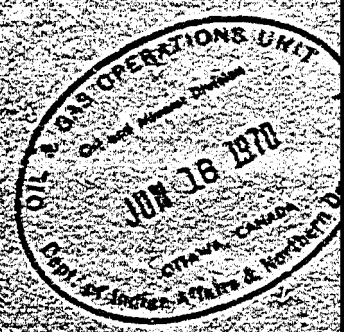
WELL HISTORY REPORT

15-11-4-12

15-11-4-12

WELL HISTORY REPORT

Sourby Con Sup RMG REC Sibb I G-24



March 1970

Sentry Cdn. Sh. KMG FPC Sibb L G-24

INDEX

SECTION I

SUMMARY OF WELL DATA

SECTION II

GEOLOGICAL SUMMARY

SECTION III

ENGINEERING SUMMARY

SECTION I - SUMMARY OF WELL DATA

(a) Well Name: Scurry Con Sep E&L F&O S&B L G-24

(b) Permittee: French Petroleum Co. of Canada Ltd.

(c) Operator: Scurry-Rainbow Oil Limited, 539 - 8th Avenue S.W.,
Calgary 43, Alberta.

* (d) Location: Unit G, Section 24, Grid 61° 40'; 122° 30'

(e) Co-ordinates: 61° 33' 23.758"N. 122° 24' 42.069"W.

(f) Permit No. : 3279

(g) Drilling Contractor: Commonwealth Drilling (Northern) Ltd.
Rig #12

(h) Drilling Licence No. : 393 issued 24th December 1969

(i) Classification: Wildcat

(j) Elevations: G.L. 1702.3
K.B. 1715.3

(k) Date Spudded: February 4, 1970

(l) Completed Drilling: March 6, 1970

(m) Total Depth: 3410 K.B.

(n) Well Status: Dry and Abandoned

(o) Rig Release: March 9, 1970

(p) Hole Size: 0 - 630 x 15" bit
630 - 2808 x 8 3/4" bit
2808 - 3410 x 7 7/8" bit

(q) Surface Casing: Ran 19 jts. of 10 1/2" I-55 40.5# casing.
Cemented with 394 sacks of cement + 2% CaCl₂.
Casing landed at 627.62 ft. I.B. Plug down
9:51 A.M. February 9, 1970.

Ran 20" Conductor Pipe to 36'. Cemented with
10 sacks cement.

* Universal Well Location Reference: Lat. 61.55660° N., Long. 122.57808° W.

Unique Well Identifier: 300G246140122300

GEOLOGICAL MARKERS

Scurry COR SUP KMG PPC Sibs L G-24
61°33'23.728"N. 122°34'41.068"W.

SAMPLE MARKERS

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
DEVONIAN		
Spence River	1536	+ 179
Hume	1606	+ 109
SILURIAN-ORDOVICIAN	2000	- 285
CAMBRIAN	2517	- 802
Green Beds	3050	-1335
Red Beds	3154	-1439
PRECAMBRIAN(?)		
Basal Quartzite	3172	-1457

LOG MARKERS

DEVONIAN		
Haze Indian River		- SPUD IN -
Spence River	1536	+ 179
Hume	1606	+ 109
SILURIAN-ORDOVICIAN	2000	- 285
CAMBRIAN	2517	- 802
Green Beds	3050	-1335
Red Beds	3154	-1439
PRECAMBRIAN(?)		
Basal Quartzite	3172	-1457

CORES - None

GEOLOGICAL SUMMARY

SAMPLE DESCRIPTIONS

- NOTE: - SAMPLES WERE UNLAGGED AND CAUGHT AT 10 FOOT INTERVALS FROM 40 TO 1450 FT.
- SAMPLES WERE LAGGED 1 MINUTE PER 100 FEET AND CAUGHT AT 10 FOOT INTERVALS FROM 1450 FT. TO TOTAL DEPTH.
 - CONDUCTOR PIPE WAS SET - THEREFORE SAMPLE STUDY STARTS AT 40 FT.
 - SAMPLES VIEWED WET AND THEN DRIED.

- 40 - 270 SHALE: dark gray to black, fissile to blocky, non-calcareous, micromicaceous, becoming very silty towards base, trace fish scales, trace plant remains.
- Some free CALCITE and PYRITE
- Few SILTSTONE stringers.
- 270 - 420 SHALE: gray to dark gray, greenish-gray, trace green, fissile, non-calcareous, micromicaceous, silty
- Some free CALCITE and PYRITE
- Trace SILTSTONE stringers
- 420 - 530 SHALE: greenish-gray to grey, fissile, non-calcareous, micromicaceous, silty in part
- Trace SILTSTONE stringers
- 530 - 630 SHALE: greenish-gray to dark gray to black, fissile, non-calcareous, micromicaceous, waxy in part
- 630 - 710 INTERBEDDED SHALE AND SILTSTONE
- SHALE: dark gray to black, fissile to blocky, non-calcareous, silty, micromicaceous, trace plant remains
- SILTSTONE: light buff-gray to buff, blocky, slightly calcareous, slightly arenaceous
- 710 - 1206 SHALE WITH INTERBEDS SILTSTONE
- SHALE: as above, silty to very silty, trace pyritic, slightly calcareous in small part.
- Some interbeds and stringers of SILTSTONE: as above.
- 1206 - 1260 SHALE: as above with plant remains
- Trace stringers SILTSTONE: as above

1260 - 1380

SHALE AND LIMESTONE

SHALE: dark grey to black, fissile to blocky, non-calcareous to calcareous in part, silty to very silty, micromicaceous, very pyritic in small part, some plant remains, becoming bituminous?

LIMESTONE: gray-brown to dark grey-brown, micro to very finely crystalline, very shaly, mica flakes, dense, non-fossiliferous, bituminous?; tight, no live oil staining.

1380 - 1536

SHALE: very dark grey to black, blocky, non-calcareous to very slightly calcareous in part, micromicaceous, very silty, trace plant remains, carbonaceous in part

Trace LIMESTONE interbeds: as above

DEVONIAN - SPENCE RIVER 1536 (.179)

1536 - 1606

CARBONACEOUS SHALE: black, blocky, non-calcareous, micromicaceous, very hard, plant remains, abundant imbedded pyrite crystals, some pyrite and calcite veining, free pyrite in sample tray

DEVONIAN - HUME 1606 (.109)

1606 - 1612

LIMESTONE: light grey, grey-brown to dark brown, microcrystalline to microgranular, bituminous in most part, indistinct fragments - pellets (?) and very slender needle-like prisms; no visible porosity or live oil staining.

Some LIMESTONE: dark brown, cryptocrystalline, bituminous, very dense; tight, no live oil staining.

1612 - 1622

LIMESTONE: brown to dark brown, grey-brown, light gray in small part, microcrystalline to microgranular, bituminous, some white calcite mottling, bioclastic debris-pellets (?) and very slender needle-like prisms, stroms (?) abundant free-floating colorless to white perfect quartz crystals and clusters (possible vug linings), some chunks of clear massive quartz; no visible matrix porosity, vuggy porosity inferred due to vug linings, no visible live oil staining, no fluorescence, no cut in ccl₄ (see DST #1)

1622 - 1670

LIMESTONE: as above with little free-floating quartz crystals and clusters; no visible matrix porosity, no visible live oil staining.

1670 - 1810

LIMESTONE: grey-brown to brown, dark brown to brownish-black, black, light grey to grey, light buff-grey, micro to very finely crystalline to cryptocrystalline, very bituminous in most part, white calcite mottling and veining, some free floating calcite in sample tray, slightly argillaceous in part, very dense, trace possible fossil debris-appeared non-fossiliferous, some scattered disseminated pyrite crystals; no visible matrix porosity, no visible live oil staining, some black pyrobitumen.

Few interbeds [CHALKY LIMESTONE]: white to light grey, crease, friable to soft, microgranular to chalky; no visible porosity.

1810 - 1950

LIMESTONE: as above - predominately dark brown to black in color and cryptocrystalline, very bituminous; no visible porosity or live oil staining, no fluorescence, no cut in calc.

1950 - 1982

LIMESTONE: as above - predominately grey to dark grey-brown to dark brown in color; no visible porosity or live oil staining.

1982 - 2000

LIMESTONE WITH SHALE INTERBEDS

LIMESTONE: as above with scattered imbedded pyrite crystals; no visible porosity or live oil staining.

SHALE: grey-green, blocky, non-calcareous, pyritic.

SILURIAN - ORDOVICIAN 2000 (-285)

2030 - 2160

DOLomite: white, brownish-white to dark brown in small part, coarsely crystalline - rhombohedral, appeared pelletoidal, crinoidal or birdseye in small part (?), scattered imbedded pyrite crystals and flakes, some free pyrite in sample tray, trace free quartz in sample tray; trace very poor visible intercrystalline porosity, some dead oil staining - black pyrobitumen.

2160 - 2188

DOLomite: as above except light greyish-white to light grey in color, white in part, light brown to light brownish-grey and micro to very finely crystalline in part, very dense in part, few scattered isolated microwugs; some poor microwuggy porosity (<5%), some dead oil staining - black pyrobitumen

2188 - 2290

DOLomite: light grey to grey to brownish-grey, micro to medium crystalline at top becoming micro to very finely crystalline towards base, argillaceous, very dense, appeared non-fossiliferous, trace pyritic; no visible porosity, no live oil staining, trace black pyrobitumen.

2290 - 2320

DOLomite: gray-brown to dark grey-brown, dark brown, micro to very finely crystalline, bituminous, slightly argillaceous, appeared non-fossiliferous, very dense, trace pyritic, trace free quartz crystals, some colorless to white crystalline dolomite infilling and veining; no visible porosity or live oil staining.

2320 - 2370

DOLomite: dark grey-brown, micro to very finely crystalline, bituminous, non-fossiliferous, very dense, scattered colorless to white crystalline dolomite mottling, colorless to white dolomite crystals free in sample tray, trace calcite veining; no visible porosity or live oil staining.

2370 - 2440

DOLomite: buff to light brown to gray-brown, light grey to light buff-grey, dark grey-brown in small part, micro to very finely crystalline, bituminous in part, appeared non-fossiliferous, very dense, some disseminated pyrite, scattered colorless to white crystalline dolomite mottling and infilling; no visible porosity or live oil staining, scattered black pyrobitumen.

2440 - 2517

INTERBEDDED DOLOMITES

DOLomite: as above

DOLomite: dark grey-brown to brownish-black, micro to very finely crystalline, bituminous, very dense, non-fossiliferous, trace pyritic, some white dolomite mottling and infilling, some free colorless to white coarsely crystalline dolomite in sample tray; trace microvuggy porosity no live oil staining, scattered black pyrobitumen.

DOLomite: white to very light gray, cream to light buff, light gray, very finely crystalline to microgranular to chalky, friable; no visible porosity or oil staining.

TOP CAMBRIAN 2517 (-802)

2517 - 2540

ARENACEOUS DOLomite AND SANDSTONE

ARENACEOUS DOLomite: light gray, micro to very finely crystalline, abundant imbedded quartz grains; no visible porosity or oil staining.

SANDSTONE: colorless to white, light grey to brownish-grey, very fine to medium grained, angular to sub-angular, very calcareous, pyritic in part; some visible intergranular porosity, no visible oil staining.

Abundant colorless to white CALCITE floating free in sample tray.

2540 - 2560

QUARTZITIC SANDSTONE: light grey to grey, slight greenish tinge in part, trace pink to pinkish-red feldspar mottling, very fine to fine grained, few medium sized grains, non-calcareous, very well cemented - siliceous cement, very hard, mica flakes, pyrite crystals, flakes and few veinlets; tight, no oil staining.

Few interbeds cream to very light green, dense SILTSTONE

2560 - 3050

QUARTZITIC SANDSTONE AND QUARTZ

QUARTZITIC SANDSTONE: colorless to white, very light grey to grey and light green in small part, some very light pink to pink, pinkish-red, pinkish-orange to bright orange feldspar mottling and specks becoming very abundant in places, very fine to medium grained with numerous coarse grains in parts, angular to sub-angular, fair sorting, non-calcareous, very well cemented - siliceous cement, very hard, imbedded pyrite crystals and flakes, trace pyrite veinlets, some mica flakes - muscovite and trace biotite; tight, no oil staining.

Irregular chips and fragments of clear angular QUARTZ with some feldspar mottling as above and imbedded pyrite crystals.

Some stringers and interbeds of cream to light buff and light green, very dense, micaceous SILTSTONE

Stringers white weathered CHERT

Few interbeds dark grey, hard SHALE (cavings ?)

Few interbeds brown DOLOMITE (cavings ?) in very small part.

Trace grey to greenish-grey SILTSTONE interbeds towards base

GREEN BEDS 3050 (-1335)

3050 - 3154

QUARTZITIC SANDSTONE AND SILTSTONE (Late-Sediments ?)

QUARTZITIC SANDSTONE: light to dark green, greenish-white, colorless in part, mauve to purple in part at top, some dark green mottling and specks, silty to very fine grained, non-calcareous, feldspars, some imbedded pyrite, some mica flakes - muscovite; tight, no oil staining.

SILTSTONE: light gray, light buff to light greenish-buff, light to dark green, mauve-grey to mauve with purple mottling near top, non-calcareous, very dense and hard, muscovite flakes; tight, no oil staining.

Some interbeds SHALE: mauve to purplish-grey, purplish-brown, blocky, non-calcareous, micromicaceous, scattered disseminated pyrite, very silty - grading to siltstone.

Some soft, light gray to white SILTSTONE with green mottling in part.

White weathered CHERT

Some QUARTZITIC SANDSTONE and QUARTZ as from 2560 - 3050

RED BEDS 3154 (-1439)

3154 - 3172

VARICOLORED QUARTZITIC SANDSTONE AND SILTSTONES (Meta-Sediments ?)

Maroon to orange-red, light to dark green, greenish-white, light pink to pink, colorless to white, buff, light gray, mottling, silty to very fine grained, feldspar, muscovite flakes, imbedded pyrite, soft to hard; no porosity or oil staining.

Irregular chips and fragments of clear angular QUARTZ with feldspar and some imbedded pyrite.

TOP PRECAMBRIAN ? (BASAL QUARTZITE) 3172 (-1457)

3172 - 3410

QUARTZITE: clear, angular, extremely hard.

3410

TOTAL DEPTH (Driller)

3407

TOTAL DEPTH (Dresser Atlas)

DRILL SITE LOGDST #1:

1600 - 1630 (27 feet stroke) 1/2 inch stroke

TEST TESTED: DEVENIAN-WHITE

ISI 60 mins., VO 90 mins., FSI 60 mins.

Very small air blow dying in 2 minutes

RECOVERY:

5 ft. prod.

PRESSURES:

ISIP 48

FSIP 48

IHP 770

FHP 770

IFP 32

FFP 40

Field pressures reported

CASING RECORD:

Ran 628.67 ft. (19 joints) of 10-3/4" J-55, 40.5 lb. mannesmann casing cemented with 394 sacks cement plus 2% CaCl₂. Casing landed at 627.62 ft. L.B. Plug down 9:51 A.M. February 9, 1970.

CONDUCTOR PIPE: The rat hole digging company dug the rat hole and set 24 feet of 20-inch culvert as a loose conductor. There were problems with this conductor pipe and it was cemented in place on February 5th at 136' K.B. using approximately 10 sacks cement.

BIT RECORD

<u>BIT</u>	<u>TYPE</u>	<u>SIZE</u>	<u>CUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>FLUID PRESSURE</u>
1A	DSCJ (Drill)	15"	132	132	6 1/4	10,000	50	200
2A	VSICJ (Drill)	8 3/4"	630	498	24 3/4	10,000	50	750
3A	Pilot Reamer (Ream)	15"	630	498	51 1/4	15,000	90	250
1	DSCJ (Drill)	8 3/4"	932	302	13 1/4	6,000	50	950
2	XLCJ (Drill)	8 3/4"	1610	578	29 3/4	12,000	90	950
3	XSSR (Drill)	8 3/4"	2510	900	108 1/4	34,000	45	900
4	XSSR (Drill)	8 3/4"	2805	295	62 3/4	35,000	45	1000
5	M7J (Ream)	8 3/4"	2805	90	9 1/2	4,000	55	900
	(Drill)	8 3/4"	2808	3	1	18,000	45	900
6	SACJ (Ream)	8 3/4"	2808	50	10 1/2	4,000	55	900
7	M7UCJ (Ream)	8 3/4"	2808	60	3 1/4	4,000	50	800
8	RC1 (Drill)	7 7/8"	2973	165	40 1/4	30,000	50	900
9	RC3 (Ream)	7 7/8"	2973	165	8 3/4	2,000	50	450
10	RC1 (Ream)	7 7/8"	2973	40	1 3/4	2,000	50	900
	(Drill)	7 7/8"	2997	24	7 1/2	20,000	50	900
11	RC7 (Ream)	7 7/8"	2997	90	4 3/4	2,000	50	850
	(Drill)	7 7/8"	3032	35	14 1/4	12,000	54	850
12	RC3 (Ream)	7 7/8"	3032	131	5 3/4	2,000	54	450
13	RC1 (Drill)	7 7/8"	3062	30	12	15,000	47	875
14	RC1 (Drill)	7 7/8"	3113	51	20	20,000	47	875
15	RC1 (Drill)	7 7/8"	3203	90	27 3/4	25,000	47	900
16	RC1 (Drill)	7 7/8"	3325	122	31 1/2	30,000	47	900
17	RC3 (Ream)	7 7/8"	3325	122	6 1/4	2,000	47	500
18	RC1 (Drill)	7 7/8"	3385	60	15	20,000	45	900
19	RC1 (Ream)	7 7/8"	3385	60	2 3/4	2,000	45	900
	(Drill)	7 7/8"	3410	25	11 1/2	15,000	47	900

TOTAL DEPTH (DRILLER): 3410 ft.

NOTE: REAMING INDICATED IN BITS 5 - 19 WAS REAMING UNDER-GAUGE HOLE.

FIELD RECORD
(8:00 A.M. STATUS)

<u>DATE</u>	<u>DEPTH</u>	<u>TYPE</u>	<u>WT.</u>	<u>VIS.</u>	<u>WATER LOSS</u>	<u>PH</u>	<u>FILTER CAKE</u>	<u>OPERATION</u>
Feb. 4/70	40	Cal-Line	8.5	30	-	-	-	surface hole
Feb. 5/70	457	Cal-Line	9.2	75	-	-	-	surface hole
Feb. 6/70	630	Cal-Line	9.8	80	-	-	-	surface hole
Feb. 7/70	424	Cal-Line	9.1	80	-	-	-	reaming 15"
Feb. 8/70	560	Cal-Line	9.8	100	-	-	-	reaming 15"
Feb. 9/70	630	Cal-Line	9.9	150	-	-	-	reaming 15"
Feb. 10/70	630	-	-	-	-	-	-	preparing up
Feb. 11/70	689	EC Poly	8.4	34	25.0	12.0	2/32	drilling 8 3/4"
Feb. 12/70	1054	XC Poly	8.9	38	15.6	12.0	2/32	drilling 8 3/4"
Feb. 13/70	1555	XC Poly	9.4	60	10.0	12.0	2/32	drilling 8 3/4"
Feb. 14/70	1720	XC Poly	9.3	47	9.8	11.0	2/32	drilling 8 3/4"
Feb. 15/70	1921	XC Poly	9.2	40	9.2	12.0	2/32	drilling 8 3/4"
Feb. 16/70	2139	XC Poly	9.3	40	8.0	11.0	2/32	drilling 8 3/4"
Feb. 17/70	2330	XC Poly	9.4	43	9.4	10.5	2/32	drilling 8 3/4"
Feb. 18/70	2497	XC Poly	9.2	43	9.8	10.0	2/32	drilling 8 3/4"
Feb. 19/70	2593	XC Poly	9.3	43	10.6	8.5	2/32	drilling 8 3/4"
Feb. 20/70	2697	XC Poly	9.3	42	11.0	9.0	2/32	drilling 8 3/4"
Feb. 21/70	2800	XC Poly	9.3	42	9.8	10.5	2/32	drilling 8 3/4"
Feb. 22/70	2808	XC Poly	9.1	47	9.4	9.0	2/32	reaming 8 3/4"
Feb. 23/70	2808	XC Poly	9.0	46	8.6	10.5	2/32	tripping
Feb. 24/70	2867	XC Poly	9.1	44	8.6	10.5	2/32	drilling 7 7/8"
Feb. 25/70	2970	XC Poly	9.1	40	8.6	10.5	2/32	drilling 7 7/8"
Feb. 26/70	2990	XC Poly	9.1	41	8.6	10.0	2/32	drilling 7 7/8"
Feb. 27/70	3025	XC Poly	9.1	40	8.6	10.0	2/32	drilling 7 7/8"
Feb. 28/70	3050	XC Poly	9.1	40	8.0	10.0	2/32	drilling 7 7/8"
Mar. 1/70	3095	XC Poly	9.0	42	7.6	8.5	2/32	drilling 7 7/8"
Mar. 2/70	3142	XC Poly	9.0	42	8.0	9.0	2/32	drilling 7 7/8"

WID RECORD (continued)

<u>DATE</u>	<u>DEPTH</u>	<u>TYPE</u>	<u>WT.</u>	<u>WTR.</u>	<u>WATER LOSS</u>	<u>DM</u>	<u>FILTER CAKE</u>	<u>OPERATION</u>
Mar. 3/70	3214	XC Poly	9.1	43	8.8	9.0	2/32	drilling 7 7/8"
Mar. 4/70	3305	XC Poly	9.1	42	8.4	10.0	2/32	drilling 7 7/8"
Mar. 5/70	3336	XC Poly	8.9	40	8.2	8.5	2/32	drilling 7 7/8"
Mar. 6/70	3391	XC Poly	8.9	40	7.8	10.5	2/32	drilling 7 7/8"
Mar. 7/70	3410	XC Poly	8.9	69	6.2	8.5	2/32	logging

TOTAL DEPTH(DRILLER): 3410 ft.

TOTAL FMO ADDITIVES

DATE	GEL	LIFE	FLASHER	DISCARD	KELZAM	CHEM ALUM	PERMIDE	C.M.C.	CAUSTIC SODA
Feb. 4/70	3000 lbs.								
Feb. 5/70	2500 lbs.	100 lbs.							
Feb. 6/70	2200 lbs.	25 lbs.							
Feb. 7/70	3500 lbs.	100 lbs.							
Feb. 8/70	2500 lbs.		50 lbs.						
Feb. 9/70	3800 lbs.								
Feb. 11/70	1600 lbs.		200 lbs.	200 lbs.	200 lbs.	50 lbs.	30 lbs.		
Feb. 12/70	500 lbs.			200 lbs.				200 lbs.	
Feb. 13/70	1000 lbs.				50 lbs.	20 lbs.		50 lbs.	50 lbs.
Feb. 14/70	600 lbs.				50 lbs.			50 lbs.	
Feb. 15/70	500 lbs.				50 lbs.				
Feb. 16/70	1100 lbs.				100 lbs.			100 lbs.	
Feb. 17/70	1000 lbs.								
Feb. 18/70	1000 lbs.		100 lbs.		100 lbs.	50 lbs.		100 lbs.	
Feb. 19/70	500 lbs.								50 lbs.
Feb. 20/70	500 lbs.								
Feb. 21/70	2000 lbs.				75 lbs.			50 lbs.	50 lbs.
Feb. 22/70	1700 lbs.				25 lbs.			50 lbs.	100 lbs.
Feb. 24/70	1000 lbs.								
Feb. 25/70					50 lbs.			50 lbs.	

TOTAL TWO ADDITIVES (continued)

DATE	GEL	FLASIER	ALCARR	NEZAR	CURCHALL	DOMISIE	C.H.E.	CALCIC 1001
Feb. 26/70	1300 lbs.			50 lbs.				
Feb. 28/70	900 lbs.			50 lbs.	10 lbs.			
Mar. 1/70	900 lbs.			25 lbs.				50 lbs.
Mar. 2/70								50 lbs.
Mar. 3/70							50 lbs.	
Mar. 4/70					10 lbs.			
Mar. 5/70	1100 lbs.	40 lbs.		50 lbs.	15 lbs.			
Mar. 6/70	700 lbs.			25 lbs.			25 lbs.	
Mar. 7/70	<u>500 lbs.</u>						<u>25 lbs.</u>	
<u>TOTAL USED</u>	36,900 lbs.	225 lbs.	400 lbs.	900 lbs.	155 lbs.	30 lbs.	750 lbs.	350 lbs.

DEVIATION SURVEYS

<u>DEPTH</u>	<u>NUMBER OF DEGREES</u>
104	1 1/4
130	3/4
160	1/2
218	1/2
270	1/4
329	1 1/8
360	7/8
390	7/8
450	3/4
485	1 1/4
516	1 1/4
546	2 1/2
576	1
608	3/4
638	1 1/8
692	3/4
754	1 3/4
786	1 1/4
816	2 1/2
847	1 1/2
875	1
908	1 1/4
940	3/4
970	1
1002	1 1/2
1031	1 1/8
1066	1 3/4

DEVIATION SCHEDULE (continued)

<u>DEPTH</u>	<u>NUMBER OF DEGREES</u>
1125	1
1188	1
1250	1
1313	1
1376	1 1/2
1437	1/2
1490	3/4
1610	1
1779	1 1/8
1930	3/4
2119	1/2
2338	1 1/8
2432	1 1/8
2510	1 1/4
2656	2
2750	1 3/4
2867	1 1/2
2973	2 3/4
3052	3 1/8
3306	3
3410	2

TOTAL DEPTH (CHILLER): 3410 ft.

ADDITIONAL PLUGS:

PLUG #1: 1774 - 1885 with 12% water cement + 3% CaCl₂.
Plug down at 3:30 P.M., March 24, 1970.
Pelt plug at 1772' at 11:00 P.M., March 8, 1970.

PLUG #2: 753 - 930 with 40% water cement + 3% CaCl₂.
Plug down at 11:30 A.M., March 9th, 1970.
Pelt plug at 589' at 2:30 P.M., March 9th, 1970.

Cut off casing 3' below ground level, welded on a plate and erected a riser with identification marker.

SECTION IV - LOGS

<u>TYPE OF LOGS RUN</u>	<u>DATE RUN</u>	<u>INTERVAL</u>
Dresser Atlas Induction Electrolog	March 4/70	3403 - 626
Dresser Atlas BHC Acoustilog	March 7/70	3397 - 626
Dresser Atlas Sidewall Neutron Gamma Ray	March 7/70	3404 - 626
Seismic Reference Service Geophysical log	March 7/70	3397 - 626

FORMATION TEST REPORT

Well Name Scurry of White Lake (H-24)
 Drilling Contractor Continental Drilling Co. Ltd.

Test No. 1

Date March 27, 1941

Testing Company Continental Drilling Co. Ltd.

Tester A.

Sub-Surface Equipment

Size of Drill Pipe: 4" O.D.

Thread 5/8" 11.5 N/ft.

Upper Packer: Single Rubber

Lower Rubber ☒

Size 7/8" Type Steel

Depth of Bottom Rubber 1601 feet

Interval Tested 1601-1630

Lower Packer: Single Rubber

Dual Rubber ☒

Size 2 3/4" Type Steel

Depth of Top Rubber 1630 feet

Depth of Well 3410 feet

Formation Tested 11.0"

Weight 7.9 gal. Funnel Vis. 60 Interval 22 feet

Time Tool on Bottom 4.50 Time Tool Started in Hole 11.50

Weight Sat on Packer by Indicator 55.00 Calculated Weight of String 24.00

Preflow Period: Interval 4.50 Total Time 5.00

Initial Shut-in Period: Interval 3.00 Total Time 6.00

Flow Period: Interval 6.00 Total Time 12.00

Final Shut-in Period: Interval 7.30 Total Time 19.30

Tool Filled Free at 7.30 Weight Increase 11.0

Tool Out of Hole at 11.00 Rubber Condition Good

Blow Description: Initial 5.00 Air Blow Gas Blow

Gas Flow None Measured Est. Measuring Device

Liquid Recovery Total Stands 5 Feet

Description:

Pressures I.S.I.P. 11.0 psi I.P.P. 32 psi F.H.P. 770 psi D.H.T. 16.0 psi

F.S.I.P. 11.0 psi F.F.P. 40 psi F.H.P. 770 psi

Pressure 32

Test Satisfactory

Minum

Remarks

Present at Test Don. Smith, J. H. Smith Supervisor E. Smith

POOR COPY

CASING REPORT

Name of Well

Scurry-Rainbow Oil Limited

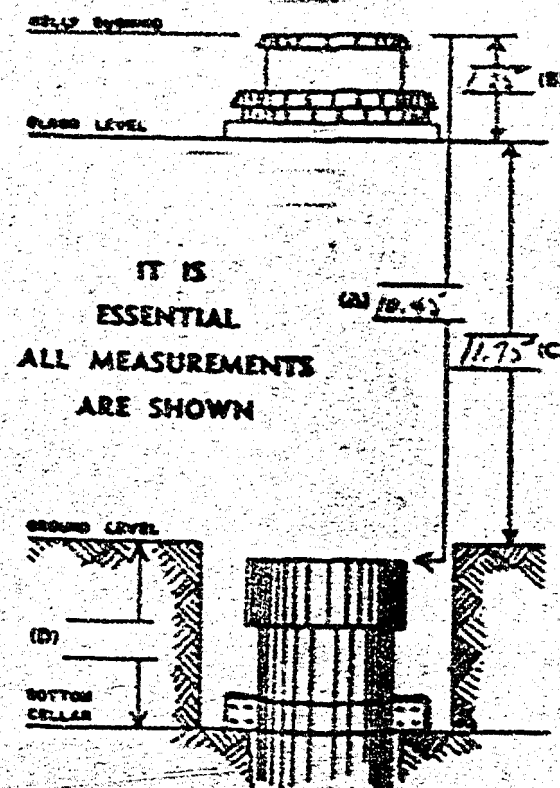
Rig No.

12

Date

Feb 9, 1970

DIAGRAM NO. 1—SURFACE CASING



SECTION 1—FOR SURFACE CASING ONLY

SIZE OD	WT. LBS./FT.	GRADE	RGE.	THDS. PER IN.	MAKE	NO. OF JOINTS	AMOUNT IN FEET
10 5/8	40.5	2	1	1	Ward	19	625.45
8 1/2	26	2	1	1	Ward	1	1.10
8 1/2	26	2	1	1	Ward	1	1.67
5 Length of Landing Joint (add)							
6 Total Amount of Casing Used							628.22
7 Distance—Top of K.B. to Top of Collar on Ldg. Jt. (subt.)							1.05
8 Depth of Shoe Below Top of Kelly Bushing							627.63
9 Distance—Top of K.B. to Top of Collar in Collar (subt.)							1.05
10 Total Amt. Casing Left in Hole including Collar							617.17
11 Length of Collar Cut Off (in 10th of ft.)							11.50

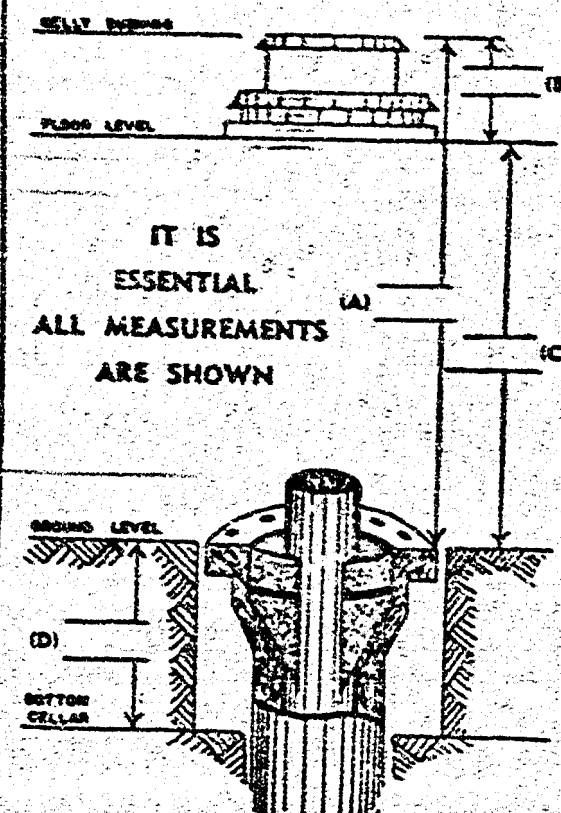
SECTION 3—FOR LINERS ONLY

1	Make and Type of Liner	
2	Make and Type of Collar	
3	Make and Type of Shoe	
	</	

SECTION 2—FOR PRODUCTION CASING ONLY

SIZE OD	WT. LBS./FT.	GRADE	RGE.	THDS. PER IN.	MAKE	NO. OF JOINTS	AMOUNT IN FEET
1							
2							
3							
4							
5 Length of Landing Joint (add)							
6 Total Amount of Casing Used							
7 Distance—Top of K.B. to Top of Collar on Ldg. Jt. (subt.)							
8 Depth of Shoe Below Top of Kelly Bushing							
9 Distance—Top of K.B. to Top of Casing Bowl (subt.)							
10 Depth of Shoe Below Top of Casing Bowl							
11 Length of Casing Bowl (in 10th of ft.)							

DIAGRAM NO. 2—PRODUCTION CASING



1. Make and Type of Casing Shoe
2. Make and Type of Collar
3. Shoe Welded On? (Yes or No)
4. Collar Welded On? (Yes or No)
5. No. of Joints Welded
6. Welding Co.
7. Operator
8. Centralizers (give No. and Jt. No.)
9. Scratchers (give No. and Jt. No.)

Howco Guide
Float
YES
YES
1
Ward
2
151 32 52 JTS

SECTION 4—COMPLETE THIS SECTION FOR ALL REPORTS

10. Started Rigging to Run Casing
11. Time Casing Started in Hole
12. Time Casing All In
13. Time Started Circulating
14. Time Stopped Circulating
15. Time Started Cementing
16. Time Cement in Pipe
17. Time Plug on Bottom
18. Actual Pumping Time to Land Plug
19. Plug
- (a) Displaced With
- (b) Bumped on Float Collar With
- (c) Bumped on Baffle Plate With
20. Casing Landed in Closures (make)
21. Casing Landed in Casinghead (make)
22. Casing Suspender (make)

23. No. Sacks Cement Used
24. Additives
25. Method of Cementing
26. Hours of Cement to Set
27. Cement Returns (yes or no)
28. Cementing Co.
29. Operator
30. Helper

31. Toolpusher
32. Engineer

REMARKS:

N.B.—First joint of casing to include length of collar and shoe.

(21.72)

TALLY SHEET

DATE April 6, 1970

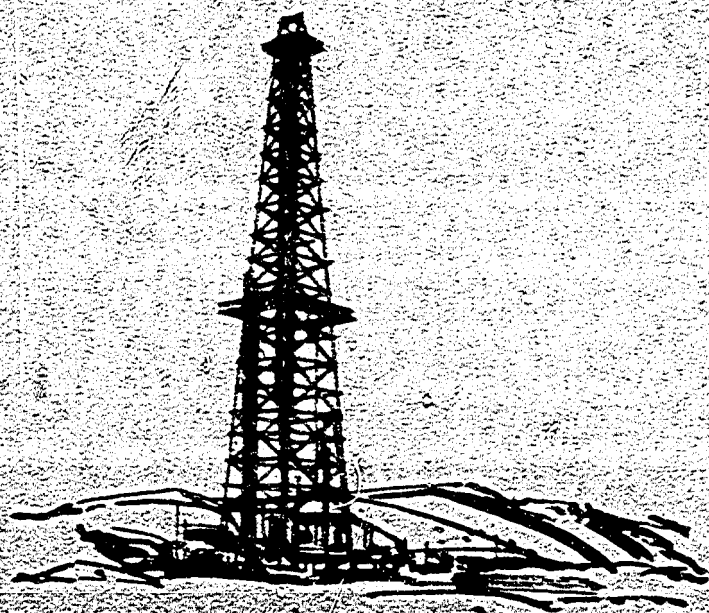
505

FROM

SIZE AND WEIGHT

TALLIED BY-

SIGNATURE



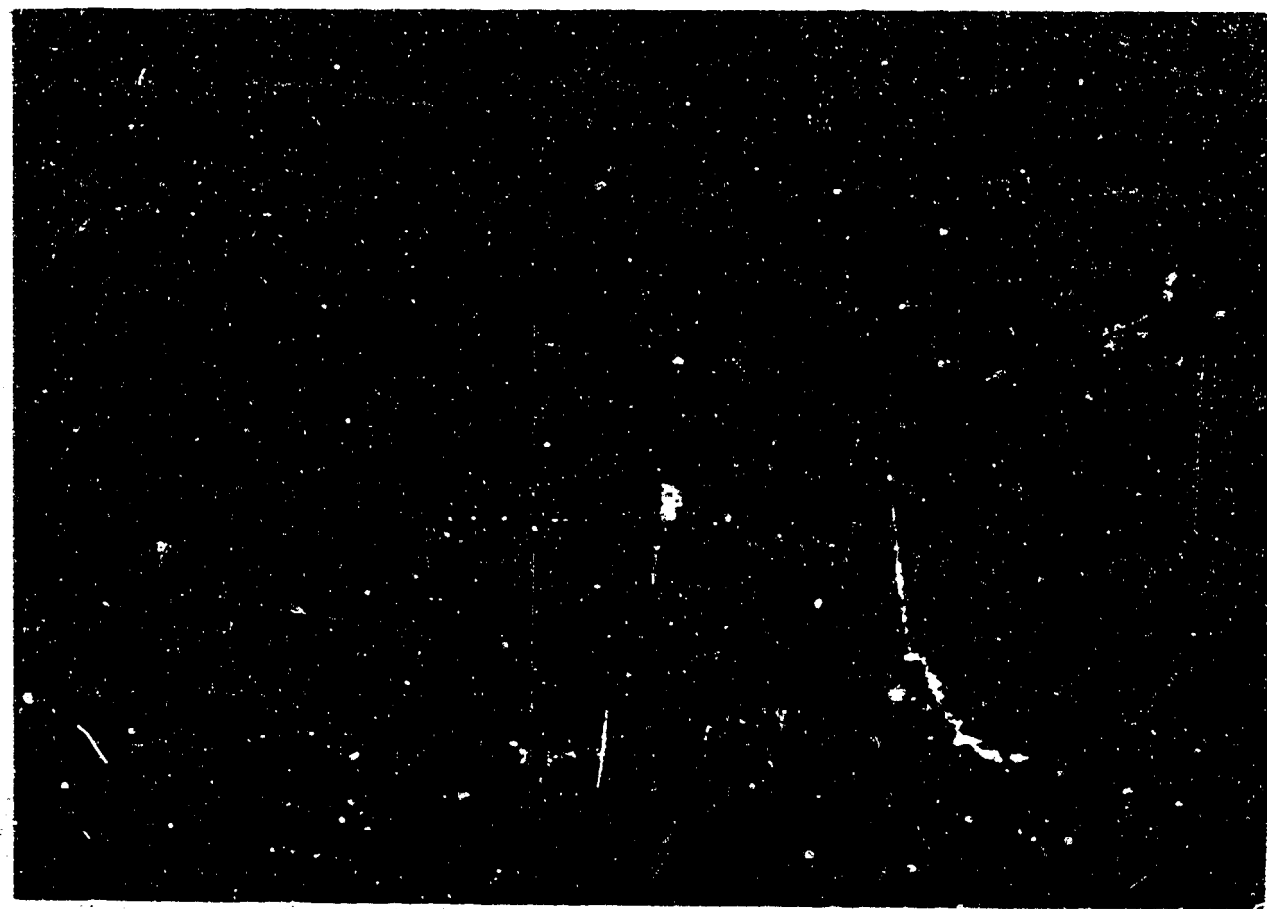
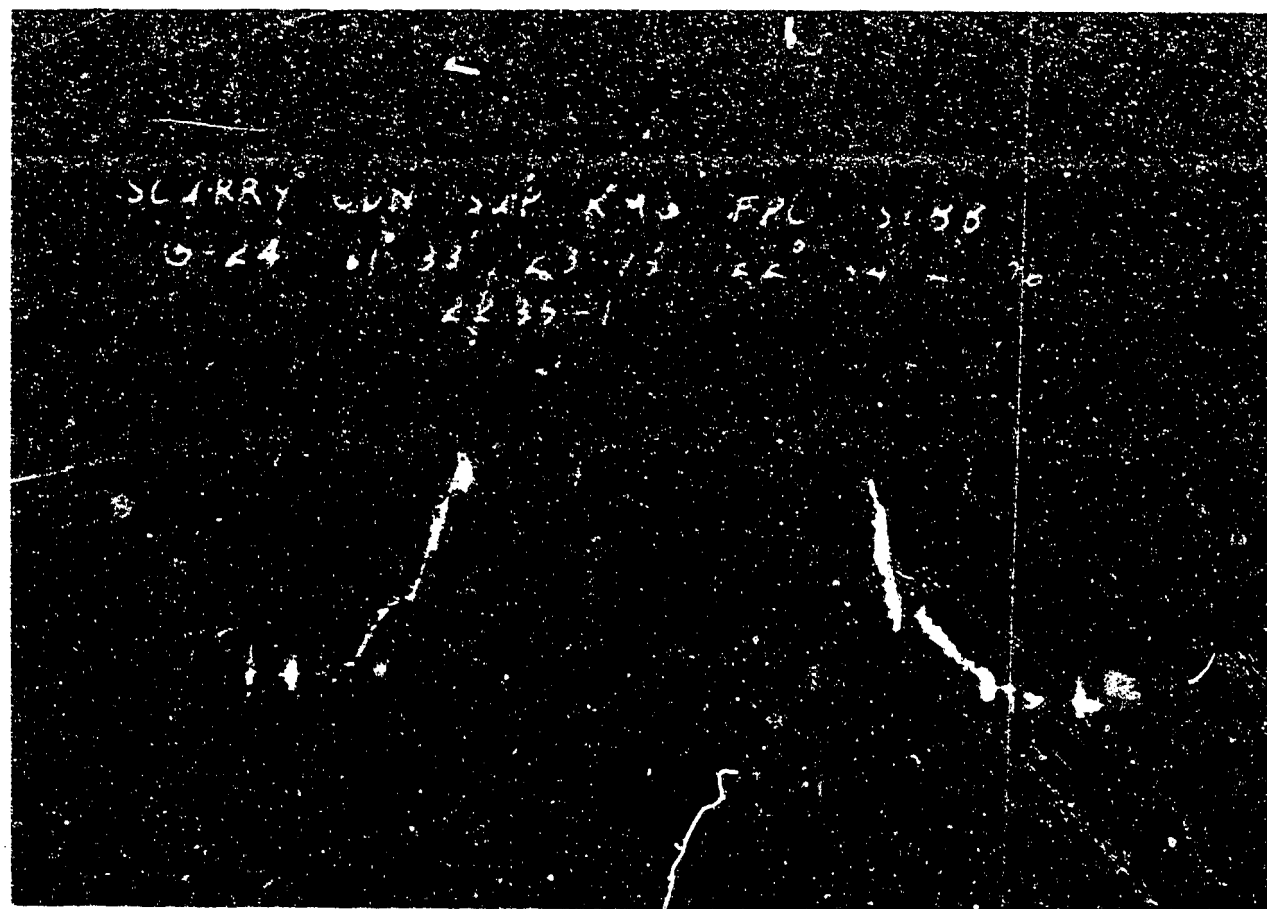
DRILL STEM TEST
TECHNICAL SERVICE REPORT

Security Fairbairn Oil Ltd.
Company

Security CON SUP KNO FPO SIBB 2
Well Name and Description

5-4-4 5-2-4 5-2-4
Test No.

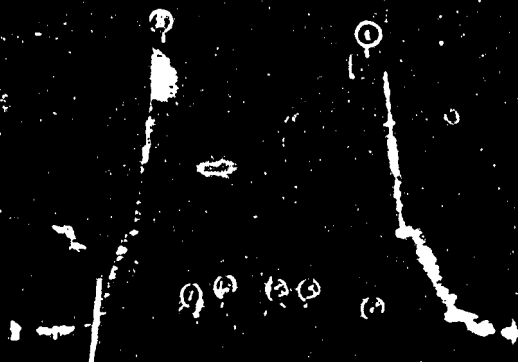
March 7, 1970
Date of Test



SCURRY LDM SUP KMG FPC SIBB
G-24 61° 33' 23.75 - 122° 34' 41.06
2235-1



SCURRY LDM SUP KMG FPC SIBB
61° 33' 122° 37
5795 1



SCURRY CON SHP KAG FPC SIBB
G-24 61°33' 23-75 122°34' 41,06
2234-1

SCURRY CON SUP KAS FAC 5185
G-24 11 23-11 34 4 76
2234-1

SECRET
CONFIDENTIAL

Walf Meany and Leonard

6-25040 60745

Walf Meany and Leonard

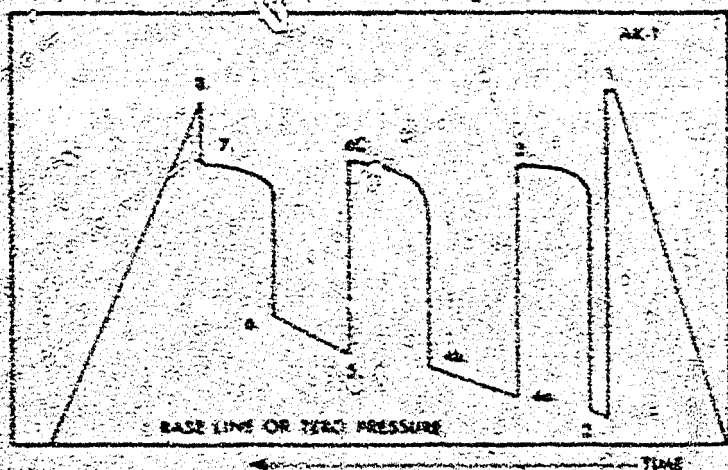
100

Date of Test

March 7, 1970

GUIDE TO INTERPRETATION AND IDENTIFICATION OF LYNES DRILL STEM TEST PRESSURE CHARTS

AK-1 recorders. Read from right to left.

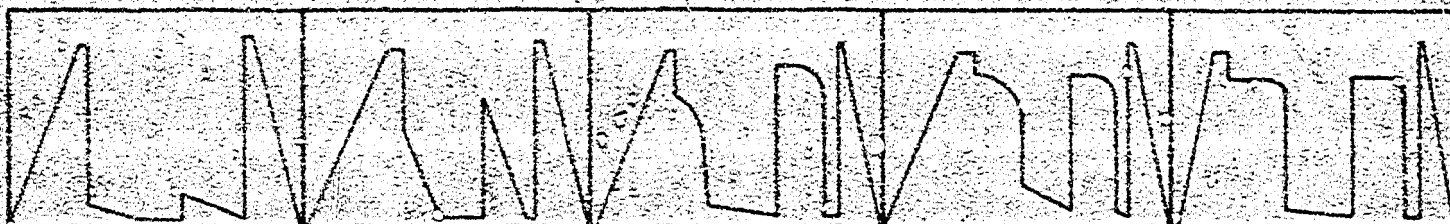


- 1. INITIAL HYDROSTATIC MUD PRESSURE
- 2. PRE-FLOW
- 3. INITIAL SHUT-IN
- 4a. 2nd INITIAL FLOW
- 4b. 2nd FINAL FLOW
- 4c. 2nd SHUT-IN
- 5. 3rd INITIAL FLOW
- 6. FINAL FLOW
- 7. FINAL SHUT-IN
- 8. FINAL HYDROSTATIC MUD PRESSURE

K-3 recorders. Read from left to right.

N.B. When only two shut-in and flow periods are run, 4a, 4b and 4c are omitted.

Typical charts for visual field analysis ranging from very low to high permeability.



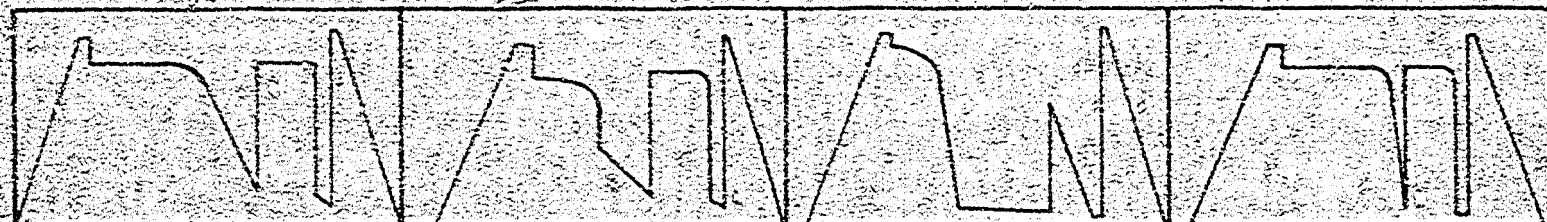
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

Slightly higher permeability. Again mud recovered.

Slightly higher permeability. Small recovery, less than 200' ft.

Average permeability. Final and initial shut-ins differ by 50 psi.

Average permeability. Strong damage effect. High shut-in pressure, low flow pressure.



Excellent permeability where final flow and shut-in pressure.

High permeability where ISIP and FSIP are within 10 psi.

Deep well bore invasion or damage. Final shut-in higher than the initial shut-in.

Tight hole chamber tests. Permeability very difficult to interpret unless the recovery is less than chamber length. Flow pressure holds up rapidly if recovery is large, similar to a shut-in.

Scarry E D N SUP KMG FPC
Subb L - 24.

SCOTRY CDN SUP KMG RPC SIBB L G-24

D.A. 393

Tour Reports

Brewery Odr Sup KMG FPC Phil L C-24

DAILY DRILLING LOG
DIRECTIONS TO
WELL

FIG NO.

12

MAILING
POINT.

SHIPPING
POINT

MILES
MOVED

ROAD
CONF

DAVS FROM

1370

[illegible]

REMARKS

TIME

START

STOP

INTV

RUN Plus #2 680-580
W.O.C (LAYING DOWN PIPE)

START	STOP	INTV
1200	1230	1/2
1230	1300	7/8

NIGHT TO 8 A.M.	M.O.D.		12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP				12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP				12 mn.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS		Next Oil Change		
	WEIGHT								No. 1		P.P.M.						No. 2		P.P.M.				1		68	336	
	VISCOSITY								MODEL		V.P.M.						MODEL		V.P.M.				2		68	336	
	GEL								LINER		SIZE						LINER		SIZE				3		60	336	
	W.L.		F.C.		pH.		DESILTER: Hours Op:		U. Flow:		O. Flow:		SURVEYS		At Foot		Degrees		4		60	336	5		68	336	
ADDITIVES				GENERAL																		Weather		Water			
																						Temp.		Soils			
Drilling Line		Size		Make		Serial No.		No. Lines		Trips		Ton Miles		Total Miles		Slip		Feet or Cut		At Miles		Date Slip or Cut		Next Slip		Fe. Left on Spool	

RECEIVED
MAR 13 1970
D

[illegible]

FIRES	DRILLER'S SIGNATURE			
RUN IN FEEL Plug # 2	<i>[Signature]</i>	800	830	1/2
FELT @ 589				
LAY DOWN PIPE		830	930	1
LAY DOWN P.O.P. (EAT OFF		930		

[illegible]

BOWL. WELD. ON PLATE & LOCATION IDENT.		100	3 1/2
RIGGING OUT:	100	400	3
Reqs released 1 p.m. March 9			

														Weather		Tide	
														Temp.		Bbls.	
Drilling Time Record	Size	Make	Serial No.	No. Lines	Trips	Ton. Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Fr. Left on Spool				
	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.G.	Length	As Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T.	B.	G.

FIRES		DRILLER'S SIGNATURE			
BOILER SHUT DOWN					

4 P M T O M																		
	MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change	
	WEIGHT					No. 1	PRE- LUBE				No. 2	PRE- LUBE						
	VISCOSITY					MODEL	S.P.M.				MODEL	S.P.M.						
	GEL						LINEAR SIZE					LINEAR SIZE						

WEDNESDAY - 9 6: P.M.

B L O C K D I A R Y	W.L.		P.C.		D.H.		DESILTER: Hours On:		U. Flow:		O. Flow:		SURVEYS						
	ADDITIVES:						GENERAL:						At Feet		D-Grain				
																	Weather		
																		Temp.	
																		Water	
																		Bbls.	
Drilling Time:		Size:		Make:		Serial No.:		No. Lines:		Trips:		Tonn Miles:		Total Miles:		Feet Slip or Cut:		At Miles:	
Record:																		Date Slip or Cut:	
																		Next Slip:	
																		Ft. Left on Snool:	
B.O.P.		Tested:		Elapsed Time:		Pressure:		Packing & Seal Inserted Date:		Crown-a-matic Filed:		Fuel on Hand 12.01 a.m.:		gals.:		Casing Report:			

FIRES					
		DRILLER'S SIGNATURE			
				TRANSFER	

Hydrant					Fire Savers Chk'd	Fuel Rec'd Today (add)	gals.	RAN
2nd Pumps						TOTAL	gals.	KB. USED
1st Pumps					Kelly Cook Chk'd	Fuel on Hand 11.59 p.s. (educt)	gals.	SAX
TOTCO RING ON BIT =				Boris Operated	12	Fire Equip. Chk'd	gals.	PLUS
						FUEL USED	gals.	CEMENT RETURNS - (YES/NO)

15	CSG	RENTAL EQUIPMENT ON HAND		TRANSFER
	CEM			
A.M.		DAYS FROM SPUD	TOTAL COMPANY TIME HRS.	TOTAL CONTRACTOR'S TIME HRS.
P.M.				
EQUIPMENT CHANGES				
		Approved by Operator's Representative	<i>[Signature]</i>	
		Approved by		

CONSERVATION BOARD COPY

COM 43275

DAYS FROM

[illegible]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELLRIG NO. 12 LOCATION McCurry dibo. L. SEC. 24 TWP. 8 RGE. W. DATE March 7 1970
MAILING POINT SHIPPING POINT MILE MOVED ROAD CONDITIONS DAYS FROM SPUD

TOUR	MIDNIGHT	8 AM	TOUR	4 PM	MIDNIGHT	LOGGING W/ DRESSER ALIAS															TIME						
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	START	STOP	INTVL.			
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1	20						
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2	20						
						GEL				LINER SIZE				LINER SIZE						3	20						
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4	20						
						ADDITIVES			GENERAL:											5	20						
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD		TD						20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	8 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS						
						WEIGHT				No. 1	PREL. SURF.			No. 2	PREL. SURF.					1							
						VISCOSITY				MODEL	S.P.M.			MODEL	S.P.M.					2							
						GEL				LINER SIZE				LINER SIZE						3							
						W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees				4							
						ADDITIVES			GENERAL:											5							
						Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip									
						From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly						
						TD								20	6"	2 1/2	580 1/8	216									
						No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.				
						M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p									

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 12 LOCATION Seary Sibb. L. LSD 5 SEC 24 TWP. RGE W. DATE March 6 1970

MAILING
POINTSHIPPING
POINTMILES
MOVEDROAD
CONDITIONSDAYS FROM
SPUD

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME			
No.	Size	Type	Jobs/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	E.	G.	START	STOP	INTVL
3385	6	3341	4 1/2	86	2779.01			20	6	2 1/2	579.35	2.16								
19	2 1/2	RGL	1-14	NH830	15	47	25	11 1/2												
M.U.D. 12 m. 2 a.m. 4 a.m. 6 a.m. PUMP 12 m. 2 a.m. 4 a.m. 6 a.m. MOTOR HOURS																				
WEIGHT 8.9 8.7 8.9 No. 1 PRESS. 900 900 900 900 No. 2 PRESS. 700 700 700 700																				
VISCOSITY 44 43 40 MODEL S.P.M. 64 64 64 64 MODEL S.P.M. 700 700 700 700																				
GEL 300 LINER SIZE 2 1/2 x 1 1/4 250 LINER SIZE 3 1/2 x 1 1/2																				
W.L. 7.8 F.C. 3/32 pH. 10.5 DESILTER: Hours Op. U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES: WATER GENERAL: Weather: Water: Temp. Bbls.																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
3391	19	3910	7	86	2810.35			20	6	2 1/2	579.35	2.16								
19	2 1/2	RGL	1-14	NH830	15	47	25	11 1/2												
M.U.D. 8 a.m. 10 a.m. 12 noon 2 p.m. PUMP 8 a.m. 10 a.m. 12 noon 2 p.m. MOTOR HOURS																				
WEIGHT 8.9 8.9 8.9 8.9 No. 1 PRESS. 900 900 900 MUD No. 2 PRESS. MUD																				
VISCOSITY 39 38 42 40 MODEL S.P.M. 63 63 63 63 MODEL S.P.M. 60 60 60 60																				
GEL 300 LINER SIZE 2 1/2 x 1 1/4 250 LINER SIZE 3 1/2 x 1 1/2																				
W.L. 7.2 F.C. 3/32 pH. 10.5 DESILTER: Hours Op. U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES: WATER GENERAL: Weather: Water: Temp. Bbls.																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
3410	TD							20	6	2 1/2	579.35	2.16								
19	2 1/2	RGL	1-14	NH830	15	47	25	11 1/2												
M.U.D. 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. MOTOR HOURS																				
WEIGHT 8.9 8.9 No. 1 PRESS. 900 No. 2 PRESS. MUD																				
VISCOSITY 56 67 MODEL S.P.M. 64 MODEL S.P.M. 60																				
GEL 300 LINER SIZE 2 1/2 x 1 1/4 250 LINER SIZE 3 1/2 x 1 1/2																				
W.L. 6.2 F.C. 3/32 pH. 8.5 DESILTER: Hours Op. U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES: WATER GENERAL: Weather: Water: Temp. Bbls.																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
B.O.P. Tested Elapsed Time Pressure Packing & Seal Inspected Date Crown-a-matic Chk'd. Fuel on Hand 12.01 a.m. gals. CASING REPORT RAN JTS CSG RENTAL EQUIPMENT ON HAND TRANSFER #																				
Hydrit Fuel Rec'd Today (add) gals. TO KB. USED SAX CEM																				
Pipe Rams Kelly Cock Chk'd. Fuel on Hand 11:59 p.m. (educt) gals. PLUS PLUG DOWN A.M. P.M. DAYS FROM SPUD: TOTAL COMPANY TIME HRS. TOTAL CONTRACTOR'S TIME HRS.																				
Blind Rams Fine Equip. Chk'd. FUEL USED gals. CEMENT RETURNS (YES/NO) EQUIPMENT CHANGES																				
TOTCO RING ON BIT: Boiler Operated: 24 Hrs. Approved by Operator's Representative: Approved by Toolpusher:																				

CONSERVATION BOARD COPY

COM 43272

DAILY DRILLING LOG
DIRECTIONS TO
WELL

From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	START	TIME	INT.
3325	11	3336	82m	75m	2716	17	20	6"	2 1/2	578	35	246			2	Turned out of hole	12	1	1
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.		
18	7 1/2	RGT	14	NH829	20	47	11	4			1	900	64					DRILLING	
MUD	12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 mn.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS	Next Oil Change			
WEIGHT			90	84	No. 1	PREL. SURF.		400	400	No. 2	PREL. SURF.								
VISCOSITY			40	40	MODEL	S.P.M.		14	14	MODEL	S.P.M.								
GEL					300	LINER SIZE		5 1/2	14	350	LINER SIZE								
W.L.	8.2	F.C.	7/32	pH.	8.5	DESILTER: Hours Op:	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees						
ADDITIVES	2	stream water	GENERAL																
Kalyana	25 lbs																		
Chen Chen	15 lbs																		
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Fr. Left on Spool						
From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly				
3336	34	3370	74	75m	2719	01	20	6"	2 1/2	579	35	246			39				
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.		
18	7 1/2	RGT	14	NH829	20	47	11	4			1	900	64					DRILLING	
MUD	8 a.m.	10 a.m.	12 noon	2 a.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 a.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 a.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	9.0	8.9	8.9	8.9	No. 1	PREL. SURF.		900	900	900	900	No. 2	PREL. SURF.						
VISCOSITY	3-8	41	40	38	MODEL	S.P.M.		64	64	64	64	MODEL	S.P.M.						
GEL					300	LINER SIZE		5 1/2	14	350	LINER SIZE								
W.L.	8.6	F.C.	7/32	pH.	8.5	DESILTER: Hours Op:	U. Flow:	O. Flow:			SURVEYS	At Feet	Degrees						
ADDITIVES	KALYANA	25	GENERAL																
GEL	200																		
WATER																			
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Fr. Left on Spool						
From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly				
3370	15	3385	3 1/4	84	2719	01	20	6	2 1/2	579	35	246			16				
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.		
18	7 1/2	RGT	14	NH829	20	47	11	4			1	900	64					DRILLING	
MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	8.9	8.9	8.9	8.9	No. 1	PREL. SURF.		900	900	900	900	No. 2	PREL. SURF.						
VISCOSITY	47	44			MODEL	S.P.M.		64	64	64	64	MODEL							

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO 12

LOCATION SCARRY SUB. L.

SEC 24 TWP

RGE

DATE MARCH 4

MAILING
POINTSHIPPING
POINTMILES
MOVEDROAD
CONDITIONSDAYS FROM
SPUD

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Standby	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME	START	STOP	INTL
328	31	3306	7 1/4	82	2716	17	20	6"	2 1/2	579	35	216	34			Rig SERVICE & B.P.S.	12	12	15	3/4
16	7 1/4	16	14	30	47	103	27									DRILL 7 1/4" Hole	12	7	15	7
																SURVEY 3306	7	7	45	15
																Drill 7 1/4" Hole	7	45	9	15
MUD 12 m. 2 a.m. 4 a.m. 6 a.m. PUMP 12 m. 2 a.m. 4 a.m. 6 a.m. PUMP 12 m. 2 a.m. 4 a.m. 6 a.m. MOTOR HOURS Next Oil Change																				
WEIGHT 91 91 91 91 No. 1 PRE-SURVE 900 900 900 900 No. 2 PRE-SURVE 900 900 900 900																				
VISCOSITY 42 40 99 42 MODEL 1 64 64 64 64 MODEL 2 64 64 64 64																				
GEL 8.4 F.C. 472 pH 10.0 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES Chrome Chloride - 10 GENERAL 5 stream water																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip Feet or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
3306	19	3325	4 1/4	82	2716	17	20	6"	2 1/2	579	35	216	13			Rig SERVICE & B.P.S. CHECK	200	9	15	7
16	7 1/4	16	14	30	47	122	31 1/2									DRILL 7 1/4" Hole	8	15	12	30
																TRIP FOR BIT	12	30	2	30
																SLIP 12 FT OF DRILL LINE	2	30	2	45
																Run in Hole with bit 17	2	45	400	1
MUD 8 a.m. 10 a.m. 12 noon 2 p.m. PUMP 8 a.m. 10 a.m. 12 noon 2 p.m. PUMP 8 a.m. 10 a.m. 12 noon 2 p.m. MOTOR HOURS Next Oil Change																				
WEIGHT 9.0 9.0 9.1 7.2 No. 1 PRE-SURVE 900 900 900 900 No. 2 PRE-SURVE 900 900 900 900																				
VISCOSITY 37 38 40 12 MODEL 1 64 64 64 64 MODEL 2 64 64 64 64																				
GEL 8.6 F.C. 732 pH 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES GEL 300 GENERAL KELLAR 20																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip Feet or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
3325	0	3325	0	84	2716	17	20	6"	2 1/2	579	35	216	13			Rig SERVICE & B.P.S. CHECK	400	500	1	1
17	7 1/4	17	14	30	47	122	31 1/2									Run in Hole	500	515	1	1
																Run under gauge Hole	515	515	1	1
																From 3203-3325	12	30	1	30
																TRIPPING OUT OF HOLE	11	30	12	30
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. MOTOR HOURS Next Oil Change																				
WEIGHT 9.0 9.0 9.0 9.0 No. 1 PRE-SURVE 900 900 900 900 No. 2 PRE-SURVE 900 900 900 900																				
VISCOSITY 40 28 40 40 MODEL 1 64 64 64 64 MODEL 2 64 64 64 64																				
GEL 8.4 F.C. 732 pH 9.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees																				
ADDITIVES WATER GENERAL WATER																				
Drilling Line Record Size Make Serial No. No. Lines Trips Ton Miles Total Miles Slip Feet or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool																				
B.O.P. Tested Elapsed Time Pressure Packing & Seal Inspected Date Crownmastic Chk'd Fuel on Hand 12.01 a.m. Fuel Rec'd Today (add) TOTAL Fuel on Hand 11.39 p.m. (deduct) FUEL USED																				
Casing Report RAN JTS CSG RENTAL EQUIPMENT ON HAND TRANSFER TO																				
EQUIPMENT CHANGES																				
Approved by Operator's Representative Approved by Toolpusher																				

CONSERVATION BOARD COPY

COM 43278

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 12 LOCATION WERRY ST. 04. LSO. 0 SEC. 24 TWP. RGE. W. DATE March 2, 1906 19 06
MAILING POINT SHIPPING POINT MILES MOVED ROAD CONDITIONS DAYS FROM SPUD

[illegible]

CONSERVATION BOARD COPY

COM 43269

DAILY DRILLING LOG
DIRECTIONS TO
WELL

MAILING POINT

SHIPPING

MILES

ROAD

DAYS FROM

10 70

COM-43268

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELLRIG NO. 12 LOCATION CHURCH SIBB. C. SEC. 24 TWP. 6 RGE. 1 W. DATE 12-1-1971
MAILING POINT SHIPPING POINT MILES MOVED ROAD CONDITIONS DAYS FROM SPUD.

TOUR	TIME	From		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME				
		START	STOP																INTVL				
1	MIDNIGHT TO 8 AM	3078	17	3075	7 1/4	72	2496.05	40	0	20	6"	2 1/2	579.35	2.16					Drilling 7 1/2" Hole	12:00	3:00	3	
		14	7 1/2" RGT	3074	7 1/4	72	2496.05	40	0	20	6"	2 1/2	579.35	2.16					Rig SERV. & B.O.P.	3:00	3:15	1/2	
																				Drilling 7 1/2" Hole	3:15	3:00	43
		M.U.D.	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS	Next Oil Change					
		WEIGHT	70	70	70	70	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	43	43	42	42	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
		ADDITIVES					GENERAL																
		Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Ft. Left on Spool								
2	8 AM TO 4 PM	3095	18	3113	6 3/4	72 m	2496.05	40	0	20	6"	2 1/2	579.35	2.16					FUEL @ 3 1/4"				
		14	7 1/2" RGT	3112	7 1/4	72 m	2496.05	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	8:00	2:45	6 1/2	
																				# CIRC SAMPLE	2:45	3:15	1/2
																				Rig SERVICE & B.O.P. CHECK	3:15	3:30	1/4
																				TRIP BIT 14"	3:30	4:00	1/2
		M.U.D.	5 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.1	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	39	39	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.8	F.C.	432	PH.	9.0	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
3	4 PM TO MIDNIGHT	3114	19	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					FIRE N/L				
		15	7 1/2" RGT	3123	7 1/4	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					TRIP BIT 14"	4:00	5:15	1 1/2	
																				Run COLLARS in HOLE	5:15	5:45	1/2
																				SLIP 10 FT OF DRILL LINE	5:45	6:00	1/4
																				Run in HOLE	6:00	6:45	1/2
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
4	MIDNIGHT TO 8 AM	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
5	8 AM TO 4 PM	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
6	4 PM TO MIDNIGHT	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
7	8 AM TO 4 PM	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
8	4 PM TO MIDNIGHT	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
9	8 AM TO 4 PM	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					
		WEIGHT	9.0	9.0	9.0	9.0	No. 1	875	875	875	875	No. 2	875	875	875	875							
		VISCOSITY	40	40	45	45	MODEL	64	64	64	64	MODEL	64	64	64	64							
		GEL					LINER	5 1/2	14			LINER	5 1/2	15									
		W.L.	7.6	F.C.	432	PH.	8.5	DESILTER	Hours Op.		U. Flow		O. Flow		SURVEYS	At Feet	Degrees						
10	4 PM TO MIDNIGHT	3124	20	3124	5	78 m	2537.48	40	0	20	6"	2 1/2	579.35	2.16					DRILL 7 1/2" HOLE	7:00	12:00	5	
		M.U.D.	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	PUMP	4 a.m.	8 a.m.	10 a.m.	12 noon	MOTOR HOURS	Next Oil Change					

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 12 LOCATION SCURRY SIBB. 2 LSD. G SEC. 34 TWP. _____ RGE. _____ W. _____ DATE FEB. 28 1976
MAILING POINT _____ SHIPPING POINT _____ MILES MOVED _____ ROAD CONDITIONS _____ DAYS FROM SPUD _____

TOUR	From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	TIME				
	3032	14	3050	8	72	2433	11		20	6	2 1/2	579.35	2.16	5				START	STOP			
MIDNIGHT	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Mrs.	Reamed	Mrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	12	2	8	
	13	7 7/8	REG	1/13	1/14	RR516	15	54	18	8 1/2		1	850	64								
TOUR																		MOTOR HOURS	Next Oil Change			
8 A.M.																		Weather	Water	Bbls.		
TOUR	Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool								
TOUR	From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	TIME				
	3050	12	3062	3 1/4	72	2464	37		20	6	2 1/2	579.35	2.16	23	3 1/2			8:00	8:45			
TOUR	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Mrs.	Reamed	Mrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	3 1/2	1 1/4	3	
	13	1 3/4	REG	1/13	1/14	RR516	15	47	30			1	975	64								
TOUR																		MOTOR HOURS	Next Oil Change			
TOUR																		Weather	Water	Bbls.		
TOUR	Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool								
TOUR	From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	TIME				
	3062	16	3078	5 1/2	72	2464	37		20	6	2 1/2	579.35	2.16	8				4:00	4:30			
TOUR	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Mrs.	Reamed	Mrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	1 1/4	1 1/4	5 1/2	
	14	2 1/4	REG	1/13	1/14	RR516	20	50	16	52		1	850	64								
TOUR																		MOTOR HOURS	Next Oil Change			
TOUR																		Weather	Water	Bbls.		
TOUR	Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool								
TOUR	From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	TIME				
	3078	16	3094	5 1/2	72	2464	37		20	6	2 1/2	579.35	2.16	8				4:30	5:00			
TOUR	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Mrs.	Reamed	Mrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	1 1/4	1 1/4	5 1/2	
	14	2 1/4	REG	1/13	1/14	RR516	20	50	16	52		1	850	64								
TOUR																		MOTOR HOURS	Next Oil Change			
TOUR																		Weather	Water	Bbls.		
TOUR	Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool								
TOUR	From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. up on Kelly	REMARKS	TIME				
	3094	16	3110	5 1/2	72	2464	37		20	6	2 1/2	579.35	2.16	8				5:00	5:30			
TOUR	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Mrs.	Reamed	Mrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	1 1/4	1 1/4	5 1/2	
	14	2 1/4	REG	1/13	1/14	RR516	20	50	16	52		1	850	64								
TOUR																		MOTOR HOURS	Next Oil Change			
TOUR																						

CONSERVATION BOARD COPY

COM 43266

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELLRIG NO 12 LOCATION SCURRY SIBB. L. L.S.D. G SEC 24 TWP. RGE. W. DATE FEB. 27 1926
MAILING POINT SHIPPING POINT MILES MOVED ROAD CONDITIONS DAYS FROM SPUD

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL.
3005	20	3025	7 3/4	72	34	2433.11		20	6"	2 1/2	579.35	2.16			29'	DRILLING 7 7/8 HOLE	12 00	7 00	7
11	7 7/8	4471	12	54	28	11 1/4	90	4 3/4			850.67					RIG SERVICE & B.O.P.s	7 00	7 13	1/4
																DRILLING	7 13	8 00	3/4
M.U.D.	12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 mn.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 mn.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS	Next Oil Change			
WEIGHT					No. 1	PREL. SURF.	850.65	850.85	No. 2	PREL. SURF.									
VISCOSITY					MODEL	S.P.M.	64	64	MODEL	S.P.M.									
GEL					LINER SIZE		14	14	LINER SIZE										
W.L.	8.6	F.C.	pH. 10	DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3025	7	3032	3	72	34	2433.11		20	6"	2 1/2	579.35	2.16			23'	FUEL AS OF 8 AM 3.8'			
11	7 7/8	4471	12	50	35	11 1/4		1	850.64							DRILLING 7 7/8 HOLE	8 00	11 00	3
12	7 7/8	4471	12	50	35	11 1/4		1	850.64							RIG SERVICE & B.O.P.s	11 00	11 15	1/4
																TRIP FOR BIT #12	11 15	2 30	3/4
M.U.D.	8 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	650		No. 2	PREL. SURF.									
VISCOSITY	40				MODEL	S.P.M.	64		MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.	8.0	F.C.	10	DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	FIRE			
12	7 7/8	4471	12	37		131	34	1	450.65							RIG SERVICE & B.O.P.s	11 00	11 15	1/4
13	7 7/8	4471	12	34		14			450.64							Remaining under same hole from 2930 to 3032	11 15	9 00	4 3/4
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	TRIP FOR NEW BIT #13	11 15	11 15	2 1/4
12	7 7/8	4471	12	37		131	34	1	450.65							BREAK CIR L&H 10' TO	11 15		
13	7 7/8	4471	12	34		14			450.64							BOTTOM	11 15	11 25	1/2
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	DRILLING 7 7/8 HOLE	11 15	12 00	1/4
12	7 7/8	4471	12	37		131	34	1	450.65										
13	7 7/8	4471	12	34		14			450.64										
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	FIRE			
12	7 7/8	4471	12	37		131	34	1	450.65							RIG SERVICE & B.O.P.s	11 15	11 25	1/2
13	7 7/8	4471	12	34		14			450.64							TRIP FOR NEW BIT #13	11 25	11 35	1/2
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	DRILLING 7 7/8 HOLE	11 35	12 00	1/4
12	7 7/8	4471	12	37		131	34	1	450.65										
13	7 7/8	4471	12	34		14			450.64										
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	FIRE			
12	7 7/8	4471	12	37		131	34	1	450.65							RIG SERVICE & B.O.P.s	11 35	11 45	1/2
13	7 7/8	4471	12	34		14			450.64							TRIP FOR NEW BIT #13	11 45	11 55	1/2
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	DRILLING 7 7/8 HOLE	11 55	12 00	1/4
12	7 7/8	4471	12	37		131	34	1	450.65										
13	7 7/8	4471	12	34		14			450.64										
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL					LINER SIZE		14		LINER SIZE										
W.L.		F.C.		DESILTER, Hours Op.	U. Flow	O. Flow													
ADDITIVES					GENERAL														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Feet Left on Spool						
3032	0	3032	14	72	39	2433.11		20	6"	2 1/2	579.35	2.16			23'	FIRE			
12	7 7/8	4471	12	37		131	34	1	450.65							RIG SERVICE & B.O.P.s	11 55	12 00	1/4
13	7 7/8	4471	12	34		14			450.64							TRIP FOR NEW BIT #13	12 00	12 05	1/2
M.U.D.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 p.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change			
WEIGHT	71				No. 1	PREL. SURF.	450.65	450.65	No. 2	PREL. SURF.									
VISCOSITY	38				MODEL	S.P.M.	65	65	MODEL	S.P.M.									
GEL																			

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 12 LOCATION SCURRY SIBB. L. SEC. 34 TWP. RGE. W. DATE FEB. 26 1970

MAILING
POINTSHIPPING
POINTMILES
MOVEDROAD
CONDITIONSDAYS FROM
SPUD

From		Footage		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS			TIME								
No.	Size	Type	Jen. W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	START	STOP	INTVL.									
2973	17			2490	4 1/4	72	2370	26		20	6	2 1/2	579	35	2.16														
10	7 1/2	R61	113	114	PR693	20	50	17	42	40	134	1	700	64															
MUD																		Run In With Bit 10			12 00			1 1/2			1 1/4		
WEIGHT																		Rig Service + B.O.P.s			1 15			1 30			1 1/4		
VISCOSITY																		Reaming Under Gauge Hole			1 30			3 1/2			1 1/4		
GEL																		Drilling 7 7/8 Hole			3 15			8			4 1/2		
W.L.																		Beam From 2933-2973											
F.C.																													
pH																													
DESILTER: Hours Op.																													
U. Flow																													
O. Flow																													
SURVEYS																													
At Feet																													
Degree																													
Weather																													
Temp.																													
Water																													
85%																													
Drilling Line Record																													
Size																													
Make																													
Serial No.																													
No. Lines																													
Trips																													
Tan Miles																													
Total Miles																													
Slip																													
Feet of Cut																													
At Miles																													
Date Slip or Cut																													
Next Slip																													
Ft. Left on Spool																													
2990	7			2997	2 3/4	72	2401	56		20	6	2 1/2	579	35	2.16														
10	7 1/2	R61	113	114	PR693	20	50	24	7 1/2	40	134	1	700	64															
MUD																		Drilling 7 7/8 Hole			8 00			8 45			3/4		
WEIGHT																		Rig Service + B.O.P.s			8 45			9 00			1/4		
VISCOSITY																		Drilling 7 7/8 Hole			9 00			11 00			2		
GEL																		C.R. Bottom Hole Sample			11 00			11 30			1/2		
W.L.																		TRIP + bar chain 3 samples			11 50			3 30			4		
F.C.																		Reaming under gauge H.L.			3 30								
pH																		From 2907 - 2917			4 00			1/2					
DESILTER: Hours Op.																													
U. Flow																													
O. Flow																													
SURVEYS																													
At Feet																													
Degree																													
Weather																													
Temp.																													
Water																													
85%																													
Drilling Line Record																													
Size																													
Make																													
Serial No.																													
No. Lines																													
Trips																													
Tan Miles																													
Total Miles																													
Slip																													
Feet of Cut																													
At Miles																													
Date Slip or Cut																													
Next Slip																													
Ft. Left on Spool																													
2997	8			3005	5 1/2	72	2370	26		20	6	2 1/2	579	35	2.16														
10	7 1/2	R61	113	114	4871	10	57	8	3 1/2	40	134	1	850	64															
MUD																		Reaming Under Gauge Hole			4 00			8 12			4 1/4		
WEIGHT																		From 2917 - 2997			4 00			8 12			4 1/4		
VISCOSITY																		Rig Service + B.O.P.s			8 12			9 30			1 1/4		
GEL																		Drilling 7 7/8 Hole			8 30			12 00			3 1/2		
W.L.																													
F.C.																													
pH																													
DESILTER: Hours Op.																													
U. Flow																													
O. Flow																													
SURVEYS																													
At Feet																													
Degree																													
Weather																													
Temp.																													
Water																													
85%																													
Drilling Line Record																													
Size																													
Make																													
Serial No.																													
No. Lines																													
Trips																													
Tan Miles																													
Total Miles																													
Slip																													
Feet of Cut																													
At Miles																													
Date Slip or Cut																													
Next Slip																													
Ft. Left on Spool																													

CONSERVATION BOARD COPY

COM 43264

DAILY DRILLING LOG
DIRECTIONS TO
WELL _____

MAILING
POINT_____

SHIPPING
POINT

MILES

ROAD

DAYS FROM

[illegible]

COM 43263

DAILY DRILLING LOG
DIRECTIONS TO
WELL

MAILING
POINT

SHIPPING
POINT

MILES
MOVED

ROAD

DAYS FROM

COM 43262

COMMONWEALTH DRILLING

DAILY DRILLING LOG

DIRECTIONS TO WELL

RIG NO. 12 LOCATION SCURRY (ON Sup F.P.C. Rm 16) SEC 24 TWP RGE N DATE FEB 22 1970

From	Footage	To	Mts. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.S. Ft.	Ft. up on Kelly		
2808				10	2133	34		16	16	2 1/2	584.62	476					
No.	Size	Type	Jen. W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
5	3 1/4	WDT	3-13	20820	18	45	3	1	90	9 1/2	1	400	64		5	7	0
6	3 1/4	WDT	3-13	851878		55			50	5 3/4							
UNDER GAUGE HOLE																	
MUD	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	PUMP	12 m.	2 a.m.	4 a.m.	6 a.m.	MOTOR HOURS	Next Oil Change	
WEIGHT			90	90	No. 1				No. 2								
VISCOSITY			44	50	MODEL				MODEL								
GEL																	
W.L.	10-4	F.C.	732	PH. 105	DESILTER, Hours Op.		U. Flow		O. Flow		SURVEYS						
ADDITIVES	GEL	-	1000		GENERAL						At Feet	Degrees					
Drilling Line	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Ft. Left on Spool				

REMARKS	TIME
TRIP FOR NEW BIT #6	1200 200 2
RIG SERV. L 20-PS.	200 210 1/4
HEAVING UNDER GAUGE HOLE	210 220 5/4
FROM 2748 - 2798.	
FUEL 5	
FIRES	
DRILLER'S SIGNATURE	

From	Footage	To	Mts. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.S. Ft.	Ft. up on Kelly		
2808				10	2133	24		16	16	2 1/2	574.62	476					
No.	Size	Type	Jen. W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
6	3 1/4	WDT	3-13	851878	4M.	55			60	10 1/2	1	900	64		2	2	0
7	3 1/4	WDT	3-13	151389		50											
UNDER GAUGE HOLE																	
MUD	8 a.m.	10 a.m.	12 noon	2 a.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 a.m.	PUMP	8 a.m.	10 a.m.	12 noon	2 a.m.	MOTOR HOURS	Next Oil Change	
WEIGHT	90	90	90		No. 1				No. 2								
VISCOSITY	90	90	90		MODEL				MODEL								
GEL	48	47	47														
W.L.	F.C.		PH. 105	DESILTER, Hours Op.		U. Flow		O. Flow		SURVEYS							
ADDITIVES	GEL	-	1000		GENERAL						At Feet	Degrees					
Drilling Line	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Ft. Left on Spool				

REMARKS	TIME
RIG SERV. L 20-PS.	700 210 1/4
HEAVING UNDER GAUGE HOLE	210 220 5/4
FROM 2798 - 2808.	
FUEL 5	
FIRES	
DRILLER'S SIGNATURE	

From	Footage	To	Mts. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.S. Ft.	Ft. up on Kelly		
2809				10	2133	24		16	16	2 1/2	574.62	476					
No.	Size	Type	Jen. W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
7	3 1/4	WDT	3-13	151389	4M.	50			60	3 1/4	1	900	64				
UNDER GAUGE HOLE																	
MUD	6 p.m.	8 p.m.	10 p.m.	2 a.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	2 a.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	2 a.m.	MOTOR HOURS	Next Oil Change	
WEIGHT	70	70	70		No. 1				No. 2								
VISCOSITY	51	51	48		MODEL				MODEL								
GEL																	
W.L.	76	F.C.	PH. 105	DESILTER, Hours Op.		U. Flow		O. Flow		SURVEYS							
ADDITIVES	GEL	-	1000		GENERAL						At Feet	Degrees					
Drilling Line	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet or Cut	At Miles	Date Slip or Cut	Next Slip	Ft. Left on Spool				

REMARKS	TIME
RIG SERV. L 20-PS.	400 430 5/2
RUN IN W/BIT #7	430 700 2 1/2
HEAVING UNDER GAUGE HOLE	700 1040 3 3/4
PIPE WAIT FOR 7 1/2 BITS	1040
CHANGED HOLE SIZE FROM 9 3/4 TO 7 1/2 BY SCURRY'S INSTRUCTIONS.	1200 1 1/4
FUEL 5	
FIRES	
DRILLER'S SIGNATURE	

BO.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown & Mark	Fuel on Hand 12.01 a.m.	gals.	CASING REPORT	RAN	ITS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER
Hydral.						Fuel Rec'd Today (add)	gals.						
Pipe Rams						TOTAL	gals.						
Blind Rams						Fuel on Hand 11.59 a.m. (deduct)	gals.						
TOTAL FUEL USED							gals.	PLUS					
FUEL ON HAND 11.59 a.m. (deduct)							gals.	PLUS					
FUEL USED							gals.	CEMENT RETURNS	YES/NO				
EQUIPMENT CHANGES													
Approved by Operator's Representative													
Approved by Toolpusher													

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

WIS NO 12

LOCATION SIBB L SCURRY

LSD C

SEC 24

TWP

RGE

W

DATE 5-6-21

1-70

MAILING
POINTSHIPPING
POINTMILES
MOVEDROAD
CONDITIONSDAYS FROM
SPUD

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2766	34	2800	7 1/4	80m	2183	34		46	6	2 1/2	584.62	476			13	ROD DRILL 8 3/4" HOLE	1200	300	3
4	8 3/4	1552	413	9772	35	45	290	61 1/4								RIG SERVICE & CHECK HYDRIL	300	315	15
																DRILL 8 3/4" HOLE	315	800	4 3/4
MUD																			
WEIGHT 4.1 4.2 4.3 4.3																			
VISCOSITY 42 43 40 42																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. 7.2 PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2800	5	2805	1	80	2183	34		46	6	2 1/2	584.62	476				FUEL AS OF 8.A.M. 2.65			
4	8 3/4	1552	413	9772	35	45	290	61 1/4								DRILLING 8 3/4" HOLE	8	900	1
5	8 3/4	1552	413	9772	35	45	290	61 1/4								RIG SERVICE & B.D.M.s	900	915	15
																HOIST FOR NEW BIT 5	915	1100	1 3/4
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2805	3	2808	1/2	80	2183	34		46	6	2 1/2	584.62	476				SLIP 15' LINE	1100	1115	15
4	8 3/4	1552	413	9772	35	45	290	61 1/4								RUN IN WITH BIT 5	1115	1200	1 1/2
5	8 3/4	1552	413	9772	35	45	290	61 1/4								REAMING UNDER GAUGE	1200	1215	15
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2808	3	2811	1/2	80	2183	34		46	6	2 1/2	584.62	476				FROM 2715 - 2755			
4	8 3/4	1552	413	9772	35	45	290	61 1/4								TALLY 2805.00			
5	8 3/4	1552	413	9772	35	45	290	61 1/4								MEAS. 2804.58			
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2811	3	2814	1/2	80	2183	34		46	6	2 1/2	584.62	476				FIRES DIFF. - 42			
4	8 3/4	1552	413	9772	35	45	290	61 1/4								NO CORR. Drilling Reaming			
5	8 3/4	1552	413	9772	35	45	290	61 1/4								RIG SERVICE & B.D.M.s	4	130	1/4
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2814	3	2817	1/2	80	2183	34		46	6	2 1/2	584.62	476				REAMING UNDER GAUGE	4	100	5 1/2
4	8 3/4	1552	413	9772	35	45	290	61 1/4								DRILL 8 3/4" HOLE	100	1100	1 1/2
5	8 3/4	1552	413	9772	35	45	290	61 1/4								TRIPPING			
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2817	3	2820	1/2	80	2183	34		46	6	2 1/2	584.62	476				REAM UNDER GAUGE HOLE			
4	8 3/4	1552	413	9772	35	45	290	61 1/4								FROM 2755 - 2805			
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2820	3	2823	1/2	80	2183	34		46	6	2 1/2	584.62	476				FIRES			
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2823	3	2826	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2826	3	2829	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2829	3	2832	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2832	3	2835	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2835	3	2838	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2838	3	2841	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2841	3	2844	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2844	3	2847	1/2	80	2183	34		46	6	2 1/2	584.62	476							
4	8 3/4	1552	413	9772	35	45	290	61 1/4											
5	8 3/4	1552	413	9772	35	45	290	61 1/4											
MUD																			
WEIGHT 7.3																			
VISCOSITY 46																			
GEL 500 61 64 64 64																			
W.L. 3 F.C. PH. 10.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS																			
ADDITIVES: GENERAL																			
Drilling Line Record																			
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	START	STOP	INTVL
2847	3	2850	1/2	80															

DIRECTIONS TO WELL

RIG NO. 1

LOCATION

MAILING

SHIPPING

LSD. C

SEC 12 / TWO

PCP

1

2000

10

ROAD CONDITIONS



DIRECTIONS TO
WELL

RIG NO. 2

LOCATION

MAILING LIST

SHIPPING

MILES

DATE 3-6-73

1957

ROAD CONDITIONS

843

COMMONWEALTH DRILLING (NORTHERN) LIMITED

DAILY DRILLING LOG

DIRECTIONS TO WELL

RIG NO. 12

LOCATION SQUARBY STB 1

LSD. E SEC. 24 TWP

RGE. W

DATE FEB 19

1962

MAILING POINT

SHIPPING POINT

MILES MOVED

ROAD CONDITIONS

TOUR	M.D.	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME		
																		START	STOP	INTVL.
1	5:30	96	689	6	51	62	87	4	16	7	2 1/2	584	17	476			DRILLING OUT FIRST SHOT	12:00	4:45	4 1/2
2	8:00	181	870	6 1/2	55	247	64	4	16	7	2 1/2	584	17	476			Rig SERVICE - B.P.S.	2:45	3:00	1 1/4
3	10:30	262	932	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476			Dump mud tank - 1000 lbs.	2:00	2:40	3 1/4
4	1:00	343	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476			MUD 100	5:45	6:05	1 1/4
5	3:30	424	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476			Down 100' H.L.	1:25	2:00	1 1/4
6	6:00	505	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
7	8:30	586	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
8	11:00	667	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
9	1:30	748	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
10	4:00	829	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
11	6:30	910	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
12	9:00	991	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
13	11:30	1072	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
14	2:00	1153	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
15	4:30	1234	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
16	7:00	1315	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
17	9:30	1396	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
18	12:00	1477	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
19	2:30	1558	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
20	5:00	1639	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
21	7:30	1720	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
22	10:00	1801	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
23	12:30	1882	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
24	3:00	1963	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
25	5:30	2044	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
26	8:00	2125	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
27	10:30	2206	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
28	13:00	2287	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
29	15:30	2368	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
30	18:00	2449	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
31	20:30	2530	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
32	23:00	2611	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
33	1:00	2692	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
34	3:30	2773	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
35	6:00	2854	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
36	8:30	2935	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
37	11:00	3016	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
38	13:30	3097	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
39	16:00	3178	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
40	18:30	3259	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
41	21:00	3340	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
42	23:30	3421	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
43	1:00	3502	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
44	3:30	3583	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
45	6:00	3664	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
46	8:30	3745	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
47	11:00	3826	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
48	13:30	3907	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
49	16:00	3988	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
50	18:30	4069	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
51	21:00	4150	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
52	23:30	4231	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
53	1:00	4312	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
54	3:30	4393	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
55	6:00	4474	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
56	8:30	4555	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
57	11:00	4636	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
58	13:30	4717	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
59	16:00	4798	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
60	18:30	4879	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
61	21:00	4960	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
62	23:30	5041	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
63	1:00	5122	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
64	3:30	5203	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
65	6:00	5284	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
66	8:30	5365	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
67	11:00	5446	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
68	13:30	5527	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
69	16:00	5608	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
70	18:30	5689	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
71	21:00	5770	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
72	23:30	5851	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
73	1:00	5932	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
74	3:30	6013	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
75	6:00	6094	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
76	8:30	6175	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
77	11:00	6256	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
78	13:30	6337	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
79	16:00	6418	970	5 1/2	51	310	10	4	16	7	2 1/2	584	17	476						
80	18:30	6499	970	5 1/2	51	310	10	4	16	7	2 1/2									

DIRECTIONS TO
WELL

MAILING
POINT _____

SHIPPING
POINT

**MILES
MOVED**

ROAD
CONDITIONS

100 30

343

DIRECTIONS TO
WELL

RIG NO.

RIG NO. 12

LOCATION

MAILING
POINT _____

**SHIPPING
POINT:**

LEB

24

•

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MILES
MOWER

ROAD

11

COMMONWEALTH DRILLING (NORTHERN) LIMITED

DAILY DRILLING LOG

DIRECTIONS TO
WELL

RIG NO. 12

LOCATION

MAILING
POINTSHIPPING
POINT

LSD. 6

SEC. 24

TWP.

RGE.

W.

DATE FEB 9/1980

1980

MILES
MOVEDROAD
CONDITIONS

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME		
																	START	STOP	INTV.
627	3	630	1/2	34 M	31.10			10	6"	24	28	1	7.58			READING	12:01	12:30	1/2
Rig SERVICE																	12:30	12:45	1/2
DUMMIE TRIP																	12:45	1:00	1/2
Circ. To Riser Surface Casing																	1:00	1:15	1/2
Liner 630																	1:15	1:30	1/2
Hole 630																	1:30	1:45	1/2
Rig up to Riser Casing																	1:45	2:15	1/2
Running																	2:15	2:30	1/2
Rig up to Circ.																	2:30	2:45	1/2
FIRES																			
Circ. Riser Casing																	2:45	3:00	1/2
Cement Casing																	3:00	3:15	1/2
WOC																	3:15	3:30	1/2
																	3:30	3:45	1/2
																	3:45	4:00	1/2
																	4:00	4:15	1/2
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																	2:45	3:00	

COMMONWEALTH DRILLING (NORTHERN) LIMITED

DAILY DRILLING LOG

DIRECTIONS TO WELL

RIG NO. 12

LOCATION

Scurry 8th

LSD. E

SEC. 24

TWP.

RGE.

W.

DATE

FEB 8

1957

MAILING POINT

SHIPPING POINT

MILES MOVED

ROAD CONDITIONS

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly	REMARKS	TIME	START	STOP	INTVL
540	20	560	3 1/4	34	21.9	0		10	6	2 1/2	285	017	58	2100		Redmire	12:00	12:30	1/4	
560	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	12:30	12:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	12:45	12:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	12:50	12:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	12:55	1:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:00	1:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:05	1:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:10	1:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:15	1:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:20	1:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:25	1:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:30	1:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:35	1:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:40	1:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:45	1:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:50	1:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	1:55	2:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:00	2:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:05	2:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:10	2:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:15	2:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:20	2:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:25	2:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:30	2:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:35	2:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:40	2:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:45	2:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:50	2:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	2:55	3:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:00	3:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:05	3:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:10	3:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:15	3:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:20	3:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:25	3:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:30	3:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:35	3:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:40	3:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:45	3:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:50	3:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	3:55	4:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:00	4:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:05	4:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:10	4:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:15	4:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:20	4:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:25	4:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:30	4:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:35	4:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:40	4:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:45	4:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:50	4:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	4:55	5:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:00	5:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:05	5:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:10	5:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:15	5:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:20	5:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:25	5:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:30	5:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:35	5:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:40	5:45	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:45	5:50	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:50	5:55	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	5:55	6:00	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:00	6:05	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:05	6:10	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:10	6:15	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:15	6:20	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:20	6:25	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:25	6:30	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:30	6:35	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:35	6:40	1/4	
545	25	545	5 3/4	34m	27.9	1		10	6	2 1/2	255	017	58	2100		Redmire	6:40	6:45	1/4	

COMMONWEALTH DRILLING (NORTHERN) LIMITED

DAILY DRILLING LOG

DIRECTIONS TO
WELL

RIG NO.

LOCATION

LSD.

SEC.

TWP.

RGE.

W.

DATE

1962

MAILING
POINTSHIPPING
POINTMILES
MOVEDROAD
CONDITIONS

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly		
610	70	630	5 1/2	22				4	6 1/2	2 1/2	116.24	7.58			8		
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
532	2 1/2	REG	1 1/2	81550	10	40	495	24	2	7	750	6			2	3	5
M.U.D. 12 m. 2 a.m. 4 a.m. 6 a.m. PUMP 12 m. 2 a.m. 4 a.m. 6 a.m. PUMP 12 m. 2 a.m. 4 a.m. 6 a.m. MOTOR HOURS Next Oil Change																	
WEIGHT	34	34	34	No. 1	PRES. TUBE	250	750	No. 2	PRES. TUBE								
VISCOSITY	70	70	65	MODEL	S.P.M.	15	65	65	MODEL	S.P.M.							
GEL				LINER SIZE					LINER SIZE								
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS											
ADDITIVES: Gel 2000 GENERAL																	
Drilling Line Record																	
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly		
154	129	283	7 3/4	22			9	6 1/2	2 1/2	227.64	7.58				65		
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
10	6 1/2	REG	1 1/2	81550	10	40	495	24	2	7	750	6			2	3	5
M.U.D. 8 a.m. 10 a.m. 12 noon 2 p.m. PUMP 8 a.m. 10 a.m. 12 noon 2 p.m. PUMP 8 a.m. 10 a.m. 12 noon 2 p.m. MOTOR HOURS Next Oil Change																	
WEIGHT	90	90	90	No. 1	PRES. TUBE	250	750	No. 2	PRES. TUBE								
VISCOSITY	70	80	65	MODEL	S.P.M.	15	65	65	MODEL	S.P.M.							
GEL				LINER SIZE					LINER SIZE								
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS											
ADDITIVES: Gel 10 Bags GENERAL																	
Drilling Line Record																	
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly		
283	119	402	7	22			10	6 1/2	2 1/2	285.01	7.58				35		
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
10	6 1/2	REG	1 1/2	81550	10	40	495	24	2	7	750	6			2	3	5
M.U.D. 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. MOTOR HOURS Next Oil Change																	
WEIGHT	91	91	91	No. 1	PRES. TUBE	250	750	No. 2	PRES. TUBE								
VISCOSITY	70	65	60	MODEL	S.P.M.	15	65	65	MODEL	S.P.M.							
GEL				LINER SIZE					LINER SIZE								
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS											
ADDITIVES: Gel 10 Bags GENERAL																	
Drilling Line Record																	
From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly		
402	119	521	7	22			10	6 1/2	2 1/2	402.01	7.58				35		
No.	Size	Type	Joint W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
10	6 1/2	REG	1 1/2	81550	10	40	495	24	2	7	750	6			2	3	5
M.U.D. 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. PUMP 4 p.m. 6 p.m. 8 p.m. 10 p.m. MOTOR HOURS Next Oil Change																	
WEIGHT	91	91	91	No. 1	PRES. TUBE	250	750	No. 2	PRES. TUBE								
VISCOSITY	70	65	60	MODEL	S.P.M.	15	65	65	MODEL	S.P.M.							
GEL				LINER SIZE					LINER SIZE								
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS											
ADDITIVES: Gel 10 Bags GENERAL																	
Drilling Line Record																	
B.O.P. Tested Elapsed Time Pressure Packing & Seal Inspected Date Crown & Mot. Chkd. Fuel on Hand 12.01 a.m. gals. CASING REPORT RAN ITS CSG EQUIPMENT CHANGES DEWATER SIGNATURE TRANSFER																	
Hyd. Fuel Rec'd Today (add) gals. TO KB. USED SAX CEM																	
Pipe Rams. TOTAL gals. PLUS PLUG DOWN A.M. P.M.																	
Blind Rams. Fuel on Hand 11.59 p.m. (deduct) gals. CEMENT RETURNS YES NO GENERAL																	
TOTO RING ON BIT Batter Operated. Hrs. Fire Exting. Chkd.																	
TOTAL COMPANY TIME HRS. TOTAL CONTRACTOR'S TIME HRS.																	
Approved by Operator's Representative																	
Approved by Toolpusher																	

CONSERVATION BOARD COPY

840

COMMONWEALTH DRILLING (NORTHERN) LIMITED

DAILY DRILLING LOG

DIRECTIONS TO WELL

RIG NO.

12

LOCATION

SQUARRY

LSD.

SEC. 27

RGE.

W.

DATE

1960

MAILING POINT

SHIPPING POINT

MILES MOVED

ROAD CONDITIONS

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.S. Ft.	Fl. up on Kelly	REMARKS	TIME	START	STOP	INTVL.
336	121	457	54	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
457	85	542	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
542	78	620	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
620	74	694	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
694	74	768	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
768	74	842	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
842	74	916	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
916	74	990	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
990	74	1064	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1064	74	1138	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1138	74	1212	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1212	74	1286	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1286	74	1360	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1360	74	1434	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1434	74	1508	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1508	74	1582	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1582	74	1656	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1656	74	1730	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1730	74	1804	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1804	74	1878	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1878	74	1952	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
1952	74	2026	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2026	74	2100	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2100	74	2174	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2174	74	2248	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2248	74	2322	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2322	74	2396	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2396	74	2470	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2470	74	2544	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2544	74	2618	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2618	74	2692	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2692	74	2766	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2766	74	2840	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2840	74	2914	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2914	74	2988	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
2988	74	3062	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3062	74	3136	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3136	74	3210	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3210	74	3284	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3284	74	3358	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3358	74	3432	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3432	74	3506	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3506	74	3580	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3580	74	3654	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3654	74	3728	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3728	74	3802	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3802	74	3876	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3876	74	3950	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
3950	74	4024	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4024	74	4098	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4098	74	4172	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4172	74	4246	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4246	74	4320	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4320	74	4394	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4394	74	4468	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4468	74	4542	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4542	74	4616	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4616	74	4690	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4690	74	4764	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4764	74	4838	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4838	74	4912	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4912	74	4986	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
4986	74	5060	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5060	74	5134	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5134	74	5208	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5208	74	5282	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5282	74	5356	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5356	74	5430	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5430	74	5504	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5504	74	5578	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5578	74	5652	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5652	74	5726	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5726	74	5800	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5800	74	5874	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5874	74	5948	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
5948	74	6022	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00	1:00	1	
6022	74	6096	1	34	2	1		10	6"	4 1/2"	24.5	1	3.76		10	Drilling 2" Port Hole	1:00</			

DIRECTIONS TO WELL

RIG. NO.

LOCATION

SUNNY SIDE

1 SD

SEP 24 TW

• **PG**

2

DATA

104

MAILING
POINT:

SHIPPING
POINT

**MILES
MOVED**

ROAD
CONDITIONS

1999