



Well Name Nom du puits Miami Amoco Swede 0-22		Drilling Authority No. Autorisation de forage n° 752	
Field/Area Gisement/Région		Date Issued Date d'émission 01-03-74	
Location Emplacement	Unit Unité O-22-60-20-117-30	Section	Permit or Lease 4601
Latitude 60° 11' 50"		Longitude 117° 34' 25"	
U.W.L.R. N.R.U.E.P. 60.19722 - 117.57361			
U.W.I. No. N.I.P. No. 3000226020117300			
File Microfilmed		Rig. Release Date Date de transfert de la tour de forage march 28, 1974	
Tour Sheets, Microfilmed		Status Statut Plugged & Abandoned	
		Information Release Date Date de publication autorisée des informations march 28/1976	

CHANGE OF NAME:
CHANGEMENT DE NOM:Change of Location
Changement de emplacement

INDEX	DATE RECEIVED RECU LE	INDEX
Application for a Drilling Authority		Demande d'autorisation de forage
Well Completion Data	20-5-74	Renseignements sur le forage d'un puits
Well History Report	20-5-74	Données chronologiques sur le puits
Application to Amend a Drilling Authority		Demande de modification d'une autorisation de forage
Application to Change a Well Name		Demande de changement du nom d'un puits
Application to Abandon a Well or Suspend Drilling	28-5-74	Demande d'abandon d'un puits ou de suspension du forage
Application to Alter Condition of a Well		Demande d'autorisation de modifier l'état d'un puits
Well History Supplement		Supplément aux données chronologiques sur le puits
Well Completion Data		Renseignements sur le forage d'un puits
Work-Over Report No.		Rapport de reconditionnement n°
Application to Commingle Production before Measurement		Demande d'autorisation de mélanger la production avant jaugeage
Data for Back Pressure Test on Natural Gas Wells		Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode graphique n° 7
Data for Back Pressure Test on Natural Gas Wells		Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode de Vitter
M.P.R. — Oil — Calculations		Calcul du T.M.P. (Taux maximal de production) de pétrole
New Oil Well Report		Rapport sur un nouveau puits de pétrole
New Gas Well Report		Rapport sur un nouveau puits de gaz naturel
Well Inspection Report		Rapport d'inspection de l'emplacement d'un puits
Rig Inspection Report		Rapport d'inspection d'une tour de forage
Battery Inspection Report		Rapport d'inspection d'une batterie de puits
Equipment Report		Rapport d'inspection des compteurs
Well Card		Fiche de puits
New Service Well Report		Rapport sur un nouveau puits de service
Strat Service Logs		Rapport mensuel des injections d'eau
Logs — Large scale		Diagrammes: Grande échelle
Logs — Small scale		Diagrammes: Petite échelle

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

WELL COMPLETION DATA

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



Well name and number MIAMI AMOCO SWEDE 0-22

Permit No. 4601 Lease No.

Amoco Canada Petroleum Company Ltd. Exploratory Licence No. 2266
(Permittee, Licensee, Lessee)

Miami Oil Producers, Inc. Exploratory Licence No. 2132
(Operator)

Location: Unit 0 Section 22 Grid 60-20-117-30
Latitude 60°11'50"N Longitude 117°34'25"W
From Established Reference Marker 300.0226020117300
Universal Well Location Reference Lat. 60.19722°N Long. 117.57361°W

	DATE	DEPTH	Pool(s)
Spudded	Mar. 5/74		Interval(s) open to production
Suspended			
Resumed Operations			
Finished Drilling	Mar. 24/74	5149' Driller	
Deepened		5133' Logger	Elevation: Gr. <u>2544'</u> K.B. <u>2557.5'</u>
Complete (gas/oil)			Rig No. <u>19</u>
Abandoned	Mar. 27/74	480'	Drilling Contractor <u>Westburne - G.P.</u>
Rig released	Mar. 28/74		Contractor's Business Licence No. <u> </u>

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 10-3/4"	H-40	32.75#	27 joints	546.5' K.B.	560 sacks normal cement plus 3% CaCl ₂
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depth	Sub-Sea	From	To	Rec.	From	To	Rec.
Wabamun	1769'	+ 789'	NO CORES CUT.					
Hay River Shale	2451'	+ 107'						
BHL Shale	4299'	-1741'						
Slave Point	4443'	-1885'						
Ft. Vermillion	4592'	-2034'						
Watt Mountain	4622'	-2064'						

Watt Mountain	4822'	-2064'	LOG RECORD			
Muskeg	4665'	-2107'	Run No.	Type of Log	From	To
Keg River Platform	4994'	-2436'	1	Dual Induction		
Red Beds	5105'	-2547'		Laterolog	546'	5125'
Granite Wash SS	5115'	-2557'	1	Borehole Compensated		
Pre-Cambrian	5123'	-2565'		Sonic Log	548'	5131'
			1	Compensated Neutron		
				Formation Density	4200'	5130'
				Sample Description		
				Log	1600'	T.D. (5149')



Drilling Authority No. 752
Date Issued March 1, 1974

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

WELL COMPLETION DATA

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



Well name and number MIAMI AMOCO SWEDE O-22
Permit No. 4601 Lease No. _____
Amoco Canada Petroleum Company Ltd. Exploratory Licence No. 2266
(Permittee, Licensee, Lessee)
Miami Oil Producers, Inc. Exploratory Licence No. 2132
(Operator)
Location: Unit 0 Section 22 Grid 60-20-117-30
Latitude 60°11'50"N Longitude 117°34'25"W
From Established Reference Marker 300.0226020117300
Universal Well Location Reference Lat. 60.19722°N Long. 117.57361°W

	DATE	DEPTH	Pool(s)
Spudded	Mar. 5/74		Interval(s) open to production
Suspended			
Resumed Operations			
Finished Drilling	Mar. 24/74	5149' Driller	
Deepened		5133' Logger	Elevation: Gr. 2544' K.B. 2557.5'
Complete (gas/oil)			Rig No. 19
Abandoned	Mar. 27/74	480'	Drilling Contractor Westburne - G.P.
Rig released	Mar. 28/74		Contractor's Business Licence No.

CASING RECORD

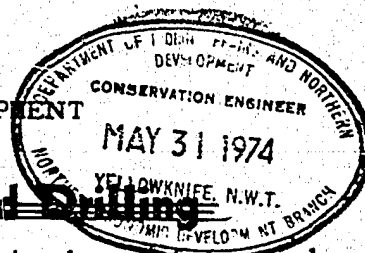
Casing Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 10-3/4"	H-40	32.75#	27 joints	546.5' K.B.	560 sacks normal cement
2.					plus 3% CaCl ₂ .
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depths	Sub-Sea	From	To	Rec.	From	To	Rec.
Wabamun	1769'	+ 789'	NO CORES CUT.					
Hay River Shale	2451'	+ 107'						
BHL Shale	4299'	-1741'						
Slave Point	4443'	-1885'						
Ft. Vermillion	4592'	-2034'						
Watt Mountain	4622'	-2064'						
Muskeg	4665'	-2107'						
LOG RECORD								
			Run No.	Type of Log		From	To	
Keg River Platform	4994'	-2436'	1	Dual Induction				
Red Beds	5105'	-2547'	1	Laterolog		546'	5125'	
Granite Wash SS	5115'	-2557'	1	Borehole Compensated				
Pre-Cambrian	5123'	-2565'	1	Sonic Log		548'	5131'	
				Compensated Neutron				
				Formation Density		4200'	5130'	
				Sample Description				
				Log		1600'	T.D. (5149')	



Drilling Authority No. 752

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION



Application to Abandon a Well or Suspend Drilling

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

✓ Name and number of well Miami Amoco Swede 0-22
✓ Location: Unit 0 Section 22 Grid 60-20-117-30
Latitude 60°11'50" Longitude 117°34'25"
From Established Reference Marker 3000226020117300
Universal Well Location Reference Lat. 60.19722°N, Long. 117.57361°W
✓ Permit No. 4601 Lease No.

Amoco Canada Petroleum Company Ltd.
(Permittee, Licencee, Lessee)

Date of commencement of proposed program February 27, 1974

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil
Gas at Nil
Water at Nil
✓ Total Depth 5149' Driller 5133' Date of last operations February 27, 1974
Present condition of well Dry and Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 10-3/4"	32.75#	27 jts.	546.50'	560 sxs + 3% CaCl ₂	
2.			K.B.		
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug	Geological Formation	Number of Sacks of Cement	Remarks
	Position			
1	5149'-4753'	Red Beds	200 sxs	No feel.
2	596'-496'	Devonian	75 sxs	Felt @ 480'.

✓ The following logs have been run. Dual Induction, BHC Sonic, Compensated Neutron
Other operations proposed.

✓ Operations to be carried out by Westburne - G.P. Contractor Licence No.
Address 550 - 6th Avenue S.W., Calgary Address
Responsible Agent in field Helton Engineering Ltd., 625 - 4th Avenue S.W., Calgary
Dated at Calgary, this 28th Day of May 19 74
Signed by *[Signature]* Company Miami Oil Producers, Inc.
Title Agent for Miami Oil Prod. Operator's Exploratory Licence No. 2132 ✓

Note:—The District 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. B. Wood on March 26, 1974. This approval included cutting casing off 3 feet below ground level, running a 5-sack surface plug welded on metal plate and erecting well identifier.

Dated June 4, 19 74

[Signature]
District Conservation Engineer



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 Miami Amoco Swede 0-22

Location: Unit 0 Section 22 Grid 60-20-117-30

Latitude 60°11'50" Longitude 117°34'25"

Unique Well Identifier 3000226020117300

Universal Well Location Reference Lat. 60.19722° N., Long. 117.57361° W.

Elevation: Ground 2544' K.B. 2554' feet above sea-level.

Well is expected to produce from Slave Point, Sulphur Point, Keg formation at a depth of about 4400, 4600, 4750 resp. feet. Expected total final depth River 5400'

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 4601 Lease No. Acreage 63534 acres

Permittee, licensee, or lessee Amoco Canada Petroleum Company Ltd.

Exploratory Licence No. 2266

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 landing them as indicated below:—

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. <u>9 5/8"</u>	<u>32.3#</u>	<u>H</u>	<u>New</u>	<u>540</u>	
2. <u>4 1/2"</u>	<u>9.5"</u>	<u>J</u>	<u>New</u>	<u>5400'</u>	<u>As required</u>
3.					
4. <u>IN THE EVENT THAT 9 5/8" CASING IS NOT AVAILABLE, WE PROPOSE</u>					
5. <u>TO USE 10 3/4", 32.75#, H CASING.</u>					

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

Control Equipment - 10" 900 Series Hydril & Double Ram Preventers

Well will be drilled with Rotary Rig No. 19 by Westburne-G.P. Drilling Ltd.

(Drilling Contractor or company)

#932, 550 Sixth Avenue S.W., CALGARY

Responsible agent of applicant:—

Contractor's Business Licence No.

At well Helton Engineering Ltd. At registered office Helton Engineering Ltd.

Address 625-4 Ave. S.W. Calgary Address 625-4th Ave. S.W., Calgary

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

Dated at Calgary, this 25th day of February, 19 74

Signed by [Signature] Company Miami Oil Producers, Inc.

Title Agent for Miami Oil Operator's Licence No. 2132

(For Oil and Mineral Division use only)

APPROVED

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

PLEASE SEE CONDITIONS OF APPROVAL ON THE ATTACHED SHEET

Dated March 1, 19 74

[Signature]
Oil Conservation Engineer

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

CONDITIONS OF APPROVAL:

1. Copies of this Drilling Authority and Amendments to a Drilling Authority shall be exhibited at the drilling rig in both the Doghouse and the Drilling Foreman's office between spud and rig release dates.
2. The Company shall submit to this office, on Tuesday of each week/~~day~~, the latest reports received on the progress of the well.
3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent contamination of adjacent areas, or sub-surface waters.
4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
5. Approval must be obtained from the District Conservation Engineer to run any casing or liners not approved on the Drilling Authority.
6. All shows of oil and/or gas, and water flows, or any unusual events shall be reported to the District Conservation Engineer immediately.
7. Should a fatal accident occur, the District Oil and Gas Conservation Engineer shall be notified immediately and the scene of the accident shall be left intact, unless safety considerations dictate otherwise, pending investigation by official authorities.

If the requirement to leave the scene of the accident intact interferes, in the opinion of the Operator, with the safe and efficient operation of the drilling rig, drilling operations shall be suspended after ensuring the safety of the well in the suspended state and permission to resume drilling must be obtained from the District Oil and Gas Conservation Engineer.
8. Two field print copies of all well logs and three copies of the core and fluid analyses must be forwarded to the District Oil and Gas Conservation Engineer as soon as they are available.
9. Formation tops (samples or logs) of the section penetrated each week are to be reported with the weekly drilling reports.
10. The District Oil and Gas Conservation Engineer must be notified at least 24 hours before spudding the well.
11. Permission to drill beyond the approved final total depth MUST be obtained from the District Oil and Gas Conservation Engineer.



G. E. Blue

District Conservation Engineer
District 2

Well No. 110

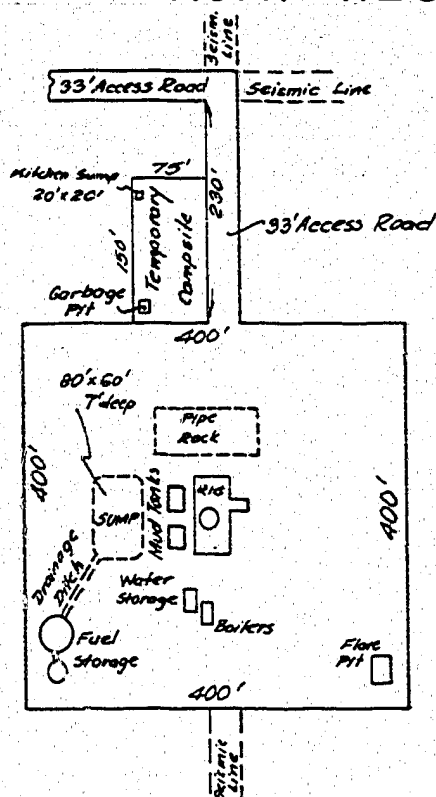
PRELIMINARY PLAN

MIAMI AMOCO CAMERON HILLS 0-22

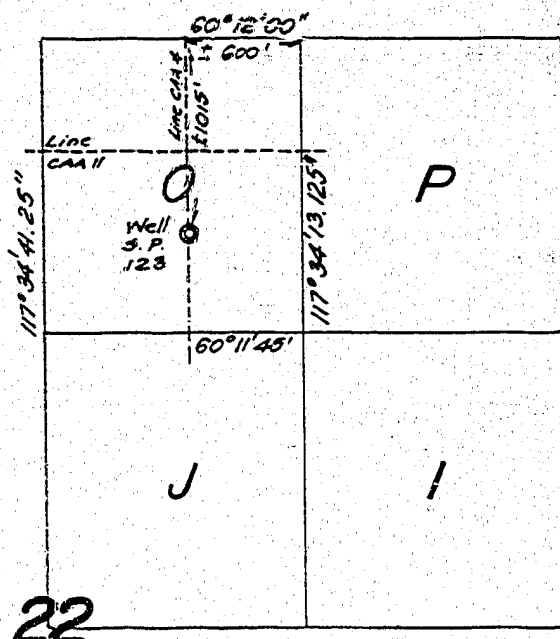
Unit 0 Section 22 Grid Area $60^{\circ}20' - 117^{\circ}30'$

Latitude $60^{\circ}11'50''$ Longitude $117^{\circ}34'25''$

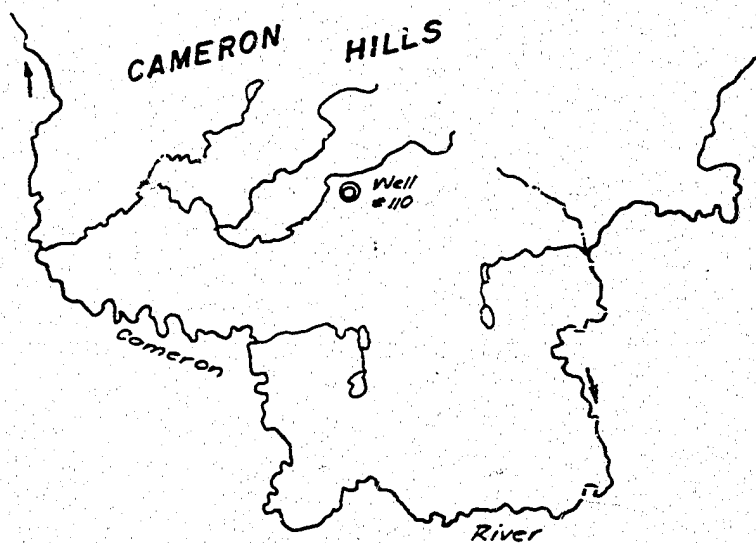
NORTHWEST TERRITORIES



WELL DETAIL
Not to Scale



Scale: 1" = 1000'



Scale: 1:250,000

HELTON ENGINEERING LTD.

for

MIAMI OIL PRODUCERS, INC.

Elevation: 2544 Copied from seismic notes
Horizontal Information scaled from
seismic maps.

J. McNamee Geol. Mgr.
W. H. Helton Pres.

Prepared by
MIDWEST SURVEYS CO. LTD.



C-961-73-1

Amoco Canada Petroleum Company Ltd.
DRILLING AND COMPLETION PROGRAM

#110

WELL Middle Amoco Cameron Hills 0-22
PROVINCE Northwest Territories

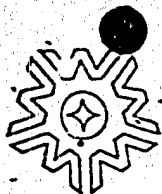
FIELD Wildcat
LOCATION 60°20'N 117°30'W

FILE NO. _____
DATE September 14, 1973

LOGGING PROGRAM				SEDIMENTARY MARKERS	
DILL	TYPE	SCALE	INTERVAL	ESTIMATED GROUND ELEVATION	
				MARKER	DEPTH
		2" & 5"	Surf.csg. - T.D.	Est. Ground	2550
B.H.C. Sonic Gamma Ray		2" & 5"	Surf.csg. - T.D.	Est. K.B.	2563
Density		2" & 5"	4,200 - T.D.		
S.N.P.		2" & 5"	4,200 - T.D.	D-1	1828 + 735
REMARKS:				Hay River Shale	2448 + 115
				Beaverhill Lake	4173 -1610
				Slave Point	4393 -1830
				Watt Mountain	4553 -1990
				Sulphur Point	4603 -2040
REMARKS:				Muskeg	4703 -2140
				Keg River Reef	4753 -2190
				Keg River Platform	4963 -2400
				Chinchaga	5213 -2650
				Red Beds	5338 -2775
REMARKS:				PreCambrian	5363 -2800
				TOTAL DEPTH: 5401 (-2850) or 50' into PreCambrian	
				POSSIBLE PAY / PROBABLE COMPLETION INTERVAL	
				DESCRIPTION OF LANDING POINT, ETC.	
CORING PROGRAM					
COMPLETION PROGRAM					
GENERAL REMARKS					

Location situated on S.P. #123, seismic line #C.A.A.-4

PREPARED BY: <u>M. J. Stewart</u>	APPROVED: 	APPROVED:
--------------------------------------	-------------------	-------------------



Westburne - G.P. Drilling Ltd. Forage Westburne - G.P. Ltée.

R I G # 1 9

MAJOR COMPONENTS

- | | |
|----------------------|--|
| Mast | - 126' Lee C. Moore, capacity 370,000#. |
| Substructure | - 10' steel. |
| Drawworks | - National T32 double drum, torque converter driven. |
| Engines | - GM Twin 6 "N" Series on hoist, 310 HP. |
| | - Caterpillar D379 on K500A pump, 520 HP. |
| Slush Pump | - National K500A (7 3/4 x 15) unitized in building. |
| Mud Mixer Pump | - 5 x 6 Mission, centrifugal mounted in pump building, driven from Cat motor. |
| Drill Pipe | - 4" Grade E, 14#, 3 1/2" IF connections w/5" OD tool jts. |
| Drill Collars | - 18 - 5" x 31' x 2 1/4", 3 1/2" IF connections. |
| | - 7 - 6 3/4" x 31' x 2 7/8" bore, 5" H90 connections. |
| | - 19 - 6 1/4" x 31' x 2 7/8" bore, 4 1/2" H90 connections. |
| | - Oilwell 17 1/2". |
| Rotary Table | - 6 sheave - integral part of mast. |
| Crown | - Baash Ross Model DBM - 430 - 150 Ton combination. |
| Travelling Block | - Oilwell SA 150. |
| Hook | - 1". |
| Swivel | - D 315 Caterpillar 30 KW - AC. |
| Drilling Line | - 50 HP Napanee type diesel fired, automatic. |
| Light Plant | - Link Belt NRM 145, single. |
| Boiler | - 1 - 4' x 12' x 45', capacity 385 Bbls. with low and high pressure mud mixing system. |
| Shale Shaker | - Totco, double recorder. 80 |
| Mud Tanks | - 10 - 900 Hydril GK |
| Deviation Equipment | - 10 - 900 Hydraulic Double Shaffer. |
| B.O.P.'s | - Hydril Model 80 Accumulator - remote controls and standby nitrogen bottles. |
| | - Manifold - outside subbase. |
| Buildings | - 8' x 43' steel light plant, change house and accumulator house. |
| | - 8' x 23' steel oil house and tool house. |
| | - 8' x 15' steel drillers' doghouse. |
| Water & Fuel Storage | - 300 Bbls. - water; 5000 Gals. - fuel, combined in one load. |
| Special Equipment | - Martin Decker hydro-mech rotary torque gauge. |
| | - Foster tong torque gauge. |
| | - Eastman drilling time recorder. |
| | - Satellite automatic driller. |
| | - Hydromatic brake. |
| Unitized Lines | - Suitcase type. |

14/11/72

MEMBER OF THE WESTBURNE GROUP

SUITE 932 CALGARY HOUSE, 550 - 6th AVENUE S.W., CALGARY, ALBERTA T2P 0S2

TELEPHONE 403/266-8701



SUGGESTED MUD PROGRAM

Miami Oil Producers Inc.,
P.O. Box 2040,
Abilene, Texas.

Re: Miami Cameron Hills 0-22 60° 20'N 117° 30'W #110

We are pleased to submit herewith mud summary and cost estimate for the above captioned wells. We estimate 20 contract days, 5 days daywork and 2 days surface casing and w.o.c.

SURFACE HOLE:

Drill surface with a conventional spud mud, using bentonite and small amounts of lime and/or caustic soda to raise the viscosity as required to maintain good hole conditions. If loss circulation occurs, raise viscosity as described and add sawdust until returns are regained.

TOP HOLE to 500' ABOVE SLAVE POINT:

Drill out cement and dump cement cut returns. Treat out excess cement contamination with 200# Bicarbonate of Soda. Drill ahead with water. Add 10# S.A.P.P. each 200 feet of hole drilled to disperse mud ring build up.

500' ABOVE SLAVE POINT to TOTAL DEPTH:

Estimated formation tops: #109 #110.

Slave Point	4608'	4393'
Watt Mtn	4798'	4553'
Muskeg	4913'	4703'
Keg River	4973'	4753'
Chinchaga	5393'	5213'
PreCambrian	5533'	5363'
Total Depth	5583'	5401'
Mud up	4100'	3900'



SUGGESTED MUD PROGRAM

2.

Mud up with gel chemical mud system. Hole is to be kept full at all times and in shape for evaluation of various formations.

Suggested Properties:

Weight	.944-9.6 #/gal. Let weight build up to 10.5 #/gal for penetration of Slave Point and balance of hole.
Viscosity	
Drilling	45-55 sec/qt
Coring	60-65 sec/qt
Testing	70-80 sec/qt
Plastic viscosity	15-30
Yield point	15-40
Gels 0 min	10-15
Gels 10 min	15-30
pH	9.0
Water loss	8 c.c.

Raise viscosity prior to reaching total depth for logging operations allowing sufficient time for gel to yield.

The cost of the above program is estimated at \$7,000.00 per well plus trucking of \$1,500.00 per well from High Level stock point.

SERVICE ENGINEER: Mr. Rick Michalski, who will be stationed at the well site.

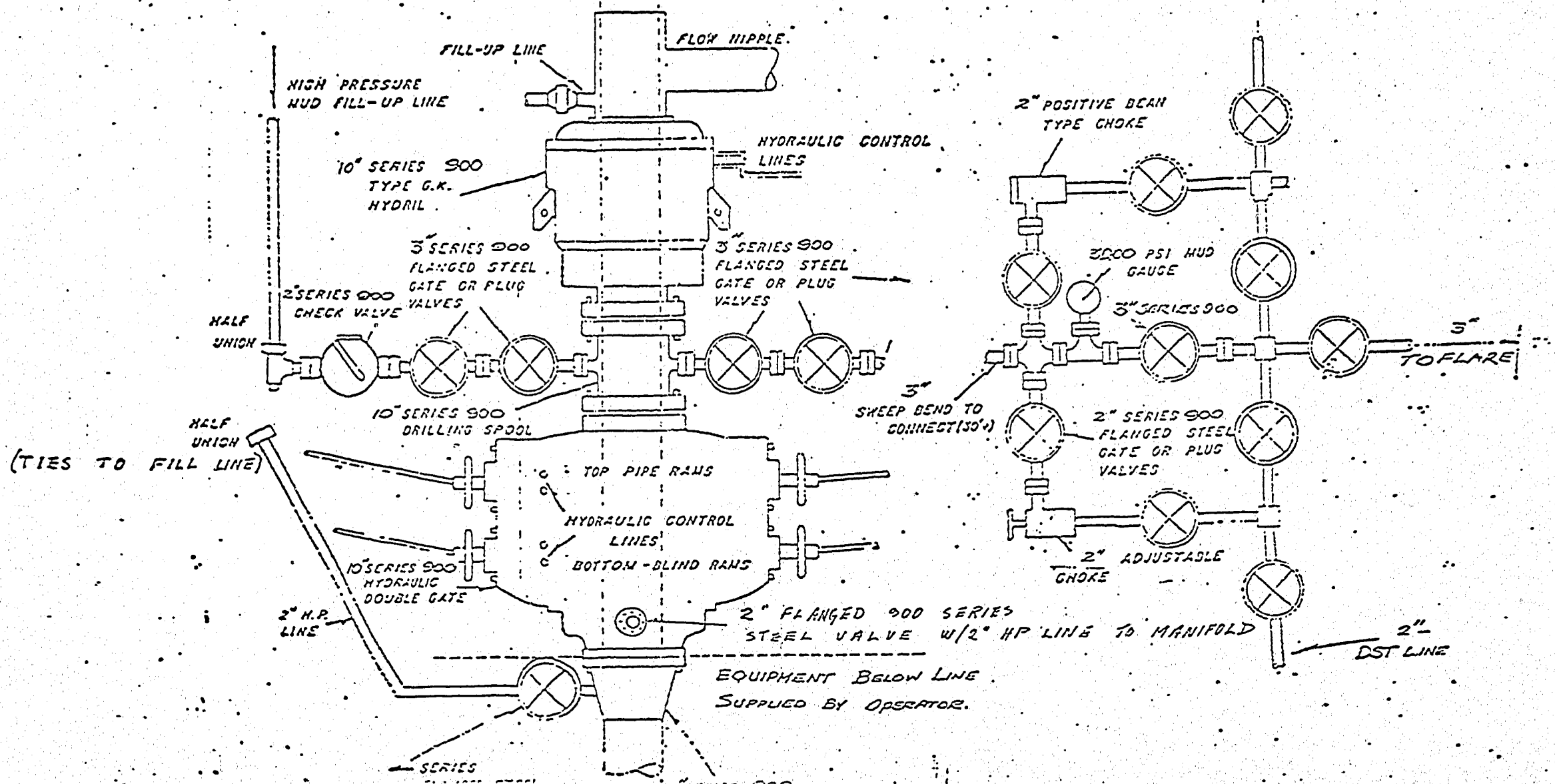
PROGRAM BY: Arthur L. Hazle

November 28, 1973.

WESTBURNE DRILLING RIG No. 19

- 10" - 3000' B.O.P. STACK,

- 3" x 2" 3000' MANIFOLD,





PETROLEUM INDUSTRY TRAINING SERVICE

10330 - 71ST AVENUE
EDMONTON, ALBERTA, T6E 0W8

E. W. GABERT
EXECUTIVE DIRECTOR

TELEPHONE
436-1445

8 November 1972

Mr. Fred Murray
Westburne Drilling Limited
550 - 6 Avenue, SW
Calgary, Alberta

Dear Mr. Murray:

This is to confirm that the following candidates from your Company have successfully completed our Well Control Training Short Course:

Glen Sodergren
Norman Long
J. Stober
A. Zandee
John Hansen
Arthur Kadatz
A. Chambers
A. Sands
D. Tegenkamp
W. Koening

James Fraser
Cecil Shogren
Orville Smith
W. Birnie-Browne
I. Kadatz
Don Long
C. Stimson
E. Zerbe
D. Conklin
Patrick D. Beauchamp

Each of the above candidates received our Certificate of Achievement.

Yours truly,

PETROLEUM INDUSTRY TRAINING SERVICE

E. W. Gabert,
EXECUTIVE DIRECTOR

EWG:lb

Rig #19 - Toolpusher Cecil Shogren

Home Address: 2408 - 36th Street, S.E.,
Calgary. (Phone: 272-2394)
Bus. Address: 932, 550 - 6th Avenue, S.W.,
Calgary. (Phone: 266-8701)

Mobile #: JL2-5099

MIAMI AMOCO SWEDE 0-22

60° 20' N - 117° 30' W

WELL HISTORY REPORT

Miami Oil Producers, Inc.

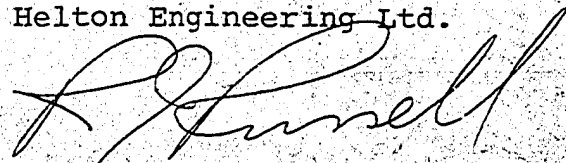
MIAMI OIL PRODUCERS, INC.

MIAMI AMOCO SWEDE O-22

60° 20' N - 117° 30' W

WELL HISTORY REPORT

Helton Engineering Ltd.

A handwritten signature in dark ink, appearing to read 'R. J. Russell', is written over the printed name.

R. J. Russell, P. Eng.

TABLE OF CONTENTS

SECTION I - SUMMARY OF WELL DATA

- (a) Well Name and Number
- (b) Permittee
- (c) Name of Operator
- (d) Location
- (e) Co-ordinates
- (f) Permit Number
- (g) Drilling Contractor
- (h) Drilling Authority
- (i) Classification
- (j) Elevations
- (k) Date Spudded
- (l) Date Completed Drilling
- (m) Total Depth and Plugged Back Total Depth
- (n) Well Status
- (o) Rig Release Date
- (p) Hole Sizes
- (q) Casing Size and Setting Depth

SECTION II - GEOLOGICAL SUMMARY

- (a) Electric Log Tops
- (b) Sample Tops
- (c) Cored Intervals
- (d) Sample Description

SECTION III - ENGINEERING SUMMARY

- (a) Drill Stem Test Report
- (b) Casing Summary
- (c) Bit Record
- (d) Mud Report
- (e) Deviation Surveys
- (f) Abandonment Record
- (g) Lost Circulation Zones

SECTION IV - LOGS

- (a) Type of Logs, Intervals and Dates Run

POCKET

Sample Description
Dual Induction Laterolog
Borehole Compensated Sonic Log
Compensated Neutron Formation Density Log

MIAMI AMOCO SWEDE 0-22

WELL HISTORY REPORT

SECTION I - SUMMARY OF WELL DATA

MIAMI AMOCO SWEDE O-22

WELL HISTORY REPORT

SECTION I - SUMMARY OF WELL DATA

(a) Miami Amoco Swede O-22

(b) Permittee

Amoco Canada Petroleum Company Ltd.

(c) Name of Operator

Miami Oil Producers, Inc.
P.O. Drawer 2040
Abilene, Texas 79604

(d) Location

O-22-60-20-117-30

(e) Co-ordinates

Latitude: 60°11'50" Longitude: 117°34'25"

Unique Well Identifier: 3000226020117300

Universal Well Location Reference: Lat. 60.19722°N
Long. 117.57361°W

(f) Permit Number

4601

(g) Drilling Contractor

Westburne - G.P. Drilling Ltd.
Rig No. 19 - National T32.

(h) Drilling Authority

Drilling Authority No. 752 - March 1, 1974

(i) Classification

New Field Wildcat

(j) Elevations

Ground: 2544' Kelly Bushing: 2557.5' Casing Flange: 2544'

(k) Date Spudded

March 5, 1974

(l) Date Completed Drilling

March 24, 1974

(m) Total Depth and Plugged Back Total Depth

Total Depth: 5149' Dr. Plugged Back Total Depth: 480'
5133' Logger

(n) Well Status

Plugged and Abandoned

(o) Rig Release Date

March 28, 1974

(p) Hole Sizes

15" 0 to 561'; 8-3/4" 561' to 5149'.

(q) Casing Size and Setting Depth

Surface Casing: 10-3/4", 32.75#, H-40 casing.
Landed at 546.50' K.B.

MIAMI AMOCO SWEDE O-22

WELL HISTORY REPORT

SECTION II - GEOLOGICAL SUMMARY

MIAMI AMOCO SWEDE O-22

ELECTRIC LOG TOPS

K.B. Elevation: 2357.5'

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Wabamun	1779'	+ 779'
Hay River Shale	2450'	+ 108'
Beaverhill Lake Shale	4258'	-1700'
Slave Point	4459'	-1901'
Fort Vermillion Member	4594'	-2036'
Watt Mountain	4617'	-2059'
Muskeg	4725'	-2167'
Keg River Platform	4795'	-2237'
Red Beds	5104'	-2546'
Granite Wash	5115'	-2557'
Total Depth - Logger	5125'	-2567'

MIAMI AMOCO SWEDE O-22

SAMPLE TOPS

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Wabamun	1769'	+ 789'
Hay River Shale	2451'	+ 107'
Beaverhill Lake Shale	4299'	-1741'
Slave Point	4443'	-1885'
Fort Vermillion Member	4592'	-2034'
Watt Mountain	4622'	-2064'
Muskeg	4665'	-2107'
Keg River Platform	4994'	-2436'
Red Beds	5105'	-2547'
Granite Wash Sandstone	5115'	-2557'
Pre-Cambrian Quartzite	5123'	-2565'
Total Depth - Driller	5149'	-2591'

MIAMI AMOCO SWEDE 0-22

CORED INTERVALS

No cores were cut on Miami Amoco Swede 0-22.

MIAMI AMOCO SWEDE 0-22

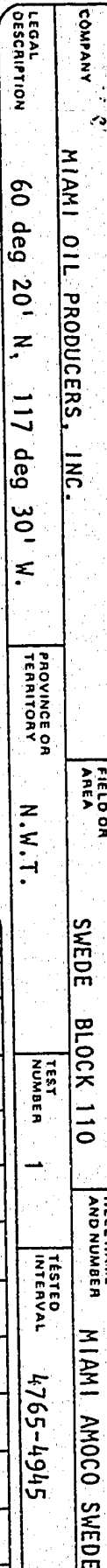
SAMPLE DESCRIPTION

Sample descriptions are included in the pocket at the end of this report.

MIAMI AMOCO SWEDE O-22

WELL HISTORY REPORT

SECTION III - ENGINEERING SUMMARY



EQUIPMENT DATA

	OD	LENGTH
Reversing Sub	5.00	12.00"
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters	6.25	97.00'
Handling Sub & Choke		
Dual CIP Valve	5.00	58.48"
Dual CIP Sampler		
Hydrospring Tester	5.00	60.21"
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5.00"	49.63"
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5.00"	60.00"
VR Safety Joint	5.00"	33.40"
Equalizing Crossover	5.00"	12.00"
Packer Assembly	7.75	69.73"
DEPTH		
Distributor		
Packer Assembly	7.75	69.73"
DEPTH		4765
Flush Joint Anchor & Equalizing Tube	5.00	13.00'
Crossover Adapter	5.00	12.00"
Blanked-Off BT Case	5.00	49.63"
DEPTH		
HT-500 Temp. Recorder		
Drill Collars & Adapters	3.50"	160.0'
Flush Joint Anchor & Equalizing Tube		
Packer Assembly	7.75	69.73"
DEPTH		4945
Distributor		
Packer Assembly	7.75	69.73"
DEPTH		
Equalizing Seal		
perfs.	5.00	28.00'
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters		159.0'
Temp. Rec.	5.00	18.19"
Blanked-Off BT Case	5.00	48.71"
DEPTH		5149

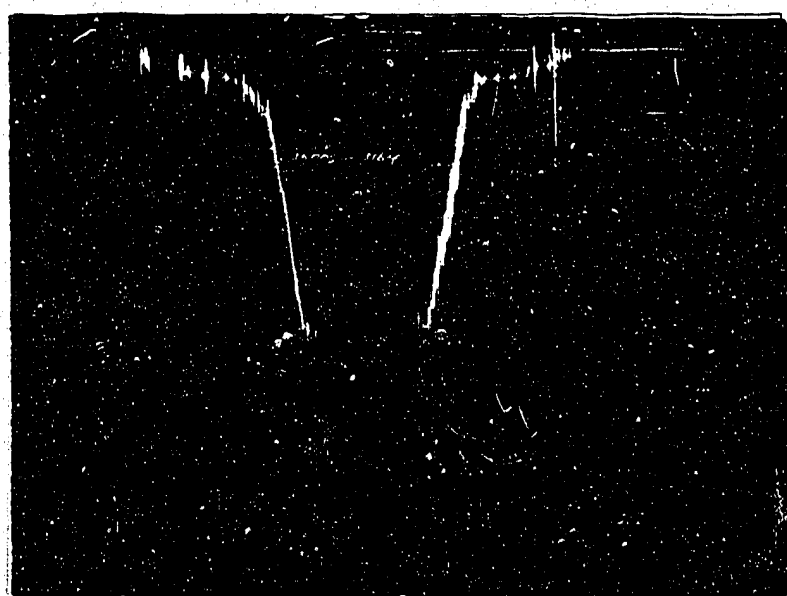
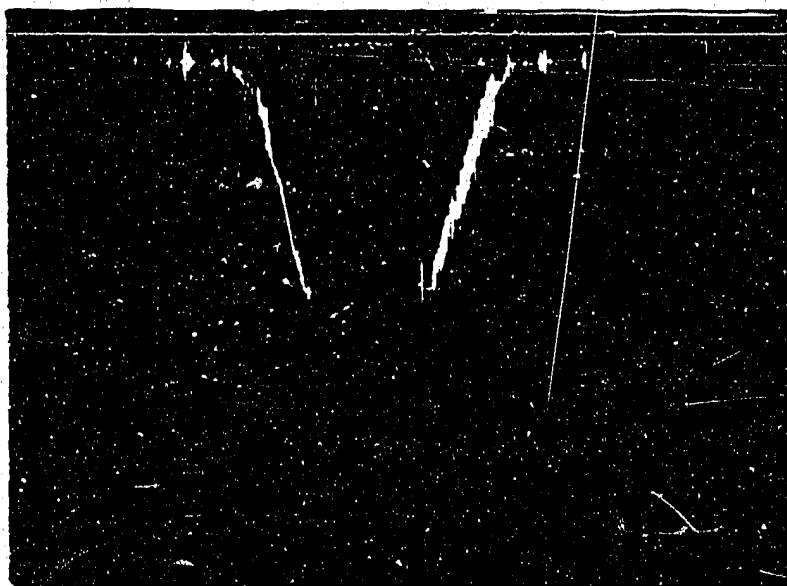
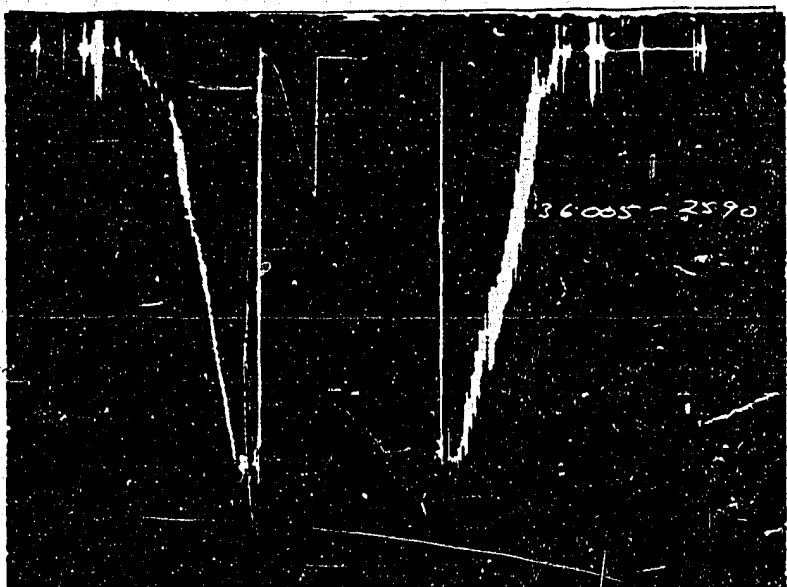
EQUIPMENT DATA

	OD	LENGTH
Reversing Sub		
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters		
Handling Sub & Choke		
Dual CIP Valve		
Dual CIP Sampler		
Hydrospring Tester		
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case		
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar		
VR Safety Joint		
Equalizing Crossover		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Flush Joint Anchor & Equalizing Tube		
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder		
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe		
Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters		
Flush Joint Anchor		
Blanked-Off BT Case		
DEPTH		

↓ PRESSURE

→ TIME

Each horizontal line
equal to 1000 psi



TEMPERATURE RECORD

Each horizontal line
equal to 1°F
Temperature
Culinary
Ticket No.
Temperature

70 °F to

A to B - 1st Flow

B to C - 2nd Flow

C to D - Final CIP

A _____ °F

B _____ °F

C MAX °F

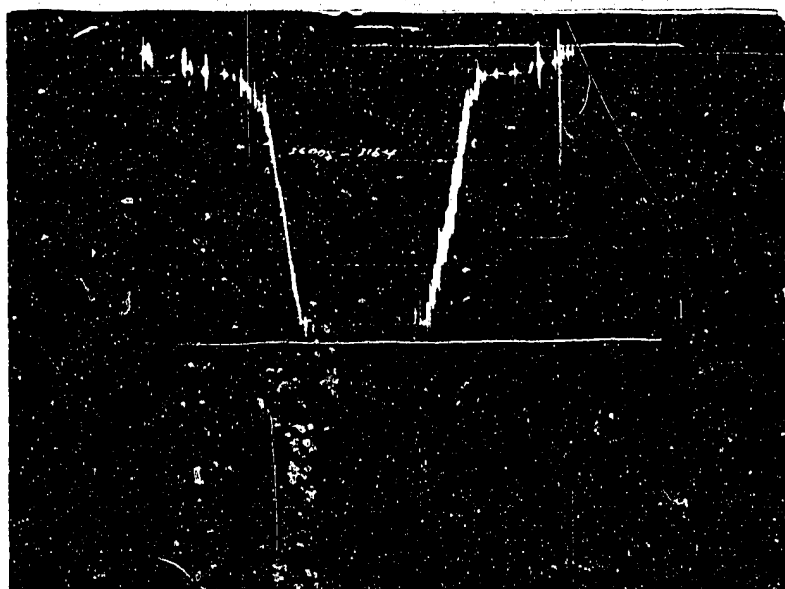
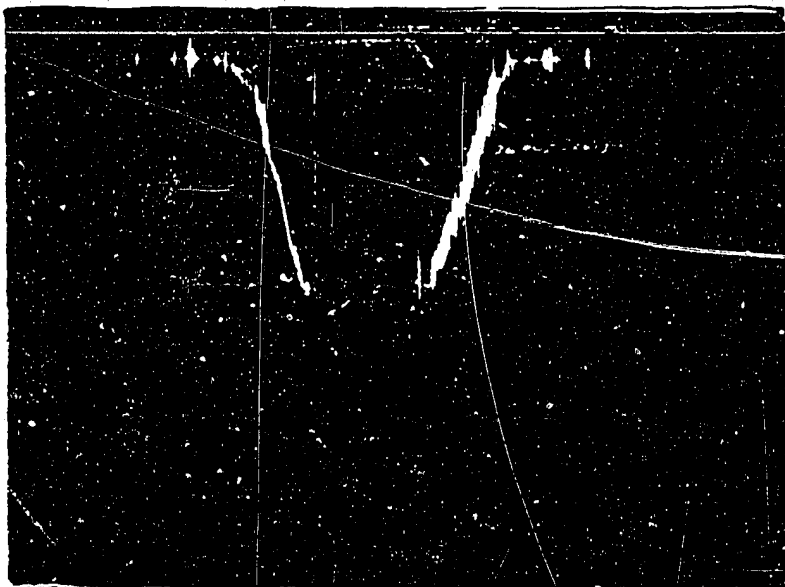
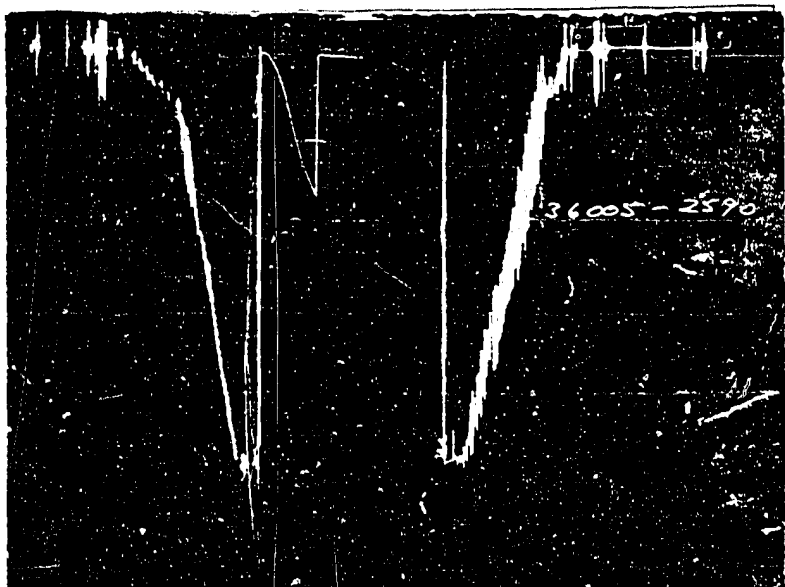
D 106 °F



↓ PRESSURE

→ TIME

Each horizontal line
equal to 1000 psi



TEMPERATURE RECORD

For
to
to
to
to

70

A to B

B to C - 2nd

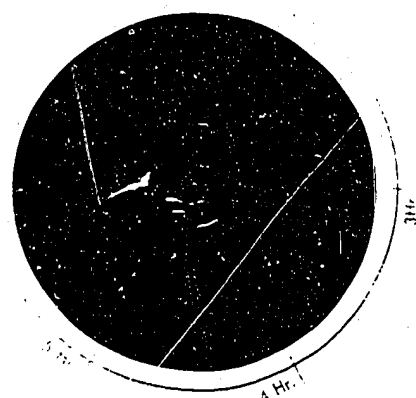
C to D - Final

A

B

C

D



MIAMI AMOCO SWEDE 0-22

CASING SUMMARY

Ran 27 joints of 10-3/4", 32.75#, H-40, ST&C,
Range 1, surface casing. Landed at 546.50' K.B.
Cemented with 560 sacks of normal cement plus
3% CaCl_2 . Plug down at 5:00 p.m., March 7, 1974
with good cement returns.

MIAMI AMOCO SWEDE 0-22

BIT RECORD

<u>Bit No.</u>	<u>Depth</u>		<u>Size</u>	<u>Make and Type</u>	<u>Footage</u>	<u>Hours Run</u>
	<u>From</u>	<u>To</u>				
1A	0	561	15"	Smith DSJ	561	18½
1	561	1828	8-3/4"	Smith SDT	1267	35½
2	1828	2318	8-3/4"	Smith SDGH	490	29½
3	2318	3078	8-3/4"	Hughes Western X1G	759	31½
4	3078	3869	8-3/4"	Hughes Western X1G	791	25-3/4
5	3869	5090	8-3/4"	Hughes Western J3	1221	98½
6	5090	5149	8-3/4"	Security S86	59	10

MIAMI AMOCO SWEDE O-22

MUD REPORT

<u>TYPE</u>	<u>UNIT</u>	<u>AMOUNT</u>
Acegel	100#	575 sacks
Bicarbonate of Soda	100#	3 sacks
Caustic Soda	50#	42 sacks
Soda Ash	100#	50 sacks
Ace Tan	50#	40 sacks
Lime	50#	10 sacks
Sawdust	50#	584 sacks
CMC LoVis	50#	18 sacks
Ace Ben	50#	23 sacks
Barium Carbonate	100#	20 sacks
Ace Bar Sparton	100#	160 sacks
Calcium Chloride	50#	1 sack
Kwik Seal	50#	59 sacks
Petro Lig	50#	19 sacks

MIAMI AMOCO SWEDE O-22

DEVIATION SURVEYS

<u>Depth Feet</u>	<u>Deviation Degrees</u>	<u>Change Degrees</u>	<u>Interval Feet</u>	<u>Hole Size Inches</u>
75	1	-	55	15
130	3/4	1/4	55	15
218	3/4	-	88	15
305	7/8	1/8	81	15
395	1/2	3/8	90	15
476	1/2	-	81	15
560	1/2	-	84	15
1063	1	1/2	503	8-3/4
1560	1	-	497	8-3/4
1900	2	1	340	8-3/4
2144	2	-	244	8-3/4
2319	2-1/8	1/8	175	8-3/4
2630	1-1/4	7/8	311	8-3/4
2826	1-1/4	-	196	8-3/4
3040	1-7/8	5/8	214	8-3/4
3268	1-1/2	3/8	228	8-3/4
3487	1-3/4	1/4	219	8-3/4
3862	2	1/4	375	8-3/4
4019	1-3/4	1/4	157	8-3/4
4230	3	1-1/4	211	8-3/4
4520	4-1/8	1-1/8	290	8-3/4
4807	4	1/8	287	8-3/4
5090	3-1/4	3/4	283	8-3/4

MIAMI AMOCO SWEDE 0-22

ABANDONMENT RECORD

Plug #1: 5149' - 4753' Cemented with 200 sacks of
construction cement. No feel.

Plug #2: 596' - 496' Cemented with 75 sacks of
construction cement plus 2% CaCl_2 . Felt
at 480 feet.

Cut off casing below ground level and welded on plate.

MIAMI AMOCO SWEDE O-22

LOST CIRCULATION ZONES

Lost circulation was encountered from 1900 feet
to 2080 feet. Circulation was regained by raising
the viscosity to 40 - 45 and slugging with sawdust.

MIAMI AMOCO SWEDE O-22

WELL HISTORY REPORT

SECTION V - LOGS

MIAMI AMOCO SWEDE 0-22

LOGS

<u>Date Run</u>	<u>Interval</u>	<u>Type of Log</u>
March 25, 1974	546' - 5125'	Dual Induction- Laterolog
March 25, 1974	548' - 5131'	Borehole Compensated Sonic Log
March 25, 1974	4200' - 5130'	Compensated Neutron- Formation Density Log
	1600' - 5149'	Sample Description log.

NOTE: Final Prints of each of the above logs are enclosed in the pocket at the end of this report.

ANALYSES: No analyses were run.

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 19

LOCATION MIAMI ANOCO SWEDIE

BlueK 110

LSD SEC. TWP. RGE. W.

DATE MARCH 28

1974

HN 79NW STEEN RIVER

MAILING POINT STEEN RIVER

SHIPPING POINT STEEN RIVER

MILES
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		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.		START STOP INTVL.																																		
																																LAY DOWN BOFS			12:00																																			
																																SIC CILHAR.																																						
																																CUT OFF CASING & WELL																																						
																																ON CAP																																						
																																TEAR OUT RIG			4:00			8:00			4			4																										
																																Rig Released 5:00 A.M.																																						
																																March 28, 1974																																						
																																Fires																																						
																																M. Lewis																																						
																																Tear out rig			8:00																																			
																																load out mud tank																																						
																																Dress down to lay down same																																						
																																coil up lines																																						
																																Drain boilers			4:00			8																																
																																LOADS OUT ONE LOAD DRILL																																						
																																P.I.P. ONE LOAD DRILL COLLARS																																						
																																KELLYS PIPE RACKS																																						
																																Fires																																						
																																H. Buckle																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						
																																Fires																																						

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELLRIG NO 19 LOCATION Miami Amoco SWED L.S.D. Block 110 SEC. W. TWP. W. RGE. W. DATE MARCH 27 19 74
MAILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM SPUD 20

TOUR	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.	Fl. up on Kelly	REMARKS	TIME		
																		START	STOP	INTVL.
8 AM TO 12 PM	5149																BREAK DOWN DST #1 & wash same & load out	12 ⁰⁰		
																	Run in Drill Collars & lay down same	2 ⁰⁰	2	
																	Run in Hole w/ Drill Pipe	5 ⁰⁰	3	
																	Open End & Pick up Joints of Drill Pipe	8 ⁰⁰	3	
8 AM TO 4 PM																				
4 PM TO MIDNIGHT																				

CONSERVATION BOARD COPY

14795

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. 19

LOCATION Miami Amoco Swede

SEC.

TWP.

RGE.

W.

DATE Mar. 26

1974

4N 79W STEEN RIVER

MAILING POINT STEEN RIVER

SHIPPING POINT STEEN RIVER

MILES MOVED 25

ROAD CONDITIONS Rough

DAYS FROM SPUD 19

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			
5149				84m	48			3	2 3/8		568.75		24.6		8			
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.	
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					No. 1	PRES. SURE				No. 2	PRES. SURE				1 88	250		
VISCOSITY					MODEL	S.P.M.				MODEL	S.P.M.				2 98	250		
GEL						LINE SIZE					LINE SIZE				3 1370	1000		
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees				4 1400		250		
ADDITIVES:	GENERAL:															5 126		250
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					
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			
5149				84m	48	1		3	2 3/8		568.75							
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.	
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					No. 1	PRES. SURE				No. 2	PRES. SURE				1 96	250		
VISCOSITY					MODEL	S.P.M.				MODEL	S.P.M.				2 96	250		
GEL						LINE SIZE					LINE SIZE				3 1378	1000		
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees				4 1408		250		
ADDITIVES:	GENERAL:															5 134		250
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					
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			
5149				84m	48	1		3	2 3/8		568.75							
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.	
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	PRES. SURE				No. 2	PRES. SURE				1 104	250		
VISCOSITY					MODEL	S.P.M.				MODEL	S.P.M.				2 104	250		
GEL						LINE SIZE					LINE SIZE				3 1396	1000		
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees				4 1416		250		
ADDITIVES:	GENERAL:															5 142		250
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					

REMARKS	START	STOP	INTVL.
Logging	12:00	8:00	8
Logging	8:00	9:00	1
lay down logging equip.	9:00	10:00	1
wait on tester	10:00	11:00	1
Make up test tool & run in	11:00		
D/collars		3:00	4
Trip in to test	3:00	4:00	1
Finish trip in.	4:00	5:00	1
Test tool open	5:00	5:15	1/4
tool shut in	5:15	6:15	1
Test tool open	6:15	7:15	1
Tool shut in.	7:15	8:30	1 1/2
BREAK DOWN TESTING HEAD	8:30	9:00	1/2
Hosit DST #1	9:00	11:30	2 1/2
BREAK DST Down	11:30	12:00	1/2

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown-a-matic Chk'd.	Fuel on Hand 12.01 a.m.	1516 gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
Hydril.					Rig Savers Chk'd.	Fuel Rec'd Today (add)		TO	KB. USED	SAX	CEM		
Pipe Rams.					Kelly Cock Chk'd.	TOTAL		PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD:	TOTAL COMPANY TIME
Blind Rams.						Fuel on Hand 11.59 p.m. (deduct)	1463 gals.	CEMENT RETURNS - (YES/NO)					TOTAL CONTRACTOR'S TIME
TOTCO RING ON BIT #					Boiler Operated: 24 Hrs.	FIRE EQUIP. Chk'd.							
Approved by Operator's Representative: <i>John H. H. H.</i> Approved by Toolpusher: <i>John H. H. H.</i>													

CONSERVATION BOARD COPY

14794

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. 19

LOCATION

Miami Amoco Swede

LSD.

SEC.

TWP.

RGE.

W.

DATE

Mar 25

1974

4N79NW Stearn River

MAILING POINT

Stearn River

SHIPPING POINT

Stearn River

MILES MOVED

25

ROAD CONDITIONS

Rough

DAYS FROM SPUD

18

TOUR MIDNIGHT TO 8 AM

TOUR 8 AM TO 4 PM

TOUR 4 PM TO MIDNIGHT

TOUR 4 PM TO MIDNIGHT

TOUR 4 PM TO MIDNIGHT

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
5149				84m	48			3	6 3/4	2 3/8	569.73				8

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.
6	8 3/4	SE	2-1/4	914061			59	10							8	8	0

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					No. 1					No. 2					64	250
VISCOSITY					MODEL					MODEL					64	250
GEL					LINE SIZE					LINE SIZE					1346	1000

W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Temp.	Bbls.

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

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
5149				84m	4			3	6 3/4	2 3/8	568.73		2465		8

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.
6	8 3/4	SE	2-1/4	914061	Circ		59	10									

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					No. 1					No. 2					72	250
VISCOSITY					MODEL					MODEL					72	250
GEL					LINE SIZE					LINE SIZE					1354	1000

W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Temp.	Bbls.

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

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
5149				84m	78			3	6 3/4	2 3/8	568.73		2465		8

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.
6	8 3/4	SE	2-1/4	914061			59	10									

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					No. 2					80	250
VISCOSITY					MODEL					MODEL					80	250
GEL					LINE SIZE					LINE SIZE					1362	1000

W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Temp.	Bbls.

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	Crown-a-matic Chk'd.	Fuel on Hand 12.01 a.m.	2100	gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
Hydrit														
Pipe Rams.														
Blind Rams.														

TOTCO RING ON BIT	Boiler Operated: 24	Hrs.	Fire Equip. Chk'd.	Fuel on Hand 11.59 p.m. (deduct)	1516	gals.	FUEL USED	684	gals.	CEMENT RETURNS - (YES/NO)	EQUIPMENT CHANGES	TOTAL COMPANY TIME	HRS.	TOTAL CONTRACTOR'S TIME	HRS.

REMARKS

Blow Kelly & Hoist Bit #6

CHECK BEHIND RAMS &

WAIT ON ORDERS

8:00 43/4

FINISHED w/ SAMPLE ROY

MIDNIGHT MARCH 24/74

DRILLER'S SIGNATURE

Run in with bit #6 to

cond. mud

10:00 2

Thaw Kelly hose & clean 30' bit

Circ. & cond. mud Unit

ON LOGS TRUCK

11:00 4:00 5

DRILLER'S SIGNATURE

Circ. & cond. mud WAIT ON LOG

Blow Kelly Hoist to log

Rig up to log

Log w/ sch

4:00 6:50 2 1/2

6:30 9:30 3

9:30 10:00 1/2

10:00 12:00 2

DRILLER'S SIGNATURE

Log w/ sch

10:00 12:00 2

DRILLER'S SIGNATURE

Log w/ sch

10:00 12:00 2

DRILLER'S SIGNATURE

Log w/ sch

10:00 12:00 2

DRILLER'S SIGNATURE

Log w/ sch

10:00 12:00 2

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL 4 N 7

RIG NO. 19 LOCATION Miami, Arroyo Grande LSD. SEC. TWP. RGE. W. DATE MARCH 24 19 74
MAILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 25 ROAD CONDITIONS ROUGH DAYS FROM SPUD 17

From	Footage	To	Mrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub.	C.B.-Ft	Ft. up on Kelly
5025	65	5090	5	84m.	47			3	22	23	596.53		29.65		Down

REMARKS	TIME		
	START	STOP	INTVL
03" 11"	00	00	

[illegible]

DRLG. 8 1/4 Hole	12 =	5 =	5
Drop Survey @ 5090	5 ⁰⁰	5 ¹⁵	4
Blow Kelly + Host B.T #5 5 Lm	5 ¹⁵	8 ⁰⁰	2 1/2

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	
W/FIGHT	9.4	9.4	9.5		No. 1	PRES. 1200	1200	1200		No. 2	PRES. 1200				1	40	250
VISCOSITY	43	57	52		MODEL	S.P.M. 65	65	65		MODEL	S.P.M. 65				2	40	250
GEL					A-500	LINER SIZE					LINER SIZE				3	1222	1000

BOARD TALLY	5091.55			
PIPE STRAP	5088.59			

T O B	W.L.	10.0	F.C.	$\frac{3}{2}$	pH	9.0	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS					
											Air Feet	Degrees			
	ADDITIVES:	$B_{-}C_{-}I - 1000^{\#}$					GENERAL:	$100\% - 44 \quad 3:00 AM 68$					1352	250	
		Dakalite 100 [#]						Soda ash 700 [#]					5	90	250
		Constar 150 [#]						Limestone carb 200 [#]					Weather	Water	
								$\frac{1}{2}$ stream water					Temp.	Bbls.	

DIFF	2.96			
NO CORR.				

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	Fe. Left on Spool			
	From 5090	Footage 15	To 5105	Mrs. on Bottom 2	Wt. Drill Pipe (1000 lbs.) 84	Stands 47	Singles 2	DRILL COLLARS	No. 14	O.D. 6 3/4	I.D. 2 1/2	Length 568.73	Air Wt. 2465	Sub. Wt. 21	C.B. Ft.

FIRES	M. J. Lewis			
	DRILLER'S SIGNATURE			
Finish hoisting bit = 5		8:00	9:00	1

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.	S.	G.
6	8 3/4	5862	4-14	914061	10-30	54	15	2			1	1200	65		110		

Run in collars & lay one	900		
cracked one down		1000	1
Big service ✓ B.O.P.s & A/E	1000	1030	1/2

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			95	No. 1 PRES-SURE					1204	No. 2 PRES-SURE					48	250
VISCOSITY		A-3	73	MODEL S.P.M.					63	MODEL S.P.M.					48	250
GEL				K-10 LINER	EHV 15					LINER					1030	250

Slip 15' offline Dump & clean	10:30		
Shaker tk. replace S/S screen		11:30	1
0	+1	+1	+1
	11:30	1:30	

W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS		3	1350	1000
						At Feet	Degrees	4	1360	250
ADDITIVES: Soda Ash 200 LBS								5090	3 1/4"	250
Bentonite 100 LBS										
									Weather	Water
									Temp	

Run in with bit	6	11:50	11:50	2
clean 30' to bottom		1:30	2:00	1/2
Drill 8 3/4" hole		2:00	4:00	2

Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip Feet or Cut	Air Miles	Date Slip or Cut	Next Slip	Fl. Left on Spool	Sbls.		
1	1	Weight	1-960	8				15'					41		
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.	Fl. up on Kelly
5125	114	5149	8	8.1	48			14	2 3/4	2 1/2	100		21.1		

FIRES <i>Ni1</i>		<i>Id. Buckler</i>			
Drill $8\frac{3}{4}$ " hole.			4:00	11:00	8

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.	C.
6	8 3/4	SEB	2-14 1-15	919061	30-40	63	59	10			1	1200	65				

[illegible]

P M T O	MUD					PUMP					PUMP					MOTOR HOURS	Next Oil Change		
		4 p.m.	6 p.m.	8 p.m.	10 p.m.		4 p.m.	6 p.m.	8 p.m.	10 p.m.		4 p.m.	6 p.m.	8 p.m.	10 p.m.				
	WEIGHT	9.5	9.5	9.6	9.8	No. 1	PRES. SURE	1200	1200	1200	1200	No. 2	PRES. SURE				1	56	250
	VISCOSITY	41	39	41	39	MODEL 10-20	S.P.W.	65	65	65	65	MODEL	S.P.W.				2	56	250

GEL		R ₁		LINER SIZE 15 X 5 1/2		LINER SIZE		3 13 28		1000	
W.L. 9.2		F.C. 2 1/2		pH. 9.5		DESILTER: Hours Op: /		U. Flow: /		O. Flow: /	
ADDITIVES:						SURVEYS					
						At Feet		Degrees		4 13 68	
GENERAL:						50 90		3 1/4		5 9 4	
										Weather	
										Water	

H T											Temp.		Bbls.	
	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
		1 1/2 in.		1-960	8									
B. O. P.	Tested	Elapsed Time	Pres- sure	Packing & Seal Inspected Date	Crown-o-matic Chk'd.		Fuel on Hand 12.01 a.m.		2861 gals.		CASING REPORT			

FIRES		DRILLER'S SIGNATURE		TRANSFER #

Hydril	✓				Ria Savers		Fuel Rec'd Today (add)		gals.			RAN
Pipe Rams.	✓				Chk'd.							
Blind Rams.	✓				Kelly Cack		TOTAL		gals.	TO	KB. USED	SA
TOTCO RING ON BIT # 1					Boiler		Fuel on Hand 11.59 p.m. (deduct)	2100	gals.	PLUS	%	PLUG DOWN
					Operated:	34						
					Hrs							
					Fire Equip.		FUEL USED					

JTS	CSG	RENTAL EQUIPMENT ON HAND			
X	CEM				
A.M. P.M.		DAYS FROM SPUD:	<table border="1"> <tr> <td>TOTAL COMPANY</td> <td>TOTAL CONTRACTOR'S</td> </tr> </table>	TOTAL COMPANY	TOTAL CONTRACTOR'S
TOTAL COMPANY	TOTAL CONTRACTOR'S				

[illegible]

EQUIPMENT CHANGES	TIME	HRS.	TIME	HRS.
	Approved by Operator's Representative <i>Lukey J. Hildebrand</i>			
	Approved by <i>[Signature]</i>			

CONSERVATION BOARD COPY

14792

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO

19

LOCATION

Miami Amos Swede

LSD

Block 110

SEC

TWP

RGE

W

DATE

March 23

1974

4N 79 NW STEEN RIVER

MAILING POINT STEEN RIVER

SHIPPING POINT

STEEN RIVER

MILES MOVED

25

ROAD CONDITIONS

Rough

DAYS FROM SPUD

17

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.	Fr. up on Kelly																																				
4735	105	4840	7 1/2	92 m.	44	2		15	6 3/4	2 3/4	596.53	24.65																																							
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.																																				
5	8 3/4	T33	3-14	63938	28 m.	72	971	79			1	1200	65		IN																																				
MUD																																																			
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				9.4				9.4				9.4				9.4				No. 1				PRES. SURE				1200				1200				1200				No. 2				PRES. SURE				1200			
VISCOSITY				43				44				43				43				MODEL				S.P.M.				65				65				65				MODEL				S.P.M.				65			
GEL																				K-500				LINER SIZE				6 3/4				6 3/4				6 3/4				LINER SIZE											
W.L. 8.6 F.C. 2 3/2 pH. 7.5 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees 4 1328 250 5 56 250																																																			
ADDITIVES: C. M. C. 50 Small STEAM WATER GENERAL: 4807 4° 5 56 250																																																			
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.	Fr. up on Kelly																																				
4840	90	4930	7	82 m.	45	1		15	6 3/4	2 3/4	596.53	24.65																																							
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.																																				
5	8 3/4	T33	3-14	63938	28 m.	72	1061	86			1	1200	65		IN																																				
MUD																																																			
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				9.4				9.4				9.4				9.4				No. 1				PRES. SURE				1200				1200				1200				No. 2				PRES. SURE				1200			
VISCOSITY				43				43				44				41				MODEL				S.P.M.				65				65				65				MODEL				S.P.M.				65			
GEL																				K-500				LINER SIZE				6 3/4				6 3/4				6 3/4				LINER SIZE											
W.L. 7.2 F.C. 2 3/2 pH. 8.2 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees 4 1336 250 5 64 250																																																			
ADDITIVES: 200 LBS 200 LBS 200 LBS GENERAL: 9 AM VIS 54 1 PM VIS 41 11 AM VIS 44 3 PM VIS 40 100 LBS 100 LBS 100 LBS																																																			
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.	Fr. up on Kelly																																				
4930	95	5025	7 1/2	92 m.	46	1		15	6 3/4	2 3/4	596.53	24.65																																							
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.																																				
5	8 3/4	T33	3-14	63938	30	72	1156	93			1	1200	65		IN																																				
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.				MOTOR HOURS				Next Oil Change											
WEIGHT				9.5				9.5				9.5				9.5				No. 1				PRES. SURE				1200				1200				1200				No. 2				PRES. SURE				1200			
VISCOSITY				47				46				49				47				MODEL				S.P.M.				65				65				65				MODEL				S.P.M.				65			
GEL																				K-500				LINER SIZE				6 3/4				6 3/4				6 3/4				LINER SIZE											
W.L. 11.6 F.C. 2 3/2 pH. 8 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees 4 1344 250 5 72 250																																																			
ADDITIVES: SODA ASH 200# GENERAL: 700 PM - 47 CHANGE GRAND PACKING PARVUM CARBONATE 200# 11 STREAM IN PUMP FLYWHEEL SIDE 6 AUSTIC SODA 50# CMC 50#																																																			
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.	Fr. up on Kelly																																				
5025	95	5120	7 1/2	92 m.	47	1		15	6 3/4	2 3/4	596.53	24.65																																							
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.																																				
5	8 3/4	T33	3-14	63938	30	72	1156	93			1	1200	65		IN																																				
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.				MOTOR HOURS				Next Oil Change											
WEIGHT				9.5				9.5				9.5				9.5				No. 1				PRES. SURE				1200				1200				1200				No. 2				PRES. SURE				1200			
VISCOSITY				47				46				49				47				MODEL				S.P.M.				65				65				65				MODEL				S.P.M.				65			
GEL																				K-500				LINER SIZE				6 3/4				6 3/4				6 3/4				LINER SIZE											
W.L. 11.6 F.C. 2 3/2 pH. 8 DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees 4 1344 250 5 72 250																																																			
ADDITIVES: SODA ASH 200# GENERAL: 700 PM - 47 CHANGE GRAND PACKING PARVUM CARBONATE 200# 11 STREAM IN PUMP FLYWHEEL SIDE 6 AUSTIC SODA 50# CMC 50#																																																			
Drilling Line Record																																																			

REMARKS			TIME		
START	STOP	INTVL	START	STOP	INTVL
12:00	4:45	4 1/2			
4:45	5:15	1/2			
5:15	8:15	2 3/4			
DRILL 8 3/4" Hole					
SURVEY @ 4807					
DRILL 8 3/4" Hole					
Rig service + B.O.P.s + R/S					
8:00	8:30	1/2			
8:30	9:00	1/2			
9:00	4:00	7			
Work to pump					
Drill 8 3/4" hole					
FIRE VI 1					
4:00	9:30	5 1/2			
9:30	10:00	1/2			
10:00	12:00	2			
Drill 8 3/4" hole					
Work on K-500 Pump					
Drill 8 3/4" Hole					
FIRE					

CONSERVATION BOARD COPY

14791

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 19

LOCATION Miami Amoco Sweda

Block 110

LSD. SEC. TWP. RGE. W.

DATE March 22

1974

4 N 79 NW STEEN RIVER

MAILING POINT RIVER STEEN SHIPPING POINT STEEN RIVER

MILES MOVED 25

ROAD CONDITIONS Rough

DAYS FROM SPUD 16

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
4520	49	4569	7	80 m.	41	2		13	2 7/8	6 3/4	576.53		24.65		
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.
5	8 3/4	J33	3-14	63938	15-25	72	700	563			1	1000	60		IN
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
WEIGHT	9.4	9.4	9.4	9.4	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	45	43	46	MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	5 1/2	8	15		LINER SIZE					3
W.L.	9	F.C.	122	pH.	9.5	DESILTER, Hours Op:	1	U. Flow:	1	O. Flow:	1	SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4520	45		5
												4554	41		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	Ft. Left on Spool		
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
4569	66	4635	7 1/4	80 m.	42	1		13	2 7/8	6 3/4	596.53		24.65		14
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.
5	8 3/4	J33	3-14	63938	25-30	72	766	64			1	1200	65		IN
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
WEIGHT	9.4	9.4	9.4	9.4	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	46	47	60	MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	5 1/2	8	15		LINER SIZE					3
W.L.	7.2	F.C.	2/32	pH.	9.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4615	34		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	Ft. Left on Spool		
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
4635	100	4735	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
4735	100	4835	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
4835	100	4935	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
4935	100	5035	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
5035	100	5135	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
5135	100	5235	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		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	Ft. Left on Spool		
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
5235	100	5335	7 1/2	80 m.	43	1		13	2 7/8	6 3/4	596.53		24.65		
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.
5	8 3/4	J33	3-14	63938	35-30	72	866	71 1/2			1	1200	65		IN
MUD	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.	PUMP	6 p.m.	8 p.m.	10 p.m.
WEIGHT	9.4	9.5	9.5	9.5	No. 1	1200	1200	1200	1200	No. 2	1200	1200	1200	1200	1
VISCOSITY	44	49	40		MODEL	65	65	65	65	MODEL	65	65	65	65	2
GEL					LINER SIZE	15	15	15		LINER SIZE					3
W.L.	9.2	F.C.	2/32	pH.	8.5	DESILTER, Hours Op:		U. Flow:		O. Flow:		SURVEYS	At Feet	Degrees	4
ADDITIVES	1000				GENERAL							4710	4		

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 18

LOCATION *Miami, Hoocho & Wende*

LSD

SEC

TWR

RCF

100

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

m

56

71

7

DIRECTIONS TO
WELL

4N 79 NW Steep River

MAILING POINT Steel River

SHIPPING POINT *STEVEN RIVER*

MILES 7.5

ROAD 21

DAYS-FROM

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.		Fr. up on Kelly		REMARKS			TIME			
4367		38		4405		7 3/4		80m.		40						13		2 3/4		2 3/4		596.53		24.65						Rig Serv. & V BOPs			START STOP INTVL					
No.		Size		Type		Jets/W.C.		Serial No.		Wgt.		R.P.M.		Drilled or Corred		Hrs.		Reamed		Hrs.		Pump No.		Pump Pressure		S.P.M.		Table Torque		T.		B.		G.		12:00 12:15 1/4		
5		8 3/4		J33		3-14		63938		6-9m.		72		536		354						1		1200		60								12:15 8:00 7 3/4				
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		34		35		36				No. 1		PRES. SURE		900		900		900		No. 2		PRES. SURE		1570		250												
VISCOSITY		93		92		91+				MODEL		S.P.M.		60		60		60		MODEL		S.P.M.		2570		250												
GEL										LINER SIZE				60		60		60		LINER SIZE				31250		1000												
W.L.		Q 6		F.C.		H 12		pH.		9.5		DESILTER: Hours Op:		15:00		U. Flow:		10.8		O. Flow:		9.1		SURVEYS		At Feet		Degrees										
ADDITIVES:		Gel 800#								GENERAL:		Rum small stream		4395		4 1/2								5		8		250										
H.C.P.		TAN 100#								BENEX 4"		100#												Weather		Water												
Drilling Line Record		Size		Make		Serial No.		No. Lines		Trips		Tan Miles		Total Miles		Slip		Feet or Cut		At Miles		Date Slip or Cut		Next Slip		Fr. Left on Spool												
4405		50		4455		7 1/2		76m.		40		1						13		2 3/4		2 3/4		596.53		24.65		5										
No.		Size		Type		Jets/W.C.		Serial No.		Wgt.		R.P.M.		Drilled or Corred		Hrs.		Reamed		Hrs.		Pump No.		Pump Pressure		S.P.M.		Table Torque		T.		B.		G.				
5		8 3/4		J33		3-14		63938		8-15		72		586		424						1		1200		65												
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		9.3		9.3		9.3		9.3		No. 1		PRES. SURE		900		900		900		No. 2		PRES. SURE		578		250												
VISCOSITY		24		36		37		H1		MODEL		S.P.M.		60		60		60		MODEL		S.P.M.		578		250												
GEL										K500		5 1/2 x 1 1/2								LINER SIZE				31258		1000												
W.L.		8.8		F.C.		H 12		pH.		9.5		DESILTER: Hours Op:		10:00		U. Flow:		10.6		O. Flow:		9.1		SURVEYS		At Feet		Degrees										
ADDITIVES:		Gel 1700#								GENERAL:		9 AM VLS 34		1 PM 40 VLS		4 1/2								5		96		250										
BENEX 100#										ACE TANK 100#		11 AM VLS 37		3 PM 40 VLS		4 1/2								Weather		Water												
BENEX 100#																																						

CONSERVATION BOARD COPY

14789

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELLRIG NO. 19 LOCATION Miami Amoro Swede L.S.D. SEC. TWP. RGE. W. DATE March 20 1974
MAILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM SPUD 14

From		Footage		To		Hrs. on Bottom		Wt. Drill Pipe (1000 lbs.)		Stands		Singles		DRILL COLLARS		No. 1		I.D.		Length		Air Wt.		Sub. Wt.		C.B. Ft.		Fl. up on Kelly		REMARKS			TIME					
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.		START STOP INTVL.		
3994		166		4160		6 1/2		74 mi.		37		1						27 1/2		596.53		24.65		16		DRILL 8 3/4" Hole			12:00 2:00 2									
5		8 3/4		J33		3-14		67938		70		60		291		145				1		920		60				IN						2:00 2:30 1/2				
														291																				2:30 2:45 1/4				
																																		2:45 3:00 1/4				
																																		3:00 8:00 4 1/2				
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		9.3		9.2		9.2		9.3		No. 1		PRES. SURE		9.00		9.00		9.00		9.50		No. 2		PRES. SURE						1 546		250						
VISCOSITY		37		36		35		37		MODEL		S.P.M.		60		60		60		60		MODEL		S.P.M.						2 546		250						
GEL										K-50		LINER SIZE										MODEL		S.P.M.						3 1226		1000						
W.L.		9		F.C.		4 1/2		pH. 9.5		DESILTER: Hours Op: 8		U. Flow: 10.9		O. Flow: 4.2		SURVEYS		At Feet		Degrees		4 1256		250						5 636		250						
ADDITIVES		601-1500								GENERAL: Changed Head on Pump																												
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		Fl. Left on Spool														
4160		117		4277		7 1/4		74		38		2						27 1/2		596.53		24.65		16		RIG SER & V BOPs			8:00 8:15 1/4									
5		8 3/4		J33		3-14		63938		30/20		60/70		408		214				1		1200		65				IN						8:15 1:00 4 3/4				
																																		1:00 1:30 1/2				
																																		1:30 4:00 2 1/2				
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		9.2		9.2		9.3		9.3		No. 1		PRES. SURE		9.50		9.50		9.50		1200		No. 2		PRES. SURE						1 554		250						
VISCOSITY		34		34		37		42		MODEL		S.P.M.		60		60		65		MODEL		S.P.M.								2 554		250						
GEL										K500		LINER SIZE		5 1/2 x 15								MODEL		S.P.M.						3 1234		1000						
W.L.		8.8		F.C.		3/2		pH. 9.5		DESILTER: Hours Op: 9		U. Flow: 11.1		O. Flow: 9.2		SURVEYS		At Feet		Degrees		4 1264		250						5 644		250						
ADDITIVES		8.1 2200								GENERAL: 9am VIS 33 11am VIS 33																												
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		Fl. Left on Spool														
4277		910		4367		5 3/4		76		39		2						27 1/2		596.53		24.65		29		DRILL 8 3/4" HOLE			8:15 1:00 4 3/4									
5		8 3/4		J33		3-14		6		8/20		65/70		498		27 1/2				1		1200		65				IN						1:00 1:30 1/2				
																																		1:30 4:00 2 1/2				
MSUD		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		9.4		9.4		9.4		9.4		No. 1		PRES. SURE		9.00		1200		1200		1200		No. 2		PRES. SURE						1 562		250						
VISCOSITY		36		36		35		35		MODEL		S.P.M.		60		65		65		65		MODEL		S.P.M.						2 562		250						
GEL										K50		LINER SIZE		5 1/2 x 15								MODEL		S.P.M.						3 1242		1000						
W.L.		10		F.C.		3/2		pH. 9.5		DESILTER: Hours Op: 6		U. Flow: 10.2		O. Flow: 9.3		SURVEYS		At Feet		Degrees		4 1272		250						5 652		250						
ADDITIVES		SODA ASH 200								GENERAL: 1/2 gal anti-foam in 200																												
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		Fl. Left on Spool														
4367		910		4367		5 3/4		76		39		2						27 1/2		596.53		24.65		29		DRILL 8 3/4" HOLE			8:30 9:00 1/2									
5		8 3/4		J33		3-14		6		8/20		65/70		498		27 1/2				1		1200		65				IN						9:00 10:15 1 1/4				
																																		10:15 10:45 1/4				
MSUD		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		9.4		9.4		9.4		9.4		No. 1		PRES. SURE		9.00		1200		1200		1200		No. 2		PRES. SURE						1 562		250						
VISCOSITY		36		36		35		35		MODEL		S.P.M.		60		65		65		65		MODEL		S.P.M.						2 562		250						
GEL										K50		LINER SIZE		5 1/2 x 15								MODEL		S.P.M.						3 1242		1000						
W.L.		10		F.C.		3/2		pH. 9.5		DESILTER: Hours Op: 6		U. Flow: 10.2		O. Flow: 9.3		SURVEYS		At Feet		Degrees		4 1272		250						5 652		250						
ADDITIVES		SODA ASH 200								GENERAL: 1/2 gal anti-foam in 200																												
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		Fl. Left on Spool														
4367		910		4367		5 3/4		76		39		2						27 1/2		596.53		24.65		29		DRILL 8 3/4" HOLE			8:30 9:00 1/2									
5		8 3/4		J33		3-14		6		8/20		65/70		498		27 1/2				1		1200		65				IN						9:00 10:15 1 1/4				
																																		10:15 10:45 1/4				
MSUD		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		9.4		9.4		9.4		9.4		No. 1		PRES. SURE		9.00		1200		1200		1200		No. 2		PRES. SURE						1 562		250						
VISCOSITY		36		36		35		35		MODEL		S.P.M.		60		65		65		65		MODEL		S.P.M.						2 562		250						
GEL										K50		LINER SIZE		5 1/2 x 15								MODEL		S.P.M.						3 1242		1000						
W.L.		10		F.C.		3/2		pH. 9.5		DESILTER: Hours Op: 6		U. Flow: 10.2		O. Flow: 9.3		SURVEYS		At Feet		Degrees		4 1272		250						5 652		250						
ADDITIVES		SODA ASH 200								GENERAL: 1/2 gal anti-foam in 200																												
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		Fl. Left on Spool														
4367		910		4367		5 3/4		76		39		2						27 1/2		596.53		24.65		29		DRILL 8 3/4" HOLE			8:30 9:00 1/2									
5		8 3/4		J33		3-14		6		8/20		65/70		498		27 1/2				1		1200		65				IN						9:00 10:15 1 1/4				
																																		10:15 10:45 1/4				
MSUD		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		9.4		9.4		9.4		9.4		No. 1		PRES. SURE		9.00		1200		1200		1200		No. 2		PRES. SURE						1 562		250						
VISCOSITY		36		36		35		35		MODEL		S.P.M.		60		65		65		65		MODEL		S.P.M.						2 562		250						
GEL										K50		LINER SIZE		5 1/2 x 15								MODEL		S.P.M.						3 1242		1000						
W.L.		10		F.C.		3/2		pH. 9.5		DESILTER: Hours Op: 6		U. Flow: 10.2		O. Flow: 9.3		SURVEYS		At Feet		Degrees		4 1272		250						5 652		250						
ADDITIVES		SODA ASH 200								GENERAL: 1/2 gal anti-foam in 200																												
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		Fl. Left on Spool														
4367		910		4367		5 3/4		76		39		2						27 1/2		596.53		24.65		29		DRILL 8 3/4" HOLE			8:30 9:00 1/2									
5		8 3/4		J33		3-14		6		8/20		65/70		498		27 1/2				1		1200		65				IN						9:00 10:15 1 1/4				

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO.

19

LOCATION

Miami Amocu Swede

LSD.

SEC.

TWP.

RGE.

W.

DATE

March 19

1974

MAILING POINT

STEEN RIVER

SHIPPING POINT

STEEN RIVER

MILES MOVED

25

ROAD CONDITIONS

Rough

DAYS FROM SPUD

13

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.	Fl. up on Kelly		
3840	29	3869	1 1/2	70 m	34	1		15	6 3/4	2 7/8	596.53	24.65					
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
4	8 3/4	XIG	3-14	66676	30 m	120	791	253				800	58		5	8	J
5	8 3/4	J33	3-14	62938													
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	9.6				No. 1	PRES-SURE				No. 2	PRES-SURE				1	5.22	250
VISCOSITY	29				MODEL	S.P.M.				MODEL	S.P.M.				2	5.22	250
GEL					LINE SIZE					LINE SIZE					3	1202	1000
W.L.	10.4	F.C.	2/32	pH. 9.0	DESILTER: Hours Op:	U. Flow:	O. Flow:								4	1232	250
ADDITIVES					GENERAL										5	612	250
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	Fl. Left on Spool				
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.	Fl. up on Kelly		
3869	15	3884	1 1/2	70	34	1		15	6 3/4	2 7/8	596.53	24.65					
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
5	8 3/4	J33	3-14	63938	20	50	15	1 1/2				1	950	60	1N		
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					No. 1	PRES-SURE				No. 2	PRES-SURE				1	5.30	250
VISCOSITY					MODEL	S.P.M.				MODEL	S.P.M.				2	5.30	250
GEL					LINE SIZE					LINE SIZE					3	1710	1000
W.L.	15.2	F.C.	2/32	pH. 9.0	DESILTER: Hours Op:	U. Flow:	O. Flow:								4	1240	250
ADDITIVES					GENERAL										5	620	250
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	Fl. Left on Spool				
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.	Fl. up on Kelly		
3884	100	3994	6 1/2	72	35	2		15	6 3/4	2 7/8	596.53	24.65					
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
5	8 3/4	J33	3-14	63938	20-30	60	125	8									
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	9.4	9.4	9.4	9.4	No. 1	PRES-SURE				No. 2	PRES-SURE				1	5.38	250
VISCOSITY	32	32	30	35	MODEL	S.P.M.				MODEL	S.P.M.				2	5.38	250
GEL					LINE SIZE					LINE SIZE					3	1218	1000
W.L.	8.4	F.C.	3/32	pH. 9.5	DESILTER: Hours Op:	U. Flow:	O. Flow:								4	1248	250
ADDITIVES					GENERAL										5	628	250
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	Fl. Left on Spool				

REMARKS	TIME
DRILL 8 3/4" Hole	12:00 12:30 1/4
Rig SERV. & V BOPs	12:30 12:45 1/4
DRILL	12:45 1:15 1
DROPPED SURVEY	1:15 2:00 1/4
Blow Kelly & Hosit Bit #4	2:00 4:30 2 1/2
MAKE Up Bit #5 J33 & Trip IN	4:30 8:00 3 1/2
FIRES	
M. Jervis DRILLER'S SIGNATURE	
RIG SER & V BOPs	8:00 8:15 1/4
BREAK CIRC. LOSING	8:15
VOLUME MIX MUD & SAWDUST TO REGAIN CIRC.	2:00 5:34 1/2
CLEAN 50' TO BOTTOM	2:00 2:30 1/2
DRILL 8 3/4" HOLE	2:30 4:00 1 1/2
FIRES	
C. Diamond DRILLER'S SIGNATURE	
Drill 8 3/4" hole	4:00 5:00 1
Rig service & clean mud tank	5:00 6:00 1
Drill 8 3/4" hole	6:00 8:45 2 3/4
Dump & clean sec. tk.	8:45 9:15 1/2
Drill 8 3/4" hole	9:15 12:00 2 3/4
FIRES	
Ni:1 H. Buchler DRILLER'S SIGNATURE	

B.O.P.	Tested	Elapsed Time	Pres-sure	Packing & Seal Inspected Date	Crown-o-matic Chk'd.	Fuel on Hand 12.01 a.m.	1898 gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
Hydril	✓				Riu Savers Chk'd.	Fuel Rec'd Today (add)							
Pipe Rams	✓				Kelly Cock Chk'd.	TOTAL							
Blind Rams						Fuel on Hand 11.59 p.m. (deduct)	3371 gals.	PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD:	TOTAL COMPANY TIME
TOTCO RING ON BIT		Boiler Operated: 24 Hrs.	Fire Equip. Chk'd.			FUEL USED		CEMENT RETURNS - (YES/NO)		EQUIPMENT CHANGES:			
Approved by Operator's Representative: Luke J. Sundage													
Approved by Toolpusher: C. Shogren													

CONSERVATION BOARD COPY

14787

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO 19

LOCATION Miami, Amoco Swede

LSD

SEC

TWP

RGE

W

DATE

Mar. 18

1974

4N 79 NW STEEN RIVER

MAILING POINT STEEN RIVER

SHIPPING POINT STEEN RIVER

MILES MOVED 25

ROAD CONDITIONS Rough

DAYS FROM SPUD 12

TOUR MIDNIGHT TO 8 AM TOUR 8 AM TO 4 PM TOUR 4 PM TO MIDNIGHT

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		
2236	254	3490	7 1/2	25m.	30			13	6 3/4	2 1/4	596.53		24.65		-		
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.
4	8 3/4	X16	3-14	66676	25m.	120	412	12			1	900	60		10		
MUD																	
12 mn.		2 a.m.		4 a.m.		6 a.m.		PUMP		12 mn.		2 a.m.		4 a.m.		6 a.m.	
WEIGHT		9.5		9.4		9.3		24		No. 1		PRES. 900		900		925	
VISCOSITY		31		30		30		32		MODEL		S.P.M. 60		60		60	
GEL										LINER SIZE							
W.L. 8.6 F.C. 3/32 pH. 9.0 DESILTER: Hours Op: U. Flow: 10.7 O. Flow: 9.2																	
ADDITIVES: Gel 1000# GENERAL: Dump + Clean 15" Settling Tank 3269 15																	
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					

REMARKS			TIME		
START	STOP	INTVL.			
12:00	2:15	2 1/4	DRILL 8 3/4" Hole.		
2:15	2:30	1/4	SURVEY @ 3269.1 1/2"		
2:30	2:42	1/4	Rig SERV. + V BOPs		
2:42	8:00	5 1/2	DRILL.		
FIRE					
M. Gervais. DRILLER'S SIGNATURE					

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		
3490	187	3677	6 1/4	70	32			13	6 3/4	2 1/4	596.53		24.65		-		
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.
4	8 3/4	X16	3-14	66676	25	120	599	18 1/4			1	800	58		10		
MUD																	
8 a.m.		10 a.m.		12 noon		2 p.m.		PUMP		8 a.m.		10 a.m.		12 noon		2 p.m.	
WEIGHT		9.6		9.6		9.6		209		No. 1		PRES. 400		800		800	
VISCOSITY		31		30		30		30		MODEL		S.P.M. 58		58		58	
GEL										LINER SIZE		5 1/2 X 15					
W.L. F.C. pH. DESILTER: Hours Op: U. Flow: 11.1 O. Flow: 9.2																	
ADDITIVES: Dump + Clean GENERAL: 100# Cement																	
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					

REMARKS			TIME		
START	STOP	INTVL.			
8:00	8:15	1/4	RIG SERV + V BOPs		
8:15	8:30	1/4	SURVEY @ 3457		
8:30	9:00	1/2	WORK TO PUMP		
9:00	12:45	3 3/4	DRILL 8 3/4" HOLE		
12:45	1:30	3/4	TRY TO PULL PUMP SEAT		
1:30	4:00	2 1/2	DRILL 8 3/4" HOLE		
FIRE					
C. Durand DRILLER'S SIGNATURE					

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		
3677	163	3840	6	70	34	-		13	6 3/4	2 1/4	596.53		24.65		22		
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.
4	8 3/4	X16	3-14	66676	20-30	120	762	24 1/4			1	800	58				
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.	
WEIGHT		9.6		9.6		9.6		No. 1		PRES. 800		800		800		800	
VISCOSITY		28		28		30		MODEL		S.P.M. 58		58		58		58	
GEL								LINER SIZE		5 1/2 X 15							
W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow:																	
ADDITIVES: 1000 GEL GENERAL: Install new seat back suc.																	
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					

REMARKS			TIME		
START	STOP	INTVL.			
4:00	5:00	1	Drill 8 3/4" hole.		
5:00	5:30	1/2	Rig service + survey		
5:30	7:00	1 1/2	Dump + Clean suc. Tank + SKs Tank		
7:00	12:00	5	Drill 8 3/4" hole		
FIRE					
H. Buckler DRILLER'S SIGNATURE					

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown-a-matic Chk'd.	Fuel on Hand 12.01 a.m.	2576 gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #	
Hydril	✓				Ria Savers Chk'd.	Fuel Rec'd Today (add)		TO	KB. USED	SAX	CEM			
Pipe Rams.	✓				Kelly Cock Chk'd.	TOTAL		PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD: 12	TOTAL COMPANY TIME	
Blind Rams.					Fire Equip. Chk'd.	Fuel on Hand 11.59 p.m. (deduct)	1899 gals.	CEMENT RETURNS - (YES/NO)						
TOTCO RING ON BIT						Boiler Operated: 24 Hrs.		EQUIPMENT CHANGES						Approved by Operator's Representative
														Approved by Toolpusher

CONSERVATION BOARD COPY

14786

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 19

LOCATION Miami Amoco Swede

LSD.

SEC.

TWP.

RGE.

W.

DATE

March 17

1974

4N 79NW STEEN RIVER

MAILING
POINT

STEEN RIVER

SHIPPING
POINT

STEEN RIVER

MILES
MOVED

25

ROAD
CONDITIONS

Rough

DAYS FROM
SPUD

11

TOUR MIDNIGHT TO 8 AM TOUR 8 AM TO 4 PM TOUR 4 PM TO MIDNIGHT

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly
2857	163	3020	7 3/4	68m				15	2 3/8	27 1/2	596.53	24.65		
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
3	8 3/4	X16	3 1/4	66674	30	120	701	27 1/2			1	900	60	
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	9.5	9.5	9.3	9.3	No. 1	PRES. SURE	900	900	900	900	No. 2	PRES. SURE		
VISCOSITY	39	34	32	32	MODEL	S.P.M.	60	60	60	60	MODEL	S.P.M.		
GEL					LINER SIZE						LINER SIZE			
W.L. 10.4 F.C. 2 3/2 pH. 9.5 DESILTER: Hours Op: U. Flow: 10.7 O. Flow: 9.2														
ADDITIVES: 2 M.C. 150 GENERAL: Run 1" stream water. Pump 1" stream water. Dump and clean. Filter and return tank.														
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.
3020	58	3078	3 1/2	65	26			15	2 3/8	27 1/2	596.53	24.65	31	
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
3	8 3/4	X16	3 1/4	66674	30	120	759	31 1/4			1	800	58	
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	9.8	9.8			No. 1	PRES. SURE	800	800	800		No. 2	PRES. SURE		
VISCOSITY	33	34			MODEL	S.P.M.	58	58	58		MODEL	S.P.M.		
GEL					LINER SIZE		5 1/2 X 15				LINER SIZE			
W.L. 2.6 F.C. 2 3/2 pH. 8.5 DESILTER: Hours Op: 3 U. Flow: 11.4 O. Flow: 9.6														
ADDITIVES: 2 M.C. 1500 LBS GENERAL: Pump 1" stream water. Dump 1" stream water. BENDEX 2 LBS														
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.
3078	158	3236	4 1/2	65m	27	1		15	2 3/8	27 1/2	596.53	24.65		
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
4	8 3/4	X16	3-14	66676	24m	120	158	4 1/2			1	900	60	
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	TRVP	9.3	9.3		No. 1	PRES. SURE	900	900			No. 2	PRES. SURE		
VISCOSITY	TRVP	31	31		MODEL	S.P.M.	60	60			MODEL	S.P.M.		
GEL					LINER SIZE		5 1/2 X 15				LINER SIZE			
W.L. 8.4 F.C. 2 3/2 pH. 9.5 DESILTER: Hours Op: U. Flow: O. Flow:														
ADDITIVES: 1 M.C. 1500 LBS GENERAL: DUMP & CLEAN SHAKER TANK														
Drilling Line Record														

REMARKS			TIME		
START	STOP	INTVL.	START	STOP	INTVL.
12 00	3 30	3 1/2			
3 30	3 45	1/4			
3 45	9 00	4 1/2			
DRILL 8 3/4 HOLE					
WORK on Light Plant Rig SERVICE					
DRILL					
FIRE M. J. G. DRILLER'S SIGNATURE					
8.00	9.30	1 1/2			
9.30	9.45	1/4			
9.45	10.00	1/4			
10.00	12.00	2			
12.00	1.30	1 1/2			
1.30	2.00	1/2			
2.00	4.00	2			
DRILL 8 3/4 HOLE					
RIG SER & V BOPS					
SURVEY @ 3040 17 1/2					
DRILL 8 3/4 HOLE					
COND MUD TO TRIP					
SURVEY & BLOW KELLY					
TRIP OUT BIT #3					
FIRE C. D. DRILLER'S SIGNATURE					
4.00	4.30	1/2			
4.30	5.00	1/2			
5.00	7.00	2			
7.00	7.30	1/2			
7.30	12.00	4 1/2			
FINISH OUT ✓ BLIND RAMS					
CLEAN SUCTION TANK					
TRIP IN BIT #4					
CLEAN 20' TO BOTTOM					
DRILL 8 3/4 HOLE					
FIRE M. J. G. DRILLER'S SIGNATURE					

B.O.P.				Casing Report				Rental Equipment on Hand				Transfer #	
Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Fuel on Hand 12.01 a.m.	Fuel Rec'd Today (add)	TOTAL	Fuel on Hand 11.59 p.m. (deduct)	TO	KB. USED	SAX	CEM	DAYS FROM SPUD:	11
Hydril	✓			33 7 1/2 gals.			25 7 1/2 gals.	PLUS	%	PLUG DOWN	A.M. P.M.	TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME
Pipe Rams	✓							CEMENT RETURNS - (YES/NO)		EQUIPMENT CHANGES		Approved by Operator's Representative	Approved by Toolpusher
Blind Rams	✓												
TOTCO RING ON BIT # 3				Boiler Operated: 2 1/4 Hrs.				Fire Equip. Chk'd.					

CONSERVATION BOARD COPY

14785

DAILY DRILLING LOG
DIRECTIONS TO 4N
WELL

Block 110
LSD. SEC. TWP. RGE. W. DATE March 15 1974
RIVER MILES MOVED 35 ROAD CONDITIONS Rough DAYS FROM BRID 10 1/2

DAILY DRILLING LOG
DIRECTIONS TO WELL 4 N 79 NW STEEN RIVER

MAILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER

MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM 10 1/2

TOUR MIDNIGHT TO 8 A.M. TOUR 8 A.M. TO 4 P.M. TOUR 4 P.M. TO MIDNIGHT	2357 93 2450 5 60m 19															DRILL COLLARS 13 3 2 2 596.53 24.65															REMARKS															TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	No. 3 Size 8 3/4 Type X16 Jets/W.C. 1/16 1/16 Serial No. 66674 Wgt. 20m 100 R.P.M. 131 7															No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100															CONV. & SURVEY @ 2357 - 1 3/4"															12 00	12 15	1 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																															CLEAN SHAKER TANK															12 15	2 00	1 3/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																															DRILL 8 3/4" HOLE															2 00	2 00	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																															LOSSING VOLUME - MIXING B-1															7 00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
																															+ SAW DUST																9 00	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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 9.0 9.0															No. 1 350 725 750 No. 2 350 725 750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
VISCOSITY 38 37															MODEL S.P.M. 10 60 60 MODEL S.P.M. 10 60 60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
GEL															K-50 5 1/2 x 1 1/2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W.L. 14.2 F.C. 7/32 pH. 9.5															DESILTER: Hours Op: U. Flow: O. Flow:															SURVEYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
ADDITIVES: GEL - 2500															GENERAL:															2357 1 3/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
2450 250 2700 7 1/4 60 21 2															DRILL COLLARS 13 3 2 2 596.53 24.65																														TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
No. 3 Size 8 3/4 Type X16 Jets/W.C. 1/16 1/16 Serial No. 66674 Wgt. 20m 100 R.P.M. 131 7															No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100															RIG SER & BOYS															8 00	8 15	1 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																														DRILL 8 3/4" HOLE															8 15	1 30	5 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																														SURVEY @ 2630 - 1 1/4"															1 30	2 00	1 1/2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																														DRILL 8 3/4" HOLE															2 00	4 00	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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 9.2 9.1 9.0 9.1															No. 1 800 800 900 900 No. 2 800 800 900 900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
VISCOSITY 35 35 40 42															MODEL S.P.M. 58 58 68 68 MODEL S.P.M. 58 58 68 68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
GEL															K800 5 1/2 x 1 1/2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W.L. 14.6 F.C. 7/32 pH. 9.5															DESILTER: Hours Op: U. Flow: O. Flow:															SURVEYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
ADDITIVES: GEL 1500 LBS															GENERAL: BY PASSING SHAKER															2630 1 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SAND DUST 20 BAGS BEING EXCHG UNABLE TO RECOVER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
WATER 1000 LBS AFTER 50 LBS GOOD SAMPLES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1 WRIGHT 8																																													TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
2700 157 2857 5 3/4 62m. 23 2															DRILL COLLARS 13 3 2 2 596.53 24.65																														TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
No. 3 Size 8 3/4 Type X16 Jets/W.C. 1/16 1/16 Serial No. 66674 Wgt. 25m 120 R.P.M. 538 20															No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100															RIG SERVICE															4 00	4 15	1 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																														THAW STEAM LINES &															4 15	5 15	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																														HOOK UP HEATERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
																														DRILL 8 3/4" HOLE															5 15	11 00	5 3/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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 9.3 9.5															No. 1 800 800 900 900 No. 2 800 800 900 900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
VISCOSITY 43 45															MODEL S.P.M. 58 58 60 60 MODEL S.P.M. 58 58 60 60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
GEL															K50 5 1/2 x 1 1/2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W.L. 1 F.C. pH.															DESILTER: Hours Op: U. Flow: O. Flow:															SURVEYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
ADDITIVES:															GENERAL:															2826 1 1/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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															Crown-o-matic Chk'd.															Fuel on Hand 12.01 a.m. 3911 gals.															CASING REPORT															TRANSFER #																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Hydril															Rig Savers Chk'd.															Fuel Rec'd Today (add)															RAN															JTS CSG															RENTAL EQUIPMENT ON HAND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Pipe Rams.															Kelly Cock Chk'd.															TOTAL															TO															KB. USED															SAX CEM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Blind Rams.															Fire Equip. Chk'd.															Fuel on Hand 11.59 p.m. (deduct) 3371 gals.															PLUS															%															PLUG DOWN															A.M. P.M.															DAYS FROM SPUD: 10 1/2															TOTAL COMPANY TIME															TOTAL CONTRACTOR'S TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
TOTCO RING ON BIT = 1															Boiler Operated: 24 Hrs.															FUEL USED															CEMENT RETURNS - (YES/NO)															EQUIPMENT CHANGES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

CONSERVATION BOARD COPY

14784

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. 19

LOCATION MIAMI AMOCO SWEDE

LSD.

SEC.

TWP.

RGE.

W.

DATE

MARCH 15

1979

4 N. 79 NW Steen River

MAILING POINT Steen River

SHIPPING POINT Same

MILES MOVED 25

ROAD CONDITIONS Rough

DAYS FROM SPUD 9 1/4

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	
2184	106	2290	7 3/4	58	18	1	15	3	6 1/4	2 7/8	514.83			50.85	24.07	
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.	
2	8 3/4	SDPH	Open	PW075	20	120	462	27			1	400	60			
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	97	90	90	90	No. 1	420	500	350	400	No. 2					1 426 250	
VISCOSITY	37	3.0	3.0	3.0	MODEL	68	70	54	60	MODEL					2 426 250	
GEL					LINER SIZE	5 1/4	1	15		LINER SIZE					3 1126 1000	
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees		Weather		Temp.		
ADDITIVES: GEL 2000	GENERAL: ACE TAN 200		Base 6		SANDUST 15		SAND 1" STK 90		2144		2		516		250	
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			
1	Wright	1-960	8													
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	
2290	29	2319	2 1/2	58 m	17	2	15	3	6 1/4	2 7/8	596.53			50.85	24.65	
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.	
2	8 3/4	SDPH	Open	PW075	20	120	490	29 1/2				400	60	5	6 I	
3	8 3/4	XIG 3/4	1/8	66674											Run in	
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	92				No. 1	400				No. 2					1 434 250	
VISCOSITY	33				MODEL	60				MODEL					2 434 250	
GEL					LINER SIZE					LINER SIZE					3 1134 1000	
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees		Weather		Temp.		
ADDITIVES: 50" GEL TAN	GENERAL: 50" GEL TAN						2319		278		5		524		250	
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			
1	Wright	1-960	8													
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	
2319	38	2357	2	60	18		15	3	6 1/4	2 7/8	596.53			50.85	24.65	
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.	
3	8 3/4	XIG 3/4	1/8	66674	20	100	38	2			1	550	72		IN	
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	400				No. 2					1 442 250	
VISCOSITY					MODEL	72				MODEL					2 442 250	
GEL					LINER SIZE	5 1/4	15			LINER SIZE					3 1122 1000	
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS		At Feet		Degrees		Weather		Temp.		
ADDITIVES: GEL 1400 LBS	GENERAL: SANDUST 38		AUSTIL 150 LBS		BENEX 400											
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			
1	Wright	1-960	8													

REMARKS		TIME		
START	STOP	INTVL		
Drill 9 3/4" hole	12:00	3:30	3 1/2	
Rig service	3:30	3:45	1/4	
Drill 8 3/4" hole	3:45	8:00	4 1/4	
FIRES Nil				
H. Buckler DRILLER'S SIGNATURE				
Drill 8 3/4" Hole	8:00	10:30	2 1/2	
DROPPED SURVEY @ 2319	10:30	10:45	1/4	
Blow Kelly, Hosit Bit #2 +	10:45			
MEASURED Out		12:15	1 1/2	
Lay Down Shock Sub + Pick New One				
Make Up Bit #3		1:15	1	
CHECK MOTOR SHUT OFF				
BLIND RAM + PIPE RAMS		2:00	3/4	
Run Collars in + Layed 2 singles down				
Pickup 3 4' COLLARS		3:00	1	
FIRES Run in Hole M. Gervais		3:00	1 1/2	
Pick Kelly + REAM FROM 1309	3:30	4:00	1/2	
FINISH IN HOLE	4:00	5:00	1	
CLEAN TO BOTTOM	5:00	5:30	1/2	
MIX MUD	5:30	7:00	1 1/2	
REPAIR MUD MIXER LINE	7:00	9:00	2	
REAM + CLEAN TO BOTTOM	9:00	10:00	1	
DRILL 8 3/4" HOLE	10:00	12:00	2	
FIRES				
C. D. Durand DRILLER'S SIGNATURE				

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown-o-matic Chk'd.	Fuel on Hand 12.01 a.m.	2805	gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
Hydri	✓				✓	Fuel Rec'd Today (add)		gals.						
Pipe Rams.	✓	12:00			✓	TOTAL		gals.	TO	KB. USED	SAX	CEM		
Blind Rams.	✓	12:00			✓	Fuel on Hand 11.59 p.m. (deduct)	3811	gals.	PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD: 9 1/4	
TOTCO RING ON BIT = Yes					Boiler Operated: 24	Hrs.			FUEL USED		gals.	CEMENT RETURNS - (YES/NO)	EQUIPMENT CHANGES	
Approved by Operator's Representative: <i>Luks J. J. J.</i> Approved by Toolpusher: <i>C. Schogge</i> TOTAL COMPANY TIME: _____ HRS. TOTAL CONTRACTOR'S TIME: _____ HRS.														

CONSERVATION BOARD COPY

14783

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG

DIRECTIONS TO WELL

RIG NO. 19

LOCATION MIAMI AMOCO SWEDEN

SEC.

Block 110

TWP.

RGE.

W.

DATE

March 13

1979

MAILING POINT

Steen River

SHIPPING POINT

Same

MILES MOVED

25

ROAD CONDITIONS

Rough

DAYS FROM SPUD

7 1/4

TOUR MIDNIGHT TO 8 AM TOUR 8 AM TO 4 PM TOUR 4 PM TO MIDNIGHT

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. H.	Fr. up on Kelly
2083				60m.	16			15	6 3/4	2 7/8	514.83			548.5	24.07
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.
2	8 3/4	SDR	Open	PW075			255								
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
WEIGHT				8.4	No. 1	PRES. SURE				No. 2	PRES. SURE				378
VISCOSITY				45	MODEL	S.P.M.	CARE MUD			MODEL	S.P.M.				378
GEL					LINER SIZE					LINER SIZE					1078
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	4	1087	250				
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	Fr. Left on Spool		
1	Wright	1-960													
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. H.	Fr. up on Kelly
2083				16				15	6 3/4	2 7/8	514.83			548.5	24.07
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.
2	8 3/4	SDR	Open	PW075			255								
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
WEIGHT				8.4	No. 1	PRES. SURE				No. 2	PRES. SURE				386
VISCOSITY				40	MODEL	S.P.M.				MODEL	S.P.M.				386
GEL					LINER SIZE					LINER SIZE					1086
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	4	1086	250				
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	Fr. Left on Spool		
1	Wright	1-960													
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. H.	Fr. up on Kelly
2083				16				15	6 3/4	2 7/8	514.83			548.5	24.07
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.
2	8 3/4	SDR	Open	PW075			255								
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
WEIGHT				8.4	No. 1	PRES. SURE				No. 2	PRES. SURE				394
VISCOSITY				500	MODEL	S.P.M.	5 1/2 x 15			MODEL	S.P.M.				394
GEL					LINER SIZE					LINER SIZE					1094
W.L.	F.C.	pH.	DESILTER: Hours Op:	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	4	1104	250				
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	Fr. Left on Spool		
1	Wright	1-960													

REMARKS	START	STOP	INTVL.
Waiting on boiler #2	12:00		
Circ. mud tanks			
Make up steam & water hoses for boiler #2		8:00	8
Wait on Boiler	8:00	1:00	5
Hook up Boiler & Blow	1:00		
Water lines & Steam lines	4:20	3	
FINISH HOOKING UP	4:00		
WATER LINES		5:00	1
MIX MUD	5:00		
MUD FLUFFED UP		6:00	1
DRAIN SUCTION TANK	6:00	7:00	1
CHECK OUT PUMP	7:00		
DRAIN SUCTION TANK			
REMOVE SUCTION FROM PUMP		12:00	5

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown-o-matic Chk'd.	Fuel on Hand 12.01 a.m.	465	gals.	CASING REPORT	RAN	JTS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
Hydri						Fuel Rec'd Today (add)		gals.	TO	KB. USED	SAX	CEM		
Pipe Rams.						TOTAL		gals.	PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD	
Blind Rams.						Fuel on Hand 11.59 p.m. (deduct)	3371	gals.	CEMENT RETURNS - (YES/NO)					
TOTCO RING ON BIT #	2	Bailer Operated	258	Hrs.	Fire Equip. Chk'd.	FUEL USED		gals.	EQUIPMENT CHANGES					
Approved by Operator's Representative <i>[Signature]</i> Approved by Toolpusher <i>[Signature]</i>														

CONSERVATION BOARD COPY

14781

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELLRIG NO. 19 LOCATION MIAMI AMOCO SWEDIE L.S.D. Block 110
DATE MARCH 12 1974
MAILING POINT STEEN RIVER SHIPPING POINT Same
MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM SPUD 6 1/4

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																																																																			
1957	126	2083	5 1/2	60m	16	-	15	6 1/4	2 7/8	514.83				Subs.	24.07	Drill 8 3/4" hole	12:00																																																																			
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.																																																																			
2	8 3/4	SDGR	3/4	1/2	PW075	30	60	55			1	1200	58																																																																							
<table border="1"> <thead> <tr> <th>M.U.D.</th> <th>12 m.</th> <th>2 a.m.</th> <th>4 a.m.</th> <th>6 a.m.</th> <th>PUMP</th> <th>12 m.</th> <th>2 a.m.</th> <th>4 a.m.</th> <th>6 a.m.</th> <th>PUMP</th> <th>12 m.</th> <th>2 a.m.</th> <th>4 a.m.</th> <th>6 a.m.</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td>9.1</td> <td>91</td> <td></td> <td></td> <td>No. 1</td> <td>1200</td> <td>130</td> <td></td> <td></td> <td>No. 2</td> <td></td> <td></td> <td></td> <td></td> <td>1 354</td> <td>250</td> </tr> <tr> <td>VISCOSITY</td> <td>38</td> <td>38</td> <td></td> <td></td> <td>MODEL</td> <td>58</td> <td>58</td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>2 354</td> <td>250</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>3 1054</td> <td>1000</td> </tr> </tbody> </table>																	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	9.1	91			No. 1	1200	130			No. 2					1 354	250	VISCOSITY	38	38			MODEL	58	58			MODEL					2 354	250	GEL					LINER SIZE					LINER SIZE					3 1054	1000
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	9.1	91			No. 1	1200	130			No. 2					1 354	250																																																																				
VISCOSITY	38	38			MODEL	58	58			MODEL					2 354	250																																																																				
GEL					LINER SIZE					LINER SIZE					3 1054	1000																																																																				
<table border="1"> <thead> <tr> <th>W.L.</th> <th>F.C.</th> <th>pH.</th> <th>DESILTER: Hours Op.</th> <th>U. Flow:</th> <th>O. Flow:</th> <th>SURVEYS</th> <th>At Feet</th> <th>Degrees</th> <th>Weather</th> <th>Water</th> <th>Temp.</th> <th>Bbls.</th> </tr> </thead> <tbody> <tr> <td colspan="12">1000 GEL.</td> <td></td> </tr> <tr> <td colspan="12">10 SANDUST</td> <td></td> </tr> </tbody> </table>																	W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.	1000 GEL.													10 SANDUST																																									
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.																																																																								
1000 GEL.																																																																																				
10 SANDUST																																																																																				
<table border="1"> <thead> <tr> <th>Drilling Line Record</th> <th>Size</th> <th>Make</th> <th>Serial No.</th> <th>No. Lines</th> <th>Trips</th> <th>Ton Miles</th> <th>Total Miles</th> <th>Slip</th> <th>Feet or Cut</th> <th>At Miles</th> <th>Date Slip or Cut</th> <th>Next Slip</th> <th>Ft. Left on Spool</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1/2</td> <td>Wright</td> <td>1-960</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																	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	1	1/2	Wright	1-960	8																																																	
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																																																																							
1	1/2	Wright	1-960	8																																																																																
2083																																																																																				
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.																																																																			
2	8 3/4	SDGR	open	PW075																																																																																
<table border="1"> <thead> <tr> <th>M.U.D.</th> <th>8 a.m.</th> <th>10 a.m.</th> <th>12 noon</th> <th>2 p.m.</th> <th>PUMP</th> <th>8 a.m.</th> <th>10 a.m.</th> <th>12 noon</th> <th>2 p.m.</th> <th>PUMP</th> <th>8 a.m.</th> <th>10 a.m.</th> <th>12 noon</th> <th>2 p.m.</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td></td> <td></td> <td></td> <td></td> <td>No. 1</td> <td></td> <td></td> <td></td> <td></td> <td>No. 2</td> <td></td> <td></td> <td></td> <td></td> <td>1 362</td> <td>250</td> </tr> <tr> <td>VISCOSITY</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>2 362</td> <td>250</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>3 1062</td> <td>1000</td> </tr> </tbody> </table>																	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					No. 1					No. 2					1 362	250	VISCOSITY					MODEL					MODEL					2 362	250	GEL					LINER SIZE					LINER SIZE					3 1062	1000
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					No. 1					No. 2					1 362	250																																																																				
VISCOSITY					MODEL					MODEL					2 362	250																																																																				
GEL					LINER SIZE					LINER SIZE					3 1062	1000																																																																				
<table border="1"> <thead> <tr> <th>W.L.</th> <th>F.C.</th> <th>pH.</th> <th>DESILTER: Hours Op.</th> <th>U. Flow:</th> <th>O. Flow:</th> <th>SURVEYS</th> <th>At Feet</th> <th>Degrees</th> <th>Weather</th> <th>Water</th> <th>Temp.</th> <th>Bbls.</th> </tr> </thead> <tbody> <tr> <td colspan="12">1500 GEL</td> <td></td> </tr> <tr> <td colspan="12">100 Caustic</td> <td></td> </tr> <tr> <td colspan="12">100 Lixie</td> <td></td> </tr> </tbody> </table>																	W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.	1500 GEL													100 Caustic													100 Lixie																												
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.																																																																								
1500 GEL																																																																																				
100 Caustic																																																																																				
100 Lixie																																																																																				
<table border="1"> <thead> <tr> <th>Drilling Line Record</th> <th>Size</th> <th>Make</th> <th>Serial No.</th> <th>No. Lines</th> <th>Trips</th> <th>Ton Miles</th> <th>Total Miles</th> <th>Slip</th> <th>Feet or Cut</th> <th>At Miles</th> <th>Date Slip or Cut</th> <th>Next Slip</th> <th>Ft. Left on Spool</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																	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																																																						
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																																																																							
2083																																																																																				
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.																																																																			
2	8 3/4	SDGR	open	PW075																																																																																
<table border="1"> <thead> <tr> <th>M.U.D.</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td></td> <td></td> <td></td> <td></td> <td>No. 1</td> <td></td> <td></td> <td></td> <td></td> <td>No. 2</td> <td></td> <td></td> <td></td> <td></td> <td>1 370</td> <td>250</td> </tr> <tr> <td>VISCOSITY</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>2 370</td> <td>250</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>3 1070</td> <td>1000</td> </tr> </tbody> </table>																	M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change	WEIGHT					No. 1					No. 2					1 370	250	VISCOSITY					MODEL					MODEL					2 370	250	GEL					LINER SIZE					LINER SIZE					3 1070	1000
M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change																																																																				
WEIGHT					No. 1					No. 2					1 370	250																																																																				
VISCOSITY					MODEL					MODEL					2 370	250																																																																				
GEL					LINER SIZE					LINER SIZE					3 1070	1000																																																																				
<table border="1"> <thead> <tr> <th>W.L.</th> <th>F.C.</th> <th>pH.</th> <th>DESILTER: Hours Op.</th> <th>U. Flow:</th> <th>O. Flow:</th> <th>SURVEYS</th> <th>At Feet</th> <th>Degrees</th> <th>Weather</th> <th>Water</th> <th>Temp.</th> <th>Bbls.</th> </tr> </thead> <tbody> <tr> <td colspan="12">600 GEL</td> <td></td> </tr> <tr> <td colspan="12">300 CAUSTIC IS KINK SEAL</td> <td></td> </tr> <tr> <td colspan="12">WATER 18 SANDUST</td> <td></td> </tr> </tbody> </table>																	W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.	600 GEL													300 CAUSTIC IS KINK SEAL													WATER 18 SANDUST																												
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.																																																																								
600 GEL																																																																																				
300 CAUSTIC IS KINK SEAL																																																																																				
WATER 18 SANDUST																																																																																				
<table border="1"> <thead> <tr> <th>Drilling Line Record</th> <th>Size</th> <th>Make</th> <th>Serial No.</th> <th>No. Lines</th> <th>Trips</th> <th>Ton Miles</th> <th>Total Miles</th> <th>Slip</th> <th>Feet or Cut</th> <th>At Miles</th> <th>Date Slip or Cut</th> <th>Next Slip</th> <th>Ft. Left on Spool</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1/2</td> <td>Wright</td> <td>1-960</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																	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	1	1/2	Wright	1-960	8																																																	
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																																																																							
1	1/2	Wright	1-960	8																																																																																
2083																																																																																				
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.																																																																			
2	8 3/4	SDGR	open	PW075																																																																																
<table border="1"> <thead> <tr> <th>M.U.D.</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td></td> <td></td> <td></td> <td></td> <td>No. 1</td> <td></td> <td></td> <td></td> <td></td> <td>No. 2</td> <td></td> <td></td> <td></td> <td></td> <td>1 370</td> <td>250</td> </tr> <tr> <td>VISCOSITY</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>2 370</td> <td>250</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>3 1070</td> <td>1000</td> </tr> </tbody> </table>																	M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change	WEIGHT					No. 1					No. 2					1 370	250	VISCOSITY					MODEL					MODEL					2 370	250	GEL					LINER SIZE					LINER SIZE					3 1070	1000
M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change																																																																				
WEIGHT					No. 1					No. 2					1 370	250																																																																				
VISCOSITY					MODEL					MODEL					2 370	250																																																																				
GEL					LINER SIZE					LINER SIZE					3 1070	1000																																																																				
<table border="1"> <thead> <tr> <th>W.L.</th> <th>F.C.</th> <th>pH.</th> <th>DESILTER: Hours Op.</th> <th>U. Flow:</th> <th>O. Flow:</th> <th>SURVEYS</th> <th>At Feet</th> <th>Degrees</th> <th>Weather</th> <th>Water</th> <th>Temp.</th> <th>Bbls.</th> </tr> </thead> <tbody> <tr> <td colspan="12">600 GEL</td> <td></td> </tr> <tr> <td colspan="12">300 CAUSTIC IS KINK SEAL</td> <td></td> </tr> <tr> <td colspan="12">WATER 18 SANDUST</td> <td></td> </tr> </tbody> </table>																	W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.	600 GEL													300 CAUSTIC IS KINK SEAL													WATER 18 SANDUST																												
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.																																																																								
600 GEL																																																																																				
300 CAUSTIC IS KINK SEAL																																																																																				
WATER 18 SANDUST																																																																																				
<table border="1"> <thead> <tr> <th>Drilling Line Record</th> <th>Size</th> <th>Make</th> <th>Serial No.</th> <th>No. Lines</th> <th>Trips</th> <th>Ton Miles</th> <th>Total Miles</th> <th>Slip</th> <th>Feet or Cut</th> <th>At Miles</th> <th>Date Slip or Cut</th> <th>Next Slip</th> <th>Ft. Left on Spool</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1/2</td> <td>Wright</td> <td>1-960</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																	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	1	1/2	Wright	1-960	8																																																	
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																																																																							
1	1/2	Wright	1-960	8																																																																																
2083																																																																																				
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.																																																																			
2	8 3/4	SDGR	open	PW075																																																																																
<table border="1"> <thead> <tr> <th>M.U.D.</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>PUMP</th> <th>4 a.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td></td> <td></td> <td></td> <td></td> <td>No. 1</td> <td></td> <td></td> <td></td> <td></td> <td>No. 2</td> <td></td> <td></td> <td></td> <td></td> <td>1 370</td> <td>250</td> </tr> <tr> <td>VISCOSITY</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>MODEL</td> <td></td> <td></td> <td></td> <td></td> <td>2 370</td> <td>250</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>LINER SIZE</td> <td></td> <td></td> <td></td> <td></td> <td>3 1070</td> <td>1000</td> </tr> </tbody> </table>																	M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change	WEIGHT					No. 1					No. 2					1 370	250	VISCOSITY					MODEL					MODEL					2 370	250	GEL					LINER SIZE					LINER SIZE					3 1070	1000
M.U.D.	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	4 a.m.	6 p.m.	8 p.m.	10 p.m.	MOTOR HOURS	Next Oil Change																																																																				
WEIGHT					No. 1					No. 2					1 370	250																																																																				
VISCOSITY					MODEL					MODEL					2 370	250																																																																				
GEL					LINER SIZE					LINER SIZE					3 1070	1000																																																																				
<table border="1"> <thead> <tr> <th>W.L.</th> <th>F.C.</th> <th>pH.</th> <th>DESILTER: Hours Op.</th> <th>U. Flow:</th> <th>O. Flow:</th> <th>SURVEYS</th> <th>At Feet</th> <th>Degrees</th> <th>Weather</th> <th>Water</th> <th>Temp.</th> <th>Bbls.</th> </tr> </thead> <tbody> <tr> <td colspan="12">600 GEL</td> <td></td> </tr> <tr> <td colspan="12">300 CAUSTIC IS KINK SEAL</td> <td></td> </tr> <tr> <td colspan="12">WATER 18 SANDUST</td> <td></td> </tr> </tbody> </table>																	W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.	600 GEL													300 CAUSTIC IS KINK SEAL													WATER 18 SANDUST																												
W.L.	F.C.	pH.	DESILTER: Hours Op.	U. Flow:	O. Flow:	SURVEYS	At Feet	Degrees	Weather	Water	Temp.	Bbls.																																																																								
600 GEL																																																																																				
300 CAUSTIC IS KINK SEAL																																																																																				
WATER 18 SANDUST																																																																																				
<table border="1"> <thead> <tr> <th>Drilling Line Record</th> <th>Size</th> <th>Make</th> <th>Serial No.</th> <th>No. Lines</th> <th>Trips</th> <th>Ton Miles</th> <th>Total Miles</th> <th>Slip</th> <th>Feet or Cut</th> <th>At Miles</th> <th>Date Slip or Cut</th> <th>Next Slip</th> <th>Ft. Left on Spool</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1/2</td> <td>Wright</td> <td>1-960</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																	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	1	1/2	Wright	1-960	8																																																	
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																																																																							
1	1/2	Wright	1-960	8																																																																																

CONSERVATION BOARD COPY

14780

WESTBURNE DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO
WELLRIG NO. 19 LOCATION MIAMI AMOCO SWEDE 3106K 110
MAILING POINT Steen River SHIPPING POINT Same
MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM SPUD 54

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		
1660	160	1820	7 3/4	52A	13	1		16	6 3/4	2 3/8	545.55		20	9.10	2 1/2		
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.
1	8 3/4	SDT	3/16 1/4	PR706	30	80	1259	343			1	1200	60				
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 WEIGHT 9.3 9.2 9.2 9.2 No. 1 PRES. 1200 1200 1200 1200 No. 2 PRES. 1200 1200 1200 1200 VISCOSITY 36 35 38 34 MODEL S.P.M. 60 60 60 60 MODEL S.P.M. 60 60 60 60 GEL W.L. F.C. pH. DESILTER: Hours Op. U. Flow: 10.7 O. Flow: 9.2 SURVEYS At Feet Degrees ADDITIVES: WATER 1" STREAM. GENERAL: DUMP TANK 50 SALS. 1560 1 1/4 5 420 250 200 GEL 2 BENEX Drilling Line Record 1 Wright 1-960 8 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 1820 8 1828 3 1/4 52m. 13 1 15 6 3/4 2 3/8 545.52 Shock X.O 10.42 13.65 13 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. 1 8 3/4 SDT 3/16 1/4 PR706 30 80 1267 36 1/2 2 8 3/4 SDT 3/16 1/4 PR7075 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 WEIGHT 9.1 No. 1 PRES. 1200 No. 2 PRES. 1200 VISCOSITY 37 MODEL S.P.M. 60 MODEL S.P.M. 60 GEL W.L. F.C. pH. DESILTER: Hours Op. U. Flow: O. Flow: SURVEYS At Feet Degrees ADDITIVES: GENERAL: Drilling Line Record 1" Wright 1-960 8 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 1828 129 1957 6 1/4 56 14 2 15 6 3/4 2 3/8 548.3 5065 2407 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. 2 8 3/4 SDT 3/16 1/4 PR7075 30 60 129 64 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 WEIGHT 9.3 9.2 9.1 No. 1 PRES. 1200 1200 1200 No. 2 PRES. 1200 1200 1200 VISCOSITY 35 36 39 MODEL S.P.M. 58 58 58 MODEL S.P.M. 58 58 58 GEL W.L. F.C. pH. DESILTER: Hours Op. U. Flow: 11 O. Flow: 9.1 SURVEYS At Feet Degrees ADDITIVES: GEL 2400 LBS. GENERAL: 1900 2 5 436 250 BEAK 10 LBS 1" STREAM WATER Drilling Line Record 1 Wright 1-960 8 B.O.P. Tested Elapsed Time Pres. Packing & Seal Inspected Date Crown-o-matic Chk'd. Fuel on Hand 12.01 a.m. 2010 gals. CASING REPORT RAN JTS CSG RENTAL EQUIPMENT ON HAND TRANSFER # Hydril Fuel Rec'd Today (add) 1002 gals. TO KB. USED SAX CEM Pipe Rams. TOTAL gals. PLUS % PLUG DOWN A.M. P.M. DAYS FROM SPUD 5 1/4 TOTAL COMPANY TIME HRS. TOTAL CONTRACTOR'S TIME HRS. Blind Rams. Kelly Cok Chk'd. Fuel on Hand 11.59 p.m. (deduct) 1002 gals. CEMENT RETURNS - (YES/NO) EQUIPMENT CHANGES TOTCO RING ON BIT 1 Bit: Operated 34 Hrs. Fire Equip. Chk'd. FUEL USED 1008 gals. Approved by Operator's Representative Approved by Toolpusher																	

REMARKS	START	STOP	INTVL
Drill 8 3/4" hole.	12:00	1:00	1
Rig service	1:00	1:15	1/4
Drill 8 3/4" hole	1:15	8:00	6 3/4
FIRE Nil			
DRILLER'S SIGNATURE H. Buckley			
Drill 8 3/4" hole	8:20	8:45	3/4
Blow Kelly & Hosit Bit #1	8:45	11:00	2 1/2
Lay down Bottom Hole Collar	11:00		
+ Pick up Shock Sub & Make			
Bit Dump & Clean Settling Tank	12:00		1
Run In w/ Bit #2	12:00	1:00	1
Bridge off @ 1150 Pick up	1:00		
Kelly & Reaming		4:00	3
FIRE			
DRILLER'S SIGNATURE M. Serrano			
FINISH TRIP IN	4:00	4:45	3/4
CLEAN 60' TO BOTTOM	4:45	5:15	1/2
DRILL 8 3/4 HOLE	5:15	10:00	4 3/4
SURVEY @ 1900	10:00	10:30	1/2
DRILL 8 3/4 HOLE	10:30	12:00	1 1/2
FIRE			
DRILLER'S SIGNATURE C. Durand			

DAILY DRILLING LOG
DIRECTIONS TO WELL 4. N

DAILY DRILLING LOG
DIRECTIONS TO WELL 4. N

RIG NO. 19 LOCATION MIAMI AMOCO SWEDE Block. 110
SEC. _____ TWP. _____ RGE. _____ W. _____ DATE March 9 1974
en River MAILING POINT Steen River SHIPPING POINT SAME MILES MOVED 25 ROAD CONDITIONS Rough DAYS FROM SPUD 2 1/4

[illegible]

CONSERVATION BOARD COPY

14777

DAILY DRILLING LOG
DIRECTIONS TO
WELL 4

RIG NO. 19 LOCATION MIAMI AMOCO SWDE L^S 5 SEC. 1 TWP. 1 RGE. 1 W. 1 DATE MARCH 8 1974
 MINING STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 15 ROAD CONDITIONS ROUGH DAYS FROM SPUD 2 1/2

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																
								At Feet	Degrees	Weather	Water	Bbls.	START	STOP	INTVL																		
																	U.O.C.	12.00															
																	CUT OFF CSG. COLLAR																
																	SCREW ON BOWL																
																	PICK UP BOPS	8.00	8														
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					No. 1 PRES-SURE					No. 2 PRES-SURE					1 260	250																	
VISCOSITY					MODEL S.P.W.					MODEL S.P.W.					2 260	250																	
GEL					LINER SIZE					LINER SIZE					3 960	1000																	
W.L.	F.C.	pH.	DESILTER: Hours Op:		U. Flow:		O. Flow:		SURVEYS		At Feet		Degrees		Weather		Water		Bbls.														
																	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																				
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																		
		561					15 3 15/16	2 7/8	516.20				380		5																		
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.																
																	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					No. 1 PRES-SURE					No. 2 PRES-SURE					1 268	250																	
VISCOSITY					MODEL S.P.W.					MODEL S.P.W.					2 268	250																	
GEL					LINER SIZE					LINER SIZE					3 968	1000																	
W.L.	F.C.	pH.	DESILTER: Hours Op:		U. Flow:		O. Flow:		SURVEYS		At Feet		Degrees		Weather		Water		Bbls.														
																	ADDITIVES:	GENERAL: Change heads + liners from 7" to 5 1/2"			2 new seals left pony rod												
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																				
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																		
							15 3 15/16	2 7/8	516.20				380		5																		
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.																
																	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 PRES-SURE					No. 2 PRES-SURE					1 276	250																	
VISCOSITY					MODEL S.P.W.					MODEL S.P.W.					2 276	250																	
GEL					LINER SIZE					LINER SIZE					3 7876	1000																	
W.L.	F.C.	pH.	DESILTER: Hours Op:		U. Flow:		O. Flow:		SURVEYS		At Feet		Degrees		Weather		Water		Bbls.														
																	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																				
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																		
							15 3 15/16	2 7/8	516.20				380		5																		
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.																
																	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 PRES-SURE					No. 2 PRES-SURE					1 276	250																	
VISCOSITY					MODEL S.P.W.					MODEL S.P.W.					2 276																		

WESTBURN DRILLING COMPANY LIMITED
DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. 19 LOCATION MIAMI AMOCO SWEDE LSD. SEC. TWP. RGE. W. DATE MARCH 7 1974
MAILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 25 ROAD CONDITIONS ROUGH DAYS FROM SPUD 144

DATE MAR 7 1974 RIG # 19

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
536	15	561	1	40			15	6 3/4	2 7/8	516.20		3.20	9.10		5
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 No. 1 PRES. SURE 250 250 No. 2 PRES. SURE 250 250 VISCOSITY 60 SS MODEL S.P.M. 160 60 GEL 500 LINER SIZE 7X14 W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees ADDITIVES: GEL 800 LBS GENERAL: THREAD LOCK SHOCK + 2 JTS - 560 1/2 Rm 2 CENTRAL REAS - 1 + 3 JTS Drilling Line Record: 1 WRIGHT 8															
561							15	6 3/4	2 7/8	516.20		3.20	9.10		
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 No. 1 PRES. SURE 250 250 No. 2 PRES. SURE 250 250 VISCOSITY MODEL S.P.M. 160 60 GEL 500 LINER SIZE 7X14 W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees ADDITIVES: RAN GUIDE SHOCK WATER 560 1/2 FLAT W/SEAT - WATER Drilling Line Record: 1 WRIGHT 8															
							15	6 3/4	2 7/8	516.20		3.20	9.10		
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 PRES. SURE 250 250 No. 2 PRES. SURE 250 250 VISCOSITY MODEL S.P.M. 160 60 GEL 500 LINER SIZE 7X14 W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees ADDITIVES: PLUG DOWN 5 PM Bump - 500 PSI HOLDS OK. Drilling Line Record: 1 WRIGHT 8															

REMARKS	TIME START	TIME STOP	INTVL
RIG SER + WORK TO BOILER	12.00	1.00	1
DRILL 15 HOLE	1.00	2.00	1
CIRC. CON HOLE + MUD	2.00	4.00	2
DUMMY TRIP	4.00	5.00	1
CIRC.	5.00	5.30	2
PULL OUT TO RUN SURFACE CSB	5.30	6.00	2
Rick up Power Tools	6.00	7.00	1
Rm 10 3/4 CSB	7.00	8.00	1
FIRES C. Demand DRILLER'S SIGNATURE			
Rm 10 3/4 Cig.	8.00	2.30	6 1/2
Circ. + rig up to cement	2.30	4.00	1 1/2
FIRES W. 1 H. B. DRILLER'S SIGNATURE			
CEMENT	4.00	5.00	1
Plug Down 5" PM - WOC	5.00	12.00	7
4 JTS - 10 3/4 CSB - Plus HANDING joint			
TOTAL OF 5 JTS 10 3/4 CSB ON LEASE			
LENGTH 114.85 FT.			
FIRES M. Gervais DRILLER'S SIGNATURE			

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY!

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR	TIME	Hrs.
TOUR ①	MIDNIGHT - 8 A.M.	8
Driller	C. Demand	
Derrick	Allen Manning	
Motor	Blaine Wible	
Floor	Long Grant	
Floor	Dave D. Dineen	
INJURIES - COMPLETE BELOW		
TOUR ②	8 A.M. - 4 P.M.	9
Driller	Harry Buckler	
Derrick	J. M. Linn	
Motor	Ed. P. Linn	
Floor	Brian M. M. M.	
Floor	Leon Ray	
INJURIES - COMPLETE BELOW		
TOUR ③	4 P.M. - MIDNIGHT	8
Driller	Maurice Gervais	
Derrick	Greg. J. M. Linn	
Motor	Ed. P. Linn	
Floor	W. D. M. Linn	
Floor	Ed. P. Linn	
INJURIES - COMPLETE BELOW		
I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED NO INJURY AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 1).		
Position	Signature	Hrs.
Toolpushers	Approval	
SAFETY TALKS		
Given By:		
Subject:		
TOTAL COMPANY TIME HRS. TOTAL CONTRACTOR'S TIME HRS. Approved by Operator's Representative Approved by Toolpusher		

WESTBORNE
DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. 19 LOCATION MIAMI AMOCO BLOCK 110 L.S.D. SEC. TWP. RGE. W. DATE MARCH 5 1974
MILING POINT STEEN RIVER SHIPPING POINT STEEN RIVER MILES MOVED 25 ROAD CONDITIONS ROUGH DAYS FROM SPUD

ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING THIS TIME I RECEIVED NO INJURY!

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR (1) MIDNIGHT - 8 A.M. Hrs.

Driller C. Durand 8
Derrick J. M. Binning 12
Motor 8
Floor 8
Floor 8
Floor

INJURIES - COMPLETE BELOW

TOUR (2) 8 A.M. - 4 P.M. Hrs.

Driller Harry Buckler 8
Derrick 8
Motor Ed Mathe 8
Floor Brian Monault 12
Floor
Floor
Other

INJURIES - COMPLETE BELOW

TOUR (3) 4 P.M. - MIDNIGHT Hrs.

Driller Maurice Gervais 8
Derrick 12
Motor 8
Floor Wayne 8
Floor
Floor

ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 1)

Position Signature Hrs.

Toolpushers Approval

SAFETY TALKS

Given By: Subject:

Approved by Operator's Representative
Approved by Toolpusher

W 6398
SAFETY DEPT.

CONSERVATION BOARD COPY

W 6398

TOUR MIDNIGHT TO 8 A.M. TOUR 8 A.M. TO 4 P.M. TOUR 4 P.M. TO MIDNIGHT

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

B 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.

MUD 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 No. 1 PRES. SURE No. 2 PRES. SURE

VISCOSITY MODEL S.P.M. MODEL S.P.M.

GEL LINER SIZE LINER SIZE

W.L. F.C. pH. 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

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

B 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.

MUD 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 No. 1 PRES. SURE No. 2 PRES. SURE

VISCOSITY MODEL S.P.M. MODEL S.P.M.

GEL LINER SIZE LINER SIZE

W.L. F.C. pH. 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

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

B 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.

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. MOTOR HOURS Next Oil Change

WEIGHT No. 1 PRES. SURE No. 2 PRES. SURE

VISCOSITY MODEL S.P.M. MODEL S.P.M.

GEL LINER SIZE LINER SIZE

W.L. F.C. pH. 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

B.O.P. Tested Elapsed Time Pressure Packing & Seal Inspected Date Crown-a-matic Chk'd. Fuel on Hand 12.01 a.m. 2348 gals. CASING REPORT RAN JTS CSG RENTAL EQUIPMENT ON HAND TRANSFER #

Hydril Ric Savers Chk'd. Fuel Rec'd Today (add) gals. TO KB. USED SAX CEM

Pipe Rams. Kelly Cock Chk'd. TOTAL gals. PLUS % PLUG DOWN A.M. P.M. DAYS FROM SPUD: TOTAL COMPANY TIME HRS. TOTAL CONTRACTOR'S TIME HRS.

Blind Rams. Fire Equip. Chk'd. FUEL USED 450 gals. CEMENT RETURNS - (YES/NO) EQUIPMENT CHANGES

TOTCO RING ON BIT # Boiler Operated: Hrs.

H.N 79. N OF STEEN RIVER

MAILING POINT STEEN RIVER

SHIPPING POINT STEEN RIVER

MILES MOVED 24

ROAD CONDITIONS VERY RUGH

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				
B	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.	
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					No. 1	PRES-SURE				No. 2	PRES-SURE				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										
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						
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				
B	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.	
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					No. 1	PRES-SURE				No. 2	PRES-SURE				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										
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						
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				
B	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.	
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	PRES-SURE				No. 2	PRES-SURE				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										
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						

SPOT LIGHT PLANT	START	STOP	INTVL
SPOT BOILER & WALKS	8:00		
START MOTORS			
DRESS DEBRICK &			
RAISE SAME			
WORK TO PREFABS	4:00	8	
FIRES			
General rigging up	8:00		
Spot pipe racks, Desilter,			
water tank.			
work on walks.			
string lites	8:00	12	
FIRES			
General Rig Up	12:00		
work on mud tanks w/welder			
work on PRE-FABS			
CLEAN OUT mud tanks	12:00		
WELD CONDUCTOR PIPE			
DAILING LICENCE # D-152 For well block 110			
FIRES			

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY!

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① MIDNIGHT - 8 A.M.	Hrs.
Driller C. Durand	8
Derrick	
Motor	
Floor	
Floor	
Floor	

INJURIES - COMPLETE BELOW

TOUR ② 8 A.M. - 4 P.M.	Hrs.
Driller Harry Buckler	12
Derrick	10
Motor	12
Floor	12
Floor	
Other	

INJURIES - COMPLETE BELOW

TOUR ③ 4 P.M. - MIDNIGHT	Hrs.
Driller Maurice Gervais	12
Derrick	12
Motor	12
Floor	12
Floor	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 1)

Position	Tour	Signature	Hrs.

Toolpushers Approval

Given By:

Subject:

Approved by Operator's Representative
Approved by Toolpusher

WFS/BURNE

WARDEAN DRILLING COMPANY LIMITED

DAILY DRILLING LOG
DIRECTIONS TO
WELL

RIG NO. 19

LOCATION MIAMI AMOCO SWEDE 0-22

BLOCK 110

SEC.

TWP.

RGE.

W.

DATE MARCH 3

74

DATE MAR. 3, 1974 RIG # 19

4N-79N.W. STEEN RIVER

SHIPPING POINT

MILES MOVED 25

ROAD CONDITIONS ROUGH

DAYS FROM SPUD

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	C.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Ft. up on Kelly
MUD															
WEIGHT															
VISCOSITY															
GEL															
W.L.															
F.C.															
pH.															
DESILTER: Hours Op.															
U. Flow:															
O. Flow:															
SURVEYS															
At Feet															
Degrees															
Weather															
Temp.															
Water															
Bbls.															
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															

REMARKS	TIME	START	STOP	INTVL
LAY MATTING	8:00			
SPOT & PIN SUB				
PIN DERRICK & RAISE A-LEGS				
SPOT PUMP & MUD TANK				
SPOT TOOL HOUSE & DOG HOUSE	7:00	11		
Cut logs for blocking	8:00			
Tie down drawworks				
Dress derrick for raising				
Spot catwalk & ramp	7:00	11		

I ACKNOWLEDGE HAVING WORKED THESE HOURS. DURING THIS TIME I RECEIVED NO INJURY!

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR (1) MIDNIGHT - 8 A.M.

Driller
Derrick
Motor
Floor
Floor
Floor

INJURIES - COMPLETE BELOW

TOUR (2) 8 A.M. - 4 P.M.

Driller
Derrick
Motor
Floor
Floor
Floor
Other

INJURIES - COMPLETE BELOW

TOUR (3) 4 P.M. - MIDNIGHT

Driller
Derrick
Motor
Floor
Floor
Floor

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 1)

Position	Hour	Signature	Hrs.

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown-a-matic Chk'd.	Fuel on Hand 12:01 a.m.	gals.
Hydril							
Pipe Rams.							
Blind Rams.							
TOTCO RING ON BIT				Boiler Operated:	Hrs.	Fuel on Hand 11:59 p.m. (deduct)	gals.
				Fire Equip. Chk'd.		FUEL USED	gals.

CASING REPORT	RAN	ITS	CSG	RENTAL EQUIPMENT ON HAND	TRANSFER #
TO	KB. USED	SAX	CEM		
PLUS	%	PLUG DOWN	A.M. P.M.	DAYS FROM SPUD:	
CEMENT RETURNS - (YES/NO)			EQUIPMENT CHANGES		

Toolpushers Approval	Signature	Hrs.

CONSERVATION BOARD COPY

W 6395

W 6395
SAFETY DEPT.

WESTBURN
DRILLING COMPANY LIMITED
DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 19 LOCATION MIAMI AMOCO SWEDE 0-22 60° 11M 52N 117° 34M 25S W 13 LOCK 110
MAILING POINT SHIPPING POINT MILES MOVED 25 ROAD CONDITIONS ROUGH DAYS FROM SPUD 74

DATE MAR 2/74 RIG # 19

TOUR 1
MUD 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
VISCOSITY
GEL
W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees
ADDITIVES: GENERAL:
Drilling Line Record
TOUR 2
MUD 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
VISCOSITY
GEL
W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees
ADDITIVES: GENERAL:
Drilling Line Record
TOUR 3
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. MOTOR HOURS
WEIGHT
VISCOSITY
GEL
W.L. F.C. pH. DESILTER: Hours Op: U. Flow: O. Flow: SURVEYS At Feet Degrees
ADDITIVES: GENERAL:
Drilling Line Record

REMARKS
FIRE
LOAD OUT CAMP 8.00
MOVE TO NEW LOCATION 6.00
RIG UP CAMP 10
FIRE
C. D. Dronard
Help move & set up camp 8.00
6.00 10
FIRE W:1
H. Buckler
DRILLER'S SIGNATURE

ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY
EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY
TOUR 1 MIDNIGHT - 8 A.M. Hrs.
Driller
Derrick
Motor
Floor
Floor
Floor
INJURIES - COMPLETE BELOW
TOUR 2 8 A.M. - 4 P.M. Hrs.
Driller C. D. Dronard 10
Derrick
Motor
Floor
Floor
Floor
Other
INJURIES - COMPLETE BELOW
TOUR 3 4 P.M. - MIDNIGHT Hrs.
Driller Harry Buckler 10
Derrick
Motor
Floor
Floor
Floor
INJURIES - COMPLETE BELOW
ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED NO INJURY AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 1)
Position Signature Hrs.
Toolpushers Approval
SAFETY TALK
Given By:
Subject:

B.O.P. Tested Elapsed Time Pressure Packing & Seal Inspected Date Crown-a-natic Chk'd. Fuel on Hand 12.01 a.m. gals. CASING REPORT RAN JTS CSG RENTAL EQUIPMENT ON HAND TRANSFER #
Hydrii Rigs Savers Chk'd. Fuel Rec'd Today (add) gals.
Pipe Rams Kelly Cock Chk'd. TOTAL gals. TO KB. USED SAX CEM
Blind Rams Fuel on Hand 11.59 p.m. (deduct) gals. PLUS % PLUG DOWN A.M. P.M. DAYS FROM SPUD:
TOTCO RING ON BIT: Boiler Operated: Hrs. Fire Equip. Chk'd. FUEL USED gals. CEMENT RETURNS - (YES/NO) EQUIPMENT CHANGES
Approved by Operator's Representative
Approved by Toolpusher

TOOLPUSHERS APPROVAL
SAFETY TALK
GIVEN BY
SUBJECT

SAFETY DEPT.