

15-007-23034

36-30s-15w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D307

Company Vess Oil Corporation Lease & Well No. Hoagland "B" No. 1-36

Elevation 1723KB Formation Emporia Effective Pay -- Ft. Ticket No. J1913

Date 8-09-06 Sec. 36 Twp. 30S Range 15W County Barber State Kansas

Test Approved By Roger Martin Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3,074 ft. to 3,132 ft. Total Depth 3,132 ft.

Packer Depth 3,069 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,074 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,077 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,129 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 3 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity -- Weight Pipe Length -- ft. I.D. -- in.

Weight 9.6 Water Loss 7.0 cc. Drill Pipe Length 3,048 ft. I.D. 3 1/2 in.

Chlorides 10,500 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 2 Anchor Length 58 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 30 sec. Gas to surface in 25 mins.

2nd Open: Strong blow. Gas to surface throughout. Weak blow back during shut-in. (SEE GAS VOLUME REPORT.)

Recovered 110 ft. of gassy watery mud = 1.562000 bbls. (Grind out: 30%-gas; 20%-water; 50%-mud)

Recovered 120 ft. of gassy water = 1.704000 bbls. (Grind out: 15%-gas; 85%-water) Chlorides: 78,000 Ppm

Recovered 230 ft. of TOTAL FLUID = 3.266000 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 4:10 XXX P.M. Time Started Off Bottom 7:10 XXX P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure (A) 1535 P.S.I.

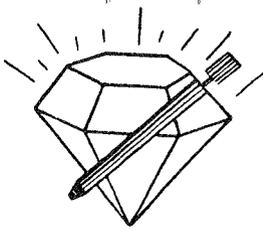
Initial Flow Period Minutes 30 (B) 55 P.S.I. to (C) 77 P.S.I.

Initial Closed In Period Minutes 45 (D) 906 P.S.I.

Final Flow Period Minutes 45 (E) 88 P.S.I. to (F) 125 P.S.I.

Final Closed In Period Minutes 60 (G) 900 P.S.I.

Final Hydrostatic Pressure (H) 1507 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation
Lease & Well No. Hoagland "B" No. 1-36
Date 8-09-06 Sec. 36 Twp. 30 S Range 15 W
Formation Test No. 1 Interval Tested From 3,074 ft. to 3,132 ft. Total Depth 3,132 ft.
Formation Emporia

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u> -- </u> CP	<u> -- </u> CP
Weight	<u> 9.6 </u>	<u> -- </u>
Water Loss	<u> 7.0 </u> CC	<u> 25+ </u> CC
PH Factor	<u> 9.0 </u>	<u> 6.5 </u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u> .08 </u> @ <u> 80 </u> °F. <u> 80,000 </u> ppm	
Recovery Mud	<u> -- </u> @ <u> -- </u> °F. <u> -- </u> ppm	
Recovery Mud Filtrate	<u> -- </u> @ <u> -- </u> °F. <u> -- </u> ppm	
Mud Pit Sample	<u> -- </u> @ <u> -- </u> °F. <u> -- </u> ppm	
Mud Pit Sample Filtrate	<u> .50 </u> @ <u> 75 </u> °F. <u> 11,000 </u> ppm	

Sample Taken By JOHN C. RIEDL

Witness By ROGER MARTIN

Remarks Pit filtrate triton dish chlorides were 10,500 Ppm
Recovery water dish chlorides were 78,000 Ppm

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORP

Contact: BILL HORIGAN

Phone: Fax: e-mail:

Site Information:

Contact: ROGER MARTN

Phone: Fax: e-mail:

Well Information:

Name: HOAGLAND "B" #1-36

Operator: VESS OIL CORP

Location-Downhole: DST #1 3074 TO 3132

Location-Surface: S36/30S/15W BARBER COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL Job Number: D307

Test Unit: 2

Start Date: 2006/08/09 Start Time: 14:20:00

End Date: 2006/08/09 End Time: 21:20:00

Report Date: 2006/08/09 Prepared By: JOHN RIEDL

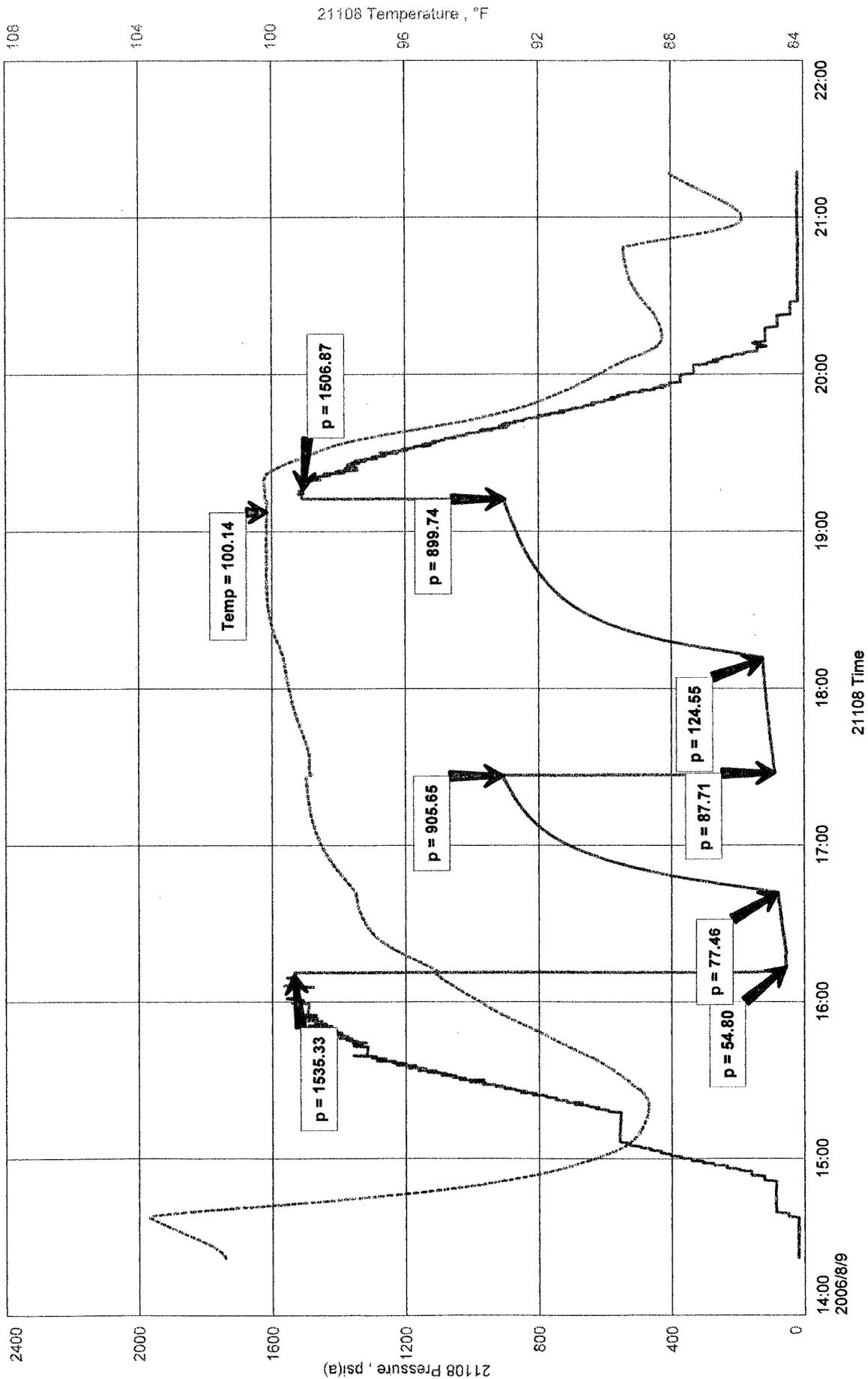
Remarks: Qualified By: ROGER MARTIN

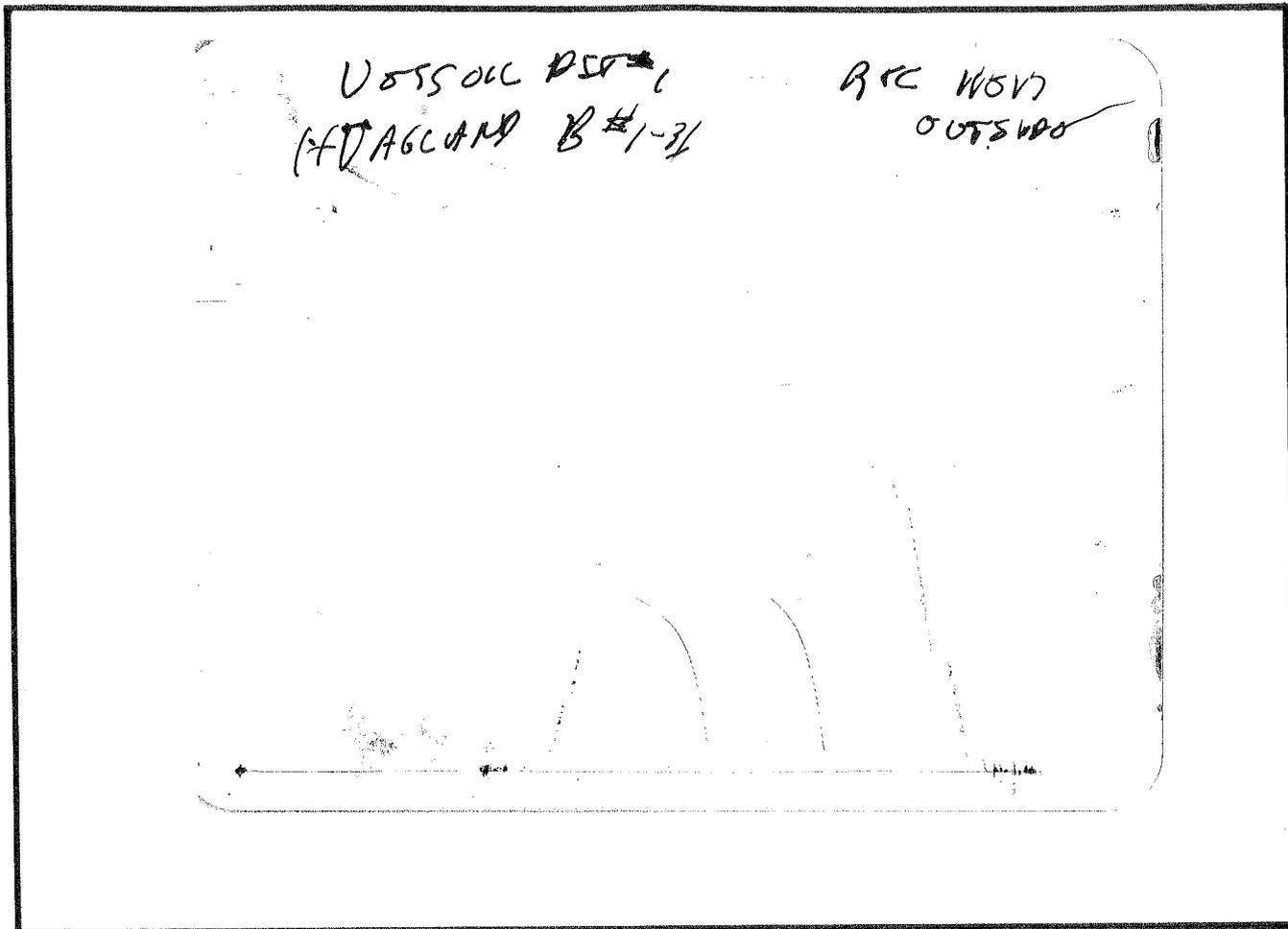
RECOVERY: 110' GWM (30%GAS 20%WATER 50%MUD)
120' GW (15%GAS 85%WATER) CHLORIDES 78,000Ppm
GAS TO SURFACE 25 MINUTES INTO 1ST FLOW

HOAGLAND "B" #1-36
 Formation: EMPORIA
 Job Number: D307

VESS OIL CORP
 DST #1 3074 TO 3132
 Start Test Date: 2006/08/09
 Final Test Date: 2006/08/09

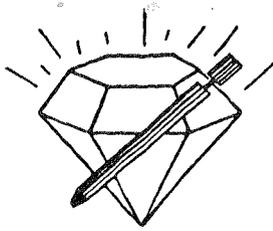
HOAGLAND "B" #1-36





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1535		1535	PSI
(B) First Initial Flow Pressure	55		55	PSI
(C) First Final Flow Pressure	77		77	PSI
(D) Initial Closed-in Pressure	906		906	PSI
(E) Second Initial Flow Pressure	88		88	PSI
(F) Second Final Flow Pressure	125		125	PSI
(G) Final Closed-in Pressure	900		900	PSI
(H) Final Hydrostatic Mud	1507		1507	PSI



DIAMOND TESTING

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STC 21098.D293

Company Vess Oil Corporation Lease & Well No. Val Energy, Inc. - Rig 3
Elevation 1723KB Formation Douglas Effective Pay -- Ft. Ticket No. 2175
Date 8-11-06 Sec. 36 Twp. 30S Range 15W County Barber State Kansas
Test Approved By Roger Martin Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3,746 ft. to 3,865 ft. Total Depth 3,865 ft.
Packer Depth 3,741 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,746 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,727 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,862 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 3 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,714 ft. I.D. 3 1/2 in.
Chlorides 10,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number No. 1 Anchor Length 59' perf. w/60' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface blow, increasing to 2 ins. No blow back during shut-in.
2nd Open: Weak, surface blow, increasing to 2 3/4 ins. No blow back during shut-in.

Recovered 72 ft. of watery mud = 1.022400 bbls. (Grind out: 44%-water; 56%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 36%-mud; 64%-water

Time Set Packer(s) 1:12 AM P.M. Time Started Off Bottom 4:12 AM P.M. Maximum Temperature 106°
Initial Hydrostatic Pressure (A) 1737 P.S.I.
Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period Minutes 45 (D) 1205 P.S.I.
Final Flow Period Minutes 45 (E) 27 P.S.I. to (F) 40 P.S.I.
Final Closed In Period Minutes 60 (G) 1176 P.S.I.
Final Hydrostatic Pressure (H) 1728 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation
Lease & Well No. Hoagland "B" No. 1-36
Date 8-11-06 Sec. 36 Twp. 30 S Range 15 W
Formation Test No. 2 Interval Tested From 3,746 ft. to 3,865 ft. Total Depth 3,865 ft.
Formation Douglas

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>54</u> CP	<u>44</u> CP
Weight	<u>9.1</u>	<u>8.0</u>
Water Loss	<u>8.0</u> CC	<u>50+</u> CC
PH Factor	<u>11.0</u>	<u>8.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.19 @ 108 °F.</u>	<u>24,000 ppm</u>
Recovery Mud	<u>.21 @ 116 °F.</u>	<u>20,000 ppm</u>
Recovery Mud Filtrate	<u>.21 @ 108 °F.</u>	<u>19,500 ppm</u>
Mud Pit Sample	<u>.32 @ 101 °F.</u>	<u>13,500 ppm</u>
Mud Pit Sample Filtrate	<u>.30 @ 112 °F.</u>	<u>12,500 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By ROGER MARTIN

Remarks Pit filtrate triton dish chlorides were 10,000 Ppm
Recovery filtrate triton dish chlorides were 18,000 Ppm
Recovery water dish chlorides were 22,500 Ppm

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORPORATION
Contact: BILL HORIGAN / CASEY COATS
Phone: Fax: e-mail:

Site Information:

Contact: ROGER MARTIN
Phone: Fax: e-mail:

Well Information:

Name: HOAGLAND 'B' #1-36
Operator: VESS OIL CORPORATION
Location-Downhole: DST #2 DOUGLAS 3,746' - 3,865'
Location-Surface: SEC 36-30S-15W BARBER COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: ROGER MARTIN
Test Type: CONVENTIONAL Job Number:
Test Unit: NO. 1
Start Date: 2006/08/11 Start Time: 11:04:00
End Date: 2006/08/11 End Time: 18:39:00
Report Date: Prepared By:
Remarks: Qualified By:

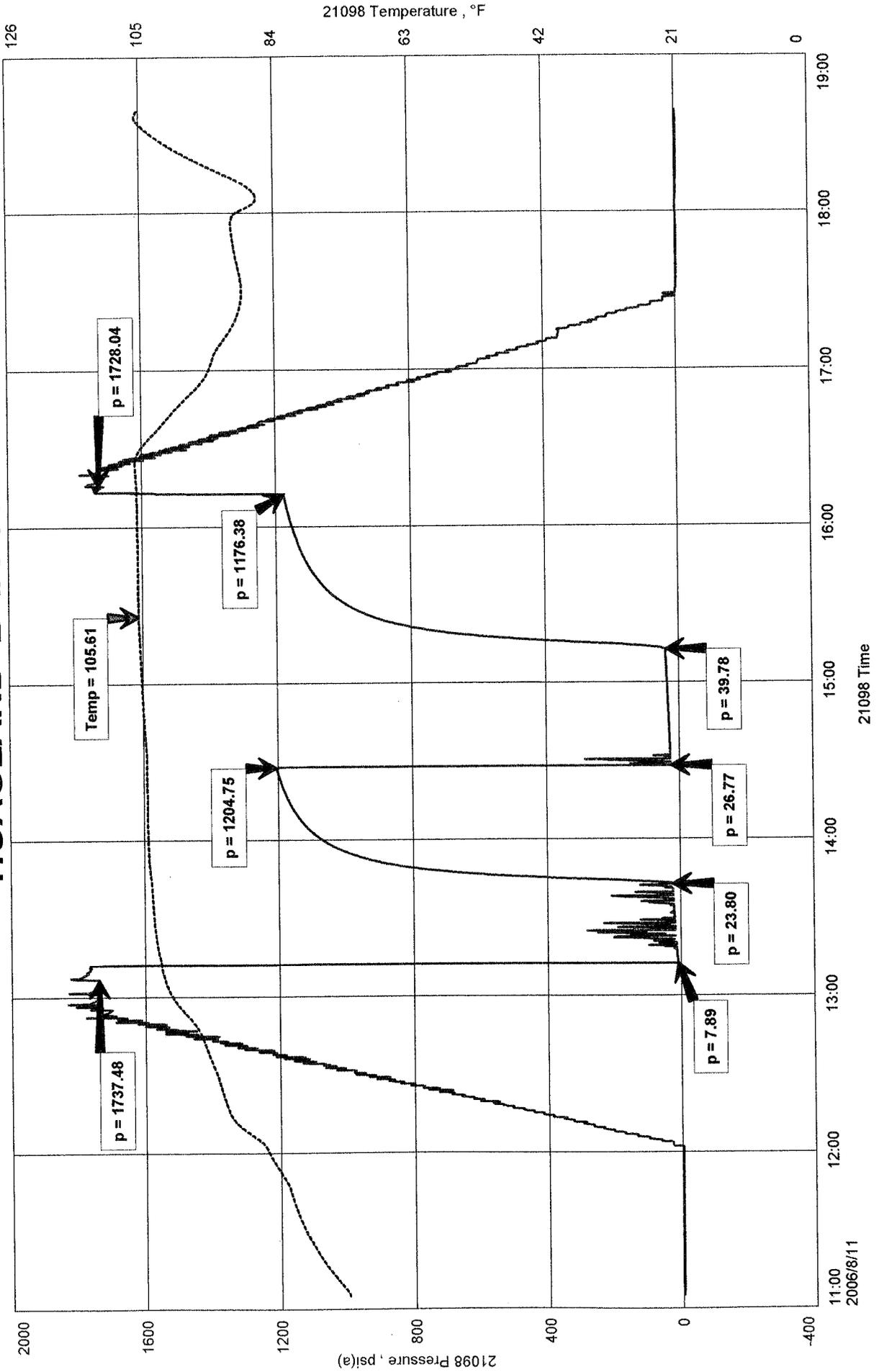
RECOVERED 72' WM 44% WTR, 56% MUD

TOOL SAMPLE: 36% MUD, 64% WTR

HOAGLAND 'B' #1-36
 Formation: DST #2 DOUGLAS 3,746' - 3,865'
 Pool: WILDCAT

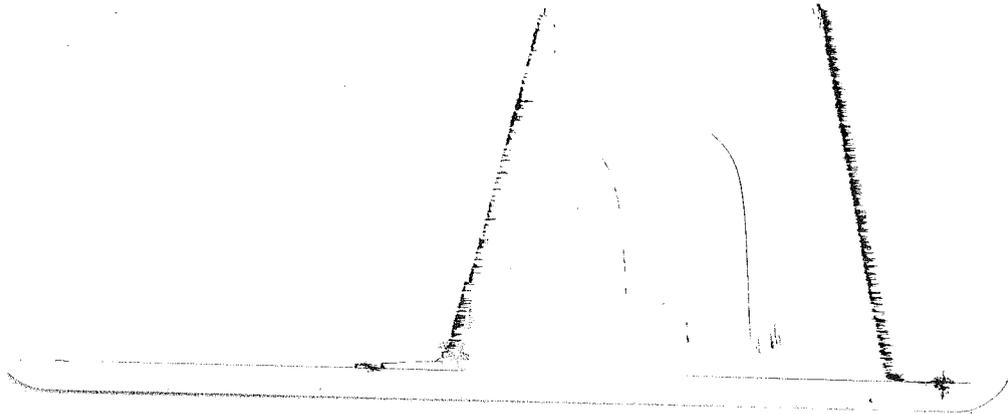
VESS OIL CORPORATION
 DST #2 DOUGLAS 3,746' - 3,865'
 Start Test Date: 2006/08/11
 Final Test Date: 2006/08/11

HOAGLAND 'B' #1-36



DST# 2 outside 13387
Douglas

3746-3865
LOC 3862



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1737	1737		PSI
(B) First Initial Flow Pressure	8	8		PSI
(C) First Final Flow Pressure	24	24		PSI
(D) Initial Closed-in Pressure	1205	1205		PSI
(E) Second Initial Flow Pressure	27	27		PSI
(F) Second Final Flow Pressure	40	40		PSI
(G) Final Closed-in Pressure	1176	1176		PSI
(H) Final Hydrostatic Mud	1728	1728		PSI