

15-171-20758

23-195-31w

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Vess Oil Corporation Lease & Well No. Proudfoot No. 1
Elevation 2939 KB Formation Pawnee Effective Pay Ft. Ticket No. 2673
Date 6-15-10 Sec. 23 Twp. 19S Range 31W County Scott State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,458 ft. to 4,488 ft. Total Depth 4,488 ft.
Packer Depth 4,453 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,458 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,439 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,485 ft. Recorder Number 3815 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 46 Weight Pipe Length ft. I.D. in.
Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 4,424 ft. I.D. 3 1/2 in.
Chlorides 2,200 P.P.M. Test Tool Length 34 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 30 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: Weak, 1/8 in., blow increasing to 1/2 in. Decreasing in 12 mins. Died in 27 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 3 ft. of drilling mud = .030780 bbls. (Grind out: 100%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 3:44 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:44 ~~P.M.~~ ^{A.M.} Maximum Temperature 127°
Initial Hydrostatic Pressure (A) 2152 P.S.I.
Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period Minutes 30 (D) 12 P.S.I.
Final Flow Period Minutes 30 (E) 12 P.S.I. to (F) 11 P.S.I.
Final Closed In Period Minutes 30 (G) 11 P.S.I.
Final Hydrostatic Pressure (H) 2114 P.S.I.

Diamond Testing

General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	PROUDFOOT #1	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 PAWNEE 4,458' - 4,488'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 23-19S-31W SCOTT COUNTY	Report Date	2010/06/15
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	01:25:00
Formation	DST #1 PAWNEE 4,458' - 4,488'	Final Test Time	07:33:00
Well Fluid Type	01 Oil		
Start Test Date	2010/06/15		
Final Test Date	2010/06/15		
Gauge Name	1150		
Gauge Serial Number			

Test Results

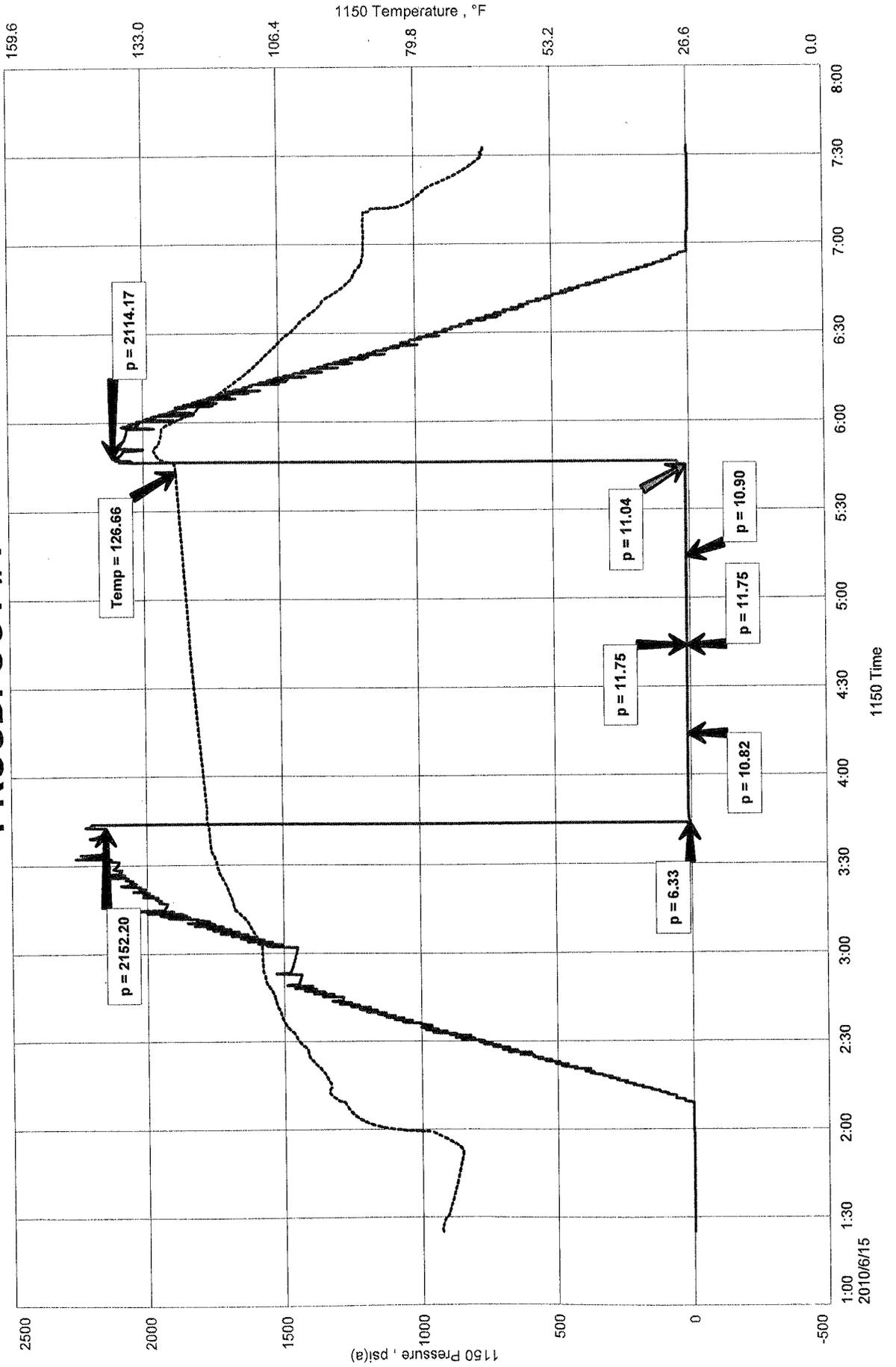
RECOVERED: 3' DM 100% MUD

TOOL SAMPLE: 100% DM

VESS OIL CORPORATION
DST #1 PAWNEE 4,458' - 4,488'
Start Test Date: 2010/06/15
Final Test Date: 2010/06/15

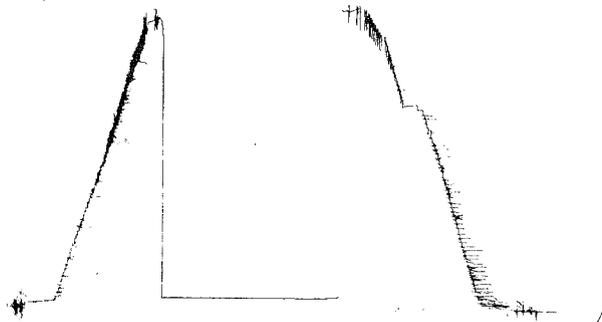
PROUDFOOT #1
Formation: DST #1 PAWNEE 4,458' - 4,488'

PROUDFOOT #1



DST #1 outside 3815
Pawnee

4458-4488
101 4485



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	2152	2152		PSI
(B) First Initial Flow Pressure	6	6		PSI
(C) First Final Flow Pressure	11	11		PSI
(D) Initial Closed-in Pressure	12	12		PSI
(E) Second Initial Flow Pressure	12	12		PSI
(F) Second Final Flow Pressure	11	11		PSI
(G) Final Closed-in Pressure	11	11		PSI
(H) Final Hydrostatic Mud	2114	2114		PSI



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Company Vess Oil Corporation Lease & Well No. Proudfoot No. 1
Elevation 2939 KB Formation Myrick-Mississippi/St. Louis Effective Pay -- Ft. Ticket No. 2674
Date 6-16-10 Sec. 23 Twp. 19S Range 31W County Scott State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,484 ft. to 4,620 ft. Total Depth 4,620 ft.
Packer Depth 4,479 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,484 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,465 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,617 ft. Recorder Number 3815 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 4,451 ft. I.D. 3 1/2 in.
Chlorides 1,400 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 41' perf. w/ 95' 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 7/8 in. Tool Joint Size 4 1/2 - XH in.

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

Recovered 1 ft. of clean oil = .010260 bbls. (Gravity: 29.2 @ 60°)
Recovered 9 ft. of oil cut mud = .092340 bbls. (Grind out: 4%-oil; 96%-mud)
Recovered 10 ft. of TOTAL FLUID = .102600 bbls.
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s)	<u>3:06</u>	<u>A.M.</u> PM	Time Started Off Bottom	<u>5:21</u>	<u>A.M.</u> PM	Maximum Temperature	<u>125°</u>
Initial Hydrostatic Pressure			(A)	<u>2193</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>10</u>	P.S.I. to (C)	<u>11</u>	P.S.I.
Initial Closed In Period	Minutes	<u>45</u>	(D)	<u>53</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>11</u>	P.S.I. to (F)	<u>13</u>	P.S.I.
Final Closed In Period	Minutes	<u>30</u>	(G)	<u>29</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>2138</u>	P.S.I.		

Diamond Testing

General information Report

General Information

Company Name VESS OIL CORPOORATION

Contact	BILL HORIGAN	Job Number	
Well Name	PROUDFOOT #1	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 MYRICK-MISS STL. 4,484' - 4,620'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 33-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/16
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	00:45:00
Formation	DST #2 MYRICK-MISS STL. 4,484' - 4,620'	Final Test Time	07:38:00
Well Fluid Type	01 Oil		
Start Test Date	2010/06/16		
Final Test Date	2010/06/16		
Gauge Name	1150		
Gauge Serial Number			

Test Results

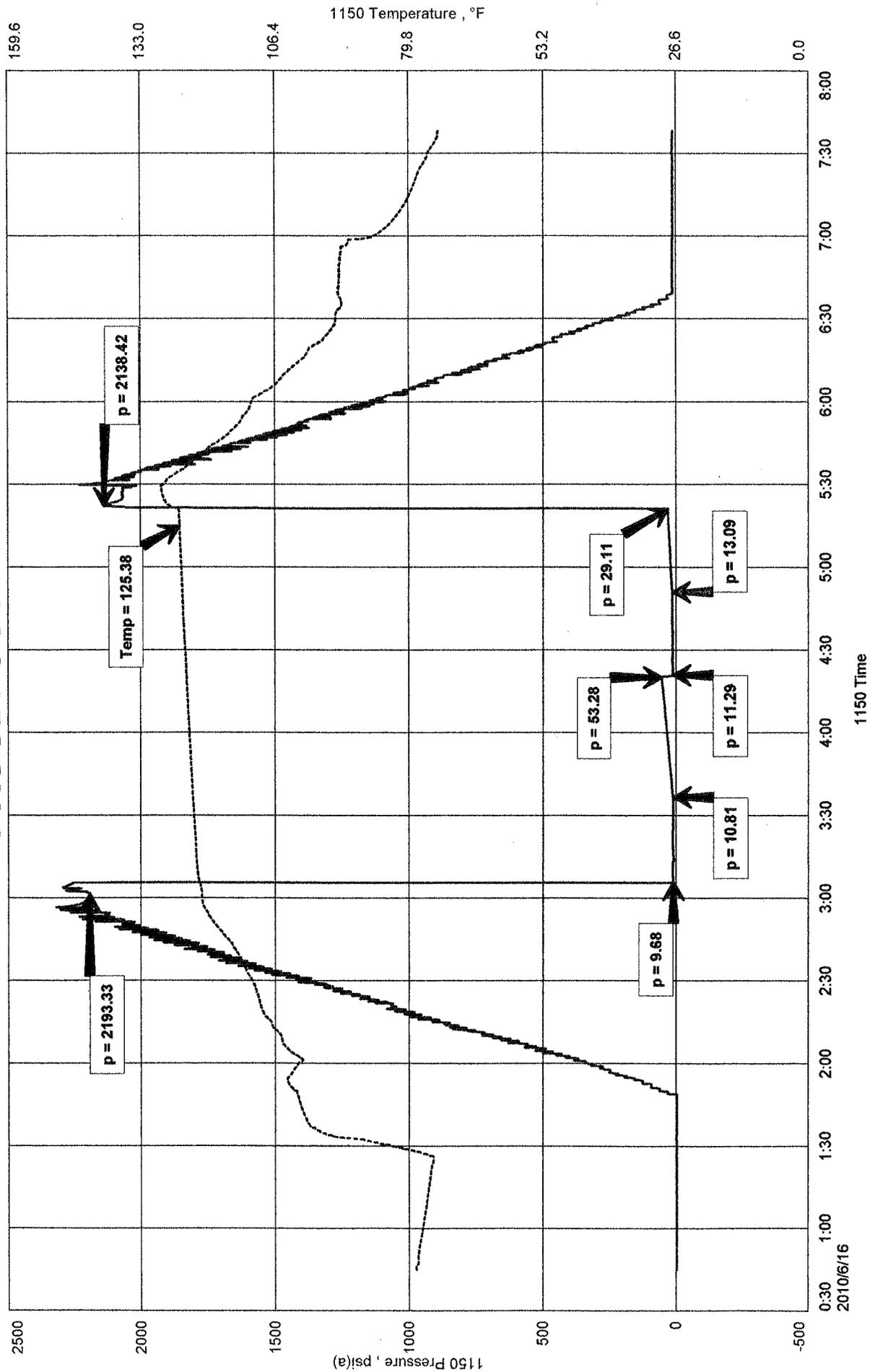
RECOVERED: 1' CLEAN OIL
9' OCM 4% OIL, 96% MUD
10' TOTAL FLUID

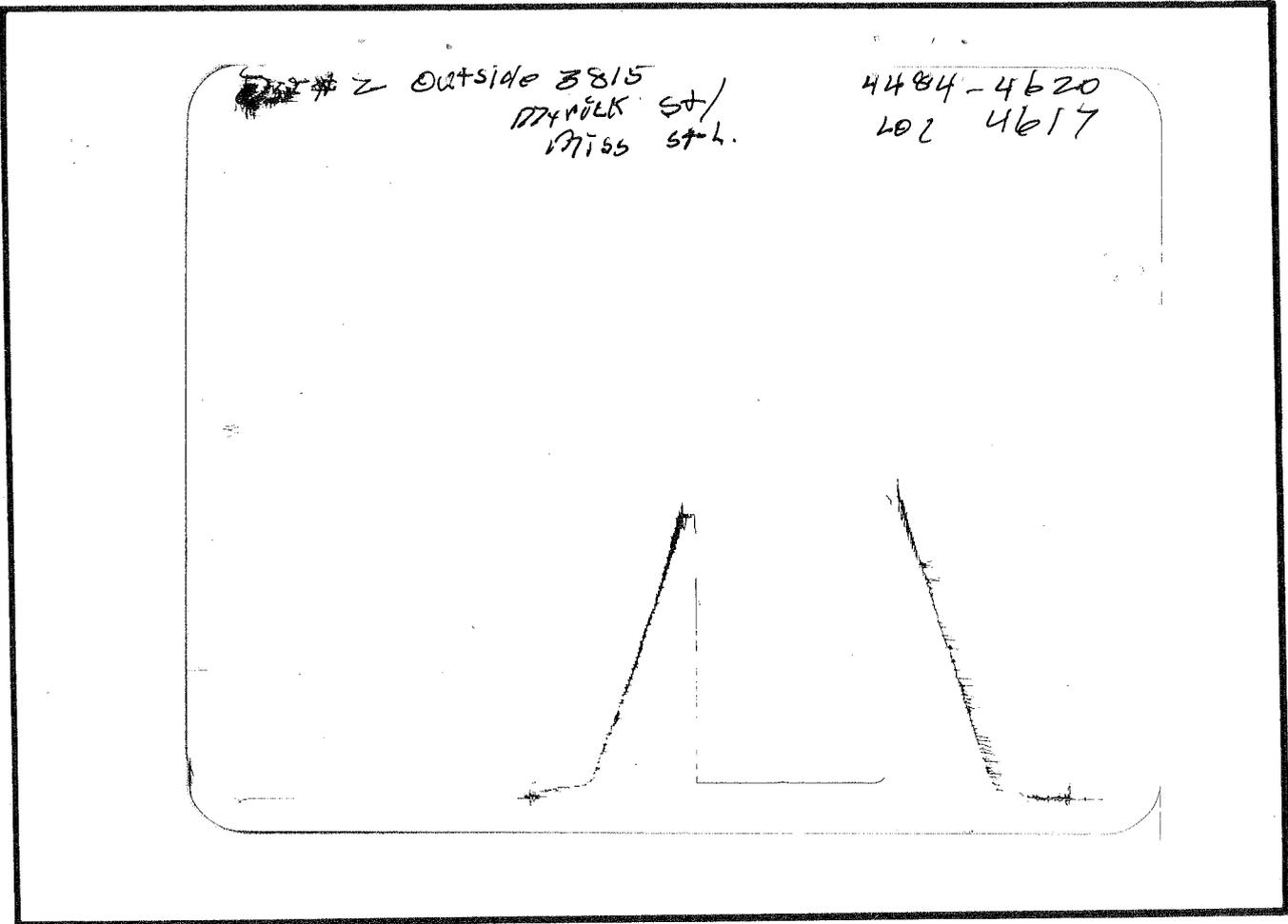
TOOL SAMPLE: 2% OIL, 98% MUD

PROUDFOOT #1
Formation: DST #2 MYRICK-MISS STL. 4,484' - 4,620'

VESS OIL CORPORATION
DST #2 MYRICK-MISS STL. 4,484' - 4,620'
Start Test Date: 2010/06/16
Final Test Date: 2010/06/16

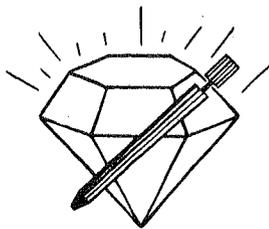
PROUDFOOT #1





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2193	2193	PSI
(B) First Initial Flow Pressure	10	10	PSI
(C) First Final Flow Pressure	11	11	PSI
(D) Initial Closed-in Pressure	53	53	PSI
(E) Second Initial Flow Pressure	11	11	PSI
(F) Second Final Flow Pressure	13	13	PSI
(G) Final Closed-in Pressure	29	29	PSI
(H) Final Hydrostatic Mud	2138	2138	PSI



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Company Vess Oil Corporation Lease & Well No. Proudfoot No. 1

Elevation 2939 KB Formation Mississippi Effective Pay Ft. Ticket No. 2675

Date 6-16-10 Sec. 23 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,617 ft. to 4,636 ft. Total Depth 4,636 ft.

Packer Depth 4,612 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4,617 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,598 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,633 ft. Recorder Number 3815 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.

Mud Type Chemical Viscosity 57 Weight Pipe Length ft. I.D. in.

Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 4,584 ft. I.D. 3 1/2 in.

Chlorides 2,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 19 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: Weak, 1/2 in., blow increasing to 2 3/4 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 1 in. No blow back during shut-in.

Recovered 45 ft. of oil cut watery mud = .461700 bbls. (Grind out: 2%-oil; 56%-water; 42%-mud) Chlorides: 6,000 Ppm

PH: 7.5 RW: .78 @ 66°

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 44%-water; 56%-mud

Time Set Packer(s) 6:38 AM P.M. Time Started Off Bottom 9:38 AM P.M. Maximum Temperature 130°

Initial Hydrostatic Pressure (A) 2205 P.S.I.

Initial Flow Period Minutes 30 (B) 20 P.S.I. to (C) 33 P.S.I.

Initial Closed In Period Minutes 45 (D) 1124 P.S.I.

Final Flow Period Minutes 45 (E) 66 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 60 (G) 1028 P.S.I.

Final Hydrostatic Pressure (H) 2191 P.S.I.

Diamond Testing

General information Report

General Information

Company Name VESS OIL CORPORATION

Contact	BILL HORIGAN	Job Number	
Well Name	PROUDFOOT #1	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 MISSISSIPPI 4,617' - 4,636'	Well Operator	VESS OIL CORPORATION
Surface Location	SEC 23-19S-31W SCOTT COUNTY, KS	Report Date	2010/06/17
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	16:10:00
Formation	DST #3 MISSISSIPPI 4,617' - 4,636'	Final Test Time	23:53:00
Well Fluid Type	01 Oil		
Start Test Date	2010/06/16		
Final Test Date	2010/06/16		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 45' OCWM 2% OIL, 56% WTR, 42% MUD

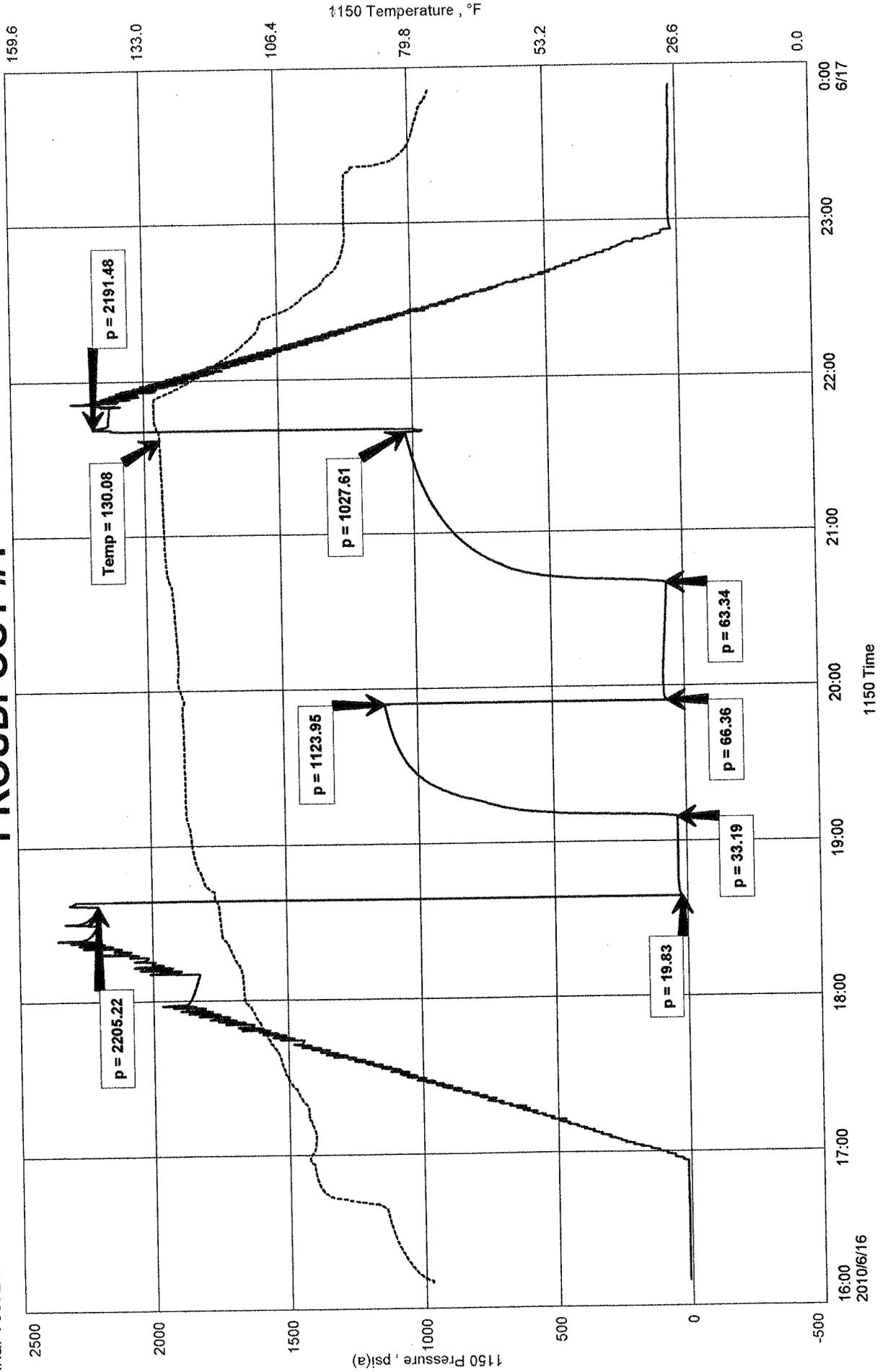
TOOL SAMPLE: 2% OIL, 44% WTR, 56% MUD

CHLORIDES: 6,000 Ppm
PH: 7.5
RW: .78 @ 66 deg

PROUDFOOT #1
 Formation: DST #3 MISSISSIPPI 4,617' - 4,636'

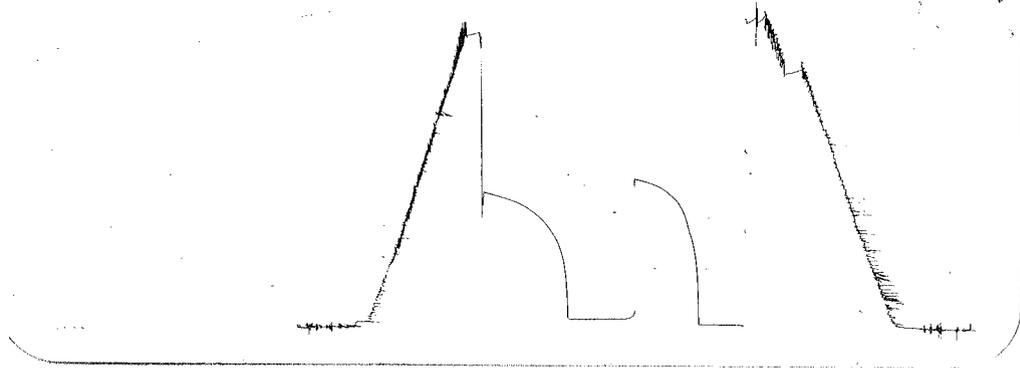
VESS OIL CORPORATION
 DST #3 MISSISSIPPI 4,617' - 4,636'
 Start Test Date: 2010/06/16
 Final Test Date: 2010/06/16

PROUDFOOT #1



WST #3 outside 2013
17/155

4617-4636
LOC 4633



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	2205	2205		PSI
(B) First Initial Flow Pressure	20	20		PSI
(C) First Final Flow Pressure	33	33		PSI
(D) Initial Closed-in Pressure	1124	1124		PSI
(E) Second Initial Flow Pressure	66	66		PSI
(F) Second Final Flow Pressure	63	63		PSI
(G) Final Closed-in Pressure	1028	1028		PSI
(H) Final Hydrostatic Mud	2191	2191		PSI