

15-171-20685

9-19s-31w

## DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D 402

Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Ball "A" No. 1-9

Elevation 2979KB Formation Lansing/Kansas City "I"-"J" Effective Pay -- Ft. Ticket No. J2205

Date 3-05-08 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger Martin Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,176 ft. to 4,216 ft. Total Depth 4,216 ft.

Packer Depth 4,171 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,176 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,179 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,213 ft. Recorder Number 11073 Cap. 4,000 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 9.1 Water Loss 7.2 cc. Drill Pipe Length 4,150 ft. I.D. 3 1/2 in.

Chlorides 2,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 40 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: Good blow, slowly building to 6 ins. No blow back during shut-in.

2nd Open: Good blow, slowly building to 7 ins. No blow back during shut-in.

Recovered 2 ft. of free oil = .020520 bbls. (Gravity: 28 @ 60°)

Recovered 50 ft. of very slightly oil cut watery mud = .513000 bbls. (Grind out: 3%-oil; 30%-water; 67%-mud)

Recovered 60 ft. of very slightly oil cut muddy water = .615600 bbls. (Grind out: 2%-oil; 45%-mud; 53%-water)

Recovered 112 ft. of TOTAL FLUID = 1.149120 bbls. Chlorides: 11,000 Ppm Resistivity: .61 @ 60°

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 5:05 ~~AM~~ P.M. Time Started Off Bottom 8:05 ~~AM~~ P.M. Maximum Temperature 128°

Initial Hydrostatic Pressure ..... (A) 2056 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 5 P.S.I. to (C) 36 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 964 P.S.I.

Final Flow Period ..... Minutes 45 (E) 39 P.S.I. to (F) 66 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 918 P.S.I.

Final Hydrostatic Pressure ..... (H) 2024 P.S.I.

## **GENERAL INFORMATION**

### **Client Information:**

Company: VESS OIL CORP

Contact: PAUL RAMONDETTA

Phone: Fax: e-mail:

### **Site Information:**

Contact: ROGER MARTIN

Phone: Fax: e-mail:

### **Well Information:**

Name: BALL "A" #1-9

Operator: VESS OIL CORP

Location-Downhole: DST#1 4176 TO 4216

Location-Surface: S9/19S/31W SCOTT COUNTY

### **Test Information:**

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL

Job Number: D402

Test Unit: 2

Start Date: 2008/03/05

Start Time: 15:22:00

End Date: 2008/03/05

End Time: 22:00:00

Report Date: 2008/03/05

Prepared By: JOHN RIEDL

### **Remarks:**

Qualified By: ROGER MARTIN

RECOVERY: 2' FREE OIL

50' VSLOCWM ( 3%OIL 30%WATER 67%MUD)

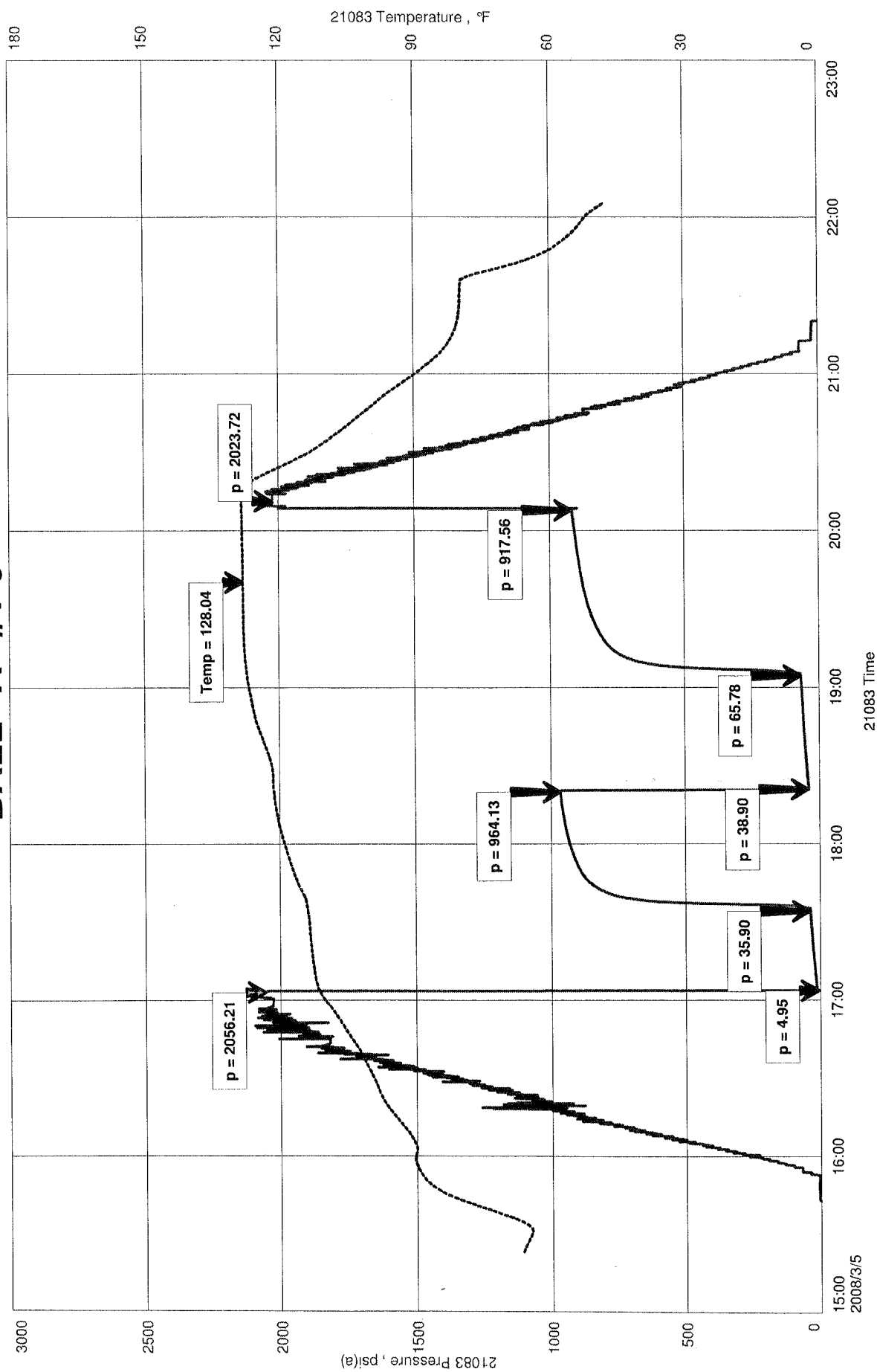
60' VSLOCMW (2%OIL 45%MUD 53%WATER)

TOTAL FLUID REC. 112' IN DRILL PIPE

BALL "A" #1-9  
Formation: LKC "I,J"  
Job Number: D402

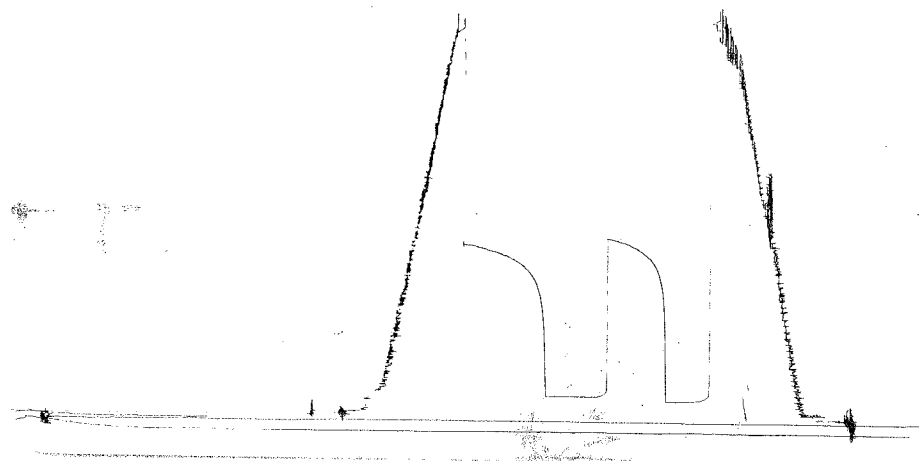
VESS OIL CORP  
DST#1 4176 TO 4216  
Start Test Date: 2008/03/05  
Final Test Date: 2008/03/05

## BALL "A" #1-9



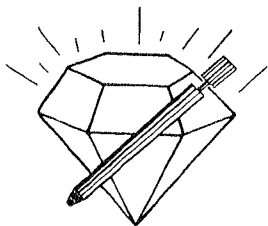
VESSEL DST#1  
BALL #1-19

RSC#1107B  
COTSUM



This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE         |                            |
|----------------------------------------|------------------|----------------------------|
|                                        | Field<br>Reading | Elec.<br>Office<br>Reading |
| (A) Initial Hydrostatic Mud .....      | 2056             | 2056                       |
| (B) First Initial Flow Pressure.....   | 5                | 5                          |
| (C) First Final Flow Pressure .....    | 36               | 36                         |
| (D) Initial Closed-in Pressure .....   | 964              | 964                        |
| (E) Second Initial Flow Pressure ..... | 39               | 39                         |
| (F) Second Final Flow Pressure.....    | 66               | 66                         |
| (G) Final Closed-in Pressure.....      | 918              | 918                        |
| (H) Final Hydrostatic Mud .....        | 2024             | 2024                       |



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STC 21083.D 403

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Company Vess Oil Corporation Lease & Well No. Ball "A" No. 1-9  
Elevation 2979KB Formation Lansing/Kansas City "K" Effective Pay -- Ft. Ticket No. J2206  
Date 3-06-08 Sec. 9 Twp. 19S Range 31W County Scott State Kansas  
Test Approved By Roger Martin Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,223 ft. to 4,250 ft. Total Depth 4,250 ft.

Packer Depth 4,218 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,223 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,226 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,247 ft. Recorder Number 11073 Cap. 4,000 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 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 4,197 ft. I.D. 3 1/4 in.

Chlorides 2,700 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 27 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 4 1/2 mins. Weak, 1 1/2 in., blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 6 1/2 mins. Good, 6 in., blow back during shut-in.

Recovered 500 ft. of gas in pipe

Recovered 370 ft. of gas cut oil = 3.796200 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 29 @ 60°

Recovered 125 ft. of gas & oil cut watery mud = 1.282500 bbls. (Grind out: 20%-gas; 20%-oil; 30%-water; 30%-mud)

Recovered 125 ft. of very slightly oil cut water = 1.282500 bbls. (Grind out: 3%-oil; 97%-water)

Recovered 250 ft. of water = 2.565000 bbls. (Chlorides: 21,000 Ppm Resistivity: .4 @ 55°)

Recovered 870 ft. of TOTAL FLUID = 8.926200 bbls.

Remarks

Time Set Packer(s) 7:25 ~~XXX~~ A.M. Time Started Off Bottom 10:25 ~~XXX~~ A.M. Maximum Temperature 142°  
Initial Hydrostatic Pressure ..... (A) 2078 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 36 P.S.I. to (C) 209 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 1046 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 220 P.S.I. to (F) 397 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 1045 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2056 P.S.I.

## **GENERAL INFORMATION**

### **Client Information:**

Company: VESS OIL CORP

Contact: PAUL RAMONDETTA

Phone: Fax: e-mail:

### **Site Information:**

Contact: ROGER MARTIN

Phone: Fax: e-mail:

### **Well Information:**

Name: BALL "A" #1-9

Operator: VESS OIL CORP

Location-Downhole: DST#2 4223 TO 4250

Location-Surface: S9/19S/31W SCOTT COUNTY

### **Test Information:**

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL

Job Number: D403

Test Unit: 2

Start Date: 2008/03/06

Start Time: 05:47:00

End Date: 2008/03/06

End Time: 13:15:00

Report Date: 2008/03/06

Prepared By: JOHN RIEDL

### **Remarks:**

Qualified By: ROGER MARTIN

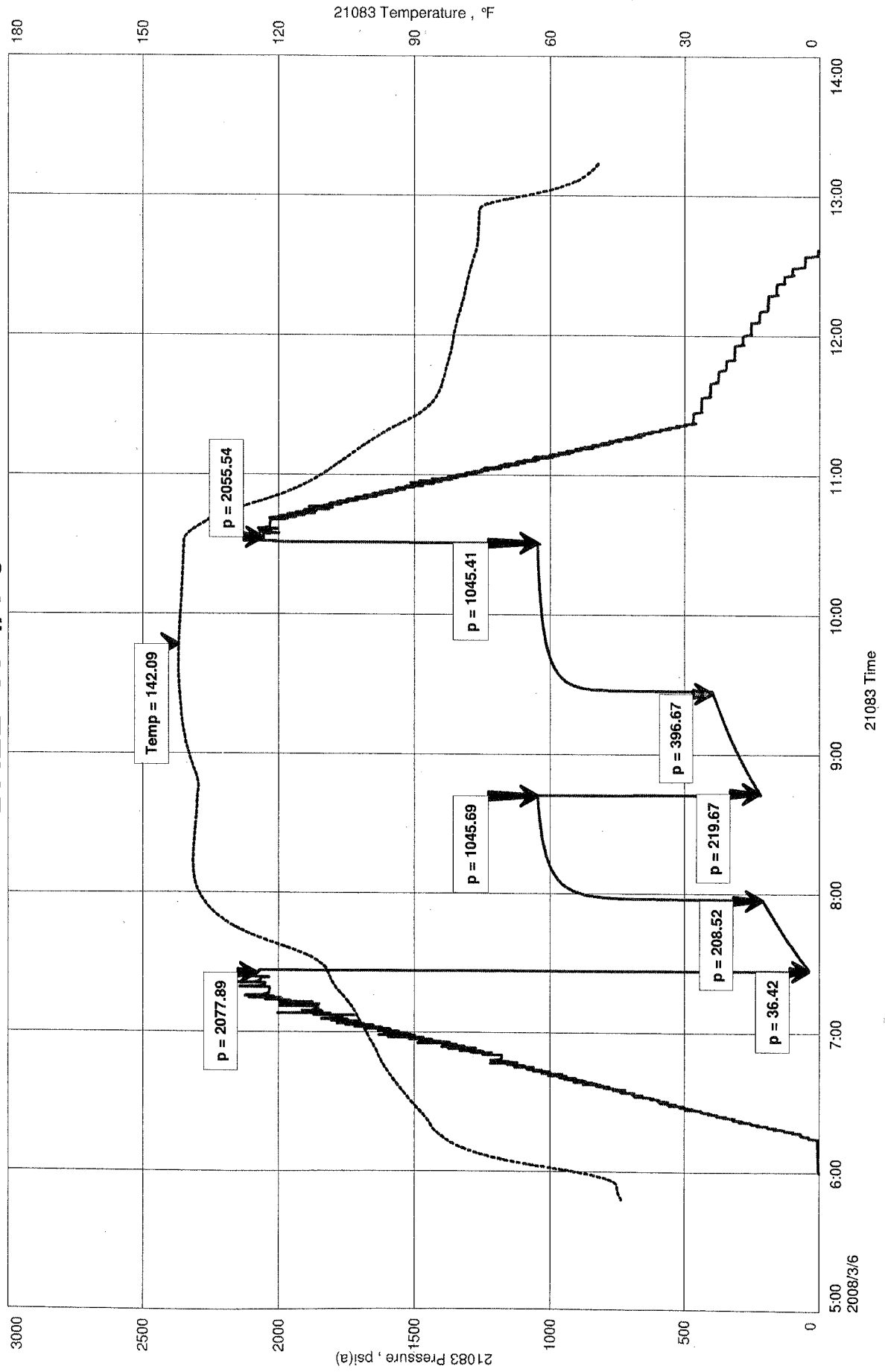
RECOVERY: 500' GAS IN PIPE  
370' CLEAN GASSY OIL  
125' GAS+OIL+WATER CUT MUD  
125' VERY SLIGHTLY OIL CUT WATER  
250' WATER  
TOTAL FLUID REC. 870' IN DRILL PIPE

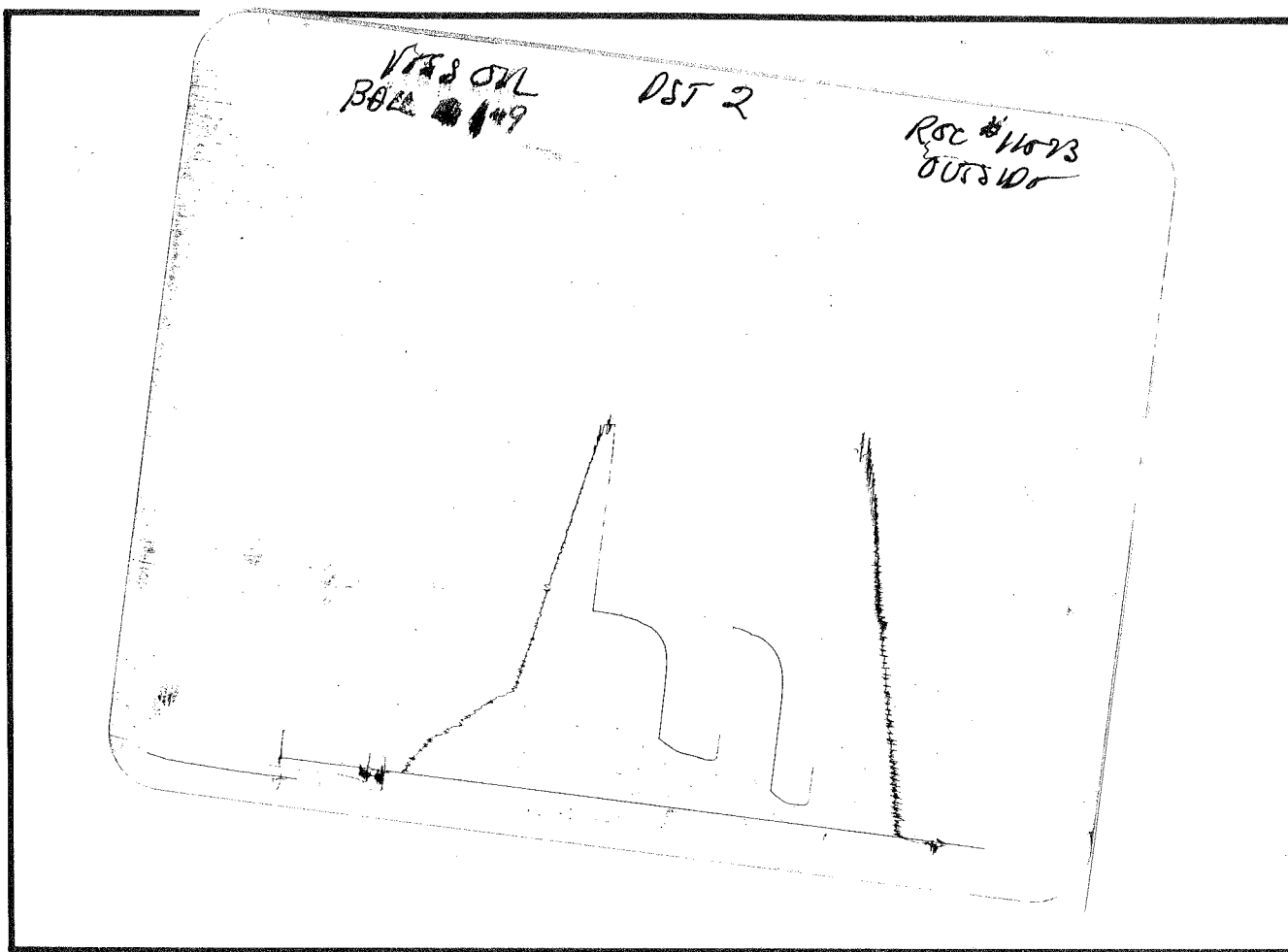
250' WATER

VESS OIL CORP  
DST#2 4223 TO 4250  
Start Test Date: 2008/03/06  
Final Test Date: 2008/03/06

BALL "A" #1-9  
Formation: LKC "K"  
Job Number: D403

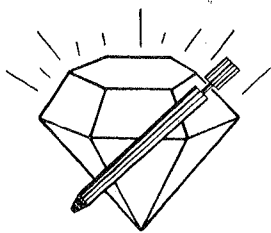
## BALL "A" #1-9





This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE         |                            |
|----------------------------------------|------------------|----------------------------|
|                                        | Field<br>Reading | Elec.<br>Office<br>Reading |
| (A) Initial Hydrostatic Mud .....      | 2078             | 2078                       |
| (B) First Initial Flow Pressure .....  | 36               | 36                         |
| (C) First Final Flow Pressure .....    | 209              | 209                        |
| (D) Initial Closed-in Pressure .....   | 1046             | 1046                       |
| (E) Second Initial Flow Pressure ..... | 220              | 220                        |
| (F) Second Final Flow Pressure .....   | 397              | 397                        |
| (G) Final Closed-in Pressure .....     | 1045             | 1045                       |
| (H) Final Hydrostatic Mud .....        | 2056             | 2056                       |



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STC 21083.D404

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Company Vess Oil Corporation Lease & Well No. Ball "A" No. 1-9

Elevation 2979KB Formation Marmaton/Cherokee Effective Pay -- Ft. Ticket No. J2207

Date 3-07-08 Sec. 9 Twp. 19S Range 31W County Scott State Kansas

Test Approved By Roger Martin Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,329 ft. to 4,568 ft. Total Depth 4,568 ft.

Packer Depth 4,324 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,329 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,332 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,565 ft. Recorder Number 11073 Cap. 4,000 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 9.2 Water Loss 8.8 cc. Drill Pipe Length 4,303 ft. I.D. 3 1/2 in.

Chlorides 3,100 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 239 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: Fair blow, slowly building throughout to 3 ins. No blow back during shut-in.

2nd Open: Weak blow, slowly building throughout to 2 ins. No blow back during shut-in.

Recovered 70 ft. of very slightly oil cut mud = .718200 bbls. (Grind out: 2%-oil; 98%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 4:00 ~~XXX~~ P.M. Time Started Off Bottom 7:00 ~~XXX~~ P.M. Maximum Temperature 122°

Initial Hydrostatic Pressure ..... (A) 2180 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 16 P.S.I. to (C) 28 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 999 P.S.I.

Final Flow Period ..... Minutes 45 (E) 30 P.S.I. to (F) 44 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 977 P.S.I.

Final Hydrostatic Pressure ..... (H) 2139 P.S.I.

## **GENERAL INFORMATION**

### **Client Information:**

Company: VESS OIL CORP

Contact: PAUL RAMONDETTA

Phone: Fax: e-mail:

### **Site Information:**

Contact: ROGER MARTIN

Phone: Fax: e-mail:

### **Well Information:**

Name: BALL "A" #1-9

Operator: VESS OIL CORP

Location-Downhole: DST #3 4329 TO 4568

Location-Surface: S9/19S/31W SCOTT COUNTY

### **Test Information:**

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL

Job Number: D404

Test Unit: 2

Start Date: 2008/03/07

Start Time: 14:05:00

End Date: 2008/03/07

End Time: 21:00:00

Report Date: 2008/03/07

Prepared By: JOHN RIEDL

### **Remarks:**

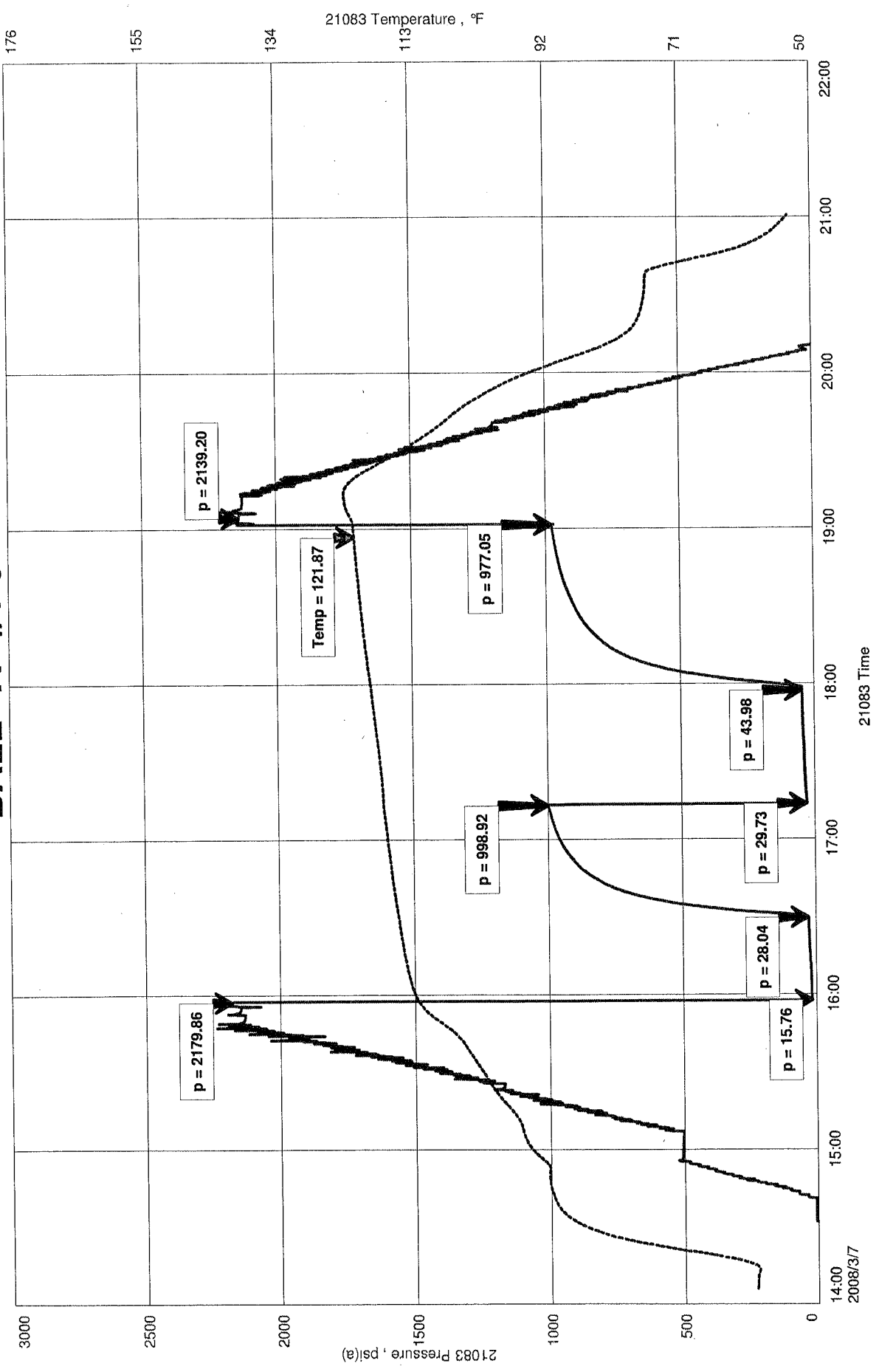
Qualified By: ROGER MARTIN

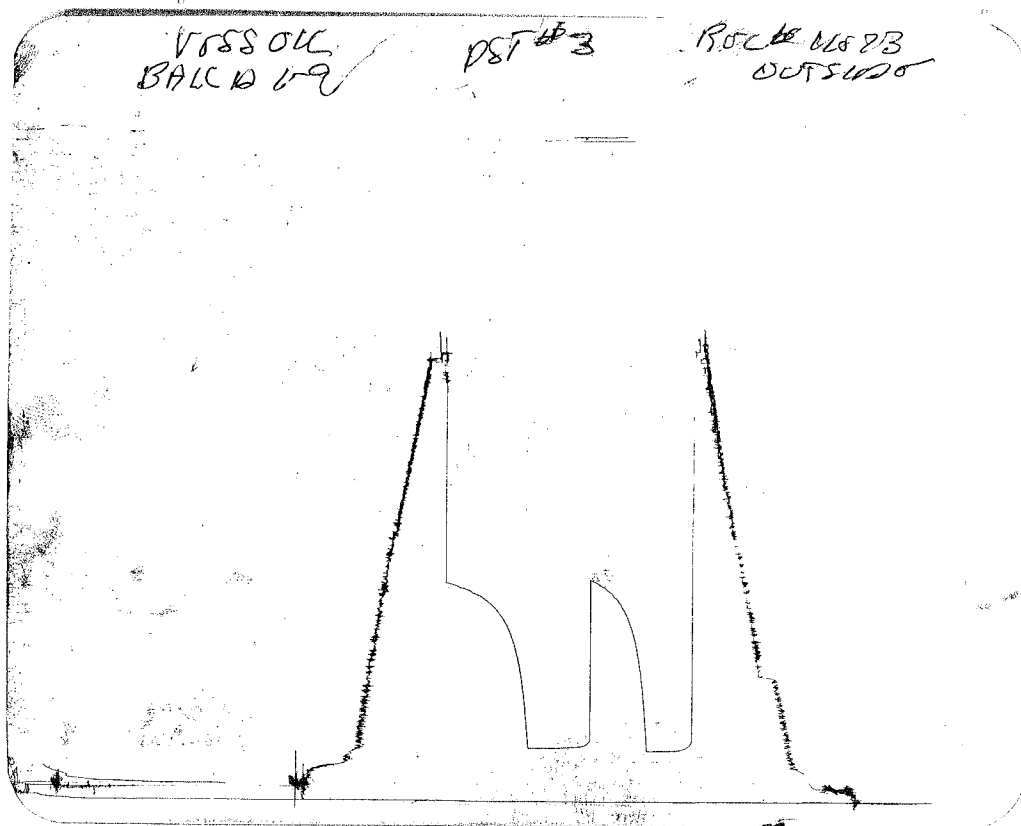
RECOVERY: 70' VERY SLIGHTLY OIL CUT MUD

VESS OIL CORP  
DST #3 4329 TO 4568  
Start Test Date: 2008/03/07  
Final Test Date: 2008/03/07

BALL "A" #1-9  
Formation: MARMATON, CHEROKEE  
Job Number: D404

# BALL "A" #1-9





This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE         |                            |
|----------------------------------------|------------------|----------------------------|
|                                        | Field<br>Reading | Elec.<br>Office<br>Reading |
| (A) Initial Hydrostatic Mud .....      | 2180             | 2180                       |
| (B) First Initial Flow Pressure.....   | 16               | 16                         |
| (C) First Final Flow Pressure .....    | 28               | 28                         |
| (D) Initial Closed-in Pressure .....   | 999              | 999                        |
| (E) Second Initial Flow Pressure ..... | 30               | 30                         |
| (F) Second Final Flow Pressure.....    | 44               | 44                         |
| (G) Final Closed-in Pressure .....     | 977              | 977                        |
| (H) Final Hydrostatic Mud .....        | 2139             | 2139                       |