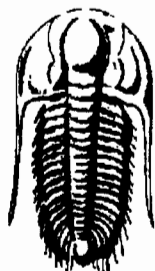


KGB ✓

15-067-23373



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

P.O.Box 195  
Attica Ks.67009

ATTN: Tim Pierce

**10-32s-10w Barber Ks**

**Dohm A#1**

Start Date: 2008.11.16 @ 11:51:36

End Date: 2008.11.16 @ 18:38:51

Job Ticket #: 33981      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

R&B Oil & Gas

Dohm A#1

10-32s-10w Barber Ks

DST # 1

Miss.

2008.11.16



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

R&B Oil & Gas

P.O.Box 195  
Attica Ks.67009

ATTN: Tim Pierce

**Dohm A#1**

**10-32s-10w Barber Ks**

Job Ticket: 33981

DST#: 1

Test Start: 2008.11.16 @ 11:51:36

### GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 13:34:06

Time Test Ended: 18:38:51

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4371.00 ft (KB) To 4389.00 ft (KB) (TVD)**

Total Depth: **4389.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1489.00 ft (KB)**

**1481.00 ft (CF)**

KB to GR/CF: **8.00 ft**

**Serial #: 8167**

**Inside**

Press@RunDepth: **21.18 psig @ 4372.00 ft (KB)**

Start Date: **2008.11.16**

End Date: **2008.11.16**

Start Time: **11:51:41**

End Time: **18:38:50**

Capacity: **7000.00 psig**

Last Calib.: **2008.11.16**

Time On Btm: **2008.11.16 @ 13:33:36**

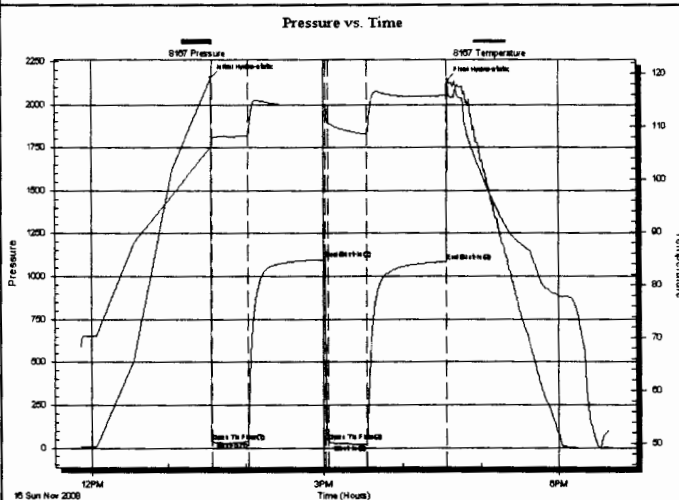
Time Off Btm: **2008.11.16 @ 16:34:20**

TEST COMMENT: IF: Strong blow . BOB in 2 secs. GTS in 11 mins. (see gas flow rpt)

IS: Fair to strong blow . BOB in 25 mins.

FF: Strong blow . (see gas flow rpt)

FS: Weak blow 1/2 - 1".



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2154.99         | 106.15       | Initial Hydro-static |
| 1           | 35.72           | 107.78       | Open To Flow (1)     |
| 29          | 35.33           | 108.24       | Shut-In (1)          |
| 88          | 1098.76         | 114.16       | End Shut-In (1)      |
| 91          | 37.87           | 110.62       | Open To Flow (2)     |
| 119         | 21.18           | 108.48       | Shut-In (2)          |
| 180         | 1085.40         | 115.84       | End Shut-In (2)      |
| 181         | 2138.51         | 119.17       | Final Hydro-static   |

### Recovery

| Length (ft) | Description        | Volume (bbl) |
|-------------|--------------------|--------------|
| 20.00       | Mud w/few o specs. | 0.28         |
|             |                    |              |
|             |                    |              |
|             |                    |              |
|             |                    |              |
|             |                    |              |

### Gas Rates

|                | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.25           | 5.00            | 30.78            |
| Last Gas Rate  | 0.38           | 4.00            | 67.40            |
| Max. Gas Rate  | 0.25           | 11.00           | 40.30            |



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

R&B Oil & Gas

**Dohm A#1**

P.O.Box 195  
Attica Ks. 67009

**10-32s-10w Barber Ks**

Job Ticket: 33981

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2008.11.16 @ 11:51:36

### Tool Information

|                           |                    |                         |                   |                                    |
|---------------------------|--------------------|-------------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 4378.00 ft | Diameter: 3.80 inches   | Volume: 61.41 bbl | Tool Weight: 2400.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches   | Volume: 0.00 bbl  | Weight set on Packer: 22000.00 lb  |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 0.00 inches   | Volume: 0.00 bbl  | Weight to Pull Loose: 55000.00 lb  |
|                           |                    | Total Volume: 61.41 bbl |                   | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 27.00 ft           |                         |                   | String Weight: Initial 52000.00 lb |
| Depth to Top Packer:      | 4371.00 ft         |                         |                   | Final 53000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                         |                   |                                    |
| Interval between Packers: | 18.00 ft           |                         |                   |                                    |
| Tool Length:              | 38.00 ft           |                         |                   |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches   |                   |                                    |

Tool Comments:

### Tool Description

| Tool Description          | Length (ft)  | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub           | 1.00         |            |          | 4352.00    |                               |
| Shut In Tool              | 5.00         |            |          | 4357.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 4362.00    |                               |
| Packer                    | 4.00         |            |          | 4366.00    | 20.00 Bottom Of Top Packer    |
| Packer                    | 5.00         |            |          | 4371.00    |                               |
| Stubb                     | 1.00         |            |          | 4372.00    |                               |
| Recorder                  | 0.00         | 8167       | Inside   | 4372.00    |                               |
| Recorder                  | 0.00         | 8370       | Inside   | 4372.00    |                               |
| Perforations              | 12.00        |            |          | 4384.00    |                               |
| Bullnose                  | 5.00         |            |          | 4389.00    | 18.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>38.00</b> |            |          |            |                               |



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

R&B Oil & Gas

**Dohm A#1**

P.O.Box 195  
Attica Ks.67009

**10-32s-10w Barber Ks**

Job Ticket: 33981

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2008.11.16 @ 11:51:36

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

5500 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description        | Volume<br>bbl |
|--------------|--------------------|---------------|
| 20.00        | Mud w/few o specs. | 0.281         |

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

R&B Oil & Gas

**Dohm A#1**

P.O.Box 195  
Attica Ks. 67009

**10-32s-10w Barber Ks**

Job Ticket: 33981

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2008.11.16 @ 11:51:36

### Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

| Flow Period | Elapsed Time | Choke<br>(mm) | Pressure<br>(kPaa) | Gas Rate<br>(m <sup>3</sup> /d) |
|-------------|--------------|---------------|--------------------|---------------------------------|
| 1           | 15           | 0.25          | 5.00               | 30.78                           |
| 1           | 15           | 0.25          | 5.00               | 30.78                           |
| 1           | 20           | 0.25          | 7.00               | 33.95                           |
| 1           | 30           | 0.25          | 11.00              | 40.30                           |
| 2           | 10           | 0.38          | 7.00               | 78.39                           |
| 2           | 20           | 0.38          | 4.00               | 67.40                           |

Serial #: 8167

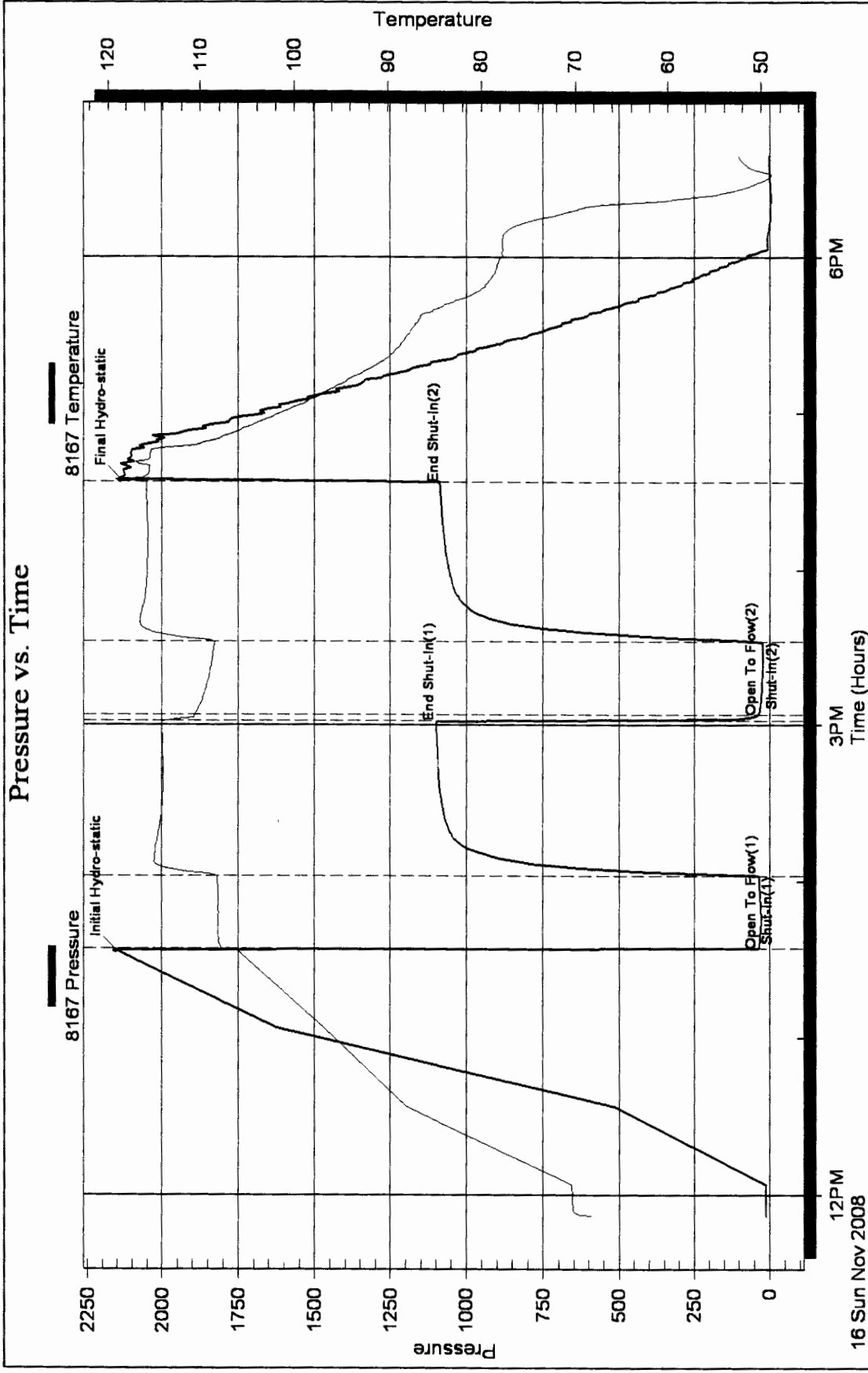
Inside

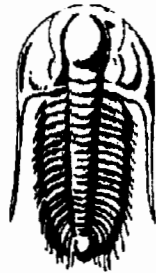
R&B Oil & Gas

10-32s-10w Barber Ks

DST Test Number: 1

# Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

P.O.Box 195  
Attica Ks.67009

ATTN: Tim Pierce

**10-32s-10w Barber Ks**

**Dohm A#1**

Start Date: 2008.11.17 @ 02:52:52

End Date: 2008.11.17 @ 10:50:22

Job Ticket #: 33982      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

R&B Oil & Gas

Dohm A#1

10-32s-10w Barber Ks

DST # 2

Miss.

2008.11.17



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

R&B Oil & Gas

P.O.Box 195  
Attica Ks.67009

ATTN: Tim Pierce

**Dohm A#1**

**10-32s-10w Barber Ks**

Job Ticket: 33982

**DST#: 2**

Test Start: 2008.11.17 @ 02:52:52

### GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:25:07

Time Test Ended: 10:50:22

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4399.00 ft (KB) To 4412.00 ft (KB) (TVD)**

Reference Elevations: 1489.00 ft (KB)

Total Depth: 4412.00 ft (KB) (TVD)

1481.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8167**

**Inside**

Press@RunDepth: 67.00 psig @ 4400.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.11.17

End Date:

2008.11.17

Last Calib.:

2008.11.17

Start Time: 02:52:57

End Time:

10:50:21

Time On Btm:

2008.11.17 @ 05:23:52

Time Off Btm:

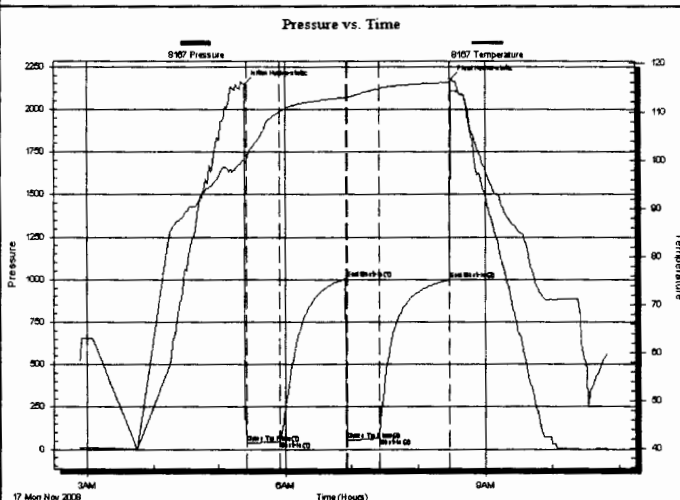
2008.11.17 @ 08:28:51

TEST COMMENT: IF: Strong blow . BOB in 30 secs.

ISI: Weak blow . 1/2 - 1".

FF: Strong blow . BOB in 2 - 3 secs.

FSI: Weak blow . 1/2 - 1".



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2146.39         | 100.10       | Initial Hydro-static |
| 2           | 35.99           | 100.10       | Open To Flow (1)     |
| 32          | 47.14           | 109.99       | Shut-In (1)          |
| 92          | 1004.21         | 112.97       | End Shut-In (1)      |
| 93          | 56.72           | 112.91       | Open To Flow (2)     |
| 121         | 67.00           | 114.78       | Shut-In (2)          |
| 185         | 998.09          | 116.06       | End Shut-In (2)      |
| 185         | 2176.34         | 116.45       | Final Hydro-static   |

### Recovery

| Length (ft) | Description                               | Volume (bbl) |
|-------------|-------------------------------------------|--------------|
| 62.00       | OCMW 10%o 17%w 73%w /Rw .09 ohms 0.87 deg |              |
| 73.00       | GOCWM 10%g 10%o 35%w 45%w                 | 1.02         |
| 0.00        | 2190 ft. of GIP                           | 0.00         |
|             |                                           |              |
|             |                                           |              |
|             |                                           |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
|----------------|-----------------|------------------|



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### TOOL DIAGRAM

R&B Oil & Gas

**Dohm A#1**

P.O.Box 195  
Attica Ks.67009

**10-32s-10w Barber Ks**

Job Ticket: 33982

**DST#: 2**

ATTN: Tim Pierce

Test Start: 2008.11.17 @ 02:52:52

### Tool Information

|                           |                    |                       |                                |                        |             |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe:               | Length: 4410.00 ft | Diameter: 3.80 inches | Volume: 61.86 bbl              | Tool Weight:           | 2400.00 lb  |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer:  | 22000.00 lb |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight to Pull Loose:  | 55000.00 lb |
|                           |                    |                       | <u>Total Volume: 61.86 bbl</u> | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 31.00 ft           |                       |                                | String Weight: Initial | 52000.00 lb |
| Depth to Top Packer:      | 4399.00 ft         |                       |                                | Final                  | 52000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                                |                        |             |
| Interval between Packers: | 13.00 ft           |                       |                                |                        |             |
| Tool Length:              | 33.00 ft           |                       |                                |                        |             |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                        |             |
| Tool Comments:            |                    |                       |                                |                        |             |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                           |              |      |        |         |                               |
|---------------------------|--------------|------|--------|---------|-------------------------------|
| Change Over Sub           | 1.00         |      |        | 4380.00 |                               |
| Shut In Tool              | 5.00         |      |        | 4385.00 |                               |
| Hydraulic tool            | 5.00         |      |        | 4390.00 |                               |
| Packer                    | 4.00         |      |        | 4394.00 | 20.00 Bottom Of Top Packer    |
| Packer                    | 5.00         |      |        | 4399.00 |                               |
| Stubb                     | 1.00         |      |        | 4400.00 |                               |
| Recorder                  | 0.00         | 8167 | Inside | 4400.00 |                               |
| Recorder                  | 0.00         | 8370 | Inside | 4400.00 |                               |
| Perforations              | 7.00         |      |        | 4407.00 |                               |
| Bullnose                  | 5.00         |      |        | 4412.00 | 13.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>33.00</b> |      |        |         |                               |



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

R&B Oil & Gas

Dohm A#1

P.O.Box 195  
Attica Ks.67009

10-32s-10w Barber Ks

Job Ticket: 33982

DST#: 2

ATTN: Tim Pierce

Test Start: 2008.11.17 @ 02:52:52

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 104000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

#### Recovery Table

| Length<br>ft | Description                          | Volume<br>bbl |
|--------------|--------------------------------------|---------------|
| 62.00        | OCMW 10%o 17%m 73%w /Rw .09 ohms @60 | 0.870         |
| 73.00        | GOCWM 10%g 10%o 35%w 45%m            | 1.024         |
| 0.00         | 2190 ft.of GIP                       | 0.000         |

Total Length: 135.00 ft

Total Volume: 1.894 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

