



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

O'Brien Resources, LLC

**#1 Jennison 36**

P.O. Box 6149

**36-16s-30w Lane KS**

Shrievport LA

Job Ticket: 43206

**DST#: 5**

71136

ATTN: Kim Schumaker

Test Start: 2011.09.15 @ 16:52:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:05:00

Time Test Ended: 00:43:15

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4488.00 ft (KB) To 4538.00 ft (KB) (TVD)**

Reference Elevations: 2852.00 ft (KB)

Total Depth: 4538.00 ft (KB) (TVD)

2845.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6669 Outside**

Press @ Run Depth: 93.41 psig @ 4533.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.15

End Date: 2011.09.16

Last Calib.: 2011.09.16

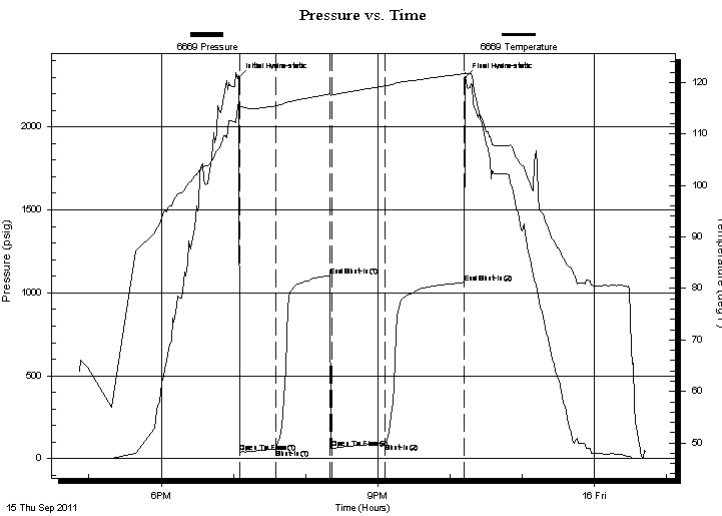
Start Time: 16:52:15

End Time: 00:43:15

Time On Btm: 2011.09.15 @ 19:04:45

Time Off Btm: 2011.09.15 @ 22:12:45

**TEST COMMENT:** IF: BOB in 9 min.  
IS: No return blow  
FF: BOB in 8 min.  
FS: No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2299.09         | 115.95       | Initial Hydro-static |
| 1           | 38.03           | 115.60       | Open To Flow (1)     |
| 31          | 58.62           | 115.48       | Shut-In(1)           |
| 76          | 1103.49         | 117.78       | End Shut-In(1)       |
| 77          | 62.54           | 117.53       | Open To Flow (2)     |
| 122         | 93.41           | 119.33       | Shut-In(2)           |
| 187         | 1062.51         | 121.71       | End Shut-In(2)       |
| 188         | 2295.77         | 121.68       | Final Hydro-static   |

## Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 0.00        | GIP= 124            | 0.00         |
| 30.00       | mco 40%m 60%o       | 0.42         |
| 62.00       | gcmo 20%g 30 m 50%o | 0.87         |
| 62.00       | gcmo 10%g 15%m 75%o | 0.87         |
|             |                     |              |
|             |                     |              |

## Gas Rates

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



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**FLUID SUMMARY**

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**#1 Jennison 36**

P.O. Box 6149  
Shrievport LA  
71136

**36-16s-30w Lane KS**

Job Ticket: 43206

**DST#: 5**

ATTN: Kim Schumaker

Test Start: 2011.09.15 @ 16:52:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbf |
|--------------|---------------------|---------------|
| 0.00         | GIP= 124            | 0.000         |
| 30.00        | mco 40%m 60%o       | 0.421         |
| 62.00        | gcmo 20%g 30 m 50%o | 0.870         |
| 62.00        | gcmo 10%g 15%m 75%o | 0.870         |

Total Length: 154.00 ft

Total Volume: 2.161 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

