



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Russell Oil Inc

**Addington #1-1**

P O Box 8050  
Edmond OK 73083

**1-16s-15w Barton**

ATTN: Leroy Holt II

Job Ticket: 43431

**DST#: 6**

Test Start: 2011.07.23 @ 02:45:32

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:22:57

Time Test Ended: 09:54:56

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3396.00 ft (KB) To 3485.00 ft (KB) (TVD)**

Reference Elevations: 1945.00 ft (KB)

Total Depth: 3485.00 ft (KB) (TVD)

1938.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 893.18 psig @ 3400.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.23

End Date:

2011.07.23

Last Calib.:

2011.07.23

Start Time: 02:45:32

End Time:

09:54:56

Time On Btm:

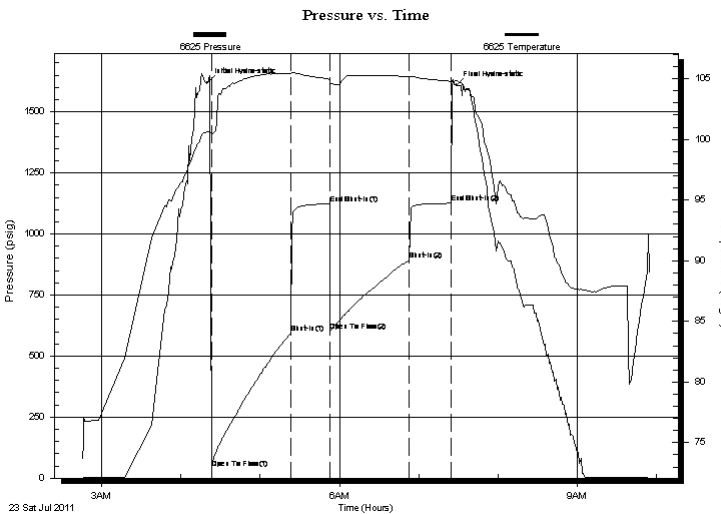
2011.07.23 @ 04:19:57

Time Off Btm:

2011.07.23 @ 07:28:26

**TEST COMMENT:** 60-IFP-strg bl in 4min  
30-ISIP-no bl  
60-FFP-strg bl in 5 min  
30-FSIP-no bl

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1619.30         | 100.59       | Initial Hydro-static |
| 3           | 38.15           | 100.43       | Open To Flow (1)     |
| 64          | 595.11          | 105.40       | Shut-In(1)           |
| 93          | 1123.83         | 104.96       | End Shut-In(1)       |
| 93          | 601.70          | 104.77       | Open To Flow (2)     |
| 153         | 893.18          | 105.17       | Shut-In(2)           |
| 185         | 1125.61         | 104.78       | End Shut-In(2)       |
| 189         | 1609.14         | 104.83       | Final Hydro-static   |

## Recovery

| Length (ft) | Description               | Volume (bbl) |
|-------------|---------------------------|--------------|
| 310.00      | MW 20%M80%W w/show of oil | 3.26         |
| 1620.00     | Water                     | 22.72        |
|             |                           |              |
|             |                           |              |
|             |                           |              |

## Gas Rates

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



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**FLUID SUMMARY**

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## 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:

24000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description               | Volume<br>bbl |
|--------------|---------------------------|---------------|
| 310.00       | MW 20%M80%W w/show of oil | 3.255         |
| 1620.00      | Water                     | 22.724        |

Total Length: 1930.00 ft      Total Volume: 25.979 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .28@75F

### Pressure vs. Time

