



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Russell Oil, Inc.  
 PO Box 8050  
 Edmond, OK 73083  
 ATTN: Kitt Noah

**28-15s-34w-Logan/KS**

**Deanna 'E' #1-28**

Job Ticket: 45078

**DST#: 7**

Test Start: 2012.02.22 @ 17:09:00

## GENERAL INFORMATION:

Formation: **Lower Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:03:20  
 Time Test Ended: 22:29:50  
 Interval: **4563.00 ft (KB) To 4592.00 ft (KB) (TVD)**  
 Total Depth: 4592.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Smith  
 Unit No: 37  
 Reference Elevations: 3050.00 ft (KB)  
 3040.00 ft (CF)  
 KB to GR/CF: 10.00 ft

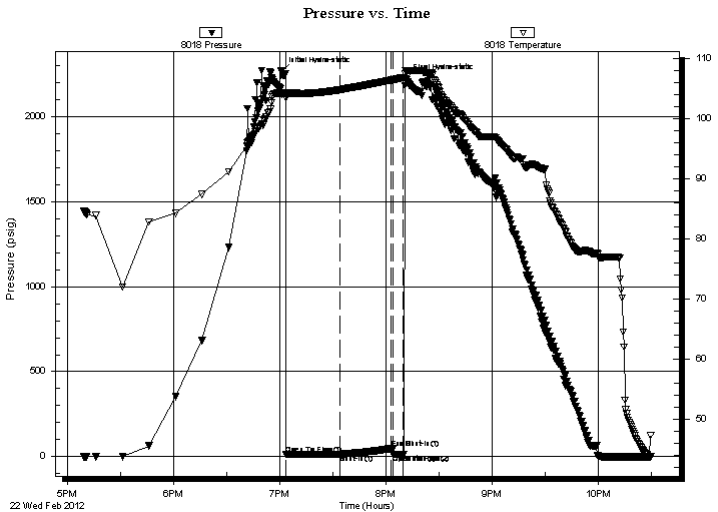
## Serial #: 8018

Inside

Press @ Run Depth: 14.14 psig @ 4566.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.02.22 End Date: 2012.02.22 Last Calib.: 2012.02.22  
 Start Time: 17:09:02 End Time: 22:29:50 Time On Btm: 2012.02.22 @ 19:01:10  
 Time Off Btm: 2012.02.22 @ 20:11:20

TEST COMMENT: Weak surface blow died @ 13 min.  
 No return.  
 No blow.  
 N/A

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.96	104.16	Initial Hydro-static
3	12.43	103.50	Open To Flow (1)
33	14.14	104.88	Shut-In(1)
62	47.32	106.49	End Shut-In(1)
63	14.15	106.52	Open To Flow (2)
69	14.68	106.91	Shut-In(2)
71	2226.20	107.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 100m	0.02

## Gas Rates

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

\* Recovery from multiple tests



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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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM 100m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

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