



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Russell Oil, Inc

**5 11s 34w Logan, KS**

P.O. Box 8050  
Edmond, Ok 73083

**James D 1-5**

Job Ticket: 44488

**DST#: 4**

ATTN: Steve Angle

Test Start: 2011.10.01 @ 19:36:00

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:40:45

Time Test Ended: 05:08:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

**Interval: 4671.00 ft (KB) To 4678.00 ft (KB) (TVD)**

Reference Elevations: 3260.00 ft (KB)

Total Depth: 4748.00 ft (KB) (TVD)

3249.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8652**

**Inside**

Press @ Run Depth: 532.65 psig @ 4672.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.01

End Date:

2011.10.02

Last Calib.: 2011.10.02

Start Time: 19:36:05

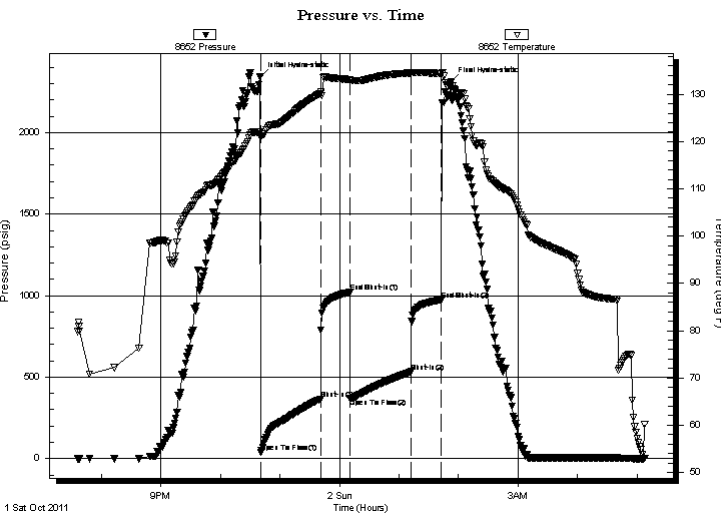
End Time:

05:08:15

Time On Btm: 2011.10.01 @ 22:40:30

Time Off Btm: 2011.10.02 @ 01:52:15

**TEST COMMENT:** IF: BOB @ 9 minutes.  
IS: No return.  
FF: BOB @ 13 minutes.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2341.46	122.12	Initial Hydro-static
1	38.54	120.77	Open To Flow (1)
61	366.22	130.19	Shut-In(1)
90	1019.66	133.09	End Shut-In(1)
91	369.75	132.90	Open To Flow (2)
152	532.65	134.51	Shut-In(2)
182	972.88	134.33	End Shut-In(2)
192	2311.22	131.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
740.00	mcw 5m 95w	7.64
445.00	ow cm 1o 9m 90w	6.24
5.00	oil 100o	0.07

\* Recovery from multiple tests

## Gas Rates

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



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## 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:

54000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
740.00	mcw 5m 95w	7.638
445.00	ow cm 1o 9m 90w	6.242
5.00	oil 100o	0.070

Total Length: 1190.00 ft      Total Volume: 13.950 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .170 @ 55f = 54000ppm

# Pressure vs. Time

