



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Russell Oil  
 PO Box 8050  
 Edmond, Ok 73083  
 ATTN: Kitt Noah

**31-15-14 Russell, Ks**  
**Betty Radke "A" 1R**  
 Job Ticket: 47133 **DST#: 4**  
 Test Start: 2012.05.28 @ 13:09:43

## GENERAL INFORMATION:

Formation: **LKC "E-F"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:40:13  
 Time Test Ended: 18:00:13  
**Interval: 3182.00 ft (KB) To 3212.00 ft (KB) (TVD)**  
 Total Depth: 3212.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 1916.00 ft (KB)  
 1907.00 ft (CF)  
 KB to GR/CF: 9.00 ft

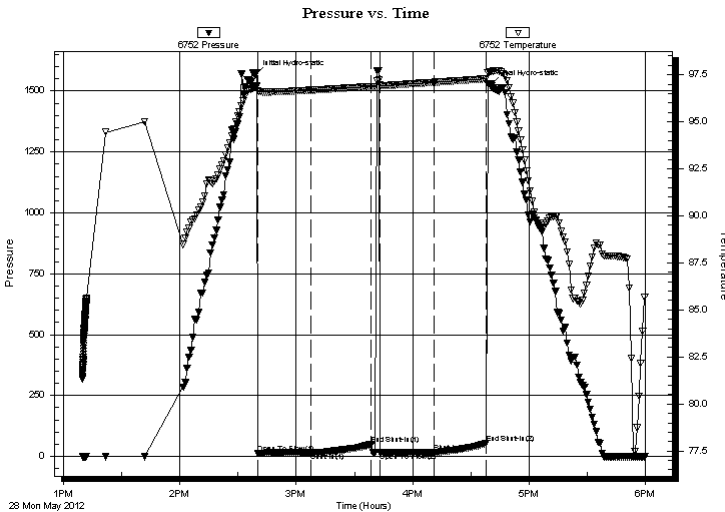
## Serial #: 6752

Inside

Press @ Run Depth: 16.67 psig @ 3189.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.05.28 End Date: 2012.05.28 Last Calib.: 2012.05.28  
 Start Time: 13:09:44 End Time: 18:00:13 Time On Btm: 2012.05.28 @ 14:39:13  
 Time Off Btm: 2012.05.28 @ 16:40:13

TEST COMMENT: IFP - no blow  
 ISI - no blow back  
 FFP - no blow - flush - no blow  
 FSI - no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1566.88	96.89	Initial Hydro-static
1	13.06	96.66	Open To Flow (1)
29	14.80	96.68	Shut-In(1)
60	49.23	96.88	End Shut-In(1)
64	15.52	96.97	Open To Flow (2)
92	16.67	97.10	Shut-In(2)
119	53.43	97.29	End Shut-In(2)
121	1525.15	97.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	drl mud 100%	0.01

\* Recovery from multiple tests

## 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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	drl mud 100%	0.014

Total Length: 1.00 ft      Total Volume: 0.014 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time

