



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Russell Oil Co.

**Anderson 1-31**

POB 3050  
Edmond, OK 73083

**S31-10s-34w Thomas, KS**

ATTN: Steve Murphy

Job Ticket: 43122

**DST#: 2**

Test Start: 2011.05.07 @ 14:15:00

## GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:59:10

Time Test Ended: 20:21:39

Test Type: Conventional Bottom Hole

Tester: Kevin Mack

Unit No: 37

**Interval: 4340.00 ft (KB) To 4360.00 ft (KB) (TVD)**

Reference Elevations: 3296.00 ft (KB)

Total Depth: 4360.00 ft (KB) (TVD)

3286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6751**

**Outside**

Press @ Run Depth: 18.07 psig @ 4342.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.07

End Date:

2011.05.07

Last Calib.:

2011.05.07

Start Time: 14:15:05

End Time:

20:21:39

Time On Btm:

2011.05.07 @ 16:56:40

Time Off Btm:

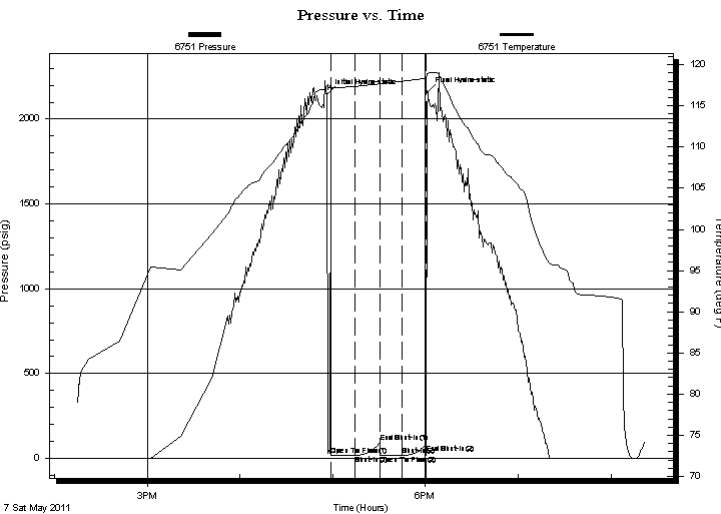
2011.05.07 @ 18:01:30

**TEST COMMENT:** IF: Weak surface blow at tool opening then died

IS: No return

FF: No blow

FS: No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.84	117.56	Initial Hydro-static
3	16.25	116.57	Open To Flow (1)
18	17.92	117.38	Shut-In(1)
34	97.97	117.71	End Shut-In(1)
34	16.72	117.66	Open To Flow (2)
49	18.07	118.00	Shut-In(2)
64	85.00	118.37	End Shut-In(2)
65	2160.26	118.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM (oil spots) 100M	0.02

## 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM (oil spots) 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:

