



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

14-15s-14w-Russell Co.
Addington 'A' #3-14
Job Ticket: 58940 **DST#: 2**
Test Start: 2014.06.01 @ 20:07:39

GENERAL INFORMATION:

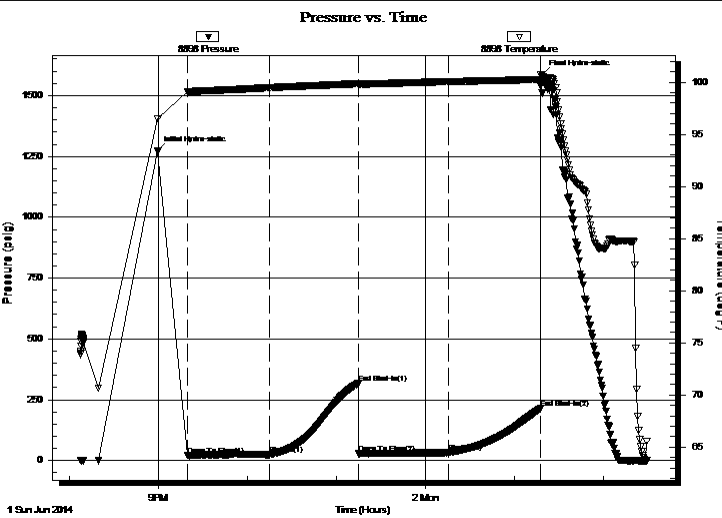
Formation: **LKC B&C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:19:59
 Time Test Ended: 02:29:39
 Interval: **3086.00 ft (KB) To 3117.00 ft (KB) (TVD)**
 Total Depth: 3117.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 49
 Reference Elevations: 1894.00 ft (KB)
 1885.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8898

Outside

Press @ Run Depth: 32.71 psig @ 3094.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.01 End Date: 2014.06.02 Last Calib.: 2014.06.02
 Start Time: 20:07:40 End Time: 02:29:39 Time On Btm: 2014.06.01 @ 20:59:39
 Time Off Btm: 2014.06.02 @ 01:18:48

TEST COMMENT: Weak surface blow built to 1 in
 Dead no blow back
 Weak surface blow built to 3/4 in
 Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1271.09	96.51	Initial Hydro-static
21	20.50	99.07	Open To Flow (1)
76	24.31	99.47	Shut-In(1)
136	316.34	99.85	End Shut-In(1)
136	29.29	99.78	Open To Flow (2)
197	32.71	100.05	Shut-In(2)
258	213.44	100.26	End Shut-In(2)
260	1586.86	100.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M With oil spots	0.42

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: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

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
30.00	100%M With oil spots	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

