



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

27 15s 35w Logan, Ks
Ken Baker #27-1
 Job Ticket: 48759 **DST#: 3**
 Test Start: 2013.06.28 @ 03:50:00

GENERAL INFORMATION:

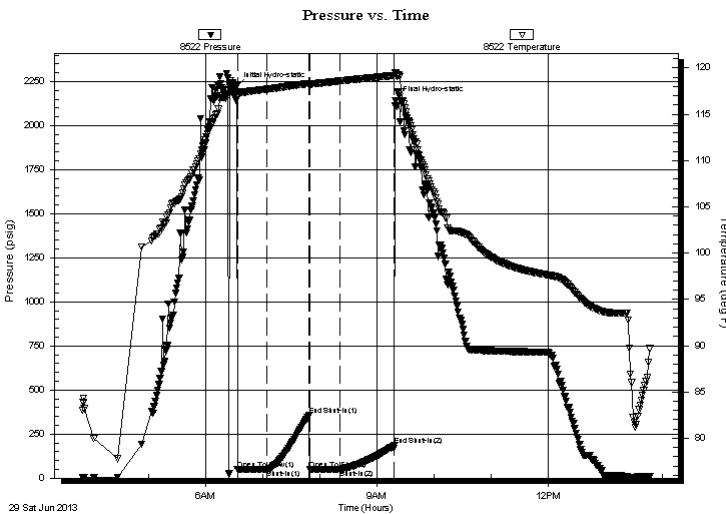
Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:32:45
 Time Test Ended: 13:47:30
 Interval: **4560.00 ft (KB) To 4592.00 ft (KB) (TVD)**
 Total Depth: 4592.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 3112.00 ft (KB)
 3102.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 51.32 psig @ 4561.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.29 End Date: 2013.06.29 Last Calib.: 2013.06.29
 Start Time: 03:50:05 End Time: 13:47:30 Time On Btm: 2013.06.29 @ 06:32:30
 Time Off Btm: 2013.06.29 @ 09:19:15

TEST COMMENT: IF: Surface blow , died @ 10 min.
 IS: No return.
 FF: No blow , Pushed tool, No help.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.86	118.08	Initial Hydro-static
1	49.18	117.17	Open To Flow (1)
32	50.01	117.71	Shut-In(1)
76	357.52	118.33	End Shut-In(1)
77	50.45	118.25	Open To Flow (2)
109	51.32	118.60	Shut-In(2)
165	184.40	119.19	End Shut-In(2)
167	2143.34	119.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	mud 100m (oil specs on top)	0.25

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

27 15s 35w Logan, Ks
Ken Baker #27-1
Job Ticket: 48759 **DST#: 3**
Test Start: 2013.06.28 @ 03:50:00

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: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	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
50.00	mud 100m (oil specs on top)	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

