



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: 48757 **DST#: 2**
 Test Start: 2013.06.28 @ 00:53:00

GENERAL INFORMATION:

Formation: **Myric Station**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 03:43:00
 Tester: Bradley Walter
 Time Test Ended: 10:26:30
 Unit No: 53
 Interval: **4454.00 ft (KB) To 4476.00 ft (KB) (TVD)**
 Reference Elevations: 3112.00 ft (KB)
 Total Depth: 4476.00 ft (KB) (TVD) 3102.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

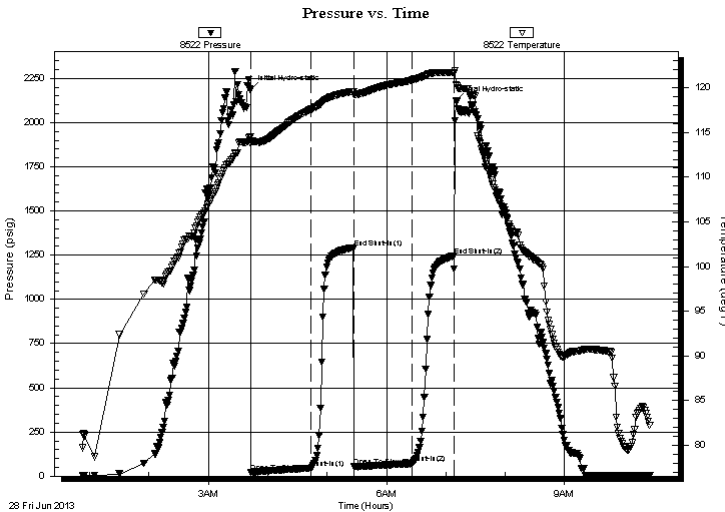
Serial #: 8522

Outside

Press @ RunDepth: 70.98 psig @ 4455.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.28 End Date: 2013.06.28 Last Calib.: 2013.06.28
 Start Time: 00:53:05 End Time: 10:26:30 Time On Btm: 2013.06.28 @ 03:42:45
 Time Off Btm: 2013.06.28 @ 07:10:30

TEST COMMENT: IF: 3/4" blow.
 IS: No return.
 FF: Surface blow.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.29	114.56	Initial Hydro-static
1	22.02	113.77	Open To Flow (1)
62	46.21	117.59	Shut-In(1)
104	1293.38	119.59	End Shut-In(1)
105	54.63	119.23	Open To Flow (2)
164	70.98	120.87	Shut-In(2)
206	1245.81	121.68	End Shut-In(2)
208	2125.81	120.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	mcw 50m 50w (oil spots)	0.49
15.00	oil 100o	0.07

* 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: 19 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 22000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 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
100.00	mcw 50m 50w (oil spots)	0.492
15.00	oil 100o	0.074

Total Length: 115.00 ft Total Volume: 0.566 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw is .285 @ 75 = 22,000ppm

Pressure vs. Time

