



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 POB 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

S35-10s-34w Thomas, KS
Hazel Russell #1-35
 Job Ticket: 50062 **DST#: 3**
 Test Start: 2012.08.27 @ 02:00:00

GENERAL INFORMATION:

Formation: **Pawnee - Myric Stati**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:33:10
 Time Test Ended: 09:13:39
 Interval: **4568.00 ft (KB) To 4630.00 ft (KB) (TVD)**
 Total Depth: 4630.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 3240.00 ft (KB)
 3229.00 ft (CF)
 KB to GR/CF: 11.00 ft

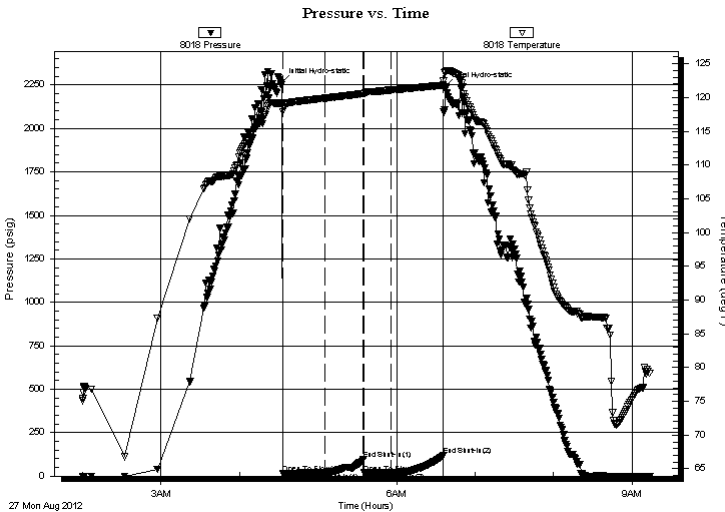
Serial #: 8018

Inside

Press @ Run Depth: 19.68 psig @ 4572.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.27 End Date: 2012.08.27 Last Calib.: 2012.08.27
 Start Time: 02:00:02 End Time: 09:13:40 Time On Btm: 2012.08.27 @ 04:32:10
 Time Off Btm: 2012.08.27 @ 06:37:09

TEST COMMENT: Surface blow died @ 30 seconds.
 No return.
 No blow.
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.12	119.15	Initial Hydro-static
1	16.45	117.86	Open To Flow (1)
33	19.04	119.88	Shut-In(1)
63	95.73	120.58	End Shut-In(1)
63	19.18	120.53	Open To Flow (2)
84	19.68	121.10	Shut-In(2)
124	117.50	121.82	End Shut-In(2)
125	2239.06	123.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M100m	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Edmond, OK 73083

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DST#: 3

ATTN: Kitt Noah

Test Start: 2012.08.27 @ 02:00:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 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 bbbl
5.00	M 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:

