



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc
 PO Box 8050
 Edmund, OK. 73083
 ATTN: Kitt Noah

32-15s-14w-Russell
Keil A #3-32
 Job Ticket: 47276 **DST#: 2**
 Test Start: 2012.04.24 @ 16:19:46

GENERAL INFORMATION:

Formation: **E-F**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 17:59:31
 Time Test Ended: 22:26:01
 Interval: **3206.00 ft (KB) To 3238.00 ft (KB) (TVD)**
 Total Depth: 3238.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1929.00 ft (KB)
 1921.00 ft (CF)
 KB to GR/CF: 8.00 ft

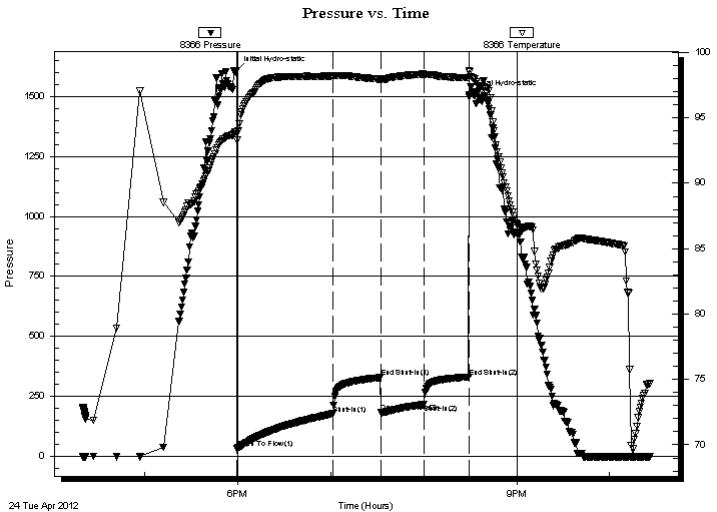
Serial #: 8366

Inside

Press @ Run Depth: 217.65 psig @ 3210.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.24 End Date: 2012.04.24 Last Calib.: 2012.04.24
 Start Time: 16:19:48 End Time: 22:26:01 Time On Btm: 2012.04.24 @ 17:59:16
 Time Off Btm: 2012.04.24 @ 20:29:16

TEST COMMENT: IFP-Strong, BOB in 2-1/2 Min., Weaker at End
 ISI-Dead
 FFP-Fair Blow, Built to 10"
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.49	93.95	Initial Hydro-static
1	32.09	93.29	Open To Flow (1)
62	177.59	98.19	Shut-In(1)
93	328.41	97.96	End Shut-In(1)
93	182.37	97.85	Open To Flow (2)
121	217.65	98.33	Shut-In(2)
150	330.52	98.07	End Shut-In(2)
150	1508.43	98.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Muddy Water-95%W-5%M	5.89
0.00	480' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Kitt Noah

Test Start: 2012.04.24 @ 16:19:46

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:

47000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	Muddy Water-95%W-5%M	5.891
0.00	480' Gas In Pipe	0.000

Total Length: 420.00 ft

Total Volume: 5.891 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

