



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Hutchinson Oil
 Po Box 521
 Derby KS 67037
 ATTN: Steve Hutchinson/ Je

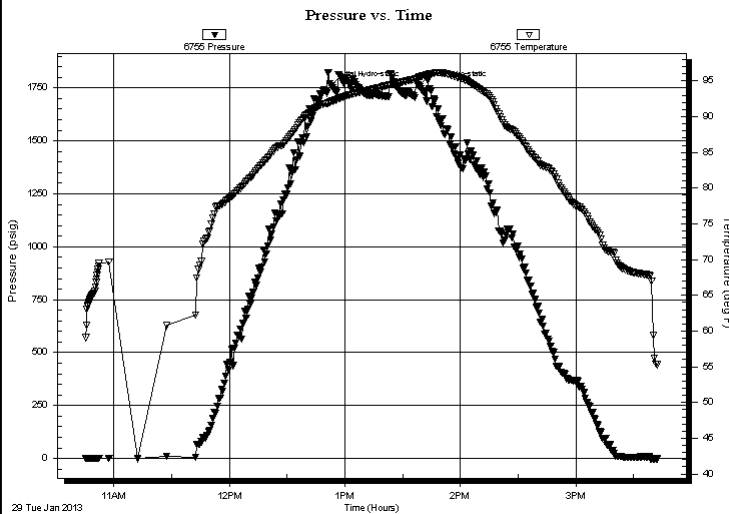
20-22-11 Stafford Co
V&V #1
 Job Ticket: 50928 **DST#: 4**
 Test Start: 2013.01.29 @ 10:45:27

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 15:42:42
 Interval: **3617.00 ft (KB) To 3627.00 ft (KB) (TVD)**
 Total Depth: 3627.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 1838.00 ft (KB)
 1829.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6755 Inside
 Press @ Run Depth: psig @ 3618.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.29 End Date: 2013.01.29 Last Calib.: 2013.01.29
 Start Time: 10:45:32 End Time: 15:42:41 Time On Btm: 2013.01.29 @ 12:52:57
 Time Off Btm: 2013.01.29 @ 13:38:27

TEST COMMENT: MISS RUN Hydraulic tool did not open



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.94	92.09	Initial Hydro-static
46	1759.00	95.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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V&V #1

Job Ticket: 50928

DST#: 4

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.29 @ 10:45:27

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6755

Inside Hutchinson Oil

V&V #1

DST Test Number: 4

