



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
 PO 20380  
 Wichita, KS. 67208  
 ATTN: Bryan Bynog

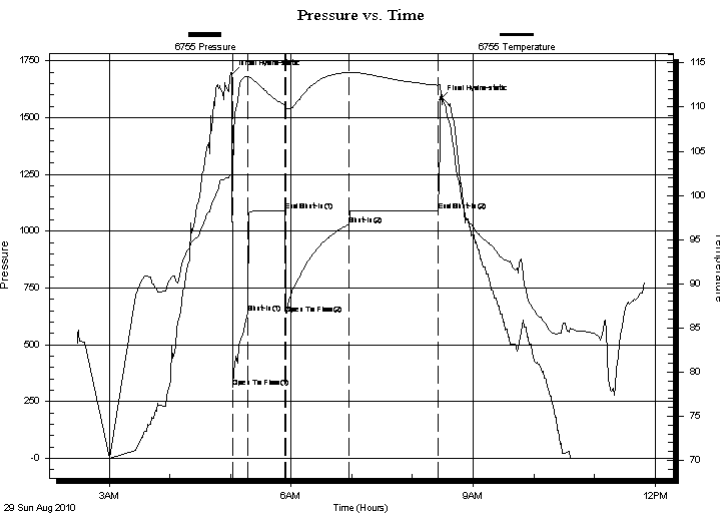
**Henderson A4**  
**22-11s-18w-Ellis**  
 Job Ticket: 39045 **DST#: 5**  
 Test Start: 2010.08.29 @ 02:28:52

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:02:07  
 Time Test Ended: 11:49:52  
 Interval: **3392.00 ft (KB) To 3480.00 ft (KB) (TVD)**  
 Total Depth: 3480.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 1947.00 ft (KB)  
 1936.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6755 Inside**  
 Press @ Run Depth: 1028.73 psig @ 3457.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.29 End Date: 2010.08.29 Last Calib.: 2010.08.29  
 Start Time: 02:28:54 End Time: 11:49:52 Time On Btm: 2010.08.29 @ 05:01:22  
 Time Off Btm: 2010.08.29 @ 08:27:22

**TEST COMMENT:** IFP-Strong, BOB in 30 Seconds  
 ISI-Dead  
 FFP-Strong, BOB in 1-1/2 Min.  
 FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.97	102.41	Initial Hydro-static
1	315.07	102.16	Open To Flow (1)
16	639.67	113.40	Shut-In(1)
53	1091.34	110.20	End Shut-In(1)
54	637.69	109.97	Open To Flow (2)
116	1028.73	113.89	Shut-In(2)
204	1091.31	112.47	End Shut-In(2)
206	1578.53	112.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	MCO-60%O-40%M	1.18
2100.00	Clean Oil	27.95

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 39045

**DST#: 5**

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### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.09 in<sup>3</sup>

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
240.00	MCO-60%O-40%M	1.180
2100.00	Clean Oil	27.945

Total Length: 2340.00 ft      Total Volume: 29.125 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

