



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Carmen Schmitt, Inc  
 PO Box 47  
 Great Bend, KS 67530  
 ATTN: Bob Schreiber

**Schaffer #3**  
**36-16s-15w Barton KS**  
 Job Ticket: 36094 **DST#: 1**  
 Test Start: 2009.02.21 @ 18:22:43

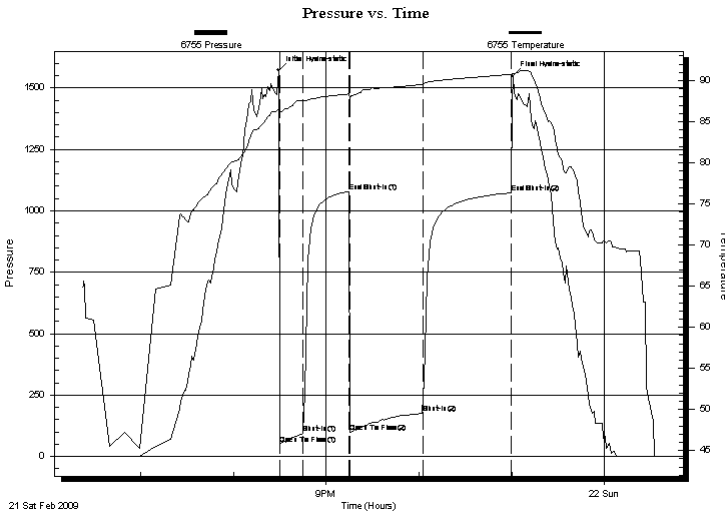
## GENERAL INFORMATION:

Formation: **Topeka**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:29:43  
 Time Test Ended: 00:32:43  
 Interval: **3094.00 ft (KB) To 3174.00 ft (KB) (TVD)**  
 Total Depth: 3174.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 1997.00 ft (KB)  
 1992.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6755 Inside**  
 Press @ Run Depth: 174.76 psig @ 3098.00 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2009.02.21 End Date: 2009.02.22 Last Calib.: 2009.02.22  
 Start Time: 18:22:45 End Time: 00:32:43 Time On Btm: 2009.02.21 @ 20:29:13  
 Time Off Btm: 2009.02.21 @ 23:00:43

**TEST COMMENT:** IFP-Fair Blow ,Built to 7"  
 ISI-Dead  
 FFP-Good Blow ,BOB in 34 Min.  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.77	86.46	Initial Hydro-static
1	48.31	85.53	Open To Flow (1)
16	94.13	87.57	Shut-In(1)
46	1078.81	88.39	End Shut-In(1)
46	98.91	87.86	Open To Flow (2)
93	174.76	89.55	Shut-In(2)
151	1072.81	90.77	End Shut-In(2)
152	1548.92	90.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
275.00	Watery Mud	1.62

## 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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	95000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 0.06 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
275.00	Watery Mud	1.617

Total Length: 275.00 ft      Total Volume: 1.617 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW .253 @ 23F 95000

