



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
 PO Box 20380  
 Wichita, KS. 67208  
 ATTN: Ed Grieves

**Shiela #1**  
**17-23s-21w-Hodgeman**  
 Job Ticket: 39013 **DST#: 2**  
 Test Start: 2010.10.02 @ 01:38:00

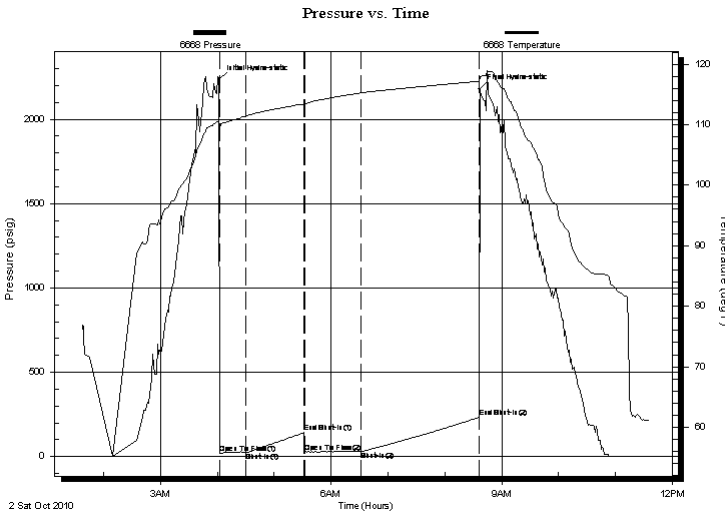
## GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:02:15  
 Time Test Ended: 11:36:30  
 Interval: **4542.00 ft (KB) To 4620.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 2378.00 ft (KB)  
 2365.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 6668 Inside**  
 Press @ Run Depth: 28.66 psig @ 4610.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.10.02 End Date: 2010.10.02 Last Calib.: 2010.10.02  
 Start Time: 01:38:02 End Time: 11:36:30 Time On Btm: 2010.10.02 @ 04:02:00  
 Time Off Btm: 2010.10.02 @ 08:37:00

**TEST COMMENT:** IFP-Weak Surface Blow  
 ISI-Dead  
 FFP-Weak Blow ,Built to 2-1/2"  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.60	110.64	Initial Hydro-static
1	19.91	109.34	Open To Flow (1)
28	27.16	111.43	Shut-In(1)
90	143.65	113.44	End Shut-In(1)
91	24.83	113.48	Open To Flow (2)
150	28.66	115.24	Shut-In(2)
274	233.38	117.17	End Shut-In(2)
275	2180.93	117.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	V SOCM-1%O-99%M	0.15

## 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:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	VSOCM-1%O-99%M	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

