



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
 2020 N Bramblewood  
 Wichita KS 67206-1094  
 ATTN: David Gould

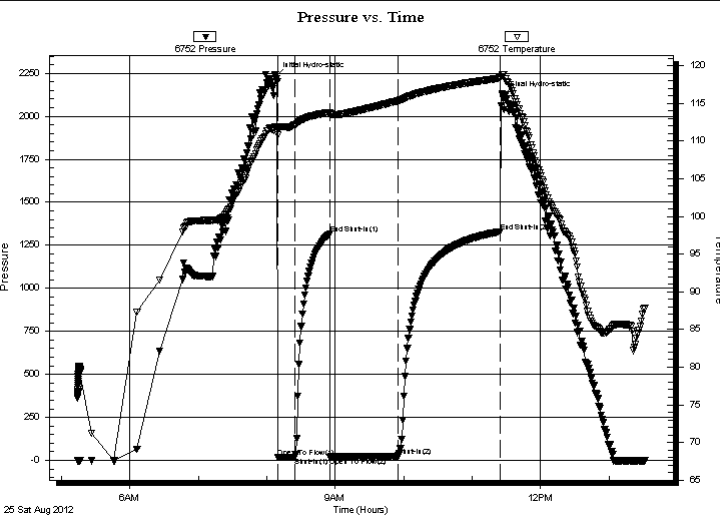
**29-22-22 Hodgeman, Ks**  
**Kay 1**  
 Job Ticket: 49300      **DST#: 6**  
 Test Start: 2012.08.25 @ 05:14:13

## GENERAL INFORMATION:

Formation: **MISS**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 08:09:43  
 Tester: Brian Fairbank  
 Time Test Ended: 13:31:13  
 Unit No: 41  
 Interval: **4543.00 ft (KB) To 4562.00 ft (KB) (TVD)**  
 Reference Elevations: 2319.00 ft (KB)  
 Total Depth: 4562.00 ft (KB) (TVD)  
 2306.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 13.00 ft

**Serial #: 6752      Inside**  
 Press @ Run Depth: 25.21 psig @ 4544.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.08.25      End Date: 2012.08.25      Last Calib.: 2012.08.25  
 Start Time: 05:14:14      End Time: 13:31:13      Time On Btm: 2012.08.25 @ 08:07:43  
 Time Off Btm: 2012.08.25 @ 11:26:43

**TEST COMMENT:** IFP - weak blow throughout sur - 1/4"  
 ISI - no blow back  
 FFP - no blow  
 FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.02	111.90	Initial Hydro-static
2	17.26	110.81	Open To Flow (1)
17	18.90	112.11	Shut-In(1)
48	1316.77	113.82	End Shut-In(1)
48	20.04	113.56	Open To Flow (2)
107	25.21	115.32	Shut-In(2)
197	1329.40	118.35	End Shut-In(2)
199	2117.82	118.75	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	DRL MUD 100%	0.42
5.00	SOCM 5%O, 95%M	0.07

\* Recovery from multiple tests

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DRL MUD 100%	0.421
5.00	SOCM 5%O, 95%M	0.070

Total Length: 35.00 ft      Total Volume: 0.491 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

