



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mull Drilling Company  
 1700 N Waterfront Pkwy  
 Wichita, KS 67206  
 ATTN: Larry Friend

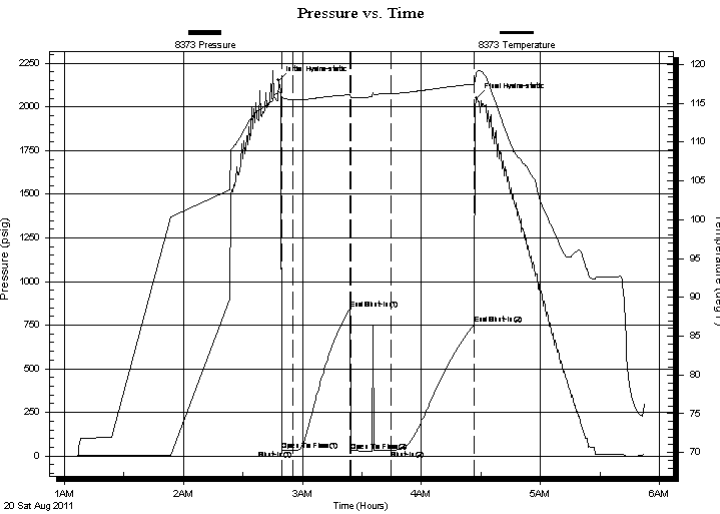
**Bernbeck 1-20**  
**20-15-23 Trego**  
 Job Ticket: 43682 **DST#: 1**  
 Test Start: 2011.08.20 @ 01:06:35

## GENERAL INFORMATION:

Formation: **Ft. Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:49:30  
 Time Test Ended: 05:52:29  
 Interval: **4233.00 ft (KB) To 4280.00 ft (KB) (TVD)**  
 Total Depth: 4280.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brandon Turley  
 Unit No: 35  
 Reference Elevations: 2384.00 ft (KB)  
 2379.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8373 Inside**  
 Press @ Run Depth: 31.27 psig @ 4234.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.08.20 End Date: 2011.08.20 Last Calib.: 2011.08.20  
 Start Time: 01:06:35 End Time: 05:52:29 Time On Btm: 2011.08.20 @ 02:48:00  
 Time Off Btm: 2011.08.20 @ 04:27:45

**TEST COMMENT:** IF: 1/4 blow died to a surface blow in 5 min.  
 IS: No return.  
 FF: No blow. Flushed tool no blow.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.96	116.53	Initial Hydro-static
2	32.77	115.44	Open To Flow (1)
8	30.76	115.45	Shut-In(1)
36	843.47	116.12	End Shut-In(1)
37	29.55	115.71	Open To Flow (2)
57	31.27	116.26	Shut-In(2)
99	753.79	117.49	End Shut-In(2)
100	2052.23	119.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

## Gas Rates

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



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**FLUID SUMMARY**

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Job Ticket: 43682

**DST#: 1**

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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

