



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

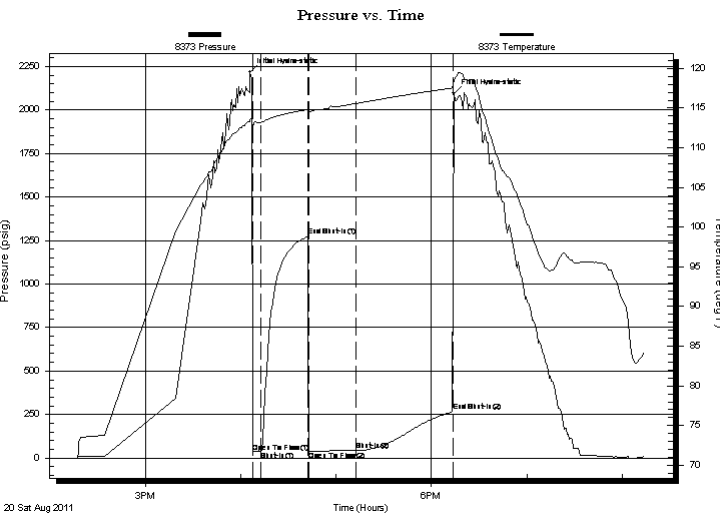
**Bernbeck 1-20**  
**20-15-23 Trego**  
Job Ticket: 43683 **DST#: 2**  
Test Start: 2011.08.20 @ 14:17:32

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 16:07:42  
Time Test Ended: 20:13:56  
Test Type: Conventional Bottom Hole  
Tester: Brandon Turley  
Unit No: 35  
Interval: **4313.00 ft (KB) To 4355.00 ft (KB) (TVD)**  
Reference Elevations: 2384.00 ft (KB)  
Total Depth: 4355.00 ft (KB) (TVD) 2379.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8373 Inside**  
Press @ Run Depth: 43.62 psig @ 4314.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.08.20 End Date: 2011.08.20 Last Calib.: 2011.08.20  
Start Time: 14:17:32 End Time: 20:13:56 Time On Btm: 2011.08.20 @ 16:05:57  
Time Off Btm: 2011.08.20 @ 18:13:57

**TEST COMMENT:** IF: Surface blow .  
IS: No return.  
FF: No blow . Flushed tool no blow .  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.70	113.38	Initial Hydro-static
2	36.13	112.39	Open To Flow (1)
7	37.69	113.18	Shut-In(1)
37	1274.62	114.85	End Shut-In(1)
37	40.02	114.45	Open To Flow (2)
67	43.62	115.56	Shut-In(2)
128	267.23	117.52	End Shut-In(2)
128	2094.82	118.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
9.00	ocm 5%o 95% m	0.04
1.00	free oil 100% o	0.00

## 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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
9.00	ocm 5%o 95%m	0.044
1.00	free oil 100%o	0.005

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

