



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling Company, Inc.

ATHornburg C #1-4

1700 N. Waterfront Parkw ay
Building 1200
Wichita, KS. 67206
ATTN: Kevin Kessler

4-20s-23w-Ness

Job Ticket: 39039

DST#: 2

Test Start: 2010.08.23 @ 21:18:15

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:21:30

Time Test Ended: 05:49:45

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 4380.00 ft (KB) To 4420.00 ft (KB) (TVD)

Reference Elevations: 2584.00 ft (KB)

Total Depth: 4420.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press @RunDepth: 23.09 psig @ 4384.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.23

End Date:

2010.08.24

Last Calib.:

2010.08.24

Start Time:

21:18:17

End Time:

05:49:45

Time On Btm:

2010.08.24 @ 02:21:15

Time Off Btm:

2010.08.24 @ 04:26:45

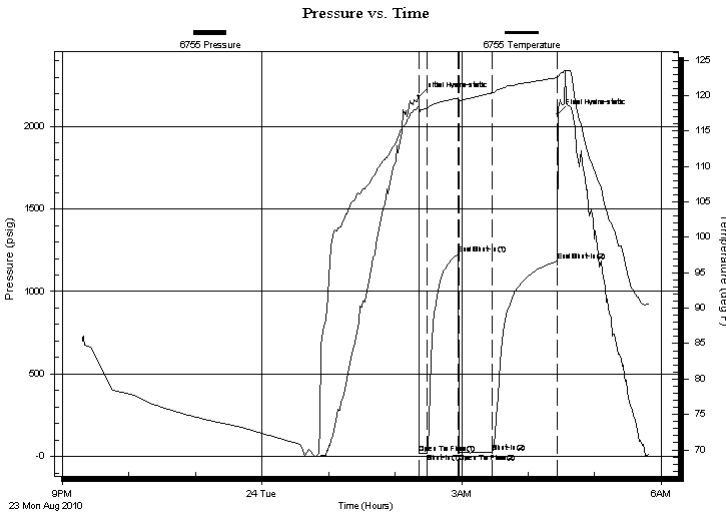
TEST COMMENT: IFP-Weak Blow ,1/2"

ISI-Dead

FFP-Dead

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.83	118.51	Initial Hydro-static
1	21.40	117.18	Open To Flow (1)
8	21.63	118.20	Shut-In(1)
36	1225.88	119.69	End Shut-In(1)
37	22.00	119.23	Open To Flow (2)
66	23.09	120.34	Shut-In(2)
125	1184.61	122.53	End Shut-In(2)
126	2077.17	122.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.07

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

