



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Mull Drilling Co Inc  
1700 N Waterfront PKWY  
BLDG 1200  
Wichita ,Ks  
ATTN: Kevin Kessler

**Albers #3-17**  
**17-17-23 Ness, Ks**  
Job Ticket: 039147 **DST#: 3**  
Test Start: 2010.07.21 @ 02:12:30

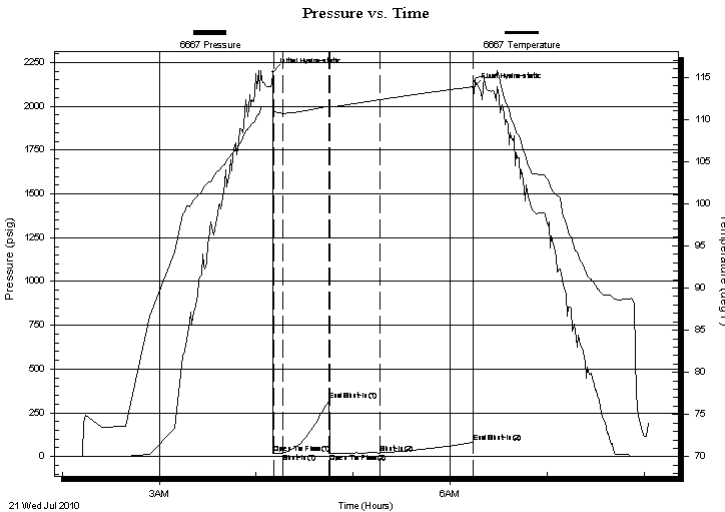
## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:10:30  
 Time Test Ended: 08:15:30  
 Interval: **4320.00 ft (KB) To 4370.00 ft (KB) (TVD)**  
 Total Depth: 4370.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Shane McBride  
 Unit No: 40  
 Reference Elevations: 2465.00 ft (KB)  
 2456.00 ft (CF)  
 KB to GR/CF: 9.00 ft

**Serial #: 6667 Outside**  
 Press @ Run Depth: 20.92 psig @ 4321.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.07.21 End Date: 2010.07.21 Last Calib.: 2010.07.21  
 Start Time: 02:12:30 End Time: 08:03:30 Time On Btm: 2010.07.21 @ 04:10:15  
 Time Off Btm: 2010.07.21 @ 06:14:30

**TEST COMMENT:** Weak surface blow  
 No return  
 No blow  
 No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.32	111.48	Initial Hydro-static
1	18.98	110.69	Open To Flow (1)
6	19.94	110.72	Shut-In(1)
35	320.03	111.58	End Shut-In(1)
36	19.38	111.44	Open To Flow (2)
67	20.92	112.33	Shut-In(2)
124	81.09	113.86	End Shut-In(2)
125	2104.56	114.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100%m	0.03

## 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: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.028

Total Length: 2.00 ft      Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

