



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: 039148 **DST#: 4**
 Test Start: 2010.07.21 @ 20:50:51

GENERAL INFORMATION:

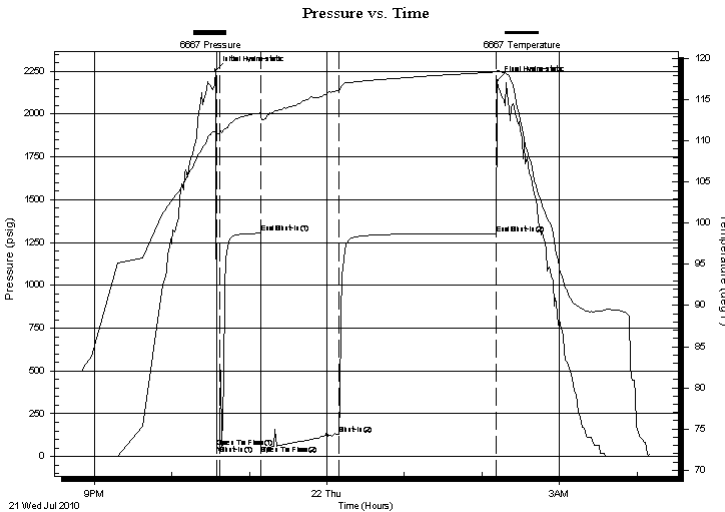
Formation: **Cher-Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:34:21
 Time Test Ended: 04:20:21
 Interval: **4360.00 ft (KB) To 4458.00 ft (KB) (TVD)**
 Total Depth: 4458.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane 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: 131.56 psig @ 4361.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.07.21 End Date: 2010.07.22 Last Calib.: 2010.07.22
 Start Time: 20:50:51 End Time: 04:10:21 Time On Btm: 2010.07.21 @ 22:33:51
 Time Off Btm: 2010.07.22 @ 02:12:06

TEST COMMENT: 1" in surging blow
 No return
 1 1/2" in blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.44	111.29	Initial Hydro-static
1	55.21	110.85	Open To Flow (1)
3	65.21	110.93	Shut-In(1)
35	1304.21	113.43	End Shut-In(1)
36	65.63	112.92	Open To Flow (2)
96	131.56	116.15	Shut-In(2)
218	1301.77	118.40	End Shut-In(2)
219	2193.51	118.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
243.00	o c m 40%o 60%m	3.41

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: 64.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
243.00	o c m 40%o 60%m	3.409

Total Length: 243.00 ft Total Volume: 3.409 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

