



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mull Drilling Co. Inc.
1700 N Waterfront PKWY
Wichita Ks 67206
ATTN: Kevin Kesler

Snoddgrass 5-17
17-17s-23w, Ness, Ks
Job Ticket: 41908 **DST#: 3**
Test Start: 2011.01.27 @ 12:35:16

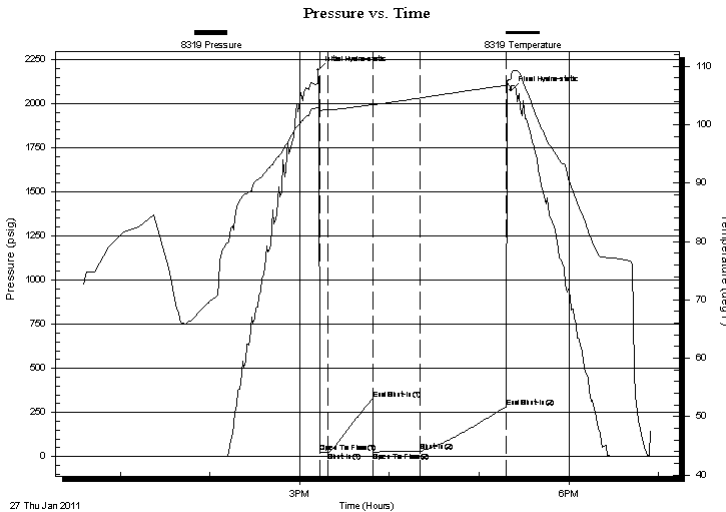
GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:13:46
Time Test Ended: 18:54:46
Interval: **4340.00 ft (KB) To 4415.00 ft (KB) (TVD)**
Total Depth: 4415.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2407.00 ft (KB)
2402.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47

Serial #: 8319 Outside
Press @ Run Depth: 28.77 psig @ 4345.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.27 End Date: 2011.01.27 Last Calib.: 2011.01.27
Start Time: 12:35:21 End Time: 18:54:45 Time On Btm: 2011.01.27 @ 15:12:16
Time Off Btm: 2011.01.27 @ 17:21:16

TEST COMMENT: IF-3/4in blow
ISI-No blow
FF-Very weak surface blow died in 8min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.86	102.96	Initial Hydro-static
2	23.17	102.20	Open To Flow (1)
7	24.86	102.54	Shut-In(1)
37	328.00	103.44	End Shut-In(1)
37	26.05	103.35	Open To Flow (2)
68	28.77	104.56	Shut-In(2)
126	281.05	106.73	End Shut-In(2)
129	2074.10	107.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud	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:

