



**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: 41906 **DST#: 1**
Test Start: 2011.01.25 @ 09:15:13

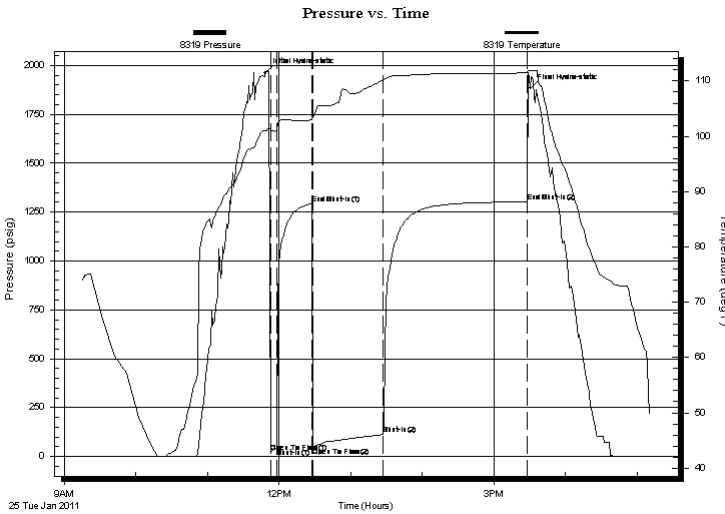
GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:52:43
Time Test Ended: 17:10:43
Interval: **4000.00 ft (KB) To 4030.00 ft (KB) (TVD)**
Total Depth: 4030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Reference Elevations: 2407.00 ft (KB)
2402.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8319 Outside
Press @ Run Depth: 112.13 psig @ 4001.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.25 End Date: 2011.01.25 Last Calib.: 2011.01.25
Start Time: 09:15:18 End Time: 17:10:42 Time On Btm: 2011.01.25 @ 11:48:43
Time Off Btm: 2011.01.25 @ 15:30:43

TEST COMMENT: IF-2.25in blow
ISI-No blow
FF-6.75in blow
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.17	100.99	Initial Hydro-static
4	19.74	101.15	Open To Flow (1)
9	42.89	101.13	Shut-In(1)
39	1292.97	102.93	End Shut-In(1)
40	47.32	103.50	Open To Flow (2)
98	112.13	110.12	Shut-In(2)
219	1302.89	111.48	End Shut-In(2)
222	1882.82	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 70%W 30%M	1.40
20.00	SMCW 80%W 20%M	0.28

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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DST#: 1

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Test Start: 2011.01.25 @ 09:15:13

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: 110000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MCW 70%W 30%M	1.395
20.00	SMCW 80%W 20%M	0.281

Total Length: 200.00 ft Total Volume: 1.676 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

