



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Company

1700 N. Waterfront PKWY B #1200
Wichita, Ks 67206

ATTN: Phil Askay

APC- Tallman 2-3

3-18s-45w Kiowa, Co

Job Ticket: 042065

DST#: 6

Test Start: 2011.03.17 @ 12:15:55

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:25:05

Time Test Ended: 18:39:34

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: 4825.00 ft (KB) To 4910.00 ft (KB) (TVD)

Total Depth: **4910.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **4001.00 ft (KB)**

3991.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8373 **Inside**

Press @ Run Depth: **26.95 psig @ 4826.00 ft (KB)**

Start Date: **2011.03.17**

End Date:

2011.03.17

Start Time: **12:15:55**

End Time:

18:39:34

Capacity: **8000.00 psig**

Last Calib.: **2011.03.17**

Time On Btm: **2011.03.17 @ 14:23:05**

Time Off Btm: **2011.03.17 @ 16:31:50**

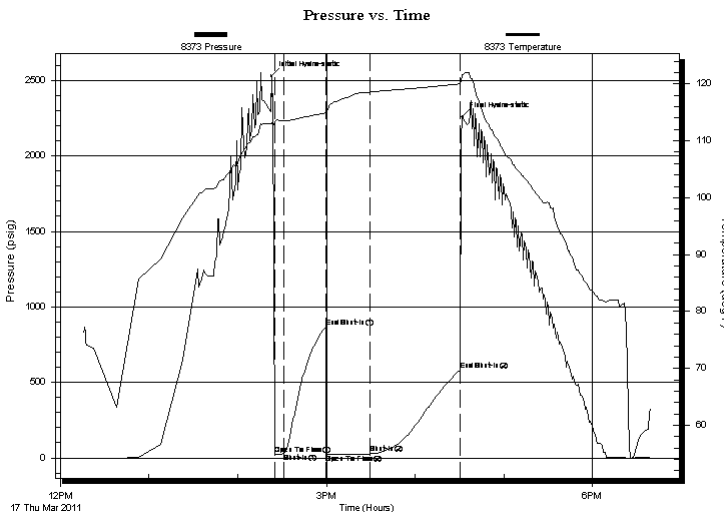
TEST COMMENT: IF: 1/4 blow built to 1/2 in 5 min.

IS: No Return.

FF: No blow.

FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2531.70	113.16	Initial Hydro-static
2	24.56	113.21	Open To Flow (1)
8	28.97	113.50	Shut-In (1)
37	863.88	114.87	End Shut-In (1)
37	25.66	114.58	Open To Flow (2)
67	26.95	118.55	Shut-In (2)
127	580.89	120.00	End Shut-In (2)
129	2257.84	121.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

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: 68.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

