



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Grand Mesa Operating Company

DBY 1-16

1700 N. Waterfront PKWY BLDG 600
Wichita, KS 67206

16-16-33 Scott, KS

ATTN: Steve Carl

Job Ticket: 042723

DST#: 7

Test Start: 2011.08.03 @ 16:33:27

GENERAL INFORMATION:

Formation: **Lenapah**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:20:07

Time Test Ended: 21:27:51

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4410.00 ft (KB) To 4453.00 ft (KB) (TVD)

Reference Elevations: 3085.00 ft (KB)

Total Depth: 4453.00 ft (KB) (TVD)

3075.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 26.29 psig @ 4411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.03

End Date:

2011.08.03

Last Calib.:

2011.08.03

Start Time:

16:33:27

End Time:

21:27:51

Time On Btm:

2011.08.03 @ 18:18:37

Time Off Btm:

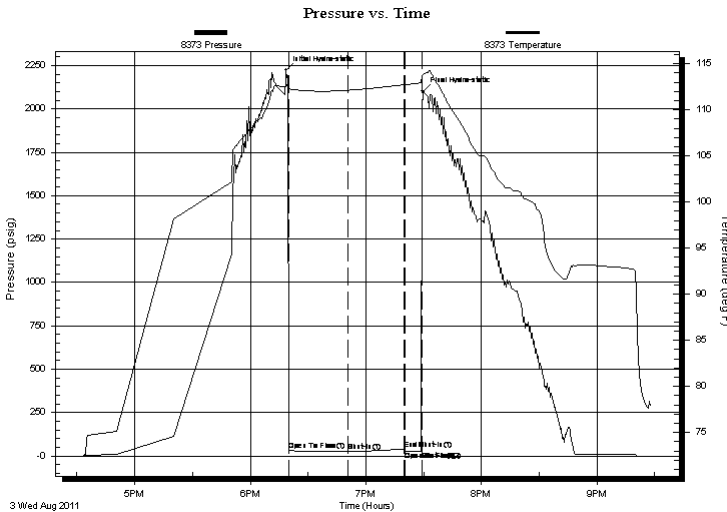
2011.08.03 @ 19:29:37

TEST COMMENT: IF: Surface blow died in 6 min.

IS: No return.

FF: No blow. Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.62	112.52	Initial Hydro-static
2	34.37	112.30	Open To Flow (1)
33	26.29	112.12	Shut-In(1)
62	40.53	112.73	End Shut-In(1)
62	28.16	112.73	Open To Flow (2)
71	26.23	112.93	Shut-In(2)
71	2101.59	113.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100% m	0.01

Gas Rates

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



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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:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100%m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

