



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating Co.

**4 16s 32w Scott, Ks**

1700 N. Waterfront Pkw y  
Bldg 600  
Wichita, Ks 67206  
ATTN: John Goldsmith

**Hoeme 1-4**

Job Ticket: 44519

**DST#: 3**

Test Start: 2012.03.18 @ 23:42:00

## GENERAL INFORMATION:

Formation: **Lenepah - Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:05:30

Time Test Ended: 06:20:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley

Unit No: Walter

**Interval: 4377.00 ft (KB) To 4438.00 ft (KB) (TVD)**

Reference Elevations: 3004.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8522 Inside**

Press @ Run Depth: 32.20 psig @ 4378.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.18

End Date:

2012.03.19

Last Calib.:

2012.03.19

Start Time: 23:42:05

End Time:

06:19:59

Time On Btm:

2012.03.19 @ 02:05:15

Time Off Btm:

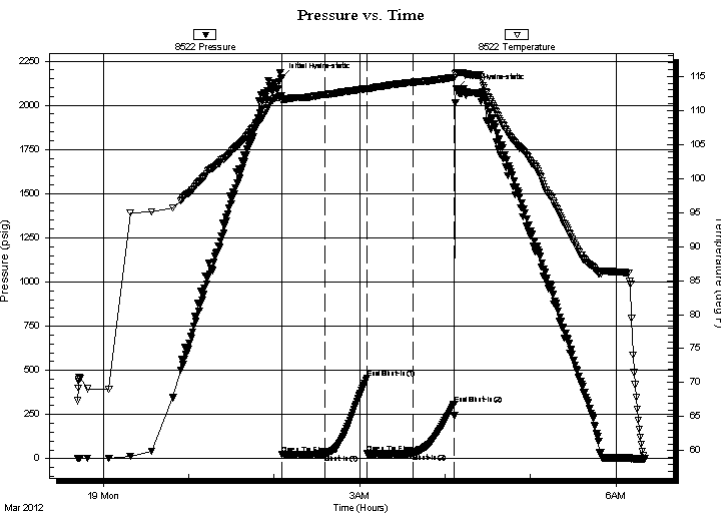
2012.03.19 @ 04:08:15

**TEST COMMENT:** IF: Surface blow, died @ 18 minutes.

IS: No return.

FF: No blow.

FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.04	112.14	Initial Hydro-static
1	24.33	111.48	Open To Flow (1)
30	26.53	112.33	Shut-In(1)
60	456.70	113.23	End Shut-In(1)
60	27.77	113.08	Open To Flow (2)
93	32.20	114.15	Shut-In(2)
121	306.56	114.83	End Shut-In(2)
123	2095.53	115.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (oil spots)	0.02

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating Co.

**4 16s 32w Scott, Ks**

1700 N. Waterfront Pkwy  
Bldg 600  
Wichita, Ks 67206  
ATTN: John Goldsmith

**Hoeme 1-4**

Job Ticket: 44519

**DST#: 3**

Test Start: 2012.03.18 @ 23:42:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 6.39 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (oil spots)	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:

# Pressure vs. Time

