



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating Co.

**14-16s-33w Scott Co. KS**

1700 N. Waterfront PKWY  
BLDG 600  
Wichita KS. 67206  
ATTN: Bob Skahiber

**Schowalter #1-14**

Job Ticket: 45138

**DST#: 3**

Test Start: 2012.03.07 @ 09:29:00

## GENERAL INFORMATION:

Formation: **Lower Ft. Scott / Jo**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:35:10

Time Test Ended: 15:57:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

**Interval: 4494.00 ft (KB) To 4618.00 ft (KB) (TVD)**

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4618.00 ft (KB) (TVD)

3013.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8652**

**Inside**

Press @ Run Depth: 30.07 psig @ 4496.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.07

End Date:

2012.03.07

Last Calib.:

2012.03.07

Start Time:

09:29:00

End Time:

15:57:24

Time On Btm:

2012.03.07 @ 11:31:10

Time Off Btm:

2012.03.07 @ 13:34:55

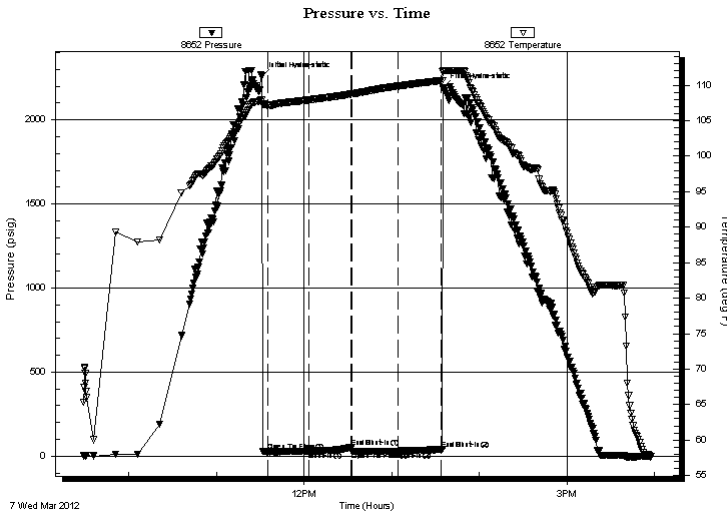
**TEST COMMENT:** IF- Weak Surface Blow Built to 1/2"

IS- No Blow

FF- Weak Surface Blow Died in 8min

FS- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.55	107.88	Initial Hydro-static
4	26.35	107.20	Open To Flow (1)
33	27.94	107.93	Shut-In(1)
61	51.23	108.74	End Shut-In(1)
62	28.96	108.73	Open To Flow (2)
93	30.07	109.86	Shut-In(2)
123	40.68	110.65	End Shut-In(2)
124	2189.63	111.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 2%oil 98% m	0.05

\* Recovery from multiple tests

## 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

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.97 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCM 2%oil 98%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:

Serial #: 8652

Inside

Grand Mesa Operating Co.

Schowalter #1-14

DST Test Number: 3

