



**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**

Job Ticket: 042718

**DST#: 2**

ATTN: Steve Carl

Test Start: 2011.07.30 @ 21:18:41

## GENERAL INFORMATION:

Formation: **Lansing E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:26:36

Time Test Ended: 05:38:35

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4115.00 ft (KB) To 4150.00 ft (KB) (TVD)**

Reference Elevations: 3085.00 ft (KB)

Total Depth: 4150.00 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: 314.15 psig @ 4116.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.30

End Date:

2011.07.31

Last Calib.:

2011.07.31

Start Time: 21:18:41

End Time:

05:38:35

Time On Btm:

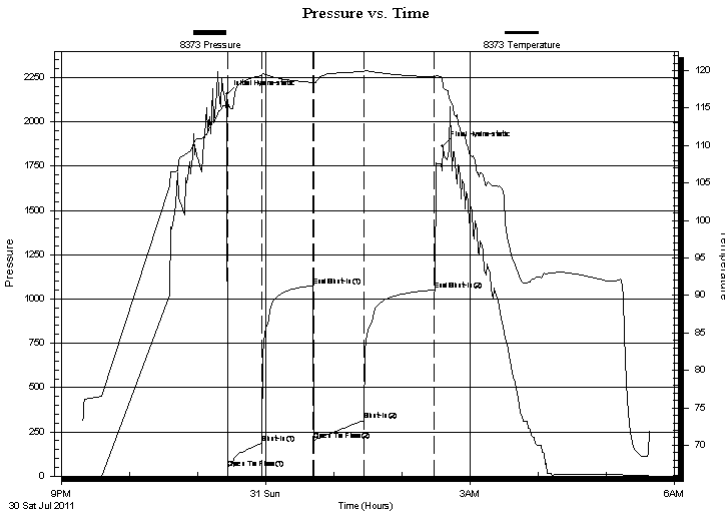
2011.07.30 @ 23:26:06

Time Off Btm:

2011.07.31 @ 02:36:20

**TEST COMMENT:** IF: BOB in 10 min.  
IS: No return.  
FF: BOB in 15 min.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.49	115.33	Initial Hydro-static
1	41.90	114.67	Open To Flow (1)
31	186.28	119.35	Shut-In(1)
76	1074.99	118.42	End Shut-In(1)
77	201.89	118.18	Open To Flow (2)
121	314.15	119.84	Shut-In(2)
183	1050.40	119.14	End Shut-In(2)
191	1863.67	117.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcw 95%w 5%m	0.91
248.00	mcw 90%w 10%m	3.01
231.00	mcw 60%w 40%m	3.24

## 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:

27000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
186.00	mcw 95%w 5%m	0.915
248.00	mcw 90%w 10%m	3.014
231.00	mcw 60%w 40%m	3.240

Total Length: 665.00 ft      Total Volume: 7.169 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .25@72=27000

### Pressure vs. Time

