



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Company

G Anderson 3-26

1700 N. Waterfront Pkwy Bldg 600
Wichita, Ks 67206

26-12-32 Logan, Ks

ATTN: Bob Peterson

Job Ticket: 040269

DST#: 3

Test Start: 2010.11.04 @ 20:20:14

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:57:39

Time Test Ended: 03:39:23

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4200.00 ft (KB) To 4230.00 ft (KB) (TVD)

Reference Elevations: 2997.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

2992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 395.17 psig @ 4201.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.04

End Date:

2010.11.05

Last Calib.:

2010.11.05

Start Time:

20:20:14

End Time:

03:39:23

Time On Btm:

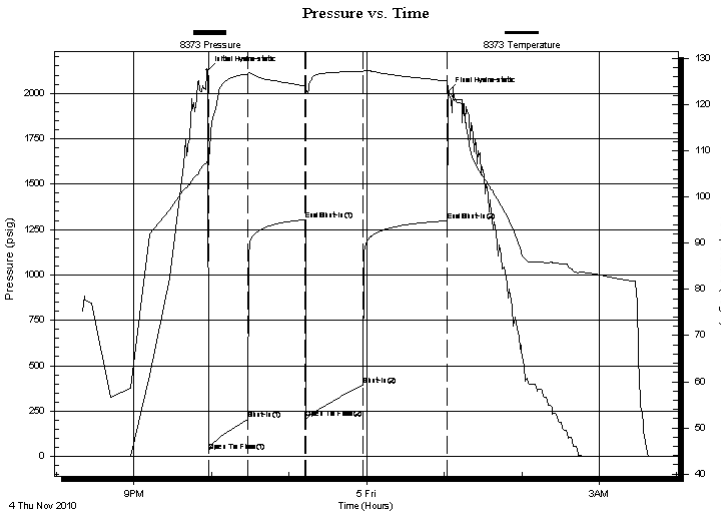
2010.11.04 @ 21:56:39

Time Off Btm:

2010.11.05 @ 01:03:08

TEST COMMENT: IF: 1/4 blow BOB in 9 min.
IS: No return.
FF: 1/4 blow BOB in 11 min.
FS: No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2126.09 | 108.09 | Initial Hydro-static |
| 1 | 25.80 | 108.75 | Open To Flow (1) |
| 32 | 206.72 | 126.62 | Shut-In(1) |
| 76 | 1304.01 | 123.99 | End Shut-In(1) |
| 77 | 211.76 | 123.56 | Open To Flow (2) |
| 121 | 395.17 | 127.14 | Shut-In(2) |
| 186 | 1297.82 | 125.14 | End Shut-In(2) |
| 187 | 2007.40 | 123.05 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 620.00 | mcw 95%w 5%m | 7.60 |
| 196.00 | mw 50%w 50%m | 2.75 |
| | | |
| | | |
| | | |

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:

98000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------|---------------|
| 620.00 | mcw 95%w 5%m | 7.604 |
| 196.00 | mw 50%w 50%m | 2.749 |

Total Length: 816.00 ft Total Volume: 10.353 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .18@30=98000

Pressure vs. Time

