



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Grand Mesa Operating Co

27 16s 37w Scott, Ks

1700 N Waterfront Pkwy
Bldg 600
Wichita, Ks 67206
ATTN: Steve Carl

#1-27 Riner

Job Ticket: 45360

DST#: 3

Test Start: 2011.11.20 @ 09:05:05

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:29:00

Time Test Ended: 15:31:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: **4331.00 ft (KB) To 4353.00 ft (KB) (TVD)**

Reference Elevations: 3037.00 ft (KB)

Total Depth: 4353.00 ft (KB) (TVD)

3032.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **8652** Inside

Press @ Run Depth: 20.29 psig @ 4332.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.20

End Date:

2011.11.20

Last Calib.: 2011.11.20

Start Time: 09:05:05

End Time:

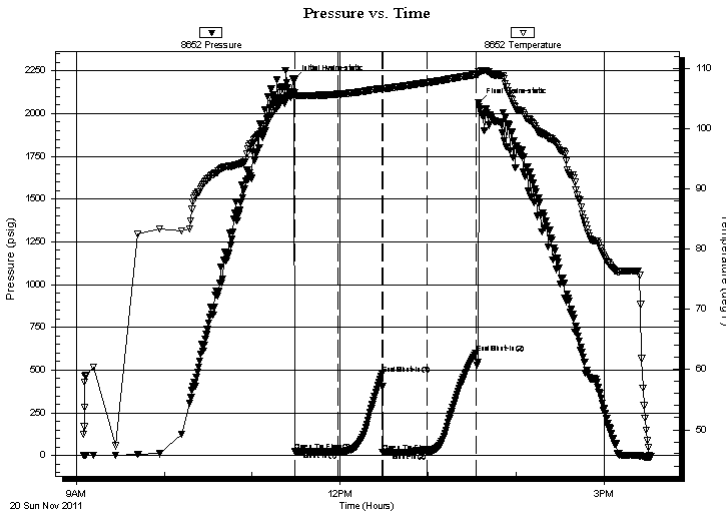
15:31:59

Time On Btm: 2011.11.20 @ 11:28:45

Time Off Btm: 2011.11.20 @ 13:34:29

TEST COMMENT: IF: Surface blow, died @ 9 minutes.
IS: No return.
FF: Surface blow, died @ 8 minutes.
FF: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.92	105.93	Initial Hydro-static
1	22.93	105.19	Open To Flow (1)
30	22.40	105.75	Shut-In(1)
60	478.34	106.74	End Shut-In(1)
61	20.90	106.62	Open To Flow (2)
91	20.29	107.66	Shut-In(2)
124	599.53	109.02	End Shut-In(2)
126	2062.84	109.47	Final Hydro-static

Recovery

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

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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DST#: 3

Test Start: 2011.11.20 @ 09:05:05

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: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100m	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:

Serial #: 8652

Inside

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DST Test Number: 3

