



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

ATTN: Steve Carl

Job Ticket: 042722

DST#: 6

Test Start: 2011.08.02 @ 22:09:22

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:04:02

Time Test Ended: 06:54:17

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4370.00 ft (KB) To 4393.00 ft (KB) (TVD)

Reference Elevations: 3085.00 ft (KB)

Total Depth: 4393.00 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: 873.22 psig @ 4371.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.02

End Date:

2011.08.03

Last Calib.: 2011.08.03

Start Time: 22:09:22

End Time:

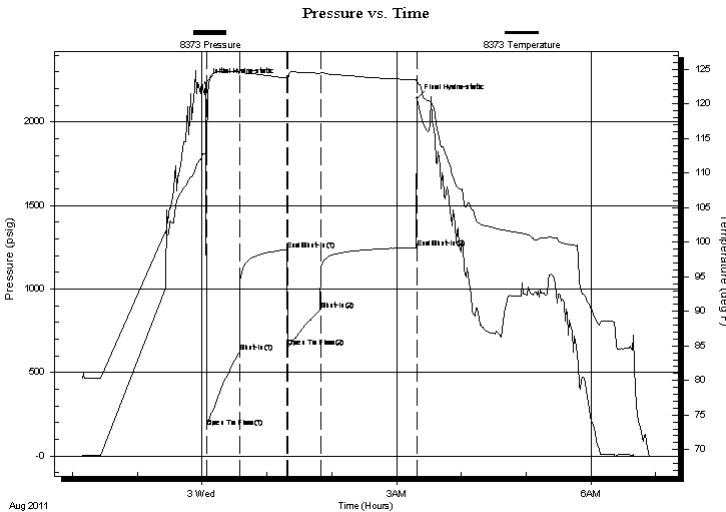
06:54:17

Time On Btm: 2011.08.03 @ 00:03:17

Time Off Btm: 2011.08.03 @ 03:19:16

TEST COMMENT: IF: BOB in 1 min.
IS: BOB in 14 min.
FF: BOB in 2 min.
FS: BOB in 20 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.71	112.87	Initial Hydro-static
1	171.90	112.42	Open To Flow (1)
32	619.86	124.62	Shut-In(1)
76	1235.31	123.69	End Shut-In(1)
76	651.97	123.48	Open To Flow (2)
107	873.22	124.42	Shut-In(2)
196	1246.98	123.44	End Shut-In(2)
196	2140.59	123.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 95%w 5%m	0.61
2004.00	go 30%g 70%o	27.08
0.00	1096 GIP	0.00

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:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 95%w 5%m	0.610
2004.00	go 30%g 70%o	27.081
0.00	1096 GIP	0.000

Total Length: 2128.00 ft Total Volume: 27.691 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 38@70=37

.19@68=40000

