



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: 042717

DST#: 1

ATTN: Steve Carl

Test Start: 2011.07.30 @ 02:54:55

GENERAL INFORMATION:

Formation: **Lansing C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:17:20

Time Test Ended: 10:11:34

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4055.00 ft (KB) To 4080.00 ft (KB) (TVD)

Reference Elevations: 3085.00 ft (KB)

Total Depth: 4080.00 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: 123.87 psig @ 4056.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.30

End Date:

2011.07.30

Last Calib.:

2011.07.30

Start Time:

02:54:55

End Time:

10:11:34

Time On Btm:

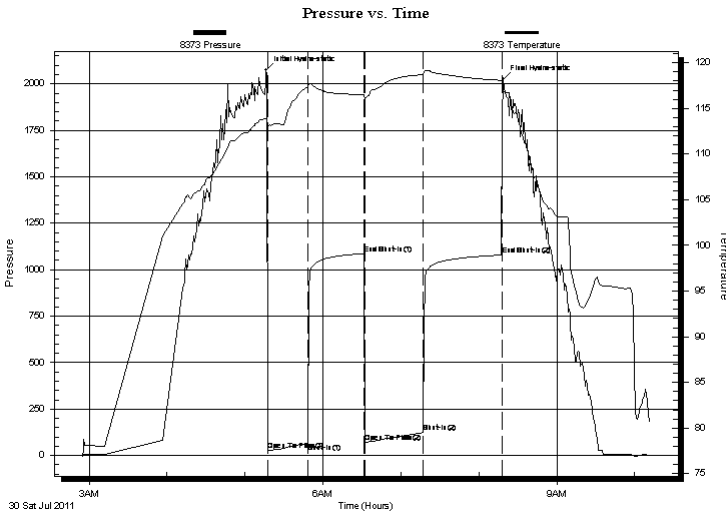
2011.07.30 @ 05:16:20

Time Off Btm:

2011.07.30 @ 08:19:04

TEST COMMENT: IF: Surface blow built to 3 in 30 min.
IS: No return.
FF: Surface blow built to 3 in 45 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.05	113.85	Initial Hydro-static
1	27.21	113.11	Open To Flow (1)
32	65.51	117.34	Shut-In(1)
76	1086.43	116.50	End Shut-In(1)
76	73.92	116.01	Open To Flow (2)
121	123.87	118.73	Shut-In(2)
182	1078.38	118.06	End Shut-In(2)
183	2024.06	117.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	w cm 20%w 80%m	0.30
180.00	mcw trace of oil 70%w 30%m	0.91
0.00	1" of oil on top	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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

20000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	w cm 20%w 80%m	0.295
180.00	mcw trace of oil 70%w 30%m	0.913
0.00	1" of oil on top	0.000

Total Length: 240.00 ft Total Volume: 1.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .29@83=20000

