



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McElvain Oil & Gas Properties

1-10s-23w-Graham

1050 17TH Street
Suite 2500
Denver, CO. 80265
ATTN: Jeff Lawler

Ninemire #1-13

Job Ticket: 43498

DST#: 1

Test Start: 2011.10.15 @ 03:41:41

GENERAL INFORMATION:

Formation: **E-F**
 Deviated: No Whipstock: ft (CF)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:07:11 Tester: Jason McLemore
 Time Test Ended: 09:33:26 Unit No: 54
 Interval: **3766.00 ft (CF) To 3804.00 ft (CF) (TVD)** Reference Elevations: 2424.00 ft (KB)
 Total Depth: 3804.00 ft (CF) (TVD) 2419.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 5.00 ft

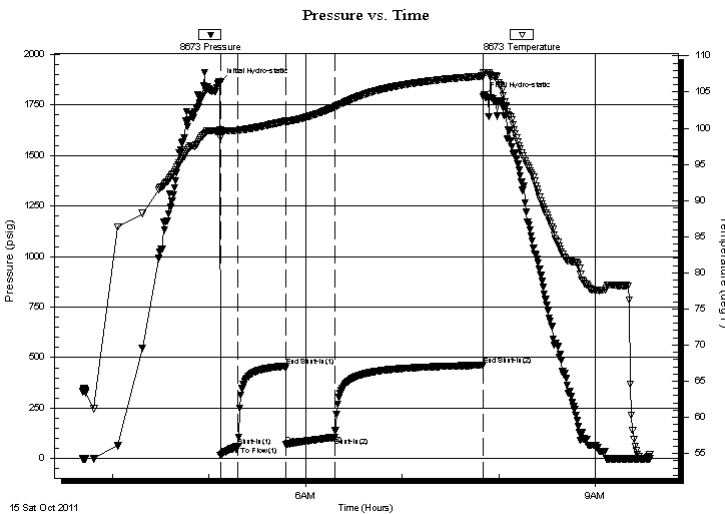
Serial #: 8673

Inside

Press @ Run Depth: 106.59 psig @ 3770.00 ft (CF) Capacity: 8000.00 psig
 Start Date: 2011.10.15 End Date: 2011.10.15 Last Calib.: 2011.10.15
 Start Time: 03:41:43 End Time: 09:33:26 Time On Btm: 2011.10.15 @ 05:06:56
 Time Off Btm: 2011.10.15 @ 07:50:26

TEST COMMENT: IFP-Fair Blow ,Built to 3-1/2"
 ISI-Dead
 FFP-Fair Blow ,Built to 8"
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1862.06	99.78	Initial Hydro-static
1	17.73	98.71	Open To Flow (1)
12	62.80	99.66	Shut-In(1)
41	458.45	100.97	End Shut-In(1)
41	72.10	100.85	Open To Flow (2)
72	106.59	102.93	Shut-In(2)
163	462.28	107.20	End Shut-In(2)
164	1793.15	107.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	Muddy Water-60%W-40%M	1.64

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

58000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
195.00	Muddy Water-60%W-40%M	1.642

Total Length: 195.00 ft

Total Volume: 1.642 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8673

Inside

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Minerite #1-13

DST Test Number: 1

