



**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: 43500

DST#: 3

Test Start: 2011.10.16 @ 06:58:07

GENERAL INFORMATION:

Formation: **J**
 Deviated: **No** Whipstock: **ft (CF)**
 Time Tool Opened: 08:53:22
 Time Test Ended: 13:56:22
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Interval: **3869.00 ft (CF) To 3890.00 ft (CF) (TVD)**
 Reference Elevations: 2424.00 ft (KB)
 Total Depth: 3890.00 ft (CF) (TVD) 2419.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 5.00 ft

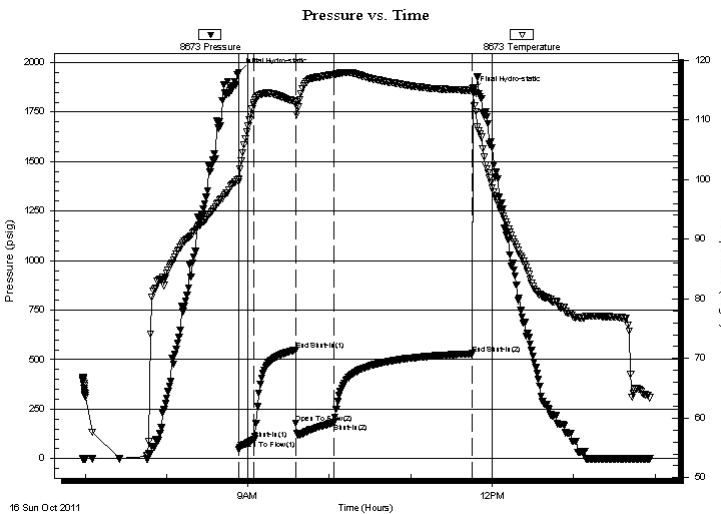
Serial #: 8673

Inside

Press @ Run Depth: 181.36 psig @ 3872.00 ft (CF) Capacity: 8000.00 psig
 Start Date: 2011.10.16 End Date: 2011.10.16 Last Calib.: 2011.10.16
 Start Time: 06:58:09 End Time: 13:56:22 Time On Btm: 2011.10.16 @ 08:53:07
 Time Off Btm: 2011.10.16 @ 11:45:37

TEST COMMENT: IFP-Strong, BOB in 3 Min.
 ISI-Blow back BOB in 16 Min.
 FFP-Strong, BOB in 2-1/2 Min.
 FSI-Blow back BOB in 14 Min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1950.45	100.04	Initial Hydro-static
1	48.67	99.66	Open To Flow (1)
12	96.23	112.92	Shut-In(1)
42	547.66	113.06	End Shut-In(1)
43	177.94	112.60	Open To Flow (2)
71	181.36	117.59	Shut-In(2)
172	529.84	114.90	End Shut-In(2)
173	1860.12	115.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	OCM-10%O-90%M	0.52
360.00	Free Oil	4.91
0.00	1080' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

McElvain Oil & Gas Properties

1-10s-23w-Graham

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

Ninemire #1-13

Job Ticket: 43500

DST#: 3

Test Start: 2011.10.16 @ 06:58:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 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 bbl
105.00	OCM-10%O-90%M	0.516
360.00	Free Oil	4.913
0.00	1080' Gas In Pipe	0.000

Total Length: 465.00 ft

Total Volume: 5.429 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8673

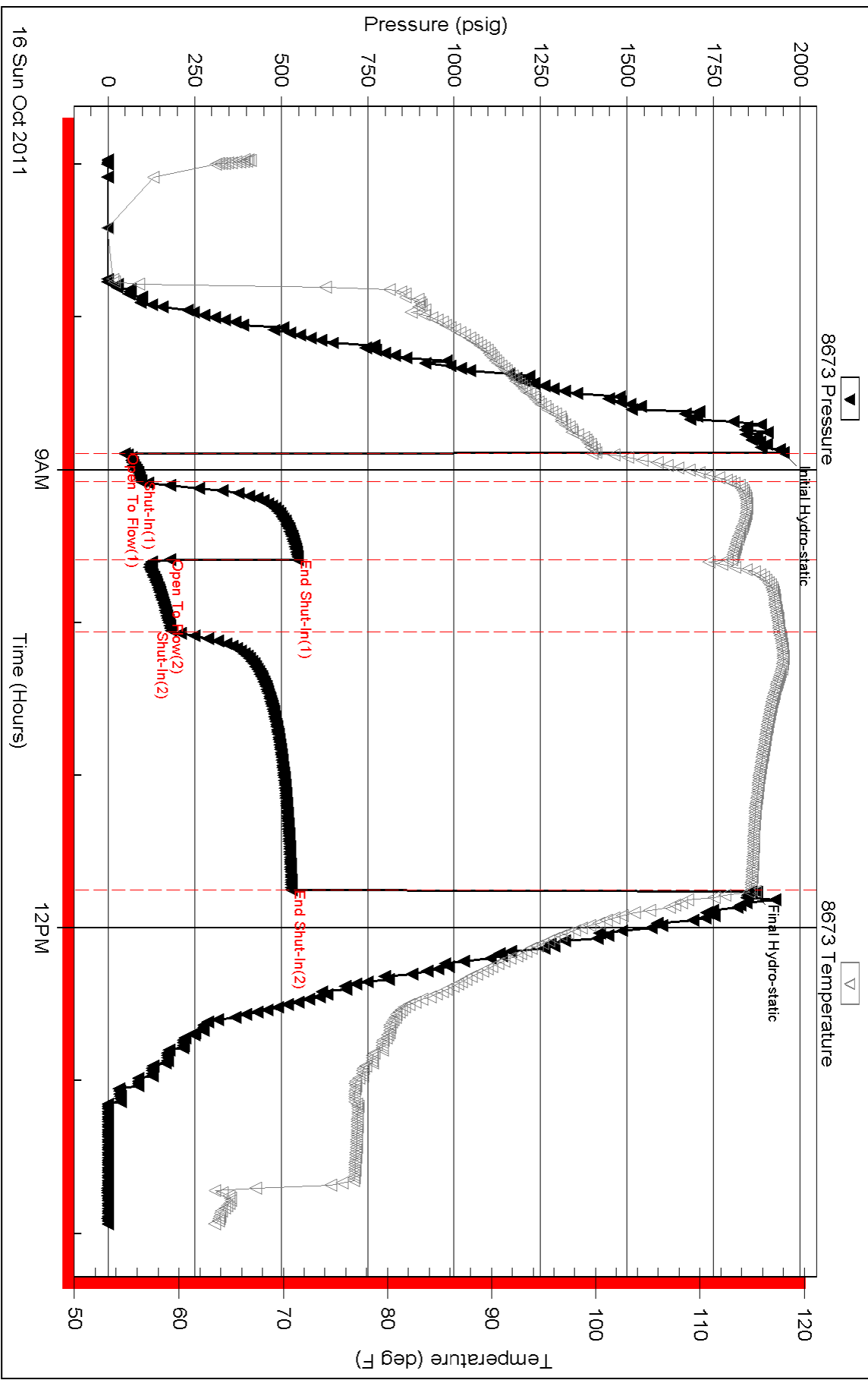
Inside

McElvain Oil & Gas Properties

Minerite #1-13

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 43500

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