



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McElvain Energy, Inc.
1050 17th St. Ste. 2500
Denver, CO 80265
ATTN:

11-10S-22W Graham, KS
Brassfield #11-9
Job Ticket: 58761 **DST#: 2**
Test Start: 2014.04.20 @ 06:48:32

GENERAL INFORMATION:

Formation: **LKC "B-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:41:32
 Time Test Ended: 13:15:02
 Interval: **3598.00 ft (KB) To 3654.00 ft (KB) (TVD)**
 Total Depth: 3654.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan L
 Unit No: 48
 Reference Elevations: 2318.00 ft (KB)
 2310.00 ft (CF)
 KB to GR/CF: 8.00 ft

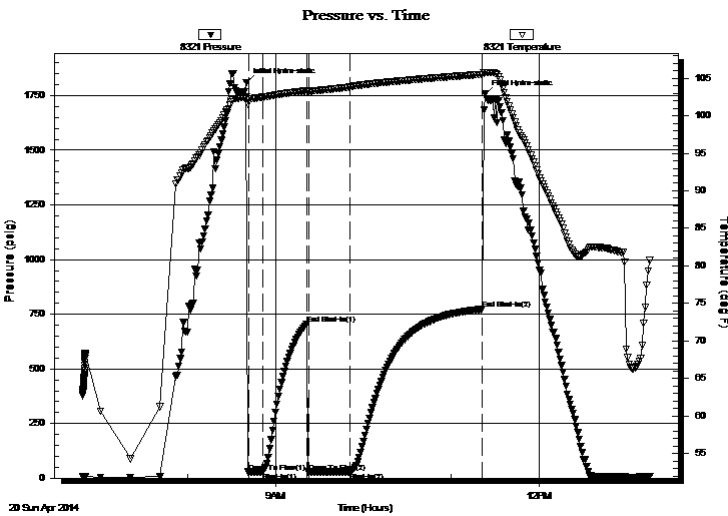
Serial #: 8321

Outside

Press@RunDepth: 28.43 psig @ 3599.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.20 End Date: 2014.04.20 Last Calib.: 2014.04.20
 Start Time: 06:48:33 End Time: 13:15:02 Time On Btm: 2014.04.20 @ 08:40:02
 Time Off Btm: 2014.04.20 @ 11:23:02

TEST COMMENT: 10- IF- Weak blow built to .25"
 30- IS- No blow
 30- FF- No blow
 90 FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.02	102.51	Initial Hydro-static
2	28.03	102.21	Open To Flow (1)
11	28.77	102.45	Shut-In(1)
41	703.74	103.32	End Shut-In(1)
43	28.47	103.24	Open To Flow (2)
71	28.43	103.84	Shut-In(2)
161	773.11	105.51	End Shut-In(2)
163	1756.48	105.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.07

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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11-10S-22W Graham, KS

1050 17th St. Ste. 2500
Denver, CO 80265

Brassfield #11-9

Job Ticket: 58761

DST#: 2

ATTN:

Test Start: 2014.04.20 @ 06:48:32

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.068

Total Length: 5.00 ft Total Volume: 0.068 bbl

Num Fluid Samples: 0

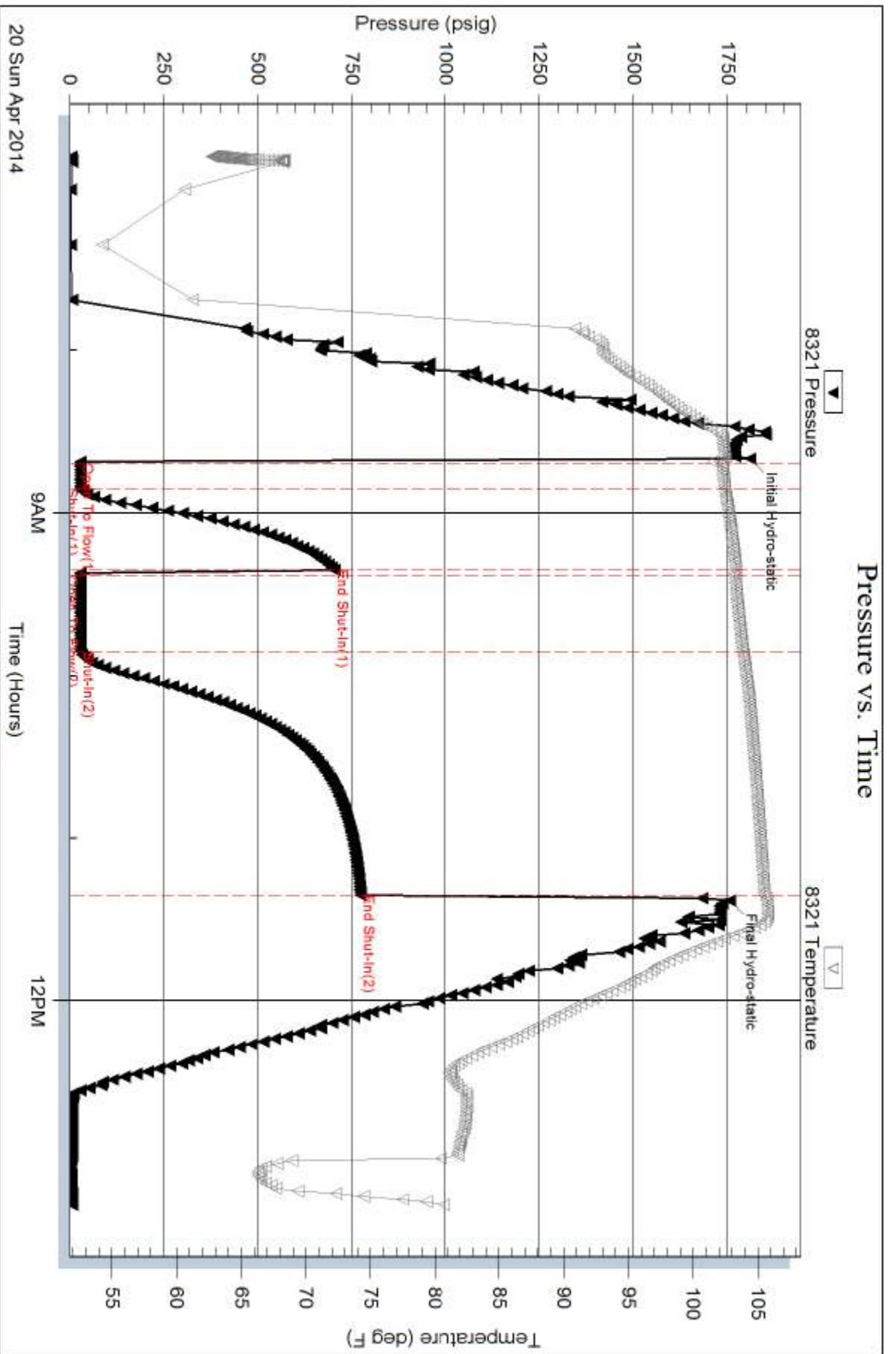
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000mL M@80PSI



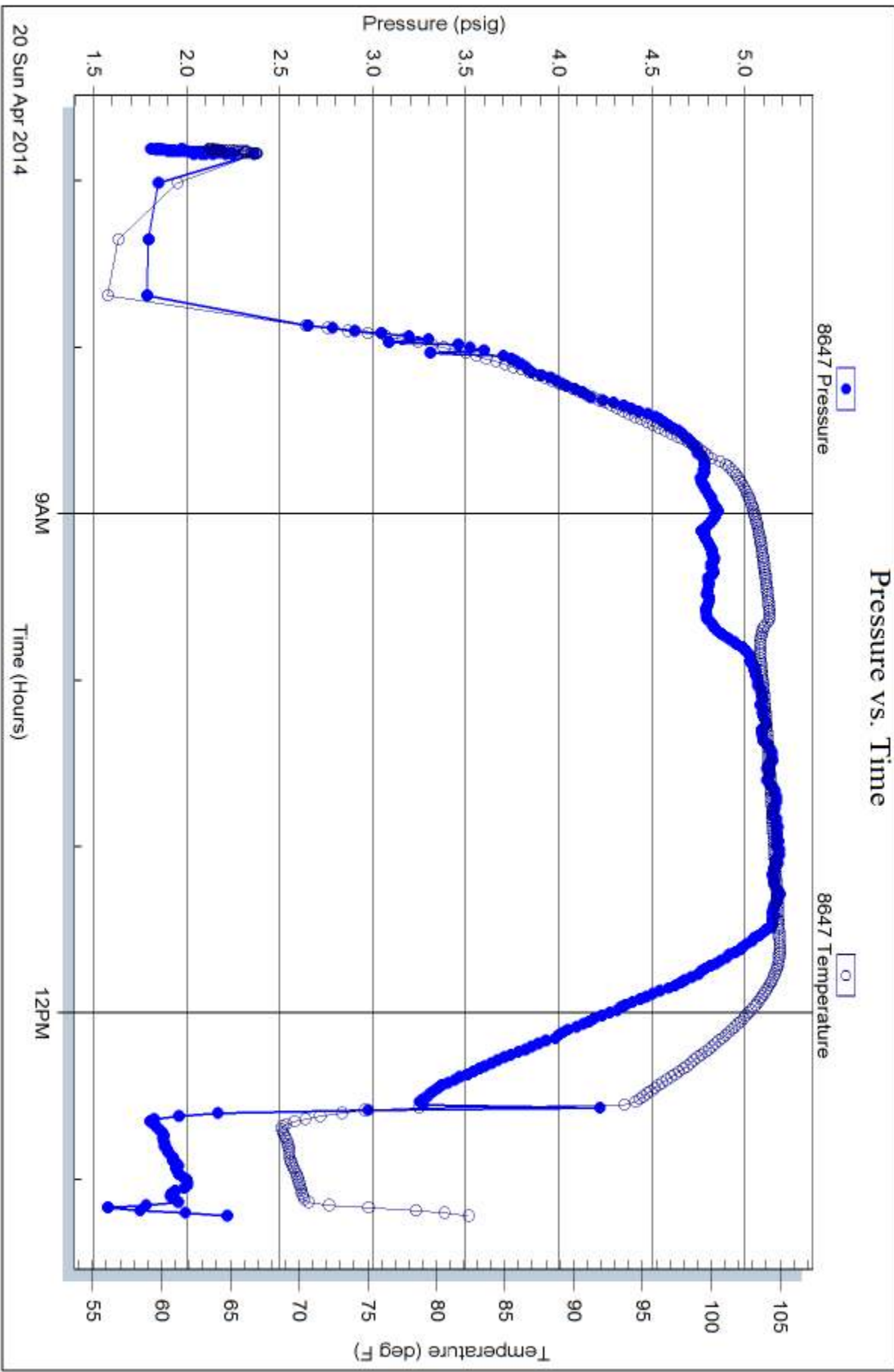
Serial #: 8647

Fluid

McBvain Energy, Inc.

Brassfield #11-9

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58761

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