



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McElvain Energy Inc.

27-10s-22w-Graham Co.

1050 17th STE 2500
Denver CO 80265

Faulkner #27-13

Job Ticket: 60981

DST#: 3

ATTN: Rodney Gonzales

Test Start: 2014.11.22 @ 22:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:18:30

Time Test Ended: 09:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 77

Interval: 3948.00 ft (KB) To 3972.00 ft (KB) (TVD)

Reference Elevations: 2301.00 ft (KB)

Total Depth: 3972.00 ft (KB) (TVD)

2291.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8898 Outside

Press @ Run Depth: 54.24 psig @ 3949.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.22

End Date: 2014.11.23

Last Calib.: 2014.11.23

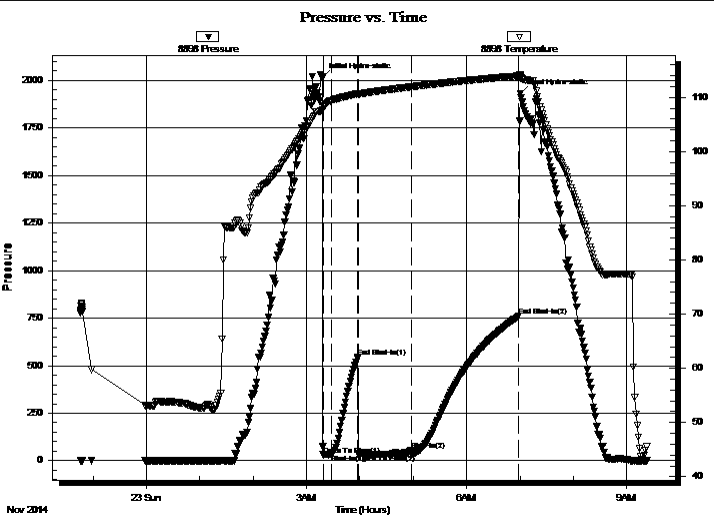
Start Time: 22:46:01

End Time: 09:22:30

Time On Btm: 2014.11.23 @ 03:18:00

Time Off Btm: 2014.11.23 @ 07:00:09

TEST COMMENT: 10-IF-Built to 2"
30-ISI-No Return
60-FF-No Blow
120-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2012.85	107.63	Initial Hydro-static
1	30.78	108.54	Open To Flow (1)
11	32.39	109.44	Shut-In(1)
40	545.94	110.66	End Shut-In(1)
41	32.52	110.48	Open To Flow (2)
100	54.24	111.95	Shut-In(2)
221	760.95	113.94	End Shut-In(2)
223	1931.73	113.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, w ith oil spots, 100%m	0.28

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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1050 17th STE 2500
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Faulkner #27-13

Job Ticket: 60981

DST#: 3

ATTN: Rodney Gonzales

Test Start: 2014.11.22 @ 22:46:00

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: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 6.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	M, w ith oil spots, 100%m	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

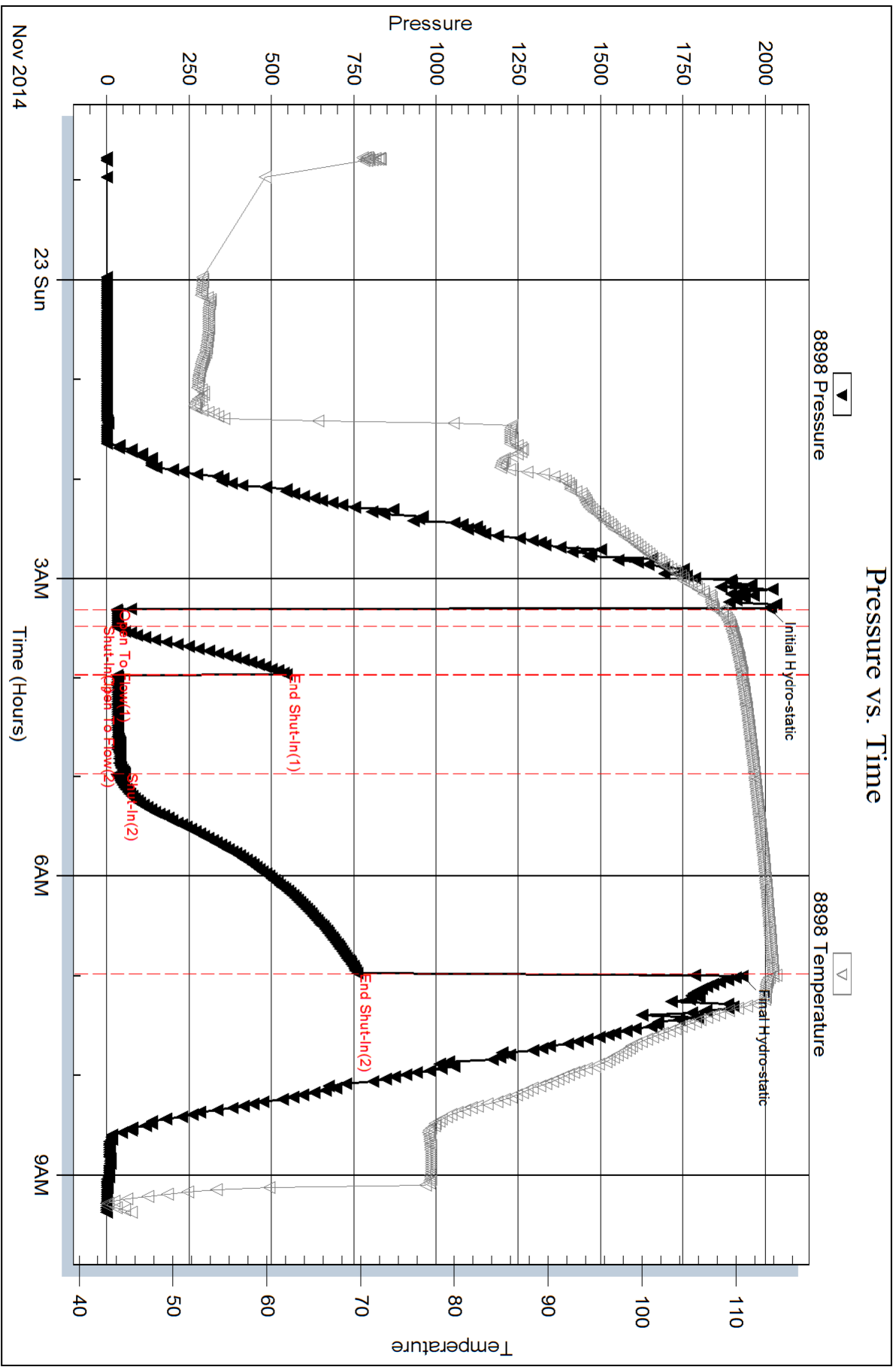
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



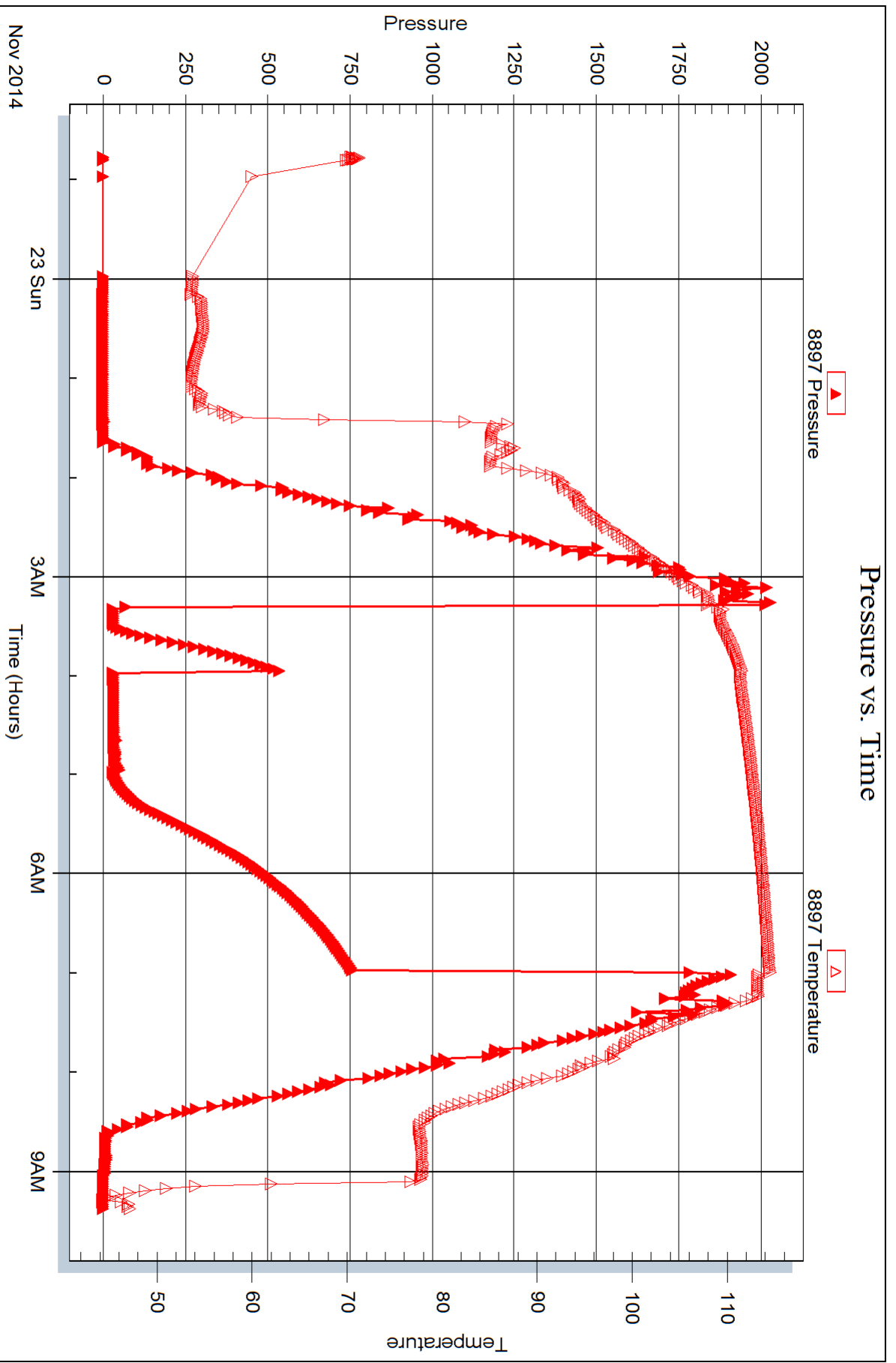
Serial #: 8897

Inside

McElvain Energy Inc.

Faulkner #27-13

DST Test Number: 3



Serial #: 8354

Fluid

McElvain Energy Inc.

Faulkner #27-13

DST Test Number: 3

