



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McElvain Energy Inc
 1050 17th St.
 STE 2500
 Denver Co 80265-2080
 ATTN: Jim McKinney, Mike R

11-10s-22w Graham
Gustafson #11-6
 Job Ticket: 56244 **DST#: 2**
 Test Start: 2014.02.22 @ 21:05:30

GENERAL INFORMATION:

Formation: **LKC C-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:34:25
 Time Test Ended: 06:39:55
 Interval: **3604.00 ft (KB) To 3665.00 ft (KB) (TVD)**
 Total Depth: 3665.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2334.00 ft (KB)
 2324.00 ft (CF)
 KB to GR/CF: 10.00 ft

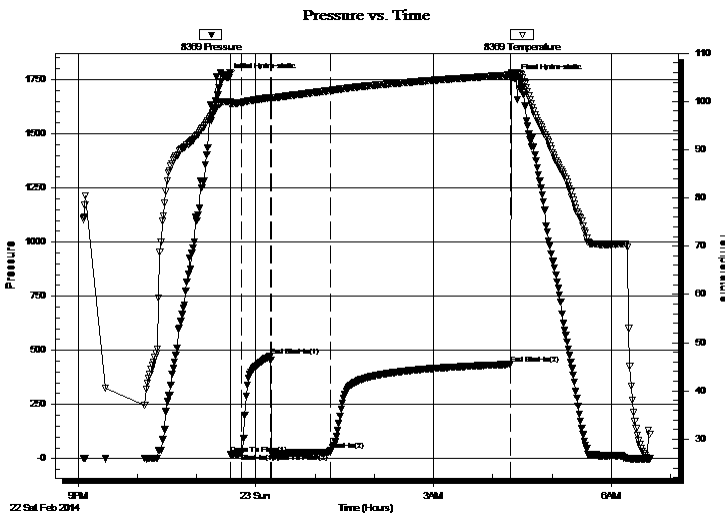
Serial #: 8369

Inside

Press @ Run Depth: 36.66 psig @ 3610.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.22 End Date: 2014.02.23 Last Calib.: 2014.02.23
 Start Time: 21:05:30 End Time: 06:39:55 Time On Btm: 2014.02.22 @ 23:31:10
 Time Off Btm: 2014.02.23 @ 04:21:39

TEST COMMENT: 10-IFP-w k bl thru-out 1/4"bl
 30-ISIP-no bl bk
 60-FFP-w k bl thru-out , surface bl
 180-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1761.07	99.94	Initial Hydro-static
4	20.08	99.27	Open To Flow (1)
15	23.55	99.78	Shut-In(1)
44	472.62	100.80	End Shut-In(1)
45	24.44	100.68	Open To Flow (2)
105	36.66	102.26	Shut-In(2)
287	435.10	105.47	End Shut-In(2)
291	1755.30	106.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCM 1%O99%M	0.28

* Recovery from multiple tests

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

Mud Weight: 10.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 5.38 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SOCM 1%O99%M	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

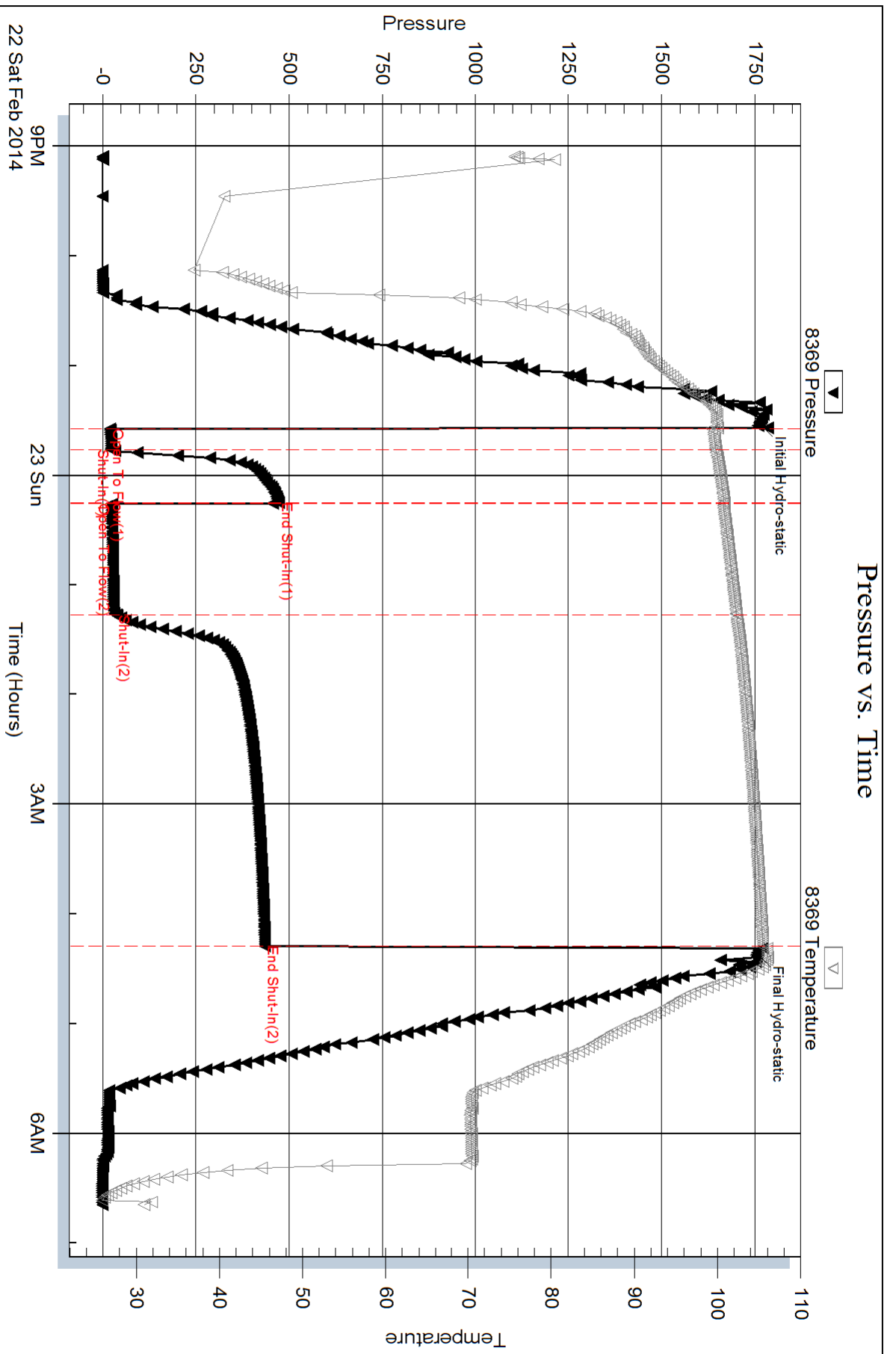
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data: PSI 100# 1500ML mud , trace of oil



Serial #: 8374

Fluid

McElvain Energy Inc

Gustafson #11-6

DST Test Number: 2

