



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: 56247 **DST#: 5**
 Test Start: 2014.02.24 @ 18:30:24

GENERAL INFORMATION:

Formation: **LKC K-L**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:57:04
 Tester: Ray Schwager
 Time Test Ended: 03:13:04
 Unit No: 70
Interval: 3750.00 ft (KB) To 3794.00 ft (KB) (TVD)
 Reference Elevations: 2334.00 ft (KB)
 Total Depth: 3794.00 ft (KB) (TVD)
 2324.00 ft (CF)
 Hole Diameter: 7.85 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

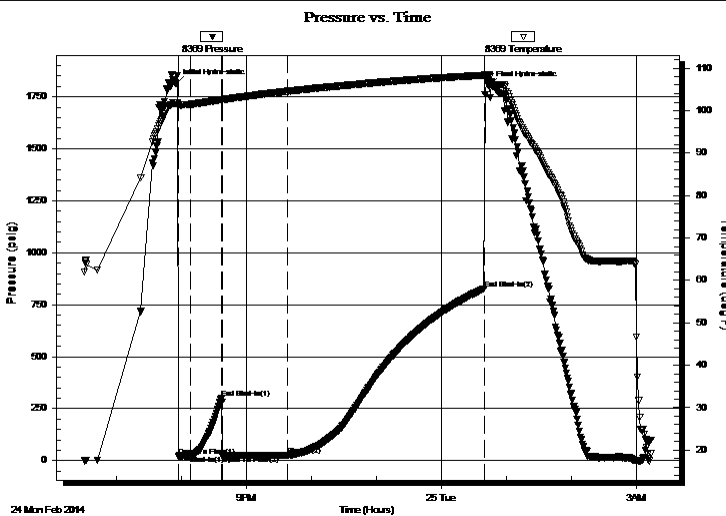
Serial #: 8369

Inside

Press @ Run Depth: 25.32 psig @ 3759.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.24 End Date: 2014.02.25 Last Calib.: 2014.02.25
 Start Time: 18:30:24 End Time: 03:13:04 Time On Btm: 2014.02.24 @ 19:54:49
 Time Off Btm: 2014.02.25 @ 00:44:18

TEST COMMENT: 10-IFP-w k bl , 1/2"bl
 30-ISIP-no bl
 60-FFP-no bl
 180-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1813.68 | 101.76 | Initial Hydro-static |
| 3 | 22.49 | 101.20 | Open To Flow (1) |
| 13 | 23.52 | 101.47 | Shut-In(1) |
| 42 | 301.45 | 102.60 | End Shut-In(1) |
| 43 | 23.75 | 102.55 | Open To Flow (2) |
| 104 | 25.32 | 104.56 | Shut-In(2) |
| 285 | 827.67 | 108.31 | End Shut-In(2) |
| 290 | 1803.34 | 108.42 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud | 0.07 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



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Gustafson #11-6
 Job Ticket: 56247 **DST#: 5**
 Test Start: 2014.02.24 @ 18:30:24

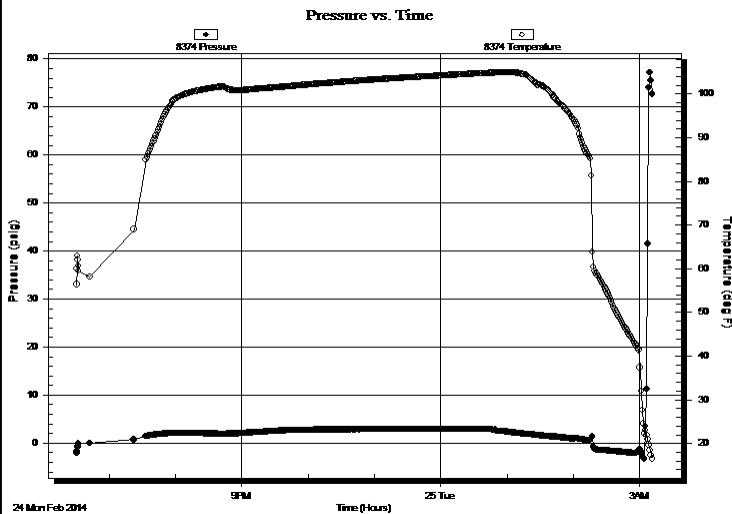
GENERAL INFORMATION:

Formation: **LKC K-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:57:04
 Time Test Ended: 03:13:04
 Interval: **3750.00 ft (KB) To 3794.00 ft (KB) (TVD)**
 Total Depth: 3794.00 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 #: 8374 Fluid

Press @ Run Depth: psig @ 3715.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.24 End Date: 2014.02.25 Last Calib.: 2014.02.25
 Start Time: 18:30:39 End Time: 03:11:34 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10-IFP-w k bl , 1/2"bl
 30-ISIP-no bl
 60-FFP-no bl
 180-FSIP-no bl



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud | 0.07 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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: 56247 **DST#: 5**
Test Start: 2014.02.24 @ 18:30:24

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: bbl | | |
| Water Loss: 6.00 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 2400.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

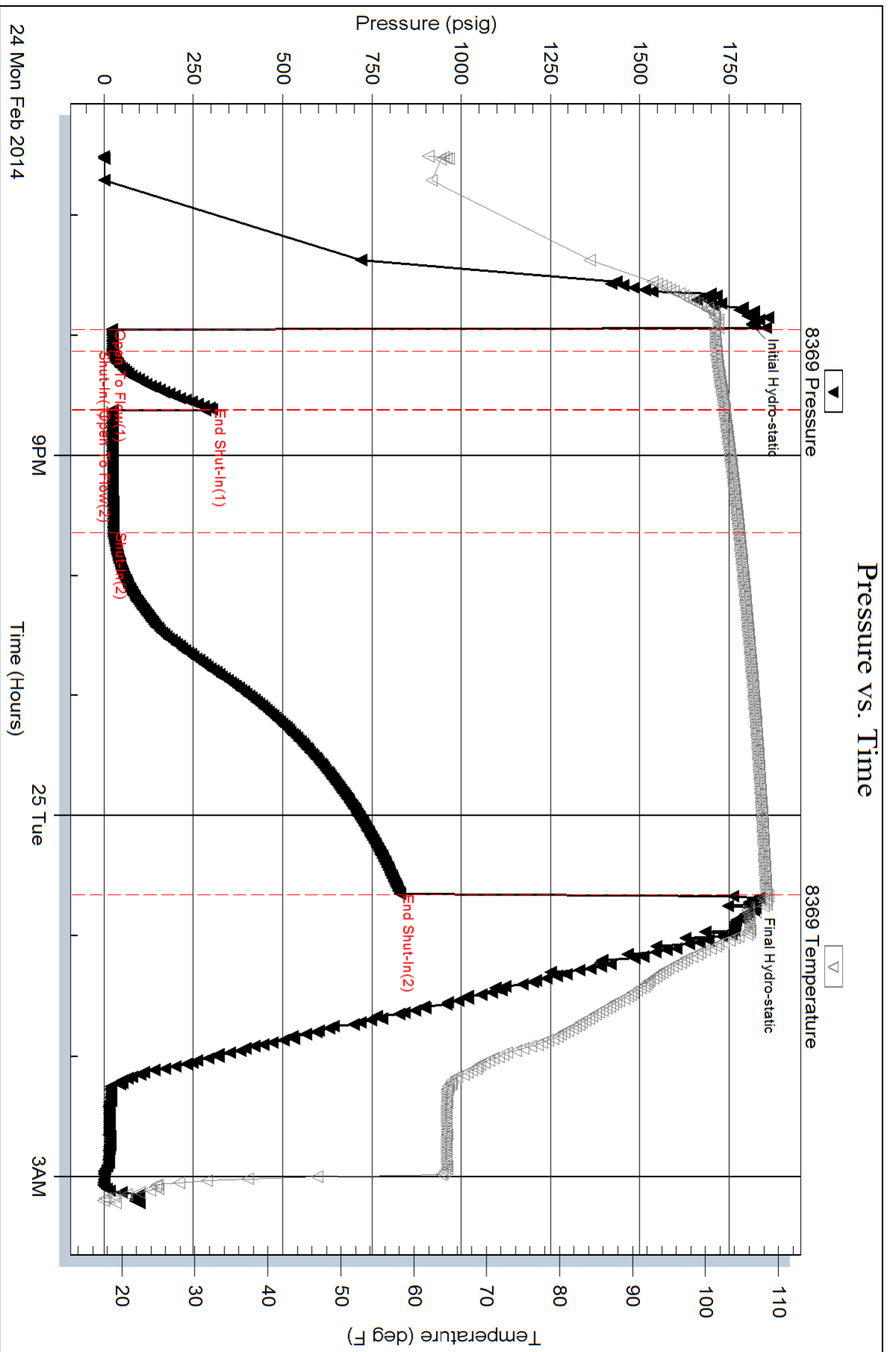
| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | Mud | 0.070 |

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler Data: PSI 40 # 1000MLmud



Serial #: 8374

Fluid

McElvain Energy Inc

Gustafson #11-6

DST Test Number: 5

