



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McElvain Energy Inc
1050 17th STE 2500
Denver, Co 80265
ATTN: Rodney Gonzalas

30-10S-21W Graham
Grecian #30-15
Job Ticket: 56086 **DST#: 4**
Test Start: 2014.03.08 @ 03:41:00

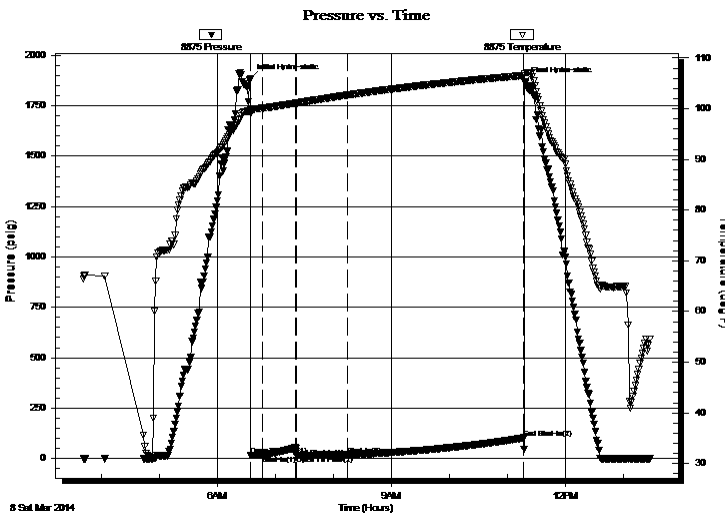
GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:34:15
Time Test Ended: 13:28:00
Interval: **3793.00 ft (KB) To 3840.00 ft (KB) (TVD)**
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 73
Reference Elevations: 2229.00 ft (KB)
2219.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8875 Outside
Press @ Run Depth: 17.94 psig @ 3837.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.03.08 End Date: 2014.03.08 Last Calib.: 2014.03.08
Start Time: 03:41:05 End Time: 13:28:00 Time On Btm: 2014.03.08 @ 06:34:00
Time Off Btm: 2014.03.08 @ 11:17:45

TEST COMMENT: 10 - IF- 3/4" blow
30 - IS- No return
60 - FF- Surface blow
180 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1886.25	99.81	Initial Hydro-static
1	15.98	99.13	Open To Flow (1)
12	16.78	100.10	Shut-In(1)
47	52.84	101.10	End Shut-In(1)
47	17.01	101.10	Open To Flow (2)
100	17.94	102.68	Shut-In(2)
283	102.18	106.56	End Shut-In(2)
284	1868.55	107.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud, with oil spots, 100%M	0.04

* Recovery from multiple tests

Gas Rates

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



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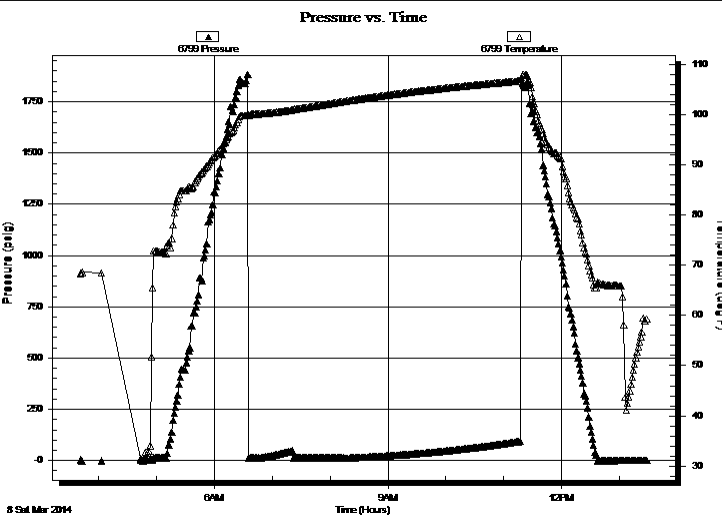
30-10S-21W Graham
Grecian #30-15
 Job Ticket: 56086 **DST#: 4**
 Test Start: 2014.03.08 @ 03:41:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:34:15 Tester: Cody Bloedorn
 Time Test Ended: 13:28:00 Unit No: 73
Interval: 3793.00 ft (KB) To 3840.00 ft (KB) (TVD)
 Reference Elevations: 2229.00 ft (KB)
 Total Depth: 3840.00 ft (KB) (TVD) 2219.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 10.00 ft

Serial #: 6799 Inside
 Press @ Run Depth: psig @ 3837.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.08 End Date: 2014.03.08 Last Calib.: 2014.03.08
 Start Time: 03:41:05 End Time: 13:28:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10 - IF- 3/4" blow
 30 - IS- No return
 60 - FF- Surface blow
 180 - FS- No return



PRESSURE SUMMARY

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

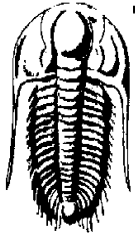
Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud, with oil spots, 100%M	0.04

Gas Rates

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

* Recovery from multiple tests



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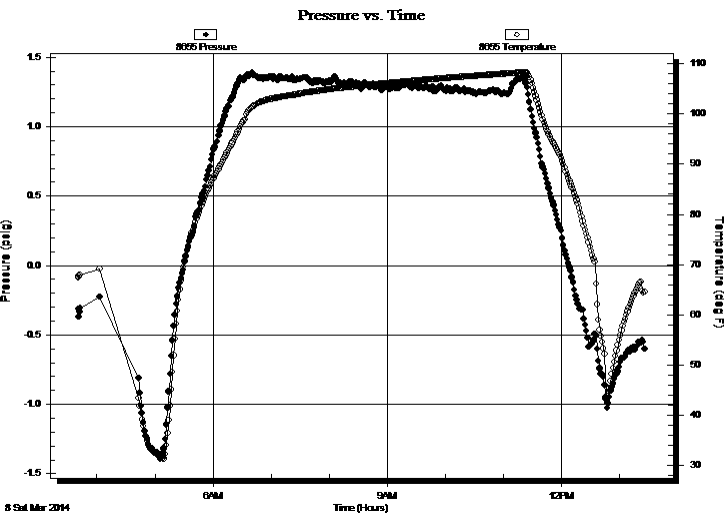
30-10S-21W Graham
Grecian #30-15
Job Ticket: 56086 **DST#: 4**
Test Start: 2014.03.08 @ 03:41:00

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:34:15
Time Test Ended: 13:28:00
Interval: **3793.00 ft (KB) To 3840.00 ft (KB) (TVD)**
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 73
Reference Elevations: 2229.00 ft (KB)
2219.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8655 **Fluid**
Press @ RunDepth: psig @ 3759.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.03.08 End Date: 2014.03.08 Last Calib.: 2014.03.08
Start Time: 03:41:05 End Time: 13:26:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 10 - IF- 3/4" blow
30 - IS- No return
60 - FF- Surface blow
180 - FS- No return



PRESSURE SUMMARY

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

Recovery

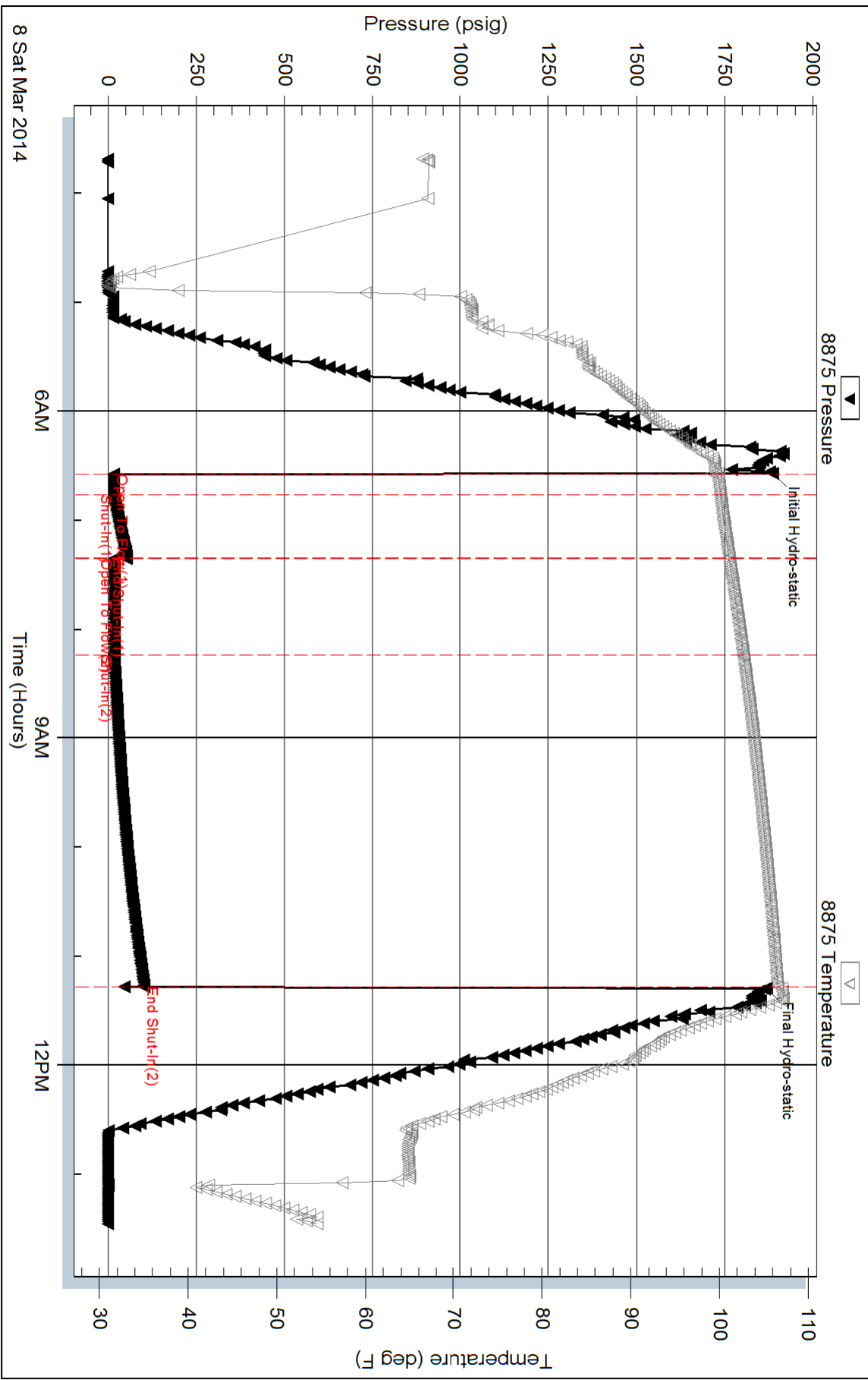
Length (ft)	Description	Volume (bbl)
3.00	Mud, with oil spots, 100%M	0.04

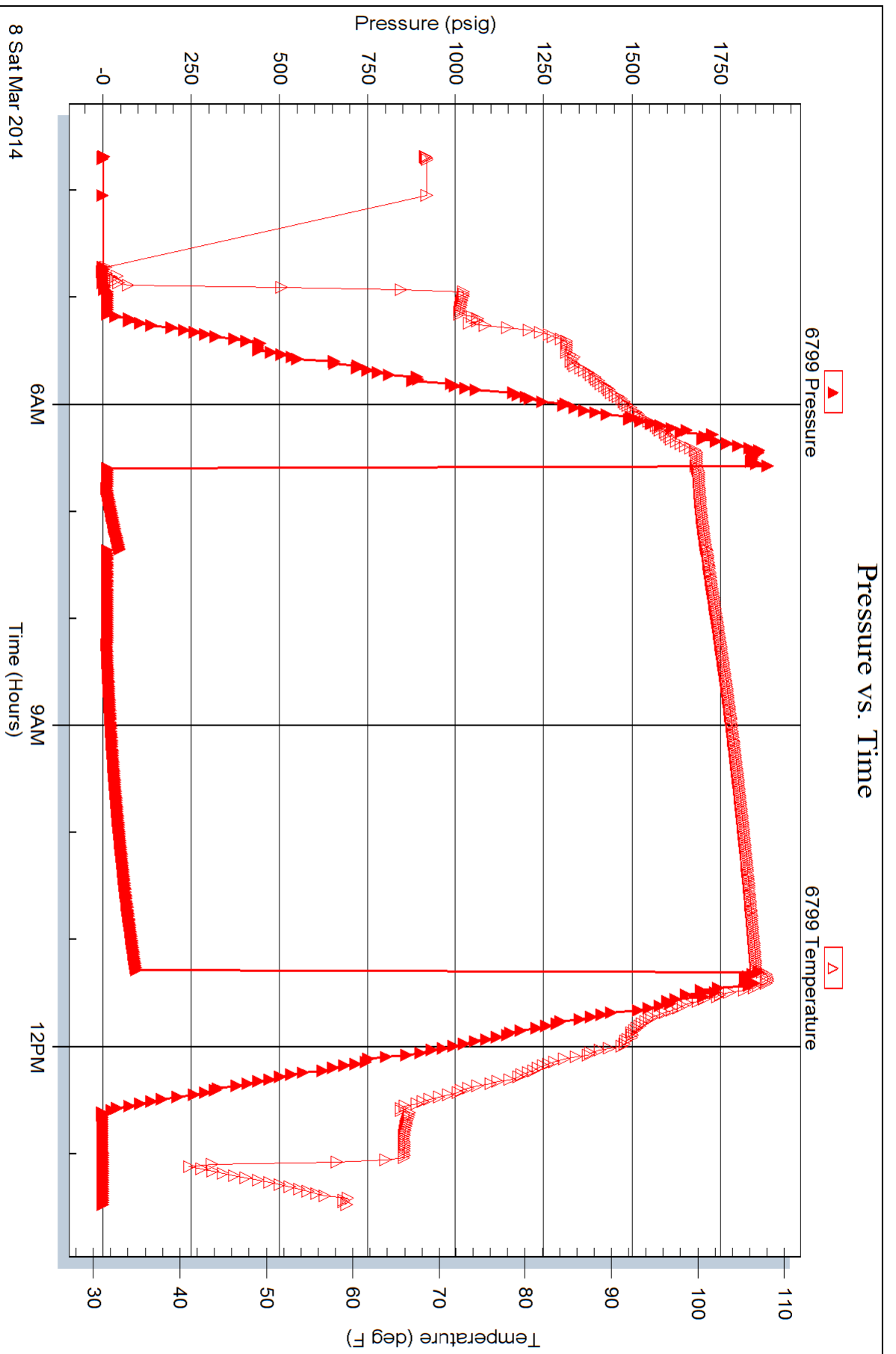
* Recovery from multiple tests

Gas Rates

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

Pressure vs. Time





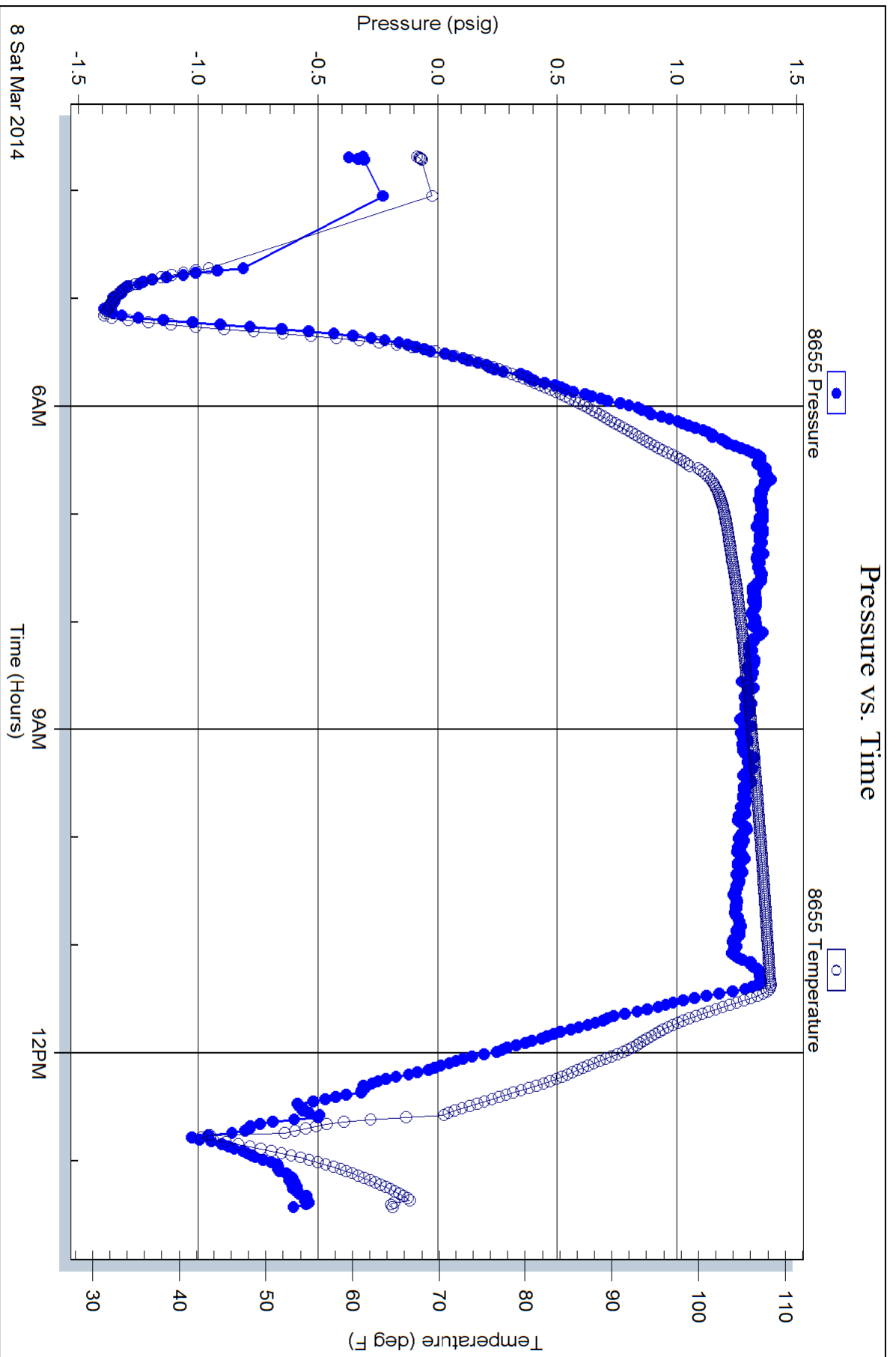
Serial #: 8655

Fluid

McElvain Energy Inc

Greician #30-15

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 56086

Printed: 2014.03.09 @ 08:38:00