



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1172489
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1172489

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Grecian 30-15
Doc ID	1172489

All Electric Logs Run

Neutron Density
Microresistivity
Induction
Sonic

Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Grecian 30-15
Doc ID	1172489

Tops

Name	Top	Datum
Stone Corral	1710	509
Base Stone Corral	1753	476
Wellington Salt	2077	152
Base Wellington Salt	2196	33
Chase	2439	-210
Admire	2854	-625
Waubunsee	3107	-878
Topeka	3271	-1042
Heebner	3482	-1253
Toronto	3504	-1275
Lansing	3520	-1291
LKC "A"	3520	-1291
LKC "B"	3540	-1311
LKC "C"	3560	-1331
LKC "D"	3576	-1347
LKC "E"	3595	-1366
LKC "F"	3605	-1376
LKC "G"	3617	-1388
LKC "H"	3632	-1403
LKC "I"	3665	-1436
LKC "J"	3704	-1475
LKC "K"	3725	-1496
LKC "L"	3747	-1518
Base KC	3755	-1526

Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Grecian 30-15
Doc ID	1172489

Tops

Name	Top	Datum
Marmaton	3788	-1559
Pawnee	3817	-1588
LKC "A"	3832	-1603
Conglomerate	3869	-1640
Arbuckle	3913	-1684
TD	4000	-1771



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

30-10S-21W Graham,KS

Grecian #30-15

Job Ticket: 56085 **DST#: 1**

Test Start: 2014.03.05 @ 11:06:00

GENERAL INFORMATION:

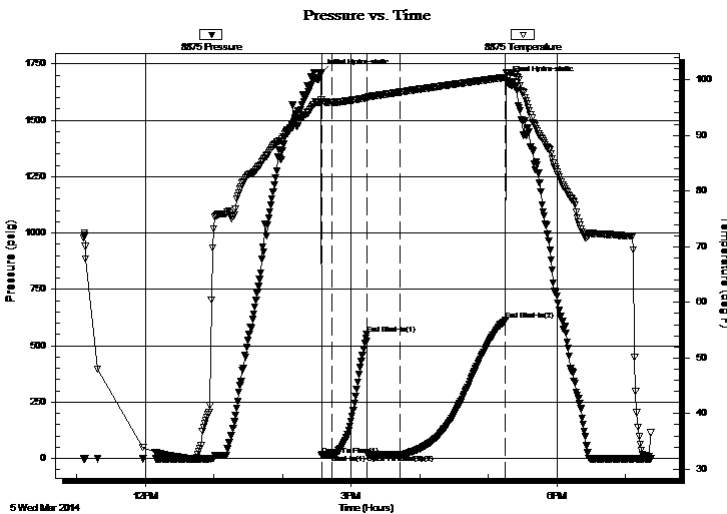
Formation: **LKC B-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:34:00
 Time Test Ended: 19:22:15
 Interval: **3540.00 ft (KB) To 3584.00 ft (KB) (TVD)**
 Total Depth: 3584.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Tim Phillips
 Unit No: 73
 Reference Elevations: 2229.00 ft (KB)
 2219.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8875 Outside

Press@RunDepth: 16.23 psig @ 3581.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.05 End Date: 2014.03.05 Last Calib.: 2014.03.05
 Start Time: 11:06:05 End Time: 19:22:14 Time On Btm: 2014.03.05 @ 14:33:45
 Time Off Btm: 2014.03.05 @ 17:15:45

TEST COMMENT: IFP- Blow built to 3/4 in
 IS-Dead no blow back
 FF-Blow built to 1 1/4 in
 FS- Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.68	96.34	Initial Hydro-static
1	14.13	95.86	Open To Flow (1)
10	16.99	95.92	Shut-In(1)
40	550.44	96.76	End Shut-In(1)
41	20.57	96.64	Open To Flow (2)
70	16.23	97.77	Shut-In(2)
161	613.35	100.40	End Shut-In(2)
162	1675.38	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	SOCM 10% O, 90% M	0.11
2.00	CO 100% O	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

30-10S-21W Graham,KS

Grecian #30-15

Job Ticket: 56085 **DST#: 1**

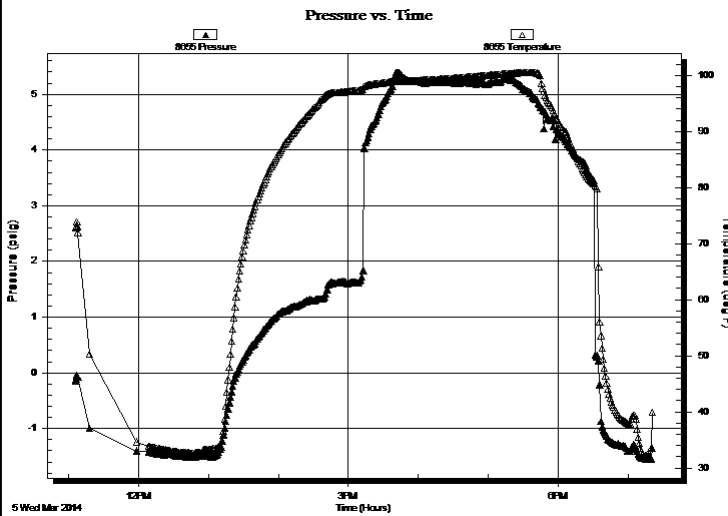
Test Start: 2014.03.05 @ 11:06:00

GENERAL INFORMATION:

Formation: **LKC B-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:34:00
 Time Test Ended: 19:22:15
 Interval: **3540.00 ft (KB) To 3584.00 ft (KB) (TVD)**
 Total Depth: 3584.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Tim Phillips
 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 @ 3506.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.05 End Date: 2014.03.05 Last Calib.: 2014.03.05
 Start Time: 11:06:05 End Time: 19:20:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP- Blow built to 3/4 in
 IS-Dead no blow back
 FF-Blow built to 1 1/4 in
 FS-Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
8.00	SOCM 10% O, 90% M	0.11
2.00	CO 100% O	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

30-10S-21W Graham,KS
Grecian #30-15
Job Ticket: 56085 **DST#: 1**
Test Start: 2014.03.05 @ 11:06:00

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	SOCM 10% O, 90% M	0.112
2.00	CO 100% O	0.028

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Laboratory Name: Laboratory Location:

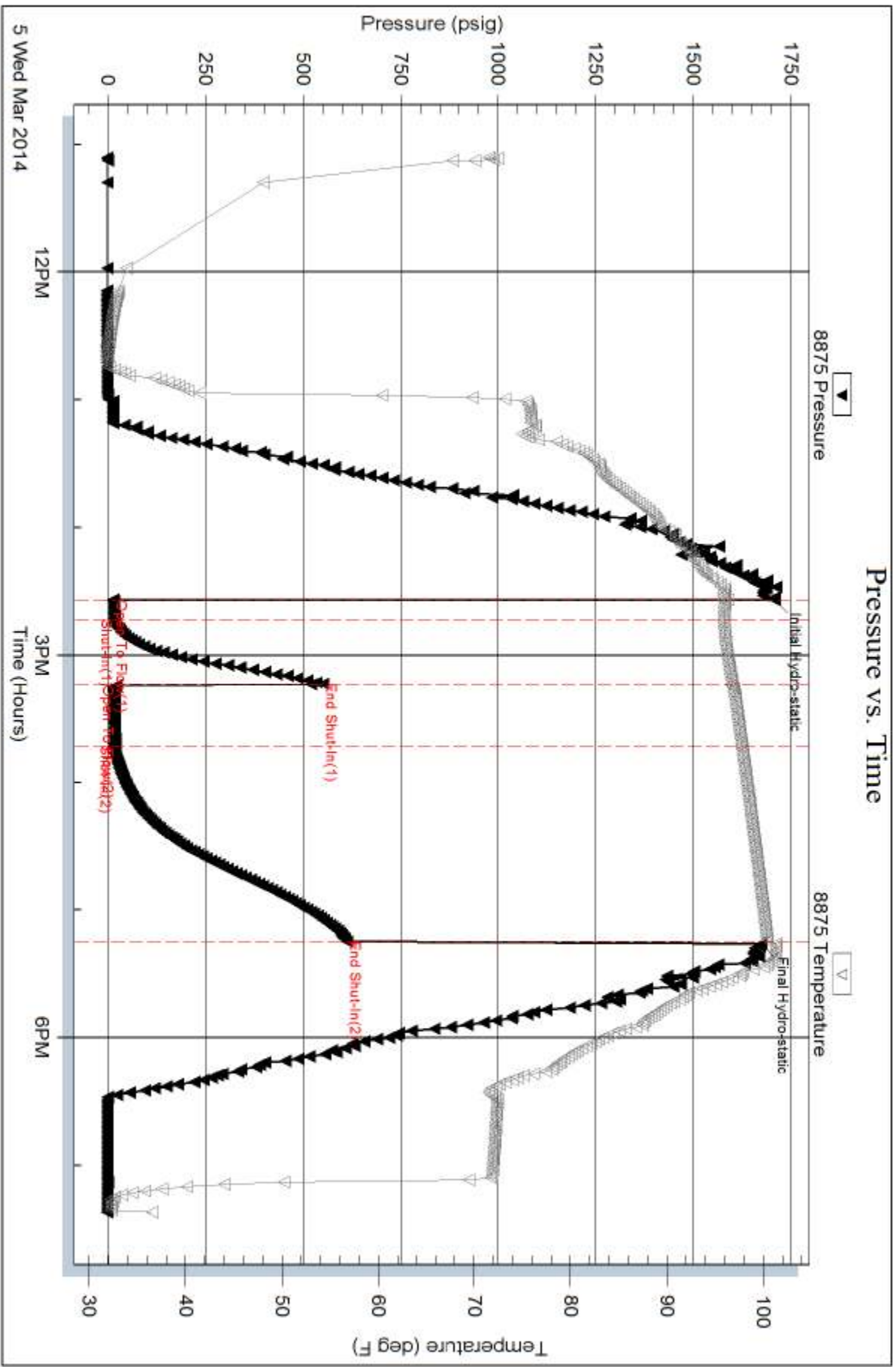
Recovery Comments: Sampler 2500ml of SOCM at 50 psi

Serial #: 8875

Outside McElvain Energy Inc

Greilan #30-15

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56085

Printed: 2014.03.06 @ 07:45:37

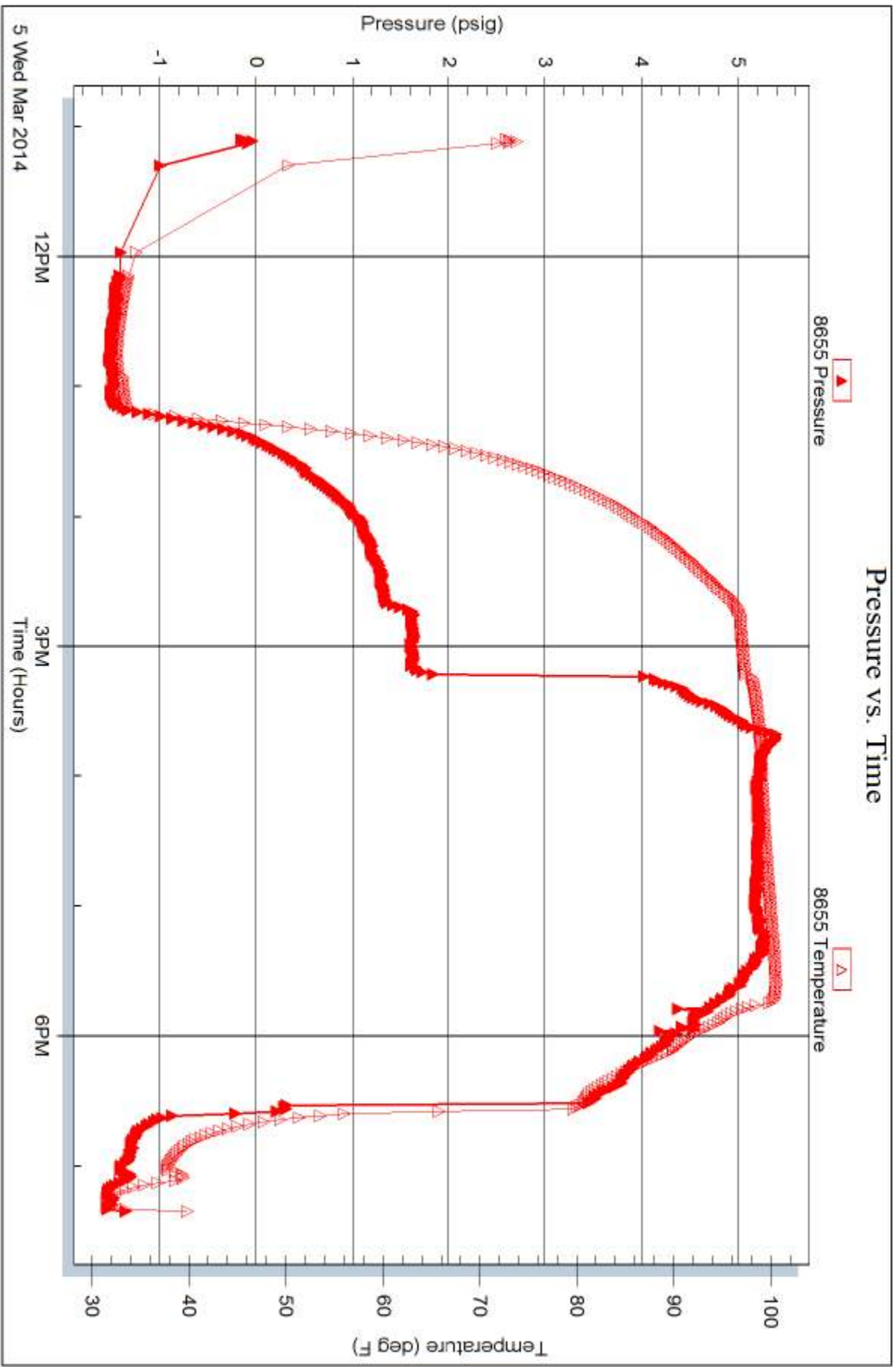
Serial #: 8655

Fluid

McEvain Energy Inc

Greclan #30-15

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56085

Printed: 2014.03.06 @ 07:45:37



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

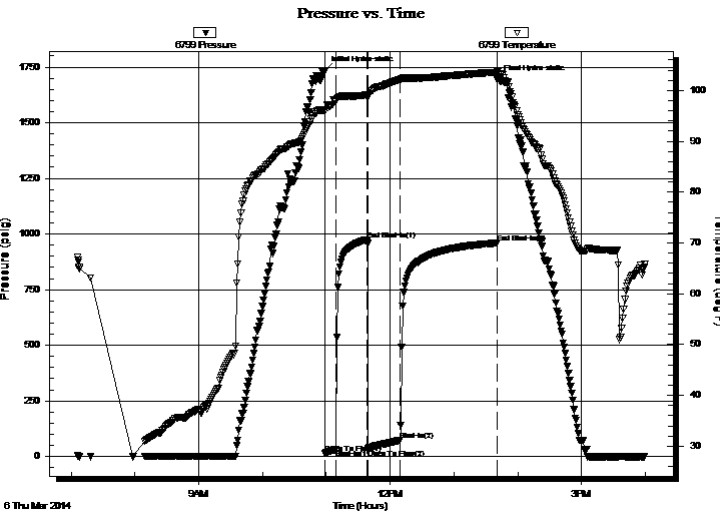
30-10S-21W Graham
Grecian #30-15
 Job Ticket: 56197 **DST#: 2**
 Test Start: 2014.03.06 @ 07:06:00

GENERAL INFORMATION:

Formation: **LKC E,F,G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:58:30
 Time Test Ended: 16:04:00
 Interval: **3584.00 ft (KB) To 3642.00 ft (KB) (TVD)**
 Total Depth: 3642.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tim Phillips
 Unit No: 73
 Reference Elevations: 2229.00 ft (KB)
 2219.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6799 Inside
 Press@RunDepth: 73.20 psig @ 3639.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.06 End Date: 2014.03.06 Last Calib.: 2014.03.06
 Start Time: 07:06:05 End Time: 15:59:23 Time On Btm: 2014.03.06 @ 10:58:15
 Time Off Btm: 2014.03.06 @ 13:40:45

TEST COMMENT: IFP-Blow built to 5 in
 ISI-Dead no blow back
 FF-Blow built to 9 in
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.85	96.15	Initial Hydro-static
1	14.01	95.82	Open To Flow (1)
11	31.98	97.81	Shut-In(1)
41	973.81	99.10	End Shut-In(1)
41	34.15	98.97	Open To Flow (2)
71	73.20	102.15	Shut-In(2)
162	959.70	103.56	End Shut-In(2)
163	1695.08	103.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
131.00	GOWCM 2%G,2%O, 36% W, 60%M	1.84
1.00	OCM 20% O, 80% M	0.01

* 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

30-10S-21W Graham

1050 17th STE 2500
Denver, Co 80265

Grecian #30-15

Job Ticket: 56197

DST#: 2

ATTN: Rodney Gonzalas

Test Start: 2014.03.06 @ 07:06:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
131.00	GOWCM 2%G,2%O, 36% W, 60%M	1.838
1.00	OCM 20% O, 80% M	0.014

Total Length: 132.00 ft Total Volume: 1.852 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

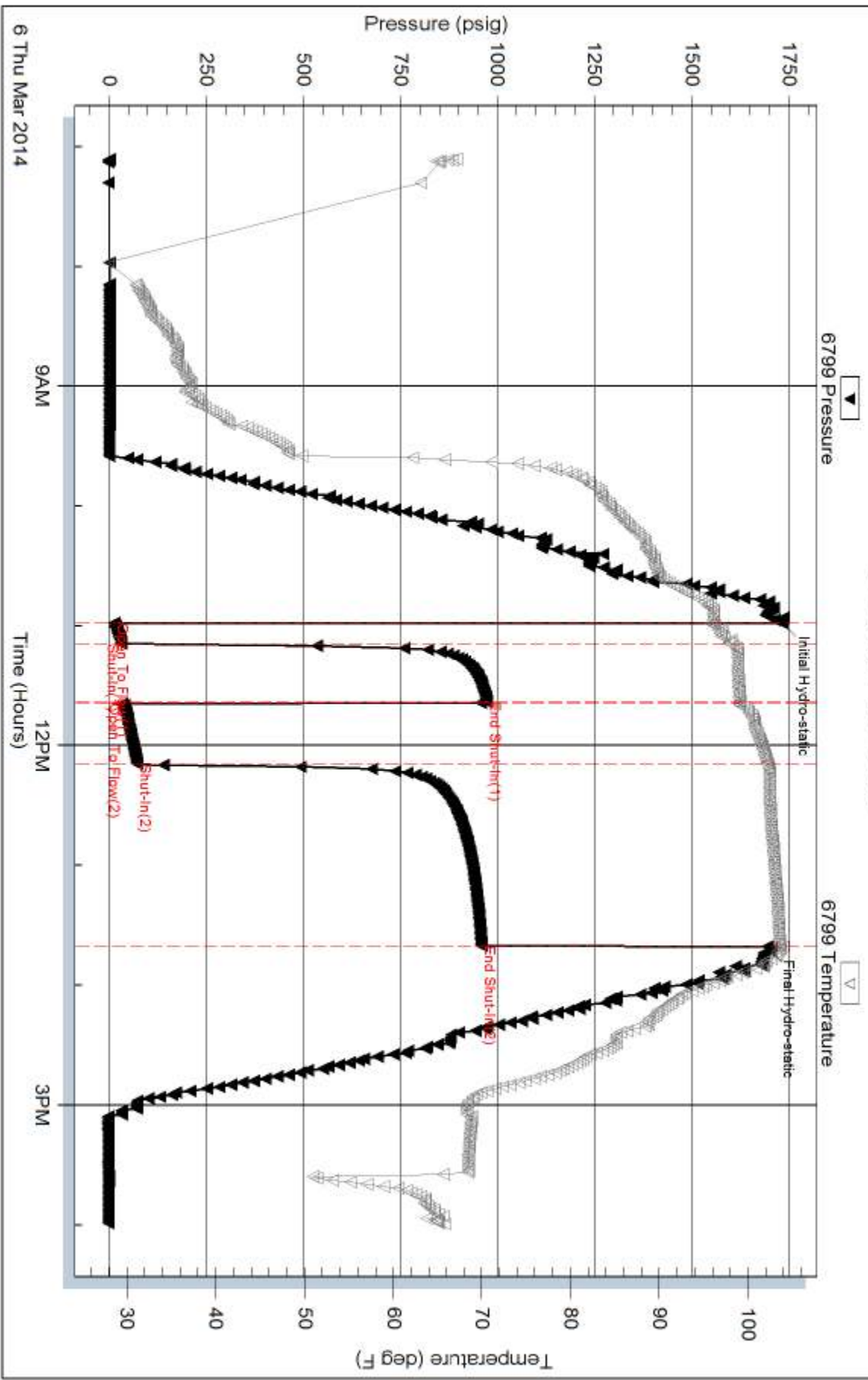
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000 ml OCM @ 50 psi

Pressure vs. Time



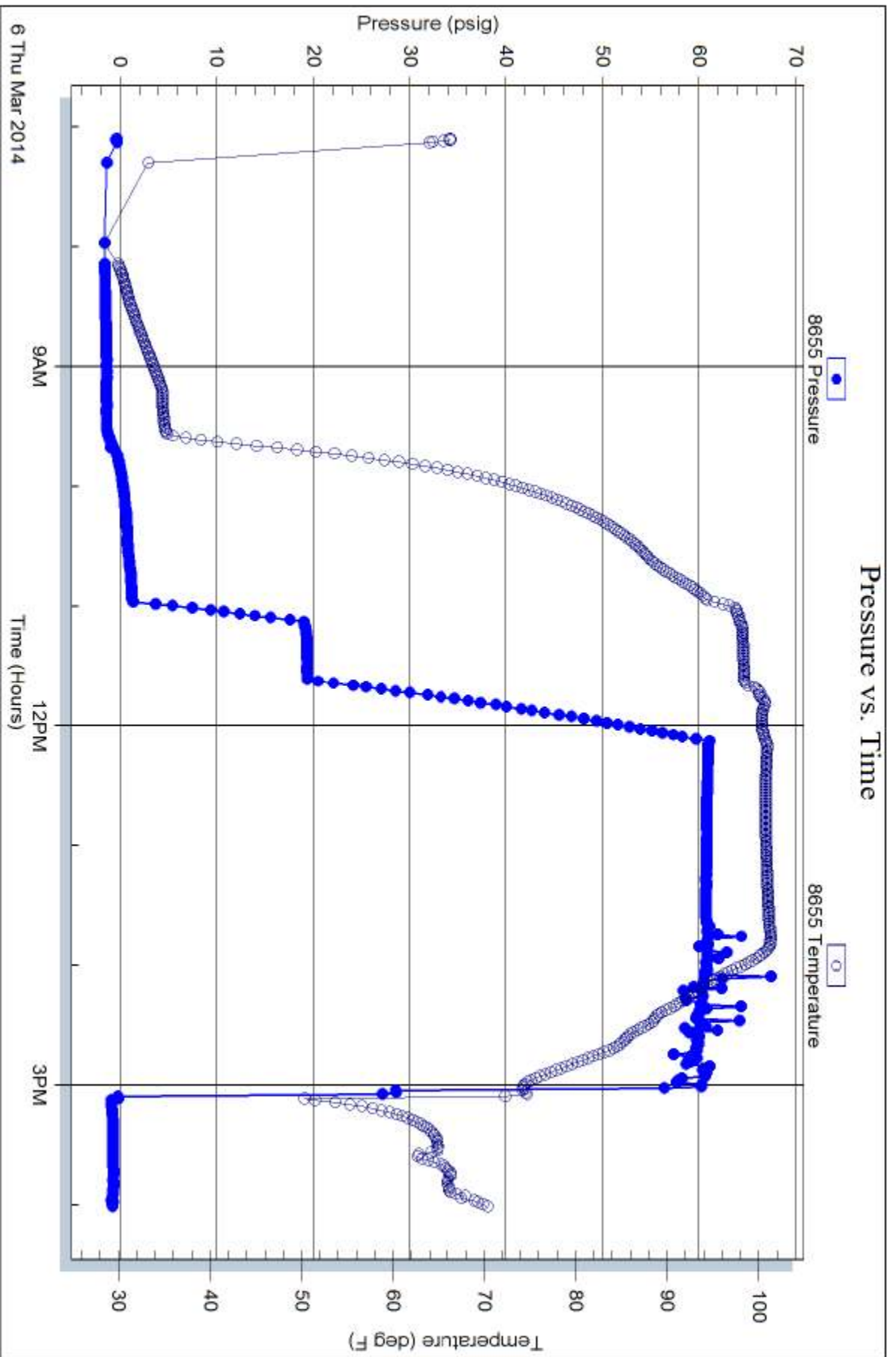
Serial #: 8655

Fluid

McEvain Energy Inc

Greclan #30-15

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

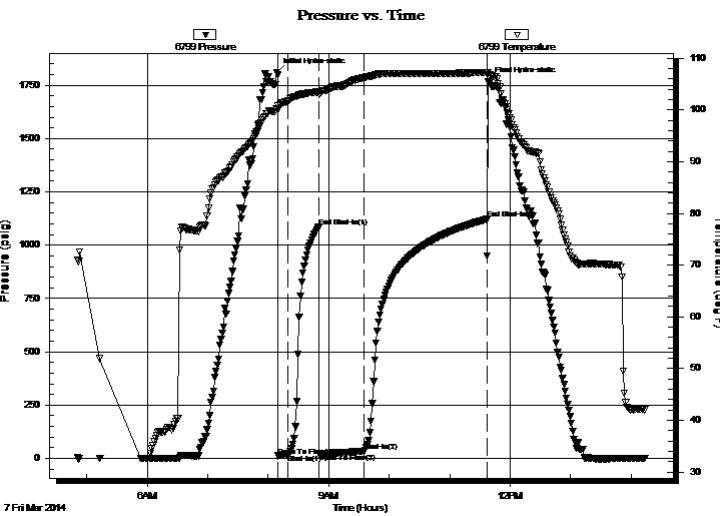
30-10S-21W Graham
Grecian #30-15
Job Ticket: 56198 **DST#: 3**
Test Start: 2014.03.07 @ 04:51:00

GENERAL INFORMATION:

Formation: **LKC H,I,J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:09:45
Time Test Ended: 14:15:00
Interval: **3682.00 ft (KB) To 3740.00 ft (KB) (TVD)**
Total Depth: 3740.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Tim Phillips
Unit No: 73
Reference Elevations: 2229.00 ft (KB)
2219.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6799 Inside
Press@RunDepth: 33.31 psig @ 3737.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.03.07 End Date: 2014.03.07 Last Calib.: 2014.03.07
Start Time: 04:51:05 End Time: 14:13:30 Time On Btm: 2014.03.07 @ 08:08:15
Time Off Btm: 2014.03.07 @ 11:38:15

TEST COMMENT: IFP- Blow built to 3.5 in
IS- Dead no blow back
FF- BOB in 28 min
FS- Blow back built to 1/2 in died back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.30	100.31	Initial Hydro-static
2	12.13	100.30	Open To Flow (1)
12	19.67	101.72	Shut-In(1)
42	1084.12	103.43	End Shut-In(1)
43	24.93	103.06	Open To Flow (2)
87	33.31	106.26	Shut-In(2)
209	1121.68	107.25	End Shut-In(2)
210	1766.79	107.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	CO 100% O	0.91
5.00	HOCM 50%O, 50% M	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 STE 2500
Denver, Co 80265
ATTN: Rodney Gonzalas

30-10S-21W Graham
Grecian #30-15
Job Ticket: 56198 **DST#: 3**
Test Start: 2014.03.07 @ 04:51:00

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

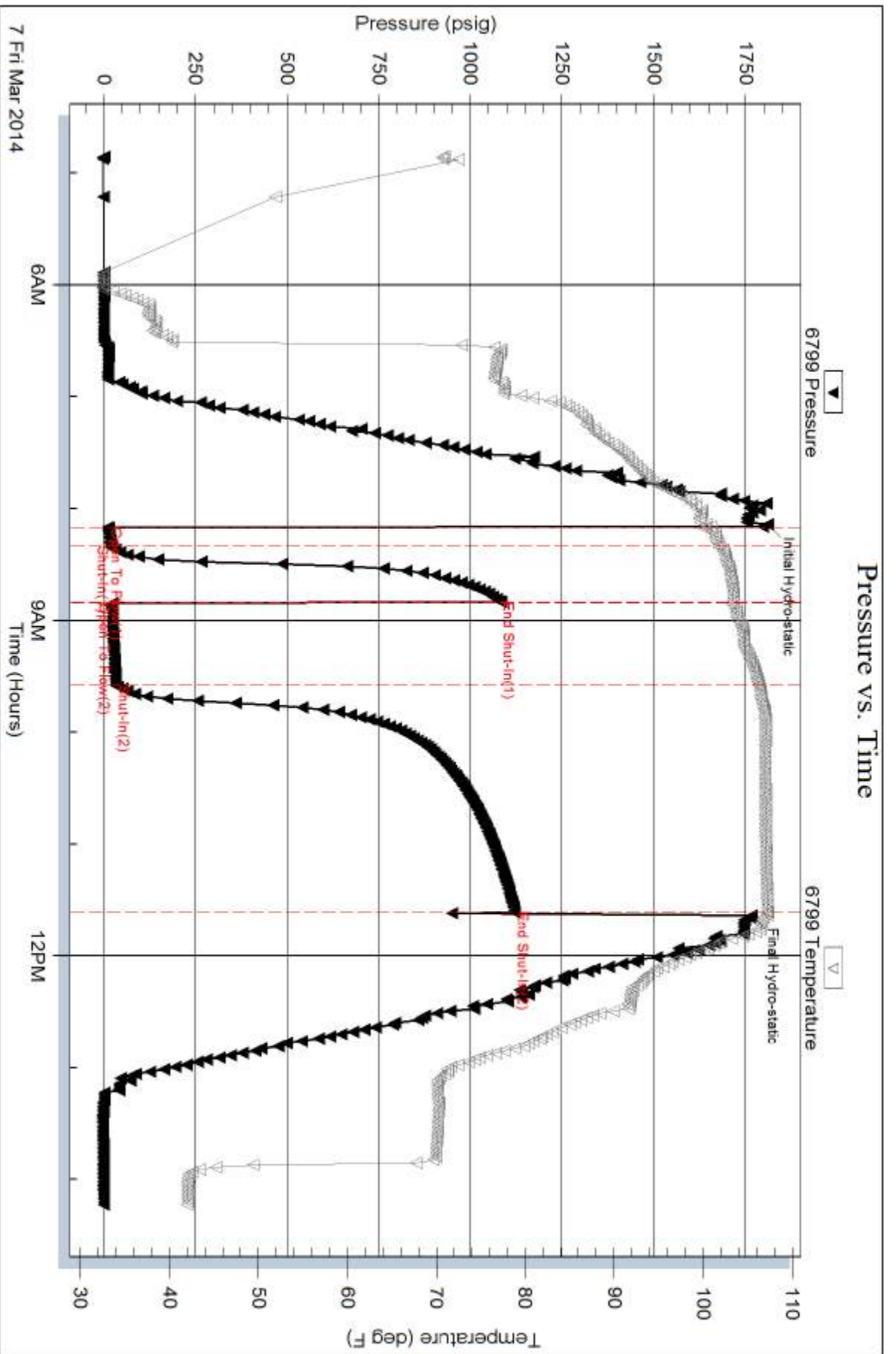
Length ft	Description	Volume bbl
65.00	CO 100% O	0.912
5.00	HOCM 50%O, 50% M	0.070

Total Length: 70.00 ft Total Volume: 0.982 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler: 2500 ml CO at 290psi



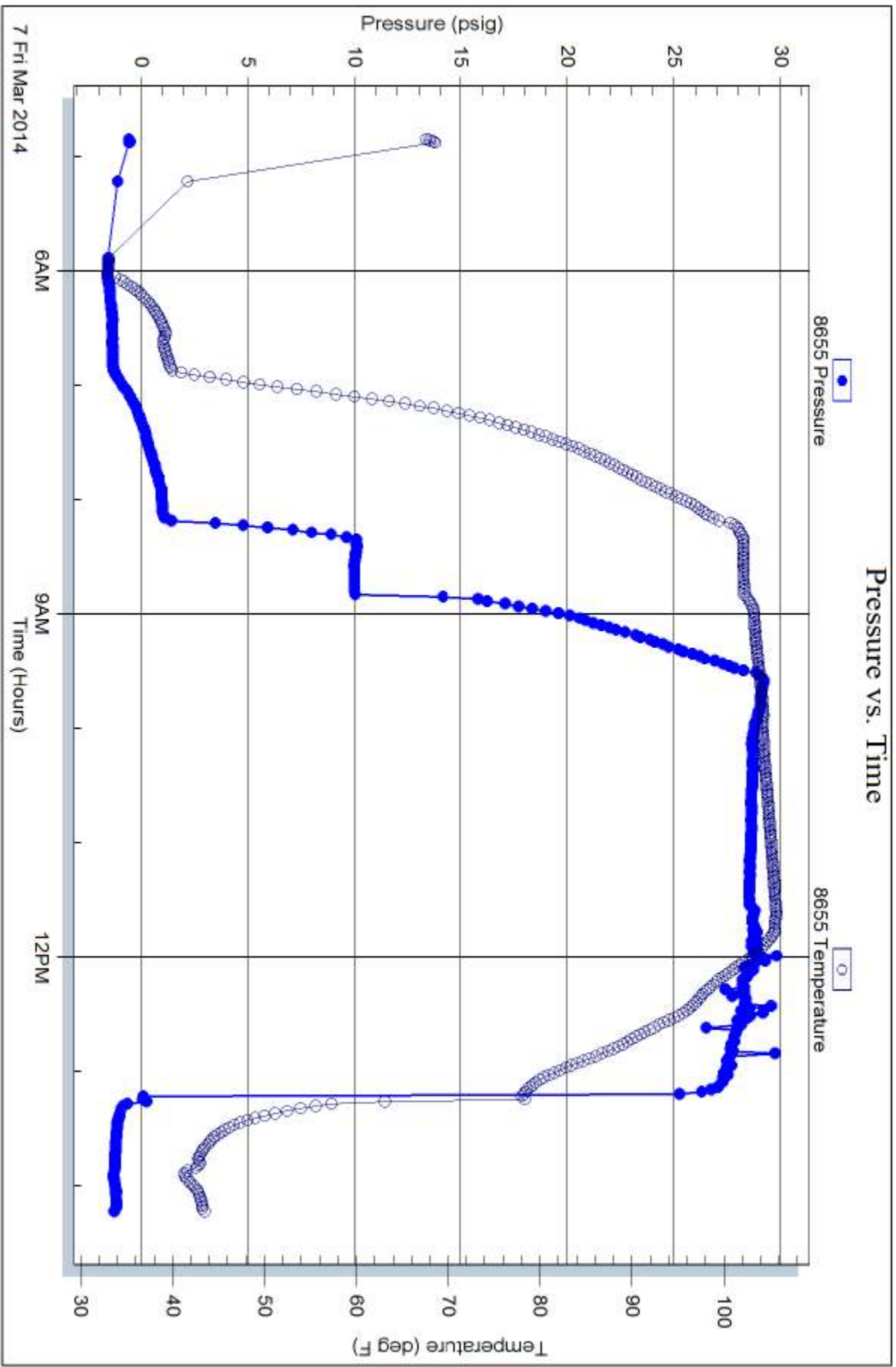
Serial #: 8655

Fluid

McEvain Energy Inc

Greclan #30-15

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56198

Printed: 2014.03.07 @ 14:55:18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

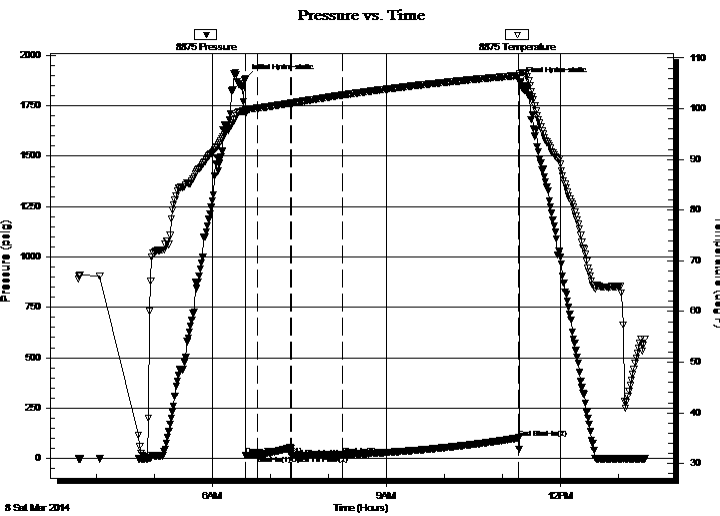
30-10S-21W Graham
Grecian #30-15
 Job Ticket: 56086 **DST#: 4**
 Test Start: 2014.03.08 @ 03:41:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 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 #: 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

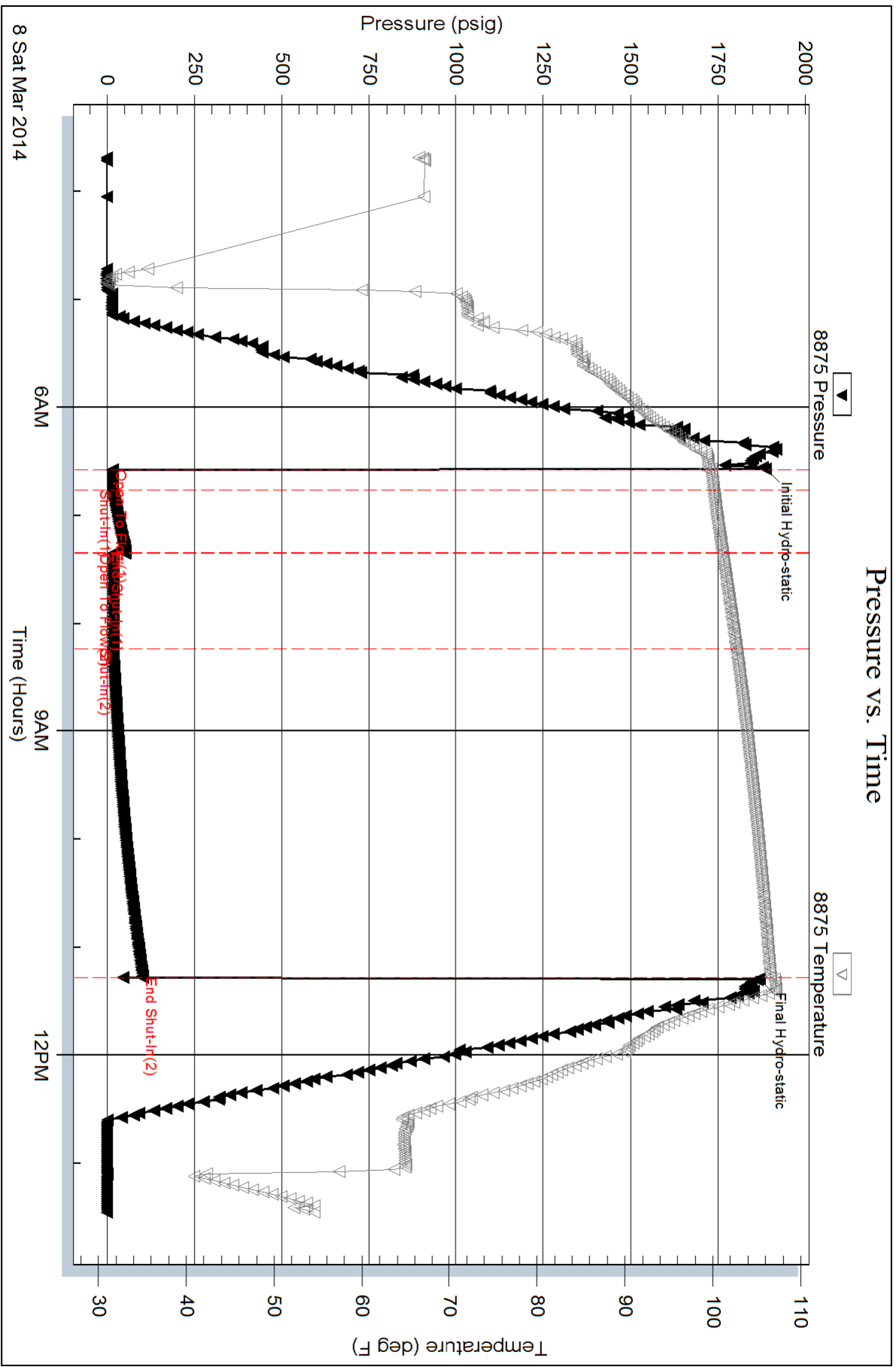
Recovery

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)



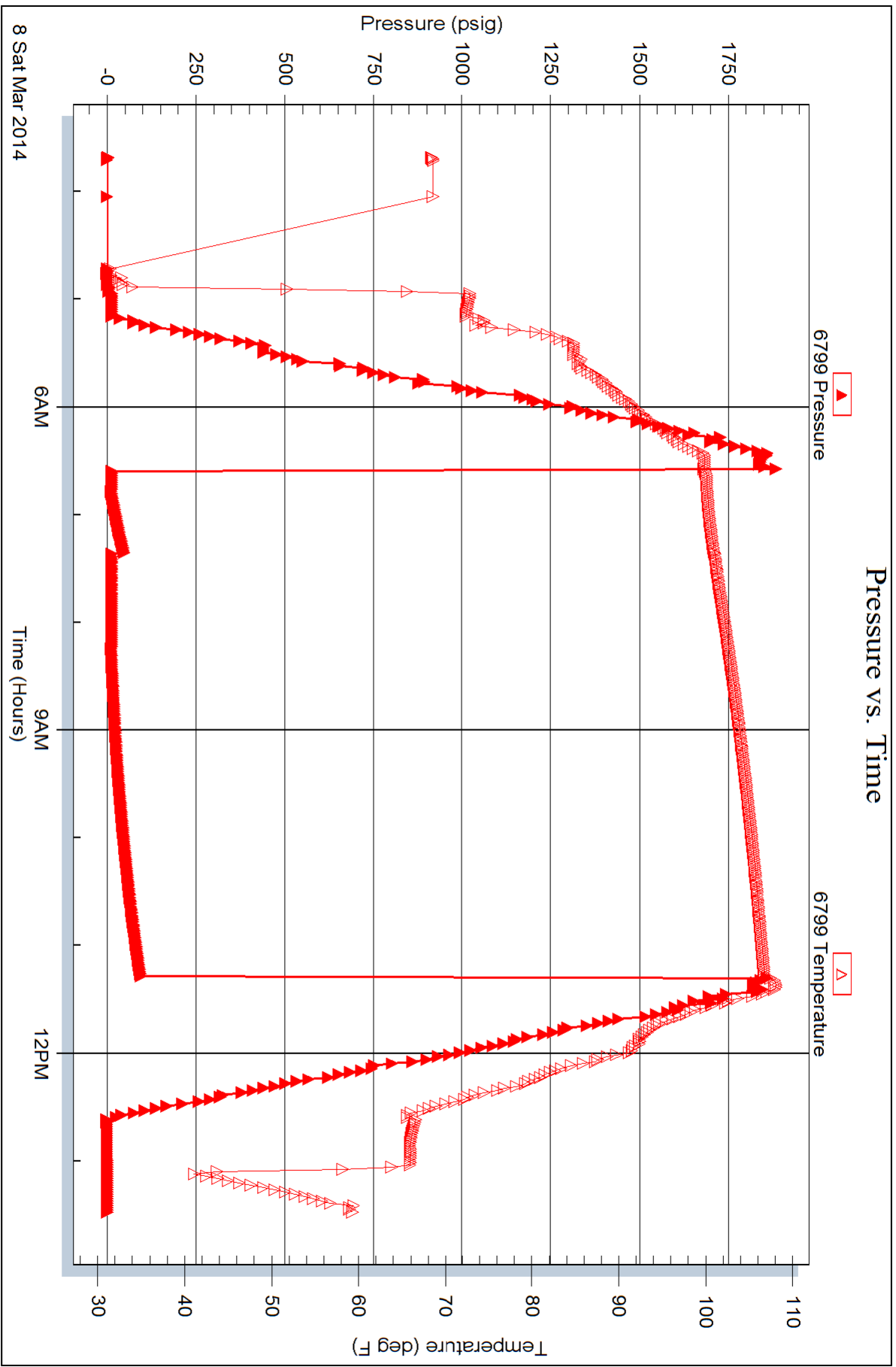
Serial #: 6799

Inside

McElvain Energy Inc

Greician #30-15

DST Test Number: 4



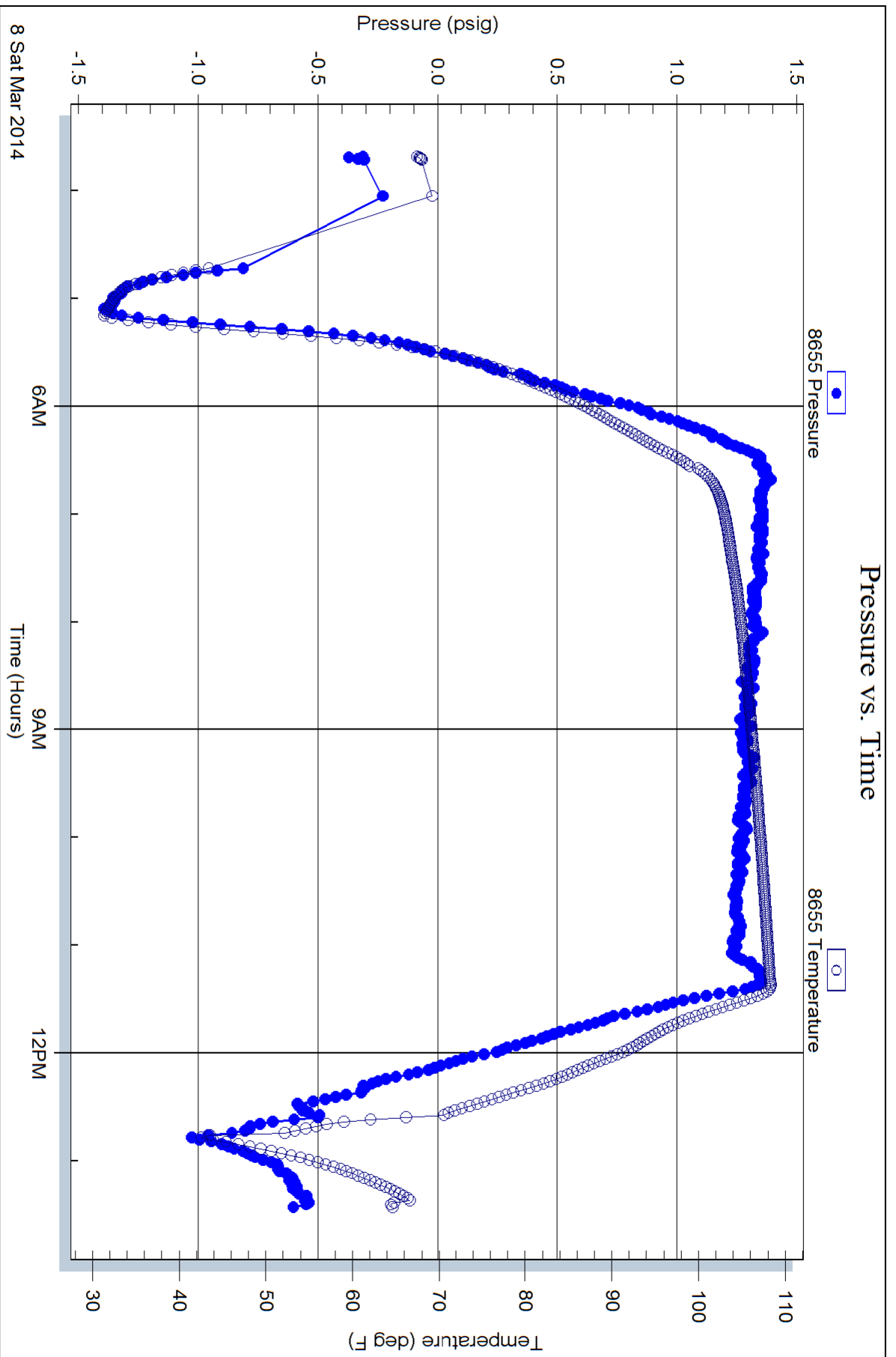
Serial #: 8655

Fluid

McElvain Energy Inc

Greician #30-15

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 56086

Printed: 2014.03.09 @ 08:38:00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

30-10S-21W Graham KS

Grecian #30-15

Job Ticket: 56087

DST#: 5

Test Start: 2014.03.08 @ 23:00:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:18:15
 Time Test Ended: 08:54:45
 Interval: **3832.00 ft (KB) To 3894.00 ft (KB) (TVD)**
 Total Depth: 3894.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 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

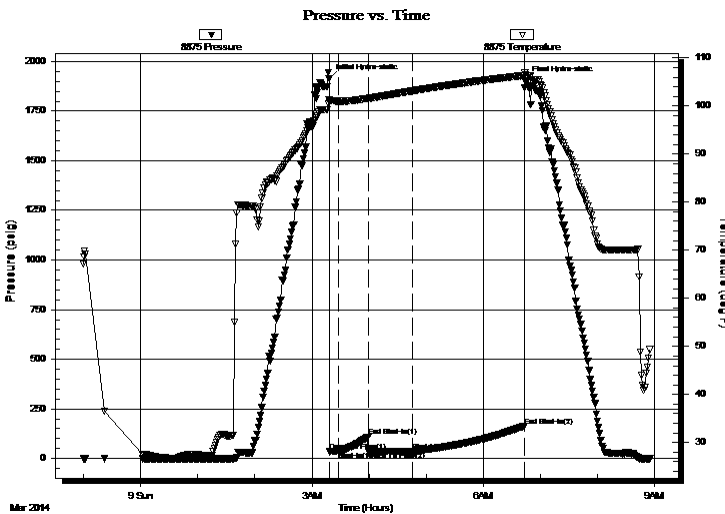
Serial #: 8875

Outside

Press @ Run Depth: 36.04 psig @ 3869.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.08 End Date: 2014.03.09 Last Calib.: 2014.03.09
 Start Time: 23:00:05 End Time: 08:54:45 Time On Btm: 2014.03.09 @ 03:18:00
 Time Off Btm: 2014.03.09 @ 06:44:15

TEST COMMENT: 10 - IF- 1 1/4" blow
 30 - IS- No return
 45 - FF- surged and died
 120 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.06	101.32	Initial Hydro-static
1	34.26	100.83	Open To Flow (1)
10	35.14	101.00	Shut-In(1)
41	109.98	101.61	End Shut-In(1)
42	35.41	101.60	Open To Flow (2)
87	36.04	103.12	Shut-In(2)
206	161.27	106.35	End Shut-In(2)
207	1904.64	106.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud, with spots of oil, 100%M	0.06

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

30-10S-21W Graham KS

Grecian #30-15

Job Ticket: 56087

DST#: 5

Test Start: 2014.03.08 @ 23:00:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:18:15
 Time Test Ended: 08:54:45
 Interval: **3832.00 ft (KB) To 3894.00 ft (KB) (TVD)**
 Total Depth: 3894.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 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

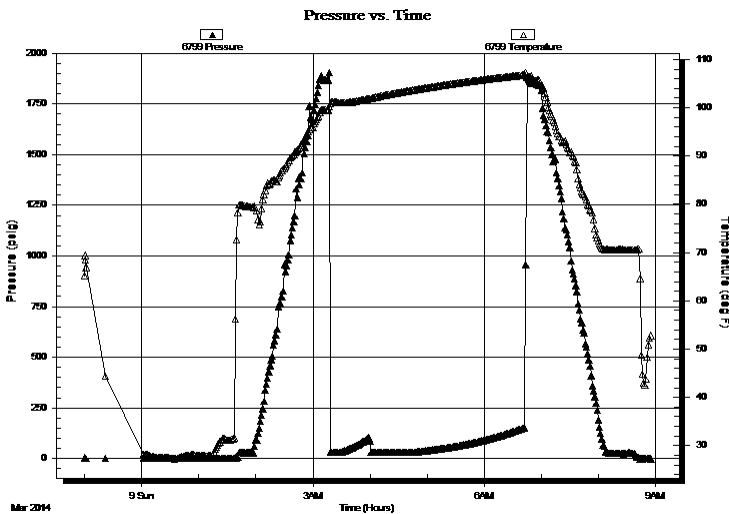
Serial #: 6799

Inside

Press @ Run Depth: psig @ 3869.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.08 End Date: 2014.03.09 Last Calib.: 2014.03.09
 Start Time: 23:00:05 End Time: 08:54:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10 - IF- 1 1/4" blow
 30 - IS- No return
 45 - FF- surged and died
 120 - FS- No return

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud, with spots of oil, 100%M	0.06

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

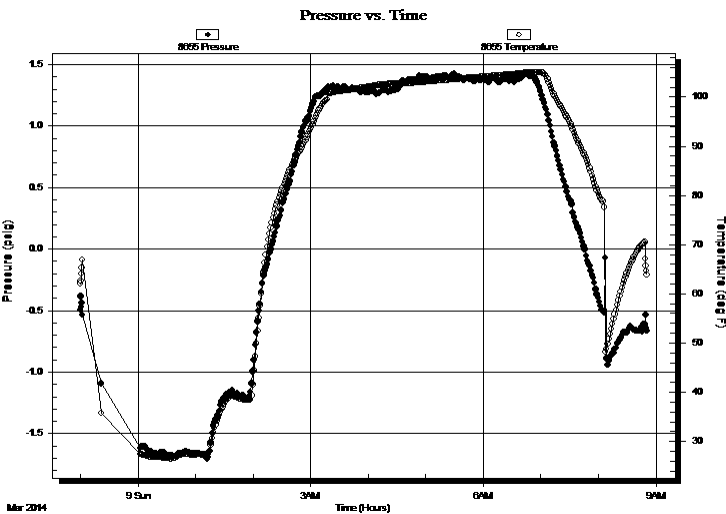
30-10S-21W Graham KS
Grecian #30-15
 Job Ticket: 56087 **DST#: 5**
 Test Start: 2014.03.08 @ 23:00:00

GENERAL INFORMATION:

Formation: Conglomerate		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)		Tester: Cody Bloedorn
Time Tool Opened: 03:18:15		Unit No: 73
Time Test Ended: 08:54:45		
Interval: 3832.00 ft (KB) To 3894.00 ft (KB) (TVD)		Reference Elevations: 2229.00 ft (KB)
Total Depth: 3894.00 ft (KB) (TVD)		2219.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 10.00 ft

Serial #: 8655	Fluid				
Press @ Run Depth: psig @ 3797.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2014.03.08	End Date: 2014.03.09	Last Calib.: 2014.03.09			
Start Time: 23:00:05	End Time: 08:50:28	Time On Btm:			
		Time Off Btm:			

TEST COMMENT: 10 - IF- 1 1/4" blow
 30 - IS- No return
 45 - FF- surged and died
 120 - FS- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud, with spots of oil, 100%M	0.06

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

30-10S-21W Graham KS
Grecian #30-15
Job Ticket: 56087 **DST#: 5**
Test Start: 2014.03.08 @ 23:00:00

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

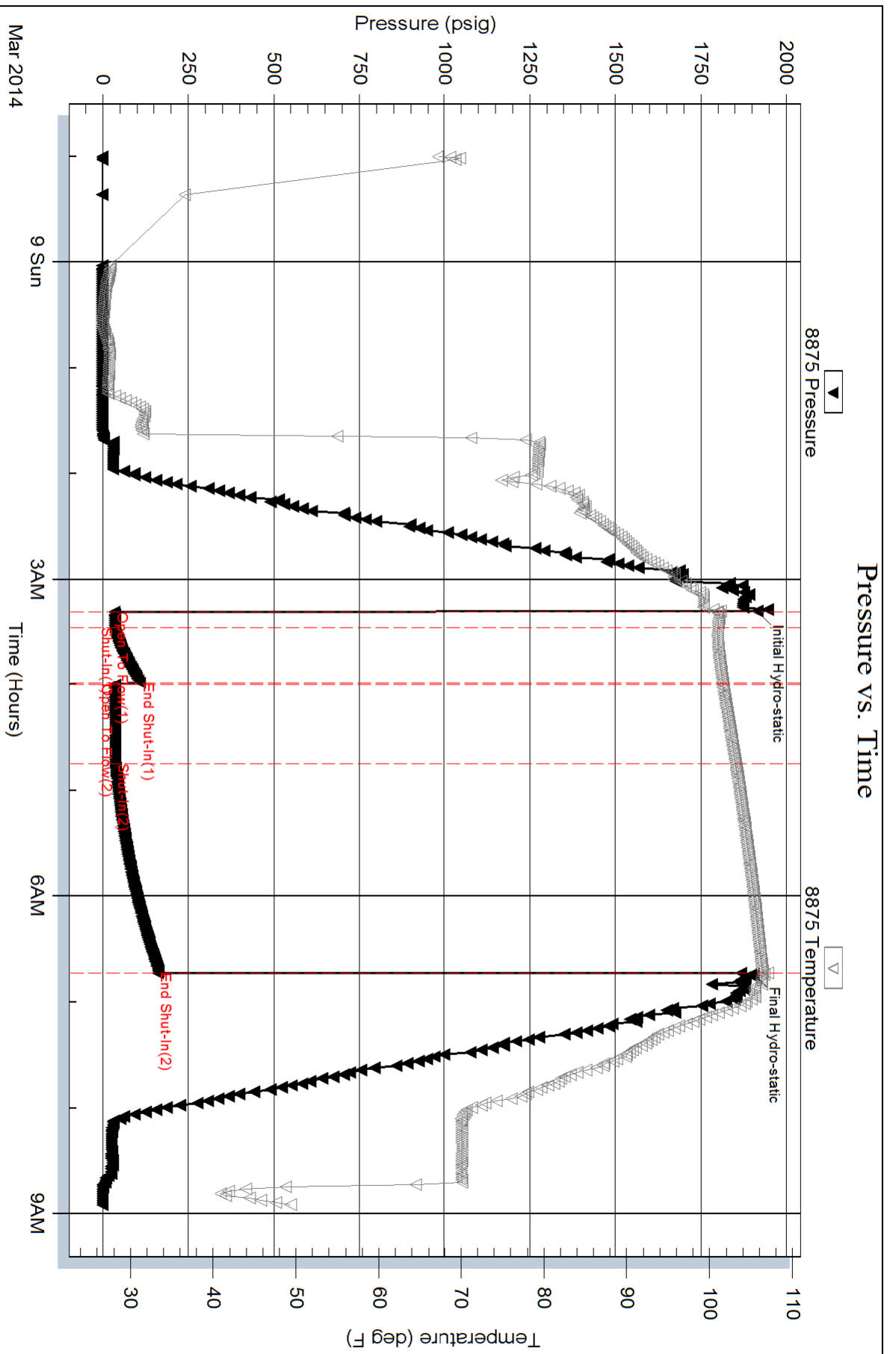
Length ft	Description	Volume bbl
4.00	Mud, w ith spots of oil, 100%M	0.056

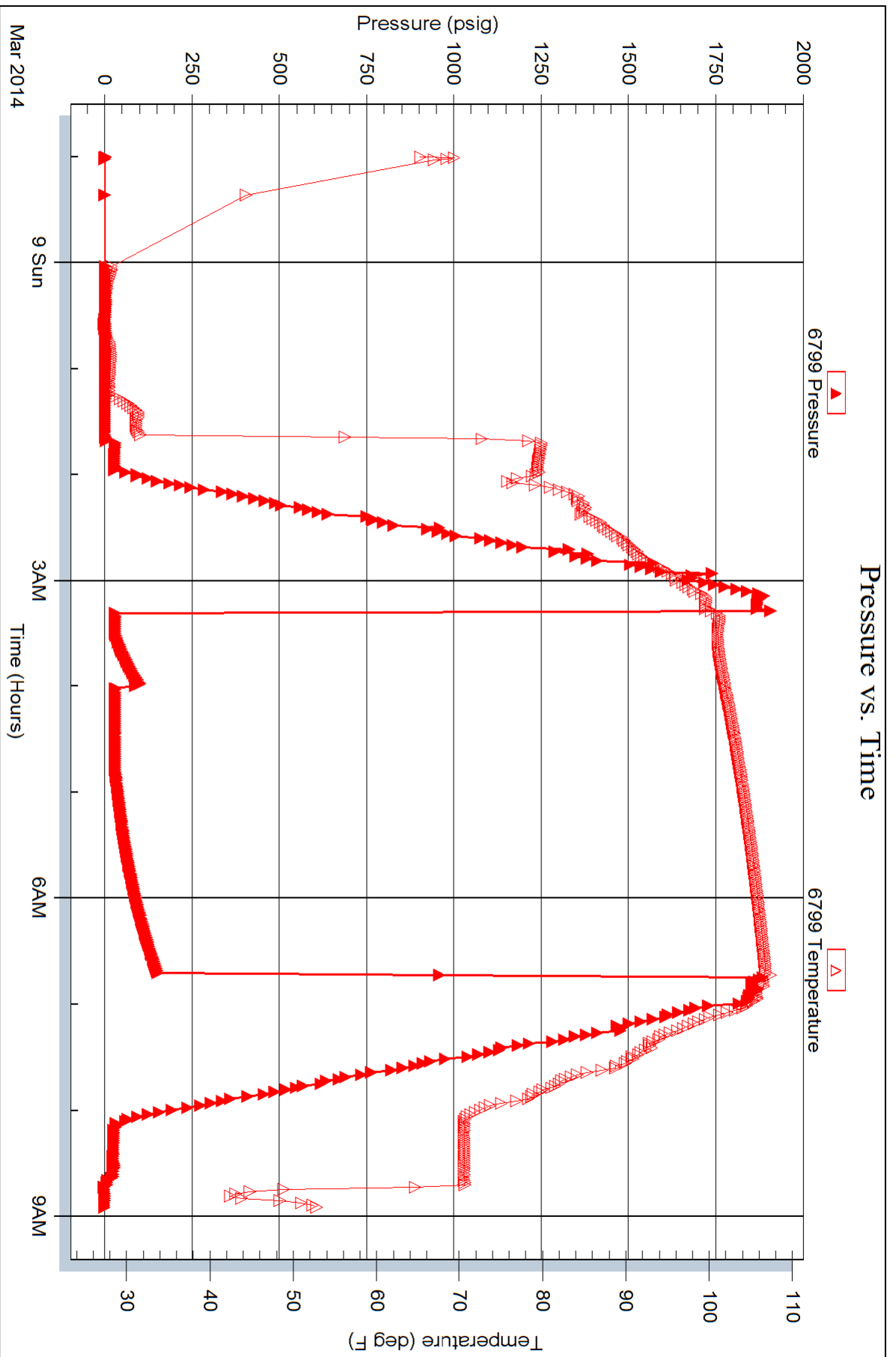
Total Length: 4.00 ft Total Volume: 0.056 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler: PSI: 60, 2,000ML of mud w ith oil spots





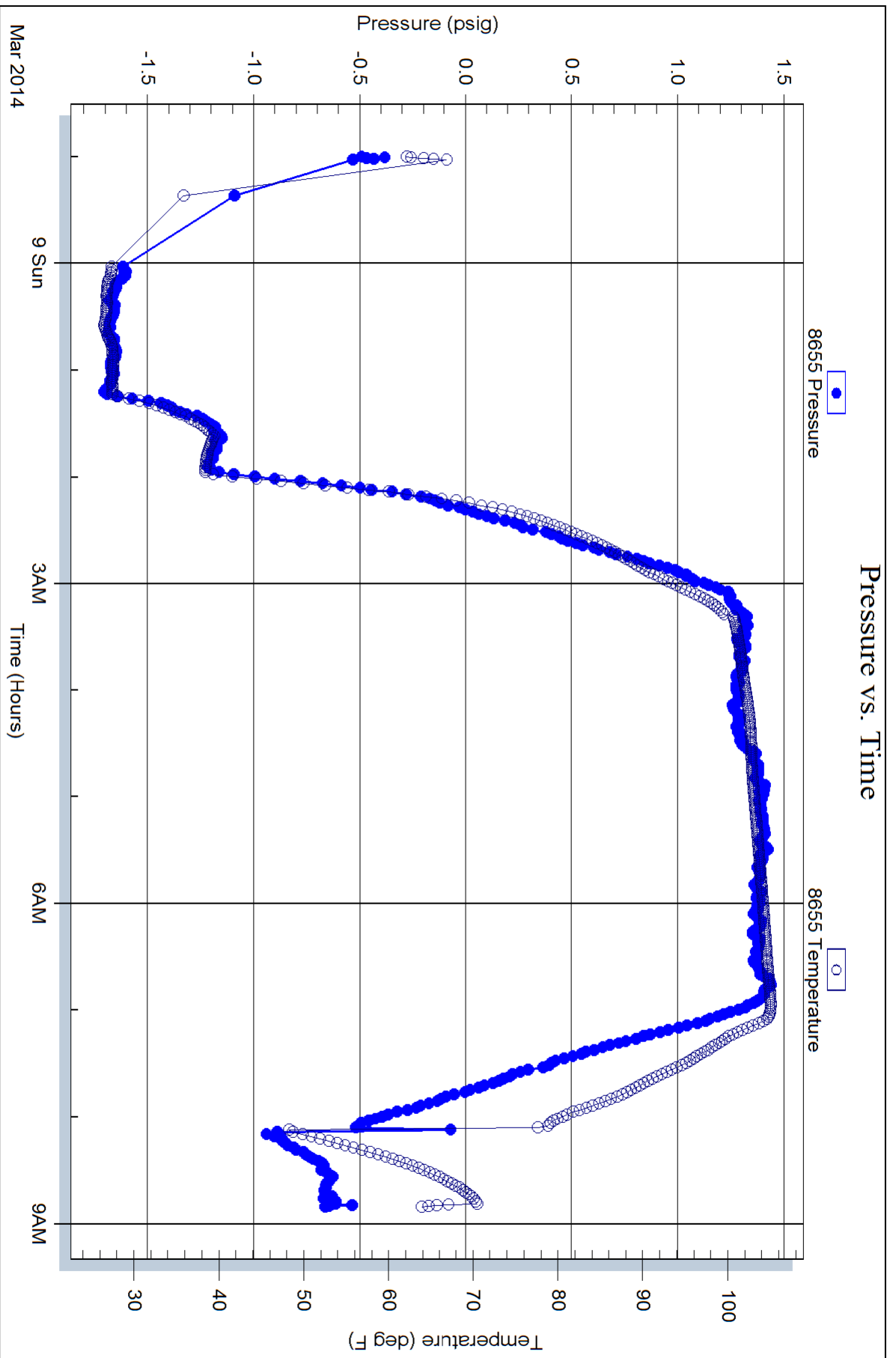
Serial #: 8655

Fluid

McElvain Energy Inc

Greician #30-15

DST Test Number: 5





CREDIT MEMO

Credit Memo Number: CR 141618
 Credit Date: Mar 24, 2014
 Page: 1
Duplicate

PO Box 93999
 Southlake, TX 76092

Voice: (817) 546-7282
 Fax: (817) 246-3361

Credit To:
McElvain Energy, Inc 1050 17th St., Suite 2500 Denver, CO 80265-2080

Federal Tax I.D.#: 20-5975804

Customer ID	Field Ticket #	Sales Rep ID
McElv		

Quantity	Item	Description	Unit Price	Amount
		Credit for Discount Not Taken		2,215.85
<i>see attached for coding</i>				
Subtotal				2,215.85
Sales Tax				
Freight				
TOTAL				2,215.85

Invoice No:



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 141618
Invoice Date: Feb 28, 2014
Page: 1

Bill To:
McElvain Energy, Inc 1050 17th St., Suite 2500 Denver, CO 80265-2080

RECEIVED

MAR 10 2014

McElvain Energy
Denver Office

Customer ID	Field Ticket #	Payment Terms	
McElv	62490	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Oakley	Feb 28, 2014	3/30/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Grecian #30-15		
190.00	CEMENT MATERIALS	Class A Common	17.90	3,401.00
7.00	CEMENT MATERIALS	Chloride	64.00	448.00
50.00	CEMENT MATERIALS	Flo Seal	2.97	148.50
203.20	CEMENT SERVICE	Cubic Feet Charge	2.48	503.94
415.60	CEMENT SERVICE	Ton Mileage Charge	2.60	1,080.56
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	EQUIPMENT OPERATOR	Talon Jones		
1.00	OPERATOR ASSISTANT	Adam Flipse		

CODE: 4225

~~NOTE DISCOUNT~~

MAR 11 2014

APPROVED: JRR

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,215.85

ONLY IF PAID ON OR BEFORE

Mar 25, 2014

Subtotal	7,913.75
Sales Tax	295.82
Total Invoice Amount	8,209.57
Payment/Credit Applied	
TOTAL	8,209.57



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 141882
Invoice Date: Mar 10, 2014
Page: 1

RECEIVED

MAR 24 2014

McElvain Energy, Inc.
Denver Office

Bill To:
McElvain Energy, Inc 1050 17th St., Suite 2500 Denver, CO 80265-2080

Customer ID	Field Ticket #	Payment Terms	
McElv	62010	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Mar 10, 2014	4/9/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Gregan #30-15		
162.00	CEMENT MATERIALS	Class A Common	17.90	2,899.80
108.00	CEMENT MATERIALS	Pozmix	9.35	1,009.80
8.00	CEMENT MATERIALS	Gel	23.40	187.20
61.26	CEMENT MATERIALS	Flo Seal	2.97	181.94
263.13	CEMENT SERVICE	Cubic Feet Charge	2.48	652.56
494.55	CEMENT SERVICE	Ton Mileage Charge	2.60	1,285.83
1.00	CEMENT SERVICE	Plug to Abandon	2,600.47	2,600.47
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	110.00	110.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

CODE: 4603

MAR 24 2014

APPROVED: JRR

Batch	0314113
Date	3/26
By	QP

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,621.38

ONLY IF PAID ON OR BEFORE
Apr 4, 2014

Subtotal	9,472.10
Sales Tax	700.94
Total Invoice Amount	10,173.04
Payment/Credit Applied	
TOTAL	10,173.04

(2621.38)
7551.66

ALLIED OIL & GAS SERVICES, LLC 062010

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Oakley KS

DATE <u>3-10-14</u>	SEC. <u>30</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30pm</u>	JOB FINISH <u>5:32pm</u>
LEASE <u>Grecian</u>	WELL # <u>30-15</u>	LOCATION <u>Ogallah 11W 2E1N</u>	COUNTY <u>Graham</u>	STATE <u>KS</u>			
OLD OR (NEW) Circle one		<u>Wt Sinto</u>					

CONTRACTOR Ual Co OWNER Same

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4000'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 3900'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5 bbl water / 43.35 bbl mud

EQUIPMENT _____

CEMENT AMOUNT ORDERED 240 sks 100/40

4% gel 74# Flo-seal

COMMON	<u>142 sks</u>	@ <u>17.90</u>	<u>2839.80</u>
POZMIX	<u>100 sks</u>	@ <u>7.35</u>	<u>1009.80</u>
GEL	<u>8 sks</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	

<u>Flo-seal</u>	<u>161.26#</u>	@ <u>2.97</u>	<u>181.94</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>263.13 ft³</u>	@ <u>2.48</u>	<u>652.56</u>
MILEAGE	<u>10.99 ton x 45 mi x 2.60</u>		<u>1285.83</u>

TOTAL ~~6217.13~~
6217.13

PUMP TRUCK CEMENTER Paul Bauer

120 HELPER Tyler Flipse

BULK TRUCK DRIVER Brandon Wilkinson

600 DRIVER _____

REMARKS:

mix 50 sks @ 3900' displac w/ mud

mix 100 sks @ 920' displac w/ water

mix 40 sks @ 350' displac w/ water

mix 10 sks @ 40'

mix 30 sks in P.H

mix 15 sks in mft

mix 25 sks @ 1700' displac w/ water

CHARGE TO: McElvain Energy

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>3900'</u>		
PUMP TRUCK CHARGE		<u>2600.47</u>	
EXTRA FOOTAGE		@	
MILEAGE MITHV	<u>45mi</u>	@ <u>7.70</u>	<u>346.50</u>
MANIFOLD		@	
<u>MLLV</u>	<u>45mi</u>	@ <u>4.40</u>	<u>198.00</u>

TOTAL 3144.87

PLUG & FLOAT EQUIPMENT

<u>2 5/8 wooden plug</u>	@	<u>110.00</u>
	@	
	@	
	@	

TOTAL 110.00

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rodney Conzales

SIGNATURE Rodney Conzales

SALES TAX (If Any) _____

TOTAL CHARGES 9,472.10

DISCOUNT 2,621.38 IF PAID IN 30 DAYS

6,850.71 Net.