



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1171634
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: _____

1171634

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Walz 12-4
Doc ID	1171634

All Electric Logs Run

GR -Density- Neutron- Microresistivity
Resistivity-Induction
Sonic
Spectral GR

Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Walz 12-4
Doc ID	1171634

Tops

Name	Top	Datum
Stone Corral	1615	535
Elmont	3015	-865
Topeka	3179	-1029
Heebner	3393	-1243
Lansing	3434	-1282
Lansing C	3476	-1326
Lansing F	3501	-1360
Lansing H	3561	-1411
X shale	3658	-1508
Marmaton	3736	-1586
Arbuckle	3809	-1659



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/26/2013
 Invoice # 7651
 P.O.#:
 Due Date: 12/26/2013
 Division: *Russell*

Invoice

RECEIVED

DEC 09 2013

McElvain Energy, Inc.
 Denver Office

Contact:
 MCELVAIN OIL & GAS PROP
Address/Job Location:
 MCELVAIN OIL & GAS PROP
 1050 17th Street
 Suite 2500
 DENVER CO 80265

Reference:
 WALZ 12-4

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	250	\$ 4,191.18	Yes				
Calcium Chloride	9	\$ 559.87	Yes				
Bulk Truck Matl-Material Service Charge	265	\$ 592.35	No				
Pump Truck Mileage-Job to Nearest Camp	41	\$ 457.32	No				
8 5/8" Basket	1	\$ 353.18	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	41	\$ 267.61	No				
8 5/8" Centralizer	2	\$ 143.06	Yes				
8 5/8" Top Rubber Plug	1	\$ 118.47	Yes				
Premium Gel (Bentonite)	6	\$ 109.17	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 100.59	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 7,913.34

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,187.00)

SubTotal for Taxable Items: \$ 4,739.19

SubTotal for Non-Taxable Items: \$ 1,987.15

Total: \$ 6,726.34

Tax: \$ 362.55

7.65% Trego County Sales Tax

Amount Due: \$ 7,088.89

Applied Payments:

Balance Due: \$ 7,088.89

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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CODE: 4225

DEC 18 2013

APPROVED: JRR

QUALITY OILWELL CEMENTING, INC. ✓

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7651

Date 11-26-13	Sec. 12	Twp. 11	Range 22	County Trego	State KS	On Location	Finish 20:30
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Location **Ogallah N to D Rd, 2E, 1N, 1W, 3/4 N x 2**

Lease Walz	Well No. 12-4	Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor Val #6		Charge To Mc Elvain Energy Inc.
Type Job Surface		Street
Hole Size 12 1/4	T.D. 521	City
Csg. 8 5/8	Depth 521.57	State
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Tool	Depth	Cement Amount Ordered 250 com 3%cc 2%gel
Cement Left in Csg.	Shoe Joint 42.46	
Meas Line	Displace 30.47661	

EQUIPMENT

Pumptrk 5	No.	Cementer Helper Lonniew.	Common 250
Bulktrk 1	No.	Driver Driver Lonnie M	Poz. Mix
Bulktrk P4	No.	Driver Driver Travis	Gel. 6
			Calcium 9

JOB SERVICES & REMARKS

Remarks: Cement did circulate	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 265
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer 2
	Baskets 1
	AFU Inserts
	Float Shoe
	Latch Down
	1 Baffle plate
	1 Rubber plug
	Pumptrk Charge Low Surface
	Mileage 41

X
Signature

Amesh Dhanraj

Tax
Discount
Total Charge



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 12/4/2013
 Invoice # 7614

P.O.#:

Due Date: 1/3/2014

Division: Russell

Invoice

RECEIVED

DEC 12 2013

Mcelvain Energy, Inc.
 Denver Office

Contact:

MCELVAIN OIL & GAS PROP
 Address/Job Location:
 MCELVAIN OIL & GAS PROP
 1050 17th Street
 Suite 2500
 DENVER CO 80265

CODE: 4603

Reference:

WALTZ 12-4

DEC 18 2013

Description of Work:

PLUG JOB

APPROVED: JRR

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,785.96	Yes				
Common-Class A	150	\$ 2,514.71	Yes				
POZ Mix-Standard	100	\$ 704.12	Yes				
Bulk Truck Matl-Material Service Charge	259	\$ 578.94	Yes				
Pump Truck Mileage-Job to Nearest Camp	41	\$ 457.32	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	41	\$ 267.61	Yes				
Premium Gel (Bentonite)	9	\$ 163.76	Yes				
Flo Seal	62	\$ 138.59	Yes				
Dry Hole Plug	1	\$ 62.59	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 6,673.58

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,001.04)

SubTotal for Taxable Items: \$ 5,672.55

SubTotal for Non-Taxable Items: \$ -

Total: \$ 5,672.54

Tax: \$ 433.95

7.65% Trego County Sales Tax

Amount Due: \$ 6,106.49

Applied Payments:

Balance Due: \$ 6,106.49

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 7614

Cell 785-324-1041

Date	12-4-13	Sec.	12	Twp.	11	Range	22	County	rego	State	ks	On Location	2.15 AM	Finish	8:45 AM
Lease	Waltz			Well No.	12-4			Location	Ogallah N to DBD			Owner	J E IV IN 3/4 IV		
Contractor	Vol Rig 6							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	Plas 306							Charge To	McElvain Oil & Gas						
Hole Size	7 7/8			T.D.	3910			Street							
Csg.	7 7/8 pipe			Depth				City	State						
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Depth				Cement Amount Ordered	250 60/40						
Cement Left in Csg.				Shoe Joint				40% gel vu flow							
Meas Line				Displace				Common	150						
EQUIPMENT															
Pumptrk	5	No.	Cementer	matt			Poz. Mix	100							
			Helper				Gel.	9							
Bulktrk	12	No.	Driver	Lonnie W			Calcium								
			Driver				Hulls								
Bulktrk	pu	No.	Driver	Lonnie M			Salt								
			Driver				Flowseal	62#							
JOB SERVICES & REMARKS															
Remarks:															
Rat Hole	30 SKS														
Mouse Hole	15 SKS														
Centralizers															
Baskets															
D/V or Port Collar															
1st	50 SKS														
2nd	1630 FT			23 SKS											
3rd	820 FT			120 SKS											
4th	40 FT			10 SKS											
FLOAT EQUIPMENT															
Handling	259														
Mileage															
Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down	wood plugs														
Pumptrk Charge	plug														
Mileage	41														
														Tax	
														Discount	
														Total Charge	
X Signature	Darryl Smart														



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McElvain Energy

12-11s-22w-Trego Co

1050 17th STE 2500
Denver CO 80265

Walz #12-4

Job Ticket: 55841

DST#: 1

ATTN: Chris Mitchell

Test Start: 2013.12.01 @ 18:02:47

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:04:47

Time Test Ended: 01:53:56

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 49

Interval: 3580.00 ft (KB) To 3652.00 ft (KB) (TVD)

Reference Elevations: 2150.00 ft (KB)

Total Depth: 3652.00 ft (KB) (TVD)

2140.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8898 Outside

Press@RunDepth: 28.54 psig @ 3585.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.01

End Date:

2013.12.02

Last Calib.:

2013.12.02

Start Time: 18:02:48

End Time:

01:53:57

Time On Btm:

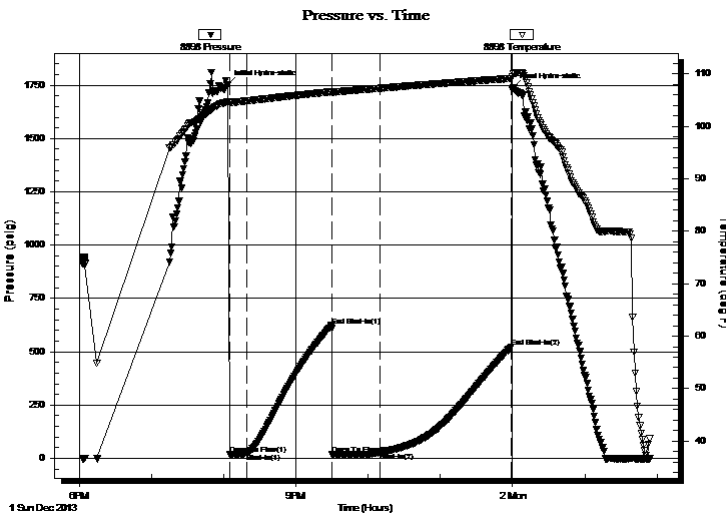
2013.12.01 @ 20:03:27

Time Off Btm:

2013.12.02 @ 00:00:47

TEST COMMENT: Weak surface blow
Dead no blow back
Dead no blow
Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.69	104.70	Initial Hydro-static
2	17.54	104.45	Open To Flow (1)
16	24.90	104.81	Shut-In(1)
86	622.83	106.57	End Shut-In(1)
87	18.39	106.41	Open To Flow (2)
127	28.54	107.24	Shut-In(2)
236	522.21	109.11	End Shut-In(2)
238	1736.66	109.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M w ith oil spots	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McElvain Energy

12-11s-22w-Trego Co

1050 17th STE 2500
Denver CO 80265

Walz #12-4

Job Ticket: 55841

DST#: 1

ATTN: Chris Mitchell

Test Start: 2013.12.01 @ 18:02:47

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%M w ith oil spots	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

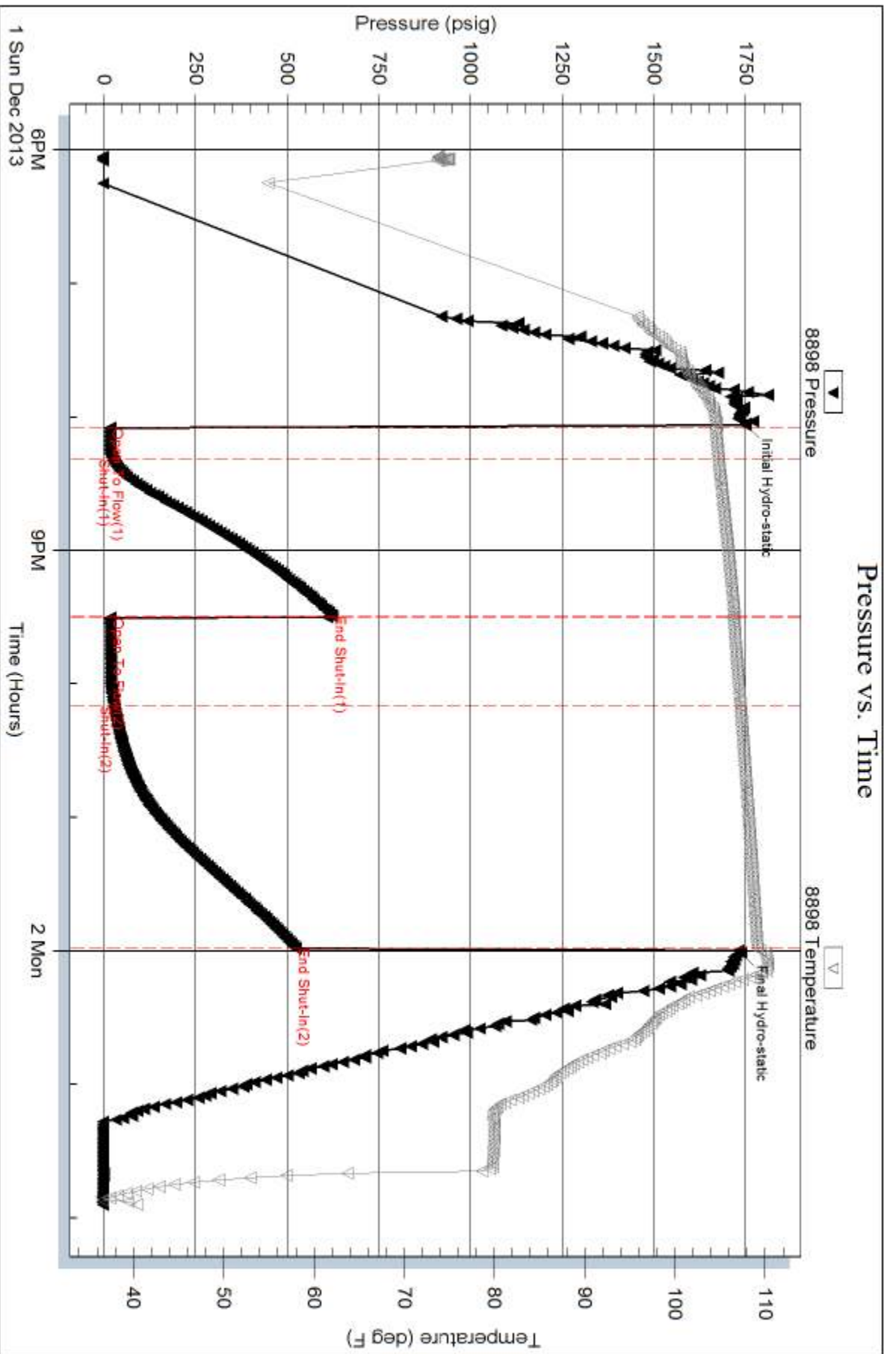
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



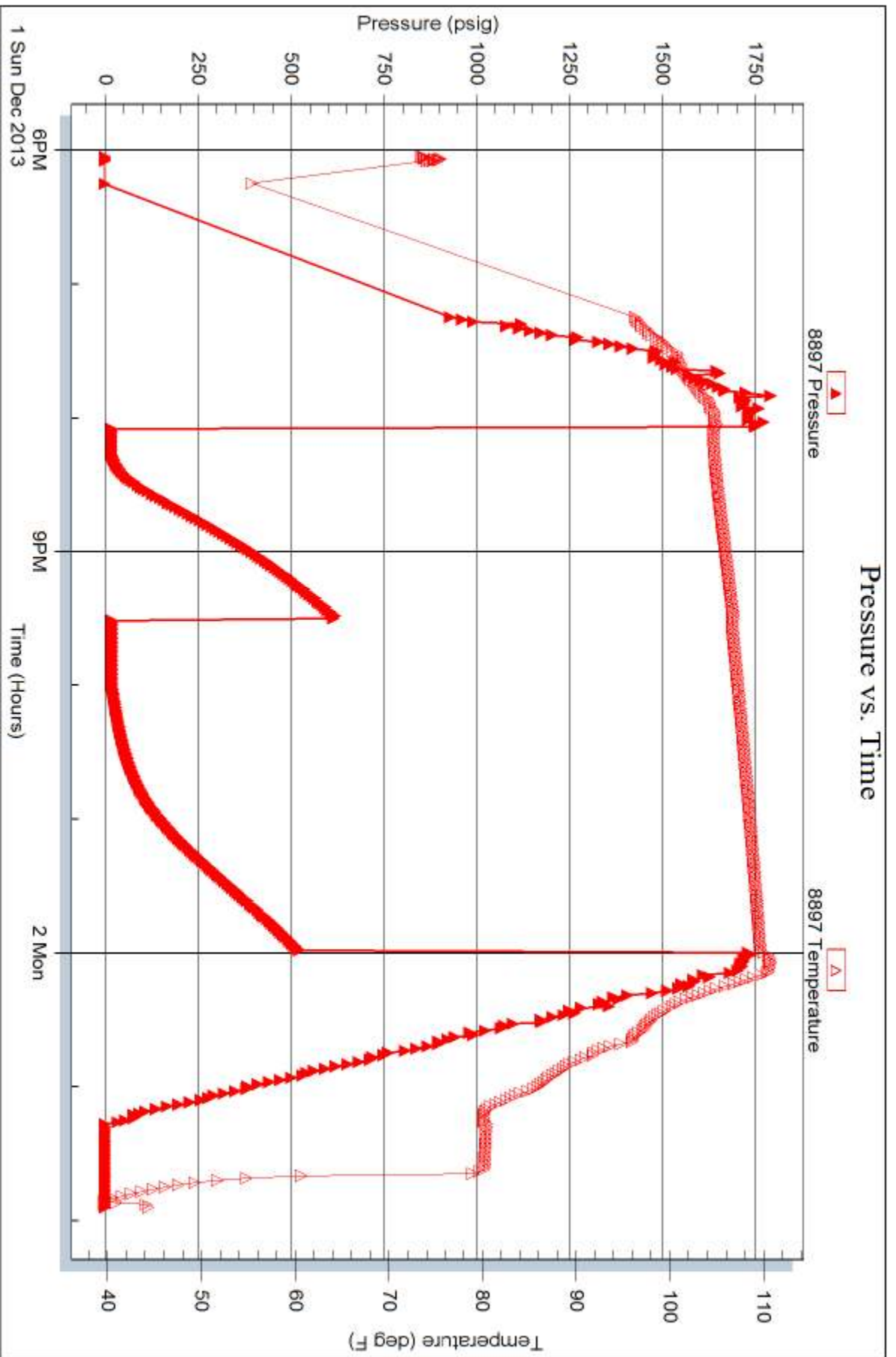
Serial #: 8897

Inside

McEvain Energy

Waltz #12-4

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55841

Printed: 2013.12.02 @ 03:48:52



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McElvain Energy

12-11s-22w-Trego Co

1050 17th STE 2500
Denver CO 80265

Walz #12-4

Job Ticket: 55842

DST#: 2

ATTN: Chris Mitchell

Test Start: 2013.12.02 @ 15:28:04

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:23:44

Time Test Ended: 23:38:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

Interval: 3738.00 ft (KB) To 3762.00 ft (KB) (TVD)

Reference Elevations: 2150.00 ft (KB)

Total Depth: 3762.00 ft (KB) (TVD)

2140.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8898 Outside

Press@RunDepth: 31.05 psig @ 3739.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.02

End Date:

2013.12.02

Last Calib.:

2013.12.02

Start Time: 15:28:05

End Time:

23:38:04

Time On Btm:

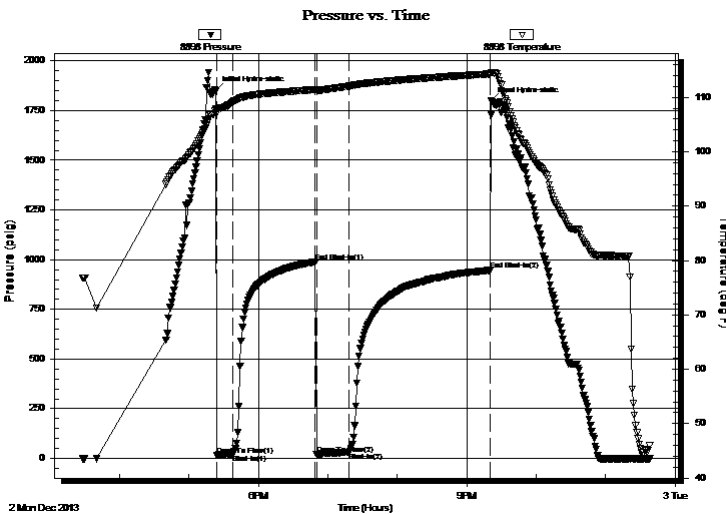
2013.12.02 @ 17:23:24

Time Off Btm:

2013.12.02 @ 21:21:13

TEST COMMENT: Weak surface blow built to 2 1/2 in
Dead no blow back
Fair surface blow built to 5 in
Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.18	107.98	Initial Hydro-static
1	15.67	107.10	Open To Flow (1)
15	20.61	109.11	Shut-In(1)
86	988.26	111.44	End Shut-In(1)
87	19.41	111.25	Open To Flow (2)
115	31.05	112.06	Shut-In(2)
237	945.97	114.31	End Shut-In(2)
238	1796.93	114.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	20%G 80%O	0.77
10.00	5%G 35%O 60%M	0.14
0.00	20 GIP	0.00

* 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

12-11s-22w-Trego Co

1050 17th STE 2500
Denver CO 80265

Walz #12-4

Job Ticket: 55842

DST#: 2

ATTN: Chris Mitchell

Test Start: 2013.12.02 @ 15:28:04

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: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
55.00	20%G 80%O	0.772
10.00	5%G 35%O 60%M	0.140
0.00	20 GIP	0.000

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

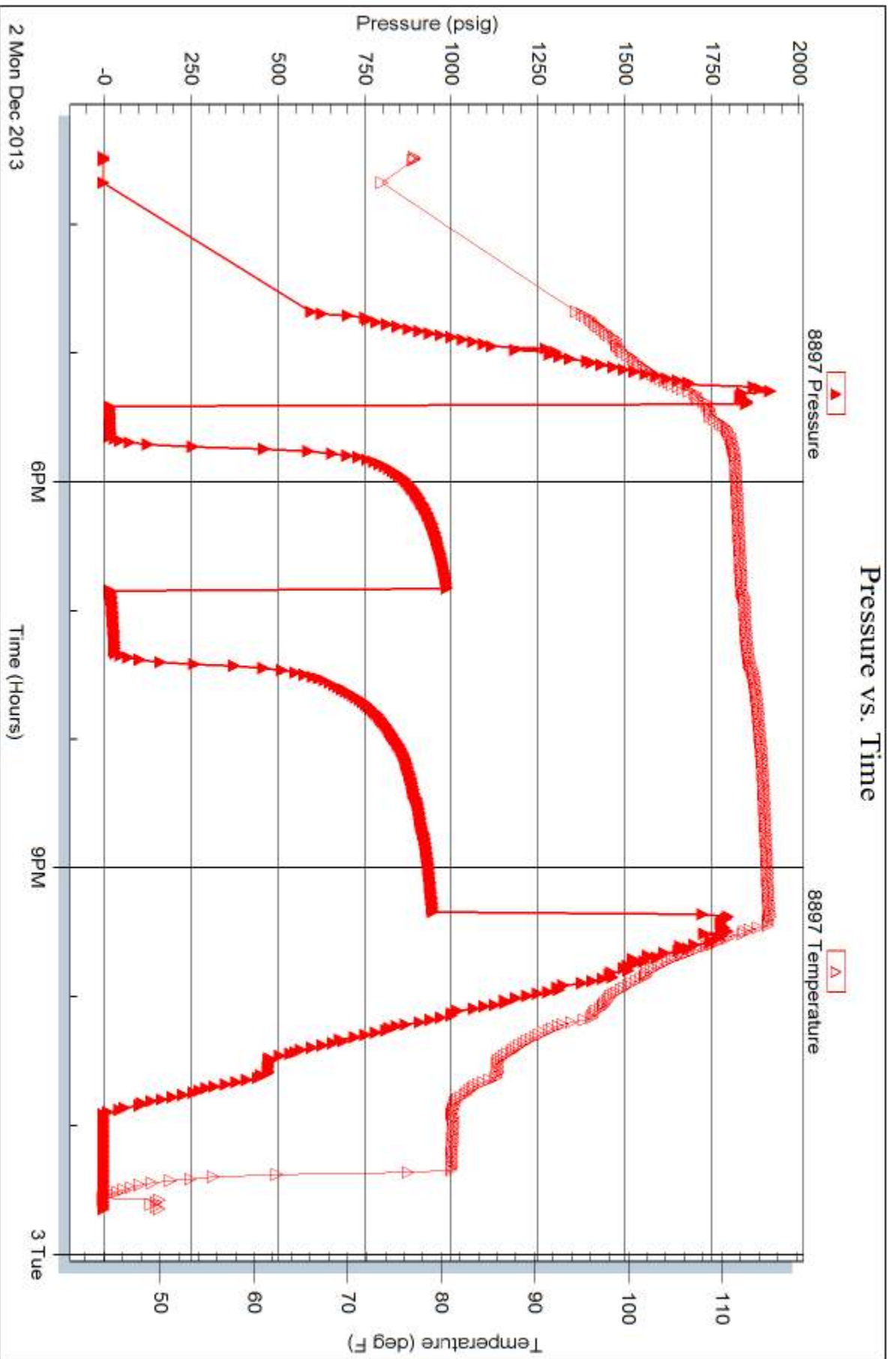
Serial #: 8897

Inside

McEvain Energy

Walz #12-4

DST Test Number: 2



Serial #: 8354

Fluid

McBvain Energy

Walz #12-4

DST Test Number: 2

