



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1184658  
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       SLOW
- 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: \_\_\_\_\_

1184658

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Justus 12-15
Doc ID	1184658

All Electric Logs Run

Density Neutron
Gamma Ray
Microresistivity
Dual Induction
Spectral Gamma Ray
Sonic

Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Justus 12-15
Doc ID	1184658

Tops

Name	Top	Datum
Topeka	3294	-1007
Heebner	3503	-1216
Lansing A	3528	-1251
Lansing C	3580	-1293
Lansing F	3616	-1329
Lansing H	3666	-1379
X Shale	3746	-1459
Marmaton	3832	-1545
Arbuckle	3911	-1624



**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: 11/5/2013  
 Invoice # 7470

P.O.#:  
 Due Date: 12/5/2013  
 Division: Russell

RECEIVED

NOV 19 2013

McElvain Energy, Inc.  
 Denver Office

# Invoice

CODE: 4225

NOV 19 2013

APPROVED: JRR

*Surface CSG cementing*

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

Reference:  
 JUSTUS 12-15 SEC 12-10-22

Description of Work:  
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	225	\$ 3,772.06	Yes				
Bulk Truck Matl-Material Service Charge	237	\$ 529.76	No				
Pump Truck Mileage-Job to Nearest Camp	42	\$ 468.47	No				
Calcium Chloride	8	\$ 426.14	Yes				
8 5/8" Basket	1	\$ 353.18	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	42	\$ 274.14	No				
8 5/8" Centralizer	2	\$ 143.06	Yes				
8 5/8" Top Rubber Plug	1	\$ 118.47	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 100.59	Yes				
Premium Gel (Bentonite)	4	\$ 72.78	Yes				

**Invoice Terms:**

Net 30		SubTotal:	\$	7,279.19
		Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$	(1,091.88)
		SubTotal for Taxable Items:	\$	4,238.33
		SubTotal for Non-Taxable Items:	\$	1,948.98
		Total:	\$	6,187.31
		Tax:	\$	313.64
		<b>Amount Due:</b>	<b>\$</b>	<b>6,500.95</b>
		<b>Applied Payments:</b>		
		<b>Balance Due:</b>	<b>\$</b>	<b>6,500.95</b>

7.40% Graham County Sales Tax

**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  
Cell 785-324-1041

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

No. 7470

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-5-13	12	10	22	Cochran	KS		3:45 A.M.

Location Ogallah N. C. 2 1/2 E to 350 N to 60 W 1/2 25 WS

Lease <u>JUSTUS</u>	Well No. <u>12-15</u>	Owner
Contractor <u>Val #6</u>		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 <u>Surface</u>		
Hole Size <u>12 1/4</u>	T.D. <u>436</u>	Charge To <u>McElvain Oil</u>
Csg. <u>8 5/8</u>	Depth <u>436</u>	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <u>42.39</u>	Shoe Joint <u>42.39</u>	Cement Amount Ordered <u>225 com 3 1/2 CC 2 1/2 GEL</u>
Meas Line	Displace <u>25BL</u>	

**EQUIPMENT**

Pumptrk <u>15</u> No.	Cementer <u>Craig</u>	Common <u>225</u>
	Helper	Poz. Mix
Bulktrk No.	Driver <u>Nick</u>	Gel. <u>4</u>
	Driver	Calcium <u>8</u>
Bulktrk <u>9</u> No.	Driver <u>David</u>	
	Driver	

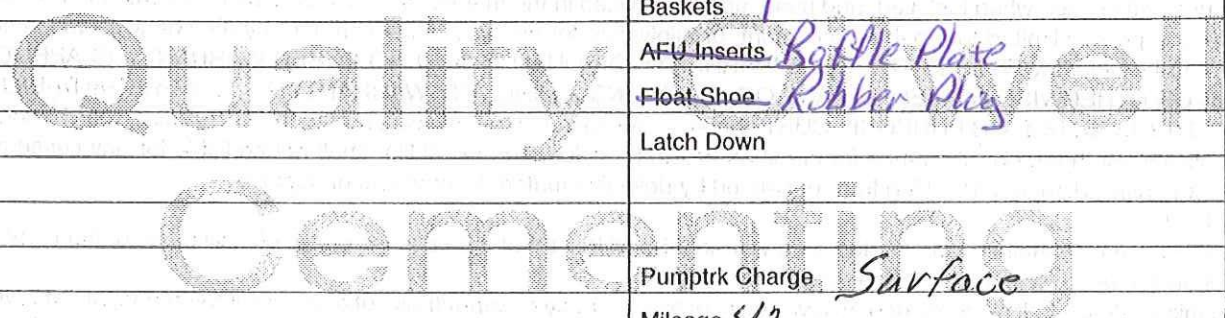
**JOB SERVICES & REMARKS**

Remarks:	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
<u>8 5/8 on bottom Est Circulation</u>	Sand
<u>Mix 225 + Displace</u>	Handling <u>237</u>
	Mileage

Cement Circulated!

**FLOAT EQUIPMENT**

Guide Shoe <u>8 5/8</u>
Centralizer <u>2</u>
Baskets <u>1</u>
AFU Inserts <u>Boyle Plate</u>
Float Shoe <u>Rubber Plug</u>
Latch Down



Pumptrk Charge <u>Surface</u>
Mileage <u>42</u>

X  
Signature

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: 11/13/2013  
Invoice # 7238

P.O.#:  
Due Date: 12/13/2013  
Division: Russell

RECEIVED

NOV 18 2013

McElvain Energy, Inc.  
Denver Office

# Invoice

**Contact:**

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

CODE: 4603

NOV 19 2013

part of dry hole

APPROVED: JRR

**Reference:**

JUSTUS 12-15 SEC 12-10-22

**Description of Work:**

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,530.82	Yes				
Common-Class A	174	\$ 2,917.06	Yes				
POZ Mix-Standard	116	\$ 816.78	Yes				
Bulk Truck Matl-Material Service Charge	300	\$ 670.59	Yes				
Pump Truck Mileage-Job to Nearest Camp	42	\$ 468.47	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	42	\$ 274.14	Yes				
Premium Gel (Bentonite)	10	\$ 181.95	Yes				
Flo Seal	72	\$ 160.94	Yes				
Dry Hole Plug	1	\$ 62.59	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 7,083.33

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,062.50)

SubTotal for Taxable Items: \$ 6,020.83

SubTotal for Non-Taxable Items: \$ -

Total: \$ 6,020.83

Tax: \$ 445.54

7.40% Graham County Sales Tax

Amount Due: \$ 6,466.37

Applied Payments:

Balance Due: \$ 6,466.37

**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  
Cell 785-324-1041

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

No. 7238

Date	11-13-13	Sec.	12	Twp.	10	Range	22	County	Graham	State	KS	On Location		Finish	3:00 PM
------	----------	------	----	------	----	-------	----	--------	--------	-------	----	-------------	--	--------	---------

Location Ogallah N to countyline E to 350 Rd, N to

Lease	Justus	Well No.	12-15	Owner	GRd, 1W, 1 1/2 S, w n 2
Contractor	Val	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	Plug	Charge To Mc Elvain Energy Inc.			
Hole Size	7 7/8	T.D.			
Csg.		Depth	Street		
Tbg. Size		Depth	City State		
Tool		Depth	The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.		Shoe Joint	Cement Amount Ordered 290sx 6% 4% gel 1/4 # Flow		

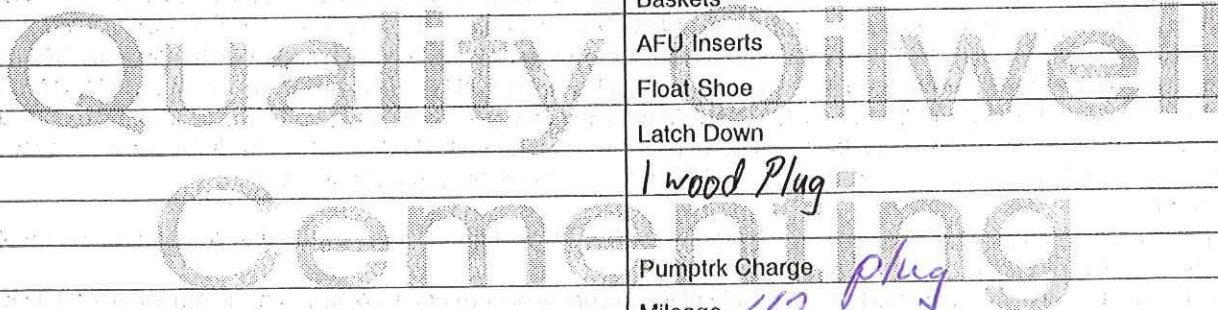
Meas Line	Displace	Common	174
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**EQUIPMENT**

Pumptrk	17	No.	Cementer		Poz. Mix	116
			Helper	Cody		
Bulktrk	13	No.	Driver		Gel.	10
			Driver	Doug		
Bulktrk	P4	No.	Driver		Calcium	
			Driver	Travis		

**JOB SERVICES & REMARKS**

Remarks:	Salt
Rat Hole 30sx	Flowseal 72 #
Mouse Hole 15sx	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
50 sx at 3891	Handling 300
25 sx at 1800	Mileage
100 sx at 975	<b>FLOAT EQUIPMENT</b>
60 sx at 500	Guide Shoe
10 sx at 40 with wood Plug	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	1 wood Plug
	Pumptrk Charge plug
	Mileage 42



X Signature	Randy P. [Signature]	Tax	
		Discount	
		Total Charge	





## DRILL STEM TEST REPORT

Prepared For: **McElvain Energy Inc.**

1050 17 th. St. Ste 2500  
Denver CO 80265

ATTN: Chris Mitchell/Jeff

### **Justus #12-15**

#### **12-10s-22w. Graham,KS**

Start Date: 2013.11.09 @ 08:41:25

End Date: 2013.11.09 @ 17:55:25

Job Ticket #: 55855                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.15 @ 10:04:00



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55855

**DST#: 1**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.09 @ 08:41:25

## GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:10:25

Time Test Ended: 17:55:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 67

**Interval: 3529.00 ft (KB) To 3598.00 ft (KB) (TVD)**

Reference Elevations: 2287.00 ft (KB)

Total Depth: 3598.00 ft (KB) (TVD)

2277.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**

Press@RunDepth: 71.94 psig @ 3567.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.09

End Date:

2013.11.09

Last Calib.:

2013.11.09

Start Time: 08:41:26

End Time:

17:55:25

Time On Btm:

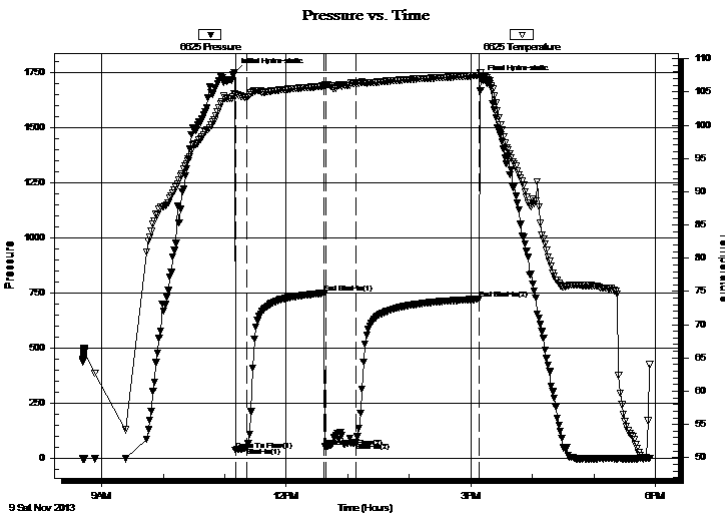
2013.11.09 @ 11:09:25

Time Off Btm:

2013.11.09 @ 15:09:55

**TEST COMMENT:** I.F. - 10 - Blow built to 1 1/2 "  
I.S.I. - 75 - No blow back  
F.F. - 30 - Blow built to 6 1/2 "  
F.S.I. - 120 - No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.38	104.75	Initial Hydro-static
1	35.62	104.53	Open To Flow (1)
13	48.96	104.21	Shut-In(1)
88	749.03	105.89	End Shut-In(1)
89	51.37	106.09	Open To Flow (2)
119	71.94	106.31	Shut-In(2)
239	721.91	107.50	End Shut-In(2)
241	1717.37	107.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	H <sub>2</sub> O,C,M, 20%GAS 20%OIL 60%MUD	0.31
20.00	H <sub>2</sub> O,C,M, 20% OIL 80% MUD	0.10
0.00	GIP 40'	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55855

**DST#: 1**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.09 @ 08:41:25

## Tool Information

Drill Pipe:	Length: 3505.00 ft	Diameter: 2.25 inches	Volume: 17.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 17.24 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	3529.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8167	Fluid	3495.00	
Stubb	5.00			3500.00	
Shut In Tool	5.00			3505.00	
Sampler	2.00			3507.00	
Hydraulic tool	5.00			3512.00	
Jars	5.00			3517.00	
Safety Joint	3.00			3520.00	
Packer	4.00			3524.00	34.00 Bottom Of Top Packer
Packer	5.00			3529.00	
Stubb	1.00			3530.00	
Perforations	4.00			3534.00	
Change Over Sub	1.00			3535.00	
Drill Pipe	31.00			3566.00	
Change Over Sub	1.00			3567.00	
Recorder	0.00	6625	Inside	3567.00	
Recorder	0.00	8679	Outside	3567.00	
Perforations	27.00			3594.00	
Bullnose	3.00			3597.00	68.00 Bottom Packers & Anchor

**Total Tool Length: 102.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55855

**DST#: 1**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.09 @ 08:41:25

### 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:

bbbl

Water Loss: 5.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	H <sub>2</sub> O,C,M, 20%GAS 20%OIL 60%MUD	0.310
20.00	H <sub>2</sub> O,C,M, 20% OIL 80% MUD	0.098
0.00	GIP 40'	0.000

Total Length: 83.00 ft Total Volume: 0.408 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

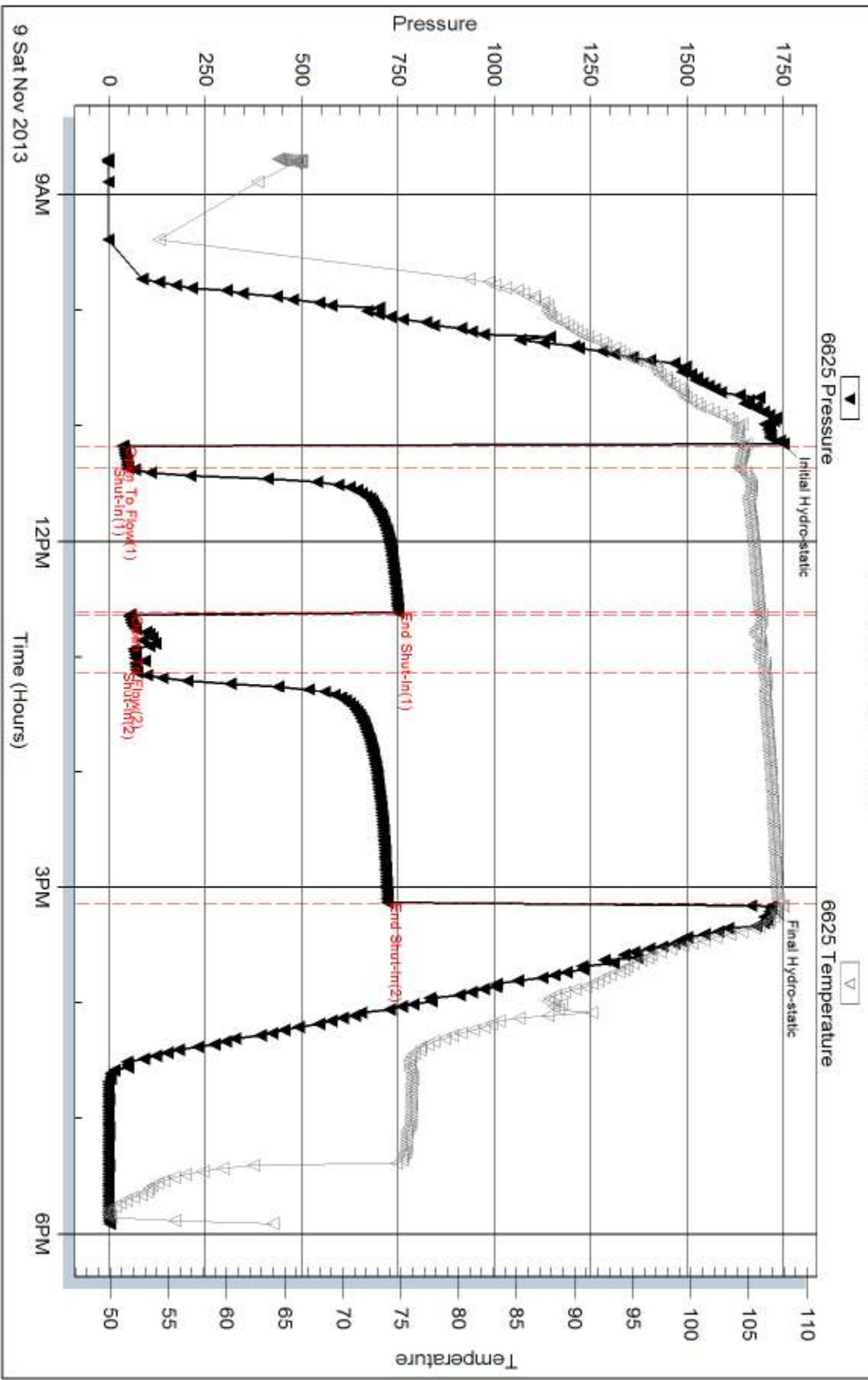
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler 400mL oil 1200mL mud 60psi

### Pressure vs. Time

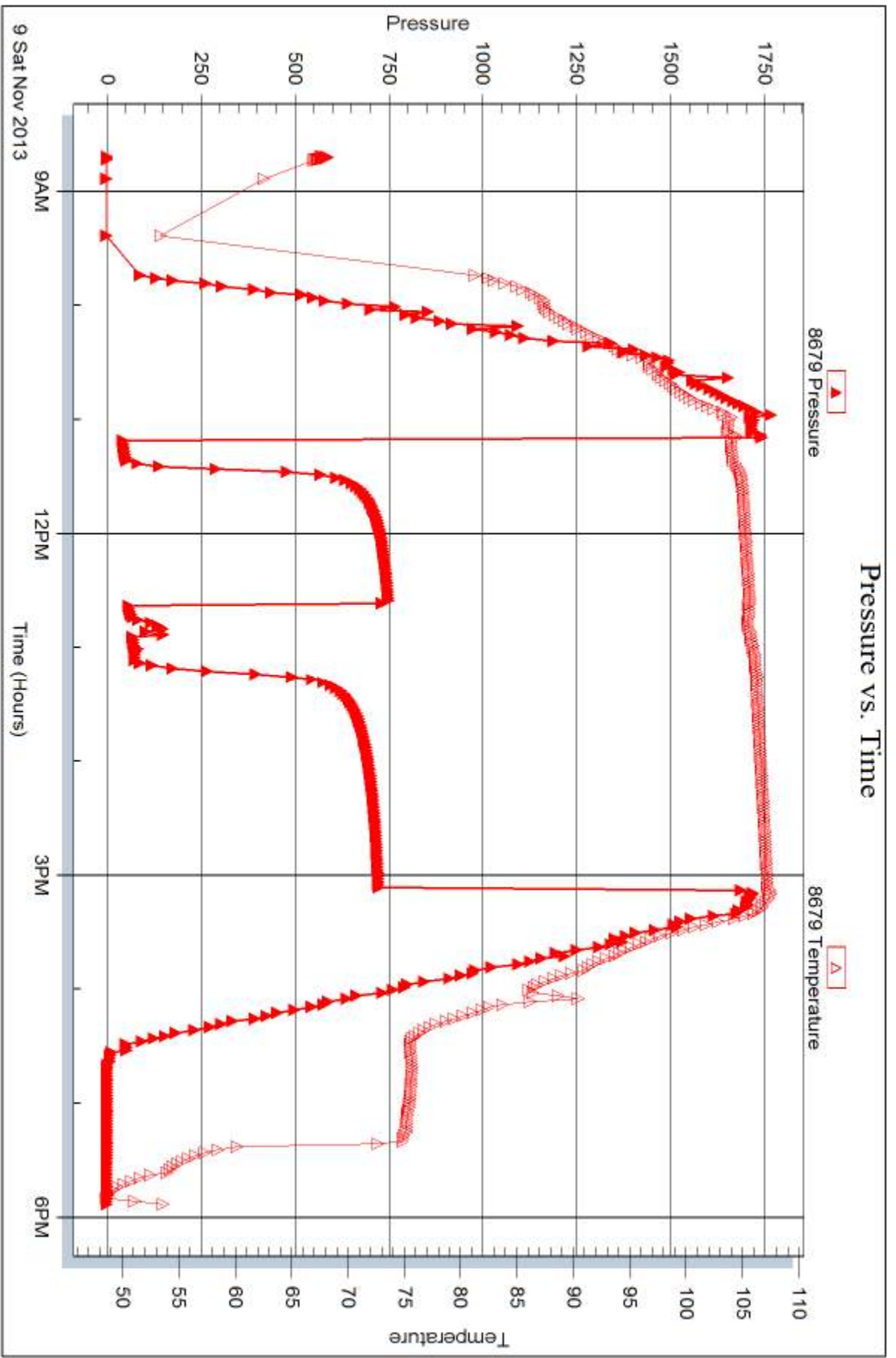


Serial #: 8679

Outside McElvain Energy Inc.

Justus #12-15

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 55855

Printed: 2013.11.15 @ 10:04:01



## DRILL STEM TEST REPORT

Prepared For: **McElvain Energy Inc.**

1050 17 th. St. Ste 2500  
Denver CO 80265

ATTN: Chris Mitchell/Jeff

### **Justus #12-15**

#### **12-10s-22w. Graham,KS**

Start Date: 2013.11.10 @ 09:50:00

End Date: 2013.11.10 @ 18:00:15

Job Ticket #: 55856                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.15 @ 09:20:37





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55856

**DST#: 2**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.10 @ 09:50:00

## GENERAL INFORMATION:

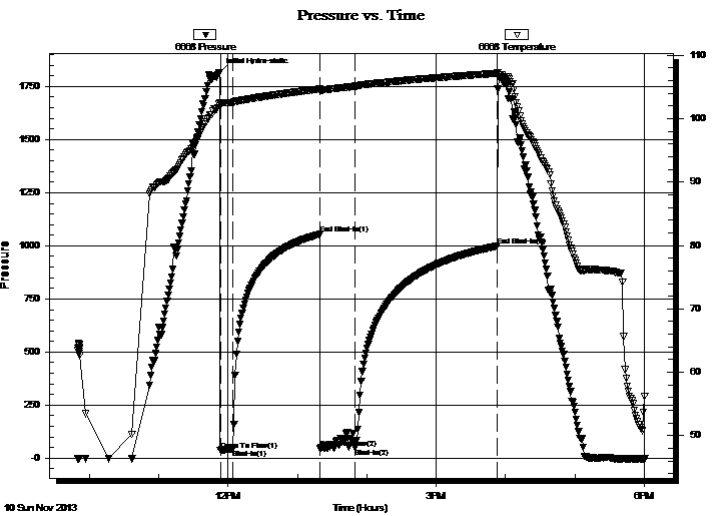
Formation: **LKC "H-I"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:53:15  
 Time Test Ended: 18:00:15  
 Interval: **3660.00 ft (KB) To 3711.00 ft (KB) (TVD)**  
 Total Depth: 3711.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bob Hamel  
 Unit No: 67  
 Reference Elevations: 2287.00 ft (KB)  
 2277.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 6668

Inside

Press@RunDepth: 48.72 psig @ 3698.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.11.10 End Date: 2013.11.10 Last Calib.: 2013.11.10  
 Start Time: 09:50:02 End Time: 18:00:15 Time On Btm: 2013.11.10 @ 11:52:45  
 Time Off Btm:

TEST COMMENT: I.F. - 10 - Blow built to 1 1/2 "  
 I.S.I - 75 - No blow back  
 F.F. - 30 - Blow started at 7 min built to 1"  
 F.S.I. - 120 - No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1816.24	102.50	Initial Hydro-static
1	37.76	101.98	Open To Flow (1)
12	42.14	102.57	Shut-In(1)
87	1054.36	104.66	End Shut-In(1)
87	45.46	104.40	Open To Flow (2)
117	48.72	105.10	Shut-In(2)
240	998.30	107.16	End Shut-In(2)

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 10%OIL 90%MUD	0.12

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham, KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55856

**DST#: 2**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.10 @ 09:50:00

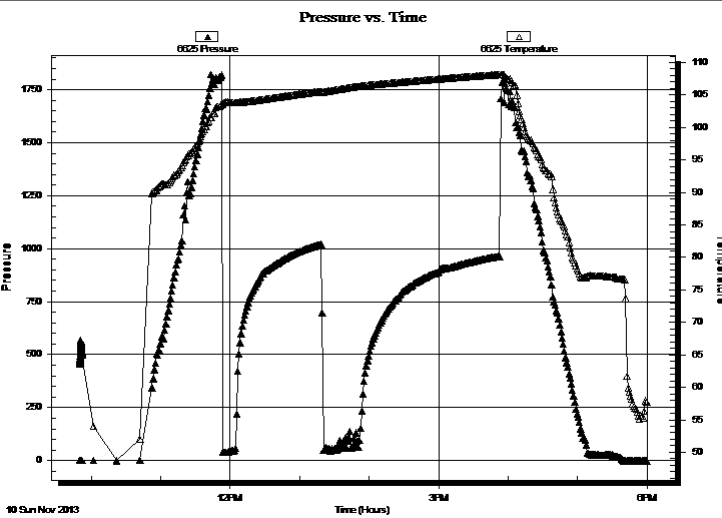
## GENERAL INFORMATION:

Formation: **LKC "H-I"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:53:15  
 Time Test Ended: 18:00:15  
 Interval: **3660.00 ft (KB) To 3711.00 ft (KB) (TVD)**  
 Total Depth: 3711.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bob Hamel  
 Unit No: 67  
 Reference Elevations: 2287.00 ft (KB)  
 2277.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 6625 Outside

Press@RunDepth: psig @ 3698.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.11.10 End Date: 2013.11.10 Last Calib.: 2013.11.10  
 Start Time: 09:50:01 End Time: 18:00:00 Time On Btm:  
 Time Off Btm:

TEST COMMENT: I.F. - 10 - Blow built to 1 1/2 "  
 I.S.I - 75 - No blow back  
 F.F. - 30 - Blow started at 7 min built to 1"  
 F.S.I. - 120 - No blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 10%OIL 90%MUD	0.12

\* 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 17 th. St. Ste 2500  
 Denver CO 80265  
 ATTN: Chris Mitchell/Jeff

**12-10s-22w. Graham,KS**

**Justus #12-15**

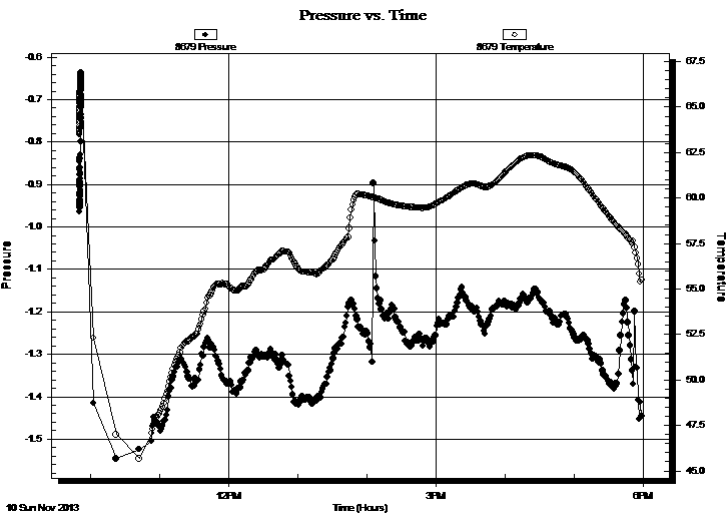
Job Ticket: 55856      **DST#: 2**  
 Test Start: 2013.11.10 @ 09:50:00

### GENERAL INFORMATION:

Formation: **LKC "H-I"**  
 Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 11:53:15      Tester: Bob Hamel  
 Time Test Ended: 18:00:15      Unit No: 67  
**Interval: 3660.00 ft (KB) To 3711.00 ft (KB) (TVD)**      Reference Elevations: 2287.00 ft (KB)  
 Total Depth: 3711.00 ft (KB) (TVD)      2277.00 ft (CF)  
 Hole Diameter: 7.88 inchesHole Condition: Fair      KB to GR/CF: 10.00 ft

**Serial #: 8679**      Fluid  
 Press@RunDepth:      psig @ 3626.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.11.10      End Date: 2013.11.10      Last Calib.: 2013.11.10  
 Start Time: 09:50:01      End Time: 17:58:30      Time On Btm:  
    Time Off Btm:

**TEST COMMENT:** I.F. - 10 - Blow built to 1 1/2 "  
 I.S.I - 75 - No blow back  
 F.F. - 30 - Blow started at 7 min built to 1"  
 F.S.I. - 120 - No blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
25.00	OCM 10%OIL 90%MUD	0.12

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55856

**DST#: 2**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.10 @ 09:50:00

## Tool Information

Drill Pipe:	Length: 3636.00 ft	Diameter: 2.25 inches	Volume: 17.88 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 17.88 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3660.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	85.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8679	Fluid	3626.00	
Stubb	5.00			3631.00	
Shut In Tool	5.00			3636.00	
Sampler	2.00			3638.00	
Hydraulic tool	5.00			3643.00	
Jars	5.00			3648.00	
Safety Joint	3.00			3651.00	
Packer	4.00			3655.00	34.00 Bottom Of Top Packer
Packer	5.00			3660.00	
Stubb	1.00			3661.00	
Perforations	4.00			3665.00	
Change Over Sub	1.00			3666.00	
Drill Pipe	31.00			3697.00	
Change Over Sub	1.00			3698.00	
Recorder	0.00	6668	Inside	3698.00	
Recorder	0.00	6625	Outside	3698.00	
Perforations	10.00			3708.00	
Bullnose	3.00			3711.00	51.00 Bottom Packers & Anchor

**Total Tool Length: 85.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 55856

**DST#: 2**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.10 @ 09:50:00

### 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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OCM 10%OIL 90%MUD	0.123

Total Length: 25.00 ft      Total Volume: 0.123 bbl

Num Fluid Samples: 0

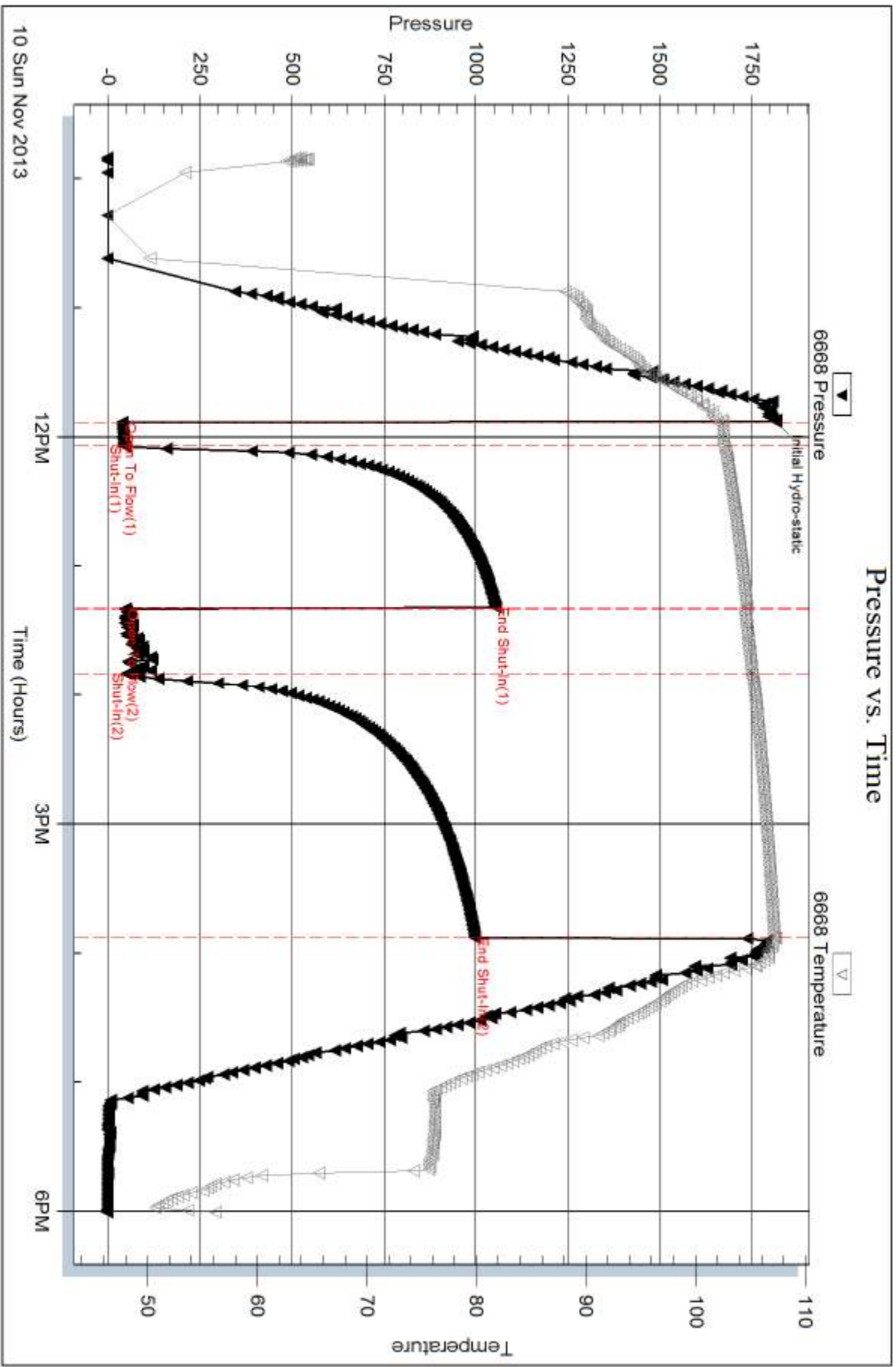
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler =.400mL Oil 600mL mud 50psi

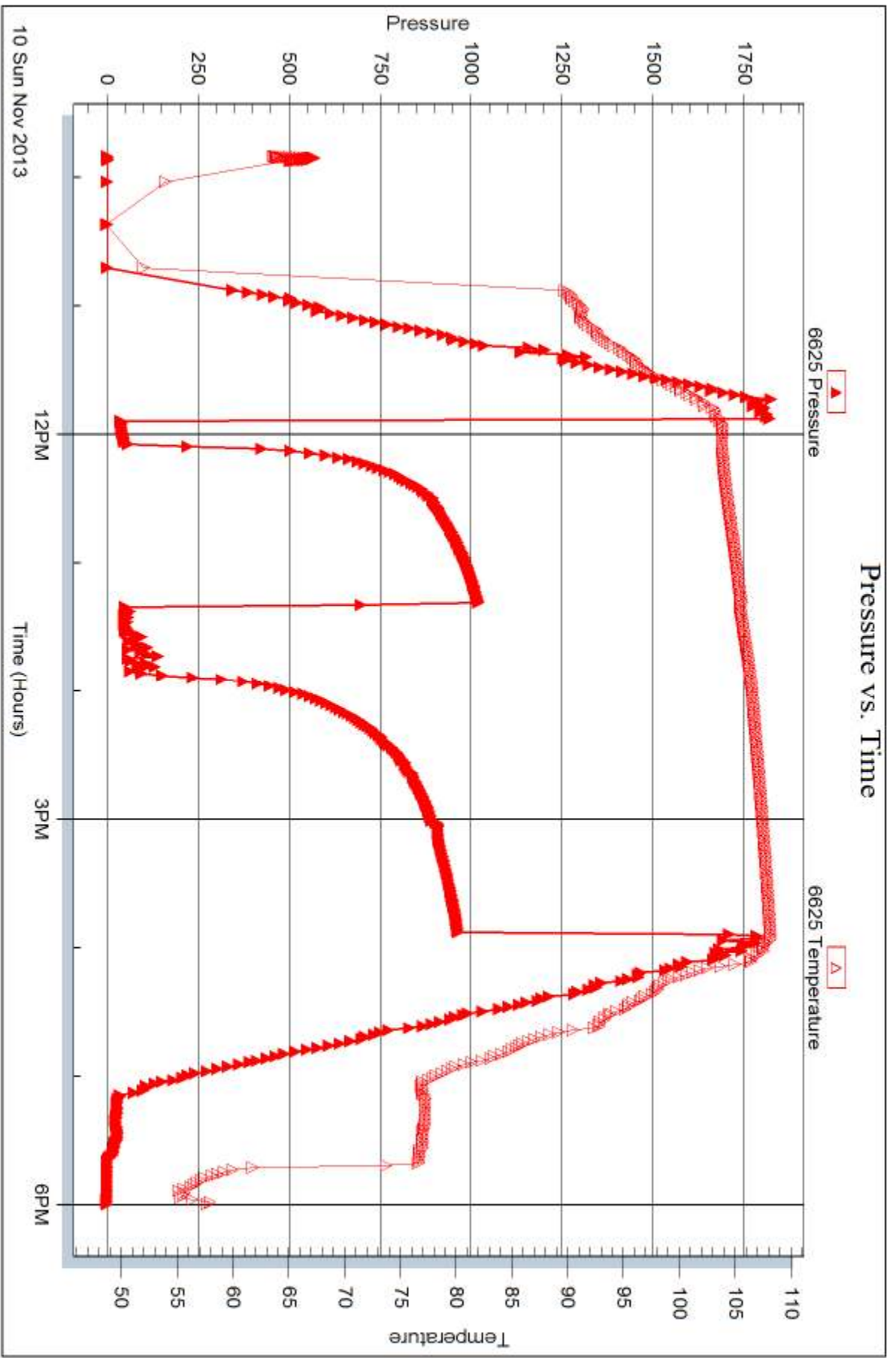


Serial #: 6625

Outside McElvain Energy Inc.

Justus #12-15

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55856

Printed: 2013.11.15 @ 09:20:39

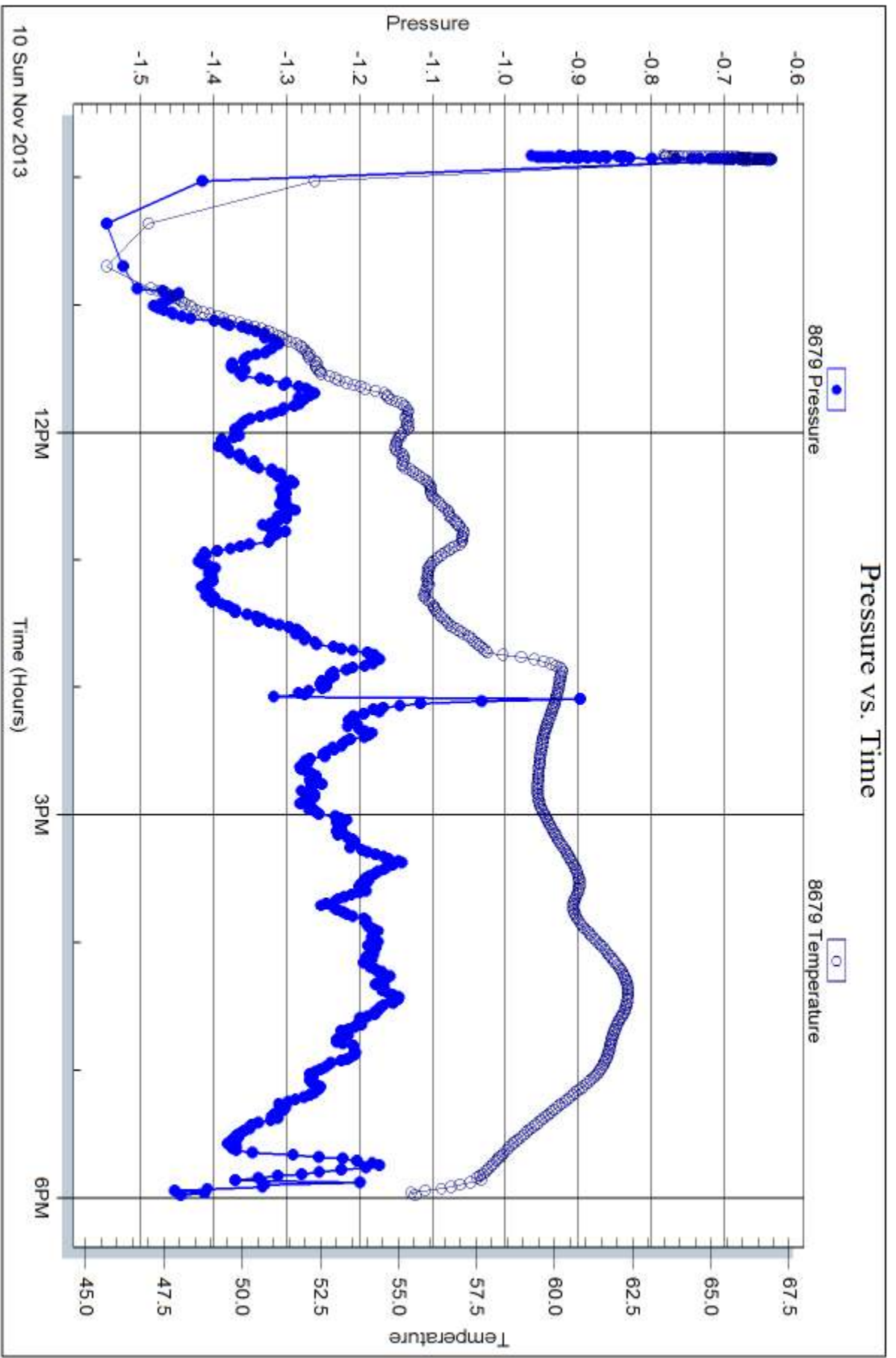
Serial #: 8679

Fluid

McEvain Energy Inc.

Justus #12-15

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 55856

Printed: 2013.11.15 @ 09:20:39





## DRILL STEM TEST REPORT

Prepared For: **McElvain Energy Inc.**

1050 17 th. St. Ste 2500  
Denver CO 80265

ATTN: Chris Mitchell/Jeff

### **Justus #12-15**

#### **12-10s-22w. Graham,KS**

Start Date: 2013.11.11 @ 02:25:45

End Date: 2013.11.11 @ 10:48:45

Job Ticket #: 039754                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.15 @ 09:19:43



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039754

**DST#: 3**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.11 @ 02:25:45

## GENERAL INFORMATION:

Formation: **LKC J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:08:15

Time Test Ended: 10:48:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3707.00 ft (KB) To 3742.00 ft (KB) (TVD)**

Reference Elevations: 2287.00 ft (KB)

Total Depth: 3742.00 ft (KB) (TVD)

2277.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6668**

**Inside**

Press@RunDepth: 21.90 psig @ 3712.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.11

End Date:

2013.11.11

Last Calib.:

2013.11.11

Start Time:

02:25:47

End Time:

10:46:45

Time On Btm:

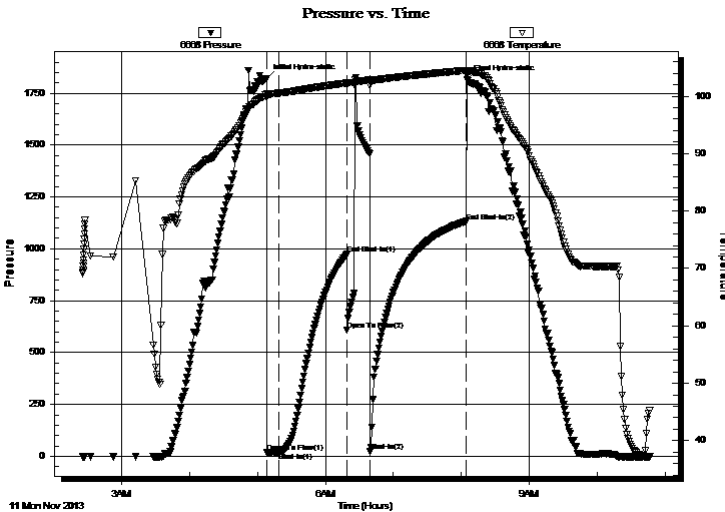
2013.11.11 @ 05:08:00

Time Off Btm:

2013.11.11 @ 08:04:45

**TEST COMMENT:** IFP=10-min=Weak blow built to 1/2"  
IS=60-min=Dead no blow back  
FFP=20-min=Dead no blow - Flushed tool - Dead  
FS=80-min=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.00	100.39	Initial Hydro-static
1	18.34	99.69	Open To Flow (1)
11	19.10	100.52	Shut-In(1)
71	973.09	102.28	End Shut-In(1)
71	609.52	102.09	Open To Flow (2)
92	21.90	101.86	Shut-In(2)
176	1132.15	104.49	End Shut-In(2)
177	1814.32	104.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud w ith oil spots	0.08

\* 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 17 th. St. Ste 2500  
Denver CO 80265  
ATTN: Chris Mitchell/Jeff

**12-10s-22w. Graham,KS**  
**Justus #12-15**  
Job Ticket: 039754 **DST#: 3**  
Test Start: 2013.11.11 @ 02:25:45

## GENERAL INFORMATION:

Formation: **LKC J-K**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 05:08:15  
Time Test Ended: 10:48:45  
Interval: **3707.00 ft (KB) To 3742.00 ft (KB) (TVD)**  
Total Depth: 3742.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Jeff Brown  
Unit No: 67  
Reference Elevations: 2287.00 ft (KB)  
2277.00 ft (CF)  
KB to GR/CF: 10.00 ft

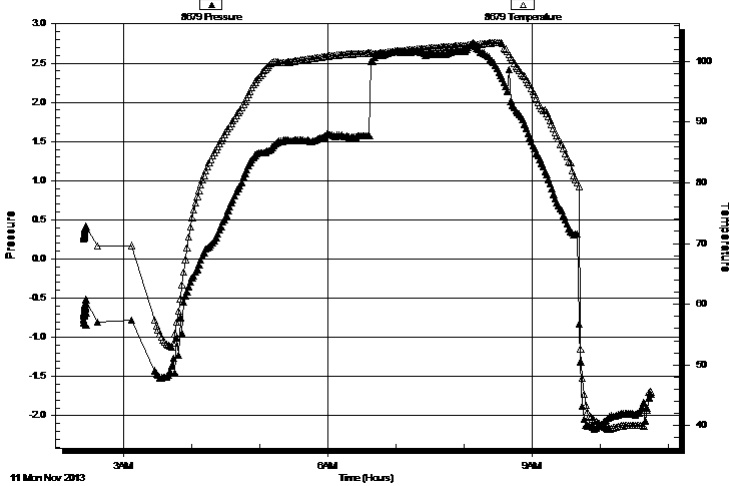
## Serial #: 8679

## Fluid

Press@RunDepth: psig @ 3673.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.11.11 End Date: 2013.11.11 Last Calib.: 2013.11.11  
Start Time: 02:25:13 End Time: 10:44:42 Time On Btm:  
Time Off Btm:

TEST COMMENT: IFP=10-min=Weak blow built to 1/2"  
IS=60-min=Dead no blow back  
FFP=20-min=Dead no blow - Flushed tool - Dead  
FS=80-min=Dead no blow back

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud w ith oil spots	0.08

## 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 17 th. St. Ste 2500  
Denver CO 80265  
ATTN: Chris Mitchell/Jeff

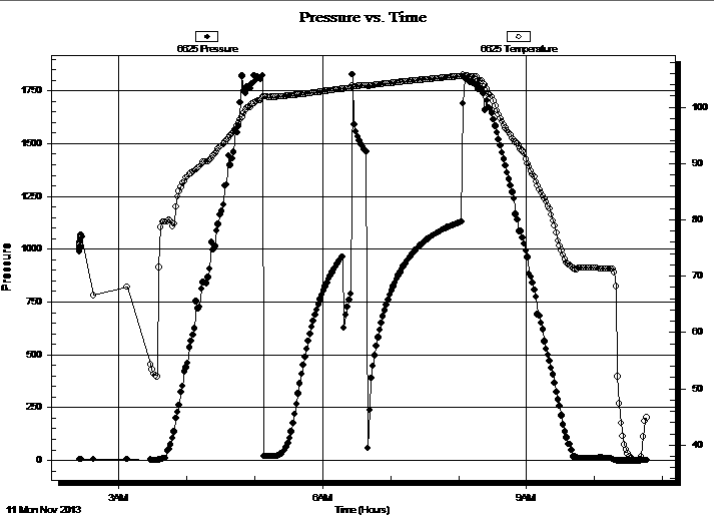
**12-10s-22w. Graham, KS**  
**Justus #12-15**  
Job Ticket: 039754      **DST#: 3**  
Test Start: 2013.11.11 @ 02:25:45

**GENERAL INFORMATION:**

Formation: <b>LKC J-K</b>			
Deviated: No Whipstock:      ft (KB)		Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 05:08:15		Tester: Jeff Brown	
Time Test Ended: 10:48:45		Unit No: 67	
<b>Interval: 3707.00 ft (KB) To 3742.00 ft (KB) (TVD)</b>		Reference Elevations: 2287.00 ft (KB)	
Total Depth: 3742.00 ft (KB) (TVD)		2277.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 10.00 ft	

<b>Serial #: 6625</b>	<b>Outside</b>		
Press@RunDepth:      psig @ 3712.00 ft (KB)		Capacity: 8000.00 psig	
Start Date: 2013.11.11	End Date: 2013.11.11	Last Calib.: 2013.11.11	
Start Time: 02:25:30	End Time: 10:46:29	Time On Btm:	
		Time Off Btm:	

**TEST COMMENT:** IFP=10-min=Weak blow built to 1/2"  
IS=60-min=Dead no blow back  
FFP=20-min=Dead no blow - Flushed tool - Dead  
FS=80-min=Dead no blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
6.00	Mud w ith oil spots	0.08

\* Recovery from multiple tests

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039754

**DST#: 3**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.11 @ 02:25:45

## Tool Information

Drill Pipe:	Length: 3690.00 ft	Diameter: 3.80 inches	Volume: 51.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 51.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3707.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8679	Fluid	3673.00	
Stubb	5.00			3678.00	
Shut In Tool	5.00			3683.00	
Sampler	2.00			3685.00	
Hydraulic tool	5.00			3690.00	
Jars	5.00			3695.00	
Safety Joint	3.00			3698.00	
Packer	4.00			3702.00	34.00 Bottom Of Top Packer
Packer	5.00			3707.00	
Stubb	1.00			3708.00	
Perforations	4.00			3712.00	
Recorder	0.00	6668	Inside	3712.00	
Recorder	0.00	6625	Outside	3712.00	
Perforations	27.00			3739.00	
Bullnose	3.00			3742.00	35.00 Bottom Packers & Anchor

**Total Tool Length: 69.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039754

**DST#: 3**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.11 @ 02:25:45

### 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: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud w ith oil spots	0.084

Total Length: 6.00 ft      Total Volume: 0.084 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

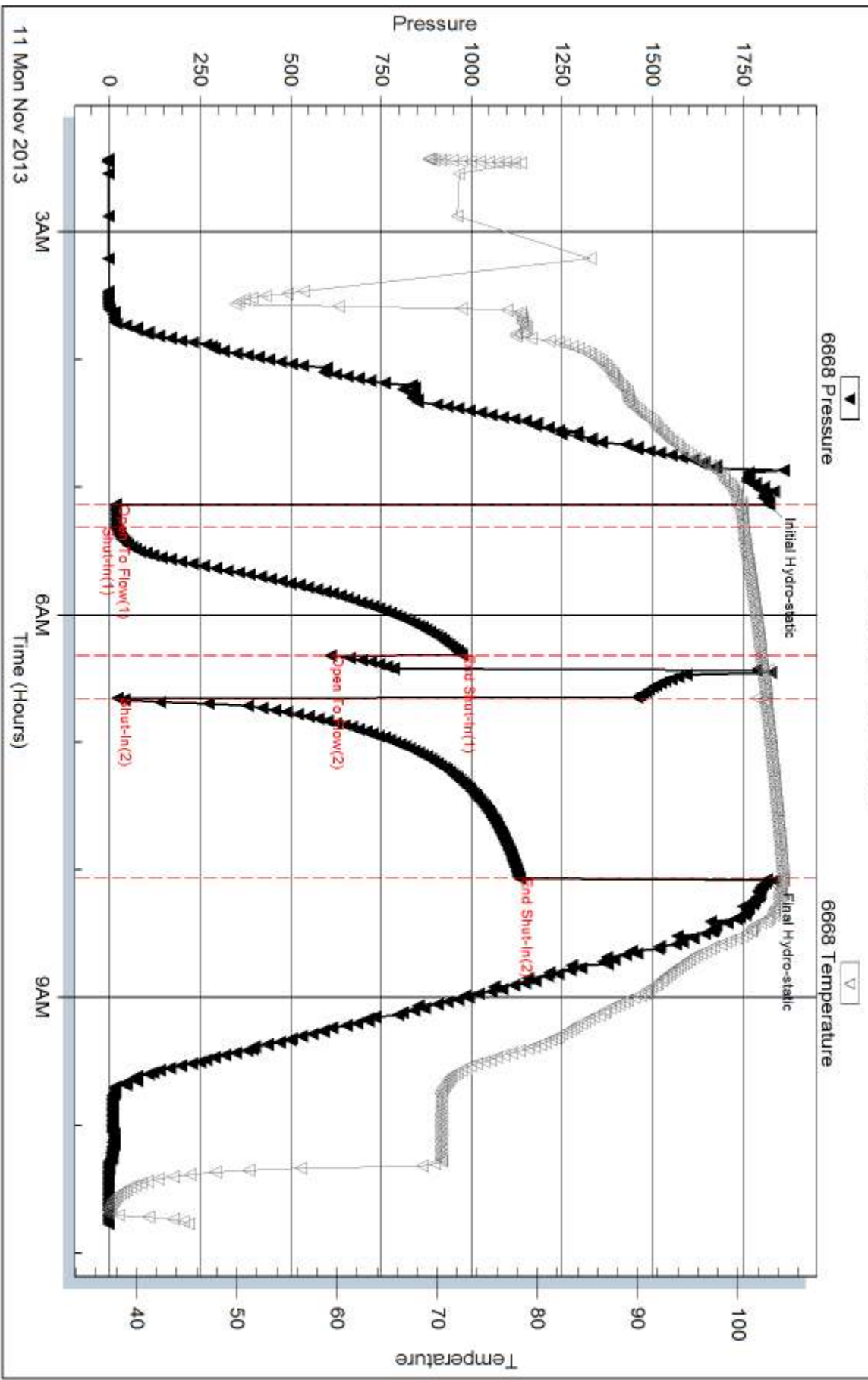
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3000 Ml of mud w ith oil spots  
30 PSI

### Pressure vs. Time



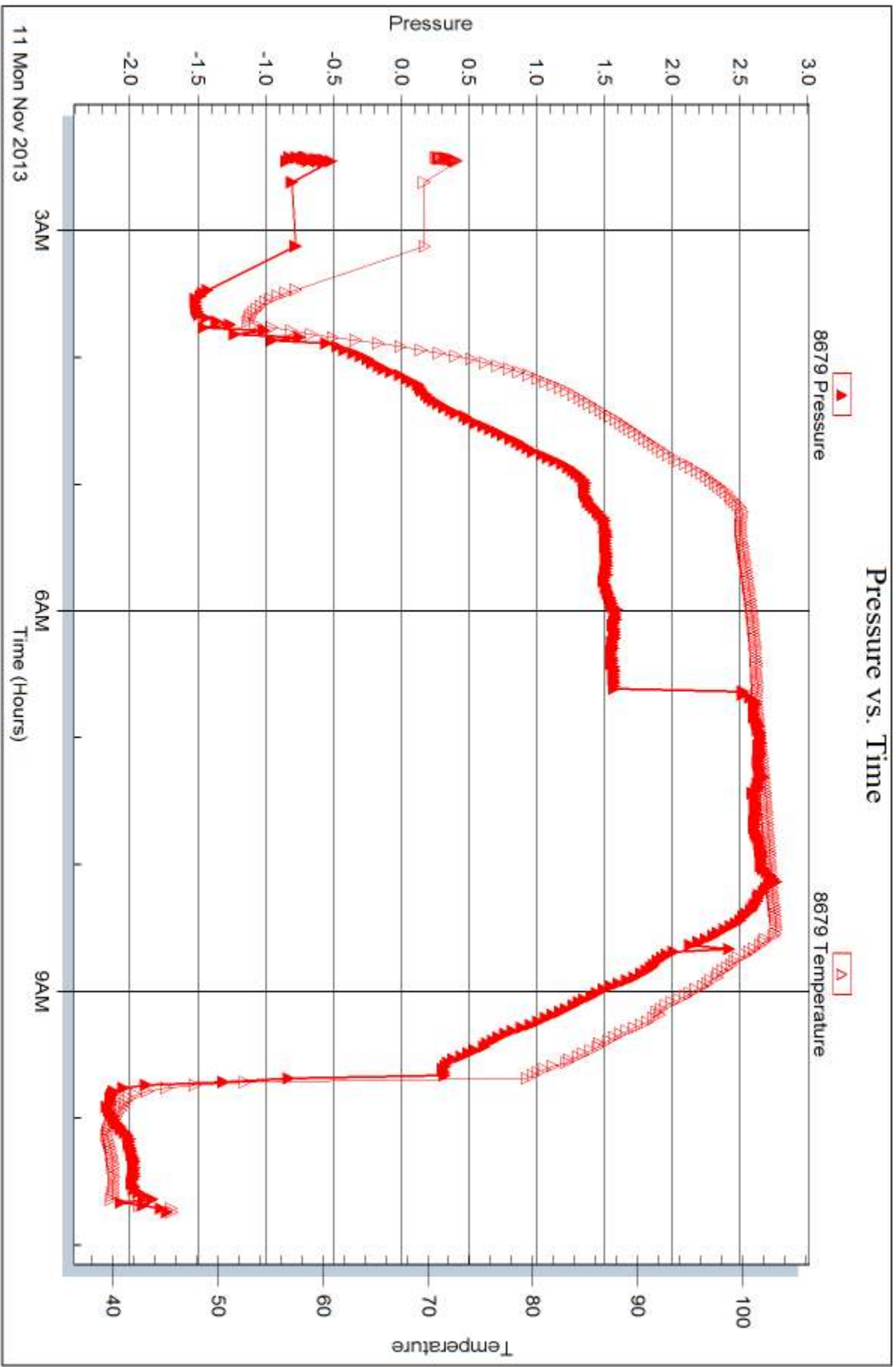
Serial #: 8679

Fluid

McBain Energy Inc.

Justus #12-15

DST Test Number: 3

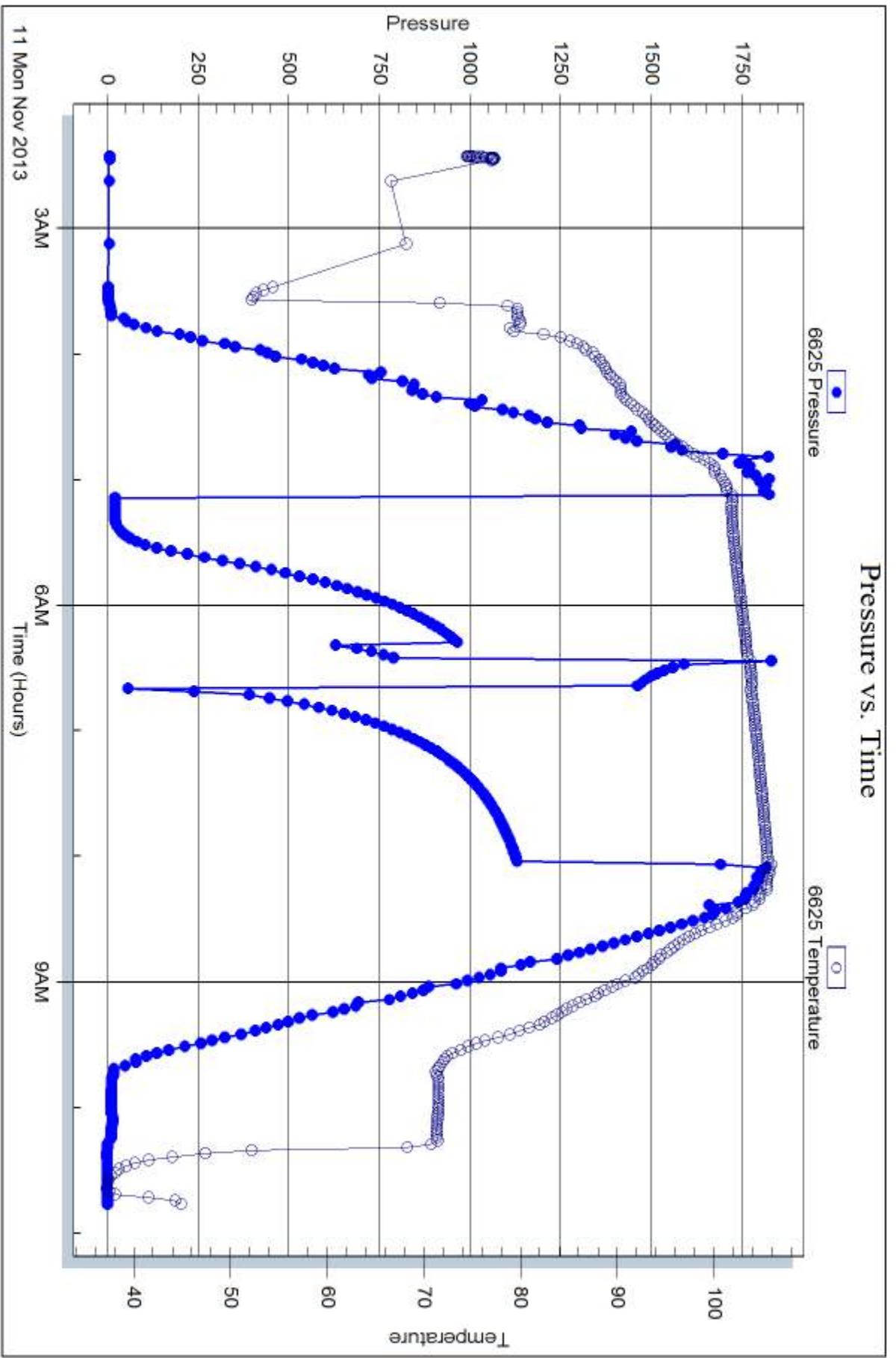


Trilobite Testing, Inc

Ref. No: 039754

Printed: 2013.11.15 @ 09:19:44







## DRILL STEM TEST REPORT

Prepared For: **McElvain Energy Inc.**

1050 17 th. St. Ste 2500  
Denver CO 80265

ATTN: Chris Mitchell/Jeff

### **Justus #12-15**

#### **12-10s-22w. Graham,KS**

Start Date: 2013.11.12 @ 00:27:07

End Date: 2013.11.12 @ 09:48:37

Job Ticket #: 039755                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.15 @ 09:19:03



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039755

**DST#: 4**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.12 @ 00:27:07

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:02:37

Time Test Ended: 09:48:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3824.00 ft (KB) To 3852.00 ft (KB) (TVD)**

Reference Elevations: 2287.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2277.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6625 Outside**

Press@RunDepth: 291.32 psig @ 3828.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.12

End Date:

2013.11.12

Last Calib.:

2013.11.12

Start Time: 00:27:08

End Time:

09:41:37

Time On Btm:

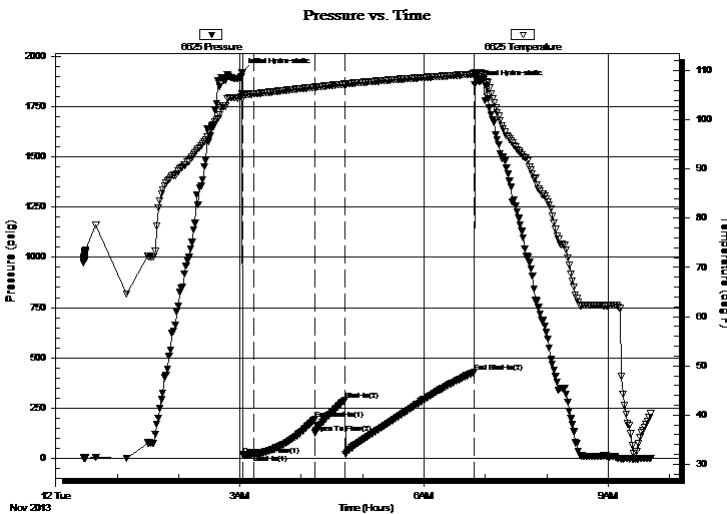
2013.11.12 @ 03:02:07

Time Off Btm:

2013.11.12 @ 06:49:37

TEST COMMENT: IFP=10-min=Weak blow built to 1/2 in  
IS=60-min=Dead no blow back  
FFP=30-min=Weak surface blow  
FS=120-min=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.92	105.33	Initial Hydro-static
1	18.22	104.48	Open To Flow (1)
12	19.82	105.33	Shut-In(1)
71	195.46	106.68	End Shut-In(1)
72	128.35	106.69	Open To Flow (2)
101	291.32	107.30	Shut-In(2)
227	429.64	109.34	End Shut-In(2)
228	1859.08	109.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud with oil spots	0.01

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039755

**DST#: 4**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.12 @ 00:27:07

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:02:37

Time Test Ended: 09:48:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3824.00 ft (KB) To 3852.00 ft (KB) (TVD)**

Reference Elevations: 2287.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2277.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8679 Fluid**

Press@RunDepth: psig @ 3790.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.12

End Date:

2013.11.12

Last Calib.:

2013.11.12

Start Time: 00:27:09

End Time:

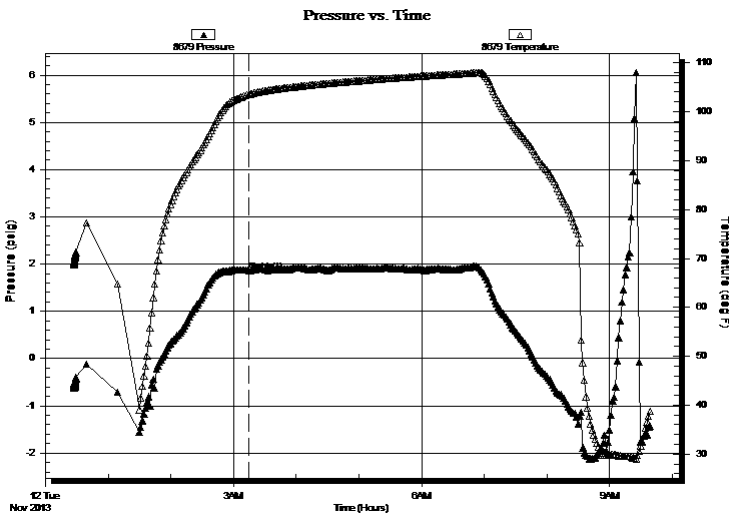
09:39:38

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IFP=10-min=Weak blow built to 1/2 in  
IS=60-min=Dead no blow back  
FFP=30-min=Weak surface blow  
FS=120-min=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1.87	103.50	Shut-In(1)

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud w ith oil spots	0.01

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039755

**DST#: 4**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.12 @ 00:27:07

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:02:37

Time Test Ended: 09:48:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 67

**Interval: 3824.00 ft (KB) To 3852.00 ft (KB) (TVD)**

Reference Elevations: 2287.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2277.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6668**

**Inside**

Press@RunDepth: psig @ 3828.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.12

End Date:

2013.11.12

Last Calib.:

2013.11.12

Start Time: 00:27:54

End Time:

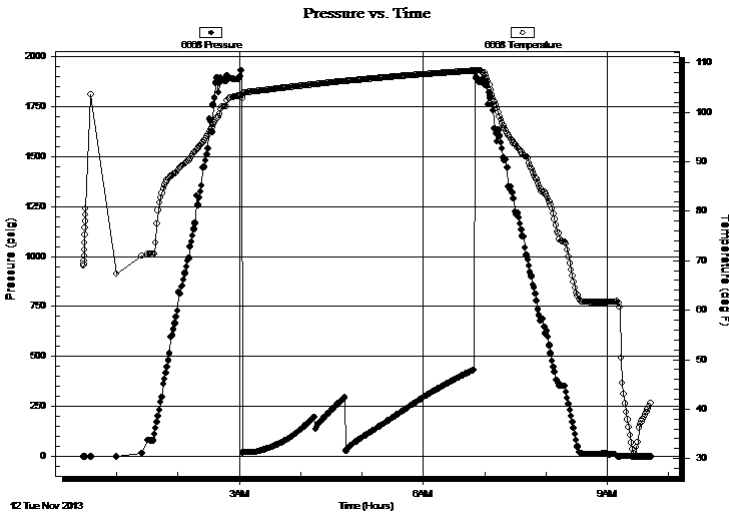
09:42:22

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IFP=10-min=Weak blow built to 1/2 in  
IS=60-min=Dead no blow back  
FFP=30-min=Weak surface blow  
FS=120-min=Dead no blow back

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud w ith oil spots	0.01

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039755

**DST#: 4**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.12 @ 00:27:07

## Tool Information

Drill Pipe:	Length: 3805.00 ft	Diameter: 2.25 inches	Volume: 18.71 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2200.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 18.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3824.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Recorder	0.00	8679	Fluid	3790.00	
Stubb	5.00			3795.00	
Shut In Tool	5.00			3800.00	
Sampler	2.00			3802.00	
Hydraulic tool	5.00			3807.00	
Jars	5.00			3812.00	
Safety Joint	3.00			3815.00	
Packer	4.00			3819.00	34.00 Bottom Of Top Packer
Packer	5.00			3824.00	
Stubb	1.00			3825.00	
Perforations	3.00			3828.00	
Recorder	0.00	6668	Inside	3828.00	
Recorder	0.00	6625	Outside	3828.00	
Perforations	20.00			3848.00	
Bullnose	4.00			3852.00	28.00 Bottom Packers & Anchor

**Total Tool Length: 62.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy Inc.

**12-10s-22w. Graham,KS**

1050 17 th. St. Ste 2500  
Denver CO 80265

**Justus #12-15**

Job Ticket: 039755

**DST#: 4**

ATTN: Chris Mitchell/Jeff

Test Start: 2013.11.12 @ 00:27:07

### 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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud w ith oil spots	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

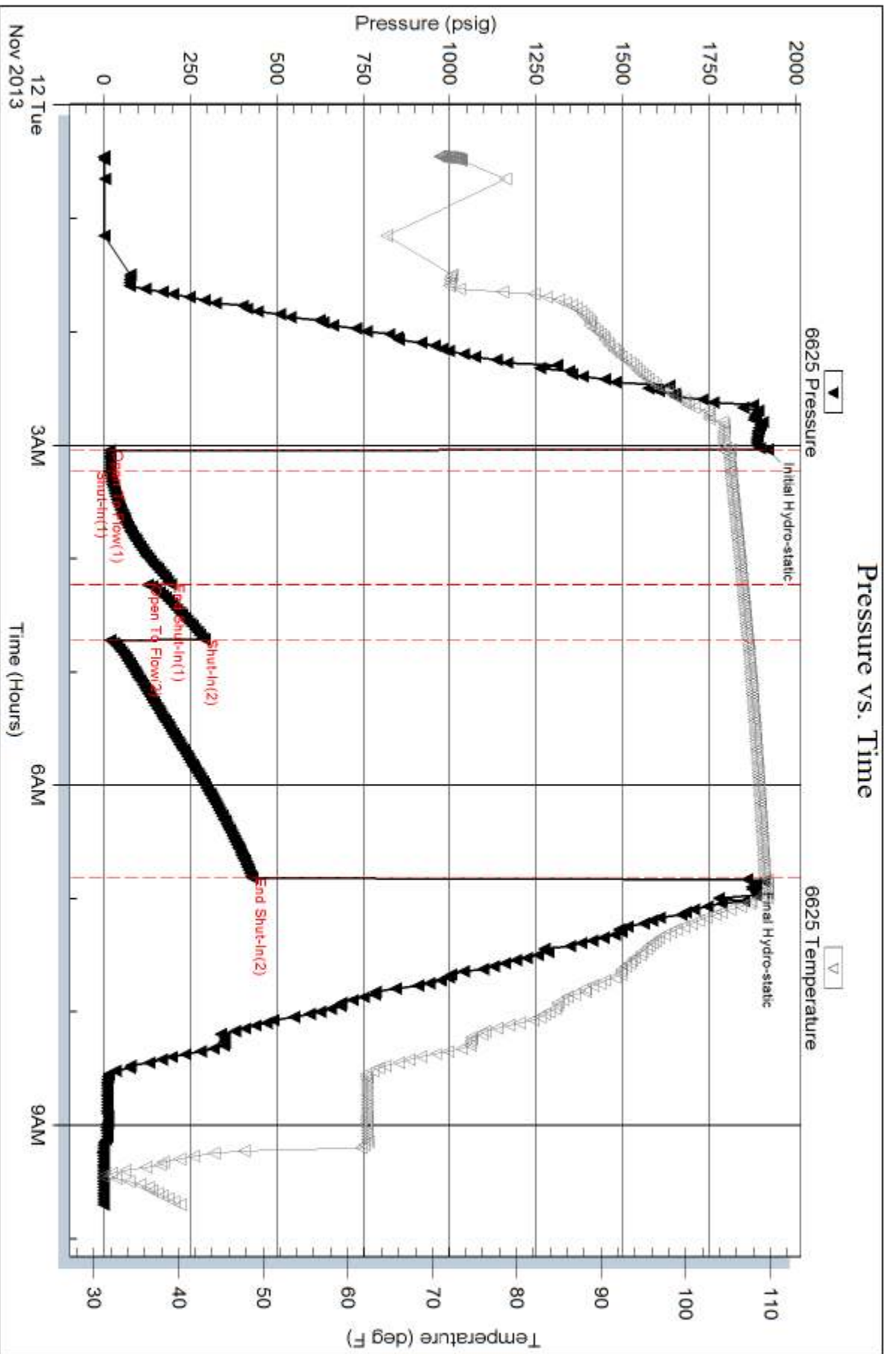
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3000 ML of Mud w ith oil spots  
40 PSI





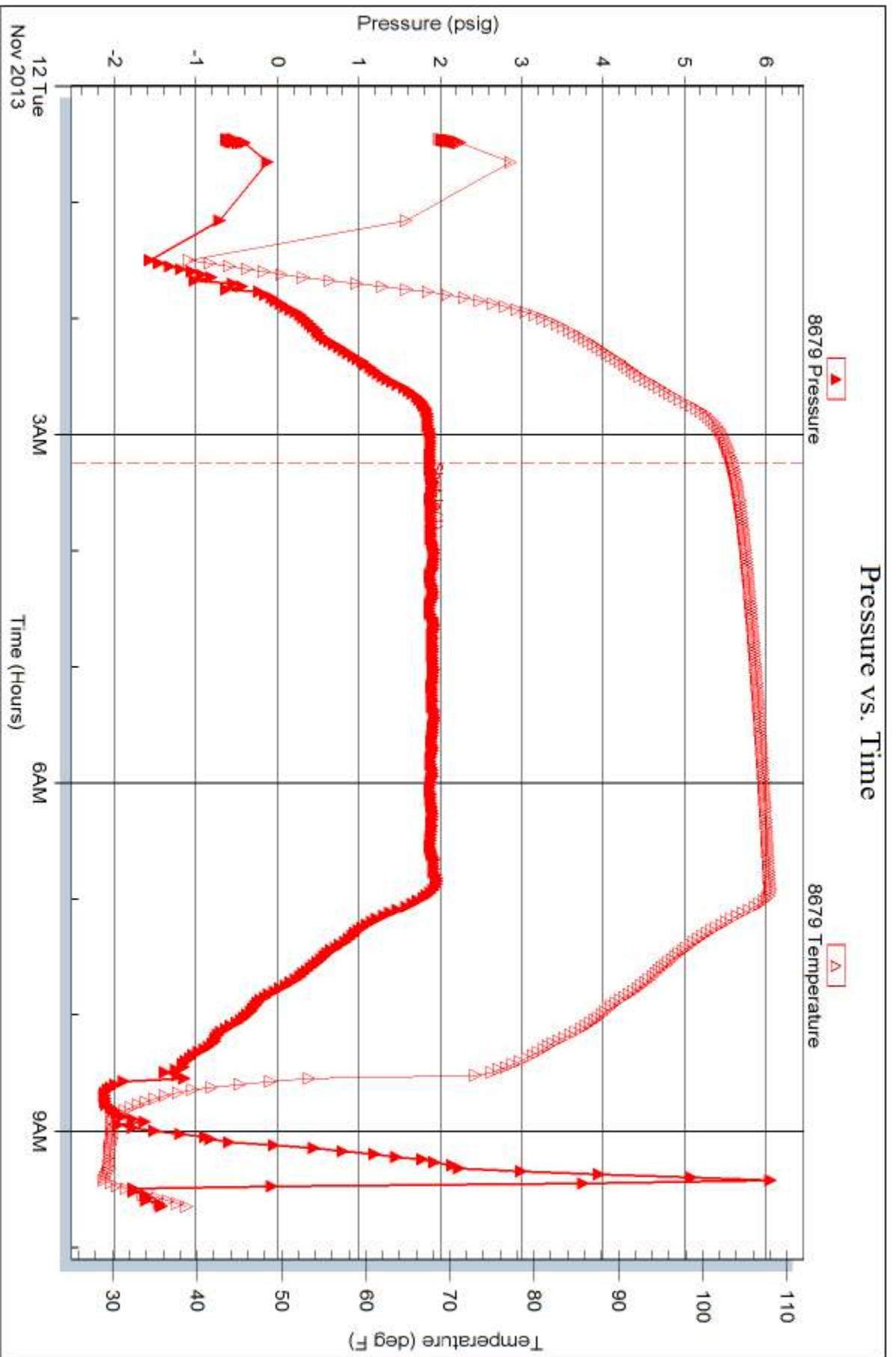
Serial #: 8679

Fluid

McBvain Energy Inc.

Justus #12-15

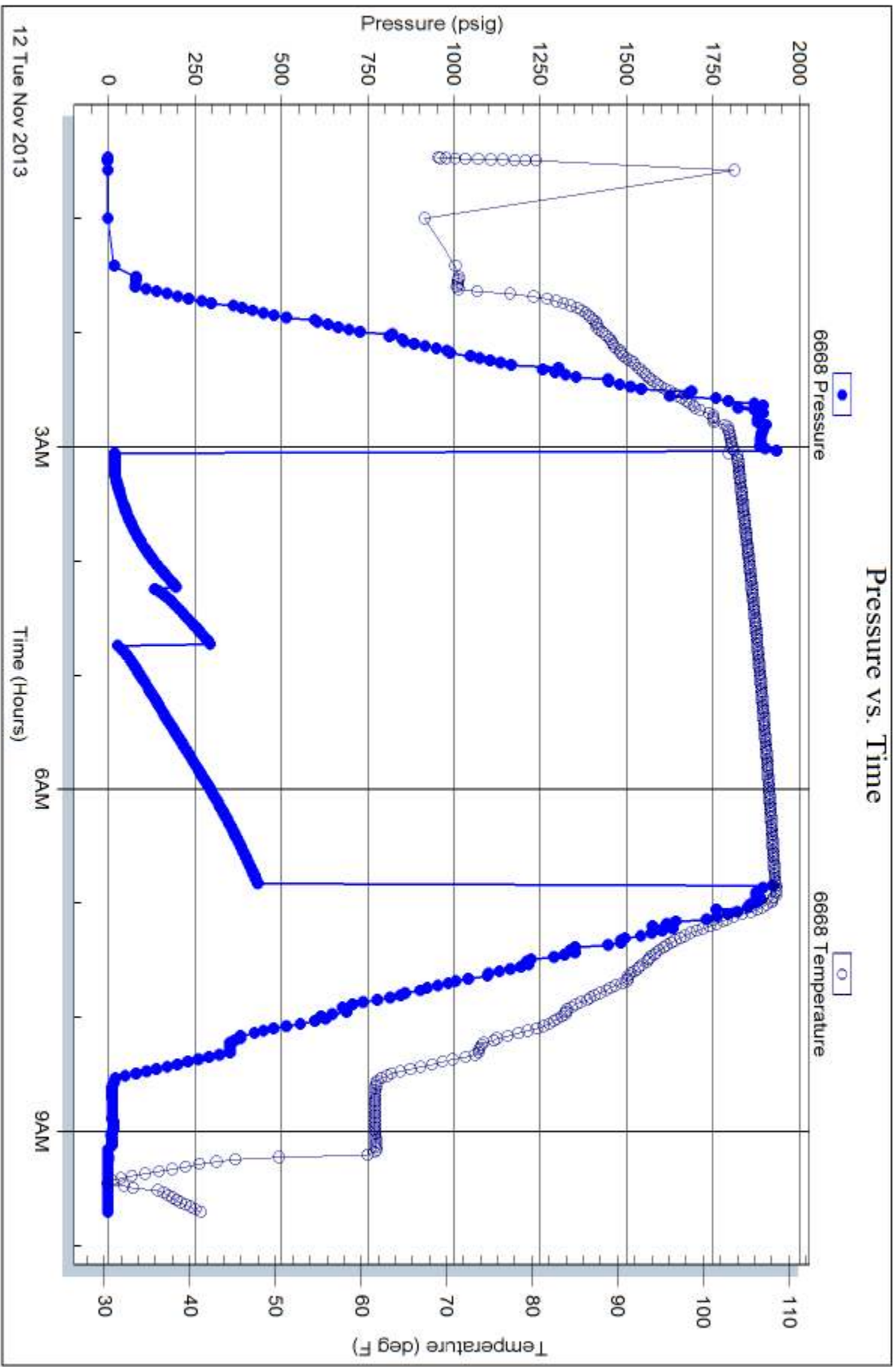
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 039755

Printed: 2013.11.15 @ 09:19:05





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **55855**

Well Name & No. Justus #12-15 Test No. 1 Date 11-9-2013  
 Company McElvain Energy INC. Elevation 2287 KB 2277 GL  
 Address 1050 17th St. Suite 2500 Denver CO, 80265  
 Co. Rep / Geo. Chris Mitchell / Jeff Beindel Rig Val Energy Rig #6  
 Location: Sec. 12 Twp. 10-5 Rge. 22-W Co. Graham State KS.

Interval Tested 3529-3598 Zone Tested Lans. - "A+C"  
 Anchor Length 69' Drill Pipe Run 3505 Mud Wt. 9.0  
 Top Packer Depth 3524 Drill Collars Run --- Vis 55  
 Bottom Packer Depth 3529 Wt. Pipe Run --- WL 5.4  
 Total Depth 3598 Chlorides 2,400 ppm System LCM 1

Blow Description I.F.-10-1/4 INT. Blow Built to (1 1/2" in 10 min.)

I.S.I-75- No B.B.

F.F-30- 1/4 INT. Blow Built to (6 1/2" in 30 min.)

F.S.I-120- No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>GIP 40'</u>	<u>100</u>			
<u>20</u>	<u>HOCM</u>		<u>20</u>		<u>80</u>
<u>63</u>	<u>HGOCM</u>	<u>20</u>	<u>20</u>		<u>60</u>

Rec Total 83 BHT 107 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1,750  Test 1150 T-On Location 06:45:00  
 (B) First Initial Flow 36  Jars 250 T-Started 08:35:00  
 (C) First Final Flow 49  Safety Joint 75 T-Open 11:13:00  
 (D) Initial Shut-In 749  Circ Sub T-Pulled 15:08:00  
 (E) Second Initial Flow 51  Hourly Standby T-Out 19:02:00  
 (F) Second Final Flow 72  Mileage 96 Rt. 148.80 Comments "thank-you"  
 (G) Final Shut-In 722  Sampler 250  Ruined Shale Packer  
 (H) Final Hydrostatic 1,717  Straddle  Ruined Packer

Initial Open 10  Extra Packer  Extra Copies  
 Initial Shut-In 75  Extra Recorder Sub Total 0  
 Final Flow 30  Day Standby Total 2123.80  
 Final Shut-In 120  Accessibility MP/DST Disc't  
 Sub Total 2123.80

Approved By \_\_\_\_\_ Our Representative Bob Horn

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. SS855 Date 11-9-2013  
 Company Name Mc Elvain Energy TNE  
 Lease Latus #12-15 Test No. 1  
 County Graham Sec. 12 Twp. 10-5 Rng. 22-W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil 400 ML  
 Mud 1200 ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 60 ML  
 Total 1600 ML

### PIT MUD ANALYSIS

Chlorides 2,400 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 55  
 Mud Weight 9.0  
 Filtrate 5.4  
 Other \_\_\_\_\_  
1600 ML Holm 3080 707M

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**MIDDLE**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**BOTTOM**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **55856**

Well Name & No. Justus #12-15 Test No. 2 Date 11-10-2013  
 Company McElvain Energy INC. Elevation 2287 KB 2277 GL  
 Address 1050 17<sup>th</sup> St, Suite 2500 Denver CO. 80265  
 Co. Rep / Geo. Chris Mitchell / Jeff Reindel Rig Val Energy Rig #6  
 Location: Sec. 12 Twp. 10-S Rge. 22-W Co. Graham State KS.

Interval Tested 3660-3711 Zone Tested hans "H-I"  
 Anchor Length 51 Drill Pipe Run 3,636 Mud Wt. 9.3  
 Top Packer Depth 3655 Drill Collars Run — Vis 56  
 Bottom Packer Depth 3660 Wt. Pipe Run — WL 6.4  
 Total Depth 3711 Chlorides 2,400 ppm System LCM 1

Blow Description I.F.-10-1/4 INT. Blow Built to (1 1/2 in 10 Min.)  
I.S.I.-75- No B.B.  
F.F.-30- No INT. Blow Built to (1 in 30 min.)  
F.S.I.-120- No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

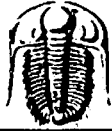
Rec Total 25 BHT 107 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1,876  Test 1150 T-On Location 09:15:00  
 (B) First Initial Flow 38  Jars 250 T-Started 09:50:00  
 (C) First Final Flow 42  Safety Joint 75 T-Open 11:53:00  
 (D) Initial Shut-In 1,054  Circ Sub \_\_\_\_\_ T-Pulled 15:48:00  
 (E) Second Initial Flow 45  Hourly Standby \_\_\_\_\_ T-Out 18:00:00  
 (F) Second Final Flow 49  Mileage 148.80 Comments \_\_\_\_\_  
 (G) Final Shut-In 998  Sampler 250  
 (H) Final Hydrostatic 1,799  Straddle \_\_\_\_\_  
 Shale Packer 250

Initial Open 10  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 75  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Copies \_\_\_\_\_  
 Final Shut-In 120  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 2123.80  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 2123.80

Approved By \_\_\_\_\_ Our Representative Butt

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. SS856 Date 11-10-2013  
 Company Name Mc Elvain Energy INC.  
 Lease Justus #12-15 Test No. 2  
 County Graham Sec. 12 Twp. 10-S Rng. 22-W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil 400 ML  
 Mud 600 ML  
 Water \_\_\_\_\_ ML  
 Other D,C,M. 15% O 85% M ML  
 Pressure 50 ML  
 Total 1,000 M.L ML

### PIT MUD ANALYSIS

Chlorides 2,400 ppm.  
 Resistivity — ohms @ — F  
 Viscosity 56  
 Mud Weight 9.3  
 Filtrate 6.4  
 Other \_\_\_\_\_

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
**MIDDLE**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
**BOTTOM**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 039754

4/10

Well Name & No. JUSTUS #12-15 Test No. 3 Date 11-11-13  
 Company McELVain Energy INC Elevation 2287 KB 2277 GL  
 Address 1050 17th ST Suite 2500 Denver Co. 80205  
 Co. Rep / Geo. Chris Mitchell Rig VAL #6  
 Location: Sec. 12 Twp. 10 S Rge. 22 W Co. Graham State KS

Interval Tested 3707-3742 Zone Tested Lansing J & K  
 Anchor Length 35' Drill Pipe Run 3290 Mud Wt. 9.4  
 Top Packer Depth 3702 Drill Collars Run 0 Vis 55  
 Bottom Packer Depth 3707 Wt. Pipe Run 0 WL 4.8  
 Total Depth 3742 Chlorides 2600 ppm System LCM 1

Blow Description FF-Weak Blow Built To 1/2 IN  
ISI-Dead No Blow Back  
FF-Dead - Flushed Tool - Dead  
ISI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>6</u>	<u>Mud with oil spots</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 6 BHT 104 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1820</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>2:05</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>2:25</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>5:09</u>
(D) Initial Shut-In <u>973</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>7:59</u>
(E) Second Initial Flow <u>610</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:48</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage 148.80	Comments <u>3000 ML of mud with</u>
(G) Final Shut-In <u>1132</u>	<input checked="" type="checkbox"/> Sampler 250	<u>0.1 spots - 30 PSI</u>
(H) Final Hydrostatic <u>1814</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>600</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>20</u>	<input checked="" type="checkbox"/> Extra Recorder 200	Sub Total <u>0</u>
Final Shut-In <u>80</u>	<input type="checkbox"/> Day Standby	Total <u>2073.80</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2073.80</u>	

Approved By \_\_\_\_\_ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 039755

Well Name & No. JUSTUS #12-15 Test No. 4 Date 11-11-13  
 Company McELVain Energy INC Elevation 2287 KB 2277 GL  
 Address 1050 17th ST Suite 2500 Denver Co 80265  
 Co. Rep / Geo. Chris Mitchell Rig Val #4  
 Location: Sec. 12 Twp. 10S Rge. 22W Co. Graham State KS

Interval Tested 3824-3852 Zone Tested Marmaton  
 Anchor Length 28 Drill Pipe Run 3805 Mud Wt. 9.3  
 Top Packer Depth 3819 Drill Collars Run 0 Vis 52  
 Bottom Packer Depth 3824 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3852 Chlorides 2300 ppm System LCM 2300

Blow Description FP-Weak Blow Built to 1/2 IN  
1st-Dead No Blow Back  
FP-Weak Surface Blow  
1st-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud with oil SPOT'S</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 109 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1919  Test 1150 T-On Location 23:20  
 (B) First Initial Flow 18  Jars 250 T-Started 00:27  
 (C) First Final Flow 20  Safety Joint 75 T-Open 3:03  
 (D) Initial Shut-In 195  Circ Sub T-Pulled 8:43  
 (E) Second Initial Flow 128  Hourly Standby T-Out 9:48  
 (F) Second Final Flow 291  Mileage 297.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 430  Sampler 250 3000 ML of Mud with  
 (H) Final Hydrostatic 1859  Straddle Oil SPOTS - 40 PSI  
 Shale Packer  Ruined Shale Packer  
 Shale Packer  Ruined Packer Loaded Tool  
 Extra Packer  Extra Copies @ 7.24 on  
 Extra Recorder 200 Sub Total 0 11-13-13  
 Day Standby Total 222.60  
 Accessibility MP/DST Disc't \_\_\_\_\_  
 Sub Total 2222.60

Approved By \_\_\_\_\_ Our Representative Jeff Brown

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Thomas E. Wright, Commissioner  
Jay Scott Emler, Commissioner

Sam Brownback, Governor

March 11, 2014

Jeff Reindl/Jim McKinney  
McElvain Energy, Inc.  
1050 17TH ST STE 2500  
DENVER, CO 80265-2080

Re: ACO-1  
API 15-065-23978-00-00  
Justus 12-15  
SE/4 Sec.12-10S-22W  
Graham County, Kansas

Dear Jeff Reindl/Jim McKinney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/4/2013 and the ACO-1 was received on March 06, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department