



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1193358  
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: \_\_\_\_\_

1193358

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> <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	Goetsch 9-16
Doc ID	1193358

All Electric Logs Run

Porosity-Neutron/Neutron Density
Sonic
Resistivity - DIL
Microlog
Mudlog

Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Goetsch 9-16
Doc ID	1193358

Tops

Name	Top	Datum
Stone Corral	3079	342
Heebner	4217	-785
Lansing A	4272	-840
Lansing C	4303	-871
Lansing H	4397	-965
Marmaton	4546	-1133
Ft. Scott	4651	-1219
Cherokee	4712	-1280
Morrow	4890	-1458
Miss	5010	-1578



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 140037  
Invoice Date: Nov 27, 2013  
Page: 1

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

RECEIVED

DEC 10 2013

McElvain Energy, Inc.  
Denver Office

Customer ID	Field Ticket #	Payment Terms	
McElv	62158	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 27, 2013	12/27/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Goetsch #9-16		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
8.00	CEMENT MATERIALS	Chloride	64.00	512.00
56.00	CEMENT MATERIALS	Flo Seal	2.97	166.32
237.70	CEMENT SERVICE	Cubic Feet Charge	2.48	589.50
432.00	CEMENT SERVICE	Ton Mileage Charge	2.60	1,123.20
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Adam Flipse		

CODE: 4225

DEC 18 2013

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

\$ 2,433.13

ONLY IF PAID ON OR BEFORE  
Dec 22, 2013

Subtotal	8,689.77
Sales Tax	395.29
Total Invoice Amount	9,085.06
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,085.06</b>

# ALLIED OIL & GAS SERVICES, LLC 062158

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Dakota KS  
(11-24-13)

DATE <u>11-27-13</u>	SEC. <u>9</u>	TWP. <u>6</u>	RANGE <u>37</u>	CALLED OUT	ON LOCATION <u>11:00 p.m.</u>	JOB START <u>4:00 a.m.</u>	JOB FINISH <u>4:50 a.m.</u>
LEASE <u>Goetsch</u>	WELL # <u>9-116</u>	LOCATION <u>Brewster N to BBW to 35</u>			COUNTY <u>Sherman</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>1N Winto</u>			

CONTRACTOR <u>H2 rig 4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>350'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>350.96</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>21.34 bbl water</u>	

PUMP TRUCK	CEMENTER <u>Paul Beaver</u>
# <u>120</u>	HELPER <u>Tyler Flipse</u>
BULK TRUCK	
# <u>5160</u>	DRIVER <u>Adam Flipse</u>
BULK TRUCK	
#	DRIVER

CEMENT	
AMOUNT ORDERED <u>22.5 sks Com 3% CC</u>	
<u>1/4" Flo-seal</u>	
COMMON <u>22.5 sks @ 17.90</u>	<u>4027.50</u>
POZMIX	@
GEL	@
CHLORIDE <u>8 sks @ 64.00</u>	<u>512.00</u>
ASC	@
<u>Flo-seal 5 6" @ 2.97</u>	<u>176.32</u>
HANDLING <u>237.70 ft @ 2.48</u>	<u>589.50</u>
MILEAGE <u>432 ton/mi @ 2.60</u>	<u>1123.20</u>
TOTAL <u>6418.52</u>	

REMARKS:  
mix 22.5 sks Com 3% CC 1/4" Flo  
Displace with water (21.34 bbl)  
Cement did circulate

SERVICE	
DEPTH OF JOB	<u>350'</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE MINV <u>40 @ 7.70</u>	<u>308.00</u>
MANIFOLD <u>swedge @ 275.00</u>	<u>275.00</u>
MILV <u>40 @ 4.40</u>	<u>176.00</u>
TOTAL <u>2271.25</u>	

CHARGE TO: McElvain Oil + Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT	
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

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 Rodny Gonzalez

SIGNATURE Rodny Gonzalez

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 8,689.77

DISCOUNT 2,433.13 IF PAID IN 30 DAYS

6,256.63 Net.

Bid

BID SHEET



Date	11/26/13
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27 Oaklev, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-673-9376

Company		McElvyn Oil & Gas Properties, Inc.	Prepared For:	Jeff Reindl	Well Data		
Address	Denver Colorado	Title:	Operations Engineer	Open Hole	12 1/4	Depth	350
Address	Goetsch	Business Phone:	303-893-0933x375			I.D.	12.25
Well Name	#9-16	E-mail:	jeff.reindl@mcelva.com			Job Excess	60
Lease		Fax No.:	720-215-9288	Casing Size	8 6/8	Depth	350
Field	Sherman	Prepared By:	Neal Rupp			O.D.	8.6875
County	Kansas	Title:	Sales & Field Operations Manag			I.D.	7.825
State	9	Business Phone:	316-260-3368			Casing Weight	24
Section	6S	E-mail:	neal.rupp@alliedservices.com			Thread	SIC
Township	37W	Mobile Phone:	316-250-7057			Grade	J-55
Range		Rlg Contractor	Unknown				
API Number	Surface Casing	Rlg Name					
Proposal Title:		Rlg Phone					

	Units	UOM	Cost per Unit	Total	Unit	
					Net	Net
CMN - Casing Pump Charge 0 to 300'	1.00	(for 6 hours)	\$1,512.25	\$ 1,512.25	\$ 1,088.82	\$1,088.82
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 198.00	\$198.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 1,787.25		\$1,286.82
Wooden Plug	1.00	Each	\$67.50	\$ 67.50	\$ 67.50	\$67.50
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
Subtotal				\$ 67.50		\$67.50
CAC - CLASS A COMMON	225.00	per sack	\$17.90	\$ 4,027.50	\$ 12.89	\$2,899.80
CACL - Calcium Chloride	8.00	per sack	\$64.00	\$ 512.00	\$ 46.08	\$368.64
FLSL - Flt Seal	56.00	per pound	\$2.97	\$ 166.32	\$ 2.14	\$119.75
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 4,705.82		\$3,388.19
HOLG - Products handling service charge	237.70	per cu. ft.	\$2.48	\$ 589.50	\$ 1.79	\$424.44
DRYG - Drayage for products	432.00	ton mile	\$2.60	\$ 1,123.20	\$ 1.87	\$808.70
MILV - Light Vehicle Mileage	40.00	per mile	\$4.40	\$ 176.00	\$ 3.17	\$126.72
MJHV - Heavy Vehicle Mileage	40.00	per mile	\$7.70	\$ 308.00	\$ 5.54	\$221.76
Subtotal				\$ 2,196.70		\$1,581.62
	0.00	0.00	\$0.00	\$ -	\$ -	\$206.25
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ -		\$206.25
Totals:				\$ 8,757.27		\$6,530.38
DISCOUNT: Operations			28.0%	(500.43)		
DISCOUNT: Equipment Sales			0.0%	0.00		
DISCOUNT: Products			28.0%	(1,317.63)		
DISCOUNT: Transport			28.0%	(615.07)		
DISCOUNT: OTHER			28.0%	206.25		
			Total	(2,226.88)		



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 140149  
Invoice Date: Dec 7, 2013  
Page: 1

RECEIVED

DEC 16 2013

McElvain Energy, Inc.  
Denver Office

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

Customer ID	Field Ticket #	Payment Terms	
McElv	62166	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Dec 7, 2013	1/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Goetsch #9-16		
132.00	CEMENT MATERIALS	Class A Common	17.90	2,362.80
88.00	CEMENT MATERIALS	Pozmix	9.35	822.80
8.00	CEMENT MATERIALS	Gel	23.40	187.20
55.00	CEMENT MATERIALS	Flo Seal	2.97	163.35
236.28	CEMENT SERVICE	Cubic Feet Charge	2.48	585.97
394.80	CEMENT SERVICE	Ton Mileage Charge	2.60	1,026.48
1.00	CEMENT SERVICE	Plug to Abandon	2,600.47	2,600.47
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	67.50	67.50
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Adam Flipse		

CODE: 4603

DEC 18 2013

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

\$ 2,324.15

ONLY IF PAID ON OR BEFORE

Jan 1, 2014

Subtotal	8,300.57
Sales Tax	697.25
Total Invoice Amount	8,997.82
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,997.82</b>



# ALLIED OIL & GAS SERVICES, LLC 062166

Federal Tax I.D.# 20-8651475

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

SERVICE POINT  
Oakley KS

DATE <u>12-7-13</u>	SEC. <u>9</u>	TWP. <u>6</u>	RANGE <u>37</u>	CALLED OUT	ON LOCATION <u>5:00a.m.</u>	JOB START <u>6:30p.m.</u>	JOB FINISH <u>7:30p.m.</u>
LEASE <u>Goetsch</u>	WELL # <u>9-16</u>	LOCATION <u>Brewster N to BB w to rd</u>			COUNTY <u>Sherman</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			<u>351 N Winto</u>				

CONTRACTOR <u>H2 rig 4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>5010'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3080'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>1st plug 40.1761 mud 2nd plug 16.57161 mud</u>	

CEMENT		
AMOUNT ORDERED <u>220 sks 60/40</u>		
<u>4 0/0 gel 1/4# Flo-seal</u>		
COMMON	<u>132 sks @ 17.90</u>	<u>2362.80</u>
POZMIX	<u>88 sks @ 9.35</u>	<u>822.80</u>
GEL	<u>8 sks @ 23.40</u>	<u>187.20</u>
CHLORIDE	@	
ASC	@	
<u>Flo-seal</u>	<u>55# @ 2.97</u>	<u>163.35</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>236.284</u>	@ <u>2.48</u>	<u>585.97</u>
MILEAGE <u>9.87 tons &amp; 40mi @ 2.60</u>		<u>1626.48</u>
		TOTAL <u>5148.60</u>

PUMP TRUCK # <u>428</u>	CEMENTER <u>Paul Brewer</u>
	HELPER <u>Tyler Flipse</u>
BULK TRUCK # <u>386</u>	DRIVER <u>Adam Flipse</u>
BULK TRUCK # <u>600</u>	DRIVER <u>Eddie (TWS)</u>

REMARKS:  
min 25 sks @ 3080' Displace w/mud  
mix 100 sks @ 2170' Displace w/mud  
mix 40 sks @ 400'  
mix 10 sks @ 40' w/wooden plug  
mix 30 sks in Ritt.  
mix 15 sks in m.H.  
*Thank You!*  
*Paul & Tyler*

SERVICE		
DEPTH OF JOB	<u>3080'</u>	
PUMP TRUCK CHARGE		<u>2600.47</u>
EXTRA FOOTAGE	@	
MILEAGE <u>MILV 40</u>	@ <u>7.70</u>	<u>308.00</u>
MANIFOLD	@	
<u>MILV 40</u>	@ <u>4.40</u>	<u>176.00</u>
	@	

CHARGE TO: McElvain  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3084.47

PLUG & FLOAT EQUIPMENT		
<u>8 5/8 wooden plug</u>	@	<u>67.50</u>
	@	
	@	
	@	
	@	
		TOTAL <u>67.50</u>

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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 8,300.57  
 DISCOUNT 2,324.15 IF PAID IN 30 DAYS  
5,976.41 Net.

PRINTED NAME Rodney Gonzalez  
 SIGNATURE Rodney Gonzalez



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.

**9-6s-37w Sherman Co KS**

1050 17th STE 2500  
Denver CO 80265

**Goetsch 9-16**

Job Ticket: 54709

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2013.12.03 @ 21:18:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:21:45

Time Test Ended: 07:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

**Interval: 4582.00 ft (KB) To 4630.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4630.00 ft (KB) (TVD)

3421.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8846**

**Inside**

Press@RunDepth: 52.50 psig @ 4583.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.03

End Date:

2013.12.04

Last Calib.: 2013.12.04

Start Time: 21:18:15

End Time:

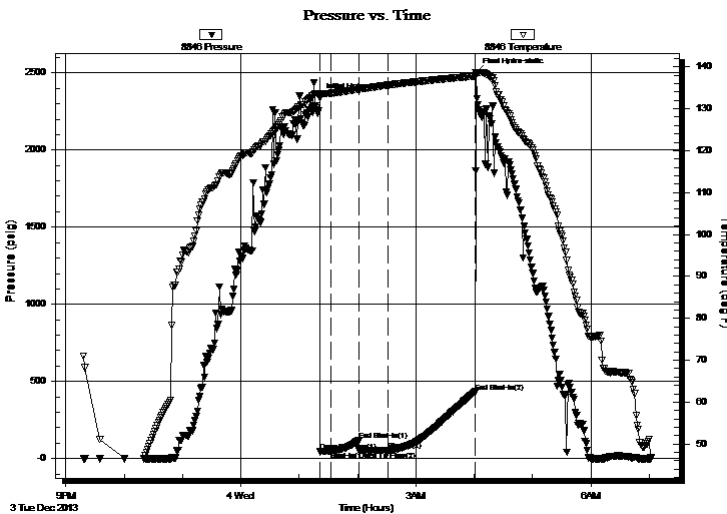
07:01:30

Time On Btm: 2013.12.04 @ 01:21:30

Time Off Btm: 2013.12.04 @ 04:01:45

TEST COMMENT: IF:Weak surface blow died in 4 min.  
IS:No return blow  
FF:No blow  
FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2338.96	133.62	Initial Hydro-static
1	46.12	132.75	Open To Flow (1)
11	48.67	133.68	Shut-In(1)
40	119.79	134.66	End Shut-In(1)
41	49.43	134.65	Open To Flow (2)
70	52.50	135.61	Shut-In(2)
160	433.47	137.78	End Shut-In(2)
161	2503.55	138.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud ( thick mud)	0.05

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy, Inc.

**9-6s-37w Sherman Co KS**

1050 17th STE 2500  
Denver CO 80265

**Goetsch 9-16**

Job Ticket: 54709

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2013.12.03 @ 21:18:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud ( thick mud)	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

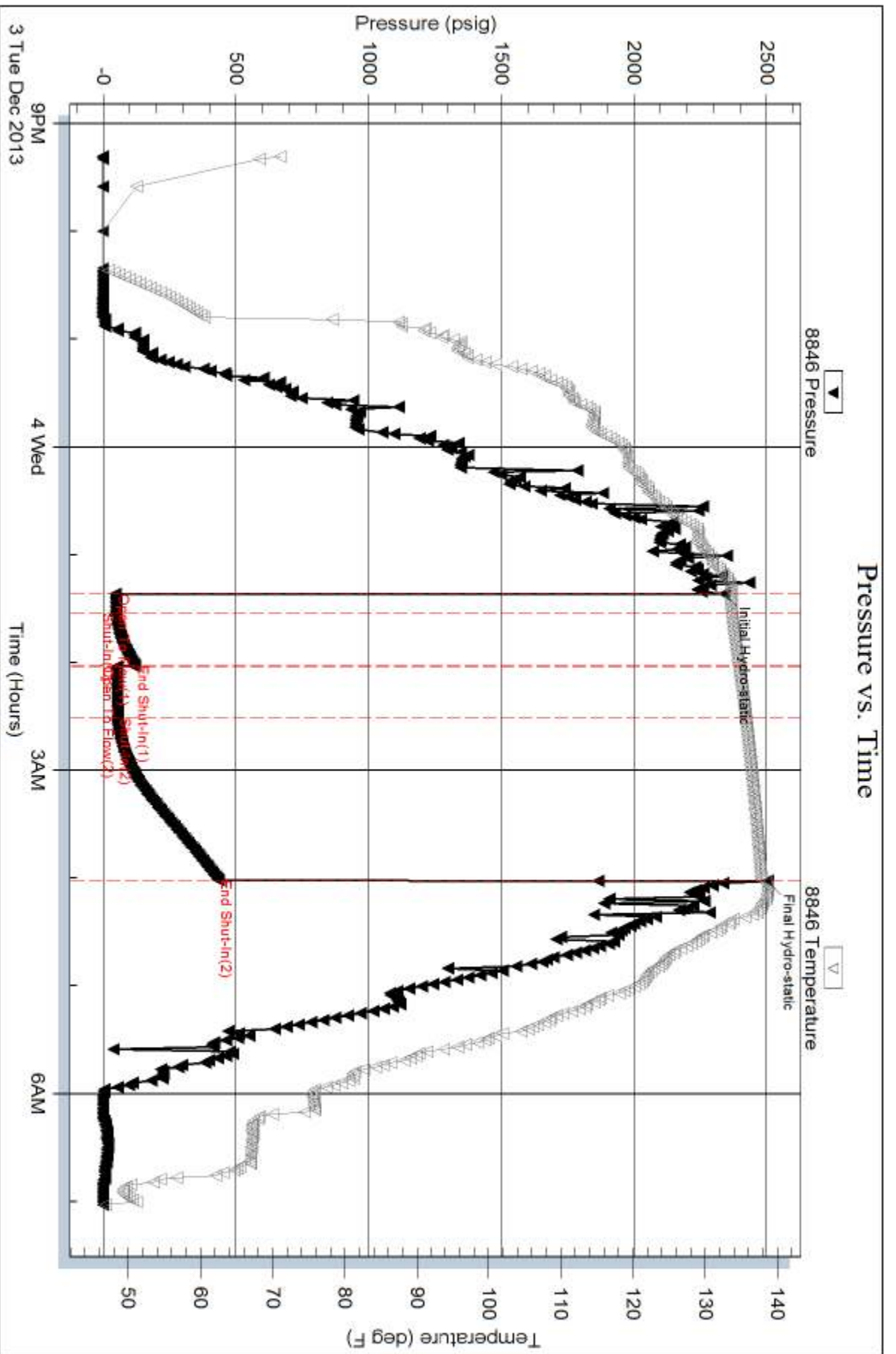
Num Gas Bombs: 0

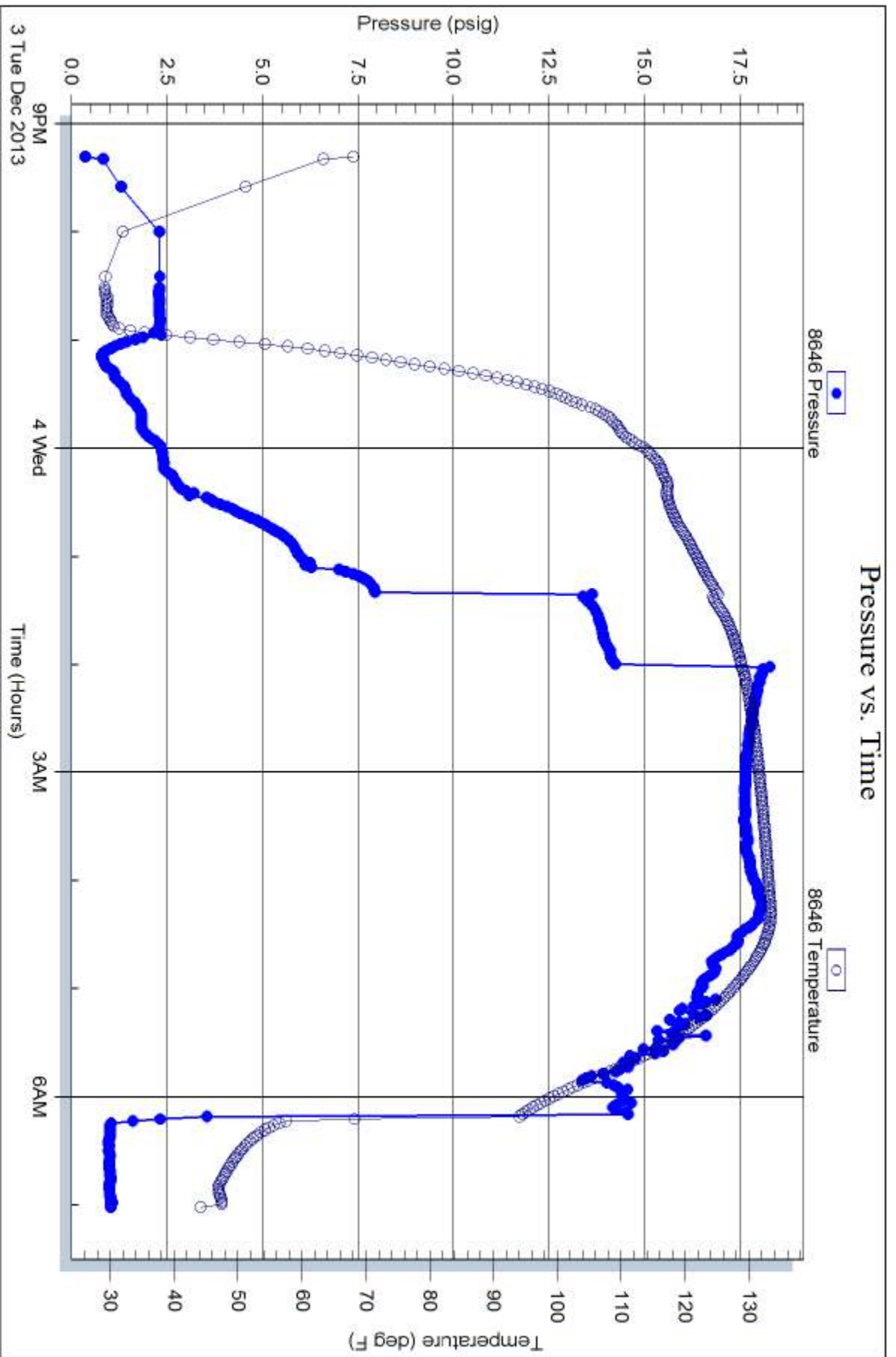
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.

**9-6s-37w Sherman,KS**

1050 17th STE 2500  
Denver CO 80265

**Goetsch 9-16**

Job Ticket: 54545

**DST#: 2**

ATTN: Larry Nicholson

Test Start: 2013.12.05 @ 00:20:00

## GENERAL INFORMATION:

Formation: **Pawnee-Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:10:00

Time Test Ended: 10:42:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III (

Unit No: 65

**Interval: 4643.00 ft (KB) To 4703.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4703.00 ft (KB) (TVD)

3421.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8846**

**Inside**

Press @ Run Depth: 54.05 psig @ 4645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.05

End Date:

2013.12.05

Last Calib.:

2013.12.05

Start Time: 00:20:15

End Time:

10:42:45

Time On Btm:

2013.12.05 @ 04:09:30

Time Off Btm:

2013.12.05 @ 07:25:30

## TEST COMMENT:

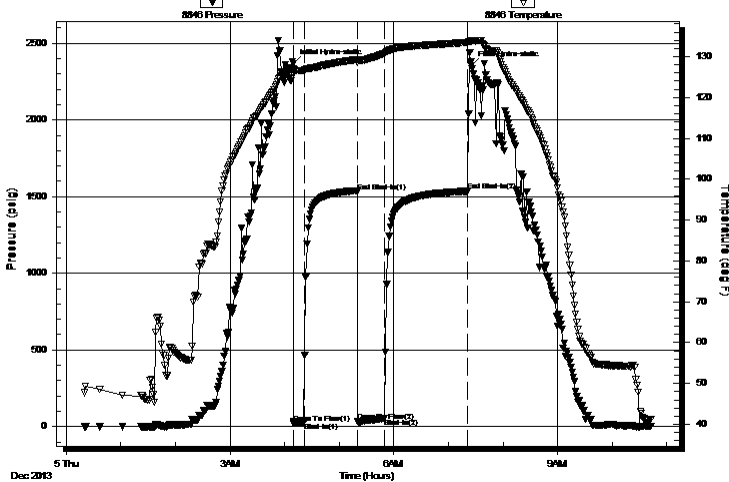
IF: 1 1/2 in. of Blow

IS: Bled off in 1 1/2 min.-surface blow back after 6 min. shut in-died in 5 min.

FF: 1 14 in. of Blow

FS: Bled off in 1 min.-No Blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2366.32	127.08	Initial Hydro-static
1	19.53	126.61	Open To Flow (1)
12	28.46	126.62	Shut-In(1)
71	1533.37	129.29	End Shut-In(1)
71	34.91	128.53	Open To Flow (2)
101	54.05	130.78	Shut-In(2)
192	1535.11	133.47	End Shut-In(2)
196	2353.04	133.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud 100m	0.34

## Gas Rates

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

\* Recovery from multiple tests



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

McElvain Energy, Inc.

9-6s-37w Sherman, KS

1050 17th STE 2500  
Denver CO 80265

Goetsch 9-16

Job Ticket: 54545

DST#: 2

ATTN: Larry Nicholson

Test Start: 2013.12.05 @ 00:20:00

### GENERAL INFORMATION:

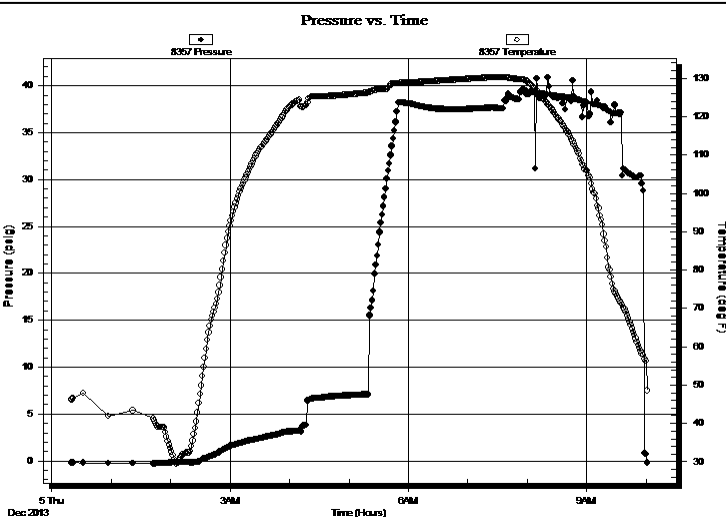
Formation: **Pawnee-Ft. Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 04:10:00 Tester: Cornelio Landa III (  
 Time Test Ended: 10:42:45 Unit No: 65  
 Interval: **4643.00 ft (KB) To 4703.00 ft (KB) (TVD)** Reference Elevations: 3432.00 ft (KB)  
 Total Depth: 4703.00 ft (KB) (TVD) 3421.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

### Serial #: 8357

### Fluid

Press @ Run Depth: psig @ 4609.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.12.05 End Date: 2013.12.05 Last Calib.: 2013.12.05  
 Start Time: 00:20:05 End Time: 10:01:30 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: 1 1/2 in. of Blow  
 IS: Bled off in 1 1/2 min.-surface blow back after 6 min. shut in-died in 5 min.  
 FF: 1 14 in. of Blow  
 FS: Bled off in 1 min.-No Blow back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud 100m	0.34

### 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.

**9-6s-37w Sherman,KS**

1050 17th STE 2500  
Denver CO 80265

**Goetsch 9-16**

Job Ticket: 54545

**DST#: 2**

ATTN: Larry Nicholson

Test Start: 2013.12.05 @ 00:20:00

## 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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud 100m	0.344

Total Length: 70.00 ft      Total Volume: 0.344 bbl

Num Fluid Samples: 0

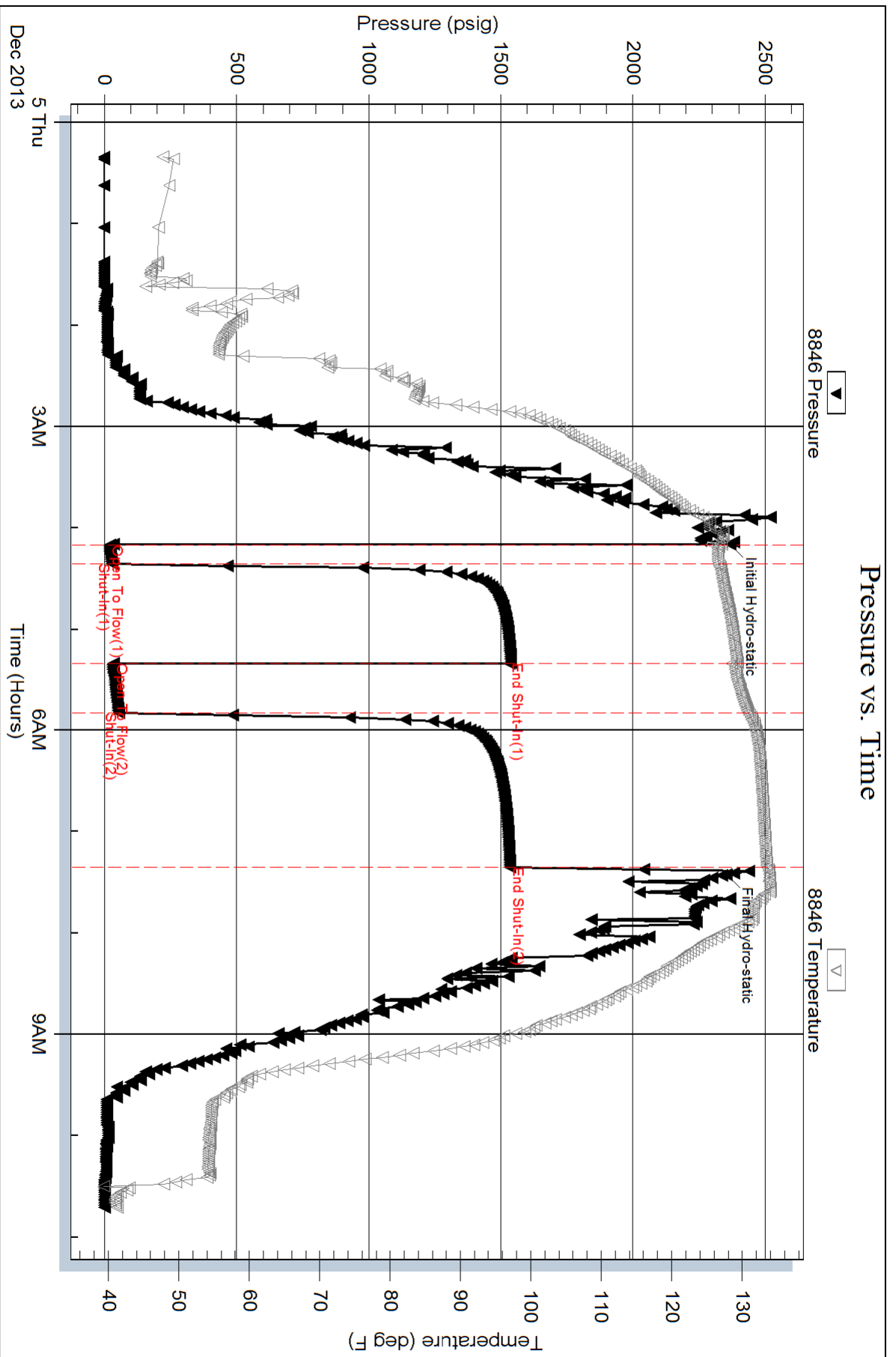
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8357

Fluid

McElvain Energy, Inc.

Goetsch 9-16

DST Test Number: 2

