



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1221371  
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: \_\_\_\_\_

1221371

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
--	---

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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Brassfield 11-9
Doc ID	1221371

Tops

Name	Top	Datum
Stone Corral	1810	510
Base Stone Corral	1856	464
Wellington Salt	2161	159
Base Wellington Salt	2242	78
Chase	2490	-170
Admire	2922	-602
Waubunsee	3164	-844
Topeka	3325	-1005
Heebner	3534	-1214
Toronto	3556	-1236
Lansing	3572	-1252
Lansing 'B'	3600	-1280
Lansing 'H'	3700	-1380
Base LKC	3803	-1483
Marmaton	3831	-1511
Pawnee	3860	-1540
Cherokee	3890	-1570
Arbuckle	3992	-1672
TD	4100	-1780



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.

**11-10S-22W Graham, KS**

1050 17th St. Ste. 2500  
Denver, CO 80265

**Brassfield #11-9**

Job Ticket: 58760

**DST#: 1**

ATTN:

Test Start: 2014.04.19 @ 13:30:24

## GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:50:54

Time Test Ended: 20:39:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 48

**Interval: 3564.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Reference Elevations: 2318.00 ft (KB)

Total Depth: 3600.00 ft (KB) (TVD)

2310.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8372 Inside**

Press@RunDepth: 80.42 psig @ 3565.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.19

End Date:

2014.04.19

Last Calib.:

2014.04.19

Start Time: 13:30:25

End Time:

20:39:54

Time On Btm:

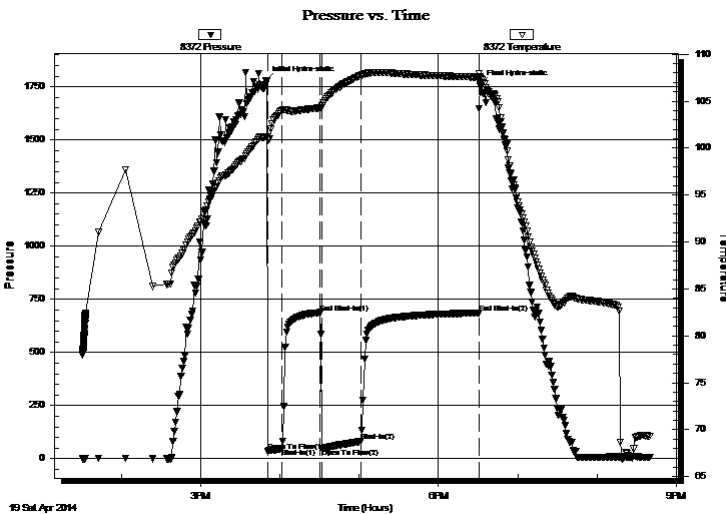
2014.04.19 @ 15:49:24

Time Off Btm:

2014.04.19 @ 18:31:24

**TEST COMMENT:** 10- IF- Built to 9"  
30- IS- No blow  
30- FF- BOB 9mins  
90- FSI- Maintained .5" blow throughout

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.55	101.24	Initial Hydro-static
2	35.46	100.84	Open To Flow (1)
12	46.99	104.02	Shut-In(1)
41	687.86	104.28	End Shut-In(1)
42	48.10	104.31	Open To Flow (2)
72	80.42	107.76	Shut-In(2)
161	686.18	107.57	End Shut-In(2)
162	1760.62	107.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	MW, 10%M 90%W	0.14
40.00	GO, 15%G 85%O	0.55
85.00	SWOCM, 5%W 20%O 75%M	1.16
0.00	300' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

McElvain Energy, Inc.  
1050 17th St. Ste. 2500  
Denver, CO 80265  
ATTN:

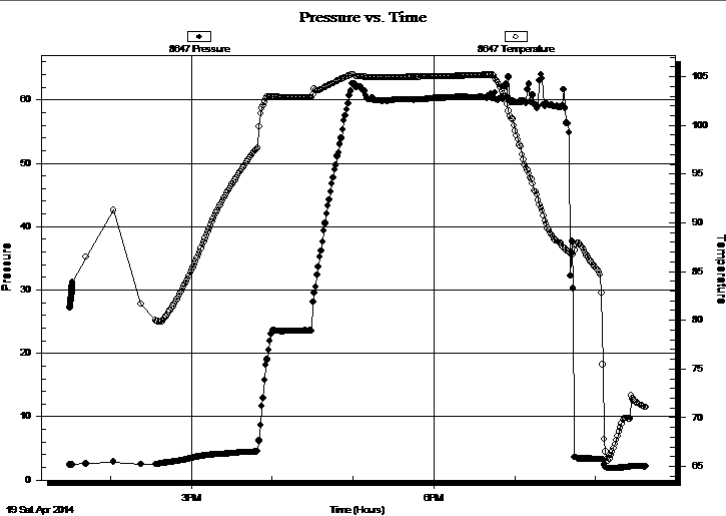
**11-10S-22W Graham, KS**  
**Brassfield #11-9**  
Job Ticket: 58760      **DST#: 1**  
Test Start: 2014.04.19 @ 13:30:24

### GENERAL INFORMATION:

Formation: **LKC "A"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 15:50:54  
Time Test Ended: 20:39:54  
Interval: **3564.00 ft (KB) To 3600.00 ft (KB) (TVD)**  
Total Depth: 3600.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 2318.00 ft (KB)  
2310.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8647**      **Fluid**  
Press@RunDepth:      psig @ 3536.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.04.19      End Date: 2014.04.19      Last Calib.: 2014.04.19  
Start Time: 13:29:58      End Time: 20:37:57      Time On Btm:  
Time Off Btm:

**TEST COMMENT:** 10- IF- Built to 9"  
30- IS- No blow  
30- FF- BOB 9mins  
90- FS- Maintained .5" blow throughout



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	MW, 10%M 90%W	0.14
40.00	GO, 15%G 85%O	0.55
85.00	SWOCM, 5%W 20%O 75%M	1.16
0.00	300' GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy, Inc.

**11-10S-22W Graham, KS**

1050 17th St. Ste. 2500  
Denver, CO 80265

**Brassfield #11-9**

Job Ticket: 58760

**DST#: 1**

ATTN:

Test Start: 2014.04.19 @ 13:30:24

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	MW, 10%M 90%W	0.137
40.00	GO, 15%G 85%O	0.546
85.00	SWOCM, 5%W 20%O 75%M	1.161
0.00	300' GIP	0.000

Total Length: 135.00 ft

Total Volume: 1.844 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler:

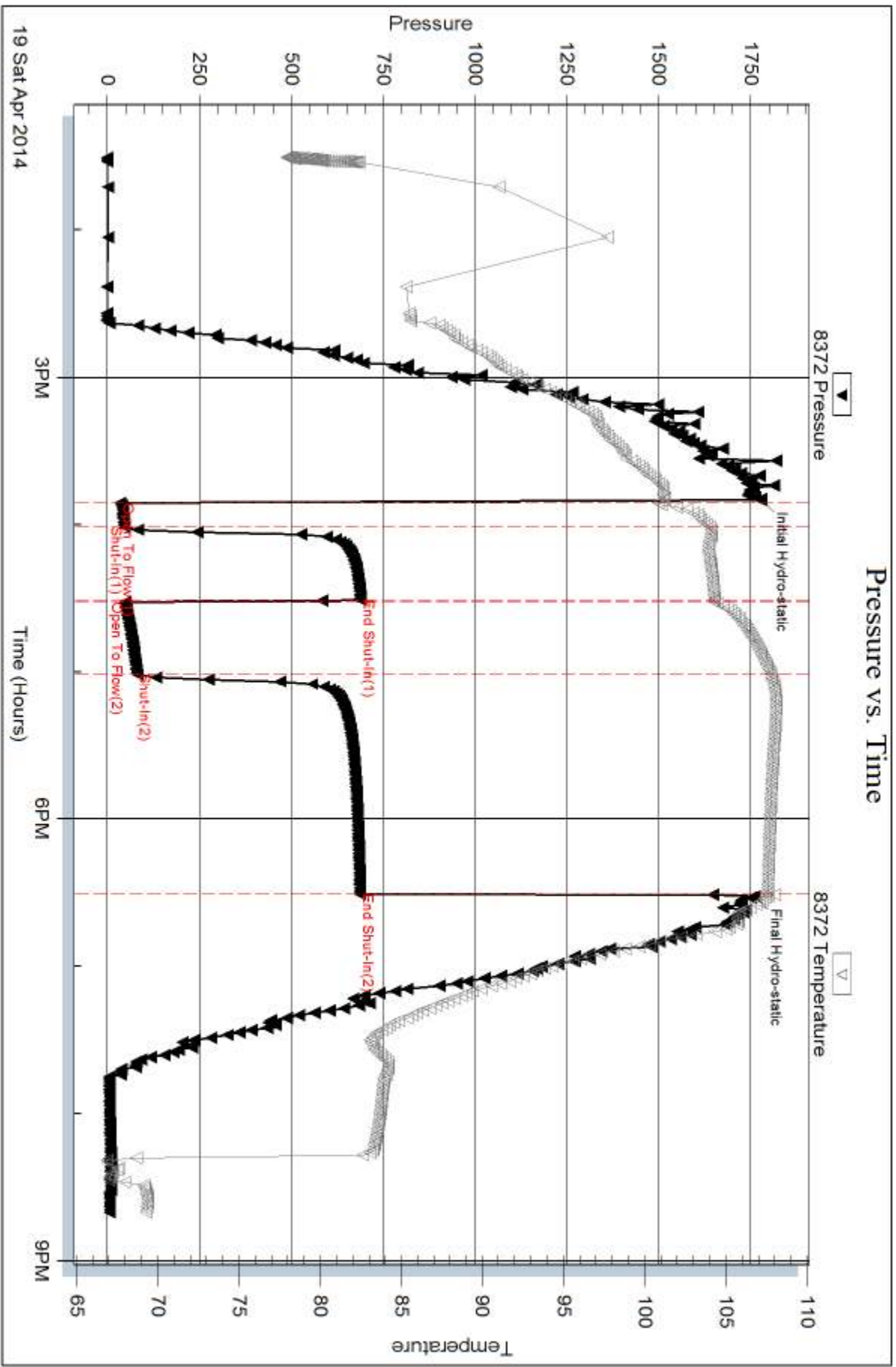
Serial #: 8372

Inside

McEvain Energy, Inc.

Brassfield #11-9

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58760

Printed: 2014.04.21 @ 07:55:54

Serial #: 8647

Fluid

McEvain Energy, Inc.

Brassfield #11-9

DST Test Number: 1



19 Sat Apr 2014

Time (Hours)

3PM

6PM

Trilobite Testing, Inc

Ref. No: 58760

Printed: 2014.04.21 @ 07:55:54





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.  
 1050 17th St. Ste. 2500  
 Denver, CO 80265  
 ATTN:

**11-10S-22W Graham, KS**  
**Brassfield #11-9**  
 Job Ticket: 58761      **DST#: 2**  
 Test Start: 2014.04.20 @ 06:48:32

## GENERAL INFORMATION:

Formation: **LKC "B-F"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:41:32  
 Time Test Ended: 13:15:02  
**Interval: 3598.00 ft (KB) To 3654.00 ft (KB) (TVD)**  
 Total Depth: 3654.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brannan L  
 Unit No: 48  
 Reference Elevations: 2318.00 ft (KB)  
 2310.00 ft (CF)  
 KB to GR/CF: 8.00 ft

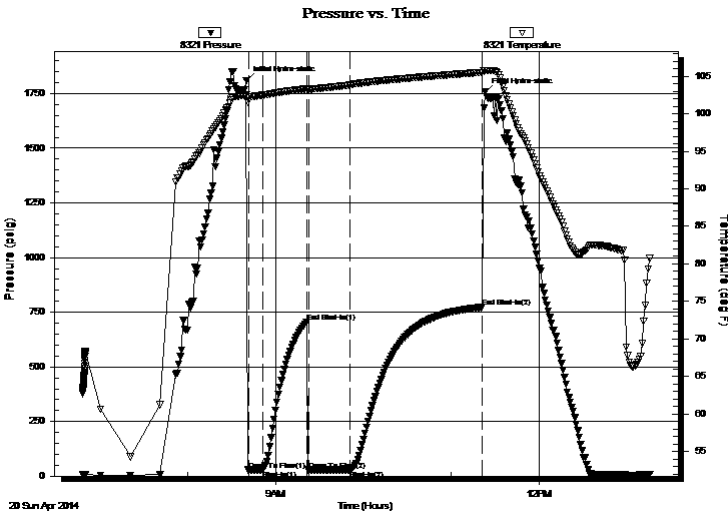
## Serial #: 8321

**Outside**

Press@RunDepth: 28.43 psig @ 3599.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.04.20      End Date: 2014.04.20      Last Calib.: 2014.04.20  
 Start Time: 06:48:33      End Time: 13:15:02      Time On Btm: 2014.04.20 @ 08:40:02  
 Time Off Btm: 2014.04.20 @ 11:23:02

TEST COMMENT: 10- IF- Weak blow built to .25"  
 30- IS- No blow  
 30- FF- No blow  
 90 FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.02	102.51	Initial Hydro-static
2	28.03	102.21	Open To Flow (1)
11	28.77	102.45	Shut-In(1)
41	703.74	103.32	End Shut-In(1)
43	28.47	103.24	Open To Flow (2)
71	28.43	103.84	Shut-In(2)
161	773.11	105.51	End Shut-In(2)
163	1756.48	105.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.07

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McElvain Energy, Inc.

**11-10S-22W Graham, KS**

1050 17th St. Ste. 2500  
Denver, CO 80265

**Brassfield #11-9**

Job Ticket: 58761

**DST#: 2**

ATTN:

Test Start: 2014.04.20 @ 06:48:32

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.068

Total Length: 5.00 ft      Total Volume: 0.068 bbl

Num Fluid Samples: 0

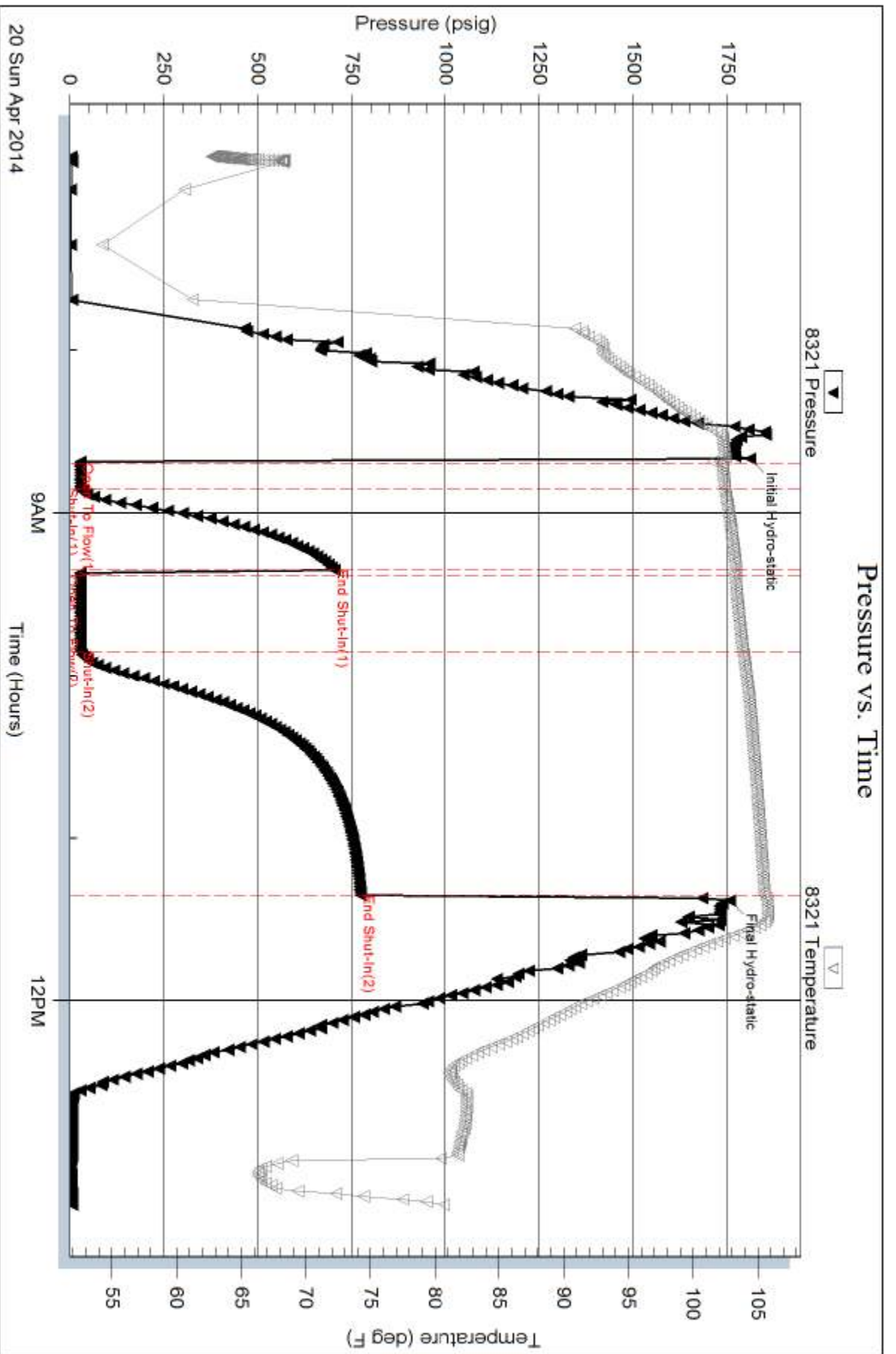
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000mL M@80PSI



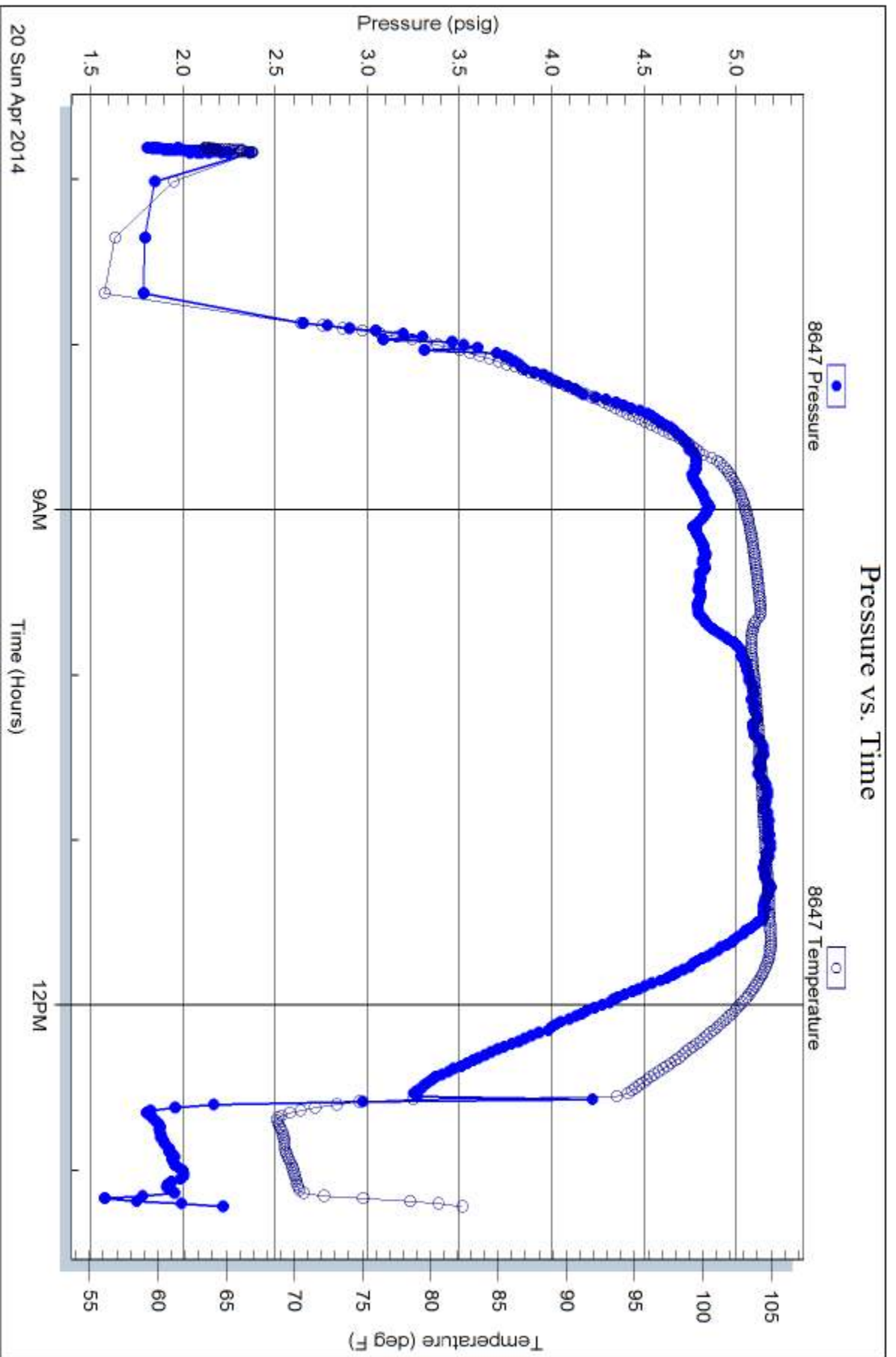
Serial #: 8647

Fluid

McBvain Energy, Inc.

Brassfield #11-9

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58761

Printed: 2014.04.21 @ 07:54:22



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.

**11-10S-22W Graham, KS**

1050 17th St. Ste. 2500  
Denver, CO 80265

**Brassfield #11-9**

Job Ticket: 58762

**DST#: 3**

ATTN: Rodney Gonzales

Test Start: 2014.04.21 @ 01:58:15

## GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:33:15

Time Test Ended: 09:48:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

**Interval: 3693.00 ft (KB) To 3765.00 ft (KB) (TVD)**

Reference Elevations: 2318.00 ft (KB)

Total Depth: 3765.00 ft (KB) (TVD)

2310.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: 88.02 psig @ 3694.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.21

End Date:

2014.04.21

Last Calib.:

2014.04.21

Start Time: 01:58:16

End Time:

09:48:45

Time On Btm:

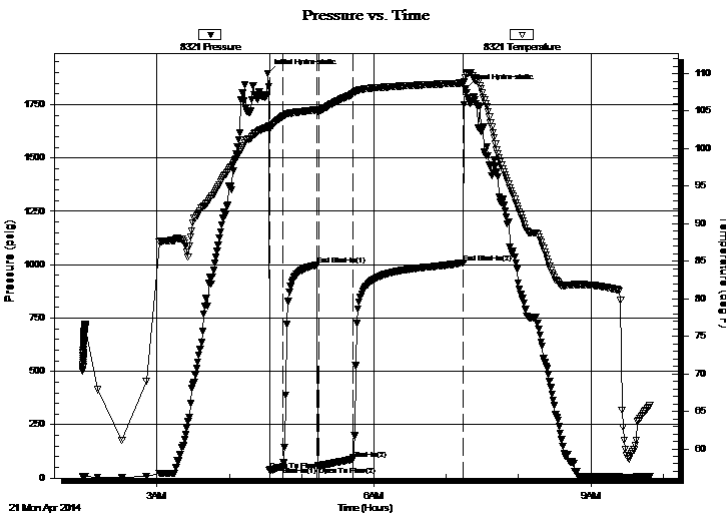
2014.04.21 @ 04:31:45

Time Off Btm:

2014.04.21 @ 07:16:15

**TEST COMMENT:** 10- IF- BOB 8mins  
30- IS- No blow  
30- FF- BOB 6mins  
90- FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.10	102.86	Initial Hydro-static
2	35.97	102.59	Open To Flow (1)
13	54.43	104.25	Shut-In(1)
41	999.83	105.17	End Shut-In(1)
43	53.86	105.02	Open To Flow (2)
71	88.02	107.29	Shut-In(2)
163	1008.98	108.74	End Shut-In(2)
165	1825.96	109.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	CGO, 10%G 90%O	0.68
125.00	HOCM, 45%O 55%M	1.71
450.00	GIP	6.15

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Energy, Inc.  
 1050 17th St. Ste. 2500  
 Denver, CO 80265  
 ATTN: Rodney Gonzales

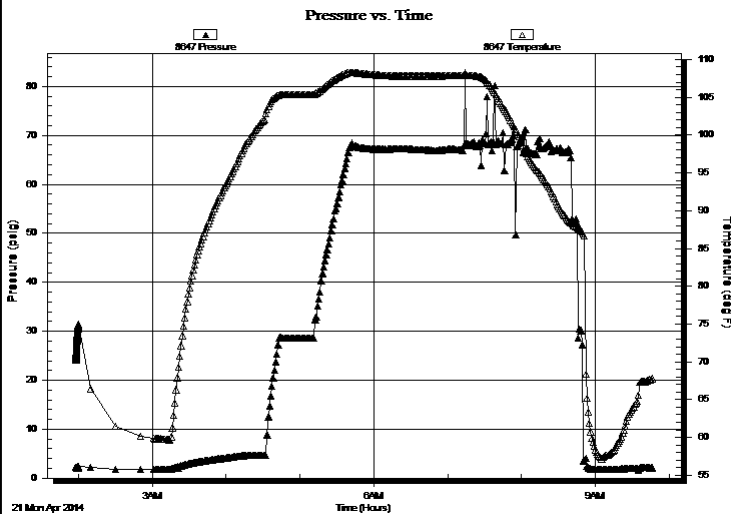
**11-10S-22W Graham, KS**  
**Brassfield #11-9**  
 Job Ticket: 58762 **DST#: 3**  
 Test Start: 2014.04.21 @ 01:58:15

## GENERAL INFORMATION:

Formation: <b>LKC "H-J"</b>			Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)			Tester: Brannan L
Time Tool Opened: 04:33:15			Unit No: 48
Time Test Ended: 09:48:45			
<b>Interval: 3693.00 ft (KB) To 3765.00 ft (KB) (TVD)</b>		Reference Elevations: 2318.00 ft (KB)	
Total Depth: 3765.00 ft (KB) (TVD)		2310.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft	

<b>Serial #: 8647</b>	<b>Fluid</b>		Capacity: 8000.00 psig
Press@RunDepth: psig @ 3665.00 ft (KB)			Last Calib.: 2014.04.21
Start Date: 2014.04.21	End Date: 2014.04.21		Time On Btm:
Start Time: 01:57:50	End Time: 09:46:49		Time Off Btm:

**TEST COMMENT:** 10- IF- BOB 8mins  
 30- IS- No blow  
 30- FF- BOB 6mins  
 90- FS- No blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	CGO, 10%G 90%O	0.68
125.00	HOCM, 45%O 55%M	1.71
450.00	GIP	6.15

## 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.

**11-10S-22W Graham, KS**

1050 17th St. Ste. 2500  
Denver, CO 80265

**Brassfield #11-9**

Job Ticket: 58762

**DST#: 3**

ATTN: Rodney Gonzales

Test Start: 2014.04.21 @ 01:58:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	CGO, 10%G 90%O	0.683
125.00	HOCM, 45%O 55%M	1.708
450.00	GIP	6.147

Total Length: 625.00 ft      Total Volume: 8.538 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

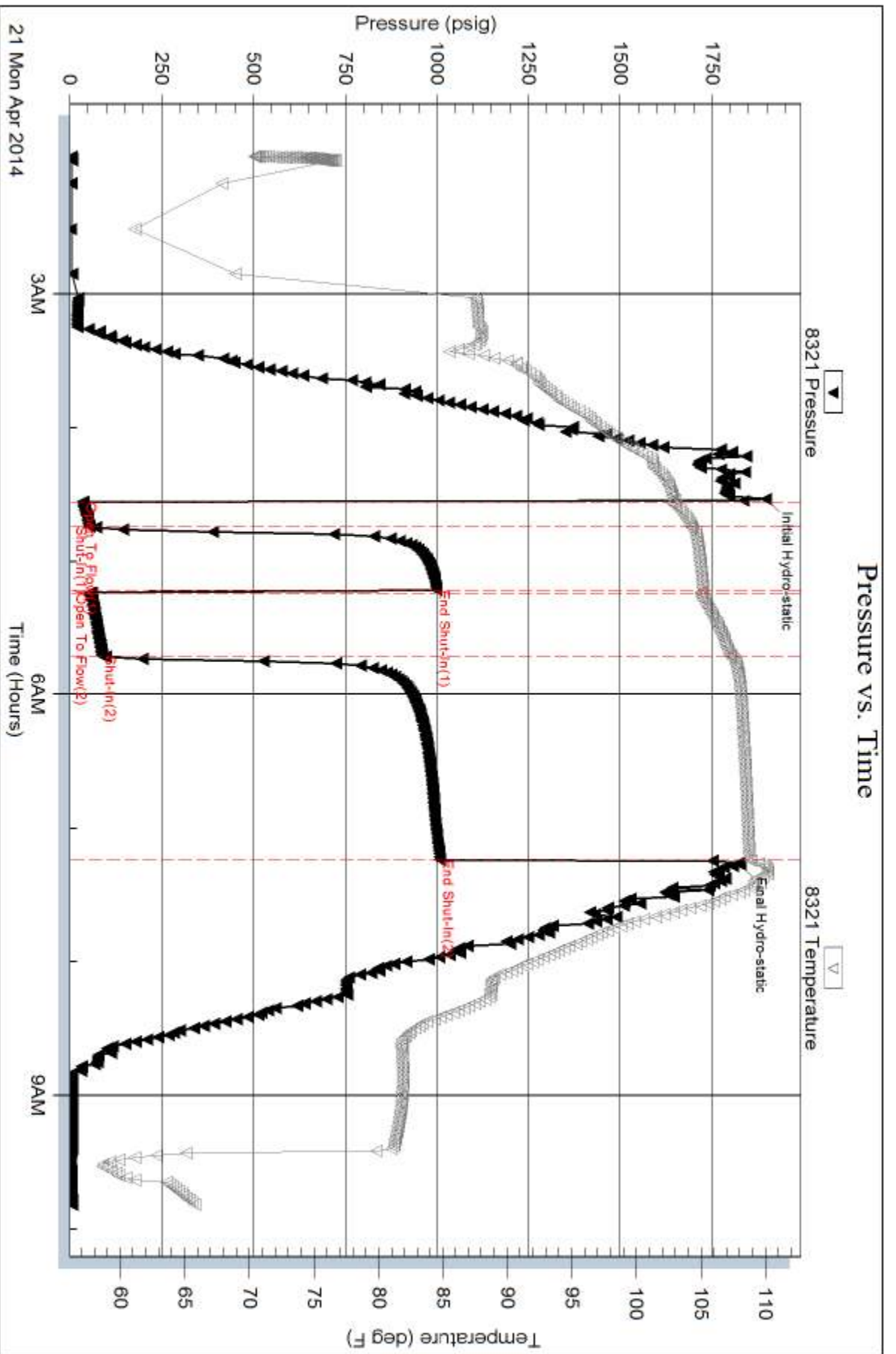
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 200mL G & 1800mL O @ 365PSI





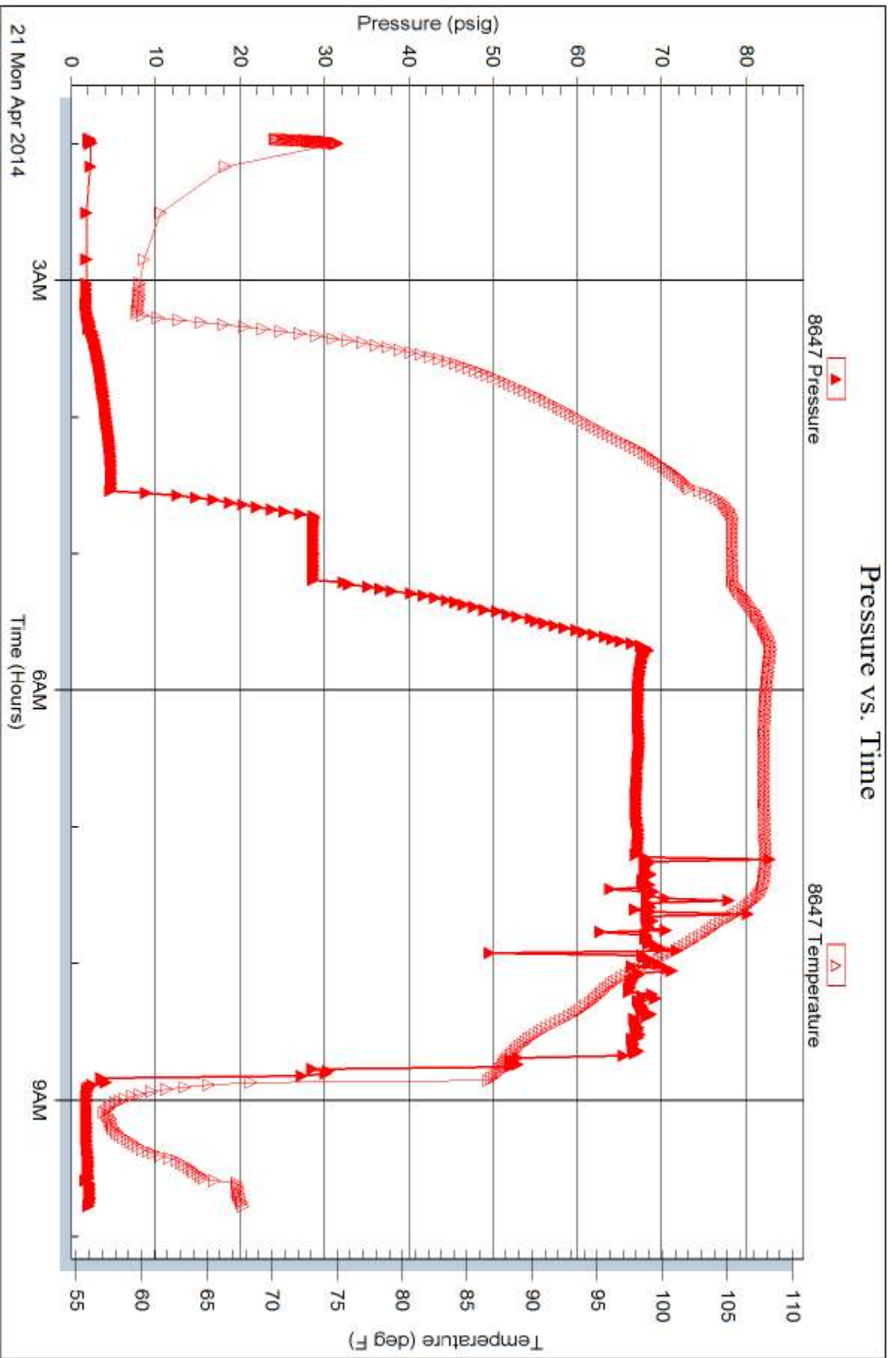
Serial #: 8647

Fluid

McEvain Energy, Inc.

Brassfield #11-9

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 58762

Printed: 2014.04.21 @ 10:44:28



PO Box 93999  
Southlake, TX 76092

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

RECEIVED

APR 28 2014

McElvain Energy, Inc.  
Denver Office

# INVOICE

Invoice Number: 142662

Invoice Date: Apr 15, 2014

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
McElv	61346	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Oakley	Apr 15, 2014	5/15/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Brassfield #11-9		
200.00	CEMENT MATERIALS	Class A Common	17.90	3,580.00
7.00	CEMENT MATERIALS	Chloride	64.00	448.00
50.00	CEMENT MATERIALS	Flo Seal	2.97	148.50
213.33	CEMENT SERVICE	Cubic Feet Charge	2.48	529.06
436.95	CEMENT SERVICE	Ton Mileage Charge	2.60	1,136.07
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

CODE: 9225

APR 28 2014

APPROVED: JRR

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

\$ 2,288.54

ONLY IF PAID ON OR BEFORE  
May 10, 2014

Subtotal	8,173.38
Sales Tax	309.06
Total Invoice Amount	8,482.44
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,482.44</b>

⇒ - \$2,288.54  
\$6,193.90

# ALLIED OIL & GAS SERVICES, LLC 061346

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley KS

DATE <u>4-15-14</u>	SEC. <u>11</u>	TWP. <u>10</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>8:30 am</u>	JOB START <u>10:30 am</u>	JOB FINISH <u>11:00 am</u>
LEASE <u>Brasfield</u>		WELL# <u>11-9</u>	LOCATION <u>Ogallah N to T W to Rd</u>		COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>310 N to Rd E to T 1/2 Sw 10</u>				

CONTRACTOR Vallo OWNER Same

TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D. <u>333</u>	AMOUNT ORDERED <u>200 sks Com</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>328.97</u>	<u>3% CC 1/4# Flo Seal</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>20.0 bbl</u>	
EQUIPMENT	

COMMON <u>200 sks @ 17.90</u>	<u>3580.00</u>
POZMIX	@
GEL	@
CHLORIDE <u>7 sks @ 64.00</u>	<u>448.00</u>
ASC	@
Flo-seal <u>50# @ 2.97</u>	<u>148.50</u>
	@
	@
	@
	@
	@
	@
	@
HANDLING <u>213.33 @ 2.48</u>	<u>529.06</u>
MILEAGE <u>8.71 ton x 95 mi x 2.60</u>	<u>1136.07</u>
<u>(1,635.65 / 28%)</u>	TOTAL <u>5841.63</u>

PUMP TRUCK CEMENTER Bob Beaver

# 120 HELPER Tyler Flise

BULK TRUCK

# 891/310 DRIVER Brandon Wilkinson

BULK TRUCK

# DRIVER

REMARKS:

Mix 200 sks

Displace w/ water

cement did circ.

Shook 10'

Part Tyler & Crew

CHARGE TO: McElvain Energy

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB <u>333'</u>	
PUMP TRUCK CHARGE <u>1512.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>11.44 @ 4.70</u>	<u>346.50</u>
MANIFOLD <u>Swedge @ 4.40</u>	<u>275.00</u>
<u>MLV @ 4.40</u>	<u>198.00</u>
	@
<u>(652.89 / 28%)</u>	TOTAL <u>2331.75</u>

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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.

BID, BUY needed 0% TOTAL \_\_\_\_\_

more cement

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 8,173.38

DISCOUNT 2,288.54 (28%) IF PAID IN 30 DAYS

5,884.83 Net

PRINTED NAME Rodney Gonzales

SIGNATURE Rodney Gonzales

BID SHEET



Date	4/15/14
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27 Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-673-9376

Company			Prepared For:		Well Data			
Company	McElvain Oil & Gas Properties, Inc.	Title:	Jeff Reindl	Operations Engineer	Open Hole	12 1/4	Depth	300
Address	Denver Colorado	Business Phone:	303-893-0933x375				I.D.	12.25
Well Name	Brassfield	E-mail:	jeff.Reindl@McElvain.com				Job Excess	60
Lease	# 11-19	Fax No.:	720-215-9288		Casing Size	8 6/8	Depth	300
Field		Prepared By:	Neal Rupp				O.D.	8.6875
County	Graham	Title:	Sales & Field Operations Manag				I.D.	7.825
State	Kansas	Business Phone:	316-260-3558				Casing Weight	24
Section		E-mail:	neal.rupp@alliedservices.com				Thread	STC
Township		Mobile Phone:	316-250-7057				Grade	J-55
Range		Rig Contractor	Unknown					
API Number		Rig Name						
Proposal Title:	Surface Casing	Rig Phone						

	Units	UOM	Cost per Unit	Total	Unit	
					Net	Net
CJMN - 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
Subtotal				\$ 1,787.25		\$1,286.82
Wooden Plug	1.00	Each	\$110.00	\$ 110.00	\$ 110.00	\$110.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	POR	\$ -	\$ -	\$0.00
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 110.00		\$110.00
CAC=CLASS A COMMON	190.00	per sack	\$17.90	\$ 3,401.00	\$ 12.89	\$2,448.72
CACL - Calcium Chloride	7.00	per sack	\$64.00	\$ 448.00	\$ 46.03	\$322.56
FLSL - Flo Seal	50.00	per pound	\$2.97	\$ 148.50	\$ 2.14	\$106.92
	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				\$ 3,997.50		\$2,878.20
HDLG - Products handling service charge	203.20	per cu. Ft.	\$2.48	\$ 503.94	\$ 1.79	\$362.83
DRYG - Drayage for products	415.60	ton mile	\$2.60	\$ 1,080.56	\$ 1.87	\$778.00
MILV - Light Vehicle Mileage	45.00	per mile	\$4.40	\$ 198.00	\$ 3.17	\$142.56
MIHV - Heavy Vehicle Mileage	45.00	per mile	\$7.70	\$ 346.50	\$ 5.54	\$249.48
Subtotal				\$ 2,129.00		\$1,532.88
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ -		\$0.00
Totals:				\$ 8,023.75		\$5,807.90
DISCOUNT: Operations			28.0%	(500.43)		
DISCOUNT: Equipment Sales			0.0%	0.00		
DISCOUNT: Products			28.0%	(1,119.30)		
DISCOUNT: Transport			28.0%	(596.12)		
DISCOUNT: OTHER			28.0%	0.00		
			Total	(2,215.85)		





PO Box 93999  
Southlake, TX 76092

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

RECEIVED

MAY 05 2014

McElvain Energy, Inc.  
Denver Office

INVOICE

Invoice Number: 142819  
Invoice Date: Apr 23, 2014  
Page: 1

CODE: 5225 *prod. string job*

MAY 05 2014

APPROVED: JRR

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

Customer ID	Field Ticket #	Payment Terms	
McElv	63478	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Oakley	Apr 23, 2014	5/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Brassfield #11-9		
145.00	CEMENT MATERIALS	ASC	20.90	3,030.50
345.00	CEMENT MATERIALS	AMD	25.90	8,935.50
100.00	CEMENT MATERIALS	Flo Seal	2.97	297.00
725.00	CEMENT MATERIALS	Gilsonite	0.98	710.50
41.00	CEMENT MATERIALS	FL-160	18.90	774.90
21.00	CEMENT MATERIALS	Powdered Defoamer	9.80	205.80
12.00	CEMENT MATERIALS	WFR-II	58.70	704.40
589.57	CEMENT SERVICE	Cubic Feet Charge	2.48	1,462.13
1,170.90	CEMENT SERVICE	Ton Mileage Charge	2.60	3,044.34
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Flex Plug Assembly	660.00	660.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
7.00	EQUIPMENT SALES	5-1/2 Turbolizer	95.00	665.00
3.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	171.00
3.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,185.00

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

\$ 9,440.91

ONLY IF PAID ON OR BEFORE May 18, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>



PO Box 93999  
 Southlake, TX 76092

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

# INVOICE

Invoice Number: 142819  
 Invoice Date: Apr 23, 2014  
 Page: 2

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

Customer ID	Field Ticket #	Payment Terms	
McElv	63478	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Oakley	Apr 23, 2014	5/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

Subtotal	33,717.57
Sales Tax	1,718.25
Total Invoice Amount	35,435.82
Payment/Credit Applied	
<b>TOTAL</b>	<b>35,435.82</b>

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

\$ 9,440.91

ONLY IF PAID ON OR BEFORE  
 May 18, 2014

- 9,440.91  
 => 25,994.91

# ALLIED OIL & GAS SERVICES, LLC 063478

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oakley KS

DATE <u>4-23-14</u>	SEC. <u>11</u>	TWP. <u>10</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>Bottom 1:00pm</u>	JOB START <u>11:30am</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Byssfeld</u> WELL # <u>11-9</u>				LOCATION <u>Ogallan N to T W to L 310</u>	COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>N to L F, F to T 1/2 S W into</u>			

CONTRACTOR Val Co OWNER Same

TYPE OF JOB Production (2 stage)

HOLE SIZE 7 7/8 T.D. 4081'

CASING SIZE 5 1/2 DEPTH 4091.60

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DV TOOL DEPTH 1901'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 21.11

CEMENT LEFT IN CSG. 21.11'

PERFS.

CEMENT AMOUNT ORDERED Bottom stage 100 sks AMD, 145 sks ASC, Top stage 245 sks AMD, 500 gal WFR-IT

DISPLACEMENT Bottom 50 bbl water 46.88 med Top 45.24 water

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver

# 120 HELPER Flyer Flipse

BULK TRUCK DRIVER Brandon Wilkinson

# 891/340

BULK TRUCK DRIVER Ramero (Tws)

# 600

COMMON	_____	_____
POZMIX	_____	_____
GEL	_____	_____
CHLORIDE	_____	_____
ASC	<u>145 sks @ 20.90</u>	<u>3030.50</u>
AMD	<u>345 sks @ 25.90</u>	<u>8935.50</u>
Flu-seal	<u>100 # @ 2.97</u>	<u>297.00</u>
gilsonite	<u>725 # @ .98</u>	<u>710.50</u>
FL-116D	<u>41 # @ 18.90</u>	<u>774.90</u>
Powdered Deformer	<u>21 # @ 9.80</u>	<u>205.80</u>
WFR-IT	<u>12 bbl @ 58.90</u>	<u>706.80</u>
Material Total	_____	<u>14,658.00</u>
Service	_____	<u>(4109.40/28%)</u>
HANDLING	<u>589.57 ft<sup>3</sup> @ 2.48</u>	<u>1462.13</u>
MILEAGE	<u>26.02 hrs @ 45 mi @ 2.60</u>	<u>3044.34</u>

**REMARKS:**

Bottom stage - Break air / Drop ball 15# @ circ 1 hr, mix 12 bbl WFR-IT mix 100 sks AMD Tail w/ 145 sks ASC, washup into pit, release plug. Displace w/ 50 bbl water 46.88 bbl mixed plug did land @ 1450' w/ 750 # 1 ft, 200 gal tool @ 900'

Top stage mix 300 sks in R.H. mix 15 sks in M.H. mix 200 sks AMD, washup into pit release plug Displace w/ 145 bbl water plug did land @ 1460' 1 ft 500 # Cement did circulate (50 bbl to pit) Thank you.

**SERVICE**

DEPTH OF JOB	<u>Bottom 4091'</u>	<u>Top 1901'</u>
PUMP TRUCK CHARGE	<u>2765.75</u>	<u>2406.25</u>
EXTRA FOOTAGE	_____	_____
MILEAGE MILV	<u>45 @ 7.70</u>	<u>346.50</u>
MANIFOLD Head	_____	<u>275.00</u>
MILV	<u>45 @ 4.40</u>	<u>198.00</u>

CHARGE TO: McElvain Energy

STREET \_\_\_\_\_

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

(2939.43/28%)  
TOTAL 12,497.97

**PLUG & FLOAT EQUIPMENT**

<u>Weatherford 5 1/2</u>	_____	_____
AFB Float shoe	_____	<u>545.00</u>
Latchman Plug plug Assy	_____	<u>660.00</u>
DV TOOL	_____	<u>5,335.00</u>
Turbolizers	<u>7 @ 95.00</u>	<u>665.00</u>
Centralizers	<u>3 @ 57.00</u>	<u>171.00</u>
Baskets	<u>3 @ 595.00</u>	<u>1785.00</u>
BID NOT CORRECT	_____	<u>8950.00</u>
TOTAL	_____	<u>8,561.00</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.

PRINTED NAME Rodney Gomez

SIGNATURE Rodney Gomez

SALES TAX (if Any) 33,717.57

TOTAL CHARGES 33,717.57

DISCOUNT 9,440.91 IF PAID IN 30 DAYS

24,276.65 Net.



BID SHEET



Hide/Unhide Rows

Date	April 10, 2014
Ticket Number	
Service Point:	Oakley, KS
Address	P.O. Box 27 Oakley, KS 67748
Business Phone	785-672-3452

Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.co
Mobile Phone	785-673-9376

Company		Prepared For:	Jeff Reindl	Well Data	
Address	McElvain Energy	Business Phone:	303-893-0933x375	Open Hole	7 7/8
Address	Denver, Colorado 80265	Email:	jeff.reindl@mcelvain.com	Depth	4,100
Well Name	Brassfield	Mobile Phone:		String	4 Port Collar/Stage
Well Number	# 11-19	Prepared By:	Neal Rupp	Casing Size	5 1/2
Field	Sec: 11 - T10S - R22W	Email	neal.rupp@alliedservices.com	ID	4.950
County	Graham	Mobile Phone:	316-250-7057	Weight	15.5
State	Kansas	Business Phone:	316-260-3368	Grade	J-55
City		Rig Contractor		Top (md)	
API Number		Rig Name/No.		Btm (md)	4,100
Specific Job Type	04 Port Collar/Stage	Rig Phone:		Thread	1,900
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	45		
		Proposal Date	4/10/2014		

	Units	UOM	Cost per Unit	Total	Unit Net	Net	Cost per Unit	Cost Total	\$ GP	% GP
<b>OPERATIONS</b>										
Casing Pump Charge 4001' to 5000'	1.00	for 6 hours	\$2,765.75	\$ 2,765.75	\$ 1,991.34	\$1,991.34				
Stage Job - Additional Stages	1.00	min. 4 hr	\$2,406.25	\$ 2,406.25	\$ 1,732.50	\$1,732.50				
Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 198.00	\$198.00				
Subtotal				\$ 5,447.00		\$3,921.84				
<b>EQUIPMENT SALES</b>										
5 1/2 AFU Float Shoe	1.00	each	\$545.00	\$ 545.00	\$ 392.40	\$392.40	\$57.19	\$57.19	\$335.21	85.4%
5 1/2 Latch Down Plug	1.00	IR each	\$325.00	\$ 325.00	\$ 234.00	\$234.00	\$50.63	\$50.63	\$183.37	78.4%
5 1/2 Stage Collar Standard	1.00	each	\$5,335.00	\$ 5,335.00	\$ 3,841.20	\$3,841.20	\$3,447.31	\$3,447.31	\$393.89	10.3%
5 1/2 Thread Lock	1.00	each	\$85.00	\$ 85.00	\$ 61.20	\$61.20	\$35.91	\$35.91	\$25.29	41.3%
5 1/2 Cement Basket	2.00	each	\$395.00	\$ 790.00	\$ 284.40	\$568.80	\$170.00	\$340.00	\$228.80	40.2%
5 1/2 Turbolizer	7.00	each	\$94.00	\$ 658.00	\$ 67.68	\$473.76	\$0.00	\$0.00	\$473.76	100.0%
Subtotal				\$ 7,738.00		\$5,571.36		\$3,931.04	\$1,640.32	29.44%
<b>PRODUCTS</b>										
Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 42.26	\$507.17	\$46.06	\$552.72	-\$45.55	-9.0%
ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A	110.00	per sack	\$16.50	\$ 1,815.00	\$ 11.88	\$1,306.80	\$0.00	\$0.00	\$1,306.80	100.0%
Flo Seal	28.00	per pound	\$2.97	\$ 83.16	\$ 2.14	\$59.88	\$1.08	\$30.24	\$29.64	49.5%
ALLIED SPECIAL BLEND CEMENT - CLASS A	175.00	per sack	\$20.90	\$ 3,657.50	\$ 15.05	\$2,633.40	\$0.00	\$0.00	\$2,633.40	100.0%
Kol Seal	875.00	per pound	\$0.98	\$ 857.50	\$ 0.71	\$617.40	\$0.22	\$192.50	\$424.90	68.8%
Fluid Loss - FL-160	50.00	per pound	\$18.90	\$ 945.00	\$ 13.61	\$680.40	\$3.61	\$180.50	\$499.90	73.5%
Powdered Defoamer	25.00	per pound	\$9.80	\$ 245.00	\$ 7.05	\$176.40	\$0.87	\$21.75	\$154.65	87.7%
ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A	230.00	per sack	\$16.50	\$ 3,795.00	\$ 11.88	\$2,732.40	\$0.00	\$0.00	\$2,732.40	100.0%
Flo Seal	58.00	per pound	\$2.97	\$ 172.26	\$ 2.14	\$124.03	\$1.08	\$62.64	\$61.30	40.6%
ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A	45.00	per sack	\$16.50	\$ 742.50	\$ 11.88	\$534.60	\$0.00	\$0.00	\$534.60	100.0%
Flo Seal	12.00	per pound	\$2.97	\$ 35.64	\$ 2.14	\$25.66	\$1.08	\$12.96	\$12.70	49.5%
Subtotal				\$ 13,052.96		\$9,398.13		\$1,053.31	\$8,344.82	88.79%
<b>TRANSPORT</b>										
Products handling service charge	655.34	per cu. Ft.	\$2.48	\$ 1,625.24	\$ 1.79	\$1,170.17				
Drayage for Products	1243.88	ton-mile	\$2.60	\$ 3,234.09	\$ 1.87	\$2,328.54				
Light Vehicle Mileage	45.00	per mile	\$4.40	\$ 198.00	\$ 3.17	\$142.56				
Heavy Vehicle Mileage	45.00	per mile	\$7.70	\$ 346.50	\$ 5.54	\$249.48				
Subtotal				\$ 5,403.83		\$3,890.76				
				\$ 31,641.79		\$22,782.09				
Totals:										
DISCOUNT: Operations			28.0%	(1,525.16)						
DISCOUNT: Equipment Sales			28.0%	(2,166.64)						
DISCOUNT: Products			28.0%	(3,654.83)						
DISCOUNT: Transport			28.0%	(1,513.07)						
DISCOUNT: ADDITIONAL ITEMS			28.0%	0.00						
			Total	(8,859.70)						

	Gross	Discount	Final	Costs:	\$ GP	% GP	
Services Total	\$10,850.83	\$3,038.23	\$7,812.60	Services	\$3,515.67	\$4,296.93	55.00%
Materials Total	\$20,790.96	\$5,821.47	\$14,969.49	Materials	\$4,984.35	\$9,985.14	66.70%
Final Total	\$31,641.79	\$8,859.70	\$22,782.09	Total	\$8,500.02	\$14,282.07	62.89%

<b>ADDITIONAL ITEMS</b>										
Additional hours, in excess of set hours	1.00	per hour	\$440.00	\$ 440.00	\$ 316.80	\$316.80				