



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1180207  
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: \_\_\_\_\_

1180207

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Eagle Creek Corporation
Well Name	Simons Farms 1-12
Doc ID	1180207

All Electric Logs Run

DUAL INDUCTION
NEUTRON/DENSITY
MICROLOG
SONIC





## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226

ATTN: Bob O'Dell

### **Simons Farms #1-12**

### **12-17s-35w Wichita,KS**

Start Date: 2013.10.21 @ 23:27:06

End Date: 2013.10.22 @ 07:15:06

Job Ticket #: 52364                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.29 @ 11:03:59



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52364

**DST#: 1**

Test Start: 2013.10.21 @ 23:27:06

## GENERAL INFORMATION:

Formation: **LKC H - I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:07:51

Time Test Ended: 07:15:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 4247.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Reference Elevations: 3176.00 ft (KB)

Total Depth: 4310.00 ft (KB) (TVD)

3169.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 8352 Inside**

Press @ Run Depth: 29.57 psig @ 4248.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.21

End Date:

2013.10.22

Last Calib.: 2013.10.22

Start Time: 23:27:11

End Time:

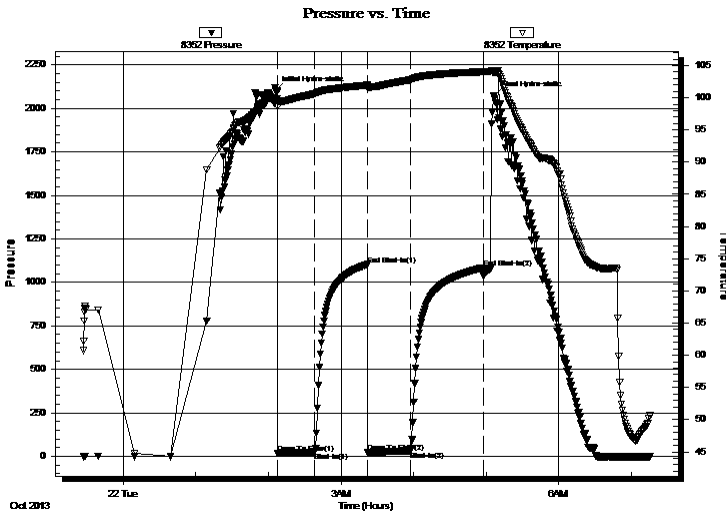
07:15:05

Time On Btm: 2013.10.22 @ 02:06:06

Time Off Btm: 2013.10.22 @ 05:06:21

**TEST COMMENT:** IF: Weak blow . 1/4 - 1/2".  
IS: No blow .  
FF: Weak blow . (surface) Dead in 30 mins.  
FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.08	99.90	Initial Hydro-static
2	19.13	98.62	Open To Flow (1)
32	24.20	100.60	Shut-In(1)
76	1102.66	101.95	End Shut-In(1)
76	24.99	101.59	Open To Flow (2)
111	29.57	102.78	Shut-In(2)
172	1083.61	104.04	End Shut-In(2)
181	2070.73	103.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	WM w/oil specs 12%w 88%m	0.42

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52364

**DST#: 1**

Test Start: 2013.10.21 @ 23:27:06

## Tool Information

Drill Pipe:	Length: 4252.00 ft	Diameter: 3.80 inches	Volume: 59.64 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 59.64 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4247.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			4220.00	
Shut in tool	5.00			4225.00	
HMV	5.00			4230.00	
Jars	5.00			4235.00	
Safety Joint	3.00			4238.00	
Packer	4.00			4242.00	28.00 Bottom Of Top Packer
Packer	5.00			4247.00	
Stubb	1.00			4248.00	
Recorder	0.00	8352	Inside	4248.00	
Recorder	0.00	8370	Outside	4248.00	
Perforations	5.00			4253.00	
Blank Spacing	31.00			4284.00	
Perforations	21.00			4305.00	
Bullnose	5.00			4310.00	63.00 Bottom Packers & Anchor

**Total Tool Length: 91.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corp.  
8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**12-17s-35w Wichita,KS**

**Simons Farms #1-12**

Job Ticket: 52364

**DST#: 1**

Test Start: 2013.10.21 @ 23:27:06

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 57.00 sec/qt  
Water Loss: 7.18 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 8000.00 ppm  
Filter Cake: 0.20 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: 13700 ppm

## Recovery Information

Recovery Table

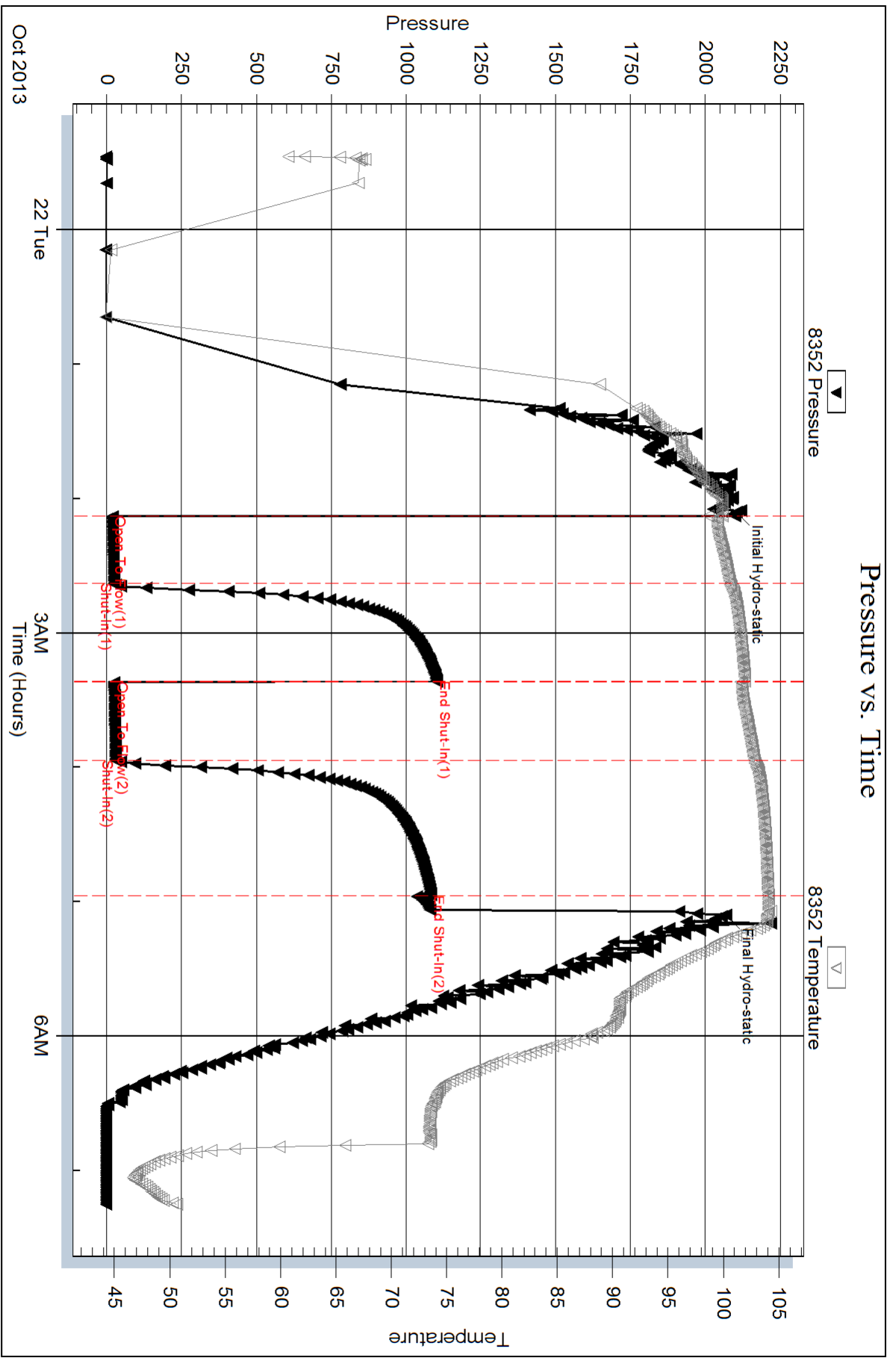
Length ft	Description	Volume bbl
30.00	WM w/oil specs 12%w 88%m	0.421

Total Length: 30.00 ft      Total Volume: 0.421 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none

Laboratory Name:      Laboratory Location:

Recovery Comments: Rw .56 ohms @ 62deg

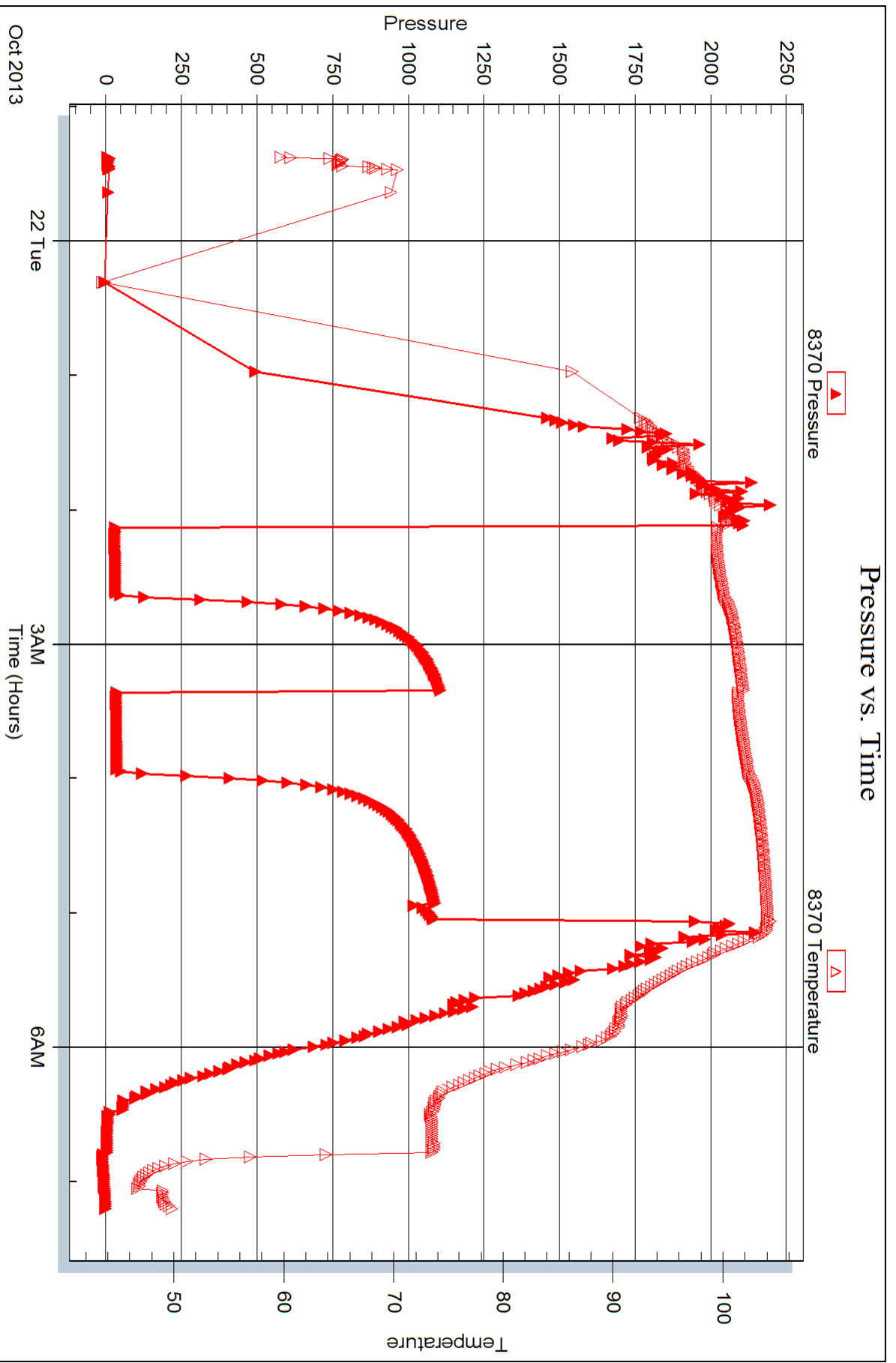


Serial #: 8370

Outside Eagle Creek Corp.

Simons Farms #1-12

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226

ATTN: Bob O'Dell

### **Simons Farms #1-12**

### **12-17s-35w Wichita,KS**

Start Date: 2013.10.22 @ 14:59:59

End Date: 2013.10.22 @ 23:37:29

Job Ticket #: 52365                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.29 @ 11:03:31



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corp.  
8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**12-17s-35w Wichita,KS**

**Simons Farms #1-12**

Job Ticket: 52365 **DST#: 2**

Test Start: 2013.10.22 @ 14:59:59

## GENERAL INFORMATION:

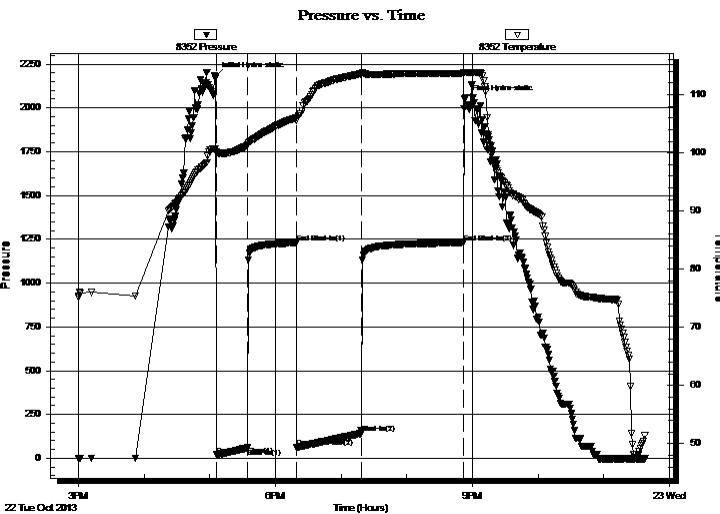
Formation: **LKC J**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 17:05:59  
 Tester: Gary Pevoteaux  
 Time Test Ended: 23:37:29  
 Unit No: 56  
 Interval: **4318.00 ft (KB) To 4330.00 ft (KB) (TVD)**  
 Reference Elevations: 3176.00 ft (KB)  
 Total Depth: 4330.00 ft (KB) (TVD)  
 3169.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Poor  
 KB to GR/CF: 7.00 ft

## Serial #: 8352

Inside

Press @ Run Depth: 141.84 psig @ 4319.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.22 End Date: 2013.10.22 Last Calib.: 2013.10.22  
 Start Time: 15:00:04 End Time: 23:37:29 Time On Btm: 2013.10.22 @ 17:04:44  
 Time Off Btm: 2013.10.22 @ 20:52:59

TEST COMMENT: IF:Weak to fair blow . Increase to 5".  
 IS:No blow .  
 FF:Weak to fair blow . Increase to 7".  
 FS:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.40	100.72	Initial Hydro-static
2	19.54	99.95	Open To Flow (1)
30	60.10	101.31	Shut-In(1)
75	1229.88	106.06	End Shut-In(1)
75	61.74	105.53	Open To Flow (2)
134	141.84	113.55	Shut-In(2)
227	1229.94	113.68	End Shut-In(2)
229	2049.59	113.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean oil (heavy)	0.01
90.00	MW/w a few o specs 17% m 83% w	1.26
185.00	SW	2.60

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52365

**DST#: 2**

Test Start: 2013.10.22 @ 14:59:59

## Tool Information

Drill Pipe:	Length: 4314.00 ft	Diameter: 3.80 inches	Volume: 60.51 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 60.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4318.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

C.O. Sub	1.00			4291.00	
Shut in tool	5.00			4296.00	
HMV	5.00			4301.00	
Jars	5.00			4306.00	
Safety Joint	3.00			4309.00	
Packer	4.00			4313.00	28.00 Bottom Of Top Packer
Packer	5.00			4318.00	
Stubb	1.00			4319.00	
Recorder	0.00	8352	Inside	4319.00	
Recorder	0.00	8370	Outside	4319.00	
Perforations	6.00			4325.00	
Bullnose	5.00			4330.00	12.00 Bottom Packers & Anchor

**Total Tool Length: 40.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52365

**DST#: 2**

Test Start: 2013.10.22 @ 14:59:59

## 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:

74000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1.00	Clean oil (heavy)	0.014
90.00	MW/w a few o specs 17%m 83%w	1.262
185.00	SW	2.595

Total Length: 276.00 ft      Total Volume: 3.871 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .14ohms @54deg



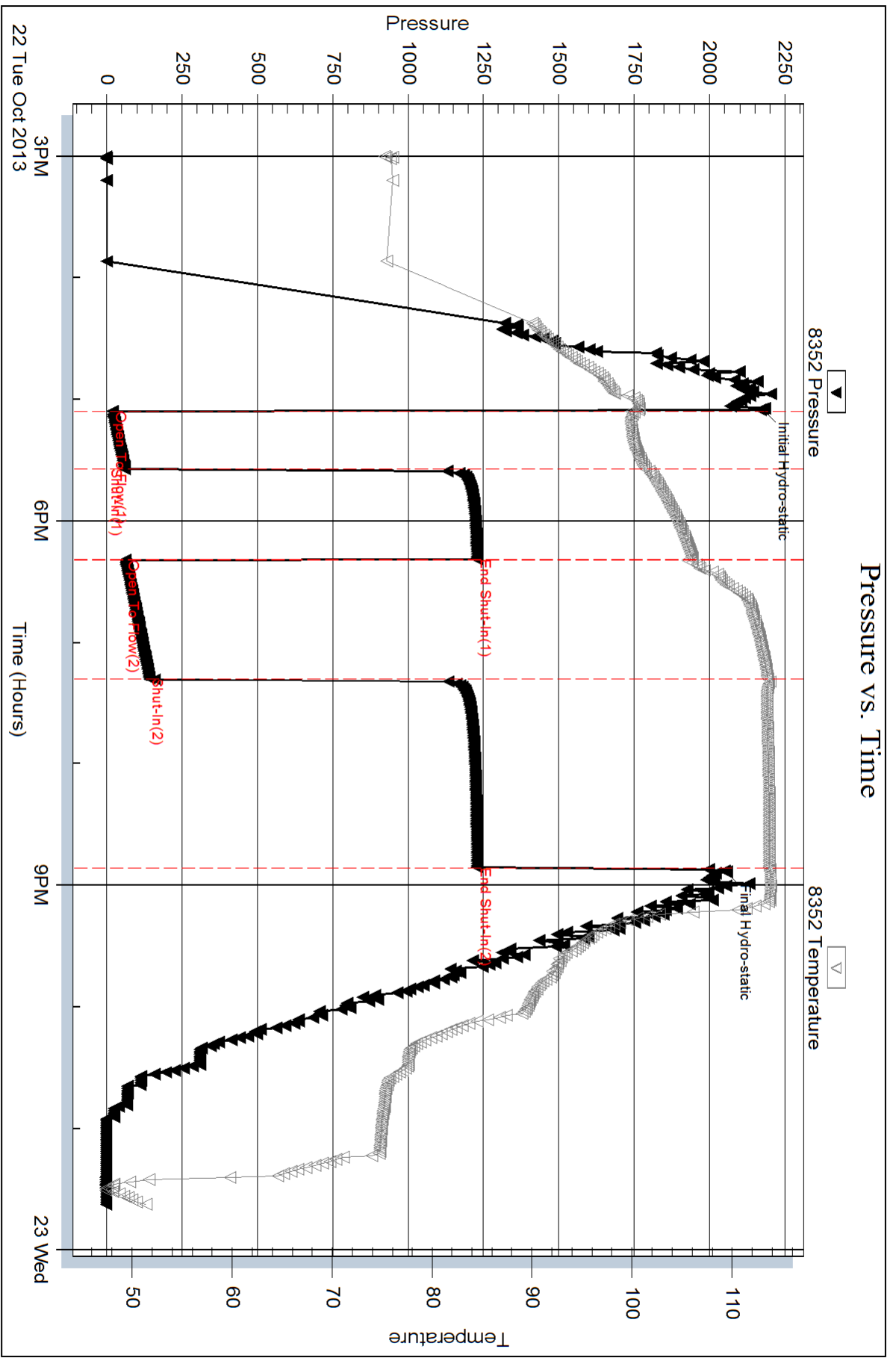
Serial #: 8352

Inside

Eagle Creek Corp.

Simons Farms #1-12

DST Test Number: 2

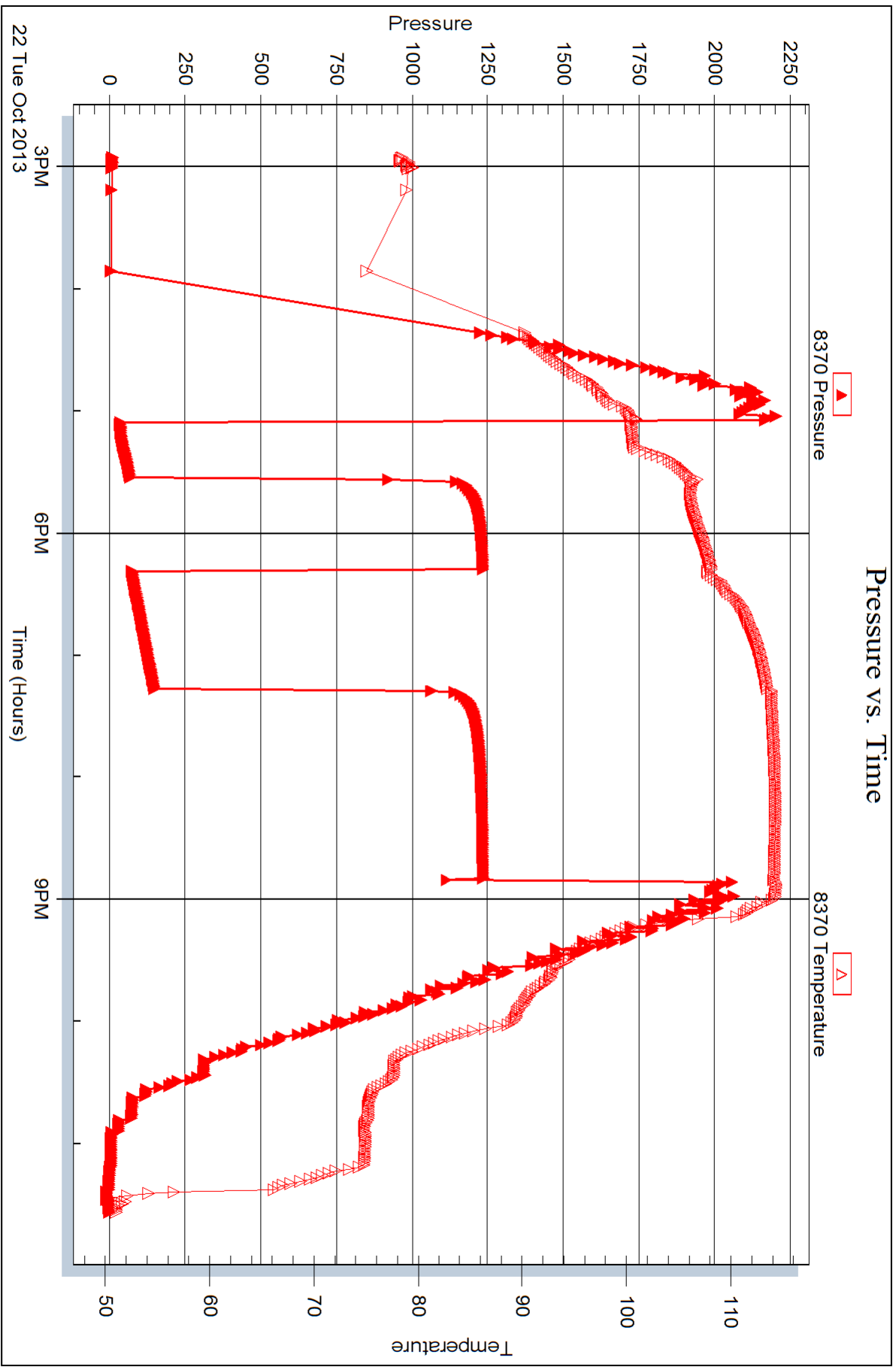


Serial #: 8370

Outside Eagle Creek Corp.

Simons Farms #1-12

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226

ATTN: Bob O'Dell

### **Simons Farms #1-12**

### **12-17s-35w Wichita,KS**

Start Date: 2013.10.24 @ 01:00:00

End Date: 2013.10.24 @ 06:14:15

Job Ticket #: 52986                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.29 @ 11:02:58



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corp.  
 8100 E.22nd St. N.  
 Bldg. 1500, Ste. A  
 Wichita KS .67226  
 ATTN: Bob O'Dell

**12-17s-35w Wichita, KS**

**Simons Farms #1-12**

Job Ticket: 52986 **DST#: 3**  
 Test Start: 2013.10.24 @ 01:00:00

## GENERAL INFORMATION:

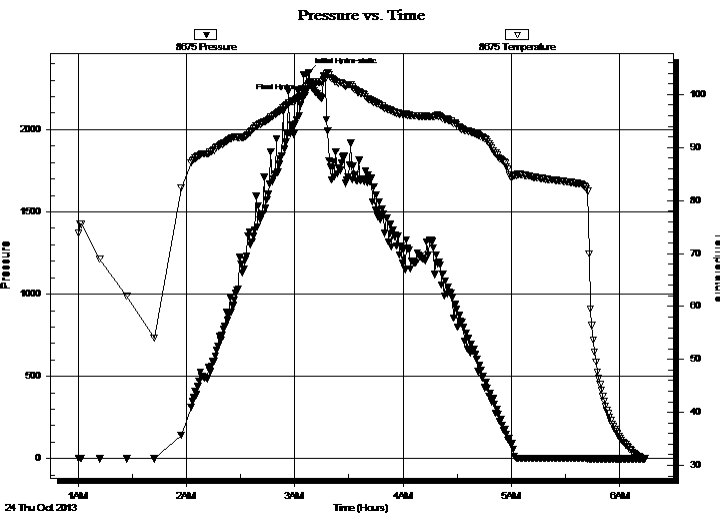
Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened:  
 Time Test Ended: 06:14:15  
 Interval: **4510.00 ft (KB) To 4540.00 ft (KB) (TVD)**  
 Total Depth: 4540.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jace McKinney  
 Unit No: 46  
 Reference Elevations: 3176.00 ft (KB)  
 3169.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 8675

Inside

Press @ Run Depth: psig @ 4511.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.24 End Date: 2013.10.24 Last Calib.: 2013.10.24  
 Start Time: 01:00:15 End Time: 06:14:15 Time On Btm: 2013.10.24 @ 03:07:45  
 Time Off Btm: 2013.10.24 @ 03:16:00

TEST COMMENT: Packer Failure



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.22	101.95	Initial Hydro-static
9	2329.71	102.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3276.00	100% Mud	45.95

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52986

**DST#: 3**

Test Start: 2013.10.24 @ 01:00:00

## Tool Information

Drill Pipe:	Length: 4504.55 ft	Diameter: 3.80 inches	Volume: 63.19 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 63.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.55 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4510.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4491.00	
Shut In Tool	5.00			4496.00	
Hydraulic tool	5.00			4501.00	
Packer	5.00			4506.00	20.00 Bottom Of Top Packer
Packer	4.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	8675	Inside	4511.00	
Recorder	0.00	8650	Outside	4511.00	
Perforations	26.00			4537.00	
Change Over Sub	0.00			4537.00	
Drill Pipe	0.00			4537.00	
Change Over Sub	0.00			4537.00	
Bullnose	3.00			4540.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 50.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52986

**DST#: 3**

Test Start: 2013.10.24 @ 01:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3276.00	100% Mud	45.954

Total Length: 3276.00 ft      Total Volume: 45.954 bbl

Num Fluid Samples: 0

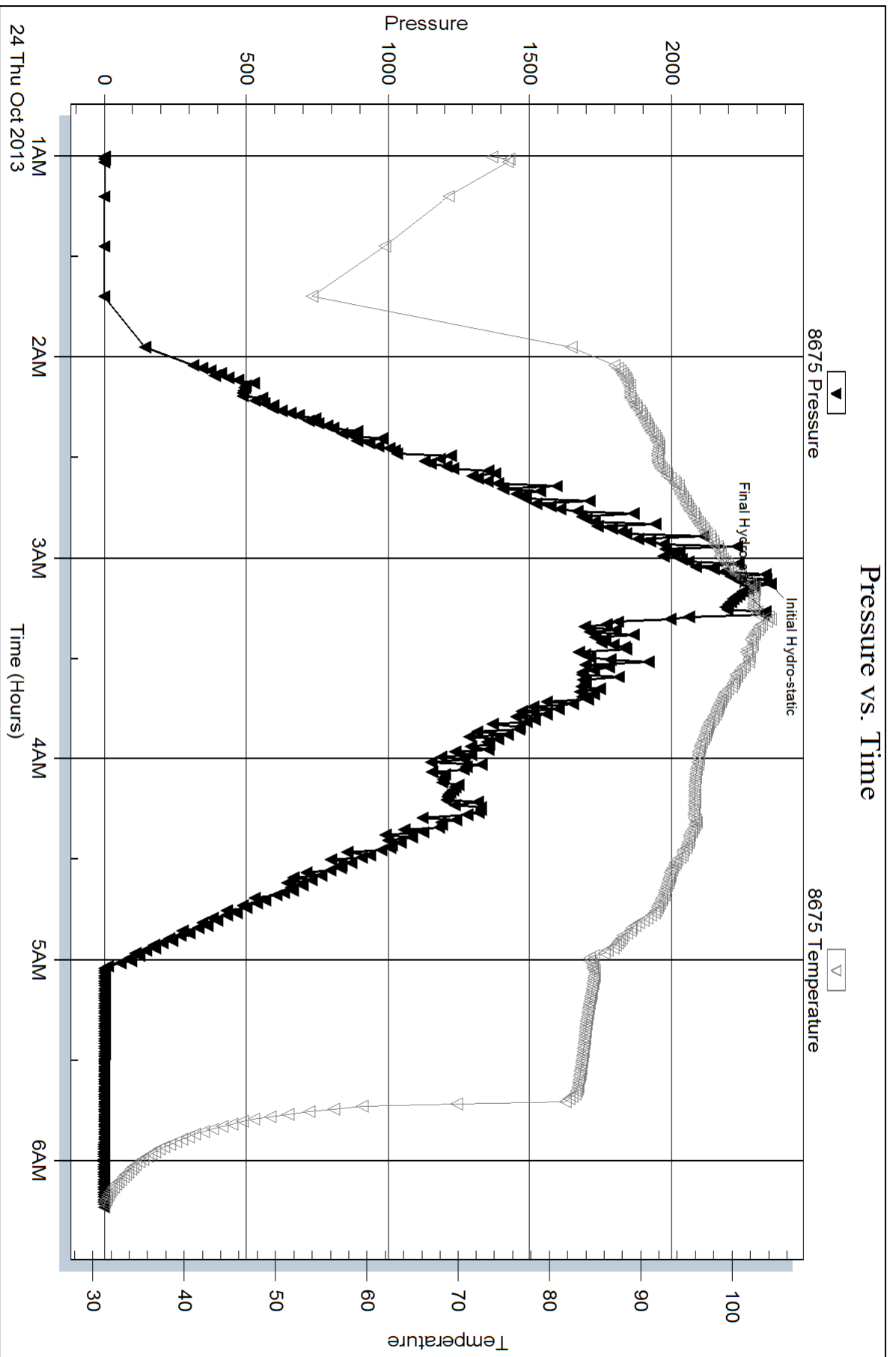
Num Gas Bombs: 0

Serial #:

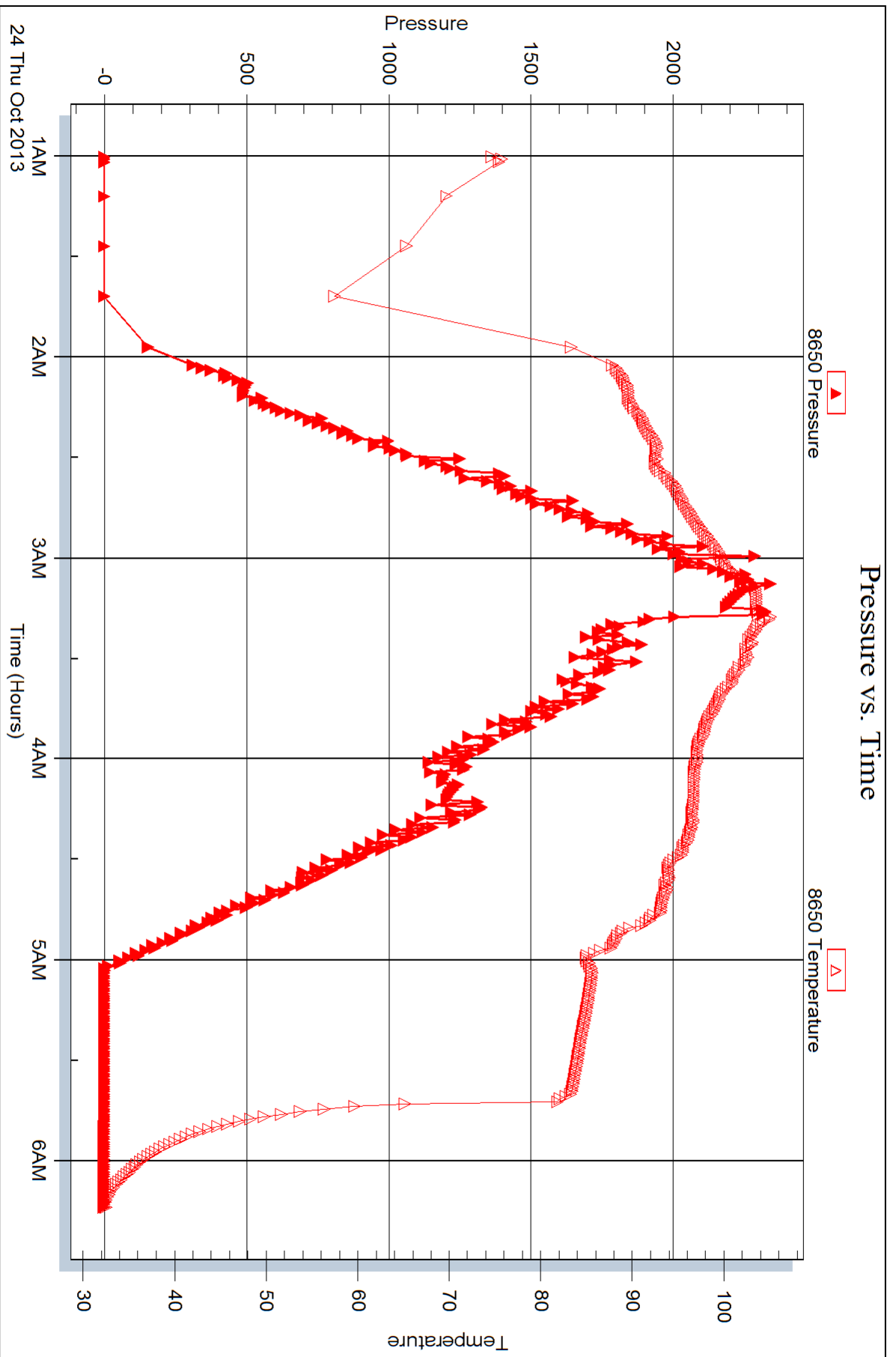
Laboratory Name:

Laboratory Location:

Recovery Comments:









## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226

ATTN: Bob O'Dell

### **Simons Farms #1-12**

### **12-17s-35w Wichita,KS**

Start Date: 2013.10.24 @ 06:35:00

End Date: 2013.10.24 @ 15:44:00

Job Ticket #: 52987                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.29 @ 11:02:33



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52987

**DST#: 4**

Test Start: 2013.10.24 @ 06:35:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:45

Time Test Ended: 15:44:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

**Interval: 4448.00 ft (KB) To 4540.00 ft (KB) (TVD)**

Reference Elevations: 3176.00 ft (KB)

Total Depth: 4540.00 ft (KB) (TVD)

3169.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 242.15 psig @ 4449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.24

End Date:

2013.10.24

Last Calib.:

2013.10.24

Start Time: 06:35:15

End Time:

15:44:00

Time On Btm:

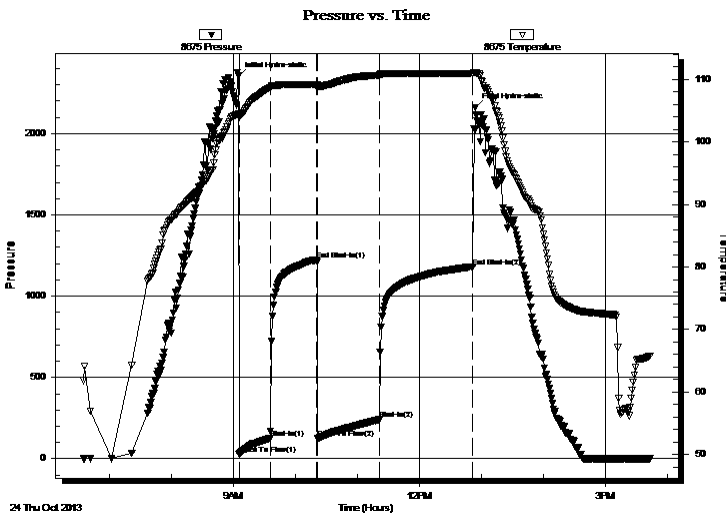
2013.10.24 @ 09:05:15

Time Off Btm:

2013.10.24 @ 12:54:30

**TEST COMMENT:** B.O.B. in 14 min.  
Bled off for 5 min. No return blow  
B.O.B. in 17 min.  
Bled off for 5 min. Built to 4 1/2" return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.70	104.57	Initial Hydro-static
1	29.86	103.88	Open To Flow (1)
31	126.80	108.76	Shut-In(1)
76	1224.41	109.19	End Shut-In(1)
77	126.41	108.56	Open To Flow (2)
137	242.15	110.66	Shut-In(2)
227	1180.40	110.97	End Shut-In(2)
230	2157.73	111.13	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	282 Feet Gas In Pipe	0.00
219.00	gco 20%G 80%O	3.07
252.00	gcom 20%G 20%O 60%M	3.53
63.00	ocgw m 5%O 15%G 20%W 60%M	0.88

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52987

**DST#: 4**

Test Start: 2013.10.24 @ 06:35:00

## Tool Information

Drill Pipe:	Length: 4441.79 ft	Diameter: 3.80 inches	Volume: 62.31 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.79 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4448.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Change Over Sub	1.00			4429.00	
Shut In Tool	5.00			4434.00	
Hydraulic tool	5.00			4439.00	
Packer	5.00			4444.00	20.00 Bottom Of Top Packer
Packer	4.00			4448.00	
Stubb	1.00			4449.00	
Recorder	0.00	8675	Inside	4449.00	
Recorder	0.00	8650	Outside	4449.00	
Perforations	24.00			4473.00	
Change Over Sub	1.00			4474.00	
Drill Pipe	62.00			4536.00	
Change Over Sub	1.00			4537.00	
Bullnose	3.00			4540.00	92.00 Bottom Packers & Anchor

**Total Tool Length: 112.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corp.  
8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**12-17s-35w Wichita,KS**

**Simons Farms #1-12**

Job Ticket: 52987

**DST#: 4**

Test Start: 2013.10.24 @ 06:35:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 53.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 9000.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 33 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	282 Feet Gas In Pipe	0.000
219.00	gco 20%G 80%O	3.072
252.00	gcom 20%G 20%O 60%M	3.535
63.00	ocgw m 5%O 15%G 20%W 60%M	0.884

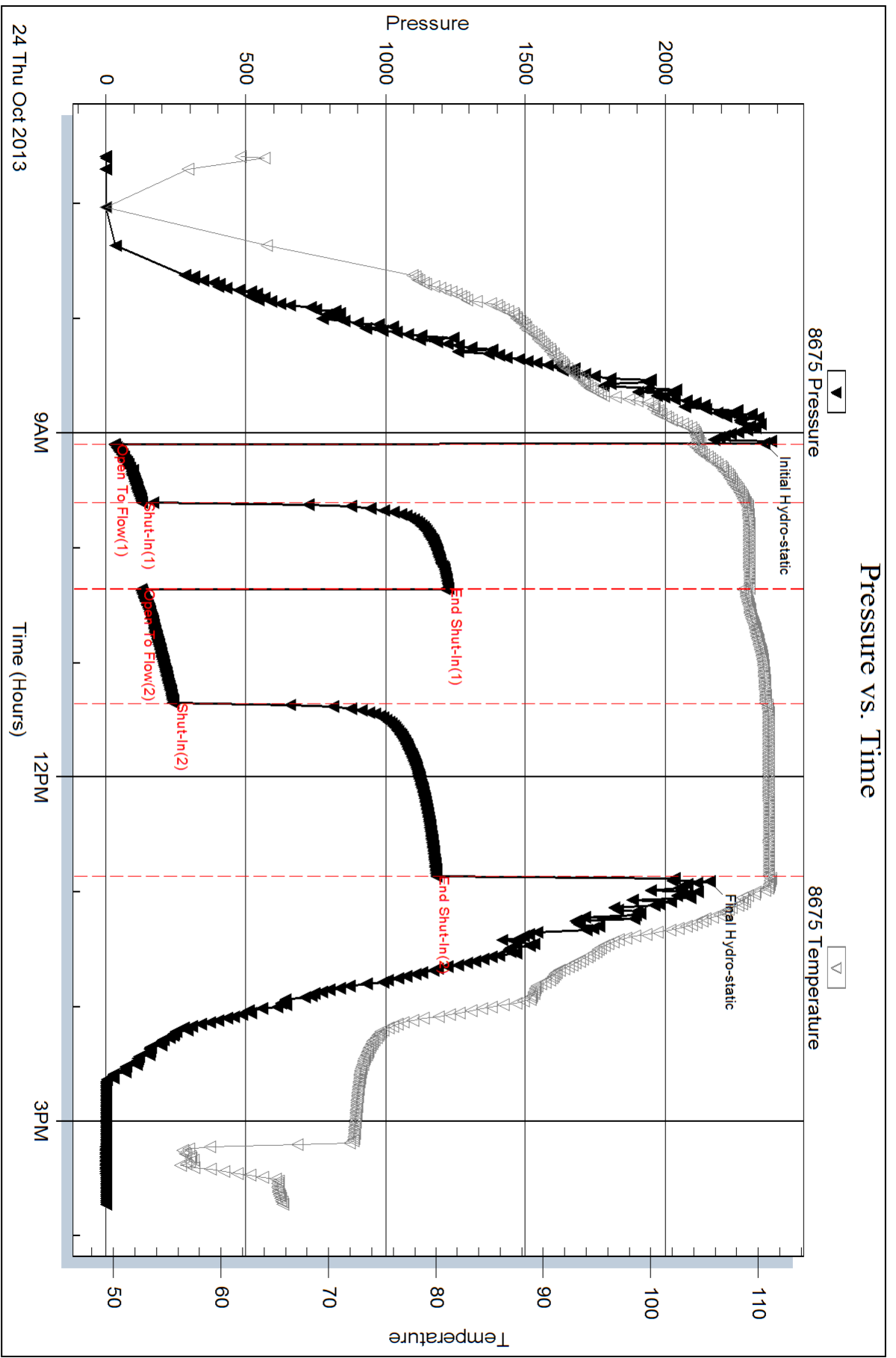
Total Length: 534.00 ft      Total Volume: 7.491 bbl

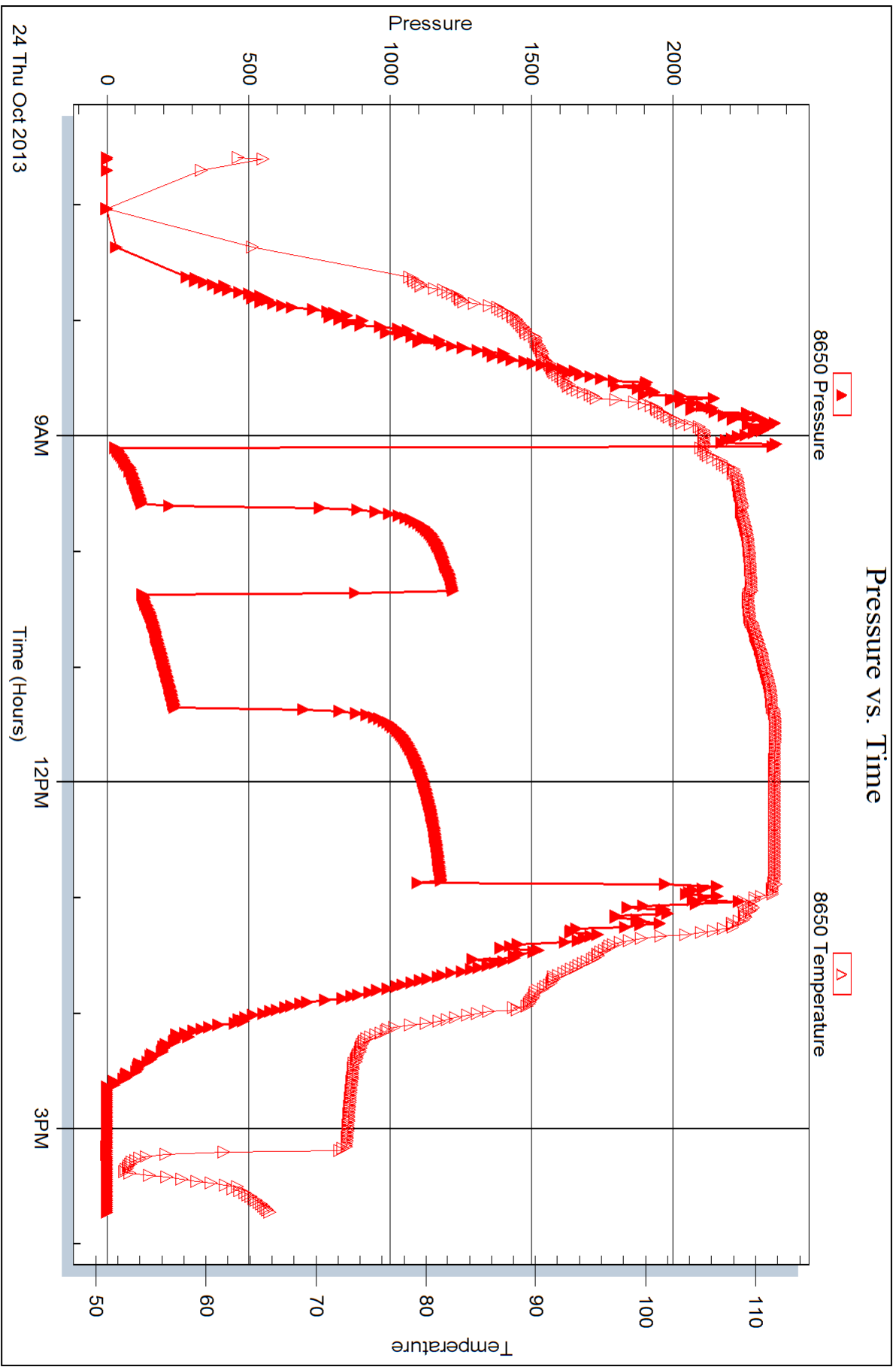
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW: .38 @ 65 F = 30,000

API: 33 @ 60 F = 33









## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226

ATTN: Bob O'Dell

### **Simons Farms #1-12**

### **12-17s-35w Wichita,KS**

Start Date: 2013.10.25 @ 01:00:00

End Date: 2013.10.25 @ 09:04:30

Job Ticket #: 52988                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.29 @ 11:01:52



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52988

**DST#: 5**

Test Start: 2013.10.25 @ 01:00:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:22:00

Time Test Ended: 09:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

**Interval: 4546.00 ft (KB) To 4566.00 ft (KB) (TVD)**

Reference Elevations: 3176.00 ft (KB)

Total Depth: 4566.00 ft (KB) (TVD)

3169.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 34.05 psig @ 4547.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.25

End Date: 2013.10.25

Last Calib.: 2013.10.25

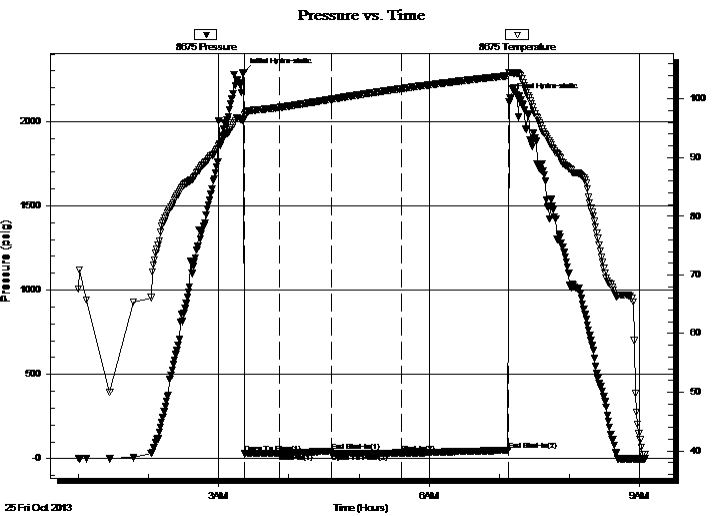
Start Time: 01:00:15

End Time: 09:04:30

Time On Btm: 2013.10.25 @ 03:21:30

Time Off Btm: 2013.10.25 @ 07:09:15

**TEST COMMENT:** Built to 2" blow  
No return blow  
No blow  
No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2288.71	96.47	Initial Hydro-static
1	29.60	96.64	Open To Flow (1)
30	32.68	98.55	Shut-In(1)
75	45.57	99.97	End Shut-In(1)
76	32.19	99.96	Open To Flow (2)
135	34.05	101.77	Shut-In(2)
226	49.47	103.97	End Shut-In(2)
228	2141.27	104.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	100% Mud w ith oil spots	0.63

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corp.

**12-17s-35w Wichita, KS**

8100 E.22nd St. N.  
Bldg. 1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**Simons Farms #1-12**

Job Ticket: 52988

**DST#: 5**

Test Start: 2013.10.25 @ 01:00:00

## Tool Information

Drill Pipe:	Length: 4536.00 ft	Diameter: 3.80 inches	Volume: 63.63 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 63.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4546.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4527.00	
Shut In Tool	5.00			4532.00	
Hydraulic tool	5.00			4537.00	
Packer	5.00			4542.00	20.00 Bottom Of Top Packer
Packer	4.00			4546.00	
Stubb	1.00			4547.00	
Recorder	0.00	8675	Inside	4547.00	
Recorder	0.00	8650	Outside	4547.00	
Perforations	16.00			4563.00	
Change Over Sub	0.00			4563.00	
Drill Pipe	0.00			4563.00	
Change Over Sub	0.00			4563.00	
Bullnose	3.00			4566.00	20.00 Bottom Packers & Anchor

**Total Tool Length: 40.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corp.  
8100 E.22nd St. N.  
Bldg.1500, Ste. A  
Wichita KS .67226  
ATTN: Bob O'Dell

**12-17s-35w Wichita,KS**

**Simons Farms #1-12**

Job Ticket: 52988

**DST#: 5**

Test Start: 2013.10.25 @ 01:00:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 60.00 sec/qt  
Water Loss: 9.98 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 8500.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	100% Mud with oil spots	0.631

Total Length: 45.00 ft      Total Volume: 0.631 bbl

Num Fluid Samples: 0

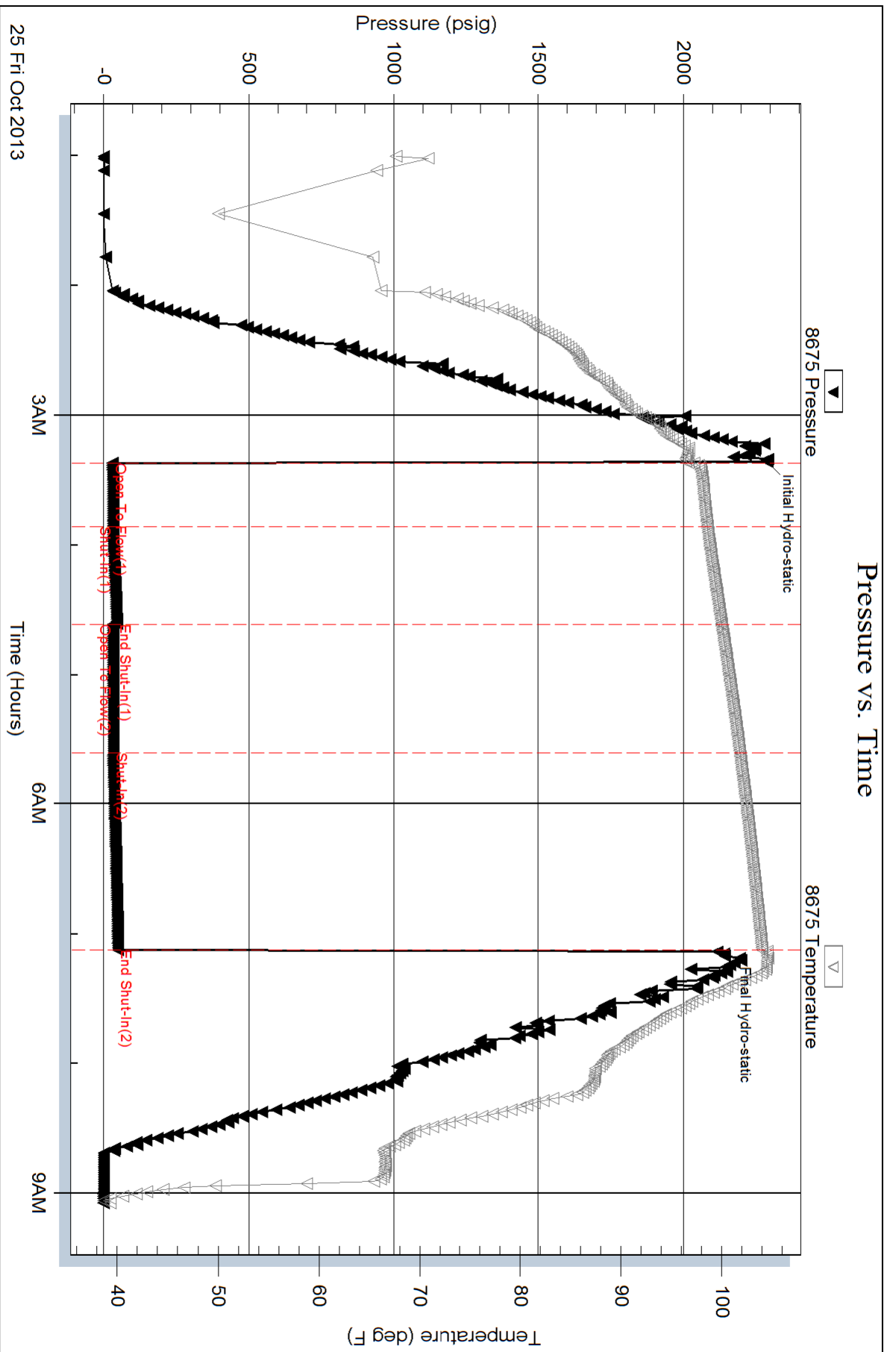
Num Gas Bombs: 0

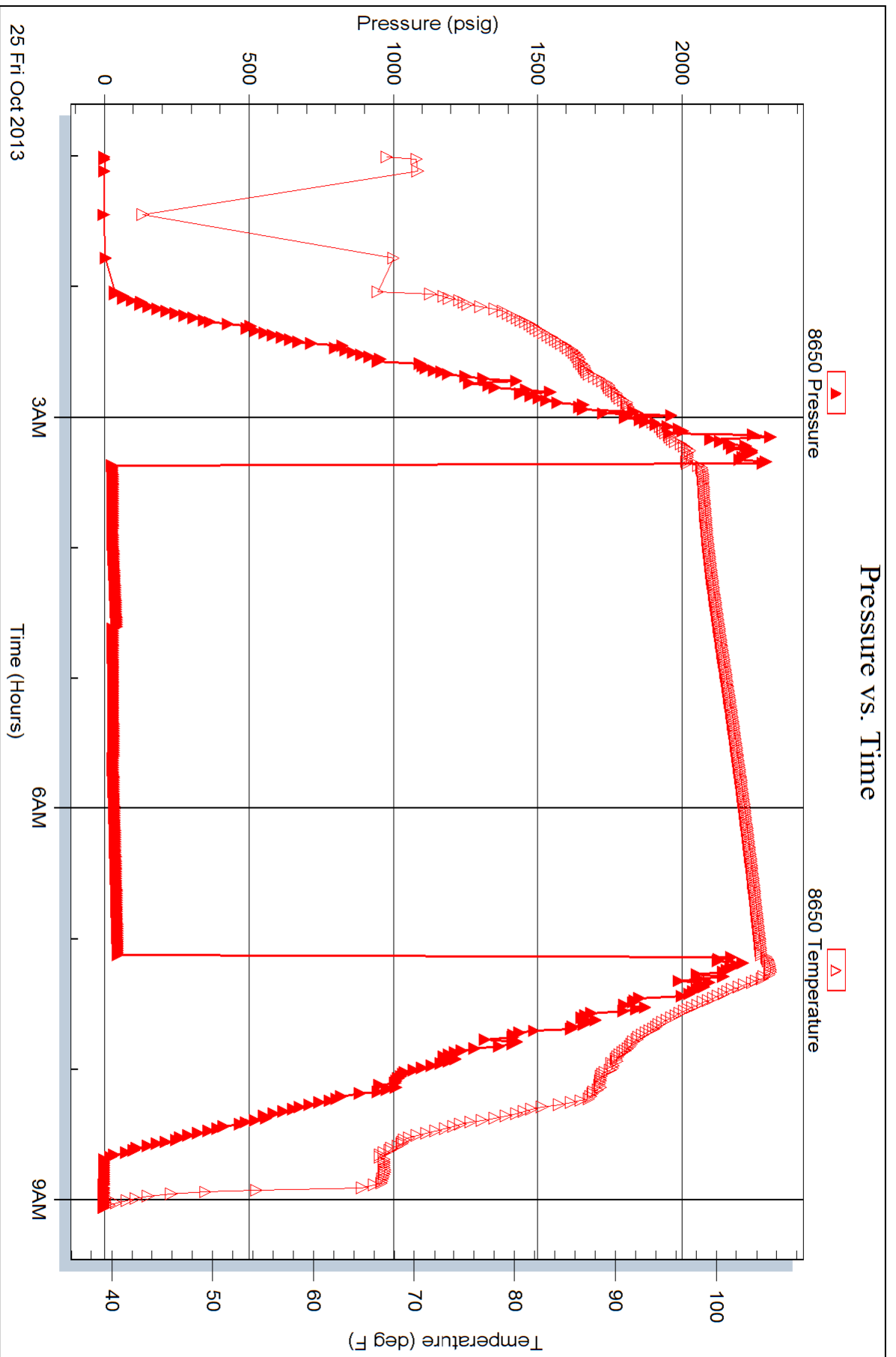
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52364

Well Name & No. SIMONS FARMS II 1-12 Test No. 1 Date 10-21-13  
 Company EAGLE CREEK CORP. Elevation 3176 KB 3109 GL  
 Address 8100 E. 22<sup>ND</sup> ST. N. BLDG. 1500, STE A, WICHITA KS. 67226  
 Co. Rep / Geo. BOB O'DELL Rig VAL RIG #4  
 Location: Sec. 12 Twp. 17S Rge. 35W Co. WICHITA State KS

Interval Tested 4247~4310' Zone Tested LAW. H-I  
 Anchor Length 63' Drill Pipe Run 4252' Mud Wt. 9.0  
 Top Packer Depth 4242' Drill Collars Run 0 Vis 57  
 Bottom Packer Depth 4247' Wt. Pipe Run 0 WL 7.2cc  
 Total Depth 4310' Chlorides 8000 ppm System LCM 1#  
 Blow Description IF: Weak blow. 1/4-1/2". IS: No blow.

FE: Weak blow. (surface) Dead in 30 mins. FSI: No blow.

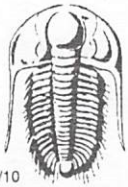
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>WM w/ oil specs.</u>			<u>12</u>	<u>88</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 104° Gravity N/A API RW .56 @ 62 °F Chlorides 13,700 ppm  
 (A) Initial Hydrostatic 2103  Test 1250 T-On Location 2201  
 (B) First Initial Flow 19  Jars 250 T-Started 2327  
 (C) First Final Flow 24  Safety Joint 75 T-Open 0207  
 (D) Initial Shut-In 1103  Circ Sub \_\_\_\_\_ T-Pulled 0454  
 (E) Second Initial Flow 25  Hourly Standby \_\_\_\_\_ T-Out 0715  
 (F) Second Final Flow 30  Mileage 37.5 FROM IRAIT 48 FROM SCOTT CITY Comments \_\_\_\_\_  
 (G) Final Shut-In 1084  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2071  Straddle \_\_\_\_\_

Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Day Standby \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Accessibility \_\_\_\_\_ Total 1649.40  
 Final Flow 30  Sub Total 1649.40 MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60

Approved By \_\_\_\_\_ Our Representative Gary P. [Signature]  
 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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52365

Well Name & No. SIMONS FARMS #1-12 Test No. 2 Date 10-22-13  
 Company EAGLE CREEK CORP. Elevation 3176 KB 3169 GL  
 Address 8100 E. 22<sup>ND</sup> ST. N. BLDG. 1500, STE. A, WICHITA KS. 67220  
 Co. Rep / Geo. BOB O'DELL Rig VAL R2G #4  
 Location: Sec. 12 Twp. 17S Rge. 35W Co. WICHITA State KS.

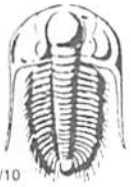
Interval Tested 4318 ~ 4330' Zone Tested LANS. 3  
 Anchor Length 12' Drill Pipe Run 4314' Mud Wt. 9.0  
 Top Packer Depth 4313' Drill Collars Run 0 Vis 48  
 Bottom Packer Depth 4318' Wt. Pipe Run 0 WL 10.0cc  
 Total Depth 4330' Chlorides 8000 ppm System LCM 2#

Blow Description IF: Weak to fair blow. Increase to 5".  
ESI: No blow.  
FF: Weak to fair blow. Increase to 7". ESI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Feet of Clean oil (Heavy)</u>				
<u>90</u>	<u>Feet of MW w a few specks</u>		<u>83</u>	<u>17</u>	
<u>185</u>	<u>Feet of SW</u>				

Rec Total 276 fluid BHT 114° Gravity N/A API RW 14 @ 54 °F Chlorides 74,000 ppm  
 (A) Initial Hydrostatic 2175  Test 1250 T-On Location 1435  
 (B) First Initial Flow 20  Jars 250 T-Started 1439  
 (C) First Final Flow 60  Safety Joint 75 T-Open 1705  
 (D) Initial Shut-In 1230  Circ Sub T-Pulled 2048  
 (E) Second Initial Flow 62  Hourly Standby T-Out 2337  
 (F) Second Final Flow 142  Mileage 481 74.40 \*Comments INIGHT MODEL  
 (G) Final Shut-In 1230  Sampler (NO RECEIPT) DIRECT BILL  
 (H) Final Hydrostatic 2050  Straddle FROM SCOTT CITY  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Initial Open 30  Extra Packer  
 Initial Shut-In 45  Extra Recorder  
 Final Flow 60  Day Standby  
 Final Shut-In 90  Accessibility  
 Sub Total 1649.40 Total 1649.40  
 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Craig Revolutary  
 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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52986

Well Name & No. Simons Farms # 1-12 Test No. 3 Date 10/23/13 10/24/13  
 Company Eagle Creek Corp. Elevation 3176 KB 3169 GL \_\_\_\_\_  
 Address 8100 E 22nd St No. Bldg. 1500, Ste. A Wichita KS, 67226  
 Co. Rep / Geo. Dave Callewaert Rig Val Energy Rig 4  
 Location: Sec. 12 Twp. 17S Rge. 35W Co. Wichita, Co. State KS

Interval Tested 4510 - 4540 Zone Tested Marmaton  
 Anchor Length 30 Drill Pipe Run 4504.55 Mud Wt. 9.0  
 Top Packer Depth 4506 Drill Collars Run \_\_\_\_\_ Vis 53  
 Bottom Packer Depth 4510 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 4540 Chlorides 9,000 ppm System LCM 2#  
 Blow Description Packer Failure

Rec	Feet of	%gas	%oil	%water	%mud
<u>3276</u>	<u>Mud</u>			<u>100</u>	
_____	_____				
_____	_____				
_____	_____				
_____	_____				

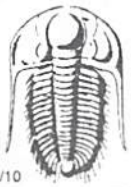
Rec Total 3276 BHT 102 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2347  Test 1050 T-On Location 23:30  
 (B) First Initial Flow \_\_\_\_\_  Jars \_\_\_\_\_ T-Started 01:00  
 (C) First Final Flow \_\_\_\_\_  Safety Joint \_\_\_\_\_ T-Open Packer  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub Used 50 T-Pulled \_\_\_\_\_  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out Failure  
 (F) Second Final Flow \_\_\_\_\_  Mileage 50 BT 77.50 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,330  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer 320  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1497.50  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1177.50

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

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52987

Well Name & No. Simons Farms #1-12 Test No. 4 Date 10/24/13  
 Company Eagle Creek Corp. Elevation 3176 KB 3129 GL  
 Address 8100 E 22nd St N. Bldg. 1500, STE. A, Wichita KS, 67226  
 Co. Rep / Geo. Dave Callewaert Rig Nat Energy Rig 4  
 Location: Sec. 12 Twp. 17s Rge. 35w Co. Wichita Co. State KS

Interval Tested 4448-4540 Zone Tested Marmaton  
 Anchor Length 92 Drill Pipe Run 4441.29 Mud Wt. 9.0  
 Top Packer Depth 4444 Drill Collars Run \_\_\_\_\_ Vis 53  
 Bottom Packer Depth 4448 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 4540 Chlorides 9,000 ppm System LCM 2#

Blow Description B.O.B. in 14 min.  
Bled off for 5 min. No return below

B.O.B. in 17 min.  
Bled off for 5 min. Built to 4 1/2" return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>282 Feet Gas In Pipe</u>				
<u>219</u>	<u>gco</u>	<u>20%</u>	<u>80%</u>		
<u>252</u>	<u>gcom</u>	<u>20%</u>	<u>20%</u>		<u>60%</u>
<u>63</u>	<u>agwm</u>	<u>15%</u>	<u>5%</u>	<u>20%</u>	<u>60%</u>

Rec Total 534 BHT 111 Gravity 33 API RW 38 @ 65 °F Chlorides 30,000 ppm

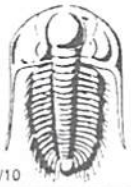
(A) Initial Hydrostatic 2,354  Test 1250 T-On Location 06:00  
 (B) First Initial Flow 30  Jars \_\_\_\_\_ T-Started 06:35  
 (C) First Final Flow 127  Safety Joint \_\_\_\_\_ T-Open 09:06  
 (D) Initial Shut-In 1,224  Circ Sub N/C T-Pulled 12:52  
 (E) Second Initial Flow 126  Hourly Standby \_\_\_\_\_ T-Out 15:44  
 (F) Second Final Flow 242  Mileage 50 RT 77.50  
 (G) Final Shut-In 1,180  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,158  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Shale Packer \_\_\_\_\_  
 Final Flow 60  Extra Packer \_\_\_\_\_  
 Final Shut-In 90  Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1327.50

Sub Total 0  
 Total 1327.50  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52988

Well Name & No. Simons Farms # 1-12 Test No. 5 Date 10/24/13 10/25/13  
 Company Eagle Creek Corp. Elevation 3176 KB 3169 GL  
 Address 8100 E 22nd N. Bldg 1500, STE A Wichita KS, 67226  
 Co. Rep / Geo. Dave Callawaert Rig Val Energy Rig 4  
 Location: Sec. 12 Twp. 17s Rge. 35w Co. Wichita Co. State KS

Interval Tested 4546 - 4566 Zone Tested Marmaton  
 Anchor Length 20 Drill Pipe Run 4536 Mud Wt. 9.3  
 Top Packer Depth 4542 Drill Collars Run \_\_\_\_\_ Vis 100  
 Bottom Packer Depth 4546 Wt. Pipe Run \_\_\_\_\_ WL 10.0  
 Total Depth 4566 Chlorides 8,500 ppm System LCM 2 #

Blow Description Built to 2" below  
no return below  
No below  
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</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 45 BHT 104 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2,289  Test 1250 T-On Location 23:35  
 (B) First Initial Flow 30  Jars \_\_\_\_\_ T-Started 01:00  
 (C) First Final Flow 33  Safety Joint \_\_\_\_\_ T-Open 03:21  
 (D) Initial Shut-In 46  Circ Sub N/C T-Pulled 07:06  
 (E) Second Initial Flow 32  Hourly Standby \_\_\_\_\_ T-Out 09:04  
 (F) Second Final Flow 34  Mileage 50 RT X 2 155 Comments Loaded tool @  
 (G) Final Shut-In 50  Sampler \_\_\_\_\_ 09:25 on 10/26/13  
 (H) Final Hydrostatic 2,141  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  
 Initial Shut-In 46  Extra Recorder \_\_\_\_\_  
 Final Flow 60  Day Standby \_\_\_\_\_  
 Final Shut-In 90  Accessibility \_\_\_\_\_  
 Sub Total 1405

Approved By \_\_\_\_\_ Our Representative [Signature]

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**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 44283  
LOCATION Orkley Ks  
FOREMAN Jerry V Fuzzy

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL-NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-27-13	2726	Simons Farms 1-12	12	175	35w	Wichita
CUSTOMER Eagle Creek			TRUCK #      DRIVER      TRUCK #      DRIVER 463      Cory D 466      Tim W 529-T129      Jeremy S			
MAILING ADDRESS						
CITY						
STATE      ZIP CODE						

JOB TYPE 2 stage      HOLE SIZE 7 7/8      HOLE DEPTH 4980      CASING SIZE & WEIGHT 5 1/2 15.5#  
 CASING DEPTH 4960.74      DRILL PIPE      TUBING      OTHER DV tool @ 2443'  
 SLURRY WEIGHT 14.2/12.5      SLURRY VOL 1.42/1.87      WATER gal/sk      CEMENT LEFT in CASING 1136  
 DISPLACEMENT 117 3/4/58      DISPLACEMENT PSI      MIX PSI      RATE

REMARKS: Safety meeting & rigup on Vol 4 run float eqpt. centralizers on 1,6,10,14,18,66 basket 10' down from DV tool on jt 6/1 @ 2443' run rest of casing hookup to rig tree & pump hall thru & circulate. Thr hookup to truck pump 5 bbl H<sub>2</sub>O spacer 500 gal mud flush, 5 bbl spacer mix 16.5 sks OWC w/ 54 Kol seal per SK ~~to that~~ displaced w/ 60 bbl water & 59 1/2 mud bottom plug landed @ 1400' with 800' lift psi released & tool held, dropped bomb opened tool w/ 1000' circulate 1 hr pump 5 bbl water spacer mix 20 sks mh 30 sks rh, 470 sks 60/40 poz 8% gel, 1/4" per sk flow seal shut down released plug washed pump & lines & displaced w/ 59 bbl water and 750' lift plug landed @ 1500' psi & tool closed released & held, circulated 58 bbl top it

Thank you Jerry, Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175 <sup>00</sup>	3175 <sup>00</sup>
5406	45	MILEAGE	5.25	236 <sup>25</sup>
5407A	30.1	ton mileage delivery	1.75	2370 <sup>37</sup>
1126	165 sks	OWC	23.70	3910 <sup>59</sup>
1110A	825 #	Kol seal	.56	462 <sup>00</sup>
1131	520 sks	60/40 poz mix	15.86	8247 <sup>20</sup>
1118b	3577 #	bentonite	.27	965 <sup>71</sup>
1107	130 #	flow seal	2.97	386 <sup>10</sup>
1144G	500 gal	WFR mud flush	1.00	500 <sup>00</sup>
4159	1	5 1/2 float shoe I	433 <sup>75</sup>	433 <sup>75</sup>
4130	6	5 1/2 centralizers W	61 <sup>00</sup>	366 <sup>00</sup>
4104	1	5 1/2 basket W	290 <sup>00</sup>	290 <sup>00</sup>
4283	1	5 1/2 DV tool w/ latch down assy	4042 <sup>50</sup>	4042 <sup>50</sup>
1111	100 #	salt	no charge	
		subtotal		25,385 <sup>47</sup>
		less 10% disc		2538 <sup>54</sup>
		subtotal		22846 <sup>93</sup>
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737  
AUTHORIZATION [Signature]      TITLE \_\_\_\_\_      DATE 10-28-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





PO Box 684, Chanute, KS 66720  
620-431-9210 or 800-467-8676

263253

TICKET NUMBER 44376  
LOCATION Oakley Ks.  
FOREMAN Danner & Termer

### FIELD TICKET & TREATMENT REPORT CEMENT

Ks.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/15/13	2776	Simons Farm 1-12	12	17	35	Wichita
CUSTOMER <u>Eagle Creek</u>			56th City			
MAILING ADDRESS			9 N 1 W			
CITY			1 1/2 N			
STATE			E into			
ZIP CODE						
TRUCK #	DRIVER	TRUCK #	DRIVER			
456	Tyler R					
460	Termer S					
	Merle R					

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 269 CASING SIZE & WEIGHT 8 3/8, 24"  
CASING DEPTH 269.08 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 14 1/2 SLURRY VOL. 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
DISPLACEMENT 15.86 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting Rig up on Val #4 Run casing Break Circulation with Rig Pump, Hook up to Pump Truck mix 180 SKs Class A Cement 3% CC 2% Gel Displace with water 15.86 bbl Shut in Wash up Pump + Lines

Cement Did Circulate

Approx 5 bbl To Pit

Thank Danner & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015		PUMP CHARGE	\$ 1150.00	\$ 1150.00
5406	45	MILEAGE	\$ 5.25	\$ 236.25
5407A	3.46	Ton Mileage Delivery	\$ 1.25	\$ 432.50
1104 S	180 SKs	Class "A" Cement	\$ 18.55	\$ 3339.00
1102	507*	Calcium Chloride	\$ .94	\$ 476.58
1118 B	338*	Bentonite	\$ .27	\$ 91.26
			SubTotal	\$ 5959.54
			Less 10%	\$ 595.95
			SubTotal	\$ 5363.59
			8.15%	
			SALES TAX ESTIMATED	280.57
			TOTAL	5650.16

**Completed**

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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