



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1162534  
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: \_\_\_\_\_



1162534

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> _____
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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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## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N. Main Ste. 905  
Wichita KS 67202

ATTN: Bob O'Dell

**Lynn #1-14**

**14-11s-18w Ellis,KS**

Start Date: 2013.09.08 @ 10:45:00

End Date: 2013.09.08 @ 16:18:00

Job Ticket #: 54433                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.13 @ 10:35:29



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 54433

**DST#: 1**

ATTN: Bob O'Dell

Test Start: 2013.09.08 @ 10:45:00

## GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:00:30

Time Test Ended: 16:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel/Brannan Lo

Unit No: 67

**Interval: 3044.00 ft (KB) To 3070.00 ft (KB) (TVD)**

Reference Elevations: 1913.00 ft (KB)

Total Depth: 3070.00 ft (KB) (TVD)

1906.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6625 Outside**

Press @ Run Depth: 26.29 psig @ 3067.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.08

End Date:

2013.09.08

Last Calib.:

2013.09.08

Start Time: 10:45:01

End Time:

16:18:00

Time On Btm:

2013.09.08 @ 13:00:00

Time Off Btm:

2013.09.08 @ 15:00:00

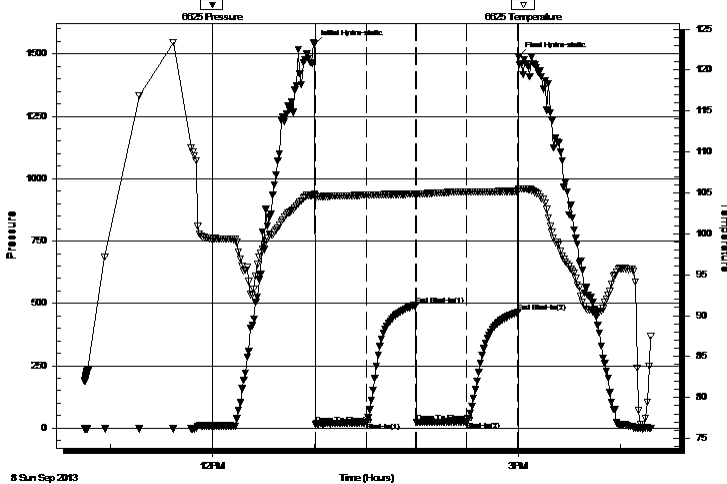
**TEST COMMENT:** 30- I.F.- Weak surface blow died in 1 min

30- I.S.I. No blow back

30- F.F. No blow

30- F.S.I. No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1538.94	104.82	Initial Hydro-static
1	16.58	104.57	Open To Flow (1)
31	22.31	104.74	Shut-In(1)
60	492.91	104.86	End Shut-In(1)
60	23.70	104.84	Open To Flow (2)
90	26.29	105.12	Shut-In(2)
120	464.34	105.19	End Shut-In(2)
120	1487.88	105.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	MUD/ 100%M	0.35

## Gas Rates

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



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Eagle Creek Corporation  
 150 N. Main Ste. 905  
 Wichita KS 67202  
 ATTN: Bob O'Dell

**14-11s-18w Ellis, KS**  
**Lynn #1-14**  
 Job Ticket: 54433      **DST#: 1**  
 Test Start: 2013.09.08 @ 10:45:00

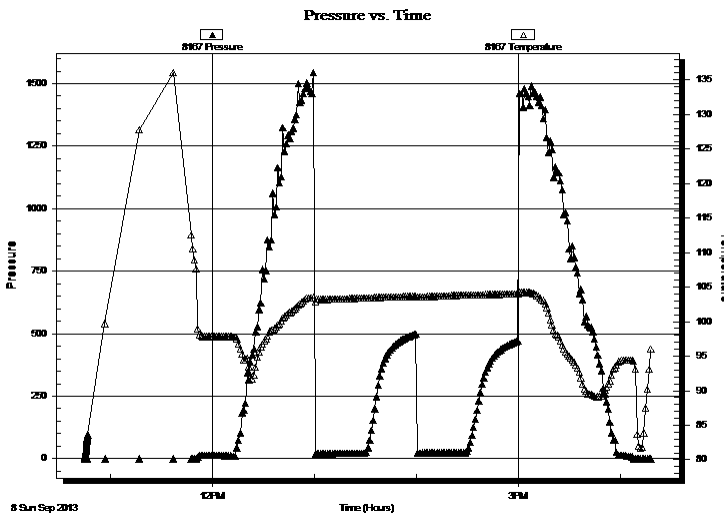
### GENERAL INFORMATION:

Formation: <b>Topeka</b>	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:                      ft (KB)	Tester: Bob Hamel/Brannan Lo
Time Tool Opened: 13:00:30	Unit No: 67
Time Test Ended: 16:18:00	Reference Elevations: 1913.00 ft (KB)
<b>Interval: 3044.00 ft (KB) To 3070.00 ft (KB) (TVD)</b>	1906.00 ft (CF)
Total Depth: 3070.00 ft (KB) (TVD)	KB to GR/CF: 7.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

### Serial #: 8167 Inside

Press @ Run Depth:                      psig @ 3067.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2013.09.08      End Date: 2013.09.08	Last Calib.: 2013.09.08
Start Time: 10:45:01      End Time: 16:18:00	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30- I.F.- Weak surface blow died in 1 min  
 30- I.S.I. No blow back  
 30- F.F. No blow  
 30- F.S.I. No blow back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
25.00	MUD/ 100%M	0.35

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 54433

**DST#: 1**

ATTN: Bob O'Dell

Test Start: 2013.09.08 @ 10:45:00

## Tool Information

Drill Pipe:	Length: 3039.00 ft	Diameter: 3.80 inches	Volume: 42.63 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	44000.00 lb
			<u>Total Volume: 42.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3044.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	54.00 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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Change Over Sub	1.00			3017.00	
Shut In Tool	5.00			3022.00	
Hydraulic tool	5.00			3027.00	
Jars	5.00			3032.00	
Safety Joint	2.00			3034.00	
Packer	5.00			3039.00	28.00 Bottom Of Top Packer
Packer	5.00			3044.00	
Stubb	1.00			3045.00	
Perforations	22.00			3067.00	
Recorder	0.00	6625	Outside	3067.00	
Recorder	0.00	8167	Inside	3067.00	
Bullnose	3.00			3070.00	26.00 Bottom Packers & Anchor

**Total Tool Length: 54.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 54433

**DST#: 1**

ATTN: Bob O'Dell

Test Start: 2013.09.08 @ 10:45:00

## 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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	MUD / 100%M	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl

Num Fluid Samples: 0

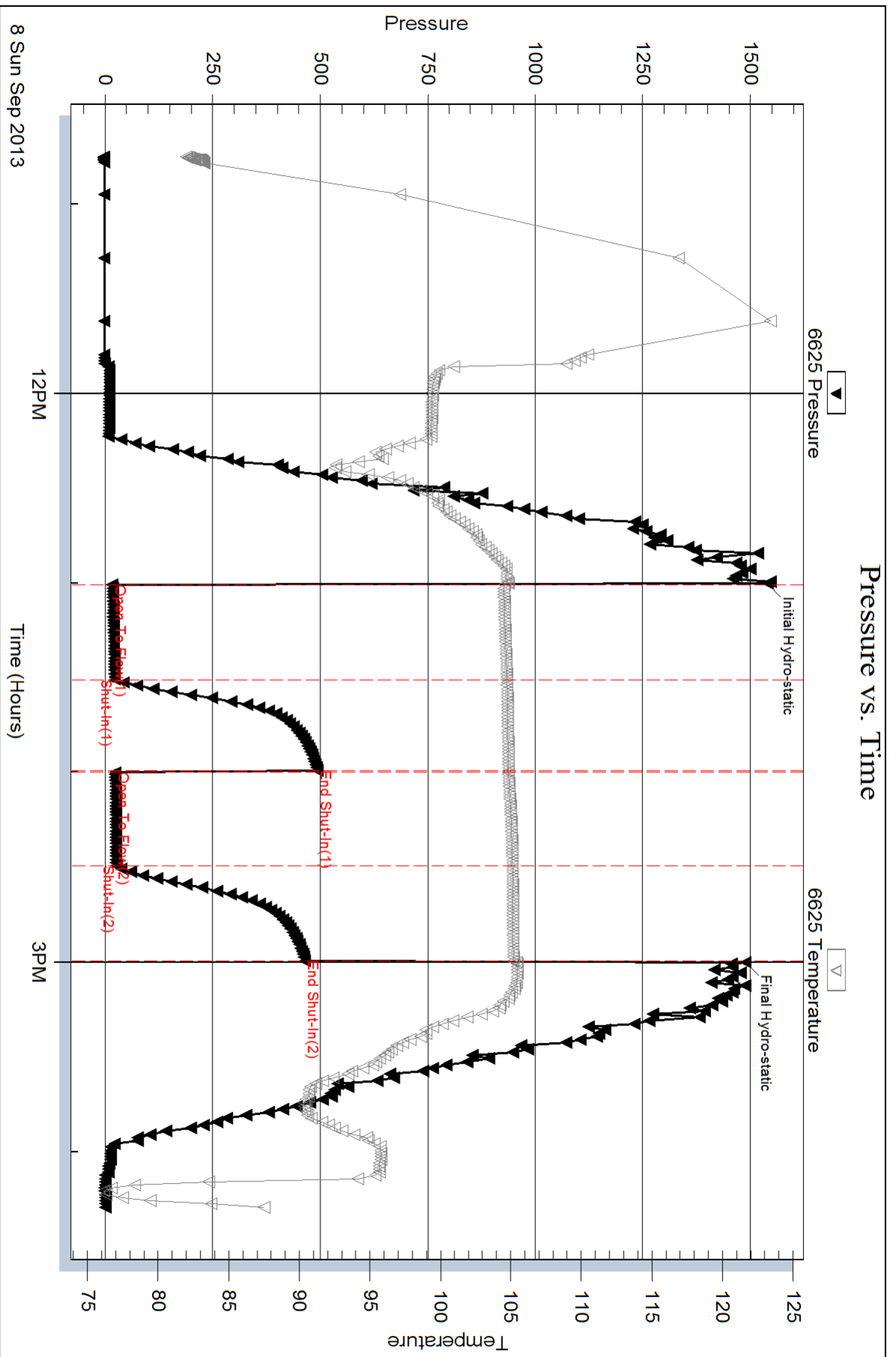
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





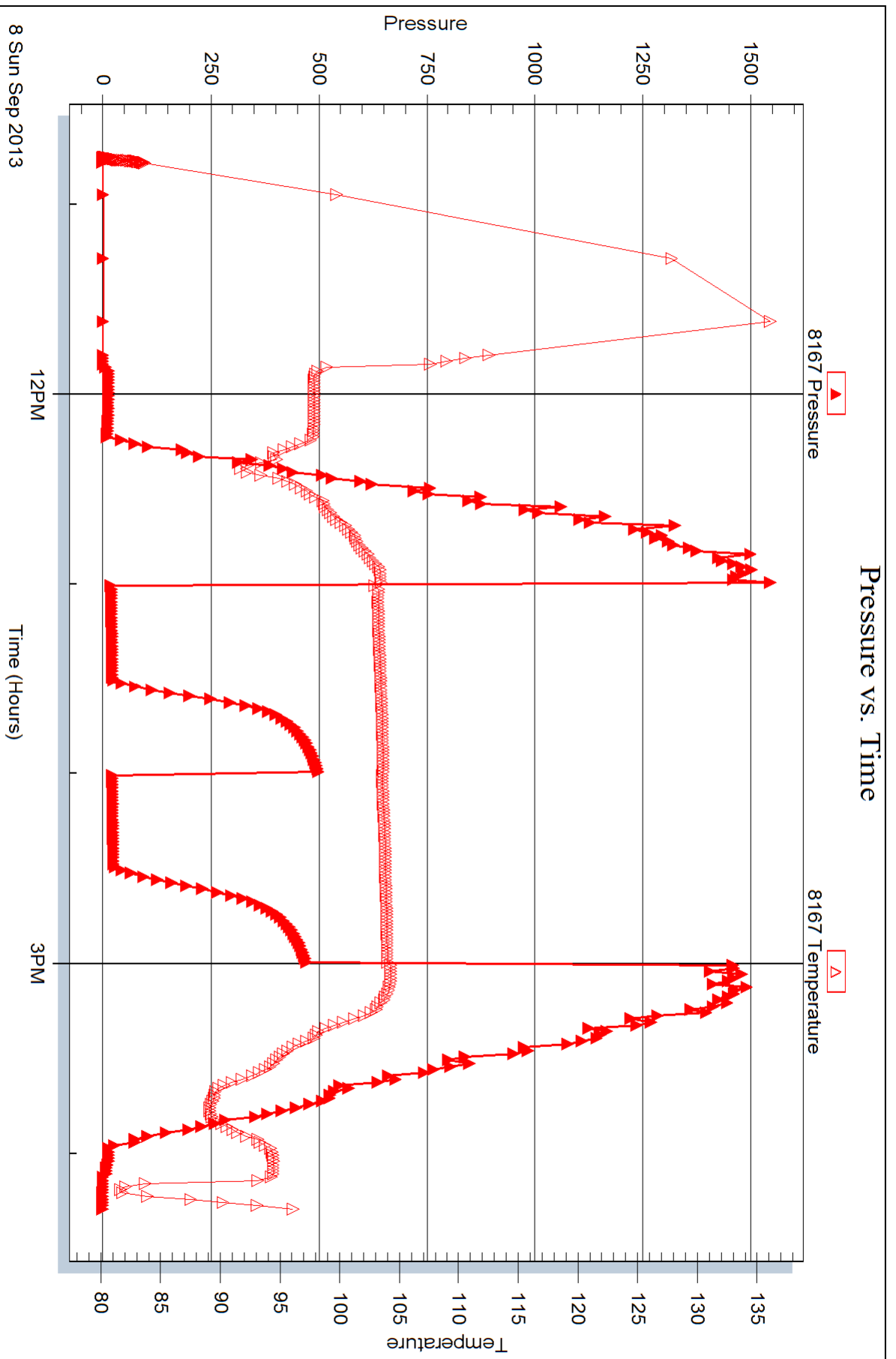
Serial #: 8167

Inside

Eagle Creek Corporation

Lynn #1-14

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N. Main Ste. 905  
Wichita KS 67202

ATTN: Bob O'Dell

**Lynn #1-14**

**14-11s-18w Ellis,KS**

Start Date: 2013.09.08 @ 23:57:00

End Date: 2013.09.09 @ 05:13:30

Job Ticket #: 54434                      DST #: 2

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

Printed: 2013.09.13 @ 10:34:04



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corporation  
 150 N. Main Ste. 905  
 Wichita KS 67202  
 ATTN: Bob O'Dell

**14-11s-18w Ellis,KS**  
**Lynn #1-14**  
 Job Ticket: 54434 **DST#: 2**  
 Test Start: 2013.09.08 @ 23:57:00

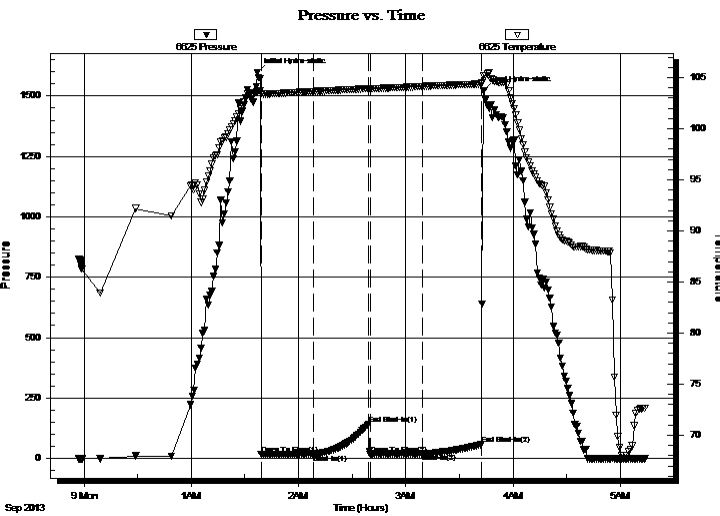
## GENERAL INFORMATION:

Formation: **Toronto**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:39:00  
 Time Test Ended: 05:13:30  
 Interval: **3091.00 ft (KB) To 3130.00 ft (KB) (TVD)**  
 Total Depth: 3130.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bob Hamel/Brannan Lo  
 Unit No: 67  
 Reference Elevations: 1913.00 ft (KB)  
 1906.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 6625 Outside

Press @ Run Depth: 19.86 psig @ 3126.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.09.08 End Date: 2013.09.09 Last Calib.: 2013.09.09  
 Start Time: 23:57:01 End Time: 05:13:30 Time On Btm: 2013.09.09 @ 01:37:00  
 Time Off Btm: 2013.09.09 @ 03:43:30

TEST COMMENT: 30- IF - Weak Surface blow died in 15 sec.  
 30- ISI - No blow back  
 30- FF - No blow  
 30- FSI - No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.55	103.68	Initial Hydro-static
2	16.86	103.46	Open To Flow (1)
32	19.02	103.64	Shut-In(1)
62	141.72	103.92	End Shut-In(1)
63	18.38	103.92	Open To Flow (2)
92	19.86	104.14	Shut-In(2)
125	57.88	104.37	End Shut-In(2)
127	1521.17	105.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M, 100% M	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corporation  
150 N. Main Ste. 905  
Wichita KS 67202  
ATTN: Bob O'Dell

**14-11s-18w Ellis, KS**  
**Lynn #1-14**  
Job Ticket: 54434      **DST#: 2**  
Test Start: 2013.09.08 @ 23:57:00

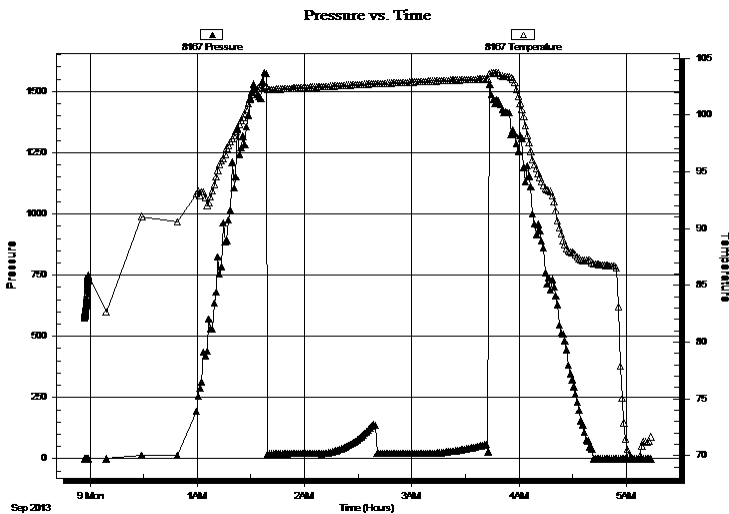
## GENERAL INFORMATION:

Formation: **Toronto**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 01:39:00  
Time Test Ended: 05:13:30  
Interval: **3091.00 ft (KB) To 3130.00 ft (KB) (TVD)**  
Total Depth: 3130.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 1913.00 ft (KB)  
1906.00 ft (CF)  
KB to GR/CF: 7.00 ft  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Bob Hamel/Brannan Lo  
Unit No: 67

## Serial #: 8167 Inside

Press @ Run Depth: psig @ 3126.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.09.08      End Date: 2013.09.09      Last Calib.: 2013.09.09  
Start Time: 23:57:01      End Time: 05:13:30      Time On Btm:  
Time Off Btm:

TEST COMMENT: 30- IF - Weak Surface blow died in 15 sec.  
30- ISI - No blow back  
30- FF - No blow  
30- FSI - No blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M, 100% M	0.07

\* 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 Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 54434

**DST#: 2**

ATTN: Bob O'Dell

Test Start: 2013.09.08 @ 23:57:00

## Tool Information

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.80 inches	Volume: 43.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 38000.00 lb
			Total Volume: 43.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3091.00 ft			Final 36500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 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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Change Over Sub	1.00			3064.00	
Shut In Tool	5.00			3069.00	
Hydraulic tool	5.00			3074.00	
Jars	5.00			3079.00	
Safety Joint	2.00			3081.00	
Packer	5.00			3086.00	28.00 Bottom Of Top Packer
Packer	5.00			3091.00	
Stubb	1.00			3092.00	
Perforations	2.00			3094.00	
Change Over Sub	1.00			3095.00	
Drill Pipe	31.00			3126.00	
Recorder	0.00	6625	Outside	3126.00	
Recorder	0.00	8167	Inside	3126.00	
Change Over Sub	1.00			3127.00	
Bullnose	3.00			3130.00	39.00 Bottom Packers & Anchor

**Total Tool Length: 67.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 54434

**DST#: 2**

ATTN: Bob O'Dell

Test Start: 2013.09.08 @ 23:57:00

## 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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M, 100% M	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

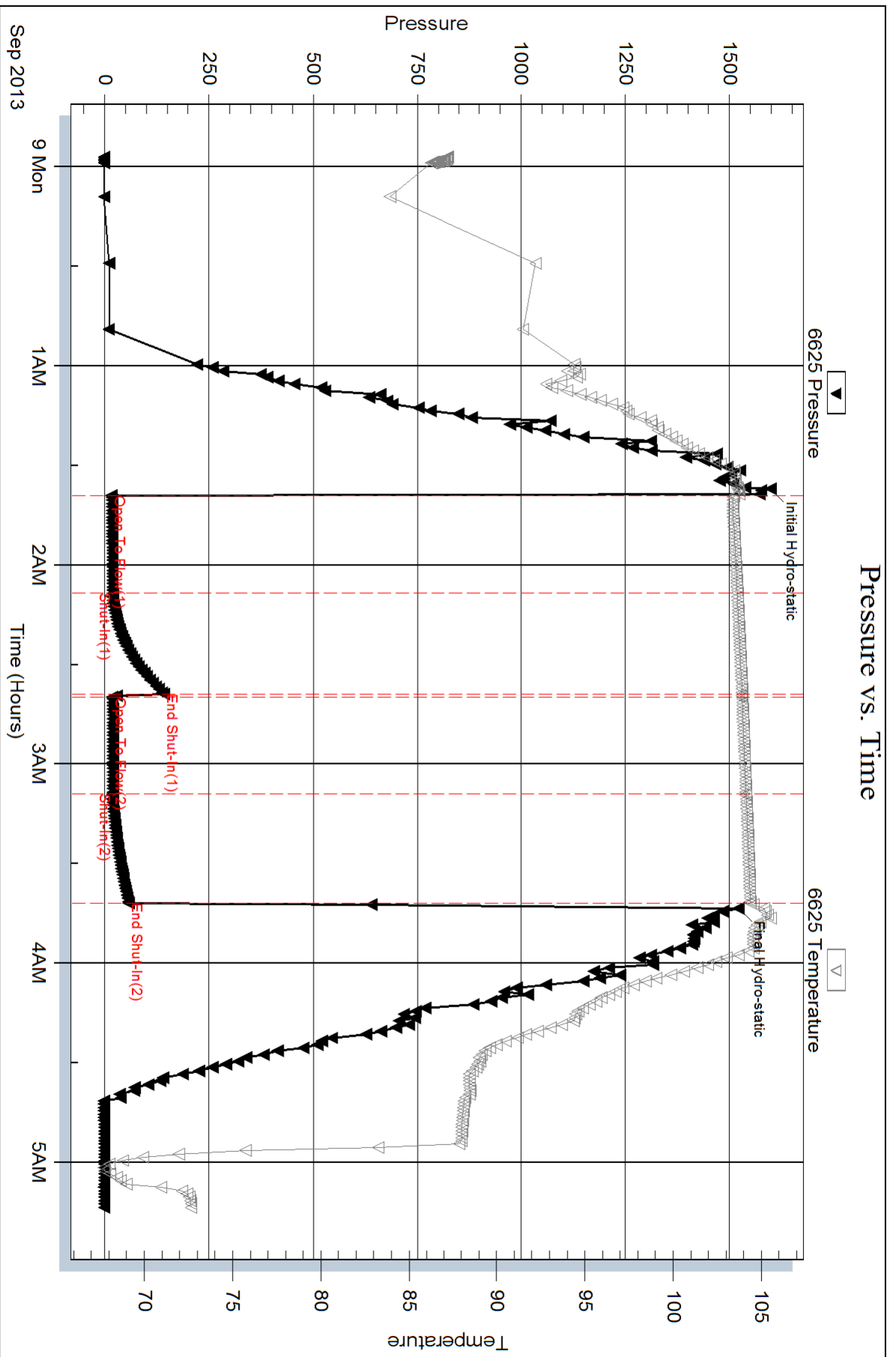
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



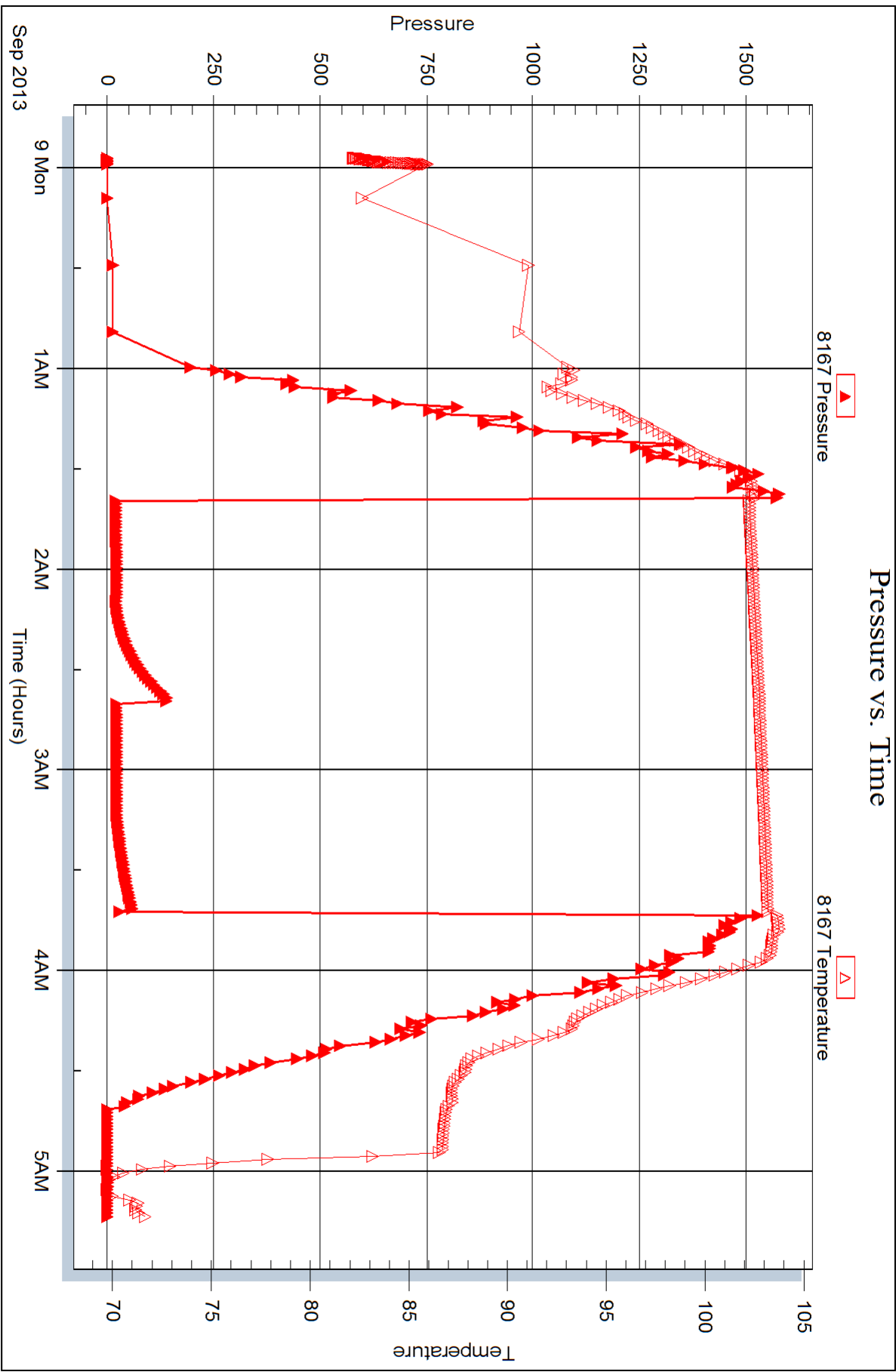
Serial #: 8167

Inside

Eagle Creek Corporation

Lynn #1-14

DST Test Number: 2







## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N. Main Ste. 905  
Wichita KS 67202

ATTN: Bob O'Dell

**Lynn #1-14**

**14-11s-18w Ellis,KS**

Start Date: 2013.09.09 @ 17:51:49

End Date: 2013.09.09 @ 22:03:19

Job Ticket #: 041761                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.13 @ 10:31:01



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corporation  
 150 N. Main Ste. 905  
 Wichita KS 67202  
 ATTN: Bob O'Dell

**14-11s-18w Ellis,KS**  
**Lynn #1-14**  
 Job Ticket: 041761 **DST#: 3**  
 Test Start: 2013.09.09 @ 17:51:49

## GENERAL INFORMATION:

Formation: **LKC E-F-G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:53:49  
 Time Test Ended: 22:03:19  
 Interval: **3203.00 ft (KB) To 3234.00 ft (KB) (TVD)**  
 Total Depth: 3234.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jeff Brown  
 Unit No: 67  
 Reference Elevations: 1913.00 ft (KB)  
 1906.00 ft (CF)  
 KB to GR/CF: 7.00 ft

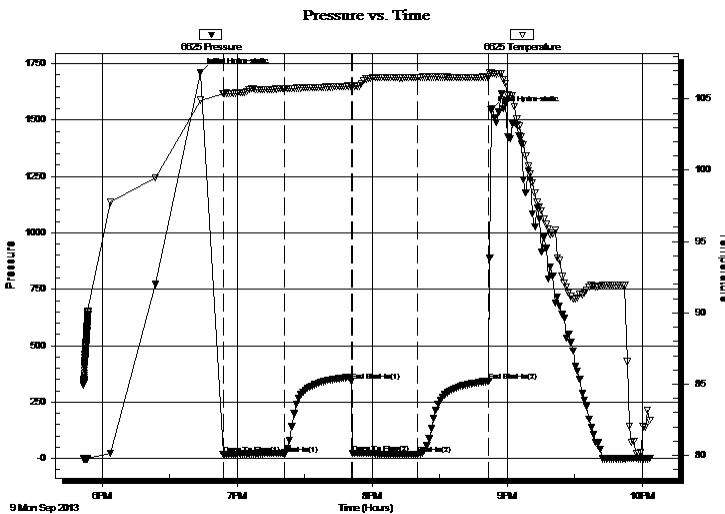
## Serial #: 6625

Outside

Press @ Run Depth: 19.91 psig @ 3207.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.09.09 End Date: 2013.09.09 Last Calib.: 2013.09.09  
 Start Time: 17:51:50 End Time: 22:03:19 Time On Btm: 2013.09.09 @ 18:43:49  
 Time Off Btm: 2013.09.09 @ 20:52:49

TEST COMMENT: IFP=Weak surface blow  
 ISI=Dead no blow back  
 FFP=Dead no blow  
 FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.51	104.92	Initial Hydro-static
10	19.18	105.36	Open To Flow (1)
37	20.10	105.73	Shut-In(1)
67	341.52	105.90	End Shut-In(1)
68	21.83	105.89	Open To Flow (2)
97	19.91	106.50	Shut-In(2)
128	342.49	106.54	End Shut-In(2)
129	1544.31	106.85	Final Hydro-static

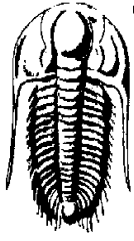
## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

\* Recovery from multiple tests

## Gas Rates

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



TRILOBITE  
TESTING, INC.

## DRILL STEM TEST REPORT

Eagle Creek Corporation  
150 N. Main Ste. 905  
Wichita KS 67202  
ATTN: Bob O'Dell

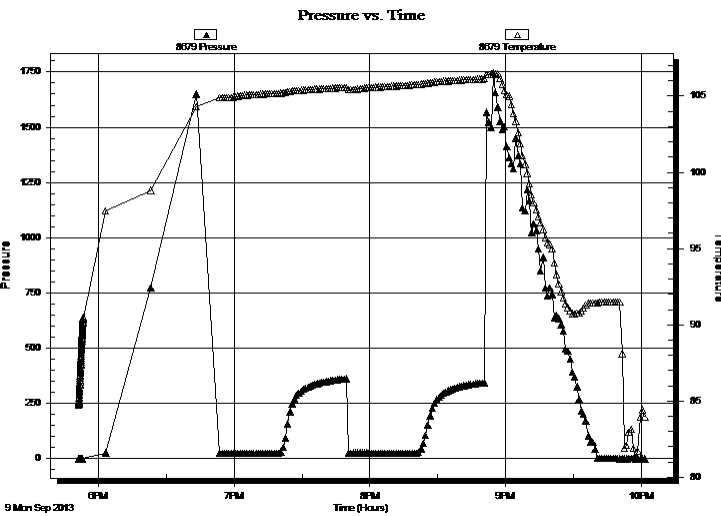
14-11s-18w Ellis, KS  
Lynn #1-14  
Job Ticket: 041761      **DST#: 3**  
Test Start: 2013.09.09 @ 17:51:49

### GENERAL INFORMATION:

Formation: **LKC E-F-G**  
Deviated: No Whipstock:                      ft (KB)                      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 18:53:49                      Tester: Jeff Brown  
Time Test Ended: 22:03:19                      Unit No: 67  
  
Interval: **3203.00 ft (KB) To 3234.00 ft (KB) (TVD)**                      Reference Elevations: 1913.00 ft (KB)  
Total Depth: 3234.00 ft (KB) (TVD)                      1906.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair                      KB to GR/CF: 7.00 ft

**Serial #: 8679**      **Inside**  
Press @ Run Depth:                      psig @ 3207.00 ft (KB)                      Capacity: 8000.00 psig  
Start Date: 2013.09.09                      End Date: 2013.09.09                      Last Calib.: 2013.09.09  
Start Time: 17:51:06                      End Time: 22:02:05                      Time On Btm:  
Time Off Btm:

TEST COMMENT: IFP=Weak surface blow  
ISI=Dead no blow back  
FFP=Dead no blow  
FSI=Dead no blow back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

### 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 Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 041761

**DST#: 3**

ATTN: Bob O'Dell

Test Start: 2013.09.09 @ 17:51:49

## Tool Information

Drill Pipe:	Length: 3197.00 ft	Diameter: 3.80 inches	Volume: 44.85 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 44.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3203.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	59.00 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			3176.00	
Shut In Tool	5.00			3181.00	
Hydraulic tool	5.00			3186.00	
Jars	5.00			3191.00	
Safety Joint	2.00			3193.00	
Packer	5.00			3198.00	28.00 Bottom Of Top Packer
Packer	5.00			3203.00	
Stubb	1.00			3204.00	
Perforations	3.00			3207.00	
Recorder	0.00	6625	Outside	3207.00	
Recorder	0.00	8679	Inside	3207.00	
Perforations	24.00			3231.00	
Bullnose	3.00			3234.00	31.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 041761

**DST#: 3**

ATTN: Bob O'Dell

Test Start: 2013.09.09 @ 17:51:49

## 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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

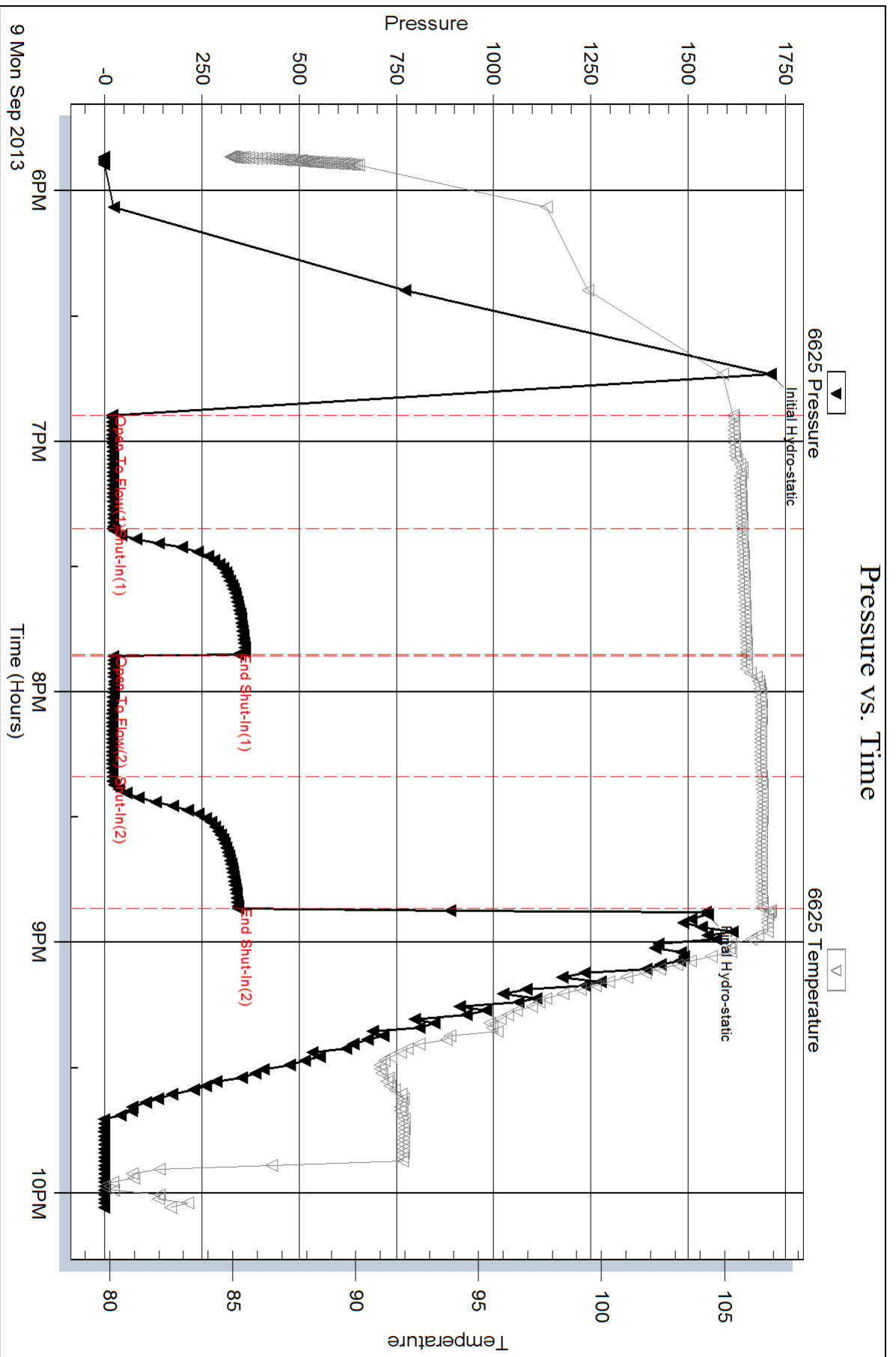
Recovery Comments:

Serial #: 6625

Outside Eagle Creek Corporation

Lynn #1-14

DST Test Number: 3



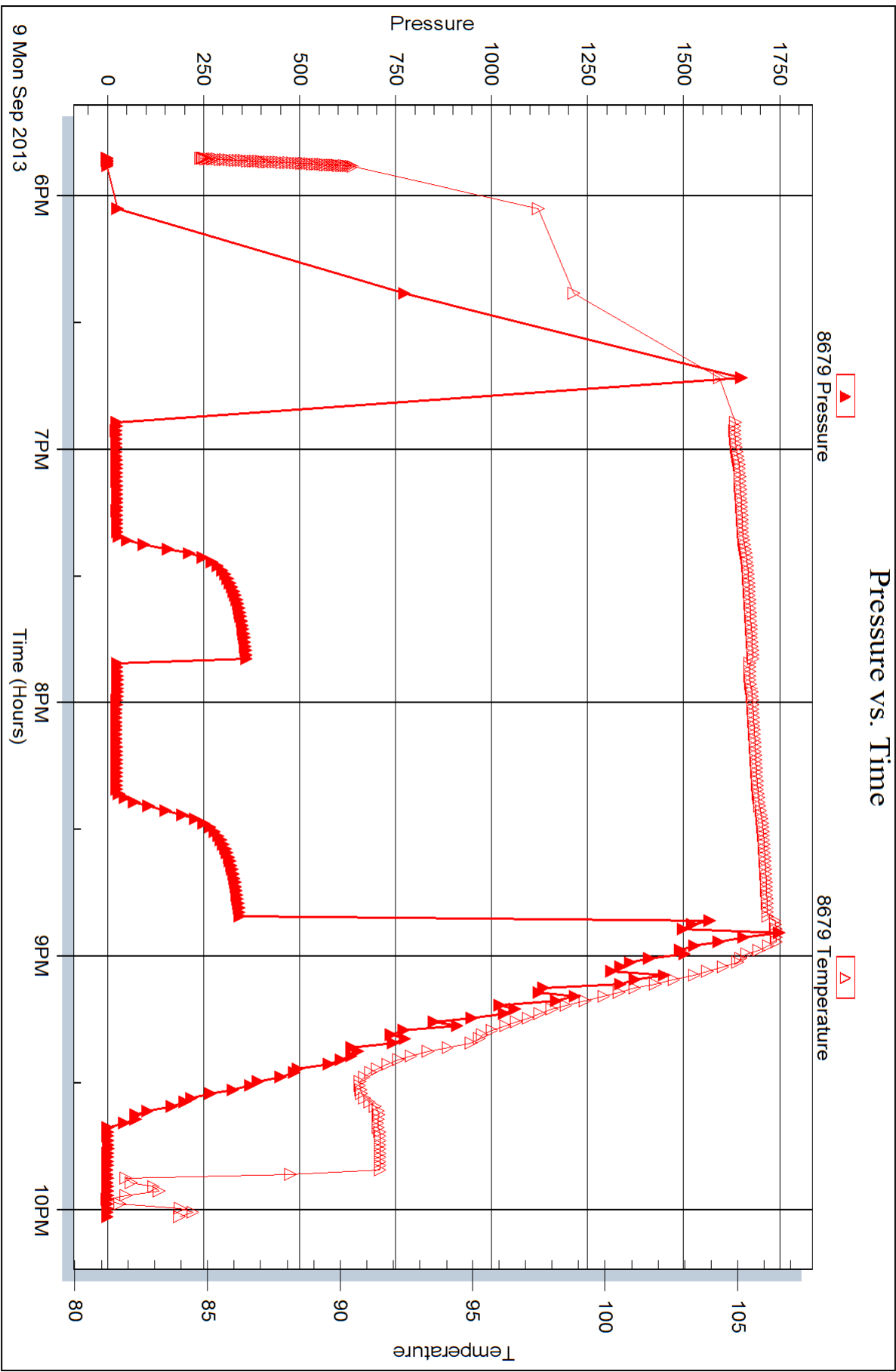
Serial #: 8679

Inside

Eagle Creek Corporation

Lynn #1-14

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N. Main Ste. 905  
Wichita KS 67202

ATTN: Bob O'Dell

**Lynn #1-14**

**14-11s-18w Ellis,KS**

Start Date: 2013.09.10 @ 20:40:45

End Date: 2013.09.11 @ 04:20:45

Job Ticket #: 041762                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.13 @ 10:30:22





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eagle Creek Corporation

14-11s-18w Ellis, KS

150 N. Main Ste. 905  
Wichita KS 67202

Lynn #1-14

ATTN: Bob O'Dell

Job Ticket: 041762

DST#: 4

Test Start: 2013.09.10 @ 20:40:45

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:00:15

Time Test Ended: 04:20:45

Test Type: Conventional Bottom Hole (Reset)

Tester: BOB HAMEL / BRANNAN

Unit No: 67

Interval: **3455.00 ft (KB) To 3470.00 ft (KB) (TVD)**

Reference Elevations: 1913.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

1906.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **6625** Outside

Press @ Run Depth: 749.87 psig @ 3457.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.10

End Date:

2013.09.11

Last Calib.:

2013.09.11

Start Time: 20:40:46

End Time:

04:20:45

Time On Btm:

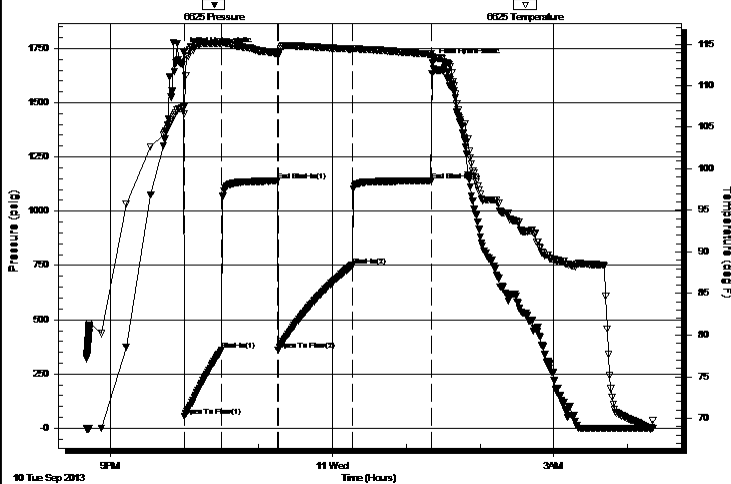
2013.09.10 @ 21:59:45

Time Off Btm:

2013.09.11 @ 01:21:45

TEST COMMENT: IFP=Strong blow BOB in 2 1/2 min  
ISI=Dead no blow back  
FFP=Strong blow BOB in 3 min  
FSI=Dead no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.20	107.41	Initial Hydro-static
1	53.72	106.60	Open To Flow (1)
31	360.27	115.01	Shut-In(1)
76	1138.81	113.85	End Shut-In(1)
77	359.73	113.62	Open To Flow (2)
137	749.87	114.38	Shut-In(2)
201	1139.10	113.78	End Shut-In(2)
202	1686.31	113.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1134.00	MW with a scum of oil 5%M 95%W	15.91
514.00	SGOCMW 5%G 5%O 40%M 50%W	7.21
0.00	189-GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Eagle Creek Corporation

14-11s-18w Ellis, KS

150 N. Main Ste. 905  
Wichita KS 67202

Lynn #1-14

Job Ticket: 041762

DST#: 4

ATTN: Bob O'Dell

Test Start: 2013.09.10 @ 20:40:45

### GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:00:15

Time Test Ended: 04:20:45

Test Type: Conventional Bottom Hole (Reset)

Tester: BOB HAMEL / BRANNAN

Unit No: 67

Interval: **3455.00 ft (KB) To 3470.00 ft (KB) (TVD)**

Reference Elevations: 1913.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

1906.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **8679** Inside

Press @ Run Depth: psig @ 3457.00 ft (KB)

Start Date: 2013.09.10 End Date: 2013.09.11

Start Time: 20:41:00 End Time: 04:19:59

Capacity: 8000.00 psig

Last Calib.: 2013.09.11

Time On Btm:

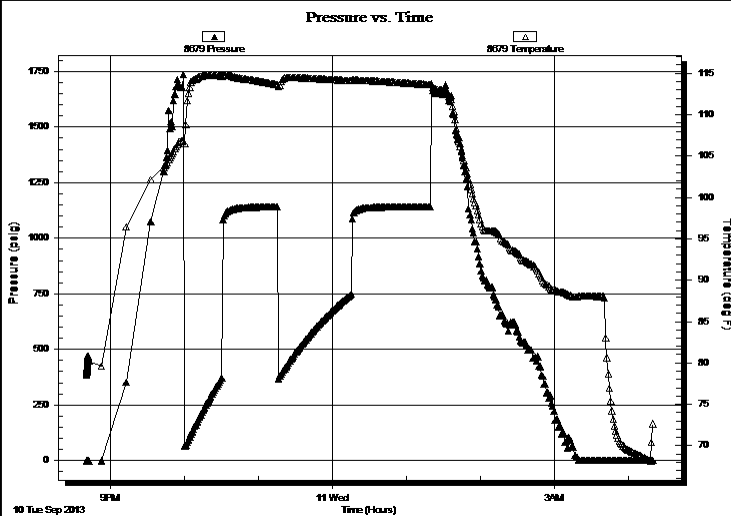
Time Off Btm:

TEST COMMENT: IFP=Strong blow BOB in 2 1/2 min

ISI=Dead no blow back

FFP=Strong blow BOB in 3 min

FSI=Dead no blow back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
1134.00	MW with a scum of oil 5%M 95%W	15.91
514.00	SGOCMW 5%G 5%O 40%M 50%W	7.21
0.00	189-GIP	0.00

### 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 Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 041762

**DST#: 4**

ATTN: Bob O'Dell

Test Start: 2013.09.10 @ 20:40:45

## Tool Information

Drill Pipe:	Length: 3452.00 ft	Diameter: 3.80 inches	Volume: 48.42 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 48.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3455.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	43.00 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			3428.00	
Shut In Tool	5.00			3433.00	
Hydraulic tool	5.00			3438.00	
Jars	5.00			3443.00	
Safety Joint	2.00			3445.00	
Packer	5.00			3450.00	28.00 Bottom Of Top Packer
Packer	5.00			3455.00	
Stubb	1.00			3456.00	
Perforations	1.00			3457.00	
Recorder	0.00	6625	Outside	3457.00	
Recorder	0.00	8679	Inside	3457.00	
Perforations	10.00			3467.00	
Bullnose	3.00			3470.00	15.00 Bottom Packers & Anchor

**Total Tool Length: 43.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**14-11s-18w Ellis,KS**

150 N. Main Ste. 905  
Wichita KS 67202

**Lynn #1-14**

Job Ticket: 041762

**DST#: 4**

ATTN: Bob O'Dell

Test Start: 2013.09.10 @ 20:40:45

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1134.00	MW w ith a scum of oil 5%M 95%W	15.907
514.00	SGOCMW 5%G 5%O 40%M 50%W	7.210
0.00	189-GIP	0.000

Total Length: 1648.00 ft      Total Volume: 23.117 bbl

Num Fluid Samples: 0

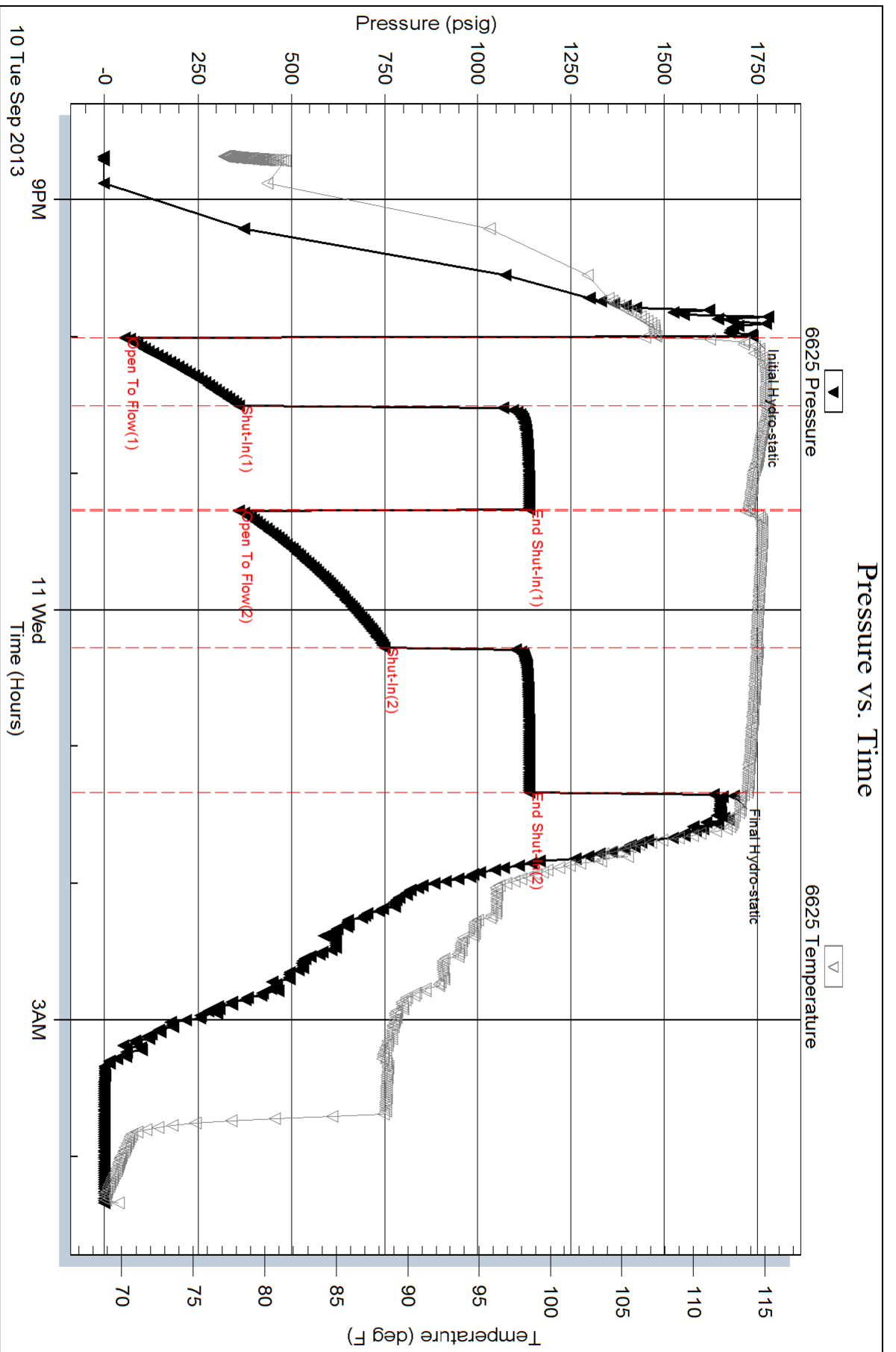
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



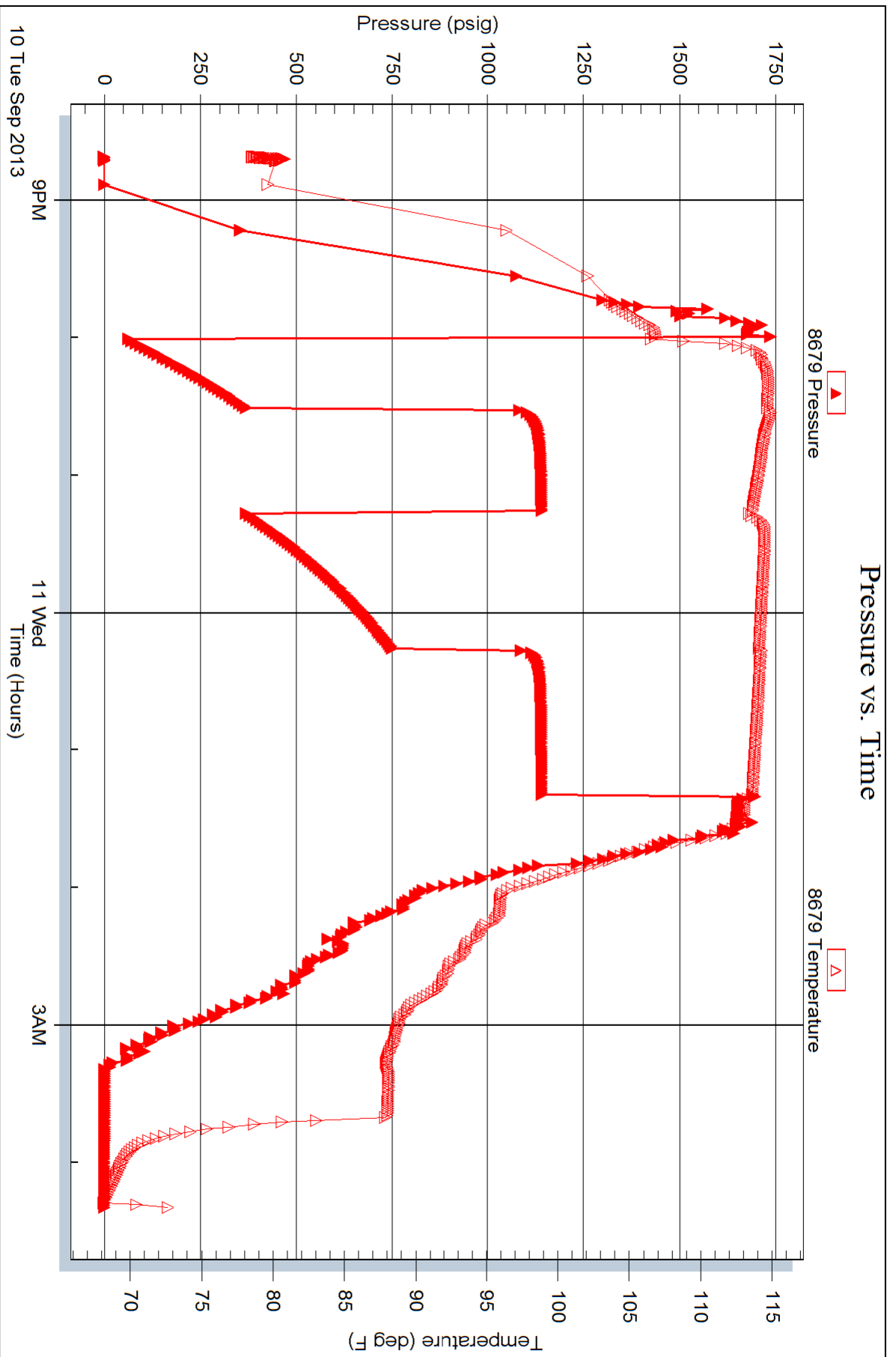
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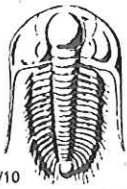
Inside

Eagle Creek Corporation

Lynn #1-14

DST Test Number: 4





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54433

Well Name & No. Lynn # 1-14 Test No. 1 Date 9-8-13  
 Company Eagle Creek Corporation Elevation 1911 KB 1906 GL  
 Address 150 N. Main Ste. 905 Wichita KS. 67202  
 Co. Rep / Geo. BOB Odell Rig Southwind 3  
 Location: Sec. 14 Twp. 11 S Rge. 18 W Co. E11.3 State KS.

Interval Tested 3044-3070 Zone Tested tupeha  
 Anchor Length 26' Drill Pipe Run 3,039 Mud Wt. 9.3  
 Top Packer Depth 3039 Drill Collars Run --- Vis 51  
 Bottom Packer Depth 3044 Wt. Pipe Run --- WL 8.0  
 Total Depth 3070 Chlorides 3,600 ppm System LCM 3

Blow Description 30-T.F.-W.S.B, DIED in 1 min.  
30-T.S.T. No B.B.  
30-F.F. No Blow / No Build  
30-F.S.T. No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>M</u>			<u>100</u>	

Rec Total 254 BHT 105 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1,539  Test 1150 T-On Location 10:05  
 (B) First Initial Flow 17  Jars 250 T-Started 10:45  
 (C) First Final Flow 22  Safety Joint 75 T-Open 13:01  
 (D) Initial Shut-In 493  Circ Sub --- T-Pulled 15:01  
 (E) Second Initial Flow 24  Hourly Standby --- T-Out 16:18  
 (F) Second Final Flow 26  Mileage 48 Rt. 40rt 62 Comments (Thank-You)  
 (G) Final Shut-In 464  Sampler ---  
 (H) Final Hydrostatic 1488  Straddle ---  Ruined Shale Packer ---  
 Shale Packer ---  Ruined Packer ---  
 Extra Packer ---  Extra Copies ---  
 Extra Recorder --- Sub Total 0  
 Day Standby --- Total 1537  
 Accessibility --- MP/DST Disc't ---

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

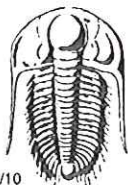
Sub Total 1537

Approved By \_\_\_\_\_

Our Representative Bob Odell / Brennan L

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. 54434

Well Name & No. Lynn #1-14 Test No. 2 Date 9-8-13  
 Company Eagle Creek Corporation Elevation 1918 KB 1906 GL  
 Address 150 N. main ste 905 Wichita K.S. 67202  
 Co. Rep / Geo. Bob Odell Rig Southwind Rig 3  
 Location: Sec. 14 Twp. 11 S Rge. 18 W Co. Ellis State KS

Interval Tested 3091 - 3130 Zone Tested toronto  
 Anchor Length 39 Drill Pipe Run 3071 Mud Wt. 9.3  
 Top Packer Depth ~~3086~~ 3086 Drill Collars Run \_\_\_\_\_ Vis 51  
 Bottom Packer Depth ~~3091~~ 3091 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 3130 Chlorides 3,600 ppm System LCM 3

Blow Description 30-Initial flow - W.S.B. Died in 15 sec.  
30-Initial shut in - No B.B.  
30-Final flow - No Blow / no Build  
30-Final shut in - No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</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 5 ft. BHT 104° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1,598  Test 1150 T-On Location 23:55:00  
 (B) First Initial Flow 17  Jars 250 T-Started 23:57  
 (C) First Final Flow 19  Safety Joint 75 T-Open 01:39  
 (D) Initial Shut-In 142  Circ Sub \_\_\_\_\_ T-Pulled 03:39  
 (E) Second Initial Flow 18  Hourly Standby \_\_\_\_\_ T-Out 05:14  
 (F) Second Final Flow 20  Mileage 48 Rt 62 Comments (Thank-you)  
 (G) Final Shut-In 58  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1521  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 1537  
 Total 1537  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Robt Harris / Braussen L

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





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041761

Well Name & No. Lynn #1-14 Test No. 3 Date 9-9-13  
 Company Eagle Creek Corporation Elevation 1913 KB 1906 GL  
 Address 150 N Main STE 905 Wichita KS 67202  
 Co. Rep / Geo. Bob O'Dell Rig Southwind #3  
 Location: Sec. 14 Twp. 11s Rge. 18W Co. ELLIS State Ks

Interval Tested 3203 - 3234 Zone Tested Lansing - E, F, G  
 Anchor Length 31 Drill Pipe Run 3197 Mud Wt. 9.3  
 Top Packer Depth 3198 Drill Collars Run 0 Vis 58  
 Bottom Packer Depth 3203 Wt. Pipe Run 0 WL 7.6  
 Total Depth 3234 Chlorides 3600 ppm System LCM 3

Blow Description IF-Weak Surface Blow  
ISI-Dead No Blow Back  
FR-Dead No Blow  
FSI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MUD</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 107 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1712</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>17:25</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>17:51</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>18:50</u>
(D) Initial Shut-In <u>342</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>20:50</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>22:03</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage 40rt 62	Comments _____
(G) Final Shut-In <u>342</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>1544</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1537</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1537</u>	

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

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



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041762

Well Name & No. Lynn #1-14 Test No. 4 Date 9-10-13  
 Company Eagle Creek Corporation Elevation 1913 KB 1906 GL  
 Address 150 N Main Ste 905 Wichita KS 67202  
 Co. Rep / Geo. Bob Odell Rig Southwind #3  
 Location: Sec. 14 Twp. 11s Rge. 18W Co. ELLIS State KS

Interval Tested 3455 - 3470 Zone Tested AR Buckle  
 Anchor Length 15 Drill Pipe Run 3452 Mud Wt. 9.4  
 Top Packer Depth 3450 Drill Collars Run 0 Vis 65  
 Bottom Packer Depth 3455 Wt. Pipe Run 0 WL 7.8  
 Total Depth 3470 Chlorides 3500 ppm System LCM 2

Blow Description FF-Strong Blow Bob IN 2 1/2 min  
FSI-Dead No Blow Back  
FF-Strong Blow Bob IN 3 min  
FSI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1134</u>	<u>Feet of MW with A Scum of oil</u>			<u>95</u>	<u>5</u>
<u>514</u>	<u>Feet of SGOC MW</u>	<u>5</u>	<u>5</u>	<u>50</u>	<u>40</u>
Rec	Feet of <u>189-GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1648 BHT 114 Gravity \_\_\_\_\_ API RW. .205 @ 69.5° F Chlorides 34,000 ppm

(A) Initial Hydrostatic <u>1736</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>20:32</u>
(B) First Initial Flow <u>54</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:40</u>
(C) First Final Flow <u>360</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:00</u>
(D) Initial Shut-In <u>1139</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1:15</u>
(E) Second Initial Flow <u>360</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:20</u>
(F) Second Final Flow <u>750</u>	<input checked="" type="checkbox"/> Mileage <u>124</u>	Comments <u>Loaded Tool's @</u>
(G) Final Shut-In <u>1139</u>	<input type="checkbox"/> Sampler _____	<u>11:30 on 9-11-13</u>
(H) Final Hydrostatic <u>1686</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>600</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>600</u>	<input type="checkbox"/> Day Standby _____	Total <u>1599</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1599</u>	

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



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6893

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-11-13	14	11	18	Ellis	KS		10:00PM

Location *Hays Mt to River Rd 2 E 1/2*

Lease <i>Lynn</i>	Well No. <i>1-14</i>	Owner
Contractor <i>South wind</i>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <i>Plug</i>		
Hole Size <i>7 7/8</i>	T.D.	Charge To <i>Eagle-Creek Resources Corp.</i>
Csg.	Depth	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <i>255 sx 60/40 4% gel 1/4" # Flow</i>
Meas Line	Displace	

**EQUIPMENT**

Pumptrk <i>17</i>	No.	Cementer	Common <i>153</i>
		Helper <i>Cody</i>	Poz. Mix <i>102</i>
Bulktrk <i>3</i>	No.	Driver <i>Lonnie M.</i>	Gel. <i>9</i>
		Driver <i>Travis</i>	Calcium

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal <i>63#</i>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<i>1st 50sx at 3467</i>	Sand
<i>2nd 25sx at 1210</i>	Handling <i>264</i>
<i>3rd 100sx at 605</i>	Mileage
<i>4th 40sx at 315</i>	<b>FLOAT EQUIPMENT</b>
<i>5th 10sx at 40 with wood plug</i>	Guide Shoe
<i>30sx Rat hole</i>	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	<i>1 wood Plug</i>
	Pumptrk Charge <i>plug</i>
	Mileage <i>18</i>
	Tax
	Discount
	Total Charge

X Signature *Gary Shivers*





**CONSOLIDATED**  
Oil Well Services, LLC

261989

TICKET NUMBER 38029

LOCATION Oak Hills

FOREMAN Fuzzie

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-4-13	2776	Lynn 1-14	14	115	18w	Ellis
CUSTOMER Eagle Creek			Kays w-River			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Greg D		
			466	Jeremy E		
CITY	STATE	ZIP CODE				
			26 1125 win			

JOB TYPE sur face HOLE SIZE 12 1/4 HOLE DEPTH 263' CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 262' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 15.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on southwind #3. Rig up and circulate  
mix 190SKS Class 'A' 3% Cel 2% cel. Displace 15 1/2 BBL  
and shut in.

cement did circulate approx 5 BBLs to pit

Thanks Fuzzie + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150 <sup>00</sup>	1150 <sup>00</sup> ✓
5406	40 miles	MILEAGE	525	210 <sup>00</sup> ✓
5407A	10 tow	Tow mileage Actuary	74.92	749 <sup>20</sup> ✓
11045	190 SKS	Class 'A'	1832	3524 <sup>20</sup> ✓
1102	536*	Calcium Chloride	1.94	503 <sup>84</sup> ✓
1118B	357*	Bentonite	1.27	96 <sup>39</sup> ✓
		Subtotal		6233 <sup>93</sup>
				6233 <sup>89</sup> ✓
		less 1090		
		Subtotal		5610 <sup>54</sup>
			SALES TAX	228.31 ✓
			ESTIMATED	
			TOTAL	5838.85 ✓

Ravin 3737

**completed**

AUTHORIZATION Jay [signature]

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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.

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



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 11, 2013

DAVE CALLEWAERT  
Eagle Creek Corporation  
8100 EAST 22ND STREET NORTH  
BUILDING 1500 SUITE A  
WICHITA, KS 67226

Re: ACO1  
API 15-051-26592-00-00  
LYNN 1-14  
SE/4 Sec.14-11S-18W  
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
DAVE CALLEWAERT