

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

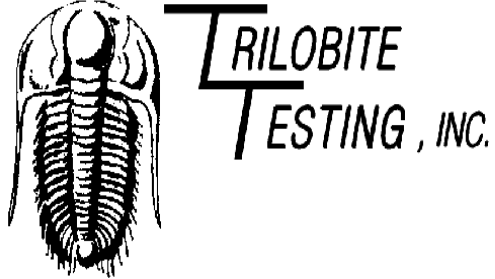
1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

ATTN: Rocky Milford

Decker #1-6

6-17s-34w Scott,KS

Start Date: 2018.03.08 @ 23:41:00

End Date: 2018.03.09 @ 07:22:35

Job Ticket #: 64113 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.03.16 @ 09:48:30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Eagle Creek Corp.
8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226
ATTN: Rocky Milford

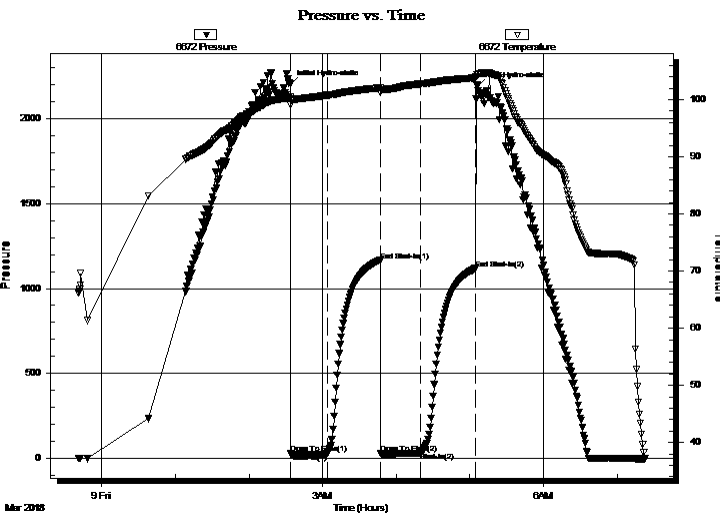
6-17s-34w Scott,KS
Decker #1-6
Job Ticket: 64113 **DST#: 1**
Test Start: 2018.03.08 @ 23:41:00

GENERAL INFORMATION:

Formation: **LKC I**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:33:55
Time Test Ended: 07:22:35
Interval: **4279.00 ft (KB) To 4320.00 ft (KB) (TVD)**
Total Depth: 4320.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 75
Reference Elevations: 3164.00 ft (KB)
3159.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
Press@RunDepth: 33.69 psig @ 4284.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.03.08 End Date: 2018.03.09 Last Calib.: 2018.03.09
Start Time: 23:41:02 End Time: 07:22:34 Time On Btm: 2018.03.09 @ 02:33:30
Time Off Btm: 2018.03.09 @ 05:05:54

TEST COMMENT: IF: 1/4" in 10 min., weak surface blow
IS: No blow back
FF: No blow
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2202.28	100.44	Initial Hydro-static
1	29.27	98.99	Open To Flow (1)
31	28.41	100.74	Shut-In(1)
74	1162.38	102.03	End Shut-In(1)
74	28.30	101.27	Open To Flow (2)
107	33.69	102.72	Shut-In(2)
151	1115.83	103.77	End Shut-In(2)
153	2191.38	104.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 5%O,95%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

6-17s-34w Scott,KS

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

Decker #1-6

Job Ticket: 64113

DST#: 1

ATTN: Rocky Milford

Test Start: 2018.03.08 @ 23:41:00

Tool Information

Drill Pipe:	Length: 4160.00 ft	Diameter: 3.80 inches	Volume: 58.35 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4279.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4252.00	
Shut In Tool	5.00			4257.00	
Hydraulic tool	5.00			4262.00	
Jars	5.00			4267.00	
Safety Joint	3.00			4270.00	
Packer	5.00			4275.00	28.00 Bottom Of Top Packer
Packer	4.00			4279.00	
Stubb	1.00			4280.00	
Perforations	1.00			4281.00	
Perforations	3.00			4284.00	
Recorder	0.00	8289	Outside	4284.00	
Recorder	0.00	6672	Inside	4284.00	
Change Over Sub	1.00			4285.00	
Drill Pipe	31.00			4316.00	
Change Over Sub	1.00			4317.00	
Bullnose	3.00			4320.00	41.00 Bottom Packers & Anchor
Total Tool Length:	69.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

6-17s-34w Scott,KS

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

Decker #1-6

Job Ticket: 64113

DST#: 1

ATTN: Rocky Milford

Test Start: 2018.03.08 @ 23:41:00

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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 5%O,95%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

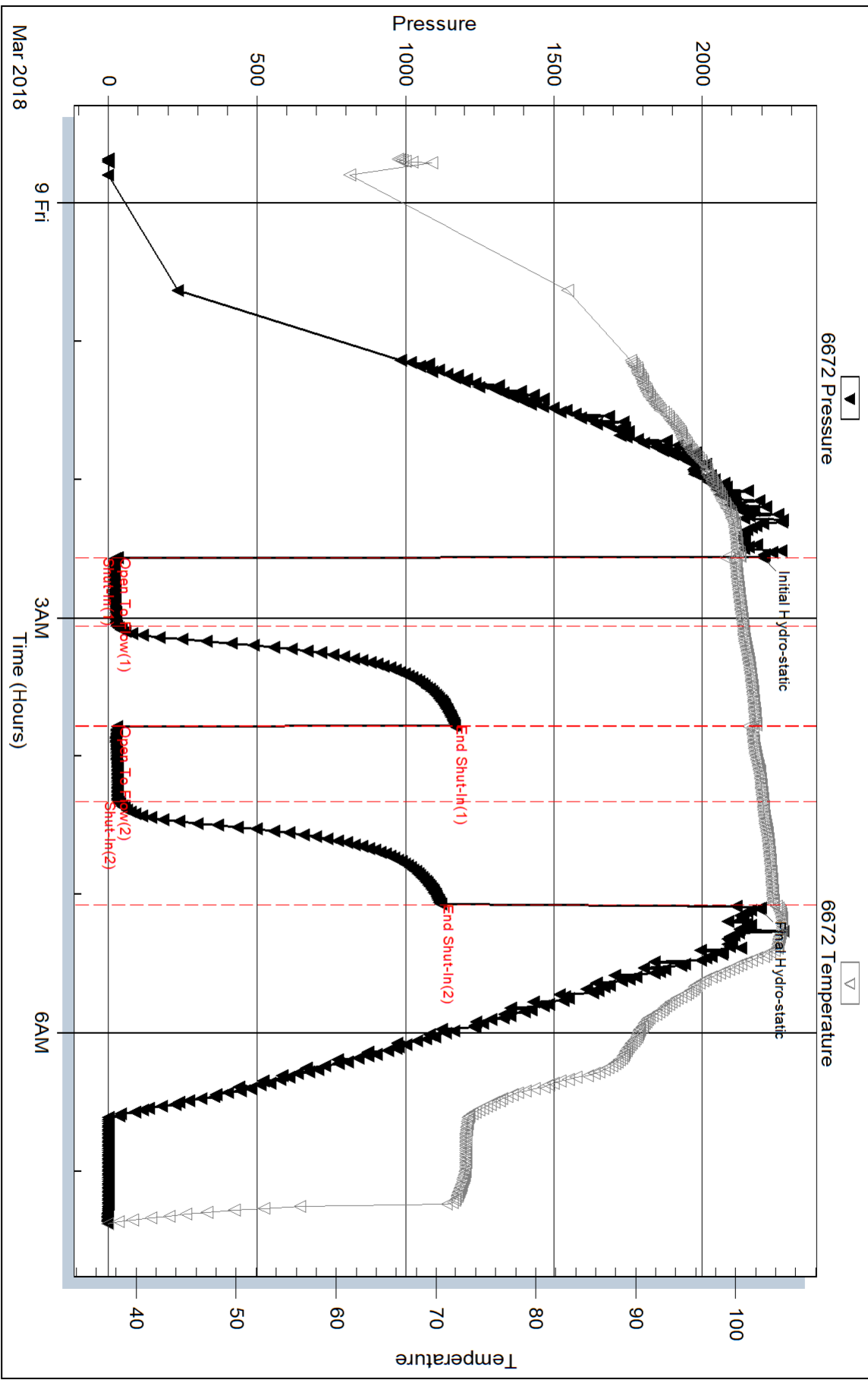
Serial #:

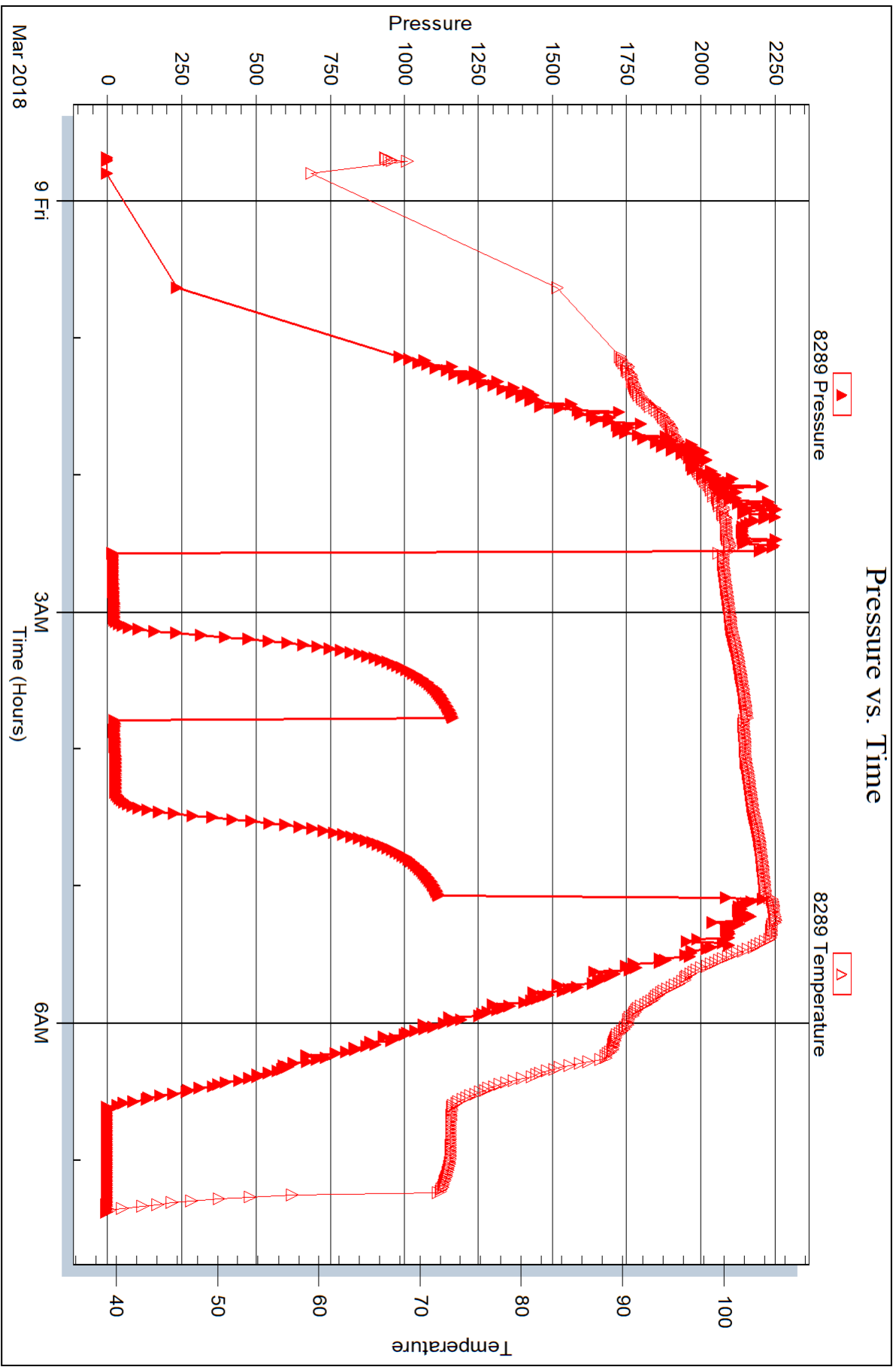
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

ATTN: Rocky Milford

Decker #1-6

6-17s-34w Scott,KS

Start Date: 2018.03.10 @ 06:36:00

End Date: 2018.03.10 @ 12:28:45

Job Ticket #: 64114 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.03.16 @ 09:48:06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corp.
 8100 E 22ND St. North, Building 1500 Suite A
 Wichita, KS 67226
 ATTN: Rocky Milford

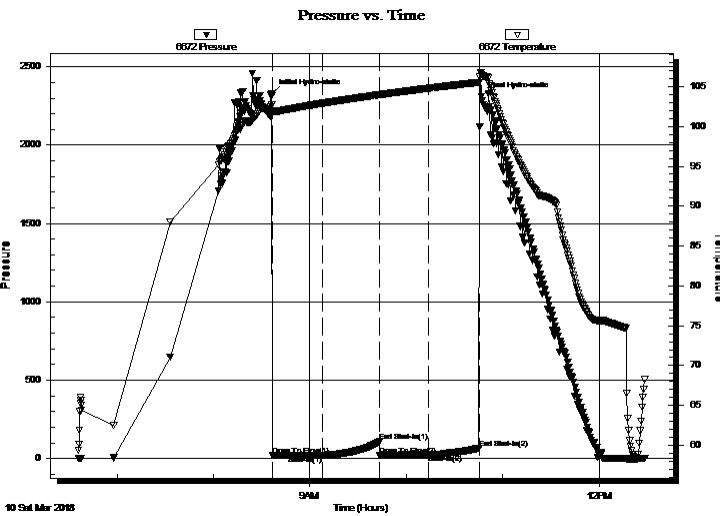
6-17s-34w Scott,KS
Decker #1-6
 Job Ticket: 64114 **DST#: 2**
 Test Start: 2018.03.10 @ 06:36:00

GENERAL INFORMATION:

Formation: **Marmaton A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:36:45
 Time Test Ended: 12:28:45
 Interval: **4462.00 ft (KB) To 4512.00 ft (KB) (TVD)**
 Total Depth: 4512.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 75
 Reference Elevations: 3164.00 ft (KB)
 3159.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 24.09 psig @ 4464.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.10 End Date: 2018.03.10 Last Calib.: 2018.03.10
 Start Time: 06:36:02 End Time: 12:28:45 Time On Btm: 2018.03.10 @ 08:36:25
 Time Off Btm: 2018.03.10 @ 10:47:05

TEST COMMENT: IF: Weak surface blow , died 7 min.
 IS: No blow back
 FF: No blow
 FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2326.86	102.68	Initial Hydro-static
1	20.71	101.93	Open To Flow (1)
32	20.18	102.92	Shut-In(1)
67	106.58	103.99	End Shut-In(1)
67	20.68	103.95	Open To Flow (2)
98	24.09	104.79	Shut-In(2)
130	66.25	105.53	End Shut-In(2)
131	2308.50	106.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	SOCM 5%O,95%M	0.01

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corp.
 8100 E 22ND St. North, Building 1500 Suite A
 Wichita, KS 67226
 ATTN: Rocky Milford

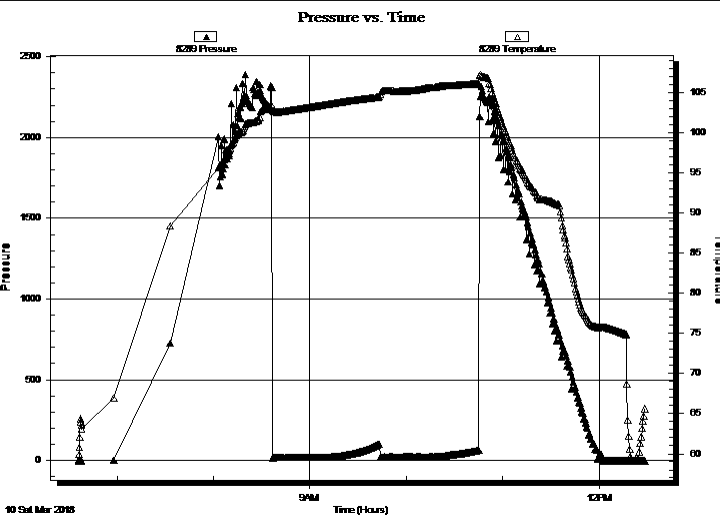
6-17s-34w Scott,KS
Decker #1-6
 Job Ticket: 64114 **DST#: 2**
 Test Start: 2018.03.10 @ 06:36:00

GENERAL INFORMATION:

Formation: **Marmaton A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:36:45
 Time Test Ended: 12:28:45
Interval: 4462.00 ft (KB) To 4512.00 ft (KB) (TVD)
 Total Depth: 4512.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 75
 Reference Elevations: 3164.00 ft (KB)
 3159.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8289 Outside
 Press@RunDepth: psig @ 4464.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.10 End Date: 2018.03.10 Last Calib.: 1899.12.30
 Start Time: 06:36:02 End Time: 12:28:55 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak surface blow , died 7 min.
 IS: No blow back
 FF: No blow
 FS: No blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
3.00	SOCM 5% O, 95% M	0.01

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

6-17s-34w Scott,KS

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

Decker #1-6

Job Ticket: 64114

DST#: 2

ATTN: Rocky Milford

Test Start: 2018.03.10 @ 06:36:00

Tool Information

Drill Pipe:	Length: 4350.00 ft	Diameter: 3.80 inches	Volume: 61.02 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4462.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	74.00 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			4440.00	
Shut In Tool	5.00			4445.00	
Hydraulic tool	5.00			4450.00	
Safety Joint	3.00			4453.00	
Packer	5.00			4458.00	23.00 Bottom Of Top Packer
Packer	4.00			4462.00	
Stubb	1.00			4463.00	
Perforations	1.00			4464.00	
Recorder	0.00	8289	Outside	4464.00	
Recorder	0.00	6672	Inside	4464.00	
Perforations	12.00			4476.00	
Change Over Sub	1.00			4477.00	
Drill Pipe	32.00			4509.00	
Change Over Sub	1.00			4510.00	
Bullnose	3.00			4513.00	51.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

6-17s-34w Scott,KS

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

Decker #1-6

Job Ticket: 64114

DST#: 2

ATTN: Rocky Milford

Test Start: 2018.03.10 @ 06:36:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	SOCM 5%O,95%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

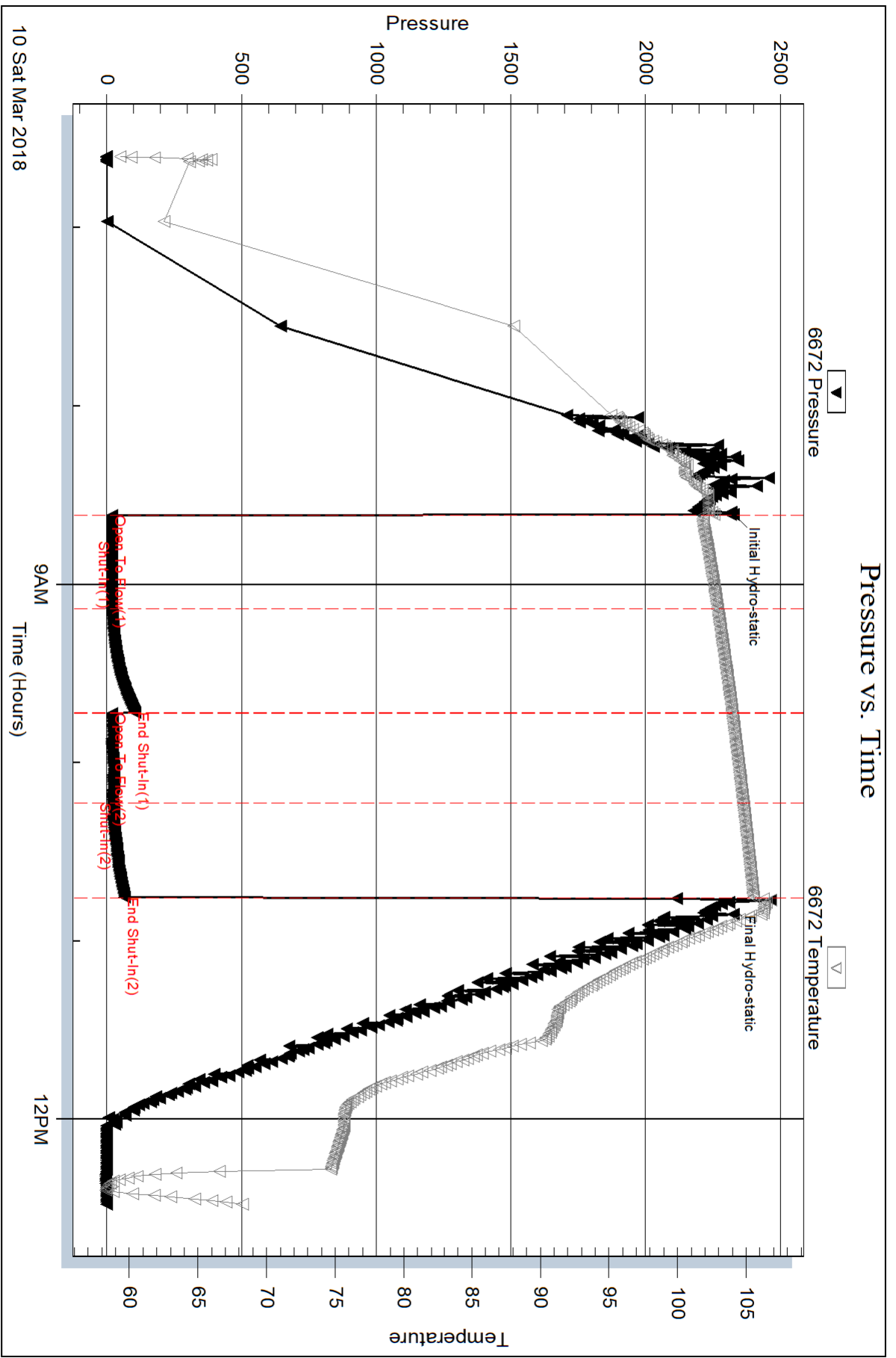
Num Gas Bombs: 0

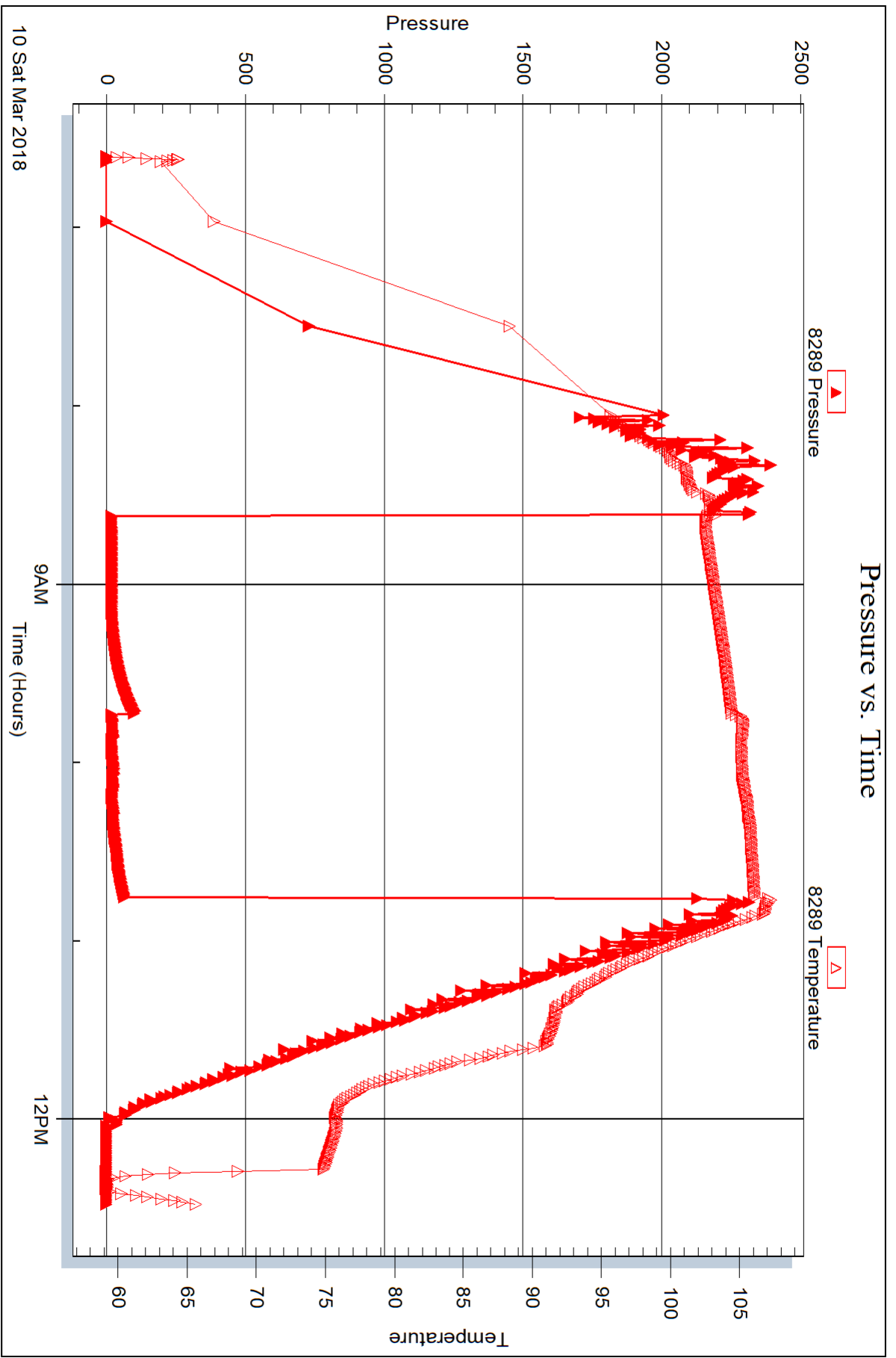
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

ATTN: Rocky Milford

Decker #1-6

6-17s-34w Scott,KS

Start Date: 2018.03.10 @ 20:30:00

End Date: 2018.03.11 @ 06:25:04

Job Ticket #: 64115 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.03.16 @ 09:47:43



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corp.
 8100 E 22ND St. North, Building 1500 Suite A
 Wichita, KS 67226
 ATTN: Rocky Milford

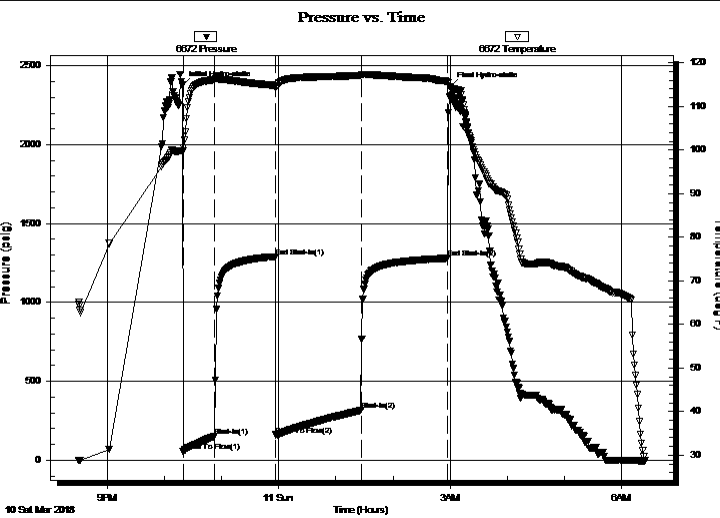
6-17s-34w Scott,KS
Decker #1-6
 Job Ticket: 64115 **DST#: 3**
 Test Start: 2018.03.10 @ 20:30:00

GENERAL INFORMATION:

Formation: **Marmaton B-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:19:45
 Time Test Ended: 06:25:04
 Interval: **4508.00 ft (KB) To 4527.00 ft (KB) (TVD)**
 Total Depth: 4527.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 75
 Reference Elevations: 3164.00 ft (KB)
 3159.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 315.78 psig @ 4510.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.10 End Date: 2018.03.11 Last Calib.: 2018.03.10
 Start Time: 20:30:02 End Time: 06:25:04 Time On Btm: 2018.03.10 @ 22:19:05
 Time Off Btm: 2018.03.11 @ 03:00:24

TEST COMMENT: IF: BOB 9 min., strong steady blow
 IS: Blow back 1 min., 7 1/2" in 60 min.
 FF: BOB 6 min., strong steady blow
 FS: Blow back 2 min., 1/2" in 90 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.66	99.92	Initial Hydro-static
1	56.35	99.76	Open To Flow (1)
34	151.37	116.16	Shut-In(1)
98	1290.85	114.78	End Shut-In(1)
98	160.52	114.34	Open To Flow (2)
188	315.78	117.08	Shut-In(2)
278	1280.39	115.74	End Shut-In(2)
282	2366.11	114.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
439.00	GO 10%G,90%O	5.06
310.00	GSOCW 5%G,5%O,90%W	4.35

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

6-17s-34w Scott,KS

8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226

Decker #1-6

Job Ticket: 64115

DST#: 3

ATTN: Rocky Milford

Test Start: 2018.03.10 @ 20:30:00

Tool Information

Drill Pipe:	Length: 4385.00 ft	Diameter: 3.80 inches	Volume: 61.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 62.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4508.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	42.00 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			4486.00	
Shut In Tool	5.00			4491.00	
Hydraulic tool	5.00			4496.00	
Safety Joint	3.00			4499.00	
Packer	5.00			4504.00	23.00 Bottom Of Top Packer
Packer	4.00			4508.00	
Stubb	1.00			4509.00	
Perforations	1.00			4510.00	
Recorder	0.00	8289	Outside	4510.00	
Recorder	0.00	6672	Inside	4510.00	
Perforations	14.00			4524.00	
Bullnose	3.00			4527.00	19.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.
8100 E 22ND St. North, Building 1500 Suite A
Wichita, KS 67226
ATTN: Rocky Milford

6-17s-34w Scott,KS
Decker #1-6
Job Ticket: 64115 **DST#: 3**
Test Start: 2018.03.10 @ 20:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 105000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
439.00	GO 10%G,90%O	5.065
310.00	GSOCW 5%G,5%O,90%W	4.348

Total Length: 749.00 ft Total Volume: 9.413 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 496' GIP
 RW=.135@41F=105000ppm
 API=29@40=32

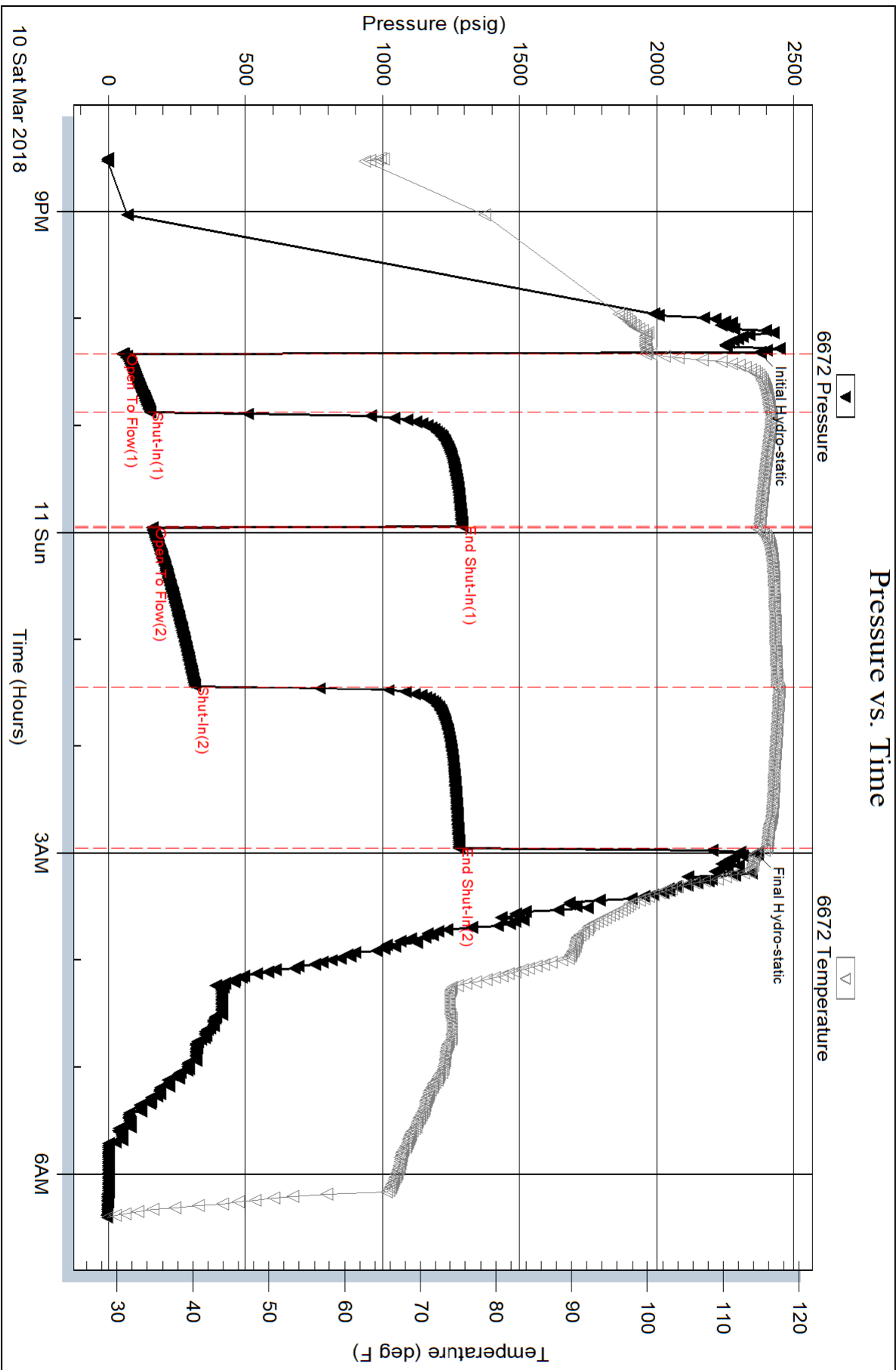
Serial #: 6672

Inside

Eagle Creek Corp.

Decker #1-6

DST Test Number: 3

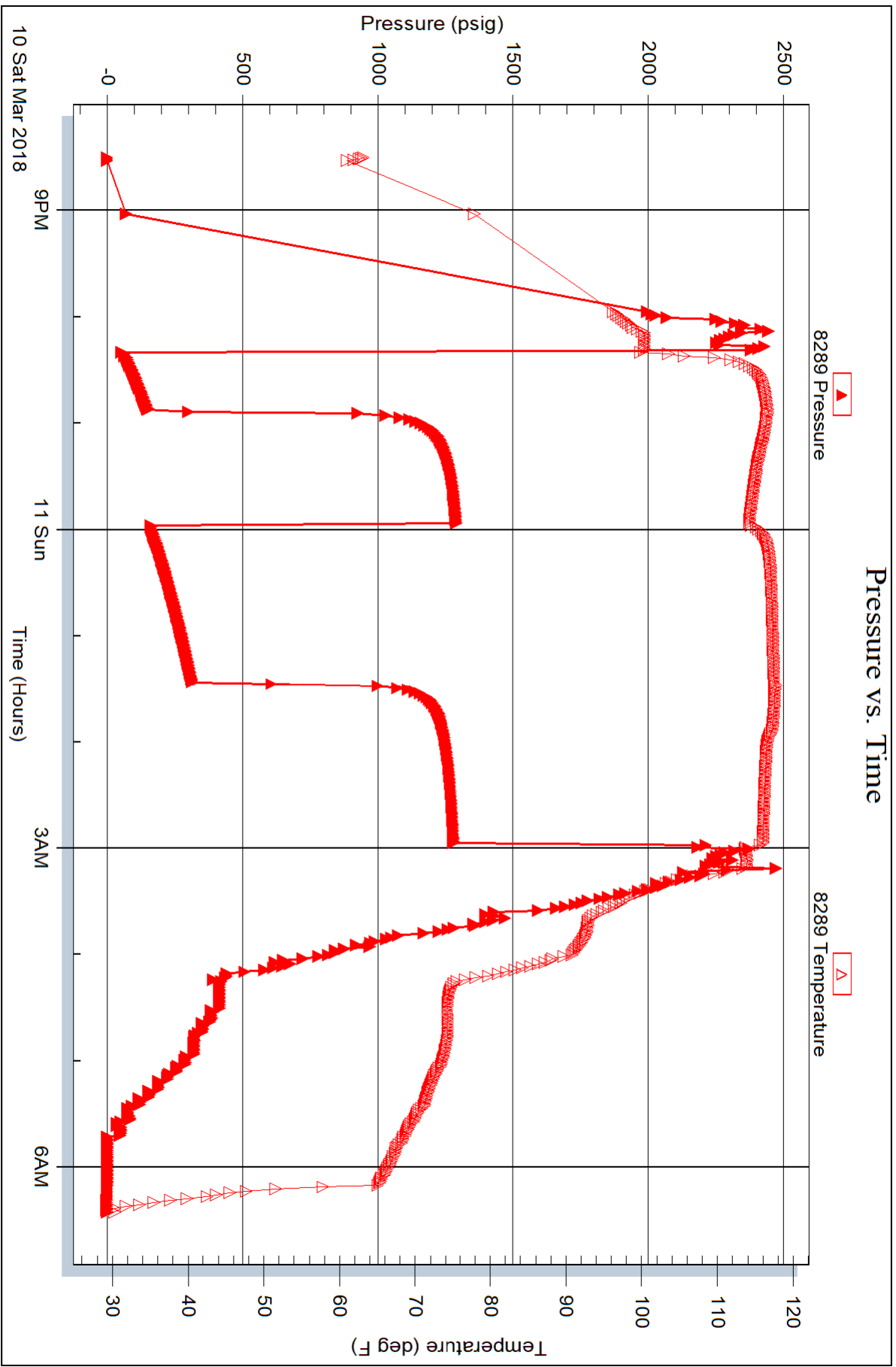


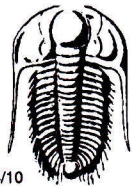
Serial #: 8289

Outside Eagle Creek Corp.

Decker #1-6

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64113**

Well Name & No. ~~Eagle Creek Corp~~ Decker 1-6 Test No. 1 Date 3-8-18
 Company Eagle Creek Corp Elevation 3164 KB 3159 GL
 Address 8100 E 22ND ST. North, Building 1500 Suite A Wichita, KS 67226
 Co. Rep / Geo. Rocky Milford Rig WW#2
 Location: Sec. 6 Twp. 17S Rge. 34 W Co. Scott State KS

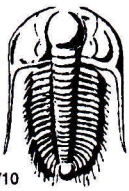
Interval Tested 4279-4320 Zone Tested ~~1500-1550~~ LKC 'I'
 Anchor Length 41' Drill Pipe Run 4160 Mud Wt. 9.3
 Top Packer Depth 4274 Drill Collars Run 120 Vis 64
 Bottom Packer Depth 4279 Wt. Pipe Run N.A. WL 8.0
 Total Depth 4320 Chlorides 5,000 ppm System LCM 2[#]
 Blow Description IF: 25 inches in 10 min, weak surface blow
ISL: No blow back
FF: No blow
FSL: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>S</u>	<u>oily mud</u>		<u>5</u>		<u>95</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 S BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2202 Test CONV 1150 T-On Location 2830
 (B) First Initial Flow 29 Jars 250 T-Started 2345
 (C) First Final Flow 28 Safety Joint 75 T-Open 0230
 (D) Initial Shut-In 1162 Circ Sub _____ T-Pulled 0500
 (E) Second Initial Flow 23 Hourly Standby _____ T-Out 0715
 (F) Second Final Flow 34 Mileage 50 50 Comments Bits on @ 2341
 (G) Final Shut-In 1116 Sampler _____ 6672, 8259
 (H) Final Hydrostatic 2191 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1525
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1525

Approved By Rocky Milford Our Representative Chris Hogman
 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. **64114**

4/10

Well Name & No. Decker 1-6 Test No. 2 Date 3-10-18
 Company Eagle Creek Corp Elevation 3164 KB 3159 GL
 Address 8100 E 22nd St North Building 1500 Suite A Wichita, KS 67226
 Co. Rep / Geo. Rocky M. Ford Rig WW#2
 Location: Sec. 6 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested 4462-4512 Zone Tested Marmaton A
 Anchor Length 50 Drill Pipe Run 4350 Mud Wt. 9.4
 Top Packer Depth 4457 Drill Collars Run 120 Vis 57
 Bottom Packer Depth 4462 Wt. Pipe Run N.A. WL 8.8
 Total Depth 4512 Chlorides 6000 ppm System LCM 2#

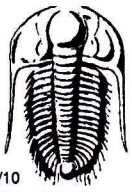
Blow Description IF: weak surface blow, dried 17 min.
~~IF~~ ISI: No blow back
~~IF~~ FF: No blow
FST: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>oily mud</u>		<u>5</u>		<u>95</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 105 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2327 Test conv 1150 T-On Location 0800
 (B) First Initial Flow 21 Jars _____ T-Started 0630
 (C) First Final Flow 20 Safety Joint 75 T-Open 0835
 (D) Initial Shut-In 107 Circ Sub _____ T-Pulled 1035
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 1230
 (F) Second Final Flow 24 Mileage 50 50 Comments Bats on @ 0636
 (G) Final Shut-In 66 Sampler _____
 (H) Final Hydrostatic 2309 Straddle _____ Ruined Shale Packer _____
 Shale Packer X1.0 250 Ruined Packer _____
 Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1525
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1525

Approved By Rocky M. Ford Our Representative Chris Heggen
 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. **64115**

Well Name & No. Decker 1-6 Test No. 3 Date 3-10-18
 Company Eagle Creek Corp. Elevation 3164 KB 3159 GL
 Address 8100 E 22nd St. North Building 1500 Suite A Wichita, KS 67226
 Co. Rep / Geo. Rocky Milford Rig LOW#2
 Location: Sec. 6 Twp. 17S Rge. 34W Co. Scott State KS

Interval Tested ~~4508-4527~~ Zone Tested Marmaton B-C
 Anchor Length 19' Drill Pipe Run 4385 Mud Wt. 9.5
 Top Packer Depth 4503 Drill Collars Run 120 Vis 57
 Bottom Packer Depth 4508 Wt. Pipe Run N.A. WL 7.2
 Total Depth 4527 Chlorides 4000 ppm System LCM 2#

Blow Description IF: BOB 9 min., strong steady blow
ESI: Blow back 1 min., 7.5 inches in 60 min.
FP: BOB 6 min., strong steady blow
FSI: Blow back 2 min., .5 inches in 90 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>496</u>	<u>GP</u>				
<u>439</u>	<u>gassy oil</u>	<u>10%</u>	<u>90%</u>		
<u>310</u>	<u>gassy oily water</u>	<u>5%</u>	<u>5%</u>	<u>90%</u>	

Rec Total 749 BHT 117 Gravity 32 API RW .135 @ 41 °F Chlorides 105,000 ppm

(A) Initial Hydrostatic 2375 Test CON 1150 T-On Location 2020
 (B) First Initial Flow 56 Jars _____ T-Started 2030
 (C) First Final Flow 151 Safety Joint 75 T-Open 2220
 (D) Initial Shut-In 1291 Circ Sub _____ T-Pulled 0250
 (E) Second Initial Flow 161 Hourly Standby _____ T-Out 0600
 (F) Second Final Flow 316 Mileage 50 50 Comments bits on @ 2030
 (G) Final Shut-In 1280 Sampler _____
 (H) Final Hydrostatic 2366 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Recorder _____
 Initial Shut-In 60 Day Standby _____
 Final Flow 90 Accessibility _____
 Final Shut-In 90 Sub Total 1275 MP/DST Disc't _____
 Sub Total 1275

Approved By Rocky Milford Our Representative Chris Angran
 Trilobite Testing Inc. shall not be liable for damaged or 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.

ES
PUMPING LLC
Chanute, KS 66720
210 or 800-467-8676

10229
10118

TICKET NUMBER 55017
LOCATION Oakley Ks
FOREMAN Jerry V

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 8126A Ks

CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
18 2776	Decker 16	6	175	34W	Scott
CUSTOMER		TRUCK #		DRIVER	
Eagle Creek Corp		731		Cory D	
3100 E. 22nd St., N. Bldg. 1500A		566		Nabil U	
Wichita		772-1127		Cory D	
STATE	ZIP CODE	TRUCK #		DRIVER	
KS	67226-2315				

JOB TYPE 2-Stage HOLE SIZE 7 7/8 HOLE DEPTH 4970 CASING SIZE & WEIGHT 5 1/2 15.5#
 CASING DEPTH 4958 DRILL PIPE _____ TUBING _____ OTHER DVC @ 2449'
 SLURRY WEIGHT 14.2/125 SLURRY VOL 1.42/1.89 WATER gal/sk _____ CEMENT LEFT in CASING 42'
 DISPLACEMENT 117/58 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Set fly mce line & rig upon W/L 2 run flt & equi centralizers on 14, 7, 10, 120, 13, 15, 58 baskets 1 2 @ 8' & on 57' DV Tool on top 57' set @ 2449' run casing to bottom circ vis ↓ 46 pump 5 bbl H₂O, 500 gal mud flush, 5 bbl H₂O spacer mix 165 sks Thi xobland III 5" Kol seal shut down clean pump & lines release plug Displace with 60 bbl water @ 57' bbl mud line (lift 750' plug back @ 1300' released back & float held open tool @ 1000' circ thr pump 5 bbl water spacer mix 395 sks 60/40 58 1/4" #6 seal, 30 sks in Rth., clear Pump + Lines, release Plug, + Displaced 60 BBL H₂O @ 800#, handed Plug + shut Tool @ 1,900# released Pressure, Hold Cement Did Cure

30 sks Rat hole

Thank you Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0453	1	PUMP CHARGE	2800.00	2800.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	26.03	ton mileage delivery	1.75	2,049.75
CC5862	165 sks	Thixobland III	26.00	4290.00
CC6077	825 #	Kol seal	.50	412.50
CC5831	425 sks	liteblend VII	17.60	7,437.50
CC6075	106 #	fl. seal	3.00	318.00
CC6125	500 gal	mud flush	.65	325.00
CP8485	1	5 1/2 AFU Flat shoe	585.00	585.00
CP8254	1	5 1/2 latch down Assy	400.00	400.00
CP8554	8	5 1/2 centralizers	8100	6480.00
CP8629	2	5 1/2 baskets	385.00	770.00
CP8801	1	5 1/2 DV Tool	5970.00	5970.00
CC5326	100 #	salt	NC	NC
			Subtotal	26,327.50
			-306	7898.25
			Subtotal	18,429.25
			SALES TAX	1,258.78
			ESTIMATED TOTAL	19,688.04

Ravin 3737

AUTHORIZATION Bill Schmit TITLE _____ DATE 3-14-18

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.

ES

10172
10065

TICKET NUMBER **55011**
LOCATION **Oakley Ks**
FOREMAN **Jerry V**

PRESSURE PUMPING LLC
Box 884, Chanute, KS 66720
20-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

Invoice # **812607** Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-2-18	2776	Decker 1-6	6	17S	34W	Scott	
CUSTOMER		Pence-Wite		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		Eagle Creek Corp		731	Cory D		
CITY		STATE	ZIP CODE	772 T12T	Neil W		
Wichita		KS	67226-2315				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 261 CASING SIZE & WEIGHT 8 5/8 23 #
 CASING DEPTH 261 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL 1.24 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 15 1/4 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig up on W2 circulate casing mix 180 sks
com 3% CC 2% gel wash up & displace with 15 1/4 bbl freshwater & shut in
3 bbl to pt

Cement
circulated

Thank you
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0911	1	PUMP CHARGE	1150.00	1150.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	8.46	ton mileage delivery	1.75	666.23
CC5871	180 sks	surface blend II	24.00	4320.00
CC5326	100 #	salt	NC	NC
			Subtotal	6457.98
			-30%	1937.39
			Subtotal	4520.59
			SALES TAX	257.04
			ESTIMATED TOTAL	4777.63

AUTHORIZATION [Signature] TITLE _____ DATE _____
 Ravin 3737

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.