

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 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
--	---

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
---	--	------------------------------------

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:	
----------------	-------	---------	------------	--



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills Nationals CT
Andover, KS 67002

ATTN: Tim Pierce

Campbell #1-2

2-21S-34W Finney,KS

Start Date: 2020.09.08 @ 09:20:00

End Date: 2020.09.08 @ 16:30:00

Job Ticket #: 66554 DST #: 1

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

Printed: 2020.09.14 @ 10:02:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

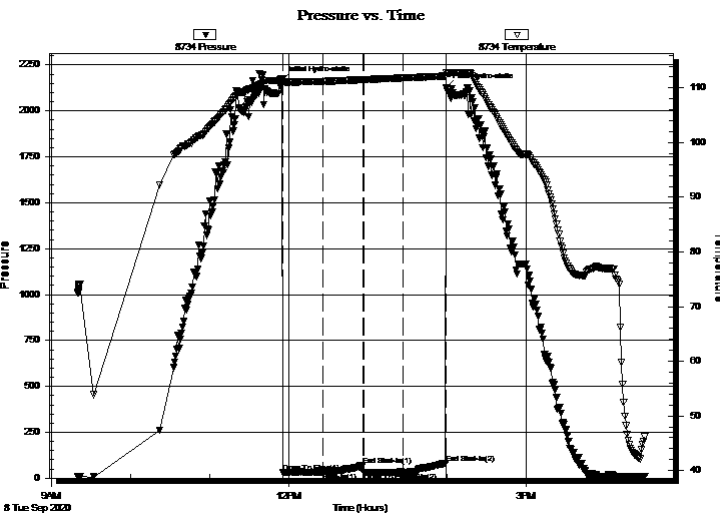
2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66554 **DST#: 1**
Test Start: 2020.09.08 @ 09:20:00

GENERAL INFORMATION:

Formation: **Marmaton " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:55:10
Time Test Ended: 16:30:00
Interval: **4324.00 ft (KB) To 4360.00 ft (KB) (TVD)**
Total Depth: 4360.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 2972.00 ft (KB)
2961.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8734 Outside
Press@RunDepth: 33.33 psig @ 4325.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2020.09.08 End Date: 2020.09.08 Last Calib.: 2020.09.08
Start Time: 09:20:01 End Time: 16:30:00 Time On Btm: 2020.09.08 @ 11:54:50
Time Off Btm: 2020.09.08 @ 13:59:20

TEST COMMENT: 30-IF-1/4" blow built to 1/2" & decreased to weak surface bubbles
30-ISI-No blow back
30-FF-No blow
30-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.96	111.69	Initial Hydro-static
1	31.49	111.02	Open to Flow (1)
32	32.45	111.22	Shut-In(1)
62	71.06	111.53	End Shut-In(1)
62	31.83	111.51	Open To Flow (2)
92	33.33	111.83	Shut-In(2)
124	81.90	112.19	End Shut-In(2)
125	2124.29	112.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil spots 1%O, 99%M	0.02

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

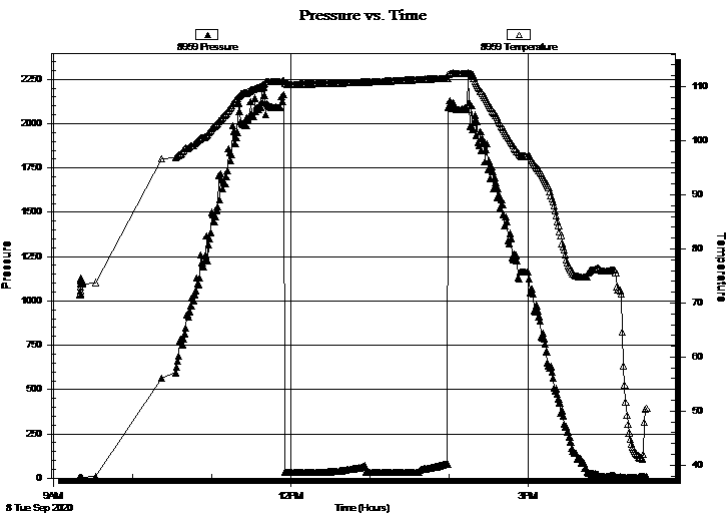
2-21S-34W Finney, KS
Campbell #1-2
 Job Ticket: 66554 **DST#: 1**
 Test Start: 2020.09.08 @ 09:20:00

GENERAL INFORMATION:

Formation: **Marmaton " A "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:55:10
 Time Test Ended: 16:30:00
Interval: 4324.00 ft (KB) To 4360.00 ft (KB) (TVD)
 Total Depth: 4360.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8959 **Inside**
 Press@RunDepth: psig @ 4325.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.08 End Date: 2020.09.08 Last Calib.: 2020.09.08
 Start Time: 09:20:01 End Time: 16:29:50 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-1/4" blow built to 1/2" & decreased to weak surface bubbles
 30-ISI-No blow back
 30-FF-No blow
 30-FSI-No blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil spots 1%O, 99%M	0.02

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66554 **DST#: 1**
Test Start: 2020.09.08 @ 09:20:00

Tool Information

Drill Pipe:	Length: 4083.00 ft	Diameter: 3.80 inches	Volume: 57.27 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 58.46 bbl</u>	Tool Chased	1.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4324.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	68.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Worked through 5' of fill on bottom, Opened to and slid 1' to bottom

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

Change Over Sub	1.00			4293.00	
Shut In Tool	5.00			4298.00	
Hydraulic tool	5.00	1113		4303.00	
Jars	5.00	01-07		4308.00	
EM Tool	4.00			4312.00	
Safety Joint	3.00	-001		4315.00	
Packer	5.00			4320.00	32.00 Bottom Of Top Packer
Packer	4.00			4324.00	
Stubb	1.00			4325.00	
Recorder	0.00	8959	Inside	4325.00	
Recorder	0.00	8734	Outside	4325.00	
Perforations	32.00			4357.00	
Bullnose	3.00			4360.00	36.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21S-34W Finney,KS

423 E Flint Hills Nationals CT
Andover, KS 67002

Campbell #1-2

Job Ticket: 66554

DST#: 1

ATTN: Tim Pierce

Test Start: 2020.09.08 @ 09:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud w /Oil spots 1%O, 99%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

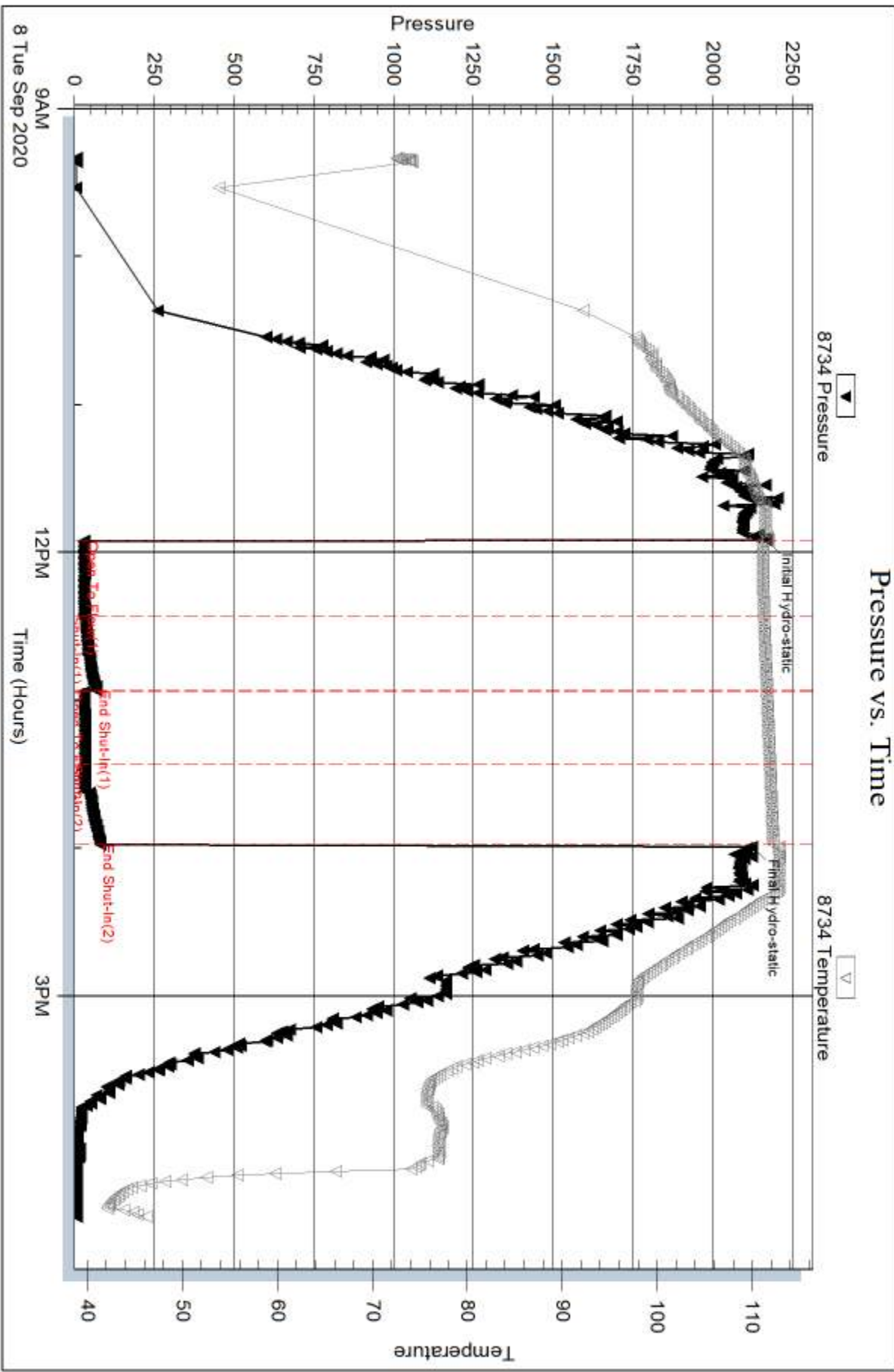
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



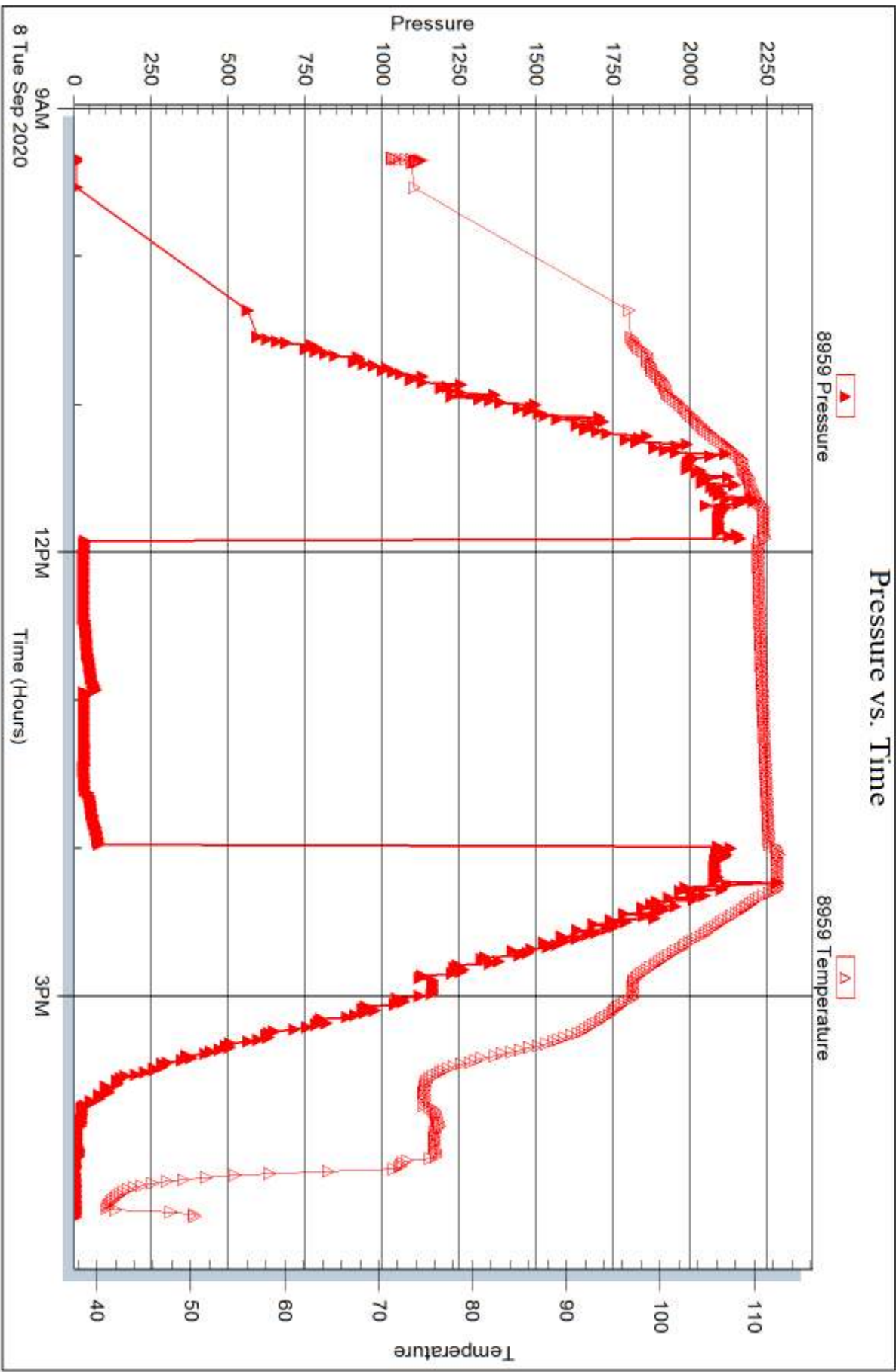
Serial #: 8959

Inside

Eagle Creek Corp

Campbell #1-2

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 66554

Printed: 2020.09.14 @ 10:02:10



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills Nationals CT
Andover, KS 67002

ATTN: Tim Pierce

Campbell #1-2

2-21S-34W Finney,KS

Start Date: 2020.09.09 @ 03:20:00

End Date: 2020.09.09 @ 10:00:09

Job Ticket #: 66555 DST #: 2

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

Printed: 2020.09.14 @ 10:01:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

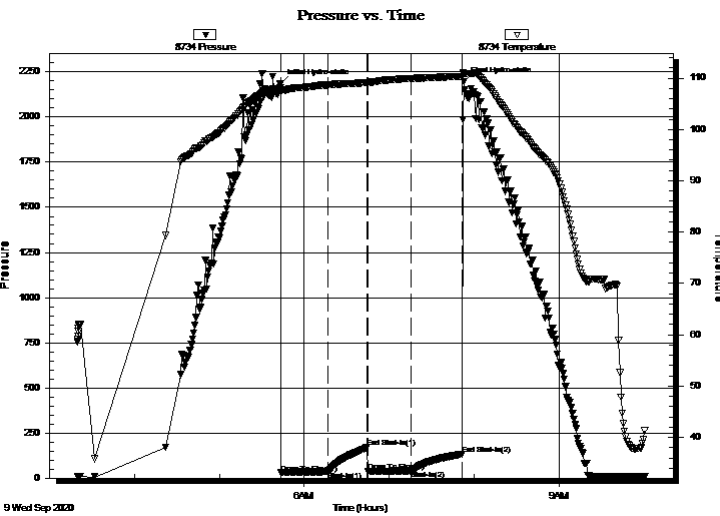
2-21S-34W Finney,KS
Campbell #1-2
 Job Ticket: 66555 **DST#: 2**
 Test Start: 2020.09.09 @ 03:20:00

GENERAL INFORMATION:

Formation: **Marmaton " B - C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:43:20
 Time Test Ended: 10:00:09
 Interval: **4362.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: 4400.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 40.39 psig @ 4363.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.09 End Date: 2020.09.09 Last Calib.: 2020.09.09
 Start Time: 03:20:01 End Time: 10:00:10 Time On Btm: 2020.09.09 @ 05:43:10
 Time Off Btm: 2020.09.09 @ 07:52:39

TEST COMMENT: 30-IF-1/4" blow built to 1/2" & decreased to surface blow
 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	2184.64	108.10	Initial Hydro-static
1	29.17	107.26	Open To Flow (1)
34	35.86	108.66	Shut-In(1)
62	171.30	109.11	End Shut-In(1)
62	37.67	109.08	Open To Flow (2)
93	40.39	109.94	Shut-In(2)
129	133.13	110.37	End Shut-In(2)
130	2197.87	110.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud	0.05

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
 Job Ticket: 66555 **DST#: 2**
 Test Start: 2020.09.09 @ 03:20:00

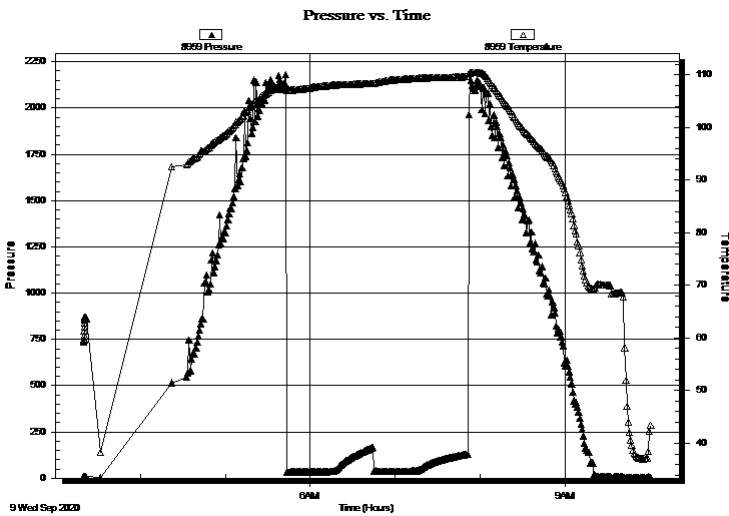
GENERAL INFORMATION:

Formation: **Marmaton " B - C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:43:20
 Time Test Ended: 10:00:09
 Interval: **4362.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: 4400.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8959 Inside

Press@RunDepth: psig @ 4363.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.09 End Date: 2020.09.09 Last Calib.: 2020.09.09
 Start Time: 03:20:01 End Time: 10:00:10 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-1/4" blow built to 1/2" & decreased to surface blow
 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)
10.00	100% Mud	0.05

* 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
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66555 **DST#: 2**
Test Start: 2020.09.09 @ 03:20:00

Tool Information

Drill Pipe:	Length: 4115.00 ft	Diameter: 3.80 inches	Volume: 57.72 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 58.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4362.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	70.00 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			4331.00	
Shut In Tool	5.00			4336.00	
Hydraulic tool	5.00	1113		4341.00	
Jars	5.00	01-07		4346.00	
EM Tool	4.00			4350.00	
Safety Joint	3.00	-001		4353.00	
Packer	5.00			4358.00	32.00 Bottom Of Top Packer
Packer	4.00			4362.00	
Stubb	1.00			4363.00	
Recorder	0.00	8959	Inside	4363.00	
Recorder	0.00	8734	Outside	4363.00	
Perforations	34.00			4397.00	
Bullnose	3.00			4400.00	38.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21S-34W Finney,KS

423 E Flint Hills Nationals CT
Andover, KS 67002

Campbell #1-2

Job Ticket: 66555

DST#: 2

ATTN: Tim Pierce

Test Start: 2020.09.09 @ 03:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

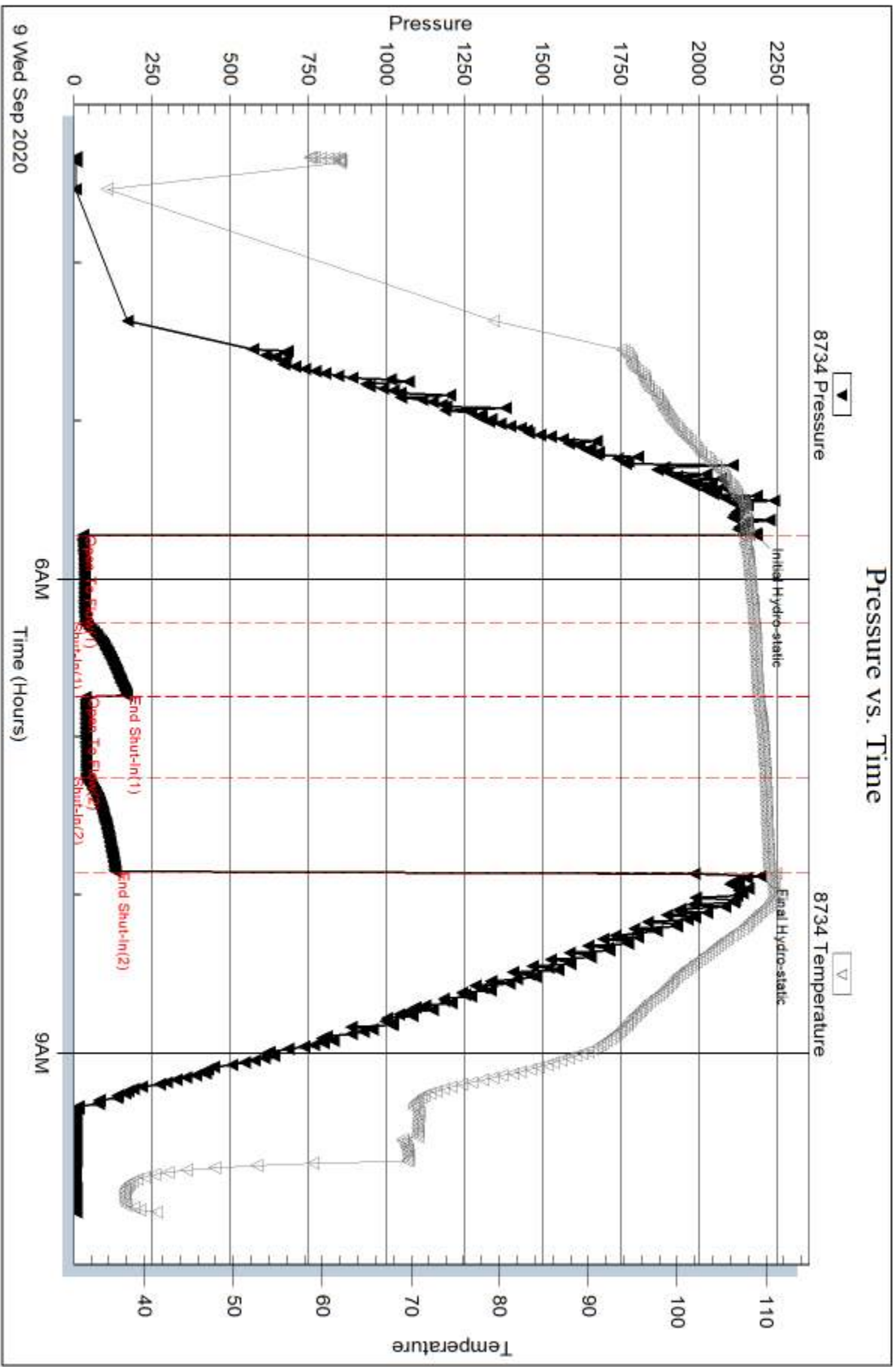
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



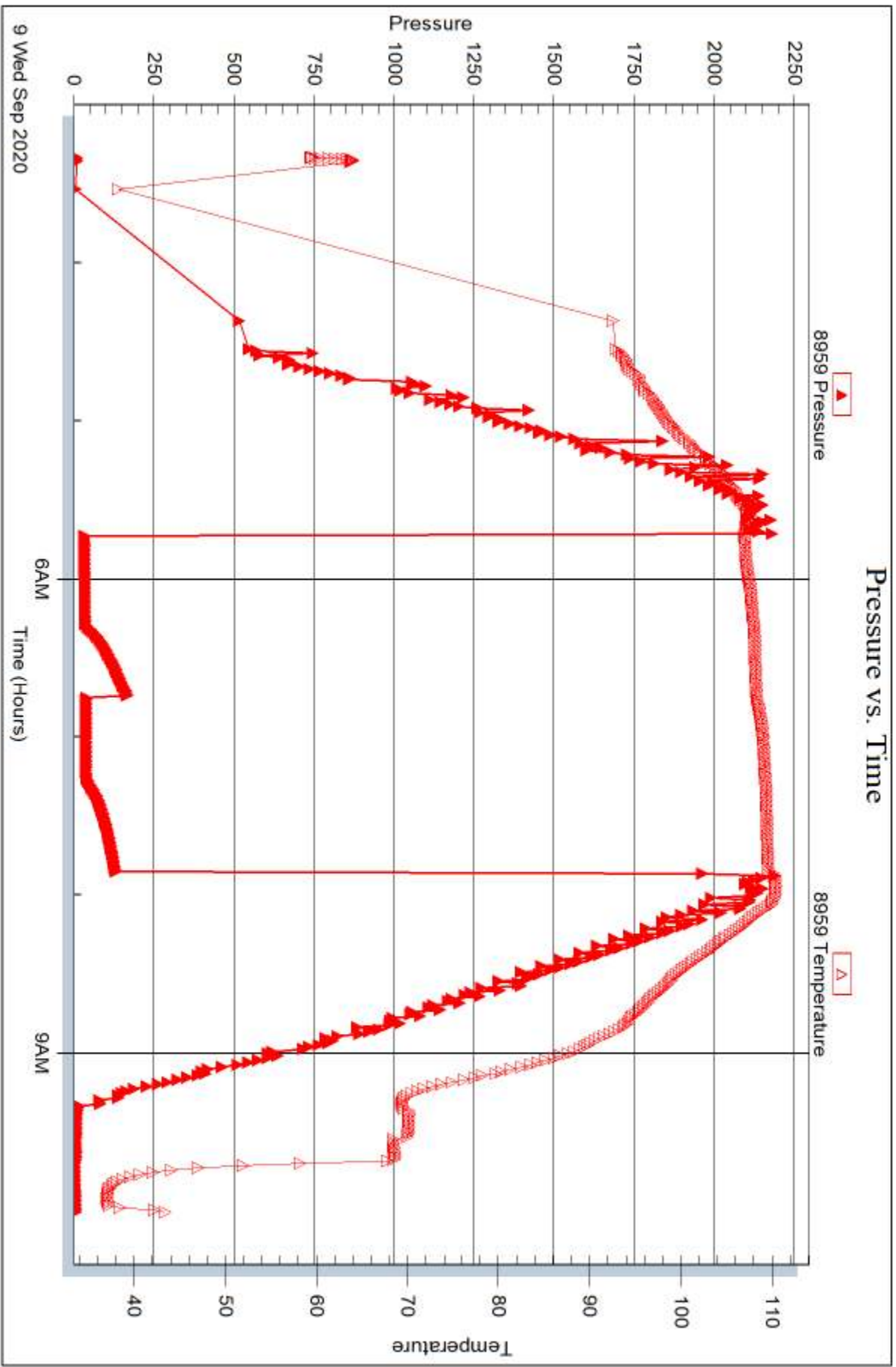
Serial #: 8959

Inside

Eagle Creek Corp

Campbell #1-2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66555

Printed: 2020.09.14 @ 10:01:44



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills Nationals CT
Andover, KS 67002

ATTN: Tim Pierce

Campbell #1-2

2-21S-34W Finney,KS

Start Date: 2020.09.09 @ 23:50:00

End Date: 2020.09.10 @ 09:20:19

Job Ticket #: 66556 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2020.09.14 @ 09:55:26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

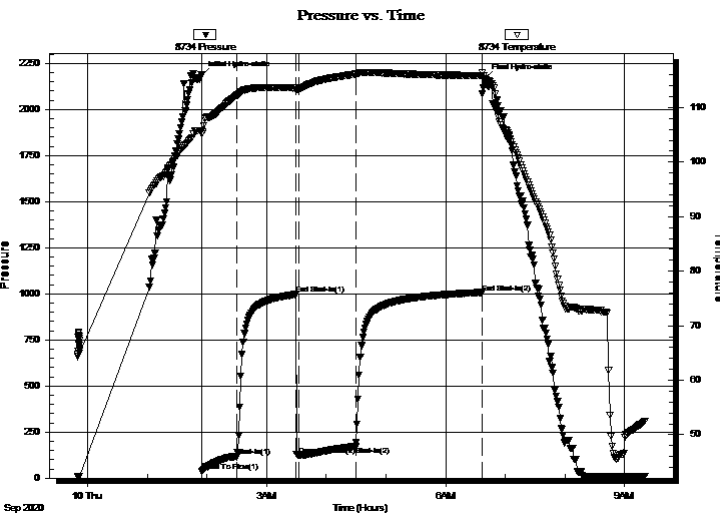
2-21S-34W Finney,KS
Campbell #1-2
 Job Ticket: 66556 **DST#: 3**
 Test Start: 2020.09.09 @ 23:50:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:55:10
 Time Test Ended: 09:20:19
 Interval: **4451.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Total Depth: 4480.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 170.75 psig @ 4452.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.09 End Date: 2020.09.10 Last Calib.: 2020.09.10
 Start Time: 23:50:01 End Time: 09:20:19 Time On Btm: 2020.09.10 @ 01:54:50
 Time Off Btm: 2020.09.10 @ 06:39:09

TEST COMMENT: 30-IF-BOB (11 inches) @ 6 mins (blow increased to 41")
 60-ISI-Blow built 7" & decreased to 6 1/2"
 60-FF-BOB (11 inches) @ 6 mins (blow increased to 88 3/4")
 120-FSI-BOB (11 inches) @ 18 mins (blow increased to 21" & decreased to 19")



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.13	105.85	Initial Hydro-static
1	36.13	105.14	Open To Flow (1)
36	116.28	112.21	Shut-In(1)
95	996.33	113.58	End Shut-In(1)
98	123.14	113.36	Open To Flow (2)
155	170.75	116.12	Shut-In(2)
282	1007.17	115.84	End Shut-In(2)
285	2166.94	115.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCWM 28%G,15%O,27%W,30%M	0.59
60.00	GOCM 30%G, 20%O, 50%M	0.30
240.00	CGO 31%G, 69%O	2.81
0.00	1400' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals Ct
 Andover, KS 67002
 ATTN: Tim Pierce

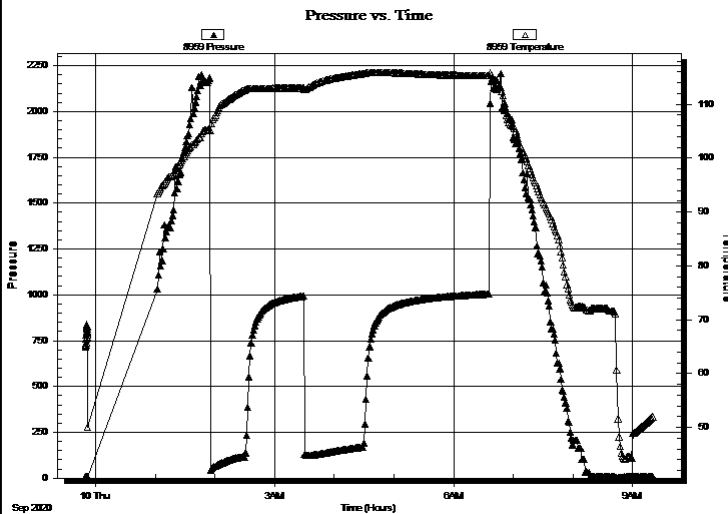
2-21S-34W Finney,KS
Campbell #1-2
 Job Ticket: 66556 **DST#: 3**
 Test Start: 2020.09.09 @ 23:50:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:55:10
 Time Test Ended: 09:20:19
 Interval: **4451.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Total Depth: 4480.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8959 Inside
 Press@RunDepth: psig @ 4452.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.09 End Date: 2020.09.10 Last Calib.: 2020.09.10
 Start Time: 23:50:01 End Time: 09:20:10 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB (11 inches) @ 6 mins (blow increased to 41")
 60-ISI-Blow built 7" & decreased to 6 1/2"
 60-FF-BOB (11 inches) @ 6 mins (blow increased to 88 3/4")
 120-FSI-BOB (11 inches) @ 18 mins (blow increased to 21" & decreased to 19")



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCWM 28%G,15%O,27%W,30%M	0.59
60.00	GOCM 30%G, 20%O, 50%M	0.30
240.00	CGO 31%G, 69%O	2.81
0.00	1400' 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 Corp
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66556 **DST#: 3**
Test Start: 2020.09.09 @ 23:50:00

Tool Information

Drill Pipe:	Length: 4210.00 ft	Diameter: 3.80 inches	Volume: 59.06 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 60.25 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	69000.00 lb
Depth to Top Packer:	4451.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	61.00 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			4420.00	
Shut In Tool	5.00			4425.00	
Hydraulic tool	5.00	1113		4430.00	
Jars	5.00	01-07		4435.00	
EM Tool	4.00			4439.00	
Safety Joint	3.00	-001		4442.00	
Packer	5.00			4447.00	32.00 Bottom Of Top Packer
Packer	4.00			4451.00	
Stubb	1.00			4452.00	
Recorder	0.00	8959	Inside	4452.00	
Recorder	0.00	8734	Outside	4452.00	
Perforations	25.00			4477.00	
Bullnose	3.00			4480.00	29.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21S-34W Finney,KS

423 E Flint Hills Nationals CT
Andover, KS 67002

Campbell #1-2

Job Ticket: 66556

DST#: 3

ATTN: Tim Pierce

Test Start: 2020.09.09 @ 23:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

39000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	GOCWM 28%G,15%O,27%W,30%M	0.590
60.00	GOCM 30%G, 20%O, 50%M	0.295
240.00	CGO 31%G, 69%O	2.811
0.00	1400' GIP	0.000

Total Length: 420.00 ft Total Volume: 3.696 bbf

Num Fluid Samples: 0

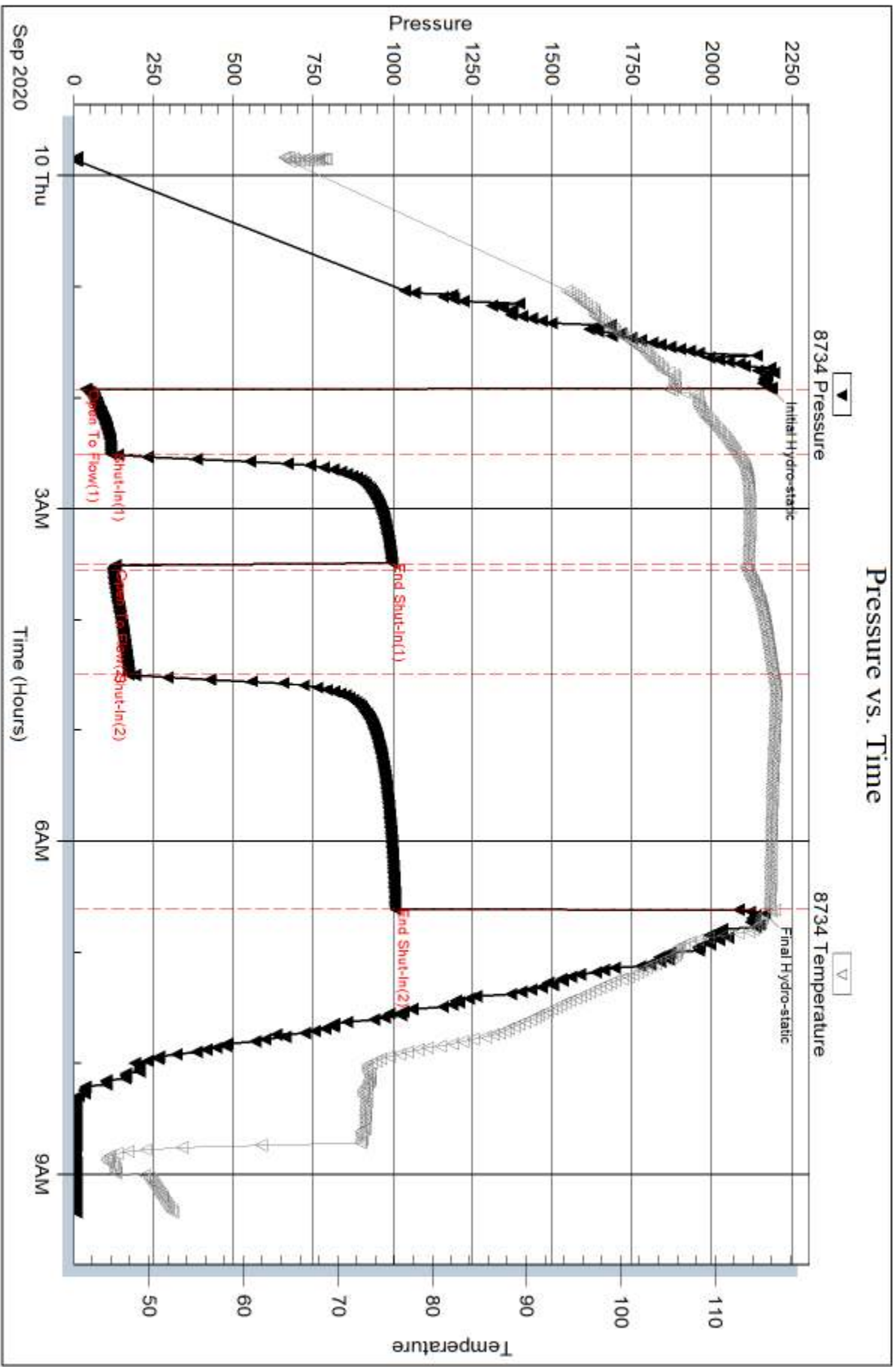
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 30 @ 52 corrected to 30.8 @ 60 degs
RW= .285 @ 48.5 = 39,000 PPM



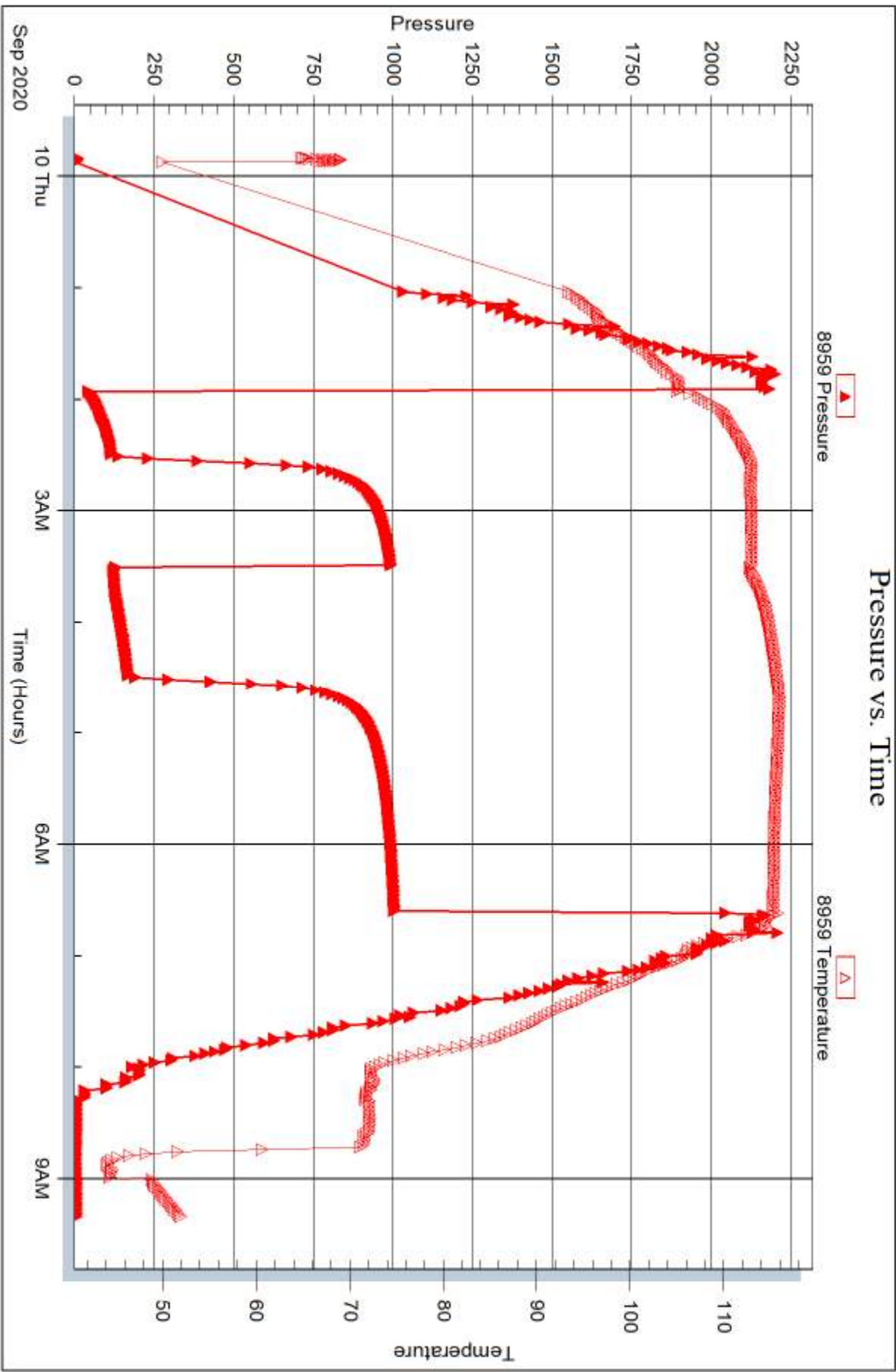
Serial #: 8959

Inside

Eagle Creek Corp

Campbell #1-2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 66556

Printed: 2020.09.14 @ 09:55:28



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills Nationals CT
Andover, KS 67002

ATTN: Tim Pierce

Campbell #1-2

2-21S-34W Finney,KS

Start Date: 2020.09.10 @ 18:10:00

End Date: 2020.09.11 @ 00:57:30

Job Ticket #: 66557 DST #: 4

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

Printed: 2020.09.14 @ 09:52:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

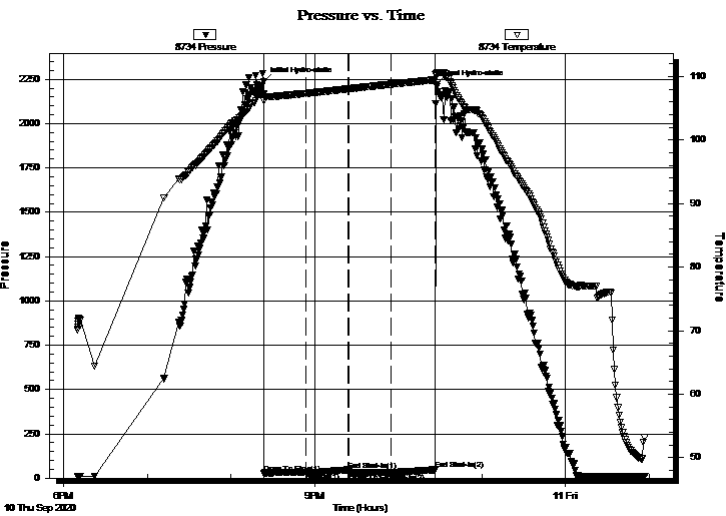
2-21S-34W Finney,KS
Campbell #1-2
 Job Ticket: 66557 **DST#: 4**
 Test Start: 2020.09.10 @ 18:10:00

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:23:40
 Time Test Ended: 00:57:30
 Interval: **4486.00 ft (KB) To 4529.00 ft (KB) (TVD)**
 Total Depth: 4529.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 29.41 psig @ 4487.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.10 End Date: 2020.09.11 Last Calib.: 2020.09.11
 Start Time: 18:10:01 End Time: 00:57:30 Time On Btm: 2020.09.10 @ 20:23:30
 Time Off Btm: 2020.09.10 @ 22:27:20

TEST COMMENT: 30-IF-Surace blow built to 1/2" & decreased to 1/4"
 30-ISI-No blow back
 30-FF-No blow
 30-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2238.26	107.26	Initial Hydro-static
1	28.64	106.14	Open To Flow (1)
31	32.02	107.35	Shut-In(1)
61	46.54	108.07	End Shut-In(1)
61	24.97	108.07	Open To Flow (2)
91	29.41	108.77	Shut-In(2)
123	47.69	109.50	End Shut-In(2)
124	2220.10	110.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 1%O, 90% Mud	0.05
0.00	Heavy oil in tool	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

2-21S-34W Finney, KS
Campbell #1-2
 Job Ticket: 66557 **DST#: 4**
 Test Start: 2020.09.10 @ 18:10:00

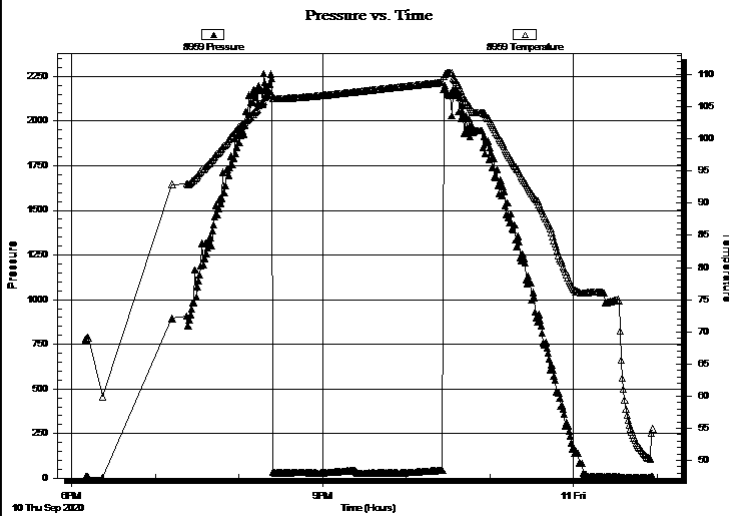
GENERAL INFORMATION:

Formation: Cherokee			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 20:23:40		Tester: Martine Salinas	
Time Test Ended: 00:57:30		Unit No: 82	
Interval: 4486.00 ft (KB) To 4529.00 ft (KB) (TVD)		Reference Elevations:	2972.00 ft (KB)
Total Depth: 4529.00 ft (KB) (TVD)			2961.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good		KB to GR/CF:	11.00 ft

Serial #: 8959 Inside

Press@RunDepth: psig @ 4487.00 ft (KB)	Capacity:	8000.00 psig
Start Date: 2020.09.10 End Date: 2020.09.11	Last Calib.:	2020.09.11
Start Time: 18:10:01 End Time: 00:57:30	Time On Btm:	
	Time Off Btm:	

TEST COMMENT: 30-IF-Surace blow built to 1/2" & decreased to 1/4"
 30-ISI-No blow back
 30-FF-No blow
 30-FSI-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 1%O, 90% Mud	0.05
0.00	Heavy oil in tool	0.00

* 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
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66557 **DST#: 4**
Test Start: 2020.09.10 @ 18:10:00

Tool Information

Drill Pipe:	Length: 4242.00 ft	Diameter: 3.80 inches	Volume: 59.50 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 60.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4486.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	75.00 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			4455.00	
Shut In Tool	5.00			4460.00	
Hydraulic tool	5.00	1113		4465.00	
Jars	5.00	01-07		4470.00	
EM Tool	4.00			4474.00	
Safety Joint	3.00	-001		4477.00	
Packer	5.00			4482.00	32.00 Bottom Of Top Packer
Packer	4.00			4486.00	
Stubb	1.00			4487.00	
Recorder	0.00	8959	Inside	4487.00	
Recorder	0.00	8734	Outside	4487.00	
Perforations	39.00			4526.00	
Bullnose	3.00			4529.00	43.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21S-34W Finney,KS

423 E Flint Hills Nationals CT
Andover, KS 67002

Campbell #1-2

Job Ticket: 66557

DST#: 4

ATTN: Tim Pierce

Test Start: 2020.09.10 @ 18:10:00

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: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 1%O, 90% Mud	0.049
0.00	Heavy oil in tool	0.000

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

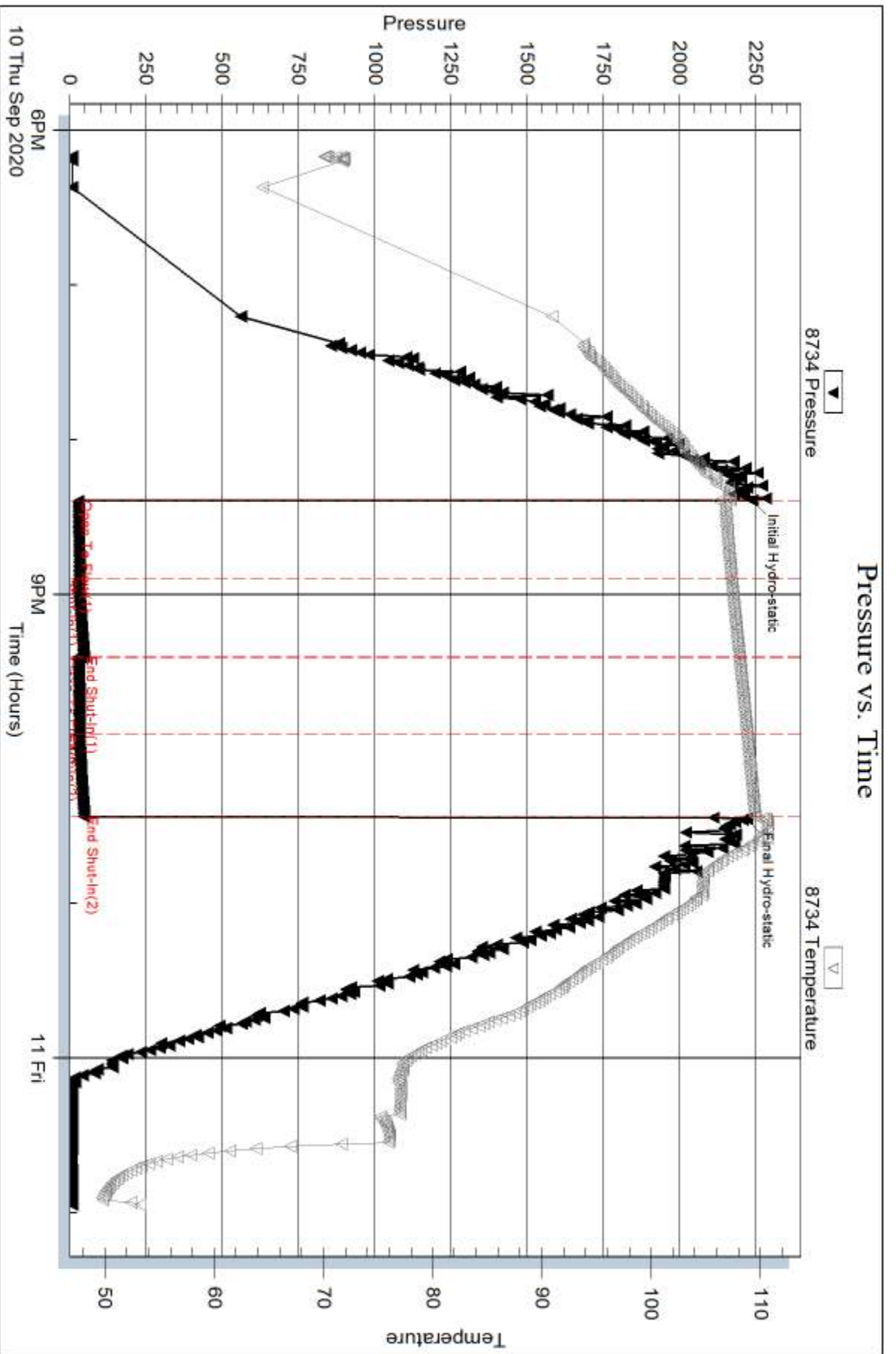
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



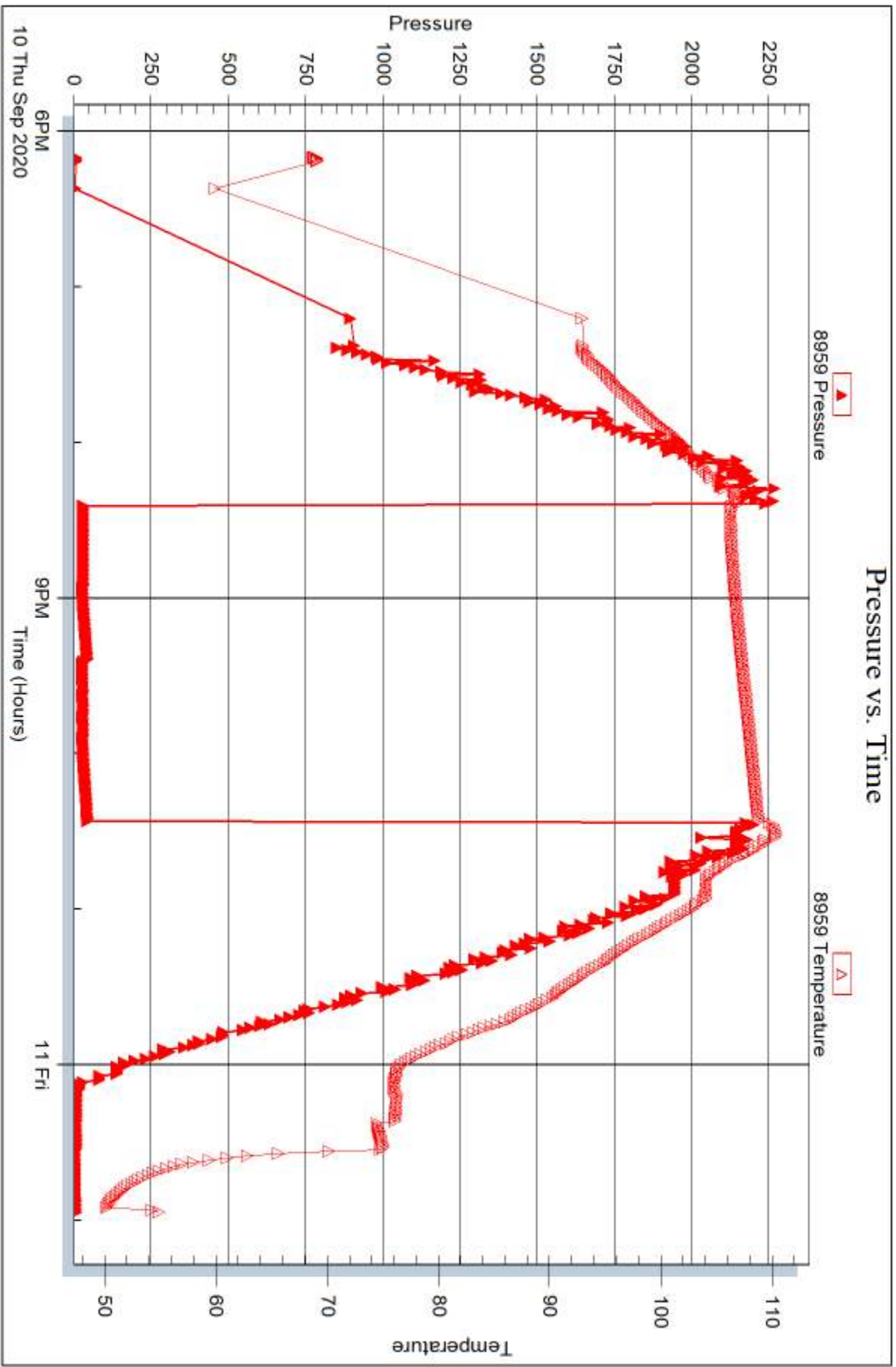
Serial #: 8959

Inside

Eagle Creek Corp

Campbell #1-2

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 66557

Printed: 2020.09.14 @ 09:52:57



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills Nationals CT
Andover, KS 67002

ATTN: Tim Pierce

Campbell #1-2

2-21S-34W Finney,KS

Start Date: 2020.09.12 @ 11:11:00

End Date: 2020.09.12 @ 18:53:39

Job Ticket #: 66558 DST #: 5

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

Printed: 2020.09.14 @ 09:43:34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66558 **DST#: 5**
Test Start: 2020.09.12 @ 11:11:00

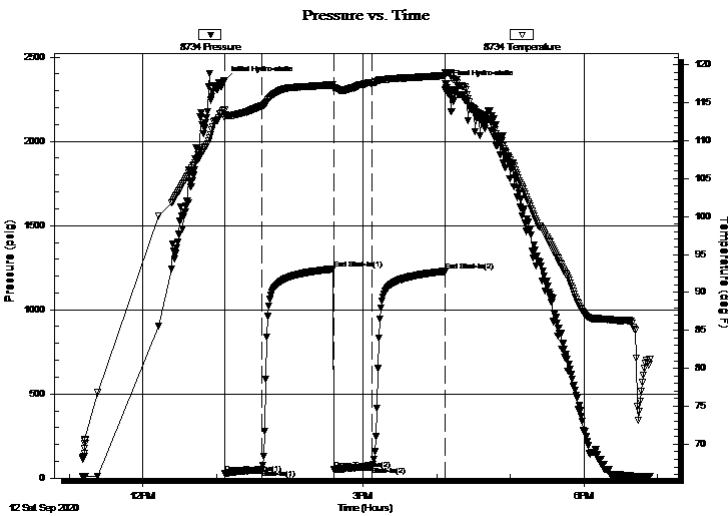
GENERAL INFORMATION:

Formation: **St. Louis " C "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:06:50
Time Test Ended: 18:53:39
Interval: **4803.00 ft (KB) To 4835.00 ft (KB) (TVD)**
Total Depth: 4835.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 2972.00 ft (KB)
2961.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8734 Outside
Press@RunDepth: 67.92 psig @ 4804.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2020.09.12 End Date: 2020.09.12 Last Calib.: 2020.09.12
Start Time: 11:11:01 End Time: 18:53:40 Time On Btm: 2020.09.12 @ 13:06:40
Time Off Btm: 2020.09.12 @ 16:07:09

TEST COMMENT: 30-IF-Surface blow built to 1/2" @ 13 mins & maintained blow
60-ISI-No blow back
30-FF-Surface blow @ 20 mins built to 1/8"
60-FSI-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.66	114.04	Initial Hydro-static
1	28.12	113.08	Open To Flow (1)
31	49.17	114.55	Shut-In(1)
89	1242.03	117.38	End Shut-In(1)
90	53.58	116.88	Open To Flow (2)
121	67.92	117.62	Shut-In(2)
180	1228.17	118.60	End Shut-In(2)
181	2339.41	118.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	SOCM 5%O, 98% M	0.34

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills Nationals CT
 Andover, KS 67002
 ATTN: Tim Pierce

2-21S-34W Finney,KS

Campbell #1-2

Job Ticket: 66558

DST#: 5

Test Start: 2020.09.12 @ 11:11:00

GENERAL INFORMATION:

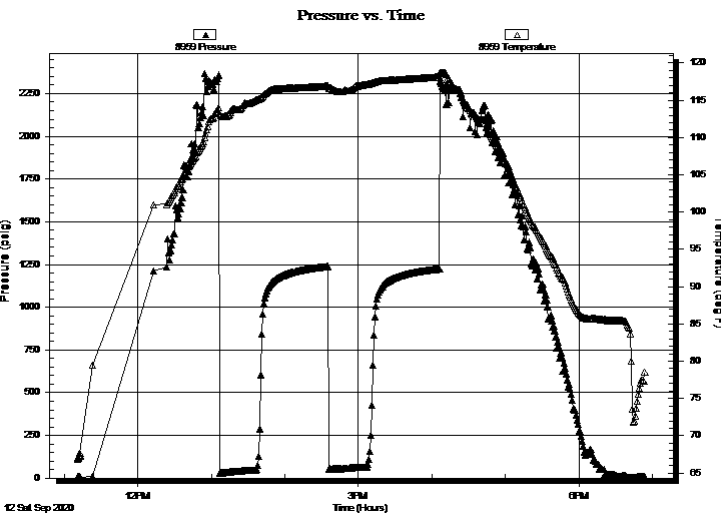
Formation: **St. Louis " C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:06:50
 Time Test Ended: 18:53:39
 Interval: **4803.00 ft (KB) To 4835.00 ft (KB) (TVD)**
 Total Depth: 4835.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8959

Inside

Press@RunDepth: psig @ 4804.00 ft (KB)
 Start Date: 2020.09.12 End Date: 2020.09.12
 Start Time: 11:11:01 End Time: 18:53:40
 Capacity: 8000.00 psig
 Last Calib.: 2020.09.12
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-Surface blow built to 1/2" @ 13 mins & maintained blow
 60-ISI-No blow back
 30-FF-Surface blow @ 20 mins built to 1/8"
 60-FSI-No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	SOCM 5%O, 98% M	0.34

* 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
423 E Flint Hills Nationals CT
Andover, KS 67002
ATTN: Tim Pierce

2-21S-34W Finney,KS
Campbell #1-2
Job Ticket: 66558 **DST#: 5**
Test Start: 2020.09.12 @ 11:11:00

Tool Information

Drill Pipe:	Length: 4559.00 ft	Diameter: 3.80 inches	Volume: 63.95 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 65.14 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4803.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	64.00 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			4772.00	
Shut In Tool	5.00			4777.00	
Hydraulic tool	5.00	1113		4782.00	
Jars	5.00	01-07		4787.00	
EM Tool	4.00			4791.00	
Safety Joint	3.00	-001		4794.00	
Packer	5.00			4799.00	32.00 Bottom Of Top Packer
Packer	4.00			4803.00	
Stubb	1.00			4804.00	
Recorder	0.00	8959	Inside	4804.00	
Recorder	0.00	8734	Outside	4804.00	
Perforations	28.00			4832.00	
Bullnose	3.00			4835.00	32.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21S-34W Finney,KS

423 E Flint Hills Nationals CT
Andover, KS 67002

Campbell #1-2

Job Ticket: 66558

DST#: 5

ATTN: Tim Pierce

Test Start: 2020.09.12 @ 11:11:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	SOCM 5%O, 98% M	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

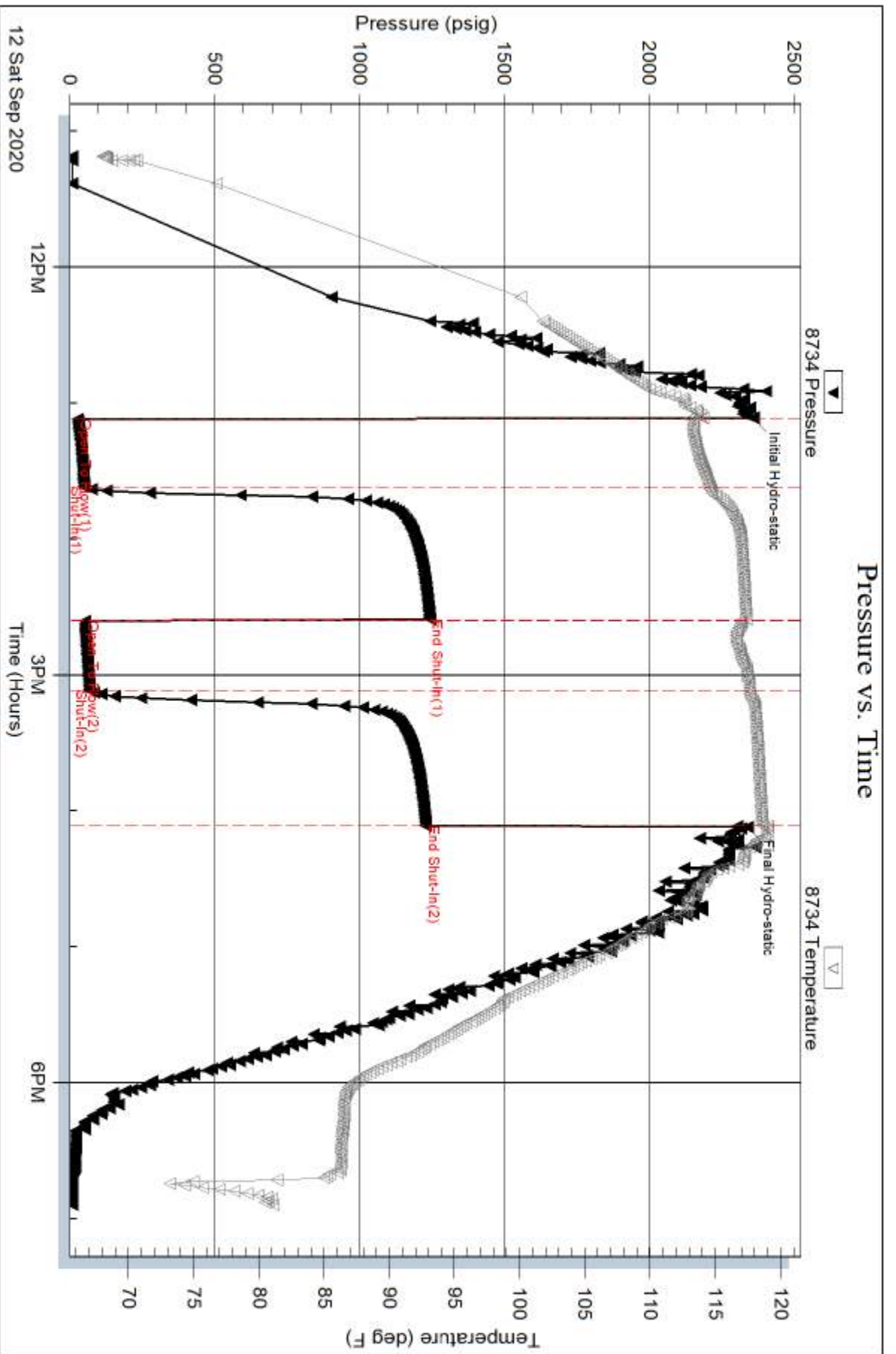
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



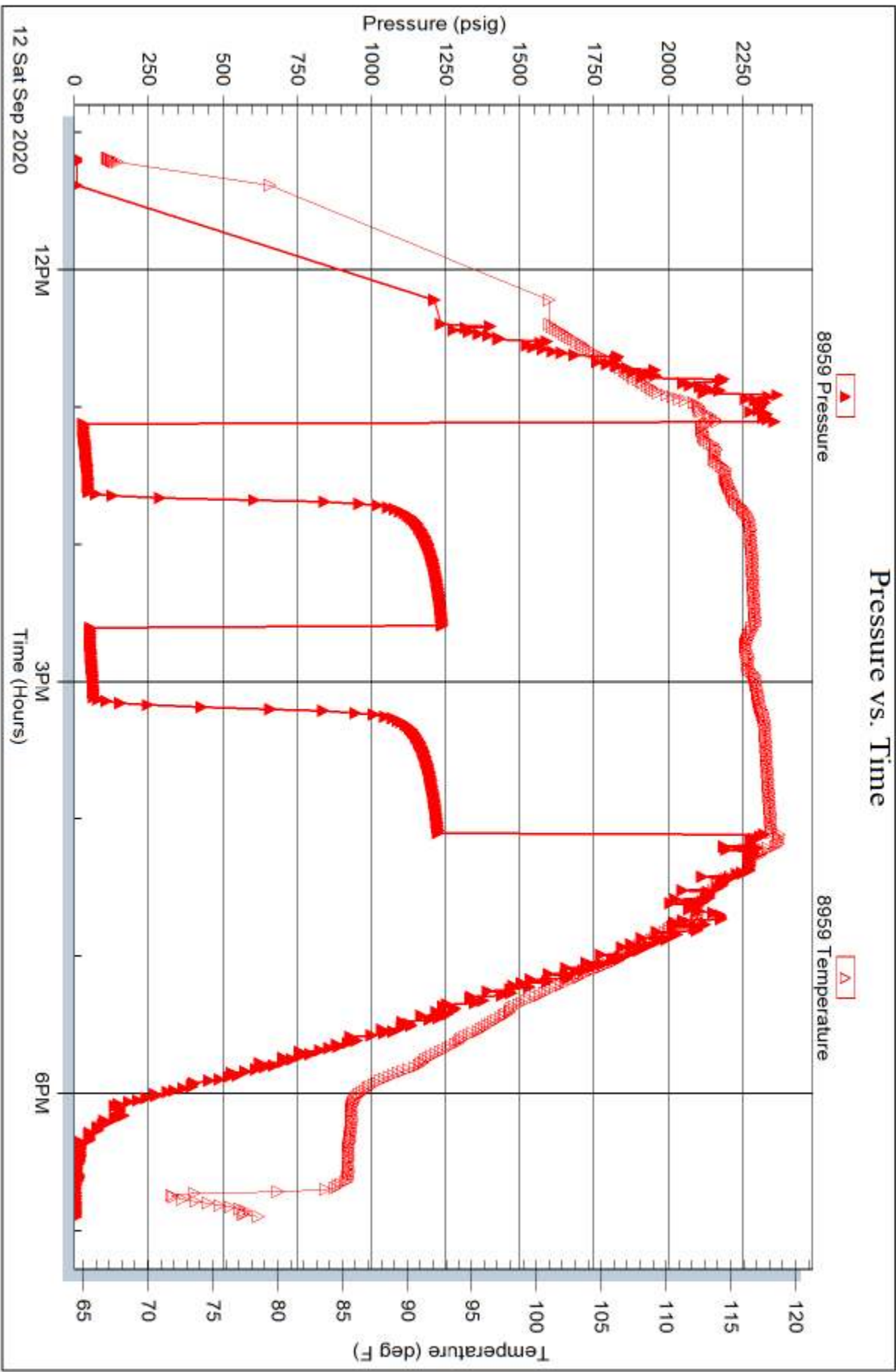
Serial #: 8959

Inside

Eagle Creek Corp

Campbell #1-2

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 66558

Printed: 2020.09.14 @ 09:43:35



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66554

NO.

Well Name & No. Campbell #1-2 Test No. 1 Date 9-8-20
 Company Eagle Creek Corp Elevation 2972 KB 2969 GL
 Address 423 E Flint Hills National, CT Andover, KS 67002
 Co. Rep / Geo. Tim Pierce Rig Murfin #21
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS.

Interval Tested 4324 - 4360 Zone Tested Marmaton "A"
 Anchor Length 36' Drill Pipe Run 4083 Mud Wt. 9.0
 Top Packer Depth 4319. Drill Collars Run 241 Vis 58
 Bottom Packer Depth 4324 Wt. Pipe Run — WL 7.2
 Total Depth 4360 Chlorides 3200 ppm System LCM 3#
 Blow Description IF - 1/4" blow increased to 1/2" & decreased to weak surface bubbles
ISI - No blowback
FF - No blow
FSI - No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spurs.</u>	<u>1</u>		<u>99</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 5 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2168</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>06:45</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>09:20</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:56</u>
(D) Initial Shut-In <u>71</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:56</u>
(E) Second Initial Flow <u>32</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:30</u>
(F) Second Final Flow <u>33</u>	<input checked="" type="checkbox"/> Mileage <u>SIRT.</u> <u>51</u>	Comments
(G) Final Shut-In <u>82</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2124</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1676</u>
	Sub Total <u>1676</u>	MP/DST Disc't

Approved By Tim Pierce Our Representative Justin Adams
 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 66555

NO.

Well Name & No. Campbell #1-2 Test No. 2 Date 9-9-20
 Company Eagle Creek Corp. Elevation 2972 KB 2961 GL
 Address 423 E Flint Hills National CT Andover, KS 67002
 Co. Rep / Geo. Tim Pierce Rig Murfin #21
 Location: Sec. 2 Twp 21 S. Rge. 34 W. Co. Finney State KS

Interval Tested 4362-4400 Zone Tested Marmaton "B-C"
 Anchor Length 33' Drill Pipe Run 4115 Mud Wt. 9.2
 Top Packer Depth 4357 Drill Collars Run 241 Vis 55
 Bottom Packer Depth 4362 Wt. Pipe Run --- WL 7.2
 Total Depth 4400 Chlorides 3300 ppm System LCM 2#

Blow Description IF - 1/4" blow built to 1/2" + decreased to surface. blow
ISI - No blowback
FF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 111 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2185</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>03:00</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>03:20</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>05:45</u>
(D) Initial Shut-In <u>171</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>07:45</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:00</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>SIRT 51</u>	Comments
(G) Final Shut-In <u>133</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2198</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1676</u>
	Sub Total <u>1676</u>	MP/DST Disc't

Approved By Tim Pierce Our Representative Mark Johnson

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 66556

NO.

Well Name & No. Campbell #1-2 Test No. 3 Date 9-9-20
 Company Eagle Creek Corp. Elevation 2972 KB 2961 GL
 Address 423 E Flint Hills National Rd Andover, KS 67002
 Co. Rep / Geo. Tim Pierce Rig Murfin #21
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS.

Interval Tested 4451 - 4480 Zone Tested Ft. Scott
 Anchor Length 29' Drill Pipe Run 4210 Mud Wt. 9.2
 Top Packer Depth 4446 Drill Collars Run 241 Vis 52
 Bottom Packer Depth 4451 Wt. Pipe Run — WL 7.2
 Total Depth 4480 Chlorides 3600 ppm System LCM 2#

Blow Description IF - B.O.B (11 inches) @ 6 mins (blow increased to 41")
ISI - S. blow built to 7" + decreased to 6 1/2"
FF - B.O.B (11 inches) @ 6 mins. (blow increased to 38 3/4")
FSI - B.O.B (11 inches) @ 18 mins (blow increased to 21" + decreased to 19")

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Feet of GOCWM.</u>	<u>23</u>	<u>15</u>	<u>27</u>	<u>30</u>
<u>60</u>	<u>Feet of GOCM.</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>—</u>
<u>240</u>	<u>Feet of CGO</u>	<u>31</u>	<u>69</u>	<u>—</u>	<u>—</u>
<u>0</u>	<u>Feet of 1400' GIP.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>Feet of</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 420 BHT 115 Gravity 30.3 API RW 285 @ 48.5 °F Chlorides 39,000 ppm

(A) Initial Hydrostatic <u>2183</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>23:25</u>
(B) First Initial Flow <u>36</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:50</u>
(C) First Final Flow <u>116</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>01:58</u>
(D) Initial Shut-In <u>996</u>	<input type="checkbox"/> Circ Sub <u>—</u>	T-Pulled <u>06:28</u>
(E) Second Initial Flow <u>123</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>09:20</u>
(F) Second Final Flow <u>171</u>	<input checked="" type="checkbox"/> Mileage <u>51 RT.</u> <u>51</u>	Comments <u>—</u>
(G) Final Shut-In <u>1007</u>	<input type="checkbox"/> Sampler <u>—</u>	<u>—</u>
(H) Final Hydrostatic <u>2167</u>	<input type="checkbox"/> Straddle <u>—</u>	<input checked="" type="checkbox"/> EM Tool <u>350</u>

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 120

Sub Total 1676 MP/DST Disc't —

Approved By Tim Pierce Our Representative [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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66557

NO.

Well Name & No. Campbell #1-2 Test No. 4 Date 9-10-20
 Company Eagle Creek Corp. Elevation 2972 KB 2961 GL
 Address 423 E Flint Hills National CT Andover, KS 67002
 Co. Rep / Geo. Tim Pierce Rig Murfin #21
 Location: Sec. 2 Twp 21 S. Rge. 34 W. Co. Finney State KS.

Interval Tested 4486 - 4529 Zone Tested Cherokee
 Anchor Length 43' Drill Pipe Run 4242 Mud Wt. 9.2
 Top Packer Depth 4481 Drill Collars Run 241 Vis 57
 Bottom Packer Depth 4486 Wt. Pipe Run — WL 8.0
 Total Depth 4529 Chlorides 3600 ppm System LCM 2H

Blow Description IF - S. blow built to 1/2" & decreased to 1/4"
ISI - No blowback
FF - No blow
FSS - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>SOCM</u>	<u>10</u>		<u>90</u>	
<u>0</u>	<u>Heavy oil in tool</u>				

Rec Total 10 BHT 111 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2238</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>17:45</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:10</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:24</u>
(D) Initial Shut-In <u>47</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:24</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:58</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>SIRT 51</u>	Comments
(G) Final Shut-In <u>48</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2220</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1676</u>
	Sub Total <u>1676</u>	MP/DST Disc't

Approved By Tim Pierce Our Representative Yakovlev
 Tribolite 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 66558

NO.

Well Name & No. Campbell #1-2 Test No. 5 Date 9-12-20
 Company Eagle Creek Corp. Elevation 2972 KB 2961 GL
 Address 423 E Flint Hills National CT Andover, KS 67002.
 Co. Rep / Geo. Tim Pierce Rig Murfin #21
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS.

Interval Tested 4803 - 4835. Zone Tested St. Louis "C"
 Anchor Length 32' Drill Pipe Run 4559. Mud Wt. 9.1
 Top Packer Depth 4798 Drill Collars Run 241 Vis 52
 Bottom Packer Depth 4803 Wt. Pipe Run --- WL 7.2
 Total Depth 4835 Chlorides 3400 ppm System LCM 6H

Blow Description IF - S. blow built to 1/2" @ 13 mins + maintained blow
ISI - No blowback
FF - S. blow @ 20 mins built to 1/8"
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>50 CM</u>	<u>5</u>		<u>9.5</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 70 BHT 119 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2361</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>10:35</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:11</u>
(C) First Final Flow <u>49</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:06</u>
(D) Initial Shut-In <u>1242</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:06.</u>
(E) Second Initial Flow <u>54</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:54</u>
(F) Second Final Flow <u>68</u>	<input checked="" type="checkbox"/> Mileage <u>SIRT.</u> <u>51</u>	Comments <u>Tools loaded @</u>
(G) Final Shut-In <u>1228</u>	<input type="checkbox"/> Sampler	<u>20:00 9-12-20</u>
(H) Final Hydrostatic <u>2339</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1676</u>
	Sub Total <u>1676</u>	MP/DST Disc't <u>---</u>

Approved By Tim Pierce Our Representative [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.



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
EAGLE CREEK CORPORATION
8100 E 22ND ST N
BLDG 1500, SUITE A
WICHITA, KS 67226

9/30/2020
ENTERED

Invoice Date: 9/3/2020
Invoice #: 0349162
Lease Name: Campbell
Well #: 1-2 (New)
County: Finney, Ks
Job Number: ICT4085
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pump Service	1.000	562.500	562.50
Heavy Eq Mileage	60.000	3.000	180.00
Light Eq Mileage	60.000	1.500	90.00
Ton Mileage	543.300	1.125	611.21
Cement Pozmix 60/40	200.000	9.750	1,950.00

PAID
10/6/2020
Chk# 53248
spot 7

Vendor No. HSI Lease No. 05501
GL# 21190 Amt 1,3393.71
GL# _____ Amt _____
GL# _____ Amt _____

Total 3,393.71

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.
SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
9/13/2020	33212

BILL TO
Eagle Creek Corporation 423 E. Flint Hills National Court Andover, KS 67202

- Acidizing
- Cement
- Tool Rental

9/30/2020
ENTERED

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
Net 30	#1-2	Campbell	Finney	Murfin Drlg Rig #...	Oil	Development	2 stage longstring	Jonathan	
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT	
575D	Mileage - 1 Way				80	Miles	5.00	400.00	
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	1,900.00	1,900.00	
290	D-Air				2	Gallon(s)	42.00	84.00T	
281	Mud Flush				500	Gallon(s)	1.50	750.00T	
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T	
402-5	5 1/2" Centralizer				8	Each	75.00	600.00T	
403-5	5 1/2" Cement Basket				2	Each	275.00	550.00T	
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T	
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,375.00	3,375.00T	
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T	
330	Swift Multi-Density Standard (MIDCON II)				235	Sacks	17.00	3,995.00T	
325	Standard Cement				175	Sacks	13.50	2,362.50T	
284	Calseal				8	Sack(s)	40.00	320.00T	
292	Halad 322				83	Lb(s)	8.50	705.50T	
276	Flocele				100	Lb(s)	3.00	300.00T	
581D	Service Charge Cement				410	Sacks	1.85	758.50	
583D	Drayage				1,669.28	Ton Miles	0.95	1,585.82	
283	Salt				950	Lb(s)	0.25	237.50T	
	Subtotal							18,548.82	
Customer Disc...	Customer Discount Per Ted						-15.00%	-2,782.32	
	Subtotal							15,766.50	
	Sales Tax Finney County						7.95%	939.60	
Vendor No. <u>SKM</u>				Lease No. <u>03001</u>					
GL# <u>72550</u>				Amt <u>\$16,706.10</u>					
GL# _____				Amt _____					
GL# _____				Amt _____					

PAID
10/6/2020
CK # 93093
stat 2

We Appreciate Your Business!

Total

\$16,706.10

LOG

SWIFT Services, Inc.

DATE

09/13/2020 1

PAGE NO.

CUSTOMER

Eagle Creek Corp

WELL NO.

1-2

LEASE

Campbell

JOB TYPE

2 stage L.S.

TICKET NO.

033212

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							On location w/float Equipment
								RTD - 4885'
								Total Pipe - 4883'
								5 1/2" x 15.5 #
								D.V. Tool - 2089'; top of 66'
								Baffle plate - 4873'
								Centralizers - Shoe It, 1, 6, 8, 10, 14, 64, 67
								Baskets - 4, 66
	1815							Start Pipe w/float Equipment
	2130							Break Circulation on Bottom
	2245	4	12			300		Pump Mud flush
		4	20			300		Pumps K.C.H. spacer
								Take on 2 Tanks Mud.
	2300	4	42					Pump EA2 Cement
	2315							Drop Plug, Washout Pump + Lines
	2320	6				300		Start Displacement w/water
		7 1/2	70			400		Switch to Displace w/mud.
		7 1/2	90			500		Catch Cmt
	2345	6	116			700 1500		Land Plug - Lift PSI 900 #
	2							Release Trk, Dry
	2350							Drop D.V. Bomb
		2 1/2	8					Plug R.H. w/30 sks SMD
		2 1/2	4					Plug M.H. w/15 sks SMD
	0005		5			900		Open D.V. Tool, Verify Circulation.
		8				350		Start SMD Cmt @ 11.2 ppg
	1220							Fin Cmt, Drop Plug
	1223	6 1/2						Start Displacement
			45			600		Lift
	1232	6	50			1250		Land Plug, Circ 30 sks top to.
								Release Truck, -Dry
								Wash up
	1250							Rack up
	1300							Job Complete Thanks

Tam. Austin. Isaac

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY Eagle Creek Corporation
 LEASE Campbell #1-2
 FIELD Wildcat
 LOCATION 2305' FSL & 2250' FWL
 SEC 2 TWSP 21 S RGE 34 W
 COUNTY Finney STATE Kansas
 CONTRACTOR Murfin Drilling Rig #21
 SPUD 9-04-2020 COMP 9-13-2020
 RTD 4885 LTD 4887
 MUD UP 3500 TYPE MUD Chemical
 SAMPLES SAVED FROM 3700 TO RTD
 DRILLING TIME KEPT FROM 3300 TO RTD
 SAMPLES EXAMINED FROM 3700 TO RTD
 GEOLOGICAL SUPERVISION FROM 3780 TO RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS
 KB 2972'
 DF _____
 GL 2961'
 Measurements Are All
 From KB

CASING
 CONDUCTOR _____
 SURFACE 8-5/8" set @ 268'
 PRODUCTION 5-1/2" @ ~4885'

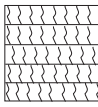
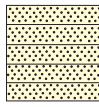
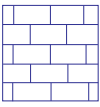
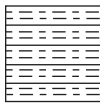

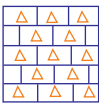

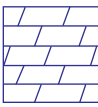
ELECTRICAL
 SURVEYS
DIL - CN/CD-Sonic
(ELI Wireline)

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite Top	2108 (+864)	2108 (+864)
Anhydrite Base	2123 (+849)	2123 (+849)
Heebner	3838 (-866)	3838 (-866)
Lansing	3881 (-909)	3881 (-909)
Stark Sh.	4197 (-1225)	4197 (-1225)
Marmaton	4347 (-1375)	4347 (-1375)
Cherokee Shale	4473 (-1501)	4473 (-1501)
Morrow Sh.	4656 (-1684)	4656 (-1684)
Mississippi	4688 (-1716)	4688 (-1716)

REMARKS DST results indicate a probable commercial zone from the Ft. Scott Limestone
No other commercial zones were indicated by drill stem tests or electric log analysis
The decision was made to run production casing for a completion attempt in the Ft. Scott

Timothy G. Pierce

LEGEND

							
Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 	DEPTH	LITHOLOG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
--	-------	----------	-----------	--------------------	---------

API# 15-055-22,536

5 10 15

F

OGY

10 50 100 500

No Gas Detector used

Geologist on location
5:30 PM 9-06-20
3780"

9-02-20 - MIRT
 9-03-20 - Finish MIRT Spud 10 AM drill 12-1/4" hole to 268', run 6 jts 8-5/8" 23# casing. Cem w/200sx 60/40 poz, 2%gel, PD 3:30 PM Drill out under surf at 11:30 PM w/PDC bit DM605
 1 degree at 268'
 9-04-20 - drlg 7-7/8" hole @ 970'
 9-05-20 - drlg @ 2475'
 9-06-20 - Trip for bit @ 3548' Run Smith FH 20 button bit, Start drlg @ 8:45 AM Mud displaced Pipe strap 3549.76' Board 3547.89' Strap long 1.87'
 9-07-20 - drlg @ 4072'
 9-08-20 - 4360' TOH for DST #1
 9-09-20 - 4400' on bottom w/ DST #2
 9-10-20 - 4480' TOH w/ DST #3
 9-11-20 - drlg @ 4565'
 9-12-20 - drlg @ 4823'
 9-13-20 - 4885' RTD Logging

2000

50

2100

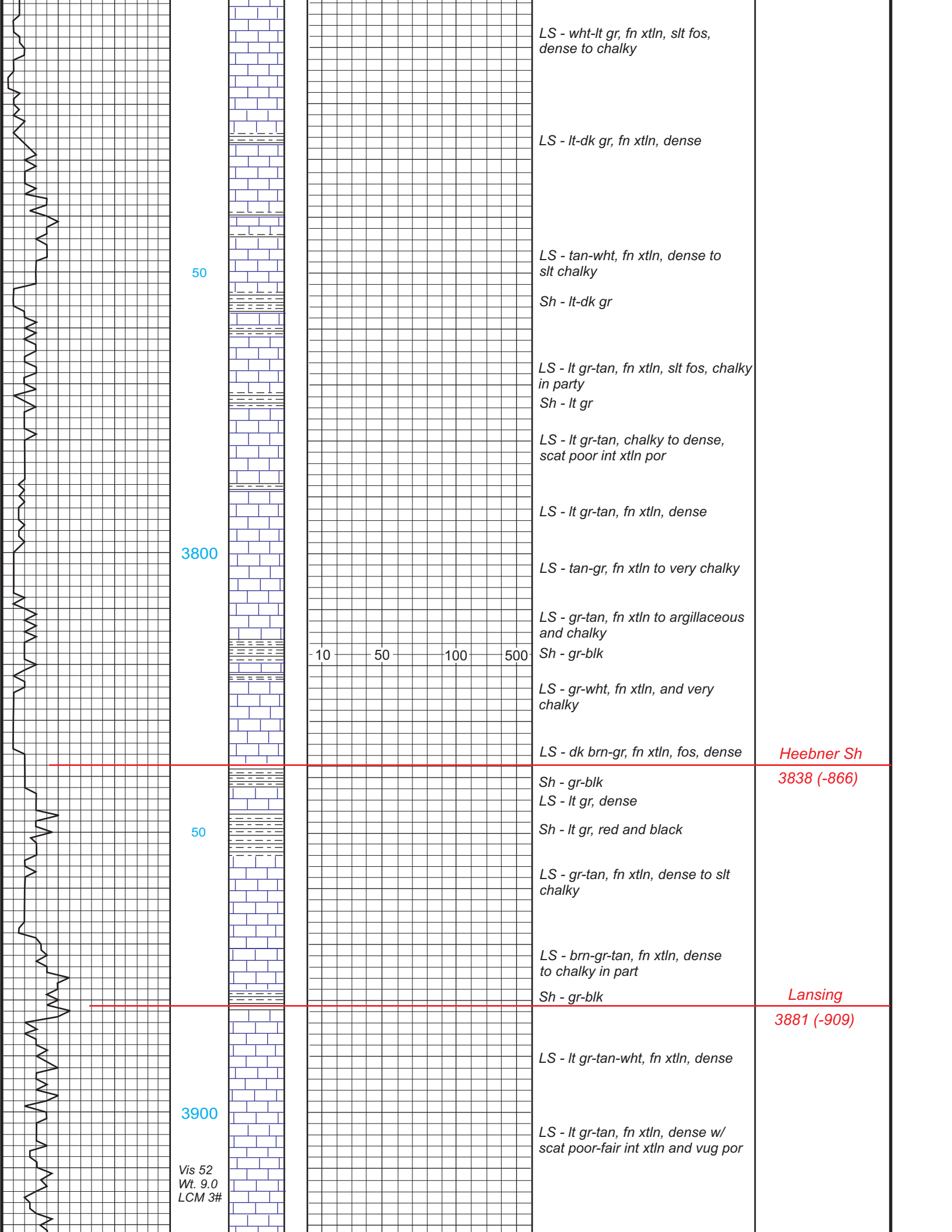
Top Anhydrite
2108 (+864)

Base Anhydrite
2123 (+849)

50

3700





50

3800

50

3900

Vis 52
Wt. 9.0
LCM 3#

10 50 100 500

Heebner Sh
3838 (-866)

Lansing
3881 (-909)

LS - wht-lt gr, fn xtl, slt fos, dense to chalky

LS - lt-dk gr, fn xtl, dense

LS - tan-wht, fn xtl, dense to slt chalky

Sh - lt-dk gr

LS - lt gr-tan, fn xtl, slt fos, chalky in party

Sh - lt gr

LS - lt gr-tan, chalky to dense, scat poor int xtl por

LS - lt gr-tan, fn xtl, dense

LS - tan-gr, fn xtl to very chalky

LS - gr-tan, fn xtl to argillaceous and chalky

Sh - gr-blk

LS - gr-wht, fn xtl, and very chalky

LS - dk brn-gr, fn xtl, fos, dense

Sh - gr-blk

LS - lt gr, dense

Sh - lt gr, red and black

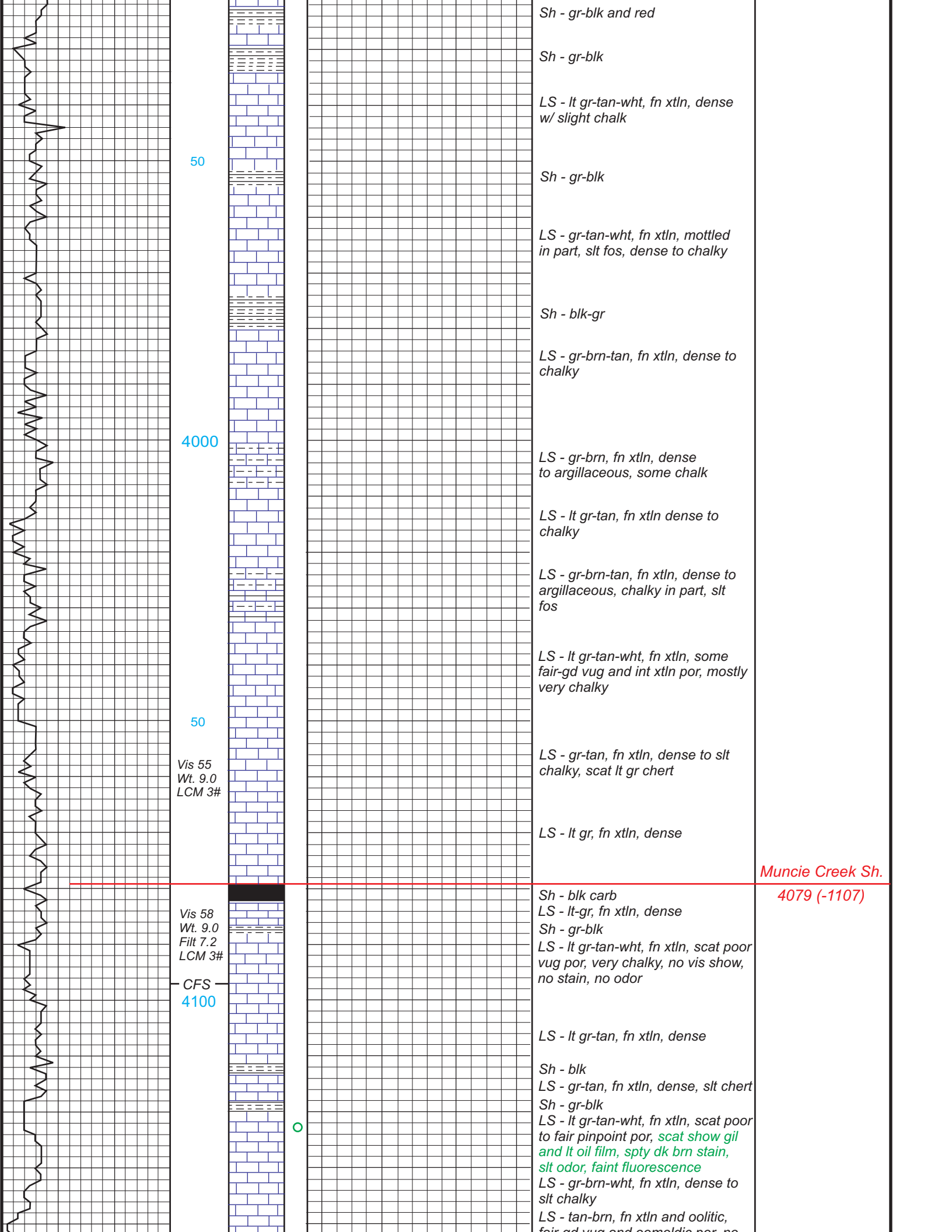
LS - gr-tan, fn xtl, dense to slt chalky

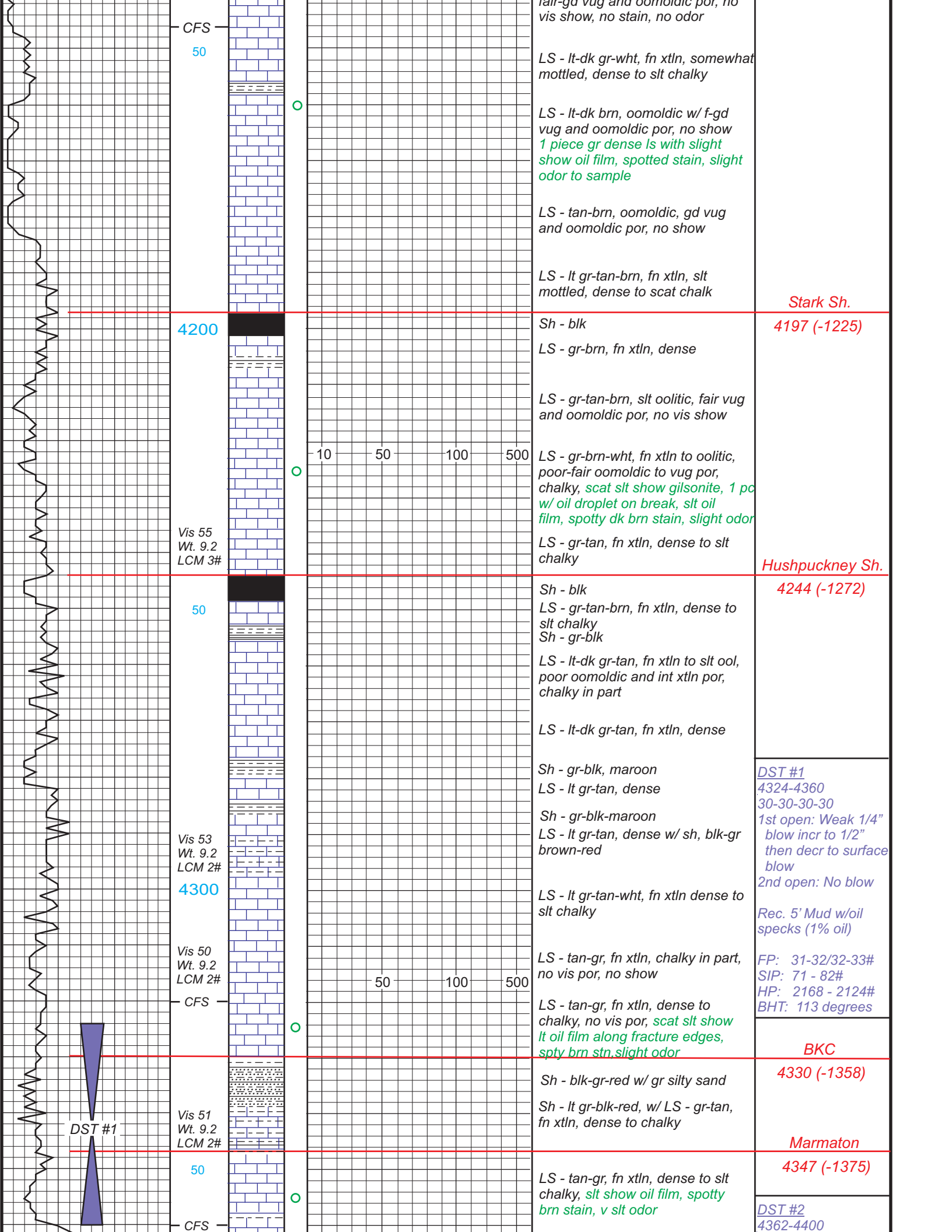
LS - brn-gr-tan, fn xtl, dense to chalky in part

Sh - gr-blk

LS - lt gr-tan-wht, fn xtl, dense

LS - lt gr-tan, fn xtl, dense w/ scat poor-fair int xtl and vug por





CFS
50

fair-gd vug and oomoldic por, no vis show, no stain, no odor

LS - lt-dk gr-wht, fn xtln, somewhat mottled, dense to slt chalky

LS - lt-dk brn, oomoldic w/ f-gd vug and oomoldic por, no show
1 piece gr dense ls with slight show oil film, spotted stain, slight odor to sample

LS - tan-brn, oomoldic, gd vug and oomoldic por, no show

LS - lt gr-tan-brn, fn xtln, slt mottled, dense to scat chalk

Stark Sh.

4200

Sh - blk

4197 (-1225)

LS - gr-brn, fn xtln, dense

LS - gr-tan-brn, slt oolitic, fair vug and oomoldic por, no vis show

10 50 100 500

LS - gr-brn-wht, fn xtln to oolitic, poor-fair oomoldic to vug por, chalky, scat slt show gilsonite, 1 pc w/ oil droplet on break, slt oil film, spotty dk brn stain, slight odor

Vis 55
Wt. 9.2
LCM 3#

LS - gr-tan, fn xtln, dense to slt chalky

Hushpuckney Sh.

50

Sh - blk

4244 (-1272)

LS - gr-tan-brn, fn xtln, dense to slt chalky
Sh - gr-blk

LS - lt-dk gr-tan, fn xtln to slt ool, poor oomoldic and int xtln por, chalky in part

LS - lt-dk gr-tan, fn xtln, dense

Sh - gr-blk, maroon
LS - lt gr-tan, dense

DST #1
4324-4360
30-30-30-30
1st open: Weak 1/4" blow incr to 1/2" then decr to surface blow
2nd open: No blow

Vis 53
Wt. 9.2
LCM 2#

Sh - gr-blk-maroon
LS - lt gr-tan, dense w/ sh, blk-gr brown-red

4300

LS - lt gr-tan-wht, fn xtln dense to slt chalky

Rec. 5' Mud w/oil specks (1% oil)

Vis 50
Wt. 9.2
LCM 2#

50 100 500

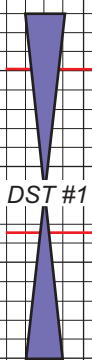
LS - tan-gr, fn xtln, chalky in part, no vis por, no show

FP: 31-32/32-33#
SIP: 71 - 82#
HP: 2168 - 2124#
BHT: 113 degrees

CFS

LS - tan-gr, fn xtln, dense to chalky, no vis por, scat slt show lt oil film along fracture edges, spty brn stn, slight odor

BKC



Vis 51
Wt. 9.2
LCM 2#

Sh - blk-gr-red w/ gr silty sand
Sh - lt gr-blk-red, w/ LS - gr-tan, fn xtln, dense to chalky

4330 (-1358)

Marmaton

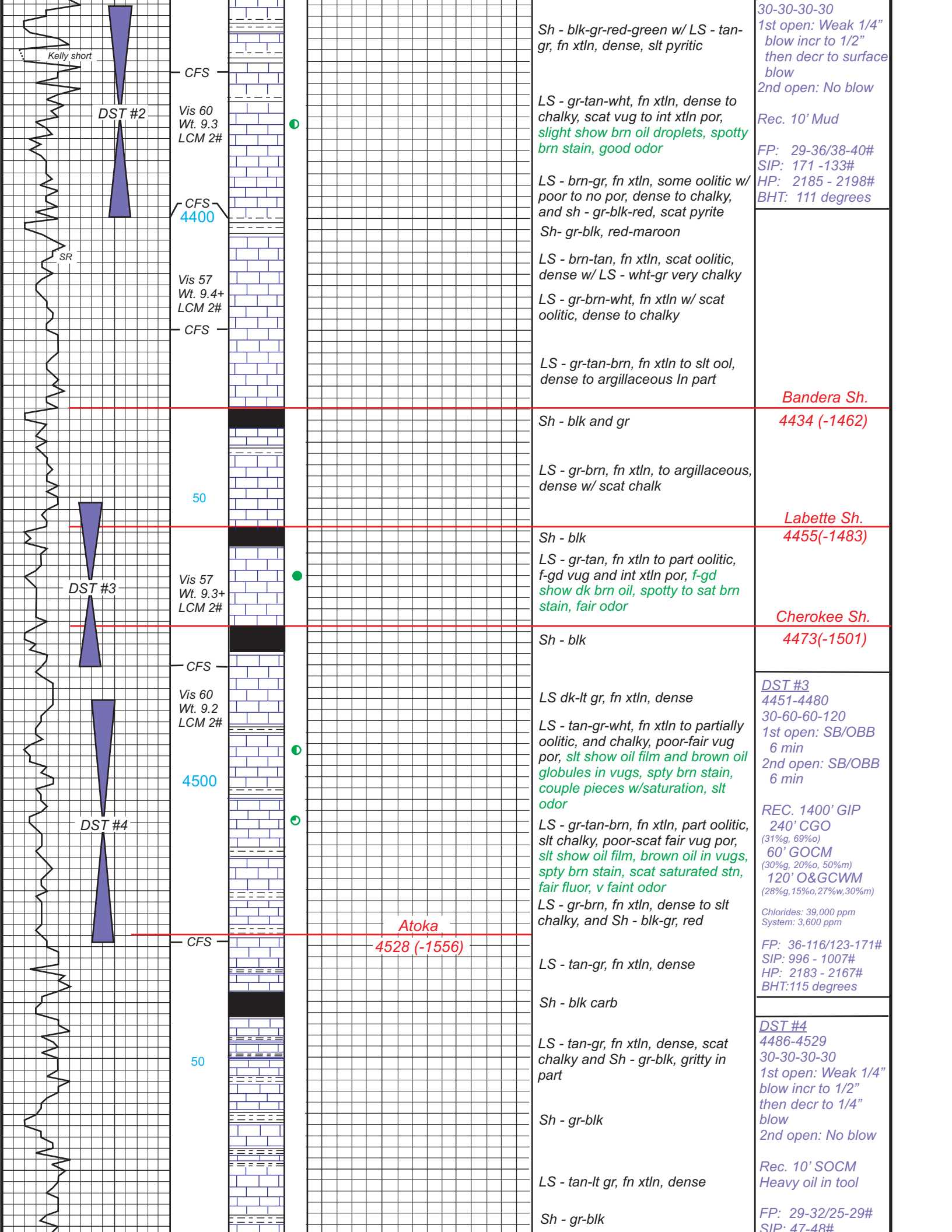
50

LS - tan-gr, fn xtln, dense to slt chalky, slt show oil film, spotty brn stain, v slt odor

4347 (-1375)

CFS

DST #2
4362-4400



Vis 50
Wt. 9.3
Filt 8.0
LCM 1#

4600

LS - tan-brn-gr, fn xtl, poor int xtl por, fair show oil film, good odor, spty to sat brn stain, dull to scat spotty bright fluorescence

LS - tan-brn, fn xtl, dense, scat v poor int xtl por, vslt show oil film, scat spty stain, fair odor

LS - gr-tan, fn xtl, dense scat poor int xtl por, scat vslt show oil film, spty stain faint odor

LS - lt-dk gr, fn xtl, dense, scat gr vitreous chert, and Sh - gr-blk

LS - dk g-r, fn xtl, dense, and Sh - gr-blk

LS - dk gr-brn, fn xtl, dense

50

Morrow Sh.
4656 (-1684)

Sh - blk and gr

LS - dk gr, fn xtl, dense

Sh - gr-blk, some slt silty

Sh - gr-blk w/ SS - lt gr, fn grained, tightly cem, no vis por, no show

LS - tan-gr, fn xtl, dense

Sh - gr-blk, splintery

St. Genevieve LS
4688 (-1716)

CFS

4700

LS - lt gr-tan-wht, sandy to slt chalky

LS - lt gr-wht, sandy to chalky, no vis por, no show, scat orange chert

LS - lt gr-wht, sandy and slt chalky, no vis por

LS - wht-lt gr, sandy to slt chalky

Vis 52
Wt. 9.3
LCM 3#

Sh - gr-blk, abundant orange chert

St. Louis
4749 (-1777)

50

LS - tan-crm, fn xtl and slt oolitic, dense

LS - tan-crm-wht, fn xtl and slt oolitic, no vis por, couple pieces w/ slt show oil film, spty brn stain, no odor, spotty fluorescence

LS - lt gr-crm, fn xtl and slt oolitic, dense

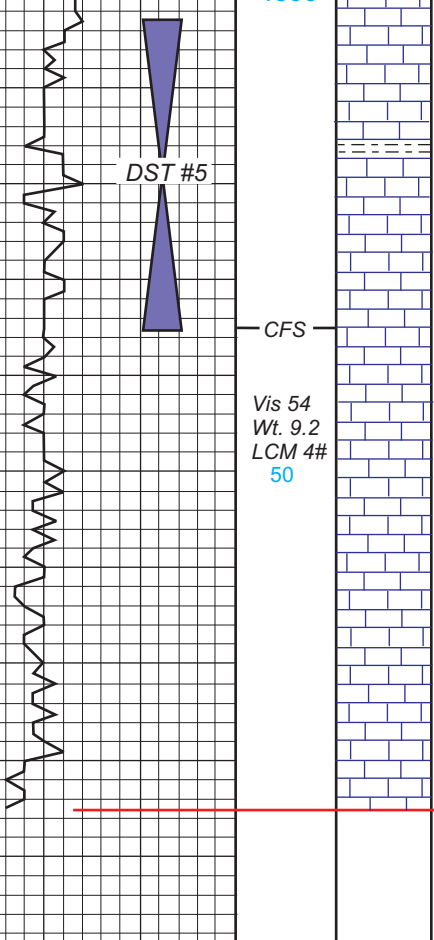
CFS

LS - lt gr-tan, fn xtl, slt oolitic, dense

DST #5
4803-4835
20 60 20 60

4800

Premix
Vis 55
Wt. 9.1
LCM 8#
Losing Fluid



LS - lt gr-tan, fn xtl, slt ool

LS - tan-wht, fn xtl and slt ool, dense

LS - lt gr-tan-wht, fn xtl and ool, couple pieces w/ slt vug to int oolitic por, slt show lt oil film, spty lt brn stain, dull fluor

LS - lt gr-tan-wht, fn xtl and slt oolitic, partially chalky

LS - tan-crm-wht, fn xtl and ool, chalky in part, scat gr vitreous chert

LS - tan-wht, fn xtl, some oolites, dense to chalky

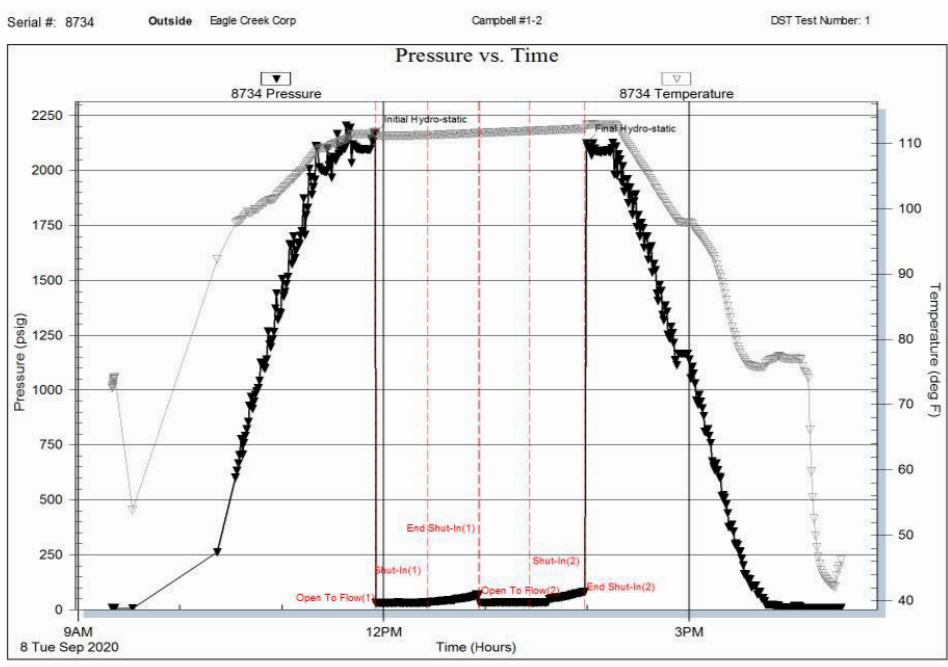
LS - tan-lt gr-wht, fn xtl, dense to chalky

LS - lt gr, fn xtl, dense

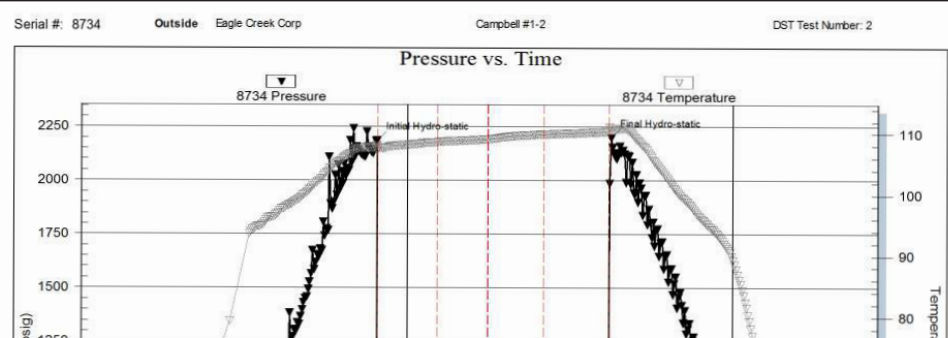
LS - lt gr-tan-wht, fn xtl, dense to chalky, scat gr-tan vitr chert

30-60-30-60
1st open: Weak blow incr to 1/2"
2nd open: surface blow after 20 min, incr to 1/8"
Rec. 70' SOCM (5% oil, 95% mud)
FP: 28-49/54-68#
SIP: 1242-1228#
HP: 2361 - 2339#
BHT: 119 degrees

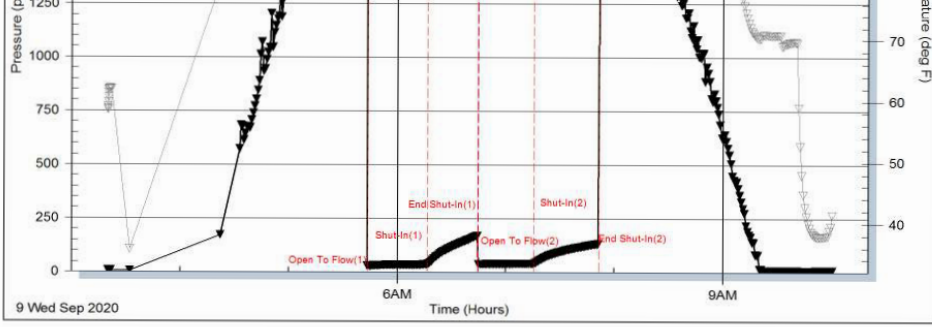
RTD
4885 (-1913)



DST #1
4324-4360
30-30-30-30
1st open: Weak 1/4" blow incr to 1/2" then decr to surface blow
2nd open: No blow
Rec. 5' Mud w/oil specks (1% oil)
FP: 31-32/32-33#
SIP: 71 - 82#
HP: 2168 - 2124#
BHT: 113 degrees



DST #2
4362-4400
30-30-30-30
1st open: Weak 1/4" blow incr to 1/2" then decr to surface blow
2nd open: No blow



Rec. 10' Mud

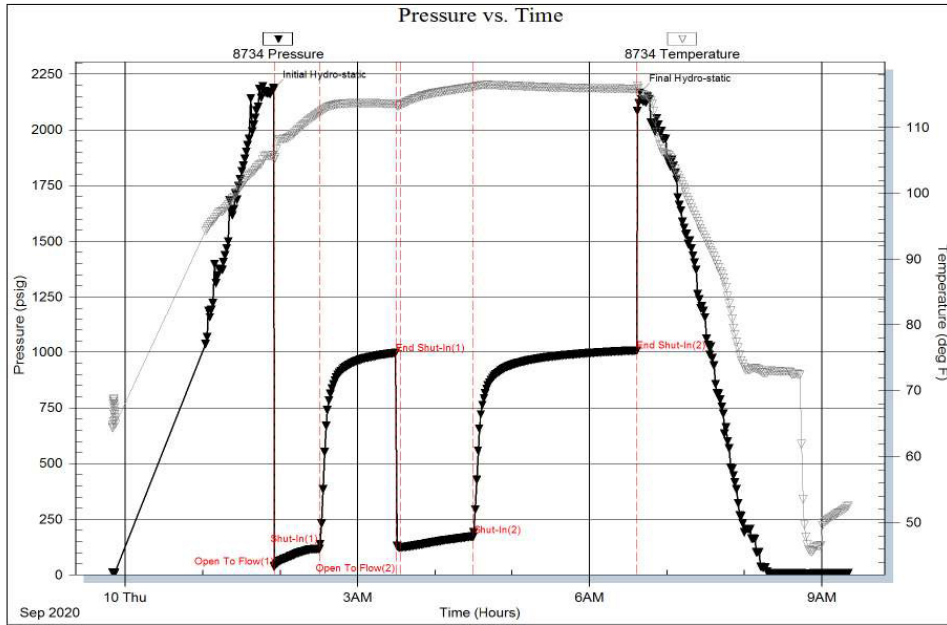
FP: 29-36/38-40#
 SIP: 171 -133#
 HP: 2185 - 2198#
 BHT: 111 degrees

Trilobe Testing, Inc

Ref. No: 66555

Printed: 2020.09.09 @ 10:11:02

Serial #: 8734 Outside Eagle Creek Corp Campbell #1-2 DST Test Number: 3



DST #3

4451-4480
 30-60-60-120
 1st open: SB/OBB
 6 min
 2nd open: SB/OBB
 6 min

REC. 1400' GIP
 240' CGO
 (31%g, 69%o)
 60' GOCM
 (30%g, 20%o, 50%w)
 120' O&GCWM
 (28%g, 15%o, 27%w, 30%w)

Chlorides: 39,000 ppm
 System: 3,600 ppm

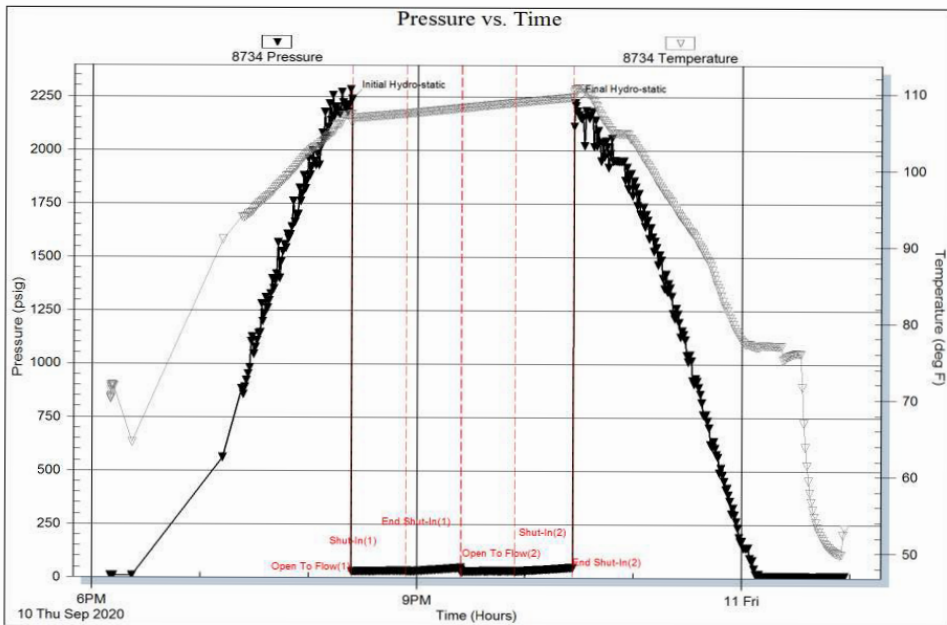
FP: 36-116/123-171#
 SIP: 996 - 1007#
 HP: 2183 - 2167#
 BHT: 115 degrees

Trilobe Testing, Inc

Ref. No: 66556

Printed: 2020.09.10 @ 09:35:58

Serial #: 8734 Outside Eagle Creek Corp Campbell #1-2 DST Test Number: 4



DST #4

4486-4529
 30-30-30-30
 1st open: Weak 1/4"
 blow incr to 1/2"
 then decr to 1/4"
 blow
 2nd open: No blow

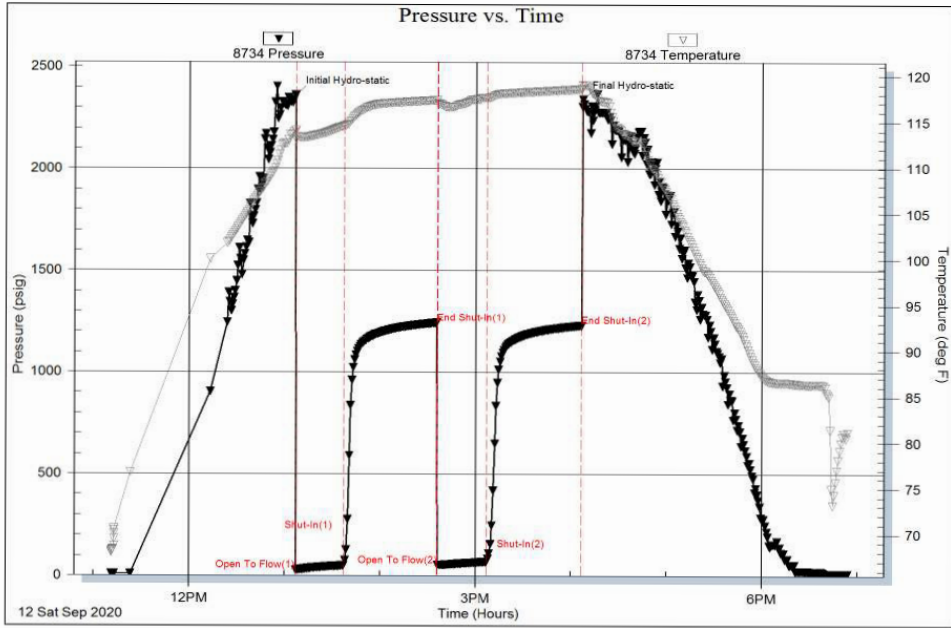
Rec. 10' SOCM
 Heavy oil in tool

FP: 29-32/25-29#
 SIP: 47-48#
 HP: 2238 - 2220#
 BHT: 111 degrees

Trilobe Testing, Inc

Ref. No: 66557

Printed: 2020.09.11 @ 01:08:10



DST #5
4803-4835
30-60-30-60
1st open: Weak
blow incr to 1/2"

2nd open: surface
blow after 20 min,
incr to 1/8"

Rec. 70' SOCM
(5% oil, 95% mud)

FP: 28-49/54-68#
SIP: 1242-1228#
HP: 2361 - 2339#
BHT: 119 degrees