

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)</i> <i>(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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Form	ACO1 - Well Completion
Operator	Eagle Creek Corporation
Well Name	PATTON 1-1
Doc ID	1633480

All Electric Logs Run

DUAL INDUCTION
NEUTRON/DENSITY
MICROLOG
SONIC



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

423 E Flint Hills
National CT
Andover, KS 67002

ATTN: Bob Odell

Patton #1-1

1-20S.-33W. Scott,KS

Start Date: 2022.01.03 @ 09:16:00

End Date: 2022.01.03 @ 20:26:19

Job Ticket #: 68374 DST #: 1

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

Printed: 2022.01.07 @ 08:29:09



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation
 423 E Flint Hills
 National CT
 Andover, KS 67002
 ATTN: Bob Odell

1-20S.-33W. Scott,KS

Patton #1-1

Job Ticket: 68374

DST#: 1

Test Start: 2022.01.03 @ 09:16:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:43:20

Time Test Ended: 20:26:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 81

Interval: **4579.00 ft (KB) To 4650.00 ft (KB) (TVD)**

Reference Elevations: 2944.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

2939.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8959 Inside

Press@RunDepth: 54.04 psig @ 4580.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.03

End Date:

2022.01.03

Last Calib.:

2022.01.03

Start Time: 09:16:01

End Time:

20:26:19

Time On Btm:

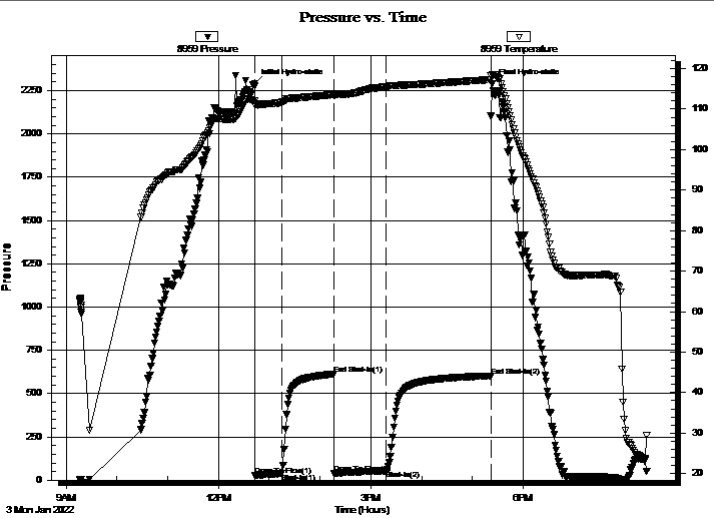
2022.01.03 @ 12:43:10

Time Off Btm:

2022.01.03 @ 17:23:00

TEST COMMENT: 30-IF-S.blow built to 2"
 60-ISI-No return
 60-FF-S.blow built to 1 1/4"
 120-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.33	111.92	Initial Hydro-static
1	27.78	110.95	Open To Flow (1)
32	38.47	111.69	Shut-In(1)
93	613.18	113.58	End Shut-In(1)
94	40.22	113.39	Open To Flow (2)
155	54.04	115.51	Shut-In(2)
279	602.20	117.27	End Shut-In(2)
280	2288.67	118.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	OSM 3%O, 97%M	0.29
1.00	CO 100%O	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

1-20S.-33W. Scott,KS

423 E Flint Hills
National CT
Andover, KS 67002
ATTN: Bob Odell

Patton #1-1

Job Ticket: 68374

DST#: 1

Test Start: 2022.01.03 @ 09:16:00

Tool Information

Drill Pipe:	Length: 4459.00 ft	Diameter: 3.80 inches	Volume: 62.55 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4579.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	104.00 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			4547.00	
Shut In Tool	5.00			4552.00	
Hydraulic tool	5.00	1113		4557.00	
Jars	5.00	01-07		4562.00	
EM Tool	5.00			4567.00	
Safety Joint	3.00	-001		4570.00	
Packer	5.00			4575.00	33.00 Bottom Of Top Packer
Packer	4.00			4579.00	
Stubb	1.00			4580.00	
Recorder	0.00	8959	Inside	4580.00	
Recorder	0.00	8734	Outside	4580.00	
Perforations	31.00			4611.00	
Change Over Sub	1.00			4612.00	
Drill Pipe	32.00			4644.00	
Change Over Sub	1.00			4645.00	
Bullnose	5.00			4650.00	71.00 Bottom Packers & Anchor
Total Tool Length:	104.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation

1-20S.-33W. Scott,KS

423 E Flint Hills
National CT
Andover, KS 67002
ATTN: Bob Odell

Patton #1-1

Job Ticket: 68374

DST#: 1

Test Start: 2022.01.03 @ 09:16:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 3200.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	OSM 3%O, 97%M	0.290
1.00	CO 100%O	0.005

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Not enough to catch gravity

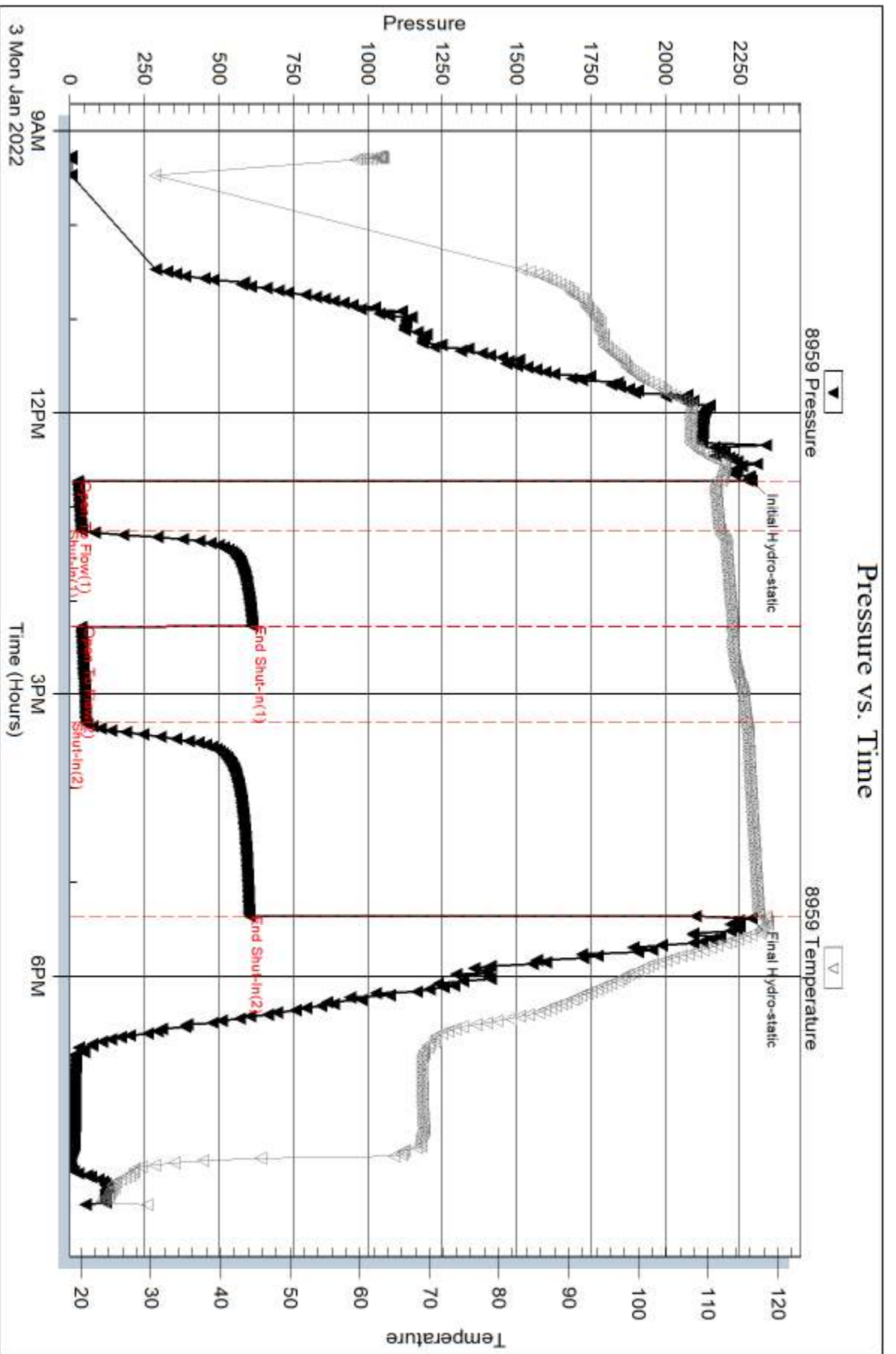
Serial #: 8959

Inside

Eagle Creek Corporation

Patton #1-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68374

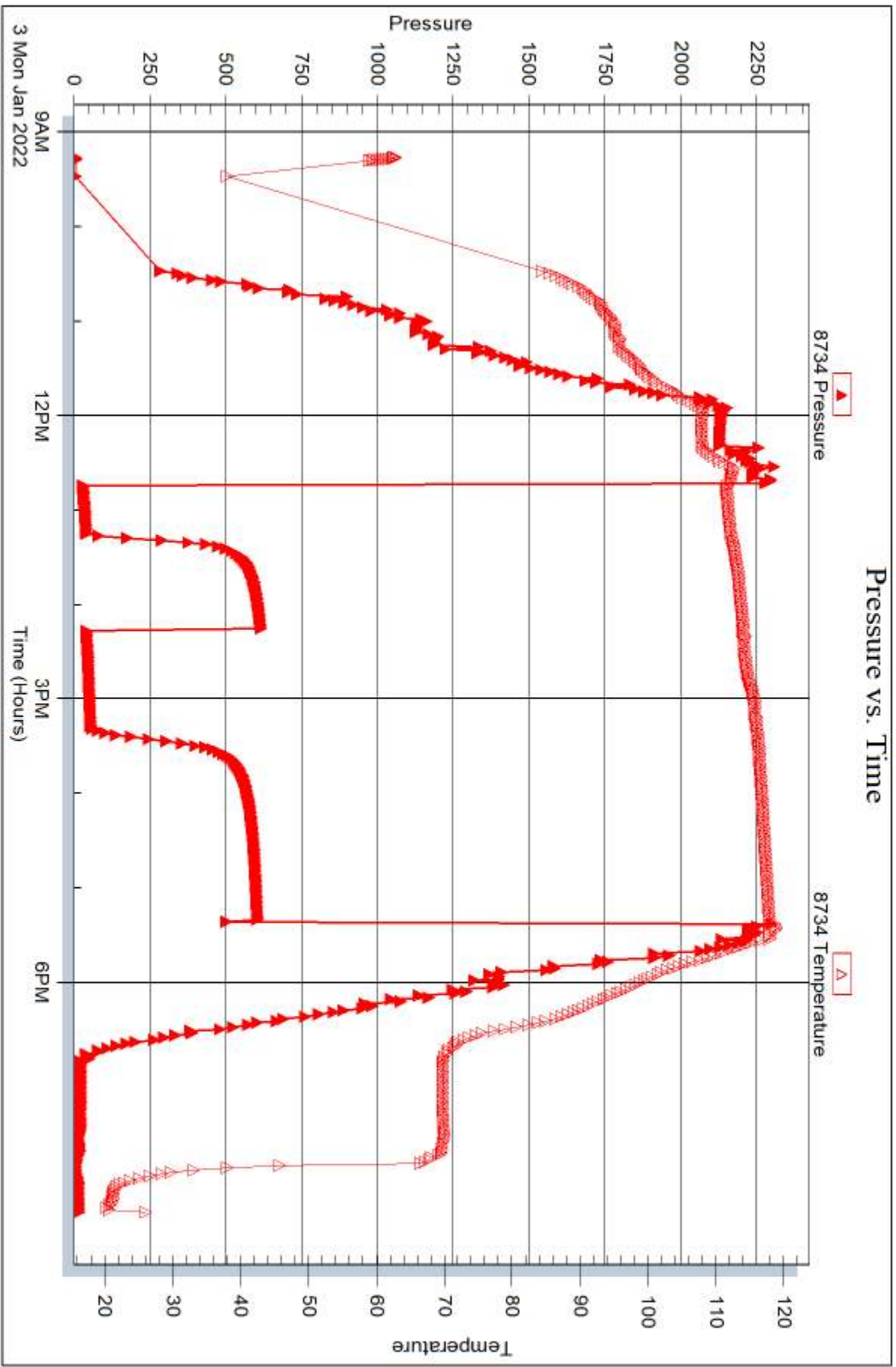
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Serial #: 8734

Outside Eagle Creek Corporation

Patton #1-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 68374

Printed: 2022.01.07 @ 08:29:11



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

423 E Flint Hills
National CT
Andover, KS 67002

ATTN: Bob Odell

Patton #1-1

1-20S.-33W. Scott,KS

Start Date: 2022.01.04 @ 11:10:00

End Date: 2022.01.04 @ 20:13:40

Job Ticket #: 68375 DST #: 2

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

Printed: 2022.01.07 @ 08:28:26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation
 423 E Flint Hills
 National CT
 Andover, KS 67002
 ATTN: Bob Odell

1-20S.-33W. Scott,KS

Patton #1-1

Job Ticket: 68375

DST#: 2

Test Start: 2022.01.04 @ 11:10:00

GENERAL INFORMATION:

Formation: **Morrow/St.Louis**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 13:21:00 Tester: Martine Salinas
 Time Test Ended: 20:13:40 Unit No: 81
 Interval: **4680.00 ft (KB) To 4714.00 ft (KB) (TVD)** Reference Elevations: 2944.00 ft (KB)
 Total Depth: 4714.00 ft (KB) (TVD) 2939.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

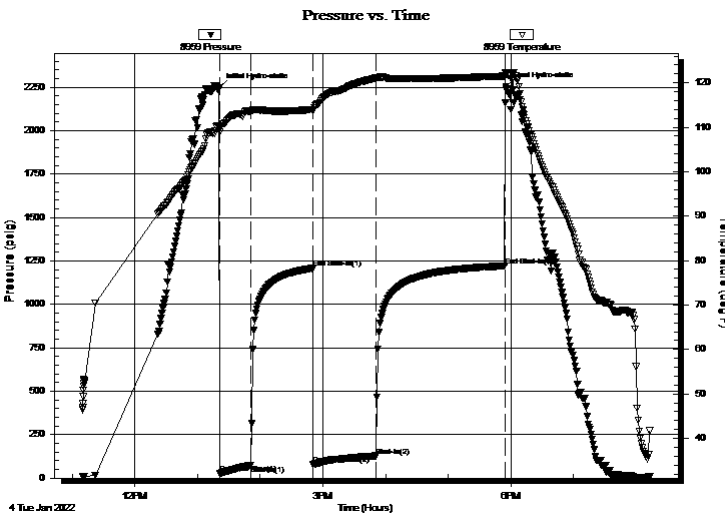
Serial #: 8959

Inside

Press@RunDepth: 128.29 psig @ 4681.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.01.04 End Date: 2022.01.04 Last Calib.: 2022.01.04
 Start Time: 11:10:01 End Time: 20:13:40 Time On Btm: 2022.01.04 @ 13:20:50
 Time Off Btm: 2022.01.04 @ 17:55:30

TEST COMMENT: 30-IF-Surface.blow built to 4 1/4"
 60-ISI-No return
 60-FF-Surface blow built to 5 1/4"
 120-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.95	110.34	Initial Hydro-static
1	26.24	108.87	Open To Flow (1)
31	74.97	113.65	Shut-In(1)
90	1207.45	113.96	End Shut-In(1)
90	79.75	113.70	Open To Flow (2)
151	128.29	121.14	Shut-In(2)
274	1221.51	121.51	End Shut-In(2)
275	2253.76	122.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	OSM 4%O, 96%M	1.22

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

1-20S.-33W. Scott,KS

423 E Flint Hills
National CT
Andover, KS 67002
ATTN: Bob Odell

Patton #1-1

Job Ticket: 68375

DST#: 2

Test Start: 2022.01.04 @ 11:10:00

Tool Information

Drill Pipe:	Length: 4491.00 ft	Diameter: 3.80 inches	Volume: 63.00 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: 174.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 63.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4680.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4648.00	
Shut In Tool	5.00			4653.00	
Hydraulic tool	5.00	1113		4658.00	
Jars	5.00	01-07		4663.00	
EM Tool	5.00			4668.00	
Safety Joint	3.00	-001		4671.00	
Packer	5.00			4676.00	33.00 Bottom Of Top Packer
Packer	4.00			4680.00	
Stubb	1.00			4681.00	
Recorder	0.00	8959	Inside	4681.00	
Recorder	0.00	8734	Outside	4681.00	
Perforations	28.00			4709.00	
Bullnose	5.00			4714.00	34.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation

1-20S.-33W. Scott,KS

423 E Flint Hills
National CT
Andover, KS 67002
ATTN: Bob Odell

Patton #1-1

Job Ticket: 68375

DST#: 2

Test Start: 2022.01.04 @ 11:10:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 6.39 in³
Resistivity: ohm.m
Salinity: 3400.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	OSM 4%O, 96%M	1.220

Total Length: 200.00 ft Total Volume: 1.220 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

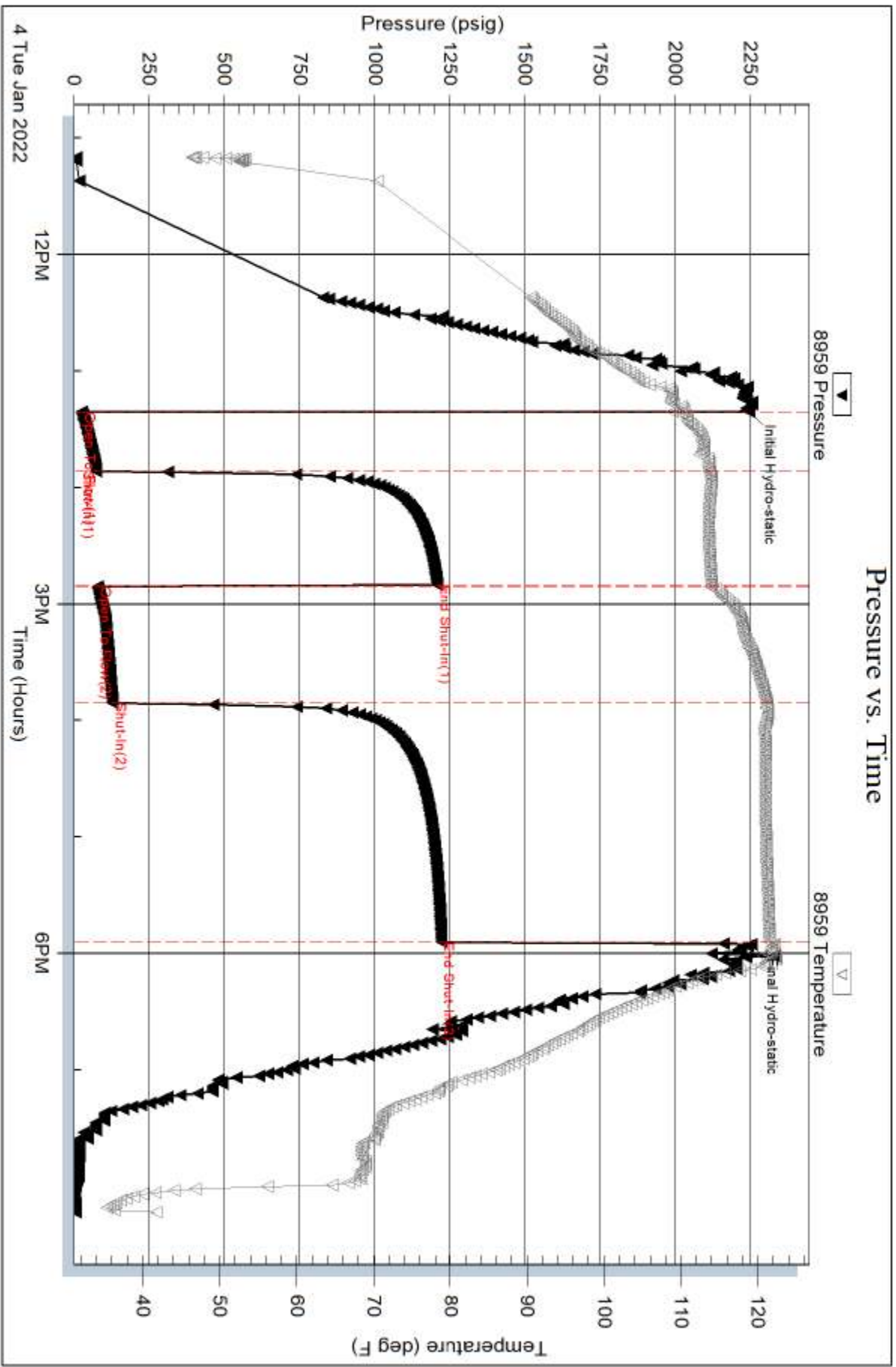
Serial #: 8959

Inside

Eagle Creek Corporation

Patton #1-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68375

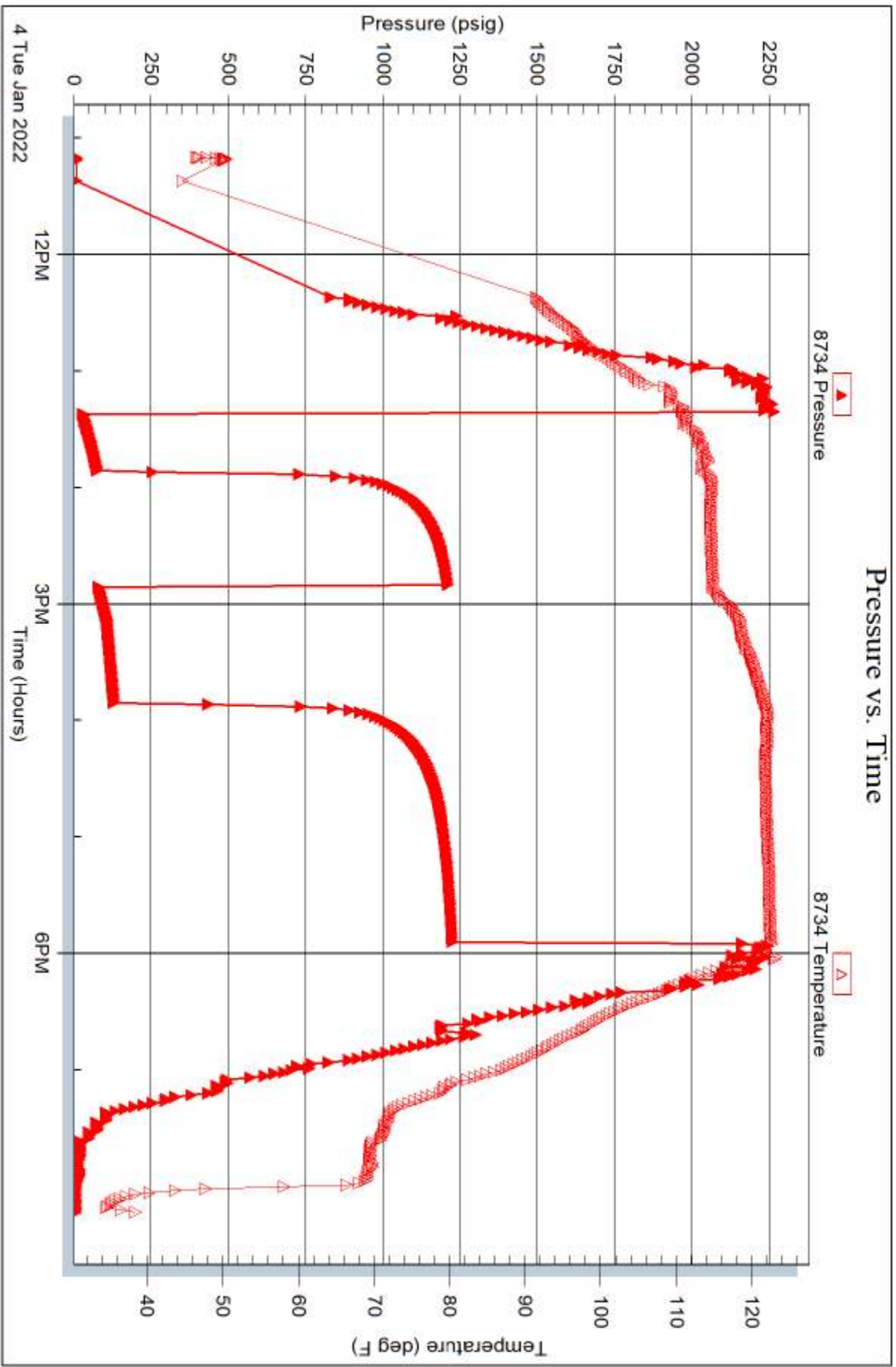
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Serial #: 8734

Outside Eagle Creek Corporation

Patton #1-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68375

Printed: 2022.01.07 @ 08:28:29



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68374**

Well Name & No. Patton #1-1 Test No. 1 Date 1-3-22
 Company Eagle Creek Corporation Elevation 2944 KB 2939 GL
 Address 423 E Flint Hills National CT Andover, KS. 67002
 Co. Rep / Geo. BOB Odell Rig Murfin #102
 Location: Sec. 1 Twp 20 S. Rge. 33 W. Co. Scott State KS.

Interval Tested 4579-4650 Zone Tested Morrow
 Anchor Length 71' Drill Pipe Run 4459 Mud Wt. 9.5.
 Top Packer Depth 4574 Drill Collars Run 117 Vls S2
 Bottom Packer Depth 4579 Wt. Pipe Run --- WL 8.8
 Total Depth 4650 Chlorides 3200 ppm System LCM #1

Blow Description EF-S. blow built to 2"
ISI - No return.
FF-S. blow built to 1 1/4"
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>59</u>	<u>OSM</u>	<u>5</u>		<u>97</u>	
<u>1</u>	<u>Co</u>	<u>100</u>			
	<u>Not enough oil for gravity</u>				

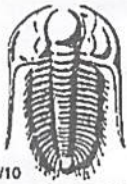
Rec Total 60 BHT 118 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2289 Test 1450 T-On Location 01:00
 (B) First Initial Flow 28 Jars 250 T-Started 09:16
 (C) First Final Flow 38 Safety Joint 75 T-Open 12:44
 (D) Initial Shut-In 613 Circ Sub _____ T-Pulled 17:14
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 20:27
 (F) Second Final Flow 54 Mileage 22 RT-X2 55 Comments Left @ 02:15 + returned @ 07:45. Rig had to condition mud.
 (G) Final Shut-In 602 Sampler _____ EM Tool 350
 (H) Final Hydrostatic 2289 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Extra Packer _____ Ruined Packer _____
 Initial Shut-In 60 Extra Recorder _____ Extra Copies _____
 Final Flow 60 Day Standby _____ Sub Total 350
 Final Shut-In 120 Accessibility _____ Total 2180
 Sub Total 1830 MP/DST Disc't _____

Approved By _____ 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68375**

Well Name & No. Patton #1-1 Test No. 2 Date 1-4-22
 Company Eagle Creek Corporation Elevation 2944 KB 2939 GL
 Address 423 E Flint Hills National CT Andover, KS 67002
 Co. Rep / Geo. B. OB Odell Rig MurFin #102
 Location: Sec. 1 Twp 20 S. Rge. 33 W. Co. Scott State KS

Interval Tested 4680 - 4714 Zone Tested Morrow/St. Louis
 Anchor Length 34' Drill Pipe Run 4491 Mud Wt. 9.3
 Top Packer Depth 4675 Drill Collars Run 174 Vis 50
 Bottom Packer Depth 4680 Wt. Pipe Run — WL 6.4
 Total Depth 4714 Chlorides 3400 ppm System LCM 2#
 Blow Description IF - S. blow built to 4 1/4"
ISI - No return
FF - S. blow built to 5 1/4"
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>200</u>	<u>OSM</u>	<u>4</u>		<u>96</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 200 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2246</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>10:45</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:10</u>
(C) First Final Flow <u>75</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:21</u>
(D) Initial Shut-In <u>1207</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>17:51</u>
(E) Second Initial Flow <u>80</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:14</u>
(F) Second Final Flow <u>128</u>	<input checked="" type="checkbox"/> Mileage <u>22 RTX 2</u> 55	Comments <u>Tools loaded @</u>
(G) Final Shut-In <u>1222</u>	<input type="checkbox"/> Sampler	<u>21:45 1-5-22</u>
(H) Final Hydrostatic <u>2254</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>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>120</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 1.5h</u>	Sub Total <u>1150</u>
	<input type="checkbox"/> Accessibility	Total <u>2980</u>
	Sub Total <u>1830</u>	MP/DST Disc't

Approved By _____ Our Representative Mark Selby
 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

1/35/22

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

Customer:
EAGLE CREEK CORPORATION
423 E FLINTHILLS NATNL COURT
ANDOVER, KS 67002-8838

Invoice Date: 1/6/2022
Invoice #: 0358138
Lease Name: Patton
Well #: 1-1 (New)
County: Scott, Ks
Job Number: WP2285
District: Oakley

Date/Description	HRS/QTY	Rate	Total
2 Stage-New Well	0.000	0.000	0.00
H-Long	110.000	27.160	2,987.60
H-CON	260.000	20.370	5,296.20
H-CON	50.000	20.370	1,018.50
Cement Friction Reducer	42.000	7.760	325.92
Centralizers 5 1/2"	10.000	58.200	582.00
Cement baskets 5 1/2"	2.000	291.000	582.00
5 1/2" Floatshoe-Flapper AFU	1.000	363.750	363.75
5 1/2" 2 Stage DV Tool	1.000	4,850.000	4,850.00
5 1/2" LD Plug & Baffle	1.000	339.500	339.50
Mud flush	1,000.000	0.970	970.00
Light Eq Mileage	120.000	1.940	232.80
Heavy Eq Mileage	120.000	3.880	465.60
Ton Mileage	173.000	1.455	1,706.72
Cement plug container	1.000	242.500	242.50
Cement Data Acquisition	1.000	242.500	242.50
Cement Blending & Mixing	370.000	1.358	502.46
Depth Charge 4001'-5000'	1.000	2,425.000	2,425.00
Total			23,133.05

skipped

Vendor No. NEIR 51 Lease No. 17130
73850
GL# 73850 Amt. 423,133.05

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!



Customer: Eagle Creek Corp.		Lease & Well #: Patton # 1-1		Date: 1/6/2022	
Service District: Oakley KS		County & State: Scott KS		Legals S/T/R: 1-20S-33W	
Job Type: 2 stage		<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD		New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No	
Ticket #: WP-2285					
Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
Equipment #	Driver	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
78	Jesse J & John P	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
230	Michael R	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
242	Kale O	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
194-254	Jose T & Jose V	<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
Comments					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP030	H-Long	sack	110.00	\$2,987.60
CP025	H-Con	sack	260.00	\$5,296.20
CP025	H-Con	sack	50.00	\$1,018.50
CP133	Cement Friction Reducer	lb	42.00	\$325.92
FE125	5 1/2" Centralizer	ea	10.00	\$582.00
FE130	5 1/2" Cement Basket	ea	2.00	\$582.00
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$363.75
FE150	5 1/2" DV Tool - 2 Stage	ea	1.00	\$4,850.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$339.50
CP170	Mud Flush	gal	1,000.00	\$970.00
M015	Light Equipment Mileage	mi	120.00	\$232.80
M010	Heavy Equipment Mileage	mi	120.00	\$465.60
M020	Ton Mileage	tm	1,173.00	\$1,706.72
C050	Cement Plug Container	job	1.00	\$242.50
C035	Cement Data Acquisition	job	1.00	\$242.50
C060	Cement Blending & Mixing Service	sack	370.00	\$502.46
D015	Depth Charge: 4001'-5000'	job	1.00	\$2,425.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?
 Net: **\$23,133.05**

Based on this job, how likely is it you would recommend HSI to a colleague?

1 2 3 4 5 6 7 8 9 10 Extremely Likely
 Unlikely

Total Taxable	\$ -	Tax Rate:	
Sale Tax:	\$ -	Total:	\$ 23,133.05

HSI Representative: *Jesse Jones*

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



WATER TREATMENT REPORT

Customer: Eagle Creek Corp.	Well: Patton # 1-1	Ticket: WP-2285
City, State: Oakley KS	County: Scott KS	Date: 1/6/2022
Field Rep: Johnny Nicodemas	S-T-R: 1-20S-33W	Service: 2 stage

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4777 ft
Casing Size:	5 1/2 in
Casing Depth:	4713 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	D.V.
Tool Depth:	2155 ft
Displacement:	163.2 bbls

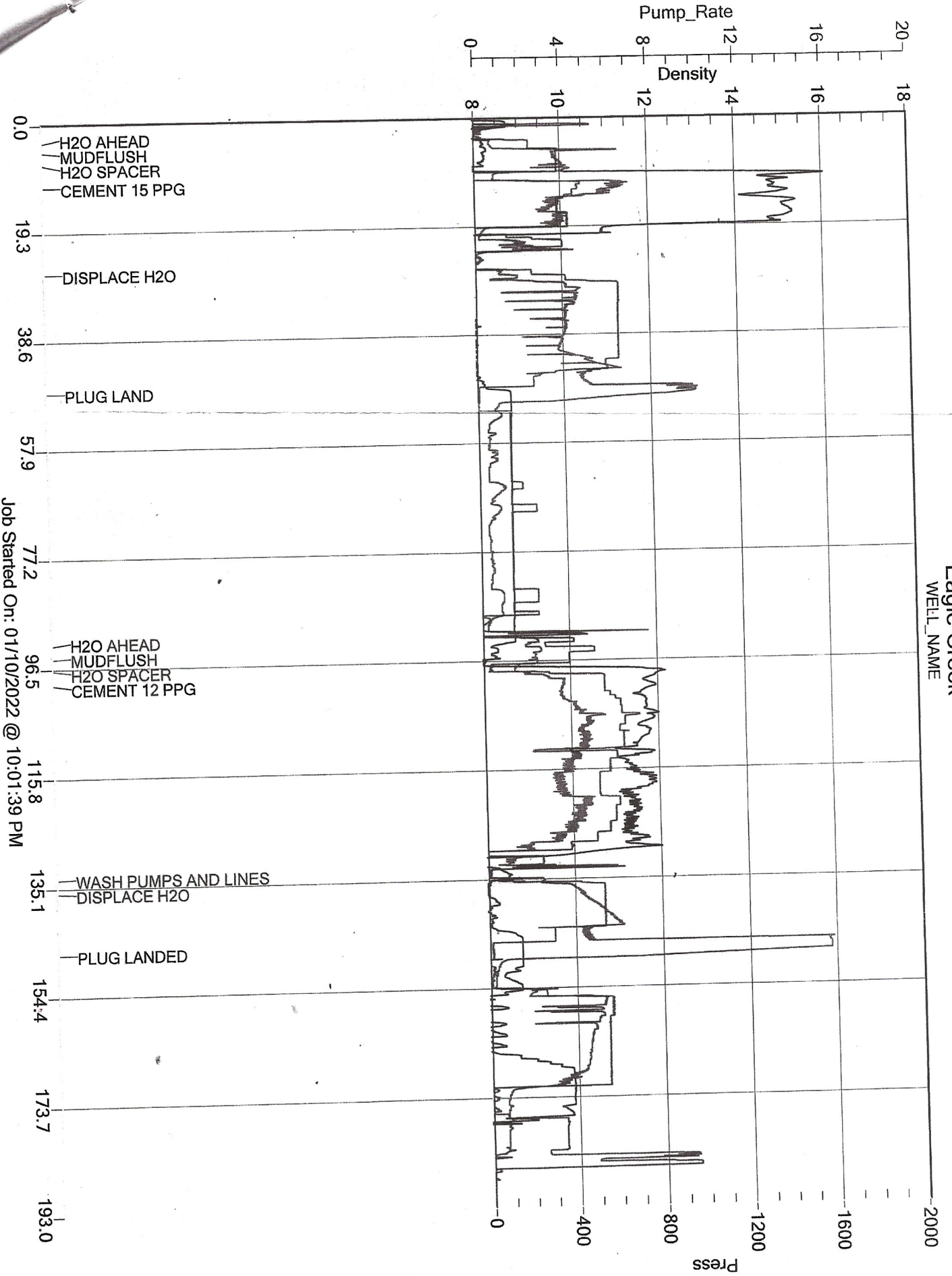
Calculated Slurry - Lead	
Blend:	H-Long
Weight:	15.0 ppg
Water / Sx:	6.2 gal / sx
Yield:	1.36 ft³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4713 ft
Annular Volume:	145.6 bbls
Excess:	
Total Slurry:	26.6 bbls
Total Sacks:	110 sx

Calculated Slurry - Tail	
Blend:	H-Con
Weight:	11.3 ppg
Water / Sx:	3.1 gal / sx
Yield:	18.84 ft³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4713 ft
Annular Volume:	145.6 bbls
Excess:	
Total Slurry:	141.0 bbls
Total Sacks:	260 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
7:00p			-	-	Arrival
7:05p				-	Safety meeting
7:10p				-	Rig up
12:18a	3.0	380.0	5.0	5.0	H2O ahead
12:21a	4.0	420.0	12.0	17.0	Mixed 12 bbl of mud flush
12:24a	4.2	430.0	5.0	22.0	H2O behind
12:26a	4.7	650.0	26.6	48.6	Mixed 110 sks of H-Long @ 15 ppg @ 4714'
12:36a				48.6	Wash up pump and lines
12:38a				48.6	Drop plug
12:41a	6.5	400.0	112.0	160.6	Displace H2O
1:02a	3.0	1,000.0		160.6	Land plug
1:04a					Drop bomb
1:46a	3.5	700.0	1.0		Open tool @ 700 psi
1:48a	5.1	260.0	5.0		H2O ahead
1:54a	6.3	420.0	12.0		Mixed 12 bbl of mud flush
1:56a	5.0	390.0	5.0		H2O behind
2:00a	6.3	420.0	141.2		Mixed 285 sks H-Con @ 11.3 ppg @ 2155'
2:02a	6.0	240.0	12.0		Mixed 25 sks of H-Con @ 11.3 ppg @ Rat hole
2:29a					Drop plug
2:31a	5.4	600.0	51.2		Displace H2O
2:42a					Land plug
2:45a					Plug down
2:47a					Wash up pump and lines
2:58a					Rig down
3:30a					Depart location
					Circulated 15 sks to pit

CREW		UNIT	SUMMARY		
Cementer:	Jesse J & John P	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael R	230	4.8 bpm	485 psi	388 bbls
Bulk #1:	Kale O	242			
Bulk #2:	Jose T & Jose V	194-254			

Eagle Creek
WELL_NAME





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



Invoice

DATE	INVOICE #
12/27/2021	34374

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

- Acidizing
- Cement
- Tool Rental

1/4/22

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
Net 30	#1-1	Patton	Scott	Murfin	Oil	Development	Surface Pipe	Gideon	
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT	
575D	Mileage - 1 Way				70	Miles	6.00	420.00	
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	1,000.00	1,000.00	
325	Standard Cement				170	Sacks	14.50	2,465.00T	
279	Bentonite Gel				3	Sack(s)	30.00	90.00T	
278	Calcium Chloride				8	Sack(s)	40.00	320.00T	
290	D-Air				2	Gallon(s)	42.00	84.00T	
581D	Service Charge Cement				170	Sacks	2.00	340.00	
583D	Drayage				584	Ton Miles	1.00	584.00	
	Subtotal							5,303.00	
	Sales Tax Scott County						8.50%	251.52	
<p><i>1/11/22 CE 55074</i></p> <p>Vendor No. <u>SWIFT</u> Lease No. <u>17130</u></p> <p>GL# <u>71190</u> Amt <u>5554.52</u></p> <p>GL# _____ Amt _____</p> <p>GL# _____ Amt _____</p>									
We Appreciate Your Business!							Total	\$5,554.52	



Services, Inc.

CHARGE TO: Eagle Creek Corp.
ADDRESS
CITY, STATE, ZIP CODE

TICKET 34374

LEASE # 1-1
CONTRACTOR
WELL TYPE
WELL CATEGORY
JOB PURPOSE
WELL PERMIT NO.

PAGE 1 OF 1

1. SERVICE LOCATIONS: Ness City, KS
2. TICKET TYPE: SERVICE SALES
3. CONTRACTOR: Murfin
4. WELL TYPE: Oil
WELL CATEGORY: Development
JOB PURPOSE: Surface Pipe

WELL/PROJECT NO. # 1-1
COUNTY/PARISH: Scott
RIG NAME/NO.:
STATE: KS
CITY: Shallowater
DELIVERED TO: LOCATION
DATE: 12-27-2021
ORDER NO.:
WELL LOCATION: Ness City, 916-5
INVOICE INSTRUCTIONS: 12-INTD

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.		UNIT		AMOUNT	
				QTY.	U/M	QTY.	U/M		
5776			MILEAGE Trk #115	70	mi	6.00		420.00	
5765			Pump Charge - Surface	1	job	1,000.00		1,000.00	
326			Standard Cement	170	skt	14.00		2,380.00	
279			BENTONITE GEL	3	skt	30.00		90.00	
278			Calcium Chloride	8	skt	40.00		320.00	
290			D-Air	2	gal	42.00		84.00	
581			Cement Service Charge					340.00	
83			Drayage					584.00	
SURVEY				16680	lbs	584	Tm	1.00	584.00
REMIT PAYMENT TO:				PAGE TOTAL		1		5303.00	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED: 12-27-2021
TIME SIGNED: 4:30
 A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

TOTAL: 5303.00

OPERATOR: Jackson Ford
APPROVAL: [Signature]
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

SWIFT Services, Inc.

DATE 12-27-2001	PAGE NO. 1
TICKET NO. 34374	

Client: Eagle Creek Corp

WELL NO. #1-1

LEASE: PATTON

JOB TYPE: Surface Pipe

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1515							ON LOCATION 8 5/8"
								TP: 255'
	1525							Break Circulation
	1540	4	5		✓	250		Pump 5 bbl H ₂ O SPACER
	1545	4	41		✓	150		Mix 170 sks of CMT @ 14.7ppg
	1605	4	0		✓	150		BEGIN Displacement
		4	12.5		✓	300		* CIRCULATE CEMENT TO SURFACE * [10 sks]
	1615	-	15		✓	200		KO Pump * Shut in * - RELEASE PSI * Hold *
	1620							Wash up Trk #115
	1650							Job Complete
								170 sks of STANDARD CEMENT w/ 2% gel, 3% CG used * 10 sks to the Pit *
								THANKS!
								Gordon Pizent, Shawn John

ROBERT E. O'DELL

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Eagle Creek Corporation	ELEVATIONS
LEASE	Pattton #1	KB 2944
FIELD	Hudson North	DF
LOCATION	1 220' FNL & 335' FEL	CL 2939
SIC	205	RGE 33W
COUNTY	Scott	STATE
CONTRACTOR	Martin Drilling Rig #102	Measurements Are All From
SPUD	12-27-2021	COMP
RTD	4/7/25	LTD
MUD UP	3500'	TYPE MUD
SAMPLES SAVED FROM	3700'	TO RTD
DRILLING TIME KEPT FROM	3400'	TO RTD
SAMPLES EXAMINED FROM	3700'	TO RTD
GEOLOGICAL SUPERVISION FROM	3700'	TO RTD
GEOLOGIST ON WELL	Bob O'Dell	Dual Induction CNVD

REMARKS As a result of sample examination, driller testing and electric log analysis of the basal Chester sands, decision was made to set 5-1/2" production casing to 4771' and attempt completion through perforations.

Respectfully Submitted,

Bob O'Dell
Geologist-WellSite
January 5, 2022

* Note: sample tops have not been altered to match the electric log.

