

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Eagle Creek Corporation
Well Name	LEONARD 1-2
Doc ID	1589449

Tops

Name	Top	Datum
HEEBNER	3807	-850
LANSING	3849	-892
STARK SHALE	4175	-1218
MARMATON	4332	-1375
PAWNEE	4419	-1462
CH SH	4456	-1499
MORROW	4639	-1682
SAND	4681	-1724
ST GEN	4698	-1741
ST LOUIS	4803	-1846



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.24 @ 08:03:00

End Date: 2021.06.24 @ 17:10:42

Job Ticket #: 67367 DST #: 1

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

Printed: 2021.07.01 @ 17:26:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills National CT
Wichita KS 67002+8838
ATTN: Dave Goldak

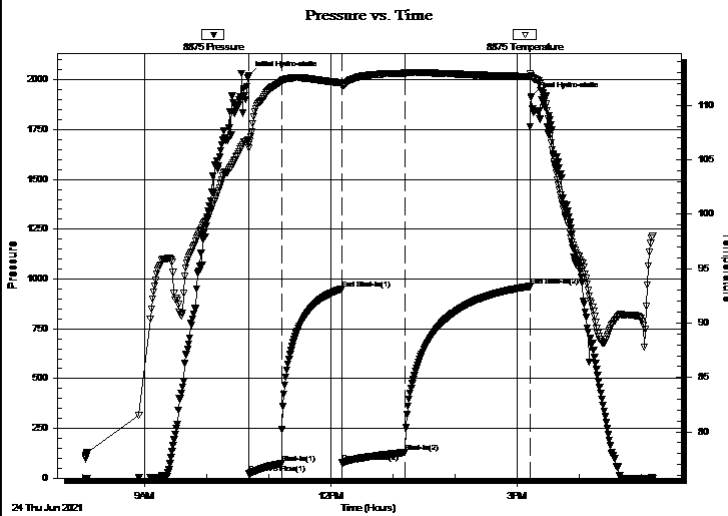
2-21s-34w Finney,KS
Leonard #1-2
Job Ticket: 67367 **DST#: 1**
Test Start: 2021.06.24 @ 08:03:00

GENERAL INFORMATION:

Formation: **LKC I**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:40:22
Time Test Ended: 17:10:42
Interval: **4078.00 ft (KB) To 4104.00 ft (KB) (TVD)**
Total Depth: 4104.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2957.00 ft (KB)
2952.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

Serial #: 8875 Outside
Press@RunDepth: 130.87 psig @ 4079.00 ft (KB) Capacity: psig
Start Date: 2021.06.24 End Date: 2021.06.24 Last Calib.: 2021.06.24
Start Time: 08:03:01 End Time: 17:10:42 Time On Btm: 2021.06.24 @ 10:40:17
Time Off Btm: 2021.06.24 @ 15:13:12

TEST COMMENT: 30-IF-Surface to 10"
60-ISI-No Return
60-FF-Surface to 6 3/4"
120-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.86	106.77	Initial Hydro-static
1	21.76	106.05	Open To Flow (1)
32	75.06	112.21	Shut-In(1)
91	951.65	112.00	End Shut-In(1)
91	77.30	111.81	Open To Flow (2)
152	130.87	112.95	Shut-In(2)
272	963.34	112.65	End Shut-In(2)
273	1916.62	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MW 25%M 75%W	3.54

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67367

DST#: 1

ATTN: Dave Goldak

Test Start: 2021.06.24 @ 08:03:00

Tool Information

Drill Pipe:	Length: 4063.00 ft	Diameter: 3.82 inches	Volume: 57.59 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	79000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4078.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	59.00 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			4046.00	
Change Over Sub	1.00			4047.00	
Shut In Tool	5.00			4052.00	
Hydraulic tool	5.00		Fluid	4057.00	
Jars	5.00			4062.00	
Gap Sub	4.00			4066.00	
Safety Joint	3.00			4069.00	
Packer	5.00			4074.00	33.00 Bottom Of Top Packer
Packer	4.00			4078.00	
Stubb	1.00			4079.00	
Recorder	0.00	6838	Inside	4079.00	
Recorder	0.00	8875	Outside	4079.00	
Perforations	22.00			4101.00	
Bullnose	3.00			4104.00	26.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67367

DST#: 1

ATTN: Dave Goldak

Test Start: 2021.06.24 @ 08:03:00

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:

980000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	MW 25%M 75%W	3.544

Total Length: 250.00 ft Total Volume: 3.544 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

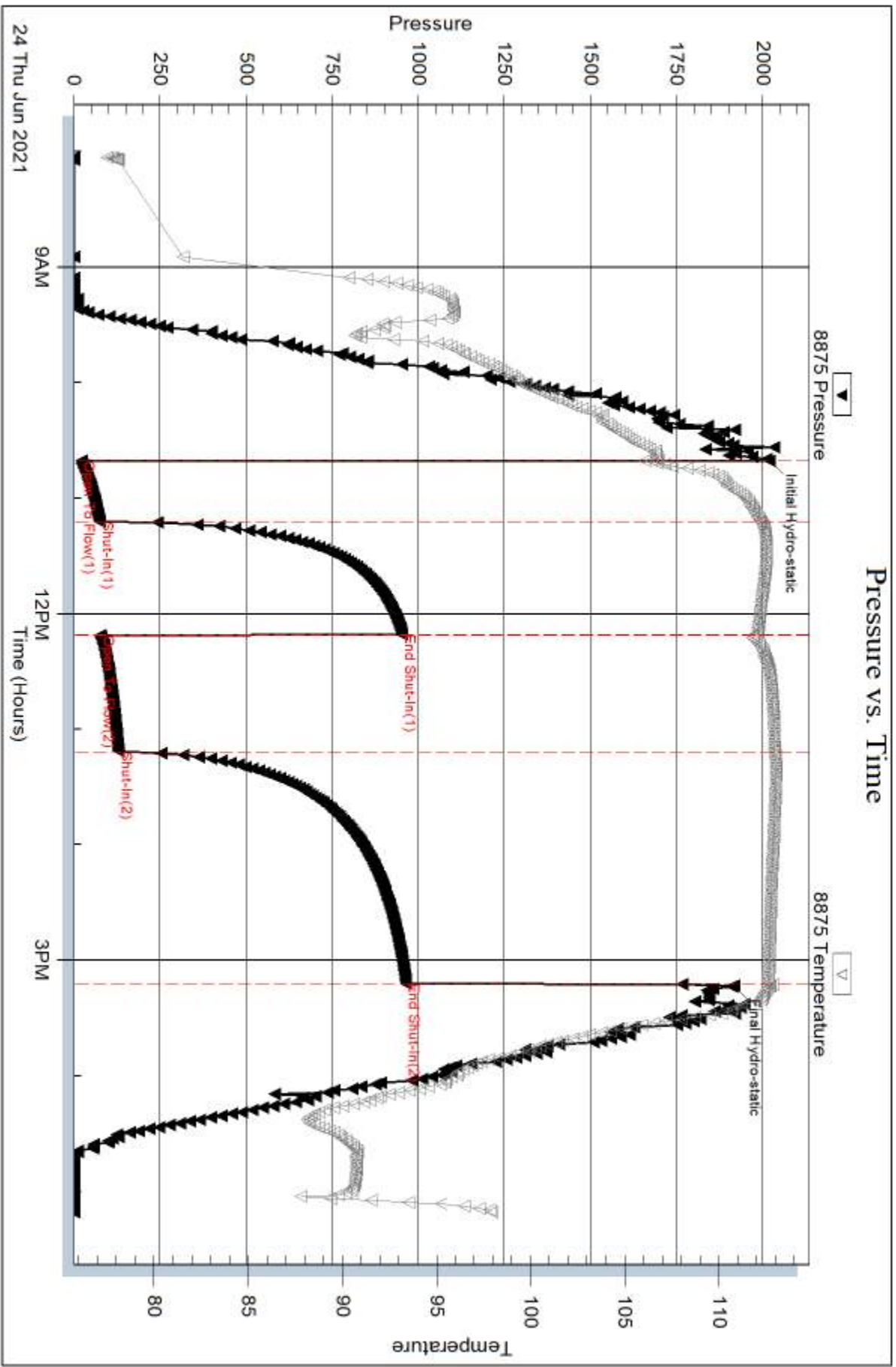
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2 1/2#LCM

RW=.061@90F



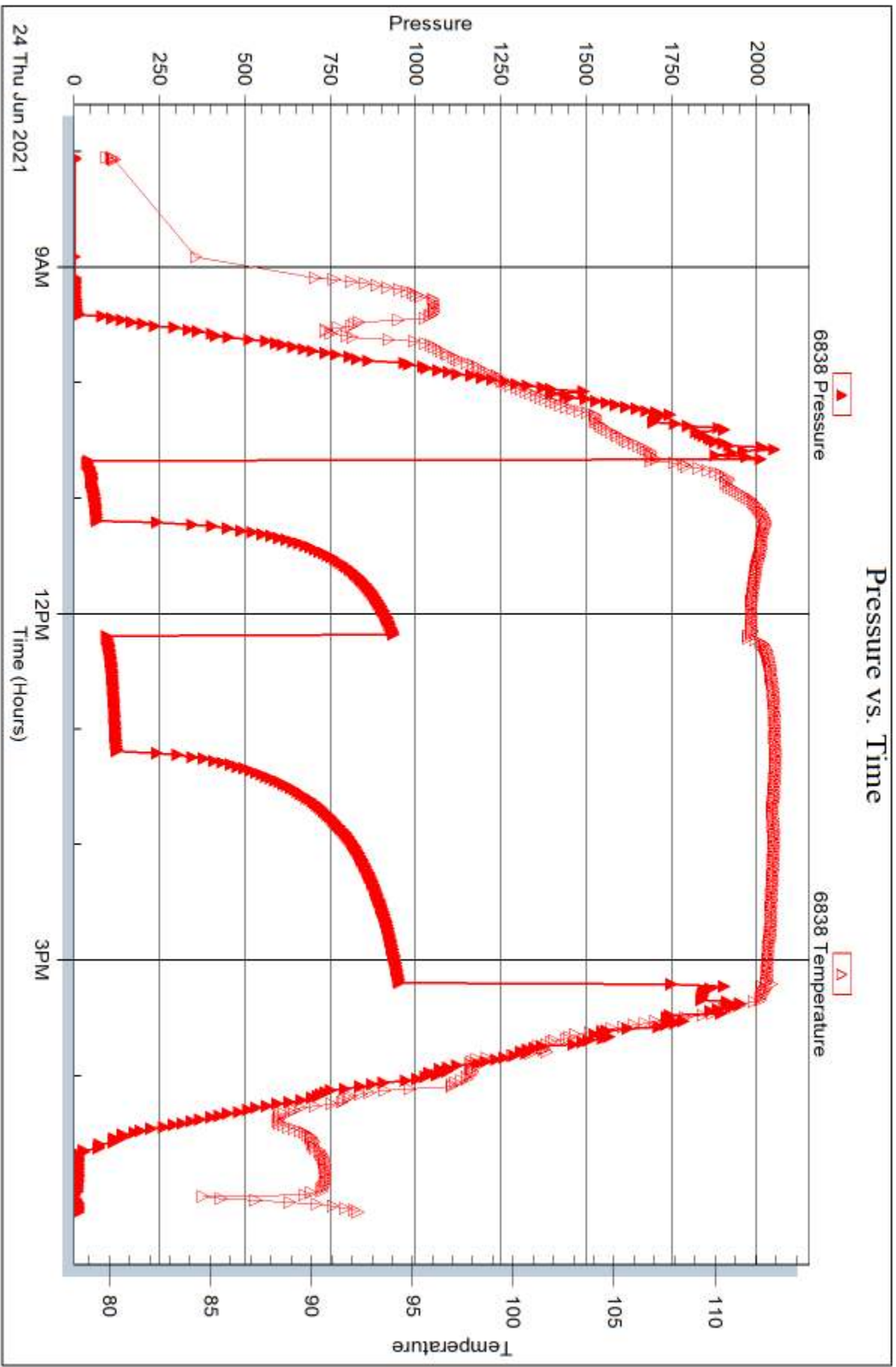
Serial #: 6838

Inside

Eagle Creek Corp

Leonard #1-2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 67367

Printed: 2021.07.01 @ 17:26:41



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.25 @ 16:26:00

End Date: 2021.06.26 @ 02:22:40

Job Ticket #: 67096 DST #: 2

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

Printed: 2021.07.01 @ 17:25:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills National CT
Wichita KS 67002+8838
ATTN: Dave Goldak

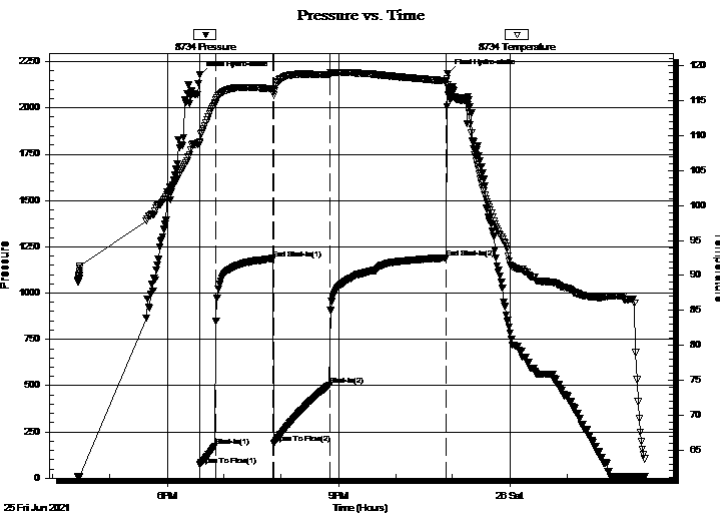
2-21s-34w Finney,KS
Leonard #1-2
Job Ticket: 67096 **DST#: 2**
Test Start: 2021.06.25 @ 16:26:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:34:20
Time Test Ended: 02:22:40
Interval: **4340.00 ft (KB) To 4357.00 ft (KB) (TVD)**
Total Depth: 4357.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 2957.00 ft (KB)
2952.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 502.91 psig @ 4341.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.06.25 End Date: 2021.06.26 Last Calib.: 2021.06.26
Start Time: 16:26:01 End Time: 02:22:40 Time On Btm: 2021.06.25 @ 18:34:00
Time Off Btm: 2021.06.25 @ 22:54:50

TEST COMMENT: 15-IF-B.O.B (11 inches) @ 1 mins (blow increased to 87 1/2")
60-ISI-B.O.B @ 7 mins (blow increased to 44 3/4")
60-FF-B.O.B @ 3 mins (blow increased to 124")
120-FSI-B.O.B @ 20 mins (blow increased to 25 3/4" & reduced to 24") G.T.S



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.55	109.07	Initial Hydro-static
1	72.29	108.94	Open To Flow (1)
17	174.56	114.67	Shut-In(1)
78	1185.21	116.68	End Shut-In(1)
78	187.89	115.83	Open To Flow (2)
137	502.91	118.75	Shut-In(2)
260	1189.57	117.85	End Shut-In(2)
261	2187.04	117.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GMCO 43%G, 20%M, 37%O	2.13
1300.00	CGO 38%G, 62%O	18.43
0.00	GTS	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

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67096

DST#: 2

ATTN: Dave Goldak

Test Start: 2021.06.25 @ 16:26:00

Tool Information

Drill Pipe:	Length: 4316.00 ft	Diameter: 3.82 inches	Volume: 61.18 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 61.18 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	4340.00 ft			Final	85000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	49.00 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			4309.00	
Shut In Tool	5.00			4314.00	
Hydraulic tool	5.00	1113		4319.00	
Jars	5.00	01-07		4324.00	
EM Tool	4.00			4328.00	
Safety Joint	3.00	-001		4331.00	
Packer	5.00			4336.00	32.00 Bottom Of Top Packer
Packer	4.00			4340.00	
Stubb	1.00			4341.00	
Recorder	0.00	8959	Inside	4341.00	
Recorder	0.00	8734	Outside	4341.00	
Perforations	13.00			4354.00	
Bullnose	3.00			4357.00	17.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67096

DST#: 2

ATTN: Dave Goldak

Test Start: 2021.06.25 @ 16:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GMCO 43%G, 20%M, 37%O	2.126
1300.00	CGO 38%G, 62%O	18.428
0.00	GTS	0.000

Total Length: 1450.00 ft Total Volume: 20.554 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

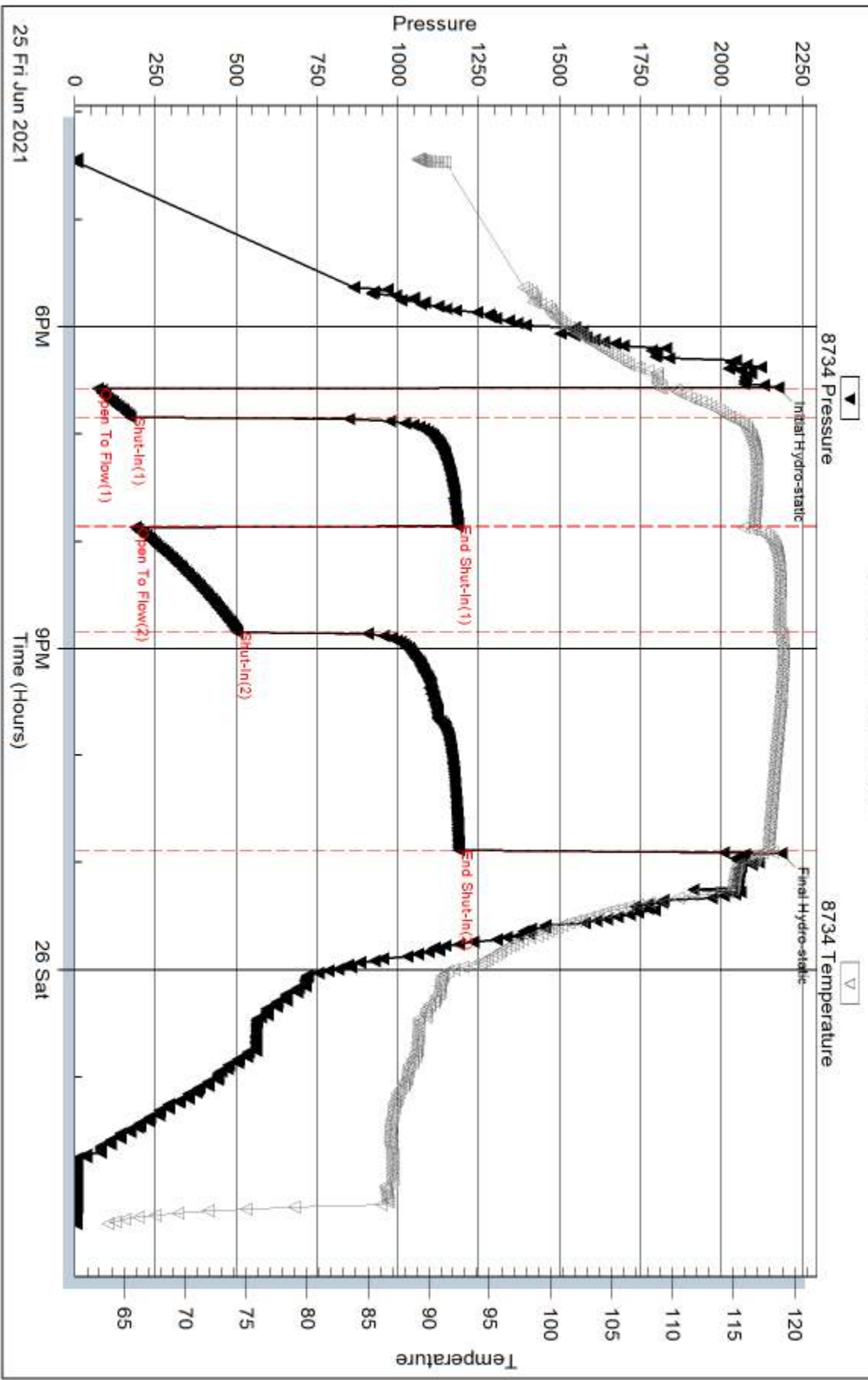
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 35 @ 72 degs corrected to 33.8 @ 60 degs

Pressure vs. Time



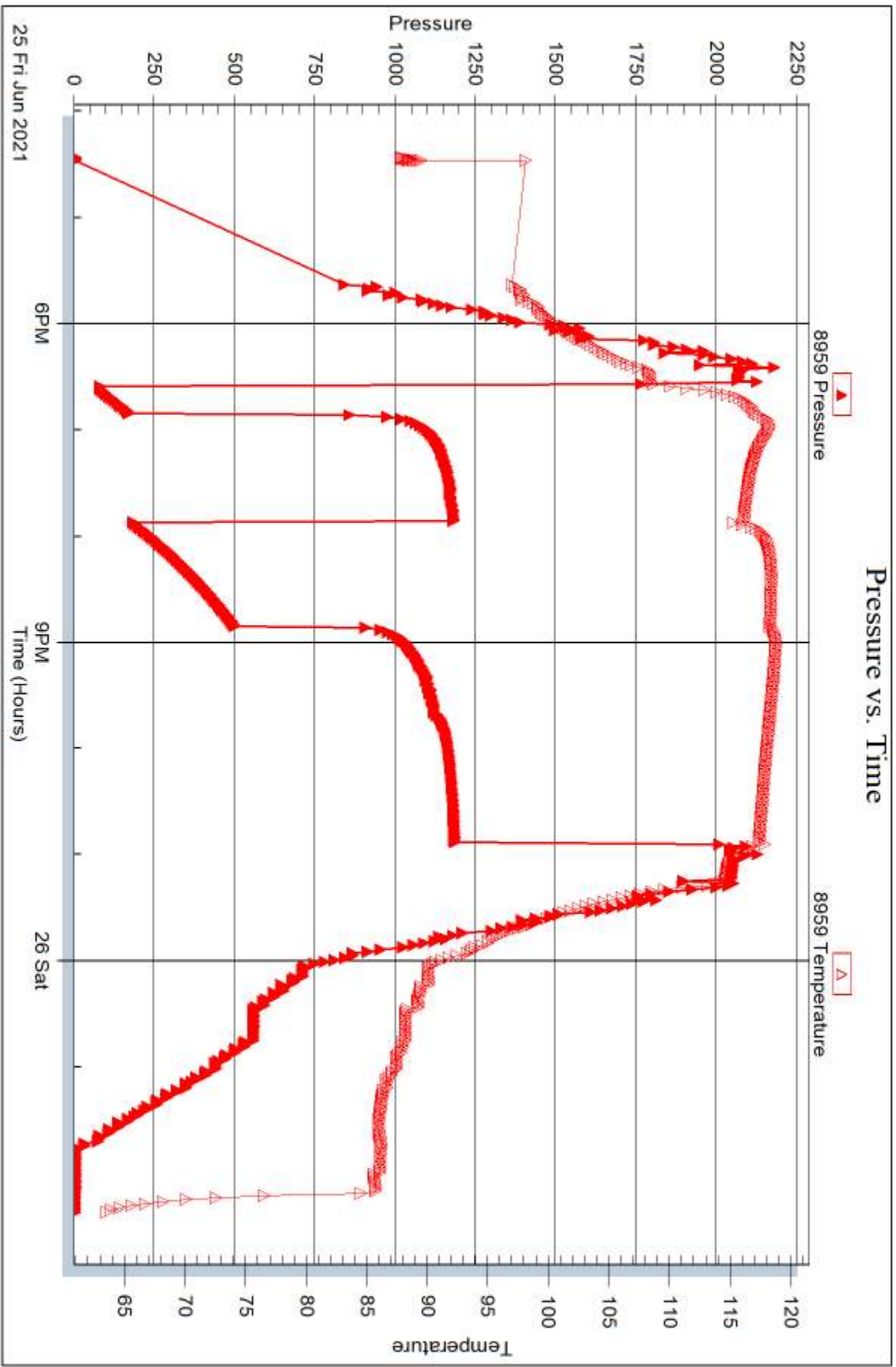
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Inside

Eagle Creek Corp

Leonard #1-2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67096

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DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.26 @ 19:25:00

End Date: 2021.06.27 @ 03:59:30

Job Ticket #: 67097 DST #: 3

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

Printed: 2021.07.01 @ 17:24:11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills National CT
Wichita KS 67002+8838
ATTN: Dave Goldak

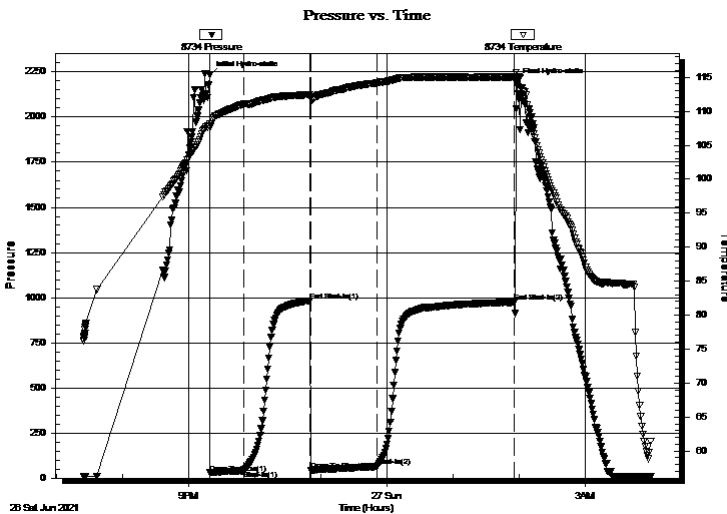
2-21s-34w Finney,KS
Leonard #1-2
Job Ticket: 67097 **DST#: 3**
Test Start: 2021.06.26 @ 19:25:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:19:30
Time Test Ended: 03:59:30
Test Type: Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82
Interval: **4434.00 ft (KB) To 4461.00 ft (KB) (TVD)**
Reference Elevations: 2957.00 ft (KB)
Total Depth: 4461.00 ft (KB) (TVD) 2952.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 63.47 psig @ 4435.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.06.26 End Date: 2021.06.27 Last Calib.: 2021.06.27
Start Time: 19:25:01 End Time: 03:59:30 Time On Btm: 2021.06.26 @ 21:19:00
Time Off Btm: 2021.06.27 @ 01:57:30

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 18 mins (blow increased to 18")
60-ISI-No return
60-FF-B.O.B @ 2 mins (blow increased to 33 1/4")
120-FSI-Return blow built to 4 1/4" & reduced to surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.32	108.17	Initial Hydro-static
1	28.43	107.65	Open To Flow (1)
32	41.30	111.06	Shut-In(1)
91	983.25	112.47	End Shut-In(1)
92	42.34	111.89	Open To Flow (2)
152	63.47	114.15	Shut-In(2)
277	978.09	115.04	End Shut-In(2)
279	2191.04	114.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOCM 40%G, 15%O, 45%M	0.71
50.00	CGO 50%G, 50%O	0.71

* 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

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67097

DST#: 3

ATTN: Dave Goldak

Test Start: 2021.06.26 @ 19:25:00

Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.82 inches	Volume: 62.53 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	4434.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4403.00	
Shut In Tool	5.00			4408.00	
Hydraulic tool	5.00	1113		4413.00	
Jars	5.00	01-07		4418.00	
EM Tool	4.00			4422.00	
Safety Joint	3.00	-001		4425.00	
Packer	5.00			4430.00	32.00 Bottom Of Top Packer
Packer	4.00			4434.00	
Stubb	1.00			4435.00	
Recorder	0.00	8959	Inside	4435.00	
Recorder	0.00	8734	Outside	4435.00	
Perforations	23.00			4458.00	
Bullnose	3.00			4461.00	27.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67097

DST#: 3

ATTN: Dave Goldak

Test Start: 2021.06.26 @ 19:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
50.00	GOCM 40%G, 15%O, 45%M	0.709
50.00	CGO 50%G, 50%O	0.709

Total Length: 100.00 ft Total Volume: 1.418 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

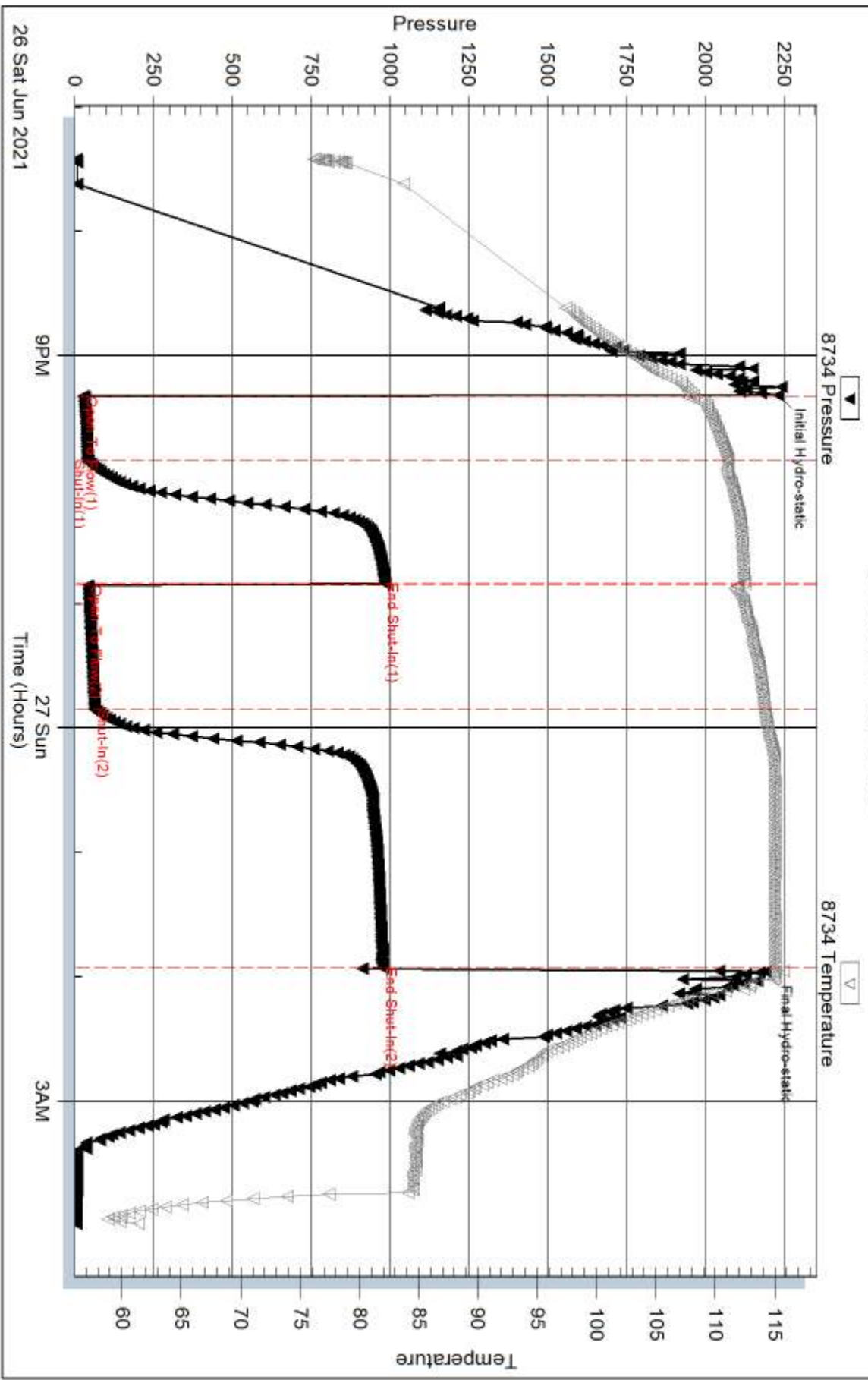
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 34.2@ 66 degs corrected to 33.6 @ 60 degs

Pressure vs. Time



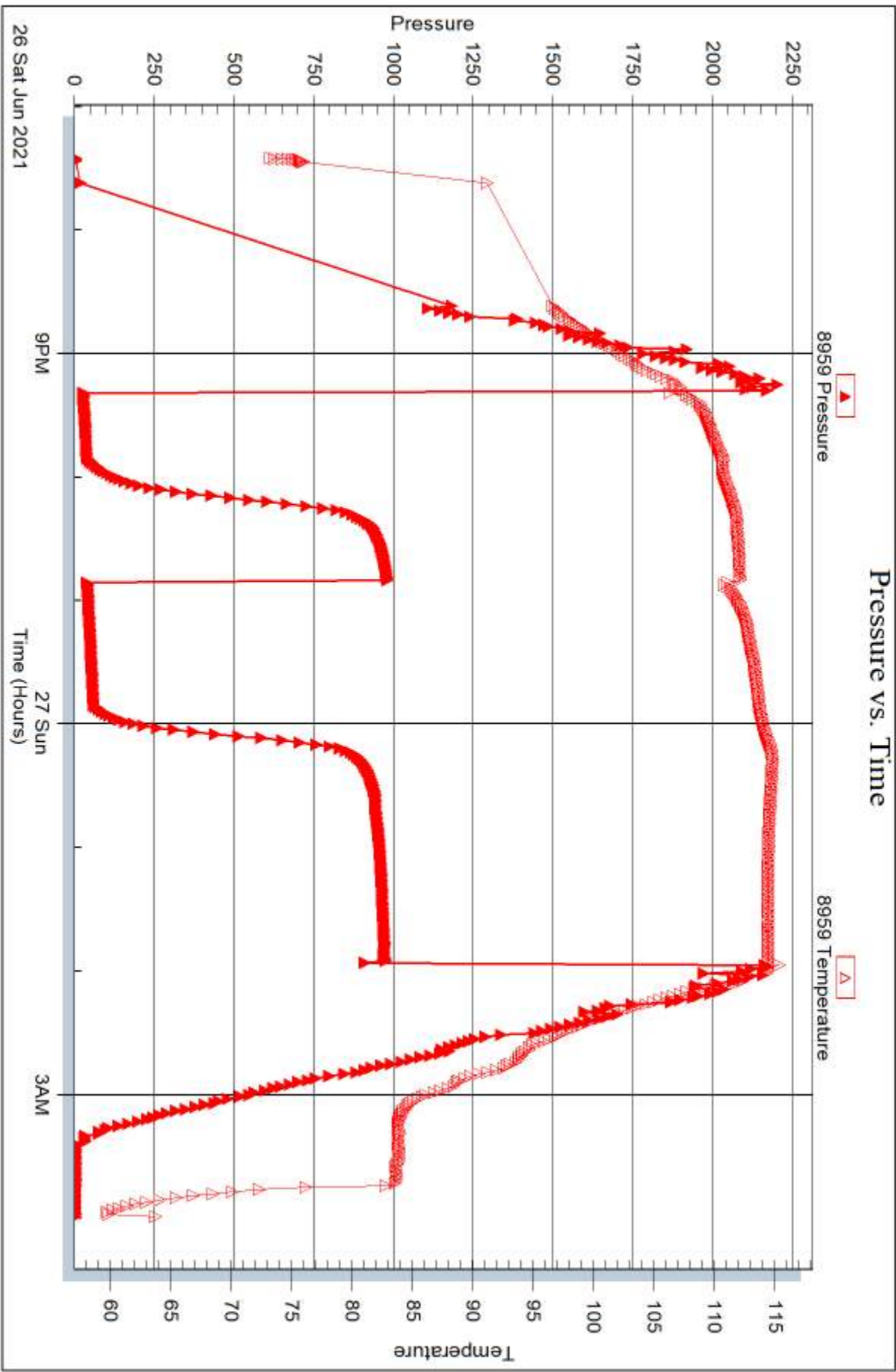
Serial #: 8959

Inside

Eagle Creek Corp

Leonard #1-2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 67097

Printed: 2021.07.01 @ 17:24:16



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.27 @ 15:20:00

End Date: 2021.06.28 @ 01:13:19

Job Ticket #: 67098 DST #: 4

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

Printed: 2021.07.01 @ 17:23:37



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills National CT
 Wichita KS 67002+8838
 ATTN: Dave Goldak

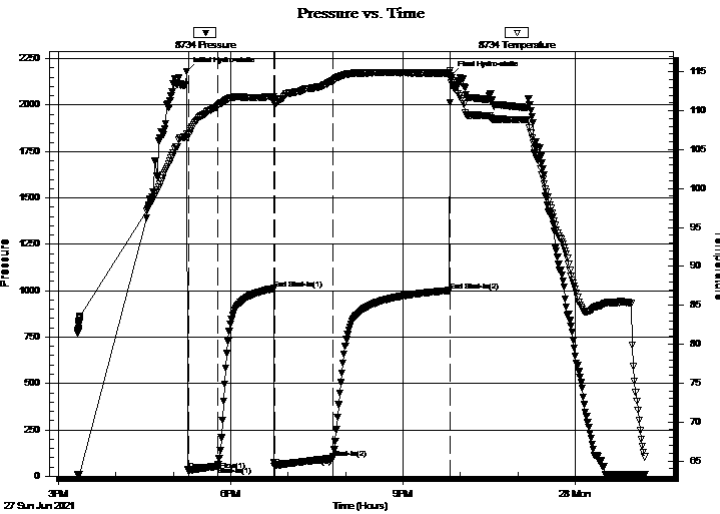
2-21s-34w Finney,KS
Leonard #1-2
 Job Ticket: 67098 **DST#: 4**
 Test Start: 2021.06.27 @ 15:20:00

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:15:30
 Time Test Ended: 01:13:19
 Interval: **4460.00 ft (KB) To 4512.00 ft (KB) (TVD)**
 Total Depth: 4512.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2957.00 ft (KB)
 2952.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 94.70 psig @ 4461.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.06.27 End Date: 2021.06.28 Last Calib.: 2021.06.28
 Start Time: 15:20:01 End Time: 01:13:19 Time On Btm: 2021.06.27 @ 17:14:00
 Time Off Btm: 2021.06.27 @ 21:50:09

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 5 mins (blow increased to 46 1/2")
 60-ISI-Return blow @ 4 mins built to 2" & reduced to 1 1/2"
 60-FF-B.O.B @ 2 mins (blow increased to 56 1/2")
 120-FSI-Return blow built to 7" & reduced to 2 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.21	107.04	Initial Hydro-static
2	29.50	106.57	Open To Flow (1)
33	52.28	110.54	Shut-In(1)
91	1011.11	111.80	End Shut-In(1)
92	54.49	110.85	Open To Flow (2)
153	94.70	113.86	Shut-In(2)
275	1000.02	114.84	End Shut-In(2)
277	2159.05	113.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GMCO 35%G, 17%M, 48%O	1.28
100.00	CGO 40%G, 60%O	1.42
0.00	1570' GIP	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

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67098

DST#: 4

ATTN: Dave Goldak

Test Start: 2021.06.27 @ 15:20:00

Tool Information

Drill Pipe:	Length: 4442.00 ft	Diameter: 3.82 inches	Volume: 62.97 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 62.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	4460.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4433.00	
Hydraulic tool	5.00	1113		4438.00	
Jars	5.00	01-07		4443.00	
EM Tool	4.00			4447.00	
Safety Joint	3.00	-001		4450.00	
Packer	5.00			4455.00	32.00 Bottom Of Top Packer
Packer	5.00			4460.00	
Stubb	1.00			4461.00	
Recorder	0.00	8959	Inside	4461.00	
Recorder	0.00	8734	Outside	4461.00	
Perforations	13.00			4474.00	
Change Over Sub	1.00			4475.00	
Drill Pipe	32.00			4507.00	
Change Over Sub	1.00			4508.00	
Perforations	1.00			4509.00	
Bullnose	3.00			4512.00	52.00 Bottom Packers & Anchor
Total Tool Length:	84.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67098

DST#: 4

ATTN: Dave Goldak

Test Start: 2021.06.27 @ 15:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.18 in³
Resistivity: ohm.m
Salinity: 5700.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 35 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GMCO 35%G, 17%M, 48%O	1.276
100.00	CGO 40%G, 60%O	1.418
0.00	1570' GIP	0.000

Total Length: 190.00 ft Total Volume: 2.694 bbl

Num Fluid Samples: 0

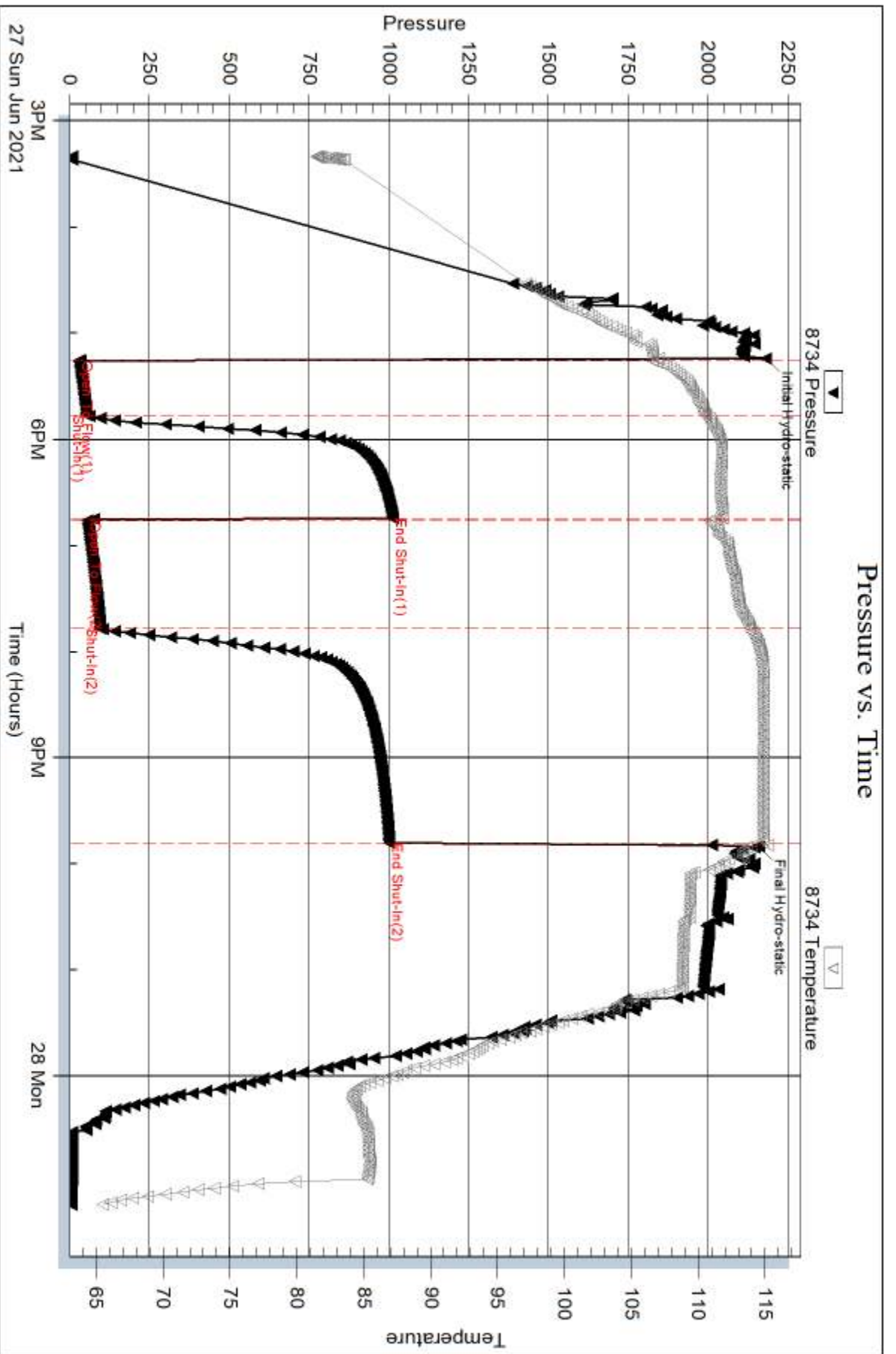
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 35 @ 60 degs



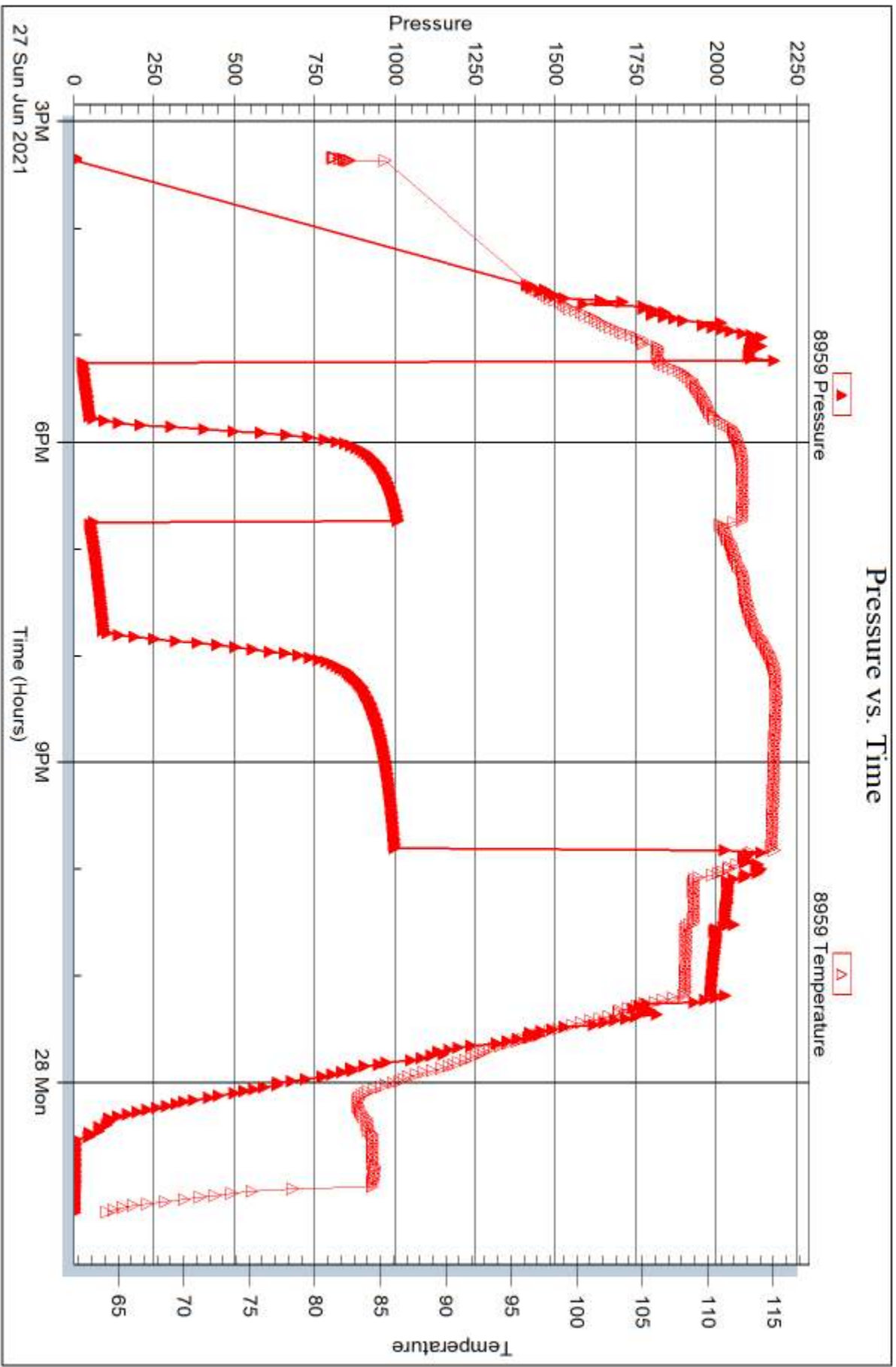
Serial #: 8959

Inside

Eagle Creek Corp

Leonard #1-2

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 67098

Printed: 2021.07.01 @ 17:23:40



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.29 @ 08:37:00

End Date: 2021.06.29 @ 17:44:49

Job Ticket #: 67099 DST #: 5

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

Printed: 2021.07.01 @ 17:23:05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eagle Creek Corp
423 E Flint Hills National CT
Wichita KS 67002+8838
ATTN: Dave Goldak

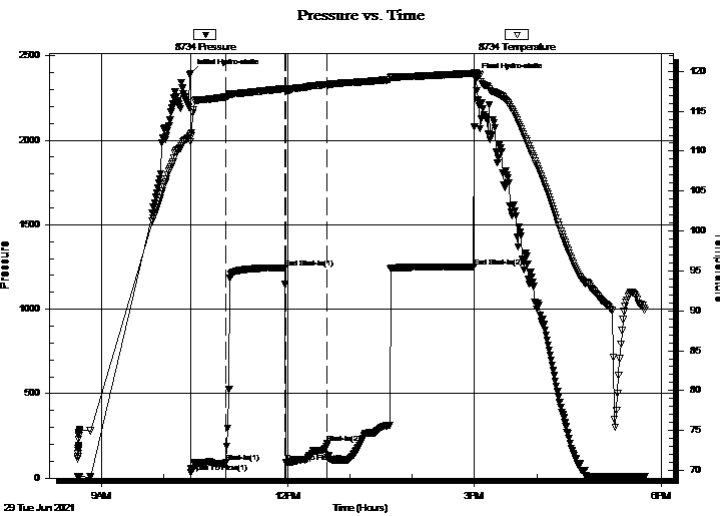
2-21s-34w Finney,KS
Leonard #1-2
Job Ticket: 67099 **DST#: 5**
Test Start: 2021.06.29 @ 08:37:00

GENERAL INFORMATION:

Formation: **Chester Sandstone**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 10:26:30 Tester: Martine Salinas
Time Test Ended: 17:44:49 Unit No: 82
Interval: 4679.00 ft (KB) To 4719.00 ft (KB) (TVD) Reference Elevations: 2957.00 ft (KB)
Total Depth: 4719.00 ft (KB) (TVD) 2952.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 203.42 psig @ 4680.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.06.29 End Date: 2021.06.29 Last Calib.: 2021.06.29
Start Time: 08:37:01 End Time: 17:44:49 Time On Btm: 2021.06.29 @ 10:25:50
Time Off Btm: 2021.06.29 @ 15:00:50

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 4 mins (blow increased to 22 3/4")
60-ISI-No return
60-FF-B.O.B @ 6 mins (blow increased to 21" & reduced to 13")
120-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2396.89	112.19	Initial Hydro-static
1	36.06	111.89	Open To Flow (1)
35	91.14	116.79	Shut-In(1)
91	1246.21	117.83	End Shut-In(1)
92	91.27	117.54	Open To Flow (2)
132	203.42	118.35	Shut-In(2)
274	1250.99	119.76	End Shut-In(2)
275	2369.27	119.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
175.00	GOCM 18%G, 26%O, 56%M	2.48
5.00	CO 100%O	0.07
0.00	600' GIP	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

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67099

DST#: 5

ATTN: Dave Goldak

Test Start: 2021.06.29 @ 08:37:00

Tool Information

Drill Pipe:	Length: 4663.00 ft	Diameter: 3.82 inches	Volume: 66.10 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 66.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	4679.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4652.00	
Hydraulic tool	5.00	1113		4657.00	
Jars	5.00	01-07		4662.00	
EM Tool	4.00			4666.00	
Safety Joint	3.00	-001		4669.00	
Packer	5.00			4674.00	32.00 Bottom Of Top Packer
Packer	5.00			4679.00	
Stubb	1.00			4680.00	
Recorder	0.00	8959	Inside	4680.00	
Recorder	0.00	8734	Outside	4680.00	
Perforations	1.00			4681.00	
Change Over Sub	1.00			4682.00	
Drill Pipe	32.00			4714.00	
Change Over Sub	1.00			4715.00	
Perforations	1.00			4716.00	
Bullnose	3.00			4719.00	40.00 Bottom Packers & Anchor
Total Tool Length:	72.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket: 67099

DST#: 5

ATTN: Dave Goldak

Test Start: 2021.06.29 @ 08:37:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 65.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 5100.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 28.5 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

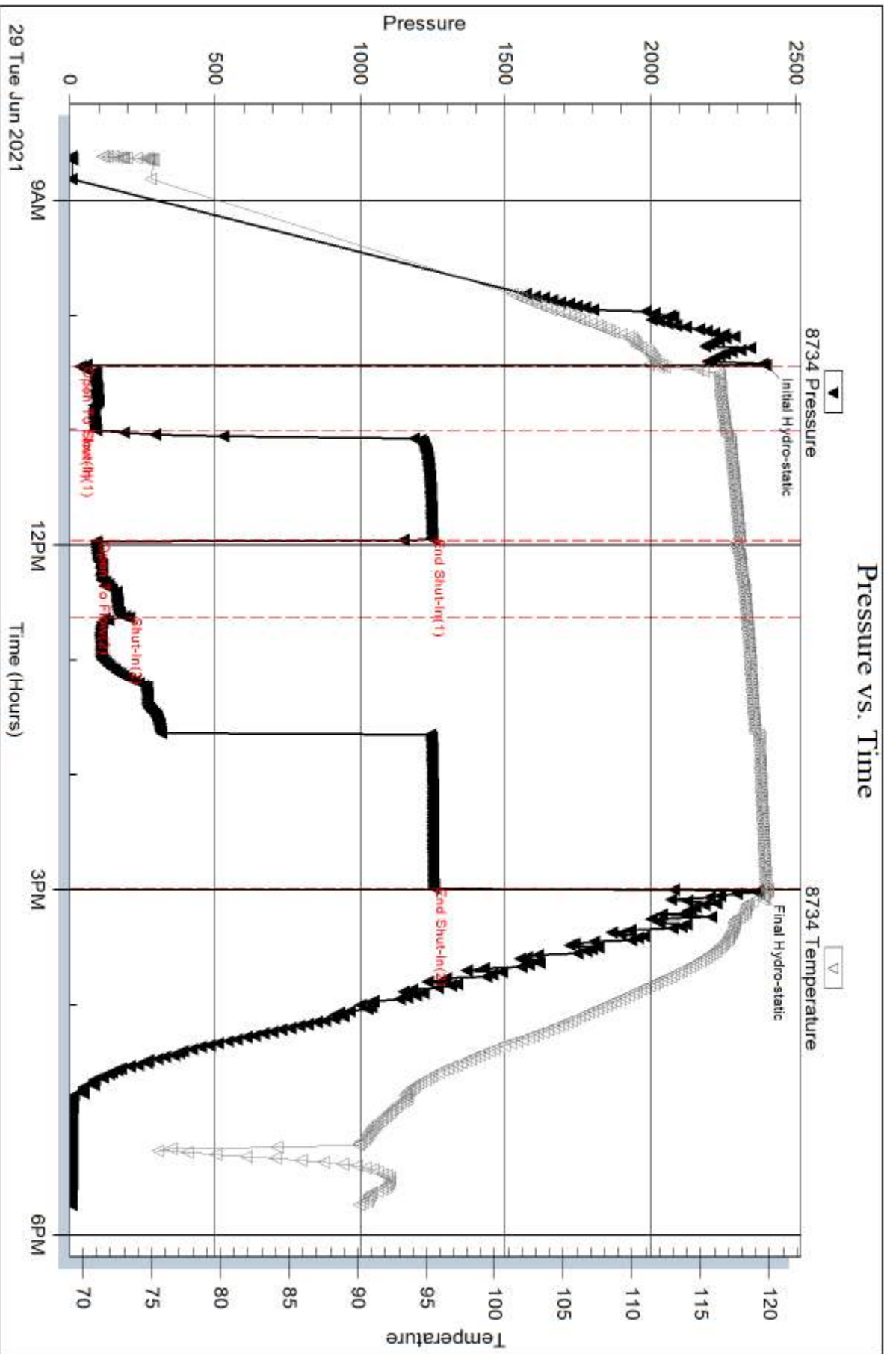
Length ft	Description	Volume bbl
175.00	GOCM 18%G, 26%O, 56%M	2.481
5.00	CO 100%O	0.071
0.00	600' GIP	0.000

Total Length: 180.00 ft Total Volume: 2.552 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity of oil = 31.5 @ 90 degs corrected to 28.5 @ 60 degs



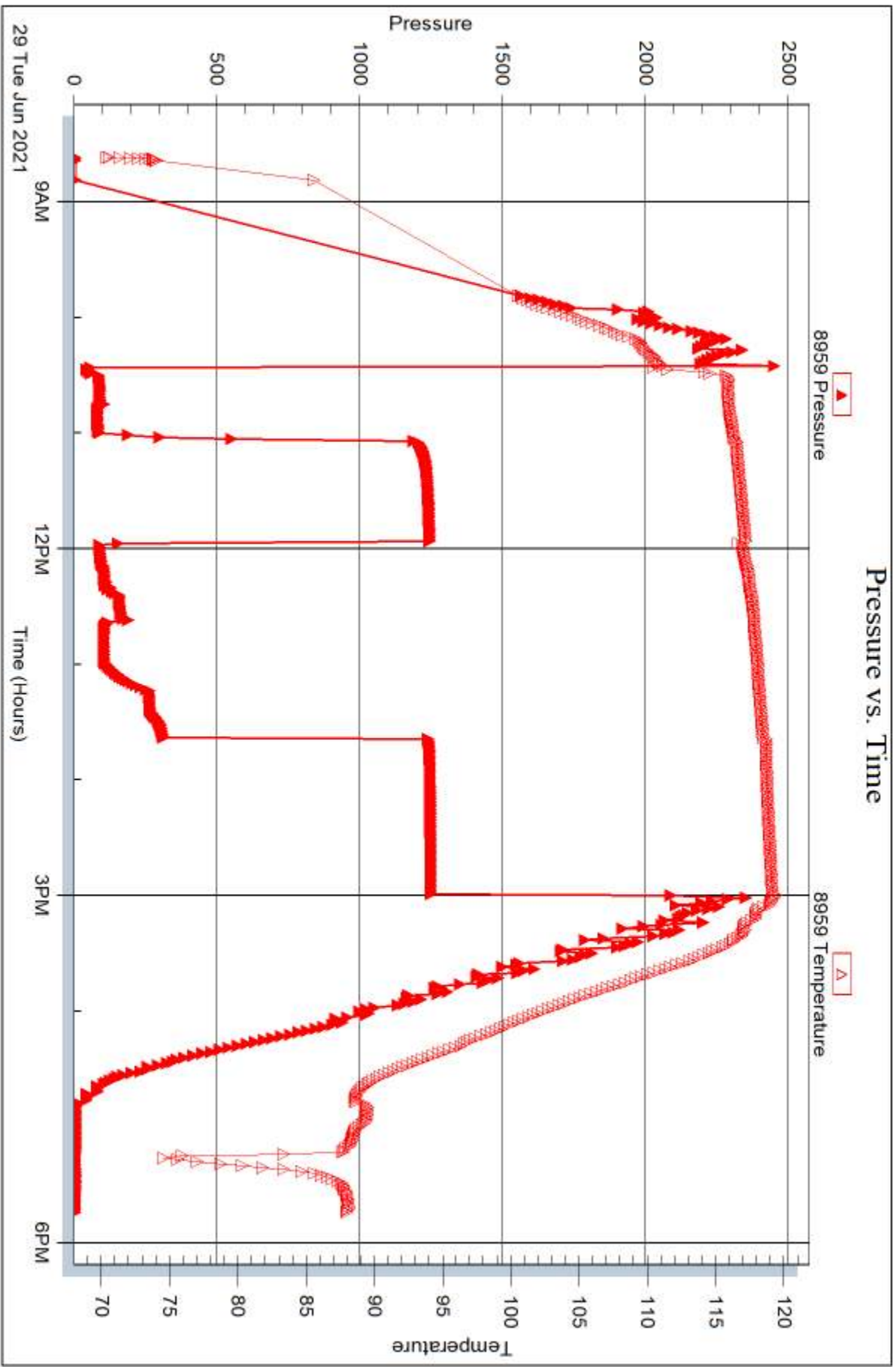
Serial #: 8959

Inside

Eagle Creek Corp

Leonard #1-2

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

423 E Flint Hills National CT
Wichita KS 67002+8838

ATTN: Dave Goldak

Leonard #1-2

2-21s-34w Finney,KS

Start Date: 2021.06.30 @ 08:45:00

End Date: 2021.06.30 @ 15:17:00

Job Ticket #: DST #: 6

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

Printed: 2021.07.01 @ 17:20:44



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corp
 423 E Flint Hills National CT
 Wichita KS 67002+8838
 ATTN: Dave Goldak

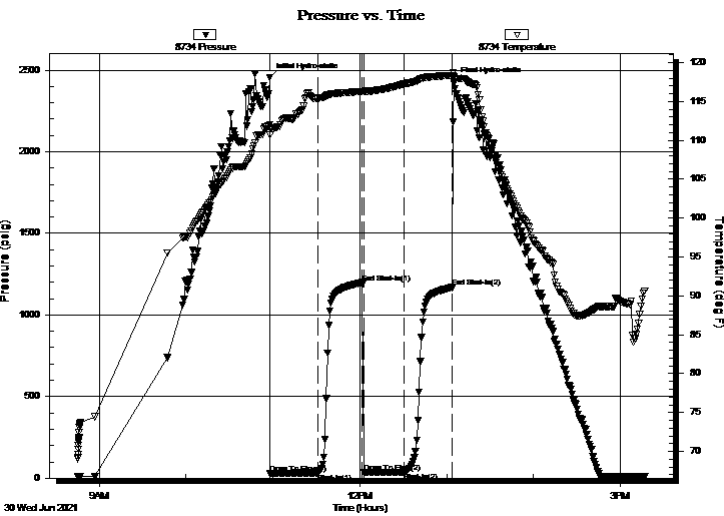
2-21s-34w Finney,KS
Leonard #1-2
 Job Ticket: **DST#: 6**
 Test Start: 2021.06.30 @ 08:45:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:58:00
 Time Test Ended: 15:17:00
 Interval: **4796.00 ft (KB) To 4816.00 ft (KB) (TVD)**
 Total Depth: 4816.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2957.00 ft (KB)
 2952.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 36.96 psig @ 4797.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.06.30 End Date: 2021.06.30 Last Calib.: 2021.06.30
 Start Time: 08:45:01 End Time: 15:17:00 Time On Btm: 2021.06.30 @ 10:57:40
 Time Off Btm: 2021.06.30 @ 13:05:00

TEST COMMENT: 30-IF-Surface blow built to 1/2"
 30-ISI-No return
 30-FF-Surface blow @ 5 mins built to 1/8"
 30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.16	112.02	Initial Hydro-static
1	26.86	110.74	Open To Flow (1)
33	32.56	115.40	Shut-In(1)
64	1198.26	116.31	End Shut-In(1)
66	33.90	116.28	Open To Flow (2)
94	36.96	117.24	Shut-In(2)
127	1169.08	118.36	End Shut-In(2)
128	2429.80	118.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM 3%O, 97%M	0.28

* 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

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket:

DST#: 6

ATTN: Dave Goldak

Test Start: 2021.06.30 @ 08:45:00

Tool Information

Drill Pipe:	Length: 4789.00 ft	Diameter: 3.82 inches	Volume: 67.89 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 67.89 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	4796.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	52.00 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			4765.00	
Shut In Tool	5.00			4770.00	
Hydraulic tool	5.00	1113		4775.00	
Jars	5.00	01-07		4780.00	
EM Tool	4.00			4784.00	
Safety Joint	3.00	-001		4787.00	
Packer	5.00			4792.00	32.00 Bottom Of Top Packer
Packer	4.00			4796.00	
Stubb	1.00			4797.00	
Recorder	0.00	8959	Inside	4797.00	
Recorder	0.00	8734	Outside	4797.00	
Perforations	16.00			4813.00	
Bullnose	3.00			4816.00	20.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp

2-21s-34w Finney,KS

423 E Flint Hills National CT
Wichita KS 67002+8838

Leonard #1-2

Job Ticket:

DST#: 6

ATTN: Dave Goldak

Test Start: 2021.06.30 @ 08:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OSM 3%O, 97%M	0.284

Total Length: 20.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

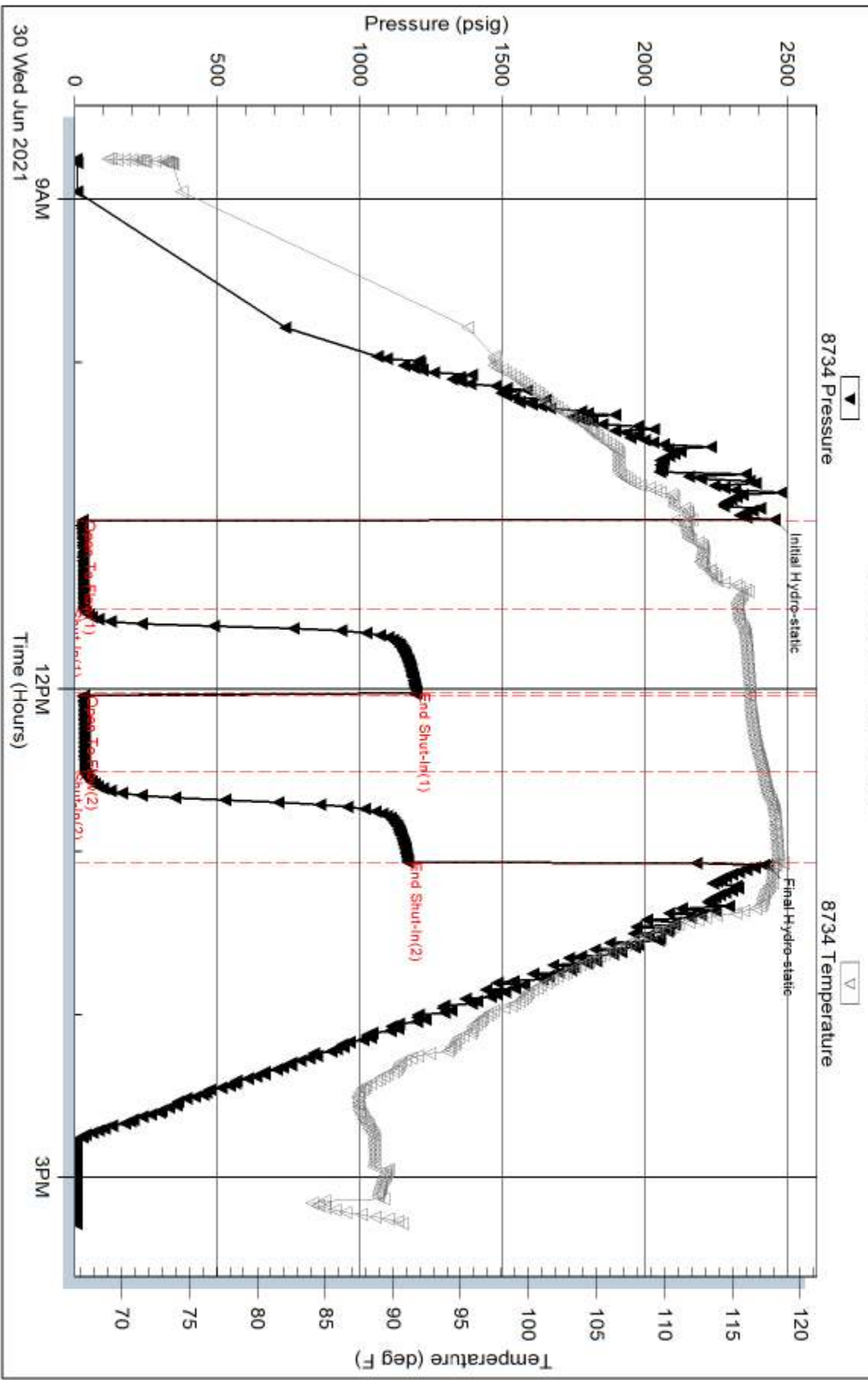
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



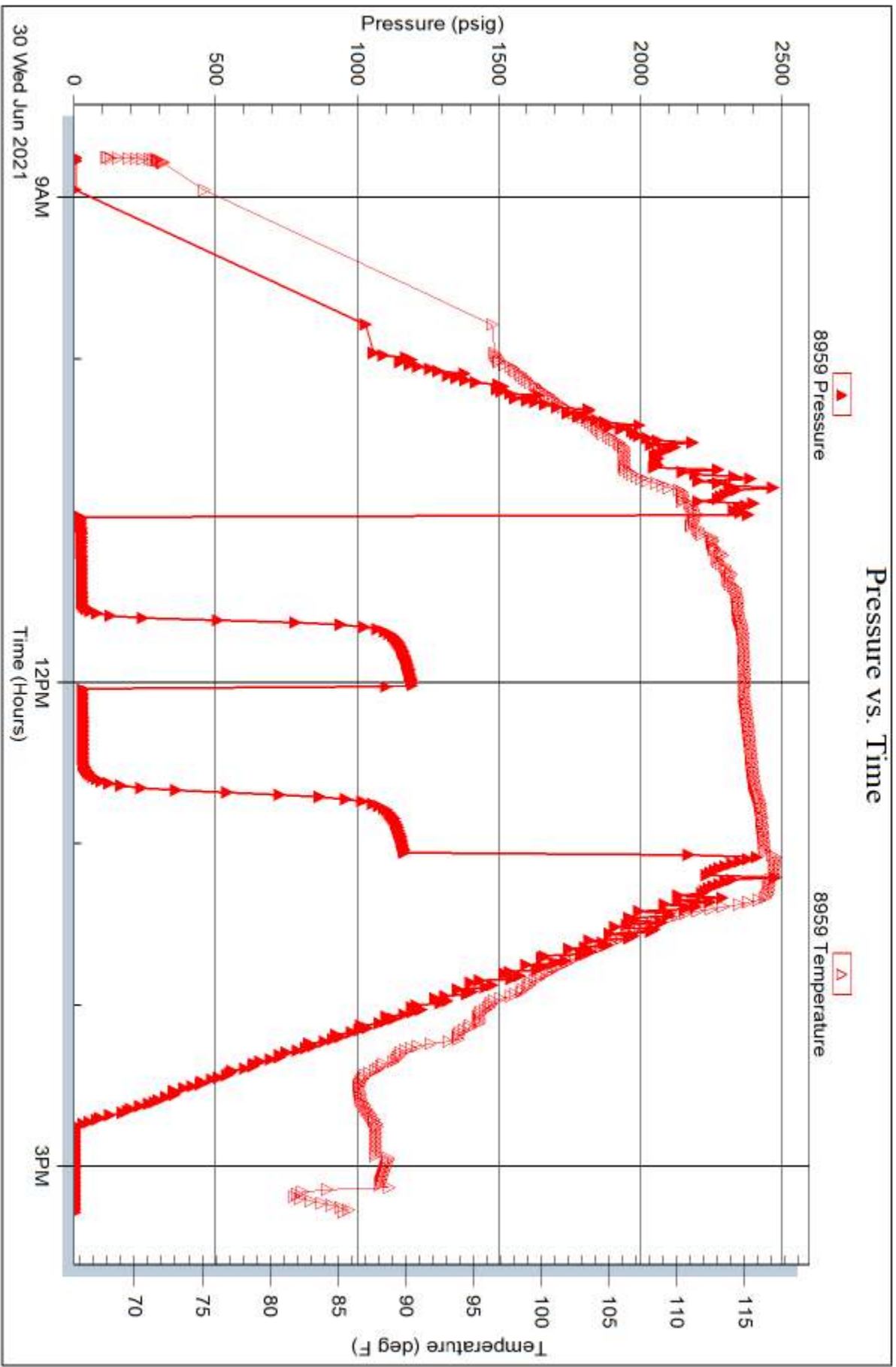
Serial #: 8959

Inside

Eagle Creek Corp

Leonard #1-2

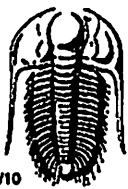
DST Test Number: 6



Trilobite Testing, Inc

Ref. No:

Printed: 2021.07.01 @ 17:20:45



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67367

Well Name & No. Leonard # 1-2 Test No. 1 Date 06/24/2021
 Company Eagle Creek Corp. Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National C7 Andover Mo 670027 8838
 Co. Rep / Geo. Dave Goldak Rig L D
 Location: Sec. 2 Twp 21 S Rge. 34 W Co. Finney State Mo

Interval Tested 4078' - 4104' Zone Tested LKC 'D'
 Anchor Length 26' Drill Pipe Run 4063' Mud Wt. 8.9
 Top Packer Depth 4073' Drill Collars Run - Vls 50
 Bottom Packer Depth 4078' Wt. Pipe Run - WL 8.0
 Total Depth 4104' Chlorides 2800 ppm System LCM 2 1/2 #

Blow Description 07 - Surface to 10"
1st - No Return
47 - Surface to 6 3/4"
75D - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>260'</u>	<u>MW</u>		<u>75</u>	<u>25</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

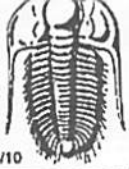
Rec Total 260' BHT 112° Gravity - API RW 261 @ 90 °F Chlorides 98000 ppm

(A) Initial Hydrostatic 2019 Test 1300 T-On Location 07:48
 (B) First Initial Flow 21 Jars 250 T-Started 08:03
 (C) First Final Flow 75 Safety Joint 75 T-Open 10:38
 (D) Initial Shut-In 951 Circ Sub _____ T-Pulled 15:08
 (E) Second Initial Flow 77 Hourly Standby _____ T-Out 17:08
 (F) Second Final Flow 130 Mileage 48rt 60 Comments _____
 (G) Final Shut-In 963 Sampler _____
 (H) Final Hydrostatic 1916 Straddle _____ EM Tool 350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30 Sub Total 350
 Initial Shut-In 60 Total 2035
 Final Flow 60 MP/DST Disc't _____
 Final Shut-In 120 Sub Total 1685

Approved By _____ Our Representative Spencer J. Jacob Thanks!
 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.

785-259-0056



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67096

Well Name & No. Leonard #1-2 Test No. 2 Date 6-25-21
 Company Eagle Creek Corp. Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National CT Wichita, KS 67002
 Co. Rep / Geo. Dave Goldak Rig LD #1
 Location: Sec. 2 Twp 21S Rge. 34W Co. Finney State KS

Interval Tested 4340-4357 Zone Tested Marneaton
 Anchor Length 17' Drill Pipe Run 4316 Mud Wt. 9.0
 Top Packer Depth 4335 Drill Collars Run — Vis 47
 Bottom Packer Depth 4340 Wt. Pipe Run — WL 9.6
 Total Depth 4357 Chlorides 4300 ppm System LCM 3#

Blow Description IF - B.O.B @ 11 inches @ 1 min (blow increased to 87 1/2")
ISI - B.O.B @ 7 mins (blow increased to 44 3/4")
FF - B.O.B @ 3 mins (blow increased to 124")
FSI - B.O.B @ 20 mins (blow increased to 25 3/4" + reduced to 24")

Rec	Feet of	%gas	%oil	%water	%mud
150	GMC	43	37	20	
1300	CGO	38	62		
0	2820' GIP				

Rec Total 1450 BHT 117 Gravity 33.8 API RW — @ — °F Chlorides — ppm

- (A) Initial Hydrostatic 2177
- (B) First Initial Flow 72
- (C) First Final Flow 175
- (D) Initial Shut-In 1185
- (E) Second Initial Flow 188
- (F) Second Final Flow 503
- (G) Final Shut-In 1190
- (H) Final Hydrostatic 2187

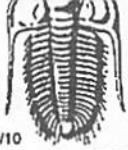
- Test 1300
- Jars 250
- Safety Joint 75
- Circ Sub —
- Hourly Standby —
- Mileage 43 RT 60
- Sampler —
- Straddle —
- Shale Packer —
- Extra Packer —
- Extra Recorder —
- Day Standby —
- Accessibility —
- Sub Total 1685

T-On Location 15:30
 T-Started 16:26
 T-Open 18:35
 T-Pulled 22:50
 T-Out 02:23
 Comments opened tool & slid 4' to bottom
G.T.S. @ end of shut in (2)
 EM Tool 350 NS
 Ruined Shale Packer —
 Ruined Packer —
 Extra Copies —
 Sub Total 0
 Total 1685
 MP/DST Disc't —

Initial Open 15
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 120

Approved By [Signature] Our Representative [Signature]

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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67097

Well Name & No. Leonard # 1-2 Test No. 3 Date 6-26-21
 Company Eagle Creek Corp. Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National CT Wichita, KS. 67002
 Co. Rep / Geo. Dave Goldak Rig LD#1
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS

Interval Tested 4434-4461 Zone Tested Ft. Scott
 Anchor Length 27 Drill Pipe Run 411 Mud Wt. 8.9
 Top Packer Depth 4429 Drill Collars Run — Vis 54
 Bottom Packer Depth 4434 Wt. Pipe Run — WL 7.0
 Total Depth 4461 Chlorides 4400 ppm System LCM 24

Blow Description IF. B.O.B (11 inches) @ 18 mins (blow increased to 18")
ISI. No return.
FF. B.O.B @ 2 mins (blow increased to 33 1/4")
FSI. Return blow built to 4'4" + reduced to surface.

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>GOCM</u>	<u>40</u>	<u>15</u>	<u>45</u>	
<u>50</u>	<u>CGO</u>	<u>50</u>	<u>50</u>		

Rec Total 100 BHT 115 Gravity 33.6 API RW — @ — °F Chlorides — ppm

- (A) Initial Hydrostatic 2232
- (B) First Initial Flow 28
- (C) First Final Flow 41
- (D) Initial Shut-In 983
- (E) Second Initial Flow 42
- (F) Second Final Flow 63
- (G) Final Shut-In 978
- (H) Final Hydrostatic 2191

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

- Test 1300
 - Jars 250
 - Safety Joint 75
 - Circ Sub
 - Hourly Standby
 - Mileage 48 RT 60
 - Sampler
 - Straddle
 - Shale Packer
 - Extra Packer
 - Extra Recorder
 - Day Standby
 - Accessibility
 - Sub Total 1685
- T-On Location 19:00
 T-Started 19:25
 T-Open 21:19
 T-Pulled 01:49
 T-Out 04:00
 Comments _____
 EM Tool 350
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 350
 Total 2035
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67098

Well Name & No. Leonard #1-a Tgst No. 4 Date 6-27-21
 Company Eagle Creek Corp. Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National CT Wichita, KS 67002
 Co. Rep / Geo. Dave Goldak Rig LD#1
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS

Interval Tested 4460-4512. Zone Tested Cherakcc.
 Anchor Length 52 Drill Pipe Run 4442 Mud Wt. 8.9
 Top Packer Depth 4455 Drill Collars Run — Vis 55
 Bottom Packer Depth 4460 Wt. Pipe Run — WL 9.2
 Total Depth 4512 Chlorides 5700 ppm System LCM #

Blow Description IF - B.o.B (11 inches) @ 5 mins (blow increased to 46 1/2")
IST - Return blow @ 4 mins. built to 2" & reduced to 1 1/2"
FF - B.o.B @ 2 mins. (blow increased to 56 1/2")
FST - Return blow ASAST built to 7" & reduced to 2 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>GMC</u>	<u>35</u>	<u>48</u>	<u>17</u>	
<u>100</u>	<u>CGO</u>	<u>40</u>	<u>60</u>		
<u>0</u>	<u>1570' GIP</u>				

Rec Total 190' BHT 114 Gravity 35.0 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2182 Test 1300 T-On Location 14:55
 (B) First Initial Flow 30 Jars 250 T-Started 15:20
 (C) First Final Flow 52 Safety Joint 75 T-Open 17:14
 (D) Initial Shut-In 1011 Circ Sub _____ T-Pulled 21:44
 (E) Second Initial Flow 54 Hourly Standby _____ T-Out 01:13
 (F) Second Final Flow 95 Mileage 48 BT 60 Comments _____
 (G) Final Shut-In 1000 Sampler _____
 (H) Final Hydrostatic 2159 Straddle _____ EM Tool 350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 120
 Sub Total 1685 MP/DST Disc't _____
 Total 1685

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67099

Well Name & No. Leonard #1-2 Test No. 5 Date 6-29-21
 Company Eagle Creek Corp. Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National CT Wichita, KS 67202
 Co. Rep / Geo. Dave Goldak Rig LD#1
 Location: Sec. 2 Twp 21S. Rge. 34W. Co. Finney State KS.

Interval Tested 4679-4719 Zone Tested Chester Sandstone
 Anchor Length 40' Drill Pipe Run 4663 Mud Wt. 8.9
 Top Packer Depth 4674 Drill Collars Run — Vis 65
 Bottom Packer Depth 4679 Wt. Pipe Run — WL 8.8
 Total Depth 4719 Chlorides 5100 ppm System LCM 3 1/2"

Blow Description IF - B.O.B (11 inches) @ 4 mins (blow increased to 22 3/4")
ISI - No return
FE - B.O.B @ 6 mins (blow increased to 21" & reduced to 13")
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>90CM</u>	<u>18</u>	<u>26</u>	<u>56</u>	
<u>5</u>	<u>CO</u>	<u>100</u>			
<u>0</u>	<u>606' CRIP</u>				

Rec Total 180 BHT 120 Gravity 28.5 API RW — @ — °F Chlorides — ppm

- (A) Initial Hydrostatic 2397
- (B) First Initial Flow 36
- (C) First Final Flow 91
- (D) Initial Shut-In 1246
- (E) Second Initial Flow 91
- (F) Second Final Flow 315
- (G) Final Shut-In 1251
- (H) Final Hydrostatic 2369

- Test 1300
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 48 RT 60
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1685

T-On Location 08:20
 T-Started 08:37
 T-Open 10:27
 T-Pulled 14:57
 T-Out 17:45
 Comments

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

- EM Tool 350 NS
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1685

Approved By [Signature] Our Representative [Signature] MP/DST Disc't —

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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67100

Well Name & No. Leonard #1-2 Test No. 6 Date 6-30-21
 Company Eagle Creek Corp Elevation 2957 KB 2952 GL
 Address 423 E Flint Hills National CT Wichita, KS 67002
 Co. Rep / Geo. Dave Guldek Rig LD #1
 Location: Sec. 2 Twp 21 S. Rge. 34 W. Co. Finney State KS

Interval Tested 4796-4816 Zone Tested ST. Louis.
 Anchor Length 20' Drill Pipe Run 4789 Mud Wt. 9.0
 Top Packer Depth 4791 Drill Collars Run — Vis 59
 Bottom Packer Depth 4796 Wt. Pipe Run — WL 8.4
 Total Depth 4816 Chlorides 6700 ppm System LCM 3#

Blow Description IF - S. blow built to 1/2"
ISI - No return.
FF - S. blow @ 5 mins built to 1/8"
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>0.5M</u>	<u>3</u>		<u>97</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 20 BHT 118 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2455 Test 1300 T-On Location 08:15
 (B) First Initial Flow 27 Jars 250 T-Started 08:45
 (C) First Final Flow 33 Safety Joint 75 T-Open 11:00
 (D) Initial Shut-In 1198 Circ Sub — T-Pulled 13:00
 (E) Second Initial Flow 34 Hourly Standby — T-Out 15:17
 (F) Second Final Flow 37 Mileage 48 RT 60 Comments Tools loaded @ 16:00
 (G) Final Shut-In 1169 Sampler —
 (H) Final Hydrostatic 2430 Straddle — EM Tool 350 NS
 Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies —
 Day Standby — Sub Total 0
 Accessibility — Total 1685
 Sub Total 1685 MP/DST Disc't —

Approved By [Signature] Our Representative [Signature]
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GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Leonard #1-2
API: 15-055-22538-0000
Location: Section 2 - T21S - R34W
License Number: _____
Spud Date: 06 / 18 / 2021
Surface Coordinates: 2145' FNL and 2621' FEL
NW - SW - SW - NE
Bottom Hole Coordinates: _____
Ground Elevation (ft): 2952' K.B. Elevation (ft): 2957'
Logged Interval (ft): 3680' To: 4900' Total Depth (ft): 4900'
Formation: Miss. St Louis
Type of Drilling Fluid: Chemical - Mud Co

Region: Finney Co., KS
Drilling Completed: 07 / 01 / 2021

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Eagle Creek Corporation
Address: 423 E Flint Hills National Ct
Andover, KS 67002

GEOLOGIST

Name: David J. Goldak
Company: D. J. GOLDAK, INC.
Address: 12427 W Ridgepoint Cir
Wichita, Kansas 67235

General Info

CONTRACTOR: LD Drilling, Rig #1

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Varel-?	3-15s	271	271	2.00
2	7-7/8	Varel-HE29	14-14-15	4900	4629	145.25

SURVEYS: 271'-0.00, 4104'-1.00, 4900'-1.00

GENERAL DRILLING & PUMP INFORMATION:

Drilling with 16 collars (6.25"x2.25"): 495.27
Drilling with 36,000-38,000 lbs on bit and 70-80 RPM.
Pumping 52 S/M; 7.2 B/M; and 700-900 psi at the standpipe.

Daily Status

06/18/21 - Spud at 12:45 PM; Set 8.625" Csg. at 268'; PD at 7:15 PM; DP at 3:15 AM 06/19
 06/19/21 - 540' Drilling
 06/20/21 - 1,916' Drilling
 06/21/21 - 2,750' Drilling
 06/22/21 - 3,215' Drilling; Displace at 3,496'
 06/23/21 - 3,690' Drilling
 06/24/21 - 4,104' TOOH for DST #1
 06/25/21 - 4,269' Drilling; DST #2 at 4,357'
 06/26/21 - 4,368' CFS; DST #3 at 4,461'
 06/27/21 - 4,461' CTCH; DST #4 at 4,512'
 06/28/21 - 4,512' Rig Repair
 06/29/21 - 4,719' TOOH for DST #5
 06/30/21 - 4,816' TOOH for DST #6
 07/01/21 - 4,900' Waiting on logging truck

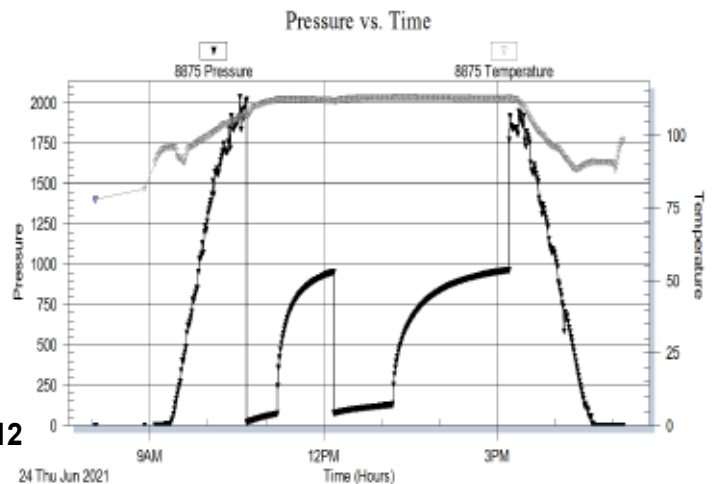
	Log Tops	Sample Tops
Anhydrite	2094 (+863)	2095 (+862)
Base/Anhy	2108 (+849)	2110 (+847)
Heebner	3807 (-850)	3809 (-852)
Lansing	3848 (-891)	3852 (-895)
Muncie Creek Sh	4049 (-1092)	4050 (-1093)
Stark Shale	4174 (-1217)	4173 (-1216)
Hushpuckney Sh	4222 (-1265)	4222 (-1265)
Marmaton	4331 (-1374)	4333 (-1376)
Pawnee	4419 (-1462)	4418 (-1461)
Ft Scott	4442 (-1485)	4442 (-1485)
Cherokee Shale	4456 (-1499)	4456 (-1499)
Morrow Shale	4638 (-1681)	4639 (-1682)
Chester Sand	4683 (-1726)	4682 (-1725)
Miss. St Genevieve	4698 (-1741)	4698 (-1741)
Miss. St Louis	4730 (-1773)	4734 (-1777)
Total Depth	4900 (-1943)	4900 (-1943)

DST #1: 4,078' - 4,104' (LKC Upper "I" Zone)
 30" - 60" - 60" - 120"

IF: Blow building to 10 inches
ISI: No return blow
FF: Blow building to 6.75 inches
FSI: No return blow

RECOVERY: 260' Total Fluid, consisting of:
260' MCW (75% W & 25% M); Chlorides: 98,000 ppm

SIP: 952-963; FP: 22-75, 77-131; HP: 2020-1917; BHT: 112

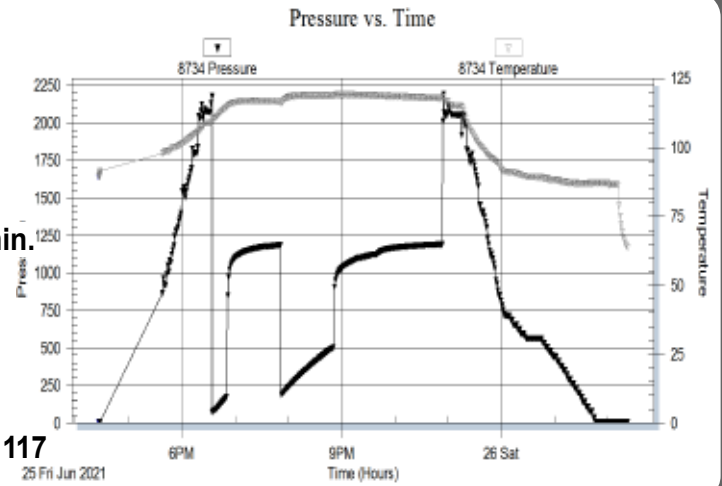


**DST #2: 4,340' - 4,357' (Marmaton "B" zone)
15" - 60" - 60" - 120"**

**IF: Blow building to BOB in 1 min.
ISI: Return blow building to BOB in 7 min.
FF: Blow building to BOB in 3 min.
FSI: Return blow building to BOB in 20 min.; GTS in 120 min.**

**RECOVERY: 1,450' Total Fluid, consisting of:
1300' CGO (38% G & 62% O); Gravity 34 API
150' GMCO (43% G, 37% O & 20% M)**

SIP: 1185-1190; FP: 72-175, 188-503; HP: 2177-2187; BHT: 117

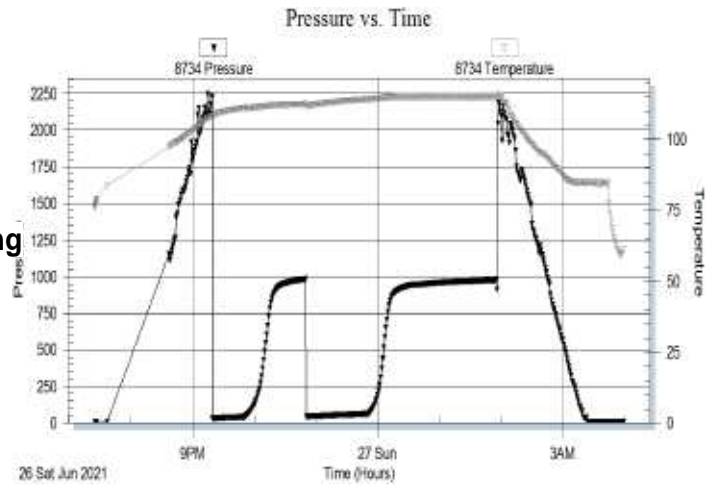


**DST #3: 4,434' - 4,461' (Ft Scott)
30" - 60" - 60" - 120"**

**IF: Blow building to BOB in 18 min.
ISI: No return blow
FF: Blow building to BOB in 2 min.
FSI: Return blow building to 4.25 inches, then decreasing**

**RECOVERY: 100' Total Fluid, consisting of:
50' CGO (50% G & 50% O); Gravity 33 API
50' GOCM (40% G, 15% O & 45% M)**

SIP: 983-978 FP: 28-41, 42-63; HP: 2232-2191; BHT: 115

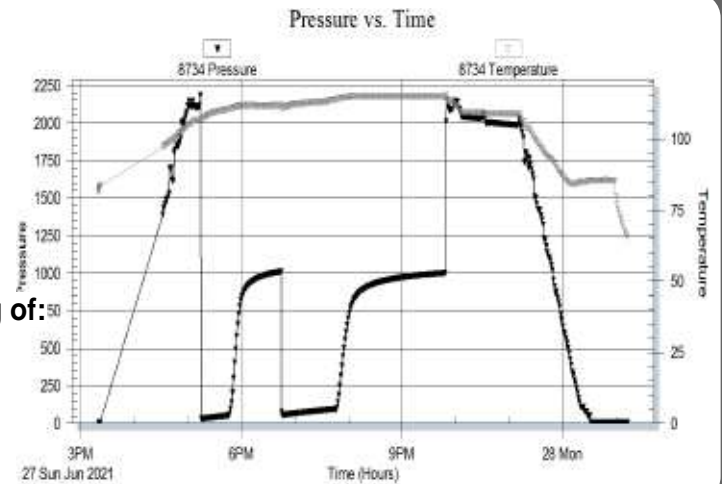


**DST #4: 4,460' - 4,512' (Cherokee Ls)
30" - 60" - 60" - 120"**

**IF: Blow building to BOB in 5 min.
ISI: Return blow building to 2 inches, then decreasing
FF: Blow building to BOB in 2 min.
FSI: Return blow building to 7 inches, then decreasing**

**RECOVERY: 1570' Gas in pipe & 190' Total Fluid, consisting of:
100' CGO (40% G & 60% O); Gravity 35 API
90' GMCO (35% G, 48% O & 17% M)**

SIP: 1011-1000 FP: 30-52, 54-95; HP: 2182-2159; BHT: 114

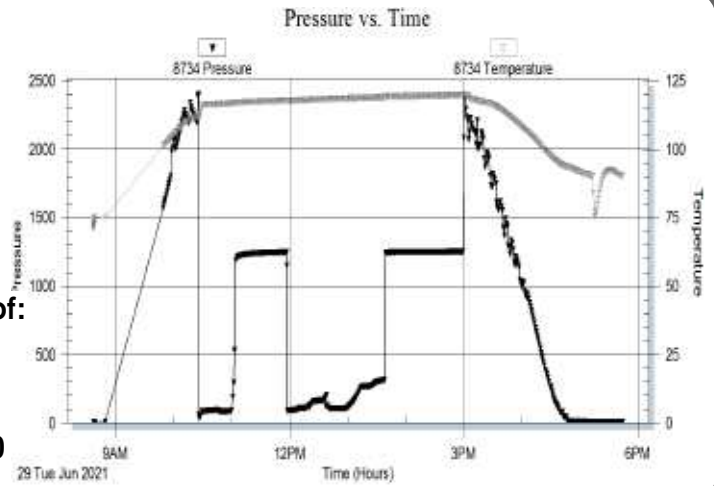


DST #5: 4,679' - 4,719' (Chester Sand)
 30" - 60" - 60" - 120"

IF: Blow building to BOB in 4 min.
ISI: No return blow
FF: Blow building to BOB in 6 min.
FSI: No return blow

RECOVERY: 600' Gas in pipe & 180' Total Fluid, consisting of:
 175' GOCM (18% G, 26% O & 56% M)
 5' CO (100% O); Gravity 29 API

SIP: 1246-1251 **FP:** 36-91, 91-315; **HP:** 2397-2369; **BHT:** 120

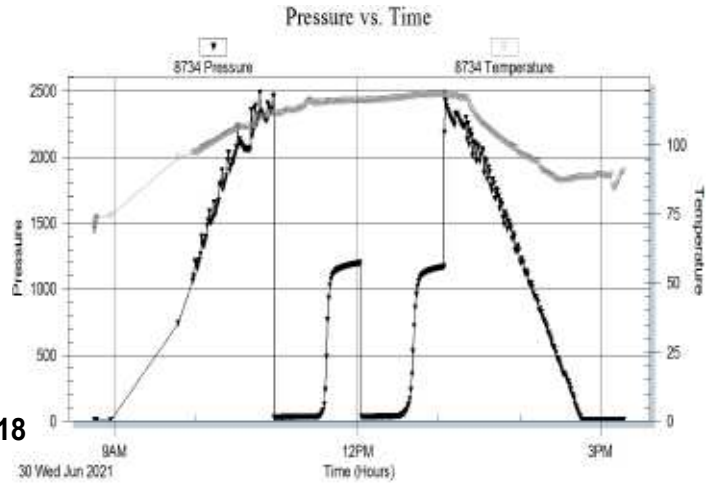


DST #6: 4,796' - 4,816' (Miss. St Louis)
 30" - 30" - 30" - 30"

IF: Blow building to 0.5 inches
ISI: No return blow
FF: Blow building to 0.125 inches
FSI: No return blow

RECOVERY: 20' Total Fluid, consisting of:
 20' SOCM (3% O & 97% M)

SIP: 1198-1169 **FP:** 27-33, 34-37; **HP:** 2455-2430; **BHT:** 118



ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Sltst
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Sltstn
- Shlyslts
- Sltlysh
- Lms

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh

- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOWS

- Even
- Spotted
- Ques
- Dead
- Gas show

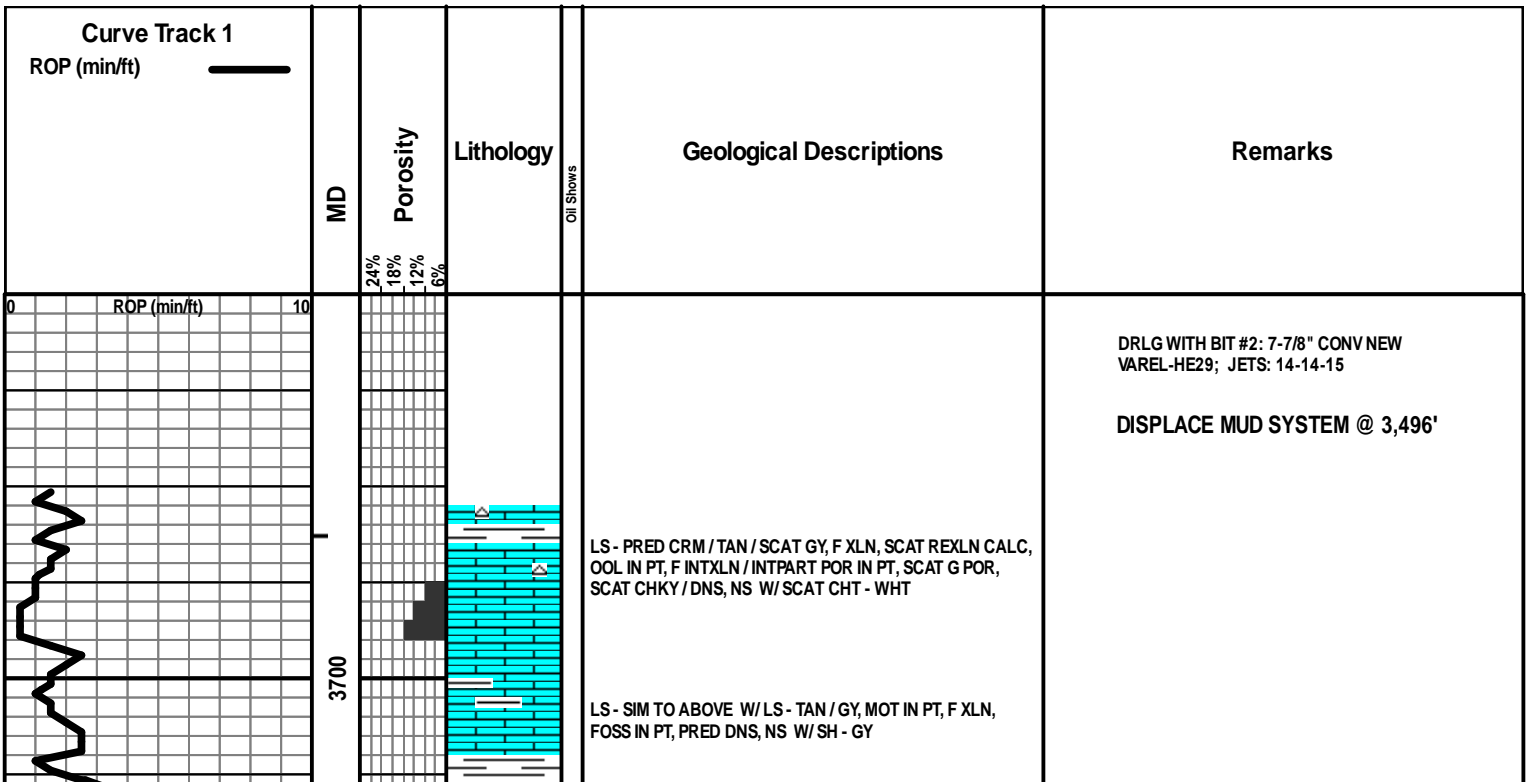
INTERVALS

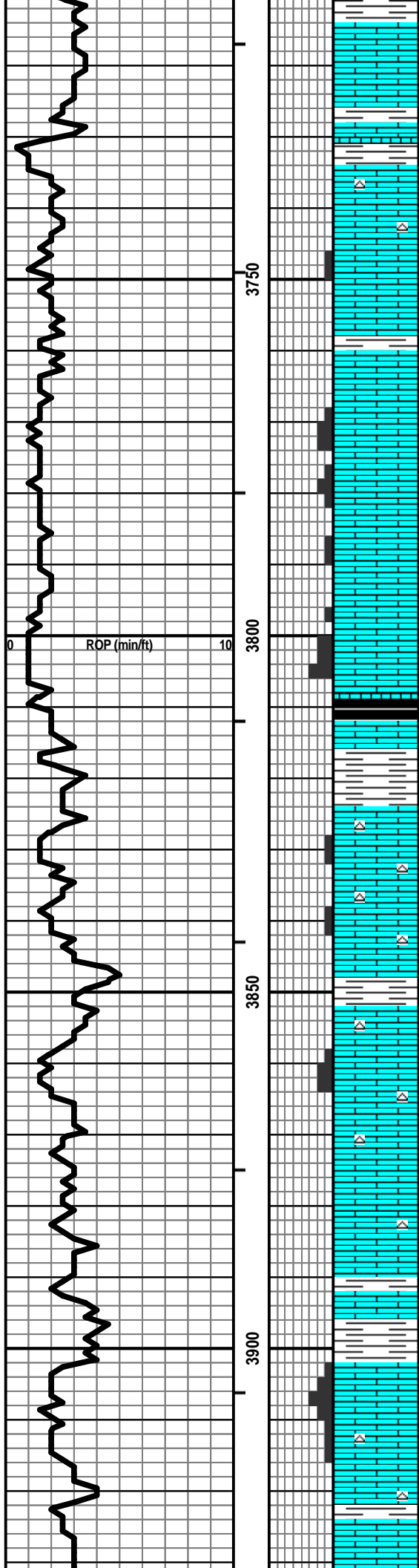
- Core
- Dst

- Dst_1_t
- Dst_1_b
- Dst

EVENTS

- Rft
- Sidewall
- Conn





LS - LT / MED GY / TAN, MOT IN PT, F XLN, SCAT CHKY, PRED DNS, NS W/ SH - GY

Vis: 46, Wt: 8.6, LCM: 2#

LS - CRM / TAN / WHT, F XLN, FOSS IN PT, SUBCHKY / CHKY IN PT, PRED DNS, NS W/ CHT - WHT / LT GY W/ SH - GY / SCAT GRN

3750

LS - CRM / TAN / SCAT GY, MOT IN PT, F XLN, SL FOSS, SCAT P INTXLN POR, PRED SUBCHKY / DNS, NS

LS - CRM / WHT / TAN / SCAT BRN, MOT IN PT, F XLN, FOSS, SOME F INTXLN POR, TR P MOLDIC POR, CHKY IN PT, P / F SHOW GILS, NSFO, NO ODOR

LS - SIM TO ABOVE, SCAT POR, CHKY IN PT, NS

LS - CRM / TAN / WHT, F XLN, SCAT REXLN CALC, FOSS IN PT, F INTXLN POR IN PT, CHKY IN PT, NS

ROP (min/ft)

3800

SH - BLK, CARB

HEEBNER 3809 (-852)

LS - GY / TAN, F XLN, PRED DNS, NS W/ SH - BLK / GY / SCAT GRN & RED

SH - AA W/ LS - CRM / WHT / LT GY, F XLN, SCAT REXLN CALC, PRED DNS, NS W/ SCAT CHT - LT GY / WHT

LS - CRM / TAN / WHT, F / SCAT M XLN, SL FOSS, SCAT P INTXLN POR IN PT, PRED CHKY / DNS, NS W/ CHT - LT GY / WHT

Vis: 42, Wt: 8.9, LCM: 1.5#

3850

LS - SIM TO ABOVE, PRED DNS / SCAT CHKY, NS W/ SCAT SH - GY

LANSING 3852 (-895)

LS - CRM / TAN / SCAT GY, MOT IN PT, F XLN, OOL IN PT, DNS, NS W/ CHT - GY / WHT

LS - CRM / TAN, F XLN, FOSS & OOL, SCAT P / F INTXLN / INTPART POR, TR F PPT POR, NS W/ CHT - GY / WHT

LS - TAN / CRM / SCAT GY, F / VF XLN, TR FOSS PRED DNS, NS W/ SCAT CHT - GY / WHT

LS - ASABOVE W/ SCAT SH - PRED GY

PRED SH - GY / SCAT GRN, CALC IN PT

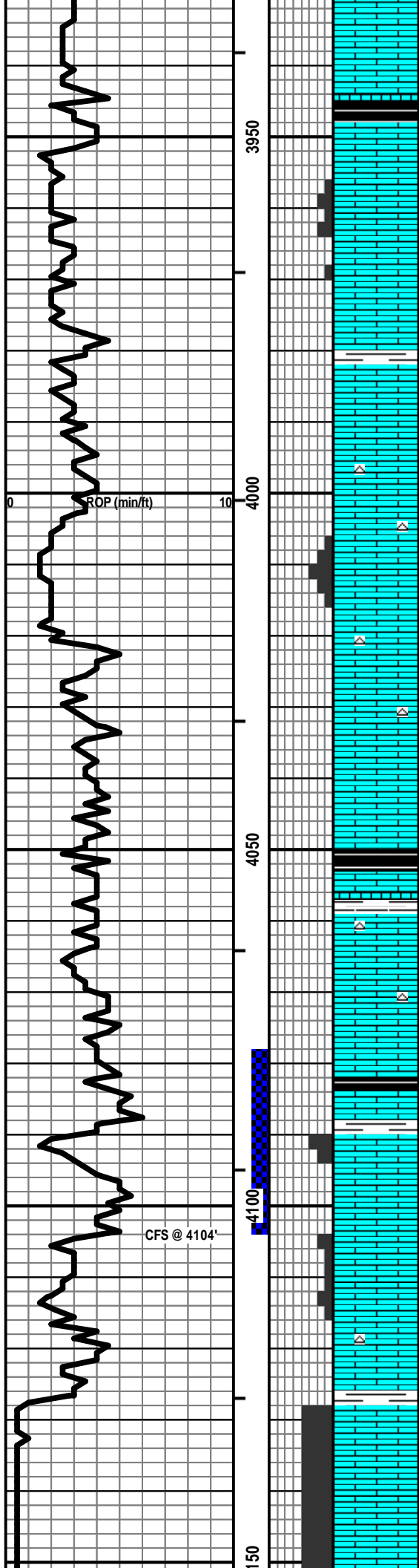
3900

LS - CRM / TAN, F XLN, FOSS & OOL IN PT, P / F PPT & VUG POR IN PT, NS

Vis: 43, Wt: 8.9, YP: 13
GelS: 13/36, pH: 10.5, WL: 8.8
Ch: 1,800, Sol: 4.3, LCM: 1.5#

LS - SIM TO ABOVE, SCAT CHKY / DNS, NS W/ SCAT CHT - WHT / TAN

LS - TAN / CRM / SCAT BRN, F / VF XLN, SL FOSS, PRED DNS, NS W/ SCAT SH - GY / GRN



LS - TAN / BRN, F / VF XLN, TR FOSS, PRED DNS, NS W/
SCAT SH - BLK, CARB

LS - BRN / GY, MOT IN PT, F / SCAT M XLN, OOL IN PT,
SUBCHKY IN PT, PRED DNS, NS

LS - CRM / SCAT TAN, PRED F XLN, OOL IN PT, P / F VUG &
INTXLN POR IN PT, CHKY IN PT, NS

LS - SIM TO ABOVE W/ SCAT BRN, PRED SUBCHKY / DNS,
NS

LS - TAN / BRN, F / VF XLN, SL FOSS, SCAT OOL, PRED DNS,
NS

LS - TAN / CRM, PRED F XLN, OOL IN PT, PRED DNS, NS W/
SCAT CHT - WHT / LT GY

LS - CRM / TAN, F XLN, OOL & FOSS IN PT, SCAT F / G
INTXLN & INTPART POR, TR PPT POR, PRED CHKY, NS

LS - TAN / GY / SCAT BRN, F XLN, SCAT OOL, PRED DNS, NS
W/ CHT - GY / SCAT WHT

LS - TAN / GY, F XLN, SCAT REXLN CALC, SCAT OOL, PRED
DNS, NS

LS - AS ABOVE W/ SH - BLK, CARB

LS - BRN / TAN / GY, MOT IN PT, F XLN, OOL IN PT, PRED
DNS, NS W/ SCAT CHT - WHT / LT GY

LS - CRM / TAN, F XLN, SCAT REXLN CALC, SL OOL, SCAT
CHKY, PRED DNS, NS W/ SCAT CHT - WHT - LT GY

LS & SCAT CHT - AS ABOVE W/ SH - BLK, CARB

LS - CRM / TAN, F XLN, OOL, PRED F / P INTXLN & INTPART
& VUG POR, TR G POR, F / G SHOW LT & DK BRN FO, STRG
ODOR, SPTY / SAT STN, G FLUOR & CUT

LS - CRM / GY / SCAT WHT, F / VF XLN, SL OOL & FOSS,
SUBCHKY / DNS, NS

LS - CRM / TAN / SCAT GY, MOT IN PT, F XLN, OOL, P / F OOM
POR IN PT, V CHKY IN PT, TR GILS, NSFO, PRED NS, NO
ODOR

LS - BRN / GY / TAN, MOT, F / VF XLN, OOL IN PT, CHKY IN PT,
PRED DNS, NS W/ CHT - LT GY / WHT

LS - CRM, F XLN, OOL, G OOM POR, NS

Vis: 47, Wt: 8.9, LCM: 2#

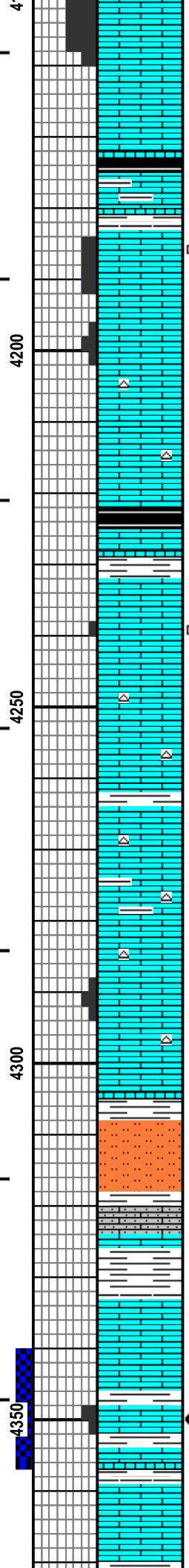
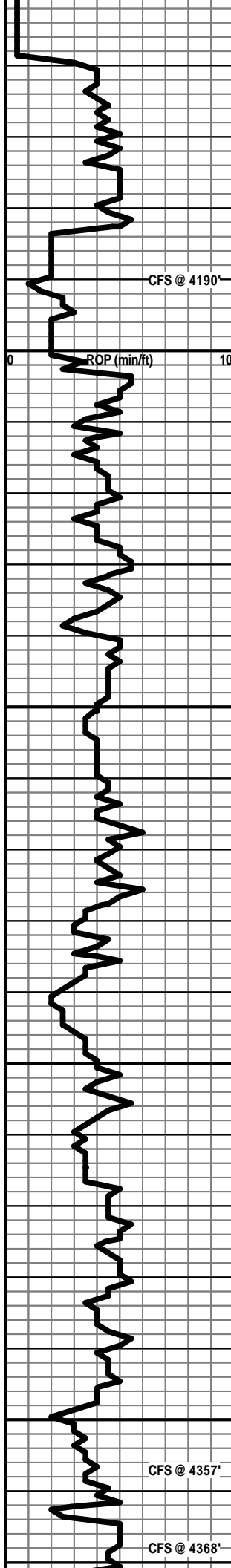
MUNCIE CREEK 4050 (-1093)

Vis: 57, Wt: 9.0, LCM: 2#

DST #1: 4078-4104
SEE DST HEADER FOR RESULTS

PIPE STRAP @ 4104': LONG 0.03'

Vis: 50, Wt: 8.9, YP: 15
GelS: 16/50, pH: 10.0, WL: 8.0
Cht: 2,800, Sol: 4.2, LCM: 2.5#



LS - TAN / SCAT BRN, F XLN, TR FOSS, PRED DNS, NS

LS - GY / BRN, MOT, F XLN, ARGIL IN PT, DNS W/ SH - GY / BLK, CARB IN PT

LS - CRM / TAN / WHT, F XLN, OOL, PRED P / F OOM POR, SCAT G POR, SCAT P INTXLN & VUG POR, FEW PCS SL / F SHOW GILS, TR FO, V FT ODOR, SCAT SPTY DK STN

LS - CRM / TAN, F XLN, OOL IN PT, SL FOSS, P / F OOM POR IN PT, SCAT PINTXLN POR, CHKY IN PT, NS

LS - TAN / GY, MOT IN PT, F XLN, SL FOSS, PRED DNS, NS W/ SCAT CHT - WHT / LT GY

LS - SIM TO ABOVE, SUBCHKY / DNS, NS W/ SCAT CHT - WHT / LT GY W/ SCAT SH - BLK, CARB

LS - TAN / BRN, F XLN, DNS, NS W SH - GY / BLK

LS - CRM / WHT / GY, F XLN, SCAT OOL & FOSS, FEW PCS P INTXLN POR, PRED DNS, SCAT GILS, TR FO, V FT ODOR, TR SPTY DK STN

LS - TAN / BRN / SCAT GY, F XLN, SL FOSS, ONE PCE P PPT POR, PRED DNS, TR FO, PRED NS, V FT ODOR W/ CHT - GY / WHT

LS - TAN / BRN / GY, F XLN, TR FOSS, DNS, NS W/ CHT - GY / WHT W/ SCAT SH - GY, CALC IN PT

LS - SIM TO ABOVE, NS W/ SCAT CHT - GY / TAN

LS - TAN / CRM / BRN, F XLN, OOL IN PT, F OOM POR IN PT, NS W/ SCAT CHT - GY

LS - TAN / BRN, F / VF XLN, SL FOSS, DNS, NS W/ SCAT SH - GY W/ SLTST - GY / GRN

SLTST - AS ABOVE W/ LS - GY / TAN, MOT IN PT, AREN IN PT, PRED DNS, NS W/ SH - PRED GY

LS - CRM / TAN, PRED F XLN, SCAT M XLN, SCAT OOL & FOSS, PRED DNS, NS

LS - CRM / TAN / LT GY, MOT, F / M XLN, OOL, SL FOSS, F INTXLN & INTPART POR, P / F PPT & VUG POR, SL / F SFO & GB, F ODOR, PRED SAT / SCAT SPTY STN, G FLUOR & CUT W/ LS - CRM / TAN, F XLN, OOL IN PT, PRED DNS, SCAT P VUG & INTXLN POR, SSFO, SPTY STN

LS - CRM / TAN, F XLN, OOL IN PT, PRED DNS / SUBCHKY, PRED NS, FEW PCS P VUG & INTXLN POR, SSFO, SPTY STN (CAVINGS?), SCAT F / G OOM POR, NS (CAVINGS?) W/ SH - GY W/ TRIP TRASH

STARK SHALE 4173 (-1216)

Vis: 52, Wt: 9.0, LCM: 3.5#

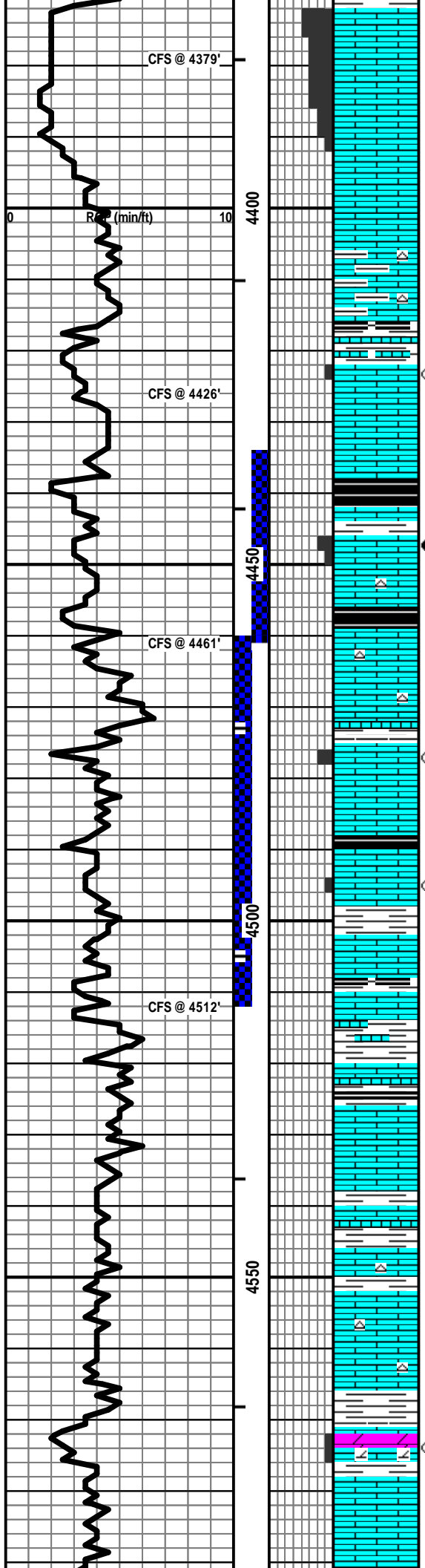
HUSHPUCKNEY 4222 (-1265)

BASE OF KC 4305 (-1348)

Vis: 47, Wt: 9.0, YP: 14
GelS: 15/47, pH: 9.5, WL: 9.6
Chl: 4,300, Sol: 4.8, LCM: 3#

MARMATON 4333 (-1376)

DST #2: 4340-4357
SEE DST HEADER FOR RESULTS



LS - CRM / TAN / WHT, F / SCAT M XLN, OOL, F / G VUG & OOM & INTXLN POR, V CHKY IN PT, SSGB IN PT, PRED NS, NO ODOR, DULL MIN FLUOR

LS - ASABOVE, ABNT CHK, MOD AMT F / G OOM & INTXLN POR, NS

LS - TAN / CRM, F XLN, OOL, SL FOSS, PRED DNS, NS

LS - DK GY / BRN, PRED MOT, F XLN, FOSS, ARGIL IN PT, DNS, NS W / SCAT CHT - LT / DK GY W / MOD AMT SH - DK GY / BLK

SH - DK GY / BLK, CARB IN PT W / LS - BRN / TAN, DNS / ARGIL, NS W / LS - CRM / WHT / TAN, F XLN, OOL & FOSS, SCAT P INTERPART & PPT POR, SSFO & GB, NO ODOR, SPTY STN, F / G FLUOR & CUT, FEW PCS BARR OOM POR

LS - TAN / BRN / SCAT CRM, MOT IN PT, F XLN, SL FOSS & OOL, SCAT SUBCHKY, PRED DNS, NS W / SH - BLK, CARB

LS - TAN / GY, F XLN, OOL IN PT, SL FOSS, P / F VUG & INTPART POR, SL / F SFO, SSGB, FT ODOR, SPTY / SCAT STN, G FLUOR & CUT

LS - TAN / CRM, F XLN, SL FOSS, PRED DNS, NS W / SCAT CHT - GY W / SH - BLK, CARB

LS - TAN / BRN / SCAT GY, MOT IN PT, F XLN, FOSS & OOL, PRED DNS, NS W / CHT - GY / TAN / WHT

LS - CRM / TAN, F XLN, SCAT M / C REXLN CALC, FOSS & OOL, SUBCHKY IN PT, P / SCAT F PPT & VUG POR, SL / F SFO, SSGB, FT ODOR, PRED SPTY / TR SAT STN, F / G FLUOR, G CUT

LS - BRN / GY / TAN, DNS, NS W / SH - BLK, CARB

LS - TAN / CRM, F XLN, OOL IN PT, SCAT PRED P INTOOL & INTXLN POR, TR F POR, SSFO, V FT ODOR, SCAT SPTY STN, F / G FLUOR & CUT W / SH - PRED GY

LS - TAN / GY, MOT IN PT, F / VF XLN, SL FOSS & OOL, PRED DNS, NS W / SCAT SH - DK GY / BLK, CARB IN PT

LS - TAN / BRN / GY, MOT IN PT, SCAT OOL & FOSS, PRED DNS NS W / SH - GY / BLK, CARB IN PT

LS - TAN / BRN, F XLN, OOL IN PT, SL FOSS, PRED DNS, NS W / SH - GY / BLK

LS - TAN / BRN / GY, MOT IN PT, F XLN, SL FOSS, PRED DNS, NS W / SH - PRED GY

LS - TAN / SCAT BRN, F XLN, SL FOSS, SUBCHKY IN PT, PRED DNS W / SCAT CHT - TAN GY W / SH - GY

LS - BRN / GY, F / VF XLN, PRED DNS, NS W / CHT - TAN / BRN

LS - ASABOVE W / SH - MRD / DK GY

DOLO & DOLO LS - CRM / LT GY, F XLN, PINTXLN POR, TR P PPT POR, SUBCHKY IN PT, SSFO, VSSGB, NO ODOR, SPTY / SAT STN, G FLU & CUT

LS - CRM / TAN / GY, MOT IN PT, F / VF XLN, SCAT CHKY, PRED DNS, NS

Vis: 54, Wt: 8.9, YP: 16
 GeIS: 16/53, pH: 10.0, WL: 9.0
 Chl: 4,400, Sol: 4.1, LCM: 2#

PAWNEE LS 4418 (-1461)

FT SCOTT 4442 (-1485)

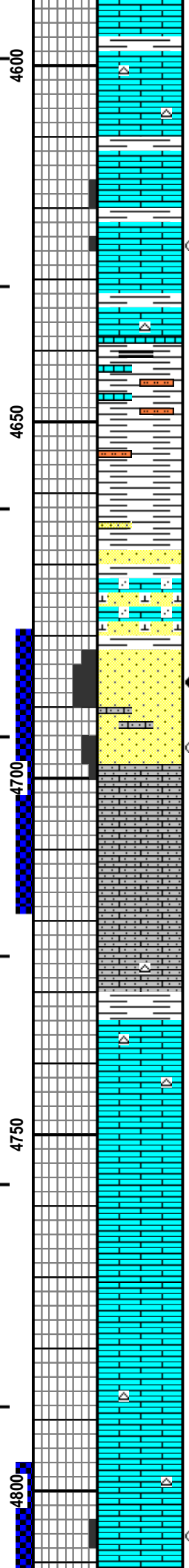
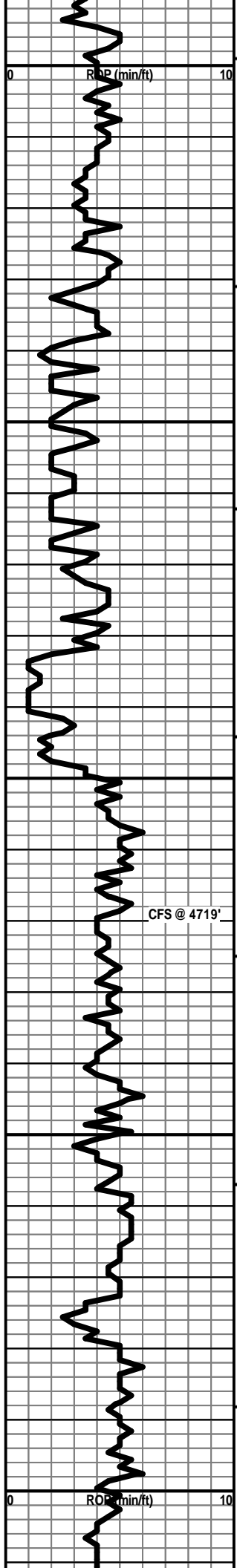
DST #3: 4434-4361
 SEE DST HEADER FOR RESULTS

CHEROKEE SH 4456 (-1499)

Vis: 48, Wt: 9.0, YP: 14
 GeIS: 13/43, pH: 11.0, WL: 9.2
 Chl: 5,700, Sol: 4.7, LCM: 2#

DST #4: 4460-4512
 SEE DST HEADER FOR RESULTS

Vis: 47, Wt: 9.1, YP: 14
 GeIS: 13/40, pH: 11.0, WL: 8.8
 Chl: 5,100, Sol: 5.4, LCM: 2#



LS - AS ABOVE W/LS - TAN / BRN, F XLN, SL FOSS, PRED DNS, NS W/SCAT CHT - TAN / GY

LS - TAN / BRN, AS ABOVE W/ CHT - AS ABOVE

LS - CRM / TAN, F XLN, FOSS, SCAT PRED P / TR F FOSSMOLD POR, TR OILY FILM & FO, PRED BARR, NO ODOR, TR SPTY STN

LS - GY / BRN / SCAT TAN, MOT IN PT, F XLN, TR PPT POR, SSFO, NO ODOR, TR SPTY STN

LS - MED / DK GY, F XLN, PRED DNS, NS W/ CHT - DK GY

SH - GY / SCAT BLK W/ SCAT AREN LS & CALC SLTST - GY / CRM / TAN

SH - GY W/ SCAT SLTST - GY / GRN W/ TR SS - GY / TAN, VF GR, V CALC, DNS, NS

ABNT SH - GY / GRN W/ SCAT SS - GY, VF / F GR, W SRTD, V CALC, LS FRAG, ABNT CHL & GLAUC, P / NO POR, NS

AREN LS / LMY SS - TAN / GY, MOT, F XLN, VF / F GR, SL FOSS, GLAUC & SCAT CHL, DNS, NS W/ SS - GY, VF / F GR, W / FW SRTD, CALC, GLAUC & CHL, P / NO POR, NS W/ SH - PRED GY

SS - CLR / LT GY, F GR, W SRTD, SA / R, SIL CEM, F / SCAT G INTGR POR, MOD FRI, PRED F / SCAT G SFO, SCAT SSFO / BARR, NO ODOR, PRED SAT STN, G FLUOR & CUT

SS - AS ABOVE W/ SCAT SS - CLR / WHT, F GR, W SRTD, SA / SR, CALC CEM, P / SCAT F INTGR POR, SCAT FRI, SL / G SFO, NO ODOR, SOME TITE & NS W/ LS - WHT / SCAT CRM, VF XLN, AREN, SCAT OOL, SUBCHKY / DNS, NS

LS - WHT / SCAT CRM, VF XLN, AREN, FNLY OOL, SUBCHKY / DNS, NS

LS - PRED WHT, VF XLN, AREN, FNLY OOL, SUBCHKY / DNS, NS W/ SCAT CHT - TAN / GY

SH - GY / GRN W/ LS - CRM / WHT, MOT, F XLN, OOL, PRED DNS, NS W/ CHT - TAN / GY / SCAT ORG

LS - CRM, F XLN, OOL, AREN IN PT, SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F XLN, OOL IN PT, AREN IN PT, PRED DNS, NS

LS - CRM / TAN, F XLN, SL OOL, AREN IN PT, SUBCHKY IN PT, PRED DNS, NS

LS - SIM TO ABOVE, SCAT CHY, PRED DNS, NS

LS - TAN / SCAT CRM, F XLN, TR OOL, PRED DNS, NS W/ CHT - LT GY / CLR

LS - CRM, F XLN, OOL, SCAT P / TR F INTOOL & PPT POR, SSFO, V FT ODOR, SCAT SPTY STN, F / G FLUOR & CUT, SCAT UNCONS OOL

Vis: 61, Wt: 9.0, LCM: 3#

MORROW SHALE 4639 (-1682)

CHESTER SAND 4682 (-1725)

DST #5: 4679-4719
SEE DST HEADER FOR RESULTS

MISS. ST GEN 4698 (-1741)

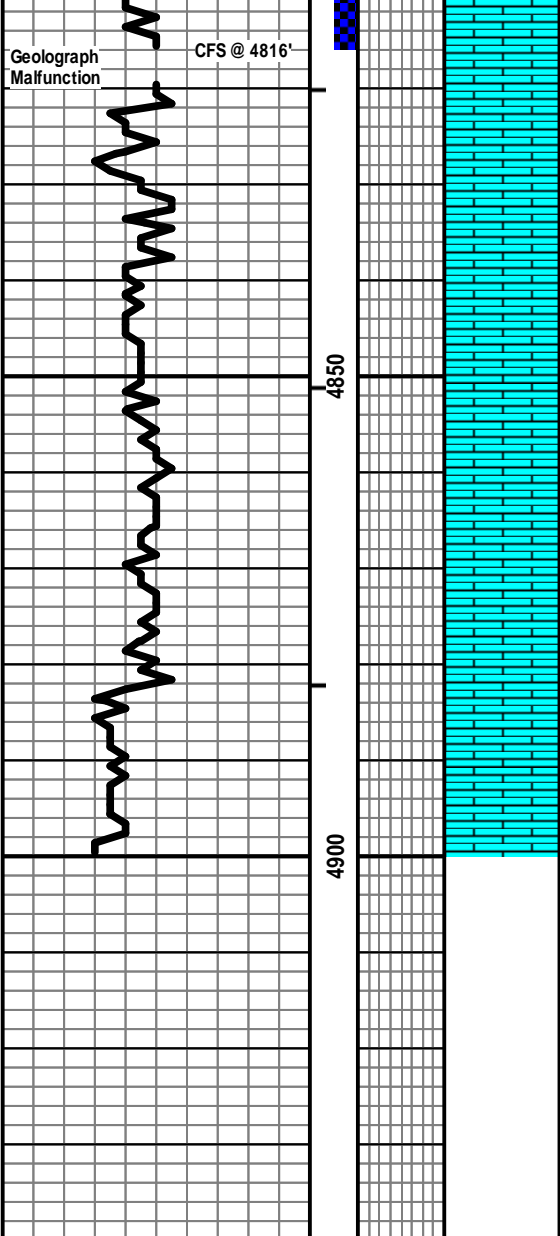
Vis: 50, Wt: 9.2, YP: 15
GelS: 16/47, pH: 10.5, WL: 8.4
Chl: 6,700, Sol: 6.0, LCM: 2#

MISS. ST LOUIS 4734 (-1777)

DST #6: 4796-4816
SEE DST HEADER FOR RESULTS

Geograph
Malfunction

CFS @ 4816'



LS - TAN / CRM, F XLN, SCAT OOL, PRED DNS, NS

LS - CRM / TAN, PRED F XLN, OOL IN PT, CHKY / SUBCHKY
IN PT, PRED DNS, NS

LS - ASABOVE, CHKY IN PT, PRED DNS, NS

LS - TAN / CRM, F XLN, SL FOSS, TR OOL, CHKY / SUBCHKY
IN PT, PRED DNS, NS

LS - TAN / CRM, F XLN, SL FOSS, SUBCHKY IN PT, PRED
DNS, NS

LS - TAN / BRN / CRM, VF / CRYPTO XLN, SCAT REXLN
CALC, CHKY IN PT, PRED DNS, NS

Vis: 48, Wt: 9.1, YP: 14
GelS: 14/43, pH: 10.0, WL: 9.2
Chi: 6,100, Sol: 5.4, LCM: 2#

Vis: 59, Wt: 9.0, LCM: 3#

TOTAL DEPTH 4900 (-1943)

SWIFT



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



Invoice

DATE	INVOICE #
6/18/2021	33829

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-2	Leonard	Finney	L-D Rig #1	Oil	Development	Cement Surface ...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				75	Miles	5.00	375.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	925.00	925.00
325	Standard Cement				165	Sacks	13.50	2,227.50T
279	Bentonite Gel				3	Sack(s)	30.00	90.00T
278	Calcium Chloride				5	Sack(s)	40.00	200.00T
290	D-Air				1	Gallon(s)	42.00	42.00T
581D	Service Charge Cement				165	Sacks	1.85	305.25
583D	Drayage				602.3	Ton Miles	0.95	572.19
	Subtotal							4,736.94
Customer Disc...	Customer Discount Per Ted						-10.00%	-473.69
	Subtotal							4,263.25
	Sales Tax Finney County						7.95%	183.13

We Appreciate Your Business!	Total	\$4,446.38
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CHARGE TO:

Single Creek

ADDRESS

CITY, STATE, ZIP CODE

TICKET

33829

PAGE 1 OF 1

SERVICE/ACCOMMODATIONS 1. <i>Remedy RS</i>	WELL/PROJECT NO. 1-2	LEASE LEONARD	COUNTY/PARISH Finney	STATE KS	CITY Garden City	DATE 18 Jun 21	OWNER
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VET	DELIVERED TO location	WELL PERMIT NO.	ORDER NO.	
WELL TYPE oil	WELL CATEGORY Development	JOB PURPOSE cement surface pipe	WELL LOCATION 2-21-34				
REFERRAL LOCATION INVOICE INSTRUCTIONS BID JOB							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM	UM	UM		
575		1			MILEAGE TRK	75	Mi		5.00	375.00
5765		1			Pump Charge	1	ea		925.00	925.00
325		1			Standard Cement	165	sk		13.50	2227.50
279		1			Restorative gel	2	%		30.00	90.00
278		1			Calcium Chloride	3	%		3.50	10.50
290		1			D-air	1	gal		42.00	42.00
581		1			sewer charge	165	sk		1.85	305.25
583		1			Drillage	16060	lb		602.37M	572.19

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.

SIGNED _____ TIME SIGNED _____

A.M. P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4836.89	4446.38
WE UNDERSTOOD AND MET YOUR NEEDS?				10 th Dist ^o 4136.04	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				-473.69	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				4263.25	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TAX Finney	183.13
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL _____

Thank You!

SWIFT Services, Inc.

DATE 18 Jun 21 PAGE NO. 1

WELL NO. 1-2		LEASE Leonard		JOB TYPE Cement surface pipe		TICKET NO. 33829		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								165 sk Standard cement 2% gel 3% CC 8 5/8" + 23# casing 6 joints 271'-TD
	1645							on loc TRK
	1740							start 8 5/8" + 23# casing in well
	1845							circulate well
	1856	4 1/4	43			200		mix STD 2% 3% cement @ 14.7 PPG <u>165 sk</u>
		5				200		Displace cement Cement to surface
	1915							Kickout - shot in 8 5/8" - plug down wash truck Back up job complete Planks Blaine, Austin, 1/2 BAAO

165 mixed
15-PPG



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



Invoice

DATE	INVOICE #
7/2/2021	33855

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

- Acidizing
- Cement
- Tool Rental

7/13/21
ENTERED

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-2	Leonard	Finney	LD	Oil	Development	5 1/2-two Stage L...	Gideon

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
408-5	5 1/2" D.V. Tool & Plug Set	1	Each	3,375.00	3,375.00T
402-5	5 1/2" Centralizer	9	Each	75.00	675.00T
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
417-5	5 1/2" D.V. Latch Down Plug & Baffle	1	Each	200.00	200.00T
325	Standard Cement	175	Sacks	13.50	2,362.50T
284	Calseal	8	Sack(s)	40.00	320.00T
283	Salt	900	Lb(s)	0.25	225.00T
292	Halad 322	100	Lb(s)	8.50	850.00T
276	Flocele	100	Lb(s)	3.00	300.00T
330	Swift Multi-Density Standard (MIDCON II)	235	Sacks	17.00	3,995.00T
281	Mud Flush	500	Gallon(s)	1.50	750.00T
221	Liquid KCL (Clayfix)	4	Gallon(s)	25.00	100.00T
290	D-Air	5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement	410	Sacks	1.85	758.50
583D	Drayage	1,670	Ton Miles	0.95	1,586.50
	Subtotal				18,882.50
Customer Disc...	Customer Discount Per Ted			-10.00%	-1,888.25
	Subtotal				16,994.25
	Sales Tax Finney County			7.95%	1,131.88

PAID
7/13/21
01054349

Vendor No. SWIFT Lease No. 05502

GL# 78550 Amt \$18,126.13

GL# _____ Amt _____

GL# _____ Amt _____

We Appreciate Your Business! **Total** \$18,126.13



Services, Inc.

CHARGE TO: Eagle Creek
ADDRESS

CITY, STATE, ZIP CODE

TICKET

33855

PAGE 1 OF 2

1. SERVICE LOCATIONS Ness City, KS	WELL/PROJECT NO. #1-2	LEASE Leonard	COUNTY/PARISH Finney	STATE KS	CITY	DATE 7-2-2001	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR LD	RIG NAME/NO.	SHIPPED VIA GT	DELIVERED TO LOCATION	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE Two-Stage	5 1/2"			WELL LOCATION Scott City, S. 1600	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS					8-641-S, E-WIND	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.		UNIT	AMOUNT	
						U/M	U/M			
576		1			MILEAGE Trk #112		80	Mi	5.00	400.00
579		1			Pump Charge - Two-Stage		1	job	1900.00	1900.00
408		1			DV Tool + Plug Set		1	EA	3375.00	3375.00
402		1			Centralizers		9	EA	75.00	675.00
403		1			CMT Baskets		2	EA	275.00	550.00
407		1			Insert Float Shoe w/ Auto Fill		1	EA	325.00	325.00
417		1			DV Latch down Plug + Baffle		1	EA	200.00	200.00

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: 7-2-2001
TIME SIGNED: 7:50
A.M. P.M.

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

SURVEY	AGREE	UNDECIDED	DISAGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	1	7425.00
Tota 1	2	11,457.50
Tax 8.5%		18,882.25
Emply		16,941.25
		1131.58
TOTAL		18,126.13

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL: *[Signature]*

Thank You!

SWIFT Services, Inc.

DATE	PAGE NO.
7-2-2021	1 of 2
TICKET NO. 33855	

CUSTOMER
Eagle Creek

WELL NO.
1-2

LEASE
Leonard

JOB TYPE
Two-Stage

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0015							ON LOCATION 5 1/2" 15.516/ft RTD: 4900' LTD: 4,900' TP: 4895' SJ: 42' Cent: 2, 5, 7, 8, 11, 13, 16, 65, 67 Baskets: 8, 66 DV: #66 2110
	0035							START 5 1/2" Csg in Well Drop Ball - Circulate
	0330							
	0430	6 1/2	12					Pump 500 gal Mud Flush
		6 1/2	20					Pump 20 bbl KCL spacer
	0440	2	7			75		Plug RH [30 sks]
	0445	3 1/2	35			180		Mix 145 sks of EA-2 @ 15.36 pp
	0500							Wash Pump + Lines Drop Latch down Plug
	0510	6 1/2	0			200		START Displacement
		6 1/2	65			200		Displace w/ Mud
		6 1/2	90			300		Lift Pressure
		6 1/2	114			800		MAX Lift Pressure
	0530	5 1/2	115.5			1800		Land Latch down Plug - Release Pressure * Hold * * Plug down 5:30 AM CST
	0535					900		Wash up Trk #112 Drop Bomb
	0550					900		Open DV Tool - Circulate

Continues

CUSTOMER Eagle Creek WELL NO. #1-2 LEASE LEONARD JOB TYPE TWO-STAGE TICKET NO. 33855

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								CONT.
	0605	6 1/2	20				200	Pump 20 bbl KCL Spacer
	0610	4	130					Mix 235 sks of SMD
	0645							Wash P+L Release Top Plug
	0650	6 1/2	0				200	START Displacement
		6 1/2	23				300	LIFT Pressure
		6 1/2	49				600	MAX LIFT Pressure
	0700	5 1/2	50				1800	LAND Top Plug - Close DV Tool - Release Pressure * Hold *
								* CMT Circulated to Surface ~ 35 sks to the Pit
								* Plug down @ 7:00 AM CST
	0710							Wash up Trk #112 Job Complete
								175 sks EA-2 used on Bottom Stage + Rathole DV Opened @ 900 PSI 235 sks of SMD used on Top Stage DV closed @ 1800 PSI
								Thanks Gideon, Kerby, Isaac