

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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DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.20 @ 00:23:00

End Date: 2022.06.20 @ 08:33:00

Job Ticket #: 68775 DST #: 1

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

Printed: 2022.06.28 @ 09:45:24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 68775

DST#: 1

ATTN: Tim Priest

Test Start: 2022.06.20 @ 00:23:00

GENERAL INFORMATION:

Formation: **Toronto & Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:24:45

Time Test Ended: 08:33:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Nathan Aneas

Unit No: 71

Interval: 4209.00 ft (KB) To 4280.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 226.84 psig @ 4210.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.20

End Date:

2022.06.20

Last Calib.:

2022.06.20

Start Time: 00:23:01

End Time:

08:33:00

Time On Btm:

2022.06.20 @ 03:24:00

Time Off Btm:

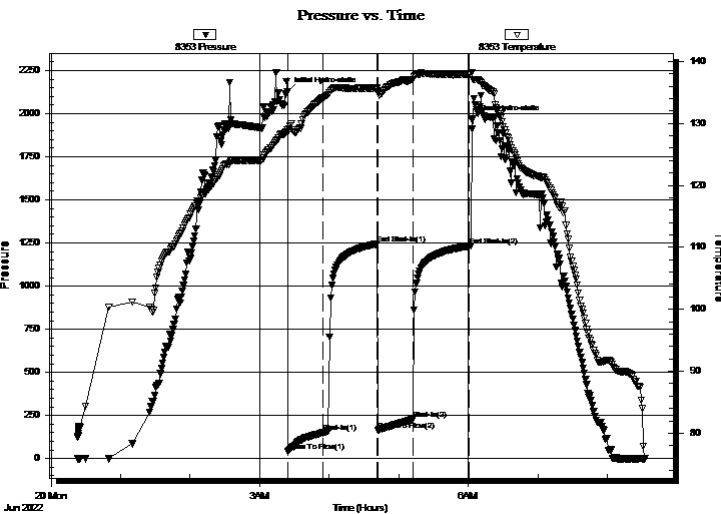
2022.06.20 @ 06:03:00

TEST COMMENT: 30:IF- Fair surface blow , built to 5 1/4 inch in 10 min, BOB in 25 min, final blow is 11 inches

45:IS- No blow back

30:FF- Weak surface blow in 3 min, built to 2 1/2 inches in 10 min, final blow is 7 inches

45:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.51	129.01	Initial Hydro-static
1	42.59	128.65	Open To Flow (1)
31	150.15	134.11	Shut-In(1)
78	1244.55	135.71	End Shut-In(1)
79	165.30	135.07	Open To Flow (2)
108	226.84	137.08	Shut-In(2)
158	1232.72	137.92	End Shut-In(2)
159	1968.33	138.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	VSMW 95%W 5%M	0.88
189.00	W 100%W	2.65

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chizum Oil LLC
346 S Lulu St
Wichita, KS 67211
ATTN: Tim Priest

26-7-37W Sherman, KS
LHR #2-26
Job Ticket: 68775 **DST#: 1**
Test Start: 2022.06.20 @ 00:23:00

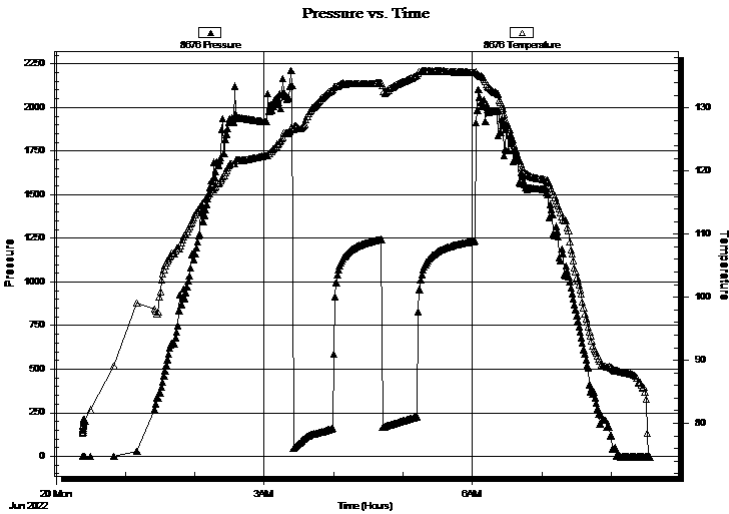
GENERAL INFORMATION:

Formation: **Toronto & Lansing A**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 03:24:45 Tester: Nathan Aneas
Time Test Ended: 08:33:00 Unit No: 71
Interval: **4209.00 ft (KB) To 4280.00 ft (KB) (TVD)** Reference Elevations: 3442.00 ft (KB)
Total Depth: 4280.00 ft (KB) (TVD) 3437.00 ft (CF)
Hole Diameter: 7.87 inchesHole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8676 Outside

Press@RunDepth: psig @ 4210.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.06.20 End Date: 2022.06.20 Last Calib.: 2022.06.20
Start Time: 00:23:01 End Time: 08:33:15 Time On Btm:
Time Off Btm:

TEST COMMENT: 30:IF- Fair surface blow , built to 5 1/4 inch in 10 min, BOB in 25 min, final blow is 11 inches
45:IS- No blow back
30:FF- Weak surface blow in 3 min, built to 2 1/2 inches in 10 min, final blow is 7 inches
45:FS- No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
178.00	VSMW 95%W 5%M	0.88
189.00	W 100%W	2.65

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 68775

DST#: 1

ATTN: Tim Priest

Test Start: 2022.06.20 @ 00:23:00

Tool Information

Drill Pipe:	Length: 4002.00 ft	Diameter: 3.80 inches	Volume: 56.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 98000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 96000.00 lb
Depth to Top Packer:	4209.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	103.00 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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Shut In Tool	5.00			4182.00	
Hydraulic tool	5.00			4187.00	
Jars	5.00			4192.00	
EM Tool	4.00			4196.00	
Safety Joint	3.00			4199.00	
Packer	5.00			4204.00	32.00 Bottom Of Top Packer
Packer	5.00			4209.00	
Stubb	1.00			4210.00	
Recorder	0.00	8353	Inside	4210.00	
Recorder	0.00	8676	Outside	4210.00	
Change Over Sub	1.00			4211.00	
Blank Spacing	31.00			4242.00	
Change Over Sub	1.00			4243.00	
Perforations	34.00			4277.00	
Bullnose	3.00			4280.00	71.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 68775

DST#: 1

ATTN: Tim Priest

Test Start: 2022.06.20 @ 00:23:00

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:

50000 ppm

Viscosity: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.17 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
178.00	VSMW 95%W 5%M	0.875
189.00	W 100%W	2.651

Total Length: 367.00 ft

Total Volume: 3.526 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

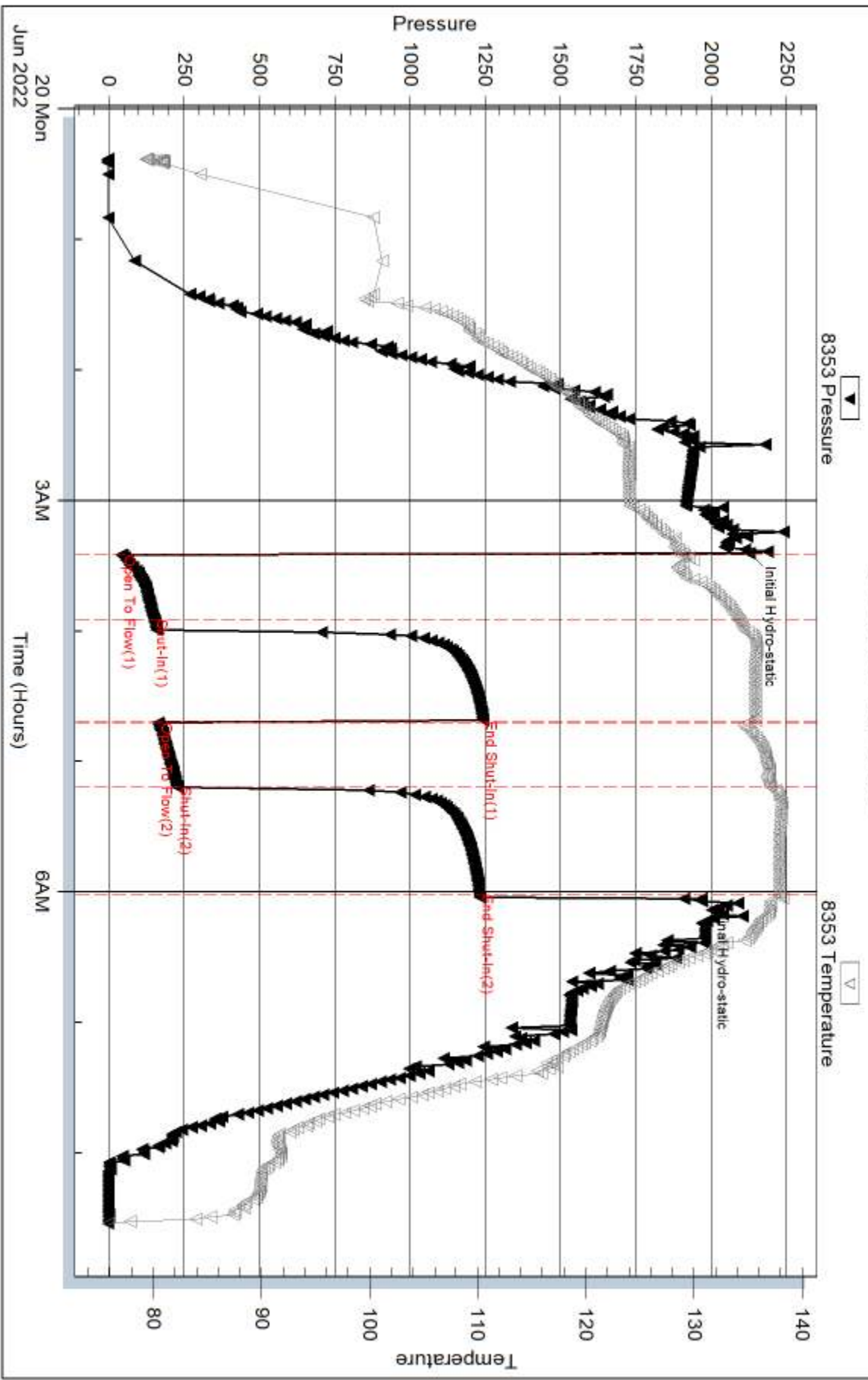
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

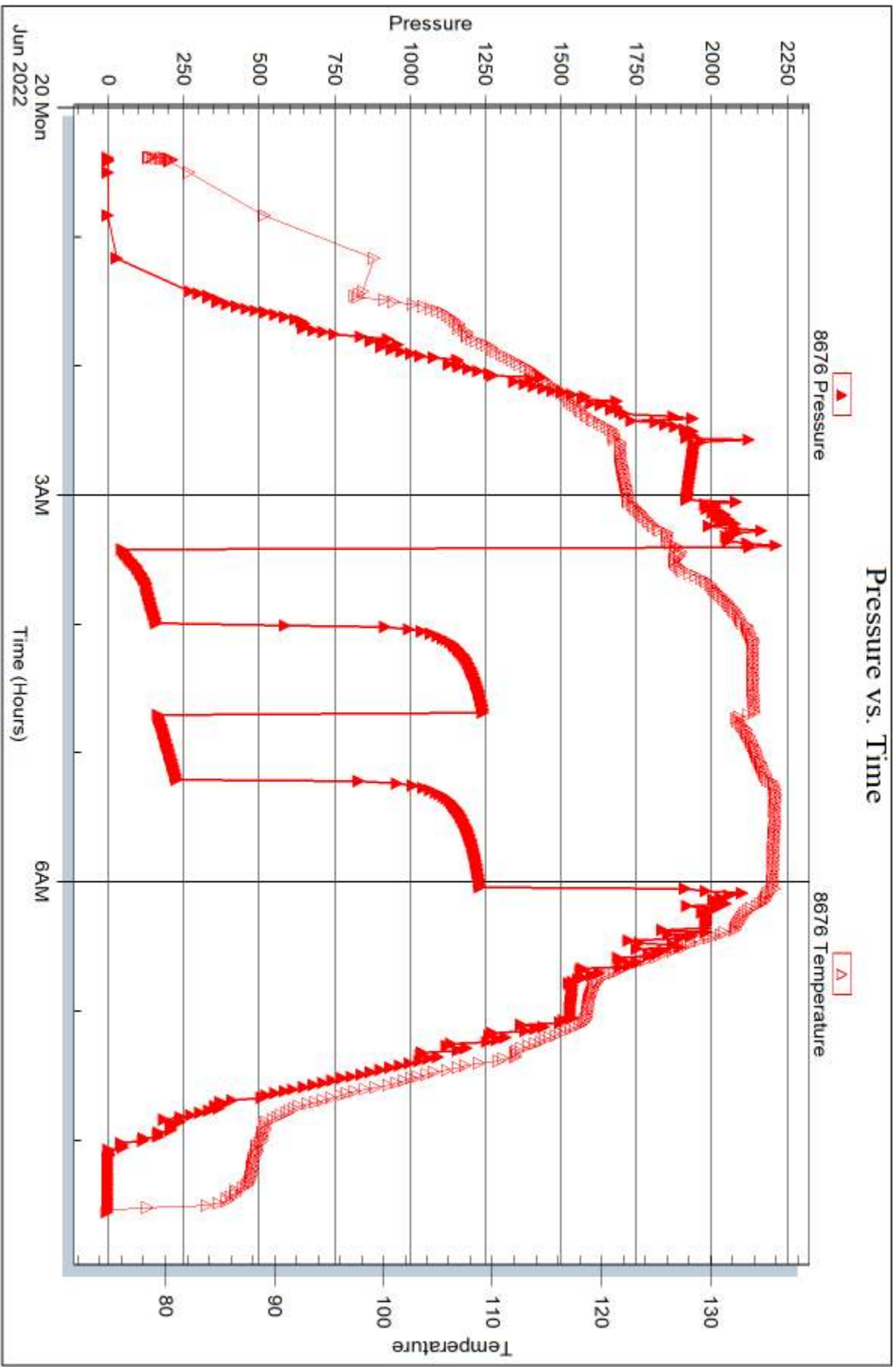


Serial #: 8676

Outside Chizum Oil LLC

LHR #2-26

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 68775

Printed: 2022.06.28 @ 09:45:26



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.20 @ 19:45:00

End Date: 2022.06.21 @ 03:09:30

Job Ticket #: 67255 DST #: 2

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

Printed: 2022.06.28 @ 09:44:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67255

DST#: 2

ATTN: Tim Priest

Test Start: 2022.06.20 @ 19:45:00

GENERAL INFORMATION:

Formation: **Lansing B-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:20:30

Time Test Ended: 03:09:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4275.00 ft (KB) To 4360.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4360.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 277.87 psig @ 4276.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.20

End Date:

2022.06.21

Last Calib.:

2022.06.21

Start Time: 19:45:01

End Time:

03:09:30

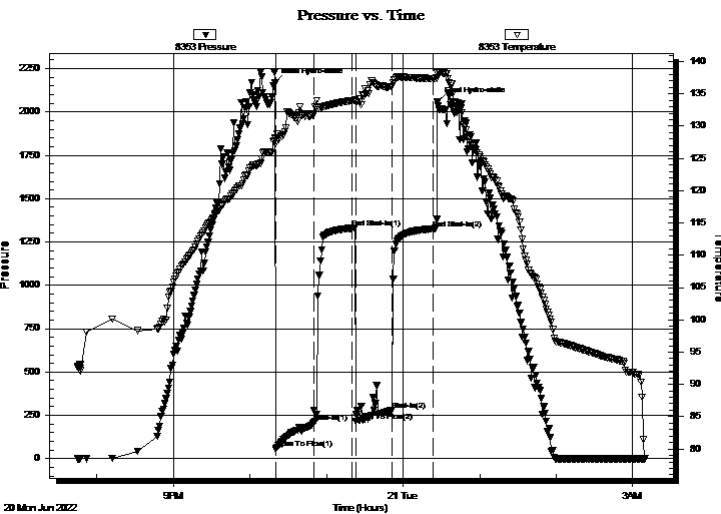
Time On Btm:

2022.06.20 @ 22:19:45

Time Off Btm:

2022.06.21 @ 00:27:00

TEST COMMENT: 30:IF- Fair surface blow , built to 7 inches in 10 min, BOB in 17 min, final blow is inches
30:IS- No blow back
30:FF- Weak surface blow , built to 4 inches in 10 min, BOB in 20 min, final blow is 11 1/2 inches
30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.66	128.14	Initial Hydro-static
1	58.66	128.03	Open To Flow (1)
31	211.09	131.78	Shut-In(1)
61	1330.05	133.96	End Shut-In(1)
63	216.61	133.81	Open To Flow (2)
92	277.87	136.13	Shut-In(2)
124	1326.45	137.40	End Shut-In(2)
128	2059.80	138.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MW 70%W 30%M	0.88
252.00	WM 60%M 40%W	3.53

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67255

DST#: 2

ATTN: Tim Priest

Test Start: 2022.06.20 @ 19:45:00

Tool Information

Drill Pipe:	Length: 4095.00 ft	Diameter: 3.80 inches	Volume: 57.44 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	104000.0 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	100000.0 lb
Depth to Top Packer:	4275.00 ft			Final	102000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	85.00 ft				
Tool Length:	117.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4248.00	
Hydraulic tool	5.00			4253.00	
Jars	5.00			4258.00	
EM Tool	4.00			4262.00	
Safety Joint	3.00			4265.00	
Packer	5.00			4270.00	32.00 Bottom Of Top Packer
Packer	5.00			4275.00	
Stubb	1.00			4276.00	
Recorder	0.00	8353	Inside	4276.00	
Recorder	0.00	8676	Outside	4276.00	
Change Over Sub	1.00			4277.00	
Blank Spacing	63.00			4340.00	
Change Over Sub	1.00			4341.00	
Perforations	16.00			4357.00	
Bullnose	3.00			4360.00	85.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67255

DST#: 2

ATTN: Tim Priest

Test Start: 2022.06.20 @ 19:45:00

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: 35000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.20 ohm.m

Gas Cushion Pressure: psig

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	MW 70%W 30%M	0.875
252.00	WM 60%M 40%W	3.535

Total Length: 430.00 ft Total Volume: 4.410 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

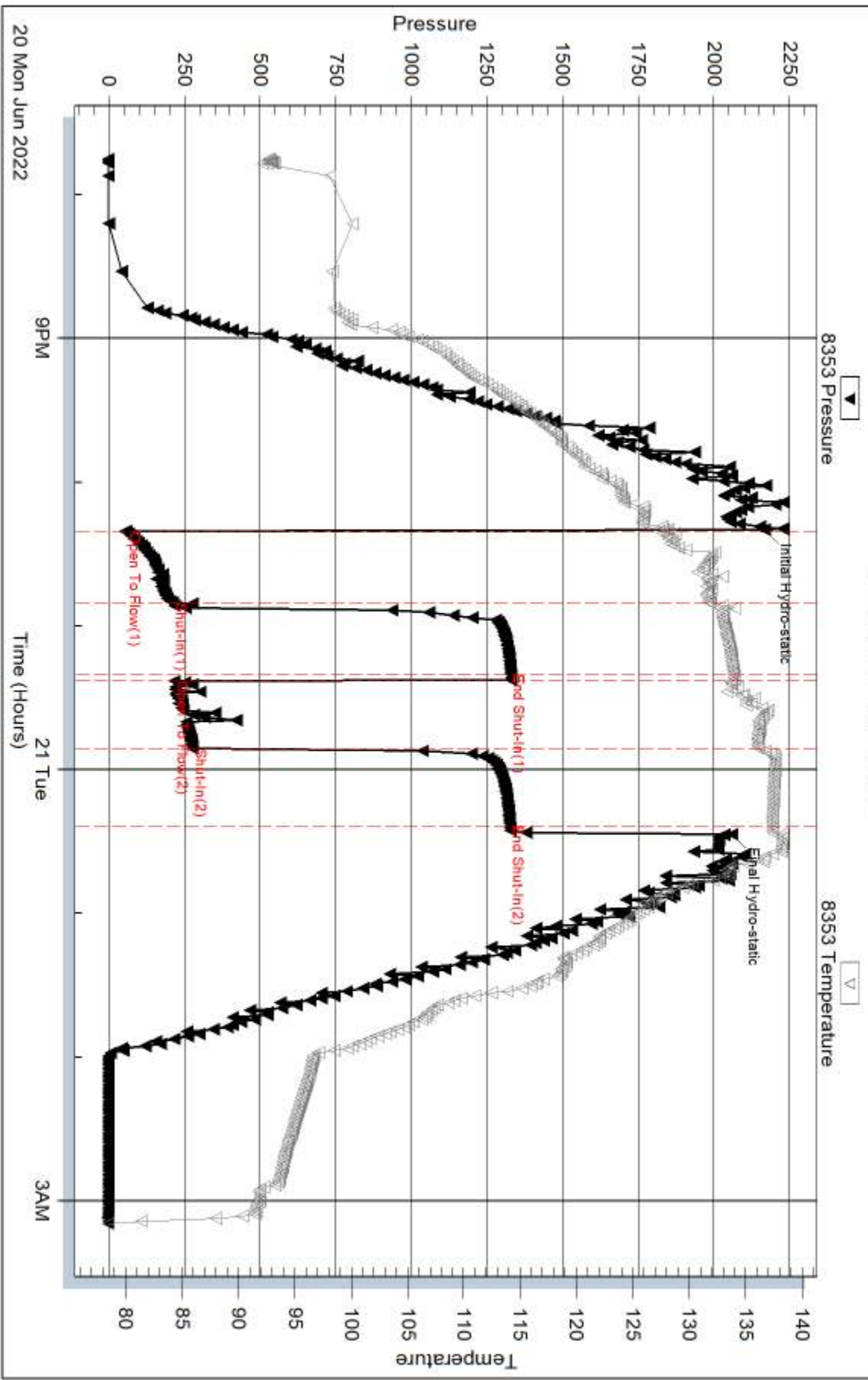
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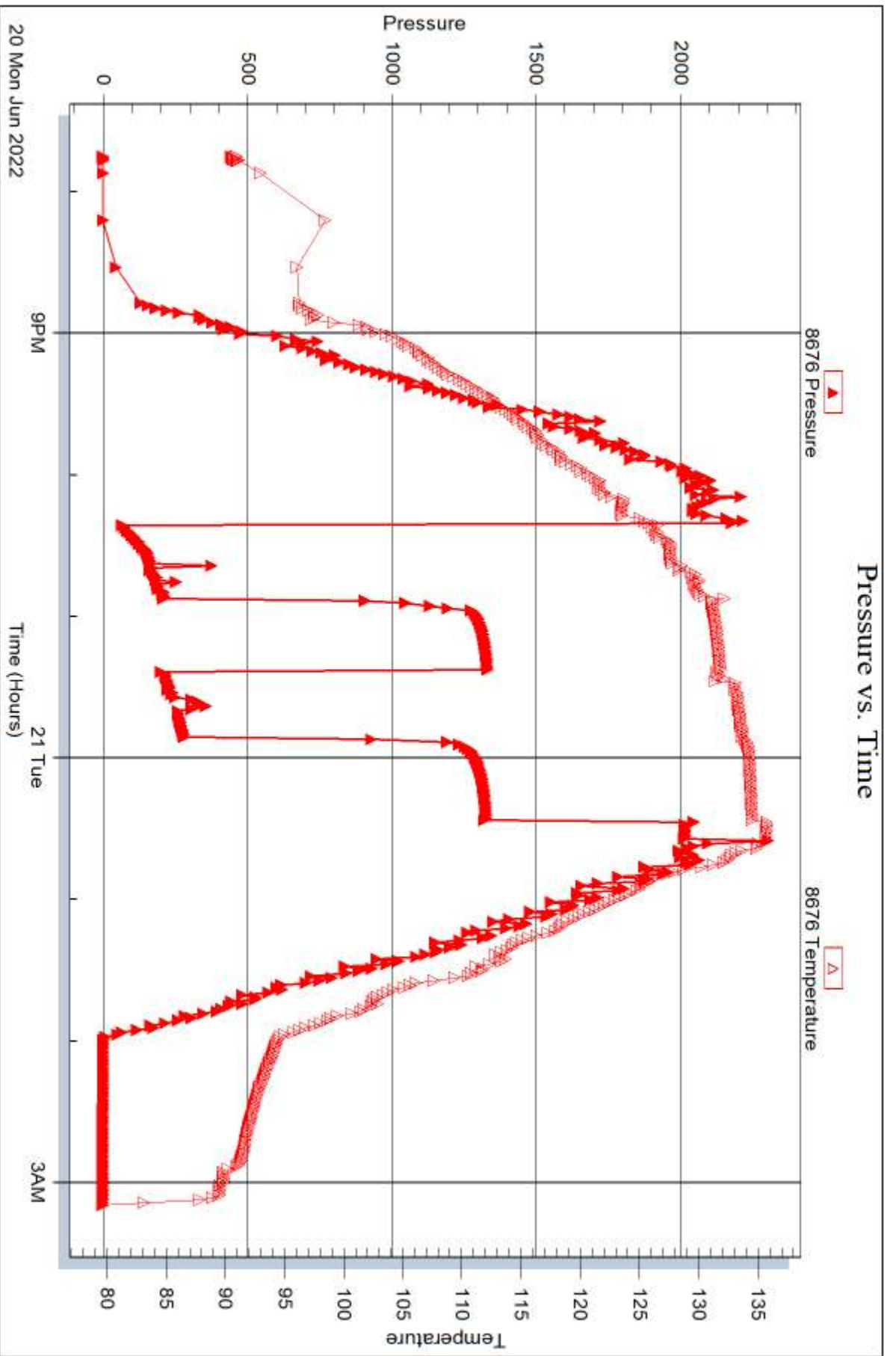
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.21 @ 19:45:00

End Date: 2022.06.22 @ 02:57:00

Job Ticket #: 67256 DST #: 3

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

Printed: 2022.06.28 @ 09:44:35



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

ATTN: Tim Priest

Job Ticket: 67256

DST#: 3

Test Start: 2022.06.21 @ 19:45:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:15

Time Test Ended: 02:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4385.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 472.79 psig @ 4386.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.21

End Date:

2022.06.22

Last Calib.:

2022.06.22

Start Time: 19:45:01

End Time:

02:57:00

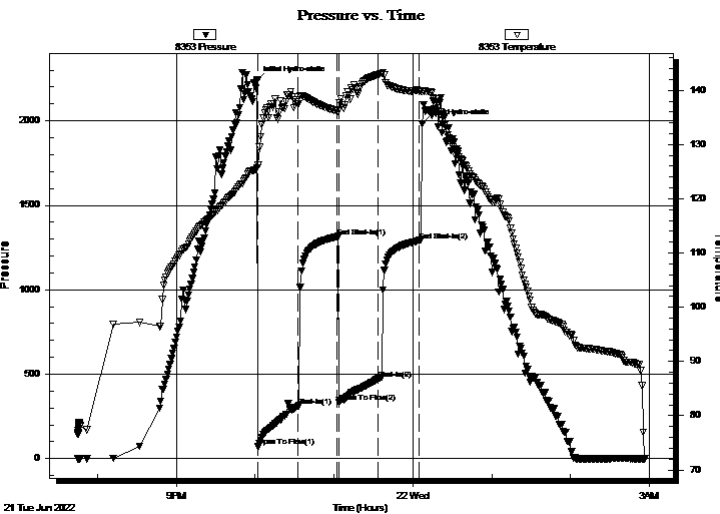
Time On Btm:

2022.06.21 @ 22:01:30

Time Off Btm:

2022.06.22 @ 00:07:15

TEST COMMENT: 30:IF- Fair surface blow , built to BOB in 6 min, final blow is 30 3/4 inches
30:IS- No blow back
30:FF- Fair surface blow , built to BOB in 9 min, final blow is 24 1/4 inches
30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.90	125.67	Initial Hydro-static
1	70.63	126.22	Open To Flow (1)
31	310.73	137.49	Shut-In(1)
61	1313.63	136.23	End Shut-In(1)
63	335.03	136.32	Open To Flow (2)
93	472.79	142.93	Shut-In(2)
124	1291.33	139.89	End Shut-In(2)
126	1982.63	139.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MW 95%W 5%M	0.88
787.00	MW 80%W 20%M (Few spots of oil)	11.04

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman, KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67256

DST#: 3

ATTN: Tim Priest

Test Start: 2022.06.21 @ 19:45:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:15

Time Test Ended: 02:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4385.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8676

Outside

Press@RunDepth: psig @ 4386.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.21

End Date:

2022.06.22

Last Calib.:

2022.06.22

Start Time: 19:45:01

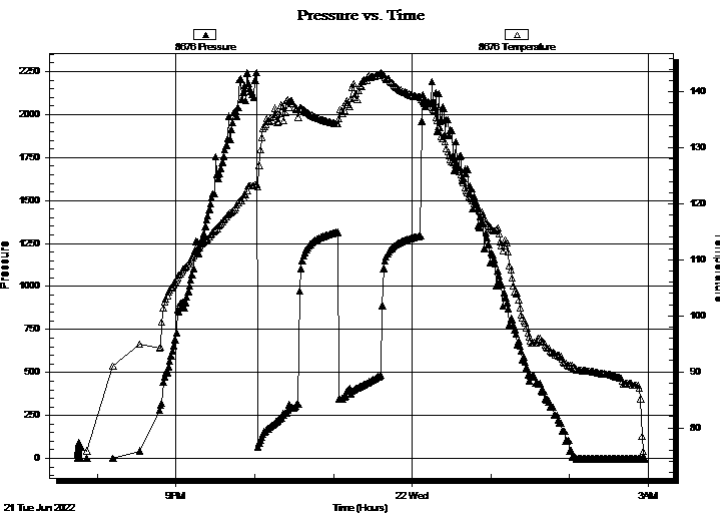
End Time:

02:57:15

Time On Btm:

Time Off Btm:

TEST COMMENT: 30:IF- Fair surface blow , built to BOB in 6 min, final blow is 30 3/4 inches
30:IS- No blow back
30:FF- Fair surface blow , built to BOB in 9 min, final blow is 24 1/4 inches
30:FS- No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MW 95%W 5%M	0.88
787.00	MW 80%W 20%M (Few spots of oil)	11.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67256

DST#: 3

ATTN: Tim Priest

Test Start: 2022.06.21 @ 19:45:00

Tool Information

Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 104000.0 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	4385.00 ft			Final 102000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
EM Tool	4.00			4372.00	
Safety Joint	3.00			4375.00	
Packer	5.00			4380.00	32.00 Bottom Of Top Packer
Packer	5.00			4385.00	
Stubb	1.00			4386.00	
Recorder	0.00	8353	Inside	4386.00	
Recorder	0.00	8676	Outside	4386.00	
Change Over Sub	1.00			4387.00	
Blank Spacing	63.00			4450.00	
Change Over Sub	1.00			4451.00	
Perforations	16.00			4467.00	
Bullnose	3.00			4470.00	85.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67256

DST#: 3

ATTN: Tim Priest

Test Start: 2022.06.21 @ 19:45:00

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:

32000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.27 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
178.00	MW 95%W 5%M	0.875
787.00	MW 80%W 20%M (Few spots of oil)	11.040

Total Length: 965.00 ft

Total Volume: 11.915 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

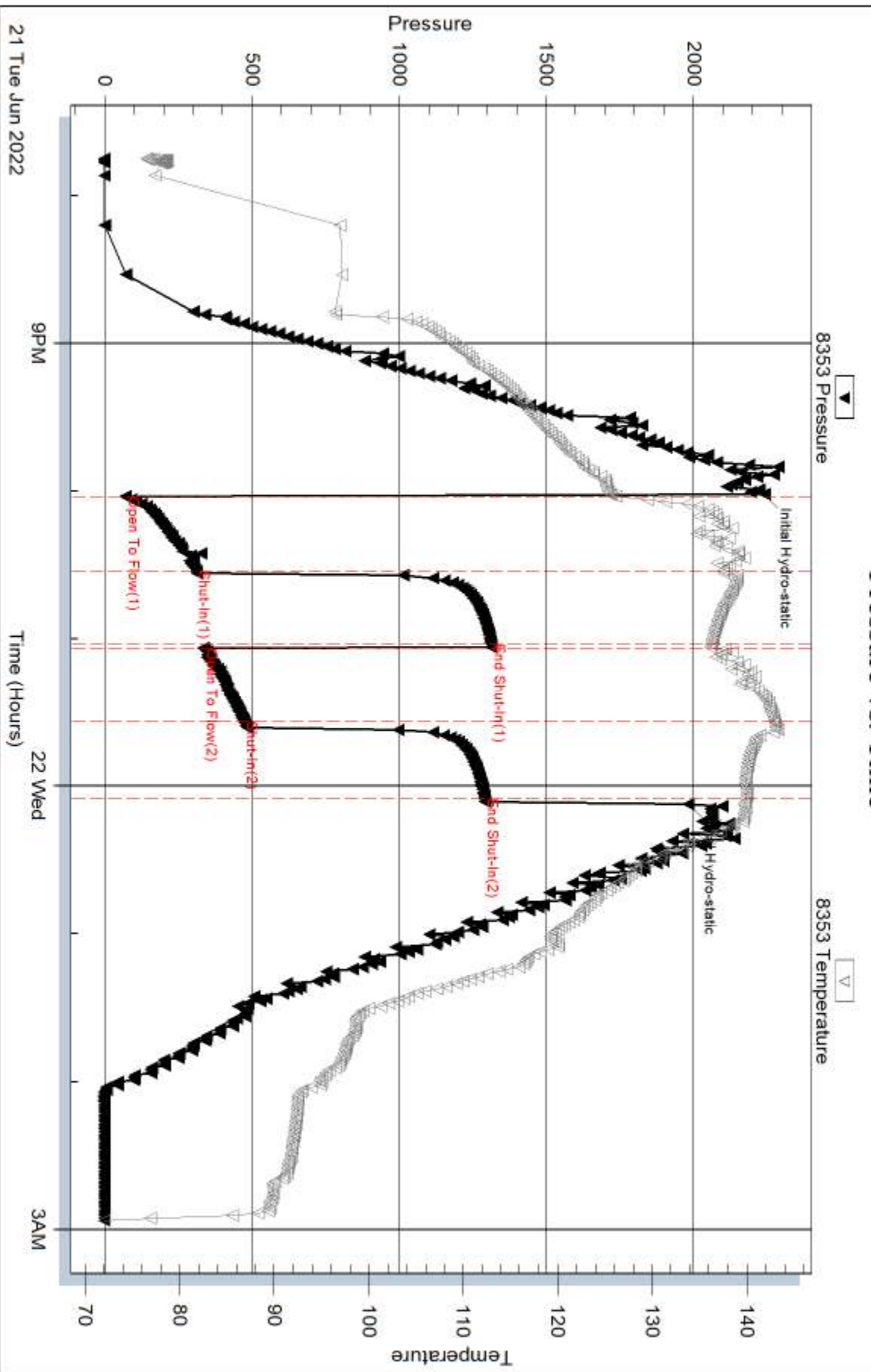
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

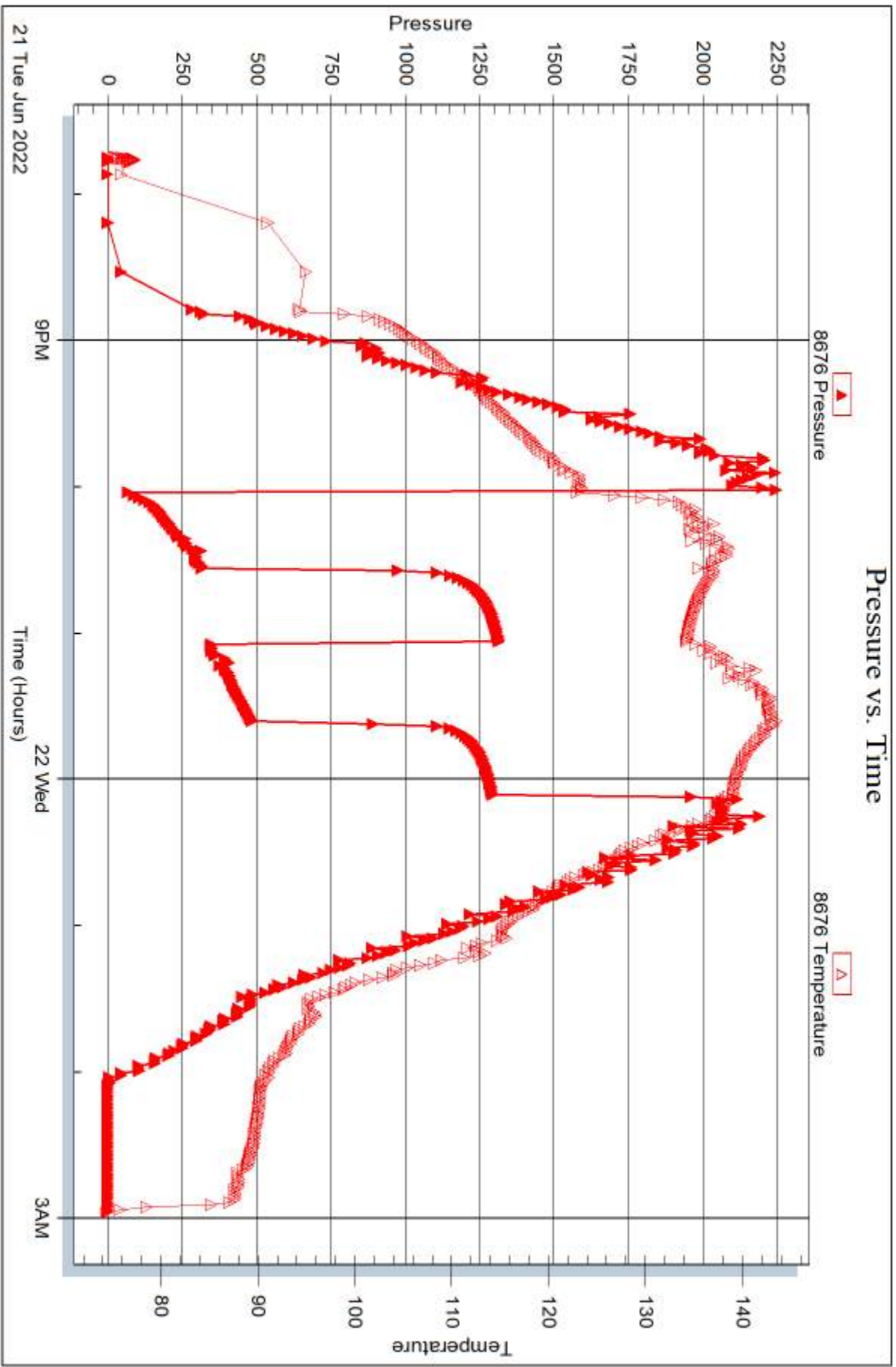


Serial #: 8676

Outside Chizum Oil LLC

LHR #2-26

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 67256

Printed: 2022.06.28 @ 09:44:35



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.22 @ 13:35:00

End Date: 2022.06.22 @ 20:08:45

Job Ticket #: 67257 DST #: 4

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

Printed: 2022.06.28 @ 09:44:08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

ATTN: Tim Priest

Job Ticket: 67257

DST#: 4

Test Start: 2022.06.22 @ 13:35:00

GENERAL INFORMATION:

Formation: **LKC L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:37:45

Time Test Ended: 20:08:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4505.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 31.35 psig @ 4506.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.22

End Date:

2022.06.22

Last Calib.:

2022.06.22

Start Time: 13:35:01

End Time:

20:08:45

Time On Btm:

2022.06.22 @ 15:37:00

Time Off Btm:

2022.06.22 @ 17:44:45

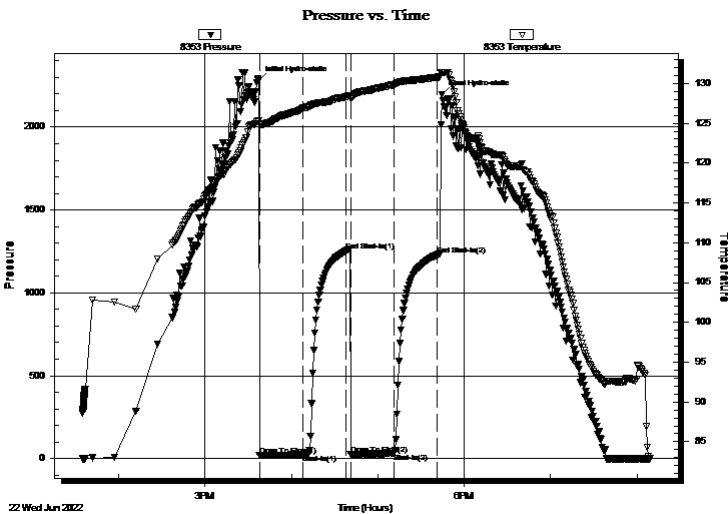
TEST COMMENT: 30:IF- Weak surface blow , built to 1/4 inch in 10 min, final blow is 1/2 inch

30:IS- No blow back

30:FF- No blow

30:FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.48	125.29	Initial Hydro-static
1	18.38	124.95	Open To Flow (1)
31	23.35	126.88	Shut-In(1)
61	1252.71	128.30	End Shut-In(1)
65	26.87	128.13	Open To Flow (2)
94	31.35	129.80	Shut-In(2)
125	1229.77	130.78	End Shut-In(2)
128	2194.82	131.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	WM 50%M 50%W	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67257

DST#: 4

ATTN: Tim Priest

Test Start: 2022.06.22 @ 13:35:00

Tool Information

Drill Pipe:	Length: 4318.00 ft	Diameter: 3.80 inches	Volume: 60.57 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	104000.0 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	102000.0 lb
Depth to Top Packer:	4505.00 ft			Final	102000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	62.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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

Shut In Tool	5.00			4478.00	
Hydraulic tool	5.00			4483.00	
Jars	5.00			4488.00	
EM Tool	4.00			4492.00	
Safety Joint	3.00			4495.00	
Packer	5.00			4500.00	32.00 Bottom Of Top Packer
Packer	5.00			4505.00	
Stubb	1.00			4506.00	
Recorder	0.00	8353	Inside	4506.00	
Recorder	0.00	8676	Outside	4506.00	
Perforations	26.00			4532.00	
Bullnose	3.00			4535.00	30.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67257

DST#: 4

ATTN: Tim Priest

Test Start: 2022.06.22 @ 13:35:00

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:

17000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.38 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	WM 50%M 50%W	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

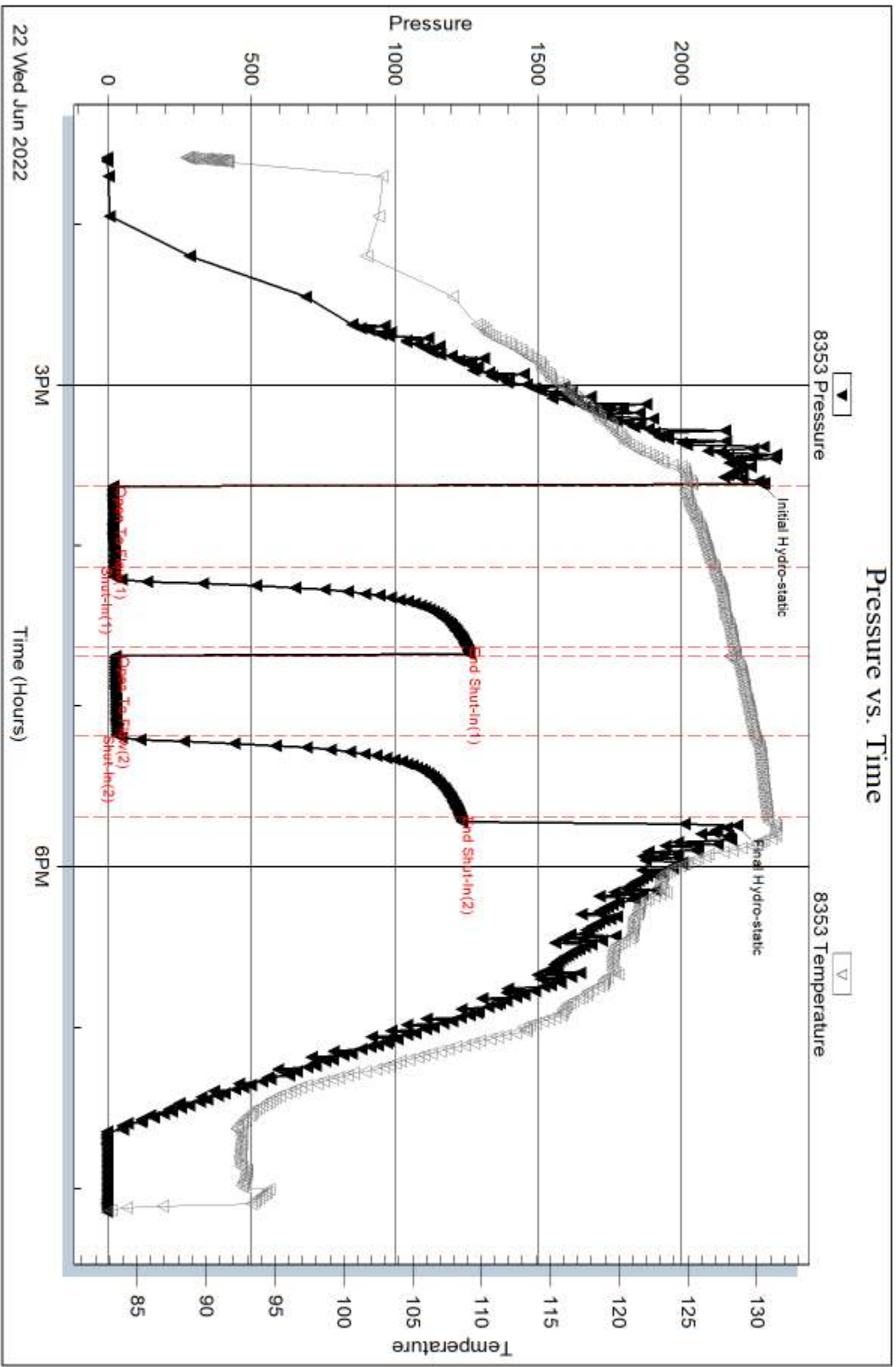
Num Gas Bombs: 0

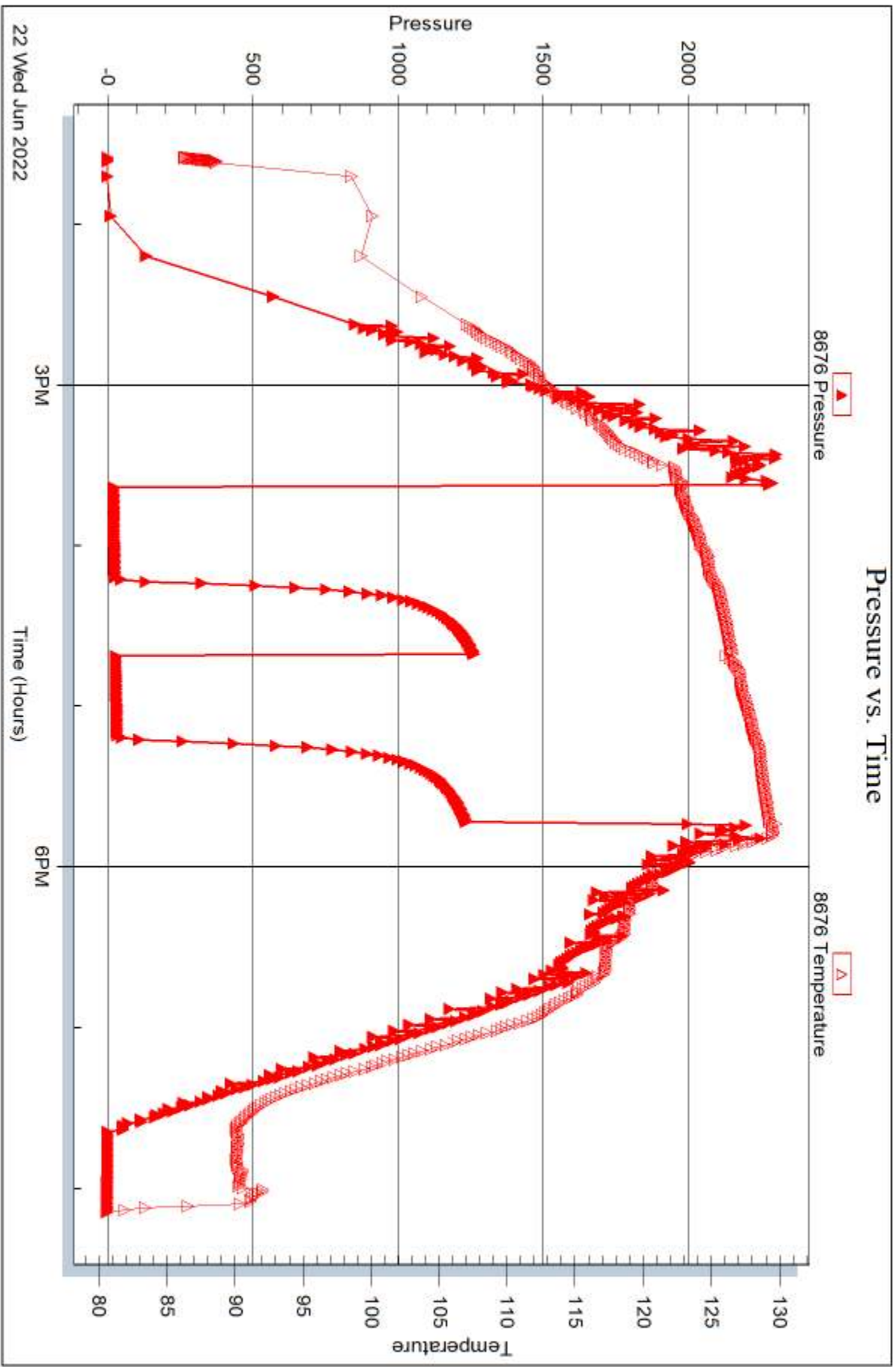
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.23 @ 10:15:00

End Date: 2022.06.23 @ 19:22:45

Job Ticket #: 67258 DST #: 5

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

Printed: 2022.06.28 @ 09:43:43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67258

DST#: 5

ATTN: Tim Priest

Test Start: 2022.06.23 @ 10:15:00

GENERAL INFORMATION:

Formation: **Marmaton B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:45

Time Test Ended: 19:22:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4587.00 ft (KB) To 4640.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4640.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 354.89 psig @ 4588.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.23

End Date:

2022.06.23

Last Calib.:

2022.06.23

Start Time: 10:15:01

End Time:

19:22:45

Time On Btm:

2022.06.23 @ 12:39:00

Time Off Btm:

2022.06.23 @ 15:59:00

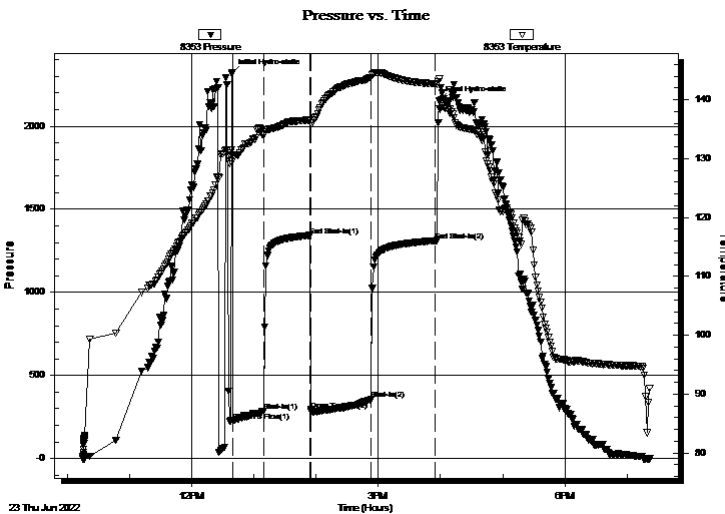
TEST COMMENT: 30:IF- Fair surface blow , built to 3 1/4 inch in 10 min, final blow is 8 inches

45:IS- No blow back

60:FF- Weak surface blow , built to 3 1/2 inches in 10 min, BOB in 23 min, final blow is 20 inches

60:FS- Weak surface blow in 5 min, final blow is 1/4 inch

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.79	131.55	Initial Hydro-static
1	227.28	130.66	Open To Flow (1)
31	284.31	134.02	Shut-In(1)
75	1342.77	136.53	End Shut-In(1)
76	293.46	136.03	Open To Flow (2)
134	354.89	143.75	Shut-In(2)
196	1311.13	142.67	End Shut-In(2)
200	2151.91	143.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MGO 70%O 15%G 15%M	0.88
567.00	SMGO 60%O 30%G 10%M	7.95

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67258

DST#: 5

ATTN: Tim Priest

Test Start: 2022.06.23 @ 10:15:00

Tool Information

Drill Pipe:	Length: 4410.00 ft	Diameter: 3.80 inches	Volume: 61.86 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: - bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	104000.0 lb
Depth to Top Packer:	4587.00 ft			Final	106000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	53.00 ft				
Tool Length:	85.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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

Shut In Tool	5.00			4560.00	
Hydraulic tool	5.00			4565.00	
Jars	5.00			4570.00	
EM Tool	4.00			4574.00	
Safety Joint	3.00			4577.00	
Packer	5.00			4582.00	32.00 Bottom Of Top Packer
Packer	5.00			4587.00	
Stubb	1.00			4588.00	
Recorder	0.00	8353	Inside	4588.00	
Recorder	0.00	8676	Outside	4588.00	
Change Over Sub	1.00			4589.00	
Blank Spacing	31.00			4620.00	
Change Over Sub	1.00			4621.00	
Perforations	16.00			4637.00	
Bullnose	3.00			4640.00	53.00 Bottom Packers & Anchor

Total Tool Length: 85.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67258

DST#: 5

ATTN: Tim Priest

Test Start: 2022.06.23 @ 10:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	MGO 70%O 15%G 15%M	0.875
567.00	SMGO 60%O 30%G 10%M	7.954

Total Length: 745.00 ft

Total Volume: 8.829 bbl

Num Fluid Samples: 0

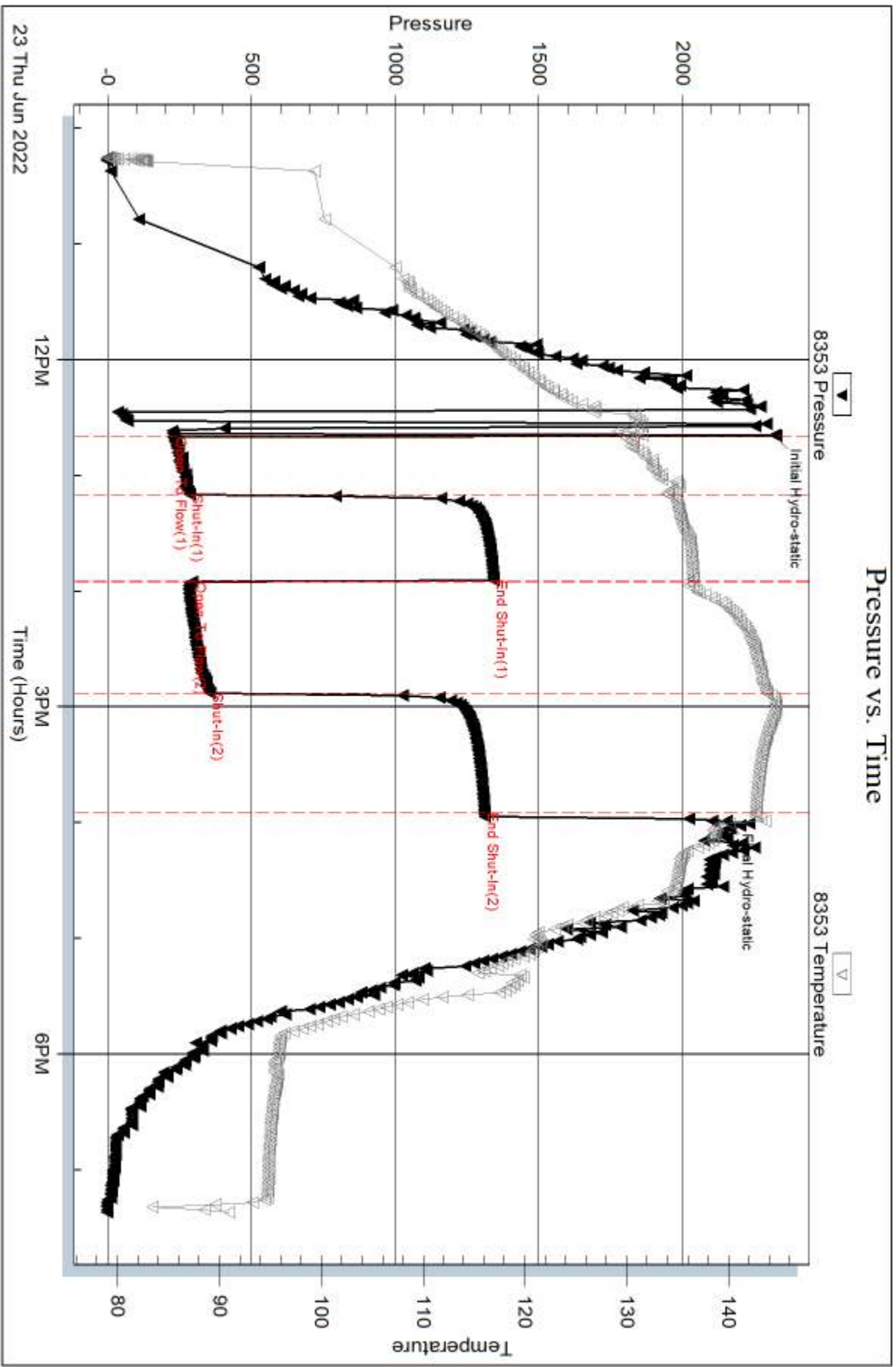
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

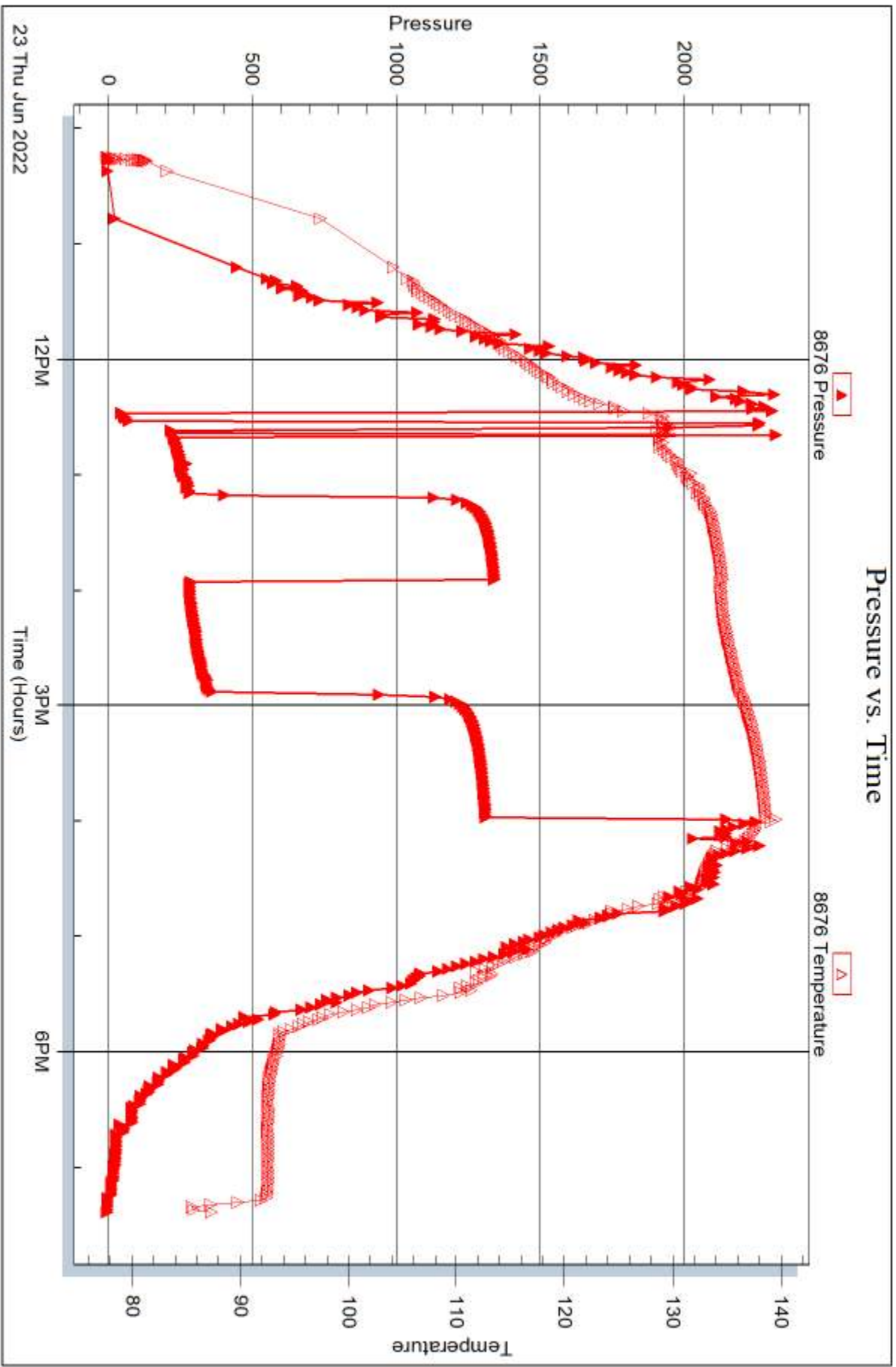


Serial #: 8676

Outside Chizum Oil LLC

LHR #2-26

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 67258

Printed: 2022.06.28 @ 09:43:44



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

LHR #2-26

26-7-37W Sherman,KS

Start Date: 2022.06.24 @ 06:05:00

End Date: 2022.06.24 @ 14:21:00

Job Ticket #: 67259 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.06.28 @ 09:43:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67259

DST#: 6

ATTN: Tim Priest

Test Start: 2022.06.24 @ 06:05:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:03:15

Time Test Ended: 14:21:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 4637.00 ft (KB) To 4680.00 ft (KB) (TVD)

Reference Elevations: 3442.00 ft (KB)

Total Depth: 4680.00 ft (KB) (TVD)

3437.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353 Inside

Press@RunDepth: 53.23 psig @ 4638.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.24

End Date:

2022.06.24

Last Calib.:

2022.06.24

Start Time: 06:05:01

End Time:

14:21:00

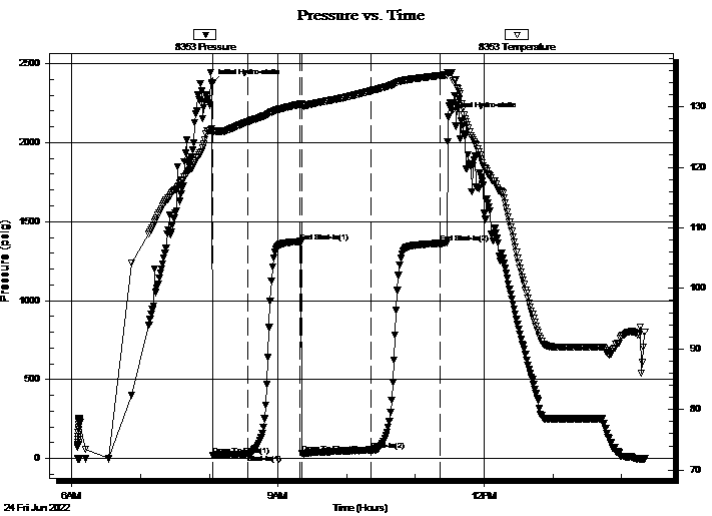
Time On Btm:

2022.06.24 @ 08:02:30

Time Off Btm:

2022.06.24 @ 11:29:00

TEST COMMENT: 30:IF- Weak surface blow , built to 2 3/4 inch in 10 min, final blow is 7 1/4 inch
 45:IS- Weak surface blow , died out in 10 min
 60:FF- Fair surface blow , built to 6 inches in 10 min, BOB in 29 min, final blow is 15 inches
 60:FS- Weak surface blow , built to 1/4 inch in 10 min, final blow is 3/4 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.20	126.33	Initial Hydro-static
1	18.89	125.85	Open To Flow (1)
31	29.89	127.49	Shut-In(1)
77	1373.93	130.39	End Shut-In(1)
79	32.80	130.13	Open To Flow (2)
139	53.23	132.64	Shut-In(2)
200	1362.68	135.15	End Shut-In(2)
207	2162.47	135.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	SWGOCM 50%M 30%G 18%O 2%W	0.58
0.00	GIP 315	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

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67259

DST#: 6

ATTN: Tim Priest

Test Start: 2022.06.24 @ 06:05:00

Tool Information

Drill Pipe:	Length: 4444.00 ft	Diameter: 3.80 inches	Volume: 62.34 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 98000.00 lb
Depth to Top Packer:	4637.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4610.00	
Hydraulic tool	5.00			4615.00	
Jars	5.00			4620.00	
EM Tool	4.00			4624.00	
Safety Joint	3.00			4627.00	
Packer	5.00			4632.00	32.00 Bottom Of Top Packer
Packer	5.00			4637.00	
Stubb	1.00			4638.00	
Recorder	0.00	8353	Inside	4638.00	
Recorder	0.00	8676	Outside	4638.00	
Perforations	39.00			4677.00	
Bullnose	3.00			4680.00	43.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

26-7-37W Sherman,KS

346 S Lulu St
Wichita, KS 67211

LHR #2-26

Job Ticket: 67259

DST#: 6

ATTN: Tim Priest

Test Start: 2022.06.24 @ 06:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	SWGOCM 50%M 30%G 18%O 2%W	0.580
0.00	GIP 315	0.000

Total Length: 118.00 ft Total Volume: 0.580 bbl

Num Fluid Samples: 0

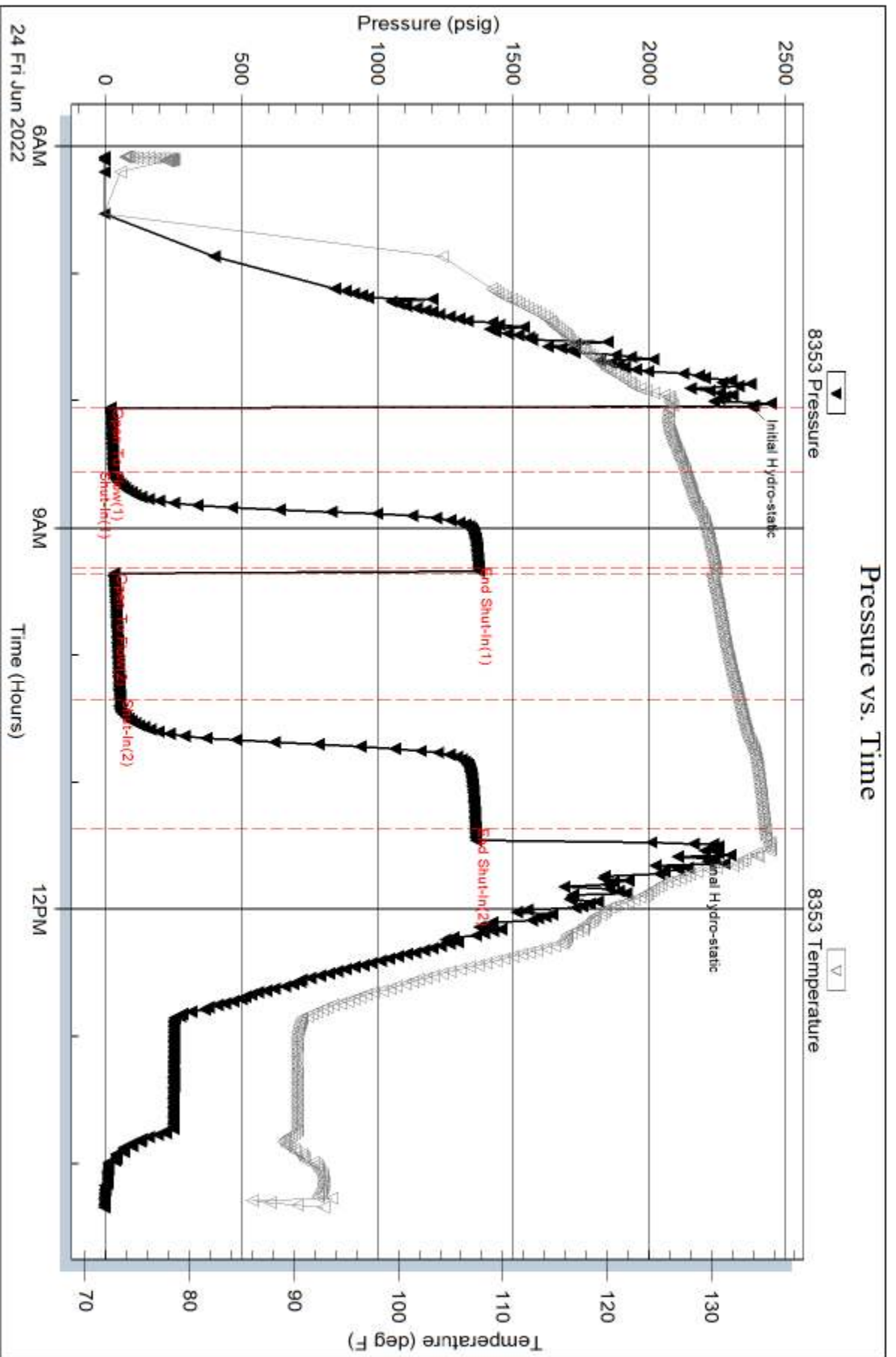
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

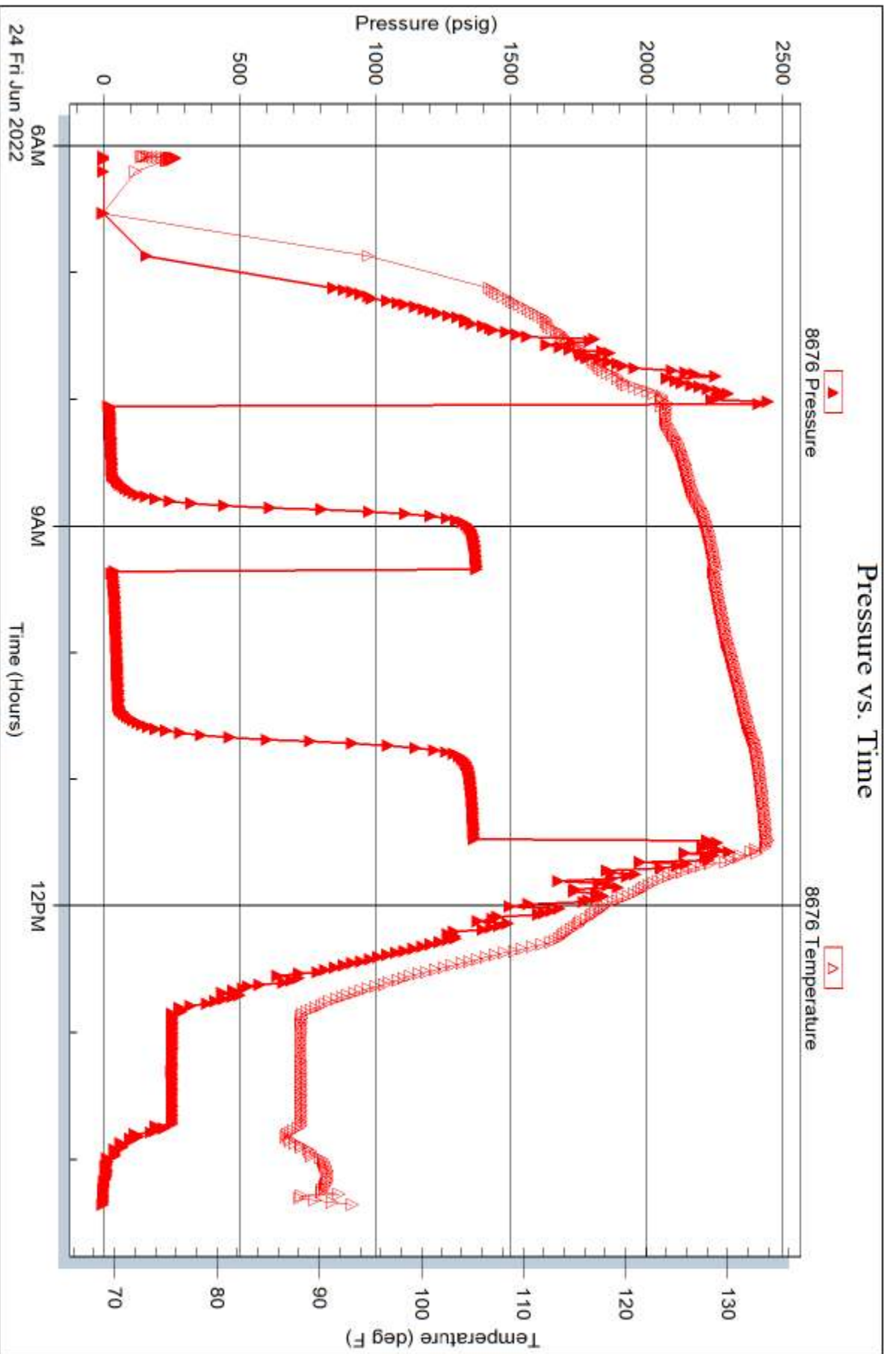


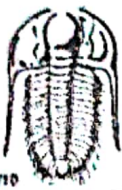
Serial #: 8676

Outside Chizum Oil LLC

LHR #2-26

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68775

Well Name & No. LHR #2-26 Test No. 1 Date 6/19/22
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S Lulu St Witchita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4209-4280 Zone Tested Toronto & Lansing A
 Anchor Length 71' Drill Pipe Run 4002 Mud Wt. 9.1
 Top Packer Depth 4204 Drill Collars Run 178 Vls 75
 Bottom Packer Depth 4209 Wt. Pipe Run _____ WL 6.4
 Total Depth 4280 Chlorides 3,300 ppm System LCM 3#

Blow Description FF - Fair surface blow, built to 5 1/4 inch in 10 min, Final blow is 11 inches
ISF - No blow back IE (BOB in 25 min)
FF - Weak surface blow in 3 min, built to 2 1/2 inches in 10 min, Final blow is 7 inches
FSI - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>178</u>	<u>VSMW</u>		<u>95</u>	<u>5</u>	
<u>189</u>	<u>W</u>		<u>100</u>		
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 367 BHT 137 Gravity _____ API RW .167 @ 73 °F Chlorides 50,000 ppm

(A) Initial Hydrostatic 2127 Test 1950 T-On Location 22:20
 (B) First Initial Flow 43 Jars 300 T-Started 00:23
 (C) First Final Flow 150 Safety Joint _____ T-Open 03:24
 (D) Initial Shut-In 1245 Circ Sub _____ T-Pulled 05:58
 (E) Second Initial Flow 165 Hourly Standby _____ T-Out 08:30
 (F) Second Final Flow 227 Mileage 148 RT 222 Comments Hotel
 (G) Final Shut-In 1233 Sampler _____
 (H) Final Hydrostatic 1968 Straddle _____ EM Tool _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 2722
 Sub Total 2722 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67255

Well Name & No. LHR #2-26 Test No. 2 Date 6/20/22
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S Lulu St Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4275-4360 Zone Tested Lansing B-F
 Anchor Length 85' Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 4270 Drill Collars Run 178 Vis 56
 Bottom Packer Depth 4275 Wt. Pipe Run _____ WL 6.4
 Total Depth 4360 Chlorides 4000 ppm System LCM 3#

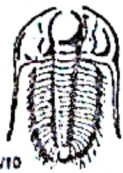
Blow Description IF - Fair surface blow, built to 7 inches in 10min, BOB in 17min, Final 14 inches
ISF - No blow back
FF - Weak surface blow, built to 4 inches in 10min, BOB in 20min, Final 1 1/2 inches
FSI - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>178</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
<u>252</u>	<u>WM</u>		<u>40</u>	<u>60</u>	
____	____				
____	____				
____	____				

Rec Total 430 BHT 137 Gravity _____ API RW .197 @ 74 °F Chlorides 35,000 ppm

(A) Initial Hydrostatic <u>2167</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>18:50</u>
(B) First Initial Flow <u>59</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>19:45</u>
(C) First Final Flow <u>211</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>22:20</u>
(D) Initial Shut-In <u>1330</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>00:30</u>
(E) Second Initial Flow <u>217</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>03:05</u>
(F) Second Final Flow <u>278</u>	<input checked="" type="checkbox"/> Mileage <u>222</u>	Comments <u>Hotel</u>
(G) Final Shut-In <u>1326</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2060</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool _____
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>2722</u>
	Sub Total <u>2722</u>	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. **67256**

Well Name & No. LHR #2-26 Test No. 3 Date 06/21/22
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S. Lulu St Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4385-4470 Zone Tested LKC H-J
 Anchor Length 85' Drill Pipe Run 4191 Mud Wt. 9.1
 Top Packer Depth 4380 Drill Collars Run 178 Vis 59
 Bottom Packer Depth 4385 Wt. Pipe Run _____ WL 6.4
 Total Depth 4470 Chlorides 4800 ppm System LCM 2#

Blow Description IF- Fair surface blow, built to BOB in 6 min, Final blow is 30 3/4 inches

ISI- No blow back

FF- Fair surface blow, built to BOB in 9 min, Final blow is 24 1/4 inches

FST- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>178</u>	<u>MW</u>		<u>95</u>	<u>5</u>	
<u>787</u>	<u>MW (Few spots of oil)</u>		<u>80</u>	<u>20</u>	
____	____				
____	____				
____	____				

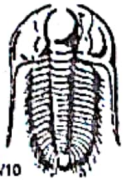
Rec Total 965 BHT 139 Gravity _____ API RW 270 @ 64 °F Chlorides 32,000 ppm

(A) Initial Hydrostatic 2240 Test 1950 T-On Location 18:30
 (B) First Initial Flow 171 Jars 300 T-Started 19:45
 (C) First Final Flow 311 Safety Joint _____ T-Open 22:02
 (D) Initial Shut-In 1314 Circ Sub _____ T-Pulled 00:05
 (E) Second Initial Flow 335 Hourly Standby _____ T-Out 02:50
 (F) Second Final Flow 473 Mileage 148 RT 222
 (G) Final Shut-In 1291 Sampler _____
 (H) Final Hydrostatic 1983 Straddle _____

Comments Hotel

Initial Open 30 Shale Packer 250 EM Tool _____
 Initial Shut-In 30 Extra Packer _____ Ruined Shale Packer _____
 Final Flow 30 Extra Recorder _____ Ruined Packer _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Accessibility _____ Total 2722
 Sub Total 2722 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67257**

Well Name & No. LHR #2-26 Test No. 4 Date 06/22/02
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S. Lulu St Witchita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4505-4535 Zone Tested LKC L
 Anchor Length 30' Drill Pipe Run 4318 Mud Wt. 9.3
 Top Packer Depth 4500 Drill Collars Run 178 Vls 63
 Bottom Packer Depth 4505 Wt. Pipe Run _____ WL 9.6
 Total Depth 4535 Chlorides 5500 ppm System LCM 2#

Blow Description IF-Weak surface blow, built to 1/4 inch in 10 min. Final blow is 1/2 inch

ISI- No blow back
FF- No blow
FSI- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>WM</u>			<u>50</u>	<u>50</u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 5' BHT 130 Gravity _____ API RW 380 @ 75 °F Chlorides 17,000 ppm

- (A) Initial Hydrostatic 2281
- (B) First Initial Flow 18
- (C) First Final Flow 23
- (D) Initial Shut-In 1253
- (E) Second Initial Flow 27
- (F) Second Final Flow 31
- (G) Final Shut-In 1230
- (H) Final Hydrostatic 2195

- Test 1950
- Jars 300
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 148 RT 222
- Sampler
- Straddle
- Shale Packer 250
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 2722

- T-On Location 12:30
- T-Started 13:35
- T-Open 15:37
- T-Pulled 17:40
- T-Out 20:00
- Comments Hotel
- EM Tool
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 2722
- MP/DST Disc't _____

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

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67258**

Well Name & No. LHR # 2-26 Test No. 5 Date 06/23/22
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S Lulu St Witchita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin # 8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4587-4640 Zone Tested Marmaton B-C
 Anchor Length 53' Drill Pipe Run 4410 Mud Wt. 9.1
 Top Packer Depth 4582 Drill Collars Run 178 Vis 58
 Bottom Packer Depth 4587 Wt. Pipe Run _____ WL 8.8
 Total Depth 4640 Chlorides 5500 ppm System LCM 2#

Blow Description IF - Fair surface blow, built to 3/4 in 10 min, Final blow is 8 inches
ISF - No blow back 3 1/2 inches in 10 min
EF - Weak surface blow, built to BOB in 23 min, Final blow is 20 inches
FSI - ~~Weak surface blow~~ Weak surface blow in 5 min, Final blow 1/4 inch

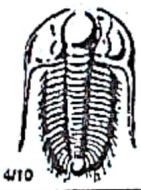
Rec	Feet of	%gas	%oil	%water	%mud
<u>178</u>	<u>MGO</u>	<u>15</u>	<u>70</u>	<u>15</u>	<u>0</u>
<u>567</u>	<u>SMGO</u>	<u>30</u>	<u>60</u>	<u>10</u>	<u>0</u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 745 BHT 142 Gravity 34.60 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2319 Test 1950 T-On Location 09:30
 (B) First Initial Flow 227 Jars 300 T-Started 10:15
 (C) First Final Flow 284 Safety Joint _____ T-Open 12:39
 (D) Initial Shut-In 1343 Circ Sub _____ T-Pulled 15:55
 (E) Second Initial Flow 293 Hourly Standby _____ T-Out 19:20
 (F) Second Final Flow 355 Mileage 148RT 222 Comments Hotel
 (G) Final Shut-In 1311 Sampler _____
 (H) Final Hydrostatic 2152 Straddle _____ EM Tool -350
 Shale Packer 250 Ruined Shale Packer 365
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350 + 365
 Accessibility _____ Total 2737
 Sub Total 2722 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67259

Well Name & No. LHR #2-26 Test No. 6 Date 06/24/22
 Company Chizum Oil LLC Elevation 3442 KB 3437 GL
 Address 346 S. Lulu St Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 26 Twp 7 Rge. 37W Co. Sherman State KS

Interval Tested 4637-4680 Zone Tested Pawnee
 Anchor Length 43' Drill Pipe Run 4444 Mud Wt. 9.1
 Top Packer Depth 4632 Drill Collars Run 178 Vls 58
 Bottom Packer Depth 4637 Wt. Pipe Run _____ WL 8.8
 Total Depth 4680 Chlorides 5500 ppm System LCM 2#

Blow Description IF-Weak surface blow, built to 2 3/4 inch in 10 min, Final 7 1/4 inch
ISF-Weak surface blow, dried out in 10 min
FF-Fair Surface blow, built to 6 inches in 10 min, BOB in 29 min, Final blow is 15 in
FSI-Weak surface blow, built to 1/4 inch in 10 min, Final blow is 3/4 inch

Rec	Feet of	%gas	%oil	%water	%mud
<u>118</u>	<u>Feet of SNGOCM</u>	<u>30</u>	<u>18</u>	<u>2</u>	<u>50</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>GIP 315'</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 118 BHT 135 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2374</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>05:00</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>06:05</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>08:03</u>
(D) Initial Shut-In <u>1374</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>11:30</u>
(E) Second Initial Flow <u>33</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:20</u>
(F) Second Final Flow <u>53</u>	<input checked="" type="checkbox"/> Mileage <u>148 RT 222</u>	Comments <u>Hotel</u>
(G) Final Shut-In <u>1363</u>	<input type="checkbox"/> Sampler _____	Had to stop for casing
(H) Final Hydrostatic <u>2162</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool -350
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</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>60</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>-350</u>
	<input type="checkbox"/> Accessibility _____	Total <u>2372</u>
	Sub Total <u>2722</u>	MP/DST Disc 1

Approved By _____ Our Representative [Signature]

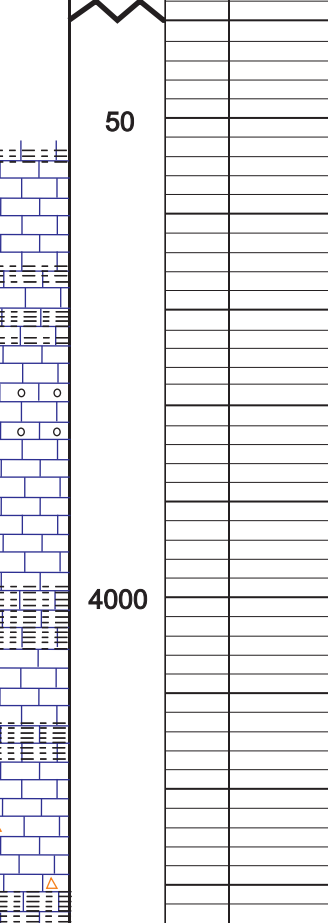
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GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **CHIZUM OIL, LLC** ELEVATIONS
 LEASE **JHR #2-26** KG 3441'
 FIELD **Whitetail** DF _____
 LOCATION **1450' FTL, 2553' FNL** GL 3436'
 SEC **26** TWPSP **7S** RPE **37W**
 COUNTY **Sherman** STATE **Kansas** Measurements Are All From **KB**
 CONTRACTOR **W.W. Drilling, Rig #8**
 SPUD **6-16-22** COMP _____
 RTD **4870'** LTD **4871'** CASING _____
 MUD UP **3600'** TYPE MUD **Chemical** CONDUCTOR **N/A**
 SAMPLES SAVED FROM **4000'** to RTD SURFACE **8-5/8" @ 356'**
 DRILLING TIME KEPT FROM **4000'** to RTD PRODUCTION **4 1/2" @ 4870'**
 SAMPLES EXAMINED FROM **4000'** to RTD
 GEOLOGICAL SUPERVISION FROM **4100'** to RTD
 GEOLOGIST ON WELL **Tim Priest** **ELECTRICAL SURVEYS CND/D/SP/P.E.**
 MICRO _____

FORMATION TOPS

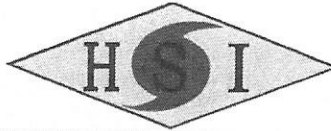
FORMATION	ELECTRIC LOG	SAMPLE
Anhydrite	3016 (+425)	3016 (+425)
Heebner Shale	4209 (-768)	4209 (-768)
Lansing	4256 (-815)	4255 (-814)
Stark	4472 (-1031)	4469 (-1028)
Marmaton	4580 (-1139)	4580 (-1139)
Fort Scott	4716 (-1275)	4715 (-1274)
Cherokee Shale	4799 (-1308)	4751 (-1310)
Mississippian	NP	NP



REMARKS Due to the positive results of DSTs, it was decided to set production casing to further test the well.

Respectfully Submitted,

API #15-181-20640 Tim Priest
 Petroleum Geologist



Customer ChizumOil		Lease & Well # LHR #2-26		Date 6/16/2022	
Service District Oakley KS		County & State Sherman KS		Legals S/T/R 26-7S-37W	
Job Type Surface		<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment # 64		Driver John			
Equipment # 528-520		Driver Jose			
Equipment # 527-235		Driver Charlie			
Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
<input checked="" type="checkbox"/> Hard hat		<input checked="" type="checkbox"/> Gloves		<input type="checkbox"/> Lockout/Tagout	
<input checked="" type="checkbox"/> H2S Monitor		<input checked="" type="checkbox"/> Eye Protection		<input type="checkbox"/> Required Permits	
<input checked="" type="checkbox"/> Safety Footwear		<input type="checkbox"/> Respiratory Protection		<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	
<input checked="" type="checkbox"/> FRC/Protective Clothing		<input type="checkbox"/> Additional Chemical/Acid PPE		<input checked="" type="checkbox"/> Overhead Hazards	
<input type="checkbox"/> Hearing Protection		<input checked="" type="checkbox"/> Fire Extinguisher		<input type="checkbox"/> Additional concerns or issues noted below	
<input type="checkbox"/> Warning Signs & Flagging		<input type="checkbox"/> Fall Protection		<input checked="" type="checkbox"/> Specific Job Sequence/Expectations	
<input checked="" type="checkbox"/> Muster Point/Medical Locations					
Comments					
Product/ Service Code					
Description					
Unit of Measure					
Quantity					
Net Amount					
CP015	H-325	sack	260.00		\$5,616.00
M015	Light Equipment Mileage	mi	50.00		\$100.00
M010	Heavy Equipment Mileage	mi	100.00		\$400.00
M020	Ton Mileage	tm	613.00		\$919.50
D010	Depth Charge: 0'-500'	job	1.00		\$960.00
C060	Cement Blending & Mixing Service	sack	260.00		\$349.44
R061	Service Supervisor	day	1.00		\$264.00
Customer Section: On the following scale how would you rate Hurricane Services Inc.?					
				Net:	\$8,608.94
				Total Taxable	\$ -
				Tax Rate:	
Based on this job, how likely is it you would recommend HSI to a colleague?				Sale Tax:	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely					
				HSI Representative: John Polley	

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 1/2% 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**



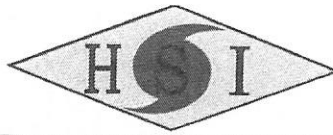
CEMENT TREATMENT REPORT

Customer: ChizumOil	Well: LHR #2-26	Ticket: WP 2940
City, State: Oakley KS	County: Sherman KS	Date: 6/16/2022
Field Rep: Jason Galli	S-T-R: 26-7S-37W	Service: Surface

Downhole Information	Calculated Slurry - Lead	Calculated Slurry - Tail
Hole Size: 12.25 in	Blend: H-325	Blend:
Hole Depth: 368 ft	Weight: 14.8 ppg	Weight: ppg
Casing Size: 8 5/8 in	Water / Sx: 6.9 gal / sx	Water / Sx: gal / sx
Casing Depth: 368 ft	Yield: 1.41 ft ³ / sx	Yield: ft ³ / sx
Tubing / Liner: in	Annular Bbls / Ft.: 0.0735 bbs / ft.	Annular Bbls / Ft.: bbs / ft.
Depth: ft	Depth: ft	Depth: ft
Tool / Packer:	Annular Volume: 0.0 bbls	Annular Volume: 0 bbls
Tool Depth: ft	Excess:	Excess:
Displacement: 22.2 bbls	Total Slurry: 65.2 bbls	Total Slurry: 0.0 bbls
	Total Sacks: 260 sx	Total Sacks: 0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:22 PM			-	-	Arrived on location
1:32 PM				-	Safety meeting
1:42 PM				-	Rigged up
1:59 PM				-	Casing on bottom
2:06 PM				-	Circulated mud
2:45 PM	3.4	200.0	5.0	5.0	Water ahead
2:49 PM	5.8	400.0	65.2	70.2	Mixed 260 sacks H-325 cement @ 14.8 ppg
3:02 PM	6.0	400.0	22.2	92.4	Begin displacement
3:06 PM		250.0		92.4	Plug down and shut in with 2 bbls cement circulated to pit
3:08 PM				92.4	Wash up and rigged down
4:00 PM				92.4	Left location

CREW			UNIT	SUMMARY		
Cementer:	John		64	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose		528-620	5.1 bpm	313 psi	92 bbls
Bulk #1:	Charlie		527-235			
Bulk #2:						



Customer	Chizum	Lease & Well #	LHR 2-26	Date	6/26/2022
Service District	Oakley	County & State	Sherman, KS	Legals S/T/R	28-7S-37W
Job Type	2 Stage	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	Job #
Equipment #	Driver	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No			
26	Spencer	Ticket # WP 2992			

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
26	Spencer	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging
230	Micheal	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection
205		<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
180/530		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input checked="" type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Additional concerns or issues noted below	
Comments					

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
CP025	H-Con	sack	515.00	\$12,360.00
CP030	H-Long	sack	150.00	\$5,040.00
CP133	Cement Friction Reducer	lb	56.00	\$430.08
CP170	Mud Flush	gal	500.00	\$480.00
FE040	4 1/2" Centralizers	ea	5.00	\$288.00
FE045	4 1/2" Cement Basket	ea	2.00	\$528.00
FE065	4 1/2" Float Shoe - Flapper type	ea	1.00	\$264.00
FE080	4 1/2" DV Tool - 2 Stage	ea	1.00	\$3,360.00
FE095	4 1/2" Latch Down Plug & Baffle	ea	1.00	\$264.00
M015	Light Equipment Mileage	mi	50.00	\$100.00
M010	Heavy Equipment Mileage	mi	150.00	\$600.00
M020	Ton Mileage	tm	1,565.00	\$2,347.50
D015	Depth Charge: 4001'-5000'	job	1.00	\$2,400.00
C035	Cement Data Acquisition	job	1.00	\$240.00
C050	Cement Plug Container	job	1.00	\$240.00
C060	Cement Blending & Mixing Service	sack	665.00	\$893.76

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

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

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

Total Taxable	\$ -	Tax Rate:		Net:	\$29,835.34
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.				Sale Tax:	\$ -
				Total:	\$ 29,835.34
HSI Representative: Spencer Savage					

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**

ftv: 15-2021/01/25
mplv: 264-2022/05/23

Chizum
WELL_NAME

