

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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FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0814

LOCATION Maxie

FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-15-22	35407	Stanley Trust 1-34	34	8	36	Thomas
CUSTOMER		Chizum Oil LLC				
MAILING ADDRESS		346 S Lulu St				
CITY		STATE	ZIP CODE			
Wichita		KS	67211			
JOB TYPE	PTA	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT		
CASING DEPTH		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING		
DISPLACEMENT		DISPLACEMENT PSI	MIX PSI	RATE		

TRUCK #	DRIVER	TRUCK #	DRIVER
102	Tom W		
41301	Chase M		

REMARKS: Safety meeting & set up on Maxie St - Plug as ordered

- 1) 2900' 50 SF
- 2) 2050' 100 SF
- 3) 375' 80 SF
- 40' 10 SF
- RH 30
- MH 15
- 255 SF

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL005	1	PUMP CHARGE PTA	\$1500.00	\$1500.00
MO01	56	MILEAGE	\$1.50	\$314.00
MO02	11.35 tons	Ton Mileage Delivery	\$953.40	\$953.40
CB010	255 SF	60/40 4" x 1" 1/4 # 510 seal	\$16.75	\$4,271.25
CP005	100 lbs	salt	\$4.50	\$450.00
			sub total	\$7,138.65
			less 5% disc.	\$354.93
			sub total	\$6,783.72
			SALES TAX	338.68
			ESTIMATED TOTAL	7120.40

AUTHORIZATION [Signature] TITLE Tool Pusher DATE 12-15-22

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Customer	Chizum Oil	Lease & Well #	Starkey Trust #1-34	Date	12/6/2022
Service District	Oakley,KS	County & State	Thomas,KS	Legals S/T/R	34-8S-36W
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	Job #
Equipment #	Driver	Ticket #			

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging
<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection
<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
<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	

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
CP015	H-325			
M015	Light Equipment Mileage	sack	250.00	\$5,625.00
M010	Heavy Equipment Mileage	mi	45.00	\$90.00
M020	Ton Mileage	mi	90.00	\$360.00
D010	Depth Charge: 0'-500'	lm	529.00	\$793.50
C060	Cement Blending & Mixing Service	job	1.00	\$1,000.00
R061	Service Supervisor	sack	250.00	\$350.00
		day	1.00	\$275.00

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 Extremely Likely

Total Taxable	\$ -	Tax Rate:		Net:	\$8,493.50
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:	\$ 8,493.50

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 1/2% 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**

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY: **CHIZUM OIL, LLC**
 LEASE: **Shirley, Tract #1-34**
 FIELD: **Wildcat**
 LOCATION: **11007 F.W.L. 1680' FWL**
 SEC: **34 T15SP 8S** RFE: **36W**
 COUNTY: **Thomas** STATE: **Kansas**

CONTRACTOR: **Murfin Dring Co, Inc Rig 110**
 SPUD: **12-5-22** COMP: **12-15-22**
 RTD: **4860'** LTD: **4862'**
 MUD UP: **3300'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3900'** to RTD
 DRILLING TIME KEPT FROM: **3900'** to RTD
 SAMPLES EXAMINED FROM: **3900'** to RTD
 GEOLOGICAL SUPERVISION FROM: **3900'** to RTD

GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: **ELECTRIC LOG** SAMPLE
 Anyvrite: **2880 (+519)** **2883 (+516)**
 Heebner Shale: **4138 (+739)** **4136 (+737)**
 Amsburg: **4185 (+786)** **4184 (+785)**
 BRC: **4403 (+1004)** **4399 (+1000)**
 Fort Scott: **4464 (+1065)** **4460 (+1061)**
 Cherokee Shale: **4648 (+1249)** **4644 (+1245)**
 Mississippian: **4818 (+1419)** **4817 (+1418)**

ELEVATIONS
 KG: **3399'**
 DF: _____
 GL: **3394'**

Measurements Are All From **KB**

CASING
 CONDUCTION: **N/A**
 SURFACE: **8-5/8" @ 235'**
 PRODUCTION: **None**

ELECTRICAL SURVEYS
 None

REMARKS Due to the negative results of DSTs, it was decided to plug and abandon the well.

Respectfully Submitted,
 Tim Priest
 Petroleum Geologist

API #15-193-21112



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: TIm Priest

Starkey Trust #1-34

34-8s-36w Thomas,KS

Start Date: 2022.12.09 @ 17:35:00

End Date: 2022.12.10 @ 01:39:30

Job Ticket #: 69726 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.12.15 @ 16:55:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

34-8s-36w Thomas,KS
Starkey Trust #1-34
 Job Ticket: 69726 **DST#: 1**
 Test Start: 2022.12.09 @ 17:35:00

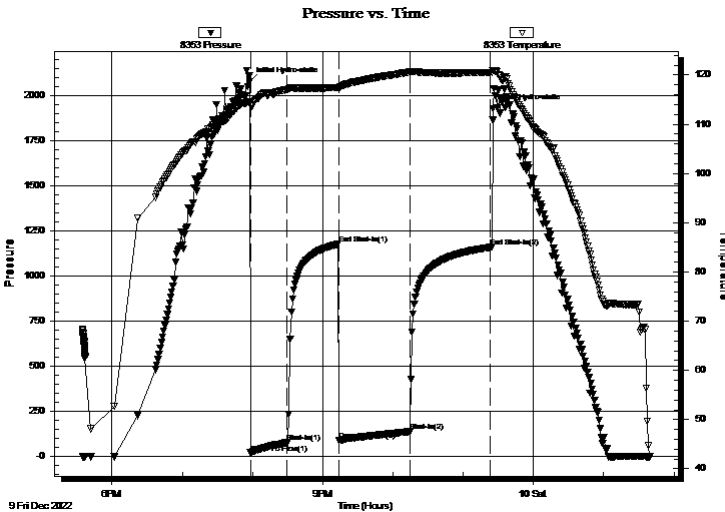
GENERAL INFORMATION:

Formation: **Lansing A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:58:15
 Time Test Ended: 01:39:30
 Interval: **4136.00 ft (KB) To 4230.00 ft (KB) (TVD)**
 Total Depth: 4230.00 ft (KB) (TVD)
 Hole Diameter: 7.87 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Nathan Aneas
 Unit No: 71
 Reference Elevations: 3399.00 ft (KB)
 3394.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
 Press@RunDepth: 138.36 psig @ 4137.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.12.09 End Date: 2022.12.10 Last Calib.: 2022.12.10
 Start Time: 17:35:01 End Time: 01:39:30 Time On Btm: 2022.12.09 @ 19:57:30
 Time Off Btm: 2022.12.09 @ 23:25:30

TEST COMMENT: 30:IF- Weak surface blow , built to 2 1/4" in 10 min, final is 5"
 45:IS- No blow back
 60:FF- Weak surface blow , built to 2" in 10 min, final is 5 1/2"
 60:FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.62	114.58	Initial Hydro-static
1	20.85	113.89	Open To Flow (1)
32	79.06	117.06	Shut-In(1)
76	1177.80	117.48	End Shut-In(1)
77	88.71	117.28	Open To Flow (2)
137	138.36	120.60	Shut-In(2)
206	1159.36	120.51	End Shut-In(2)
208	1929.48	120.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	MW 80%W 20%M	0.88
83.00	SOMCW 60%W 39%M 1%O	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69726

DST#: 1

ATTN: Tlm Priest

Test Start: 2022.12.09 @ 17:35:00

Tool Information

Drill Pipe:	Length: 3938.00 ft	Diameter: 3.80 inches	Volume: 55.24 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 56.12 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	4136.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.00 ft			
Tool Length:	121.00 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			4114.00	
Hydraulic tool	5.00			4119.00	
EM Tool	4.00			4123.00	
Safety Joint	3.00			4126.00	
Packer	5.00			4131.00	27.00 Bottom Of Top Packer
Packer	5.00			4136.00	
Stubb	1.00			4137.00	
Recorder	0.00	8353	Outside	4137.00	
Recorder	0.00	8676	Inside	4137.00	
Perforations	25.00			4162.00	
Change Over Sub	1.00			4163.00	
Blank Spacing	63.00			4226.00	
Change Over Sub	1.00			4227.00	
Bullnose	3.00			4230.00	94.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69726

DST#: 1

ATTN: Tlm Priest

Test Start: 2022.12.09 @ 17:35:00

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:

60000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.25 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
179.00	MW 80%W 20%M	0.880
83.00	SOMCW 60%W 39%M 1%O	1.164

Total Length: 262.00 ft Total Volume: 2.044 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

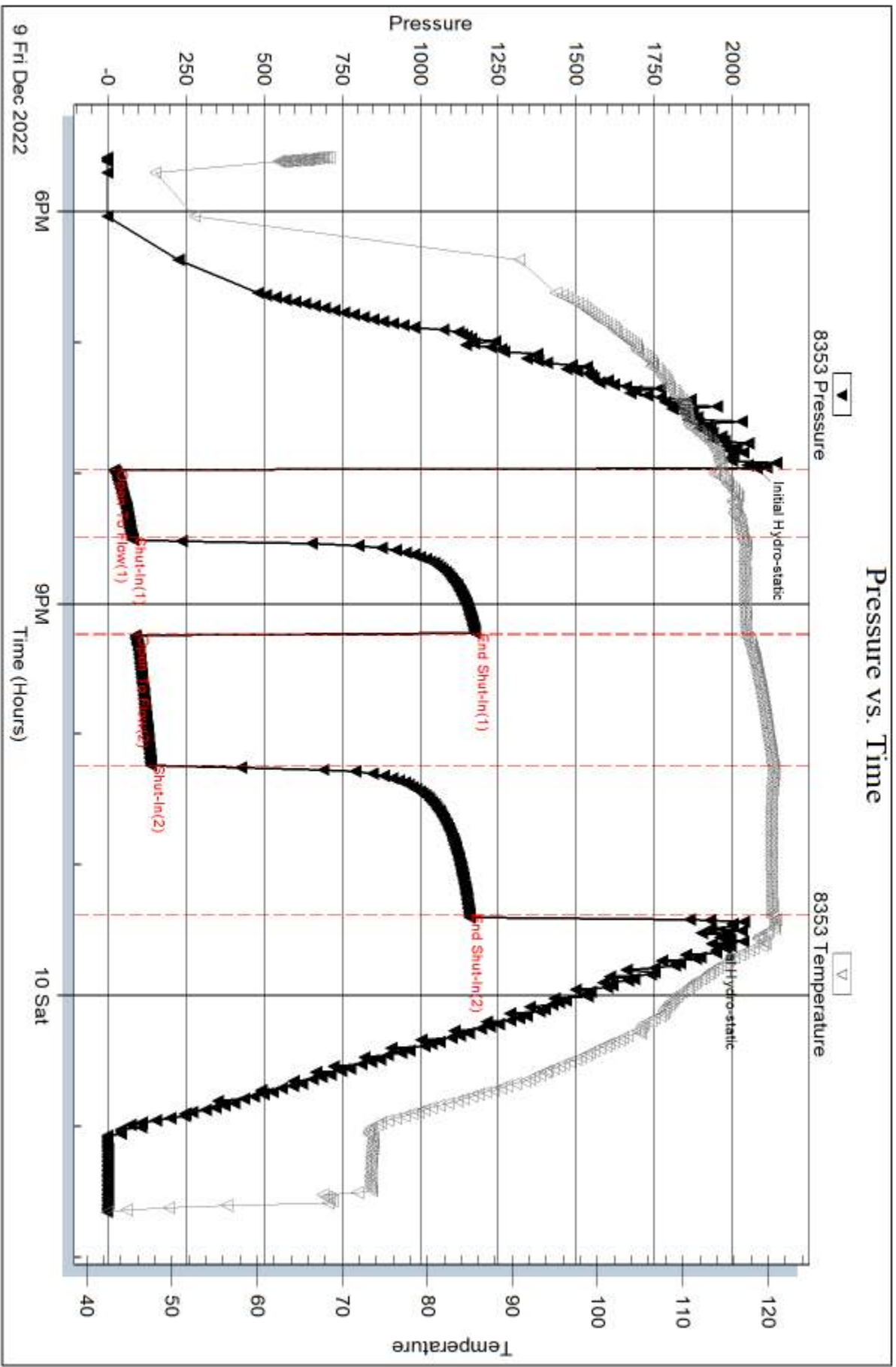
Recovery Comments: .248@ 38 Degrees= 60,000 ppm

Serial #: 8353

Outside Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 1



Trilobe Testing, Inc

Ref. No: 69726

Printed: 2022.12.15 @ 16:55:13

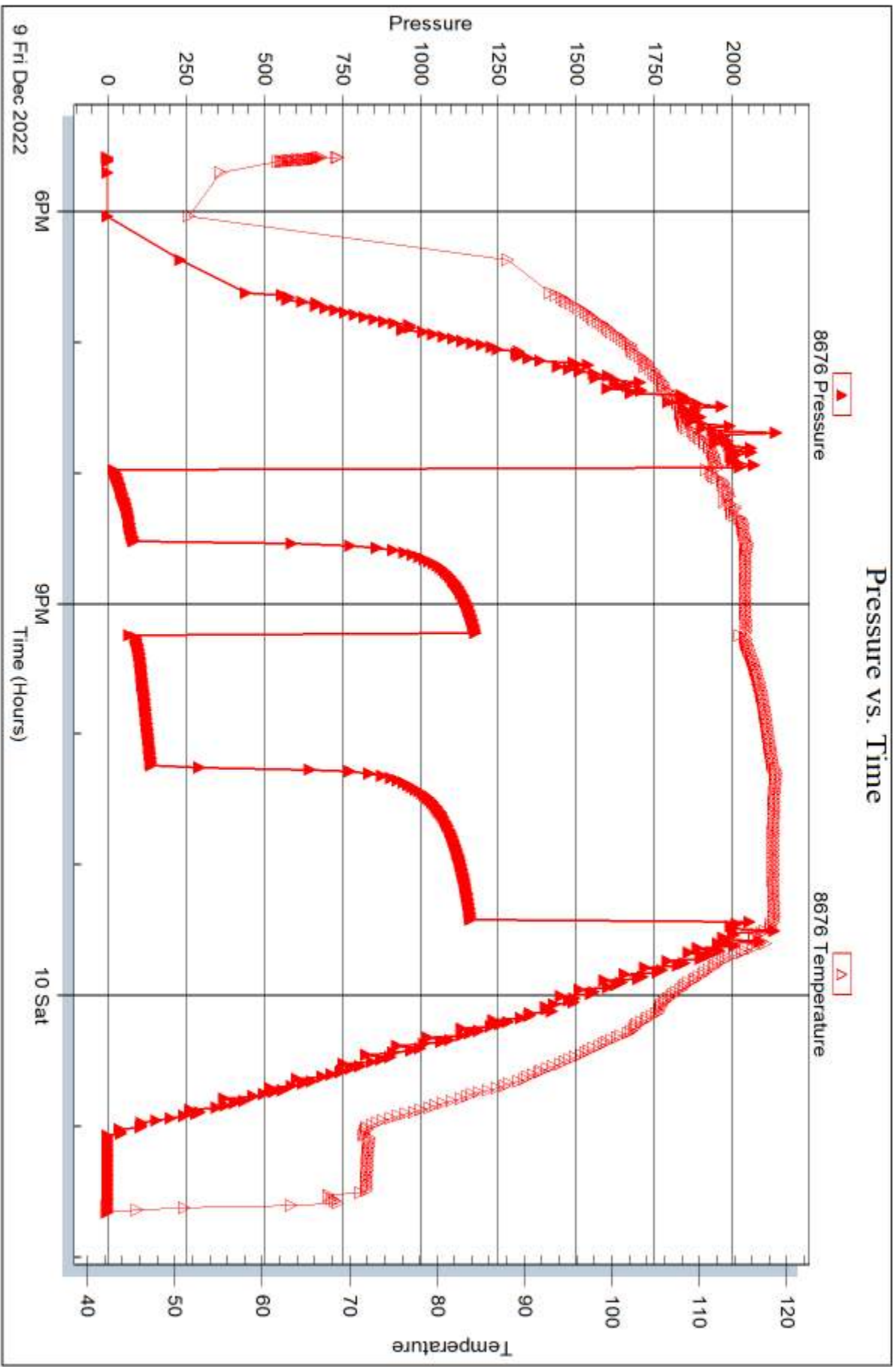
Serial #: 8676

Inside

Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 69726

Printed: 2022.12.15 @ 16:55:13



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: TIm Priest

Starkey Trust #1-34

34-8s-36w Thomas,KS

Start Date: 2022.12.10 @ 12:50:00

End Date: 2022.12.10 @ 20:32:15

Job Ticket #: 69727 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.12.15 @ 16:54:47



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

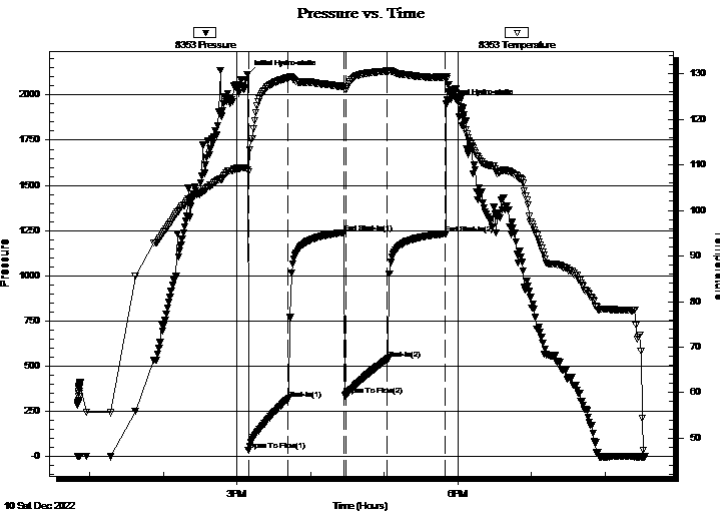
34-8s-36w Thomas,KS
Starkey Trust #1-34
Job Ticket: 69727 **DST#: 2**
Test Start: 2022.12.10 @ 12:50:00

GENERAL INFORMATION:

Formation: **Lansing C-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:09:15
Time Test Ended: 20:32:15
Test Type: Conventional Bottom Hole (Reset)
Tester: Nathan Aneas
Unit No: 71
Interval: **4231.00 ft (KB) To 4280.00 ft (KB) (TVD)**
Reference Elevations: 3399.00 ft (KB)
Total Depth: 4280.00 ft (KB) (TVD) 3394.00 ft (CF)
Hole Diameter: 7.87 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
Press@RunDepth: 536.20 psig @ 4232.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.12.10 End Date: 2022.12.10 Last Calib.: 2022.12.10
Start Time: 12:50:01 End Time: 20:32:15 Time On Btm: 2022.12.10 @ 15:08:15
Time Off Btm: 2022.12.10 @ 17:50:45

TEST COMMENT: 30:IF- Fair surface blow , BOB in 4 min, final is 48"
45:IS- Weak surface blow in 15 min, 1/2" in 25 min, final is 1/2"
30:FF- Fair surface blow , BOB in 5 min, final is 41 3/4"
45:FS- Weak surface blow in 8 min, built to 1/2" in 30 min, final is 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.86	108.96	Initial Hydro-static
1	35.64	108.55	Open To Flow (1)
33	317.82	129.08	Shut-In(1)
79	1239.32	127.12	End Shut-In(1)
81	338.81	126.73	Open To Flow (2)
114	536.20	130.59	Shut-In(2)
162	1232.99	129.20	End Shut-In(2)
163	1950.42	129.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	MW 90%W 10%M (oil in tool)	0.88
882.00	SGOMCW 74%W 17%M 6%O 3%G	12.37
126.00	CO 100%O	1.77

* 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

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69727

DST#: 2

ATTN: Tlm Priest

Test Start: 2022.12.10 @ 12:50:00

Tool Information

Drill Pipe:	Length: 4033.00 ft	Diameter: 3.80 inches	Volume: 56.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 57.45 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	4231.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	76.00 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			4209.00	
Hydraulic tool	5.00			4214.00	
EM Tool	4.00			4218.00	
Safety Joint	3.00			4221.00	
Packer	5.00			4226.00	27.00 Bottom Of Top Packer
Packer	5.00			4231.00	
Stubb	1.00			4232.00	
Recorder	0.00	8353	Outside	4232.00	
Recorder	0.00	8676	Inside	4232.00	
Perforations	12.00			4244.00	
Change Over Sub	1.00			4245.00	
Blank Spacing	31.00			4276.00	
Change Over Sub	1.00			4277.00	
Bullnose	3.00			4280.00	49.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69727

DST#: 2

ATTN: Tlm Priest

Test Start: 2022.12.10 @ 12:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

100000 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.15 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
179.00	MW 90%W 10%M (oil in tool)	0.880
882.00	SGOMCW 74%W 17%M 6%O 3%G	12.372
126.00	CO 100%O	1.767

Total Length: 1187.00 ft Total Volume: 15.019 bbl

Num Fluid Samples: 0

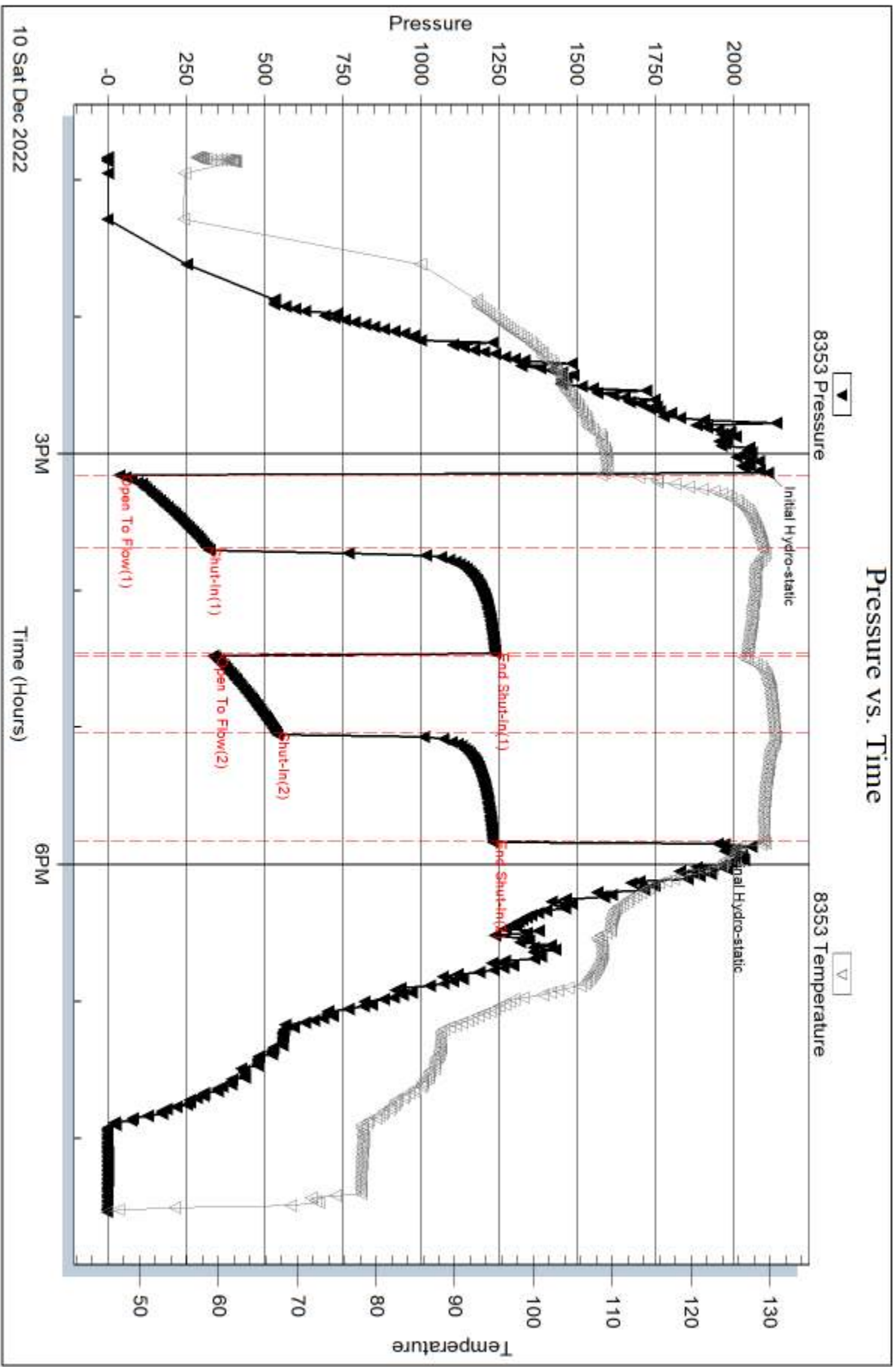
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 19 Oil API @ 30 deg API corrected to 22 Oil API @ 60 deg API
.151@ 36 Degrees= 100,000 ppm



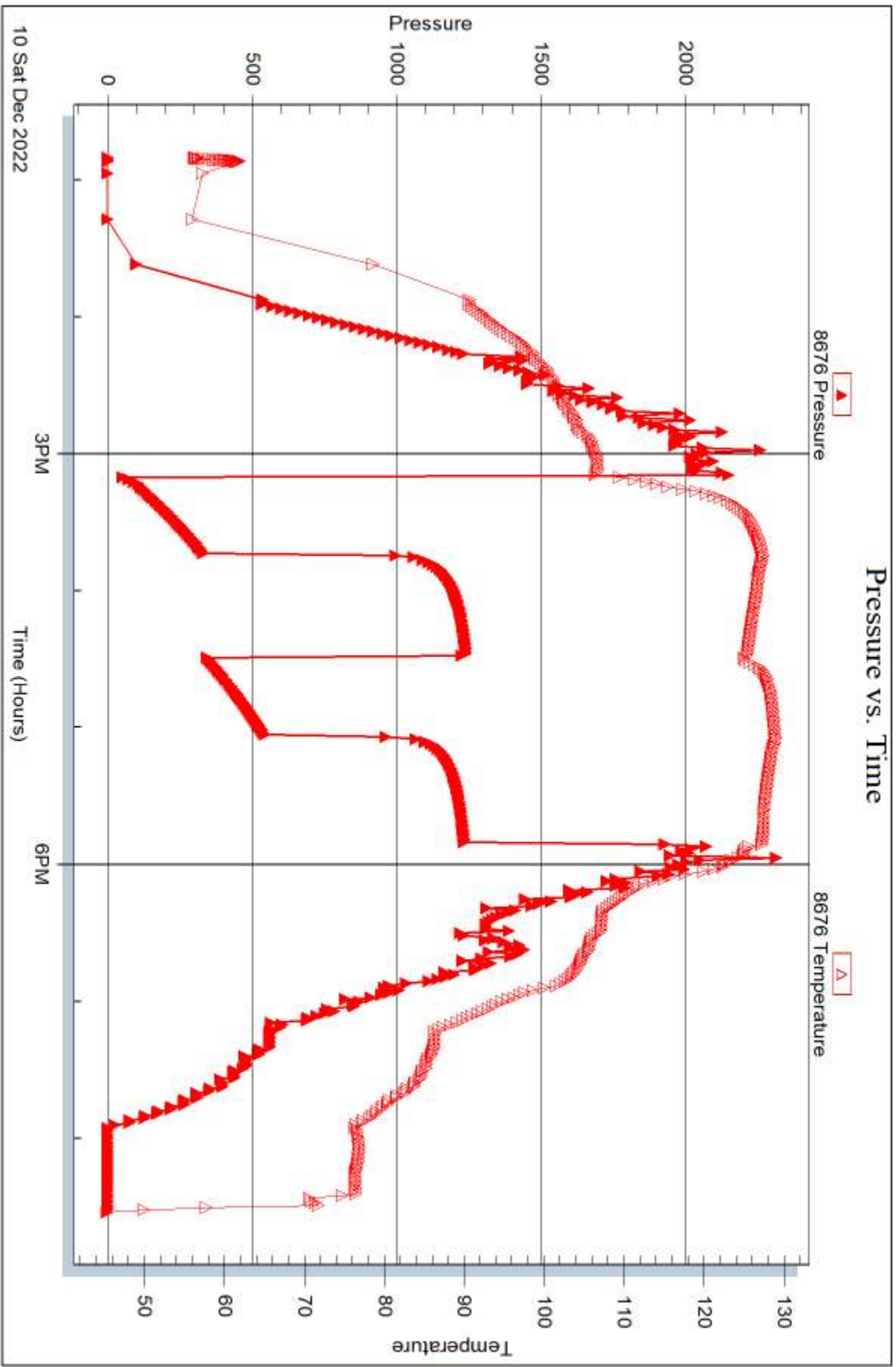
Serial #: 8676

Inside

Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69727

Printed: 2022.12.15 @ 16:54:48



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

Starkey Trust #1-34

34-8s-36w Thomas,KS

Start Date: 2022.12.11 @ 11:30:00

End Date: 2022.12.11 @ 18:34:30

Job Ticket #: 69728 DST #: 3

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

Printed: 2022.12.15 @ 16:54:09



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

34-8s-36w Thomas,KS
Starkey Trust #1-34
 Job Ticket: 69728 **DST#: 3**
 Test Start: 2022.12.11 @ 11:30:00

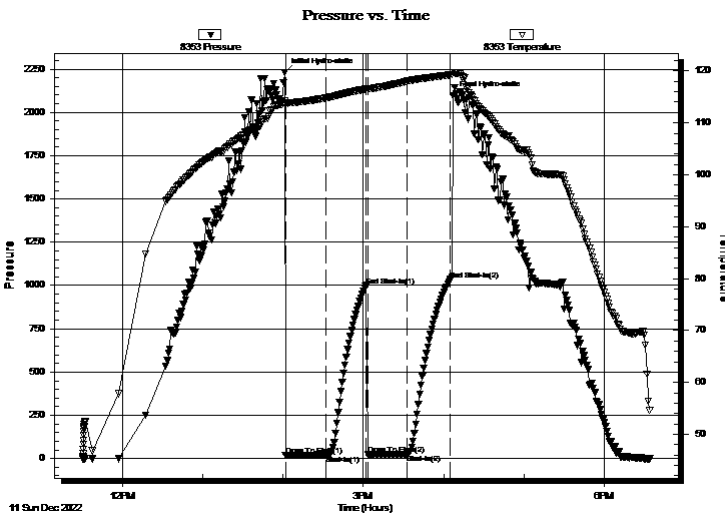
GENERAL INFORMATION:

Formation: **KC H-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 14:01:45 Tester: Nathan Aneas
 Time Test Ended: 18:34:30 Unit No: 71
 Interval: **4336.00 ft (KB) To 4395.00 ft (KB) (TVD)** Reference Elevations: 3399.00 ft (KB)
 Total Depth: 4395.00 ft (KB) (TVD) 3394.00 ft (CF)
 Hole Diameter: 7.87 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
 Press@RunDepth: 24.01 psig @ 4337.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.12.11 End Date: 2022.12.11 Last Calib.: 2022.12.11
 Start Time: 11:30:01 End Time: 18:34:30 Time On Btm: 2022.12.11 @ 14:01:15
 Time Off Btm: 2022.12.11 @ 16:07:15

TEST COMMENT: 30:IF- Weak surface blow , built to 1/4" in 10 min, final is 3/4"
 30:IS- No blow back
 30:FF- Weak surface blow in 12 min, stayed weak surface for final
 30:FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.70	114.20	Initial Hydro-static
1	17.24	113.85	Open To Flow (1)
31	21.49	114.80	Shut-In(1)
61	995.94	116.53	End Shut-In(1)
62	22.29	116.57	Open To Flow (2)
92	24.01	118.04	Shut-In(2)
124	1032.26	119.25	End Shut-In(2)
126	2097.29	119.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

* 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

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69728

DST#: 3

ATTN: Tlm Priest

Test Start: 2022.12.11 @ 11:30:00

Tool Information

Drill Pipe:	Length: 4158.00 ft	Diameter: 3.80 inches	Volume: 58.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.21 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	4336.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	86.00 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			4314.00	
Hydraulic tool	5.00			4319.00	
EM Tool	4.00			4323.00	
Safety Joint	3.00			4326.00	
Packer	5.00			4331.00	27.00 Bottom Of Top Packer
Packer	5.00			4336.00	
Stubb	1.00			4337.00	
Recorder	0.00	8353	Outside	4337.00	
Recorder	0.00	8676	Inside	4337.00	
Perforations	22.00			4359.00	
Change Over Sub	1.00			4360.00	
Blank Spacing	31.00			4391.00	
Change Over Sub	1.00			4392.00	
Bullnose	3.00			4395.00	59.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69728

DST#: 3

ATTN: Tlm Priest

Test Start: 2022.12.11 @ 11:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

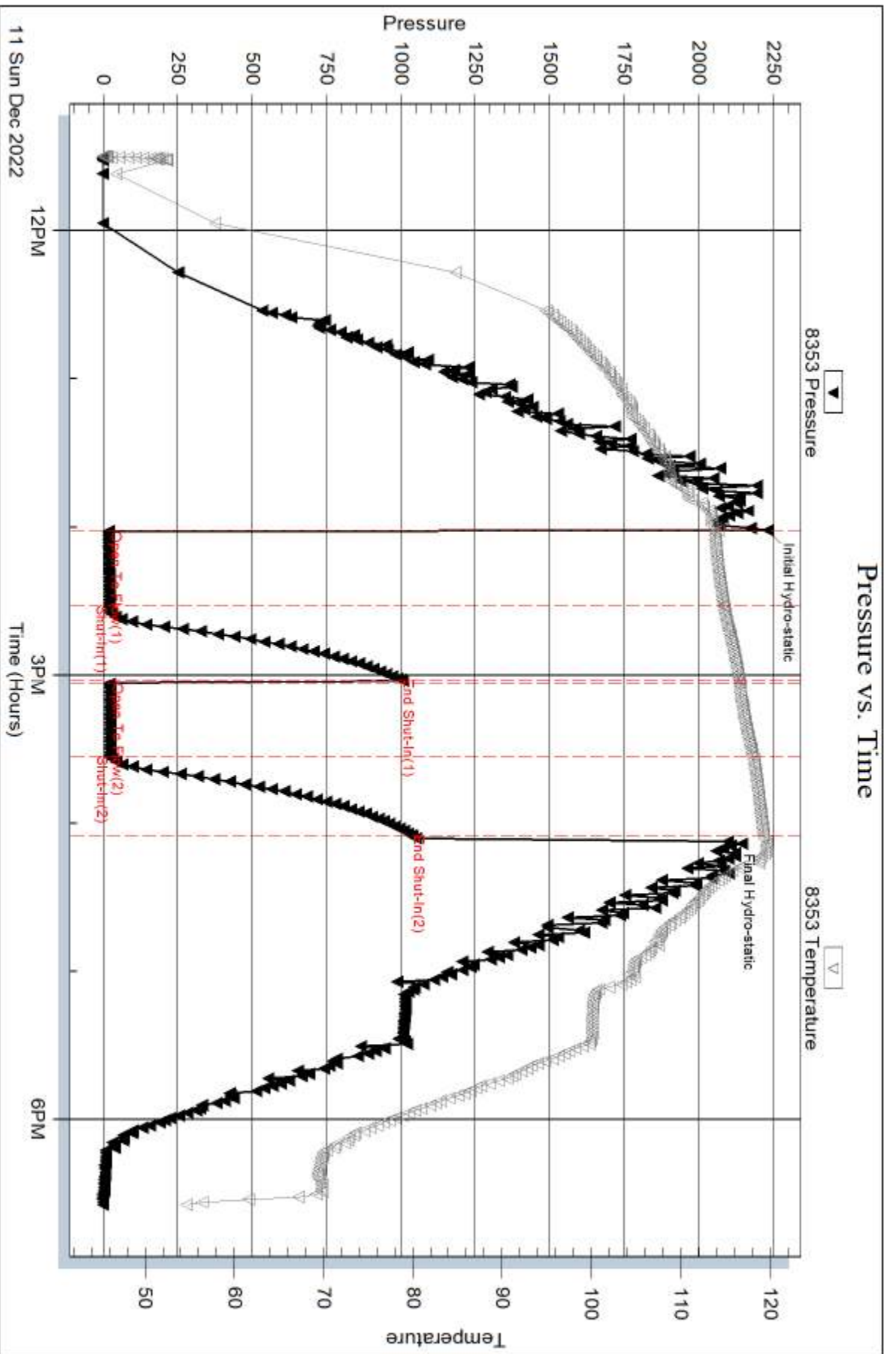
Recovery Comments:

Serial #: 8353

Outside Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69728

Printed: 2022.12.15 @ 16:54:10

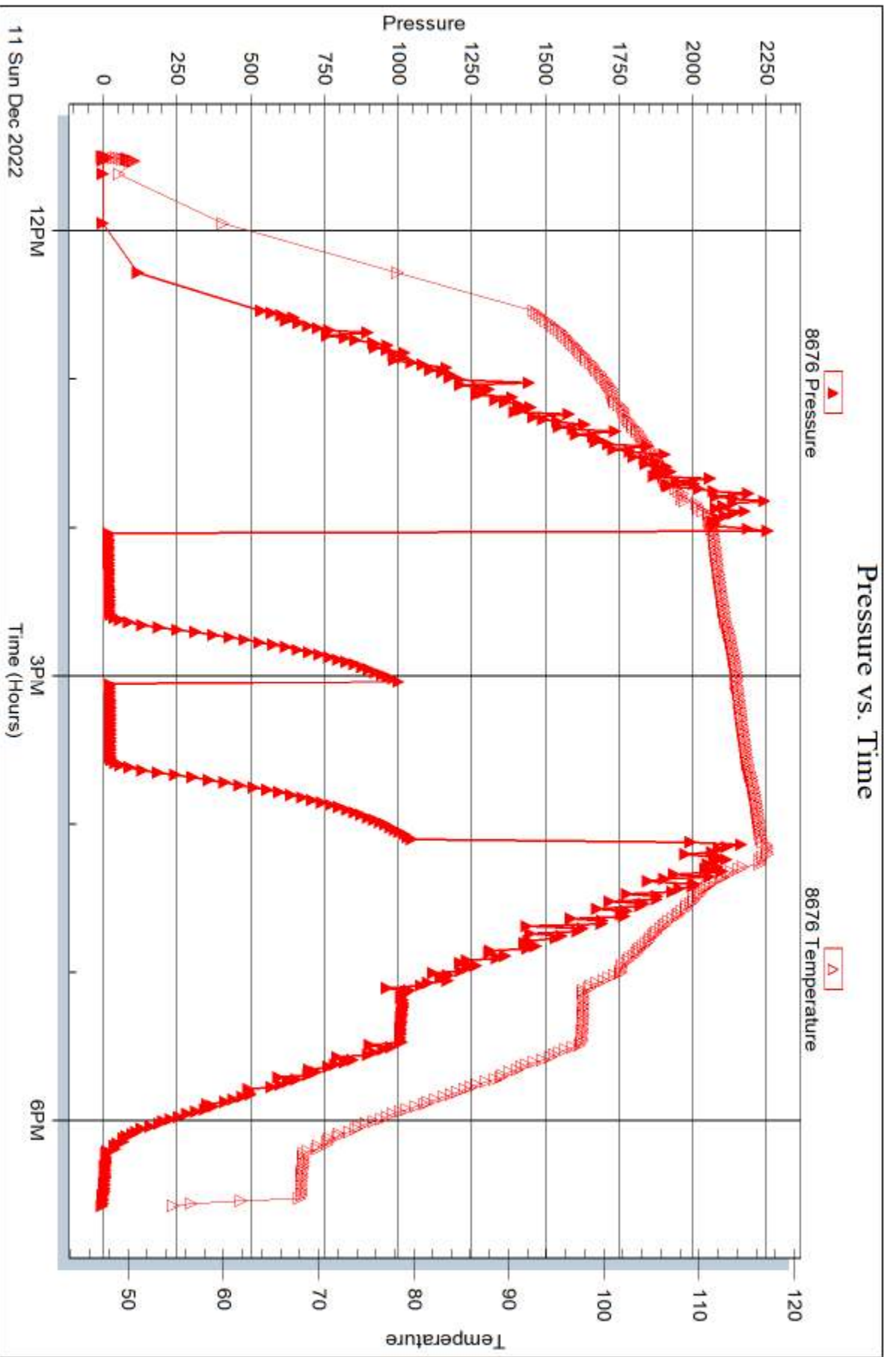
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Inside

Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69728

Printed: 2022.12.15 @ 16:54:10



DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

Starkey Trust #1-34

34-8s-36w Thomas,KS

Start Date: 2022.12.12 @ 05:45:00

End Date: 2022.12.12 @ 14:31:30

Job Ticket #: 69729 DST #: 4

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

Printed: 2022.12.15 @ 16:39:31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

34-8s-36w Thomas,KS
Starkey Trust #1-34
 Job Ticket: 69729 **DST#: 4**
 Test Start: 2022.12.12 @ 05:45:00

GENERAL INFORMATION:

Formation: **KC K&L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:23:45
 Time Test Ended: 14:31:30
 Interval: **4384.00 ft (KB) To 4453.00 ft (KB) (TVD)**
 Total Depth: 4453.00 ft (KB) (TVD)
 Hole Diameter: 7.87 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Nathan Aneas
 Unit No: 71
 Reference Elevations: 3399.00 ft (KB)
 3394.00 ft (CF)
 KB to GR/CF: 5.00 ft

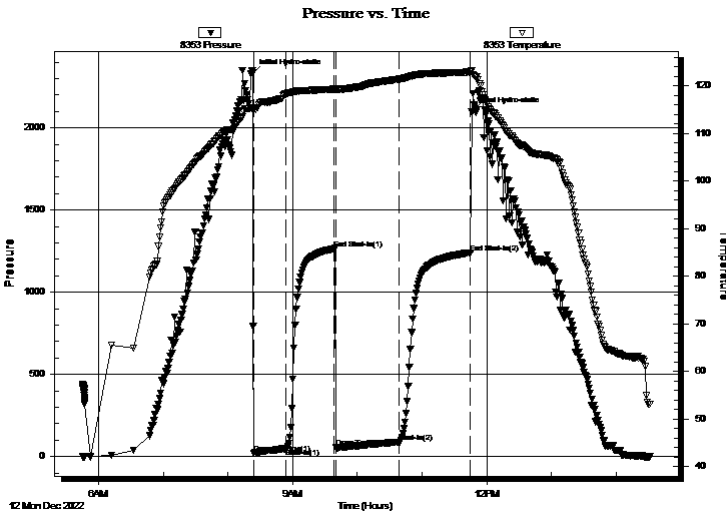
Serial #: 8353

Outside

Press@RunDepth: 89.00 psig @ 4385.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.12.12 End Date: 2022.12.12 Last Calib.: 2022.12.12
 Start Time: 05:45:01 End Time: 14:31:30 Time On Btm: 2022.12.12 @ 08:22:45
 Time Off Btm: 2022.12.12 @ 11:46:00

TEST COMMENT: 30:IF- Weak surface blow , built to 1 3/4" in 10 min, final is 4"
 45:IS- No blow back
 60:FF- Weak surface blow , built to 1 1/4" in 10 min, final is 4 3/4"
 60:FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.33	115.49	Initial Hydro-static
1	20.80	115.06	Open To Flow (1)
31	48.64	118.34	Shut-In(1)
76	1265.00	119.34	End Shut-In(1)
78	55.25	119.19	Open To Flow (2)
136	89.00	121.45	Shut-In(2)
203	1241.01	122.92	End Shut-In(2)
204	2099.96	123.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	SGMCO 60%O 38%M 2%G	0.88

* 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

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69729

DST#: 4

ATTN: Tlm Priest

Test Start: 2022.12.12 @ 05:45:00

Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 59.65 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	4384.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	96.00 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			4362.00	
Hydraulic tool	5.00			4367.00	
EM Tool	4.00			4371.00	
Safety Joint	3.00			4374.00	
Packer	5.00			4379.00	27.00 Bottom Of Top Packer
Packer	5.00			4384.00	
Stubb	1.00			4385.00	
Recorder	0.00	8353	Outside	4385.00	
Recorder	0.00	8676	Inside	4385.00	
Perforations	32.00			4417.00	
Change Over Sub	1.00			4418.00	
Blank Spacing	31.00			4449.00	
Change Over Sub	1.00			4450.00	
Bullnose	3.00			4453.00	69.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69729

DST#: 4

ATTN: Tlm Priest

Test Start: 2022.12.12 @ 05:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
179.00	SGMCO 60%O 38%M 2%G	0.880

Total Length: 179.00 ft

Total Volume: 0.880 bbl

Num Fluid Samples: 0

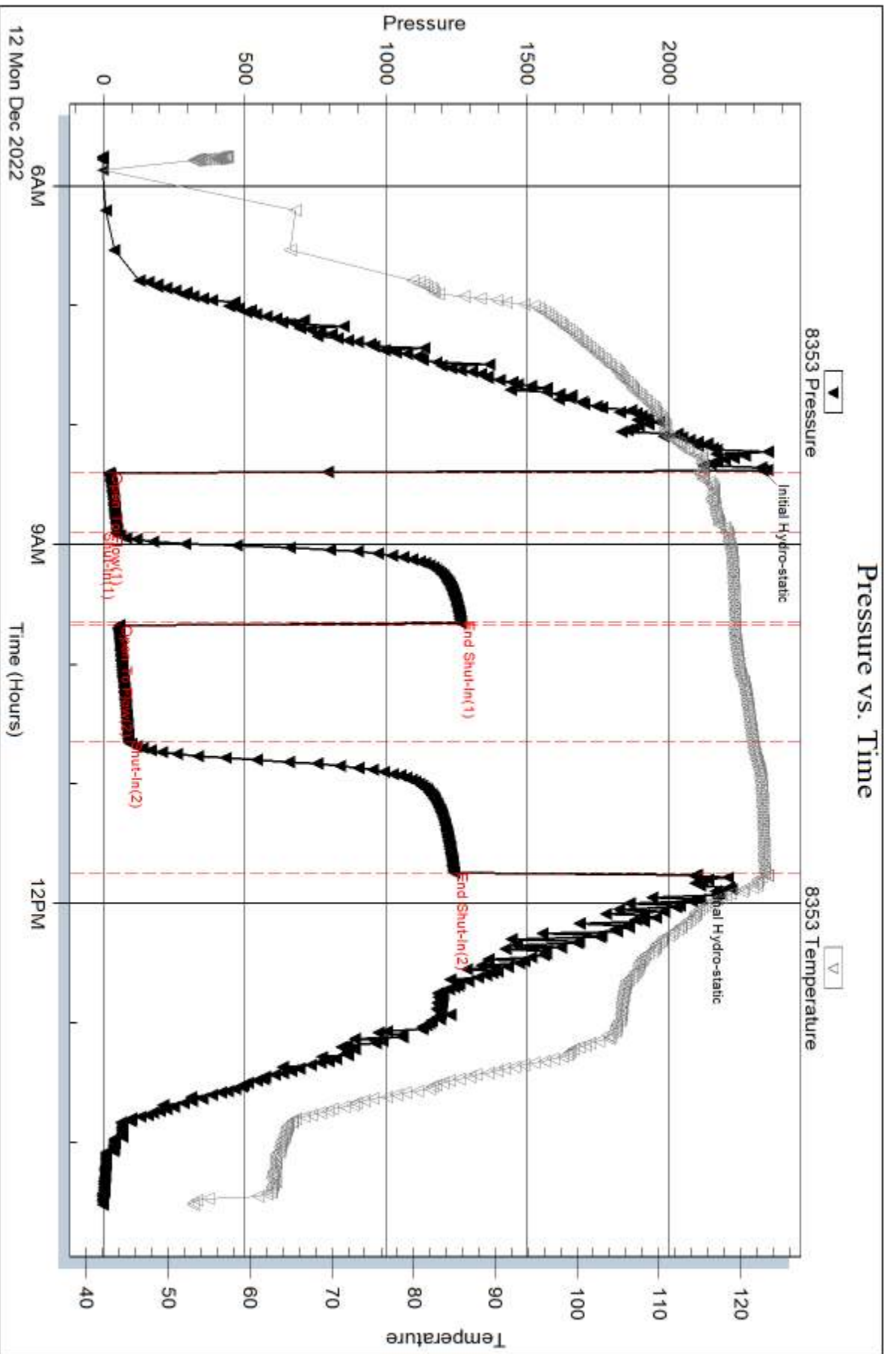
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



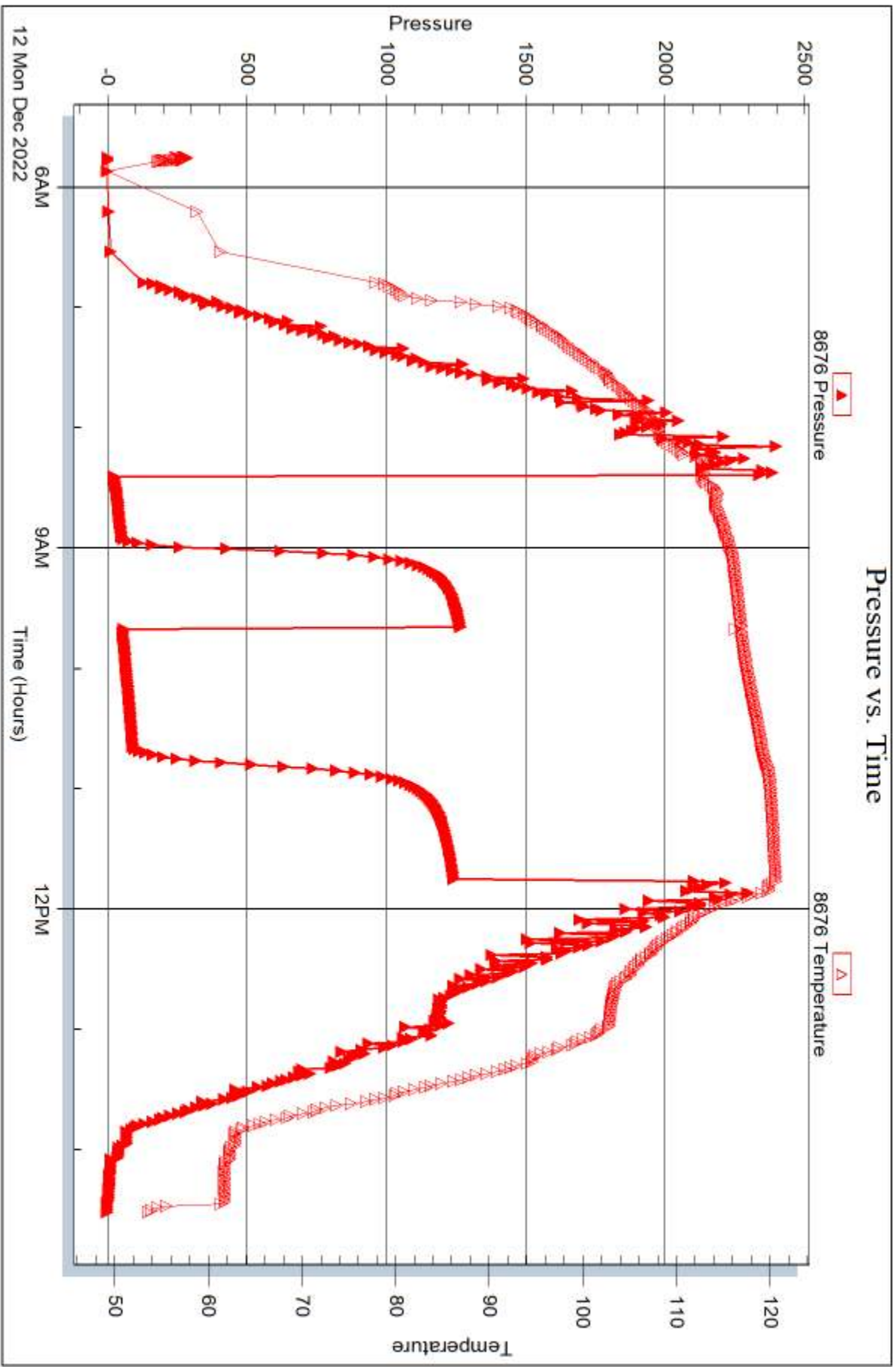
Serial #: 8676

Inside

Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

346 S Lulu St
Wichita, KS 67211

ATTN: Tim Priest

Starkey Trust #1-34

34-8s-36w Thomas,KS

Start Date: 2022.12.13 @ 22:30:00

End Date: 2022.12.14 @ 07:53:00

Job Ticket #: 69730 DST #: 5

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

Printed: 2022.12.15 @ 16:36:27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

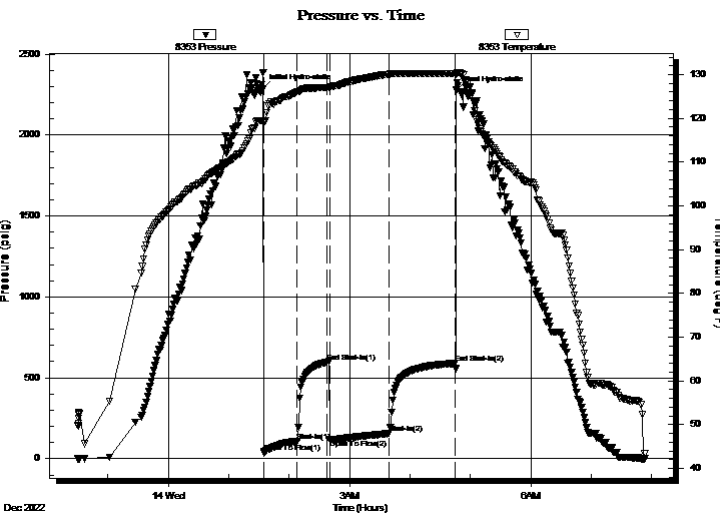
34-8s-36w Thomas,KS
Starkey Trust #1-34
 Job Ticket: 69730 **DST#: 5**
 Test Start: 2022.12.13 @ 22:30:00

GENERAL INFORMATION:

Formation: **Cherokee & Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:34:45
 Time Test Ended: 07:53:00
 Interval: **4650.00 ft (KB) To 4720.00 ft (KB) (TVD)**
 Total Depth: 4720.00 ft (KB) (TVD)
 Hole Diameter: 7.87 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Nathan Aneas
 Unit No: 71
 Reference Elevations: 3399.00 ft (KB)
 3394.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
 Press@RunDepth: 156.05 psig @ 4651.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.12.13 End Date: 2022.12.14 Last Calib.: 2022.12.14
 Start Time: 22:30:01 End Time: 07:53:00 Time On Btm: 2022.12.14 @ 01:33:45
 Time Off Btm: 2022.12.14 @ 04:46:00

TEST COMMENT: 30:IF- Weak surface blow , built to 3/4" in 10 min, final died to 1/2"
 30:IS- No blow back
 60:FF- Weak surface blow , built to 1/4" in 10 min, final is 1/2"
 60:FS- No blow back (Hammering union w as loose on the head manifold)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.47	119.46	Initial Hydro-static
1	37.85	119.12	Open To Flow (1)
34	107.67	125.98	Shut-In(1)
64	597.87	127.05	End Shut-In(1)
67	116.97	127.01	Open To Flow (2)
126	156.05	130.07	Shut-In(2)
191	589.73	130.26	End Shut-In(2)
193	2276.95	130.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	WM 70%M 30%W (oil spots)	0.88
189.00	SGOMCW 55%W 35%M 8%O 2%G	2.65

* 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

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69730

DST#: 5

ATTN: Tlm Priest

Test Start: 2022.12.13 @ 22:30:00

Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 98000.00 lb
			<u>Total Volume: 63.64 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 98000.00 lb
Depth to Top Packer:	4650.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	97.00 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			4628.00	
Hydraulic tool	5.00			4633.00	
EM Tool	4.00			4637.00	
Safety Joint	3.00			4640.00	
Packer	5.00			4645.00	27.00 Bottom Of Top Packer
Packer	5.00			4650.00	
Stubb	1.00			4651.00	
Recorder	0.00	8353	Outside	4651.00	
Recorder	0.00	8676	Inside	4651.00	
Perforations	33.00			4684.00	
Change Over Sub	1.00			4685.00	
Blank Spacing	31.00			4716.00	
Change Over Sub	1.00			4717.00	
Bullnose	3.00			4720.00	70.00 Bottom Packers & Anchor

Total Tool Length: 97.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chizum Oil LLC

34-8s-36w Thomas,KS

346 S Lulu St
Wichita, KS 67211

Starkey Trust #1-34

Job Ticket: 69730

DST#: 5

ATTN: Tlm Priest

Test Start: 2022.12.13 @ 22:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

65000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.25 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
179.00	WM 70%M 30%W (oil spots)	0.880
189.00	SGOMCW 55%W 35%M 8%O 2%G	2.651

Total Length: 368.00 ft

Total Volume: 3.531 bbl

Num Fluid Samples: 0

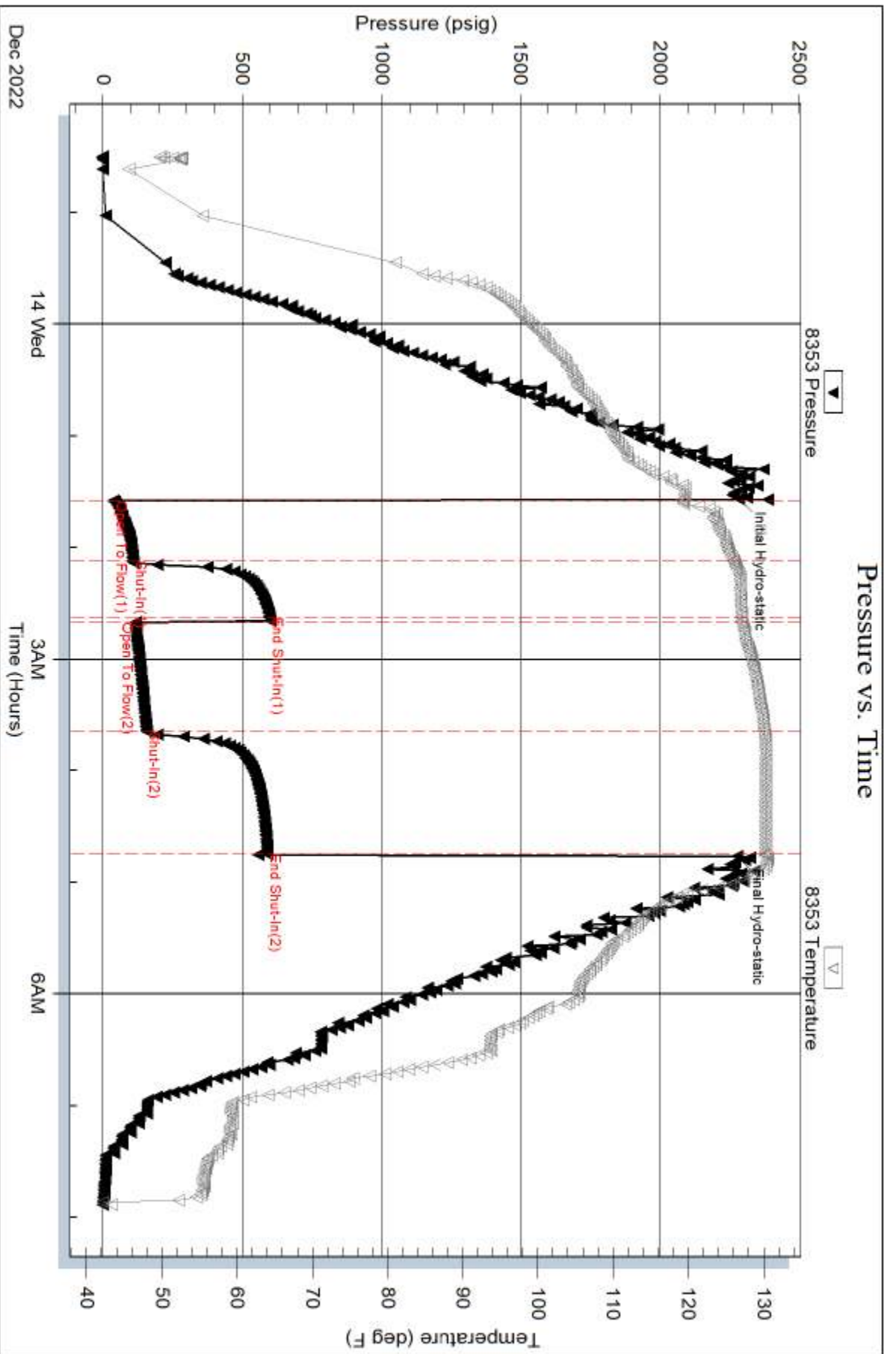
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



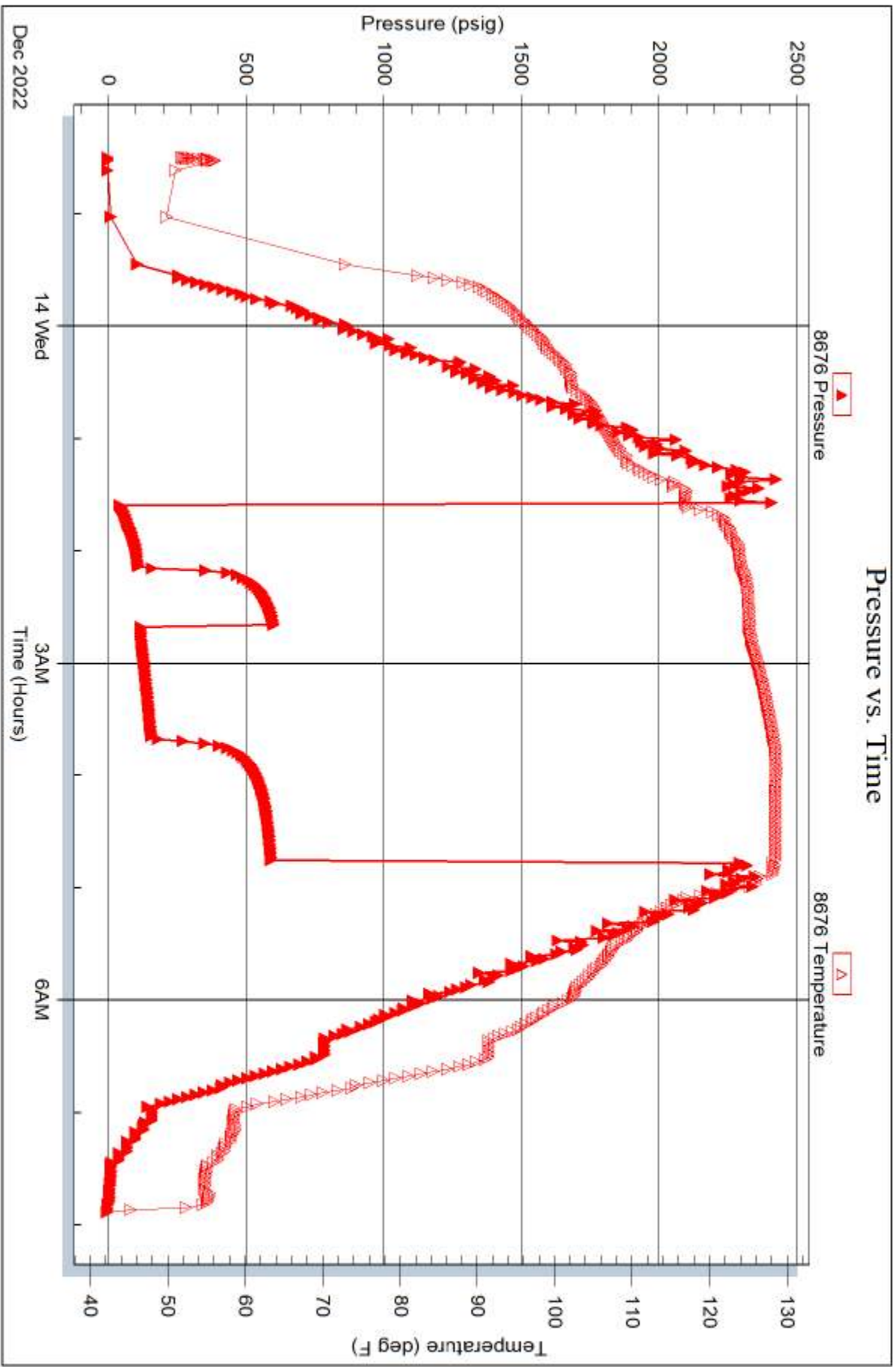
Serial #: 8676

Inside

Chizum Oil LLC

Starkey Trust #1-34

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69726

Well Name & No. Starkey Trust #1-34 Test No. 1 Date 12/09/22
 Company Chizum Oil LLC Elevation 3399 KB 3394 GL
 Address 346 S Lulust Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #3
 Location: Sec. 34 Twp 8 Rge. 36 Co. Thomas State KS

Interval Tested 4136-4230 Zone Tested Lansing A + B
 Anchor Length 94' Drill Pipe Run 3938 Mud Wt. 9.1
 Top Packer Depth 4191 Drill Collars Run 179 Vis 56
 Bottom Packer Depth 4136 Wt. Pipe Run _____ WL 7.2
 Total Depth 4230 Chlorides 3800 ppm System LCM 2#

Blow Description IF - Weak surface blow, built to 2 1/4" in 10 min, Final is 5"
ISI - No blow back
FF - Weak surface blow, built to 2" in 10 min, Final is 5 1/2"
FSI - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>179</u>	<u>MW</u>		<u>80</u>	<u>20</u>	
<u>83</u>	<u>SOMCW</u>		<u>60</u>	<u>39</u>	

Rec Total 262 BHT 120° Gravity _____ API RW 248 @ 38 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 2080 Test 1950 T-On Location 15:50 (Hotel)
 (B) First Initial Flow 21 Jars _____ T-Started 17:35
 (C) First Final Flow 79 Safety Joint _____ T-Open 19:58
 (D) Initial Shut-In 1178 Circ Sub _____ T-Pulled 23:15
 (E) Second Initial Flow 89 Hourly Standby _____ T-Out 01:35
 (F) Second Final Flow 138 Mileage 150RT 72 126
 (G) Final Shut-In 1159 Sampler 23 40.25
 (H) Final Hydrostatic 1929 Straddle _____

EM Tool -175
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Recorder _____
 Extra Copies _____
 Sub Total -175
 Total 2193.25
 Sub Total 2368.25 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. 69727

Well Name & No. Starkey Trust #1-34 Test No. 2 Date 12/10/22
 Company Chizum Oil LLC Elevation 3399 KB 3394 GL
 Address 346 S Lulu St Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 34 Twp 8S Rge. 36W Co. Thomas State KS

Interval Tested 4231-4280 Zone Tested Lansing C-F
 Anchor Length 49' Drill Pipe Run 4033 Mud Wt. 9.1
 Top Packer Depth 4226 Drill Collars Run 179' Vis 71
 Bottom Packer Depth 4231 Wt. Pipe Run _____ WL 8.0
 Total Depth 4280 Chlorides 4,000 ppm System LCM 3#

Blow Description IF-Fair surface blow, BOB in 4min, Final is 4/8"
~~ISI-Weak surface in 15min, built to 1/2" in 25min, Final is 1/2"~~
FF-Fair surface blow, BOB in 5min, Final is 4 3/4"
FSE-Weak surface blow in 8min, built to 1/2" in 30min, Final is 3/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>179</u>	<u>MW (oil in tool)</u>		<u>90</u>	<u>10</u>	
<u>882</u>	<u>SGOMCW</u>	<u>3</u>	<u>6</u>	<u>74</u>	<u>17</u>
<u>126</u>	<u>CO</u>		<u>100</u>		
____	____				
____	____				

Rec Total 1187 BHT 129° Gravity 22@60° API RW 151 @ 36 °F Chlorides 100,000 ppm

(A) Initial Hydrostatic 2112 Test 1950 T-On Location 12:04 (Hotel)
 (B) First Initial Flow 36 Jars _____ T-Started 12:50
 (C) First Final Flow 318 Safety Joint _____ T-Open 15:09
 (D) Initial Shut-In 1239 Circ Sub _____ T-Pulled 17:50
 (E) Second Initial Flow 339 Hourly Standby _____ T-Out 20:30
 (F) Second Final Flow 536 Mileage 40 RT 46rt 80.50 Comments _____
 (G) Final Shut-In 1233 Sampler _____
 (H) Final Hydrostatic 1950 Straddle _____ EM Tool _____

Initial Open 30 Extra Packer _____ Ruined Shale Packer _____
 Initial Shut-In 45 Extra Recorder _____ Ruined Packer _____
 Final Flow 30 Day Standby _____ Sub Total 0
 Final Shut-In 45 Accessibility _____ Total 2280.50
 Sub Total 2280.50 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69728

Well Name & No. Starkey Trust #7-34 Test No. 3 Date 12/11/22
 Company Chizum Oil LLC Elevation 3399 KB 3394 OL
 Address 346 S. Lulu St Witchita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 34 Twp 8S Rge. 36W Co. Thomas State KS

Interval Tested 4336-4395 Zone Tested KC H-J
 Anchor Length 59' Drill Pipe Run 4158 Mud Wt. 9.3
 Top Packer Depth 4331 Drill Collars Run 179 Vis 58
 Bottom Packer Depth 4336 Wt. Pipe Run _____ WL 7.2
 Total Depth 4395 Chlorides 4400 ppm System LCM 3#

Blow Description IF-Weak surface blow, built to 1/4" in 10min, Final is 3/4"
ISF- No blow back
IF-Weak surface blow in 12min, Stayed weak surface for final
ISF- No blow back

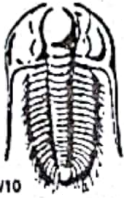
Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 5' BHT 119° Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 2231 Test 1950 T-On Location 10:45 (Hotel)
 (B) First Initial Flow 17 Jars _____ T-Started 11:30
 (C) First Final Flow 21 Safety Joint _____ T-Open 14:01
 (D) Initial Shut-In 996 Circ Sub _____ T-Pulled 16:05
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 18:35
 (F) Second Final Flow 24 Mileage 40 RT 80.50 Comments _____
 (G) Final Shut-In 1032 Sampler _____
 (H) Final Hydrostatic 2097 Straddle _____

Shale Packer 250 EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Extra Copies _____
 Accessibility _____ Sub Total 0
 Sub Total 2280.50 Total 2280.50
 MP/DSF Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69729

Well Name & No. Starkey Trust #1-34 Test No. 4 Date 12/12/22
 Company Chizum Oil LLC Elevation 3399 KB 3394 GL
 Address 346 S. Lulu St Wichita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 34 Twp 8s Rge. 36w Co. Thomas State KS

Interval Tested 4384-4453 Zone Tested KC K+L
 Anchor Length 69' Drill Pipe Run 4190 Mud Wt. 9.3
 Top Packer Depth 4379 Drill Collars Run 179 Vis 59
 Bottom Packer Depth 4384 Wt. Pipe Run _____ WL 9.6
 Total Depth 4453 Chlorides 5000 ppm System LCM 3#

Blow Description IF-Weak surface blow, built to 3/4" in 10 min, Final is 4"
ISF- No blow back
FF- Weak surface blow, built to 1 1/4" in 10 min, Final is 4 3/4"
FSI- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>179</u>	<u>SGMCO</u>	<u>2</u>	<u>60</u>	<u>38</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 179' BHT 122' Gravity 32 @ 60° API RW _____ @ _____ ° F Chlorides _____ ppm

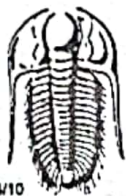
(A) Initial Hydrostatic 2332 Test 1950 T-On Location 04:35 (Hotel)
 (B) First Initial Flow 21 Jars _____ T-Started 05:45
 (C) First Final Flow 49 Safety Joint _____ T-Open 08:23
 (D) Initial Shut-In 1265 Circ Sub _____ T-Pulled 11:45
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 14:30
 (F) Second Final Flow 89 Mileage 40 RT 40.25
 (G) Final Shut-In 1241 Sampler _____ 126
 (H) Final Hydrostatic 2100 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2016.25

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 60

Sub Total 2366.25 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. 69730

Well Name & No. Starkey Trust #1-34 Test No. 5 Date 12/13/22
 Company Chizum Oil LLC Elevation 3399 KB 3394 GL
 Address 346 S. Lulu St Witchita, KS 67211
 Co. Rep / Geo. Tim Priest Rig Murfin #8
 Location: Sec. 34 Twp 8s Rge. 36w Co. Thomas State KS

Interval Tested 4650-4720 Zone Tested Cherokee & Johnson
 Anchor Length 70' Drill Pipe Run 4474 Mud Wt. 9.4
 Top Packer Depth 4645 Drill Collars Run 179 Vis 50
 Bottom Packer Depth 4650 Wt. Pipe Run _____ WL 8.0
 Total Depth 4720 Chlorides 5400 ppm System LCM 3#

Blow Description IF-Weak surface blow, built to 3/4" in 10 min, Final died to 1/2"

ISF- No blow back
FF-Weak surface blow, built to 1/4" in 10 min, Final is 1/2"
FSI- No blow back (Hammering union was loose on the hold manifold)

Rec	Feet of	WM	(Oil spots)	%gas	%oil	30 %water	70 %mud
179'	Feet of	WM	(Oil spots)	%gas	%oil	30 %water	70 %mud
189'	Feet of	SGOMCW		2 %gas	8 %oil	55 %water	35 %mud
Rec	Feet of			%gas	%oil	%water	%mud
Rec	Feet of			%gas	%oil	%water	%mud
Rec	Feet of			%gas	%oil	%water	%mud

Rec Total 368' BHT 130° Gravity 27@60° API RW 248 @ 36 ° F Chlorides 65,000 ppm

(A) Initial Hydrostatic 2285 Test 1950 T-On Location 16:30
 (B) First Initial Flow 38 Jars _____ T-Started 22:30
 (C) First Final Flow 108 Safety Joint _____ T-Open 01:34
 (D) Initial Shut-In 598 Circ Sub _____ T-Pulled 04:45
 (E) Second Initial Flow 117 Hourly Standby _____ T-Out 08:00
 (F) Second Final Flow 156 Mileage 40 RT 252 Comments Used diesel for blow bucket.
 (G) Final Shut-In 590 Sampler _____ *Hammering union was loose
 (H) Final Hydrostatic 2277 Straddle _____ EM Tool -175

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total -175
 Accessibility _____ Total 2277
 Sub Total 2452 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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