

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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#1 Schreck-Wilbur Unit

2,488' FSL & 1,040' FEL

178' N & 50' W of NW NW NE SE Section 18-17S-36W

Wichita County, Kansas

API# 15-203-20382-0000

Elevation: GL: 3,285', KB: 3,293'

Sample Tops			Ref. Well
Anhydrite	2432	+861	+7
B/Anhydrite	2454	+839	+2
Stotler	3553	-260	+6
Heebner	3926	-633	+6
Toronto	3942	-649	+5
Lansing	3973	-680	+4
Muncie	4143	-850	+7
Stark	4244	-951	+6
Hushpukney	4295	-1002	+6
BKC	4336	-1043	+6
Marmaton	4398	-1105	+4
Altamont	4413	-1120	+5
Pawnee	4484	-1191	+10
Myrick	4525	-1232	+2
Ft Scott	4540	-1247	Flat
Cherokee	4565	-1272	+3
Johnson	4659	-1366	+4
Morrow	4722	-1429	+8
Mississippi	4817	-1524	-20
RTD	4900	-1607	



785-953-0222

TICKET NUMBER 2719K-C
 LOCATION Houston P.O.
 FOREMAN Walt Dinkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-11-23		Schreck-Wilbur #1	18	17	36	Wichita	
CUSTOMER		Leoti North to R.O.H. 35 to 14 1/2 S.		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				103	COY D		
CITY		STATE	ZIP CODE	801-851	JONES		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 225' CASING SIZE & WEIGHT 8 3/8 - 23#
 CASING DEPTH 225' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15 to 20'
 DISPLACEMENT 13 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig upon Duke #2, CIP's casing on bottom
Mix 170 sls class A 3% ce - 2% bol, Displace 13 BBL BCR, Show fine
Cement Did Circ
in Call

*Thank You
 Walt & Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	4150.00	4150.00
	70	MILEAGE	7.15	500.30
	7.91	Ten Miles Delivery	125	978.25
	170	Surface Blend II	24.00	4080.00
				6,709.25
		Less 15% Disc		1,006.39
				5,702.86
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Dean Vaughey TITLE Pusher DATE 4-12-23

I acknowledge that the payments 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.



Services, Inc.

TICKET 36023

CHARGE TO: Richie Exploration
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

PAGE 1 OF 2

WELL/PROJECT NO. #1 LEASE Schoock-William Wichita COUNTY/PARISH Wichita STATE KS CITY _____ DATE 4-25-23 OWNER _____
 TICKET TYPE SERVICE CONTRACTOR Dale RIG NAME/NO. #2 SHIPPED VIA ST DELIVERED TO Location ORDER NO. _____
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE long string 5 1/2" WELL PERMIT NO. _____
 REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY. U/M			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.		
575					MILEAGE Truck 112	90	mi		8.00	720.00
578					Pump charge (51500FF) longstring	1	Job		1700.00	1700.00
405					Formation 8 1/2" triple basket shoe	1	ea		1500.00	1500.00
404					Port collar	1	ea		575.11	2600.00
403					Cement Basket	3	ea		575.11	350.00
406					Latex down plug & Baffle	1	ea		575.11	300.00
409					Turbolizer	6	ea		575.11	110.00

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

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

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

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	8530.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	7983.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				#1	16513.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR Frankie Blume APPROVAL _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-25-23 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Richie Exploration		#1		Schrock-Wilburn		longstring 5 1/2"		36023	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	17:30								ON location 5 1/2" 15.5" TD 4900' Set @ 4335' shoe 22,78' PC 2390' Turbo 1, 2, 3, 4, 44, 46 Basket 45, 68, 89
	18:30								start pipe
	20:50								circulate
	21:40					800			set + open triplex shoe
	22:05	4	12						pump mud flush
			20						KCL spacer
	22:15		12						RH 30SK MH 20SK
	22:25	3.5	31			200			mix 125 SKS @ 14.9 ppq.
	22:40								Release plug w/out pump lines
	22:45	6.5	-0-			200			start displacement
			84			400			11 ft pressure
			101			700			Max lift
			102			1700			land plug + hold
	21:10								Wash pump truck
	21:45								Job Complete Thanks! Preston Kirby, John.
									30 SK RH 20 SK MH 125 SK in well 175 SK Std, 2% gel, 10% salt, 1/2% hold 322, 5# gilsonite SK total



CHARGE TO: Ritche Explorations
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET 34920

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Schreck - Wilber</u>	COUNTY/PARISH <u>Wichita</u>	STATE <u>KS</u>	CITY <u>Leoti</u>	DATE <u>5-2-2003</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Express</u>	UNRIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Locantaw</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Post Collar</u>	WELL LOCATION <u>Leoti, 8-N, 2-E</u>				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>1/2-S, W-INTO</u>						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
576		1			MILEAGE			90	MI	8.00	720.00	
576D		1			Pump Charge - Post Collar			1	JOB	1,700.00	1,700.00	
329-8		1			60/40 Pozmix 8% gel			470	SKS	14.00	6,580.00	
275		1			Cotton Seed Hulls			1	SKS	40.00	40.00	
290		1			D-Air			5	gal	42.00	210.00	
276		1			Floccle			125	lbs	4.00	500.00	
581		1			Cement Service Charge			470	SKS	2.00	940.00	
583		1			Drayage			41,760	lbs	1.00	41,760.00	
REMIT PAYMENT TO:					SURVEY		AGREE		UNDISAGREE		PAGE TOTAL	
SWIFT SERVICES, INC.					OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						1	
P.O. BOX 466					WE UNDERSTOOD AND MET YOUR NEEDS?						1	
NESS CITY, KS 67560					OUR SERVICE WAS PERFORMED WITHOUT DELAY?						1	
785-798-2300					WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						1	
					ARE YOU SATISFIED WITH OUR SERVICE?		YES		NO		TOTAL	
					CUSTOMER DID NOT WISH TO RESPOND						13,193.05	

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

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

X

DATE SIGNED 5-2-2003 TIME SIGNED 3:00 A.M. P.M.

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

SWIFT OPERATOR William Fields APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-2-2023 PAGE NO. 1

CUSTOMER Ritchie Exploration WELL NO. #1 LEASE Schreck-Wilbur UNIT PORT COLLAR JOB TYPE TICKET NO. 34920

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION 2 3/8" x 5 1/2"
								PC: 2387
	1226	Ø			✓		1200	P Test BS *Hold* Open PC
	1235	3	3	✓			500	INJ RATE
	1300	3	155	✓			Avg 400	Mix 470 sks of 60/40 Poemix 8% gel @ 12.24 ppg + 1 sk of Hulls → Circ after 15 bbl
	1400	2	0	✓			400	Begin Displacement
		2	.5					*Circulate CMT to surface*
		-	8	✓			250	KO Pump
								Close PC
	1410	Ø	-	✓			1200	P Test on tb *Hold*
	1425							Ⓚ Pull 5 JTs +
		3	25	✓			450	Reverse CLEAN TOH
	1450							Wash up Truck #116
								LOAD Csg
	1530							Job Complete
								470 sks of 60/40 Poemix 8% gel + 1 sk of gel Hulls used * Approx 25 sks to Pit *
								THANKS! Lideon, Tyler, John



DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.17 @ 01:50:00

End Date: 2023.04.17 @ 10:56:00

Job Ticket #: 70214 DST #: 1

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

Printed: 2023.04.28 @ 08:53:46

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 1

Lansing " E-F"

2023.04.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

Job Ticket: 70214

DST#: 1

Test Start: 2023.04.17 @ 01:50:00

GENERAL INFORMATION:

Formation: **Lansing " E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:51:30

Time Test Ended: 10:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 4053.00 ft (KB) To 4094.00 ft (KB) (TVD)

Total Depth: 4094.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3293.00 ft (KB)

3285.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 599.33 psig @ 4054.00 ft (KB)

Start Date: 2023.04.17

End Date: 2023.04.17

Start Time: 01:50:01

End Time: 10:56:00

Capacity: 8000.00 psig

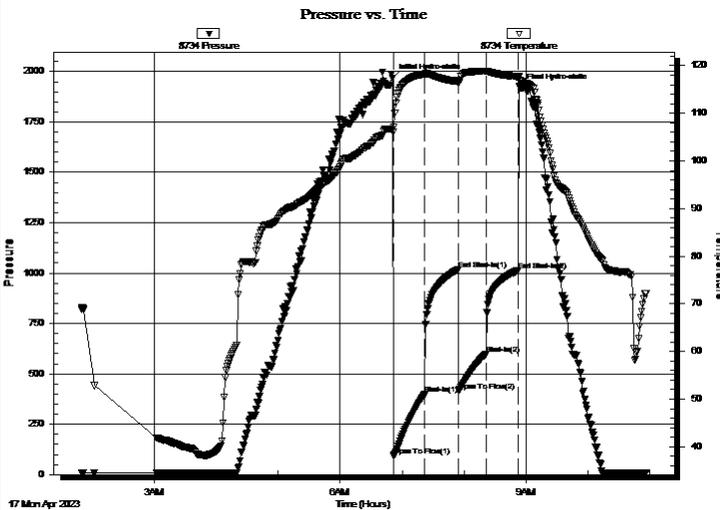
Last Calib.: 2023.04.17

Time On Btm: 2023.04.17 @ 06:51:00

Time Off Btm: 2023.04.17 @ 08:53:50

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 3 mins (blow built to 76")
30-ISI-No return
30-FF-B.O.B @ 5 mins (blow built to 49 1/2")
30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1966.67	106.51	Initial Hydro-static
1	92.40	106.07	Open To Flow (1)
31	397.71	118.21	Shut-In(1)
64	1017.00	116.59	End Shut-In(1)
64	416.23	116.39	Open To Flow (2)
91	599.33	118.83	Shut-In(2)
122	1013.62	117.64	End Shut-In(2)
123	1919.85	116.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
765.00	SW w/Oil scum 3%M, 97%W	10.73
500.00	HMCW w/Oil Scum 35%M 65%W	7.01
0.00	20'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70214

DST#: 1

Test Start: 2023.04.17 @ 01:50:00

Tool Information

Drill Pipe:	Length: 4052.00 ft	Diameter: 3.80 inches	Volume: 56.84 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4053.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4021.00	
Shut In Tool	5.00			4026.00	
Hydraulic tool	5.00	1113		4031.00	
Jars	5.00	01-07		4036.00	
EM Tool	5.00			4041.00	
Safety Joint	3.00	-001		4044.00	
Packer	5.00			4049.00	33.00 Bottom Of Top Packer
Packer	4.00			4053.00	
Stubb	1.00			4054.00	
Recorder	0.00	8959	Inside	4054.00	
Recorder	0.00	8734	Outside	4054.00	
Perforations	2.00			4056.00	
Change Over Sub	1.00			4057.00	
Drill Pipe	31.00			4088.00	
Change Over Sub	1.00			4089.00	
Bullnose	5.00			4094.00	41.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70214

DST#: 1

ATTN: Max Lovely

Test Start: 2023.04.17 @ 01:50:00

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:

16500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
765.00	SW w /Oil scum 3%M, 97%W	10.731
500.00	HMCW w /Oil Scum 35%M 65%W	7.014
0.00	20'GIP	0.000

Total Length: 1265.00 ft Total Volume: 17.745 bbl

Num Fluid Samples: 0

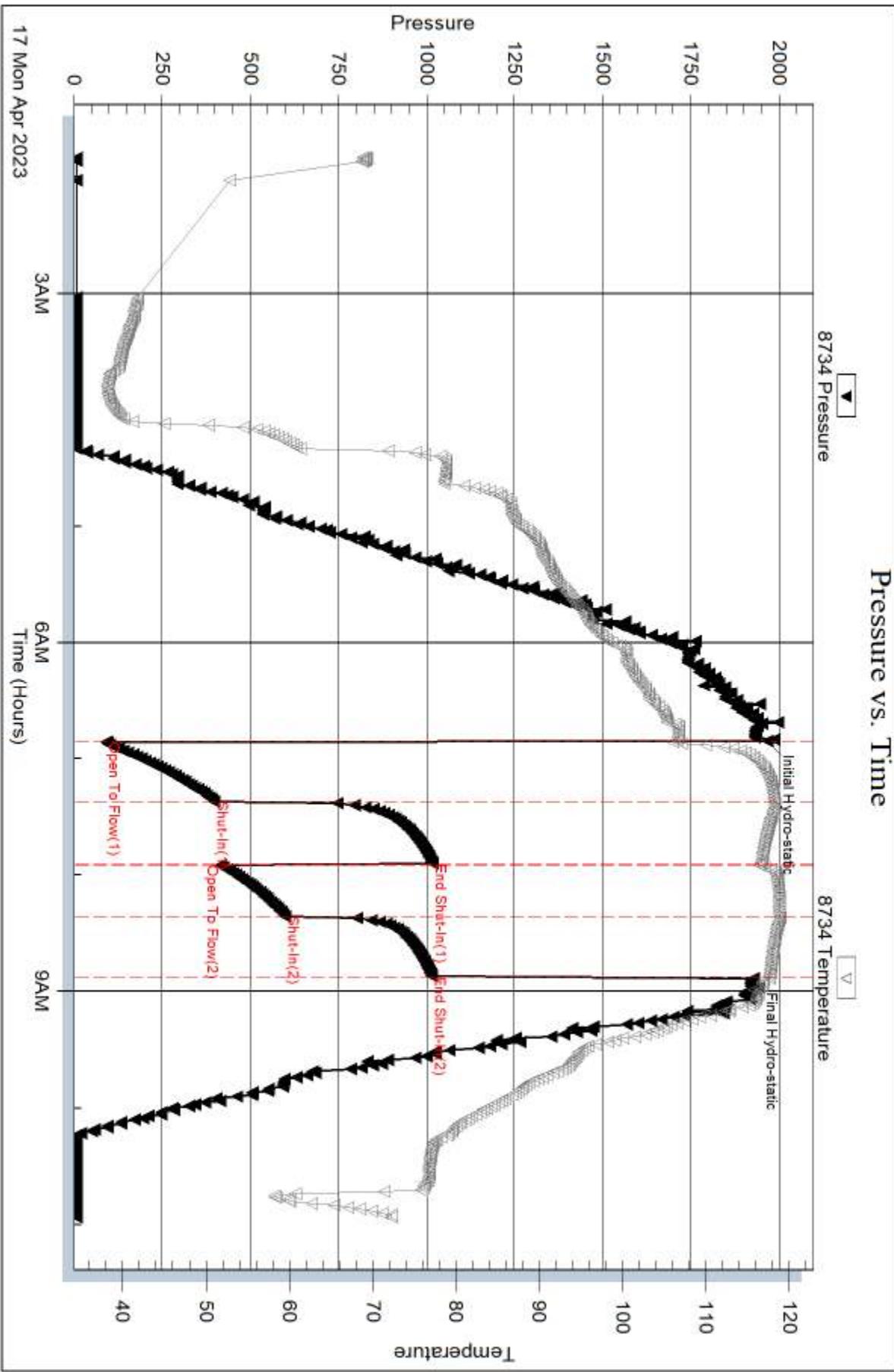
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=. 460 @ 62.5 degs = 16,500 PPM



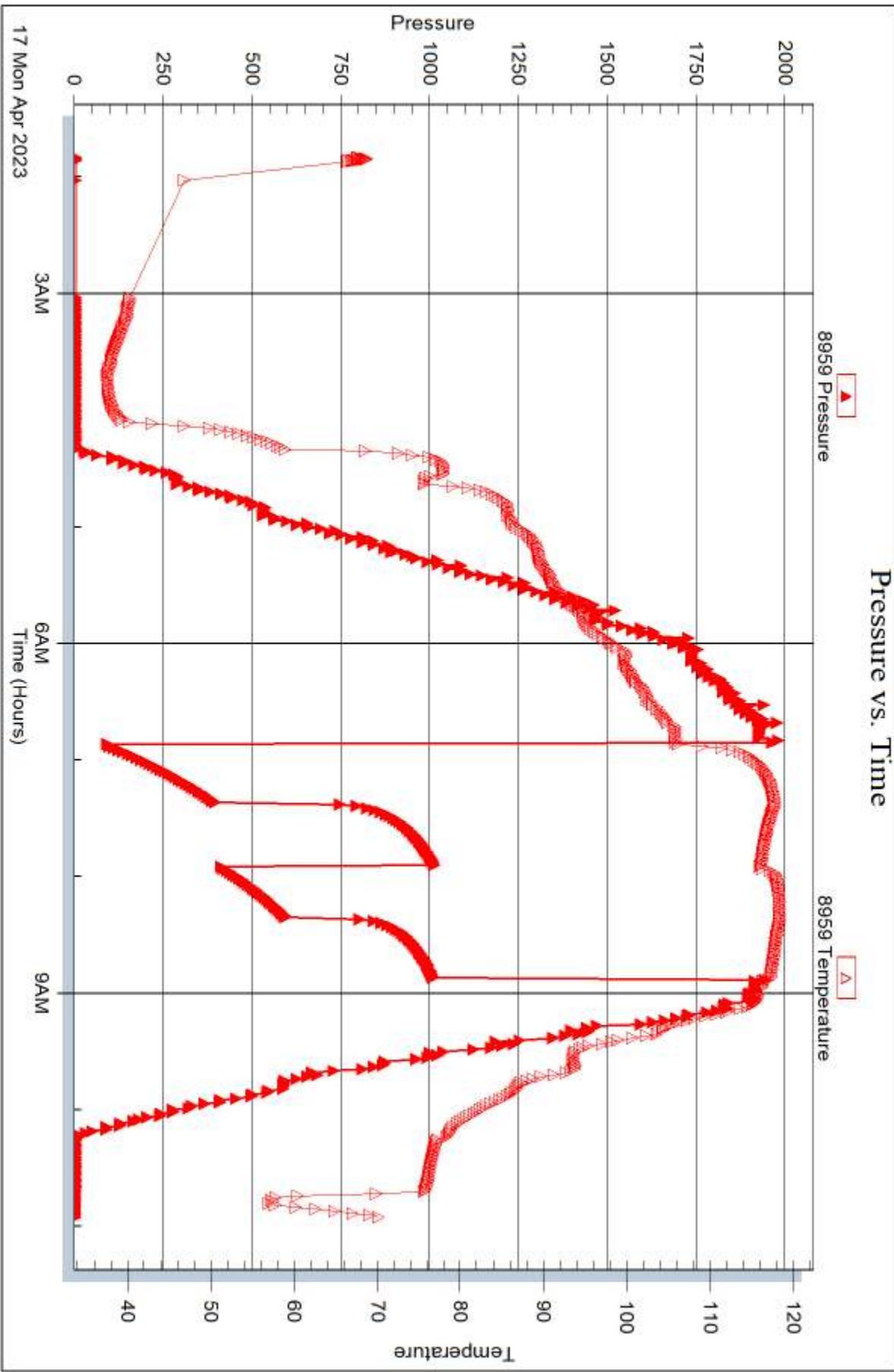
Serial #: 8959

Inside

Richie Exploration Inc

18-17-36W Wichita, KS

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 70214

Printed: 2023.04.28 @ 08:53:47



DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.18 @ 00:17:00

End Date: 2023.04.18 @ 08:37:20

Job Ticket #: 70215 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:49:25

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 2

Lansing " 1 "

2023.04.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

Job Ticket: 70215

DST#: 2

Test Start: 2023.04.18 @ 00:17:00

GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:40:10

Time Test Ended: 08:37:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4179.00 ft (KB) To 4220.00 ft (KB) (TVD)

Total Depth: 4220.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3293.00 ft (KB)

3285.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 197.37 psig @ 4180.00 ft (KB)

Start Date: 2023.04.18

End Date: 2023.04.18

Start Time: 00:17:01

End Time: 08:37:20

Capacity: 8000.00 psig

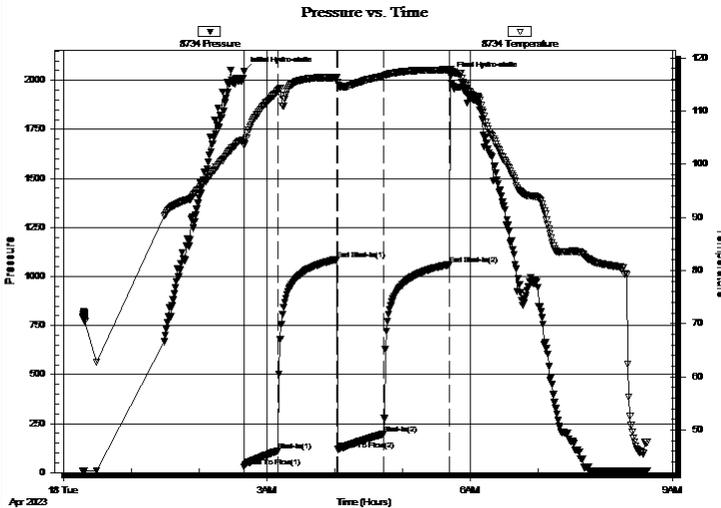
Last Calib.: 2023.04.18

Time On Btm: 2023.04.18 @ 02:40:00

Time Off Btm: 2023.04.18 @ 05:43:00

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 15 mins (blow built to 19 3/4")
45-ISI-Return blow built to 3/4"
45-FF-B.O.B @ 32 mins (blow built to 19 1/4")
60-FSI-Return blow built to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.94	104.58	Initial Hydro-static
1	29.96	103.68	Open To Flow (1)
31	110.78	113.87	Shut-In(1)
83	1087.50	116.27	End Shut-In(1)
83	118.38	115.47	Open To Flow (2)
124	197.37	116.58	Shut-In(2)
182	1061.35	117.75	End Shut-In(2)
183	2024.15	117.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 15%G, 20%O, 65%M	0.91
361.00	CGO 26%G, 74%O	5.06
0.00	270' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70215

DST#: 2

Test Start: 2023.04.18 @ 00:17:00

Tool Information

Drill Pipe:	Length: 4179.00 ft	Diameter: 3.80 inches	Volume: 58.62 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4179.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4147.00	
Shut In Tool	5.00			4152.00	
Hydraulic tool	5.00	1113		4157.00	
Jars	5.00	01-07		4162.00	
EM Tool	5.00			4167.00	
Safety Joint	3.00	-001		4170.00	
Packer	5.00			4175.00	33.00 Bottom Of Top Packer
Packer	4.00			4179.00	
Stubb	1.00			4180.00	
Recorder	0.00	8959	Inside	4180.00	
Recorder	0.00	8734	Outside	4180.00	
Perforations	2.00			4182.00	
Change Over Sub	1.00			4183.00	
Drill Pipe	31.00			4214.00	
Change Over Sub	1.00			4215.00	
Bullnose	5.00			4220.00	41.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70215

DST#: 2

ATTN: Max Lovely

Test Start: 2023.04.18 @ 00:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GOCM 15%G, 20%O, 65%M	0.912
361.00	CGO 26%G, 74%O	5.064
0.00	270' GIP	0.000

Total Length: 426.00 ft Total Volume: 5.976 bbl

Num Fluid Samples: 0

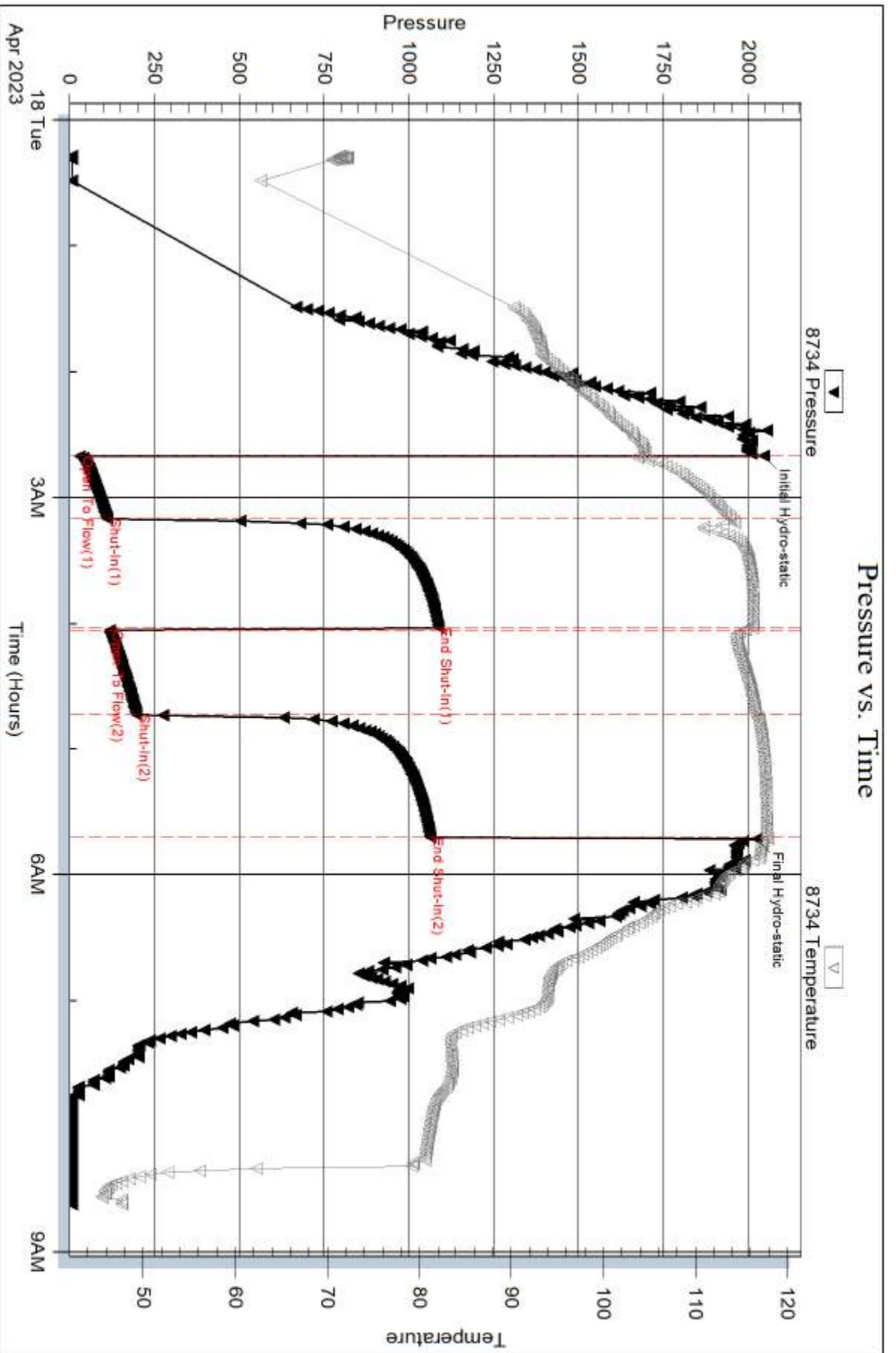
Num Gas Bombs: 0

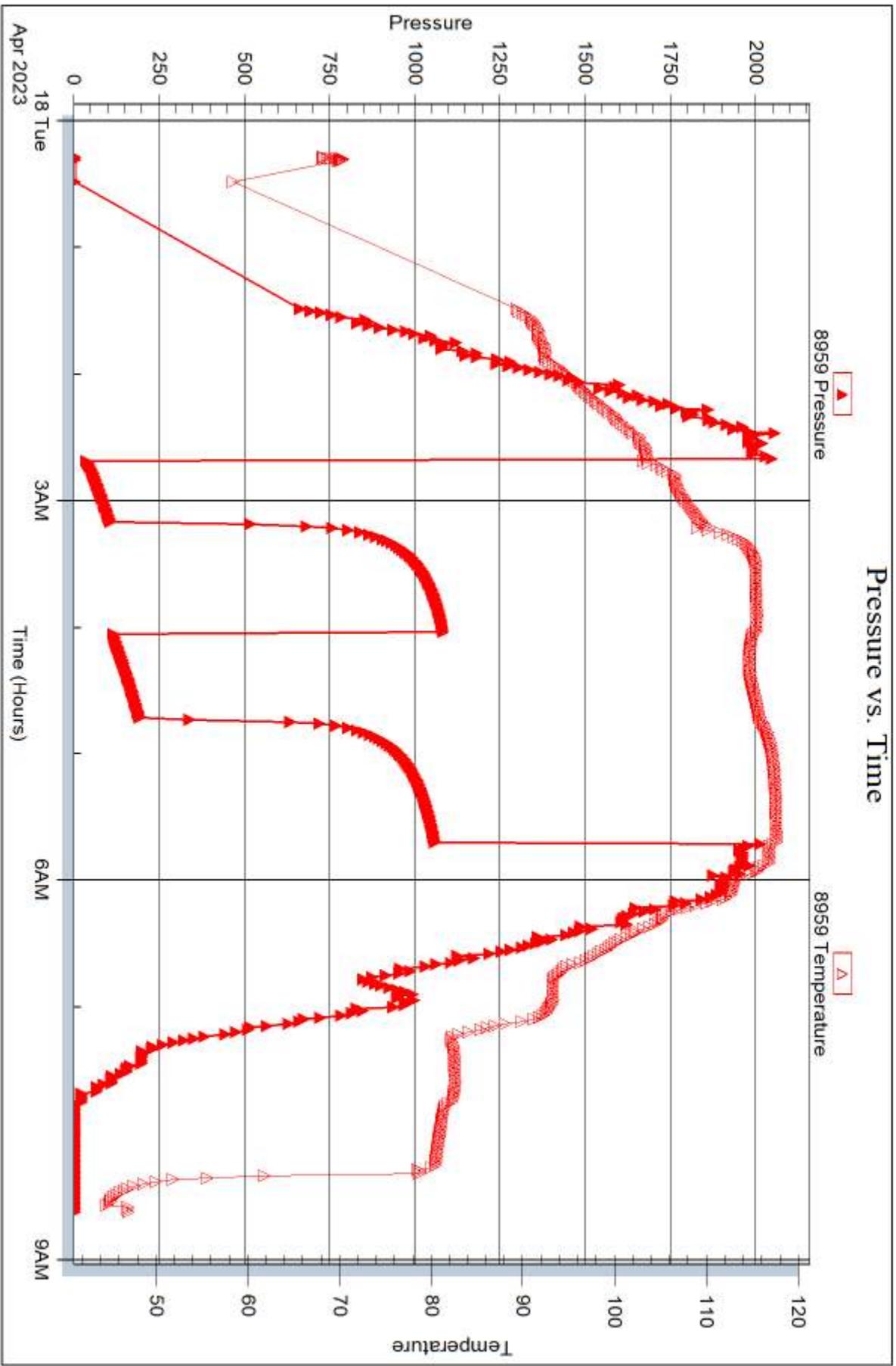
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 22.0 @ 48 degs corrected to 23.2 @ 60 degs







DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.18 @ 15:18:00

End Date: 2023.04.18 @ 22:44:39

Job Ticket #: 70216 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:48:09

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 3

Lansing " J "

2023.04.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc
PO Box 783188
Wichita, KS 67278
ATTN: Max Lovely

Schreck Wilbur Unit #1
18-17-36W Wichita,KS
Job Ticket: 70216 **DST#: 3**
Test Start: 2023.04.18 @ 15:18:00

GENERAL INFORMATION:

Formation: **Lansing " J "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:27:10
Time Test Ended: 22:44:39
Interval: **4222.00 ft (KB) To 4244.00 ft (KB) (TVD)**
Total Depth: 4244.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 3293.00 ft (KB)
3285.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82

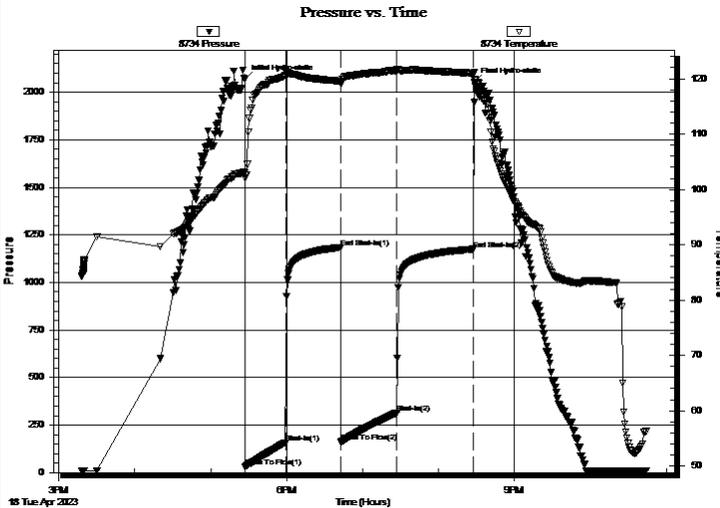
Serial #: 8734

Outside

Press@RunDepth: 315.16 psig @ 4223.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.04.18 End Date: 2023.04.18 Last Calib.: 2023.04.18
Start Time: 15:18:01 End Time: 22:44:40 Time On Btm: 2023.04.18 @ 17:27:00
Time Off Btm: 2023.04.18 @ 20:28:39

TEST COMMENT: 30-IF-B.O.B(11 inches) @ 20 mins (blow built to 14 1/2")
45-ISI-No return
45-FF-B.O.B @ 28 mins (blow built to 13 1/4")
60-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.94	102.95	Initial Hydro-static
1	31.54	102.03	Open To Flow (1)
33	158.16	120.67	Shut-In(1)
76	1183.69	119.54	End Shut-In(1)
76	160.98	119.11	Open To Flow (2)
121	315.16	121.45	Shut-In(2)
181	1175.10	121.00	End Shut-In(2)
182	2053.28	119.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
640.00	OSMCW 2%O, 10%M, 88%W	8.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70216

DST#: 3

Test Start: 2023.04.18 @ 15:18:00

Tool Information

Drill Pipe:	Length: 4211.00 ft	Diameter: 3.80 inches	Volume: 59.07 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4222.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4190.00	
Shut In Tool	5.00			4195.00	
Hydraulic tool	5.00	1113		4200.00	
Jars	5.00	01-07		4205.00	
EM Tool	5.00			4210.00	
Safety Joint	3.00	-001		4213.00	
Packer	5.00			4218.00	33.00 Bottom Of Top Packer
Packer	4.00			4222.00	
Stubb	1.00			4223.00	
Recorder	0.00	8959	Inside	4223.00	
Recorder	0.00	8734	Outside	4223.00	
Perforations	16.00			4239.00	
Bullnose	5.00			4244.00	22.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70216

DST#: 3

ATTN: Max Lovely

Test Start: 2023.04.18 @ 15:18:00

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:

17500 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
640.00	OSMCW 2%O, 10%M, 88%W	8.978

Total Length: 640.00 ft Total Volume: 8.978 bbl

Num Fluid Samples: 0

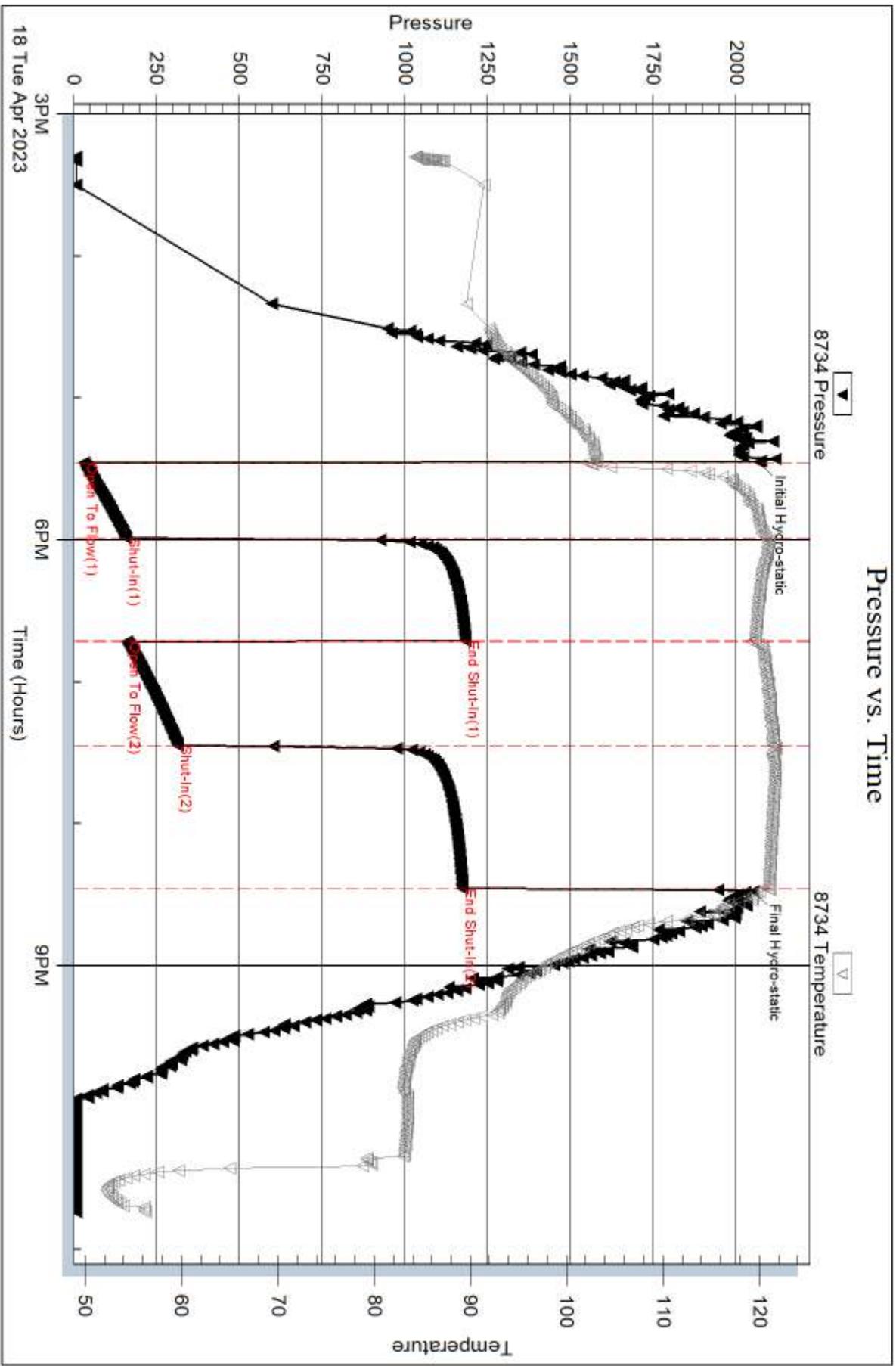
Num Gas Bombs: 0

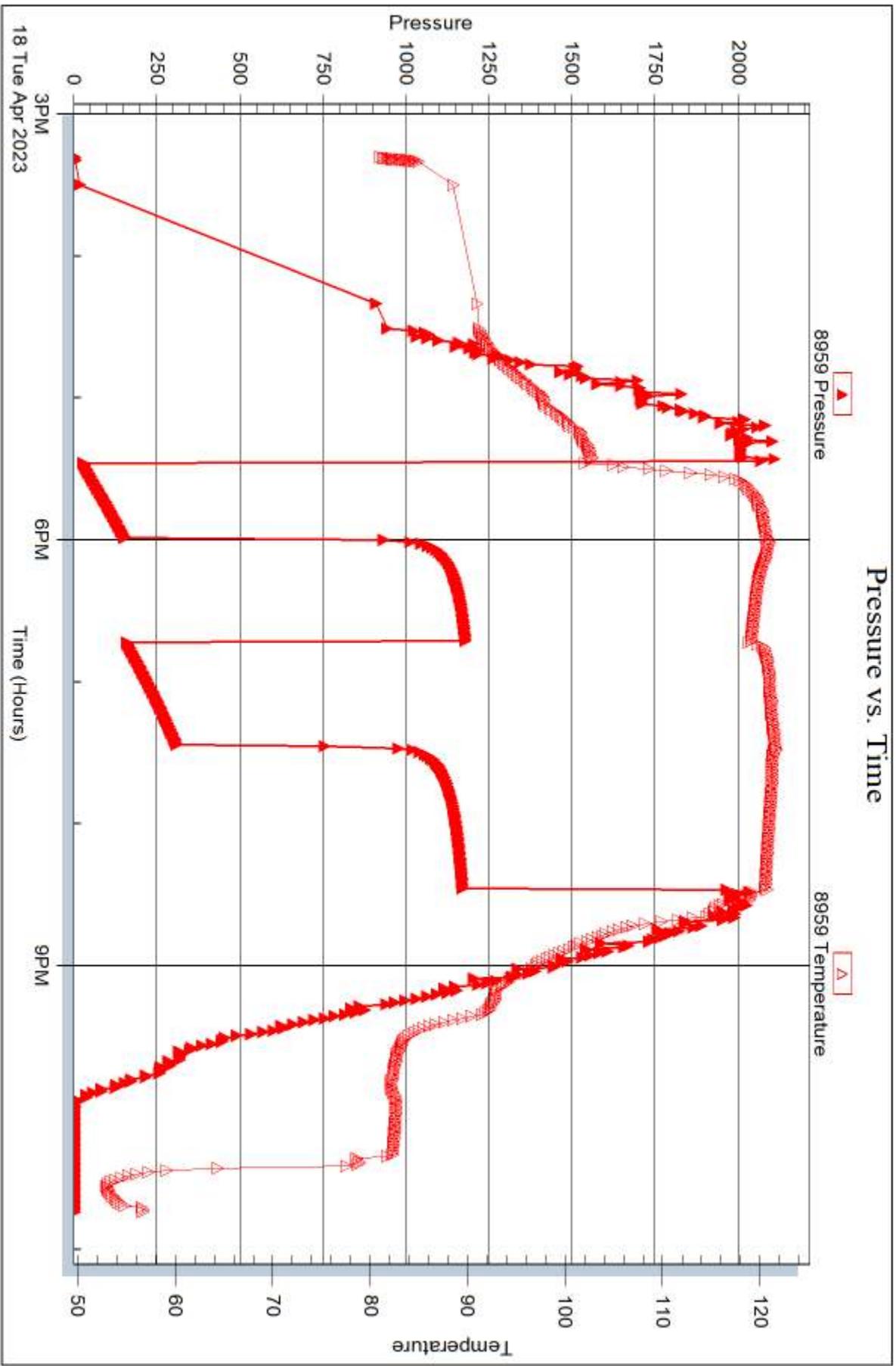
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.470 @ 59.0 degs = 17,500







DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.19 @ 09:15:00

End Date: 2023.04.19 @ 17:17:00

Job Ticket #: 70217 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:47:40

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 4

Lansing " K "

2023.04.19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc
 PO Box 783188
 Wichita, KS 67278
 ATTN: Max Lovely

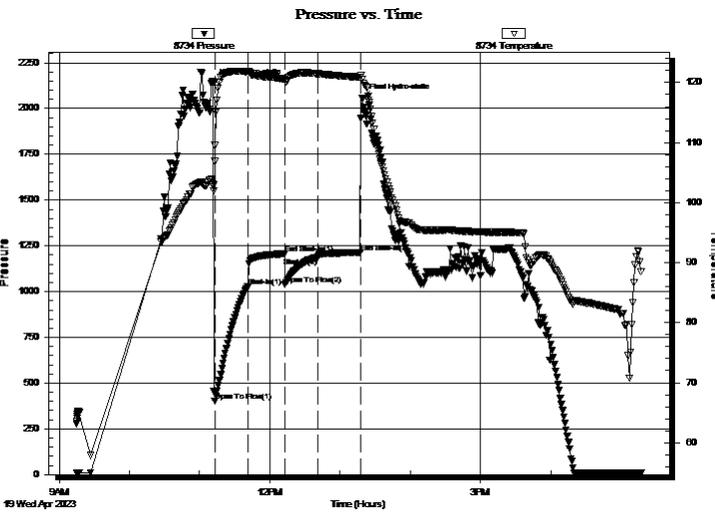
Schreck Wilbur Unit #1
18-17-36W Wichita,KS
 Job Ticket: 70217 **DST#: 4**
 Test Start: 2023.04.19 @ 09:15:00

GENERAL INFORMATION:

Formation: **Lansing " K "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:12:50
 Time Test Ended: 17:17:00
 Interval: **4240.00 ft (KB) To 4284.00 ft (KB) (TVD)**
 Total Depth: 4284.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 3293.00 ft (KB)
 3285.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 1188.12 psig @ 4241.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.19 End Date: 2023.04.19 Last Calib.: 2023.04.19
 Start Time: 09:15:01 End Time: 17:17:00 Time On Btm: 2023.04.19 @ 11:11:50
 Time Off Btm: 2023.04.19 @ 13:19:00

TEST COMMENT: 30-IF-B.O.B (11inches) @ 1 min (blow built to 258 1/2")
 30-ISI-No return
 30-FF-B.O.B @ 4 mins (built to 34" & decreased to 37 3/4")
 30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.90	102.97	Initial Hydro-static
1	399.96	106.86	Open To Flow (1)
30	1027.83	121.88	Shut-In(1)
61	1206.33	120.56	End Shut-In(1)
61	1039.03	120.47	Open To Flow (2)
90	1188.12	121.47	Shut-In(2)
126	1213.32	120.88	End Shut-In(2)
128	2055.22	120.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW w/Oil Scum 20%M, 80%W	1.68
2300.00	Reversed	32.26
0.00	10-45 mins SW w/Oil Scum 1%M, 99%W	0.00
0.00	0-10 mins MCW w/Oil Scum 25%M, 75%W	0.00
230.00	HMCW w/Oil Scum 30%M, 70%W	3.23

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70217

DST#: 4

Test Start: 2023.04.19 @ 09:15:00

Tool Information

Drill Pipe:	Length: 4243.00 ft	Diameter: 3.80 inches	Volume: 59.52 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	36.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4240.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4208.00	
Shut In Tool	5.00			4213.00	
Hydraulic tool	5.00	1113		4218.00	
Jars	5.00	01-07		4223.00	
EM Tool	5.00			4228.00	
Safety Joint	3.00	-001		4231.00	
Packer	5.00			4236.00	33.00 Bottom Of Top Packer
Packer	4.00			4240.00	
Stubb	1.00			4241.00	
Recorder	0.00	8959	Inside	4241.00	
Recorder	0.00	8734	Outside	4241.00	
Perforations	5.00			4246.00	
Change Over Sub	1.00			4247.00	
Drill Pipe	31.00			4278.00	
Change Over Sub	1.00			4279.00	
Bullnose	5.00			4284.00	44.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70217

DST#: 4

ATTN: Max Lovely

Test Start: 2023.04.19 @ 09:15:00

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:

11000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCW w/Oil Scum 20%M, 80%W	1.683
2300.00	Reversed	32.263
0.00	10-45 mins SW w/Oil Scum 1%M, 99%W	0.000
0.00	0-10 mins MCW w/Oil Scum 25%M, 75%W	0.000
230.00	HMCW w/Oil Scum 30%M, 70%W	3.226

Total Length: 2650.00 ft Total Volume: 37.172 bbl

Num Fluid Samples: 0

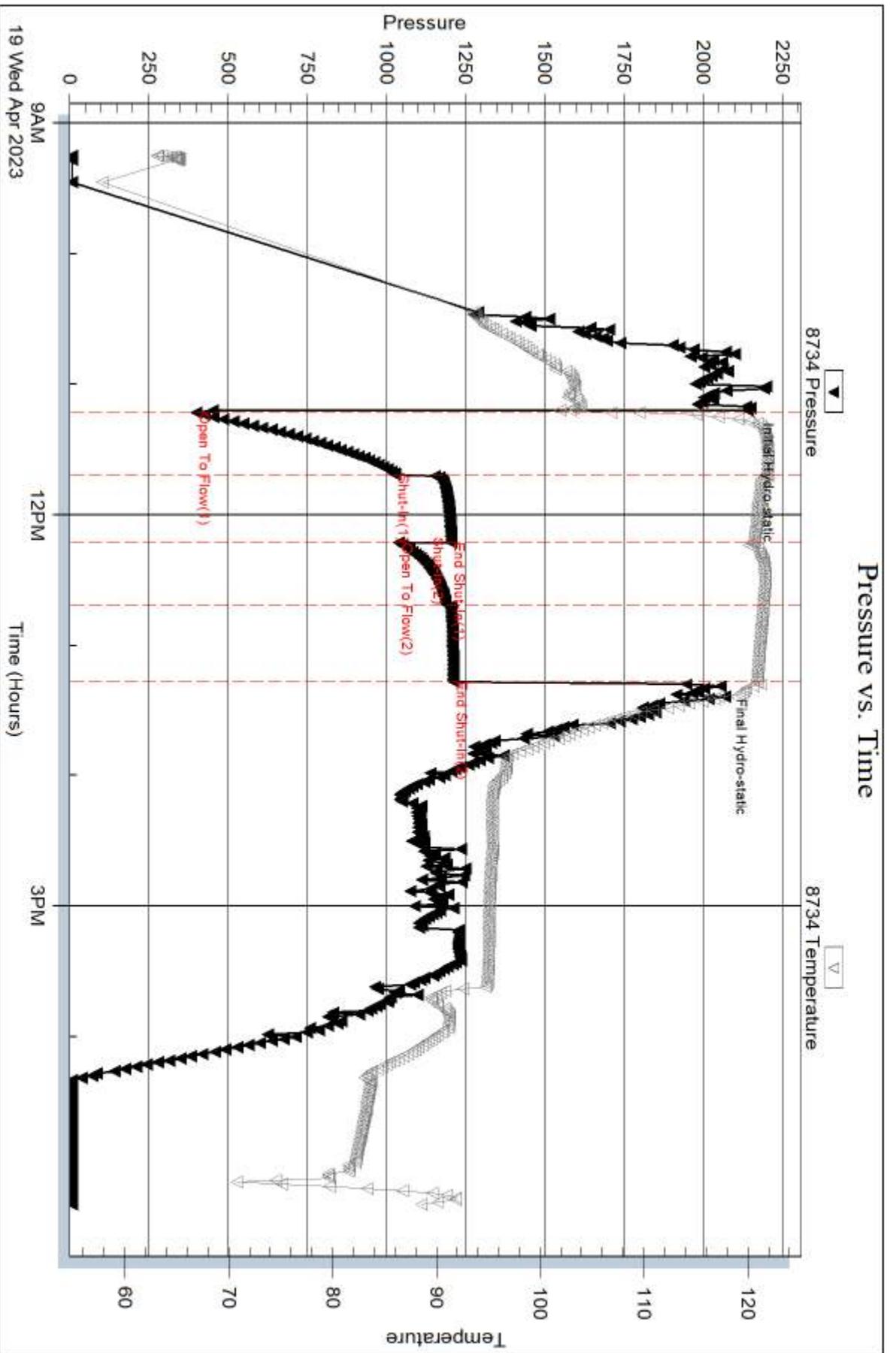
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .550 @ 73.2 degs= 11,000PPM





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.20 @ 08:48:00

End Date: 2023.04.20 @ 15:53:09

Job Ticket #: 70218 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:47:09

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 5

Pleasanton

2023.04.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc
PO Box 783188
Wichita, KS 67278
ATTN: Max Lovely

Schreck Wilbur Unit #1
18-17-36W Wichita,KS
Job Ticket: 70218 **DST#: 5**
Test Start: 2023.04.20 @ 08:48:00

GENERAL INFORMATION:

Formation: **Pleasanton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:52:20
Time Test Ended: 15:53:09
Interval: **4332.00 ft (KB) To 4349.00 ft (KB) (TVD)**
Total Depth: 4349.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 3293.00 ft (KB)
3285.00 ft (CF)
KB to GR/CF: 8.00 ft

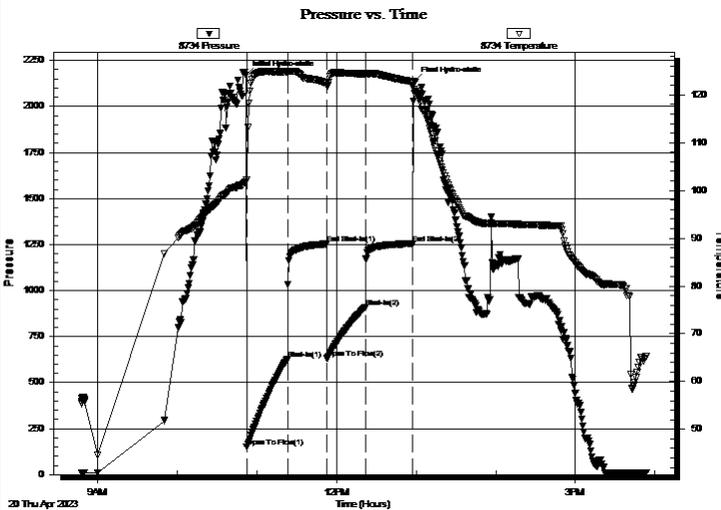
Serial #: 8734

Outside

Press@RunDepth: 909.60 psig @ 4333.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.04.20 End Date: 2023.04.20 Last Calib.: 2023.04.20
Start Time: 08:48:01 End Time: 15:53:10 Time On Btm: 2023.04.20 @ 10:51:40
Time Off Btm: 2023.04.20 @ 12:58:30

TEST COMMENT: 30-IF-B.O.B (11inches) @ 2 mins (blow built to 120 1/2")
30-ISI-No return
30-FF-B.O.B @ 5 mins (blow built to 70")
30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.33	101.82	Initial Hydro-static
1	150.52	102.26	Open To Flow (1)
32	627.27	124.76	Shut-In(1)
61	1253.19	122.42	End Shut-In(1)
62	630.82	122.07	Open To Flow (2)
91	909.60	124.38	Shut-In(2)
126	1255.17	122.72	End Shut-In(2)
127	2137.98	121.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW w/Oil scum 25%M, 75%W	1.68
1730.00	Reversed	24.27
0.00	3-10 mins SW w/Oil scum 2%M,98%W	0.00
0.00	0-3 mins MCW w/Oil scum 28%M,72%W	0.00
100.00	MCW w/Oil scum 30%M, 70%W	1.40

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70218

DST#: 5

Test Start: 2023.04.20 @ 08:48:00

Tool Information

Drill Pipe:	Length: 4306.00 ft	Diameter: 3.80 inches	Volume: 60.40 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4332.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4300.00	
Shut In Tool	5.00			4305.00	
Hydraulic tool	5.00	1113		4310.00	
Jars	5.00	01-07		4315.00	
EM Tool	5.00			4320.00	
Safety Joint	3.00	-001		4323.00	
Packer	5.00			4328.00	33.00 Bottom Of Top Packer
Packer	4.00			4332.00	
Stubb	1.00			4333.00	
Recorder	0.00	8959	Inside	4333.00	
Recorder	0.00	8734	Outside	4333.00	
Perforations	11.00			4344.00	
Bullnose	5.00			4349.00	17.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70218

DST#: 5

ATTN: Max Lovely

Test Start: 2023.04.20 @ 08:48:00

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:

52000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCW w /Oil scum 25%M, 75%W	1.683
1730.00	Reversed	24.267
0.00	3-10 mins SW w /Oil scum 2%M,98%W	0.000
0.00	0-3 mins MCW w /Oil scum 28%M,72%W	0.000
100.00	MCW w /Oil scum 30%M, 70%W	1.403

Total Length: 1950.00 ft Total Volume: 27.353 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

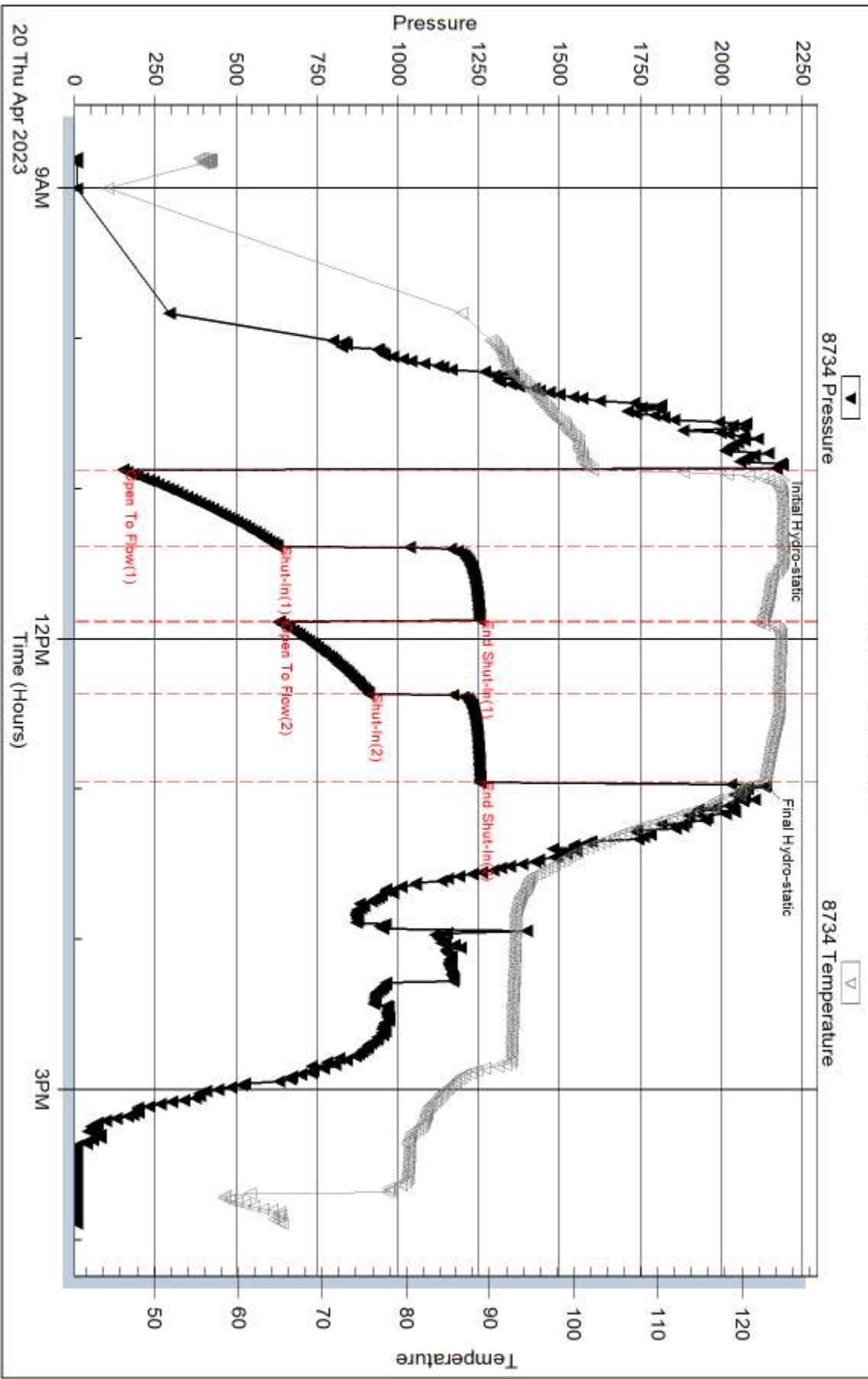
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .167 @ 65.0 degs = 52,000 PPM

Pressure vs. Time



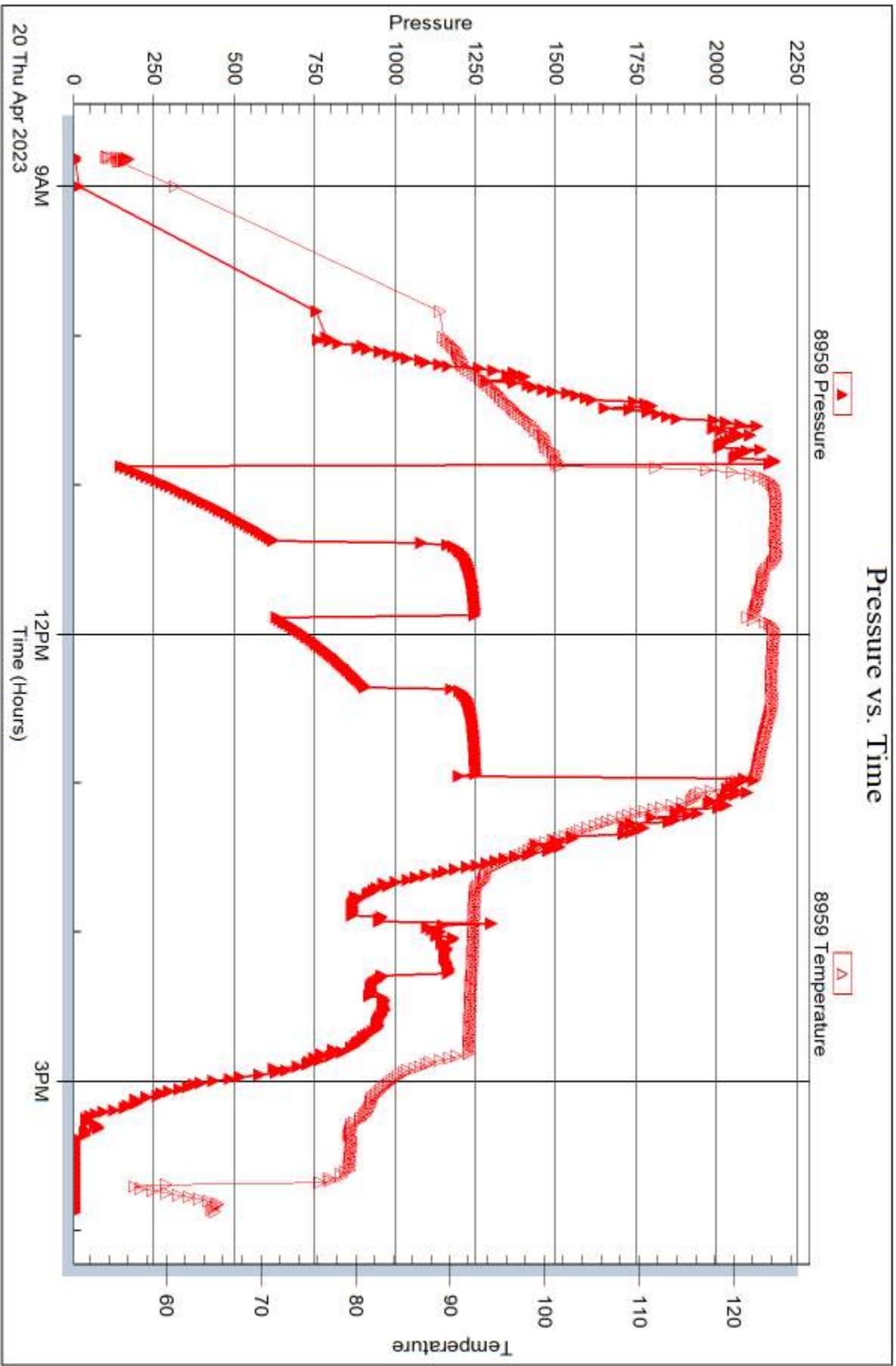
Serial #: 8959

Inside

Ritchie Exploration Inc

18-17-36W Wichita, KS

DST Test Number: 5



Tribble Testing, Inc

Ref. No: 70218

Printed: 2023.04.28 @ 08:47:10



DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.21 @ 06:55:00

End Date: 2023.04.21 @ 12:17:20

Job Ticket #: 70219 DST #: 6

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

Printed: 2023.04.28 @ 08:46:34

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 6

Altamont " A "

2023.04.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ritchie Exploration Inc
 PO Box 783188
 Wichita, KS 67278
 ATTN: Max Lovely

Schreck Wilbur Unit #1
18-17-36W Wichita,KS
 Job Ticket: 70219 **DST#: 6**
 Test Start: 2023.04.21 @ 06:55:00

GENERAL INFORMATION:

Formation: **Altamont " A "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:32:40
 Time Test Ended: 12:17:20
 Interval: **4399.00 ft (KB) To 4438.00 ft (KB) (TVD)**
 Total Depth: 4438.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 3293.00 ft (KB)
 3285.00 ft (CF)
 KB to GR/CF: 8.00 ft

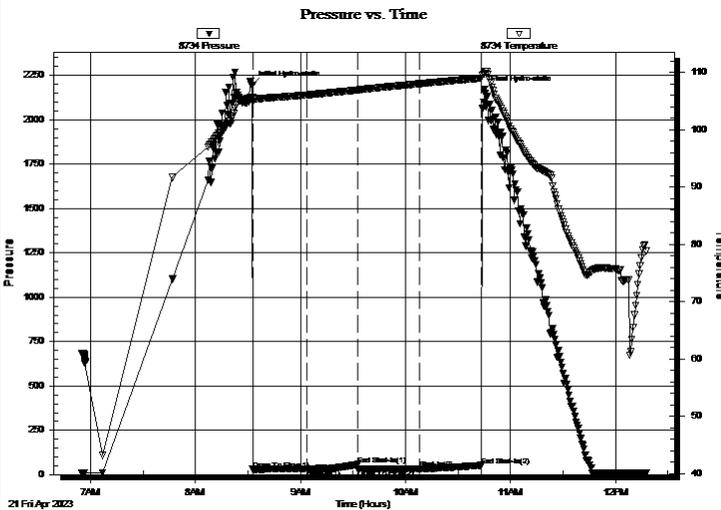
Serial #: 8734

Outside

Press@RunDepth: 31.42 psig @ 4400.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.21 End Date: 2023.04.21 Last Calib.: 2023.04.21
 Start Time: 06:55:01 End Time: 12:17:20 Time On Btm: 2023.04.21 @ 08:32:30
 Time Off Btm: 2023.04.21 @ 10:45:00

TEST COMMENT: 30-IF-Blow built to 1/4"
 30-ISI-No return
 30-FF-No blow
 30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.19	105.73	Initial Hydro-static
1	29.36	104.90	Open To Flow (1)
31	30.99	106.11	Shut-In(1)
60	57.61	106.97	End Shut-In(1)
61	30.99	106.97	Open To Flow (2)
96	31.42	108.07	Shut-In(2)
131	51.83	109.05	End Shut-In(2)
133	2169.17	109.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil spots 100%M	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70219

DST#: 6

Test Start: 2023.04.21 @ 06:55:00

Tool Information

Drill Pipe:	Length: 4401.00 ft	Diameter: 3.80 inches	Volume: 61.73 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 61.73 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4399.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	72.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

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

Change Over Sub	1.00			4367.00	
Shut In Tool	5.00			4372.00	
Hydraulic tool	5.00	1113		4377.00	
Jars	5.00	01-07		4382.00	
EM Tool	5.00			4387.00	
Safety Joint	3.00	-001		4390.00	
Packer	5.00			4395.00	33.00 Bottom Of Top Packer
Packer	4.00			4399.00	
Stubb	1.00			4400.00	
Recorder	0.00	8959	Inside	4400.00	
Recorder	0.00	8734	Outside	4400.00	
Perforations	33.00			4433.00	
Bullnose	5.00			4438.00	39.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70219

DST#: 6

ATTN: Max Lovely

Test Start: 2023.04.21 @ 06:55:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil spots 100%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

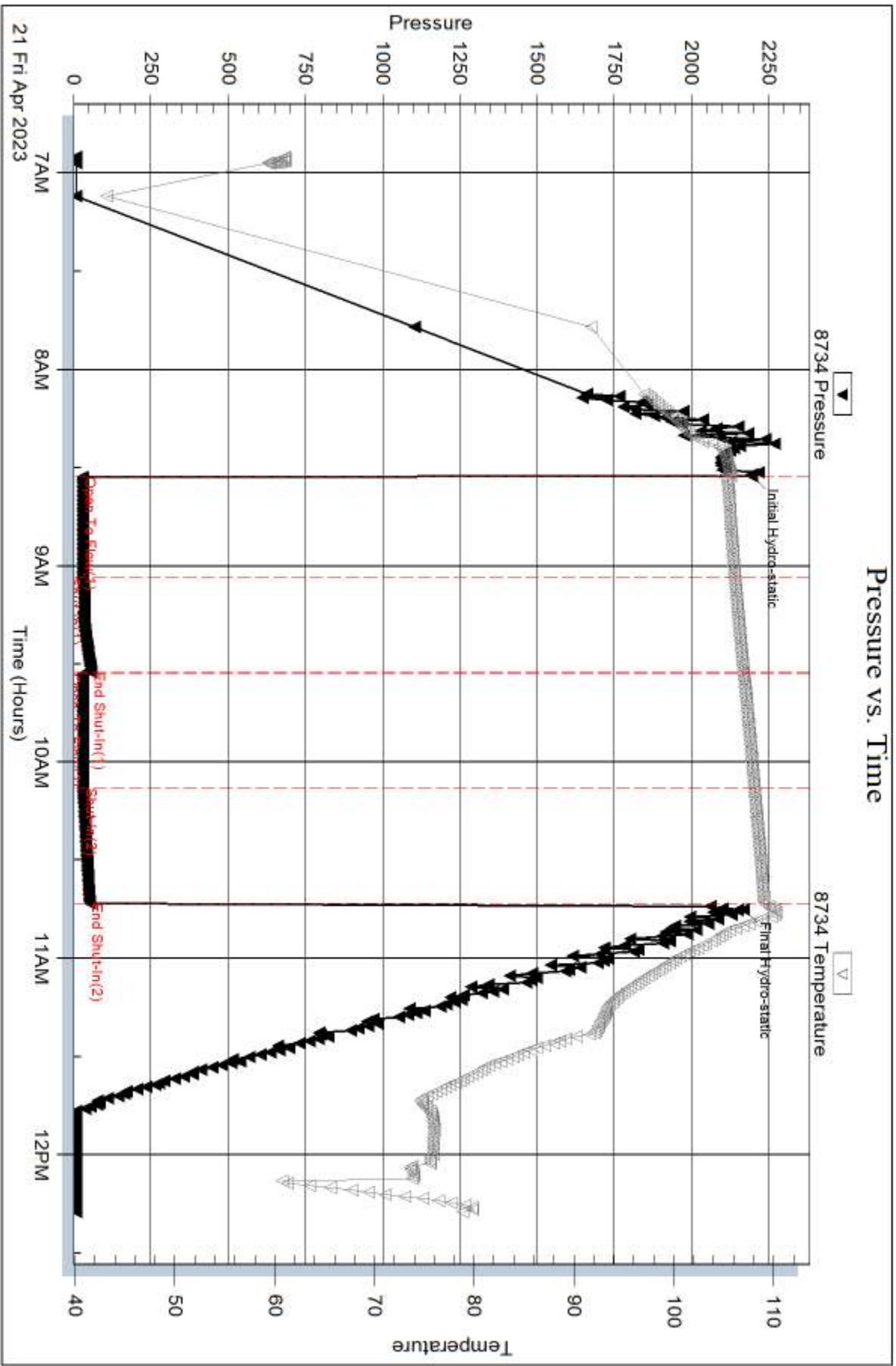
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



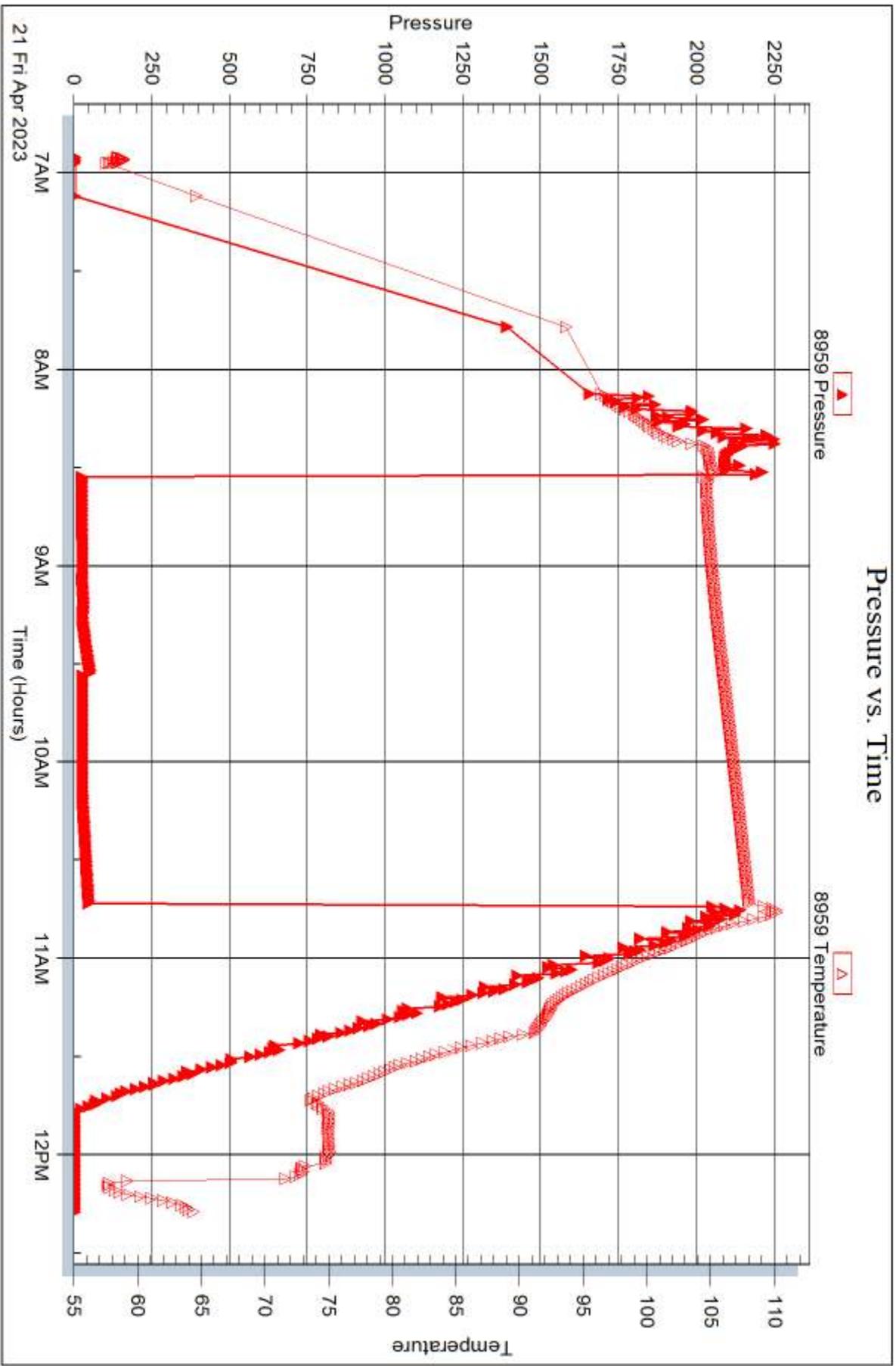
Serial #: 8959

Inside

Richie Exploration Inc

18-17-36W Wichita, KS

DST Test Number: 6





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.21 @ 20:56:00

End Date: 2023.04.22 @ 03:56:09

Job Ticket #: 70220 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:46:03

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 7

Altamont " B "

2023.04.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

Job Ticket: 70220

DST#: 7

Test Start: 2023.04.21 @ 20:56:00

GENERAL INFORMATION:

Formation: **Altamont " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:41:40

Time Test Ended: 03:56:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4436.00 ft (KB) To 4466.00 ft (KB) (TVD)

Reference Elevations: 3293.00 ft (KB)

Total Depth: 4466.00 ft (KB) (TVD)

3285.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 28.52 psig @ 4437.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.04.21

End Date:

2023.04.22

Last Calib.:

2023.04.22

Start Time: 20:56:01

End Time:

03:56:10

Time On Btm:

2023.04.21 @ 22:41:30

Time Off Btm:

2023.04.22 @ 01:44:20

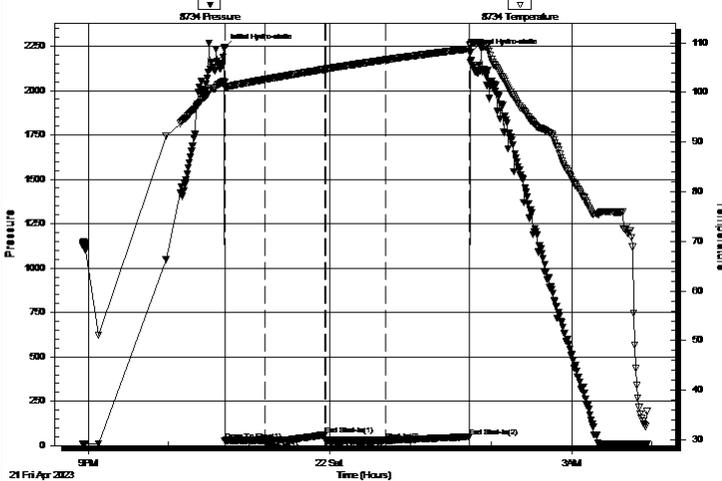
TEST COMMENT: 30-IF-Blow built to 3/4"

30-ISI-No return

30-FF-No blow

30-FSI-No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2240.12	102.03	Initial Hydro-static
1	28.21	101.10	Open To Flow (1)
31	29.11	102.62	Shut-In(1)
75	61.34	104.69	End Shut-In(1)
76	27.02	104.69	Open To Flow (2)
121	28.52	106.58	Shut-In(2)
183	49.67	108.78	End Shut-In(2)
183	2213.21	109.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil Spots 100% M	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70220

DST#: 7

Test Start: 2023.04.21 @ 20:56:00

Tool Information

Drill Pipe:	Length: 4433.00 ft	Diameter: 3.80 inches	Volume: 62.18 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 62.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4436.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4404.00	
Shut In Tool	5.00			4409.00	
Hydraulic tool	5.00	1113		4414.00	
Jars	5.00	01-07		4419.00	
EM Tool	5.00			4424.00	
Safety Joint	3.00	-001		4427.00	
Packer	5.00			4432.00	33.00 Bottom Of Top Packer
Packer	4.00			4436.00	
Stubb	1.00			4437.00	
Recorder	0.00	8959	Inside	4437.00	
Recorder	0.00	8734	Outside	4437.00	
Perforations	24.00			4461.00	
Bullnose	5.00			4466.00	30.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70220

DST#: 7

ATTN: Max Lovely

Test Start: 2023.04.21 @ 20:56:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil Spots 100% M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

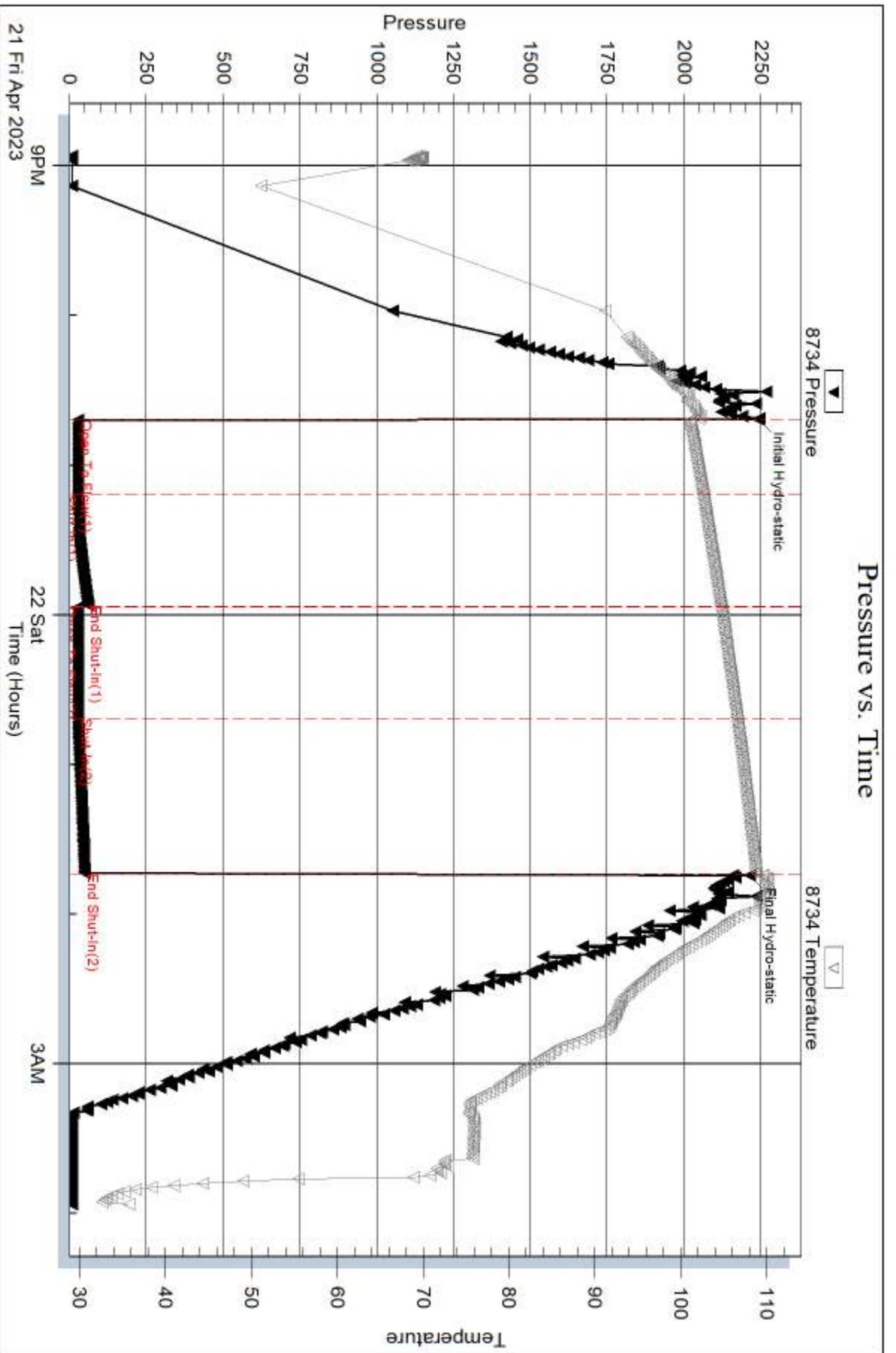
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



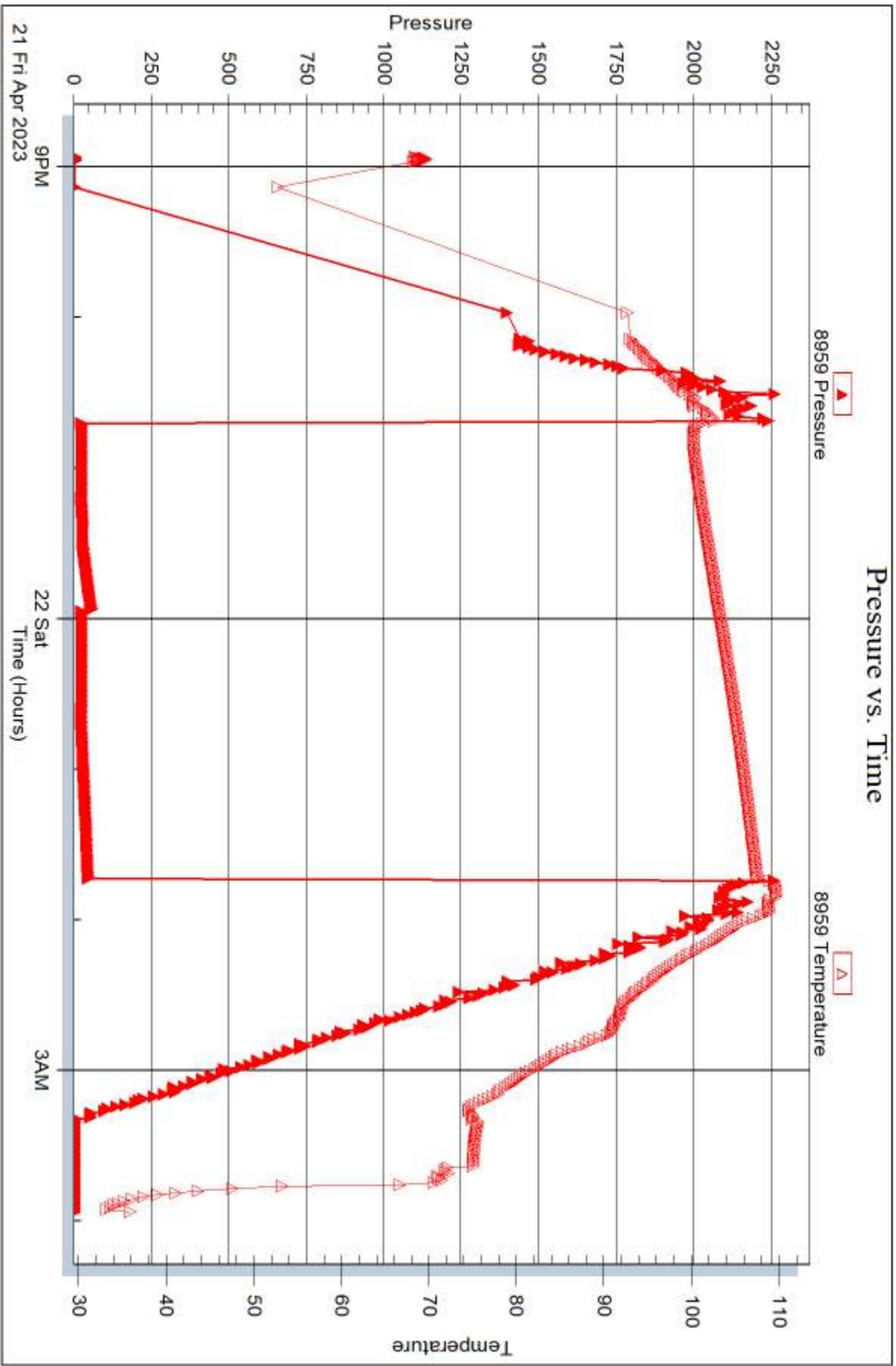
Serial #: 8959

Inside

Richie Exploration Inc

18-17-36W Wichita, KS

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 70220

Printed: 2023.04.28 @ 08:46:04



DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.22 @ 17:55:00

End Date: 2023.04.23 @ 00:26:20

Job Ticket #: 70221 DST #: 8

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

Printed: 2023.04.28 @ 08:45:35



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

Job Ticket: 70221

DST#: 8

Test Start: 2023.04.22 @ 17:55:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:45:10

Time Test Ended: 00:26:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4478.00 ft (KB) To 4515.00 ft (KB) (TVD)

Total Depth: 4515.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3293.00 ft (KB)

3285.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 31.12 psig @ 4479.00 ft (KB)

Start Date: 2023.04.22

End Date:

2023.04.23

Start Time: 17:55:01

End Time:

00:26:20

Capacity: 8000.00 psig

Last Calib.: 2023.04.23

Time On Btm: 2023.04.22 @ 19:45:00

Time Off Btm: 2023.04.22 @ 21:48:50

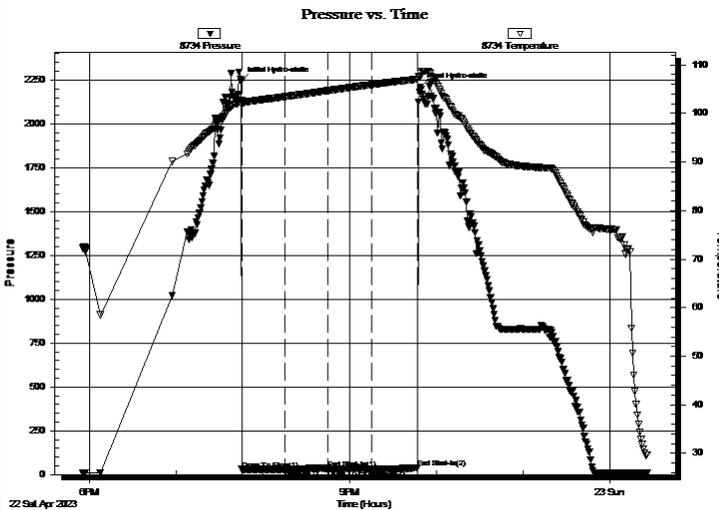
TEST COMMENT: 30-IF-Blow built to 1/2" & decreased to 1/4"

30-ISI-No return

30-FF-No blow

30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.94	102.65	Initial Hydro-static
1	29.59	101.69	Open To Flow (1)
30	30.58	103.45	Shut-In(1)
60	34.92	104.69	End Shut-In(1)
60	30.83	104.70	Open To Flow (2)
90	31.12	105.92	Shut-In(2)
123	37.09	107.08	End Shut-In(2)
124	2208.84	107.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w /Oil spots	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70221

DST#: 8

Test Start: 2023.04.22 @ 17:55:00

Tool Information

Drill Pipe:	Length: 4464.00 ft	Diameter: 3.80 inches	Volume: 62.62 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4478.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4446.00	
Shut In Tool	5.00			4451.00	
Hydraulic tool	5.00	1113		4456.00	
Jars	5.00	01-07		4461.00	
EM Tool	5.00			4466.00	
Safety Joint	3.00	-001		4469.00	
Packer	5.00			4474.00	33.00 Bottom Of Top Packer
Packer	4.00			4478.00	
Stubb	1.00			4479.00	
Recorder	0.00	8959	Inside	4479.00	
Recorder	0.00	8734	Outside	4479.00	
Perforations	31.00			4510.00	
Bullnose	5.00			4515.00	37.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70221

DST#: 8

ATTN: Max Lovely

Test Start: 2023.04.22 @ 17:55:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud w /Oil spots	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

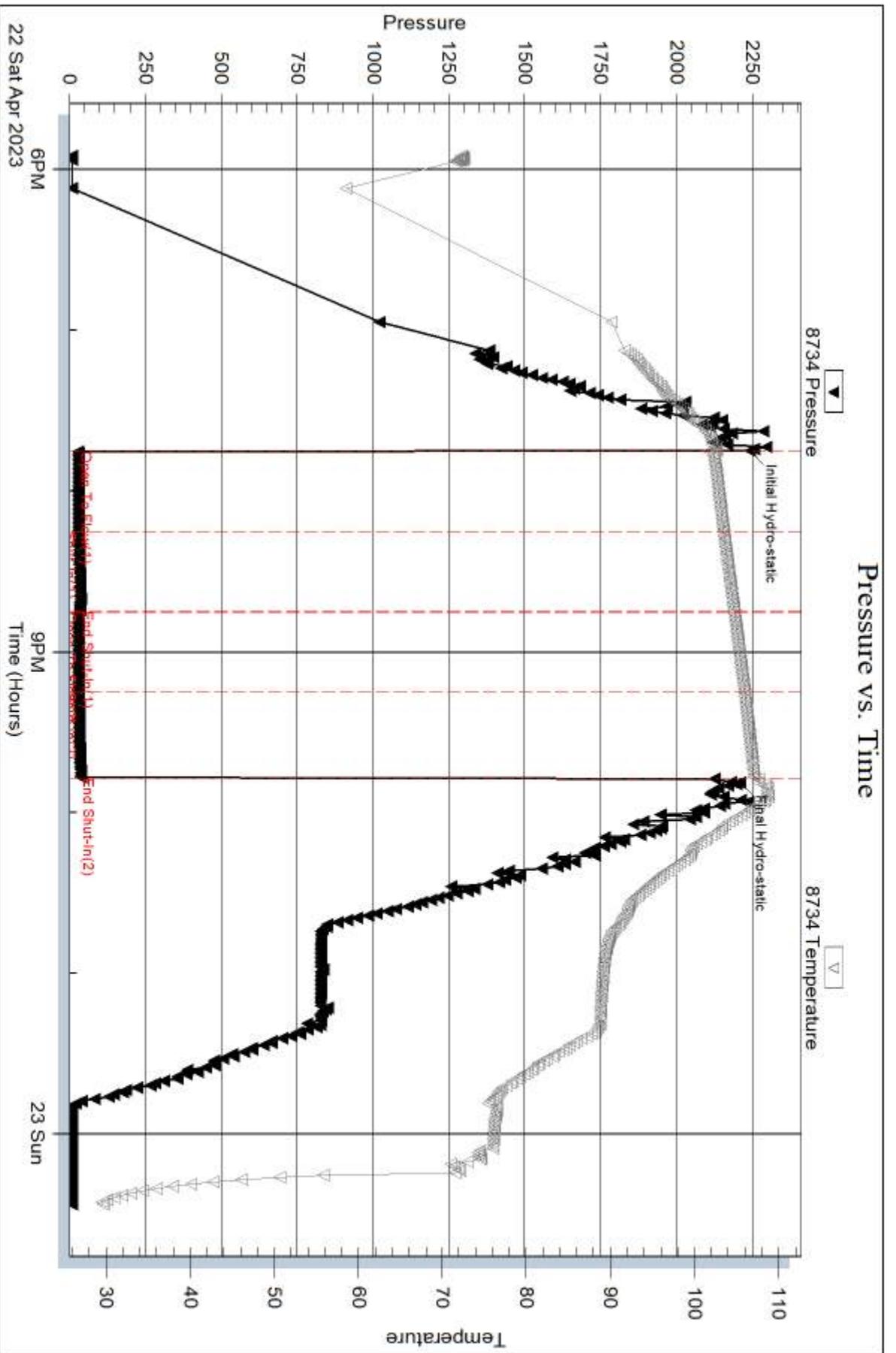
Num Gas Bombs: 0

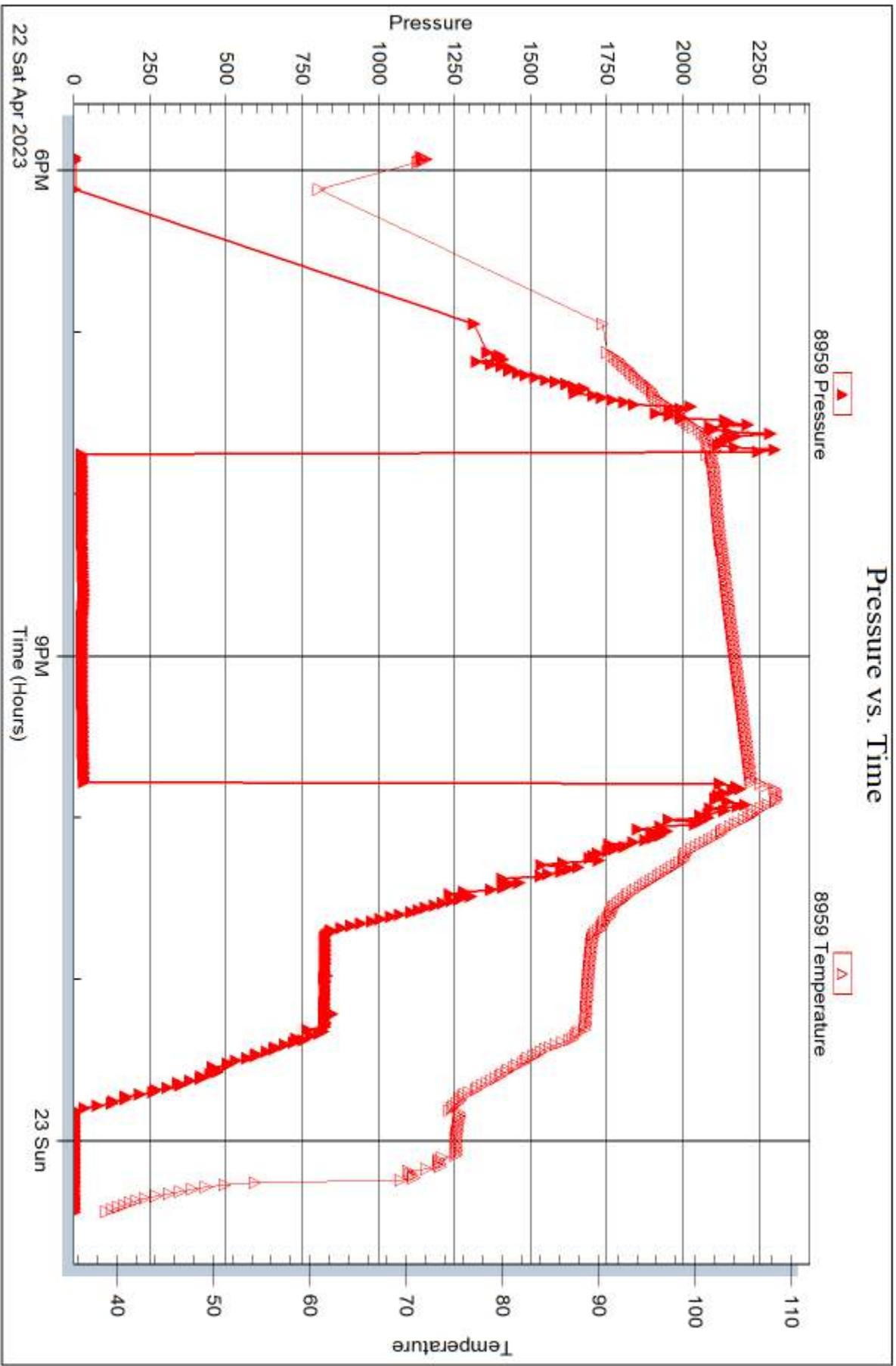
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, KS 67278

ATTN: Max Lovely

18-17-36W Wichita,KS

Schreck Wilbur Unit #1

Start Date: 2023.04.23 @ 09:30:00

End Date: 2023.04.23 @ 15:36:39

Job Ticket #: 70222 DST #: 9

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.04.28 @ 08:44:15

Ritchie Exploration Inc

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

DST # 9

Myrick Station

2023.04.23



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc
 PO Box 783188
 Wichita, KS 67278
 ATTN: Max Lovely

Schreck Wilbur Unit #1

18-17-36W Wichita,KS

Job Ticket: 70222 **DST#: 9**

Test Start: 2023.04.23 @ 09:30:00

GENERAL INFORMATION:

Formation: **Myrick Station**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:24:10
 Time Test Ended: 15:36:39
 Interval: **4519.00 ft (KB) To 4540.00 ft (KB) (TVD)**
 Total Depth: 4540.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 3293.00 ft (KB)
 3285.00 ft (CF)
 KB to GR/CF: 8.00 ft

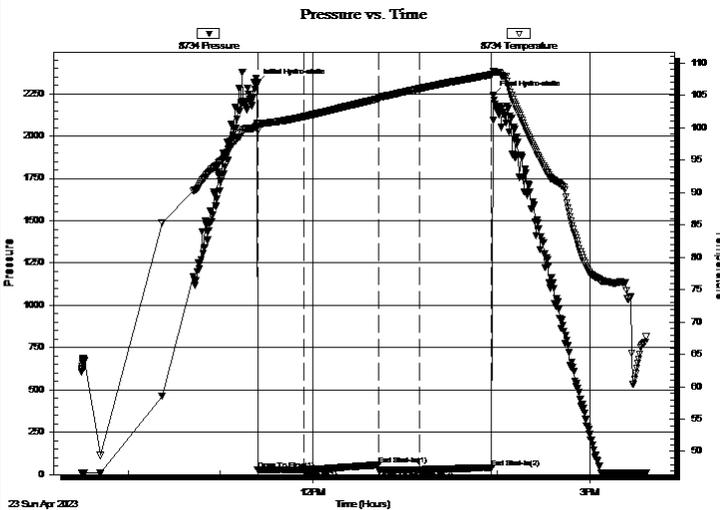
Serial #: 8734

Outside

Press@RunDepth: 29.65 psig @ 4520.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.04.23 End Date: 2023.04.23 Last Calib.: 2023.04.23
 Start Time: 09:30:01 End Time: 15:36:40 Time On Btm: 2023.04.23 @ 11:24:00
 Time Off Btm: 2023.04.23 @ 13:57:09

TEST COMMENT: 30-IF-Blow built to 1/2"
 30-ISI-No return
 30-FF-No blow
 30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.13	100.70	Initial Hydro-static
1	27.63	99.57	Open To Flow (1)
30	29.69	101.71	Shut-In(1)
79	57.39	104.49	End Shut-In(1)
79	28.78	104.49	Open To Flow (2)
106	29.65	106.07	Shut-In(2)
153	40.20	108.22	End Shut-In(2)
154	2239.32	108.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud w /Oil spots 100%M	0.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

ATTN: Max Lovely

Job Ticket: 70222

DST#: 9

Test Start: 2023.04.23 @ 09:30:00

Tool Information

Drill Pipe:	Length: 4494.00 ft	Diameter: 3.80 inches	Volume: 63.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4519.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4487.00	
Shut In Tool	5.00			4492.00	
Hydraulic tool	5.00	1113		4497.00	
Jars	5.00	01-07		4502.00	
EM Tool	5.00			4507.00	
Safety Joint	3.00	-001		4510.00	
Packer	5.00			4515.00	33.00 Bottom Of Top Packer
Packer	4.00			4519.00	
Stubb	1.00			4520.00	
Recorder	0.00	8959	Inside	4520.00	
Recorder	0.00	8734	Outside	4520.00	
Perforations	15.00			4535.00	
Bullnose	5.00			4540.00	21.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Schreck Wilbur Unit #1

PO Box 783188
Wichita, KS 67278

18-17-36W Wichita,KS

Job Ticket: 70222

DST#: 9

ATTN: Max Lovely

Test Start: 2023.04.23 @ 09:30:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud w /Oil spots 100%M	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

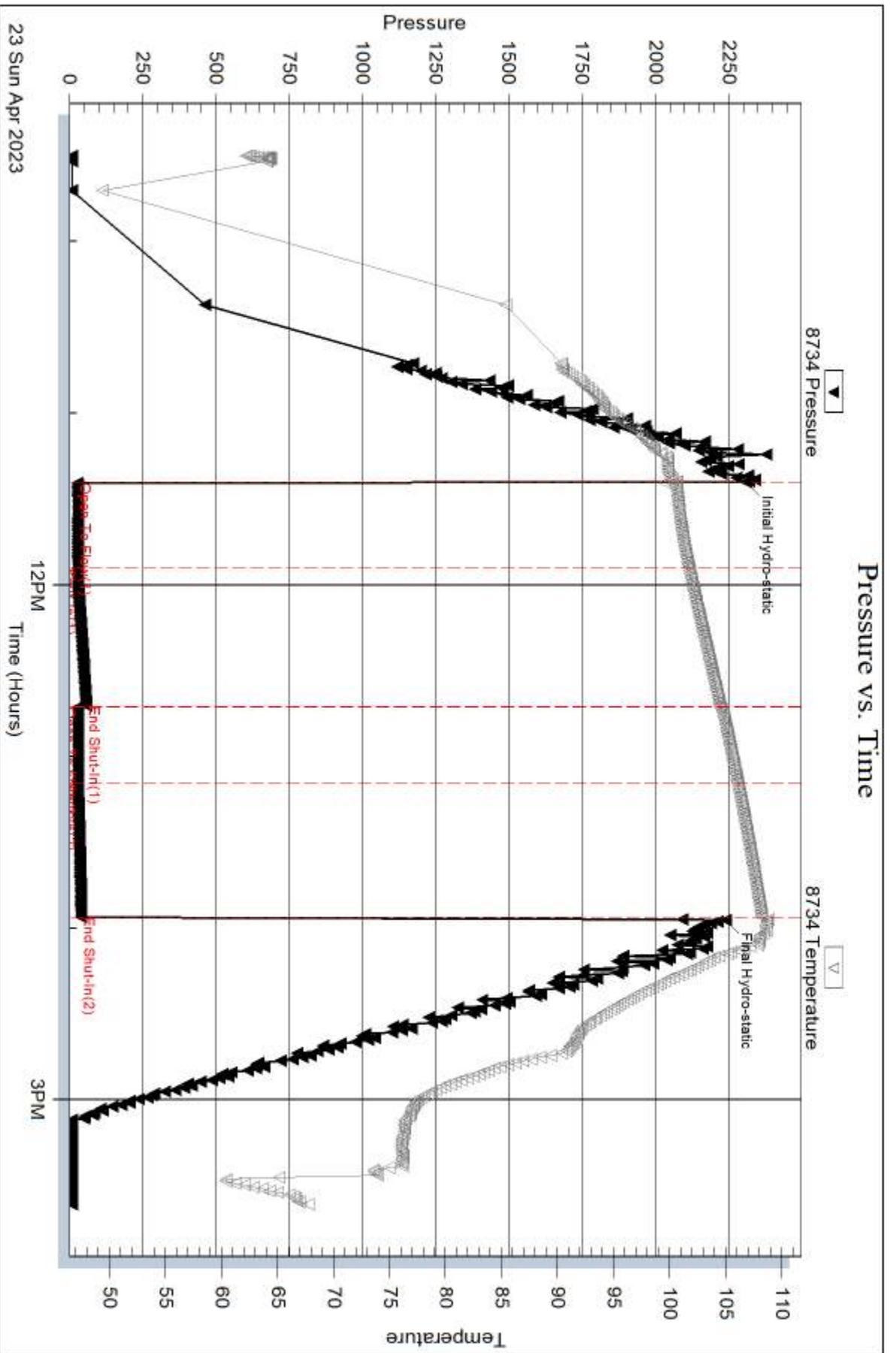
Num Gas Bombs: 0

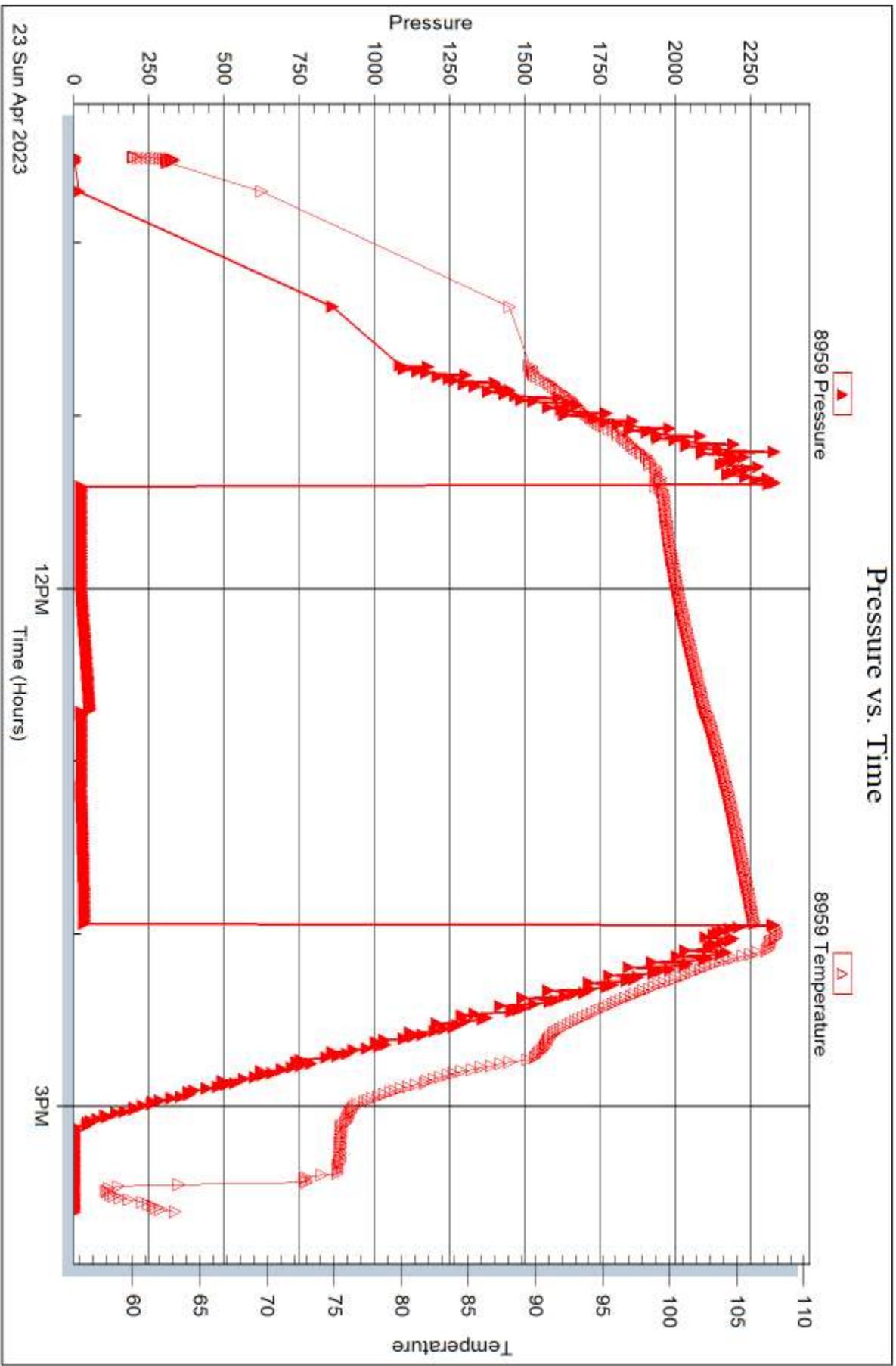
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70214

Well Name & No. #1 Schreck Wilbur Unit Test No. 1 Date 4-16-23
 Company Ritchie Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Luxly Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W Co. Wichita State KS

Interval Tested 4053-4094 Zone Tested Lansing "E-F"
 Anchor Length 41 Drill Pipe Run 4052 Mud Wt. 9.1
 Top Packer Depth 4048 Drill Collars Run — Vis 51
 Bottom Packer Depth 4053 Wt. Pipe Run — WL 7.2
 Total Depth 4094 Chlorides 3600 ppm System LCM 2H

Blow Description IF - B.O.B (11 inch) @ 3 mins (blow built to 76")
ISI - No return.
FF - B.O.B @ 5 mins (blow built to 49 1/2")
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>765</u>	<u>5W w/oil scam.</u>			<u>97</u>	<u>3</u>
<u>500</u>	<u>4W w/oil scam.</u>			<u>65</u>	<u>35</u>
<u>0</u>	<u>20' GTP</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 1265 BHT 117 Gravity — API RW 460 @ 62.5 °F Chlorides 16,500 ppm
 Initial Hydrostatic 1967 Test 1950 Ruined Shale Packer
 Initial Flow 92 to 398 Jars 300 Ruined Packer
 Initial Shut-In 1017 Circ Sub Hotel
 Final Flow 416 to 599 Hourly Standby 3.25h EM Tool Successful
 Final Shut-In 1014 Mileage 76 RT 133 Accessibility
 Final Hydrostatic 1920 Sampler Gas Sample
 T-On Location 20:45 Straddle Sub Total 0
 Initial Flow 30 T-Started 01:50 Shale Packer Total 2708
 Initial Shut-In 30 T-Open 06:51 Extra Packer Tool Loaded @
 Final Flow 30 T-Pulled 08:51 Extra Recorder MP/DST Disc't
 Final Shut-In 30 T-Out 10:55 Day Standby

Comments _____

Approved By _____ Our Representative [Signature]

Triobite Testing Inc. shall not be liable for damage of any kind of 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. 70215

Well Name & No. #1 Schreck Wilbur Unit Test No. 2 Date 4-17-23
 Company Bitrich Exploration Inc Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Linkly Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W Co. Wichita State KS

Interval Tested 4179-4220 Zone Tested Lansing "I"
 Anchor Length 41' Drill Pipe Run 4179 Mud Wt. 9.0
 Top Packer Depth 4174 Drill Collars Run --- Vis 52
 Bottom Packer Depth 4179 Wt. Pipe Run --- WL 7.2
 Total Depth 4220 Chlorides 4000 ppm System LCM 1#

Blow Description IF - B.O.B (11 inches) @ 15 mins (blow built to 19 3/4")
ISI - Return blow built to 3/4"
FF - B.O.B @ 32 mins (blow built to 19 1/4")
FSI - Return blow built to 1"

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>60CM</u>	<u>15</u>	<u>20</u>	<u>65</u>	
<u>361</u>	<u>CGO</u>	<u>26</u>	<u>74</u>		
<u>0</u>	<u>270' GIP</u>				

Rec Total 426 BHT _____ Gravity 23.2 API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 2045 Test 1950 Ruined Shale Packer _____
 Initial Flow 30 to 111 Jars 300 Ruined Packer _____
 Initial Shut-In 1089 Circ Sub _____ Hotel _____
 Final Flow 118 to 197 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 1061 Mileage 76 RT 133 Accessibility _____
 Final Hydrostatic 2024 Sampler _____ Gas Sample _____
 T-On Location 23:15 Straddle _____ Sub Total 0
 Initial Flow 30 T-Started 00:17 Shale Packer _____ Total 2383
 Initial Shut-In 45 T-Open 02:40 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 45 T-Pulled 05:40 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 60 T-Out 08:38 Day Standby _____

Comments _____

Approved By _____ Our Representative Martin Jelinek

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70216

Well Name & No. #1 Schreck Wilbur Unit Test No. 3 Date 4-18-23
 Company Ritchie Exploration Inc Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lovely Rig Duke 42
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS.

Interval Tested 4222 - 4244 Zone Tested Lansing "J"
 Anchor Length 22' Drill Pipe Run 4211 Mud Wt. 9.0
 Top Packer Depth 4217 Drill Collars Run — Vis 52
 Bottom Packer Depth 4222 Wt. Pipe Run — WL 7.2
 Total Depth 4244 Chlorides 4800 ppm System LCM 1#

Blow Description IE - B.O.B (11 inches) @ 20 mins (blow built to 14 1/2")
IST - No return
FE - B.O.B @ 28 mins (blow built to 13 1/4")
FST - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>640</u>	<u>05MCW</u>	<u>2</u>	<u>88</u>	<u>10</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 640 BHT 120 Gravity — API RW 470 @ 59.0 °F Chlorides 17,500 ppm
 Initial Hydrostatic 2069 Test 1950 Ruined Shale Packer
 Initial Flow 32 to 158 Jars 300 Ruined Packer
 Initial Shut-In 1184 Circ Sub Hotel
 Final Flow 161 to 315 Hourly Standby EM Tool Successful
 Final Shut-In 1175 Mileage 76RT 133 Accessibility
 Final Hydrostatic 2053 Sampler Gas Sample
 T-On Location 15:00 Straddle Sub Total 0
 Initial Flow 30 T-Started 15:18 Shale Packer Total 2383
 Initial Shut-In 45 T-Open 17:27 Extra Packer Tool Loaded @
 Final Flow 45 T-Pulled 20:27 Extra Recorder MP/DST Disc't
 Final Shut-In 60 T-Out 22:45 Day Standby

Comments _____

Approved By _____ Our Representative Martine Solinas

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70217

Well Name & No. #1 Schreck Wilbur Unit Test No. 4 Date 4-19-23
 Company Ritchie Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lovely Rig Duke #2.
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS.

Interval Tested 4240-4284 Zone Tested Lansing "K"
 Anchor Length 44' Drill Pipe Run 4243 Mud Wt. 9.2
 Top Packer Depth 4235 Drill Collars Run — Vis 60
 Bottom Packer Depth 4240 Wt. Pipe Run — WL 7.2
 Total Depth 4284 Chlorides 4800 ppm System LCM 1/2#

Blow Description IF - B.O.R (11 inches) @ 1 min (blow built to 25 3/4")
ISI - No return.
FF - B.O.R @ 4 mins (built to 34" & decreased to 27 3/4")
FSE - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>120'</u>	<u>MCW w/oil scum</u>		<u>90</u>	<u>20</u>	
<u>2300</u>	<u>Reversed.</u>				
<u>0</u>	<u>10-45 mins SW w/oil scum</u>		<u>99</u>	<u>1</u>	
<u>0</u>	<u>0-10 mins MCW w/oil scum</u>		<u>75</u>	<u>25</u>	
<u>230'</u>	<u>HMCW w/oil scum.</u>		<u>70</u>	<u>30</u>	

Rec Total 2650 BHT 121 Gravity — API RW .550 @ 73.2 °F Chlorides 11,000 ppm
 Initial Hydrostatic 2139 Test 1950 Ruined Shale Packer
 Initial Flow 400 to 1028 Jars 300 Ruined Packer
 Initial Shut-In 1206 Circ Sub Drop Bar 50 Hotel
 Final Flow 1039 to 1188 Hourly Standby EM Tool Successful
 Final Shut-In 1213 Mileage 76 RT 133 Accessibility
 Final Hydrostatic 2055 Sampler Gas Sample

T-On Location 08:25 Straddle Sub Total 0
 Initial Flow 30 T-Started 09:15 Shale Packer Total 2433
 Initial Shut-In 30 T-Open 11:12 Extra Packer Tool Loaded — @ —
 Final Flow 30 T-Pulled 13:12 Extra Recorder MP/DST Disc't
 Final Shut-In 30 T-Out 17:17 Day Standby

Comments _____

Approved By _____ Our Representative Maxim Solovins

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70218

Well Name & No. #1 Schreck Wilbur Unit Test No. 5 Date 4-20-23
 Company Ritchie Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Loxly Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS

Interval Tested 4332-4349 Zone Tested Pleasanton
 Anchor Length 17' Drill Pipe Run 4306 Mud Wt. 9.0
 Top Packer Depth 4327 Drill Collars Run — Vis 60
 Bottom Packer Depth 4332 Wt. Pipe Run — WL 8.8
 Total Depth 4349 Chlorides 5400 ppm System LCM 1/2#

Blow Description IF - B.O.B (11 inches) @ 2 mins (blow increased to 120' h")
ISI - No return
FF - B.O.B @ 5 mins (blow built to 70")
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Feet of MCW w/oil scum</u>		<u>75</u>	<u>25</u>	
<u>1730</u>	<u>Feet of Reversed</u>				
<u>0</u>	<u>Feet of 3-10 mins SW w/oil scum.</u>		<u>98</u>	<u>2</u>	
<u>0</u>	<u>Feet of 0-3 mins MCW w/oil scum.</u>		<u>72</u>	<u>28</u>	
<u>100</u>	<u>Feet of MCW w/oil scum.</u>		<u>70</u>	<u>30</u>	

Rec Total 1980 BHT 121 Gravity — API RW 167 @ 65.0 °F Chlorides 5300 ppm
 Test 1950 Ruined Shale Packer
 Jars 300 Ruined Packer
 Circ Sub Drop Bar 50 Hotel
 Hourly Standby EM Tool Successful
 Mileage 76RT 133 Accessibility
 Sampler Gas Sample
 Straddle Sub Total 0
 Shale Packer Total 2433
 Extra Packer Tool Loaded @
 Extra Recorder MP/DST Disc't
 Day Standby

Initial Hydrostatic 2168
 Initial Flow 151 to 627
 Initial Shut-In 1253
 Final Flow 631 to 910
 Final Shut-In 1255
 Final Hydrostatic 2138
 T-On Location 08:30
 Initial Flow 30 T-Started 08:48
 Initial Shut-In 30 T-Open 10:52
 Final Flow 30 T-Pulled 12:52
 Final Shut-In 30 T-Out 15:53

Comments _____
 Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70219

Well Name & No. #1 Schreck Wilbur Unit Test No. 6 Date 4-21-23
 Company Ritchie Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lovely Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS.

Interval Tested 4399 - 4438 Zone Tested Altamont "A"
 Anchor Length 39' # Drill Pipe Run 4401 Mud Wt. 9.1
 Top Packer Depth 4394 Drill Collars Run — Vis 53
 Bottom Packer Depth 4399 Wt. Pipe Run — WL 10.4
 Total Depth 4438 Chlorides 8000 ppm System LCM 1/2#

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

Rec	Feet of	%gas	%oil	%water	%mud
<u>S</u>	<u>Mud w/oil spars.</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 110 Gravity — API RW — @ — °F Chlorides — ppm

Initial Hydrostatic 2195 Test 1950 Ruined Shale Packer
 Initial Flow 29 to 31 Jars 300 Ruined Packer
 Initial Shut-In 58 Circ Sub Hotel
 Final Flow 31 to 31 Hourly Standby EM Tool Successful
 Final Shut-In 52 Mileage 76 RT 133 Accessibility
 Final Hydrostatic 2169 Sampler Gas Sample
 T-On Location 05:00 Straddle Sub Total 0
 Initial Flow 30 T-Started 06:55 Shale Packer Total 2383
 Initial Shut-In 30 T-Open 08:33 Extra Packer Tool Loaded @
 Final Flow 30 T-Pulled 10:33 Extra Recorder MP/DST Disc't
 Final Shut-In 30 T-Out 12:18 Day Standby

Comments _____

Approved By _____ Our Representative Mattie Salinas

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70220

Well Name & No. #1 Schreck Wilbur Unit Test No. 7 Date 4-21-23
 Company Ritchie Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lowry Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS.

Interval Tested 4436-4466 Zone Tested Altamont "B"
 Anchor Length 30' Drill Pipe Run 4433 Mud Wt. 9.2
 Top Packer Depth 4431 Drill Collars Run — Vis 52
 Bottom Packer Depth 4436 Wt. Pipe Run — WL 10.4
 Total Depth 4466 Chlorides 9600 ppm System LCM 1A

Blow Description IF - Blow built to 1/2"
ISI - No return
FF - No blow
FST - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spots</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 110 Gravity — API RW — @ — *F Chlorides — ppm

Initial Hydrostatic 2240 Test 1950 Ruined Shale Packer —
 Initial Flow 28 to 29 Jars 300 Ruined Packer —
 Initial Shut-In 61 Circ Sub — Hotel —
 Final Flow 27 to 29 Hourly Standby — EM Tool Successful —
 Final Shut-In 50 Mileage 76RT 133 Accessibility —
 Final Hydrostatic 2213 Sampler — Gas Sample —
 T- On Location 20:30 Straddle — Sub Total 0
 Initial Flow 30 T-Started 20:56 Shale Packer — Total 2383
 Initial Shut-In 45 T-Open 22:41 Extra Packer — Tool Loaded — @ —
 Final Flow 45 T-Pulled 01:41 Extra Recorder — MP/DST Disc't —
 Final Shut-In 60 T-Out 03:56 Day Standby —

Comments _____

Approved By _____ Our Representative Austin Salinas

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70221

Well Name & No. #1 Schreck Wilbur Unit Test No. 8 Date 4-22-23
 Company Ritonic Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lovely Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W. Co. Wichita State KS.

Interval Tested 4478-4515 Zone Tested Pawnee
 Anchor Length 37' Drill Pipe Run 4464 Mud Wt. 8.8
 Top Packer Depth 4473 Drill Collars Run --- Vis 51
 Bottom Packer Depth 4478 Wt. Pipe Run --- WL 12.0
 Total Depth 4515 Chlorides 10,500 ppm System LCM 2H

Blow Description IF: Blow built to 1/2 & decreased to 1/4"
ISI: No return.
FF: No blow
FSI: No return.

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

Rec Total 10 BHT 108 Gravity --- API RW --- @ --- *F Chlorides --- ppm
 Initial Hydrostatic 2242 Test 1950 Ruined Shale Packer
 Initial Flow 30 to 31 Jars 300 Ruined Packer
 Initial Shut-In 35 Circ Sub Hotel
 Final Flow 31 to 31 Hourly Standby EM Tool Successful
 Final Shut-In 37 Mileage 76RT 133 Accessibility
 Final Hydrostatic 2209 Sampler Gas Sample
 T-On Location 16:30 Straddle Sub Total 0
 Initial Flow 30 T-Started 17:55 Shale Packer Total 2383
 Initial Shut-In 30 T-Open 19:45 Extra Packer Tool Loaded @
 Final Flow 30 T-Pulled 21:45 Extra Recorder MP/DST Disc't
 Final Shut-In 30 T-Out 00:26 Day Standby

Comments _____

Approved By _____ Our Representative *Justin J. Lewis*

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70222

Well Name & No. #1 Schreck Wilbur Unit Test No. 9 Date 4-23-23
 Company Ritonic Exploration INC Elevation 3293 KB 3285 GL
 Address P.O. Box 783188 Wichita, KS 67278
 Co. Rep / Geo Max Lovely Rig Duke #2
 Location: Sec. 18 Twp 17 Rge. 36W Co. Wichita State KS

Interval Tested 4519 - 4540 Zone Tested Myrick Station
 Anchor Length 21' Drill Pipe Run 4494 Mud Wt. 9.0
 Top Packer Depth 4514 Drill Collars Run --- Vis 56
 Bottom Packer Depth 4519 Wt. Pipe Run --- WL 12-0
 Total Depth 4540 Chlorides 10,500 ppm System LCM 1#

Blow Description IF - Blow built to 1/2"
ISI - No return
FF - No blow
FST - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud w/oil specks.</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 109 Gravity --- API RW --- @ --- *F Chlorides --- ppm

Initial Hydrostatic 2310 Test 1950 Ruined Shale Packer
 Initial Flow 29 to 30 Jars 300 Ruined Packer
 Initial Shut-In 57 Circ Sub Hotel
 Final Flow 29 to 30 Hourly Standby EM Tool Successful
 Final Shut-In 40 Mileage 76 RT x 2 266 Accessibility
 Final Hydrostatic 2239 Sampler Gas Sample
 T- On Location 08:45 Straddle Sub Total 800
 Initial Flow 30 T-Started 09:30 Shale Packer Total 3316
 Initial Shut-In 45 T-Open 11:24 Extra Packer Tool Loaded 4-25 @ 10:00
 Final Flow 30 T-Pulled 13:54 Extra Recorder MP/DST Disc't
 Final Shut-In 45 T-Out 15:36 Day Standby 1d 18.5h

Comments _____

Approved By _____ Our Representative Justin Salinas

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