

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](mailto: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
--	---

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	SCHROEDER 1-9
Doc ID	1735627

All Electric Logs Run

Dual Comp Porosity
Dula Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	SCHROEDER 1-9
Doc ID	1735627

Tops

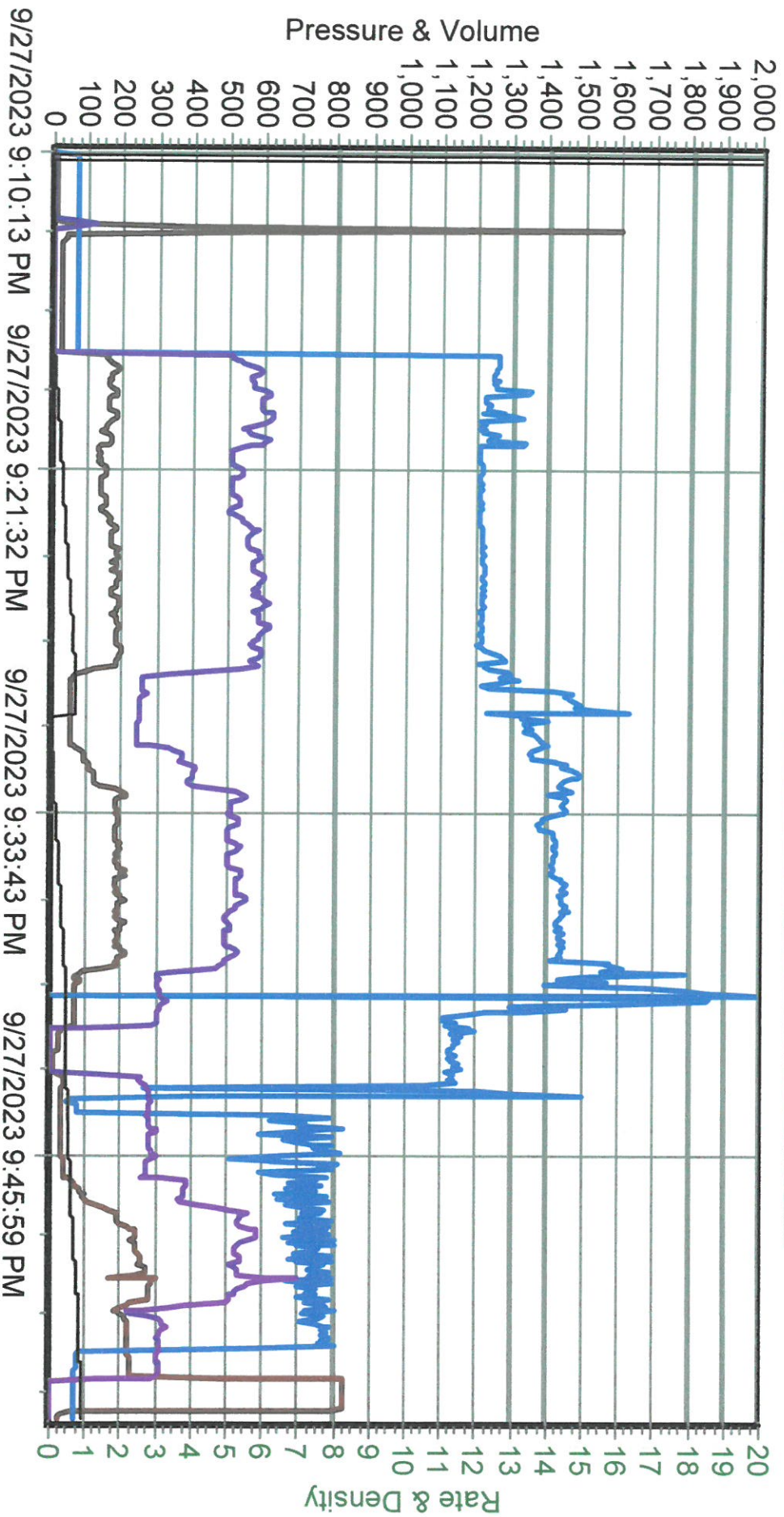
Name	Top	Datum
Anhydrite	1537	817
Base	1569	785
Heebner	3920	-1566
Lansing	3979	-1625
BKC	4371	-2017
Mrmaton	4397	-2043
Fort SCott	4531	-2177
Cherokee	4555	-2201
Miss Warsaw	4619	-2265
RTD	4775	-2421
LTD	4781	-2427







# AMERICAN WARRIOR SHROEDER #1-9 8.625" SURFACE 09/27/2023







CHARGE TO: American Classic Inc.  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 36701

1. Ness City WELL/PROJECT NO. 1-9 LEASE Schroeder COUNTY/PARISH Hodgeman STATE KS CITY  
 2. TICKET TYPE  SERVICE CONTRACTOR Duke RIG NAME/NO. #9 SHIPPED VIA CT DELIVERED TO location  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE long string 5 1/2" WELL PERMIT NO.  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PAGE 1 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT								
575				Truck 112		35	mi			8.00	280.00
578				Pump charge (longstring)		1	Job			1700.00	1700.00
404				Post collar		1	ea			2600.00	2600.00
406				Latex Oven Pluged Bottle		1	ea			300.00	300.00
407				Insect Head Shoe w/ Auto Gill		1	ea			400.00	400.00
409				Turbo Lizer		10	ea			110.00	1100.00
403				CMT Raschel		2	ea			350.00	700.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.  
 X Rub... TIME SIGNED  A.M.  P.M.

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

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	7080.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	7515.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				#3	14585.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman	888.15
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15183.15

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



JOB LOG

SWIFT Services, Inc.

DATE 10-2-23 PAGE NO. 1

CUSTOMER American Warrior Inc. WELL NO. 1-9 LEASE Schroeder JOB TYPE long string 5 1/2" TICKET NO. 36701

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06:00							ON location 5 1/2" 15.5# 4781' TD 4781' Talley PC 1578' #79 Shoe 43,44' Baskets 78, 79 Turbo's 1, 2, 3, 4, 5, 6, 7, 8, 9, 80
	06:05							Start Csg.
	9:00							Drop ball & circulate
	10:25		12		✓			mix mud Flush
			20		✓			KCL Spacer
	10:35		12		✓			plug RH 20SK, MH 20SK
	10:40	3	36		✓		100	mix 150SKs DH @ 15.5ppg
	11:10							W/out pump lines & drop plug
	11:15	6 1/2	-0-		✓		150	start displacement
		6 1/2	88		✓		250	lift pressure
			112		✓		700	max lift
	11:30		113		✓		1700	KO plug landed
	11:45							Wash pump truck
	12:00							Job Complete
								Thanks!
								Preston, Kirby, Brett



CHARGE TO: *American Warrior Inc.*  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 367706

PAGE 1 OF 1

SERVICE LOCATIONS

1. *Nesscity* WELL/PROJECT NO. *1-9* LEASE *Schroeder* COUNTY/PARISH *Hodgeman* STATE *KS* CITY *Locust* DATE *10-9-23* OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR *American Warrior Inc* RIG NAME/NO.  
 3. WELL TYPE *011* WELL CATEGORY *Development* JOB PURPOSE *Port Collar* SHIPPED VIA  DELIVERED TO  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS WELL PERMIT NO. WELL LOCATION *Tofore 1-E*  
*2-S, 1B-E, A-1, A-10*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>					<i>MILEAGE Truck 112</i>	<i>30</i>	<i>mi</i>			<i>8.00</i>	<i>240.00</i>
<i>5760</i>					<i>Pump charge Port collar</i>	<i>1</i>	<i>526</i>			<i>1210.00</i>	<i>1700.00</i>
<i>330</i>					<i>5 MD cement</i>	<i>135</i>	<i>SK</i>			<i>21.00</i>	<i>2835.00</i>
<i>276</i>					<i>Flocel</i>	<i>31</i>	<i>1B5</i>			<i>4.00</i>	<i>124.00</i>
<i>290</i>					<i>D-Air</i>	<i>1</i>	<i>gal</i>			<i>42.00</i>	<i>42.00</i>
<i>105</i>					<i>Port Collar Tool Rental w/Man</i>	<i>1</i>	<i>ea</i>			<i>350.00</i>	<i>350.00</i>
<i>581</i>					<i>CMT Service Charge</i>	<i>200</i>	<i>SK</i>			<i>2.00</i>	<i>400.00</i>
<i>582</i>					<i>Min. Drayage</i>	<i>1992</i>	<i>1B5</i>	<i>298</i>	<i>TM</i>	<i>350.00</i>	<i>350.00</i>

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 TIME SIGNED  A.M.  P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL *5831.00*

TOTAL *6006.98*

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

SWIFT OPERATOR *Robert Hood* APPROVAL

Thank You!



# **Geological Report**

**American Warrior, Inc.**

**Schroeder #1-9**

**1379' FSL & 611' FWL**

**Sec. 9, T23s, R23w**

**Hodgeman County, Kansas**



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Schroeder #1-9  
1379' FSL & 611' FWL  
Sec. 9, T23s, R23w  
Hodgeman County, Kansas  
API # 15-083-22032-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: September 27, 2023

Completion Date: October 3, 2023

Elevation 2341' G.L.  
2354' K.B.

Directions: From Jetmore, KS, at the intersection of Hwy 156 and Hwy 283. Go East on Hwy 156 ¾ mile to Rd 219. Go South on Rd 219 2 miles to K Rd. Go East on K Rd 1.5 miles and North into.

Casing: 648' 8 5/8" #23 Surface Casing  
1572' Port Collar  
4775' 5 1/2" #15.5 Production Casing

Samples: 4300' to RTD 10' Wet & Dry

Drilling Time: 4300' to RTD

Electric Logs: Midwest Wireline "D. Schmidt"  
"Full Sweep" Dual Comp Porosity, Dual Induction, Microresistivity, Sonic Borehole

Drillstem Tests: One-Trilobite Testing "Eric Burgess"

Problems: None

**Formation Tops**  
**Schroeder #1-9**  
**Sec. 9, T23s, R23w**  
**1379' FSL & 611' FWL**

<b>Anhydrite</b>	<b>1537' +817</b>
<b>Base</b>	<b>1569' +785</b>
<b>Heebner</b>	<b>3920' -1566</b>
<b>Lansing</b>	<b>3979' -1625</b>
<b>Bkc</b>	<b>4371' -2017</b>
<b>Marmaton</b>	<b>4397' -2043</b>
<b>Fort Scott</b>	<b>4531' -2177</b>
<b>Cherokee</b>	<b>4555' -2201</b>
<b>Miss Warsaw</b>	<b>4619' -2265</b>
<b>RTD</b>	<b>4775' -2421</b>
<b>LTD</b>	<b>4781' -2427</b>

**Sample Zone Descriptions**

**Miss Warsaw (4623',-2269): Covered in DST #1**  
Dolomite gray. Sub crystalline. Fair intercrystalline porosity. Good vuggy porosity. Good stain. Good saturation. GSFO. Good odor. Good full cut yellow florescence.

**Miss Warsaw (4659',-2305): Not Tested**  
Dolomite tan/gray. Sub crystalline. Fair to good intercrystalline porosity. Good vuggy porosity. Fair to good stain. Poor to fair saturation. SFO. Fair odor. Fair to good yellow florescence.



**Drill Stem Tests**  
 Trilobite Testing  
 “Eric Burgess”

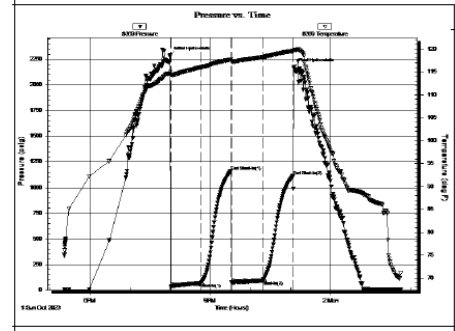
**DST #1**

**Miss Warsaw**

Interval (4536’ – 4630’) Anchor 94’

IHP - 2289 #  
 IFP - 45” – WSB built to 4.98” 33-66 #  
 ISI - 45” – No return 1160 #  
 FFP - 45” – WSB built to 7.38” 71-93 #  
 FSIP - 45” - No return 1111 #  
 FHP - 2177 #  
 BHT - 120° F

Recovery: 244’ GIP  
 60’ Oil  
 60’ MCO (60% Oil)  
 60’ GMCO (40% Oil)



## Structural Comparison

Formation	American Warrior, Inc Schroeder #1-9 Sec 9, T23s, R23w 1379' FSL & 611' FWL		Petroleum, Inc. Blattner H #1 Sec 8, T23s, R23w 1950' FSL & 760' FEL		Cobalt Energy LLC Schroeder Unit A #1-8 Sec 8, T23s, R23w 100' FNL & 2405' FEL
Heebner	3920' -1566	+8	3854' -1574	+4	3826' -1570
Lansing	3979' -1625	+8	3913' -1633	-2	3879' -1623
BKc	4371' -2017	+15	4312' -2032	+9	4282' -2026
Marmaton	4397' -2043	+20	4343' -2063	+10	4309' -2053
Fort Scott	4531' -2177	+18	4475' -2195	+13	4446' -2190
Cherokee	4555' -2201	+18	4499' -2219	+14	4471' -2215
Miss War.	4619' -2265	+36	4581' -2301	+21	4542' -2286

## Summary

The location for the Schroeder #1-9 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted, which recovered commercial amounts of oil from the Miss Warsaw formation. After all the gathered data had been examined, the decision was made to run 5 1/2" casing to further evaluate the Schroeder #1-9 well.

### Recommended Perforations

**Primary:**                                      **Warsaw Lower            (4659' to 4663')**

**Secondary:**                                   **Warsaw Upper            (4624' to 4630') “Use Kracken Gun”**

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

AWI  
Po Box 399  
Garden City, KS. 67848  
ATTN: Kevin Timenson

**9-23S-23W Hodgeman**  
**Schroeder 1-9**  
Job Ticket: 71051 **DST#: 1**  
Test Start: 2023.10.01 @ 17:21:47

## GENERAL INFORMATION:

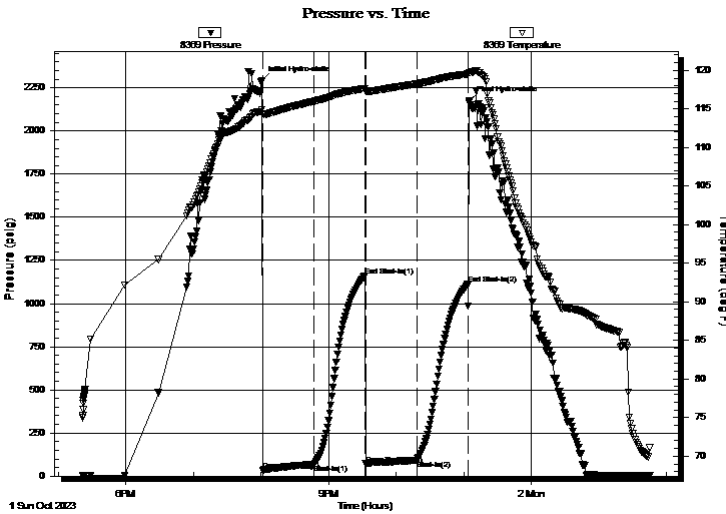
Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 20:01:57  
Time Test Ended: 01:45:26  
Interval: **4536.00 ft (KB) To 4630.00 ft (KB) (TVD)**  
Total Depth: 4630.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Eric Burgess  
Unit No: 80  
Reference Elevations: 2354.00 ft (KB)  
2341.00 ft (CF)  
KB to GR/CF: 13.00 ft

## Serial #: 8369 Outside

Press@RunDepth: 92.61 psig @ 4548.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2023.10.01 End Date: 2023.10.02 Last Calib.: 2023.10.02  
Start Time: 17:21:48 End Time: 01:45:27 Time On Btm: 2023.10.01 @ 20:00:57  
Time Off Btm: 2023.10.01 @ 23:05:07

TEST COMMENT: IF:Fair Building Blow built to 4.98" (45)  
IS:No Blow Back. (45)  
FF:Fair Building Blow built to 7.38" (45)  
FS:No Blow Back. (45)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.40	114.89	Initial Hydro-static
1	33.35	114.37	Open To Flow (1)
46	66.11	115.98	Shut-In(1)
92	1160.28	117.66	End Shut-In(1)
93	71.21	117.28	Open To Flow (2)
138	92.61	118.25	Shut-In(2)
183	1111.37	119.53	End Shut-In(2)
185	2176.51	119.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil 100%O	0.30
60.00	MCO 60%O 40%M	0.30
60.00	GMCO 30%G 40%O 30%M	0.30
0.00	244' GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

AWI **9-23S-23W Hodgeman**  
 Po Box 399 **Schroeder 1-9**  
 Garden City, KS. 67848 Job Ticket: 71051 **DST#: 1**  
 ATTN: Kevin Timenson Test Start: 2023.10.01 @ 17:21:47

## Mud and Cushion Information

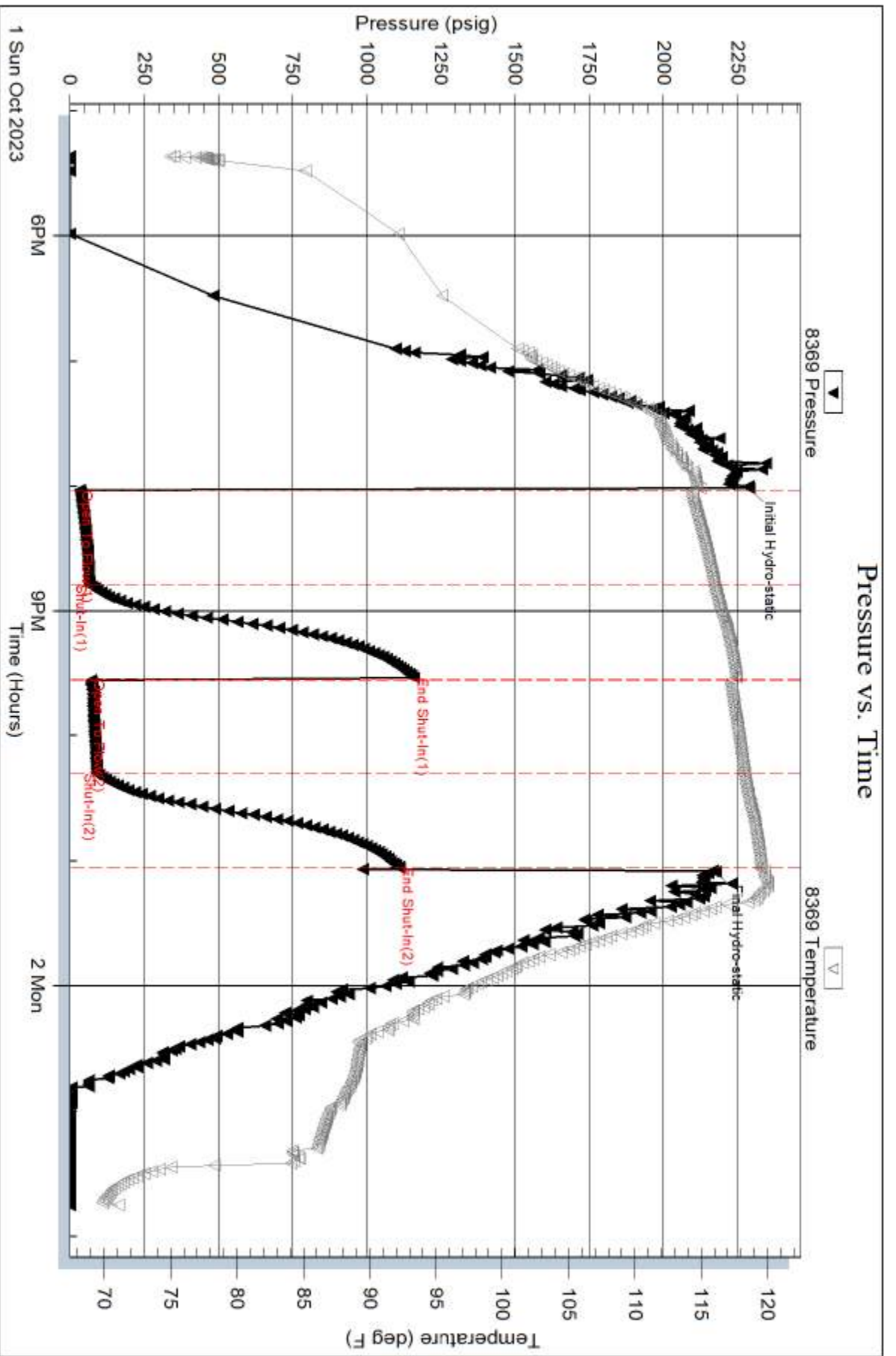
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

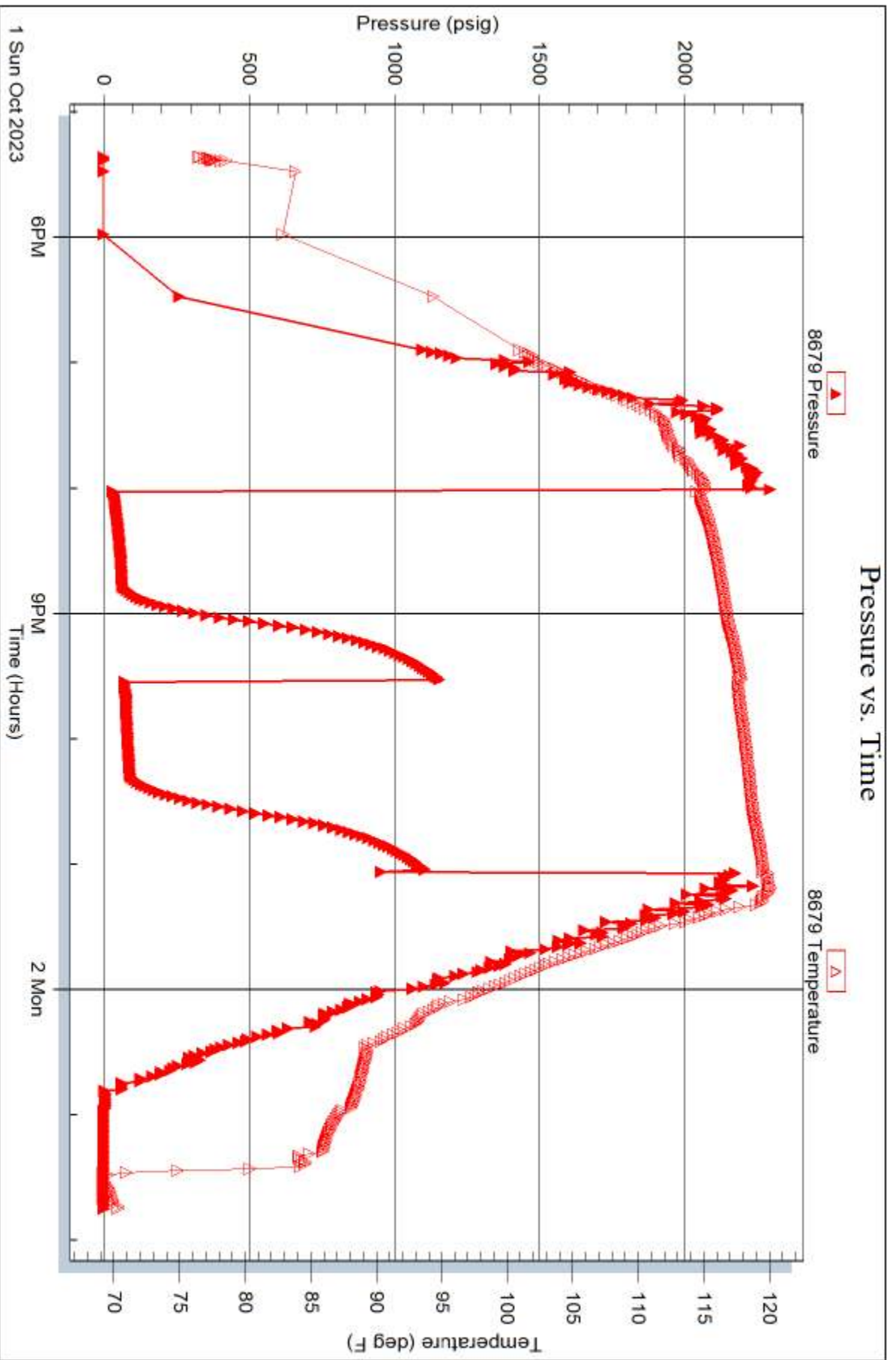
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oil 100%O	0.295
60.00	MCO 60%O 40%M	0.295
60.00	GMCO 30%G 40%O 30%M	0.295
0.00	244' GIP	0.000

Total Length: 180.00 ft      Total Volume: 0.885 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:









## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS. 67848

ATTN: Kevin Timenson

### **Schroeder #1-9**

#### **9-23S-23W Hodgeman,KS**

Start Date: 2023.10.01 @ 17:21:47

End Date: 2023.10.02 @ 01:45:26

Job Ticket #: 71051                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.10.03 @ 15:06:27



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City, KS. 67848  
ATTN: Kevin Timenson

**9-23S-23W Hodgeman,KS**

**Schroeder #1-9**

Job Ticket: 71051 **DST#: 1**  
Test Start: 2023.10.01 @ 17:21:47

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 20:01:57  
Time Test Ended: 01:45:26  
Interval: **4536.00 ft (KB) To 4630.00 ft (KB) (TVD)**  
Total Depth: 4630.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Eric Burgess  
Unit No: 80  
Reference Elevations: 2354.00 ft (KB)  
2341.00 ft (CF)  
KB to GR/CF: 13.00 ft

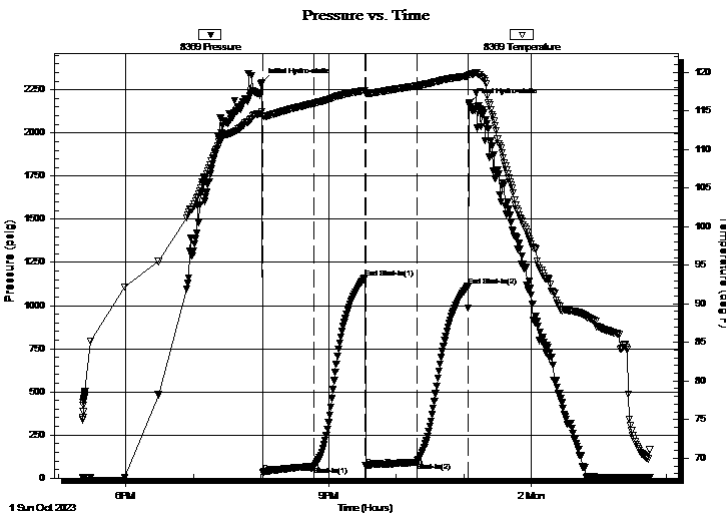
## Serial #: 8369

**Outside**

Press@RunDepth: 92.61 psig @ 4548.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2023.10.01 End Date: 2023.10.02 Last Calib.: 2023.10.02  
Start Time: 17:21:48 End Time: 01:45:27 Time On Btm: 2023.10.01 @ 20:00:57  
Time Off Btm: 2023.10.01 @ 23:05:07

TEST COMMENT: IF:Fair Building Blow built to 4.98" (45)  
IS:No Blow Back. (45)  
FF:Fair Building Blow built to 7.38" (45)  
FS:No Blow Back. (45)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.40	114.89	Initial Hydro-static
1	33.35	114.37	Open To Flow (1)
46	66.11	115.98	Shut-In(1)
92	1160.28	117.66	End Shut-In(1)
93	71.21	117.28	Open To Flow (2)
138	92.61	118.25	Shut-In(2)
183	1111.37	119.53	End Shut-In(2)
185	2176.51	119.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil 100%O	0.30
60.00	MCO 60%O 40%M	0.30
60.00	GMCO 30%G 40%O 30%M	0.30
0.00	244' GIP	0.00

## Gas Rates

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





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**TOOL DIAGRAM**

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## Tool Information

Drill Pipe:	Length: 4346.00 ft	Diameter: 3.88 inches	Volume: 63.56 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: 24000.00 lb
Drill Collar:	Length: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 24000.00 lb
			<u>Total Volume: 64.45 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4536.00 ft			Final 700000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.00 ft			
Tool Length:	125.00 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			4506.00	
Shut In Tool	5.00			4511.00	
Hydraulic tool	5.00			4516.00	
Em Tool	3.00			4519.00	
Jars	5.00			4524.00	
Safety Joint	3.00			4527.00	
Packer	4.00			4531.00	31.00 Bottom Of Top Packer
Packer	5.00			4536.00	
Stubb	1.00			4537.00	
Perforations	10.00			4547.00	
Change Over Sub	1.00			4548.00	
Recorder	0.00	8369	Outside	4548.00	
Recorder	0.00	8846	Inside	4548.00	
Blank Spacing	63.00			4611.00	
Change Over Sub	1.00			4612.00	
Perforations	15.00			4627.00	
Bullnose	3.00			4630.00	94.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>125.00</b>				



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**FLUID SUMMARY**

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**9-23S-23W Hodgeman,KS**  
**Schroeder #1-9**  
Job Ticket: 71051      **DST#: 1**  
Test Start: 2023.10.01 @ 17:21:47

## Mud and Cushion Information

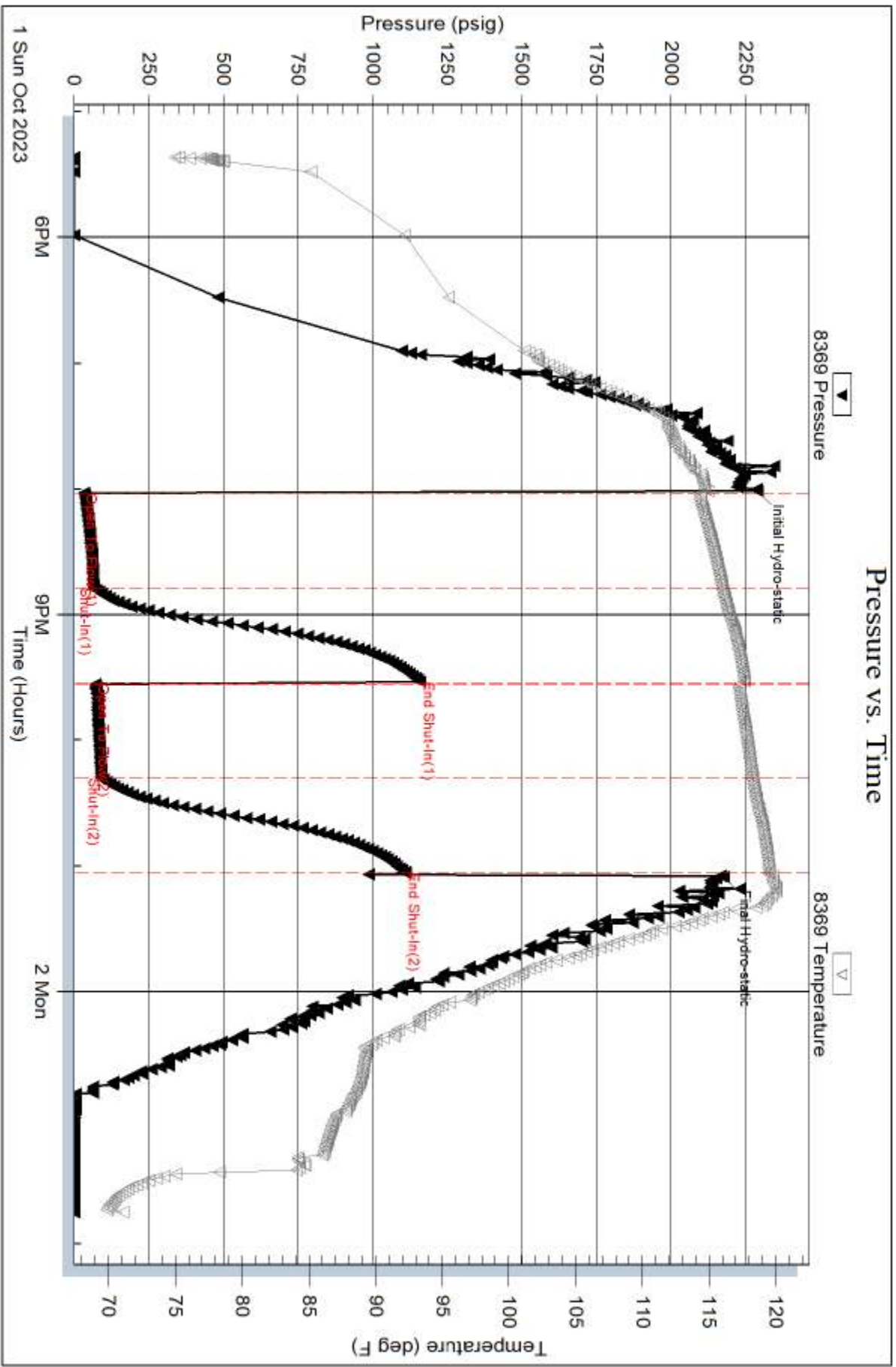
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

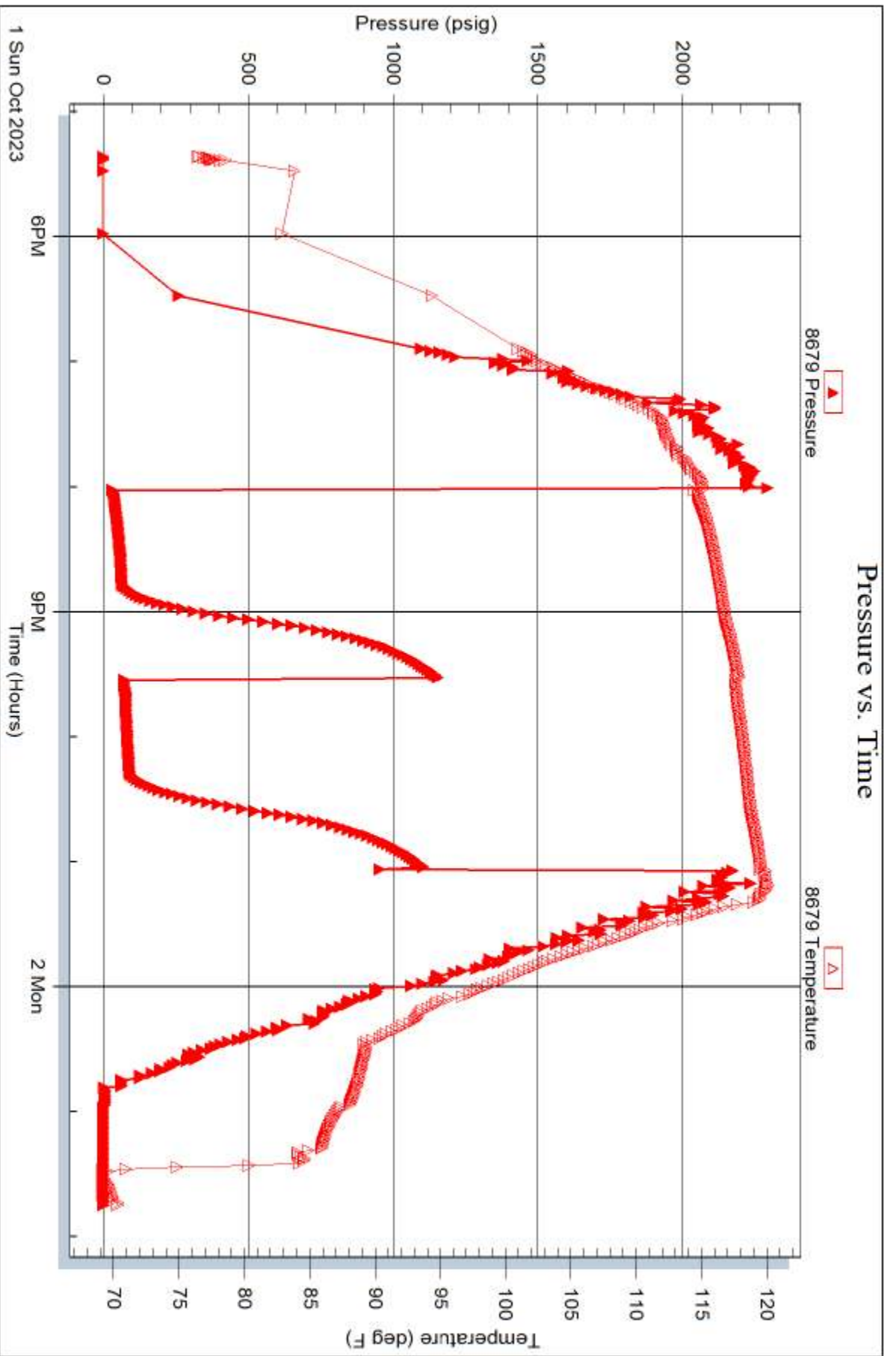
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oil 100%O	0.295
60.00	MCO 60%O 40%M	0.295
60.00	GMCO 30%G 40%O 30%M	0.295
0.00	244' GIP	0.000

Total Length: 180.00 ft      Total Volume: 0.885 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **71051**

Well Name & No. Schroeder 1-9 Test No. 1 Date 10/1/23  
 Company AWJ Elevation 2354' KB 2341' GL  
 Address PO Box 399 Garden City, KS. 67846  
 Co. Rep / Geo Kerim Timenson Rig Duke 9  
 Location: Sec. 9 Twp 23S Rge. 23W Co. Holtzman State KS.

Interval Tested 4536' - 4630' Zone Tested MISS  
 Anchor Length 94' Drill Pipe Run 4346' Mud Wt. 9.2  
 Top Packer Depth 4528' Drill Collars Run 181 Vis 40-48  
 Bottom Packer Depth 4532' Wt. Pipe Run 0 WL 8.8  
 Total Depth 4630' Chlorides 3200 ppm System LCM 2

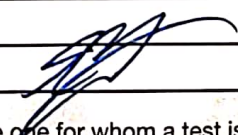
Blow Description IF: Fair Building Blow built to 4.98" (45)  
ISD: no Blow Back. (45)  
FF: Fair Building Blow built to 7.38" (45)  
FSD: no Blow Back. (45)

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>oil</u>		<u>100</u>		
<u>60</u>	<u>MEG</u>		<u>60</u>		<u>40</u>
<u>60</u>	<u>Gmco</u>	<u>30</u>	<u>40</u>		<u>30</u>
<u>0</u>	<u>244' GIP</u>				

Rec Total 180 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW 33 @ 60 \*F Chlorides \_\_\_\_\_ ppm

Initial Hydrostatic 2289  Test 1950  Ruined Shale Packer \_\_\_\_\_  
 Initial Flow 33 to 66  Jars 300  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 1160  Circ Sub \_\_\_\_\_  Hotel Necessity house didnt stay  
 Final Flow 71 to 93  Hourly Standby \_\_\_\_\_  EM Tool Successful NOT -350  
 Final Shut-In 1111  Mileage 196 140rt 245  Accessibility \_\_\_\_\_  
 Final Hydrostatic 2177  Sampler \_\_\_\_\_  Gas Sample \_\_\_\_\_  
 T-On Location 1620  Straddle \_\_\_\_\_  Oversized Hole \_\_\_\_\_  
 Initial Flow 45 T-Started 1721  Shale Packer \_\_\_\_\_  Sub Total \_\_\_\_\_ -350  
 Initial Shut-In 45 T-Open 1959  Extra Packer \_\_\_\_\_  Total 2145  
 Final Flow 45 T-Pulled 2300  Extra Recorder \_\_\_\_\_  Tool Loaded \_\_\_\_\_ @ \_\_\_\_\_  
 Final Shut-In 45 T-Out 0145  Day Standby \_\_\_\_\_  MP/DST Disc't \_\_\_\_\_

Comments \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative 

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