

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
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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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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DAVIES 1-30
Doc ID	1613184

All Electric Logs Run

Borehole Comp Sonic log
Dual Induction log
Dual Compensated Porosity log
Microresistivity log





785-953-0222

TICKET NUMBER 1447 K-C  
 LOCATION Huyatou Ks  
 FOREMAN Walt Dinkel

**FIELD TICKET & TREATMENT REPORT  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-21-21		Davies # -30	30	34S	31W	Seward
CUSTOMER American Warrior, Inc			Liberel + Blue Ball			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			103	Cony D	1	
STATE			800-850	Jason A		
ZIP CODE			801-857	Nathan S.		
			1 1/2 N-18			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 1753' CASING SIZE & WEIGHT 8 5/8-23#  
 CASING DEPTH 1745 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5-14.8 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 42"  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Safety Meeting, Rig up on Duke #7, Circ casing on to them  
Mix 650 sks 6 3/8 pos, 6% gel, 3% cc, 1/4" Flosaal, Tail in w/ 150 sks class A  
2% cc, release Plug + Displace BBL H2O @ #, hand Plug  
release Pressure  
Cement Did Circ  
Approx 30 BBL to Pit

Thank You  
Walt + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,900.00	1,900.00
	30	MILEAGE	7.5	225.00
	35.33	Ten Mileage Delivery	1.75	1,854.83
	150 sks	sks Class A	20.00	3,000.00
	650 sks	light weight Blend 1Y	19.50	12,675.00
	300 #	Calcium Chloride	1.00	300.00
	163 #	Flosaal	3.00	489.00
	1	8 5/8 Guide Shoe	650.00	650.00
	1	8 5/8 AFU insert	380.00	380.00
	4	8 5/8 Centralizers	110.00	440.00
	1	8 5/8 Rubber Plug	185.00	185.00
				22,098.83
		Less 25% Disc		- 5,524.71
				16,574.12
		SALES TAX		
		ESTIMATED TOTAL		

AUTHORIZATION Emilio Lopez TITLE \_\_\_\_\_ DATE 12-21-21

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.

# **Geological Report**

**American Warrior, Inc.**

**Davies #1-30**

**1756' FNL & 759' FEL**

**Sec. 30, T34s, R31w**

**Seward County, Kansas**



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Davies #1-30  
1756' FNL & 759' FEL  
Sec. 30, T34s, R31w  
Seward County, Kansas  
API # 15-175-22280-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: December 19, 2021

Completion Date: January 4, 2022

Elevation 2720' G.L.  
2733' K.B.

Directions: From Liberal, KS at the intersection of Hwy 83 and Hwy 54. Go NE on Hwy 54 2 miles to Road 60. Go East 7 miles on Road 60 to S Road. Go South 0.5 miles on Road S and East into.

Casing: 1745' 8 5/8" #24 Surface Casing

Samples: 4250' to RTD

Drilling Time: 4250' to RTD

Electric Logs: Pioneer Energy Services "J. Henderson"  
Full Sweep

Drillstem Tests: Three-Trilobite Testing "Brandon Turley"

Remarks: Drilled surface and shut down for Christmas.

**Formation Tops**  
**Davies #1-30**  
**Sec. 30, T34s, R31w**  
**1756' FNL & 759' FEL**

<b>Heebner</b>	<b>4363' -1630</b>
<b>Lansing</b>	<b>4498' -1765</b>
<b>Marmaton</b>	<b>5230' -2497</b>
<b>Morrow</b>	<b>5770' -3037</b>
<b>RTD</b>	<b>6000' -3267</b>
<b>LTD</b>	<b>6006' -3273</b>

**Sample Zone Descriptions**

- Toronto**                    **(4404',-1671):**            **Covered in DST #1**  
Limestone Tan. Sub crystalline. Poor oomoldic and oolycastic porosity. Barren. No odor. Very poor stream cut florescence. 40 unit hotwire.
- Iola**                            **(4861',-2128):**            **Covered in DST #2**  
Limestone Tan. Sub crystalline. Good oomoldic and oolycastic porosity. Barren. No odor. No florescence. 10 unit hotwire.
- Drum**                            **(4890',-2157):**            **Covered in DST #2**  
Limestone Offwhite. Sub crystalline. Fair oomoldic porosity. Barren. No odor. No florescence. 25 unit hotwire.
- Altamont A**                    **(5230',-2497):**            **Covered in DST #3**  
Limestone tan. Sub crystalline. Dense. Barren. Slight odor. Poor stream cut florescence. 65 unit hotwire.
- Morrow Keyes**                **(5907',-3174):**            **Not tested**  
Sandstone. Medium to coarse grain. Poorly sorted. Sub angular grains. Glauconitic. Barren. Very poor stream cut florescence. 20 unit hotwire.



**Drill Stem Tests**  
Trilobite Testing  
“Brandon Turley”

**DST #1**      **Toronto**  
Interval (4400' – 4428') Anchor 28'  
**Misrun (Packer Failure)**  
Recovery:      248' Mud

**DST #2**      **Lansing Iola-Drum**  
Interval (4824' – 4910') Anchor 86'  
IHP    - 2437 #  
IFP    - 30"    -- BOB in 2 min      178-678 #  
ISI    - 45"    -- No return              1418 #  
FFP    - 30"    -- BOB in 4 min      699-998 #  
FSIP   - 45"    -- No Return              1417 #  
FHP    - 2317 #  
BHT    - 121° F  
Recovery:      186' MCW  
                    186' MCW  
                    1612' Water

**DST #3**      **Altamont A**  
Interval (5100' – 5275') Anchor 175'  
IHP    - 2565 #  
IFP    - 30"    -- BOB in 23 min      34-55 #  
ISI    - 30"    -- No return              1032 #  
FFP    - 30"    -- BOB in 14 min      58-76 #  
FSIP   - 30"    -- No Return              917 #  
FHP    - 2427 #  
BHT    - 120° F  
Recovery:      372' GIP  
                    120' GCM

## Structural Comparison

Formation	American Warrior, Inc Davies #1-30 Sec 30, T34s, R31w 1756' FNL & 759' FEL		Charter Production Co Sprinkle #1 Sec 29, T34s, R31w 660' FNL & 660' FWL		American Warrior, Inc. Handy #7-29 Sec 29, T34s, R31w 2285' FSL & 522' FWL
Heebner	4363' -1630	-6	4363' -1624	+10	4375' -1640
Lansing	4498' -1765	-6	4490' -1761	+10	4510' -1775
Marmaton	5230' -2497	-7	5220' -2490	+10	5242' -2507
Morrow	5770' -3037	-10	5756' -3027	+12	5784' -3049
St. Gen	NA	NA	6213' -3484	NA	6214' -3479

## Summary

The location for the Davies #1-30 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted, none of which recovered commercial amounts of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Davies #1-30 well.

Respectfully Submitted,

Kevin Timson  
Palmer Oil, Inc.





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

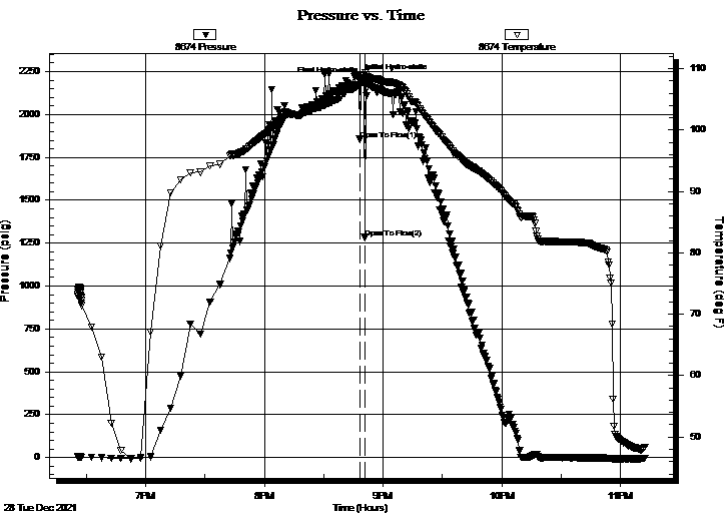
**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68377      **DST#: 1**  
Test Start: 2021.12.28 @ 18:25:39

## GENERAL INFORMATION:

Formation: **Toronto**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 20:48:09  
Time Test Ended: 23:12:09  
Interval: **4400.00 ft (KB) To 4428.00 ft (KB) (TVD)**  
Total Depth: 4428.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2733.00 ft (KB)  
2722.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8674      Outside**  
Press@RunDepth:                      psig @ 4401.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2021.12.28      End Date: 2021.12.28      Last Calib.: 2021.12.28  
Start Time: 18:25:44      End Time: 23:12:08      Time On Btm: 2021.12.28 @ 20:47:39  
Time Off Btm: 2021.12.28 @ 20:51:09

TEST COMMENT: Packer failure



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.71	107.39	Initial Hydro-static
1	1854.94	108.53	Open To Flow (1)
3	1282.76	108.22	Open To Flow (2)
4	2190.63	109.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	mud 100%m	1.88

## Gas Rates

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



TRILOBITE  
TESTING, INC

## DRILL STEM TEST REPORT

American Warrior Inc  
P.O. Box 399  
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ATTN: Kevn Timson

**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68377      **DST#: 1**  
Test Start: 2021.12.28 @ 18:25:39

### GENERAL INFORMATION:

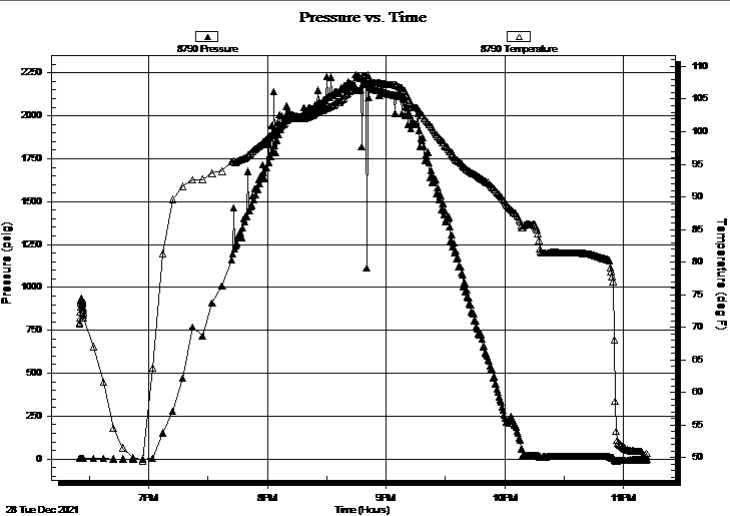
Formation:	<b>Toronto</b>	Test Type:	Conventional Bottom Hole (Initial)
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	20:48:09	Tester:	Brandon Turley
Time Test Ended:	23:12:09	Unit No:	79
<b>Interval:</b>	<b>4400.00 ft (KB) To 4428.00 ft (KB) (TVD)</b>	Reference Elevations:	2733.00 ft (KB) 2722.00 ft (CF)
Total Depth:	4428.00 ft (KB) (TVD)	KB to GR/CF:	11.00 ft
Hole Diameter:	7.88 inches	Hole Condition:	Good

### Serial #: 8790

Inside

Press@RunDepth:	psig @	4401.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2021.12.28	End Date:	2021.12.28	Last Calib.:
Start Time:	18:25:12	End Time:	23:11:36	Time On Btm:
				Time Off Btm:

TEST COMMENT: Packer failure



### PRESSURE SUMMARY

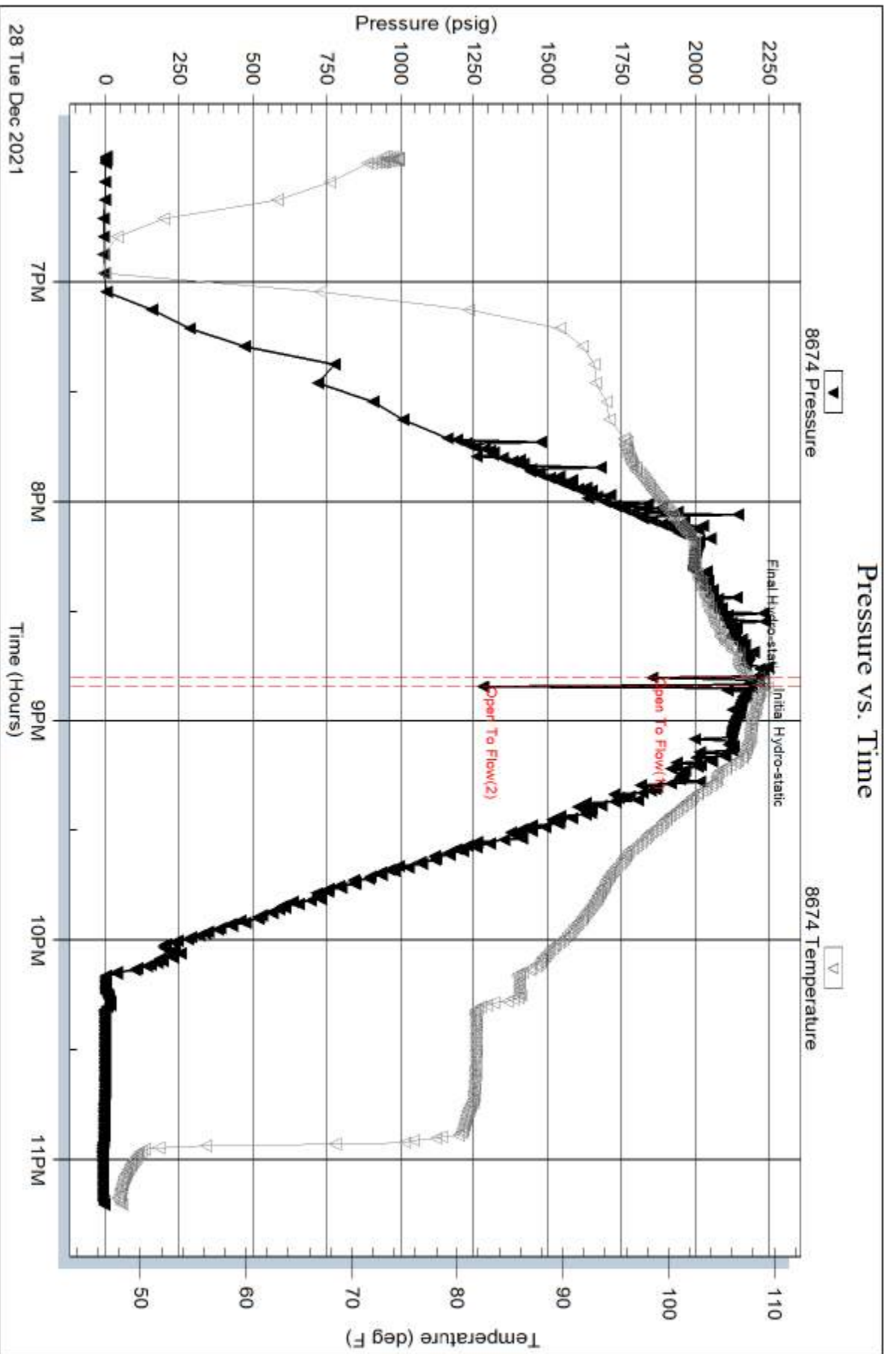
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
248.00	mud 100%m	1.88

### Gas Rates

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



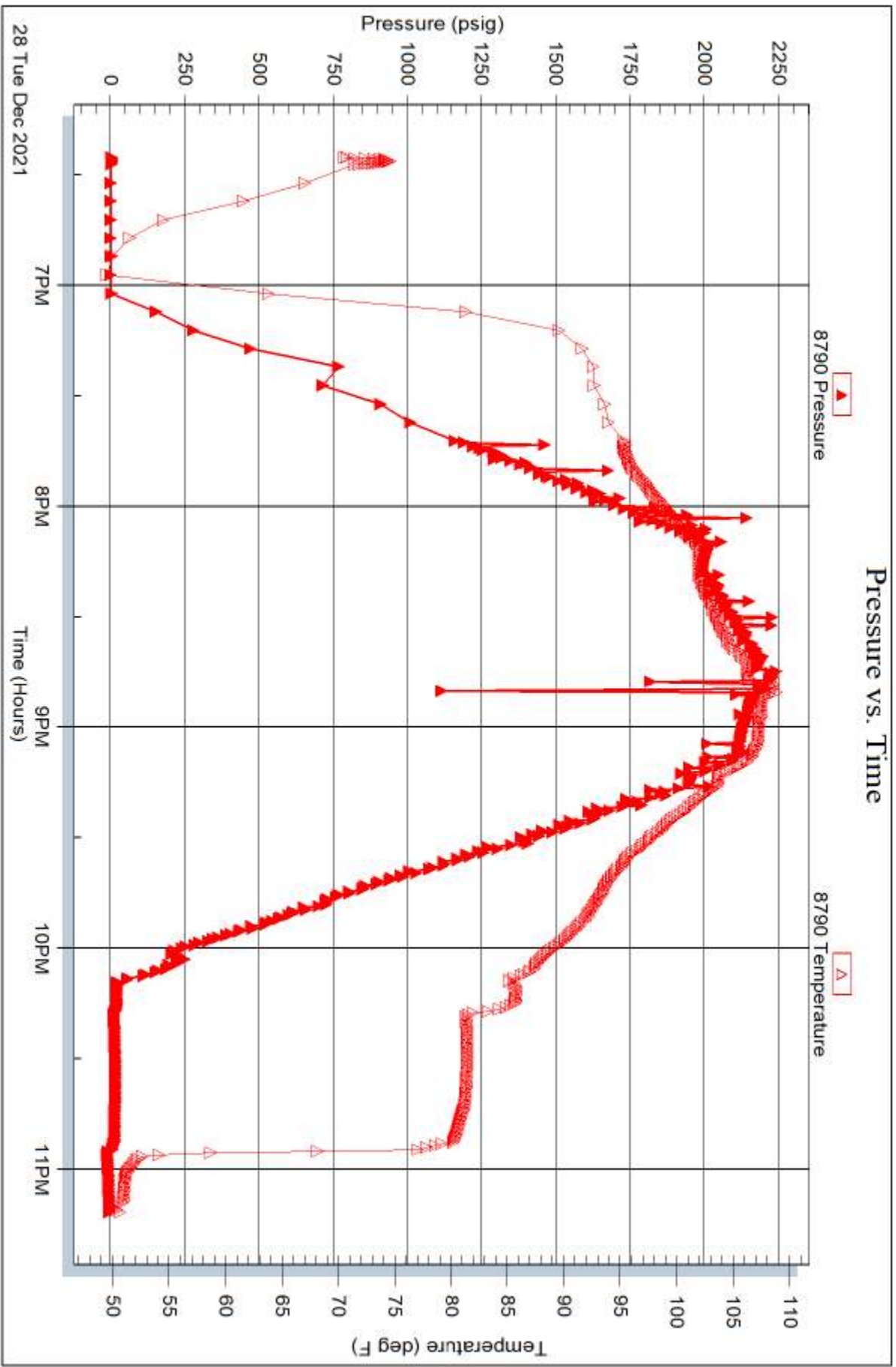
Serial #: 8790

Inside

American Warrior Inc

Davies 1-30

DST Test Number: 1





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American Warrior Inc  
P.O. Box 399  
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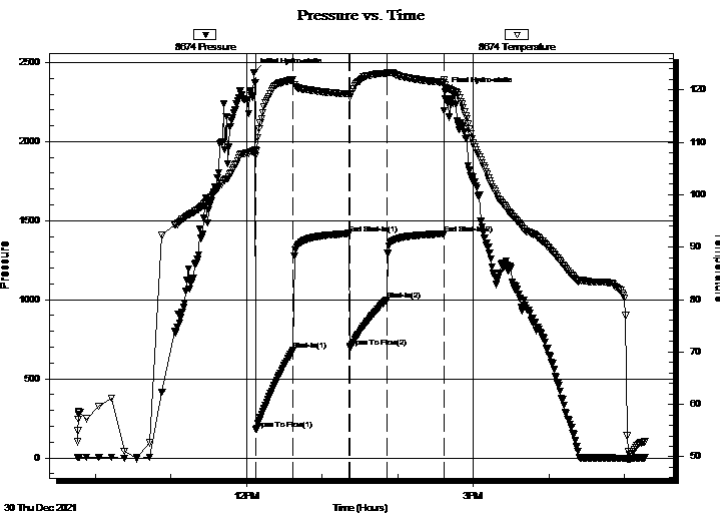
**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68378      **DST#: 2**  
Test Start: 2021.12.30 @ 09:45:49

## GENERAL INFORMATION:

Formation: **Lola- Drum**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:07:19  
Time Test Ended: 17:16:19  
Interval: **4824.00 ft (KB) To 4910.00 ft (KB) (TVD)**  
Total Depth: 4910.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2733.00 ft (KB)  
2722.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8674      Outside**  
Press@RunDepth: 998.45 psig @ 4825.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2021.12.30      End Date: 2021.12.30      Last Calib.: 2021.12.30  
Start Time: 09:45:54      End Time: 17:16:18      Time On Btm: 2021.12.30 @ 12:05:49  
Time Off Btm: 2021.12.30 @ 14:37:19

TEST COMMENT: IF: BOB in 2 mins. 107  
IS: No return.  
FF: BOB in 4 mins 63  
FS: No return. 30-45-30-45



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2437.21	108.41	Initial Hydro-static
2	178.69	107.51	Open To Flow (1)
31	678.87	121.97	Shut-In(1)
76	1418.52	119.26	End Shut-In(1)
77	699.53	119.25	Open To Flow (2)
106	998.45	123.19	Shut-In(2)
151	1417.15	121.45	End Shut-In(2)
152	2317.37	120.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1612.00	water 100%w	20.99
186.00	mcw 80%w 20%m	2.61
186.00	mcw 60%w 40%m	2.61

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68378      **DST#: 2**  
Test Start: 2021.12.30 @ 09:45:49

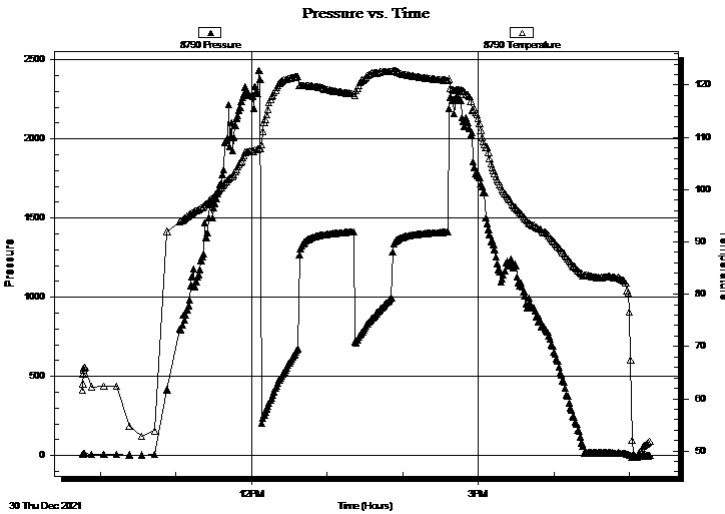
**GENERAL INFORMATION:**

Formation: **Lola- Drum**  
Deviated: No    Whipstock:                  ft (KB)  
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Time Test Ended: 17:16:19  
Interval: **4824.00 ft (KB) To 4910.00 ft (KB) (TVD)**  
Total Depth: 4910.00 ft (KB) (TVD)  
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Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2733.00 ft (KB)  
2722.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8790**      **Inside**  
Press@RunDepth:                  psig @ 4825.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2021.12.30      End Date: 2021.12.30      Last Calib.: 2021.12.30  
Start Time: 09:46:00      End Time: 17:16:24      Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF: BOB in 2 mins. 107  
IS: No return.  
FF: BOB in 4 mins 63  
FS: No return. 30-45-30-45

**PRESSURE SUMMARY**



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

**Recovery**

**Gas Rates**

Length (ft)	Description	Volume (bbl)
1612.00	water 100%w	20.99
186.00	mcw 80%w 20%m	2.61
186.00	mcw 60%w 40%m	2.61

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68378      **DST#: 2**  
Test Start: 2021.12.30 @ 09:45:49

### Mud and Cushion Information

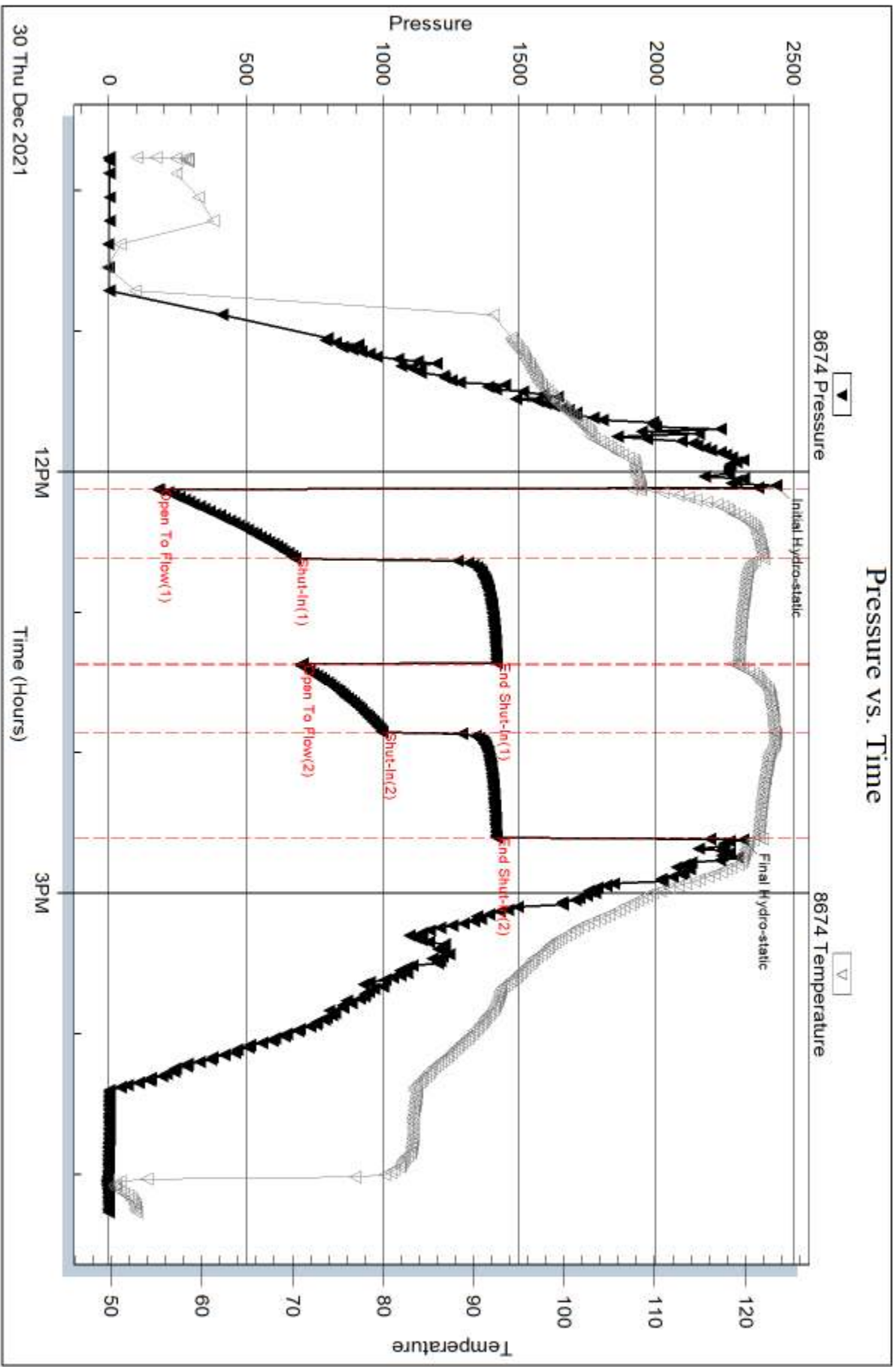
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 35000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.80 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1612.00	water 100%w	20.991
186.00	mcw 80%w 20%m	2.609
186.00	mcw 60%w 40%m	2.609

Total Length: 1984.00 ft      Total Volume: 26.209 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: .28@53=35000



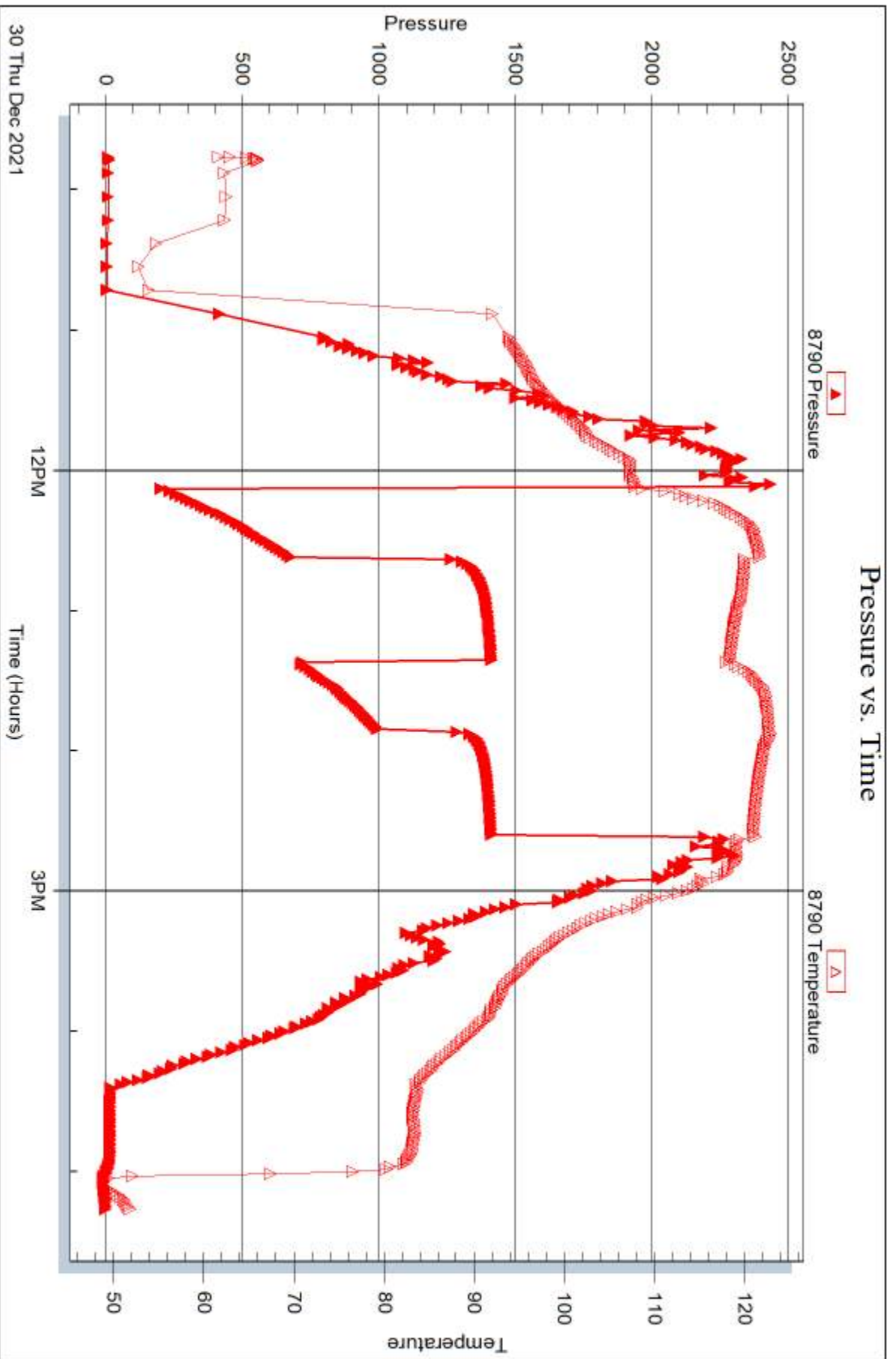
Serial #: 8790

Inside

American Warrior Inc

Davies 1-30

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 68378

Printed: 2021.12.30 @ 20:15:11



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68379      **DST#: 3**  
Test Start: 2021.12.31 @ 22:58:49

## GENERAL INFORMATION:

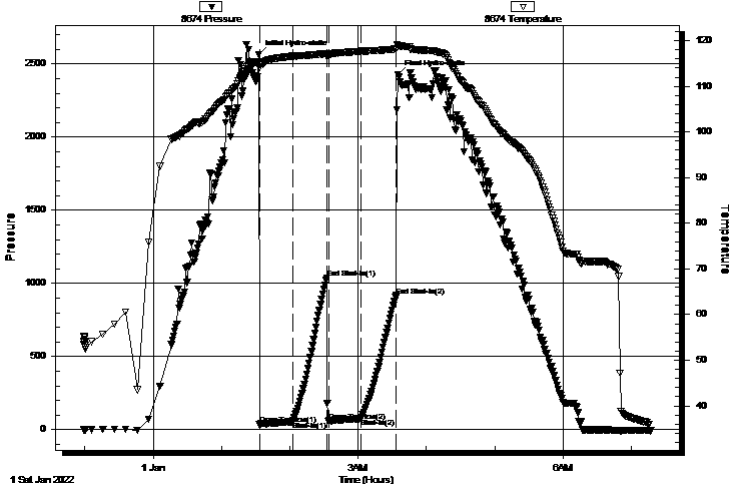
Formation: **Altamont A**  
Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 01:33:19      Tester: Brandon Turley  
Time Test Ended: 07:17:19      Unit No: 79  
**Interval: 5100.00 ft (KB) To 5275.00 ft (KB) (TVD)**      Reference Elevations: 2733.00 ft (KB)  
Total Depth: 5275.00 ft (KB) (TVD)      2722.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: Good      KB to GR/CF: 11.00 ft

### Serial #: 8674      Outside

Press@RunDepth: 76.60 psig @ 5101.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2021.12.31      End Date: 2022.01.01      Last Calib.: 2022.01.01  
Start Time: 22:58:54      End Time: 07:17:18      Time On Btm: 2022.01.01 @ 01:32:49  
Time Off Btm: 2022.01.01 @ 03:34:49

TEST COMMENT: IF: BOB in 23 mins. 13 1/2  
IS: No return.  
FF: BOB in 14 mins. 16  
FS: No return. 30s

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2565.25	115.30	Initial Hydro-static
1	34.83	114.04	Open To Flow (1)
30	55.21	116.59	Shut-In(1)
60	1035.20	117.18	End Shut-In(1)
61	58.53	116.98	Open To Flow (2)
90	76.60	117.66	Shut-In(2)
121	917.07	118.18	End Shut-In(2)
122	2427.78	118.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	gcm 10%g 90&m	0.59
0.00	372 GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

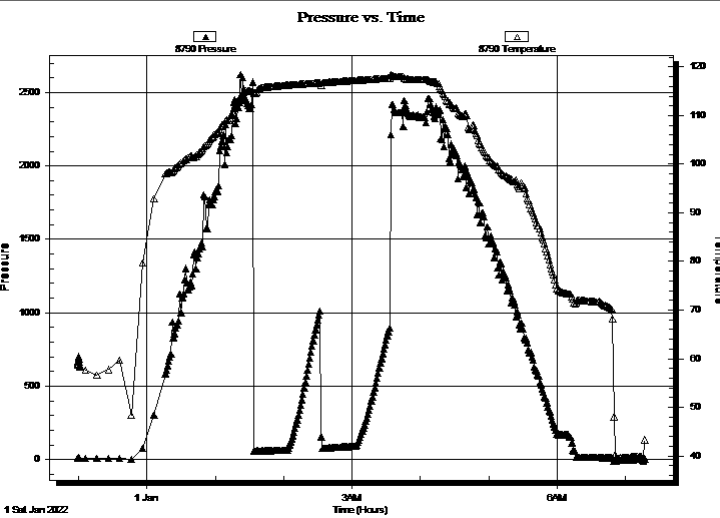
**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68379 **DST#: 3**  
Test Start: 2021.12.31 @ 22:58:49

## GENERAL INFORMATION:

Formation: **Altamont A**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 01:33:19  
Time Test Ended: 07:17:19  
Interval: **5100.00 ft (KB) To 5275.00 ft (KB) (TVD)**  
Total Depth: 5275.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 2733.00 ft (KB)  
2722.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8790 Inside**  
Press@RunDepth: psig @ 5101.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2021.12.31 End Date: 2022.01.01 Last Calib.: 2022.01.01  
Start Time: 22:59:03 End Time: 07:17:27 Time On Btm:  
Time Off Btm:

TEST COMMENT: IF: BOB in 23 mins. 13 1/2  
IS: No return.  
FF: BOB in 14 mins. 16  
FS: No return. 30s



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

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	gcm 10%g 90&m	0.59
0.00	372 GIP	0.00

\* Recovery from multiple tests

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Kevn Timson

**30-34s-31w Seward**  
**Davies 1-30**  
Job Ticket: 68379      **DST#: 3**  
Test Start: 2021.12.31 @ 22:58:49

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

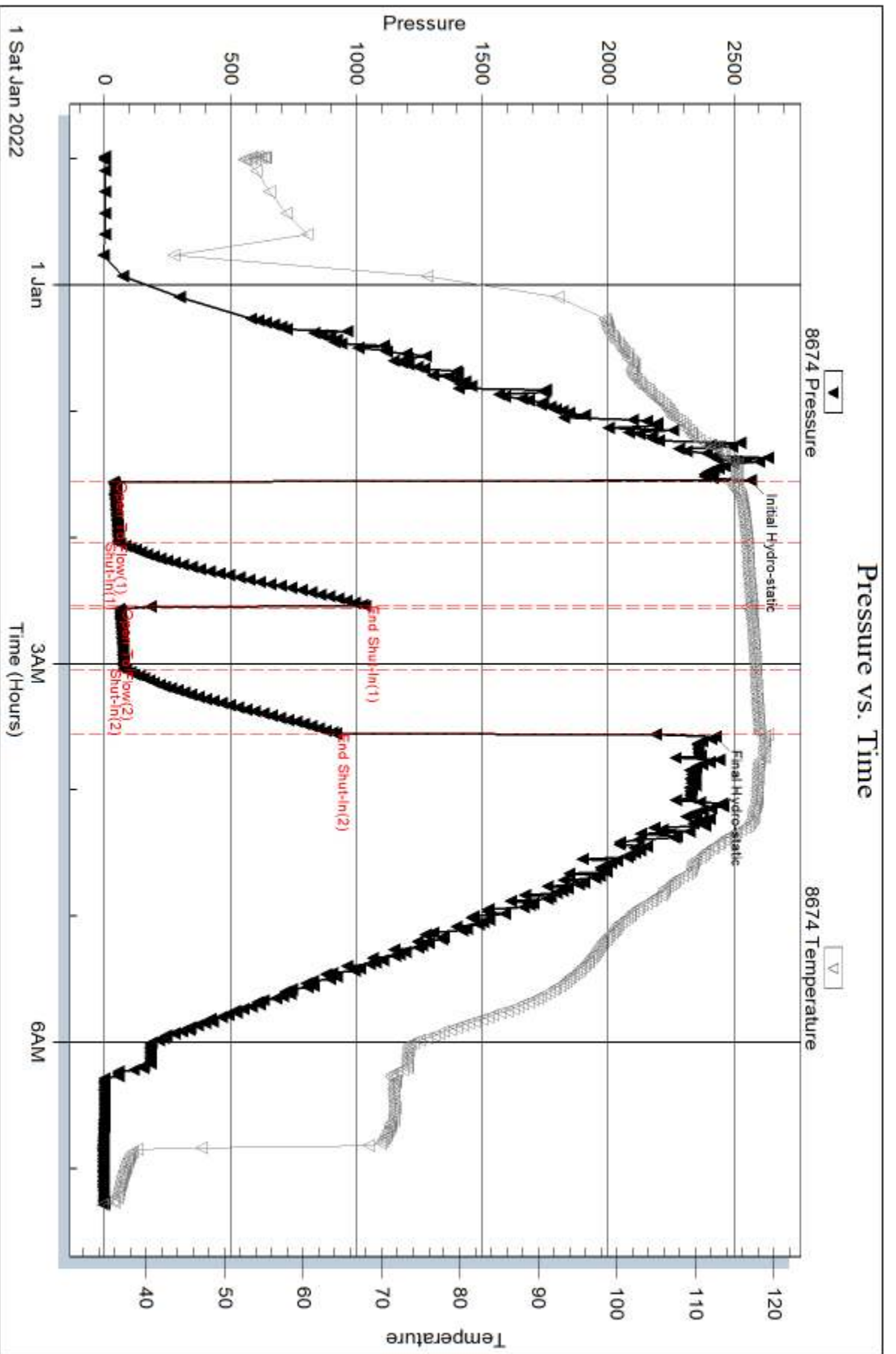
Length ft	Description	Volume bbl
120.00	gcm 10%g 90&m	0.590
0.00	372 GIP	0.000

Total Length: 120.00 ft      Total Volume: 0.590 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





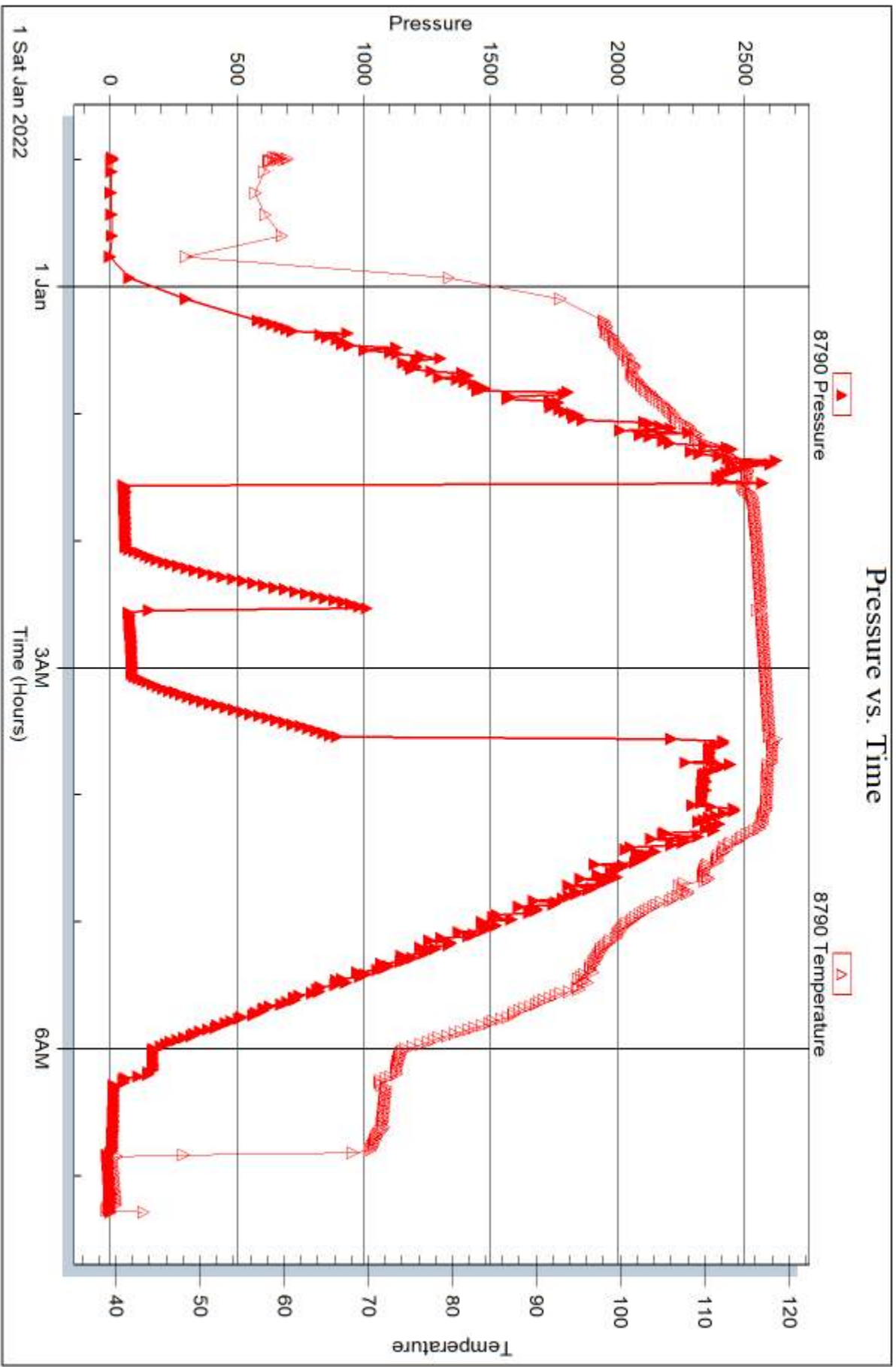
Serial #: 8790

Inside

American Warrior Inc

Davies 1-30

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 68379

Printed: 2022.01.01 @ 07:57:41