

Confidentiality Requested:

☒ Yes ☐ NoKANSAS 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 # 4058

Name: American Warrior, Inc.

Address 1: PO BOX 399

Address 2:

City: GARDEN CITY State: KS Zip: 67846 + 0399

Contact Person: Octavio Morales

Phone: (620) 275-2963

CONTRACTOR: License # 5929

Name: Duke Drilling Co., Inc.

Wellsite Geologist: Marc Downing

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 #:

8/20/2024 8/31/2024 9/18/2024

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: 15-193-21130-00-00

Spot Description:

NW-NE-SE-SE Sec. 21 Twp. 6 S. R. 31 ☐ East ☒ West1218 Feet from ☐ North / ☒ South Line of Section349 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

GPS Location: Lat: (e.g. xx.xxxxxx), Long: (e.g. -xxx.xxxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Thomas

Lease Name: WARK Well #: 1-21

Field Name:

Producing Formation: Lansing

Elevation: Ground: 2951 Kelly Bushing: 2962

Total Vertical Depth: 4563 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 336 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set: 2696 Feet

If Alternate II completion, cement circulated from: 2696

feet depth to: 0 w/ 225 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 29000 ppm Fluid volume: 120 bbls

Dewatering method used: Evaporated

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: 09/19/2024

☐ Confidential Release Date: 09/19/2026☒ Wireline Log Received ☒ Drill Stem Tests Received☒ Geologist Report / Mud Logs Received☐ UIC DistributionALT ☒ I ☐ II ☐ III Approved by: Kelsey Cox Date: 09/20/2024

Operator Name: American Warrior, Inc. Lease Name: WARK Well #: 1-21
 Sec. 21 Twp. 6 S. R. 31 ☐ East ☒ West County: Thomas

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No Geologist Report / Mud Logs ☒ Yes ☐ No List All E. Logs Run: Attached	☐ Log Formation (Top), Depth and Datum ☐ Sample Name Attached Top Attached Datum Attached
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CASING RECORD ☒ New ☐ 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
Surface	12.25	8.625	23	336	H-325	225	3%cc
Production	7.75	5.5	15.5	4558	standard	200	1/4flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ 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: <u>9/18/2024</u>		Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top <u>4050</u> Bottom <u>4054</u>
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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>
4	4050	4054			
TUBING RECORD: Size: Set At: Packer At:					

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	WARK 1-21
Doc ID	1795431

All Electric Logs Run

Dual Induction
Microresistivity
Dual Comp Porosity
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	WARK 1-21
Doc ID	1795431

Tops

Name	Top	Datum
Anhydrite	2639	323
Base	2678	288
Topeka	3750	-788
Heebner	3930	-967
Lansing	3976	-1013
Stark	4155	-1194
BKC	4207	-1246
Pawnee	4326	-1364
Cherokee	4416	-1453
Miss	4524	-1561
RTD	4563	-1600
LTD	4562	-1599

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	WARK 1-21
Doc ID	1795431

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	336	H-325	225	3%cc
Production	7.75	5.5	15.5	4558	standard	200	1/4flocele



Services, Inc.

CHARGE TO:

American Warrior Inc

ADDRESS

CITY, STATE, ZIP CODE

TICKET

51317

PAGE 1 OF 2

SERVICE LOCATIONS

WELL/PROJECT NO.

LEASE

COUNTY/PARISH

STATE

CITY

DATE

OWNER

1. Ness City, KS

1-21

Wells

Thomas

KS

03/30/34

Swamp

2. Ness City, KS

1-21

Wells

Thomas

KS

03/30/34

Swamp

3. Ness City, KS

1-21

Wells

Thomas

KS

03/30/34

Swamp

4. REFERRAL LOCATION

INVOICE INSTRUCTIONS

WELL CATEGORY

JOB PURPOSE

WELL PERMIT NO.

WELL LOCATION

PRICE REFERENCE SECONDARY REFERENCE/ PART NUMBER

ACCOUNTING LOC ACCT DF

DESCRIPTION

QTY. U/M

QTY. U/M

UNIT PRICE

AMOUNT

575 1

MILEAGE

#110

100 mi

1

8.00

800.00

578 1

Pump Charge - long string

1 EA

1

1750.00

1750.00

390 1

D-Air

4 gals

1

45.00

180.00

281 1

Mud flush

500 gal

1

2.50

1250.00

281 1

Liquid KCL

2 gal

1

25.00

50.00

403 1

Convent Basket 8 1/2"

2 EA

1

350.00

700.00

404 1

Art Collar 5 1/2"

1 EA

1

2600.00

2600.00

406 1

Latch Down, Plug & Buffer 5 1/2"

1 EA

1

300.00

300.00

407 1

Insert Float & Shear/Airline 5 1/2"

1 EA

1

400.00

400.00

409 1

Turbolizers 5 1/2"

12 EA

1

110.00

1320.00

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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

AGREE

UNDECIDED

DISAGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?

☐ CUSTOMER DID NOT WISH TO RESPOND

YES

NO

TOTAL

16890.49

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

SWIFT OPERATOR

APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 37377

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	CUSTOMER DESCRIPTION	WELL				DATE	PAGE	OF
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325		2				Standard Cement	200	SKS			08/30/24	2	3
279		2				Best Quality Coal	8	SKS					
283		2				Salt	1100	lbs					
292		2				Halod 322	100	lbs					
276		2				Flocele	50	lbs					
SERVICE CHARGE							CUBIC FEET						
581		2				Central	200	SKS					
583		2				MILEAGE TOTAL WEIGHT CHARGE	202.50	LOADED MILES	100	TON MILES	1022.50		
CONTINUATION TOTAL													

4,537.50

08/30/24

CUSTOMER

WELL NO.

LEASE

JOB TYPE

TICKET NO.

American Mammals of the

1-21

Black

Long Steins

37327

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0915							On location w/ Float Equipment
								RTD - 4563' LTD - 4562'
								114 Jts of 5 1/2" x 15.5# - 45417'
								Set 4558' - 5' off Bottom
								Shoe JT - 36 24' Baffle - 4522'
								Part Collar - top of 49 @.
								Turbalizers - 2, 3, 6, 7, 1, 12, 13, 14, 15, 16, 17, 50
								Baskets - 48, 49
								Marker - It is between 11, 7 & 8
	1025							Start Casing w/ FE
	1245							Break Circulation on Bottom
	1355	2	8					Plug Ruthick w/ 30 SK's
		2	5					Plug Mueschelt w/ 20 SK's
		5	12			300		Pump mudfls
		5	20			300		Pump KCL spacer
		4						Start Cement
		4	40			Unc		Finish Cement shut down
								Drop Plug, without Pump + Lines
	1435	9						Start Displacement
		8 1/2	80			500		Catch Pressure
		6	105			900		Lift
	1450	6	108			1500		Land Plug
	1455							Release Truck, Dry
								Wash up
								Back up
	1515							Job Complete
								Thanks
								Tony, Justin, + Austin



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
8/30/2024	37377

BILL TO
American Warrior, Inc. #2447 P O Box 399 Garden City, KS 67846

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-21	Wark	Thomas	Duke Drlg Rig #5	Oil	Development	Longstring	Jonathan
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
		Wark #1-21 - # 130470						
575D		Mileage - 1 Way			100	Miles	8.00	800.00
578D-L		Pump Charge - Long String			1	Job	1,750.00	1,750.00
290		D-Air			4	Gallon(s)	45.00	180.00T
281		Mud Flush			500	Gallon(s)	2.50	1,250.00T
221		Liquid KCL (Clayfix)			2	Gallon(s)	25.00	50.00T
403-5		5 1/2" Cement Basket			2	Each	350.00	700.00T
404-5		5 1/2" Port Collar			1	Each	2,600.00	2,600.00T
406-5		5 1/2" Latch Down Plug & Baffle			1	Each	300.00	300.00T
407-5		5 1/2" Insert Float Shoe With Auto Fill			1	Each	400.00	400.00T
409-5		5 1/2" Turbolizer			12	Each	110.00	1,320.00T
325		Standard Cement			200	Sacks	17.50	3,500.00T
279		Bentonite Gel			8	Sack(s)	30.00	240.00T
283		Salt			1,100	Lb(s)	0.25	275.00T
292		Halad 322			100	Lb(s)	9.00	900.00T
276		Flocele			50	Lb(s)	4.00	200.00T
581D		Service Charge Cement			200	Sacks	2.00	400.00
583D		Drayage			1,022.5	Ton Miles	1.00	1,022.50
		Subtotal						15,887.50
		Sales Tax Thomas County					8.25%	982.99
We Appreciate Your Business!							Total	\$16,870.49



Services, Inc.

#13042

TICKET 37361

CHARGE TO: American Interior
ADDRESS
CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS
1. Hays
2. Ness City
3.
4.
WELL/PROJECT NO. 1-21
LEASE Mark
COUNTY/PARISH Thomas
RIG NAME/NO.
STATE KS
CITY
DEVELOPMENT
Job PURPOSE
Part Collar
WELL PERMIT NO.
WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QUANTITY			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE Tax 111	100	mi		8.00	800.00
576D		1			Pump Charge - Part Collar	1	ea		1750.00	1750.00
290		1			Data	3	hrs		45.00	135.00
275		1			Gallon Seen Hully	2	bx		40.00	80.00
330		2			Swift Multi Density	225	sq		24.00	5400.00
276		2			Floacle	50	lbs		4.00	200.00
581		2			Service Charge Car	300	hrs		2.00	600.00
583		2			Drayage	1414	mi		1.00	1414.00
105		2			Poor Cover Tool Rental w/mul	1	tool			400.00

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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?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE?
☐ YES
☐ NO
☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL

TOTAL

Thomas

11291.14

SWIFT OPERATOR

APPROVAL

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

9-12-24

PAGE NO.

CUSTOMER

American Warrior

WELL NO.

1-21

LEASE

Wark

JOB TYPE

Port Collar

TICKET NO.

37361

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							On location
								TDG- 2 3/8 csg- 5 1/2
								Port Collar - 2694
								1000 Test tools
		3				1200		open port Collar
		5	0			1800		take injection Rate
		5	110			1800		START CMT - @ 1 1/2 ppq
								CMT Circ - Raise wgt to 140 ppq
								for 25 sx
		5	115			1800		END CMT - 225 sx total w/ 25 topit
		3	9			1500		Disp
								Run 4 sts
		5	25					Reverse DOT
	1200							JOB Complete
								Thanks
								David, Seth & Austin

**CEMENT TREATMENT REPORT**

Customer: AMERICAN WARRIOR

Well: WARK 1-21

Ticket: WP 5673

City, State: REXFORD,KS

County: THOMAS/KS

Date: 8/20/2024

Field Rep: CARLOS

S-T-R: SEC.21-6S-31W

Service: SURFACE

Downhole Information

Hole Size: 12 1/2 in
Hole Depth: 357.42 ft
Casing Size: 8 5/8 in
Casing Depth: 352.42 ft
Tubing / Liner: in
Depth: ft
Tool / Packer:
Tool Depth: ft
Displacement: 21.2 bbls

Calculated Slurry - Lead

Blend: H-325
Weight: 14.8 ppg
Water / Sx: 6.9 gal / sx
Yield: 1.41 ft³ / sx
Annular Bbls / Ft.: 0.0735 bbs / ft.
Depth: 357.42 ft
Annular Volume: 26.3 bbls
Excess:
Total Slurry: 56.5 bbls
Total Sacks: 225 sx

Calculated Slurry - Tail

Blend:
Weight: ppg
Water / Sx: gal / sx
Yield: ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0 bbls
Excess:
Total Slurry: 0.0 bbls
Total Sacks: 0 sx

STAGE TOTAL

TIME	RATE	PSI	BBLs	BBLs	REMARKS
------	------	-----	------	------	---------

1:30 PM			-	-	ARRIVE ON LOCATION
1:35 PM				-	RIG UP SAFETY MEETING
3:20 PM				-	CASING ON BOTTOM
3:35 PM	4.5	180.0	5.0	5.0	5BBL FW SPACER
3:38 PM	5.0	300.0	56.5	61.5	CMT H-325 56.5BBL (225 SKS) H-325
3:53 PM	3.5	200.0	21.2	82.7	DISPLACEMENT
4:00 PM				82.7	RIG DOWN
4:30 PM				82.7	DEPART LOCATION
				82.7	
				82.7	
				82.7	

CREW**UNIT****SUMMARY**

Cementer: ROGER GASTON

945

Pump Operator: MICHEAL R

230

Bulk #1:

JOSE.T

538-530

Bulk #2:

Average Rate

4.3 bpm

Average Pressure

227 psi

Total Fluid

83 bbls

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

ftv: 13-2021/01/19
mplv: 458-2024/07/15

Geological Report

American Warrior, Inc.

Wark #1-21

1218' FSL & 349' FEL

Sec. 21, T6s, R31w

Thomas County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Wark #1-21 1218' FSL & 349' FEL Sec. 21, T6s, R31w Thomas County, Kansas API # 15-193-21130-0000
Drilling Contractor:	Duke Drilling Co. Rig #5
Geologist:	Marc Downing
Spud Date:	August 20, 2024
Completion Date:	August 31, 2024
Elevation	2951' G.L. 2962' K.B.
Directions:	From Rexford, KS at the intersection of Hwy 83 and Road 36. Go North 3.5 miles to County Road BB. Go West 2 miles to Co RD 34. Go South 0.75 miles and West into.
Casing:	336' 8 5/8" #23 Surface Casing 4558' 5 1/2" #15.5 Production Casing 2696' Port Collar
Samples:	3750' to RTD 10' Wet & Dry
Drilling Time:	3650' to RTD
Electric Logs:	Midwest Wireline: "Dual Induction, Microresistivity, Dual Compensated Porosity, Borehole Compensated Sonic"
Drillstem Tests:	Four-Trilobite Testing "James Winder"
Problems:	None

Formation Tops
Wark #1-21
Sec. 21, T6s, R31w
1218' FSL & 349' FEL

Anhydrite	2639' +323
Base	2678' +288
Topeka	3750' -788
Heebner	3930' -967
Lansing	3976' -1013
Stark	4155' -1194
BKc	4207' -1246
Pawnee	4326' -1364
Cherokee	4416' -1453
Miss	4524' -1561
RTD	4563' -1600
LTD	4562' -1599

Sample Zone Descriptions

Toronto (3960',-998): Covered in DST #1

LS: tan-wht, md xln, few rx w/ lr foss. Gd intxln por w/ scat gd vugs. Gd sat stn w/ gd SFO. Trn md-lrg xln, more foss w/ scat lrg ool. Gd intxln and vug por, gd sat stn w/ gd SFO. Vgd-strng od, fr grn flour, gd flash cut, scum free oil on cup.

Lansing F (4050',-1088): Covered in DST #3

LS: wht, md xln, many frag foss, some sml some lr, w/ scat sml ool. Fr-gd vug and int foss por, few titer x. Gd lt brn sat stn w/ gd SFO when broken. Fr-gd grn flour, gd flash cut, lt od.

Pawnee (4326',-1364): Covered in DST #4

LS: tan-wht, md xln, foss in prt w/ scat ool. Fr-gd intxln por w/ fr vugs. Gd brn sat stn w/ gd SFO when broken, gssy in prt. Fr grn flour, fr strm cut, fr od. Trng sub xln-chlky w/ less show w/ depth.

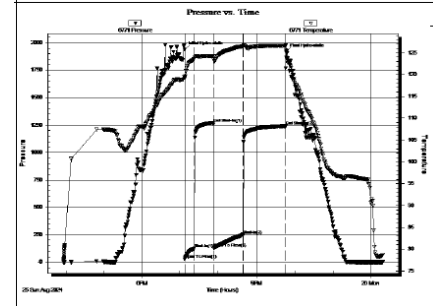
Drill Stem Tests
Trilobite Testing
“James Winder”

DST #1

Toronto

Interval (3928' – 3968') Anchor 40'

IHP	- 1938 #	
IFP	- 15" – BOB in 10min	27-124 #
ISI	- 30" – WSB	1268 #
FFP	- 45" – BOB in 10min	132-251 #
FSIP	- 60" – 4" return	1241 #
FHP	- 1919 #	
BHT	- 127° F	



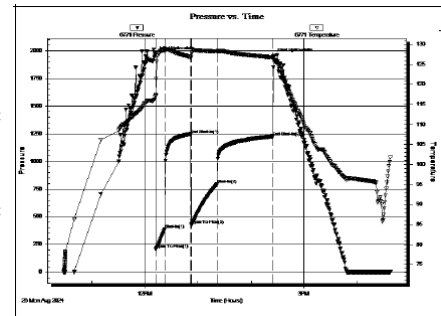
Recovery: 215' SMC GO (88% Oil)
40' MWCO (77% Oil, 10% Water)
145' GOWCM (14% Oil, 30% Water)
177' SOMCW (7% Oil, 66% Water)
230' GIP

DST #2

LKC C

Interval (3988' – 4010') Anchor 22'

IHP	- 1962 #	
IFP	- 10" – BOB in 1.5 min	212-389 #
ISI	- 30" – No Return	1246 #
FFP	- 30" – BOB in 1.75 min	428-794 #
FSIP	- 60" – No Return	1225 #
FHP	- 1950 #	
BHT	- 127° F	



Recovery: 255' MCW w/ trace oil
505' SMCW w/ trace oil
925' W w/ trace oil

DST #3**Lansing F**

Interval (4030' – 4058') Anchor 28'

IHP - 1963 #

IFP - 10" – BOB in 1.75 min 133-231 #

ISI - 30" – 6.75" Return 1298 #

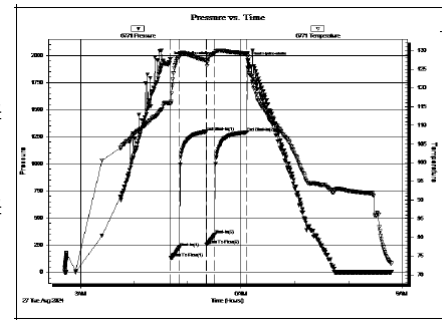
FFP - 10" – BOB in 2.25 min 254-345 #

FSIP - 30" – 8" Return 1292 #

FHP - 1957 #

BHT - 129° F

Recovery: 622' CGO (85% Oil)
 63' SMC GO (80% Oil)
 177' MCO (73% Oil)
 630' GIP

**DST #3****Pawnee**

Interval (4300' – 4347') Anchor 47'

IHP - 2123 #

IFP - 15" – WSB 18-24 #

ISI - 30" – No Return 1120 #

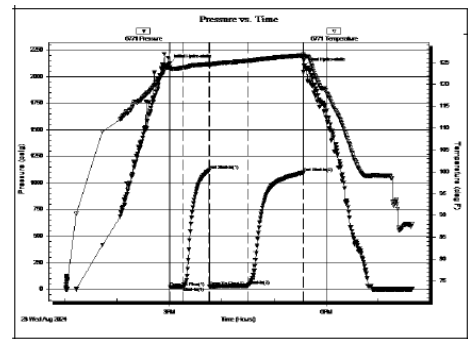
FFP - 45" – No blow 25-34 #

FSIP - 60" – No Return 1095 #

FHP - 2098 #

BHT - 127° F

Recovery: 45' SOCM (4% Oil)



Structural Comparison

Formation	American Warrior, Inc Wark #1-21 Sec 21, T6s, R31w 1218' FSL & 349' FEL		American Warrior, Inc. Dible #1-28 Sec 28, T6s, R31w 1218' FSL & 360' FEL		American Warrior, Inc. Mann #1-28 Sec 28, T6s, R31w 2020' FSL & 842' FWL
Heebner	3930' -967	-8	3922' -959	-5	3930' -962
Lansing	3976' -1013	-7	3969' -1006	-6	3975' -1007
BKc	4207' -1246	-11	4198' -1235	-4	4210' -1242
Fort Scott	NA	NA	4386' -1423	NA	4394' -1426
Cherokee	4416' -1453	-11	4405' -1442	-11	4410' -1442
Morrow	NA	NA	4442' -1479	NA	4450' -1482
Miss	4524' -1561	-2	4522' -1559	-9	4520' -1552

Summary

The location for the Wark #1-21 well was found via 3-D seismic survey. The new well ran structurally as expected. Four drill stem tests were conducted, two of which did recover commercial amounts of oil. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the Wark #1-21.

Recommended Perforations

Primary:	Lansing F	(4050' to 4054')	DST #3
Secondary:	Toronto	(3959' to 3963')	DST #1
	Lansing E	(4035' to 4039')	Not Tested
Before Abandonment:	Pawnee	(4328' to 4332')	DST #4
	Lansing H	(4096' to 4100')	Not Tested

Respectfully Submitted,

Marc Downing



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71637

DST#: 1

ATTN: Marc Downing

Test Start: 2024.08.25 @ 15:56:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:51

Time Test Ended: 00:19:06

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 73

Interval: 3928.00 ft (KB) To 3968.00 ft (KB) (TVD)

Total Depth: 3968.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771 Inside

Press@RunDepth: 250.81 psig @ 3929.00 ft (KB)

Start Date: 2024.08.25

End Date:

2024.08.26

Start Time: 15:56:01

End Time:

00:19:06

Capacity: 8000.00 psig

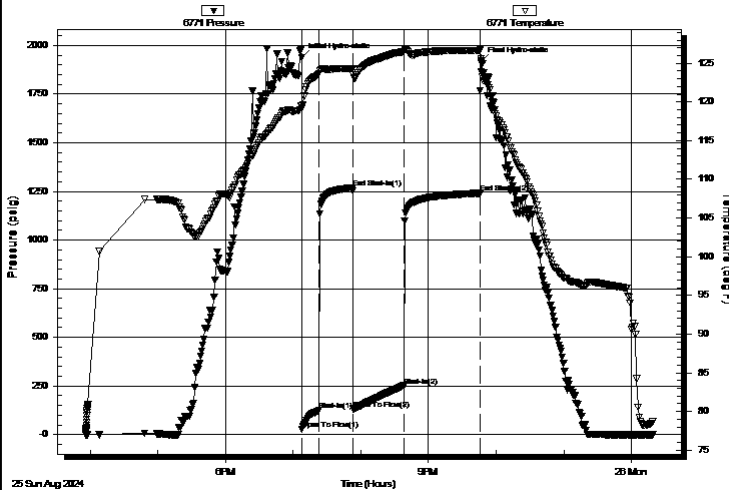
Last Calib.: 2024.08.26

Time On Btm: 2024.08.25 @ 19:07:36

Time Off Btm: 2024.08.25 @ 21:46:36

TEST COMMENT: 15 - IF: Blow built to BOB (11") at 10 min., built to 17 1/4"
30 - IS: Surface blow back towards the end of the shut in
45 - FF: Blow built to BOB at 10 min., built to 38 1/2"
60 - FSI: Blow back built to 4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.87	119.55	Initial Hydro-static
1	27.12	119.16	Open To Flow (1)
16	123.94	123.64	Shut-In(1)
45	1268.09	124.33	End Shut-In(1)
46	132.17	123.48	Open To Flow (2)
91	250.81	126.48	Shut-In(2)
158	1240.50	126.63	End Shut-In(2)
159	1919.17	125.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
177.00	SO/MCW 66%w, 27%m, 7%o	0.87
145.00	GOWCM 48%m, 30%w, 14%o, 8%g	2.03
40.00	MWCO 77%o, 10%w, 8%m, 5%g	0.56
215.00	SMCGO 88%o, 8%g, 4%m	3.02
0.00	GIP = 230'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71637

DST#: 1

ATTN: Marc Downing

Test Start: 2024.08.25 @ 15:56:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:51

Time Test Ended: 00:19:06

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 73

Interval: 3928.00 ft (KB) To 3968.00 ft (KB) (TVD)

Reference Elevations: 2962.00 ft (KB)

Total Depth: 3968.00 ft (KB) (TVD)

2951.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3929.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.08.25

End Date:

2024.08.26

Last Calib.:

2024.08.26

Start Time: 15:56:01

End Time:

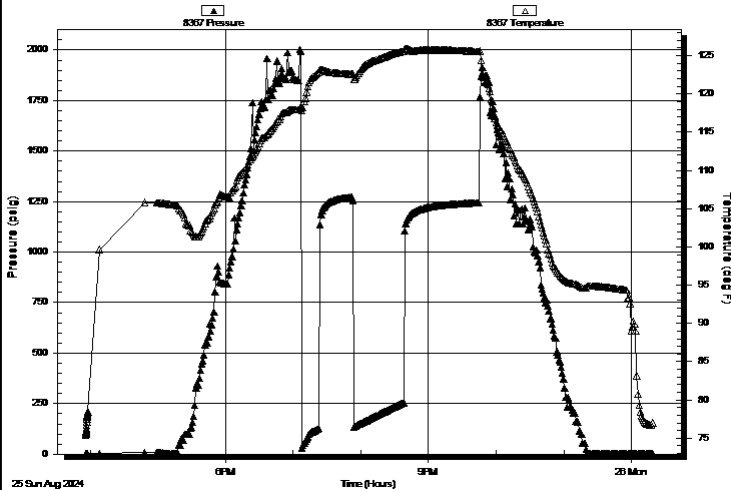
00:19:06

Time On Btm:

Time Off Btm:

TEST COMMENT: 15 - IF: Blow built to BOB (11") at 10 min., built to 17 1/4"
30 - IS: Surface blow back towards the end of the shut in
45 - FF: Blow built to BOB at 10 min., built to 38 1/2"
60 - FSI: Blow back built to 4"

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
177.00	SO/MCW 66%w, 27%m, 7%o	0.87
145.00	GOWCM 48%m, 30%w, 14%o, 8%g	2.03
40.00	MWCO 77%o, 10%w, 8%m, 5%g	0.56
215.00	SMCGO 88%o, 8%g, 4%m	3.02
0.00	GIP = 230'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71637

DST#: 1

ATTN: Marc Downing

Test Start: 2024.08.25 @ 15:56:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 11.98 in³

Resistivity: ohm.m

Salinity: 670.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

25 deg API

Water Salinity:

22000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
177.00	SO/MCW 66%w, 27%m, 7%o	0.870
145.00	GOWCM 48%m, 30%w, 14%o, 8%g	2.034
40.00	MWCO 77%o, 10%w, 8%m, 5%g	0.561
215.00	SMCGO 88%o, 8%g, 4%m	3.016
0.00	GIP = 230'	0.000

Total Length: 577.00 ft

Total Volume: 6.481 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 27 api @ 80 deg F Corrected Gravity = 25 api

RW = .300 ohms @ 74 deg F Chlorides = 22,000 ppm

Serial #: 6771

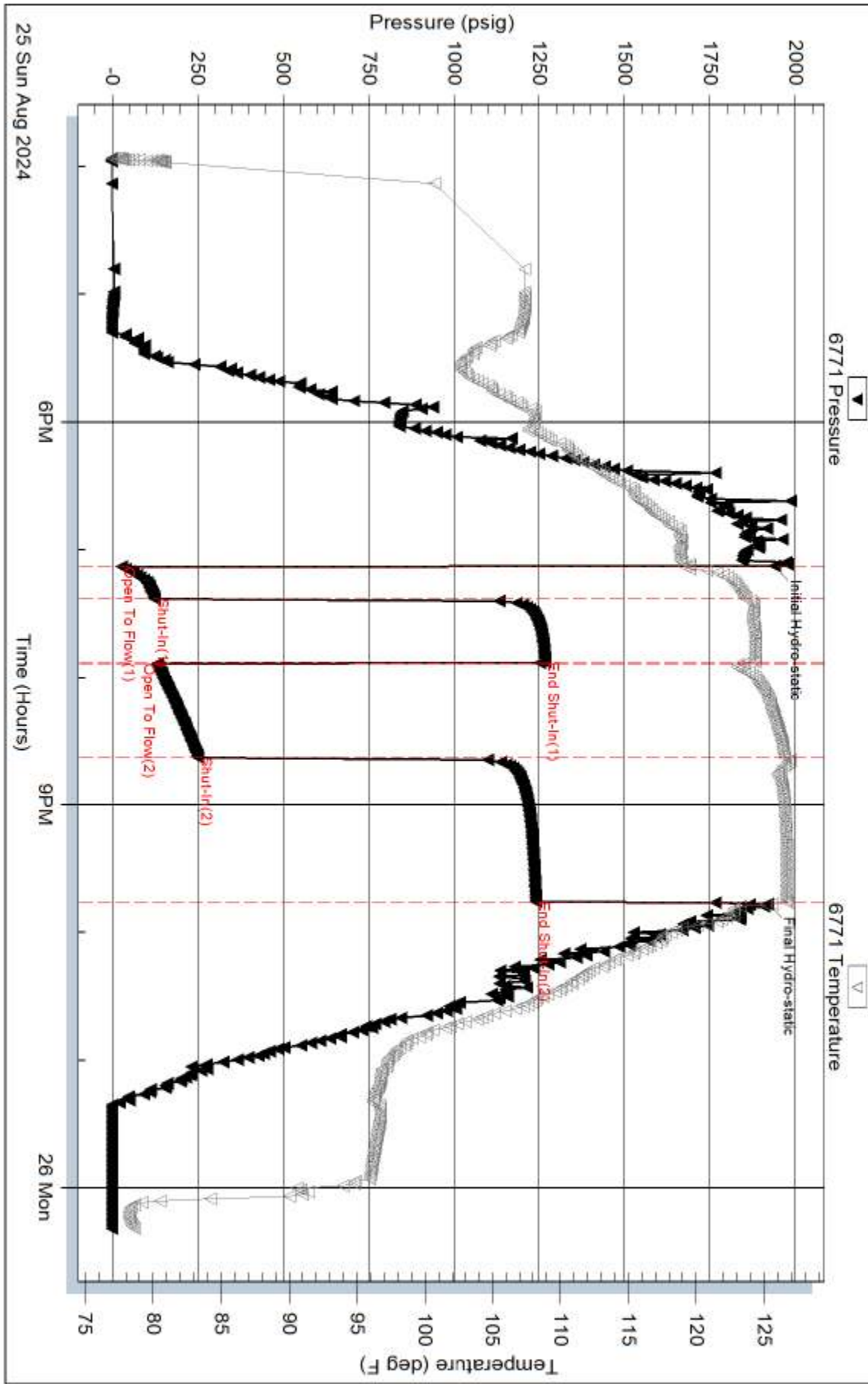
Inside

American Warrior Inc.

Mark #1-21

DST Test Number: 1

Pressure vs. Time

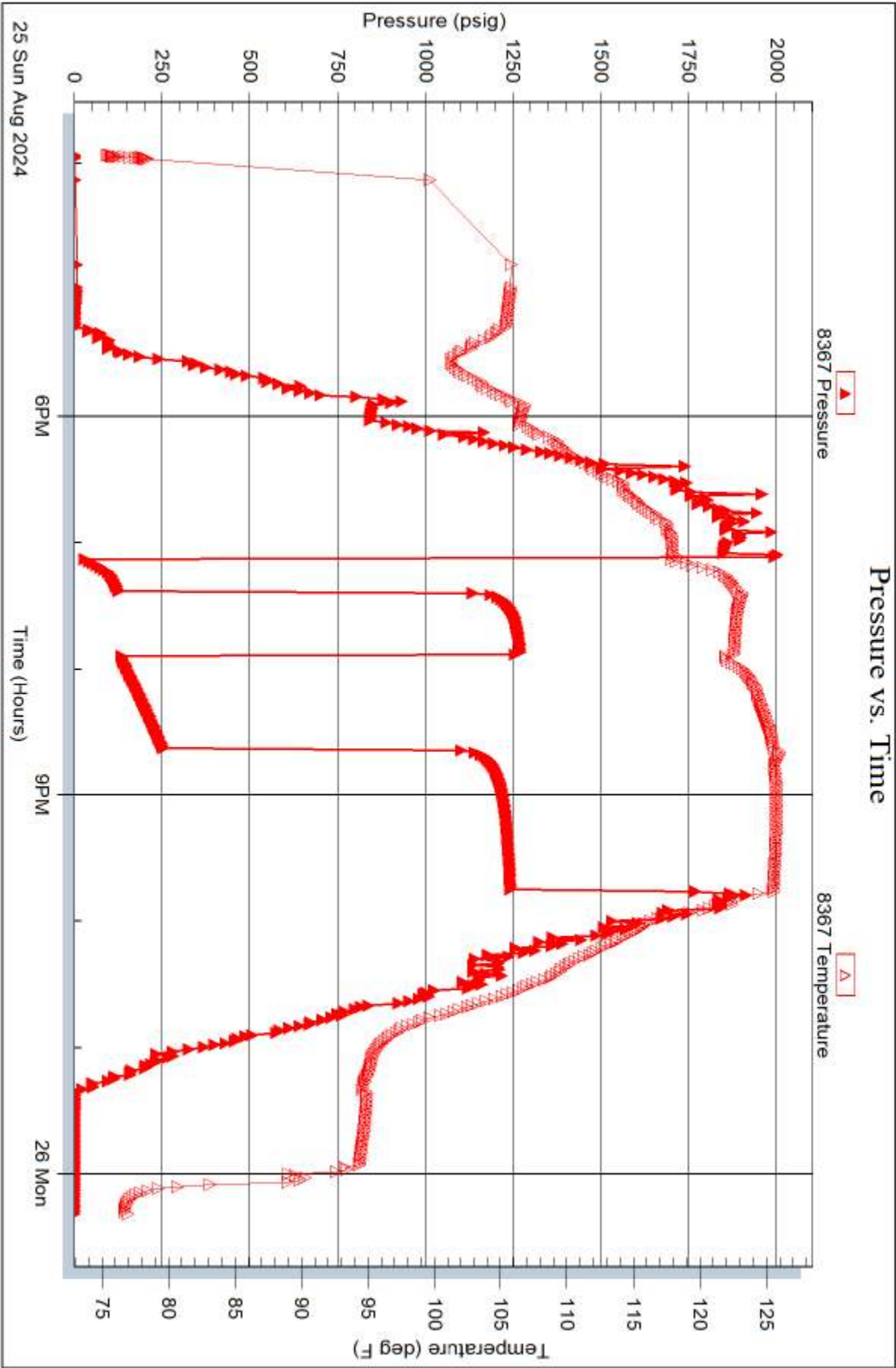


Serial #: 8367

Outside American Warrior Inc.

Mark #1-21

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71638

DST#: 2

ATTN: Marc Downing

Test Start: 2024.08.26 @ 10:28:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:12:36

Time Test Ended: 16:38:06

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: **3988.00 ft (KB) To 4010.00 ft (KB) (TVD)**

Total Depth: 4010.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6771** Inside

Press@RunDepth: 793.84 psig @ 3989.00 ft (KB)

Start Date: 2024.08.26

End Date:

2024.08.26

Start Time: 10:28:01

End Time:

16:38:06

Capacity: 8000.00 psig

Last Calib.: 2024.08.26

Time On Btm: 2024.08.26 @ 12:12:21

Time Off Btm: 2024.08.26 @ 14:25:51

TEST COMMENT: 10 - IF: Blow built to BOB (11") at 1 1/2 min., built to 68 1/4"

30 - IS: No blow

30 - FF: Blow built to BOB at 1 3/4 min., built to 149 1/2"

60 - FSI: No blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1962.20	117.39	Initial Hydro-static
1	212.00	117.14	Open To Flow (1)
11	388.57	128.49	Shut-In(1)
40	1246.18	126.79	End Shut-In(1)
41	428.03	126.88	Open To Flow (2)
70	793.84	128.27	Shut-In(2)
133	1224.93	126.80	End Shut-In(2)
134	1950.48	126.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
925.00	Water w/trace oil 98%w , 2%m	11.36
505.00	SMCW w/trace oil 94%w , 6%m	7.08
255.00	MCW w/trace oil 73%w , 27%m	3.58

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71638

DST#: 2

ATTN: Marc Downing

Test Start: 2024.08.26 @ 10:28:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:12:36

Time Test Ended: 16:38:06

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: **3988.00 ft (KB) To 4010.00 ft (KB) (TVD)**

Total Depth: 4010.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3989.00 ft (KB)

Start Date: 2024.08.26

End Date:

2024.08.26

Start Time: 10:28:01

End Time:

16:38:06

Capacity: 8000.00 psig

Last Calib.:

2024.08.26

Time On Btm:

Time Off Btm:

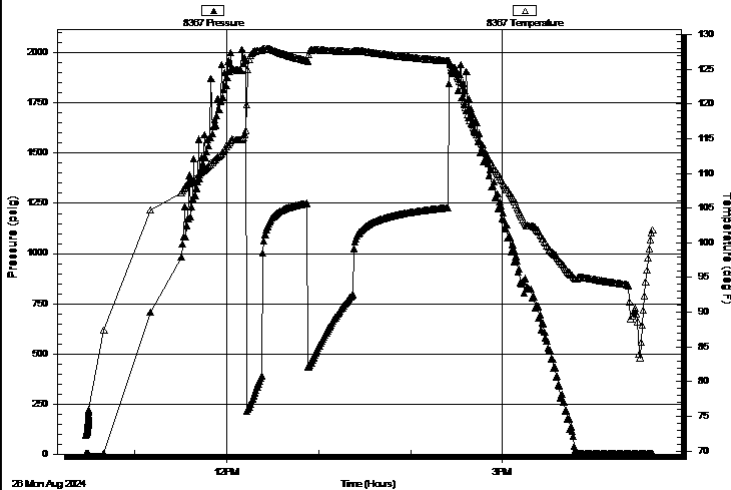
TEST COMMENT: 10 - IF: Blow built to BOB (11") at 1 1/2 min., built to 68 1/4"

30 - IS: No blow

30 - FF: Blow built to BOB at 1 3/4 min., built to 149 1/2"

60 - FS: No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
925.00	Water w/trace oil 98%w , 2%m	11.36
505.00	SMCW w/trace oil 94%w , 6%m	7.08
255.00	MCW w /trace oil 73%w , 27%m	3.58

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71638

DST#: 2

ATTN: Marc Downing

Test Start: 2024.08.26 @ 10:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 43.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 24000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
925.00	Water w /trace oil 98%w , 2%m	11.363
505.00	SMCW w /trace oil 94%w , 6%m	7.084
255.00	MCW w /trace oil 73%w , 27%m	3.577

Total Length: 1685.00 ft Total Volume: 22.024 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .215 ohms @ 93.8 deg F Chlorides = 24,000 ppm

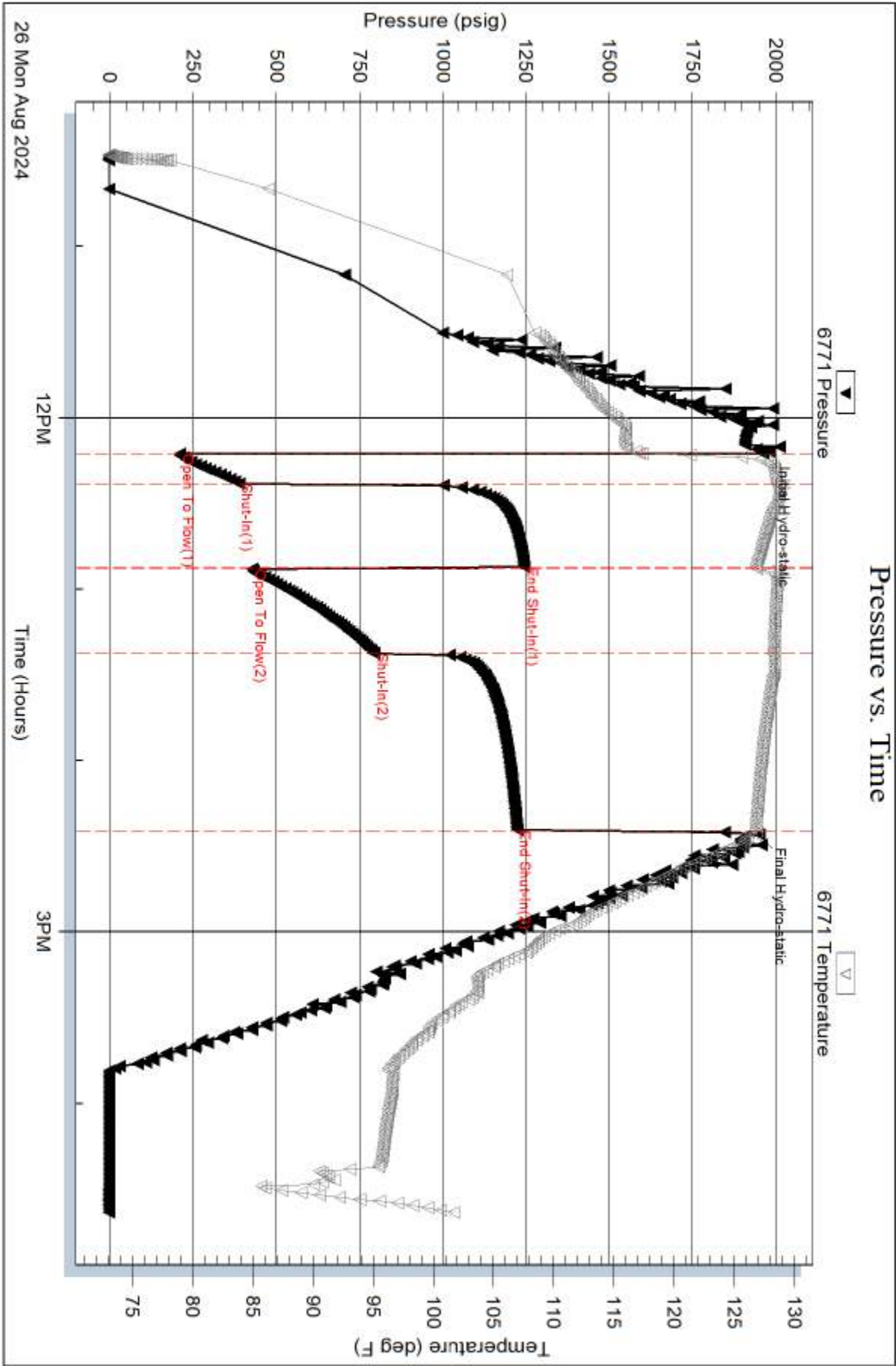
Serial #: 6771

Inside

American Warrior Inc.

Mark #1-21

DST Test Number: 2

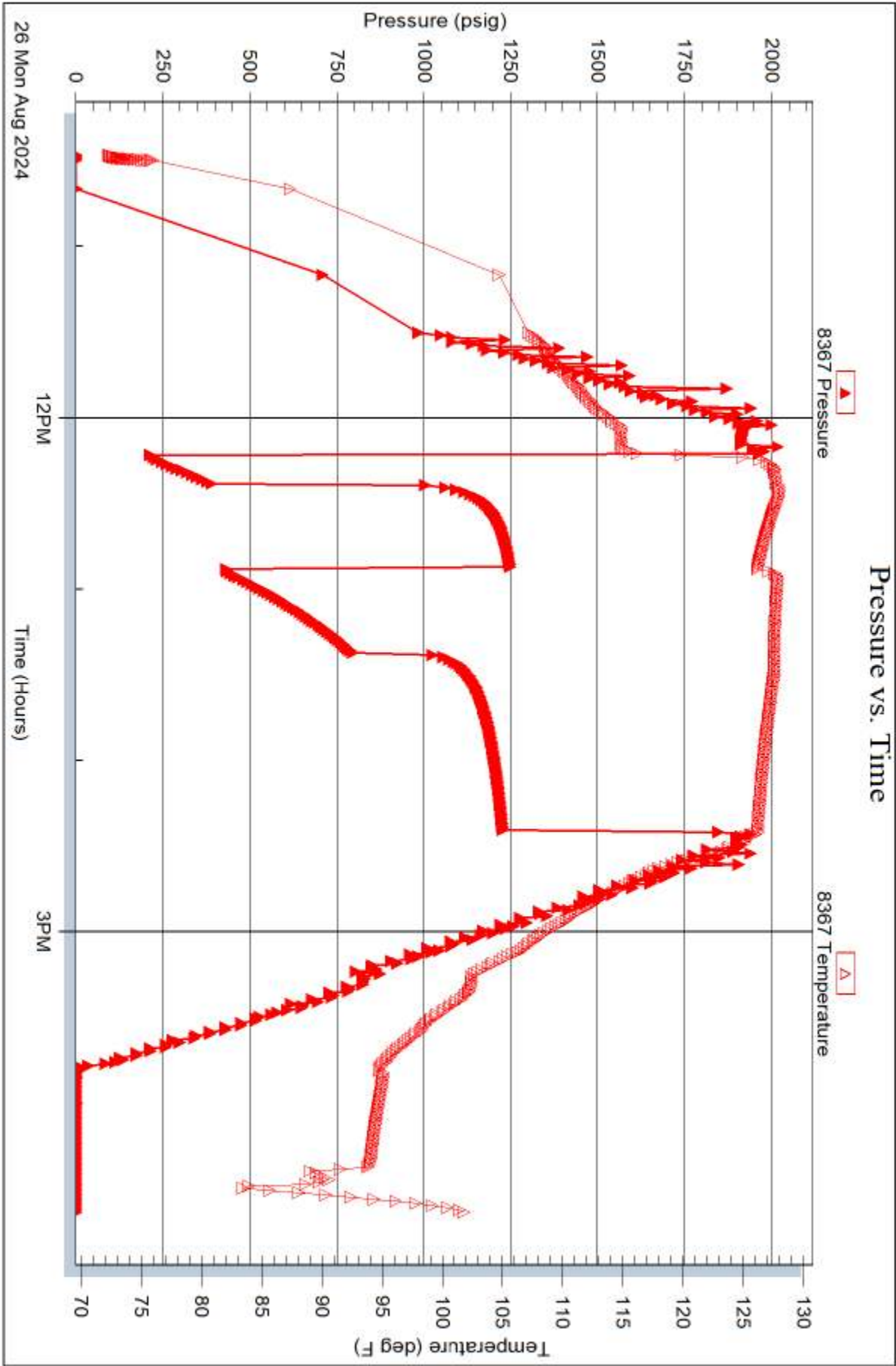


Serial #: 8367

Outside American Warrior Inc.

Mark #1-21

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71639

DST#: 3

ATTN: Marc Downing

Test Start: 2024.08.27 @ 02:42:00

GENERAL INFORMATION:

Formation: LKC "F"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:41:06

Time Test Ended: 08:48:36

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4030.00 ft (KB) To 4058.00 ft (KB) (TVD)

Total Depth: 4058.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771 Inside

Press@RunDepth: 345.28 psig @ 4031.00 ft (KB)

Start Date: 2024.08.27 End Date: 2024.08.27

Start Time: 02:42:01 End Time: 08:48:36

Capacity: 8000.00 psig

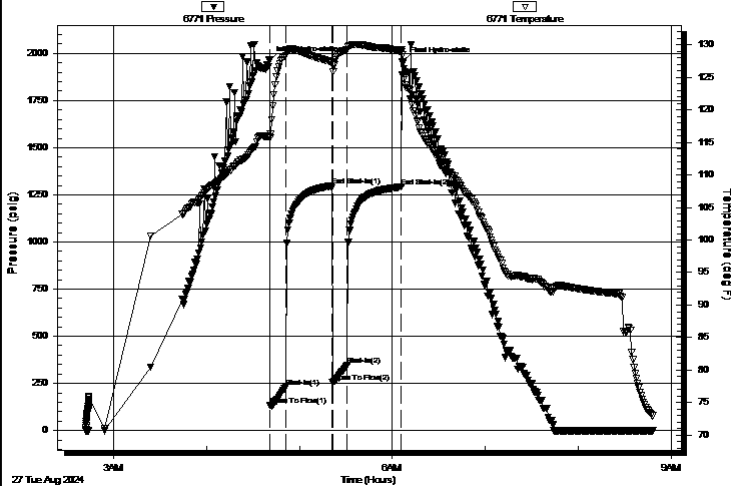
Last Calib.: 2024.08.27

Time On Btm: 2024.08.27 @ 04:40:51

Time Off Btm: 2024.08.27 @ 06:06:36

TEST COMMENT: 10 - IF: Blow built to BOB (11") at 1 3/4 min., built to 60"
30 - IS: Blow back built to 6 3/4"
10 - FF: Blow built to BOB at 2 1/4 min., built to 41 3/4"
30 - FS: Blow back built to 8"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1962.56	115.92	Initial Hydro-static
1	133.18	115.67	Open To Flow (1)
11	230.70	128.34	Shut-In(1)
40	1297.82	127.35	End Shut-In(1)
41	254.29	126.84	Open To Flow (2)
50	345.28	129.21	Shut-In(2)
85	1292.19	128.98	End Shut-In(2)
86	1957.04	128.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
177.00	MCO 73%o, 20%m, 7%g	0.87
63.00	SMCO 80%o, 14%g, 6%m	0.88
622.00	CGO 85%o, 15%g	8.73
0.00	GIP = 630'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71639

DST#: 3

ATTN: Marc Downing

Test Start: 2024.08.27 @ 02:42:00

GENERAL INFORMATION:

Formation: LKC "F"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:41:06

Time Test Ended: 08:48:36

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4030.00 ft (KB) To 4058.00 ft (KB) (TVD)

Total Depth: 4058.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 4031.00 ft (KB)

Start Date: 2024.08.27

End Date:

2024.08.27

Start Time: 02:42:01

End Time:

08:48:36

Capacity: 8000.00 psig

Last Calib.:

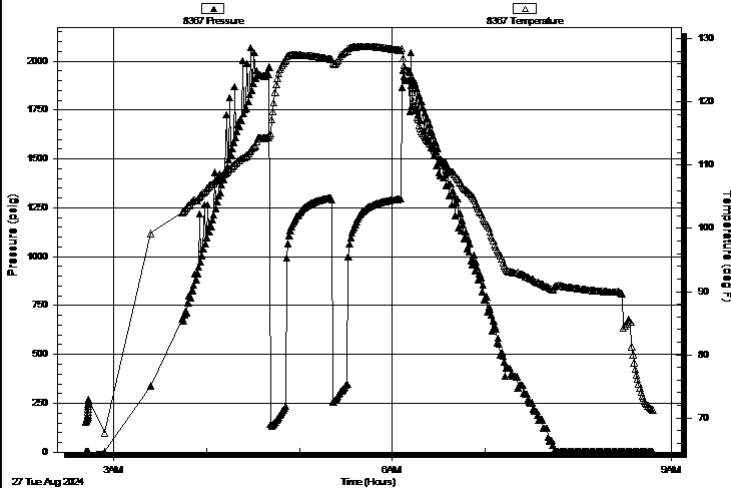
2024.08.27

Time On Btm:

Time Off Btm:

TEST COMMENT: 10 - IF: Blow built to BOB (11") at 1 3/4 min., built to 60"
30 - IS: Blow back built to 6 3/4"
10 - FF: Blow built to BOB at 2 1/4 min., built to 41 3/4"
30 - FS: Blow back built to 8"

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
177.00	MCO 73%o, 20%m, 7%g	0.87
63.00	SMCO 80%o, 14%g, 6%m	0.88
622.00	CGO 85%o, 15%g	8.73
0.00	GIP = 630'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71639

DST#: 3

ATTN: Marc Downing

Test Start: 2024.08.27 @ 02:42:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 43.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 34.2 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
177.00	MCO 73%o, 20%m, 7%g	0.870
63.00	SMCGO 80%o, 14%g, 6%m	0.884
622.00	CGO 85%o, 15%g	8.725
0.00	GIP = 630'	0.000

Total Length: 862.00 ft Total Volume: 10.479 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 35.2 api @ 70 deg F Corrected Gravity = 34.2 api

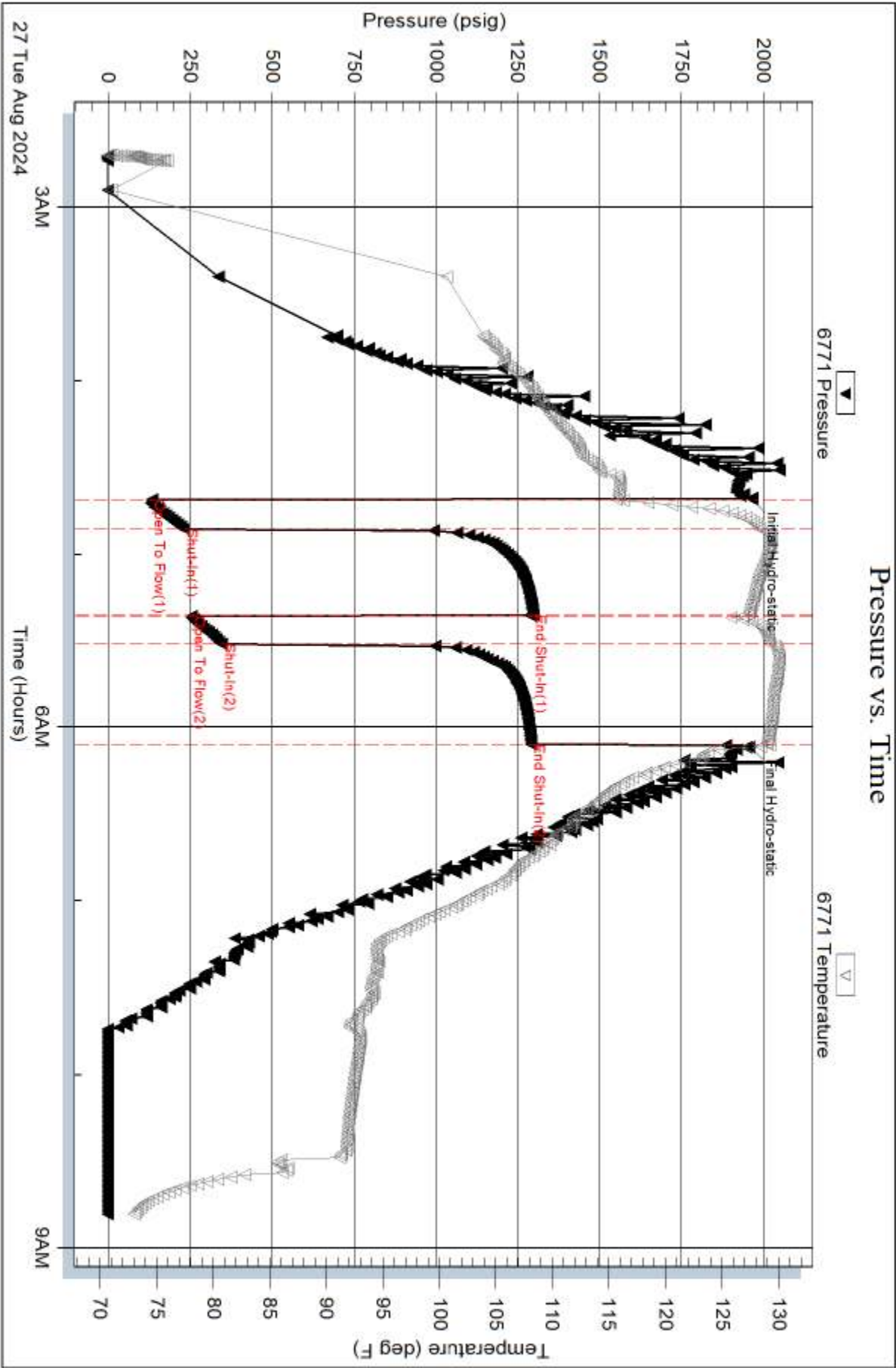
Serial #: 6771

Inside

American Warrior Inc.

Mark #1-21

DST Test Number: 3

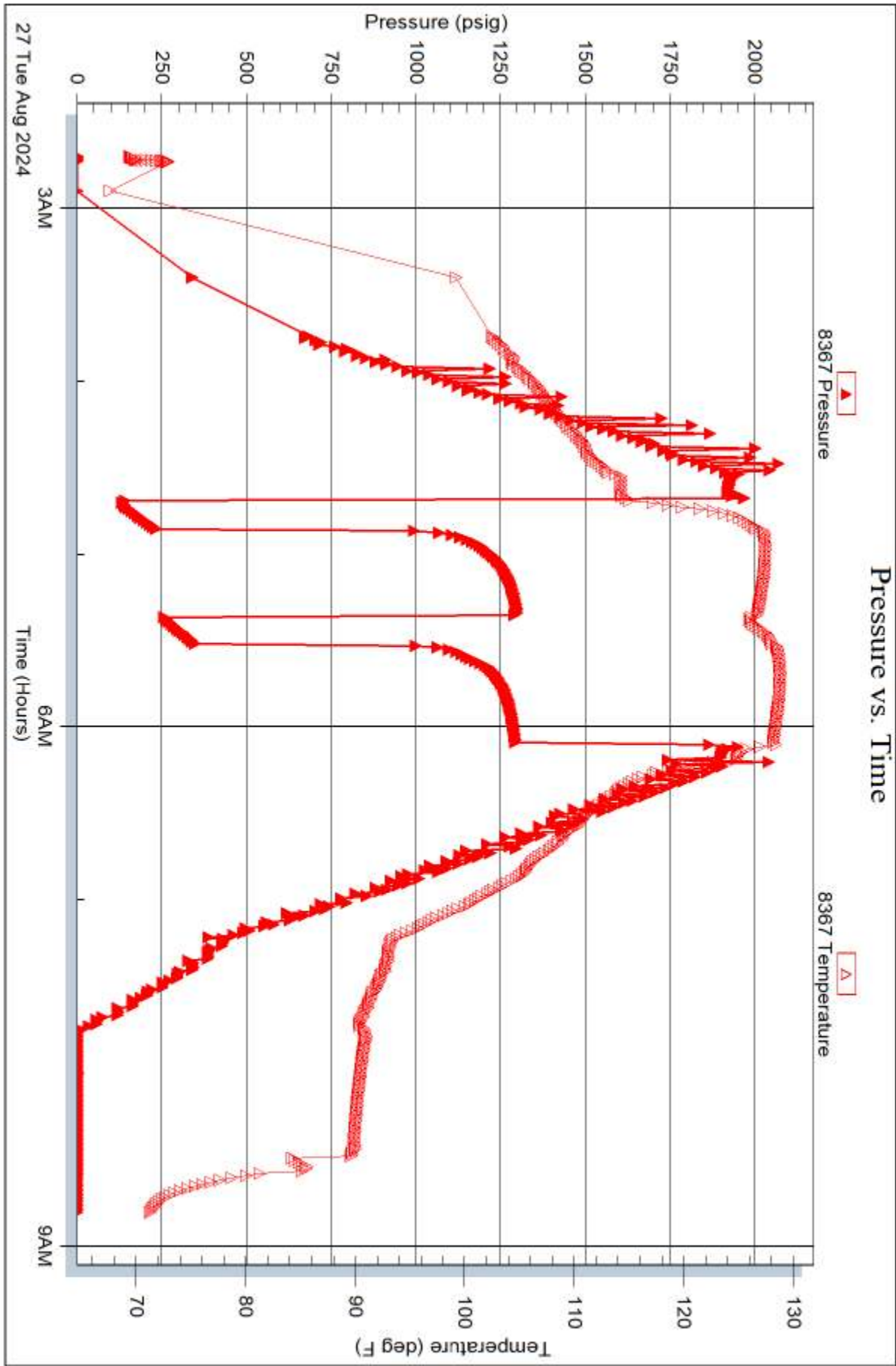


Serial #: 8367

Outside American Warrior Inc.

Mark #1-21

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71640

DST#: 4

ATTN: Marc Downing

Test Start: 2024.08.28 @ 13:01:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:01:06

Time Test Ended: 19:38:51

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: **4300.00 ft (KB) To 4347.00 ft (KB) (TVD)**

Total Depth: 4347.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2962.00 ft (KB)

2951.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6771** Inside

Press@RunDepth: 34.14 psig @ 4301.00 ft (KB)

Start Date: 2024.08.28

End Date:

2024.08.28

Start Time: 13:01:01

End Time:

19:38:51

Capacity: 8000.00 psig

Last Calib.: 2024.08.28

Time On Btm: 2024.08.28 @ 15:00:51

Time Off Btm: 2024.08.28 @ 17:34:36

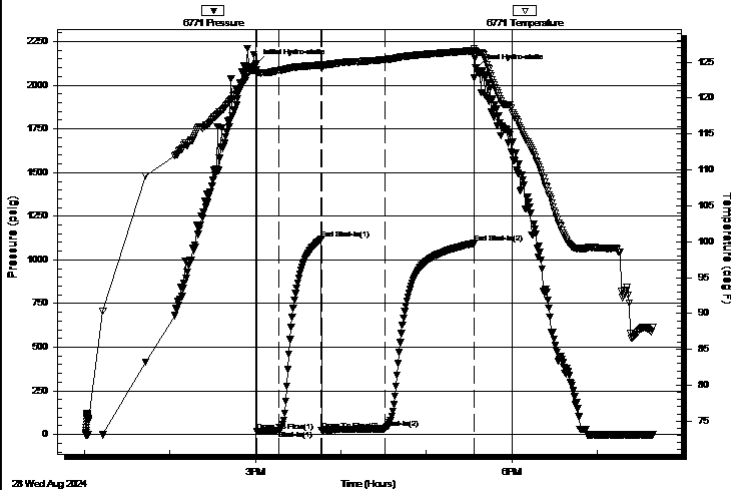
TEST COMMENT: 15 - IF: 1/4" Blow at open, built slightly then died back to 1/8"

30 - ISI: No blow

45 - FF: No blow

60 - FSI: No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.50	124.02	Initial Hydro-static
1	18.05	123.61	Open To Flow (1)
16	23.82	123.84	Shut-In(1)
46	1119.54	124.63	End Shut-In(1)
46	25.35	124.19	Open To Flow (2)
91	34.14	125.39	Shut-In(2)
153	1094.61	126.59	End Shut-In(2)
154	2097.65	126.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOCM 96% m, 4% o	0.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71640

DST#: 4

ATTN: Marc Downing

Test Start: 2024.08.28 @ 13:01:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:01:06

Time Test Ended: 19:38:51

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4300.00 ft (KB) To 4347.00 ft (KB) (TVD)

Reference Elevations: 2962.00 ft (KB)

Total Depth: 4347.00 ft (KB) (TVD)

2951.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 4301.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.08.28

End Date:

2024.08.28

Last Calib.:

2024.08.28

Start Time: 13:01:01

End Time:

19:38:51

Time On Btm:

Time Off Btm:

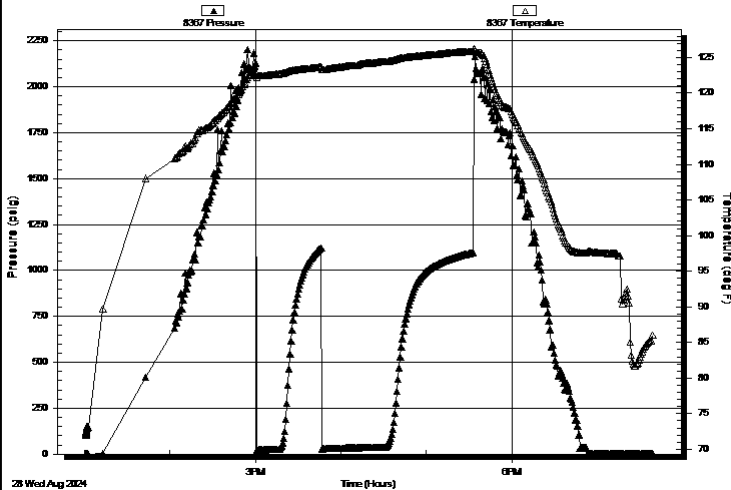
TEST COMMENT: 15 - IF: 1/4" Blow at open, built slightly then died back to 1/8"

30 - ISI: No blow

45 - FF: No blow

60 - FSI: No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
45.00	SOCM 96% m, 4% o	0.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

21/6s/31w Thomas KS

PO Box 399
Garden City, KS 67846

Wark #1-21

Job Ticket: 71640

DST#: 4

ATTN: Marc Downing

Test Start: 2024.08.28 @ 13:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SOCM 96% m, 4% o	0.221

Total Length: 45.00 ft

Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

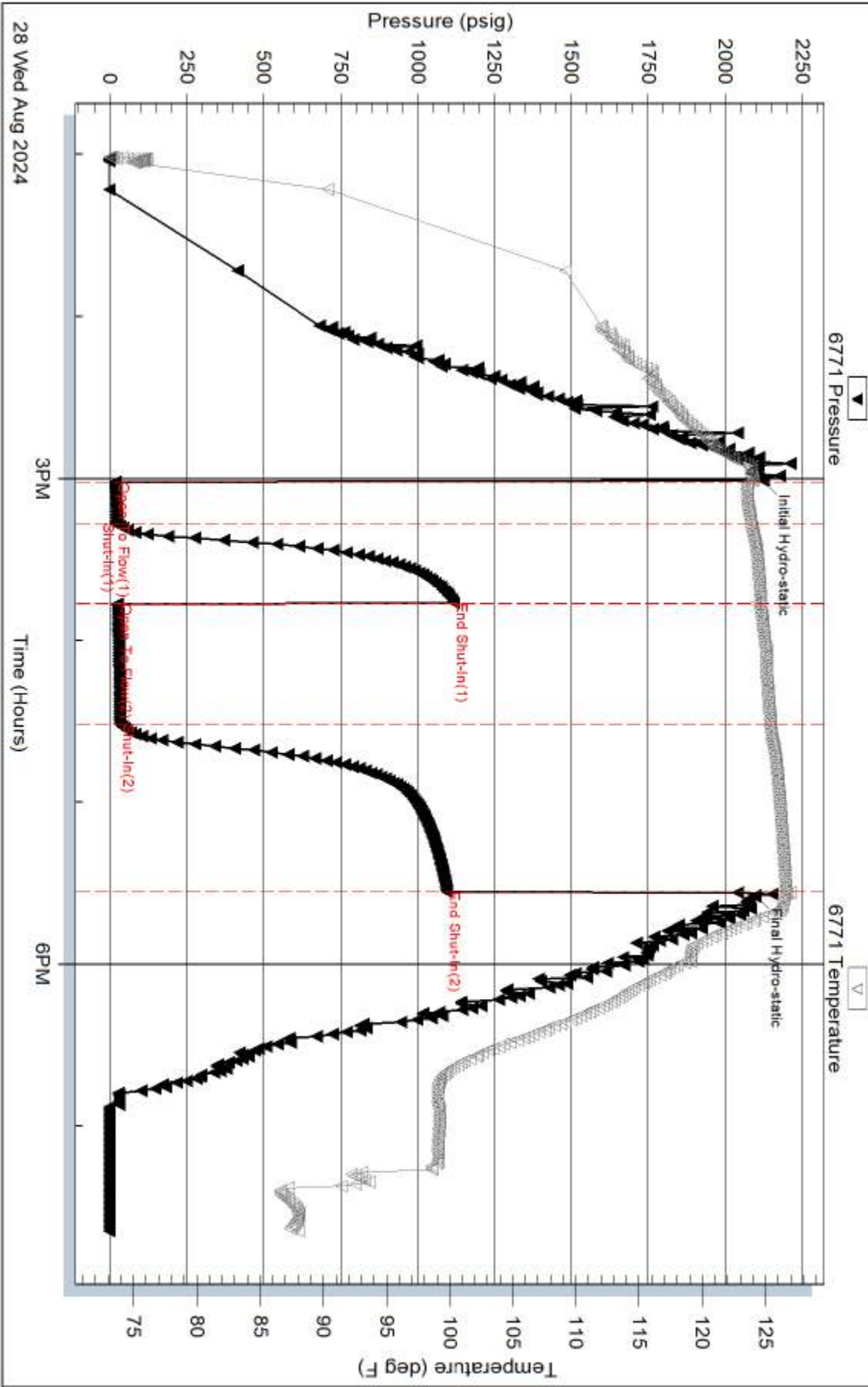
Inside

American Warrior Inc.

Mark #1-21

DST Test Number: 4

Pressure vs. Time



Serial #: 8367

Outside American Warrior Inc.

Mark #1-21

DST Test Number: 4

