

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: Kevin Timson

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 #:

3/16/2023 3/26/2023 4/21/2023

Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No.: 15-055-22578-00-00

Spot Description:

SE - SE - NW - NW Sec. 5 Twp. 23 S. R. 32 ☐ East ☒ West1042 Feet from ☒ North / ☐ South Line of Section1314 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☒ NW ☐ SE ☐ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Finney

Lease Name: O'BRATE-FINNEY Well #: 11-5

Field Name:

Producing Formation: Cedar hills

Elevation: Ground: 2853 Kelly Bushing: 2866

Total Vertical Depth: 4900 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 1775 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: 49000 ppm Fluid volume: 320 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: 04/24/2023

☐ Confidential Release Date: 04/23/2025☒ Wireline Log Received ☒ Drill Stem Tests Received☒ Geologist Report / Mud Logs Received☐ UIC DistributionALT ☒ I ☐ II ☐ III Approved by: David Befort Date: 05/10/2023

Operator Name: American Warrior, Inc. Lease Name: O'BRATE-FINNEY Well #: 11-5
 Sec. 5 Twp. 23 S. R. 32 ☐ East ☒ West County: Finney

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: Dual Comp Porosity Microresistivity Dual induction	☐ 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	24	1775	Class A	445	3%salt
Production	7.875	5.5	15.5	1801	Class A	305	5%Salt

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>4/22/2023</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 Bottom <u>1395</u> <u>1415</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	1395	1415			
TUBING RECORD: Size: Set At: Packer At:					

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'BRATE-FINNEY 11-5
Doc ID	1707024

Tops

Name	Top	Datum
Anhydrate	1935	932
Base	2008	859
Heebner	2850	-983
Lansing	3895	-1028
BKC	4366	-1499
Marmaton	4391	-1524
Pawnee	4468	-1601
Fort SCott	4489	-1622
Cherokee	4506	-1639
Morrow	4666	-1799
St. Gen	4688	-1821
RTD	4900	-2033
LTD	4905	2038

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'BRATE-FINNEY 11-5
Doc ID	1707024

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	24	1775	Class A	445	3%salt
Production	7.875	5.5	15.5	1801	Class A	305	5%Salt

Quasar Energy Services, Inc.
3288 FM 51
Gainesville, TX 76240

Invoice

Date	Invoice #
3/27/2023	150706

Bill To
American Warrior P.O. Box 399 Garden City, KS 67846

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

Well

Obrate Finney 11-5

Description	Quantity	Rate	Amount
Mileage-Pickup	75	5.58	418.50
Mileage-Equipment Mileage	225	8.72	1,962.00
Pumping Service Charge -2	1	3,307.50	3,307.50
Plug Container	1	347.29	347.29
Guide Shoe-8 5/8"	1	541.77	541.77
Insert Float 8 5/8"	1	416.75	416.75
Top Rubber Plug 8 5/8"	1	96.47	96.47
Centralizers 8 5/8"	4	97.24	388.96
Cement-Class A (LB)	150	21.54	3,231.00
Cement-Lite-A(LB)	445	21.54	9,585.30
C-41L Defoamer Liquid	6	48.63	291.78
Cello Flakes	132	2.78	366.96
Sodium Metasilicate(SMS)C-45	150	2.44	366.00
C-51 FWCA	75	11.95	896.25
Subtotal			22,216.53
Discount 15%		-15.00%	-3,332.48

Total	\$18,884.05
Payments/Credits	\$0.00
Balance Due	\$18,884.05

All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.



QUASAR ENERGY SERVICES, INC.

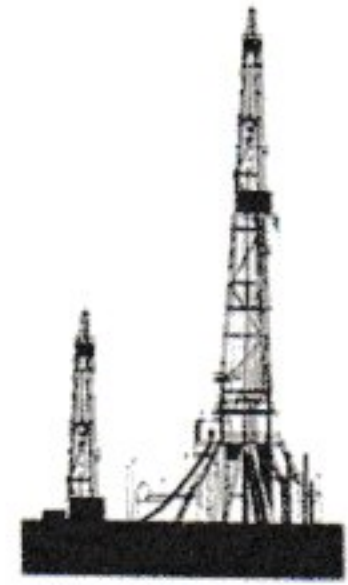
3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

FRACTURING | ACID | CEMENT | NITROGEN



BID #: 7008		AFE#/PO#: 0	
TYPE / PURPOSE OF JOB: SURFACE		SERVICE POINT: Liberal, KS	
CUSTOMER: AMERICAN WARRIOR		WELL NAME: OBRATE FINNEY #11-5	
ADDRESS: PO BOX 399		LOCATION: GARDEN CITY, KS	
CITY: GARDEN CITY	STATE: KS	ZIP: 67846	COUNTY: FINNEY
DATE OF SALE: 3/17/2023		Perforations: to	

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
75	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 418.50
225	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 1,962.00
1	5623	L	Per Well	Pumping Service Charge -2	\$3,307.50	\$ 3,307.50
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29
1	4780	L	Each	Guide Shoe 8 5/8"	\$541.77	\$ 541.77
1	4880	L	Each	Insert Float 8 5/8"	\$416.75	\$ 416.75
1	4900	L	Each	Top Rubber Plug 8 5/8"	\$96.47	\$ 96.47
4	4920	L	Each	Centralizers 8 5/8"	\$97.24	\$ 388.96
Subtotal for Pumping & Equipment Charges						\$ 7,479.24

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
150	5635	0	Per Sack	Cement - Class A (LB)	\$21.54	\$ 3,231.00
445	5638	0	Per Sack	Cement - Lite - A (LB)	\$21.54	\$ 9,585.30
6	5751	0	Per Gal.	C-41L Defoamer Liquid	\$48.63	\$ 291.78
132	5800	0	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.78	\$ 366.96
150	5900	0	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.44	\$ 366.00
75	5950	0	Per Lb.	C-51 FWCA	\$11.95	\$ 896.25
Subtotal for Material Charges						\$ 14,737.29

MANHOURS: 12		# WORKERS: 4		TOTAL \$ 22,216.53	
WORKERS				DISCOUNT: 15% DISCOUNT \$ 3,332.48	
KIRBY HARPER	ED MENDOZA			DISCOUNTED TOTAL \$ 18,884.05	
CARLOS IBARRA					
JOSE MARTINEZ					

STAMPS & NOTES:

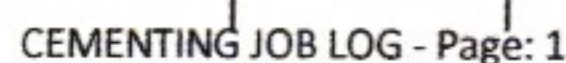
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CUSTOMER SIGNATURE & DATE

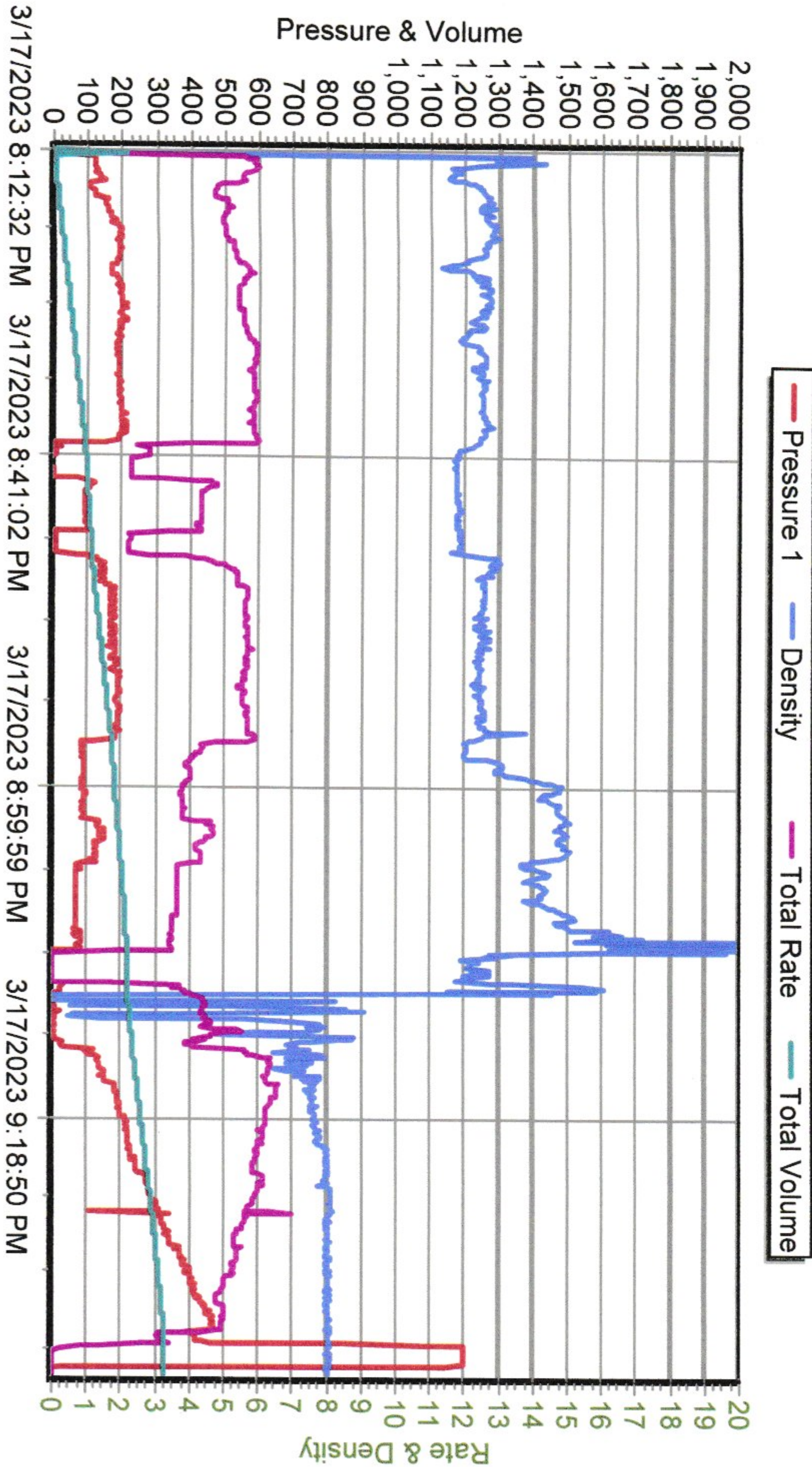
Signature: *Emigdio Rojas* Date: 03-17-23

Print Name: *Emigdio Rojas*

*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.



AMERICAN WARRIOR
OBRATE FINNEY #11-5
8.625" SURFACE
03/17/2023





QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@geserve.com

FRACTURING

ACID

CEMENT

NITROGEN



BID #: 7062		AFE#/PO#: 0			
TYPE / PURPOSE OF JOB: LONG STRING			SERVICE POINT: Liberal, KS		
CUSTOMER: American Warrior			WELL NAME: Obrate Finney 11-5		
ADDRESS: P.O. Box 399			LOCATION:		Garden City, Ks.
CITY: Garden City		STATE: Kansas		ZIP: 67846	
			COUNTY: Finney		STATE: KS

[illegible][illegible]

MANHOURS: 22		# WORKERS: 3		Subtotal for Material Charges		\$ 9,244.37
WORKERS				TOTAL		\$ 14,625.66
Daniel Beck				DISCOUNT: 15%	DISCOUNT	\$ 2,193.85
Danny McLane				DISCOUNTED TOTAL		\$ 12,431.81
Eduardo Mendoza						

STAMPS & NOTES:	As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.	
	CUSTOMER SIGNATURE & DATE	
	Signature: <i>X [Handwritten Signature]</i>	Date: <i>9/22/15</i>
**All accounts are past due net 30 days following the date of invoice. A finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts.	Print Name: <i>X Bicker [Handwritten Name]</i>	

QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2N.2

3/25/23

CEMENTING JOB LOG

CEMENTING JOB LOG

Company:	American Warrior	Well Name:	Obrate Finney 11-5			
Type Job:	LONG STRING	AFE #:				
CASING DATA						
Size:	5 1/2	Grade:	Weight: 15.5			
Casing Depths	Top:	Bottom: 1801				
Tubing:	Size:	Weight:				
Open Hole:	Size: 8	T.D. (ft): 4900	Hole:			
CEMENT DATA						
Spacer Type:	10BBL H2O					
Amt.	Sks Yield	0 ft ³ /sk	Density (PPG)			
LEAD:			Excess			
Amt.	Sks Yield	0 ft ³ /sk	Density (PPG)			
TAIL:	Class A: 65/35/4, 5% Salt		Excess			
Amt.	305 Sks Yield	503.25 ft ³ /sk	1.65 Density (PPG) 13.3			
WATER:						
Lead:	gals/sk:	Tail: 305 gals/sk:	8.5 Total (bbls): 61.7			
Pump Trucks Used:	04, DP03					
Bulk Equipment:	229, 660-23					
Disp. Fluid Type:	Water	Amt. (Bbls.) 41.8	Weight (PPG): 8.3			
COMPANY REPRESENTATIVE:	CEMENTER: Daniel Beck					
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	
9:00						ON LOCATION & SAFETY MEETING
						RIG UP
2:45						RIG TO CIRCULATE
2:57				14.6slurry		PLUG RAT & MOUSE W/ 50SX
3:18						RIG TO PT
3:20						PRESSURE TEST TO 2000PSI
3:22	300			10	5.9	PUMP 10BBL SPACER
3:24	350			74.9slurry	6.0	PUMP 255SX TAIL @ 13.3#
3:39						SHUTDOWN / DP / WP
3:46				10		DISPLACE
	500			20	6.0	
	600			30	6.0	
3:53	650			31	6.0	SLOW RATE TO 2.0BPM @ 500PSI
	600			40	2.0	CEMENT TO SURFACE
3:57	650			41.8	2.0	LAND PLUG / PRESSURE UP TO 1250PSI
3:59						RELEASE BACK --- FLOAT HELD
						JOB COMPLETE
Company:	American Warrior			Well Name:	Obrate Finney 11-5	
Type Job:	LONG STRING			AFE #:		
Date:	3/25/2023	CEMENTING JOB LOG				

QUASAR ENERGY SERVICES, INC. | 185-2



QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

FRACTURING

ACID

CEMENT

NITROGEN



BID #: 7062

AFE#/PO#: 0

TYPE / PURPOSE OF JOB: LONG STRING

SERVICE POINT: Liberal, KS

CUSTOMER: American Warrior

WELL NAME: Obrate Finney 11-5

ADDRESS: P.O. Box 399

LOCATION:	Garden City, Ks.
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CITY: Garden City **STATE:** Kansas **ZIP:** 67846

COUNTY: Finney

STATE: KS

DATE OF SALE 3/25/2023

[illegible]

Subtotal for Pumping & Equipment Charges	\$ 5,381.29
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[illegible]

MANHOURS: 22 # WORKERS: 3

Subtotal for Material Charges	\$ 9,244.37
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WORKERS

TOTAL	\$	14,625.66
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Daniel Beck

DISCOUNT:		15%	DISCOUNT	\$	2,193.85
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Danny McLane

DISCOUNT	\$	2,195.85
DISCOUNTED TOTAL	\$	12,431.81

Eduardo Mendoza

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

CUSTOMER SIGNATURE & DATE

Signature: _____

Date: _____

Print Name: _____

XRickey Pop

****All accounts are past due net 30 days following the date of invoice. A finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts.**





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #11-5

5-23S-32W Finney,KS

Start Date: 2023.03.22 @ 01:15:00

End Date: 2023.03.22 @ 17:58:32

Job Ticket #: 70502 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.03.27 @ 15:10:43

American Warrior Inc

5-23S-32W Finney,KS

O'Brate-Finney #11-5

DST # 1

Pawnee-Cherokee

2023.03.22



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS

O'Brate-Finney #11-5

Job Ticket: 70502

DST#: 1

Test Start: 2023.03.22 @ 01:15:00

GENERAL INFORMATION:

Formation: **Pawnee-Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:11:17

Time Test Ended: 17:58:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: **4450.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Reference Elevations: 2870.00 ft (KB)

Total Depth: 4530.00 ft (KB) (TVD)

2857.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8372 Inside

Press@RunDepth: 343.08 psig @ 4527.00 ft (KB)

Capacity: psig

Start Date: 2023.03.22

End Date:

2023.03.22

Last Calib.:

2023.03.22

Start Time: 01:15:01

End Time:

17:58:32

Time On Btm:

2023.03.22 @ 12:09:17

Time Off Btm:

2023.03.22 @ 15:20:32

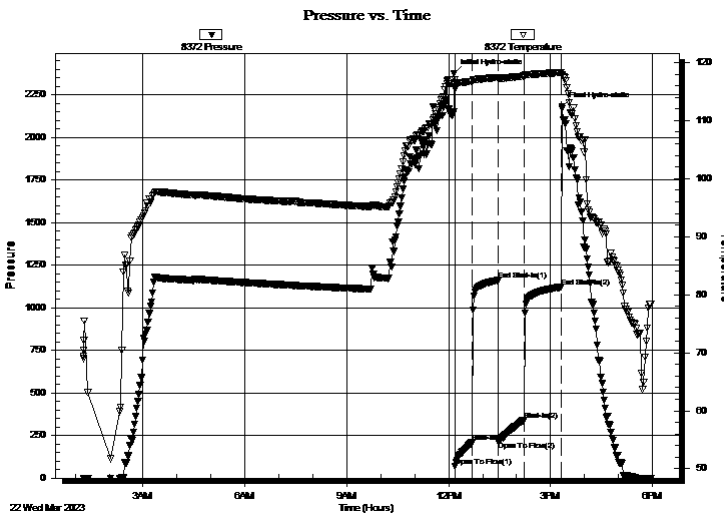
TEST COMMENT: IF: Strong Blow , BOB in 14 minutes, Built to 23.93"

IS: No Blow Back

FF: Fair Blow , BOB in 18 minutes, Built to 27.63

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2377.54	116.60	Initial Hydro-static
2	68.76	116.17	Open To Flow (1)
33	210.47	116.80	Shut-In(1)
78	1161.11	117.41	End Shut-In(1)
79	216.03	117.23	Open To Flow (2)
124	343.08	117.70	Shut-In(2)
190	1122.93	118.30	End Shut-In(2)
192	2182.30	117.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Water	0.90
282.00	MCW 32%M 68%W	3.96

Gas Rates

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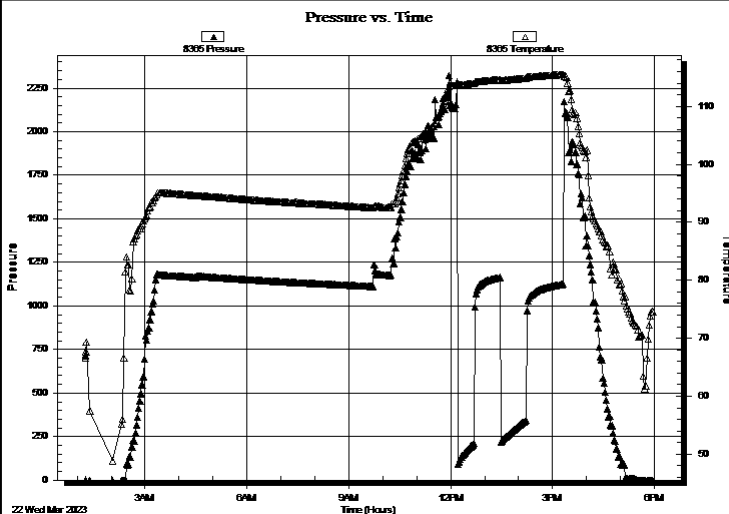


American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

Job Ticket: 70502 **DST#: 1**
Test Start: 2023.03.22 @ 01:15:00

Reference Elevations: 2870.00 ft (KB)
2857.00 ft (CF)
KB to GR/CF: 13.00 ft

TEST COMMENT: IF: Strong Blow , BOB in 14 minutes, Built to 23.93"
IS: No Blow Back
FF: Fair Blow , BOB in 18 minutes, Built to 27.63
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Water	0.90
282.00	MCW 32%M 68%W	3.96

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS
O'Brate-Finney #11-5
Job Ticket: 70502 **DST#: 1**
Test Start: 2023.03.22 @ 01:15:00

Tool Information

Drill Pipe:	Length:	4240.00 ft	Diameter:	3.80 inches	Volume:	59.48 bbl	Tool Weight:	2100.00 lb	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb	
Drill Collar:	Length:	183.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	Weight to Pull Loose:	80000.00 lb	
					Total Volume:	60.38 bbl	Tool Chased	ft	
Drill Pipe Above KB:	4.00 ft							String Weight: Initial	65000.00 lb
Depth to Top Packer:	4450.00 ft							Final	67000.00 lb
Depth to Bottom Packer:	ft								
Interval between Packers:	80.00 ft								
Tool Length:	111.00 ft								
Number of Packers:	2	Diameter:	6.75 inches						
Tool Comments:									

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Circulating Sub	1.00			4420.00	
Change Over Sub	1.00			4421.00	
Shut In Tool	5.00			4426.00	
Hydraulic tool	5.00			4431.00	
Jars	5.00			4436.00	
EM Tool	3.00			4439.00	
Safety Joint	2.00			4441.00	
Packer	5.00			4446.00	31.00 Bottom Of Top Packer
Packer	4.00			4450.00	
Stubb	1.00			4451.00	
Perforations	6.00			4457.00	
Change Over Sub	1.00			4458.00	
Drill Pipe	63.00			4521.00	
Change Over Sub	1.00			4522.00	
Handling Sub	5.00			4527.00	
Recorder	0.00	8372	Inside	4527.00	
Recorder	0.00	8365	Outside	4527.00	
Bullnose	3.00			4530.00	80.00 Bottom Packers & Anchor

Total Tool Length: 111.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS
O'Brate-Finney #11-5
Job Ticket: 70502 **DST#: 1**
Test Start: 2023.03.22 @ 01:15:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: 58000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	Water	0.900
282.00	MCW 32%M 68%W	3.956

Total Length: 465.00 ft Total Volume: 4.856 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .13 @ 72 degrees

Serial #: 8372

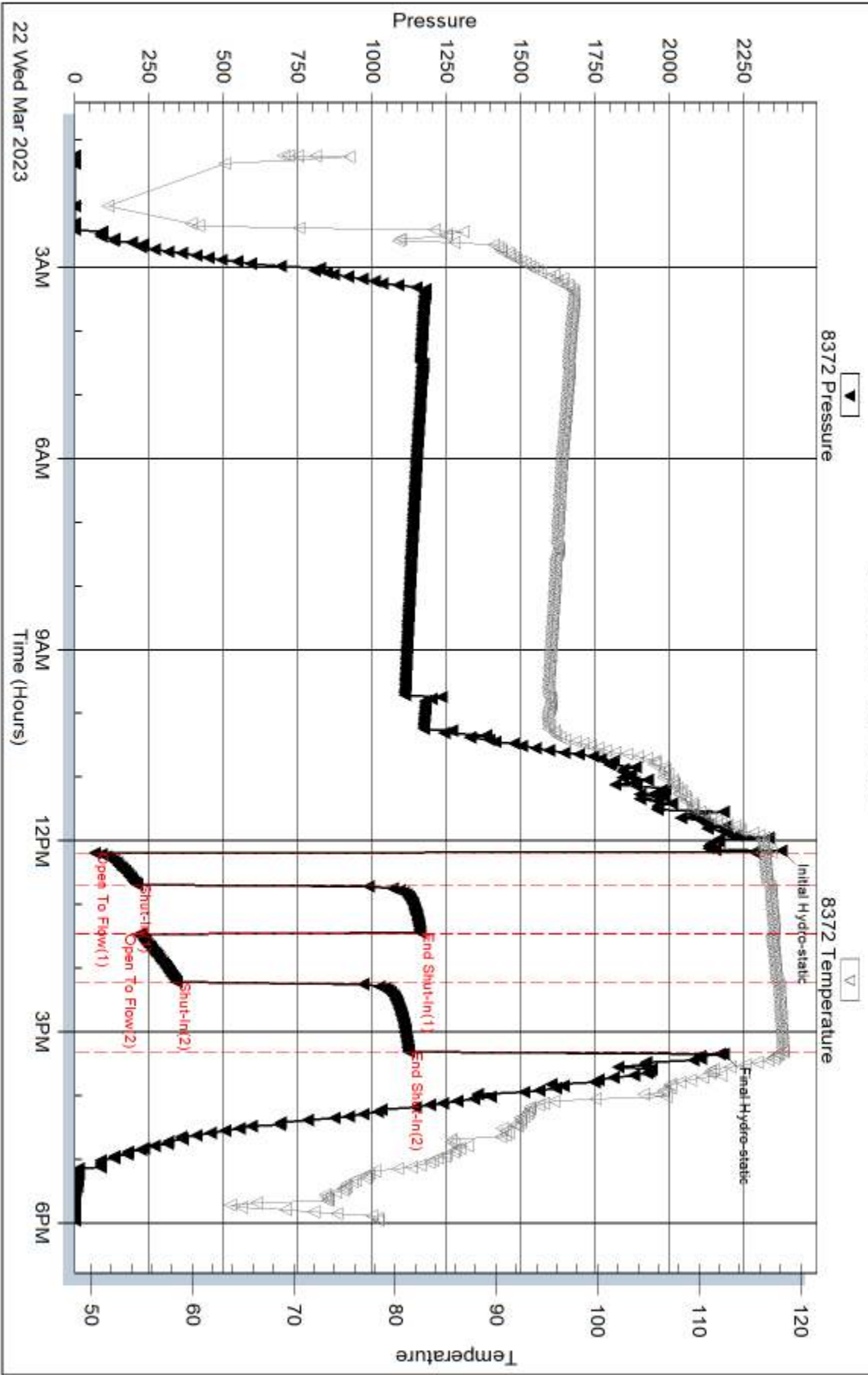
Inside

American Warrior Inc

OBrate-Finney #11-5

DST Test Number: 1

Pressure vs. Time

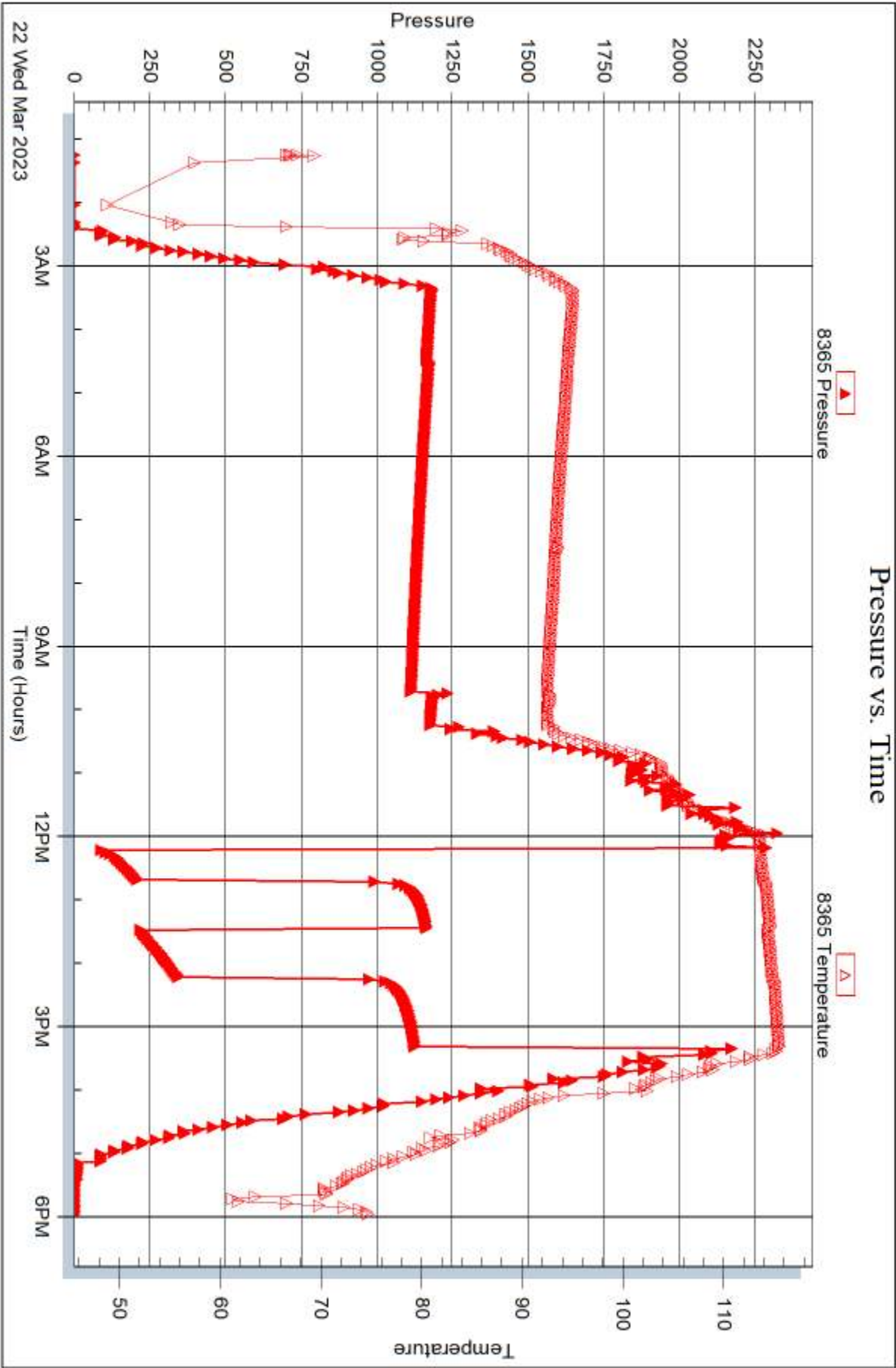


Serial #: 8365

Outside American Warrior Inc

OBrate-Finney #11-5

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #11-5

5-23S-32W Finney,KS

Start Date: 2023.03.23 @ 17:30:00

End Date: 2023.03.23 @ 23:42:02

Job Ticket #: 70503 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.03.27 @ 15:10:10



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney,KS

O'Brate-Finney #11-5

Job Ticket: 70503

DST#: 2

Test Start: 2023.03.23 @ 17:30:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:32

Time Test Ended: 23:42:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4763.00 ft (KB) To 4720.00 ft (KB) (TVD)

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2870.00 ft (KB)

2857.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8372 Inside

Press@RunDepth: 41.39 psig @ 4708.00 ft (KB)

Start Date: 2023.03.23

End Date:

2023.03.23

Start Time: 17:30:01

End Time:

23:42:02

Capacity: psig

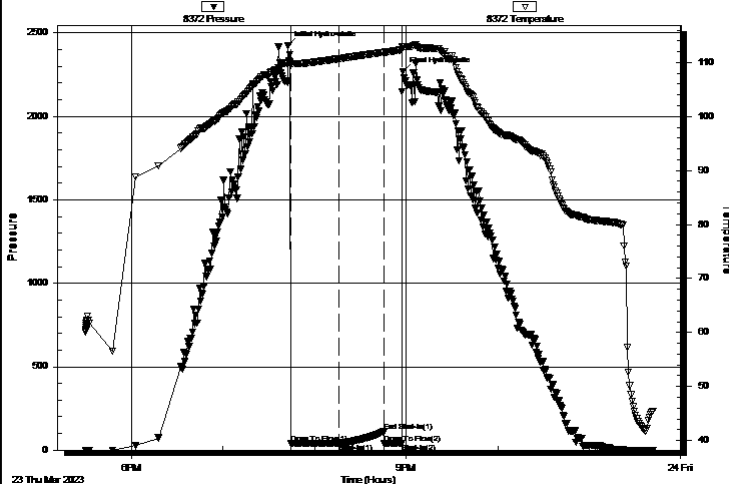
Last Calib.: 2023.03.23

Time On Btm: 2023.03.23 @ 19:42:47

Time Off Btm: 2023.03.23 @ 20:58:02

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: No Blow , Pulled Tool

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.36	109.82	Initial Hydro-static
2	39.67	109.42	Open To Flow (1)
34	41.39	110.71	Shut-In(1)
63	110.38	111.89	End Shut-In(1)
63	42.16	111.89	Open To Flow (2)
75	40.47	112.37	Shut-In(2)
76	2267.40	112.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney,KS

O'Brate-Finney #11-5

Job Ticket: 70503

DST#: 2

Test Start: 2023.03.23 @ 17:30:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:32

Time Test Ended: 23:42:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4763.00 ft (KB) To 4720.00 ft (KB) (TVD)

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2870.00 ft (KB)

2857.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 4708.00 ft (KB)

Start Date: 2023.03.23

End Date:

2023.03.23

Start Time: 17:30:01

End Time:

23:42:02

Capacity: psig

Last Calib.:

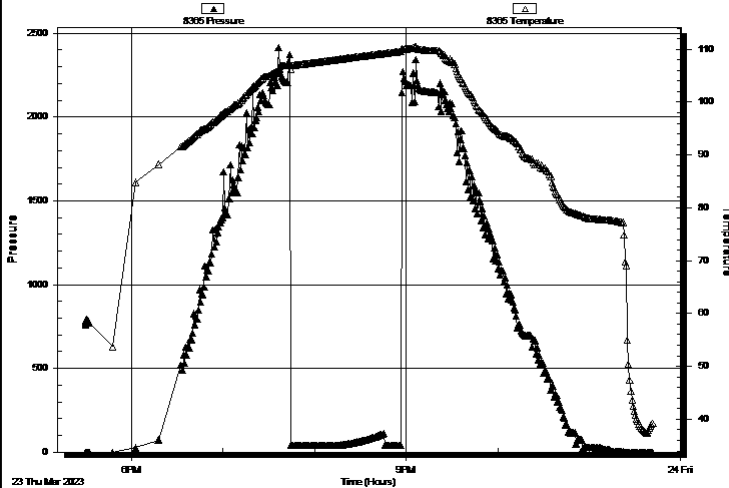
2023.03.23

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: No Blow, Pulled Tool

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS
O'Brate-Finney #11-5
Job Ticket: 70503 **DST#: 2**
Test Start: 2023.03.23 @ 17:30:00

Tool Information

Drill Pipe:	Length: 4460.00 ft	Diameter: 3.80 inches	Volume: 62.56 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	63.46 bbl	Tool Chased	ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4663.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	86.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4639.00	
Hydraulic tool	5.00			4644.00	
Jars	5.00			4649.00	
EM Tool	3.00			4652.00	
Safety Joint	2.00			4654.00	
Packer	5.00			4659.00	29.00 Bottom Of Top Packer
Packer	4.00			4663.00	
Stubb	1.00			4664.00	
Perforations	6.00			4670.00	
Change Over Sub	1.00			4671.00	
Drill Pipe	31.00			4702.00	
Change Over Sub	1.00			4703.00	
Handling Sub	5.00			4708.00	
Recorder	0.00	8372	Inside	4708.00	
Recorder	0.00	8365	Outside	4708.00	
perforations	9.00			4717.00	
Bullnose	3.00			4720.00	57.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS
O'Brate-Finney #11-5
Job Ticket: 70503 **DST#: 2**
Test Start: 2023.03.23 @ 17:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

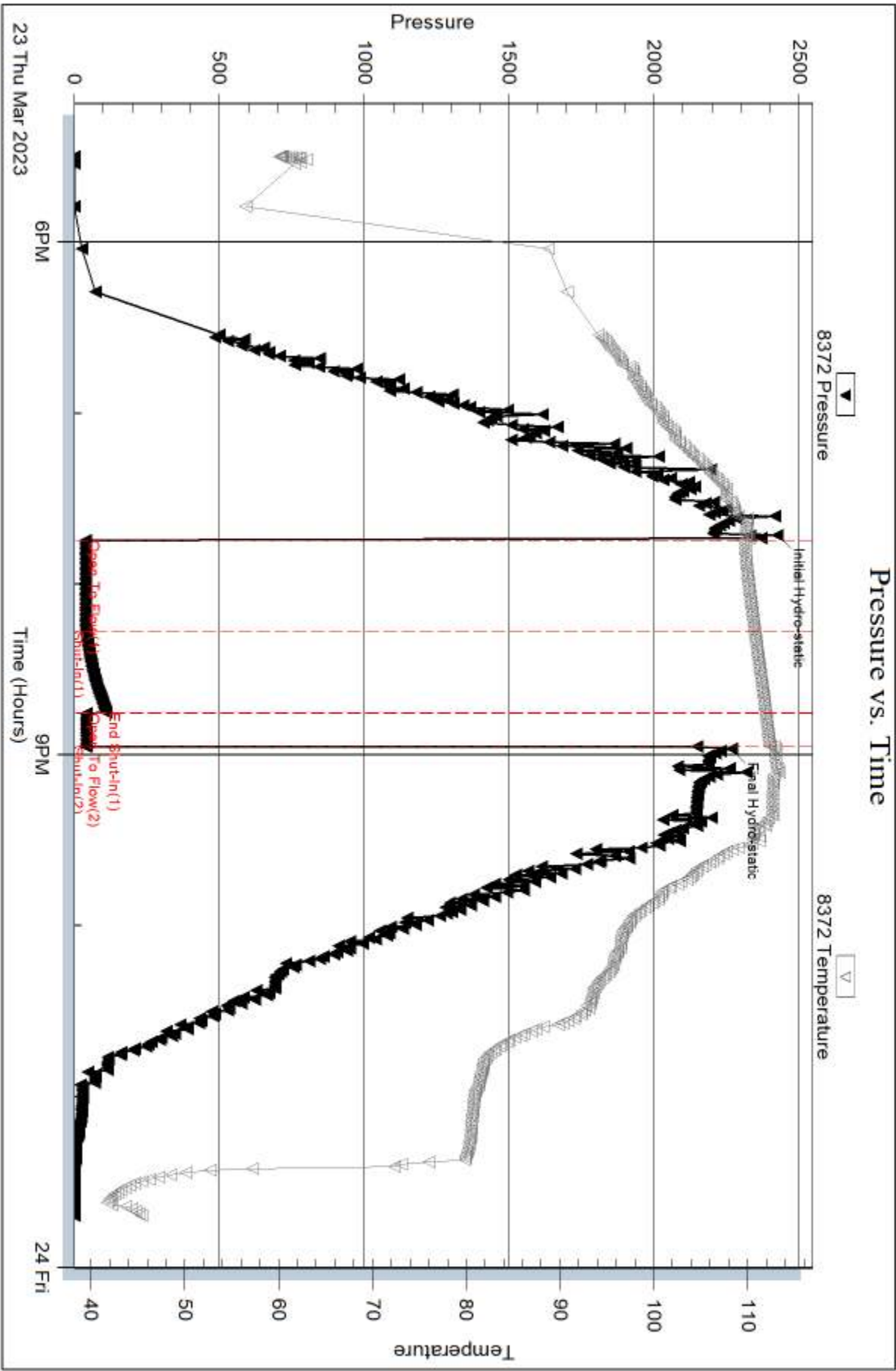
Serial #: 8372

Inside

American Warrior Inc

O'Brate-Finney #11-5

DST Test Number: 2

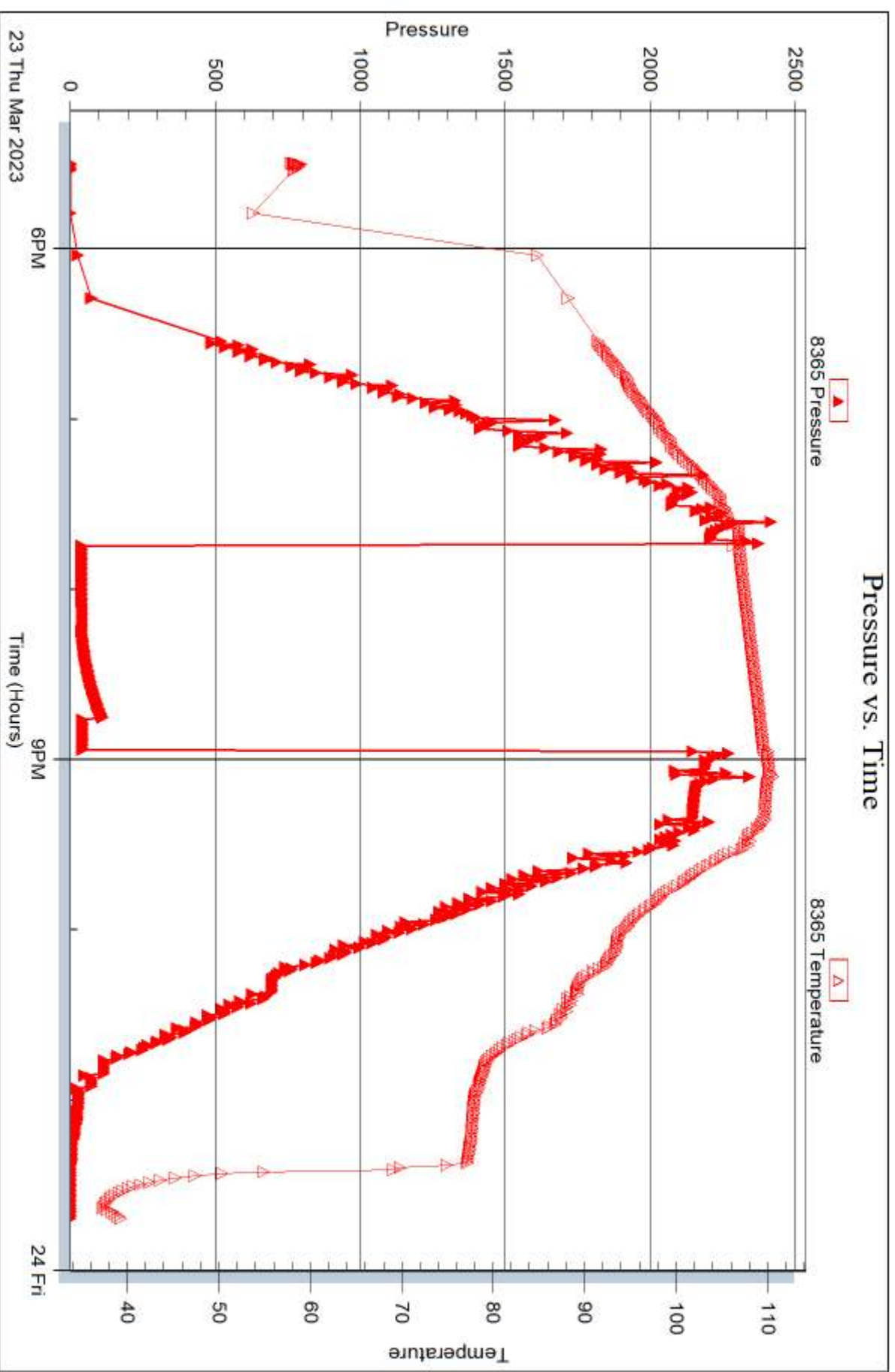


Serial #: 8365

Outside American Warrior Inc

O'Brate-Finney #11-5

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #11-5

5-23S-32W Finney,KS

Start Date: 2023.03.24 @ 13:50:00

End Date: 2023.03.24 @ 21:24:02

Job Ticket #: 70504 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.03.27 @ 15:09:27



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney, KS

O'Brate-Finney #11-5

Job Ticket: 70504

DST#: 3

Test Start: 2023.03.24 @ 13:50:00

GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:32

Time Test Ended: 21:24:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4760.00 ft (KB) To 4810.00 ft (KB) (TVD)

Reference Elevations: 2870.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

2857.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8372 Inside

Press@RunDepth: 37.58 psig @ 4807.00 ft (KB)

Capacity: psig

Start Date: 2023.03.24

End Date:

2023.03.24

Last Calib.:

2023.03.24

Start Time: 13:50:01

End Time:

21:24:02

Time On Btm: 2023.03.24 @ 16:34:02

Time Off Btm: 2023.03.24 @ 19:10:02

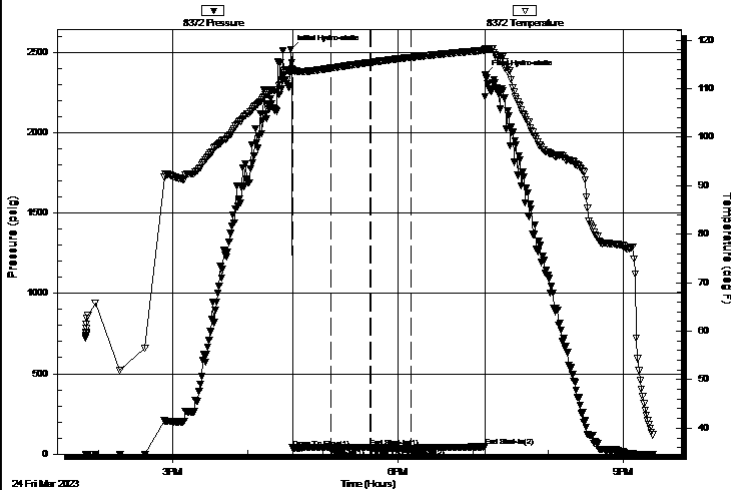
TEST COMMENT: IF: Weak .5" Blow , Dead @ 22 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2517.47	113.66	Initial Hydro-static
2	38.71	113.72	Open To Flow (1)
33	38.29	114.25	Shut-In(1)
64	43.07	115.42	End Shut-In(1)
64	38.12	115.43	Open To Flow (2)
97	37.58	116.45	Shut-In(2)
156	46.74	117.95	End Shut-In(2)
156	2359.79	118.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS

O'Brate-Finney #11-5

Job Ticket: 70504

DST#: 3

Test Start: 2023.03.24 @ 13:50:00

GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:32

Time Test Ended: 21:24:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4760.00 ft (KB) To 4810.00 ft (KB) (TVD)

Reference Elevations: 2870.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

2857.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 4807.00 ft (KB)

Capacity: psig

Start Date: 2023.03.24

End Date:

2023.03.24

Last Calib.:

2023.03.24

Start Time: 13:50:01

End Time:

21:24:02

Time On Btm:

Time Off Btm:

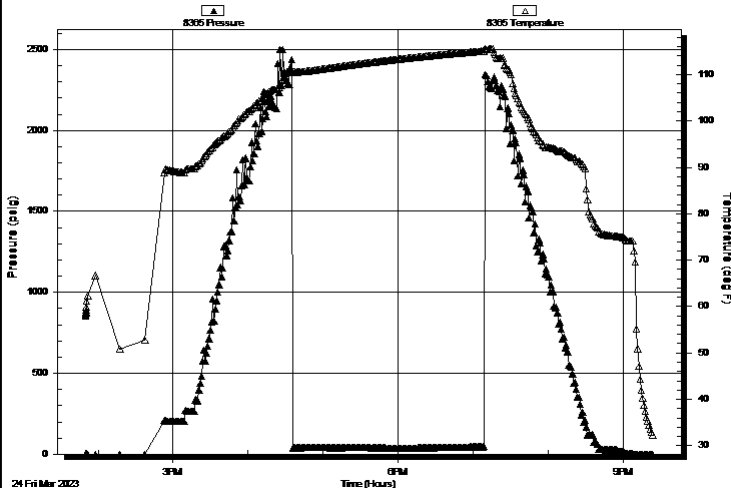
TEST COMMENT: IF: Weak .5" Blow , Dead @ 22 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney,KS

O'Brate-Finney #11-5

Job Ticket: 70504

DST#: 3

Test Start: 2023.03.24 @ 13:50:00

Tool Information

Drill Pipe:	Length: 4555.00 ft	Diameter: 3.80 inches	Volume: 63.89 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	64.79 bbl	Tool Chased ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4760.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00		4736.00	
Hydraulic tool	5.00		4741.00	
Jars	5.00		4746.00	
EM Tool	3.00		4749.00	
Safety Joint	2.00		4751.00	
Packer	5.00		4756.00	29.00 Bottom Of Top Packer
Packer	4.00		4760.00	
Stubb	1.00		4761.00	
Perforations	8.00		4769.00	
Change Over Sub	1.00		4770.00	
Drill Pipe	31.00		4801.00	
Change Over Sub	1.00		4802.00	
Handling Sub	5.00		4807.00	
Recorder	0.00	8372 Inside	4807.00	
Recorder	0.00	8365 Outside	4807.00	
Bullnose	3.00		4810.00	50.00 Bottom Packers & Anchor
Total Tool Length:	79.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney,KS
O'Brate-Finney #11-5
Job Ticket: 70504 **DST#: 3**
Test Start: 2023.03.24 @ 13:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8372

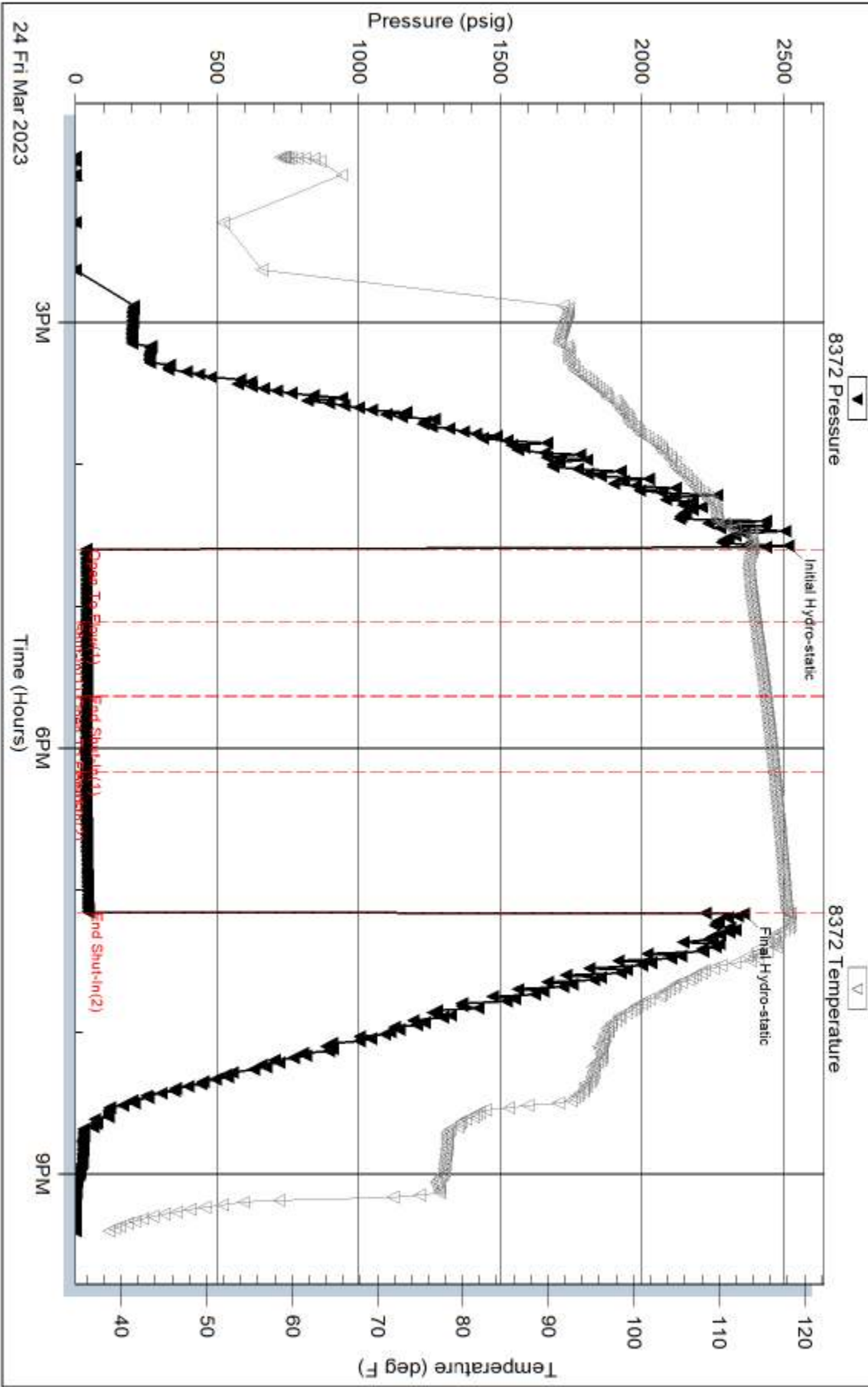
Inside

American Warrior Inc

OBrate-Finney #11-5

DST Test Number: 3

Pressure vs. Time

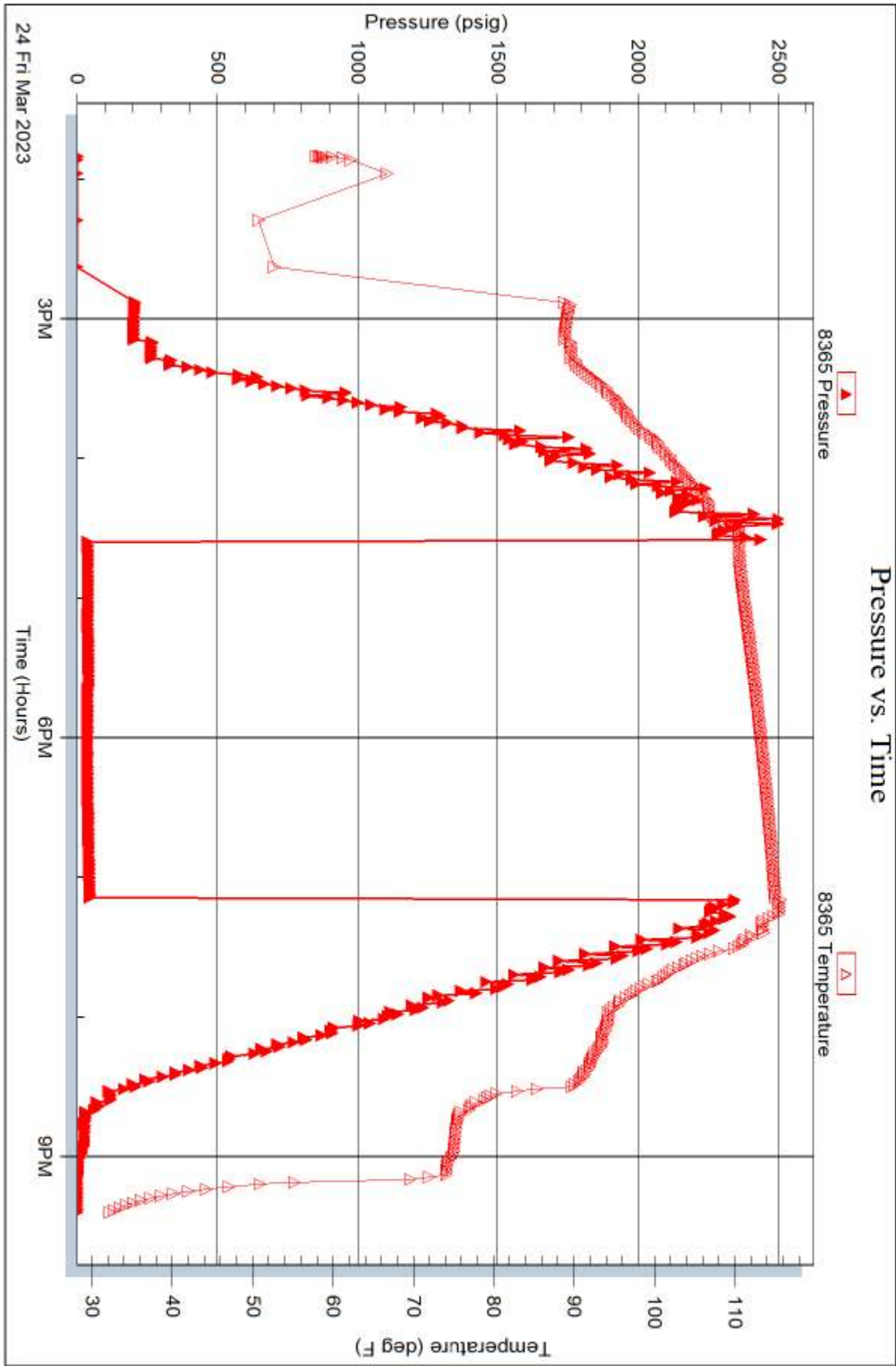


Serial #: 8365

Outside American Warrior Inc

O'Brate-Finney #11-5

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70502

Well Name & No. O'Brate - Finney 11-5 Test No. 1 Date 03/21/23
 Company American Warrior INC Elevation 2870 KB 2857 GL
 Address PO Box 399 Garden City, KS 67846
 Co. Rep / Geo Kevin Timson Rig Duke 9
 Location: Sec. 5 Twp 23S Rge. 32W Co. Finney State KS

Interval Tested 4450 - 4530 Zone Tested Pawnee - Cherokee
 Anchor Length 80 Drill Pipe Run 4240 Mud Wt. 9.1
 Top Packer Depth 4445 Drill Collars Run 183 Vis 54
 Bottom Packer Depth 4450 Wt. Pipe Run 0 WL 7.2
 Total Depth 4530 Chlorides 3000 ppm System LCM 6

Blow Description IF: Strong Blow, BOB in 14 minutes, Built to 2393"

ISI: NO Blow Back

FF: Fair Blow, BOB in 18 minutes, Built to 27.63"

FSI: NO Blow Back

Rec <u>282</u>	Feet of <u>MCW</u>	%gas	%oil	<u>68</u>	%water	<u>32</u>	%mud
Rec <u>183</u>	Feet of <u>Water</u>	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud

Rec Total 465 BHT 119 Gravity NIC API RW 13 @ 72 °F Chlorides 58000 ppm

Initial Hydrostatic 2378 ☒ Test 1950 ☐ Ruined Shale Packer
 Initial Flow 69 to 210 ☒ Jars 300 ☐ Ruined Packer
 Initial Shut-In 1161 ☐ Circ Sub ☒ Hotel
 Final Flow 216 to 343 ☒ Hourly Standby 7.5 7h 700 ☐ EM Tool Successful -350
 Final Shut-In 1123 ☒ Mileage (60) 30mi 52.50 ☐ Accessibility
 Final Hydrostatic 2182 ☐ Sampler 13 mi 22.75 ☐ Gas Sample

T- On Location 23:30 ☐ Straddle ☐ Oversized Hole
 Initial Flow 30 T-Started 01:15 ☐ Shale Packer ☐ Sub Total -350
 Initial Shut-In 45 T-Open 12:11 ☐ Extra Packer ☐ Total 2675.25
 Final Flow 45 T-Pulled 15:18 ☐ Extra Recorder ☐ Tool Loaded @
 Final Shut-In 60 T-Out 17:58 ☐ Day Standby 3025.25 ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70503

Well Name & No. O'Brate - Finney 11-5 Test No. 2 Date 03/22/23
 Company American Warrior Inc Elevation 2870 KB 2857 GL
 Address PO Box 399 Garden City, KS 67846
 Co. Rep / Geo Kevin Timson Rig Duke 9
 Location: Sec. 5 Twp 23S Rge. 32W Co. Finney State KS

Interval Tested 4663 - 4720 Zone Tested Morrow
 Anchor Length 57 Drill Pipe Run 4460 Mud Wt. 9.2
 Top Packer Depth 4658 Drill Collars Run 183 Vis 48
 Bottom Packer Depth 4663 Wt. Pipe Run 0 WL 7.2
 Total Depth 4720 Chlorides 3500 ppm System LCM 10

Blow Description IF: weak surface Blow

ISI: NO BLOW BACK

FE: NO BLOW, Pulled Tool

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

Rec Total 5 BHT 113 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

Initial Hydrostatic 2425 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 39 to 41 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 110 ☐ Circ Sub ☒ Hotel

Final Flow 40 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In N/A ☒ Mileage (30) 26mi 45.50 ☐ Accessibility

Final Hydrostatic 2267 ☐ Sampler ☐ Gas Sample

T- On Location 16:30 ☐ Straddle ☐ Oversized Hole

Initial Flow 30 T-Started 17:45 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 30 T-Open 19:44 ☐ Extra Packer ☐ Total 2295.50

Final Flow 10 T-Pulled 20:58 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In N/A T-Out 23:42 ☐ Day Standby 2295.50 ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70504

Well Name & No. O'Brate - Finney 11-5 Test No. 3 Date 03/24/23
 Company American Warrior Inc Elevation 2870 KB 2857 GL
 Address PO BOX 399 Garden City, KS 67846
 Co. Rep / Geo Kevin Timson Rig Duke 9
 Location: Sec. 5 Twp 23S Rge. 32W Co. Finney State KS

Interval Tested 4760 - 4810 Zone Tested ST. Louis
 Anchor Length 50 Drill Pipe Run 4555 Mud Wt. 9.3
 Top Packer Depth 4755 Drill Collars Run 183 Vis 50
 Bottom Packer Depth 4766 Wt. Pipe Run 0 WL 8.0
 Total Depth 4810 Chlorides 4000 ppm System LCM 8

Blow Description IF: weak .5" blow dead @ 22 minutes

FSI: NO BLOW BACK

FF: NO BLOW

FSI: NO BLOW BACK

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

Rec Total 5 BHT 118 Gravity N/C API RW N/C @ N/C F Chlorides N/C ppm

Initial Hydrostatic 2517 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 38 to 38 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 43 ☐ Circ Sub ☒ Hot

Final Flow 38 to 37 ☐ Hourly Standby ☐ EM Tool Successful -175

Final Shut-In 47 ☒ Mileage (30) 45.50 ☐ Accessibility

Final Hydrostatic 2360 ☐ Sampler ☐ Gas Sample

T-On Location 13:00 ☐ Straddle ☐ Oversized Hole

Initial Flow 30 T-Started 13:50 ☐ Shale Packer ☐ Sub Total -175

Initial Shut-In 30 T-Open 16:35 ☐ Extra Packer ☐ Total 2120.50

Final Flow 30 T-Pulled 19:09 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 60 T-Out 21:24 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney

O'Brate-Finney 11-5

Job Ticket: 70503

DST#: 2

Test Start: 2023.03.23 @ 17:30:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:32

Time Test Ended: 23:42:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4763.00 ft (KB) To 4720.00 ft (KB) (TVD)

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2870.00 ft (KB)

2857.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8372 Inside

Press@RunDepth: 41.39 psig @ 4708.00 ft (KB)

Start Date: 2023.03.23

End Date:

2023.03.23

Start Time: 17:30:01

End Time:

23:42:02

Capacity: psig

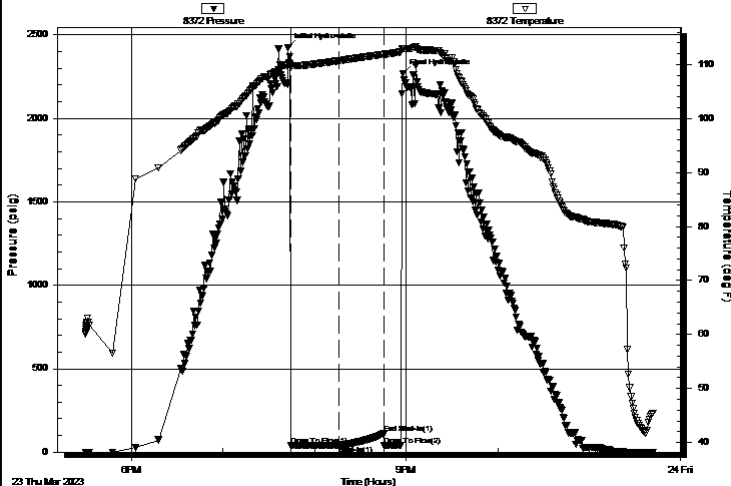
Last Calib.: 2023.03.23

Time On Btm: 2023.03.23 @ 19:42:47

Time Off Btm: 2023.03.23 @ 20:58:02

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: No Blow, Pulled Tool

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.36	109.82	Initial Hydro-static
2	39.67	109.42	Open To Flow (1)
34	41.39	110.71	Shut-In(1)
63	110.38	111.89	End Shut-In(1)
63	42.16	111.89	Open To Flow (2)
76	2267.40	112.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney

O'Brate-Finney 11-5

Job Ticket: 70503

DST#: 2

Test Start: 2023.03.23 @ 17:30:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:32

Time Test Ended: 23:42:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4763.00 ft (KB) To 4720.00 ft (KB) (TVD)

Reference Elevations: 2870.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

2857.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 4708.00 ft (KB)

Capacity: psig

Start Date: 2023.03.23

End Date:

2023.03.23

Last Calib.:

2023.03.23

Start Time: 17:45:01

End Time:

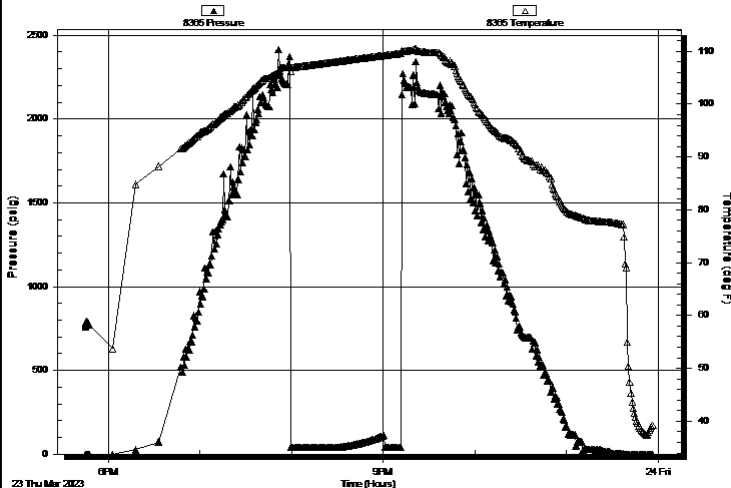
23:57:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: No Blow, Pulled Tool

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney
O'Brate-Finney 11-5
Job Ticket: 70503 **DST#: 2**
Test Start: 2023.03.23 @ 17:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8372

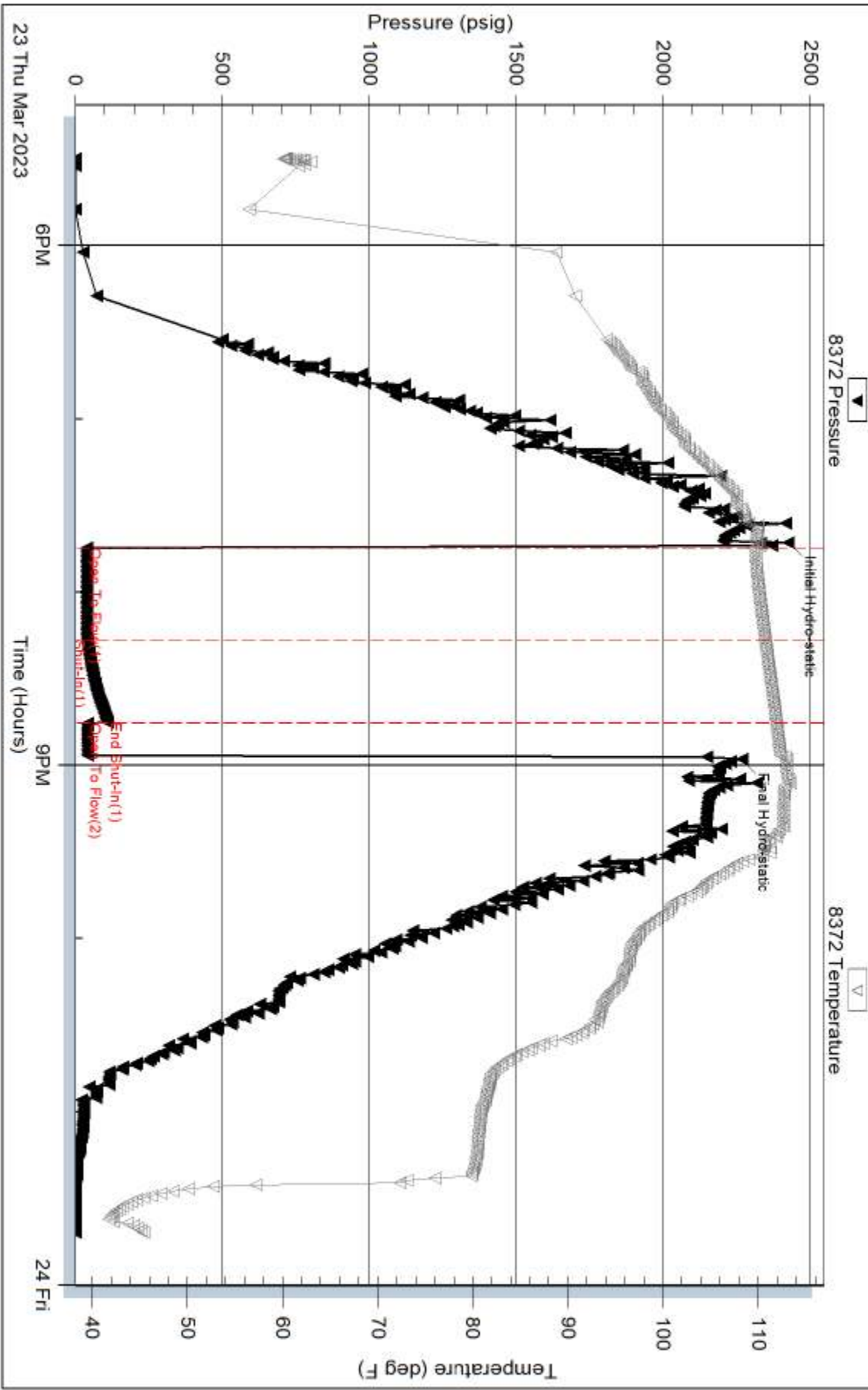
Inside

American Warrior Inc

O'Brate-Finney 11-5

DST Test Number: 2

Pressure vs. Time

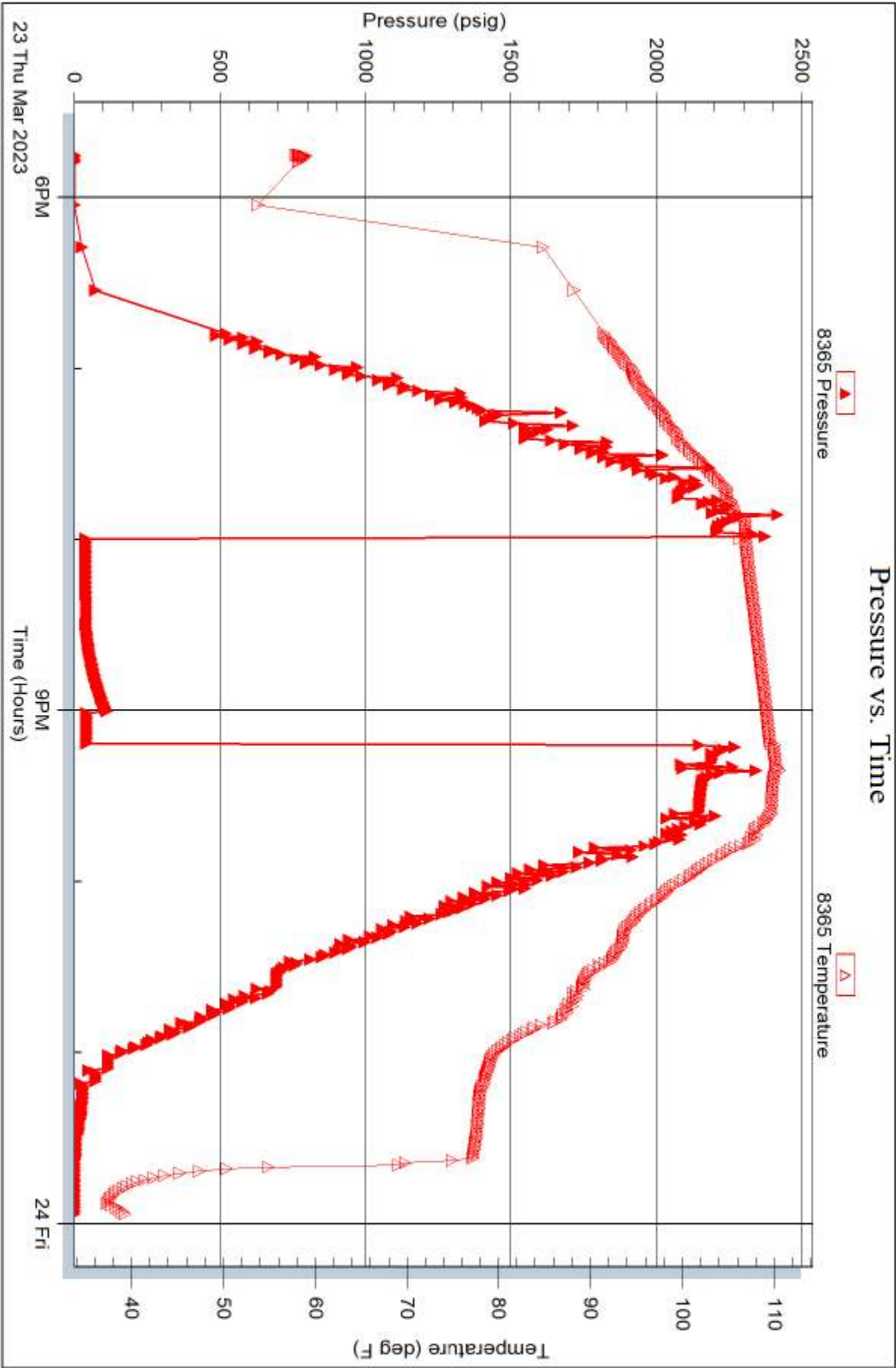


Serial #: 8365

Outside American Warrior Inc

O'Brate-Finney 11-5

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney

O'Brate-Finney 11-5

Job Ticket: 70504

DST#: 3

Test Start: 2023.03.24 @ 13:50:00

GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:32

Time Test Ended: 21:24:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4760.00 ft (KB) To 4810.00 ft (KB) (TVD)

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2870.00 ft (KB)

2857.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8372 Inside

Press@RunDepth: 37.58 psig @ 4807.00 ft (KB)

Start Date: 2023.03.24

End Date:

2023.03.24

Start Time: 13:50:01

End Time:

21:24:02

Capacity: psig

Last Calib.: 2023.03.24

Time On Btm: 2023.03.24 @ 16:34:02

Time Off Btm: 2023.03.24 @ 19:10:02

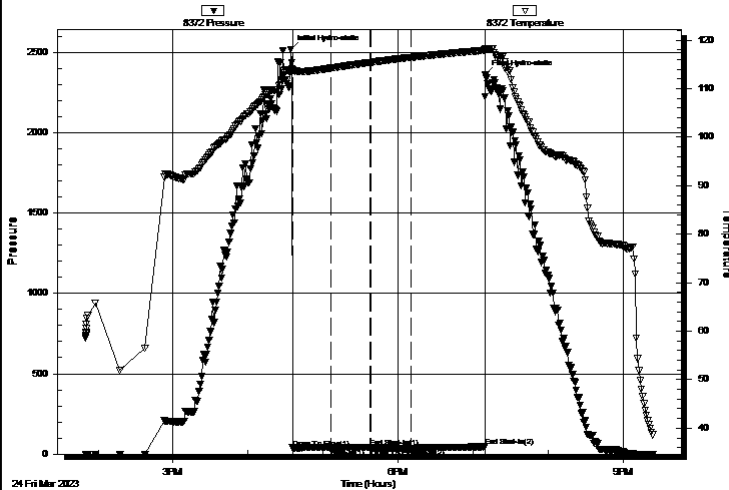
TEST COMMENT: IF: Weak .5" Blow , Dead @ 22 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2517.47	113.66	Initial Hydro-static
2	38.71	113.72	Open To Flow (1)
33	38.29	114.25	Shut-In(1)
64	43.07	115.42	End Shut-In(1)
64	38.12	115.43	Open To Flow (2)
97	37.58	116.45	Shut-In(2)
156	46.74	117.95	End Shut-In(2)
156	2359.79	118.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

5-23S-32W Finney

O'Brate-Finney 11-5

Job Ticket: 70504

DST#: 3

Test Start: 2023.03.24 @ 13:50:00

GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:32

Time Test Ended: 21:24:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4760.00 ft (KB) To 4810.00 ft (KB) (TVD)

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2870.00 ft (KB)

2857.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 4807.00 ft (KB)

Start Date: 2023.03.24

End Date:

2023.03.24

Start Time: 13:50:01

End Time:

21:24:02

Capacity: psig

Last Calib.:

2023.03.24

Time On Btm:

Time Off Btm:

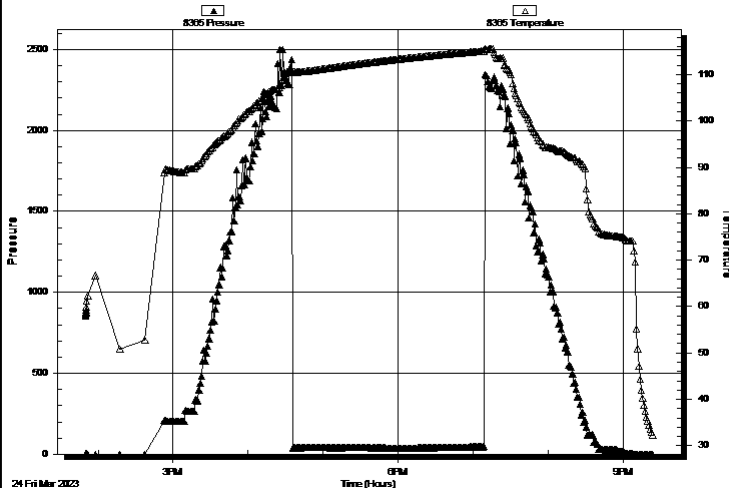
TEST COMMENT: IF: Weak .5" Blow , Dead @ 22 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

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
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

5-23S-32W Finney
O'Brate-Finney 11-5
Job Ticket: 70504 **DST#: 3**
Test Start: 2023.03.24 @ 13:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8372

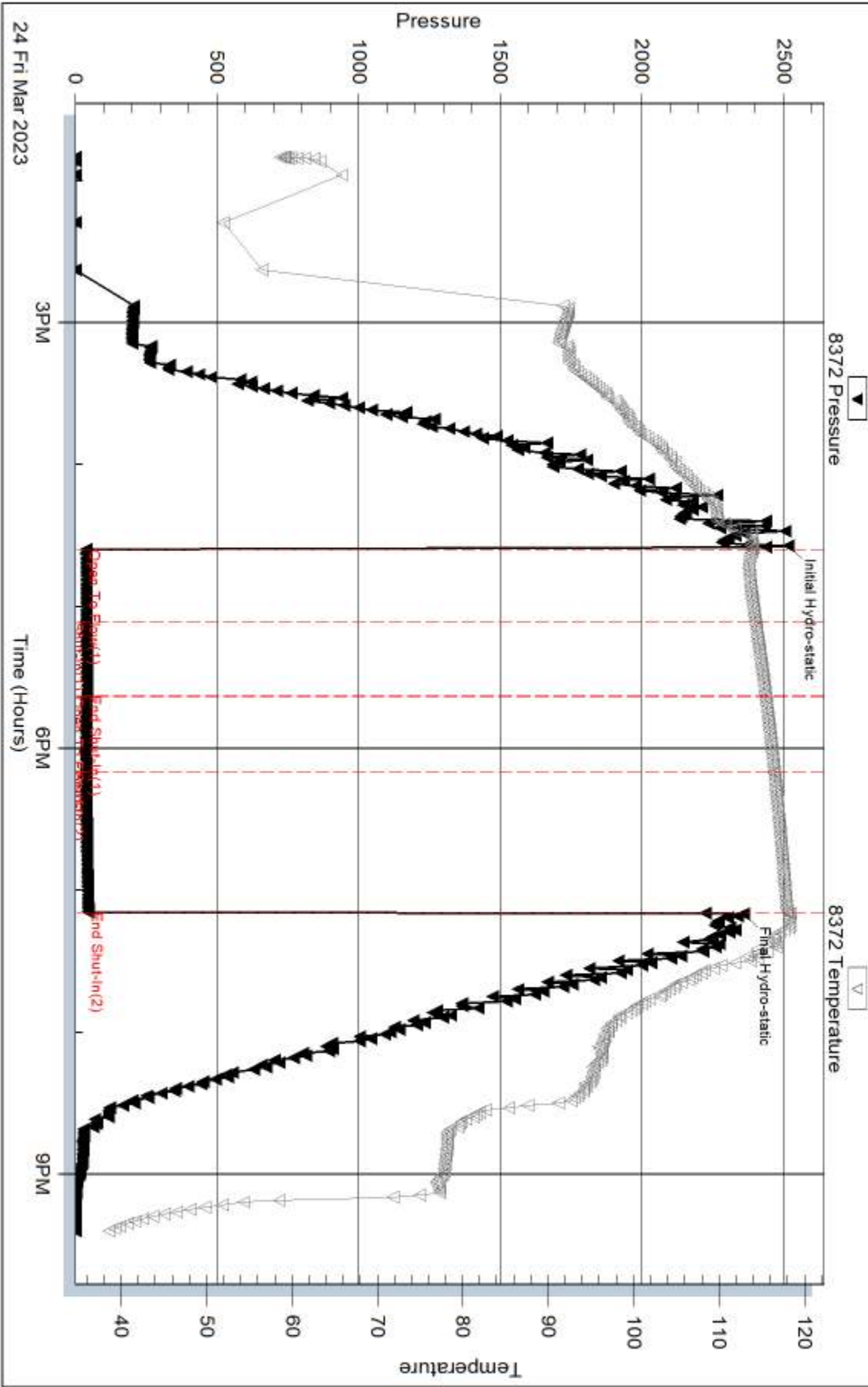
Inside

American Warrior Inc

OBrate-Finney 11-5

DST Test Number: 3

Pressure vs. Time

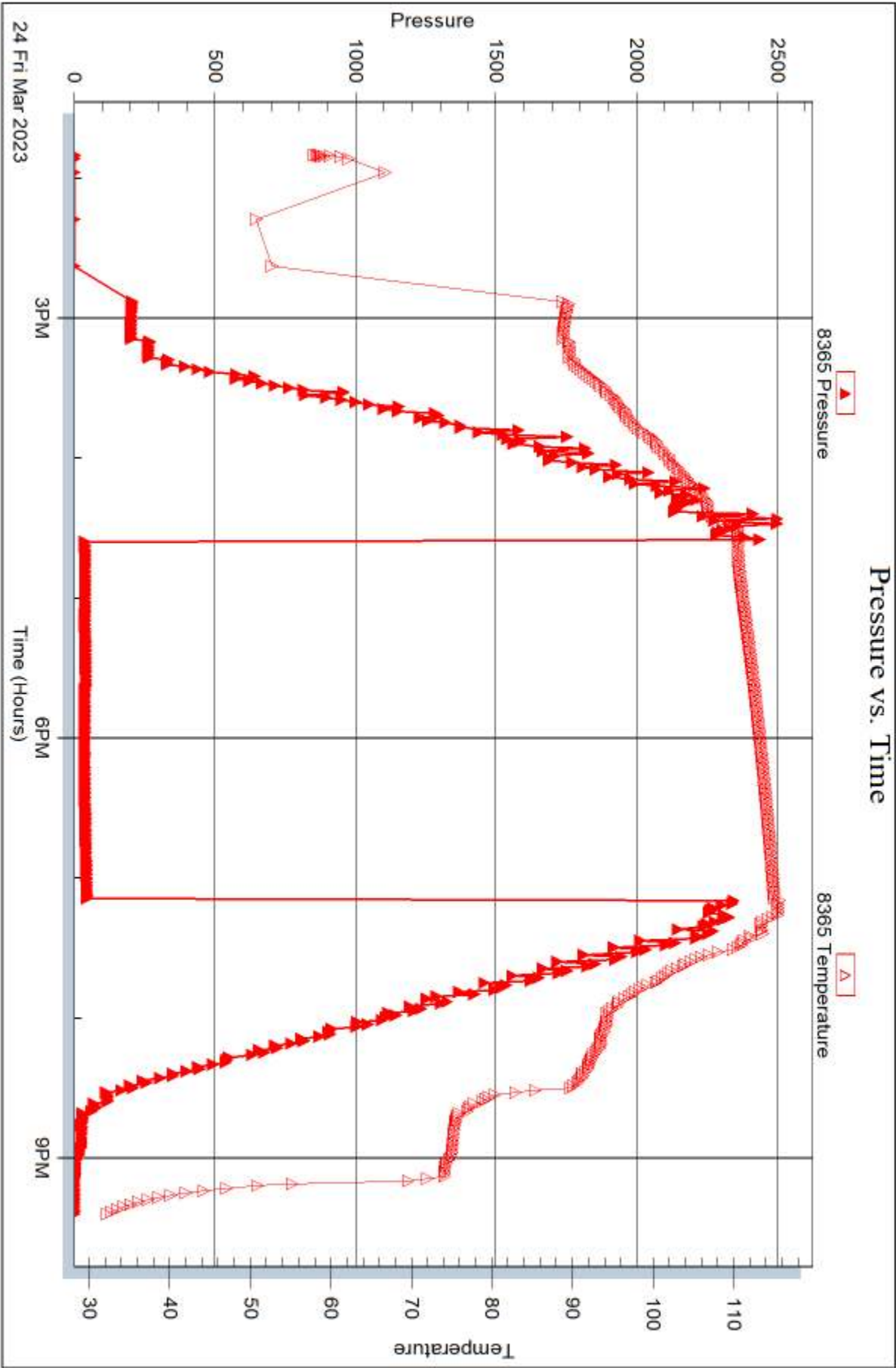


Serial #: 8365

Outside American Warrior Inc

O'Brate-Finney 11-5

DST Test Number: 3



Geological Report

American Warrior, Inc.

O'Brate-Finney #11-5

1042' FNL & 1314' FWL

Sec. 5, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. O'Brate-Finney #11-5 1042' FNL & 1314' FWL Sec. 5, T23s, R32w Finney County, Kansas API # 15-055-22578-0000
Drilling Contractor:	Duke Drilling Co. Rig #9
Geologist:	Kevin Timson
Spud Date:	March 16, 2023
Completion Date:	March 26, 2023
Elevation	2854' G.L. 2867' K.B.
Directions:	From Garden City, KS at the intersection of Hwy 83 and Hwy 400. Go North on Hwy 83 4 miles to 6 Mile Road. Go East one mile on 6 Mile Road to 3 rd Street. Go North two miles on 3 rd Street. East into.
Casing:	1775' 8 5/8" #24 Surface Casing 1801' 5 1/2" #15.5 Production Casing
Samples:	4100' to RTD 10' Wet & Dry
Drilling Time:	4100' to RTD
Electric Logs:	Midwest Wireline "T. Martin" Dual Comp Porosity, Dual Induction, Microresistivity
Drillstem Tests:	Three-Trilobite Testing "Leal Cason"
Problems:	None

Formation Tops
O'Brate-Finney #11-5
Sec. 5, T23s, R32w
1042' FNL & 1314' FWL

Anhydrite	1935' +932
Base	2008' +859
Heebner	3850' -983
Lansing	3895' -1028
Bkc	4366' -1499
Marmaton	4391' -1524
Pawnee	4468' -1601
Fort Scott	4489' -1622
Cherokee	4506' -1639
Morrow	4666' -1799
St. Gen	4688' -1821
RTD	4900' -2033
LTD	4905' -2038

Sample Zone Descriptions

Pawnee **(4474',-1607):** **Covered in DST #1**
Limestone tan. Sub crystalline. Fair oolycastic porosity. Poor to fair stain.
Poor saturation. Very slight SFO when broken. Poor odor.

Fort Scott **(4496',-1629):** **Covered in DST #1**
Limestone tan. Sub crystalline. Fair to good oolycastic porosity. Poor
stain. Poor saturation. NSFO. Poor odor.

Drill Stem Tests **Trilobite Testing** **“Leal Cason”**

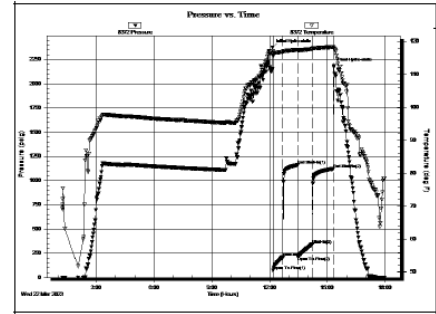
DST #1

Pawnee-Cherokee

Interval (4450' – 4530') Anchor 80'

IHP	- 2378 #	
IFP	- 30" – BOB in 14 min	69-210 #
ISI	- 45" – No return	1161 #
FFP	- 45" – BOB in 18 min	216-343 #
FSIP	- 60" – No return	1123 #
FHP	- 2182 #	
BHT	- 119° F	

Recovery: 282' MCW, 183' W



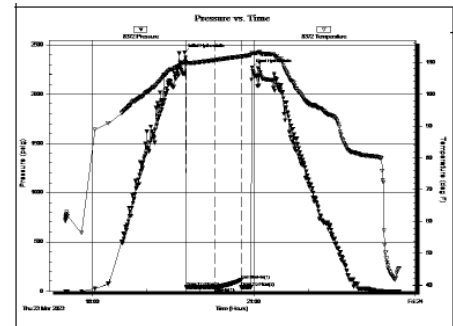
DST #2

Morrow

Interval (4663' – 4720') Anchor 57'

IHP	- 2425 #	
IFP	- 30" – WSB	39-41 #
ISI	- 30" – No return	110 #
FFP	- 10" – No blow	40 #
FSIP	- Pull Tool	NA
FHP	- 2267 #	
BHT	- 113° F	

Recovery: 5' Mud



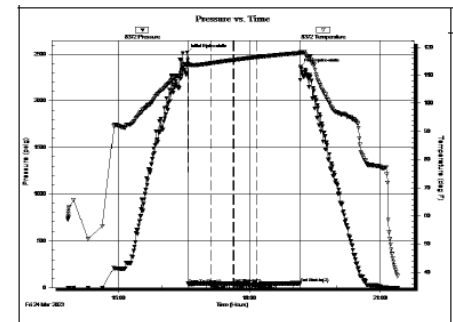
DST #3

St. Louis

Interval (4760' – 4810') Anchor 50'

IHP	- 2517 #	
IFP	- 30" – WSB died 22 min	38-38 #
ISI	- 30" – No return	43 #
FFP	- 30" – No blow	38-37 #
FSIP	- 60" – No return	47 #
FHP	- 2360 #	
BHT	- 118° F	

Recovery: 5' Mud



Structural Comparison

Formation	American Warrior, Inc O'Brate-Finney #11-5 Sec 5, T23s, R32w 1042' FNL & 1314' FWL		American Warrior, Inc. O'Brate-Finney #4-5 Sec 5, T23s, R32w 2262' FSL & 941' FWL		American Warrior, Inc. O'Brate-Finney #6-5 Sec 5, T23s, R32w 357' FNL & 2497' FEL
Heebner	3850' -983	+1	3846' -984	-10	3845' -973
Lansing	3895' -1028	+4	3894' -1032	-8	3892' -1020
BKc	4366' -1499	+4	4365' -1503	-11	4360' -1488
Marmaton	4391' -1524	+5	4391' -1529	-10	4386' -1514
Fort Scott	4489' -1622	+6	4490' -1628	-6	4488' -1616
Cherokee	4506' -1639	+7	4508' -1646	-10	4501' -1629
Morrow	4666' -1799	+13	4674' -1812	-8	4663' -1791
St. Gen	4688' -1821	+29	4712' -1850	+13	4706' -1834

Summary

The location for the O'Brate-Finney #11-5 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 run 5 1/2" casing for a water supply well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

