

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

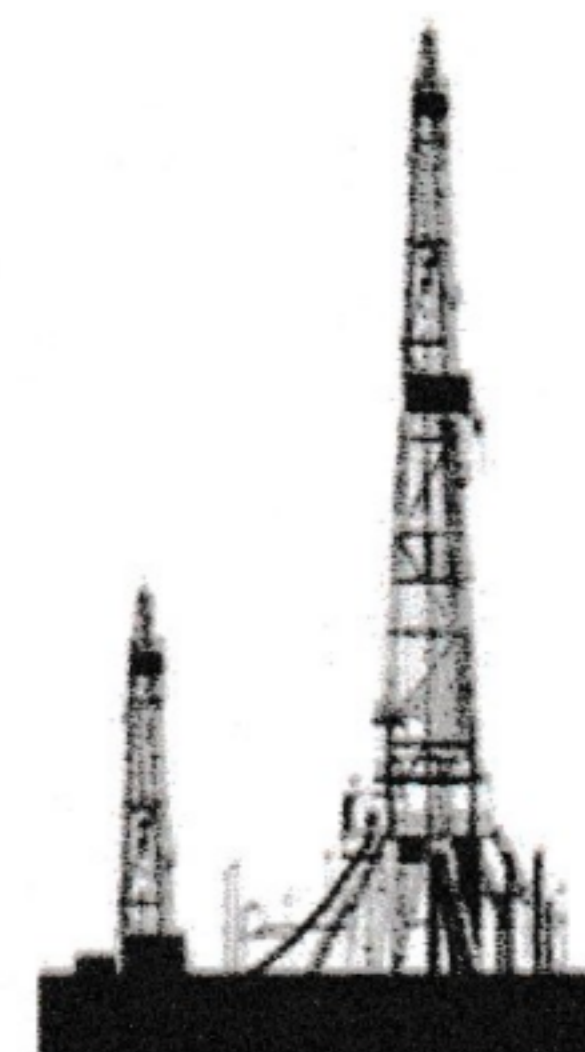
TUBING RECORD:	Size:	Set At:	Packer At:	
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QUASAR ENERGY SERVICES, INC.



www.quasarenergyservices.com

3288 FM 51
Gainesville, Texas 76240
Office: 940-612-3336
Fax: 940-612-3336 | qesi@qeserve.com



FRACTURING | ACID | CEMENT | NITROGEN

BID #: 5700		AFE#/PO#: 0	
TYPE / PURPOSE OF JOB: SURFACE		SERVICE POINT: Liberal, KS	
CUSTOMER: American Warrior		WELL NAME: MAB Unit 1-16	
ADDRESS: PO Box 399		LOCATION: Jetmore, Ks.	
CITY: Garden City	STATE: Ks.	ZIP: 67846	COUNTY: Hodgeman STATE: Ks.
DATE OF SALE: 7/7/2022			

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
115	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.31	\$ 610.65
230	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.30	\$ 1,909.00
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
Subtotal for Pumping & Equipment Charges					\$	4,834.90

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
175	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 2,894.50
350	5770	L	Per Lb.	Calcium Chloride	\$1.46	\$ 511.00
41	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.65	\$ 108.65
350	5850	L	Per Lb.	Gypsum	\$1.00	\$ 350.00
350	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.32	\$ 812.00
Subtotal for Material Charges					\$	4,676.15

MANHOURS: 36	# WORKERS: 3	TOTAL \$	9,511.05
WORKERS		DISCOUNT: 10%	DISCOUNT \$ 951.11
Daniel Beck		DISCOUNTED TOTAL \$	8,559.95
Danny McLane			
Noel Leon			

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
*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.	Signature: <i>X Emigdio Rojas</i> Date: <i>07-07-2021</i> Print Name: <i>X Emigdio Rojas</i>



QUASAR ENERGY SERVICES, INC.

3288 FM 51
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Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

7/7/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: American Warrior Well Name: MAB Unit 1-16

Type Job: Cement- Surface AFE #:

CASING DATA

Table with 4 columns: Size (8 5/8), Grade, Weight (24), Casing Depths (Top, Bottom: 312.97), Drill Pipe (Size, Weight), Packer, Open Hole (Size: 12 1/4, T.D. (ft)), Hole.

CEMENT DATA

Table with 7 columns: Spacer Type, Amt., Sks Yield, ft^3/sk, Density (PPG), LEAD, TAIL (Class A: 2% Gyp., 2% CC., 2% SMS., 1/4# Celloflake), WATER (Lead, Tail, Total (bbls)), Pump Trucks Used (04, DP03), Bulk Equipment (229, 660-23), Disp. Fluid Type (Water (Supplied), Amt. (Bbls.), Weight (PPG)).

COMPANY REPRESENTATIVE: Emilio CEMENTER: Daniel Beck

Table with 6 columns: TIME (AM/PM), PRESSURES PSI (Casing, Tubing, ANNULUS), FLUID PUMPED DATA (TOTAL, RATE), REMARKS. Includes entries for 3:30 to 8:25.

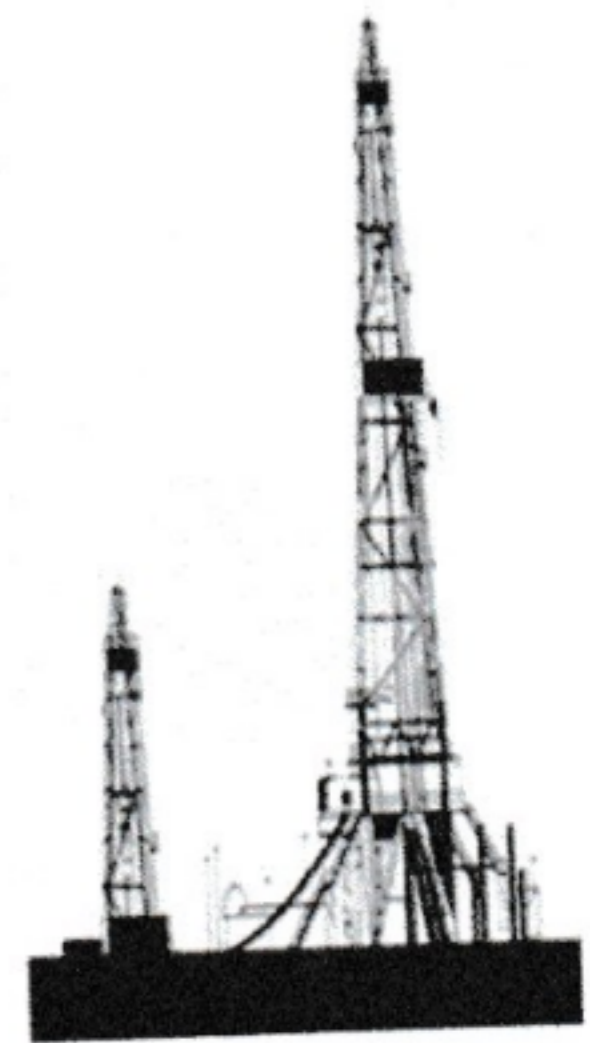
Company: American Warrior Well Name: MAB Unit 1-16
Type Job: Cement- Surface AFE #:
Date: 7/7/2022 CEMENTING JOB LOG

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FRACTURING | ACID | CEMENT | NITROGEN

BID #: 5733		AFE#/PO#:	
TYPE / PURPOSE OF JOB: PLUG/PTA		SERVICE POINT: Liberal, KS	
CUSTOMER: AMERICAN WARRIOR		WELL NAME: MAB UNIT 1-16	
ADDRESS: PO BOX 399		LOCATION: JETMORE, KS	
CITY: GARDEN CITY	STATE: KS	ZIP: 67846	COUNTY: HODGEMAN
		STATE: KS	

DATE OF SALE: 7/13/2022					UNIT PRICE	AMOUNT
QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED		
115	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.31	\$ 610.65
230	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.30	\$ 1,909.00
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
Subtotal for Pumping & Equipment Charges						\$ 4,834.90

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
250	5660	L	Per Sack	Cement - Lite - A	\$16.54	\$ 4,135.00
450	5840	L	Per Lb.	Gel (Bentinite)	\$0.34	\$ 153.00
Subtotal for Material Charges						\$ 4,288.00

MANHOURS: 0	# WORKERS: 3	TOTAL		\$ 9,122.90
WORKERS		DISCOUNT: 0%	DISCOUNT	\$ -
Chad Hinz		DISCOUNTED TOTAL		\$ 9,122.90
Jesse Paxton				
Noel Leon				

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: *Emigdio Rojas* Date: 7-13-22

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.



QUASAR ENERGY SERVICES, INC.

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Form 185-2J

7/13/22
 CEMENTING JOB LOG

CEMENTING JOB LOG

Company: AMERICAN WARRIOR **Well Name:** MAB UNIT 1-16
Type Job: PLUG/PTA **AFE #:**

CASING DATA					
Size:	0	Grade:	0	Weight:	0
Casing Depths	Top: 0	Bottom:	0		
Drill Pipe:	Size: 0	Weight:	0		
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 0
Open Hole:	Size: 0	T.D. (ft):	0		
Perforations	From (ft):	To:		Packer Depth(ft):	

CEMENT DATA					
Spacer Type:				Density (PPG)	
Amt.	Sks Yield		ft ³ /sk	Excess	
LEAD:				Density (PPG)	
Amt.	Sks Yield		ft ³ /sk	Excess	
TAIL:	CLASS A 60/40/4			Density (PPG)	13.5
Amt.	250	Sks Yield	1.5	ft ³ /sk	

WATER:									
Lead:		gals/sk:		Tail:	7.5	gals/sk:	44.6	Total (bbls):	44.6
Pump Trucks Used:	210-DP11								
Bulk Equipment:	227 660-25								
Disp. Fluid Type:		Amt. (Bbls.)		Weight (PPG):					
Mud Type:				Weight (PPG):					

COMPANY REPRESENTATIVE: _____ **CEMENTER:** Chad Hinz

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		RATE
2300						ON LOC, SAFTEY MTG, R.U.	
2338			240			5	H2O SPACER
2342			370		15	5	MIX 50 SX @ 1570'
2345			80		13.35	4	DISPLACE
2346			120		3	5	MUD
2349							TOOH
054			170			5	H2O SPACER
058			180		15	5	MIX 80 SX @690'
0104			40		21.3	5	DISPLACE
0106					4		TOOH
0141			120			5	H2O SPACER
0144			140		10	5	MIX 50 SX @ 360
0147			30		13.3	5	DISPLACE
0149					1		TOOH
0231			20			2	PLUG AT 60'
0237							PLU RAT AND MOUSE
0247							WASHUP
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Geological Report

American Warrior, Inc.

MAB Unit #1-16

1102' FNL & 60' FEL

Sec. 16, T23s, R23w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
MAB Unit #1-16
1102' FNL & 60' FEL
Sec. 16, T23s, R23w
Hodgeman County, Kansas
API # 15-083-22012-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: July 6, 2022

Completion Date: July 13, 2022

Elevation 2392' G.L.
2405' K.B.

Directions: From the south side of Jetmore, KS. Go East .7 miles on L Rd. Go 1 miles South on 219 Rd. Go 1.5 miles East on K Rd. South into.

Casing: 312' 8 5/8" #24 Surface Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 4400' to RTD

Electric Logs: None

Drillstem Tests: Two-Trilobite Testing "Leal Cason"

Problems: None

Formation Tops
MAB Unit #1-16
Sec. 16, T23s, R23w
1102' FNL & 60' FEL

Anhydrite	NA
Base	NA
Heebner	NA
Lansing	NA
Bkc	NA
Marmaton	NA
Fort Scott	4553' -2148
Cherokee	4580' -2175
Miss Warsaw	4647' -2242
RTD	4685' -2280
LTD	NA

Sample Zone Descriptions

Miss Warsaw (4647',-2242): Covered in DST #1 & DST #2
Dolomite Gray. Sub crystalline. Fair vuggy porosity, poor intercrystalline porosity. Good stain. Fair saturation. Fair show of free oil. Fair odor. 12 unit gas kick.

Drill Stem Tests
Trilobite Testing
“Leal Cason”

DST #1

Miss Warsaw

Interval (4598' – 4675') Anchor 77'

IHP	- 2295 #	
IFP	- 30" – WSB built to 1"	31-40 #
ISI	- 30" – No return	860 #
FFP	- 30" – No blow	45-48 #
FSIP	- 30" - No return	776 #
FHP	- 2159 #	
BHT	- 122° F	
Recovery:	10' Mud	

DST #2

Miss Warsaw

Interval (4675' – 4685') Anchor 10'

IHP	- 2309 #	
IFP	- 30" – WSB built to 1.5"	30-39 #
ISI	- 30" – No return	1153 #
FFP	- 30" – WSB built to 1"	44-53 #
FSIP	- 30" – No return	1074 #
FHP	- 2230 #	
BHT	- 122° F	
Recovery:	70' MCW	

Structural Comparison

Formation	American Warrior, Inc MAB Unit #1-16 Sec 16, T23s, R23w 1102' FNL & 60' FEL		American Warrior Inc Hubin Unit #1-15 Sec 15, T23s, R23w 245' FNL & 1891' FWL		American Warrior, Inc. Hubin B #1-15 Sec 15, T23s, R23w 637' FNL & 1080' FWL
Anhydrite	NA	NA	1476' +853	NA	1499' +852
Heebner	NA	NA	3867' -1538	NA	3894' -1543
Lansing	NA	NA	3930' -1601	NA	3957' -1606
BKc	NA	NA	4307' -1978	NA	4335' -1984
Marmaton	NA	NA	4329' -2000	NA	4359' -2008
Fort Scott	4553' -2148	-9	4468' -2139	-2	4497' -2146
Cherokee	4580' -2175	-11	4493' -2164	-5	4521' -2170
Miss War.	4647' -2242	-13	4558' -2229	-5	4588' -2237

Summary

The location for the MAB Unit #1-16 well was found via 3-D seismic survey. The new well ran structurally lower than expected. Two drill stem tests were conducted, none of which recovered commercial amounts of oil. After all the gathered data had been examined, the decision was made to plug and abandon the MAB Unit #1-16 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

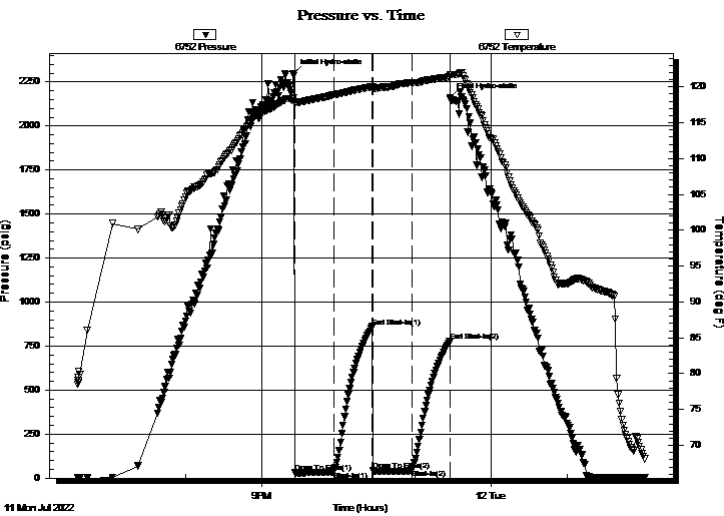
16-23S-23W Hodgeman
MAB Unit 1-16
Job Ticket: 68184 **DST#: 1**
Test Start: 2022.07.11 @ 18:35:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:25:47
Time Test Ended: 02:01:02
Interval: **4598.00 ft (KB) To 4675.00 ft (KB) (TVD)**
Total Depth: 4675.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 72
Reference Elevations: 2405.00 ft (KB)
2390.00 ft (CF)
KB to GR/CF: 15.00 ft

Serial #: 6752 **Inside**
Press@RunDepth: 47.62 psig @ 4667.00 ft (KB) Capacity: psig
Start Date: 2022.07.11 End Date: 2022.07.12 Last Calib.: 2022.07.12
Start Time: 18:35:01 End Time: 02:01:02 Time On Btm: 2022.07.11 @ 21:24:32
Time Off Btm: 2022.07.11 @ 23:28:02

TEST COMMENT: IF: Weak Blow , Built to 1.09 Inch
IS: No Blow Back
FF: No Blow
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2295.22	118.44	Initial Hydro-static
2	31.21	117.91	Open To Flow (1)
32	39.97	118.91	Shut-In(1)
63	860.48	120.00	End Shut-In(1)
63	44.70	119.72	Open To Flow (2)
93	47.62	120.58	Shut-In(2)
123	775.78	121.42	End Shut-In(2)
124	2159.55	121.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

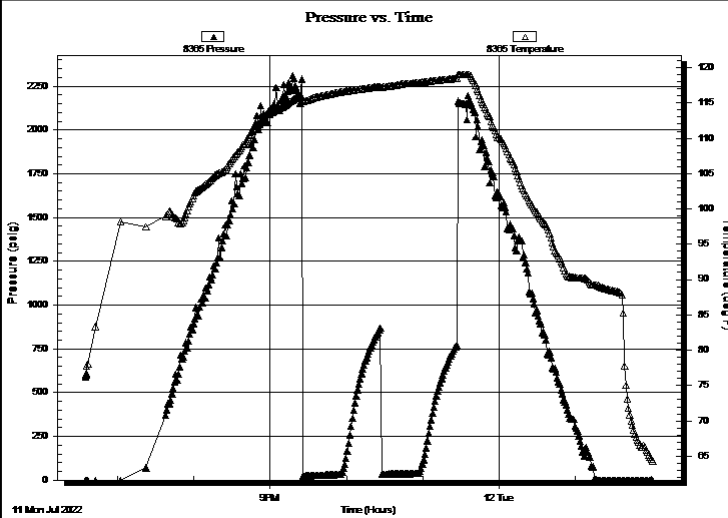
16-23S-23W Hodgeman
MAB Unit 1-16
Job Ticket: 68184 **DST#: 1**
Test Start: 2022.07.11 @ 18:35:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:25:47
Time Test Ended: 02:01:02
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 72
Interval: **4598.00 ft (KB) To 4675.00 ft (KB) (TVD)**
Reference Elevations: 2405.00 ft (KB)
Total Depth: 4675.00 ft (KB) (TVD) 2390.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 15.00 ft

Serial #: 8365 **Outside**
Press@RunDepth: psig @ 4667.00 ft (KB) Capacity: psig
Start Date: 2022.07.11 End Date: 2022.07.12 Last Calib.: 2022.07.12
Start Time: 18:35:01 End Time: 02:01:02 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 1.09 Inch
IS: No Blow Back
FF: No Blow
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

16-23S-23W Hodgeman
MAB Unit 1-16
Job Ticket: 68184 **DST#: 1**
Test Start: 2022.07.11 @ 18:35:00

Mud and Cushion Information

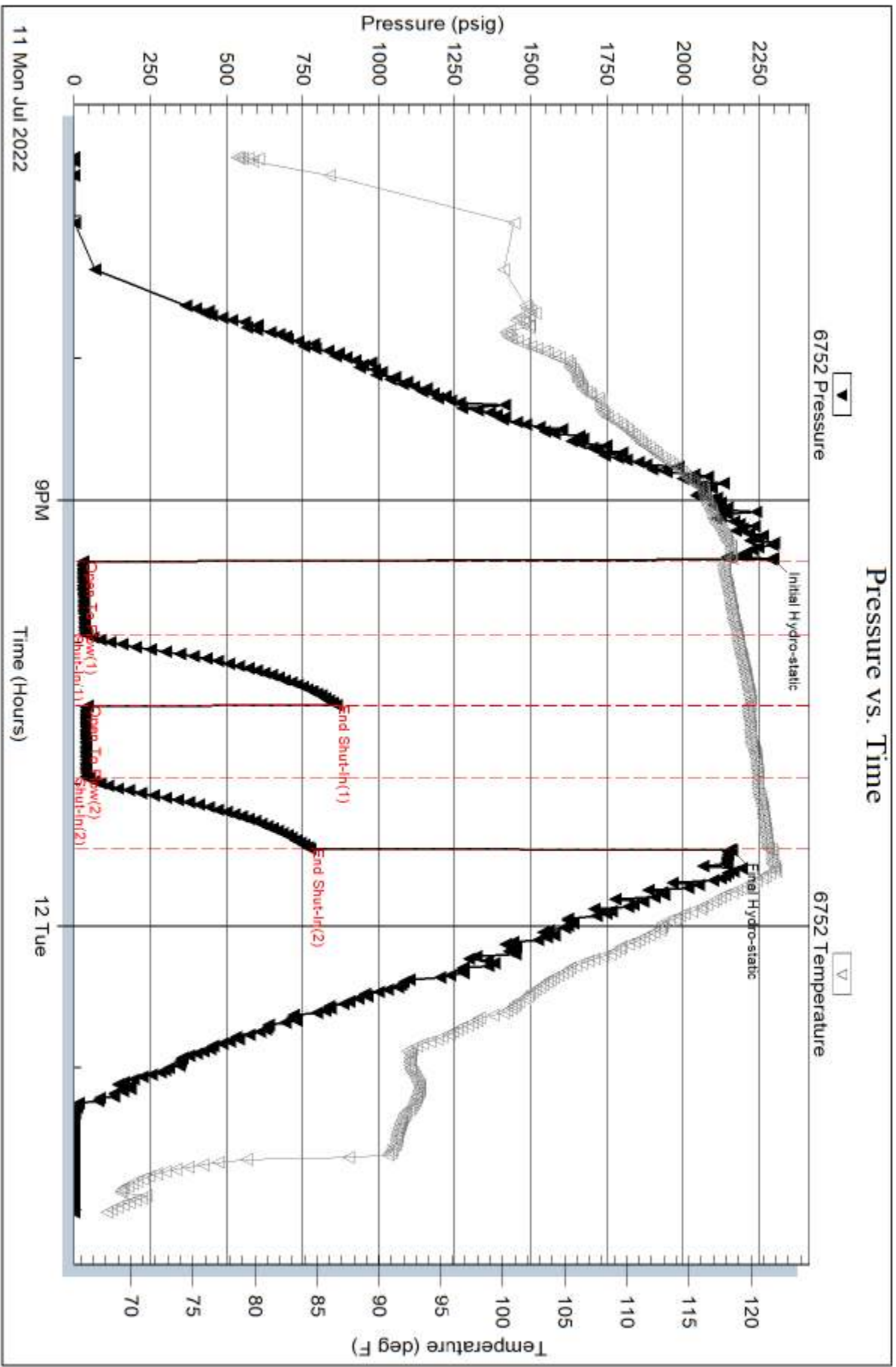
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1650.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

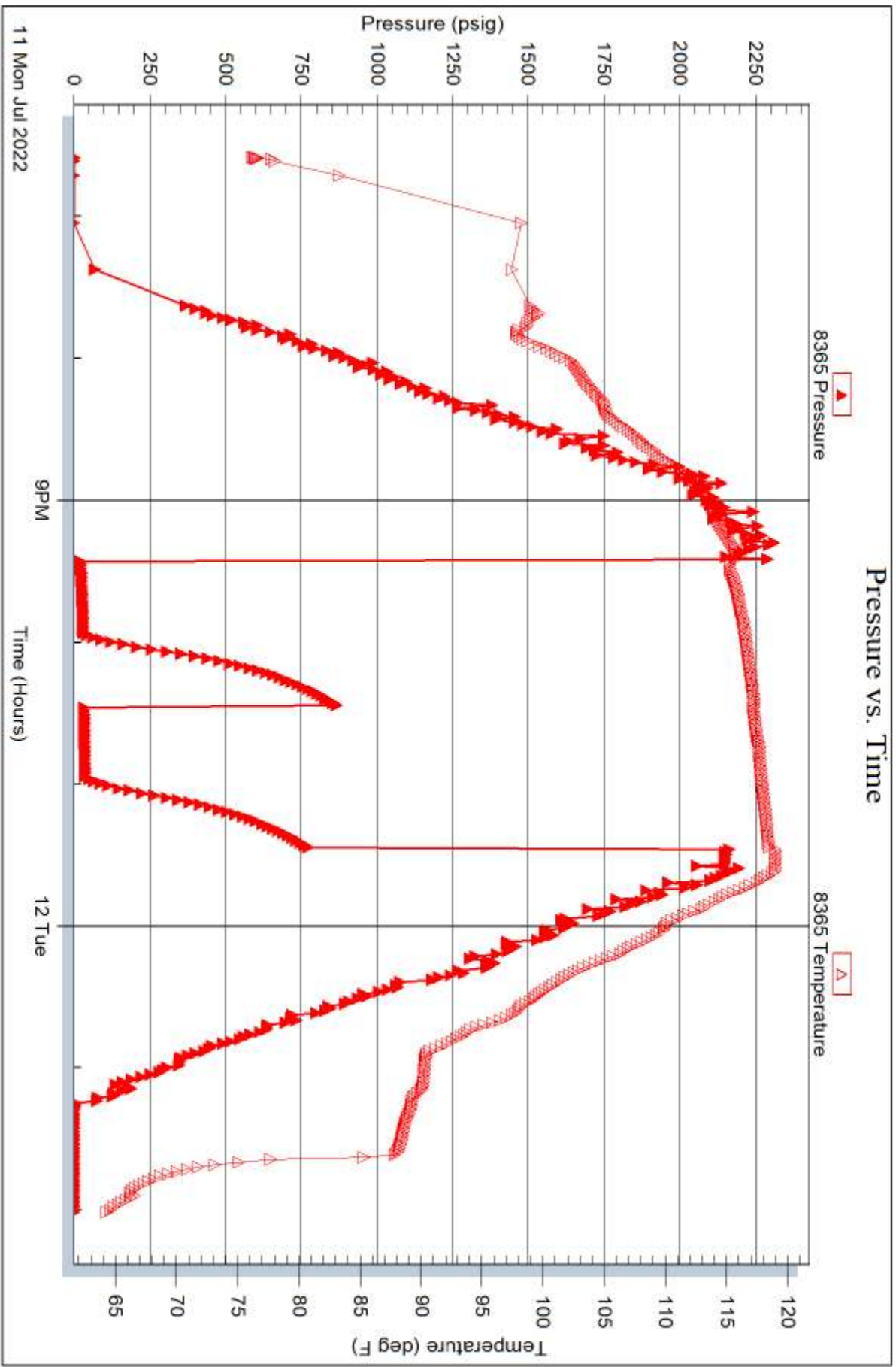


Serial #: 8365

Outside American Warrior Inc

IMAB Unit 1-16

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

16-23S-23W Hodgeman
MAB Unit 1-16
 Job Ticket: 68185 **DST#: 2**
 Test Start: 2022.07.12 @ 09:40:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:02:17
 Time Test Ended: 16:22:02
 Interval: **4675.00 ft (KB) To 4685.00 ft (KB) (TVD)**
 Total Depth: 4685.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 72
 Reference Elevations: 2405.00 ft (KB)
 2390.00 ft (CF)
 KB to GR/CF: 15.00 ft

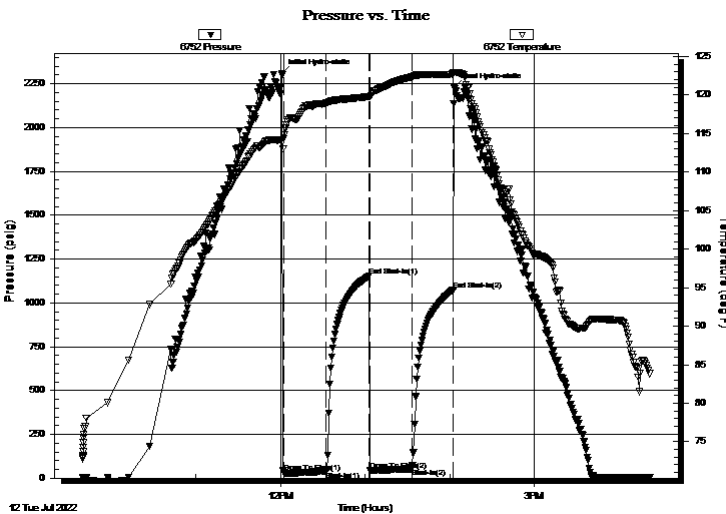
Serial #: 6752

Inside

Press@RunDepth: 53.11 psig @ 4682.00 ft (KB) Capacity: psig
 Start Date: 2022.07.12 End Date: 2022.07.12 Last Calib.: 2022.07.12
 Start Time: 09:40:01 End Time: 16:22:02 Time On Btm: 2022.07.12 @ 12:01:02
 Time Off Btm: 2022.07.12 @ 14:03:17

TEST COMMENT: IF: Weak Blow , Built to 1.69 Inch
 IS: No Blow Back
 FF: Weak Blow , Built to 1 inch
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2309.50	114.22	Initial Hydro-static
2	30.42	114.30	Open To Flow (1)
32	39.55	118.95	Shut-In(1)
62	1153.12	119.80	End Shut-In(1)
63	43.70	119.84	Open To Flow (2)
92	53.11	122.35	Shut-In(2)
122	1073.69	122.75	End Shut-In(2)
123	2230.36	122.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MCW 32%M 68%W	0.34

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

16-23S-23W Hodgeman
MAB Unit 1-16
Job Ticket: 68185 **DST#: 2**
Test Start: 2022.07.12 @ 09:40:00

Mud and Cushion Information

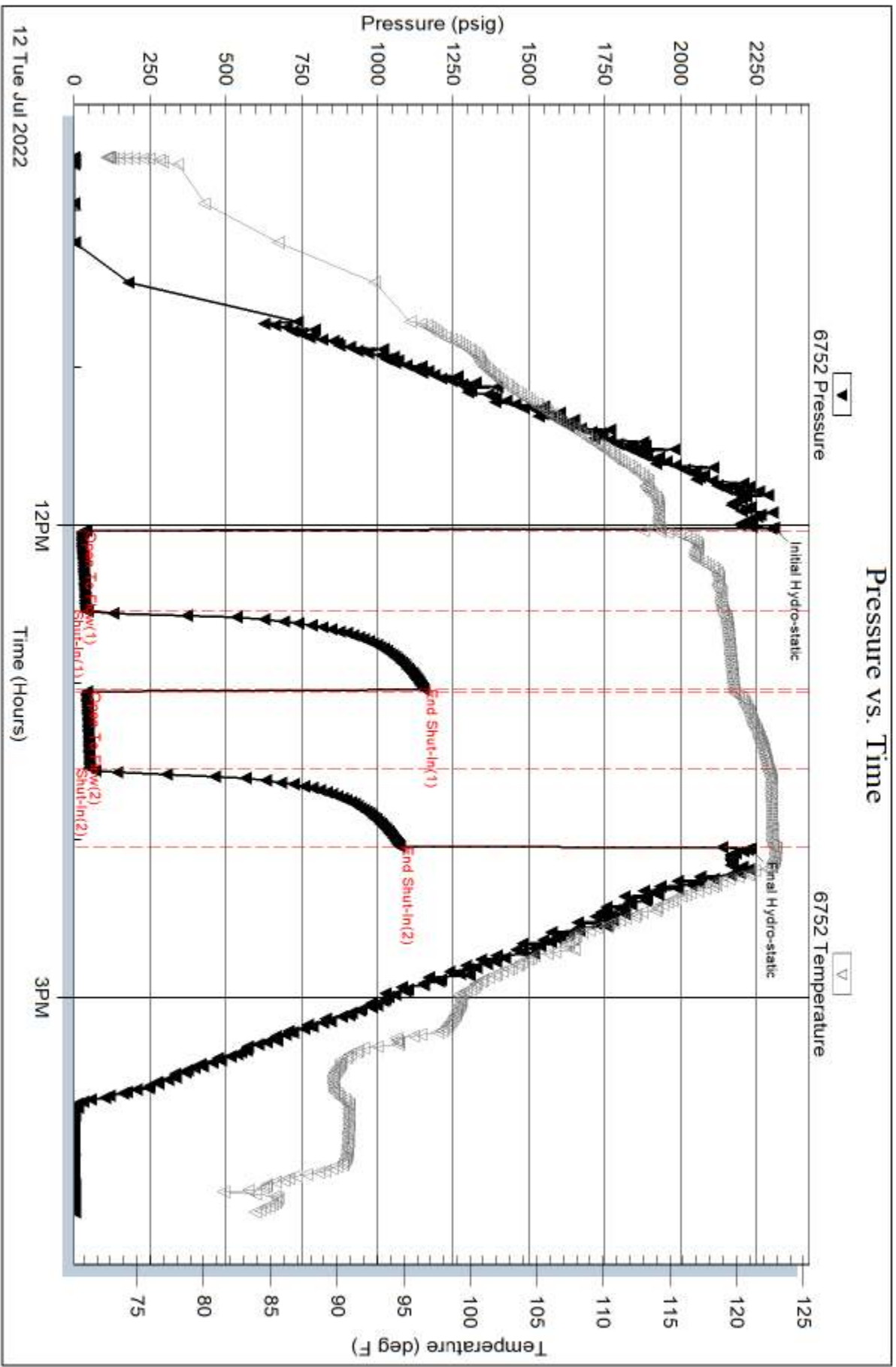
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	54000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1650.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MCW 32%M 68%W	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW w as .1 @ 98 degrees

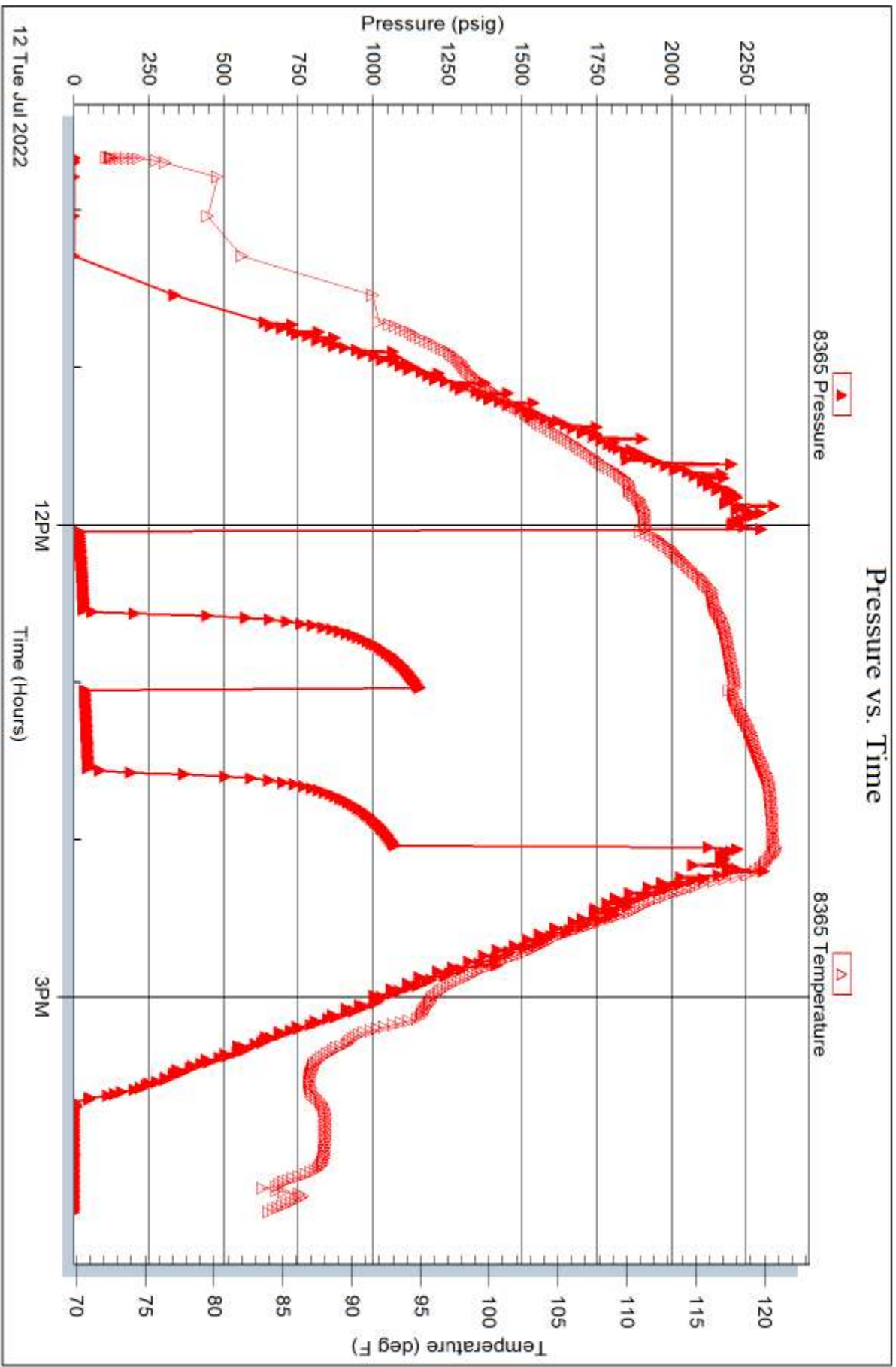


Serial #: 8365

Outside American Warrior Inc

IMB Unit 1-16

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68185

Printed: 2022.07.12 @ 17:03:06