



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1254387  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

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  SIOW
- Gas  D&A  ENHR  SIGW
- OG  GSW  Temp. Abd.
- 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 ENHR  Conv. to SWD
- Plug Back  Conv. to GSW  Conv. to Producer
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1254387

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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Tomasheck 1-10
Doc ID	1254387

Tops

Name	Top	Datum
Anhy	1574	+631
B/Anhy	1604	+601
Topeka	3174	-969
Heebner	3386	-1181
Toronto	3409	-1204
Lansing	3425	-1220
B/KC	3649	-1444
Arbuckle	3734	-1529



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

TICKET 27181

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays Ks</i>	WELL/PROJECT NO. <i>#1-10</i>	LEASE <i>Tomashock</i>	COUNTY/PARISH <i>Rooks</i>	STATE <i>Ks</i>	CITY	DATE <i>5-19-15</i>	OWNER
2. <i>Ness City Ks</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Discovery Drilling</i>	RIG NAME/NO. <i>Rig # 2</i>	SHIPPED VIA	DELIVERED TO <i>location</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Shallow Surface</i>	WELL PERMIT NO.	WELL LOCATION		
4.	INVOICE INSTRUCTIONS						
REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	30	Mi			5 <sup>00</sup>	150 <sup>00</sup>
5765		1			Pump Charge - Shallow Surface	1	EA			800 <sup>00</sup>	800 <sup>00</sup>
290		1			D-AIR	2	Gal			42 <sup>00</sup>	84 <sup>00</sup>
325		2			Standard Cement	150	Sks			12 <sup>25</sup>	<del>1837</del> 50
279		2			Bentonite Gel	6	Sks			25 <sup>00</sup>	150 <sup>00</sup>
278		2			Calcium Chloride	7 <del>7</del>	Sks			40 <sup>00</sup>	280 <sup>00</sup>
581		2			Service Charge Cement	150	Sks			1 <sup>50</sup>	225 <sup>00</sup>
583		2			Drainage	370	Tm			75	277 <sup>50</sup>

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<del>XXXX</del> <b>3804<sup>00</sup></b>
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	<i>Rooks TAX 6.65%</i> <b>3960<sup>37</sup></b>

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

SWIFT OPERATOR \_\_\_\_\_ APPROVAL *[Signature]*

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 5-19-15 PAGE NO.

CUSTOMER American Warrior WELL NO. #1-10 LEASE Tomashock JOB TYPE Shallow Surface TICKET NO. 27181

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	330							on location
								RTD - 219
								Total csg - 218.39
	500							Circulate on bottom
	510	4.5	0				0	start cmt
			30				0	cmt in pit
			36				0	End cmt
			0				0	Start Disp
	530		12.5				200	End Disp
								Thanks
								David Austin & Preston



Date 5-29-15 District Russell Ticket No. 55771  
 Company American Well Rig Primary 2  
 Lease Tomahawk Well No. 1-10  
 County Butt State LA  
 Location Phinney 11.42 43 7W Field 1  
Yon E-10

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size 4 1/2 Weight 16.6 Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 3330 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 2-1/4 42 gal  
1/4 25 lb Excess \_\_\_\_\_  
 Amt. 305 Skys Yield 1.42 ft<sup>3</sup>/sk Density 13.3 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead 6.88 gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbbls.

Pump Trucks Used 409 Tracy J  
 Bulk Equip. 410 Ben G

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE [Signature]

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
						on location safety meeting
4:05 PM	150		12.65		3	mix 50 lbs @ 3714
			1 1/2		2	displace with H <sub>2</sub> O
			4.2			displace with mud (red)
5:30 PM	100		8		3.5	push H <sub>2</sub> O ahead
<del>5:30 PM</del>	100		12.65		3.7	mix 50 lbs @ 1600
	100		8		3.5	displace with H <sub>2</sub> O
6:00 PM	100		25		3.5	mix 100 lbs @ 920
	100		6.5		3	displace with H <sub>2</sub> O
6:35 PM	100		12.65		3.5	mix 50 lbs @ 270
			1		3	displace with H <sub>2</sub> O
			2.5			mix 10 lbs @ 40 with mud on plug
			7.6			mix 30 lbs in R-1 hole
			3.8			mix 15 lbs in mouse hole



## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS. 67846

ATTN: Mark Downing

### **Tomasheck #1-10**

#### **10-10s-19w Rooks,KS**

Start Date: 2015.05.23 @ 05:57:00

End Date: 2015.05.23 @ 11:57:45

Job Ticket #: 53754                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.26 @ 09:20:10









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Mark Downing

**10-10s-19w Rooks,KS**  
**Tomasheck #1-10**  
Job Ticket: 53754      **DST#: 1**  
Test Start: 2015.05.23 @ 05:57:00

**Tool Information**

Drill Pipe:	Length: 3124.00 ft	Diameter: 3.80 inches	Volume: 43.82 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 320.00 ft	Diameter: 2.70 inches	Volume: 2.27 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 46.09 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3450.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Change Over Sub	1.00			3431.00	
Shut In Tool	5.00			3436.00	
Hydraulic tool	5.00			3441.00	
Packer	5.00			3446.00	20.00      Bottom Of Top Packer
Packer	4.00			3450.00	
Stubb	1.00			3451.00	
Perforations	2.00			3453.00	
change Over Sub	1.00			3454.00	
Drill Pipe	31.00			3485.00	
Recorder	0.00	6772	Inside	3485.00	
Recorder	0.00	8845	Outside	3485.00	
Change Over Sub	1.00			3486.00	
Perforations	6.00			3492.00	
Bullnose	3.00			3495.00	45.00      Bottom Packers & Anchor

**Total Tool Length: 65.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Mark Downing

**10-10s-19w Rooks,KS**  
**Tomasheck #1-10**  
Job Ticket: 53754      **DST#: 1**  
Test Start: 2015.05.23 @ 05:57:00

## 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100% 'with few oil specs'	0.071
0.00	Show of free oil in test tool	0.000

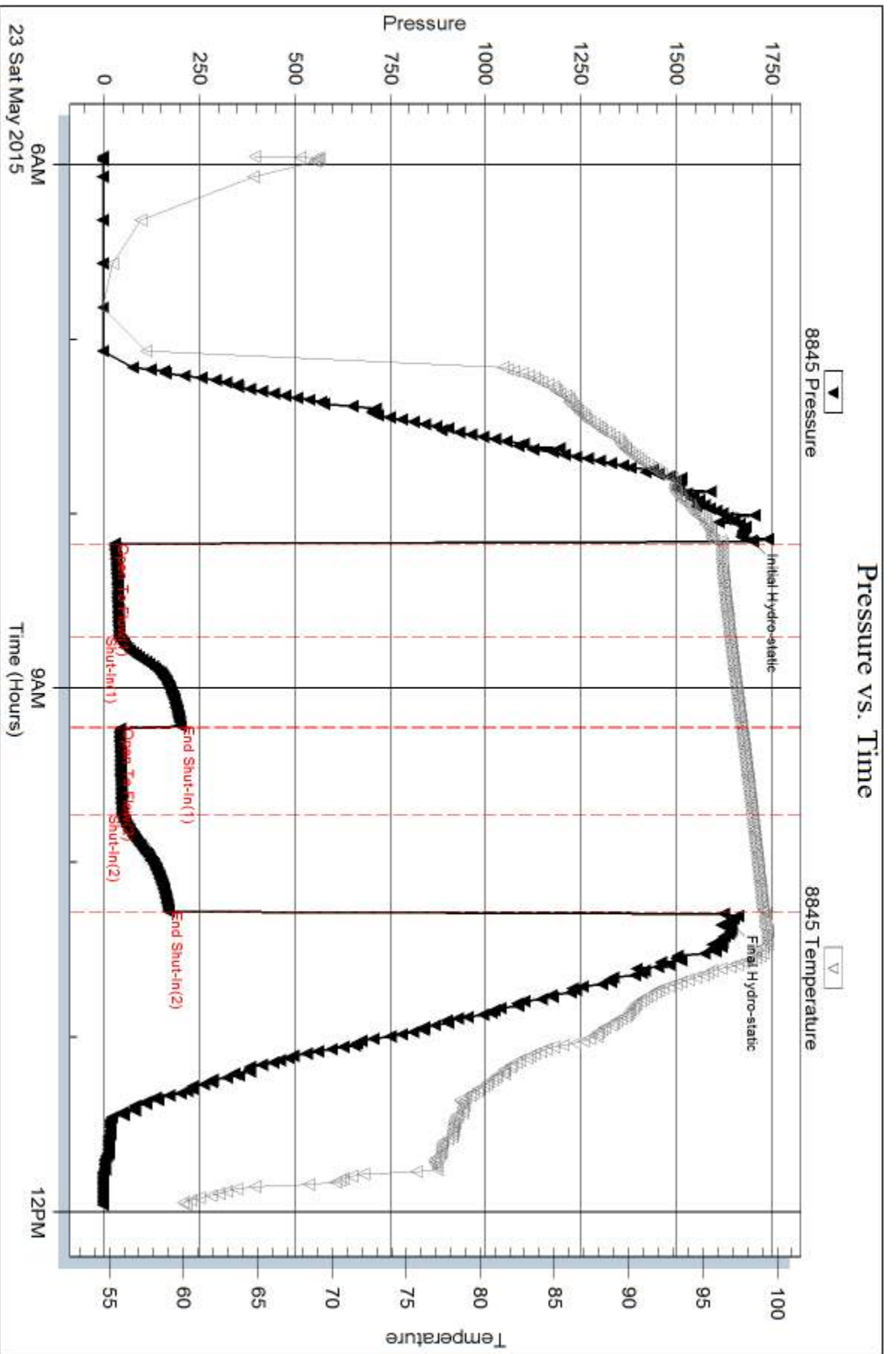
Total Length: 10.00 ft      Total Volume: 0.071 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 8845

Outside American Warrior Inc

Tomastech #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 53754

Printed: 2015.05.26 @ 09:20:12

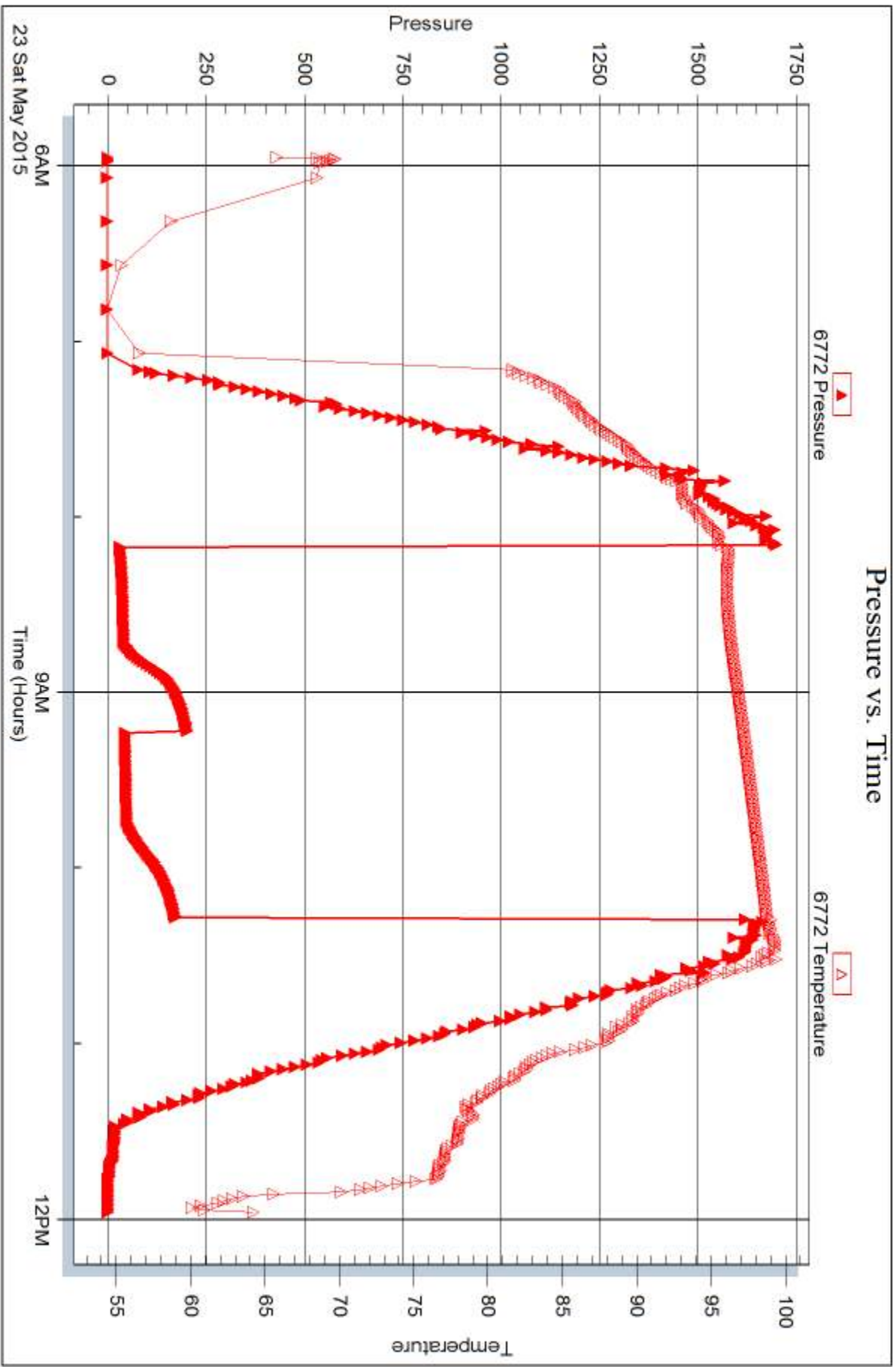
Serial #: 6772

Inside

American Warrior Inc

Tomastack #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 53754

Printed: 2015.05.26 @ 09:20:12



## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS. 67846

ATTN: Mark Downing

### **Tomasheck #1-10**

#### **10-10s-19w Rooks,KS**

Start Date: 2015.05.24 @ 08:28:00

End Date: 2015.05.24 @ 15:44:15

Job Ticket #: 53755                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.26 @ 09:19:19



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Mark Downing

**10-10s-19w Rooks,KS**  
**Tomasheck #1-10**  
Job Ticket: 53755 **DST#: 2**  
Test Start: 2015.05.24 @ 08:28:00

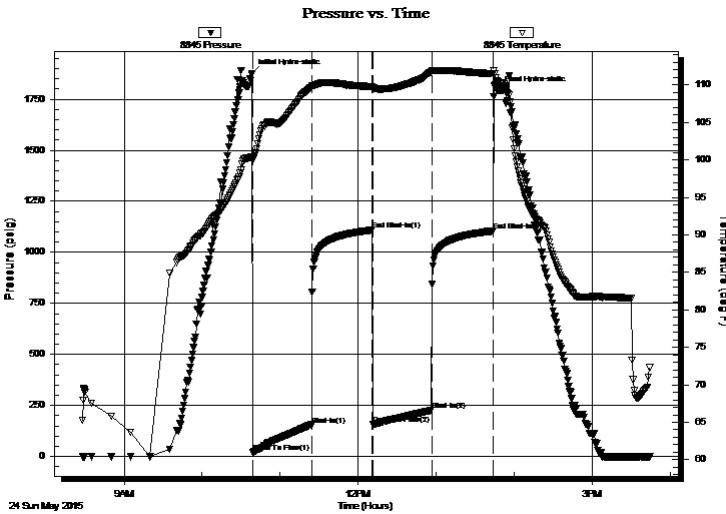
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:39:00  
Time Test Ended: 15:44:15  
Interval: **3725.00 ft (KB) To 3750.00 ft (KB) (TVD)**  
Total Depth: 3750.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Bob Hamel  
Unit No: 72  
Reference Elevations: 2202.00 ft (KB)  
2196.00 ft (CF)  
KB to GR/CF: 6.00 ft

**Serial #: 8845 Outside**  
Press@RunDepth: 225.71 psig @ 3728.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2015.05.24 End Date: 2015.05.24 Last Calib.: 2015.05.24  
Start Time: 08:28:05 End Time: 15:44:14 Time On Btm: 2015.05.24 @ 10:38:00  
Time Off Btm: 2015.05.24 @ 13:48:00

**TEST COMMENT:** I.F. - 45 - BOB in 26 min  
I.S.I. - 45 - No blow back  
F.F. - 45 - BOB in 30 min  
F.S.I. - 45 - No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.55	100.38	Initial Hydro-static
1	18.73	100.13	Open To Flow (1)
46	155.20	109.65	Shut-In(1)
93	1108.85	109.74	End Shut-In(1)
94	157.13	109.53	Open To Flow (2)
139	225.71	111.72	Shut-In(2)
186	1104.66	111.48	End Shut-In(2)
190	1794.32	110.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
504.00	S,O,C,M,W, 2%O 20%M 78%W	4.85
108.00	O,C,M,W, 10%O 40%M 50%W	1.51
5.00	CLEAN OIL "HEAVY"	0.07

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Mark Downing

**10-10s-19w Rooks,KS**  
**Tomasheck #1-10**  
Job Ticket: 53755      **DST#: 2**  
Test Start: 2015.05.24 @ 08:28:00

**Tool Information**

Drill Pipe:	Length: 3401.00 ft	Diameter: 3.80 inches	Volume: 47.71 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 320.00 ft	Diameter: 2.70 inches	Volume: 2.27 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	57000.00 lb
			<u>Total Volume: 49.98 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3725.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Change Over Sub	1.00			3706.00	
Shut In Tool	5.00			3711.00	
Hydraulic tool	5.00			3716.00	
Packer	5.00			3721.00	20.00      Bottom Of Top Packer
Packer	4.00			3725.00	
Stubb	1.00			3726.00	
Perforations	2.00			3728.00	
Recorder	0.00	6772	Inside	3728.00	
Recorder	0.00	8845	Outside	3728.00	
Perforations	19.00			3747.00	
Bullnose	3.00			3750.00	25.00      Bottom Packers & Anchor

**Total Tool Length: 45.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Mark Downing

**10-10s-19w Rooks,KS**  
**Tomasheck #1-10**  
Job Ticket: 53755      **DST#: 2**  
Test Start: 2015.05.24 @ 08:28:00

## 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:	40000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

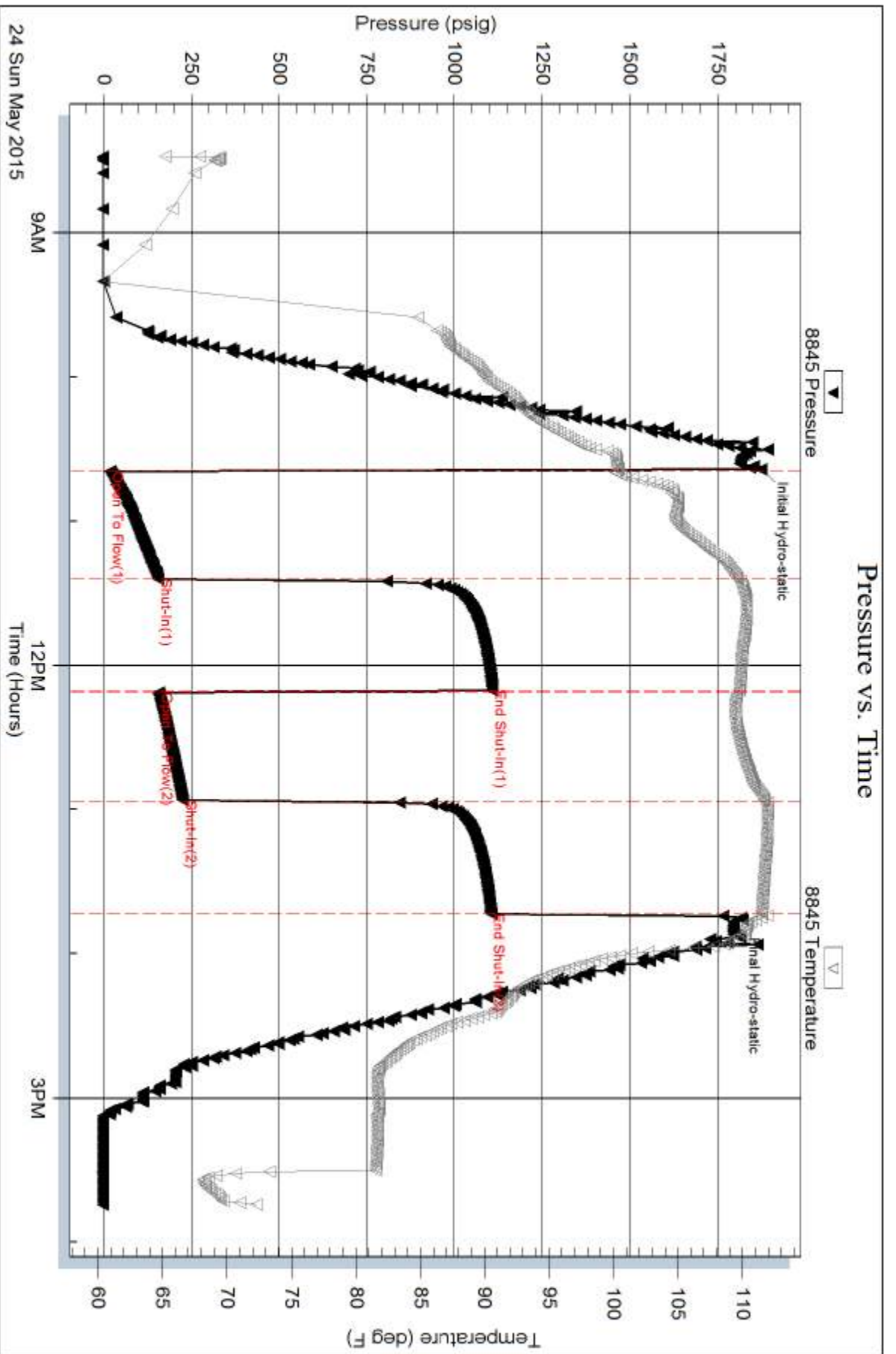
Length ft	Description	Volume bbl
504.00	S,O,C,M,W, 2%O 20%M 78%W	4.847
108.00	O,C,M,W, 10%O 40%M 50%W	1.515
5.00	CLEAN OIL "HEAVY"	0.070

Total Length: 617.00 ft      Total Volume: 6.432 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: R.W. = 0.21 @ 65.5 DEG  
OIL GRAVITY "HEAVY"



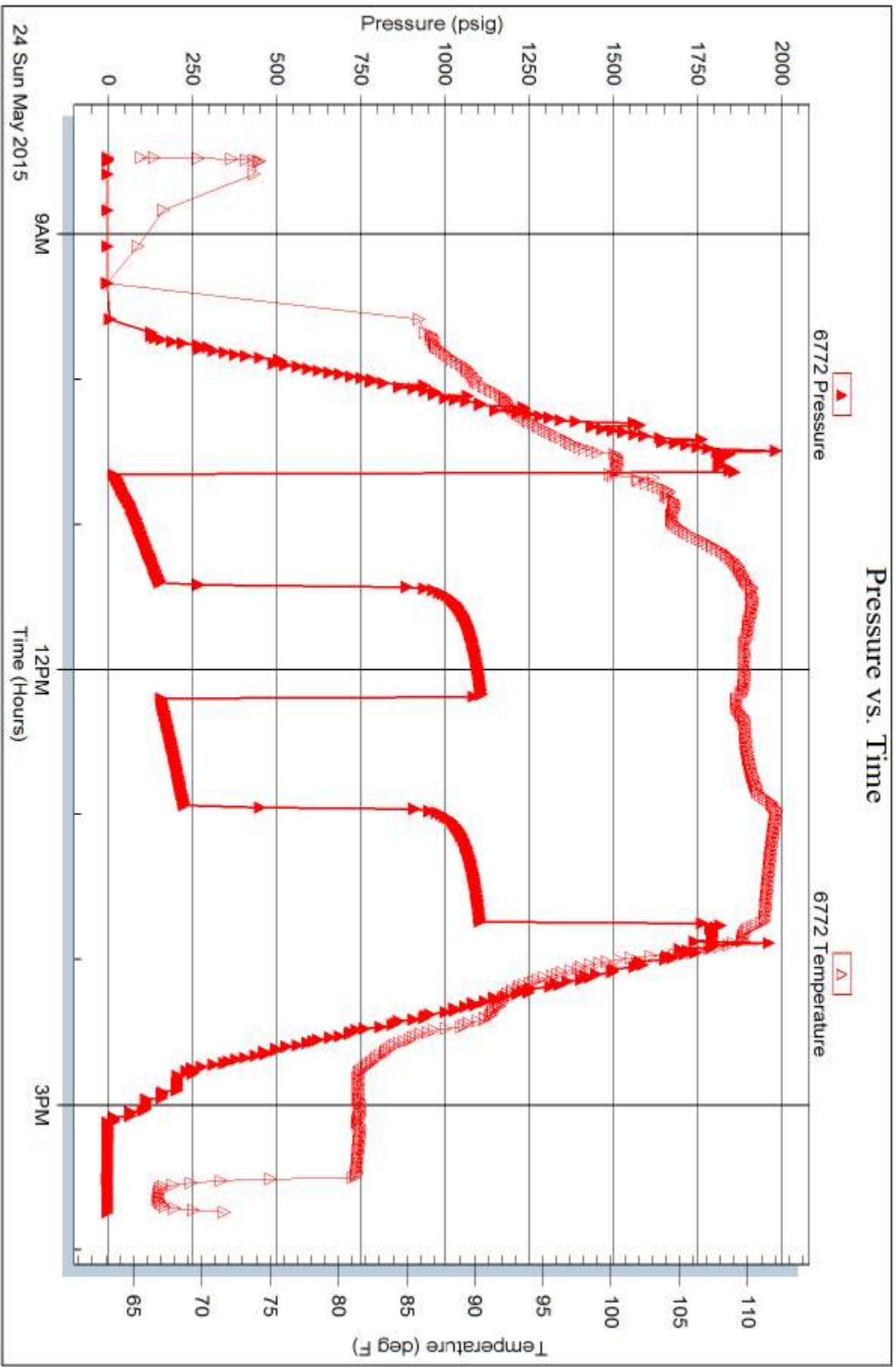
Serial #: 6772

Inside

American Warrior Inc

Tomastack #1-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 53755

Printed: 2015.05.26 @ 09:19:20



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 53754

4/10

Well Name & No. Tomasheck # 1-10 Test No. 1 Date 5-23-15  
 Company American Warrior Elevation 2202 KB 2196 GL  
 Address P.O. Box 399 Garden City KS. 67846  
 Co. Rep / Geo. Mack Downing Rig DISCO # 2  
 Location: Sec. 10 Twp. 10-S. Rge. 19-W. Co. Rooks. State KS

Interval Tested 3450-3495 Zone Tested han, C+D  
 Anchor Length 45' Drill Pipe Run 3124 Mud Wt. 8.8  
 Top Packer Depth 3445 Drill Collars Run 0 Vis 51  
 Bottom Packer Depth 3450 Wt. Pipe Run 310 WL 8  
 Total Depth 3495 Chlorides 2,500 ppm System LCM 2

Blow Description I.F.-30-1/4" INT. Blow Built to 1 3/4" in 30 min.  
I.S.I.-30-NO B.B.  
F.F.-30 W.S.B. Built to 1/2" in 30 min.  
F.S.I.-30-NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>Mud with few oil specs</u>				<u>100</u> %mud
Rec	Feet of				
Rec	Feet of <u>(Show of free oil in tool)</u>				
Rec	Feet of				

Rec Total 10 BHT 99.2 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 1,697  Test 1050 T-On Location 05:18:00  
 (B) First Initial Flow 28  Jars — T-Started 05:57:00  
 (C) First Final Flow 40  Safety Joint — T-Open 08:14:00  
 (D) Initial Shut-In 201  Circ Sub — T-Pulled 10:14:00  
 (E) Second Initial Flow 43  Hourly Standby — T-Out 11:57:45  
 (F) Second Final Flow 47  Mileage 62 R.T. 62 Comments (Thank-you)  
 (G) Final Shut-In 170  Sampler —  
 (H) Final Hydrostatic 1,643  Straddle —  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Initial Open 30  Extra Packer —  
 Initial Shut-In 30  Extra Recorder — Sub Total 0  
 Final Flow 30  Day Standby — Total 1112  
 Final Shut-In 30  Accessibility — MP/DST Disc't —  
 Sub Total 1112

Approved By \_\_\_\_\_ Our Representative Paul Thomas  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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. 53755

4/10

Well Name & No. Tomasheck #1-10 Test No. 2 Date 5-24-15  
 Company American warrior Elevation 2202 KB 2196 GL  
 Address P.O. Box 399 Garden City KS-67846  
 Co. Rep / Geo. Mark Downing Rig Disco #2  
 Location: Sec. 10 Twp. 10-S Rge. 19-W Co. Rawls State KS.

Interval Tested 3725-3750 Zone Tested Arb.  
 Anchor Length 25 Drill Pipe Run 3401 Mud Wt. 9.4  
 Top Packer Depth 3720 Drill Collars Run — Vis 47  
 Bottom Packer Depth 3725 Wt. Pipe Run 320 WL 8  
 Total Depth 3750 Chlorides 4,500 ppm System LCM 2 1/2  
 Blow Description I.F. - 45" 1/4" INT. Blow Built to B.U.B. in 26 min.  
I.S.I - 45" NO B.B.  
F.F. - 45" 1/4" INT. Blow Built to B.U.B. in 30 min.  
F.S.I - 45" NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>C/O</u>	%gas	<u>100</u> %oil	%water	%mud
Rec <u>108</u>	Feet of <u>O, C, M, W</u>	%gas <u>10</u>	%oil <u>50</u>	%water <u>40</u>	%mud
Rec <u>504</u>	Feet of <u>S, O, C, M, W</u>	%gas <u>2</u>	%oil <u>78</u>	%water <u>20</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 617 BHT 110 Gravity Heavy API RW 0.21 @ 65.5° F Chlorides 40,000 ppm  
 (A) Initial Hydrostatic 1,874  Test 1050 T-On Location 08:14:00  
 (B) First Initial Flow 19  Jars T-Started 08:28:00  
 (C) First Final Flow 155  Safety Joint T-Open 10:43:00  
 (D) Initial Shut-In 1,109  Circ Sub T-Pulled 13:43:00  
 (E) Second Initial Flow 157  Hourly Standby T-Out 15:44:15  
 (F) Second Final Flow 226  Mileage 62 R.T. 62 Comments  
 (G) Final Shut-In 1,105  Sampler (thank-you)  
 (H) Final Hydrostatic 1,794  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Initial Open 45  Extra Recorder  
 Initial Shut-In 45  Extra Recorder Sub Total 0  
 Final Flow 45  Day Standby Total 1112  
 Final Shut-In 45  Accessibility MP/DST Disc't  
 Sub Total 1112

Approved By \_\_\_\_\_ Our Representative Paul Downing  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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.

Marc A. Downing Consulting Petroleum Geologist		Geologic Report Drilling Time and Sample Log	
Operator American Warrior, Inc.		Elevation KB 2205 DF 2203 GL 2197	
Lease Tomascheck No. 1-10		Casing Record Surface 8 5/8" @ 219' Production None	
API # 15-163-24291-0000		Electrical Surveys CNL/CDL, DIL, MEL	
Field Wildcat		None	
Location 2084' FSL & 432' FWL		Production	
Sec. 10	Twp. 10s	Rge. 19s	
County Rooks		State Kansas	
Formation	Sample tops	Log Tops	Datum Struct Comp
Top Anhydrite	1575	1574	+631 -13
Base Anhydrite	1610	1604	+601 NA
Topoka	3178	3174	-969 NA
Heebner	3389	3386	-1181 -14
Toronto	3411	3409	-1204 -17
LKC	3427	3425	-1220 -13
BKC	3650	3649	-1444 NA
Arbuckle	3736	3734	-1529 -17
Total Depth	3830	3828	-1623
Reference Well For Structural Comparison Harbar Drilling Baldwin #2 SW NE SE Sec. 9-10s-19w			

Drilling Contractor	Discovery Drilling, Rig #2	
Commenced	5-19-15	Completed 5-25-15
Samples Saved From	3150	To RTD
Drilling Time Kept From	3050	To RTD
Samples Examined From	3150	To RTD
Geological Supervision From	3050	To RTD

**Summary and Recommendations**  
Due to structural position, DST recovery, and log evaluation, it was decided to plug and abandon the well.

Respectfully Submitted,  
Marc A. Downing

