



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1163125
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: _____



1163125

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ 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: <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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.
Volkland #3-32
982' FNL & 945' FWL
Section 32-18s-9w
Rice County, KS
Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Company (Rig #8)
Commenced: July 12, 2013
Completed: July 18, 2013
Elevation: 1727' K.B; 1727' D.F; 1719' G.L.
Casing program: Surface; 8 5/8" @ 342'
Production 5 1/2" @ 3400'
Sample: Samples saved and examined 2500' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2500 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were three (3) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer; Dual Induction, Dual Compensated Porosity Log and Micro.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	400	+1324
Base Anhydrite	416	+1311
Heebner	2765	-1038
Toronto	2788	-1061
Douglas	2800	-1073
Douglas Sand	2806	-1079
Brown Lime	2892	-1165
Lansing	2920	-1193
Base Kansas City	3183	-1459
Marmaton	3211	-1484
Arbuckle	3249	-1522
Rotary Total Depth	3400	-1673
Log Total Depth	3401	-1674

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA THROUGH DOUGLAS SAND SECTION

2500-2839' There were several zones of well-developed porosity encountered in the drilling of the Topeka, Toronto, Douglas Section but no shows of oil and/or gas was noted (see attached Geologist/Sample Log).

LANSING SECTION

- 2920-2927' Limestone; cream, tan, finely crystalline, oolitic, poor visible porosity, no shows.
- 2939-2946' Limestone; cream, light gray, finely crystalline, oolitic, fossiliferous, poor visible porosity, dense.
- 2992-3000' Limestone; white, cream, finely oolitic, fossiliferous, poor scattered porosity, no shows.
- 3010-3024' Limestone; white, cream, finely crystalline, oolitic, oomoldic, chalky, trace black stain, no free oil and no odor in fresh samples.
- 3055-3075' Limestone; cream, tan, buff, oolitic, dense, poor porosity.
- 3080-3090' Limestone; white, oolitic, chalky, poor visible porosity, trace brown stain, no free oil and no odor in fresh samples.
- 3104-3116' Limestone; cream, white, gray, finely crystalline, oolitic, poor oomoldic porosity, slight chalky, trace black stain, no free oil and no odor.
- 3160-3170' Limestone; cream, gray, finely crystalline, few oolitic, sub oomoldic, poorly developed porosity, no shows.

MARMATON SECTION

- 3218-3244' Limestone; cream, white, chalky, oolitic, plus peach/tan chert.

ARBUCKLE SECTION

- 3248-3251' Dolomite; cream, tan, fine and medium crystalline, poor intercrystalline porosity, trace brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 3195-3250' (Log measurements 3196-3251')

Times: 30-30-30-30

Blow: Weak

**Recovery: 1' oil
29' mud**

**Pressures: ISIP 446 psi
FSIP 449 psi
IFP 36-40 psi
FFP 39-40 psi
HSH 1637-1539 psi**

- 3251-3255' Dolomite; tan, buff, fine and medium crystalline, poor to fair porosity, golden brown stain, show of free oil and faint odor.

Drill Stem Test #2 3194-3254' (Log measurements 3195-3255')

Times: 30-30-30-30
Blow: Weak
Recovery: 1' oil
 24' slightly oil cut mud
 (1% oil, 99% mud)
Pressures: ISIP 896 psi
 FSIP 828 psi
 IFP 36-39 psi
 FFP 40-45 psi
 HSH 1647-1579 psi

3255-3264' Dolomite; as above, sucrosic, fair pinpoint intercrystalline porosity, brown stain, show of free oil and faint/fair odor.

Drill Stem Test #3 3248-3263' (Log measurements 3249-3264')

Times: 30-45-45-45
Blow: Strong
Recovery: 744' oil
 120' oil cut mud
 (20% oil, 80% mud)
Pressures: ISIP 649 psi
 FSIP 523 psi
 IFP 68-184 psi
 FFP 197-280 psi
 HSH 1615-1604 psi

3264-3290' Dolomite; tan, cream, medium crystalline, sucrosic, fair porosity, plus white and tan chert.

3300-3320' Dolomite; white/cream, fine and medium crystalline, poor to fair intercrystalline porosity and fine vuggy type porosity, brown stain, trace of free oil and faint odor, plus white/cream, chert.

3320-3340' Dolomite; cream, white, tan, fine and medium crystalline, sucrosic, scattered porosity, plus chert, as above.

3340-3350' Dolomite; cream, tan, finely crystalline, poor porosity, dense.

3350-3401' Dolomite; white/cream, fine and medium crystalline, poor to fair intercrystalline and oomoldic type porosity, trace questionable stain, no free oil and no odor in fresh samples.

Rotary Total Depth 3400 (-1673)
Log Total Depth 3401 (-1674)

American Warrior Inc.
Volkland #3-32
982' FNL & 945' FWL
Section 32-18s-9w
Rice County, KS
Page 4

Recommendations:
5 1/2" production casing was set and cemented.

Respectfully submitted;

Kurt Talbott,
Petroleum Geologist



CHARGE TO:
American Warrior, Inc.

ADDRESS

CITY, STATE, ZIP CODE

TICKET
N^o 24977

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays, KS</i>	WELL/PROJECT NO. <i>3-32</i>	LEASE <i>Volkland</i>	COUNTY/PARISH <i>Rice</i>	STATE <i>KS</i>	CITY	DATE <i>7-18-13</i>	OWNER
2. <i>Ness City, KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Duke</i>	RIG NAME/NO. <i>#8</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>N/Chase, KS</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>infield</i>	JOB PURPOSE <i>Cement Longstring</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110	80		mi		600	480.00
578		1			Pump Charge - cement Longstring	1		ea	3999.00	1500.00	1500.00
221		1			Liquid HCL	2		gal		25.00	50.00
281		1			Mud Flush	500		gal		1.25	625.00
290		1			D-Air	2		gal		42.00	84.00
402		1			Centralizers	1		ea	5 1/2 in	70.00	420.00
403		1			Cement Basket	1		ea	5 1/2 in	285.00	285.00
406		1			Latch Down Plug & Bottle	1		ea	5 1/2 in	275.00	275.00
407		1			Insert Float Shoe w/ Auto Fill	1		ea	5 1/2 in	375.00	375.00

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 *[Signature]*

DATE SIGNED *7-18-13* TIME SIGNED *1900*

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		AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P1 PAGE TOTAL	4094.00
WE UNDERSTOOD AND MET YOUR NEEDS?				P2	5071.64
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	9165.64
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Rice TAX 7.15%	436.36
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	9602.00
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 24977

CUSTOMER American Warrior, Inc WELL 3-32 Volkland DATE 7-18-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		2				Structural Cement EA-2	175	SKS	16450	lbs	14.00	2450.00
276		2				Floccle	44	lbs			2.00	88.00
283		2				Salt	875	lbs			.20	175.00
284		2				Calgral	823	lbs	9	SKS	35.00	315.00
292		2				Hobad 322	124	lbs			7.75	961.00
581		2				SERVICE CHARGE Cement					2.00	350.00
583		2				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		1.00	732.64
							18316	80	732.64			

CONTINUATION TOTAL 5071.64

JOB LOG

SWIFT Services, Inc.

DATE 7-18-13 PAGE NO. 1

CUSTOMER American Warrior, Inc. WELL NO. 3-32 LEASE Volkland JOB TYPE Cement Longstring TICKET NO. 24977

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1845							TD - 3400
	1900					14 #/ft.	5 1/2"	On location - F. Equip
	2000							Rig Fin LDDC - Change over
								Shot 5 1/2" 14 #/ft casing to 3399
								Insert Shot Shoe w/ Auto-fill
								L.D. Battle - Shoe Jt. 31' @ 3368'
								Cont - 1-3-5-7-9-11 Bstt. #4 Pin end
								Drop ball - 5 Jts end
	2110							Fin run casing
	2115							Start cir - Dasco -
								Fin cir
			4/4					Plug RH-30 SKS ULH 20 SKS
		5	12			250		Pump 500 gal Mud flush
		6	20	32		250		Pump 20 881 KLL flush
		4 1/2				200		Start 125 SKS EH-2
		3 1/2	32			Use		Fin cont.
								Wash out Pump Lines
		8/6				300		Start Disp
		5	65			700		Caught left press slow rate slowly
	2245					700		Plug Down - Hold - Release & Hold
	2300					150		Job Complete
								Wash up & Packup
	2330							
								Watts Tom, Son of Rob



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kurt Talbott

Volkland #3-32

32-18s-9w Rice,KS

Start Date: 2013.07.16 @ 18:21:33

End Date: 2013.07.16 @ 23:55:18

Job Ticket #: 50999 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.07.18 @ 10:54:26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kurt Talbott

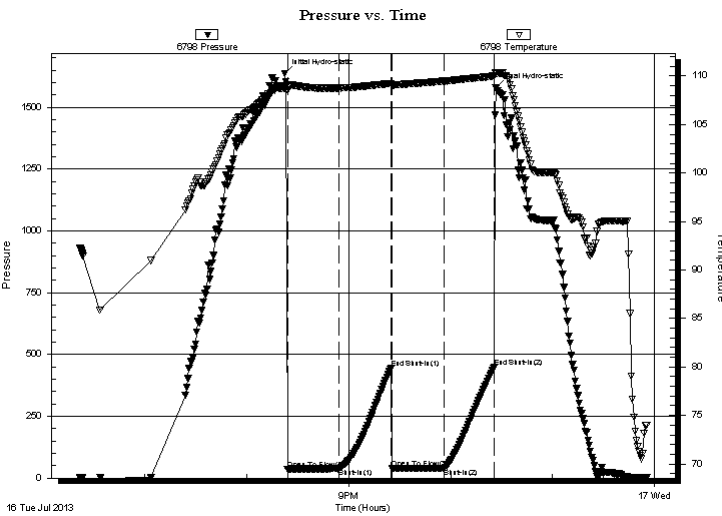
32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 50999 **DST#: 1**
Test Start: 2013.07.16 @ 18:21:33

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:23:48
Time Test Ended: 23:55:18
Interval: **3195.00 ft (KB) To 3250.00 ft (KB) (TVD)**
Total Depth: 3250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 45
Reference Elevations: 1727.00 ft (KB)
1719.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6798 Inside
Press @ Run Depth: 40.17 psig @ 3196.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.16 End Date: 2013.07.16 Last Calib.: 2013.07.17
Start Time: 18:21:34 End Time: 23:55:18 Time On Btm: 2013.07.16 @ 20:22:18
Time Off Btm: 2013.07.16 @ 22:26:33

TEST COMMENT: IF: Weak 1/2 inch Blow, Dead @ 25 minutes
IS: No Blow Back
FF: No Blow
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.43	108.77	Initial Hydro-static
2	36.36	108.52	Open To Flow (1)
32	39.97	108.77	Shut-In(1)
63	445.99	109.22	End Shut-In(1)
64	38.90	109.08	Open To Flow (2)
94	40.17	109.48	Shut-In(2)
124	448.90	109.99	End Shut-In(2)
125	1578.69	110.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
29.00	Mud	0.41
1.00	Oil	0.01

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: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 50999 **DST#: 1**
Test Start: 2013.07.16 @ 18:21:33

Tool Information

Drill Pipe:	Length: 3189.00 ft	Diameter: 3.80 inches	Volume: 44.73 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.73 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3195.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	20.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Stubb	1.00			3196.00	
Recorder	0.00	6798	Inside	3196.00	
Recorder	0.00	8367	Outside	3196.00	
Perforations	2.00			3198.00	
Change Over Sub	1.00			3199.00	
Drill Pipe	32.00			3231.00	
Change Over Sub	1.00			3232.00	
Perforations	15.00			3247.00	
Bullnose	3.00			3250.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 50999 **DST#: 1**
Test Start: 2013.07.16 @ 18:21:33

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:	55.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	9.18 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6400.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
29.00	Mud	0.407
1.00	Oil	0.014

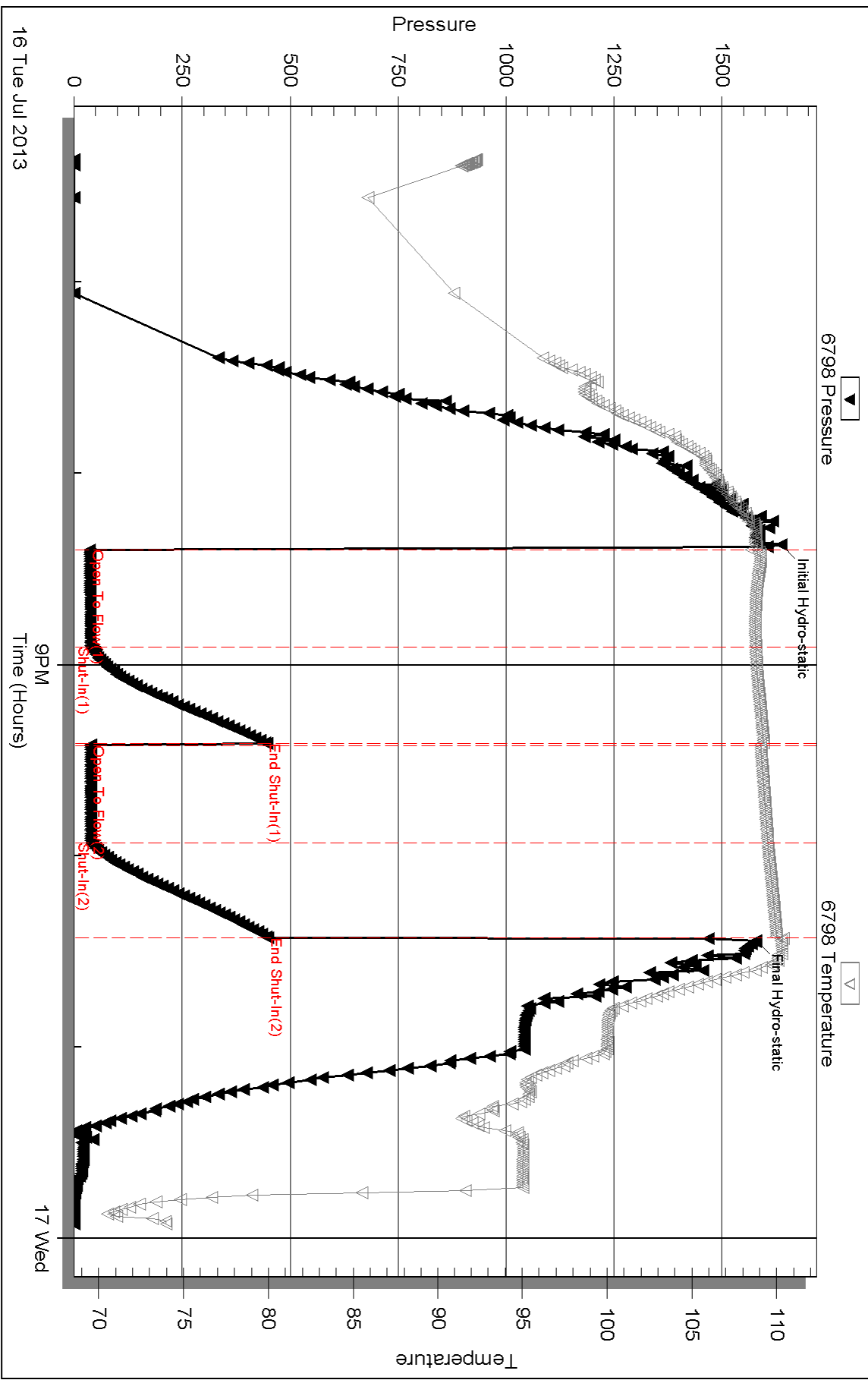
Total Length: 30.00 ft Total Volume: 0.421 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

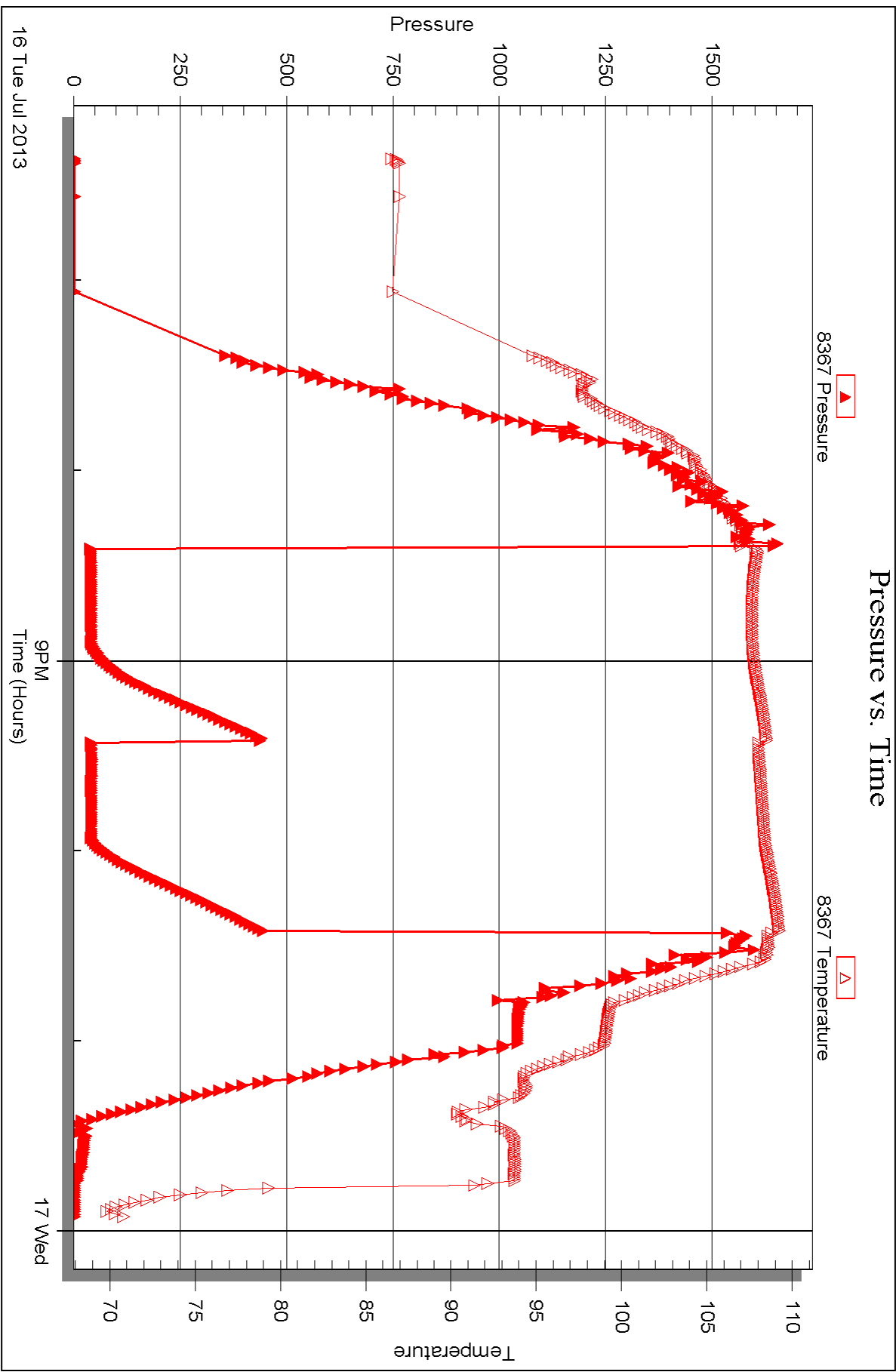


Serial #: 8367

Outside American Warrior Inc

Volkland #3-32

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kurt Talbott

Volkland #3-32

32-18s-9w Rice,KS

Start Date: 2013.07.17 @ 05:28:59

End Date: 2013.07.17 @ 10:10:29

Job Ticket #: 51000 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.07.18 @ 10:53:49



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 51000 **DST#: 2**
Test Start: 2013.07.17 @ 05:28:59

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:49:44
Time Test Ended: 10:10:29
Interval: **3194.00 ft (KB) To 3254.00 ft (KB) (TVD)**
Total Depth: 3254.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 45
Reference Elevations: 1727.00 ft (KB)
1719.00 ft (CF)
KB to GR/CF: 8.00 ft

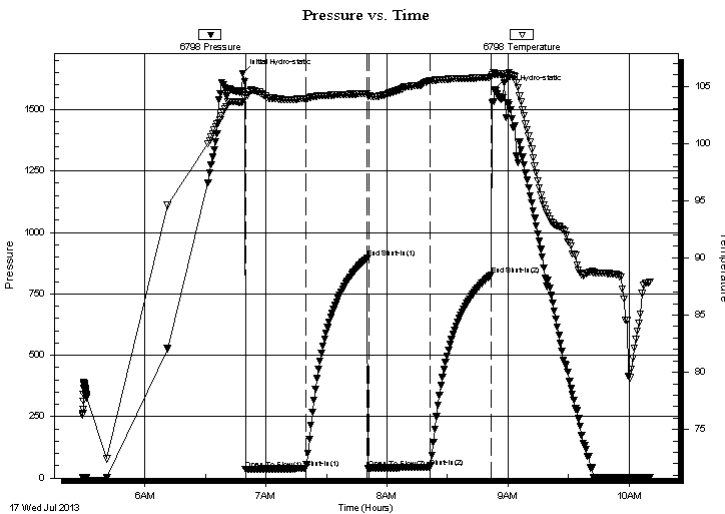
Serial #: 6798

Inside

Press @ Run Depth: 44.85 psig @ 3195.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.17 End Date: 2013.07.17 Last Calib.: 2013.07.17
Start Time: 05:29:00 End Time: 10:10:29 Time On Btm: 2013.07.17 @ 06:48:29
Time Off Btm: 2013.07.17 @ 08:53:14

TEST COMMENT: IF: Weak 1/4 inch Blow , Dead @ 25 minutes
IS: No Blow Back
FF: No Blow
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1647.35	103.62	Initial Hydro-static
2	35.76	104.15	Open To Flow (1)
31	38.75	103.91	Shut-In(1)
62	895.85	104.37	End Shut-In(1)
63	40.43	104.16	Open To Flow (2)
93	44.85	105.48	Shut-In(2)
124	827.99	105.79	End Shut-In(2)
125	1579.35	106.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
24.00	OCM 2%O 98%M	0.34
1.00	Oil	0.01

* 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: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 51000 **DST#: 2**
Test Start: 2013.07.17 @ 05:28:59

Tool Information

Drill Pipe:	Length: 3188.00 ft	Diameter: 3.80 inches	Volume: 44.72 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.72 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3194.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	80.00 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			3179.00	
Hydraulic tool	5.00			3184.00	
Packer	5.00			3189.00	20.00 Bottom Of Top Packer
Packer	5.00			3194.00	
Stubb	1.00			3195.00	
Recorder	0.00	6798	Inside	3195.00	
Recorder	0.00	8367	Outside	3195.00	
Perforations	2.00			3197.00	
Change Over Sub	1.00			3198.00	
Drill Pipe	32.00			3230.00	
Change Over Sub	2.00			3232.00	
Perforations	19.00			3251.00	
Bullnose	3.00			3254.00	60.00 Bottom Packers & Anchor

Total Tool Length: 80.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kurt Talbott

32-18s-9w Rice,KS
Volkland #3-32
Job Ticket: 51000 **DST#: 2**
Test Start: 2013.07.17 @ 05:28:59

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: 0.02 inches			

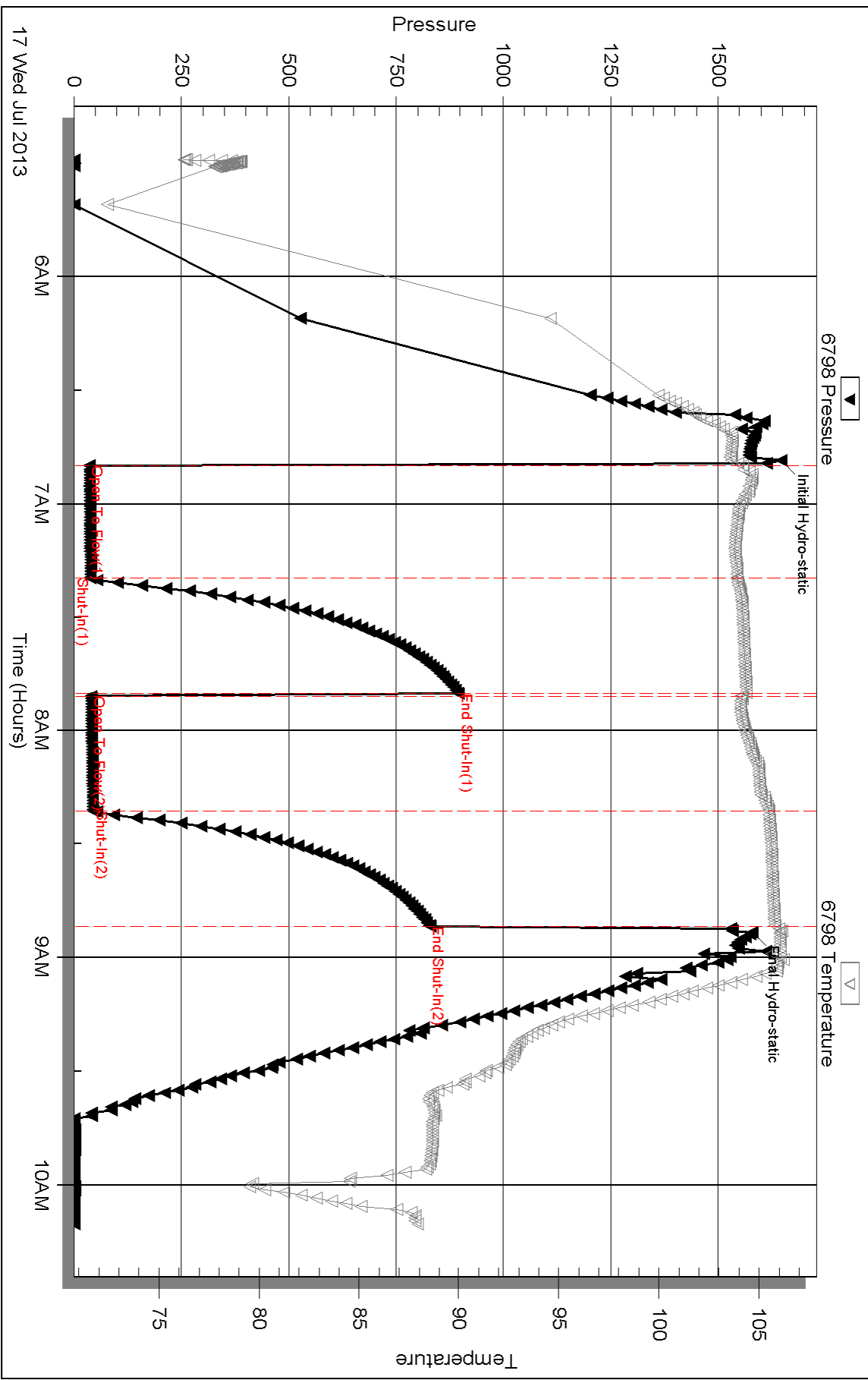
Recovery Information

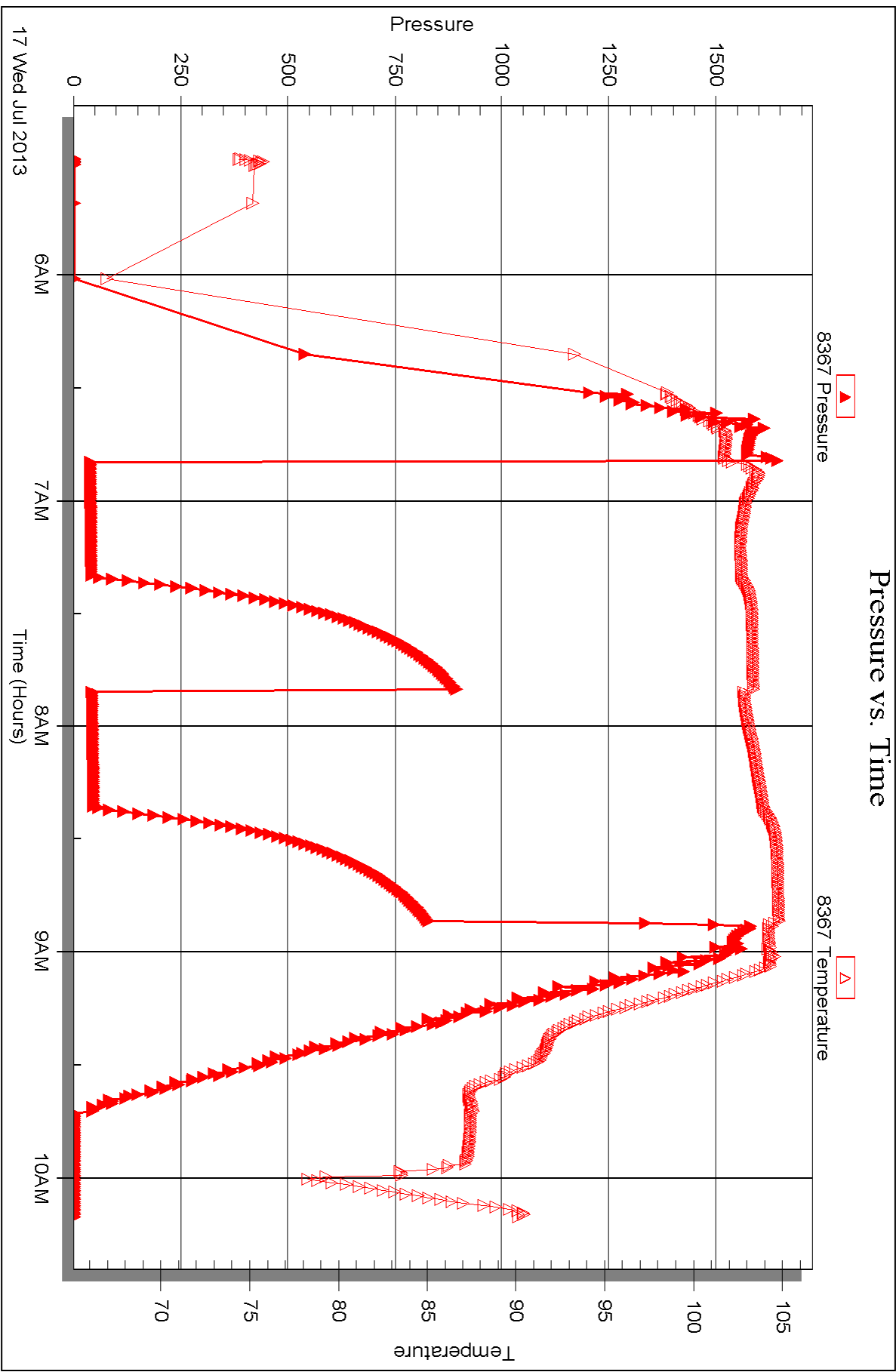
Recovery Table

Length ft	Description	Volume bbl
24.00	OCM 2%O 98%M	0.337
1.00	Oil	0.014

Total Length: 25.00 ft Total Volume: 0.351 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kurt Talbott

Volkland #3-32

32-18s-9w Rice,KS

Start Date: 2013.07.17 @ 15:46:09

End Date: 2013.07.17 @ 22:03:39

Job Ticket #: 52376 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.07.18 @ 10:53:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
 Job Ticket: 52376 **DST#: 3**
 Test Start: 2013.07.17 @ 15:46:09

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 17:01:54
 Tester: Leal Cason
 Time Test Ended: 22:03:39
 Unit No: 45
 Interval: **3248.00 ft (KB) To 3263.00 ft (KB) (TVD)**
 Reference Elevations: 1727.00 ft (KB)
 Total Depth: 3263.00 ft (KB) (TVD)
 1719.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 8.00 ft

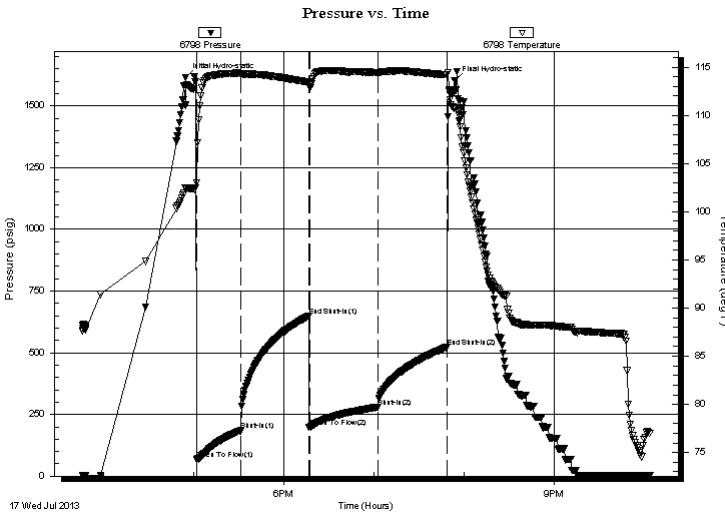
Serial #: 6798

Inside

Press @ Run Depth: 280.35 psig @ 3249.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.17 End Date: 2013.07.17 Last Calib.: 2013.07.17
 Start Time: 15:46:10 End Time: 22:03:39 Time On Btm: 2013.07.17 @ 16:54:39
 Time Off Btm: 2013.07.17 @ 19:53:39

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
 IS: No Blow Back
 FF: Weak 5 inch Blow , Died Off to 1/2 inch By 45 minutes
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.42	102.50	Initial Hydro-static
8	68.00	103.01	Open To Flow (1)
37	184.19	114.35	Shut-In(1)
82	649.24	113.45	End Shut-In(1)
83	196.86	113.02	Open To Flow (2)
128	280.35	114.42	Shut-In(2)
174	523.16	114.20	End Shut-In(2)
179	1604.18	110.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OCM 20%O 80%M	1.74
744.00	Oil	10.44

* 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: Kurt Talbott

32-18s-9w Rice, KS
Volkland #3-32
Job Ticket: 52376 **DST#: 3**
Test Start: 2013.07.17 @ 15:46:09

Tool Information

Drill Pipe:	Length: 3251.00 ft	Diameter: 3.80 inches	Volume: 45.60 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 45.60 bbl	Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3248.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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			3233.00	
Hydraulic tool	5.00			3238.00	
Packer	5.00			3243.00	20.00 Bottom Of Top Packer
Packer	5.00			3248.00	
Stubb	1.00			3249.00	
Recorder	0.00	6798	Inside	3249.00	
Recorder	0.00	8367	Outside	3249.00	
Perforations	11.00			3260.00	
Bullnose	3.00			3263.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kurt Talbott

32-18s-9w Rice,KS
Volkland #3-32
Job Ticket: 52376 **DST#: 3**
Test Start: 2013.07.17 @ 15:46:09

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 40.2 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7100.00 ppm		
Filter Cake: 0.02 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	OCM 20%O 80%M	1.739
744.00	Oil	10.436

Total Length: 868.00 ft Total Volume: 12.175 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity w as 42 @ 78 degrees

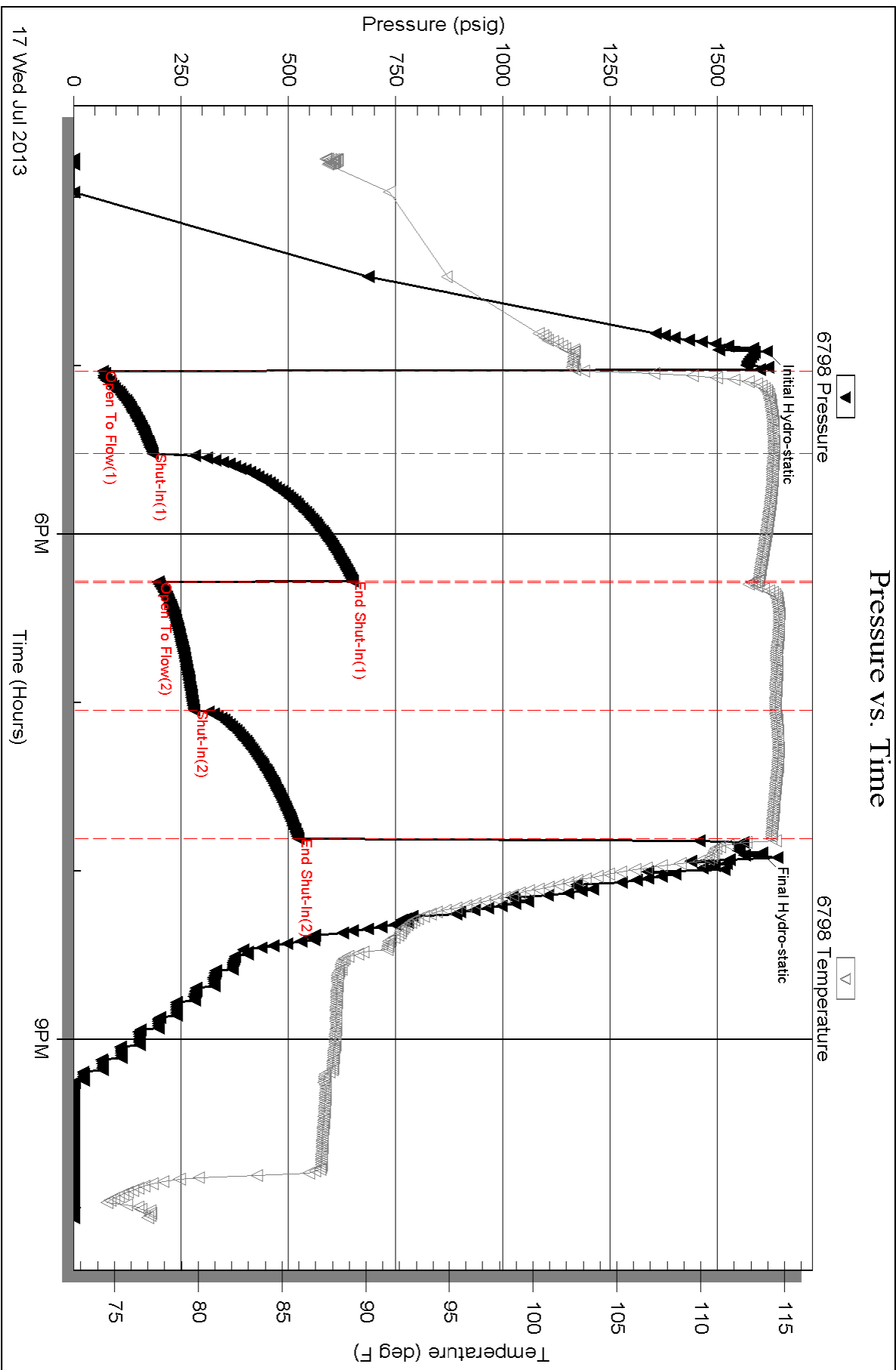
Serial #: 6798

Inside

American Warrior Inc

Volkland #3-32

DST Test Number: 3

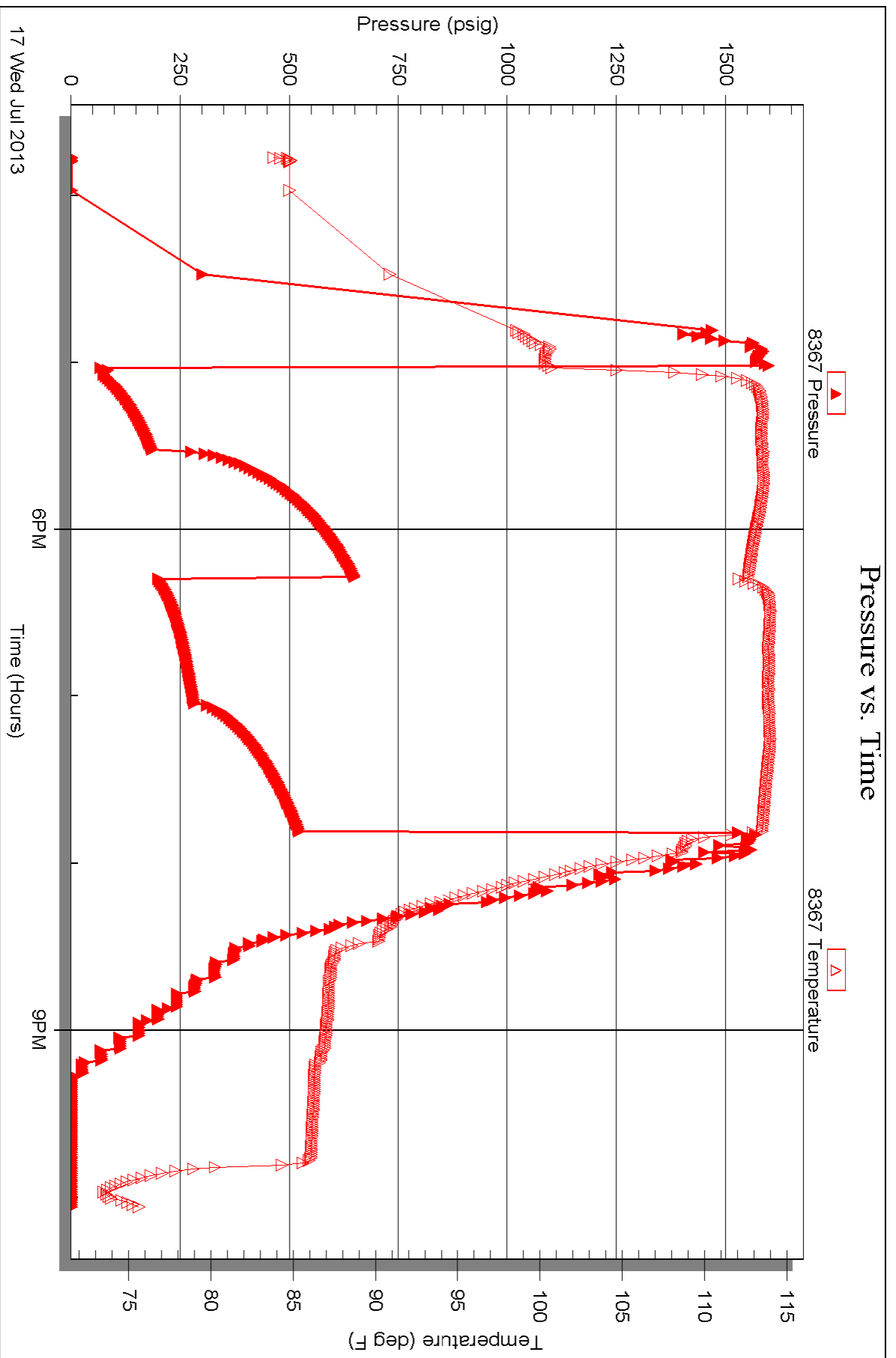


Serial #: 8367

Outside American Warrior Inc

Volkland #3-32

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50999

4/10

Well Name & No. Volklund 3-32 Test No. 1 Date 07/16/13
 Company American Warrior INC Elevation 1727 ~~1727~~ KB 1719 GL
 Address PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kurt Talbott Rig Duke 8
 Location: Sec. 32 Twp. 18S Rge. 9W Co. Rice State KS

Interval Tested 3195 - 3250 Zone Tested Arbuckle
 Anchor Length 55 Drill Pipe Run 3189 Mud Wt. 9.4
 Top Packer Depth 3190 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3195 Wt. Pipe Run 0 WL 9.2
 Total Depth 3250 Chlorides 6400 ppm System LCM

Blow Description IF: weak 1/2 inch Blow, Dead @ 25 minutes
ISI: NO Blow Back
FK: NO Blow
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>oil</u>				
<u>29</u>	<u>Mud</u>				

Rec Total 30 BHT 110 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic <u>1637</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>17:15</u>
(B) First Initial Flow <u>36</u>	<input type="checkbox"/> Jars	T-Started <u>18:21</u>
(C) First Final Flow <u>40</u>	<input type="checkbox"/> Safety Joint	T-Open <u>20:23</u>
(D) Initial Shut-In <u>446</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:25</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:55</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>150</u> 232.50	Comments
(G) Final Shut-In <u>449</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1579</u>	<input type="checkbox"/> Straddle	

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1382.50
 MP/DST Disc't

Sub Total 1382.50
 Approved By Kurt Talbott Our Representative [Signature]

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. 51000

4/10

Well Name & No. Volklund 3-32 Test No. 2 Date 07/17/13
 Company American warrior inc Elevation 1727 KB 1719 GL
 Address PO BOX 399 Garden city, KS 67846
 Co. Rep / Geo. Kurt Talbott Rig Duke 8
 Location: Sec. 32 Twp. 18S Rge. 9W Co. Rice State KS

Interval Tested 3194 - 3254 Zone Tested Arbuckle
 Anchor Length 60 Drill Pipe Run 3188 Mud Wt. 9.4
 Top Packer Depth 3189 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3194 Wt. Pipe Run 0 WL 9.2
 Total Depth 3254 Chlorides 6400 ppm System LCM

Blow Description IF: Weak 1/4 inch Blow, Dead @ 25 minutes

TSI: NO Blow Back

FF: NO Blow

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Oil</u>				
<u>24</u>	<u>OCM</u>		<u>1</u>		<u>99</u>

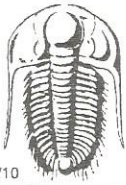
Rec Total 25 BHT 106 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic 1647 Test 1150 T-On Location 05:00
 (B) First Initial Flow 36 Jars _____ T-Started 05:28
 (C) First Final Flow 39 Safety Joint _____ T-Open 06:49
 (D) Initial Shut-In 896 Circ Sub _____ T-Pulled 08:51
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 10:10
 (F) Second Final Flow 45 Mileage 150 232.50 Comments _____
 (G) Final Shut-In 828 Sampler _____
 (H) Final Hydrostatic 1579 Straddle _____
 Ruined Shale Packer _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1382.50 Total 1382.50 MP/DST Disc't _____

Approved By Kurt Talbott Our Representative [Signature]

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. 52376

Well Name & No. Volkland 3-32 Test No. 3 Date 07/17/13
 Company American Warrior inc Elevation 1727 KB 1719 GL
 Address Po Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kurt Talbott Rig Duke 8
 Location: Sec. 32 Twp. 18S Rge. 9W Co. Rice State KS

Interval Tested 3248 - 3263 Zone Tested Arbuckle
 Anchor Length 15 Drill Pipe Run 3251 Mud Wt. 9.4
 Top Packer Depth 3243 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3248 Wt. Pipe Run 0 WL 10.0
 Total Depth 3263 Chlorides 7100 ppm System LCM

Blow Description IF: Strong Blow, BOB in 3 minutes
ISI: NO Blow Back
FF: weak 5 inch Blow, died off to 1/2 inch by 45 minutes
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>744</u>	<u>oil</u>				
<u>124</u>	<u>OCM</u>		<u>20</u>		<u>80</u>

Rec Total 868 BHT 110 Gravity 40.2 API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic <u>1615</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>15:00</u>
(B) First Initial Flow <u>68</u>	<input type="checkbox"/> Jars	T-Started <u>15:46</u>
(C) First Final Flow <u>184</u>	<input type="checkbox"/> Safety Joint	T-Open <u>17:01</u>
(D) Initial Shut-In <u>649</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:48</u>
(E) Second Initial Flow <u>197</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>22:03</u>
(F) Second Final Flow <u>280</u>	<input checked="" type="checkbox"/> Mileage <u>150</u> 232.50	Comments
(G) Final Shut-In <u>523</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1604</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1382.50</u>

Sub Total 1382.50
 Approved By Kurt Talbott Our Representative [Signature]

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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 15, 2013

Kevin Wiles SR
American Warrior, Inc.
3118 Cummings Rd
PO BOX 399
GARDEN CITY, KS 67846

Re: ACO1
API 15-159-22744-00-00
Volkland 3-32
NW/4 Sec.32-18S-09W
Rice County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Kevin Wiles SR