



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1225654
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: _____

1225654

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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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Adam Folk

Tempero #7-23

23-17s-14w Barton ,KS

Start Date: 2014.08.10 @ 18:00:00

End Date: 2014.08.11 @ 01:44:45

Job Ticket #: 53959 DST #: 1

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

Printed: 2014.08.12 @ 17:35:54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City KS 67846
 ATTN: Adam Folk

23-17s-14w Barton ,KS
Temporo #7-23
 Job Ticket: 53959 **DST#: 1**
 Test Start: 2014.08.10 @ 18:00:00

GENERAL INFORMATION:

Formation: **KC "G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:29:15
 Time Test Ended: 01:44:45
 Interval: **3234.00 ft (KB) To 3262.00 ft (KB) (TVD)**
 Total Depth: 3262.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1929.00 ft (KB)
 1921.00 ft (CF)
 KB to GR/CF: 8.00 ft

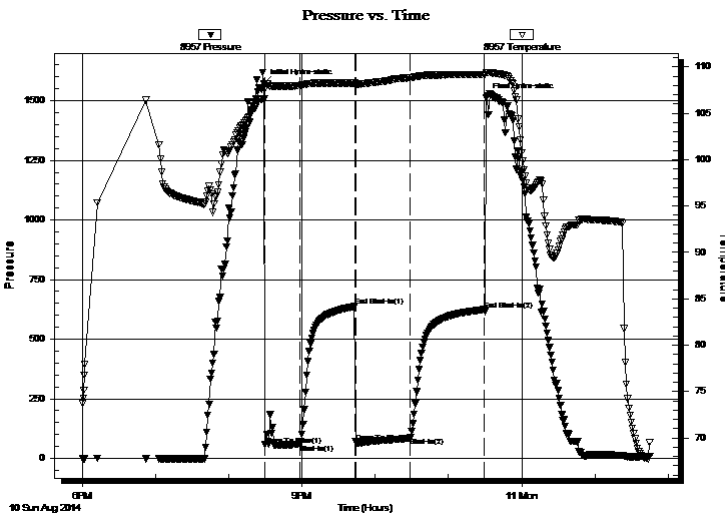
Serial #: 8957

Outside

Press@RunDepth: 87.47 psig @ 3235.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.10 End Date: 2014.08.11 Last Calib.: 2014.08.10
 Start Time: 18:00:05 End Time: 01:44:44 Time On Btm: 2014.08.10 @ 20:28:30
 Time Off Btm: 2014.08.10 @ 23:30:45

TEST COMMENT: IF- 9 1/2in blow
 IS- No blow
 FF- BOB in 15min
 FS- 1/4in blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.48	106.61	Initial Hydro-static
1	56.60	106.56	Open To Flow (1)
30	59.66	108.01	Shut-In(1)
75	637.47	108.27	End Shut-In(1)
76	65.40	108.13	Open To Flow (2)
121	87.47	108.85	Shut-In(2)
181	624.11	109.17	End Shut-In(2)
183	1511.37	109.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	V SOMCW 2%O 30%M 68%W	0.84
95.00	SOCM 10%O 90%M	1.33
0.00	390ft GIP	0.00

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: Adam Folk

23-17s-14w Barton ,KS
Temporo #7-23
 Job Ticket: 53959 **DST#: 1**
 Test Start: 2014.08.10 @ 18:00:00

GENERAL INFORMATION:

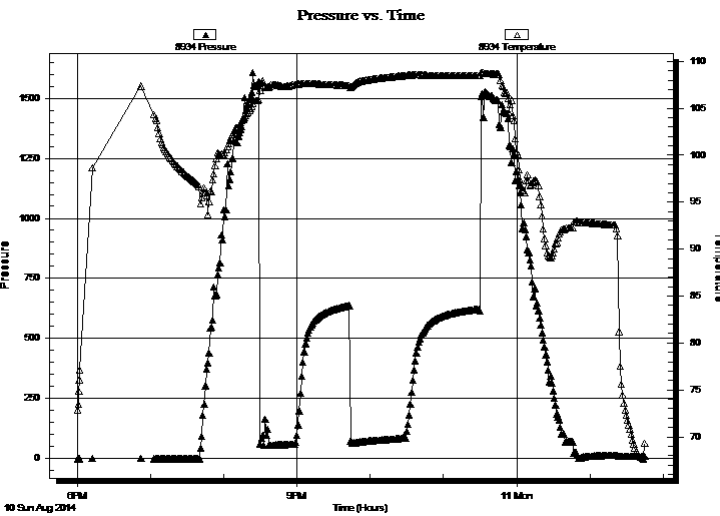
Formation: KC "G"				
Deviated: No Whipstock:	ft (KB)		Test Type: Conventional Bottom Hole (Initial)	
Time Tool Opened: 20:29:15			Tester: Brett Dickinson	
Time Test Ended: 01:44:45			Unit No: 59	
Interval: 3234.00 ft (KB) To 3262.00 ft (KB) (TVD)			Reference Elevations: 1929.00 ft (KB)	
Total Depth: 3262.00 ft (KB) (TVD)			1921.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition:		KB to GR/CF: 8.00 ft	

Serial #: 8934

Inside

Press@RunDepth: psig @	3235.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.08.10	End Date: 2014.08.11	Last Calib.: 2014.08.10
Start Time: 18:00:05	End Time: 01:44:44	Time On Btm:
		Time Off Btm:

TEST COMMENT: IF- 9 1/2in blow
 IS- No blow
 FF- BOB in 15min
 FS- 1/4in blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	V SOMCW 2%O 30%M 68%W	0.84
95.00	SOCM 10%O 90%M	1.33
0.00	390ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

23-17s-14w Barton ,KS

PO Box 399
Garden City KS 67846

Tempero #7-23

Job Ticket: 53959

DST#: 1

ATTN: Adam Folk

Test Start: 2014.08.10 @ 18:00:00

Tool Information

Drill Pipe:	Length: 3225.00 ft	Diameter: 3.80 inches	Volume: 45.24 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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:	45000.00 lb
			<u>Total Volume: 45.24 bbl</u>	Tool Chased	15.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	22000.00 lb
Depth to Top Packer:	3234.00 ft			Final	23000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	48.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3219.00	
Hydraulic tool	5.00			3224.00	
Packer	5.00			3229.00	20.00 Bottom Of Top Packer
Packer	5.00			3234.00	
Stubb	1.00			3235.00	
Recorder	0.00	8934	Inside	3235.00	
Recorder	0.00	8957	Outside	3235.00	
Perforations	24.00			3259.00	
Bullnose	3.00			3262.00	28.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

23-17s-14w Barton ,KS

PO Box 399
Garden City KS 67846

Tempero #7-23

Job Ticket: 53959

DST#: 1

ATTN: Adam Folk

Test Start: 2014.08.10 @ 18:00:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOMCW 2%O 30%M 68%W	0.842
95.00	SOCM 10%O 90%M	1.333
0.00	390ft GIP	0.000

Total Length: 155.00 ft

Total Volume: 2.175 bbl

Num Fluid Samples: 0

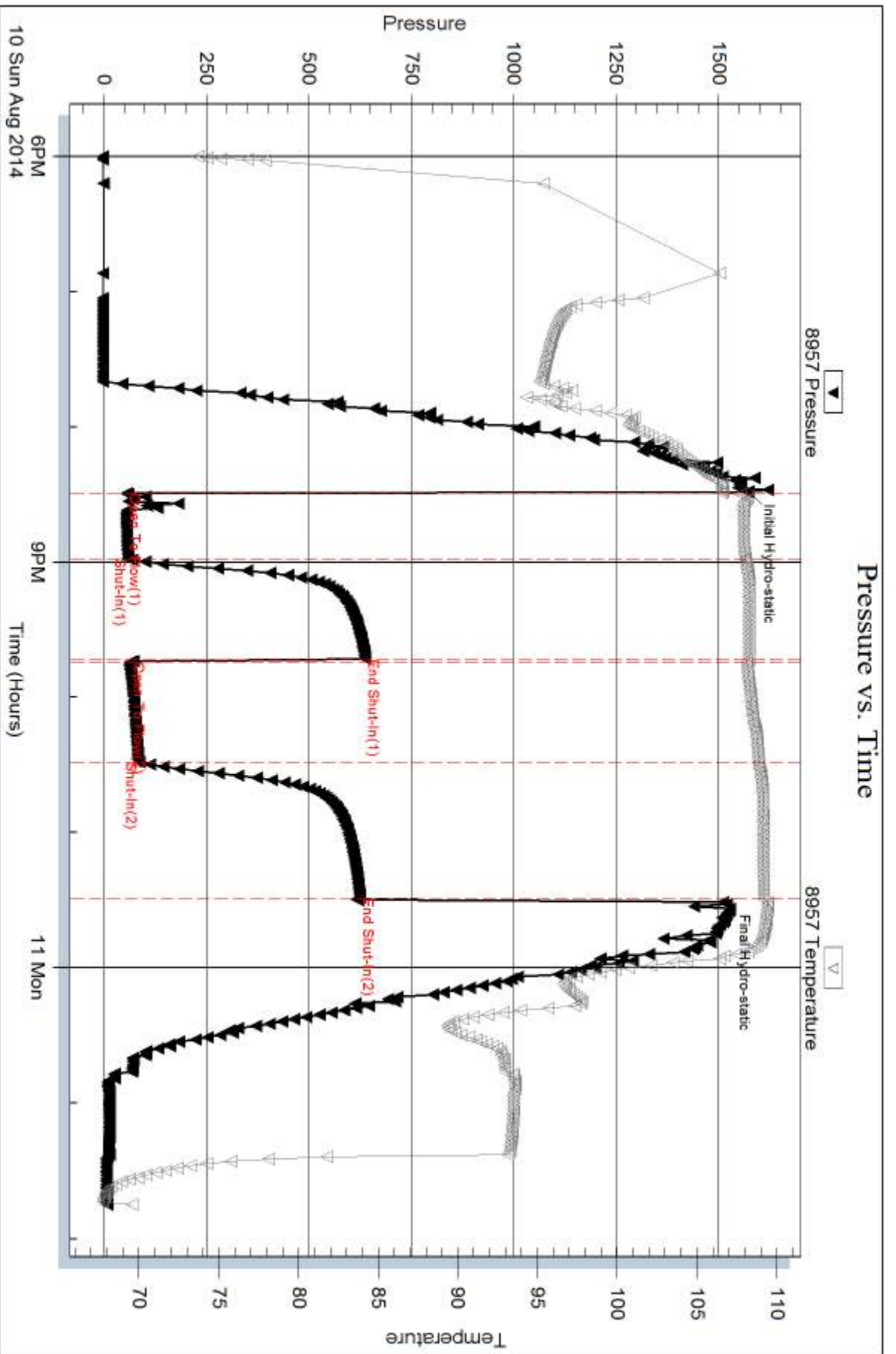
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



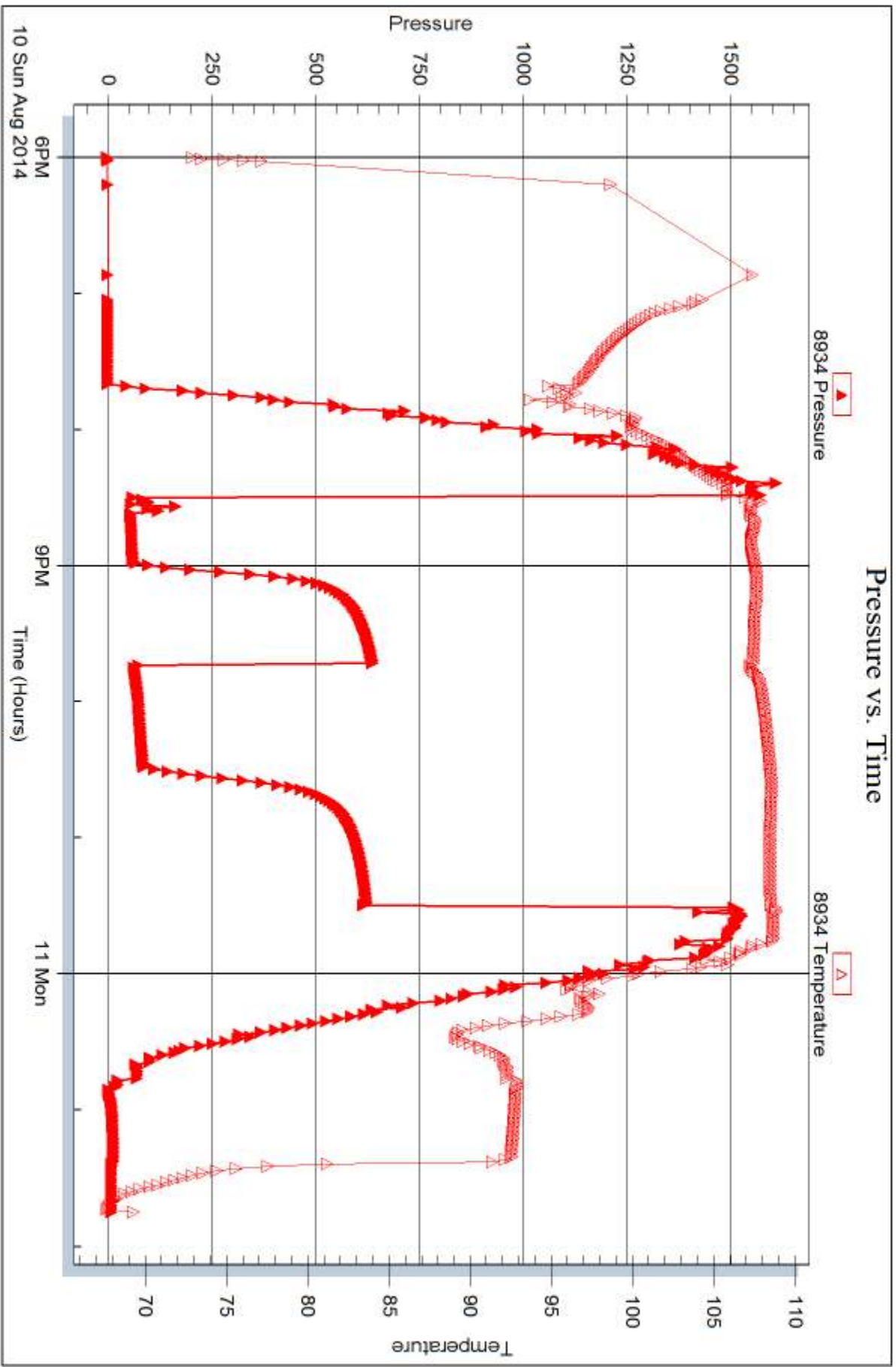
Serial #: 8934

Inside

American Warrior Inc.

Tempero #7-23

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 53959

Printed: 2014.08.12 @ 17:36:36



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Adam Folk

Tempero #7-23

23-17s-14w Barton ,KS

Start Date: 2014.08.11 @ 22:15:00

End Date: 2014.08.12 @ 04:37:00

Job Ticket #: 53960 DST #: 2

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

Printed: 2014.08.12 @ 17:29:53



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City KS 67846
 ATTN: Adam Folk

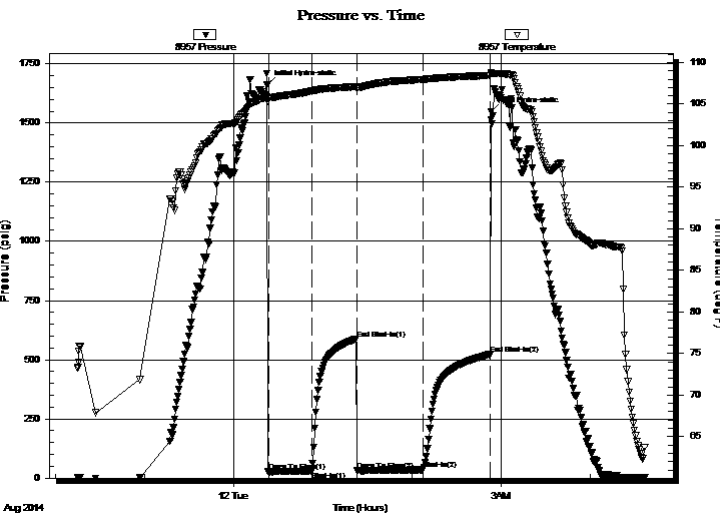
23-17s-14w Barton ,KS
Temporo #7-23
 Job Ticket: 53960 **DST#: 2**
 Test Start: 2014.08.11 @ 22:15:00

GENERAL INFORMATION:

Formation: **BKC -Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:23:30
 Time Test Ended: 04:37:00
 Interval: **3355.00 ft (KB) To 3435.00 ft (KB) (TVD)**
 Total Depth: 3355.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1929.00 ft (KB)
 1921.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8957 Outside
 Press@RunDepth: 36.39 psig @ 3359.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.11 End Date: 2014.08.12 Last Calib.: 2014.08.12
 Start Time: 22:15:05 End Time: 04:36:59 Time On Btm: 2014.08.12 @ 00:22:45
 Time Off Btm: 2014.08.12 @ 02:53:30

TEST COMMENT: IF-1" blow
 IS-No blow
 FF-Weak surface Blow
 FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1661.73	105.82	Initial Hydro-static
1	26.99	105.62	Open To Flow (1)
30	30.31	106.54	Shut-In(1)
60	589.06	107.09	End Shut-In(1)
61	33.75	106.86	Open To Flow (2)
105	36.39	107.96	Shut-In(2)
150	522.16	108.43	End Shut-In(2)
151	1549.03	108.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OS Mud	0.42

* 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.

23-17s-14w Barton ,KS

PO Box 399
Garden City KS 67846

Tempero #7-23

Job Ticket: 53960

DST#: 2

ATTN: Adam Folk

Test Start: 2014.08.11 @ 22:15:00

Tool Information

Drill Pipe:	Length: 3356.00 ft	Diameter: 3.80 inches	Volume: 47.08 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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:	40000.00 lb
			<u>Total Volume: 47.08 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	26000.00 lb
Depth to Top Packer:	3355.00 ft			Final	26000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	100.00 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			3340.00	
Hydraulic tool	5.00			3345.00	
Packer	5.00			3350.00	20.00 Bottom Of Top Packer
Packer	5.00			3355.00	
Stubb	1.00			3356.00	
Perforations	2.00			3358.00	
Change Over Sub	1.00			3359.00	
Recorder	0.00	8934	Inside	3359.00	
Recorder	0.00	8957	Outside	3359.00	
Drill Pipe	62.00			3421.00	
Change Over Sub	1.00			3422.00	
Perforations	10.00			3432.00	
Bullnose	3.00			3435.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

23-17s-14w Barton ,KS

PO Box 399
Garden City KS 67846

Tempero #7-23

Job Ticket: 53960

DST#: 2

ATTN: Adam Folk

Test Start: 2014.08.11 @ 22:15:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OS Mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

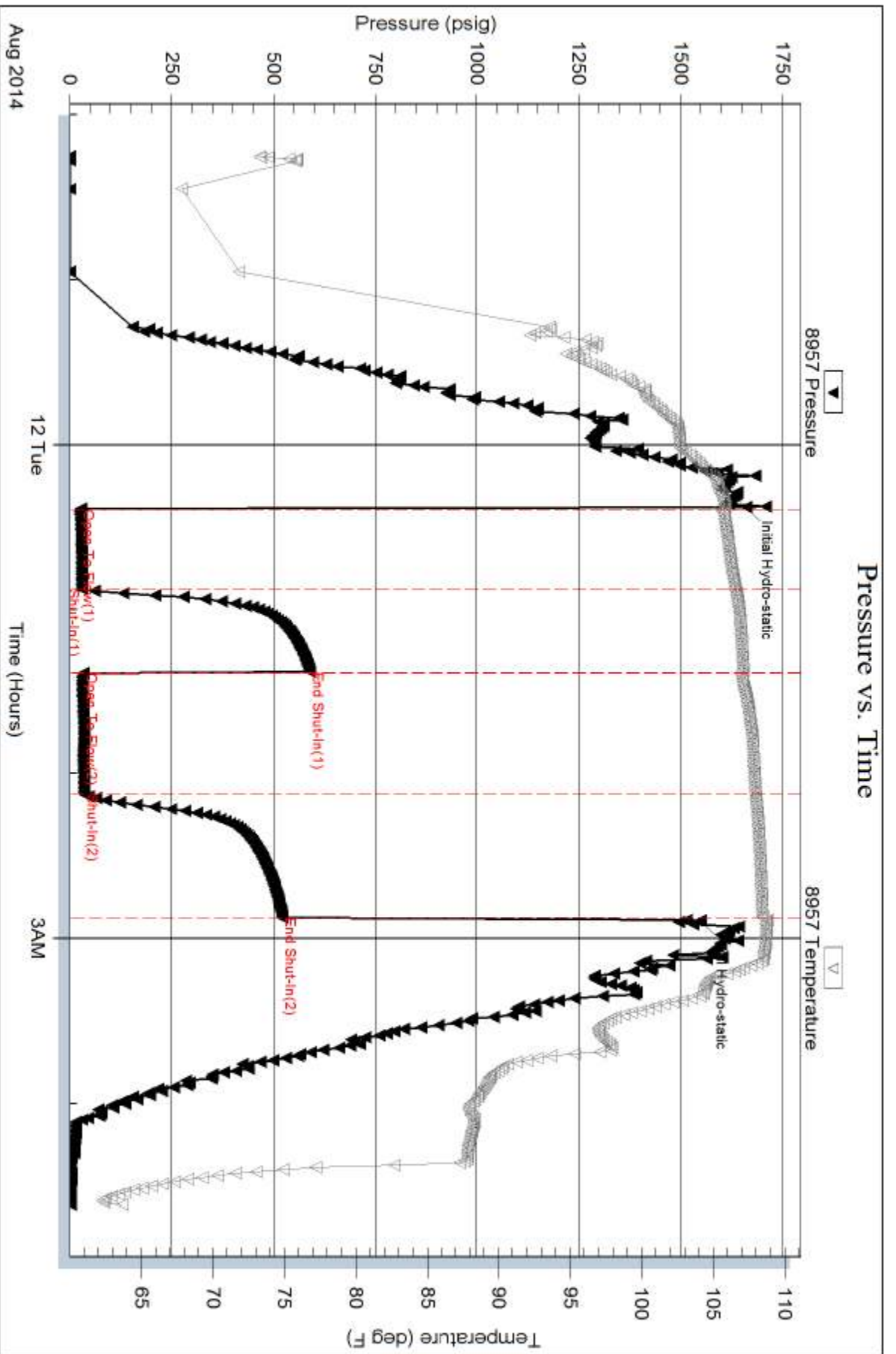
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



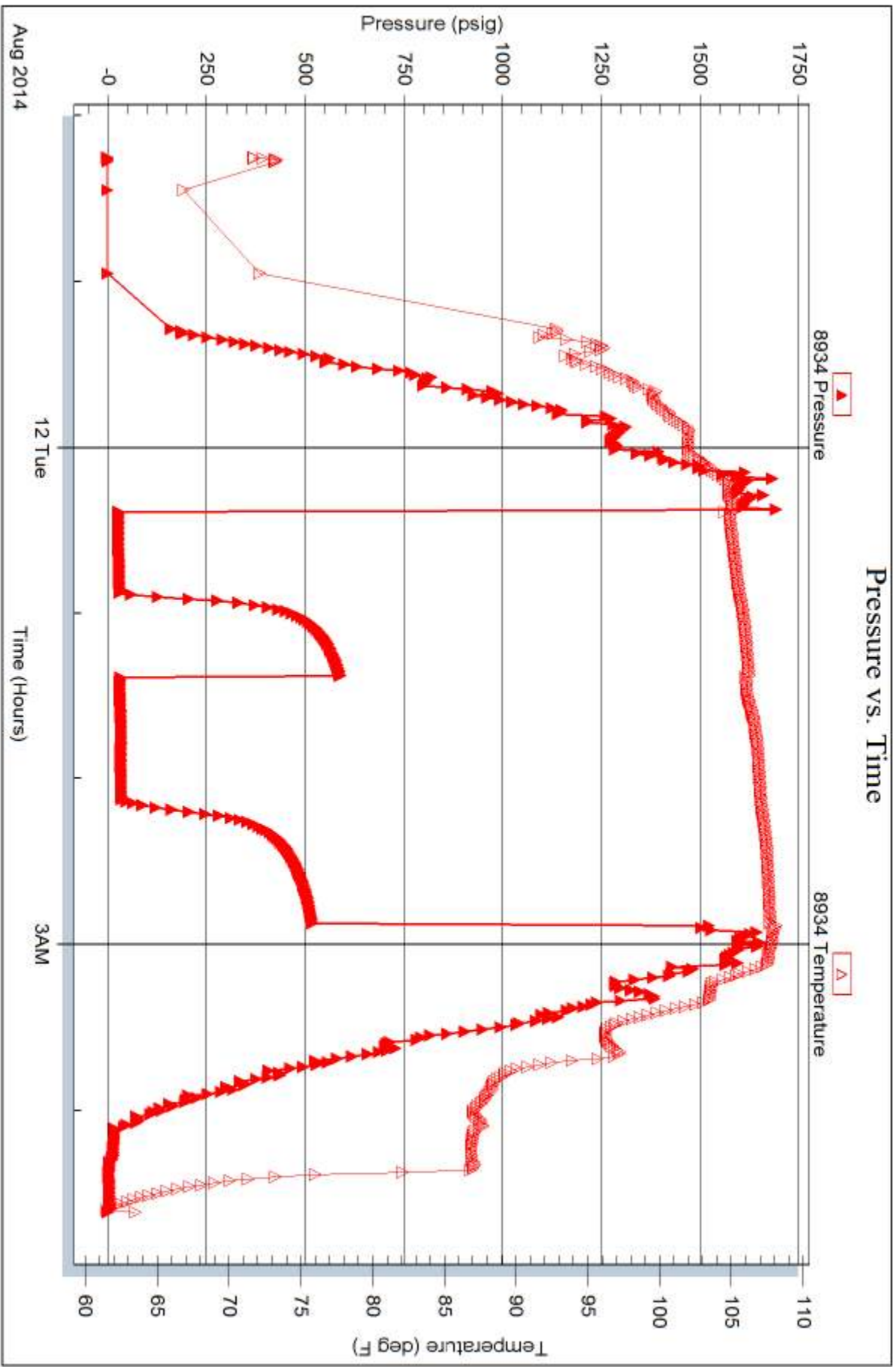
Serial #: 8934

Inside

American Warrior Inc.

Tempero #7-23

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 53960

Printed: 2014.08.12 @ 17:32:33



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53959

Well Name & No. Tempero #7-23 Test No. 1 Date 8/10/14
 Company American Warrior, Inc. Elevation 1929 KB 1921 GL
 Address PO Box 399 Garden City KS 67846
 Co. Rep / Geo. Adam Folk Rig Duke #8
 Location: Sec. 23 Twp. 17 Rge. 14 Co. Barton State KS

Interval Tested 3234-3262 Zone Tested KC" 6"
 Anchor Length 28 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3229 Drill Collars Run — Vis 53
 Bottom Packer Depth 3234 Wt. Pipe Run — WL 9.2
 Total Depth 3762 Chlorides 4,600 ppm System LCM _____

Blow Description IF - 9 1/2 in blow
ISI - No blow
FF - BOB in 15 min
FSI - 1/4 in blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>SOCM</u>	<u>10</u>		<u>90</u>	
<u>60</u>	<u>visomck</u>	<u>2</u>	<u>68</u>	<u>30</u>	
	<u>390ft GIP</u>				

Rec Total 155 BHT 109 Gravity _____ API RW 15 @ 70 °F Chlorides 34000 ppm
 (A) Initial Hydrostatic 1,572 Test 1150 T-On Location 17:20
 (B) First Initial Flow 57 Jars _____ T-Started 18:00
 (C) First Final Flow 60 Safety Joint _____ T-Open 20:30
 (D) Initial Shut-In 637 Circ Sub _____ T-Pulled 23:30
 (E) Second Initial Flow 65 Hourly Standby _____ T-Out 1:45
 (F) Second Final Flow 87 Mileage 94rt 145.70
 (G) Final Shut-In 624 Sampler _____
 (H) Final Hydrostatic 1,511 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 60 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1295.70
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1295.70

Approved By _____ Our Representative Brett D. ...

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. 53960

Well Name & No. Tempero #7-23 Test No. 2 Date 8/16/14
 Company American Warrior, Inc. Elevation 1929 KB 1921 GL _____
 Address _____
 Co. Rep / Geo. Adam Folk Rig Duke #8
 Location: Sec. 23 Twp. 17 Rge. 14 Co. Barton State KS

Interval Tested 3355-3435 Zone Tested BAC-Arb
 Anchor Length 80 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3350 Drill Collars Run _____ Vis _____
 Bottom Packer Depth 3355 Wt. Pipe Run _____ WL _____
 Total Depth 3435 Chlorides _____ ppm System LCM _____

Blow Description IF - 1 in blow
FSI - No blow
FF - surface blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>25 25</u> <u>Mud</u>				
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 30 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1,662</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>22:10</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:15</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:23</u>
(D) Initial Shut-In <u>589</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2:53</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:35</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>94rT</u> <u>145.70</u>	Comments _____
(G) Final Shut-In <u>322</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>6549</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 45

Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 0
 Total 1620.70
 MP/DST Disc't _____

Sub Total 1620.70

Approved By _____ Our Representative But

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.

JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Clafin (620) 587-3444

American Warrior Inc.
Tempero #7-23
SE-SW-NW-SE (1630' FSL & 2263' FEL)
Section 23-17s-14w
Barton County, Kansas

Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Co. (rig #8)

Commenced: August 4, 2014

Completed: August 12, 2014

Elevation: 1929' K.B., 1927' D.F., 1921' G.L.

Casing program: Surface; 8 5/8" @ 845'
Production, 5 1/2" @ 3499'

Sample: Samples saved and examined 2800' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity Log and Micro-resistivity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	890	+1039
Base Anhydrite	918	+1011
Heebner	3089	-1160
Toronto	3102	-1173
Brown Lime	3163	-1234
Lansing	3174	-1245
Base Kansas City	3373	-1444
Conglomerate	3388	-1459
Arbuckle	3421	-1492
Rotary Total Depth	3500	-1571
Log Total Depth	3452	-1523

(All tops and zones corrected to Electric Log Measurement)

JAMES C. MURPHY
 Petroleum Geologist, L.L.C.
 212 Main Street
 P.O. Box 212
 Clifton, KS 67222

Phone: (620) 597-3444

Office: (620) 883-1550

American Western Inc.
 Temple #7-23
 SE 2W-17N-2E (1890 FEEL & 2298 FEEL)
 Section 23-17N-14W
 Barton County, Kansas

Page 1

5 W Production Casing Set

Contractor: Duke Drilling Co. (rig #8)
Commenced: August 4, 2014
Completed: August 12, 2014
Elevation: 1929' K.R., 1927' D.F., 1921' G.L.
Casing Program: Production 5 1/2" @ 3499'
 Surface; 5 5/8" @ 845'
Samples: Samples saved and examined 2800' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tester: There were two (2) Drill Stem Tests run by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Resistivity Log and Micro-resistivity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Bottom</u>
Log Total Depth	3123	-1923
Rotary Total Depth	3000	-1871
Archie	2421	-1492
Conglomerate	3389	-1459
Base Kansas Oliv	3373	-1444
Lansing	3174	-1245
Granular Linn	3153	-1134
Tonopah	3102	-1173
Hesper	3039	-1160
Base Anhydrite	218	-1011
Anhydrite	890	+1009

(All tops and zones corrected to Electric Log Measurement)

American Warrior Inc.
Tempero #7-23
SE-SW-NW-SE (1630' FSL & 2263' FEL)
Section 23-17s-14w
Barton County, Kansas

Page 2

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

TOPEKA SECTION

- 3004-3020' Limestone, cream, finely crystalline, poor visible porosity, light brown stain, no free oil and no odor.
- 3032-3050' Limestone, gray, chalky, granular, chalky, black stain, no free oil and no odor.
- 3062-3080' Limestone, cream, finely crystalline, few fossiliferous, dense, trace brown stain, no free oil and no odor.

TORONTO SECTION

- 3102-3111' Limestone, tan, gray, fine to medium crystalline, dense, trace poor stain, plus white chert.

LANSING SECTION

- 3175-3182' Limestone, cream, tan, oolitic, fossiliferous, chalky, poor visible porosity, poor brown stain, no free oil and no odor.
- 3198-3208' Limestone, tan, finely crystalline, oolitic, poor visible porosity, chalky, poor light brown stain, no free oil and no odor.
- 3218-3226' Limestone, gray, tan, finely oolitic, few fossiliferous, poorly developed porosity, black stain, no free oil and no odor, plus white chert.
- 3232-3236' Limestone, as above, trace stain, trace of free oil and questionable odor.
- 3244-3262' Limestone, cream, oolitic, oomoldic, fair porosity, brown stain, show of free oil and faint odor.

SAMPLE ANALYSIS SHOWS OF OIL TESTING DATA, ETC.

TOPEKA SECTION

3004-3020	Limestone, cream, finely crystalline, poor visible porosity, light brown stain, no free oil and no odor.
3032-3050	Limestone, gray, chalky, granular, chalky, black stain, no free oil and no odor.
3062-3080	Limestone, cream, finely crystalline, few fossiliferous, dense, trace brown stain, no free oil and no odor.

TORWATO SECTION

3102-3111	Limestone, tan, gray, fine to medium crystalline, dense, trace brown stain, plus white chert.
-----------	---

LANSING SECTION

3176-3182	Limestone, cream, tan, oolitic, fossiliferous, chalky, poor visible porosity, brown stain, no free oil and no odor.
3198-3208	Limestone, tan, finely crystalline, oolitic, poor visible porosity, chalky, poor light brown stain, no free oil and no odor.
3218-3226	Limestone, gray, tan, finely oolitic, few fossiliferous, poorly developed porosity, black stain, no free oil and no odor, plus white chert.
3232-3238	Limestone, as above, trace stain, trace of free oil and questionable odor.
3244-3252	Limestone, cream, oolitic, oolitic, brown stain, snow of free oil and faint odor.

American Warrior Inc.
Tempero #7-23
SE-SW-NW-SE (1630' FSL & 2263' FEL)
Section 23-17s-14w
Barton County, Kansas

Page 3

Drill Stem Test #1 **3234-3262**

Times: 30-30-45-60

Blow: Fair to good

**Recovery: 390' gas in pipe
95' oil cut mud
(10% oil; 90% mud)
60' very slightly oil cut muddy water
(2% oil; 30% mud; 68% water)**

**Pressures: ISIP 637 psi
FSIP 624 psi
IFP 56-60 psi
FFP 65-87 psi
HSH 1572-1511 psi**

- 3270-3290' Limestone, cream, fossiliferous, chalky, no shows.
- 3304-3310' Limestone, cream, sub-oomoldic, chalky, light brown stain, no free oil and good odor in fresh samples.
- 3323-3330' Limestone, cream; tan, oolitic, chalky, gray/black stain, no free oil and no odor.
- 3334-3349' Limestone, cream, oolitic, oomoldic, poor visible porosity, no shows plus tan chert.
- 3360-3370' Limestone, cream, oolitic, fossiliferous, dense, no shows.

CONGLOMERATE

- 3386-3409' Varied colored chert and limestone; varied colored shale.
- 3409-3420' Chert and limestone, as above, trace brown stain; no free oil and no odor.

ARBUCKLE SECTION

- 3421-3435' Dolomite, cream, finely crystalline, sucrosic, brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 2234-2282

Time:	30-30-45-60
Blow:	Fair to good
Recovery:	30% gas in pipe 95% oil cut mud (10% oil; 90% mud) 60% very slightly oil cut muddy water (2% oil; 30% mud; 68% water)
Pressure:	HSH 1572-1574 psi FFP 62-67 psi IFP 26-60 psi F&L 624 psi ISIP 637 psi

- 3270-3290' Limestone, cream, fossiliferous, chalky, no shows.
- 3304-3310' Limestone, cream, sub-omolbidic, chalky, light brown stain, no free oil and good odor in fresh samples.
- 3320-3330' Limestone, cream; tan, colitic, chalky, drab/black stain, no free oil and no color.
- 3384-3390' Limestone, cream, colitic, omolbidic, poor visible porosity, no shows plus tan chert.
- 3360-3370' Limestone, cream, colitic, fossiliferous, dense, no shows.

CONGLOMERATE

- 3408-3420' Chert and limestone, as above, trace brown stain; no free oil and no odor.
- 3408-3409' Varied colored chert and limestone, varied colored shale.

ARBOKI E SECTION

- 3421-3425' Dolomite, cream, finely crystalline, sacrosid, brown stain, show of free oil and faint odor in fresh samples.

American Warrior Inc.
Tempero #7-23
SE-SW-NW-SE (1630' FSL & 2263' FEL)
Section 23-17s-14w
Barton County, Kansas

Page 4

Drill Stem Test #2 **3348-3399**

Times: 30-30-45-45

Blow: Weak

Recovery: 30' oil speckled mud

Pressures:

ISIP	589	psi
FSIP	522	psi
IFP	27-30	psi
FFP	34-36	psi
HSH	1662-1545	psi

- 3435-3450' Dolomite, tan, cream, fine and medium crystalline, sucrosic in part; poor stain, trace of free oil and faint odor in fresh samples.
- 3450-3470' Dolomite, tan, finely crystalline, sucrosic, sandy in part, no shows and no odor.
- 3470-3490' Dolomite, gray, tan, finely crystalline, dense.
- 3490-3500' Dolomite, tan, finely crystalline, poor visible porosity, no shows.

Rotary Total Depth: 3500
Log Total Depth: 3452

Recommendations:

5 ½ production casing was set and cemented on the American Warrior Inc., Tempero #7-23.

Respectfully Submitted,



Wyatt Urban
Petroleum Geologist

Drill Stem Test #3 2818-3338

Time: 30-30-45-45
 Blow: Weak
 Recovery: 30' oil speckled mud
 Pressure: 1819 590 psi
 1819 590 psi
 1819 590 psi
 1819 590 psi
 1819 590 psi
 1819 590 psi

- 3435-3450' Dolomite, tan, cream, fine and medium crystalline, anoxic in part; poor stain, trace of free oil and faint odor in fresh samples.
- 3450-3470' Dolomite, tan, finely crystalline, anoxic, sandy in part, no shows and no odor.
- 3470-3490' Dolomite, gray, tan, finely crystalline, dense.
- 3490-3500' Dolomite, tan, finely crystalline, poor visible porosity, no shows.

Rotary Total Depth: 3500
 Log Total Depth: 3452

Recommendation:

5 W production casing was set and cemented on the American Wellco Inc., Tempe #7-23.

In vicinity submitted.

Wyllie Urban
 Petroleum Geologist

ALLIED OIL & GAS SERVICES, LLC 063508

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Greene Brook

DATE <u>8-7-14</u>	SEC. <u>23</u>	TWP. <u>17</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION <u>4 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12 PM</u>
LEASE <u>Temper</u>		WELL # <u>17-27</u>		LOCATION <u>Hastington 4/281 Jet 1N</u>		COUNTY <u>Bert</u>	STATE <u>TX</u>
OLD OR NEW (Circle one)				<u>1/2 E into</u>			

CONTRACTOR Duke 8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 9 5/8 DEPTH 261.20
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20 Ft
 PERFS.
 DISPLACEMENT 57.49 bbl fresh water

OWNER
 CEMENT
 AMOUNT ORDERED 475 sx class A 3/2cc
2 1/2 gal

EQUIPMENT
 PUMP TRUCK CEMENTER Josh / 564c
 # 366 HELPER Ben Newell
 BULK TRUCK
 # 609-239 DRIVER Zach Schwaller
 BULK TRUCK
 # DRIVER

COMMON	<u>475</u>	@	<u>17.90</u>	<u>8,502.50</u>
POZMIX		@		
GEL	<u>893</u>	@	<u>1.50</u>	<u>446.50</u>
CHLORIDE	<u>1339</u>	@	<u>1.10</u>	<u>1,472.90</u>
ASC		@		
<u>Materials Total</u>				<u>10,421.90</u>
		@	<u>25%</u>	<u>2,605.48</u>
<u>Service</u>				
HANDLING	<u>513.62</u>	@	<u>2.48</u>	<u>1,273.77</u>
MILEAGE	<u>23.44 x 18 x 2.75</u>	@		<u>1,160.32</u>

REMARKS:

on location - dry up - had set top pressing
run 8 5/8 casing - break connection
pump 5 bbl fresh water
mix 475 sx class A 3/2cc 2 1/2 gal
Drop plug
Displace 57.49 bbl fresh water
Shut in
Cement did circulate - log down

DEPTH OF JOB				
PUMP TRUCK CHARGE	<u>2058.50</u>			
EXTRA FOOTAGE		@		
MILEAGE <u>HUM 18</u>		@	<u>7.70</u>	<u>138.60</u>
MANIFOLD <u>H=4 J</u>		@	<u>275.00</u>	<u>275.00</u>
<u>HUM 18</u>		@	<u>4.40</u>	<u>79.20</u>
		@		

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 4,985.39
 Disc 25% 1,246.34

PLUG & FLOAT EQUIPMENT

<u>3 centralizers</u>	@	<u>75.00</u>	<u>225.00</u>
<u>Rubber plug</u>	@	<u>131.00</u>	<u>131.00</u>
	@		
	@		
	@		

TOTAL 356.00
 25% 89.00

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 15,763.39
 DISCOUNT 25% 3,940.82 (25/25/25)
 IF PAID IN 30 DAYS

PRINTED NAME X STEVE H STEPHENS

SIGNATURE X Steve H Stephens

Thank you! :

11,822.57



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

TICKET 26748

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, Ks.
 2. Ness City, Ks.
 3. _____
 4. _____

WELL/PROJECT NO. #7-23
 LEASE Tempero
 COUNTY/PARISH Barton
 STATE Ks
 CITY _____
 DATE 8-12-14
 OWNER Same

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR Duke D-lg #8
 RIG NAME/NO. _____
 SHIPPED VIA ET Location
 ORDER NO. _____

WELL TYPE oil
 WELL CATEGORY development
 JOB PURPOSE Longstring
 WELL PERMIT NO. _____
 WELL LOCATION _____

REFERRAL LOCATION _____
 INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #111	50	mi			6.00	300.00	
578		1			Pump Charge Longstring	1	ea			1500.00	1500.00	
221		1			KCL	2	gal			25.00	50.00	
281		1			Mudflush	500	gal			1.25	625.00	
290		1			D-Air	2	gal			42.00	84.00	
402		1			Centralizers	8	ea	5 1/2"		70.00	560.00	
403		1			Basket	1	ea			300.00	300.00	
406		1			LD Plug & Bottle	1	ea			275.00	275.00	
407		1			Insert Float Shoe w/All	1	ea			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 8-13-14 TIME SIGNED 0430 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		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	4069.00
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2	4830.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	8999.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Barton TAX 7.15%	456.99
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9456.49
<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!

10/10/10

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

TICKET CONTINUATION

TICKET No. 26748

CUSTOMER American Warrior Inc WELL #7-23 Tempo 0 DATE 8-12-14 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
325		2				Standard Cement	175	sk			14.50	2537	50
276		2				Flocete	50	#	14	#/sk	2.50	125	00
283		2				Salt	900	#	10	%	20	180	00
284		2				Calseq	8	sk	5	%	35.00	280	00
292		2				Halad-322	125	#	74	%	8.00	1000	00
581		2				SERVICE CHARGE			175			2.00	350.00
583		2				MILEAGE CHARGE			18325			1.00	458.00
						TOTAL WEIGHT			50				
						LOADED MILES							
						CUBIC FEET							
						TON MILES			458				

CONTINUATION TOTAL 4930.50

JOB LOG

SWIFT Services, Inc.

DATE 8-12-14 PAGE NO. 1

CUSTOMER American Maritime WELL NO. 7-23 LEASE Tempo JOB TYPE Longstring TICKET NO. 26748

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2345							on 100 w/FE
								RTD 3500'
								5 1/2" x 15.5" x 3498' x 14'
								Cent 1,3,5,7,9,11,13,15
								Back 4
	0100							Start FE
	0255							Break Circ
	0335	2	7/4					Plug R/H/MH 30/15 sks EA-2
	0345	5	0			200		Start 500gal Mud Flush
		5	12/0			200		Start 20 bbl KCL Flush
		5	20/0			200		Start 130sks EA-2 Cement
	0357		32					End Cement
								Wash P&L
								Drop L.D. Plug
	0405	6	0			200		Start Displacement
	0415	5	58			250		Catch Cement
	0420		83			650/1100		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, David E. & Craig

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