



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1191118  
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: \_\_\_\_\_

1191118

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

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

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> _____
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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	Congdon 14-28
Doc ID	1191118

Tops

Name	Top	Datum
Hebner	3836'	-981
Lansing	3879'	-1024
B/KC	4395'	-1540
Marmaton	4423'	-1568
Pawnee	4477'	-1622
Ft.Scott	4509'	-1654
Cherokee	4520'	-1665
Morrow	4686'	-1831
Mississippian	4710'	-1855

# ALLIED OIL & GAS SERVICES, LLC 052414

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Liberal ks

DATE <u>2-9-14</u>	SEC. <u>28</u>	TWP. <u>23</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:42 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Cogdon</u>	WELL # <u>14-28</u>	LOCATION <u>Garden City, KS North 2 miles</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			on Jennie Baker Rd - 1/4 west on Parkway Rd - North into location				
CONTRACTOR <u>Duke #1</u>				OWNER <u>American Warrior</u>			

TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>1745'</u>
CASING SIZE <u>8 3/4</u>	DEPTH <u>1745'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>2500</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.00</u>
CEMENT LEFT IN CSG. <u>42.00 ft</u>	
PERFS.	
DISPLACEMENT <u>108 bbls Fresh water</u>	

**EQUIPMENT**

PUMP TRUCK # <u>531-541</u>	CEMENTER <u>Edgar A. Rodriguez</u>	HELPER <u>Ricardo Estrada</u>
BULK TRUCK # <u>774-744</u>	DRIVER <u>Alex Ayala</u>	
BULK TRUCK # <u>472-554</u>	DRIVER <u>José Calderon</u>	

**REMARKS:**

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CHARGE TO: American Warrior

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

PRINTED NAME Mike Goffrey

SIGNATURE Mike Goffrey

<b>CEMENT</b>			
AMOUNT ORDERED <u>625 Sks Class, 6% gel, 3% cc, 0.25 #/sk floccul. 200 lbs Class Next, 3% cc, 0.25 #/sk floccul</u>			
COMMON Class A	200 Sks @	17.90	3580.00
POZMIX	@		
GEL	@		
CHLORIDE	21 Sks @	64.00	1344.00
ASC	@		
ALWC. Class A	625 Sks @	16.50	10322.50
Floccul	157 # @	2.97	466.29
Calcium Chloride	8 Sks @	64.00	512.00
Floccul	50 # @	2.97	148.50
	@		
	@		
	@		
HANDLING	936.60 Ft <sup>3</sup> @	2.48	2322.76
MILEAGE	1970.98	2.60	5124.54
<b>TOTAL</b>			<b>23810.59</b>

**SERVICE**

DEPTH OF JOB		1745'
PUMP TRUCK CHARGE	1	2213.15
EXTRA FOOTAGE	@	
MILEAGE Light Vehicle	50 mi @	4.40
MANIFOLD	1 @	275.00
Heavy Vehicle	50 mi @	7.70
	@	
<b>TOTAL</b>		<b>3093.75</b>

**PLUG & FLOAT EQUIPMENT**

Guide Shoe	1 @	460.98	460.98
Afu Float Valve	1 @	446.94	446.94
Centralizer	3 @	74.88	224.64
Top Rubber Plug	1 @	131.04	131.04
	@		
<b>TOTAL</b>		<b>1263.60</b>	

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 28167.94

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Net = 22534.35

# ALLIED OIL & GAS SERVICES, LLC 062544

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Dakley, KS

DATE <u>2-10-14</u>	SEC. <u>28</u>	TWP. <u>23</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>10:00 am</u>	JOB START <u>11:30 am</u>	JOB FINISH <u>12:00 pm</u>
LEASE <u>Congolem</u>	WELL # <u>14-28</u>		LOCATION <u>Garden City, KS</u>		COUNTY <u>Texas</u>	STATE <u>KS</u>	
OLD OR NEW (circle one) <u>NEW</u>			<u>2 1/2 E, north</u>				

CONTRACTOR <u>Duke 1</u>	OWNER
TYPE OF JOB <u>1" surface pipe</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D.	AMOUNT ORDERED: <u>4005 lbs cement</u>
CASING SIZE _____ DEPTH _____	<u>3000 lbs</u>
TUBING SIZE <u>2</u> DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <u>150 lbs</u> @ <u>17.90</u> <u>2685.00</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. _____	GEL _____ @ _____
PERFS. _____	CHLORIDE <u>45 lbs</u> @ <u>64.00</u> <u>2880.00</u>
DISPLACEMENT <u>0</u>	ASC _____ @ _____

**EQUIPMENT**

PUMP TRUCK # <u>423/251</u>	CEMENTER <u>Karol Wente</u>
BULK TRUCK # <u>386/310</u>	HELPER <u>Andrew Forslund</u>
BULK TRUCK # _____	DRIVER <u>Eddy Coronado (TWS)</u>
BULK TRUCK # _____	DRIVER _____

HANDLING <u>404.43</u> @ <u>2.48</u> <u>1002.97</u>
MILEAGE <u>12937 x 50 x 2.60</u> <u>16818.00</u>
TOTAL <u>2404.87</u>

REMARKS:  
mix 150 spec cement  
wait to see if it falls back

CHARGE TO: American Warrior  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB _____
PUMP TRUCK CHARGE <u>1512.25</u>
EXTRA FOOTAGE _____ @ _____
MILEAGE <u>AD 40</u> <u>50</u> @ <u>7.20</u> <u>360.00</u>
MANIFOLD <u>AD 40</u> <u>50</u> @ <u>4.40</u> <u>220.00</u>
TOTAL <u>2112.25</u>

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.

**PLUG & FLOAT EQUIPMENT**

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
TOTAL _____

PRINTED NAME Tedd E. Isen  
SIGNATURE [Signature]

SALES TAX (if Any) \_\_\_\_\_  
TOTAL CHARGES 8,522.12  
DISCOUNT 2,130.53 IF PAID IN 30 DAYS  
6,391.59 Net:



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399  
Garden City, KS 67871

ATTN: Kevin Timson

### **Congdon #14-28**

#### **28-23s-32w Finney,KS**

Start Date: 2014.02.14 @ 23:47:00

End Date: 2014.02.15 @ 06:48:00

Job Ticket #: 56721                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.18 @ 14:19:42



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.

**28-23s-32w Finney, KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56721

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.02.14 @ 23:47:00

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:02:15

Time Test Ended: 06:48:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 71

**Interval: 4518.00 ft (KB) To 4536.00 ft (KB) (TVD)**

Reference Elevations: 2855.00 ft (KB)

Total Depth: 4536.00 ft (KB) (TVD)

2843.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 16.01 psig @ 4519.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.14

End Date:

2014.02.15

Last Calib.:

2014.02.15

Start Time:

23:47:05

End Time:

06:47:59

Time On Btm:

2014.02.15 @ 03:02:00

Time Off Btm:

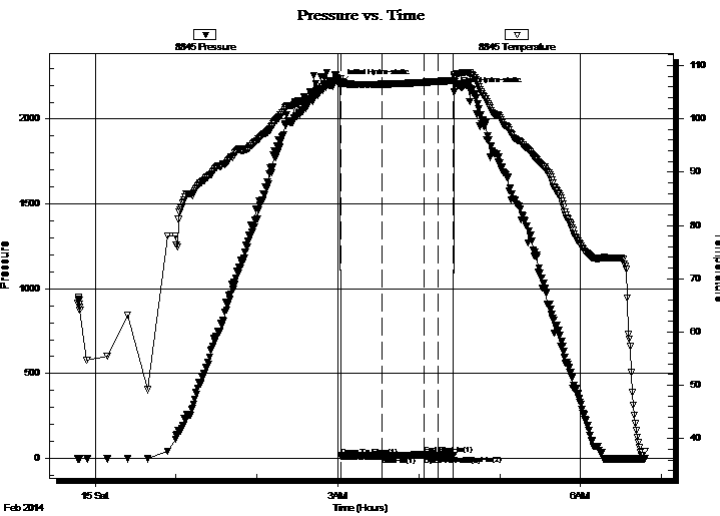
2014.02.15 @ 04:26:00

TEST COMMENT: IF: 1/4" Blow Died @ 24 min.

IS: No Return.

FF: No Blow.

FS: No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.40	107.55	Initial Hydro-static
1	13.11	106.28	Open To Flow (1)
31	15.00	106.50	Shut-In(1)
62	22.14	106.86	End Shut-In(1)
63	15.25	106.87	Open To Flow (2)
72	16.01	107.02	Shut-In(2)
84	16.16	107.20	End Shut-In(2)
84	2159.72	108.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m ( Oil Spots)	0.07

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56721

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.02.14 @ 23:47:00

## Tool Information

Drill Pipe:	Length: 4510.00 ft	Diameter: 3.80 inches	Volume: 63.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4518.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4491.00	
Shut In Tool	5.00			4496.00	
Hydraulic tool	5.00			4501.00	
Jars	5.00			4506.00	
Safety Joint	3.00			4509.00	
Packer	5.00			4514.00	28.00 Bottom Of Top Packer
Packer	4.00			4518.00	
Stubb	1.00			4519.00	
Recorder	0.00	6772	Outside	4519.00	
Recorder	0.00	8845	Outside	4519.00	
Perforations	12.00			4531.00	
Bullnose	5.00			4536.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 46.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56721

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.02.14 @ 23:47:00

## 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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 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
5.00	Mud 100m ( Oil Spots)	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

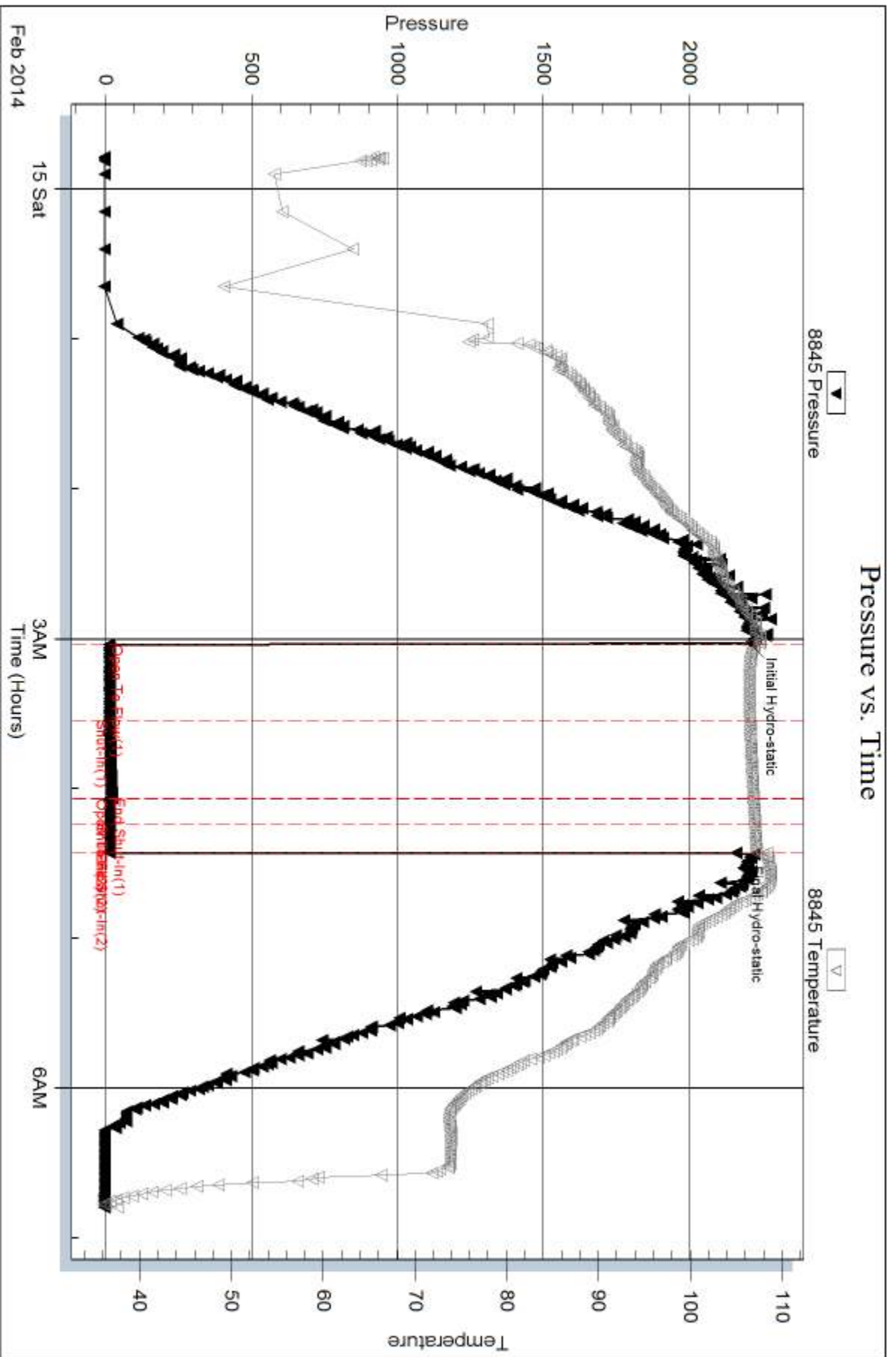
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

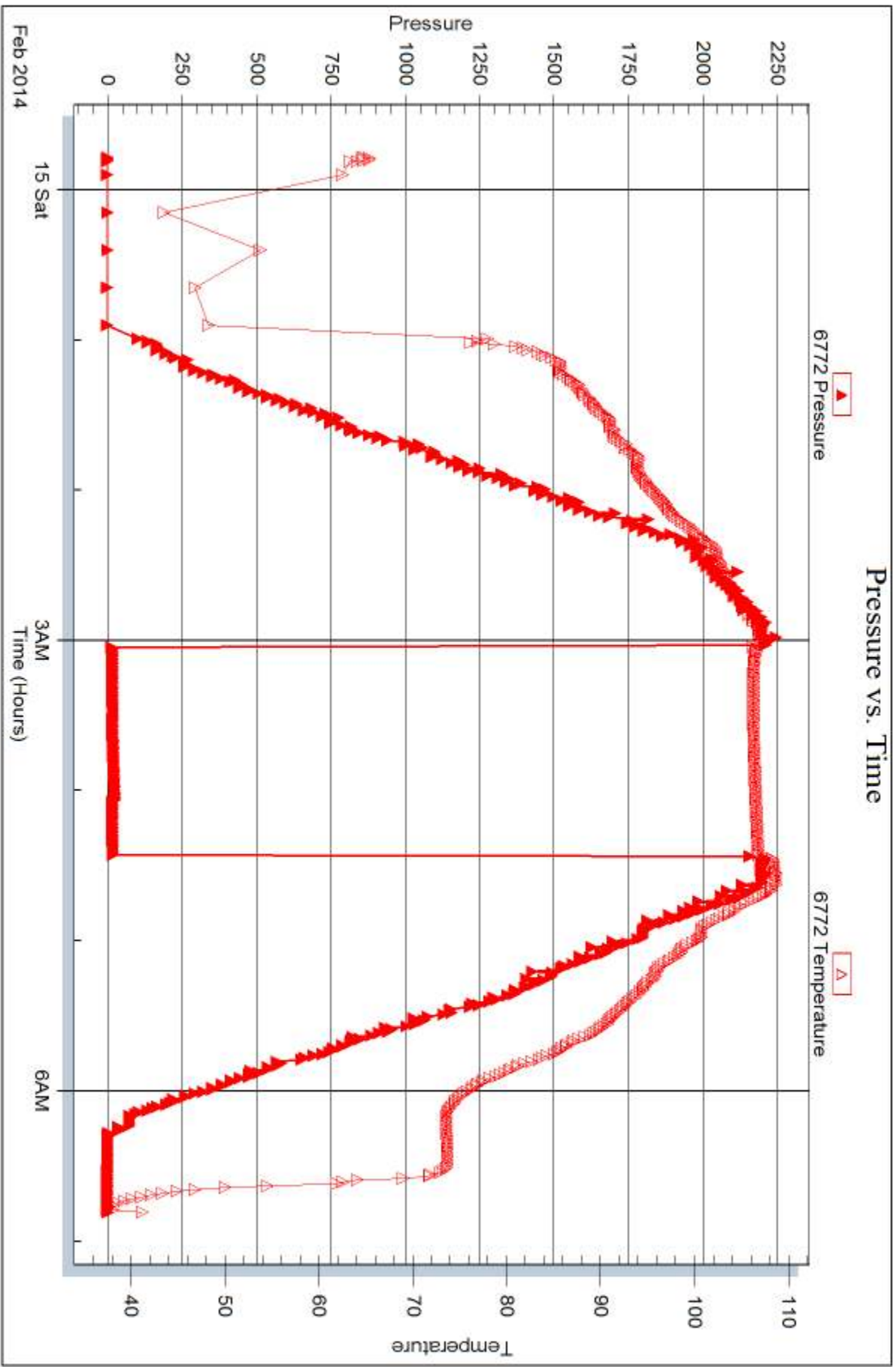


Serial #: 6772

Outside American Warrior, Inc.

Congdon #14-28

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56721

Printed: 2014.02.18 @ 14:19:44



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399  
Garden City, KS 67871

ATTN: Kevin Timson

### **Congdon #14-28**

### **28-23s-32w Finney,KS**

Start Date: 2014.02.16 @ 07:48:00

End Date: 2014.02.16 @ 12:53:15

Job Ticket #: 56722                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.18 @ 14:19:17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.

**28-23s-32w Finney, KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56722

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.02.16 @ 07:48:00

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:50:30

Time Test Ended: 12:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 71

**Interval: 4678.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Reference Elevations: 2855.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

2843.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 8845**

**Inside**

Press@RunDepth: 18.52 psig @ 4679.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.16

End Date:

2014.02.16

Last Calib.:

2014.02.16

Start Time: 07:48:05

End Time:

12:53:14

Time On Btm:

2014.02.16 @ 09:50:15

Time Off Btm:

2014.02.16 @ 11:04:30

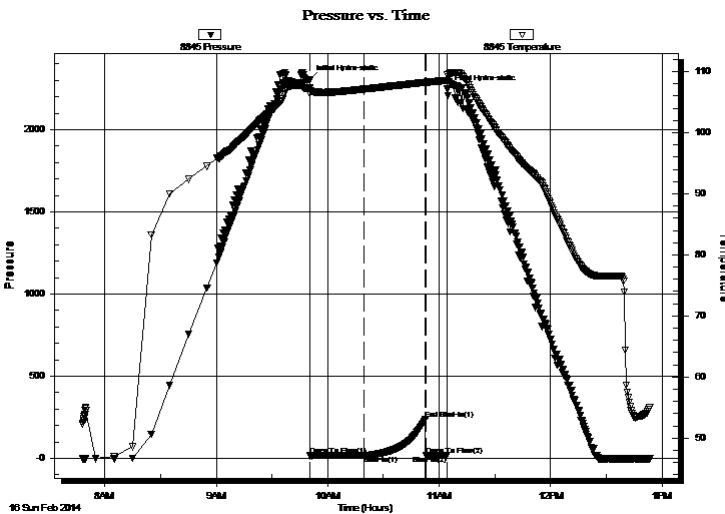
TEST COMMENT: IF: Weak Surface Blow Died @ 7 min.

IS: No Return.

FF: No Blow.

FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.54	107.27	Initial Hydro-static
1	16.43	106.34	Open To Flow (1)
30	18.52	107.11	Shut-In(1)
63	237.58	108.23	End Shut-In(1)
63	18.76	108.17	Open To Flow (2)
74	18.88	108.56	Shut-In(2)
75	2246.63	109.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	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.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56722

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.02.16 @ 07:48:00

## Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 65.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4678.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4651.00	
Shut In Tool	5.00			4656.00	
Hydraulic tool	5.00			4661.00	
Jars	5.00			4666.00	
Safety Joint	3.00			4669.00	
Packer	5.00			4674.00	28.00 Bottom Of Top Packer
Packer	4.00			4678.00	
Stubb	1.00			4679.00	
Recorder	0.00	6772	Outside	4679.00	
Recorder	0.00	8845	Inside	4679.00	
Perforations	3.00			4682.00	
Change Over Sub	1.00			4683.00	
Drill Pipe	31.00			4714.00	
Change Over Sub	1.00			4715.00	
Bullnose	5.00			4720.00	42.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56722

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.02.16 @ 07:48:00

## 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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud 100m	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbf

Num Fluid Samples: 0

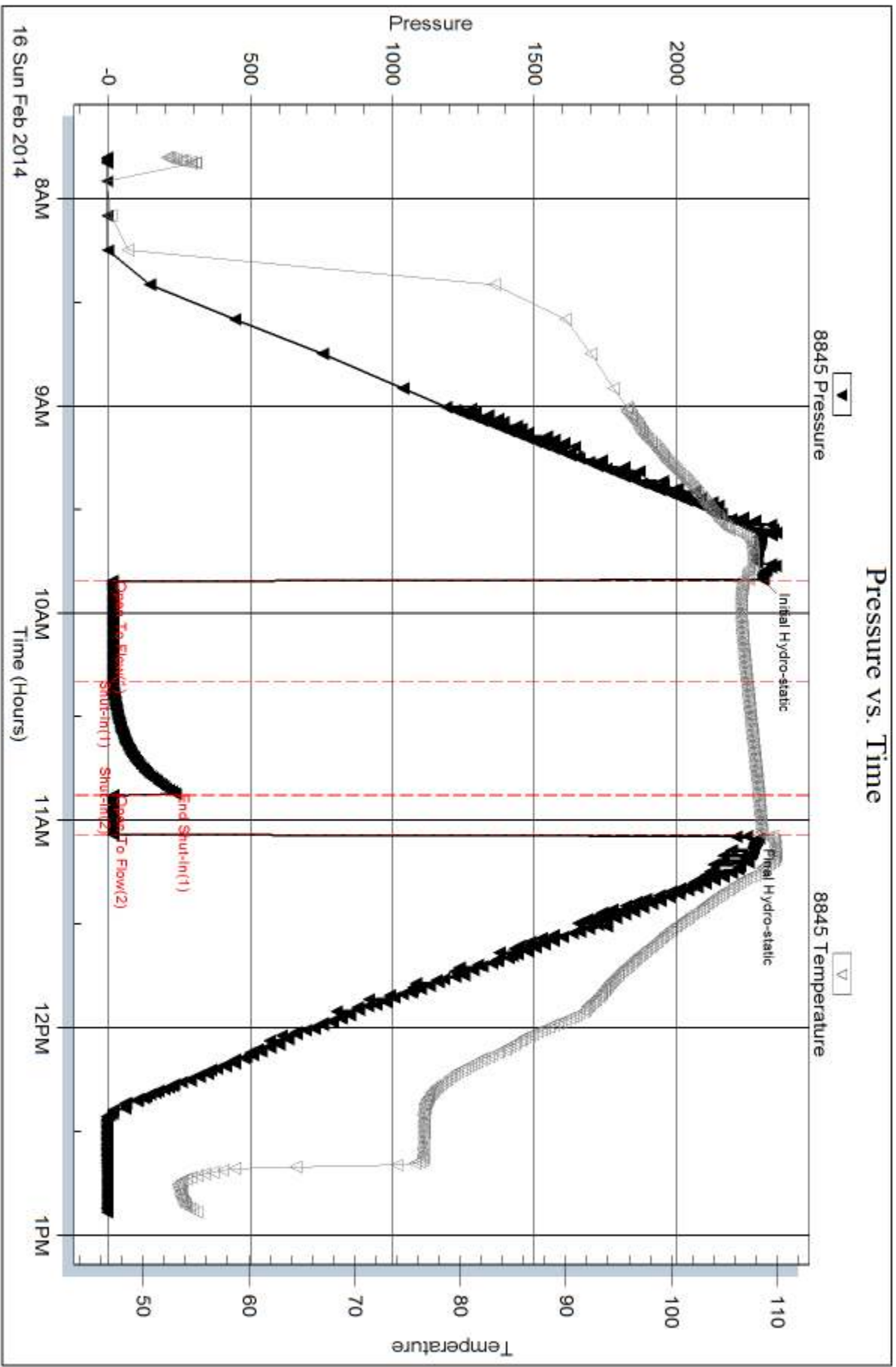
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

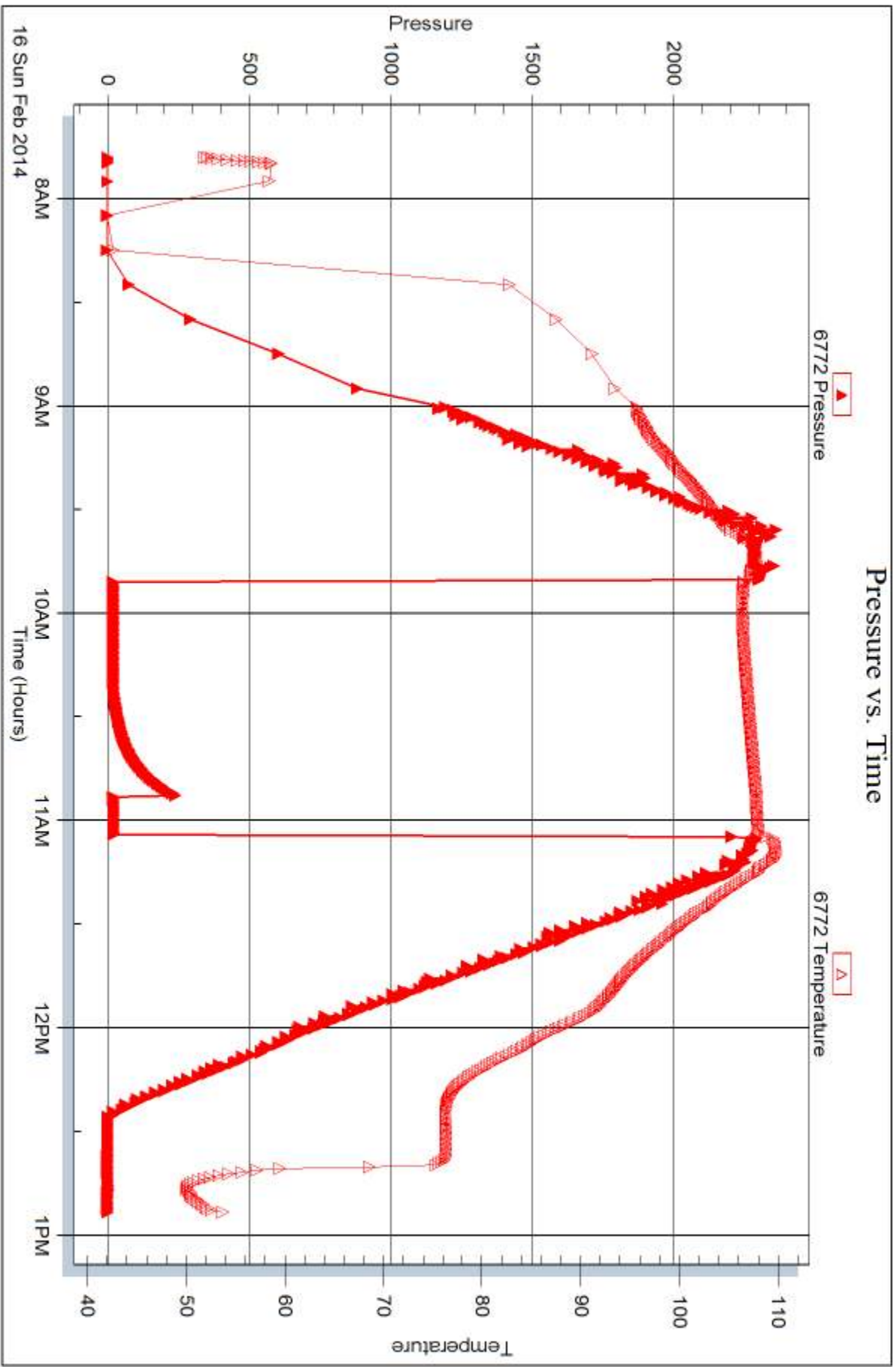


Serial #: 6772

Outside American Warrior, Inc.

Congdon #14-28

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56722

Printed: 2014.02.18 @ 14:19:20



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399  
Garden City, KS 67871

ATTN: Kevin Timson

### **Congdon #14-28**

#### **28-23s-32w Finney,KS**

Start Date: 2014.02.17 @ 03:17:00

End Date: 2014.02.17 @ 10:39:30

Job Ticket #: 56723                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.18 @ 14:18:28



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.  
PO Box 399  
Garden City, KS 67871  
ATTN: Kevin Timson

**28-23s-32w Finney, KS**

**Congdon #14-28**

Job Ticket: 56723

**DST#: 3**

Test Start: 2014.02.17 @ 03:17:00

## GENERAL INFORMATION:

Formation: **St. Louis**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:48:30  
 Time Test Ended: 10:39:30  
 Interval: **4780.00 ft (KB) To 4795.00 ft (KB) (TVD)**  
 Total Depth: 4795.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Sam Esparza  
 Unit No: 71  
 Reference Elevations: 2855.00 ft (KB)  
 2843.00 ft (CF)  
 KB to GR/CF: 12.00 ft

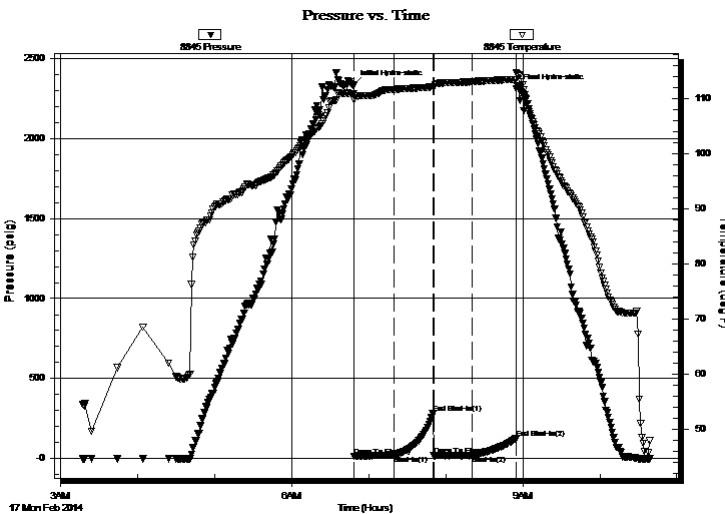
## Serial #: 8845

**Outside**

Press@RunDepth: 20.44 psig @ 4781.00 ft (KB)  
 Start Date: 2014.02.17 End Date: 2014.02.17  
 Start Time: 03:17:05 End Time: 10:39:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.02.17  
 Time On Btm: 2014.02.17 @ 06:48:15  
 Time Off Btm: 2014.02.17 @ 08:54:45

TEST COMMENT: IF: 1/4" Blow  
 IS: No Return.  
 FF: 1" Blow.  
 FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2335.41	110.95	Initial Hydro-static
1	12.69	109.73	Open To Flow (1)
31	19.18	111.61	Shut-In(1)
62	284.58	112.15	End Shut-In(1)
63	17.56	112.08	Open To Flow (2)
93	20.44	113.07	Shut-In(2)
127	123.82	113.51	End Shut-In(2)
127	2310.99	114.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m ( Oil Scum On Top )	0.21

\* 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.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56723

**DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.02.17 @ 03:17:00

## Tool Information

Drill Pipe:	Length: 4757.00 ft	Diameter: 3.80 inches	Volume: 66.73 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 66.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4780.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4753.00	
Shut In Tool	5.00			4758.00	
Hydraulic tool	5.00			4763.00	
Jars	5.00			4768.00	
Safety Joint	3.00			4771.00	
Packer	5.00			4776.00	28.00 Bottom Of Top Packer
Packer	4.00			4780.00	
Stubb	1.00			4781.00	
Recorder	0.00	6772	Outside	4781.00	
Recorder	0.00	8845	Outside	4781.00	
Perforations	9.00			4790.00	
Bullnose	5.00			4795.00	15.00 Bottom Packers & Anchor

**Total Tool Length: 43.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc.

**28-23s-32w Finney,KS**

PO Box 399  
Garden City, KS 67871

**Congdon #14-28**

Job Ticket: 56723

**DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.02.17 @ 03:17:00

## 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:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100m ( Oil Scum On Top )	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

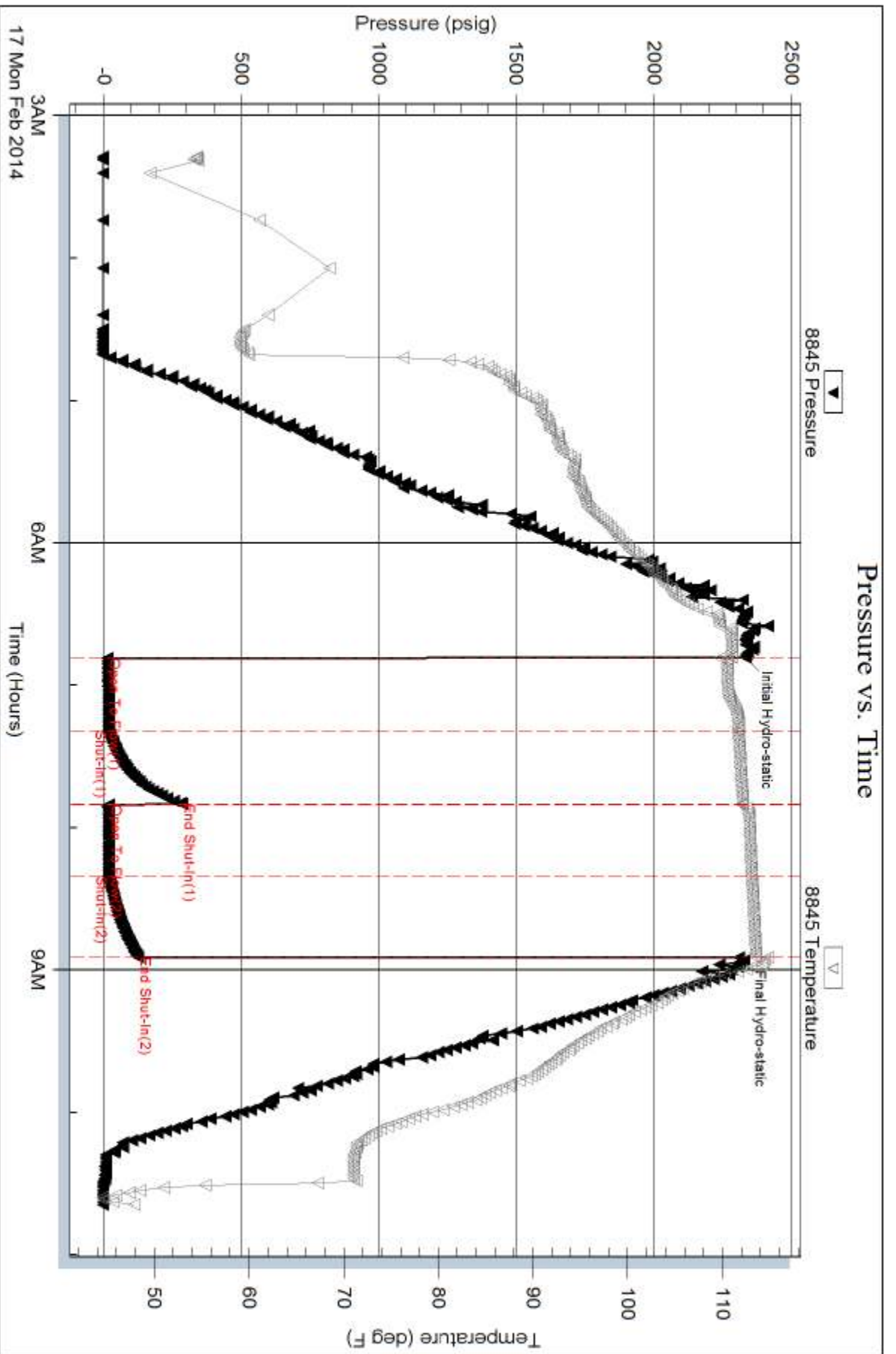
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



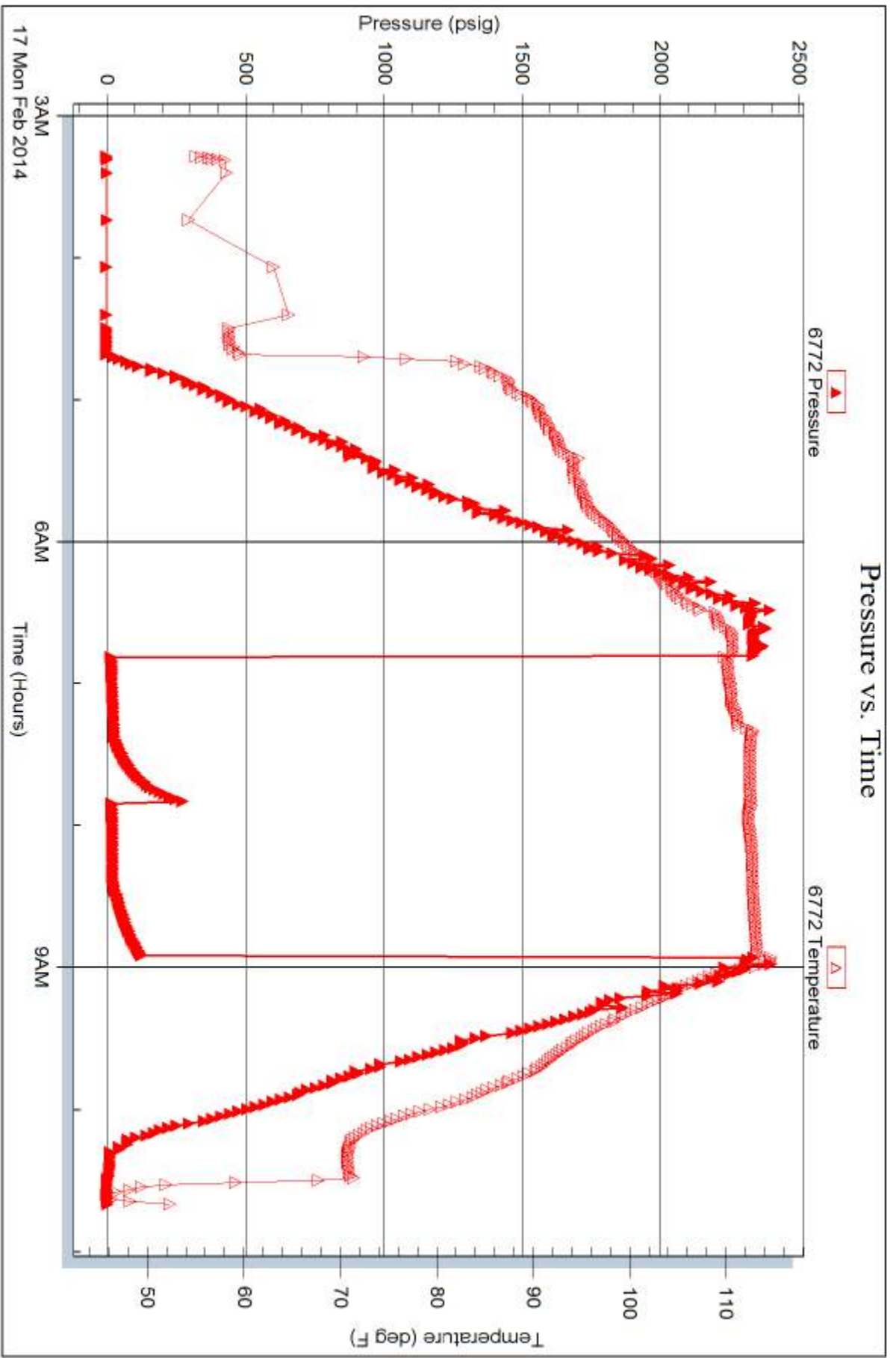


Serial #: 6772

Outside American Warrior, Inc.

Congdon #14-28

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56721

4/10

Well Name & No. Condon #14-28 Test No. 1 Date 2/11/14  
 Company American Warrior, Inc. Elevation 2855 KB 2843 GL  
 Address 3118 Cummings Rd PO Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #1  
 Location: Sec. 28 Twp. 23S Rge. 32W Co. Finney State KS

Interval Tested 4518-4536 Zone Tested Cherokee  
 Anchor Length 18' Drill Pipe Run 4510 Mud Wt. 9.2  
 Top Packer Depth 4514 Drill Collars Run Ø Vis 58  
 Bottom Packer Depth 4518 Wt. Pipe Run Ø WL 6.4  
 Total Depth 4536 Chlorides 2500 ppm System LCM 2

Blow Description IF: 1/4" Blow died @ 24 min.  
TST: No Return.  
FF: No Blow  
FSL: NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud (oil spots)</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 107 Gravity - API RW - @ - °F Chlorides - ppm  
 (A) Initial Hydrostatic 2007  Test 1250 T-On Location 22:30  
 (B) First Initial Flow 13  Jars 250 T-Started 23:47  
 (C) First Final Flow 13  Safety Joint 75 T-Open 3:02  
 (D) Initial Shut-In 22  Circ Sub N/C T-Pulled 4:26  
 (E) Second Initial Flow 15  Hourly Standby T-Out 6:48  
 (F) Second Final Flow 16  Mileage 72 3/4 111.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 16  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2160  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1686.60  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1686.60

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 10  
 Final Shut-In 10

Approved By \_\_\_\_\_ Our Representative 

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56722

4/10

Well Name & No. Cogdon #14-28 Test No. 2 Date 2/16/14  
 Company American Warrior, Inc. Elevation 2855 KB 2843 GL  
 Address 318 Cummings Rd Po Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #1  
 Location: Sec. 28 Twp. 23S Rge. 32W Co. Finney State KS

Interval Tested 4678-4720 Zone Tested Marrow  
 Anchor Length 42' Drill Pipe Run 4664 Mud Wt. 9.3  
 Top Packer Depth 4674 Drill Collars Run 0 Vis 54  
 Bottom Packer Depth 4678 Wt. Pipe Run 0 WL 6.4  
 Total Depth 4720 Chlorides 2800 ppm System LCM 2

Blow Description IF: Weak surface Blow died @ 7 min.  
ISI: NO Return.  
EF: NO Blow.  
FSL: NO Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 109 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>2303</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>7:30</u>
(B) First Initial Flow	<u>16</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>7:48</u>
(C) First Final Flow	<u>19</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>9:50</u>
(D) Initial Shut-In	<u>238</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>11:05</u>
(E) Second Initial Flow	<u>19</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>12:54</u>
(F) Second Final Flow	<u>19</u>	<input checked="" type="checkbox"/> Mileage	<u>72 RTT</u> 111.60	Comments	
(G) Final Shut-In	<u>N/A</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2247</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>10</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>25</u>
Final Shut-In	<u>Pull</u>	<input checked="" type="checkbox"/> Day Standby	<u>1d .75h</u>	Total	<u>1711.60</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1686.60</u>		

Approved By \_\_\_\_\_ 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.





# TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56723

Well Name & No. Condon #14-28 Test No. 3 Date 2/17/14  
 Company American Warrior, Inc. Elevation 2855 KB 2843 GL  
 Address 3118 Cummings RD PO Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #1  
 Location: Sec. 28 Twp. 23S Rge. 32W Co. Finney State KS

Interval Tested 4780-4795 Zone Tested St. Louis  
 Anchor Length 15' Drill Pipe Run 4757 Mud Wt. 9.4  
 Top Packer Depth 4776 Drill Collars Run 0 Vis 53  
 Bottom Packer Depth 4780 Wt. Pipe Run 0 WL 6.4  
 Total Depth 4795 Chlorides 2600 ppm System LCM 1

Blow Description IF: 1/4" Blow.  
ISI: NO Return.  
FF: 1" Blow  
FSD: NO Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud (0.1 scum on top)</u>			<u>100</u>	

Rec Total 15 BHT 124 Gravity   API RW   @   °F Chlorides   ppm

(A) Initial Hydrostatic <u>2335</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>2:50</u>
(B) First Initial Flow <u>13</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>3:17</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>6:49</u>
(D) Initial Shut-In <u>285</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u><del>8:55</del> 8:55</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:10</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>22 RT</u> 111.60	Comments <u>Loaded Tools</u>
(G) Final Shut-In <u>124</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2311</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Packer
Final Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder
	<input type="checkbox"/> Extra Packer
	<input type="checkbox"/> Extra Recorder
	<input type="checkbox"/> Day Standby
	<input type="checkbox"/> Accessibility
Sub Total <u>1686.60</u>	MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

Tribolite 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.

# **Geological Report**

American Warrior, Inc.

## **Congdon #14-28**

2290' FSL & 2250' FEL

Sec. 28, T23s, R32w

Finney County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Congdon #14-28  
2290' FSL & 2250' FEL  
Sec. 28, T23s, R32w  
Finney County, Kansas  
API # 15-055-22277-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: February 8, 2014

Completion Date: February 17, 2014

Elevation 2843' G.L.  
2855' K.B.

Directions: From Garden City, KS, at the intersection of Mary St. and Jennie Barker St. Go North on Jennie Barker 2 miles to Rodkey Rd. Go West ¼ mile on Rodkey and NNW into location.

Casing: 1742' 8 5/8" #24 Surface Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: None

Drillstem Tests: Three-Trilobite Testing "Sam Esparza"

Problems: None

## Formation Tops

Congdon #14-28

Sec. 28, T23s, R32w

2290' FSL & 2250' FEL

<b>Heebner</b>	<b>3836' -981</b>
<b>Lansing</b>	<b>3879' -1024</b>
<b>Stark</b>	<b>4242' -1387</b>
<b>Bkc</b>	<b>4395' -1540</b>
<b>Marmaton</b>	<b>4423' -1568</b>
<b>Pawnee</b>	<b>4477' -1622</b>
<b>Fort Scott</b>	<b>4509' -1654</b>
<b>Cherokee</b>	<b>4520' -1665</b>
<b>Morrow</b>	<b>4686' -1831</b>
<b>Mississippian</b>	<b>4710' -1855</b>
<b>RTD</b>	<b>4798' -1943</b>

### Sample Zone Descriptions

**Cherokee** (4520', -1665): Covered in DST #1

Ls. Tan. Medium to sub crystalline. Fair oolytic and oolycastic porosity. Fair stain. Fair saturation. Show of free oil when broken. Fair odor. 35 Unit gas kick.

**Morrow** (4686', -1831): Covered in DST #2

Ss. Grey glauconitic. Fine to medium grain. Poor to moderately rounded. Dirty. Poor stain. Fair saturation. Show of free oil when broken. Fair odor. 10 Unit gas kick.

**St. Louis** (4710',-1855): Covered in DST #3

Ls. Off-White, Tan. Sub-Med crystalline. Fair oolycastic and oomodlic porosity. Fair stain and fair saturation in porosity. Show of free oil when broken. Fair odor. 10 Unit gas kick.



## Drill Stem Tests

Trilobite Testing

“Sam Esparza”

### DST #1

#### Cherokee

Interval (4518' - 4536') Anchor Length 18'

IHP - 2207 #

IFP - 30" – ¼" blow died in 24 min 13-15 #

ISI - 30" – No return 22 #

FFP - 10" – No blow 15-16 #

FSIP - 10" – No return 16 #

FHP - 2160 #

BHT - 107° F

Recovery: 5' Mud with oil spots

### DST #2

#### Morrow

Interval (4678' – 4720') Anchor Length 42'

IHP - 2303 #

IFP - 30" – WSB died in 7 min 16-19 #

ISI - 30" – No return 238 #

FFP - 10" – No blow 19-19 #

FSIP - Pull Tool NA

FHP - 2247 #

BHT - 109° F

Recovery: 5' Mud

### DST #3

#### St. Louis

Interval (4780' – 4795') Anchor Length 15'

IHP - 2335 #

IFP - 30" – ¼" blow 13-19 #

ISI - 30" – No return 285 #

FFP - 30" – 1" blow 18-20 #

FSIP - 30" – No return 124 #

FHP - 2311 #

BHT - 124° F

Recovery: 15' Mud with oil scum on top

## Structural Comparison

	American Warrior, Inc. Congdon #14-28 Sec. 28, T23s, R32w 2290' FSL & 2250' FEL		American Warrior, Inc. Congdon #12-28 Sec. 28, T23s, R32w 1380' FSL & 2566' FEL		American Warrior, Inc. Congdon #6-28 Sec 28, T23s, R32w 942' FSL & 1745' FEL
<b>Formation</b>					
Heebner	3836' -981	+7	3841' -989	+11	3845' -992
Lansing	3879' -1024	+8	3884' -1032	+12	3889' -1036
Stark	4242' -1387	+13	4252' -1400	+12	4252' -1399
BKC	4395' -1540	+15	4407' -1555	+7	4400' -1547
Marmaton	4423' -1568	+18	4448' -1596	+6	4427' -1574
Pawnee	4477' -1622	+12	4486' -1634	+4	4479' -1626
Fort Scott	4509' -1654	+9	4515' -1663	+6	4513' -1660
Cherokee	4520' -1665	+10	4527' -1675	+8	4526' -1673
Morrow	4686' -1831	+11	4694' -1842	+9	4693' -1840
Miss	4710' -1855	+15	4722' -1870	+4	4712' -1859

### Summary

The location for the Congdon #14-28 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem test was conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Congdon #14-28 well.

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.

