



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1197380  
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: \_\_\_\_\_

1197380

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

<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> _____ <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	Neeley 10-33
Doc ID	1197380

Tops

Name	Top	Datum
Anhy	1895'	+965
B/Anhy	1975'	+885
Heebner	3891'	-1031
Lansing	3936'	-1076
B/KC	4443'	-1583
Marmaton	4471'	-1611
Pawnee	4548'	-1688
Morrow	4760'	-1900
Mississippian	4781'	-1921









## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Kevin Timson

**Neeley #10-33**

**33-23s-32w Finney,KS**

Start Date: 2014.02.27 @ 16:08:00

End Date: 2014.02.27 @ 23:14:27

Job Ticket #: 56312                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.03 @ 15:39:56







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**33-23s-32w Finney,KS**  
**Neeley #10-33**  
Job Ticket: 56312      **DST#: 1**  
Test Start: 2014.02.27 @ 16:08:00

## Tool Information

Drill Pipe:	Length: 4520.00 ft	Diameter: 3.80 inches	Volume: 63.40 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:	32000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	6000.00 lb
			<u>Total Volume: 64.58 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4757.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	59.00 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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Change Over Sub	1.00			4731.00	
Shut In Tool	5.00			4736.00	
Hydraulic tool	5.00			4741.00	
Jars	5.00			4746.00	
Safety Joint	2.00			4748.00	
Packer	5.00			4753.00	27.00      Bottom Of Top Packer
Packer	4.00			4757.00	
Stubb	1.00			4758.00	
Perforations	1.00			4759.00	
Recorder	0.00	8355	Outside	4759.00	
Recorder	0.00	8674	Inside	4759.00	
Perforations	25.00			4784.00	
Bullnose	5.00			4789.00	32.00      Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**33-23s-32w Finney,KS**  
**Neeley #10-33**  
Job Ticket: 56312      **DST#: 1**  
Test Start: 2014.02.27 @ 16:08:00

## 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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.35 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% m with a Skim of Oil on Top	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

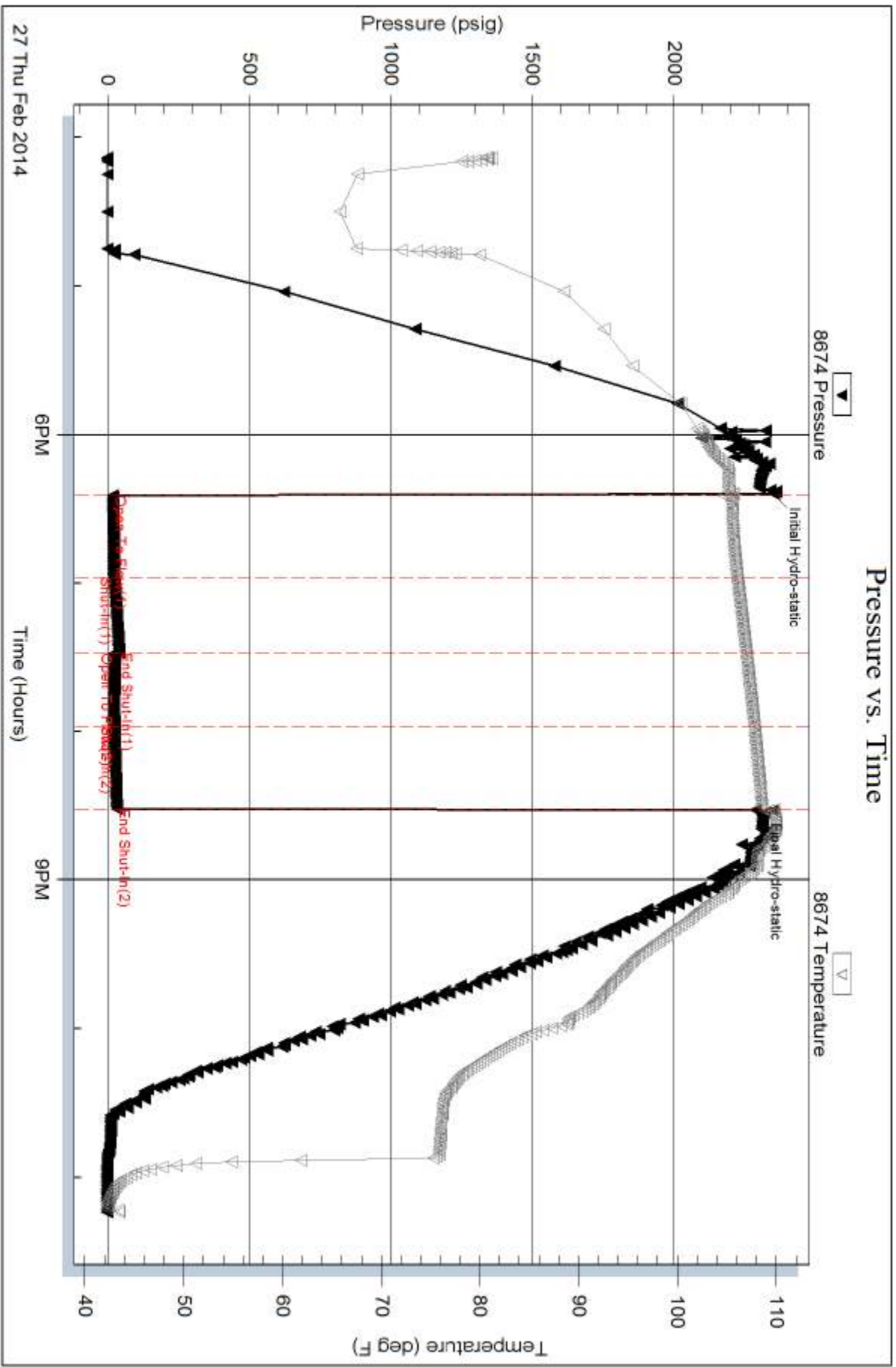
Serial #: 8674

Inside

American Warrior Inc

Neeley #10-33

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56312

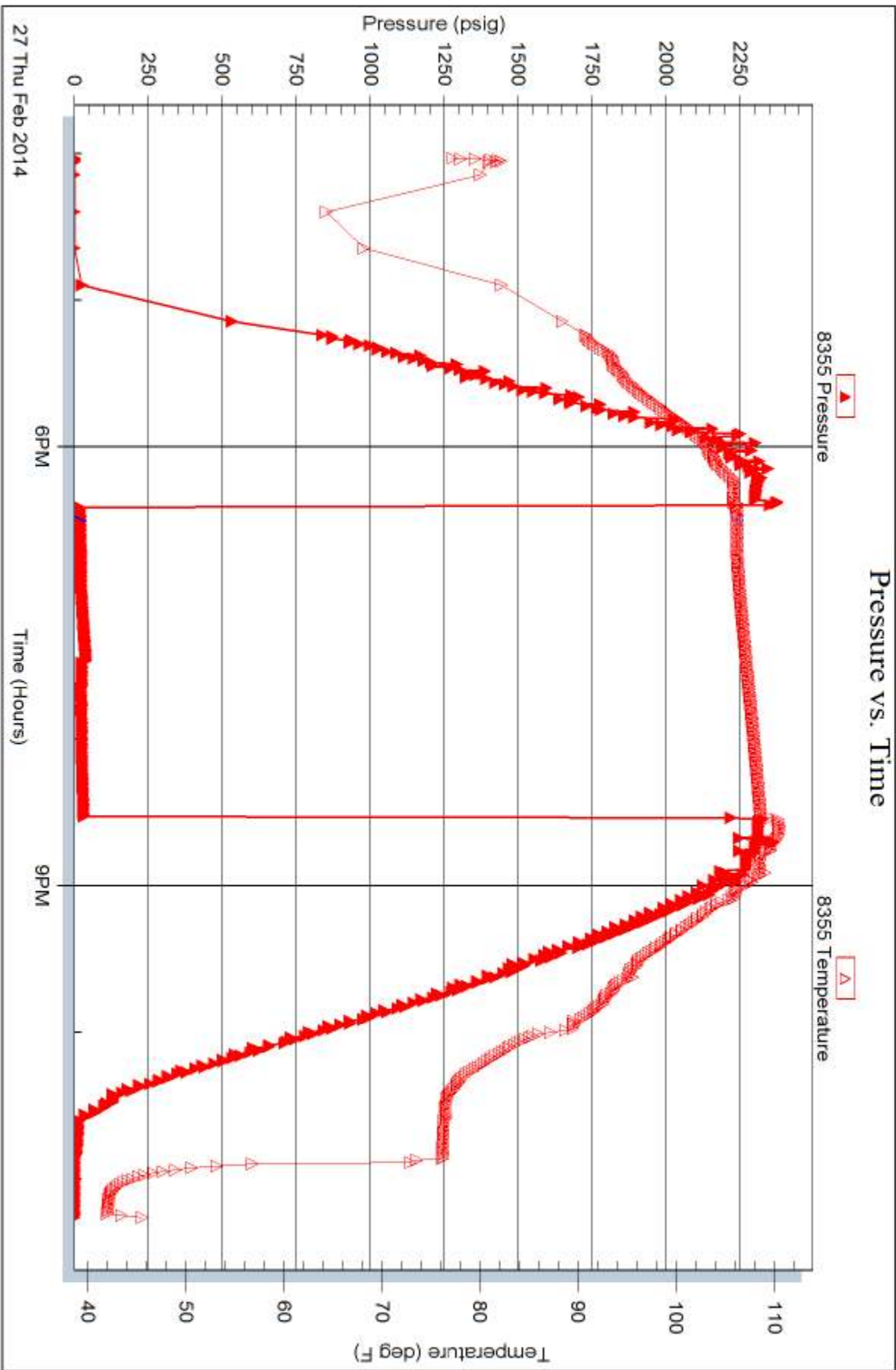
Printed: 2014.03.03 @ 15:39:58

Serial #: 8355

Outside American Warrior Inc

Neeley #10-33

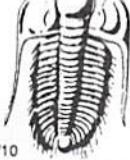
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56312

Printed: 2014.03.03 @ 15:39:58



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56312

Well Name & No. Neeley #10-33 Test No. DST #1 Date 2-27-14  
 Company American Warrior Inc Elevation 2860 KB 2849 GL  
 Address P.O. Box 399 Garden City KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #5  
 Location: Sec. 33 Twp. 23s Rge. 32w Co. Finney State KS

Interval Tested 4757-4789 Zone Tested Morrow  
 Anchor Length 32 Drill Pipe Run 4520 Mud Wt. 9.2  
 Top Packer Depth 4753 Drill Collars Run 240 Vis 59  
 Bottom Packer Depth 4757 Wt. Pipe Run 0 WL 8.4  
 Total Depth 4789 Chlorides 1900 ppm System LCM 216  
 Blow Description IF- Weak Surface Blow 4"  
ISI- No Blow  
FF- No Blow  
FSI- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud with a skin of oil on top</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	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 110 Gravity API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic <u>2350</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>14:44</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:08</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:24</u>
(D) Initial Shut-In <u>40</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>20:31</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:14</u>
(F) Second Final Flow <u>24</u>	<input checked="" type="checkbox"/> Mileage <u>72 RIT</u> <u>111.60</u>	Comments
(G) Final Shut-In <u>32</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2284</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1686.60</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1686.60</u>	

Approved By \_\_\_\_\_ Our Representative Bill Mar

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.

# **Geological Report**

American Warrior, Inc.

**Neeley #10-33**

1197' FSL & 339' FEL

Sec. 33, T23s, R32w

Finney County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Neeley #10-33  
1197' FSL & 339' FEL  
Sec. 33, T23s, R32w  
Finney County, Kansas  
API # 15-055-22278-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: February 20, 2014

Completion Date: March 1, 2014

Elevation 2831' G.L.  
2842' K.B.

Directions: From Garden City, KS, at the intersection of Mary St. and Jennie Barker St. Go North on Jennie Barker one mile and West/North into location.

Casing: 1746' 8 5/8" #24 Surface Casing

Samples: 4500' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: Pioneer Energy Services "Y. Ruiz"  
Full Sweep

Drillstem Tests: One-Trilobite Testing "Will MacLean"

Problems: None

## Formation Tops

Neeley #10-33

Sec. 33, T23s, R32w

1197' FSL & 339' FEL

Anhydrite	1895' +965
Base	1975' +885
Heebner	3891' -1031
Lansing	3936' -1076
Stark	4308' -1448
Bkc	4443' -1583
Marmaton	4471' -1611
Pawnee	4548' -1688
Fort Scott	4579' -1719
Cherokee	4591' -1731
Morrow	4760' -1900
Miss	4781' -1921
RTD	4900' -2040
LTD	4900' -2040

## Sample Zone Descriptions

**Morrow** (4689',-1847): Covered in DST #1

Ss. Grey. Fine to medium grain. Moderately sorted and well rounded. Good stain and good saturation. Good show of free oil when broken. Fair odor. Glauconitic. 40 Units hotwire.

**Drill Stem Tests**  
 Trilobite Testing  
 "Will MacLean"

**DST #1**

**Morrow**

Interval (4757' - 4789') Anchor Length 32'

IHP	-2350 #	
IFP	- 30" – WSB built to 1/4"	18-23#
ISI	- 30" – No Return	40 #
FFP	- 30" – No blow	24-24 #
FSIP	- 30" – No Return	32 #
FHP	- 2284 #	
BHT	- 110° F	
Recovery:	5' Mud with skim of oil	

**Structural Comparison**

	American Warrior, Inc. Neeley #10-33 Sec. 33, T23s, R32w 1197' FSL & 339' FEL		Amoco Production Co. SW Neeley #1 Sec. 33, T23s, R32w C SW NE		American Warrior, Inc. Neeley #9-33 Sec 33, T23s, R32w 346' FNL & 1662' FEL
<b>Formation</b>					
Heebner	3891' -1031	-33	3838' -998	-36	3837' -995
Lansing	3936' -1076	-35	3881' -1041	-37	3881' -1039
Stark	4308' -1448	-45	4243' -1403	-43	4247' -1405
BKC	4443' -1583	-46	4377' -1537	-48	4377' -1535
Marmaton	4471' -1611	-48	4403' -1563	-47	4406' -1564
Pawnee	4548' -1688	-45	4483' -1643	-50	4480' -1638
Fort Scott	4579' -1719	-50	4509' -1669	-55	4506' -1664
Cherokee	4591' -1731	-52	4519' -1679	-65	4518' -1676
Morrow	4760' -1900	-47	4693' -1853	-53	4689' -1847
Miss	4781' -1921	-20	4741' -1901	-54	4709' -1867

## **Summary**

The location for the Neeley #10-33 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem was conducted, which did not recover commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Neeley #10-33 well.

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.