



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1203632  
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: \_\_\_\_\_

1203632

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)* \_\_\_\_\_

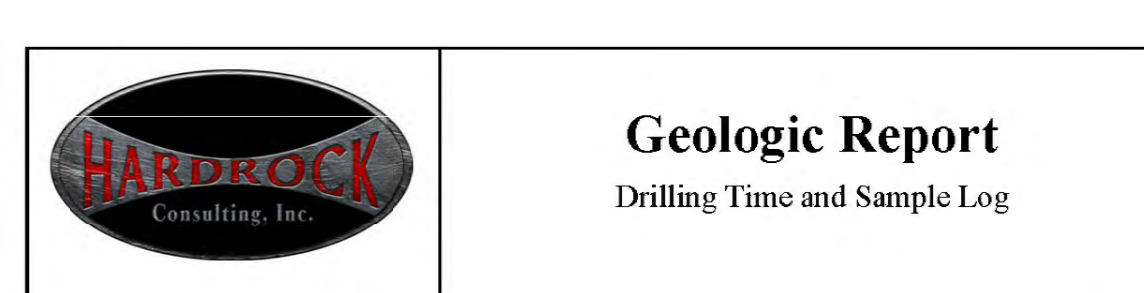
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<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	Denise 1-33
Doc ID	1203632

Tops

Name	Top	Datum
Anhydrite	1425	729
Heebner	3594	-1440
Lansing	3638	-1484
Base Kansas City	3952	-1798
Pawnee	4024	-1870
Ft. Scott	4100	-1946
Cherokee	4117	-1963
Mississippian	4195	-2041
TD	4212	-2055



# Geologic Report

Drilling Time and Sample Log

Operator <b>American Warrior, Inc.</b>		KB Elevation DF 2154'
Lease <b>Denise</b> No. <b>1-33</b>		GL 2146'
API # <b>15-135-25700-0000</b>		Casing Record Surface 8 5/8" @ 222'
Field <b>Thistle Grove Southwest</b>		Production 5 1/2" @ 4211'
Location <b>1850' FSL &amp; 2240' FWL</b>		Electrical Surveys CNL/CDL, DIL
Sec. <b>33</b>	Twp. <b>17s</b>	Rge. <b>21w</b>
County <b>Ness</b>	State <b>Kansas</b>	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite Base	1425' +729	1425' +729	-5
Heebner	3594' -1440	3594' -1440	-1
Lansing	3638' -1484	3640' -1486	+2
BKc	3952' -1798	3954' -1800	
Pawnee	4024' -1870	4024' -1870	-1
Fort Scott	4100' -1946	4100' -1946	-1
Cherokee	4117' -1963	4117' -1963	-3
Mississippian	4195' -2041	4196' -2042	-1
Total Depth	4212' -2055	4210' -2053	

Reference Well For Structural Comparison **Mull Drilling Co. Casey #1**  
C NW SW Sec. 33 T17s R21w Ness Co. Kansas

Drilling Contractor	Discovery Drilling Co. Inc.	Rig #3
Commenced	11-25-2013	Completed 12-3-2013
Samples Saved From	3900'	To RTD
Drilling Time Kept From	3500'	To RTD
Samples Examined From	3900'	To RTD
Geological Supervision From	3900'	To RTD

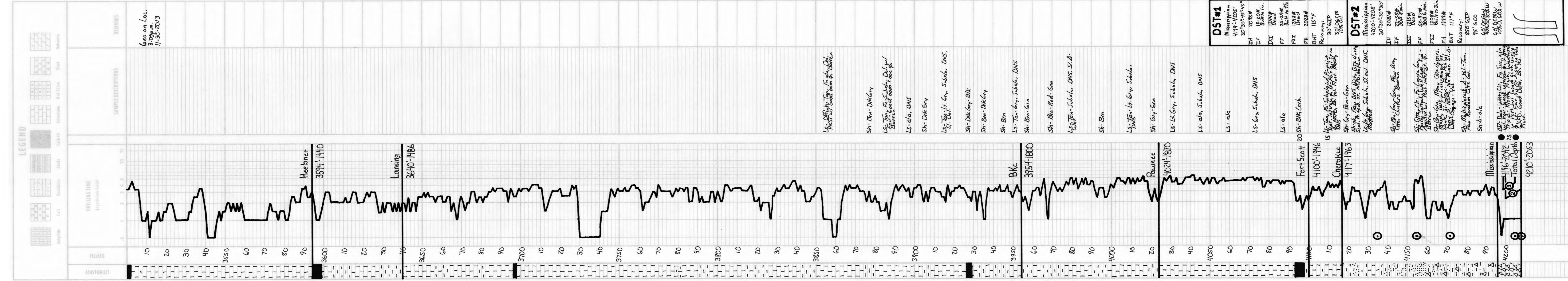
Displacement 3400' Mud Type Chemical

## Summary and Recommendations

The location for the Denise #1-33 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Denise #1-33 well.

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.



DST #1		DST #2	
Mississippian	4199'-4205'	Mississippian	4200'-4208'
30° 30' 45" 45"		30° 30' 30" 30"	
20 95#	18-20#	208#	
IF	Bolt to 1/2"	IF	22 5/8#
ISI	1244#	ISI	1815#
FF	25-29#	FF	58-97#
FSI	Bolt to 1/2"	FSI	80 B 6 min.
FH	2028#	FH	16-17# 3 in
BHT	115°F	BHT	117°F
Recovery:	30' 0.69M	Recovery:	850' GIP
	10% oil		95' 600
			40' 0.69M
			50' 0.69M
			60' 0.69M

Respectfully,  
Jason T Alm  
12-4-2013

# **Geological Report**

American Warrior, Inc.

**Denise #1-33**

1850' FSL & 2240' FWL

Sec. 33 T17s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Denise #1-33  
1850' FSL & 2240' FWL  
Sec. 33 T17s R21w  
Ness County, Kansas  
API # 15-135-25700-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #3

Geologist: Jason T Alm

Spud Date: November 25, 2013

Completion Date: December 3, 2013

Elevation: 2146' Ground Level  
2154' Kelly Bushing

Directions: Bazine KS, 2 mi. East to FF Rd. 5 ½ mi. North, East  
into location.

Casing: 222' 8 5/8" surface casing  
4211' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Pioneer Energy Services "Dan Schmidt"  
CNL/CNL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Andy Carreira"

Problems: None

Remarks: Test tool plugged during DST #1. Tool was flushed  
but there was still plugging action throughout the  
final flow.

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc.</b>
	<b>Denise #1-33</b>
	<b>Sec. 33 T17s R21w</b>
	<b>1850' FSL &amp; 2240' FWL</b>
Anhydrite	<b>1425', +729</b>
Base	<b>1462', +692</b>
Heebner	<b>3594', -1440</b>
Lansing	<b>3638', -1484</b>
BKc	<b>3952', -1798</b>
Pawnee	<b>4024', -1870</b>
Fort Scott	<b>4100', -1946</b>
Cherokee	<b>4117', -1963</b>
Mississippian	<b>4195', -2041</b>
LTD	<b>4212', -2055</b>
RTD	<b>4210', -2053</b>

## Sample Zone Descriptions

**Mississippian Osage (4195', -2041):            Covered in DST #1,2**

Δ-Dolo- Fine sucrosic crystalline with fair to good inter-crystalline porosity, very heavy slightly trip mostly fresh chert, weathered in part with good scattered vuggy porosity, light to fair oil stain and saturation in dolomite, good show of free oil, good odor, bright yellow fluorescents, 75 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Andy Carreira"

**DST #1**

**Mississippian Osage**

Interval (4199' – 4205') Anchor Length 6'

IHP	– 2095 #	
IFP	– 30" – Built to 1 in.	18-20 #
ISI	– 30" – Dead	1244 #
FFP	– 45" – Built to 4 ½ in.	25-29 #
FSI	– 45" – Dead	1248 #
FHP	– 2028 #	
BHT	– 115°F	

Recovery: 30' GIP  
 30' OGCM 10% Oil

**DST #2**

**Mississippian Osage**

Interval (4200' – 4208') Anchor Length 8'

IHP	– 2081 #	
IFP	– 30" – B.O.B. 8 min.	22-58 #
ISI	– 30" – Dead	1215 #
FFP	– 30" – B.O.B. 6 min.	58-97 #
FSI	– 30" – Built to 3 in.	1248 #
FHP	– 1999 #	
BHT	– 117°F	

Recovery: 850' GIP  
 95' GCO  
 60' OCGW 40% Oil, 50% Water  
 60' OCMW 10% Oil, 60% Water

**Structural Comparison**

	American Warrior, Inc. Denise #1-33 Sec. 33 T17s R21w 1850' FSL & 2240' FWL		Mull Drilling Co. Casey #1 Sec. 33 T17s R21w C NW SW		Ensign Operating Co. Casey #1-33 Sec. 33 T17s R21w 2310' FSL & 1650' FWL	
<b>Formation</b>						
Anhydrite	<b>1425', +729</b>		1434', +734	<b>(-5)</b>	1440', +729	<b>FL</b>
Base	<b>1462', +692</b>		NA	<b>NA</b>	NA	<b>NA</b>
Heebner	<b>3594', -1440</b>		3607', -1439	<b>(-1)</b>	3607', -1438	<b>(-2)</b>
Lansing	<b>3638', -1484</b>		3654', -1486	<b>(+2)</b>	3651', -1482	<b>(-2)</b>
BKc	<b>3952', -1798</b>		NA	<b>NA</b>	NA	<b>NA</b>
Pawnee	<b>4024', -1870</b>		4037', -1869	<b>(-1)</b>	4040', -1871	<b>(+1)</b>
Fort Scott	<b>4100', -1946</b>		4113', -1945	<b>(-1)</b>	4116', -1947	<b>(+1)</b>
Cherokee	<b>4117', -1963</b>		4128', -1960	<b>(-3)</b>	4133', -1964	<b>(+1)</b>
Mississippian	<b>4195', -2041</b>		4208', -2040	<b>(-1)</b>	NA	<b>NA</b>



## Summary

The location for the Denise #1-33 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Denise #1-33 well.

### Recommended Perforations

**Primary:**

<b>Mississippian Osage</b>	<b>(4196' – 4210')</b>	<b>DST #1,2</b>
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**Before Abandonment:**

<b>Cherokee "B" Sand</b>	<b>(4136' – 4139')</b>	<b>Not Tested</b>
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<b>Fort Scott</b>	<b>(4104' – 4107')</b>	<b>Not Tested</b>
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Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.



## DRILL STEM TEST REPORT

Prepared For: **American Warrior inc.**

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

### **Denise #1-33**

### **33-17s-21w Ness,KS**

Start Date: 2013.12.02 @ 08:07:01

End Date: 2013.12.02 @ 14:51:30

Job Ticket #: 54348                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.12.05 @ 11:58:35



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

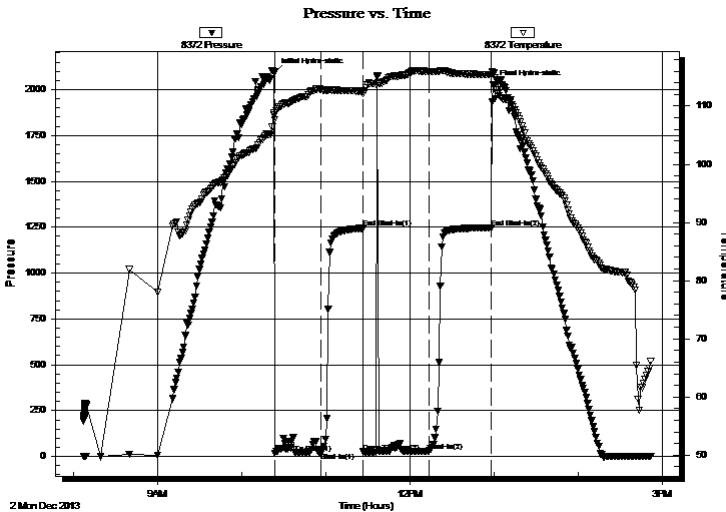
**33-17s-21w Ness,KS**  
**Denise #1-33**  
Job Ticket: 54348 **DST#: 1**  
Test Start: 2013.12.02 @ 08:07:01

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:23:30  
Time Test Ended: 14:51:30  
Interval: **4199.00 ft (KB) To 4205.00 ft (KB) (TVD)**  
Total Depth: 4205.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Andy Carreira  
Unit No: 68  
Reference Elevations: 2154.00 ft (KB)  
2146.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8372 Inside**  
Press@RunDepth: 29.25 psig @ 4200.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.12.02 End Date: 2013.12.02 Last Calib.: 2013.12.02  
Start Time: 08:07:01 End Time: 14:51:30 Time On Btm: 2013.12.02 @ 10:23:00  
Time Off Btm: 2013.12.02 @ 12:59:00

**TEST COMMENT:** IF:(30min) Surging blow built to 1"  
IS:(30min) No Return  
FF:(45min) 1" blow in 7 min. Flushed, Surged, 2" blow in 3 min. Built to 4.5"  
FS:(45min) No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2094.94	108.76	Initial Hydro-static
1	18.52	107.63	Open To Flow (1)
34	20.83	112.83	Shut-In(1)
63	1244.20	112.59	End Shut-In(1)
64	25.11	112.11	Open To Flow (2)
110	29.25	115.92	Shut-In(2)
155	1248.07	115.40	End Shut-In(2)
156	2027.78	115.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCGM g=5% o=10% m=85%	0.42
0.00	GIP=30 ft	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: Jason Alm

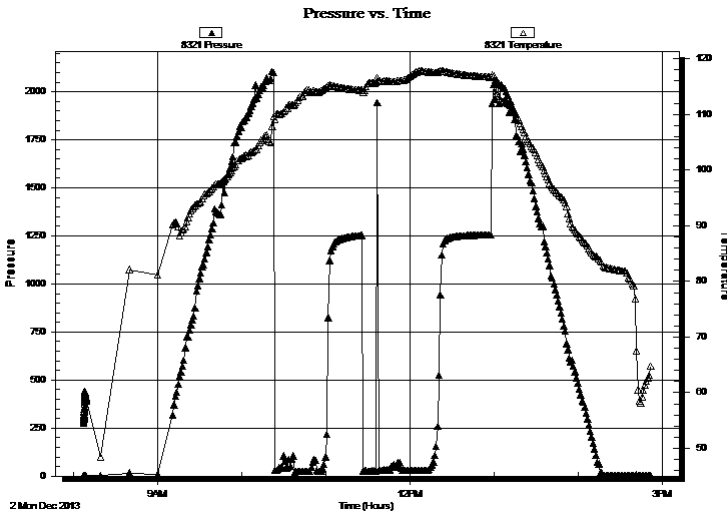
**33-17s-21w Ness, KS**  
**Denise #1-33**  
 Job Ticket: 54348 **DST#: 1**  
 Test Start: 2013.12.02 @ 08:07:01

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:23:30  
 Time Test Ended: 14:51:30  
 Interval: **4199.00 ft (KB) To 4205.00 ft (KB) (TVD)**  
 Total Depth: 4205.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Andy Carreira  
 Unit No: 68  
 Reference Elevations: 2154.00 ft (KB)  
 2146.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8321 Outside**  
 Press@RunDepth: psig @ 4200.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.12.02 End Date: 2013.12.02 Last Calib.: 2013.12.02  
 Start Time: 08:07:01 End Time: 14:51:30 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF:(30min) Surging blow built to 1"  
 IS:(30min) No Return  
 FF:(45min) 1" blow in 7 min. Flushed, Surged, 2" blow in 3 min. Built to 4.5"  
 FS:(45min) No Return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCGM g=5% o=10% m=85%	0.42
0.00	GIP=30 ft	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior inc.

**33-17s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Denise #1-33**

Job Ticket: 54348

**DST#: 1**

ATTN: Jason Alm

Test Start: 2013.12.02 @ 08:07:01

## Tool Information

Drill Pipe:	Length: 4180.00 ft	Diameter: 3.80 inches	Volume: 58.63 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.63 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4199.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	34.00 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			4172.00	
Shut In Tool	5.00			4177.00	
Hydraulic tool	5.00			4182.00	
Jars	5.00			4187.00	
Safety Joint	3.00			4190.00	
Packer	5.00			4195.00	28.00 Bottom Of Top Packer
Packer	4.00			4199.00	
Stubb	1.00			4200.00	
Recorder	0.00	8372	Inside	4200.00	
Recorder	0.00	8321	Outside	4200.00	
Perforations	2.00			4202.00	
Bullnose	3.00			4205.00	6.00 Bottom Packers & Anchor

**Total Tool Length: 34.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior inc.

**33-17s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Denise #1-33**

Job Ticket: 54348

**DST#: 1**

ATTN: Jason Alm

Test Start: 2013.12.02 @ 08:07:01

### 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: 65.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 7300.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCGM g=5% o=10% m=85%	0.421
0.00	GIP=30 ft	0.000

Total Length: 30.00 ft      Total Volume: 0.421 bbl

Num Fluid Samples: 0

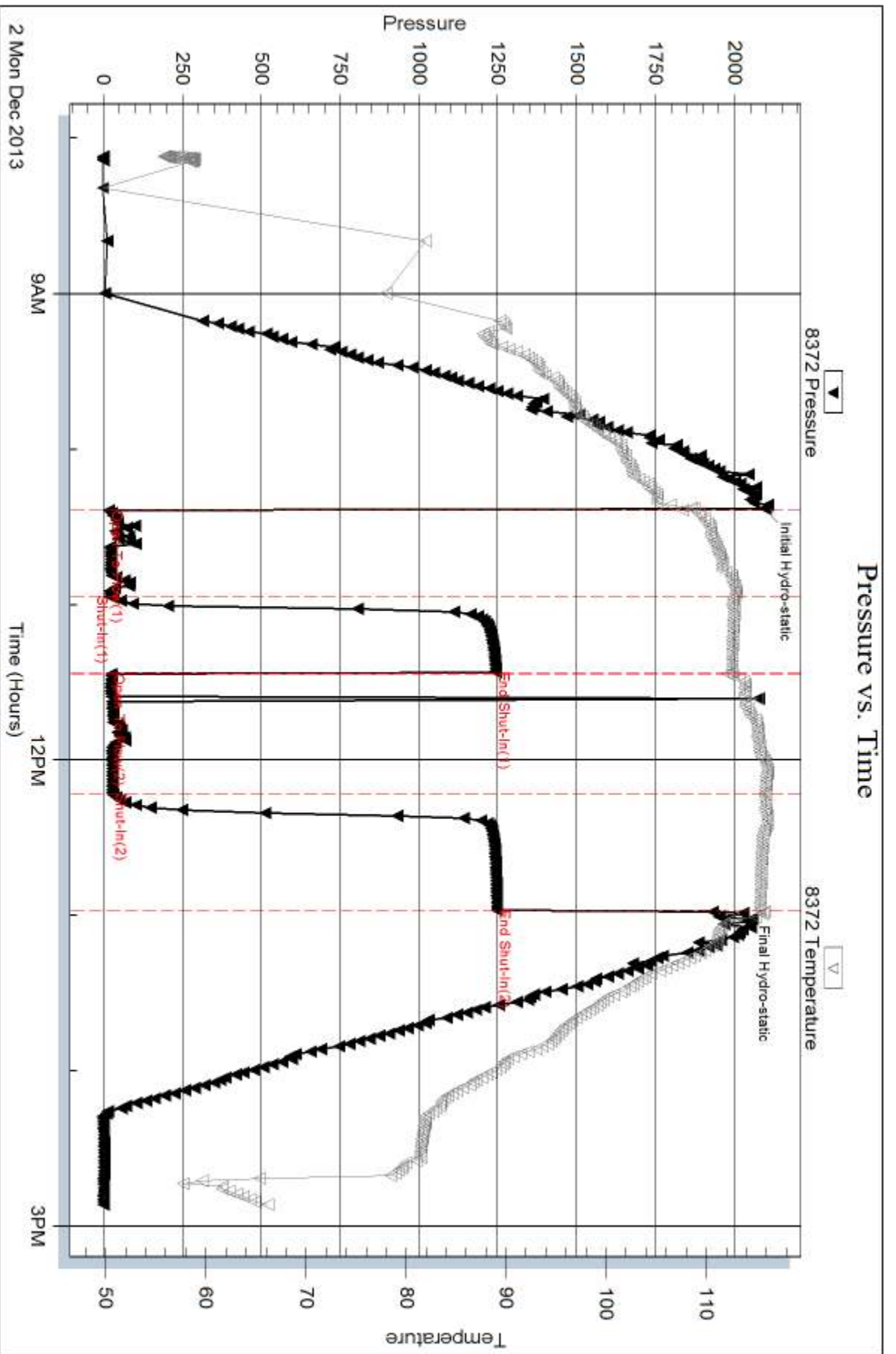
Num Gas Bombs: 0

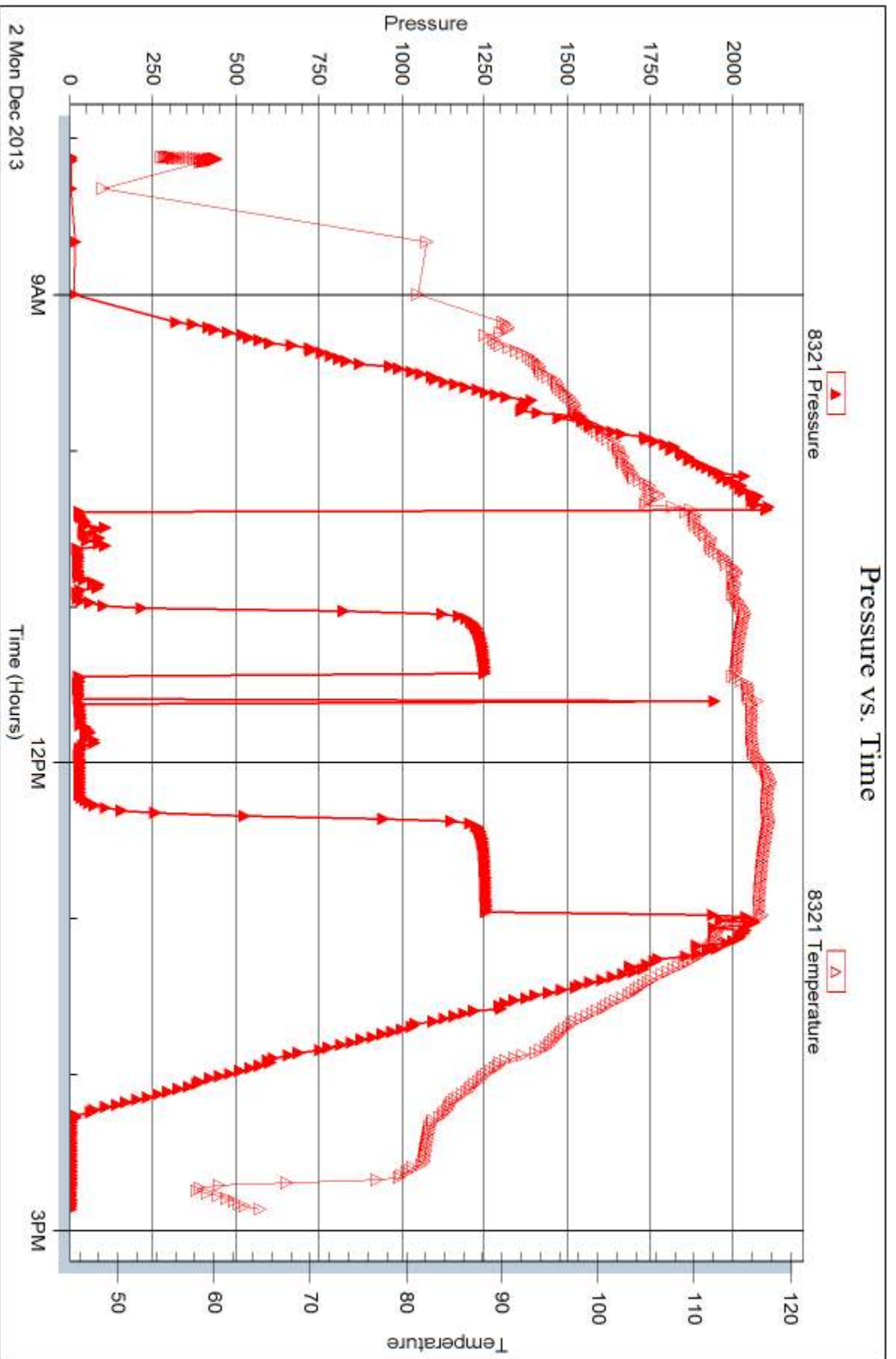
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:









## DRILL STEM TEST REPORT

Prepared For: **American Warrior inc.**

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

### **Denise #1-33**

#### **33-17s-21w Ness,KS**

Start Date: 2013.12.02 @ 20:36:01

End Date: 2013.12.03 @ 03:54:30

Job Ticket #: 54349                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.12.05 @ 11:57:48



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior inc.  
 PO Box 399  
 Garden City KS 67846  
 ATTN: Jason Alm

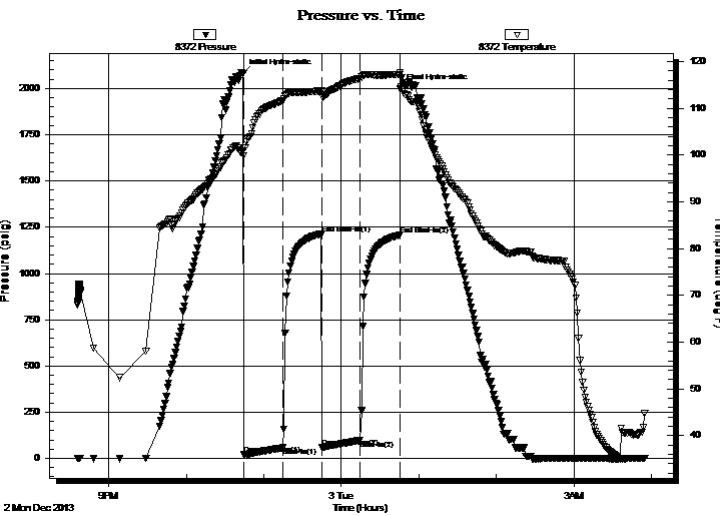
**33-17s-21w Ness,KS**  
**Denise #1-33**  
 Job Ticket: 54349 **DST#: 2**  
 Test Start: 2013.12.02 @ 20:36:01

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:44:30  
 Time Test Ended: 03:54:30  
 Interval: **4200.00 ft (KB) To 4208.00 ft (KB) (TVD)**  
 Total Depth: 4208.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Andy Carreira  
 Unit No: 68  
 Reference Elevations: 2154.00 ft (KB)  
 2146.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8372 Inside**  
 Press@RunDepth: 96.50 psig @ 4201.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.12.02 End Date: 2013.12.03 Last Calib.: 2013.12.03  
 Start Time: 20:36:01 End Time: 03:54:30 Time On Btm: 2013.12.02 @ 22:44:00  
 Time Off Btm: 2013.12.03 @ 00:45:30

**TEST COMMENT:** IF:(30min) BOB in 8 min.  
 IS:(30min) No Return  
 FF:(30min) BOB in 6 min.  
 FS:(30min) Return Blow 30 sec. after Bleed-off. Built to 3"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.65	100.98	Initial Hydro-static
1	22.64	99.82	Open To Flow (1)
31	57.55	111.66	Shut-In(1)
61	1214.78	113.70	End Shut-In(1)
61	58.82	112.61	Open To Flow (2)
91	96.50	116.44	Shut-In(2)
121	1207.64	117.27	End Shut-In(2)
122	1998.92	117.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMW o=10% m=30% w=60%	0.84
60.00	OCGW g=10% o=40% w=50%	0.84
95.00	GO g=15% o=85%	1.33
0.00	GIP= 850 ft	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior inc.

**33-17s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Denise #1-33**

Job Ticket: 54349

**DST#: 2**

ATTN: Jason Alm

Test Start: 2013.12.02 @ 20:36:01

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:44:30

Time Test Ended: 03:54:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 68

**Interval: 4200.00 ft (KB) To 4208.00 ft (KB) (TVD)**

Reference Elevations: 2154.00 ft (KB)

Total Depth: 4208.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: psig @ 4201.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.02 End Date: 2013.12.03

Last Calib.: 2013.12.03

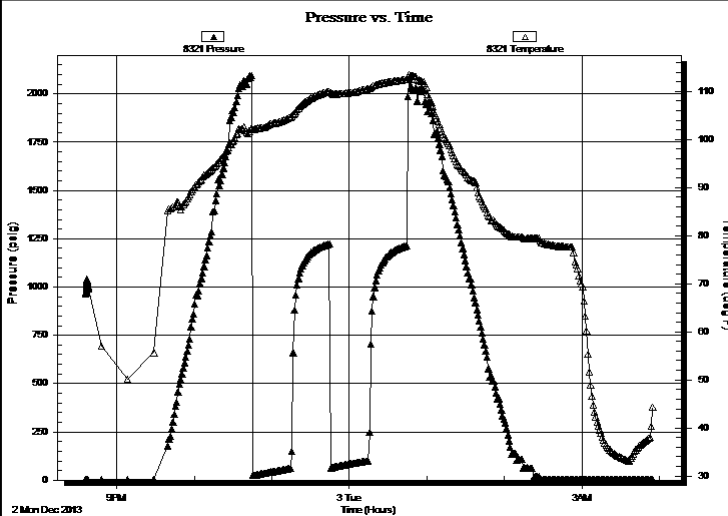
Start Time: 20:36:01 End Time: 03:54:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:(30min) BOB in 8 min.  
IS:(30min) No Return  
FF:(30min) BOB in 6 min.  
FS:(30min) Return Blow 30 sec. after Bleed-off. Built to 3"

### PRESSURE SUMMARY



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

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMW o=10% m=30% w=60%	0.84
60.00	OCGW g=10% o=40% w=50%	0.84
95.00	GO g=15% o=85%	1.33
0.00	GIP= 850 ft	0.00

### Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior inc.

**33-17s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Denise #1-33**

Job Ticket: 54349

**DST#: 2**

ATTN: Jason Alm

Test Start: 2013.12.02 @ 20:36:01

## Tool Information

Drill Pipe:	Length: 4182.00 ft	Diameter: 3.80 inches	Volume: 58.66 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	64000.00 lb
			<u>Total Volume: 58.66 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4200.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	8.00 ft				
Tool Length:	36.00 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			4173.00	
Shut In Tool	5.00			4178.00	
Hydraulic tool	5.00			4183.00	
Jars	5.00			4188.00	
Safety Joint	3.00			4191.00	
Packer	5.00			4196.00	28.00 Bottom Of Top Packer
Packer	4.00			4200.00	
Stubb	1.00			4201.00	
Recorder	0.00	8372	Inside	4201.00	
Recorder	0.00	8321	Outside	4201.00	
Perforations	4.00			4205.00	
Bullnose	3.00			4208.00	8.00 Bottom Packers & Anchor

**Total Tool Length: 36.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior inc.

**33-17s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Denise #1-33**

Job Ticket: 54349

**DST#: 2**

ATTN: Jason Alm

Test Start: 2013.12.02 @ 20:36:01

## 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:

14000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	OCMW o=10% m=30% w =60%	0.842
60.00	OCGW g=10% o=40% w =50%	0.842
95.00	GO g=15% o=85%	1.333
0.00	GIP= 850 ft	0.000

Total Length: 215.00 ft      Total Volume: 3.017 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

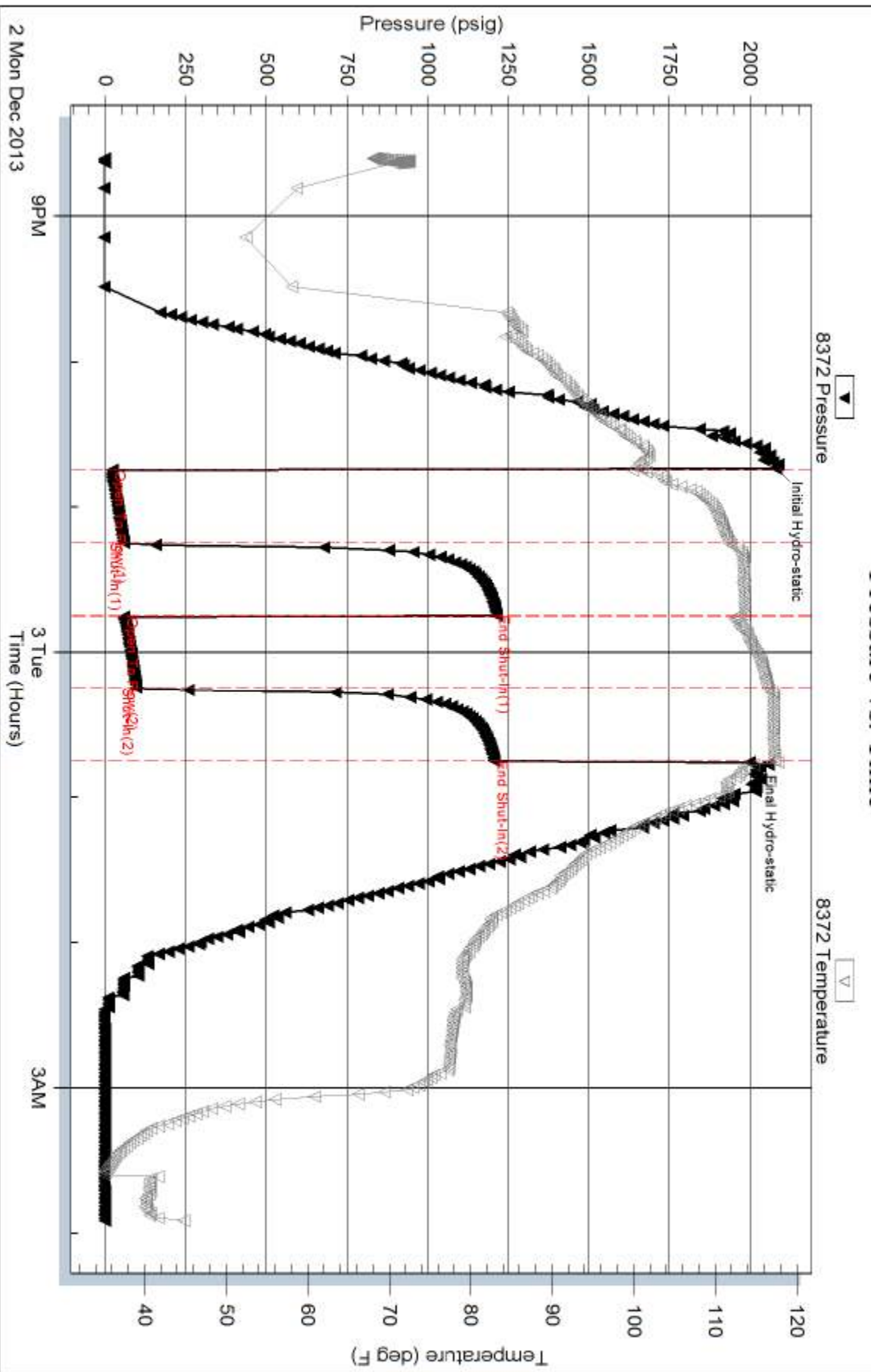
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Resistivity - .71 @ 48 = 14000

# Pressure vs. Time

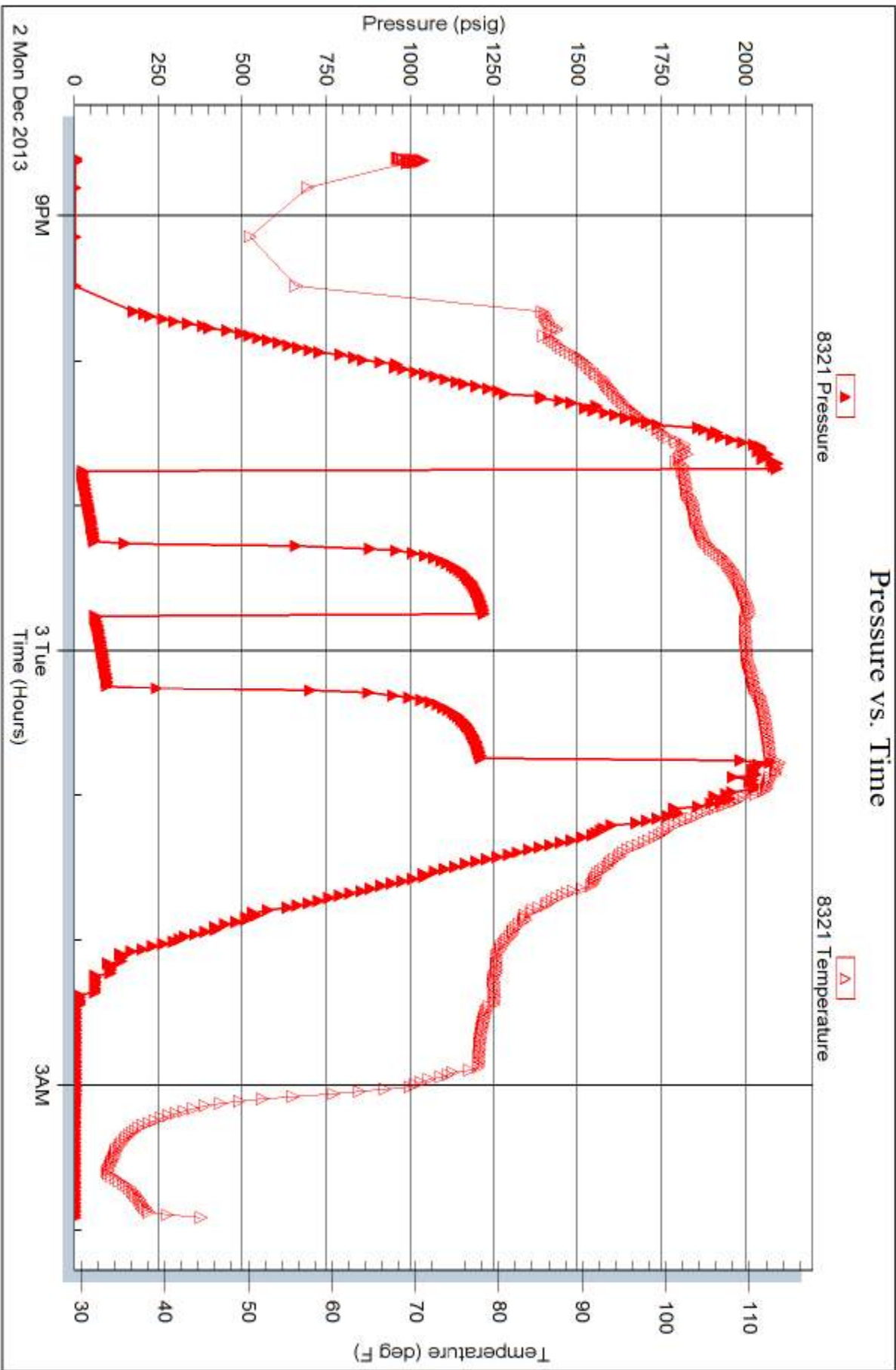


Serial #: 8321

Outside American Warrior inc.

Denise #1-33

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54349

Printed: 2013.12.05 @ 11:57:50



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54348

Well Name & No. DENISE #1-33 Test No. 1 Date 12-2-13  
 Company AMERICAN WARRIOR INC Elevation 2154 KB 2146 GL  
 Address PO BOX 399 GARDEN CITY KS 67846  
 Co. Rep / Geo. JASON ALM Rig DISCOVERY #3  
 Location: Sec. 33 Twp. 17s Rge. 21w Co. NESS State Ks

Interval Tested 4199-4205 Zone Tested MISS  
 Anchor Length 6' Drill Pipe Run 4180 Mud Wt. 9.3  
 Top Packer Depth 4194 Drill Collars Run 0 Vis 65+  
 Bottom Packer Depth 4199 Wt. Pipe Run 0 WL 9.0  
 Total Depth 4205 Chlorides 7300 ppm System LCM TR

Blow Description IF: Surging blow built to 1"  
ISF: NO RETURN  
FF: 1" blow in 7min. Flushw, surged 2" in 3min Built to 4 1/2"  
FSI NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>OCBM</u>	<u>5%</u>	<u>10%</u>	<u></u>	<u>85%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>GIP = 30ft</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 115° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 2094
- (B) First Initial Flow 18
- (C) First Final Flow 20
- (D) Initial Shut-In 1244
- (E) Second Initial Flow 25
- (F) Second Final Flow 29
- (G) Final Shut-In 1248
- (H) Final Hydrostatic 2027

- Test 1250
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 100RT 155
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1730

- T-On Location 06:28
- T-Started 08:07
- T-Open 10:25
- T-Pulled 12:55
- T-Out 14:52

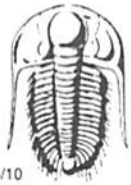
- Comments \_\_\_\_\_
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1730
- MP/DST Disc't \_\_\_\_\_

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

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.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54349

Well Name & No. DENISE #1-33 Test No. 2 Date 12-2-13  
 Company AMERICAN WARRIOR INC. Elevation 2154 KB 2146 GL  
 Address PO BOX 399 GARDEN CITY Ks. 67846  
 Co. Rep / Geo. JASON ALM Rig DISCOVERY #3  
 Location: Sec. 33 Twp. 17s Rge. 21w Co. NESS State Ks.

Interval Tested 4200-4208 Zone Tested MISS  
 Anchor Length 8' Drill Pipe Run ~~4182~~ Mud Wt. 9.3  
 Top Packer Depth 4195 Drill Collars Run 0 Vis 65+  
 Bottom Packer Depth 4200 Wt. Pipe Run 0 WL 9.0  
 Total Depth 4208 Chlorides 7300 ppm System LCM TR.

Blow Description IF: BOB IN 8min  
ISI: NO RETURN  
FF: BOB IN 6min  
FBI: RETURN blow 30 sec. after bleed-off built to 3"

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>AGU</u>	<u>15</u>	<u>85</u>		
<u>60</u>	<u>20CGW</u>	<u>10</u>	<u>40</u>	<u>50</u>	
<u>60</u>	<u>OCMW</u>		<u>10</u>	<u>60</u>	<u>30</u>
	<u>GIP = 850'</u>				

Rec Total 215 BHT 117° Gravity 46 API RW .71 @ 48° F Chlorides 14000 ppm  
 (A) Initial Hydrostatic 2080  Test 1250 T-On Location 19:20  
 (B) First Initial Flow 22  Jars 250 T-Started 20:36  
 (C) First Final Flow 57  Safety Joint 75 T-Open 22:45  
 (D) Initial Shut-In 1214  Circ Sub \_\_\_\_\_ T-Pulled 00:45  
 (E) Second Initial Flow 58  Hourly Standby \_\_\_\_\_ T-Out 03:55  
 (F) Second Final Flow 96  Mileage 100RT 155 Comments \_\_\_\_\_  
 (G) Final Shut-In 1207  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1998  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1730  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 1730

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.



Services, Inc.

CHARGE TO: AMERICAN BARBERS  
 ADDRESS:  
 CITY, STATE, ZIP CODE

TICKET 25600

PAGE 1 OF

SERVICE LOCATION 1	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City, KS	100151133	MOBILE 133	NESS	KS	BAZINE KS	06/NOV/13	
2.	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	<input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	DISCOVERY DRILLING RITE					
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
	D/L	PRODUCTION	GENERAL 8 3/8 SURFACE			2E S&N E 10	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
275					MILEAGE #115	20	mi			6.00	120.00
5765					PUMP CHARGE	1				1000.00	1000.00
279					GEL	3	sk			25.00	75.00
278					CALCIUM CHLORIDE	4	sk			50.00	200.00
290					D. AIR	1	sk			48.00	48.00
325					STANDARD CEMENT	150	sk			14.15	2122.50
331					CEMENT SERVICE CHARGE	150	sk			2.00	300.00
332					MINIMUM DRAVAGE	14780	lbs	14780	lb	250.00	250.00

**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

DATE SIGNED: 06/NOV/13  
 TIME SIGNED: 2:20 PM  
 A.M.  
 P.M.

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

**SURVEY**

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES		<input type="checkbox"/> NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	4183.00
TAX	
TOTAL	

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

SWIFT OPERATOR: [Signature]  
 APPROVAL: [Signature]

Thank You!





Services, Inc.

CHARGE TO: American Florist  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET 25761

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>MO 4, KS</u>	WELL/PROJECT NO. <u>1-33</u>	LEASE <u>Denise</u>	COUNTY/PARISH <u>WAS</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>3 Dec 13</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RG NAME/NO.	SHIPPED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	DELIVERED TO <u>location</u>	WELL PERMIT NO.	ORDER NO.	WELL LOCATION
3. WELL TYPE <u>0.1</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>concrete log string</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	20	mi			6.00	120.00
578					Pump Charge	1	pc			1500.00	1500.00
402					Centerfuge	52	in	5	ea	70.00	3500.00
403					Concret Bucket	52	in	2	ea	300.00	300.00
404					Post Collar	52	in	1	ea	2900.00	2900.00
406					Latch down plug & handle	52	in	1	ea	275.00	275.00
407					Insert Flat shoe w/ auto fill	52	in	1	ea	375.00	375.00
419					Rotating head rental	52	in	1	ea	200.00	200.00

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

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_ AM/PM

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

**SURVEY**

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR \_\_\_\_\_ APPROVAL \_\_\_\_\_

Thank You!



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

**TICKET CONTINUATION**

TICKET No. 25761

CUSTOMER *McKinnon* Account *Account* WELT *Denise* 1-33 DATE 3 Dec 13 PAGE 2 of 2

Account	Weight	Rate	Amount
STANDARD CEMENT (54-2)	175 csk	.1450	2537.50
CEMENT	500 lb	35.00	280.00
SAH	900 lb	0.80	180.00
hd hd - 322	125 lb	8.00	1000.00
Flux	50 lb	2.50	125.00
Weldfish	500 gal	1.25	625.00
KCL Liquid	2 gal	25.00	50.00
D Air	2 gal	42.00	84.00

Item	Weight	Rate	Amount
<i>Damage (min)</i>	<i>1</i>	<i>250.00</i>	<i>250.00</i>
SERVICE CHARGE	1	2.00	38.00
588			
581			

TOTAL WEIGHT 175      LOADED MILES  
 CUBIC FEET  
 TON MILES

5481.50





Services, Inc.

TICKET 25881

CHARGE TO: Anchor Hamilton Inc  
 ADDRESS: 1111  
 CITY, STATE, ZIP CODE: 1111

PAGE 1 OF 1

SERVICE LOCATIONS

1. 1655 CITY KS WELL/PROJECT NO. 1-33 LEASE Davis COUNTY/PARISH NESS CO KS STATE KS CITY SPRING KS DATE 12 10 13 OWNER

2. 1655 CITY KS CONTRACTOR HD RIG NAME/NO. PERE SHIPPED VA DELIVERED TO 2 E. 100th ORDER NO.

3. 1655 CITY KS WELL TYPE DEV WELL CATEGORY Development JOB PURPOSE Geot Port Culin WELL PERM/NO. SEE 35-175-210 WELL LOCATION

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
500575				MILEAGE 114	1	mi	25	mi	6.00	150.00
576D				Ramp Chassis	1	ea			1500.00	1500.00
581				Services Chassis Geocut	1	ea			2.00	350.00
582				Minimum Drayage Chassis	1	ea			250.00	250.00
330				SMD Geocut	125	lbs			18.50	2312.50
276				Geocut	2	lbs			50.00	100.00
290				D-11er	3	ea			42.00	126.00
104				Geot Column Spw Tool	1	ea			250.00	250.00

**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**

DATE SIGNED 12 10 13 TIME SIGNED 1:00  AM  PM

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

**SURVEY**

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES		<input type="checkbox"/> NO

PAGE TOTAL 50

TAX 7.25%

TOTAL 5236.53

SWIFT OPERATOR DUSTY DANK APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

Thank You!

