



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1246160  
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: \_\_\_\_\_



1246160

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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Anslover 1-29
Doc ID	1246160

Tops

Name	Top	Datum
Anhydrite	1403	759
Heebner	3625	-1463
Lansing	3674	-1512
Base Kansas City	3990	-1828
Pawnee	4171	-1909
Ft. Scott	4147	-1985
Cherokee	4165	-2003
Mississippian	4242	-2080
TD	4272	-2110



Services, Inc.

CHARGE TO: Amesbury  
 ADDRESS: 11111  
 CITY, STATE, ZIP CODE: Amesbury, MA 01810

TICKET 21000

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Amesbury, KS</u>	WELL/PROJECT NO. <u>1-29</u>	LEASE <u>Amesbury</u>	COUNTY/PARISH <u>ROAD</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>28 NOV 14</u>	OWNER <u>21000</u>
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	DELIVERED TO <u>location</u>	ORDER NO.	WELL PERMIT NO.	WELL LOCATION <u>29-18-21</u>
3. WELL TYPE	WELL CATEGORY <u>Drillplant</u>	JOB PURPOSE <u>concrete surface prep</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		1			MILEAGE	20	mi			6.00	120.00
		1			<del>Pump Charges</del>						
		1			Pump Charges	1	104			1120.00	1120.00
		1			Standard cement	150	sk			14.50	2175.00
		1			Bentonite gel	300	lb	3	sk	25.00	75.00
		1			Collection chemicals	350	lb	1	sk	50.00	200.00
		1			D-A-iva	2	gal			42.50	85.00
		1			service charge	1	sk			22.00	300.00
		1			Dryer (wind)	1	hr			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 \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 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

TAX	
TOTAL	

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

SWIFT OPERATOR

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 28 Nov 14 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-29 LEASE Anslower JOB TYPE cement surface pipe TICKET NO. 27996

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								150sk STANDARD cement 2%gel 3%CC 8 5/8" 23# casing 5 joints - 226.41' TD = 221
	1830							on loc TRK 112
	1835							start 8 5/8" 23# casing in well circulate
	1950	3 1/2	37				100	Mix Standard 2%gel 3%CC @ 14.7ppg 150sk
	2011	4					100 200	Displace w/ H <sub>2</sub> O cement to surface
	2015	4	13				200	shot in 8 5/8" (205k / 10T)
	2018							wash truck Rack up
	2045							job complete 4 tanks Blowing flat cement

# ALLIED OIL & GAS SERVICES, LLC 063881

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
*great Bend*

DATE <i>12-5-14</i>	SEC. <i>29</i>	TWP. <i>18</i>	RANGE <i>21</i>	CALLED OUT	ON LOCATION <i>5:30 am</i>	JOB START <i>9:30am</i>	JOB FINISH <i>10:30am</i>
ANILOVERS LEASE	WELL # <i>1-29</i>		LOCATION <i>Bayens E L FF Rd</i>			COUNTY <i>Den</i>	STATE <i>K</i>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *Discovery 3*

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D. \_\_\_\_\_

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE *4 1/2* DEPTH *1440*

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT *H2O*

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED *250 # 60/40 4 1/2*

*gel 4 flt*

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER *Charles King*

# *360* HELPER *Patrick*

BULK TRUCK DRIVER *gpc*

# *610-170*

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_

**REMARKS:**

*1440' 10 881 H2O mix 50 or displac 3.5*

*H2O 13.73 mix 690' 10 881 H2O mix*

*80 or 3.5 H2O 1.13 mix 270' 2 881*

*H2O mix 50 or displac .60 H2O 60'*

*mix 20 or Rat hole mix 30 or*

*more hole mix 20 or*

**SERVICE**

DEPTH OF JOB *1440*

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: *american vision*

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.

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

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

TOTAL CHARGES \_\_\_\_\_

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

PRINTED NAME *GAIEN FASCHLER*

SIGNATURE *John Faschler*

Thank you!



# Geologic Report

## Drilling Time and Sample Log

Operator <b>American Warrior, Inc.</b>		Elevation KB 2162'	
Lease <b>Anslover</b>		DF 2154'	
API # <b>15-135-25800-0000</b>		GL 2154'	
Field <b>Bazine North</b>		Casing Record Surface 8 5/8" @ 221'	
Location <b>380' FNL &amp; 1700' FEL</b>		Production None	
Sec. <b>29</b>   Twp. <b>18s</b>   Rge. <b>21w</b>		Electrical Surveys None	
County <b>Ness</b>		State <b>Kansas</b>	

Drilling Contractor	Discovery Drilling Co. Inc.	Rig #3
Commenced	11-28-2014	Completed 12-5-2014
Samples Saved From	3900'	To RTD
Drilling Time Kept From	3600'	To RTD
Samples Examined From	3900'	To RTD
Geological Supervision From	3900'	To RTD

Displacement 3500' Mud Type Chemical

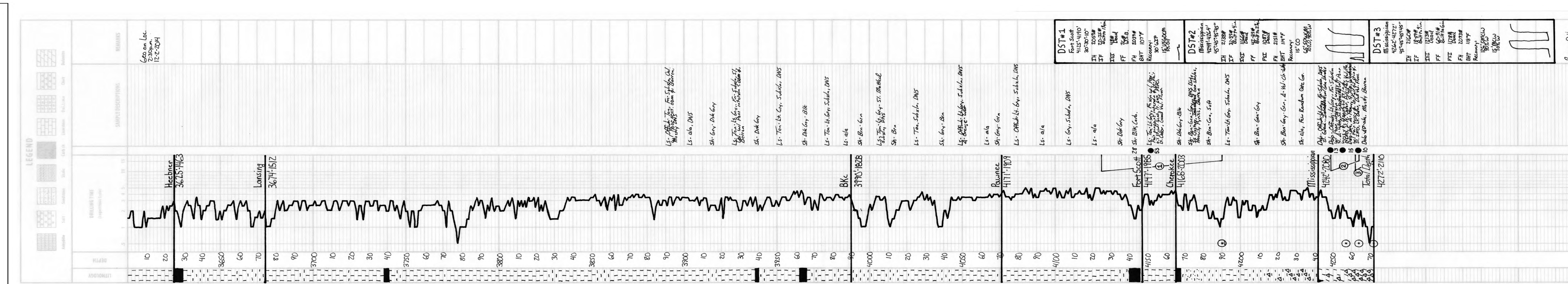
### Summary and Recommendations

The location for the Anslover #1-29 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three Drill Stem Tests were conducted, all of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Anslover #1-29 well.

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1403' +759	+8
Base		1436' +726	+5
Heebner		3625' -1463	+2
Lansing		3674' -1512	+1
BKc		3990' -1828	
Pawnee		4171' -1909	FL
Fort Scott		4147' -1985	FL
Cherokee		4165' -2003	-1
Mississippian		4242' -2080	-2
Total Depth		4272' -2110	

Reference Well For Structural Comparison **Palomino Petroleum Slover J #1**  
1086' FNL & 727' FWL Sec. 29 T18s R21w Ness Co. Kansas

Respectfully Submitted,  
  
Jason T Alm  
Hard Rock Consulting, Inc.



Respectfully,  
Jason T Alm  
12-8-2014

# **Geological Report**

American Warrior, Inc.

**Anslover #1-29**

380' FNL & 1700' FEL

Sec. 29 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**



## General Data

Well Data: American Warrior, Inc.  
Anslover #1-29  
380' FNL & 1700' FEL  
Sec. 29 T18s R21w  
Ness County, Kansas  
API # 15-135-25800-0000

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

Geologist: Jason T Alm

Spud Date: November 28, 2014

Completion Date: December 5, 2014

Elevation: 2154' Ground Level  
2162' Kelly Bushing

Directions: Bazine KS, East ½ mi. to EE Rd. North 1 mi. to 140  
Rd. East ¾ mi. South into location.

Casing: 221' 8 5/8" surface casing

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

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Trilobite Testing, Inc. "Phillip Gage"

Problems: None

Remarks: None

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc.</b>
	<b>Anslover #1-29</b>
	<b>Sec. 29 T18s R21w</b>
	<b>380' FNL &amp; 1700' FEL</b>
Anhydrite	<b>1403', +759</b>
Base	<b>1436', +726</b>
Heebner	<b>3625', -1463</b>
Lansing	<b>3674', -1512</b>
BKc	<b>3990', -1828</b>
Pawnee	<b>4071', -1909</b>
Fort Scott	<b>4147', -1985</b>
Cherokee	<b>4165', -2003</b>
Mississippian	<b>4242', -2080</b>
RTD	<b>4272', -2110</b>

## Sample Zone Descriptions

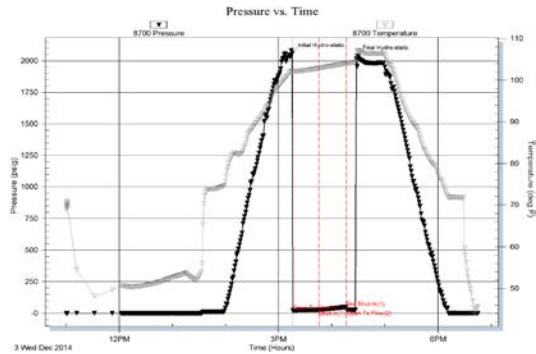
- Fort Scott (4147', -1985):**      **Covered in DST #1**  
 Ls – Fine crystalline with poor to fair pinpoint inter-crystalline porosity, light to fair oil stain with scattered light saturation, fair show of free oil, light odor, good yellow fluorescents, 53 units hotwire.
- Mississippian Osage (4242', -2080):**      **Covered in DST #2, 3**  
 Δ – Dolo – Fine to sub-crystalline with poor inter-crystalline and vuggy porosity, slight to heavy chert, weathered with poor to fair vuggy porosity, light to fair oil stain in porosity, slight show of free oil, dull yellow fluorescents, light odor, 10-15 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
“Phillip Gage”

**DST #1      Mississippian Osage**

Interval (4125' – 4190') Anchor Length 65'  
IHP – 2059 #  
IFP – 30" – Built to 1 ¼ in.      20-25 #  
ISI – 30" – Dead      48 #  
FFP – 10" – W.S.B.      26-26 #  
FHP – 2059 #  
BHT – 107°F

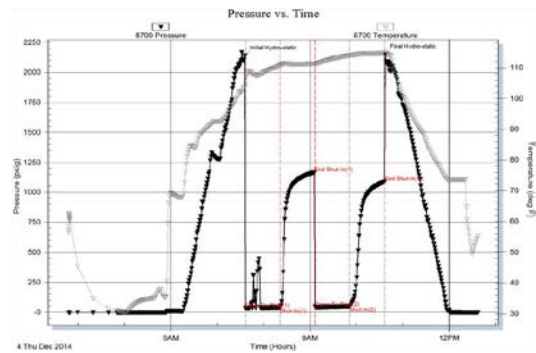
Recovery:      30' GIP  
                  15' VSGOCM      5% Oil



**DST #2      Mississippian Osage**

Interval (4249' – 4264') Anchor Length 15'  
IHP – 2138 #  
IFP – 45" – Built to 4 in.      32-39 #  
ISI – 45" – Dead      1166 #  
FFP – 45" – Built to 2 ¼ in.      42-49 #  
FSI – 45" – Dead      1087 #  
FHP – 2151 #  
BHT – 114°F

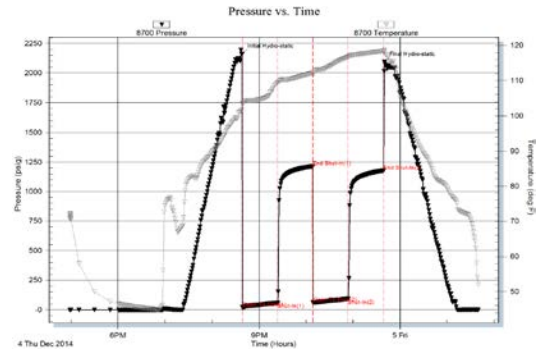
Recovery:      15' CO  
                  65' SOWCM      10% Oil, 40% Water



**DST #3      Mississippian Osage**

Interval (4262' – 4272') Anchor Length 10'  
IHP – 2160 #  
IFP – 45" – Built to 9 in.      18-59 #  
ISI – 45" – Dead      1213 #  
FFP – 45" – Built to 6 in.      60-91 #  
FSI – 45" – Dead      1178 #  
FHP – 2093 #  
BHT – 118°F

Recovery:      126' SMCW      90% Water  
                  15' MCW      70% Water



## Structural Comparison

	American Warrior, Inc. Anslover #1-29 Sec. 29 T18s R21w 380' FNL & 1700' FEL	Palomino Petroleum Slover J #1 Sec. 28 T18s R21w 1086' FNL & 727' FWL		American Warrior, Inc. Fritz #1-29 Sec. 29 T18s R21w 1860' FSL & 1880' FEL	
<b>Formation</b>					
Anhydrite	<b>1403', +759</b>	1366', +751	<b>(+8)</b>	1357', +763	<b>(+4)</b>
Base	<b>1436', +726</b>	1396', +721	<b>(+5)</b>	1390', +730	<b>(+4)</b>
Heebner	<b>3625', -1463</b>	3582', -1465	<b>(+2)</b>	3590', -1470	<b>(+7)</b>
Lansing	<b>3674', -1512</b>	3630', -1513	<b>(+1)</b>	3636', -1516	<b>(+4)</b>
BKc	<b>3990', -1828</b>	NA	<b>NA</b>	3954', -1834	<b>(+6)</b>
Pawnee	<b>4071', -1909</b>	4026', -1909	<b>FL</b>	4036', -1916	<b>(+7)</b>
Fort Scott	<b>4147', -1985</b>	4102', -1985	<b>FL</b>	4112', -1992	<b>(+7)</b>
Cherokee	<b>4165', -2003</b>	4119', -2002	<b>(-1)</b>	4130', -2010	<b>(+7)</b>
Mississippian	<b>4242', -2080</b>	4195', -2078	<b>(-2)</b>	4209', -2089	<b>(+9)</b>

## Summary

The location for the Anslover #1-29 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three Drill Stem Tests were conducted, all of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Anslover #1-29 well.

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

### **Anslover #1-29**

#### **29-18s-21w Ness,KS**

Start Date: 2014.12.03 @ 11:00:00

End Date: 2014.12.03 @ 18:44:30

Job Ticket #: 60987                      DST #: 1

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

Printed: 2014.12.10 @ 10:03:37



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

**29-18s-21w Ness,KS**

**Anslover #1-29**

Job Ticket: 60987

**DST#: 1**

Test Start: 2014.12.03 @ 11:00:00

## GENERAL INFORMATION:

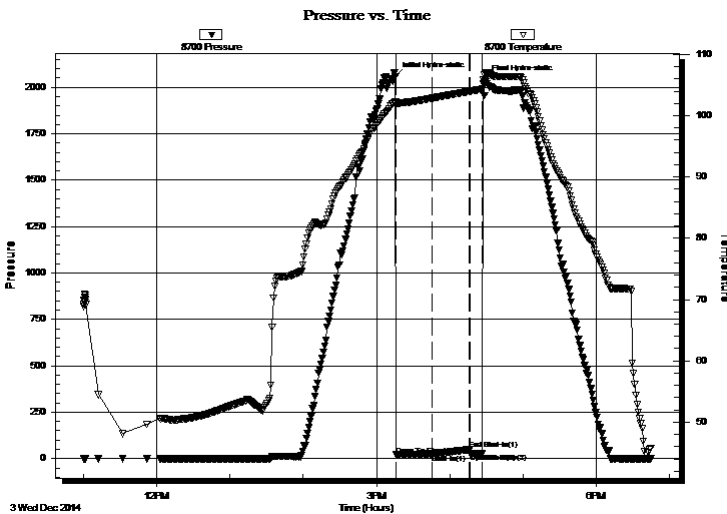
Formation: **Fort Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 15:16:00  
 Tester: Phillip Gage  
 Time Test Ended: 18:44:30  
 Unit No: 70  
 Interval: **4125.00 ft (KB) To 4190.00 ft (KB) (TVD)**  
 Reference Elevations: 2162.00 ft (KB)  
 Total Depth: 4190.00 ft (KB) (TVD)  
 2154.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 8.00 ft

**Serial #: 8700 Outside**

Press@RunDepth: 25.35 psig @ 4126.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.03 End Date: 2014.12.03 Last Calib.: 2014.12.03  
 Start Time: 11:00:05 End Time: 18:44:29 Time On Btm: 2014.12.03 @ 15:15:30  
 Time Off Btm: 2014.12.03 @ 16:29:00

TEST COMMENT: 30-IF-Built to 1 1/4"  
 30-ISI-Surface Return, started at 8 mins  
 10-FF-Surface blow, Pulled tool.  
 FSI-N/A

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2059.80	102.27	Initial Hydro-static
1	20.00	101.91	Open To Flow (1)
30	25.35	102.85	Shut-In(1)
61	48.41	103.95	End Shut-In(1)
61	26.90	103.96	Open To Flow (2)
71	25.57	104.31	Shut-In(2)
74	2039.35	107.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	VSGOCM, 5%g, 5%o, 90%m	0.07
0.00	GIP-30'	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

**29-18s-21w Ness, KS**

**Anslover #1-29**

Job Ticket: 60987

**DST#: 1**

Test Start: 2014.12.03 @ 11:00:00

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:16:00

Time Test Ended: 18:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 70

**Interval: 4125.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Reference Elevations: 2162.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2154.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8018 Inside**

Press@RunDepth: psig @ 4126.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.03

End Date:

2014.12.03

Last Calib.:

2014.12.03

Start Time: 11:00:05

End Time:

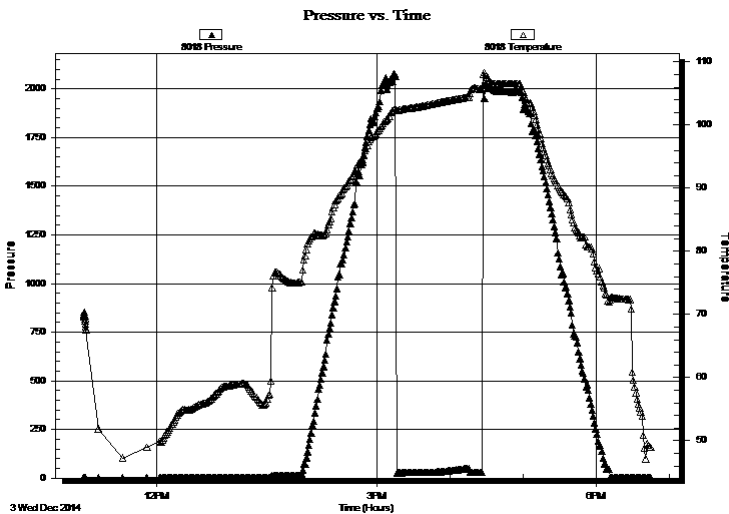
18:44:29

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 30-IF-Built to 1 1/4"  
30-ISI-Surface Return, started at 8 mins  
10-FF-Surface blow, Pulled tool.  
FSI-N/A

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	VSGOCM, 5%g, 5%o, 90%m	0.07
0.00	GIP-30'	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**29-18s-21w Ness, KS**  
**Anslover #1-29**  
Job Ticket: 60987      **DST#: 1**  
Test Start: 2014.12.03 @ 11:00:00

**Tool Information**

Drill Pipe:	Length: 4087.00 ft	Diameter: 3.80 inches	Volume: 57.33 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4125.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			4097.00	
Shut In Tool	5.00			4102.00	
Hydraulic tool	5.00			4107.00	
Jars	5.00			4112.00	
Safety Joint	3.00			4115.00	
Packer	5.00			4120.00	29.00      Bottom Of Top Packer
Packer	5.00			4125.00	
Stubb	1.00			4126.00	
Recorder	0.00	8018	Inside	4126.00	
Recorder	0.00	8700	Outside	4126.00	
Perforations	28.00			4154.00	
Change Over Sub	1.00			4155.00	
Drill Pipe	31.00			4186.00	
Change Over Sub	1.00			4187.00	
Bullnose	3.00			4190.00	65.00      Bottom Packers & Anchor

**Total Tool Length: 94.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc

**29-18s-21w Ness, KS**

PO Box 399  
Garden City, KS 67846

**Anslover #1-29**

Job Ticket: 60987

**DST#: 1**

ATTN: Jason Alm

Test Start: 2014.12.03 @ 11:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	VSGOCM, 5%g, 5%o, 90%m	0.074
0.00	GIP-30'	0.000

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

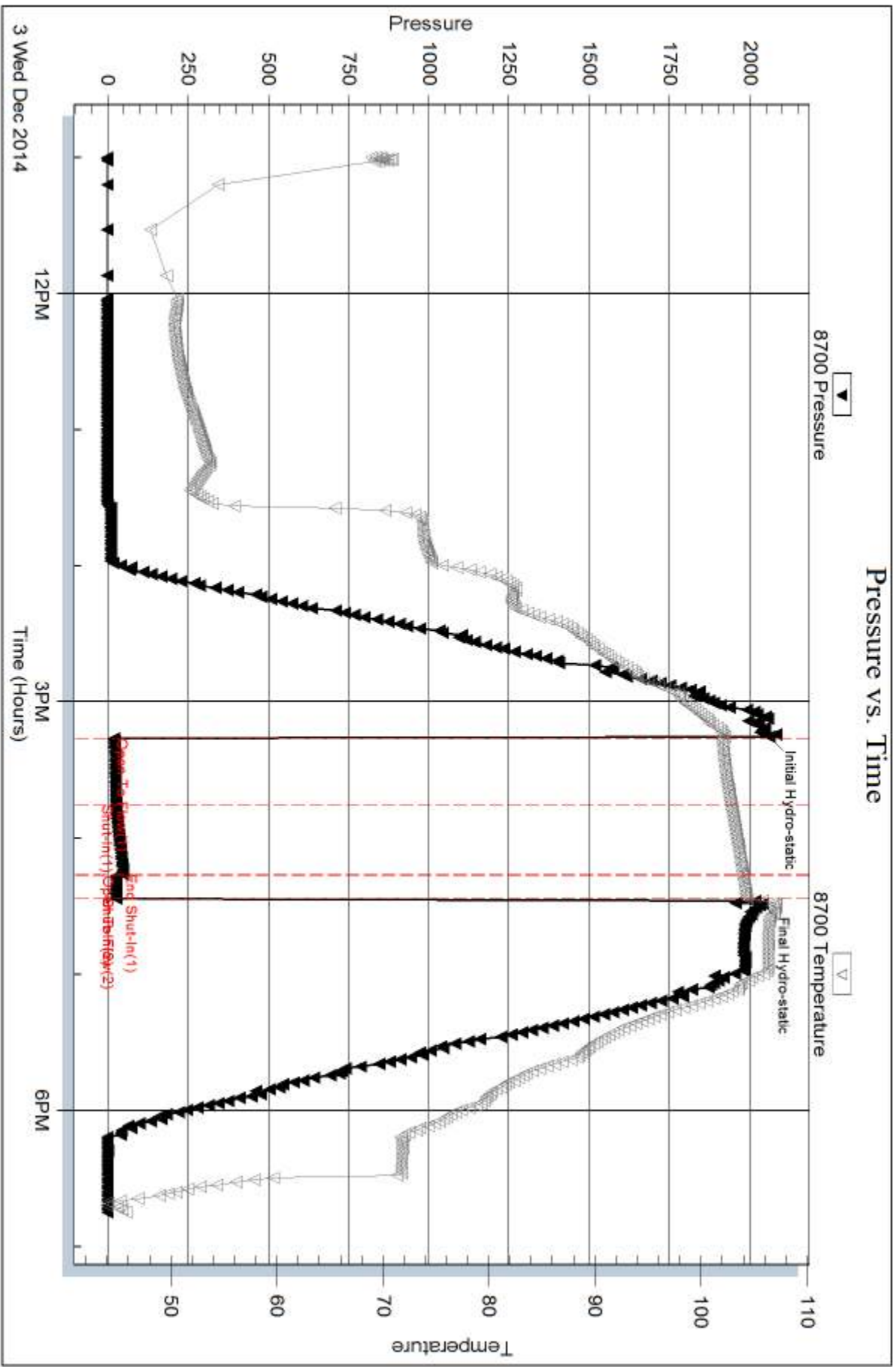
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



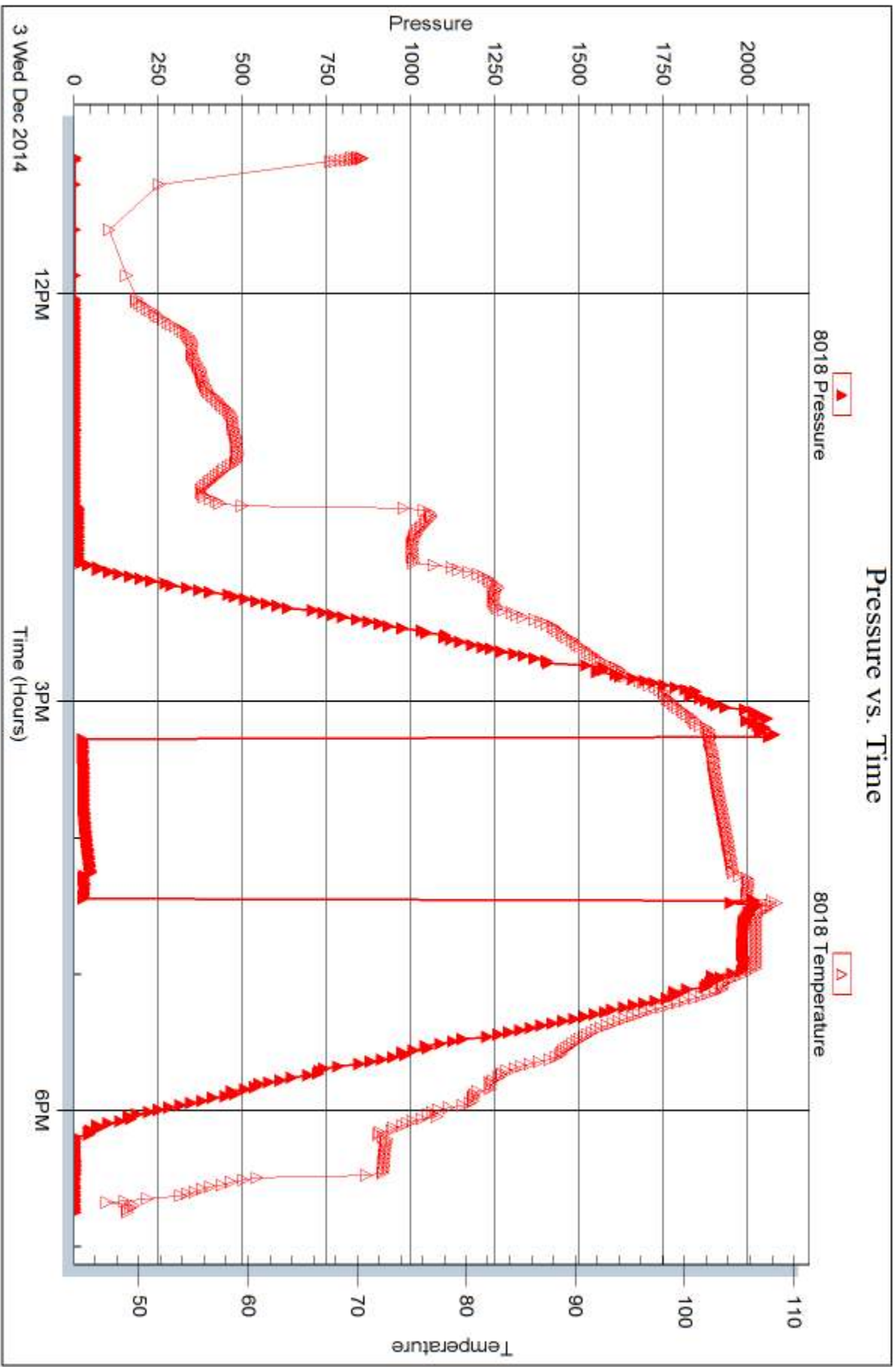
Serial #: 8018

Inside

American Warrior, Inc

Anslover #1-29

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 60987

Printed: 2014.12.10 @ 10:03:39



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Anslover #1-29**

#### **29-18s-21w Ness,KS**

Start Date: 2014.12.04 @ 03:47:00

End Date: 2014.12.04 @ 12:38:00

Job Ticket #: 60988                      DST #: 2

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

Printed: 2014.12.10 @ 10:03:15



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

**29-18s-21w Ness,KS**

**Anslover #1-29**

Job Ticket: 60988

**DST#: 2**

Test Start: 2014.12.04 @ 03:47:00

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:36:30  
 Time Test Ended: 12:38:00  
 Interval: **4249.00 ft (KB) To 4264.00 ft (KB) (TVD)**  
 Total Depth: 4264.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 70  
 Reference Elevations: 2162.00 ft (KB)  
 2154.00 ft (CF)  
 KB to GR/CF: 8.00 ft

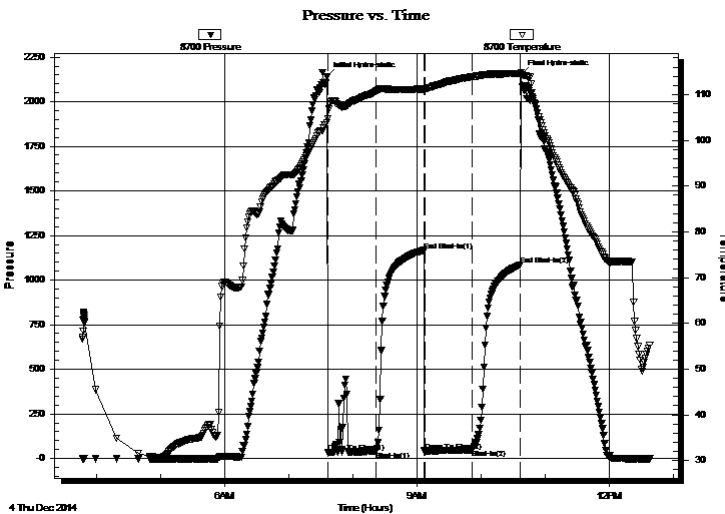
## Serial #: 8700

**Outside**

Press@RunDepth: 48.99 psig @ 4250.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.04 End Date: 2014.12.04 Last Calib.: 2014.12.04  
 Start Time: 03:47:05 End Time: 12:38:00 Time On Btm: 2014.12.04 @ 07:35:30  
 Time Off Btm: 2014.12.04 @ 10:37:30

TEST COMMENT: 45-IF-Built to 4"  
 45-ISI-No Return  
 45-FF-Built to 2 1/4"  
 45-FSI-No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.69	103.81	Initial Hydro-static
1	32.53	104.68	Open To Flow (1)
46	39.52	110.76	Shut-In(1)
91	1165.65	111.26	End Shut-In(1)
92	42.05	111.09	Open To Flow (2)
136	48.99	113.90	Shut-In(2)
181	1086.99	114.61	End Shut-In(2)
182	2151.26	114.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOWCM, 10%o, 40%w, 50%m	0.63
15.00	O, 100%o	0.21

\* Recovery from multiple tests

## 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

**29-18s-21w Ness,KS**

**Anslover #1-29**

Job Ticket: 60988 **DST#: 2**

Test Start: 2014.12.04 @ 03:47:00

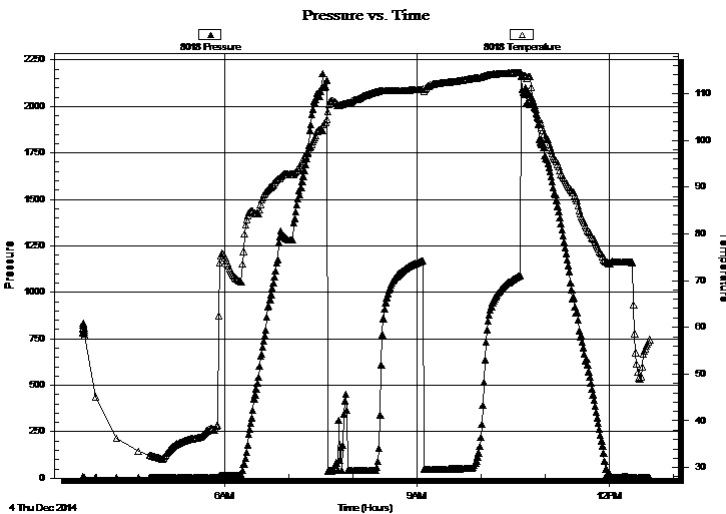
## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 07:36:30  
Time Test Ended: 12:38:00  
Interval: **4249.00 ft (KB) To 4264.00 ft (KB) (TVD)**  
Total Depth: 4264.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 2162.00 ft (KB)  
2154.00 ft (CF)  
KB to GR/CF: 8.00 ft  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Phillip Gage  
Unit No: 70

**Serial #: 8018 Inside**  
Press@RunDepth: psig @ 4250.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.12.04 End Date: 2014.12.04 Last Calib.: 2014.12.04  
Start Time: 03:47:05 End Time: 12:38:00 Time On Btm:  
Time Off Btm:

TEST COMMENT: 45-IF-Built to 4"  
45-ISI-No Return  
45-FF-Built to 2 1/4"  
45-FSI-No Return

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOWCM, 10%o, 40%w, 50%m	0.63
15.00	O, 100%o	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  
PO Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**29-18s-21w Ness, KS**  
**Anslover #1-29**  
Job Ticket: 60988      **DST#: 2**  
Test Start: 2014.12.04 @ 03:47:00

**Tool Information**

Drill Pipe:	Length: 4212.00 ft	Diameter: 3.80 inches	Volume: 59.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume: 59.23 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4249.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Change Over Sub	1.00			4221.00	
Shut In Tool	5.00			4226.00	
Hydraulic tool	5.00			4231.00	
Jars	5.00			4236.00	
Safety Joint	3.00			4239.00	
Packer	5.00			4244.00	29.00      Bottom Of Top Packer
Packer	5.00			4249.00	
Stubb	1.00			4250.00	
Recorder	0.00	8018	Inside	4250.00	
Recorder	0.00	8700	Outside	4250.00	
Perforations	11.00			4261.00	
Bullnose	3.00			4264.00	15.00      Bottom Packers & Anchor

**Total Tool Length: 44.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc

**29-18s-21w Ness,KS**

PO Box 399  
Garden City, KS 67846

**Anslover #1-29**

Job Ticket: 60988

**DST#: 2**

ATTN: Jason Alm

Test Start: 2014.12.04 @ 03:47:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

42 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	SOWCM, 10%o, 40%w, 50%m	0.629
15.00	O, 100%o	0.210

Total Length: 80.00 ft      Total Volume: 0.839 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

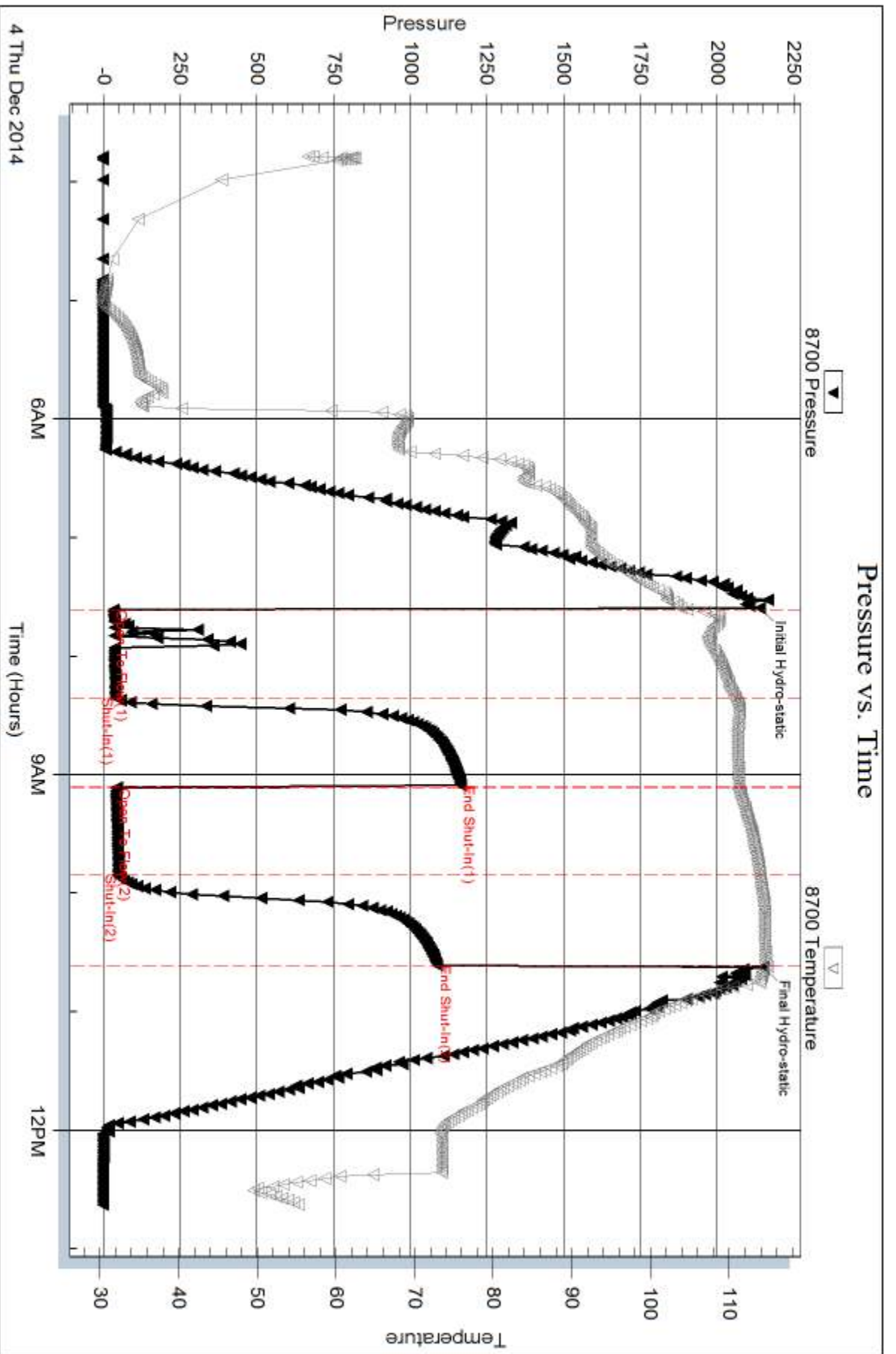
Serial #:

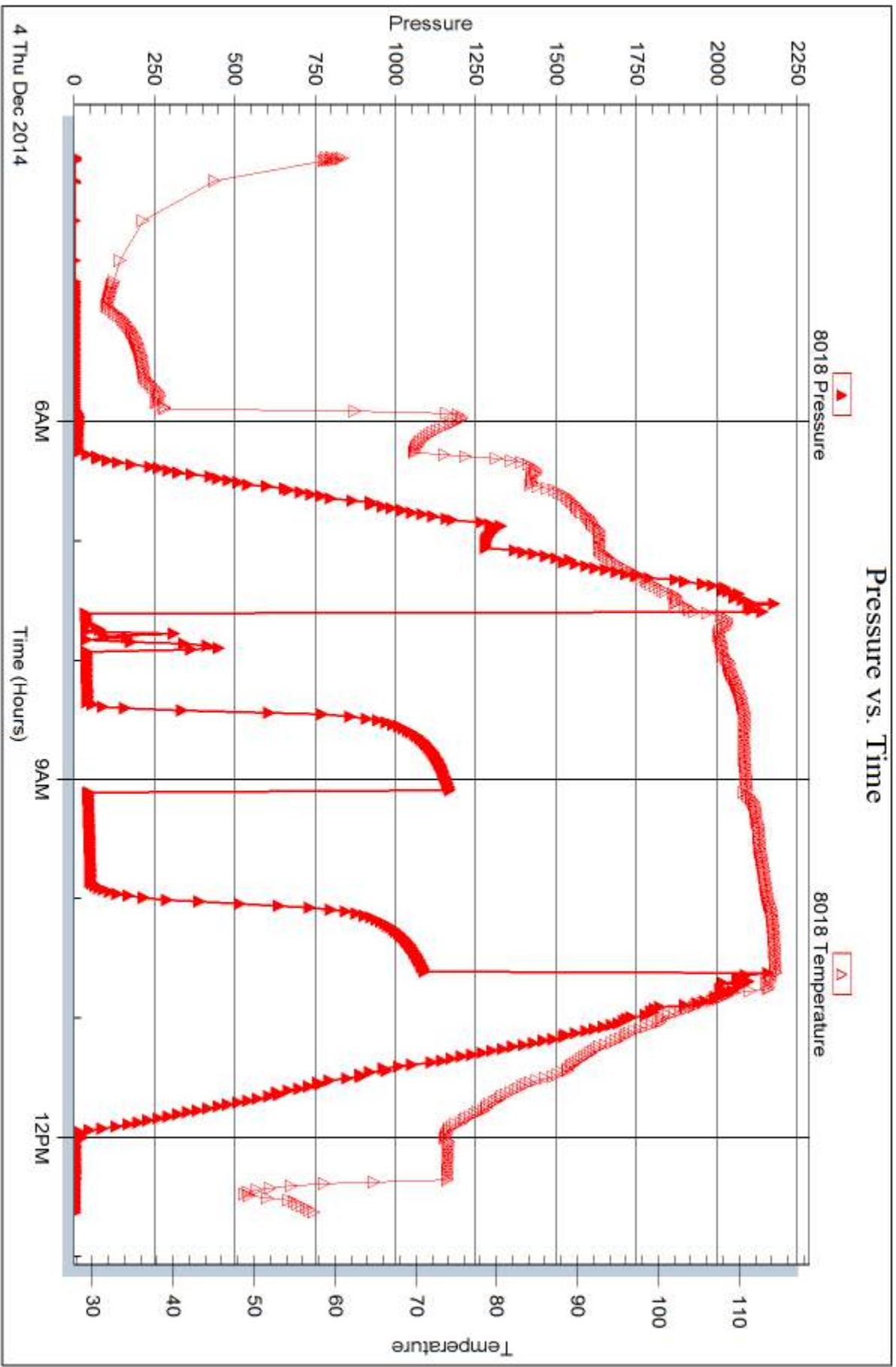
Laboratory Name:

Laboratory Location:

Recovery Comments: .3 @ 46 degrees = 40,000 Salinity









## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Anslover #1-29**

#### **29-18s-21w Ness,KS**

Start Date: 2014.12.04 @ 16:58:00

End Date: 2014.12.05 @ 01:40:00

Job Ticket #: 60989                      DST #: 3

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

Printed: 2014.12.10 @ 10:02:38



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

**29-18s-21w Ness,KS**

**Anslover #1-29**

Job Ticket: 60989

**DST#: 3**

Test Start: 2014.12.04 @ 16:58:00

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:38:30  
 Time Test Ended: 01:40:00  
 Interval: **4262.00 ft (KB) To 4272.00 ft (KB) (TVD)**  
 Total Depth: 4272.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 70  
 Reference Elevations: 2162.00 ft (KB)  
 2154.00 ft (CF)  
 KB to GR/CF: 8.00 ft

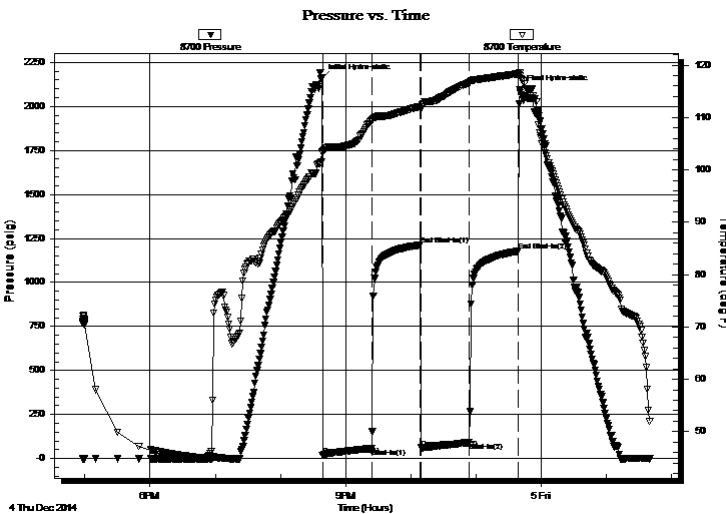
**Serial #: 8700**

**Outside**

Press@RunDepth: 91.02 psig @ 4263.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.04 End Date: 2014.12.05 Last Calib.: 2014.12.05  
 Start Time: 16:58:05 End Time: 01:40:00 Time On Btm: 2014.12.04 @ 20:38:00  
 Time Off Btm: 2014.12.04 @ 23:40:00

TEST COMMENT: 45-IF-Built to 9"  
 45-ISI-No Return  
 45-FF-Built to 6"  
 45-FSI-No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.41	103.39	Initial Hydro-static
1	18.24	103.29	Open To Flow (1)
46	58.79	109.38	Shut-In(1)
91	1213.13	112.13	End Shut-In(1)
91	60.23	111.56	Open To Flow (2)
136	91.02	116.65	Shut-In(2)
181	1178.08	118.33	End Shut-In(2)
182	2093.38	118.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	SMCW, 10% m, 90% w	1.49
15.00	MCW, 30% m, 70% w	0.21

\* Recovery from multiple tests

## Gas Rates

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



# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

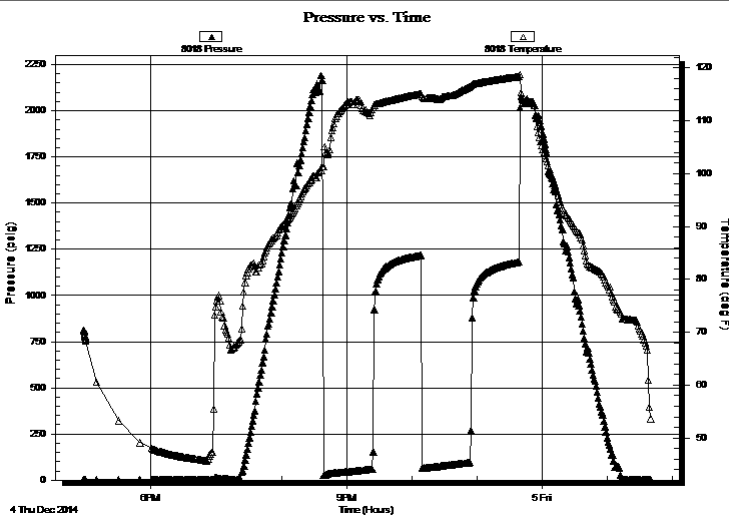
**29-18s-21w Ness, KS**  
**Anslover #1-29**  
 Job Ticket: 60989 **DST#: 3**  
 Test Start: 2014.12.04 @ 16:58:00

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 20:38:30 Tester: Phillip Gage  
 Time Test Ended: 01:40:00 Unit No: 70  
**Interval: 4262.00 ft (KB) To 4272.00 ft (KB) (TVD)**  
 Reference Elevations: 2162.00 ft (KB)  
 Total Depth: 4272.00 ft (KB) (TVD) 2154.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 8018** **Inside**  
 Press@RunDepth: psig @ 4263.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.04 End Date: 2014.12.05 Last Calib.: 2014.12.05  
 Start Time: 16:58:05 End Time: 01:40:00 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 45-IF-Built to 9"  
 45-ISI-No Return  
 45-FF-Built to 6"  
 45-FSI-No Return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	SMCW, 10% m, 90% w	1.49
15.00	MCW, 30% m, 70% w	0.21

## 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  
PO Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**29-18s-21w Ness, KS**  
**Anslover #1-29**  
Job Ticket: 60989 **DST#: 3**  
Test Start: 2014.12.04 @ 16:58:00

## Tool Information

Drill Pipe:	Length: 4213.00 ft	Diameter: 3.80 inches	Volume: 59.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 59.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4262.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	39.00 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			4234.00	
Shut In Tool	5.00			4239.00	
Hydraulic tool	5.00			4244.00	
Jars	5.00			4249.00	
Safety Joint	3.00			4252.00	
Packer	5.00			4257.00	29.00 Bottom Of Top Packer
Packer	5.00			4262.00	
Stubb	1.00			4263.00	
Recorder	0.00	8018	Inside	4263.00	
Recorder	0.00	8700	Outside	4263.00	
Perforations	6.00			4269.00	
Bullnose	3.00			4272.00	10.00 Bottom Packers & Anchor

**Total Tool Length: 39.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc

**29-18s-21w Ness,KS**

PO Box 399  
Garden City, KS 67846

**Anslover #1-29**

Job Ticket: 60989

**DST#: 3**

ATTN: Jason Alm

Test Start: 2014.12.04 @ 16:58:00

### 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:

36000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
126.00	SMCW, 10%m, 90%w	1.485
15.00	MCW, 30%m, 70%w	0.210

Total Length: 141.00 ft      Total Volume: 1.695 bbf

Num Fluid Samples: 0

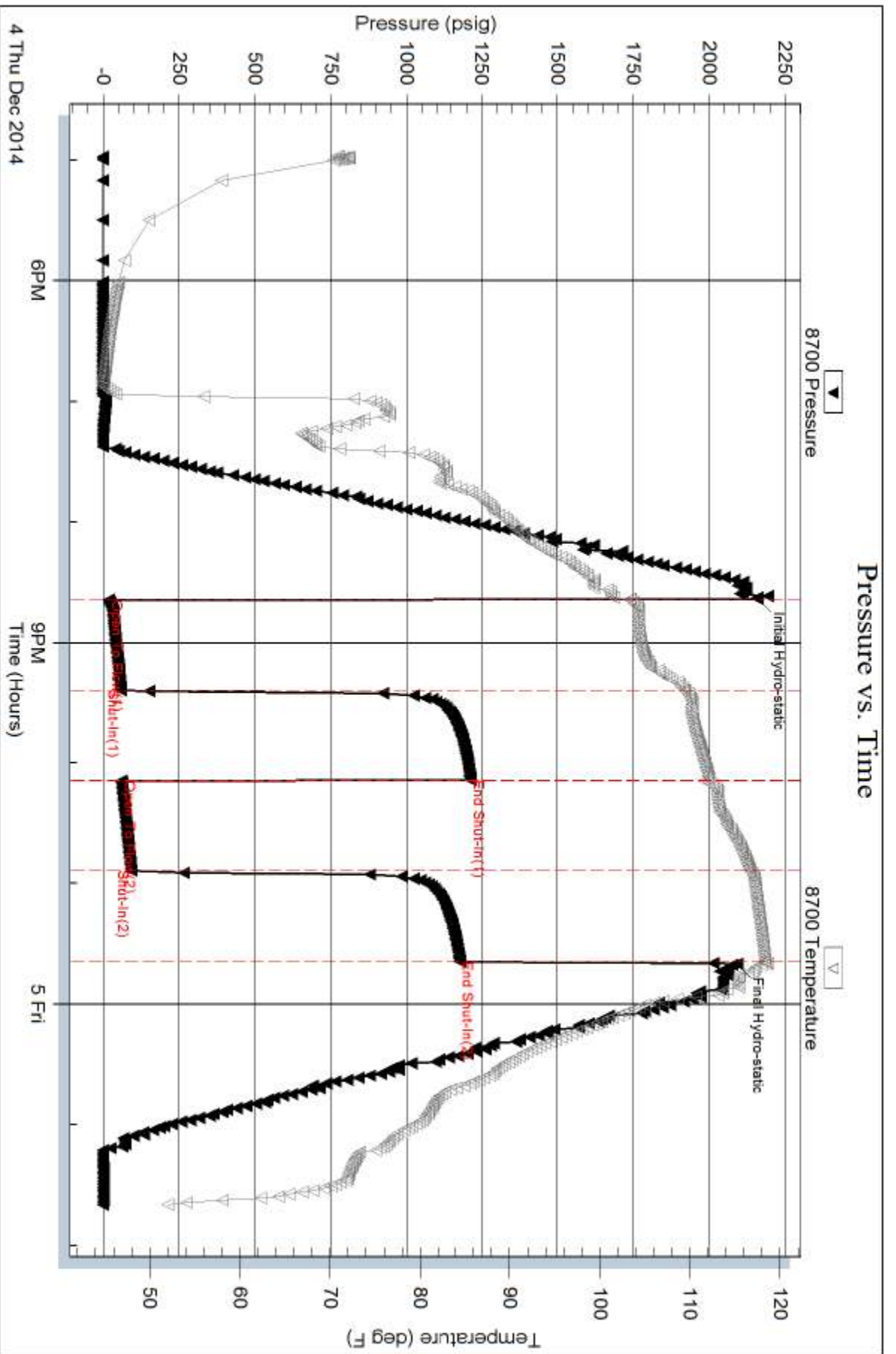
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .4 @ 37 Degrees = 36,000 Salinity





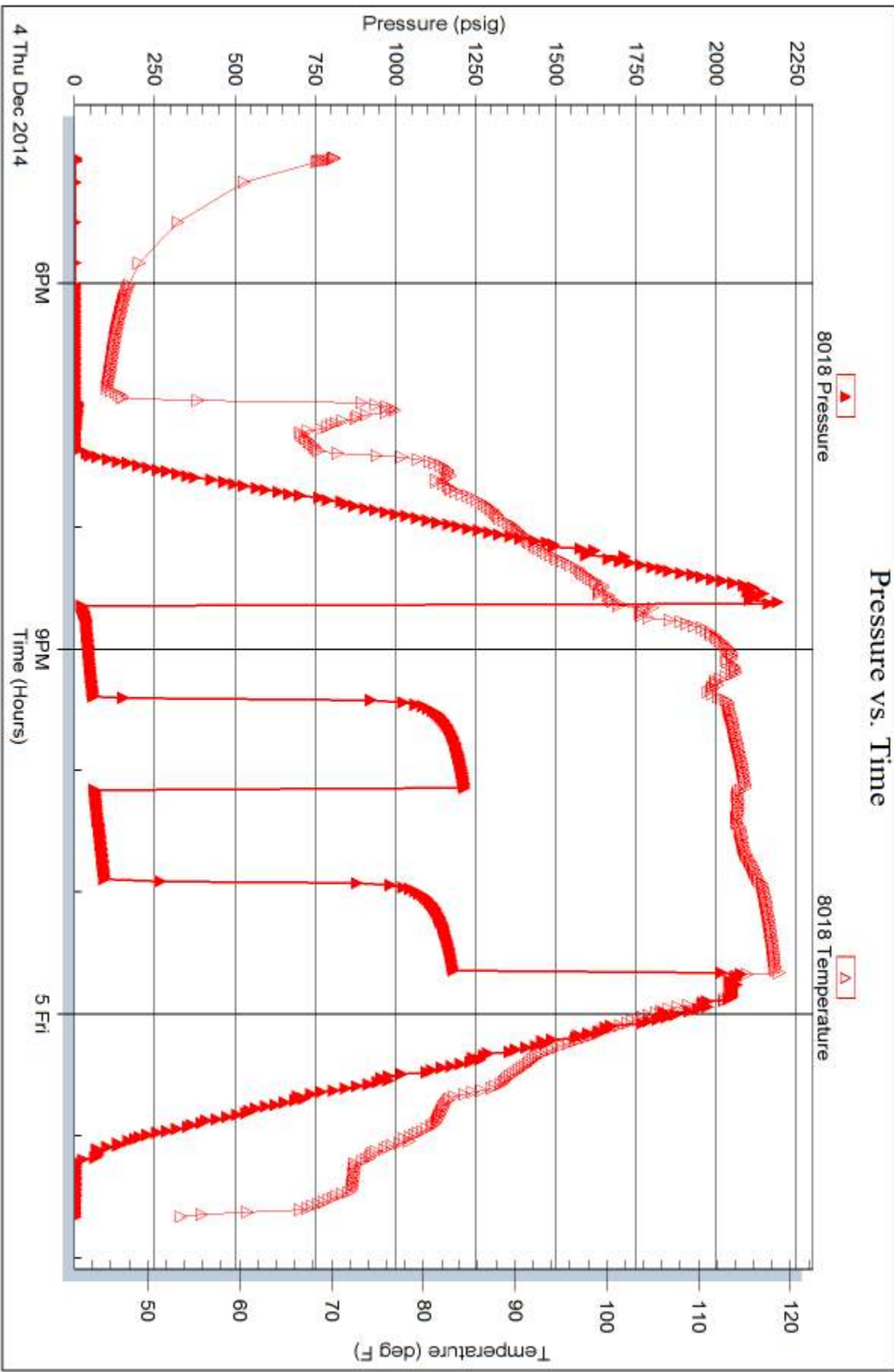
Serial #: 8018

Inside

American Warrior, Inc

Anslover #1-29

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 60989

Printed: 2014.12.10 @ 10:02:39



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 60987

Well Name & No. Anslover #1-29 Test No. 1 Date 12-3-14  
 Company American Warrior, Inc Elevation 2162 KB 2154 GL  
 Address 3118 Lamonts RD P.O. Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Jason Alm Rig Discovery Rig 3  
 Location: Sec. 29 Twp. 18s Rge. 21w Co. Ness State KS

Interval Tested 4125-4190 Zone Tested Fort Scott  
 Anchor Length 65' Drill Pipe Run 4087 Mud Wt. 9.4  
 Top Packer Depth 4120 Drill Collars Run 31 Vis 50  
 Bottom Packer Depth 4125 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4190 Chlorides 4,900 ppm System LCM 1

Blow Description IF Blow to 1 1/4"  
ISL Surface Return started at 8mins  
FF Surface Blow, Pulled Tool  
FSE N/A

Rec	Feet of	%gas	%oil	%water	%mud
<u>15'</u>	<u>VSGOLM</u>	<u>5</u>	<u>5</u>	<u>90</u>	
<u>0</u>	<u>OIP-30'</u>	<u>100</u>			

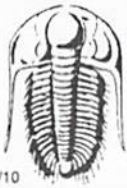
Rec Total 15' BHT 107 Gravity — API RW @ °F Chlorides — ppm

(A) Initial Hydrostatic 2,059  Test 1250 T-On Location 09:26  
 (B) First Initial Flow 20  Jars 250 T-Started 11:00  
 (C) First Final Flow 25  Safety Joint 75 T-Open 15:16  
 (D) Initial Shut-In 48  Circ Sub \_\_\_\_\_ T-Pulled 16:26  
 (E) Second Initial Flow 26  Hourly Standby \_\_\_\_\_ T-Out 18:45  
 (F) Second Final Flow \_\_\_\_\_  Mileage 104 RT 161.20  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,039  Straddle \_\_\_\_\_

Initial Open 30  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Ruined Packer \_\_\_\_\_  
 Final Flow 10, Pulled Tool  Extra Packer \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_  Extra Recorder \_\_\_\_\_  
 Sub Total 0  
 Total 1736.20  
 Sub Total 1736.20  Day Standby \_\_\_\_\_  
 MP/DST Disc't \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Wally Rose Thank You

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. 60988

Well Name & No. Anslaver #1-29 Test No. 2 Date 12-4-14  
 Company American Warrior, Inc Elevation 2162 KB 2154 GL  
 Address 3118 Cummins RD P.O. Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Jason Alon Rig Discovery Rig 3  
 Location: Sec. 29 Twp. 18S Rge. 21W Co. Ness State KS

Interval Tested 4249-4264 Zone Tested Miss  
 Anchor Length 15' Drill Pipe Run 4212 Mud Wt. 9.4  
 Top Packer Depth 4241 Drill Collars Run 31 Vis 50  
 Bottom Packer Depth 4249 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4264 Chlorides 4,900 ppm System LCM 1

Blow Description IF Built to 4'  
ISF No Return  
FF- Built to 2 1/4  
FSF No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>65'</u>	<u>SOWCM</u>	<u>10</u>	<u>40</u>	<u>50</u>	
<u>15'</u>	<u>0</u>	<u>100</u>			

Rec Total 80' BHT 115 Gravity 42 API RW 3 @ 46 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic 2138  Test 1250 T-On Location 03:23  
 (B) First Initial Flow 32  Jars 250 T-Started 03:47  
 (C) First Final Flow 39  Safety Joint 75 T-Open 07:37  
 (D) Initial Shut-In 1,165  Circ Sub \_\_\_\_\_ T-Pulled 10:37  
 (E) Second Initial Flow 42  Hourly Standby \_\_\_\_\_ T-Out 12:39  
 (F) Second Final Flow 48  Mileage 104 RT 161.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 1,086  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,151  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 45  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 45  Day Standby \_\_\_\_\_ Total 1736.20  
 Final Shut-In 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1736.20

Approved By \_\_\_\_\_ Our Representative Phillip Jay Thank You.

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 60989

Well Name & No. Anslover #1-29 Test No. 3 Date 12-4-14  
 Company American Warrior, Inc Elevation 2162 KB 2154 GL  
 Address 3118 Cummings RD P.O. Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Jason Alm Rig Discovery Rig 3  
 Location: Sec. 29 Twp. 18S Rge. 21W Co. Ness State KS

Interval Tested 4262-4272 Zone Tested Miss  
 Anchor Length 10' Drill Pipe Run 4213 Mud Wt. 9.3  
 Top Packer Depth 4257 Drill Collars Run 31 Vis 48  
 Bottom Packer Depth 4262 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4272 Chlorides 5,300 ppm System LCM 1

Blow Description IF- Buite to 9"  
ISI- No Return  
FF- Buite to 6"  
FSI- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>126'</u>	<u>SMCW</u>		<u>90</u>	<u>10</u>	
<u>15'</u>	<u>MCW</u>		<u>70</u>	<u>30</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 141' BHT 118 Gravity — API RW 1.4 @ 37° F Chlorides 36,000 ppm

(A) Initial Hydrostatic 2,160  Test 1250 T-On Location 16:47  
 (B) First Initial Flow 18  Jars 250 T-Started 16:58  
 (C) First Final Flow 58  Safety Joint 75 T-Open 20:39  
 (D) Initial Shut-In 1,213  Circ Sub \_\_\_\_\_ T-Pulled 23:39  
 (E) Second Initial Flow 60  Hourly Standby \_\_\_\_\_ T-Out 01:40  
 (F) Second Final Flow 91  Mileage 104 RT 161.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 1,178  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,093  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 45  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 45  Day Standby \_\_\_\_\_ Total 1736.20  
 Final Shut-In 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1736.20

Approved By \_\_\_\_\_ Our Representative Phil Rog Thank You!

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