



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Glenn 2-31
Doc ID	1148837

Tops

Name	Top	Datum
Anhydrite	1356	770
Heebner	3585	-1459
Lansing	3631	-1505
Base Kansas City	3948	-1822
Pawnee	4033	-1907
Cherokee	4128	-2002
Mississippian	4191	-2065
TD	4221	-2095

# **Geological Report**

American Warrior, Inc.

**Glenn #2-31**

1773' FSL & 217' FEL

Sec. 31 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Glenn #2-31  
1773' FSL & 217' FEL  
Sec. 31 T18s R21w  
Ness County, Kansas  
API # 15-135-25525-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason T Alm

Spud Date: January 27, 2013

Completion Date: February 4, 2013

Elevation: 2120' Ground Level  
2126' Kelly Bushing

Directions: Bazine KS, intersection of Austin St and Hwy 96,  
South 2 mi. to 110 Rd. East 1 mi. to EE Rd. North 1  
¼ mi. West and North into location.

Casing: 1372' 8 5/8" surface casing  
4221' 5 1/2" production casing

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

Drilling Time: 3550' to RTD

Electric Logs: None

Drillstem Tests: Three, Trilobite Testing, Inc. "Jim Svaty"

Problems: DST #2 Plugged nearly immediately during initial  
flow. Test was deemed a mis-run.

Remarks: None

## Formation Tops

	<b>American Warrior, Inc.</b> <b>Glenn #2-31</b> <b>Sec. 31 T18s R21w</b> <b>1773' FSL &amp; 217' FEL</b>
<b>Formation</b>	
Anhydrite	<b>1356', +770</b>
Base	<b>1390', +736</b>
Heebner	<b>3585', -1459</b>
Lansing	<b>3631', -1505</b>
BKc	<b>3948', -1822</b>
Pawnee	<b>4033', -1907</b>
Fort Scott	<b>4112', -1986</b>
Cherokee	<b>4128', -2002</b>
Mississippian	<b>4191', -2065</b>
Osage	<b>4207', -2081</b>
RTD	<b>4221', -2095</b>

## Sample Zone Descriptions

- Cherokee Sand (4136', -2010):**      **Covered in DST #1**  
 Ss – Quartz, clear to slightly frosted, fine grained, sub-rounded, fairly sorted, fairly cemented with poor to fair inter-granular porosity, light to fair scattered oil stain and saturation in cluster, slight show of free oil when broken, no odor, dull yellow fluorescents.
- Mississippian Osage (4207', -2081):**      **Covered in DST #2,3**  
 Dolo – Δ – Fine sucrosic crystalline fair inter-crystalline and vuggy porosity, very heavy triptolitic chert, weathered with good vuggy porosity, light to good oil stain and saturation, good show of free oil, good odor, bright yellow fluorescents, 45 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Jim Svaty"

**DST #1**

**Cherokee Sand**

Interval (4125' – 4150') Anchor Length 25'

IHP	– 1992 #	
IFP	– 30" – Built to ¾ in.	15-17 #
ISI	– 30" – Dead	31 #
FFP	– 15" – Dead	17-17 #
FHP	– 1905 #	
BHT	– 105°F	

Recovery: 3' Oil Spotted Mud

**DST #2**

**Mississippian Osage**

Interval (4208' – 4216') Anchor Length 8'

IHP	– 2135 #	
IFP	– 45" – Built to 2 in.	33-1185 #
ISI	– 45" – W.S.B.	1898 #
FFP	– 45" – Built to ¼ in.	446-1502 #
FSI	– 45" – W.S.B.	1360 #
FHP	– 1988 #	
BHT	– 119°F	

Recovery: 15' Oil Spotted Mud  
Test tool slid 12 feet to bottom, plugged throughout test

**DST #3**

**Mississippian Osage**

Interval (4209' – 4218') Anchor Length 9'

IHP	– 2155 #	
IFP	– 15" – B.O.B. 6 min.	30-76 #
ISI	– 30" – Built to 4 ½ in.	1245 #
FFP	– 15" – B.O.B. 7 ½ min.	94-123 #
FSI	– 30" – Built to 7 in.	1227 #
FHP	– 1984 #	
BHT	– 109°F	

Recovery: 335' GIP  
254' GCO  
30' WMCO 70% Oil, 10% Water

## Structural Comparison

Formation	American Warrior, Inc. Glenn #2-31 Sec. 31 T18s R21w 1773' FSL & 217' FEL	American Warrior, Inc. Glenn #1-31 Sec. 31 T18s R21w 1655' FSL & 1030' FEL	American Warrior, Inc. Schniepp-Margheim #1 Sec. 32 T18s R21w 1411' FSL & 480' FWL
	Anhydrite	1356', +770	1378', +752
Base	1390', +736	1412', +718	1399', +736
Heebner	3585', -1459	3592', -1462	3597', -1462
Lansing	3631', -1505	3638', -1508	3645', -1510
BKc	3948', -1822	2959', -1829	3962', -1827
Pawnee	4033', -1907	4042', -1912	4044', -1909
Fort Scott	4112', -1986	4122', -1992	4120', -1985
Cherokee	4128', -2002	4141', -2011	4137', -2002
Mississippian	4191', -2065	4210', -2080	4204', -2069
Osage	4207', -2081	4220', -2090	4211', -2076

## Summary

The location for the Glenn #2-31 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three 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 Glenn #2-31 well.

## Recommended Perforations

**Primary:**

**Mississippian Osage**

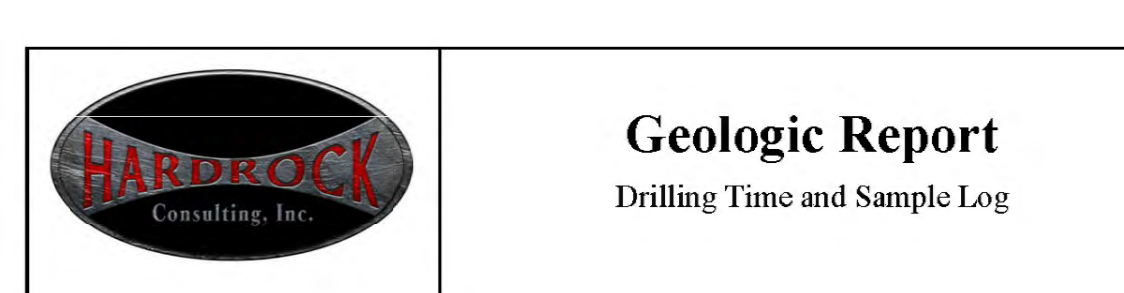
**(4207' – 4217')**

**DST #3**

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.





# Geologic Report

Drilling Time and Sample Log

Operator <b>American Warrior, Inc.</b>		KB Elevation 2126'
Lease <b>Glenn</b>	No. <b>2-31</b>	DF 2120'
API # <b>15-135-25525-0000</b>		GL 2120'
Field <b>DeWald North</b>		Casing Record Surface 8 5/8" @ 1372'
Location <b>1773' FSL &amp; 217' FEL</b>		Production 5 1/2" @ 4220'
Sec. <b>31</b> Twp. <b>18s</b> Rge. <b>21w</b>		Electrical Surveys None
County <b>Ness</b>	State <b>Kansas</b>	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite Base		1356' +770	+18
		1390' +736	+18
Heebner		3585' -1459	+3
Lansing		3631' -1505	+3
BKc		3948' -1822	+7
Pawnee		4033' -1907	+5
Fort Scott		4112' -1986	+6
Cherokee		4128' -2002	+9
Mississippian		4191' -2065	+15
Osage		4207' -2081	+9
<b>Total Depth</b>		<b>4221' -2095</b>	

Reference Well For Structural Comparison **American Warrior, Inc. Glenn #2-31**  
 1655' FSL & 1030' FEL Sec. 31 T18s R21w Ness Co. Kansas

Drilling Contractor	Petromark Drilling, L.L.C. Rig #1	
Commenced	1-27-2013	Completed 2-4-2013
Samples Saved From	3900'	To RTD
Drilling Time Kept From	3550'	To RTD
Samples Examined From	3900'	To RTD
Geological Supervision From	3900'	To RTD

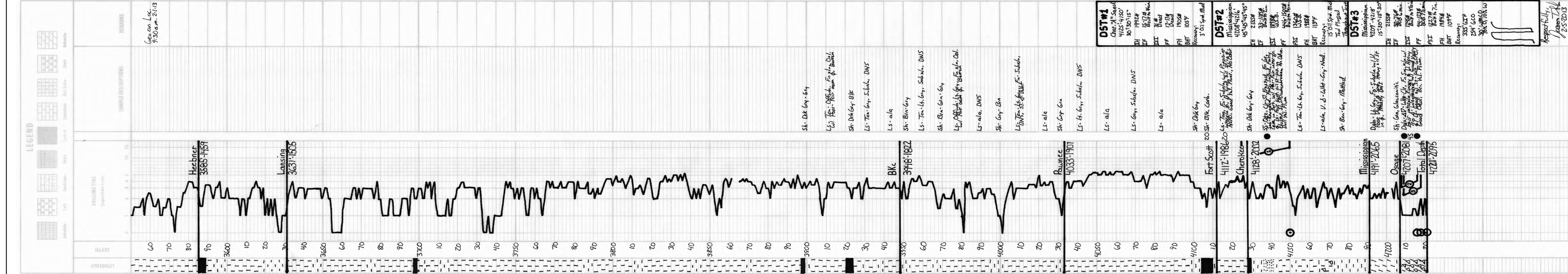
Displacement 3450' Mud Type Chemical

### Summary and Recommendations

The location for the Glenn #2-31 was found via 3-D seismic survey. The new well ran as expected via the survey. Three 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 Glenn #2-31 well.

Respectfully Submitted,

Jason T Alm  
 Hard Rock Consulting, Inc.





Services, Inc.

CHARGE TO: AMERICAN WARRIORS

TICKET NO: 23708

ADDRESS  
CITY, STATE, ZIP CODE

CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATION NESS City, KS	WELL/PROJECT NO. GLEN 2-31	COUNTY/STATE NESS	STATE KS	CITY RAZINE, KS	DATE 28 SAU 13	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR PETROMARK DRILLING	RIG NAME/NO.	SHIPPED VA	DELIVERED TO	ORDER NO.	
3. REFERRAL LOCATION	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 8 5/8 SURFACE	WELL PERMIT NO.	WELL LOCATION 15 1/2 N 1/4 W 1/4 N 15 TO	
INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 115	20	MI			1.00	120
576					PUMP CHARGE	1	CH			1850	1850
409					TOP PLUG	1	EA			100	100
410					TURBOCHARGER	4	EA			100	400
401					INSERT FLOAT W/D FILL	1	EA			250	250
281					MUD FLUSH	500	GA			1.05	608
281					LIQUID KCL	2	SAK			25	50
276					FLOCCLE	107	BS			2	214
290					D-AIR	7	GA			35	140
330					SWIFT MULTI DENSITY	4	STX			16.50	701.20
581					CEMENT SERVICE CHARGE	4	STX			2	850
583					DRAVAGE	4	STX			1	422.22

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: 29 JAN 13  
TIME SIGNED: 0230 P.M.

REMIT PAYMENT TO:  
SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2800

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TAX	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	11434		11434
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

SWIFT OPERATOR: [Signature]  
APPROVAL: [Signature]  
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2/28/13 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE GLENN 2-31

JOB TYPE 8 5/8 SURFACE

TICKET NO. 23798

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							ON LOCATION
	2320							START PIPE. 8 5/8 - 23 # RTD @ 1373' SET @ 1372' CENTRALIZERS 1, 4, 12, 27
	0101				✓			CIRCULATE.
	0115	6 1/2	212		✓		200	Pump 500 gal MUD FLUSH
		6 1/2	20		✓		200	Pump 20 Bbl KCL FLUSH
	0120							MIX SMD CEMENT.
		6 1/2	50 1/2		✓			100 sx @ 11.5 ppG.
		6 1/2	57 1/2		✓			150 sx @ 12.5 ppG.
		6 1/2	31		✓			100 sx @ 13.5 ppG.
		6 1/2	18		✓			75 sx @ 15.0 ppG.
	0145							WASH OUT Pump & LINES
	0148	6 1/2			✓			START DISPLACING PLUG.
	0204	Ø	86 1/2		✓		500	PLUG DOWN - SHUT WELL IN.
	0208							WASH TRUCK
	0230							JOB COMPLETE
								THANKS #115
								JASON JEFF DOUG



Services, Inc.

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

TICKET No 24103

PAGE 1 OF 2

SERIAL LOCATIONS: NESS CITY, KS. WELL-PROJECT NO: GLENN 2-31 NESS STATE: KS CITY: BAZINE, KS. DATE: 4 FEB 13 OWNER: 1 2

1. TICKET TYPE: CONTRACTOR PETROMARK DRILLING #1 RIG NAME NO. WELL CATEGORY: DEVELOPMENT JOB PURPOSE: SALONGSTRING WELL PERMIT NO. WELL LOCATION: 151E IN 1/4 W NE 1/4

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM.	QTY.	UM.	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	20	mi			7.00	140.00
578					PUMP CHARGE	1	hrs			1500.00	1500.00
402					CENTRALIZERS	5	EA			70.00	350.00
403					CEMENT BASKETS	1	EA			250.00	250.00
406					LATCH DOWN PLUG & BARELL	1	EA			250.00	250.00
407					INSERT FLOAT SHADE W/ AUTO FILL	1	EA			350.00	350.00
281					MUD FLUSH	500	gal			1.25	625.00
281					LIQUID KCL	2	gal			25.00	50.00

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: 4 FEB 13 TIME SIGNED: 2:00 PM

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TAX	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				3495.00		
WE UNDERSTOOD AND MET YOUR NEEDS?				456.01		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				805.60		
WE OBTAINED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
WAS YOU SATISFIED WITH OUR SERVICE?						
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

SWIFT OPERATOR: [Signature]  
Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 4 FEB 13 PAGE NO.

CUSTOMER  
AMERICAN WARRIOR TAX

WELL NO.

LEASE  
GLENN 2-31

JOB TYPE  
5/2 LONGSTRING

TICKET NO. 24103

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1415							ON LOCATION
	1645							START 5 1/2" CASING IN WELL
								TD-4221 SET=4220
								TP-4221 5 1/2" 15.5
								SS-43.31
								CENTRAIZERS - 1, 2, 3, 4, 80
								CMT BSKTS - 5
	1830							DROP BALL - CIRCULATE ROTATE
	1858	6 1/2	12		✓		300	PUMP 500 GAL MUD FLUSH
		6 1/2	20		✓		300	PUMP 20 BBLS KCL-FLUSH
	1903		7					PLUG RH (30SKS)
	1906	4 1/2	35		✓			MAX CEMENT - 145 SKS EA-2 = 15.4 PPG
	1914							WASH OUT PUMP - LINES
								RELEASE LATCH DOWN PLUG
	1916	6 1/2	0		✓			DISPLACE PLUG
								SHUT OFF ROTATING
	1933		99 1/2		✓		1500	PLUG DOWN - PSE UP LATCH IN PLUG
	1935						OK	RELEASE PRESSURE - HOLD
	1938							WASH TRUCK
	2000							JOB COMPLETE #115
								THANK YOU JASON JEFF JEREMY



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

TICKET CONTINUATION

TICKET No. 24103

CUSTOMER: **AMERTRAD LABORERS TAX** WELL: **GLENN 2-31** DATE: **1/18/13** PAGE: **2** OF: **2**

375	1	STANDARD CEMST	175 SWS	13.50	2362.50
276	1	FIDUCELE	50 LBS	2.00	100.00
283	1	SAT	900 LBS	20	180.00
284	1	CANSAI	8 SWS	35.00	280.00
292	1	HPAN-302	125 LBS	7.175	968.175
290	1	D-ADR	2 GAL	35.00	70.00
581	1	SERVICE CHARGE		2.00	350.00
582	1	TOTAL WEIGHT	18325	250.00	250.00
		LOADED MILES	20		
		CURB FEET	175		
		TOT MILES	183.25		
					4561.25



Services, Inc.

CHARGE TO: American Warrior  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET No 23812

PAGE 1 OF 1

1. SERVICE LOCATION: Midway KS WEL/PROJECT NO: 2-31 LEASE: Glenn COUNTY/PARISH: Lebo STATE: KS CITY: Bazium DATE: 8 Feb 13 OWNER: \_\_\_\_\_  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: \_\_\_\_\_ RIG NAME/NO.: \_\_\_\_\_ SHIPPED: Y DELIVERED TO: \_\_\_\_\_ ORDER NO.: \_\_\_\_\_  
 3. WELL TYPE: 0.1 WELL CATEGORY: Development JOB PURPOSE: count off bedside WELL PERMIT NO.: \_\_\_\_\_ WELL LOCATION: 1-2 north wtr  
 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	42	mi.			6.00	120.00
576.5					Pump Charge	1	ea			1000.00	1000.00
330					SUB cont	1	ea			6.50	2062.50
276					Floater	25	lb			2.00	50.00
290					D-air	1	ea			35.00	35.00
581					Service charge	125	hr			2.00	250.00
582					Dragee (minimum)	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: 5 Feb TIME SIGNED: 1:50  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?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 3767.50

TAX: 7.55

TOTAL: 3902.79

SWIFT OPERATOR: RCYH APPROVAL: \_\_\_\_\_

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: \_\_\_\_\_

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 8 Feb 13 PAGE NO. 4

CUSTOMER American Warrior WELL NO. 2-31 LEASE Schnuripp JOB TYPE Cement 8 1/2' outside TICKET NO. 23812

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 lbs SMD cement w/ 1/4" Floccle 5 1/2 casing
	1340							on loc TRK 114
	1400						500	pressure 5 1/2 casing to 500psi shut in
		2	2				5 1/2	
	1420	2					500	inj rate 2 bpm @ 500psi mix SMD cement @ 12.7 ppg 125 lbs
	1440	2	45				550	kickout - holding 150 psi
							150	shut in
	1445							wash truck
								rack up
	1515							job complete
								Thanks Doug, Dave & BIAINE





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
 3118 Cummings Rd  
 PO Box 399  
 Garden City, Ks 67646  
 ATTN: Jason Alm

**31 18s 21w Ness**

**Glenn # 2 - 31**

Job Ticket: 50315

**DST#: 3**

Test Start: 2013.02.03 @ 23:40:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: 2124.00 ft (KB)

Time Tool Opened: 02:28:50

Time Test Ended: 06:40:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 41

**Interval: 4209.00 ft (KB) To 4218.00 ft (KB) (TVD)**

Reference Elevations: 2124.00 ft (KB)

Total Depth: 4218.00 ft (KB) (TVD)

2119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6752 Inside**

Press @ Run Depth: 123.11 psig @ 4215.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.03

End Date:

2013.02.04

Last Calib.: 2013.02.04

Start Time: 23:40:01

End Time:

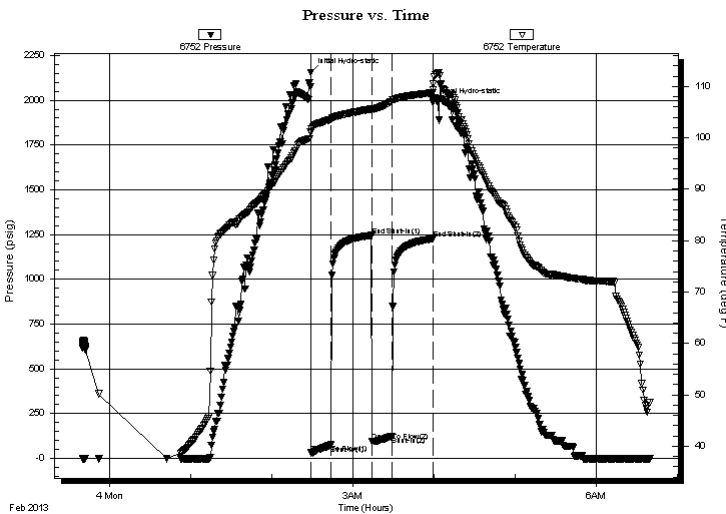
06:39:20

Time On Btm: 2013.02.04 @ 02:28:40

Time Off Btm: 2013.02.04 @ 03:59:10

**TEST COMMENT:** 15-IFP- BOB in 6min.  
 30-ISIP- Surface Blow Building to 4 1/2in.  
 15-FFP- BOB in 7 1/2min.  
 30-FSIP- Surface Blow Building to 7in.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.54	101.25	Initial Hydro-static
1	30.42	100.96	Open To Flow (1)
15	75.62	103.60	Shut-In(1)
45	1245.17	105.61	End Shut-In(1)
46	94.66	105.55	Open To Flow (2)
61	123.11	107.11	Shut-In(2)
91	1227.07	108.77	End Shut-In(2)
91	1984.95	109.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	WMCO 10%w 20%m 70%o	0.15
254.00	Free Oil 100%	2.74
0.00	335 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc.

**31 18s 21w Ness**

3118 Cummings Rd  
PO Box 399  
Garden City, Ks 67646  
ATTN: Jason Alm

**Glenn # 2 - 31**

Job Ticket: 50315

**DST#: 3**

Test Start: 2013.02.03 @ 23:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	WMCO 10%w 20%m 70%o	0.148
254.00	Free Oil 100%	2.743
0.00	335 GIP	0.000

Total Length: 284.00 ft      Total Volume: 2.891 bbl

Num Fluid Samples: 0

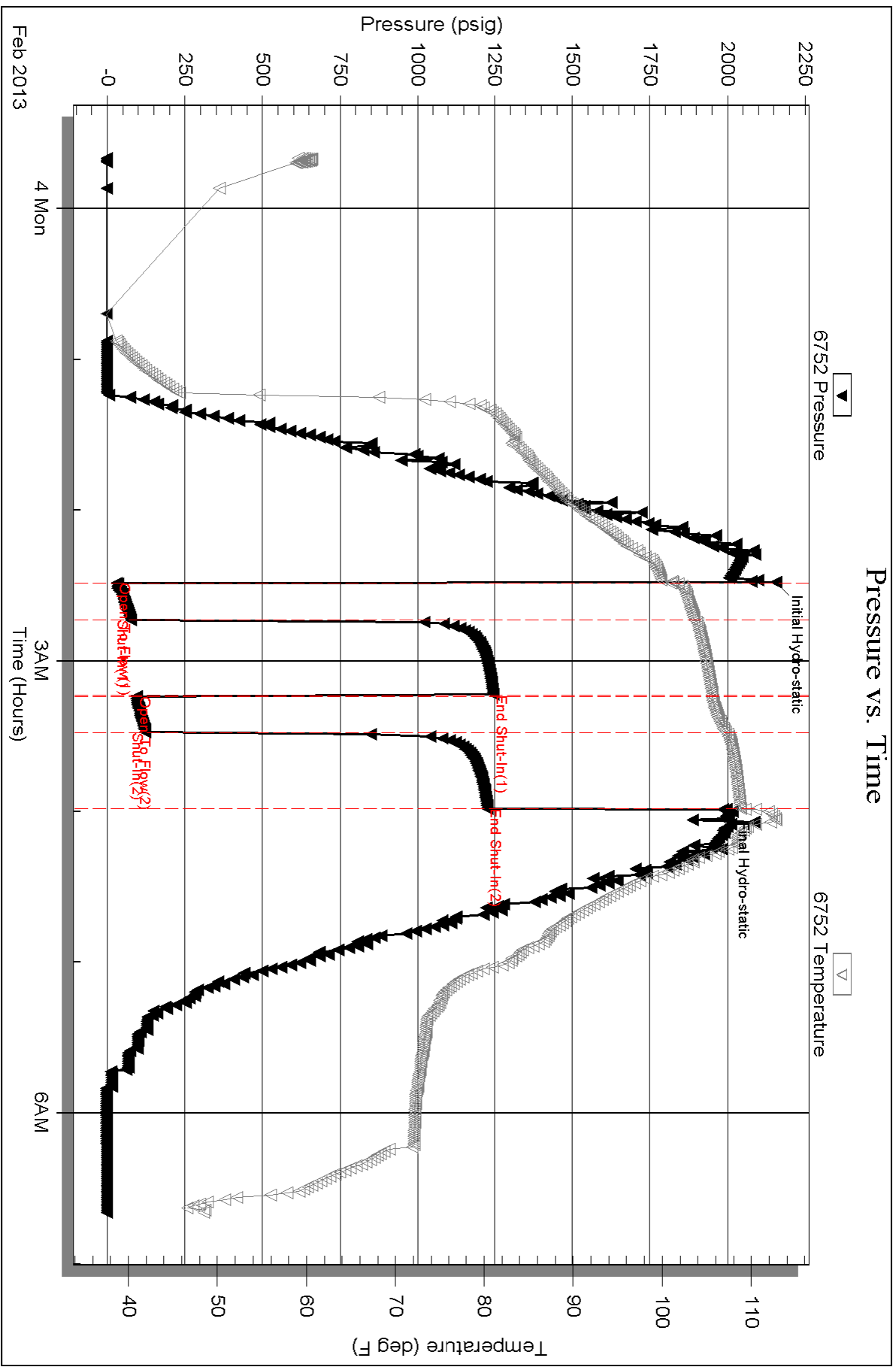
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
3118 Cummings Rd  
PO Box 399  
Garden City, Ks 67646  
ATTN: Jason Alm

**31 18s 21w Ness**

**Glenn # 2 - 31**

Job Ticket: 50314

**DST#: 2**

Test Start: 2013.02.03 @ 09:51:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: 2124.00 ft (KB)

Time Tool Opened: 12:37:00

Time Test Ended: 17:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 41

**Interval: 4208.00 ft (KB) To 4216.00 ft (KB) (TVD)**

Reference Elevations: 2124.00 ft (KB)

Total Depth: 4216.00 ft (KB) (TVD)

2119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6752 Inside**

Press @ Run Depth: 1502.80 psig @ 4213.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.03

End Date:

2013.02.03

Last Calib.:

2013.02.03

Start Time: 09:51:01

End Time:

17:49:20

Time On Btm:

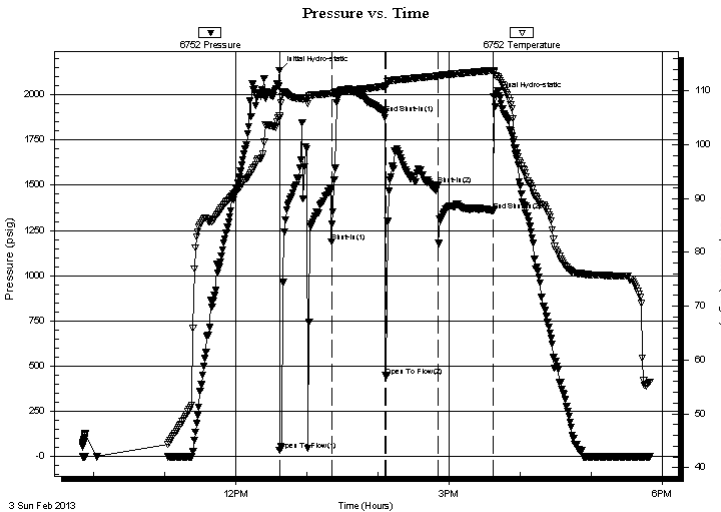
2013.02.03 @ 12:36:50

Time Off Btm:

2013.02.03 @ 15:37:39

**TEST COMMENT:** 45-IFP- Surface Blow Building to 2in.  
45-ISIP- Surface Blow in 3min.  
45-FFP- Surface Blow Building to 1/4in.  
45-FSIP-Weak Surface Blow in 12min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.20	105.26	Initial Hydro-static
1	33.85	104.95	Open To Flow (1)
44	1185.85	109.49	Shut-In(1)
89	1898.69	110.84	End Shut-In(1)
90	446.68	110.62	Open To Flow (2)
134	1502.80	112.74	Shut-In(2)
181	1360.67	113.76	End Shut-In(2)
181	1988.76	113.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100% Show of Oil	0.07

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc.

**31 18s 21w Ness**

3118 Cummings Rd  
PO Box 399  
Garden City, Ks 67646  
ATTN: Jason Alm

**Glenn # 2 - 31**

Job Ticket: 50314

**DST#: 2**

Test Start: 2013.02.03 @ 09:51:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.97 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100% Show of Oil	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

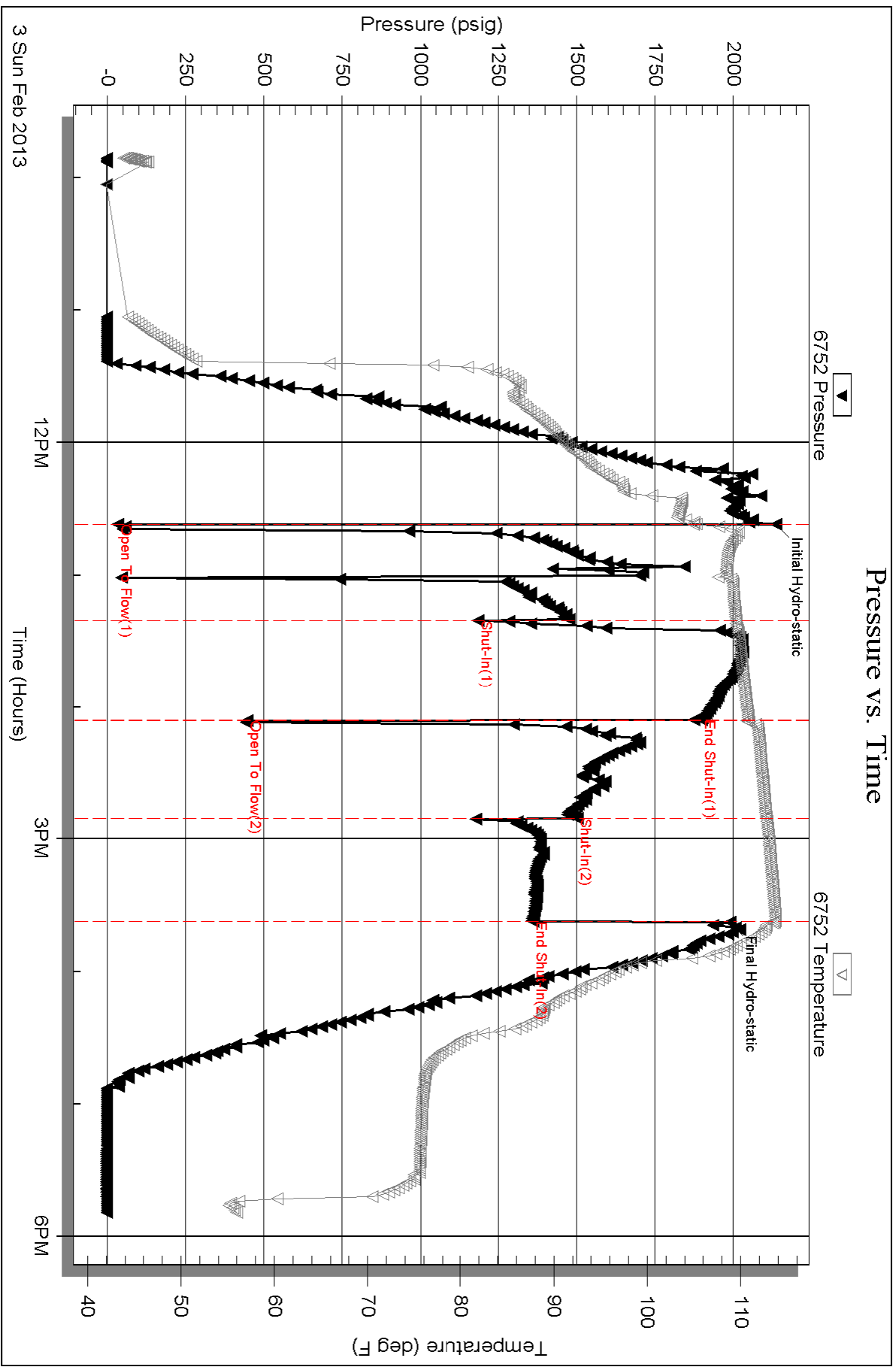
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
 3118 Cummings Rd  
 PO Box 399  
 Garden City, Ks 67646  
 ATTN: Jason Alm

**31 18s 21w Ness**

**Glenn # 2 - 31**

Job Ticket: 50313

**DST#: 1**

Test Start: 2013.02.02 @ 18:40:00

## GENERAL INFORMATION:

Formation: **Cherokee " A " Sand**

Deviated: No Whipstock: 2124.00 ft (KB)

Time Tool Opened: 22:20:00

Time Test Ended: 01:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 41

Interval: **4125.00 ft (KB) To 4150.00 ft (KB) (TVD)**

Reference Elevations: 2124.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

2119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6752 Inside**

Press @ Run Depth: 17.11 psig @ 4147.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.02

End Date: 2013.02.03

Last Calib.: 2013.02.03

Start Time: 18:40:01

End Time: 01:42:30

Time On Btm: 2013.02.02 @ 22:19:50

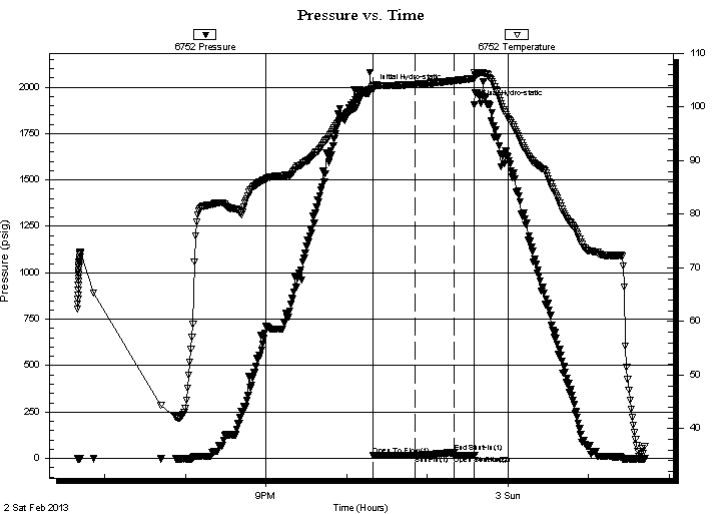
Time Off Btm: 2013.02.02 @ 23:35:20

TEST COMMENT: 30-IFP- Surface Blow Building to 3/4in. in 5min. Died Back in 20min.

30-ISIP- No Blow

15-FFP- No Blow

Pulled



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.34	103.99	Initial Hydro-static
1	15.05	103.26	Open To Flow (1)
32	17.11	104.18	Shut-In(1)
61	30.85	104.90	End Shut-In(1)
61	17.13	104.90	Open To Flow (2)
76	17.55	105.34	Shut-In(2)
76	1905.18	106.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Oil Speck Med 100%	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc.

**31 18s 21w Ness**

3118 Cummings Rd  
PO Box 399  
Garden City, Ks 67646  
ATTN: Jason Alm

**Glenn # 2 - 31**

Job Ticket: 50313

**DST#: 1**

Test Start: 2013.02.02 @ 18:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 6.80 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Oil Speck Med 100%	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



