



KANSAS CORPORATION COMMISSION 1081942  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: 3118 Cummings Rd  
Address 2: PO BOX 399  
City: GARDEN CITY State: KS Zip: 67846 + \_\_\_\_\_  
Contact Person: Scott Corsari  
Phone: ( 785 ) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

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 #: \_\_\_\_\_

12/15/2011    12/22/2011    01/19/2012

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

API No. 15 - 15-135-25324-00-00

Spot Description: \_\_\_\_\_

SE NE NW SE Sec. 34 Twp. 18 S. R. 21  East  West

1995 Feet from  North /  South Line of Section

1530 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: Price Well #: 12

Field Name: Ryerse NW

Producing Formation: Mississippian

Elevation: Ground: 2197 Kelly Bushing: 2203

Total Depth: 4262 Plug Back Total Depth: 4260

Amount of Surface Pipe Set and Cemented at: 223 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2407 Feet

If Alternate II completion, cement circulated from: 2407

feet depth to: 0 w/ 250 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 25000 ppm Fluid volume: 160 bbls

Dewatering method used: Evaporated

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: Deanna Garrisor Date: 05/21/2012



1081942

Operator Name: American Warrior, Inc. Lease Name: Price Well #: 12  
 Sec. 34 Twp. 18 S. R. 21  East  West County: Ness

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Dual Induction, Dual Compensated Porosity Dual Receiver Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	223	Common	150	2% gel, 3% CC
Production	7.875	5.5	15.5	4261	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2407	SMD	250	1/4# Flocele

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
4	4253-4259		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4256</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>01/19/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u>	Gas Mcf <u>55</u>	Water Bbls. Gas-Oil Ratio Gravity <u>55</u> <u> </u> <u>40</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4253-4259</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Price 12
Doc ID	1081942

Tops

Name	Top	Depth
Anhydrite	1403	800
Chase	2278	-75
Heebner	3648	-1445
Base Kansas City	4008	-1805
Pawnee	4092	-1889
Ft. Scott	4161	-1958
Cherokee	4176	-1973
Mississippian	4252	-2049
TD	4262	-2059



# ALLIED

CEMENTING CO., LLC  
Cementing & Acidizing Services

## CEMENTING LOG

STAGE NO. \_\_\_\_\_

CEMENT DATA:

Spacer Type: Freshwater  
Amt. 5 bbl Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time 4.5 minutes hrs. Type Com 3% cc 2% gel  
Excess 100 excess

Amt. 150 Skys Yield 1.341 ft<sup>3</sup>/sk Density 15.2 PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail 6.51 gals/sk Total 23.25 Bbls.

Pump Trucks Used 398 Duxton C

Bulk Equip. 497-198 Jimmy H / Vince P

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type Freshwater Amt. 13.25 Bbls. Weight 8.34 PPG

Mud Type nutrol Weight 9.1 PPG

Date 12-16-11 District Great Bend, KS Ticket No. 412318

Company American Warrior Inc Rig Petromax 2 Rig #1

Lease Piece Well No. 1

County Ness State KS

Location Basins 25 East to Rd 44 Field \_\_\_\_\_

South West 1/4

CASING DATA: Conductor  PTA  Squeeze  Misc   
Surface  Intermediate  Production  Liner

Size 8 5/8 Type 11.4 Weight 23.4 Collar Secund

Casing Depths: Top 213 Bottom 223

Drill Pipe: Size 4 1/2 Weight \_\_\_\_\_ Collars 4 hole

Open Hole: Size 12 1/4 T.D. 223 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70

Open Holes: Bbls/Lin. ft. 11458 Lin. ft./Bbl. 6.95

Drill Pipe: Bbls/Lin. ft. 10142 Lin. ft./Bbl. 70.32

Annulus: Bbls/Lin. ft. 12735 Lin. ft./Bbl. 13.60

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER B. B. O.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location - Rig up
						Safety meeting
						Run casing - Break circulation
						Rig up cement pump
						Start Freshwater
				<u>5.00 bbl</u>		Freshwater in - start cement
			<u>28.25</u>	<u>23.25</u>		Cement in
						Start displacement
			<u>41.5</u>	<u>13.25</u>		Cement did circulate
						Displacement in - plug down - stop pumps





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

TICKET  
 No. **22602**

PAGE 1 OF 2

1. SERVICE LOCATION: Ness City, KS WELL/PROJECT NO.: #12 LEASE: Price COUNTY/PARISH: Ness STATE: KS CITY: Bazine DATE: 22 DEC 11 OWNER:  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: Petromax RIG NAME/NO.: 1 SHIPPED VCT: location ORDER NO.:  
 3. WELL TYPE: o.i WELL CATEGORY: Development JOB PURPOSE: cement log string WELL PERMIT NO.: WELL LOCATION: 34-185-21W  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	25				6.00	150.00
578		1			Pump Charge	1				1500.00	1500.00
402		1			Centralizer	5 1/2		10	ea	70.00	700.00
403		1			Cement Basket	5 1/2		3	ea	250.00	750.00
404		1			Port Collar	5 1/2		1	ea	2400.00	2400.00
406		1			Latch down plug & baffle	5 1/2		1	ea	250.00	250.00
407		1			Import Float Shoe w/ AUTO FILL	5 1/2		1	ea	350.00	350.00
419		1			Rotating head Rental	5 1/2		1	ea	200.00	200.00

**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

X  
 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	AGREE	UN-DECIDED	DIS-AGREE	PAGE 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?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: ABH APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 22 Dec 11 PAGE NO. 1

CUSTOMER American Warrior WELL NO. #12 LEASE PRICE JOB TYPE Cement long string TICKET NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 w/ floccs TD 4261'
								5 1/2" 15.5# casing 102 joints
								Pump collar #44 2407' string 4212'
								By the 4219' Prod 4,44,70
								(Contract 1, 2, 3, 4, 13, 45, 46, 47, 48, 49
	1400							on loc TRK 114
	1645							start 5 1/2" 15.5# casing in well
	1840							Drop ball - circulate - ROTATE
	1925	4 3/4	12				200	Pump 500 gal mud flush
		4 3/4	70				200	Pump 20 bbl KCL flush
	1933		7					Plug RH - 30 sks
	1940	4 3/4	34				200	mix EA-2 145 sks @ 15.37PPG
	1947							Drop latch down plug
								wash out pump & lines
	1950	6 3/4					200	Displace plug
		6 3/4	85				500	
	2000	6 3/4	101				1500	Land plug
	2005							Release pressure to truck - dried up
								wash truck
	2045							Back up
								job complete
								Thanks
								Lane, Blaine, Wayne & Dave



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

TICKET CONTINUATION

TICKET No. 22602

CUSTOMER American Warrior WELL PRICE \* 12 DATE 22 DEC 11 PAGE 2 OF 2

325	1		Standard Cement (50 EA-c)	175 sk		13 50	2362 50
284	1		cal seal	800 lb	8 sk	35 00	280 00
283	1		salt	900 lb		0 40	180 00
292	1		halad-322	125 lb		7 75	968 75
276	1		Floccle	50 lb		2 00	100 00
281	1		Mud Flush	500 gal		1 25	625 00
221	1		KCL liquid	2 gal		25 00	50 00
290	1		D-AIR	3 gal		35	105 00
582	1		Drainal (min)	175 sc	1 cu	250 00	250 00
581	1		SERVICE CHARGE	175		2 00	350 00
				TOTAL WEIGHT	LOADED MILES	TON MILES	





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

TICKET  
 N° **22604**

PAGE 1 OF 1

1. SERVICE LOCATIONS: Ness City, KS WELL/PROJECT NO.: 12 LEASE: Price COUNTY/PARISH: Ness STATE: KS CITY: Bazine DATE: 29 Dec 11 OWNER:  
 2. TICKET TYPE:  SERVICE CONTRACTOR: HD RIG NAME/NO.: SHIPPED: WCT DELIVERED TO: location ORDER NO.:  
 3. WELL TYPE: oil WELL CATEGORY: Development JOB PURPOSE: cement port collar WELL PERMIT NO.: WELL LOCATION: 34-KS-21W  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20				6.00	<del>120</del> 120.00
576D		1			Pump Charge					12.50	1250.00
330		1			SMD cement	<del>250</del>		250	sk	16.50	4125.00
276		1			flocle	75			lb	2.00	150.00
287		1			Gas stop	100			lb	8.00	800.00
583		1			Drayage	27465		27465	TV	1.00	27465.00
581		1			Service Charge	275			sk	2.00	550.00
290		1			D-AIR	2				35.00	70.00
104		1			Port Collar Tool Rental	1				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

x Scott  
 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	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<del>7589.65</del>
WE UNDERSTOOD AND MET YOUR NEEDS?				7589.65
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		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

7.55 TAX @ 3.8%  
 339.89

7929.54

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: Scott APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 29 Dec 11 PAGE NO. 1

CUSTOMER: *Ampro Gas Well Co* WELL NO. *12* LEASE: *Prison* JOB TYPE: *Cement port collar* TICKET NO. *22604*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>225 sks SMD w/ 3/4" Floater</i>
								<i>50 sks SMD w/ 1/2" floater &amp; gas stop</i>
								<i>PC @ 2407' 28' 53"</i>
	<i>0930</i>							<i>on loc TRV 114</i>
	<i>1010</i>					<i>100</i>	<i>100</i>	<i>rest to 1000 ps - hold</i>
		<i>3</i>	<i>3</i>					<i>open port collar tool</i>
						<i>300</i>		<i>inj rate 3 @ 300</i>
	<i>1020</i>	<i>2 1/2</i>				<i>200</i>		<i>mix SMD cement @ 11.2 ppg</i>
		<i>2 1/2</i>	<i>1</i>			<i>250</i>		<i>fluid to surface</i>
		<i>3</i>	<i>5</i>			<i>300</i>		
		<i>3</i>	<i>110</i>			<i>450</i>		<i>su. to gas stop cement</i>
		<i>3</i>	<i>116</i>			<i>450</i>		<i>cement to surface</i>
	<i>1105</i>	<i>3</i>	<i>126</i>			<i>450</i>		<i>kickout</i>
		<i>3</i>	<i>9</i>			<i>500</i>		<i>Displace w/ 9 bbl H<sub>2</sub>O</i>
								<i>close port collar</i>
	<i>1130</i>							<i>Run 8 joints</i>
								<i>Reverse out</i>
			<i>25</i>					<i>2 cement floater - hole clean</i>
								<i>Wash truck</i>
								<i>pull tool from hole</i>
	<i>1100</i>							<i>job complete</i>
								<i>Thunter</i>
								<i>Doug. Davis 610122</i>

*250 sks total cement  
30 joints top +*

# **Geological Report**

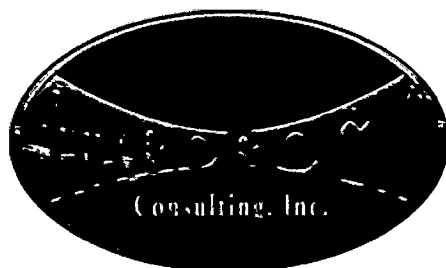
American Warrior, Inc.

**Price #12**

1995' FSL & 1530' FEL

Sec. 34 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Price #12  
1995' FSL & 1530' FEL  
Sec. 34 T18s R21w  
Ness County, Kansas  
API # 15-135-25324-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason Alm

Spud Date: December 15, 2011

Completion Date: December 22, 2011

Elevation: 2197' Ground Level  
2203' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to HH Rd. South 1 mi.  
West and South into location.

Casing: 223' 8 5/8" surface casing  
4260' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Kenyon Bange"  
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Remarks: None

## Formation Tops

Formation	American Warrior, Inc. Price #12 Sec. 34 T18s R21w 1995' FSL & 1530' FEL
Anhydrite	1403', +800
Base	1439', +764
Chase	2278', -75
Heebner	3648', -1445
Lansing	3694', -1491
BKc	4008', -1805
Pawnee	4092', -1889
Fort Scott	4161', -1958
Cherokee	4176', -1973
Mississippian	4252', -2049
RTD	4262', -2059
LTD	4261', -2058

## Sample Zone Descriptions

- Cherokee "C" Sand (4236', -2033):**      **Covered in DST #1**  
 Ss – Quartz, Clear, medium to coarse grained, poorly sorted, fairly cemented, sub-rounded with fair to good inter-granular porosity, very friable, light to good oil stain in porosity, show of free oil, light odor, fair yellow fluorescents in cluster, 22 units hotwire.
- Mississippian Osage (4252', -2049):**      **Covered in DST #2**  
 Dolo – Δ – Fine sucrosic crystalline with good vuggy and inter-crystalline porosity, very heavy triptolitic chert with good vuggy porosity, light to good oil stain in porosity, show of free oil, good odor, good yellow fluorescents, 50 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Ray Schwager"

**DST #1**

**Cherokee "C" Sand**

Interval (4175' - 4245') Anchor Length 70'

IHP	- 2031 #	
IFP	- 5" - B.O.B. 3 min.	65-119 #
ISI	- 15" - W.S.B.	360 #
FFP	- 5" - B.O.B. 4 min.	165-173 #
FSI	- 15" - W.S.B.	346 #
FHP	- 1998 #	
BHT	- 108°F	

Recovery: 165' Muddy Water  
125' Water w/ show of oil in tool

**DST #2**

**Mississippian Osage**

Interval (4255' - 4262') Anchor Length 7'

IHP	- 2060 #	
IFP	- 10" - B.O.B. 3 min.	58-142 #
ISI	- 30" - W.S.B.	1139 #
FFP	- 10" - B.O.B. 5 min.	139-199 #
FSI	- 30" - W.S.B.	1127 #
FHP	- 2033 #	
BHT	- 120°F	

Recovery: 62' GIP  
290' G&WCO 70% Oil, 20% Water  
124' SOCW 5% Oil, 95% Water

## Structural Comparison

Formation	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	Price #12	Price #6		Price #4	
	Sec. 34 T18s R21w 1995' FSL & 1530' FEL	Sec. 34 T18s R21w 2310' FSL & 660' FEL		Sec. 34 T18s R21w 2640' FNL & 1830' FEL	
Anhydrite	1403', +800	1405', +800	FL	1402', +795	(+5)
Base	1439', +764	NA	NA	NA	NA
Chase	2278', -75	NA	NA	NA	NA
Heebner	3648', -1445	3647', -1442	(-3)	3644', -1447	(+2)
Lansing	3694', -1491	3691', -1486	(-5)	3690', -1493	(+2)
BKc	4008', -1805	NA	NA	NA	NA
Pawnee	4092', -1889	4093', -1888	(-1)	NA	NA
Fort Scott	4161', -1958	4160', -1955	(-3)	NA	NA
Cherokee	4176', -1973	4177', -1972	(-1)	NA	NA
Osage	4252', -2049	4254', -2049	FL	4254', -2057	(+8)

## Summary

The location for the Price #12 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 5½ inch production casing to further evaluate the Price #12 well.

## Recommended Perforations

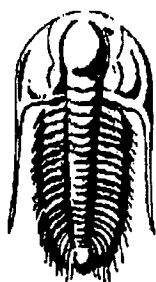
<b>Primary:</b>		
Mississippian	(4252' – 4258')	DST #2
<b>Secondary:</b>		
Krider	(2278' – 2284') (2287' – 2292')	Not Tested
Winfield	(2332' – 2338')	Not Tested

Respectfully Submitted,

Jason T. Alm  
Hard Rock Consulting, Inc.







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Scott Corsair

**Price #12**

**34-18s-21w Ness,KS**

Start Date: 2011.12.21 @ 08:40:41

End Date: 2011.12.21 @ 14:05:05

Job Ticket #: 46018                      DST #: 1

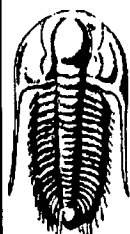
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.22 @ 11:31:28

American Warrior Inc    34-18s-21w Ness,KS    Price #12    DST # 1    Cherokee Sand    2011.12.21



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City KS 67846  
 ATTN: Scott Corsair

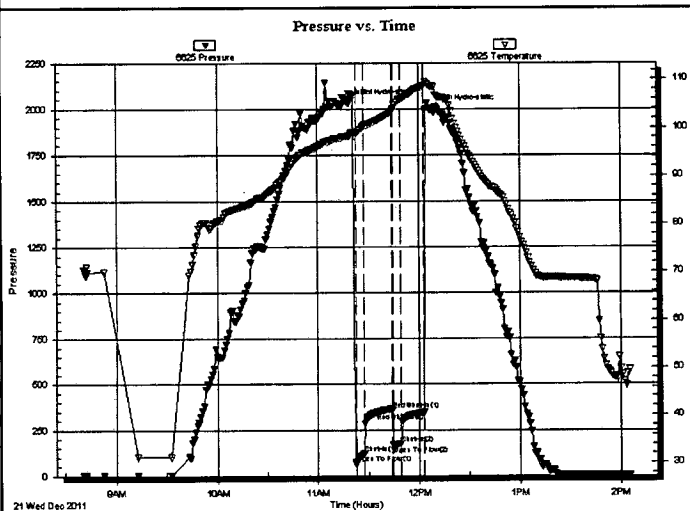
**34-18s-21w Ness, KS**  
**Price #12**  
 Job Ticket: 46018      **DST#: 1**  
 Test Start: 2011.12.21 @ 08:40:41

## GENERAL INFORMATION:

Formation: **Cherokee Sand**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 11:22:36  
 Tester: Ray Schwager  
 Time Test Ended: 14:05:05  
 Unit No: 42  
 Interval: **4175.00 ft (KB) To 4245.00 ft (KB) (TVD)**  
 Reference Elevations: 2203.00 ft (KB)  
 Total Depth: 4245.00 ft (KB) (TVD)  
 2197.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 6.00 ft

**Serial #: 6625**      **Inside**  
 Press@RunDepth: 172.98 psig @ 4179.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2011.12.21      End Date: 2011.12.21      Last Calib.: 2011.12.21  
 Start Time: 08:40:41      End Time: 14:05:05      Time On Btm: 2011.12.21 @ 11:18:36  
 Time Off Btm: 2011.12.21 @ 12:06:36

**TEST COMMENT:** 5-IFP-strg bl in 3 min  
 15-ISIP-surface bl bk  
 5-FFP-strg bl in 4 min  
 15-FSIP-surface bl bk



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.07	98.17	Initial Hydro-static
4	65.63	98.77	Open To Flow (1)
9	119.20	100.29	Shut-in(1)
26	360.64	103.26	End Shut-in(1)
26	165.31	103.83	Open To Flow (2)
31	172.98	105.67	Shut-in(2)
45	345.95	108.61	End Shut-in(2)
48	1998.23	108.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
165.00	MW 40% M60% W	1.22
125.00	Water w/show of oil on top of tool	1.75

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc

**34-18s-21w Ness, KS**

PO Box 399  
Garden City KS 67846

**Price #12**

Job Ticket: 46018

**DST#: 1**

ATTN: Scott Corsair

Test Start: 2011.12.21 @ 08:40:41

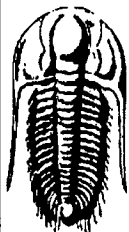
### Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4175.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4148.00	
Shut In Tool	5.00			4153.00	
Hydraulic tool	5.00			4158.00	
Jars	5.00			4163.00	
Safety Joint	2.00			4165.00	
Packer	5.00			4170.00	28.00 Bottom Of Top Packer
Packer	5.00			4175.00	
Stubb	1.00			4176.00	
Perforations	3.00			4179.00	
Recorder	0.00	6625	Inside	4179.00	
Recorder	0.00	8700	Outside	4179.00	
Blank Spacing	63.00			4242.00	
Bullnose	3.00			4245.00	70.00 Bottom Packers & Anchor

**Total Tool Length: 98.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Scott Corsair

**34-18s-21w Ness, KS**  
**Price #12**  
Job Ticket: 46018      **DST#: 1**  
Test Start: 2011.12.21 @ 08:40:41

**Mud and Cushion Information**

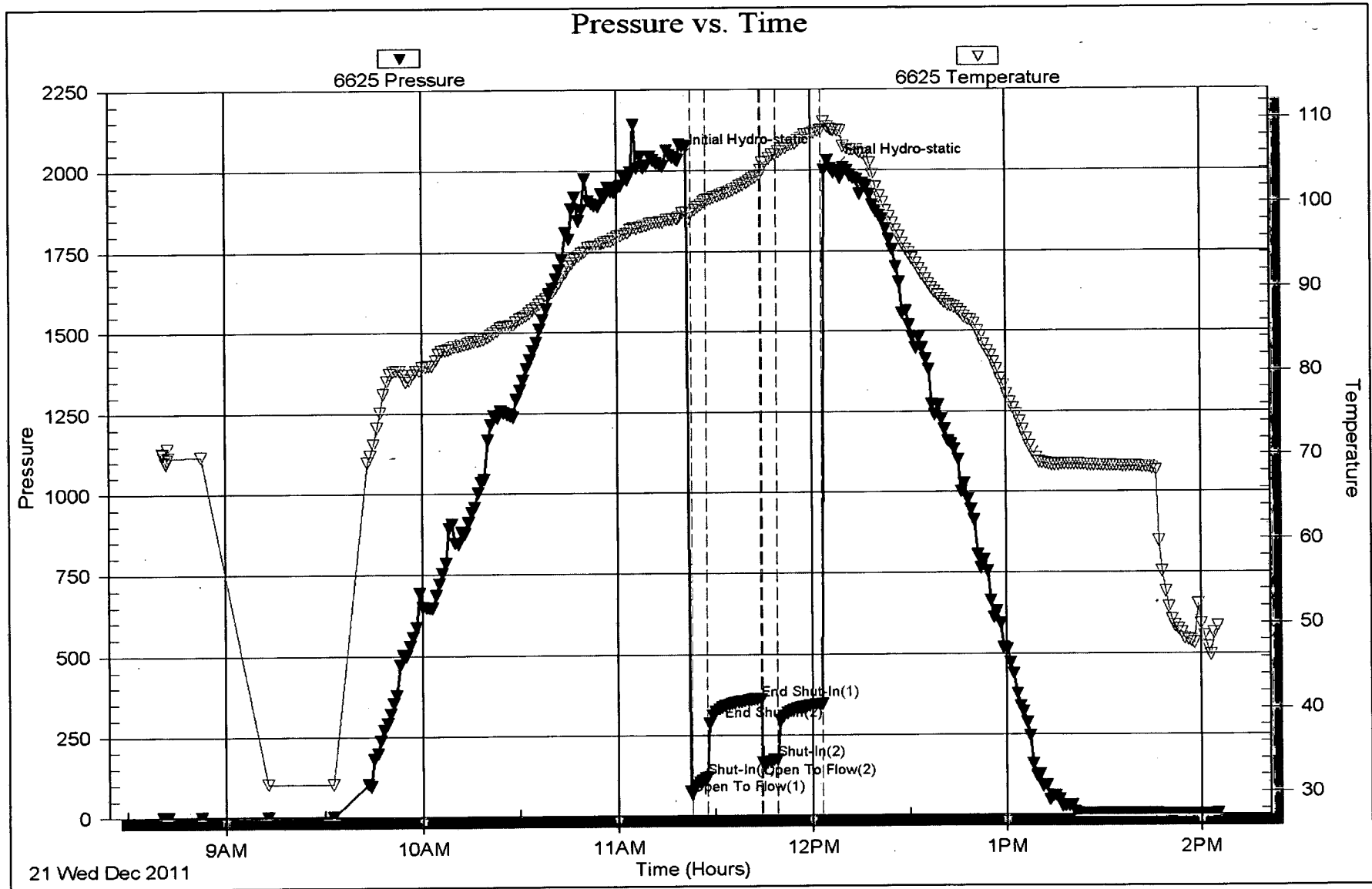
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.94 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6800.00 ppm			
Filter Cake: 1.00 inches			

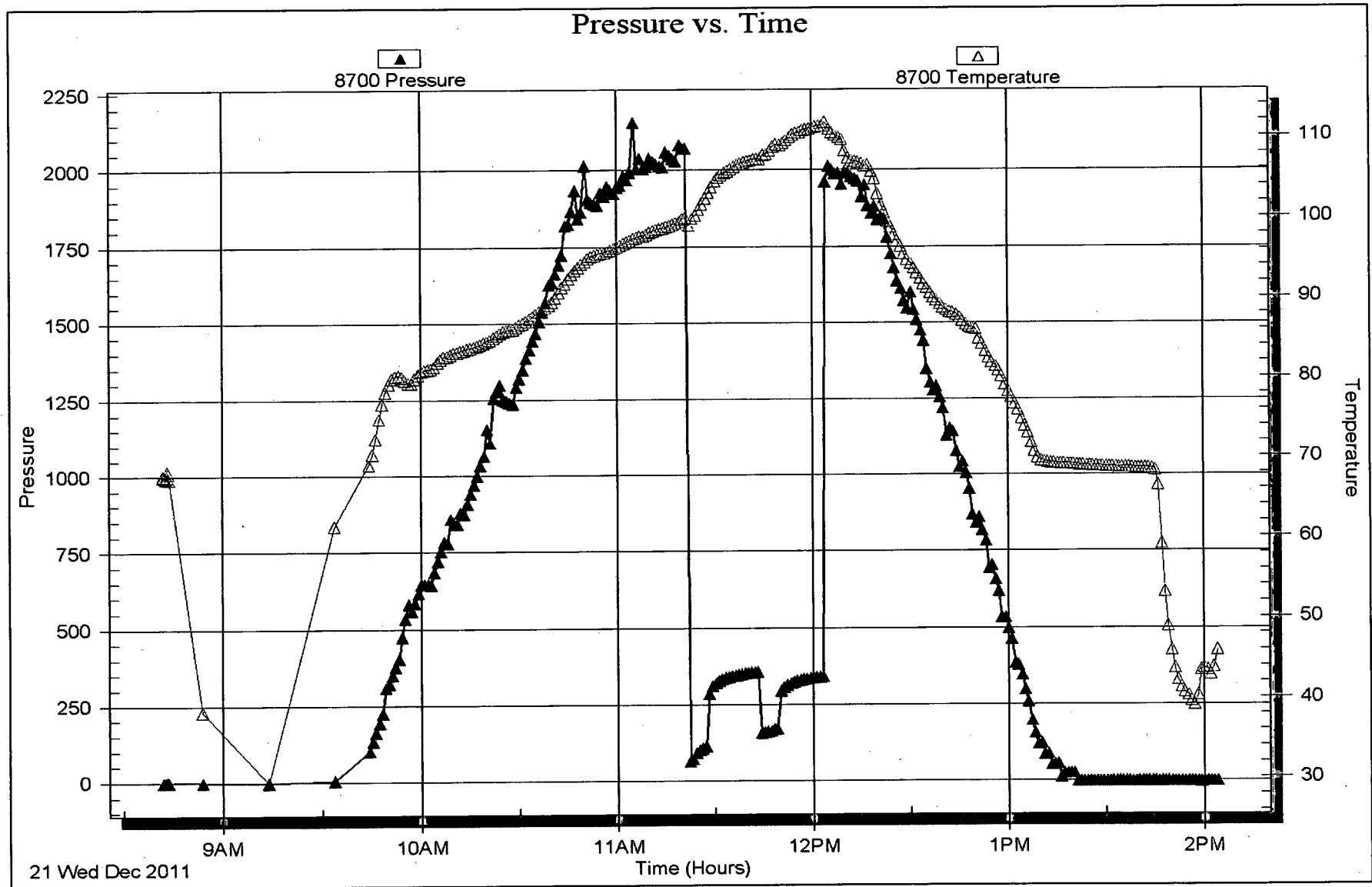
**Recovery Information**

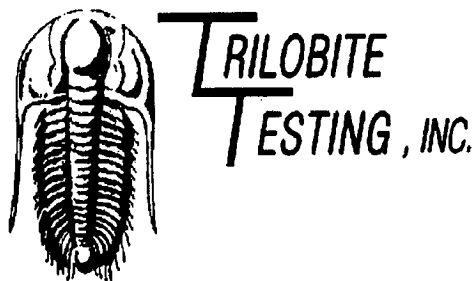
Recovery Table

Length ft	Description	Volume bbl
165.00	MV 40%/M60%W	1.221
125.00	Water w/show of oil on top of tool	1.753

Total Length: 290.00 ft      Total Volume: 2.974 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: .24@63F







## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Scott Corsair

**Price #12**

**34-18s-21w Ness,KS**

Start Date: 2011.12.21 @ 21:15:20

End Date: 2011.12.22 @ 04:32:44

Job Ticket #: 46019                      DST #: 2

Trilobite Testing, Inc

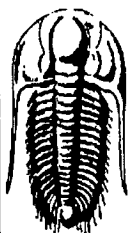
PO Box 362 Hays, KS 67601

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

Printed: 2011.12.22 @ 11:30:42

American Warrior Inc    34-18s-21w Ness,KS    Price #12    DST # 2    Miss    2011.12.21





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Scott Corsair

**34-18s-21w Ness, KS**

**Price #12**

Job Ticket: 46019

**DST#: 2**

Test Start: 2011.12.21 @ 21:15:20

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 23:56:15

Time Test Ended: 04:32:44

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Ray Schwager**

Unit No: **42**

**Interval: 4255.00 ft (KB) To 4262.00 ft (KB) (TVD)**

Total Depth: **4262.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2203.00 ft (KB)**

**2197.00 ft (CF)**

**KB to GR/CF: 6.00 ft**

**Serial #: 6625**

**Inside**

Press@RunDepth: **199.51 psig @ 4259.00 ft (KB)**

Start Date: **2011.12.21**

End Date:

**2011.12.22**

Start Time: **21:15:20**

End Time:

**04:32:44**

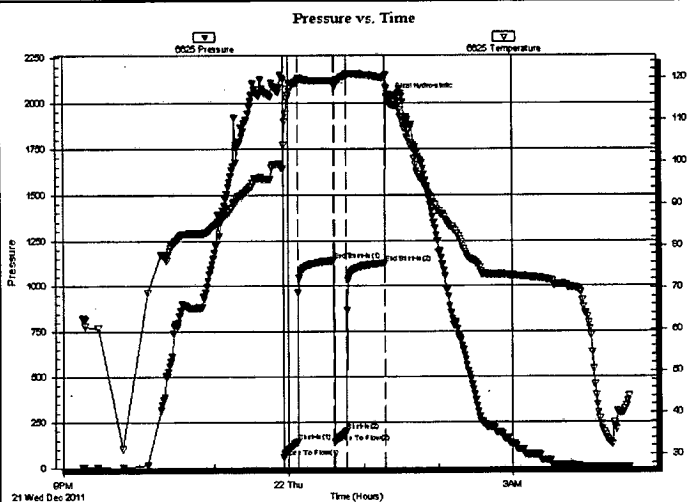
Capacity: **8000.00 psig**

Last Calib.: **2011.12.22**

Time On Btm: **2011.12.21 @ 23:51:45**

Time Off Btm: **2011.12.22 @ 01:21:15**

**TEST COMMENT:** 10-IFP-strg bl in 3 min  
30-ISIP-surface bl bk  
10-FFP-strg bl in 5 min  
30-FSIP-surface bl bk



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.16	99.19	Initial Hydro-static
5	58.26	103.94	Open To Flow (1)
16	142.10	119.04	Shut-In(1)
45	1139.98	119.29	End Shut-In(1)
45	139.95	117.76	Open To Flow (2)
55	199.51	120.48	Shut-In(2)
85	1127.15	119.90	End Shut-In(2)
90	2033.32	113.68	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
124.00	SOCW 5%O95%W	0.65
290.00	G&WCO 10%G20%W70%O	4.07
0.00	62'GIP	0.00

\* 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

**34-18s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Price #12**

Job Ticket: 46019

**DST#: 2**

ATTN: Scott Corsair

Test Start: 2011.12.21 @ 21:15:20

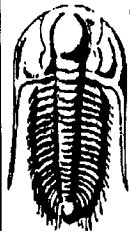
**Tool Information**

Drill Pipe:	Length: 4132.00 ft	Diameter: 3.80 inches	Volume: 57.96 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 90000.00 lb
			<b>Total Volume: 58.55 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4255.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4228.00	
Shut In Tool	5.00			4233.00	
Hydraulic tool	5.00			4238.00	
Jars	5.00			4243.00	
Safety Joint	2.00			4245.00	
Packer	5.00			4250.00	28.00 Bottom Of Top Packer
Packer	5.00			4255.00	
Stubb	1.00			4256.00	
Perforations	3.00			4259.00	
Recorder	0.00	6625	Inside	4259.00	
Recorder	0.00	8700	Outside	4259.00	
Bullnose	3.00			4262.00	7.00 Bottom Packers & Anchor

**Total Tool Length: 35.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**34-18s-21w Ness,KS**

PO Box 399  
Garden City KS 67846

**Price #12**

Job Ticket: 46019

**DST#: 2**

ATTN: Scott Corsair

Test Start: 2011.12.21 @ 21:15:20

**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:

26000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.74 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
124.00	SOCW 5%O95%W	0.646
290.00	G&WCO 10%G20%W70%O	4.068
0.00	62'GIP	0.000

Total Length: 414.00 ft      Total Volume: 4.714 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .38@50F







# TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
DEC 22 2011

## Test Ticket

NO. 46018

Well Name & No. PRICE #12 BY: \_\_\_\_\_ Test No. 1 Date 12-21-11  
 Company AMERICAN WARRIOR INC Elevation 2203 KB 2197 GL  
 Address P.O. Box 399 GARDEN CITY, Ks 67846  
 Co. Rep / Geo. JASON ALM Rig PETROMARK rig 1  
 Location: Sec. 34 Twp. 18<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State K

Interval Tested 4175-4245 Zone Tested Chc 5d.  
 Anchor Length 70 Drill Pipe Run 4040 Mud Wt. 9.3  
 Top Packer Depth 4170 Drill Collars Run 120 Vis 48  
 Bottom Packer Depth 4175 Wt. Pipe Run - WL 10  
 Total Depth 4245 Chlorides 6800 ppm System LCM -

Blow Description TFP - STRONG BLOW IN 3 MIN  
ISTP - SURFACE BLOW BACK  
FFP - STRONG BLOW IN 4 MIN  
FSTP - SURFACE BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>165</u>	<u>MW</u>			<u>60</u>	<u>40</u>
<u>125</u>	<u>WATER</u>				
	<u>w/show of oil on top</u>				
	<u>of Tool</u>				

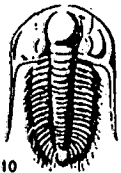
Rec Total 290 BHT 108 Gravity - API RW .24 @ 63 °F Chlorides 32000 ppm

(A) Initial Hydrostatic <u>2031</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>0450</u>
(B) First Initial Flow <u>65</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>0840</u>
(C) First Final Flow <u>119</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>1120</u>
(D) Initial Shut-In <u>360</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1200</u>
(E) Second Initial Flow <u>165</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1405</u>
(F) Second Final Flow <u>172</u>	<input checked="" type="checkbox"/> Mileage <u>96 RT 134.40</u>	Comments _____
(G) Final Shut-In <u>345</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1998</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>5</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>15</u>	<input type="checkbox"/> Day Standby	Total <u>1684.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____

Approved By [Signature] Our Representative RAY SCHWAGER 904 Thank

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
DEC 22 2011

## Test Ticket

NO. 46019

BY: \_\_\_\_\_

Well Name & No. Price #12 Test No. 2 Date 12-21-11  
 Company AMERICAN WARRIOR Inc Elevation 2203 KB 2197 GL  
 Address P.O. Box 399 Garden City Ks 67846  
 Co. Rep / Geo. JASON ALM Rig PETROMARK rig 1  
 Location: Sec. 34 Twp. 18<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State Ks

Interval Tested 4255-4262 Zone Tested MISS  
 Anchor Length 7 Drill Pipe Run 4132 Mud Wt. 9.3  
 Top Packer Depth 4250 Drill Collars Run 120 Vis 55  
 Bottom Packer Depth 4255 Wt. Pipe Run - WL 8.8  
 Total Depth 4262 Chlorides 6200 ppm System LCM -  
 Blow Description TFP - STRONG BLOW IN 3 MIN  
ISIP - SURFACE BLOW BACK  
FFP - STRONG BLOW IN 5 MIN  
FSIP - SURFACE BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>290</u>	<u>WCO</u>	<u>10</u>	<u>70</u>	<u>20</u>	
<u>124</u>	<u>SOCW</u>		<u>5</u>	<u>95</u>	
<u>60</u>	<u>GIP</u>				

Rec Total 414 BHT 119 Gravity - API RW .38 @ 50 °F Chlorides 26000 ppm  
 (A) Initial Hydrostatic 2060  Test 1225 T-On Location 2000  
 (B) First Initial Flow 58  Jars 250 T-Started 2115  
 (C) First Final Flow 142  Safety Joint 75 T-Open 2355  
 (D) Initial Shut-In 1139  Circ Sub \_\_\_\_\_ T-Pulled 0115  
 (E) Second Initial Flow 139  Hourly Standby \_\_\_\_\_ T-Out 0432  
 (F) Second Final Flow 199  Mileage 96 RT 134.40 Comments \_\_\_\_\_  
 (G) Final Shut-In 1127  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2033  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 10  
 Initial Shut-In 30  
 Final Flow 10  
 Final Shut-In 30  
 Sub Total 0  
 Total 1684.40  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1684.40

Approved By [Signature] Our Representative RAY SCHWAGOR Thank you

Triolbite 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.