



KANSAS CORPORATION COMMISSION 1095233  
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 Corsair  
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 (Corr. 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 #: \_\_\_\_\_  
06/10/2012 06/19/2012 08/14/2012  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25408-00-00  
Spot Description: \_\_\_\_\_  
SW NE NW NW Sec. 36 Twp. 19 S. R. 22  East  West  
427 Feet from  North /  South Line of Section  
987 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Williams Well #: 10  
Field Name: Schaben  
Producing Formation: Mississippian  
Elevation: Ground: 2255 Kelly Bushing: 2261  
Total Depth: 4392 Plug Back Total Depth: 4391  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1462 Feet  
If Alternate II completion, cement circulated from: 1462  
feet depth to: 0 w/ 150 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 26000 ppm Fluid volume: 80 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: American Warrior, Inc  
Lease Name: Moore-Hamzy License #: 4058  
Quarter SE Sec. 27 Twp. 19 S. R. 21  East  West  
County: Ness Permit #: D28845

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: NAOMI JAMES Date: 10/01/2012



1095233

Operator Name: American Warrior, Inc. Lease Name: Williams Well #: 10  
 Sec. 36 Twp. 19 S. R. 22  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 checked="" type="checkbox"/> Yes <input 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 Receiver Cement Bond	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
---	--

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	3% CC, 2% Gel
Production	7.875	5.5	15.5	4391	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	0-1462	SMD	150	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	4371-81, 4381-4391		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4370</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>08/21/2012</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>5</u>	Gas Mcf <u>60</u>	Water Bbls. Gas-Oil Ratio Gravity <u>60</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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4371-4381</u> <u>4381-4391</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Williams 10
Doc ID	1095233

Tops

Anhydrite	1482	779
Heebner	3726	-1465
Lansing	3775	-1514
Base Kansas City	4123	-1862
Pawnee	4198	-1937
Ft. Scott	4278	-2017
Cherokee	4302	-2041
Mississippian	4371	-2110
TD	4392	-2031

# ALLIED CEMENTING CO., LLC. 32681

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge*

DATE <i>6-11-12</i>	SEC. <i>36</i>	TWP. <i>19N</i>	RANGE <i>22W</i>	CALLED OUT <i>5:00 PM</i>	ON LOCATION <i>9:00 AM</i>	JOB START <i>1:50 PM</i>	JOB FINISH <i>2:00 PM</i>
LEASE# <i>116ms</i>		WELL# <i>10</i>		LOCATION <i>Bazineks DDR, south to 70rd</i>		COUNTY <i>Ness</i>	STATE <i>Ks.</i>
OLD OR NEW (Circle one) <u>NEW</u>			<i>3/4 west, S into</i>				

CONTRACTOR *Petromark #1* OWNER *American Warrior*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *224'* CEMENT

CASING SIZE *8 5/8* DEPTH *223* AMOUNT ORDERED *150s class A + 3% "H"*

TUBING SIZE DEPTH *29051*

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *10'*

CEMENT LEFT IN CSG. *10'*

PERFS.

DISPLACEMENT *13 1/2 Bbls*

**EQUIPMENT**

PUMP TRUCK CEMENTER *Rena*

# *398* HELPER *Kenny*

BULK TRUCK

# *344* DRIVER *Brandon B.*

BULK TRUCK

# DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

@

@

@

@

@

@

@

HANDLING @ *2.25*

MILEAGE *4.11 v*

TOTAL

**SERVICE**

DEPTH OF JOB *224'*

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @ *7.00*

MANIFOLD @

*Light Veh.* @ *1.00*

@

TOTAL

CHARGE TO: *American Warrior*

STREET

CITY STATE ZIP

**PLUG & FLOAT EQUIPMENT**

@

@

@

@

@

TOTAL

To Allied Cementing Co., 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 *X*

SIGNATURE *X*

# ALLIED

OIL & GAS SERVICES, LLC

## CEMENTING LOG

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

11-12 District M.L. Ticket No. \_\_\_\_\_  
~~Plama~~ Plama Well No. 10  
ess State La  
zine K, DD Rd S to Field \_\_\_\_\_  
34W Sinto  
 DATA:  Surface  Intermediate  Production  Liner   
25/8 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: H2O Fresh  
 Amt. \_\_\_\_\_ Skts Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS 1520CT  
27 gals Excess 153  
 Amt. 150 Skts Yield 1.84 ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skts Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 WATER: Lead 6.51 gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used \_\_\_\_\_  
 Bulk Equip. 344

Casing Depth: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 16.0165  
 Open Hole: Bbls/Lin. ft. 0.735 Lin. ft./Bbl. 13.61  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: Front 2.1 ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE STO He...

CEMENTER Don G.

TIME (AM/PM)	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pipe On Bottom Break Circulation
1:30			3 Bbls	1 min	3	pump Fresh H2O Ahead
1:35			35.79 Bbls	9 min	4	Mix All Cement
1:44			13.5 Bbls	3.57 min	4	Start Displacement
						Washup on top of plug
						Shut in
						Cement Did Circulate

FINAL DISP. PRESS: 200 PSI BUMP PLUG TO N/A PSI BLEEDBACK shut in BBLs.

THANK YOU



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

TICKET  
 No. **82730**

PAGE **1** OF

SERVICE LOCATION: **1. NESS CITY, KS.** WELL/PROJECT NO.: LEASE: **WILLIAMS #10** COUNTY: **NESS** STATE: **KS.** CITY: **BAZINE, KS.** DATE: **18 Jun/12** OWNER:  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: **RETRO MARK DRILLING** RIG NAME/NO.: SHIPPED: DELIVERED TO: ORDER NO.:  
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **LOS, 3/4 W, S IUTD**  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		LIMIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M		U/M		
575					MILEAGE # 110	25		MIL		6.00	150.00
578					PUMP CHARGE	1	4392	FT		1500.00	1500.00
402					CENTRALIZERS	5		EA		70.00	350.00
403					CEMENT BASKETS	2		EA		250.00	500.00
404					PORT COLLAR	1	1462	FT		2400.00	2400.00
406					LATCH DOWN PLUG & BALLE	1		EA		250.00	250.00
407					INSERT FLOAT SHOE W/AUTO FILL	1		EA		350.00	350.00
281					MUD FLUSH	500		GAL		1.25	625.00
221					LIQUID KCL	2		GAL		25.00	50.00
419					ROTATING HEAD RENTAL	1		HR		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: **19 Jun 12** TIME SIGNED: **0415**  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?				6375.00
WE UNDERSTOOD AND MET YOUR NEEDS?				4541.50
OUR SERVICE WAS PERFORMED WITH OUT DELAY?				10916.50
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

SWIFT OPERATOR: **[Signature]** APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 22730

CUSTOMER AMERICAN WARRIOR WELL WILLIAMS #10 DATE 78 JUN 12 PAGE 2 OF 2

276		FLOCELE	44 1/2	2 00	88 00
283		SALT	900 1/2	1 10	180 00
284		CALSEAL	8 5x	35 00	280 00
292		HALAD 322	124 1/2	7 75	961 00
290		DAIR	2 5x	35 00	70 00
325		STANDARD CEMENT EA-2	175 5x	13 00	2302 50
581		SERVICE CHARGE		175 5x	2 00
582		TOTAL WEIGHT	183 6	TON MILES	228,97
		LOADED MILES	25		250 00
					4541 50

JOB LOG

SWIFT Services, Inc.

DATE 7/27/12 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE WILLIAMS #10

JOB TYPE 5 1/2 LONG STRING

TICKET NO. 22730

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PS)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2300							ON LOCATION
	1230							START PIPE 5 1/2 - 15.5 #
								RTDC @ 4394
								SHOE JOINT 43.69
								CENTRALIZERS 1, 2, 3, 4 @ 69
								BASKETS 5, 70
								PORT COLLAR TOP OF #70 @ 1462
	↑↑							DROP BALL CIRCULATE
	0221	6	12			300		Pump 500 GAL MUD FLUSH
	0251	6	20			300		Pump 20 BBL KCL FLUSH
	0301		7					PLUG RH (30sx)
	0304	4	35					MIX 145sx EA2
	0318							WASH OUT Pump & LINES
	0320	6						START DISPLACING PLUG.
	0337	Ø	103 1/2			1500		PLUG DOWN PSI UP LATCH PLUG IN
	0340							RELEASE PSI DRY
	0345							WASH TRUCK
	0415							JOB COMPLETE.
								THANKS #110
								JASON JEFF ISAAC





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

TICKET  
 N° **23134**

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#10</u>	LEASE <u>WILLIAMS</u>	COUNTY/PARISH <u>NEOSHO</u>	STATE <u>KS</u>	CITY <u>Barine</u>	DATE <u>29 Oct 12</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>HD</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>location</u>	ORDER NO.		
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>cement port collar</u>	WELL PERMIT NO.	WELL LOCATION			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	12		mi		6.00	72.00
576D		1			Pump Charge	1				1257.00	1257.00
330		1			SMD cement	1		501b		2157.00	2157.00
276		1			florob.	1				100.00	100.00
290		1			D-AIR	2				35.00	70.00
104		1			Port Collar Tool Rental	1				250.00	250.00
582		1			minimum Drayage Charge	1				250.00	250.00
581		1			Service Charge Cement	175		sk		2.00	350.00

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

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	PRICE TOTAL	4817.00
CUR 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"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4999.39

SWIFT OPERATOR

Blanchard

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2/21/68 PAGE NO.

CUSTOMER American Warrior

WELL NO. #10

LEAD Williams

JOI TYPE COMMUT PORT COLLAR

TICKET NO. 23134

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								1755k SA-2 w/ 1/4" floccle 2 3/8" 52 gal collar @ 1462'
	1015							on loc + 2R 114
	1035					1000	1000	test to 1000 psi - hold
		3	3			400		inj rate
	1040	4 3/4	83			400		inj 500 cement @ 11.2 ppm -- cement to surface
	1105	4	5			450		run 5 bbl H <sub>2</sub> O <div style="border: 1px solid black; padding: 2px; display: inline-block;">                     1503-3                      max 100                      20 102'                 </div> Run 4 joints close PORT COLLAR  Run 4 joints
	1108					1000	1000	test to 1000 psi - hold
	1118		20					Reverse hole collar - 2 cement floccle -
	1125							wash down  Pack up
	1155							job complete  Flint Blaine, Doug & Dana

# **Geological Report**

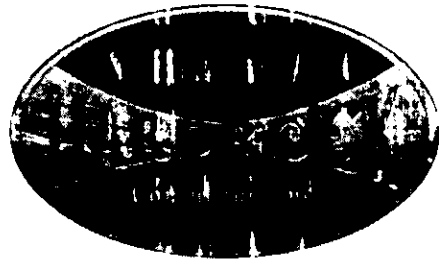
American Warrior, Inc.

**Williams #10**

425' FNL & 957' FEL

Sec. 36 T19s R22w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Williams #10  
425' FNL. & 957' FEL  
Sec. 36 T19s R22w  
Ness County, Kansas  
API # 15-135-25408-0000

Drilling Contractor: Petromark Drilling, LLe Rig #1

Geologist: Jason T Alm

Spud Date: June 10, 2012

Completion Date: June 19, 2012

Elevation: 2255' Ground Level  
2261' Kelly Bushing

Directions: Bazine KS, from West side of town at the  
intersection of Hwy 96 and Austin St. South 6 mi.  
to 70 Rd. West ¼ mi. South into location.

Casing: 223' 8 5/8" surface casing  
4391' 5 1/2" production casing

Samples: 10' wet and dry, 4050' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

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

Problems: None

Remarks: None

## Formation Tops

	<p style="text-align: center;">American Warrior, Inc. Williams #10 Sec. 36 T19s R22w 425' FNL &amp; 957' FEL</p>
<b>Formation</b>	
Anhydrite	1482', +779
Base	1518', +743
Heebner	3726', -1465
Lansing	3775', -1514
BKc	4123', -1862
Pawnee	4198', -1937
Fort Scott	4278', -2017
Cherokee	4302', -2041
Mississippian	4371', -2110
RTD	4392', -2031

## Sample Zone Descriptions

**Mississippian Osage (4371', -2110):**      **Covered in DST #1,2**  
 Dolo - Δ - Fine sucrosic crystalline with poor vuggy porosity,  
 heavy triptolic chert, weathered with poor to fair vuggy porosity,  
 light to fair oil stain in porosity, show of free oil, fair to good odor,  
 good yellow fluorescents, 22 units hotwire.

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

**DST #1**      **Mississippian Osage**  
 Interval (4324' - 4377') Anchor Length 53'  
 IHP    - 2156 #  
 IFP    - 30" - Built to 1/4 in.                      26-42 #  
 ISI    - 30" - Dead                                      1053 #  
 FFP    - 30" - W.S.B.                                  44-57 #  
 FSI    - 30" - Dead                                      1035 #  
 FHP    - 2105 #  
 BHT    - 114°F

Recovery:    5' Clean Oil  
                   25' HO&GCM                              45% Oil  
                   40' HO&GCM                              25% Oil

**DST #2**      **Mississippian Osage**  
 Interval (4373' - 4382') Anchor Length 9'  
 IHP    - 2175 #  
 IFP    - 30" - W.S.B.                                  23-28 #  
 ISI    - 30" - Dead                                      941 #  
 FFP    - 30" - W.S.B.                                  31-42 #  
 FSI    - 30" - Dead                                      884 #  
 FHP    - 2124 #  
 BHT    - 117°F

Recovery:    20' VHOCM                                      45% Oil  
                   20' HOCM    10% Oil

**Structural Comparison**

<b>Formation</b>	<b>American Warrior, Inc. Williams #10 Sec. 36 T19s R22w 425' FNL &amp; 957' FEL.</b>	<b>Sinclair Oil &amp; Gas Anna Williams #3 Sec. 36 T19s R22w 766' FNL &amp; 766' FWL.</b>	<b>Sinclair Oil &amp; Gas Anna Williams #1 Sec. 36 T19s R22w C NE NW</b>
Anhydrite	1482', +779	NA	NA
Base	1518', +743	NA	NA
Heebner	3726', -1465	NA	NA
Lansing	3775', -1514	3762', -1500	3773', -1513
BKc	4123', -1862	NA	NA
Pawnee	4198', -1937	NA	NA
Fort Scott	4278', -2017	4261', -1999	4272', -2012
Cherokee	4302', -2041	NA	NA
Mississippian	4371', -2110	4357', -2095	4363', -2103

## **Summary**

The location for the Williams #10 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two drill stem tests were conducted both of which were inconclusive. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Williams #10 well.

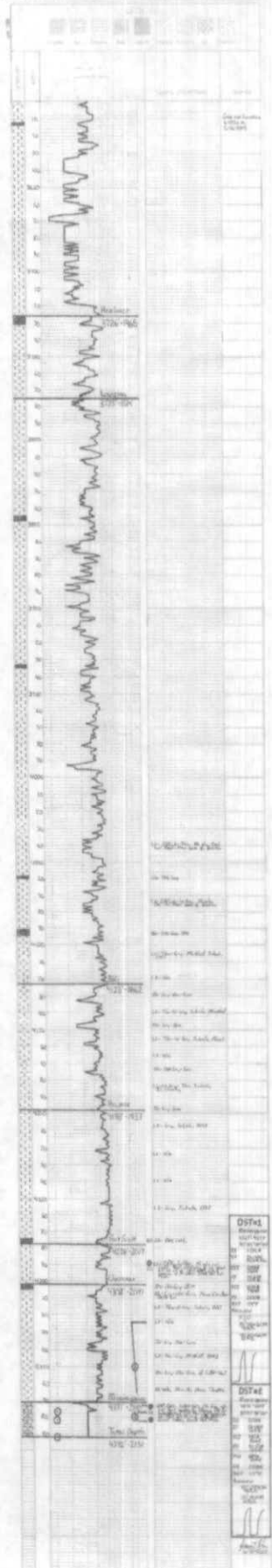
## **Recommended Perforations**

<b>Mississippian Osage:</b>	<b>(4371' – 4386')</b>	<b>DST #1,2</b>
-----------------------------	------------------------	-----------------

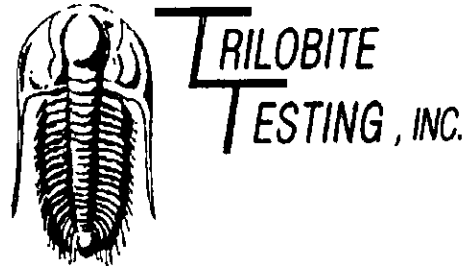
Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.

<b>Geological Report</b> Prepared by: <i>[Signature]</i> Date: <i>[Date]</i>	
<b>Project Information</b> Project Name: <i>[Project Name]</i> Location: <i>[Location]</i> Client: <i>[Client Name]</i>	<b>Well Information</b> Well No.: <i>[Well No.]</i> Depth: <i>[Depth]</i> Date of Run: <i>[Date]</i>
<b>Log Description</b> Lithology: <i>[Lithology]</i> Correlation: <i>[Correlation]</i> Notes: <i>[Notes]</i>	<b>Stratigraphic Column</b> Formation: <i>[Formation]</i> Member: <i>[Member]</i> Zone: <i>[Zone]</i>







## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Cecil O'Brate

**Williams #10**

**36-19s-22w Ness,KS**

Start Date: 2012.06.17 @ 18:35:12

End Date: 2012.06.18 @ 02:04:36

Job Ticket #: 47171                      DST #: 1

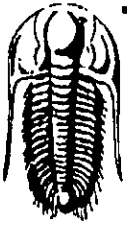
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.06.19 @ 14:01:59

American Warrior Inc  
36-19s-22w Ness,KS  
Williams #10  
DST # 1  
Miss  
2012.06.17



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Cecil O'Brate

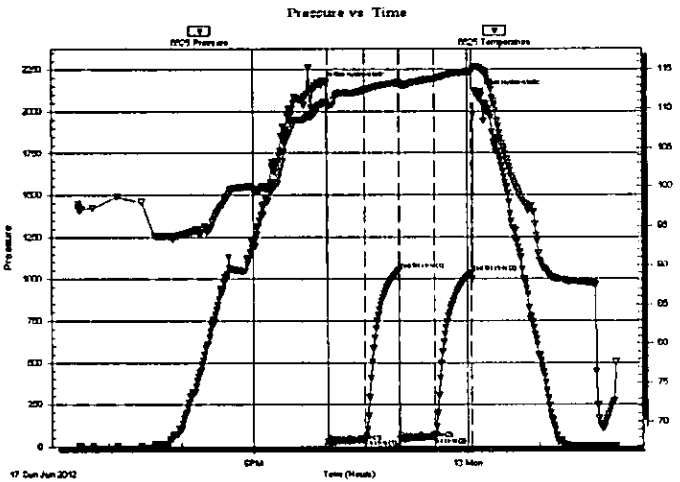
**36-19s-22w Ness,KS**  
**Williams #10**  
Job Ticket: 47171      **DST#: 1**  
Test Start: 2012.06.17 @ 18:35:12

### GENERAL INFORMATION:

Formation: **Miss**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 22:02:37  
Time Test Ended: 02:04:36  
Interval: **4324.00 ft (KB) To 4377.00 ft (KB) (TVD)**  
Total Depth: **4377.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: Fair  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Ray Schwager**  
Unit No: **42**  
Reference Elevations: **2261.00 ft (KB)**  
**2255.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 6625**      **Inside**  
Press@RunDepth: **56.54 psig @ 4326.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.06.17**      End Date: **2012.06.18**      Last Calib.: **2012.06.18**  
Start Time: **18:35:12**      End Time: **02:04:36**      Time On Btm: **2012.06.17 @ 21:57:37**  
Time Off Btm: **2012.06.18 @ 00:08:06**

TEST COMMENT: 30-IFP-w k bl 1/8" to 1/4" bl  
30-ISIP-no bl  
30-FFP-surface bl thru-out  
30-FSIP-no bl



### PRESSURE SUMMARY

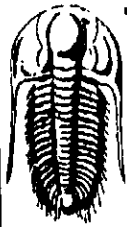
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.42	110.50	Initial Hydro-static
5	26.12	110.47	Open To Flow (1)
36	42.19	112.43	Shut-In(1)
65	1052.90	113.32	End Shut-In(1)
65	44.99	113.09	Open To Flow (2)
95	56.54	113.81	Shut-In(2)
126	1035.24	114.77	End Shut-In(2)
131	2105.50	115.28	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	CO	0.02
25.00	HO&GCM 5%G45%O50%M	0.12
40.00	HO&GCM 5%G25%O70%M	0.20

### 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: Cecil O'Brate

**36-19s-22w Ness,KS**

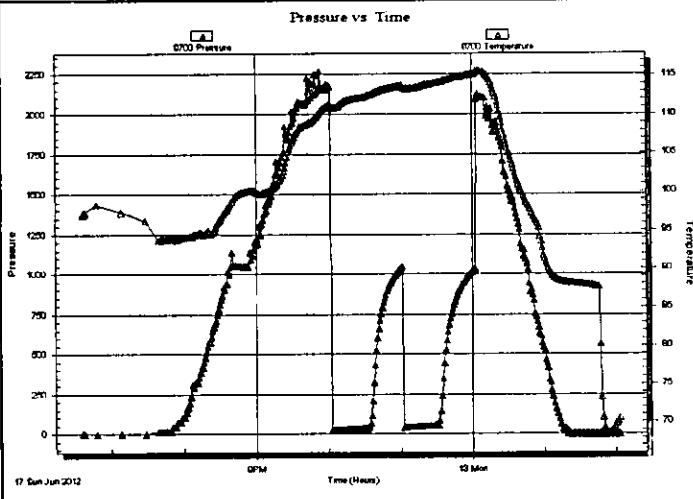
**Williams #10**  
 Job Ticket: 47171 **DST#: 1**  
 Test Start: 2012.06.17 @ 18:35:12

**GENERAL INFORMATION:**

Formation: **Miss**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: **22:02:37**  
 Time Test Ended: **02:04:36**  
 Interval: **4324.00 ft (KB) To 4377.00 ft (KB) (TVD)**  
 Total Depth: **4377.00 ft (KB) (TVD)**  
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Ray Schwager**  
 Unit No: **42**  
 Reference Elevations: **2261.00 ft (KB)**  
**2255.00 ft (CF)**  
**KB to GR/CF: 6.00 ft**

**Serial #: 8700** **Outside**  
 Press@RunDepth: **psig @ 4326.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2012.06.17** End Date: **2012.06.18** Last Calib.: **2012.06.18**  
 Start Time: **18:36:10** End Time: **02:03:34** Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IFP-w k bl 1/8" to 1/4" bl  
 30-ISIP-no bl  
 30-FFP-surface bl thru-out  
 30-FSIP-no bl



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	CO	0.02
25.00	HO&GCM 5%G45%O50%M	0.12
40.00	HO&GCM 5%G25%O70%M	0.20

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: Cecil O'Brate

**36-19s-22w Ness,KS**  
**Williams #10**  
Job Ticket: 47171      **DST#: 1**  
Test Start: 2012.06.17 @ 18:35:12

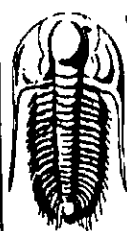
### Tool Information

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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 58.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4324.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	81.00 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			4297.00	
Shut In Tool	5.00			4302.00	
Hydraulic tool	5.00			4307.00	
Jars	5.00			4312.00	
Safety Joint	2.00			4314.00	
Packer	5.00			4319.00	28.00      Bottom Of Top Packer
Packer	5.00			4324.00	
Stubb	1.00			4325.00	
Perforations	1.00			4326.00	
Recorder	0.00	6625	Inside	4326.00	
Recorder	0.00	8700	Outside	4326.00	
Blank Spacing	33.00			4359.00	
Perforations	15.00			4374.00	
Bullnose	3.00			4377.00	53.00      Bottom Packers & Anchor

**Total Tool Length: 81.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc

**36-19s-22w Ness,KS**

PO Box 399  
Garden City KS 67846

**Williams #10**

Job Ticket: 47171

**DST#: 1**

ATTN: Cecil O'Brate

Test Start: 2012.06.17 @ 18:35:12

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 10.00 lb/gal  
Viscosity: 59.00 sec/qt  
Water Loss: 9.54 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5700.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 40 deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	CO	0.025
25.00	HO&GCM 5%G45%O50%M	0.123
40.00	HO&GCM 5%G25%O70%M	0.197

Total Length: 70.00 ft      Total Volume: 0.345 bbl

Num Fluid Samples: 0

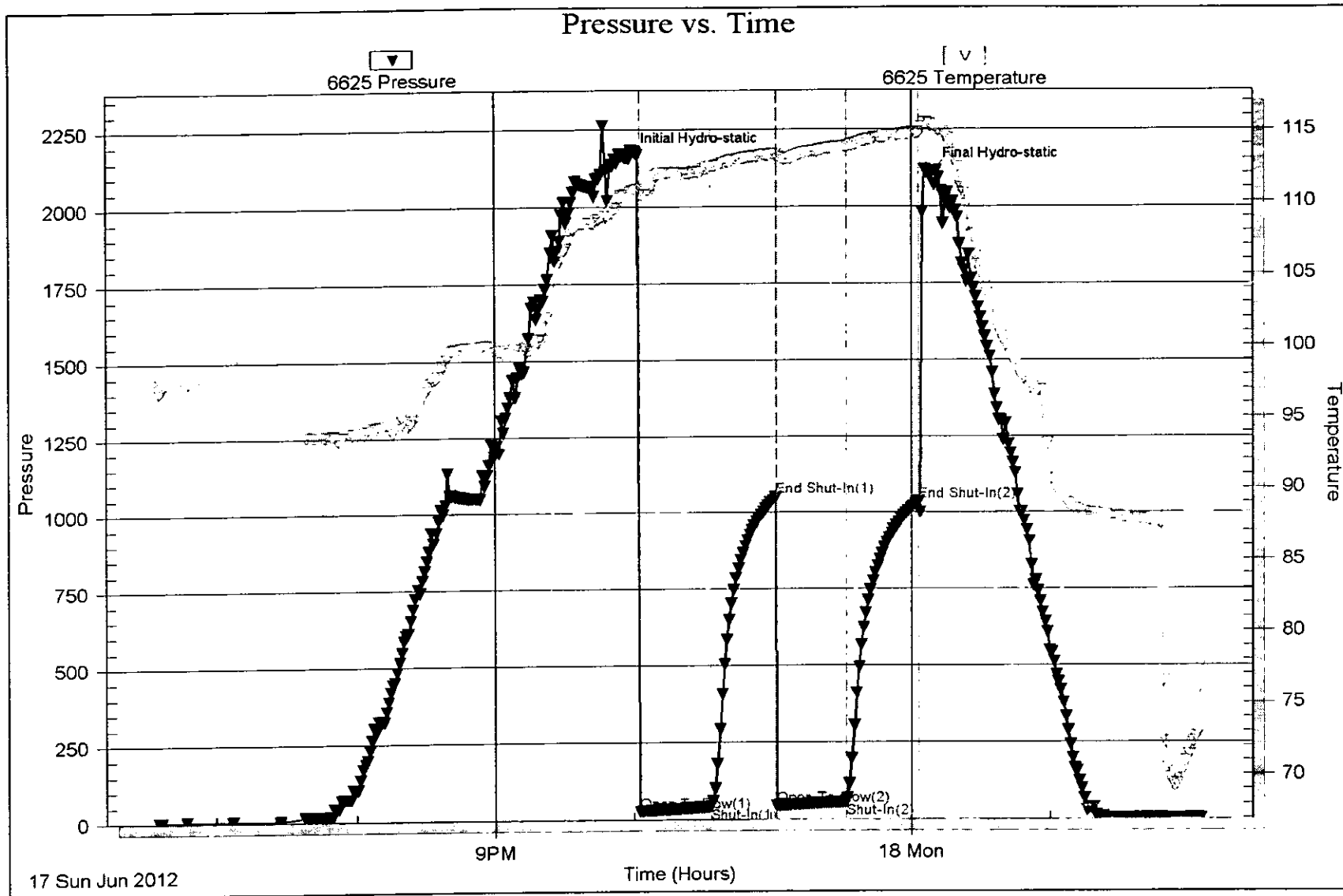
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

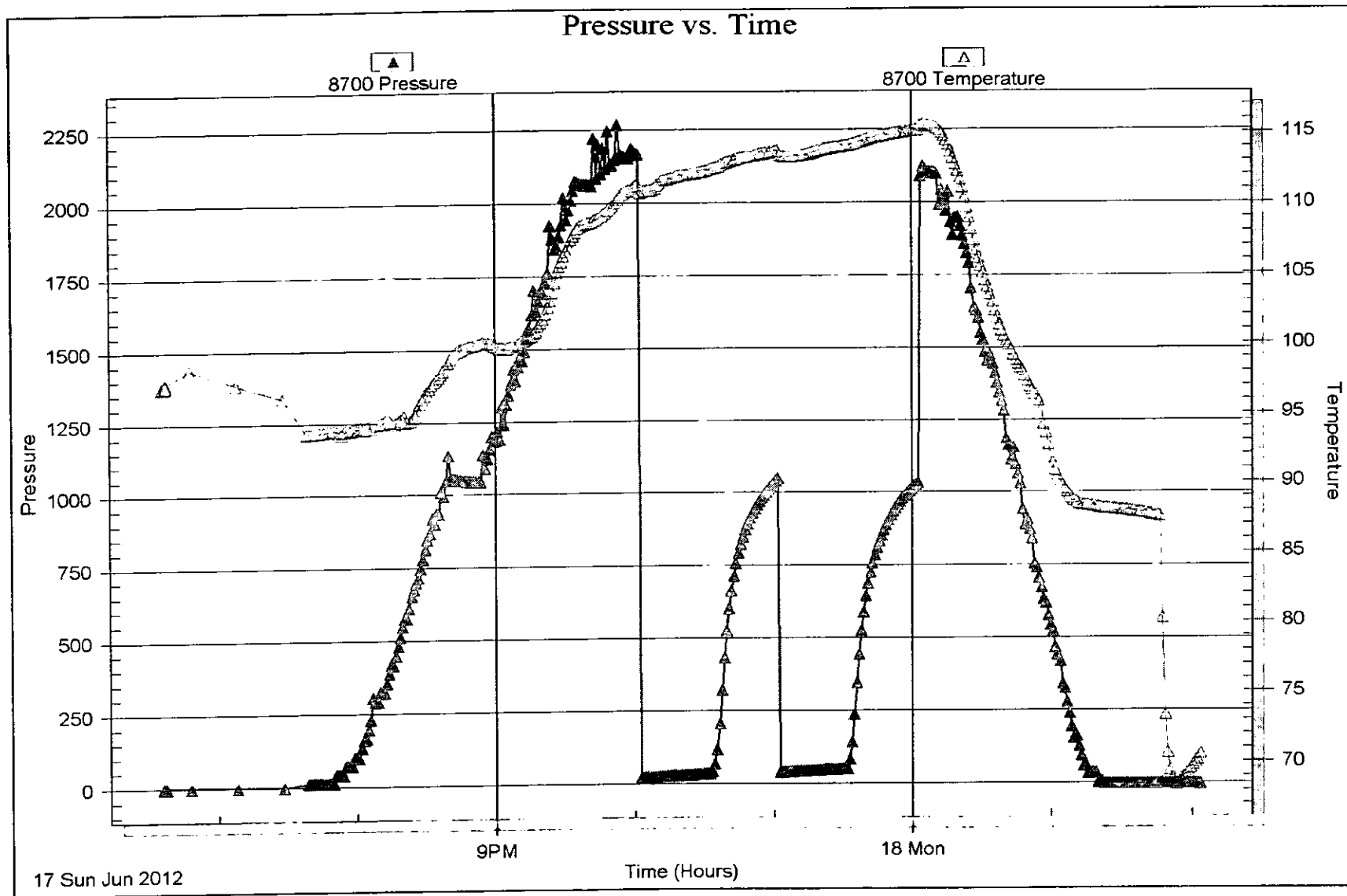


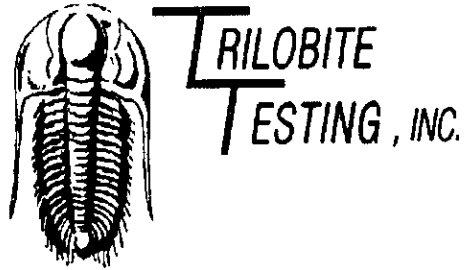
Serial #: 8700

Outside American Warrior Inc

Williams #10

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Cecil O'Brate

**Williams #10**

**36-19s-22w Ness,KS**

Start Date: 2012.06.18 @ 08:25:26

End Date: 2012.06.18 @ 15:08:50

Job Ticket #: 47172                      DST #: 2

Trilobite Testing, Inc

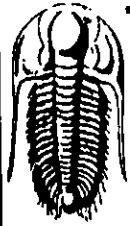
PO Box 362 Hays, KS 67601

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

Printed: 2012.06.19 @ 13:51:23

American Warrior Inc  
36-19s-22w Ness,KS  
Williams #10  
DST # 2  
Miss  
2012.06.18





**TRIOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Cecil O'Brate

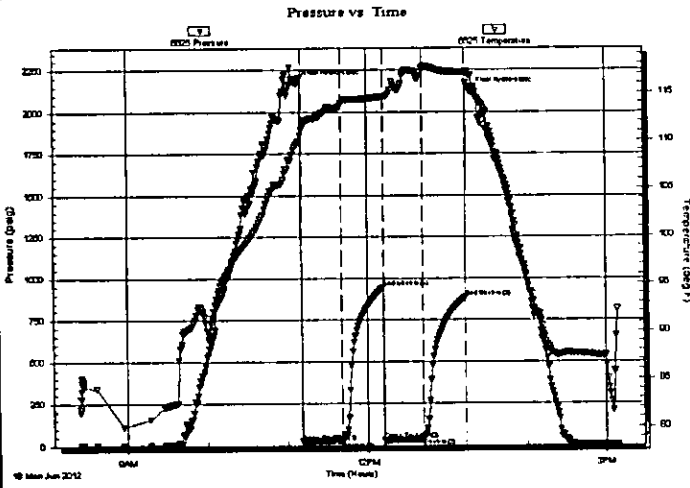
**36-19s-22w Ness,KS**  
**Williams #10**  
Job Ticket: 47172      **DST#: 2**  
Test Start: 2012.06.18 @ 08:25:26

### GENERAL INFORMATION:

Formation: **Miss**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 11:10:51  
Time Test Ended: 15:08:50  
Interval: **4373.00 ft (KB) To 4382.00 ft (KB) (TVD)**  
Total Depth: **4382.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Ray Schwager**  
Unit No: **42**  
Reference Elevations: **2261.00 ft (KB)**  
**2255.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 6625**      **Inside**  
Press@RunDepth: **42.15 psig @ 4374.00 ft (KB)**  
Start Date: **2012.06.18**      End Date: **2012.06.18**  
Start Time: **08:25:26**      End Time: **15:08:50**  
Capacity: **8000.00 psig**  
Last Calib.: **2012.06.18**  
Time On Btm: **2012.06.18 @ 11:06:51**  
Time Off Btm: **2012.06.18 @ 13:18:20**

TEST COMMENT: 30-IFP-surface bl thru-out  
30-ISIP-no bl  
30-FFP-no bl, 1st 8 min, then surface bl  
30-FSIP-no bl



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.72	109.50	Initial Hydro-static
4	23.33	111.12	Open To Flow (1)
34	28.15	113.85	Shut-in(1)
65	941.60	114.58	End Shut-in(1)
66	31.07	114.46	Open To Flow (2)
95	42.15	117.44	Shut-in(2)
127	883.91	117.08	End Shut-in(2)
132	2123.51	116.74	Final Hydro-static

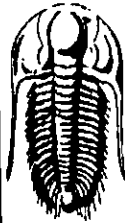
### Recovery

Length (ft)	Description	Volume (bbl)
20.00	VHOCM 45%O55%M	0.10
20.00	HOCM 10%O90%M	0.10

\* 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: Cecil O'Brate

**36-19s-22w Ness, KS**

**Williams #10**

Job Ticket: 47172      DST#: 2  
Test Start: 2012.06.18 @ 08:25:26

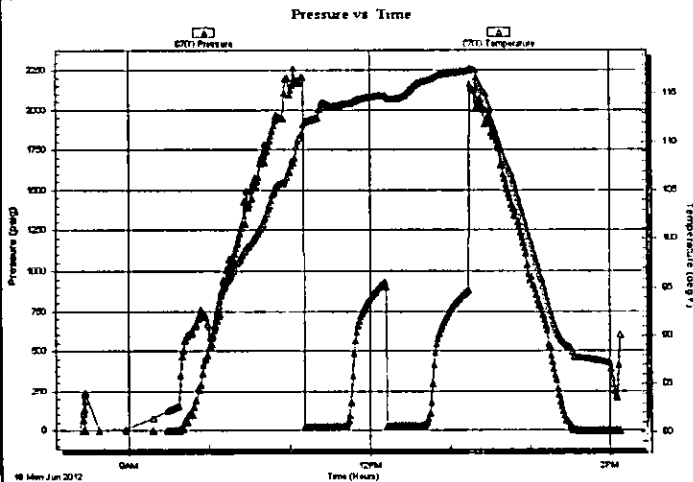
**GENERAL INFORMATION:**

Formation: **Miss**  
Deviated: **No** Whipstock:                 ft (KB)  
Time Tool Opened: 11:10:51  
Time Test Ended: 15:08:50  
Interval: **4373.00 ft (KB) To 4382.00 ft (KB) (TVD)**  
Total Depth: **4382.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Ray Schwager**  
Unit No: **42**  
Reference Elevations: **2261.00 ft (KB)**  
**2255.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 8700**      **Outside**  
Press@RunDepth:                 psig @ 4374.00 ft (KB)      Capacity: **8000.00 psig**  
Start Date: 2012.06.18      End Date: 2012.06.18      Last Calib.: 2012.06.18  
Start Time: 08:26:27      End Time: 15:07:51      Time On Btmr  
Time Off Btmr

**TEST COMMENT:** 30-IFP-surface bl thru-out  
30-ISIP-no bl  
30-FFP-no bl , 1st 8 min, then surface bl  
30-FSIP-no bl



**PRESSURE SUMMARY**

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

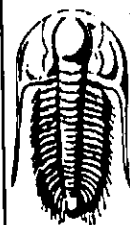
**Recovery**

Length (ft)	Description	Volume (bbl)
20.00	VHOCM 45%O55%M	0.10
20.00	HOCM 10%O90%M	0.10

\* Recovery from multiple tests

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Cecil O'Brate

**36-19s-22w Ness,KS**  
**Williams #10**  
Job Ticket: 47172      DST#: 2  
Test Start: 2012.06.18 @ 08:25:26

### 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4373.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	37.00 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			4346.00	
Shut In Tool	5.00			4351.00	
Hydraulic tool	5.00			4356.00	
Jars	5.00			4361.00	
Safety Joint	2.00			4363.00	
Packer	5.00			4368.00	28.00      Bottom Of Top Packer
Packer	5.00			4373.00	
Stubb	1.00			4374.00	
Recorder	0.00	6625	Inside	4374.00	
Recorder	0.00	8700	Outside	4374.00	
Perforations	5.00			4379.00	
Bullnose	3.00			4382.00	9.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>37.00</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Cecil O'Brate

**36-19s-22w Ness,KS**  
**Williams #10**  
Job Ticket: 47172      **DST#: 2**  
Test Start: 2012.06.18 @ 08:25:26

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.52 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
20.00	VHOCM 45%O55%M	0.098
20.00	HOCM 10%O90%M	0.098

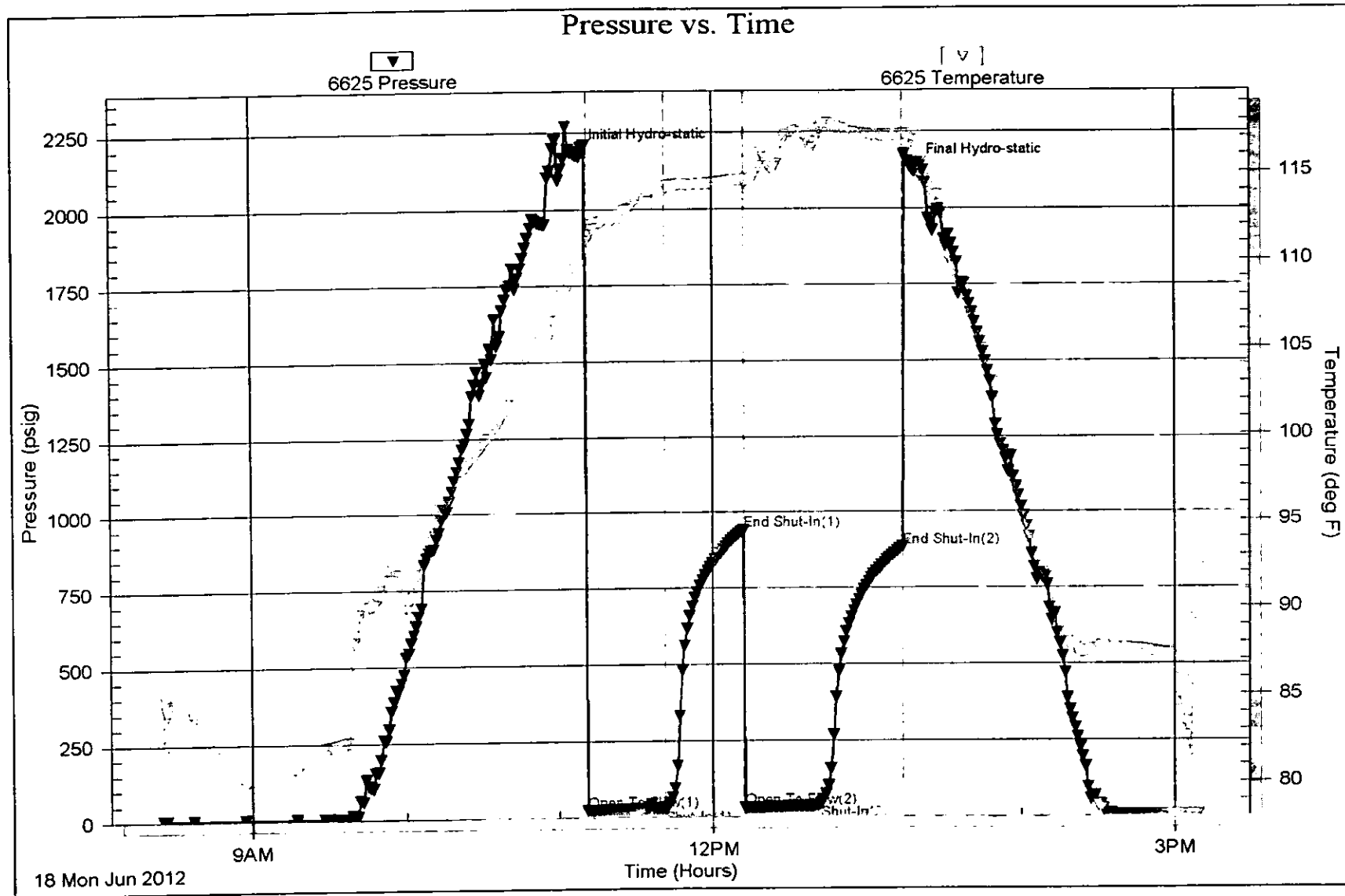
Total Length: 40.00 ft      Total Volume: 0.196 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

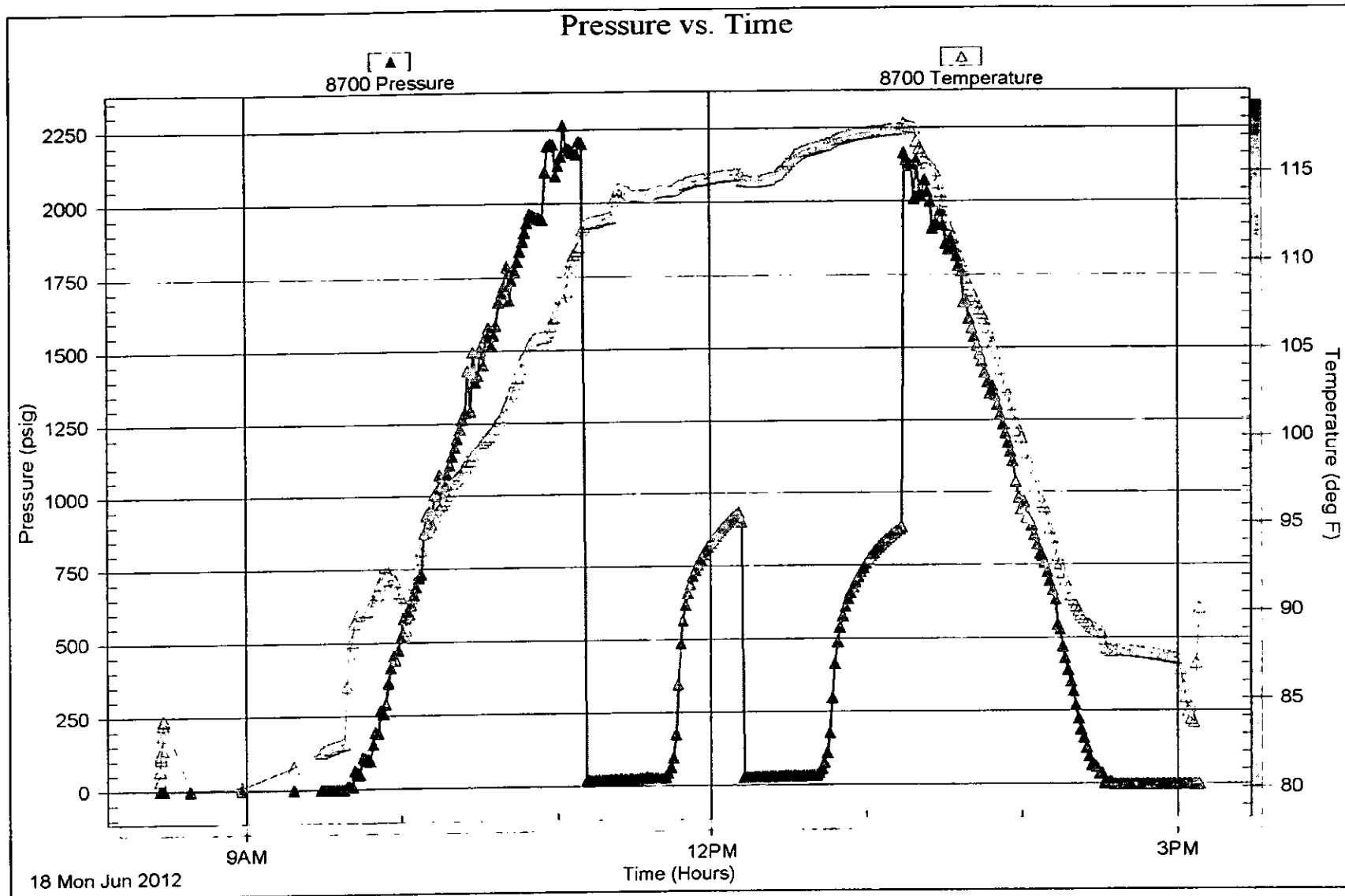
Serial #: 6625

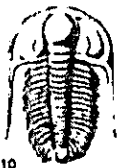
Inside American Warrior Inc

Williams #10

DST Test Number: 2







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47171

Well Name & No.	William #10	Test No.	1	Date	6-17-12
Company	AMERICAN WARRIOR Inc	Elevation	2261	KB	2255 GL
Address	3118 Cummings Rd. P.O. Box 399 Garden City, Ko 67846				
Co. Rep / Geo	JASON ALM	Rig	Petrolmark rig 1		
Location: Sec.	36	Twp	19 <sup>s</sup>	Rge	22 <sup>w</sup>
		Co	Ness	State	Ko

Interval Tested	4324 - 4377	Zone Tested	Miss
Anchor Length	53	Drill Pipe Run	4132
Top Packer Depth	4319	Drill Collars Run	180
Bottom Packer Depth	4324	WT Pipe Run	-
Total Depth	4377	Chloride	5700 ppm System

Blow Description: IFF - WEAK Blow 1/8" To 1/4" Blow  
 ISIP - NO Blow  
 FFP - SURFACE Blow Thru-out  
 FSIP - NO Blow

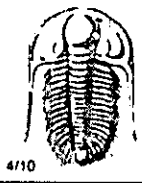
Rec	Feet of	%gas	%oil	%water	%mud
5	Co				
25	H0+6CM	5	45	50	50
40	H0+6CM	5	25	70	70

Rec Total	70	BHT	114	Gravity	40	API RW	-	F Chlorides	- ppm
(A) Initial Hydrostatic	2156	<input checked="" type="checkbox"/> Test						T On Location	1715
(B) First Initial Flow	26	<input checked="" type="checkbox"/> Jars	250					T Started	1835
(C) First Final Flow	42	<input checked="" type="checkbox"/> Safety Joint	75					T Open	2155
(D) Initial Shut-In	1052	<input type="checkbox"/> Circ Sub						T Pulled	2355
(E) Second Initial Flow	44	<input type="checkbox"/> Hourly Standby						T Out	0204
(F) Second Final Flow	56	<input checked="" type="checkbox"/> Mileage	180 RT	186				Comments	
(G) Final Shut-In	1035	<input type="checkbox"/> Sampler							
(H) Final Hydrostatic	2105	<input type="checkbox"/> Straddle							

Initial Open	30	<input type="checkbox"/> Ruined Shale Packer	
Initial Shut In	30	<input type="checkbox"/> Ruined Packer	
Final Flow	30	<input type="checkbox"/> Extra Packer	
Final Shut-In	30	<input type="checkbox"/> Extra Recorder	
		<input type="checkbox"/> Extra Copies	
		Sub Total	0
		Total	1761
		MP/DST Disc't	

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER Thank you

TriLOBITE Testing Inc. shall not be liable for damage of any kind of the property or personnel of the client 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. Losses lost or damaged in the field 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

## Test Ticket

NO. 47172

Well Name & No. William #10 Test No 2 Date 6-18-12  
 Company AMERICAN WARRIOR INC Elevation 2261 KB 2255 GL  
 Address 3118 Cummings Rd P.O. Box 399 Garden City, Mo 67846  
 Co. Rep / Geo. JASON ALM Rig PETROMARK 1191  
 Location: Sec. 36 Twp. 19<sup>s</sup> Hgt 22<sup>w</sup> Co NeSS State Mo

Interval Tested 4373-4382 Zone Tested MISS  
 Anchor Length 9 Drill Pipe Run 4132 Mud Wt. 9.5  
 Top Packer Depth 4368 Drill Collars Run 240 Vis 59  
 Bottom Packer Depth 4373 Wt. Pipe Run - WL 9.6  
 Total Depth 4382 Chlorides 5700 ppm System LCM -

Blow Description IFP - SURFACE BLOW THRU-OUT  
ISIP - NO BLOW  
FFP - NO BLOW 1<sup>ST</sup> 8 MIN, THEN SURFACE BLOW THRU-OUT  
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>VHOCM</u>	<u>45</u>		<u>55</u>	
<u>20</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total BIIT 1 Gravity - API RW 60 F Chlorides - ppm  
 (A) Initial Hydrostatic 2175  Test T On Location 0715  
 (B) First Initial Flow 23  Jars. 250 T-Started 0825  
 (C) First Final Flow 28  Safety Joint 75 T-Open 1105  
 (D) Initial Shut-In 941  Circ Sub T-Pulled 1305  
 (E) Second Initial Flow 31  Hourly Standby T Out 1508  
 (F) Second Final Flow 42  Mileage 186  
 (G) Final Shut-In 883  Sampler  
 (H) Final Hydrostatic 2123  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Accessibility Total 1761  
 Sub Total 1761 MP/DST Disc't

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

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER Thank you

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