

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

*See  
new  
well log*

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: PO Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + 0399  
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  SWD  SLOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
*(Core, WSW, Expl., Cathodic, etc.)*

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
05/21/2009 05/28/2009 07/22/2009  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-24910 - 0000  
Spot Description: 60' S & 50' E NE NW SE  
SE NE NW SE Sec. 1 Twp. 20 S. R. 21  East  West  
2250 Feet from  North /  South Line of Section  
1600 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness

Lease Name: Kathryn Well #: 1-1  
Field Name: Wildcat

Producing Formation: Mississippian  
Elevation: Ground: 2246' Kelly Bushing: 2252'  
Total Depth: 4395 Plug Back Total Depth: 4394.5  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1471 Feet  
If Alternate II completion, cement circulated from: 1471  
feet depth to: Surface w/ 125 sx cmt.

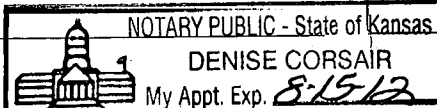
Drilling Fluid Management Plan AH II NR 11-16-09  
*(Data must be collected from the Reserve Pit)*  
Chloride content: 42,000 ppm Fluid volume: 300 bbls  
Dewatering method used: evaporate  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: \_\_\_\_\_  
Title: Petroleum Engineer Date: 10/22/2009  
Subscribed and sworn to before me this 22nd day of October,  
20 09.  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 8-15-12

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**NOV 05 2009**



**KCC WICHITA**

Operator Name: American Warrior, Inc. Lease Name: Kathryn Well #: 1-1  
 Sec. 1 Twp. 20 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Compensated Neutron Density</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1458</td> <td>+794</td> </tr> <tr> <td>Heebner</td> <td>3762</td> <td>-1510</td> </tr> <tr> <td>Lansing</td> <td>3810</td> <td>-1558</td> </tr> <tr> <td>BKC</td> <td>4131</td> <td>-1879</td> </tr> <tr> <td>Ft. Scott</td> <td>4294</td> <td>-2042</td> </tr> <tr> <td>Cherokee</td> <td>4311</td> <td>-2059</td> </tr> <tr> <td>Mississippian</td> <td>4374</td> <td>-2122</td> </tr> </table>	Name	Top	Datum	Anhydrite	1458	+794	Heebner	3762	-1510	Lansing	3810	-1558	BKC	4131	-1879	Ft. Scott	4294	-2042	Cherokee	4311	-2059	Mississippian	4374	-2122
Name	Top	Datum																							
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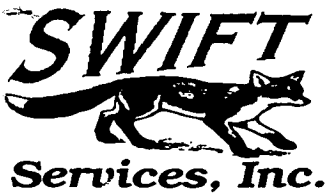
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23	223'	Common	150	2% gel 3% CC
Production	7 7/8"	5 1/2"	15.5	4394.5'	EA-2	175	

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	Surface-1471'	SMD	125	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4377'-87' & 4384'-94'		

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4372'</u> Packer At: <u>NA</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>07/22/2009</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>15</u> Gas Mcf _____ Water Bbls. <u>20</u> Gas-Oil Ratio _____ Gravity <u>34</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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4377'-87' &amp; 4384'-94' Perf</u>
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CHARGE TO: American WARDING INC.  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET No 16271

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Ness City, KS WELL/PROJECT NO. 1-1 LEASE KATHYRW COUNTY/PARISH Ness STATE Ks CITY DATE 6-3-09 OWNER SOME  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR H-D RIG NAME/NO. SHIPPED VIA CT DELIVERED TO LOCATION ORDER NO.  
 3. WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE CONCRETE PORT COLLAR WELL PERMIT NO. WELL LOCATION RADLEY, KS - 4E 9S 2E 1/2NW  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110	30	ME			5.00	150.00
576B		1			PUMP CHARGE	1	JOB	1172	FT	1100.00	1100.00
105		1			PORT COLLAR OPENING TOOL	1	JOB			300.00	300.00
330		1			SWIFT MULTI-DENSITY STAMPA	125	SKS			14.00	1750.00
276		1			FLORES	44	LBS			1.50	66.00
290		1			D-ACR	2	Gal			35.00	70.00
581		1			SERVICE CHARGE CMNT	175	SKS			1.50	262.50
583		1			DRAYAGE	17384	LBS			1.00	260.76

RECEIVED  
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 KCC WICHITA

**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 [Signature]

DATE SIGNED 6-3-09 TIME SIGNED 1700  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	3959.26
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					

**JOB LOG**

**SWIFT Services, Inc.**

DATE 6-3-09 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR INT WELL NO. 1-1 LEASE KATHYRN JOB TYPE CEMENT PORT COLLAR TICKET NO. 16271

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							ON LOCATION
								2 3/8 x 5'6 PORT COLLAR = 1472'
	1750				✓		1000	PRE TEST CASING - HELD
	1755	3 1/2	2	✓		400		OPEN PORT COLLAR - INJ RATE
	1800	4 1/4	70	✓		450		MIX CEMENT <u>125</u> SVS <u>5</u> GAL <u>1/4</u> "/SVS FLOCC
	1820	4	5	✓		550		DISPLACE CEMENT
	1830				✓		1000	CLOSE PORT COLLAR - PRE TEST - HELD
								CIRCULATE <u>15</u> SVS CEMENT TO PIT
	1840	4	20		✓		500	RUN 4 JIS - CIRCULATE CLEAN
								WASH TROCK
								PULL TOOL
	1930							JOB COMPLETE

THANK YOU  
WAYNE, BRETT, DAVE

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CHARGE TO: Andrew Woodrow Tar  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET

№ 16261

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Wess, KS</u>	WELL/PROJECT NO. <u>1-1</u>	LEASE <u>KATHYRN</u>	COUNTY/PARISH <u>Wess</u>	STATE <u>Ks</u>	CITY	DATE <u>5-28-09</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>PETERMAN DRIG #1</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 5 1/2" LONGSTAYING</u>	WELL PERMIT NO.	WELL LOCATION <u>BASTON V. - 4E 9S 2E 1/2W WS</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE #110	30	MY	5.00		150.00
578		1			PUMP CHARGE	1	DR	1400.00	FT	1400.00
221		1			LIQUID KCL	2	GNL	25.00		50.00
281		1			MUDFLOSH	500	GAL	1.00		500.00
402		1			CENTRAL DRS	5	EA	55.00	5 1/2"	275.00
403		1			CEMENT BALLS	2	EA	180.00		360.00
404		1			PORT COLLAR TOP 71" 71" 1472'	1	EA	1900.00	FT	1900.00
406		1			LATCH DOWN PLUG - BATTLE	1	EA	225.00		225.00
407		1			INSERT FLOAT SHOE W/AUTO FILL	1	EA	275.00		275.00

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

X [Signature]

DATE SIGNED 5-28-09 TIME SIGNED 1900  A.M.  P.M.

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

SURVEY	AGREE	UN-AGREE	DIS-AGREE	PAGE TOTAL #1	5135.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				#2	3785.79
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 16261

CUSTOMER: AMERICAN WARRIOR INC. WELL: KATHYRN 1-1 DATE: 5-28-09 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION					UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		1				STANDARD CEMENT EA-2	175	SKS			11.00	1925.00
276		1				FLOCELE	44	LBS			11.50	661.00
283		1				SALT	900	LBS			1.5	135.00
284		1				CAISEAL	8	SKS	800	LBS	30.00	240.00
292		1				HALW 322	125	LBS			6.50	812.50
290		1				D-NR	2	GAL			35.00	70.00
						RECEIVED NOV 05 2009 KCC WICHITA						
581		1				SERVICE CHARGE	CUBIC FEET		175		1.50	262.50
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			
							18319	30	274.79		1.00	274.79

CONTINUATION TOTAL 3785.79

JOB LOG

SWIFT Services, Inc.

DATE 5-28-09 PAGE NO. 7

CUSTOMER AMERICAN WADDOLE Inc. WELL NO. 1-1 LEASE KATHYRN JOB TYPE 5/2" LONGSTAING TICKET NO. 16261

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION
	2030							START 5/2" CASE JOGZV WELL
								TD - 4395' SETc 4394
								TD - 4398' 5/2" 15.5
								SJ - 42.23'
								CENTRALIZERS - 1, 2, 3, 4, 70
								CMT BSKTS - 5, 71
								PORT COLLAR = <del>MAX</del> 1472 TUPJT " 71
	2210							DROP BALL - CALCULATE
	2245	6	12		✓		450	PUMP 500 GAL MUD FLUSH
	2247	6	20		✓		450	PUMP 20 BBLs KCL-FLUSH
	2252		7					PLUG RH (30 WLS)
	2255	5	35		✓		250	MAX CEMENT - 145 WLS EA-2 = 15.5 PPG
	2303							WASH OUT PUMP LINES
	2304							RELEASE LATCH DOWN PLUG
	2305	7	0		✓			DISPLACE PLUG
	2320	6 1/2	103.7				1500	PLUG DOWN - PSE UP LATCH ZV PLUG
	2322						OK	RELEASE PSE HEAD
								WASH TRUCK
	2400							JOB COMPLETE

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KCC WICHITA

THANK YOU  
WADDOLE BOETT DAVE



CHARGE TO: AMERICAN WATER INC  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET

№ 16356

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>NESS CITY KS</u>	WELL/PROJECT NO. <u>1-1</u>	LEASE <u>KATHRYN</u>	COUNTY/PARISH <u>NESS CO.</u>	STATE <u>KS</u>	CITY <u>PAETOWE KS</u>	DATE <u>052109</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>PETRO MARK</u>		RIG NAME/NO. <u>41</u>	SHIPPED VIA	DELIVERED TO <u>42.45, 22, 2N</u>	ORDER NO. <u>155472</u>	
3. WELL TYPE <u>OTC WELL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>SURFACE PIPE</u>	WELL PERMIT NO. <u>RT4151-2490</u>	WELL LOCATION <u>SEC 1-205-21W</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
5705		1			MILEAGE 110	1	@	25	ML	5.00	125.00
5765		1			PUMP CABLE 2500 FT	1	@			750.00	750.00
581		1			SERVICE CABLE CEMENT	160	PCS			1.50	240.00
592		1			MENTHUM DRYAGE CABLE	1	@			250.00	250.00
325		1			STANDARD CEMENT	160	SK			11.00	1760.00
778		1			CALCIUM CHLORIDE	7	SK			25.00	175.00
279		1			PENTONITE 1512	2	SK			20.00	40.00
410		1			TOP PAUL 4 5/8	1	@			100.00	100.00

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 TOP WICHITA

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

X Mark 052109  
 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

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	<b>PAGE TOTAL</b>	3460.00
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?				<b>TAX</b>	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				<b>TOTAL</b>	

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

SWIFT OPERATOR DUSTY D. FULK APPROVAL \_\_\_\_\_

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 052109 PAGE NO.

CUSTOMER AMER. LEAS. COMPANY

WELL NO. 1-1

LEASE KATHARIN

JOB TYPE SURFACE

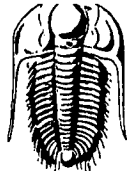
TICKET NO. 16356

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0754							DUPLICATE P. THE MARK PULLING COLLARS
								212' 8 5/8 24# SURFACE PIPE CAPACITY 13,4432
								12 1/4" I.D. ANN. DIA. 15.58
								TOTAL 29.04
	0833							CASING RUN ABOVE CIRCUMFER. RTU UP TRKS.
	0853	3	1	✓	✓		50	START PUMPING.
	0903		32		✓			STOPS UP CEMENT CIRCUMFER.
	0908		38					RELEASE PLUG
	0913	0	50		✓		3000	PUMP DISPLACEMENT CUT 1061 SAER. 26 SKS TO GET GOOD COLR. WASH UP RIG DOWN TICKETS
	1000							JOB COMPLETED
								THANK YOU DUSTY, ERST & SCOTT

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KCC WICHITA



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36146

10/08

Well Name & No. Kathryn #1-1 Test No. 1 Date 5-27-09  
 Company American Warrior, Inc. Elevation 2252 KB 2246 GL  
 Address PO Box 399, Garden City, Ks. 67846  
 Co. Rep / Geo. Jason Alm Rig Petro mark #1  
 Location: Sec. 1 Twp. 20s Rge. 21w Co. Ness State Ks

Interval Tested 4375 - 4387 Zone Tested Mississippi  
 Anchor Length 12' Drill Pipe Run 4232 Mud Wt. 9.1  
 Top Packer Depth 4370 Drill Collars Run 121 Vis 50  
 Bottom Packer Depth 4375 Wt. Pipe Run 0 WL 10.8  
 Total Depth 4387 Chlorides 4200 ppm System LCM TF  
 Blow Description IFP - Weak Blow, Built to 4"  
ISI - Dead  
HFP - Weak Blow, Built to 4"  
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>Free Oil</u>				
<u>70</u>	<u>Mud Cut Oil</u>		<u>75</u>		<u>25</u>
Rec Total	<u>135</u>	BHT <u>121°</u>	Gravity <u>36</u>	API RW	@ ° F Chlorides ppm

(A) Initial Hydrostatic 2224  
 (B) First Initial Flow 21  
 (C) First Final Flow 47  
 (D) Initial Shut-In 1058  
 (E) Second Initial Flow 57  
 (F) Second Final Flow 69  
 (G) Final Shut-In 922  
 (H) Final Hydrostatic 2154

Test  
 Jars  
 Safety Joint  
 Circ Sub  
 Hourly Standby  
 Mileage 128 rt  
 Sampler  
 Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total

T-On Location 22:25  
 T-Started 23:15  
 T-Open 1:00  
 T-Pulled 4:00  
 T-Out 6:40

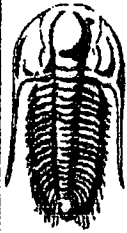
**RECEIVED**  
**NOV 05 2009**

**KCC WICHITA**

Comments  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total  
 Total

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

Approved By \_\_\_\_\_ Our Representative J. Mc Lemore  
 Trilobite Testing Inc. shall not be liable for damaged or lost property or personnel of the one for whom a test is made, or for any injury 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.**

# DRILL STEM TEST REPORT

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

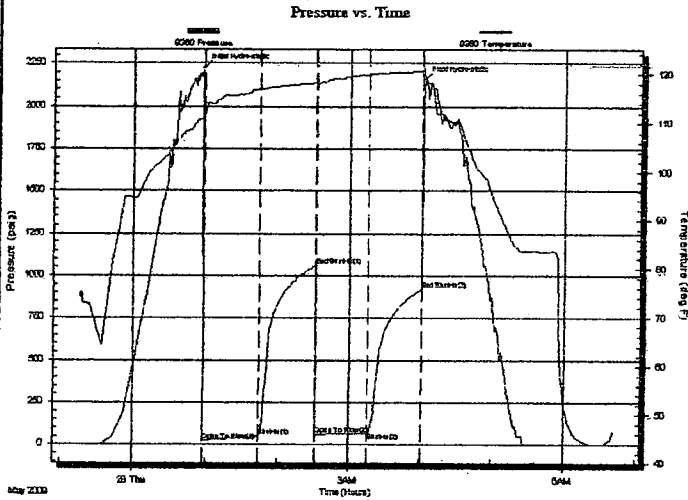
**Kathryn #1-1**  
**1-20s-21w-Ness**  
Job Ticket: 36143      **DST#: 1**  
Test Start: 2009.05.27 @ 23:15:47

## GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No Whipstock      ft (KB)  
Time Tool Opened: 00:58:17  
Time Test Ended: 06:41:17  
Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32  
Interval: **4375.00 ft (KB) To 4387.00 ft (KB) (TVD)**  
Reference Elevations: 2252.00 ft (KB)  
Total Depth: 4387.00 ft (KB) (TVD)      2246.00 ft (CF)  
Hole Diameter: 7.80 inches Hole Condition: Good      KB to GR/CF: 6.00 ft

**Serial #: 8360**      **Inside**  
Press@RunDepth: 69.17 psig @ 4377.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.05.27      End Date: 2009.05.28      Last Calib.: 2009.05.28  
Start Time: 23:15:47      End Time: 06:41:17      Time On Btm: 2009.05.28 @ 00:57:17  
Time Off Btm: 2009.05.28 @ 04:02:17

**TEST COMMENT:** FFP-Weak Blow, Built to 4"  
ISI-Dead  
FFP-Weak Blow, Built to 4"  
FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.61	110.74	Initial Hydro-static
1	20.68	111.50	Open To Flow (1)
47	47.38	116.87	Shut-In(1)
94	1058.35	118.14	End Shut-In(1)
95	57.48	117.92	Open To Flow(2)
139	69.17	119.84	Shut-In(2)
184	921.58	120.57	End Shut-In(2)
185	2154.33	120.13	Final Hydro-static

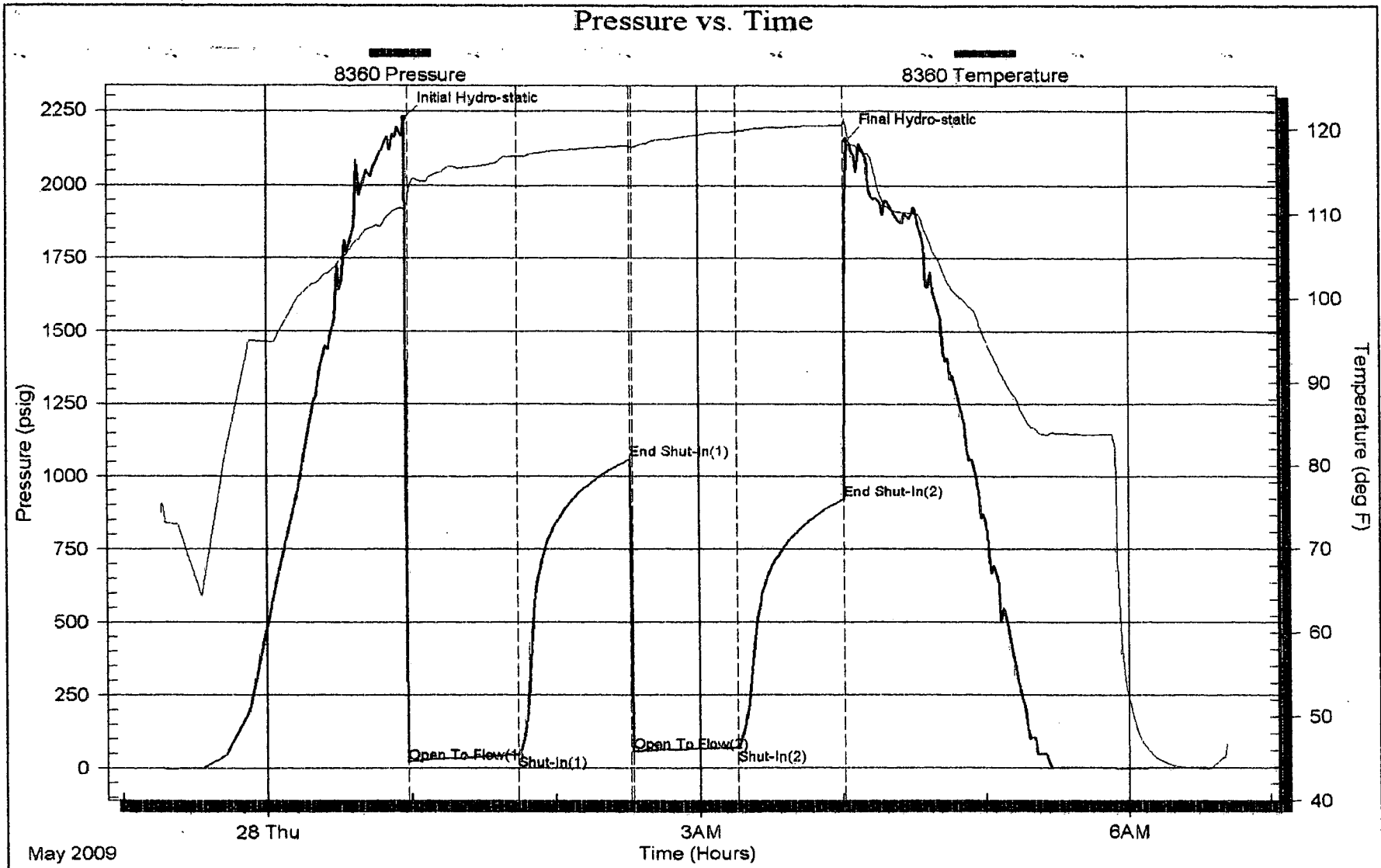
## Recovery

Length (ft)	Description	Volume (bbl)
70.00	MCO-75%O-25%M	0.34
65.00	Free Oil	0.45

## Gas Rates

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

W>J



# **Geological Report**

American Warrior, Inc.  
**Kathryn #1-1**  
2250' FSL & 1600' FEL  
Sec. 1 T20s R21w  
Ness County, Kansas



**American Warrior, Inc.**

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## General Data

Well Data: American Warrior, Inc.  
Kathryn #1-1  
2250' FSL & 1600' FEL  
Sec. 1 T20s R21w  
Ness County, Kansas  
API # 15-135-24910-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: May 21, 2009

Completion Date: May 28, 2009

Elevation: 2246' Ground Level  
2252' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to HH road, south on HH road to 50 road. east on 50 road 2 mi. north on county line ½ mi, west into location.

Casing: 218' 8 5/8" surface casing  
4394' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Mike Garrison"  
CNL/CDL, DIL

Drillstem Tests: One, Trilobite Testing, Inc. "Jason McLemore"

Problems: Logging tools depth was off by 12 feet. The log was shifted to fit TD after casing was run.

Remarks: After logging an additional 8 feet were cut new TD 4395', -2143.

## Formation Tops

	American Warrior, Inc.
	Kathryn #1-1
	Sec. 1 T20s R21w
	2250' FSL & 1600' FEL
<b>Formation</b>	
Anhydrite	1458', +794
Base	1482', +770
Heebner	3762', -1510
Lansing	3810', -1558
BKc	4131', -1879
Pawnee	4270', -2018
Fort Scott	4294', -2042
Cherokee	4311', -2059
Mississippian	4374', -2122
RTD	4395', -2143
LTD	4387', -2135

## Sample Zone Descriptions

**Mississippian Osage (4374', -2122):** Covered in DST #1

Dolo - Δ - Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, heavy chert with pinpoint vuggy porosity, light to heavy oil stain and saturation, good show of free oil, good odor, bright yellow cut fluorescents. 50 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Jason McLemore"

**DST #1**

**Mississippian Osage**

Interval (4375' - 4387') Anchor Length 12'

IHP	- 2223 #	
IFP	- 45" - Built to 4 in.	21-47 #
ISI	- 45" - Dead	1058 #
FFP	- 45" - Built to 4 in.	57-69 #
FSI	- 45" - Dead	922 #
FHP	- 2154 #	
BHT	- 121°F	

Recovery:    65' Clean Oil  
                   70' MCO      75% Oil

**Structural Comparison**

	American Warrior, Inc. Kathryn #1-1 Sec. 1 T20s R21w 2250' FSL & 1600' FEL		Scott Richie Young Kathryn #1 Sec. 1 T20s R21w 2310' FSL & 1980' FEL		Halliburton Company Neumeyer #1 Sec. 1 T20s R21w C SW NE	
<b>Formation</b>						
Anhydrite	1458', +794		1462', +791	(+3)	1474', +789	(+5)
Base	1482', +770		NA	NA	1500', +763	(+7)
Heebner	3762', -1510		3777', -1524	(+14)	3789', -1526	(+16)
Lansing	3810', -1558		3829', -1576	(+18)	3840', -1577	(+19)
BKc	4131', -1879		NA	NA	NA	NA
Pawnee	4270', -2018		NA	NA	NA	NA
Fort Scott	4294', -2042		4312', -2059	(+17)	4330', -2067	(+25)
Cherokee	4311', -2059		NA	NA	4344', -2081	(+22)
Mississippian	4374', -2122		4382', -2129	(+7)	4407', -2144	(+22)



## **Summary**

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

## **Recommended Perforations**

**Mississippian Osage:           ( 4374' – 4390' )                   DST #1**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.