

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION.  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

3/15/14

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: P.O.Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + \_\_\_\_\_  
Contact Person: Kevin Wiles Sr  
Phone: ( 620 ) 275-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co.  
Wellsite Geologist: James Musgrove  
Purchaser: NCRA

API No. 15 - 159-22,662-00-00  
Spot Description: NE. sec. 24-19s-10w  
SW NW NE NE Sec. 24 Twp. 19 S. R. 10  East  West  
649 Feet from  North /  South Line of Section  
1,005 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rice  
Lease Name: Kathy Well #: 1-24  
Field Name: Chase-Silica

Producing Formation: Arbuckle  
Elevation: Ground: 1740 Kelly Bushing: 1748  
Total Depth: 3400 Plug Back Total Depth: 3372  
Amount of Surface Pipe Set and Cemented at: 353 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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

11-12-2011	11-17-2011	1-13-2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 12000 ppm Fluid volume: 350 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: **CONFIDENTIAL** License #: \_\_\_\_\_  
Quarter 3 Sec 15 Twp 19 S. R. 10  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**KCC**

**RECEIVED**  
**MAR 15 2012**

**KCC WICHITA**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Topeka, 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.

**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.

Signature: [Signature]  
Title: Production SUPT. Date: 3-14-12

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: 3/15/12 - 3/15/14  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: [Signature] Date: 3-20-12

100

COM. CONTROL

100

100

100

100

100

100

Operator Name: American Warrior INC Lease Name: Kathy Well #: 1-24  
 Sec. 24 Twp. 19 S. R. 10  East  West County: Rice

**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: <b>Micro, DIL. DCPL.</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>2791</td> <td>-1043</td> </tr> <tr> <td>Toronto</td> <td>2814</td> <td>-1066</td> </tr> <tr> <td>Douglas</td> <td>2825</td> <td>-1077</td> </tr> <tr> <td>Lansing</td> <td>2945</td> <td>-1197</td> </tr> <tr> <td>BKC</td> <td>3224</td> <td>-1476</td> </tr> <tr> <td>Arbuckle</td> <td>3264</td> <td>-1516</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	2791	-1043	Toronto	2814	-1066	Douglas	2825	-1077	Lansing	2945	-1197	BKC	3224	-1476	Arbuckle	3264	-1516
Name	Top	Datum																				
Heebner	2791	-1043																				
Toronto	2814	-1066																				
Douglas	2825	-1077																				
Lansing	2945	-1197																				
BKC	3224	-1476																				
Arbuckle	3264	-1516																				

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"	24#	353'	common	275	3% cc& 2% gel
Production	7-7/8"	5-1/2"	14#	3396	EA-2	150	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 type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3276'-3280'	500 gals 15% MCA	same
		<b>CONFIDENTIAL</b>	
		<b>MAR 15 2014</b>	
		<b>KCC</b>	<b>RECEIVED</b>
			<b>MAR 15 2012</b>

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>3365</u> Packer At: <u>none</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>KCC WICHITA</b>
Date of First, Resumed Production, SWD or ENHR. <u>SI</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>SI</u>	Gas Mcf <u>SI</u>	Water Bbls. <u>SI</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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>3276'-3280'</u>
--	--	--



CHARGE TO: American WARRIOR Inc  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

RECEIVED  
 MAR 15 2012  
 KCC WICHITA

TICKET No 21136

PAGE 2 OF 2

CONFIDENTIAL  
 MAR 15 2012  
 KCC

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>HAYS</u>	<u>1-24</u>	<u>MATHY</u>	<u>RICE</u>	<u>KS</u>		<u>11-18-11</u>	
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.			<u>DUNE DRILL #8</u>	<u>CT</u>	<u>CHASE</u>		
4.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>LONGSTRING</u>	WELL PERMIT NO. <u>15-159-22662</u>	WELL LOCATION <u>52471900</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	70		mi		6.00	420	00
578		1			PUMP SERVICE	1		EA		1500.00	1500	00
221		1			LIQUIDACE	2		GAZ		25.00	50	00
291		1			MUD FLUSH	500		LN		1.25	625	00
290		1			DAIR	2		CR		35.00	70	00
402		1			CENTRALIZER	6		EA	5 1/2 in	70.00	420	00
403		1			BASSET	1		EA		250.00	250	00
406		1			LATCHDOWN AUG & BUSH	1		EA		250.00	250	00
407		1			INSERT FROM SAVE 1/2 AMPLIF	1		EA		350.00	350	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 Andrew Stephen  
 DATE SIGNED 11-18-11 TIME SIGNED 0130  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	3935	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<u>16/2</u>	4870	88
WE UNDERSTOOD AND MET YOUR NEEDS?				sub	8805	88
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Rice TAX	430	43
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				7.3%		
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	9230	31
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

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

SWIFT OPERATOR DAVE BEN APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. **21136**

CUSTOMER **AWI** WELL **1-24, HATHY** DATE **11-18-11** PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION					UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	UM	QTY	UM			
325		2				STD EA-2 CMT	175	SK			23	50	2362 50
276		2				FLOCELE	50	LB			2	100	100 00
283		2				SALT	250	LB			20		170 00
284		2				CALSER	8	SK			35	00	280 00
292		2				HARD 32	125	LB			7	25	968 25
581		2				SERVICE CHG CMT	175	SK			2	00	350 00
583		2				DRYAKE	639.63	Tm			1	00	639 63

RECEIVED  
MAR 15 2012  
KCC WICHITA  
CONFIDENTIAL  
MAR 5 2014  
KCC

SERVICE CHARGE CUBIC FEET  
MILEAGE CHARGE TOTAL WEIGHT LOADED MILES TON MILES

CONTINUATION TOTAL 4870.88

JOB LOG

SWIFT Services, Inc.

DATE 11-18-11 PAGE NO. 17

CUSTOMER **AWI** WELL NO. **1-24** LEASE **MATHY** JOB TYPE **LONG STRING** TICKET NO. **21136**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130							ON LOCATION CMT: 175 SWS STD EA-2 RTD 3400 SET PAK 3396 SJ 20.26 TRUSS 3325 5 1/2 14" CENT 2, 4, 7, 9, 11, 13 BASKET 3  RUN 8750 LINES 1 JOINT OUT #76
	0240							START GSG & FEATHER
	0400							THE BOTTOM, DROP 32%
	0430							BREAK CIRC, CIRC 1 HR
	0540		7.5					PLUG RH 30, MH 20
	0545	55	12		-		200	500 GPM MUD FLOW
		5	20		-		5	20 GPM KEL FLOW
			30.5		-			125 SWS CMT
								DROP LD, WASHOUT PL
		60	0		-		200	START DISP
			70.0		-		500	
			75.0		-		600	
			800		-		700	
	0615	45	82.3		-		1500	LAND PLUG
	0630							RELEASE SKY
	0700							JOB COMPLETE
								THANK YOU! DAVE, JESSE, ROB

RECEIVED  
MAR 15 2012

CONFIDENTIAL  
MAR 15 2014

KCC WICHITA

KCC

1

1940

1941

1942

1943

1944

# ALLIED CEMENTING CO., LLC. 037417

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

SERVICE POINT: Great Bend, KS

DATE <u>11-12-11</u>	SEC <u>24</u>	TWP <u>19</u>	RANGE <u>10</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Kg Hay</u>	WELL # <u>1</u>	LOCATION <u>Chase, KS / West</u>		COUNTY <u>Rice</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)		<u>234 north, west side</u>					

CONTRACTOR Duke S OWNER American Warrior

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 353

CASING SIZE 4 5/8 DEPTH 353

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15-ft.

PERFS.

DISPLACEMENT

CEMENT		
AMOUNT ORDERED	<u>275 slbs Class A</u>	
	<u>50% CC 20% gel</u>	
COMMON	<u>275</u>	@ <u>14.25</u> <u>4468.75</u>
POZMIX		@
GEL	<u>5</u>	@ <u>21.25</u> <u>106.25</u>
CHLORIDE	<u>9</u>	@ <u>58.20</u> <u>523.80</u>
ASC		@
		@
		@
		@
		@
		@
		@
		@
HANDLING	<u>289</u>	@ <u>2.25</u> <u>650.25</u>
MILEAGE	<u>289 x 18 x 11</u>	<u>572.22</u>
TOTAL		<u>6321.22</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Greg D.</u>
# <u>398</u>	HELPER	<u>Shane K</u>
BULK TRUCK		
# <u>544-170</u>	DRIVER	<u>Jim / Vince</u>
BULK TRUCK		
#	DRIVER	

REMARKS:

Pipe on bottom break circulation with remaining mix 275 slbs Class A 50% CC 20% gel. Shut down release plug and replace with 2 1/2" ID. Freshwater slotted, cement did fine.

Plug down @ 11:30am

SERVICE

DEPTH OF JOB	<u>353</u>	
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>Hum 36</u>	@ <u>7.00</u> <u>252.00</u>
MANIFOLD	@	
	<u>Hum 36</u>	@ <u>4.00</u> <u>144.00</u>
	@	
TOTAL		<u>1521.00</u>

CHARGE TO American Warrior

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>Wood plug</u>	@ <u>94.00</u>	<u>94.00</u>
	@	
<b>CONFIDENTIAL</b>	@	
	@	
<u>MAR 15 2014</u>	@	
<b>KCC</b>		TOTAL <u>94.00</u>

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.

PRINTED NAME x Steve Stephens

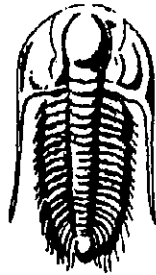
SIGNATURE x Steve Stephens

Thank You!

SALES TAX (If Any)	
TOTAL CHARGES	<u>7.936.27</u>
DISCOUNT <u>10% 20%</u>	<u>2.071.36</u>
	<u>IF PAID IN 30 DAYS</u>
	<u>5.864.91</u>

RECEIVED  
MAR 15 2012  
KCC WICHITA





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399  
Garden City, KS 67646

ATTN: Jim Musgrove

**Kathy #1-24**

**24-19-10 Rice, KS**

Start Date: 2011.11.16 @ 23:06:43

End Date: 2011.11.17 @ 05:23:43

Job Ticket #: 44734                      DST #: 1

**CONFIDENTIAL**

**MAR 15 2014**

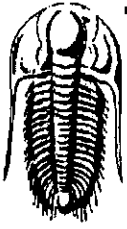
**KCC**

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

**RECEIVED**

**MAR 15 2012**

**KCC WICHITA**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
 PO Box 399  
 Garden City, KS 67646  
 ATTN: Jim Musgrove

24-19-10 Rice, KS  
 Kathy #1-24  
 Job Ticket: 44734      DST#: 1  
 Test Start: 2011.11.16 @ 23:06:43

## GENERAL INFORMATION:

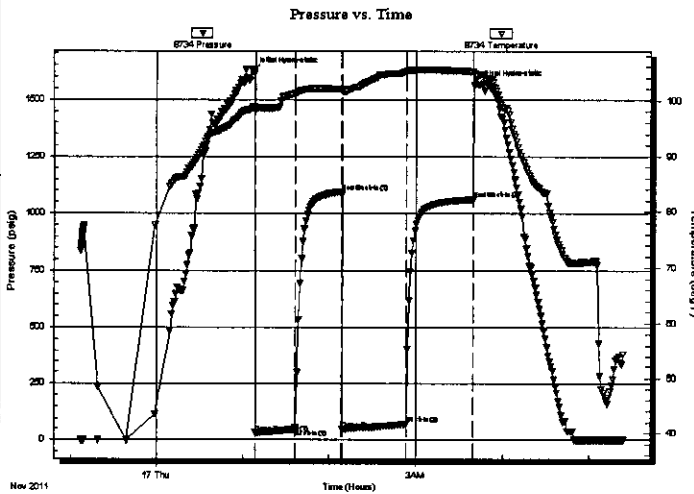
Formation: **Arbuckle**  
 Deviated: **No Whipstock**      ft (KB)  
 Time Tool Opened: 01:08:43  
 Time Test Ended: 05:23:43  
 Interval: **3212.00 ft (KB) To 3276.00 ft (KB) (TVD)**  
 Total Depth: **3276.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Brian Fairbank**  
 Unit No: **41**  
 Reference Elevations: **1748.00 ft (KB)**  
**1740.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

## Serial #: 8734

**Outside**

Press@RunDepth: **71.42 psig @ 3215.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.11.16**      End Date: **2011.11.17**      Last Calib.: **2011.11.17**  
 Start Time: **23:06:44**      End Time: **05:23:43**      Time On Btm: **2011.11.17 @ 01:07:13**  
 Time Off Btm: **2011.11.17 @ 03:42:13**

TEST COMMENT: IFP - weak to fair blow 1" - 5"  
 ISI - no blow back  
 FFP - weak to good blow sur - 8 1/2"  
 FSI - sur blow back throughout



## PRESSURE SUMMARY

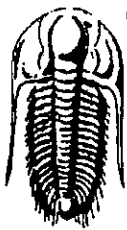
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1621.65	98.86	Initial Hydro-static
2	32.45	98.23	Open To Flow (1)
30	46.49	101.24	Shut-In(1)
62	1094.11	102.05	End Shut-In(1)
63	47.36	101.67	Open To Flow (2)
106	71.42	105.15	Shut-In(2)
152	1061.88	105.17	End Shut-In(2)
155	1568.00	104.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 20%O, 80%M	0.84
15.00	GMOO 5%G, 50%O, 45%M	0.21
15.00	FREE OIL 95%O, 5%M	0.21
0.00	120' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City, KS 67646  
ATTN: Jim Musgrove

**24-19-10 Rice, KS**  
**Kathy #1-24**  
Job Ticket: 44734      **DST#: 1**  
Test Start: 2011.11.16 @ 23:06:43

## GENERAL INFORMATION:

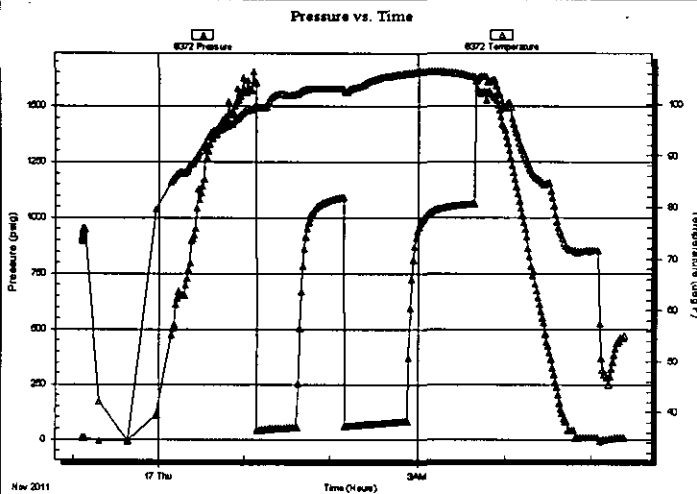
Formation: **Arbuckle**  
 Deviated: **No** Whipstock: **ft (KB)**      Test Type: **Conventional Bottom Hole (Initial)**  
 Time Tool Opened: **01:08:43**      Tester: **Brian Fairbank**  
 Time Test Ended: **05:23:43**      Unit No: **41**

Interval: **3212.00 ft (KB) To 3276.00 ft (KB) (TVD)**      Reference Elevations: **1748.00 ft (KB)**  
 Total Depth: **3276.00 ft (KB) (TVD)**      **1740.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**      KB to GR/CF: **8.00 ft**

**Serial #: 8372**      **Inside**

Press@RunDepth:      psig @      3215.00 ft (KB)      Capacity:      8000.00 psig  
 Start Date:      2011.11.16      End Date:      2011.11.17      Last Calib.:      2011.11.17  
 Start Time:      23:06:13      End Time:      05:23:12      Time On Btrr  
    Time Off Btrr

**TEST COMMENT:** IFP - weak to fair blow 1" - 5"  
 ISI - no blow back  
 FFP - weak to good blow sur - 8 1/2"  
 FSI - sur blow back throughout



## PRESSURE SUMMARY

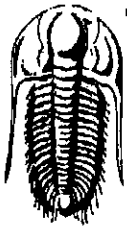
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 20%O, 80%M	0.84
15.00	GMCO 5%G, 50%O, 45%M	0.21
15.00	FREE OIL 95%O, 5%M	0.21
0.00	120' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc.  
PO Box 399  
Garden City, KS 67646  
  
ATTN: Jim Musgrove

**24-19-10 Rice, KS**  
**Kathy #1-24**  
Job Ticket: 44734      **DST#: 1**  
Test Start: 2011.11.16 @ 23:06:43

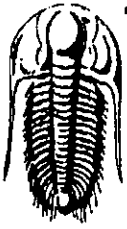
**Tool Information**

Drill Pipe:	Length: 3204.00 ft	Diameter: 3.80 inches	Volume: 44.94 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3212.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3197.00	
Hydraulic tool	5.00			3202.00	
Packer	5.00			3207.00	20.00      Bottom Of Top Packer
Packer	5.00			3212.00	
Stubb	1.00			3213.00	
Perforations	1.00			3214.00	
Change Over Sub	1.00			3215.00	
Recorder	0.00	8372	Inside	3215.00	
Recorder	0.00	8734	Outside	3215.00	
Blank Spacing	32.00			3247.00	
Change Over Sub	1.00			3248.00	
Perforations	25.00			3273.00	
Bullnose	3.00			3276.00	64.00      Bottom Packers & Anchor

**Total Tool Length: 84.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.

24-19-10 Rice, KS

PO Box 399  
Garden City, KS 67646

Kathy #1-24

Job Ticket: 44734

DST#: 1

ATTN: Jim Musgrove

Test Start: 2011.11.16 @ 23:06:43

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

46 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 20%O, 80%M	0.842
15.00	GMCO 5%G, 50%O, 45%M	0.210
15.00	FREE OIL 95%O, 5%M	0.210
0.00	120' GIP	0.000

Total Length: 90.00 ft

Total Volume: 1.262 bbl

Num Fluid Samples: 0

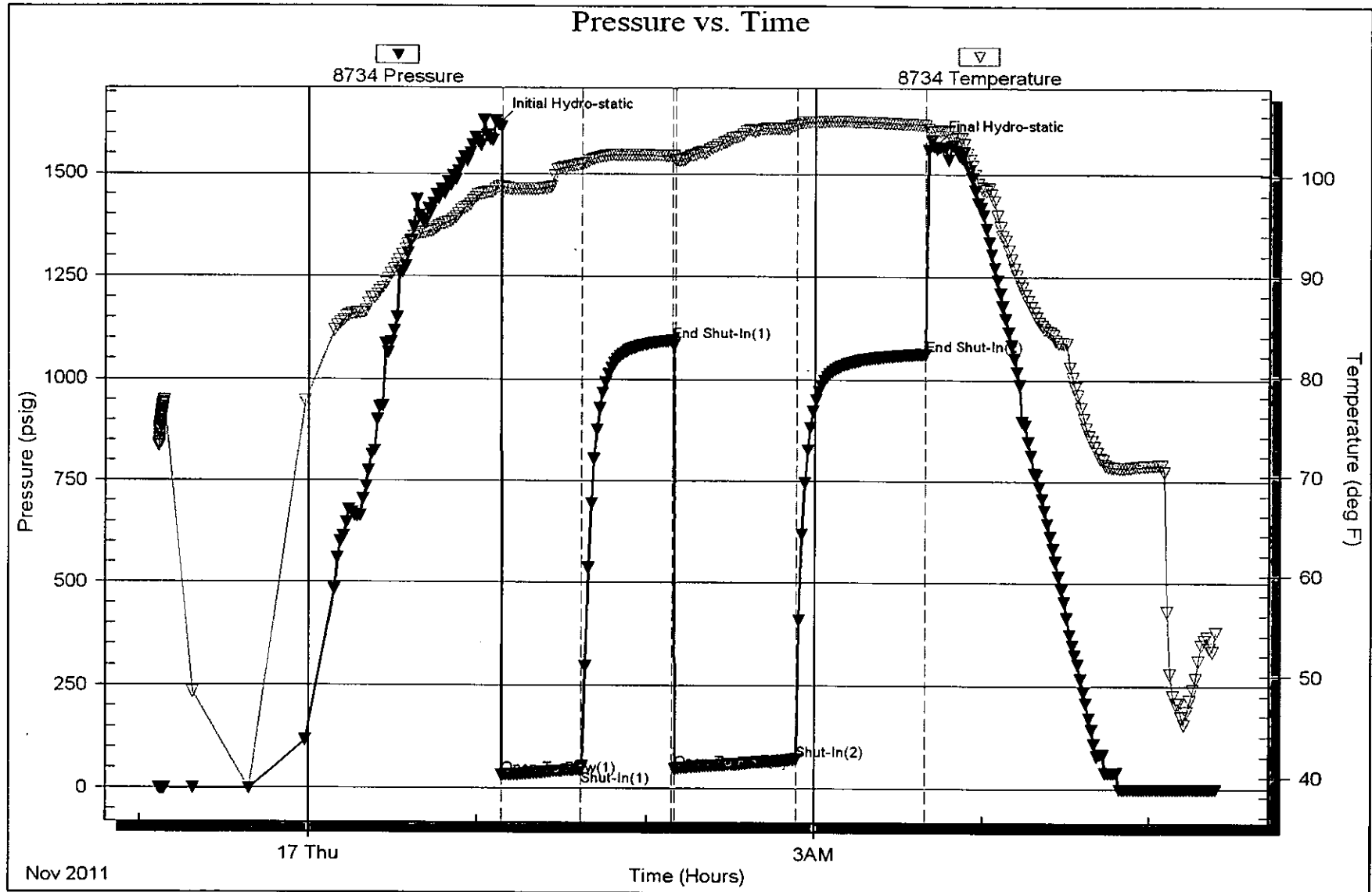
Num Gas Bombs: 0

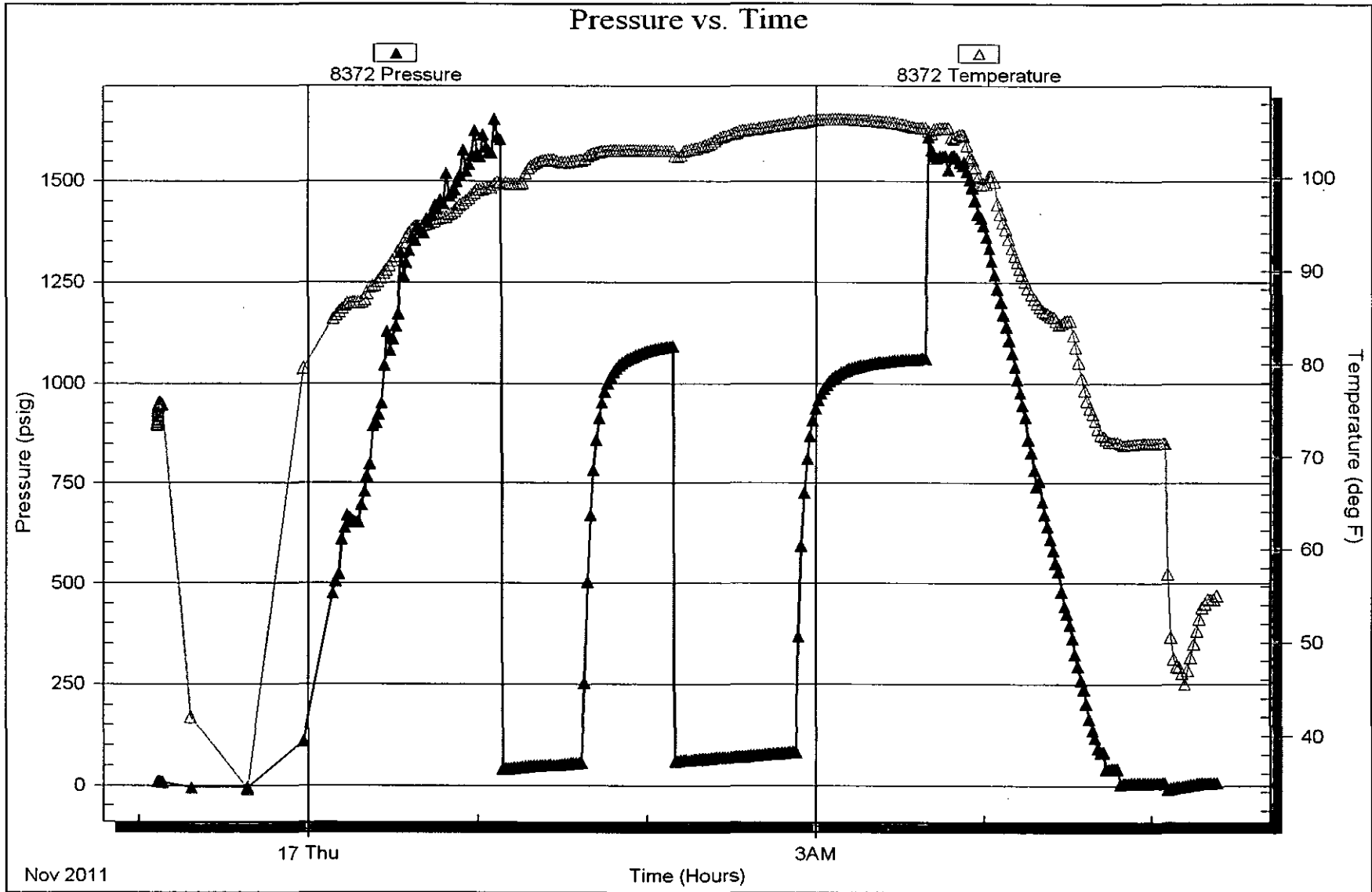
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

## Test Ticket

NOV 18 2011

NO. 44734

BY:

Well Name & No. Kathy 1-24 Test No. 1 Date 11-16-11  
 Company Am Warrior Elevation 1748 KB 1740 GL  
 Address 3118 Cummings Rd, PO Box 399, Garden City, KS 67646  
 Co. Rep / Geo. Jim Murgrove Rig Duke 8  
 Location: Sec. 24 Twp. 19 Rge. 10 Co. Rice State KS

Interval Tested 3212 - 3276 Zone Tested Arbuckle  
 Anchor Length 64 Drill Pipe Run 3204 Mud Wt. 9.5  
 Top Packer Depth 3207 Drill Collars Run — Vis SS  
 Bottom Packer Depth 3212 Wt. Pipe Run — WL 7.2  
 Total Depth 3276 Chlorides 5000 ppm System LCM

Blow Description I-FP - weak to fair blow 1" - 5"  
ISI - no blow back  
F-FP - weak to good blow sur - 8 1/2"  
F-SI - sur blow back throughout

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>GalP</u>				
<u>15</u>	<u>Free Oil</u>		<u>95%</u>		<u>5%</u>
<u>15</u>	<u>GMCO</u>	<u>5%</u>	<u>50%</u>		<u>45%</u>
<u>60</u>	<u>OCM</u>		<u>20%</u>		<u>80%</u>

Rec Total 90 BHT 105 Gravity 46 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 1622  Test 1125' T-On Location 193.7  
 (B) First Initial Flow 32  Jars T-Started 2306  
 (C) First Final Flow 47  Safety Joint T-Open 0108  
 (D) Initial Shut-In 1094  Circ Sub T-Pulled 0338  
 (E) Second Initial Flow 47  Hourly Standby 1/2 hr 50 T-Out 0523  
 (F) Second Final Flow 71  Mileage 142 RT 198.80 Comments  
 (G) Final Shut-In 1062  Sampler  
 (H) Final Hydrostatic 1568  Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 45  
 Final Shut-In 45

Sub Total 1373.80

Approved By

Our Representative

Brian Farber

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

RECEIVED

MAR 15 2012

KCC WICHITA

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1373.80  
 MP/DST Disc't