

CONFIDENTIAL

ORIGINAL  
KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

4/13/14

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: Jody Smith  
Phone: ( 620 ) 275-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co.Inc.  
Wellsite Geologist: Harley Sayles  
Purchaser: Plains Marketing LP.

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 #:

3/3/12 3/10/12 4/5/12  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 083-21759 -0000  
Spot Description:  
NW\_NW\_SE\_SW Sec. 4 Twp. 24 S. R. 21  East  West  
1,000 Feet from  North /  South Line of Section  
1,625 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Hodgeman  
Lease Name: Burke-Jacobs Well #: 1-4  
Field Name: Saw Log Creek Southeast  
Producing Formation: Marmaton  
Elevation: Ground: 2363 Kelly Bushing: 2374  
Total Depth: 4660 Plug Back Total Depth: 4653  
Amount of Surface Pipe Set and Cemented at: 214 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1435' Feet  
If Alternate II completion, cement circulated from: 1435'  
feet depth to: 914 w/ 175sx sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 15,000 ppm Fluid volume: 40 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name: License #:  
Quarter Sec. Twp. S. R.  East  West  
County: Permit #:

CONFIDENTIAL  
APR 13 2014

KCC

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.

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: Foreman Date: 4/9/10

KCC Office Use ONLY RECEIVED  
 Letter of Confidentiality Received Date: 4-13-12 to 4-13-14 APR 13 2012  
 Confidential Release Date:  
 Wireline Log Received KCC WICHITA  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NJ Date: 5-1-12

Operator Name: American Warrior Inc. Lease Name: Burke-Jacobs Well #: 1-4  
 Sec. 4 Twp. 24 S. R. 21  East  West County: Hodgeman

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Micro, Porosity</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>Anhy</td> <td>1452'</td> <td>+922</td> </tr> <tr> <td>B/Anhy</td> <td>1482'</td> <td>+892</td> </tr> <tr> <td>Heebner</td> <td>3960'</td> <td>-1586</td> </tr> <tr> <td>Lansing</td> <td>4062'</td> <td>-1688</td> </tr> <tr> <td>B/KC</td> <td>4400'</td> <td>-2026</td> </tr> <tr> <td>Marmaton</td> <td>4421'</td> <td>-2047</td> </tr> <tr> <td>Mississippian</td> <td>4645'</td> <td>-2271</td> </tr> </table>	Name	Top	Datum	Anhy	1452'	+922	B/Anhy	1482'	+892	Heebner	3960'	-1586	Lansing	4062'	-1688	B/KC	4400'	-2026	Marmaton	4421'	-2047	Mississippian	4645'	-2271
Name	Top	Datum																							
Anhy	1452'	+922																							
B/Anhy	1482'	+892																							
Heebner	3960'	-1586																							
Lansing	4062'	-1688																							
B/KC	4400'	-2026																							
Marmaton	4421'	-2047																							
Mississippian	4645'	-2271																							

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	121/4	85/8	23#	214'	Class A	150sx	3%CC,2%gel
Production	77/8	51/2	17#	4654	EA-2	125sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	600' to surface	SMD	300sx	

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	4440'to 4450'		

RECEIVED  
APR 13 2012  
KCC WICHITA

TUBING RECORD: Size: <u>23/8</u> Set At: <u>4651</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>NA</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u>	Gas-Oil Ratio _____ Gravity _____

CONFIDENTIAL  
APR 13 2014  
KCC

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4440'to 4450'</u>
---	--	--

# Geological Report

American Warrior Inc.  
**Burke-Jacobs #1-4**  
1000' FSL & 1625' FWL  
Sec. 4 T24s R21w  
Hodgeman County, Kansas



**American Warrior, Inc.**

CONFIDENTIAL

APR 13 2014

KCC

RECEIVED  
APR 13 2012  
KCC WICHITA

## General Data

Well Data: American Warrior, Inc.  
Burke-Jacobs #1-4  
1000' FSL & 1625' FWL  
Sec. 4 T24s R21w  
Hodgeman County, Kansas  
API # 15-083-21759-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Harley Sayles

Spud Date: March 3, 2012

Completion Date: March 10, 2012

Elevation: 2363' Ground Level  
2374' Kelly Bushing

Directions: Hanston KS, 7.9 mi south on Spearville Rd, 4 mi  
East on H Rd, 2 mi South on 232 Rd, 0.4 mi East on  
F Rd, 0.2 mi North into location

Casing: 23# 8 5/8" surface casing @ 214, 17# 5 1/2"  
production casing set @ 4654

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

Drilling Time: 3850' to RTD

Electric Logs: Dual Induction, Microresistivity, Dual  
Compensated Porosity

Drillstem Tests: Two, "Jeff Brown"

Problems: None

Remarks: None

RECEIVED  
APR 13 2012  
KCC WICHITA

CONFIDENTIAL

APR 13 2014

KCC

## Formation Tops

Formation	American Warrior, Inc. Burke-Jacobs #1-4 Sec. 4 T24s R21w 1000' FSL & 1625' FWL
Anhydrite	1452', +922
Base	1482', +892
Heebner	3960', -1586
Douglas	3986', -1612
Lansing	4062', -1688
Stark	4290', -1916
BKc	4400', -2026
Marmaton	4421', -2047
Altamont "A"	4437', -2063
Pawnee	4526', -2152
Fort Scott	4572', -2198
Cherokee	4598', -2224
Mississippian	4645', -2271
Osage	4654', -2280
LTD	4659', -2285

## Sample Zone Descriptions

- Altamont "A"** (4437', -2063): Covered in DST #1  
 Ls- Tan, fine to medium crystalline, poor crystalline porosity, good vuggy porosity, poor oolitic porosity, good show of free oil, slight odor dies quickly, yellow florescence, scattered saturation and stain, 55 units hotwire
- Cherokee** (4598', -2224): not tested  
 Ls- Tan, fine crystalline, poor to fair intercrystalline porosity, partial saturation and stain, slight show of free oil, weak odor, no florescence
- Warsaw** (4645', -2271): Covered in DST #2

RECEIVED

APR 13 2012

KCC WICHITA

CONFIDENTIAL

APR 13 2012

3

KCC

Dolo- Cream to tan, fine to sub crystalline, poor intercrystalline porosity, fair vuggy porosity, good show of free oil, good odor, bright yellow florescence, light to good saturation and stain

**Osage** (4654', -2280): Covered in DST #2

Δ-Dolo- White to tan, fine crystalline, good intercrystalline porosity, white heavily weathered tripolitic chert some fresh, white to yellow, good show of free oil, good odor, bright yellow florescence, light to good saturation and stain, 14 units hotwire

**Drill Stem Tests**  
Trilobite Testing Inc.  
"Jeff Brown"

**DST #1** Altamont "A"

Interval (4428' – 4460') Anchor Length 32'

IHP	– 2210 #	
IFP	– 30" – BOB 1 min	163-385 #
ISI	– 45" – BOB 25 min	1067 #
FFP	– 45" – BOB and GTS 2 min	403-599 #
FSIP	– 60" – BOB and GTS 10 min	989 #
FHP	– 2148 #	
BHT	– 125 °F	

Recovery: 2855' GIP  
1605' GO (30% Gas, 70% Oil) Gravity: 20° API

**DST #2** Mississippian Warsaw and Osage

Interval (4620' – 4660') Anchor Length 40'

IHP	– 2290 #	
IFP	– 45" – BOB 40 min	29-92 #
ISI	– 45" – weak surface blow back died in 7 min	1376 #
FFP	– 45" – BOB 20 min	109-140 #
FSIP	– 45" – 3/4" blow back	1368 #
FHP	– 2272 #	
BHT	– 120 °F	

Recovery: 392' GIP  
10' SOCM (5% Oil, 95% Mud)  
60' OCGM (5% Gas, 10% Oil, 85% Mud)  
182' HOCGM (30% Gas, 40% Oil, 30% Mud)

**CONFIDENTIAL**

APR 13 2014

KCC

RECEIVED

APR 13 2012

KCC WICHITA

## Structural Comparison

Formation	American Warrior, Inc. Burke-Jacobs #1-4 Sec. 4 T24s R21w 1000' FSL & 1625' FWL		American Warrior, Inc. Gleason Unit #2-4 Sec. 4 T24s R21w 1572' FSL & 2524' FWL		American Warrior, Inc. Gleason Unit #1-4 Sec. 4 T24s R21w 647' FSL & 2477' FEL	
	Depth	Delta	Depth	Delta	Depth	Delta
Anhydrite	1452', +922		1450', +919	(+3)	1446', +923	(-1)
Base	1482', +892		1480', +889	(+3)	1475', +894	(-2)
Heebner	3960', -1586		3955', -1586	flat	3954', -1585	(-1)
Douglas	3986', -1612		3983', -1614	(+2)	3980', -1611	(-1)
Lansing	4062', -1688		4055', -1686	(-2)	4052', -1683	(-5)
Stark	4290', -1916		4294', -1925	(+9)	4283', -1914	(-2)
BKc	4400', -2026		4402', -2033	(+7)	4394', -2025	(-1)
Marmaton	4421', -2047		4421', -2052	(+5)	4417', -2048	(+1)
Altamont "A"	4437', -2063		4437', -2068	(+5)	4429', -2060	(-3)
Pawnee	4526', -2152		4533', -2164	(+12)	4522', -2153	(+1)
Fort Scott	4572', -2198		4574', -2205	(+7)	4564', -2195	(-3)
Cherokee	4598', -2224		4599', -2230	(+6)	4592', -2223	(-1)
Mississippian	4645', -2271		4645', -2276	(+5)	4645', -2276	(+5)
Osage	4654', -2280		4659', -2290	(+10)	4652', -2283	(+3)
LTD	4659', -2285					

### Summary

The location for the Burke-Jacobs #1-4 well was found via 3-D seismic survey. The new well ran structurally slightly higher than expected via the survey. The two drill stem tests which were conducted, both of which recovered commercial amounts of oil. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Burke-Jacobs #1-4.

RECEIVED  
APR 13 2012  
KCC WICHITA

CONFIDENTIAL

APR 13 2014

KCC

## Recommended Perforations

<b>Primary:</b>		
<b>Altamont "A"</b>	<b>(4440' – 4450')</b>	<b>DST #1</b>
<b>Secondary:</b>		
<b>Mississippian Osage     Open Hole:</b>	<b>(4554' – 4459')</b>	<b>DST #2</b>
<b>Before Abandonment:</b>		
<b>Mississippian Warsaw</b>	<b>(4645' – 4650')</b>	<b>DST #2</b>

Respectfully Submitted,

Harley K. Sayles  
American Warrior Inc.

RECEIVED  
APR 13 2012  
KCC WICHITA

CONFIDENTIAL  
APR 13 2014  
KCC



# ALLIED CEMENTING CO., LLC. 042444

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

SERVICE POINT:  
Great Bend

DATE <u>3-3-12</u>	SEC. <u>4</u>	TWP. <u>24S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30 pm</u>	JOB FINISH <u>5:30 pm</u>
LEASE: <u>Burke-Jacobs</u>		WELL # <u>1-4</u>		LOCATION <u>5 W of Offerly, 7 N, 1/2 E</u>		COUNTY <u>Hodgeman</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				<u>North into</u>			

CONTRACTOR Duke #5  
 TYPE OF JOB Surface  
 HOLE SIZE 12 3/8 T.D. 220  
 CASING SIZE 8 5/8 DEPTH 214  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15 ft  
 PERFS.  
 DISPLACEMENT Freshwater / Rig and

OWNER American Warrior  
 CEMENT  
 AMOUNT ORDERED 150 com. 3% gcl  
2% gel

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane K  
 # 398 HELPER Jon P  
 BULK TRUCK  
 # 344 DRIVER Marlyn  
 BULK TRUCK  
 # DRIVER

COMMON	<u>150</u>	@ <u>16.25</u>	<u>2,437.50</u>
POZMIX		@	
GEL	<u>33</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@ <u>58.20</u>	<u>349.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>159</u>	@ <u>2.25</u>	<u>357.25</u>
MILEAGE	<u>159 x .47 x .11</u>		<u>822.93</u>
TOTAL			<u>4030.23</u>

**REMARKS:**

Arrived on location, held safety meeting, rigged up, ran BBIS of slurry and displaced with BBIS of freshwater. Shut in cement did circulate. Rig down

**SERVICE**

DEPTH OF JOB	<u>214</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>lum 94</u>	@ <u>7.00</u>	<u>658.00</u>
MANIFOLD		@	
	<u>lum 94</u>	@ <u>4.00</u>	<u>376.00</u>
		@	
TOTAL			<u>2159.00</u>

CHARGE TO: American Warrior  
 STREET:  
 CITY: STATE: ZIP:

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

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 KENNETH MCGUIRE  
 SIGNATURE X Kenneth McGuire  
 Thank You

SALES TAX (If Any)  
 TOTAL CHARGES 6,189.23  
 DISCOUNT 70% 20% 2,165.84  
 IF PAID IN 30 DAYS

**CONFIDENTIAL**

RECEIVED  
APR 13 2012

KCC WICHITA

APR 13 2012

KCC



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

RECEIVED  
 APR 13 2012  
 KCC WICHITA

TICKET No 22021

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City KS</u>	WELL/PROJECT NO. <u>1-4</u>	LEASE <u>Burke-Jacobs</u>	COUNTY/PARISH <u>Hodgeman</u>	STATE <u>KS</u>	CITY <u>Houston</u>	DATE <u>11 MAR 12</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke</u>	RIG NAME/NO. <u>5</u>	SHIPPED <u>VCT</u>	DELIVERED TO <u>location</u>	ORDER NO.		
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>cement long string</u>	WELL PERMIT NO.	WELL LOCATION <u>4-24-21W</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	50	mi			6.00	300.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	9	ea	70.00	630.00
403		1			Cement basket	5 1/2	in	2	ea	250.00	500.00
404		1			Port Collar	5 1/2	in	1	ea	2400.00	2400.00
405		1			Formation packer shoe	5 1/2	in	1	ea	1400.00	1400.00
406		1			Latch down plug & baffle	5 1/2	in	1	ea	250.00	250.00
CONFIDENTIAL APR 12 2014 KCC											

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

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

X  
 DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  A.M.  P.M.

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	1 6980.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2 5429.38	
WE UNDERSTOOD AND MET YOUR NEEDS?				5	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	12,409.38
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45%	733.92
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	13,193.30
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					





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

TICKET CONTINUATION

TICKET No. 22021

CUSTOMER American Warrior WELL Burke-Jacobs 1-4 DATE 11 MAR 12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325		1				STANDARD amt (for SA-2)	175	sk			13.50	2362	50
284		1				cal seal	800	lb	8	sk	35.00	28000	
283		1				Salt	900	lb			0.20	18000	
292		1				HALAD-322	125	lb			7.75	968	75
276		1				Flocake	50	lb			2.00	100	00
290		1				D-AIR	3	gal			35.00	105	00
281		1				mud flush	500	gal			1.25	625	00
221		1				KCL liquid	2	gal			25.00	50	00

RECEIVED  
APR 13 2012  
KCC WICHITA  
  
CONFIDENTIAL  
APR 13 2014  
KCC

581	1	SERVICE CHARGE	1.75	CUBIC FEET	2.00	50	300.00
583	1	MILEAGE CHARGE	TOTAL WEIGHT 18325	LOADED MILES 50	TON MILES 788.13	1.00	458.13

CONTINUATION TOTAL 5429.38



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

RECEIVED  
 APR 13 2012  
 KCC WICHITA

TICKET No 22129

PAGE 1  
 CONFIDENTIAL  
 APR 13 2012  
 KCC

SERVICE LOCATIONS 1. <b>NESS CITY, KS</b>	WELL/PROJECT NO.	LEASE <b>BURK JACOBS 1-4</b>	COUNTY/PARISH <b>HODGEMAN</b>	STATE <b>KS</b>	CITY <b>HAUSTON, KS</b>	DATE <b>26 MAR 12</b>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>AMERICAN WARRIOR</b>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>CEMENT PORT COLLAR</b>	WELL PERMIT NO.	WELL LOCATION <b>8S, 4E, 2S, 1/2E, N1/210</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575					MILEAGE # 110	45	mi	6.00		270.00
576D					Pump CHARGE	1	1000	1250.00		1250.00
105					PORT COLLAR OPENING TOOL	1	1000	350.00		350.00
276					FLOCELE	44	lbs	2.00		88.00
290					D-AIR	2	35	35.00		70.00
330					SWIFT MULTI DENSITY	175	5x	16.50		2887.50
581					SERVICE CHARGE CEMENT	175	5x	2.00		350.00
583					DRAVAGE	17384	100	391.14	TM	391.14

**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 **26 MAR 12** TIME SIGNED **1115**  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	5656 <sup>64</sup>
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?				Hodgeman TAX 7.45%	252.96
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	5909.60
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

JOB LOG

SWIFT Services, Inc.

DATE 26 MAR 12 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE

BURK-JACOBS 1-4

JOB TYPE

CEMENT PORT COLLAR

TICKET NO.

22129

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								PORT COLLAR @ 1435'
	0920				✓		1000	TEST - HELD
	0924	3			✓		400	OPEN PORT COLLAR TAKE INJ. RATE.
	0927	4			✓		600	MIX 75SX SMD. NO CIRCULATION.
	0944	Ø	42		✓		Ø	SAUT DOWN.
	1009	2½	55		✓		450	MIX 100SX SMD
		2½	4½		✓		400	DISPLACE CEMENT
								WELL DID NOT CIRCULATE
	1039				✓		1000	CLOSE PORT COLLAR TEST HELD
	1041							RUN 4JTS
	1044	3½			✓		300	REVERSE CEMENT OUT OF TUBING
	1054							WASH TRUCK
	1115							JOB COMPLETE.
								THANKS #110
								JASON JEFF BRANDON

RECEIVED

APR 13 2012

KCC WICHITA

CONFIDENTIAL

APR 13 2014

KCC



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

RECEIVED  
 APR 13 2012  
 KCC WICHITA

TICKET No 22135

PAGE 1 OF 1  
 CONFIDENTIAL  
 APR 13 2014

SERVICE LOCATIONS 1. <b>NESS CITY, KS</b>	WELL/PROJECT NO. <b>BURK-JACOBS 1-4</b>	LEASE <b>HODGEMAN</b>	COUNTY/PARISH <b>KS</b>	STATE <b>HANSTON, KS</b>	CITY	DATE <b>30 MAR 12</b>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <b>AMERICAN WARRIOR</b>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>SQUEEZE</b>	WELL PERMIT NO.	WELL LOCATION <b>8S, 4E, 2S, 2E, N1/2</b>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575					MILEAGE # 110	50	mi	6.00		300.00
577					Pump CHARGE		NFB	1000.00		1000.00
290					D-AIR	1 1/2	pr	35.00		52.50
278					CALCIUM CHLORIDE	4	bx	40.00		160.00
325					STANDARD CEMENT	150	bx	13.50		2025.00
581					SERVICE CHARGE CEMENT	150	bx	2.00		300.00
583					DRAUSAGE	14420	lbs	1.00	360.5	360.50

**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 **30 MAR 12** TIME SIGNED **1445**  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	4198.00
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?				Hodgeman TAX 7.45%	106.69
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	4364.69
<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 *[Signature]* APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 30 MAR 12 PAGE NO.

CUSTOMER  
**AMERICAN WARRIOR**

WELL NO.

LEASE  
**BURK-JACOBS 1-4**

JOB TYPE  
**SQUEEZE**

TICKET NO.  
**22185**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0755							ON LOCATION PKR @ 3350
	0850		8	✓				SPOT 1 SX SAND PULL PACKER TO 495
	1030	3		✓		300		INJECTION RATE - NO BLOW ON SURFACE ANN.
	1038						500	PSI ANNULUS. SHUT IN.
	1041	3 1/2	3 1/2	✓		500		MIX 150 SX STANDARD W/3% CC
	1101							WASH OUT PUMPING LINES.
	1103	1	3	✓		300		DISPLACE CEMENT
	1112	Ø		✓		300		SHUT WELL IN.
	1114							WASH TRUCK
	1212			✓		100		STAGING
						500		
						1000		
	1405					1500		
	1414							RELEASE PRESSURE - DRY.
	1424	3	10	✓		400		REVERSE TUBING CLEAN
	1432							RACK TRUCK UP.
	1445							JOB COMPLETE.

RECEIVED

APR 13 2012

THANKS #11D

KCC WICHITA

JASON JEFF TJ

CONFIDENTIAL

APR 13 2012

KCC





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

RECEIVED  
 APR 13 2012  
 KCC WICHITA

TICKET No 22137  
 PAGE 1  
 CONFIDENTIAL  
 APR 13 2012  
 KCC

SERVICE LOCATIONS: 1. **NESS CITY, KS.**  
 WELL/PROJECT NO. **1-4** LEASE **BURK-JACOBS** COUNTY/PARISH **HODGEMAN** STATE **KS.** CITY **HANSTON, KS.** DATE **APR 2 2012** OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR **AMERICAN WARRIOR** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.  
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **SQUEEZE** WELL PERMIT NO. WELL LOCATION **8S, 4E, 2S, 2E, N1/4**  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #110	45	mi	6	00	270
577					PUMP CHARGE	1	JOB	1000	00	1000
290					D-AIR	1 1/2	sq	35	00	52
278					CALCIUM CHLORIDE	4	sq	40	00	160
325					STANDARD CEMENT	150	sq	13	50	2025
581					SERVICE CHARGE CEMENT	150	sq	2	00	300
583					DRAYAGE	14420	lbs	324.45	00	324

**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 **JOSE REYES**  
 DATE SIGNED **APR 12** TIME SIGNED **1715**  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?				4131 <sup>95</sup>
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45%
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				166 69
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 4298 64

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

SWIFT OPERATOR **[Signature]** APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2 APR 12 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE BURK-JACOBS 1-4

JOB TYPE SQUEEZE

TICKET NO. 22137

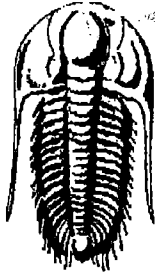
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								LEAK @ 600' PACKER @ 501
	1255	3		✓		550		TAKE INJ. RATE DOWN TUBING
	1302				✓		500	LOAD <sup>CSG</sup> ANNULUS - PSI up - SHUT IN
	1307	3/4			✓		300	TAKE INJ. RATE ON SURFACE ANNULUS
	1317	1/2	2		✓		550	MIX 10SX STANDARD - PSI up - SHUT IN
	1328	3	29 1/2	✓		600		MIX 140SX STANDARD - DOWN TUBING
	1344							WASH OUT PUMPING LINES
	1347	3/4		✓				DISPLACE CEMENT
	1356	Ø	3	✓		350		SHUT WELL IN. - 1 BBL BELOW PACKER
	1358							WASH TRUCK
	1440			✓		250		OPEN UP STAGING
	1633			✓		1000		
	1646			✓				RELEASE PSI - DRY
	1650	2	10		✓		300	REVERSE TUBING
	1701			✓				PSI up - SHUT IN
	1715							JOB COMPLETE

RECEIVED  
APR 13 2012  
KCC WICHITA

THANKS #110

JASON JEFF WAYNE

CONFIDENTIAL  
APR 13 2012  
KCC



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Cecil O Brate

**Burke-Jacobs #1-4**

**4-24s-21wHodgeman,KS**

Start Date: 2012.03.08 @ 22:55:07

End Date: 2012.03.09 @ 09:23:37

Job Ticket #: 44805      DST #: 1

**CONFIDENTIAL**

**APR 13 2014**

**KCC**

**RECEIVED**

**APR 13 2012**

**KCC WICHITA**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.13 @ 15:19:39

American Warrior Inc

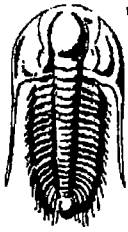
4-24s-21wHodgeman,KS

Burke-Jacobs #1-4

DST # 1

Altamon "A"

2012.03.08



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

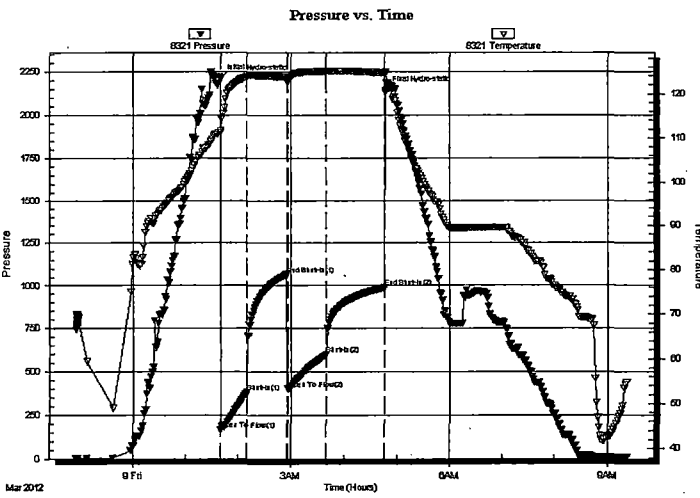
**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
 Job Ticket: 44805      DST#: 1  
 Test Start: 2012.03.08 @ 22:55:07

## GENERAL INFORMATION:

Formation: **Altamon "A"**  
 Deviated: **No Whipstock:**      ft (KB)  
 Time Tool Opened: 01:40:07  
 Time Test Ended: 09:23:37  
 Interval: **4428.00 ft (KB) To 4460.00 ft (KB) (TVD)**  
 Total Depth: **4460.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Jeff Brown**  
 Unit No: **44**  
 Reference Elevations: **2374.00 ft (KB)**  
**2363.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

**Serial #: 8321      Inside**  
 Press@RunDepth: **599.36 psig @ 4432.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2012.03.08**      End Date: **2012.03.09**      Last Calib.: **2012.03.09**  
 Start Time: **22:55:08**      End Time: **09:22:37**      Time On Btm: **2012.03.09 @ 01:39:37**  
 Time Off Btm: **2012.03.09 @ 04:46:37**

**TEST COMMENT:** IFP-Strong blow BOB in 1 min  
 ISI-Good blow back BOB in 25 min  
 FFP-Strong blow BOB & Gas to surface in 2 min  
 FSI-Good blow BOB in 10 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2210.34	111.28	Initial Hydro-static
1	163.41	111.66	Open To Flow (1)
30	384.50	123.74	Shut-In(1)
75	1066.55	123.78	End Shut-In(1)
76	402.85	122.94	Open To Flow (2)
120	599.36	124.97	Shut-In(2)
187	989.28	124.58	End Shut-In(2)
187	2147.65	124.94	Final Hydro-static

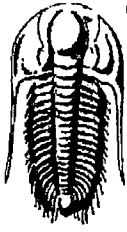
## Recovery

Length (ft)	Description	Volume (bbl)
1605.00	Gassy Oil 30%G70%O	20.04
0.00	2855-GIP	0.00

## Gas Rates

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

**RECEIVED**  
**APR 13 2012**  
**KCC WICHITA**



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

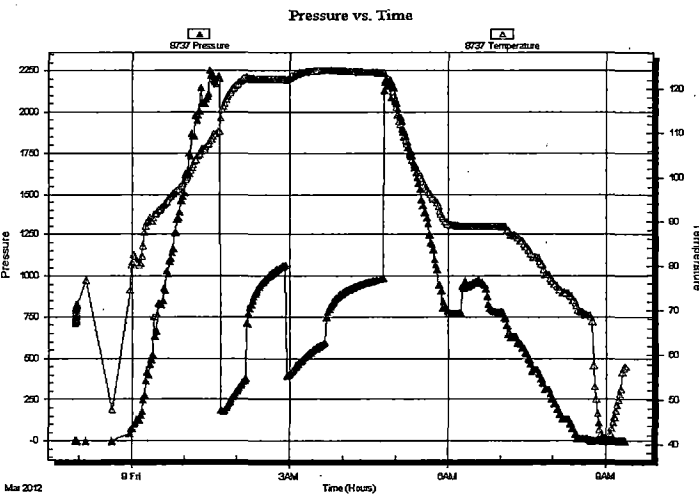
**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
 Job Ticket: 44805      DST#:1  
 Test Start: 2012.03.08 @ 22:55:07

## GENERAL INFORMATION:

Formation: **Altamon "A"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:40:07  
 Time Test Ended: 09:23:37  
 Interval: **4428.00 ft (KB) To 4460.00 ft (KB) (TVD)**  
 Total Depth: 4460.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jeff Brown  
 Unit No: 44  
 Reference Elevations: 2374.00 ft (KB)  
 2363.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8737**      **Outside**  
 Press@RunDepth: psig @ 4432.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.03.08      End Date: 2012.03.09      Last Calib.: 2012.03.09  
 Start Time: 22:55:08      End Time: 09:22:37      Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IFP-Strong blow BOB in 1 min  
 ISI-Good blow back BOB in 25 min  
 FFP-Strong blow BOB & Gas to surface in 2 min  
 FSI-Good blow BOB in 10 min



## PRESSURE SUMMARY

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

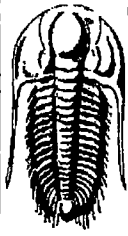
## Recovery

Length (ft)	Description	Volume (bbl)
1605.00	Gassy Oil 30%G70%O	20.04
0.00	2855-GIP	0.00

## Gas Rates

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

RECEIVED  
 APR 13 2012  
 KCC WICHITA



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
Job Ticket: 44805      DST#: 1  
Test Start: 2012.03.08 @ 22:55:07

**Tool Information**

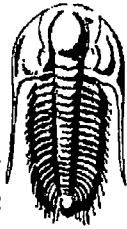
Drill Pipe:	Length: 4144.00 ft	Diameter: 3.80 inches	Volume: 58.13 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 95000.00 lb
		<u>Total Volume: 59.47 bbl</u>		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4428.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			4401.00	
Shut In Tool	5.00			4406.00	
Hydraulic tool	5.00			4411.00	
Jars	5.00			4416.00	
Safety Joint	3.00			4419.00	
Packer	4.00			4423.00	28.00      Bottom Of Top Packer
Packer	5.00			4428.00	
Stubb	1.00			4429.00	
Perforations	3.00			4432.00	
Recorder	0.00	8321	Inside	4432.00	
Recorder	0.00	8737	Outside	4432.00	
Perforations	25.00			4457.00	
Bullnose	3.00			4460.00	32.00      Bottom Packers & Anchor

**Total Tool Length: 60.00**

RECEIVED  
APR 13 2012  
KCC WICHITA



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**4-24s-21wHodgeman,KS**

PO Box 399  
Garden City KS 67846

**Burke-Jacobs #1-4**

Job Ticket: 44805

**DST#: 1**

ATTN: Cecil O Brate

Test Start: 2012.03.08 @ 22:55:07

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

20 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
1605.00	Gassy Oil 30%G70%O	20.036
0.00	2855-GIP	0.000

Total Length: 1605.00 ft

Total Volume: 20.036 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

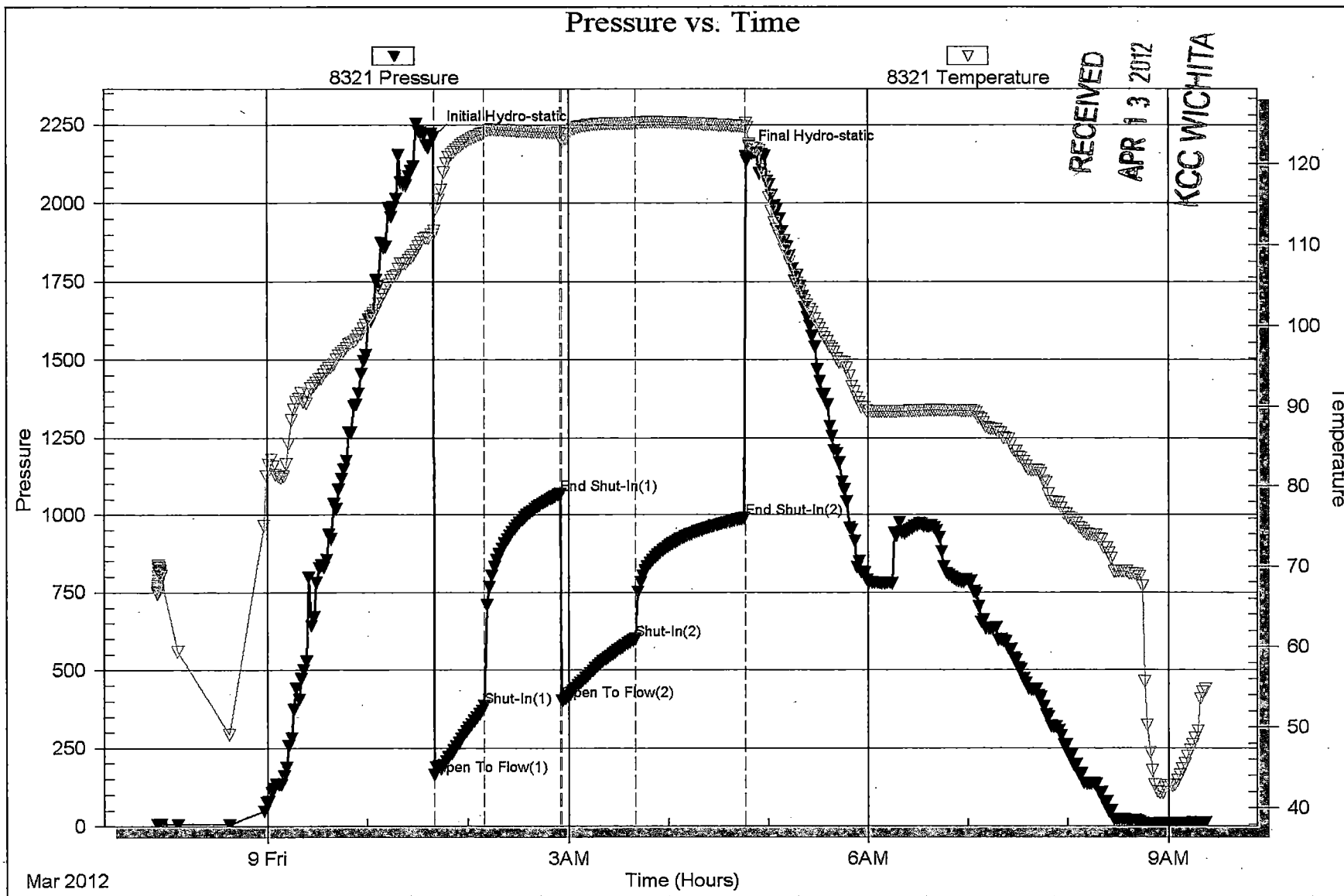
Serial #:

Laboratory Name:

Laboratory Location:

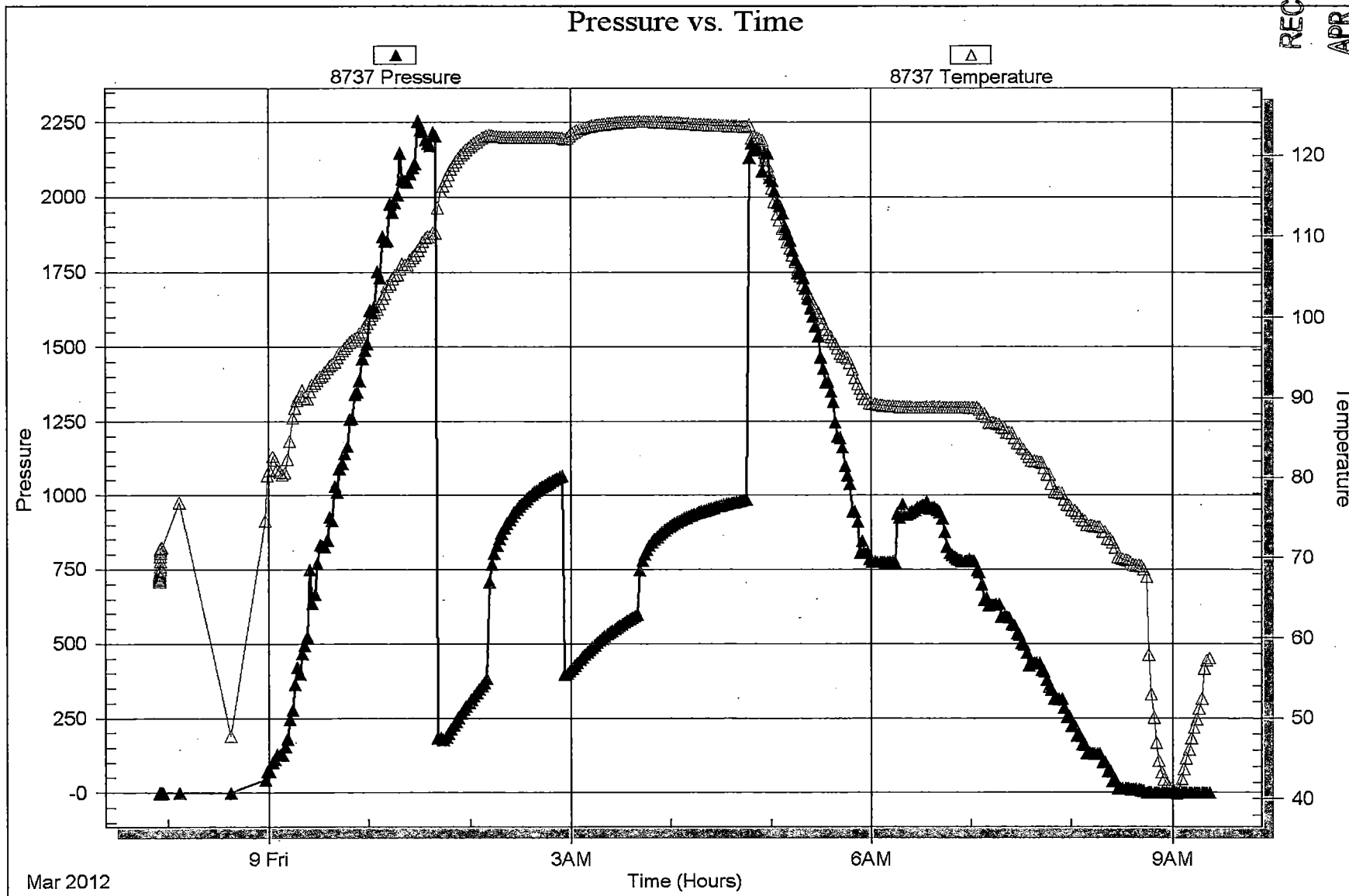
Recovery Comments:

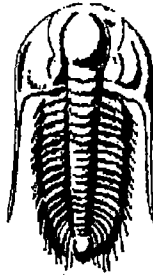
RECEIVED  
APR 13 2012  
KCC WICHITA





RECEIVED  
APR 13 2012  
KCC WICHITA





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Cecil O Brate

**Burke-Jacobs #1-4**

**4-24s-21wHodgeman,KS**

Start Date: 2012.03.10 @ 06:18:32

End Date: 2012.03.10 @ 14:20:02

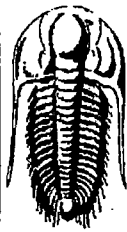
Job Ticket #: 44806                      DST #: 2

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

RECEIVED  
APR 13 2012  
KCC WICHITA

Printed: 2012.03.13 @ 15:18:51

American Warrior Inc 4-24s-21wHodgeman,KS Burke-Jacobs #1-4 DST # 2 Miss 2012.03.10



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

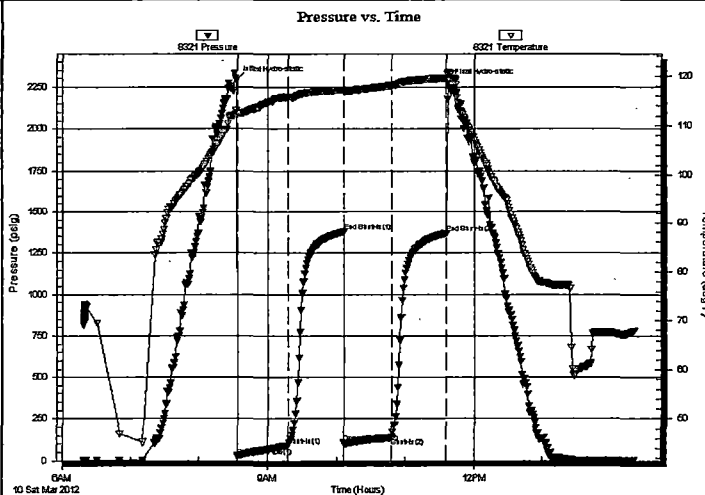
**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
Job Ticket: 44806      DST#: 2  
Test Start: 2012.03.10 @ 06:18:32

## GENERAL INFORMATION:

Formation: Miss  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 08:33:32  
Time Test Ended: 14:20:02  
Interval: **4620.00 ft (KB) To 4660.00 ft (KB) (TVD)**  
Total Depth: 4660.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Jeff Brown  
Unit No: 44  
Reference Elevations: 2374.00 ft (KB)  
2363.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8321      Inside**  
Press@RunDepth: 140.09 psig @ 4624.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.03.10      End Date: 2012.03.10      Last Calib.: 2012.03.10  
Start Time: 06:18:33      End Time: 14:20:02      Time On Btm: 2012.03.10 @ 08:33:02  
Time Off Btm: 2012.03.10 @ 11:37:32

**TEST COMMENT:** IFP-Good blow BOB in 39 1/2 min  
ISI-Weak surface blow back died out in 7 min  
FFP-Good blow BOB in 20 min  
FSI-Weak surface blow back built to 3/4 in



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.51	113.09	Initial Hydro-static
1	28.90	112.62	Open To Flow (1)
45	92.31	115.82	Shut-In(1)
93	1375.82	117.24	End Shut-In(1)
94	109.35	116.90	Open To Flow (2)
135	140.09	118.16	Shut-In(2)
183	1368.14	119.61	End Shut-In(2)
185	2272.06	120.78	Final Hydro-static

## Recovery

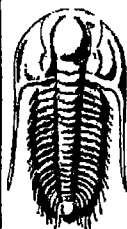
Length (ft)	Description	Volume (bbl)
10.00	SOCM 5%O95%M	0.05
60.00	OCGM 5%G10%O85%M	0.30
182.00	HOCGM 30%G40%O30%M	0.90
0.00	392-GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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

RECEIVED  
APR 13 2012  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

4-24s-21wHodgeman,KS

Burke-Jacobs #1-4

Job Ticket: 44806

DST#: 2

Test Start: 2012.03.10 @ 06:18:32

## GENERAL INFORMATION:

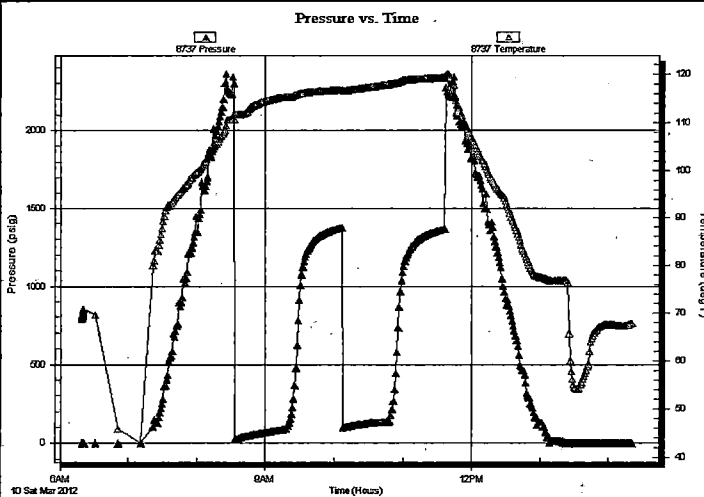
Formation: **Miss**  
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**  
Time Tool Opened: **08:33:32** Tester: **Jeff Brown**  
Time Test Ended: **14:20:02** Unit No: **44**

Interval: **4620.00 ft (KB) To 4660.00 ft (KB) (TVD)** Reference Elevations: **2374.00 ft (KB)**  
Total Depth: **4660.00 ft (KB) (TVD)** **2363.00 ft (CF)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **11.00 ft**

## Serial #: 8737 Outside

Press@RunDepth: **psig @ 4624.00 ft (KB)** Capacity: **8000.00 psig**  
Start Date: **2012.03.10** End Date: **2012.03.10** Last Calib.: **2012.03.10**  
Start Time: **06:19:03** End Time: **14:20:32** Time On Btmr:  
Time Off Btmr:

TEST COMMENT: IFP-Good blow BOB in 39 1/2 min  
ISI-Weak surface blow back died out in 7 min  
FFP-Good blow BOB in 20 min  
FSI-Weak surface blow back built to 3/4 in



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 5%O95%M	0.05
60.00	OCGM 5%G10%O85%M	0.30
182.00	HOCGM 30%G40%O30%M	0.90
0.00	392-GIP	0.00

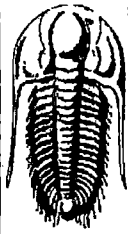
\* Recovery from multiple tests

## Gas Rates

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

RECEIVED  
APR 13 2012

KCC WICHITA



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
Job Ticket: 44806      DST#: 2  
Test Start: 2012.03.10 @ 06:18:32

**Tool Information**

Drill Pipe:	Length: 4331.00 ft	Diameter: 3.80 inches	Volume: 60.75 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 88000.00 lb
		Total Volume: 62.09 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4620.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

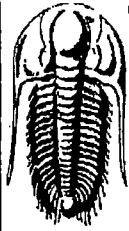
Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4593.00	
Shut In Tool	5.00			4598.00	
Hydraulic tool	5.00			4603.00	
Jars	5.00			4608.00	
Safety Joint	3.00			4611.00	
Packer	4.00			4615.00	28.00      Bottom Of Top Packer
Packer	5.00			4620.00	
Stubb	1.00			4621.00	
Perforations	3.00			4624.00	
Recorder	0.00	8321	Inside	4624.00	
Recorder	0.00	8737	Outside	4624.00	
Perforations	33.00			4657.00	
Bullnose	3.00			4660.00	40.00      Bottom Packers & Anchor

**Total Tool Length: 68.00**

RECEIVED  
APR 13 2012  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

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

**4-24s-21wHodgeman,KS**  
**Burke-Jacobs #1-4**  
Job Ticket: 44806      DST#: 2  
Test Start: 2012.03.10 @ 06:18:32

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 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

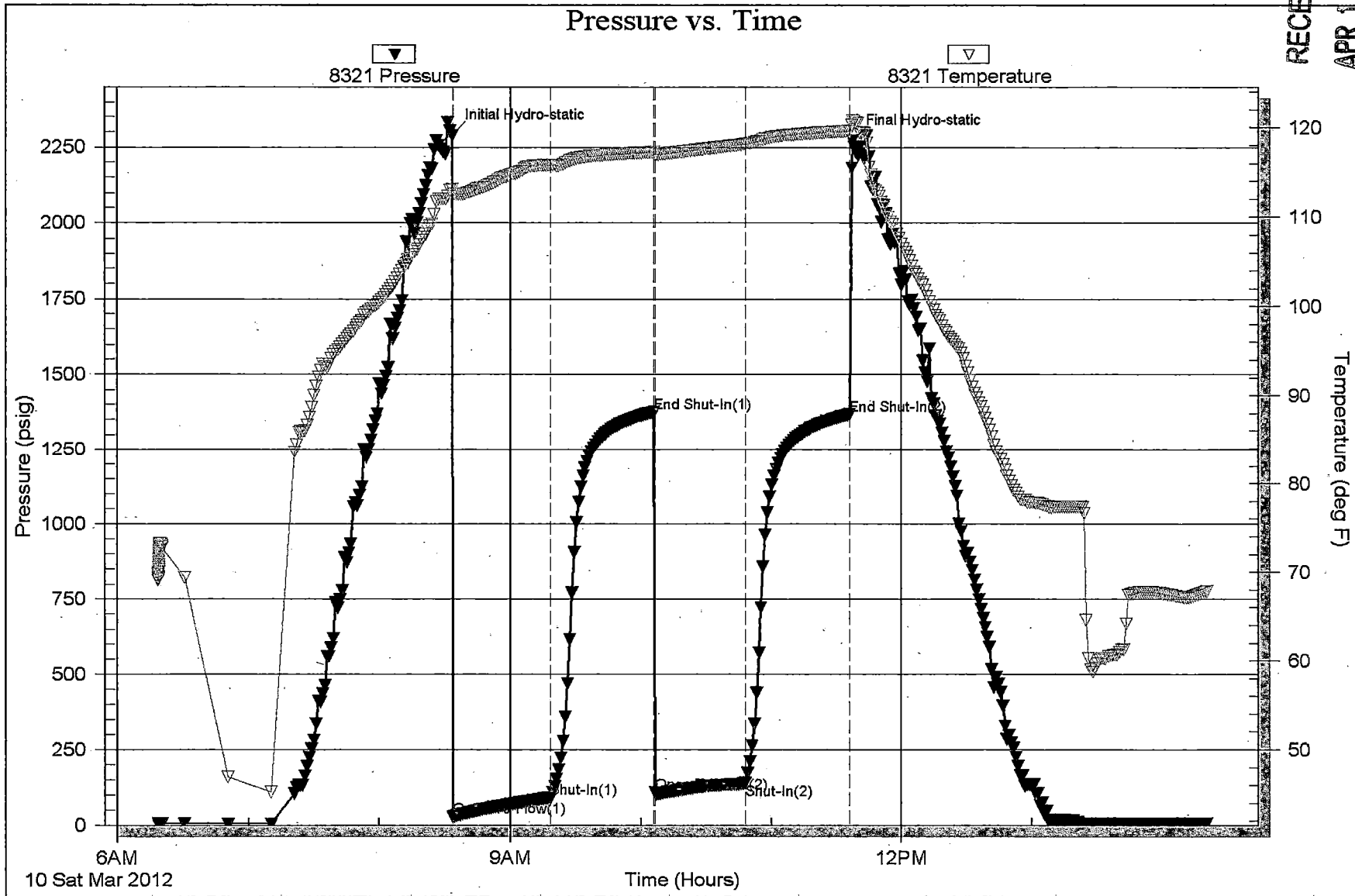
Length ft	Description	Volume bbl
10.00	SOCM 5%O95%M	0.049
60.00	OCGM 5%G10%O85%M	0.295
182.00	HOCGM 30%G40%O30%M	0.895
0.00	392-GIP	0.000

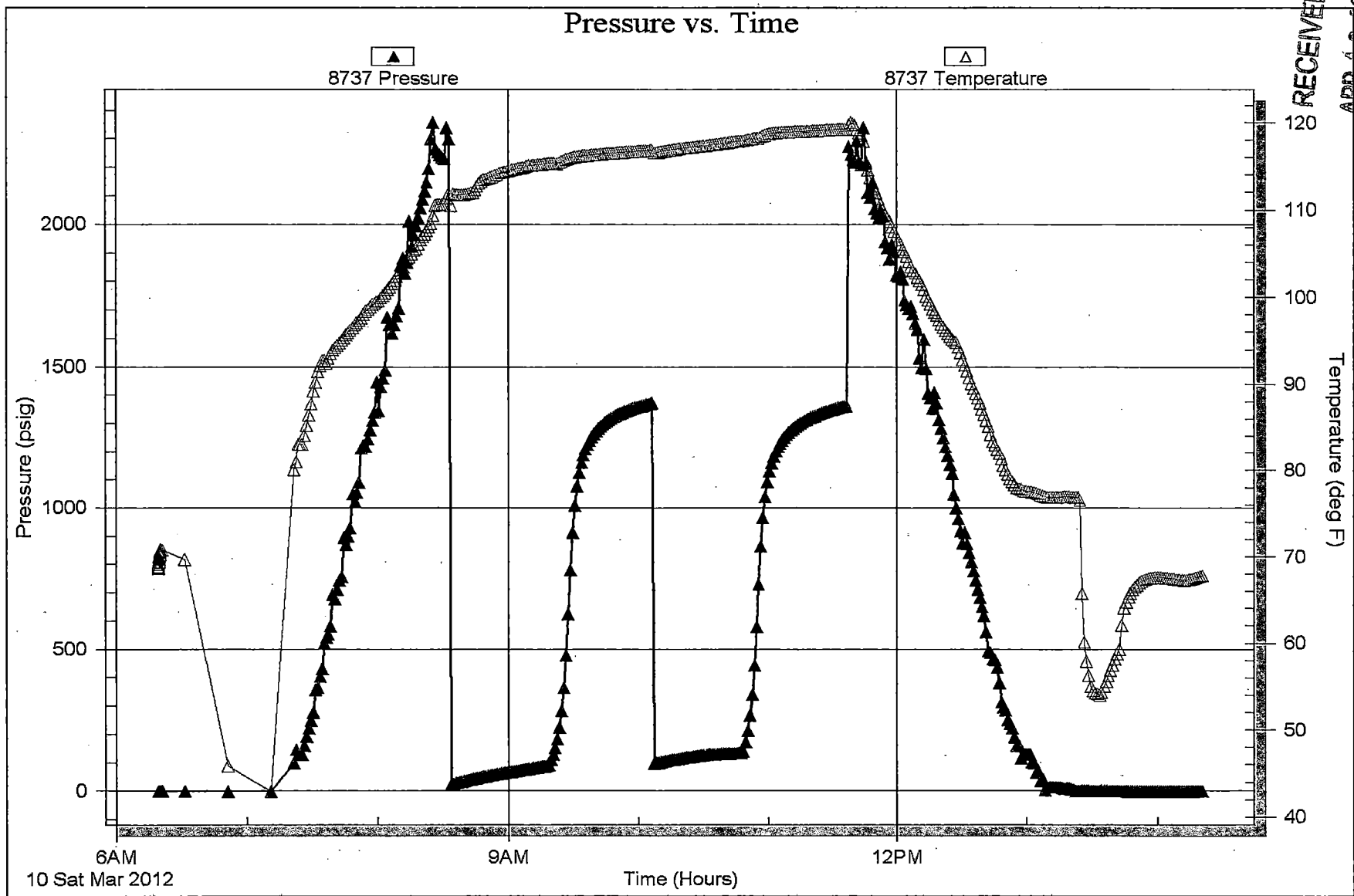
Total Length: 252.00 ft      Total Volume: 1.239 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

RECEIVED  
APR 13 2012  
KCC WICHITA

RECEIVED  
APR 13 2012

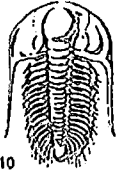
KCC WICHITA





RECEIVED  
APR 13 2012  
KCC WICHITA





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 12 2012

Test Ticket

NO. 44805

Well Name & No. Bucke - Jacobs 1-4 Test No. 1 Date 3-8-12  
 Company American Warrior INC Elevation 2374 KB 23603 GL  
 Address PO BOX 399 GARDEN CITY KS 67840  
 Co. Rep / Geo. Harley Sayles Rig Duke #5  
 Location: Sec. 4 Twp. 24 S Rge. 21 W Co. Hodgeman State KS

Interval Tested 4428 - 4460 Zone Tested Altaman "A"  
 Anchor Length 32 Drill Pipe Run 4144 Mud Wt. 9.4  
 Top Packer Depth 4423 Drill Collars Run 272 Vis 50  
 Bottom Packer Depth 4428 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4460 Chlorides 5200 ppm System LCM 2

Blow Description FP-Strong Blow Bob IN 1 min  
EST-GOOD Blow Back Bob IN 25 min  
FP-Strong Blow Bob + GAS TO SURFACE IN 2 min  
EST-GOOD Blow Back Bob IN 10 min + GAS TO SURFACE

Rec	Feet of	%gas	%oil	%water	%mud
<u>1605</u>	<u>Cassy oil</u>	<u>30</u>	<u>70</u>		
Rec	Feet of <u>2855 - CoIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1605 BHT 125 Gravity 20 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2210  Test 1225 T-On Location 21:32  
 (B) First Initial Flow 1603  Jars 250 T-Started 22:55  
 (C) First Final Flow 385  Safety Joint 75 T-Open 1:41  
 (D) Initial Shut-In 1067  Circ Sub 50 T-Pulled 4:41  
 (E) Second Initial Flow 403  Hourly Standby 1/2 hr 50 T-Out 9:23  
 (F) Second Final Flow 599  Mileage 180 RT 252 Comments \_\_\_\_\_  
 (G) Final Shut-In 989  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2148  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 600

Sub Total 1902

RECEIVED  
 APR 13 2012  
 KCC WICHITA

Approved By \_\_\_\_\_

Our Representative Jeff Brown

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.