

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED  
JAN 07 2011 ORIGINAL

Form ACO-1  
June 2009

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

**WELL COMPLETION FORM KCC WICHITA**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

117/13

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: Josh Austin  
Purchaser: N/A

**KCC**

JAN 07 2011

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Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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 #:

11/16/10	11/22/10	12/21/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25, 491-0000  
Spot Description: E/2-SE-SW-SE  
E/2 SE SW SE Sec. 10 Twp. 17 S. R. 11  East  West  
330 Feet from  North /  South Line of Section  
1,600 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barton  
Lease Name: Brown Well #: 3-10  
Field Name: Wildcat  
Producing Formation: Arbuckle  
Elevation: Ground: 1857' Kelly Bushing: 1865'  
Total Depth: 3310' Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at: 356 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.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 18,000 ppm Fluid volume: 85 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 #:

**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: Geologist Date: 1/6/11

**KCC Office Use ONLY**

- Letter of Confidentiality Received Date: 1/7/11 - 1/7/11
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: [Signature] Date: 1/24/11

Operator Name: American Warrior, Inc Lease Name: Brown Well #: 3-10  
 Sec. 10 Twp. 17 S. R. 11  East  West County: Barton

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Topeka</td> <td>2611'</td> <td>-746</td> </tr> <tr> <td>Heebner</td> <td>2906'</td> <td>-1041</td> </tr> <tr> <td>Toronto</td> <td>2921'</td> <td>-1056</td> </tr> <tr> <td>Douglas</td> <td>2934'</td> <td>-1069</td> </tr> <tr> <td>Brown Lime</td> <td>3006'</td> <td>-1141</td> </tr> <tr> <td>Lansing</td> <td>3021'</td> <td>-1156</td> </tr> <tr> <td>Arbuckle</td> <td>3293'</td> <td>-1428</td> </tr> </table>	Name	Top	Datum	Topeka	2611'	-746	Heebner	2906'	-1041	Toronto	2921'	-1056	Douglas	2934'	-1069	Brown Lime	3006'	-1141	Lansing	3021'	-1156	Arbuckle	3293'	-1428
Name	Top	Datum																							
Topeka	2611'	-746																							
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Brown Lime	3006'	-1141																							
Lansing	3021'	-1156																							
Arbuckle	3293'	-1428																							

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#	356'	Common	190	3%cc 2% gel
Production	8-7/8"	5-1/2"	15.5#	3304'	Common	175	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
		<div style="border: 2px solid black; padding: 5px; transform: rotate(-5deg);">                             RECEIVED                              JAN 07 2011                              KCC WICHITA                         </div>	

TUBING RECORD:	Size: <u>2-3/8"</u>	Set At: <u>3310'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
---	---

Estimated Production Per 24 Hours	Oil Bbbs. <u>N/A</u>	Gas Mcf <u>N/A</u>	Water Bbbs. <u>N/A</u>	Gas-Oil Ratio	Gravity
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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 checked="" type="checkbox"/> Open Hole <input 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>3304'-3310' OH</u>
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# ALLIED CEMENTING CO., LLC. 033990

KCC

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

JAN 07 2011

SERVICE POINT:  
Russell KS

**CONFIDENTIAL**

DATE <u>11-17-10</u>	SEC. <u>10</u>	TWP. <u>17</u>	RANGE <u>11</u>	CALLED OUT	JOB LOCATION	JOB START <u>3:45am</u>	JOB FINISH <u>4:15am</u>
LEASE <u>Brown</u>	WELL # <u>3-10</u>		LOCATION <u>Claflin KS 4 North 1/2 East</u>		COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>North into</u>				

CONTRACTOR <u>Duke Drilling Rig #8</u>	
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>356'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>356'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>21.7 BBL</u>	
EQUIPMENT	
PUMP TRUCK # <u>398</u>	CEMENTER <u>John Roberts</u>
	HELPER <u>Richard</u>
BULK TRUCK # <u>378</u>	DRIVER <u>Ron</u>
BULK TRUCK #	DRIVER

OWNER	
CEMENT	
AMOUNT ORDERED	<u>190 com 3% CC 2% Gel</u>
COMMON <u>190</u>	@ <u>17.50</u> <u>2565.00</u>
POZMIX	@
GEL <u>4</u>	@ <u>20.25</u> <u>81.00</u>
CHLORIDE <u>7</u>	@ <u>51.50</u> <u>361.00</u>
ASC	@
	@
	@
	@
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	@
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	@
	@
HANDLING <u>190</u>	@ <u>2.25</u> <u>427.50</u>
MILEAGE <u>110/16/mile</u>	<u>361.00</u>
TOTAL <u>3795.50</u>	

REMARKS:

Est. Circulation

Mix 190 sk cement

Displace w/ 21.7 BBL H<sub>2</sub>O

Cement Did Circulate!

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>991.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>19</u>	@ <u>71.00</u> <u>1359.00</u>
MANIFOLD	@
	@
	@
TOTAL <u>1124.00</u>	

CHARGE TO: American Warrior

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

	@	
	@	
<u>8 5/8 Wood Plug</u>	@	<u>N/C</u>
	@	
	@	
TOTAL <u>N/C</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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 4919.50

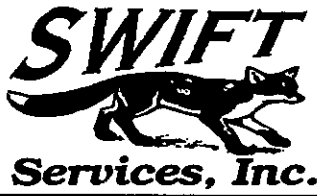
DISCOUNT 20% IF PAID IN 30 DAYS

PRINTED NAME STEVE H. STEPHENS

SIGNATURE [Signature]

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JAN 07 2011  
KCC WICHITA





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

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 JAN 07 2011  
 KCC WICHITA

TICKET  
 19336

PAGE 1 OF 2

KCC  
 JAN 07 2011  
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SERVICE LOCATIONS 1. <i>Hays, Ks</i>	WELL/PROJECT NO. <i>A*3</i>	LEASE <i>Break</i>	COUNTY/PARISH <i>Barton</i>	STATE <i>Ks</i>	CITY	DATE <i>11-22-10</i>	OWNER
2. <i>Ness City, Ks</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Duke</i>	RIG NAME/NO. <i>#8</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>N. Clinton, Ks</i>	ORDER NO.	
3.	WELL TYPE <i>Dil</i>	WELL CATEGORY <i>Infield</i>	JOB PURPOSE <i>Cement Logging</i>	WELL PERMIT NO.	WELL LOCATION		
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 #113	70		mi		5.00	350.00
578		1			Pump Change - cement Logging	1					1400.00
221		1			Liquid KCL	2		gal		25.00	50.00
281		1			Mud Flush	500		gal		1.00	500.00
290		1			D-AIR	2		gal		35.00	70.00
<del>402</del>		1			Control valves	6		ea	5 1/2 in	55.00	330.00
403		1			Cement Baskets	1		ea	5 1/2 in	200.00	200.00
406		1			Latch Down Plug & Baffle	1		ea	5 1/2 in	225.00	225.00
407		1			Insect Proof Shoe w/ Auto P.W.	1		ea	5 1/2 in	275.00	275.00

**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 *[Signature]*  
 DATE SIGNED *11-22-10* TIME SIGNED *1600*

A.M.  
 P.M.

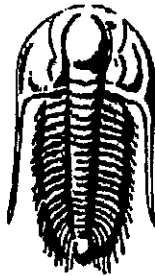
REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P.1 PAGE TOTAL	3400.00
WE UNDERSTOOD AND MET YOUR NEEDS?				P.2	3435.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					6835.25
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Barton TAX 7.3%	367.57
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	7202.82
<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 *[Signature]*

Thank You!



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **American Warrior Inc**

3118 Cummings Rd  
Garden City KS 67846

ATTN: Josh Austin

**10 17s 11w Barton,KS**

**Brown #3-10**

Start Date: 2010.11.21 @ 04:37:57

End Date: 2010.11.21 @ 10:11:42

Job Ticket #: 39495                      DST #: 1

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JAN 07 2011  
KCC WICHITA**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

American Warrior Inc

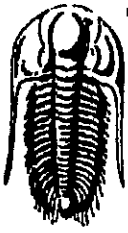
Brown #3-10

10 17s 11w Barton,KS

DST # 1

Arbuckle

2010.11.21



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

American Warrior Inc  
 3118 Cummings Rd  
 Garden City KS 67846  
 ATTN: Josh Austin

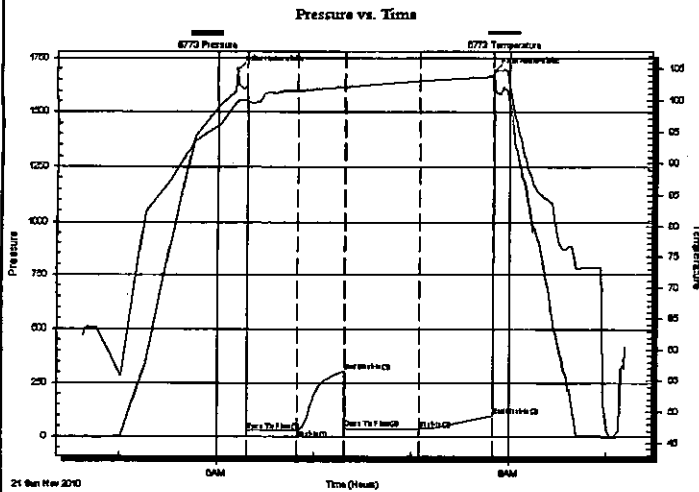
**Brown #3-10**  
**10 17s 11w Barton, KS**  
 Job Ticket: 39495 DST#: 1  
 Test Start: 2010.11.21 @ 04:37:57

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: **06:18:12**  
 Time Test Ended: **10:11:42**  
 Interval: **3255.00 ft (KB) To 3297.00 ft (KB) (TVD)**  
 Total Depth: **3297.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Esak Hadley**  
 Unit No: **34**  
 Reference Elevations: **1865.00 ft (KB)**  
**1857.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6773** Inside  
 Press@RunDepth: **39.36 psig @ 3256.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.11.21** End Date: **2010.11.21** Last Calib.: **2010.11.21**  
 Start Time: **04:38:02** End Time: **10:11:41** Time On Btm: **2010.11.21 @ 06:11:57**  
 Time Off Btm: **2010.11.21 @ 08:50:27**

**TEST COMMENT:** IF Weak blow . No more than 4".  
 ISI No blow .  
 FF Weak blow . No more than 1".  
 FSI No blow .



**PRESSURE SUMMARY**

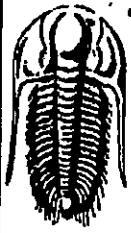
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.99	99.74	Initial Hydro-static
7	30.40	99.61	Open To Flow (1)
37	34.41	101.55	Shut-In(1)
67	306.63	102.14	End Shut-In(1)
68	39.42	102.08	Open To Flow (2)
113	39.36	103.12	Shut-In(2)
158	97.68	103.79	End Shut-In(2)
159	1688.02	104.27	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
45.00	O&GCM 5%o 10%g 85%m (5 ft free oil)	0.63
0.00	GIP 90 ft	0.00

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc  
3118 Cummings Rd  
Garden City KS 67846  
  
ATTN: Josh Austin

**Brown #3-10**  
**10 17s 11w Barton,KS**  
Job Ticket: 39495      **DST#: 1**  
Test Start: 2010.11.21 @ 04:37:57

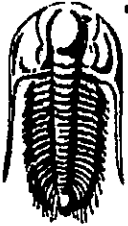
**Tool Information**

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<b>Total Volume: 45.73 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3255.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	63.00 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			3235.00	
Shut In Tool	5.00			3240.00	
Hydraulic tool	5.00			3245.00	
Packer	5.00			3250.00	21.00      Bottom Of Top Packer
Packer	5.00			3255.00	
Stubb	1.00			3256.00	
Recorder	0.00	8166	Outside	3256.00	
Recorder	0.00	6773	Inside	3256.00	
Perforations	38.00			3294.00	
Bullnose	3.00			3297.00	42.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>63.00</b>				





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**Brown #3-10**

3118 Cummings Rd  
Garden City KS 67846

**10 17s 11w Barton,KS**

Job Ticket: 39495

**DST#: 1**

ATTN: Josh Austin

Test Start: 2010.11.21 @ 04:37:57

**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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
45.00	O&GCM 5%o 10%g 85%m (5 ft free oil)	0.631
0.00	GIP 90 ft	0.000

Total Length: 45.00 ft

Total Volume: 0.631 bbl

Num Fluid Samples: 0

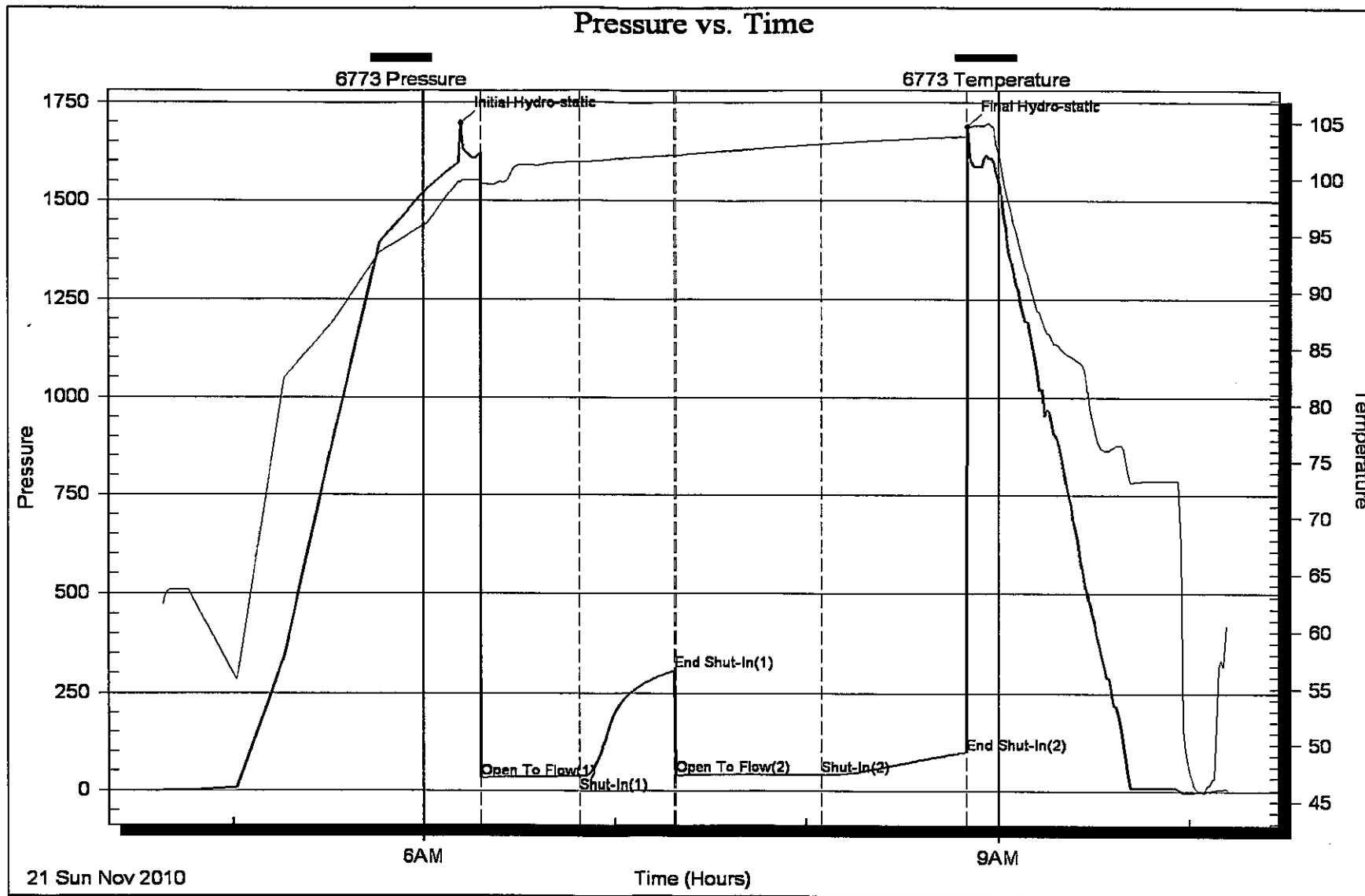
Num Gas Bombs: 0

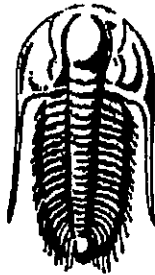
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd  
Garden City KS 67846

ATTN: Josh Austin

**10 17s 11w Barton,KS**

**Brown #3-10**

Start Date: 2010.11.21 @ 14:12:26

End Date: 2010.11.21 @ 19:46:41

Job Ticket #: 39496                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

American Warrior Inc

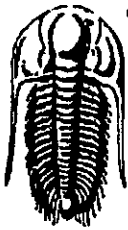
Brown #3-10

10 17s 11w Barton,KS

DST # 2

Arbuckle

2010.11.21



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 3118 Cummings Rd  
 Garden City KS 67846  
 ATTN: Josh Austin

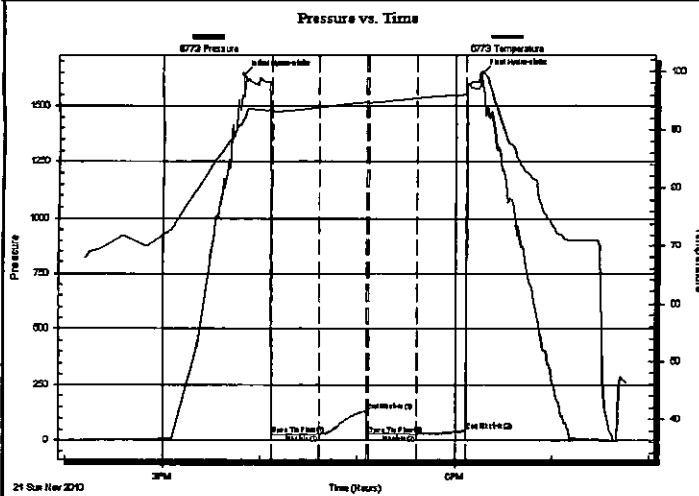
**Brown #3-10**  
**10 17s 11w Barton, KS**  
 Job Ticket: 39496      DST#: 2  
 Test Start: 2010.11.21 @ 14:12:26

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No Whipstock:**                      ft (KB)  
 Time Tool Opened: 16:06:41  
 Time Test Ended: 19:46:41  
 Interval: **3264.00 ft (KB) To 3300.00 ft (KB) (TVD)**  
 Total Depth: **3300.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Esak Hadley**  
 Unit No: **34**  
 Reference Elevations: **1865.00 ft (KB)**  
    **1857.00 ft (CF)**  
    **KB to GR/CF: 8.00 ft**

**Serial #: 6773**      Inside  
 Press@RunDepth: **28.62 psig @ 3255.00 ft (KB)**  
 Start Date: **2010.11.21**      End Date: **2010.11.21**  
 Start Time: **14:12:31**      End Time: **19:46:40**  
 Capacity: **8000.00 psig**  
 Last Calib.: **2010.11.21**  
 Time On Btm: **2010.11.21 @ 15:49:41**  
 Time Off Btm: **2010.11.21 @ 18:16:11**

**TEST COMMENT:** IF Weak blow . No more than 1".  
 ISI No blow .  
 FF Weak surface blow . No more than 1/2".  
 FSI No blow .



## PRESSURE SUMMARY

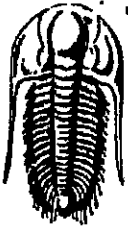
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.89	91.98	Initial Hydro-static
17	28.81	92.92	Open To Flow (1)
47	28.48	93.84	Shut-In(1)
77	132.17	94.72	End Shut-In(1)
78	28.58	94.66	Open To Flow (2)
107	28.62	95.45	Shut-In(2)
137	43.26	96.04	End Shut-In(2)
147	1645.70	99.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	G&OCM 2%g 25%o 73%m	0.28

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc

**Brown #3-10**

3118 Cummings Rd  
Garden City KS 67846

**10 17s 11w Barton,KS**

Job Ticket: 39496

**DST#: 2**

ATTN: Josh Austin

Test Start: 2010.11.21 @ 14:12:26

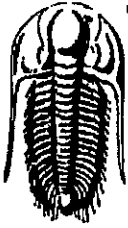
**Tool Information**

Drill Pipe:	Length: 3259.00 ft	Diameter: 3.80 inches	Volume: 45.72 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3254.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	67.00 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			3234.00	
Shut In Tool	5.00			3239.00	
Hydraulic tool	5.00			3244.00	
Packer	5.00			3249.00	21.00 Bottom Of Top Packer
Packer	5.00			3254.00	
Stubb	1.00			3255.00	
Recorder	0.00	8166	Outside	3255.00	
Recorder	0.00	6773	Inside	3255.00	
Perforations	42.00			3297.00	
Bullnose	3.00			3300.00	46.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>67.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc  
3118 Cummings Rd  
Garden City KS 67846  
ATTN: Josh Austin

**Brown #3-10**  
**10 17s 11w Barton,KS**  
Job Ticket: 39496      DST#: 2  
Test Start: 2010.11.21 @ 14:12:26

**Mud and Cushion Information**

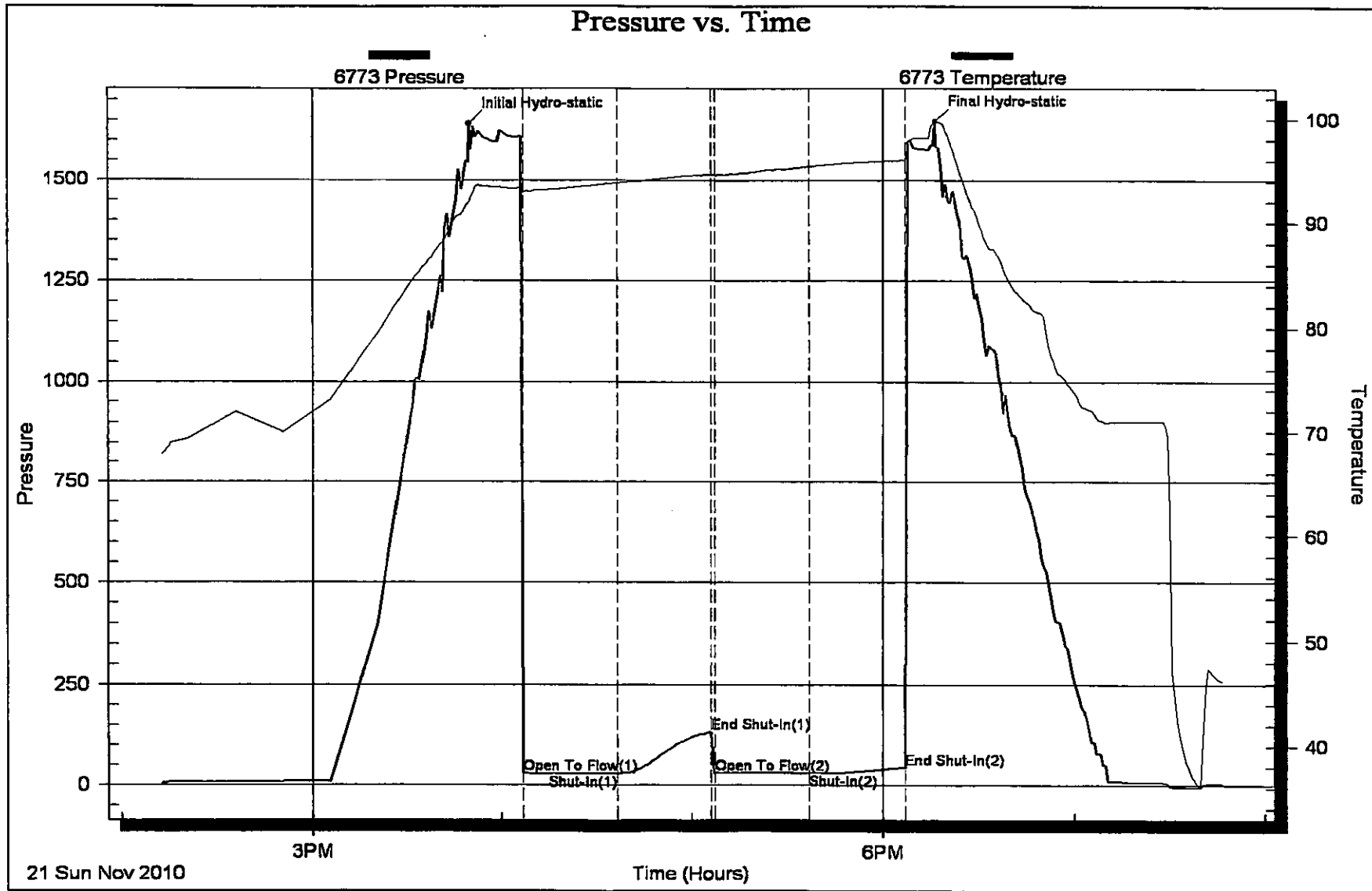
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: 0.20 inches			

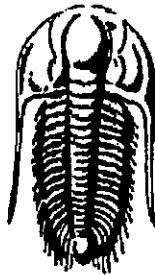
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
20.00	G&OCM 2%g 25%o 73%m	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd  
Garden City KS 67846

ATTN: Josh Austin

**10 17s 11w Barton,KS**

**Brown #3-10**

Start Date: 2010.11.22 @ 02:18:33

End Date: 2010.11.22 @ 09:33:18

Job Ticket #: 39497                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

American Warrior Inc

Brown #3-10

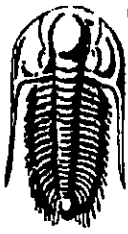
10 17s 11w Barton,KS

DST # 3

Arburckle

2010.11.22





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 3118 Cummings Rd  
 Garden City KS 67846  
 ATTN: Josh Austin

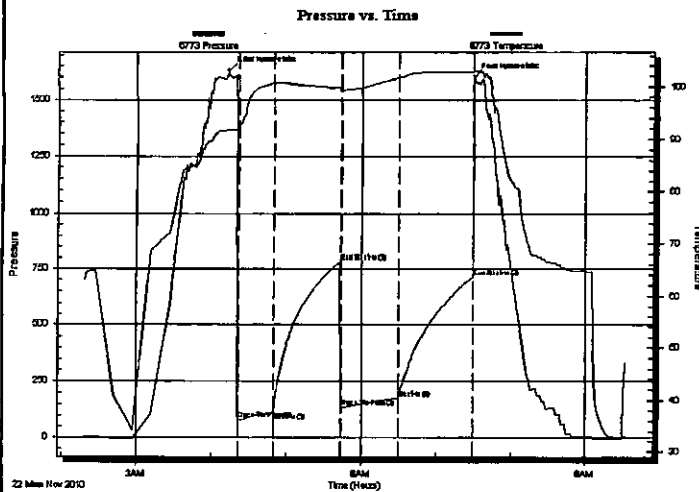
**Brown #3-10**  
**10 17s 11w Barton, KS**  
 Job Ticket: 39497      DST#: 3  
 Test Start: 2010.11.22 @ 02:18:33

## GENERAL INFORMATION:

Formation: **Arburckle**  
 Deviated: No Whipstock:                      ft (KB)  
 Time Tool Opened: 04:21:33  
 Time Test Ended: 09:33:18  
 Interval: **3253.00 ft (KB) To 3310.00 ft (KB) (TVD)**  
 Total Depth: **3310.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Esak Hadley  
 Unit No: 34  
 Reference Elevations: **1865.00 ft (KB)**  
**1857.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6773**      Inside  
 Press@RunDepth: **176.61 psig @ 3254.00 ft (KB)**  
 Start Date: **2010.11.22**      End Date: **2010.11.22**  
 Start Time: **02:18:38**      End Time: **09:33:17**  
 Capacity: **8000.00 psig**  
 Last Calib.: **2010.11.22**  
 Time On Btm: **2010.11.22 @ 04:13:18**  
 Time Off Btm: **2010.11.22 @ 07:30:18**

**TEST COMMENT:** IF Fair blow . BOB in 3 min  
 ISI Weak surface blow back  
 FF Weak blow BOB in 12 min  
 FSI Weak surface blow back



## PRESSURE SUMMARY

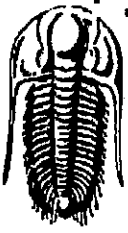
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.49	91.78	Initial Hydro-static
9	82.89	92.72	Open To Flow (1)
37	111.06	100.79	Shut-In(1)
90	780.75	99.85	End Shut-In(1)
91	134.77	99.35	Open To Flow (2)
137	176.61	101.79	Shut-In(2)
196	713.46	102.87	End Shut-In(2)
197	1601.11	103.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
275.00	Free Oil	3.86
125.00	G&OCM 10%g 10%o 80%rn	1.75

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc

**Brown #3-10**

3118 Cummings Rd  
Garden City KS 67846

**10 17s 11w Barton, KS**

Job Ticket: 39497

**DST#: 3**

ATTN: Josh Austin

Test Start: 2010.11.22 @ 02:18:33

### Tool Information

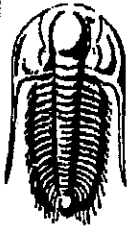
Drill Pipe:	Length: 3258.00 ft	Diameter: 3.80 inches	Volume: 45.70 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<b>Total Volume: 45.70 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3253.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	78.00 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			3233.00	
Shut In Tool	5.00			3238.00	
Hydraulic tool	5.00			3243.00	
Packer	5.00			3248.00	21.00 Bottom Of Top Packer
Packer	5.00			3253.00	
Stubb	1.00			3254.00	
Recorder	0.00	8166	Outside	3254.00	
Recorder	0.00	6773	Inside	3254.00	
Perforations	9.00			3263.00	
Change Over Sub	1.00			3264.00	
Blank Spacing	32.00			3296.00	
Change Over Sub	1.00			3297.00	
Perforations	10.00			3307.00	
Bullnose	3.00			3310.00	57.00 Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**Brown #3-10**

3118 Cummings Rd  
Garden City KS 67846

**10 17s 11w Barton,KS**

Job Ticket: 39497

**DST#: 3**

ATTN: Josh Austin

Test Start: 2010.11.22 @ 02:18:33

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
275.00	Free Oil	3.858
125.00	G&OCM 10%g 10%o 80%m	1.753

Total Length: 400.00 ft      Total Volume: 5.611 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

