

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

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

ORIGINAL

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: PO Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + 0399  
Contact Person: Scott Corsair  
Phone: (785) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
*(Core, WSW, Expl., Cathodic, etc.)*

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr. \_\_\_\_\_ Conv. to SWD \_\_\_\_\_  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
04/20/2009      04/27/2009      05/11/2009  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 135-24899-2000  
Spot Description: 40' S & 65' E NW SE SE  
SE NW SE SE Sec. 33 Twp. 18 S. R. 21  East  West  
950 Feet from  North /  South Line of Section  
925 Feet from  East /  West Line of Section

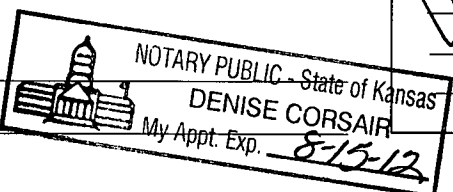
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Ryersee Well #: 3-33  
Field Name: Bazine East  
Producing Formation: Mississippian  
Elevation: Ground: 2189' Kelly Bushing: 2195'  
Total Depth: 4274' Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at: 221 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1396 Feet  
If Alternate II completion, cement circulated from: 1396  
feet depth to: Surface w/ 145 sx cmt.

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

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

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

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



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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

KCC WICHITA

Operator Name: American Warrior, Inc. Lease Name: Ryersee Well #: 3-33  
 Sec. 33 Twp. 18 S. R. 21  East  West County: Ness

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Compensated Neutron Density</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1406</td> <td>+789</td> </tr> <tr> <td>Heebner</td> <td>3653</td> <td>-1458</td> </tr> <tr> <td>Lansing</td> <td>3698</td> <td>-1503</td> </tr> <tr> <td>BKC</td> <td>4006</td> <td>-1811</td> </tr> <tr> <td>Ft. Scott</td> <td>4168</td> <td>-1973</td> </tr> <tr> <td>Cherokee</td> <td>4185</td> <td>-1990</td> </tr> <tr> <td>Mississippian</td> <td>4269</td> <td>-2074</td> </tr> </table>	Name	Top	Datum	Anhydrite	1406	+789	Heebner	3653	-1458	Lansing	3698	-1503	BKC	4006	-1811	Ft. Scott	4168	-1973	Cherokee	4185	-1990	Mississippian	4269	-2074
Name	Top	Datum																							
Anhydrite	1406	+789																							
Heebner	3653	-1458																							
Lansing	3698	-1503																							
BKC	4006	-1811																							
Ft. Scott	4168	-1973																							
Cherokee	4185	-1990																							
Mississippian	4269	-2074																							

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	221'	Common	160	2% gel 3% CC
Production	7 7/8"	5 1/2"	15.5	4273'	EA-2	175	

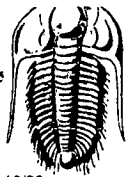
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface-1396'	SMD	145	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4269-4274'		

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4262'</u>	Packer At: <u>NA</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>05/11/2009</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls. <u>30</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity <u>40</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4269-4274' Perf</u> <u>4273-4274.5' Open hole</u>
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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36112

Well Name & No. Ryercee # 3-33 Test No. 1 Date 4-26-09  
 Company Avi. Warrior Elevation 2195 KB 2189 GL  
 Address PO Box 399 Garden City, Ks 67846  
 Co. Rep / Geo. Jason Alm Rig Petromark 1  
 Location: Sec. 33 Twp. 18<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State Ks

Interval Tested 4182 - 4205 Zone Tested Cherokee Sand  
 Anchor Length 73 Drill Pipe Run 4641 Mud Wt. 9.0  
 Top Packer Depth 4176 Drill Collars Run 122 Vis 47  
 Bottom Packer Depth 4182 Wt. Pipe Run — WL 8.0  
 Total Depth 4205 Chlorides 6200 ppm System LCM  
 Blow Description IFP - weak blow throughout 14'  
ISI - no blow back  
FFP - sur blow died 6 min  
FST —

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>USOCM</u>	<u>2</u>		<u>98</u>	
Rec	Feet of	%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 5 BHT 108 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2131  Test  
 (B) First Initial Flow 27  Jars  
 (C) First Final Flow 28  Safety Joint  
 (D) Initial Shut-In 430  Circ Sub  
 (E) Second Initial Flow 29  Hourly Standby  
 (F) Second Final Flow 29  Mileage 93 RT  
 (G) Final Shut-In \_\_\_\_\_  Sampler  
 (H) Final Hydrostatic 2023  Straddle

Initial Open 30  Shale Packer  
 Initial Shut-In 30  Extra Packer  
 Final Flow 15  Extra Recorder  
 Final Shut-In \_\_\_\_\_  Day Standby  
 \_\_\_\_\_  Accessibility

Sub Total \_\_\_\_\_

T-On Location 0723  
 T-Started 0914  
 T-Open 1111  
 T-Pulled 1226  
 T-Out 1416  
 Comments \_\_\_\_\_

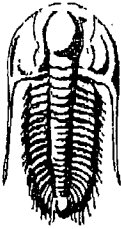
Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total \_\_\_\_\_  
 Total \_\_\_\_\_

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NOV 05 2009

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Approved By Jason Alm Our Representative Brian Ferguson (Hank)

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.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

AmWarrior  
PO Box 399  
Garden City, Ks  
67846  
ATTN: Jason Alm

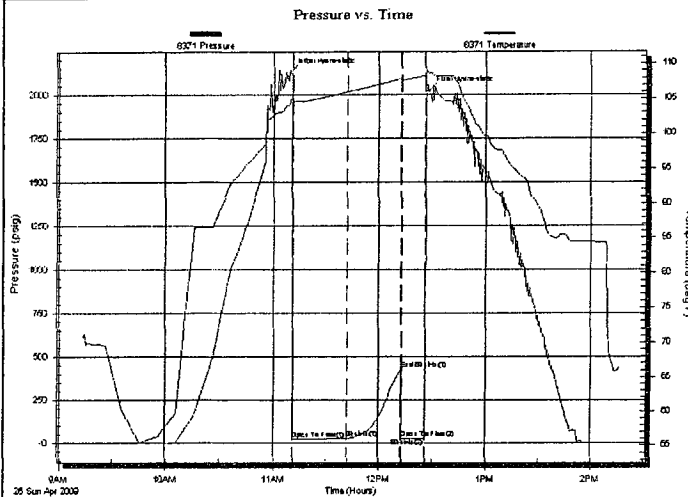
Ryersee #3-33  
33-18s-21w/Ness  
Job Ticket: 36112      DST#: 1  
Test Start: 2009.04.26 @ 09:14:10

## GENERAL INFORMATION:

Formation: Cherokee Sand  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 11:11:35  
Time Test Ended: 14:16:04  
Interval: 4182.00 ft (KB) To 4205.00 ft (KB) (TVD)  
Total Depth: 4205.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition:  
Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 41  
Reference Elevations: 2195.00 ft (KB)  
2189.00 ft (CF)  
KB to GR/CF: 6.00 ft

Serial #: 8371      Inside  
Press@RunDepth: 27.99 psig @ 4187.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.04.26      End Date: 2009.04.26      Last Calib.: 2009.04.26  
Start Time: 09:14:10      End Time: 14:16:04      Time On Btm: 2009.04.26 @ 11:10:05  
Time Off Btm: 2009.04.26 @ 12:28:05

TEST COMMENT: IFP - weak blow throughout 1/4"  
ISI - no blow back  
FFP - sur blow - died 6 min.  
TIME - 30-30-15



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.67	104.85	Initial Hydro-static
2	27.42	104.53	Open To Flow (1)
32	27.99	105.97	Shut-In(1)
63	429.70	107.87	End Shut-In(1)
63	29.09	107.58	Open To Flow (2)
76	28.71	108.28	Shut-In(2)
78	2022.70	108.69	Final Hydro-static

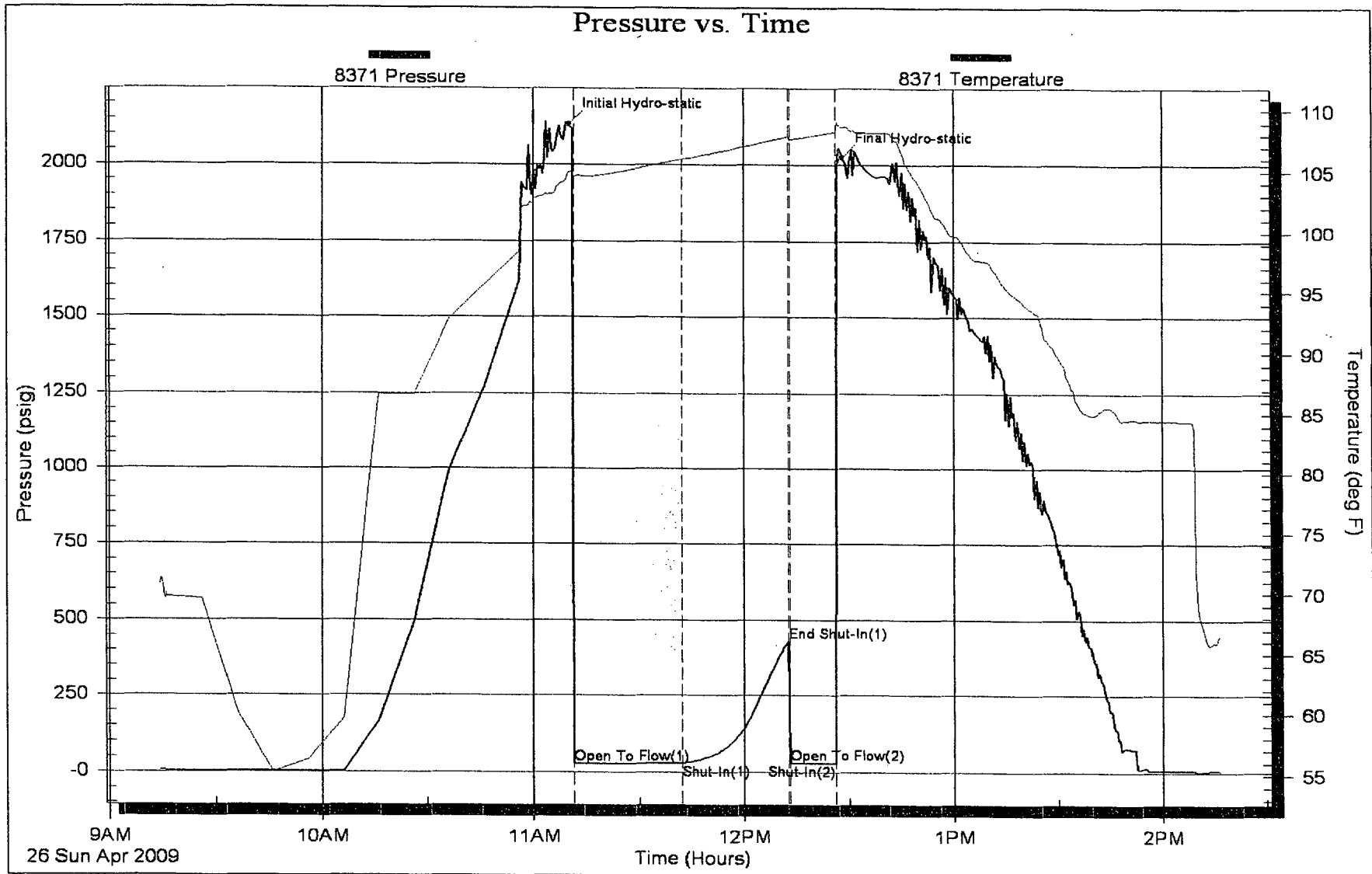
## Recovery

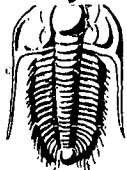
Length (ft)	Description	Volume (bbl)
5.00	VSOCM 2%O, 98%M	0.02

## Gas Rates

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

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36113

10/08

Well Name & No. Ryersee #3-33 Test No. 2 Date 4-26-09  
 Company Alm Warrior Elevation 2195 KB 2189 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jesse Alm Rig retromark 1  
 Location: Sec. 33 Twp. 18<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State KJ

Interval Tested 4181-4275 Zone Tested cherokee / msj  
 Anchor Length 94 Drill Pipe Run 4040 Mud Wt. 7.0  
 Top Packer Depth 4176 Drill Collars Run 122 Vis 47  
 Bottom Packer Depth 4181 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 4275 Chlorides 6200 ppm System LCM \_\_\_\_\_

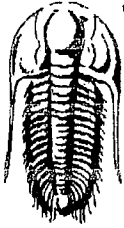
Blow Description IFP- BOB 1:45  
ESI- BOB 6 min  
FFP- Reversed out 1020'  
FSI- BOB 5 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>190'</u>	<u>GIP</u>				
<u>250</u>	<u>Free oil</u>		<u>95</u>		<u>5</u>
<u>60</u>	<u>OCM</u>		<u>10</u>		<u>90</u>
<u>125</u>	<u>G+OCM</u>	<u>20</u>	<u>40</u>		<u>40</u>
<u>120</u>	<u>MCO</u>		<u>50</u>		<u>50</u>

Rec Total 1575 BHT 123 Gravity 37 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2181</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>2146</u>
(B) First Initial Flow <u>213</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>2310</u>
(C) First Final Flow <u>413</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0103</u>
(D) Initial Shut-In <u>1016</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>0223</u>
(E) Second Initial Flow <u>532</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0557</u>
(F) Second Final Flow <u>590</u>	<input checked="" type="checkbox"/> Mileage	Comments _____
(G) Final Shut-In <u>1134</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2073</u>	<input type="checkbox"/> Straddle	_____
Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total _____
	<input type="checkbox"/> Accessibility	Total _____
	Sub Total _____	

Approved By \_\_\_\_\_ Our Representative Brian Fairbank (Alm)  
 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.



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Am Warrior  
 PO Box 399  
 Garden City, Ks  
 67846  
 ATTN: Jason Alm

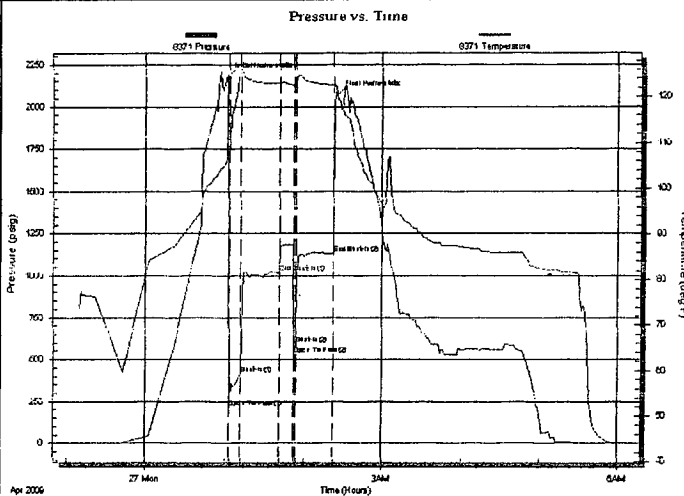
Ryersee #3-33  
 33-18s-21w/Ness  
 Job Ticket: 36113      DST#: 2  
 Test Start: 2009.04.26 @ 23:10:20

## GENERAL INFORMATION:

Formation: Cherokee/Miss  
 Deviated: No Whipstock:      ft (KB)  
 Time Tool Opened: 01:03:15  
 Time Test Ended: 05:56:14  
 Interval: 4181.00 ft (KB) To 4275.00 ft (KB) (TVD)  
 Total Depth: 4275.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2195.00 ft (KB)  
 2189.00 ft (CF)  
 KB to GR/CF: 6.00 ft

Serial #: 8371      Inside  
 Press@RunDepth: 590.10 psig @ 4188.00 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2009.04.26      End Date: 2009.04.27      Last Calib.: 2009.04.27  
 Start Time: 23:10:20      End Time: 05:56:14      Time On Btm: 2009.04.27 @ 01:02:15  
 Time Off Btm: 2009.04.27 @ 02:25:15

TEST COMMENT: IFP - BOB 1:45  
 ISI - BOB 6 min.  
 FFP - 2" BLOW  
 FSI - BOB 5 min.



## PRESSURE SUMMARY

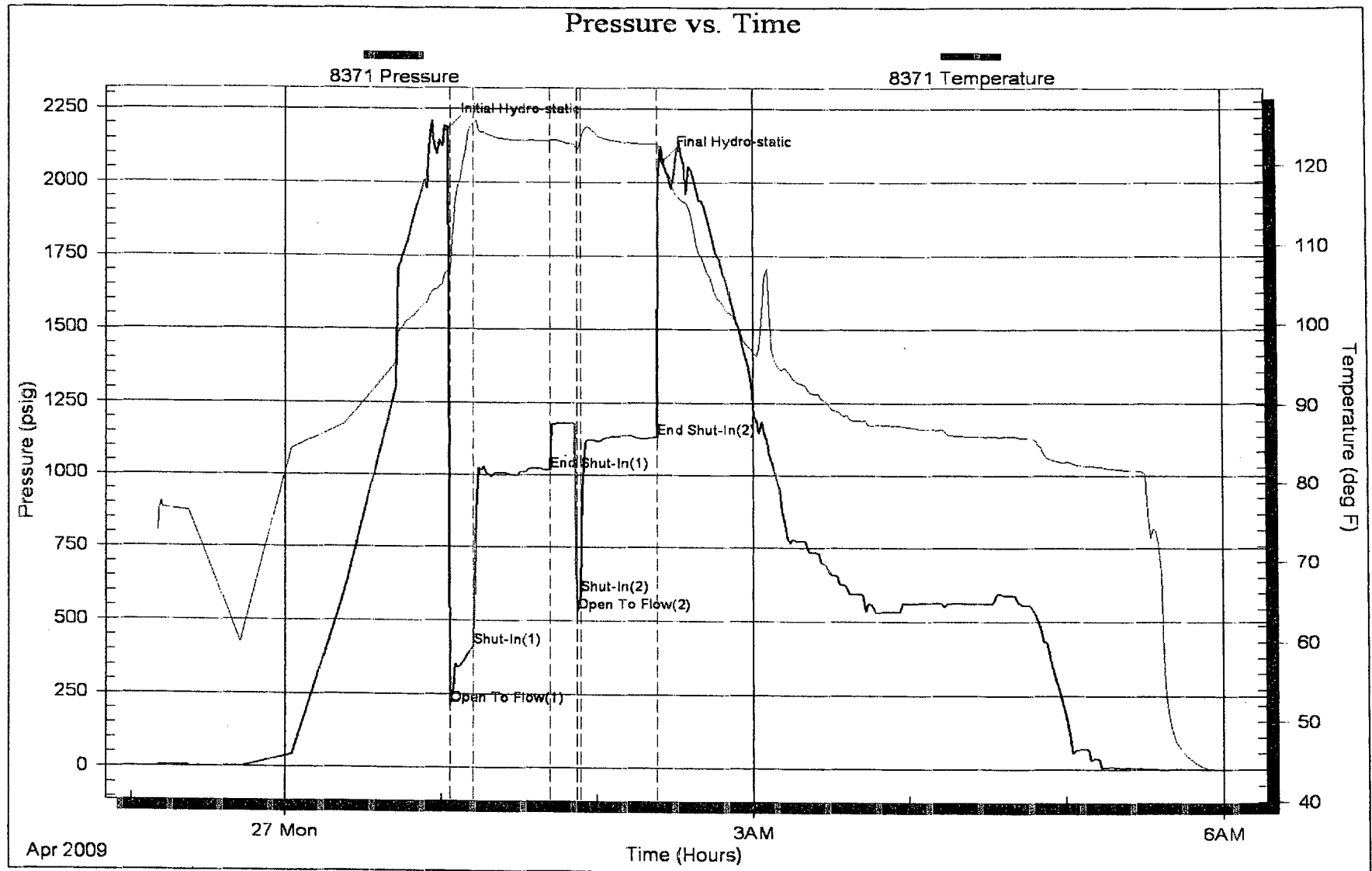
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2181.21	106.64	Initial Hydro-static
1	213.11	106.30	Open To Flow (1)
10	413.14	125.19	Shut-In(1)
40	1015.82	123.06	End Shut-In(1)
50	531.95	121.75	Open To Flow (2)
52	590.10	123.30	Shut-In(2)
81	1133.74	122.71	End Shut-In(2)
83	2072.70	119.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO 50%O, 50%M	0.59
1020.00	REVERSED OUT	14.29
125.00	GHOCM 20%G, 40%O, 40%M	1.75
60.00	OCM 10%O, 90%M	0.84
250.00	FREE OIL 95%O, 5%M	3.51
0.00	190' GIP	0.00

## Gas Rates

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







CHARGE TO:  
 AMERICAN WOODCO INC  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET

No 16191

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. NESS City, Ks  
 WELL/PROJECT NO. 3-33  
 LEASE RYERSEE  
 COUNTY/PARISH NESS  
 STATE Ks  
 CITY  
 DATE 5-1-09  
 OWNER SAME  
 2. TICKET TYPE  
 SERVICE  
 SALES  
 CONTRACTOR H-D  
 RIG NAME/NO.  
 SHIPPED VIA CT  
 DELIVERED TO LOCATION  
 ORDER NO.  
 3. WELL TYPE  
 WELL CATEGORY DEVELOPMENT  
 JOB PURPOSE COMEST PORT COLLAR  
 WELL PERMIT NO.  
 WELL LOCATION BADINE, Ks - 3E, 1S, W 21ND  
 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 # 110	20		MI		5.00	100.00
576D		1			PUMP CHARGE	1		JOB		1100.00	1100.00
105		1			PORT COLLAR OPENING TOOL	1		JOB		300.00	300.00
330		1			SWIFT MULTI - DENSITY STAINLESS	145		SYS		14.00	2030.00
276		1			FLOCELE	44		LBS		1.50	66.00
290		1			D-ADR	2		GAL		35.00	70.00
581		1			SERVICE CHARGE COMEST	175		SYS		1.50	262.50
582		1			MINIMUM DRAINAGE CHARGE	17384		LBS	173.84	250.00	250.00

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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 5-1-09 TIME SIGNED 0900

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?				4178.50
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-1-09 PAGE NO.

CUSTOMER AMERZAN WARDZOR EX WELL NO. 3-33 LEASE RYERSEE JOB TYPE CEMENT PORT COLLAR TICKET NO. 16191

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION
								2 3/8 x 5 1/2 PORT COLLAR = 1396'
	0935				✓		1000	PSZ TEST CASING - HEAD
	0940	3 1/2	2	✓		400		OPEN PORT COLLAR - 2 JTS BITE
	0945	4 1/4	81	✓		400		MIX CEMENT 145 SKS SMD 1/4" / 1/2 FLOCCLE
	1010	4	4 1/2	✓		550		DISPLACE CEMENT
	1015			✓		1000		CLOSE PORT COLLAR - PSZ TEST - HEAD
								CIRCULATED 15 SKS CEMENT TO PTZ
	1025	4	20	✓		500		RUN 4 JTS - CIRCULATE CLEAN
								WASH TRUCK
								PULL TOOL
	1100							JOB COMPLETE

THANK YOU  
WAWJE, BERTT, SCOTT

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CHARGE TO: <b>AMERICAN WARRIOR INC.</b>
ADDRESS
CITY, STATE, ZIP CODE

TICKET

№ 16187

PAGE	OF
1	2

SERVICE LOCATIONS 1. <b>NESS, KS</b>	WELL/PROJECT NO. <b>3-33</b>	LEASE <b>RYERSEE</b>	COUNTY/PARISH <b>NESS</b>	STATE <b>Ks</b>	CITY	DATE <b>4-27-09</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>PETROMARK DRIG #1</b>	RIG NAME/NO.	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>CEMWT 5 1/2" LONGSTRENGTH</b>	WELL PERMIT NO.	WELL LOCATION <b>BAZENE, KS - 3E, 1S, W2310</b>		
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 # 110	20	MI			5.00	100.00
578		1			PUMP CHARGE	1	JOB	4274	FT	1400.00	1400.00
221	RECEIVED NOV 05 2009 KCC WICHITA	1			LIQUID KCL	2	GNL			25.00	50.00
281		1			MUDFLUSH	500	GAL			1.00	500.00
402		1			CENTRALIZERS	5	EA	5 1/2"		55.00	275.00
403		1			CEMWT BASKETS	2	EA			180.00	360.00
404		1			PORT COLLAR TOP JT # 72	1	EA	1396	FT	1900.00	1900.00
406		1			LATCH DOWN PLUG + RAFFLE	1	EA			225.00	225.00
407		1			INSERT FLOAT SHOE w/AUTO FILL	1	EA			275.00	275.00
419		1			ROTATING HEAD RENTAL	1	JOB			150.00	150.00

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

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

X

DATE SIGNED: **4-27-09** TIME SIGNED: **1700**  A.M.  P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE:	UN-DECIDED:	DIS-AGREE:	PAGE TOTAL #1	5235.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#2	3761.00
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<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: **Wayne Wilson** APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 16187

CUSTOMER AMERIZON WADSWORTH Inc. WELL RYERSEE 3-33 DATE 4-27-09 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ASCT	OF			QTY	U/M	QTY	U/M			
325		1				STANDARD CONCRET	EA-2	175	SYS		11.00	1925.00	
276		1				FLOCELE		44	LBS		1.50	66.00	
283		1				SALT		900	LBS		.15	135.00	
284		1				CALSEAL		8	SYS	800	LBS	30.00	240.00
292		1				HAUAB-322		125	LBS		6.50	812.50	
290		1				D-ADR		2	GAL		35.00	70.00	
581		1				SERVICE CHARGE							
582		1											

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SERVICE CHARGE CUBIC FEET 175 1.50 262.50  
 MILEAGE CHARGE TOTAL WEIGHT 18319 LOADED MILES 20 TON MILES 183.19 250.00 250.00  
**CONTINUATION TOTAL 3761.00**

JOB LOG

SWIFT Services, Inc.

DATE 4-27-09 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR INC WELL NO. 3-33 LEASE RYERSEE JOB TYPE CEMENT 5/2" LONGSTRAWS TICKET NO. 16187

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							ON LOCATION
	1715							START 5/2" CASING IN WELL
								TD - 4274 SET @ 4273
								TD - 4279 5/2" # 15.5
								ST - 40'
								CENTRALIZERS - 1, 2, 3, 4, 71
								CMT BSKTS - 5, 72
								PORT COLLAR @ 1396' TOP JT # 72
	1850							DROP BALL - CIRCULATE ROTATE
	1932	6	12			450		PUMP 500 GAL MUDFLUSH "
	1934	6	20			450		PUMP 20 BRIS HCL-FLUSH "
	1940		7					PLUG RH (30SKS)
	1945	5/2	35			350		MIX CEMENT (145SKS) EA-2 "
	1952							WASH OUT PUMP - LINES
	1953							RELEASE LATCH DOWN PLUG
	1955	7	0					DISPLACE PLUG "
	2010	6 1/2	100.9			1500		PLUG DOWN - PSE UP LATCH IN PLUG
	2012							OK RELEASE PSE - HELD
								WASH TRUCK
	2100							JOB COMPLETE

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THANK YOU  
WANE, BRETT, DAVE

# ALLIED CEMENTING CO., LLC. 036292

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

SERVICE POINT:  
Ness City KS

DATE <u>4-21-09</u>	SEC. <u>33</u>	TWP. <u>18S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>7:00 pm</u>	JOB START <u>12:30 AM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Ryerson</u>		WELL# <u>3-33</u>		LOCATION <u>Barline East 1/4 South west</u>		COUNTY <u>NESS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one): <u>NEW</u>				INTO			

CONTRACTOR Petromark Risk  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 TD 224 221  
 CASING SIZE 8 5/8 DEPTH 224  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX. MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15  
 PERFS.  
 DISPLACEMENT 13.31 BBLS  
 EQUIPMENT  
 PUMP TRUCK CEMENTER Wayne - D  
 # 181 HELPER ALVIN - R  
 BULK TRUCK  
 # 341 DRIVER Garrett - D  
 BULK TRUCK  
 # DRIVER

OWNER American uranium  
 CEMENT  
 AMOUNT ORDERED 160'sx 60/40 390cc  
2% Gel  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
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**KCC WICHITA**  
 HANDLING @  
 MILEAGE 13 @

**REMARKS:**

Break circulation. Mix 160 SX  
60/40/390cc 2% Gel Shut Down  
Release Plug and Displace  
of fresh water and shut in  
Cement did circulate washup  
and Rig Down

TOTAL  
 SERVICE  
 DEPTH OF JOB 224  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE 13 @ 700  
 MANIFOLD @  
 @  
 @

CHARGE TO American uranium  
 STREET  
 CITY STATE ZIP

TOTAL

**PLUG & FLOAT EQUIPMENT**

1 8 1/2 wooden Plug @  
 @  
 @  
 @  
 TOTAL

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)  
 TOTAL CHARGES  
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Jim Mickle  
 SIGNATURE Jim Mickle

# **Geological Report**

**American Warrior, Inc.**

**Ryersee #3-33**

**950' FSL & 925' FEL**

**Sec. 33 T18s R21w**

**Ness County, Kansas**



**American Warrior, Inc.**

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KCC WICHITA

## General Data

Well Data: American Warrior, Inc.  
Ryersee #3-33  
950' FSL & 925' FEL  
Sec. 33 T18s R21w  
Ness County, Kansas  
API # 15-135-24899-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: April 20, 2009

Completion Date: April 27, 2009

Elevation: 2189' Ground Level  
2195' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to GG road, 1¼ mi.  
South on GG road, West into location.

Casing: 224' 8 5/8" surface casing  
4273' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Kenyon Bange"  
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Brian Fairbank"

Problems: After DST #1 gas detector was inaccurate due to high amounts of background gas. Shut in readings on DST #2 are inaccurate due to malfunction in test tool.

Remarks: During DST #1 of the Cherokee Sand, very weak blow resulted in the test being pulled during Final Flow. DST #2 most of fluid was reversed out into reserve pit.



## Formation Tops

Formation	American Warrior, Inc. Ryersee #3-33 Sec. 33 T18s R21w 950' FSL & 925' FEL
Anhydrite	1406', +789
Base	1440', +755
Heebner	3653', -1458
Lansing	3698', -1503
BKc	4006', -1811
Pawnee	4100', -1905
Fort Scott	4168', -1973
Cherokee	4185', -1990
Mississippian	4263', -2068
Osage	4269', -2074
RTD	4275', -2080
LTD	4274', -2079

## Sample Zone Descriptions

- Fort Scott (4168', -1973): Not Tested**  
Ls – Fine crystalline with pinpoint inter-crystalline porosity, scattered light oil stain in porosity, mostly barren, mostly dense. 18 units hotwire.
- Cherokee Sand "A" (4188', -1993): Covered in DST #1**  
SS – Quartz, Clear, slightly frosted, fine to medium grained, well rounded, fair to poor cementation, with poor to fair inter-granular porosity, light scattered oil stain and saturation, slight show of free oil when broken, slightly glauconitic, pyrite, very light odor, 22 units hotwire.
- Cherokee Sand "B" (4229', -2034): Covered in DST #2**  
SS – Quartz, few sandstone grains found, few dirty clusters, barren, no gas kick.
- Mississippian Osage (4269', -2074'): Covered in DST #2**  
Dolo – Δ – Fine sucrosic crystalline with poor vuggy porosity, light oil stain in porosity, heavy triptolitic chert, mostly barren, very light odor, no show of free oil, 21 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Brian Fairbank"

**DST #1**

**Cherokee Sand "A"**

Interval (4182' – 4205') Anchor Length 23'

IHP	- 2131 #	
IFP	- 30" – Built to ¼ in.	27-28 #
ISI	- 30" – Dead	430 #
FFP	- 10" – W.S.B. died 7 min.	29-29 #
FHP	- 2023 #	
BHT	- 108°F	

Recovery: 5' VSOCM 2% Oil

**DST #2**

**Mississippian Osage & Cherokee Sand "B"**

Interval (4181' – 4275') Anchor Length 94'

IHP	- 2181 #	
IFP	- 10" – B.O.B. 1.5 min.	213-413 #
ISI	- 30" – B.O.B. 6 min.	1016 #
FFP	- 10" – Built to 2 in.	532-590 #
FSI	- 30" – B.O.B. 5 min.	1134 #
FHP	- 2073 #	
BHT	- 123°F	

Recovery: 190' GIP  
250' GCO  
60' OCM 10% Oil  
125' GHOCM 40% Oil  
1020' Reversed Out  
120' MCO 50% Oil

## Structural Comparison

	American Warrior, Inc. Ryersee #3-33 Sec. 33 T18s R21w 950' FSL & 925' FEL	American Warrior, Inc. Ryersee #2-33 Sec. 33 T18s R21w 1450' FSL & 1250' FEL		American Warrior, Inc. Witthuhn #1 Sec. 34 T18s R21w 1320' FSL & 330' FWL	
<b>Formation</b>					
Anhydrite	1406', +789	1399', +788	(+1)	1390', +808	(-11)
Base	1440', +755	NA	NA	NA	NA
Heebner	3653', -1458	3639', -1452	(-6)	3634', -1436	(-22)
Lansing	3698', -1503	3684', -1497	(-6)	3679', -1481	(-22)
BKc	4006', -1811	4000', -1813	(-2)	3995', -1797	(-14)
Pawnee	4100', -1905	4087', -1900	(-5)	4092', -1894	(-11)
Fort Scott	4168', -1973	4158', -1971	(-2)	4160', -1962	(-11)
Cherokee	4185', -1990	4174', -1987	(-3)	4176', -1978	(-12)
Mississippian	4263', -2068	NA	NA	NA	NA
Osage	4269', -2074	4254', -2167	(-7)	4282', -2084	(+10)

## Summary

The location for the Ryersee #3-33 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Cherokee "B" Sand. After all gathered data had been thoroughly examined the decision was made to run 5½ inch production casing to further evaluate the Ryersee #3-33 well.

## Recommended Perforations

**Primary:**

**Cherokee "B" Sand**                      (4229' – 4236')                      DST #2

**Secondary:**

**Mississippian Osage**                      (4269' – 4273')                      DST #2

**Before abandonment:**

**Cherokee "A" Sand**                      (4188' – 4192')                      DST #1

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.