



KANSAS CORPORATION COMMISSION 1070375
OIL & GAS CONSERVATION DIVISION

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: 3118 Cummings Rd
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + _____
Contact Person: Scott Corsair
Phone: (785) 398-2270
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: Jason Alm
Purchaser: _____

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 #: _____

08/10/2011 08/17/2011 08/17/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25282-00-00
Spot Description: _____
NW SE NE NE Sec. 28 Twp. 18 S. R. 21 ☐ East ☒ West
840 Feet from ☒ North / ☐ South Line of Section
430 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☒ NE ☐ NW ☐ SE ☐ SW
County: Ness
Lease Name: Ryersee Well #: 3-28
Field Name: _____
Producing Formation: NA
Elevation: Ground: 2102 Kelly Bushing: 2108
Total Depth: 4194 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1345 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: 25000 ppm Fluid volume: 140 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: American Warrior
Lease Name: Strecker License #: 4058
Quarter SW Sec. 06 Twp. 19 S. R. 21 ☐ East ☒ West
County: Ness Permit #: D19026

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.

Submitted Electronically

KCC Office Use ONLY

☐ Letter of Confidentiality Received
Date: _____
☐ Confidential Release Date: _____
☐ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution
ALT ☒ I ☐ II ☐ III Approved by: Deanna Garbar Date: 12/19/2011



1070375

Operator Name: American Warrior, Inc. Lease Name: Ryersee Well #: 3-28
 Sec. 28 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No (Attach Additional Sheets) Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Electric Log Submitted Electronically ☐ Yes ☐ No (If no, Submit Copy) List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☒ Sample <table style="width: 100%;"> <tr> <td style="width: 33%;">Name</td> <td style="width: 33%;">Top</td> <td style="width: 33%;">Datum</td> </tr> <tr> <td>Attached</td> <td>Attached</td> <td>Attached</td> </tr> </table>	Name	Top	Datum	Attached	Attached	Attached
Name	Top	Datum					
Attached	Attached	Attached					

CASING RECORD ☒ New ☐ 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	12.25	8.625	23	1345	SMD	425	1/4# flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Ryersee 3-28
Doc ID	1070375

Tops

Anhydrite	1335	773
Heebner	3574	-1466
Lansing	3618	-1510
BKC	3933	-1825
Pawnee	4012	-1904
Ft. Scott	4089	-1980
Cherokee	4106	-1998
Mississippian	4189	-2081
RTD	4194	-2086

[illegible]

Geological Report

American Warrior, Inc.

Ryersee #3-28

840' FNL & 430' FEL

Sec. 28 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Ryersee #3-28
840' FNL & 430' FEL
Sec. 28 T18s R21w
Ness County, Kansas
API # 15-135-25282-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: August 10, 2011

Completion Date: August 17, 2011

Elevation: 2102' Ground Level
2108' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to FF rd. North ½ mi.
to 130 rd. East on 130 rd. 7/8 mi. South into
location.

Casing: 1348' 8 5/8" surface casing

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

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Brandon Turley"

Problems: None

Remarks: None

Formation Tops

	American Warrior, Inc.
	Ryersee #3-28
	Sec. 28 T18s R21w
Formation	840' FNL & 430' FEL
Anhydrite	1335', +773
Base	1367', +741
Heebner	3574', -1466
Lansing	3618', -1510
BKc	3933', -1825
Pawnee	4012', -1904
Fort Scott	4089', -1980
Cherokee	4106', -1998
Mississippian	4189', -2081
RTD	4194', -2086

Sample Zone Descriptions

Mississippian Osage (4189', -2081'): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with poor vuggy porosity, very heavy slightly tripolitic chert, lightly weathered with fair to good vuggy porosity, light to fair scattered oil stain in porosity, no show of free oil, light spotted yellow fluorescents, 22 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc.

"Brandon Turley"

DST #1

Mississippian Osage

Interval (4104' – 4194') Anchor Length 90'

IHP	– 2021 #	
IFP	– 10" – B.O.B. 2 min.	159-501 #
ISI	– 30" – Dead	1181 #
FFP	– 10" – B.O.B. 2 min.	393-566 #
FSI	– 30" – Dead	1183 #
FHP	– 1945 #	
BHT	– 122°F	

Recovery: 226' Mud
310' MCW
372' MCW w/ Trace of Oil
124' OCMW 5% Oil, 75% Water

Structural Comparison

	American Warrior, Inc. Ryersee #3-28 Sec. 28 T18s R21w 840' FNL & 430' FEL	Sunray DX Oil Co. Jones #1 Sec. 28 T18s R21w NE NE NE		American Warrior, Inc. Ryersee #2-28 Sec. 28 T18s R21w 760' FSL & 2600' FEL	
Formation					
Anhydrite	1335', +773	NA	NA	1332', +779	(-6)
Base	1367', +741	NA	NA	1366', +745	(-4)
Heebner	3574', -1466	3570', -1461	(-5)	3564', -1453	(-13)
Lansing	3618', -1510	3615', -1506	(-4)	3610', -1499	(-11)
BKc	3933', -1825	3936', -1827	(+2)	3930', -1819	(-6)
Pawnee	4012', -1904	4012', -1903	(-1)	4008', -1897	(-7)
Fort Scott	4089', -1980	4086', -1977	(-3)	4082', -1971	(-9)
Cherokee	4106', -1998	4104', -1995	(-3)	4097', -1986	(-12)
Mississippian	4189', -2081	4188', -2079	(-2)	4188', -2077	(-4)

Summary

The location for the Ryersee #3-28 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which was negative. After all gathered data had been examined the decision was made to plug and abandon the Ryersee #3-28 well.

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.

JOB LOG

SWIFT Services, Inc.

DATE 17 AUG 11 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE RYERSEE 3-28 JOB TYPE PTA TICKET NO. 22187

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
0720								ON LOCATION
0850	4	13			✓			SET 1 ST PLUG @ 1370 - 50 SX
0935	4	13			✓			SET 2 ND PLUG @ 600 - 50 SX
0949	4	13			✓			SET 3 RD PLUG @ 300 - 50 SX
1019	3	5 1/2			✓			SET 4 TH PLUG @ 60 - 20 SX
1046		7						PLUG RH (30 SX)



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

SERVICE LOCATION 1. NESS CITY, KS. WELLPROJECT NO. LEASE RYERSEE 3-28 COUNTY/STATE NESS
 2. TICKET TYPE CONTRACTOR PETROMARK DRILLING RIG NAME NO.
 3. SERVICE SALES WEL TYPE WEL CATEGORY ABANDON JOB PURPOSE PTA.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	OF	DESCRIPTION
575		1			MILEAGE @ 11D
576P		1			PUMP CHARGE
276		1			FLOCCULE
290		1			D-AIR
582		1			MINIMUM DRAINAGE
328-4		1			60/40 PORTLAND CEMENT
581		1			SERVICE CHARGE CEMENT

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

REMIT PAYMENT TO:

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

DATE SIGNED 17 AUG 11 TIME SIGNED 1115 AM
 P.M.

SWIFT OPERATOR

APPROVAL



CHARGE TO: **AMERICAN WOODWORK INC**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
21012

PAGE **1** OF **2**

SERVICE LOCATIONS
1. NESS CITY, KS
2.
3.
4. REFERRAL LOCATION

WELL/PROJECT NO. **3-28** LEASE **RYERSEE** COUNTY/PARISH **NESS** STATE **Ks** CITY DATE **8-12-11** OWNER **SAME**

TICKET TYPE ☒ SERVICE ☐ SALES CONTRACTOR **PETRO-MARK DELG #1** RIG NAME/NO. SHIPPED **CT** DELIVERED TO **LOCATION** ORDER NO.

WELL TYPE **OR** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **8 5/8" SURFACE** WELL PERMIT NO. WELL LOCATION **BAZZWE, KS - 2 E, 1 N, 3/4 S**

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM		UM		
575		1			MILEAGE # 110	20	ME			6.00	120.00
576D		1			PUMP CHARGE - DEEP SURFACE	1	DBB	1345	FT	1250.00	1250.00
221		1			LEADS HCL	2	Gal			25.00	50.00
281		1			MUD FLUSH	500	Gal			1.25	625.00
409		1			TURBO LIDS	4	EA	8 5/8"		100.00	400.00
410		1			TOP PLUG	1	EA			100.00	100.00
401		1			INSERT FLOAT W/O AUTO FOL	1	EA			250.00	250.00

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 **8-12-11** TIME SIGNED **2:40** **8 AM**

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?				# 1	2795.00
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				# 2	8660.40
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES ☐ NO			TOTAL	
☐ CUSTOMER DID NOT WISH TO RESPOND					

APPROVAL: **Dave Wilson**

Thank You!

JOB LOG SWIFT Services, Inc.

SWIFT Services, Inc.

DATE	8-12-11	PAGE NO.	1
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CUSTOMER American Woodmark Inc.	WELL NO. 3-28	LEASE OVERSEE	JOB TYPE 8 1/8" SURFACE	TICKET NO. 21013
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CUSTOMER
Andrew Wagoner, Inc.

WELL NO. 3-28

LEAD RYERSEE

JOINT TYPE
8 5/8" SURFACE

TICKET NO. 21012

CHART NO.	TIME	RATE (GPM)	VOLUME (GALLONS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
B/11/11	2300							ON LOCATION
	0130							START 8 ⁵ / ₈ " CASING IN WELL
								TD - 1347 SET = 1345
								TP - 1345 8 ⁵ / ₈ " 23
								ST - 18'
								CENTERS - 1, 4, 12, 27
	0315							BREAK CIRCULATION
	0410	7	12	✓		350		PUMP 500 GAL MUD FLUSH
	0412	7	20	✓		350		PUMP 20 BBL KCL-FLUSH
	0420	7	48	✓		350		MAX CMSSJ - 100 SWS = 11.8 PP6
			55	✓				150 SWS = 12.7 PP6
			31	✓				100 SWS = 13.5 PP6
		6 ¹ / ₂	20	✓		200		75 SWS = 14.5 PP6
	0440							RELEASE PLUG
	0440	7	0	✓				DISPLACE PLUG
	0452	7	85			600		PLUG DOWN - SHUT IN
								CIRCULATED 30. SWS CEMENT TO ACT
								WASH TRUCK
	0600							JOB COMPLETE
								THANK YOU WAWE, JEFF, LADE



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Jason Alm

Ryersee 3-28

28-18s-21w Ness KS

Job Ticket: 43681

DST#: 1

Test Start: 2011.08.16 @ 21:05:26

GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:48:21

Time Test Ended: 03:36:50

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4104.00 ft (KB) To 4194.00 ft (KB) (TVD)

Total Depth: 4194.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2108.00 ft (KB)

2102.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8373 Inside

Press@RunDepth: 566.05 psig @ 4105.00 ft (KB)

Start Date: 2011.08.16

End Date: 2011.08.17

Start Time: 21:05:26

End Time: 03:36:50

Capacity: 8000.00 psig

Last Calib.: 2011.08.17

Time On Btm: 2011.08.16 @ 23:46:36

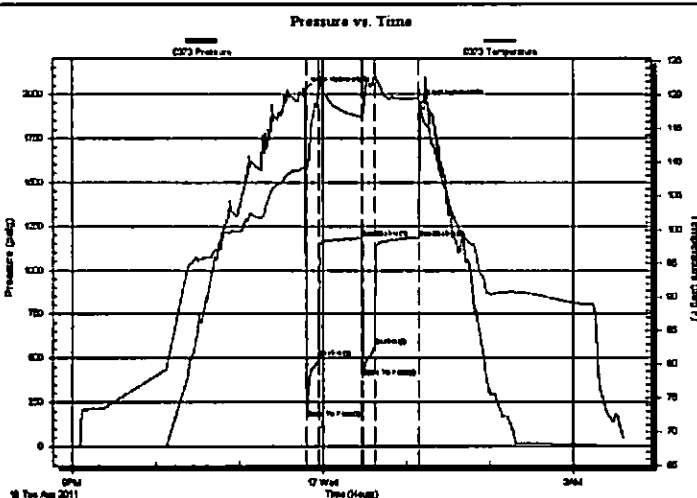
Time Off Btm: 2011.08.17 @ 01:10:21

TEST COMMENT: IF: BOB in 2 min.

IS: No return.

FF: BOB in 2 min.

FS: No return.



PRESSURE SUMMARY

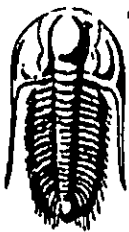
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.93	109.26	Initial Hydro-static
2	159.01	108.78	Open To Flow (1)
11	501.81	121.34	Shut-In(1)
42	1181.27	116.84	End Shut-In(1)
42	393.98	116.83	Open To Flow (2)
51	566.05	122.58	Shut-In(2)
83	1183.32	119.57	End Shut-In(2)
84	1945.52	118.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocmw 5%o 75%w 20%m	0.66
372.00	mcw trace of oil 85%w 15%m	5.22
310.00	mcw 30%w 70%m	4.35
226.00	mud 100%m	3.17

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Ryersee 3-28

3118 Cummings Rd
Garden City, Ks 67846

28-18s-21w Ness KS

Job Ticket: 43681

DST#: 1

ATTN: Jason Alm

Test Start: 2011.08.16 @ 21:05:26

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	ocmw 5%o 75%w 20%m	0.655
372.00	mcw trace of oil 85%w 15%m	5.218
310.00	mcw 30%w 70%m	4.348
226.00	mud 100%m	3.170

Total Length: 1032.00 ft

Total Volume: 13.391 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .27@72=25000

