

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1054696

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 # 405	>8		API No. 15	00-00	
Name: American Warrio			Spot Description:	**	
Address 1: 3118 Cummings	Rd		NE_SW_SE_SW Sec. 3 Twp. 19 S. R. 21 East West		
Address 2: PO BOX 399			335 Feet from North / South Line of Section		
City: GARDEN CITY	•	67846 +	1,825 Feet from East / West Line of Section		
Contact Person: Scott Corsa			Footages Calculated from Nea	rest Outside Section Corner:	
Phone: (785) 398-227	0		□NE □NW [SE 🗹 SW	
CONTRACTOR: License # 3	3323		County: Ness		
Name: Petromark Drilling,	LLC		Lease Name: Rothweiler	Well #: 3	
Wellsite Geologist: Jason Alm	1		1		
Purchaser:			Producing Formation: NA		
Designate Type of Completion:			Elevation: Ground: 2234	Kelly Bushing: 2240	
✓ New Well	Re-Entry	Workover		ack Total Depth:	
Oil Wsw	SWD	siow	1	nd Cemented at: 223 Feet	
☐ Gas 🗹 D&A	☐ ENHR	SIGW	Multiple Stage Cementing Colla	ar Used? 🔲 Yes 🔽 No	
□ og	☐ GSW	Temp. Abd.	If yes, show depth set:	Feet	
CM (Coal Bed Methane)			If Alternate II completion, ceme	ent circulated from:	
Cathodic Other (C	ore, Expl., etc.):	Months and the second s	feet depth to:	w/sx cmt.	
If Workover/Re-entry: Old Well	Info as follows:	•			
Operator:	· · · · · · · · · · · · · · · · · · ·		Drilling Fluid Management Pl	lan.	
Well Name:			(Data must be collected from the R		
Original Comp. Date:	Original Tota	l Depth:	Chloride content: 25000		
Deepening Re-p	erf. Conv. to El	NHR Conv. to SWD	l .	• • • • • • • • • • • • • • • • • • • •	
	Conv. to G	SW	Dewatering method used: Ev	aporateu	
Plug Back:	Plug E	Back Total Depth	Location of fluid disposal if hau	led offsite:	
Commingled	Permit #:		Operator Name:		
Dual Completion	Permit #:			License #:	
SWD	Permit #:	· · · · · · · · · · · · · · · · · · ·			
ENHR	Permit #:		Quarter Sec 1	TwpS. R	
☐ GSW	Permit #:		County:	Permit #:	
04/14/2011 04/2	1/2011	04/21/2011			
Spud Date or Date F		Completion Date or			

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 QLA							
ALT I I II Approved by: Deanna Gerrison Date: 04/26/2014							

Side Two

1054696

Operator Name: Ame	<u>erican Warrior, I</u>	nc.	L	ease Name:	Rothweiler		Well #:3		
Sec. 3 Twp. 19	s. R. <u>21</u>	☐ East 🗸 W	/est (County: Ne	ss		*		
INSTRUCTIONS: Shot time tool open and clo recovery, and flow rate line Logs surveyed. At	sed, flowing and shi s if gas to surface to	ut-in pressures, w est, along with fin	/hether shut-i al chart(s). A	n pressure re	eached static leve	 hydrostatic pres 	ssures hottom	hole temperatur	ro flui
Drill Stem Tests Taken (Attach Additional S	heets)	Yes	/ No		Log Formation	on (Top), Depth a	nd Datum	✓ Sampl	e
Samples Sent to Geolo	ogical Survey	☐ Yes 「	∑ No		me		Тор	Datum	ŀ
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	Yes Yes	☑ No ☑ No ☑ No	Atta	ched	<i>.</i>	Attached	Attache	d
List All E. Logs Run:									
			CASING REC			TOTAL			
Purpose of String	Size Hole	Report all str Size Casin		ctor, surface, ir Weight	setting	tion, etc.	# 01	7	
T drpose of string	Drilled	Set (In O.D		Lbs. / Ft.	Depth	Cement	# Sacks Used	Type and Per Additives	
Surface	12.25	8.625	23		223	Common	160	2% gel, 3% (CĆ
		· · · · · · · · · · · · · · · · · · ·							
	·								
		ADD	ITIONAL CEM	ENTING / SC	UEEZE RECORD				
Purpose: —— Perforate	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percer			Percent Additives	3	
Protect Casing Plug Back TD	-					1814			
Plug Off Zone	-	·							
Shots Per Foot	PERFORATION Specify F	ON RECORD - Bri	dge Plugs Set/ erval Perforated	Туре	Acid, Fra	cture, Shot, Cemen	t Squeeze Recor		epth
									Pu.
			*						
					·				
		· · · · · · · · · · · · · · · · · · ·							
									
TUBING RÉCORD:	Size:	Set At:	Pac	ker At:	Liner Run:	Yes No			
Date of First, Resumed Pr	oduction, SWD or EN	r	sing Method: wing Pu	umping	Gas Lift C	ther (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Ga	as Mcf	Wa	ter Bl	pls. (Gas-Oil Ratio	Gravi	ity
DISPOSITION	OF GAS:		METHO	D OF COMPL	FTION:		DDCCUG		
Vented Sold	Used on Lease	Open Hol		Dually	Comp. Com	nmingled	PRODUCTIO	ON INTERVAL:	
(If vented, Subm	it ACO-18.)	Other (Sp.	ecify)	(Submit		nit ACO-4)		•	

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Rothweiler 3
Doc ID	1054696

Tops

Name	Top	Datum "Time"
Anhydrite	1454	786
Heebner	3698	-1458
Lansing	3744	-1504
BKC	4056	-1816
Pawnee	4147	-1907
Ft. Scott	4215	-1975
Cherokee	4232	-1992
MIssissippian	4321	-2081
TD	4337	-2097

ALLIED CEMENTING CO., LLC. 037188

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 CoTeaTBEACKS, TWP. RANGE CALLED OUT ON LOCATION JOB FINISH P 20 M 195 214 COUNTY STATE LOCATION DOZ DE KS. Ne55 OLD OR NEW (Circle one) "LUE CONTRACTOR PETFORIATE # OWNER A METICAN WATTIOF TYPE OF JOB SUSFACE HOLE SIZE 12 1/4 T.D. CASING SIZE 85/8 DEPTH 223FT AMOUNT ORDERED 1/005x A+39/c e0 **TUBING SIZE** DEPTH DRILL PIPE 41/2 DEPTH TOOL DEPTH PRES. MAX 250 PCI MINIMUM COMMON **MEAS. LINE** SHOE JOINT **PÓZMIX** CEMENT LEFT IN CSG. **GEL** @ PERFS. **CHLORIDE** @ DISPLACEMENT Fresh Water ASC @ @ **EQUIPMENT** @ @ **PUMP TRUCK** CEMENTER David W @ #.366 HELPER @ **BULK TRUCK** @ DRIVER @ **BULK TRUCK** @ DRIVER HANDLING @ MILEAGE REMARKS: TOTAL PEON BOTTOM BROOKE TO SERVICE x-160Gx At 34ccc +24. Ge DEPTH OF JOB 223 FT A CEMENT **PUMP TRUCK CHARGE EXTRA FOOTAGE** MILEAGE @ MANIFOLD @ @ @ CHARGE TO: AMEDICAN WOL TOTAL STREET STATE 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 TOTAL done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES PRINTED NAME DISCOUNT IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 043342

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: Ook RANGE 2 ON LOCATION CALLED OUT LOCATION BOZINE K) E do OLD OR NEW (Circle one) Y4. E Jame **OWNER** TYPE OF JOB HOLE SIZE T.D. **CASING SIZE** DEPTH **TUBING SIZE** DEPTH **DRILL PIPE** DEPTH TOOL DEPTH 1205KI @ 1625 PRES. MAX COMMON 805F) @ 850 POZMIX MEAS. LINE CEMENT LEFT IN CSG GEL **CHLORIDE** PERFS. DISPLACEMENT ASC **EQUIPMENT** 1/0-5-01 @ CEMENTER Lo Kens PUMP TRUCK # 422 HELPER @ BULK TRUCK @ DRIVER @ **BULK TRUCK** 0 DRIVER 468.00 HANDLING 208 5KS @ MILEAGE # // dia; 39320 TOTAL 432495 REMARKS: SERVICE 50 5Ks 14701 20 5Ks DEPTH OF JOB. 1250.00 **PUMP TRUCK CHARGE EXTRA FOOTAGE** 7.00 MILEAGE **MANIFOLD** TOTAL . **PLUG & FLOAT EOUIPMENT** 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 TOTAL done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL" SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES DISCOUNT IF PAID IN 30 DAYS PRINTED NAME **SIGNATURE**

ALLIED CEMENTING CO., LLC Cementing & Acidizing Services

MOLLER PRINTERS, INC. - Great Burid, KS

CEMENTING LOG

STAGE NO.

Losso Ro		, CARIC	7 K TK	Het No. 433	42	pacer Type:
County 1	thereican	برق دومه لعلم	Rig	Helino. 3		mt Sks Yield ft 3/sk Density PP
	1055			ate KS		
Bazinek	3-19.2	1 GGPd - a	Fic	eld		EAD: Pump Time hrs. Type Excess
CASING DATA:	Conductor			iqueeze 🔲 Mi	sc 🗆 🗡	mt. 200 Sks Yield 142 ft ² /sk Density 13 82 pp
	Surface	_		• =	=	11 / 01 00 1101
83/8	-	_			_	•
520	Type	Weig	mt	Coller		Excess
						mt Sks Yield ft ³ /sk DensityPP
					v	VATER: Lead gals/sk Tail gals/sk Total Bb
		,				
Casing Depths: To	op <u> </u>	5,	Bottom	260'	Р	ump Trucks Used 422 Wayare
					В	utk Equip. 341 - 806
· ·						· · · · · · · · · · · · · · · · · · ·
		****		0-11-		
Dritt Pipe: Size	7775	Weight	363 n. F	Collars	<u> </u>	
Open Hole: Size	170	T.D. <u></u>	ft F	P.B. to	tt. F	oat Equip: Manufacturer
CAPACITY FACTO	DRS:					hoe: Type Depth
Casing:	Bbls/Lin. ft		Lin. ft./B	Ы		oat: Type Depth
Open Holes:	Bbls/Lin. ft		Lin. ft./B	bl		entralizers: Quantity Plugs Top Btm
Drill Pipe:	Bbls/Lin. ft.	,014/22	Lin. ft./B	Ы	S	tage Collars
Annulus:				bl		norial Fruin
ATTINUS.				Ы		isp. Fluid Type Wo Fer Amt Bbls. Weight PP
Perforations: Fi	rom	ft. to.		ft. Amt	N	lud Type WeightPP
COMPANY REPRE	ESENTATIVE					CEMENTER Lokene
TIME	PRESSU	RES PSI	FLU	IID PUMPED (DATA	DENAADVC
AM/PM	DRILL PIPE	ANNULUS	TOTAL	Pumped Per	RATE	REMARKS
	CASING	744110200	FLUID	Time Period	Bbls Min.	
6:30		<u> </u>				Start weter
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Geological Report

American Warrior, Inc.
Rothweiler #3
335' FSL & 1825' FWL
Sec. 3 T19s R21w
Ness County, Kansas



- American Warrior, Inc.

General Data

Well Data:

American Warrior, Inc.

Rothweiler #3

335' FSL & 1825' FWL Sec. 3 T19s R21w Ness County, Kansas

API # 15-135-25055-0000

Drilling Contractor:

Petromark Drilling, LLc Rig #1

Geologist:

Jason Alm

Spud Date:

April 14, 2011

Completion Date:

April 21, 2011

Elevation:

2234' Ground Level

2240' Kelly Bushing

Directions:

Bazine KS, East on Hwy 96 to GG rd. South on GG

rd. to 110 rd. East ¼ mi. North into location.

Casing:

223' 8 5/8" surface casing

Samples:

10' wet and dry, 3600' to RTD

Drilling Time:

3600' to RTD

Electric Logs:

None

Drillstem Tests:

None

Problems:

Rig was one joint off from 2203' to RTD. The

extra joint was accounted for and all formation tops

were corrected.

Remarks:

None

Formation Tops

1	
	American Warrior, Inc.
	Rothweiler #3
	Sec. 3 T19s R21w
Formation	335' FSL & 1825' FWL
Anhydrite	1454', +786
Base	1488', +752
Heebner	3698', -1458
Lansing	3744', -1504
BKc	4056', -1816
Pawnee	4147', -1907
Fort Scott	4215', -1975
Cherokee	4232', -1992
Mississippian	4321', -2081
RTD	4337', -2097

Sample Zone Descriptions

Mississippian Osage (4321', -2081): Not Tested

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, very heavy trip chert, heavily weathered with good vuggy porosity, barren, no fluorescents, no gas kick.

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		Harvey Gough	
,	Rothweiler #3	Rothweiler #2		Rothweiler #1	
	Sec. 3 T19s R21w	Sec. 3 T19s R21w		Sec. 3 T19s R21w	
Formation	335' FSL & 1825' FWL	750' FSL & 2310' FWL		1756' FSL & 884' FWL	
Anhydrite	1454', +786	1437', +792	(-6)	1427', +797	(-11)
Base	1488', +752	NA	NA	1460', +764	(-12)
Heebner	3698', -1458	3687', -1458	FL	3677', -1453	(-5)
Lansing	3744', -1504	3731', -1502	(-2)	3723', -1499	(-5)
BKc	4056', -1816	NA	NA	NA	NA
Pawnee	4147', -1907	4131', -1902	(-5)	4133', -1909	(-2)
Fort Scott	4215', -1975	4200', -1971	(-4)	4204', -1980	(+5)
Cherokee	4232', -1992	4215', -1986	(-6)	4218', -1994	(+2)
Mississippian	4321', -2081	4303', -2074	(-7)	4293', -2069	(-12)

Summary

The location for the Rothweiler #3 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. No drill stem tests were run due to lack of shows throughout the well. After all gathered data had been examined the decision was made to plug and abandon the Rothweiler #3 well.

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.