

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1070483

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 #	API No. 15
Name:	_ Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	County:
Name:	
Wellsite Geologist:	
Purchaser:	-
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
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:	Amount of Surface Pipe Set and Cemented at:
Operator:	_
Well Name:	Drilling Fluid Management Plan     (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWE	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East 🗌 West
ENHR         Permit #:           GSW         Permit #:	County: Permit #:
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	-

#### 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: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**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	rill Stem Tests Taken (Attach Additional Sheets)		No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	lectric Log Run lectric Log Submitted Electronically		No No No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In C		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Size: Set At:			At: Packer At: Liner Run:				No		
Date of First, Resumed F	ned Production, SWD or ENHR.			Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	Bbls. Gas		Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	SITION OF GAS:			METHOD OF COMPLETION:			PRODUCTION INTER	RVAL:		
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC	)-18.)		Other (Specify)	)					

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	B Schaben 4-34
Doc ID	1070483

# Tops

Name	Тор	Datum
Anhydrite	1488	781
Heebner	3782	-1513
Lansing	3826	-1557
ВКС	4152	-1883
Pawnee	4276	-2007
Ft. Scott	4320	-2051
Cherokee	4336	-2067
Mississippian	4411	-2142
RTD	4429	-2160

# ALLIED CEMENTING CO., LLC. 042311 Federal Tax 1.D.# 20-5975804

REMIT TO	P.O. BOX 3	1
a la constante de	RUSSELL,	KANSAS 6766

SERVICE POINT:

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ALLIED CEMENTING CO., LLC Cementing & Acidizing Services
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$\Theta^4$	CEMENTING		1			EIVIENTING LUG STAGE NO.
V		Acidizing Services				CEMENT DATA:
Date 17	l Distri	ct accut	Serlis T	icket No. 4123	11	Spacer Type: Fresh weather
Company Res	wrich, 1.1a	a sor 3.	<u> </u>	ig Setting and	<u>. 9 .</u> +	Amt. <u>5451</u> Sks Yieldft³/sk Density <u>834</u> <b>PPG</b>
Lease H32	KOAE		v	Vell No 2- 19	3	
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	EVZENST	Jan Harr	t 1			Excess
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the sta		Interme			ner 🗖	TAIL: Pump Time <u>Ibert on Anne</u> hrs. Type <u>Cluss H 3% cc</u>
Size <u>8.5/4</u>	Type	. <u>/</u> We	ight3 ź	<u>f</u> Collar <u>⊰</u> ∡	and	2. 6. 1 Excess 176 16 8 11 15
						Amt. 150 Sks Yield 134 ft 3/sk Density 152 PPG
			a		·····	WATER: Lead gals/sk Tail 6.31 gals/sk Total 23.25 Bbls.
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Casing Depths:	Top	ж. 	_ Bottom	<i>(</i> )		Pump Trucks Used 398 Share K
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CAPACITY FAC		1.U		Р.В. то	n.	Float Equip: Manufacturer
	Bbls/Lin. ft	.0637		ы. 13,70		Shoe: Type Depth
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\_\_\_\_\_PSI BLEEDBACK \_\_\_\_\_\_ BBLS.

THANK YOU

# ALLIED CEMENTING CO., LLC. 042315 Federal Tax 1.D.# 20-5975804

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

200 CM

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SERVICE POINT:

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# **Geological Report**

American Warrior, Inc. **B. Schaben #4-34** 1440' FNL & 2190' FWL Sec. 34 T19s R21w Ness County, Kansas



# American Warrior, Inc.

# **General Data**

Well Data:	American Warrior, Inc. B. Schaben #4-34 1440' FNL & 2190' FWL Sec. 34 T19s R21w Ness County, Kansas API # 15-135-25316-0000
Drilling Contractor:	Petromark Drilling, LLC Rig #1
Geologist:	Jason Alm
Spud Date:	December 7, 2011
Completion Date:	December 13, 2011
Elevation:	2263' Ground Level 2269' Kelly Bushing
Directions:	Bazine KS, East on Hwy 96 to GG road, South on HH road 6 mi. East ½ mi. South and West into location.
Casing:	223' 8 5/8" surface casing
Samples:	10' wet and dry, 3700' to RTD
Drilling Time:	3700' to RTD
Electric Logs:	None
Drillstem Tests:	None
Problems:	
	None

	American Warrior, Inc.
	B. Schaben #4-34
	Sec. 34 T19s R21w
Formation	1440' FNL & 2190' FWL
Anhydrite	1488', +781
Base	1522', +747
Heebner	3782', -1513
Lansing	3826', -1557
BKc	4152', -1883
Pawnee	4276', -2007
Fort Scott	4320', -2051
Cherokee	4336', -2067
Mississippian	4411', -2142
Osage	4424', -2155
RTD	4429', -2160

## **Formation Tops**

# **Sample Zone Descriptions**

### Mississippian Osage (4424', -2155):

Dolo –  $\Delta$  – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, very weathered with excellent vuggy porosity, very light scattered tarry oil stain, no show of free oil, very light odor, dull scattered fluorescents, 9 units hotwire.

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	B. Schaben #4-34	B. Schaben #1-34		Pittenger #1	
	Sec. 34 T19s R21w	Sec. 34 T19s R21w		Sec. 34 T19s R21w	
Formation	1440' FNL & 2190' FWL	900' FNL & 2195' FWL		1700' FNL & 2310 FEL	
Anhydrite	1488', +781	1490', +783	(-2)	1492', +785	(-4)
Base	1522', +747	NA	NA	NA	NA
Heebner	3782', -1513	3781', -1508	(-5)	3786', -1509	(-4)
Lansing	3826', -1557	3826', -1553	(-4)	3830', -1553	(-4)
BKc	4152', -1883	NA	NA	NA	NA
Pawnee	4276', -2007	4276', -2003	(-4)	NA	NA
Fort Scott	4320', -2051	4316', -2043	(-8)	4322', -2045	(-6)
Cherokee	4336', -2067	4332', -2059	(-8)	4339', -2062	(-5)
Mississippian	4411', -2142	4403', -2130	(-12)	4410', -2133	(-9)
Osage	4424', -2155	4403', -2130	(-25)	4410', -2133	(-22)

## **Structural Comparison**

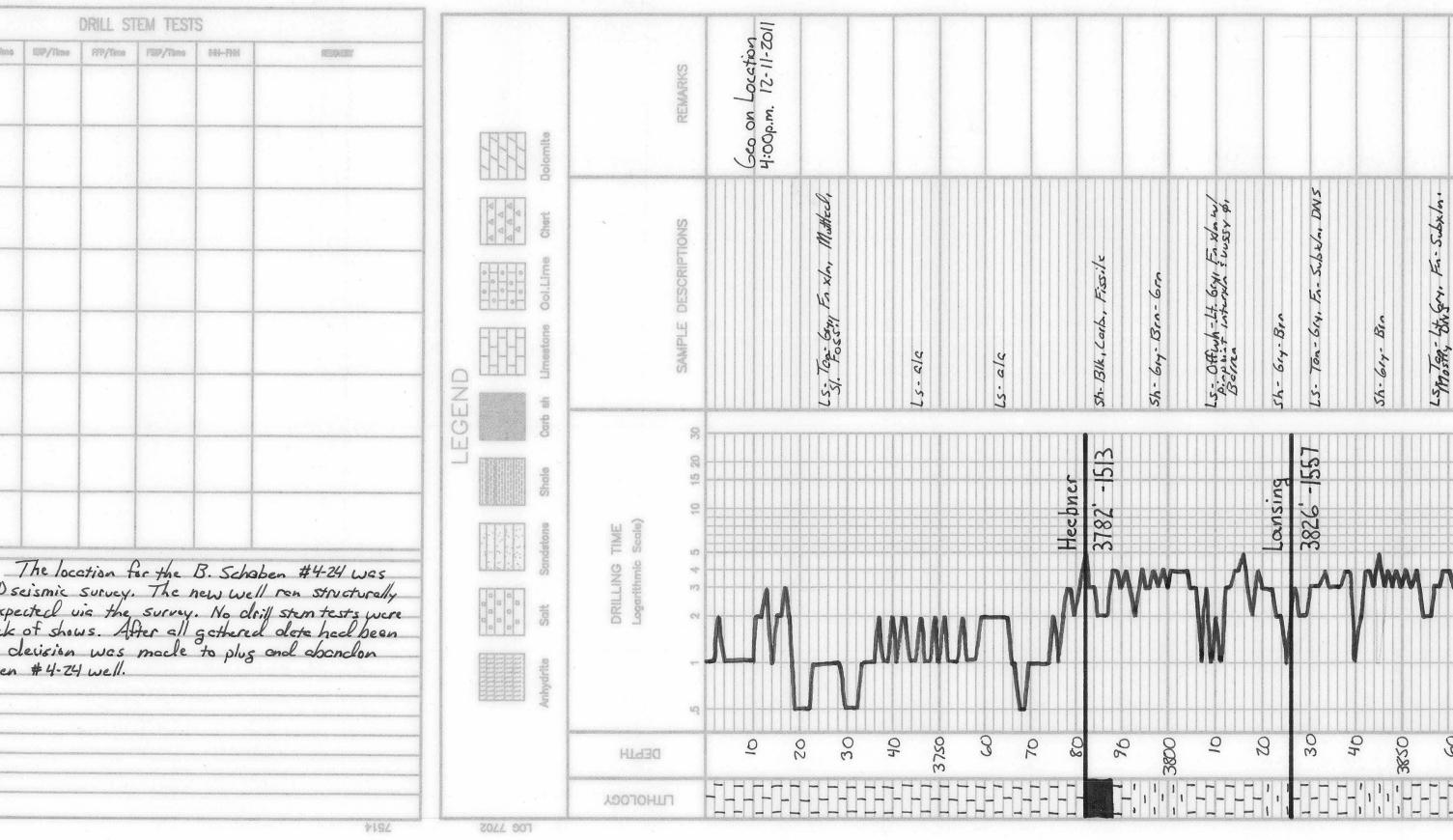
## **Summary**

The location for the B. Schaben #4-34 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. No drill stem tests were conducted. After all gathered data had been examined the decision was made to plug and abandon the B. Schaben #4-34 well.

Respectfully Submitted,

Jason T. Alm Hard Rock Consulting, Inc.

Hard Rock Consulting, I Jason Alm Petroleum Geologis		862	00904	- NO	SRE	UNE.	TWE	OSPIN OUT	RET	HOUDIS	No.	Interved	IFP/Time
P.O. Box 1260 Hays, KS 67601 API#1	5-135-25316-0000												
GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE L	.0G			++			****						
OPERATOR American Warrior, Inc. LEASE B. Schaben Well NO. 4-24 FIELD Corsair LOCATION 1440' FNL & 2190' FWL SEC. 34 TWP. 195 RGE 21 W	ELEVATION KB_2269' DF_ GL_2263' Measurements Are All From Kelly Bushing												
COUNTY Ness STATE Kansas	CASING RECORD	PCREASER	INTERNIA.		10	internation of	969 969 		o <sup>LOS</sup> AGES	1565 S 17			
CONTRACTOR Petromark Drilling, LLC. Rig #1 COMM. 12-7-2011 COMP. 12-13-2011 RTD 4429' COMP. 12-13-2011 RTD 4429' COMP. 12-13-2011 RTD 700' TO RTD RTD 7700' TO RTD 2700' TO RTD	PRODUCTION None			х.									
SAMPLES EXAMINED FROM 3700' TO <u>RTD</u> GEOLOGICAL SUPERVISION FROM 3800' TO <u>RTD</u> MUD UP 3500' TOPE MUD <u>Chemical</u> FORMATION <u>LOG</u> <u>BATLIM</u> TOP DATUM COMP.	ELECTRICAL SURVEYS None			and a state of the									
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