

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

June 2009
KCC WICHITAForm Must Be Typed
Form must be Signed
All blanks must be Filled

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

OPERATOR: License # 4058	API No. 15 - 083-21, 658 - 00 - 00
Name: American Warrior, Inc	Spot Description: NW-NE-SE-NW
Address 1: P O Box 399	NW_NE_SE_NW Sec. 20 Twp. 23 S. R. 24 ☐ East  West
Address 2:	1,610 Feet from North in Line of Section
City: Garden City State: KS Zip: 67846 +	2,290 Feet from West Line of Section
Contact Person: Kevin Wiles, Sr	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 275-2963	NE □NW ☑SE □SW
CONTRACTOR: License # _5929	County: Hodgeman
Name: Duke Drilling Co	Lease Name: Schroeder Well #: 1-20
Wellsite Geologist: Jason Alm/Marc Downing	Field Name: Wildcat
Purchaser: N/A	Producing Formation: N/A
Designate Type of Completion:   ✓ New Well Re-Entry Workover	Elevation: Ground: 2417' Kelly Bushing: 2425'  Total Depth: 4717' Plug Back Total Depth: N/A
Oil       WSW       SWD       SIOW         Gas       ✓ D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: 227 Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Original Total Depth: Original Total Depth: Original Total Depth: Onv. to SWD	(Data must be collected from the Reserve Pit)  Chloride content: 19,000 ppm Fluid volume: 85 bbls  Dewatering method used: EVAPORATION
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 #:	Quarter Sec TwpS. R
ENHR Permit #:	
GSW Permit #:	County: Permit #:
7/20/10 7/25/10	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or co	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information

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: Hill			
Title: Grologist	Date:	8/30/10	

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT [] I [] III Approved by: DQ Date: 4(2)[O
1

#### Side Two

Operator Name: Ame	rican Warrior, Inc	<u> </u>	Lease l	Name: _	Schroeder		Well #: <u>1-</u> 2	20	
Sec. 20 Twp.23	s. R. <u>24</u>	☐ East 🗸 West	County	: Hodg	geman				
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates line Logs surveyed. At	ed, flowing and shut- s if gas to surface tes	in pressures, whether s t, along with final chart(	hut-in press	sure read	ched static level,	hydrostatic p	ressures, bottom	hole tempe	erature, fluid
Drill Stem Tests Taken (Attach Additional St	neets)	☐ Yes 📝 No			og Formation	n (Top), Dept	h and Datum	<b>√</b> s	ample
Samples Sent to Geolo Cores Taken Electric Log Run Electric Log Submitted		☐ Yes			Corral Stone Corral	ECEIVE	Top 1619' 1657' D 3968'	+8 +7	
(If no, Submit Copy) List All E. Logs Run:	Licentificany			Lansin Ft Sco	ott Ikee <b>KC</b>	UG 3 1 2 C WICH	4553	-21 -21	602 134 153 283
		CASING	RECORD	Missis			4702	-22	:03
		Report all strings set-				on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement			nd Percent Iditives
Surface	12-1/4" {	8-5/8"	23		227'	Class A	260	3%cc29	%gel
									<del></del>
		ADDITIONAL	. CEMENTIN	 NG / SQL	JEEZE RECORD	I	I		
Purpose: Depth Top Bottom		Type of Cement # Sack		cks 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						ment Squeeze Recor of Material Used)	rd	Depth	
			<del> </del>						
TUBING RECORD:	Size:	Set At:	Packer Al	t:	Liner Run:	Yes	] No		
Date of First, Resumed P	roduction, SWD or ENH	R. Producing Meth	nod:	g 🗆	Gas Lift 0	ther (Explain) _			
		Mcf	Wate	er Bi	ols.	Gas-Oil Ratio		Gravity	
DISPOSITIO	N OF GAS:		METHOD OF	COMPLE	ETION:		PRODUCTI	ON INTERV	'AL:
Vented Sold	Used on Lease		Perf.	Dually (Submit )		nmingled nit ACO-4)			
(ii veilled, Subii		Other (Specify)							

# **Geological Report**

American Warrior Inc.
Schroeder #1-20
1610' FNL & 2290' FWL
Sec. 20 T23S R24W
Hodgeman County, Kansas

Marc Downing Consulting Petroleum Geologist

American Warrior, Inc.

AUG 3 1 2010

KCC WICHITA

#### **General Data**

Well Data:

American Warrior Inc.

Schroeder #1-20

1610' FNL & 2290' FWL

Sec. 20-23s-24w

Hodgeman County, Kansas API # 15-083-21658-0000

**Drilling Contractor:** 

Duke Drilling, Rig #8

Spud Date:

July 20, 2010

Completion Date:

July 25, 2010

Elevation:

2411' Ground Level

2419' Kelly Bushing

Directions:

Jetmore, KS, 5 mi west, 3 ½ mi south, east into

Casing:

227' 8 5/8" surface casing

Samples:

10' wet and dry, 3950' to RTD

Drilling Time:

3850' to RTD

Electric Logs:

None

Drillstem Tests:

None

Problems:

None

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### **Formation Tops**

	American Warrior, Inc.
	Schroeder #1-20
	Sec. 20 T23S R24W
<b>Formation</b>	1610' FNL & 2290' FWL
Anhydrite	1619' (+800)
Base Anhydrite	1657' (+762)
Heebner	3968' (-1549)
Lansing	4021' (-1602)
Stark Sh.	4322' (-1903)
BKC	4433' (-2014)
Marmaton	4456' (-2037)
Fort Scott	4553' (-2134)
Cherokee Sh.	4572' (-2153)
Mississippi	4702' (-2283)
RTD	4717'

#### **Sample Zone Descriptions**

#### Mississippi 4702 (-2283):

Dolo: white, fine sucrosic crystalline, dense w/ no visible porosity, no show. Turning fair inter-crystalline porosity w/ few vugs, rocks chalky. Totally barren, no odor, no fluorescence.

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#### **Drill Stem Tests**

None .

## **Structural Comparison**

	American Warrior, Inc.	Berren Corp/Berexco
	Schroeder #1-20	Bentley "C" #1
	1610' FNL & 2290' FWL	SE-NE-SE
	Hodgeman Co., KS	Hodgeman Co., KS
	15-083-21658-0000	15-083-21068-0000
Formation		
Anhydrite	1619' (+800)	(+818) -18
Base Anhydrite	1657' (+762)	NA
Heebner	3968' (-1549)	(-1534) -15
Lansing	4021' (-1602)	(-1586) -16
Stark Sh.	4322' (-1903)	(-1798) -7
BKC	4433' (-2014)	(-2006) -8
Marmaton	4456' (-2037)	(-2029) -8
Fort Scott	4553' (-2134)	(-2127) -7
Cherokee Sh.	4572' (-2153)	(-2144) -9
Mississippi	4702' (-2283)	(-2256) -27

### Summary

Due to structural position and lack of sample shows in the Mississippian, it was decided plug and abandon the test well.

#### **Recommended Perforations**

None

Respectfully Submitted,

Marc Downing

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ALLIED CEMENTING CO., LLC. KEMIT TO P.O. BOX 31 **SERVICE POINT: RUSSELL, KANSAS 67665** Marie JOB FINISH SEC. TWP. RANGE CALLED OUT ON LOCATION JOB START DATE 1720/C 2:00 F 24, 20 205 230 Pm COUNTY STATE LEASEShoweden LOCATION Jetmone WELL #/-2/) OLD OR NEW (Circle one) CONTRACTOR Dute #8 **OWNER** TYPE OF JOB Sunface CEMENT HOLE SIZE / スゾ」 T.D. AMOUNT ORDERED 160 5x A + 3/1 + 21 CASING SIZE 🔅 DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL\_ **DEPTH** PRES. MAX 2010 **MINIMUM** COMMON MEAS. LINE **POZMIX** @ CEMENT LEFT IN CSG. GEL :@ PERFS. CHLORIDE @. ASC @ **EQUIPMENT** @ RECEIVED @ **PUMP TRUCK** CEMENTER D. FOR AUG 3 1 2010 @ #471-302 HELPER R. Giller @ **BULK TRUCK** @ KCC WICHITA #31.3-250 @ **BULK TRUCK** @ DRIVER HANDLING 169 MILEAGE \_ **REMARKS:** TOTAL. SERVICE DEPTH OF JOB Slar PUMP TRUCK CHARGE **EXTRA FOOTAGE** @ MILEAGE \_\_\_ @ MANIFOLD Headeente @ @ @ CHARGE TO: Amazican Wardin TOTAL 1/93 Date Post-it<sup>®</sup> Fax Note 7671 # of From PLUG & FLOAT EQUIPMENT Co./Dept. Co. Phone # Phone # **@** Fax #620-275-5067 Fax # @ @ @ 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

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## ALLIED CEMENTING CO 036783

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PEMITTO PO POY 11	-		
REMITTO PO BOX 31		SERVICE POINT:	

G-= 47 B4-TK2 SEC. TWP. RANGE CALLED OUT JOB START ON LOCATION DATE 7-26-16 JOB FINISH <u> 20</u> 202 24-930 Am COUNTY STATE LEASE S= 1-20 LOCATION SET-LUS S ~ =>4 HOWSE 45 OLD OR NEW (Circle one) Th 213 250mly East : ~ TO ,03 CONTRACTOR DUYC OWNER AMERICA TYPE OF JOB ROTON Plug 4717 T.D. **CEMENT** CASING SIZE DEPTH AMOUNT ORDERED 2705x 60/40 4% TUBING SIZE DEPTH 1 flo 5 eal DRILL PIPE サカ DEPTH 1650 TOOL DEPTH PRES. MAX <u>MINIMUM</u> COMMON 1282. @ 13.50 MEAS. LINE V040 SHOE JOINT **POZMIX** @\_**7.5**5 664. CEMENT LEFT IN CSG. @ 70.25 162.00 GEL PERFS. CHLORIDE ASC\_\_\_\_\_\_ DISPLACEMENT @ 2.45 **EQUIPMENT @** RECEIVED **PUMP TRUCK** CEMENTER Way - - - D @ AUG 3 1 2010 HELPER AIVIN - R 131 @ BULK TRUCK @ DRIVER Bob - R 344 KCC WICHITA @ BULK TRUCK @ DRIVER HANDLING 220 MILEAGE 220 x 32 x 495. 00 707.00 .10 TOTAL 3.942,55 REMARKS: 2143.15 22 M1 x 5034 **SERVICE** Bud Plus 810 Mix SOSX D & 6 BB13 M14503X DEPTH OF JOB 1650 ma 60 mix 205x Dis . 25 PUMP TRUCK CHARGE 990,00 MBYDE hole EXTRA FOOTAGE\_ @ MILEAGE 32 @ 7.00 MANIFOLD\_ @ @ @ 2413-CHARGE TO: <u>Amevican</u> TOTAL 12/1 STREET 384,13 ZIP\_ STATE\_ PLUG & FLOAT EQUIPMENT @ (a) To Allied Cementing Co., LLC. @ @ TOTAL 5156,15

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 peverse side.

PRINTED NAME\_

TOTAL CHARGES 5186. 25 DISCOUNT. IF PAID IN 30 DAYS

SALES TAX (If Any).