

Kansas Corporation Commission Oil & Gas Conservation Division

1082001

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:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
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.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
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 SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Operator Name:
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 III Approved by: Date:

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually (nmingled mit ACO-4)			

Form	ACO1 - Well Completion			
Operator	American Warrior, Inc.			
Well Name	V Strecker 4-6			
Doc ID	1082001			

Tops

Name	Тор	Datum
Anhydrite	1421	766
Heebner	3655	-1468
Lansing	3701	-1514
Base Kansas City	4026	-1839
Pawnee	4105	-1918
Ft. Scott	4184	-1997
Cherokee	4202	-2015
Mississippian	4272	-2085
TD	4297	-2110



FINAL DISP. PRESS: ___

MILLER PRINTERS, INC. - Great Bond, KS

_____ PSI BUMP PLUG TO ___

Y ₂	_	Acidizing Services	•			CEMENT DATA:		
Date			TI	icket No. 36	174	Spacer Type:		
Company	maricas		Or R	ig / 2 / 1 / 25 m		Amt Sks Yield	ft ³ /sk Density	PPG
Lease	5/100	cer	v	Vell No. 4/5	<u>6</u>			
County	Ness		S	tate KS				
Location	6-19	.21	Fi	eld		LEAD: Pump Time	hrs. Type Com	3200
Bazi	ne a 5	18,2	NAG	N. 5 amy	<u> </u>	2929~1	Evones	
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		Intermed			ner 🔲	TAIL: Pump Time	/ OK DOI Sity	
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						Amt Sks Yield		
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Casing Depths:	Top		_ Bottom	22398		. d p . r doi d e e e e	11-en	
						Bulk Equip	Done	
Drill Pipe: Size		Weight		Collars				
Open Hole: Size	12/4	T.D. 🚅	222 ft 1	P.B. to	ft.	Float Equip: Manufacturer		
CAPACITY FAC						Shoe: Type		
Casing:	Rhks/lin.ft	,0637) lin ft /B	Ы		Float: Type		
Open Holes:				Ы		Centralizers: Quantity Plugs To	•	
•	· .		•				•	
Drill Pipe:	-		•	bl		Stage Collars		
Annulus:	· ·		-	bl		Special Equip.	1224	
				bl		Disp. Fluid Type (a) a for	Amt. Bbls. Weight	PPG
Perforations:	From	ft. to		ft. Amt	7.4	Mud Type		PPG
COMPANY REF	PRESENTATIVE					CEMENTER La ROUS		
TIME	PRESSU	RES PSI	FLU	JID PUMPED [DATA			
AM/PM	DRILL PIPE	ANNULUS	TOTAL	Pumped Per	RATE	REM	MARKS	
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___PSI BLEEDBACK _____

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THANK YOU

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ALLIED CEMENTING CO., LLC. 042427

Federal Tex 15, #264975804

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SIGNATURE XX

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Geological Report

American Warrior, Inc.

V. Strecker #4-6
880' FNL & 2090' FEL
Sec.6 T19s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American	Warrior,	Inc.
Well Data.	7 tiller leali	wairor,	m.

V. Strecker #4-6

880' FNL & 2090' FEL Sec. 6 T19s R21w Ness County, Kansas API # 15-135-25340-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: January 30, 2012

Completion Date: February 6, 2012

Elevation: 2181' Ground Level

2187' Kelly Bushing

Directions: Bazine KS, South on DD Rd. to 110 Rd. East 1 mi.

to EE Rd. North to Curve, ½ mi. West, North into

location.

Casing: 223' 8 5/8" surface casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jeff Brown"

Problems: None

Remarks: Rig was 32 ft. short of board. Error in tally was

made after tripping out of and into the hole to work

on mud pump.

Formation Tops

	A 337 T
	American Warrior, Inc.
	V. Strecker #4-6
	Sec. 6 T19s R21w
Formation	880' FNL & 2090' FEL
Anhydrite	1421', +766
Base	1453', +734
Heebner	3655', -1468
Lansing	3701', -1514
BKc	4026', -1839
Pawnee	4105', -1918
Fort Scott	4184', -1997
Cherokee	4202', -2015
Mississippian	4272', -2085
Osage	4292', -2105
RTD	4297', -2110

Sample Zone Descriptions

Mississippian Osage (4292', -2105'): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline dolomite with poor to fair vuggy porosity, very heavy tripolitic chert, weathered with good vuggy porosity, light oil stain in porosity, slight show of free oil, dull to fair yellow cut fluorescents, good odor, 25 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jeff Brown"

DST #1 <u>Mississippian Osage</u>

Interval (4289' – 4297') Anchor Length 8'

IHP - 2129 #

IFP	-45" – Built to 10 ½ in.	24-93 #
ISI	– 45" – W.S.B.	1272 #
FFP	-45" – Built to 10 ½ in.	96-138 #
FSI	-45 " – Built to $\frac{3}{4}$ in.	1266 #

FHP - 2091 # BHT - 120°F

Recovery: 73' GIP

20' CGO

63' SOCMW 5% Oil, 55% Water

182' MW w/ oil scum

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		Abercrombie Drilling Inc.	
	V. Strecker #4-6	V. Strecker #2-6		Strecker B #1	
	Sec. 6 T19s R21w	Sec. 6 T19s R21w		Sec. 6 T19s R21w	
Formation	880' FNL & 2090' FEL	1050' FNL & 1970' FEL		C NW NE	
Anhydrite	1421', +766	1416', +772	(-6)	1424', +759	(+7)
Base	1453', +734	NA	NA	1454', +729	(+5)
Heebner	3655', -1468	3650', -1462	(-6)	3652', -1469	(+1)
Lansing	3701', -1514	3696', -1508	(-6)	3698', -1515	(+1)
BKc	4026', -1839	NA	NA	NA	NA
Pawnee	4105', -1918	4101', -1913	(-5)	NA	NA
Fort Scott	4184', -1997	4179', -1991	(-6)	4184', -2001	(+4)
Cherokee	4202', -2015	4196', -2008	(-7)	4200', -2017	(+2)
Mississippian	4272', -2085	4276', -2088	(+3)	NA	NA
Osage	4292', -2105	4293', -2105	FL	4290', -2107	(+2)

Summary

The location for the V. Strecker #4-6 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered non-commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to plug and abandon the V. Strecker #4-6 well.

Respectfully Submitted,

Jason T. Alm Hard Rock Consulting, Inc.

Geological Report

American Warrior, Inc.

V. Strecker #4-6
880' FNL & 2090' FEL
Sec.6 T19s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American	Warrior,	Inc.
Well Data:	American	Warrior,	In

V. Strecker #4-6

880' FNL & 2090' FEL Sec. 6 T19s R21w Ness County, Kansas API # 15-135-25340-0000

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Casing: 223' 8 5/8" surface casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jeff Brown"

Problems: None

Remarks: Rig was 32 ft. short of board. Error in tally was

made after tripping out of and into the hole to work

on mud pump.

Formation Tops

	A 337 T
	American Warrior, Inc.
	V. Strecker #4-6
	Sec. 6 T19s R21w
Formation	880' FNL & 2090' FEL
Anhydrite	1421', +766
Base	1453', +734
Heebner	3655', -1468
Lansing	3701', -1514
BKc	4026', -1839
Pawnee	4105', -1918
Fort Scott	4184', -1997
Cherokee	4202', -2015
Mississippian	4272', -2085
Osage	4292', -2105
RTD	4297', -2110

Sample Zone Descriptions

Mississippian Osage (4292', -2105'): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline dolomite with poor to fair vuggy porosity, very heavy tripolitic chert, weathered with good vuggy porosity, light oil stain in porosity, slight show of free oil, dull to fair yellow cut fluorescents, good odor, 25 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jeff Brown"

DST #1 <u>Mississippian Osage</u>

Interval (4289' – 4297') Anchor Length 8'

IHP - 2129 #

IFP	-45" – Built to 10 ½ in.	24-93 #
ISI	– 45" – W.S.B.	1272 #
FFP	-45" – Built to 10 ½ in.	96-138 #
FSI	-45 " – Built to $\frac{3}{4}$ in.	1266 #

FHP - 2091 # BHT - 120°F

Recovery: 73' GIP

20' CGO

63' SOCMW 5% Oil, 55% Water

182' MW w/ oil scum

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		Abercrombie Drilling Inc.	
	V. Strecker #4-6	V. Strecker #2-6		Strecker B #1	
	Sec. 6 T19s R21w	Sec. 6 T19s R21w		Sec. 6 T19s R21w	
Formation	880' FNL & 2090' FEL	1050' FNL & 1970' FEL		C NW NE	
Anhydrite	1421', +766	1416', +772	(-6)	1424', +759	(+7)
Base	1453', +734	NA	NA	1454', +729	(+5)
Heebner	3655', -1468	3650', -1462	(-6)	3652', -1469	(+1)
Lansing	3701', -1514	3696', -1508	(-6)	3698', -1515	(+1)
BKc	4026', -1839	NA	NA	NA	NA
Pawnee	4105', -1918	4101', -1913	(-5)	NA	NA
Fort Scott	4184', -1997	4179', -1991	(-6)	4184', -2001	(+4)
Cherokee	4202', -2015	4196', -2008	(-7)	4200', -2017	(+2)
Mississippian	4272', -2085	4276', -2088	(+3)	NA	NA
Osage	4292', -2105	4293', -2105	FL	4290', -2107	(+2)

Summary

The location for the V. Strecker #4-6 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered non-commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to plug and abandon the V. Strecker #4-6 well.

Respectfully Submitted,

Jason T. Alm Hard Rock Consulting, Inc.

Hard Rock Consulting, Inc.	DATE DEPTH ING SIZE MAKE TYPE EXPTH GUT PEET HOUSES	DRILL STEM TESTS			45" 45"
Jason Alm Petroleum Geologist P.O. Box 1260		No. Interval ISP/Time ISIP/Time PSP/Time 646-5161 (ECONOMY			3.5 5.5 #5 #5 #5 #6 #5 wor
Hays, KS 67601 API# 15-135-25351-000					25.55. 4.45. 4.55. 5.55.
GEOLOGIST'S REPORT			INDI 3		O 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
DRILLING TIME AND SAMPLE LOG			olomi		上 上 上 上 上 上 正 五 五 五 五 五 五 五 五 五 五 五 五 五
American Warrior, Inc. ELEVATION			TATAL 1		\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
recker Well No. 7-6 KB C140			Chert		THE SECTION OF THE SE
687' FSL: 650' FWL GL ZI34'	All				
TWP. 198 RGE 21 W From Kelly Bush	ning				
ess state Kansas Casing record	PORNOCHOM SHEEVAL DESEMPTION OF SHOW LOSS ANNAYSING				
tromark Drilling, LLc. Ris #1	3'		mesto		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10/2 COMP 4-18-2012 PRODUCTION 5/12"@4	1259'	E E			
OM 3900' TO RTD T FROM 3500' TO RTD			Sarbs		
FROM 3900' TO RTD FLECTRICAL SLIEVEY	VS.				225 Pe 10 Pe 10 25 25 25 25 25 25 25 25 25 25 25 25 25
TYPE MUD Chemica/			Shall		
TOP DATUM TOP DATUM COMP.					25 of
1378'+76Z -6 1412'+7Z8 -4 T195 R	71	The last of the Control of the Contr	TIM Soo		
		found via 3-D seismic survey. The new well ran structurally	N N N N N N N N N N N N N N N N N N N	MAN A MANAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	1.A -M MA, AM -M -AN
3664'-1524 - 7 3989'-1849 - 2		as expected via the survey. Two drill stem tests were	DRIII Saft	MAN A MANAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	MWW TWO THE
3616'-1477 - 6 3664'-1524 - 7 3989'-1849 - 2 4066'-1926 + 1 41146'-2006 FL 4165'-2025 + 1 4246'-2106 - 3		oil from the Mississippian Osage Formation. After all	EBEEE 0	I TOWN TO THE WAY OF THE WAY WITH THE WAY WITH THE WAY OF THE WAY	
4246-2106-3		to run 5/2 inch production casing to further euclycle the			
41260'-2120 Loc.		for run 51/2 inch production casing to further evaluate the Strecker #4-6 well. Respect fully Submitted.	2		
			HLd30	5 5 8 5 8 5 8 5 8 8 8 8 8 8 8 8 8 8 8 8	2
FOR STRUCTURAL COMPARISON American Warrior, Inc. #2-6 2310'FSL & 1500' FWL Sec. 6 7795 RZIW		Javan T. Ah. 4-18-2012			
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