Geological Report

American Warrior Inc.
Fritzler #3
335' FSL & 967' FEL
Sec. 3 T23s R24w
Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Fritzler #3 335' FSL & 967' FEL Sec. 3 T23s R24w Hodgeman County, Kansas API # 15-083-21906-0000
Drilling Contractor:	Duke Drilling Co. Rig #5
Geologist:	Jason T Alm
Spud Date:	April 11, 2014
Completion Date:	April 18, 2014
Elevation:	2298' Ground Level 2309' Kelly Bushing
Directions:	Jetmore KS, West 2 mi. South 1 mi. West 1/8 mi. North into location
Casing:	221' 8 5/8" surface casing 4639' 5 1/2" production casing
Samples:	10' wet and dry, 4200' to RTD
Drilling Time:	3700' to RTD
Electric Logs:	Pioneer Energy Services "Chris Desaire" CNL/CDL, DIL, MEL
Drillstem Tests:	One, Trilobite Testing, Inc. "Brannan Lonsdale"
Problems:	None
Remarks:	None

Formation Tops

	American Warrior, Inc.		
	Fritzler #3		
	Sec. 3 T23s R24w		
Formation	335' FSL & 967' FEL		
Anhydrite	1494', +815		
Base	1527', +782		
Heebner	3826', -1517		
Lansing	3873', -1564		
BKc	4287', -1978		
Marmaton	4309', -2000		
Pawnee	4403', -2094		
Fort Scott	4440', -2131		
Cherokee	4465', -2156		
Miss Rework	4544', -2235		
Mississippian	4550', -2241		
LTD	4640', -2331		
RTD	4640', -2331		

Sample Zone Descriptions

Miss Rework (4544', -2235): Covered in DST #1

Dolo – Fine to sub-crystalline with poor vuggy porosity, light to fair oil stain and saturation in porosity, slight show of free oil, "Dirty", reworked, 34 unit hotwire.

Mississippian (4550', -2241): Covered in DST #1

Dolo – Fine to medium crystalline with fair to good vuggy and scattered inter-crystalline porosity, light to very good oil stain and saturation, fair show of free oil, good odor, bright yellow fluorescents in dry sample, 70 units hotwire.

Drill Stem Tests

Trilobite Testing Inc. "Brannan Lonsdale"

DST #1 <u>Mississippian</u>

Interval (4485' – 4561') Anchor Length 76'

IHP – 2299 #

IFP - 15" - B.O.B. 1 min. 186-272 # ISI - 30" - Built to 3 in. 1131 # FFP - 15" - B.O.B. 2 min. 311-372 # FSI - 30" - Built to 4 in. 1096 #

FHP - 2259 # BHT - 122°F

Recovery: GTS during ISI, TSTM

100' OCM 30% Oil 200' GMCO 60% Oil

700' MWCO 70% Oil, 15% Water

Structural Comparison

	American Warrior, Inc.	American Energies Corp.	Pickrell Drilling Co.		
	Fritzler #3	Sinclair #1	Sinclair A #1		
	Sec. 3 T23s R24w	Sec. 3 T23s R24w Sec. 3 T23s R24w			
Formation	335' FSL & 967' FEL	C SE SE	C SW SE		
Anhydrite	1494', +815	NA	NA	NA	NA
Base	1527', +782	NA	NA	NA	NA
Heebner	3826', -1517	3818', -1517	FL	3851', -1528	(+11)
Lansing	3873', -1564	3867', -1566	(+2)	3898', -1575	(+11)
BKc	4287', -1978	4280', -1979	(+1)	NA	NA
Marmaton	4309', -2000	4302', -2001	(+1)	NA	NA
Pawnee	4403', -2094	4401', -2100	(+6)	NA	NA
Fort Scott	4440', -2131	4435', -2134	(+3)	NA	NA
Cherokee	4465', -2156	4482', -2159	(+3)	NA	NA
Miss Rework	4544', -2235	4544', -2243	(+8)	NA	NA
Mississippian	4550', -2241	4548', -2247	(+6)	4578', -2255	(+14)

Summary

The location for the Fritzler #3 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 commercial amounts of oil from the Mississippian Warsaw Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Fritzler #3 well.

Recommended Perforations

Primary Mississippian Warsaw	(4550' – 4554')	DST #1
Secondary Miss Reworked	(4544' – 4547')	DST #1
Perf and Squeeze	(4564' – 4565')	

I have chosen not to shoot the reworked zone directly above the Miss initially due to it looking very dirty in sample. The Micro-log shows good permeability throughout the interval but I am afraid that it may swell. The fluid recovery of the DST came from the true Mississippian section.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.