Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**	Elevation KB	2258'
Lease	**Williams**	No. **12**	DF
API #	**15-135-25904-0000**	GL	2250'
Field	**Schaben**	Casing Record Surface	8 5/8" @ 228'
Location	**1550' FNL & 1980' FWL**	Production	5 1/2" @ 4376'
Sec.	**36** Twp. **19s** Rge. **22w**	Electrical Surveys	None
County	**Ness** State **Kansas**		

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1475' +783	-1
Base		1507' +751	
Heebner		3722' -1464	+14
Lansing		3772' -1514	+12
BKc		4084' -1826	
Pawnee		4192' -1934	+14
Fort Scott		4271' -2013	+13
Cherokee		4294' -2036	+14
Mississippian		4361' -2103	+16
Total Depth		4376' -2118	

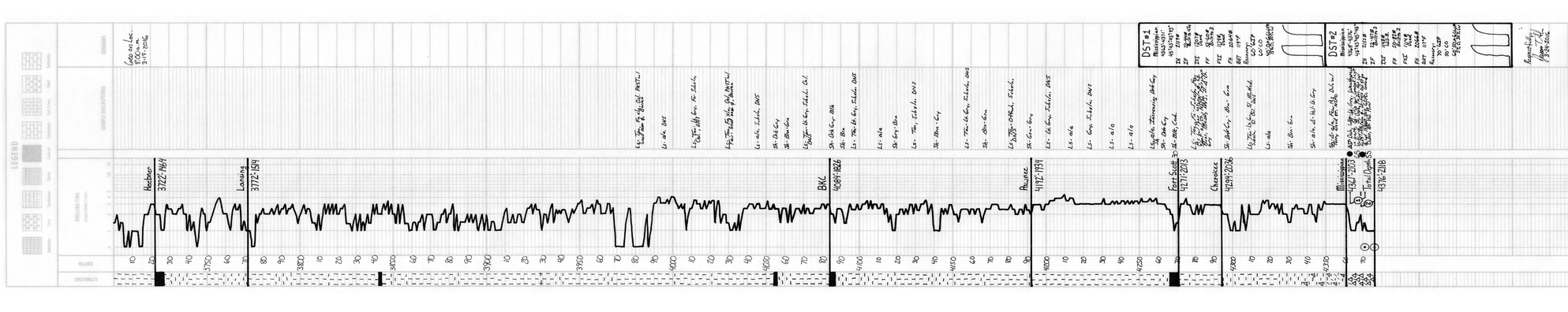
Reference Well For Structural Comparison **American Warrior, Inc. Williams #11**
1550' FNL & 1980' FWL Sec. 36 T19s R22w Ness Co. Kansas

Drilling Contractor	**Discovery Drilling Co. Inc.**	**Rig #3**	
Commenced	**3-14-2016**	Completed	**3-21-2016**
Samples Saved From	4000'	To	RTD
Drilling Time Kept From	3700'	To	RTD
Samples Examined From	4000'	To	RTD
Geological Supervision From	4000'	To	RTD

Displacement **3600'** Mud Type **Chemical**

Summary and Recommendations

The location for the Williams #12 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted, both of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Williams #12 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.