Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**		Elevation 2159' KB / DF / GL 2151'
Lease	**Marlin**	No. **1-32**	Casing Record Surface 8 5/8" @ 221' Production 5 1/2" @ 4264'
API #	**15-135-25801-0000**		
Field	**Bazine**		
Location	**2290' FNL & 1610' FEL**		Electrical Surveys None
Sec.	**32**	Twp. **18s** Rge. **21w**	
County	**Ness**	State **Kansas**	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1391' +768	-4
Base		1422' +737	
Heebner		3623' -1464	+4
Lansing		3671' -1512	+4
BKc		3993' -1834	+6
Pawnee		4074' -1915	+3
Fort Scott		4149' -1990	+6
Cherokee		4164' -2005	+7
Mississippian		4239' -2080	-2
Osage		4247' -2088	+6
Total Depth		4265' -2106	

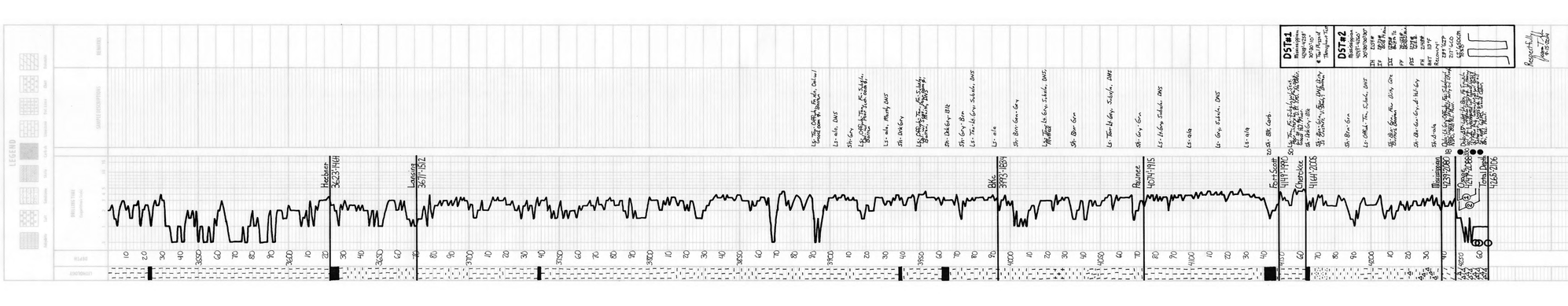
Reference Well For Structural Comparison: **DNB Drilling, Inc. Schnipp #2**
C S/2 NE/4 Sec. 32 T18s R21w Ness Co. Kansas

Drilling Contractor	Discovery Drilling Co. Inc. Rig #3				
Commenced	9-8-2014	Completed	9-14-2014		
Samples Saved From	3900'	To	RTD		
Drilling Time Kept From	3500'	To	RTD		
Samples Examined From	3900'	To	RTD		
Geological Supervision From	3900'	To	RTD		

Displacement **3500'** Mud Type **Chemical**

Summary and Recommendations

The location for the Marlin #1-32 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted, one 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 Marlin #1-32 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.