Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**		Elevation
Lease	**BCB Unit**	No. **1**	KB **2233'** DF GL **2227'**
API #	**15-135-25761-0000**		Casing Record Surface **8 5/8" @ 221'** Production **5 1/2" @ 4317'**
Field	**Schoolhouse North**		
Location	**1150' FSL & 220' FWL**		Electrical Surveys CNL/CDL, DIL
Sec. **20**	Twp. **17s**	Rge. **21w**	
County	**Ness**	State **Kansas**	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1529' +704	1533' +700	FL
Base	1564' +669	1566' +667	+5
Heebner	3688' -1455	3690' -1457	-4
Lansing	3732' -1499	3736' -1503	-4
Bkc	4005' -1772	4011' -1778	-3
Pawnee	4108' -1875	4111' -1878	-9
Fort Scott	4191' -1958	4194' -1961	-12
Cherokee	4206' -1973	4210' -1977	-10
Mississippian	4293' -2060	4296' -2057	-17
Total Depth	4318' -2085	4320' -2087	

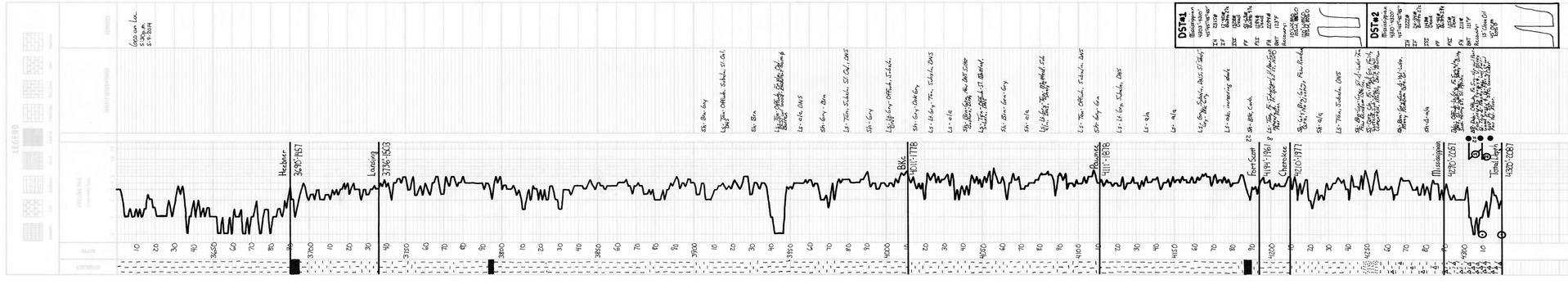
Reference Well For Structural Comparison **ARES Energy Brenner #20-12**
1555' FSL & 1139' FWL Sec. 20 T17S R21w Ness Co. Kansas

Drilling Contractor	**Petromark Drilling, LLC.**		**Rig #1**
Commenced	**5-4-2014**	Completed	**5-12-2014**
Samples Saved From	**3900'**	To	RTD
Drilling Time Kept From	**3600'**	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 BCB Unit #1 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 BCB Unit #1 well.

Respectfully Submitted,

Jason T Ahn
Hard Rock Consulting, Inc.