Geologic Report

Drilling Time and Sample Log

Hard Rock Consulting, Inc.

Operator	**American Warrior, Inc.**		Elevation
Lease	**Ben Hinnergardt**	No. **4**	KB **2240'** DF GL **2234'**
API #	**15-135-25744-0000**		Casing Record Surface **8 5/8" @ 223'** Production **5 1/2" @ 4387'**
Field	**Ben**		
Location	**2310' FNL & 1700' FEL**		Electrical Surveys None
Sec. **12**	Twp. **20s**	Rge. **21w**	
County	**Ness**	State **Kansas**	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1438' +802	+2
Base		1465' +775	+1
Heebner		3751' -1511	+1
Lansing		3799' -1559	+1
Bkc		4135' -1895	+2
Pawnee		4260' -2020	+4
Fort Scott		4285' -2045	+4
Cherokee		4303' -2063	+5
Mississipian		4367' -2120	+29
Total Depth		4388' -2148	

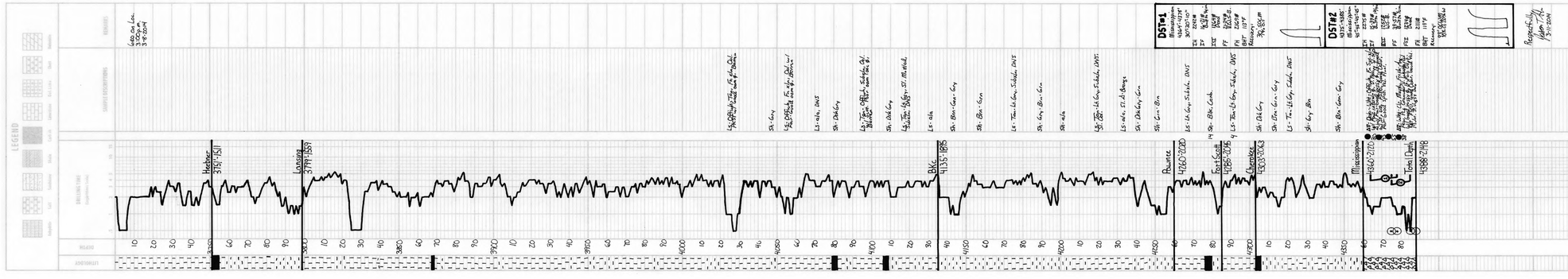
Reference Well For Structural Comparison **American Warrior, Inc. Ben Hinnergardt #4**
1750' FNL & 1275' FEL Sec. 12 T20s R21w Ness Co. Kansas

Drilling Contractor	**Petromark Drilling, LLC. Rig #1**		
Commenced	**3-3-2014**	Completed	**3-11-2014**
Samples Saved From	**4050'**	To	RTD
Drilling Time Kept From	**3700'**	To	RTD
Samples Examined From	**4050'**	To	RTD
Geological Supervision From	**4050'**	To	RTD

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

Summary and Recommendations

The location for the Ben Hinnergardt #4 was found via 3-D seismic survey. The new well ran structurally higher than expected. 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 Ben Hinnergardt #4 well.

Respectfully Submitted,

Jason T Alm
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