



# Geologic Report

Drilling Time and Sample Log

Operator <b>American Warrior, Inc.</b>		KB Elevation 2147'
Lease <b>Raymond</b> No. 1-21 Unit		DF 2141'
API # <b>15-135-25664-0000</b>		GL
Field <b>Wildcat</b>		Casing Record Surface 8 5/8" @ 228"
Location <b>2530' FSL &amp; 1680' FEL</b>		Production None
Sec. <b>21</b>	Twp. <b>18s</b>	Rge. <b>21w</b>
County <b>Ness</b>		State <b>Kansas</b>
Formation		Log Tops
Anhydrite Base		Sample Tops
Heebner		Struct Comp
Lansing		
BKc		
Pawnee		
Fort Scott		
Cherokee		
Mississippian		
Total Depth		

Drilling Contractor	Petromark Drilling, LLC. Rig #1		
Commenced	10-26-2013	Completed	11-3-2013
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 3400' Mud Type Chemical

### Summary and Recommendations

The location for the Raymond #1-21 Unit was found via 3-D seismic survey. The new well ran structurally as expected on all datums besides the Mississippian. One drill stem test was conducted which was negative. After all gathered data had been examined the decision was made to plug and abandon the Raymond #1-21 Unit well.

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.

Reference Well For Structural Comparison Ferguson Oil & Gas Clarence Foss #1  
C NW SW Sec. 21 T18s R21w Ness Co. Kansas

