Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**		Elevation KB 2144' DF GL 2136'
Lease	**Ryersee**	No. **2-36**	
API #	**15-135-25650-0000**		Casing Record Surface 8 5/8" @ 221' Production 5 1/2" @ 4208'
Field	**Ryersee**		
Location	**1550' FNL & 455' FWL**		Electrical Surveys CNL/CDL, DIL
Sec. **36**	Twp. **18s**	Rge. **21w**	
County	**Ness**	State **Kansas**	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1349' +795	1359' +785	
Base	1381' +763	1381' +763	
Heebner	3598' -1454	3598' -1454	-1
Lansing	3640' -1496	3642' -1498	-1
BKc	3957' -1813	3957' -1813	
Pawnee	4055' -1911	4055' -1911	
Fort Scott	4105' -1961	4109' -1965	-2
Cherokee	4120' -1976	4124' -1980	-3
Mississippian	4197' -2053	4197' -2053	+11
Total Depth	4209' -2065	4208' -2064	

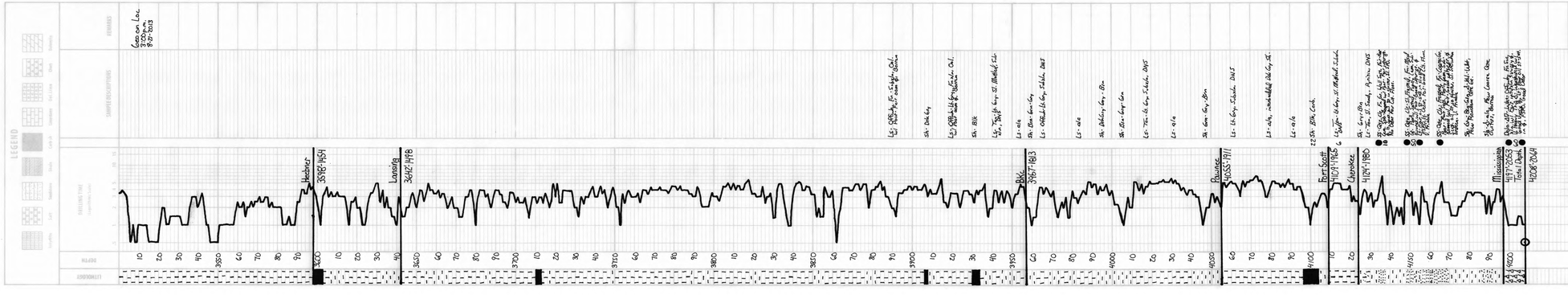
Reference Well For Structural Comparison **John Jay Darrah Jr. Ryersee #G**
3960' FSL & 4850' FEL Sec. 36 T18s R21w Ness Co. Kansas

Drilling Contractor	**Discovery Drilling Co. Inc.**		**Rig #3**
Commenced	**8-17-2013**	Completed	**8-24-2013**
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 Ryersee #2-36 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. No drill stem tests were conducted. Cherokee Sands and Mississippian Osage Formations looked good in samples and on electric logs. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Ryersee #2-36 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.