



Geologic Report

Drilling Time and Sample Log

Operator American Warrior, Inc.		KB Elevation 2127'
Lease Schniepp No. 4-31 NE		DF 2121'
API # 15-135-25609-0000		Casing Record Surface 8 5/8" @ 1383'
Field DeWald North		Production 5 1/2" @ 4239'
Location 1100' FNL & 1275' FEL		Electrical Surveys CNL/CDL, DIL
Sec. 31	Twp. 18s	Rge. 21w
County Ness	State Kansas	
Formation	Log Tops	Sample Tops
Anhydrite	1369' +758	1368' +759
Base	1406' +721	1407' +720
Heebner	3598' -1471	3599' -1472
Lansing	3643' -1516	3645' -1518
BKc	3964' -1837	3968' -1841
Pawnee	4042' -1915	4046' -1919
Fort Scott	4123' -1996	4127' -2000
Cherokee	4140' -2013	4144' -2017
Mississippian	4236' -2109	4238' -2111
Total Depth	4240' -2113	4242' -2115
Reference Well For Structural Comparison American Warrior, Inc. Schniepp #2-31 NE 720' FNL & 760' FEL Sec. 31 T18s R21w Ness Co. Kansas		

Drilling Contractor	Petromark Drilling, LLC. Rig #1	
Commenced	8-25-2013	Completed 9-3-2013
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 Schniepp #4-31 NE was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which was negative. A tight Cherokee Sand was encountered with good oil shows. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Cherokee Sand zone in the Schniepp #4-31 NE well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

