



Geologic Report

Drilling Time and Sample Log

Operator American Warrior, Inc.		KB Elevation 2238'
Lease Hinnergardt	No. 12 Unit	DF GL 2230'
API # 15-135-25929		Casing Record Surface 8 5/8" @ 220'
Field Ben		Production 5 1/2" @ 4371'
Location 1535' FNL & 2615' FWL		Electrical Surveys CNL/CDL, DIL
Sec. 12	Twp. 20s	Rge. 21w
County Ness	State Kansas	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1436' +802	1438' +800	+3
Base	1464' +774	1466' +772	+3
Heebner	3746' -1508	3749' -1511	+7
Lansing	3794' -1556	3800' -1562	+10
BKC	4100' -1862	4102' -1864	
Pawnee	4256' -2018	4260' -2022	+6
Fort Scott	4280' -2042	4283' -2045	+10
Cherokee	4301' -2063	4303' -2065	+5
Mississippian	4357' -2119	4359' -2121	+7
Total Depth	4371' -2133	4372' -2134	

Reference Well For Structural Comparison American Warrior, Inc. Hinnergardt #3-12
1008' FNL & 2213' FWL Sec. 12 T20s R21w Ness Co. Kansas

Drilling Contractor	Discovery Drilling Co. Inc.	Rig #3
Commenced	10-18-2016	Completed 10-25-2016
Samples Saved From	4000'	To RTD
Drilling Time Kept From	3700'	To RTD
Samples Examined From	4000'	To RTD
Geological Supervision From	4000'	To RTD

Displacement 3600' Mud Type Chemical

Summary and Recommendations

The location for the Hinnergardt #12 Unit was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been evaluated the decision was made to run 5 1/2 inch production casing to further evaluate the Hinnergardt #12 Unit well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Respectfully,
Jason T Alm
10-26-2016