Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**	KB DF GL	Elevation 2250' 2244'
Lease	**LN**	No.	**1-18**
API #	**15-135-25802-0000**	Casing Record	Surface 8 5/8" @ 220' Production 5 1/2" @ 4369'
Field	**DeWald**		
Location	**350' FNL & 720' FWL**	Electrical Surveys	CNL/CDL, DIL
Sec.	**18** Twp. **19s** Rge. **21w**		
County	**Ness** State **Kansas**		

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1476' +774	1478' +772	+6
Base	1513' +737	1513' +737	+3
Heebner	3720' -1470	3721' -1471	+1
Lansing	3766' -1516	3767' -1517	+1
BKc	4088' -1838	4088' -1838	
Pawnee	4172' -1922	4175' -1925	+11
Fort Scott	4250' -2000	4251' -2001	+4
Cherokee	4268' -2018	4270' -2020	+5
Mississippian	4356' -2106	4358' -2108	-1
Total Depth	4371' -2121	4370' -2120	

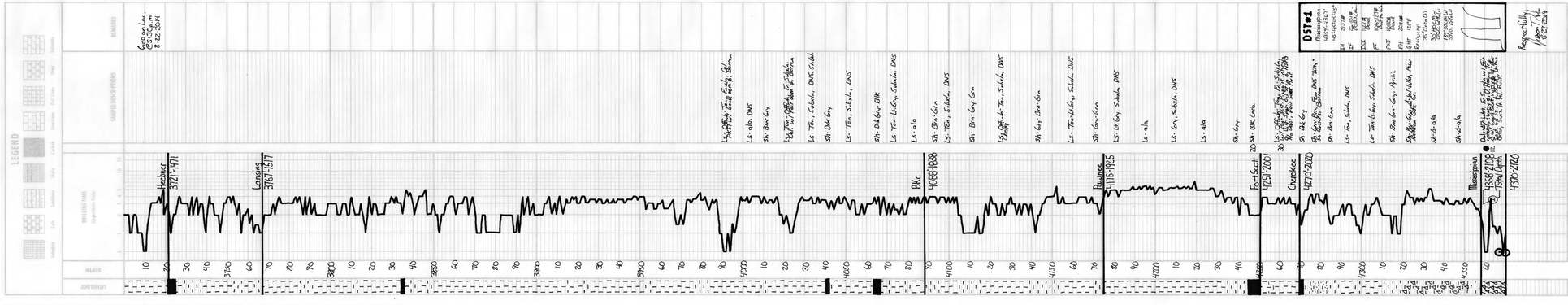
Reference Well For Structural Comparison **American Warrior, Inc. Thornburg #2-7**
800' FSL & 335' FEL Sec. 7 T19s R21w Ness Co. Kansas

Drilling Contractor	**Petromark Drilling LLC Rig #1**		
Commenced	**8-18-2014**	Completed	**8-26-2014**
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 LN #1-18 was found via 3-D seismic survey. The new well ran slightly lower than 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 examined the decision was made to run 5 1/2 inch production casing to further evaluate the LN #1-18 well.

Respectfully Submitted,

Jason T Alm
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