Geologic Report

Drilling Time and Sample Log

Operator	**American Warrior, Inc.**	Elevation 2169'	
Lease	**C-F Unit**	No. **1**	KB DF GL **2163'**
API #	**15-135-25689-0000**	Casing Record	Surface 8 5/8" @ 223' Production 5 1/2" @ 4279'
Field	**Wildcat**		
Location	**275' FNL & 2110' FWL**	Electrical Surveys	CNL/CDL, DIL
Sec. **25**	Twp. **18s**	Rge. **22w**	
County **Ness**	State **Kansas**		

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1429' +740	1433' +736	
Base	4162' +707	1465' +704	
Heebner	3622' -1453	3626' -1457	+2
Lansing	3666' -1497	3672' -1503	+4
BKc	3983' -1814	3987' -1818	
Pawnee	4072' -1903	4070' -1901	
Fort Scott	4148' -1979	4152' -1983	+8
Cherokee	4170' -2001	4173' -2004	+6
Mississippian	4258' -2089	4258' -2089	+3
Total Depth	4280' -2111	4280' -2111	

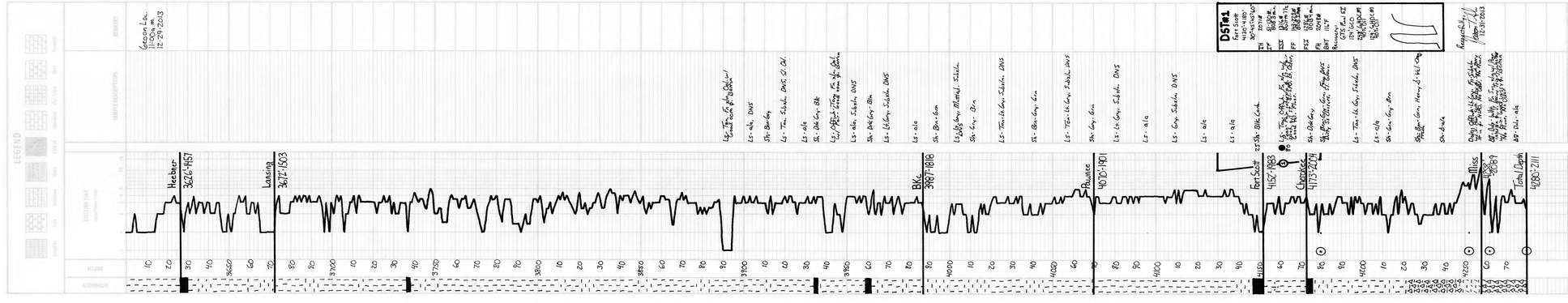
Reference Well For Structural Comparison Cities Service O&G Corp. Fricken #1
860' FNL & 1980' FWL Sec. 25 T18s R22w Ness Co. Kansas

Drilling Contractor	Petromark Drilling, LLC.	Rig #1	
Commenced	12-19-2013	Completed	1-1-2014
Samples Saved From	3900'	To	RTD
Drilling Time Kept From	3600'	To	RTD
Samples Examined From	3900'	To	RTD
Geological Supervision From	3900'	To	RTD

Displacement **3500'** Mud Type **Chemical**

Summary and Recommendations

The location for the C-F Unit #1 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 Fort Scott Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the C-F Unit #1 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.