Geologic Report

Drilling Time and Sample Log

Operator	**H&C Oil Operating, Inc.**		Elevation 2493'
Lease	**Keith-Henry Unit**	No. **18-1**	KB 2493' DF GL 2486'
API #	**15-065-24103-0000**		Casing Record Surface 8 5/8" @ 220' Production None
Field	**Wildcat**		Electrical Surveys CNL/CDL, DIL, MEL
Location	**425' FNL & 500' FEL**		
Sec.	**18** Twp. **9s**	Rge. **24w**	
County	**Graham**	State **Kansas**	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	2161' +332	2160' +333	+1
Base	2196' +297	2198' +295	FL
Topeka	3579' -1086	3582' -1089	-5
Heebner	3798' -1305	3800' -1307	-9
Toronto	3823' -1330	3826' -1333	-4
Lansing	3838' -1345	3842' -1349	-7
BKc	4064' -1571	4065' -1572	-11
Total Depth	4120' -1627	4120' -1627	

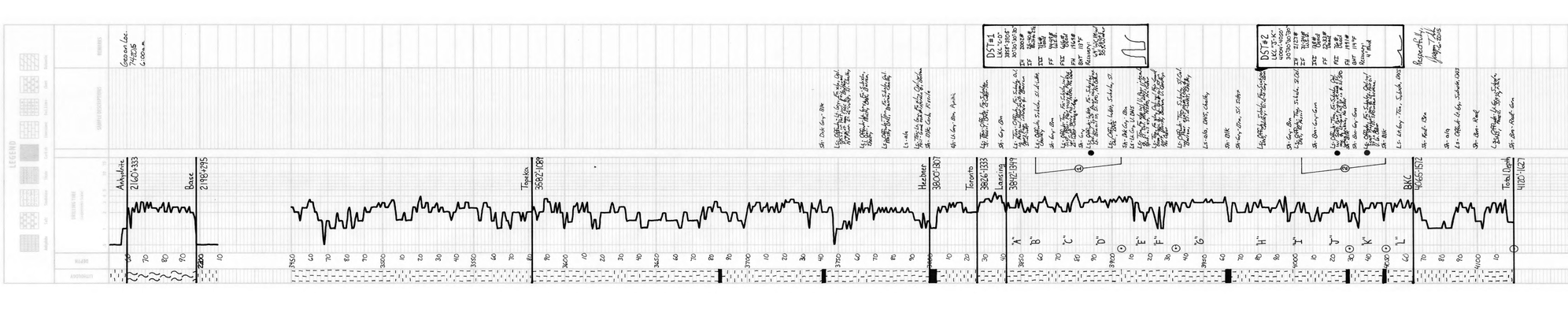
Reference Well For Structural Comparison **H & C Oil Operating, Inc. Rosalie #17-2**
1200' FNL & 330' FWL Sec. 17 T9s R24w Graham Co. Kansas

Drilling Contractor	**American Eagle Drilling Co.**		**Rig #2**	
Commenced	**6-26-2015**	Completed		**7-6-2015**
Samples Saved From	**3750'**	To	RTD	
Drilling Time Kept From	**3450'**	To	RTD	
Samples Examined From	**3750'**	To	RTD	
Geological Supervision From	**3750'**	To	RTD	

Displacement **2800'** Mud Type **Chemical**

Summary and Recommendations

The location for the Keith-Henry Unit #18-1 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two Drill Stem Tests were conducted, both of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Keith-Henry Unit #18-1 well.

Respectfully Submitted,

Jason T. Alm
Hard Rock Consulting, Inc.