

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator H&C Oil Operating, Inc.		Elevation KB 2465 DF GL 2458	
Lease Miller No. 16-1		Casing Record Surface 8 5/8" @ 263' Production None	
API # 15-065-24031-0000		Electrical Surveys CNL/CDL, DIL, MEL	
Field Wildcat		Location 330' FNL & 1980' FEL	
Sec. 16	Twp. 7s	Rge. 23w	
County Graham		State Kansas	
Formation	Sample tops	Log Tops	Datum Struct Comp
Top Anhydrite	2154	2154	+311 -1
Base Anhydrite	2188	2186	+279 -1
Topeka	3496	3498	-1033 -1
Heebner	3702	3703	-1238 -4
Toronto	3726	3728	-1263 -5
LKC	3740	3741	-1276 -1
BKC	3932	3934	-1469 -1
Total Depth	3982	3983	-1518
Reference Well For Structural Comparison	H&C Oil Operating, Inc.		
Mills #9-1	330' FSL & 2310' FEL		Sec. 9-7s-23w

Drilling Contractor	American Eagle, Rig #2	
Commenced	4-24-14	Completed 5-1-14
Samples Saved From	3650	To RTD
Drilling Time Kept From	3400	To RTD
Samples Examined From	3650	To RTD
Geological Supervision From	3400	To RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to plug and abandon the well.

Respectfully Submitted,

Marc A. Downing

