

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator Mikol Oil LLC		Elevation	
Lease Townley No. 1-17		KB 1932 DF 1930 GL 1924	
API # 15-163-24302-0000		Casing Record	
Field Wildcat		Surface 8 5/8" @ 221' Production 5 1/2" @ 3485'	
Location 640' FNL & 277' FEL		Electrical Surveys	
Sec. 17 Twp. 8s Rge. 16w		CNDL, DIL, MEL, Sonic	
County Rooks State Kansas		Datum	
Formation		Sample tops	
Top Anhydrite 1235		1230	
Base Anhydrite 1264		1263	
Topoka 2814		2812	
Heebner 3029		3029	
Toronto 3050		3050	
LKC 3072		3071	
BKC 3325		3324	
Arbuckle 3433		3434	
Total Depth 3485		3482	
		-1502 Not Reached	
		-1502 Not Reached	
Reference Well For Structural Comparison Warren K. Chesney SE SE NE Chesney D-2		Sec. 18-8s-16w	

Drilling Contractor	Royal Drilling, Rig #4	
Commenced	7-29-15	Completed 8-4-15
Samples Saved From	2950	To RTD
Drilling Time Kept From	2850	To RTD
Samples Examined From	2950	To RTD
Geological Supervision From	2850	To RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion.

Perforations:
 LKC G: 3174-3176
 LKC F: 3164-3166
 LKC D: 3129-3131
 LKC C: 3112-3114

Respectfully Submitted,
 Marc A. Downing

