

Marc A. Downing Consulting Petroleum Geologist		Geologic Report Drilling Time and Sample Log	
Operator Downing-Nelson Oil Co., Inc.		Elevation KB 2054 DF 2052 GL 2046	
Lease Terry Leiker No. 1-36		Casing Record Surface 8 5/8" @ 1172' Production None	
API # 15-165-22055-0000		Electrical Surveys CNDL, DIL, MEL, SONIC	
Field Wildcat		None	
Location 2310' FSL & 1300' FEL		None	
Sec. 36	Twp. 17s	Rge. 18w	
County Rush	State Kansas		
Formation	Sample tops	Log Tops	Datum
Top Anhydrite		1154	+900
Base Anhydrite		1188	+866
Heebner	3334	3338	-1284
LKC	3390	3392	-1338
BKC	3640	3642	-1588
Marmaton	3686	3688	-1634
Granite Wash	3729	3732	-1678
Total Depth	3770	3772	-1718
Reference Well For Structural Comparison Nies #1		Honaker-Davis NW-NW-SW Sec. 31-17s-17w	

Drilling Contractor	Discovery Drilling, Rig #3	
Commenced	1-25-14	Completed 1-29-14
Samples Saved From	3200	To RTD
Drilling Time Kept From	3100	To RTD
Samples Examined From	3200	To RTD
Geological Supervision From	3100	To RTD

Summary and Recommendations

The Terry Leiker #1-36 stayed too high on Granite Wash, no Reagan Sand developed.

Respectfully Submitted,

Marc A. Downing

