

Marc A. Downing		Geologic Report			
Consulting Petroleum Geologist		Drilling Time and Sample Log			
Operator Downing-Nelson Oil Co., Inc.		KB	Elevation		
Lease Hillman		DF	2362		
No. 2-18		GL	2354		
API # 15-195-22913-0000		Casing Record			
Field Scanlon		Surface			
Location 585' FNL & 1175' FEL		8' 5/8" @ 220'			
Sec. 18 Twp. 11s Rge. 24w		Production			
County Trego State Kansas		5 1/2" @ 3993'			
Formation		Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite		1975	1975	+387	-10
Base Anhydrite		2017	2017	+345	-11
Topeka		3452	3452	-1090	NA
Heebner		3671	3673	-1311	-11
Toronto		3692	3694	-1332	-10
LKC		3709	3711	-1349	-15
BKC		3940	3942	-1580	-10
Total Depth		3991	3994	-1632	
Reference Well For Structural Comparison		N-B Company			
Hillman #1		SE NW NE		Sec. 18-11s-24w	

Drilling Contractor	Discovery Drilling, Rig #1	
Commenced	2-11-14	Completed 2-17-14
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 set 5 1/2" production casing for completion in the LKC.

Respectfully Submitted,

Marc A. Downing

