

Marc A. Downing		Geologic Report		
Consulting Petroleum Geologist		Drilling Time and Sample Log		
Operator Downing-Nelson Oil Co., Inc.		KB	Elevation 1965	
Lease Giesick No. 1-25		DF	1946	
API # 15-165-22126-0000		GL	1946	
Field Otis-Albert		Casing Record Surface		
Location 1035' FSL & 335' FEL		8 5/8" @ 971'		
Sec. 25 Twp. 18s Rge. 16w		5 1/2" @ 3552'		
County Rush State Kansas		Electrical Surveys		
Formation		Sample tops	Log Tops	Datum
Top Anhydrite	960	NA	+1005	FL
Base Anhydrite	NA	NA	NA	-1
Topeka	2948	2945	-980	FL
Heebner	3197	3292	-1327	-3
Toronto	3213	3207	-1242	-3
Douglas Sh	3228	3223	-1258	-1
Brown Lime	3262	3258	-1293	-2
LKC	3278	3274	-1309	-3
BKC	3503	3498	-1533	-6
Reagan Sand	3553	NA	-1588	+15
Total Depth	3560	3553	-1588	
Reference Well For Structural Comparison Schermerhorn Drilling Giesick #3 C/S2 SE Sec. 25-18s-15w				

Drilling Contractor	Integrity Drilling, Rig #7	
Commenced	3-15-16	Completed 3-21-16
Samples Saved From	3200	To RTD
Drilling Time Kept From	2850	To RTD
Samples Examined From	3200	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.

Respectfully Submitted,

Marc A. Downing

