

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator Downing-Nelson Oil Co., Inc.		Elevation	
Lease Barry Urban		No. 1-17	
API # 15-165-22070-0000		Casing Record Surface	
Field Reichel		Production	
Location 1050' FNL & 1580' FEL		Electrical Surveys	
Sec. 17 Twp. 16s Rge. 17w		CNDL, DIL, MEL	
County Rush State Kansas		Datum	
Formation		Sample tops	
Top Anhydrite		1095	
Base Anhydrite		1139	
Log Tops		1098	
Struct Comp		+876	
Topoka		2978	
Heebner		3211	
Toronto		3228	
LKC		3260	
BKC		3481	
Arbuckle		3540	
Total Depth		3640	
Reference Well For Structural Comparison		DNOCI	
Fontier Oil Co.		W/2 SE NW	
Sec. 17-16s-17w			

Drilling Contractor	Discovery Drilling, Rig #3
Commenced	5-15-14
Completed	5-23-14
Samples Saved From	2900 To RTD
Drilling Time Kept From	2850 To RTD
Samples Examined From	2900 To RTD
Geological Supervision From	2900 To RTD

KB	1974
DF	1972
GL	1966

8 5/8" @ 1099'
5 1/2" @ 3640'

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

Respectfully Submitted,

Marc A. Downing

