

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator Downing-Nelson Oil Co., Inc.		Elevation	
Lease Gottschalk-Gerstner No. 1-25		KB	2082
API # 15-051-26652-0000		DF	2080
Field Wildcat		GL	2074
Location 605' FNL & 2520' FWL		Casing Record Surface	
Sec. 25 Twp. 14s Rge. 19w		8 5/8" @ 1336'	
County Ellis State Kansas		Production	
Formation		5 1/2" @ 3824'	
Top Anhydrite	Sample tops	Electrical Surveys	
Base Anhydrite	Log Tops	CNDL, DIL, MEL	
	Datum	Struct Comp	
Topoka	3104	3108	-1026
Heebner	3359	3364	-1282
Toronto	3380	3383	-1301
LKC	3408	3411	-1329
BKC	3646	3651	-1569
Arbuckle	3724	3730	-1648
Total Depth	3825	3828	-1746
Reference Well For Structural Comparison J.S.G. Oil Corporation Dechant #25-1 NW-NE-NE Sec. 25-14s-19w			

Drilling Contractor	Completed	Discovery Drilling, Rig #4
Commenced	1-10-14	1-19-14
Samples Saved From	3200	To RTD
Drilling Time Kept From	3050	To RTD
Samples Examined From	3200	To RTD
Geological Supervision From	3200	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.

Perforate:
LKC "H" zone: 3541-3544

Respectfully Submitted,
Marc A. Downing

