

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator Downing-Nelson Oil Co., Inc.		Elevation	
Lease Stecklein Brothers No. 1-34		KB 2383	
API # 15-195-23046-0000		DF 2381	
Field Wildcat		GL 2375	
Location 748' FNL & 1057' FEL		Casing Record	
Sec. 34 Twp. 13s Rge. 22w		Surface 8 5/8" @ 221'	
County Trego State Kansas		Production 5 1/2" @ 4329'	
Formation		Electrical Surveys	
Sample tops	Log Tops	CNDL, DIL	
Top Anhydrite	1828	MEL	
Base Anhydrite	1875		
Topeka	3504	Datum	
Heebner	3738	Struct Comp	
Toronto	3755		
LKC	3768		
BKC	4014		
Marmaton	4119		
Cherokee Sh	4166		
Cherokee Sand	4210		
Conglomerate	4233		
Mississippi	4283		
Total Depth	4330		
Reference Well For Structural Comparison Staab Oil Co. - Mong-Benno #1			
500' FSL & 2130' FEL Sec. 27-13s-22w			

Drilling Contractor		Discovery Drilling, Rig #4	
Commenced 4-10-18		Completed 4-17-18	
Samples Saved From 3500		To RTD	
Drilling Time Kept From 3400		To RTD	
Samples Examined From 3500		To RTD	
Geological Supervision From 3500		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

- ROCK TYPES**
- Carbon Sh
 - Ss
 - Unst fvr/> shale, gry
 - Chert, dark
 - Dolprlm
 - Chert White
- ACCESSORIES**
- Stringer
 - Limestone
 - red shale
- OTHER SYMBOLS**
- DST Int
 - DST alt
 - Core
 - II tail pipe
 - MISC
 - Daily Report
 - Digital Photo
 - Document
 - Folder
 - Link
 - Vertical Log File
 - Horizontal Log File
 - Core Log File
 - Drill Cuttings Rpt
 - OIL SHOWS
 - Ev. Sh
 - Spotted Sin 50 - 75 %
 - Spotted Sin 25 - 50 %
 - Spotted Sin 1 - 25 %
 - Questionable Sin
 - Dead Oil Sin
 - Fluorescence

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