Marc A. Downing Consulting Petroleum Geologist	Geologic Report Drilling Time and Sample Log

Operator	Downing-Nelson Oil Co., Inc.	Elevation	
		KB	2013
Lease	PBW	DF	2011
	No. 1-32	GL	2005
API #	15-165-22116-0000	Casing Record	
		Surface	8 5/8" @ 1122'
Field	Wildcat	Production	5 1/2" @ 3844'
Location	580' FSL & 2145' FWL	Electrical Surveys	
Sec. 32	Twp. 18s	Rge. 17w	CNDL, DIL, MEL, SONIC
County	Rush	State	Kansas

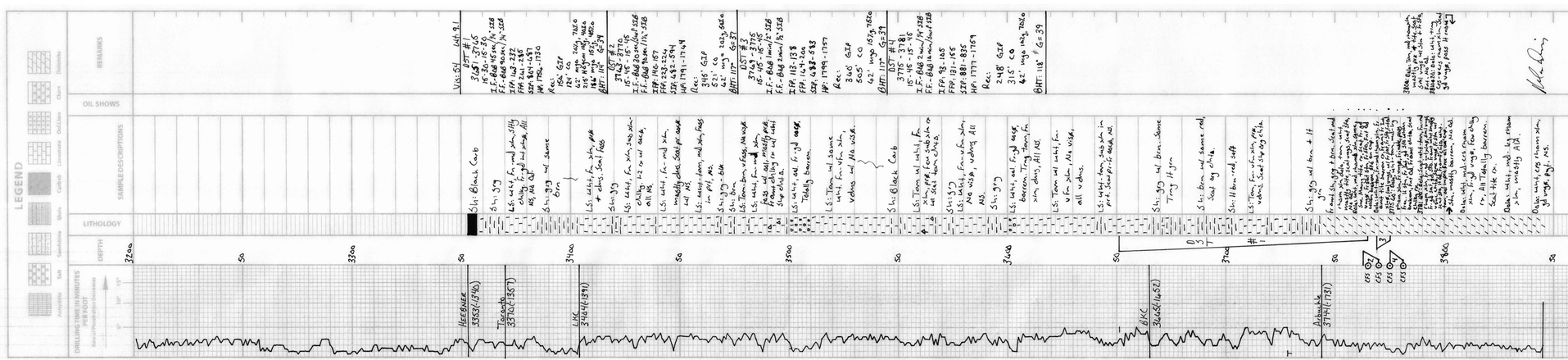
Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	1119	1119	+894	+3
Base Anhydrite	1153	1152	+861	+3
Heebner	3353	3352	-1339	-7
Toronto	3370	3369	-1356	-7
LKC	3404	3402	-1389	-3
BKC	3665	3664	-1651	-4
Arbuckle	3744	3744	-1731	+17
Total Depth	3845	3845	-1832	

Reference Well For Structural Comparison — Abercrombie Drilling
Norman #1 — N2 SW NW — Sec. 32-18s-17w

Drilling Contractor	Discovery Drilling, Rig #3				
Commenced	9-18-15	Completed		9-25-15	
Samples Saved From	3350	To		RTD	
Drilling Time Kept From	3200	To		RTD	
Samples Examined From	3350	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.

Respectfully Submitted,

Marc A. Downing