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

Operator	Downing-Nelson Oil Co., Inc.	Elevation	
Lease	Keith	No. 1-4	KB 2427 DF 2425 GL 2419
API #	15-065-24025-0000	Casing Record	Surface 8 5/8" @ 214' Production 5 1/2" @ 4034'
Field	Holley	Electrical Surveys	CNL/CDL, DIL, MEL
Location	974' FSL & 335' FEL		
Sec. 4	Twp. 9s	Rge. 24w	
County	Graham	State Kansas	

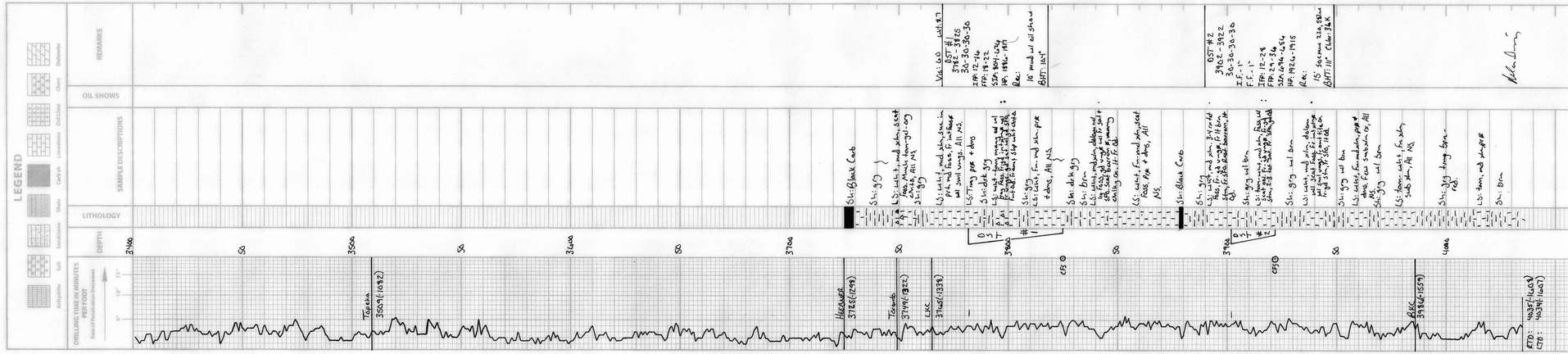
Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	2122	2127	+300	+6
Base Anhydrite	2157	2161	+266	+7
Topeka	3509	3514	-1087	+4
Heebner	3725	3731	-1304	+2
Toronto	3749	3756	-1329	+2
LKC	3765	3772	-1345	FL
BKC	3986	3992	-1565	-3
Total Depth	4035	4034	-1607	

Reference Well For Structural Comparison DNOCI
Keith #1 SE SE SE Sec. 4-9s-24w

Drilling Contractor	Discovery Drilling, Rig #4			
Commenced	3-24-14	Completed		3-30-14
Samples Saved From	3700	To		RTD
Drilling Time Kept From	3400	To		RTD
Samples Examined From	3700	To		RTD
Geological Supervision From	3400	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,

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