Marc A. Downing

Consulting Petroleum Geologist

Geologic Report

Drilling Time and Sample Log

Operator	Downing-Nelson Oil Co., Inc.		
Lease	Marjorie-Norma Jean	No.	1-11
API #	15-153-21175-0000		
Field	Wildcat		
Location	915' FNL & 1635' FWL		
Sec.	11	Twp.	1s
Rge.	33w		
County	Rawlins	State	Kansas

Elevation
KB 2910
DF 2908
GL 2902

Casing Record
Surface 8 5/8" @ 223'
Production None

Electrical Surveys
None

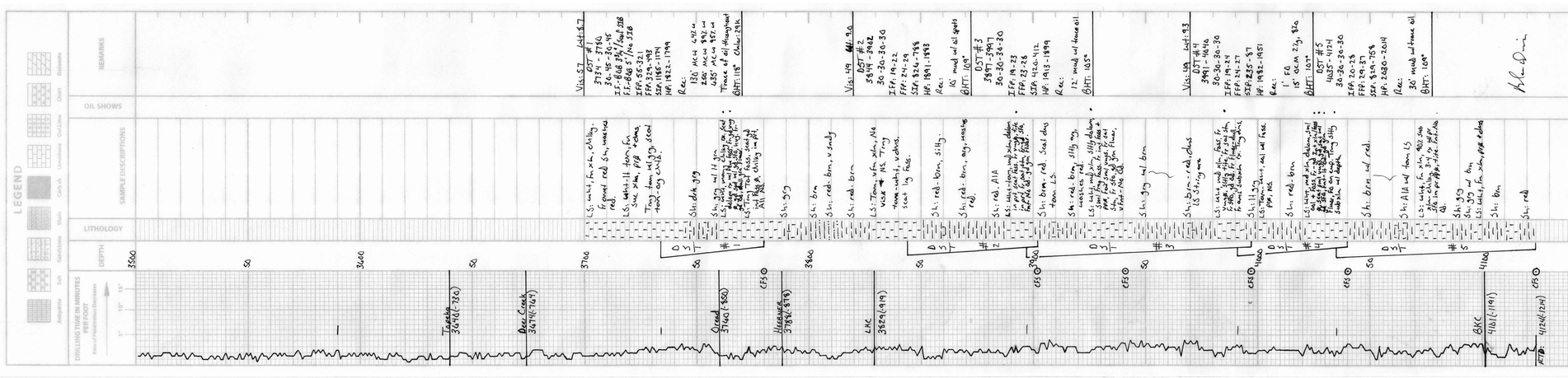
Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	2727		+183	+6
Base Anhydrite	2765		+145	-2
Topeka	3640		-730	-6
Oread	3760		-850	-2
Heebner	3788		-878	-6
Lansing	3829		-919	-5
BKC	4101		-1191	-3
Total Depth	4124		-1214	

Reference Well For Structural Comparison DNOCI
Hornek #1-11 335' FNL & 420' FEL Sec. 10-1s-33w

Drilling Contractor	Discovery Drilling, Rig #1		
Commenced	2-4-16	Completed	2-12-16
Samples Saved From	3700	To	RTD
Drilling Time Kept From	3500	To	RTD
Samples Examined From	3700	To	RTD
Geological Supervision From	3500	To	RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to plug and abandon the well.

Respectfully Submitted,

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