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

Operator	American Warrior, Inc.		Elevation
Lease	Wiedeman	No. 2-20	KB 2293 DF 2291 GL 2285
API #	15-135-25853-0000		Casing Record Surface 8 5/8" @ 223' Production 5 1/2" @ 4430'
Field	Hinnergardt		Electrical Surveys
Location	335' FSL & 1940' FEL		CNDL DIL
Sec. 20	Twp. 19s	Rge. 21w	
County Ness	State Kansas		

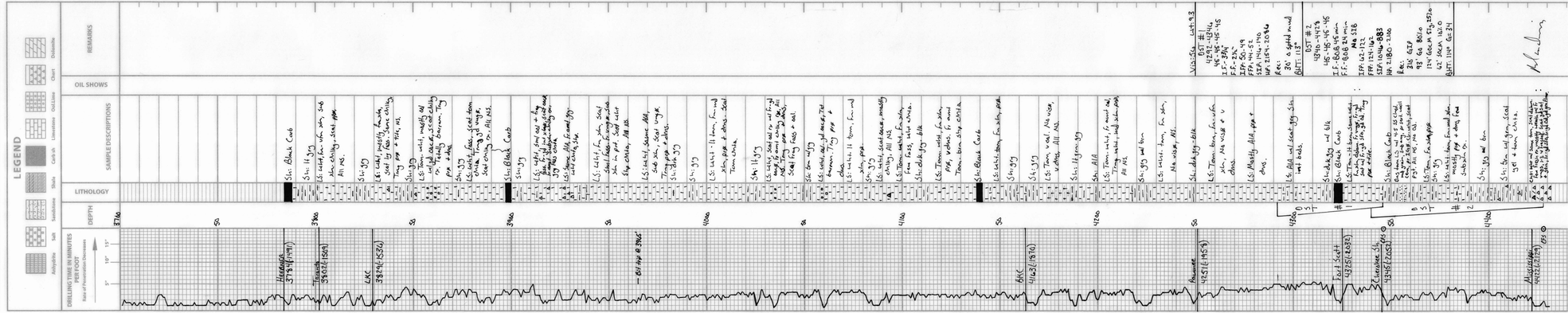
Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	NA	1512	+781	-4
Base Anhydrite	NA	1543	+750	-3
Heebner	3784	3781	-1488	-6
Toronto	3802	3799	-1506	-5
LKC	3829	3826	-1533	-5
BKC	4163	4158	-1865	-10
Pawnee	4251	4248	-1955	-8
Fort Scott	4315	4322	-2029	-7
Cherokee Sh	4345	4340	-2047	-8
Mississippi	4422	NA	-2129	-8
Total Depth	4431	4426	-2138	

Reference Well For Structural Comparison — Pickrell Drilling Co.
Hinnergardt A #1 — C-SE-SE — Sec. 20-19s-21w

Drilling Contractor	Discovery Drilling, Rig #3		
Commenced	4-6-15	Completed	4-13-15
Samples Saved From	3800	To	RTD
Drilling Time Kept From	3700	To	RTD
Samples Examined From	3800	To	RTD
Geological Supervision From	3700	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 in the Mississippi.

Respectfully Submitted,

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