



GAMMA RAY

5" = 100' MD

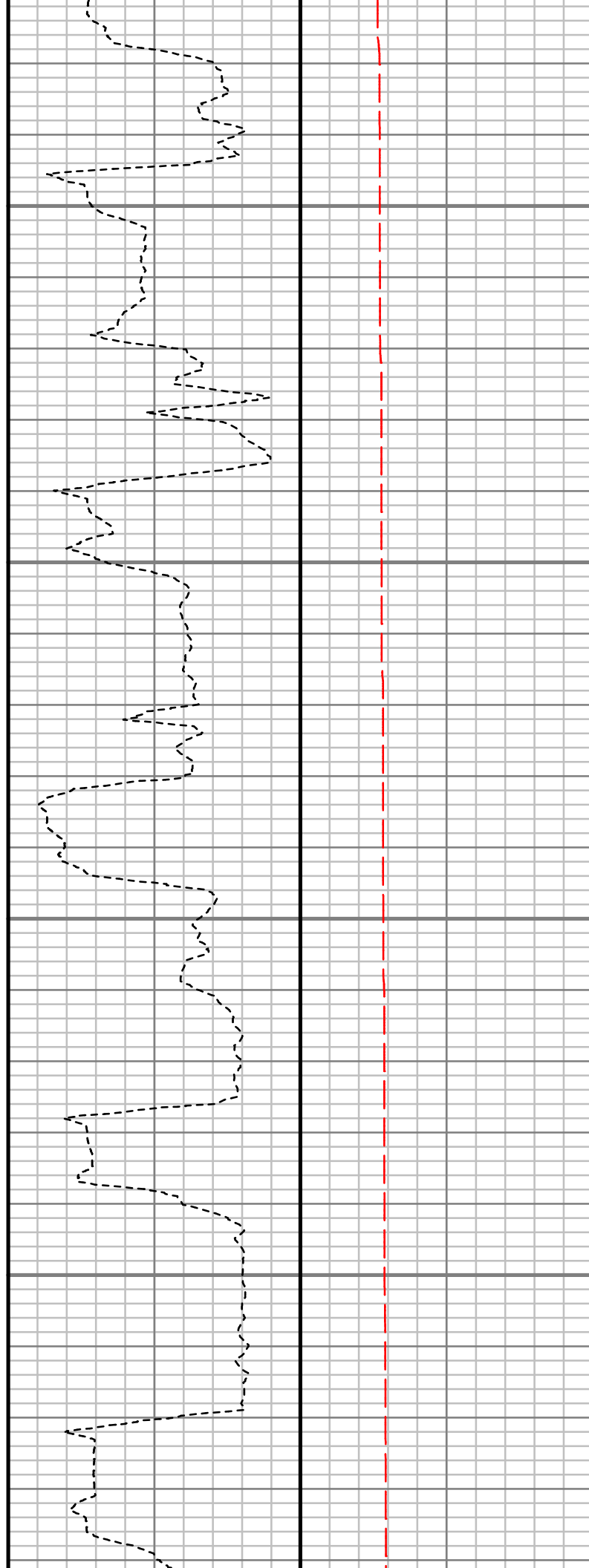
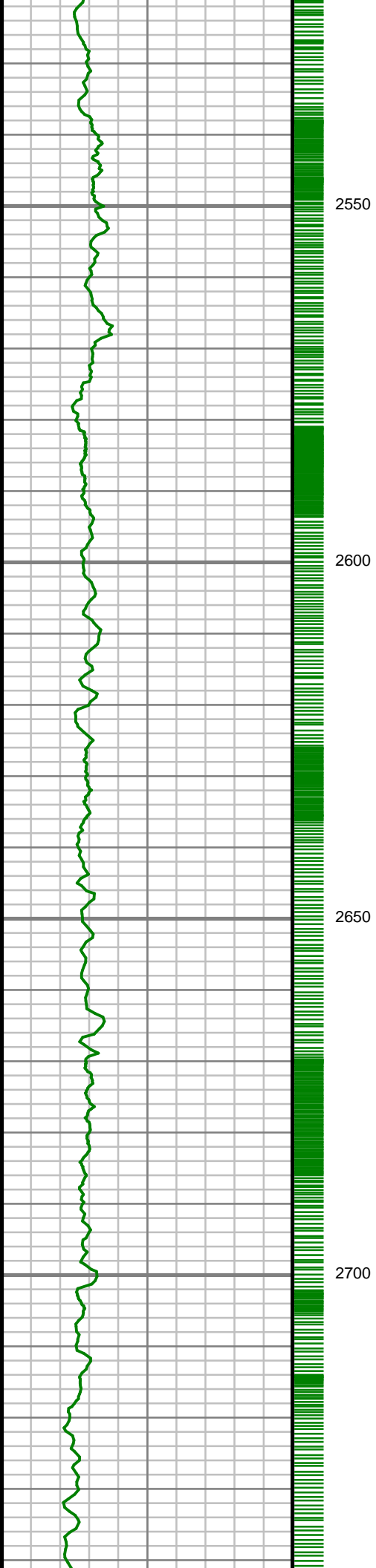
COMPANY : CRESTONE PEAK						
WELL : ECHEVERRIA 2L-2H-D267						
FIELD : DJ BASIN						
COUNTRY : WELD						
STATE : COLORADO						
COUNTRY : U.S.A.						
UWI :						
DEPTH REF. : RKB			RKB to Ground Level			
REF. HEIGHT : 28.000 ft						
GROUND LEVEL : 4881.000 ft			G.L. to MEAN SEA LEVEL			
BOREHOLE RECORD				DEVATION RECORD		
HOLE SIZE in	FROM ft	TO ft	INCLINATION deg	FROM ft	TO ft	
12.25	150	2377	18-18	2372		6937
8.5	2377	12588	18-90	6937		8187
			90-90	8187		12588
CASING RECORD						
CASING SIZE in	FROM ft	TO ft				
9.625	0	2377				
5.5	2377	12578				
			DRILLING CO.: ENSIGN			
			RLG: 142			
			LMD UNIT NO.: KIT ELECTRIDISTRICIT: GRAND JUNCTION			
			SPUD DATE: 3/9/2019			
			LMD START DATE: 3/9/2019			
			LMD END DATE: 03/19/2019			
			DEPTH: 2377 ft			
			DEPTH: 12537 ft			
			TOTAL DEPTH: 12588 ft			

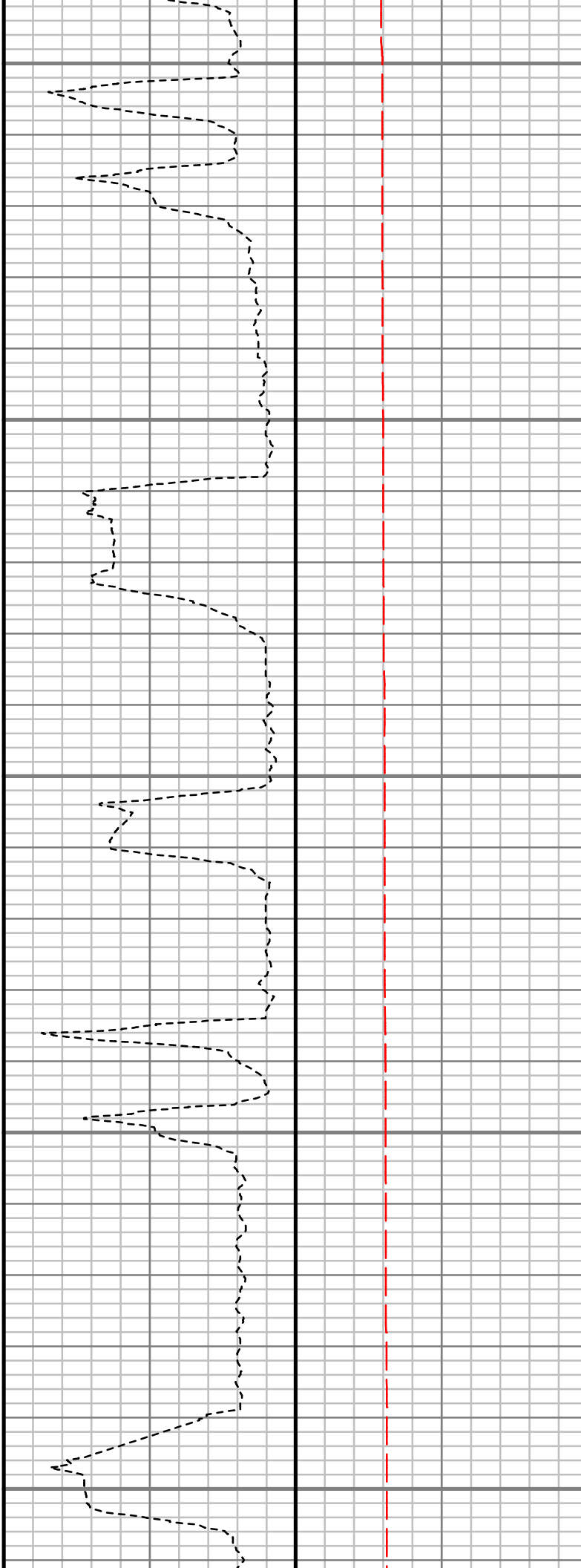
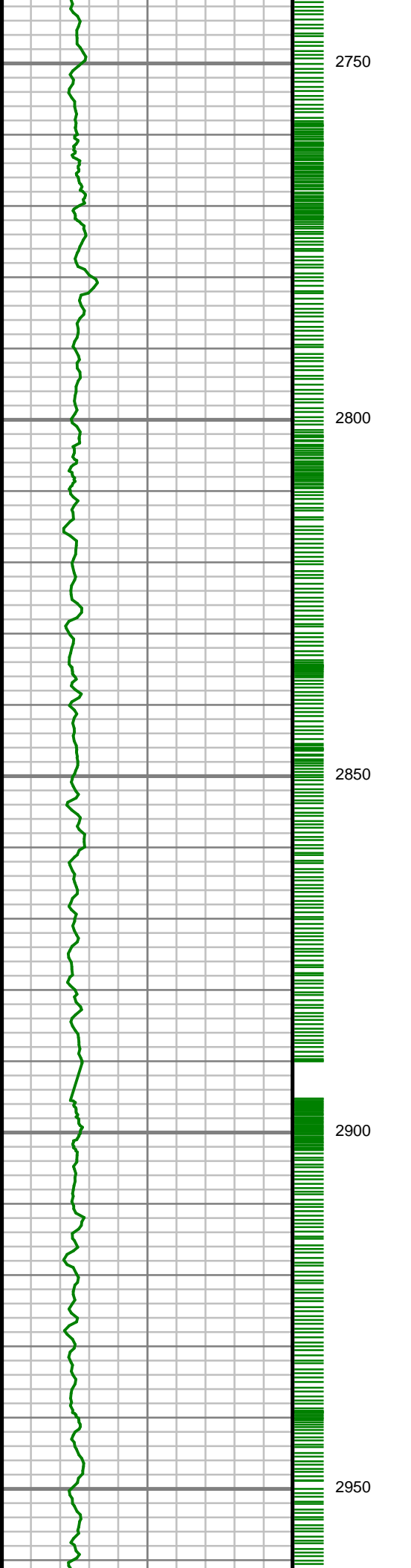
Run Data						
RUN NUMBER	1	2	3	4	5	
START DATE	3/9/2019	3/11/2019	3/14/2019	3/15/2019	3/16/2019	
START TIME	12:15	17:25	21:30	23:30	19:50	
END DATE	3/11/2019	3/14/2019	3/15/2019	3/16/2019	03/19/2019	
END TIME	16:45	19:35	23:15	17:00	04:40	
DEPTH IN (ft)	2377	5150	7831	8130	8280	
DEPTH OUT (ft)	5150	7831	8130	8280	12588	
LOG TOP (ft)	2327	5100	7831	8083	8220	
LOG BOTTOM (ft)	5100	7781	8083	8220	12558	
HOLE SIZE (in)	8.5	8.5	8.5	8.5	8.5	
MUD DATA @ (ft)	3678	5789	8130	8280	12588	
MUD TYPE	NEOFLO	NEOFLO	NEOFLO	NEOFLO	NEOFLO	
DENSITY (lb / gal)	9.3	9.65	10.2	10.65	10.7	
VISCOSITY (s / qt)	40	38	41	47	44	
pH	-	-	-	-	-	
FLUID LOSS (cm3 / 30)	10	14.4	14	12.8	14.4	
SALINITY (ppm)	-	-	-	-	-	
Rm (ohmm @ deg F)	-	-	-	-	-	
Rmf (ohmm @ deg F)	-	-	-	-	-	
MAX TEMP (deg F)	111	168	170	175	235	
Rm @ MAX TEMP (ohmm)	-	-	-	-	-	
LWD ENGINEER #1	G. TOMLINSON	G. TOMLINSON	G. TOMLINSON	J. BAASSIRI	J. BAASSIRI	
LWD ENGINEER #2	D. MILLS	D. MILLS	D. MILLS	D. MILLS	ROBERT CUEVAS	
LWD ENGINEER #3	P. SALLEE	P. SALLEE	P. SALLEE	P. SALLEE		
LOG WITNESS #1						
LOG WITNESS #2						

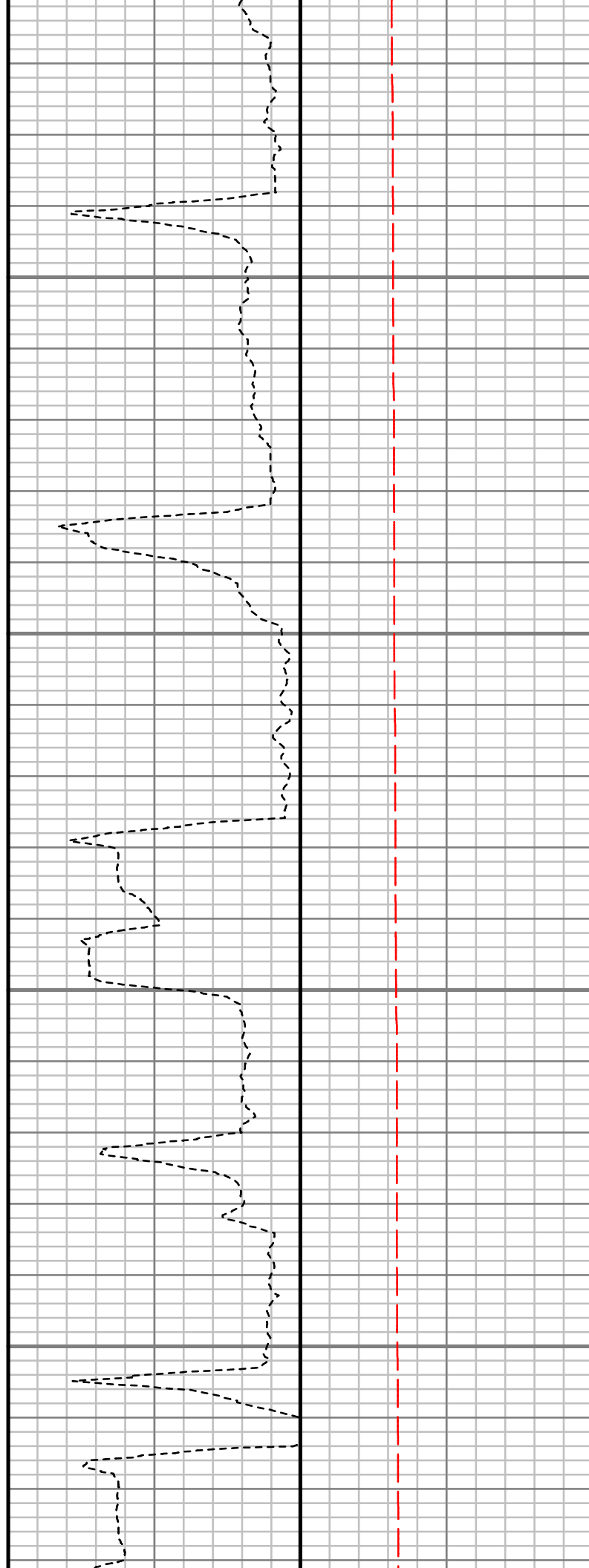
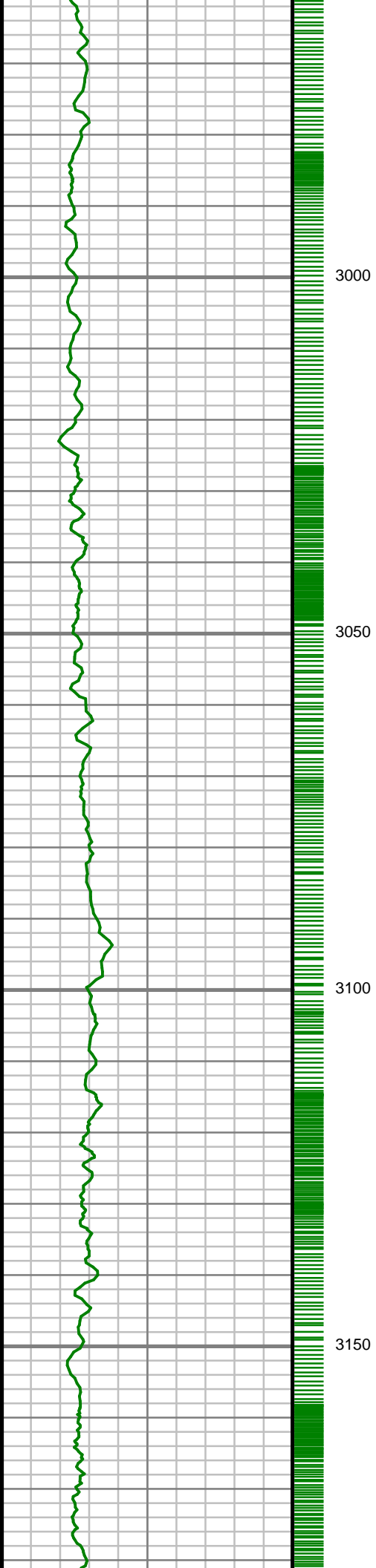
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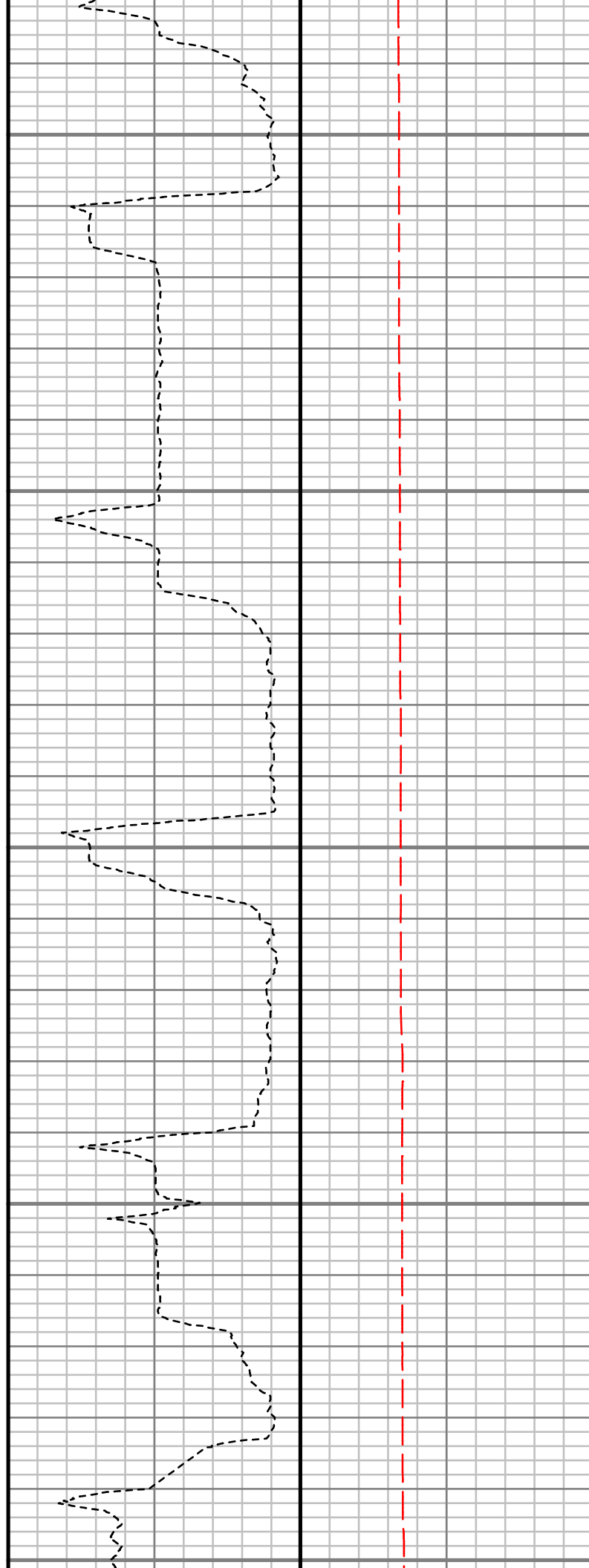
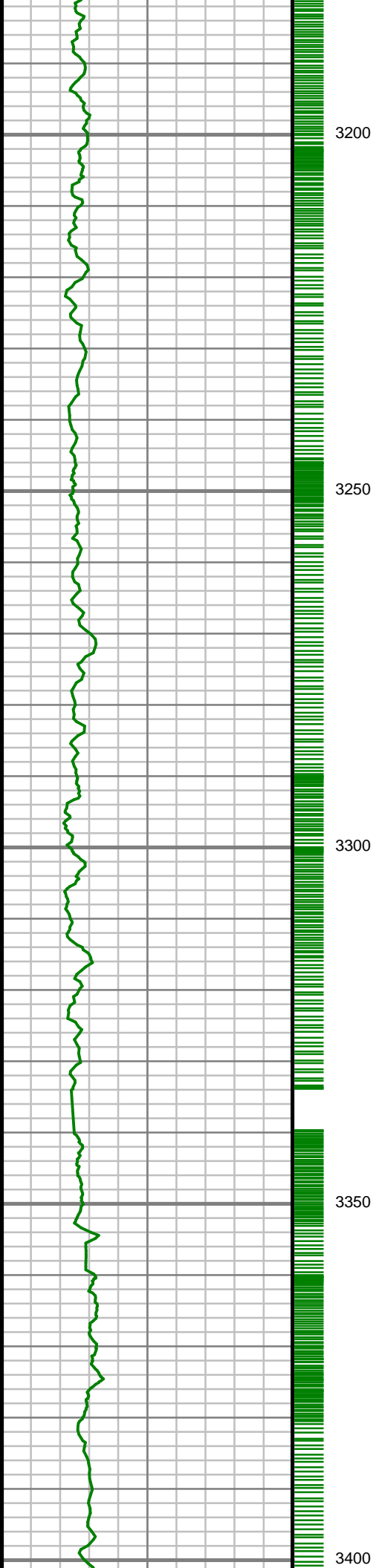
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions as set out in our current price schedule.

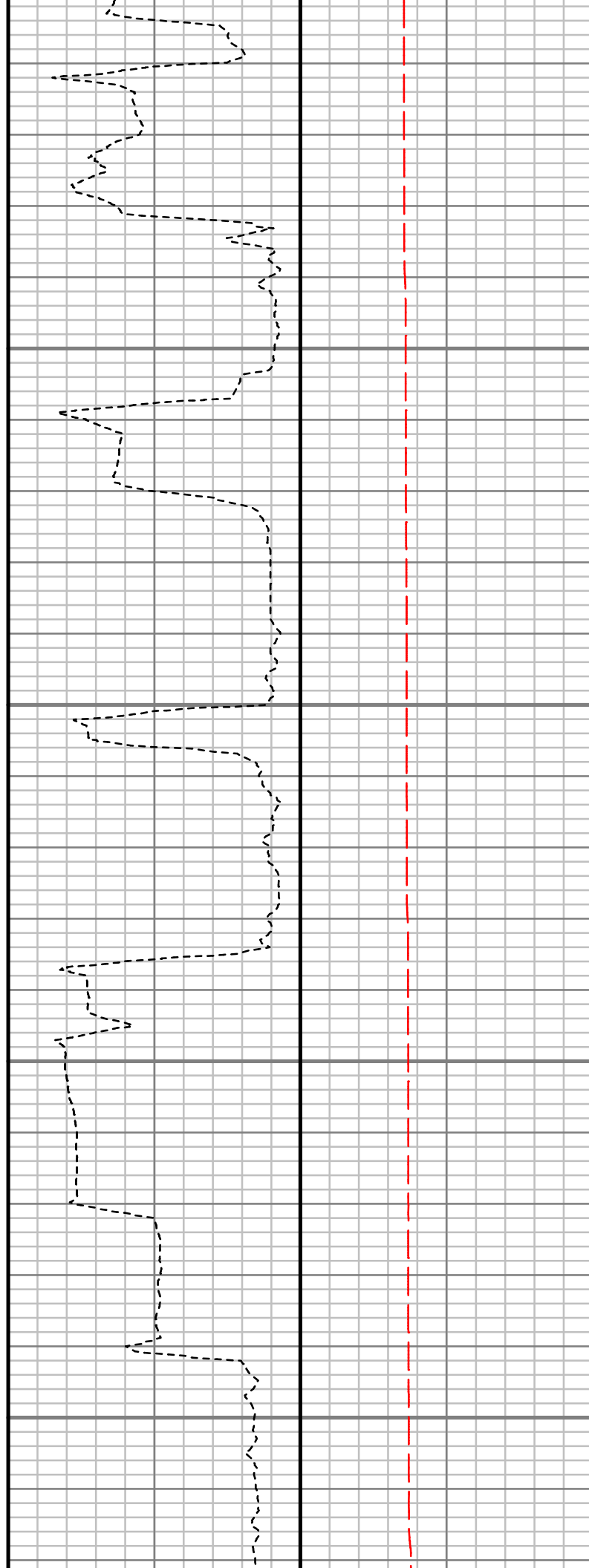
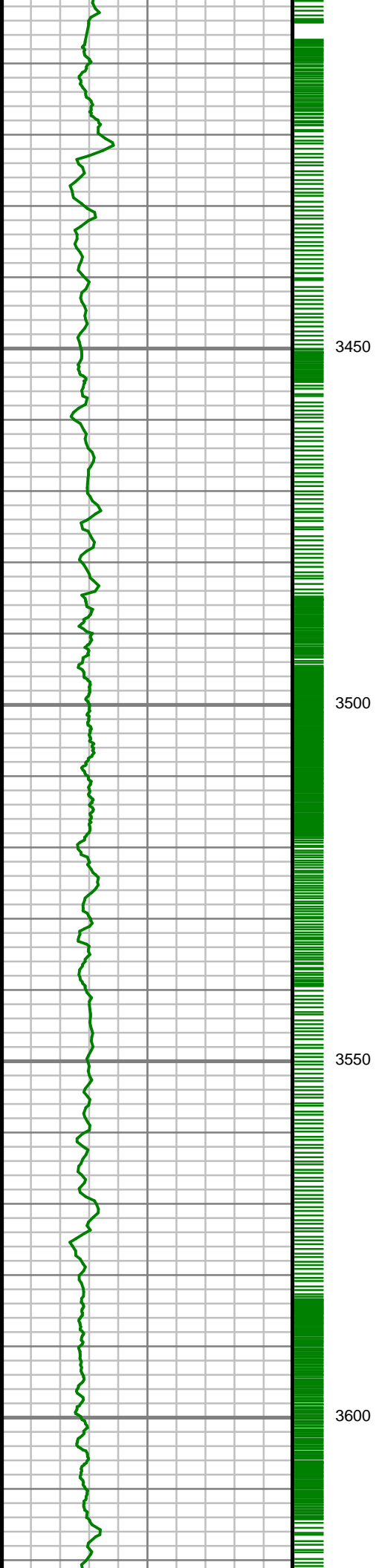
FIELD COPY			
Gamma Ray Total (GR)	MEASURED DEPTH 1:240 (ft)	Rate of Penetration (ROP)	Tool Temperature (T-TEMP)
0 Unit = aapi 150		0 Unit = ft/hr 1000	0 Unit = °F 300
	2500		

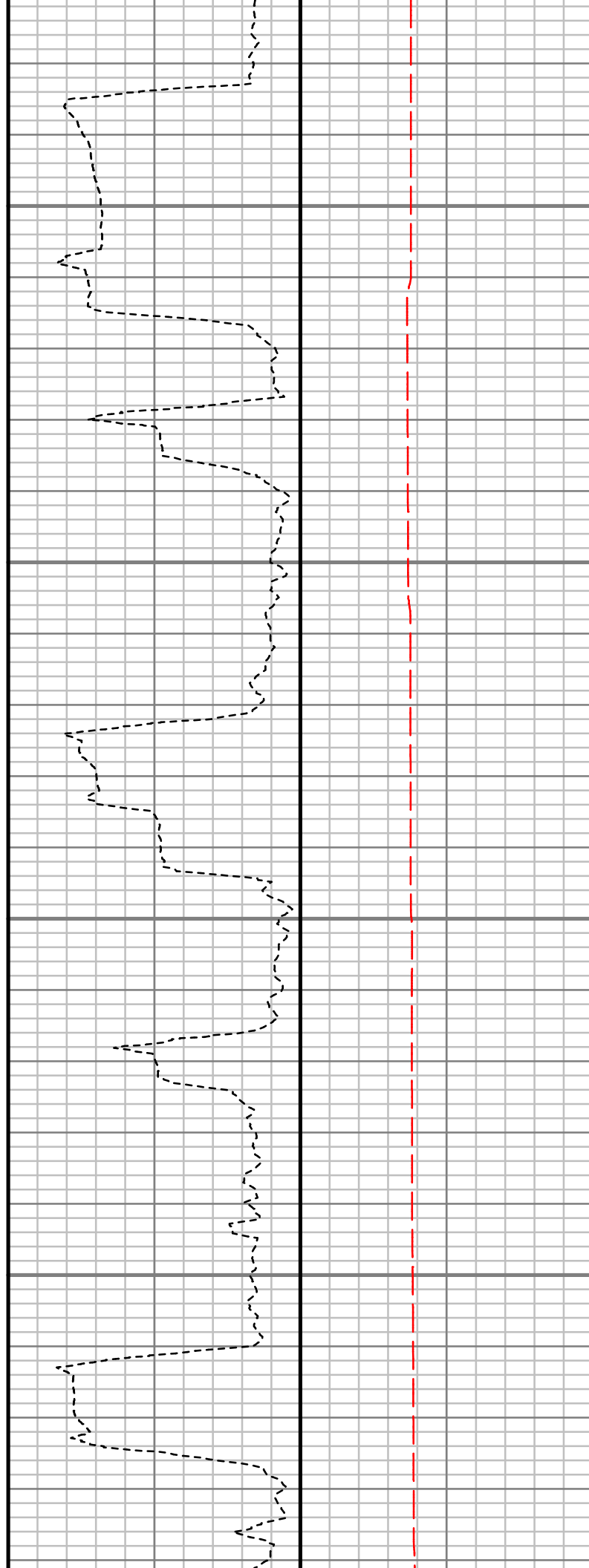
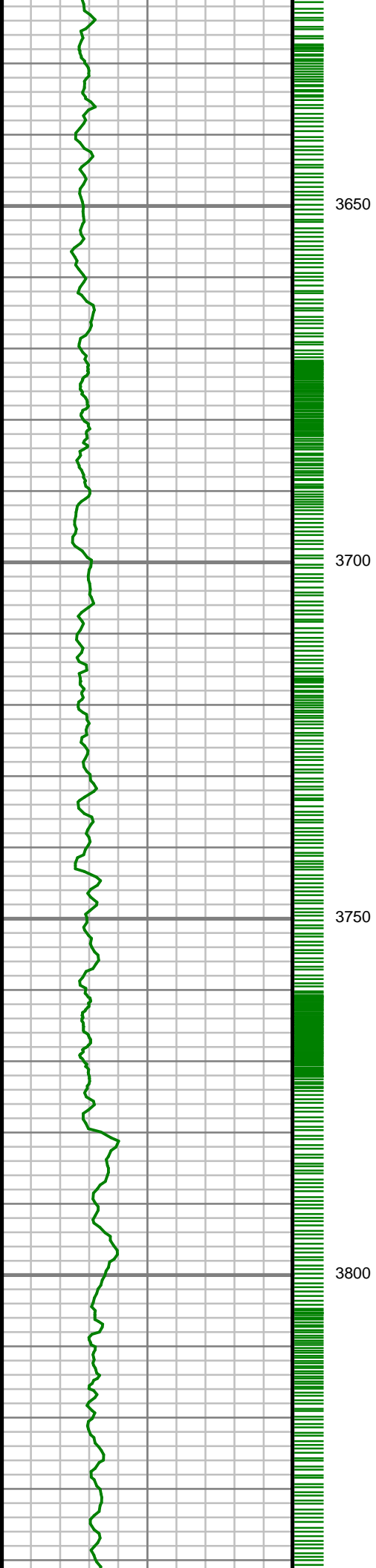


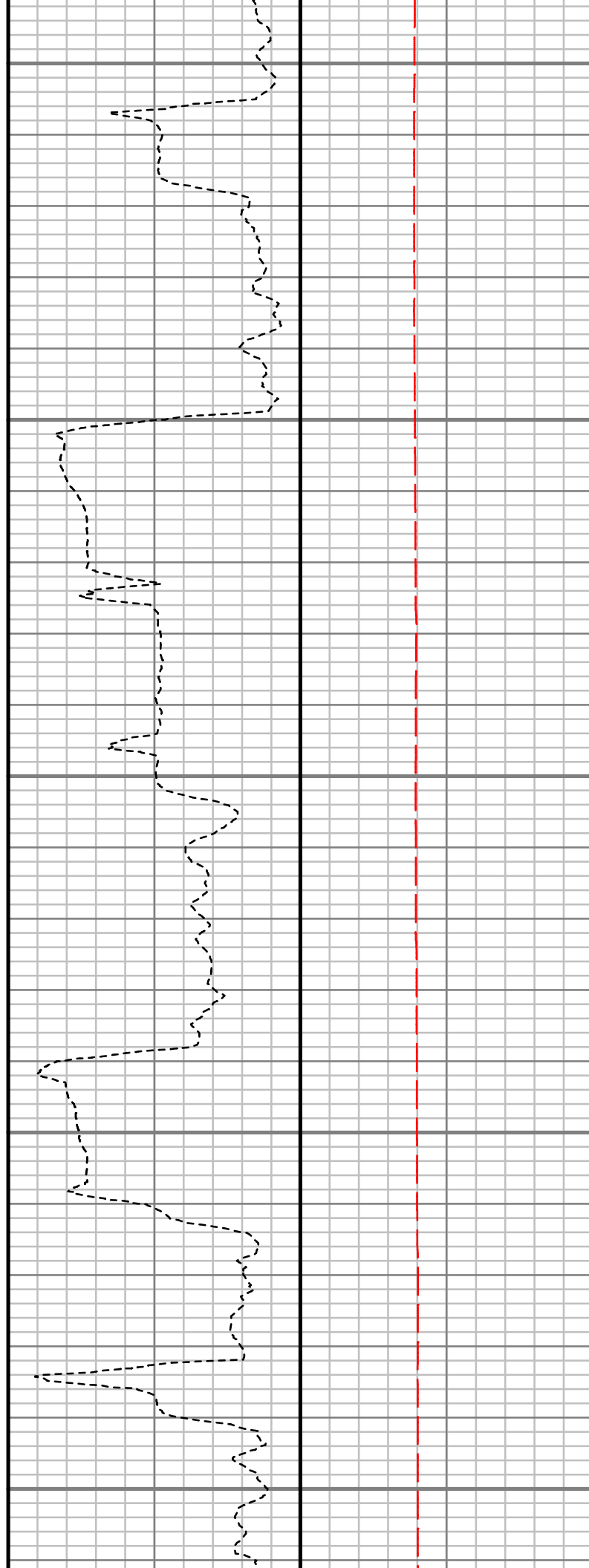
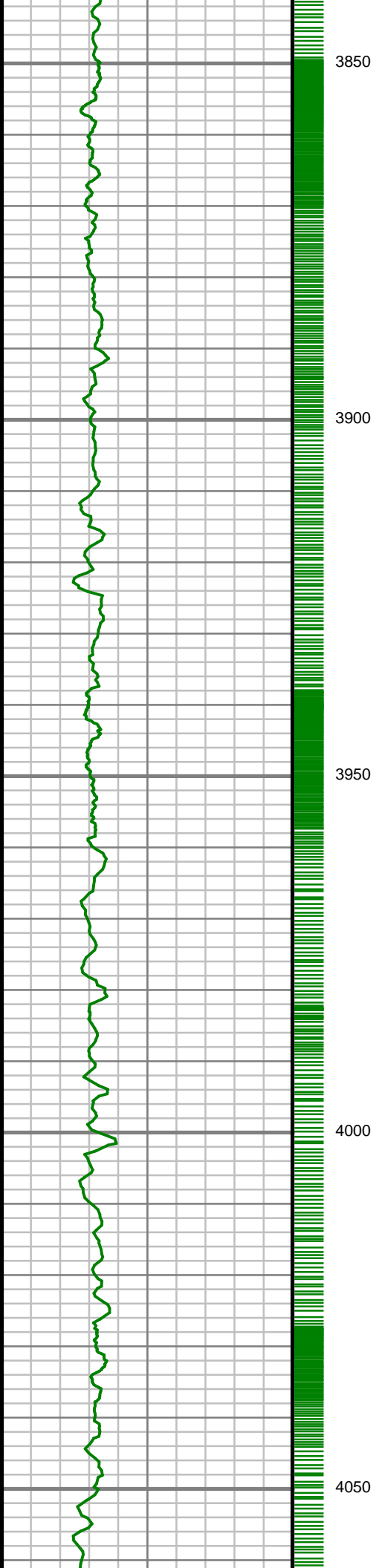


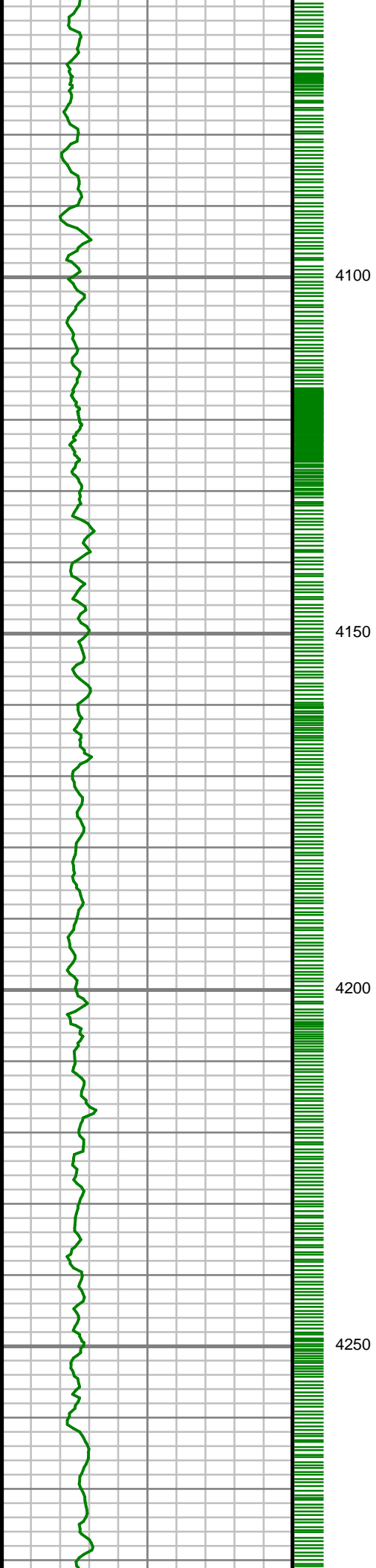












4100

4150

4200

4250

