



2" = 100' MD

COMPANY : HIGHPOINT RESOURCES				COMPANY : HIGHPOINT RESOURCES			
WELL : CRITTER CREEK 17-6005D				WELL : CRITTER CREEK 17-6005D			
FIELD : HEREFORD				FIELD : HEREFORD			
COUNTY : WELD				COUNTY : WELD			
STATE : COLORADO				STATE : COLORADO			
COUNTRY : USA				COUNTRY : USA			
UWI : 05-123-47761				UWI : 05-123-47761			
WELL LOCATION				OTHER SERVICES			
LAT:40°54'58.470"N LONG:104°27'17.170"W							
N:1578341.37 ft E:3288883.93 ft							
SEC:17				RANGE:R63W			
TWP:T11N				DIRECTIONAL			
DEPTH REF. : RKB				ROP			
REF. HEIGHT : 16.500 ft				RKB to Ground Level			
GROUND LEVEL : 5322.900 ft				G.L. to MEAN SEA LEVEL			
BOREHOLE RECORD			DEVIATION RECORD				
HOLE SIZE in	FROM ft	TO ft	INCLINATION deg	FROM ft	TO ft		
13.5	0	1534	0	0	583		
8.75	1534	8169	0 - 5	583	1149		
			5	1149	1434		
			5 - 20	1434	2880		
			20 - 22	2880	3445		
			20 - 0	3445	4766		
CASING RECORD			0 - 2	4766	7031		
CASING SIZE in	FROM ft	TO ft	0 - 90	7031	8169		
9.625	0	1534					
			DRILLING CO.: CADE				
			RIG: 24				
			LWD UNIT NO.: KIT MUD PUDISTRICT: CASPER				
			SPUD DATE: 10/04/2018				
			LWD START DATE: 12/12/2018				
			LWD END DATE: 12/15/2018				
			DEPTH: 1534 ft				
			DEPTH: 8169 ft				
			TOTAL DEPTH: 8169 ft				

Run Data							
RUN NUMBER	1						
START DATE	12/12/2018						
START TIME	23:00						
END DATE	12/15/2018						
END TIME	1:45						
DEPTH IN (ft)	1534						
DEPTH OUT (ft)	8169						
LOG TOP (ft)	1534						
LOG BOTTOM (ft)	8169						
HOLE SIZE (in)	8.75						
MUD DATA @ (ft)	7628						
MUD TYPE	WATER BASED						
DENSITY (lb / gal)	10						
VISCOSITY (s / qt)	42						
pH	8.5						
FLUID LOSS (cm3 / 30)	0						
SALINITY (mg / L)	400						
Rm (ohmm @ deg F)	-						
Rmf (ohmm @ deg F)	-						
MAX TEMP (deg F)	165.94						
Rm @ MAX TEMP (ohmm)	-						
LWD ENGINEER #1	R. BORNE						
LWD ENGINEER #2	M. BAILY						
LWD ENGINEER #3	P. FLAVIUS						
LOG WITNESS #1	-						
LOG WITNESS #2	-						

[illegible]

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.

HIGHPOINT RESOURCES
CRITTER CREEK 17-6005D
HEREFORD FIELD
WELD COUNTY, COLORADO
API # 05-123-47761

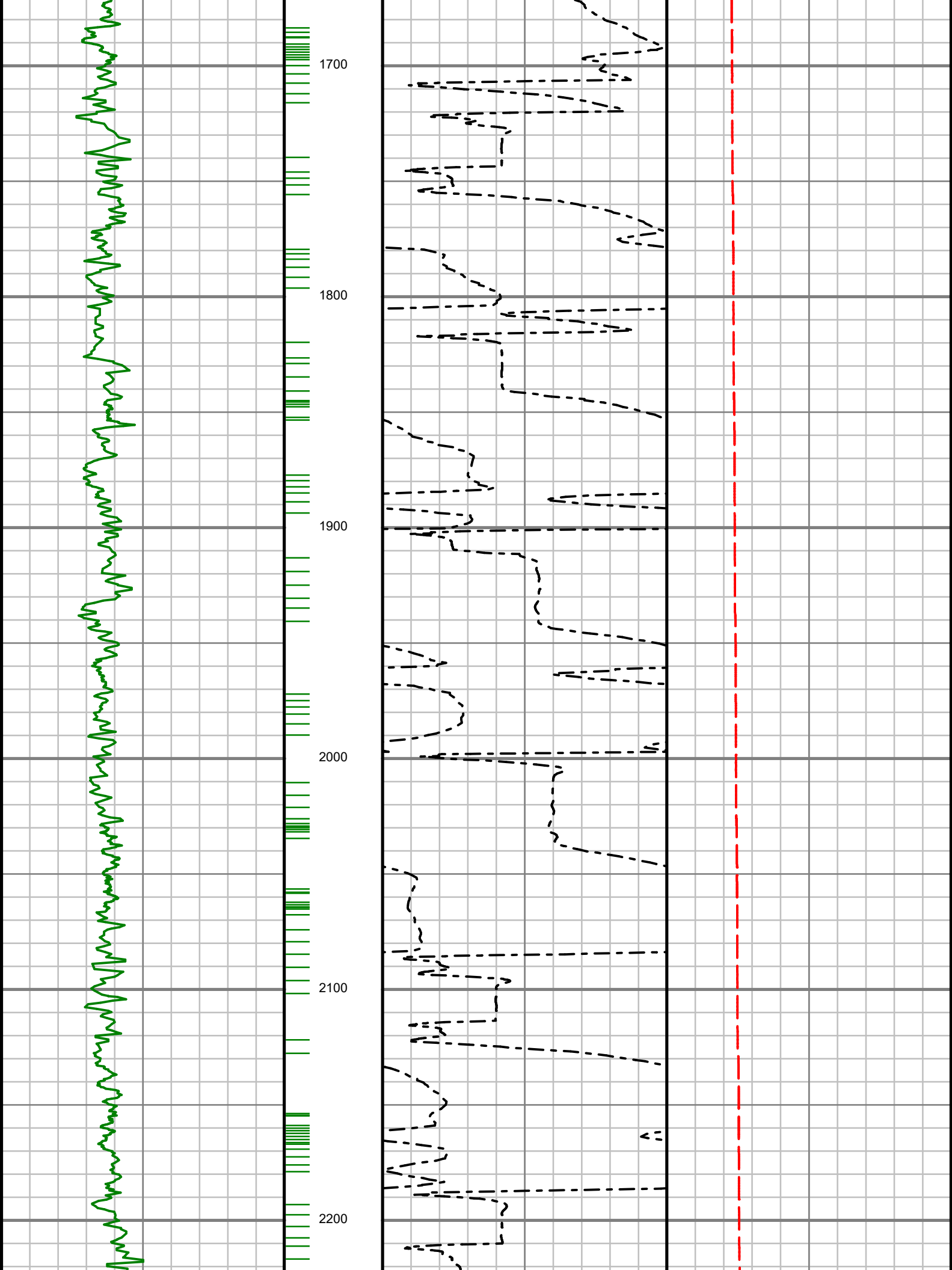
MEASURED DEPTH
1:600 (ft)

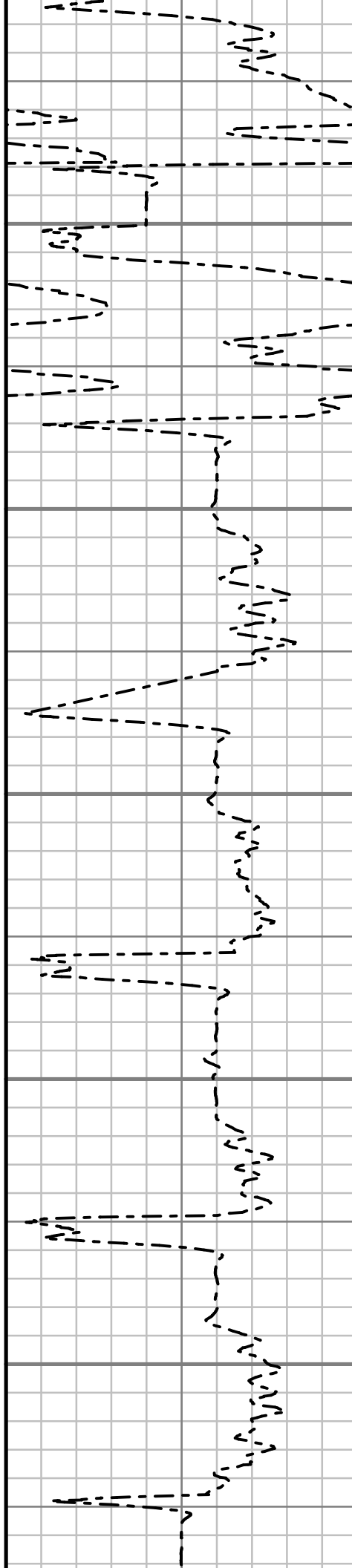
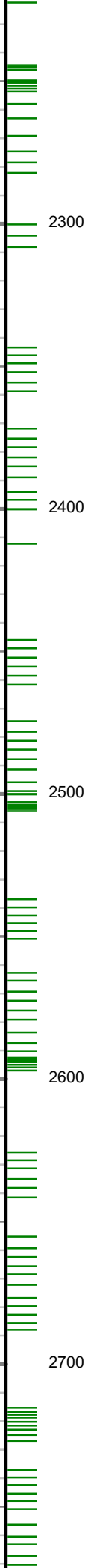
Gamma Ray Total (GR)
Unit = aapi

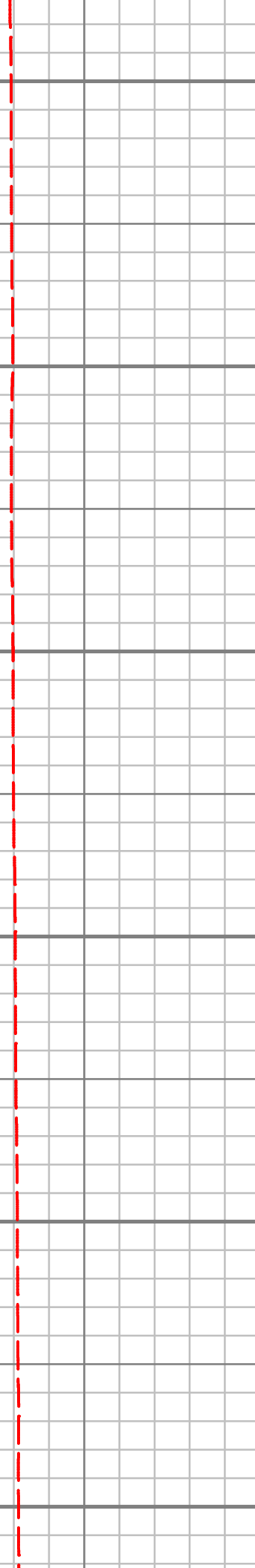
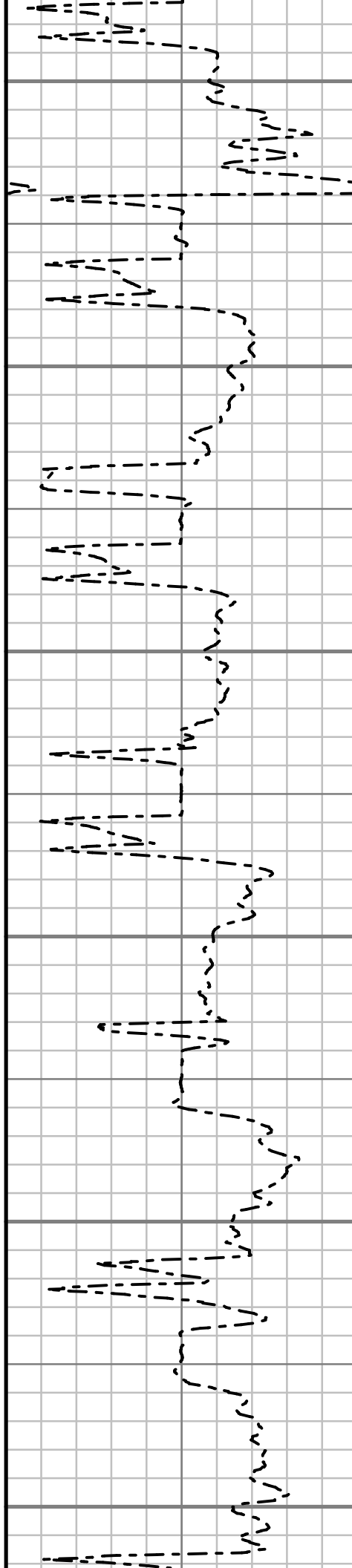
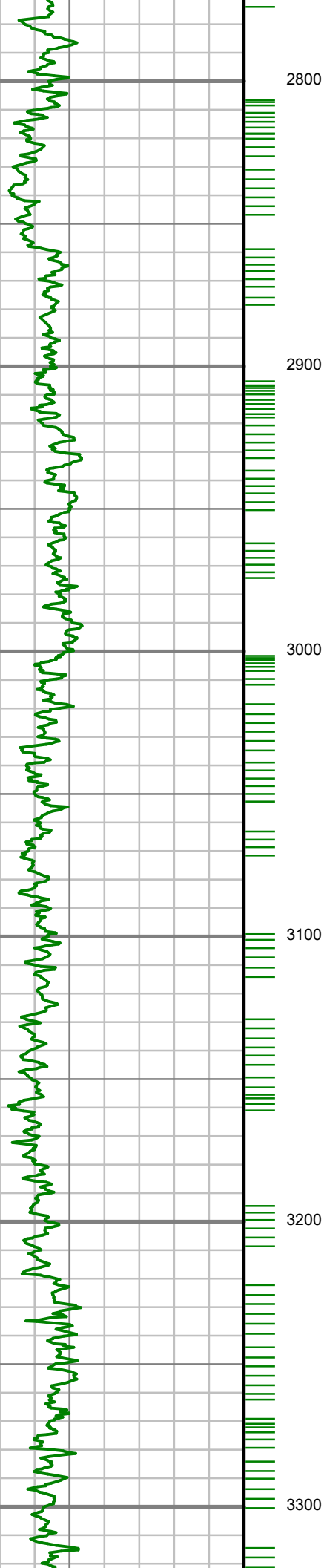
Rate of Penetration (ROP)
Unit = ft/hr

Tool Temperature (T-TEMP)
Unit = °F

MEASURED DEPTH (ft)	Gamma Ray Total (GR) (aapi)	Rate of Penetration (ROP) (ft/hr)	Tool Temperature (T-TEMP) (°F)
0	~10	~1000	~100
100	~10	~1000	~100
200	~10	~1000	~100
300	~10	~1000	~100
400	~10	~1000	~100
500	~10	~1000	~100
600	~10	~1000	~100
700	~10	~1000	~100
800	~10	~1000	~100
900	~10	~1000	~100
1000	~10	~1000	~100
1100	~10	~1000	~100
1200	~10	~1000	~100
1300	~10	~1000	~100
1400	~10	~1000	~100
1500	~10	~1000	~100
1600	~10	~1000	~100









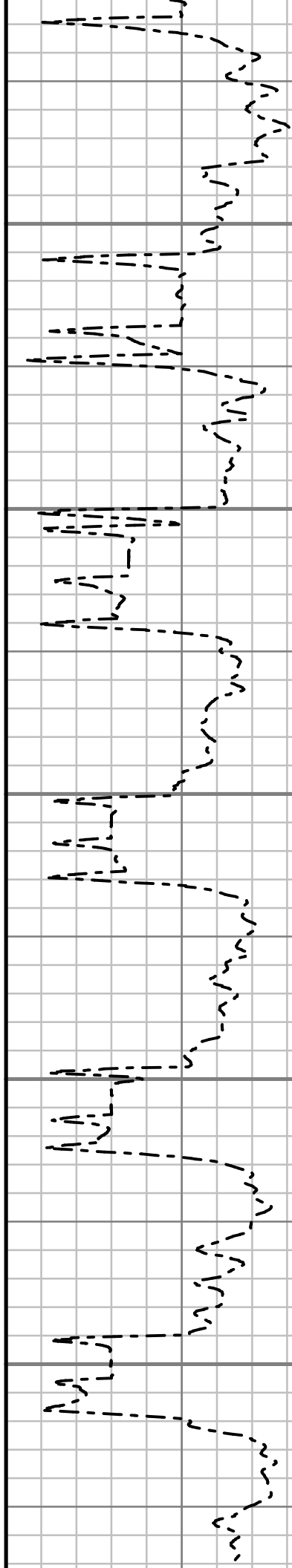
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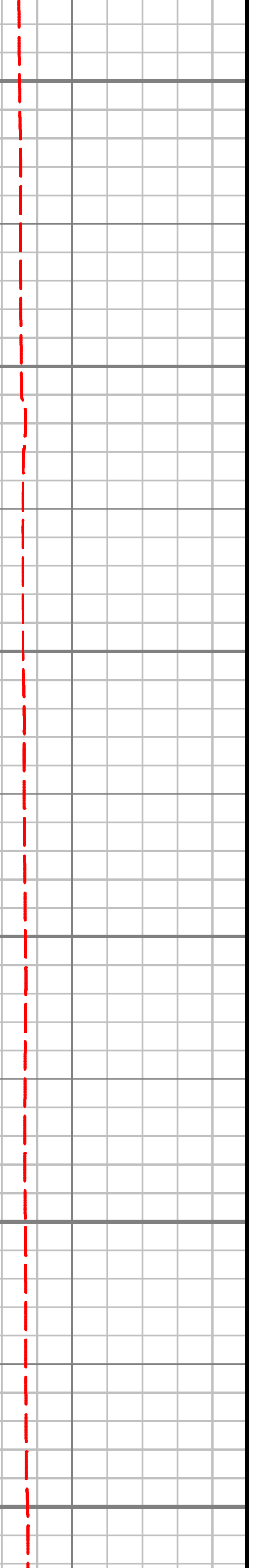
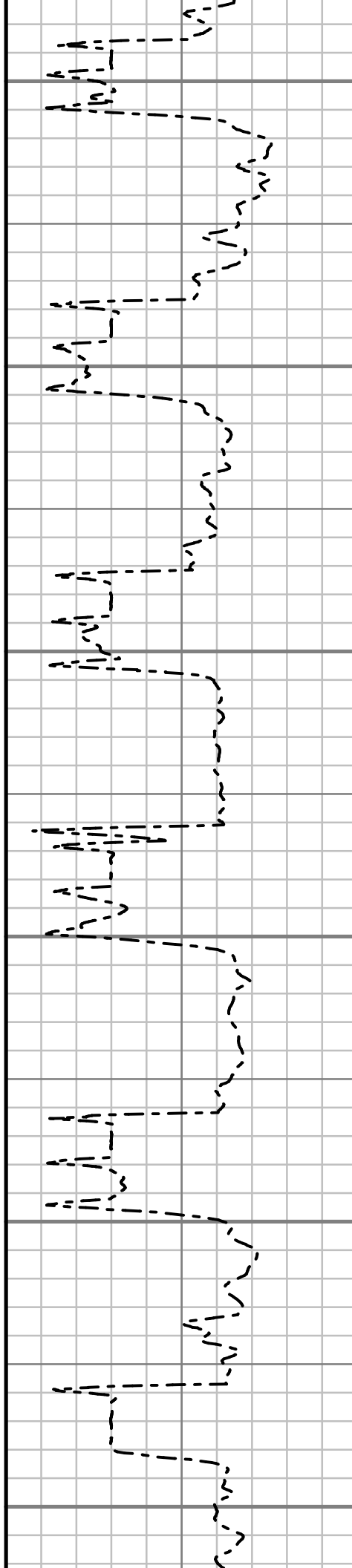
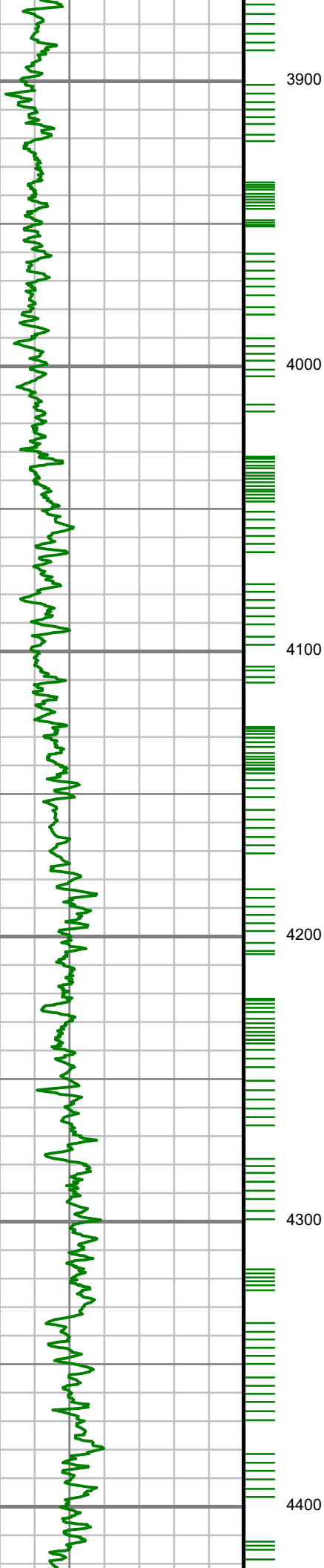
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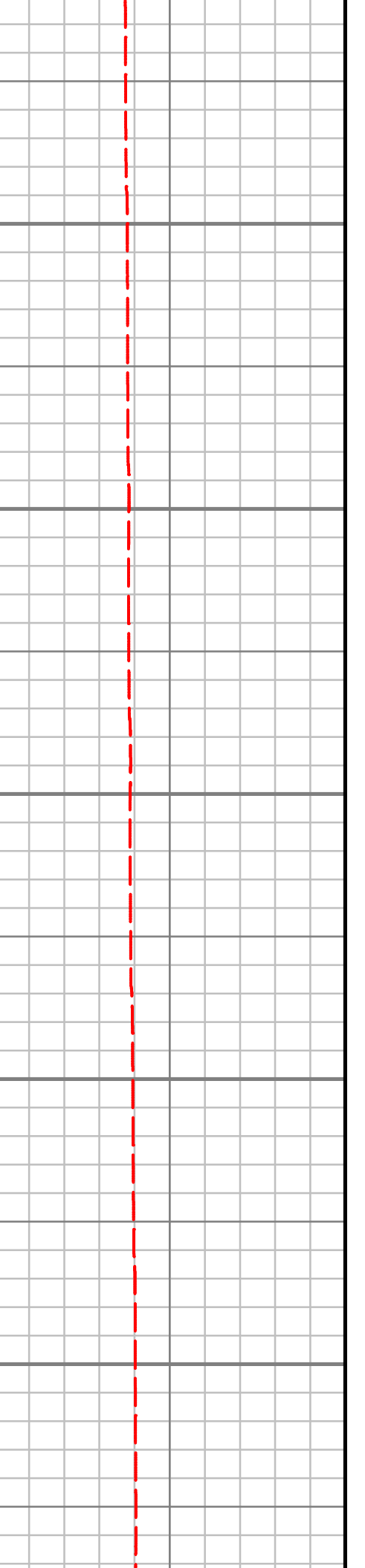
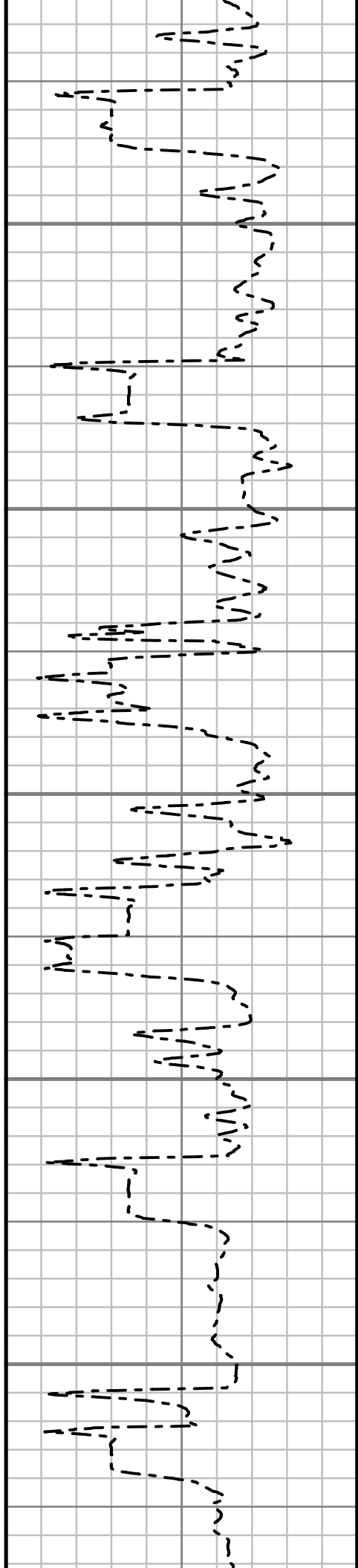
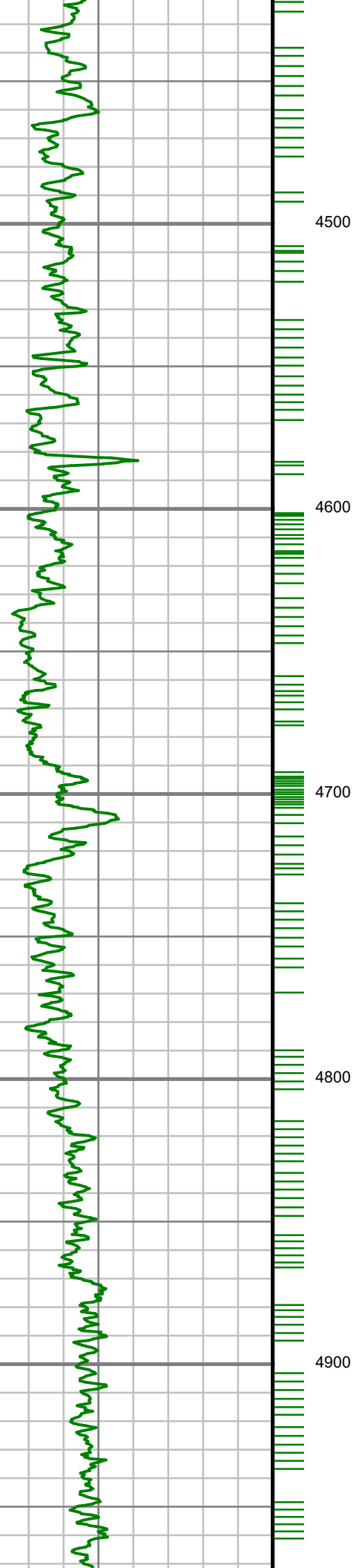
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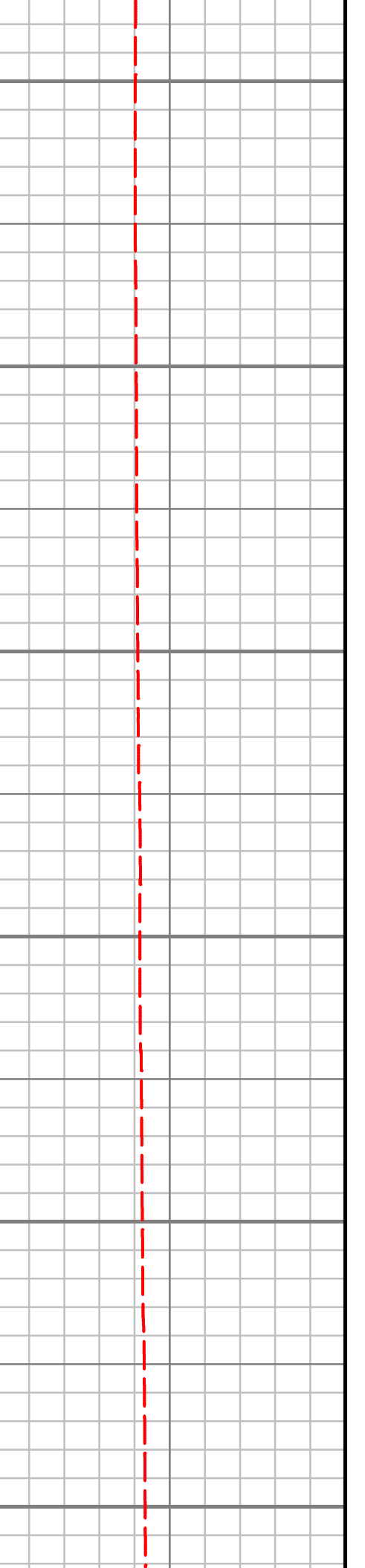
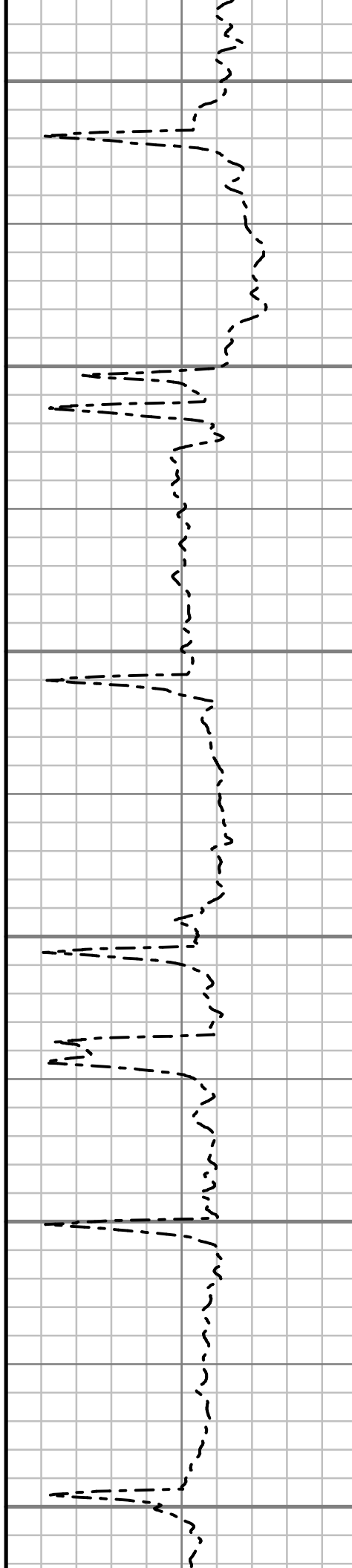
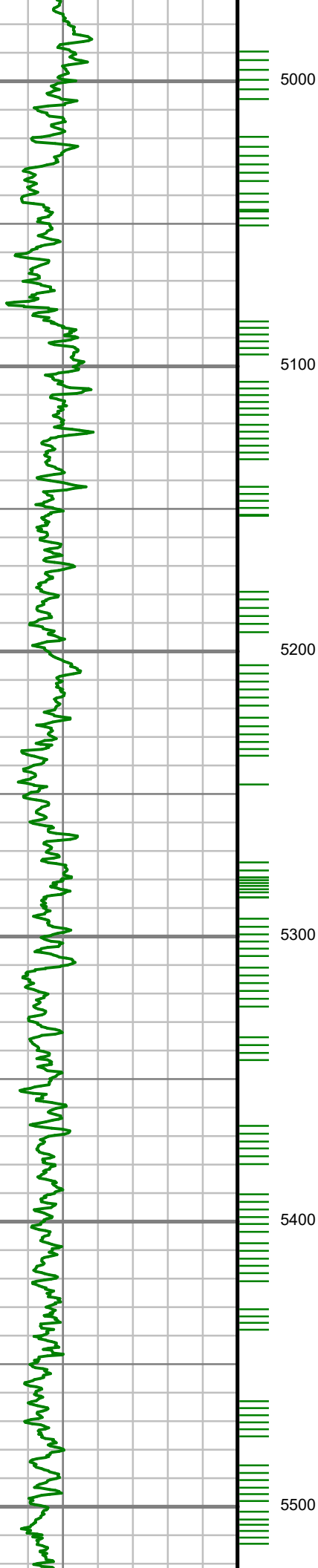
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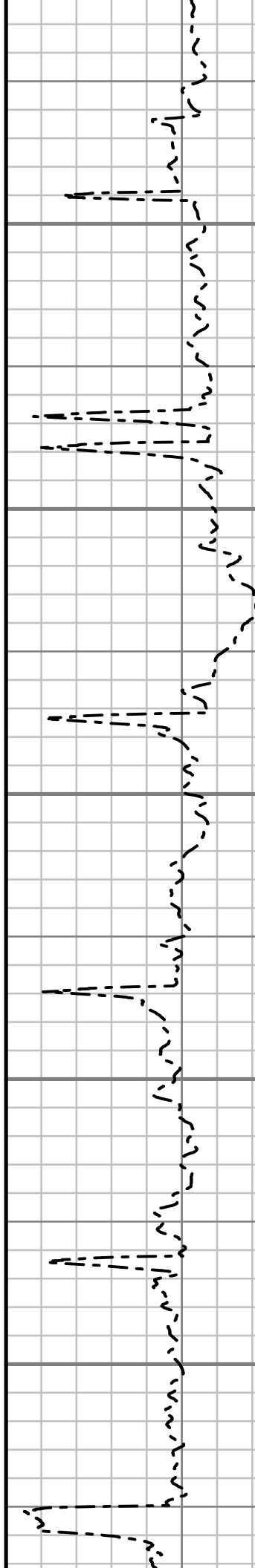
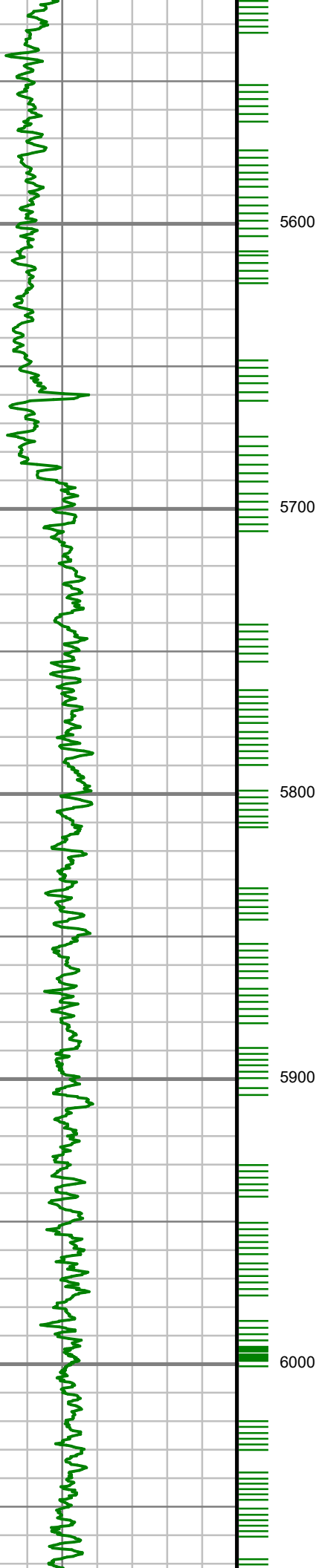
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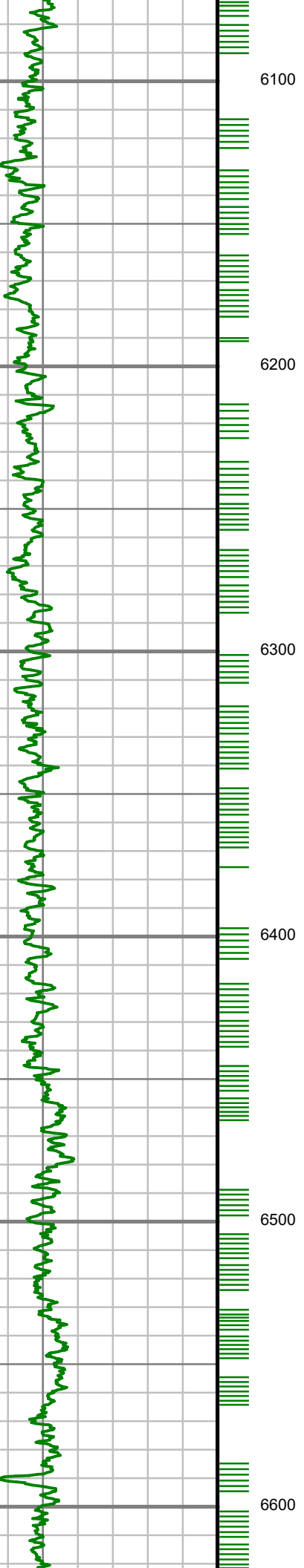


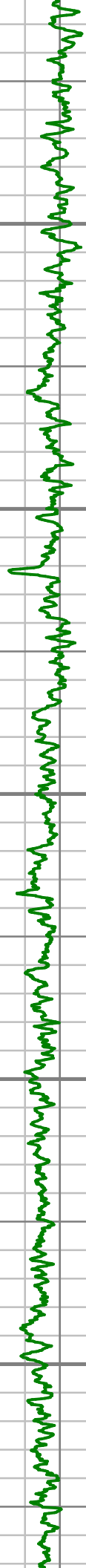












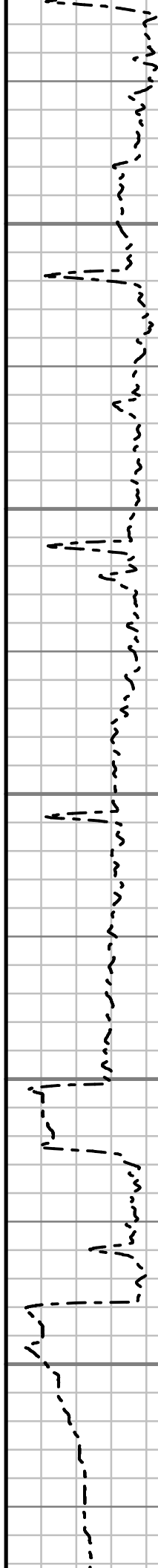
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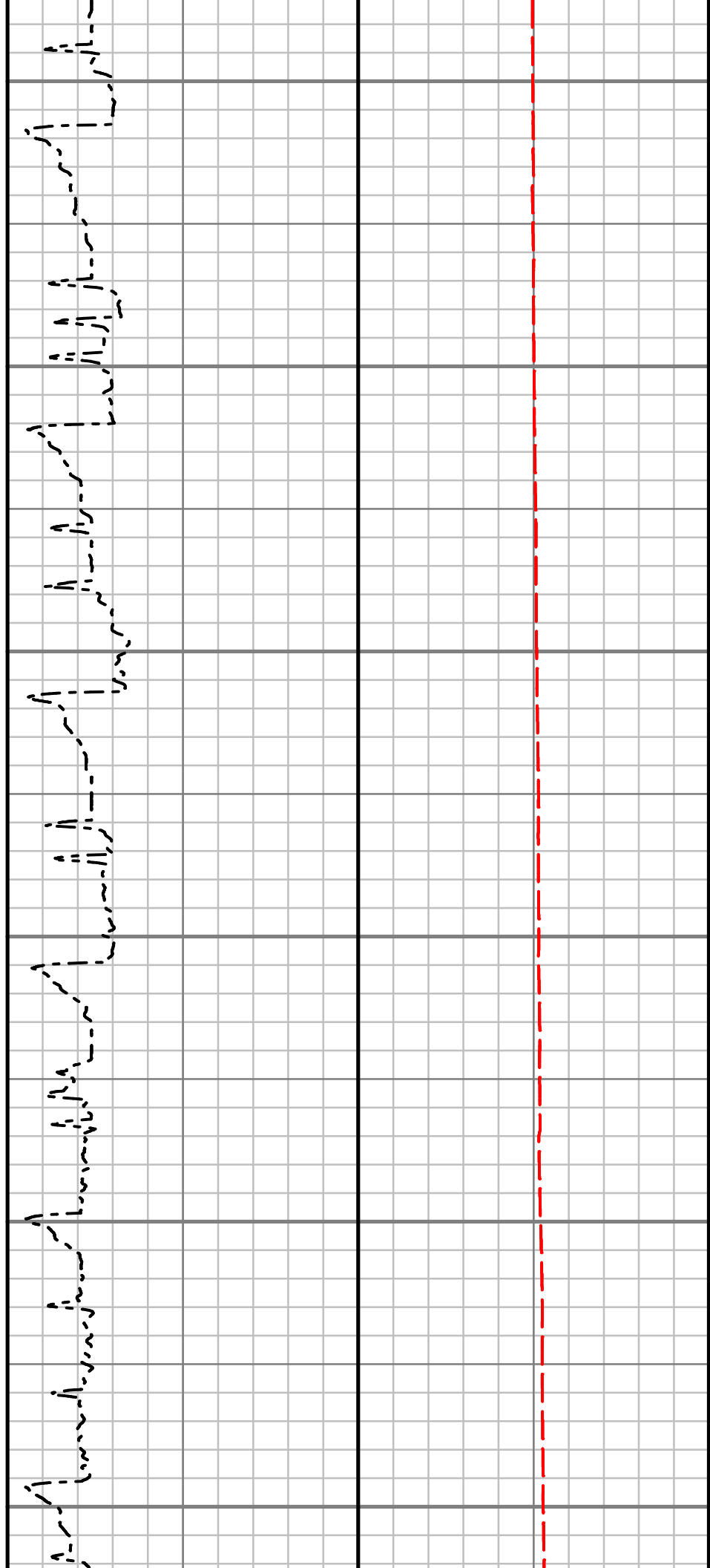
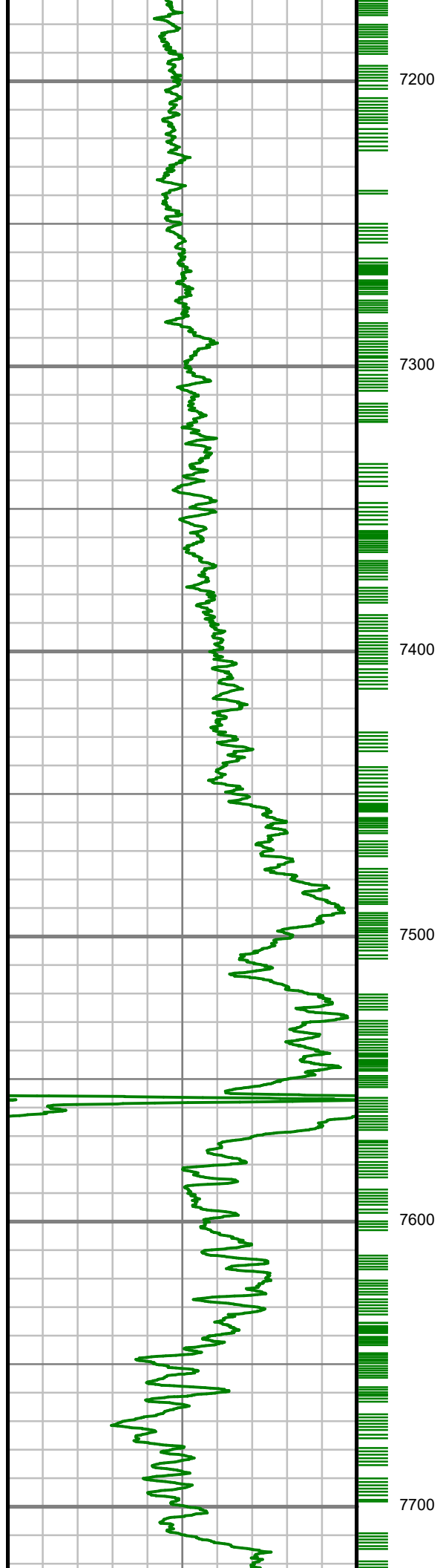
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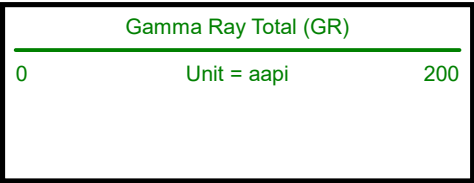
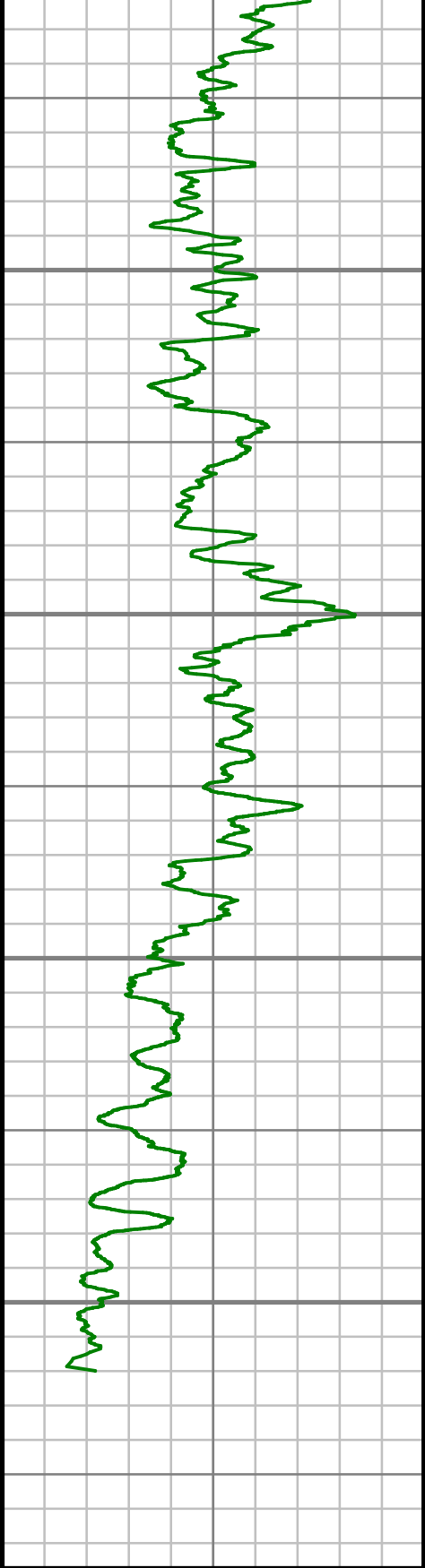
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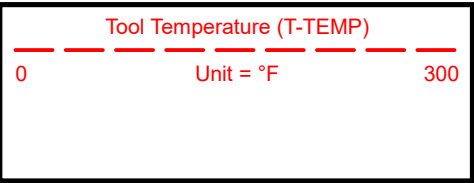
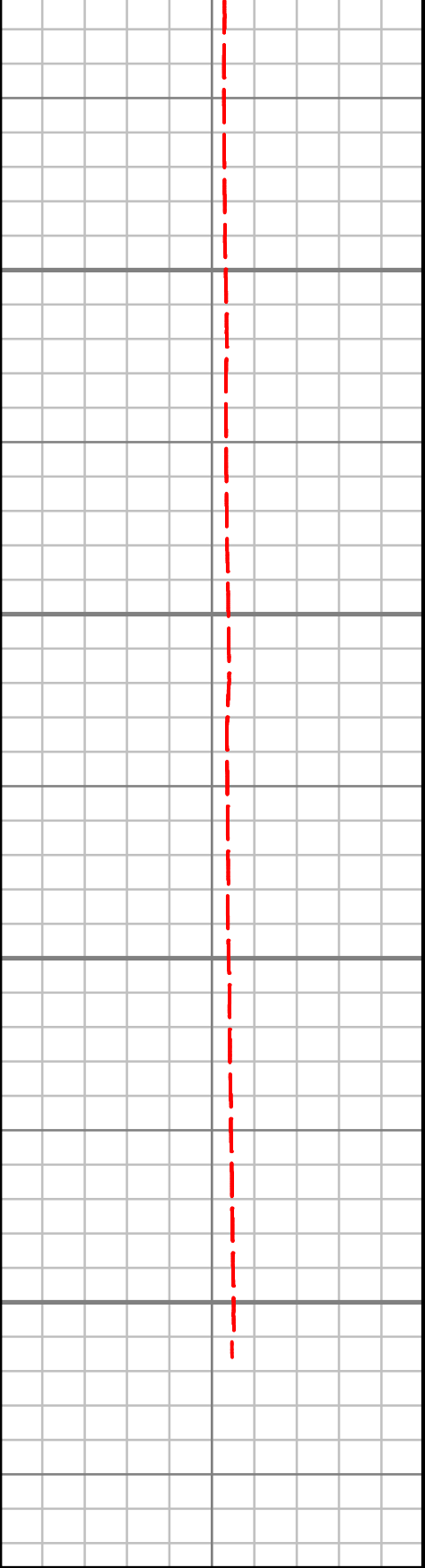
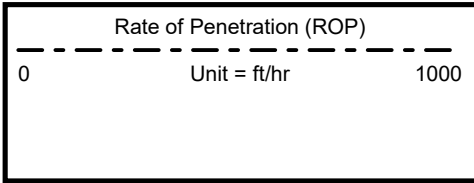
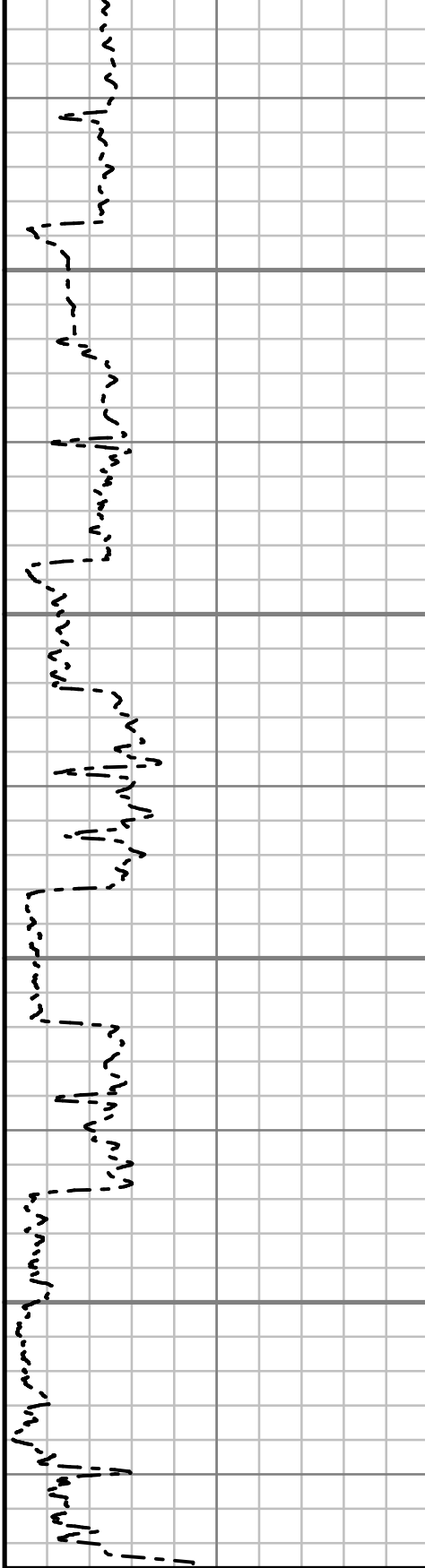
7100







MEASURED DEPTH
1:600 (ft)



GAMMA RAY

2" = 100' MD