



SUPERIOR
Hays,
Kansas

SONIC LOG

Company		MULL DRILLING COMPANY, INC.	
Well		BECKER #1-27	
Field		WHITNEY WEST	
County		GOVE	
State		KANSAS	
Location:		AP1 # : 15-063-21901-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		990' FNL & 579' FEL	
Drilling Measured From		W/2 - SE - NE - NE	
SEC 27		TWP 15S	
RGE 27		Elevation	
K.B. 2496		CDL/CNL/PE	
D.F. 2494		DIL/MEL	
G.L. 2488		Elevation	
Date		6/30/11	
Run Number		TWO	
Depth Driller		4450	
Depth Logger		4451	
Bottom Logged Interval		4438	
Top Log Interval		200	
Casing Driller		8 5/8"@226'	
Casing Logger		226	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/45	
pH / Fluid Loss		8.5/12.4	
Source of Sample		FLOWLINE	
Rm @ Meas. Temp		1.00@100F	
Rmt @ Meas. Temp		.750@100F	
Rmc @ Meas. Temp		1.20@100F	
Source of Rmt / Rmc		MEASUREMENT	
Rm @ BHT		.833@120F	
Time Circulation Stopped		4.5 HOURS	
Time Logger on Bottom		7:45 P.M.	
Maximum Recorded Temperature		120F	
Equipment Number		4010	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
Witnessed By		BOB STOLZLE	

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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 interpretation, 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 set out in our current Price Schedule.

Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395

DIRECTIONS

PENDENNIS, KS. (E. SIDE ON HWY 4) 6 1/2N. ON "RED CHIEF RD.", TO " RD. C", 1 1/2E., TAKE CURVE S. THEN W. INTO

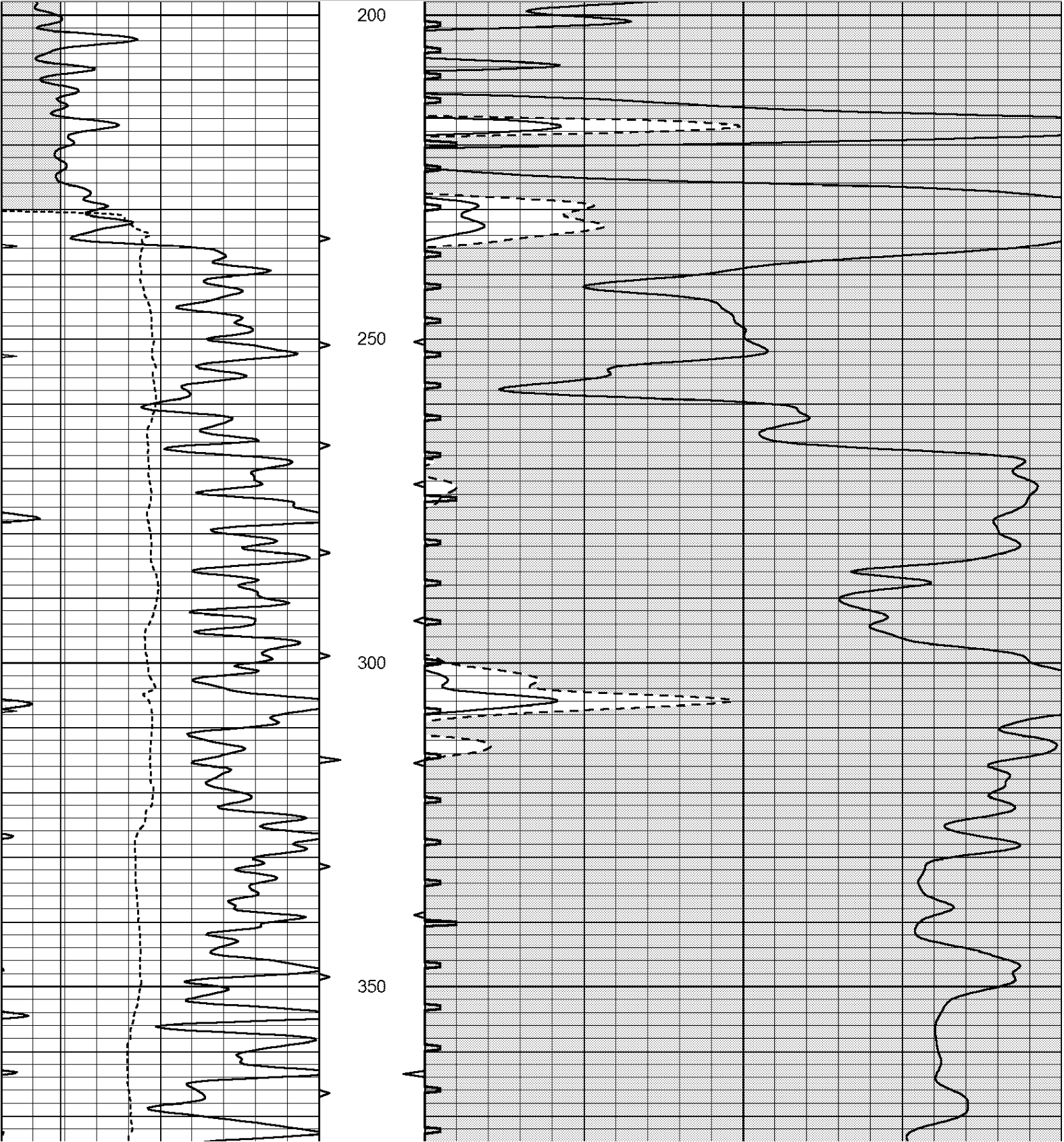


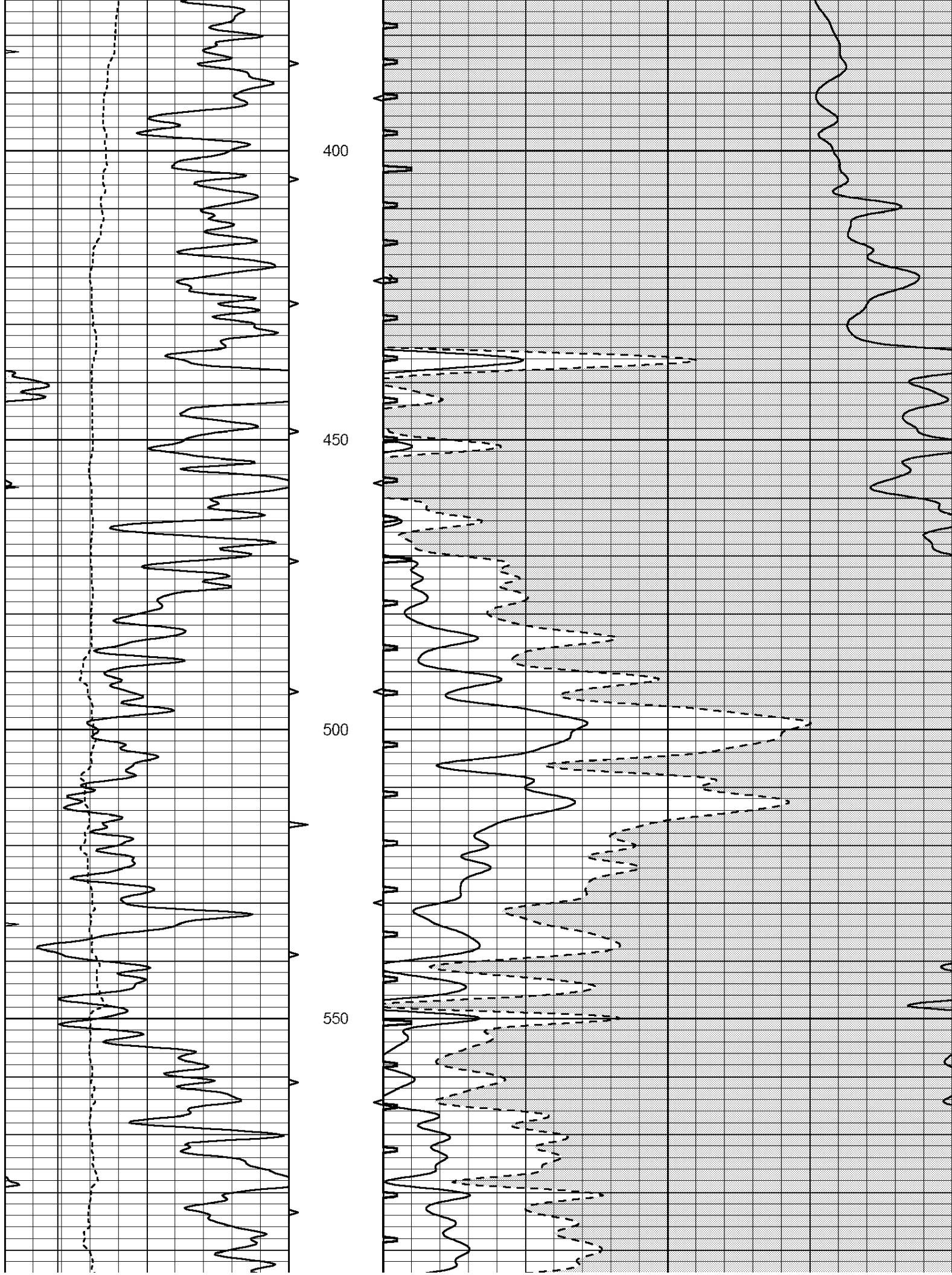
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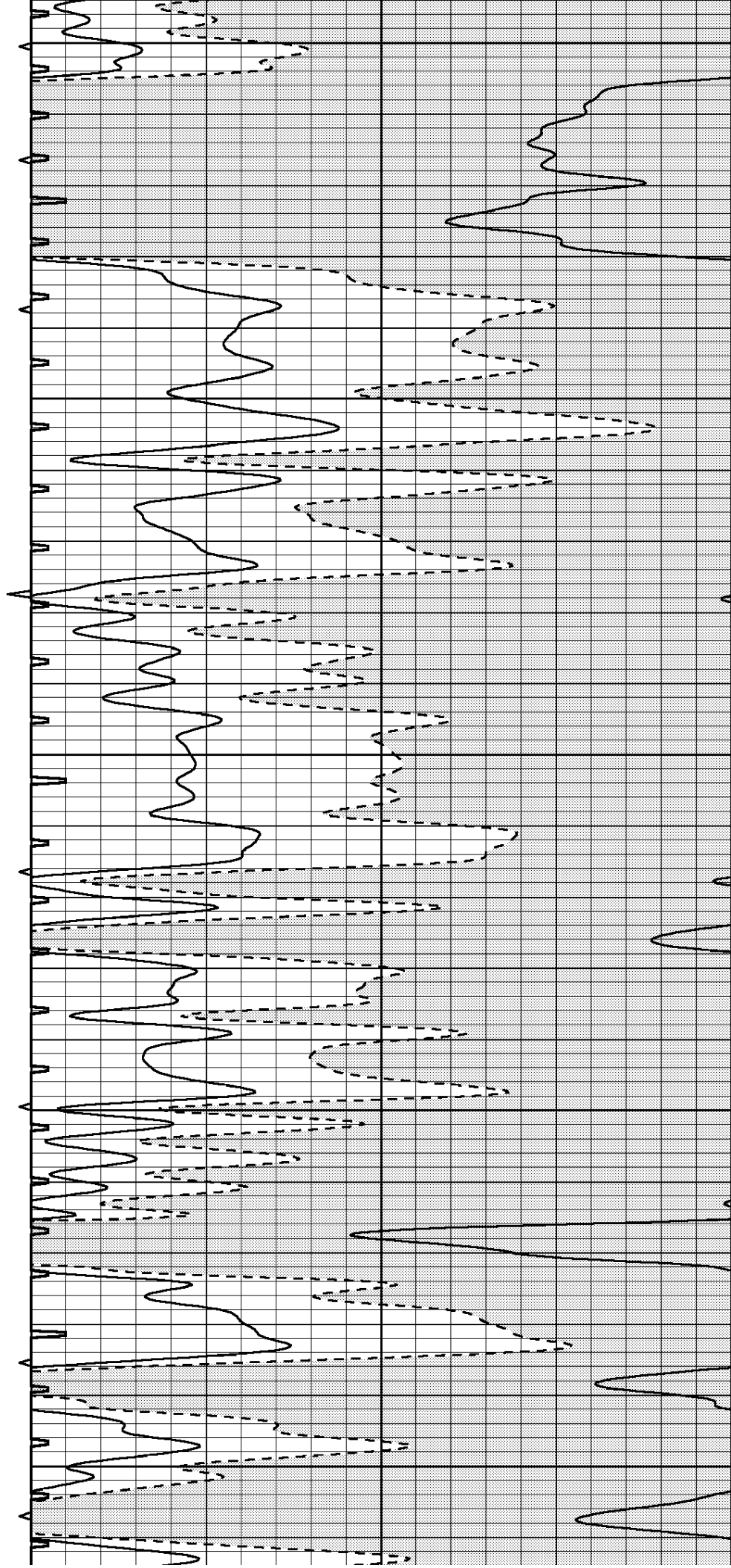
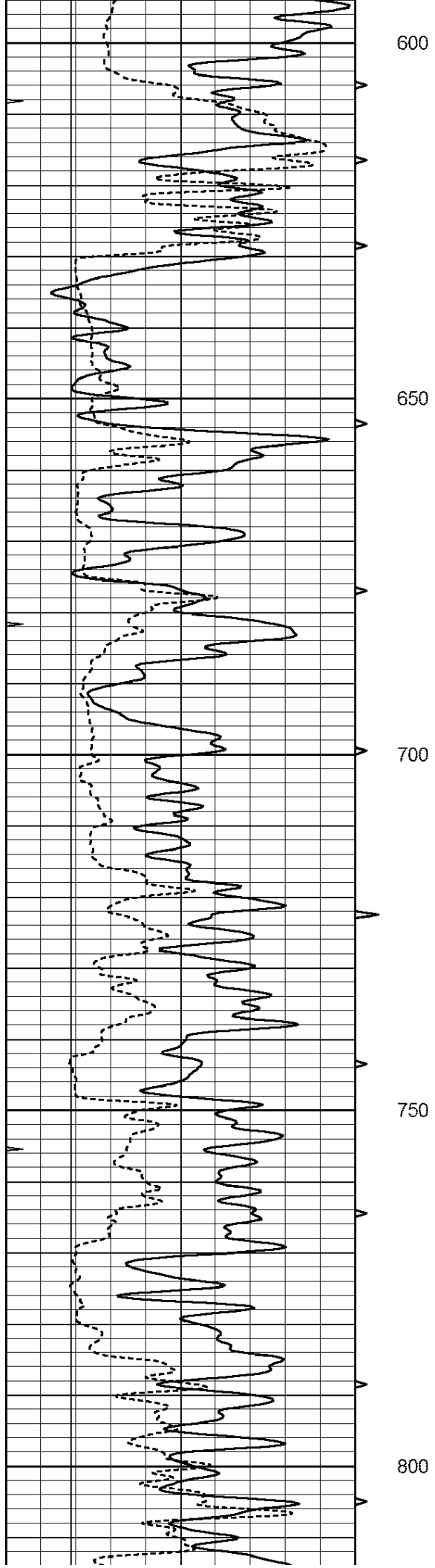
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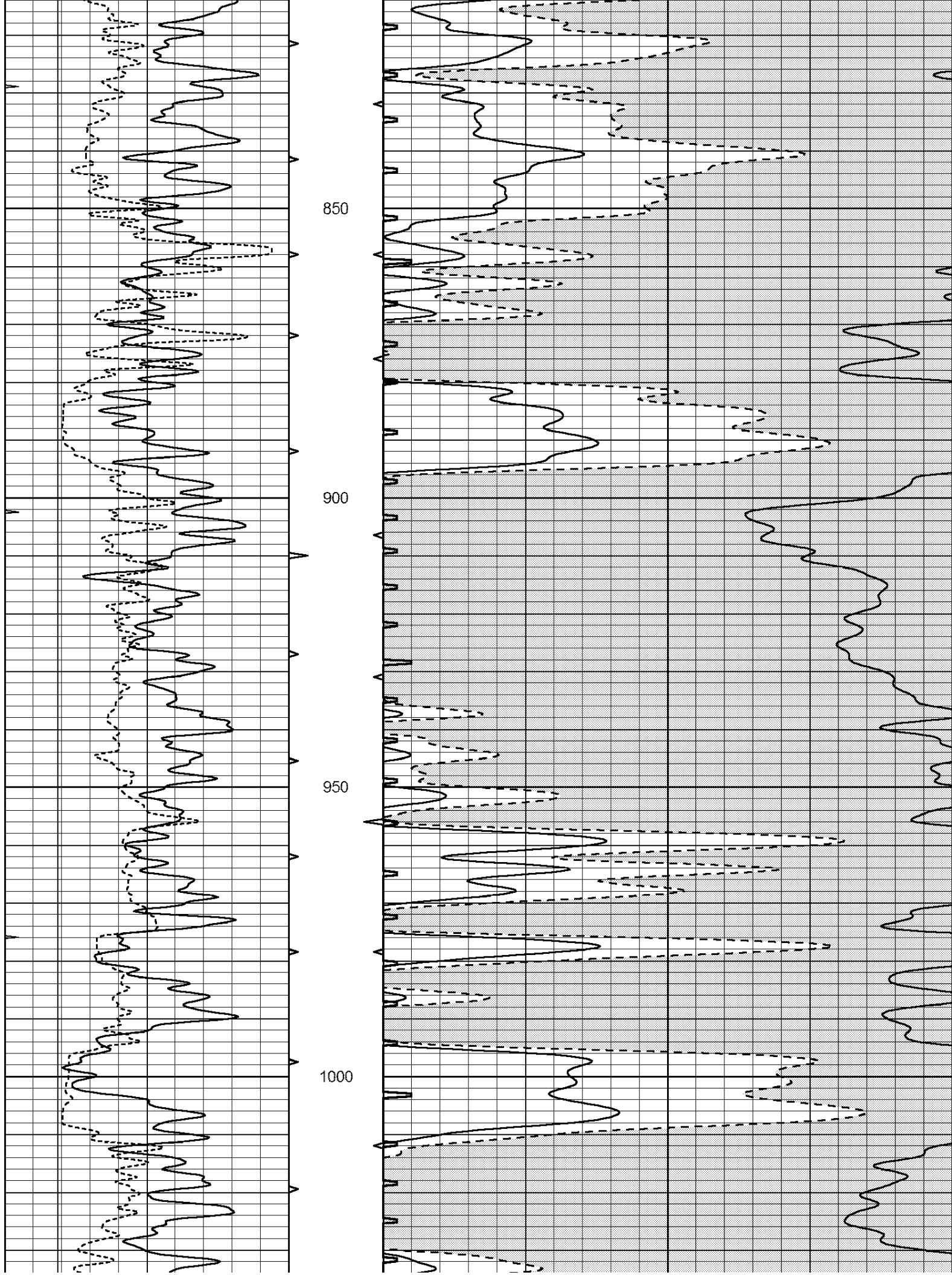
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Charted by: Depth in Feet scaled 1:240

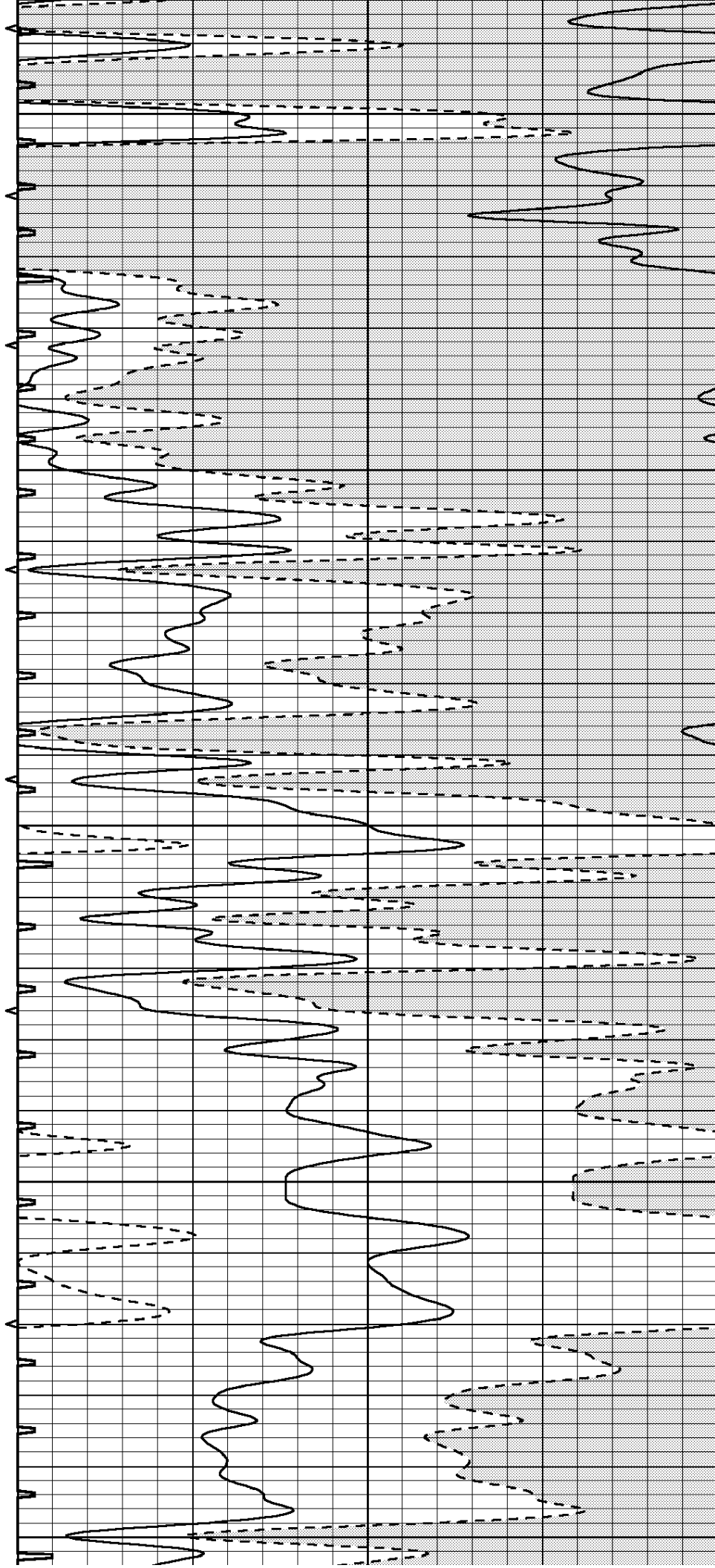
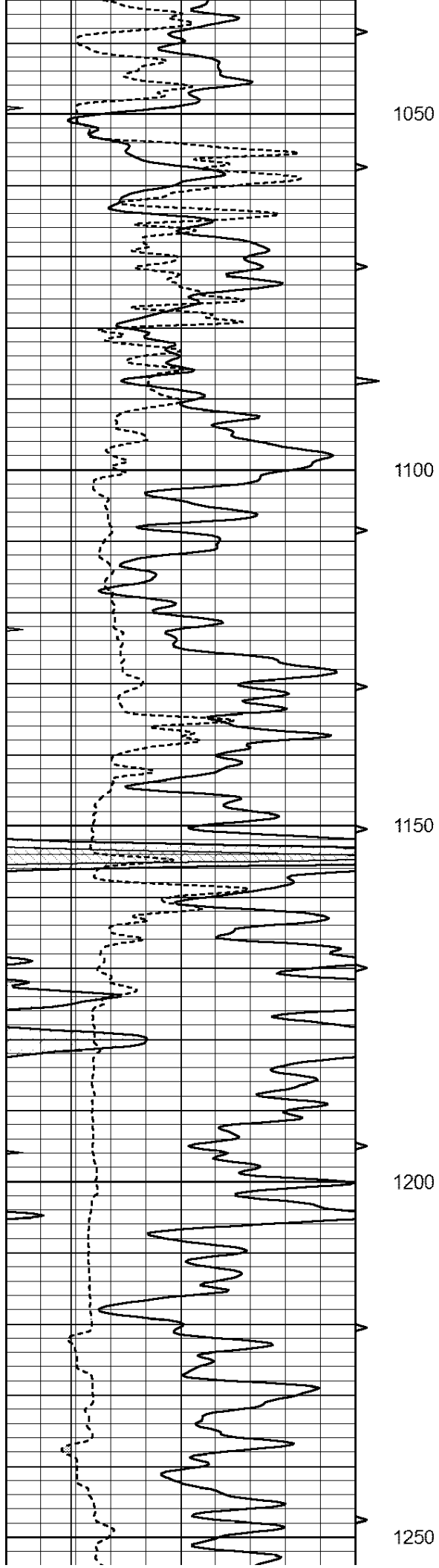
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

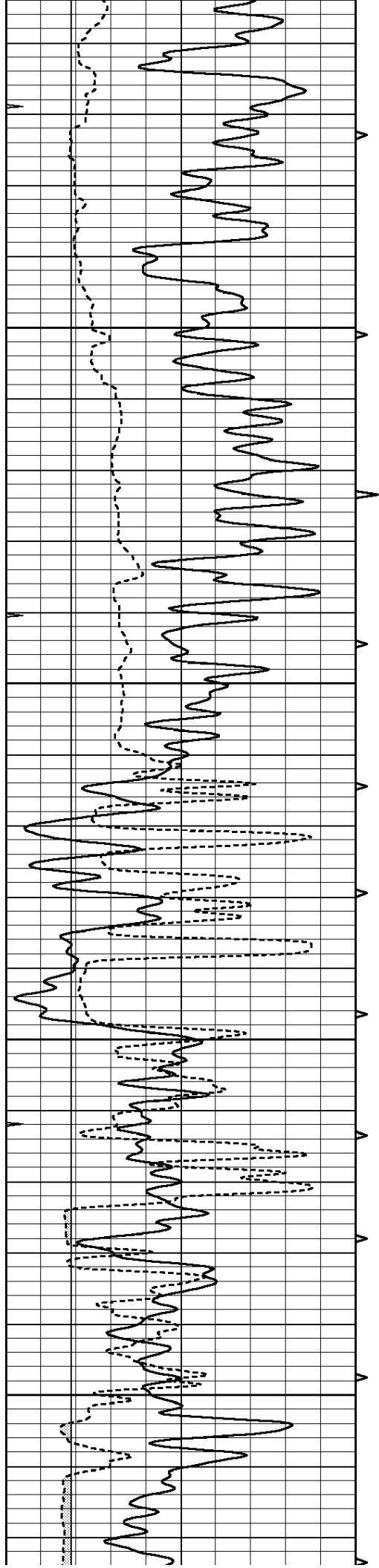










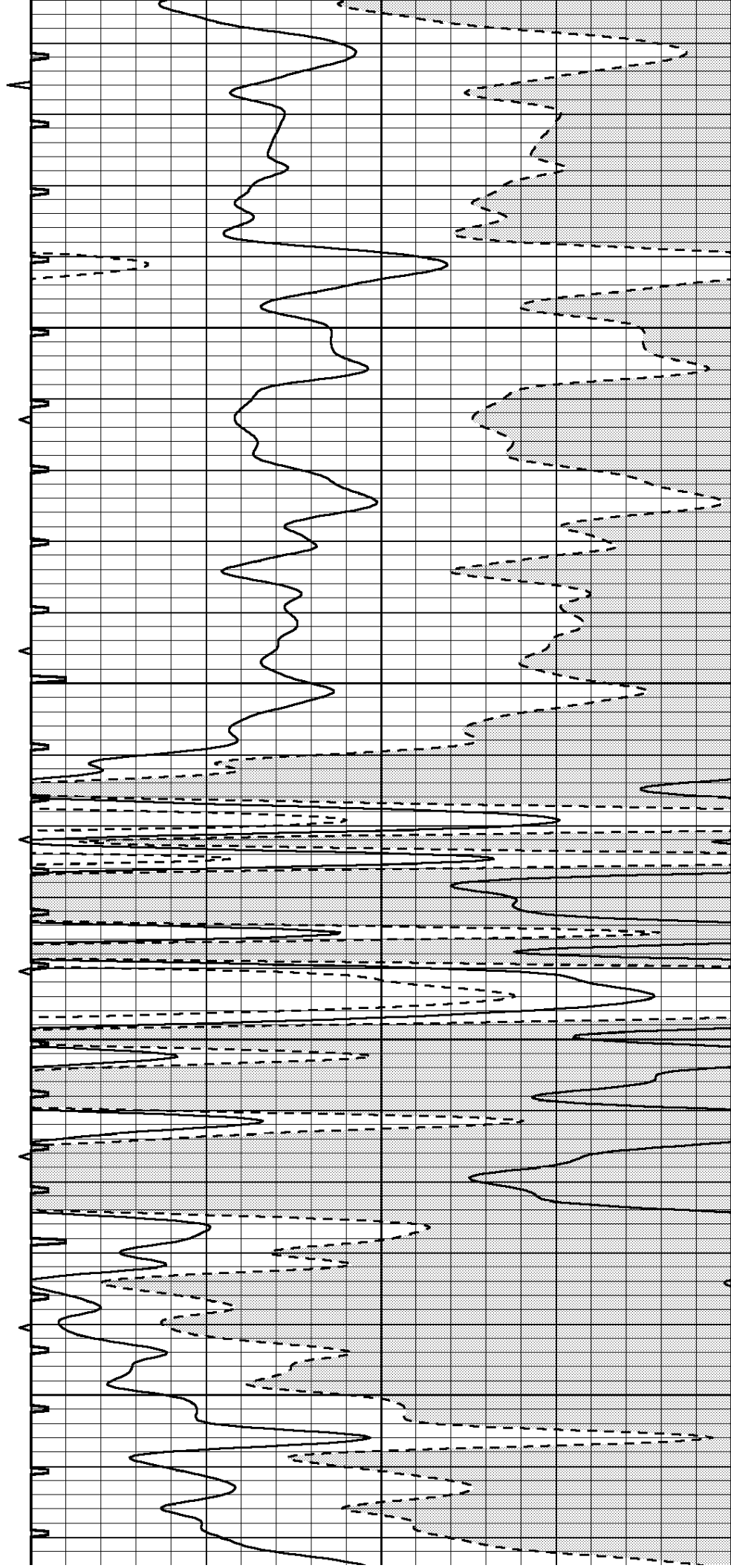


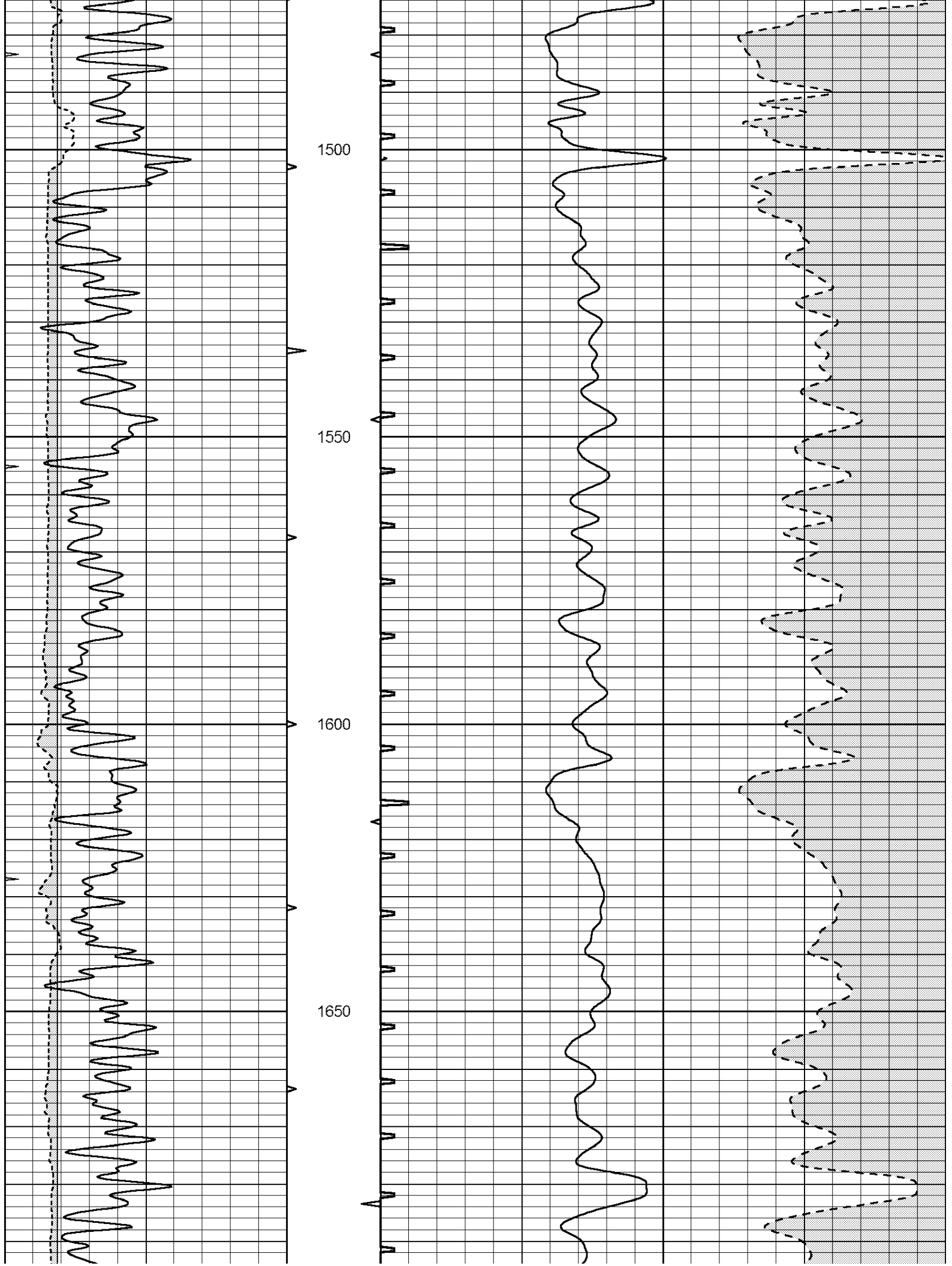
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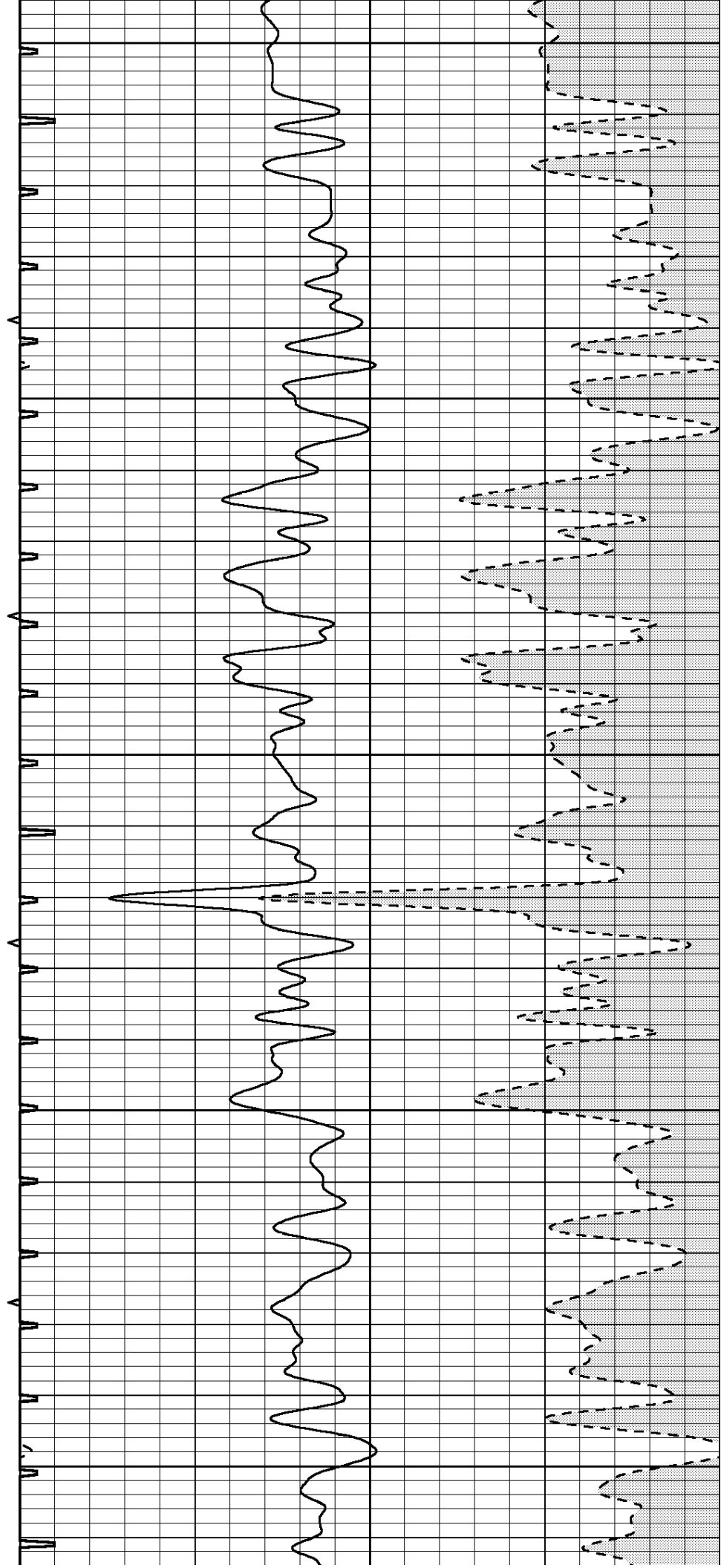
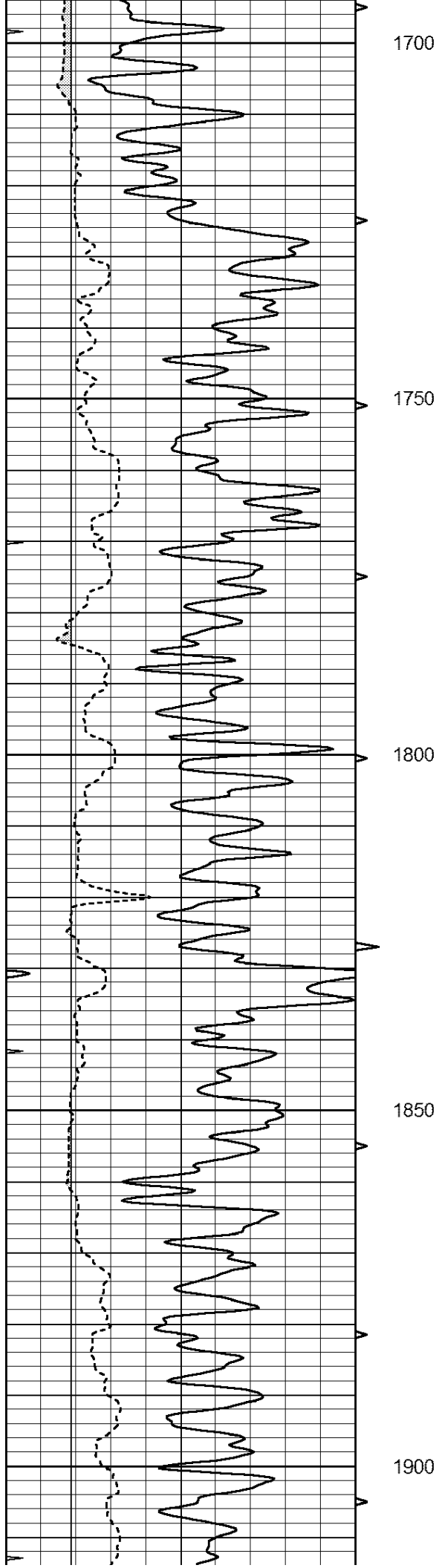
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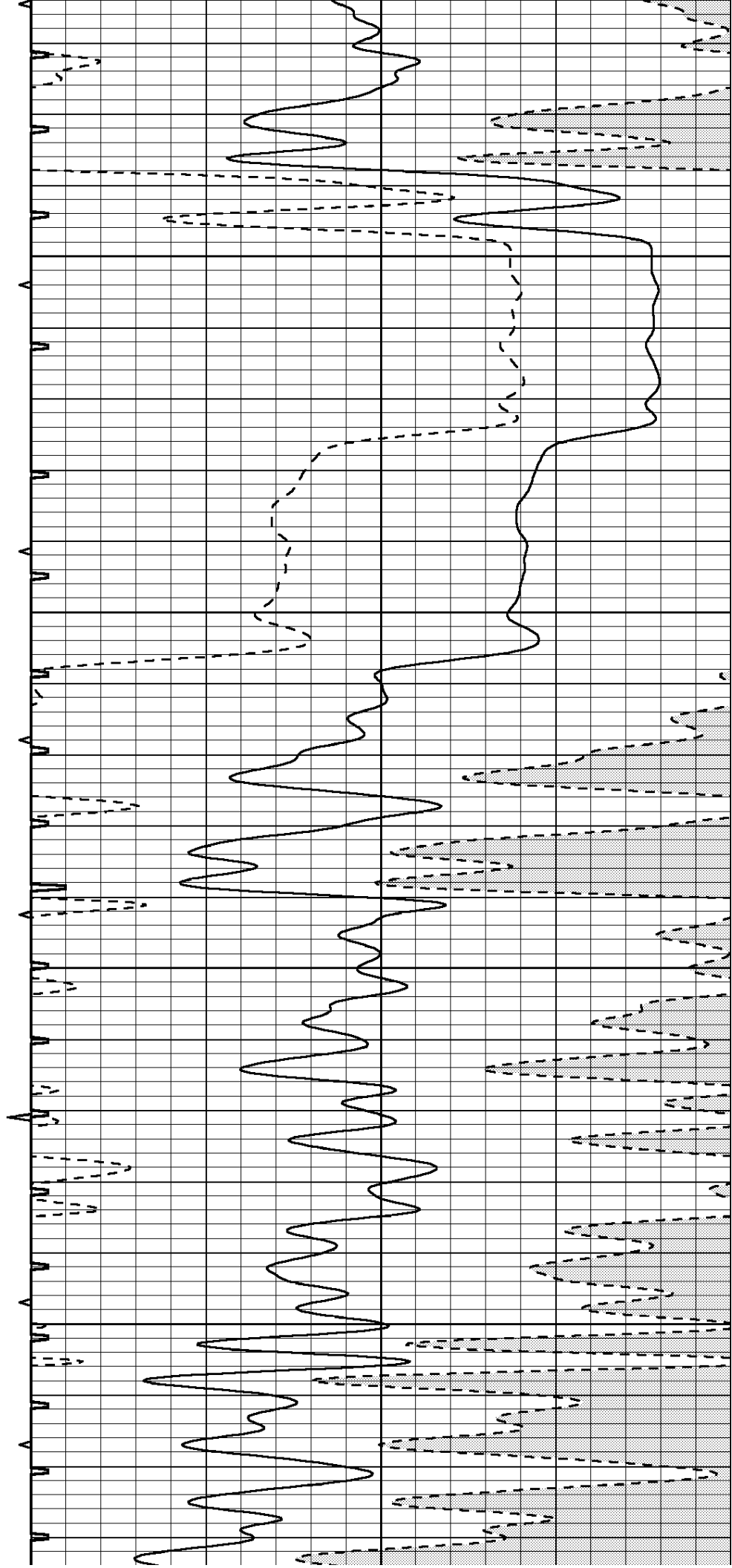
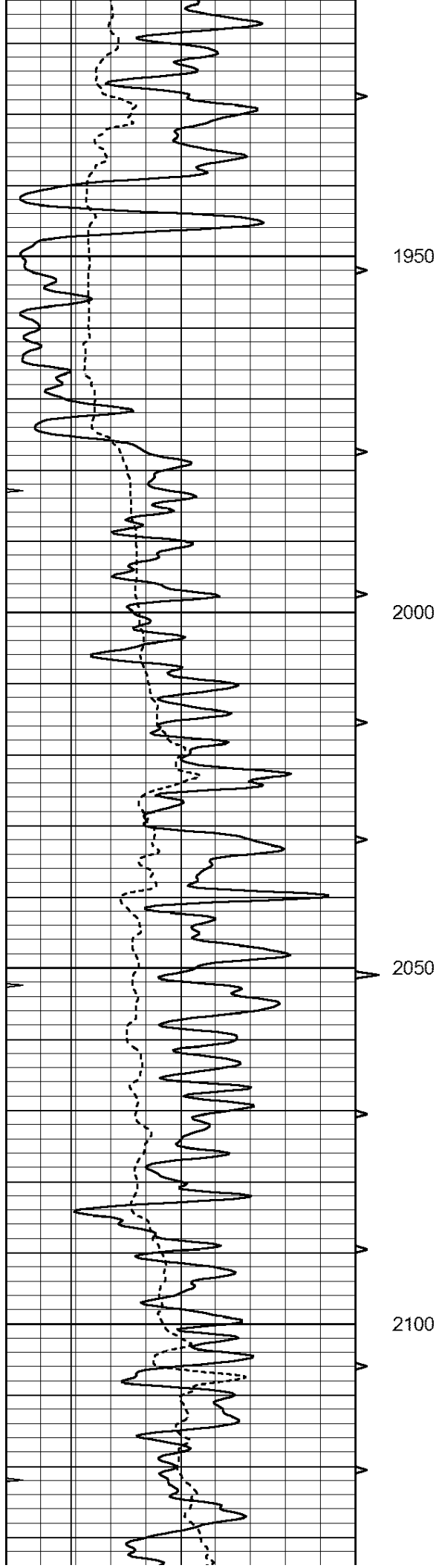
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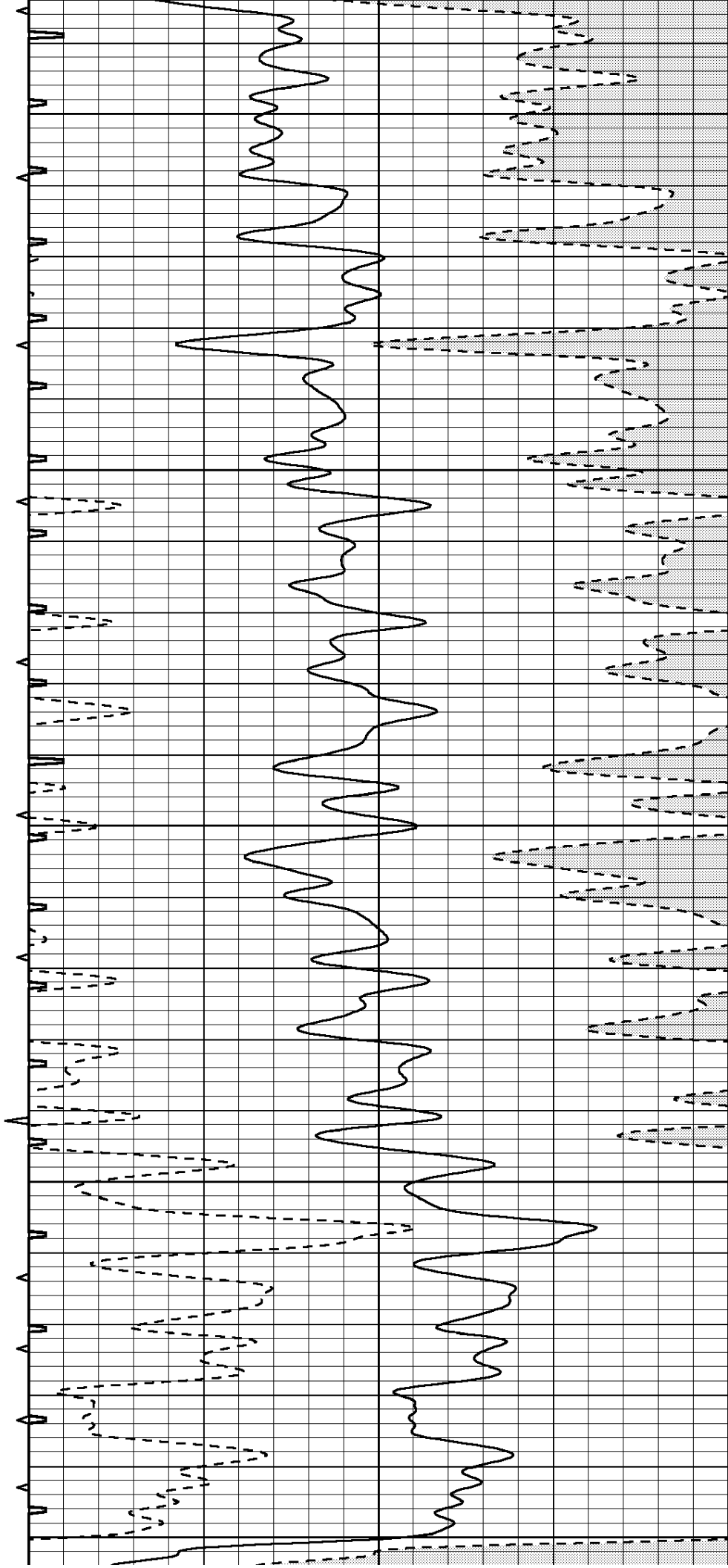
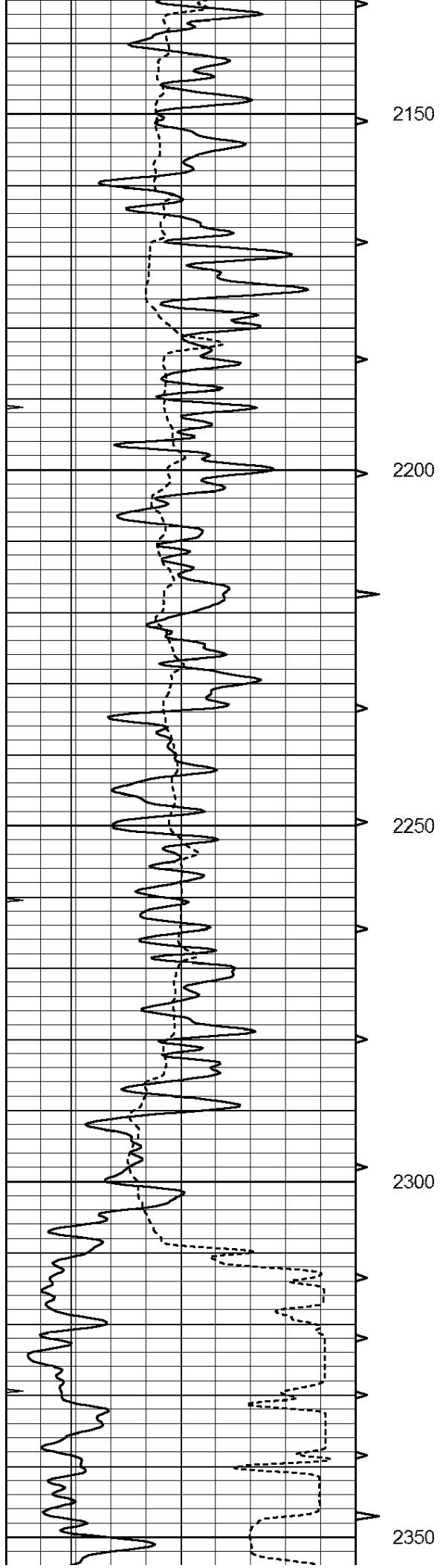
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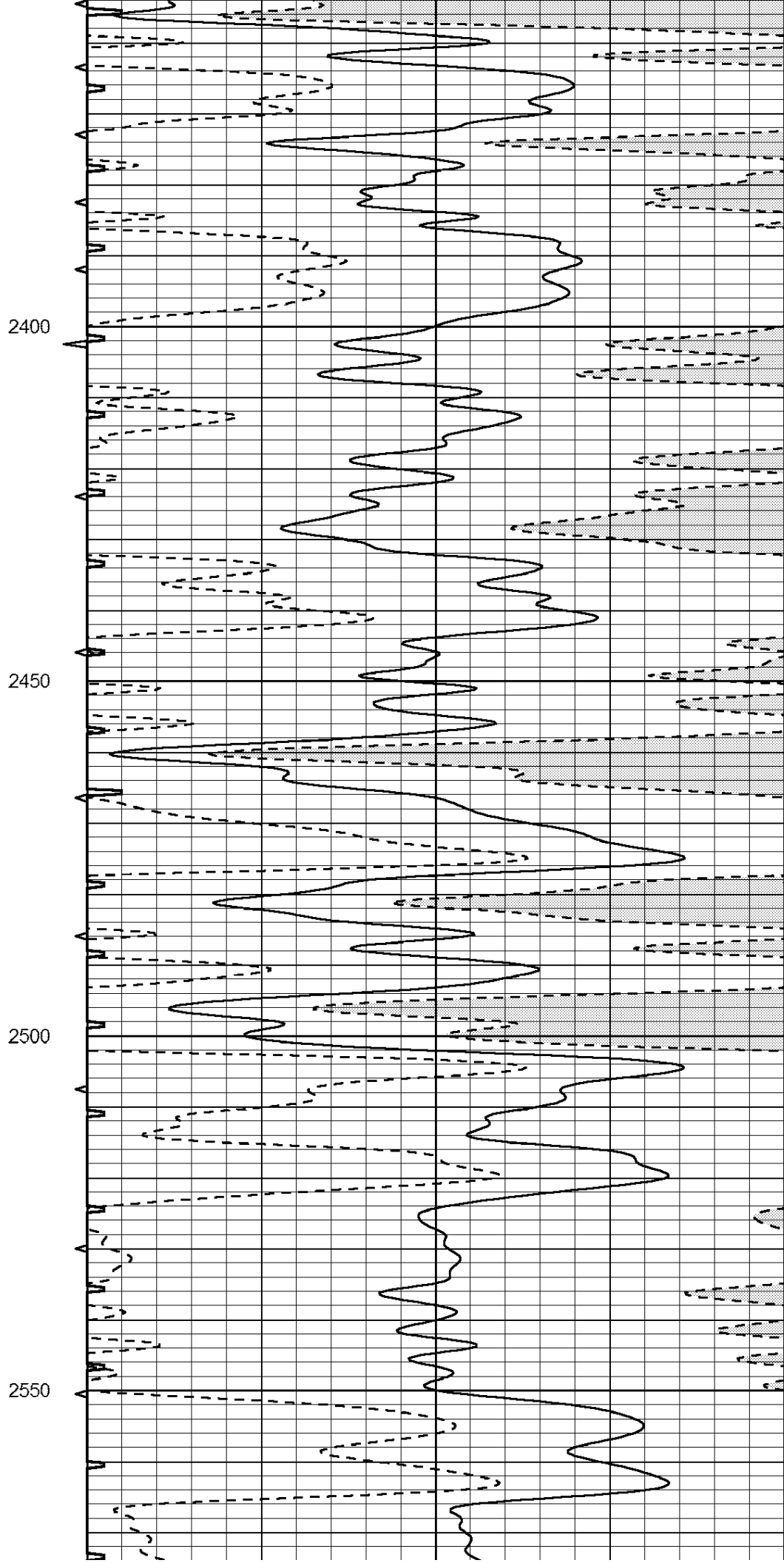
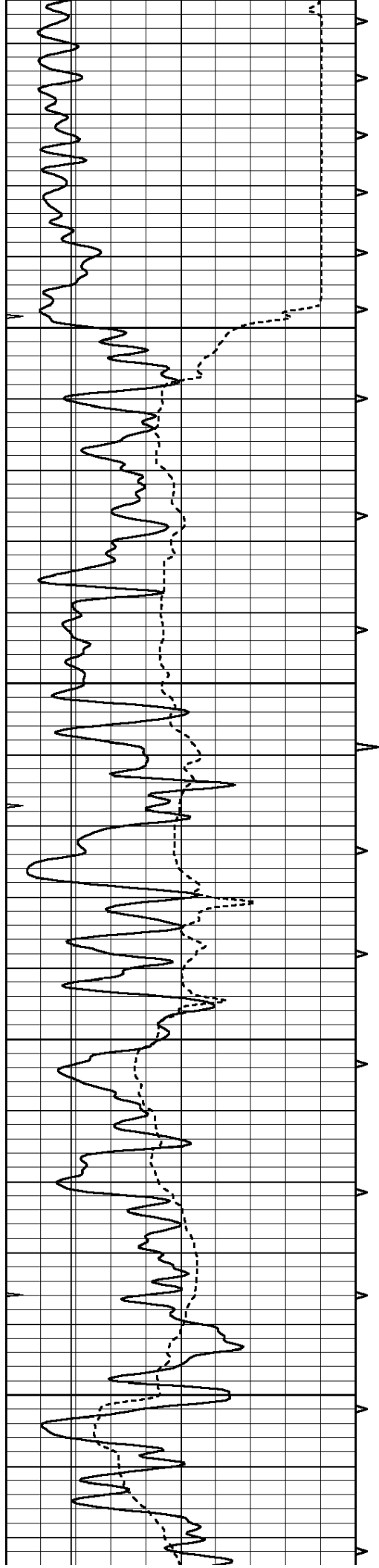


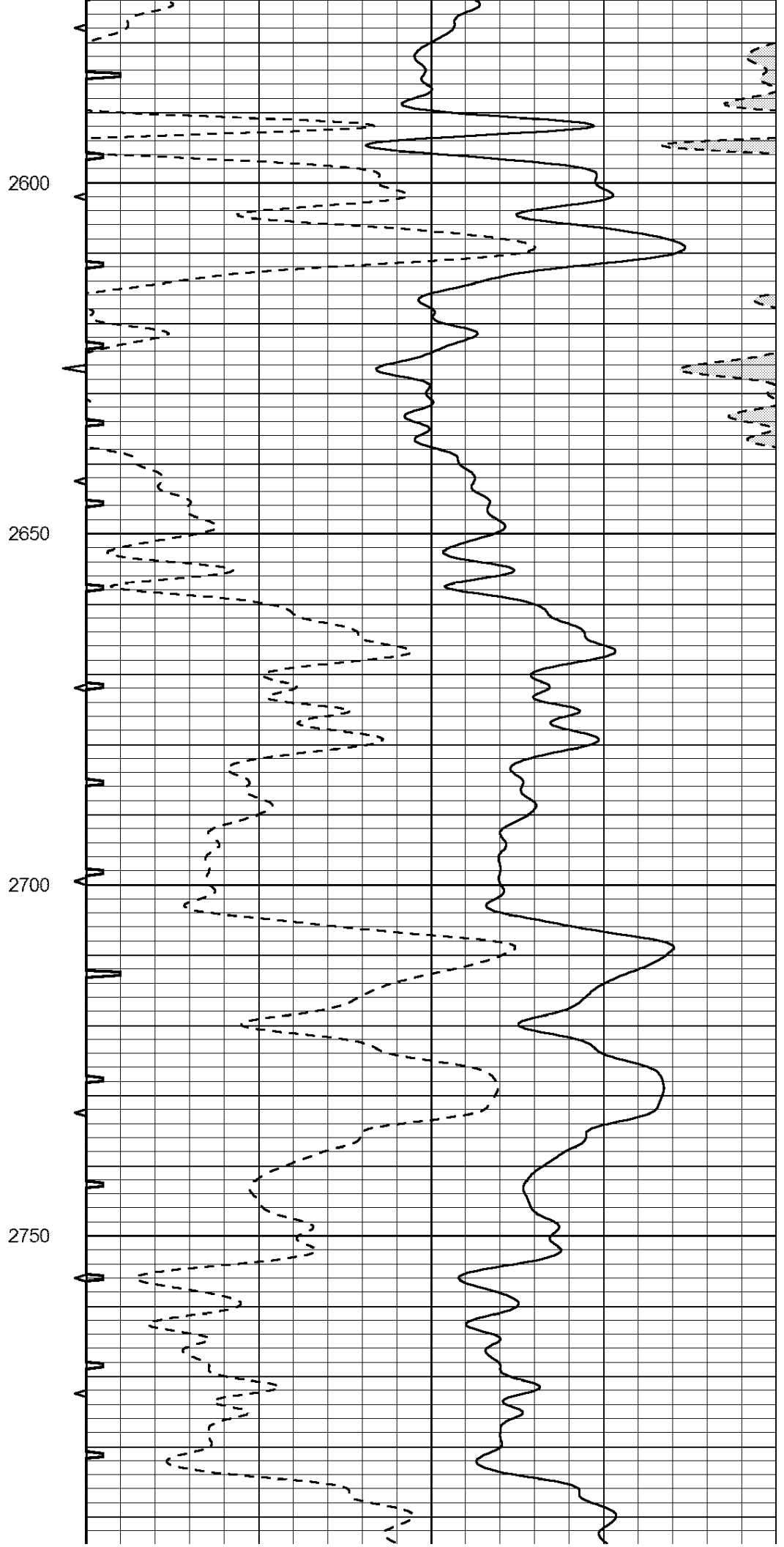
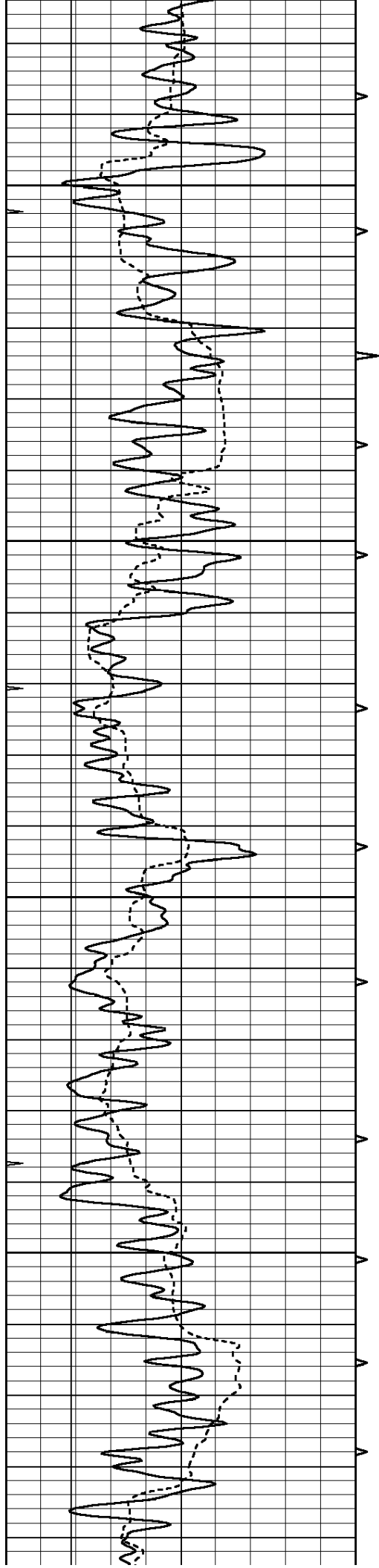


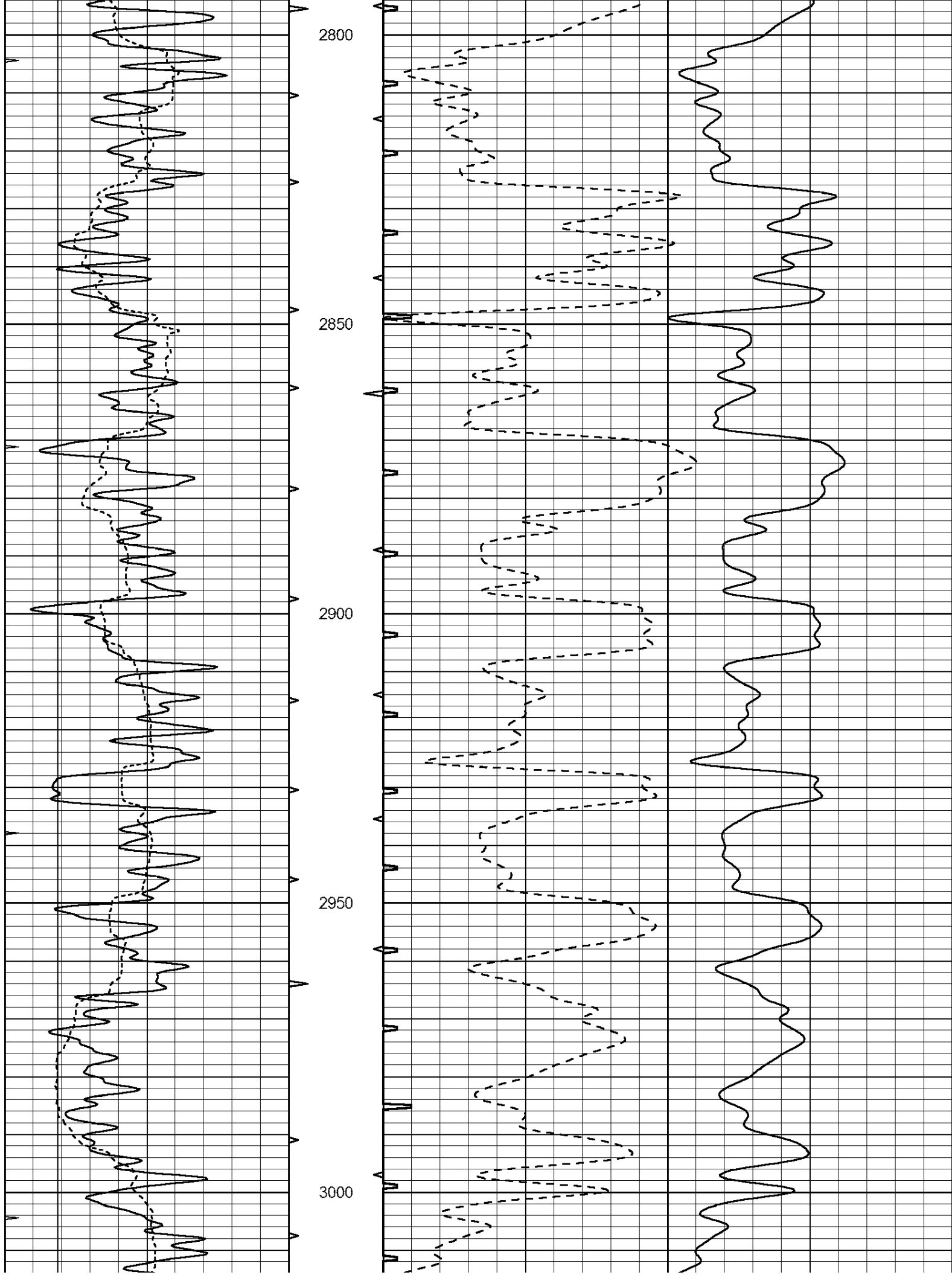


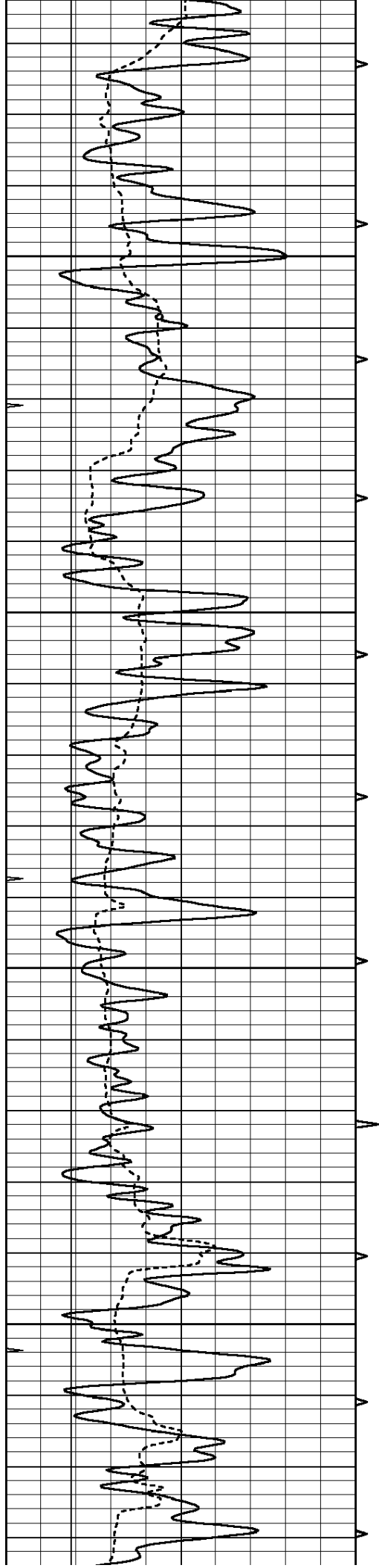










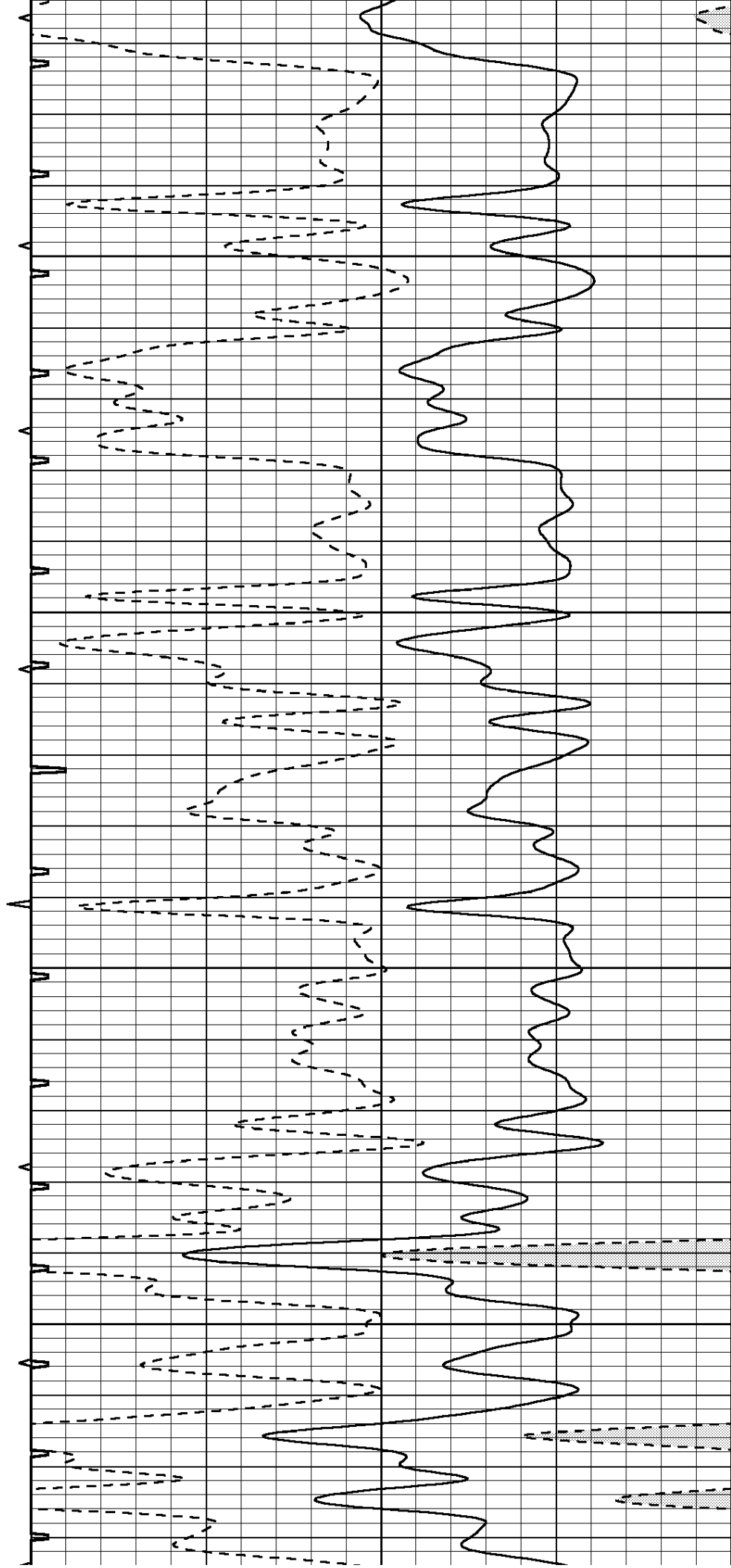


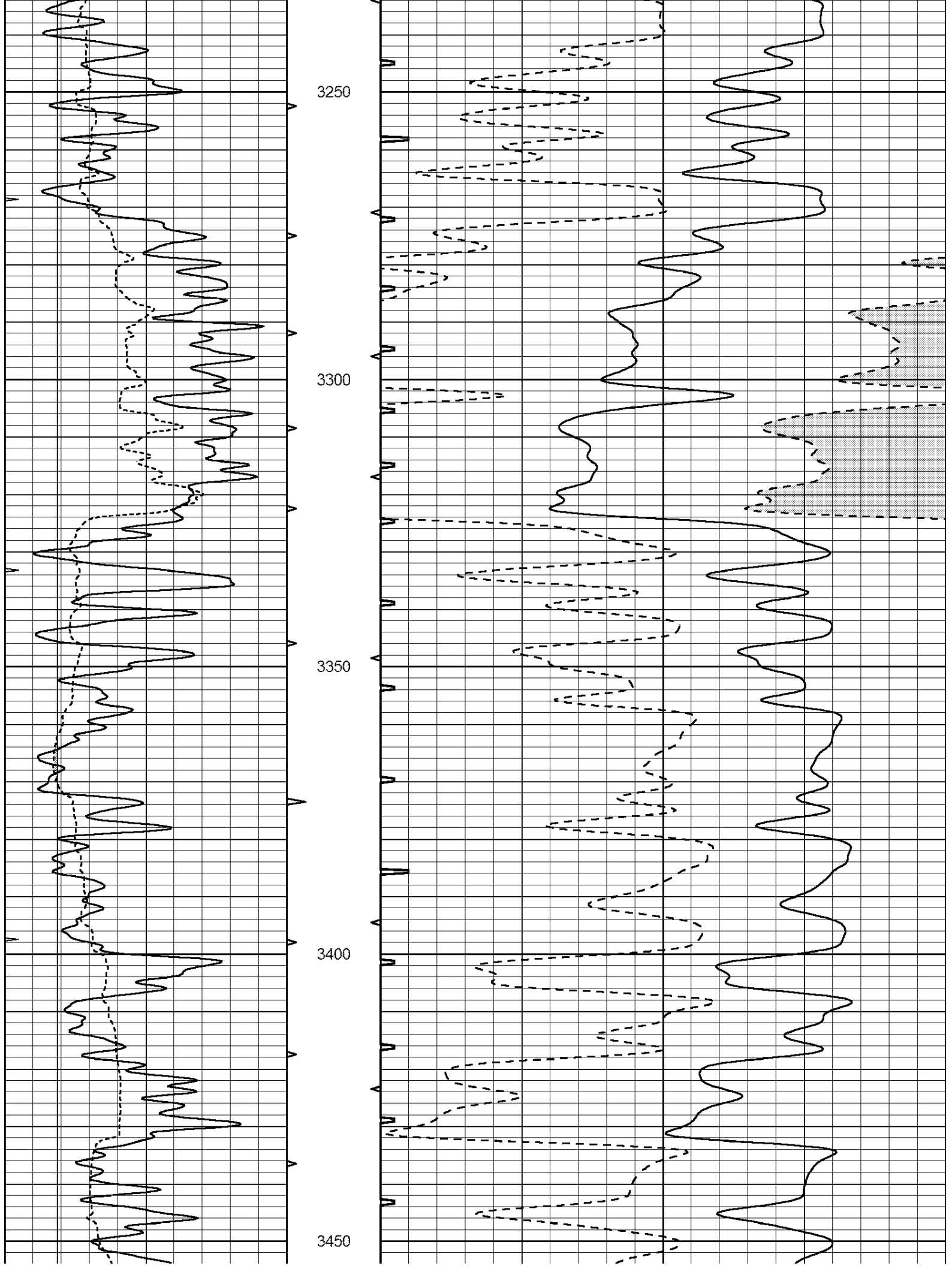
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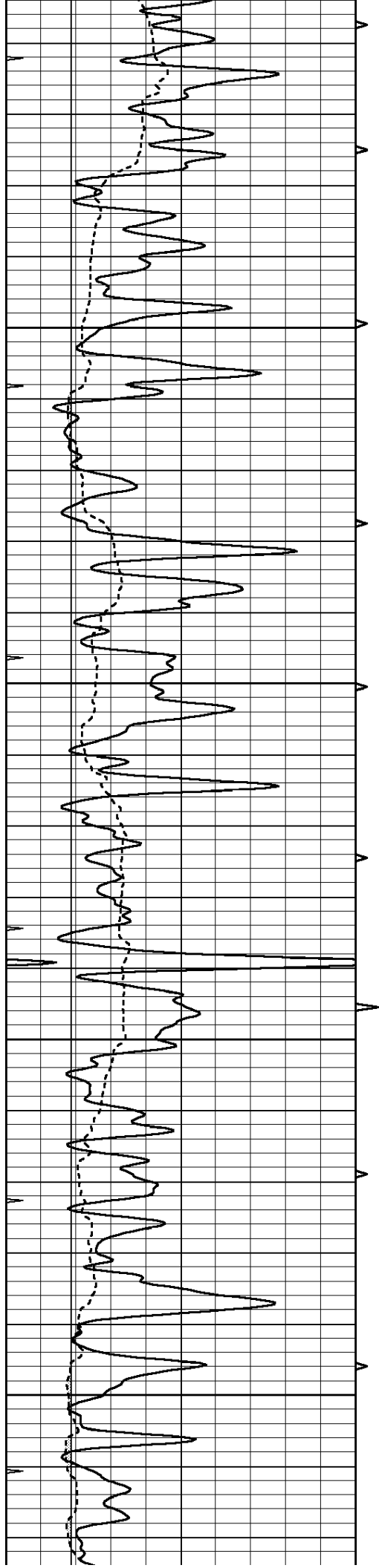
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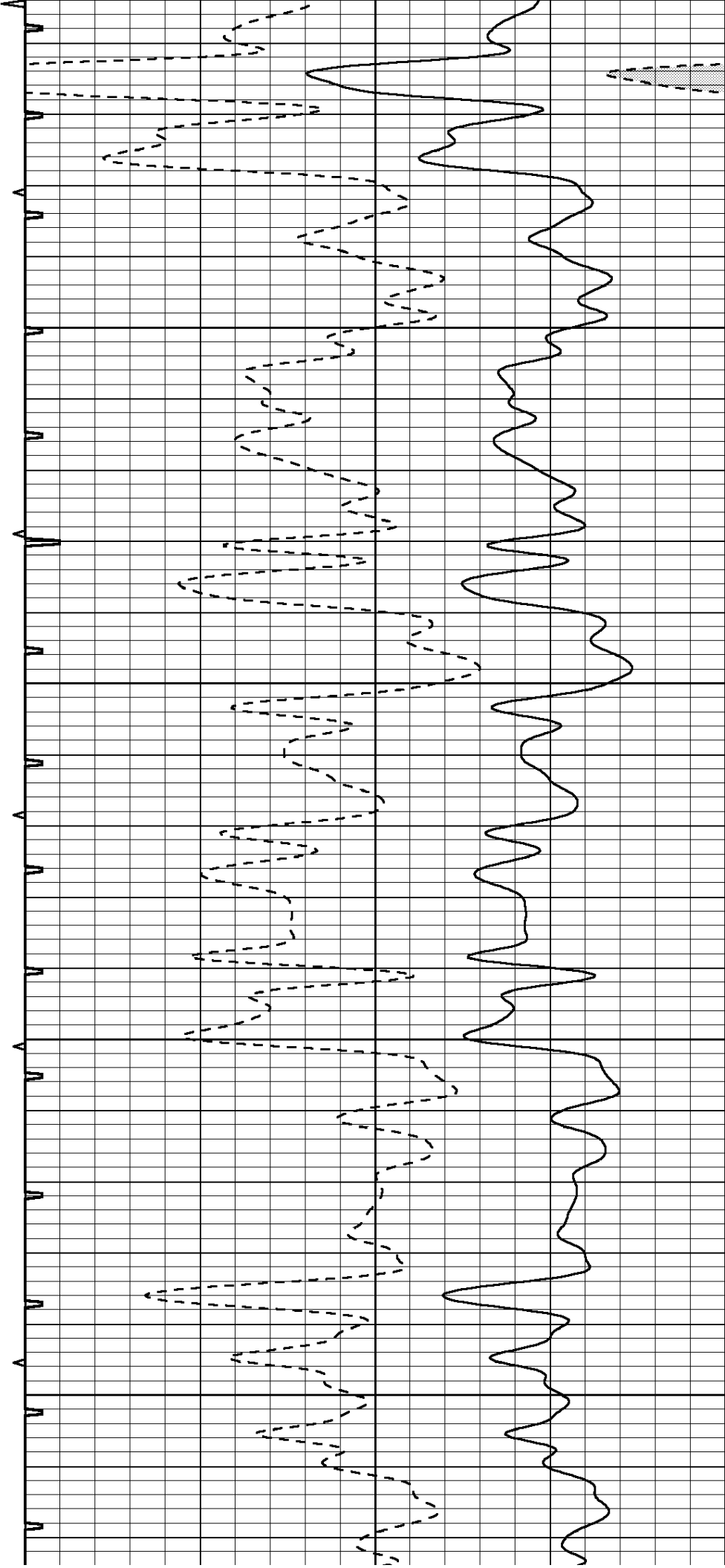


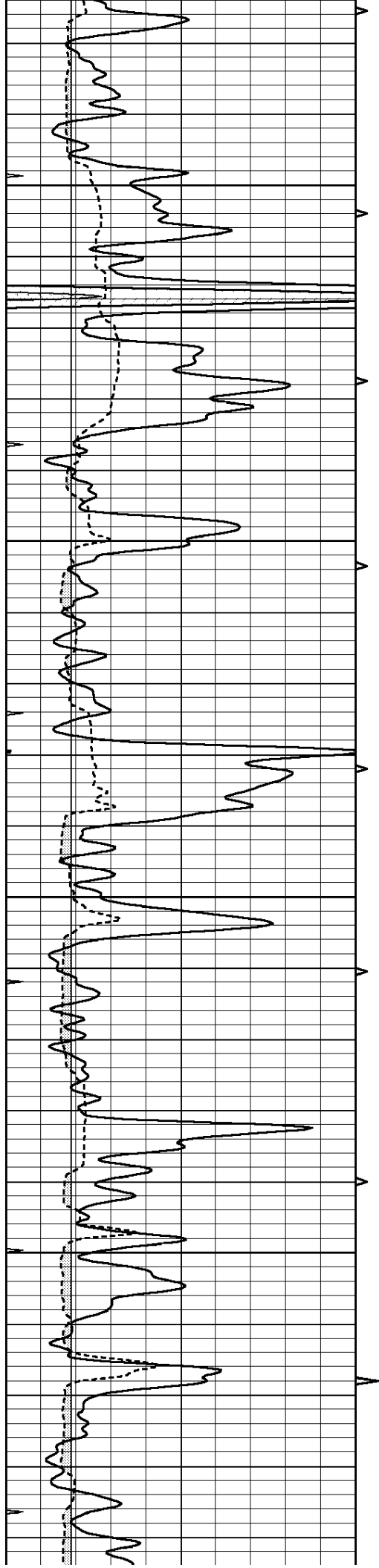
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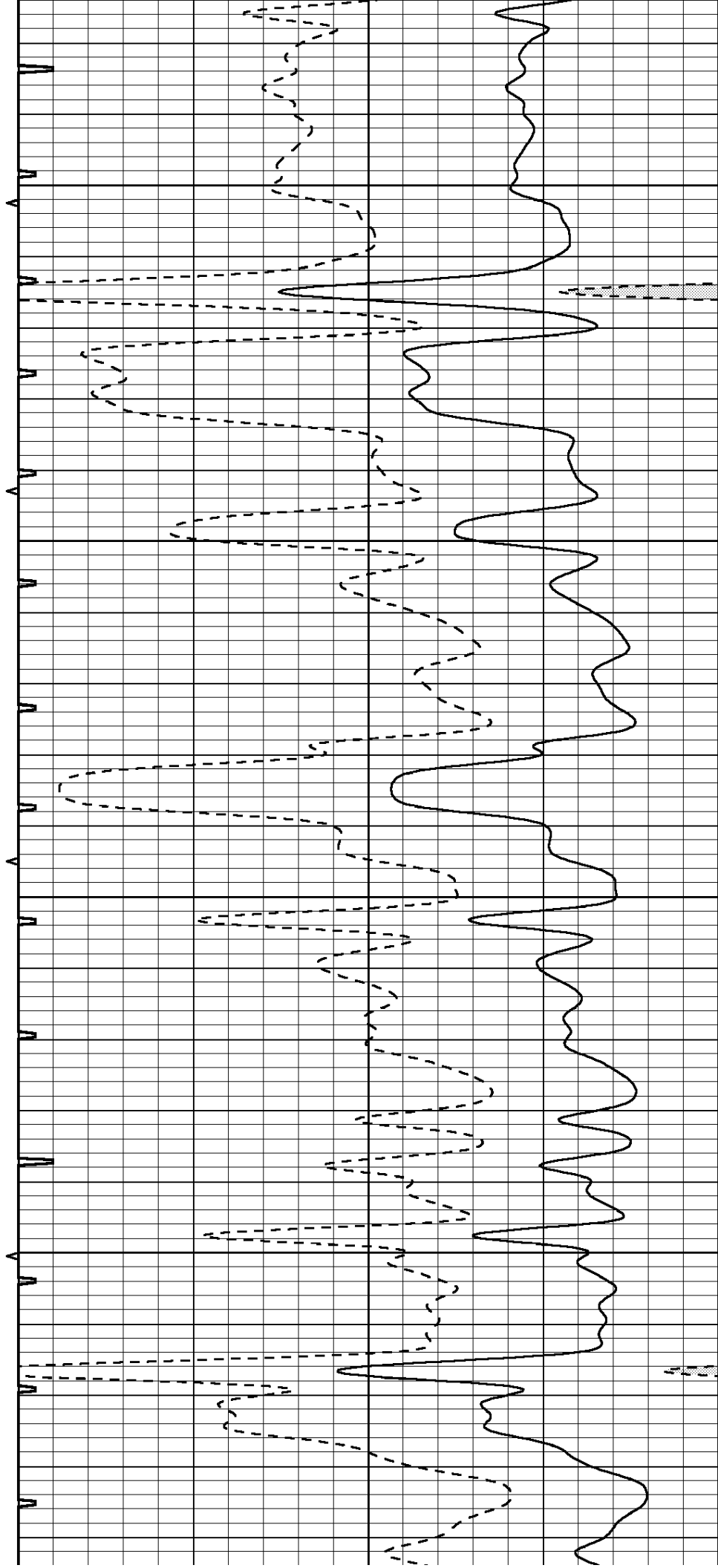


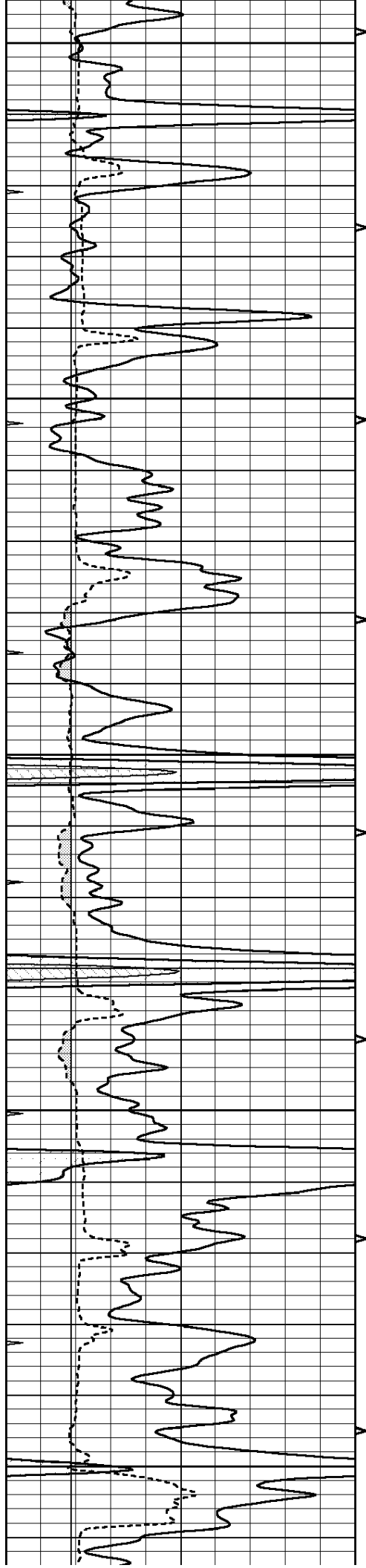
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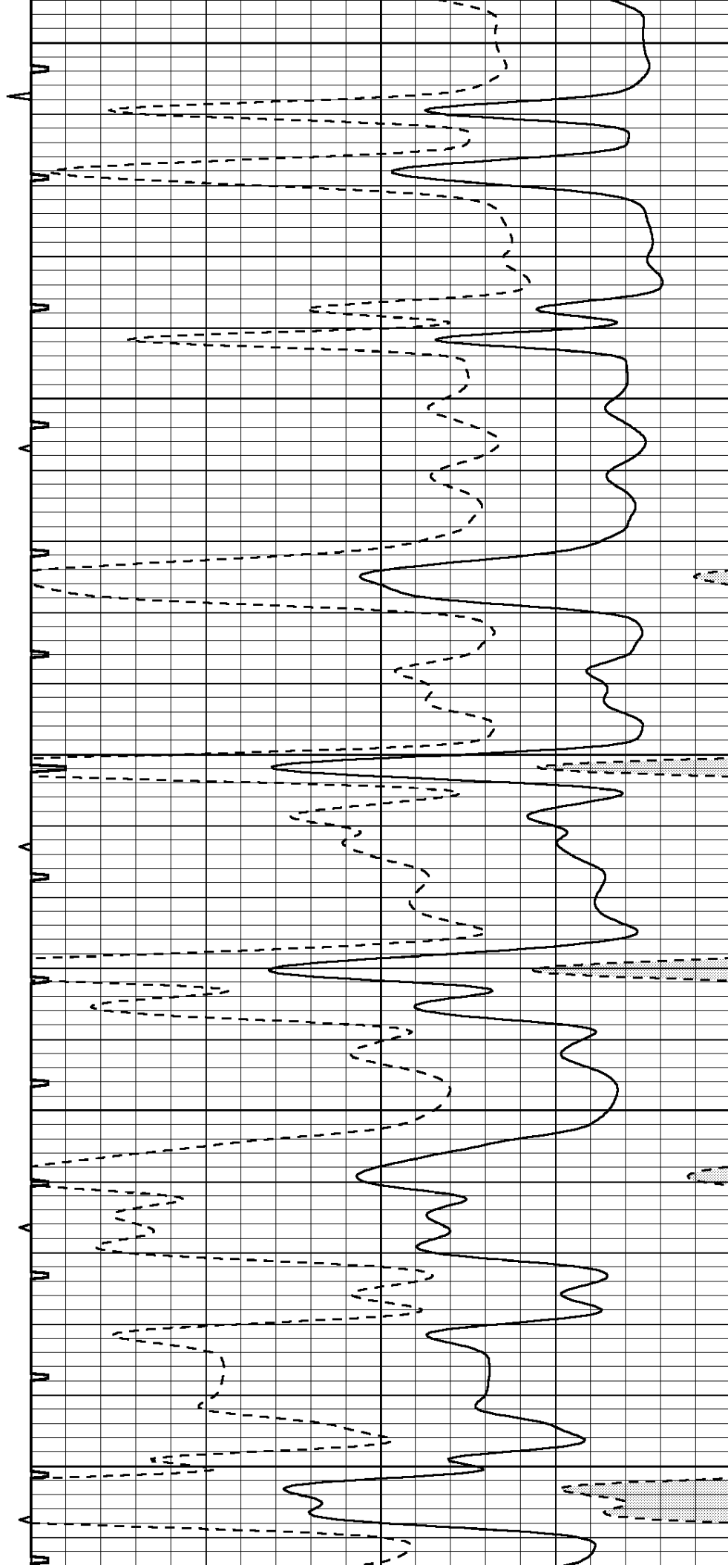
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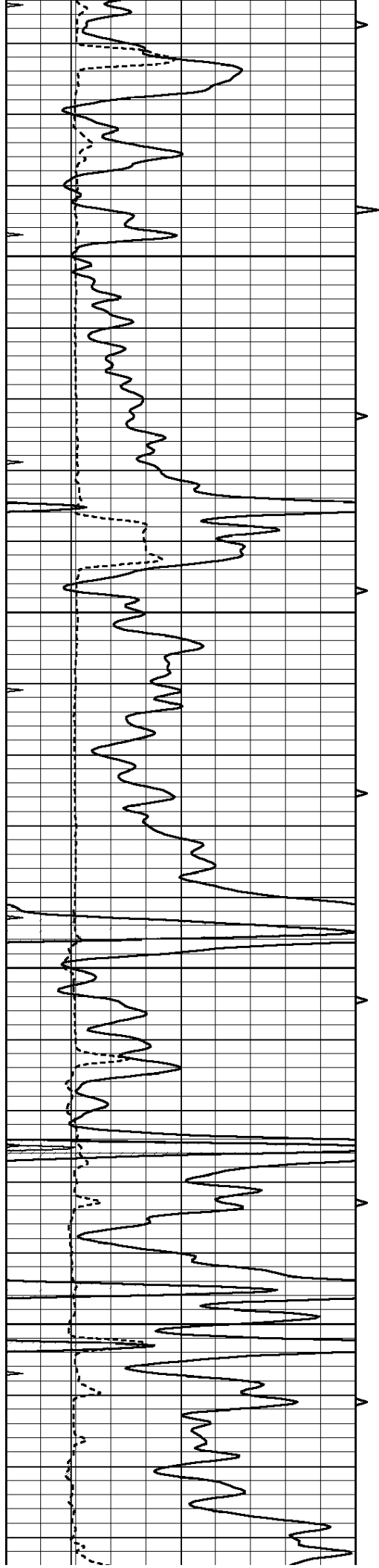
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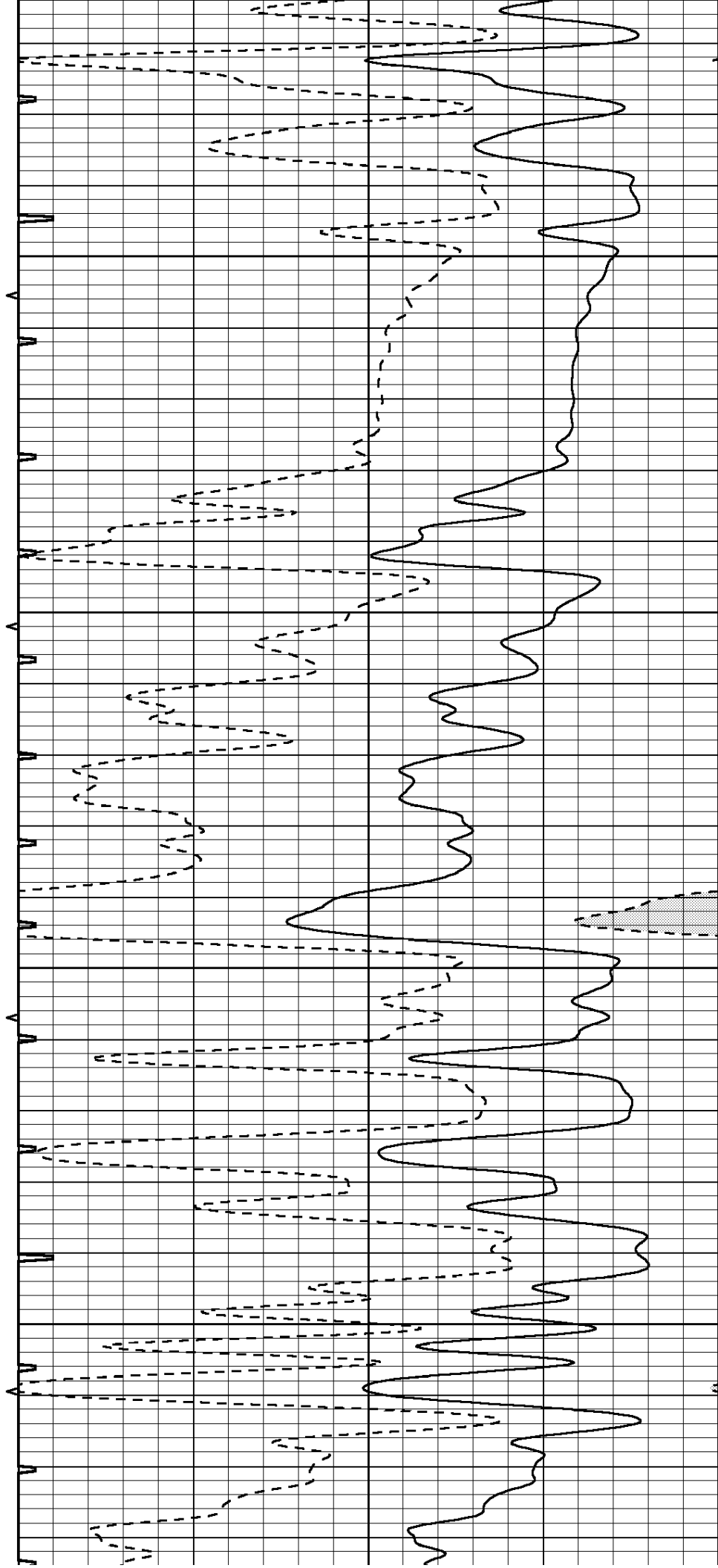


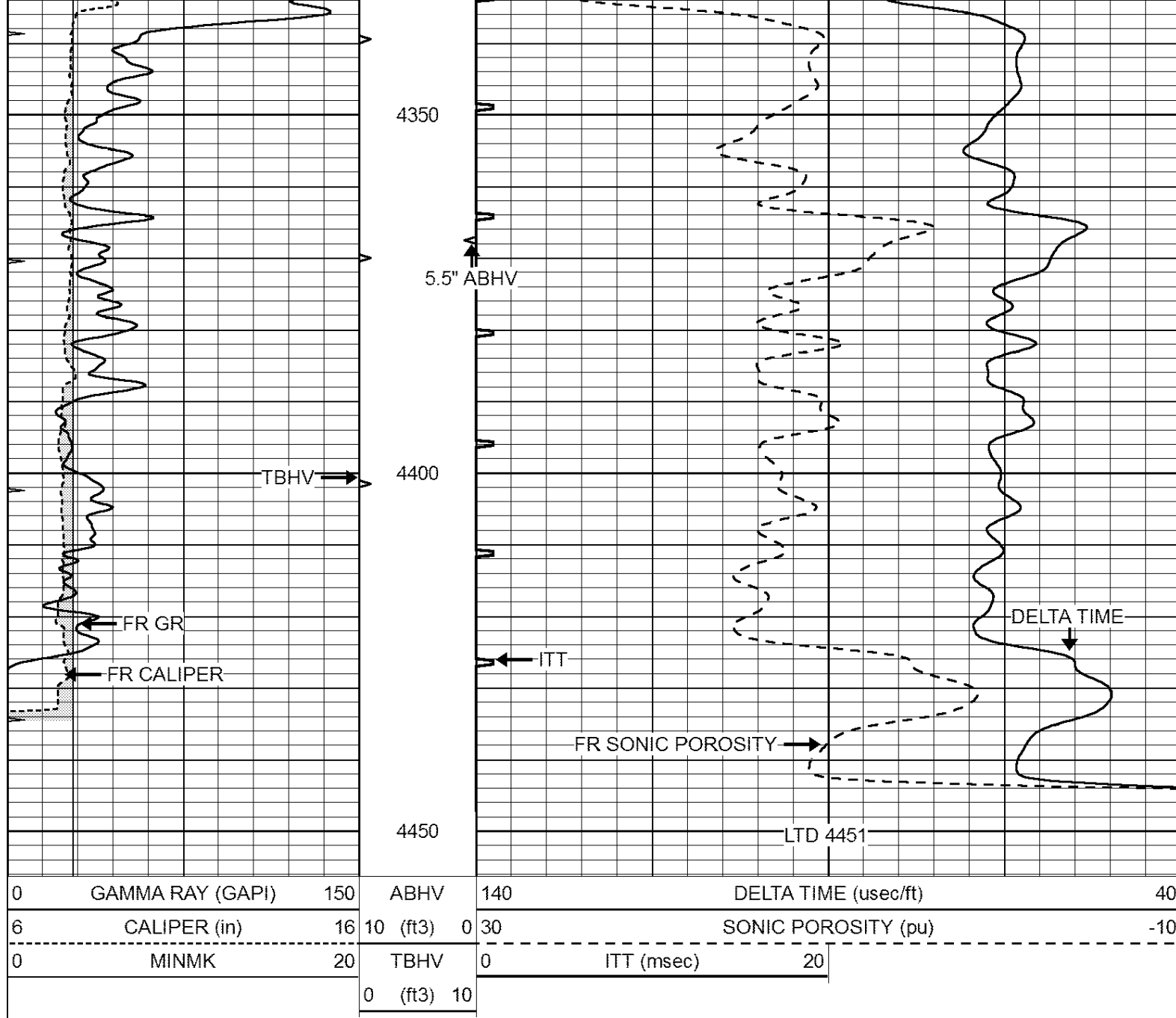
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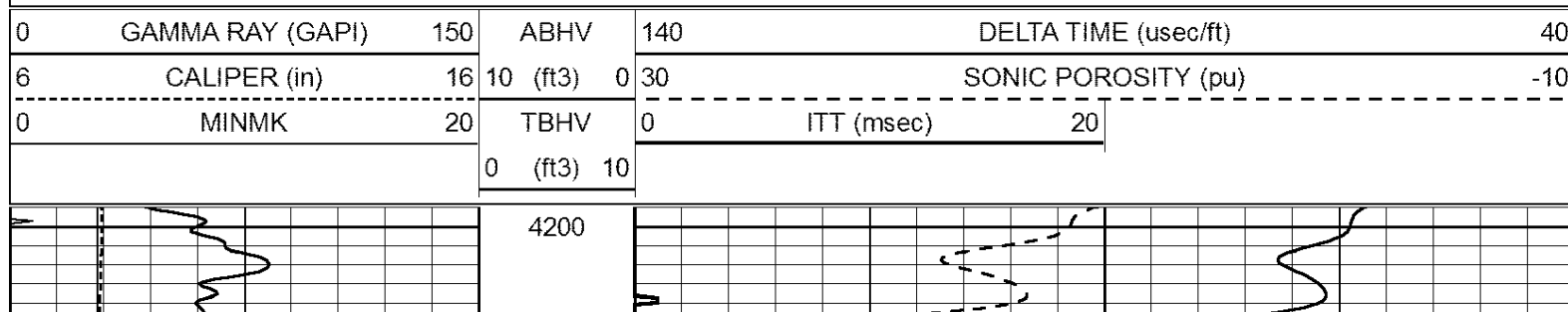


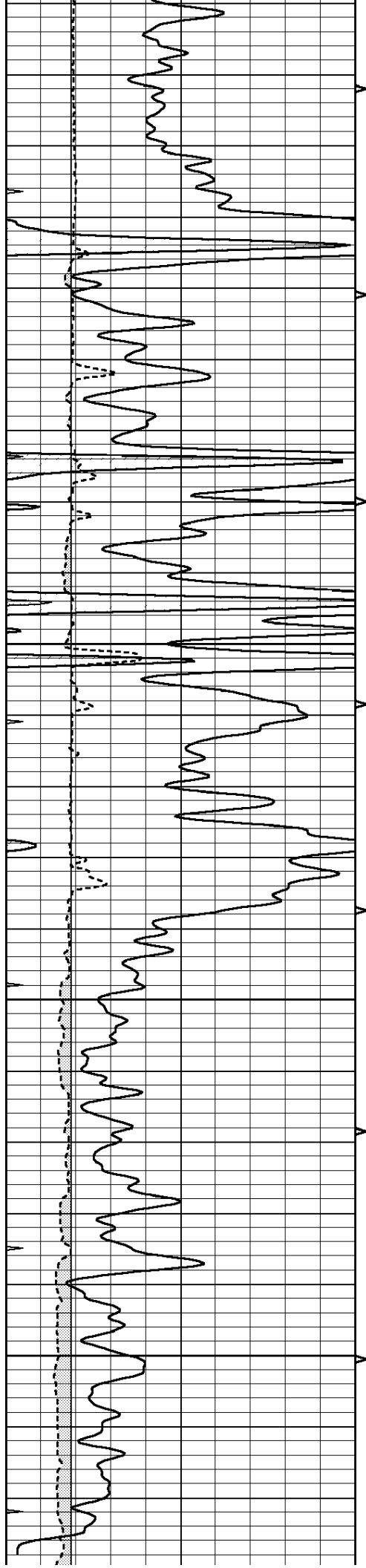


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REPEAT SECTION

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 Charted by: Depth in Feet scaled 1:240





4250

4300

4350

4400

