



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		CAPTIVA II	
Well		BUSTER #1-3	
Field		ZOOK	
County		PAWNEE	
State		KANSAS	
Location:		API # : 15-145-21699-0000 2416' FSL & 1062' FWL NE - NE - NW - SW SEC 3 TWP 22S RGE 16W	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 10' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Date		12/20/12	
Run Number		TWO	
Depth Driller		3970	
Depth Logger		3966	
Bottom Logged Interval		3954	
Top Log Interval		00	
Casing Driller		8 5/8" @ 1023'	
Casing Logger		1018	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.4/45	
pH / Fluid Loss		9.5/7.2	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.900 @ 70F	
Rmf @ Meas. Temp		.675 @ 70F	
Rmc @ Meas. Temp		1.08 @ 70F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.543 @ 116F	
Time Circulation Stopped		4.5 HOURS	
Time Logger on Bottom		9:15 P.M.	
Maximum Recorded Temperature		116F	
Equipment Number		4854	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
Witnessed By		KEITH REAVIS	

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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 "NABORS" HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 LARNED, KS., 1 1/2E. ON HWY K-19, N. INTO (ACROSS FROM FEEDLOT)



NABORS
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

010036pe.db

Dataset Pathname:

pass7.13

Presentation Format:

slt

Dataset Creation:

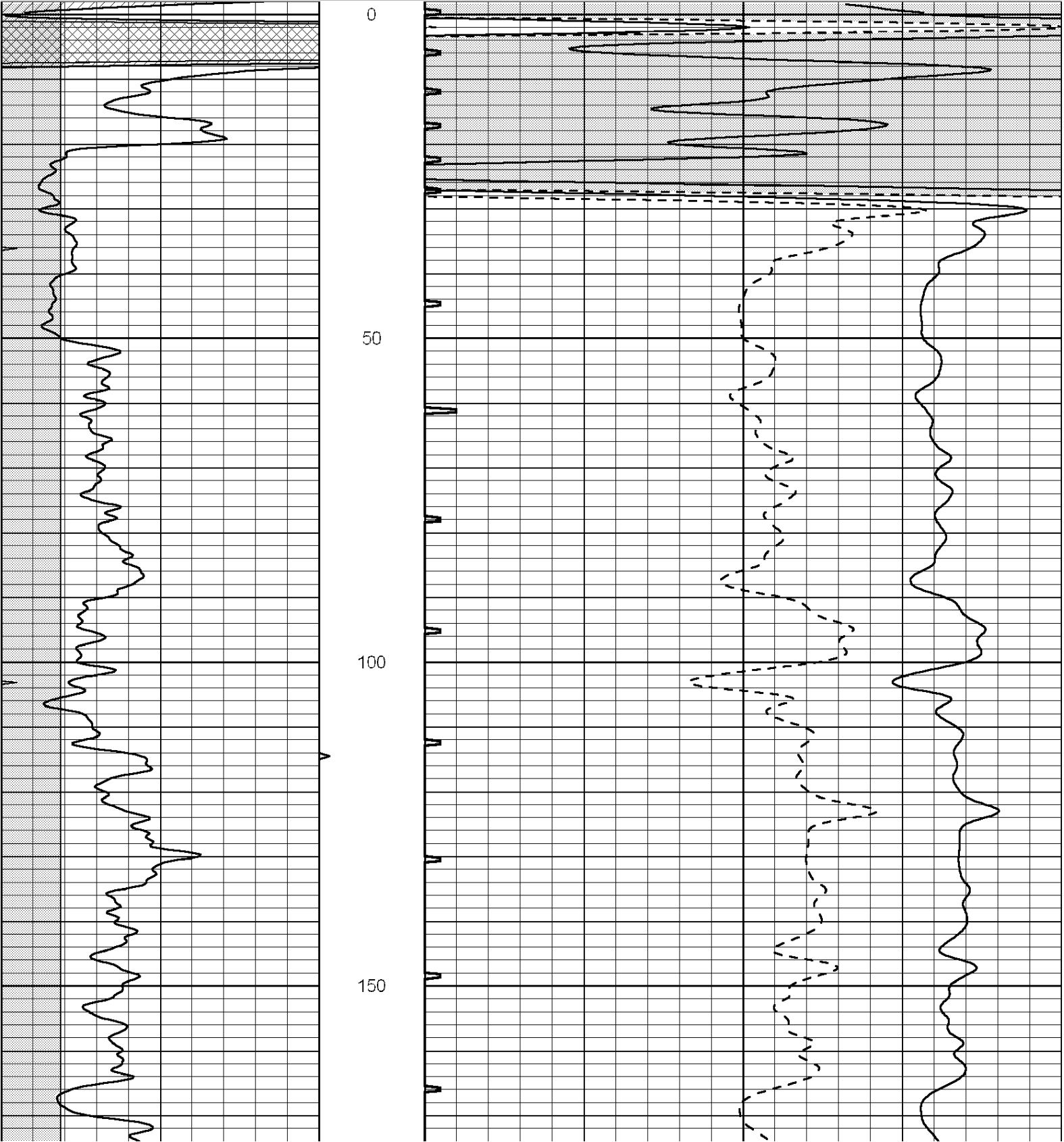
Fri Dec 21 01:29:19 2012

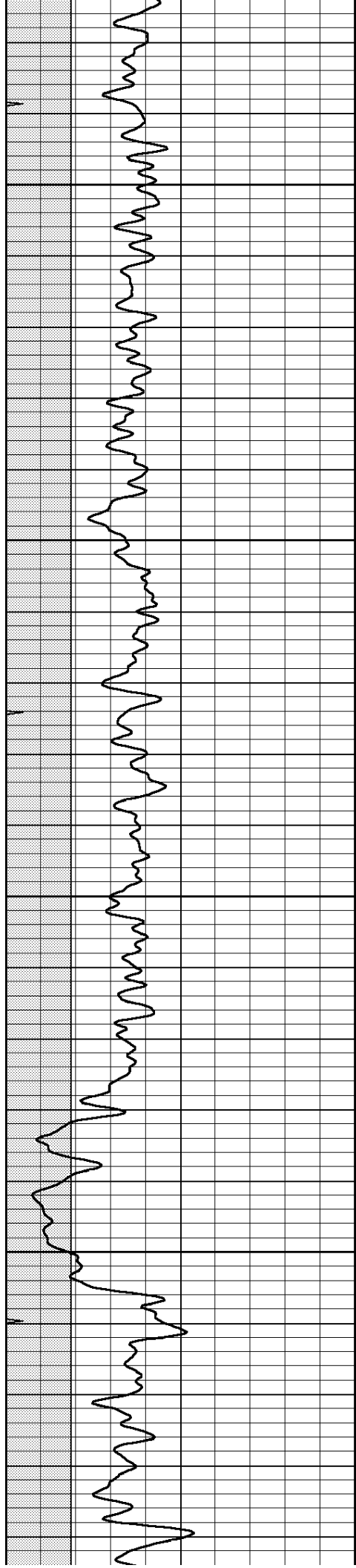
Charted by:

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				



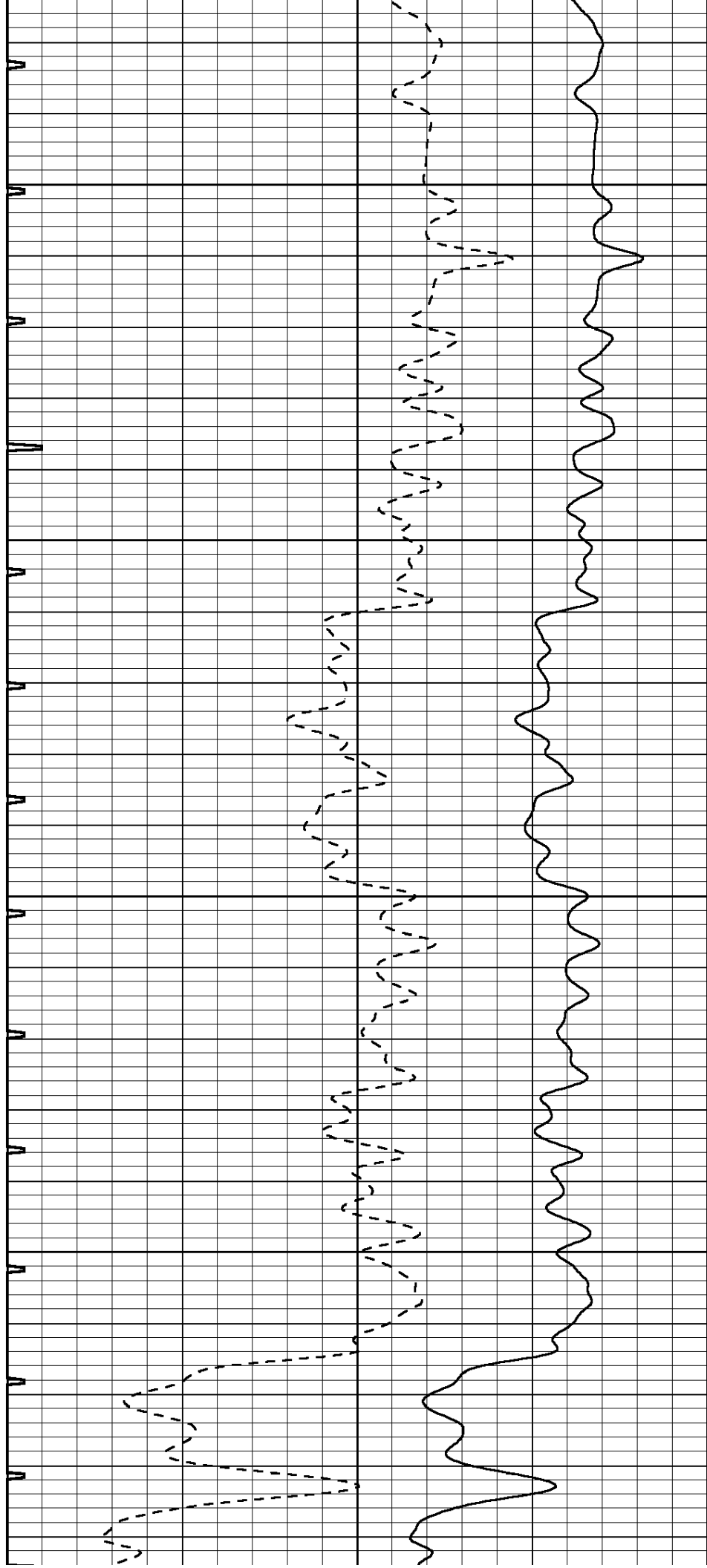


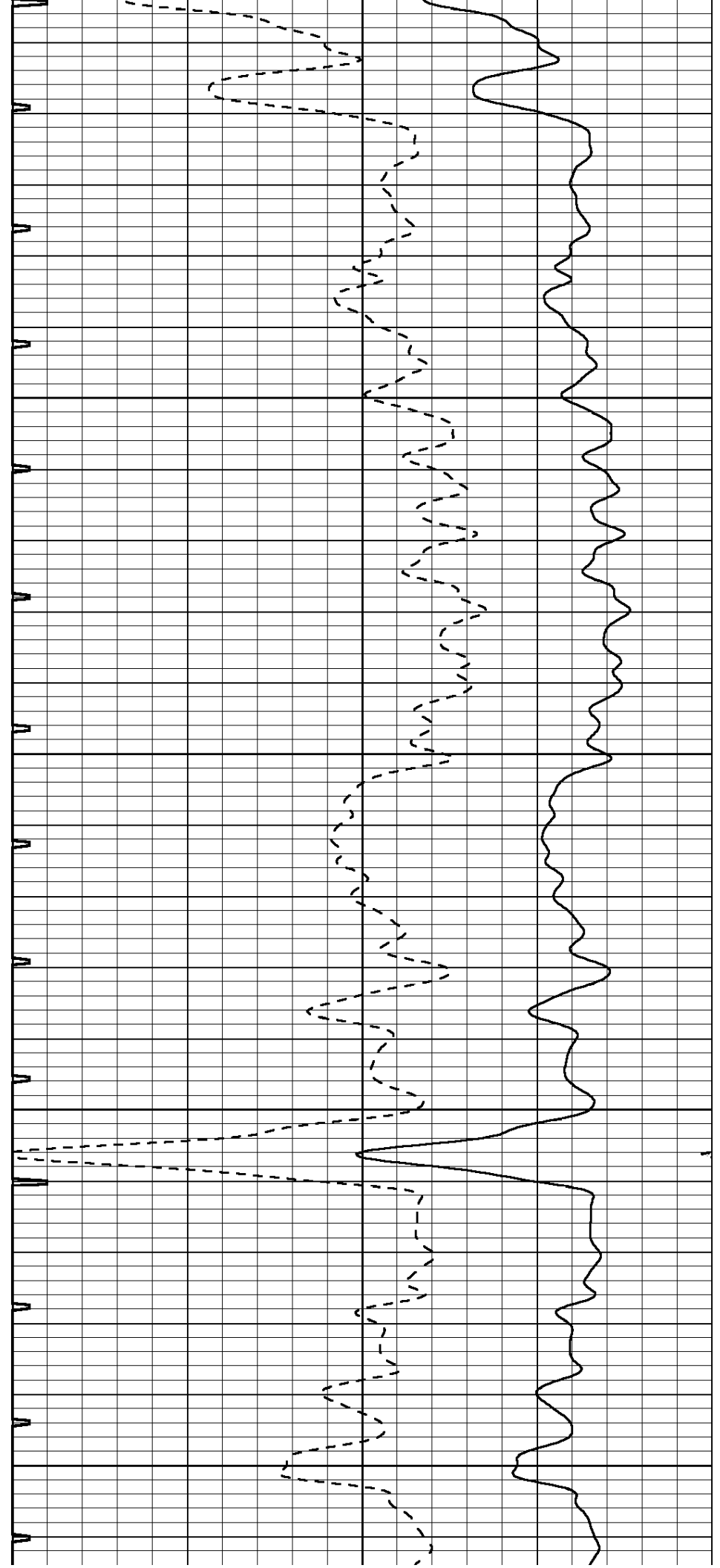
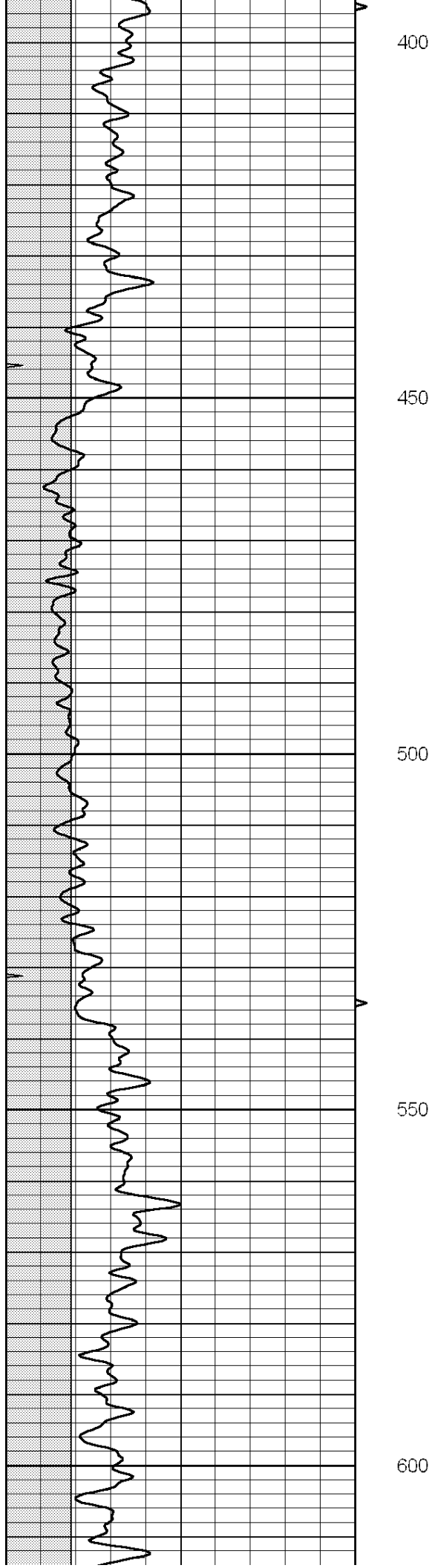
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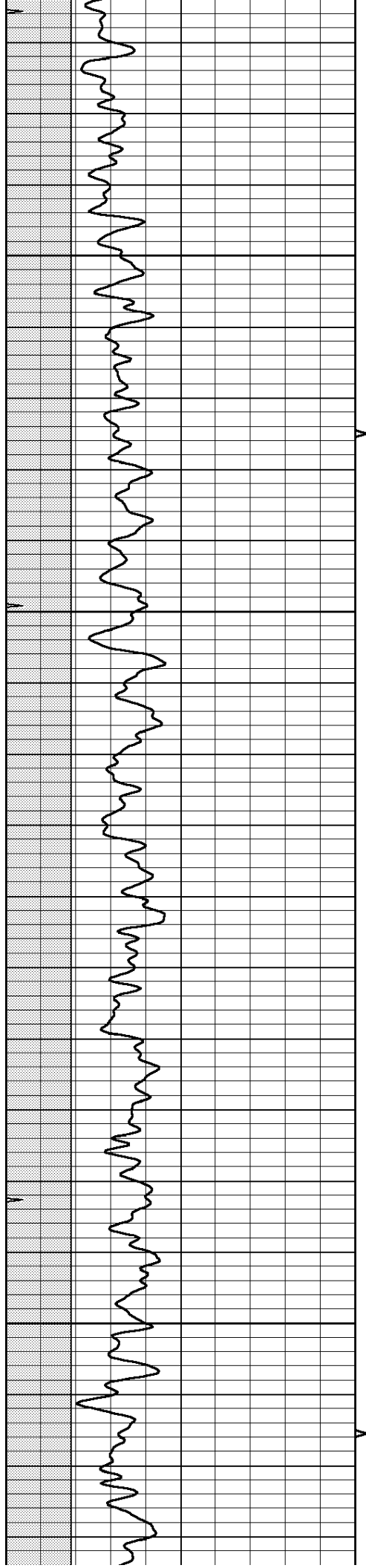
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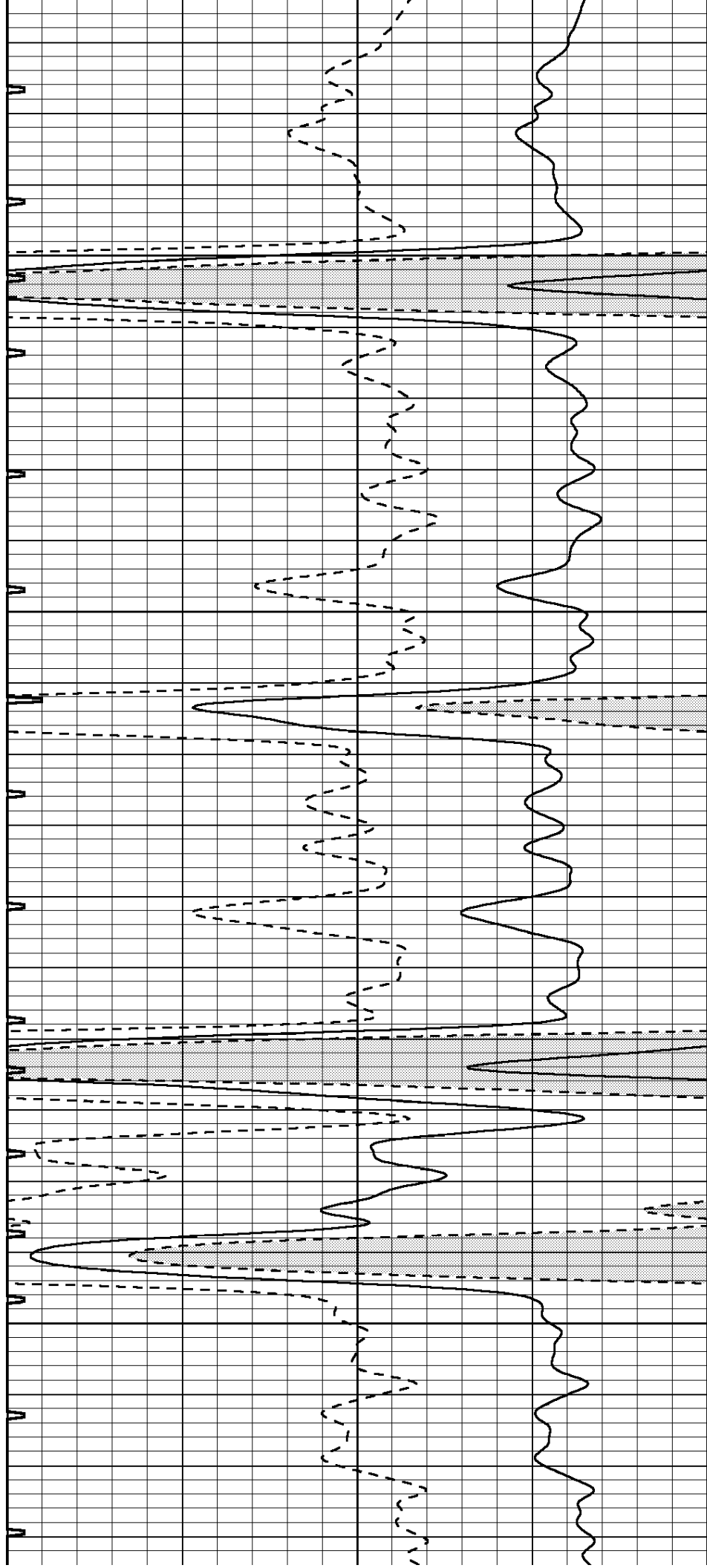


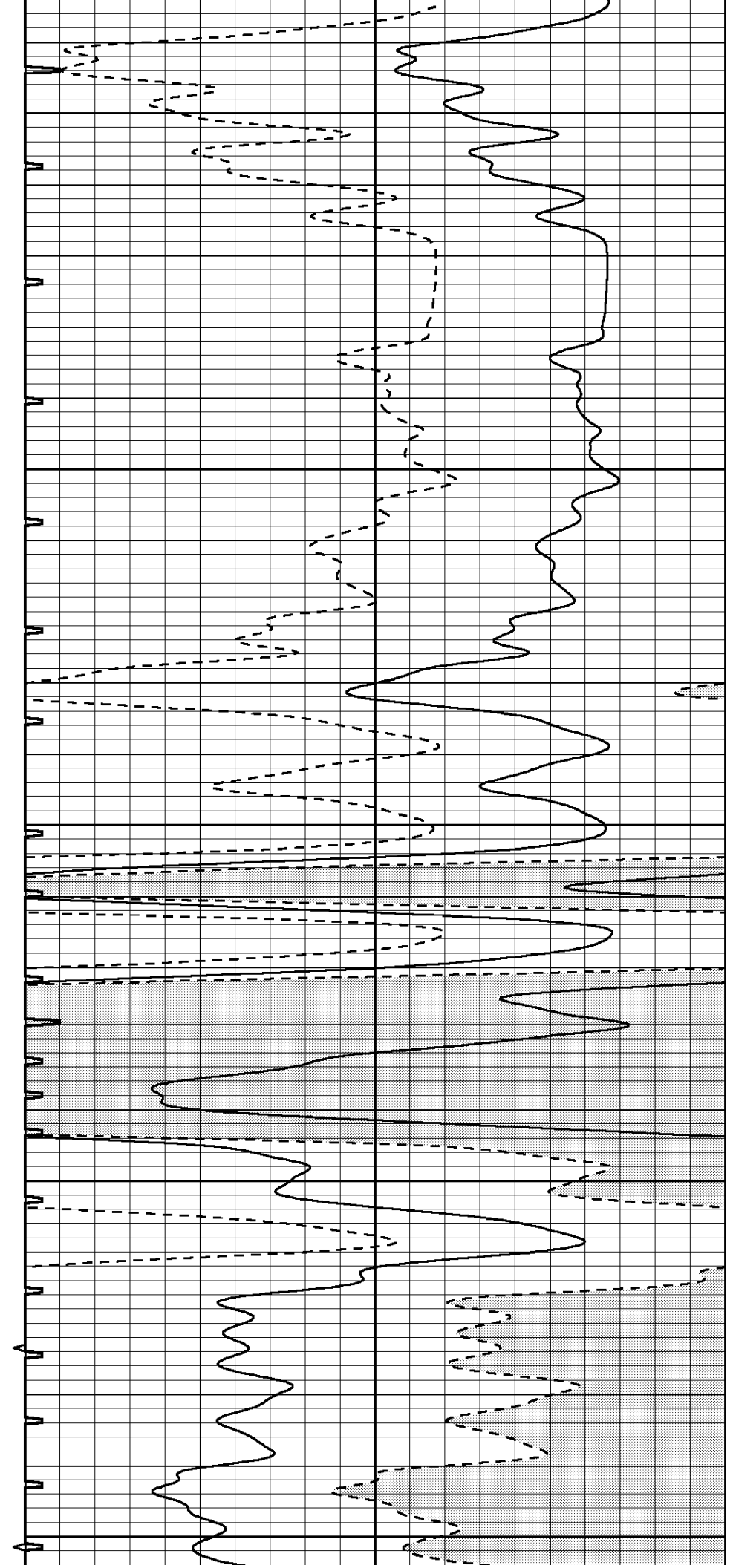
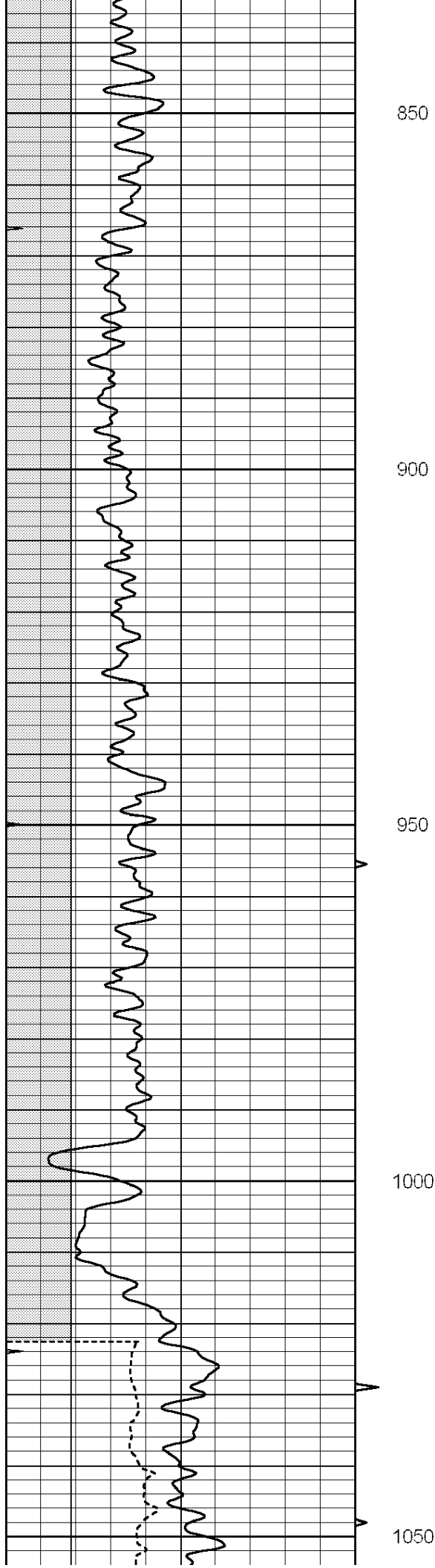
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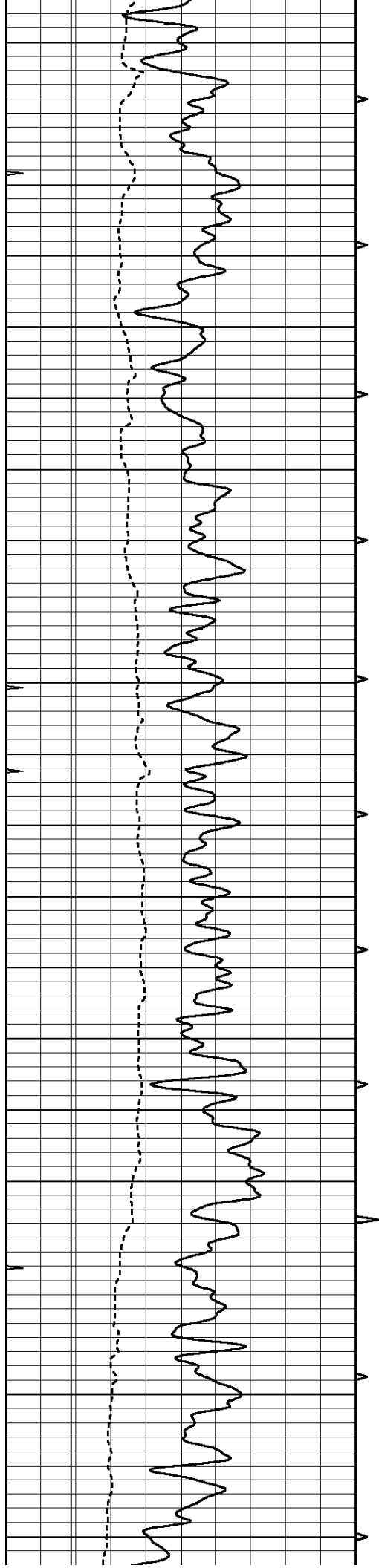
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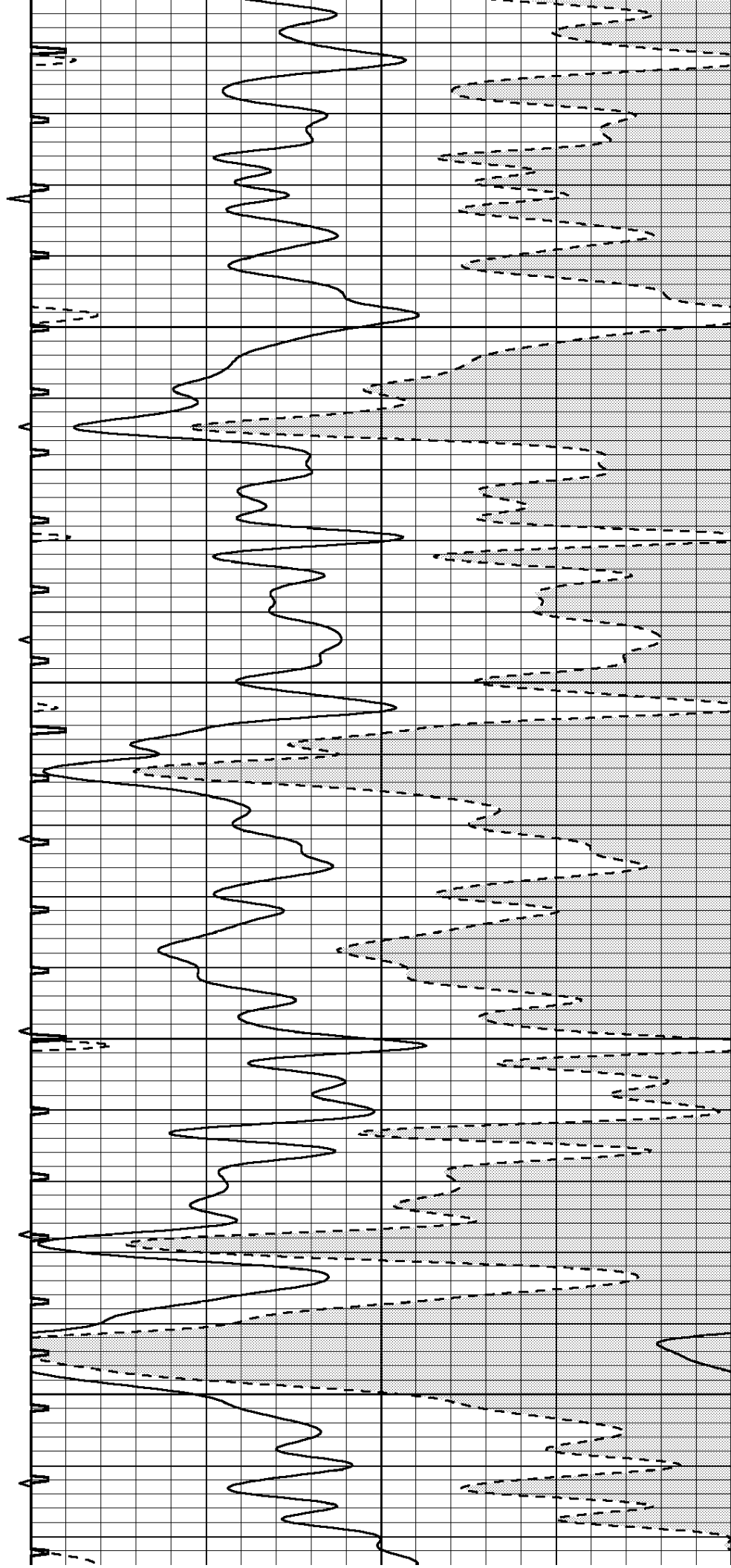


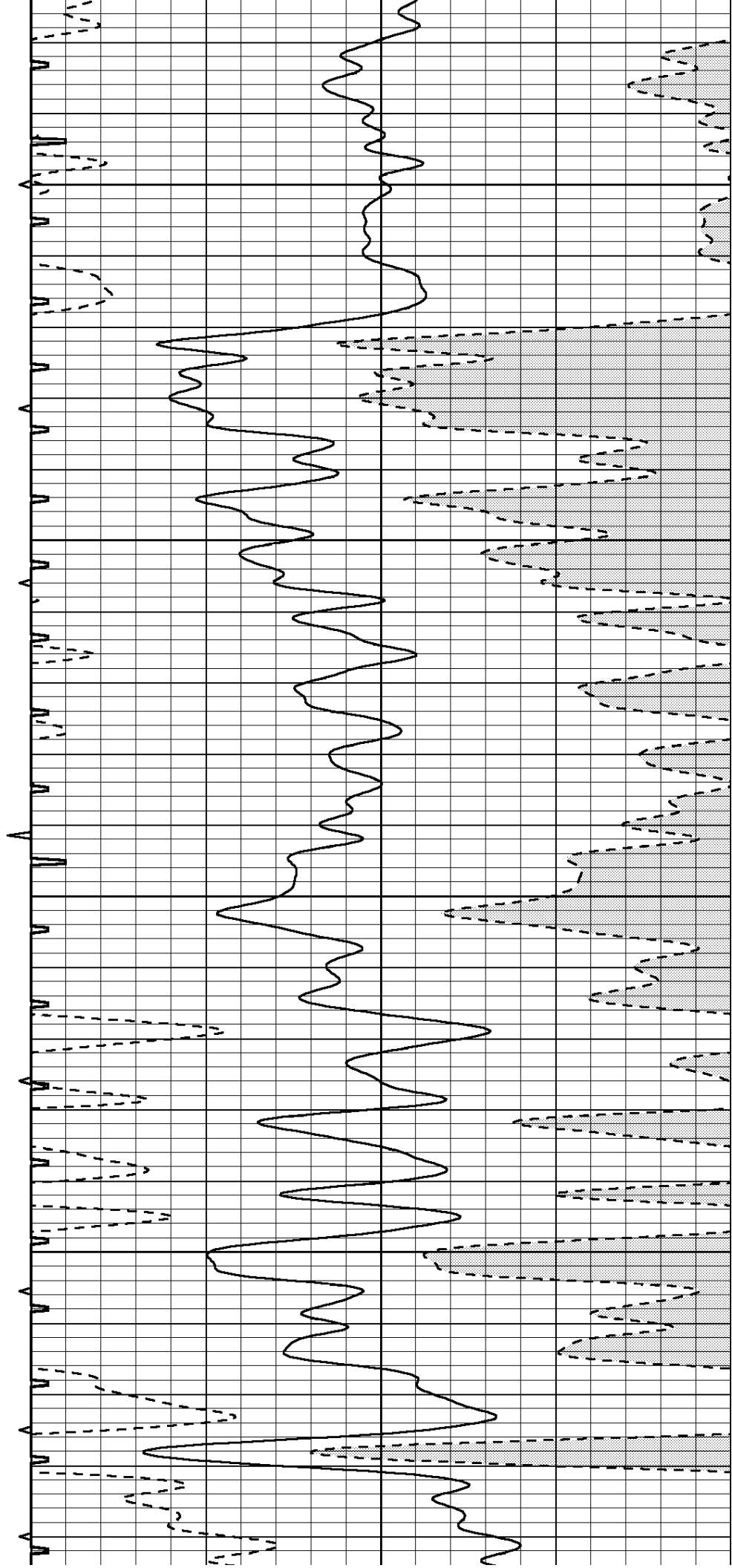
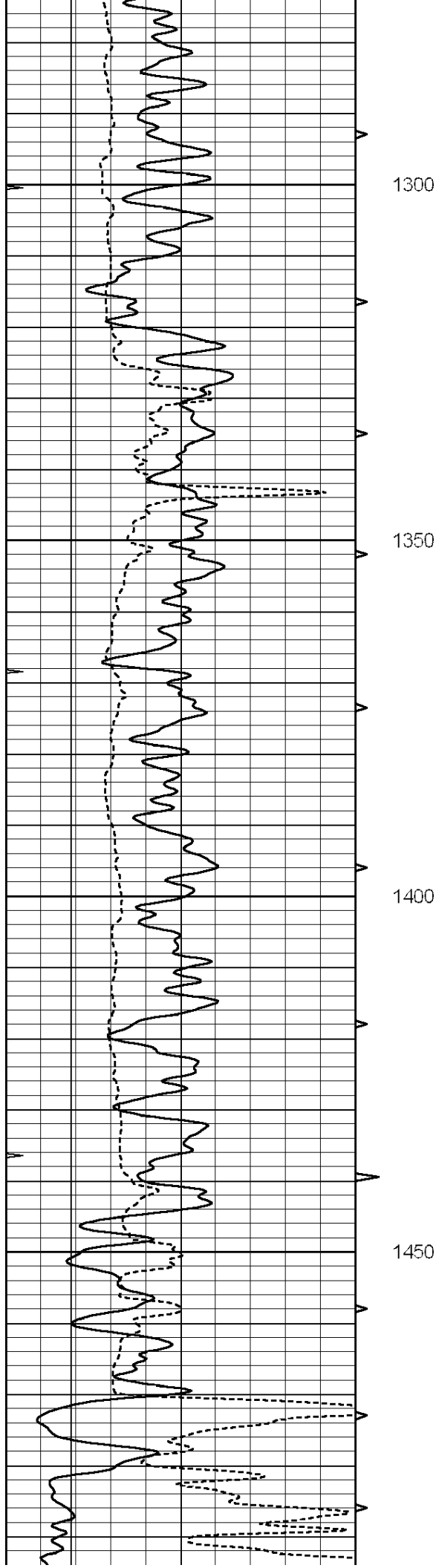
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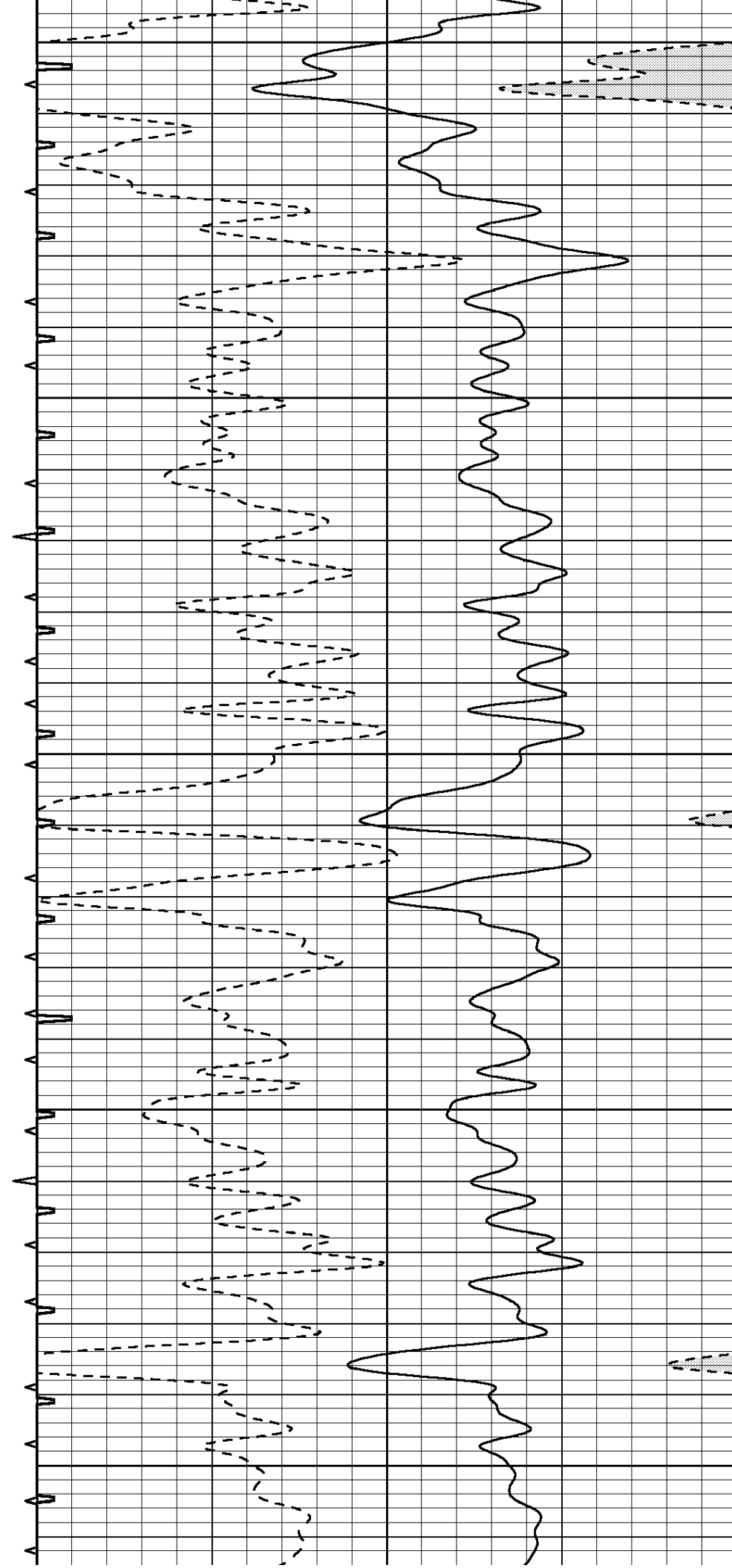
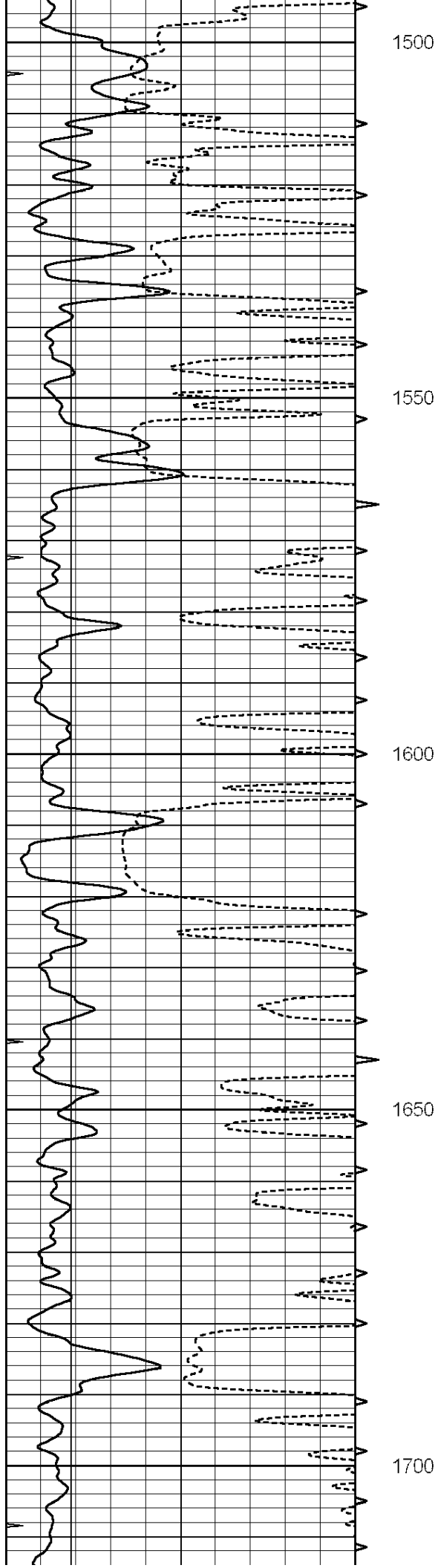
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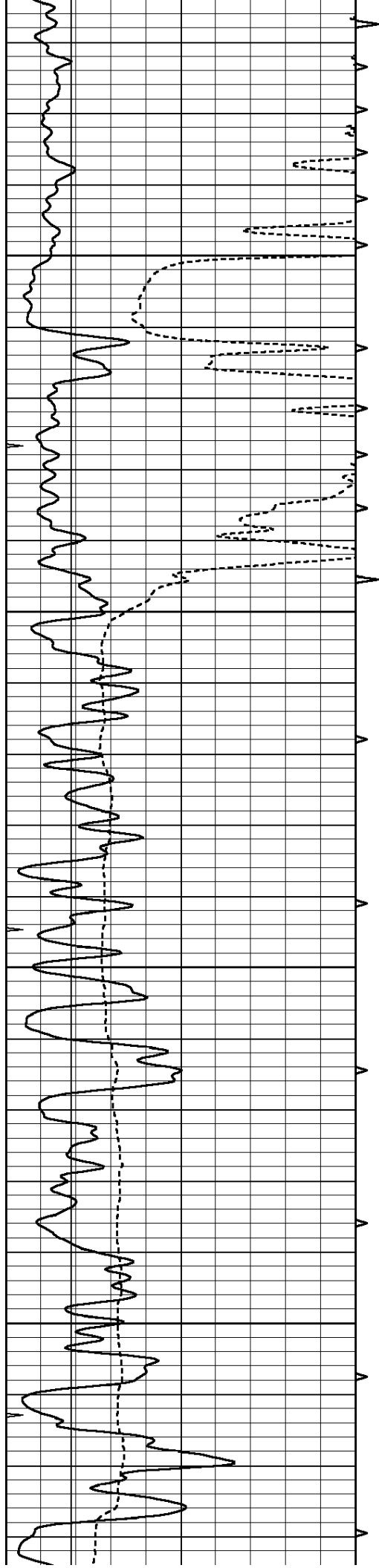
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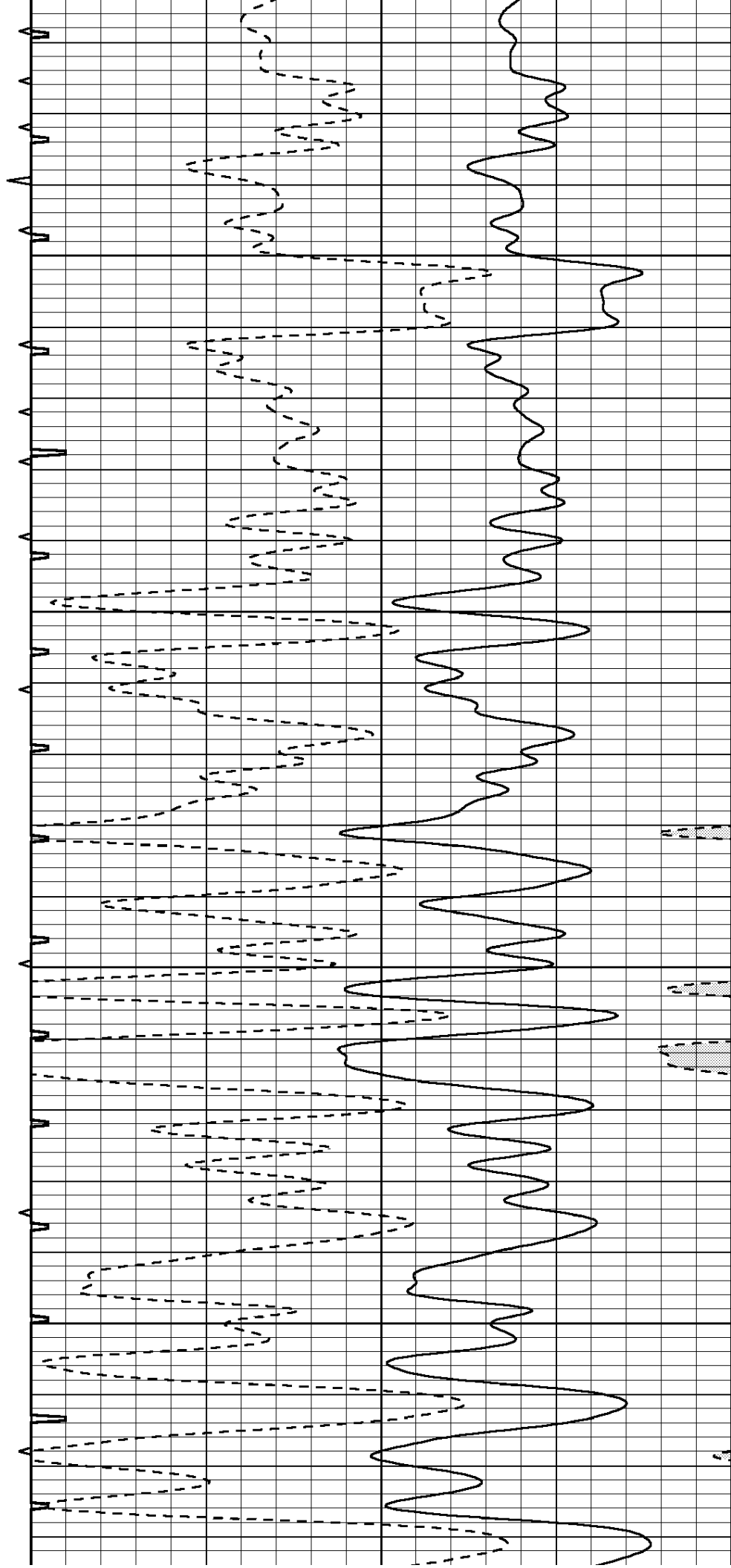


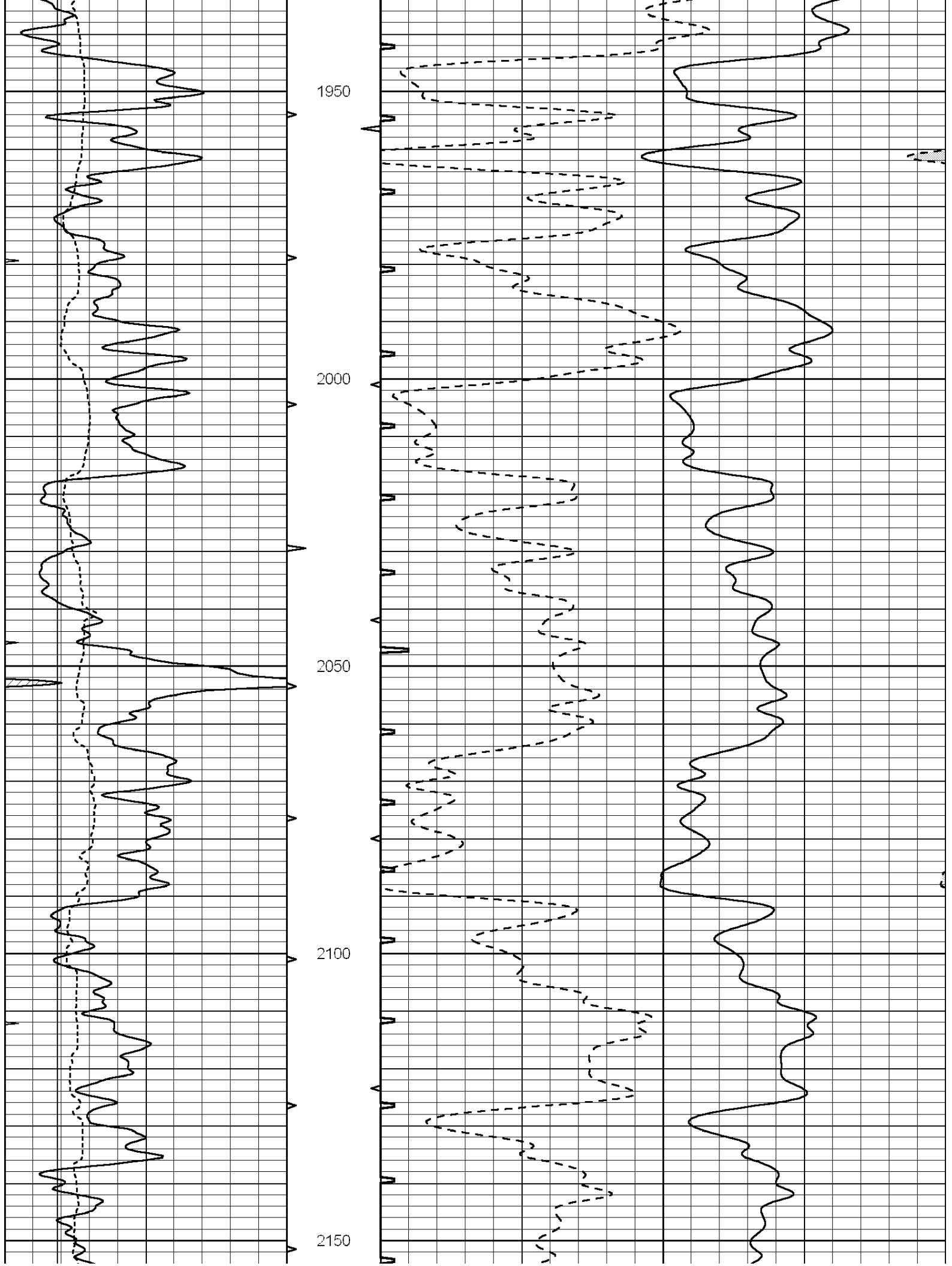
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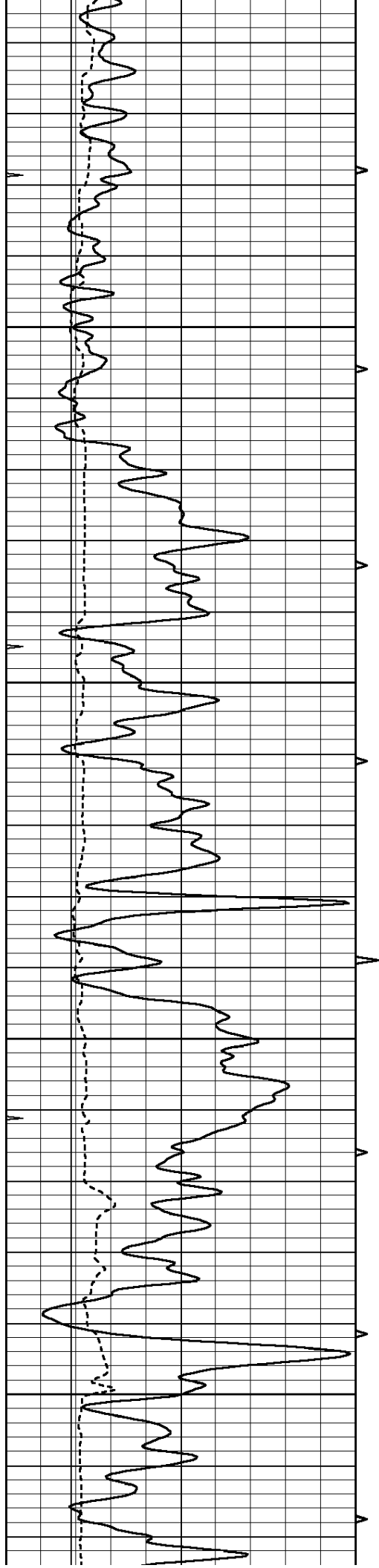
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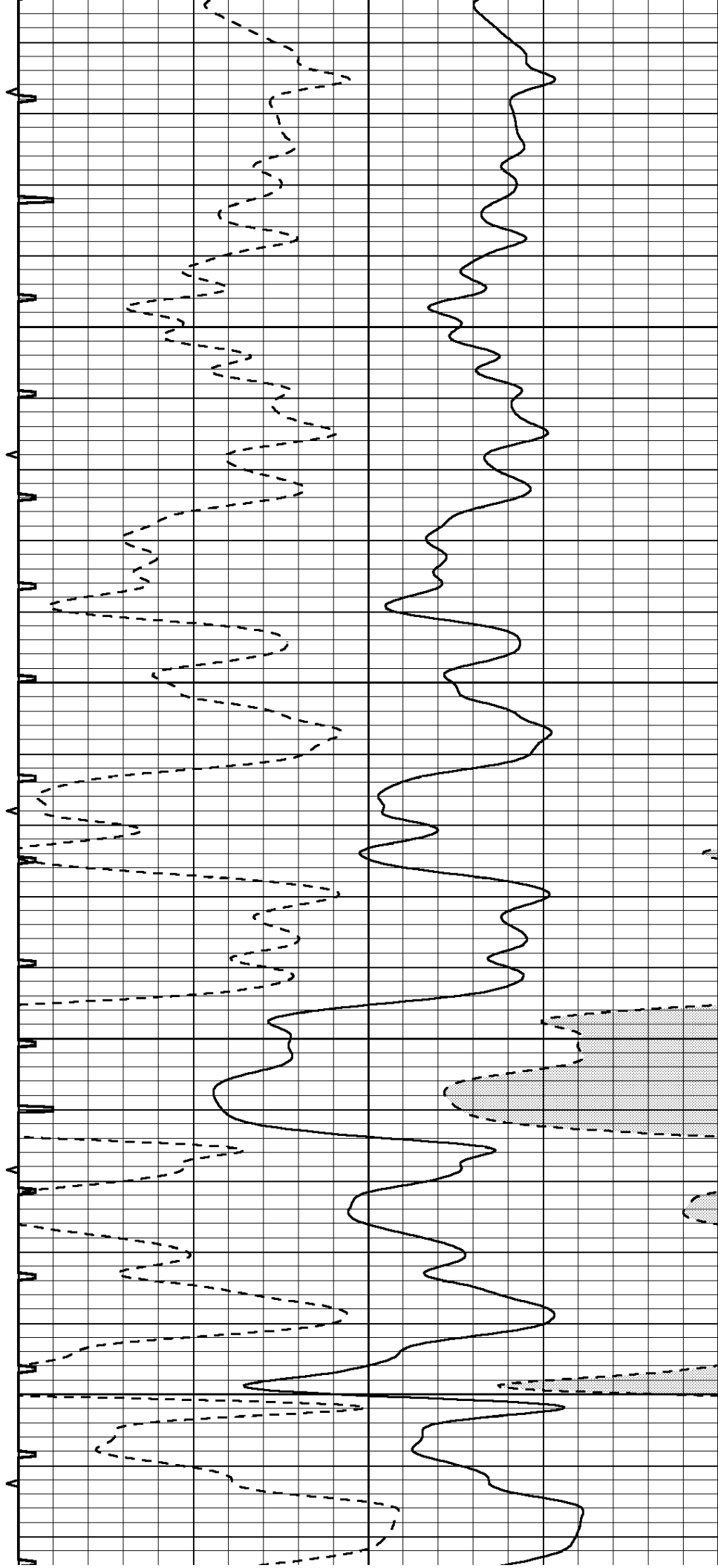


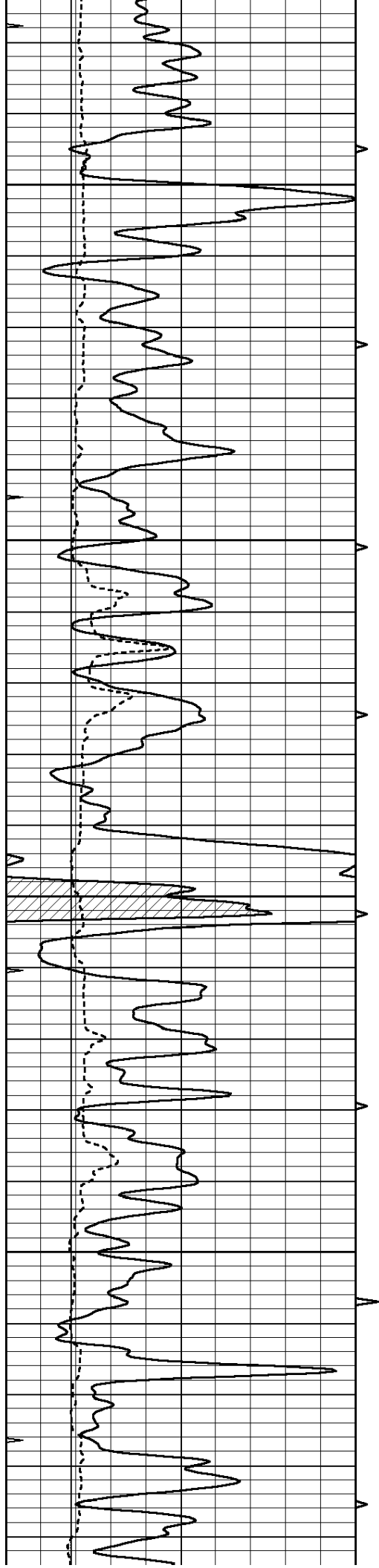
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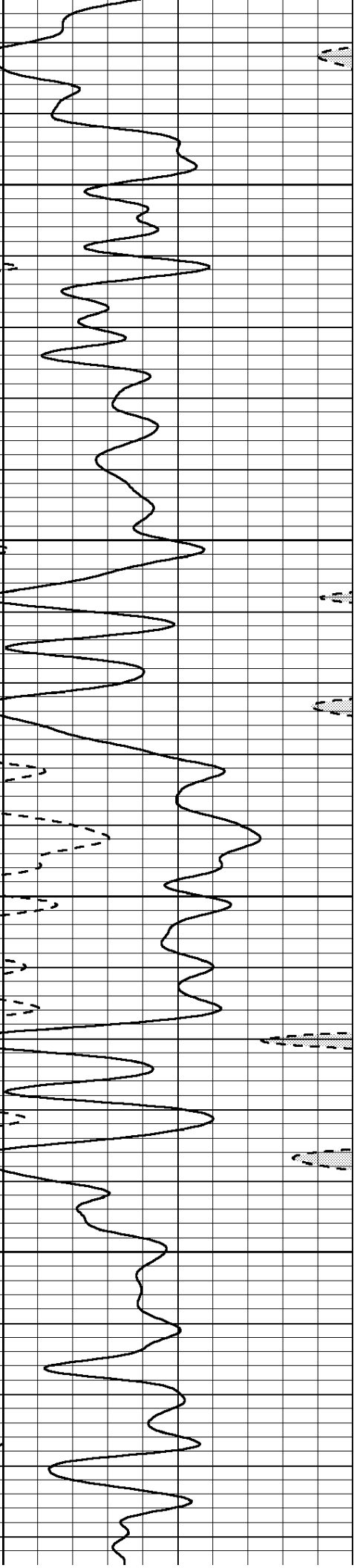
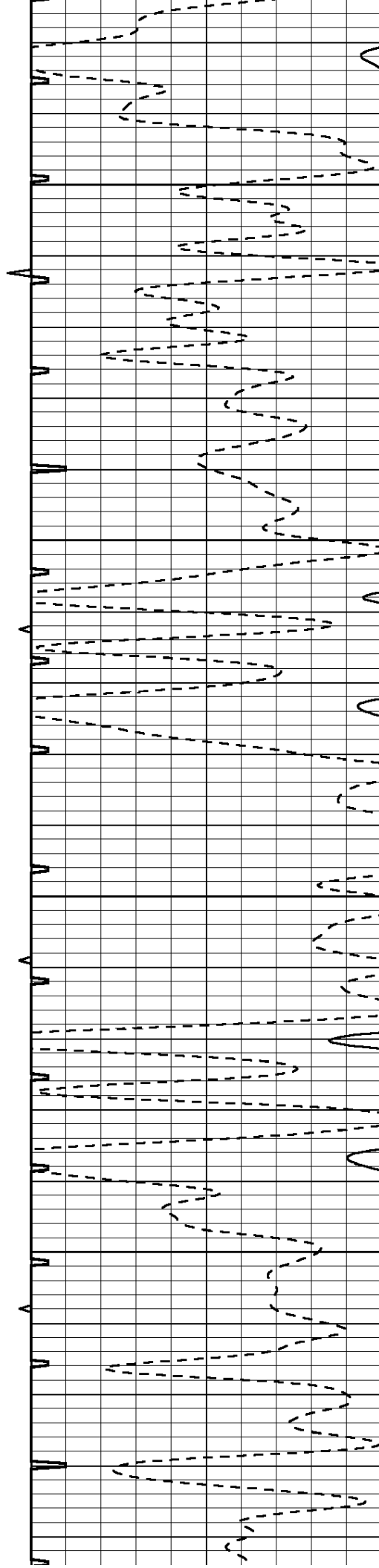


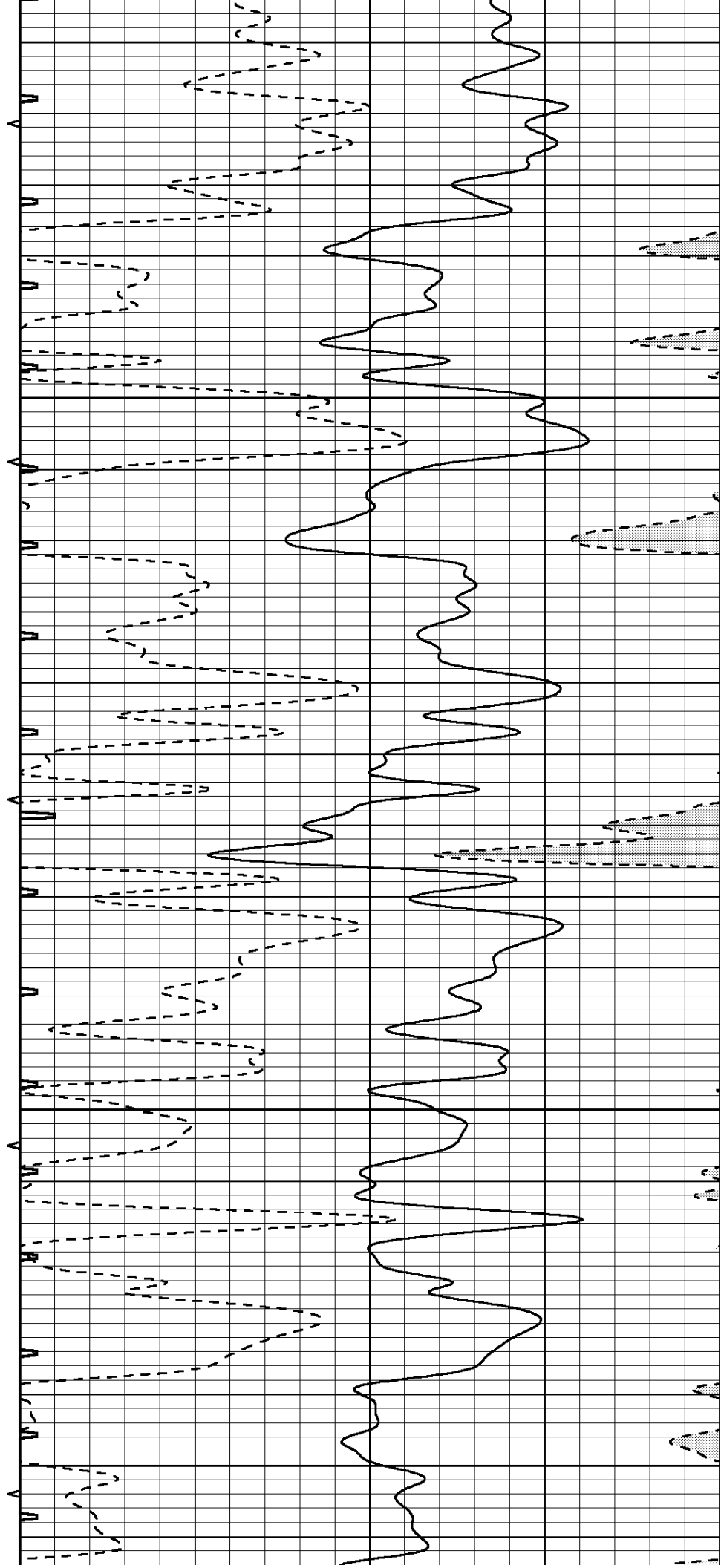
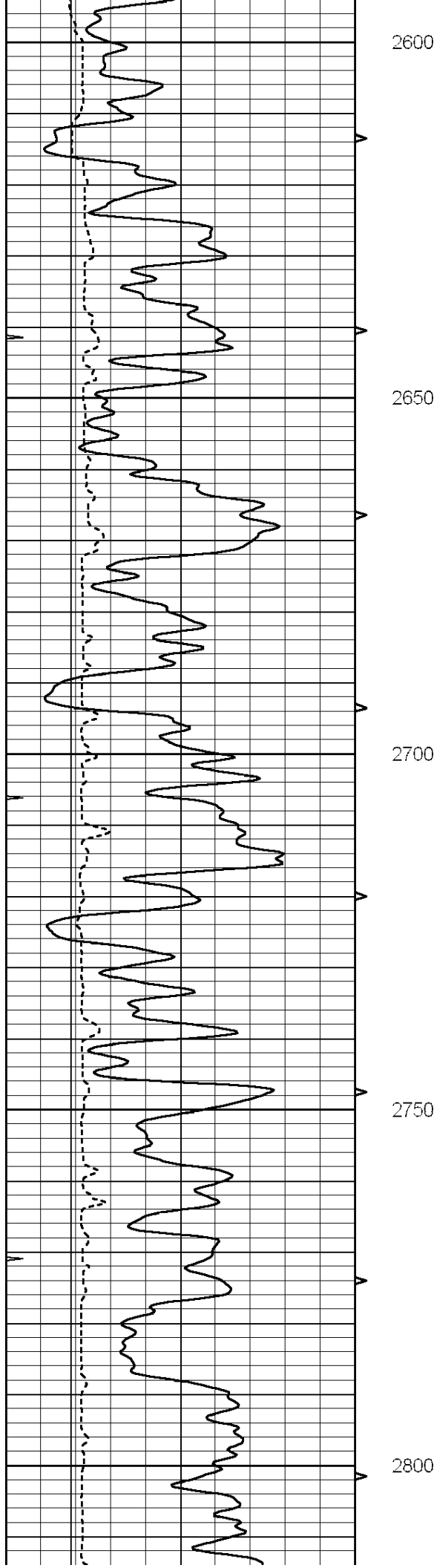
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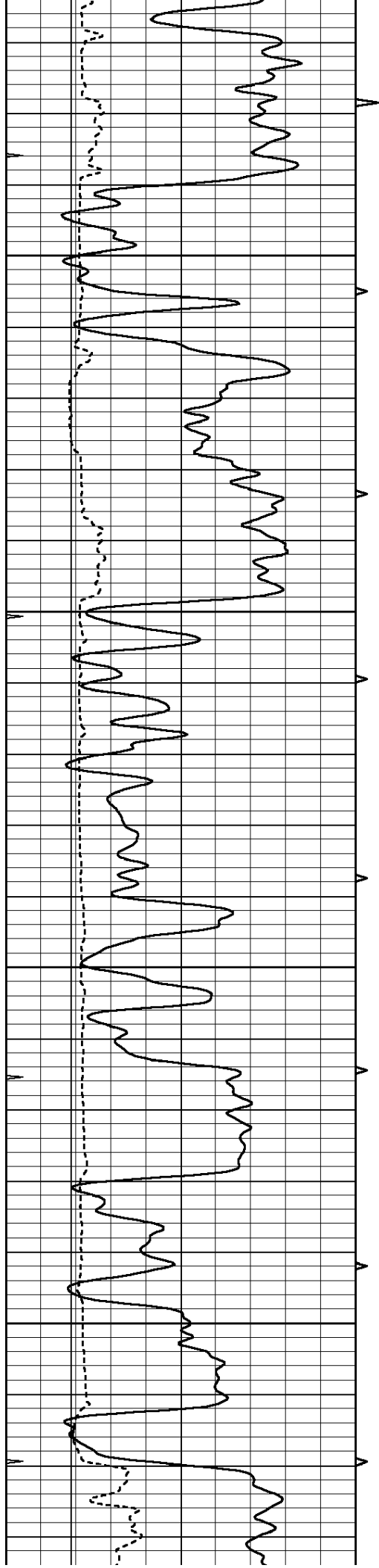
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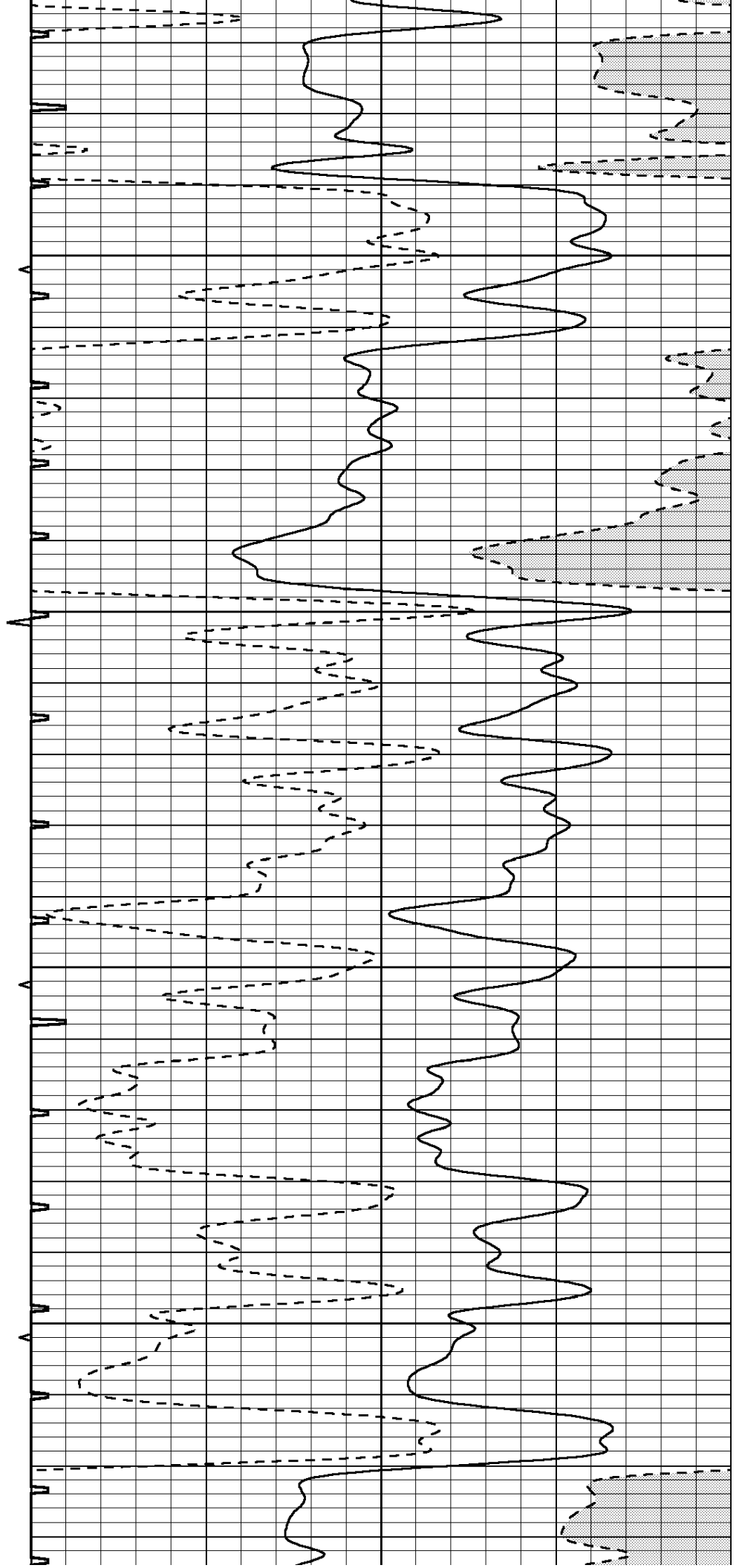


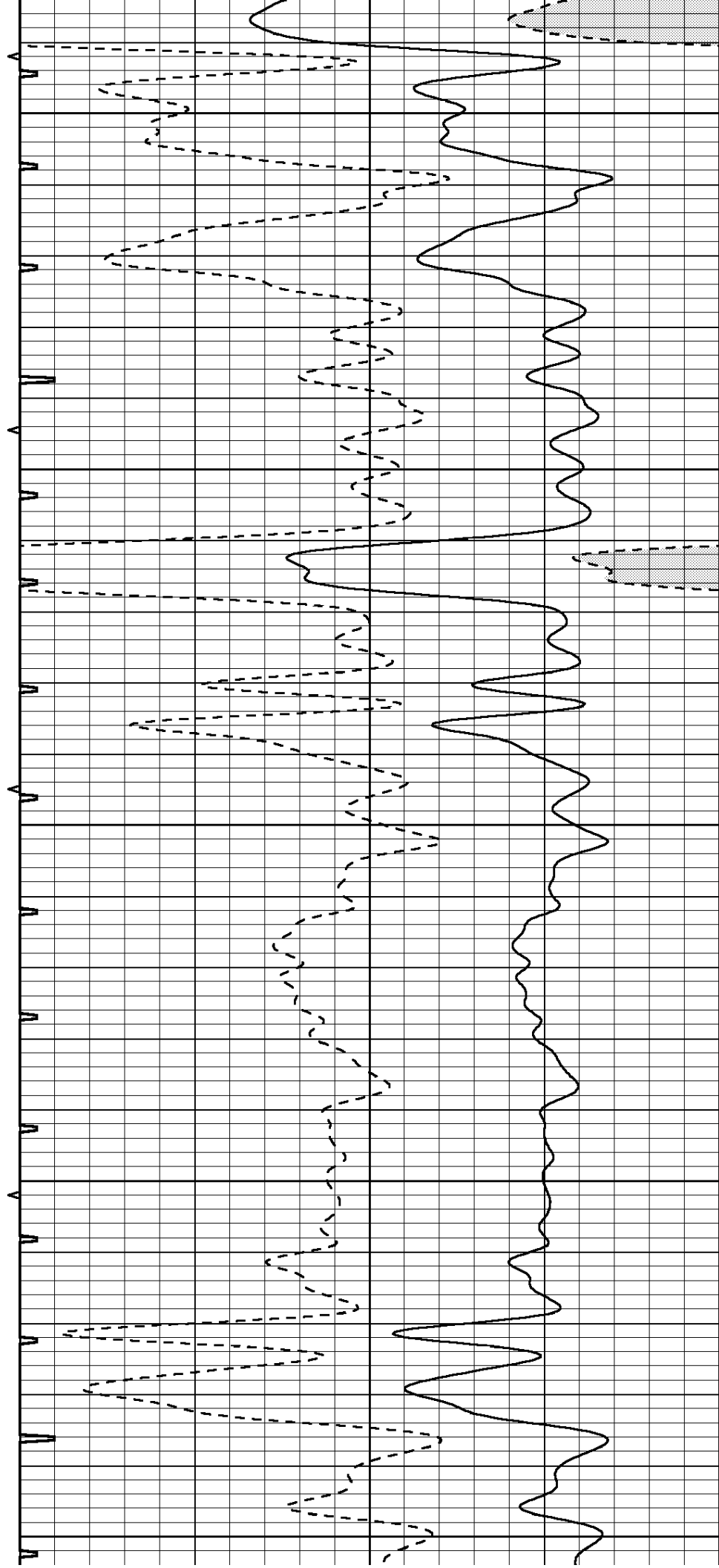
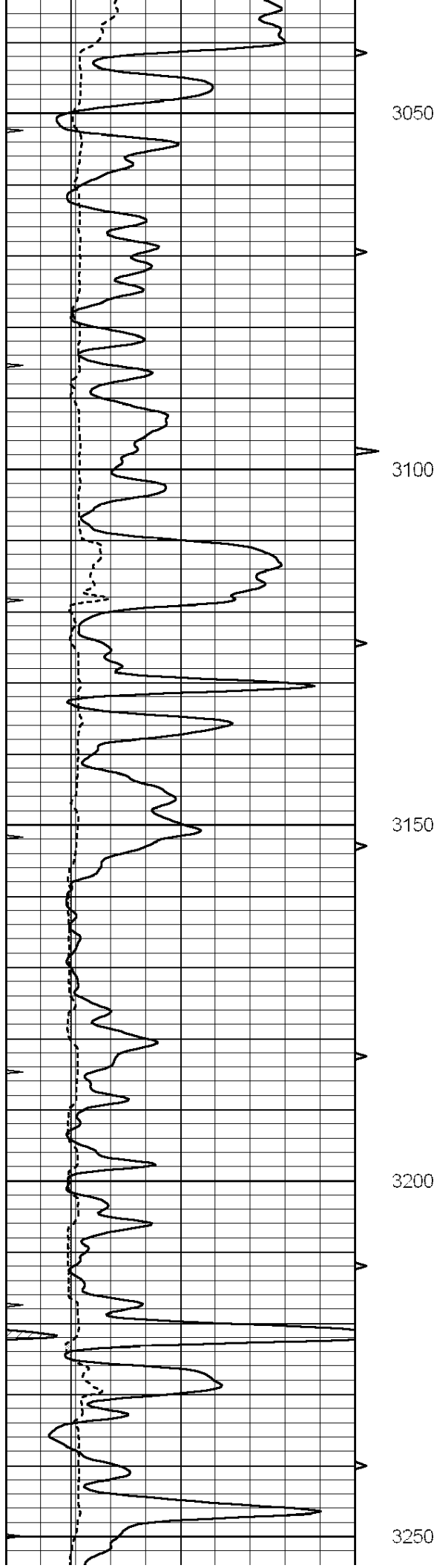
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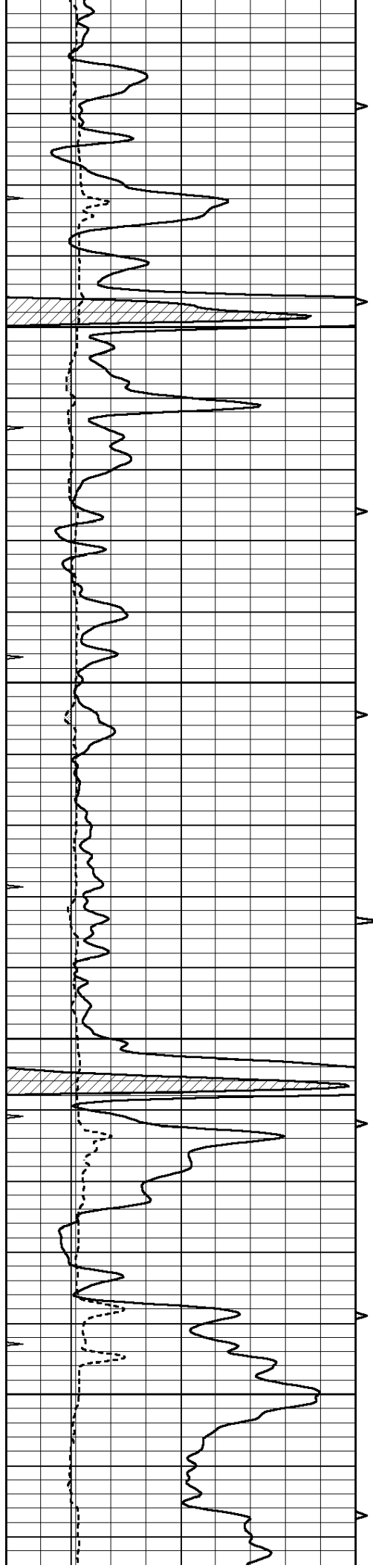
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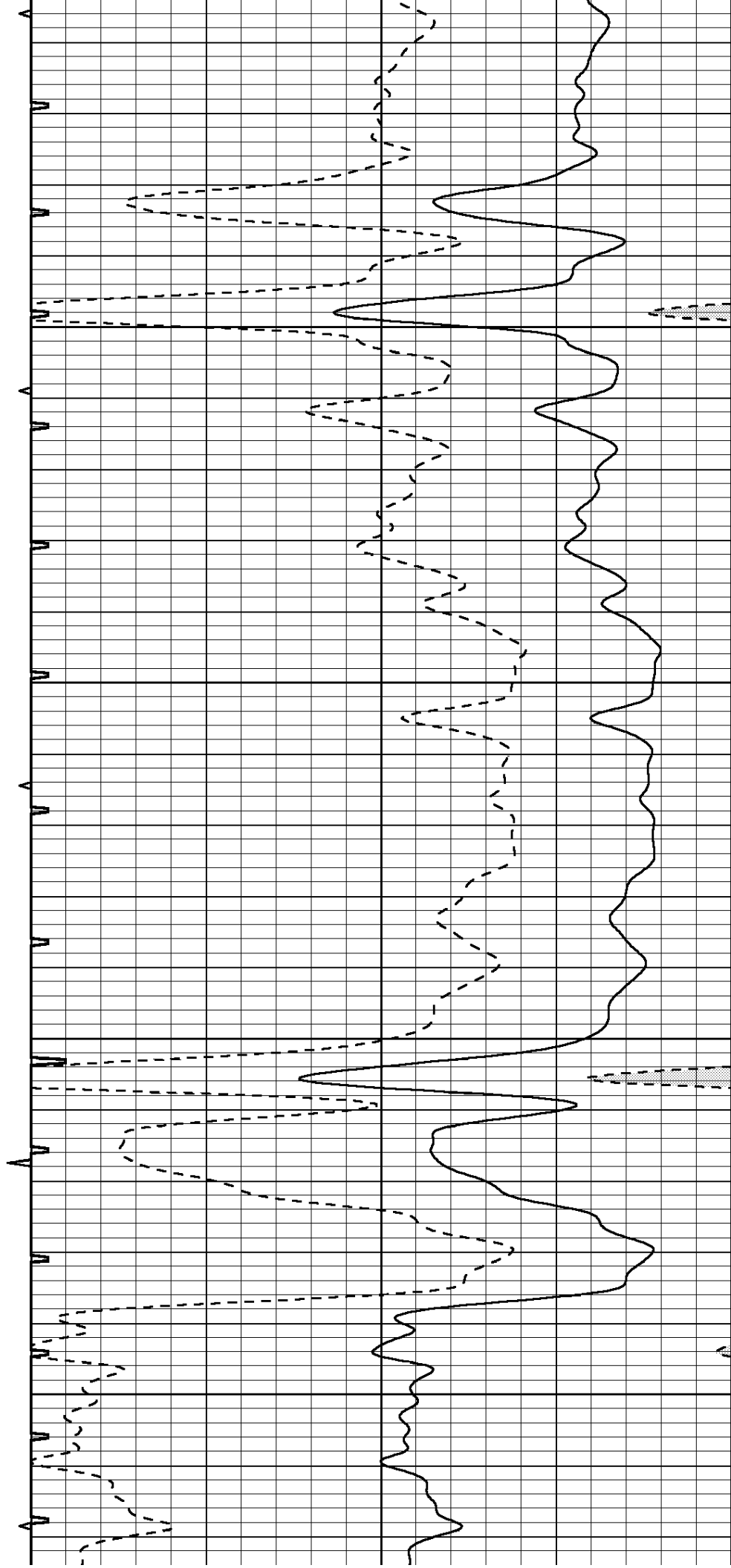


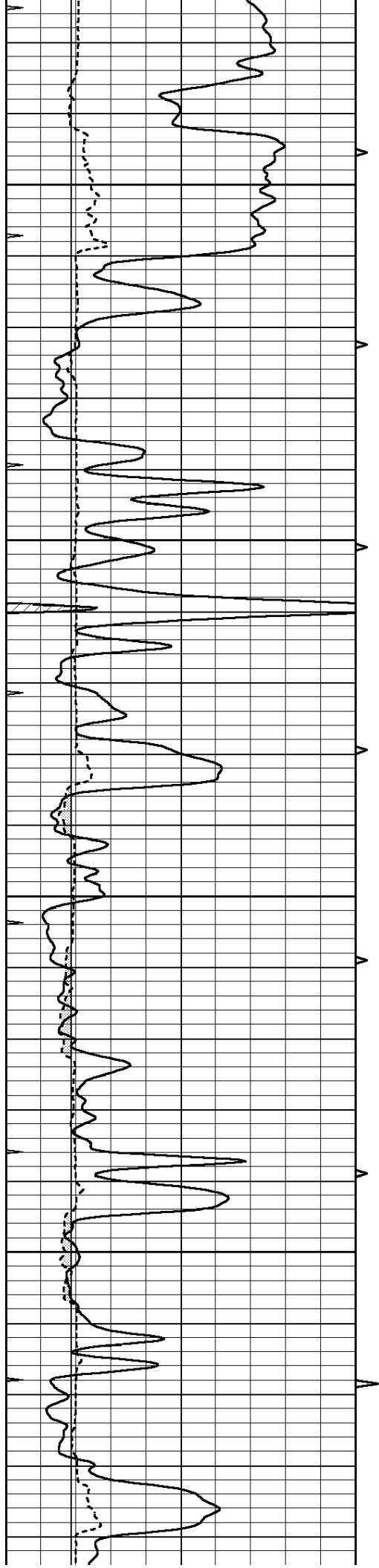
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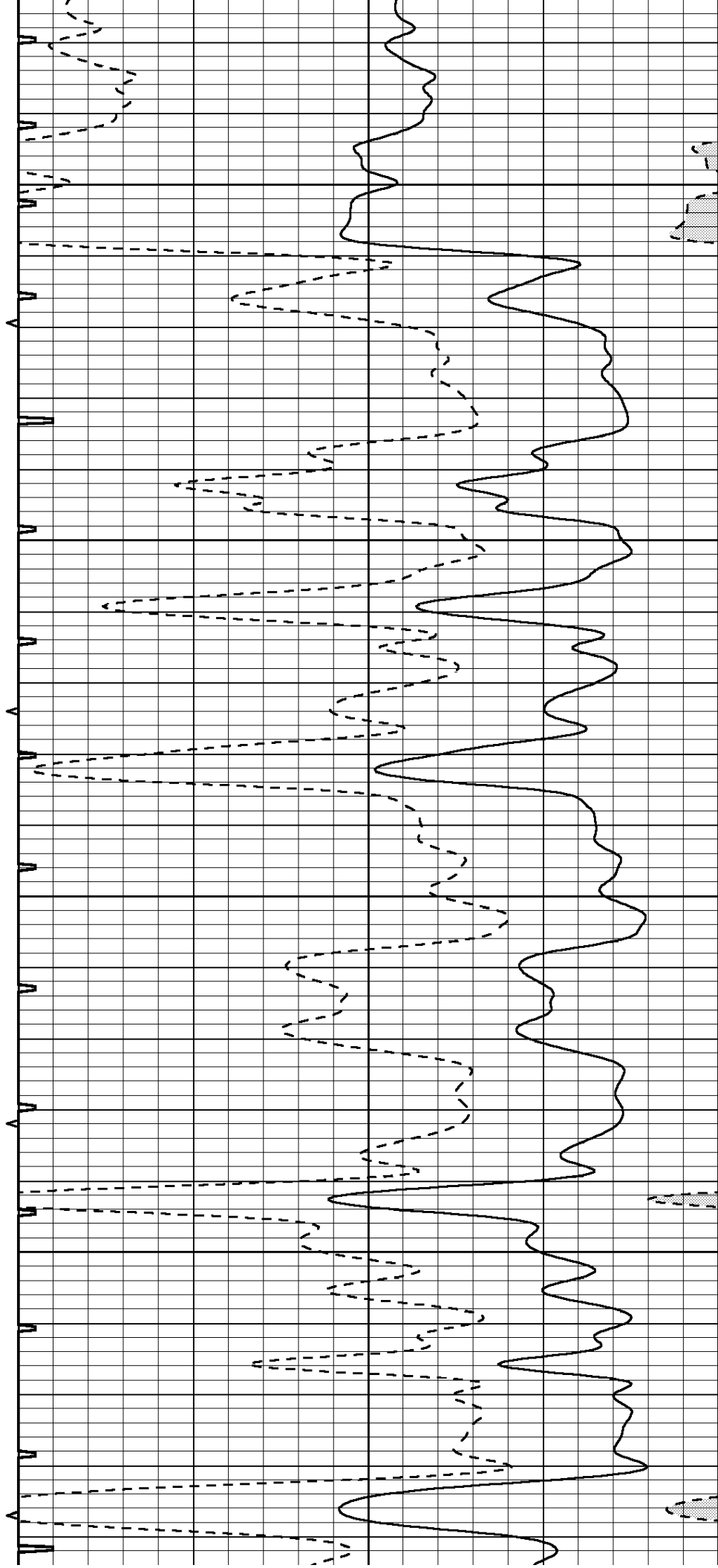


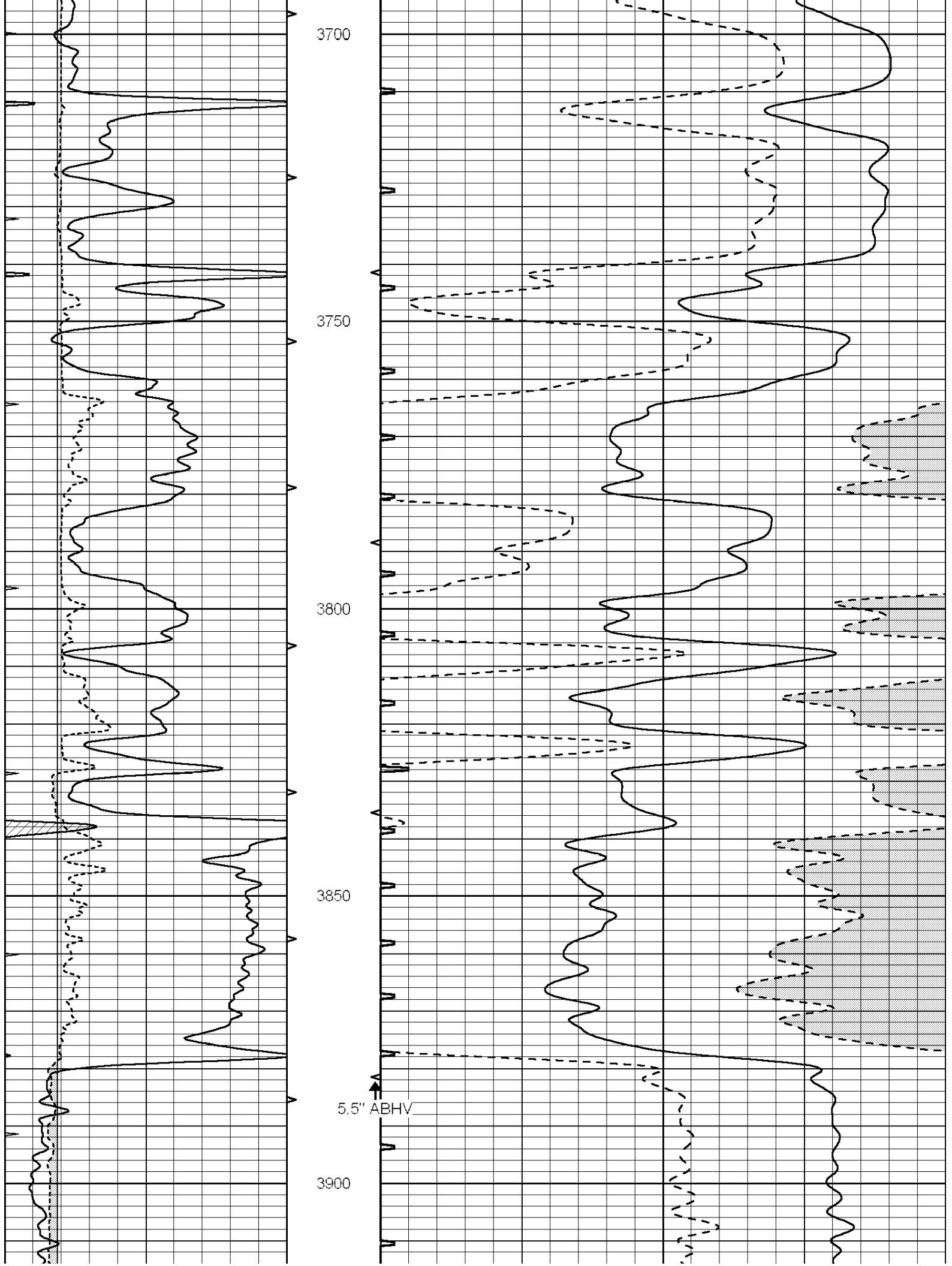
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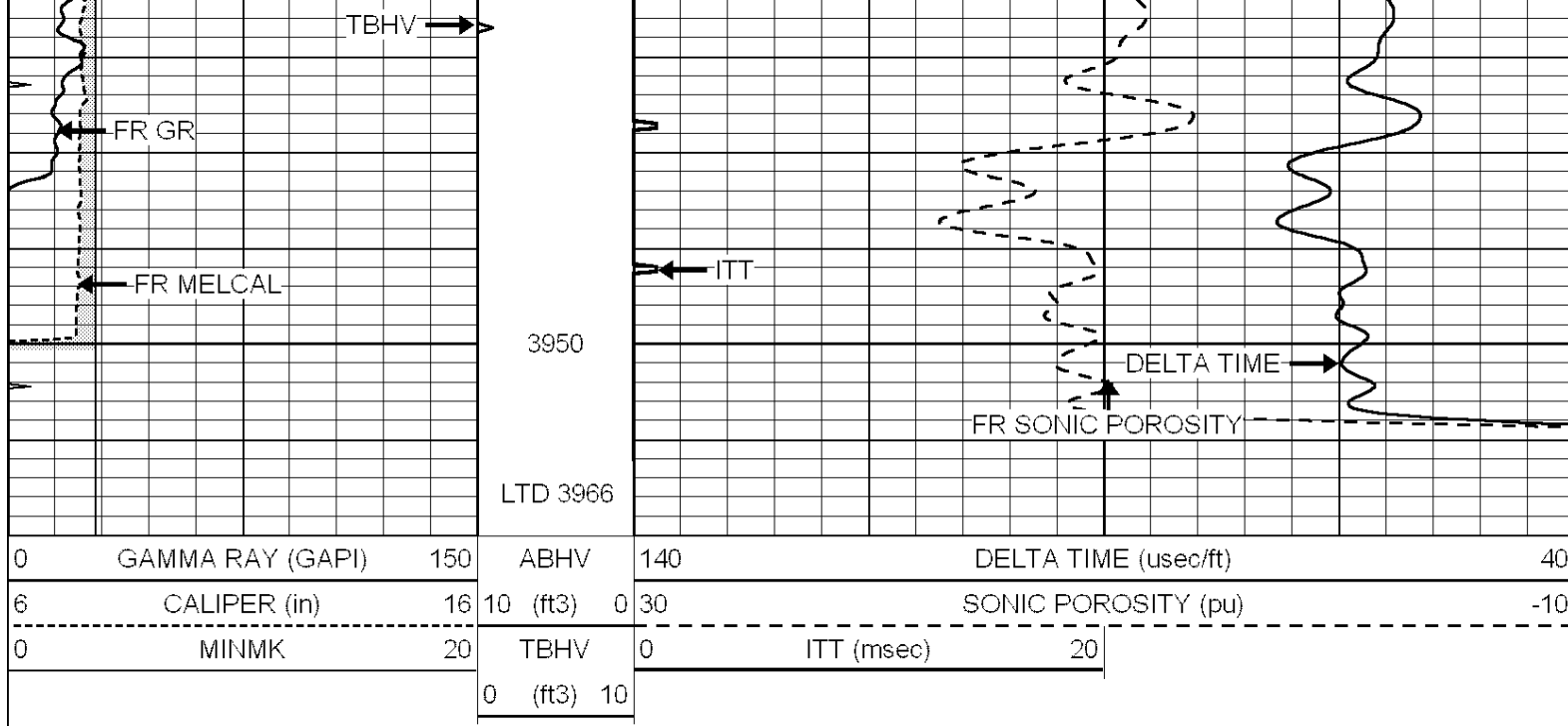
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REPEAT SECTION

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 Presentation Format: slt
 Dataset Creation: Fri Dec 21 00:21:23 2012
 Charted by: Depth in Feet scaled 1:240

