



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		MULL DRILLING COMPANY, INC.	
Well		#1-12 BROWN TRUST	
Field		WILDCAT	
County		SCOTT	
State		KANSAS	
Company		MULL DRILLING COMPANY, INC.	
Well		#1-12 BROWN TRUST	
Field		WILDCAT	
County		SCOTT	
State		KANSAS	
Location:		API # : 15-171-20932-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 9' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 12 TWP 16S RGE 32W		Elevation	
		K.B. 2945	
		D.F. 2943	
		G.L. 2936	
Date		10/1/13	
Run Number		TWO	
Depth Driller		4700	
Depth Logger		4699	
Bottom Logged Interval		4687	
Top Log Interval		200	
Casing Driller		8 5/8"@210'	
Casing Logger		208	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/60	
pH / Fluid Loss		11.0/4.8	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.900@85F	
Rmf @ Meas. Temp		.675@85F	
Rmc @ Meas. Temp		1.08@85F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.627@122F	
Time Circulation Stopped		4.5 HOURS	
Time Logger on Bottom		10:15 A.M.	
Maximum Recorded Temperature		122F	
Equipment Number		4854	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
Witnessed By		KEVIN KESSLER	

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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
OAKLEY, KS & HWY 83, 31S. ON HWY 83 TO "RD. 280", 3E. TO DEAD END SIGN. CONTINUE 1 1/2
MORE E. ON PATURE TRAIL
(ALTERNATE) 14 N. OF SCOTT CITY ON HWY 83

Database File:

011679pe.db

Dataset Pathname:

pass6.6

Presentation Format:

slt

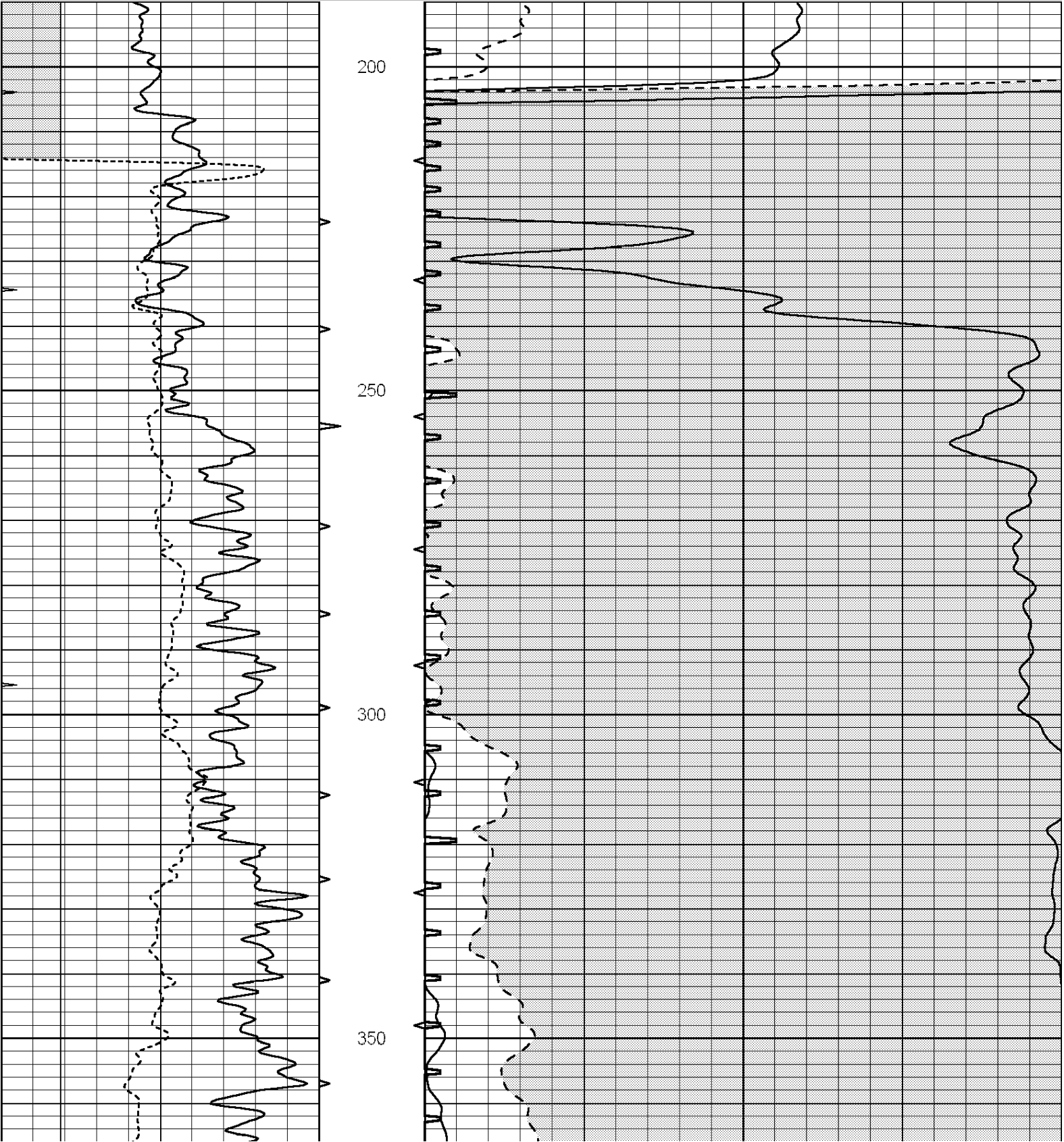
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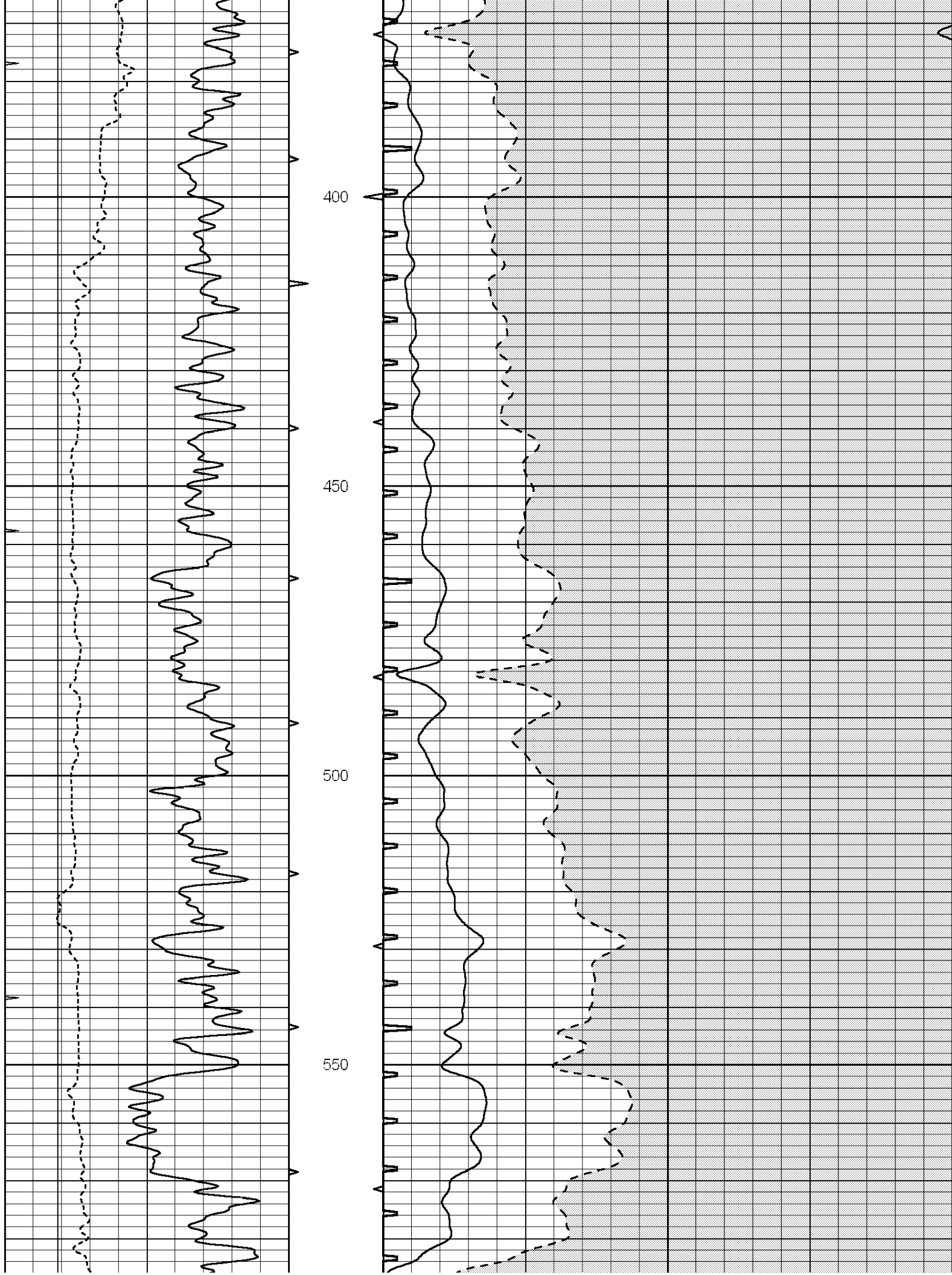
Tue Oct 01 13:57:22 2013

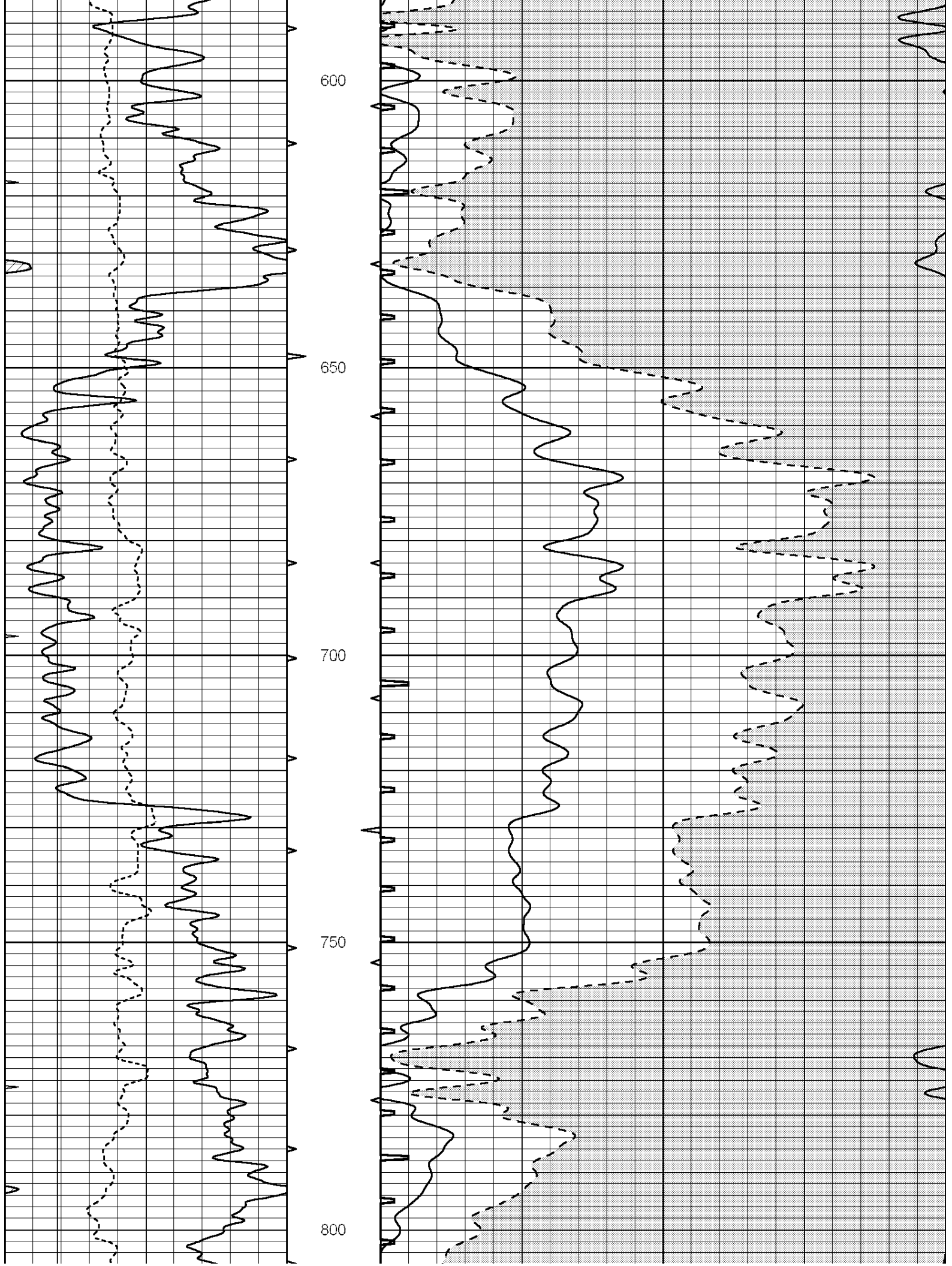
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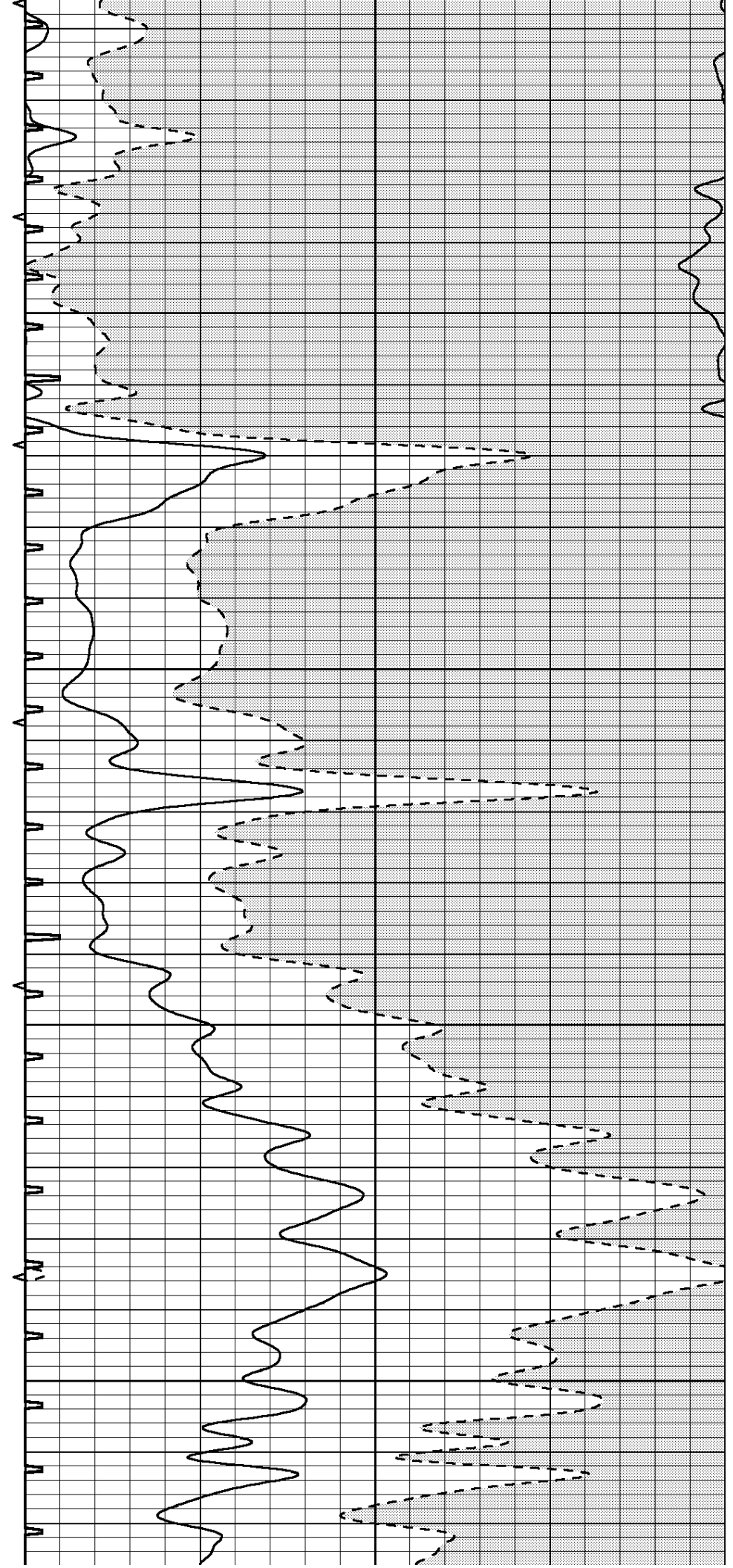
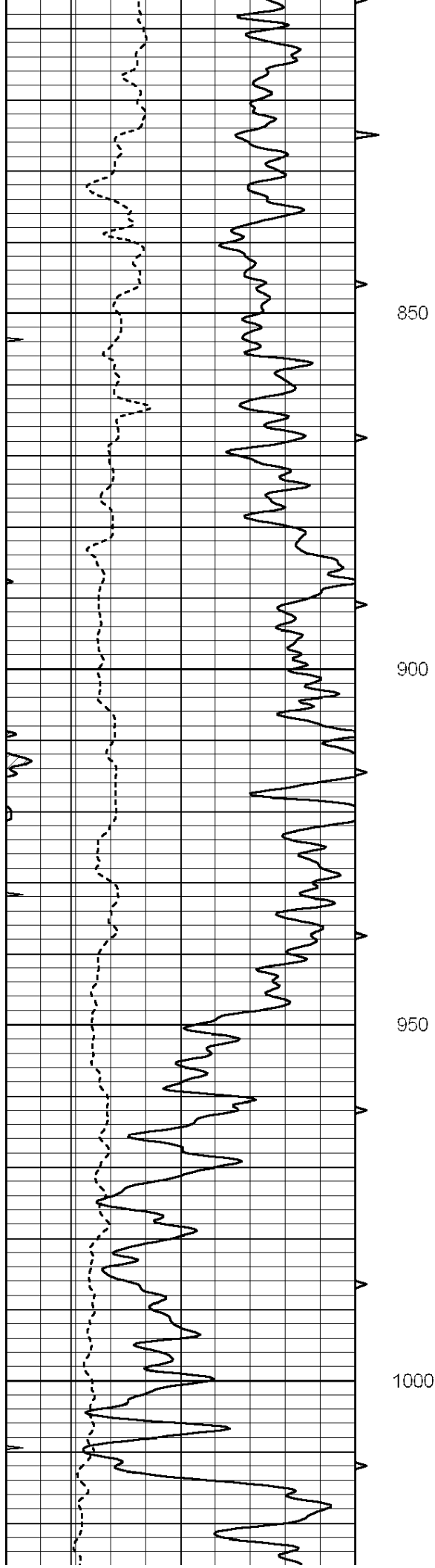
Depth in Feet scaled 1:240

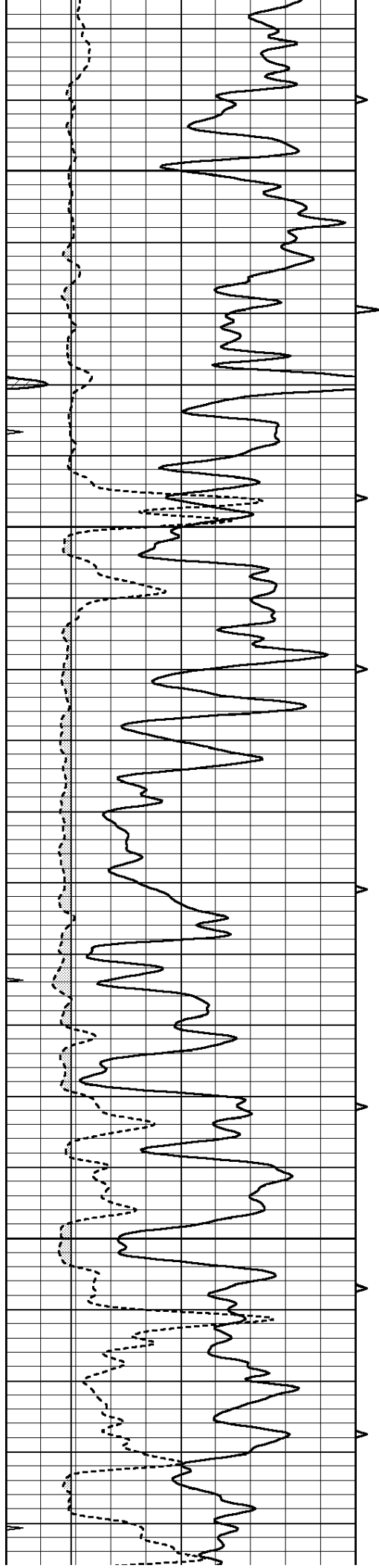
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			









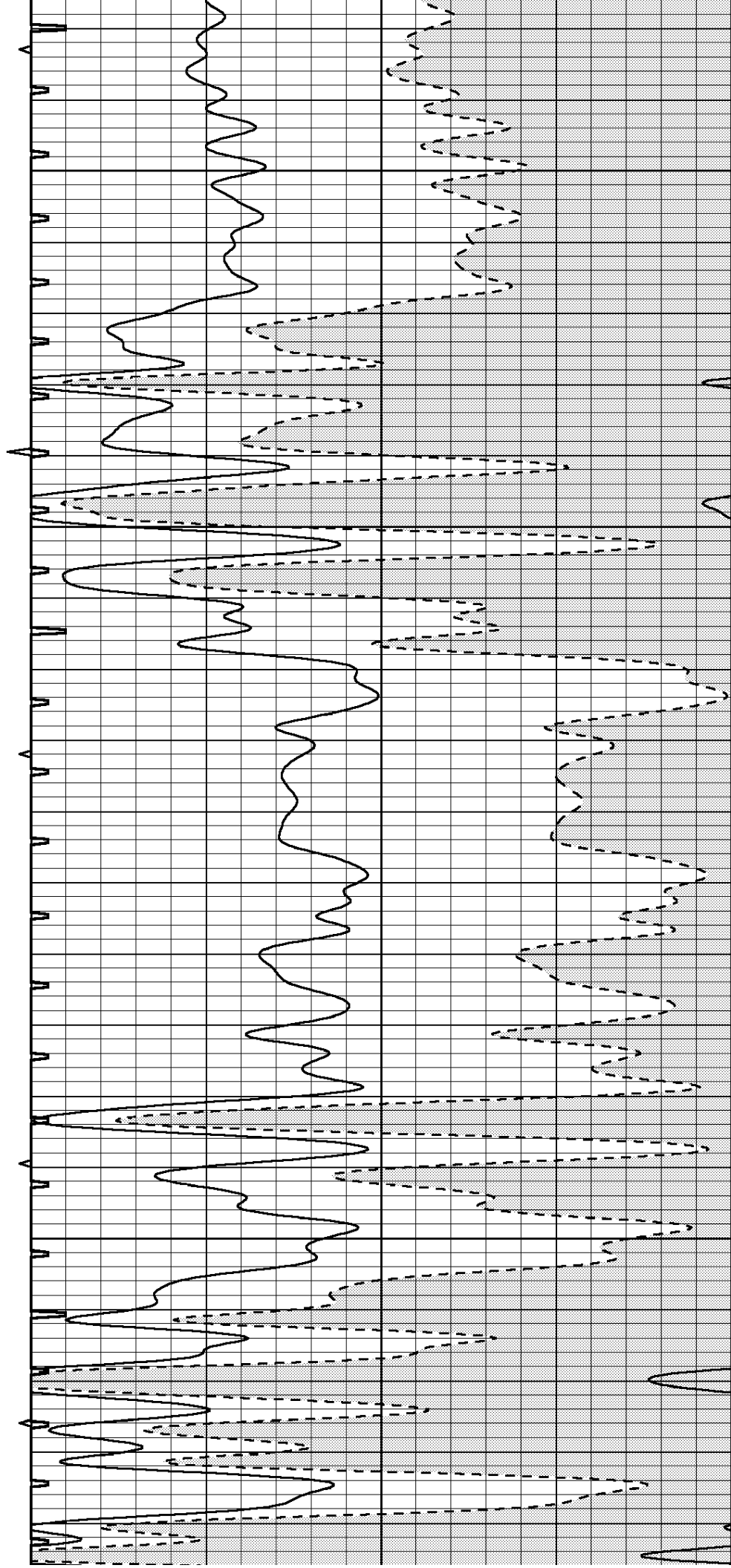


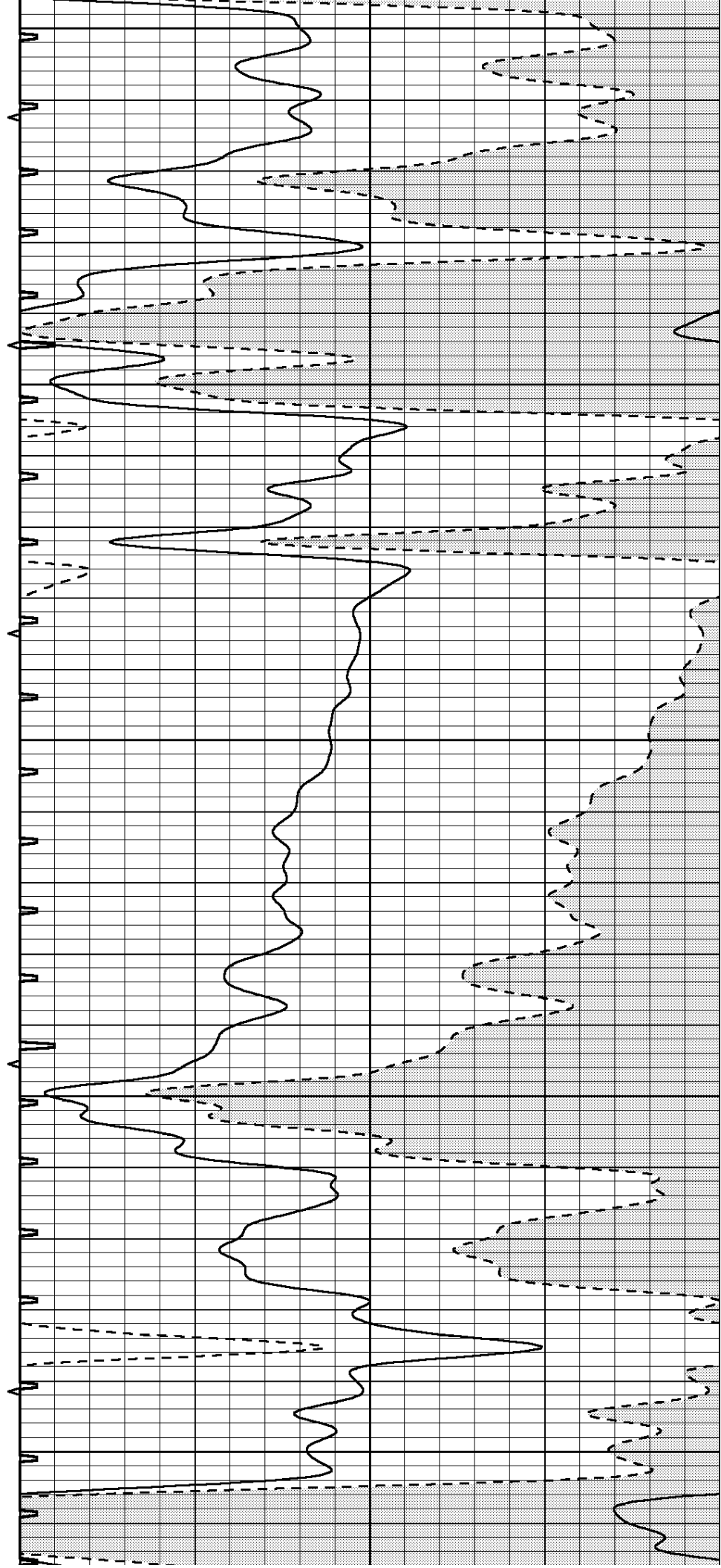
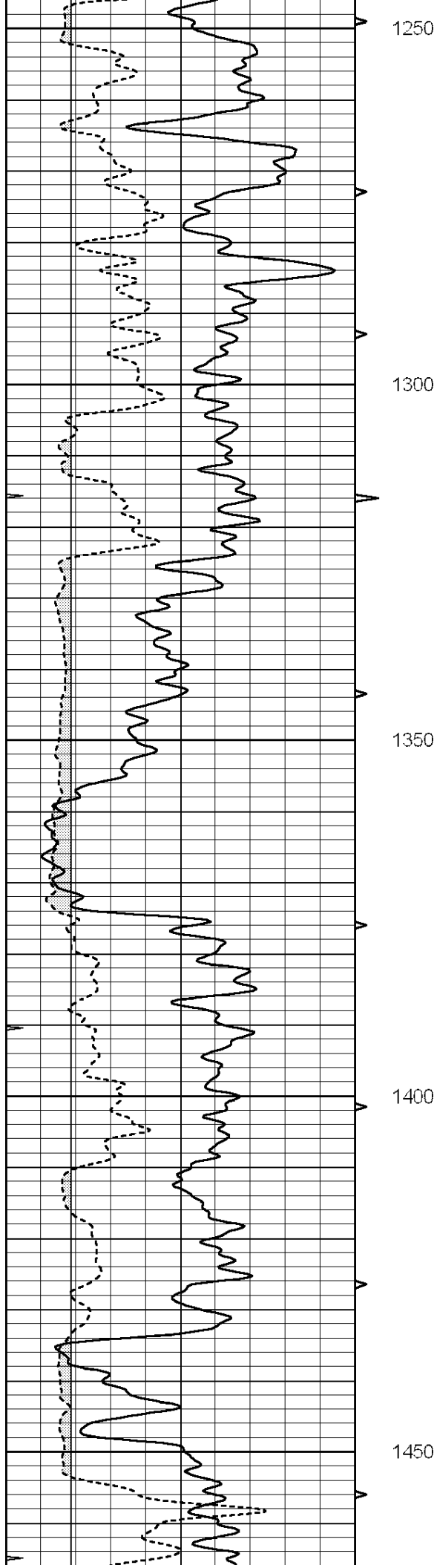
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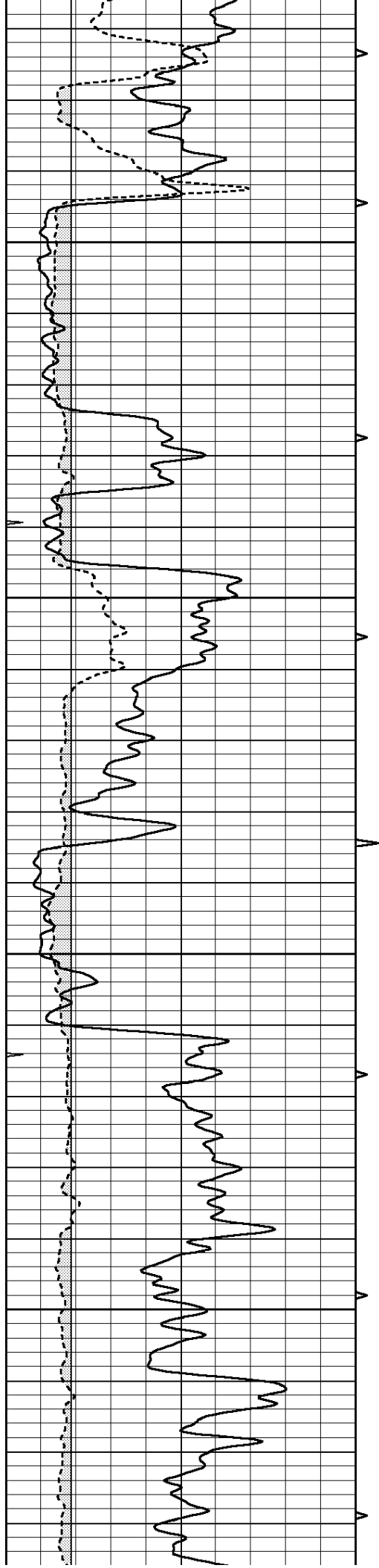
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1150

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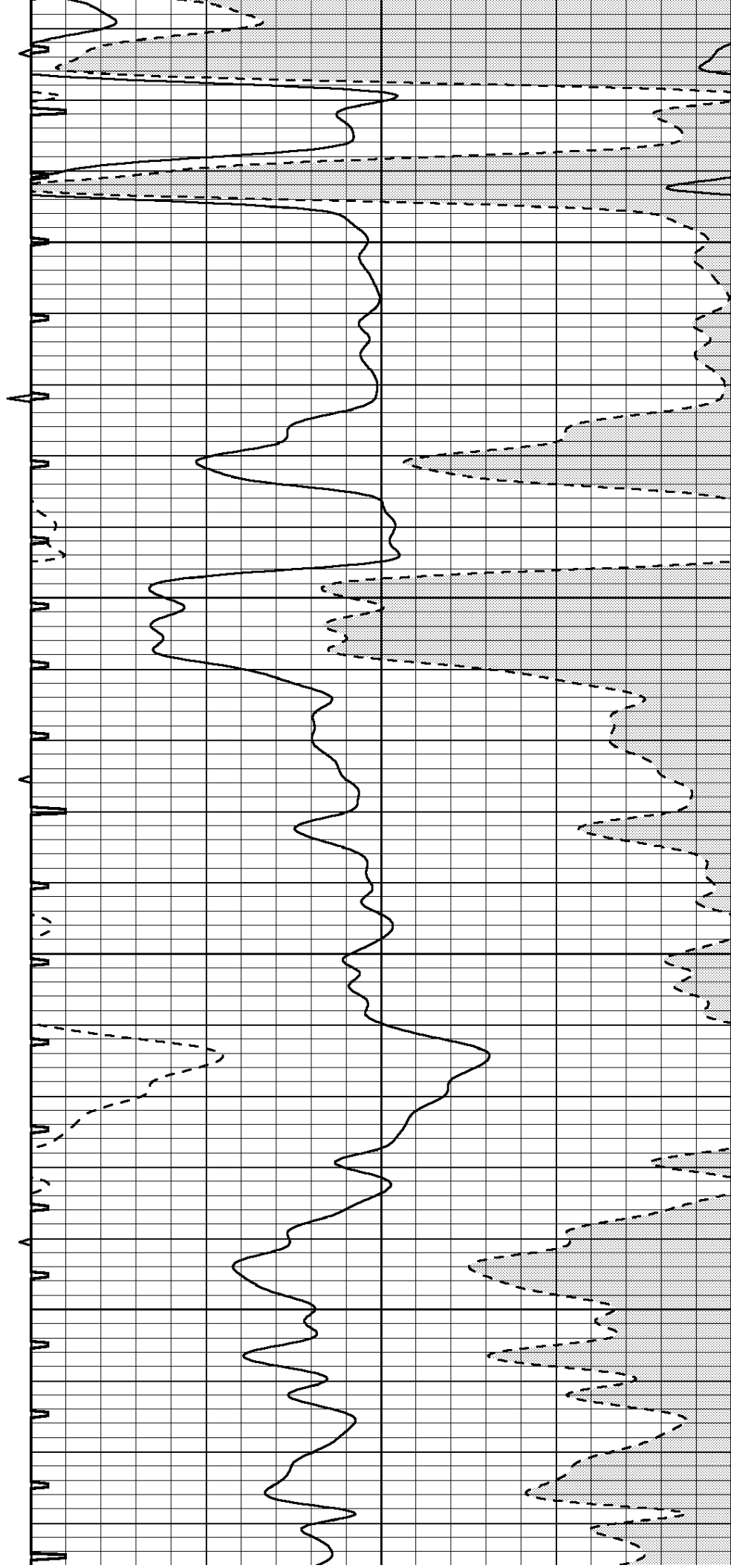


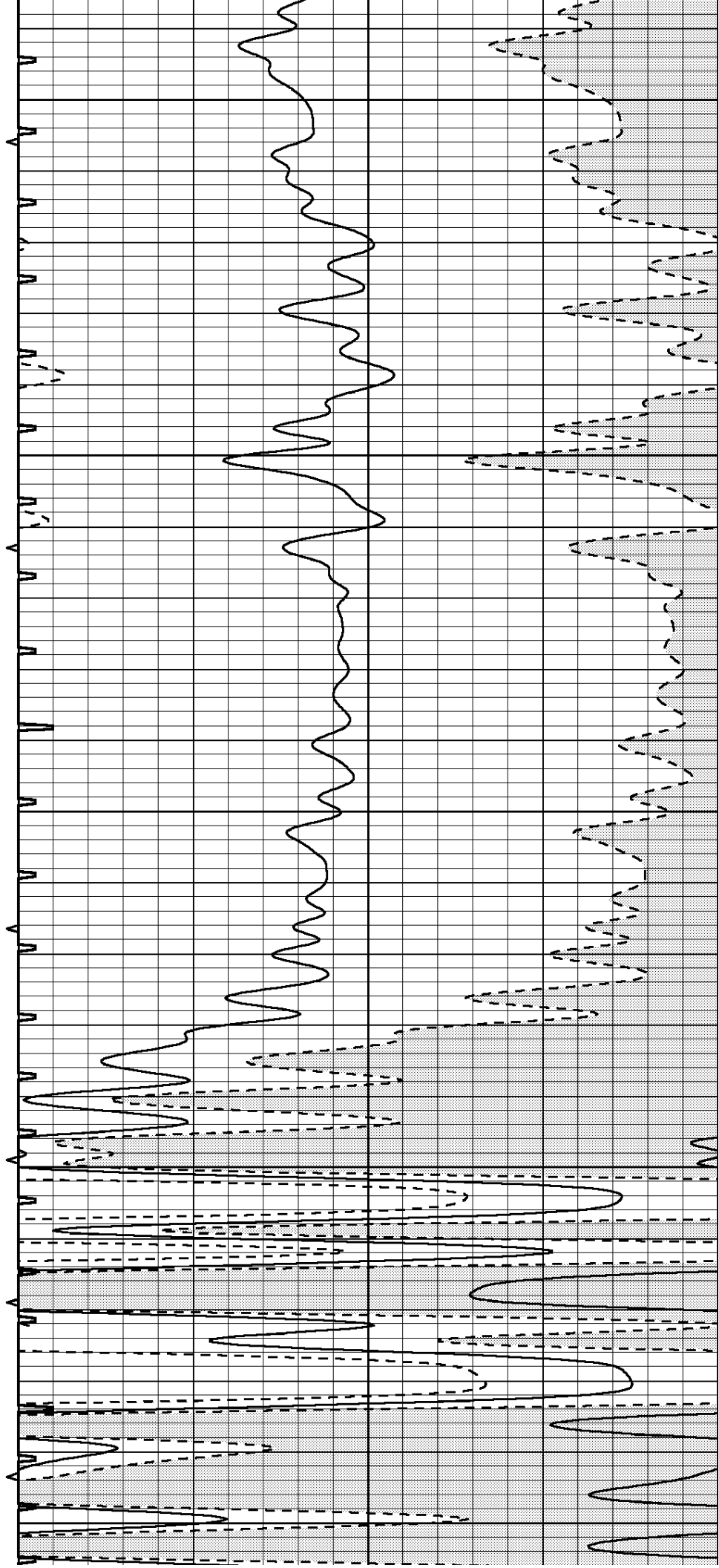
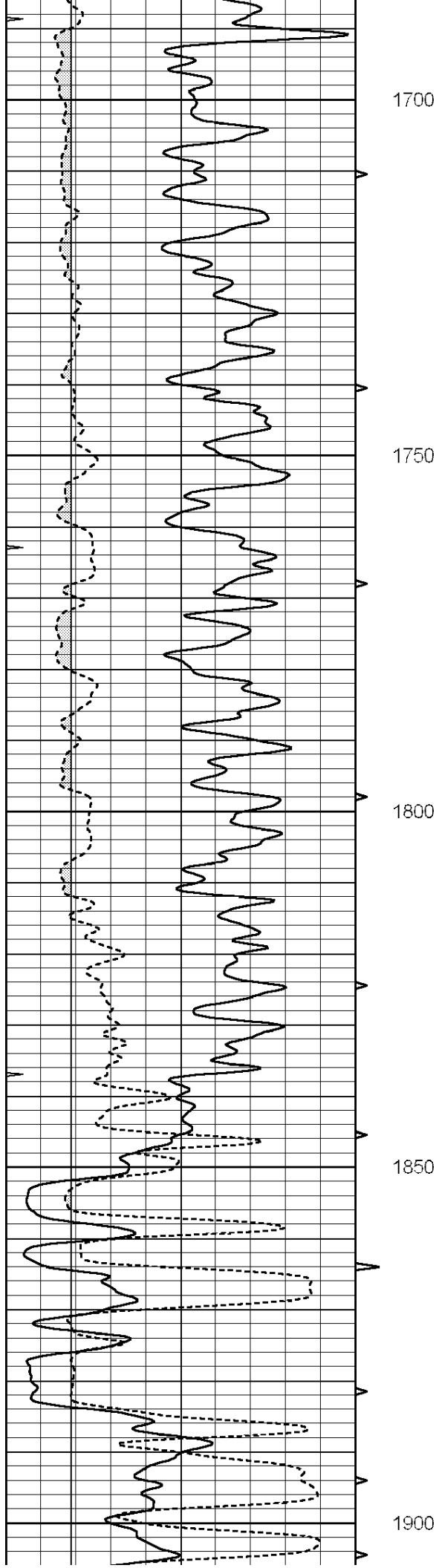
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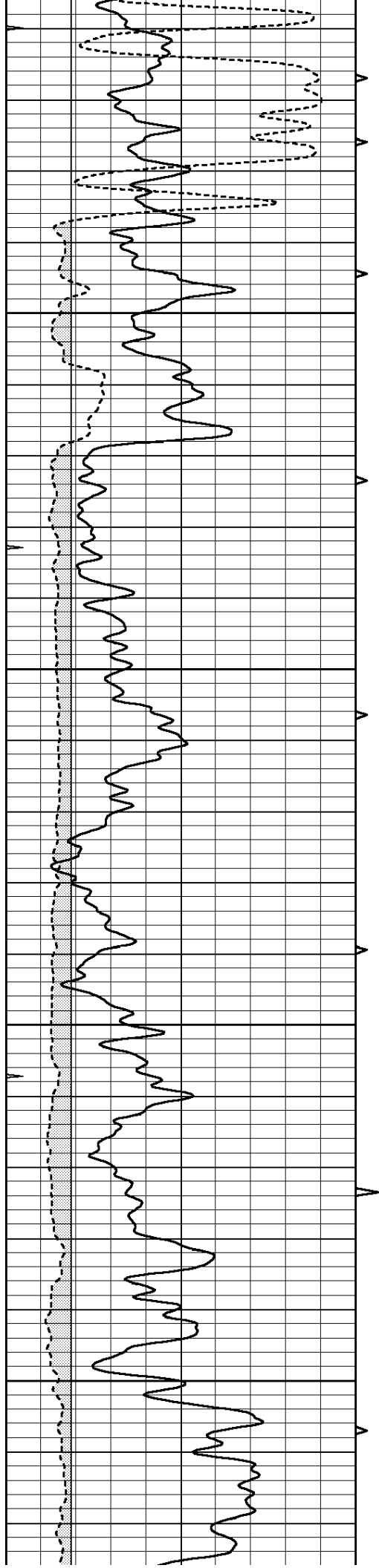
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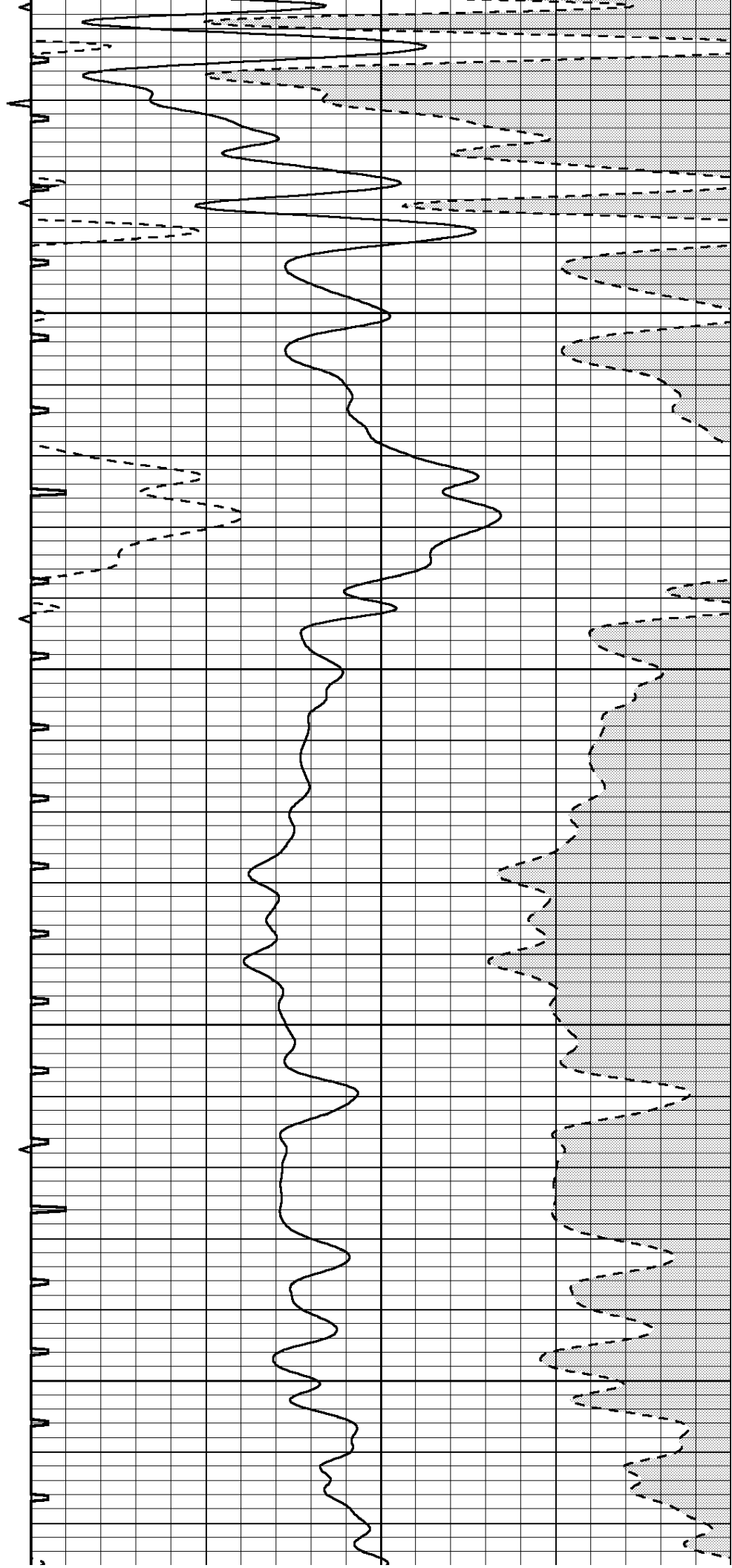


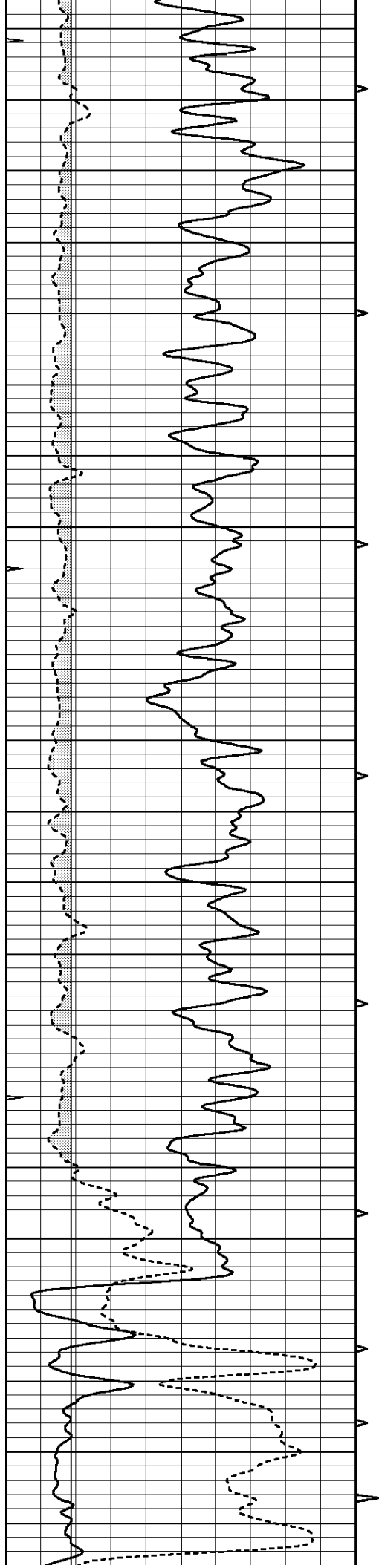
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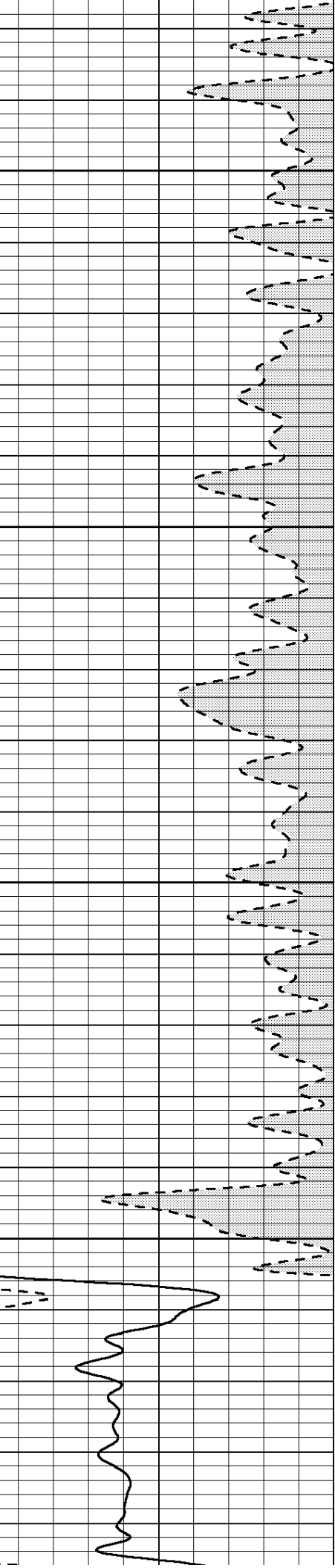
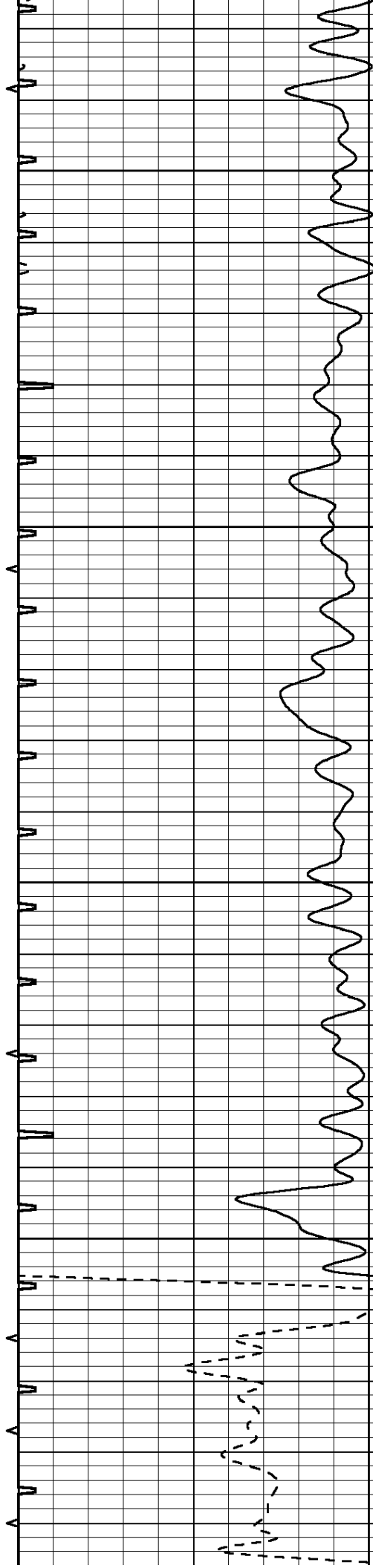


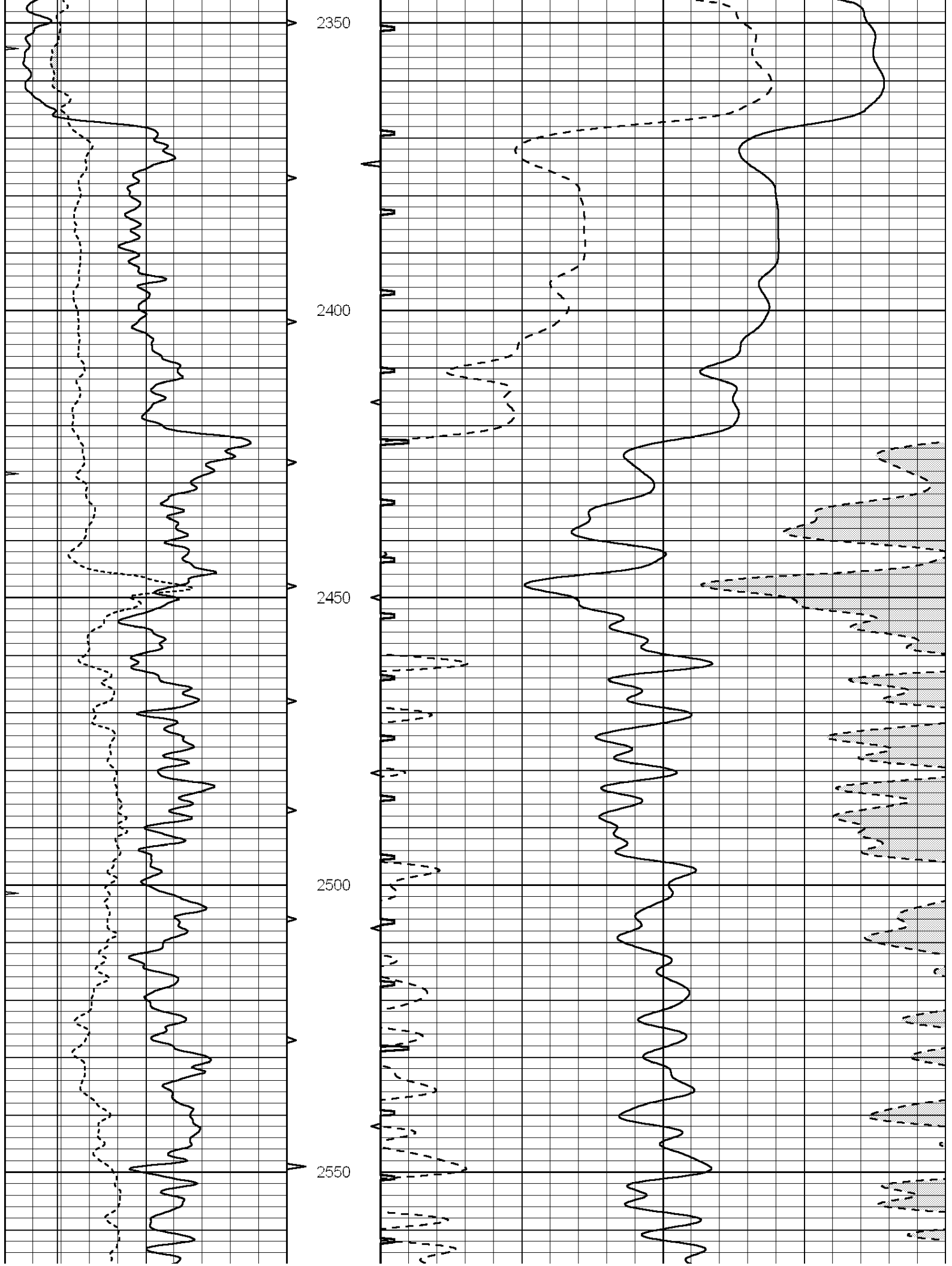
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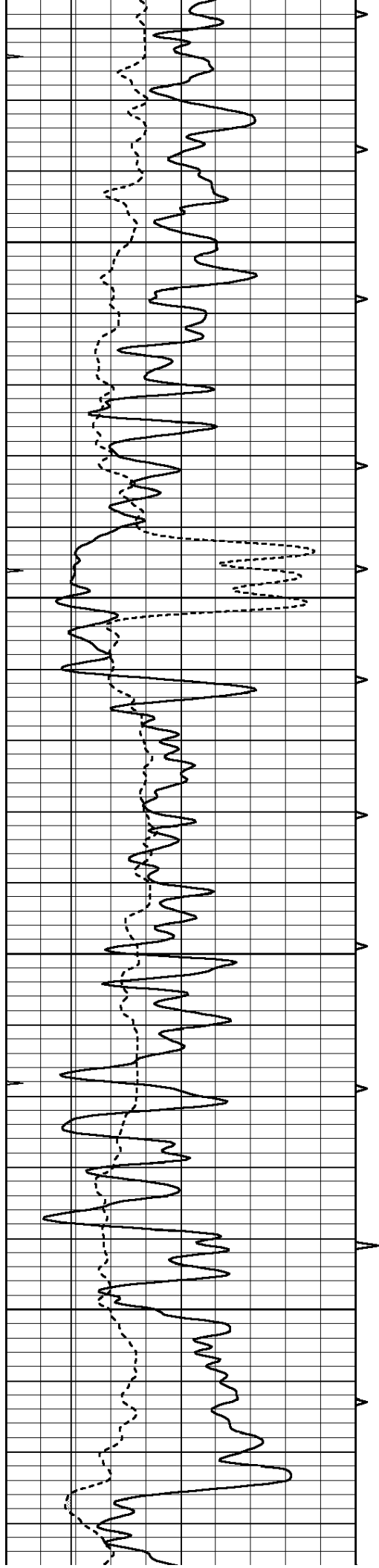
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2300





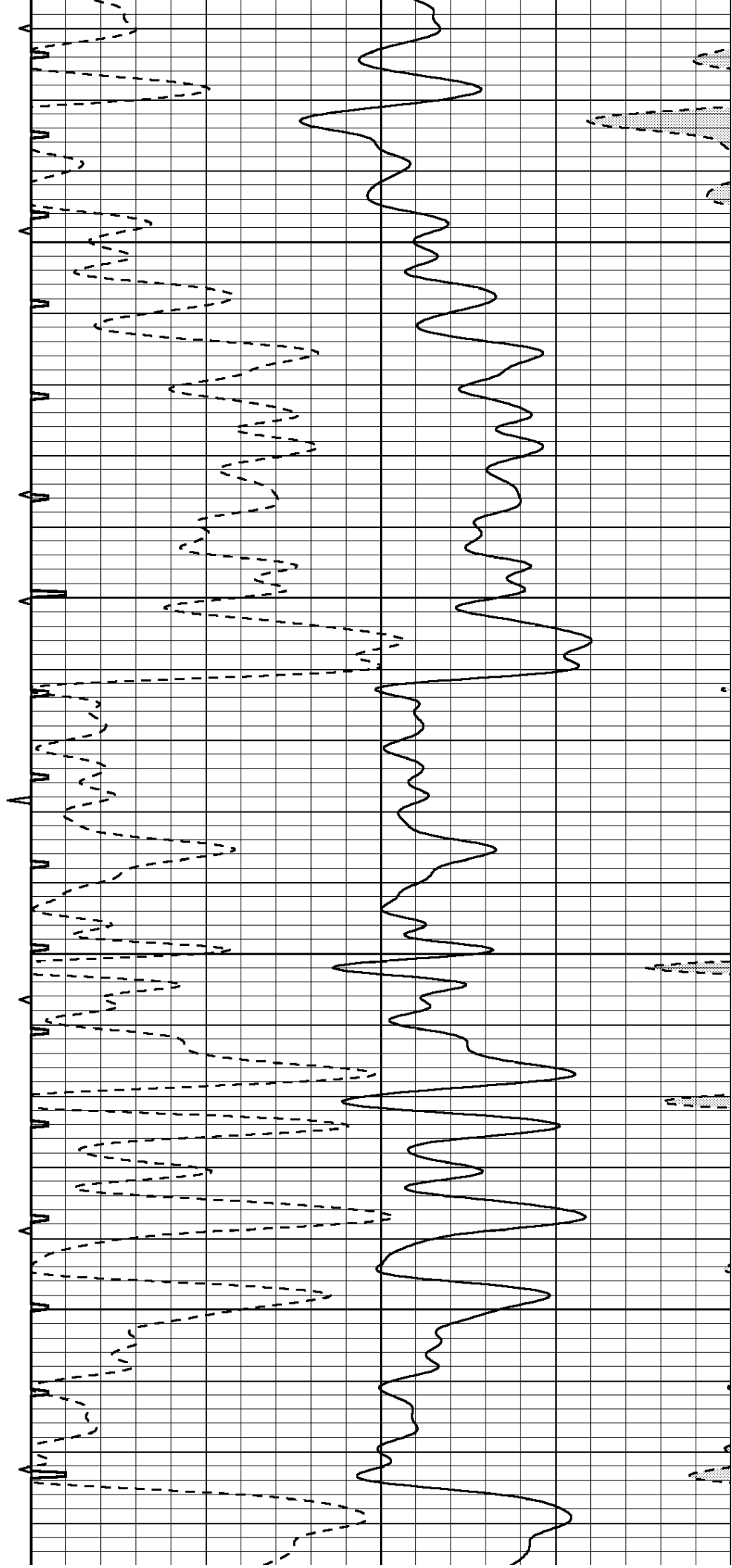


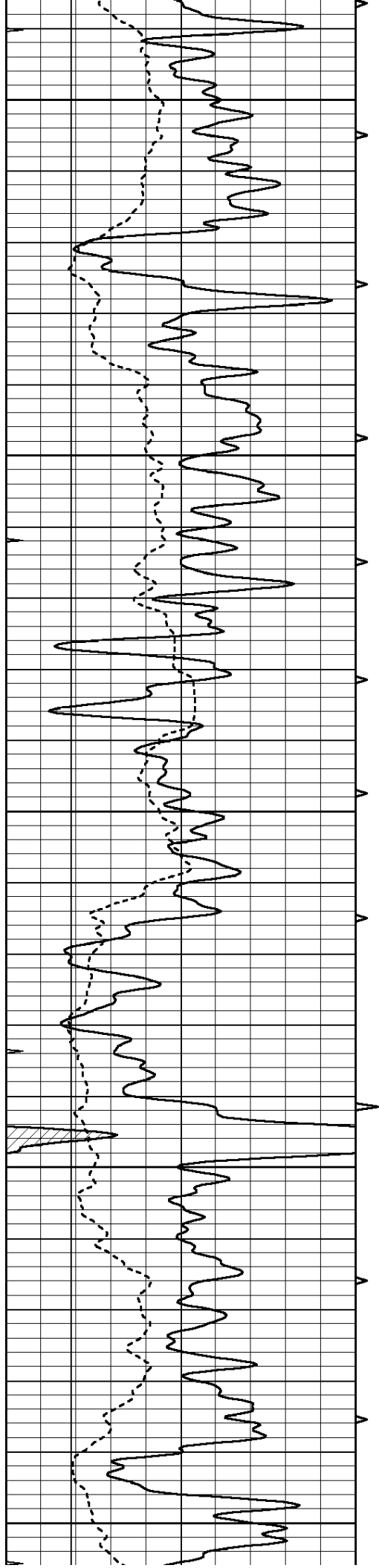
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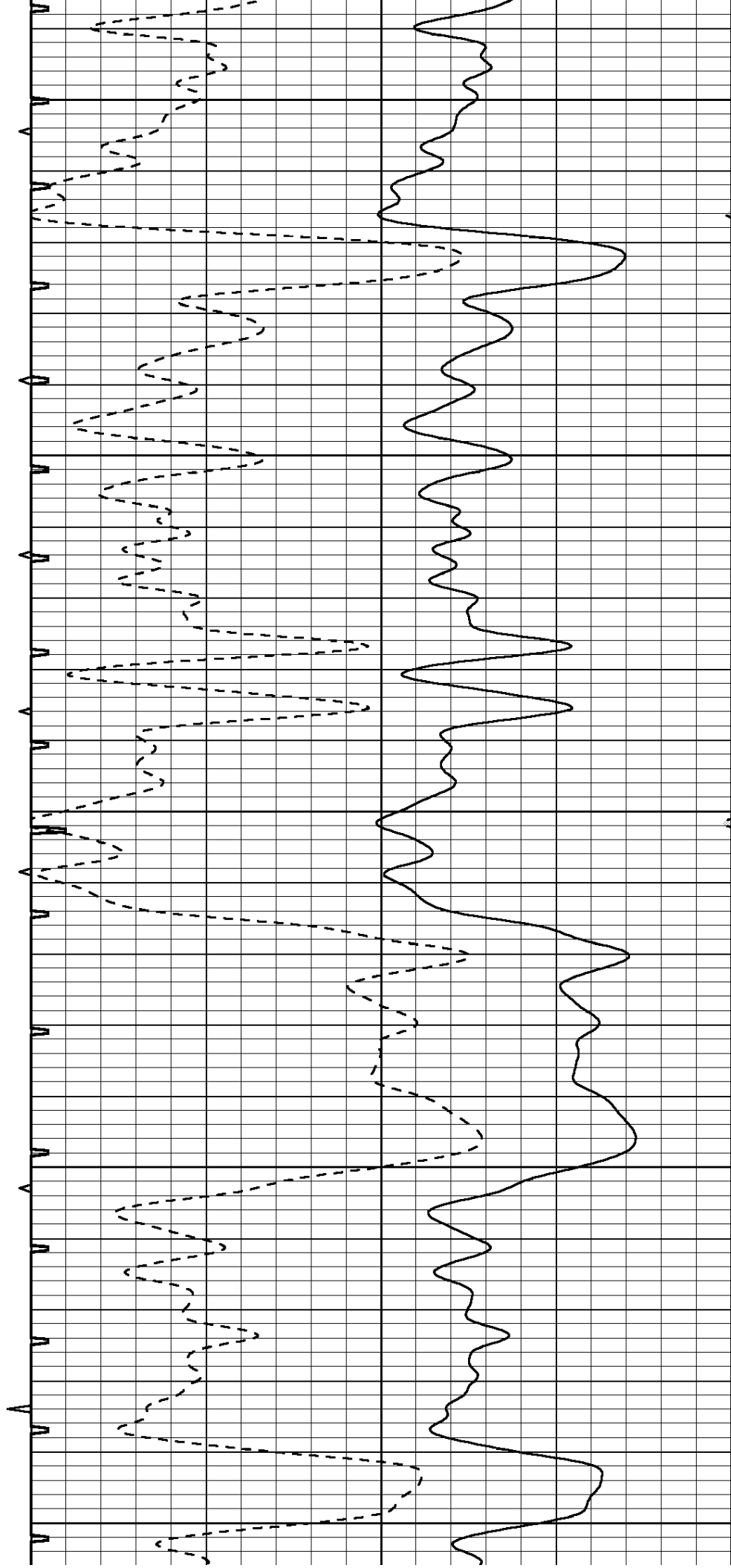
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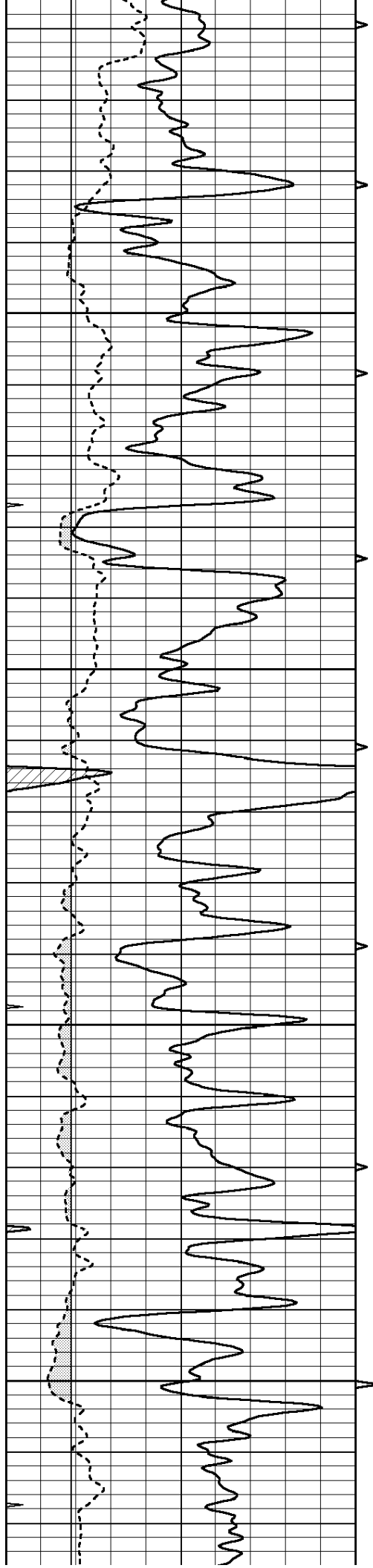
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2900

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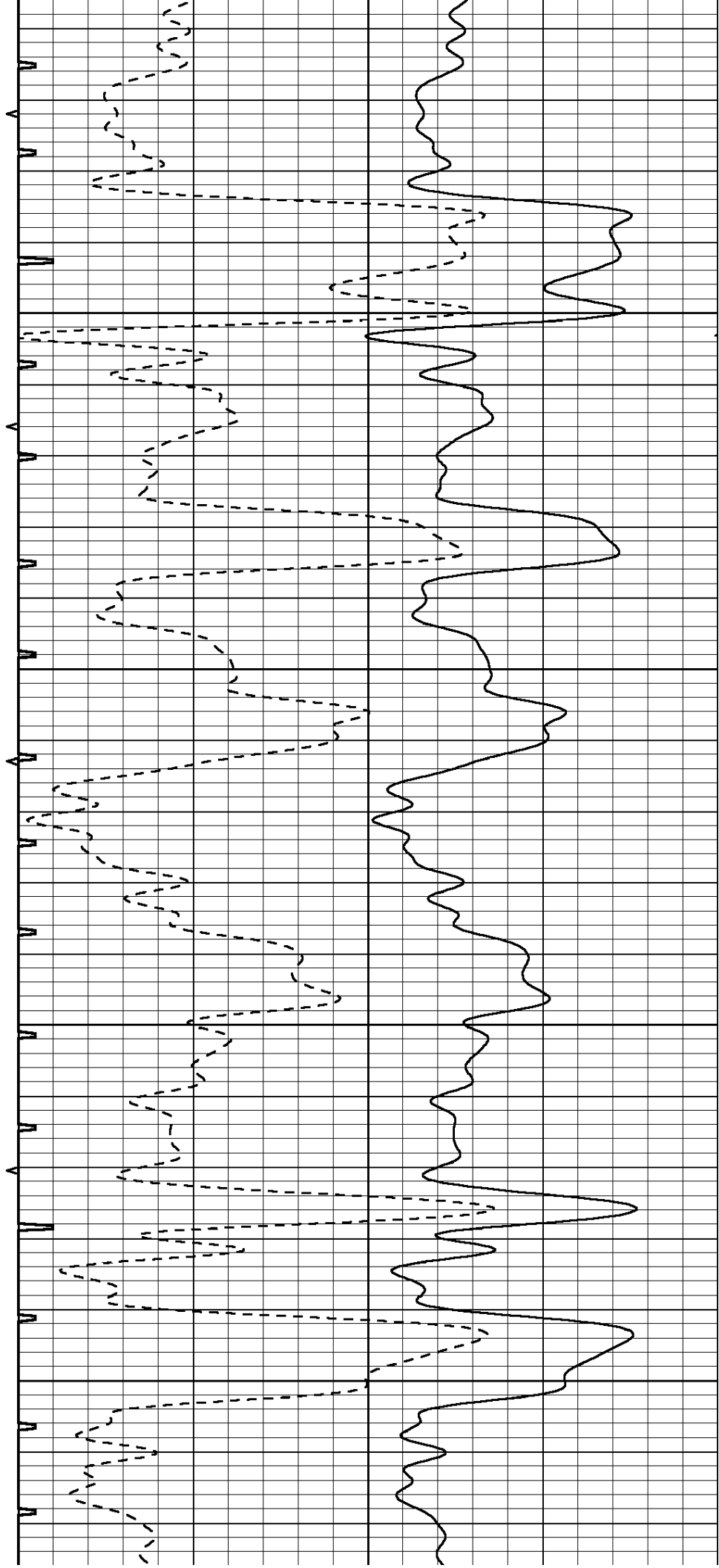


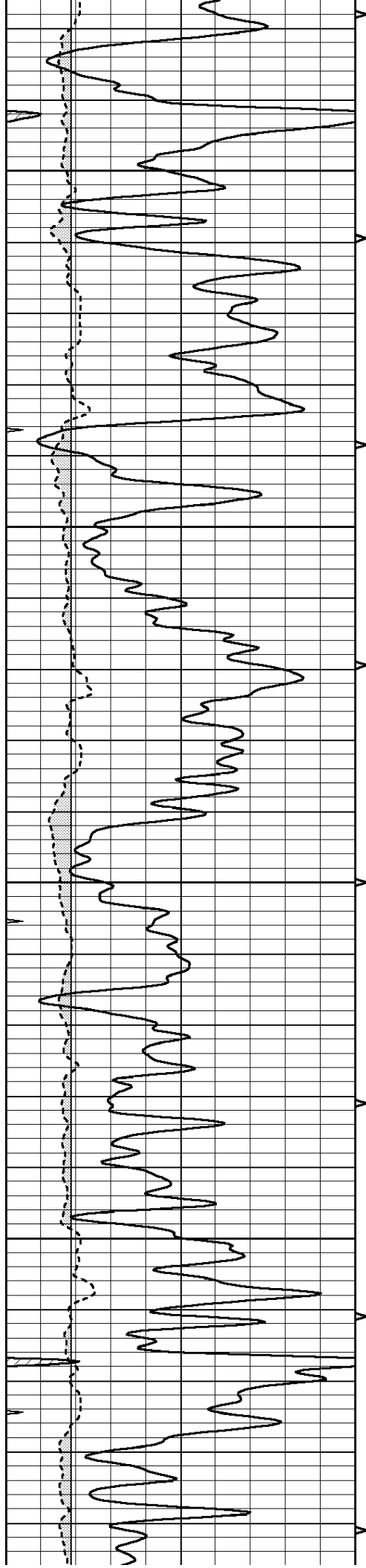
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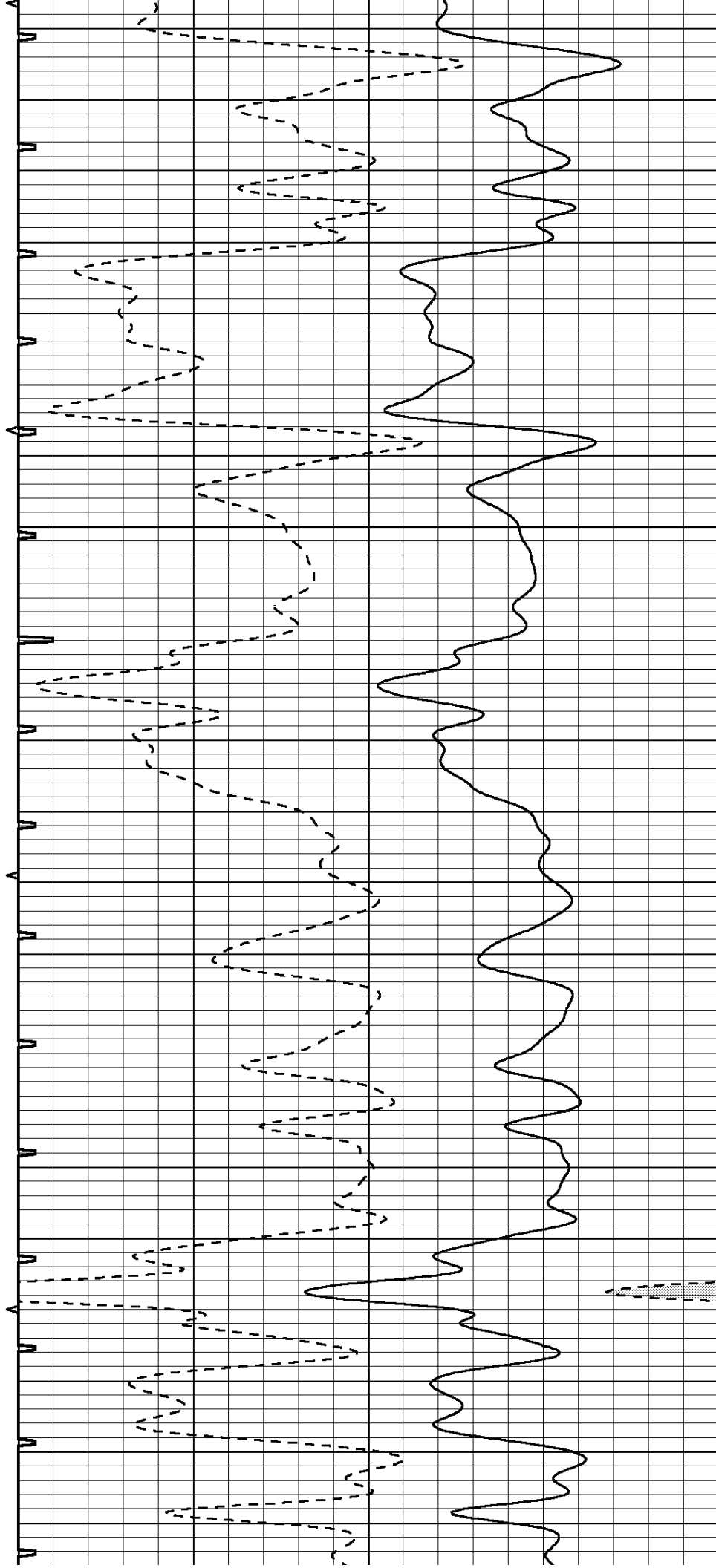


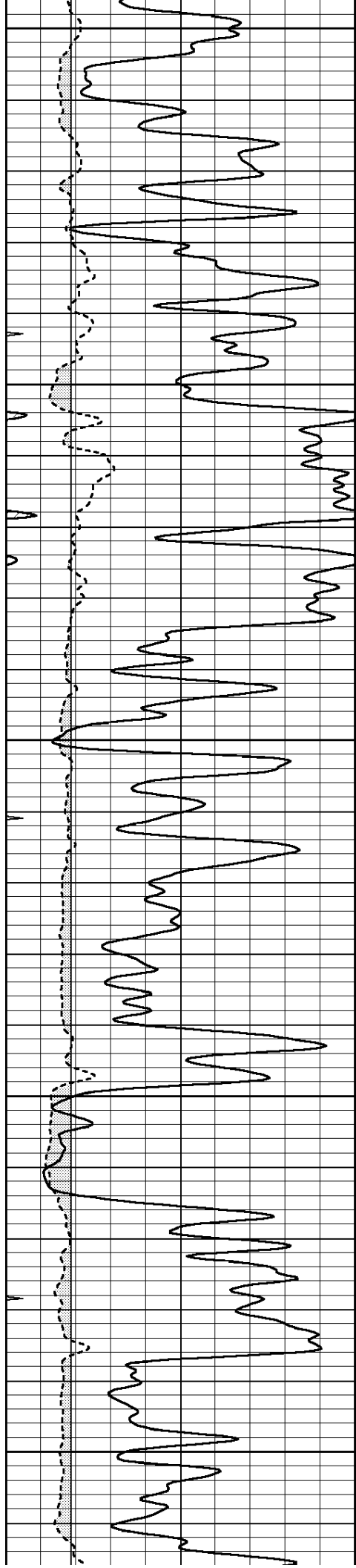
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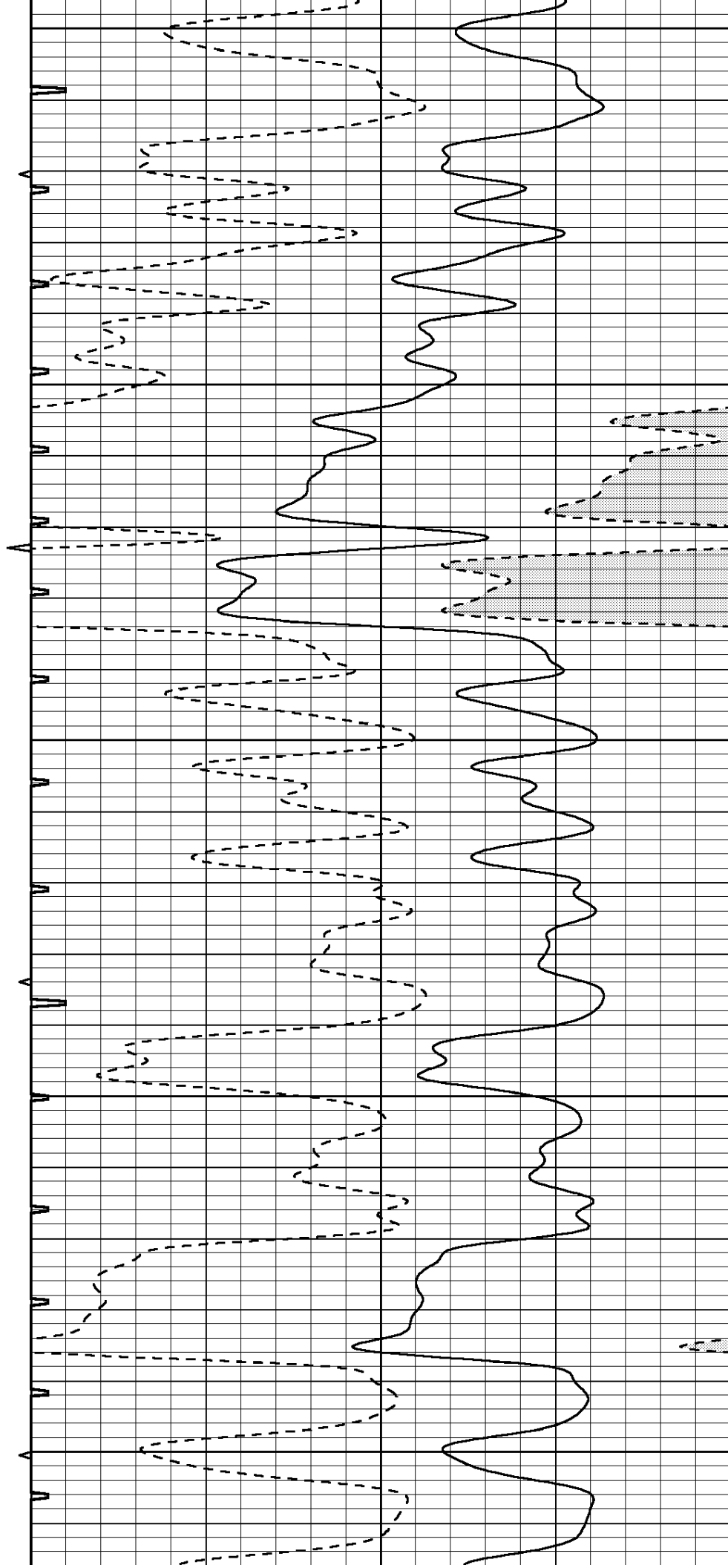
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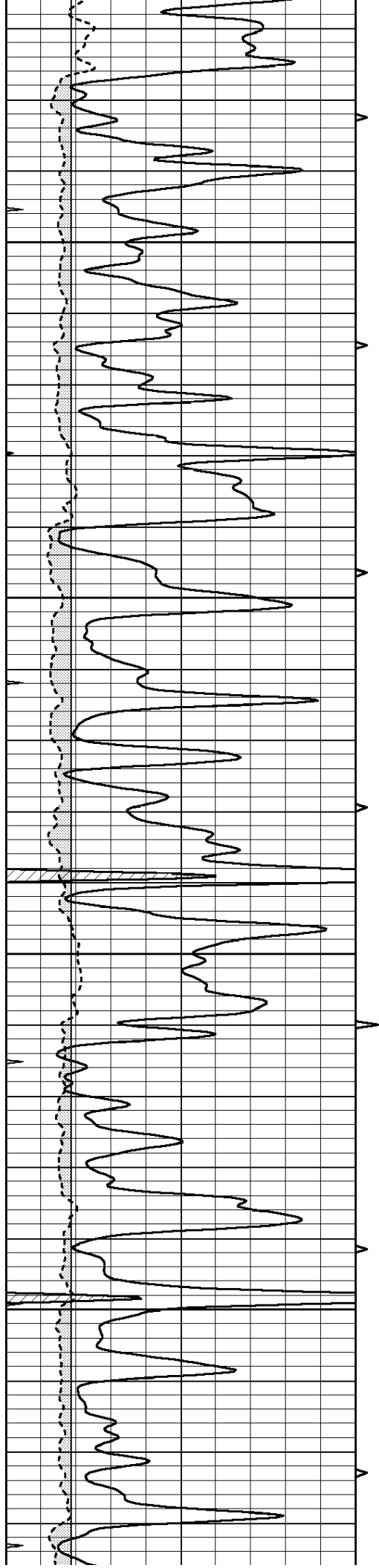
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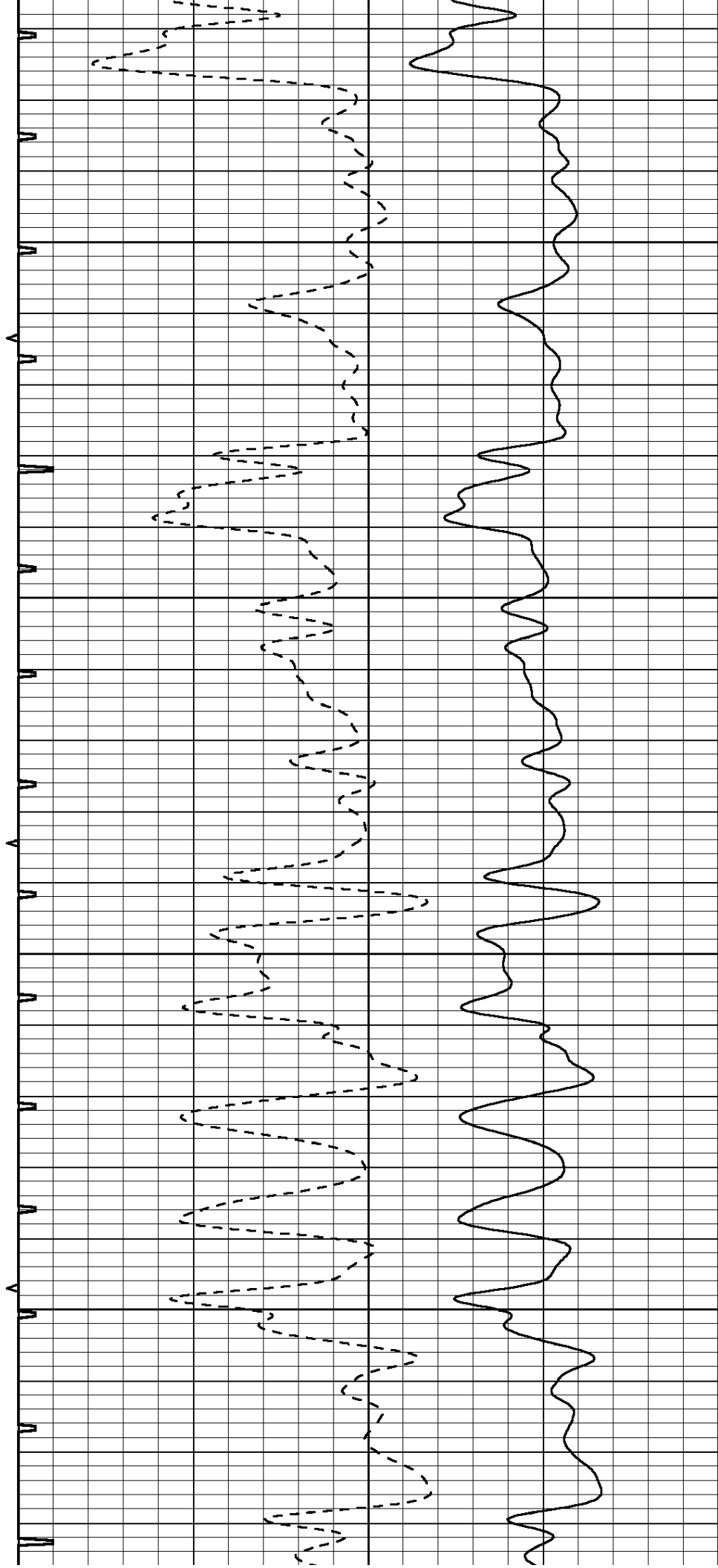


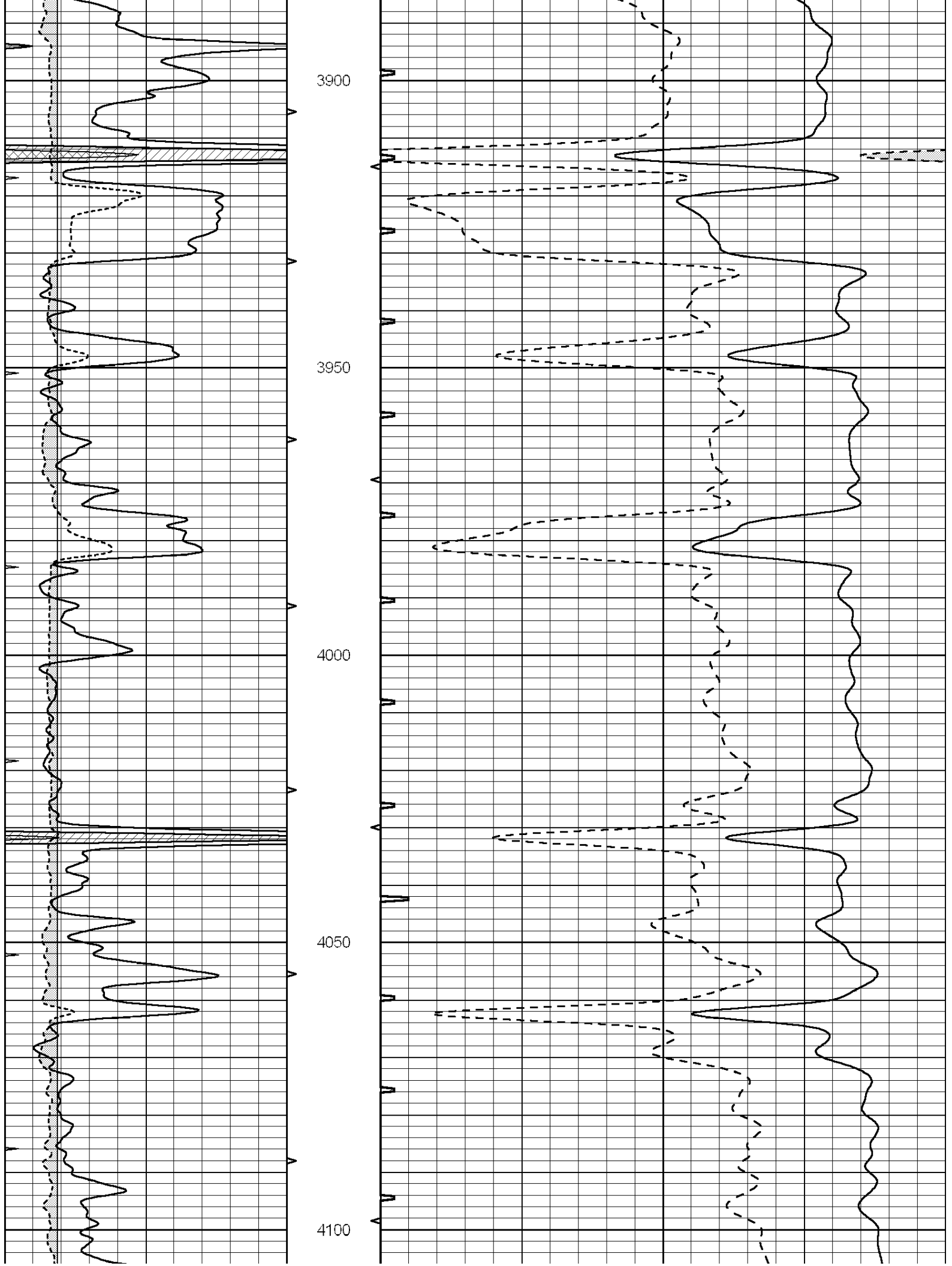
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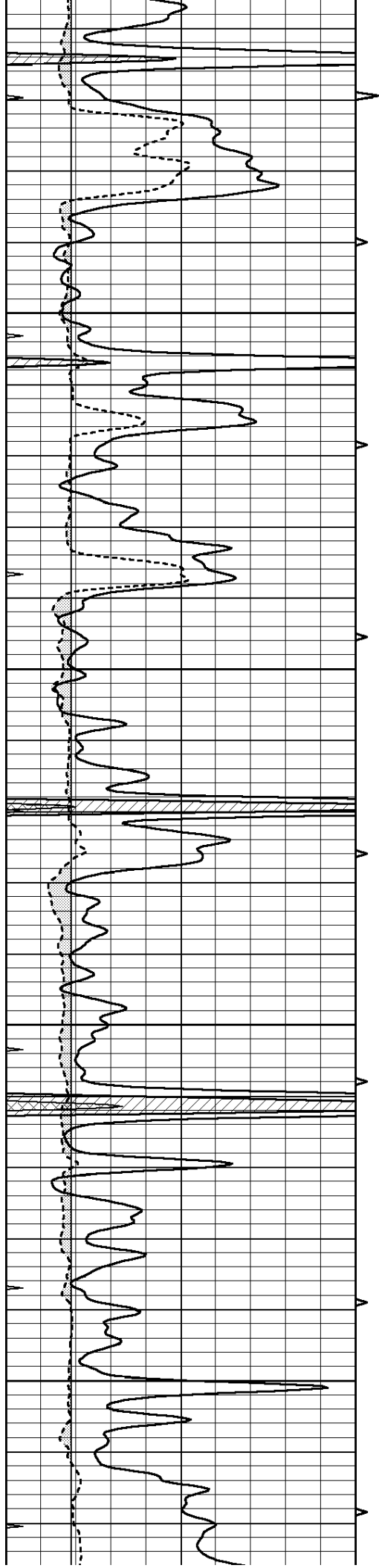
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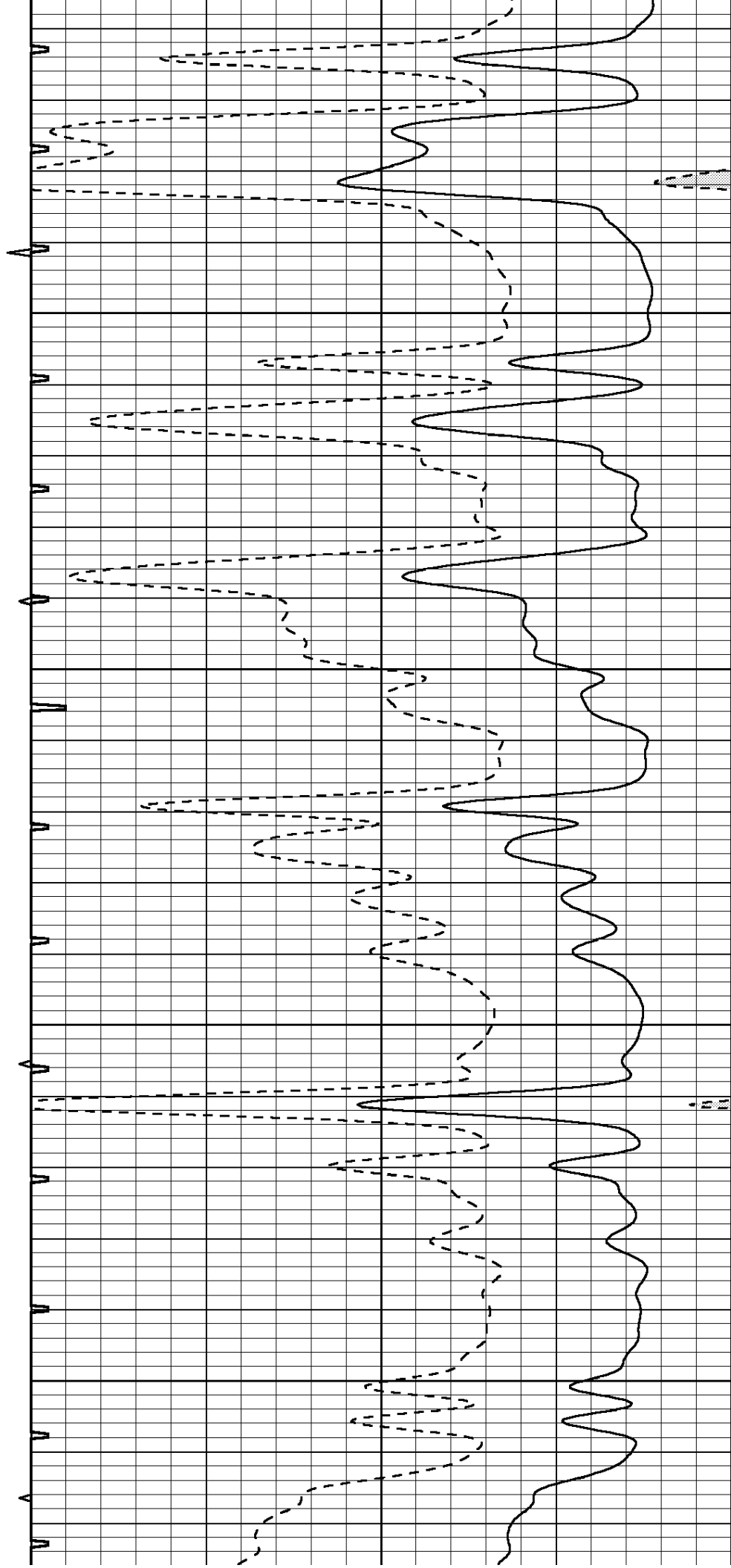


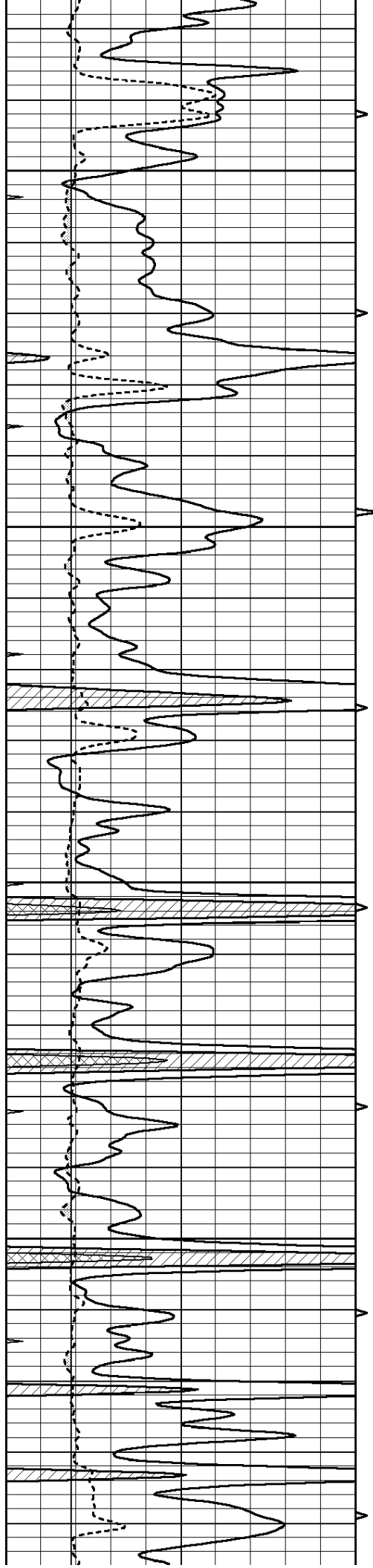
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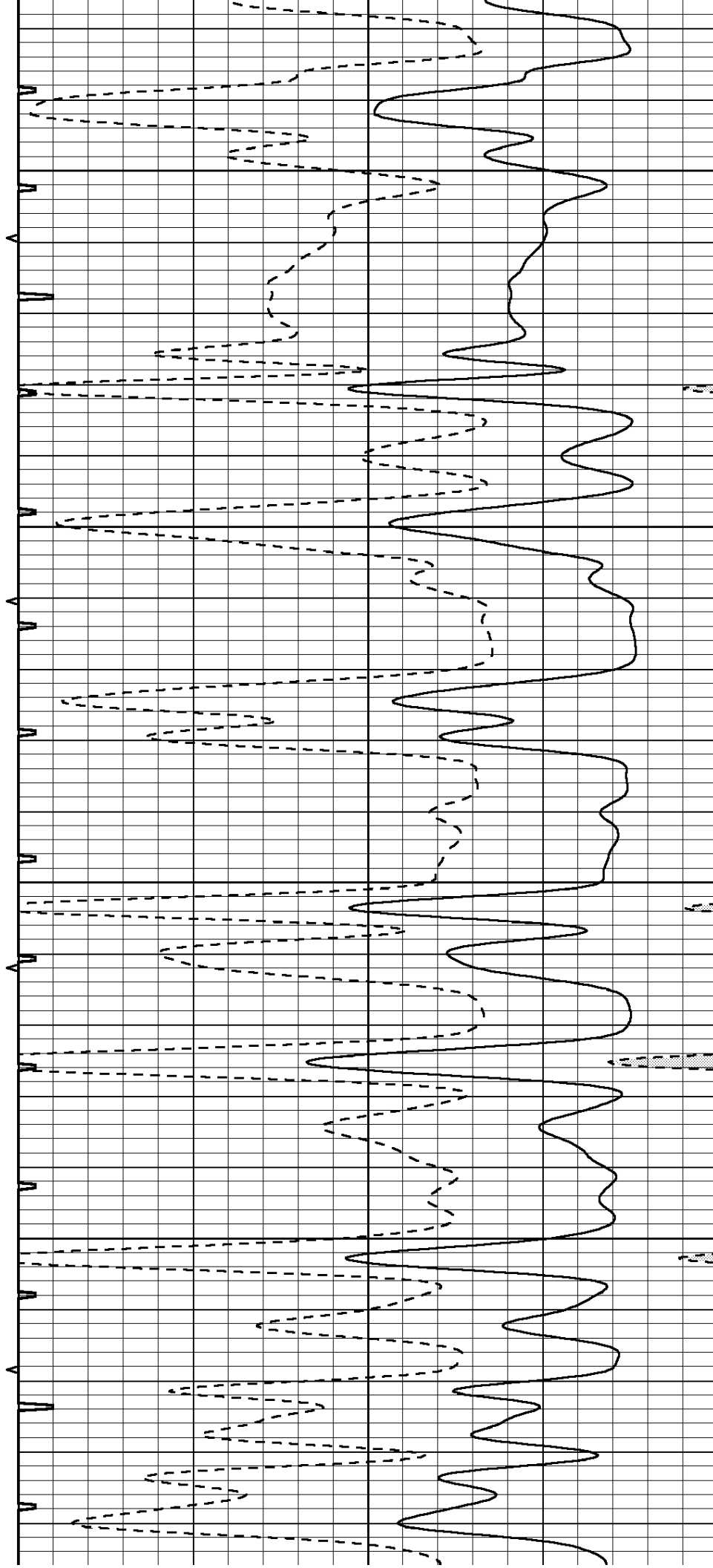


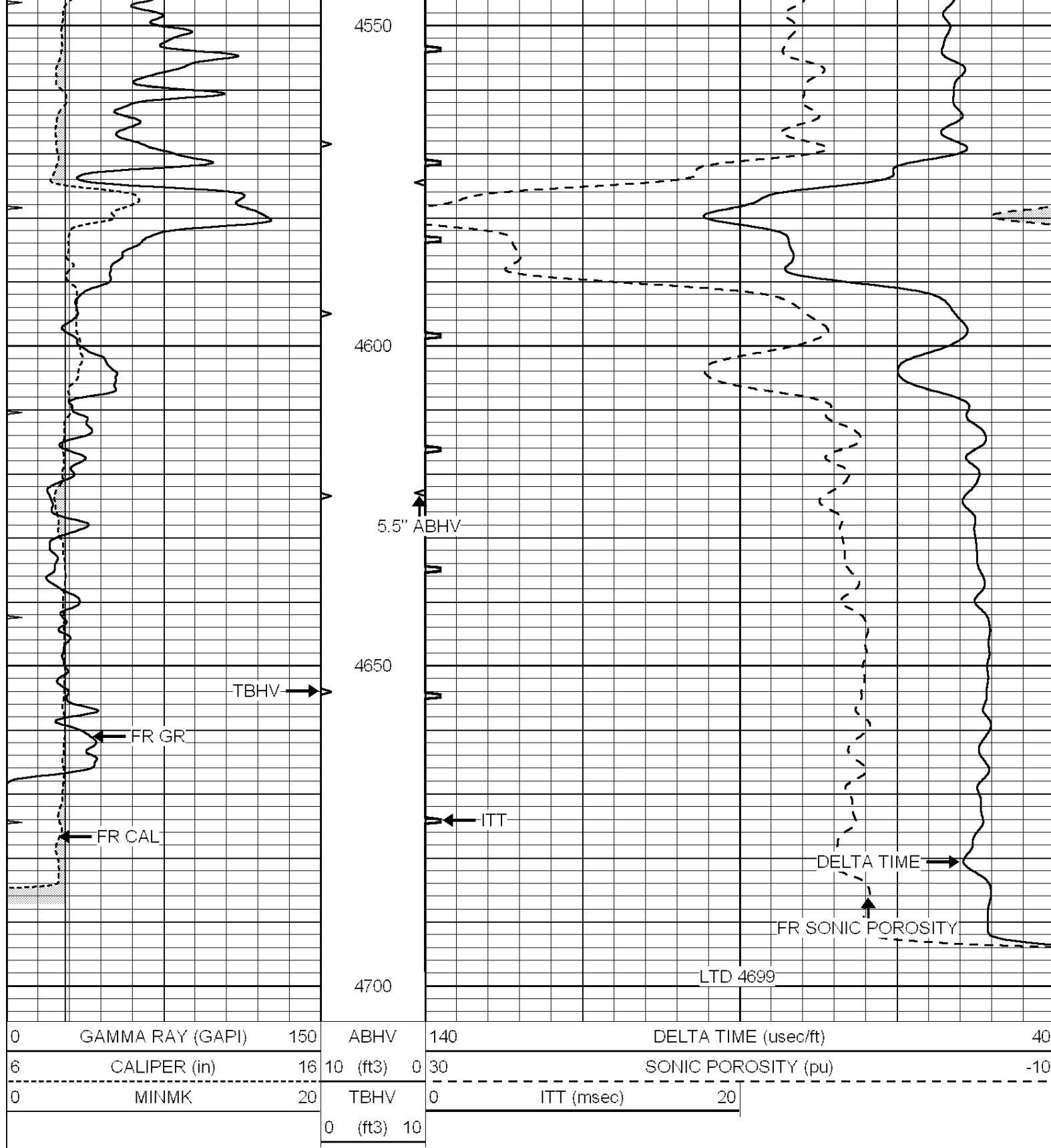
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4500





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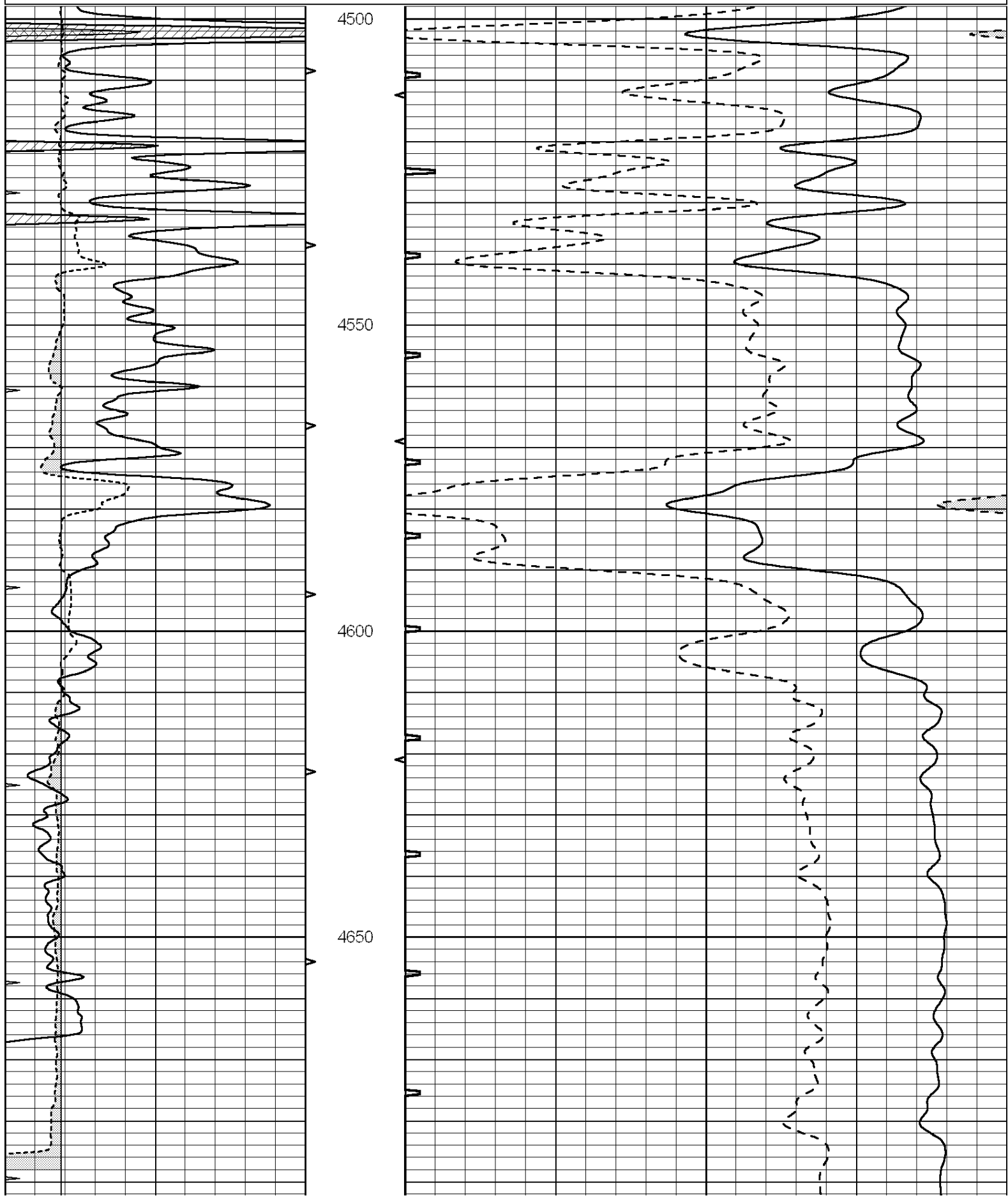
REPEAT SECTION

Database File: 011679pe.db
Dataset Pathname: pass5.2
Presentation Format: slt
Dataset Creation: Tue Oct 01 12:44:49 2013

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			



			4700													
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												