



SUPERIOR  
Hays,  
Kansas

## SONIC LOG

Company		MULL DRILLING COMPANY, INC.	
Well		APC - MEDFORD STATE UNIT #1-9	
Field		WILDCAT	
County		CHEYENNE	State
State		COLORADO	
Location:		APL # : 05-017-07706	
Permanent Datum		GROUND LEVEL	Elevation
Log Measured From		KELLY BUSHING 11' A.G.L.	4202
Drilling Measured From		KELLY BUSHING	Elevation
SEC 9		TWP 16S	RGE 46W
398' FSL & 1083' FEL		CDL/CNL/PE DIL/MEL	
Date	11/7/11		
Run Number	TWO		
Depth Driller	5500		
Depth Logger	5500		
Bottom Logged Interval	5487		
Top Log Interval	500		
Casing Driller	8 5/8"@526'		
Casing Logger	526		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.3/55		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.900@80F		
Rmf @ Meas. Temp	.675@80F		
Rmc @ Meas. Temp	1.08@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.554@130F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	9:45 P.M.		
Maximum Recorded Temperature	130F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	MACKLIN ARMSTRONG		

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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

CHEYENNE WELLS, CO. (JUNCTION OF OLD 40 & HWY 385) 9S. ON HWY 385 TO "RD. G", 12W. TO "RD. 34", 2 1/2S., TO "RD. D", 1W., 1N., 1/4 W. INTO

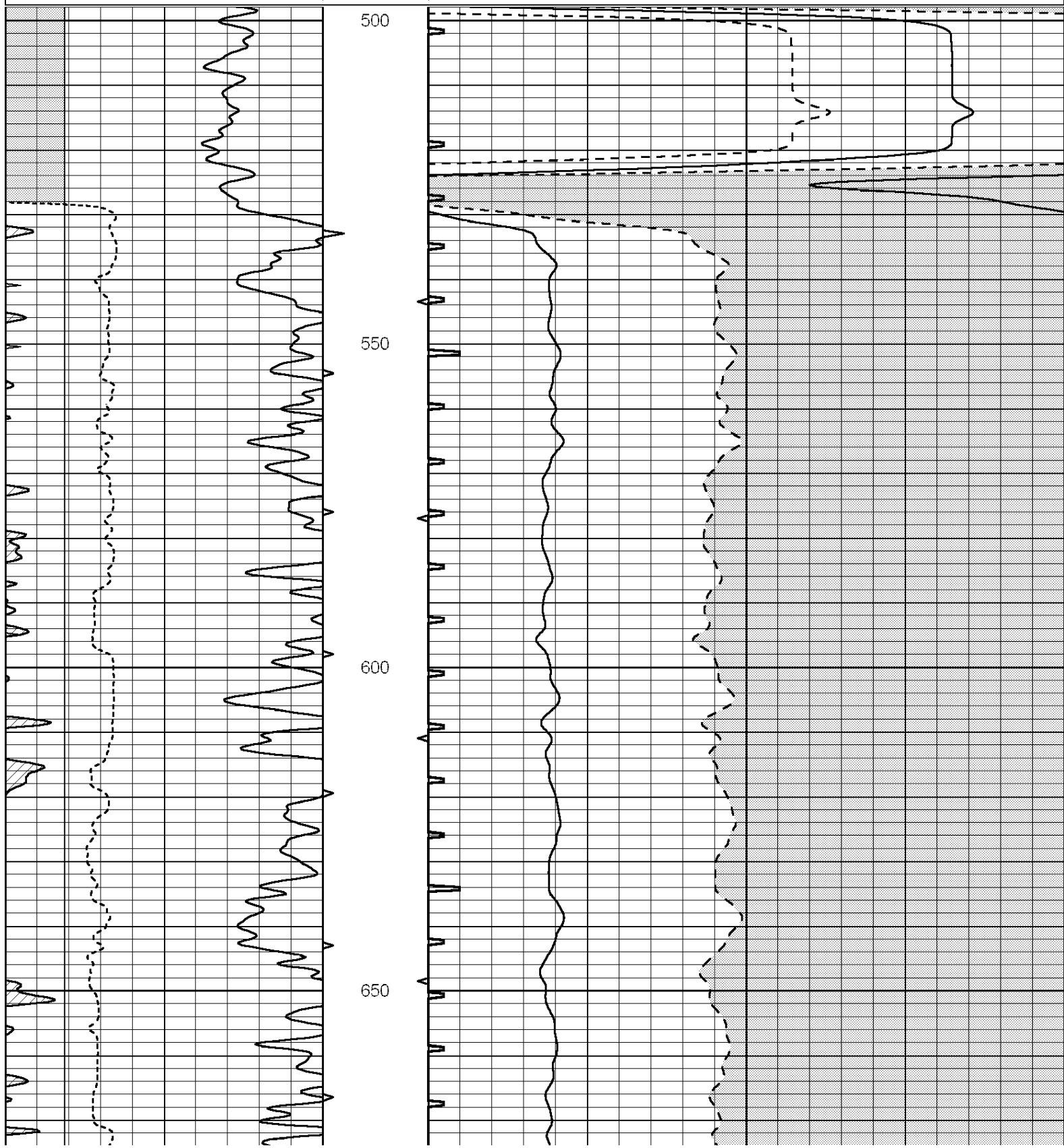


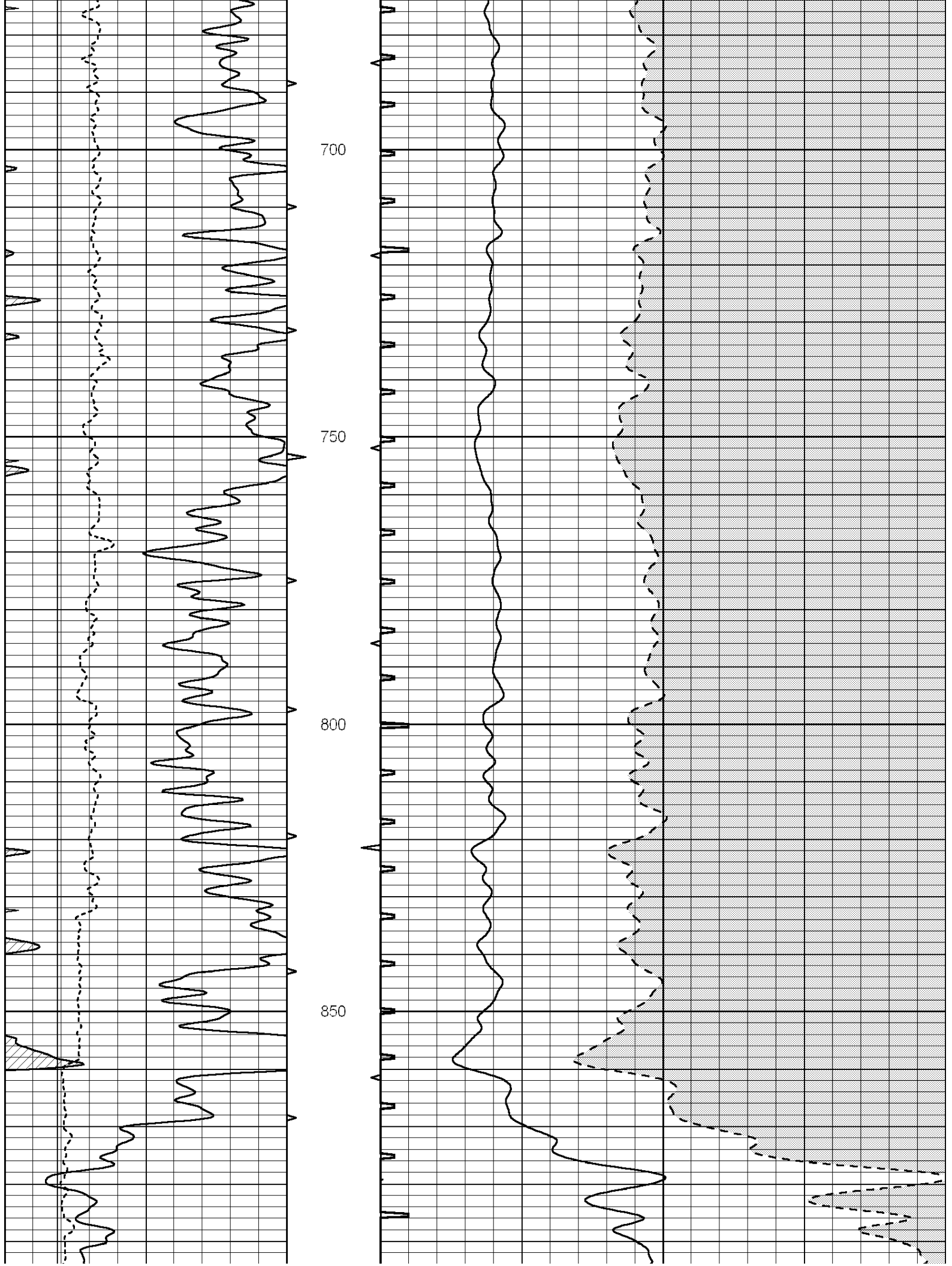
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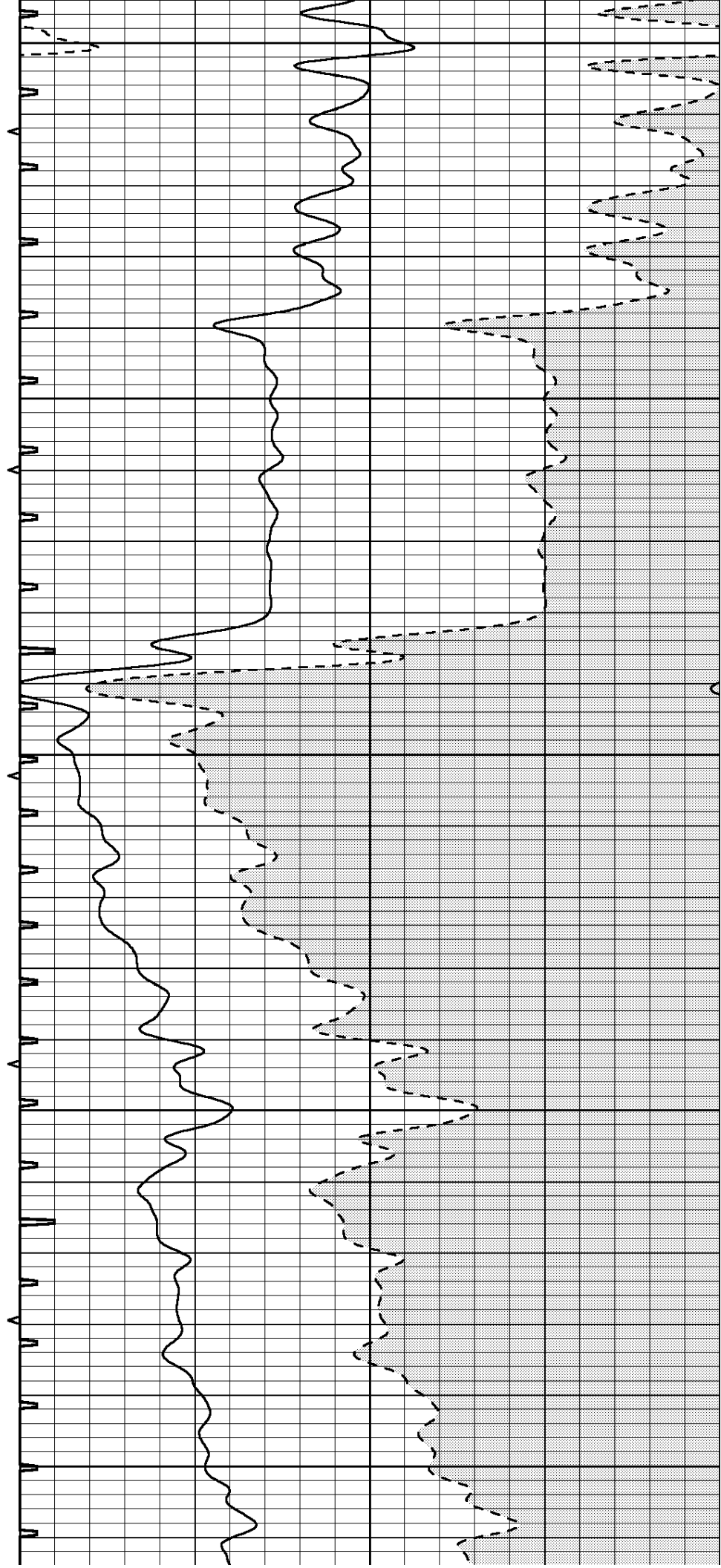
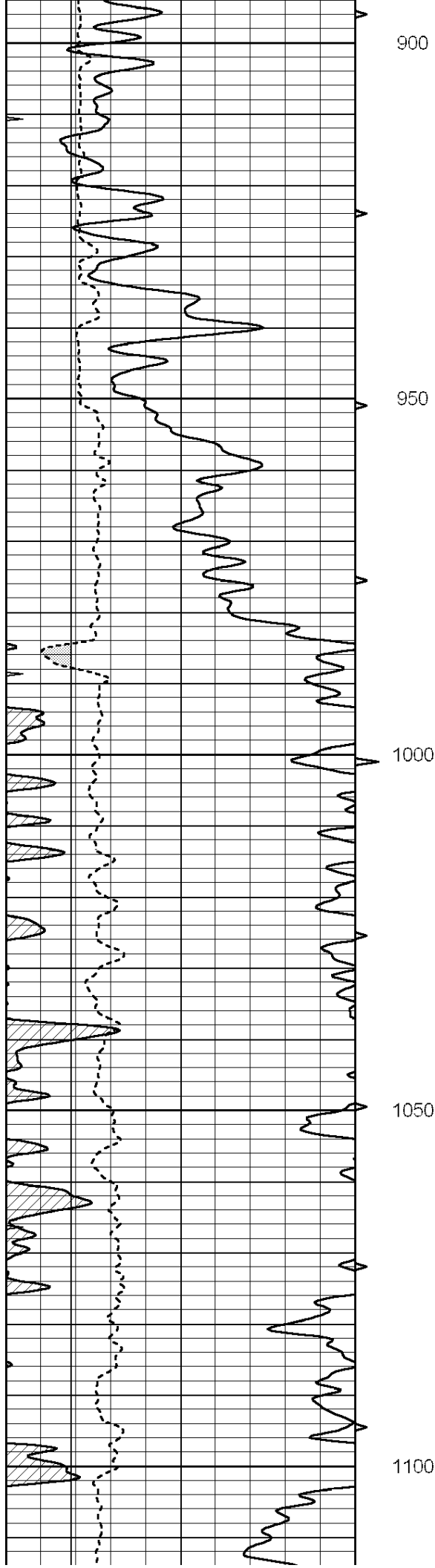
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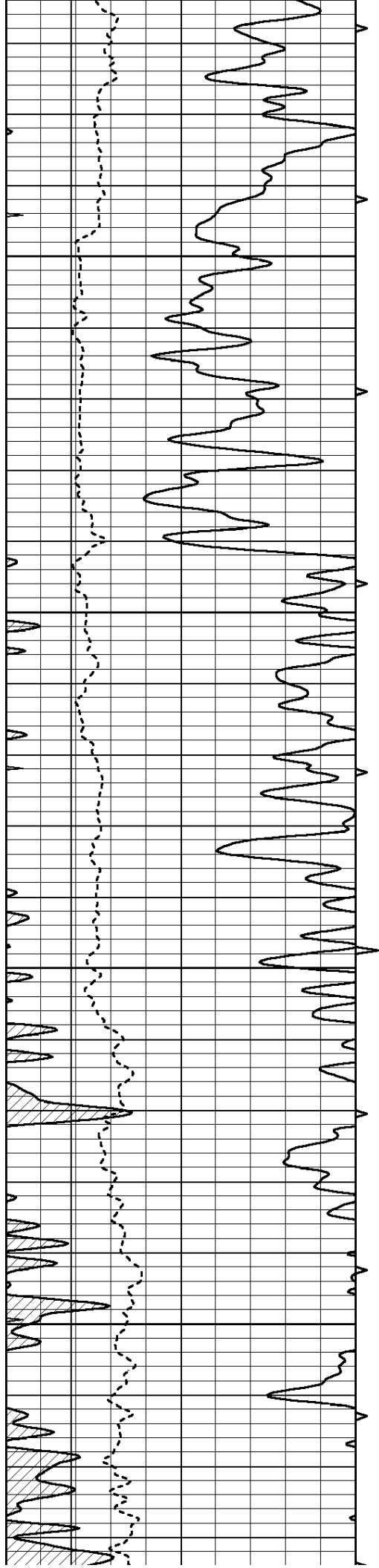
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Dataset Pathname: pass7.4  
Presentation Format: slt  
Dataset Creation: Tue Nov 08 03:15:01 2011  
Charted by: Depth in Feet scaled 1:240

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				







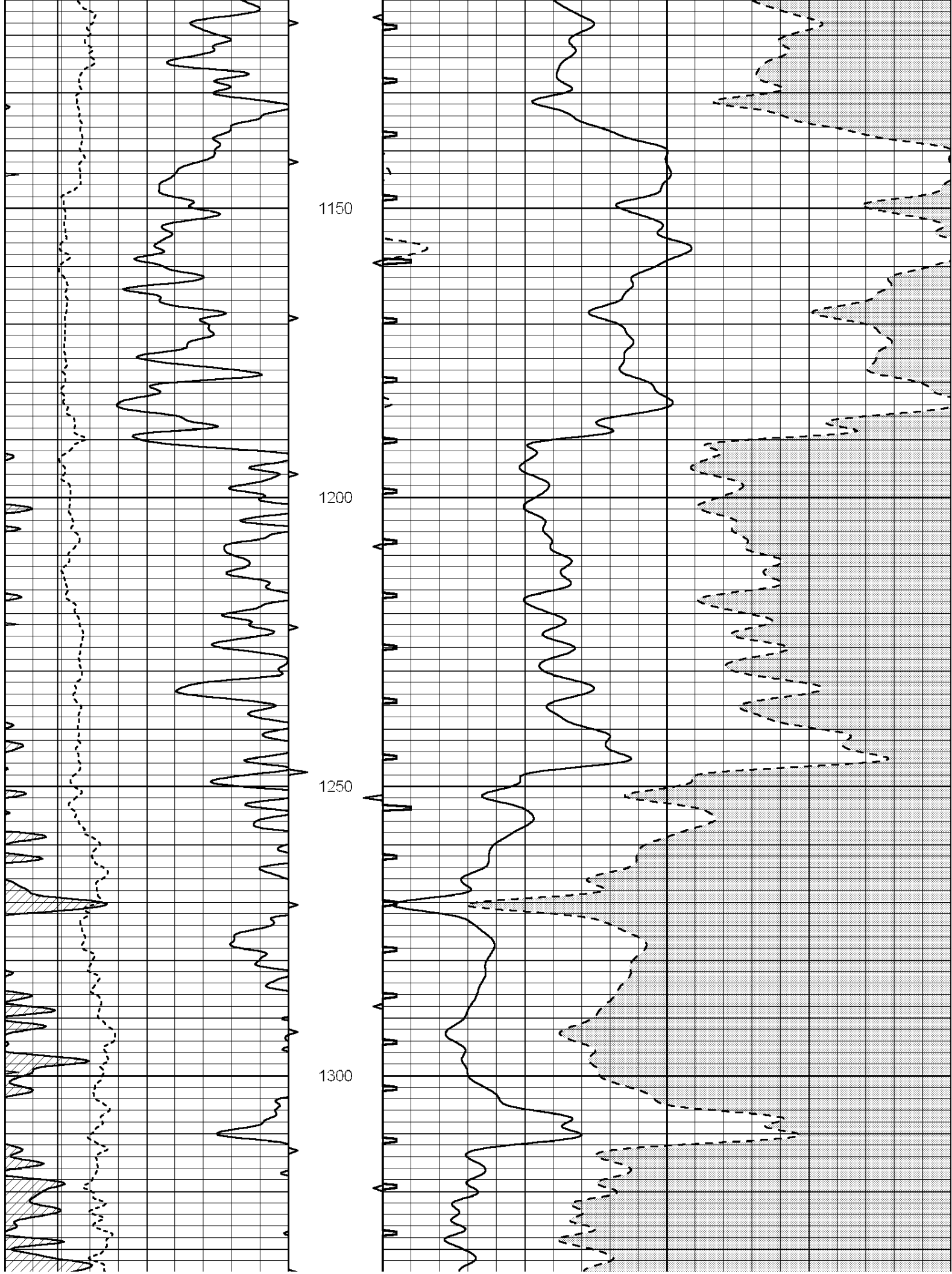
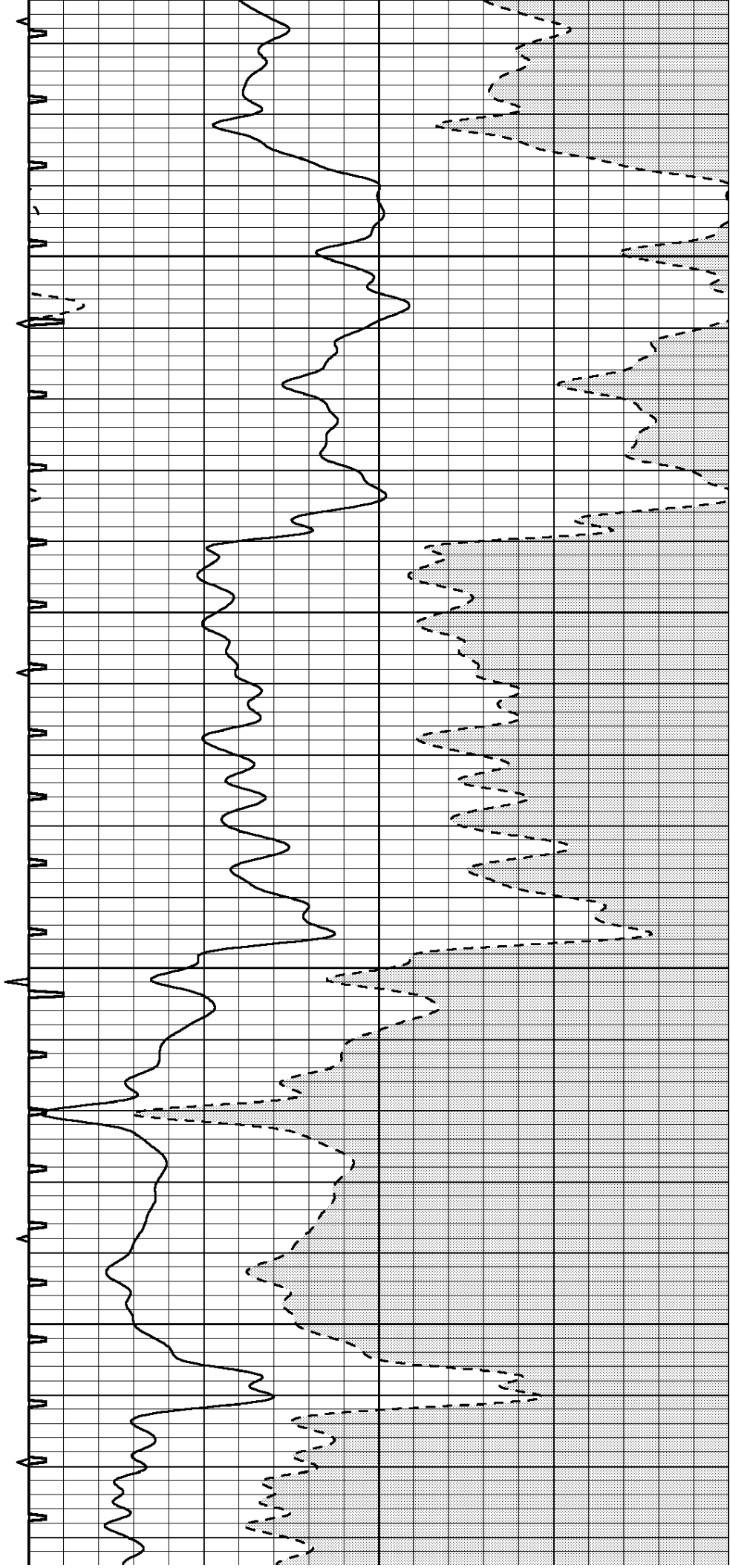


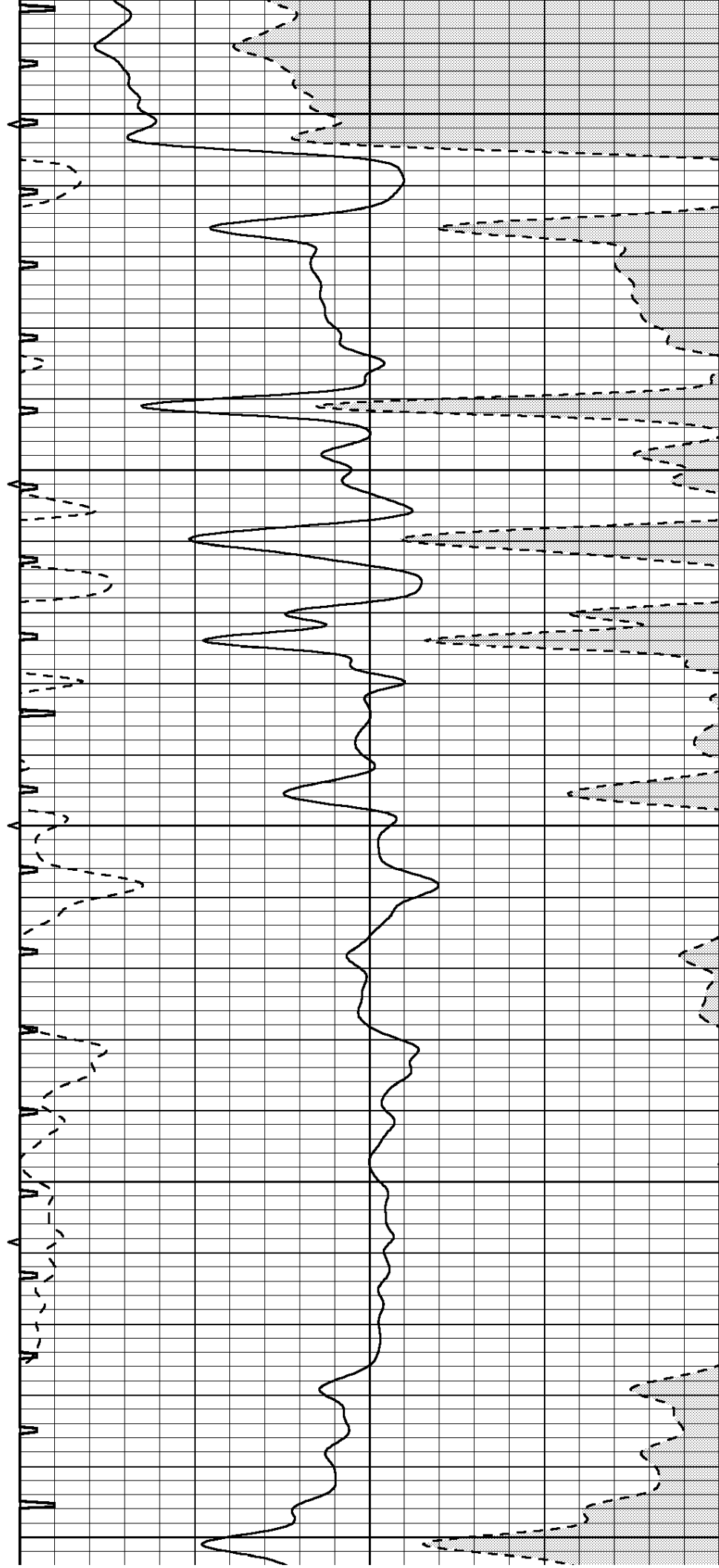
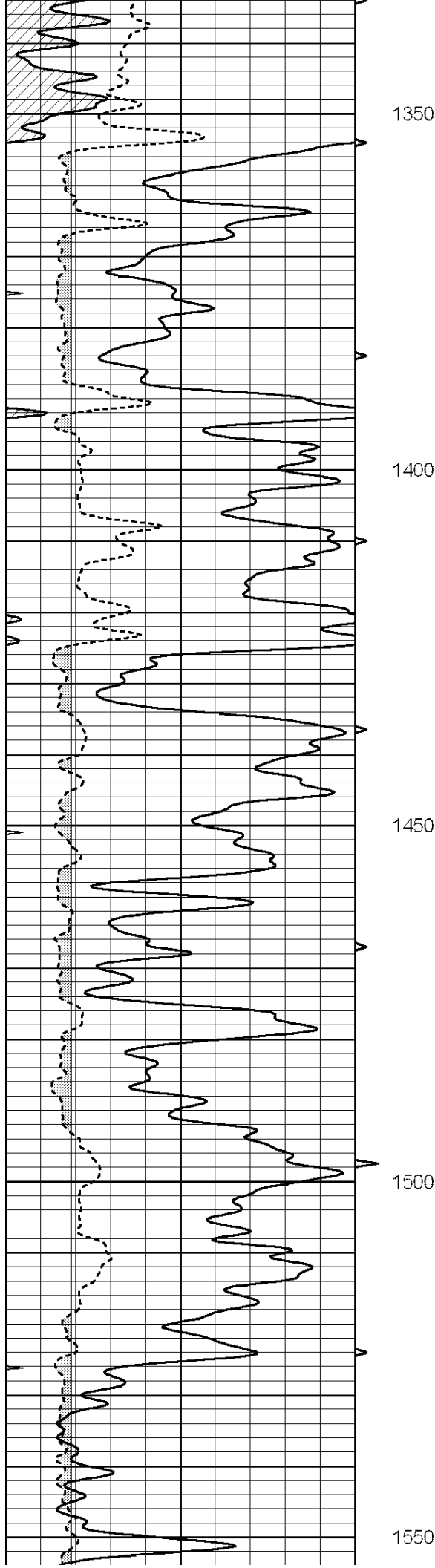
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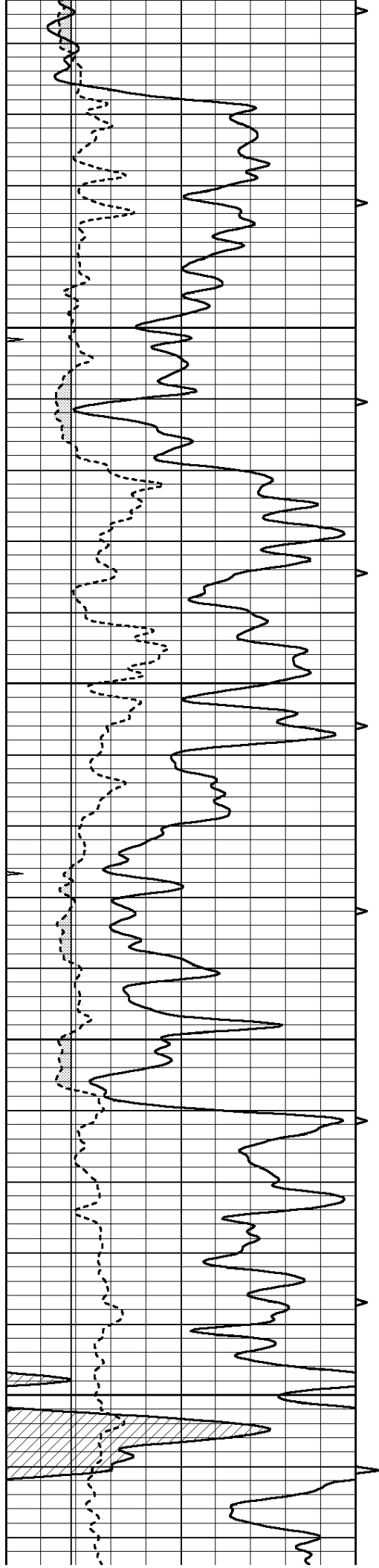
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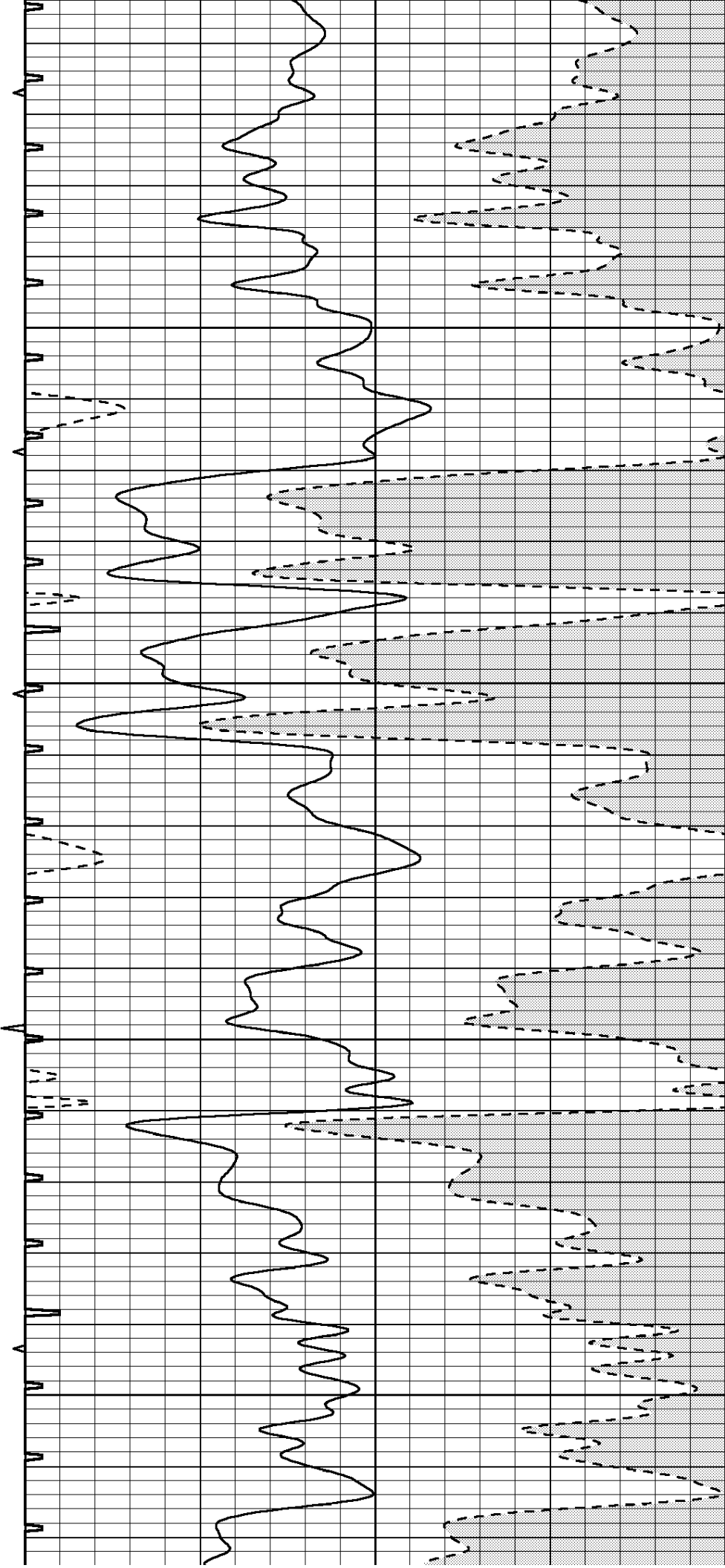


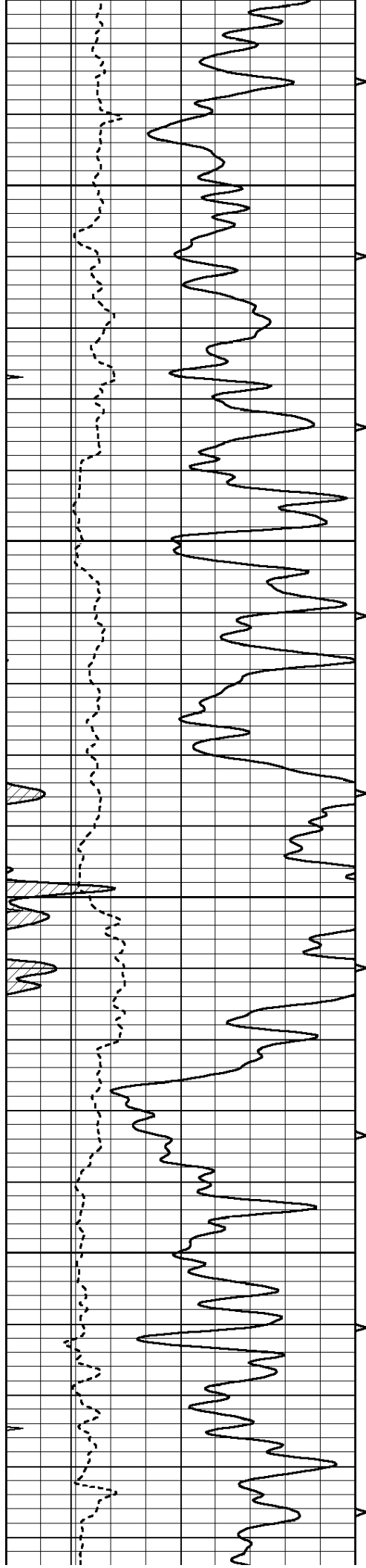
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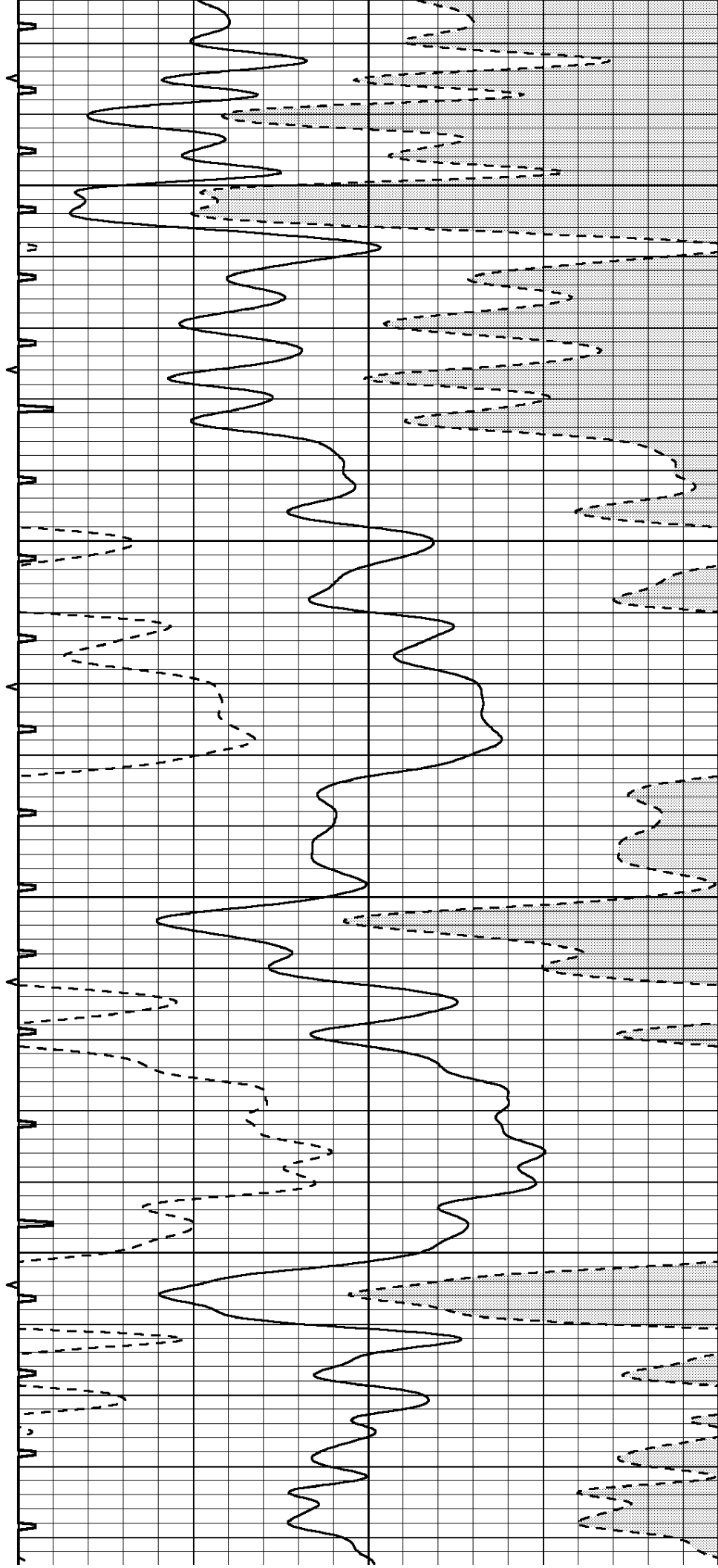


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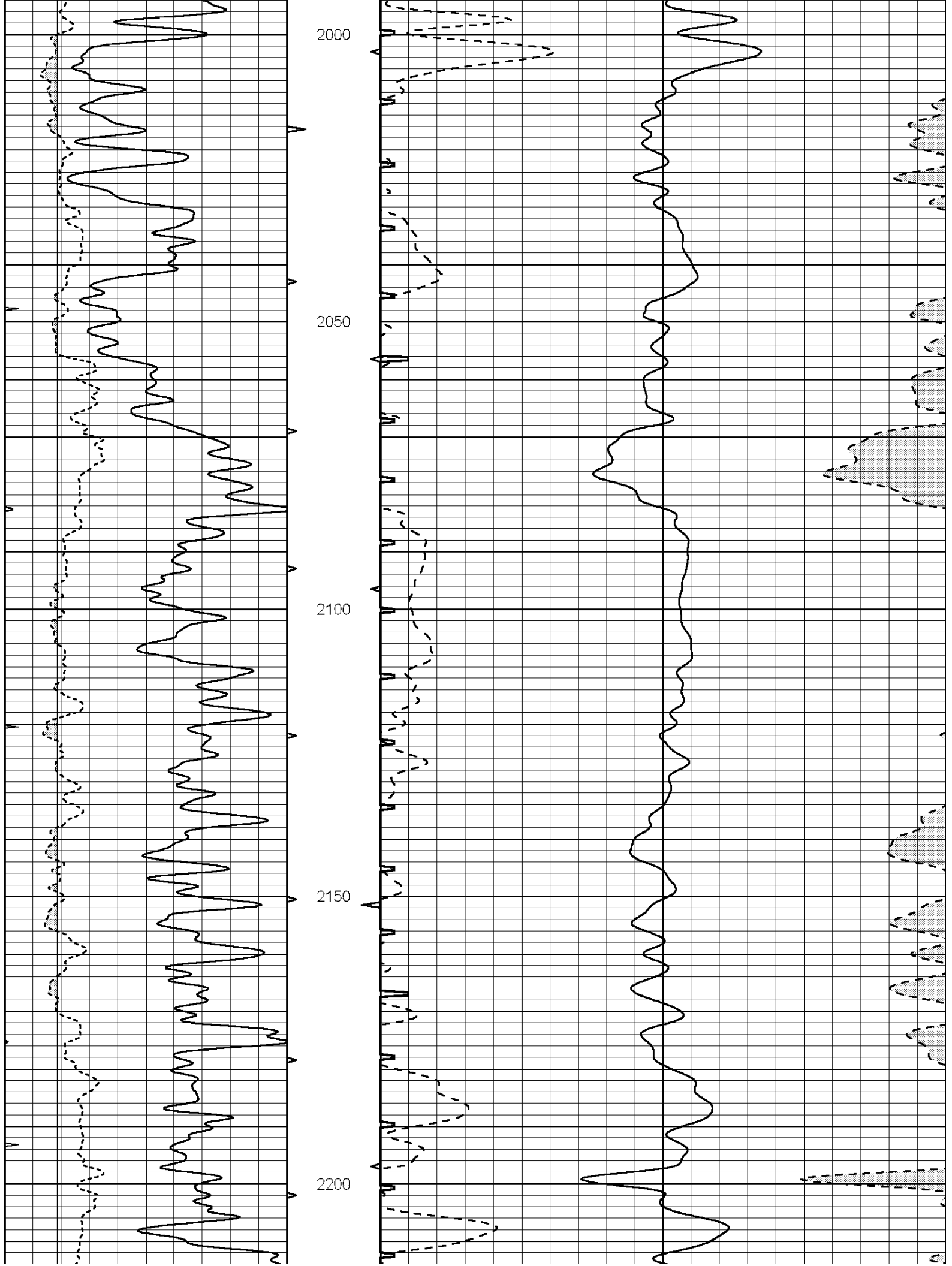
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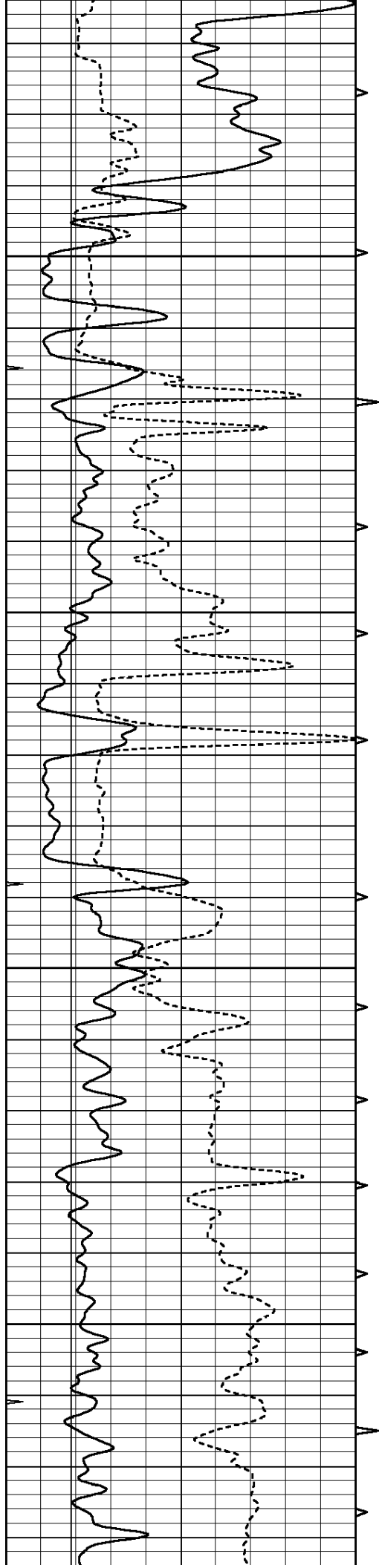
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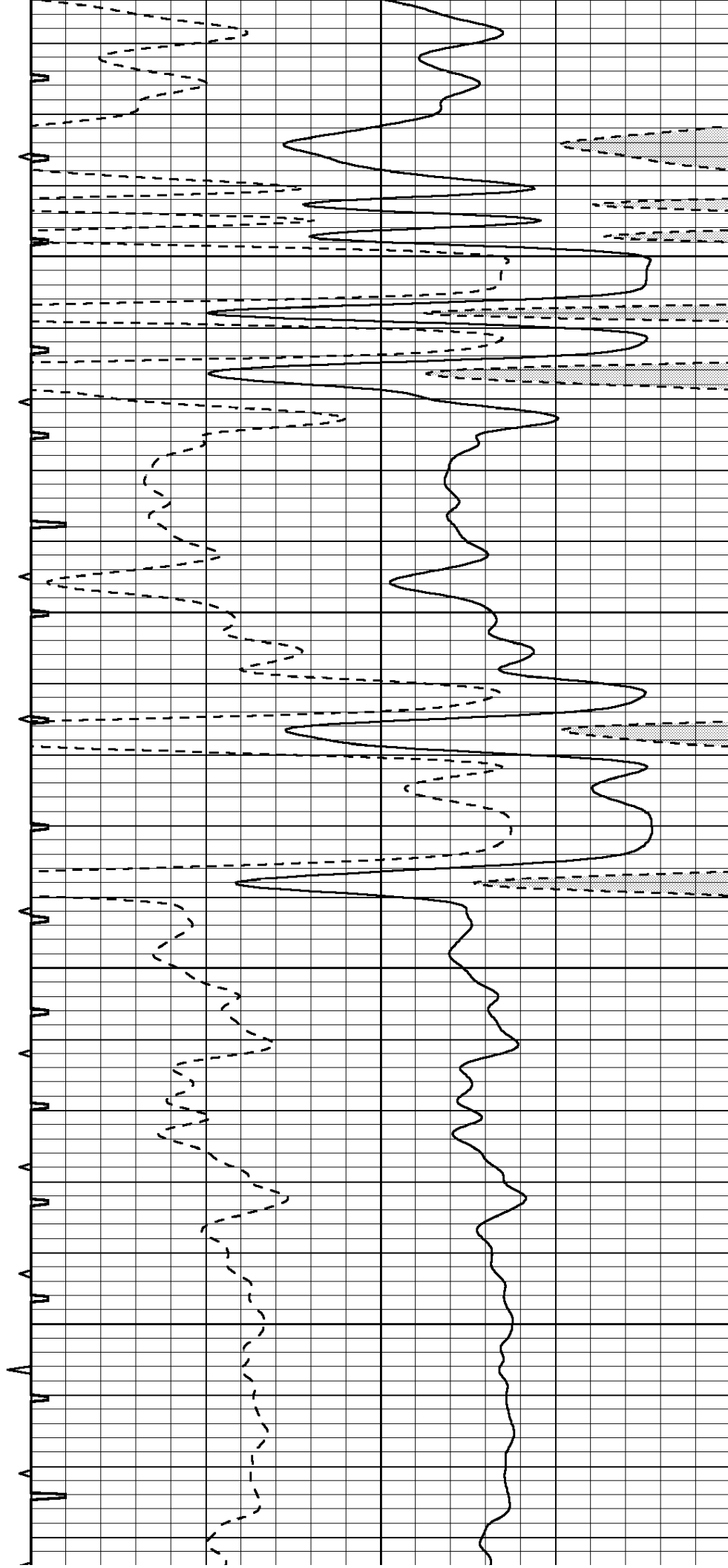


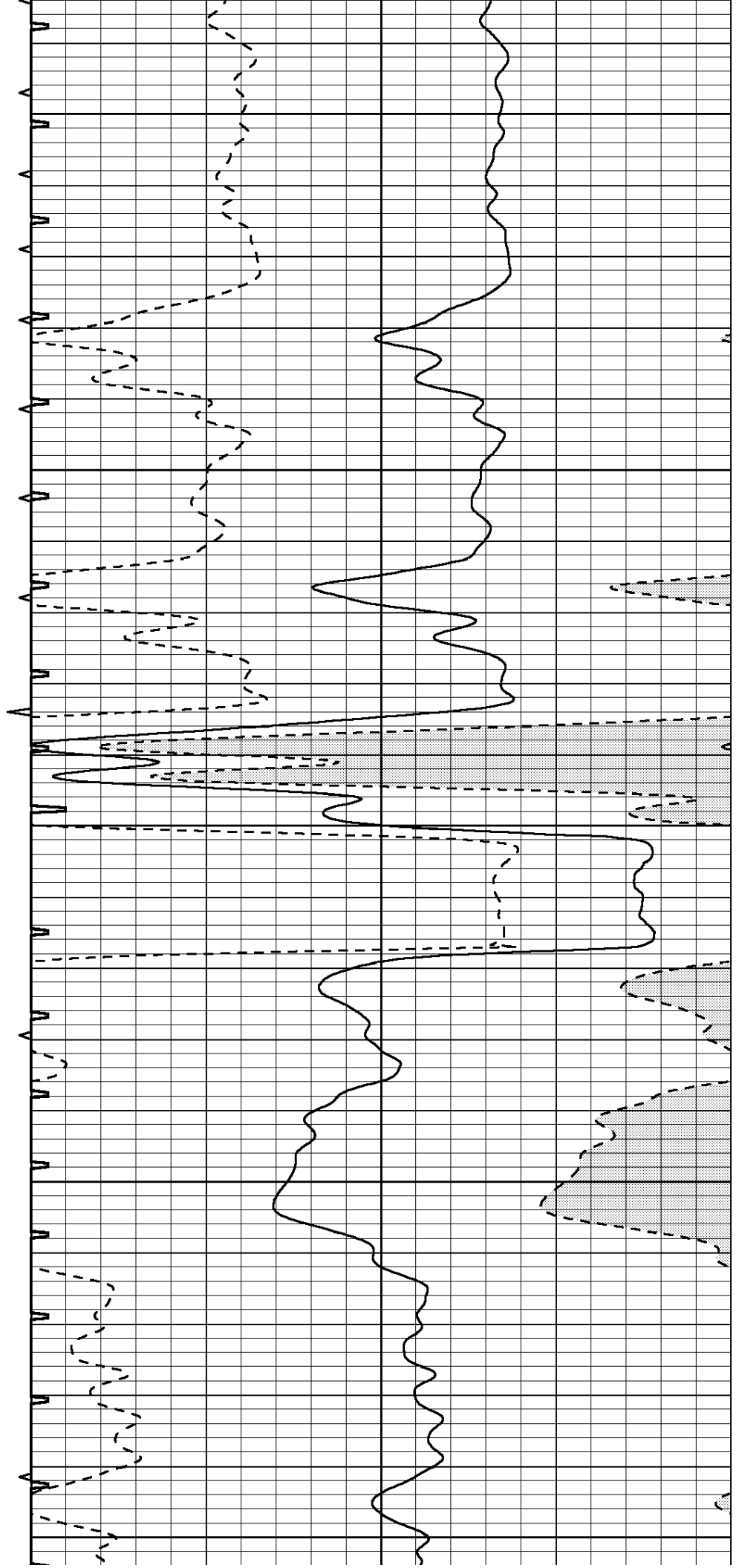
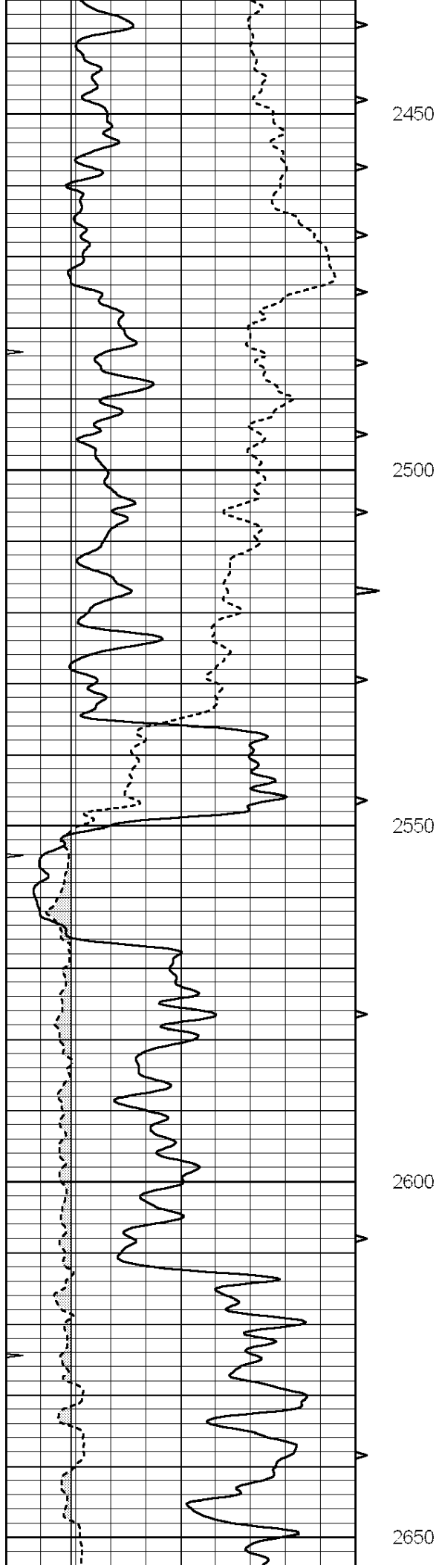
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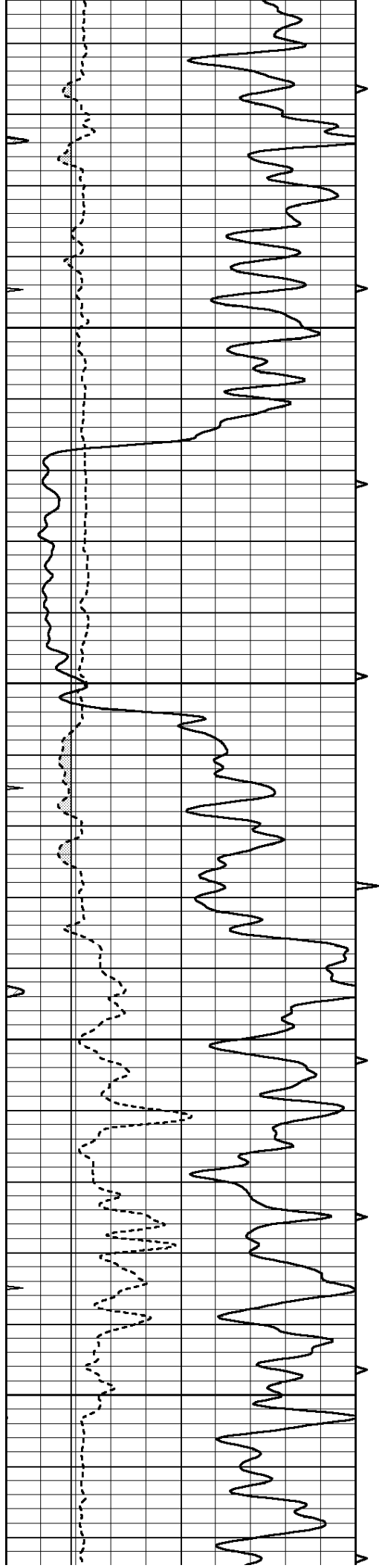
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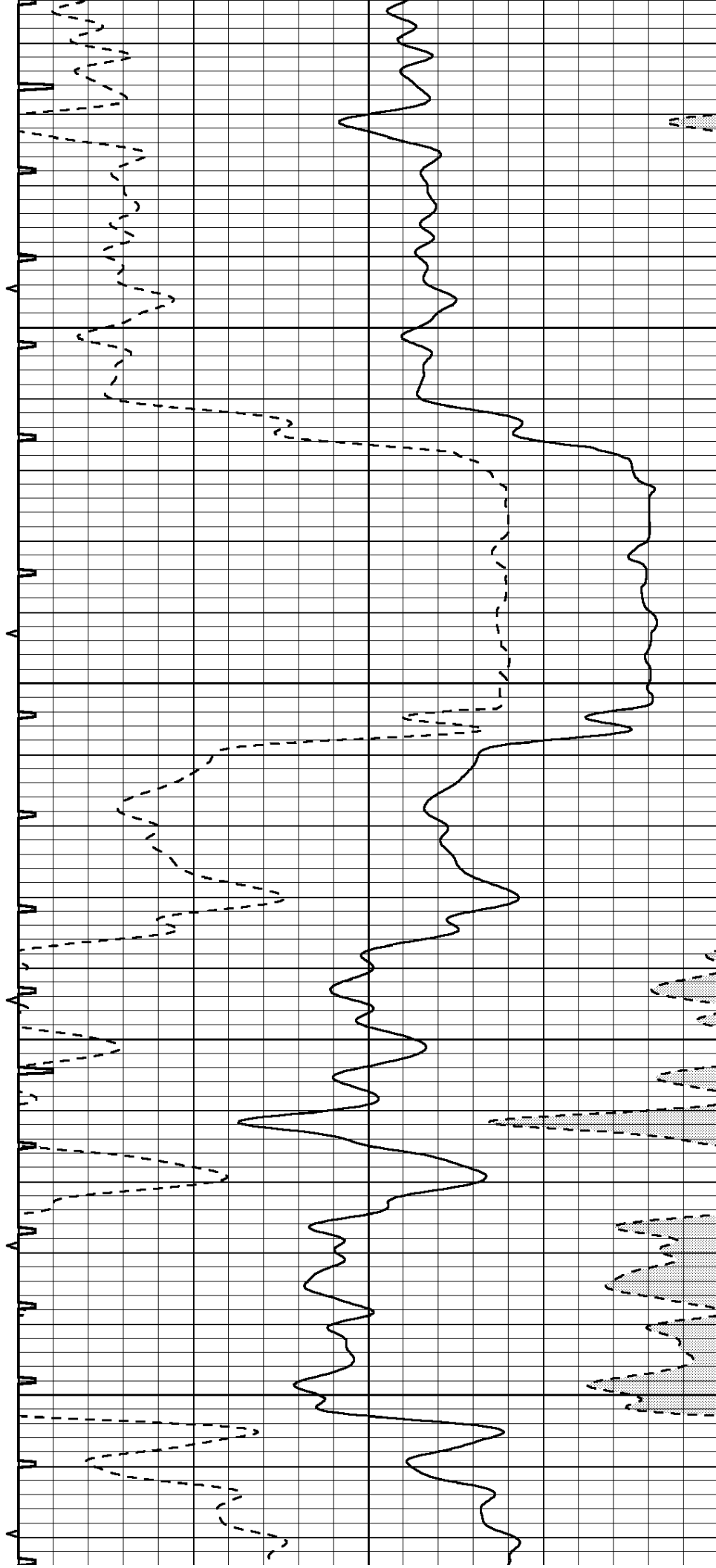


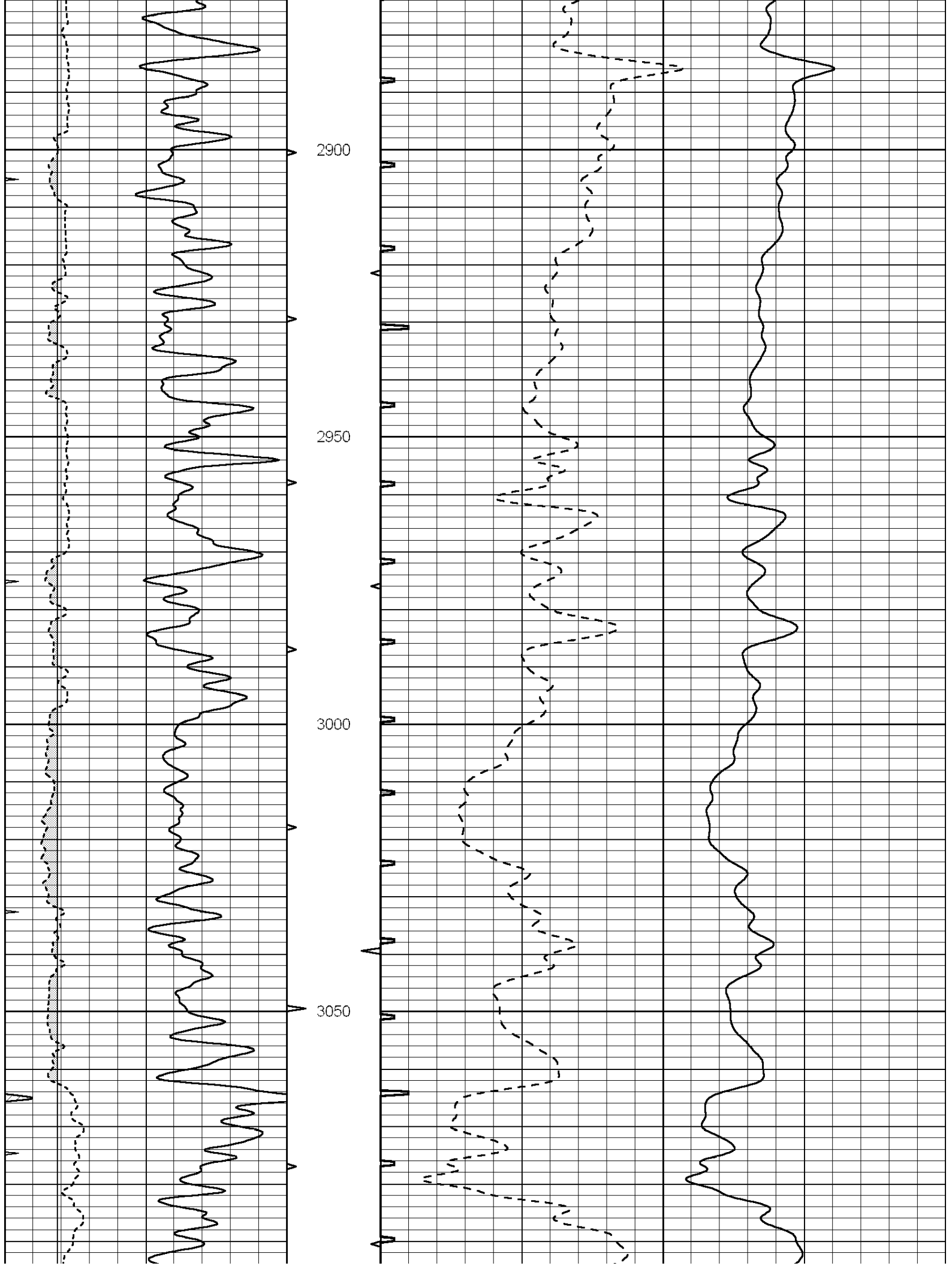
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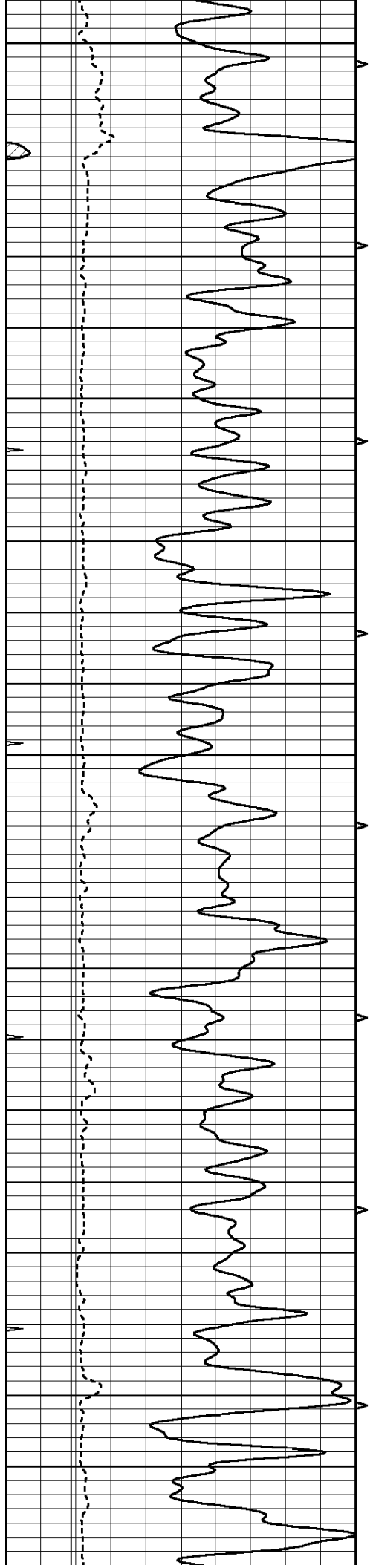
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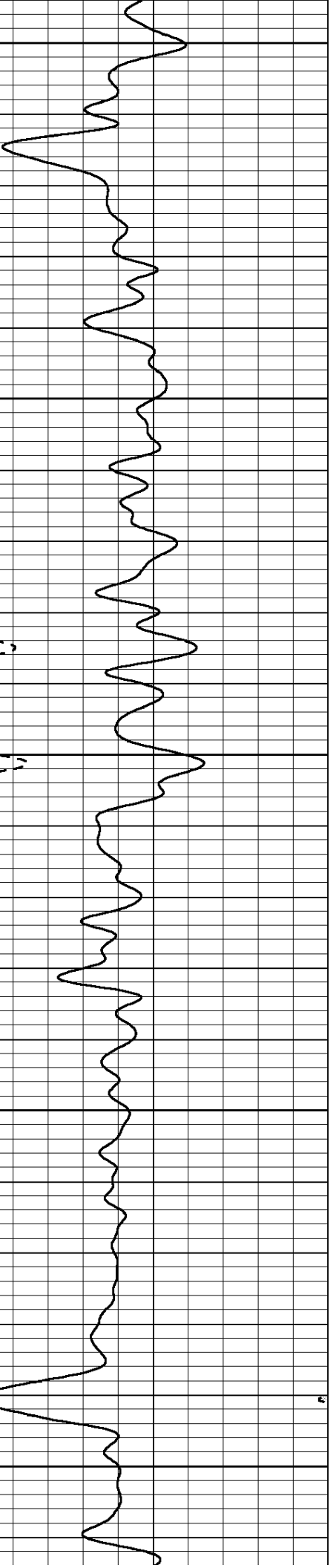
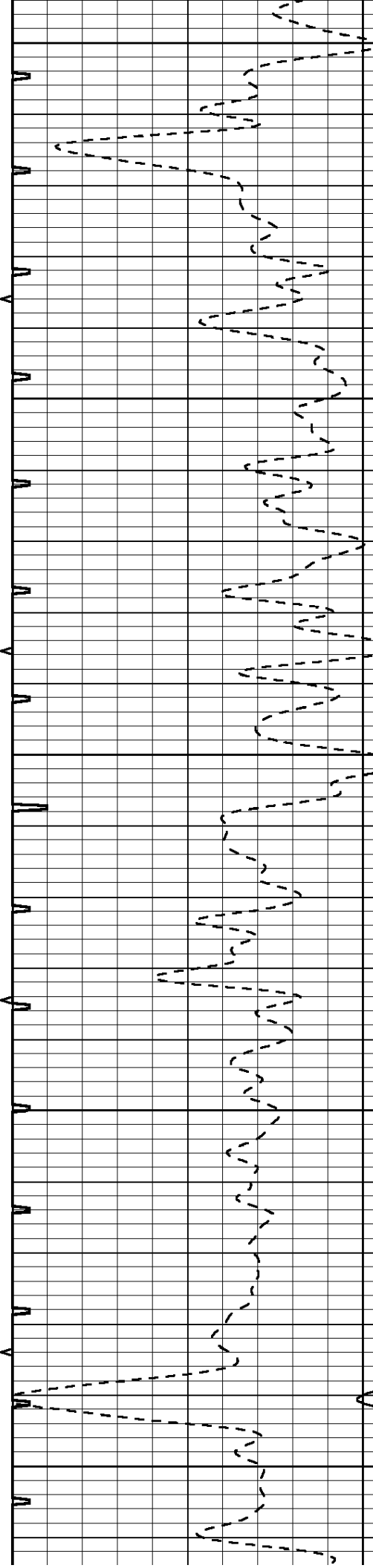
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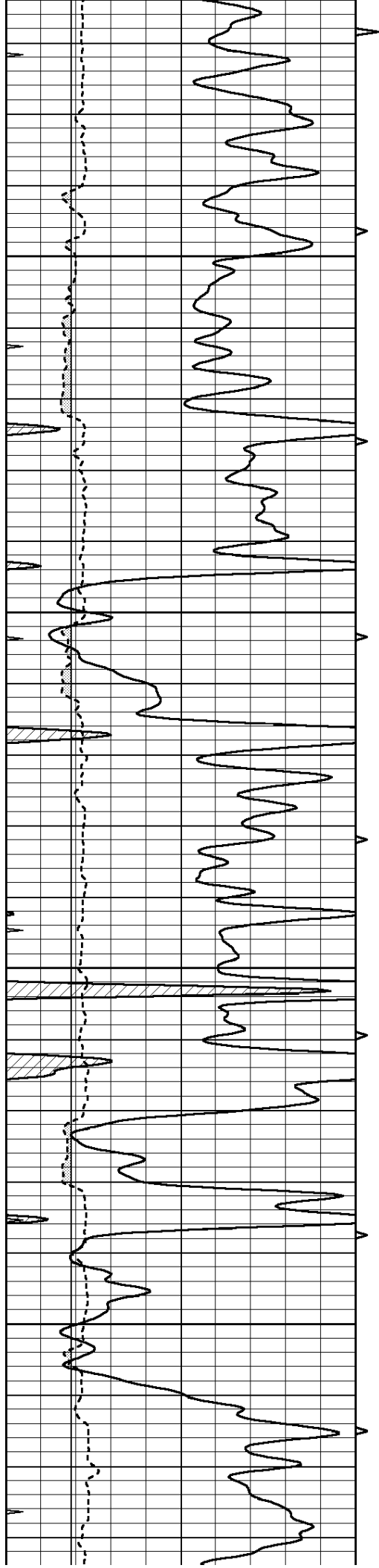
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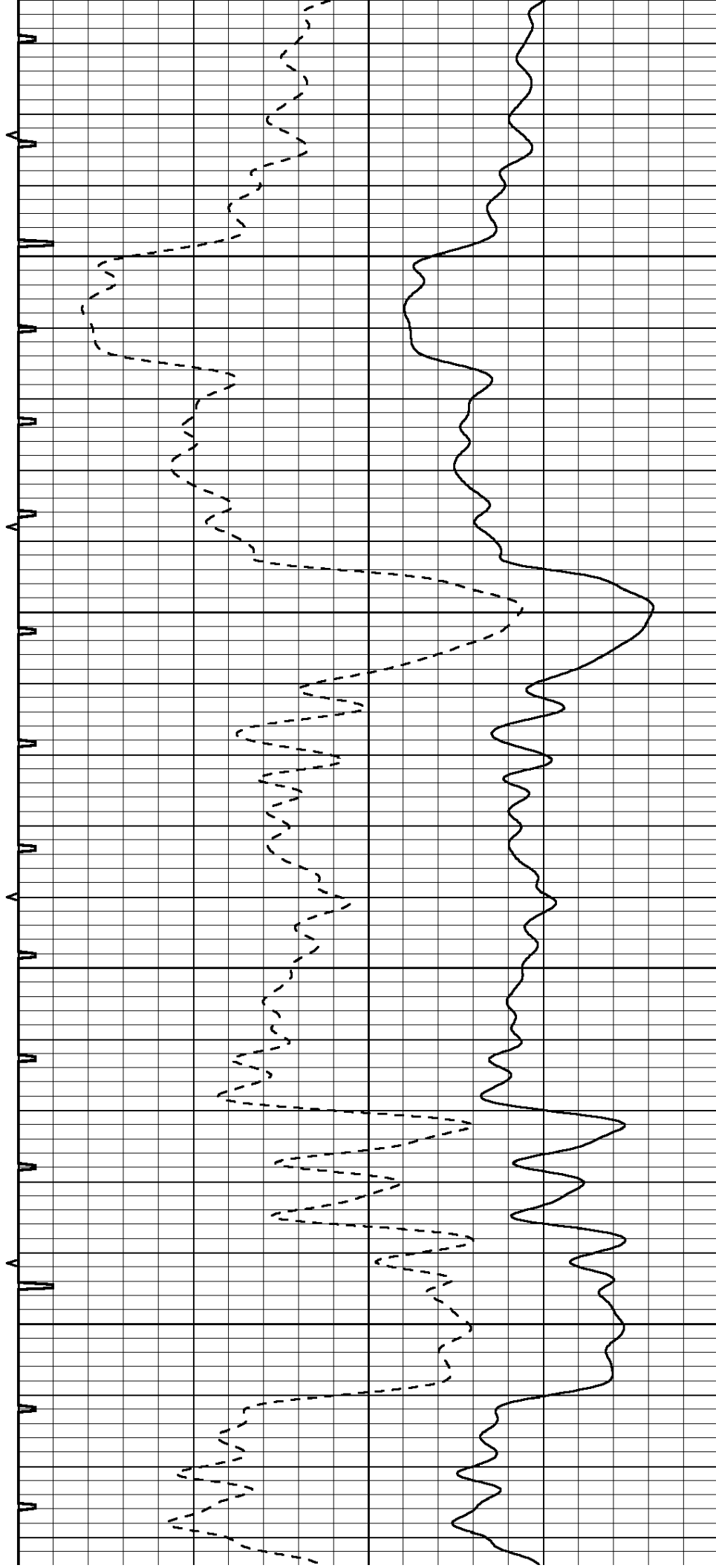


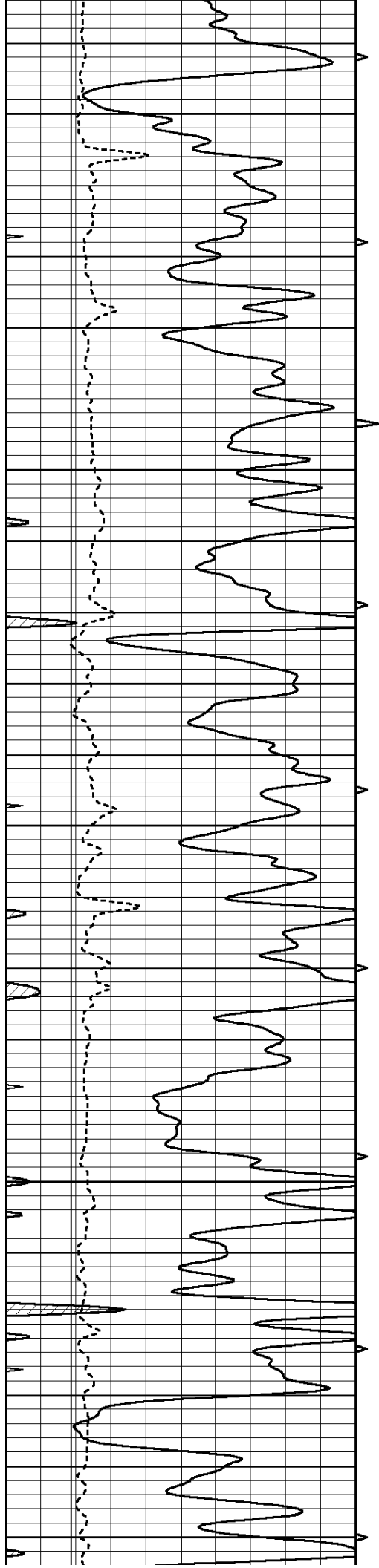
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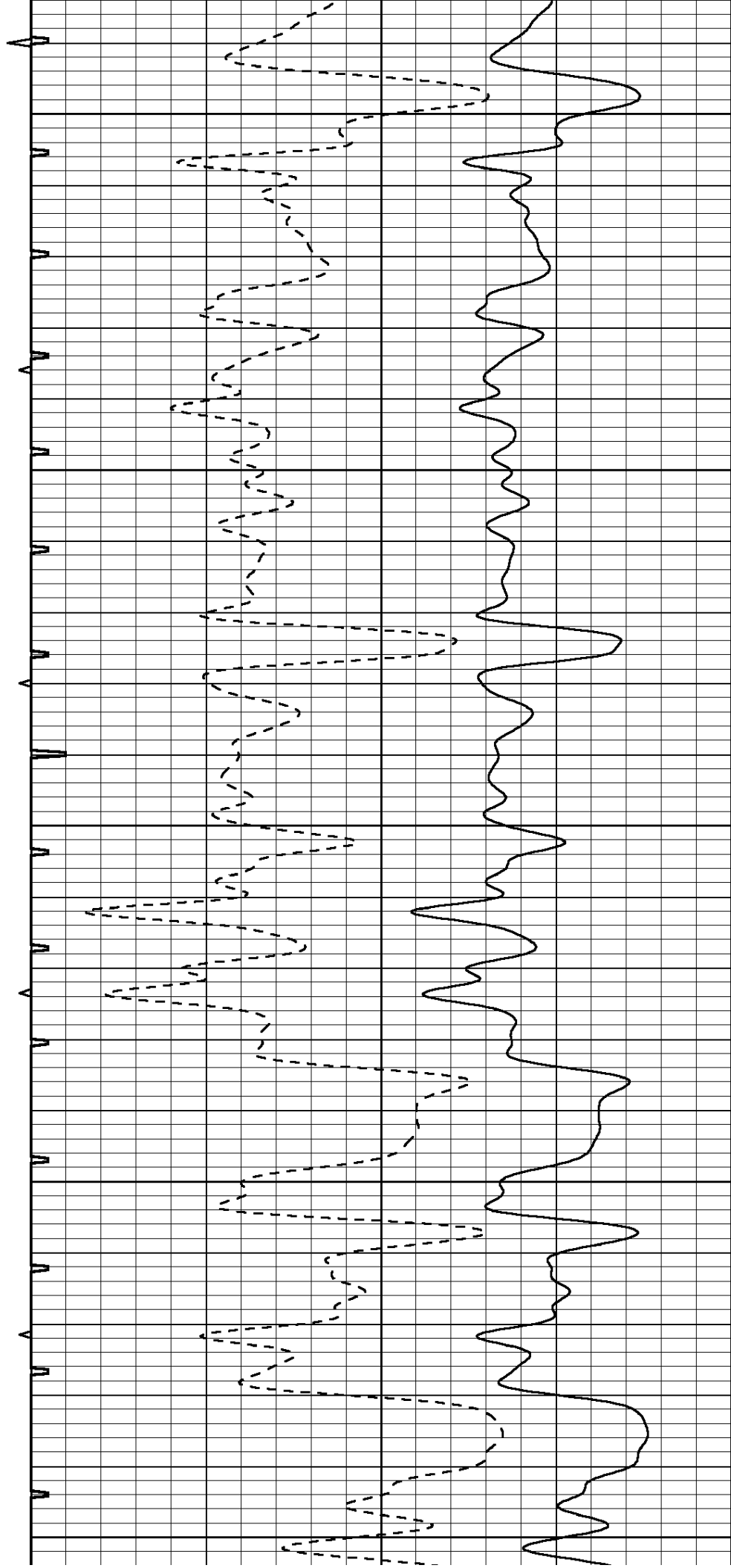
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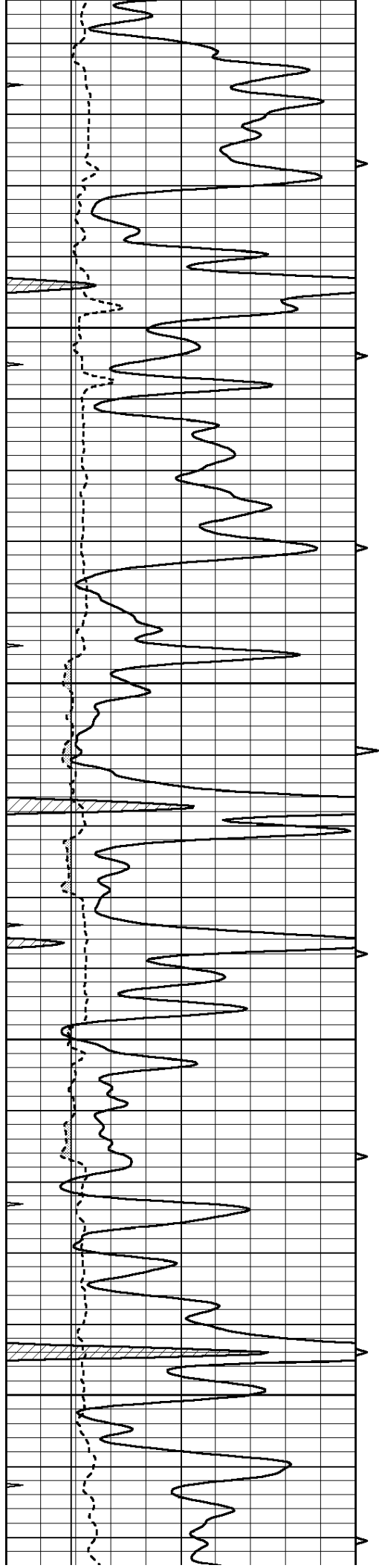
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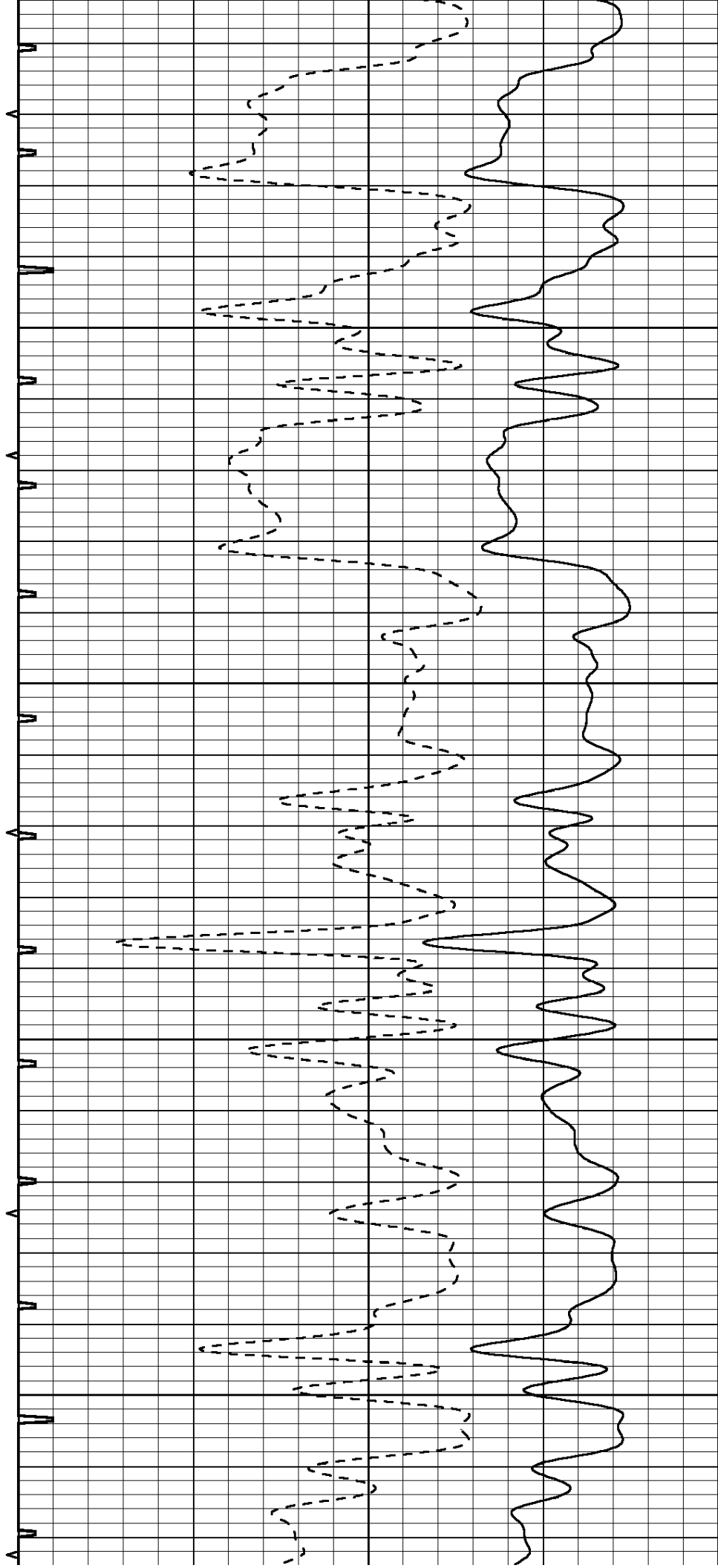


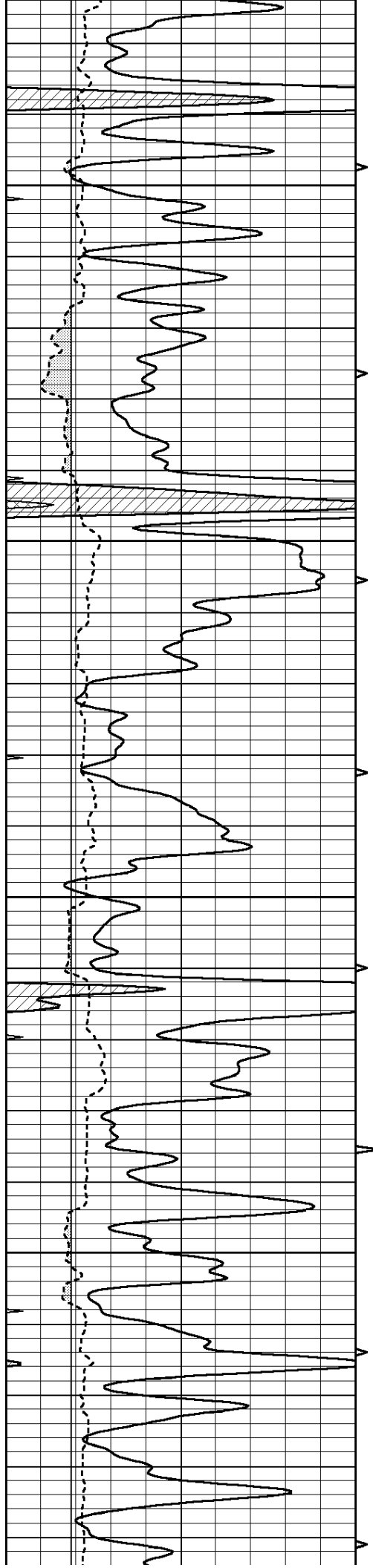
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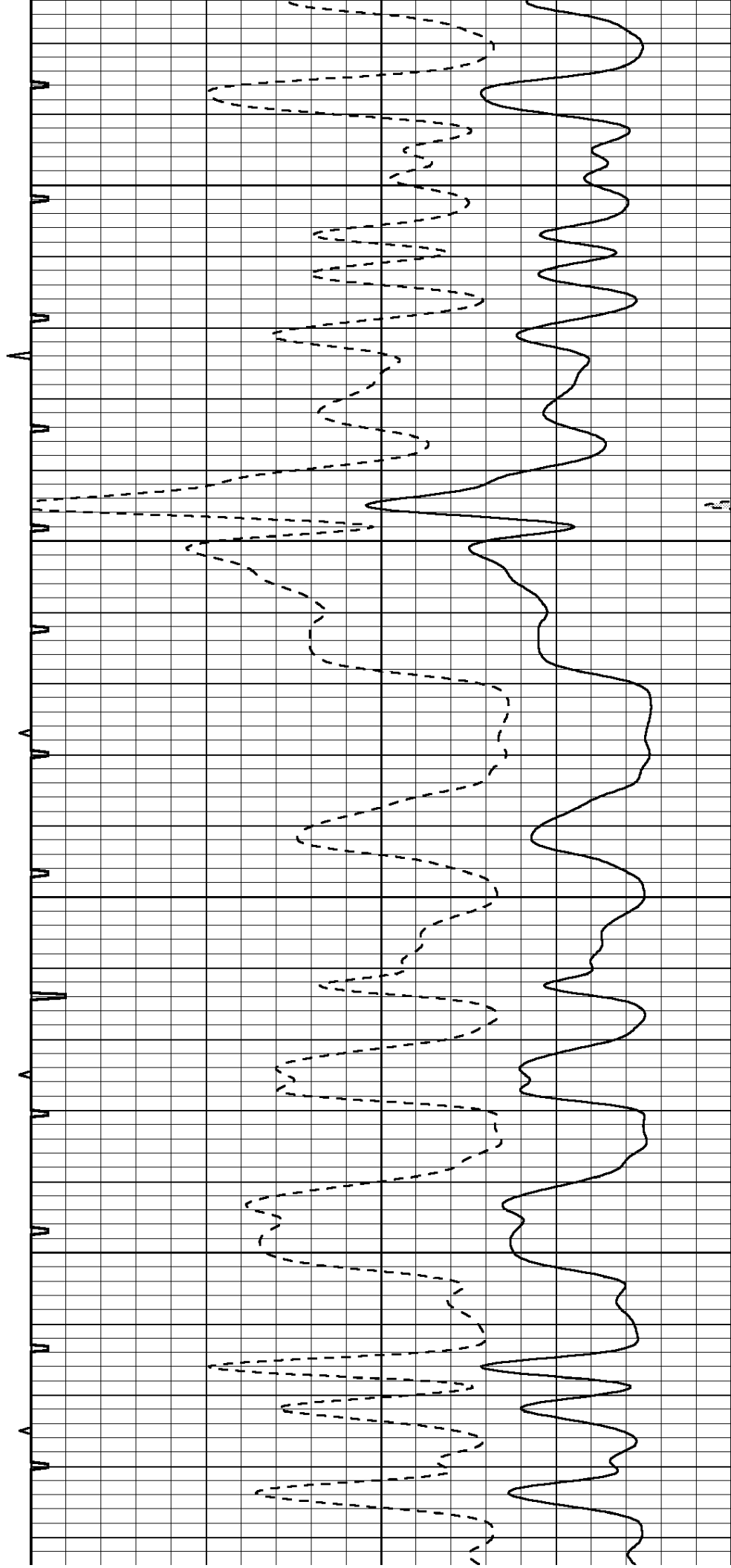


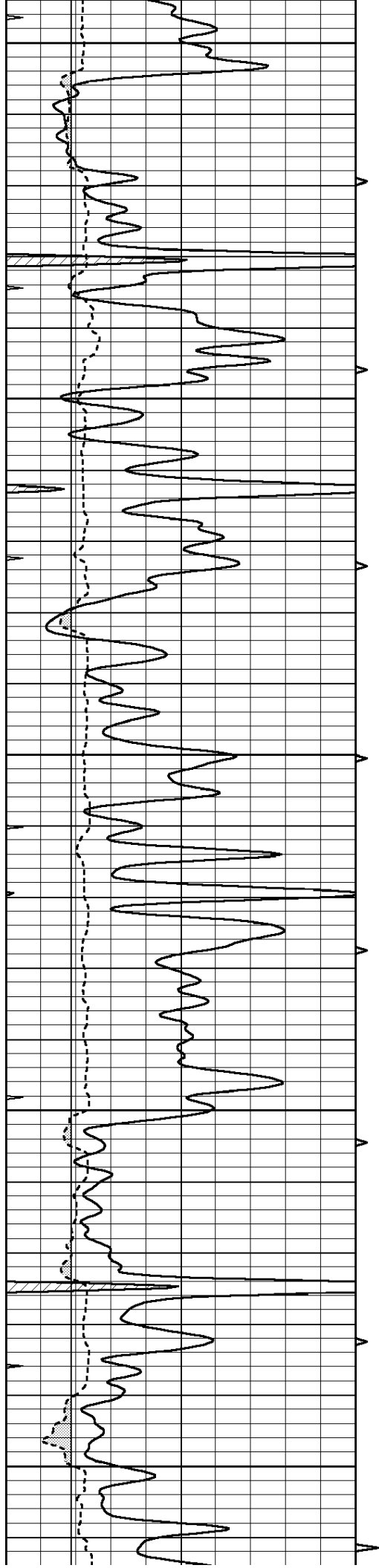
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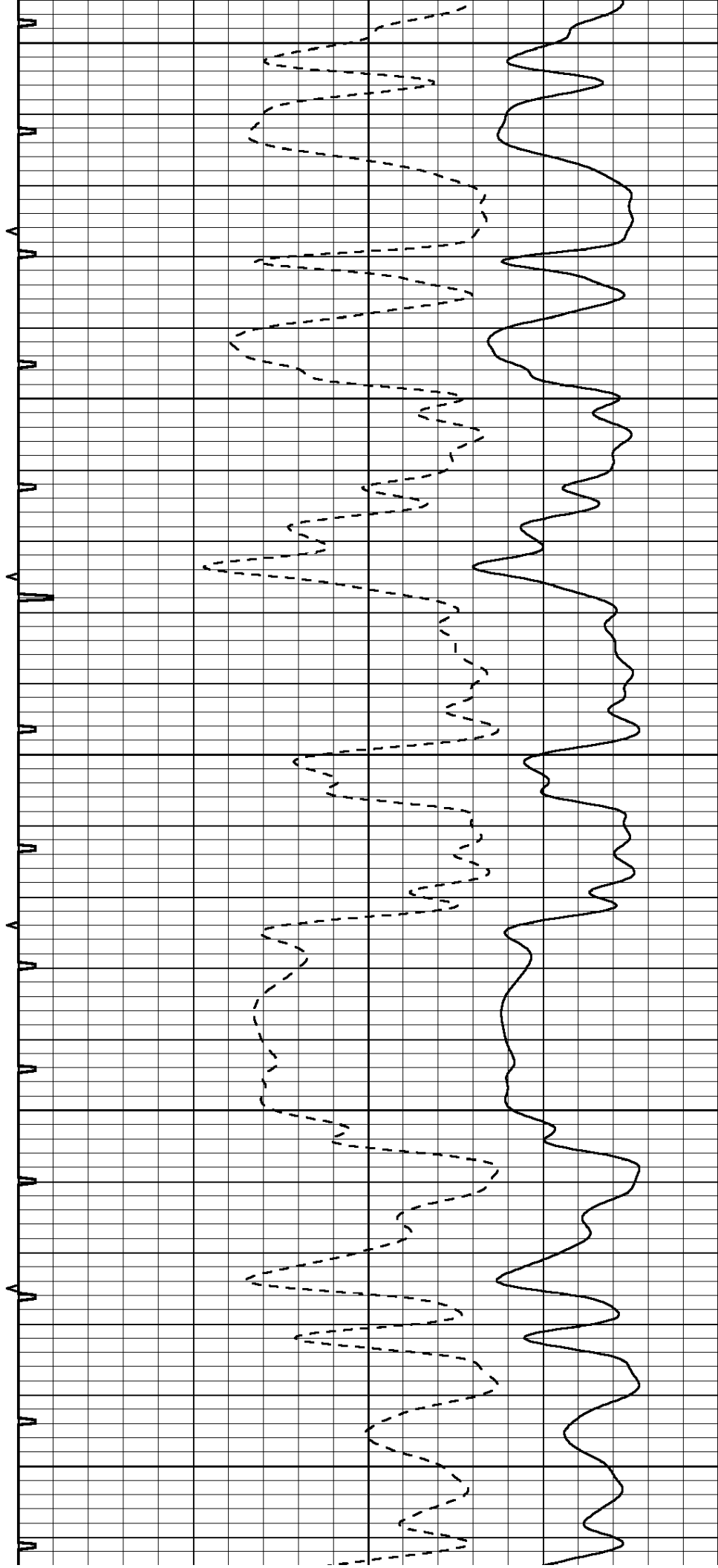
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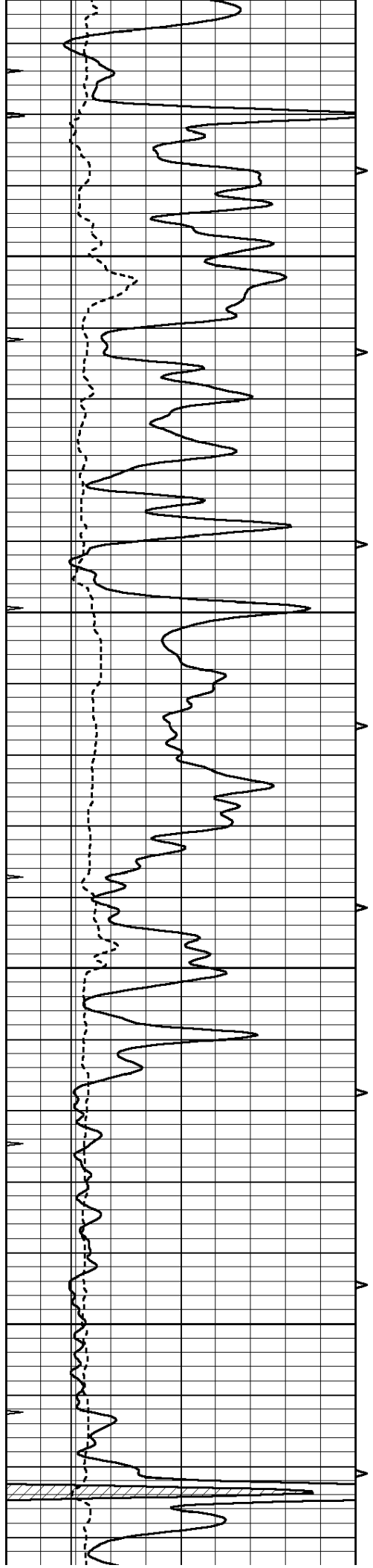
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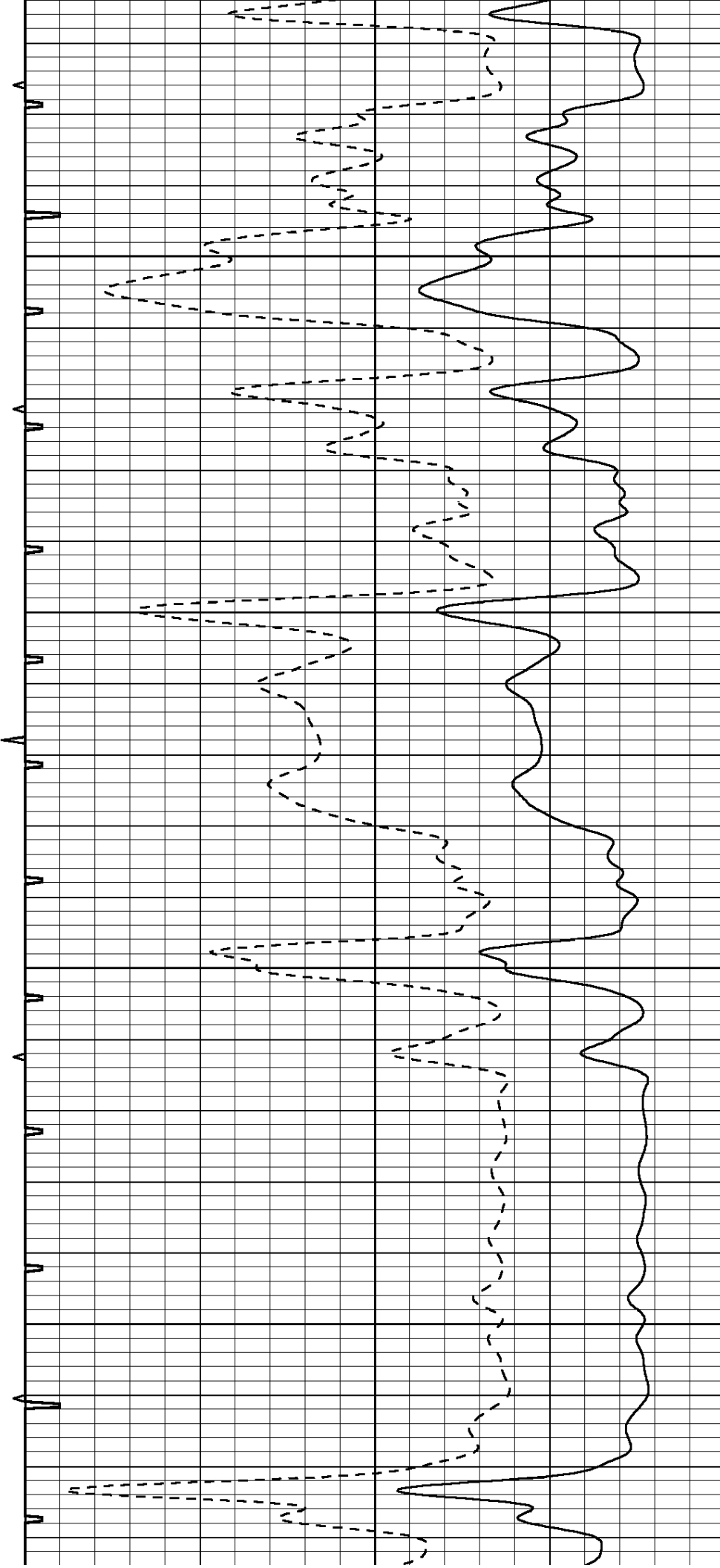


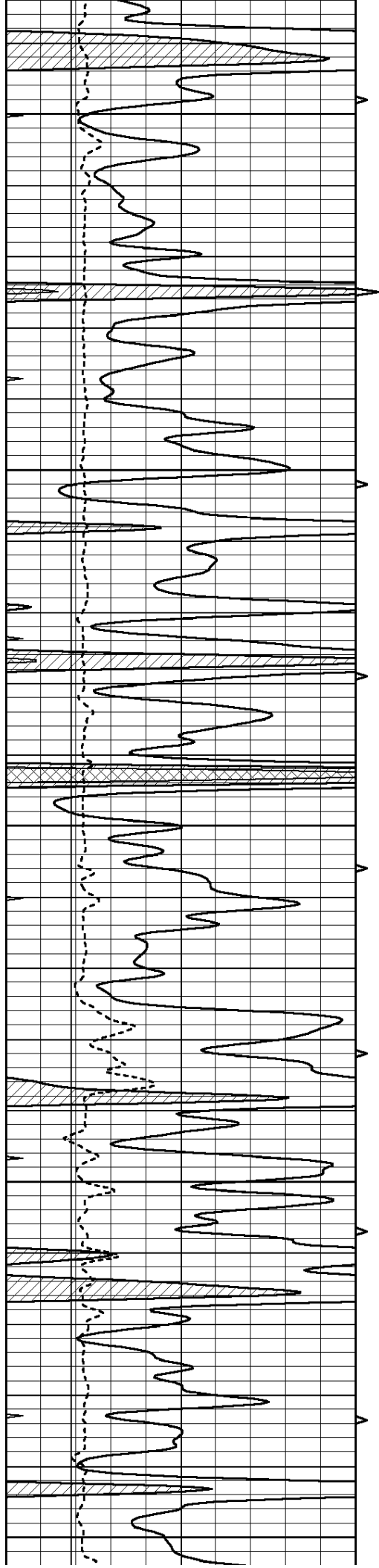
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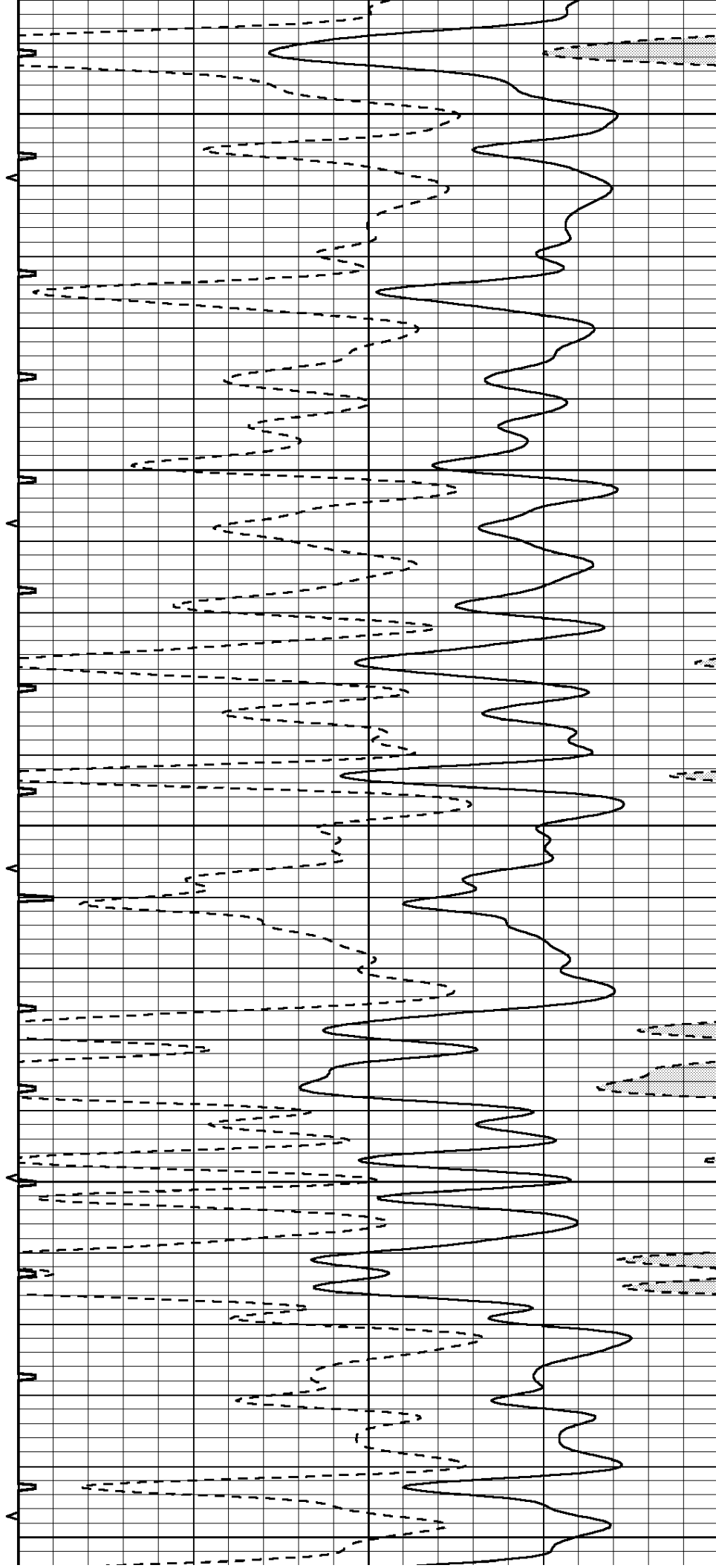
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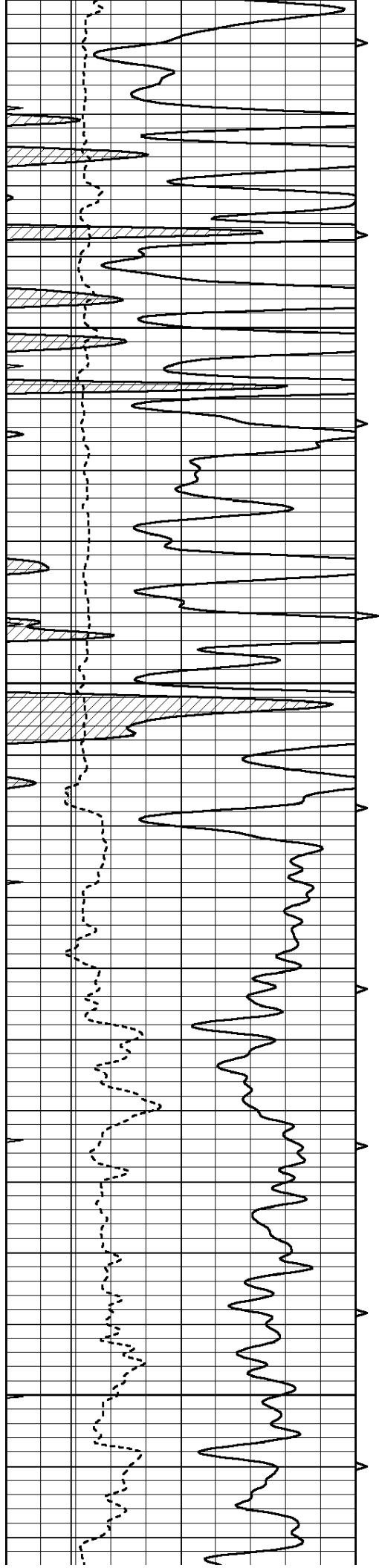
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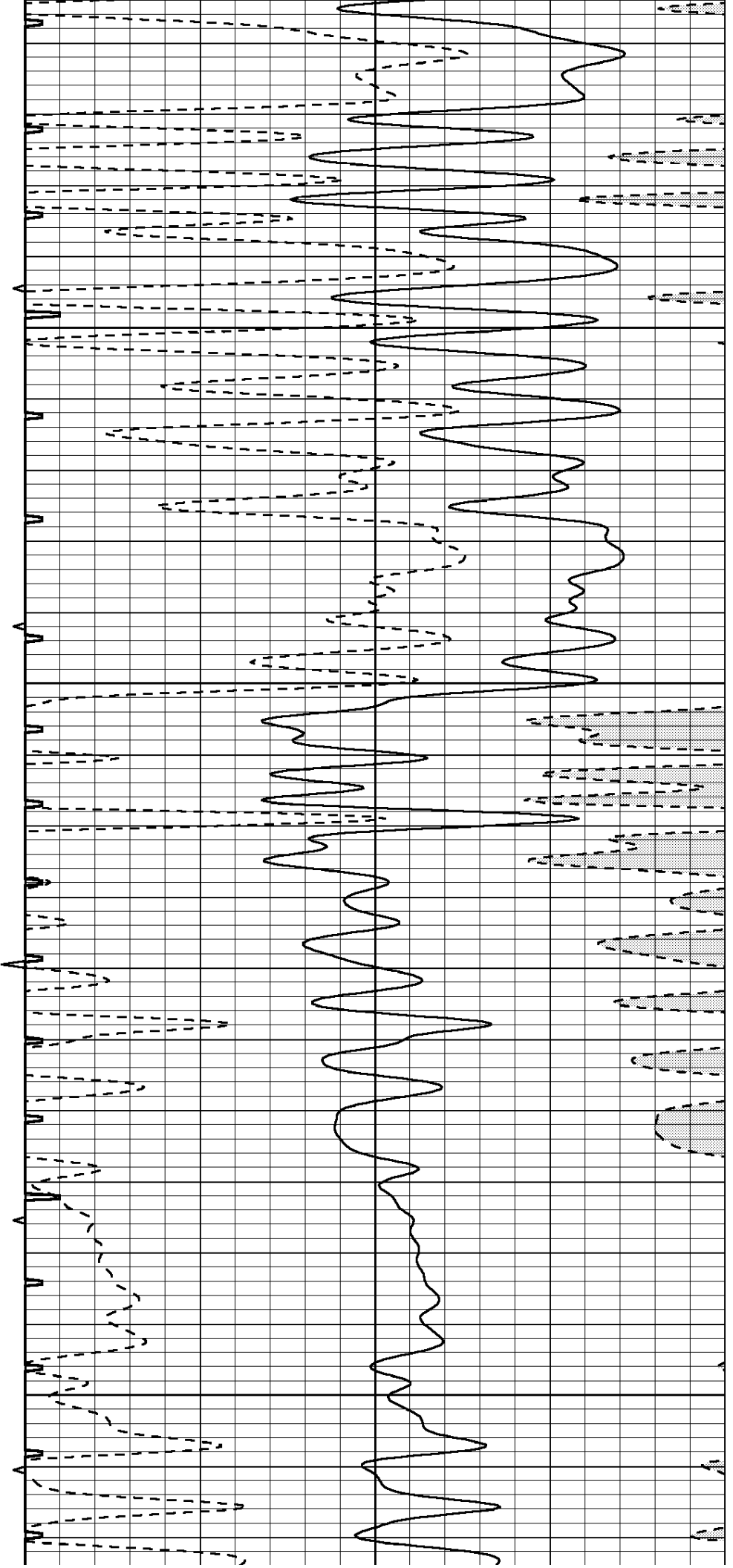


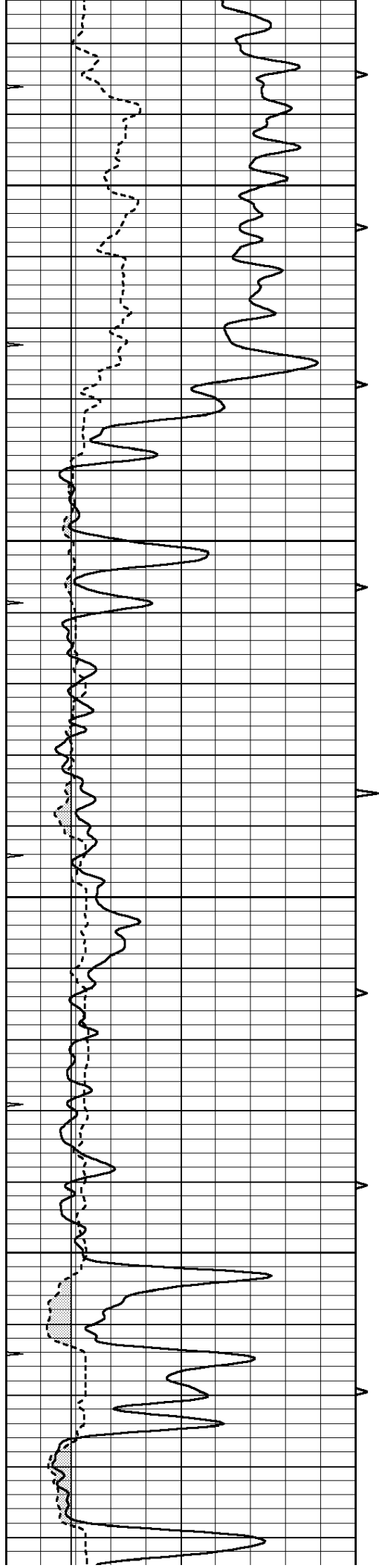
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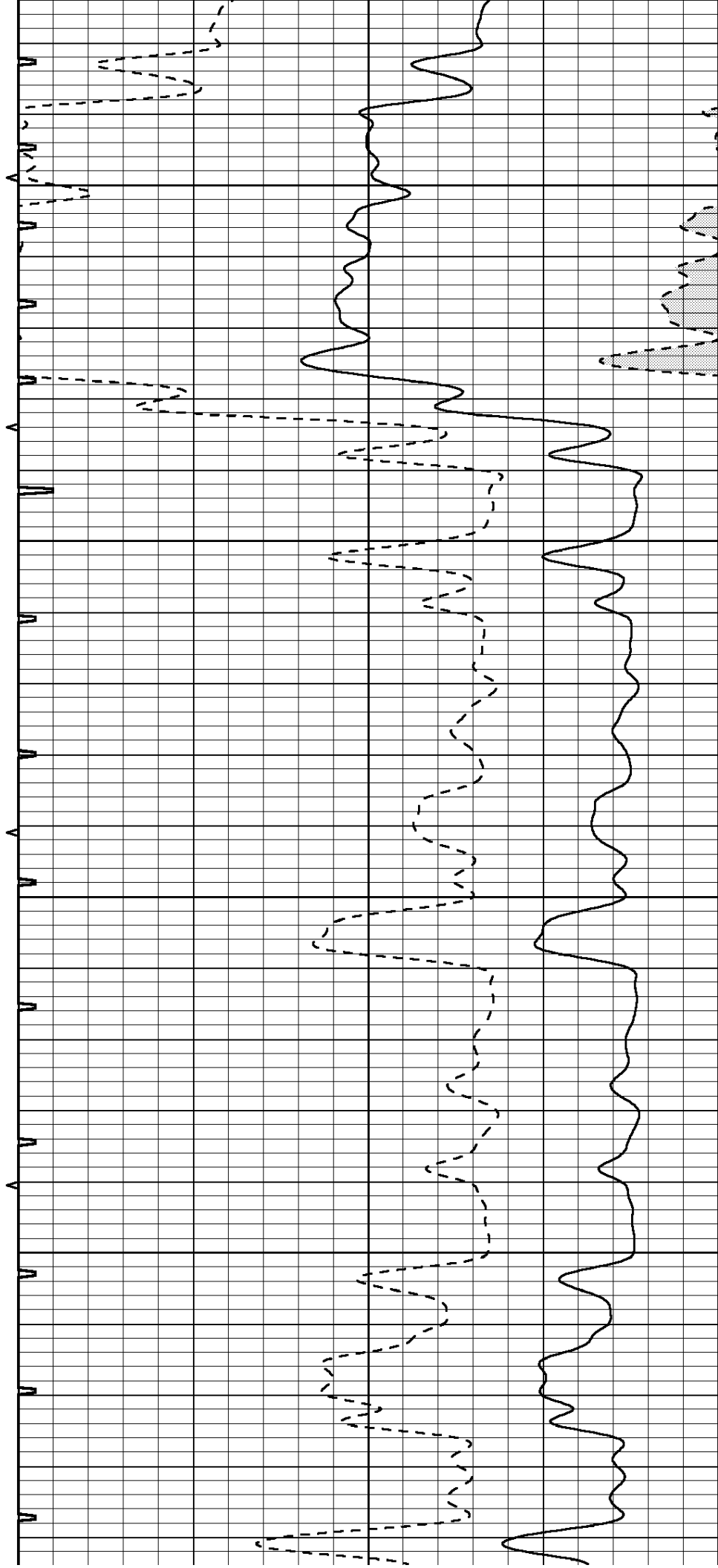


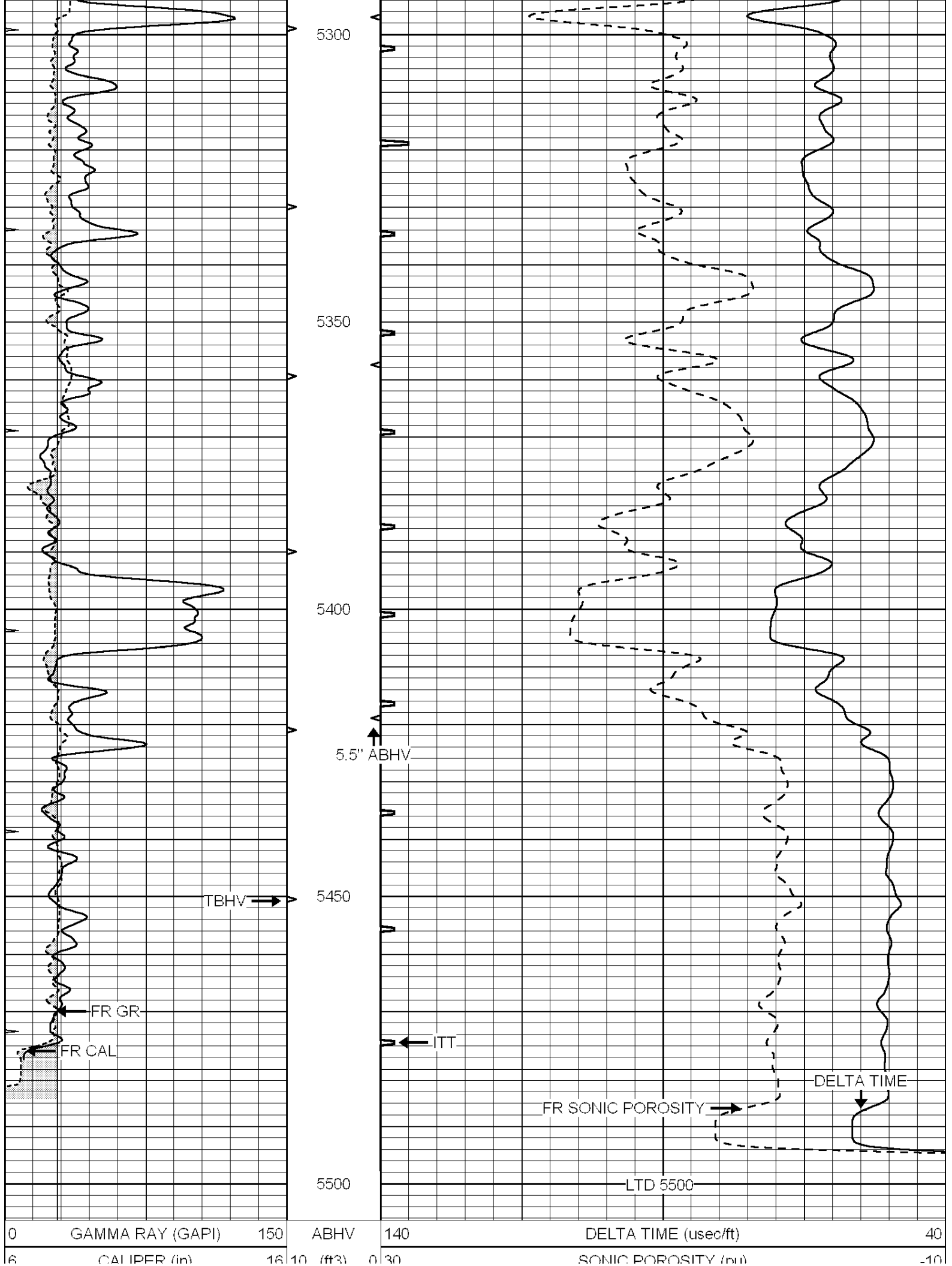
5100

5150

5200

5250







0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



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# REPEAT SECTION

Database File: 007982pe.db  
Dataset Pathname: pass6.4  
Presentation Format: slt  
Dataset Creation: Tue Nov 08 01:32:50 2011 by Calc Open-Cased 090629  
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			

