



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		EDISON OPERATING COMPANY, LLC.	
Well	COTTRELL #1-8		
Field	WILDCAT		
County	MEADE	State	KANSAS
Location:	AP1 # : 15-119-21324-0000		Other Services CDL/CNL/PE DIL/MEL
Permanent Datum	GROUND LEVEL		Elevation 2622
Log Measured From	2310' FNL & 495' FEL		
Drilling Measured From	W/2 - SE - SE - NE		
	SEC 8 TWP 33S RGE 29W		
Date	10/2/12		
Run Number	TWO		
Depth Driller	6100		
Depth Logger	6098		
Bottom Logged Interval	6088		
Top Log Interval	1500		
Casing Driller	8 5/8"@1562'		
Casing Logger	1562		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,800 PPM	
Density / Viscosity	9.2/57		
pH / Fluid Loss	10.0/8.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.850@78F		
Rmt @ Meas. Temp	.636@78F		
Rmc @ Meas. Temp	1.02@78F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.491@135F		
Time Circulation Stopped	6 HOURS		
Time Logger on Bottom	6:15 P.M.		
Maximum Recorded Temperature	135F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PAUL GERLACH		

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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

MEADE, KS.(W. EDGE) 7 1/2W. ON HWY 54 TO "RD. 9", 7S., 1E. TO DEAD END, 1N. & W. ON TRAIL



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

409685pe.db

Dataset Pathname:

pass6.6

Presentation Format:

slt

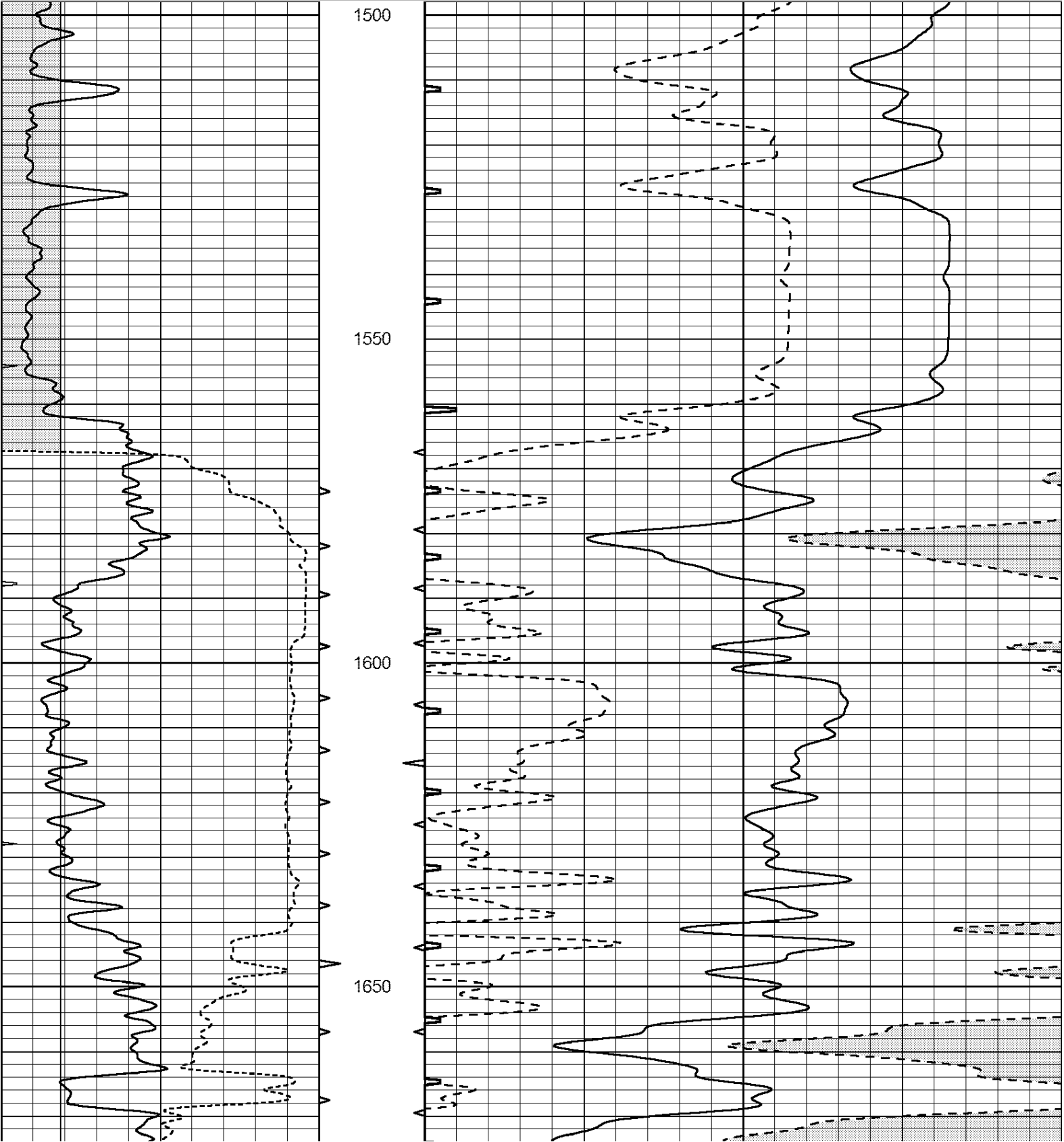
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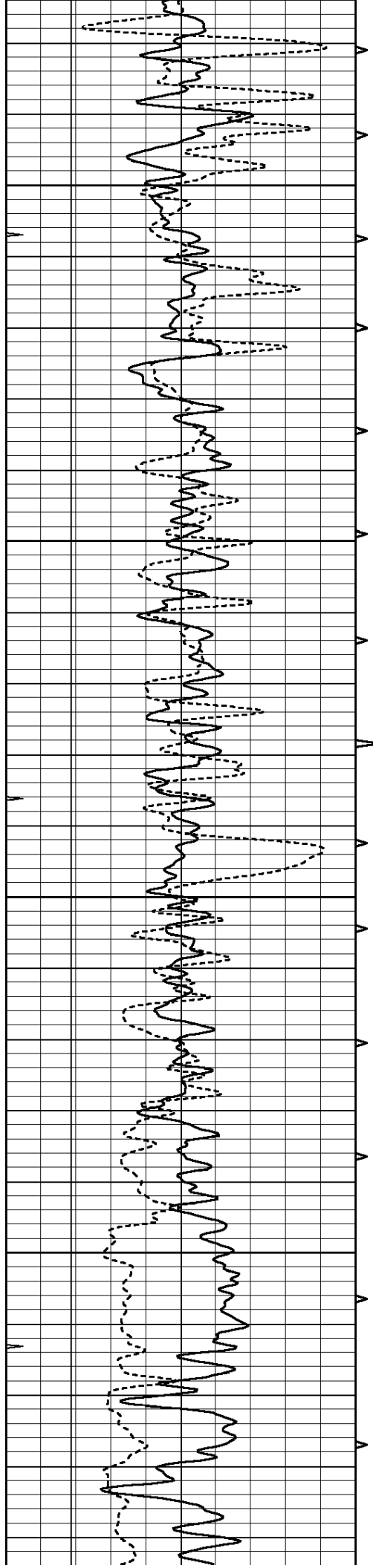
Mon Oct 01 23:15:21 2012

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



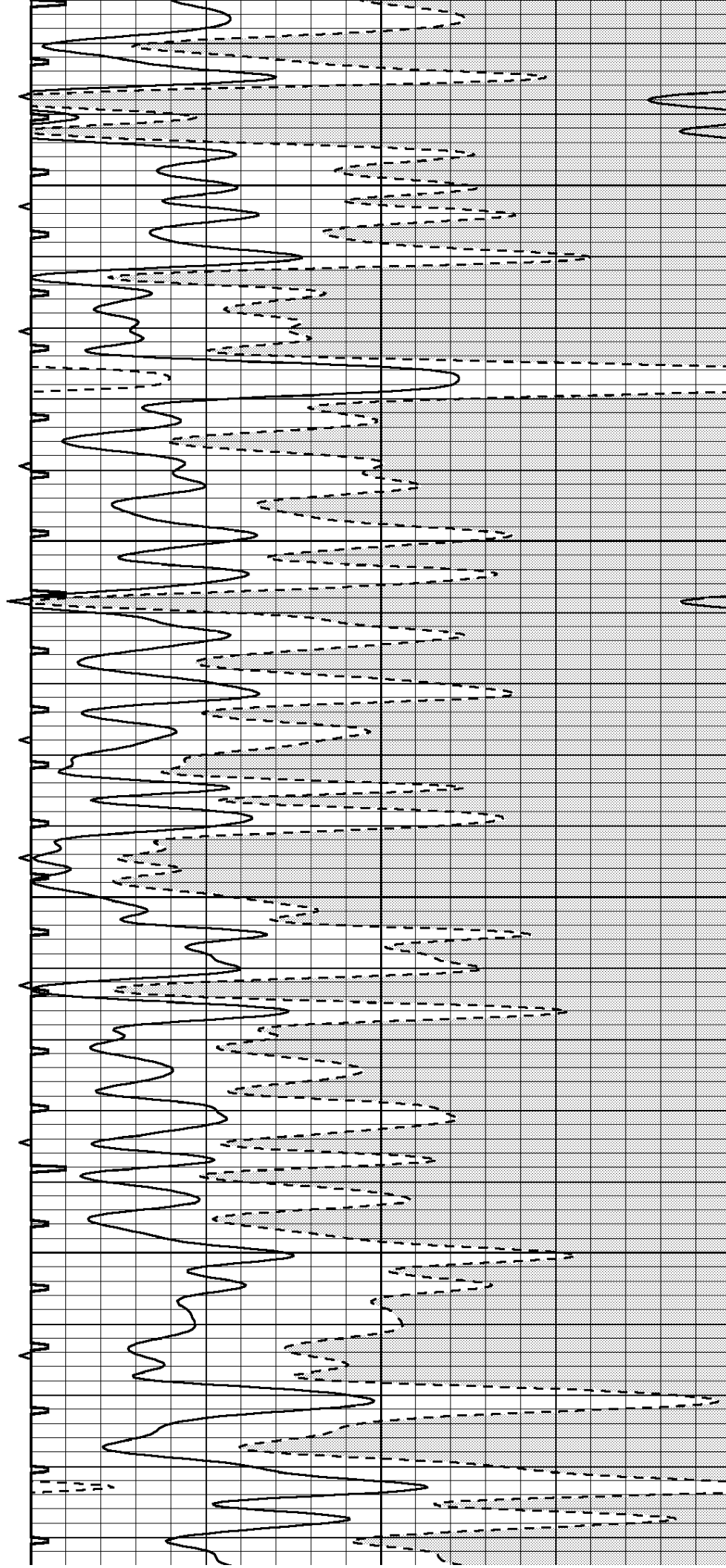


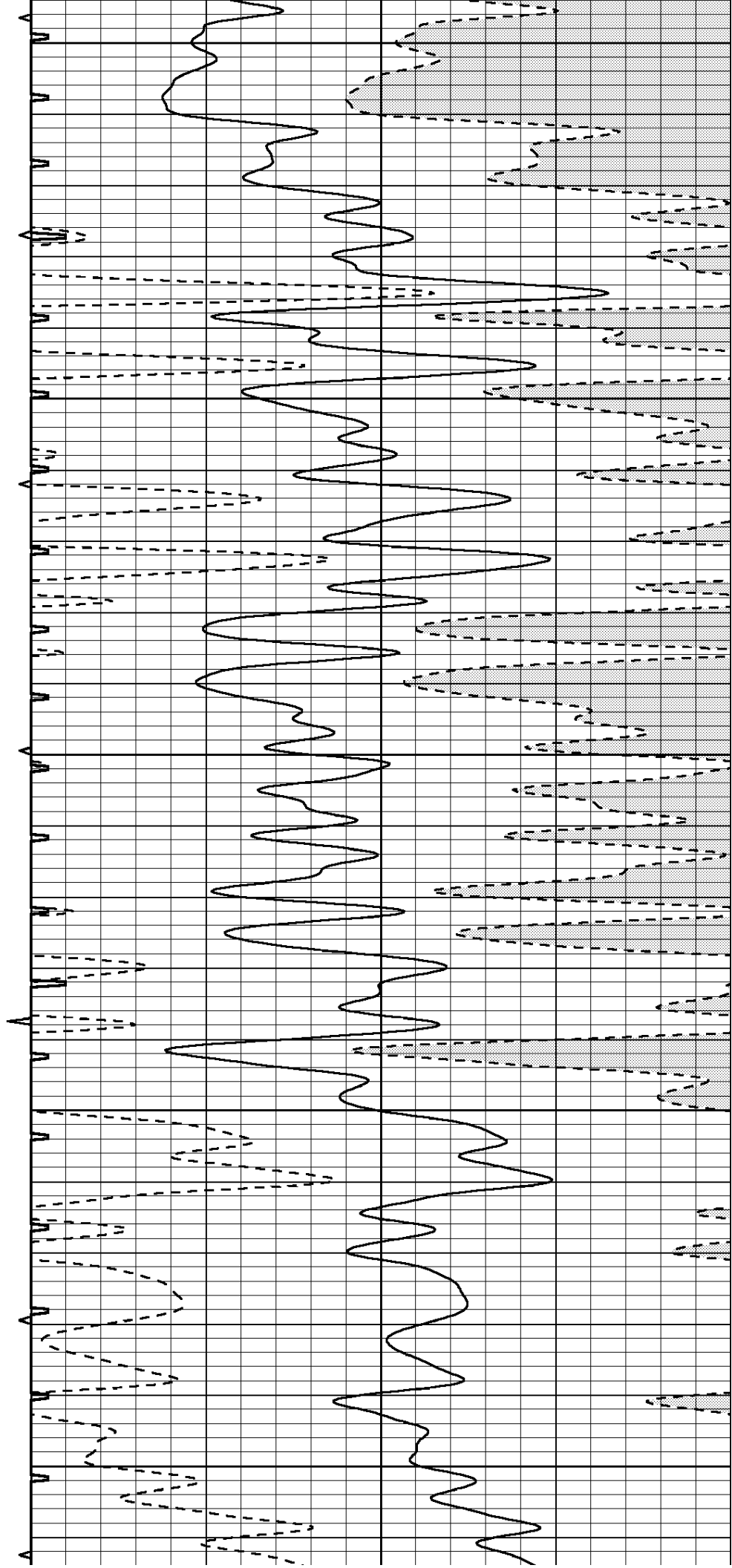
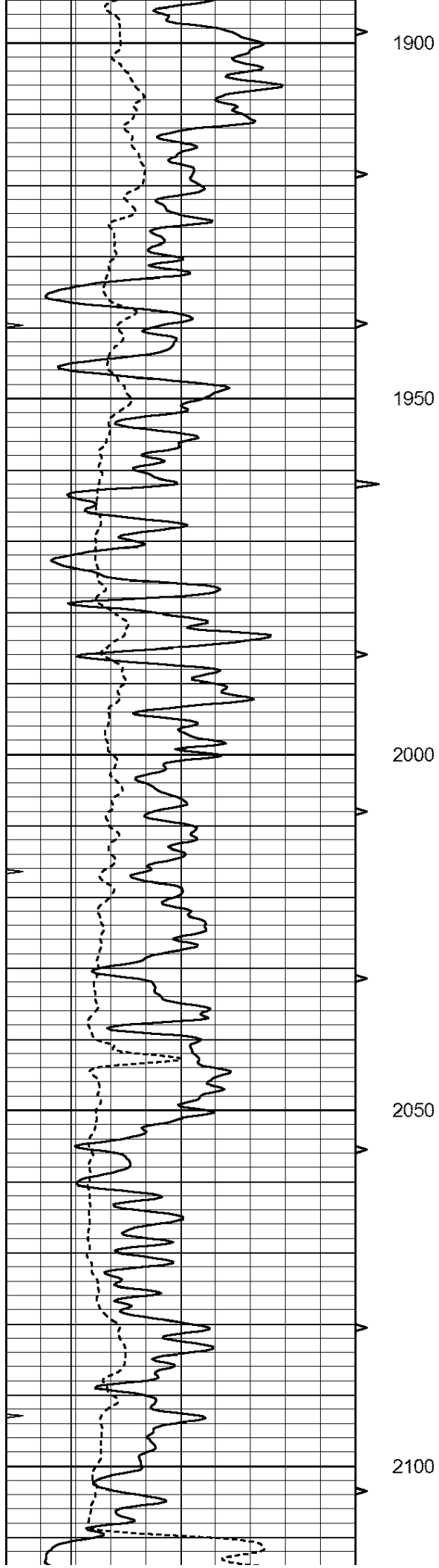
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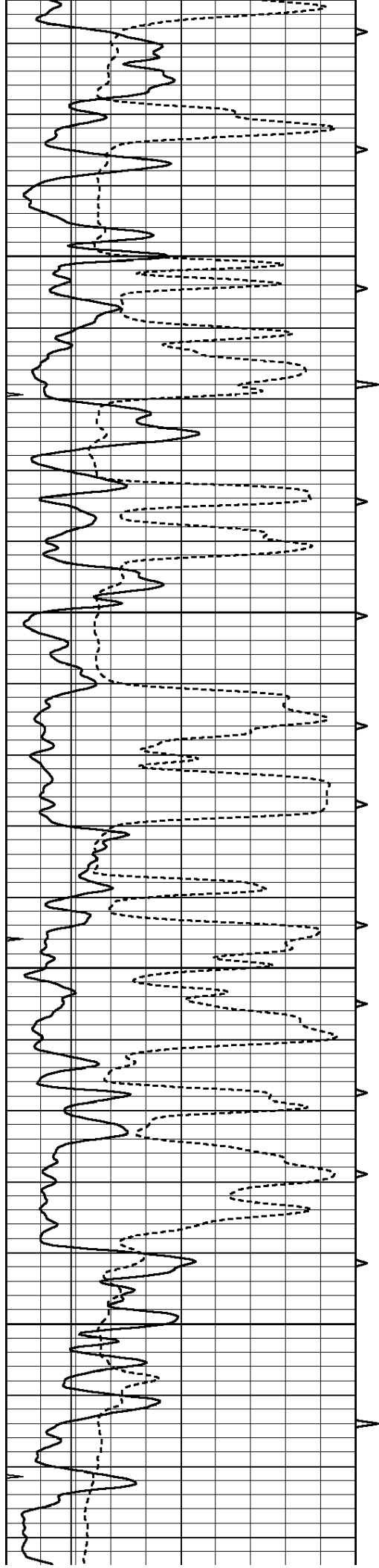
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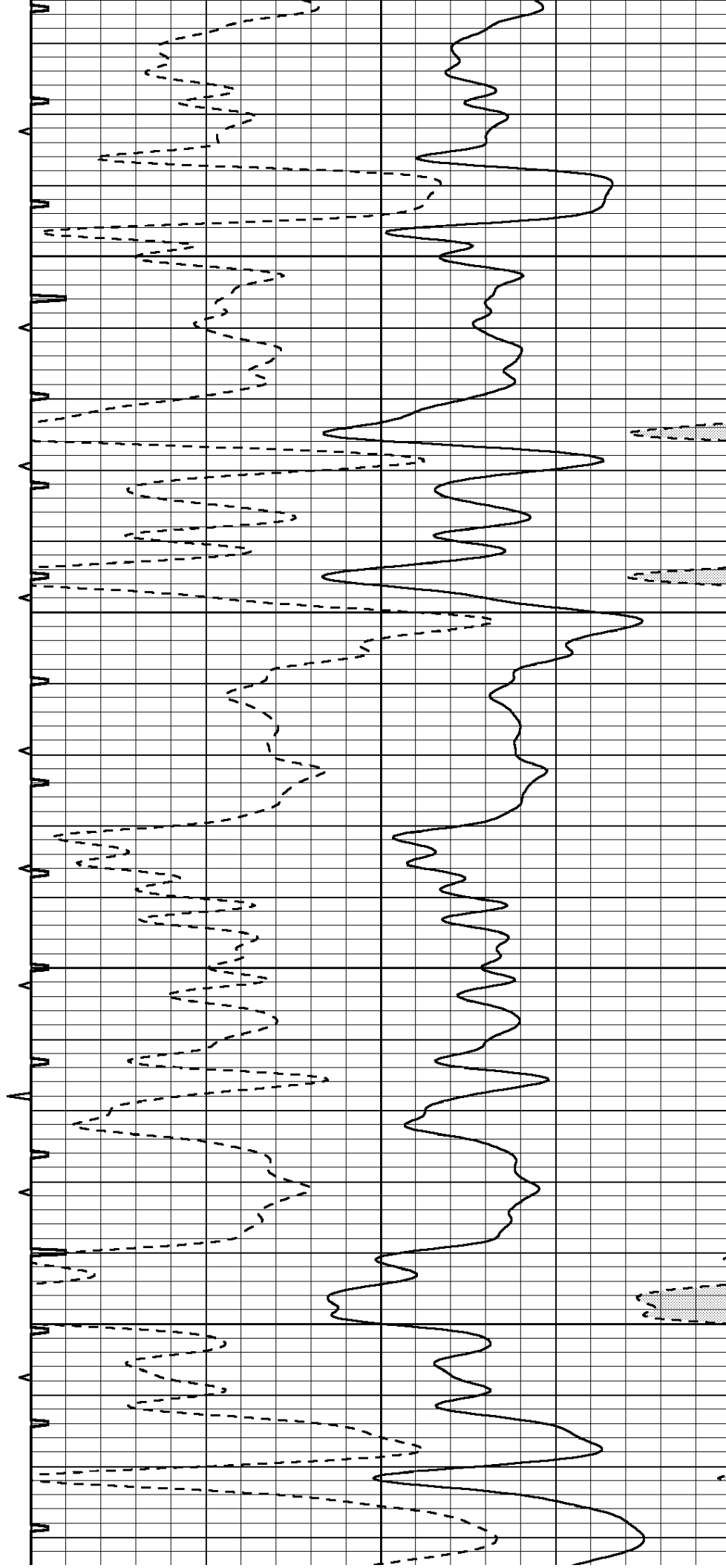


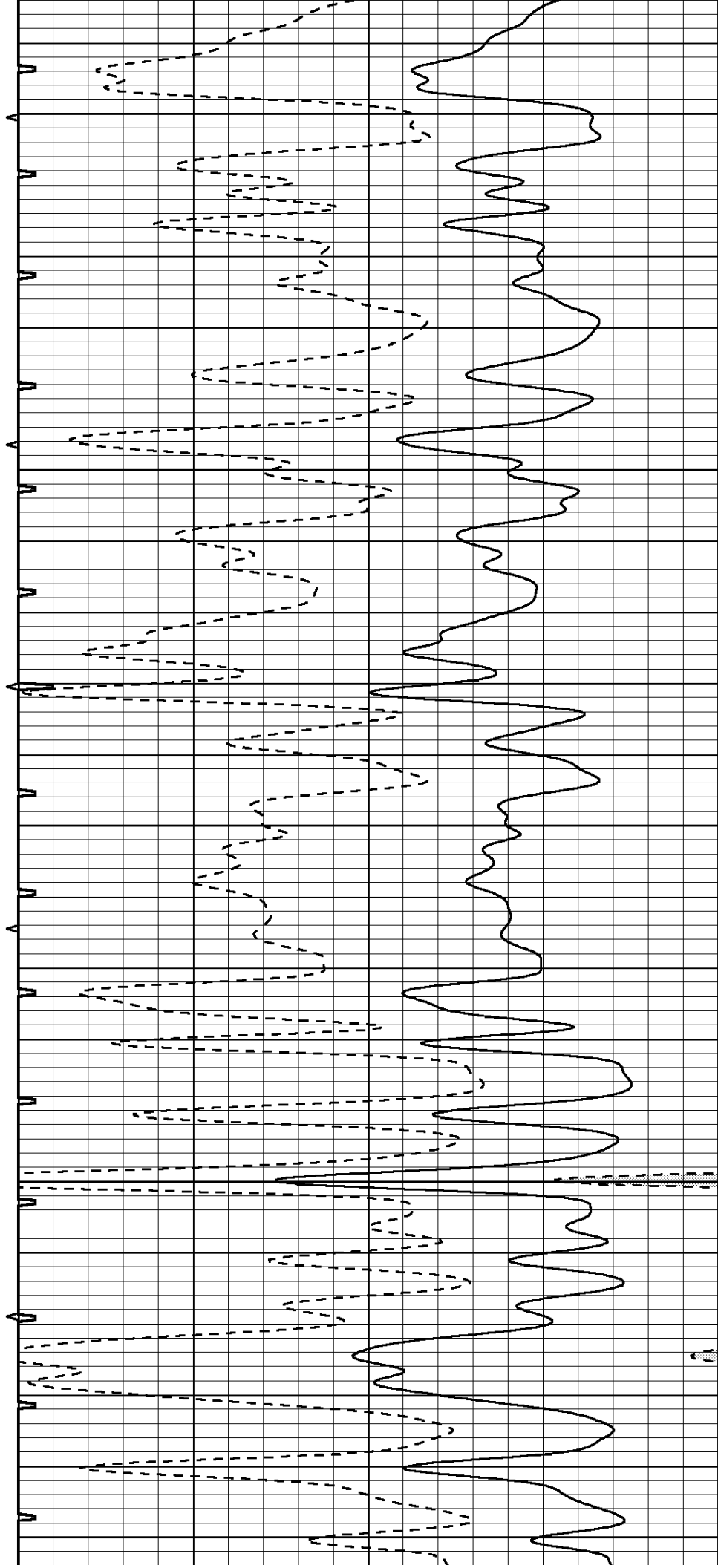
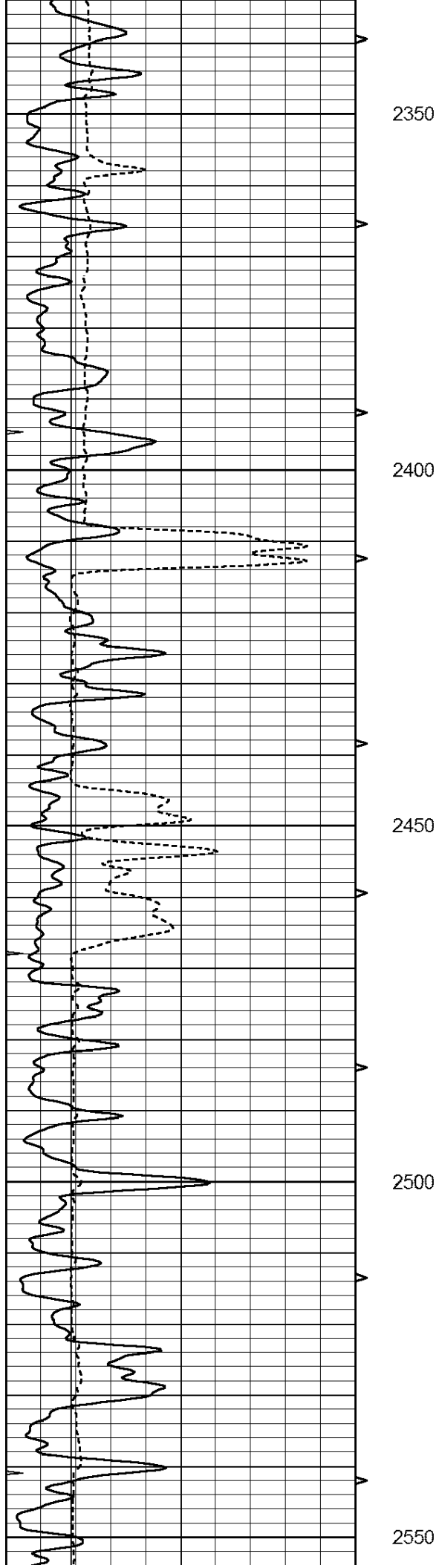
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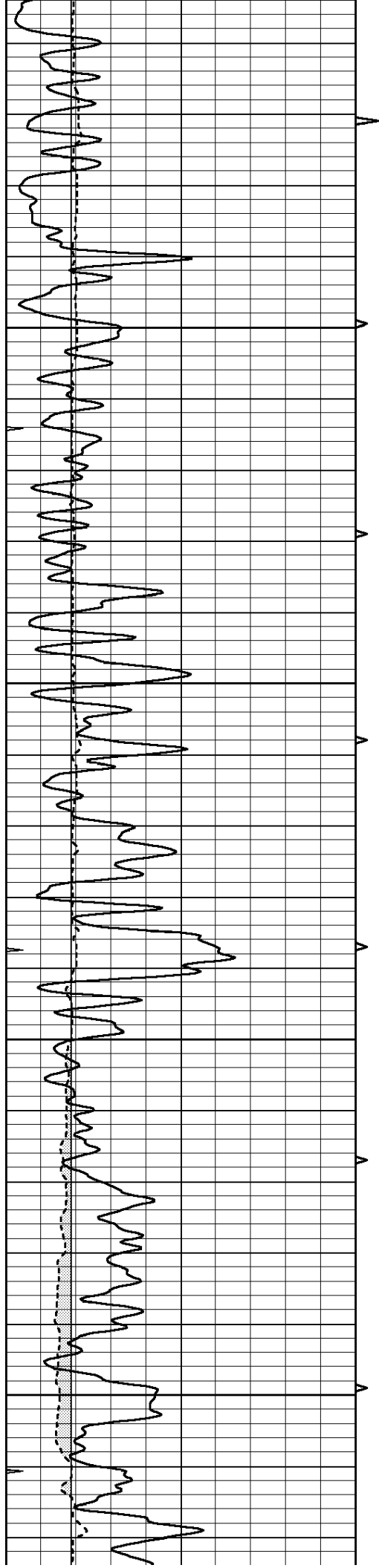
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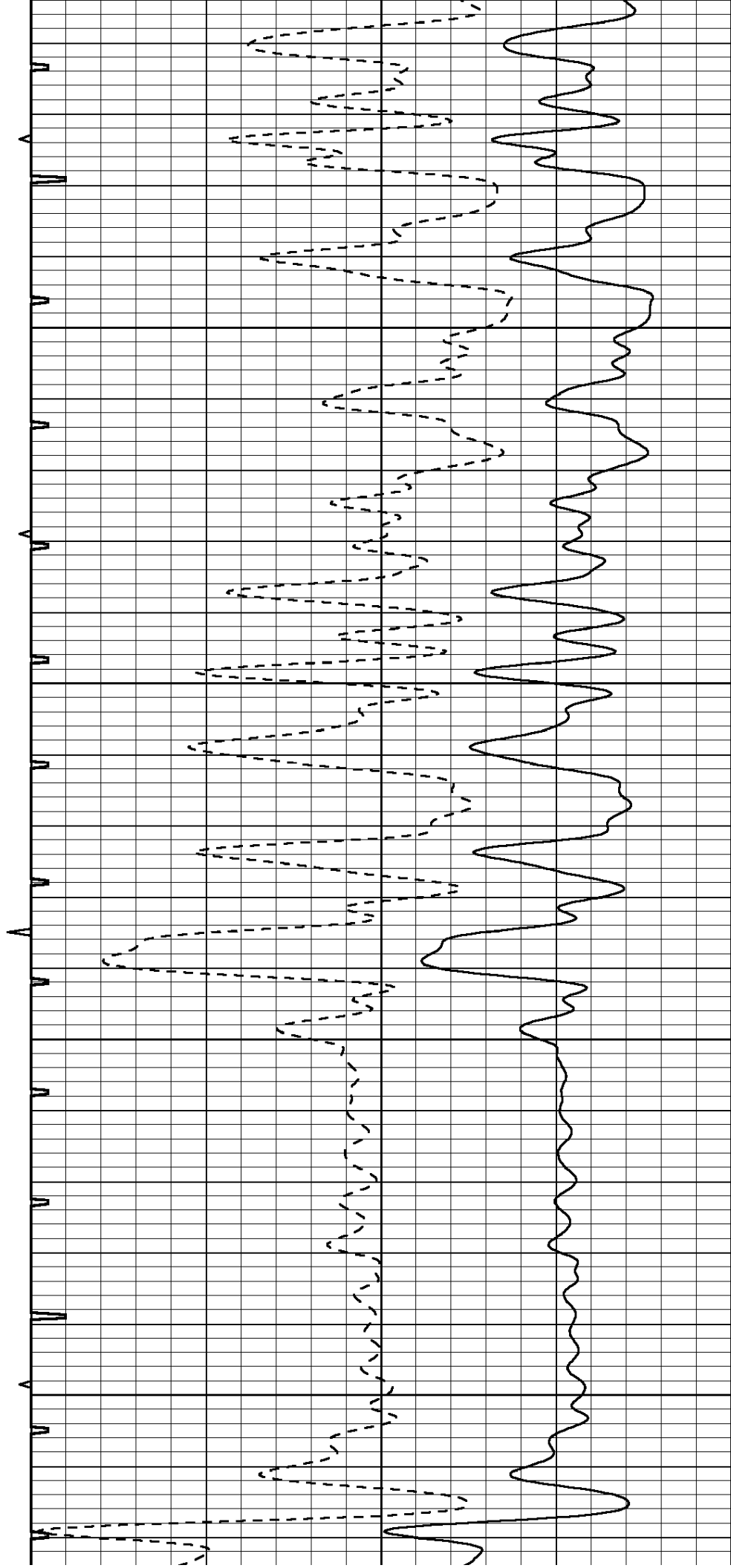


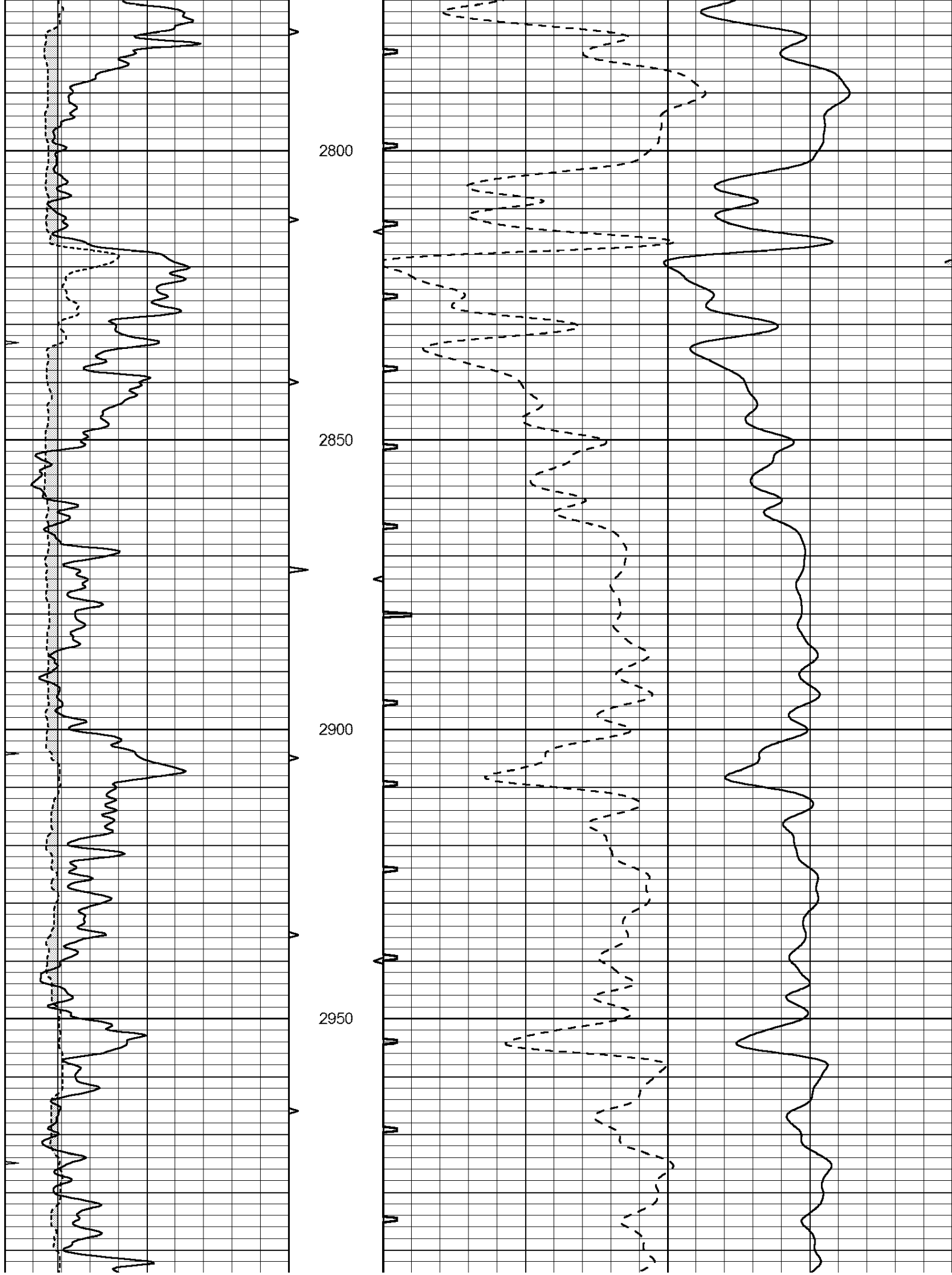
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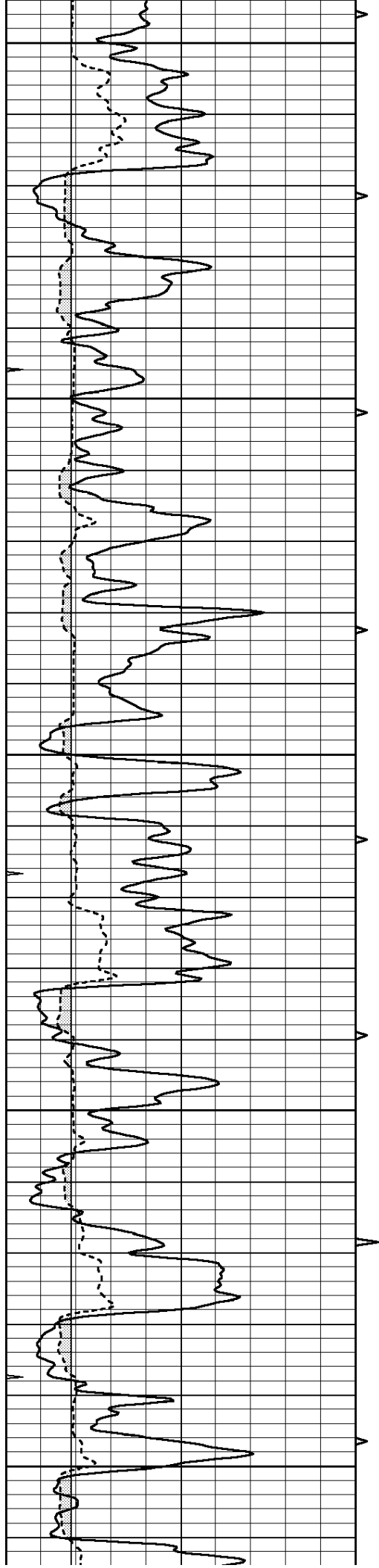
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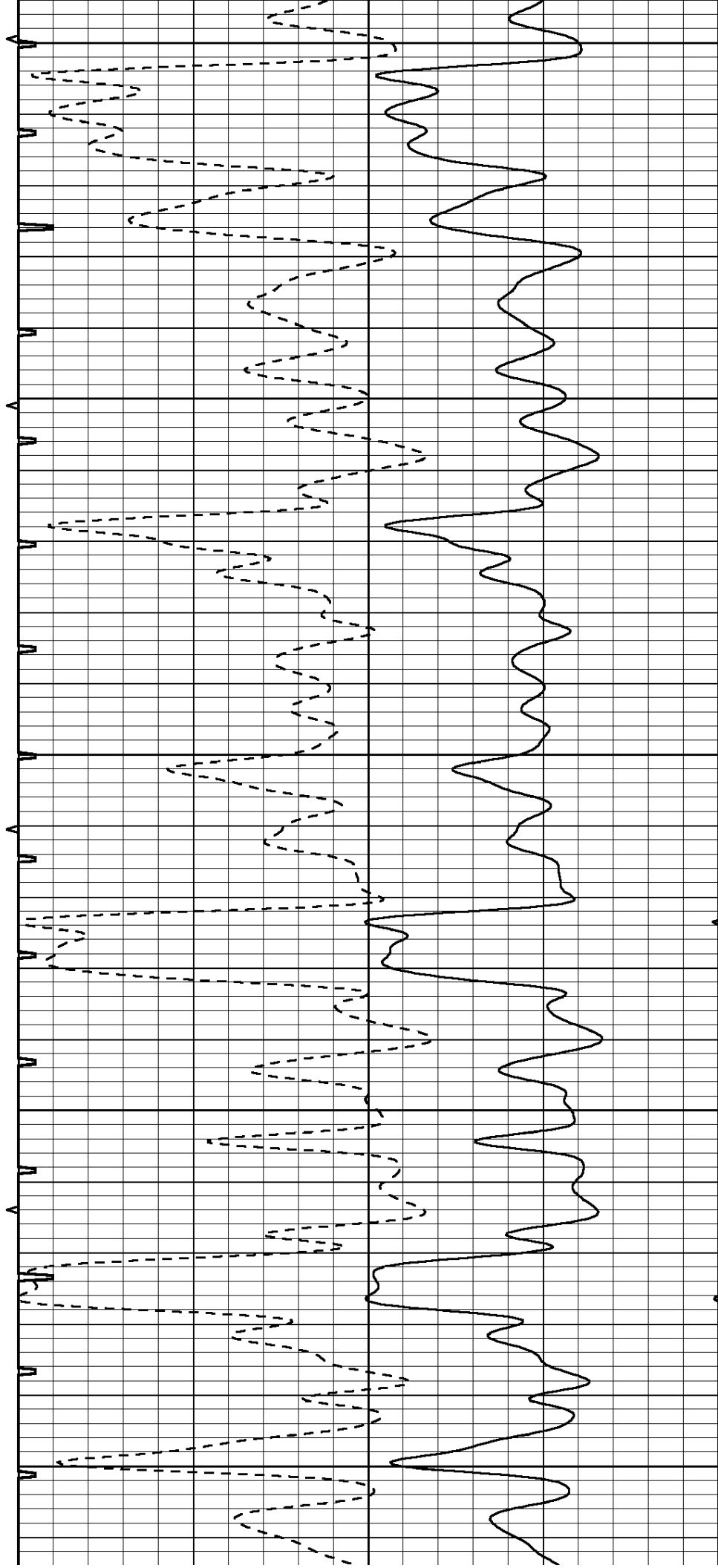
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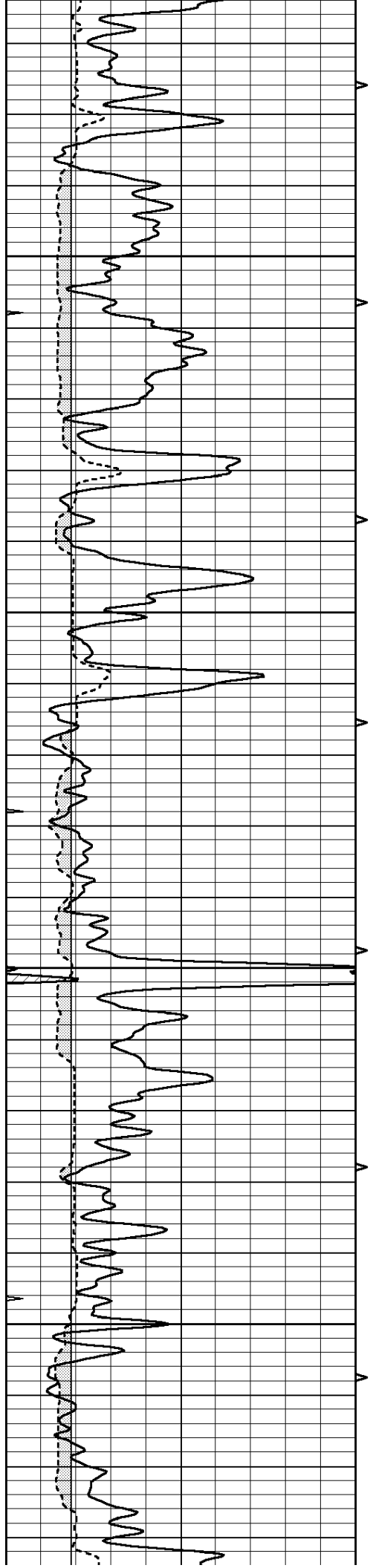
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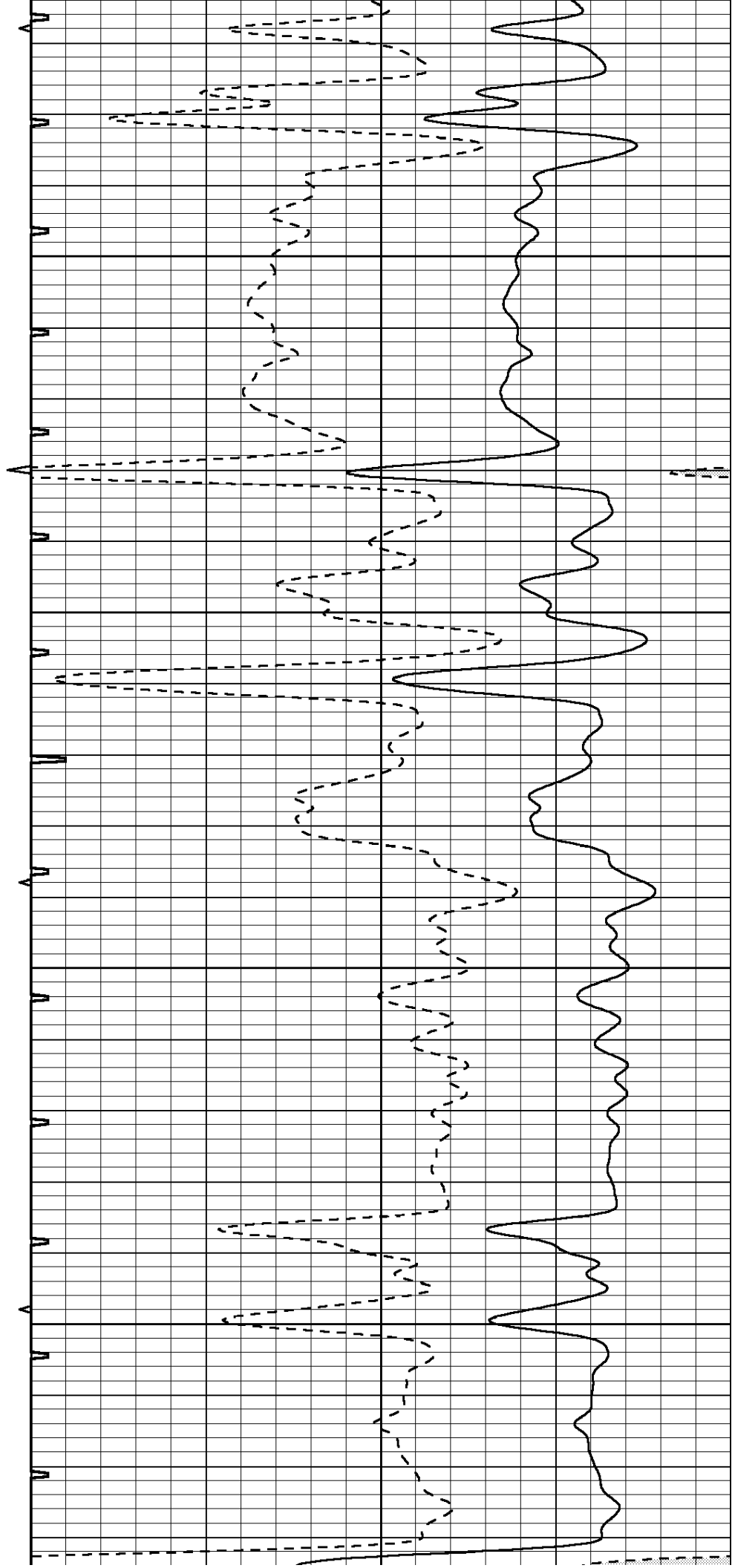


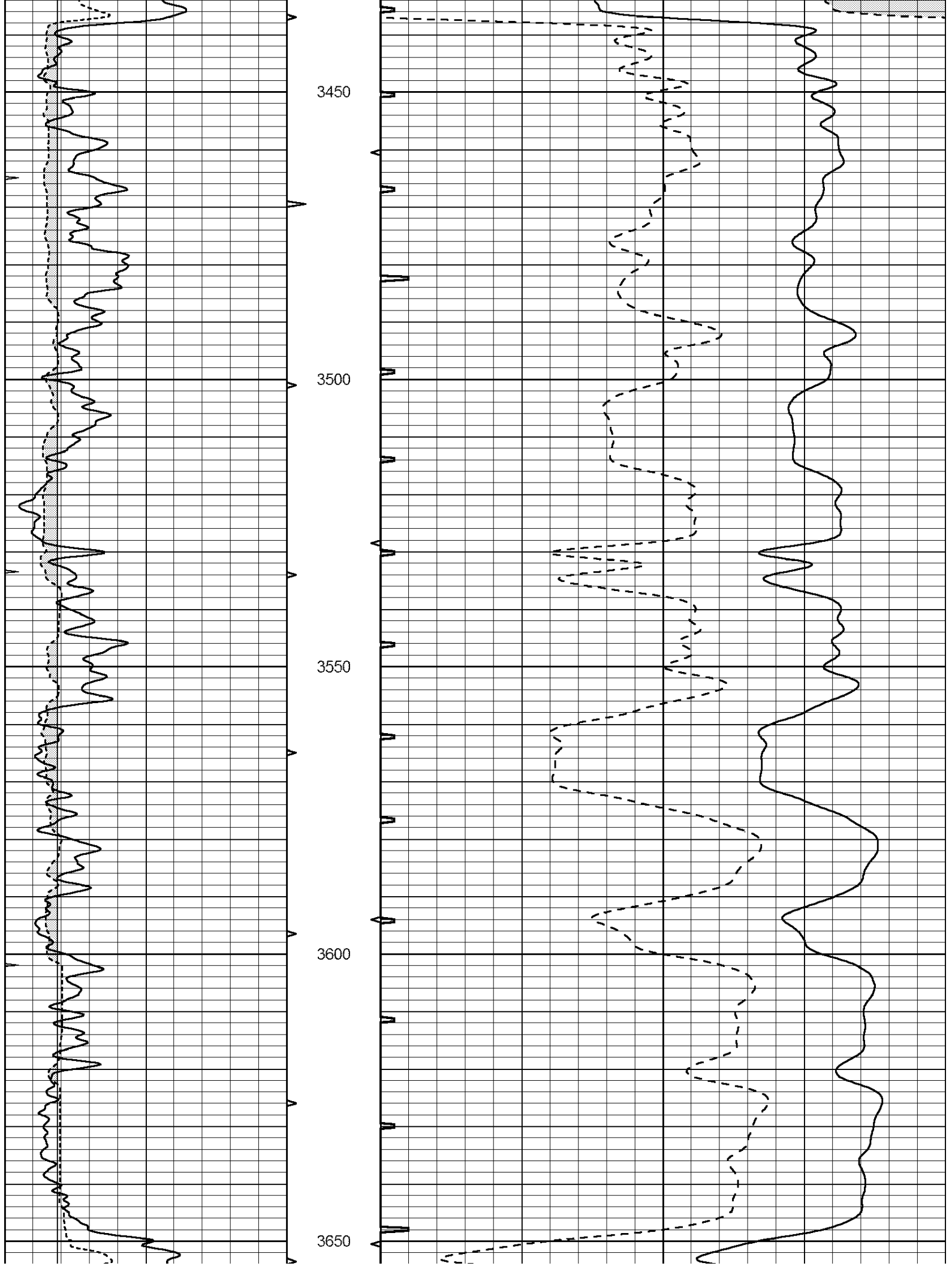
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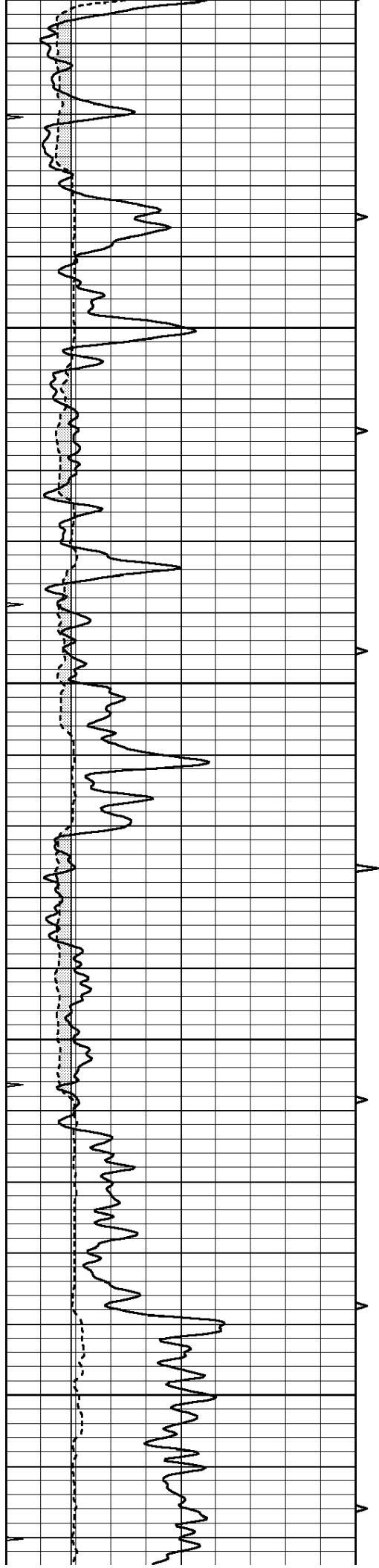
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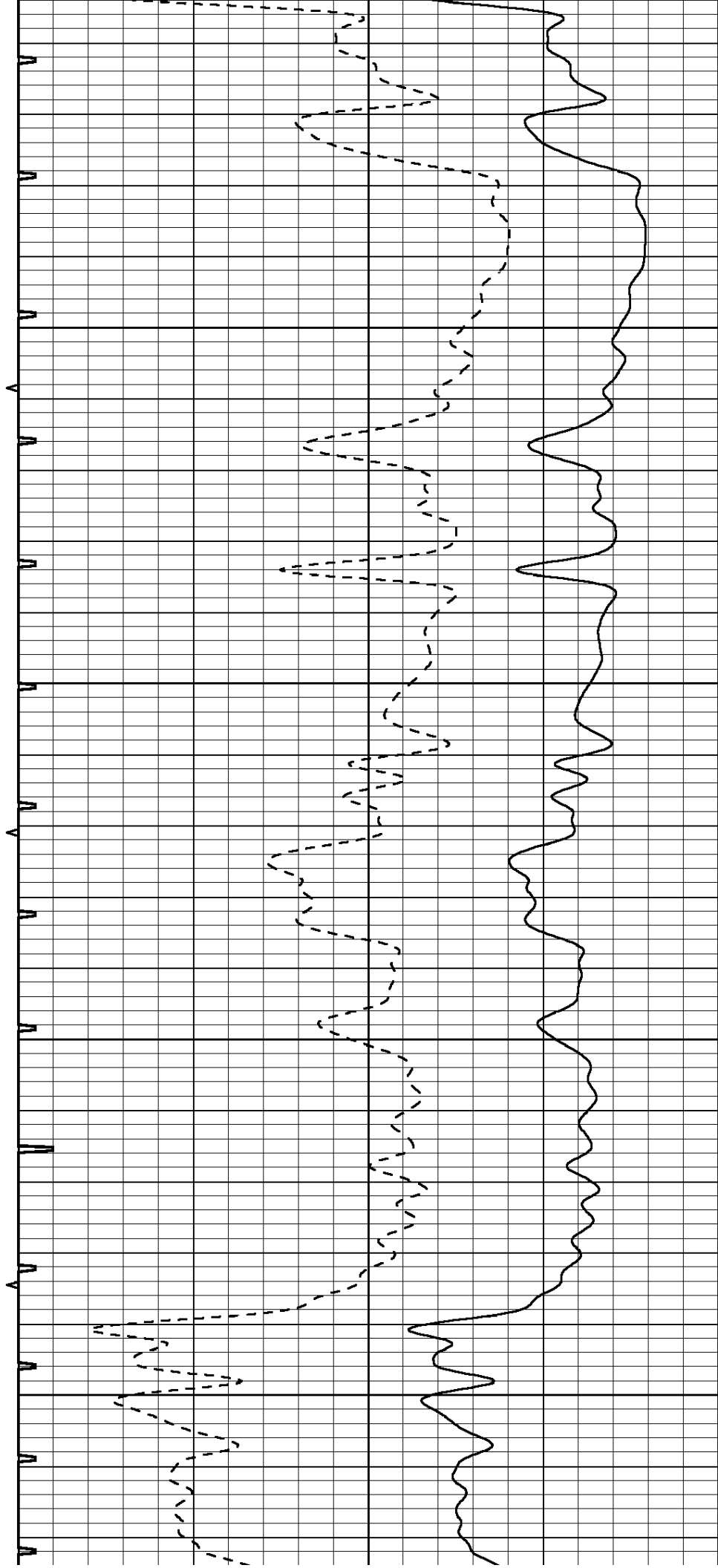


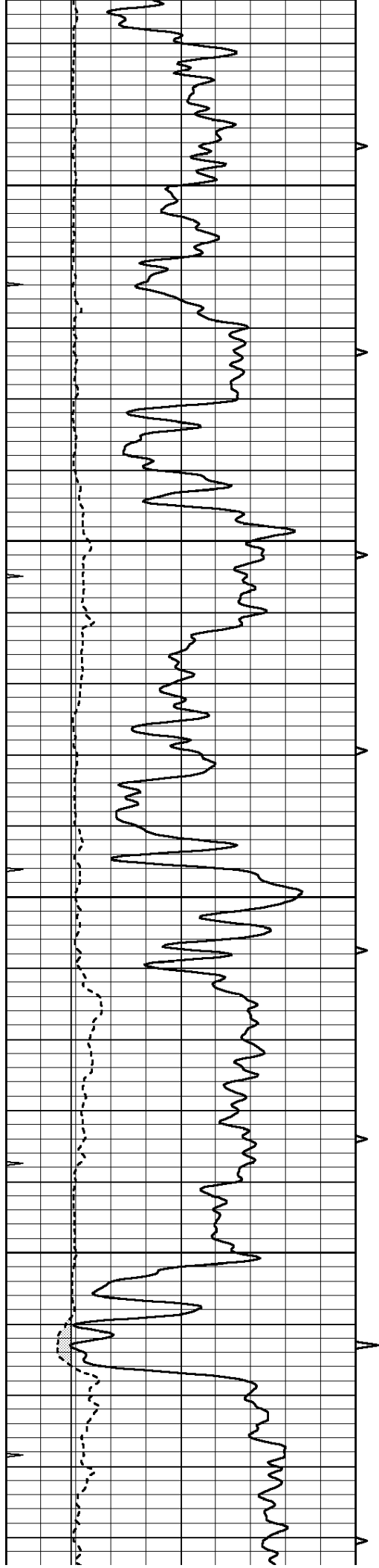
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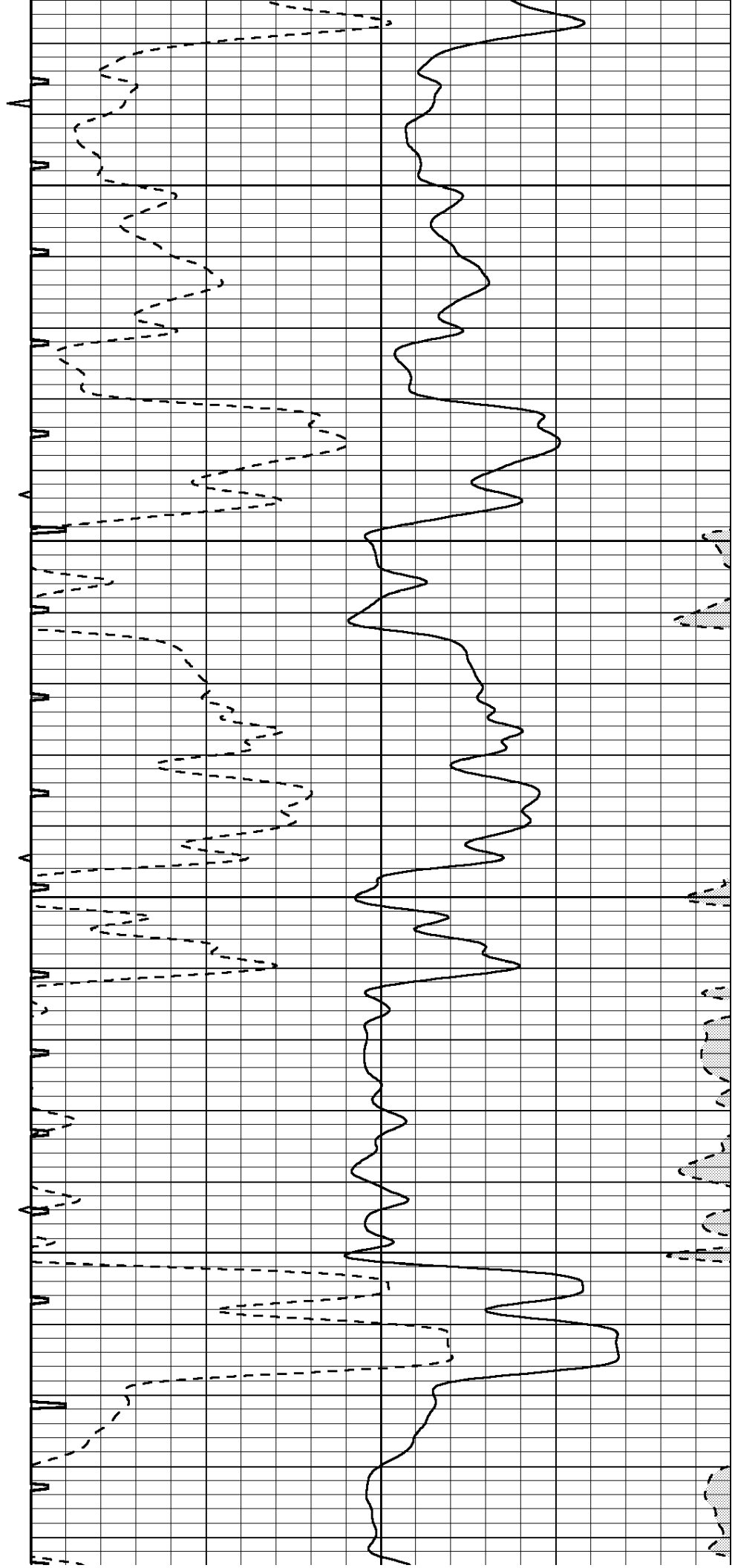


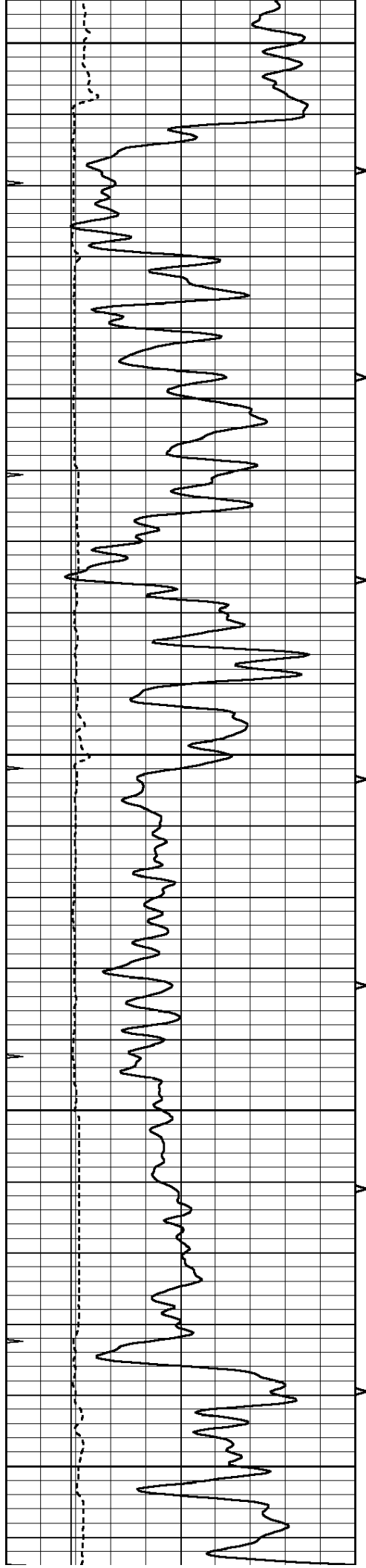
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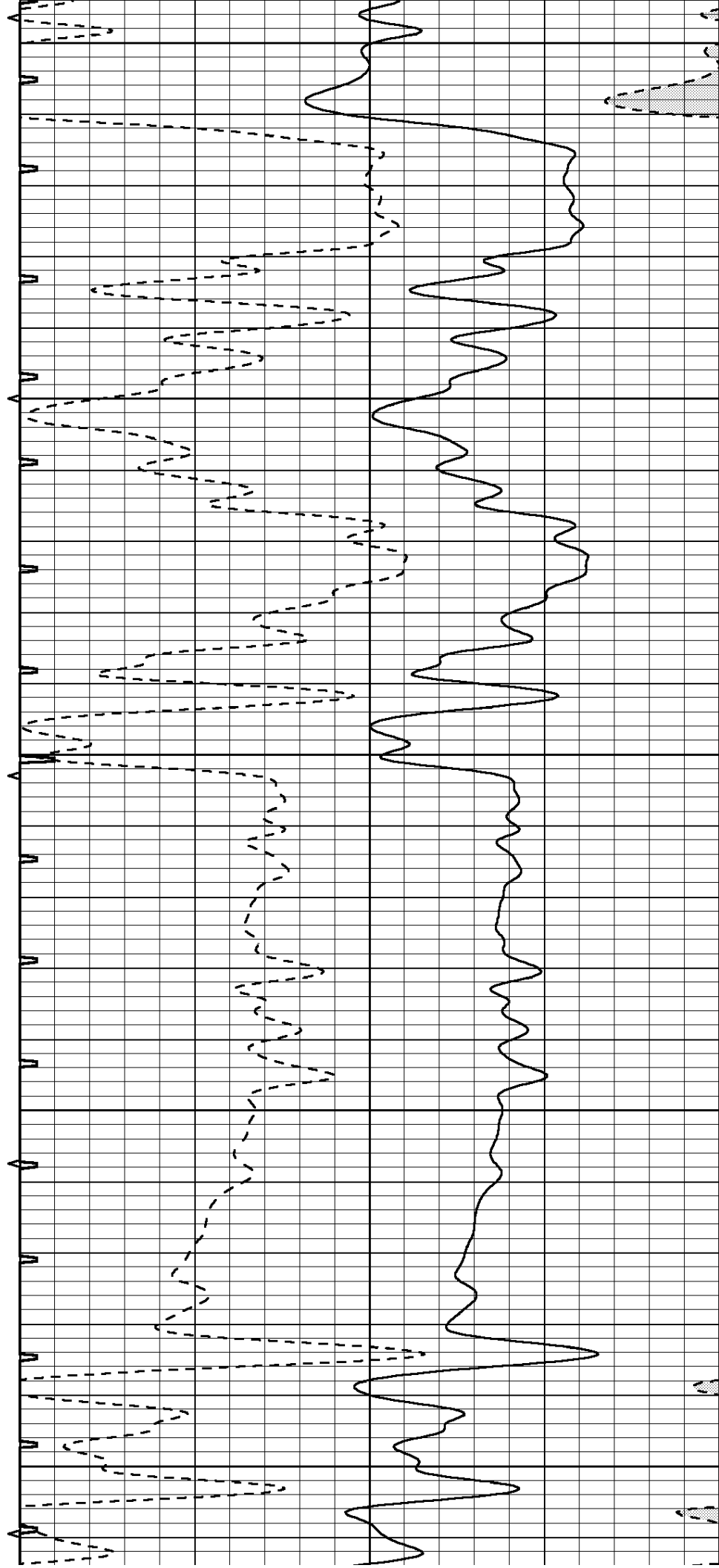
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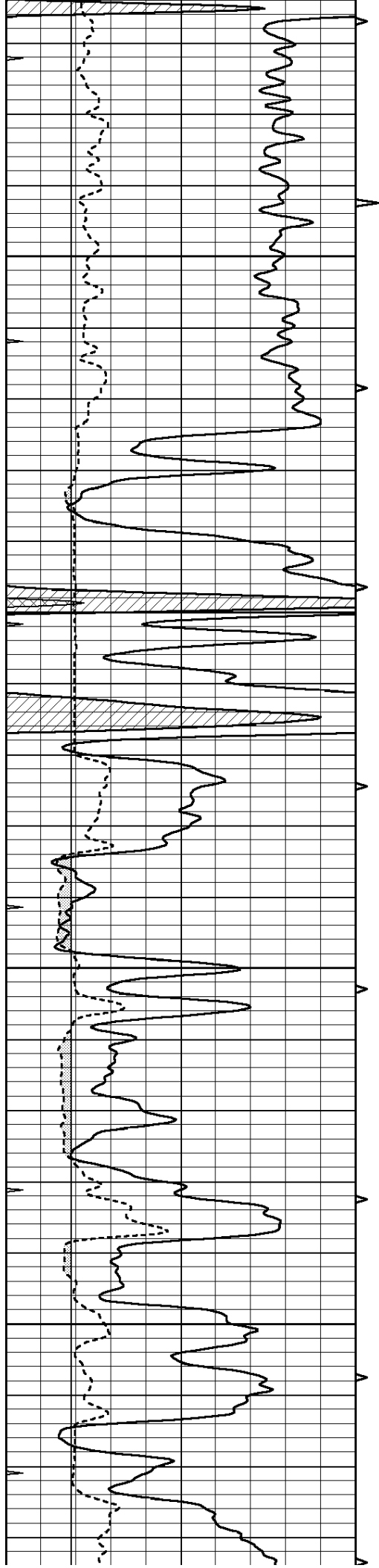
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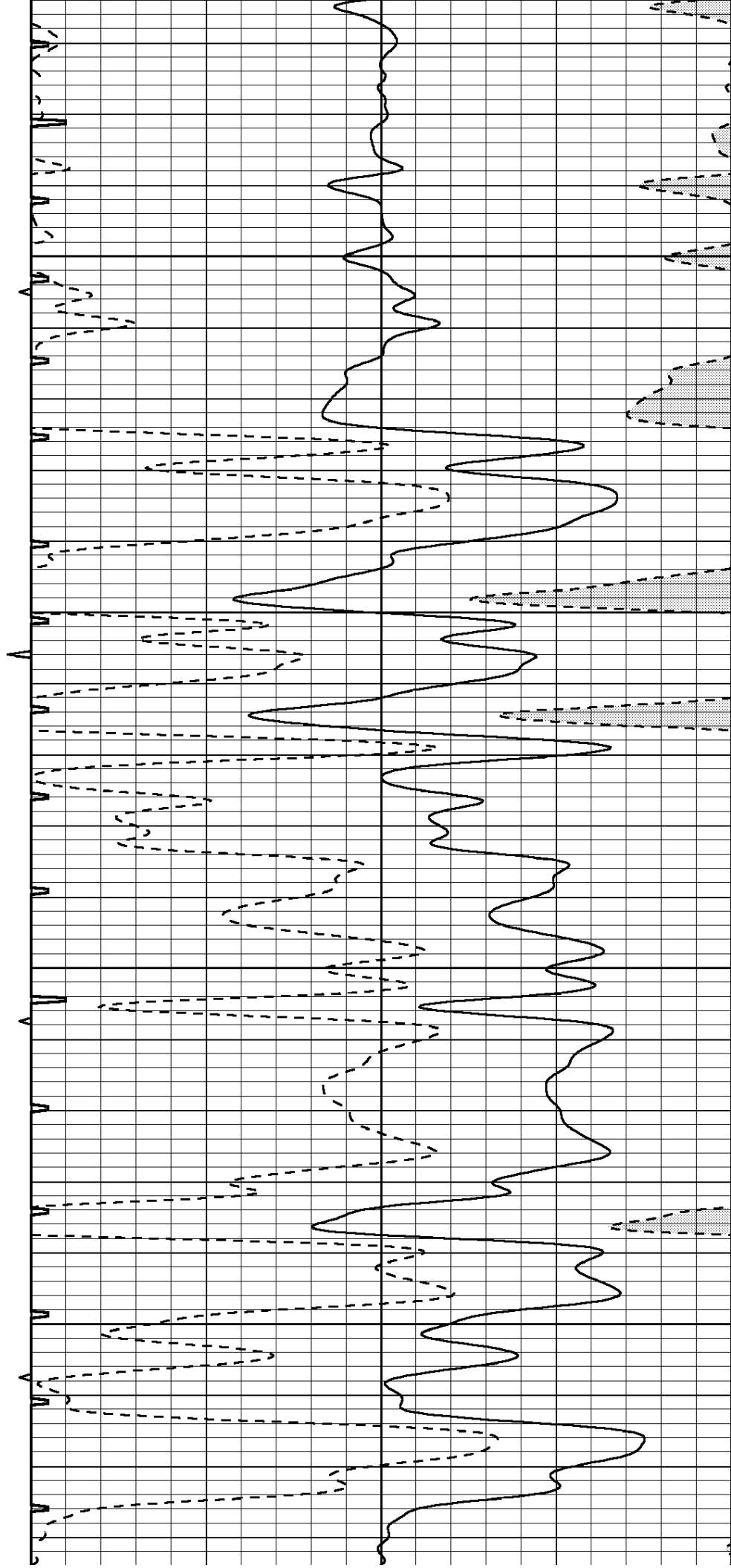


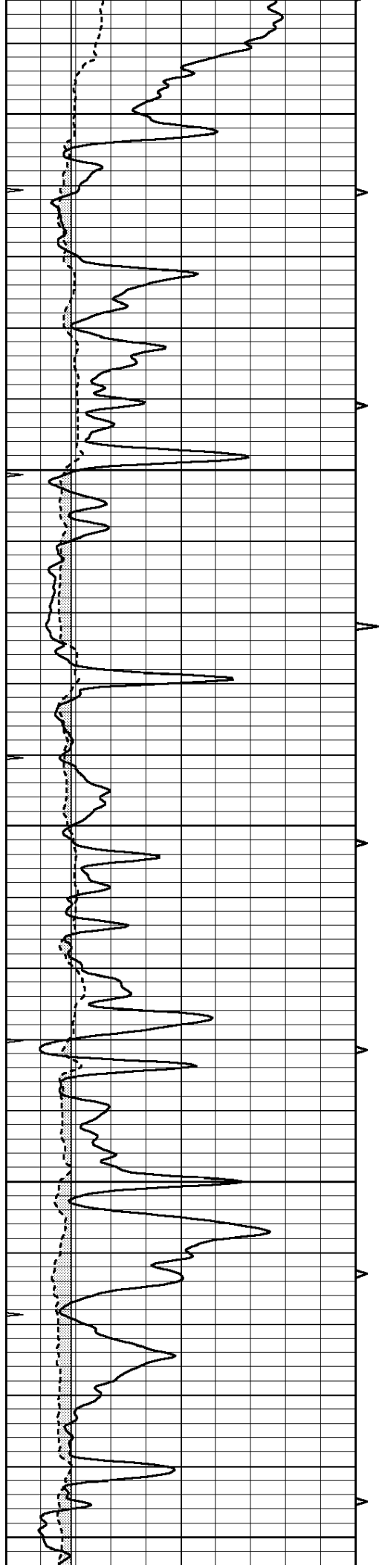
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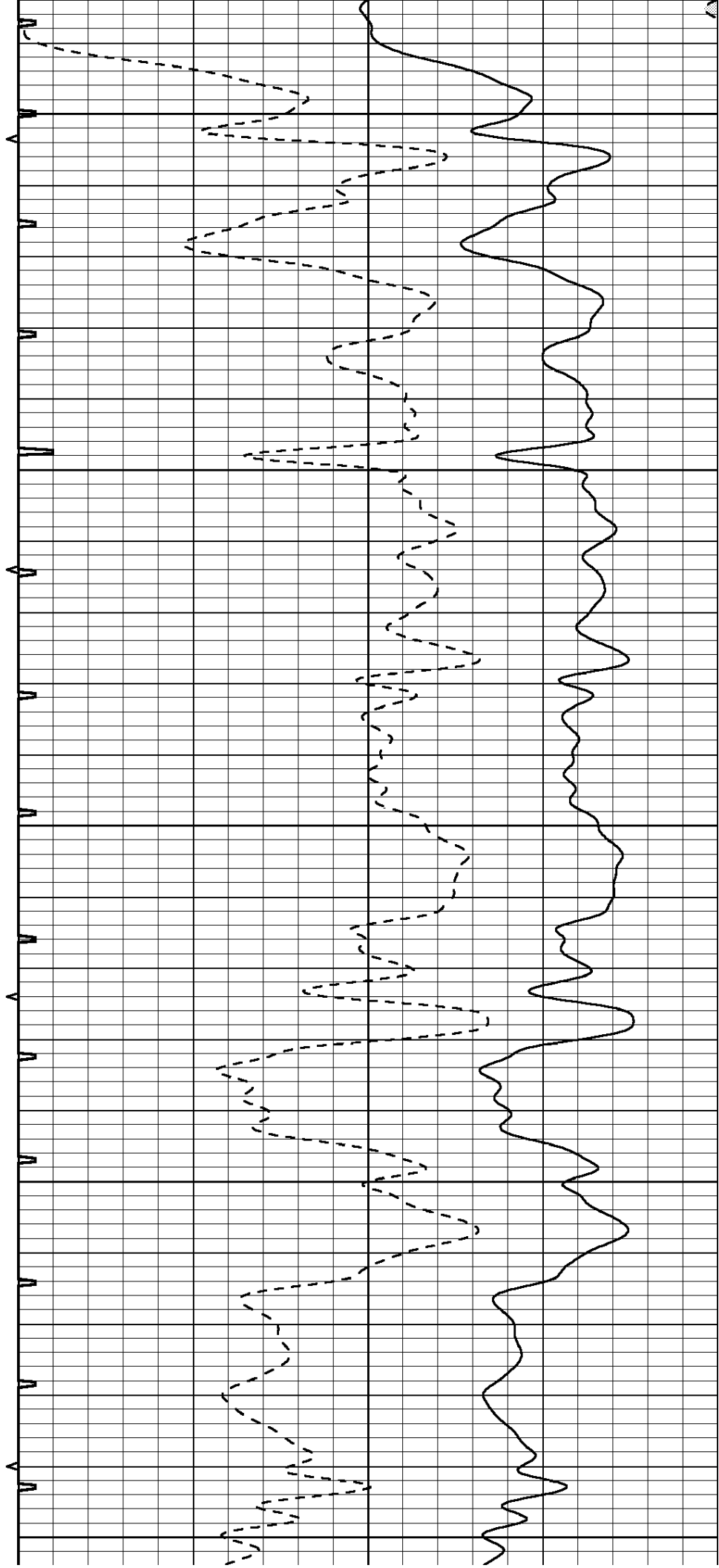
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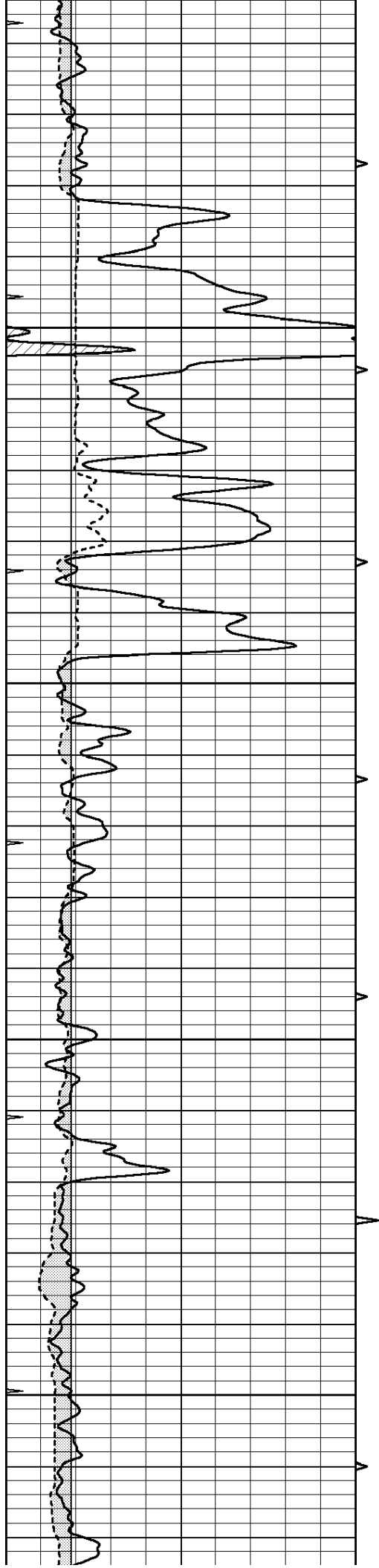
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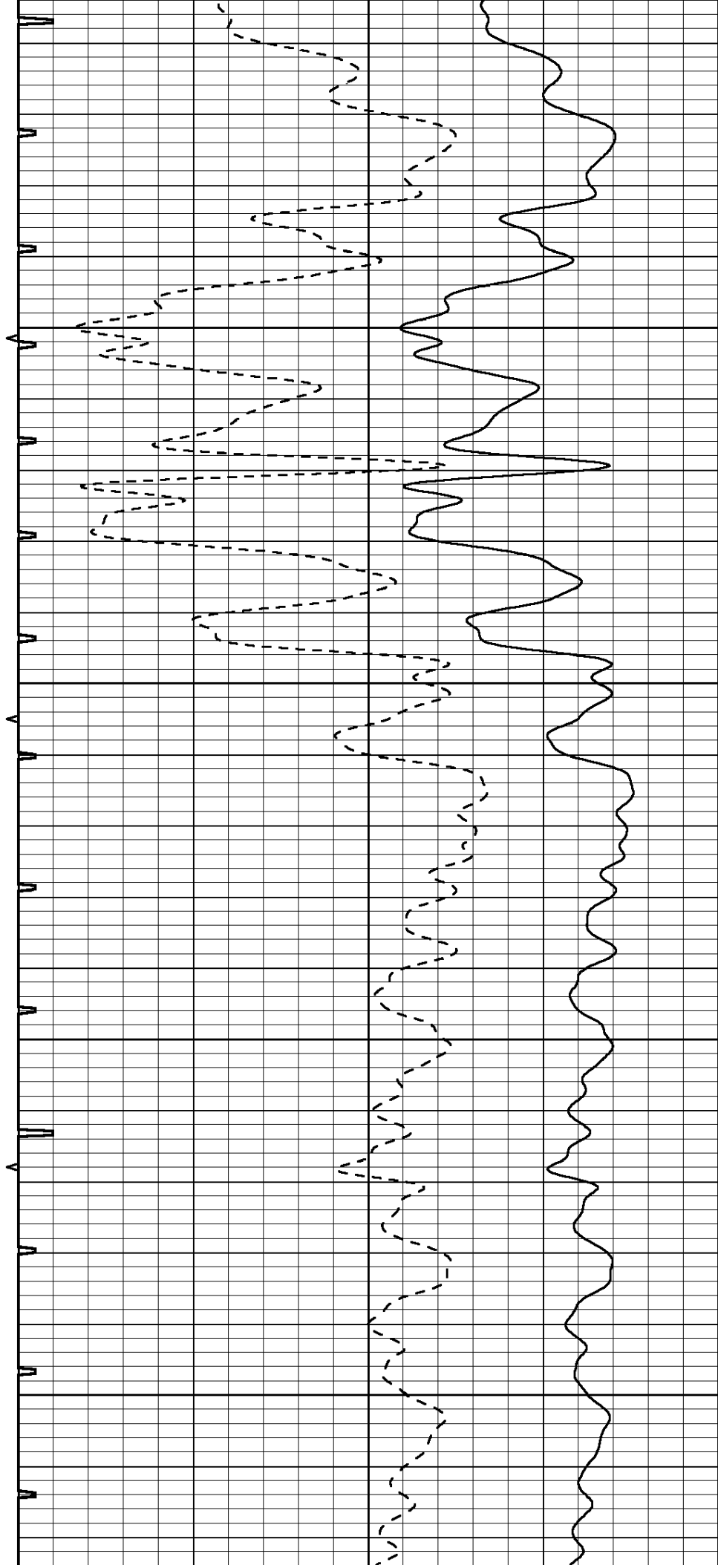


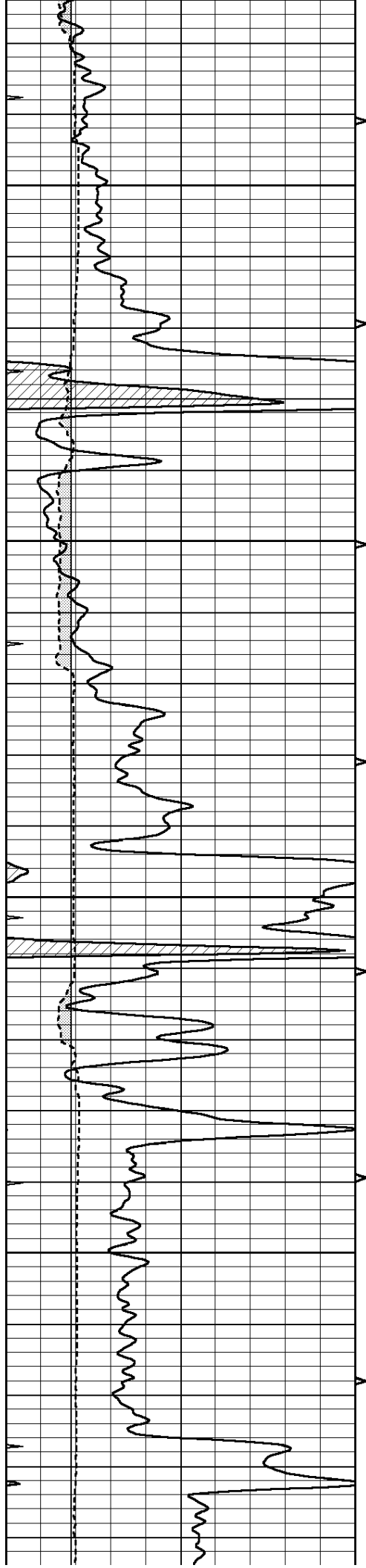
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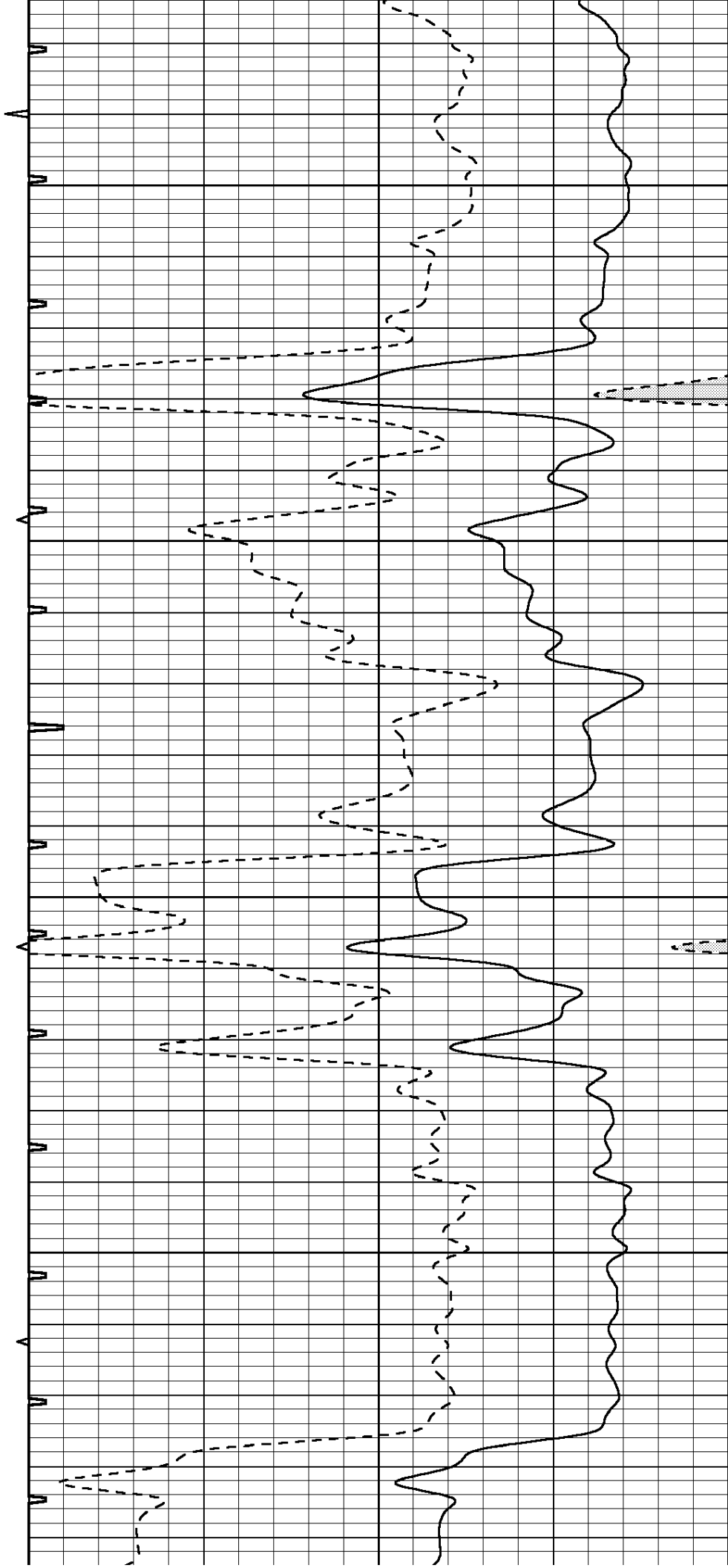


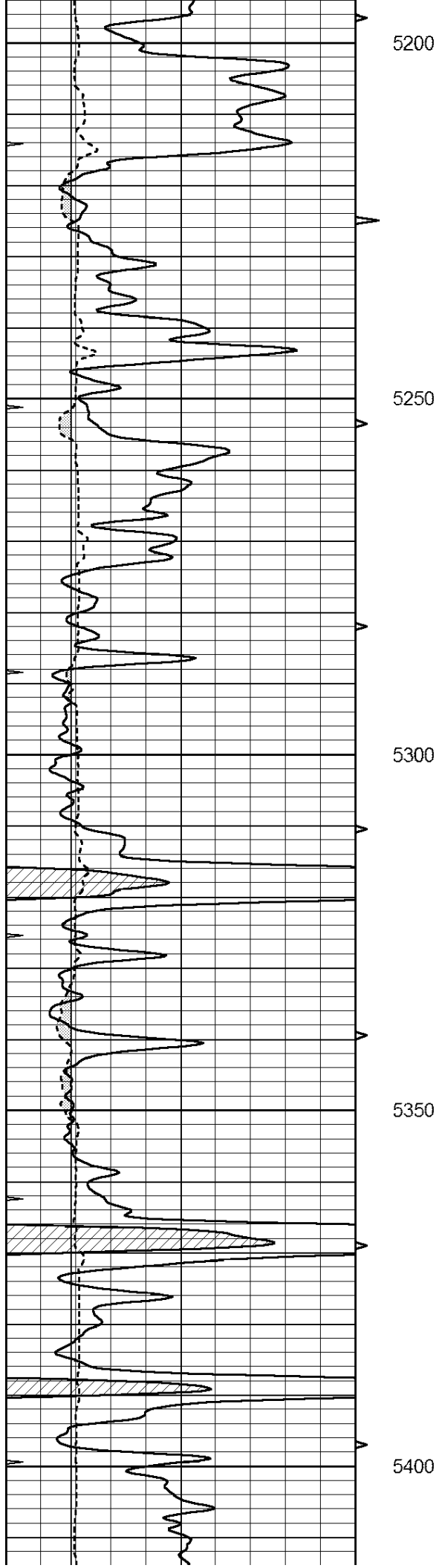
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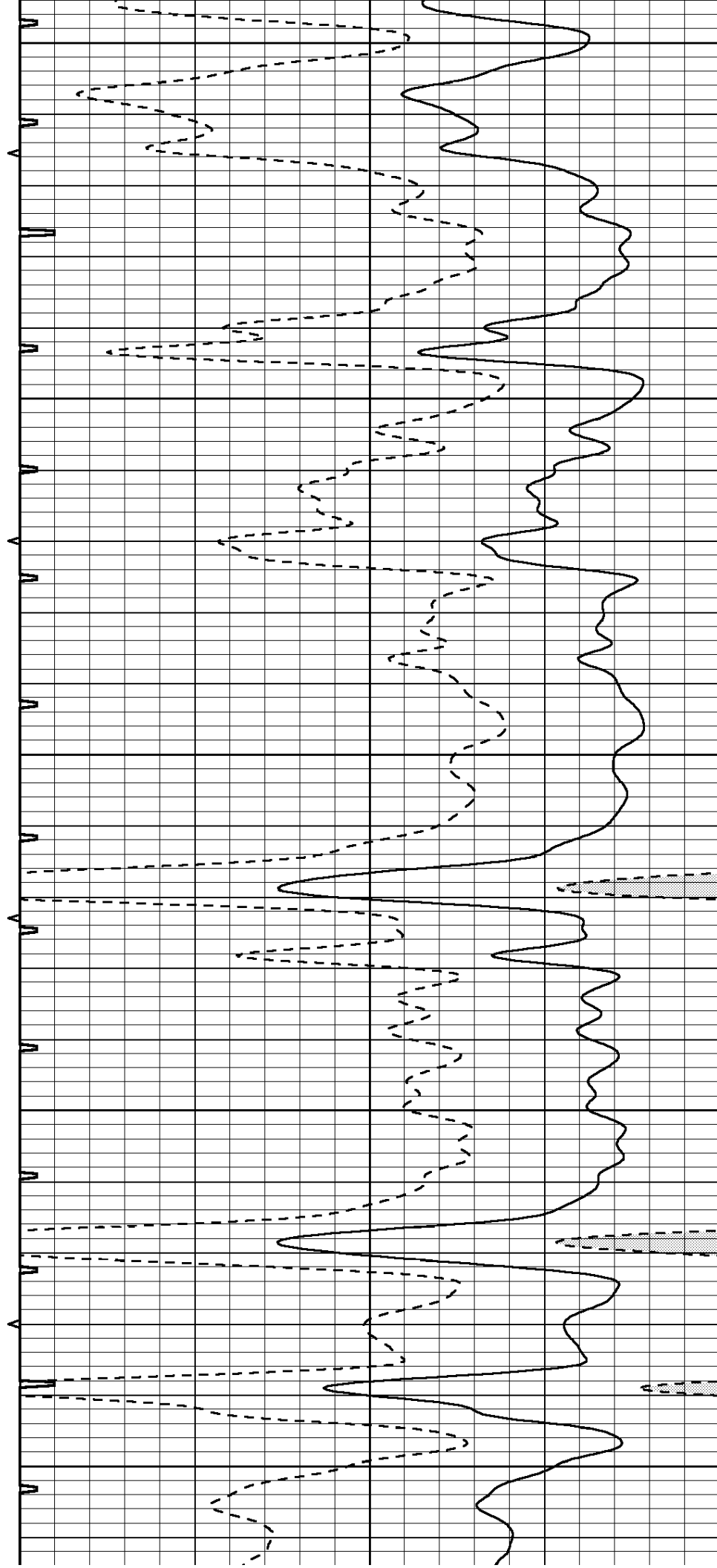
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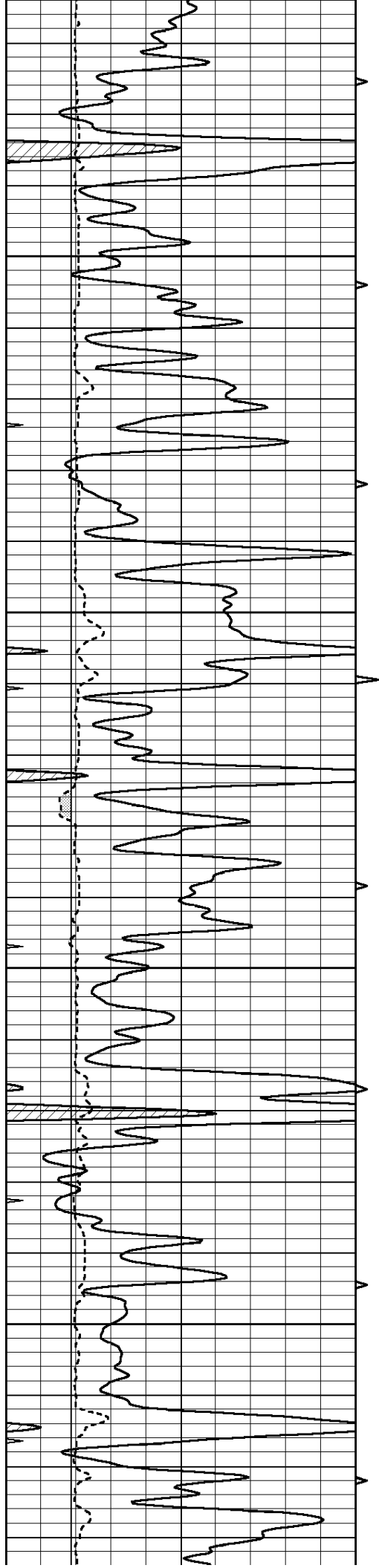
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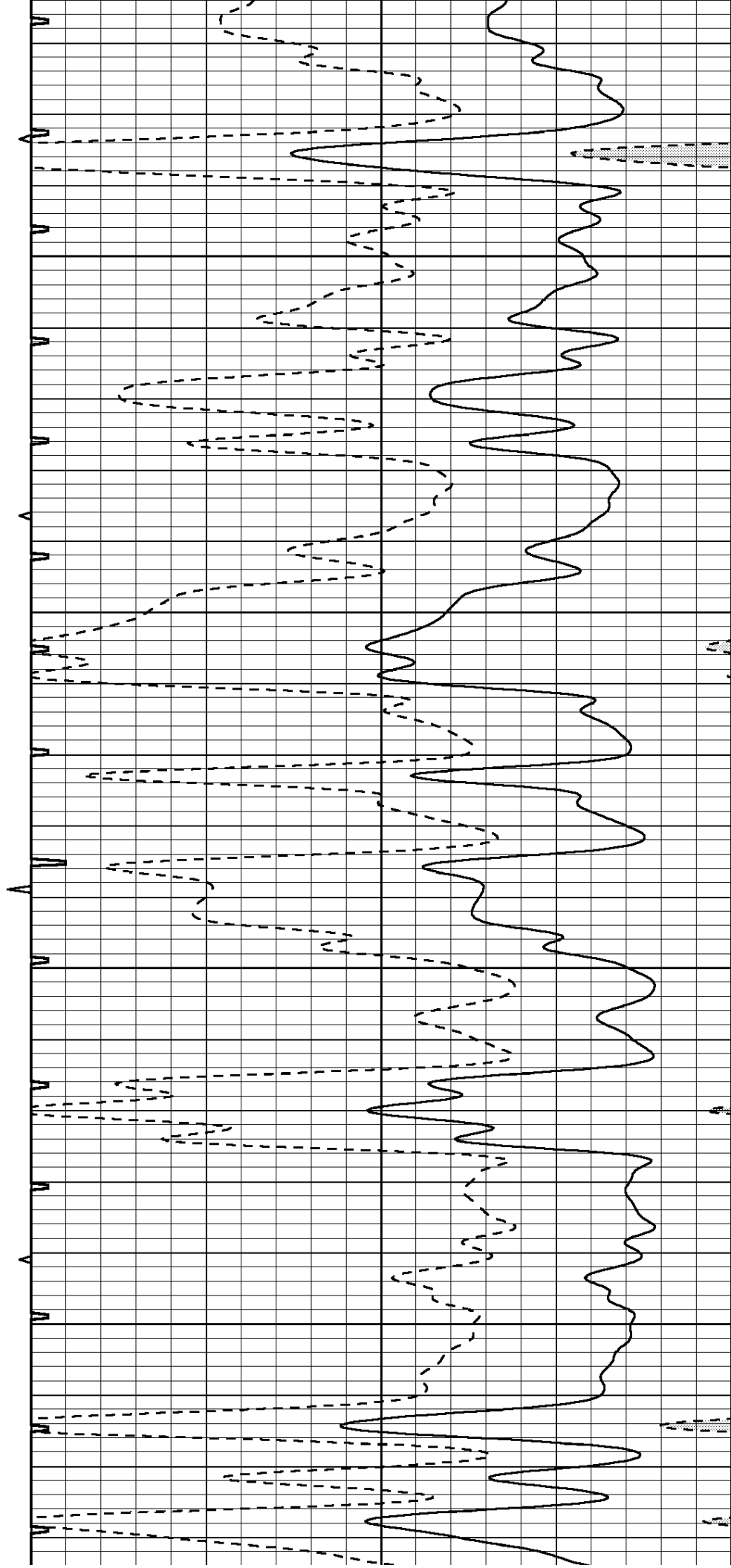


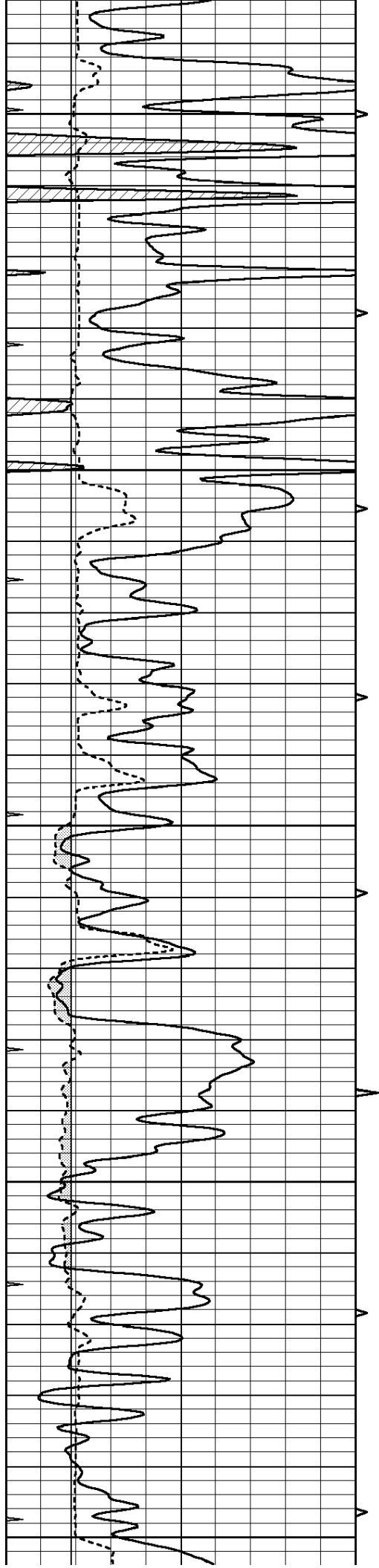
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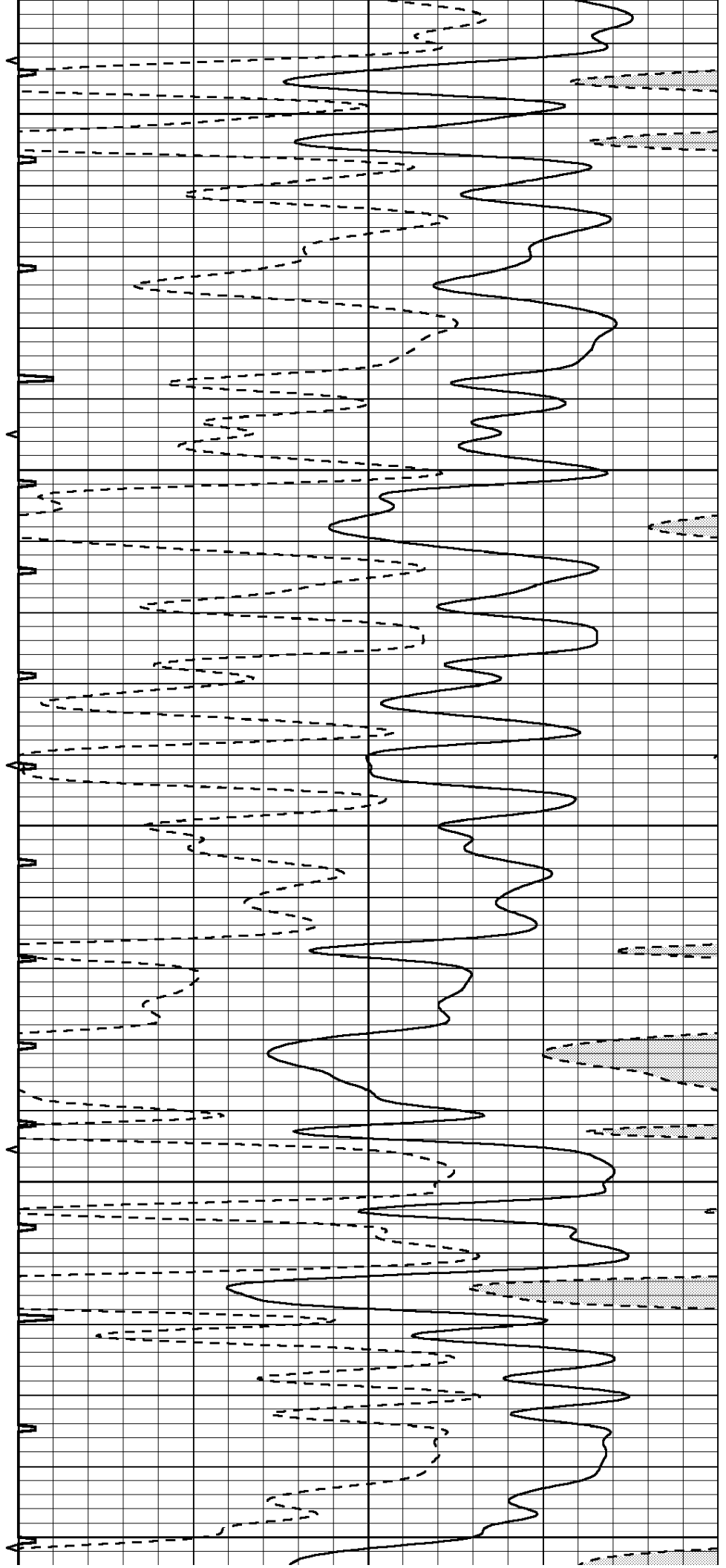
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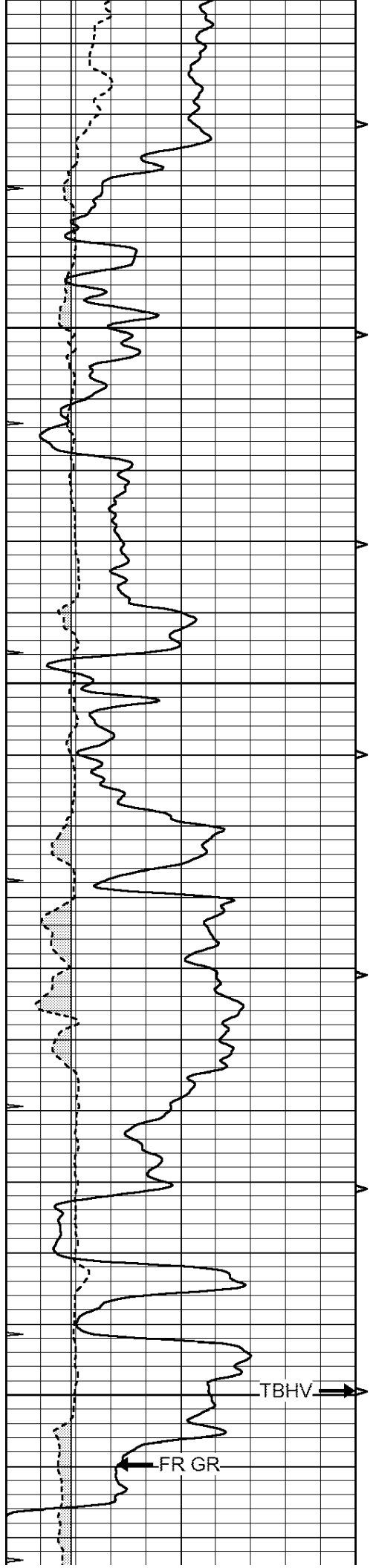
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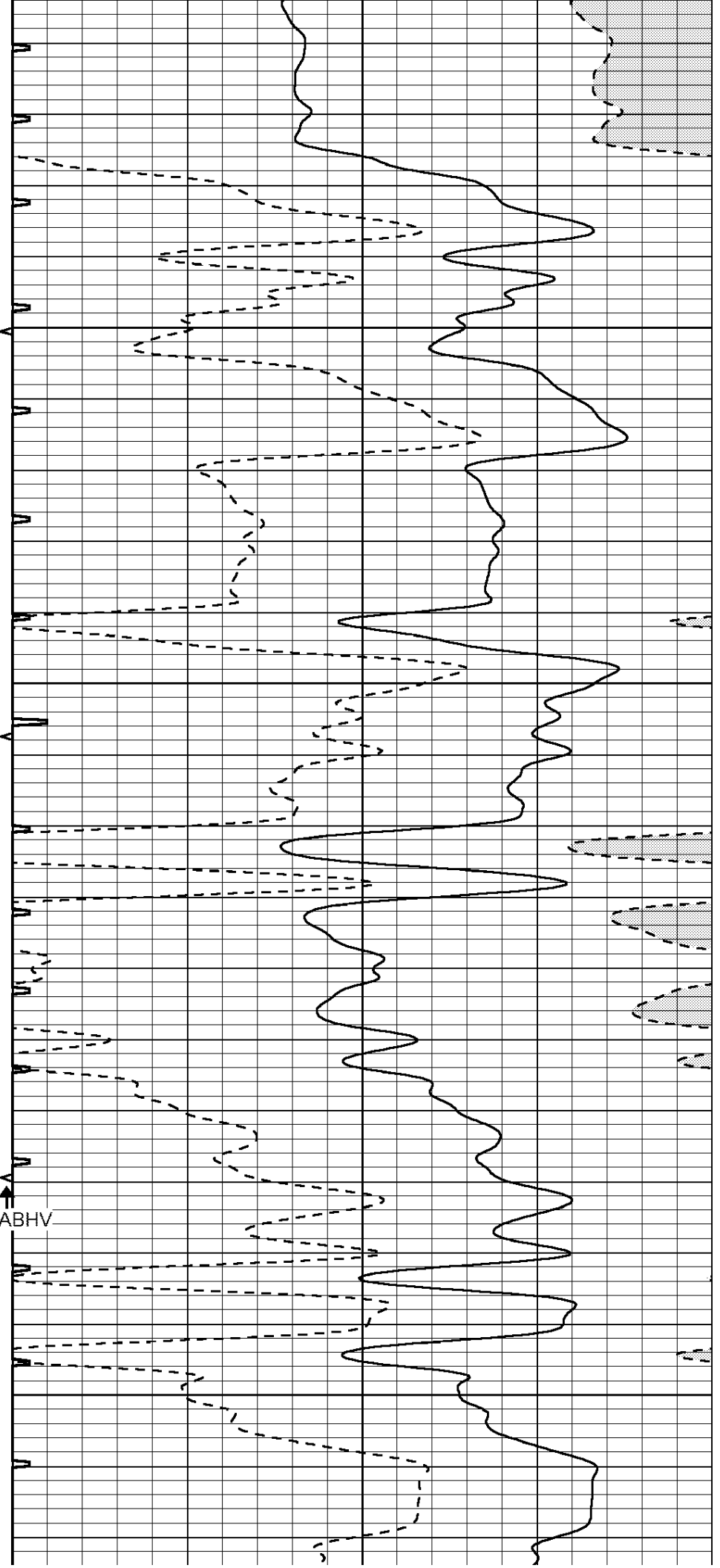
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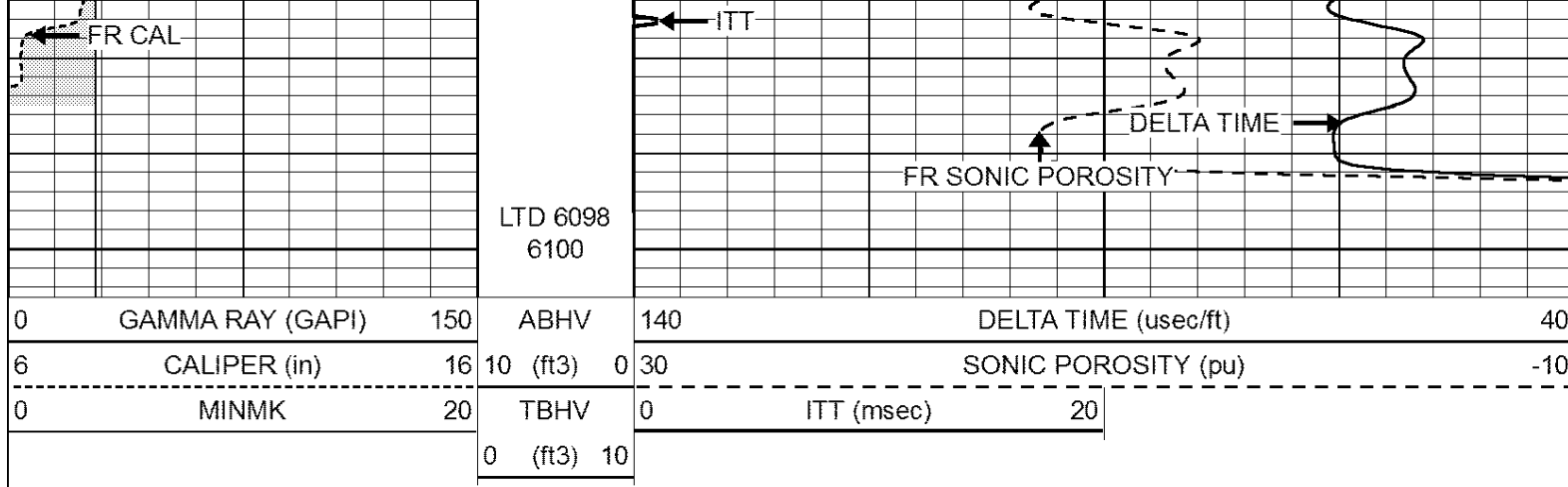
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FR GR

TBHV

5.5" ABHV

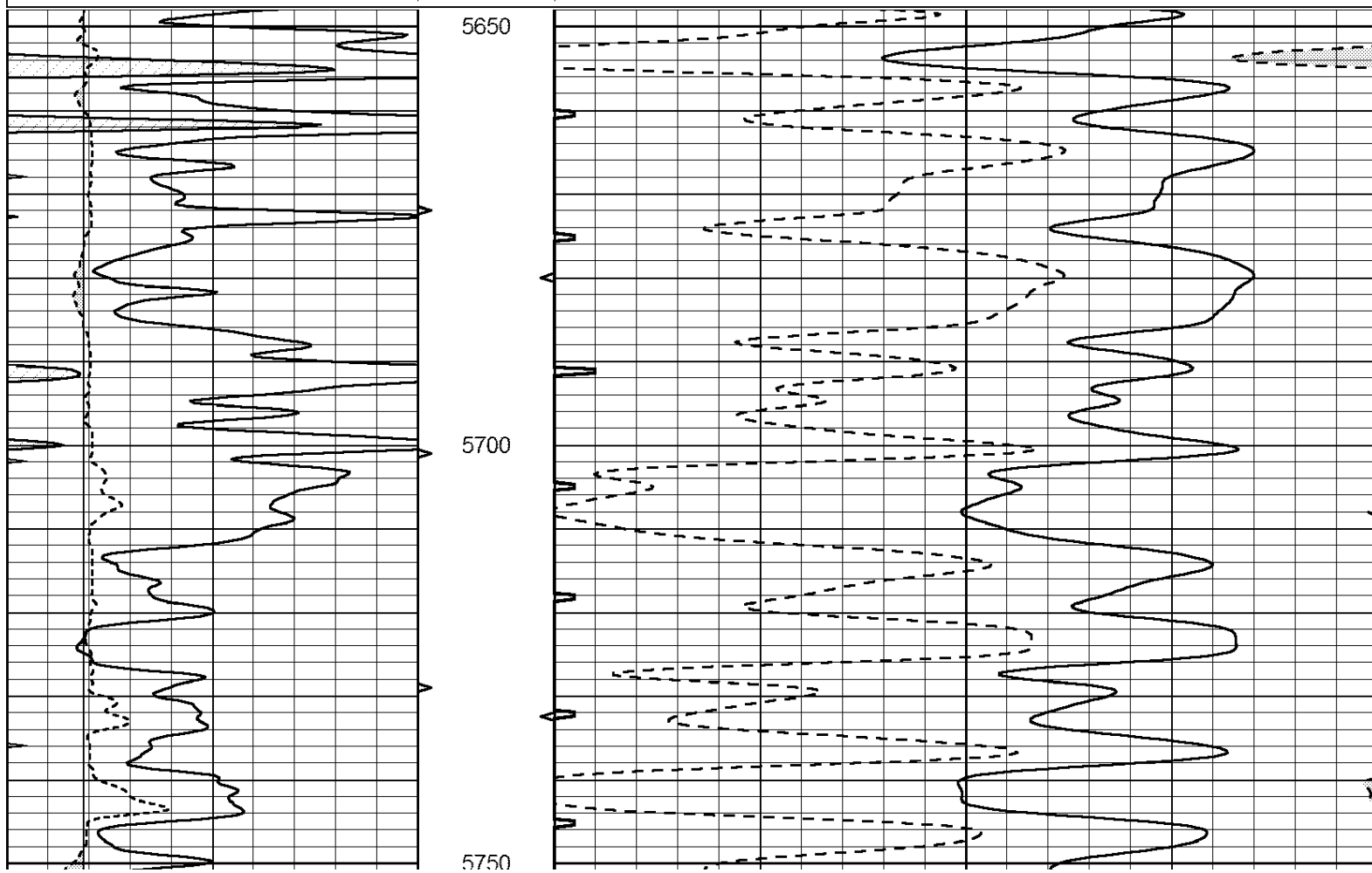


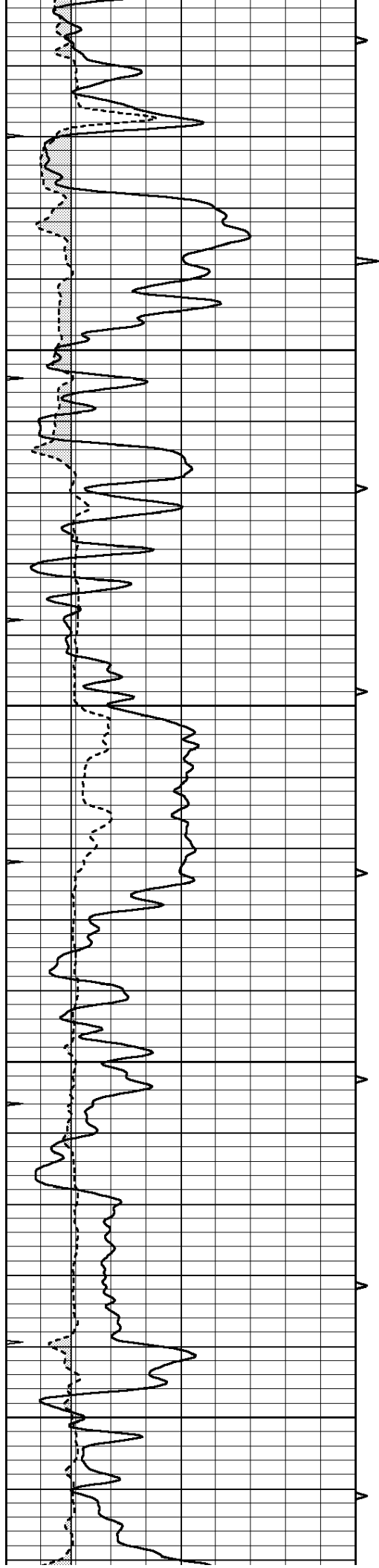


REPEAT SECTION

Database File: 409685pe.db
 Dataset Pathname: pass5.5
 Presentation Format: slt
 Dataset Creation: Mon Oct 01 21:35:32 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			





5800

5850

5900

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