



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company	LOTUS OPERATING CO., LLC.		
Well	#1 PIESTER D		
Field	SOLDIER CREEK		
County	KIOWA	State	KANSAS
Location:	API # : 15-097-21774-00-00 NW - NE - NW		Other Services CDL/CDN/PE DIL/MEL
Permanent Datum Log Measured From Drilling Measured From	SEC 25 TWP 29S RGE 16W GROUND LEVEL KELLY BUSHING 13' A.G.L. KELLY BUSHING	Elevation K.B. 1991 D.F. 1989 G.L. 1978	
Date	11/16/13		
Run Number	TWO		
Depth Driller	5025		
Depth Logger	5029		
Bottom Logged Interval	5018		
Top Log Interval	250		
Casing Driller	10 3/4"@274'		
Casing Logger	272		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,000 PPM	
Density / Viscosity	9.4/48		
pH / Fluid Loss	10.5/9.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.5@80F		
Rmf @ Meas. Temp	1.13@80F		
Rmc @ Meas. Temp	1.8@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.32@125F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	125F		
Equipment Number	860		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	TIM HELLMAN		

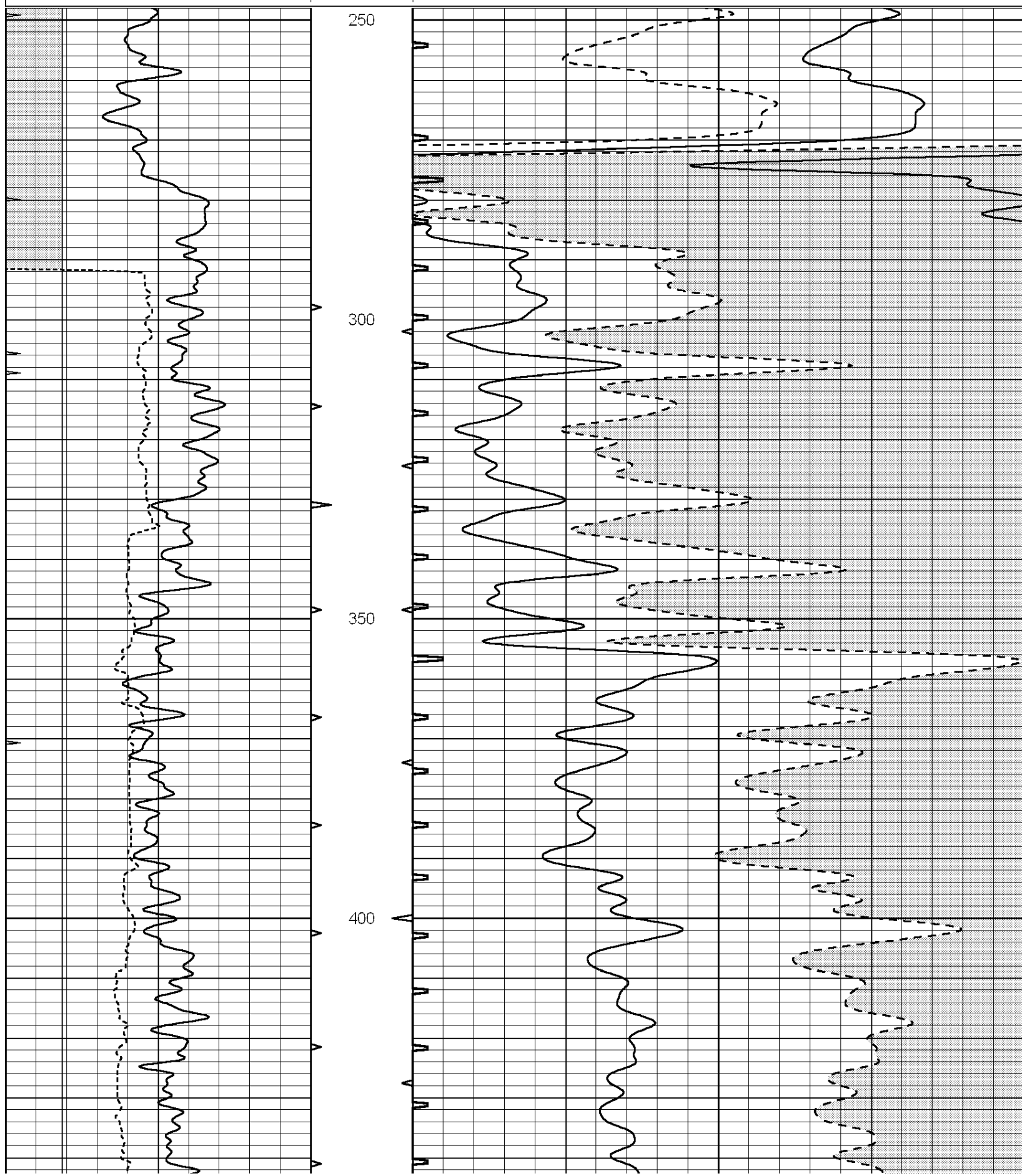
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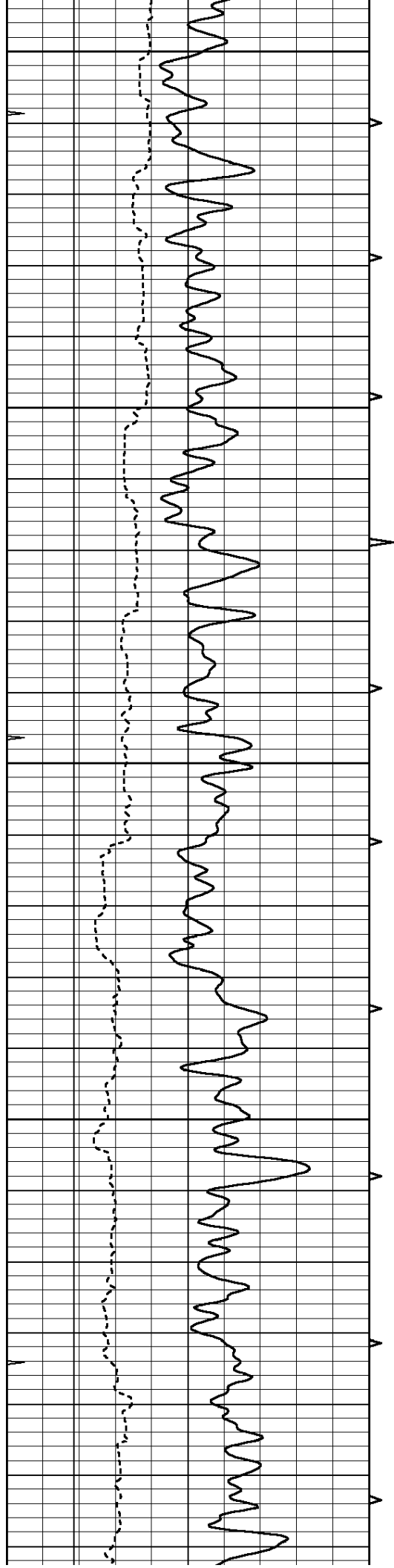
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
CROFT, KS. - JUST NORTH OF GRAIN ELAVATORS 2 WEST SOUTH INTO

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





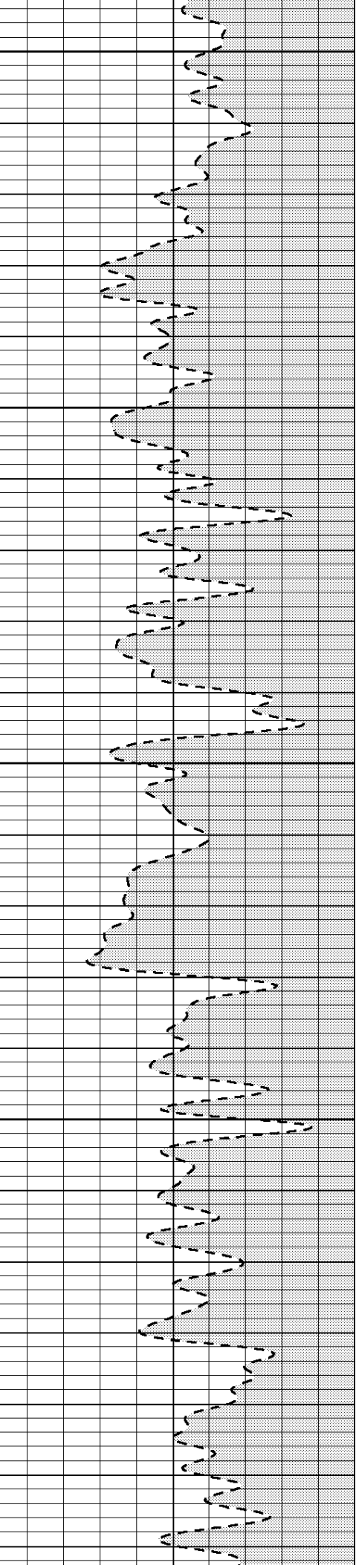
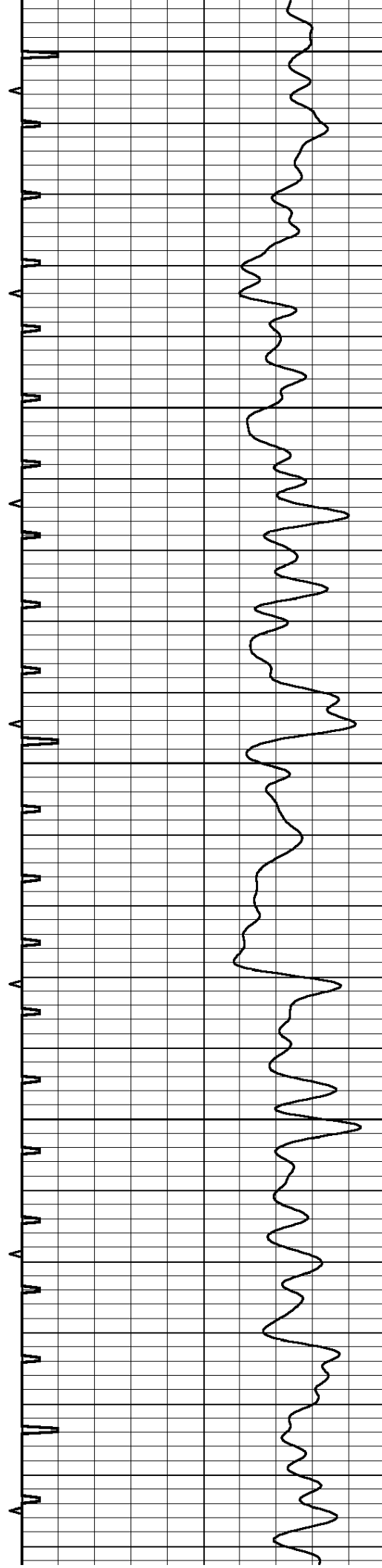
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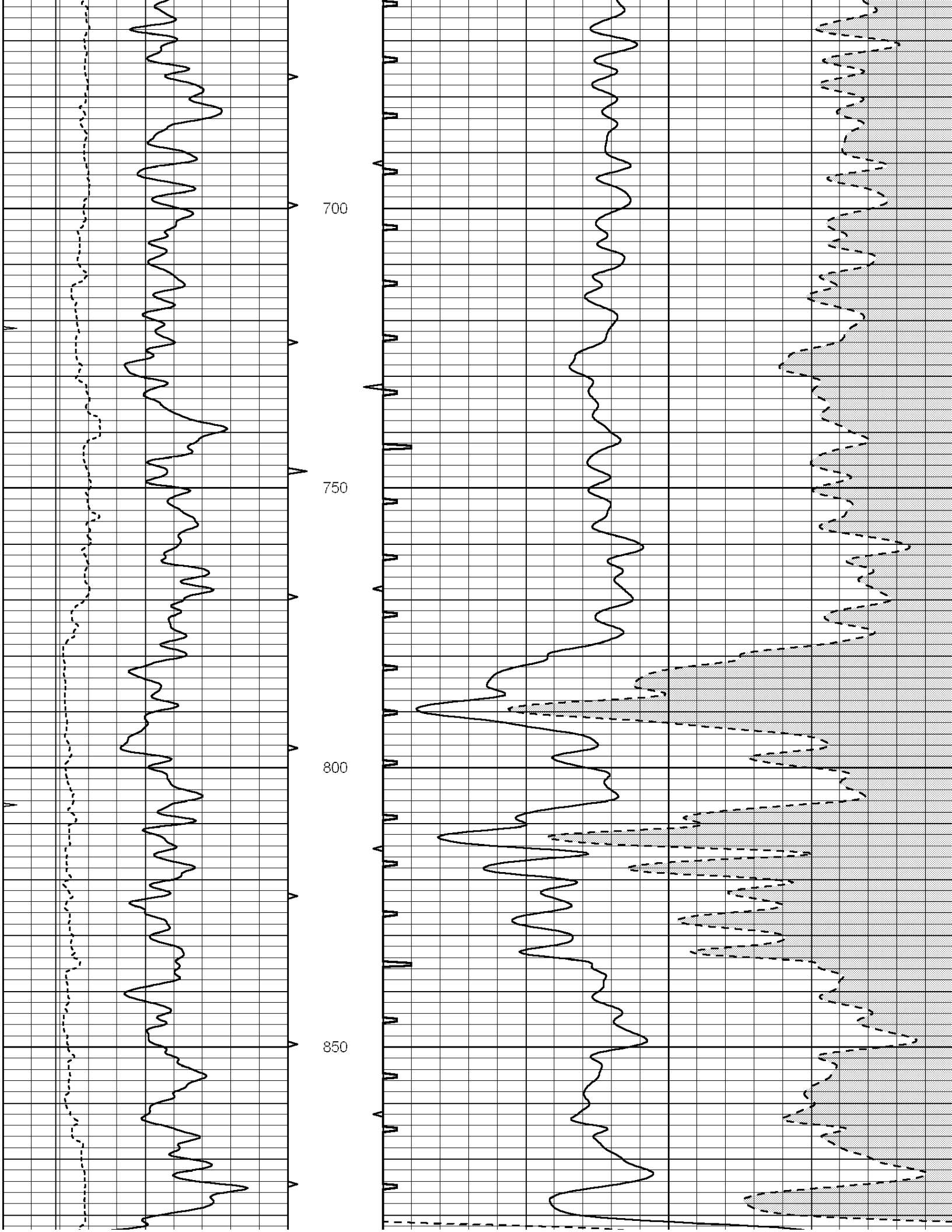
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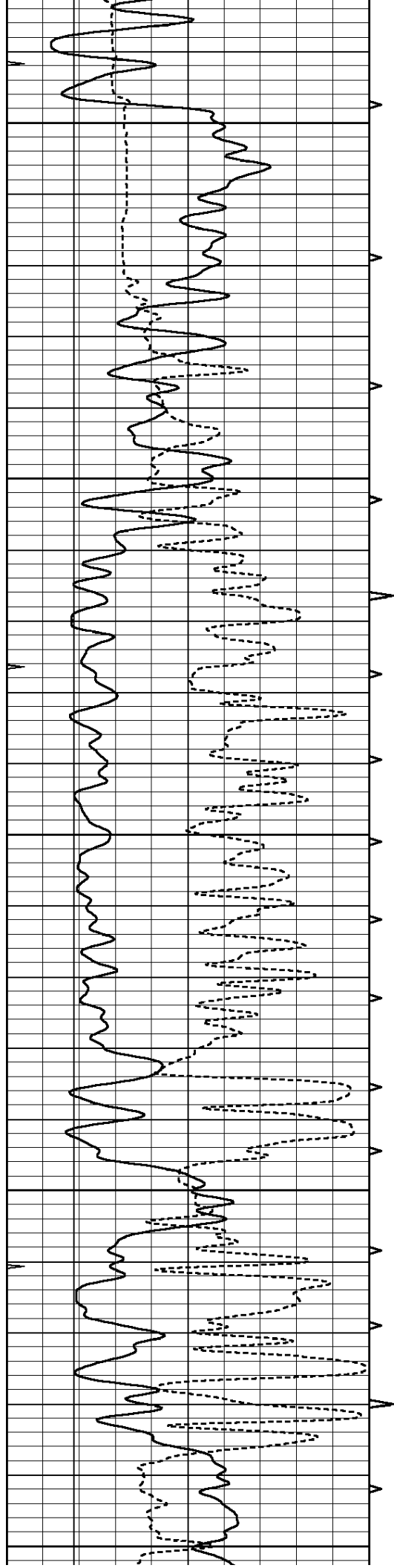
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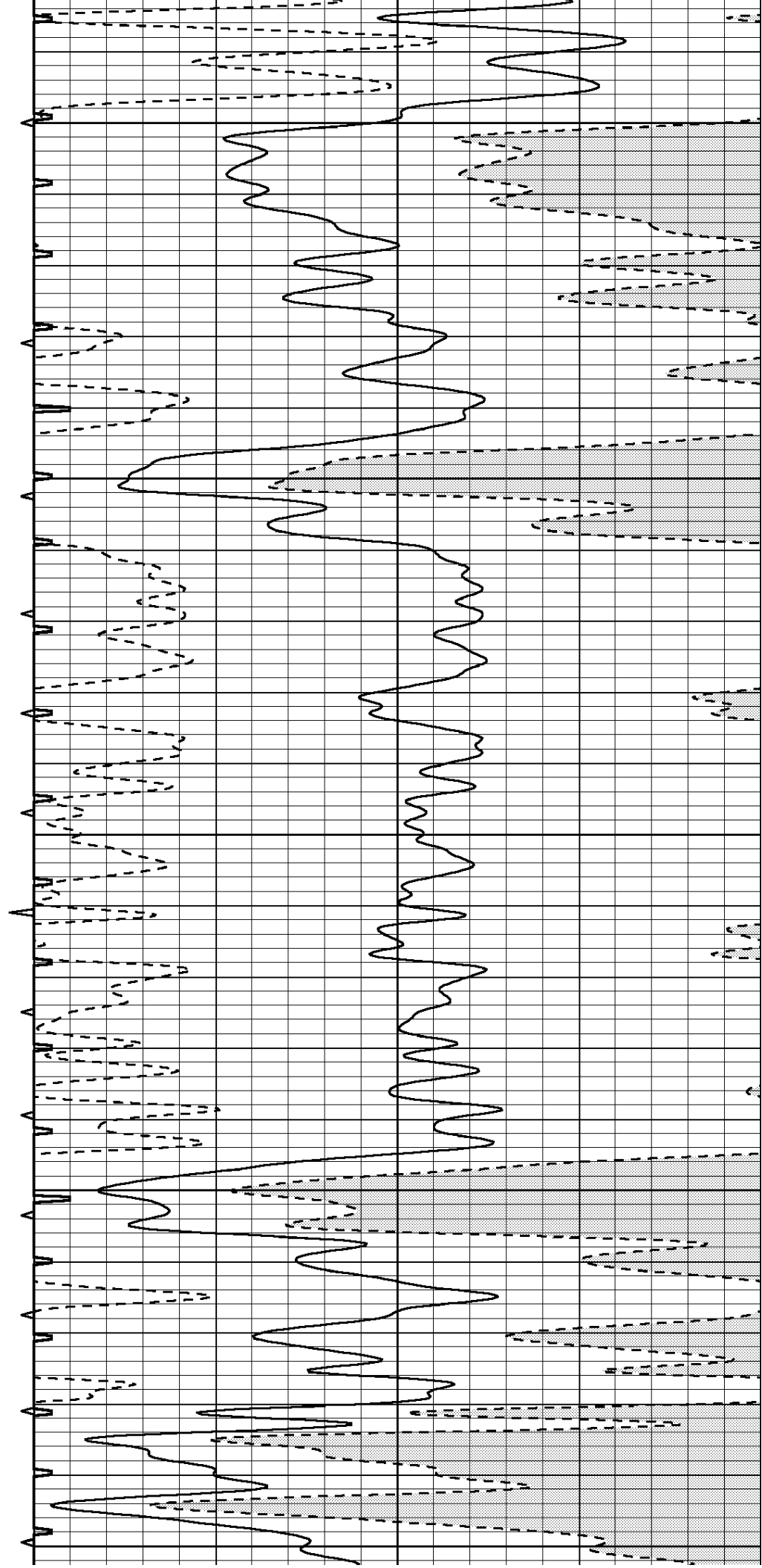
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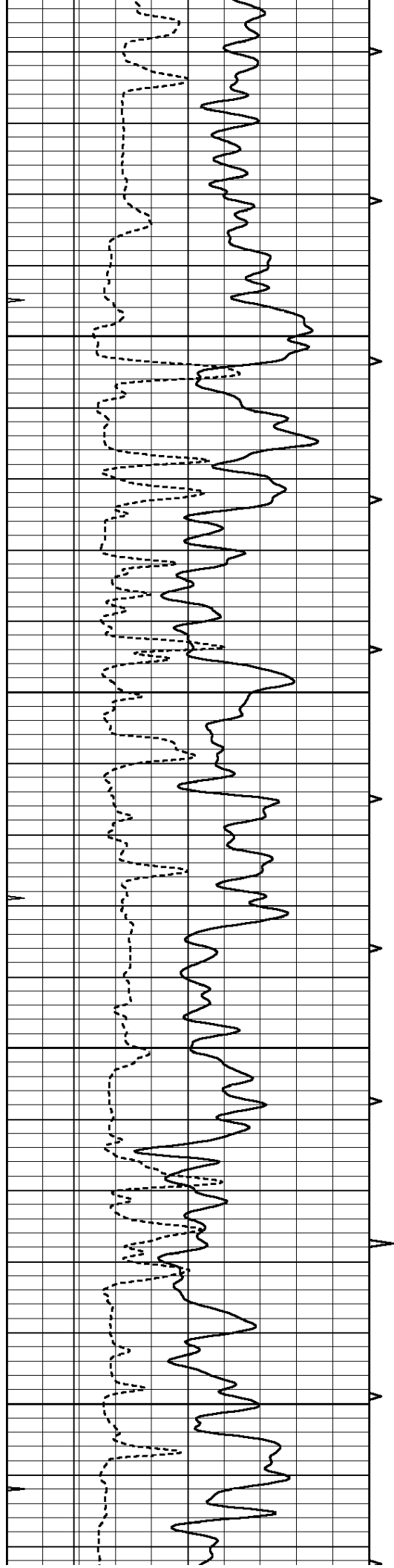
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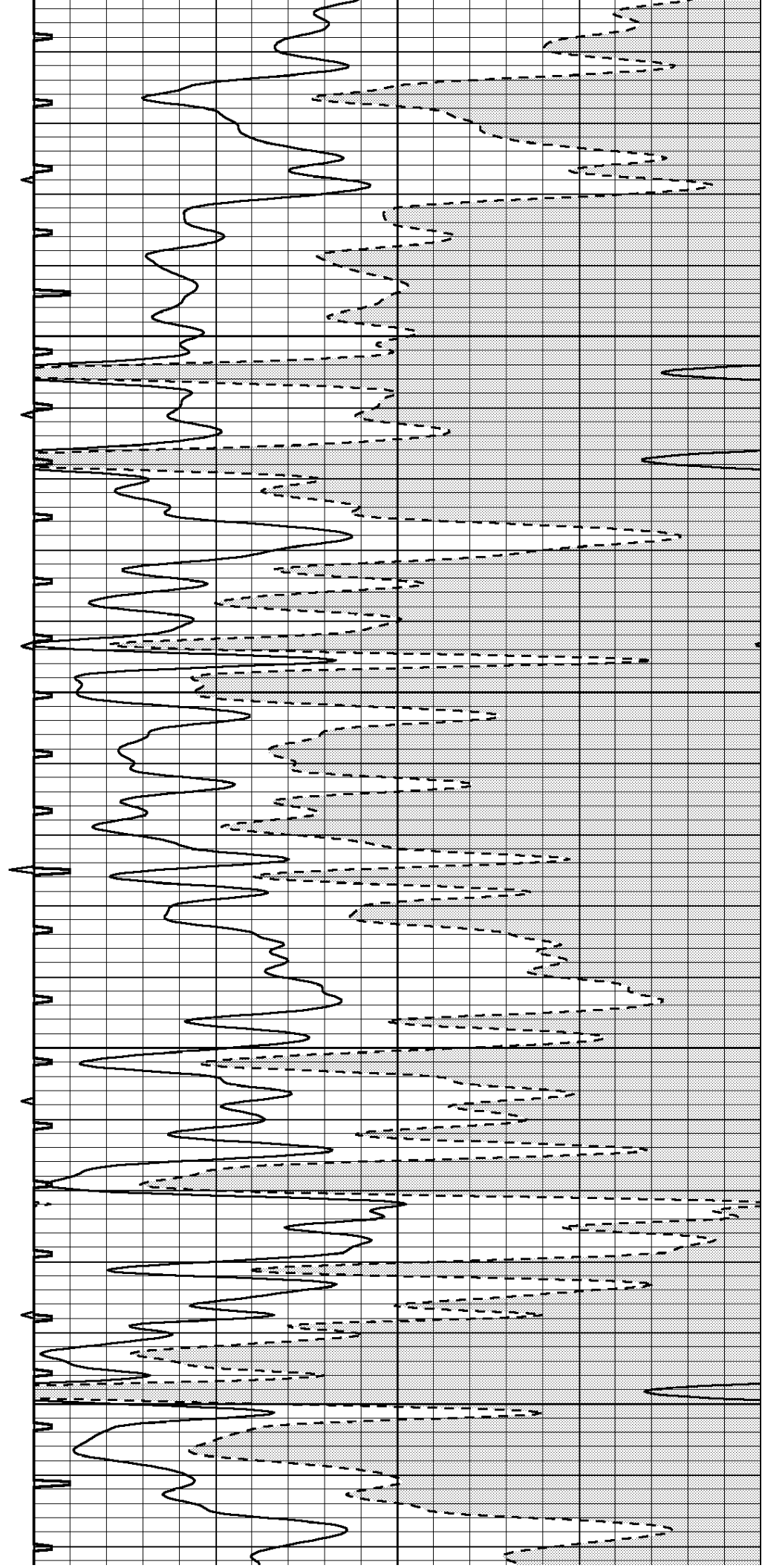


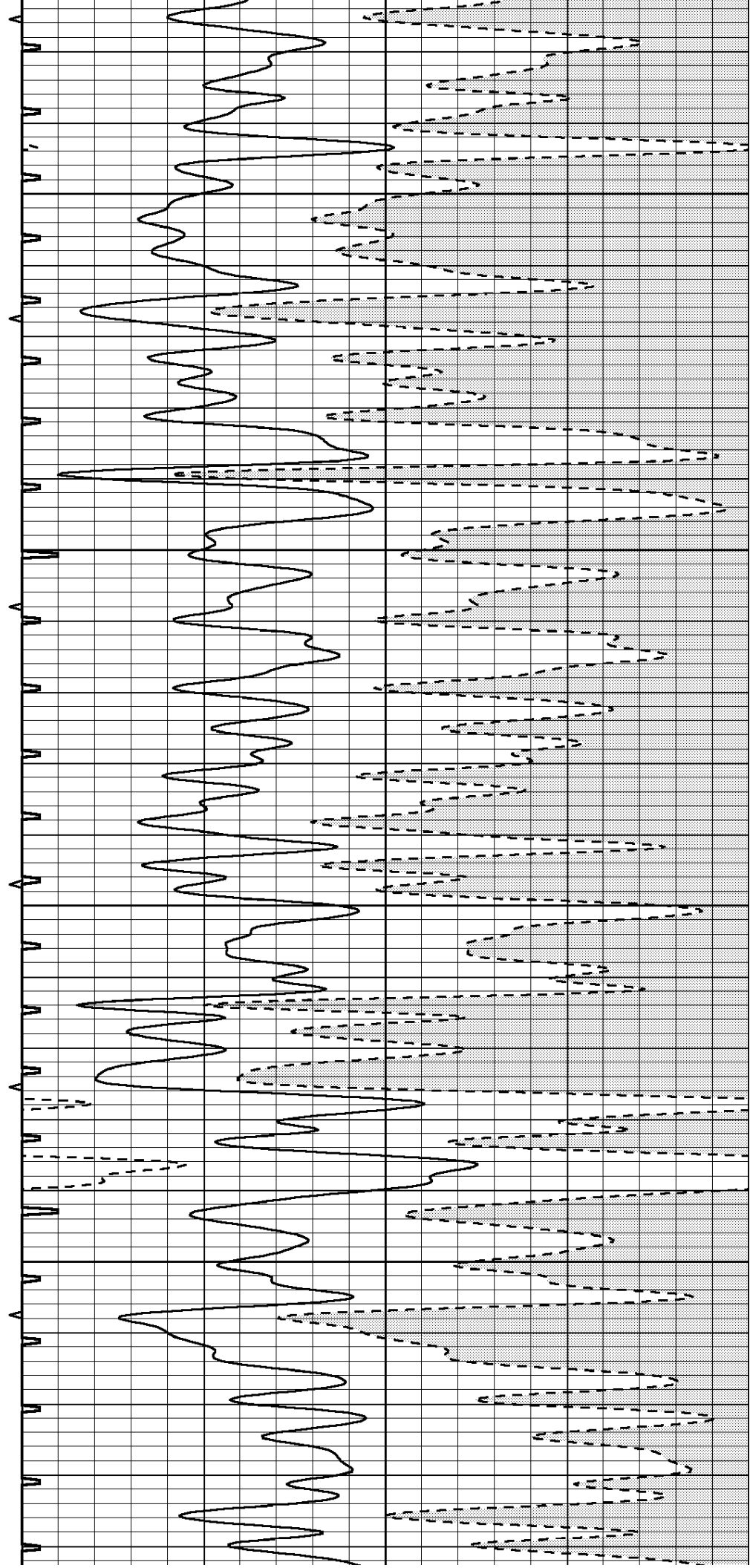
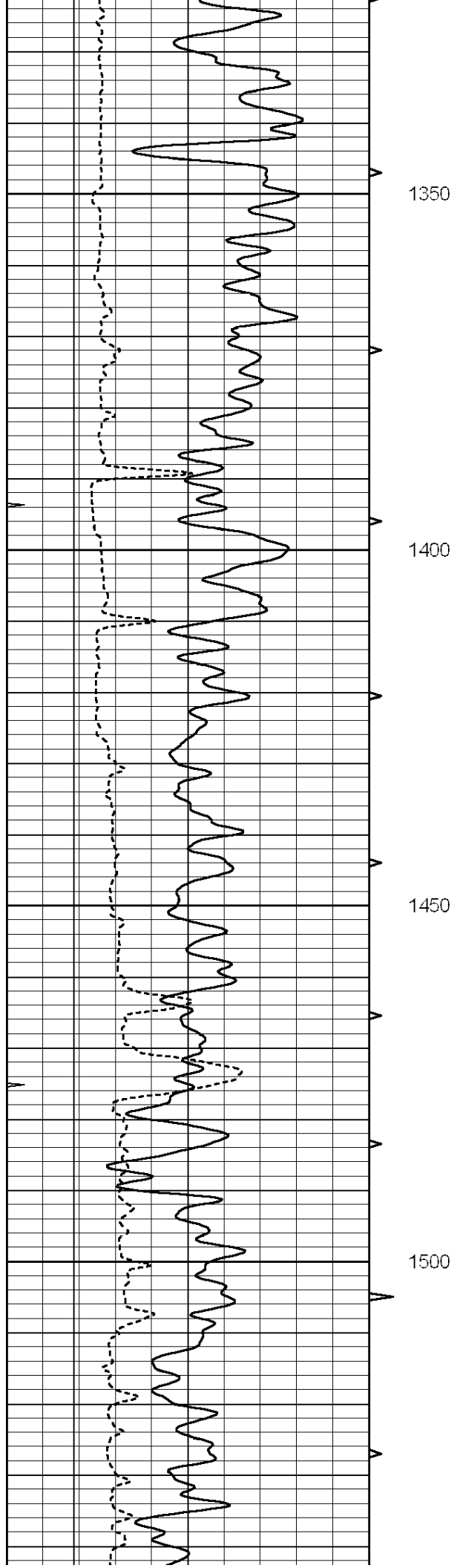
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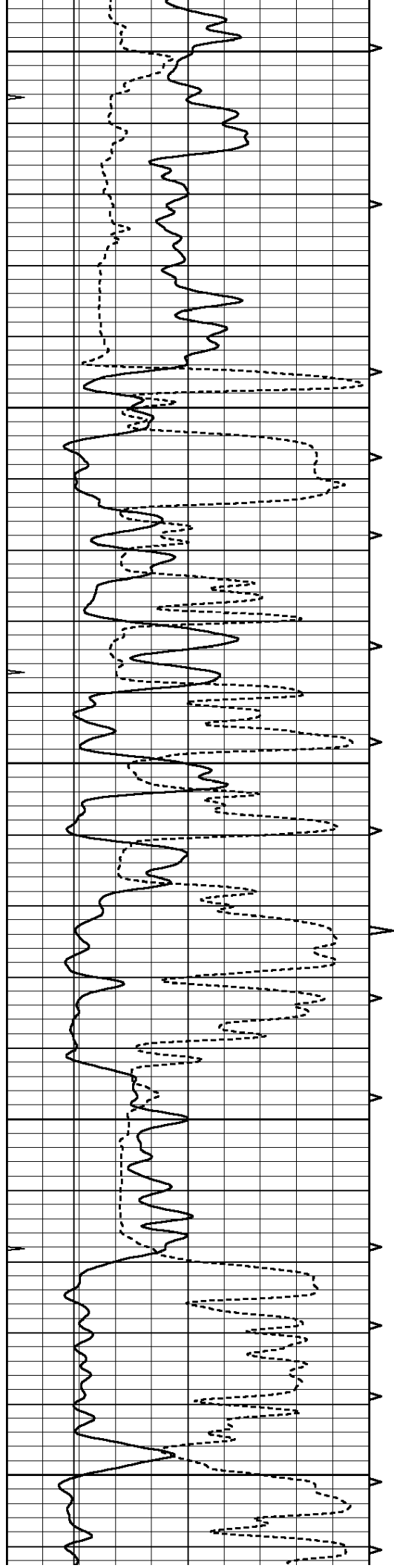
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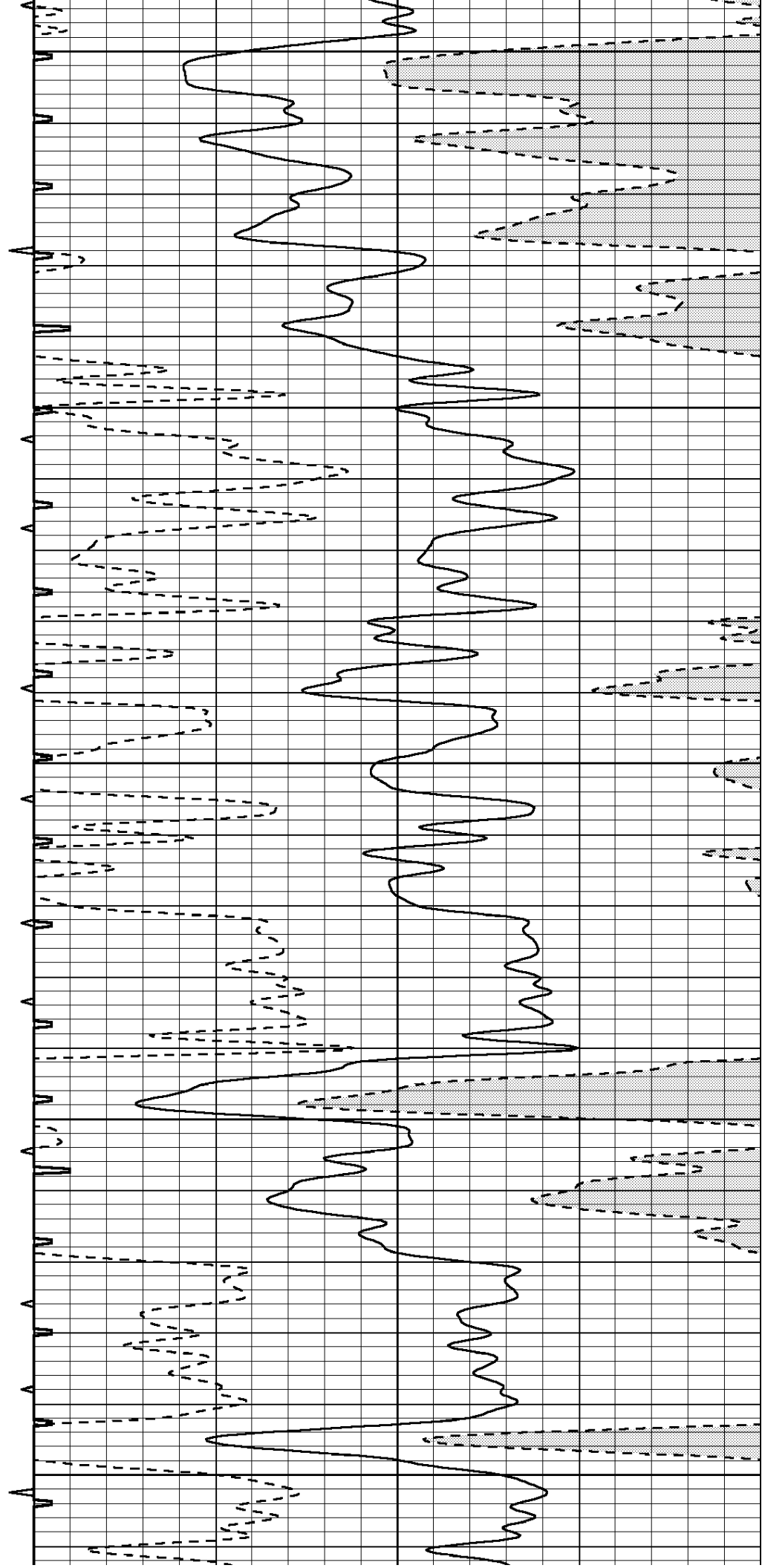
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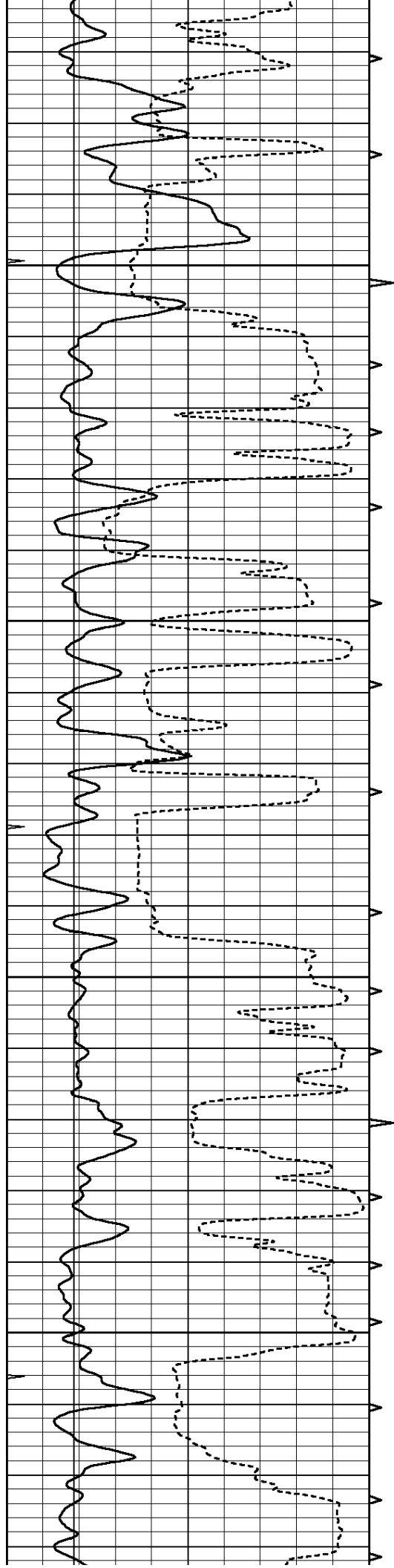
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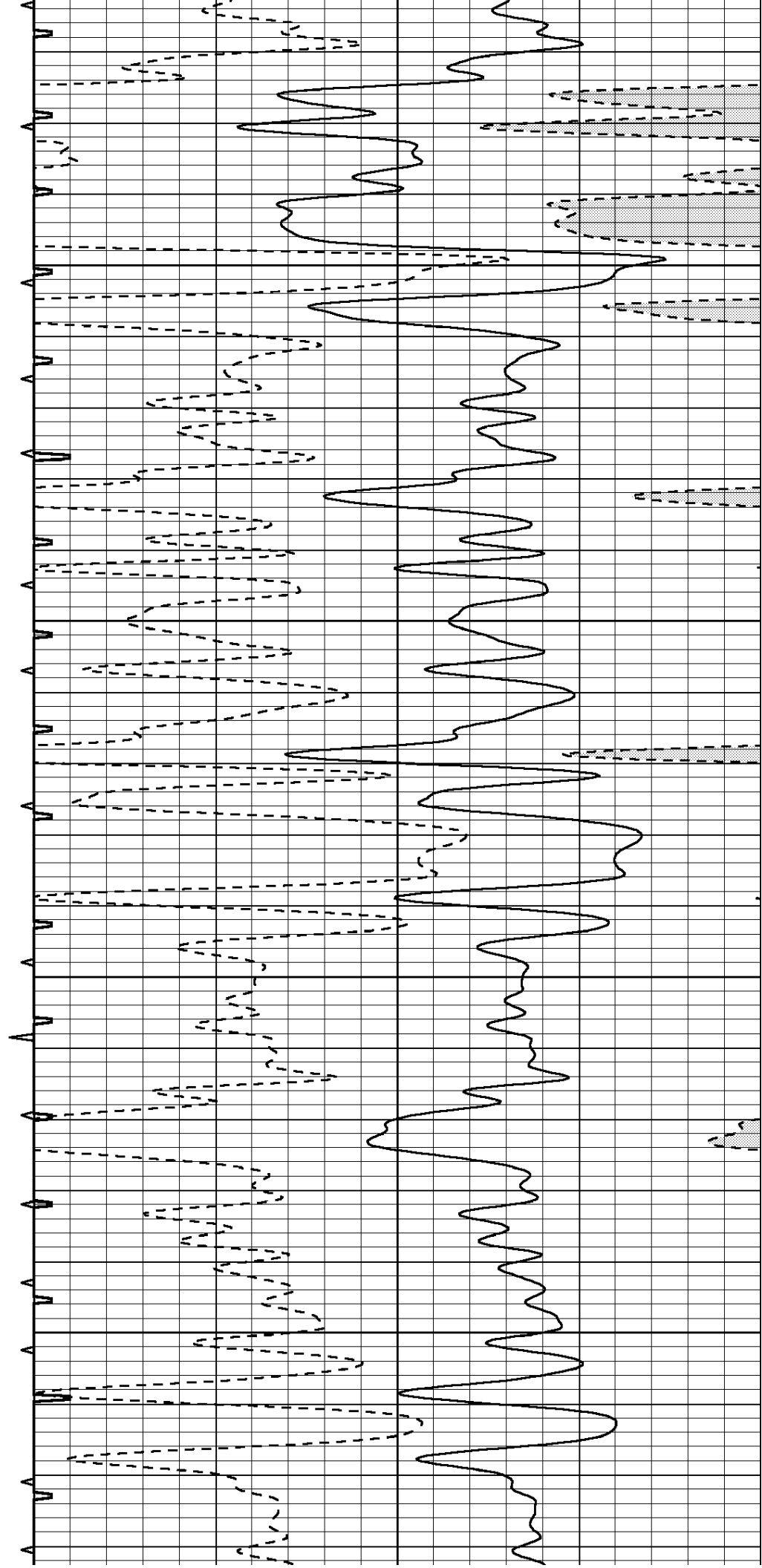


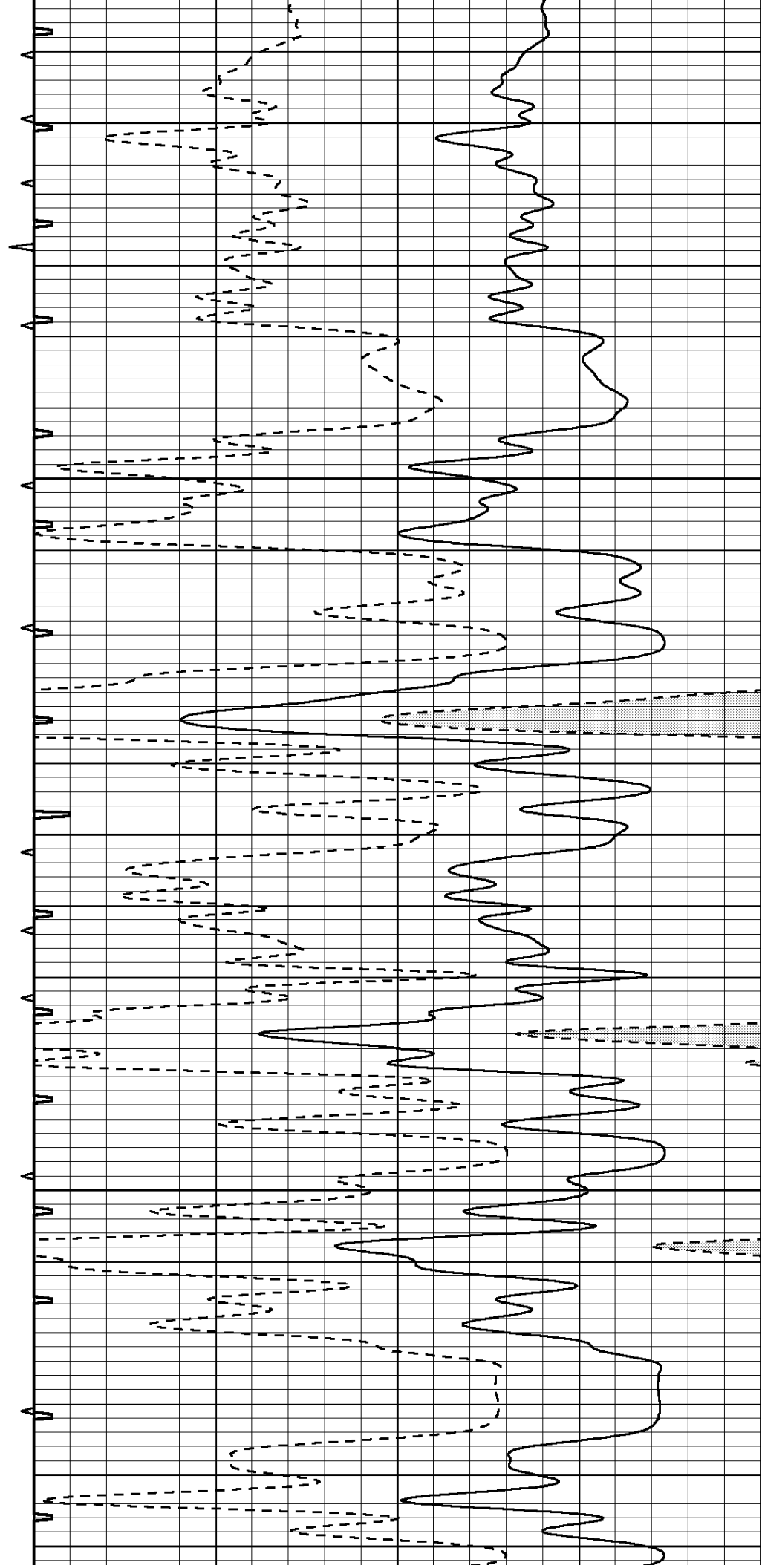
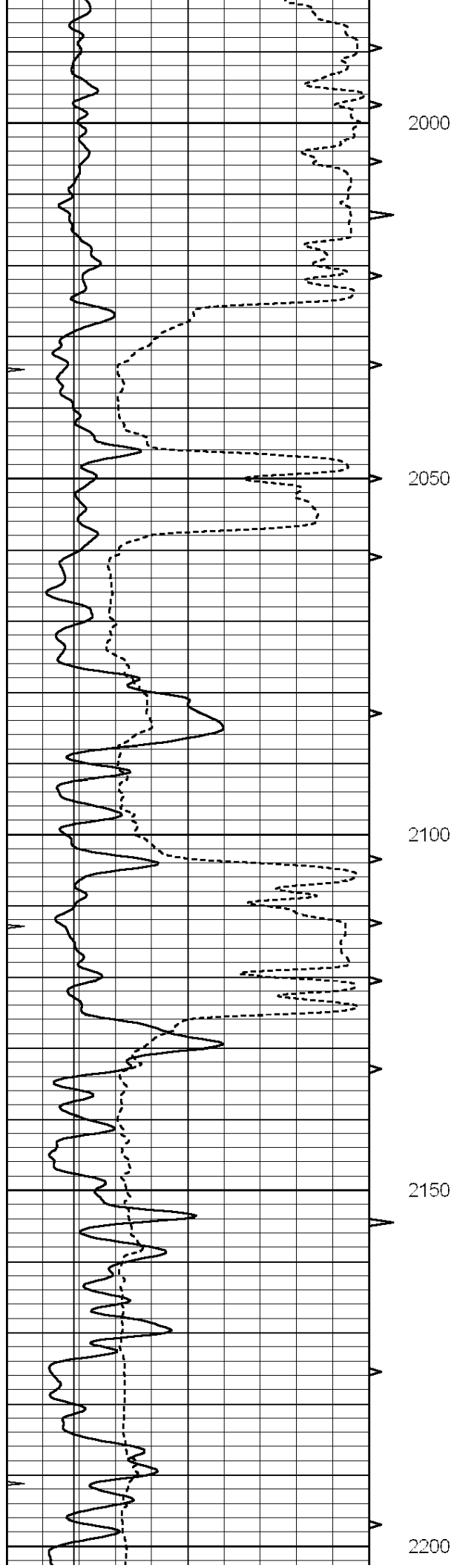
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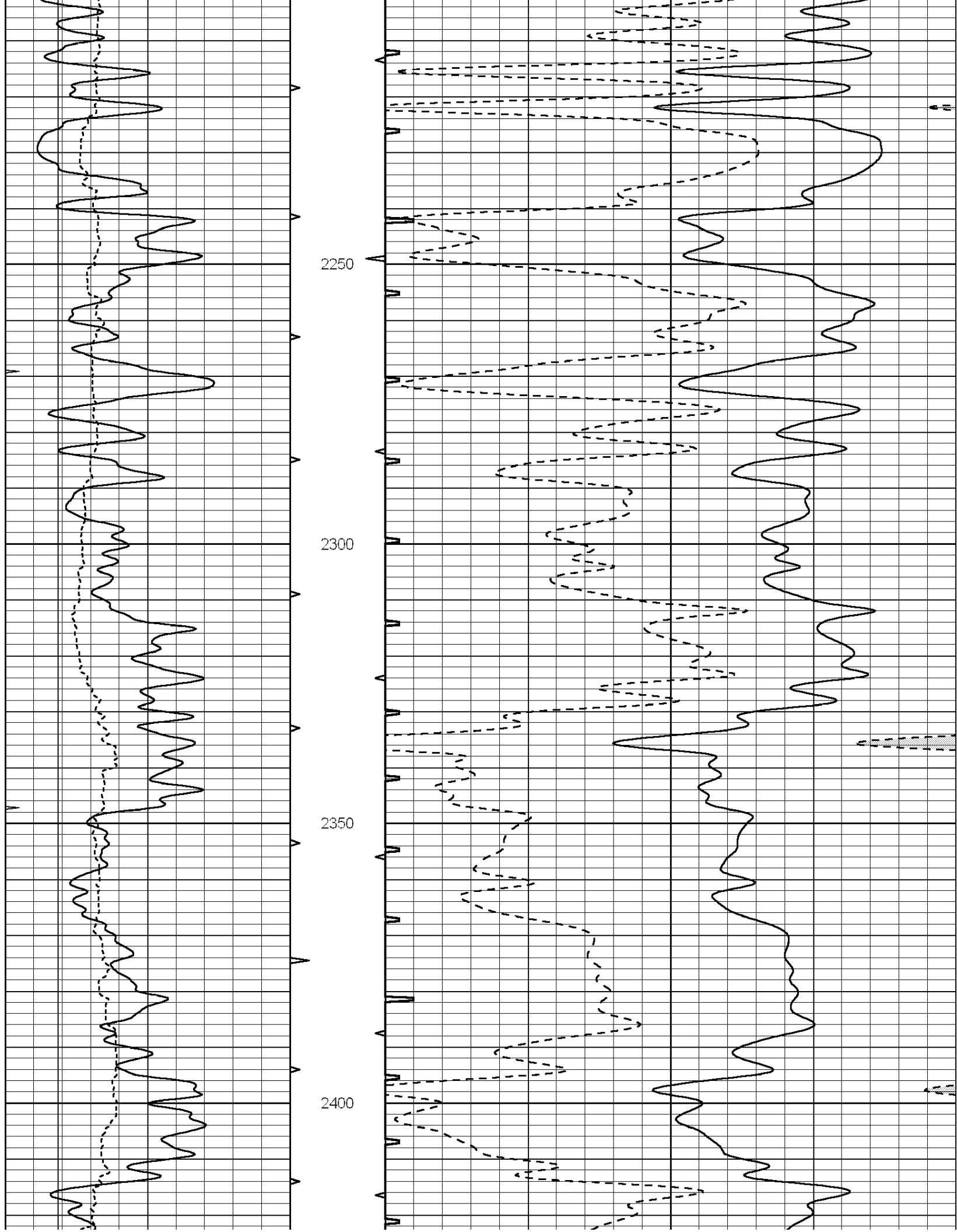
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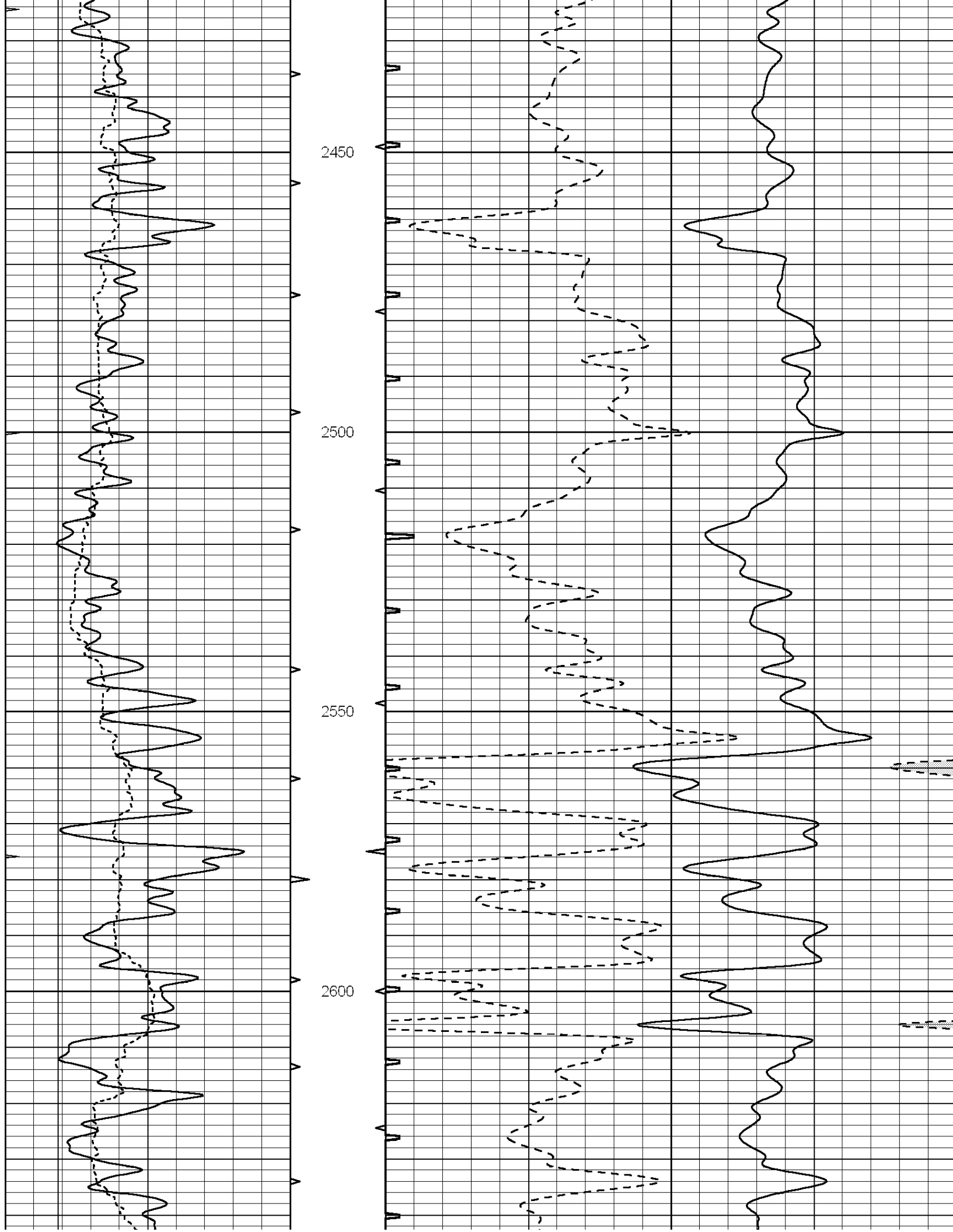
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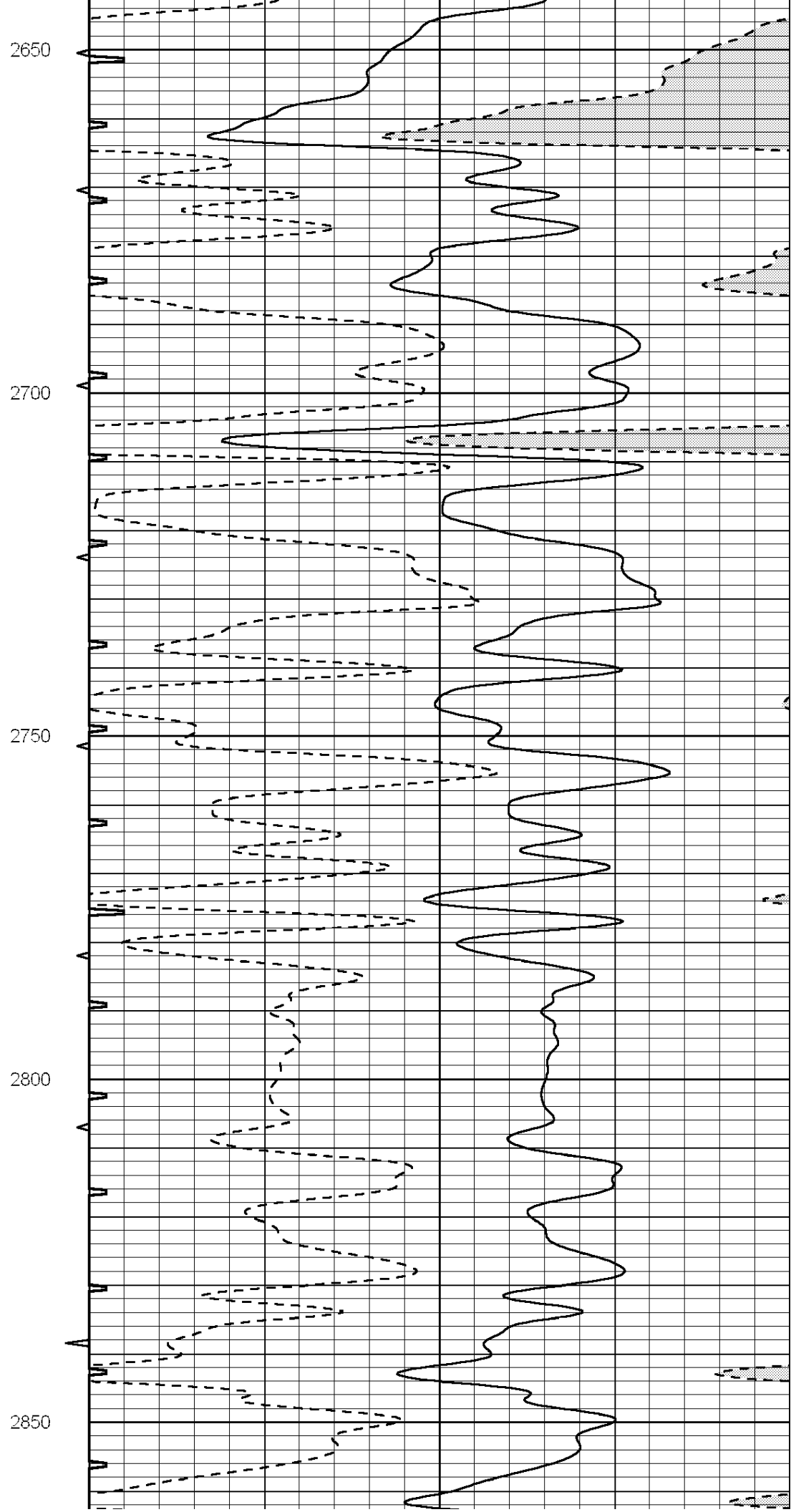
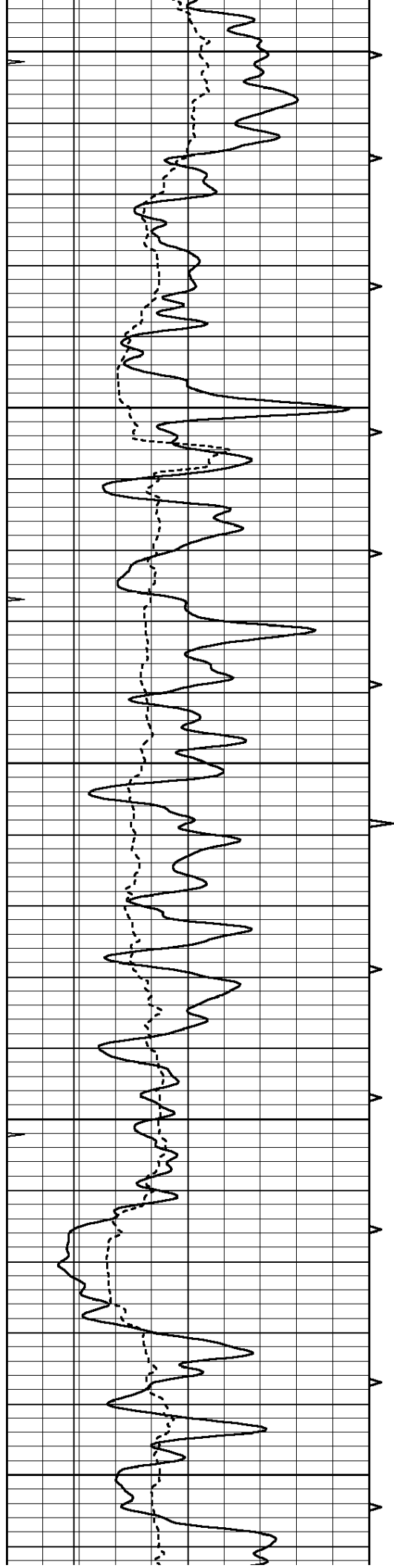
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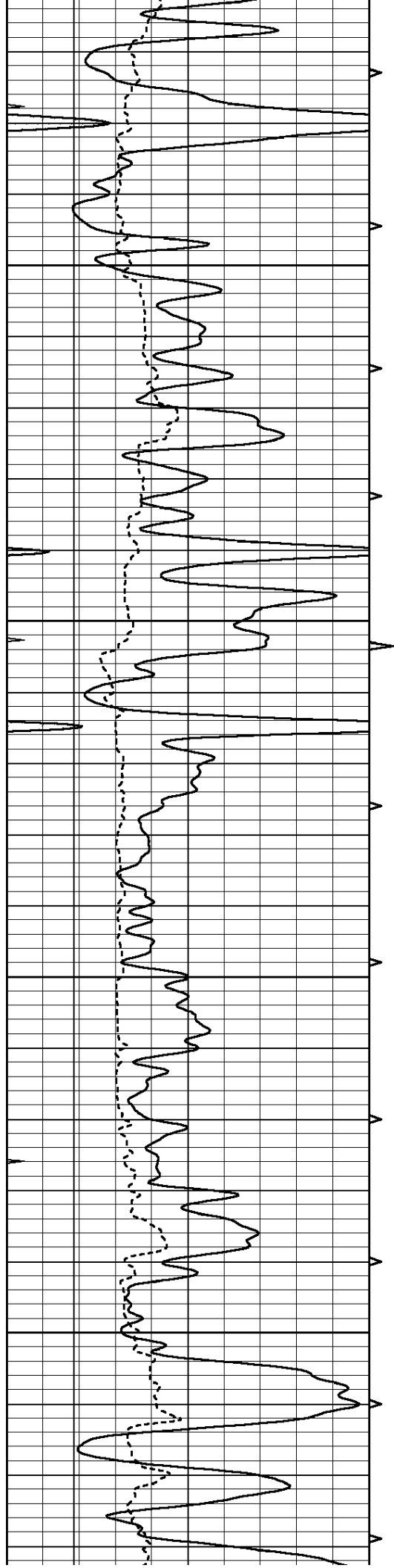










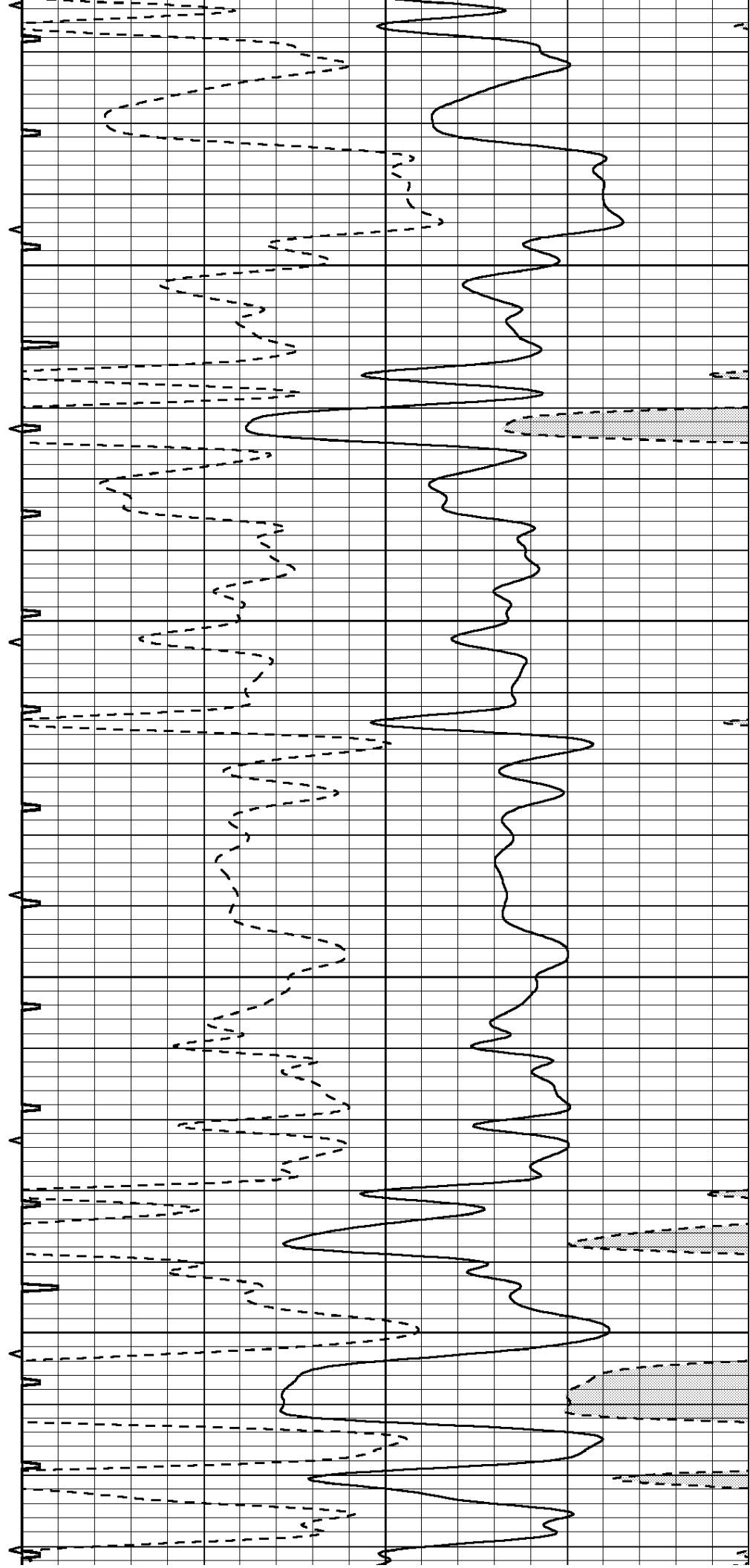


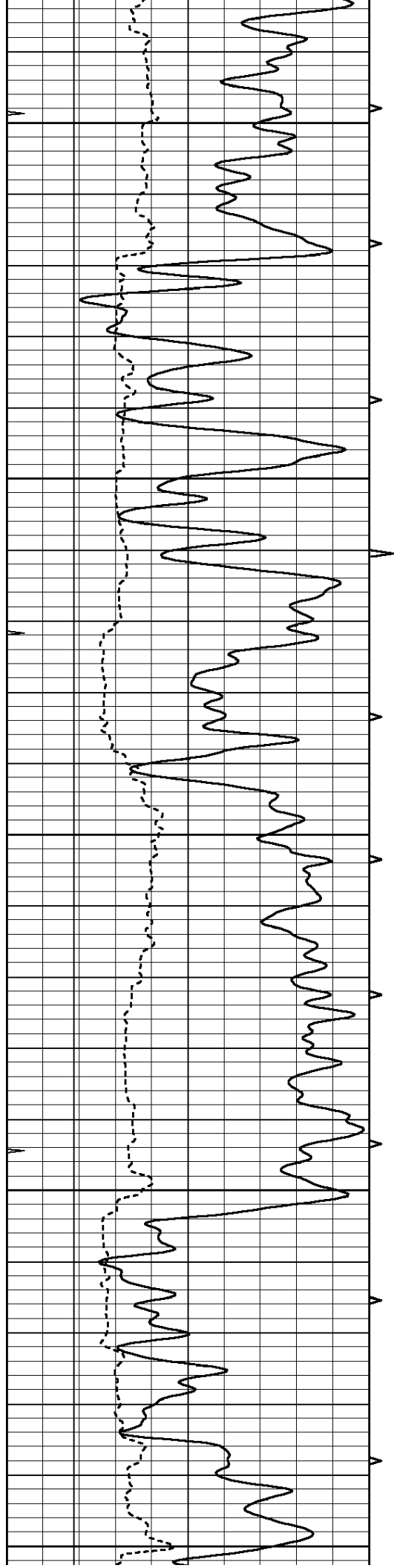
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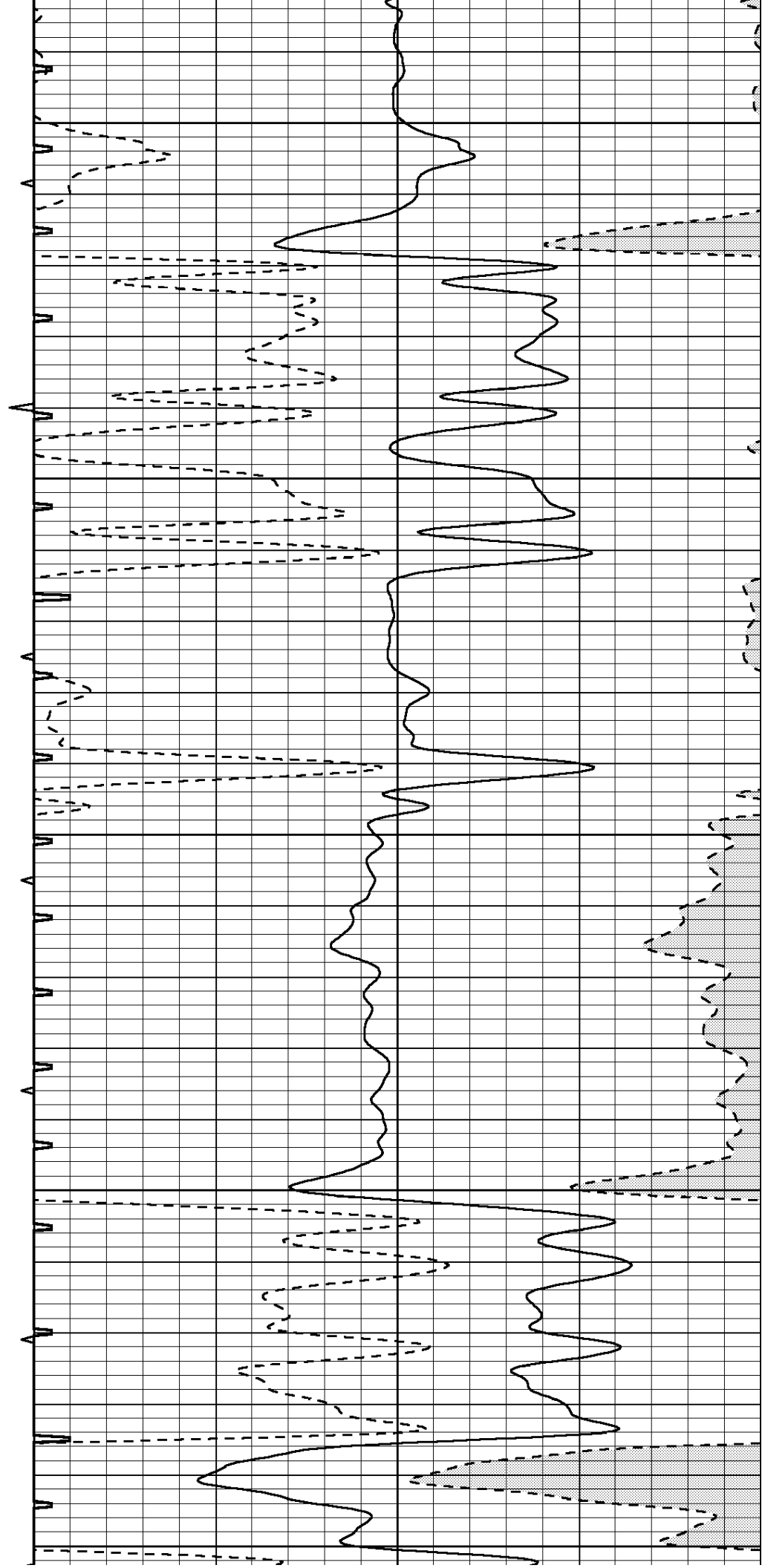
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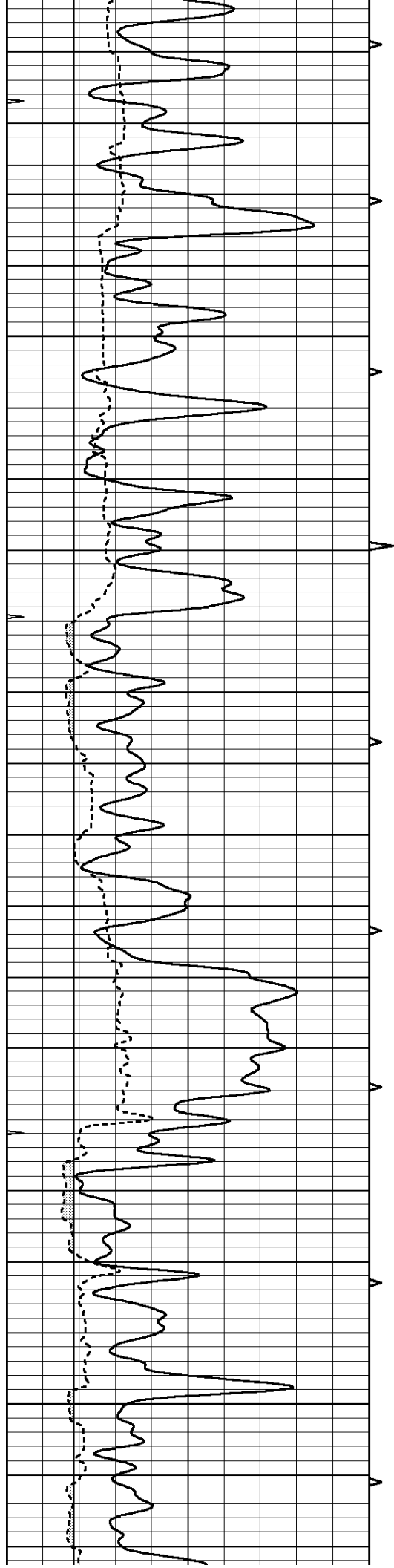
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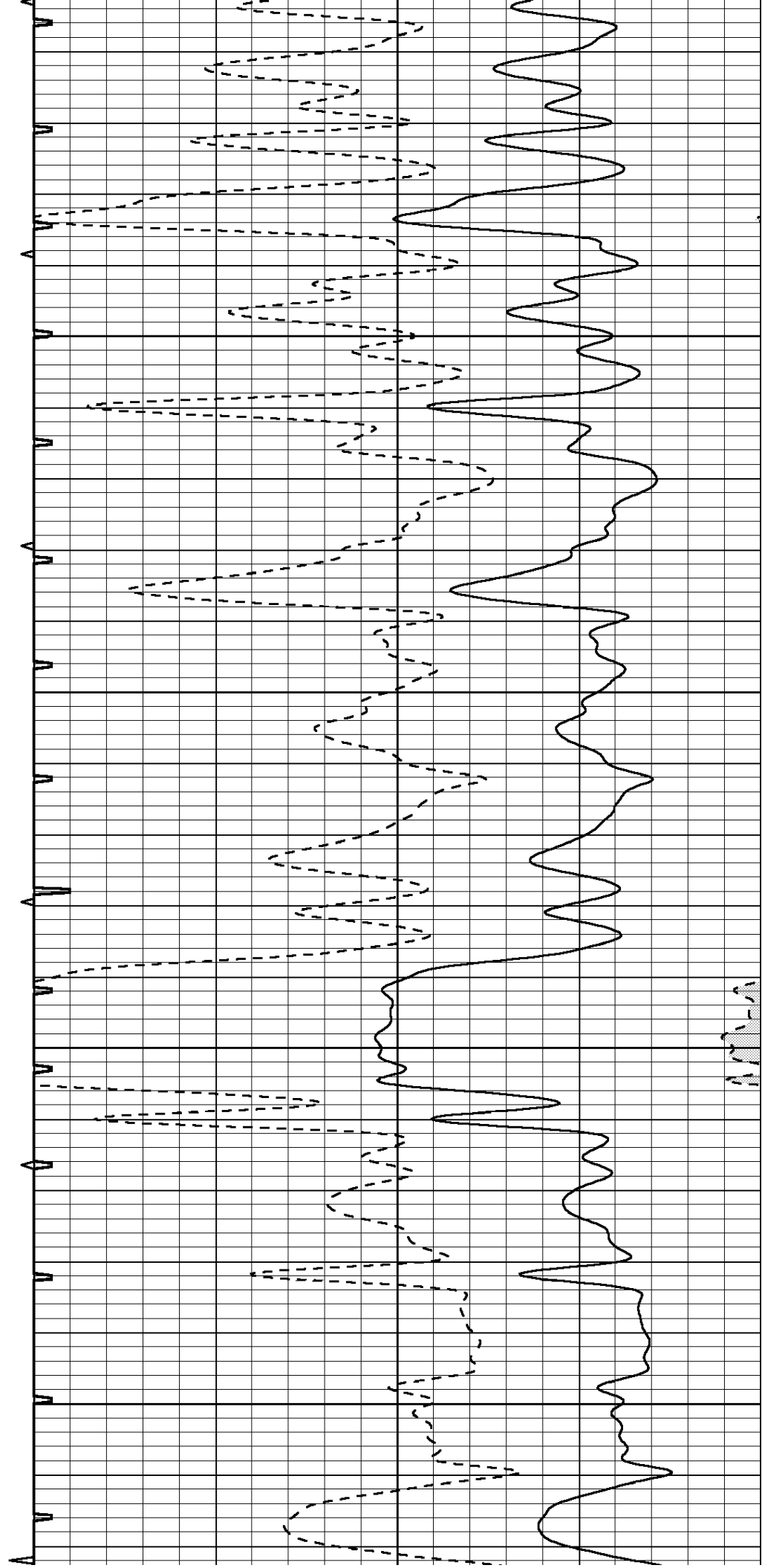


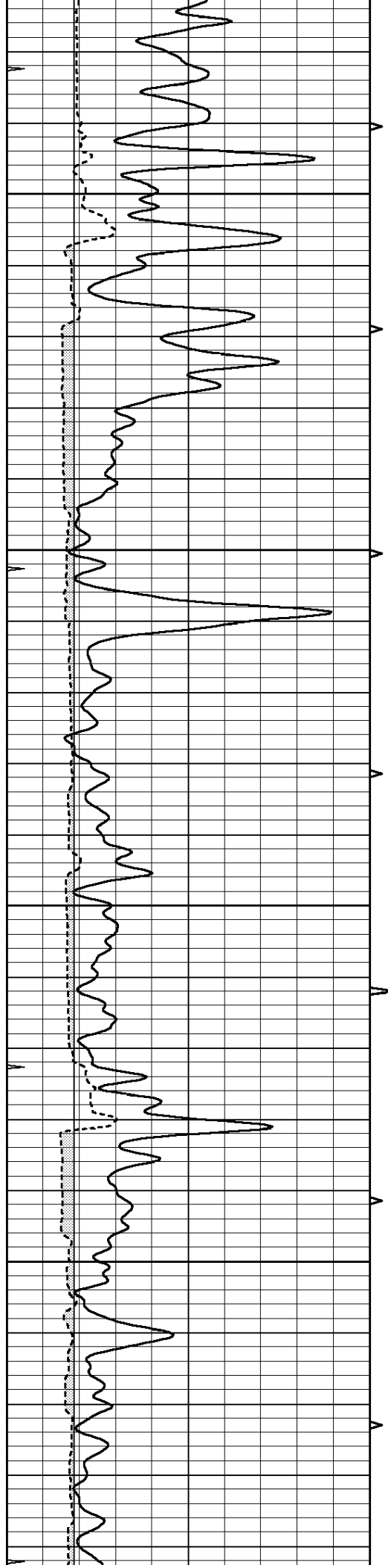
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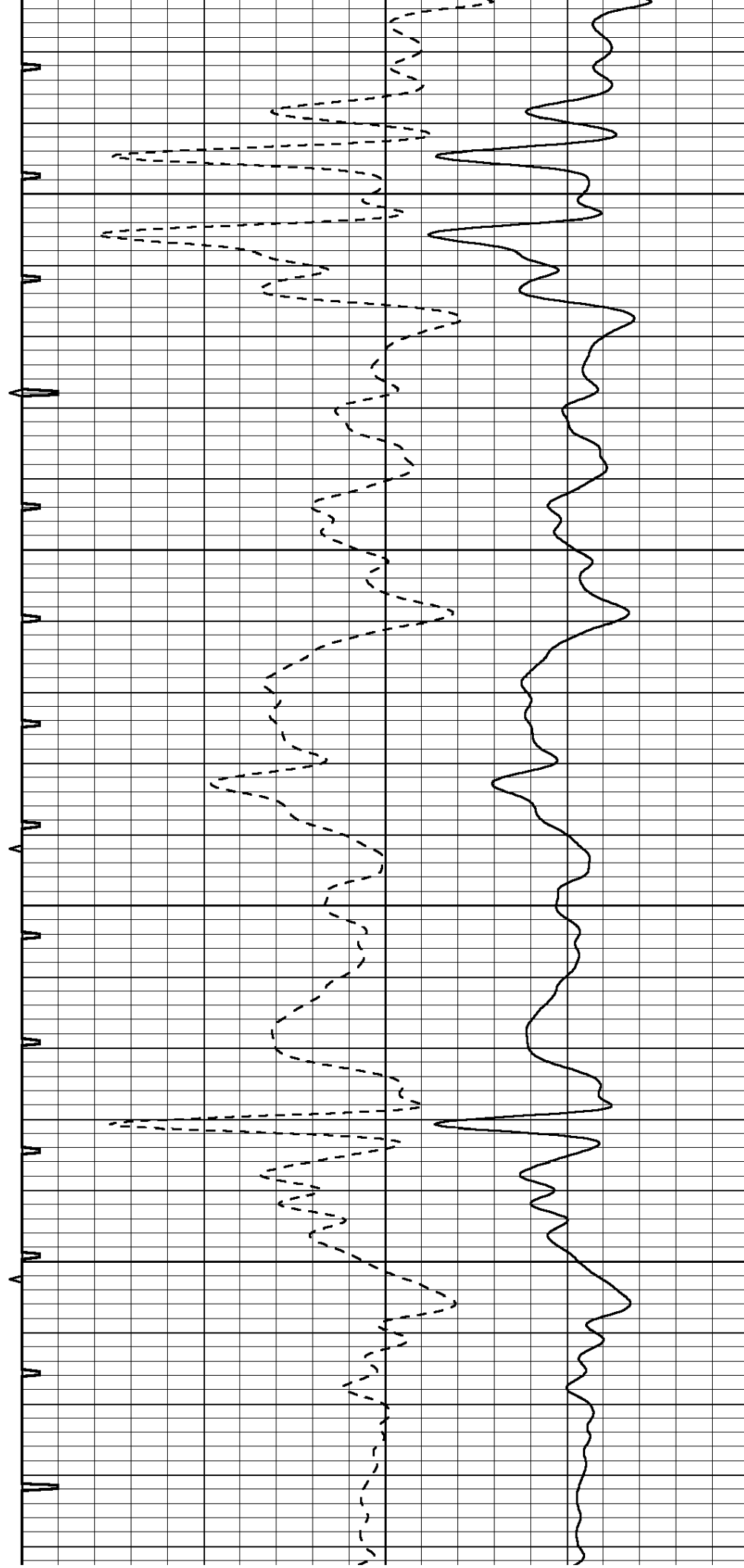


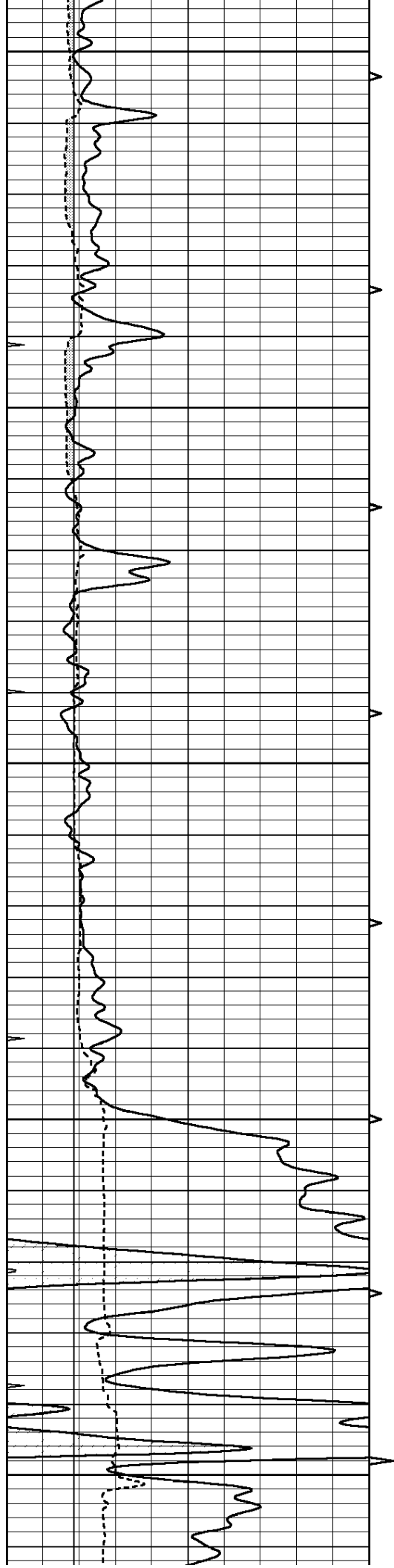
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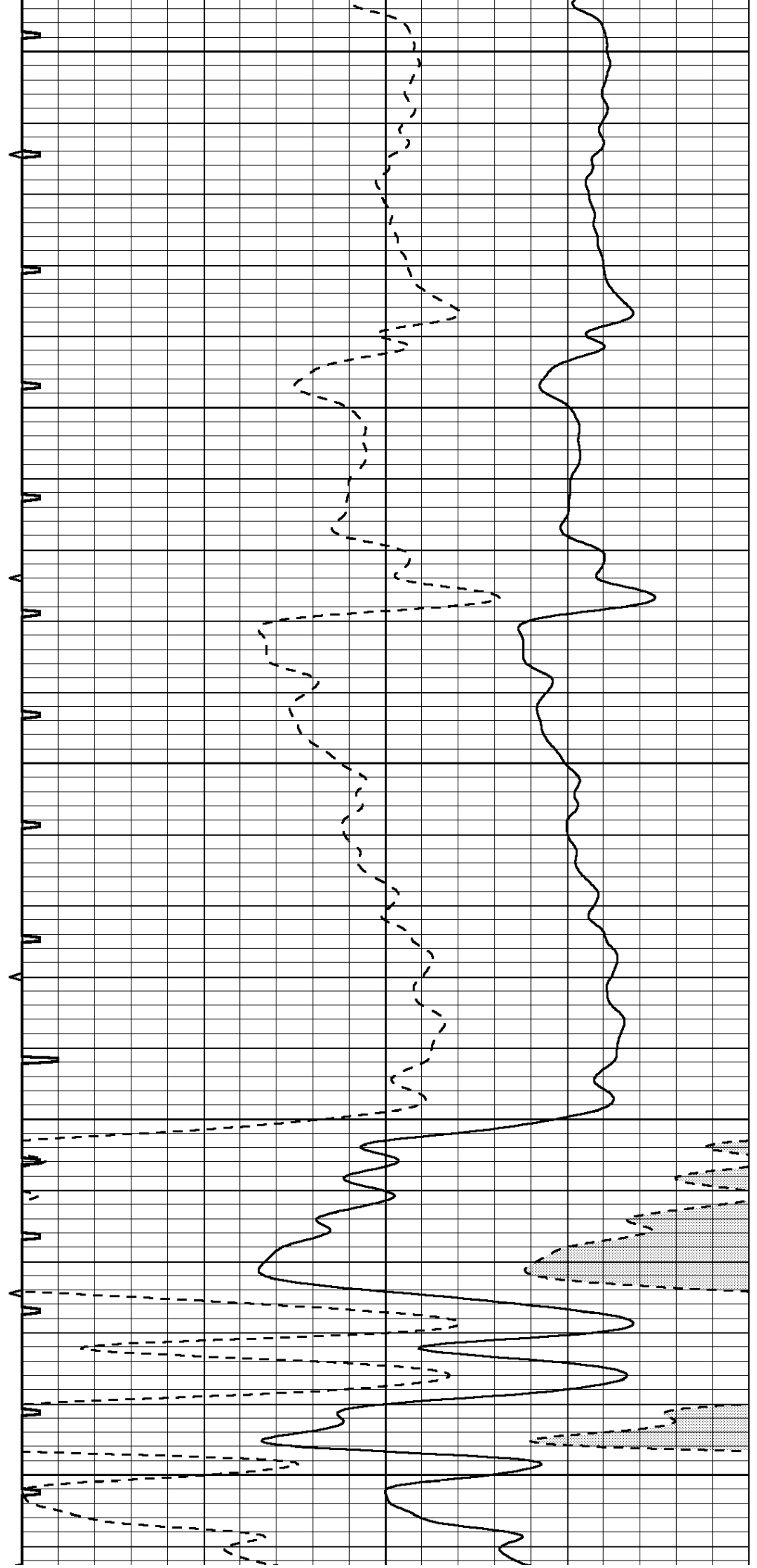
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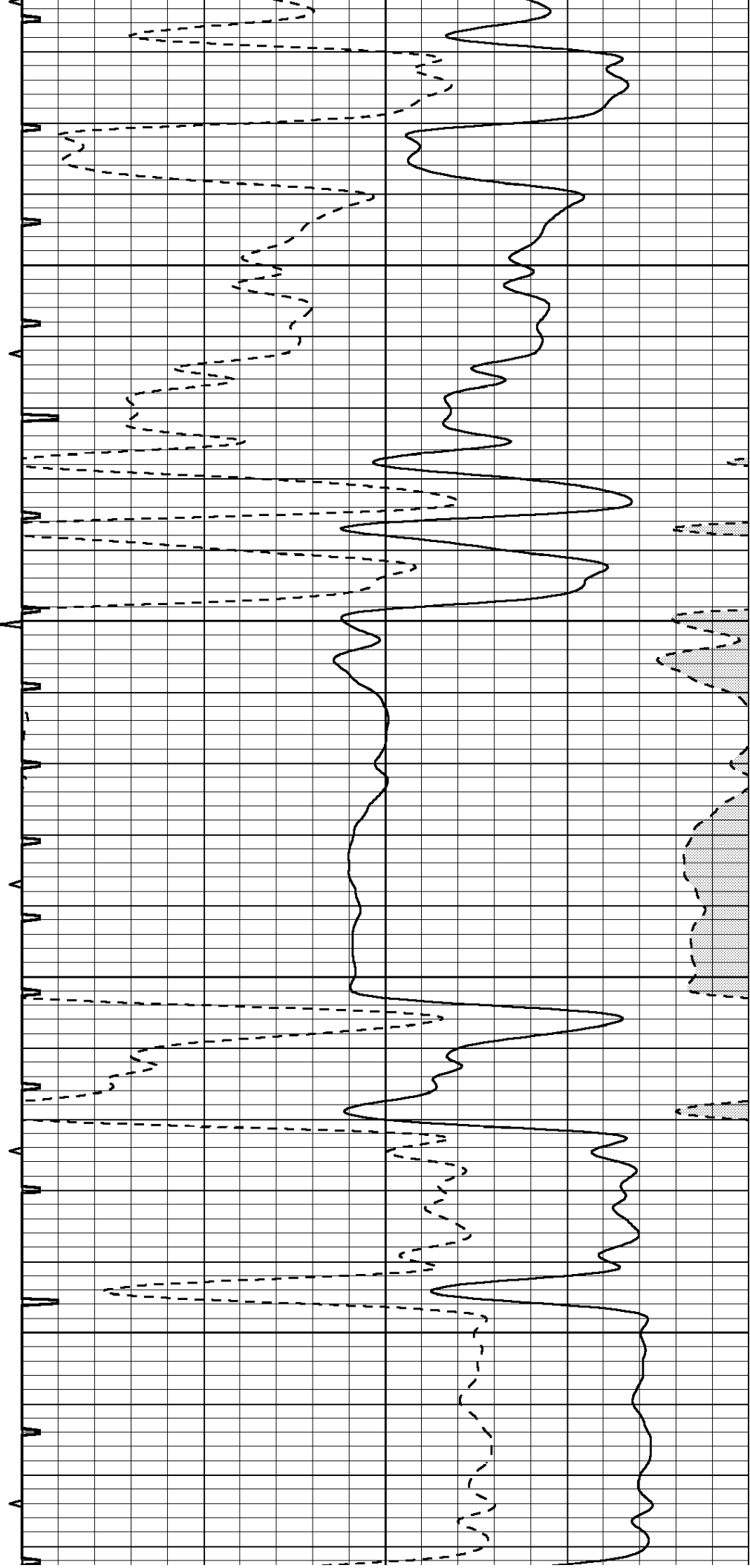


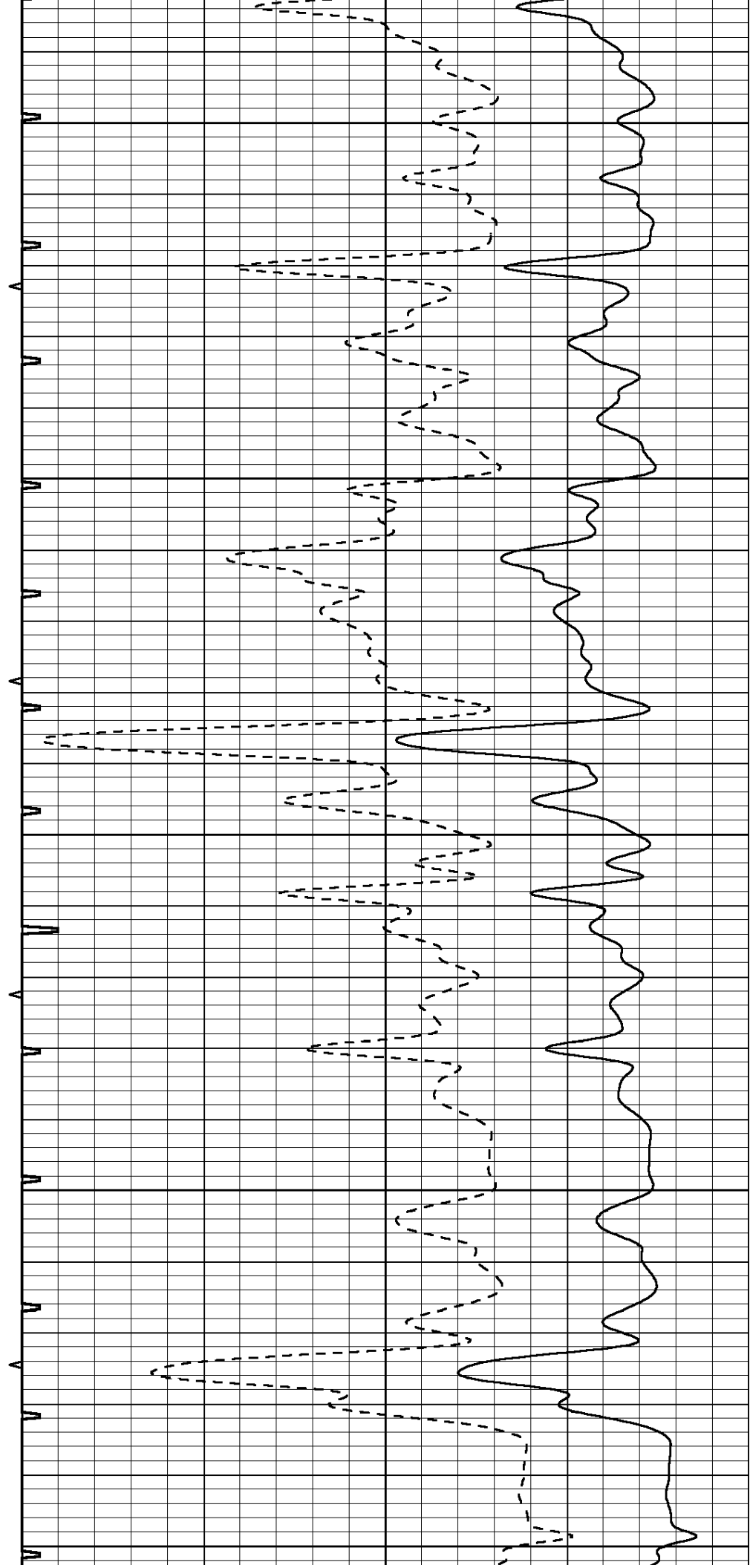
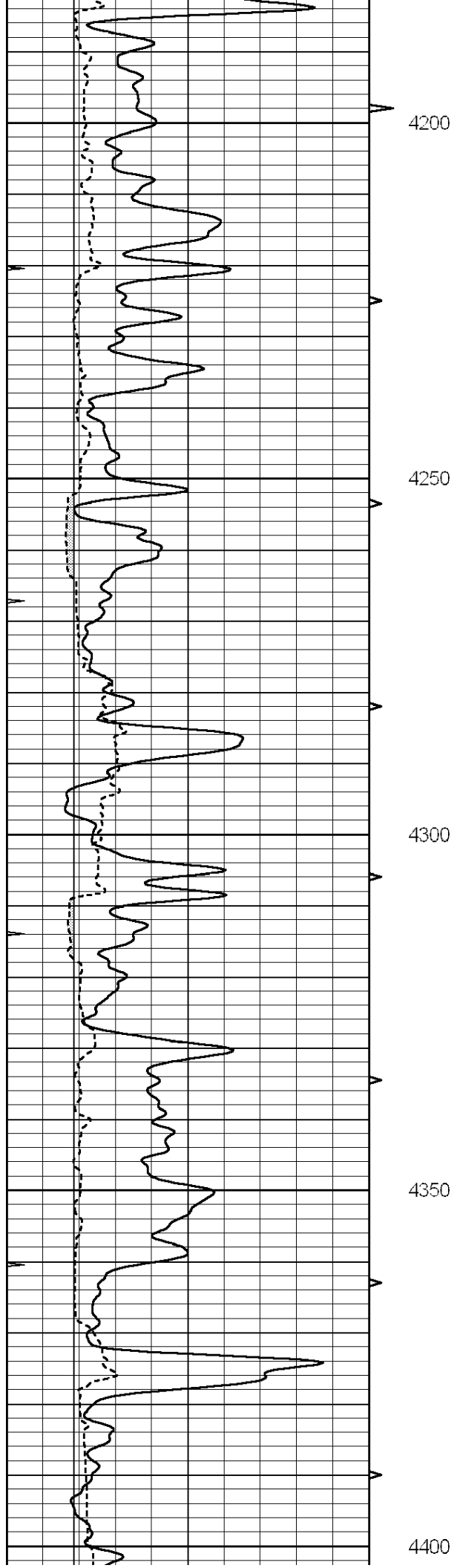
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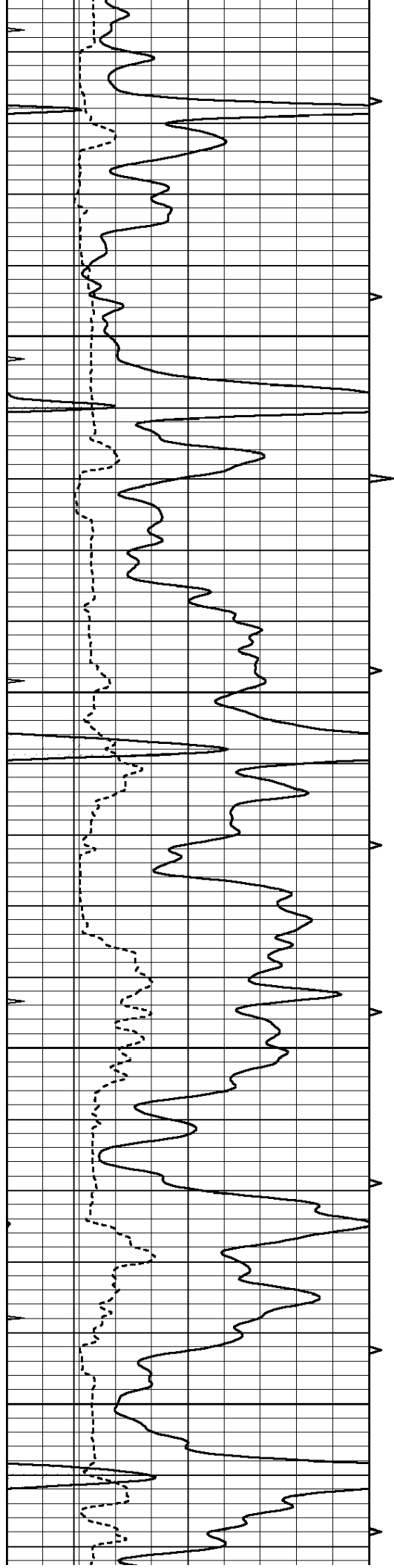
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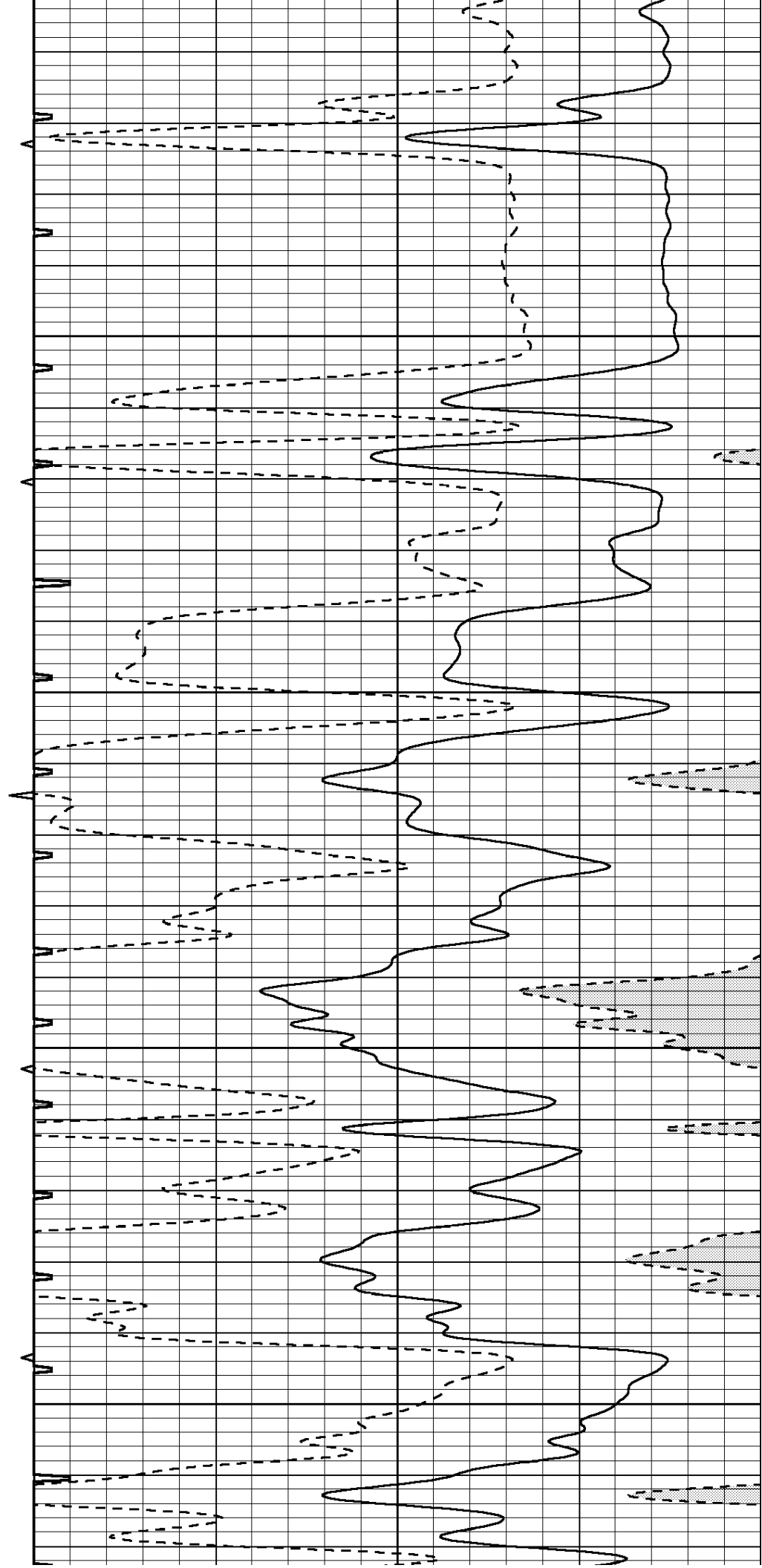


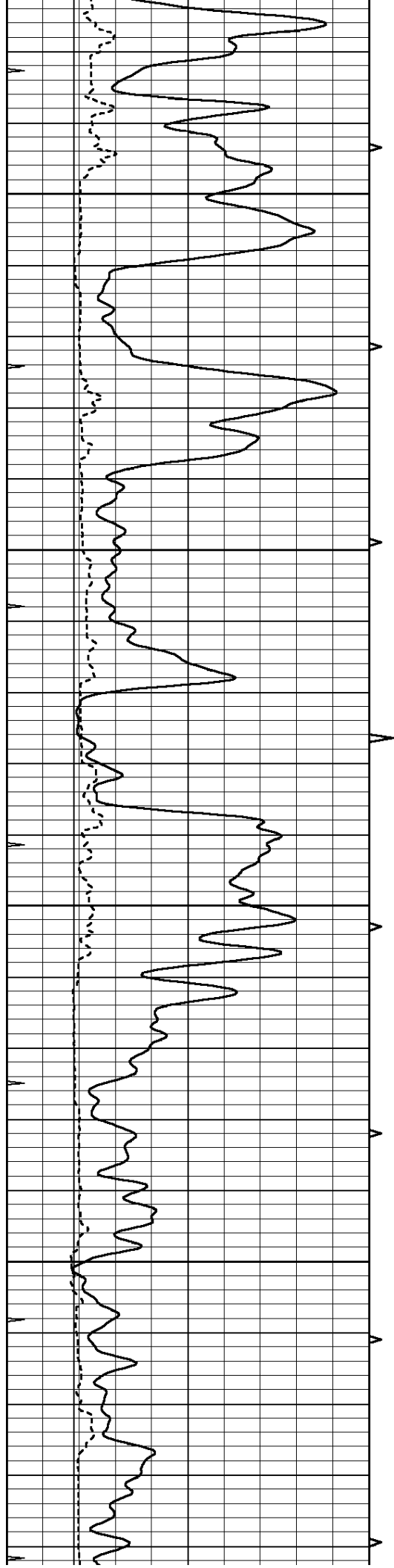
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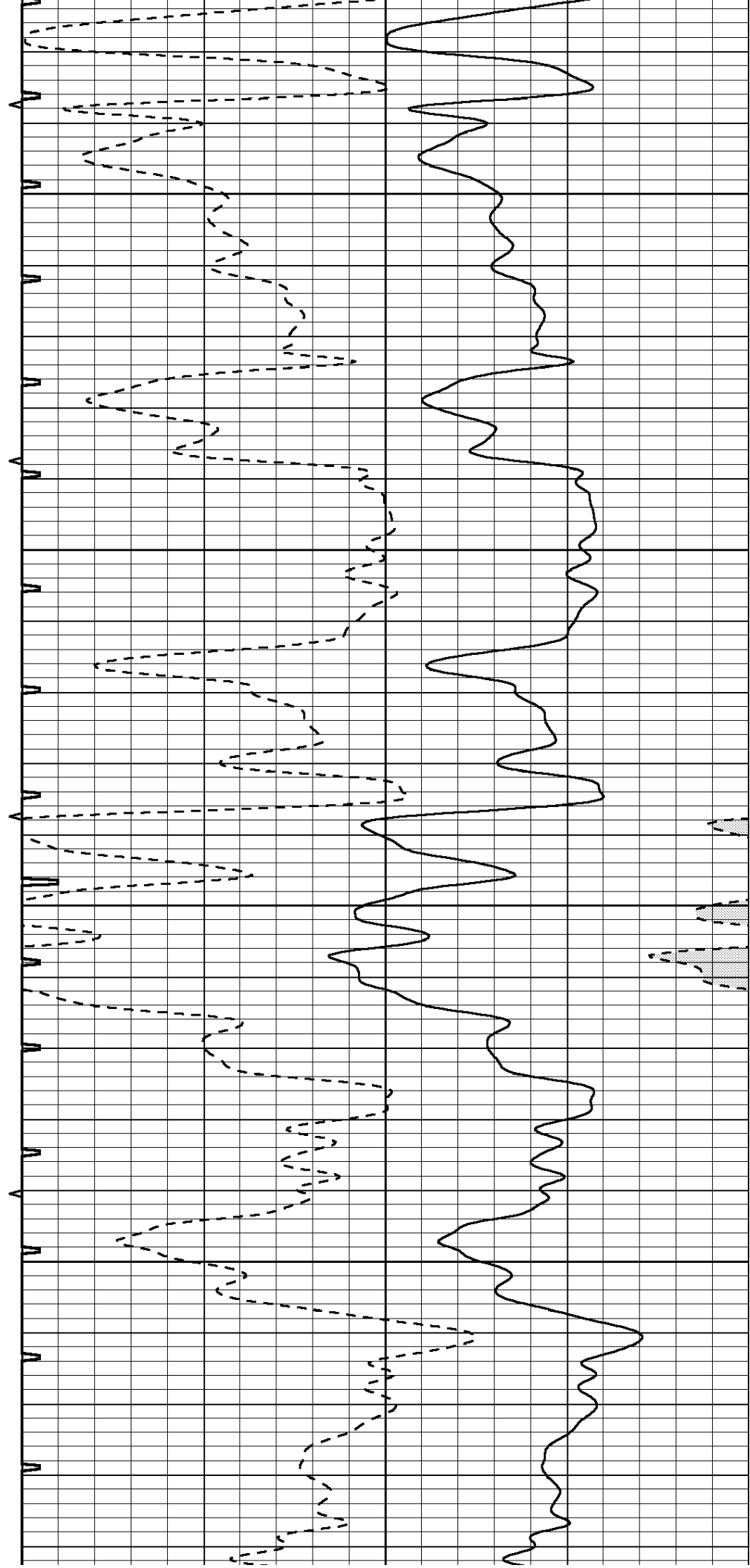


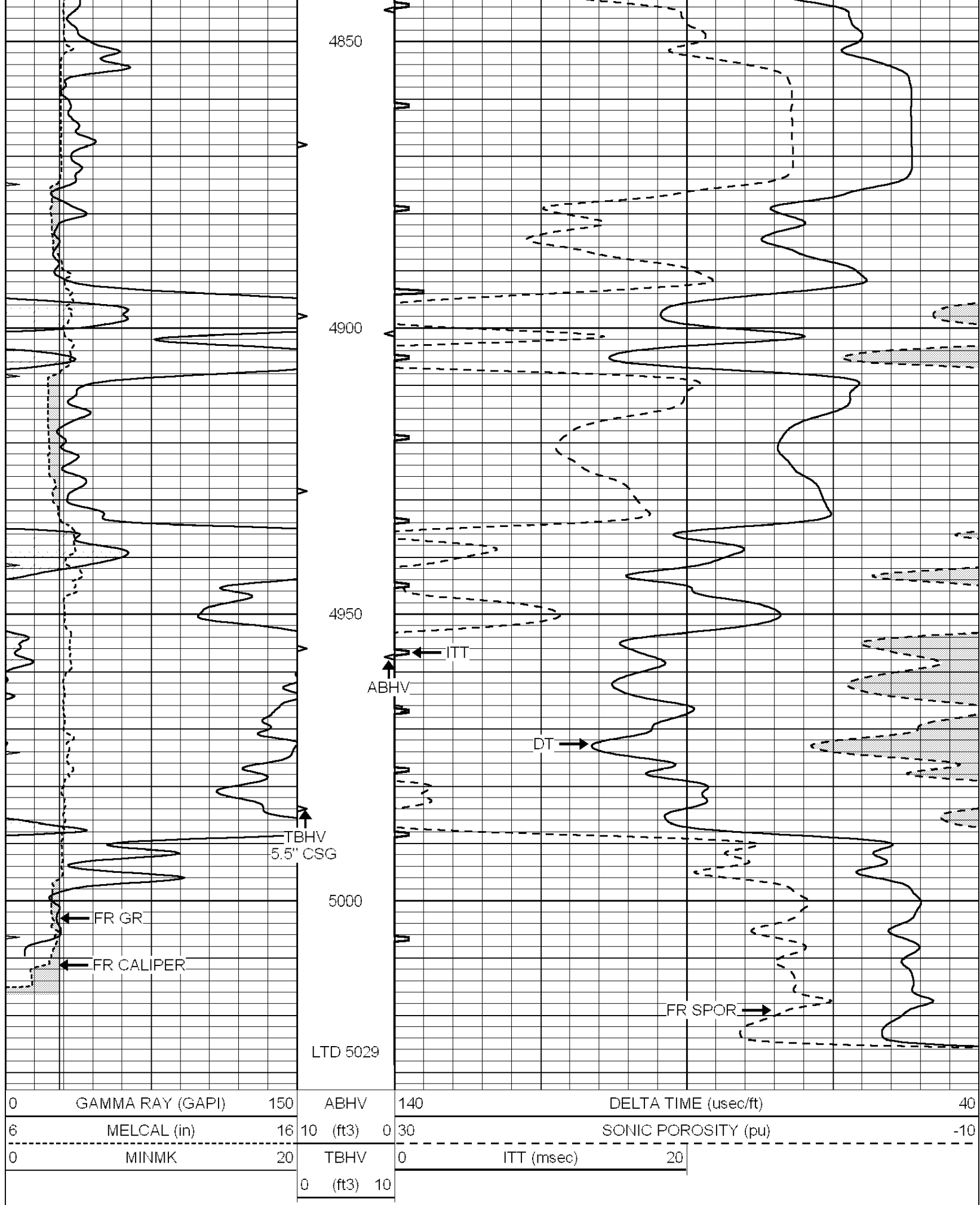
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REPEAT SECTION

Database File: 012038pe.db
 Dataset Pathname: pass11.4
 Presentation Format: _slt
 Dataset Creation: Sat Nov 16 10:59:17 2013 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	MELCAL (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

