



SUPERIOR
Hays,
Kansas

SONIC LOG

Company	LARIO OIL & GAS CO.		
Well	LUMBERT #1-2		
Field			
County	SUMNER	State	KANSAS
Location:	API # : 15-191-22569-0000		Other Services CNL/CDL PE DIL/MEL
80' E & 10' S OF S/2 - NW - SW - SE			
815' FSL & 2230' FEL			
SEC 2 TWP 33S RGE 1W			
Permanent Datum	GROUND LEVEL	Elevation	1224
Log Measured From	KELLY BUSHING 8' A.G.L.	K.B. 1232 D.F. 1230 G.L. 1224	
Drilling Measured From	KELLY BUSHING		
Date	11/24/09		
Run Number	TWO		
Depth Driller	4401		
Depth Logger	4402		
Bottom Logged Interval	4392		
Top Log Interval	280		
Casing Driller	8 5/8" @ 297'		
Casing Logger	305'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.1 / 53		
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.75 @ 79F		
Rmf @ Meas. Temp	0.56 @ 79F		
Rmc @ Meas. Temp	0.90 @ 79F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.50 @ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	DAN GOTTSCHALK		
Witnessed By	VERN SCHRAG		

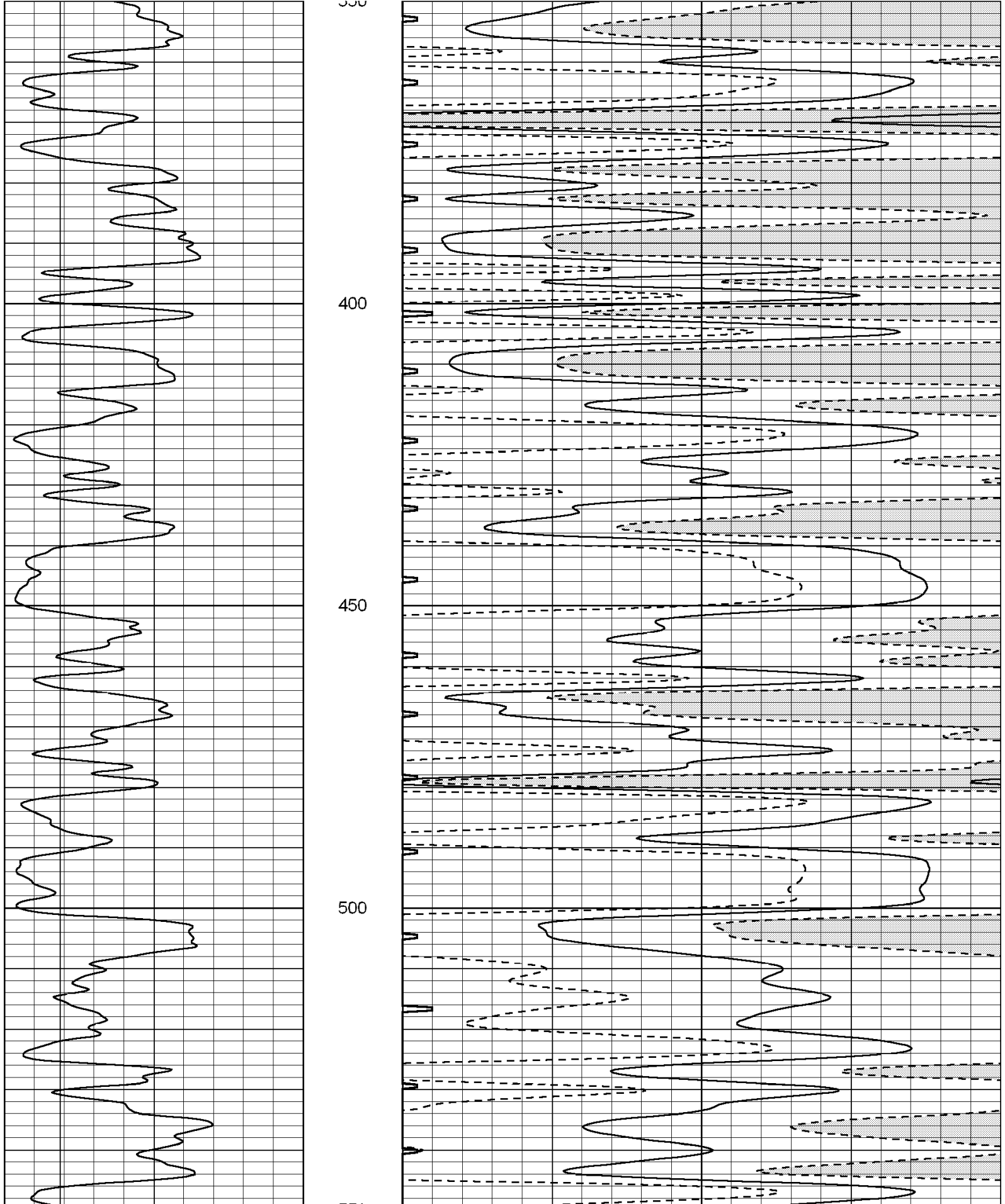
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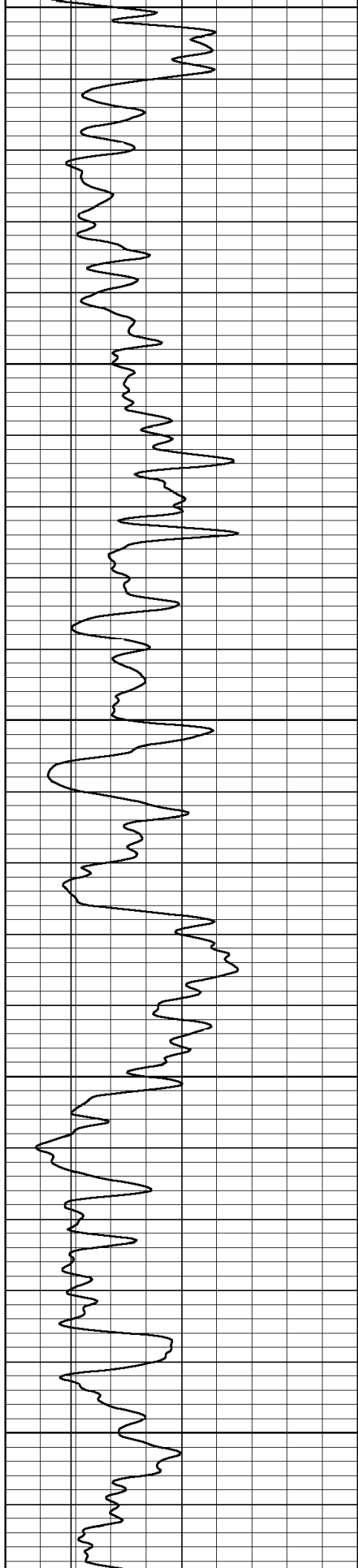
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
HWY 160 & HWY 81 - WEST EDGE OF WELLINGTON - 3 1/2 SOUTH TO 50TH - 1 EAST -
1/2 SOUTH - WEST INTO

0	GAMMA RAY (GAPI)	150	140	DELTA TIME (usec/ft)	40
			30	SONIC POROSITY (pu)	-10
			0	ITT (msec)	20





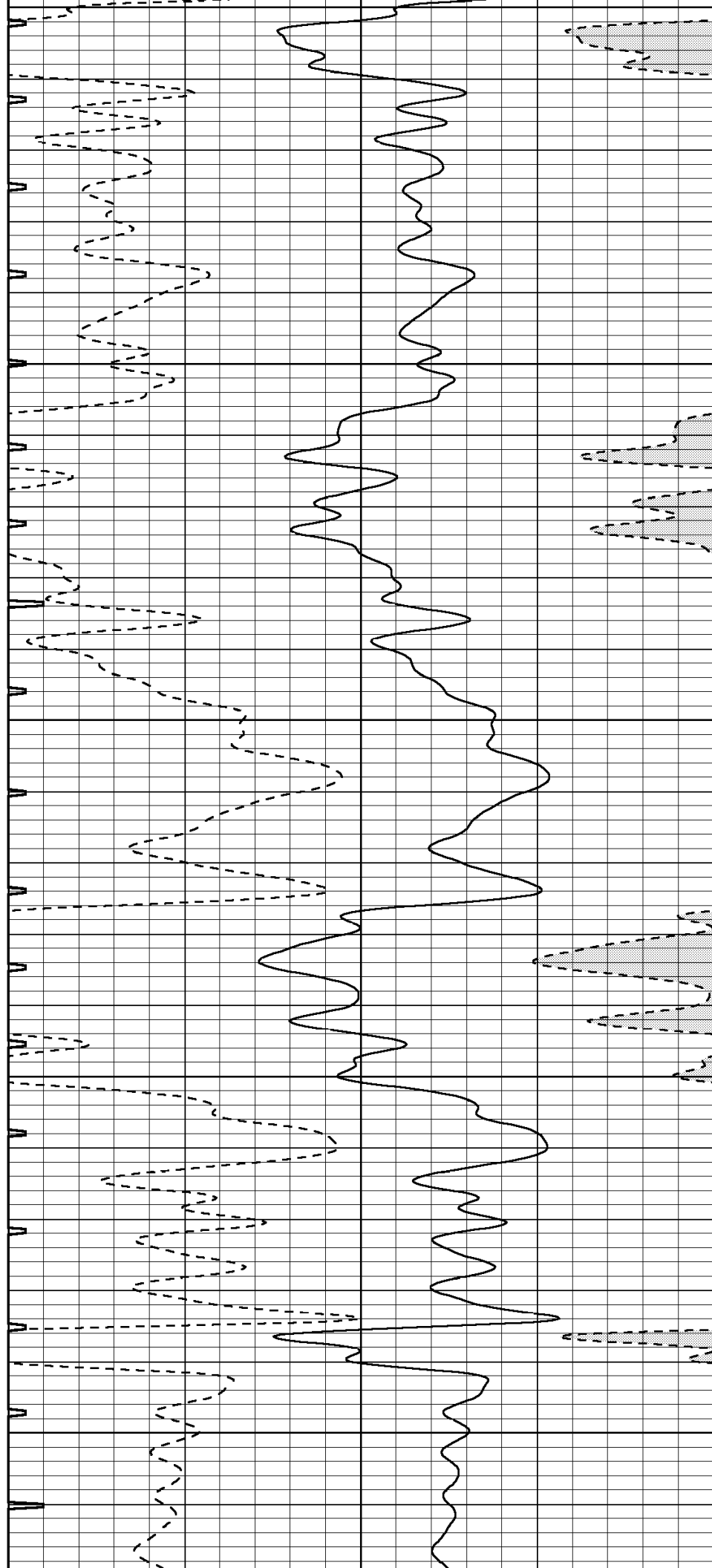
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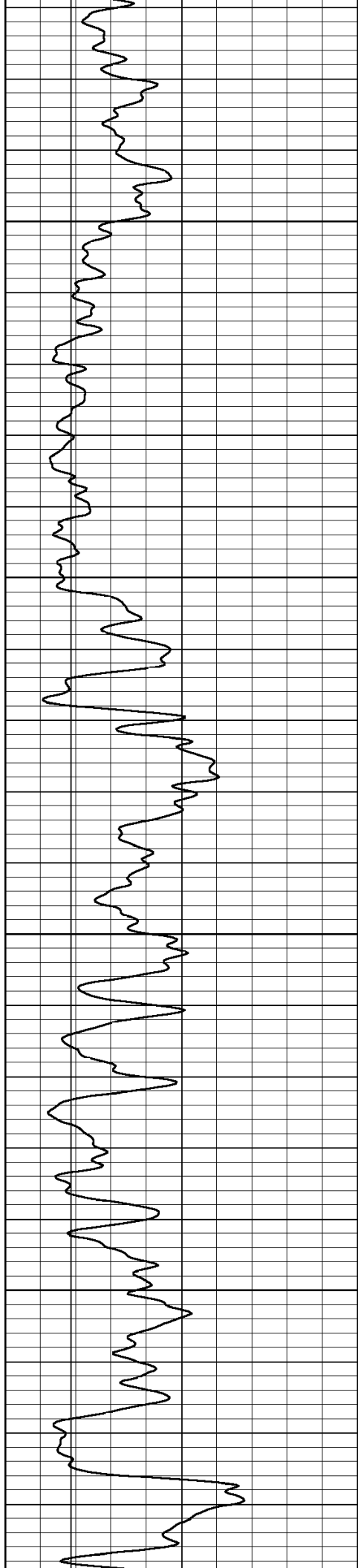
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650

700

750



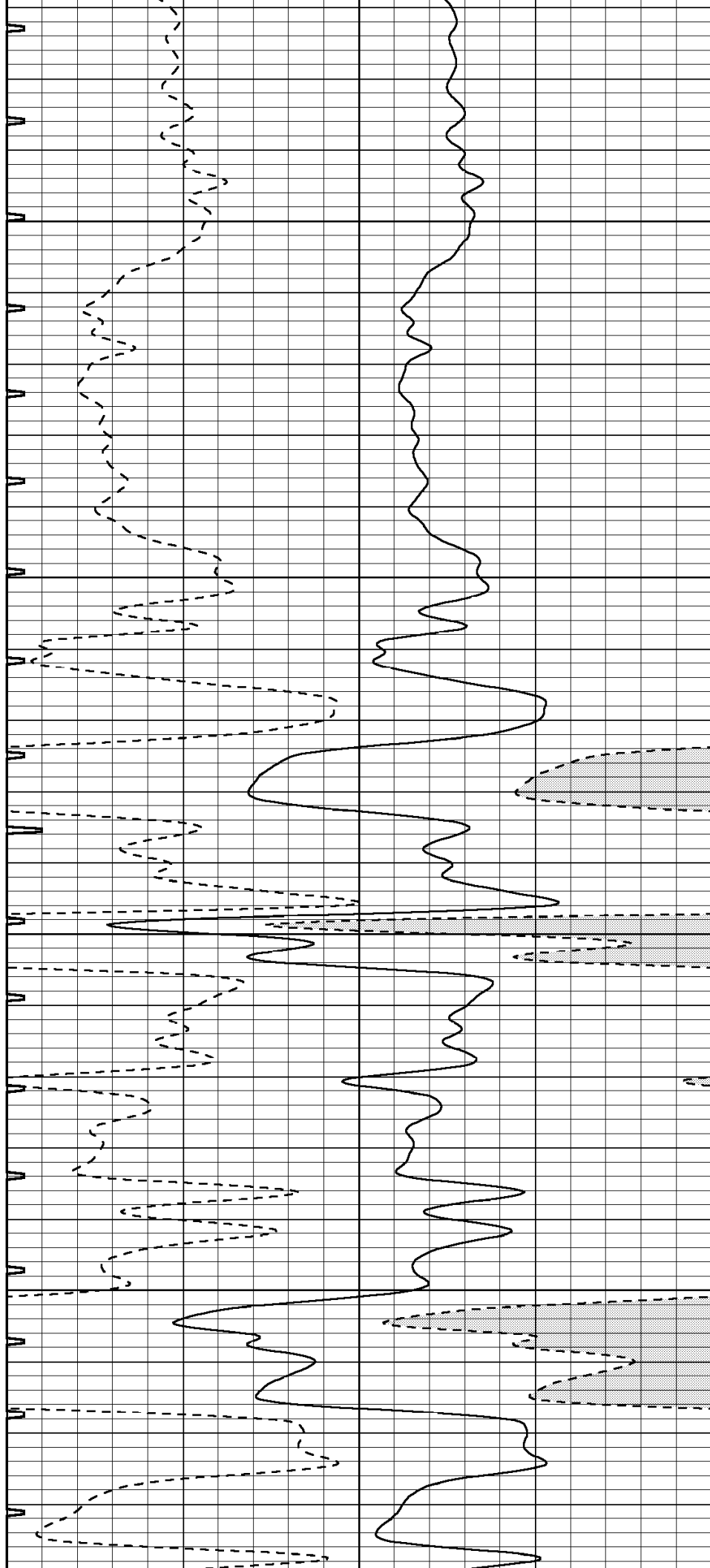


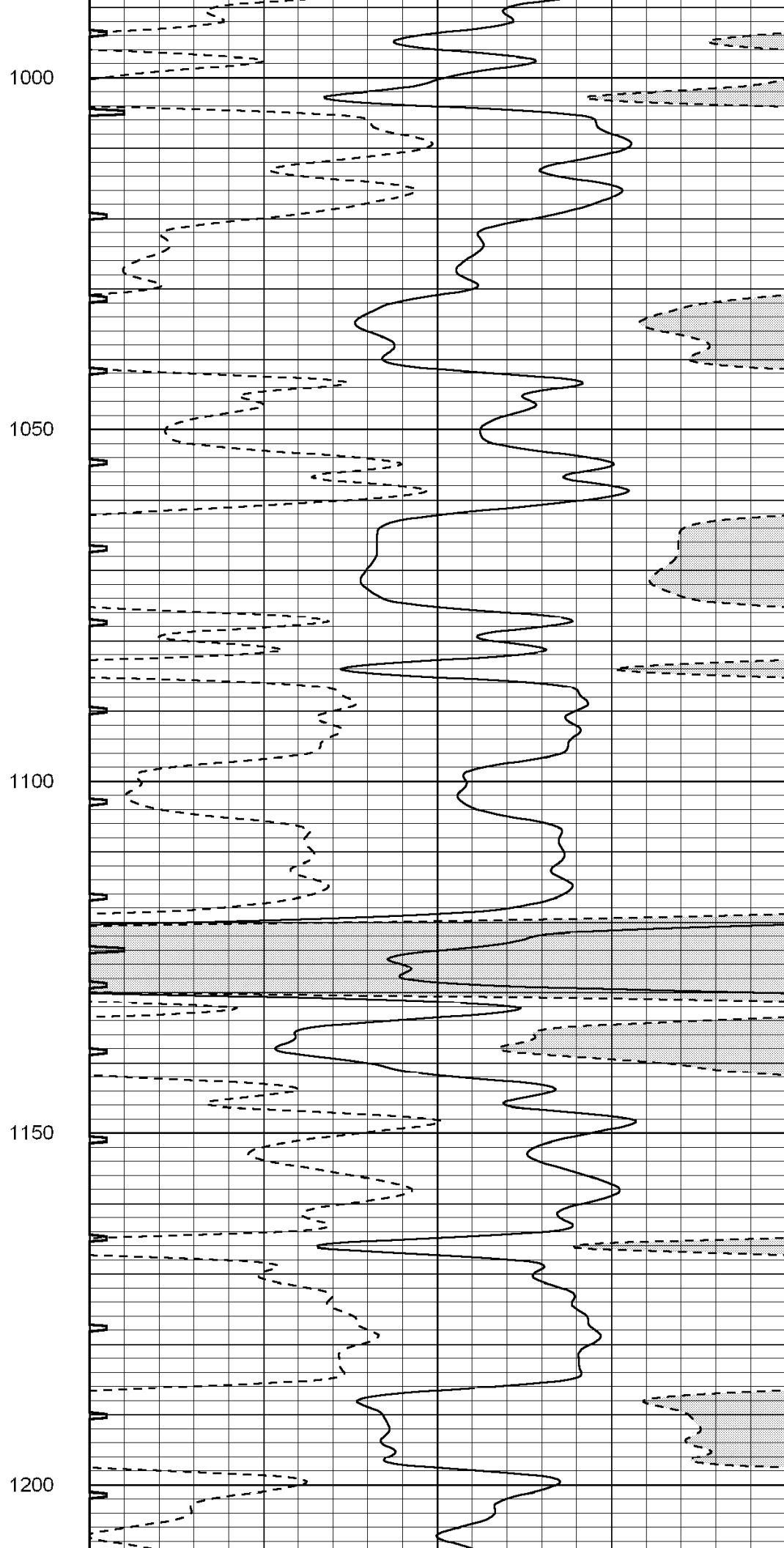
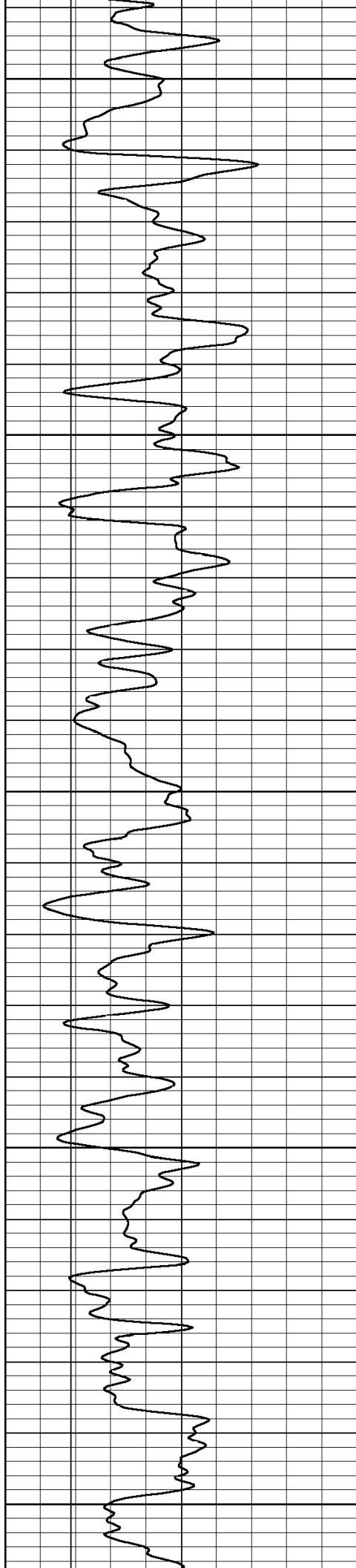
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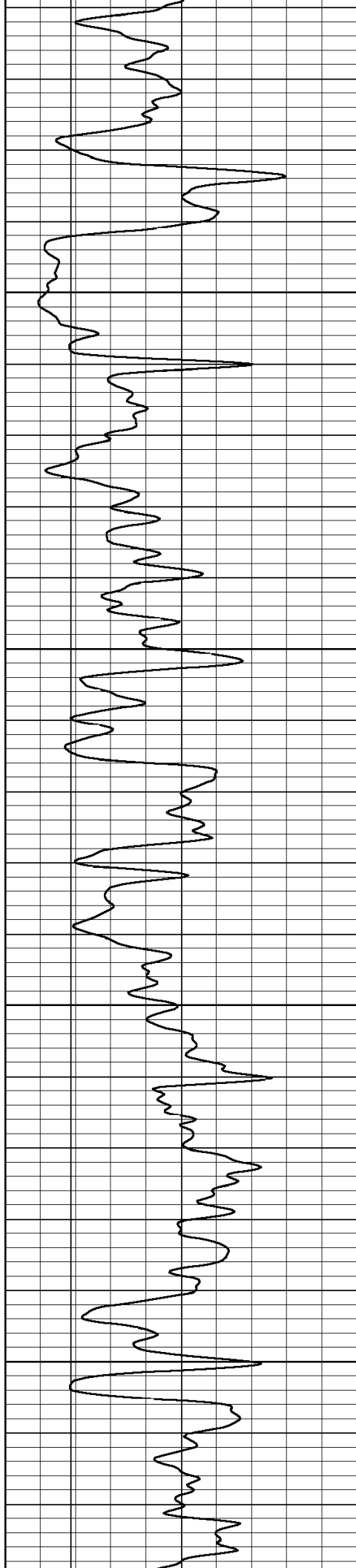
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900

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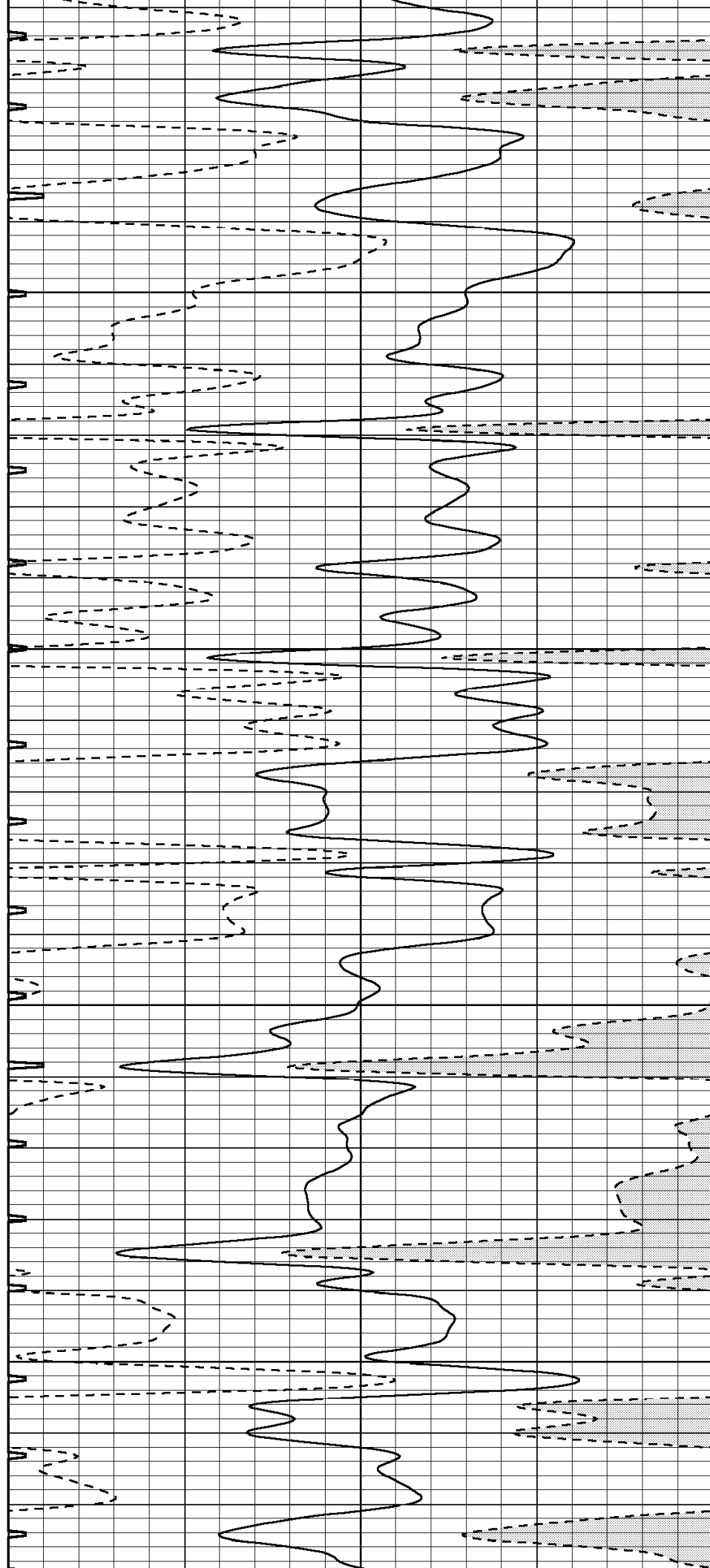


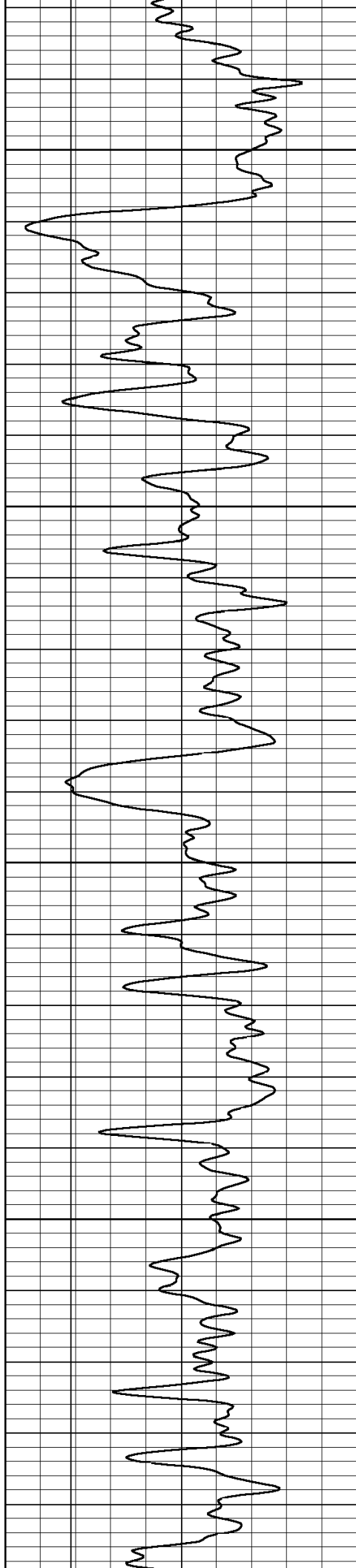
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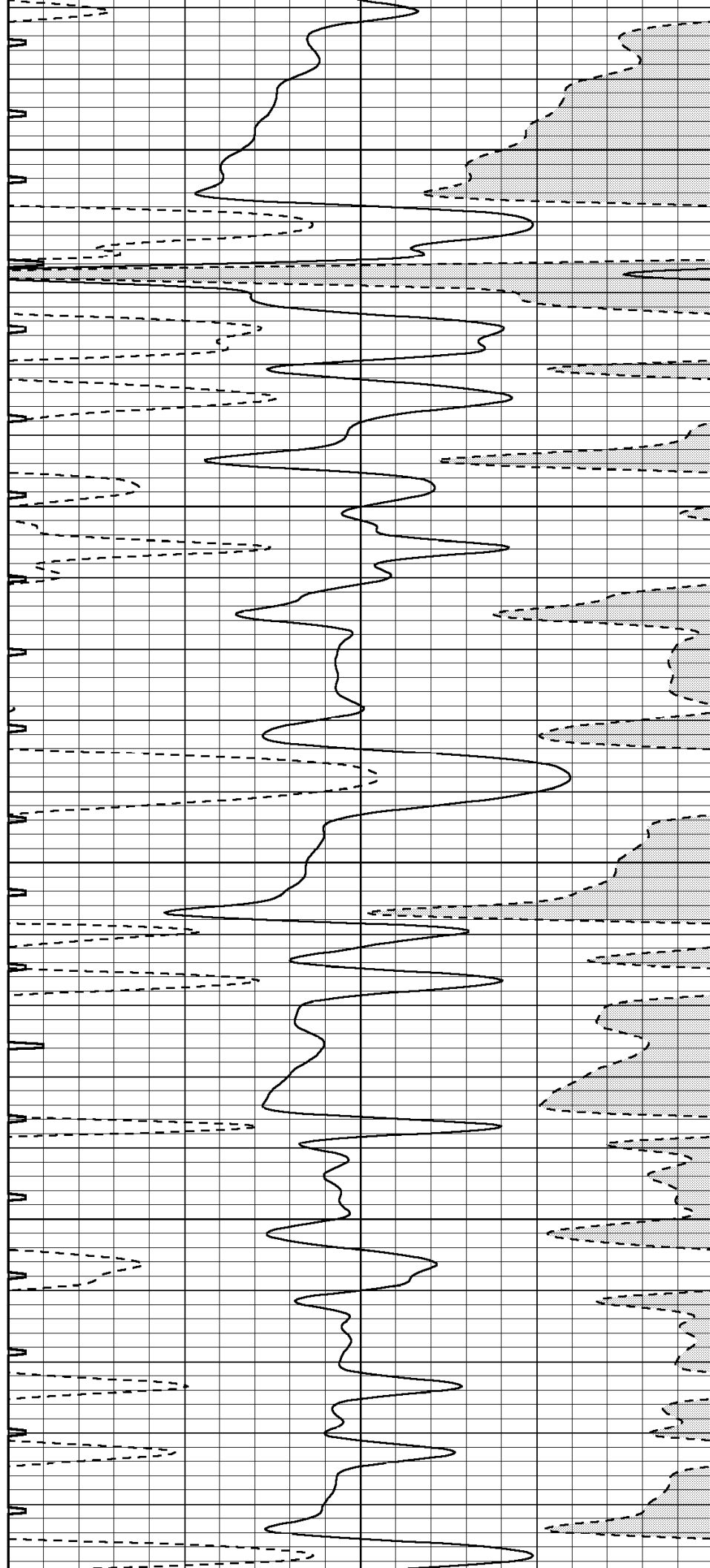
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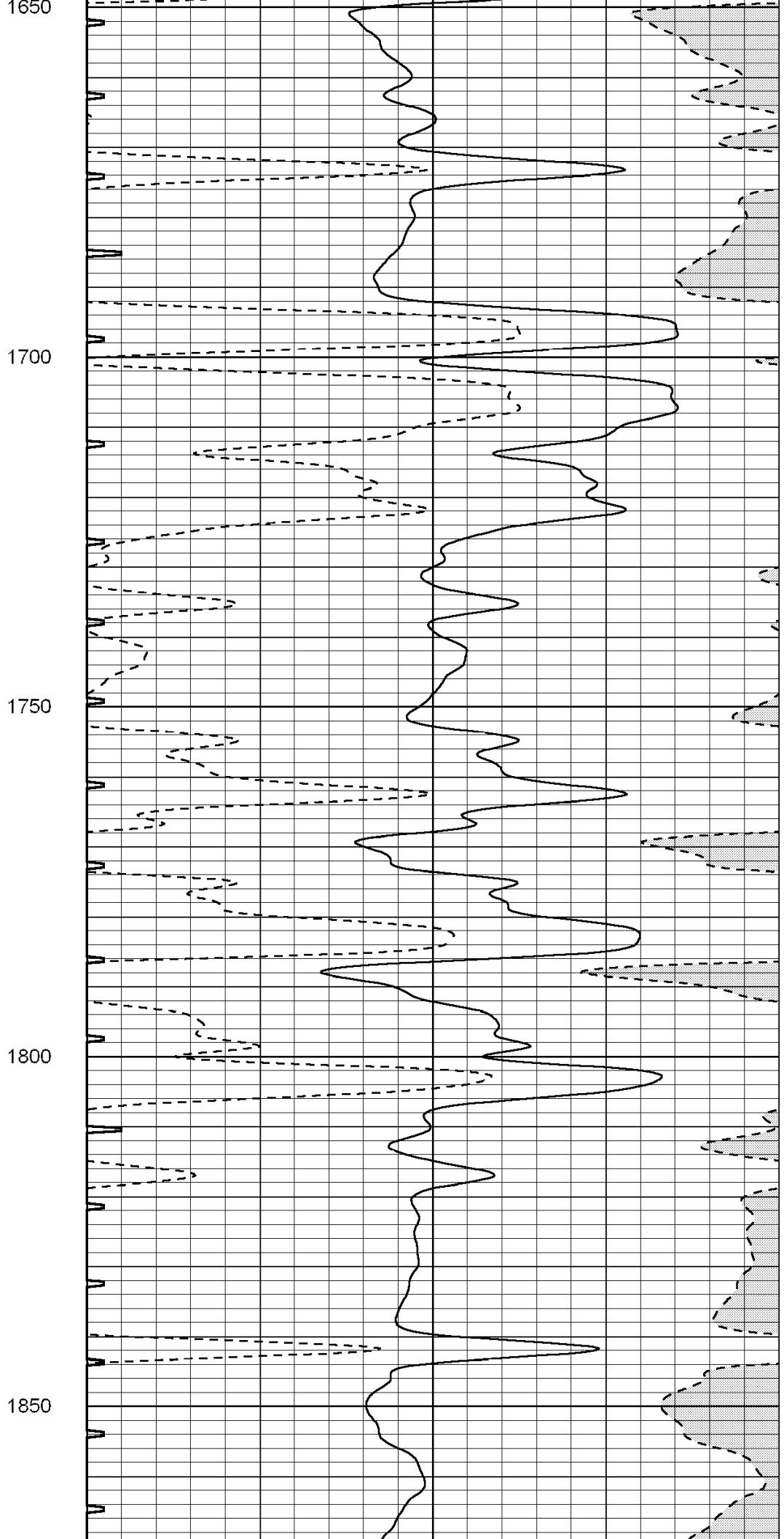
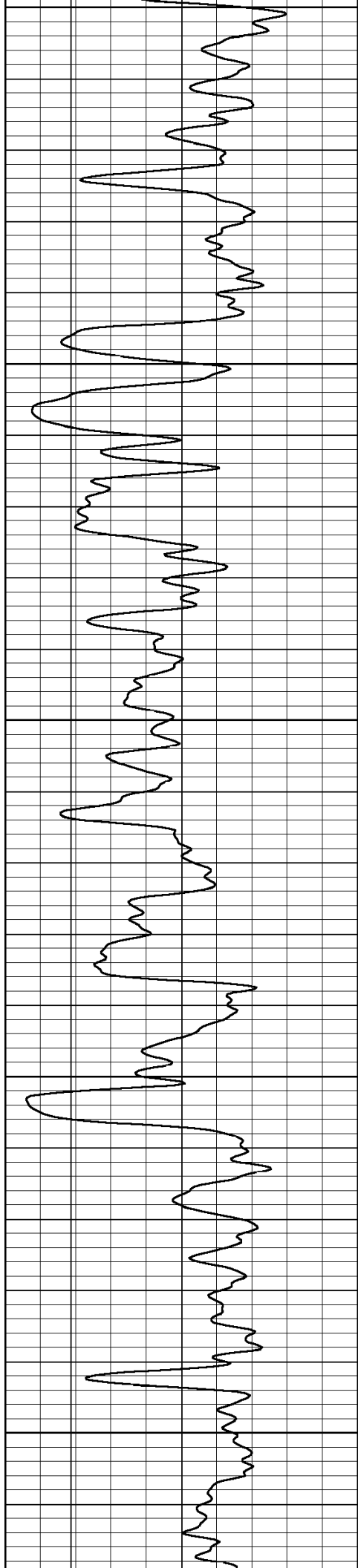
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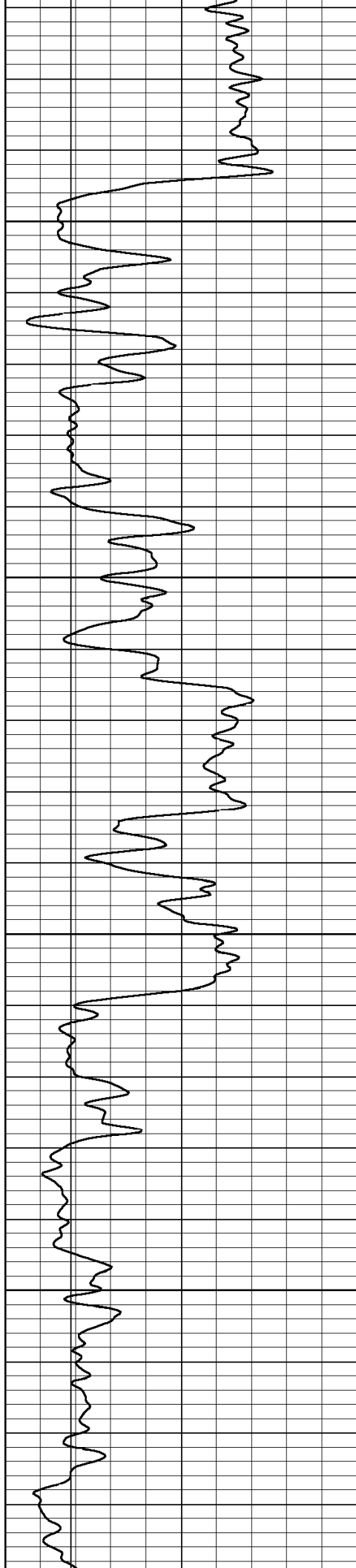
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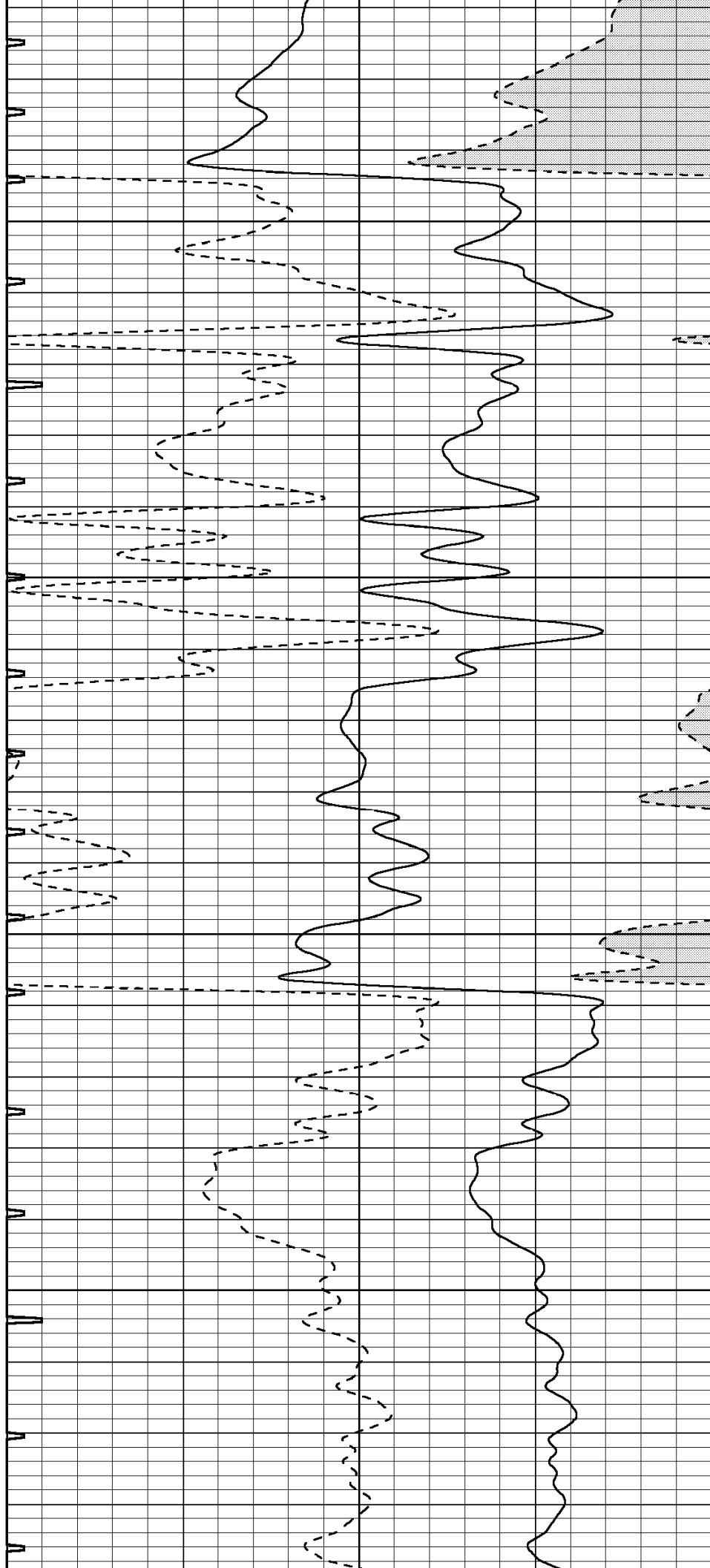


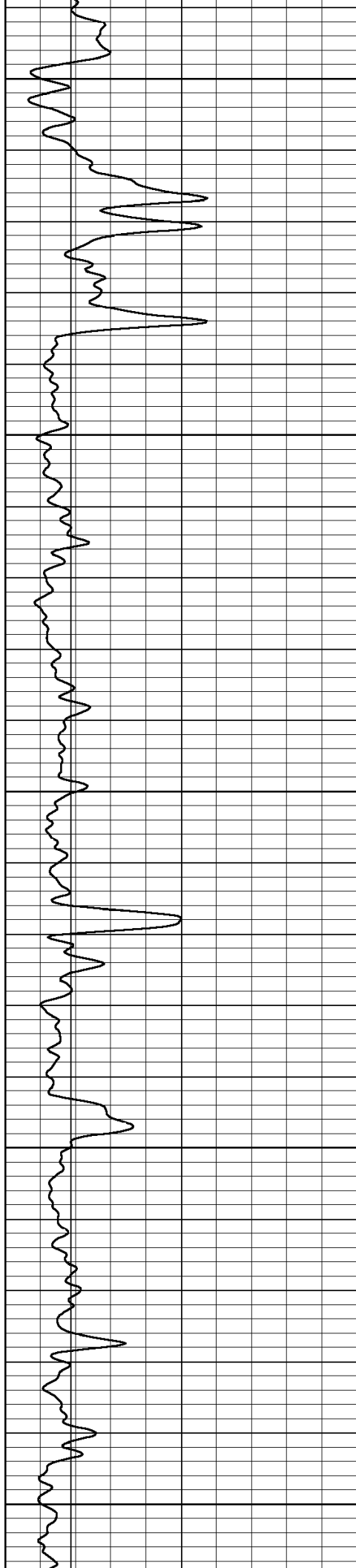
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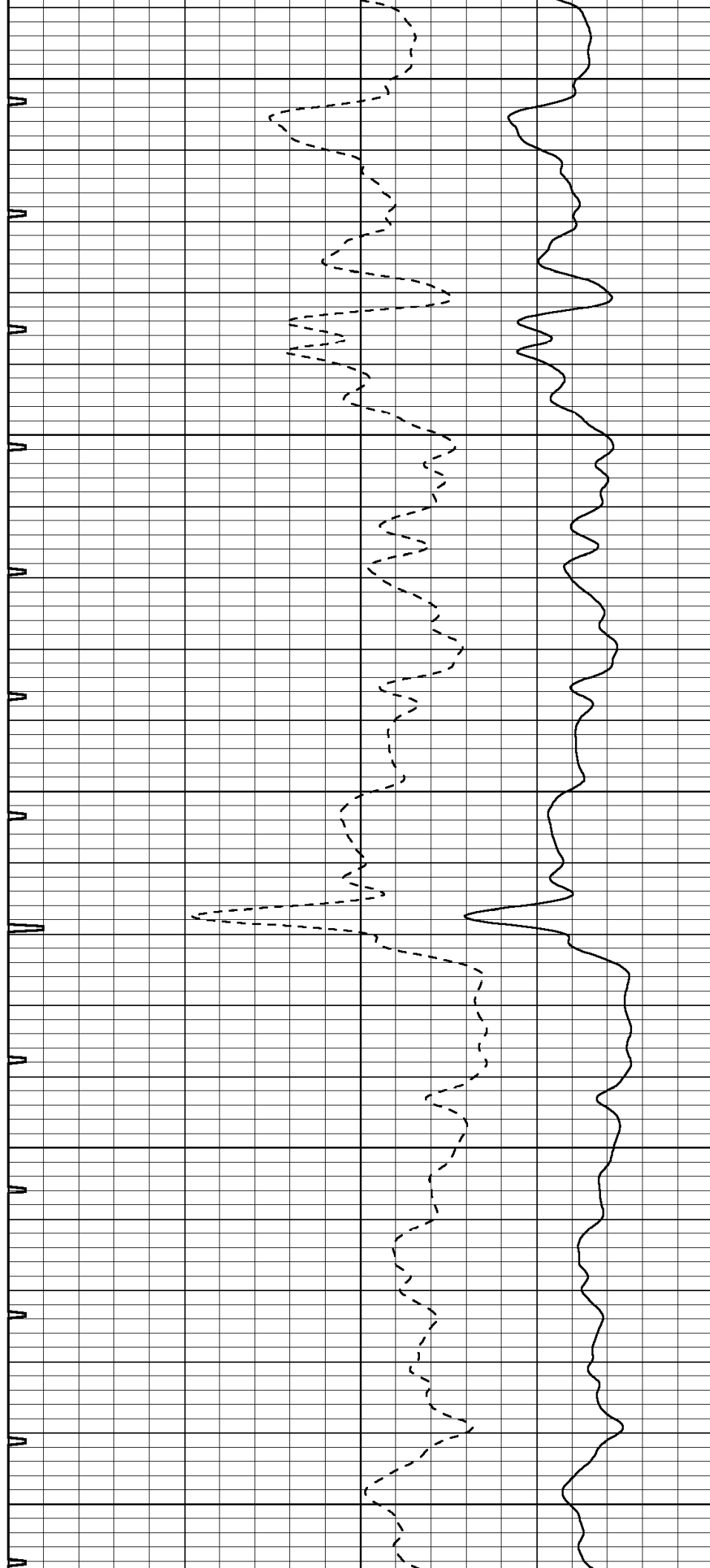
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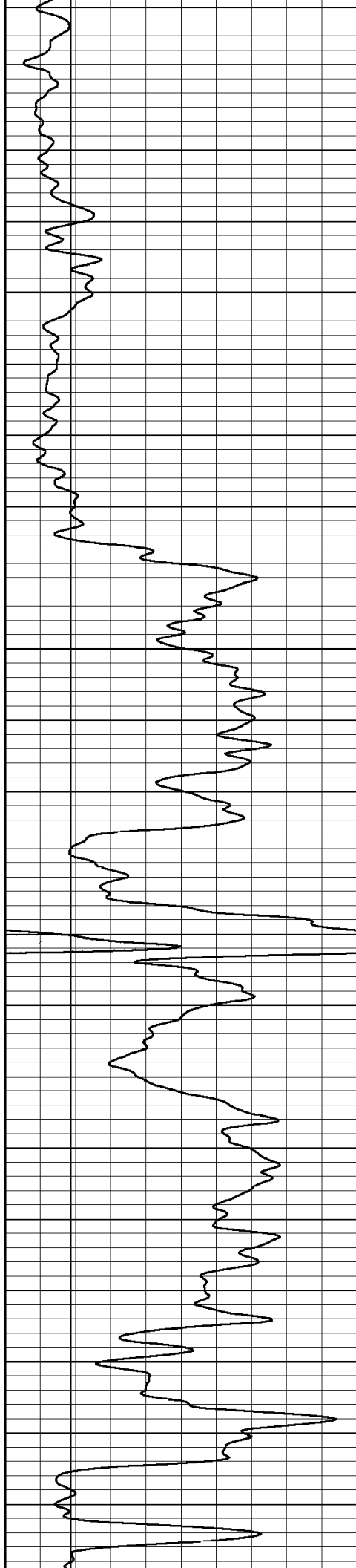
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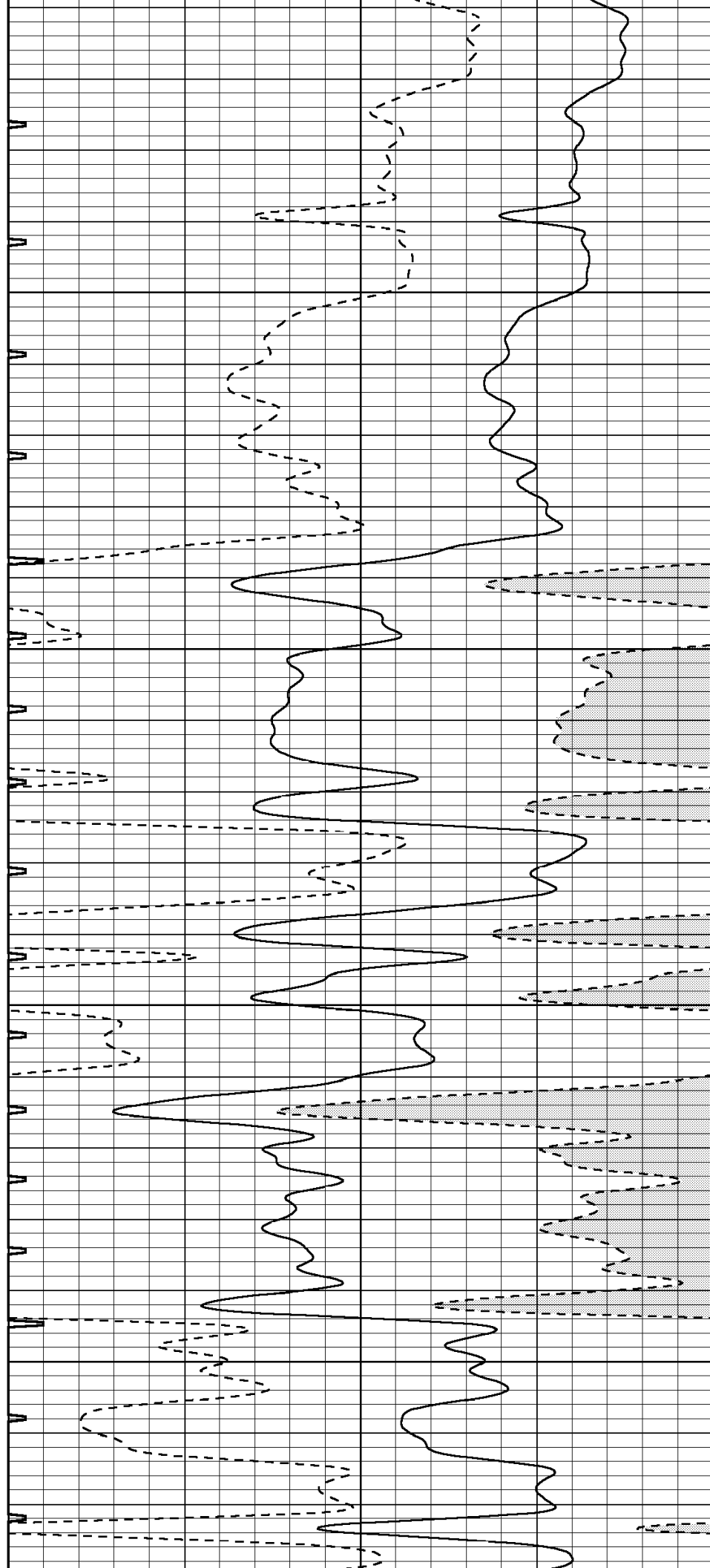


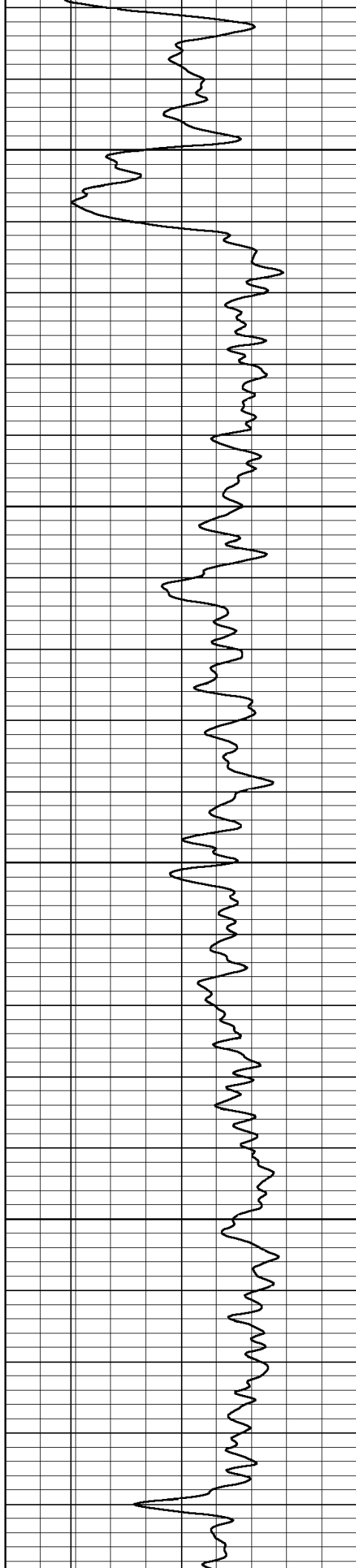
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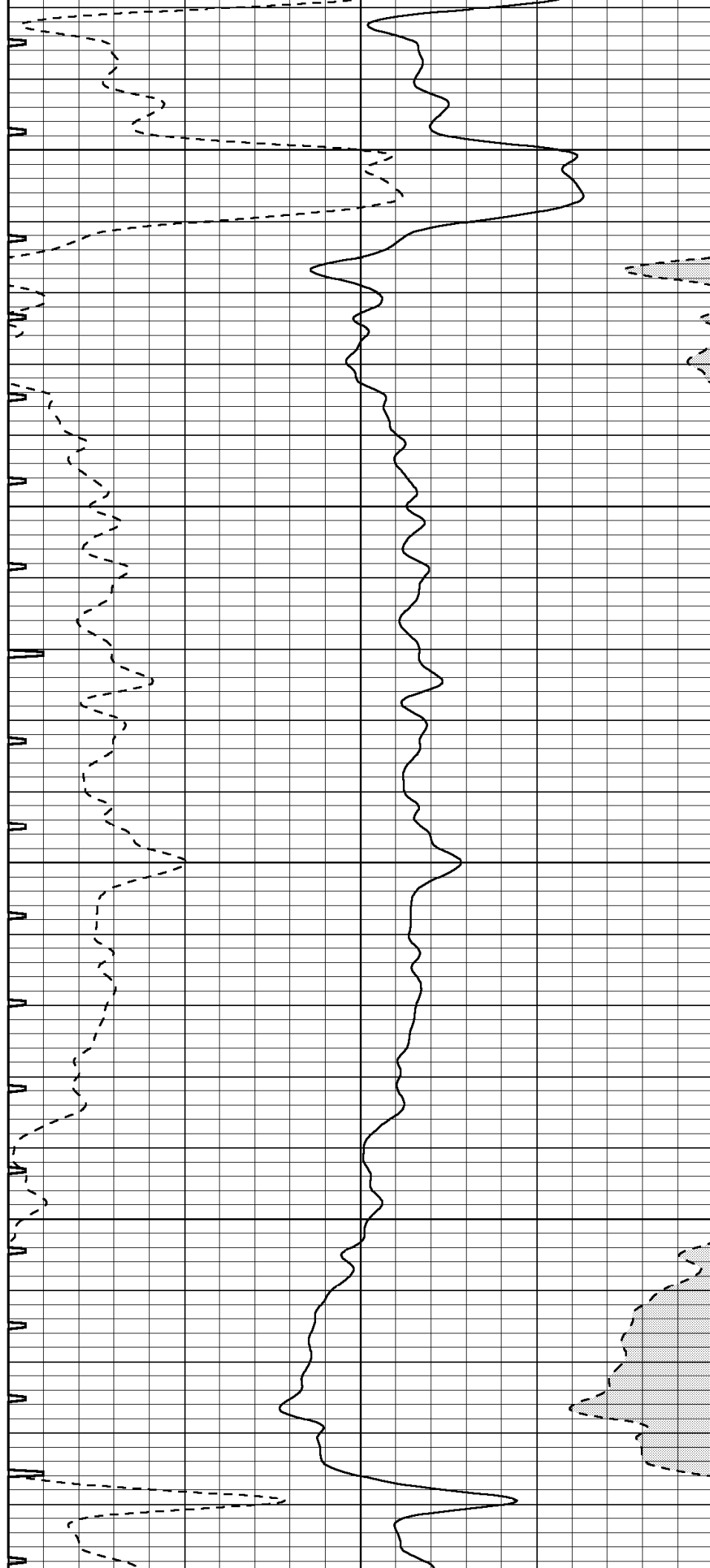


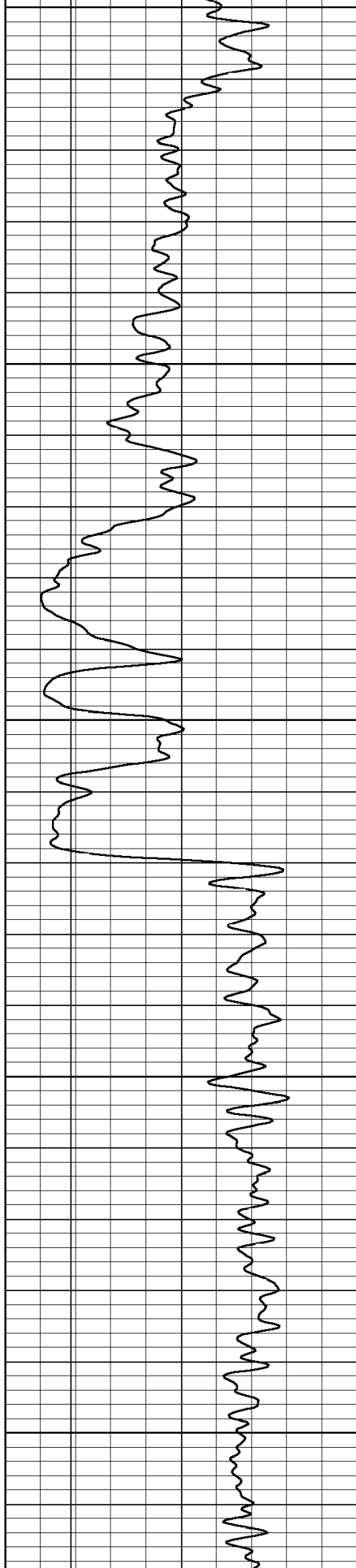
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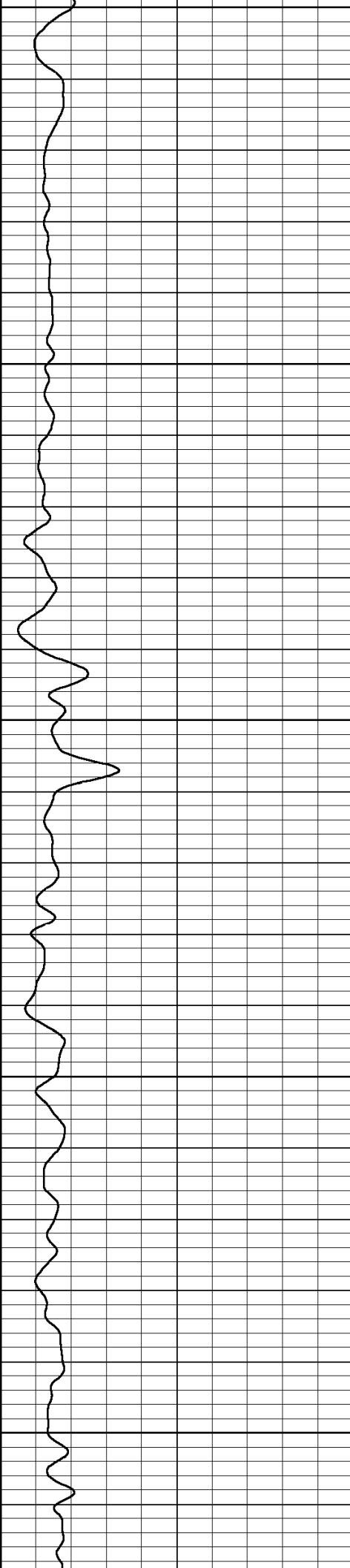
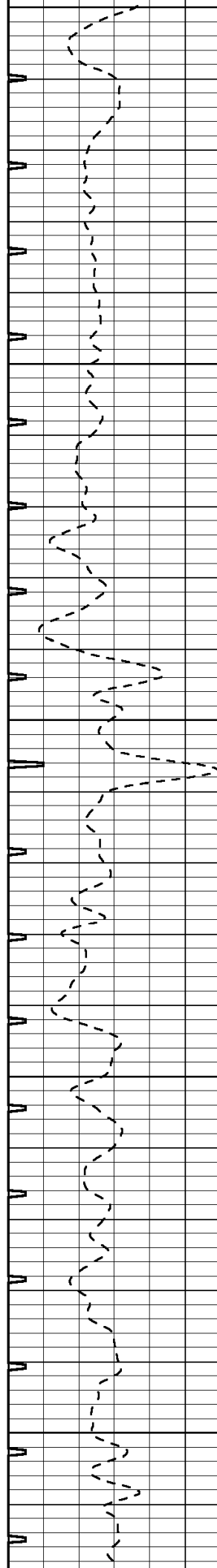
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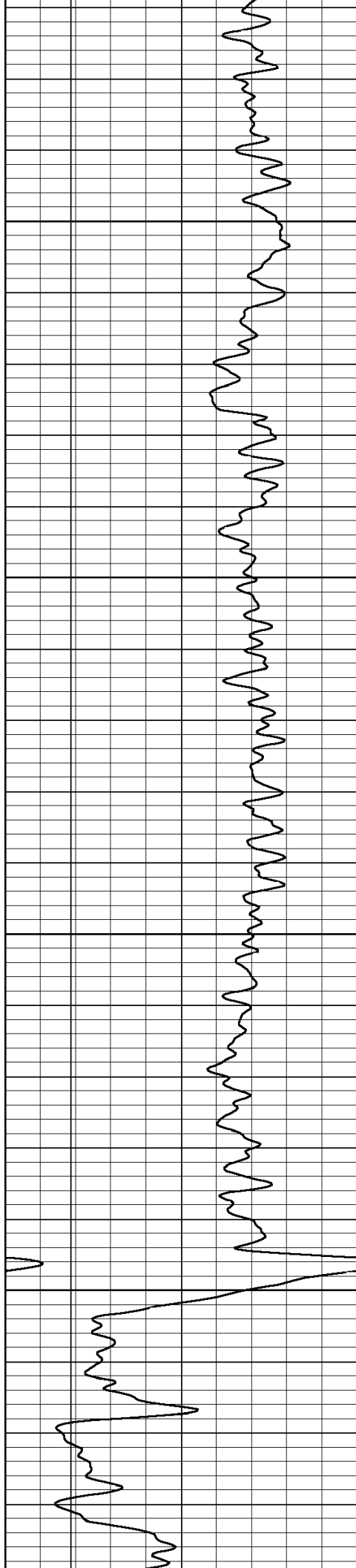
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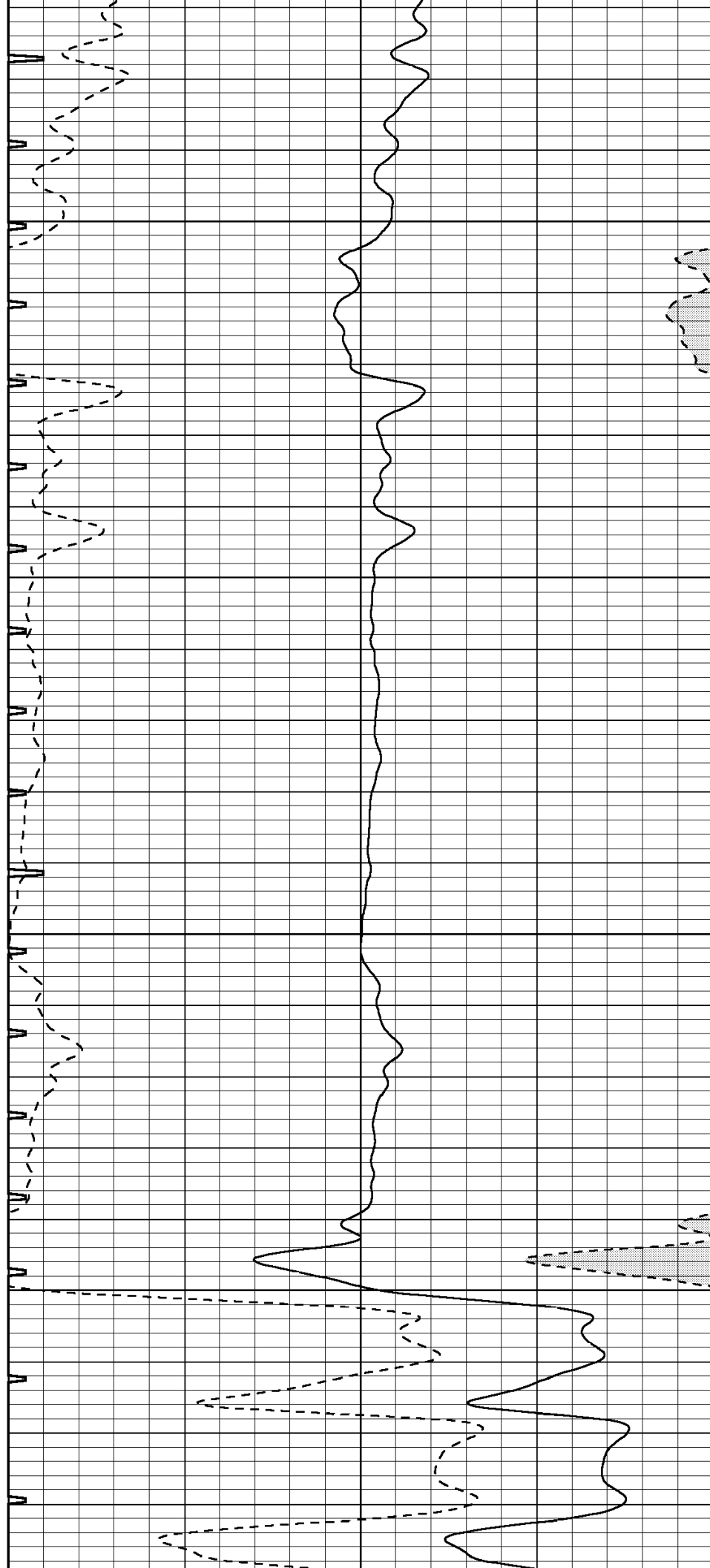


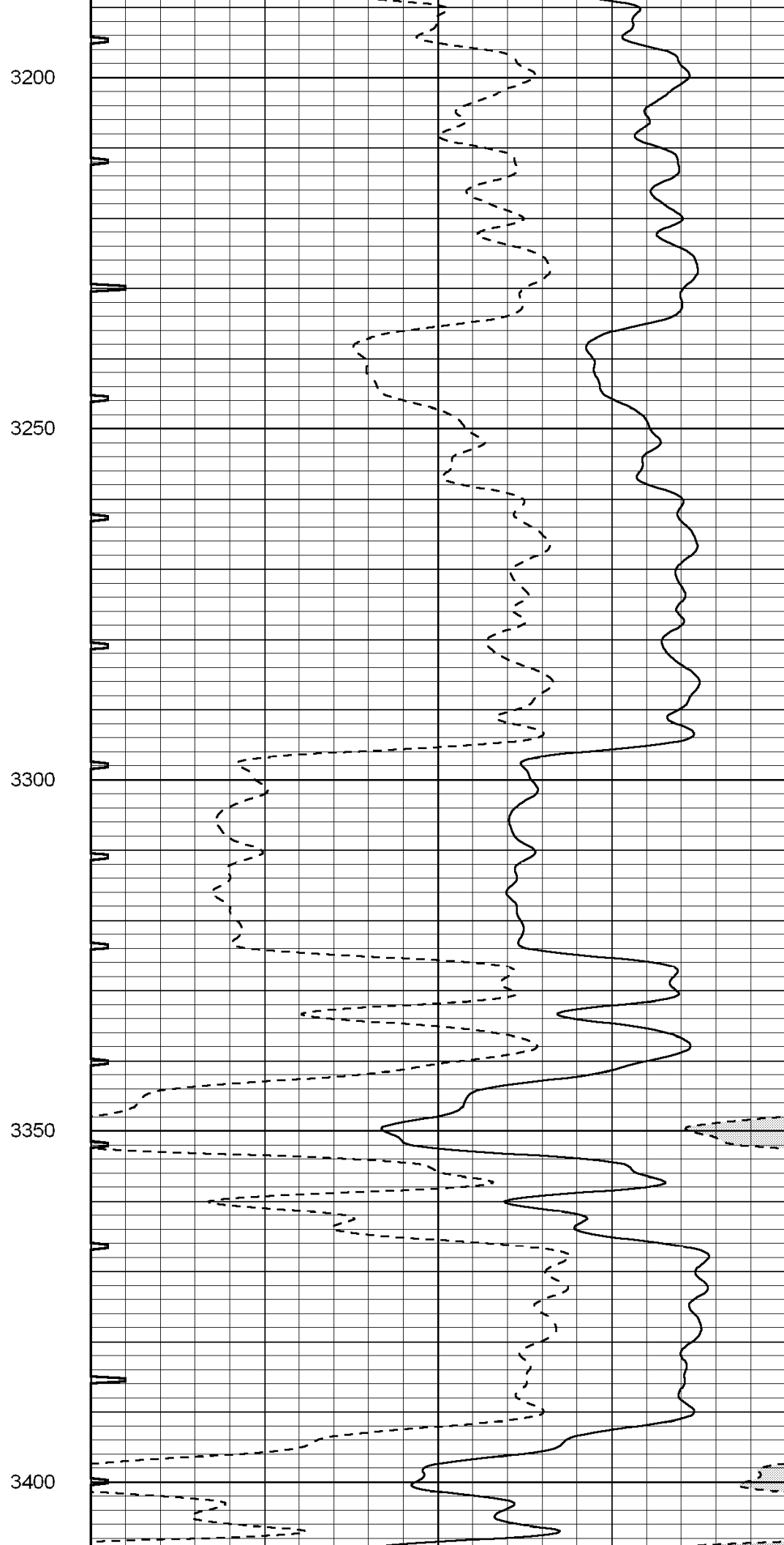
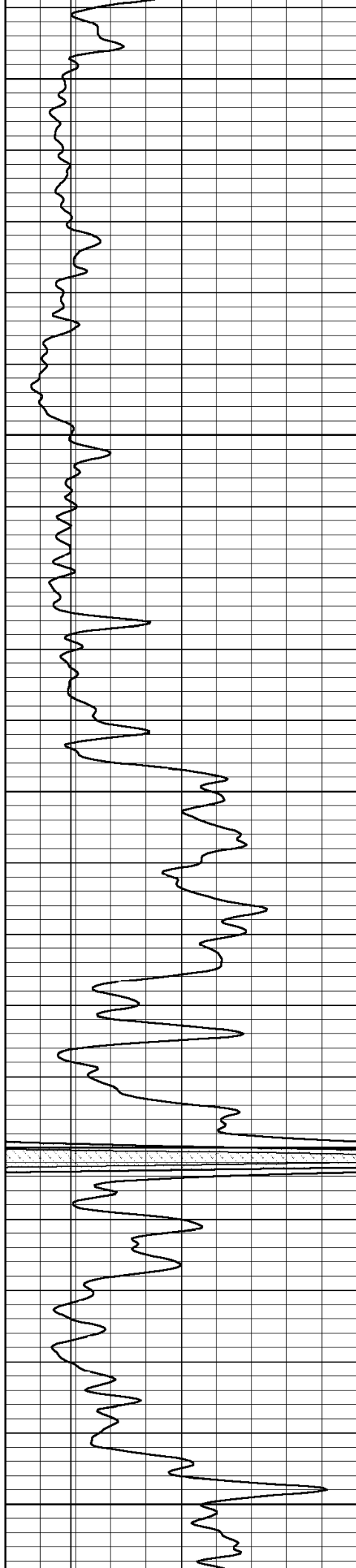
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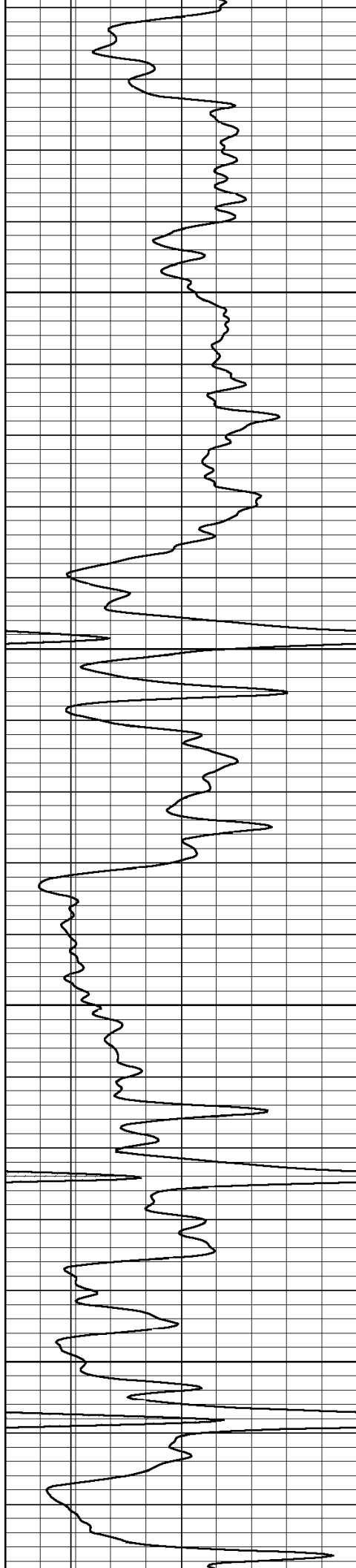
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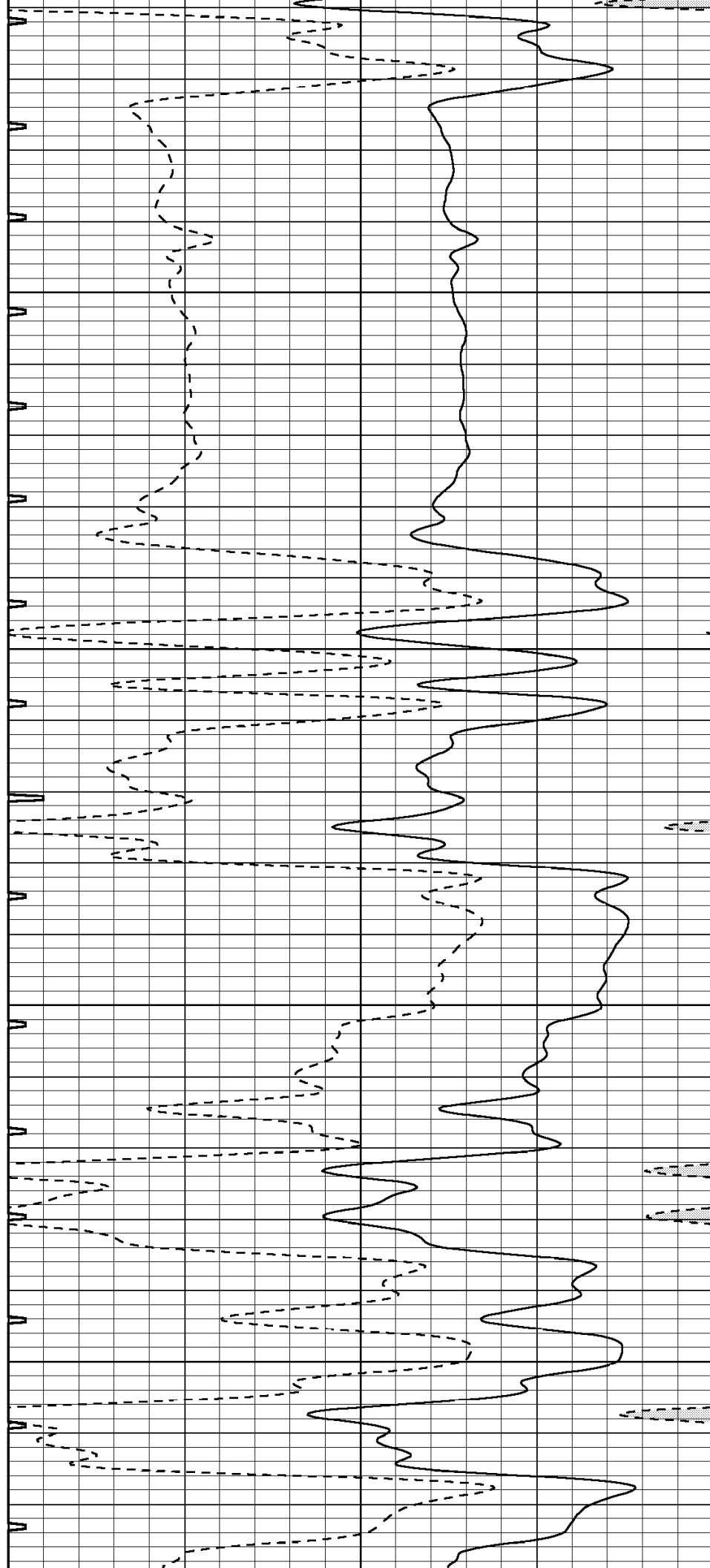


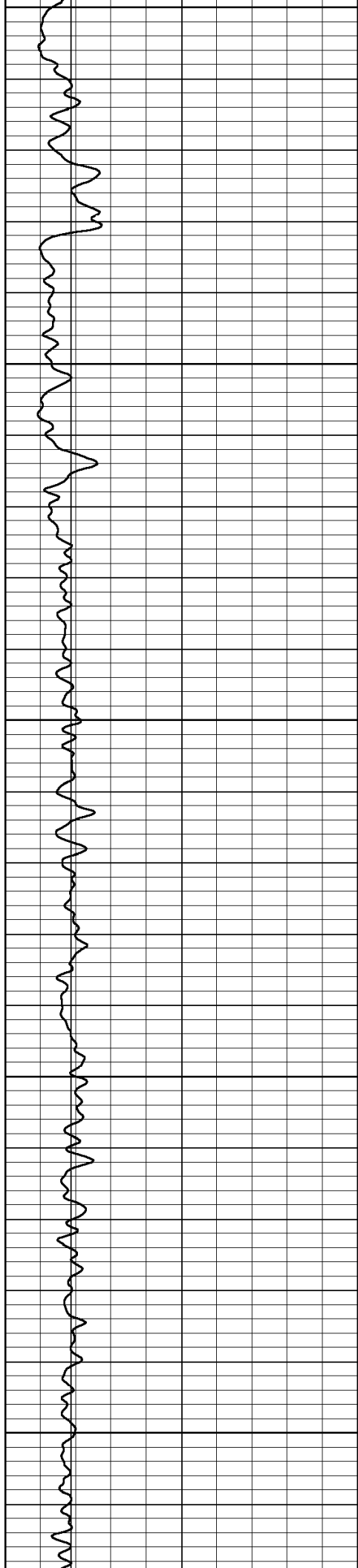
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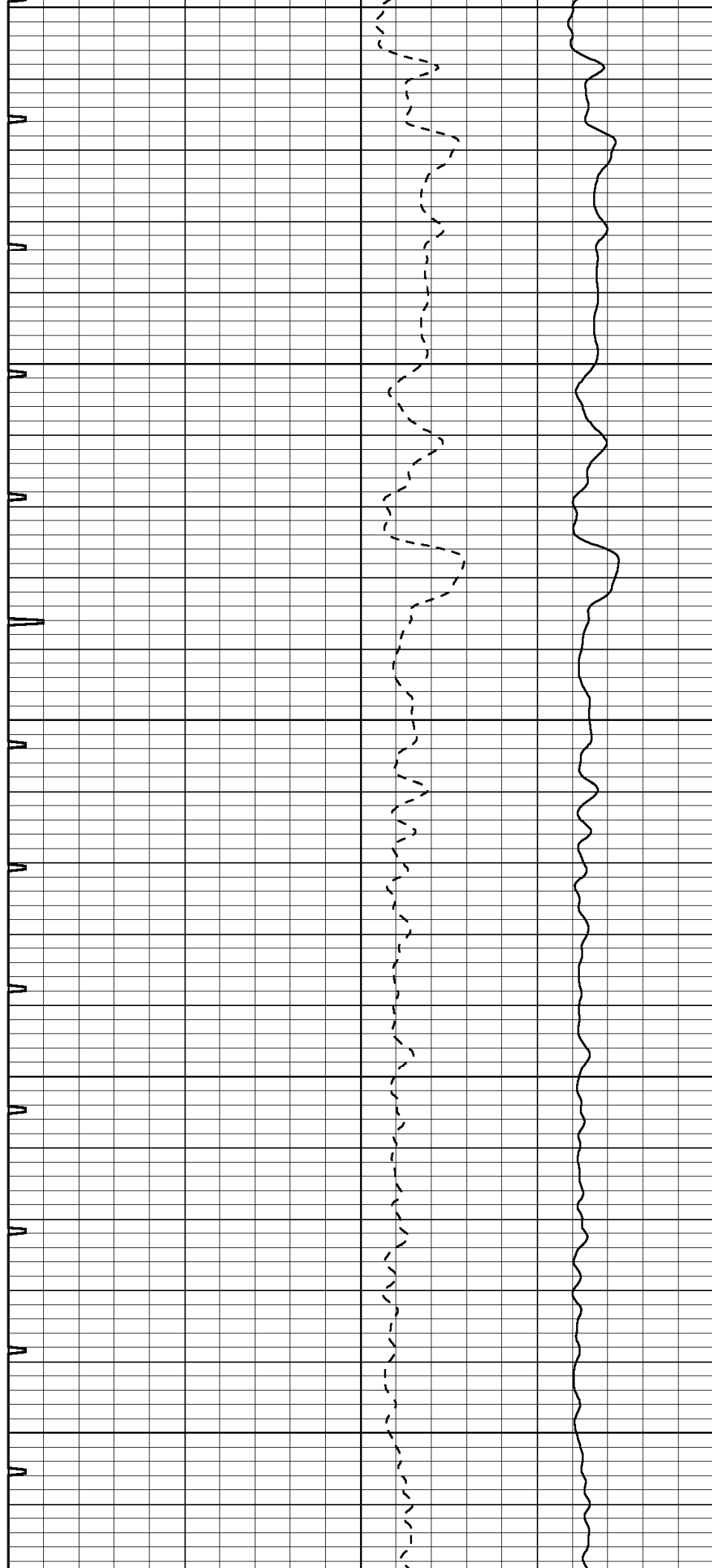
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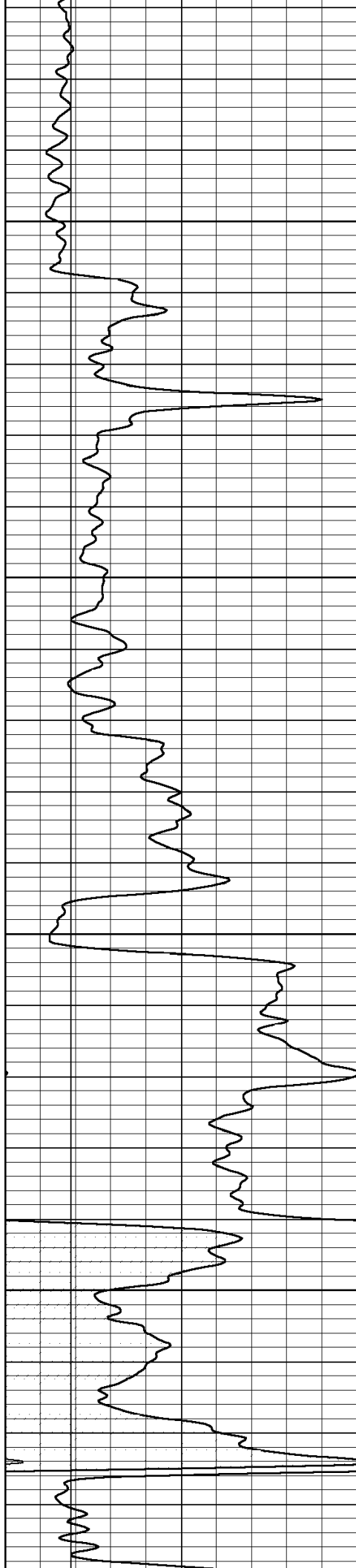
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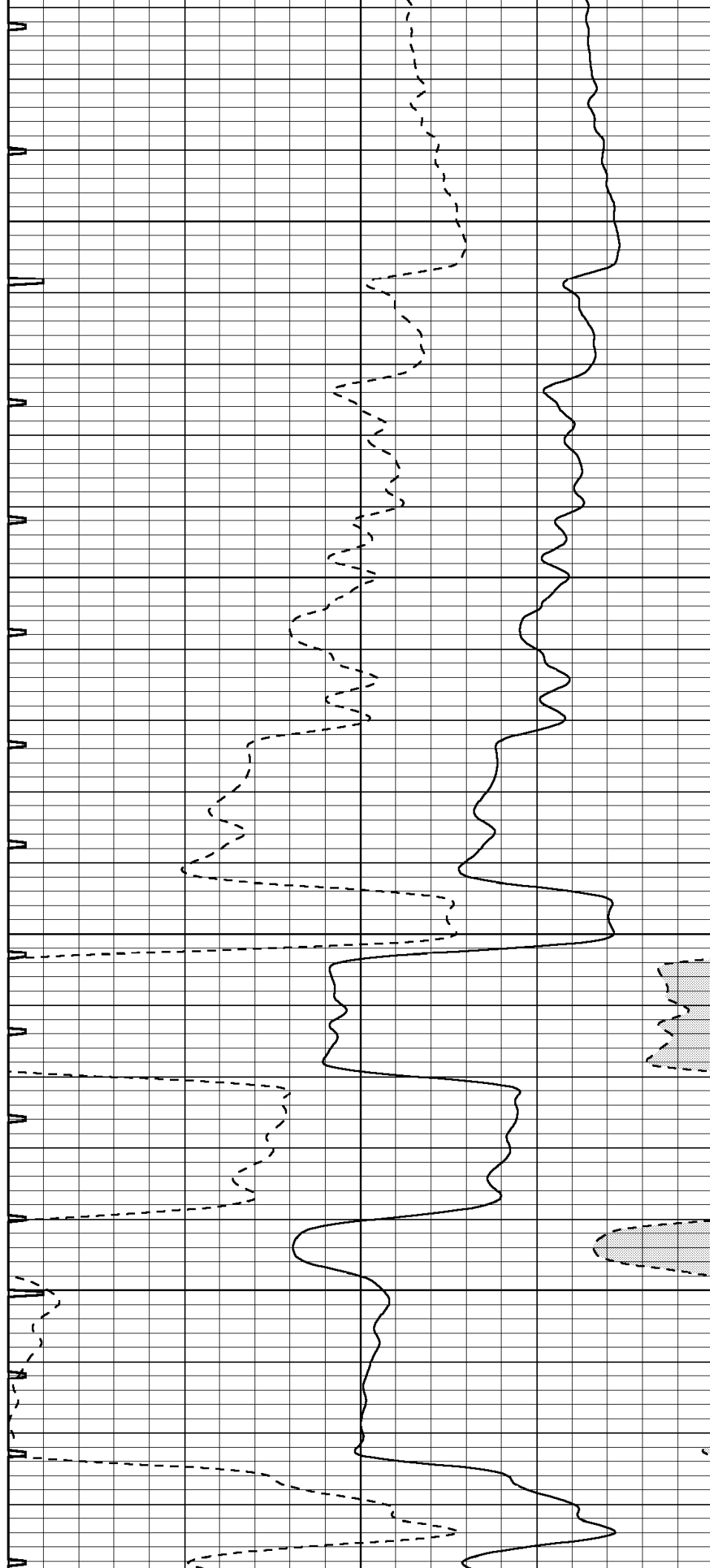


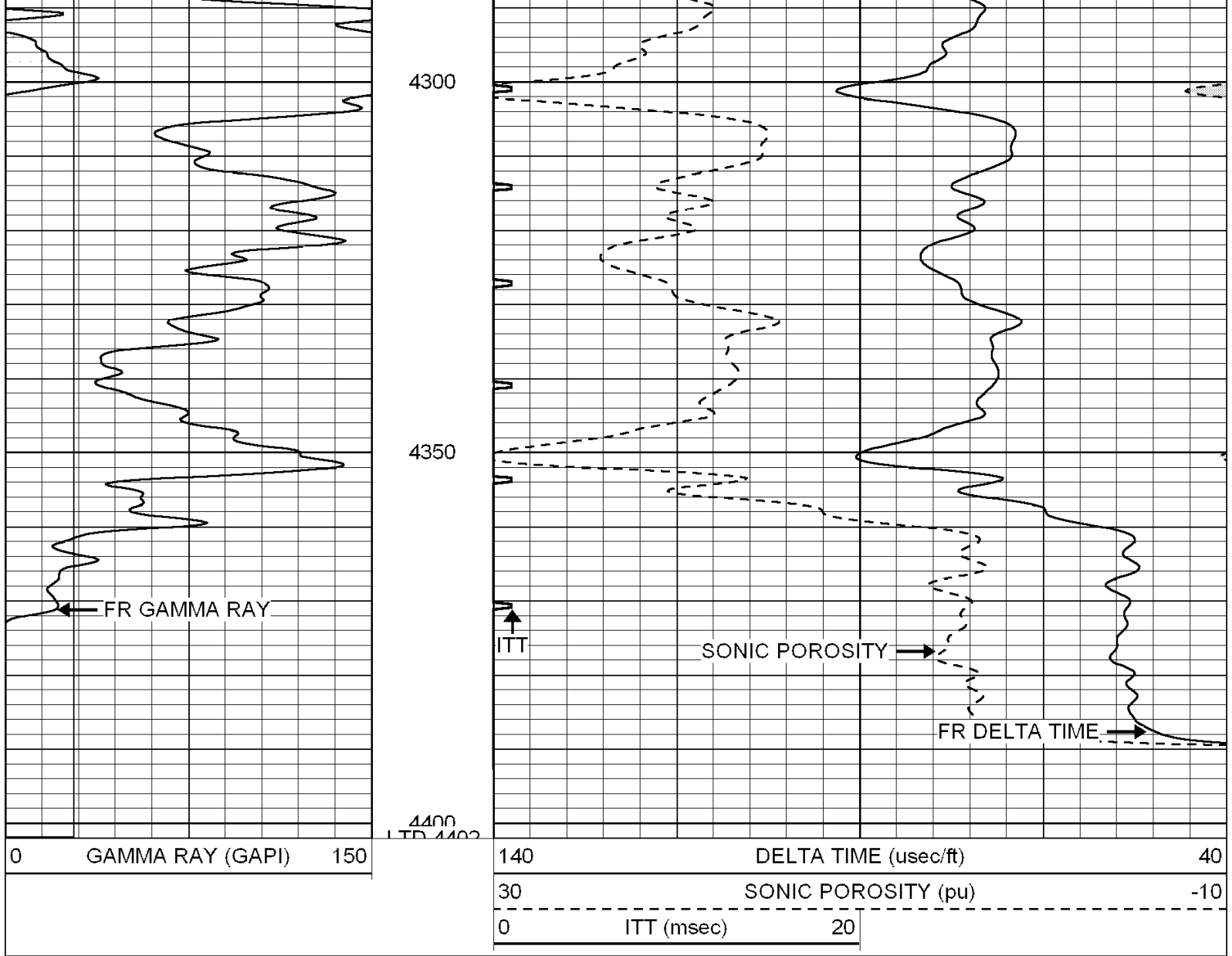
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SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 004631pe.db
 Dataset Pathname: pass7.2
 Presentation Format: slt
 Dataset Creation: Tue Nov 24 21:30:23 2009
 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
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

