



SUPERIOR
Hays,
Kansas

SONIC LOG

Company	MAI OIL OPERATIONS, INC.		
Well	3 SISTERS #3		
Field	CLARA		
County	PRATT	State	KANSAS
Location:	APL # : 15-151-22383-0000		Other Services CDL/CNL/PE DIL/MEL
Permanent Datum	GROUND LEVEL		
Log Measured From	500' FSL & 845' FEL NE - SW - SE - SE		Elevation K.B. 1976 D.F. 1974 G.L. 1964
Drilling Measured From	SEC 35 TWP 29S RGE 14W KELLY BUSHING		
Date	12/19/11		
Run Number	TWO		
Depth Driller	4625		
Depth Logger	4626		
Bottom Logged Interval	4615		
Top Log Interval	200		
Casing Driller	13 3/8" @ 285'		
Casing Logger	283		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9,000 PPM	
Density / Viscosity	9.1/94		
pH / Fluid Loss	9.5/14.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.420 @ 80F		
Rmt @ Meas. Temp	.315 @ 80F		
Rmc @ Meas. Temp	.504 @ 80F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.275 @ 122F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	8:30 A.M.		
Maximum Recorded Temperature	122F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KURT TALBOTT	ALLEN BANGERT	

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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
COATS, KS., 1E., 3S., W. INTO

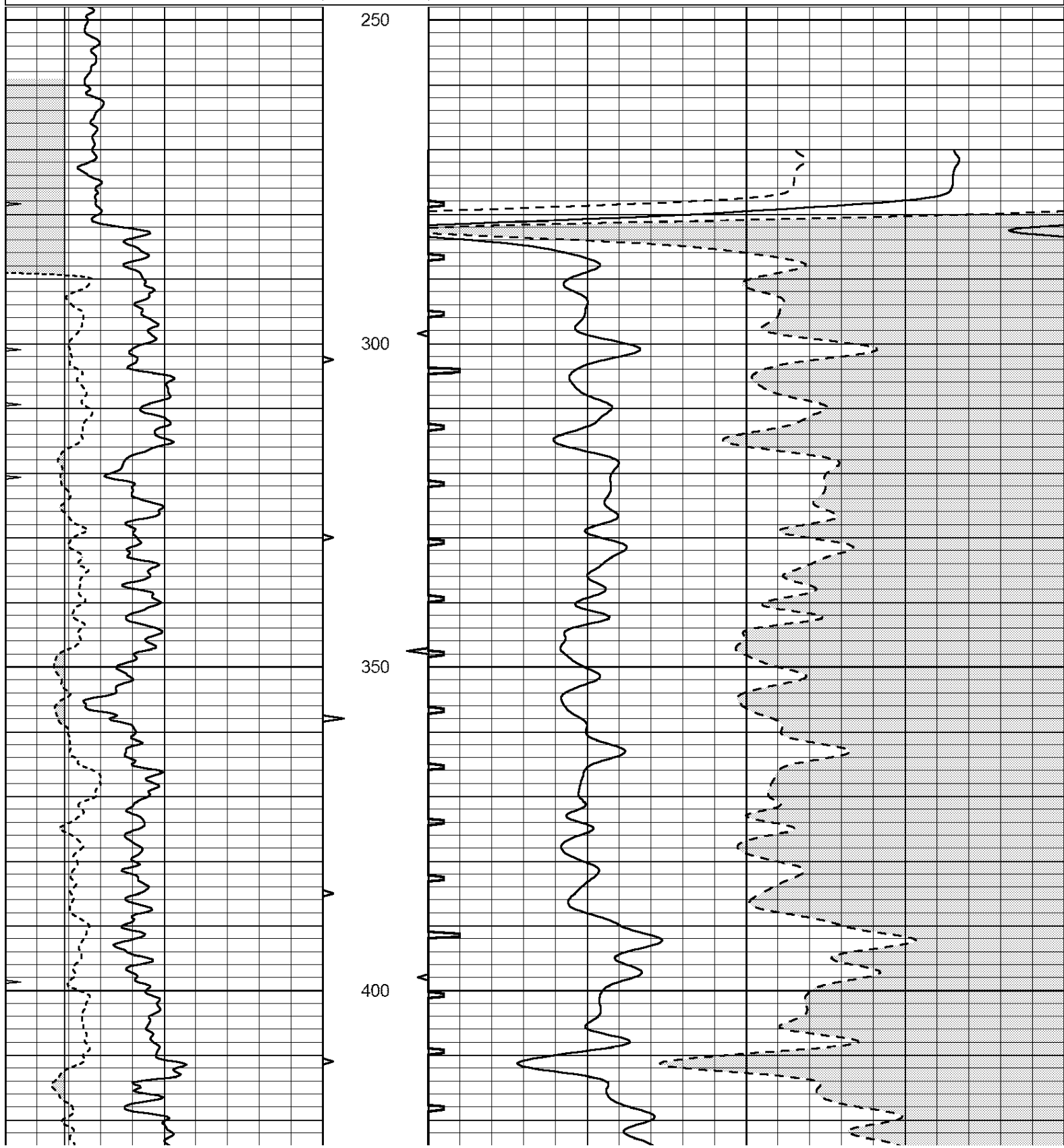


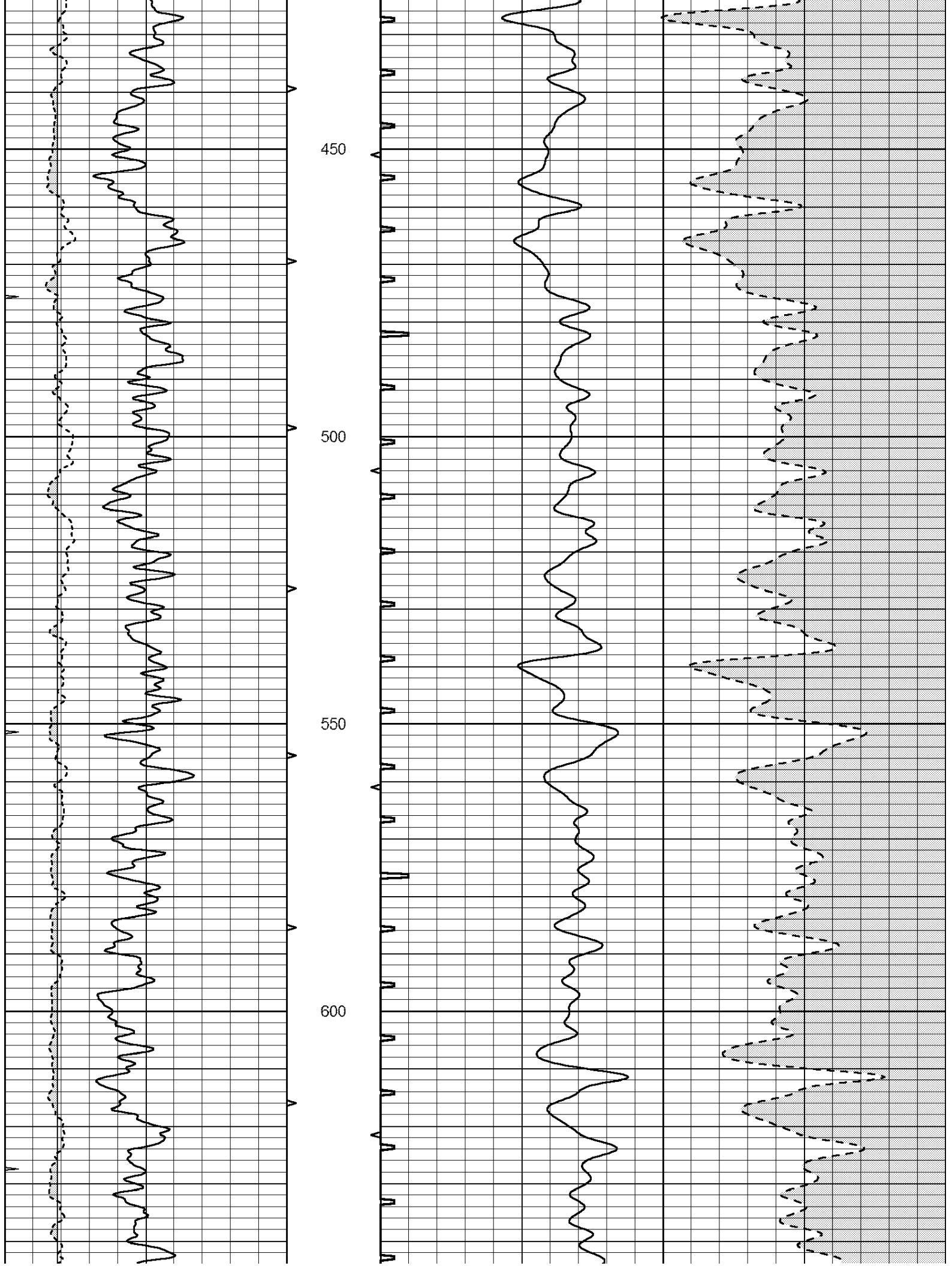
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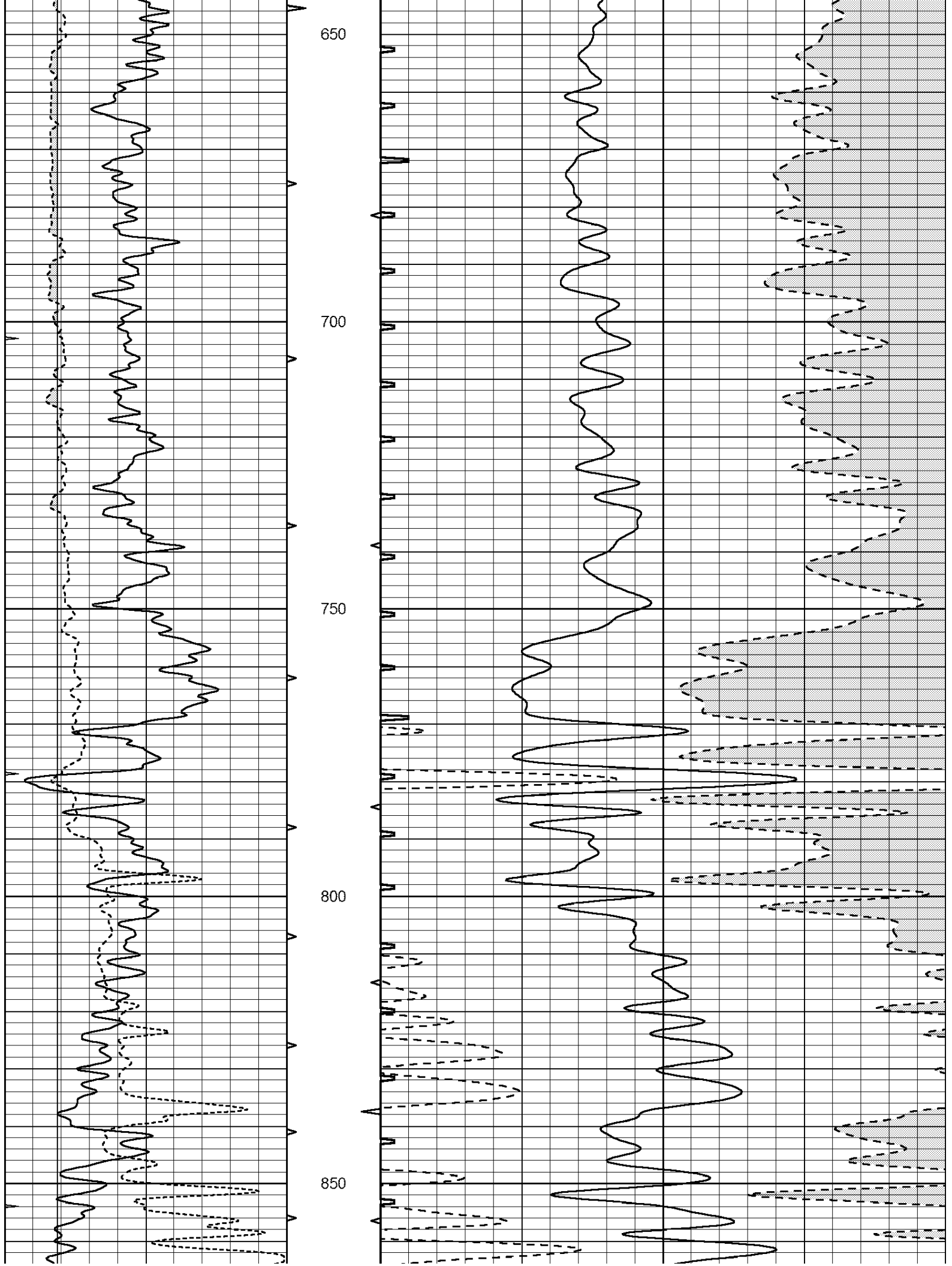
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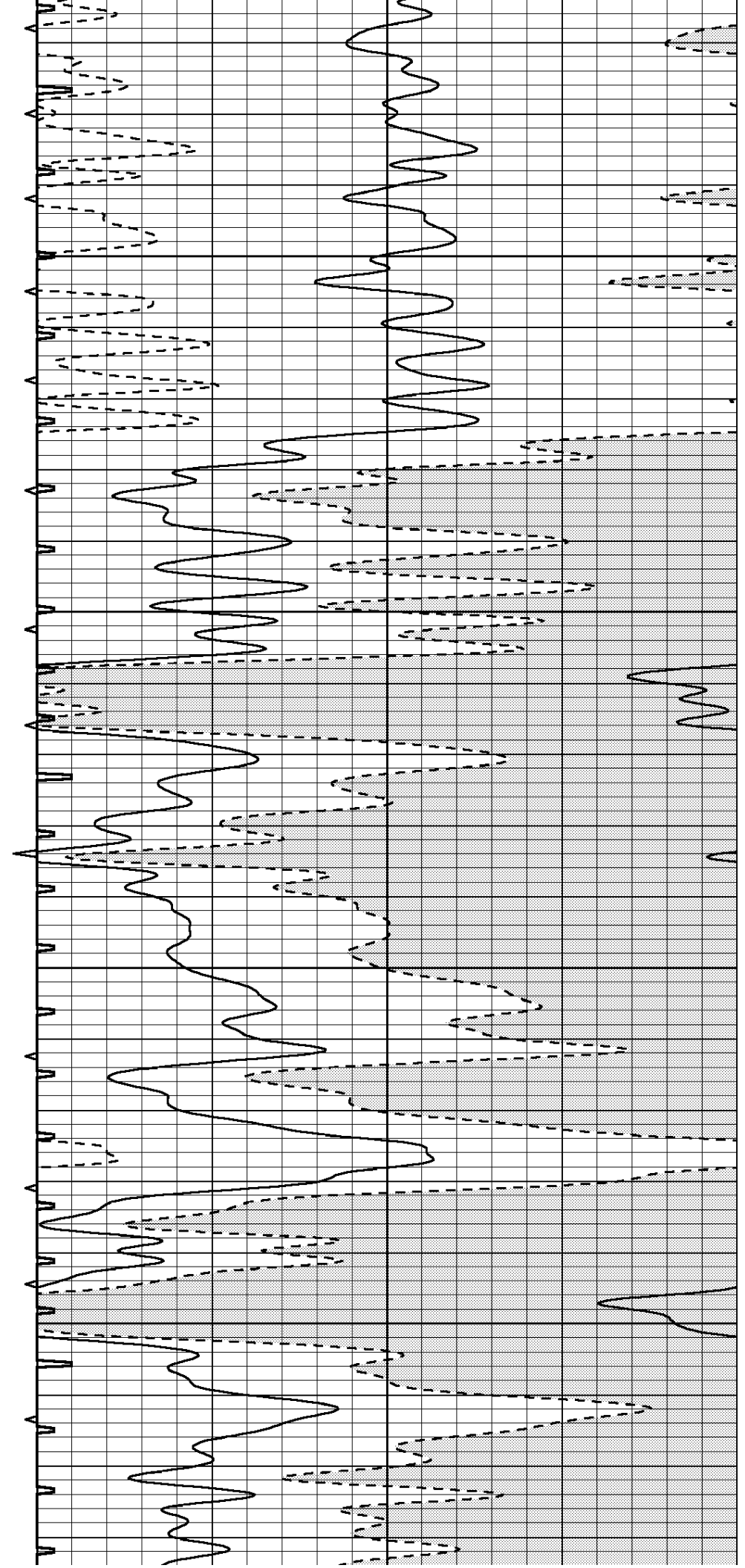
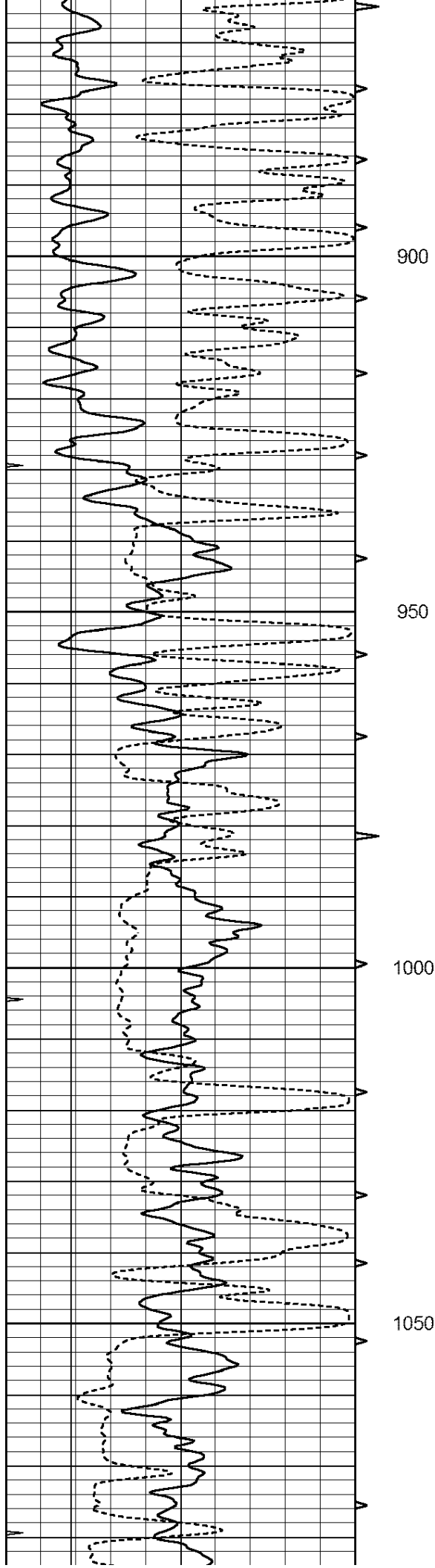
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Charted by: Depth in Feet scaled 1:240

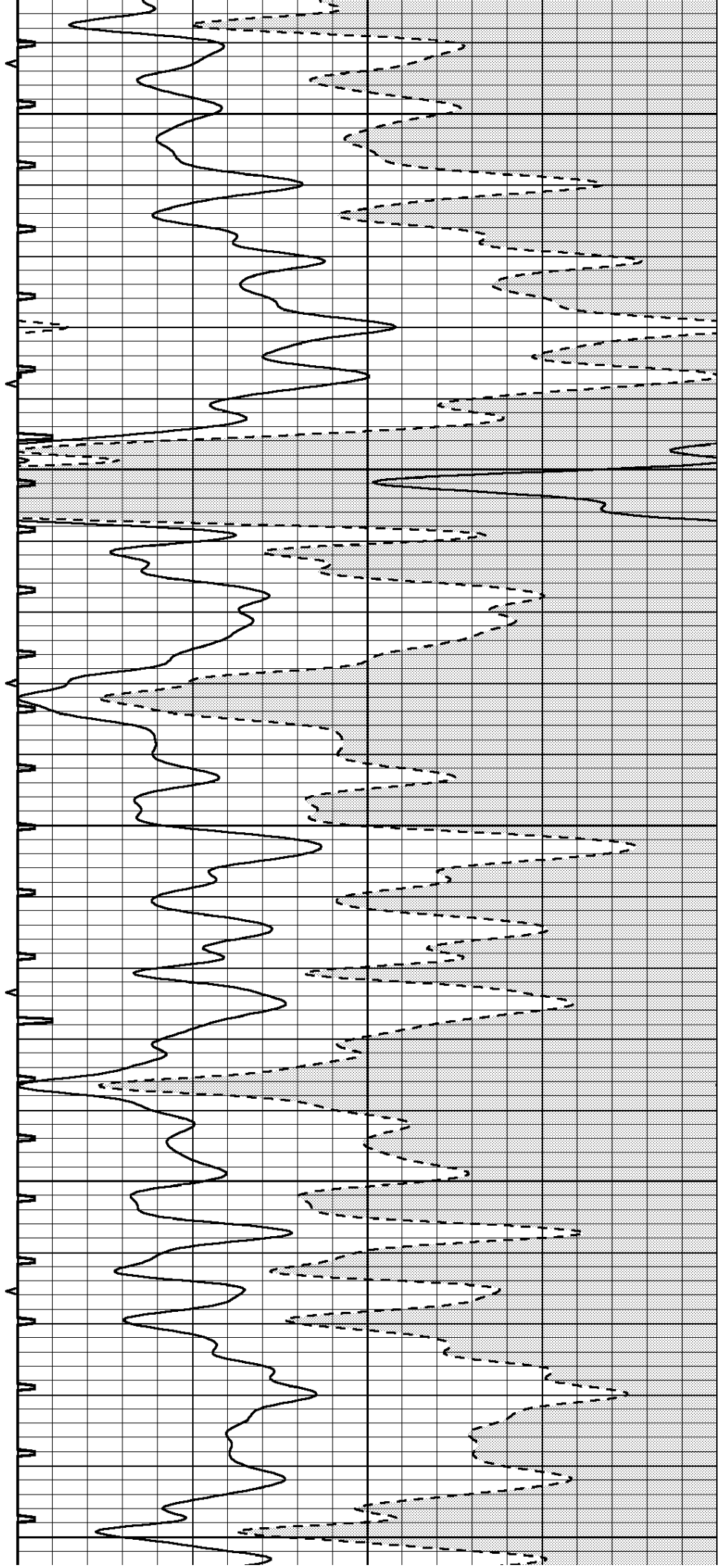
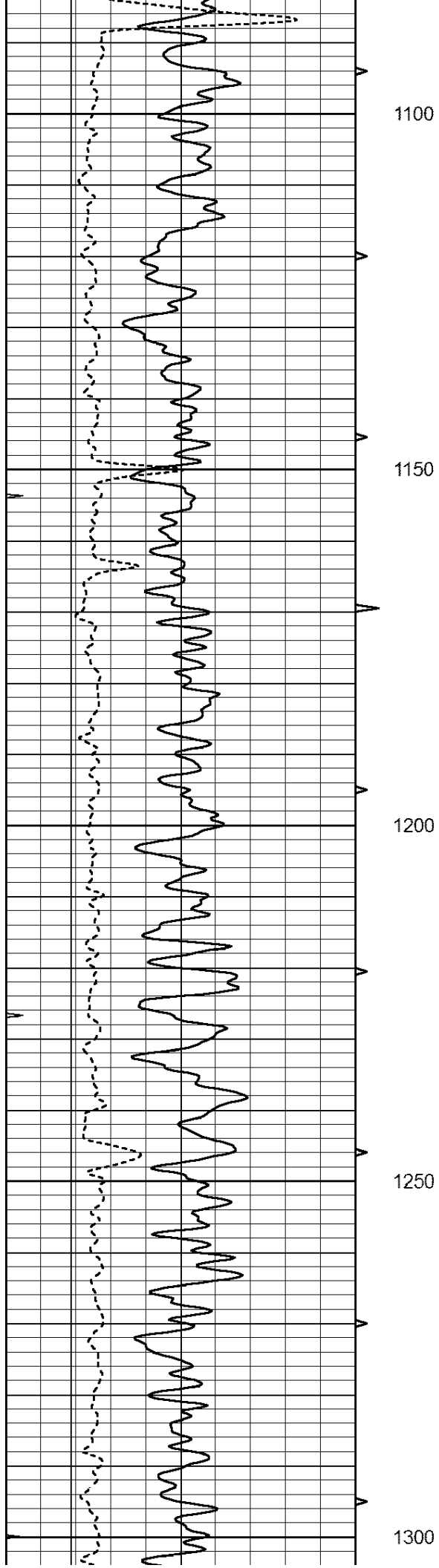
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0	MINMK	20	TBHV	0	ITT (msec)	20		
			0 (ft3)	10				

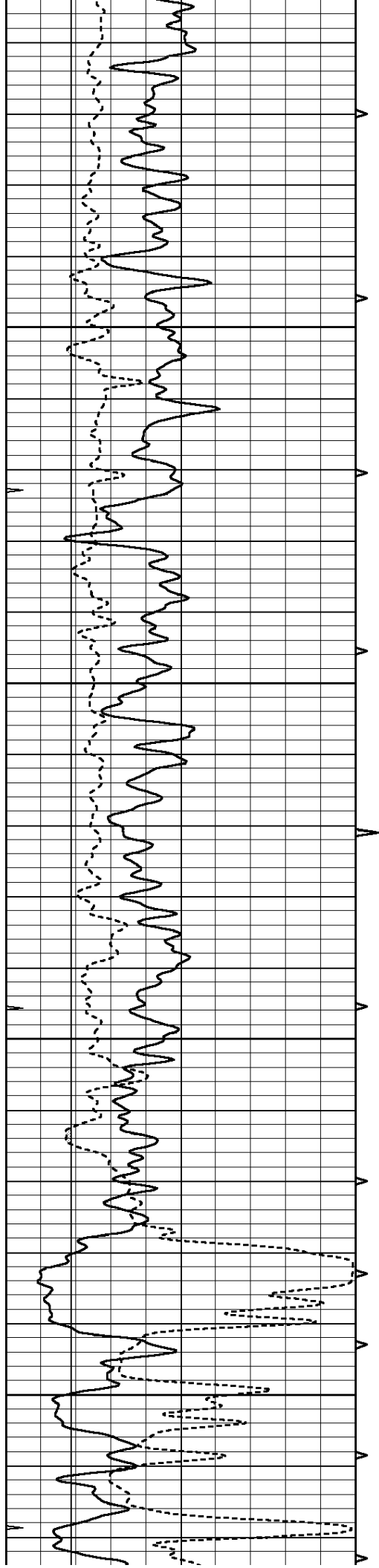










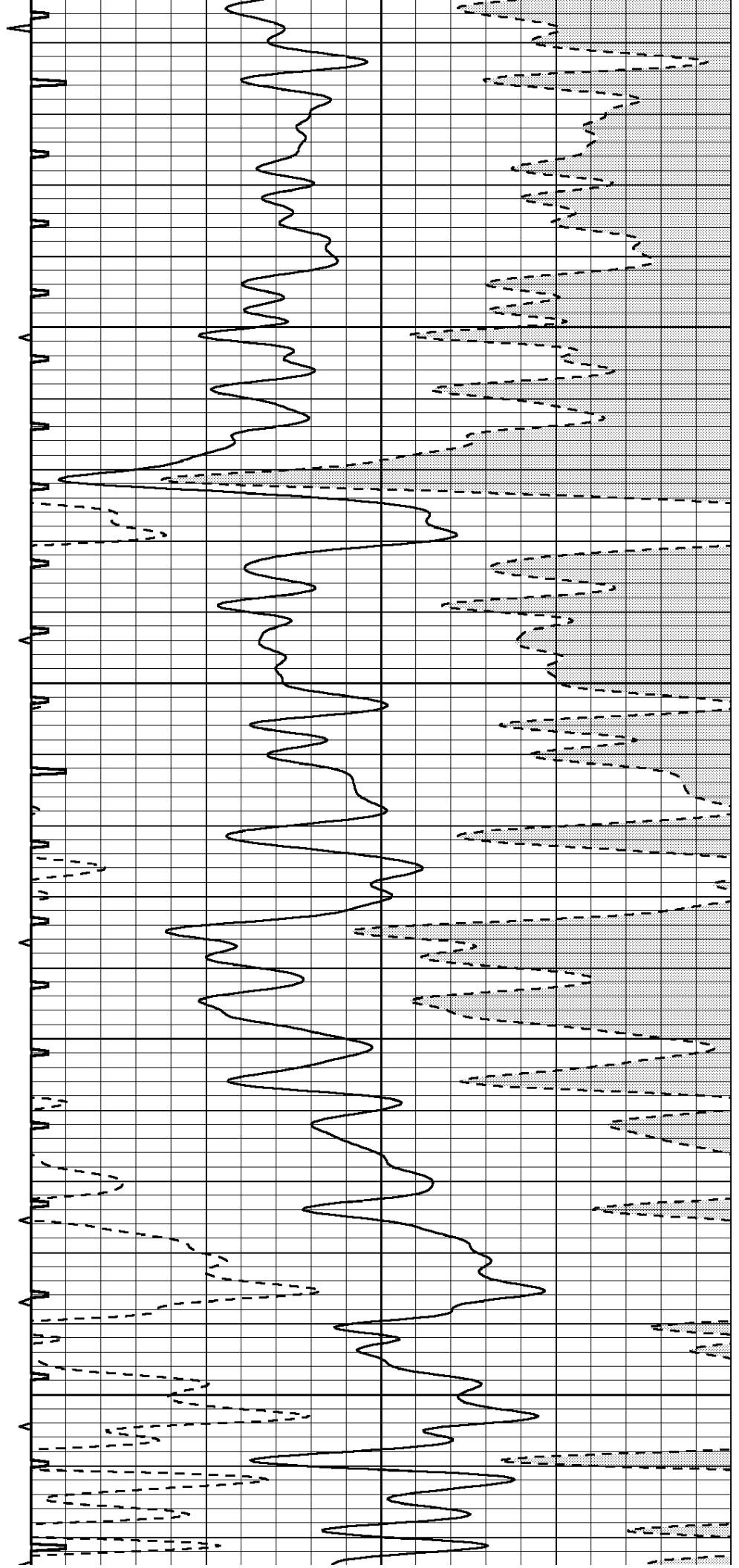


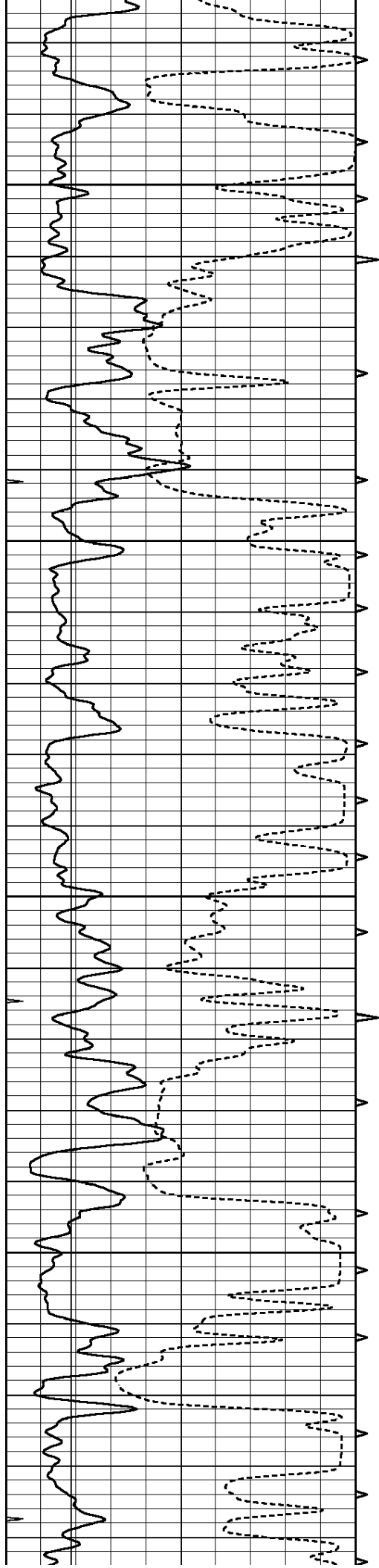
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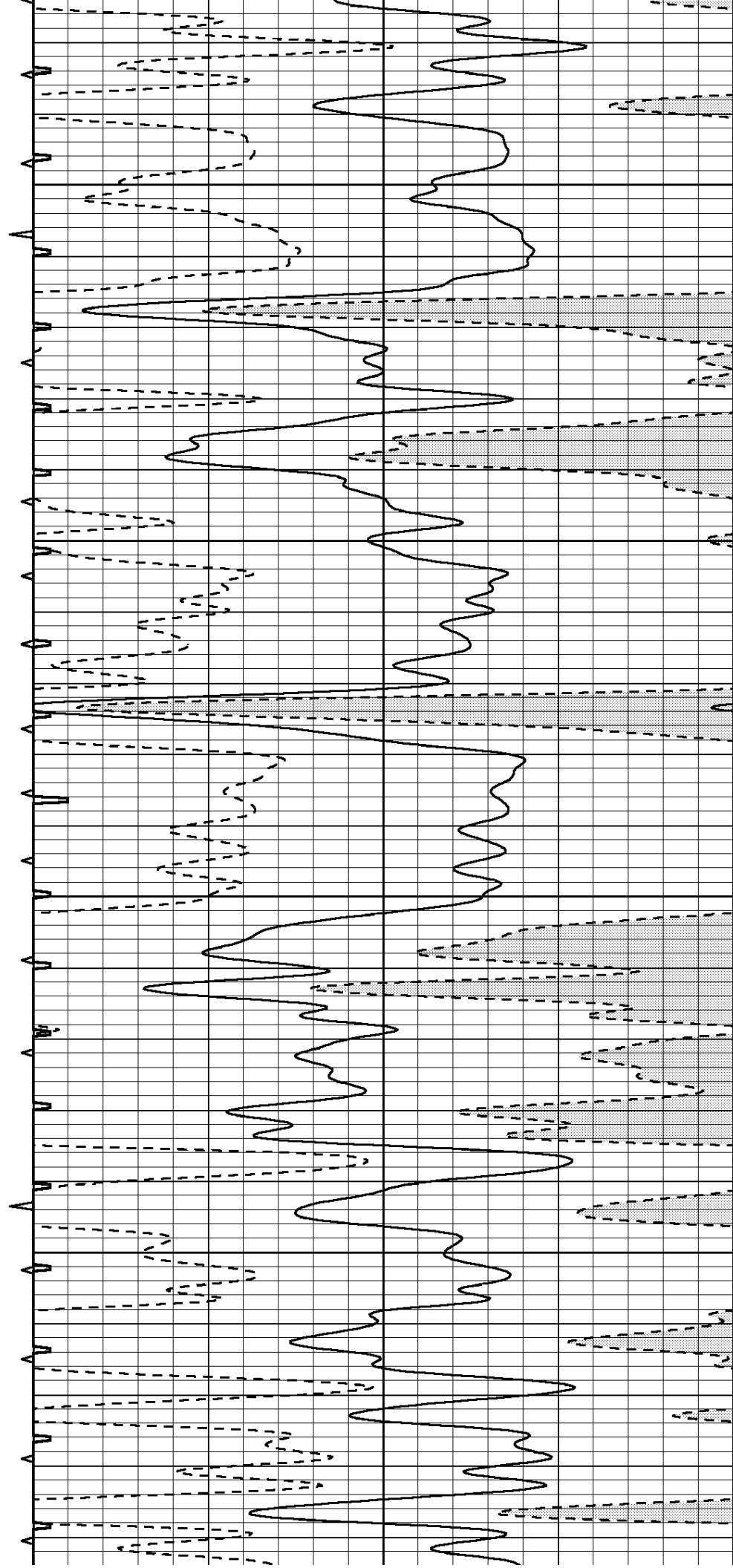


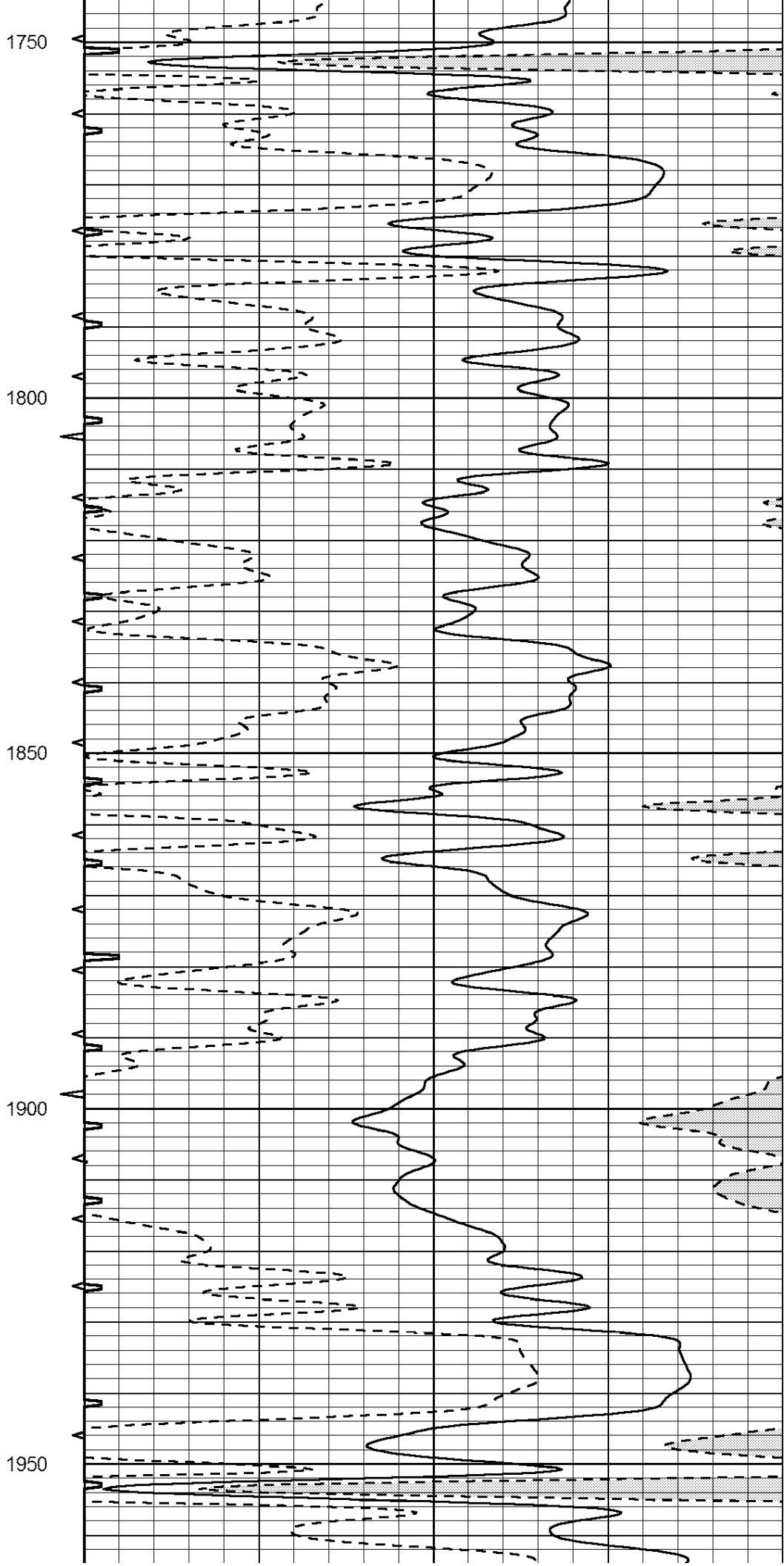
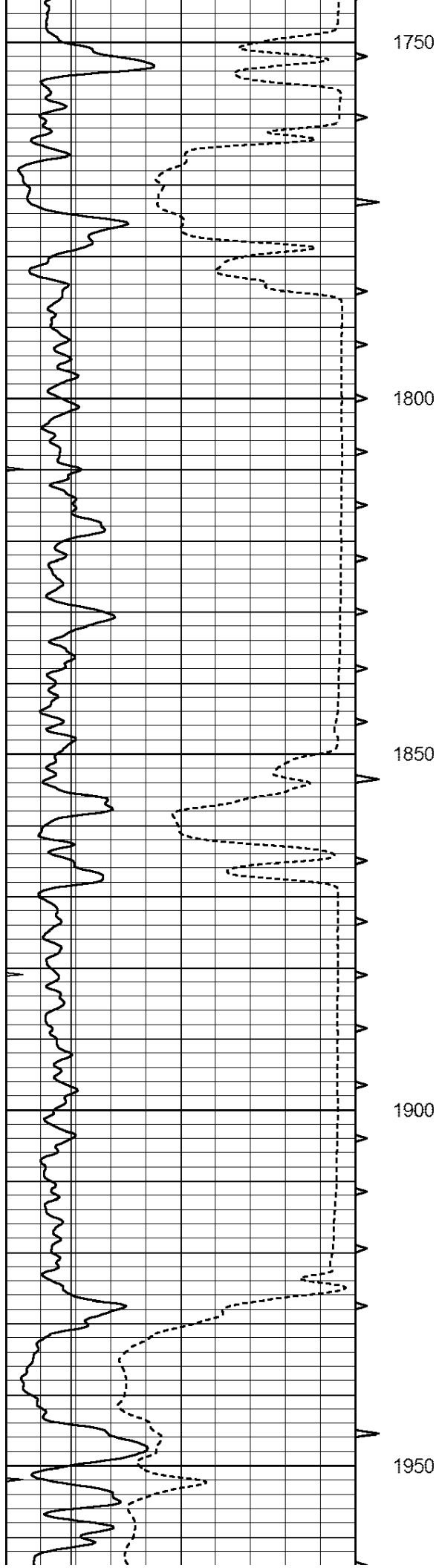
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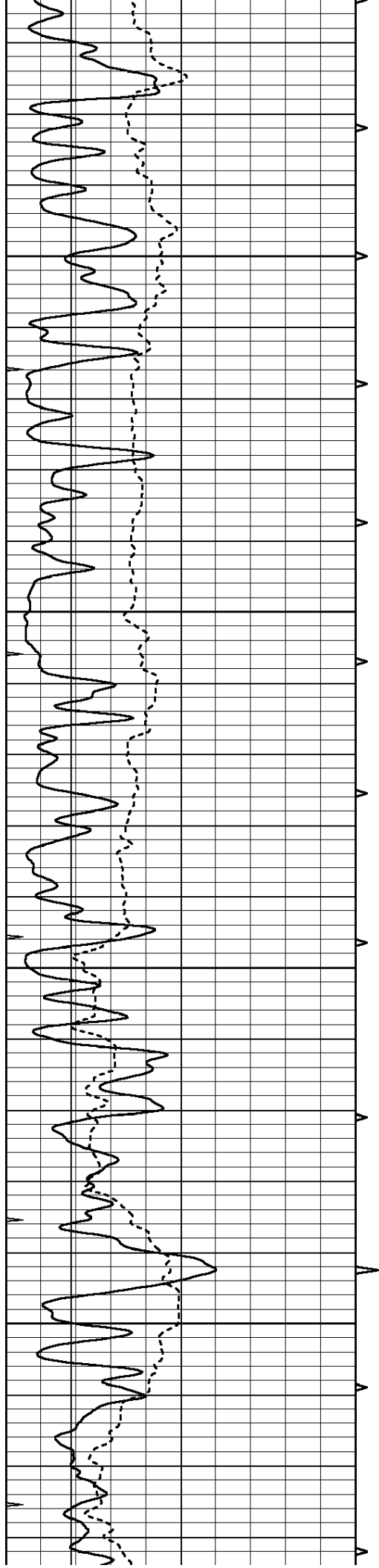
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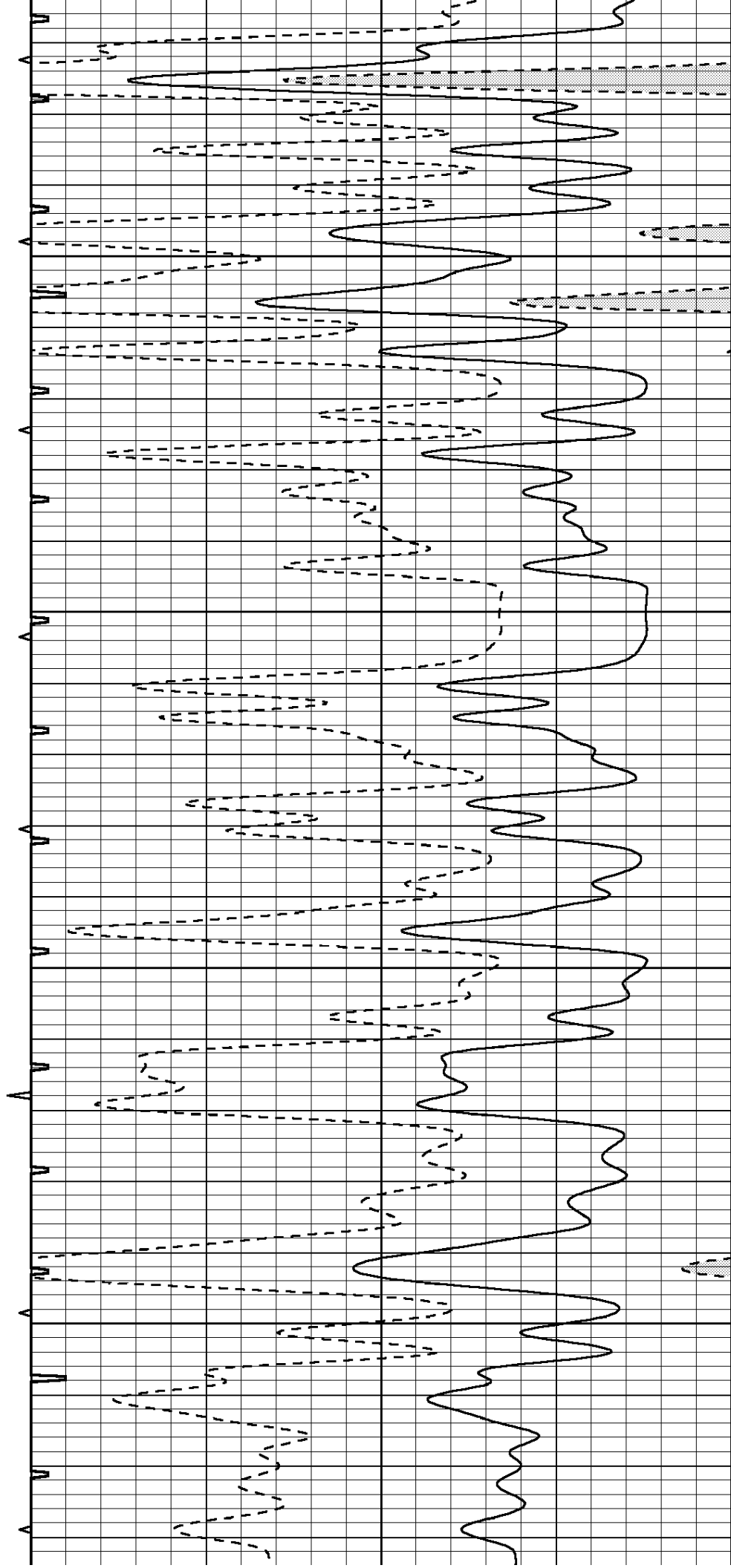


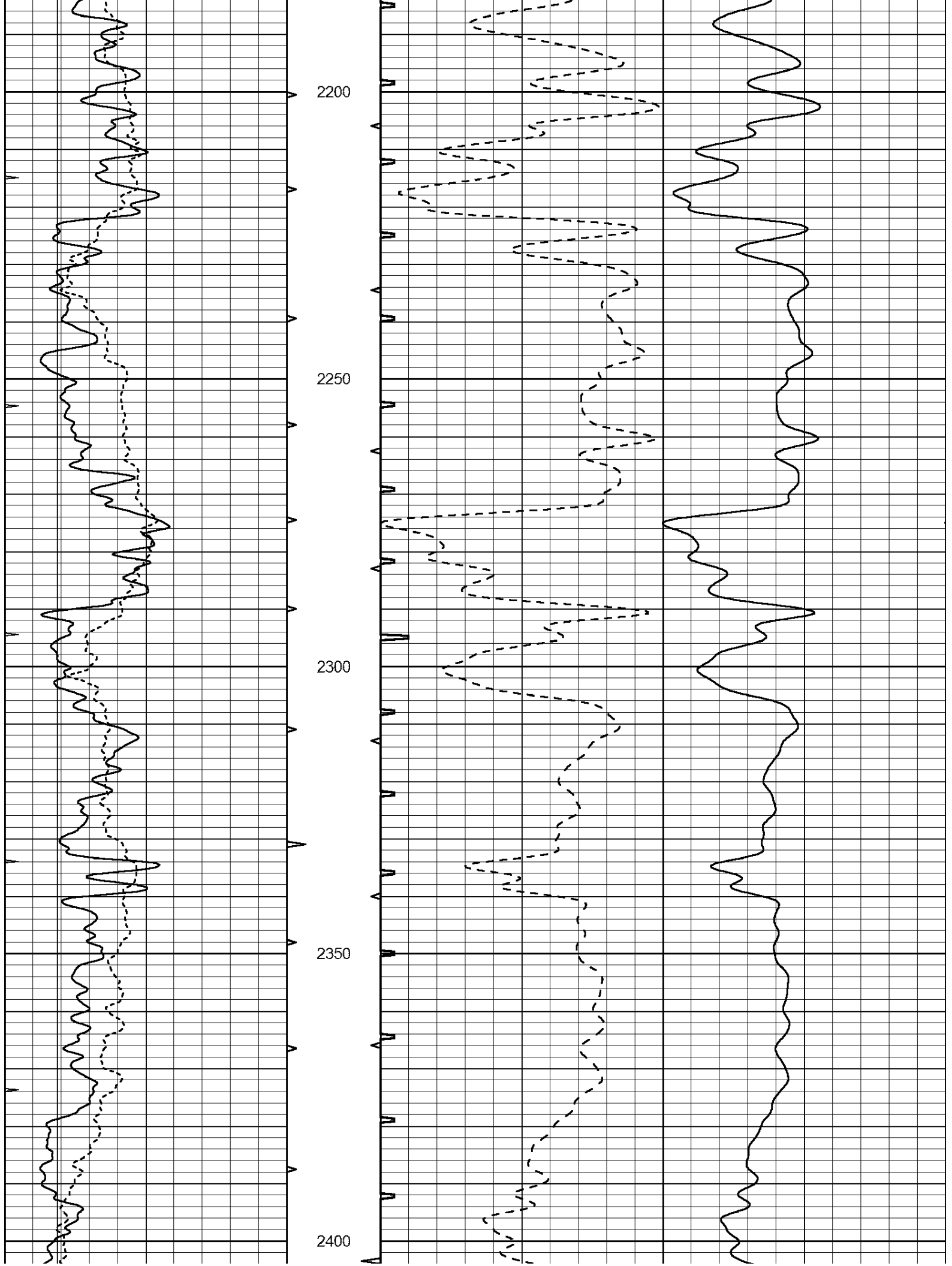
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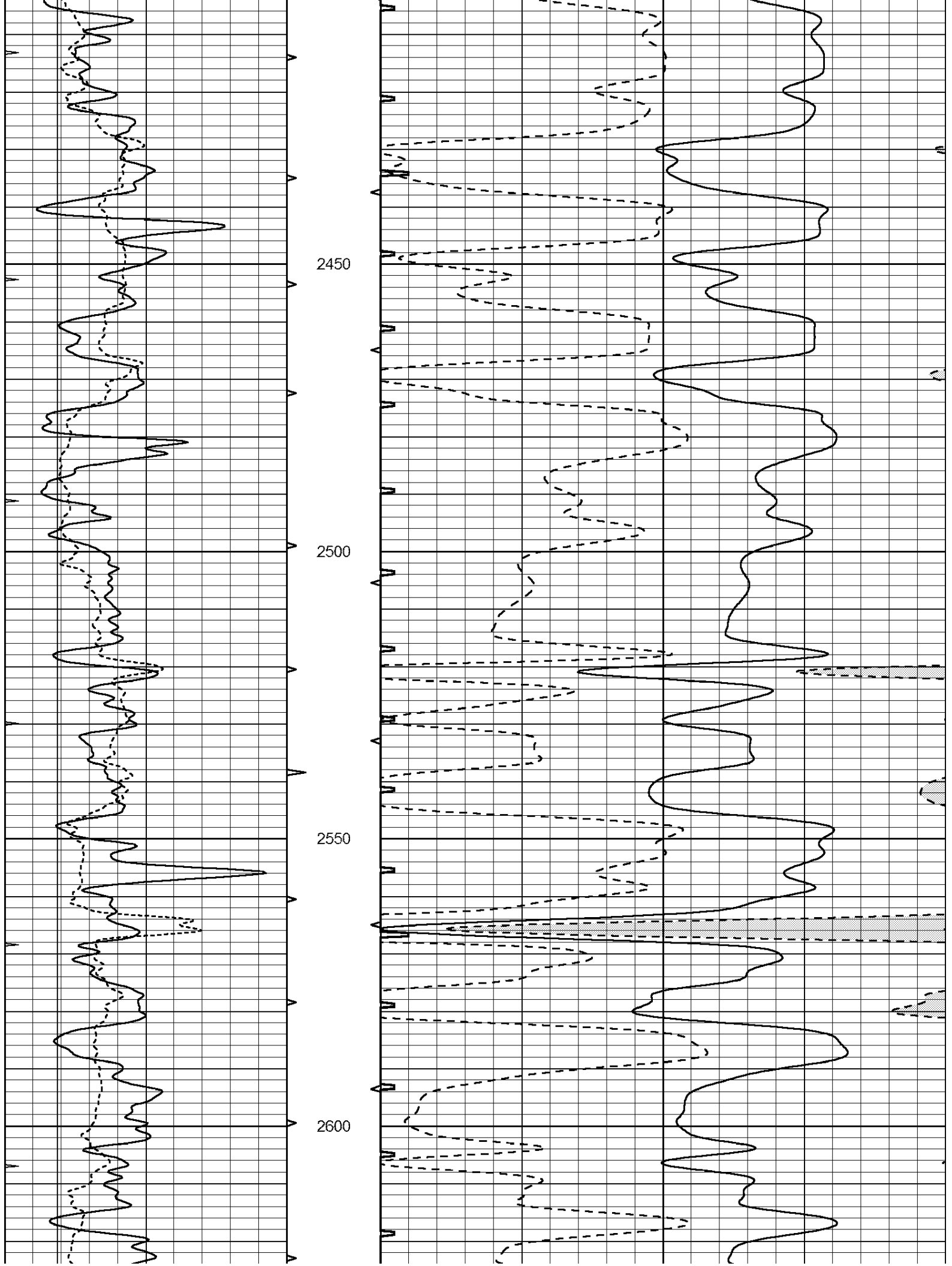
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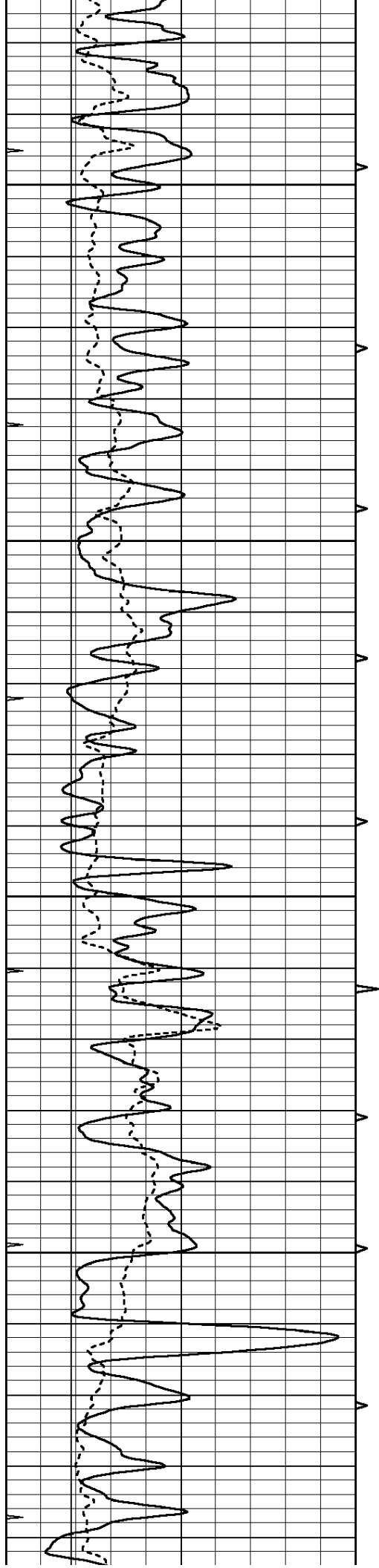
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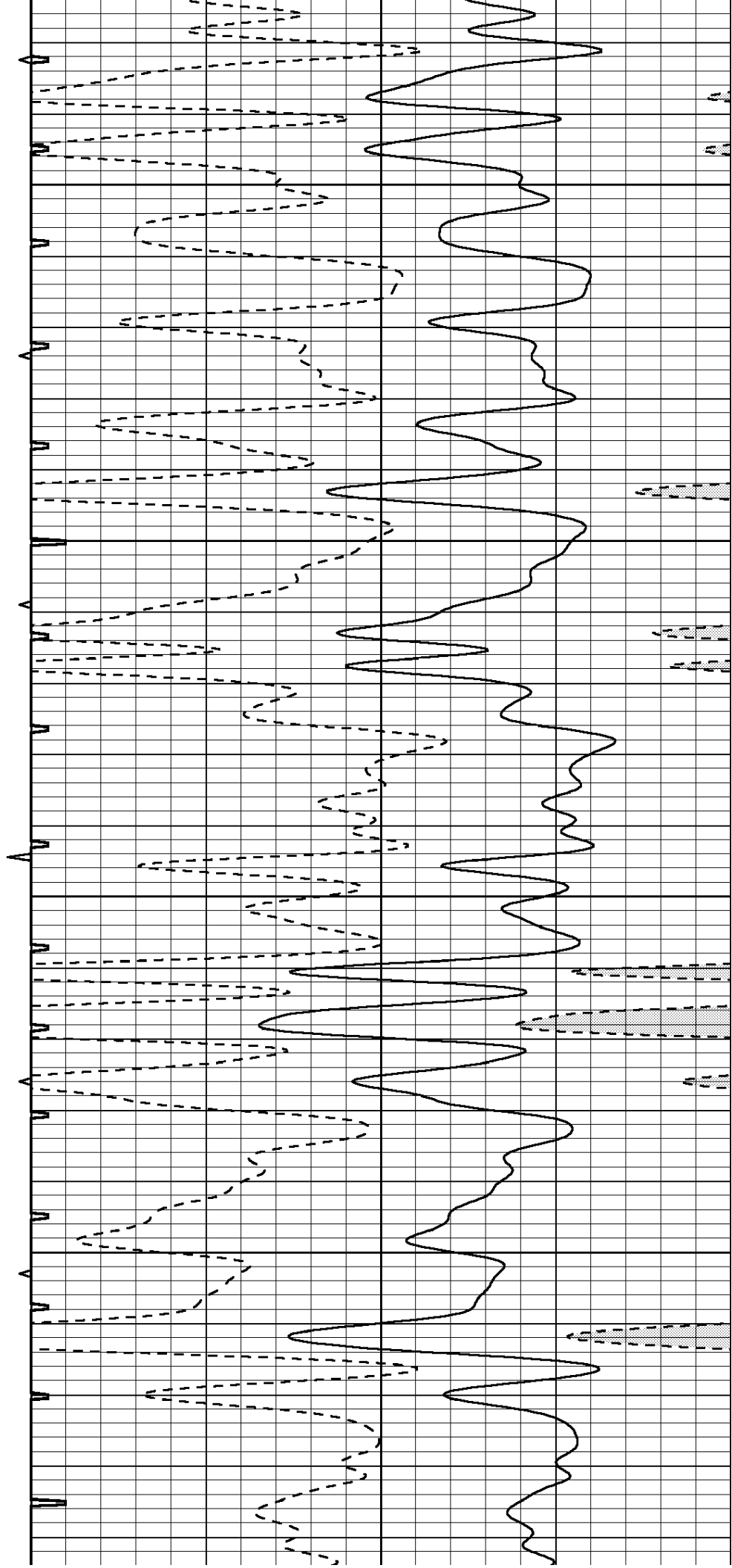


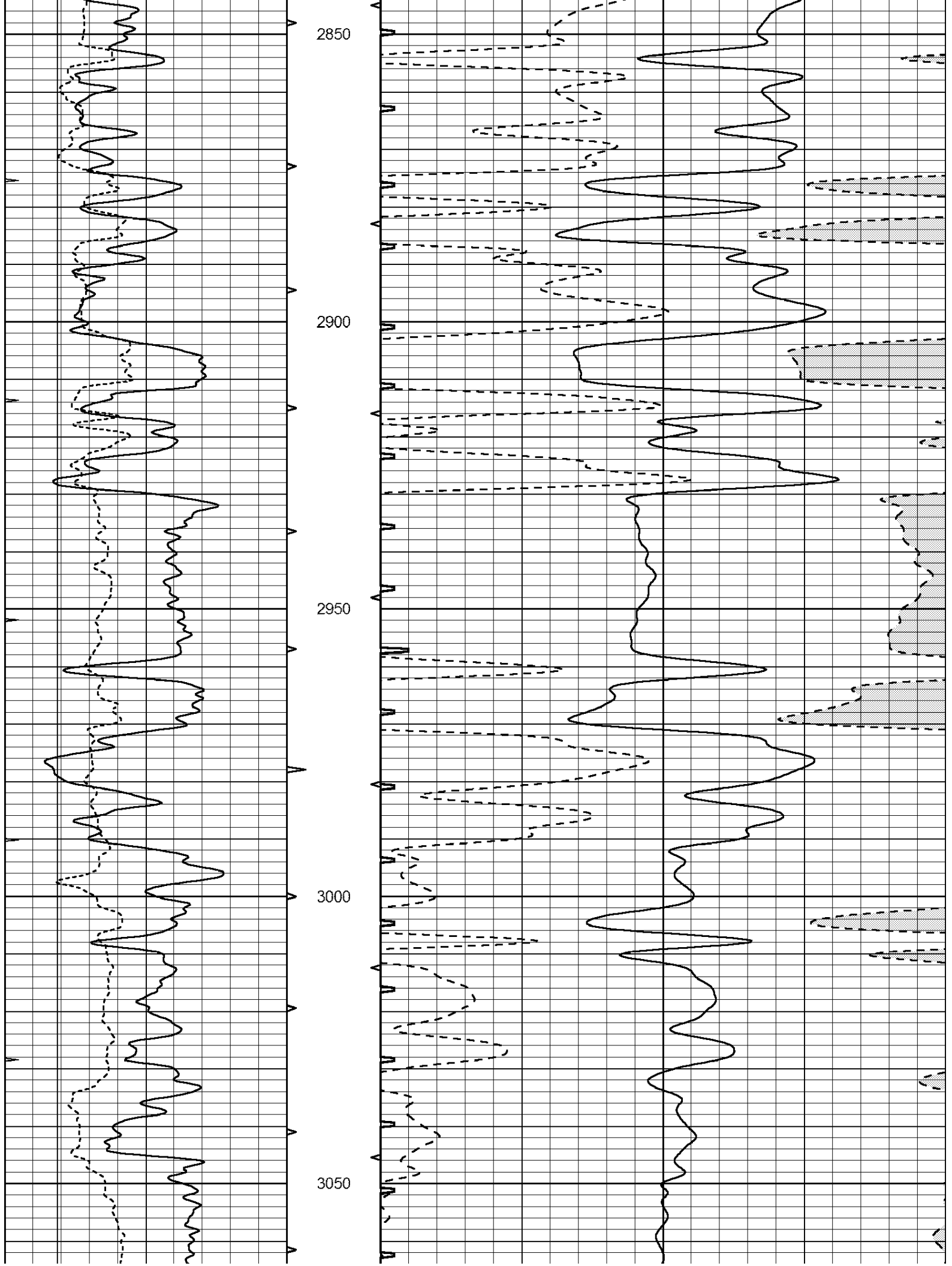
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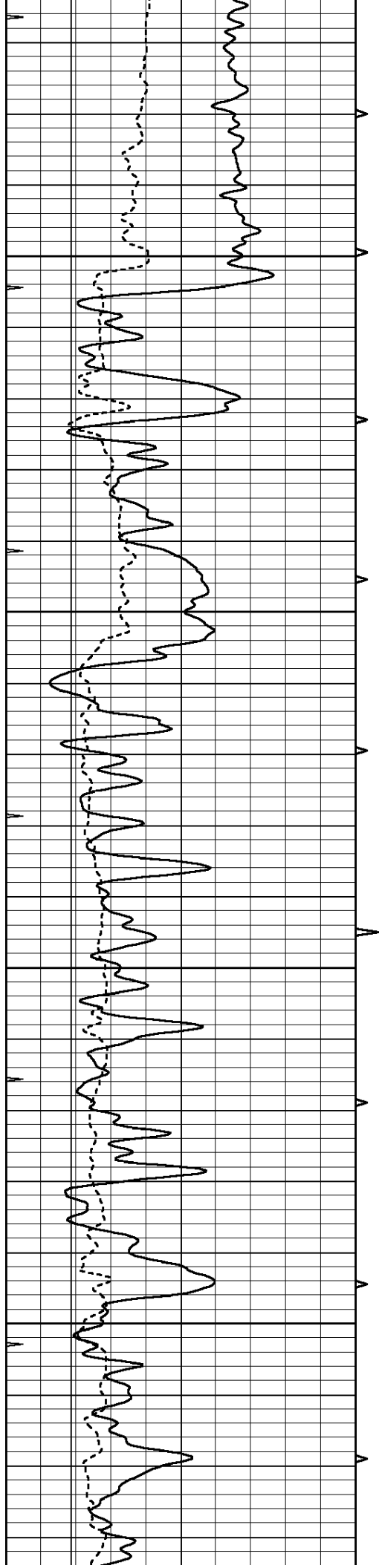
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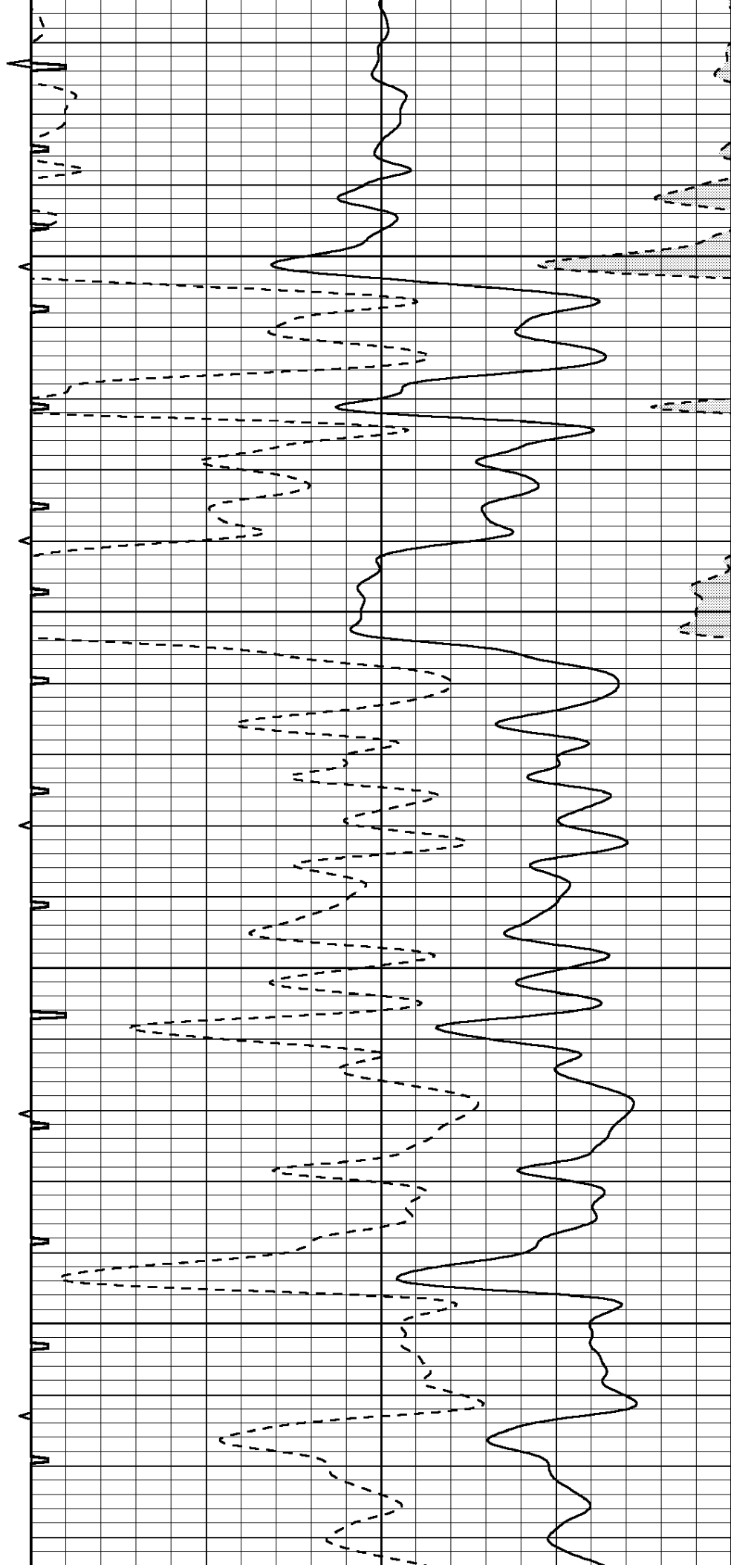


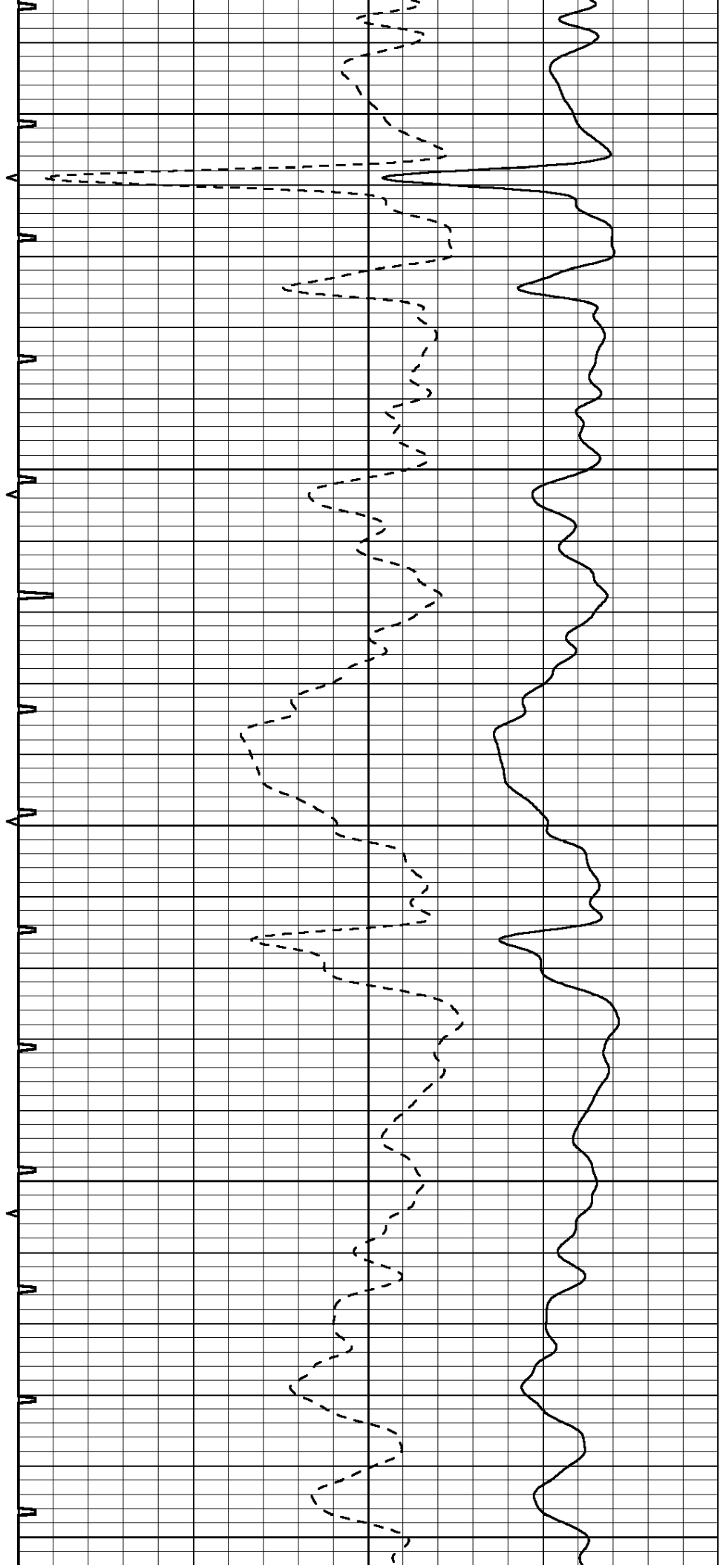
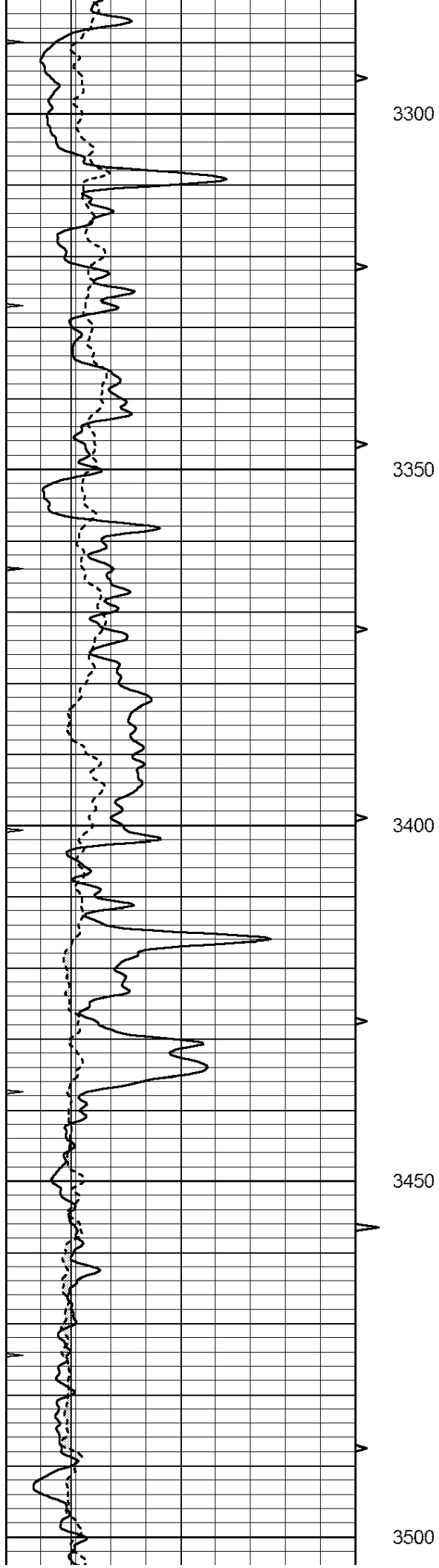
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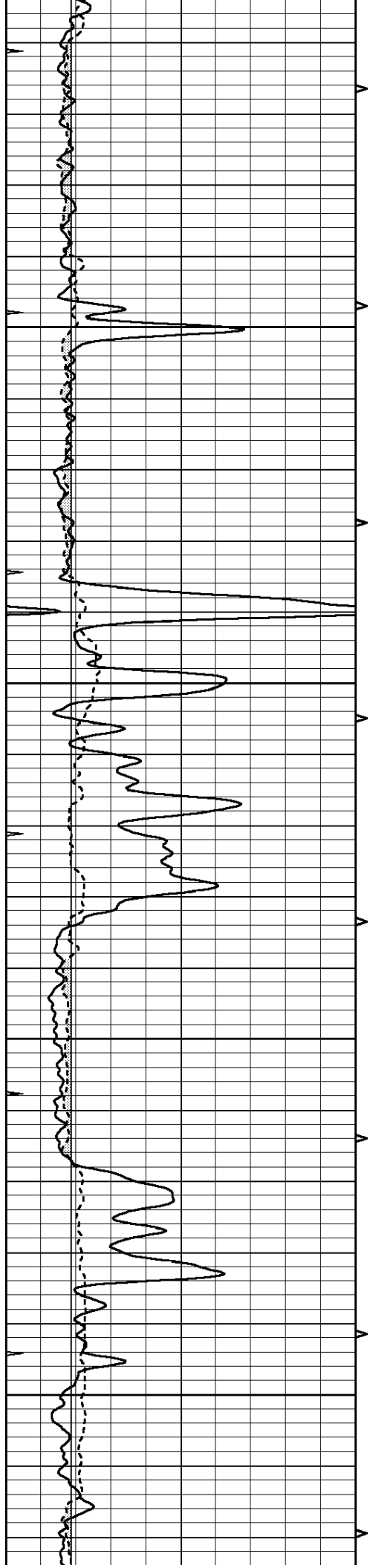
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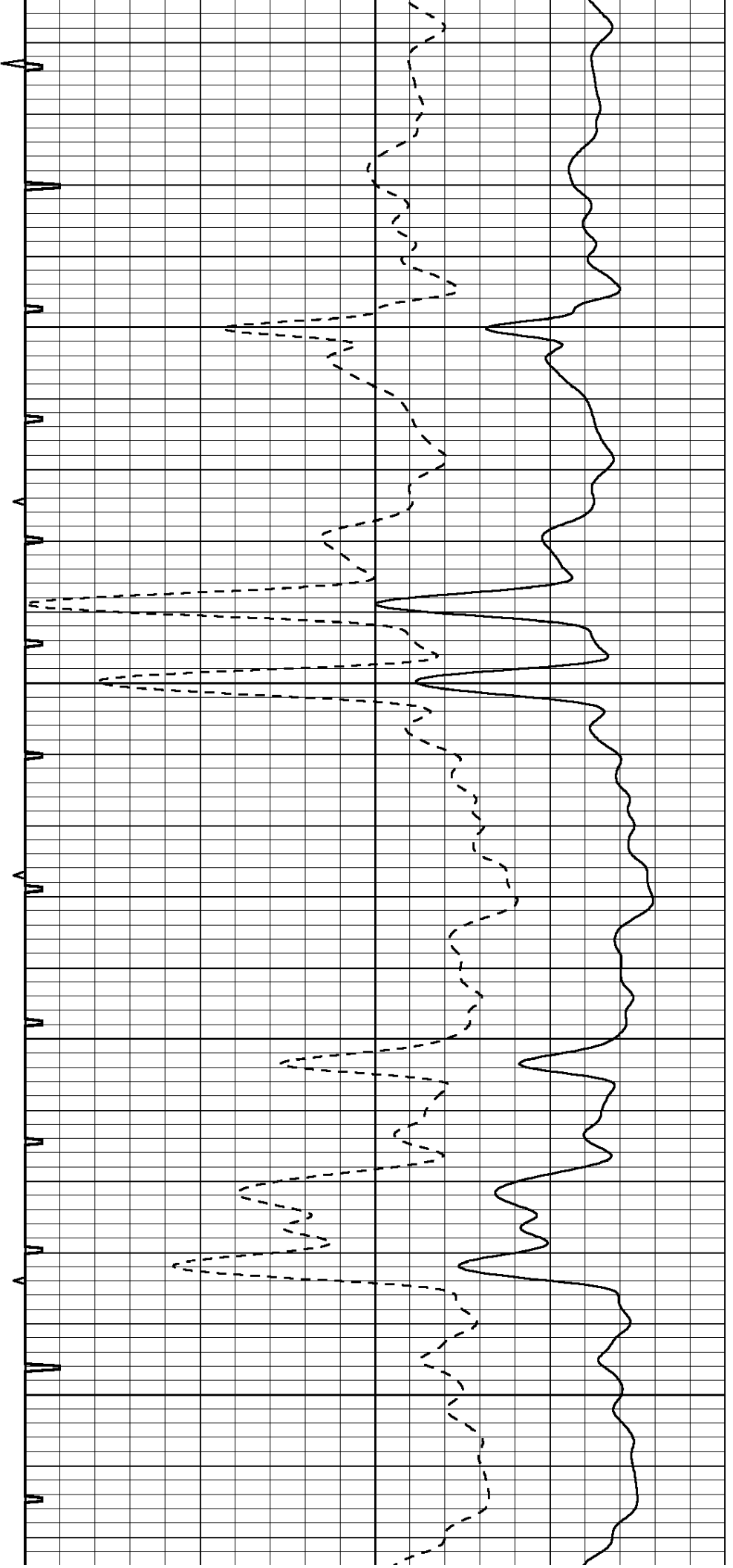


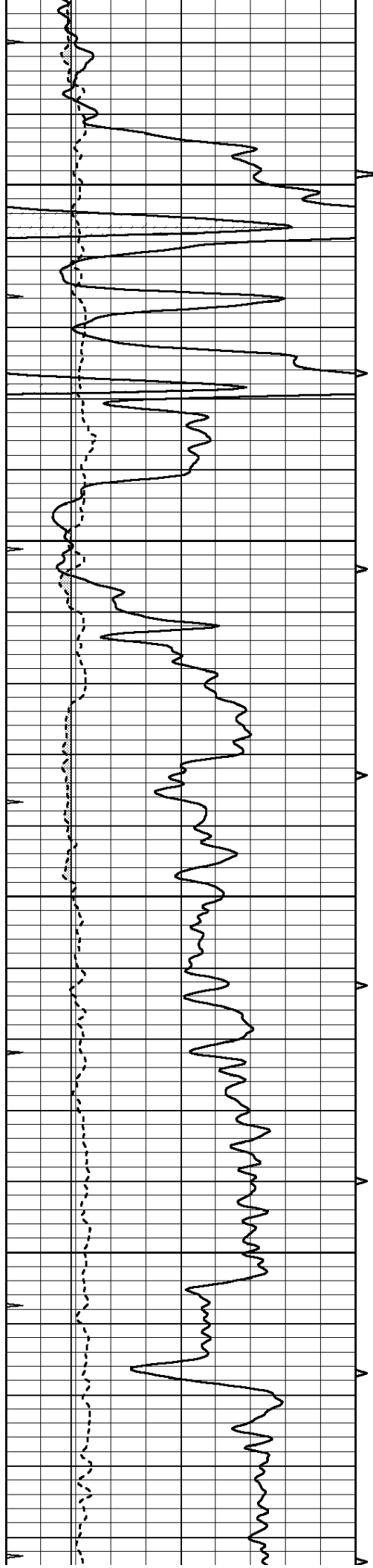
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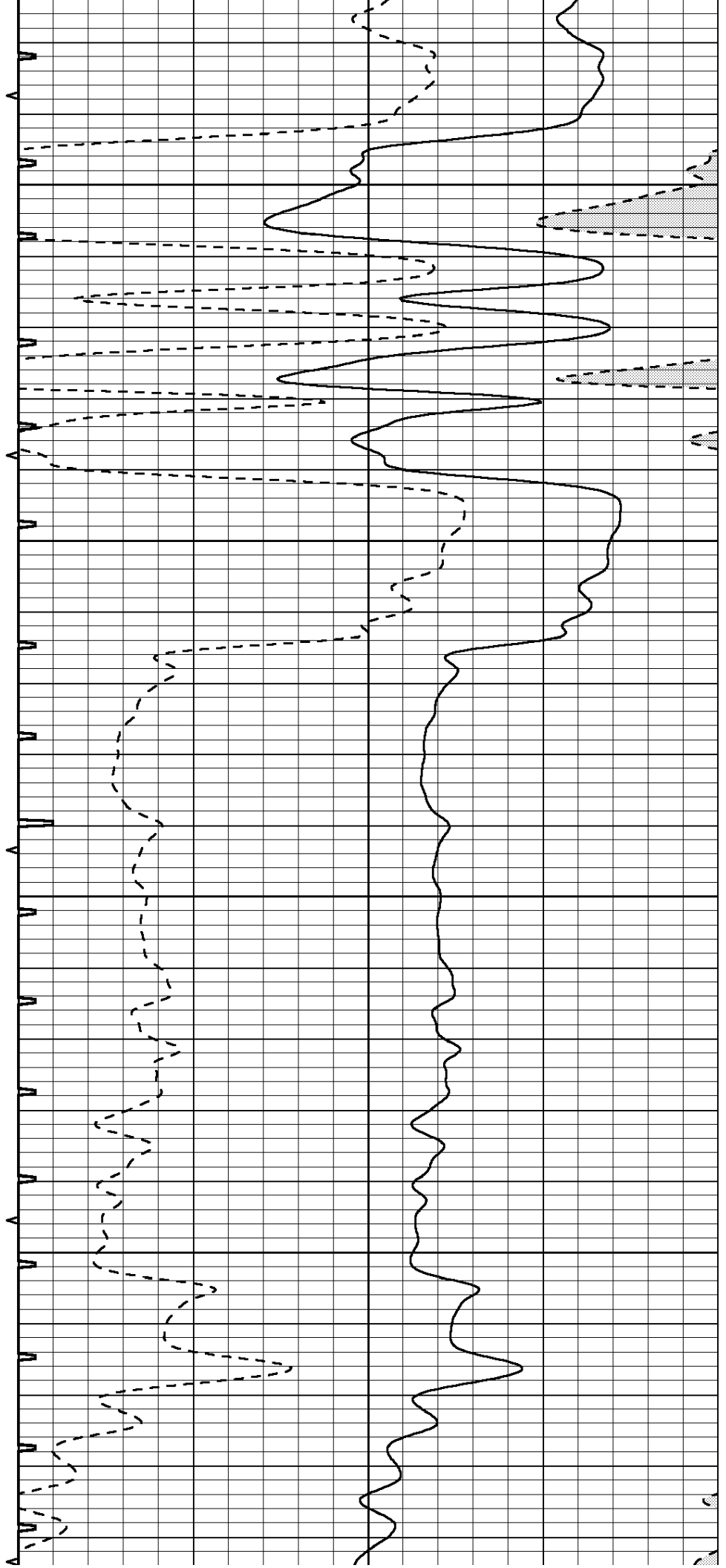


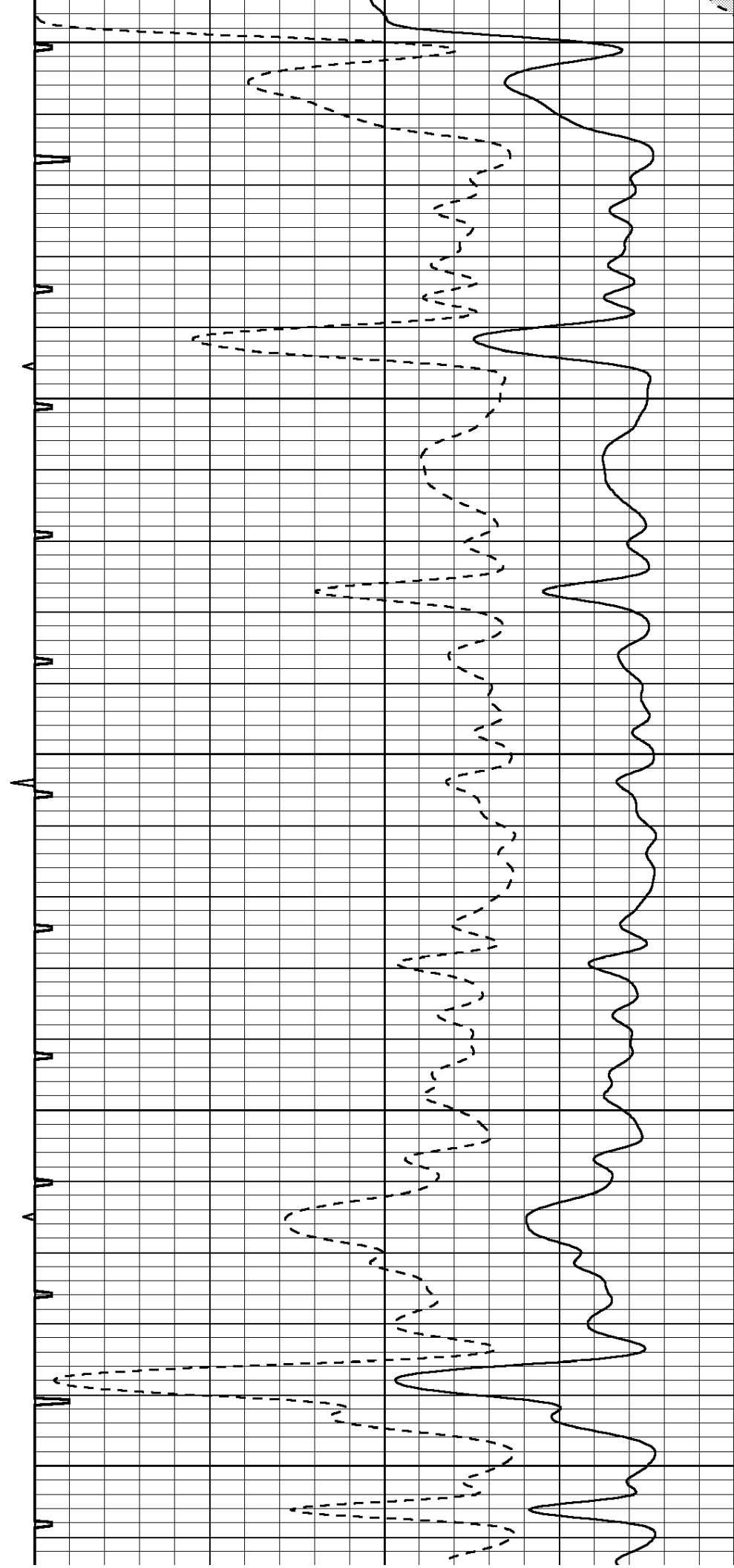
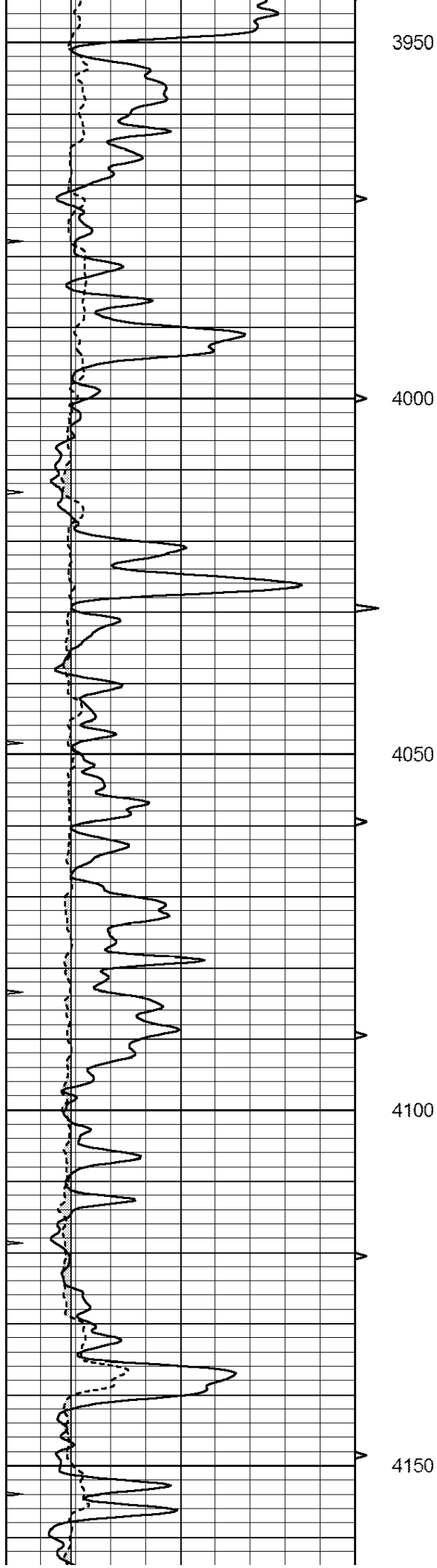
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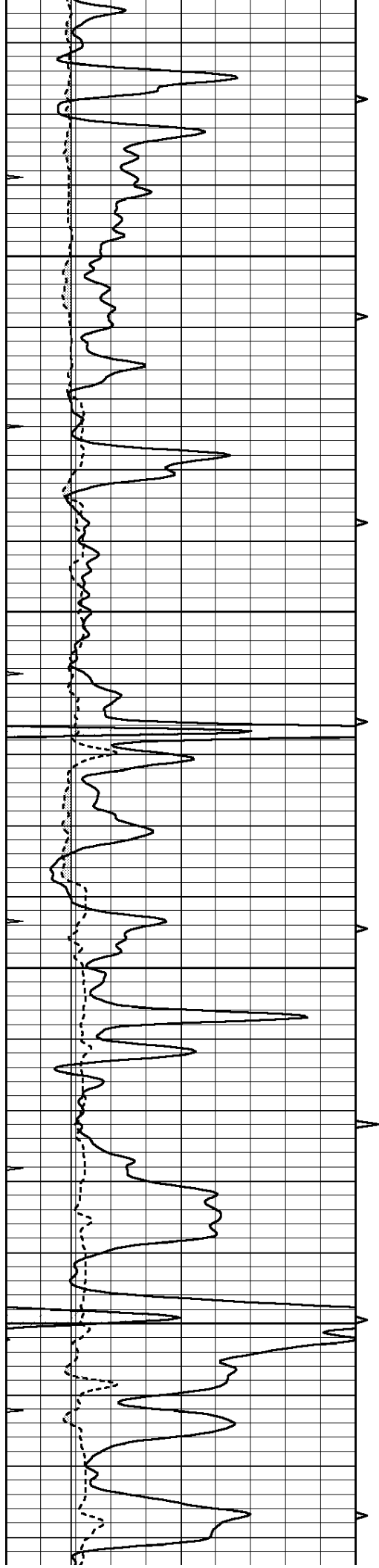
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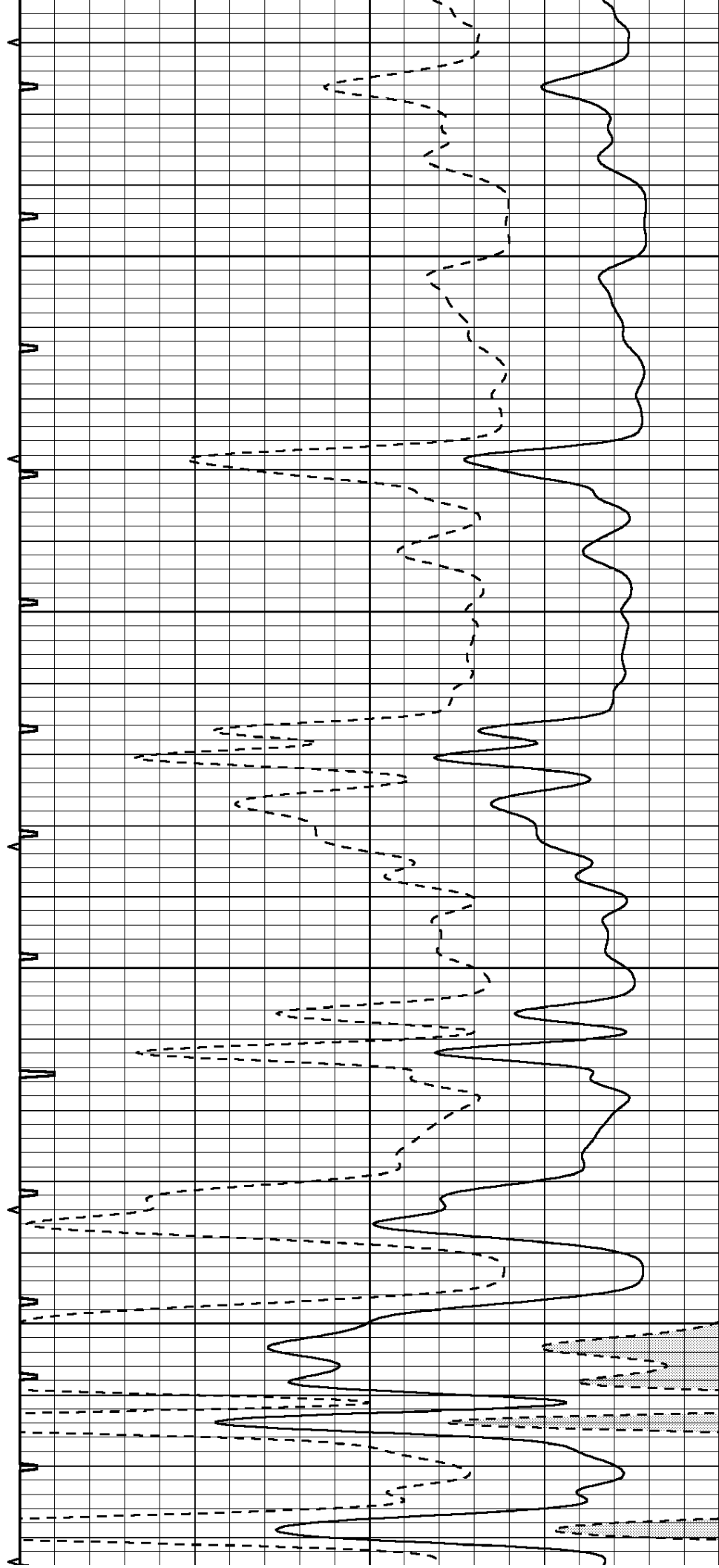


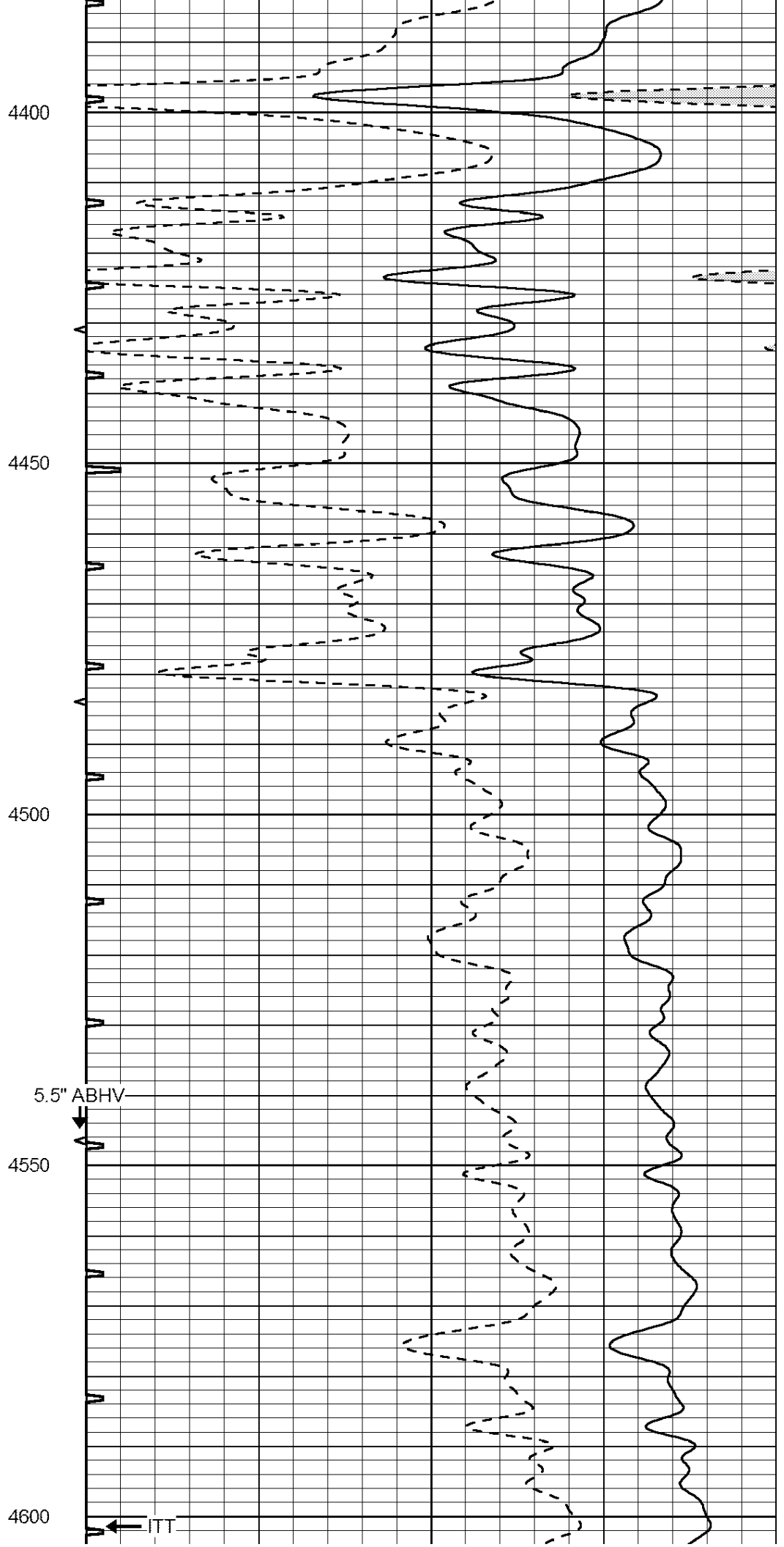
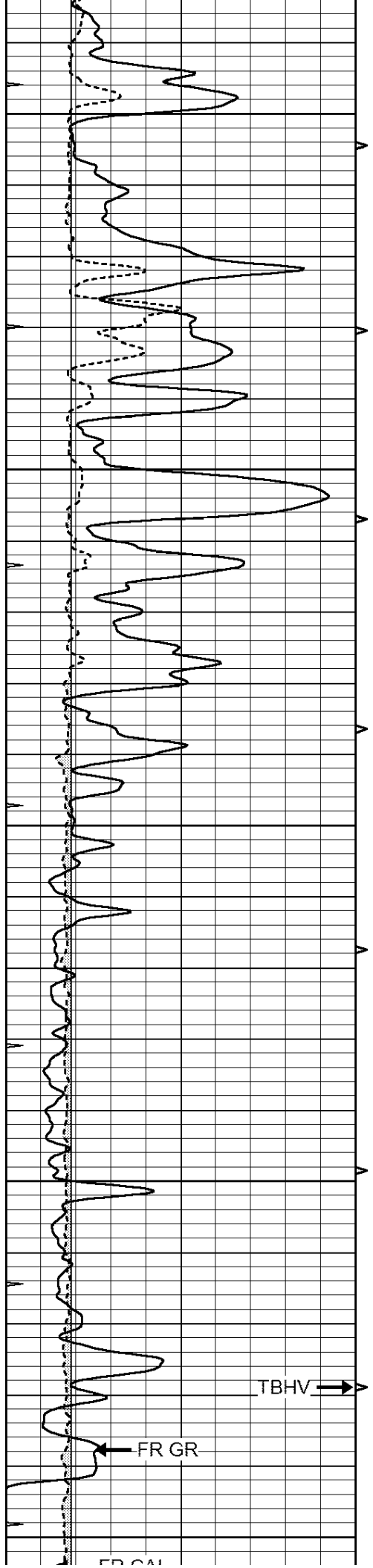
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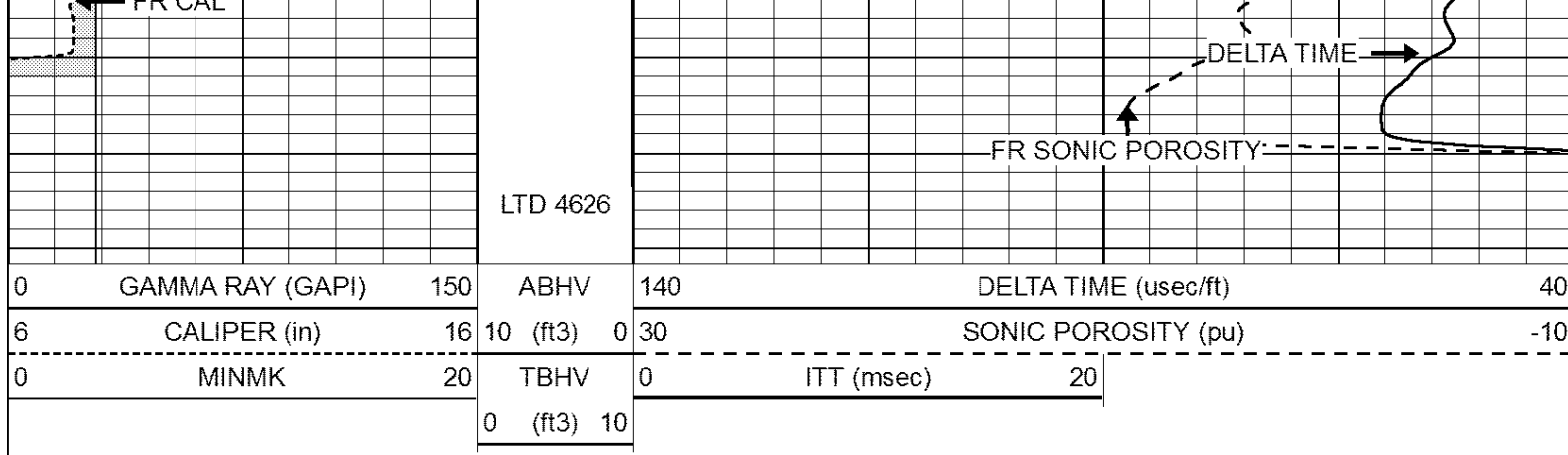
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REPEAT SECTION

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 Dataset Pathname: pass5.9
 Presentation Format: slt
 Dataset Creation: Mon Dec 19 14:10:12 2011 by Calc Open-Cased 110302
 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		

