

SONIC LOG

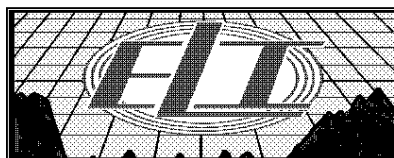
Company		MULL DRILLING COMPANY, INC.	
Well		#1-20 PHILLIPS	
Field		WILDCAT	
County		HODGEMAN	
State		KANSAS	
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Well		#1-20 PHILLIPS	
Field		WILDCAT	
County		HODGEMAN	
State		KANSAS	
Location:		API # : 15-083-21961-0000 2250' FSL & 779' FWL SW - NE - NW - SW	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 20 TWP 24S RGE 23W		Elevation K.B. 2393 D.F. 2391 G.L. 2388	
Date	11/5/18		
Run Number	TWO		
Depth Driller	4823		
Depth Logger	4822		
Bottom Logged Interval	4814		
Top Log Interval	200		
Casing Driller	8 5/8"@218'		
Casing Logger	218		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,600 PPM	
Density / Viscosity	9.4/52		
pH / Fluid Loss	9.5/10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.580@65F		
Rmf @ Meas. Temp	.435@65F		
Rmc @ Meas. Temp	.696@65F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.307@123F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	12:45 P.M.		
Maximum Recorded Temperature	123F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PHIL ASKEY		

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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 ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
JETMORE, KS., 10S. ON HWY 283 TO "RD. C", 1E., 1/2 N. INTO OLD FARMSTEAD

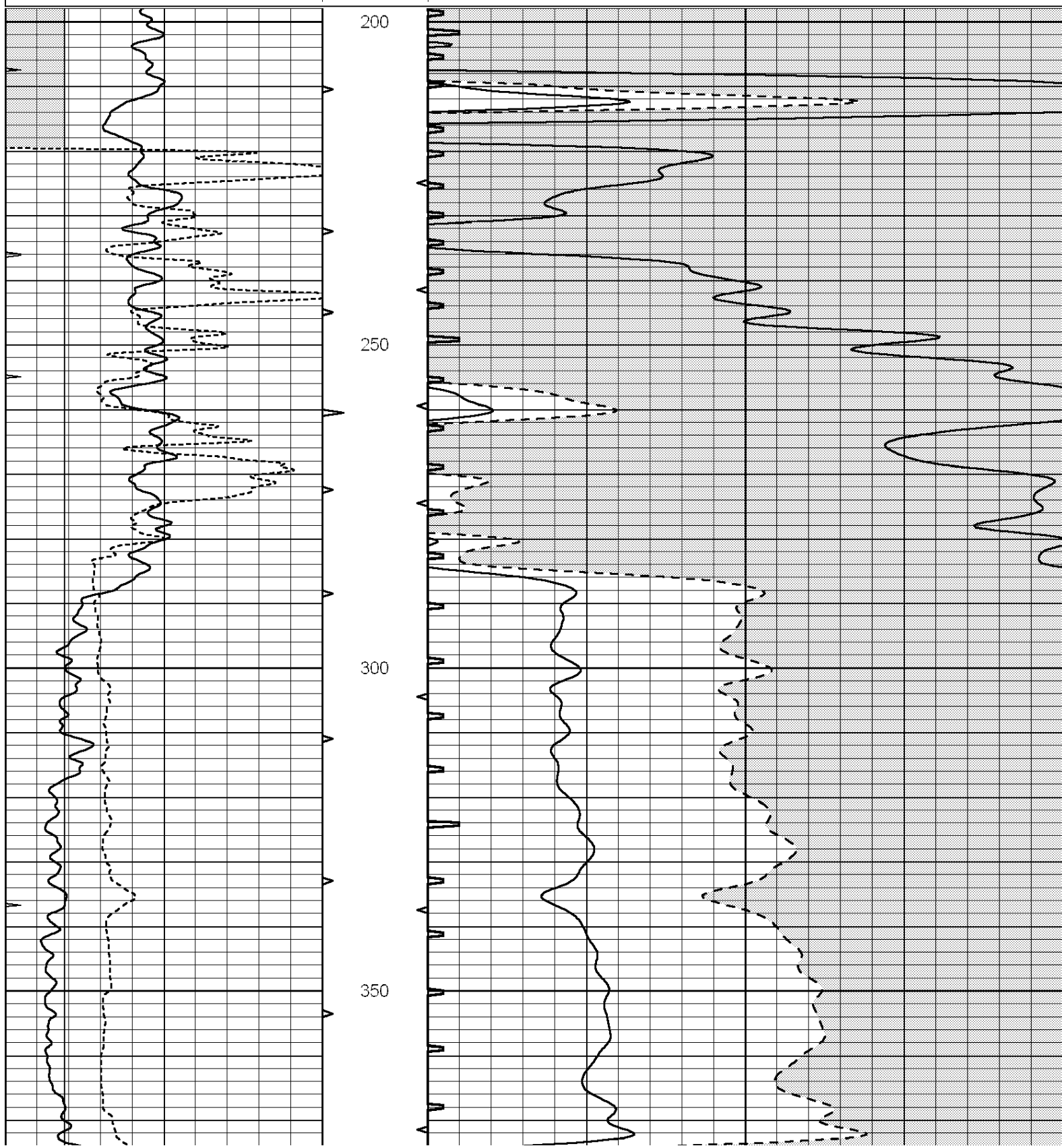


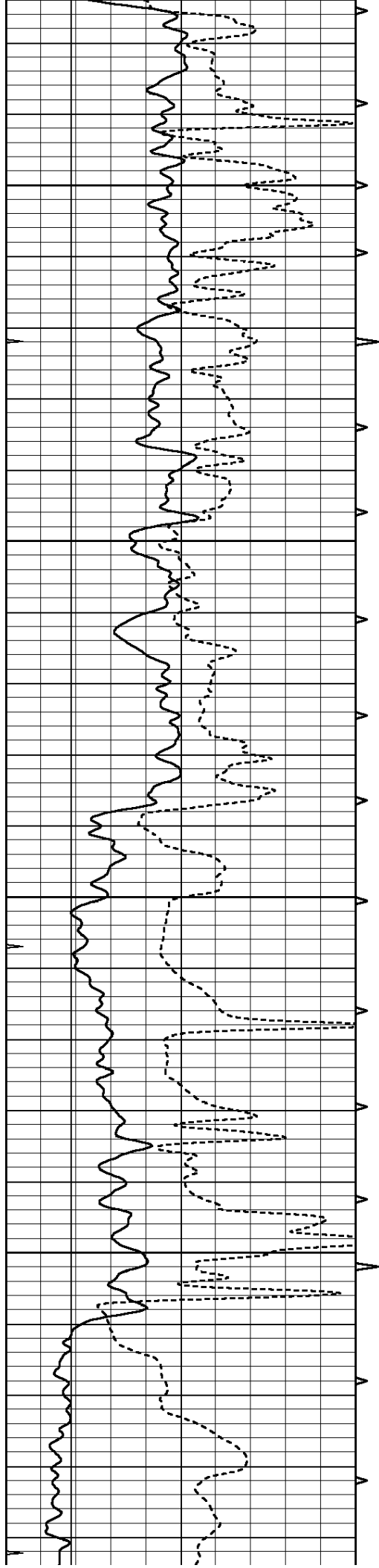
MAIN SECTION

Database File: 3053pe.db
 Dataset Pathname: pass6.3
 Presentation Format: slt
 Dataset Creation: Mon Nov 05 14:15:58 2018
 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				



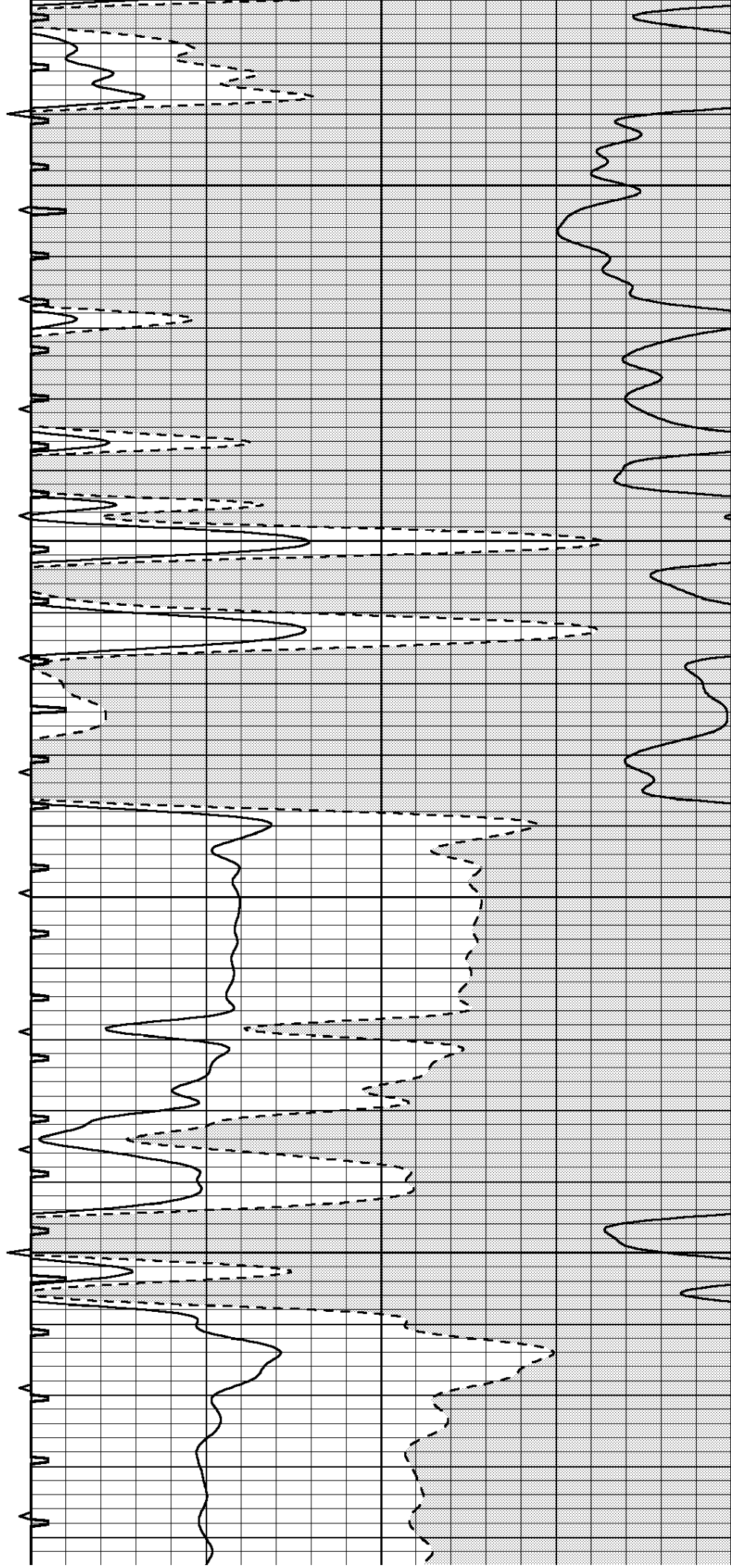


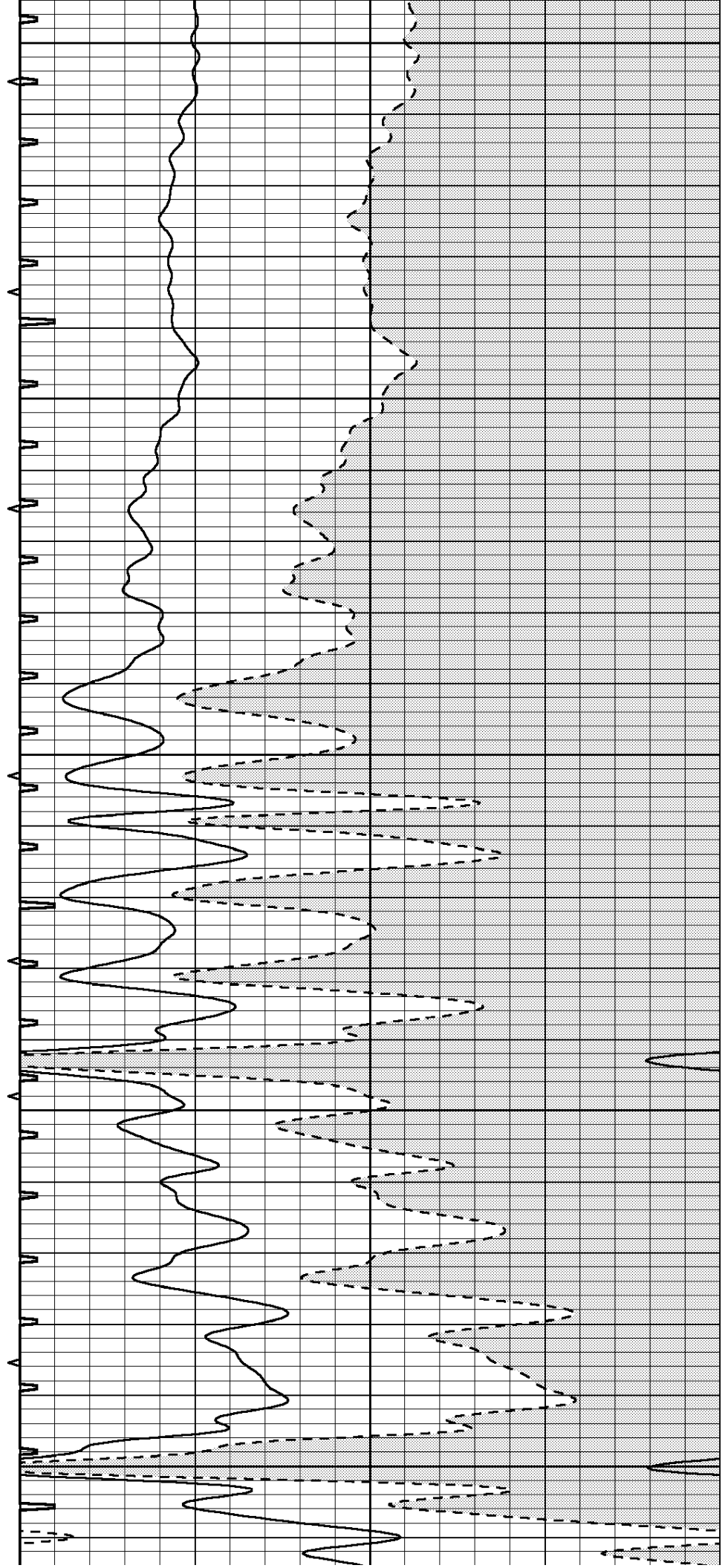
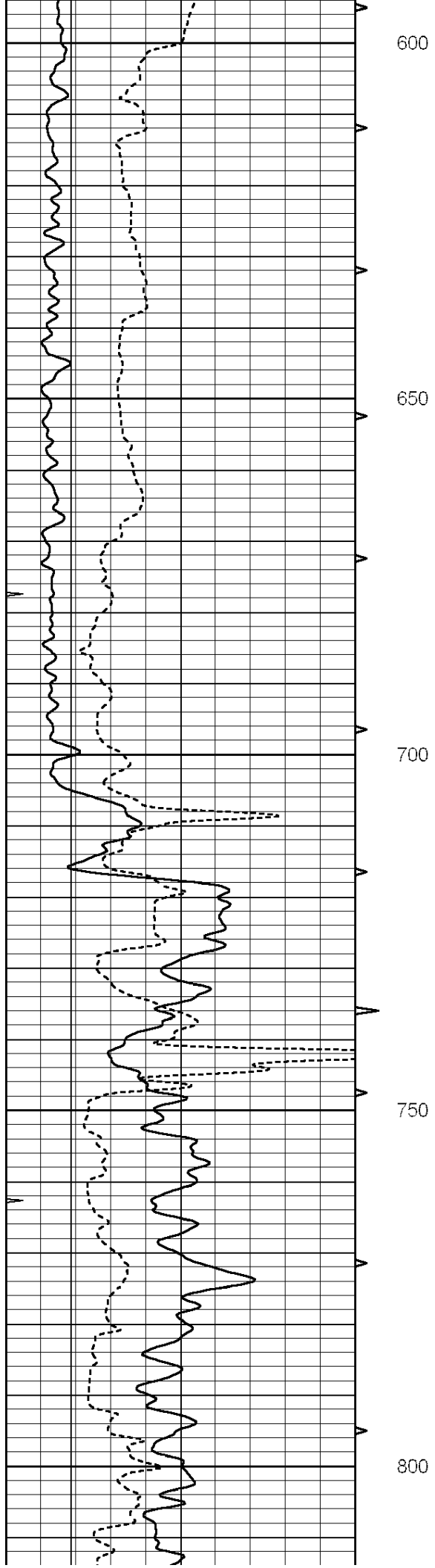
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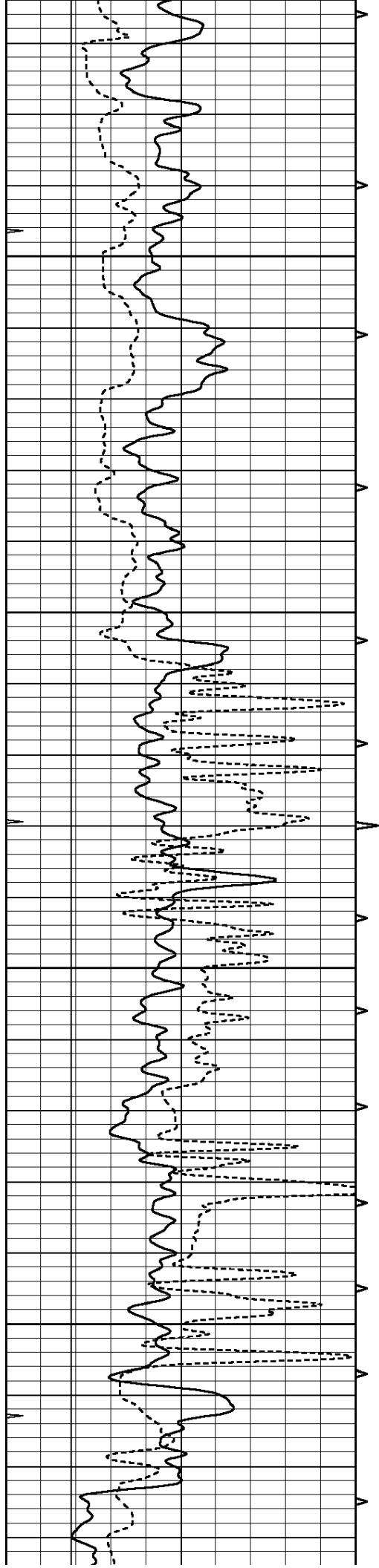
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500

550





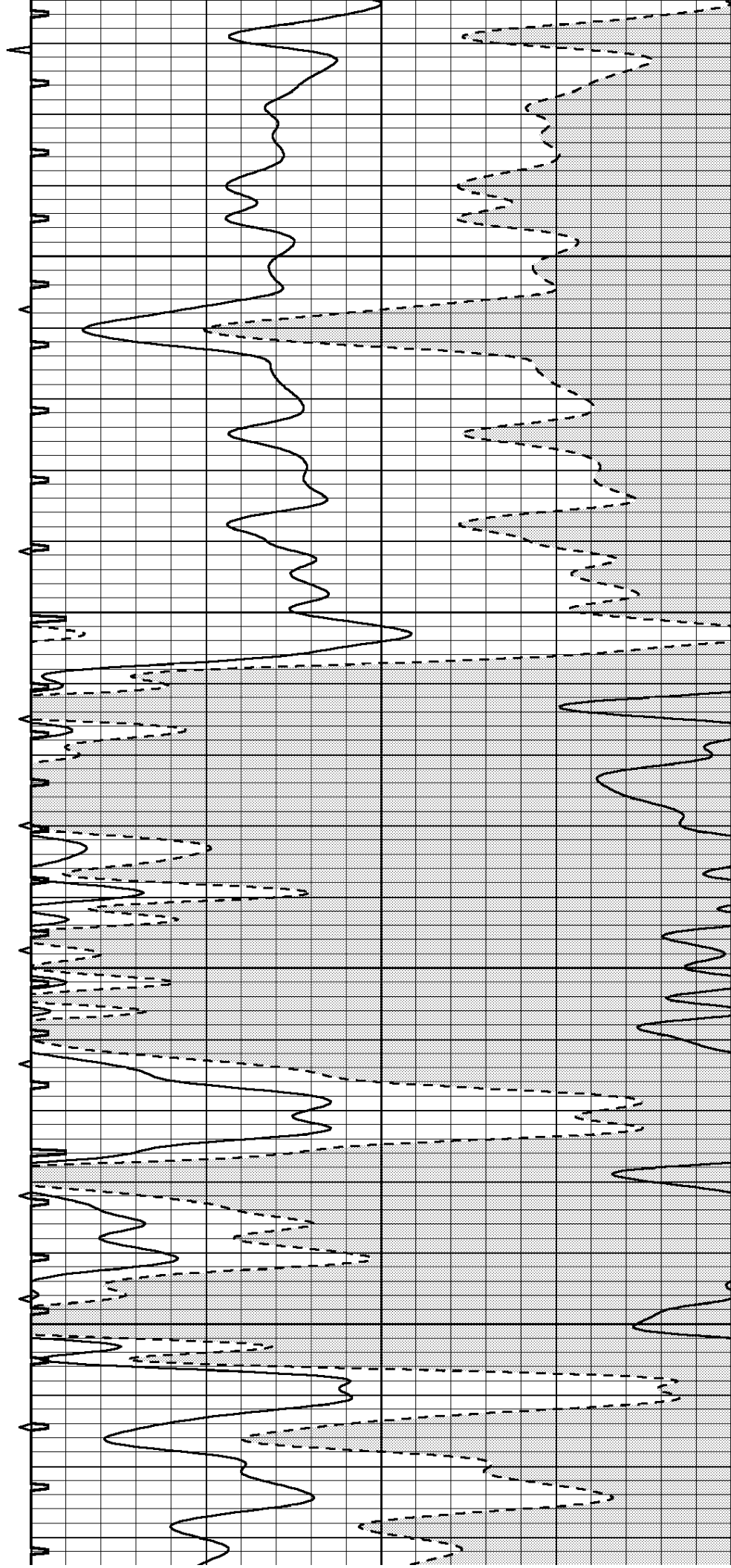


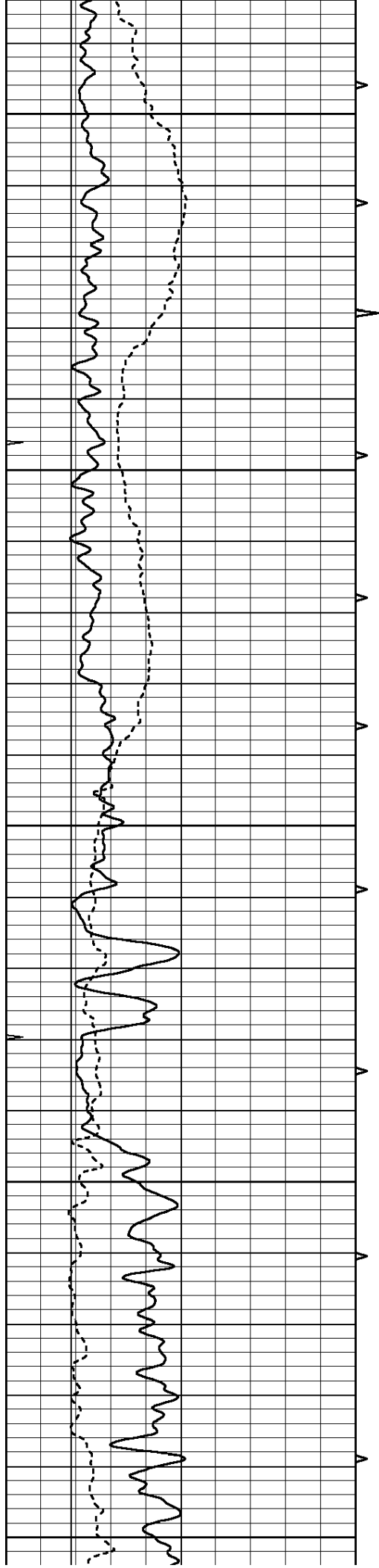
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900

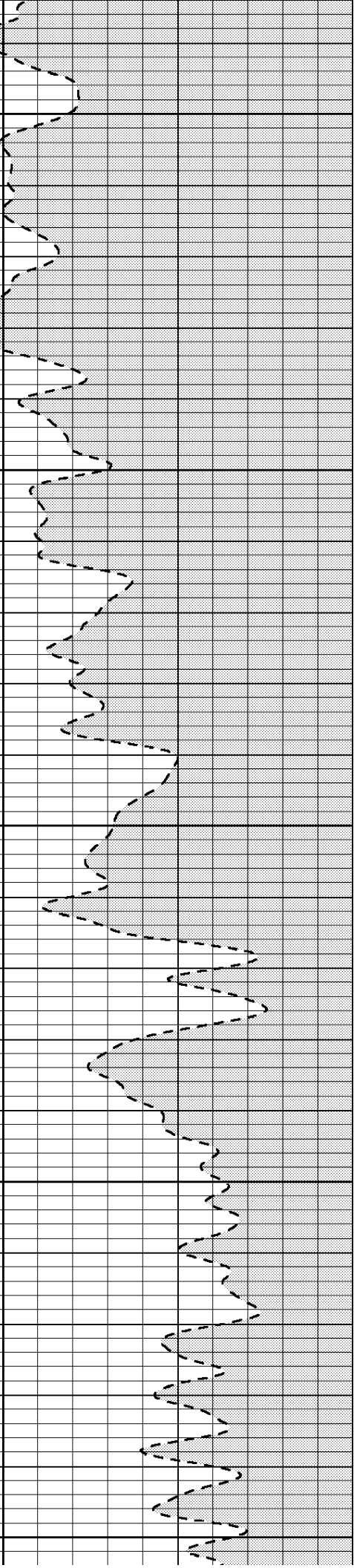
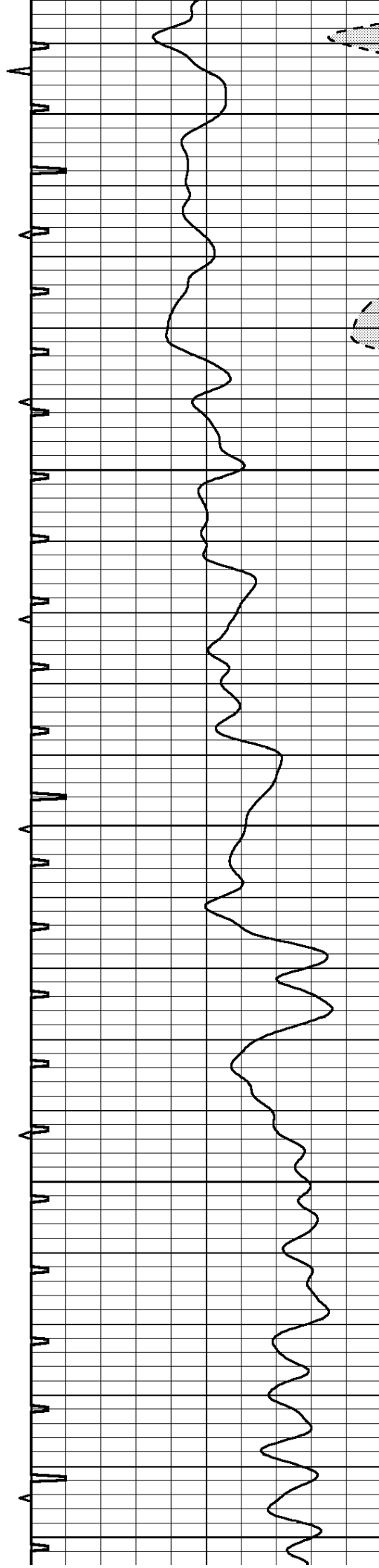
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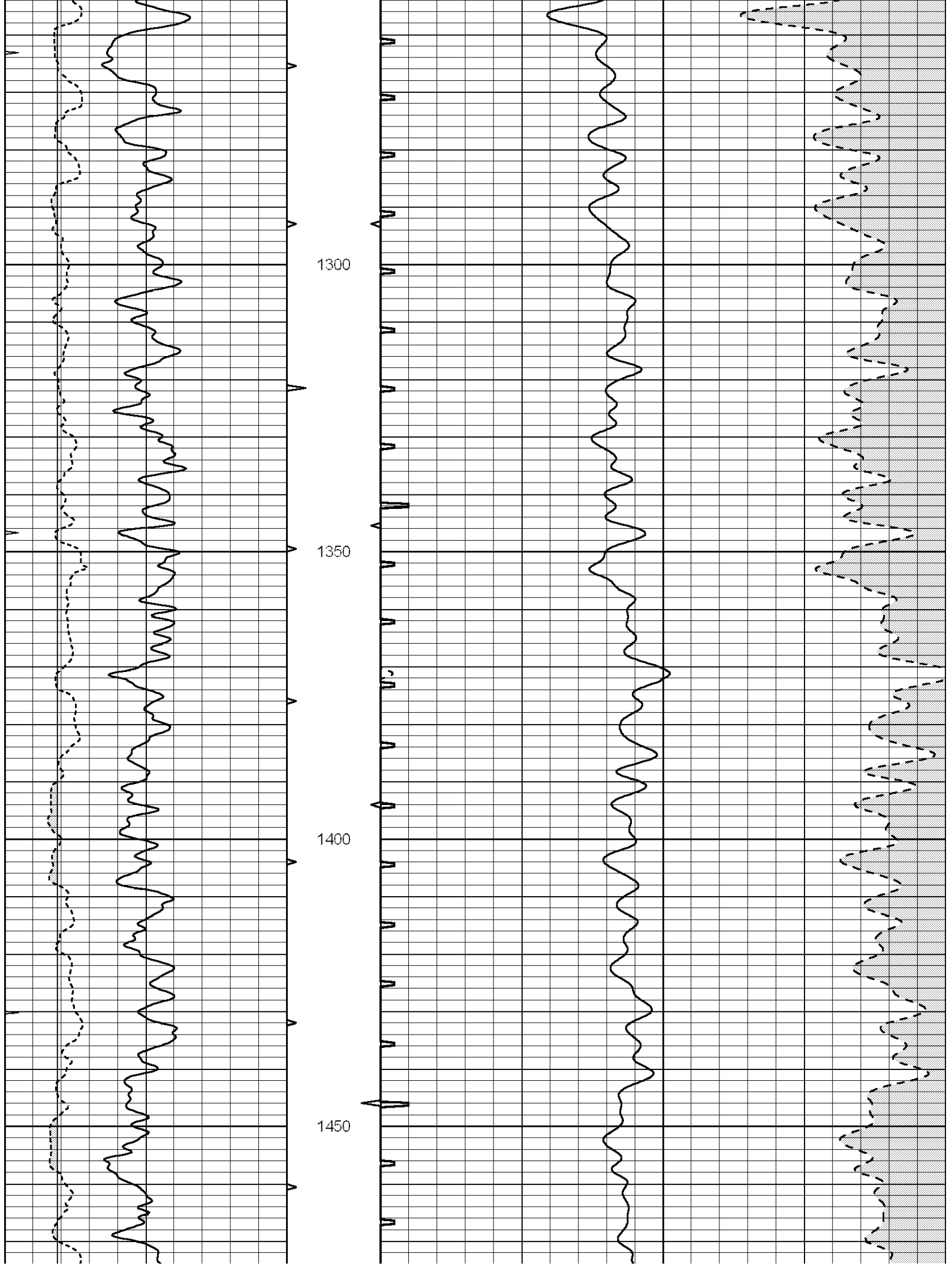
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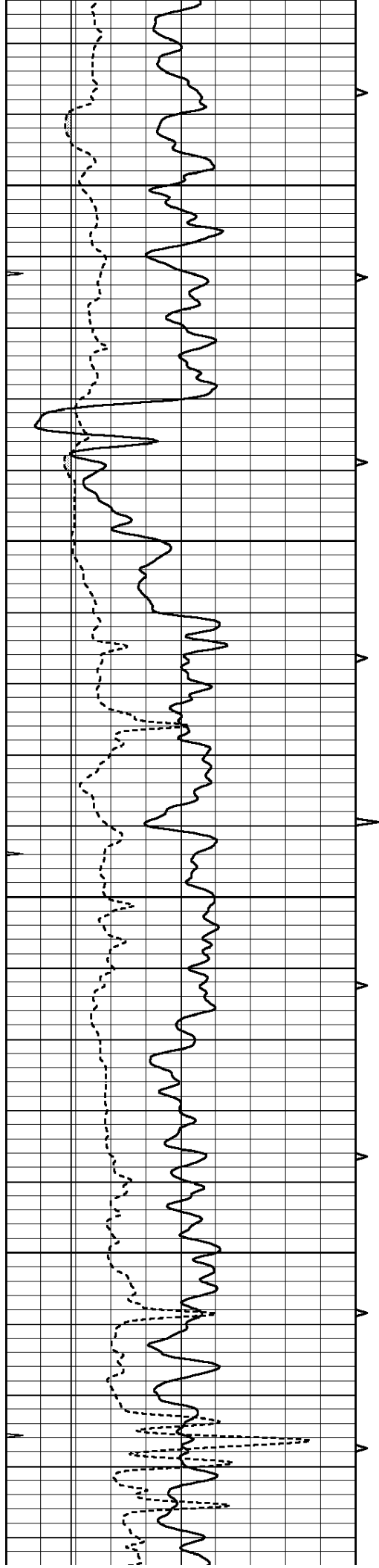




1050
1100
1150
1200
1250





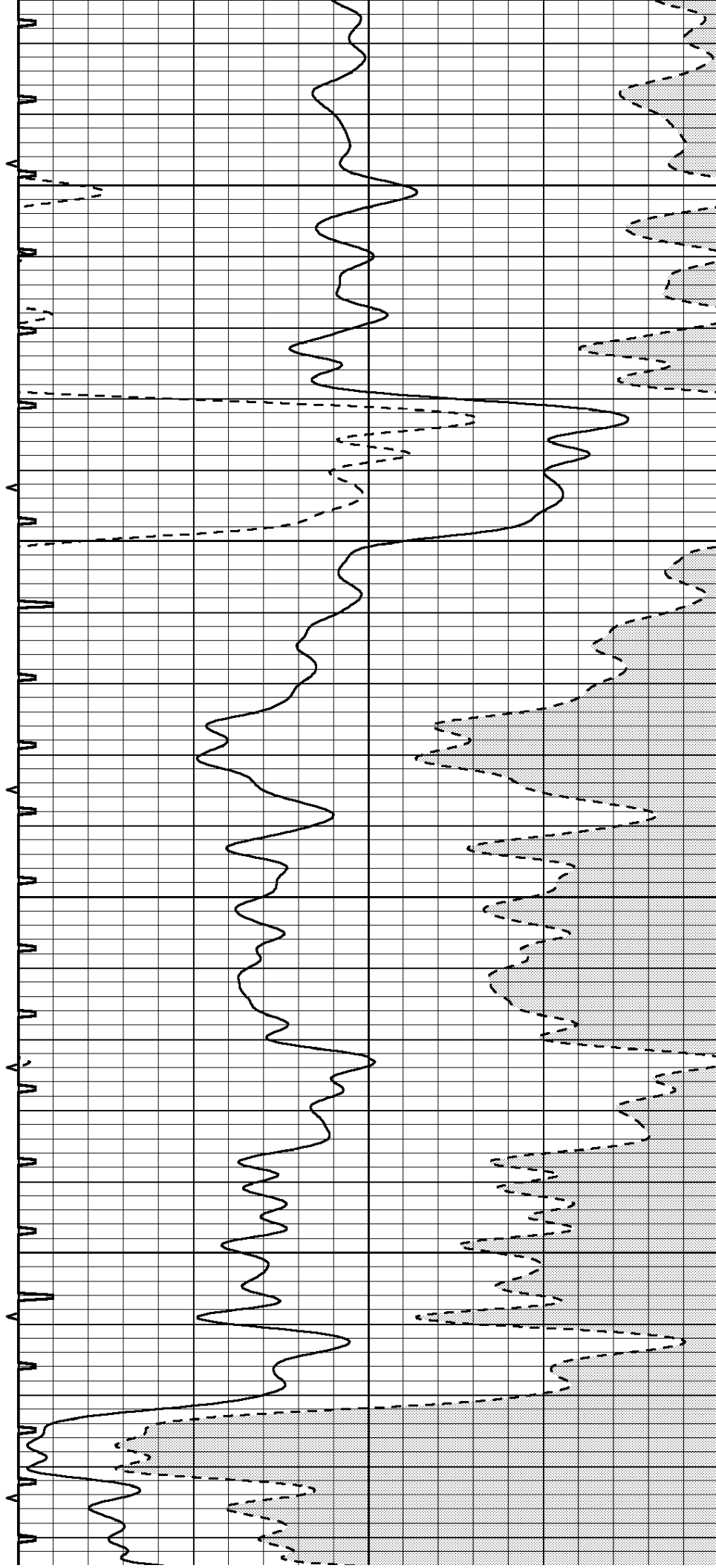


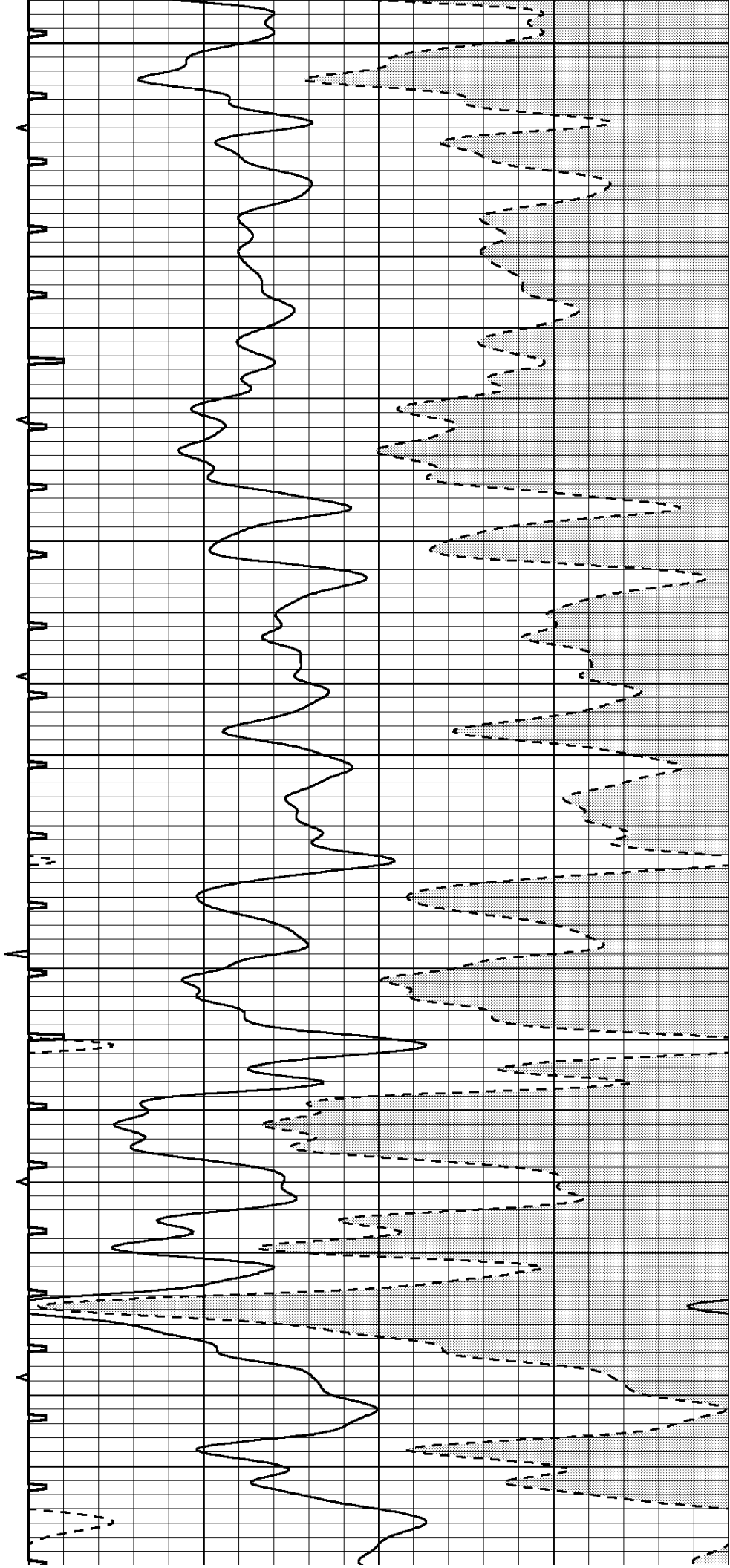
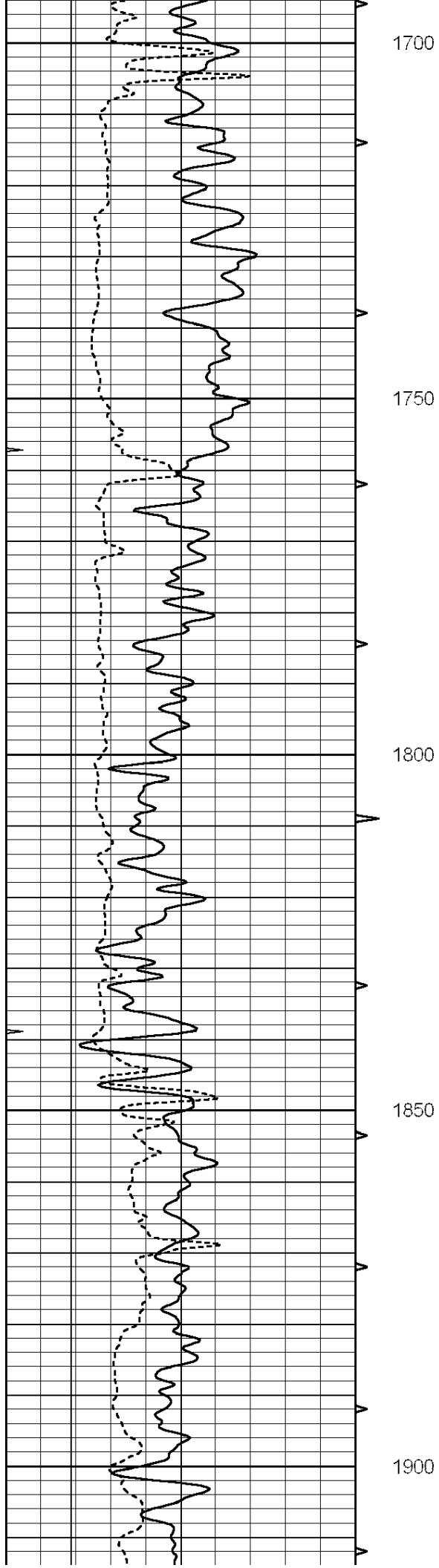
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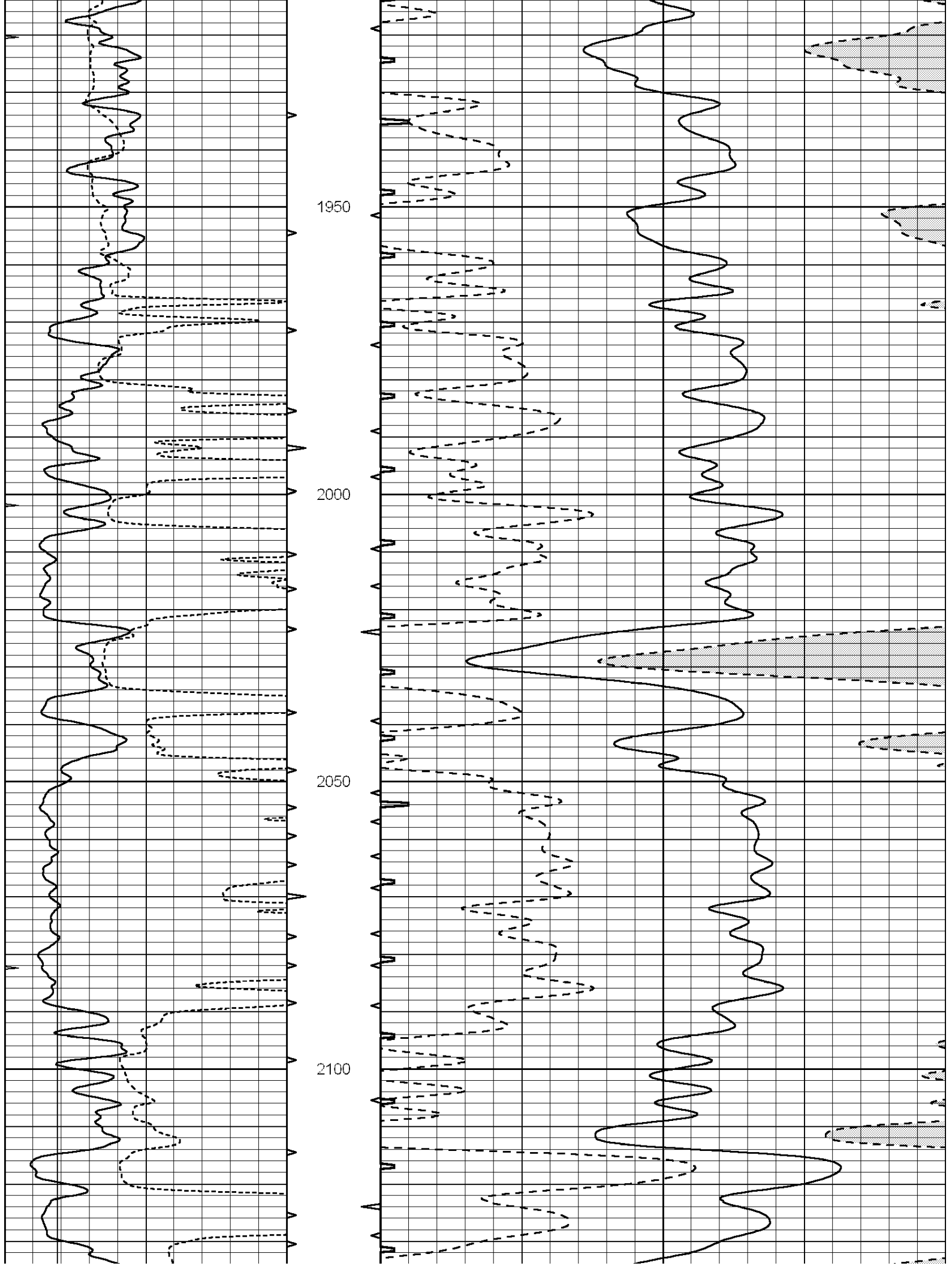
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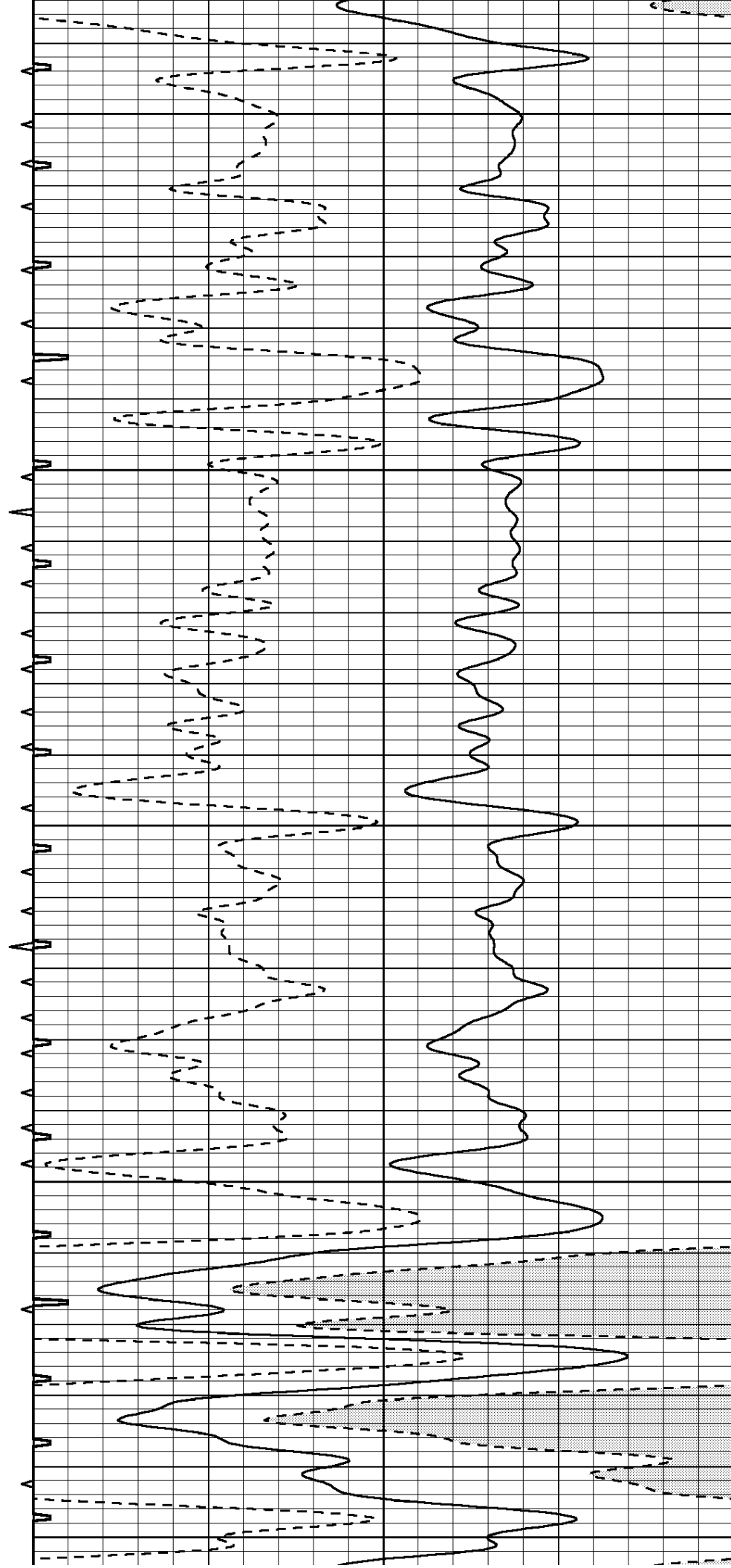
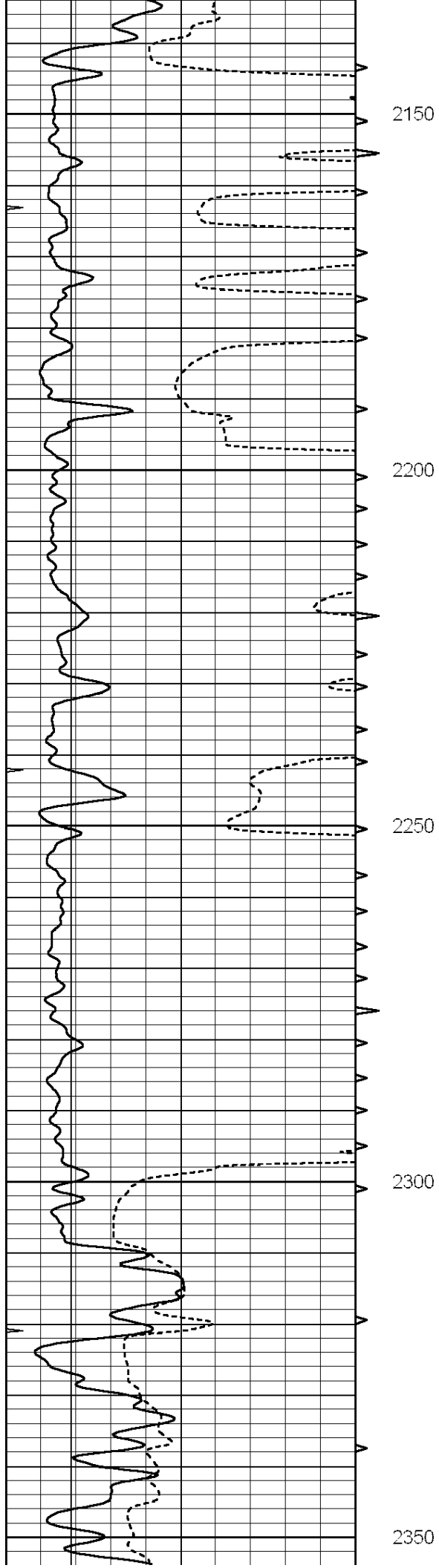
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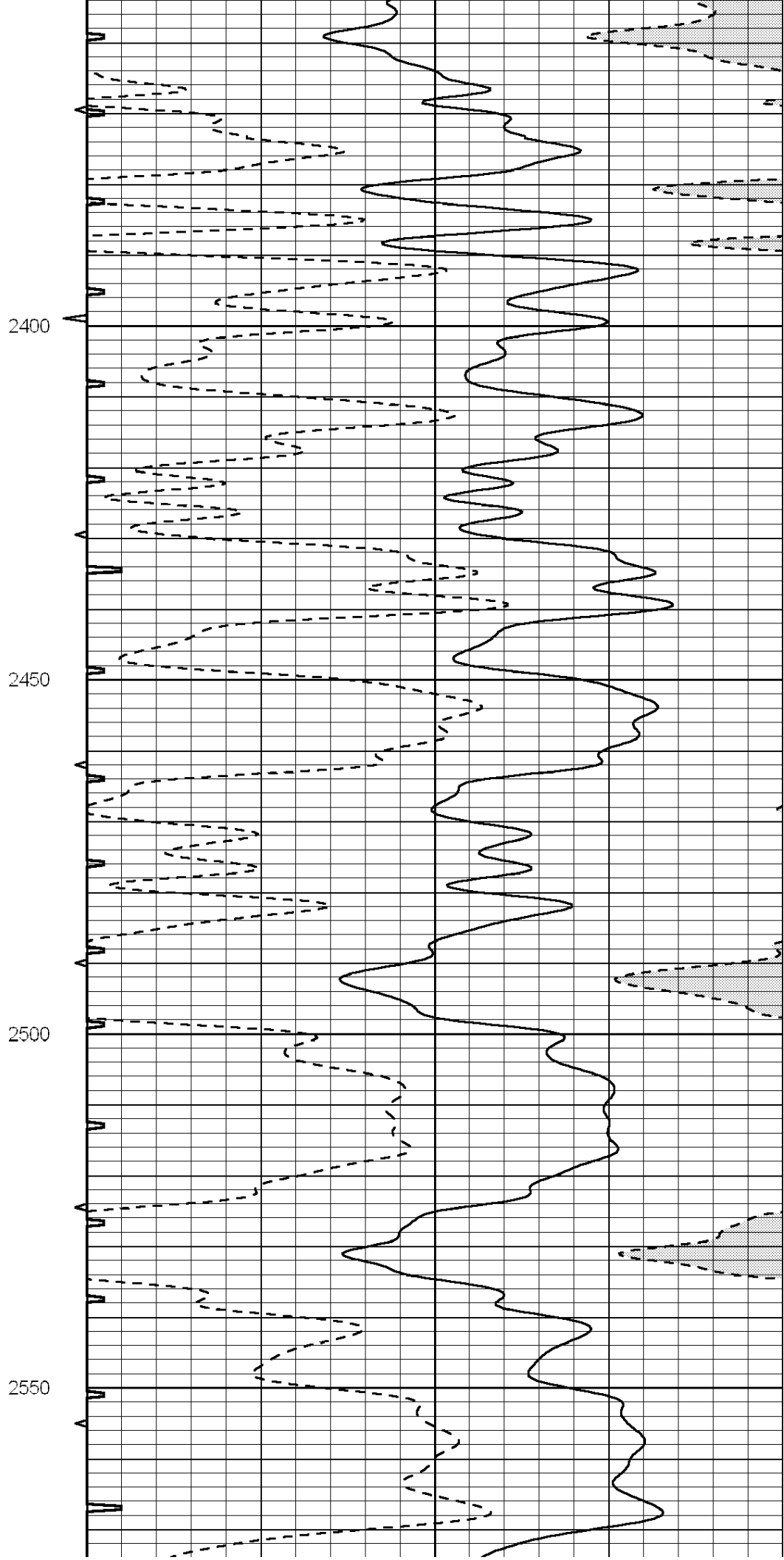
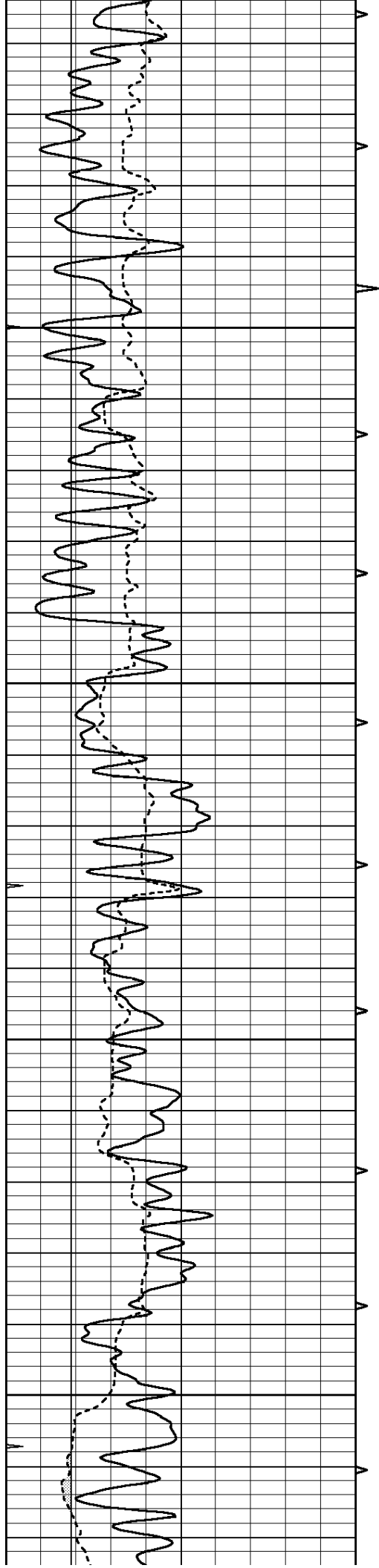
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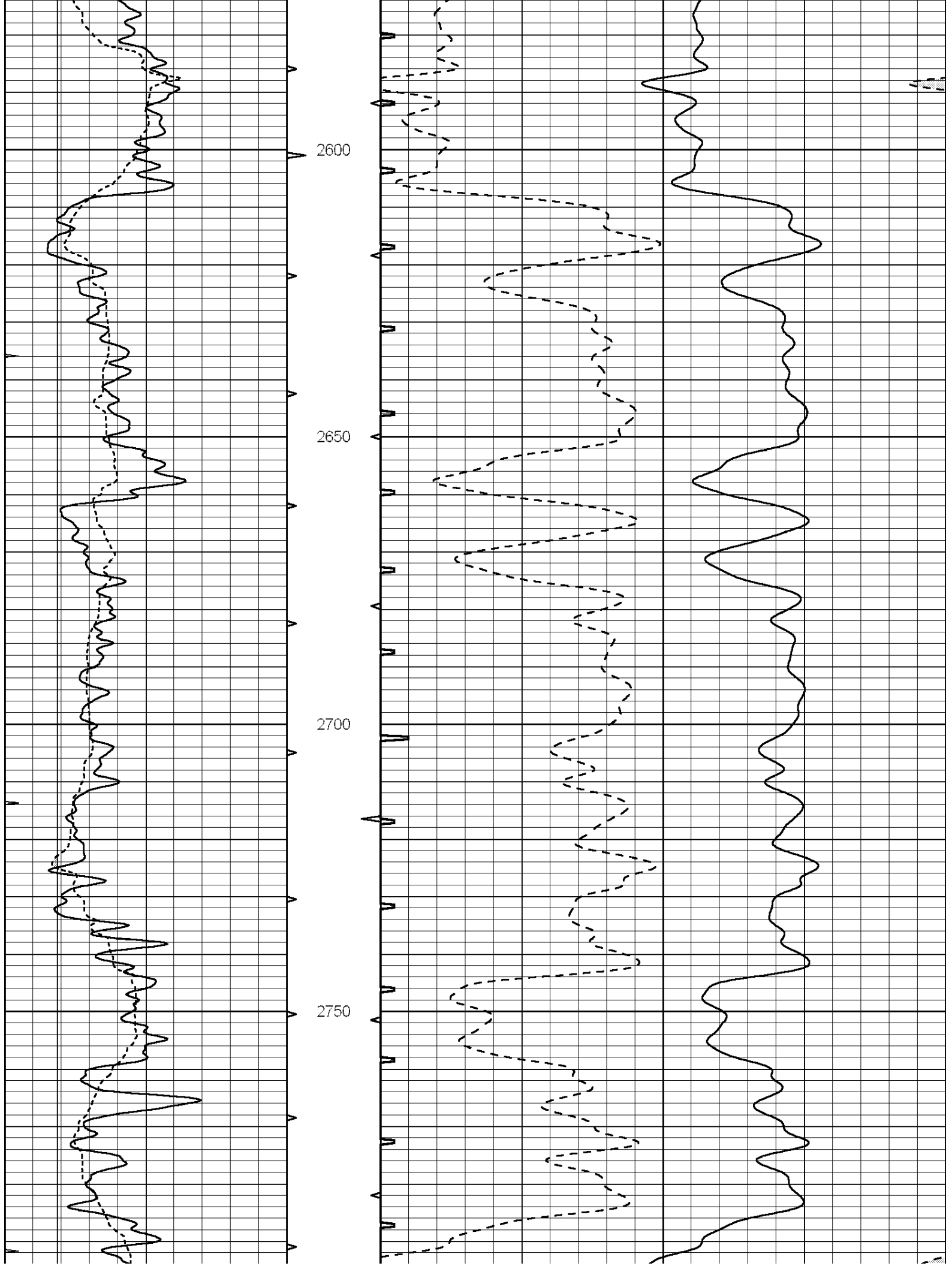


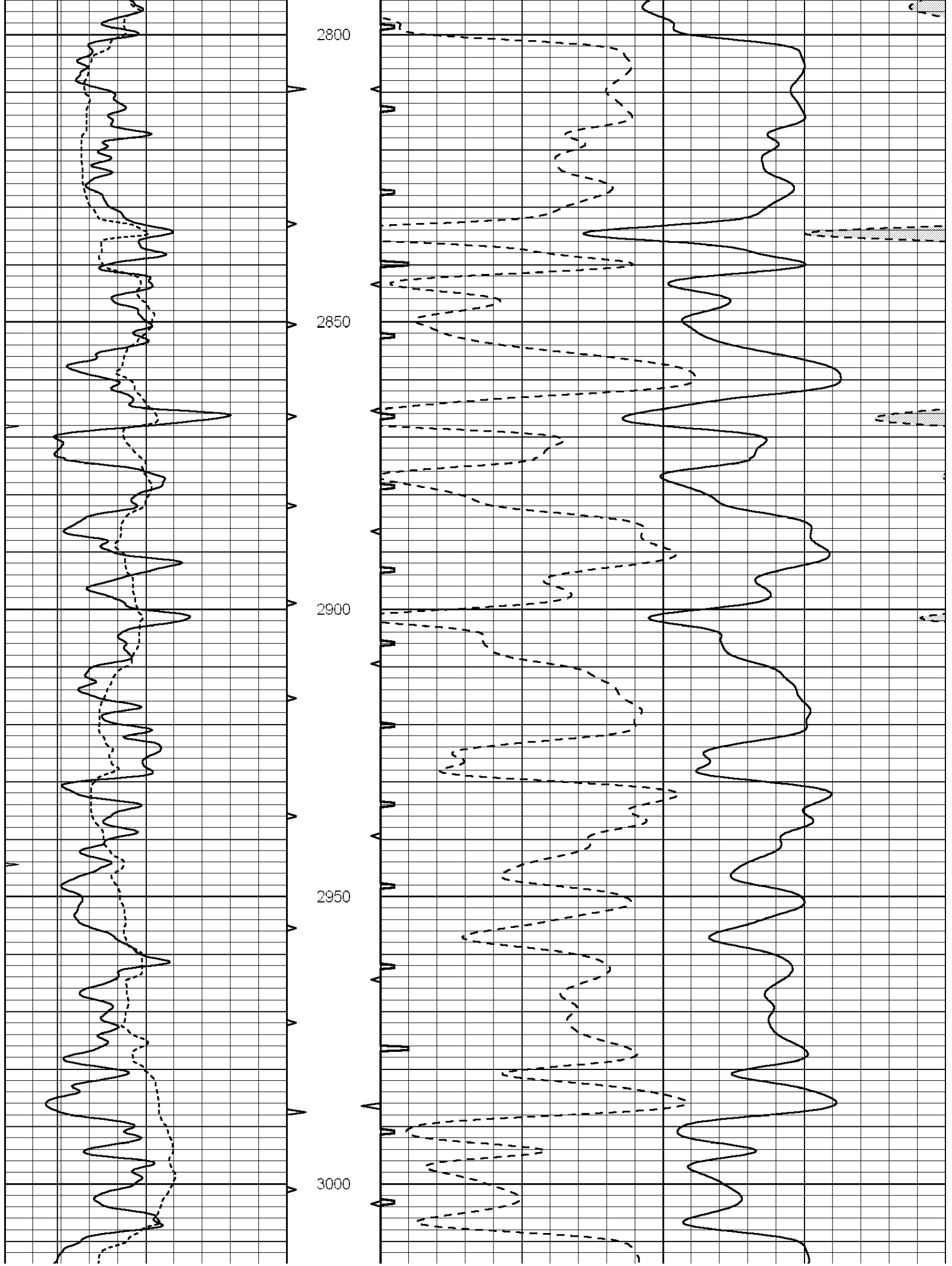


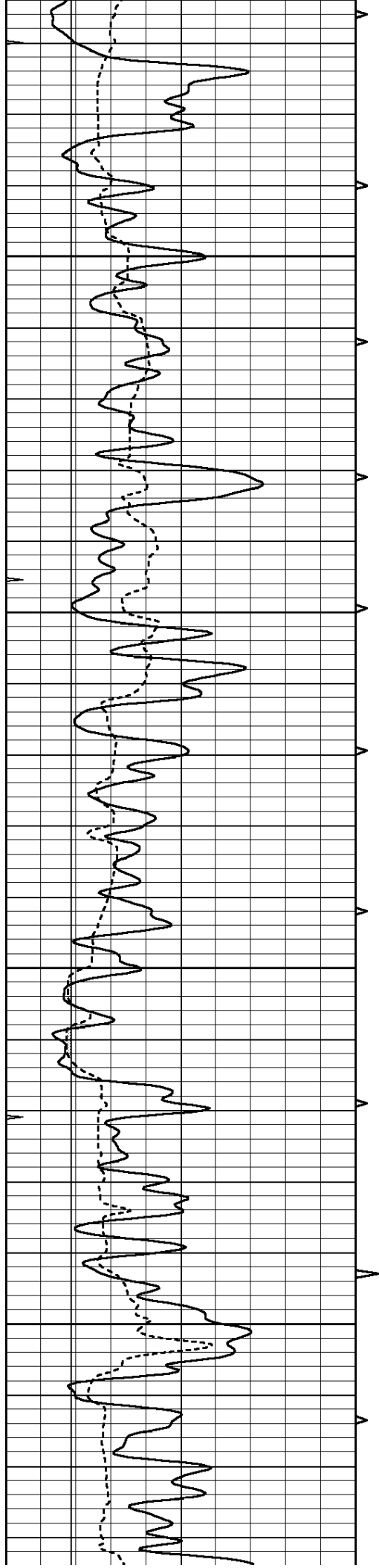










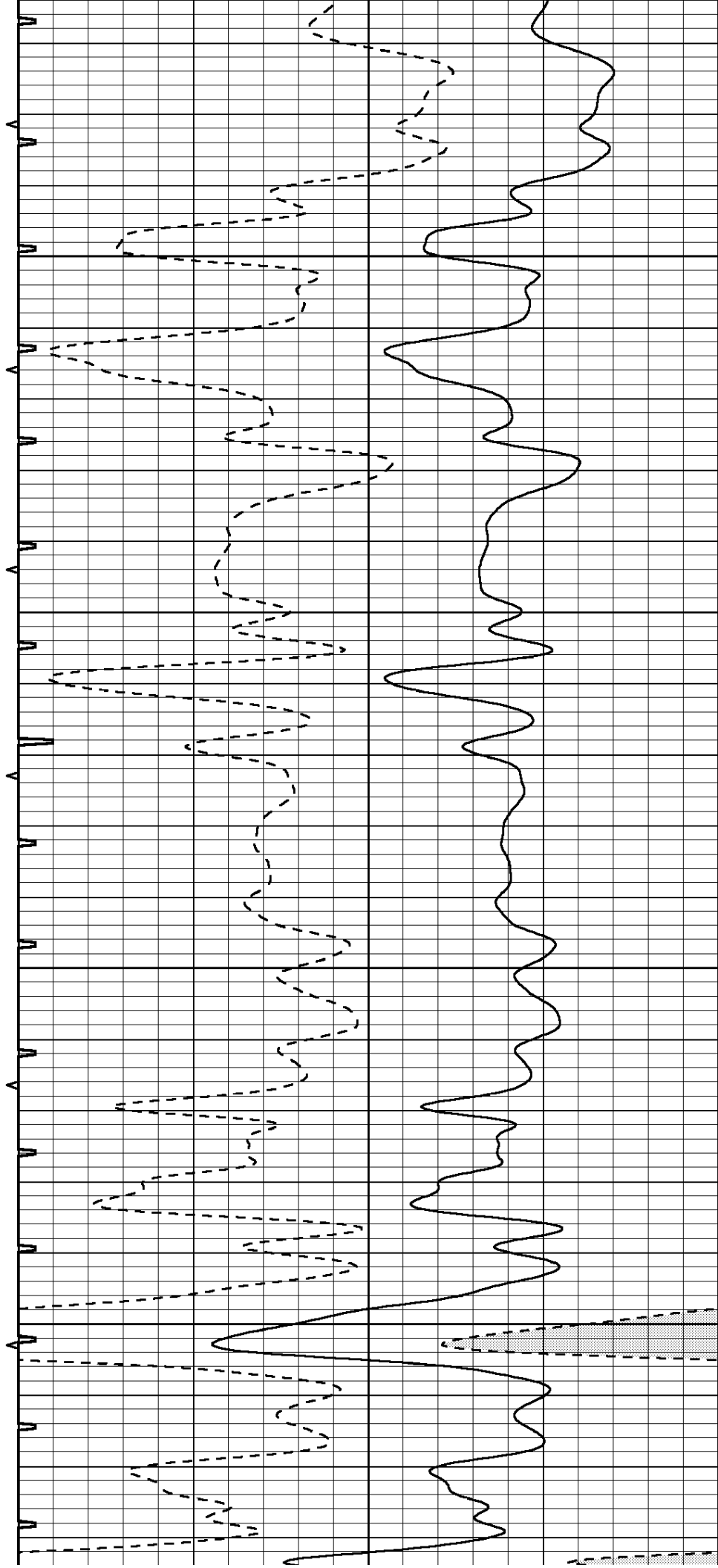


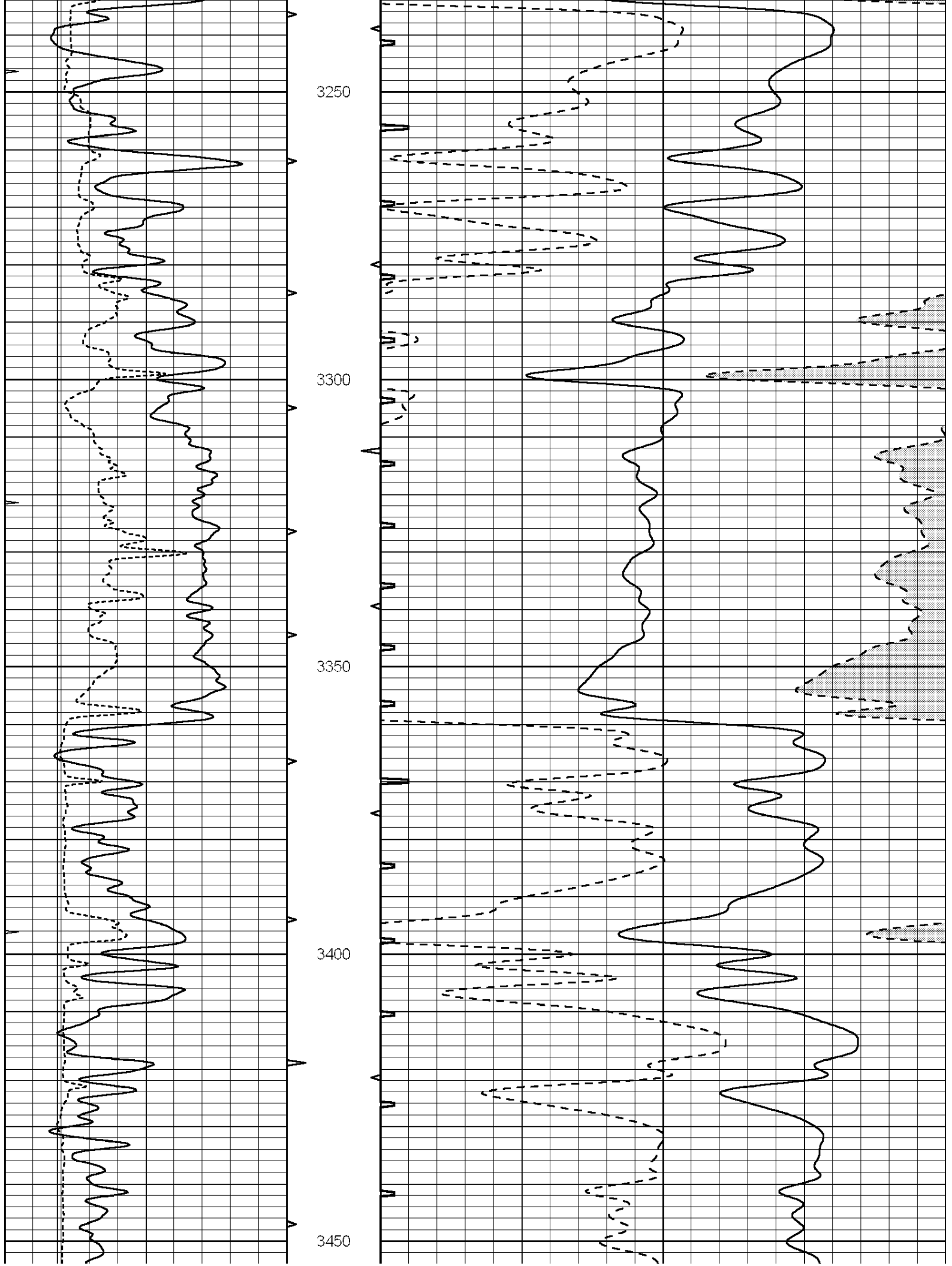
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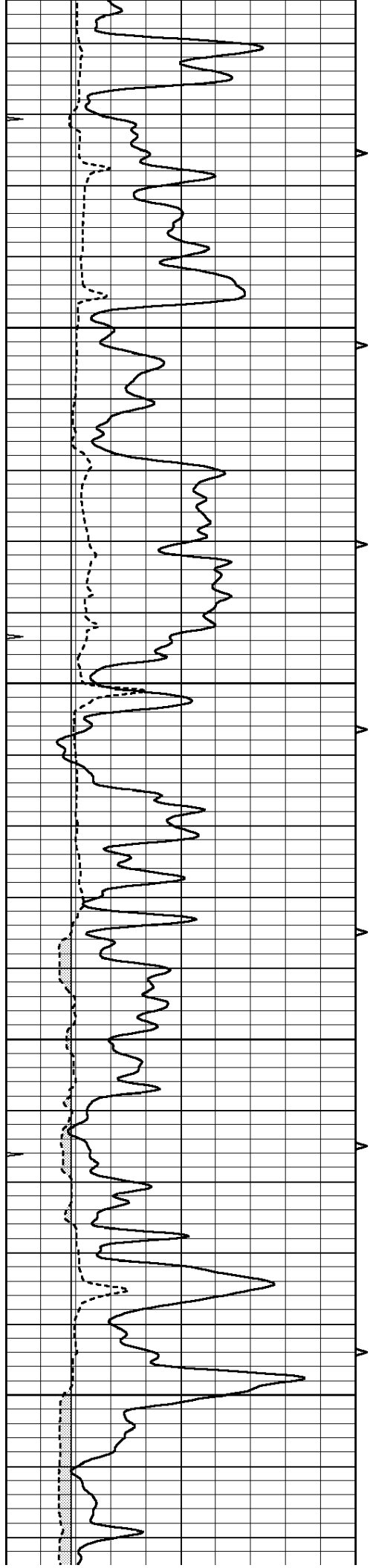
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3150

3200





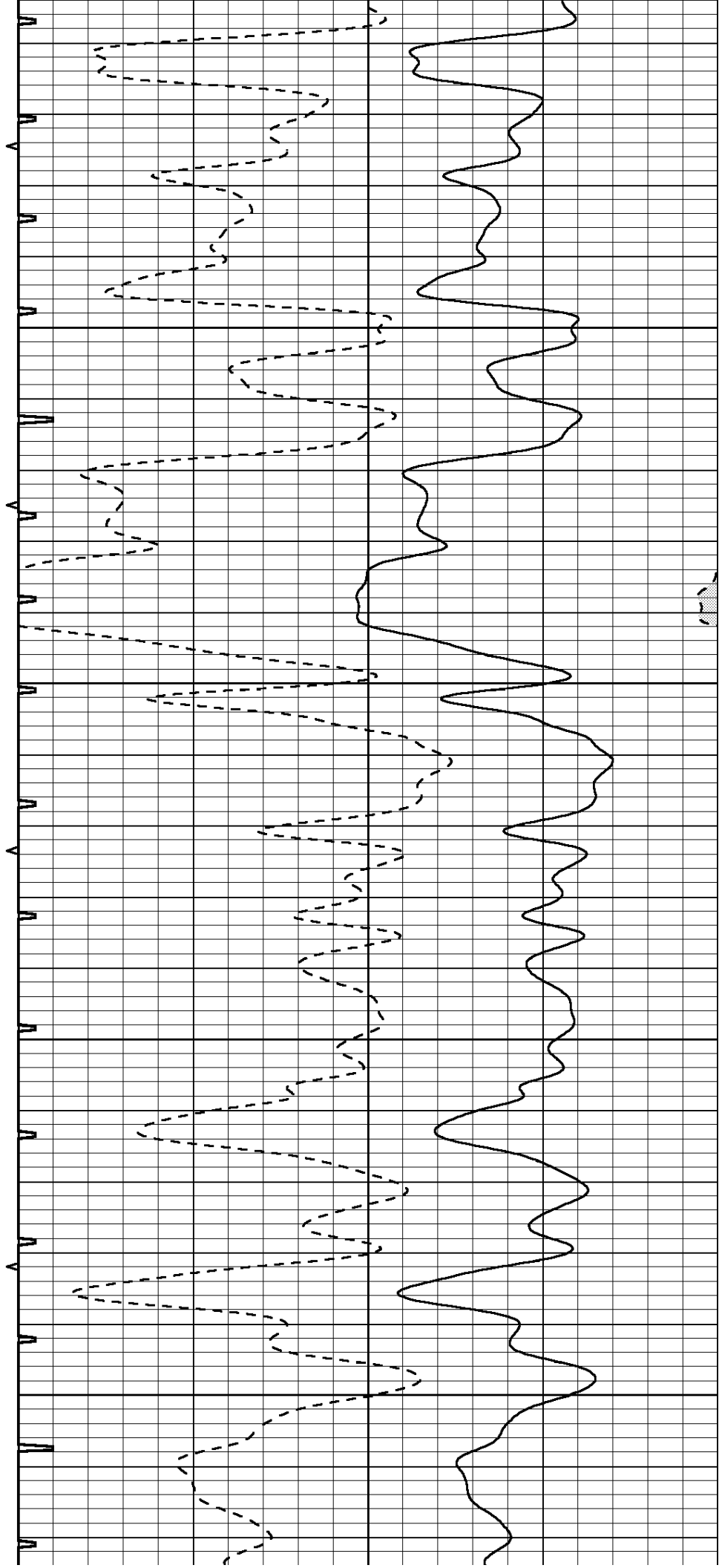


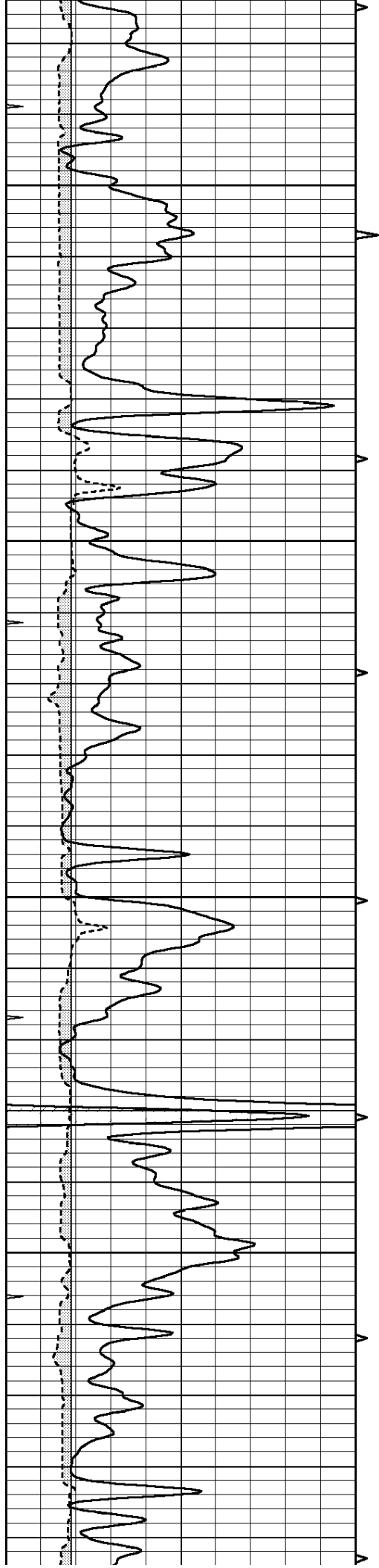
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3550

3600

3650



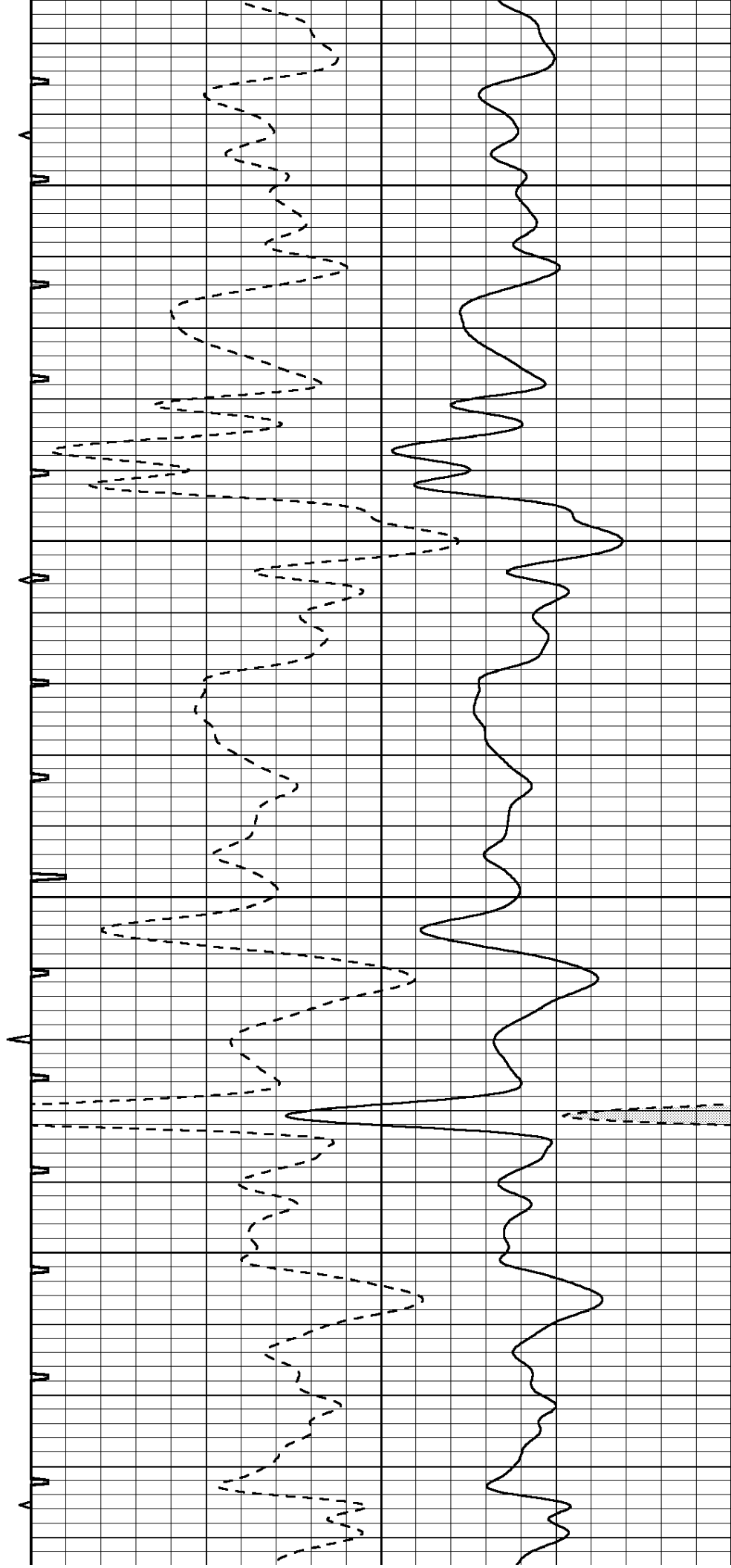


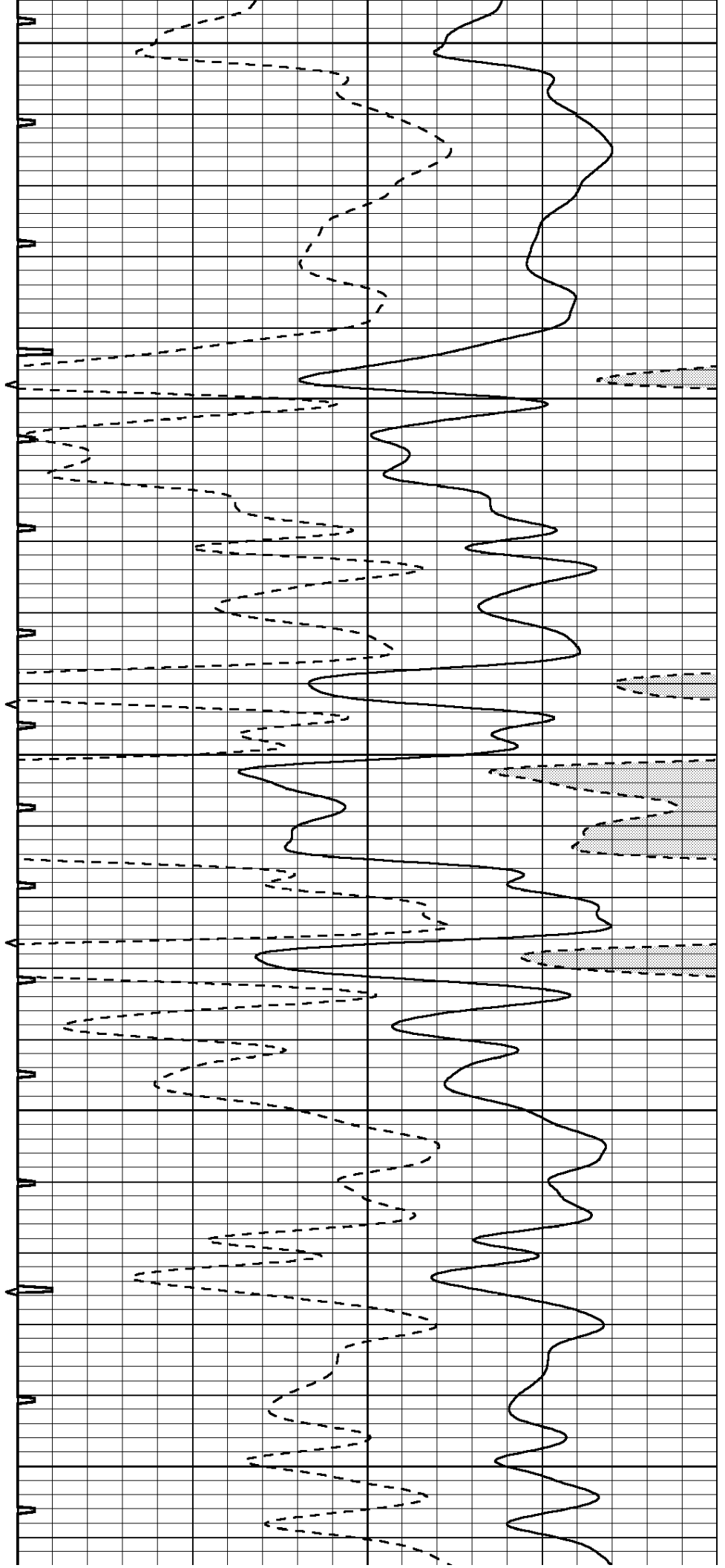
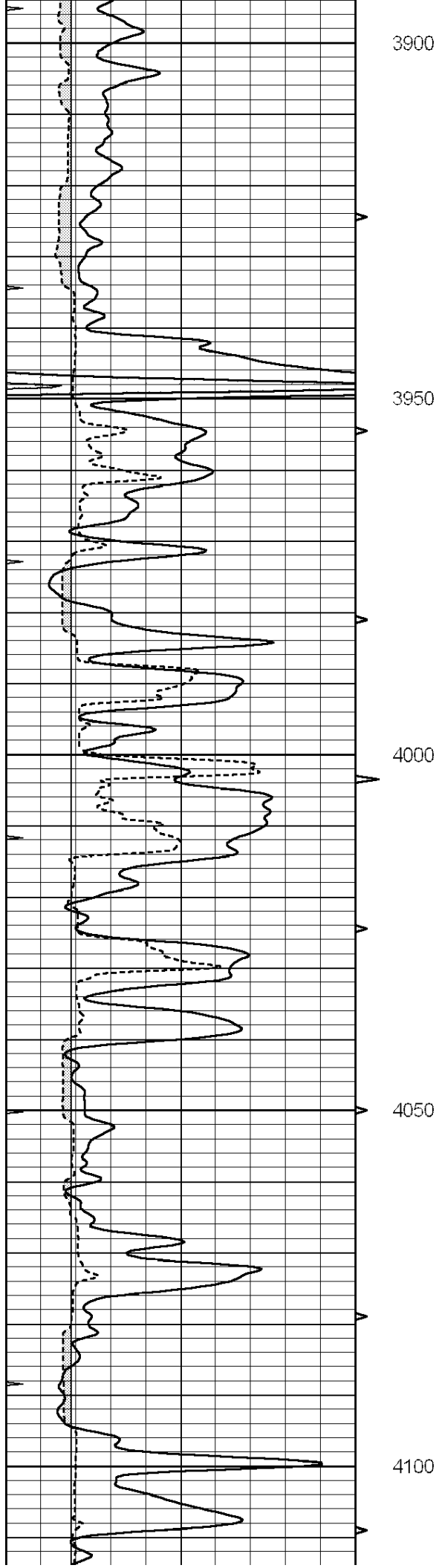
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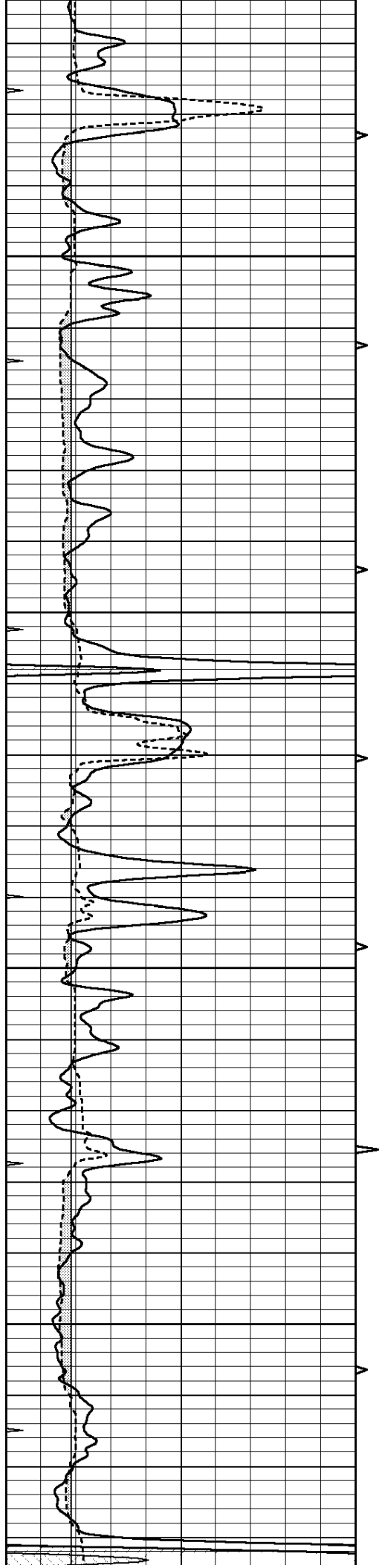
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3850





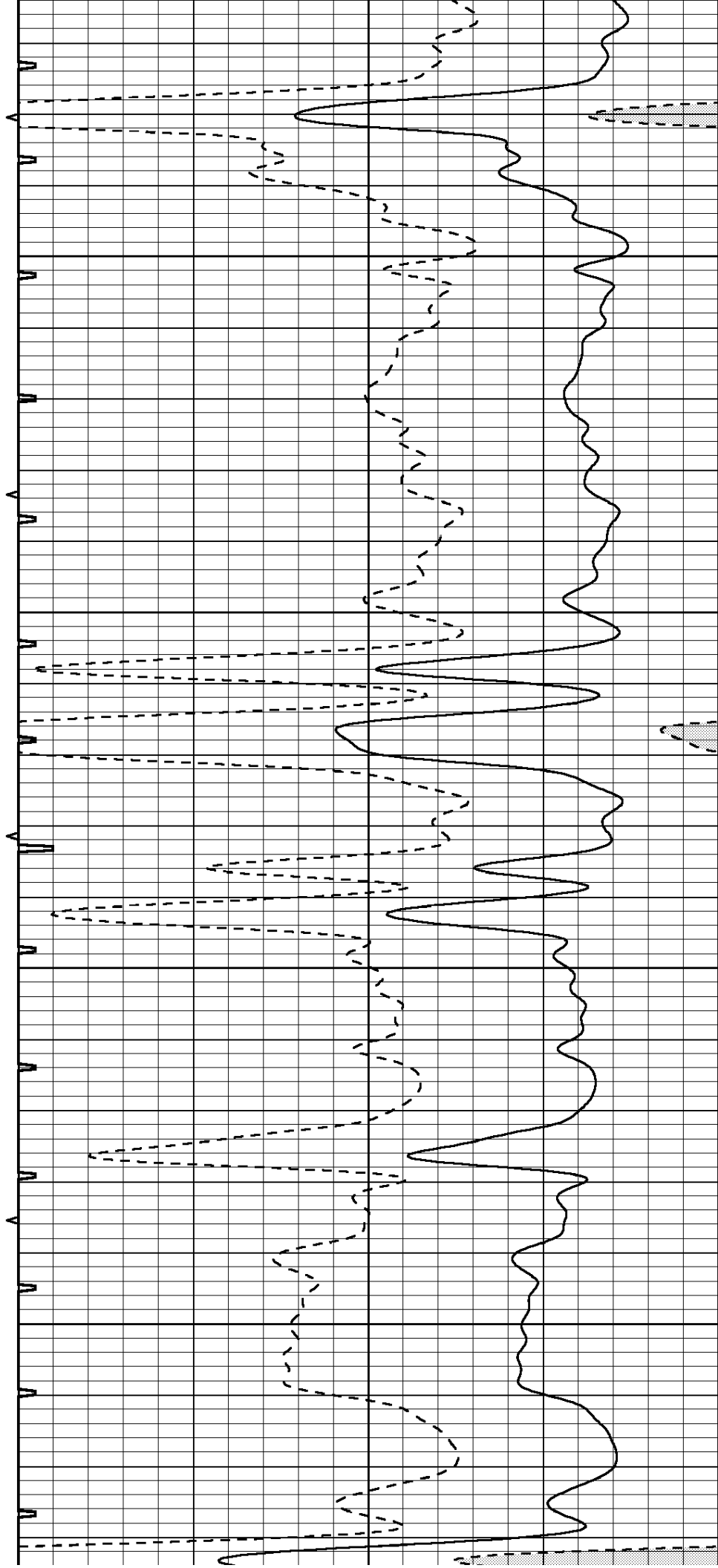


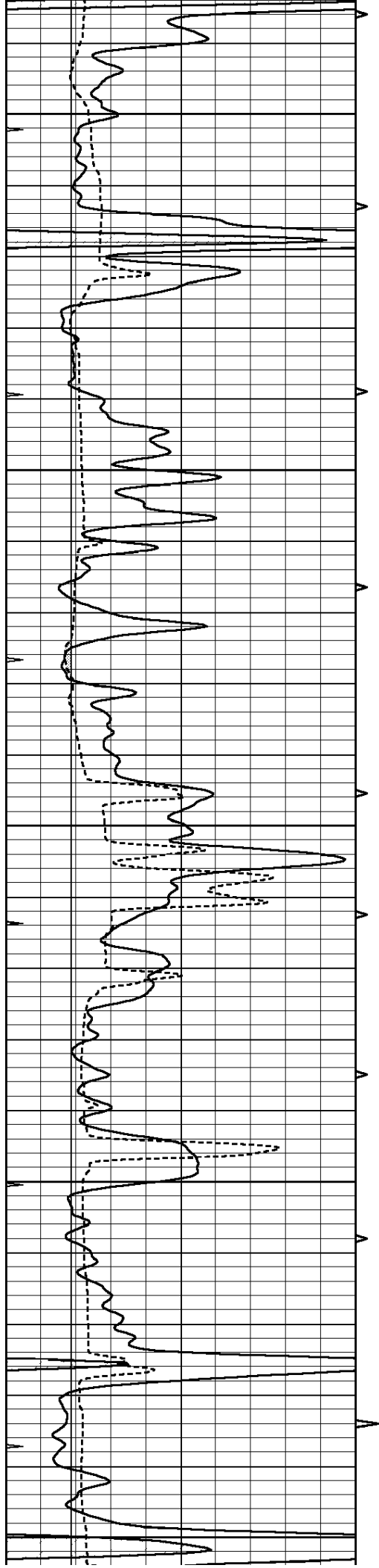
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4250

4300





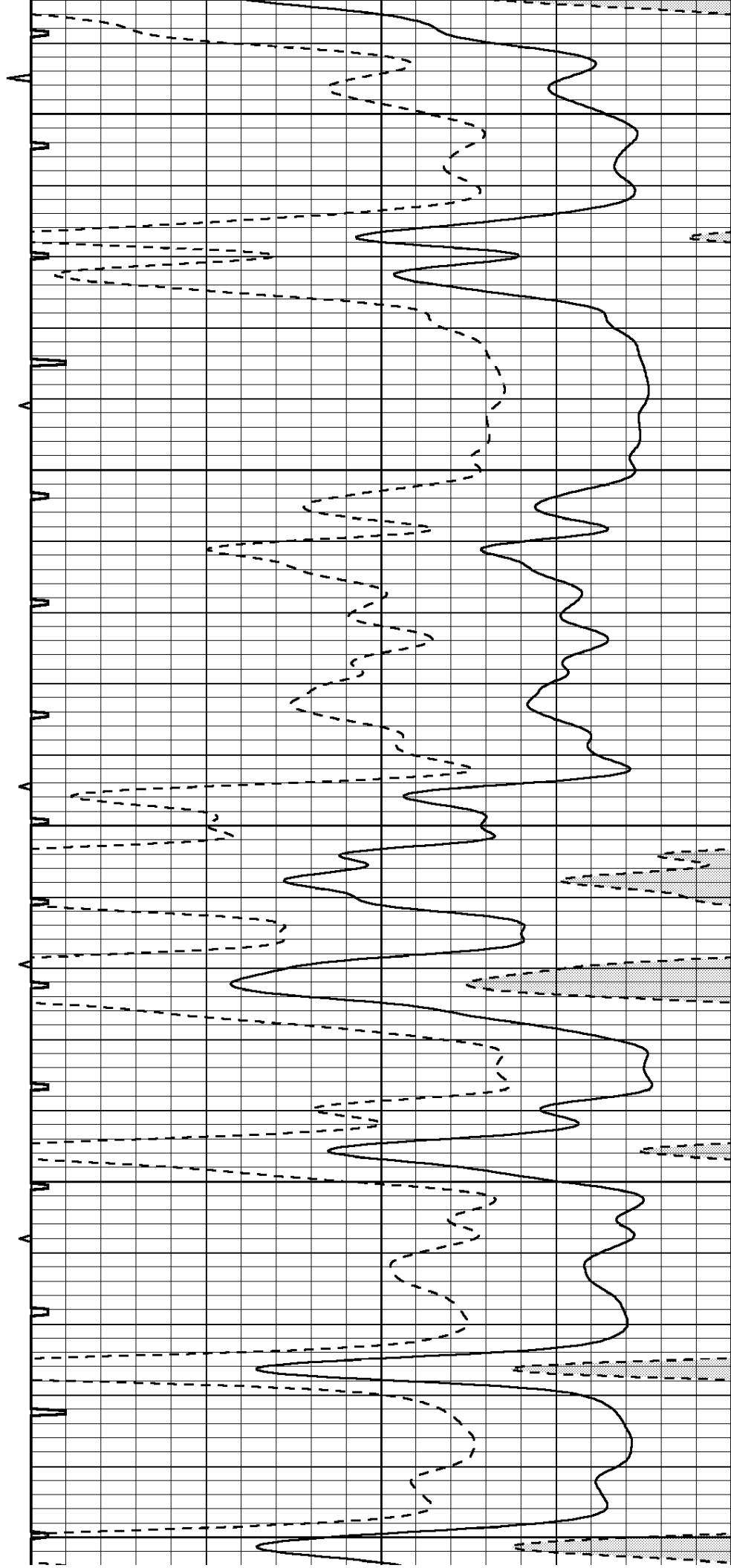
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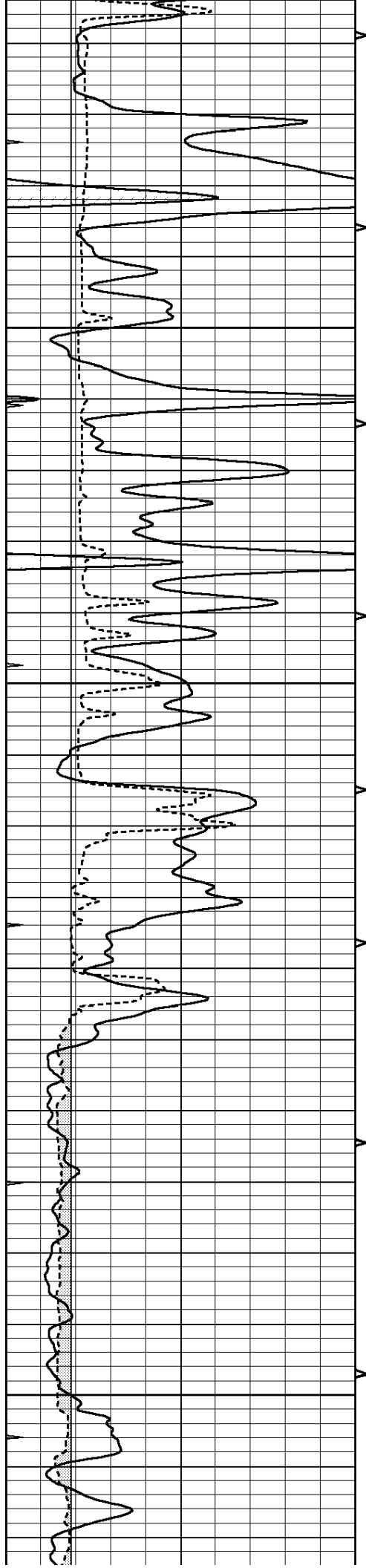
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4450

4500

4550





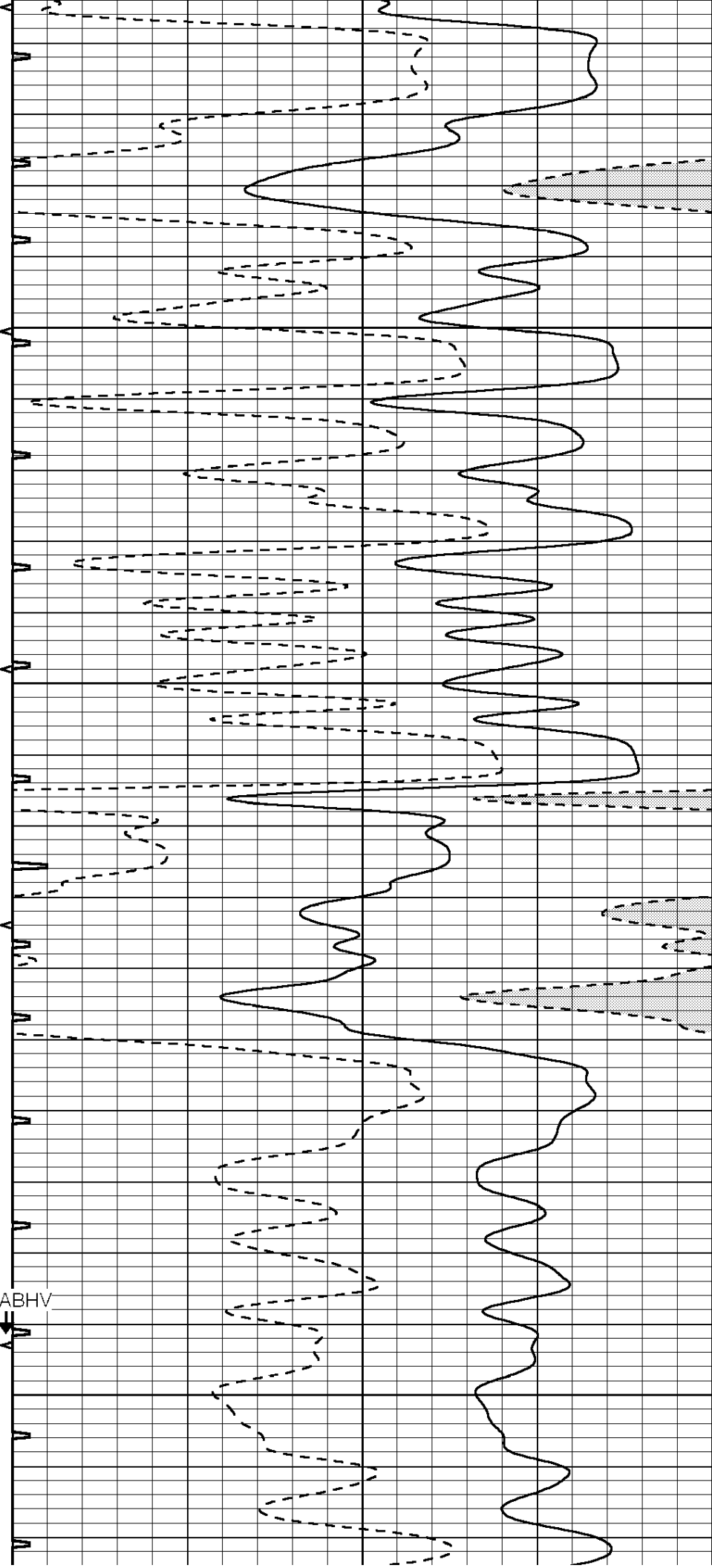
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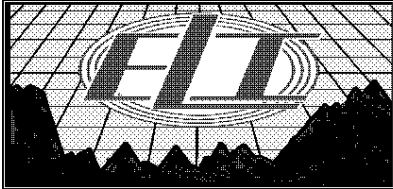
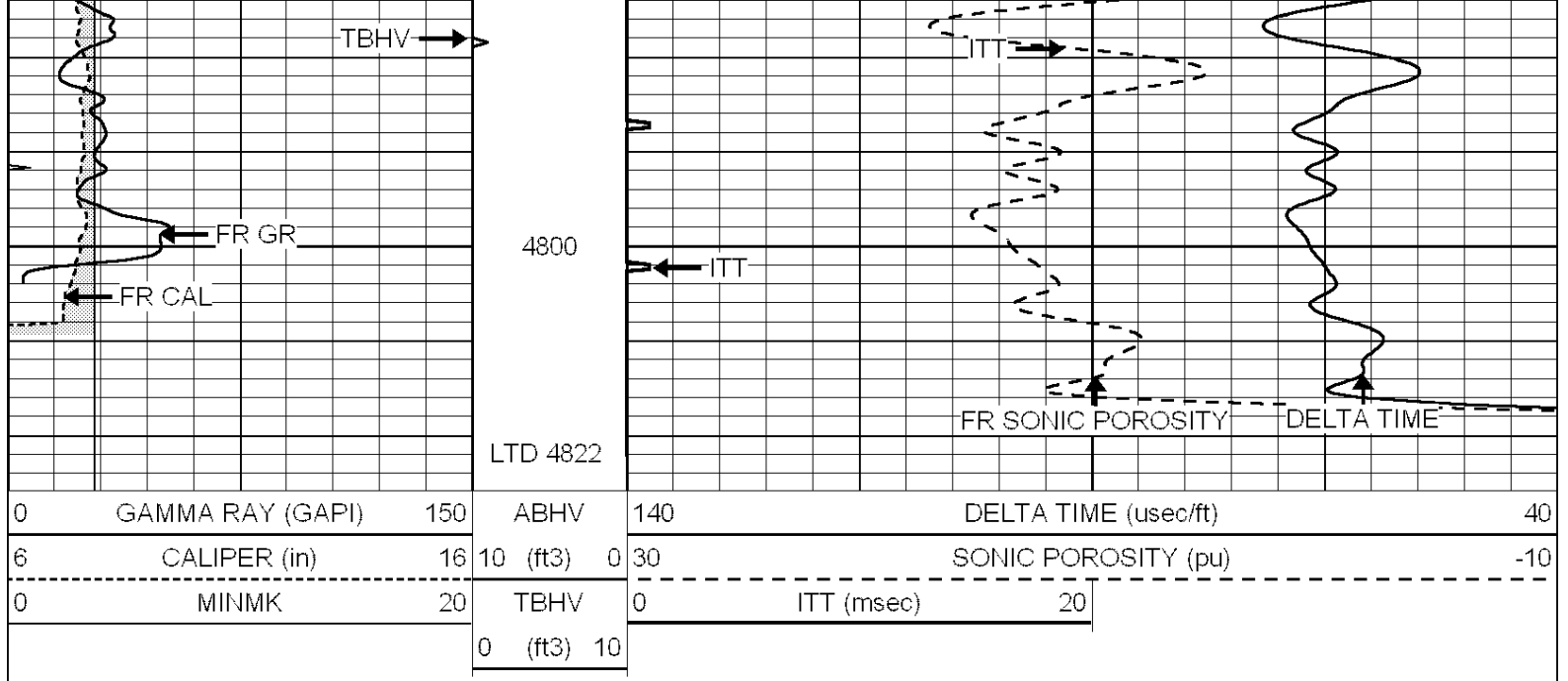
4650

4700

5.5" ABHV

4750





REPEAT SECTION

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 Presentation Format: slt
 Dataset Creation: Mon Nov 05 14:27:02 2018
 Charted by: Depth in Feet scaled 1:240

