



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		I. A. OPERATING, INC.	
Well		BEIKER TRUST #13-1	
Field		COOPER	
County		GRAHAM	
State		KANSAS	
Company		I. A. OPERATING, INC.	
Well		BEIKER TRUST #13-1	
Field		COOPER	
County		GRAHAM	
State		KANSAS	
Location:		API # : 15-065-24085-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 13 TWP 10S RGE 21W		Elevation	
		K.B. 2261	
		D.F. 2259	
		G.L. 2253	
Date	12/9/14		
Run Number	TWO		
Depth Driller	3950		
Depth Logger	3948		
Bottom Logged Interval	3940		
Top Log Interval	200		
Casing Driller	8 5/8"@221'		
Casing Logger	221		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,000 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.800@70F		
Rmf @ Meas. Temp	.600@80F		
Rmc @ Meas. Temp	.960@70F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.483@116F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	2:00 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	STEVE REED		

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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
PALCO, KS., S. ON BLKTOP TO "CC RD.", 2 1/2W., 3/4N. INTO ON LEASE RD.



NABORS
COMPLETION
& PRODUCTION

MAIN SECTION

Database File:

26325ddn.db

Dataset Pathname:

pass6.6

Presentation Format:

slt

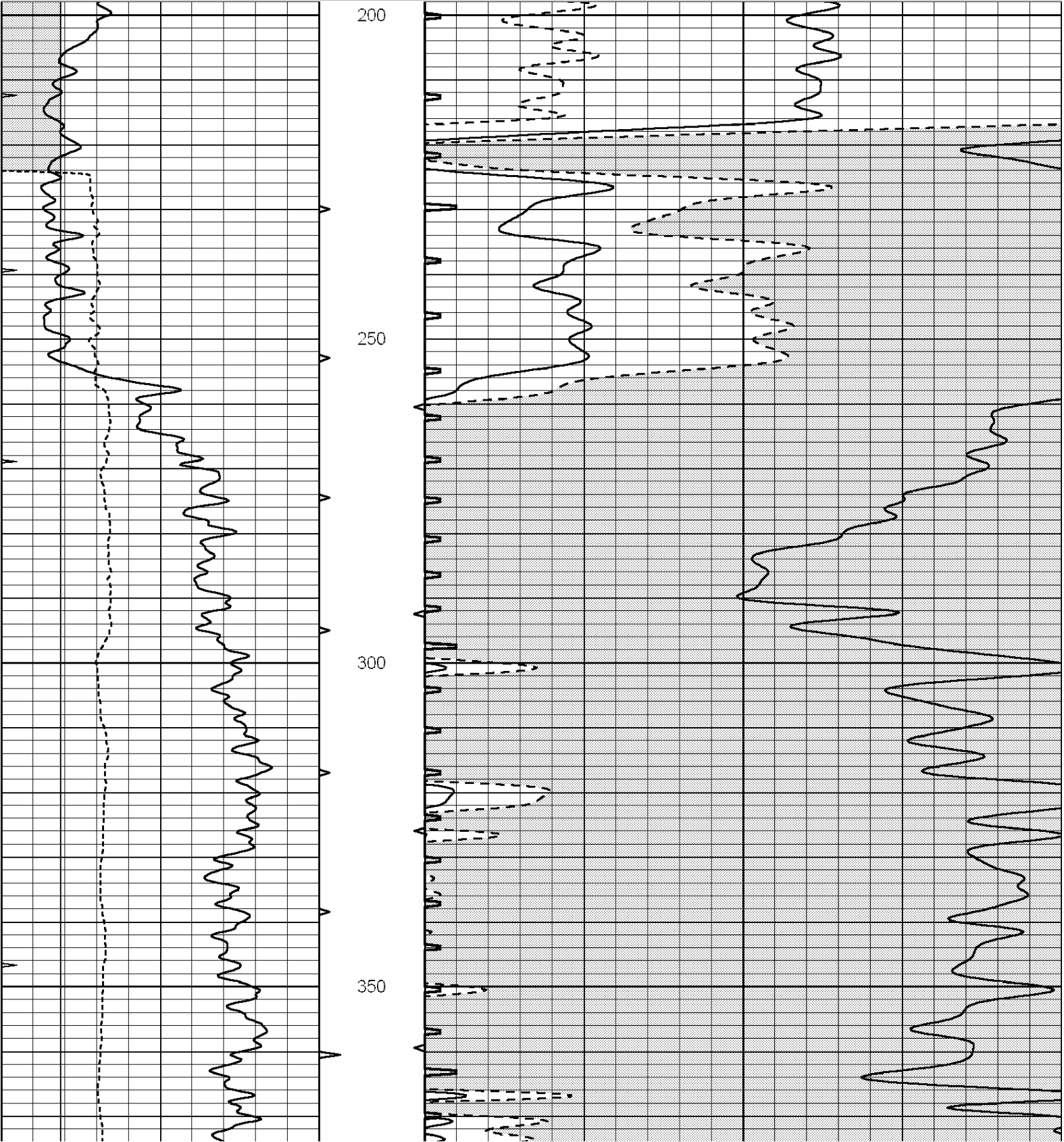
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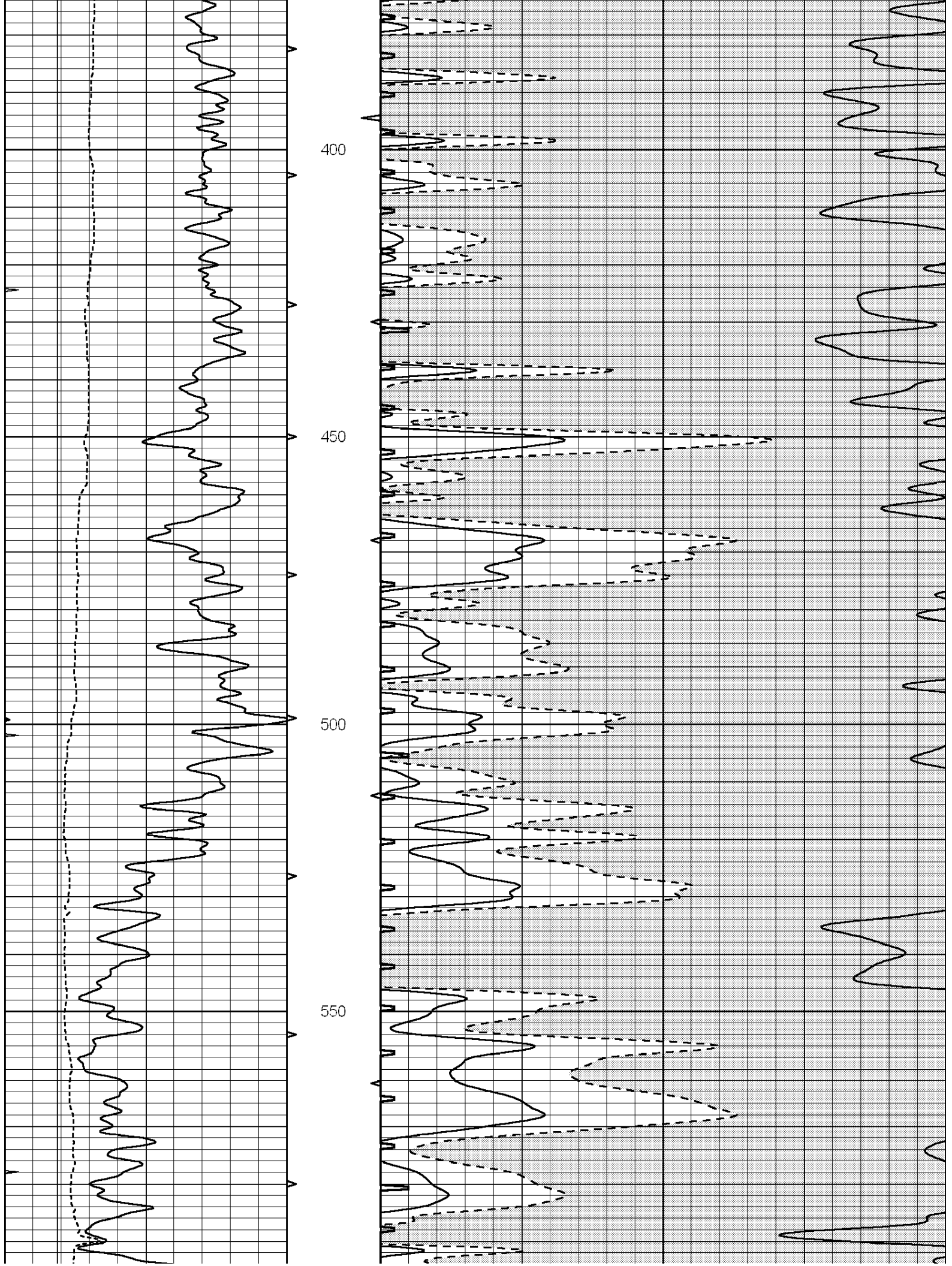
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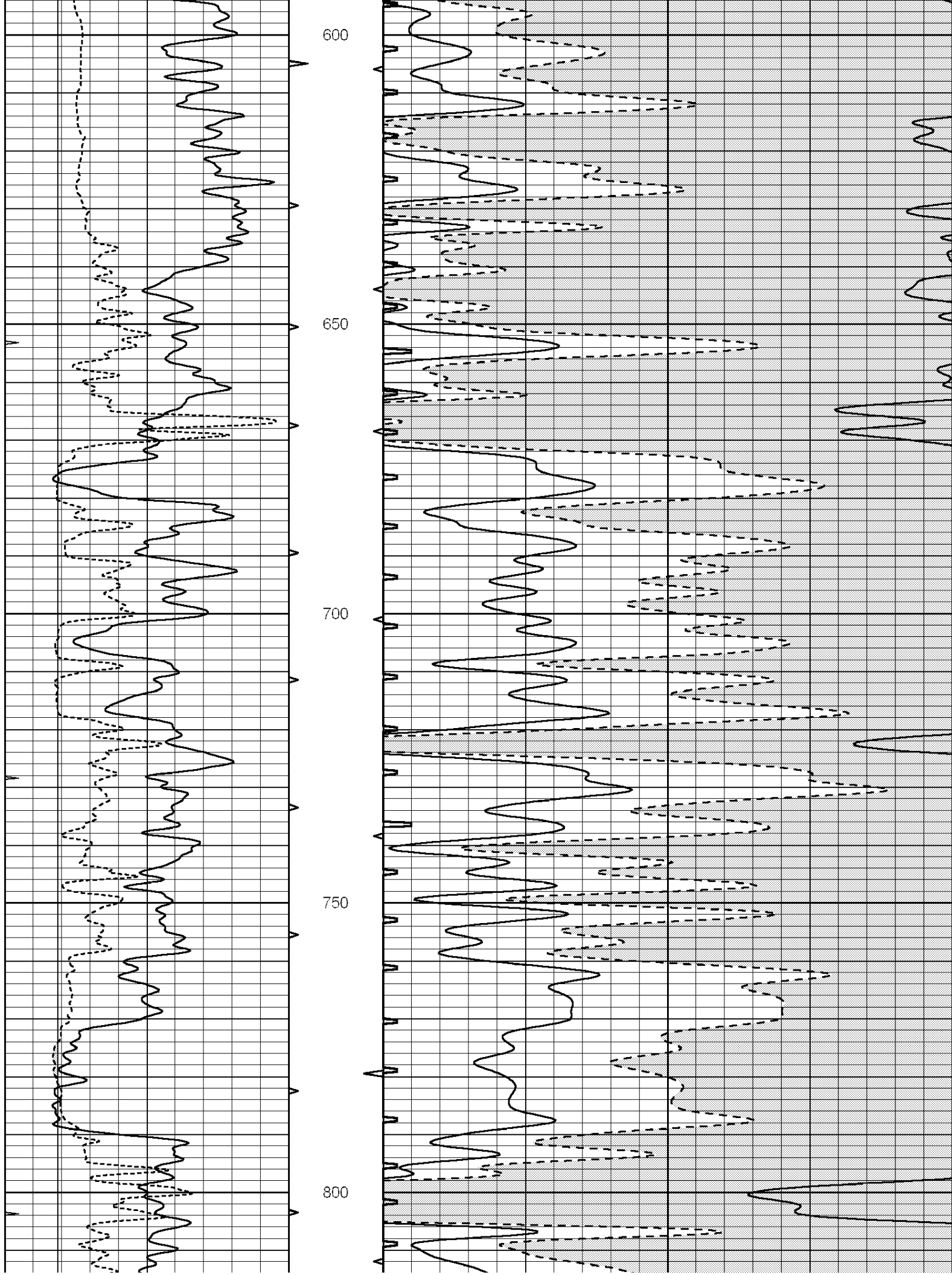
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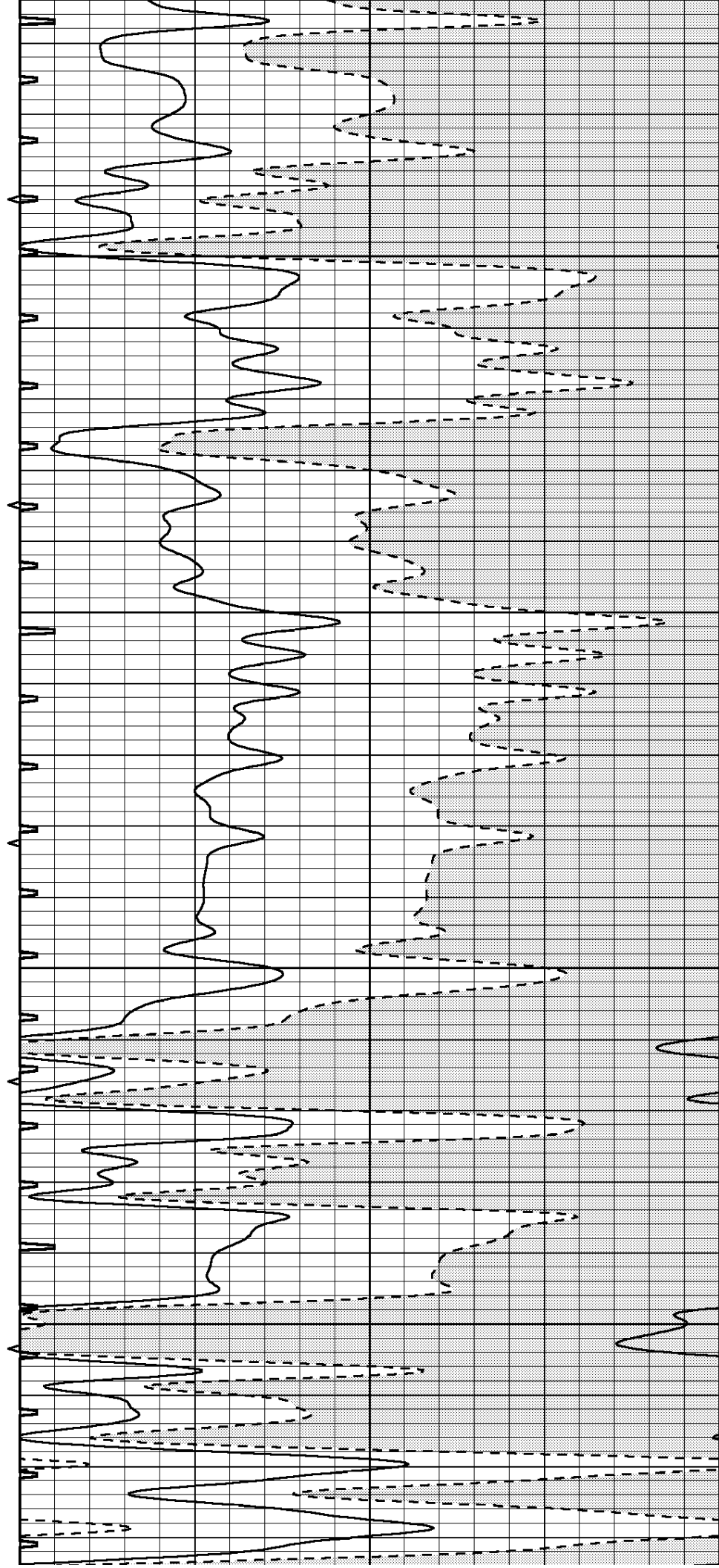
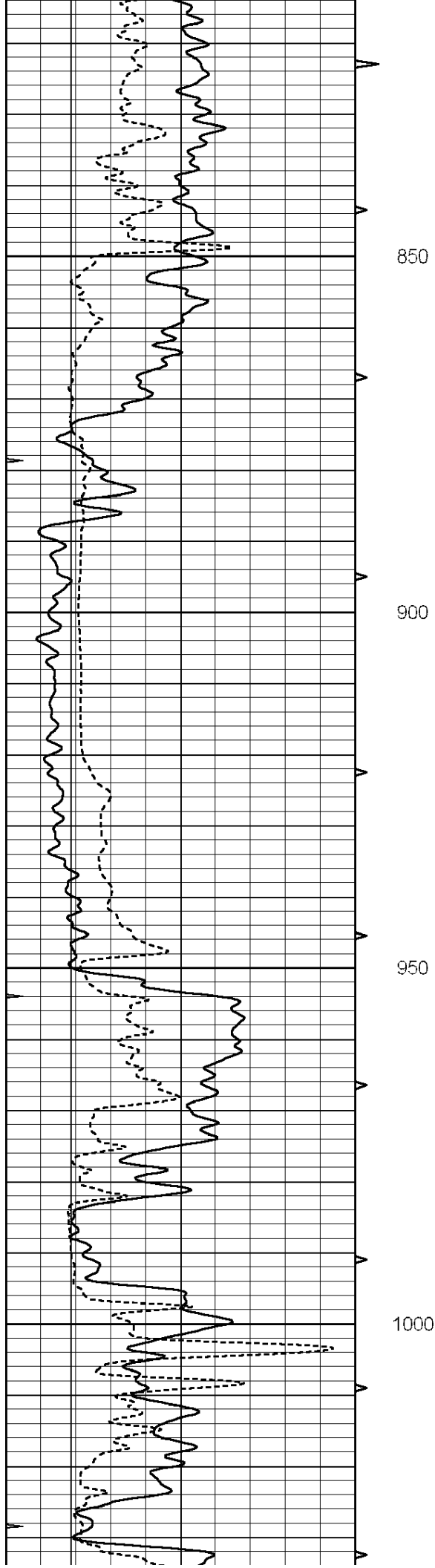
Depth in Feet scaled 1:240

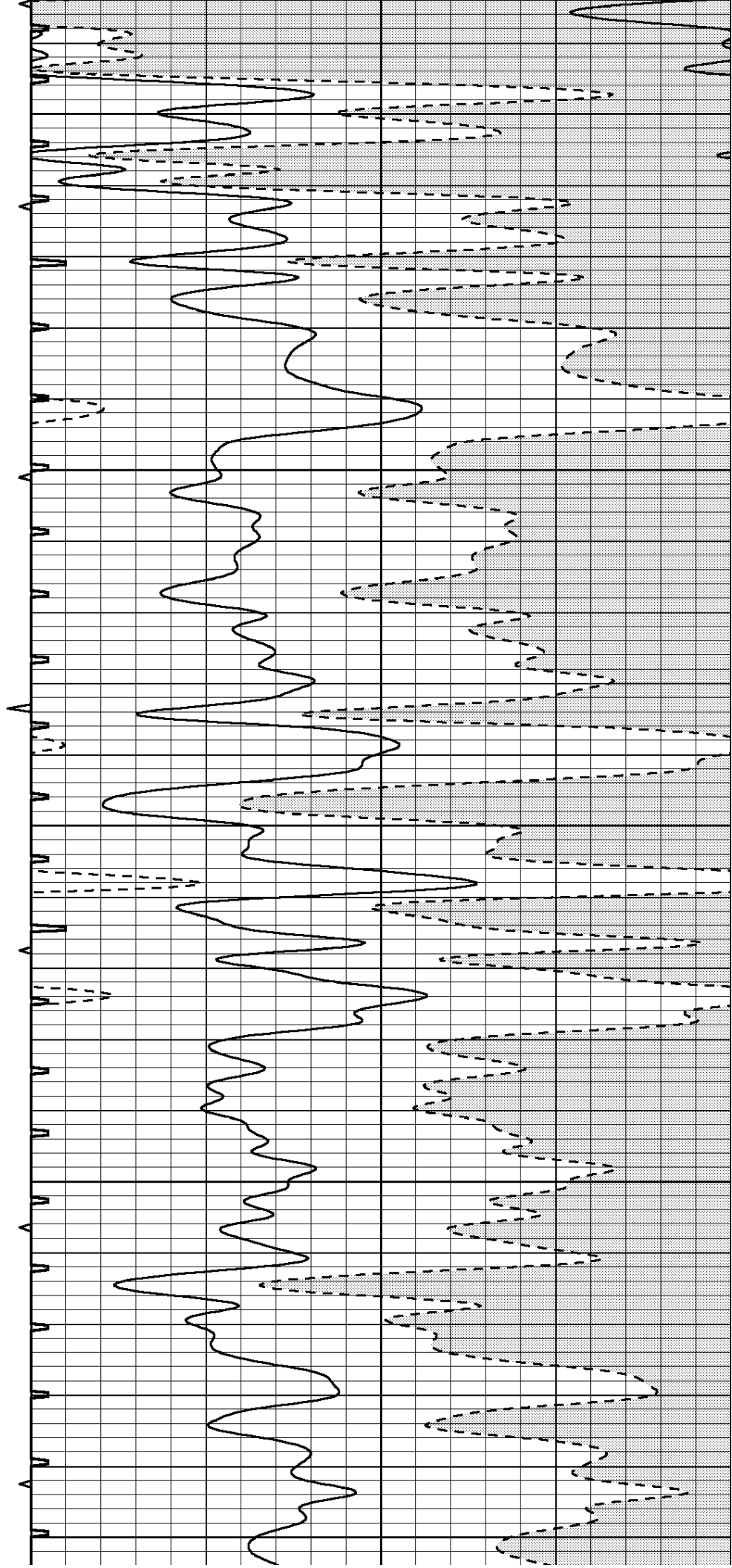
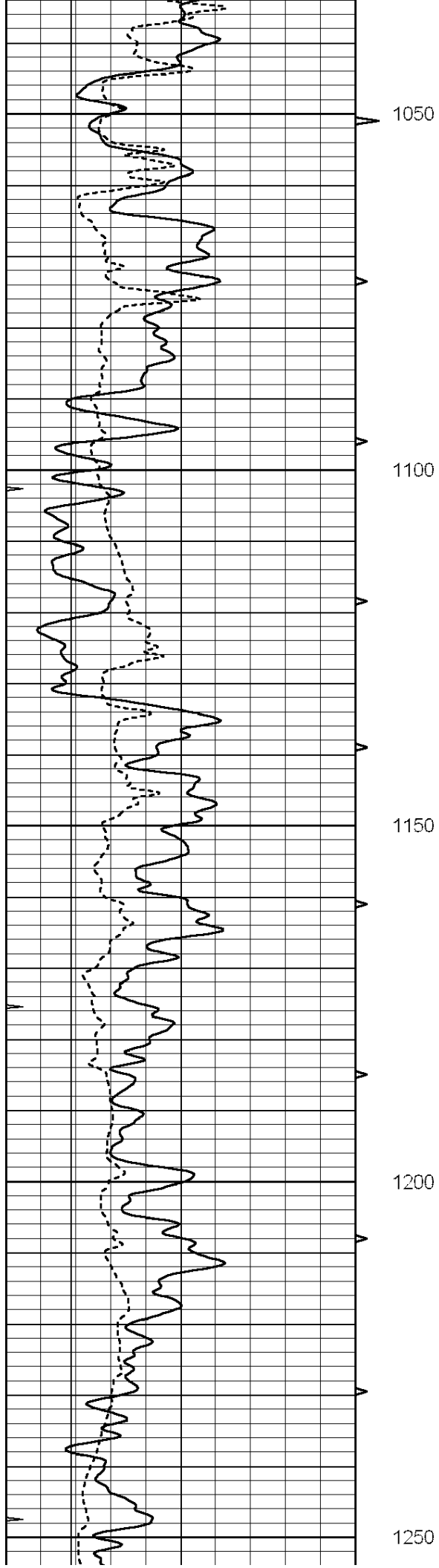
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40	
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)		-10
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0	MINMK	20	TBHV	0	ITT (msec)	20		
			0 (ft3)	10				

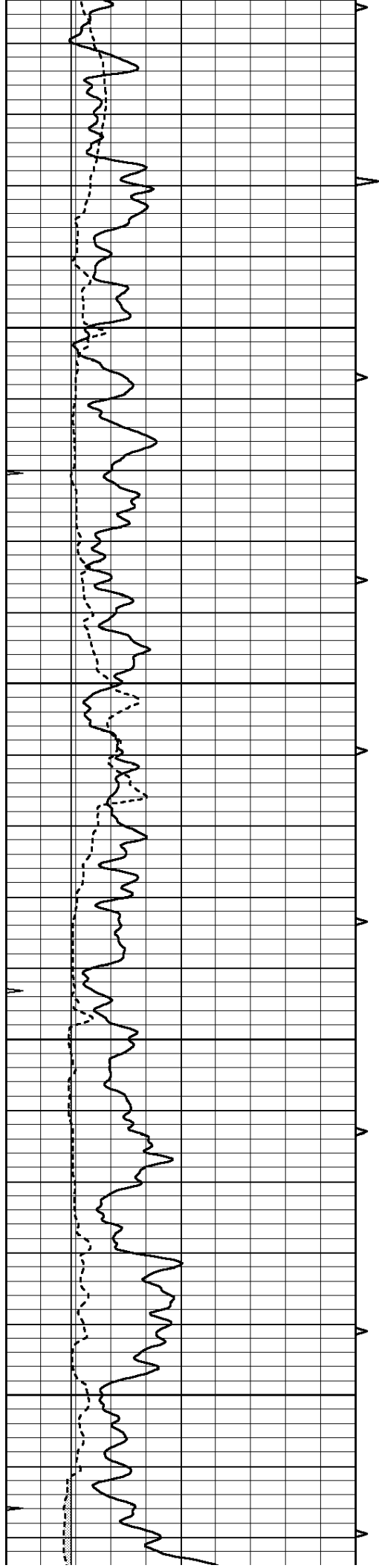










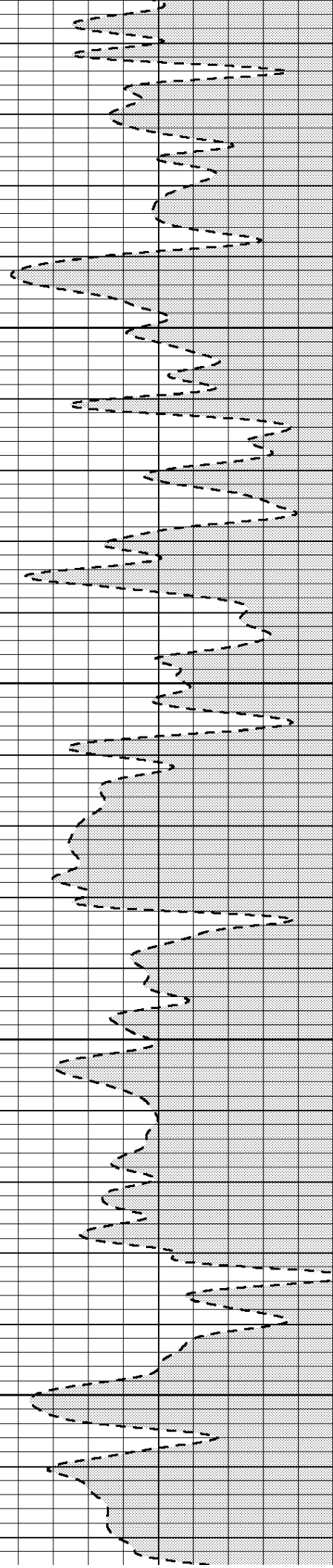
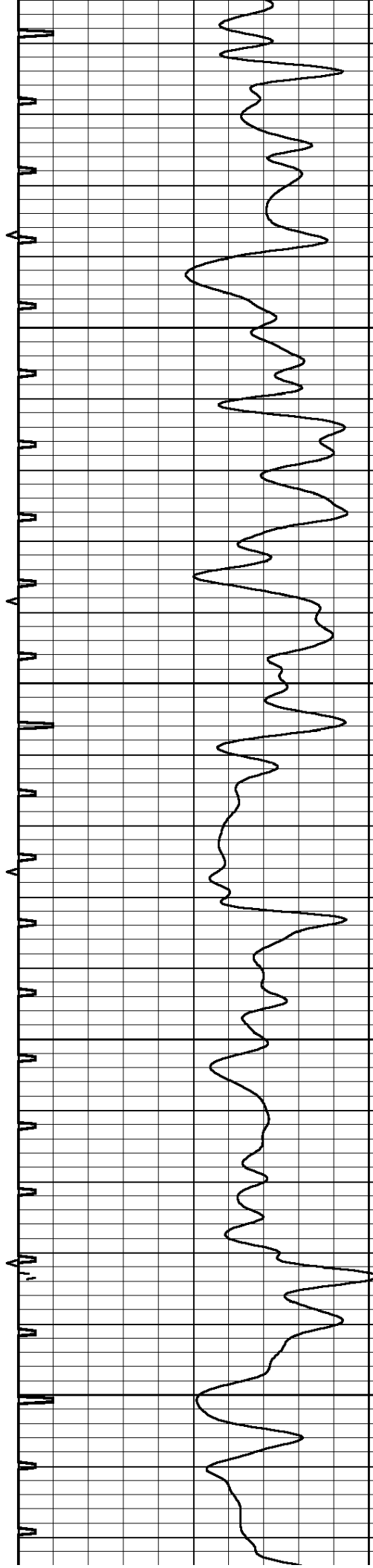


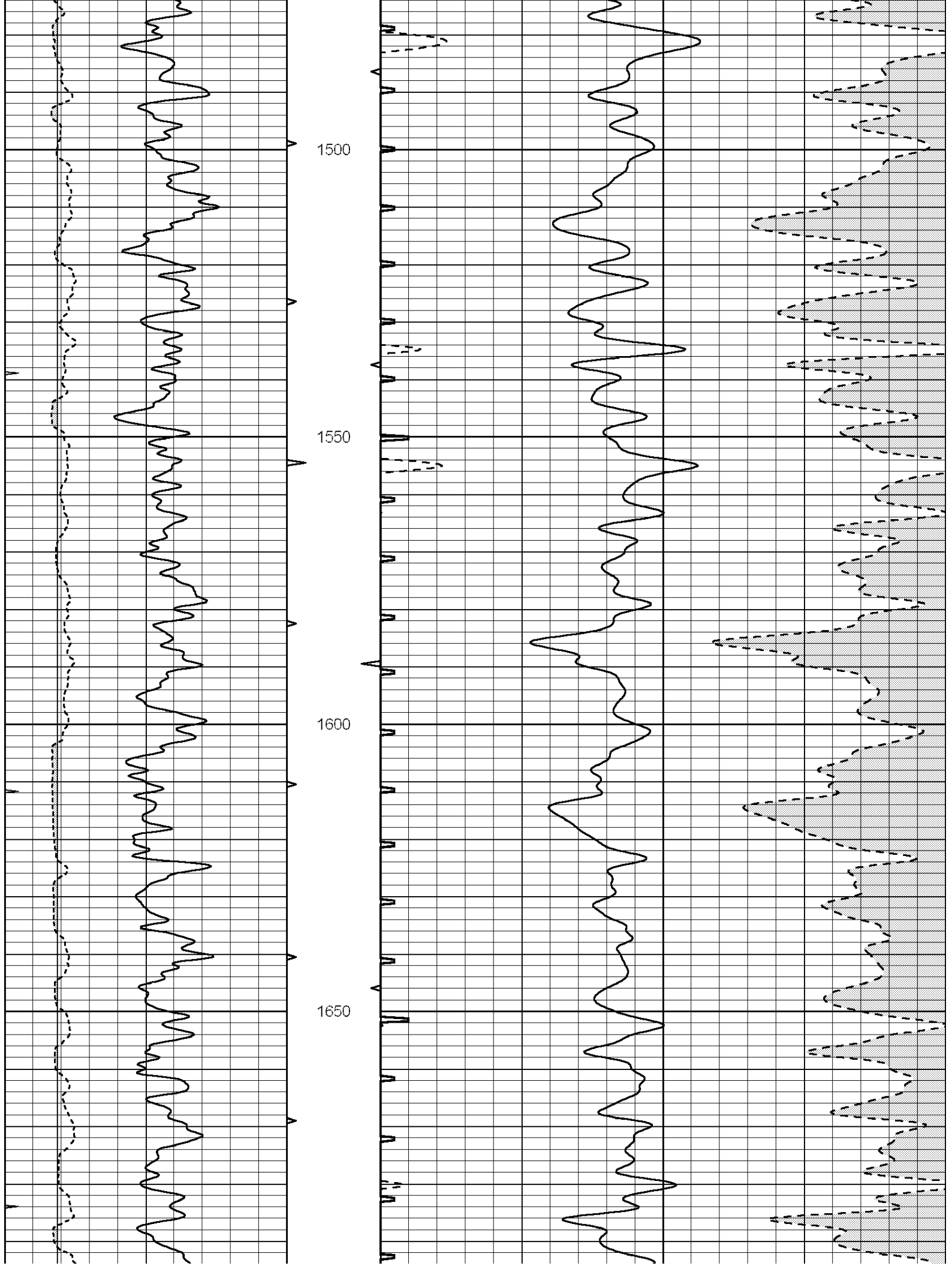
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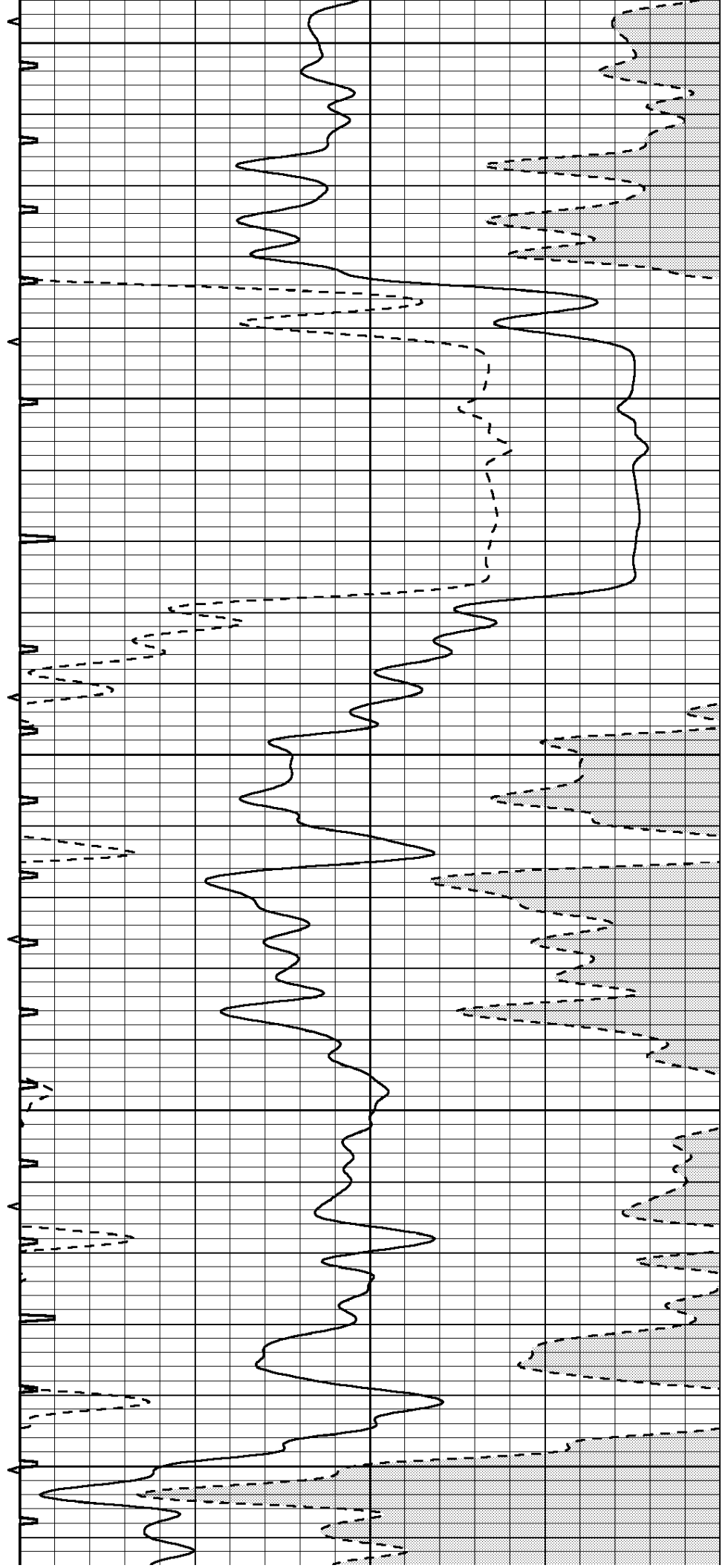
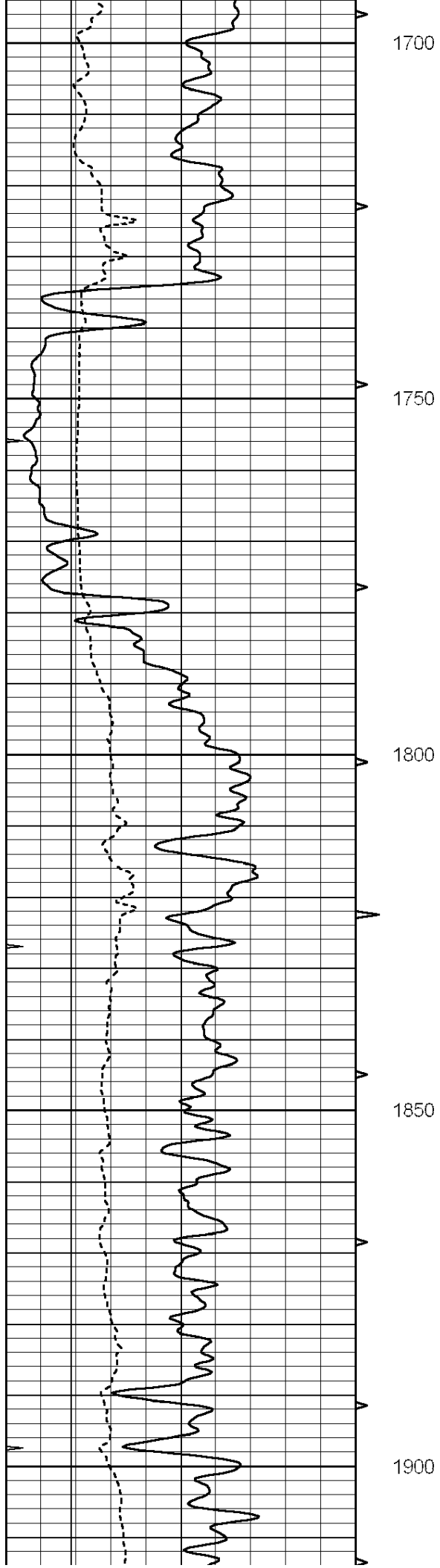
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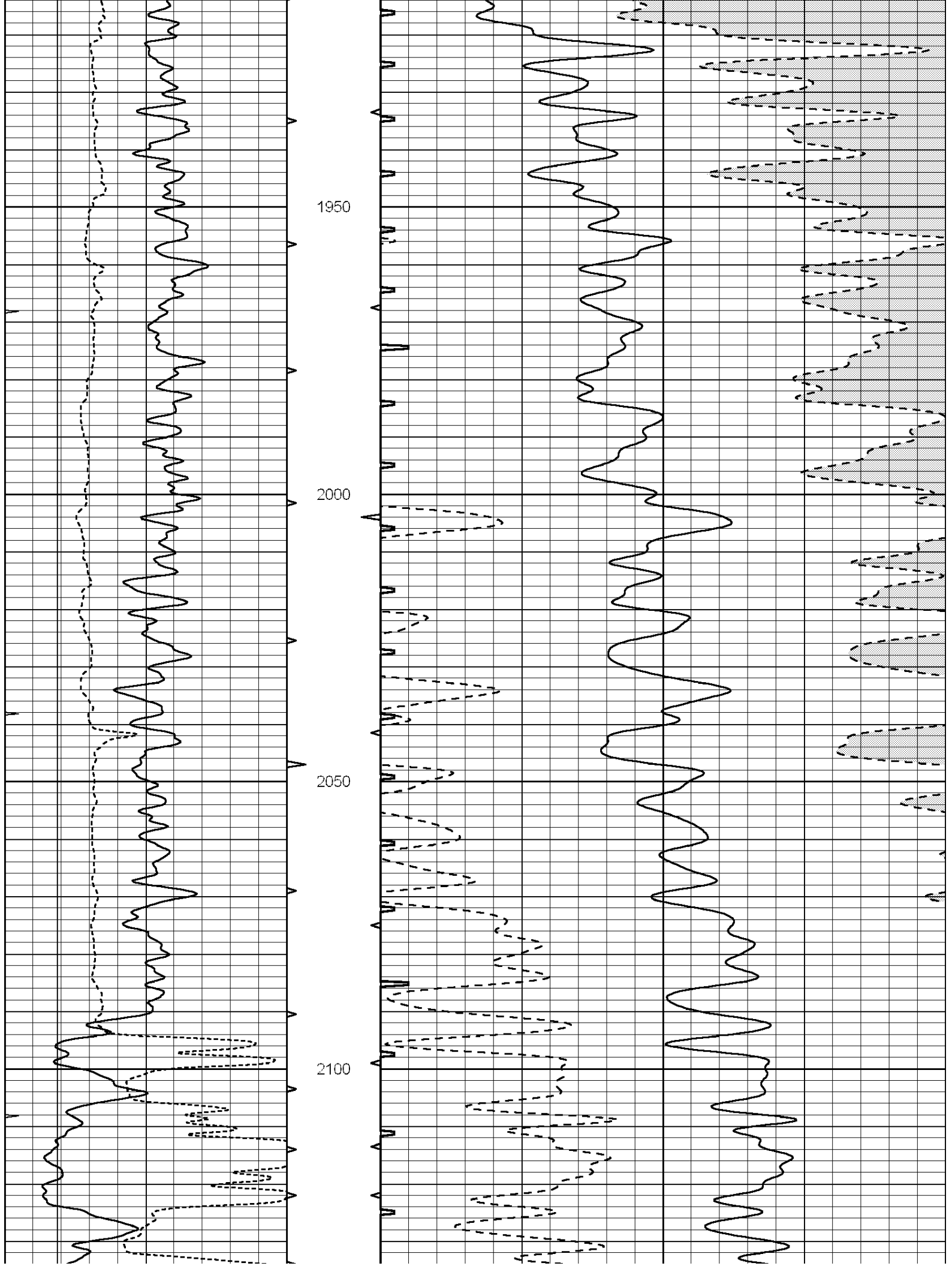
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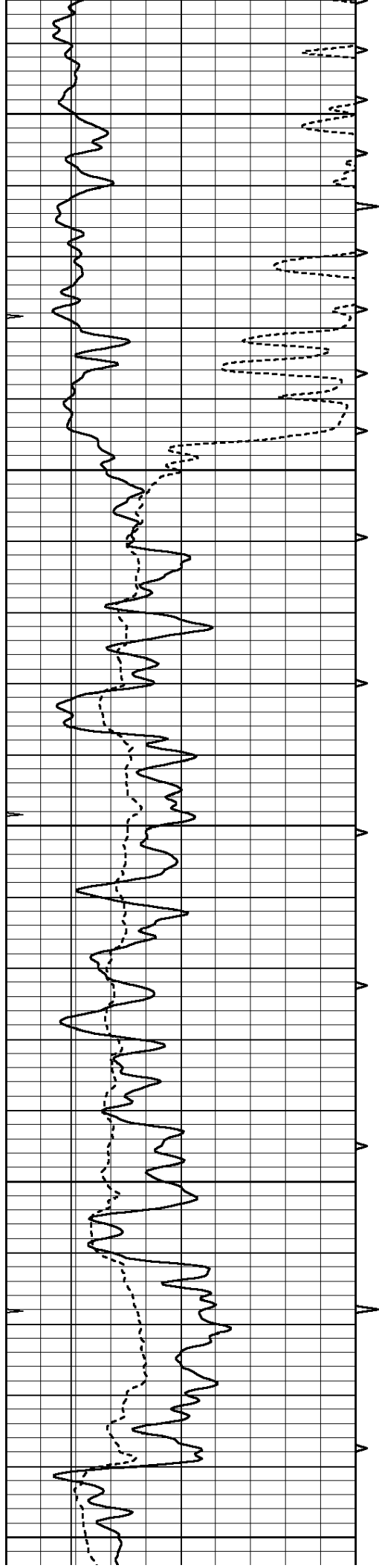
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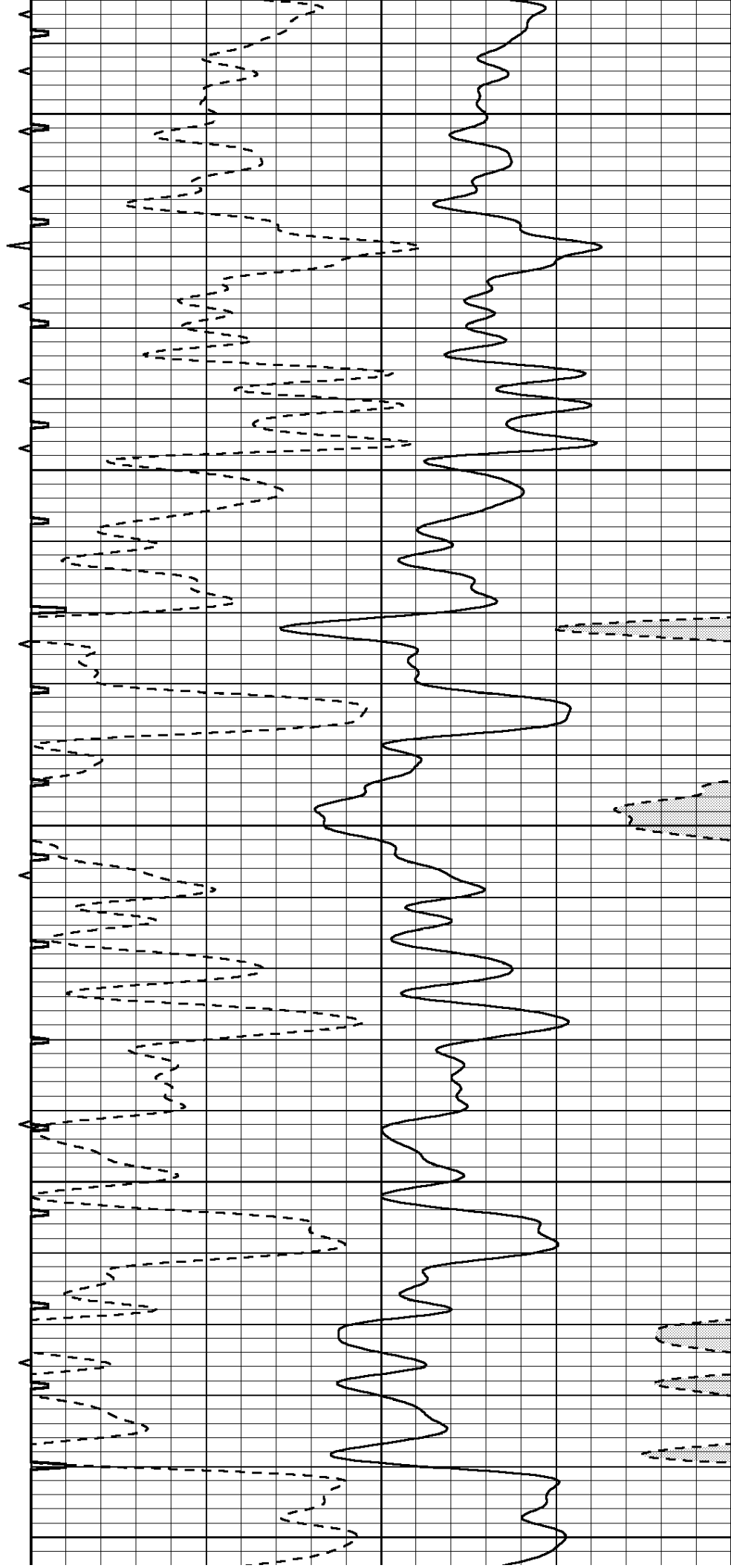
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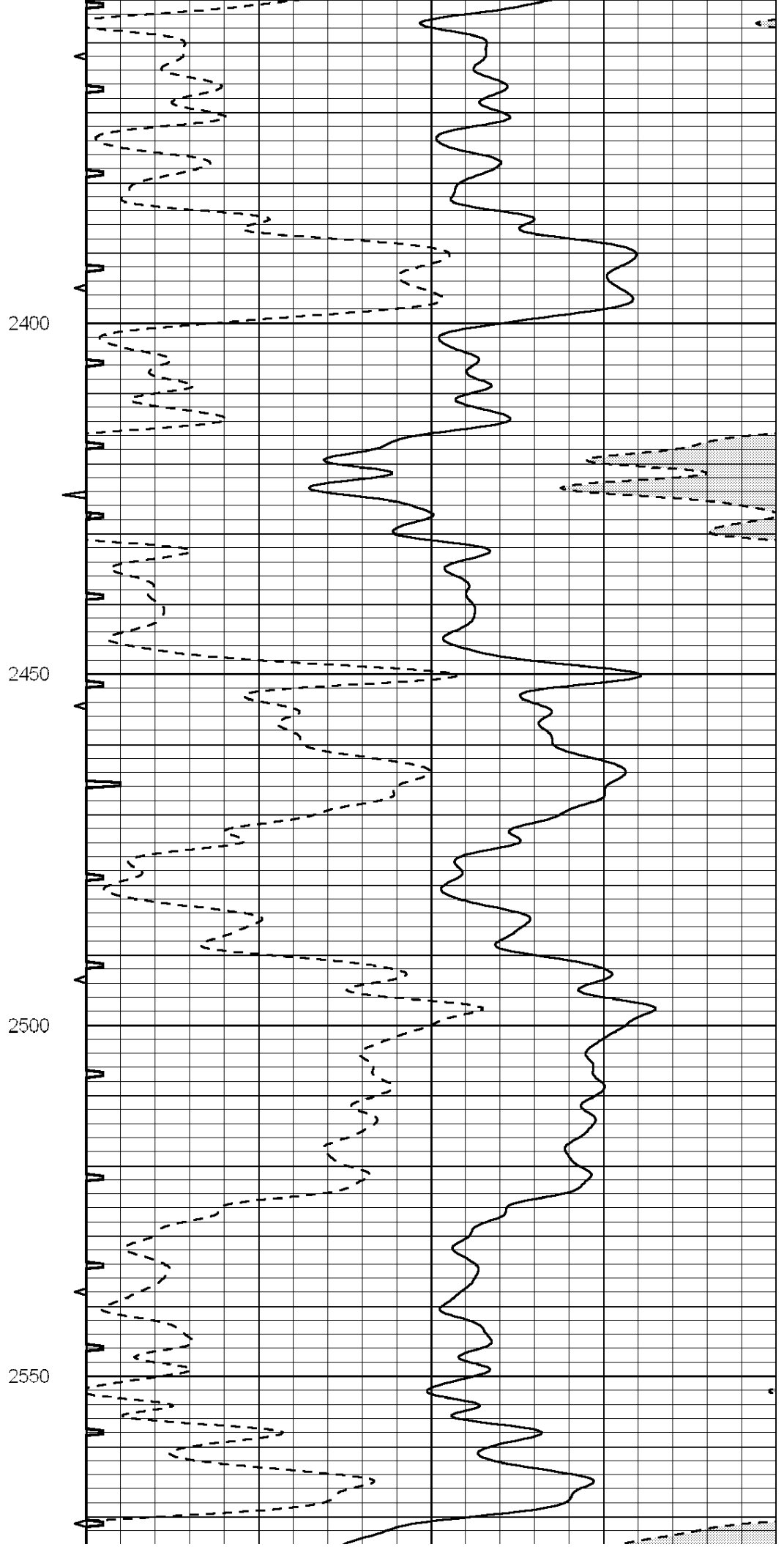
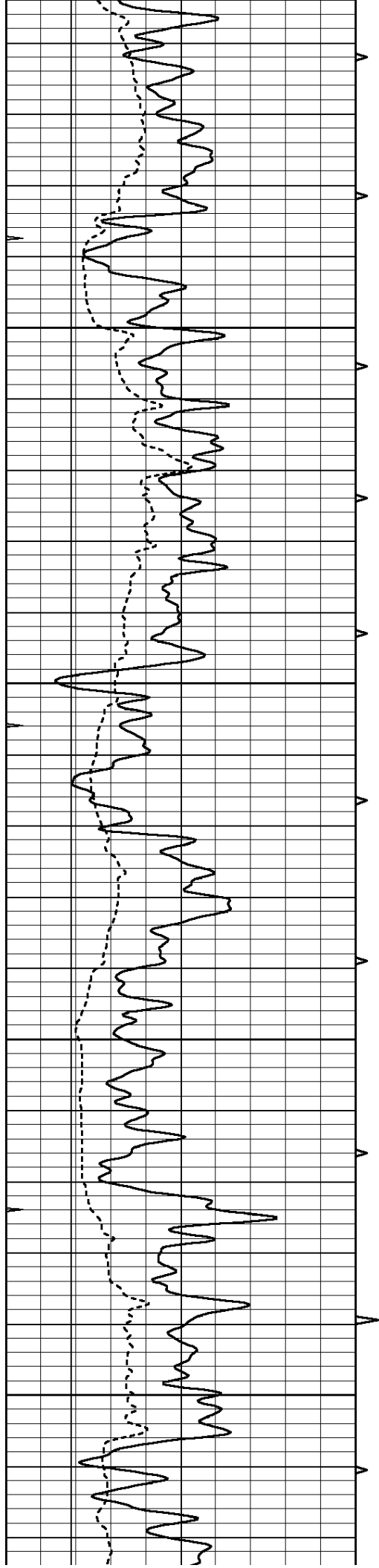
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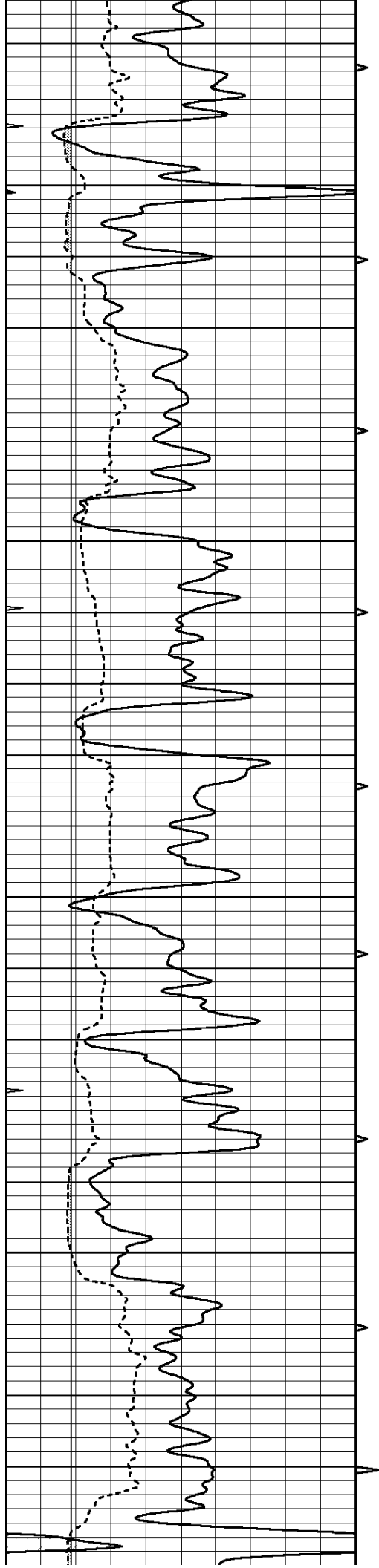
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2300

2350





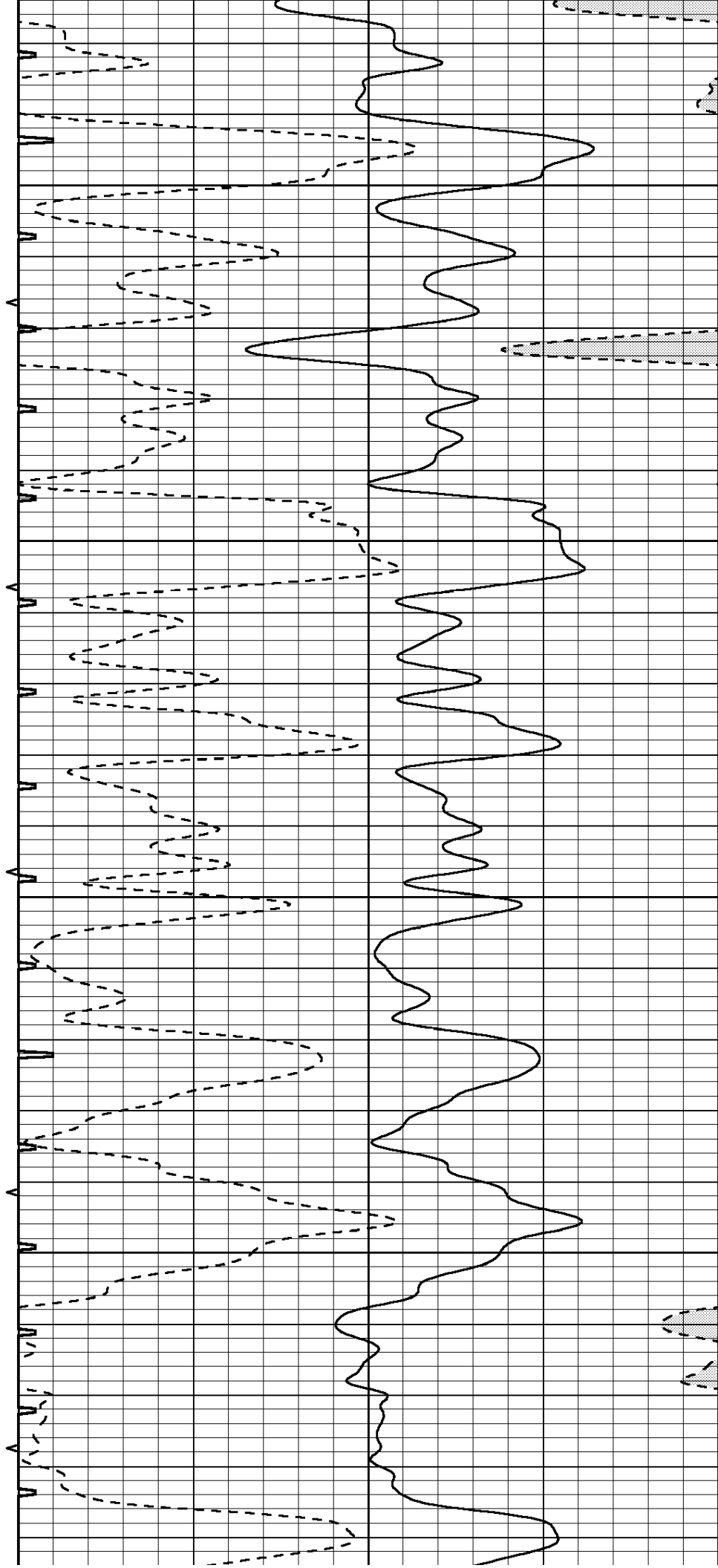


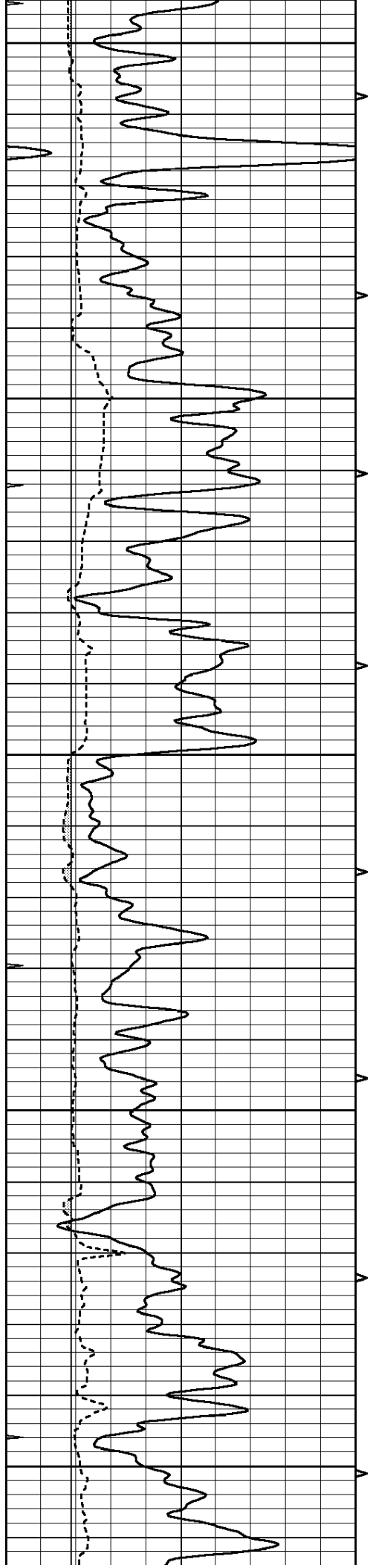
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2650

2700

2750





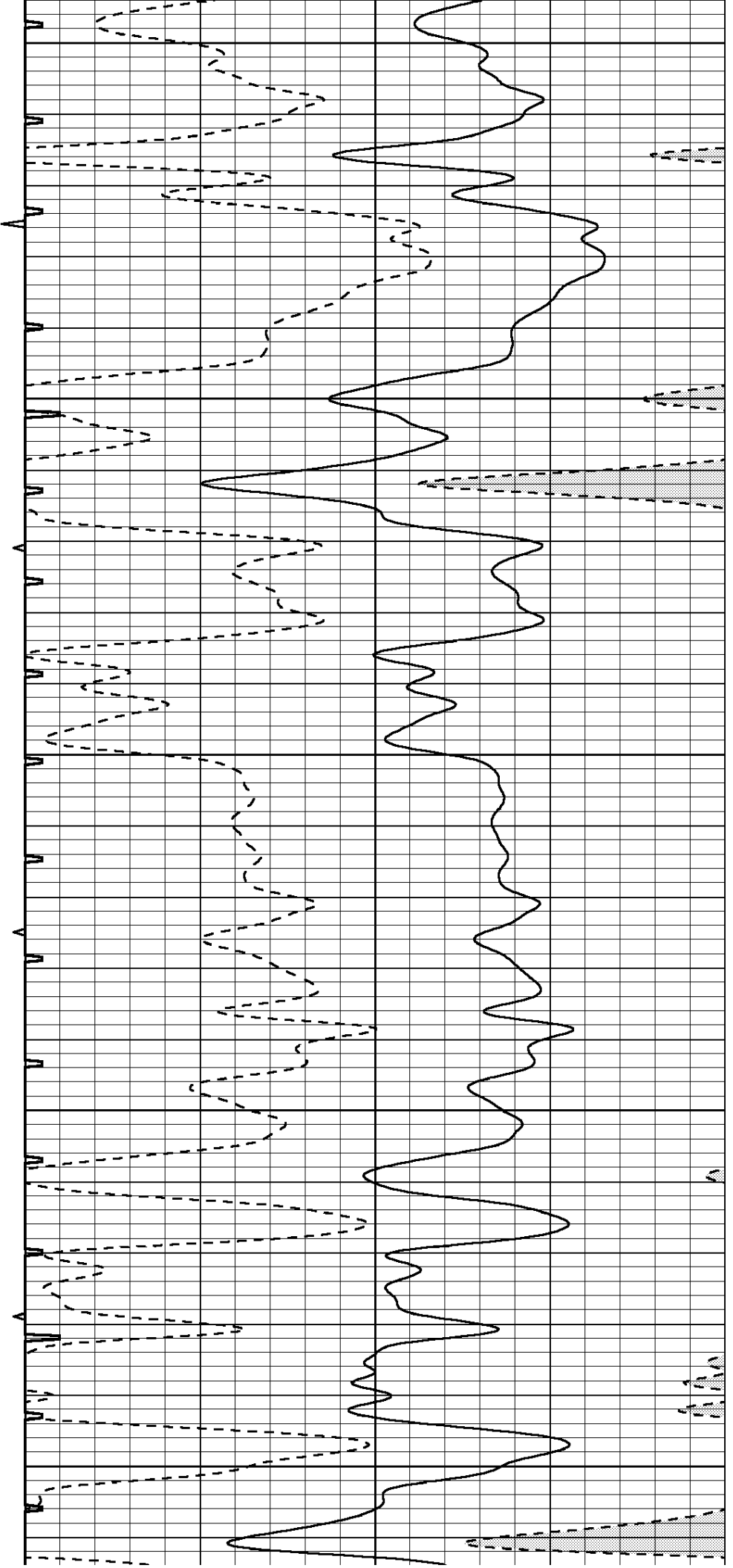
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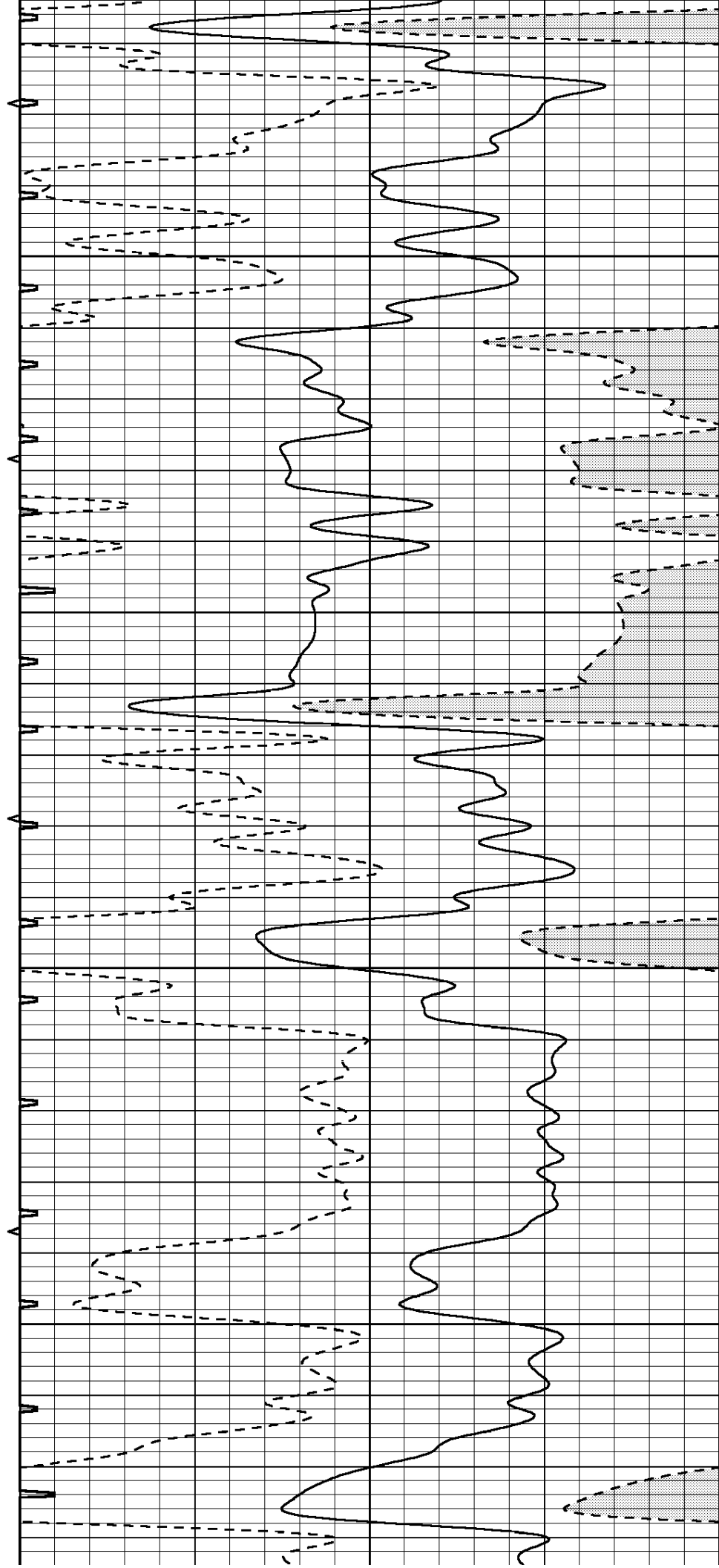
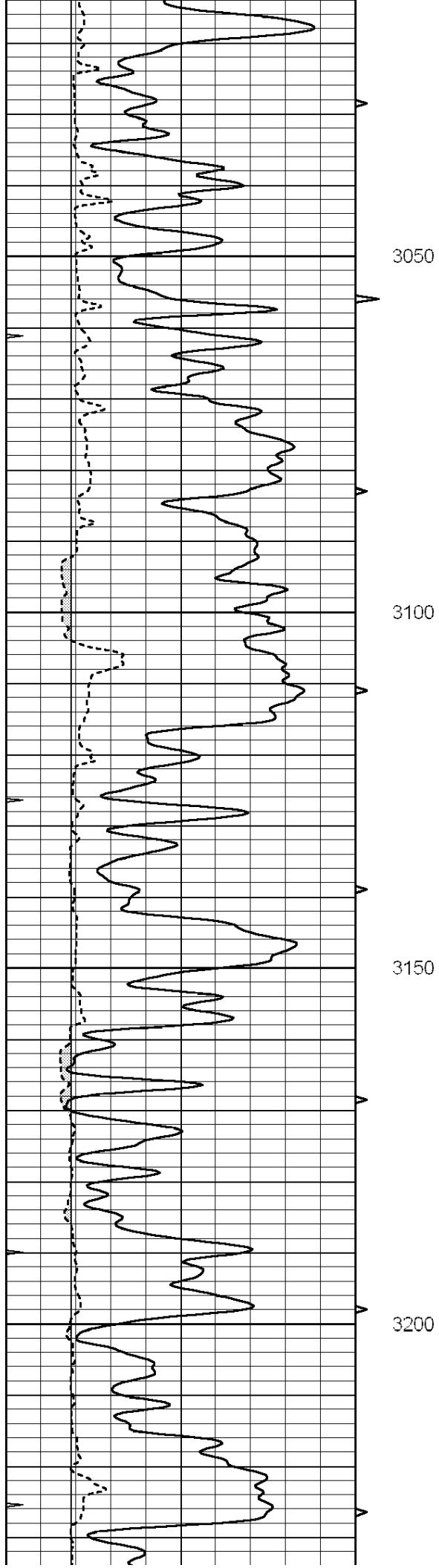
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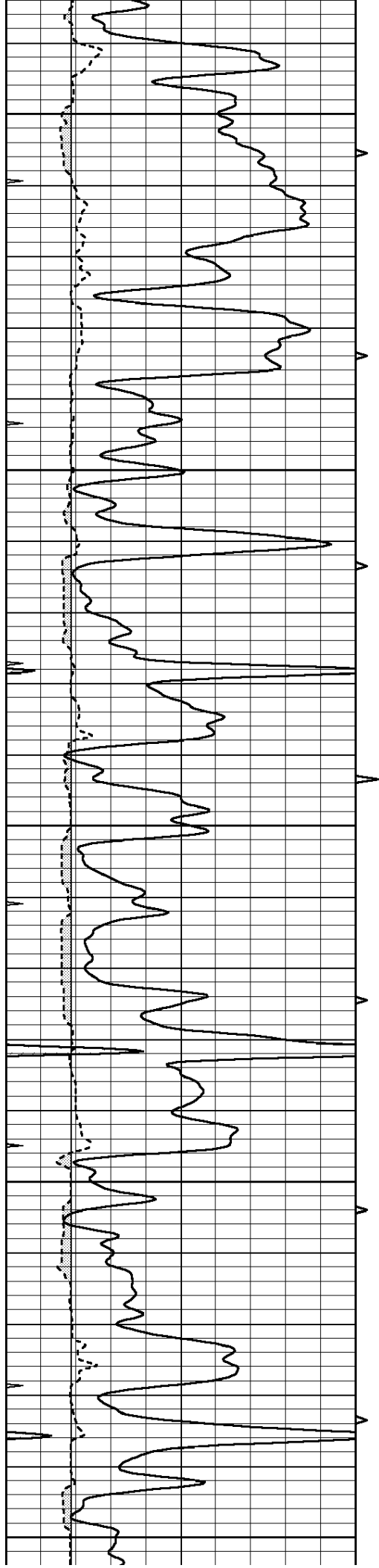
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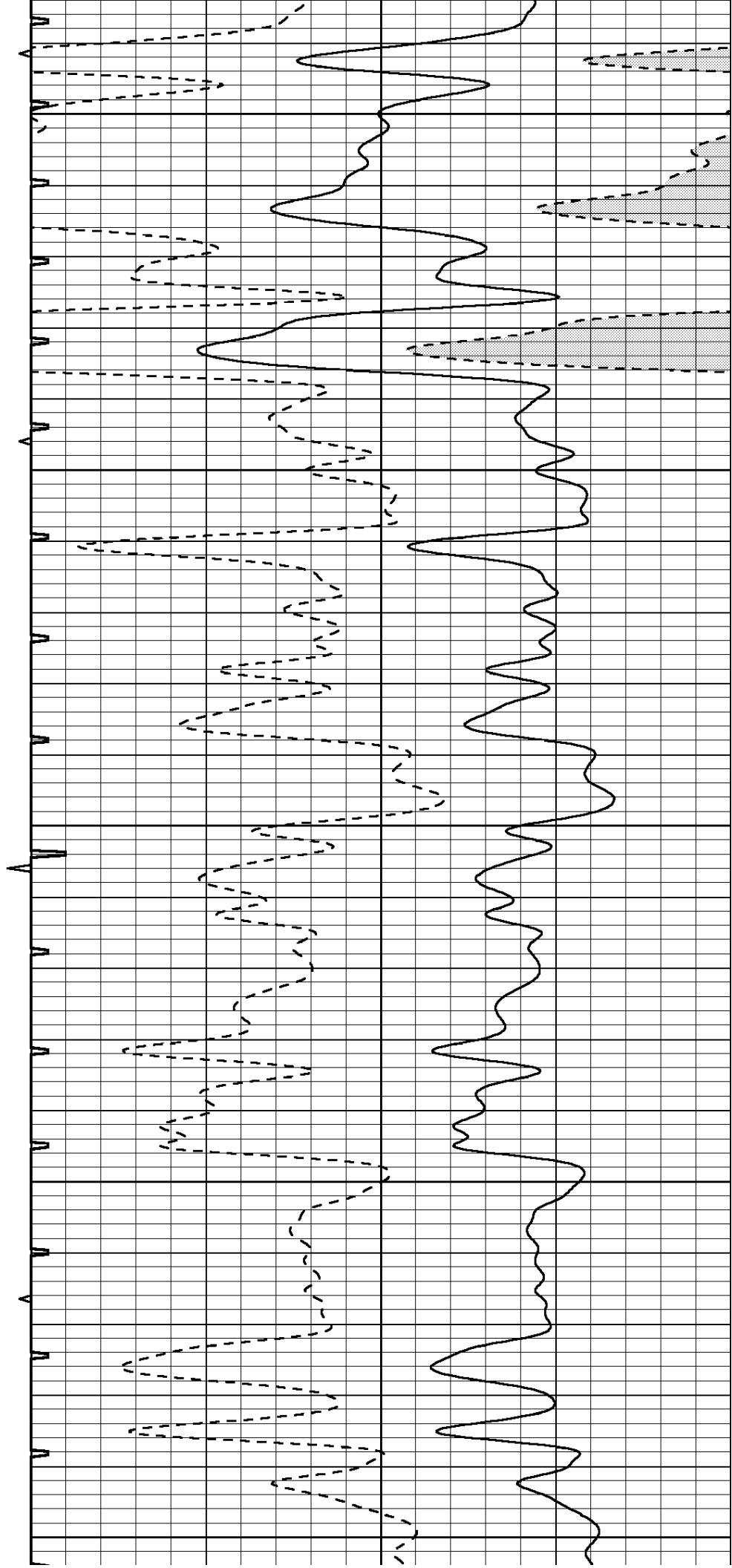
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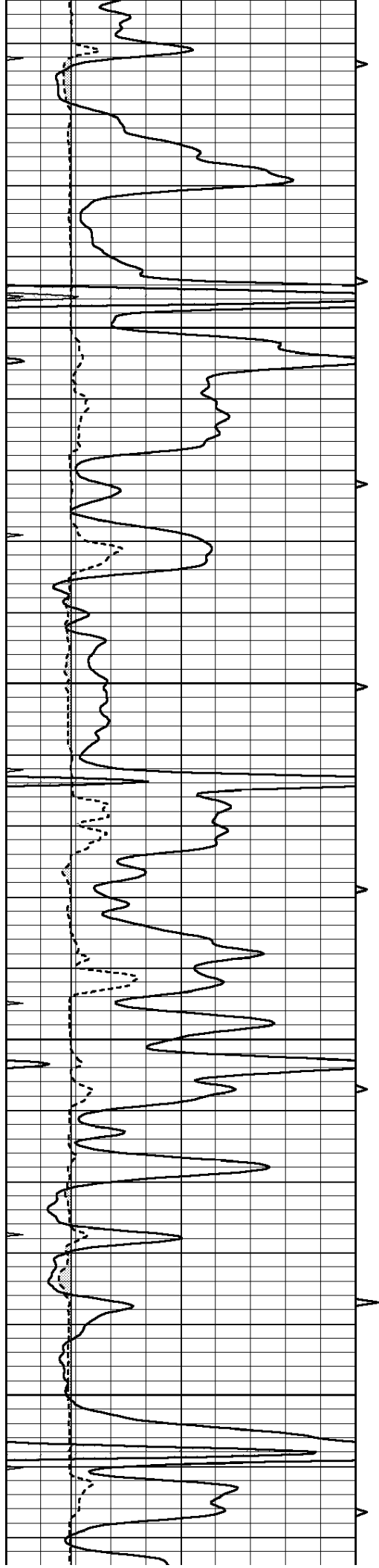
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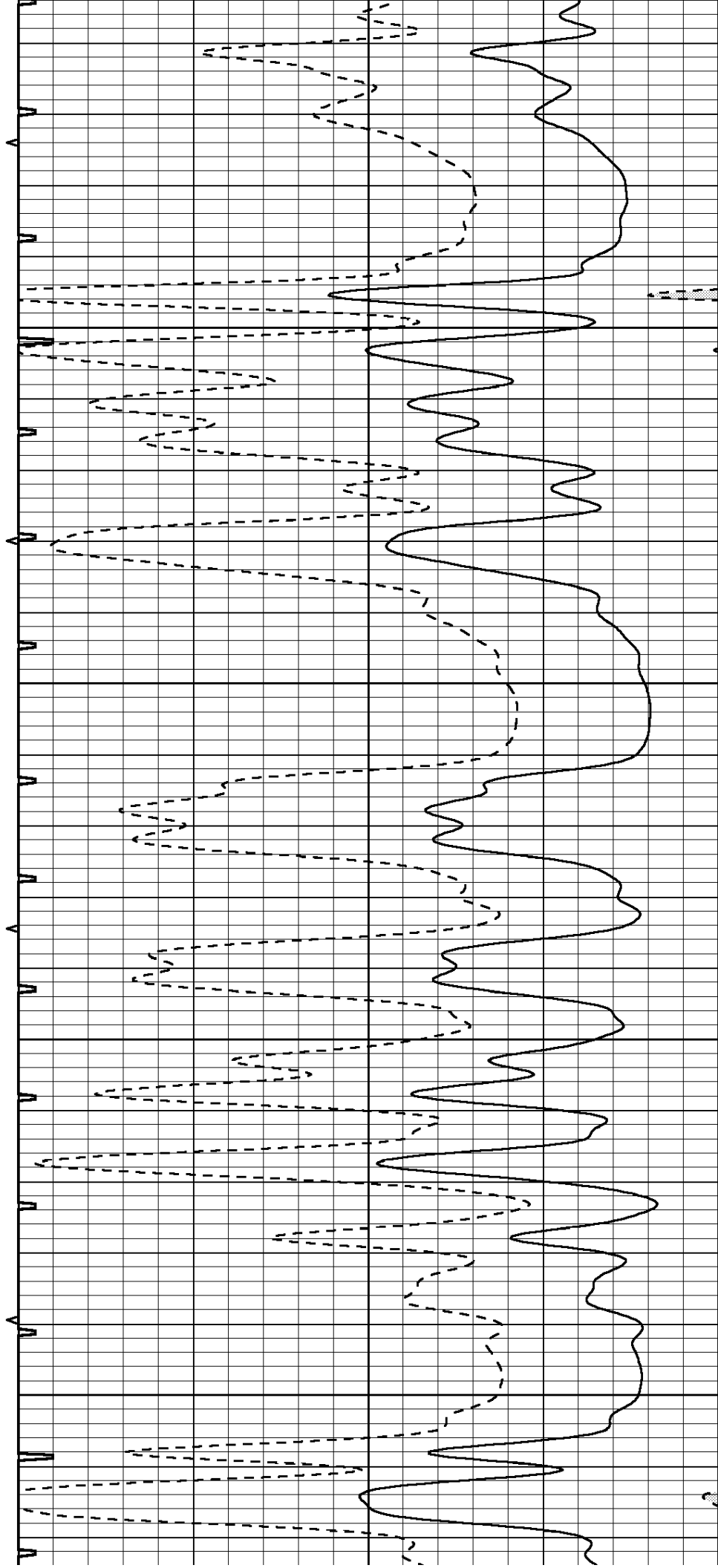


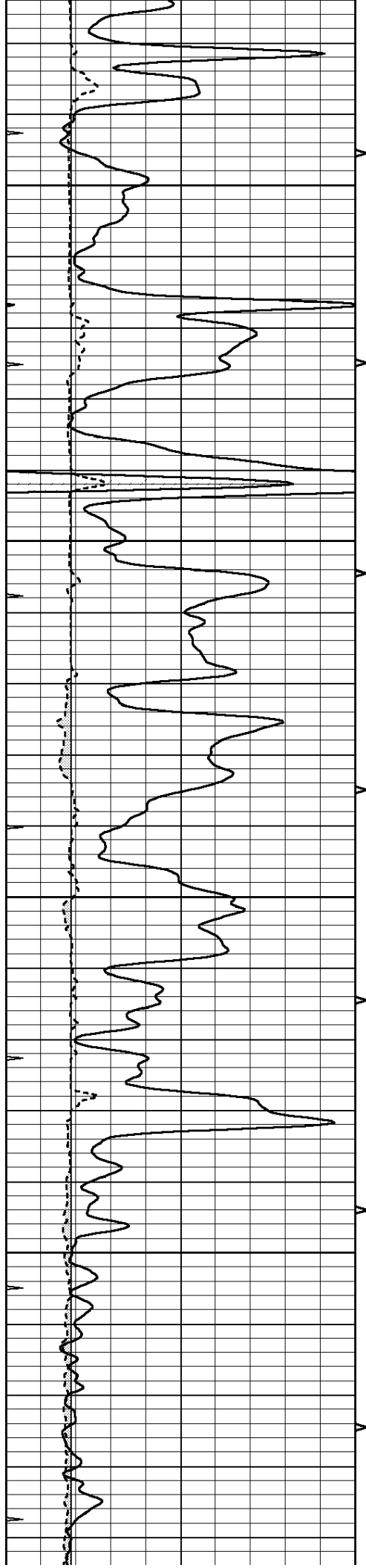
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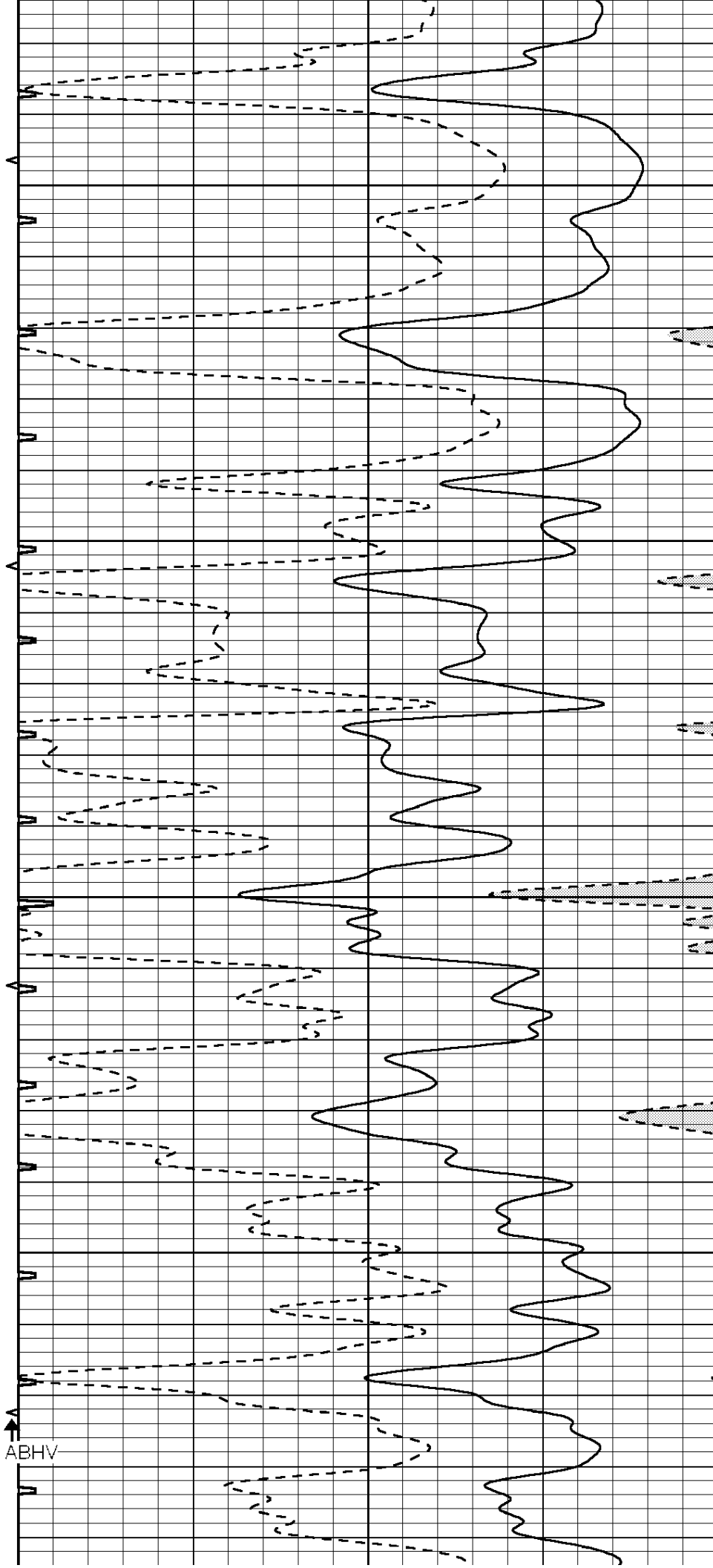
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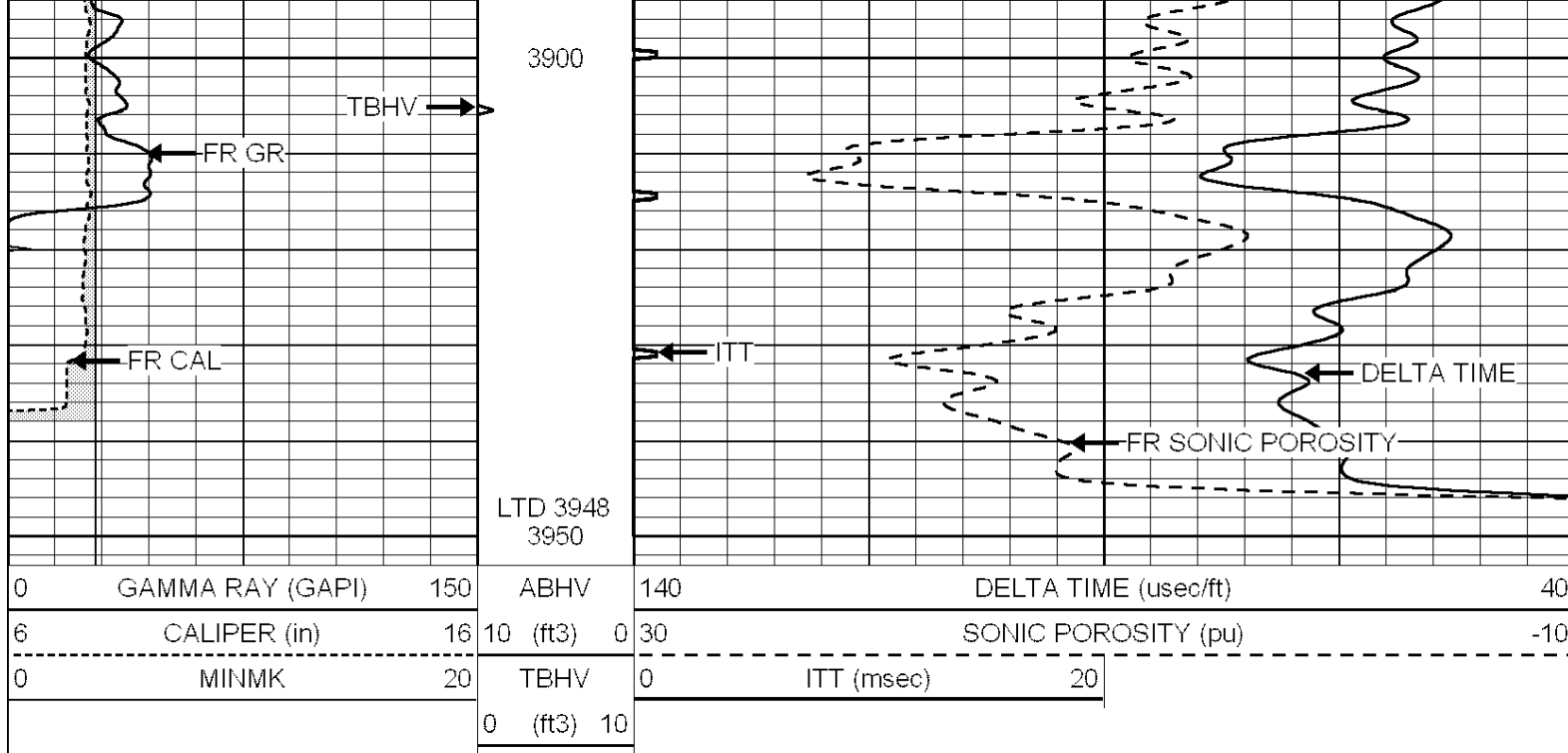
3750

3800

3850

5.5" ABHV





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REPEAT SECTION

Database File: 26325ddn.db
 Dataset Pathname: pass5.6
 Presentation Format: slt
 Dataset Creation: Tue Dec 09 18:07:22 2014
 Charted by: Depth in Feet scaled 1:240

