



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company MULL DRILLING COMPANY, INC. Well #1-7 TILLITSON Field WILDCAT County NESS State KANSAS		Company MULL DRILLING COMPANY, INC. Well #1-7 TILLITSON Field WILDCAT County NESS State KANSAS		Location: API # : 15-135-25519-0000 1208' FNL & 769' FEL SEC 7 TWP 17S RGE 24W Permanent Datum GROUND LEVEL Elevation 2457 Log Measured From KELLY BUSHING 5' A.G.L. Drilling Measured From KELLY BUSHING Other Services CDL/CNL/PE DIL/MEL Elevation K.B. 2462 D.F. 2460 G.L. 2457	
Date	1/9/13				
Run Number	TWO				
Depth Driller	4550				
Depth Logger	4550				
Bottom Logged Interval	4538				
Top Log Interval	200				
Casing Driller	8 5/8" @ 225'				
Casing Logger	226				
Bit Size	7 7/8"				
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM			
Density / Viscosity	9.2/47				
pH / Fluid Loss	9.5/9.0				
Source of Sample	FLOWLINE				
Rim @ Meas. Temp	1.00 @ 90F				
Rmf @ Meas. Temp	.750 @ 90F				
Rmc @ Meas. Temp	1.20 @ 90F				
Source of Rmf / Rmc	MEASUREMENT				
Rim @ BHT	.744 @ 121F				
Time Circulation Stopped	4 HOURS				
Time Logger on Bottom	12:30 P.M.				
Maximum Recorded Temperature	121F				
Equipment Number	4854				
Location	HAYS, KANSAS				
Recorded By	JEFF LUEBBERS				
Witnessed By	KEVIN KESSLER				

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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
 RANSOM, KS. 3W. ON HWY 4 TO "RD. N", 3S. TO "RD. 230", 3/4W., S. INTO



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

010042pe.db

Dataset Pathname:

pass6.6

Presentation Format:

slt

Dataset Creation:

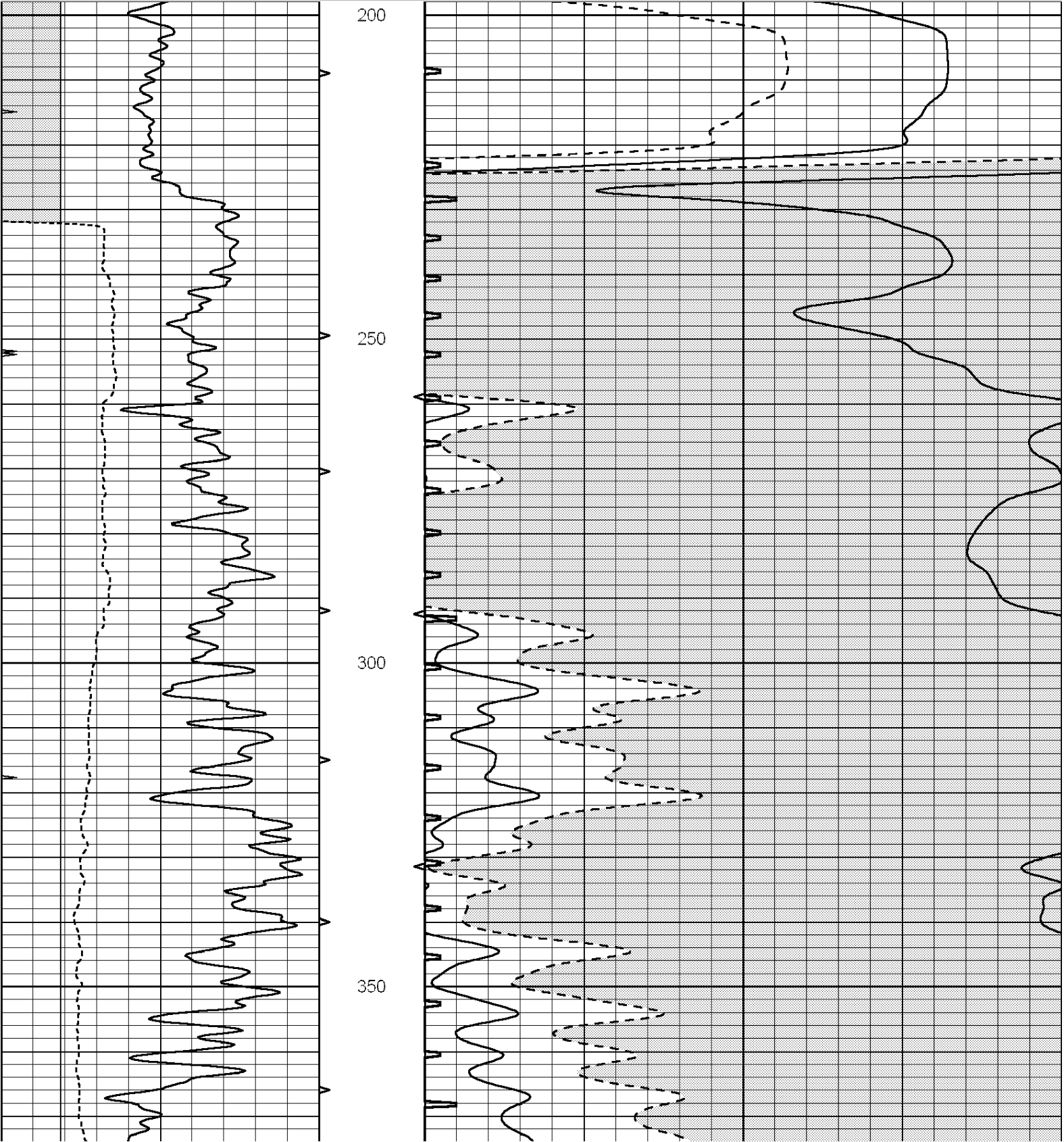
Wed Jan 09 15:55:03 2013

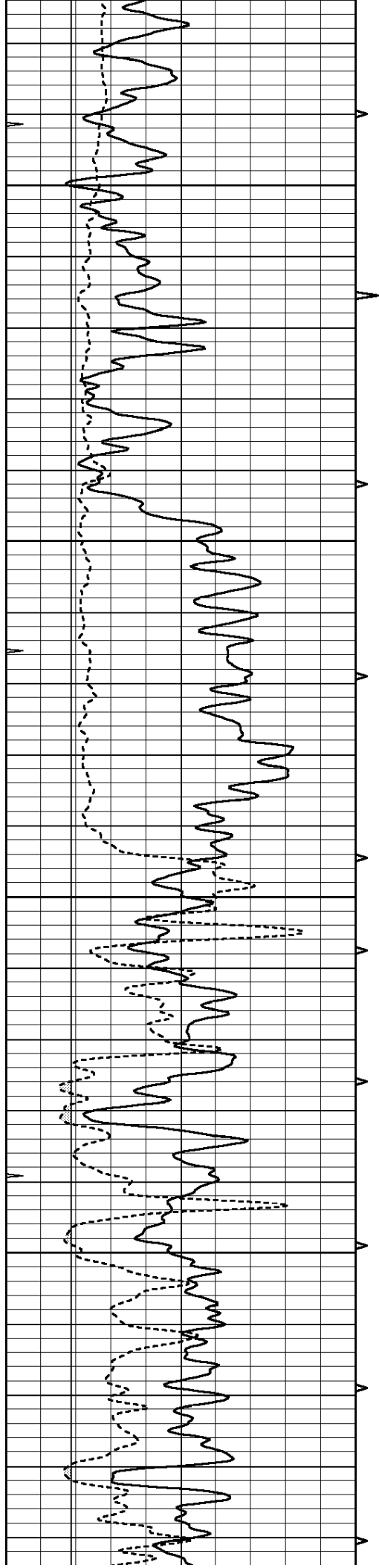
Charted by:

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				



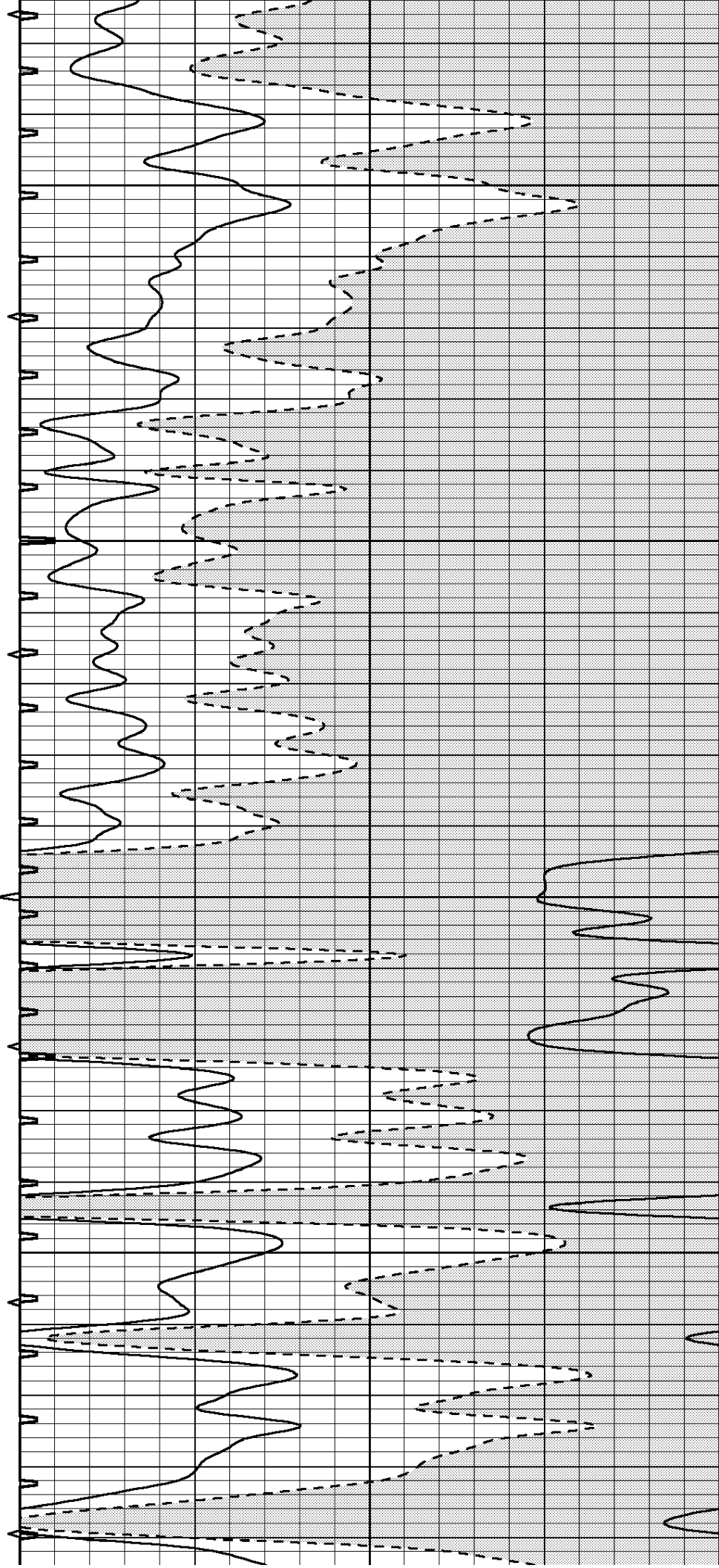


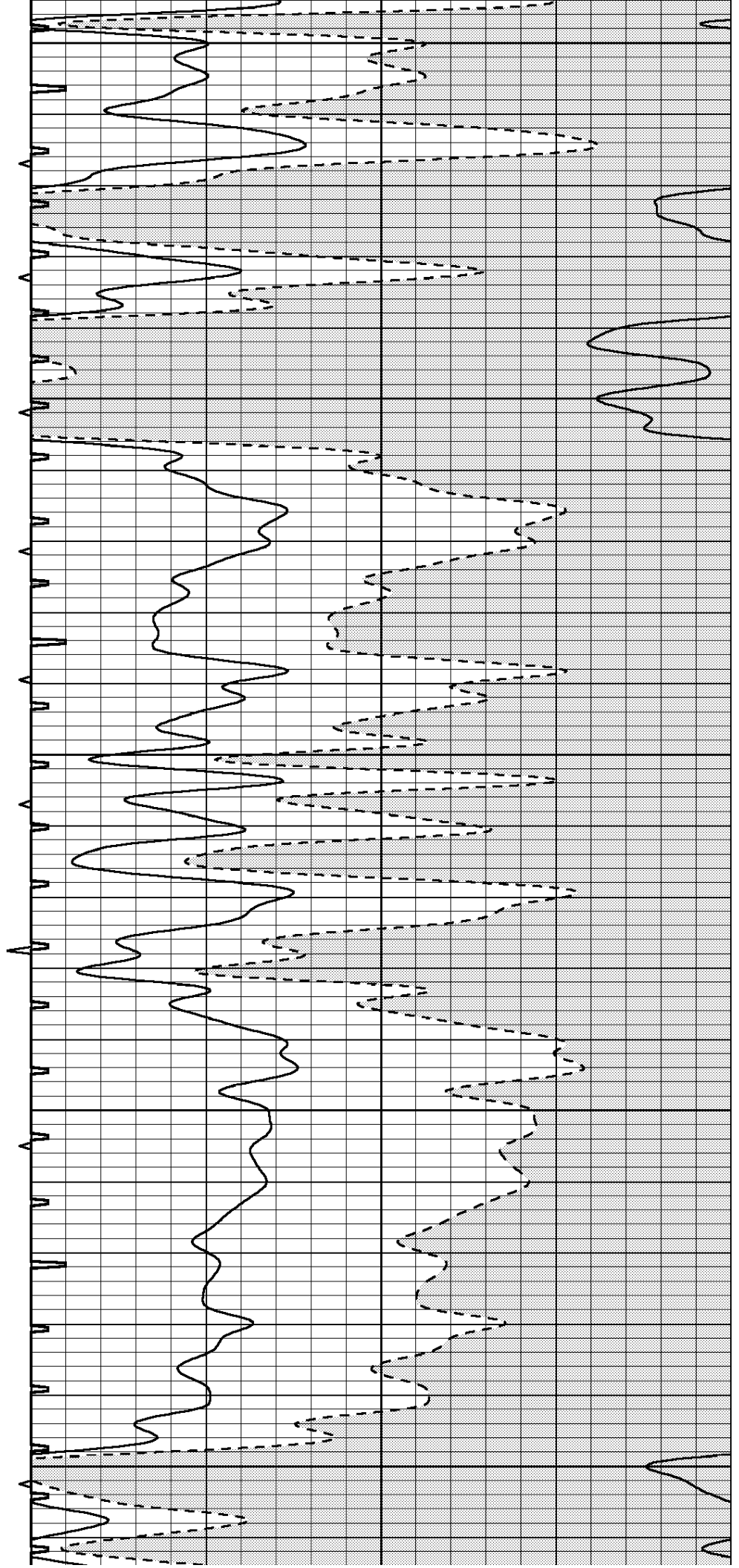
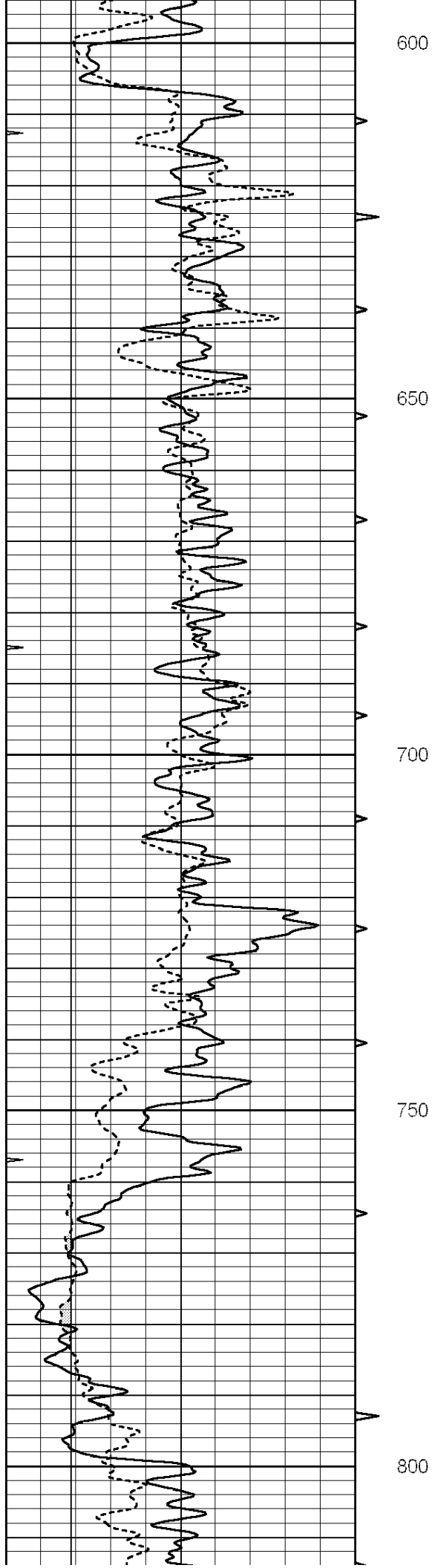
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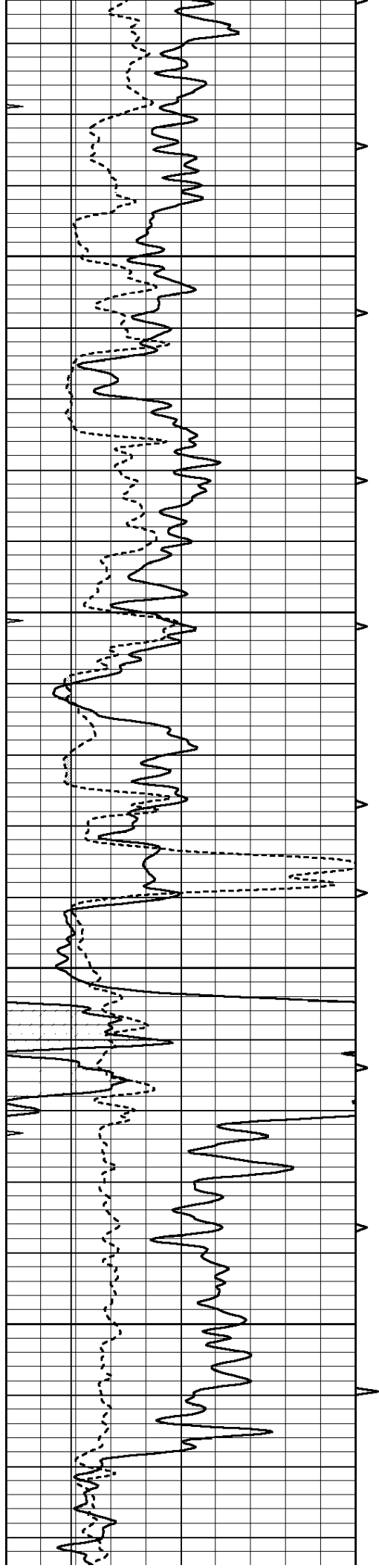
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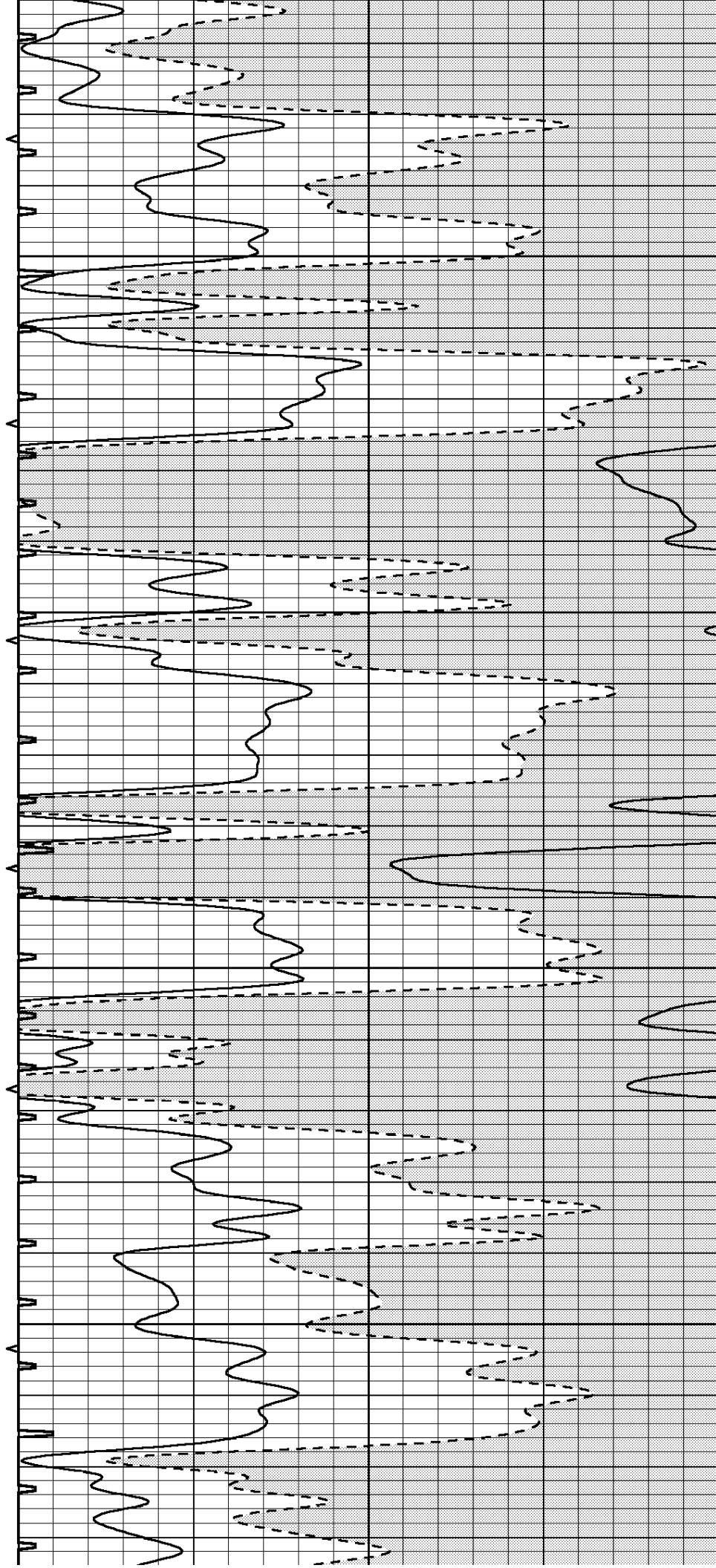


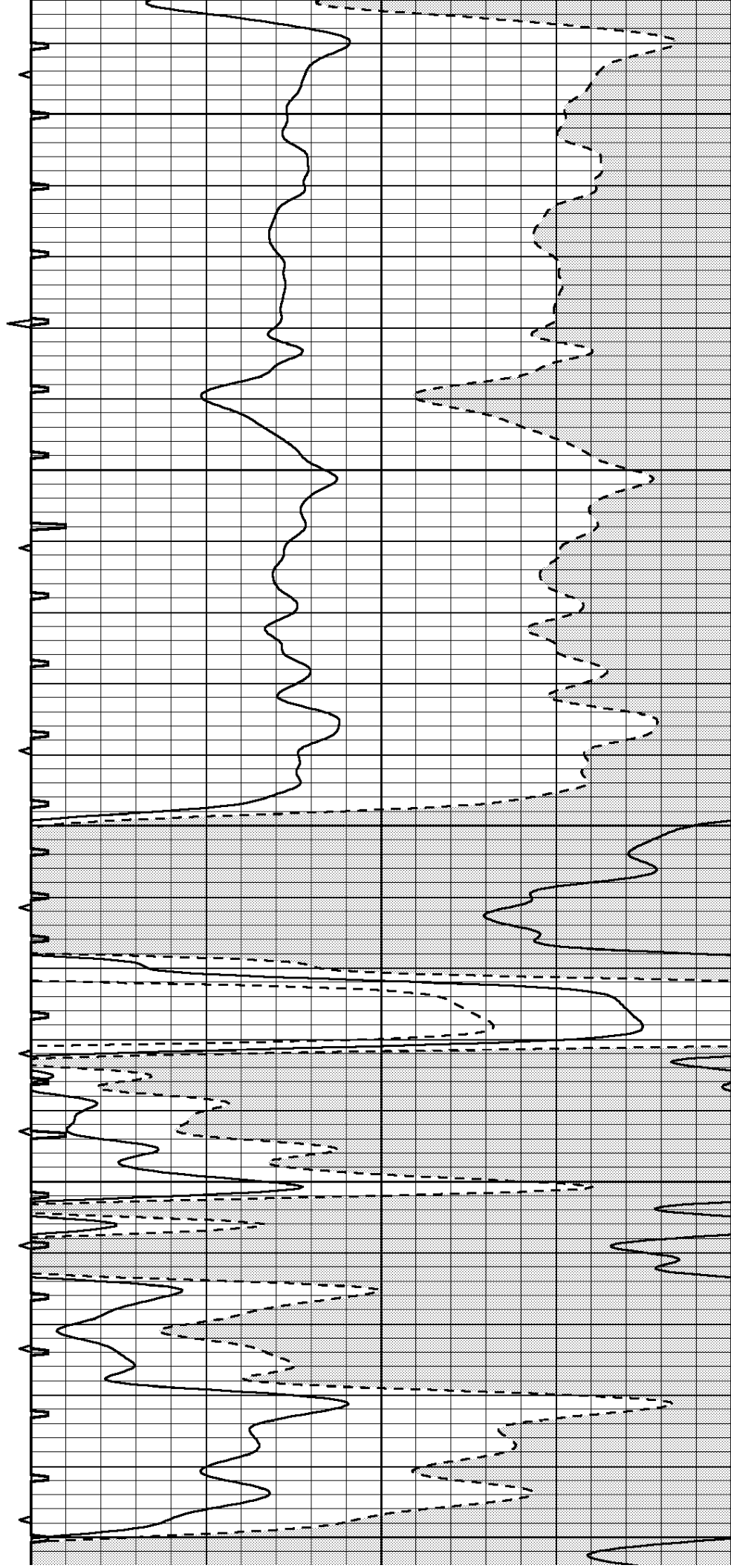
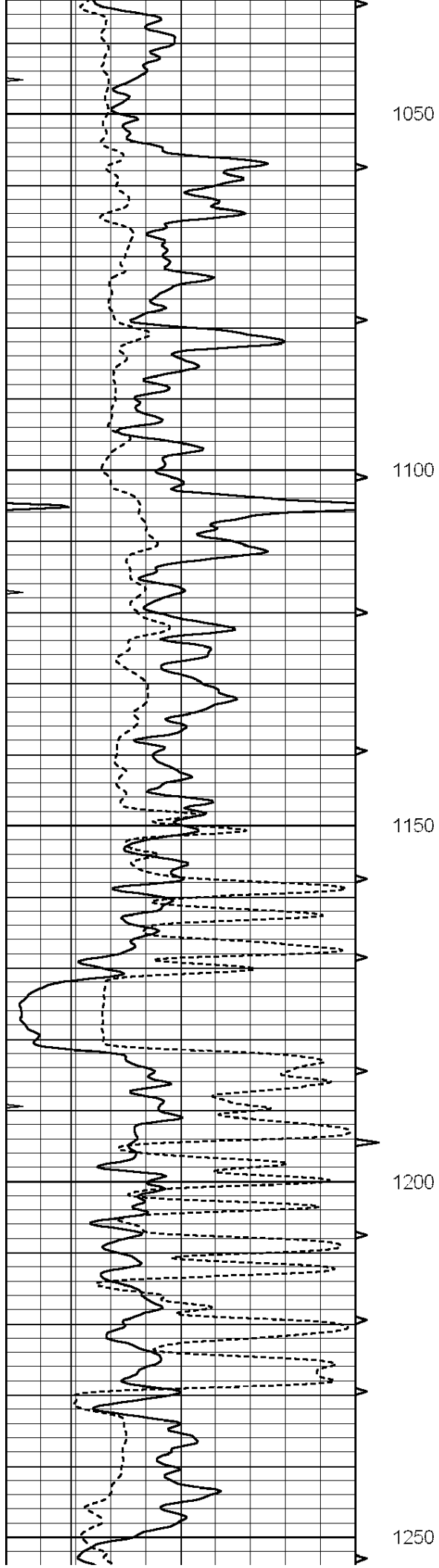
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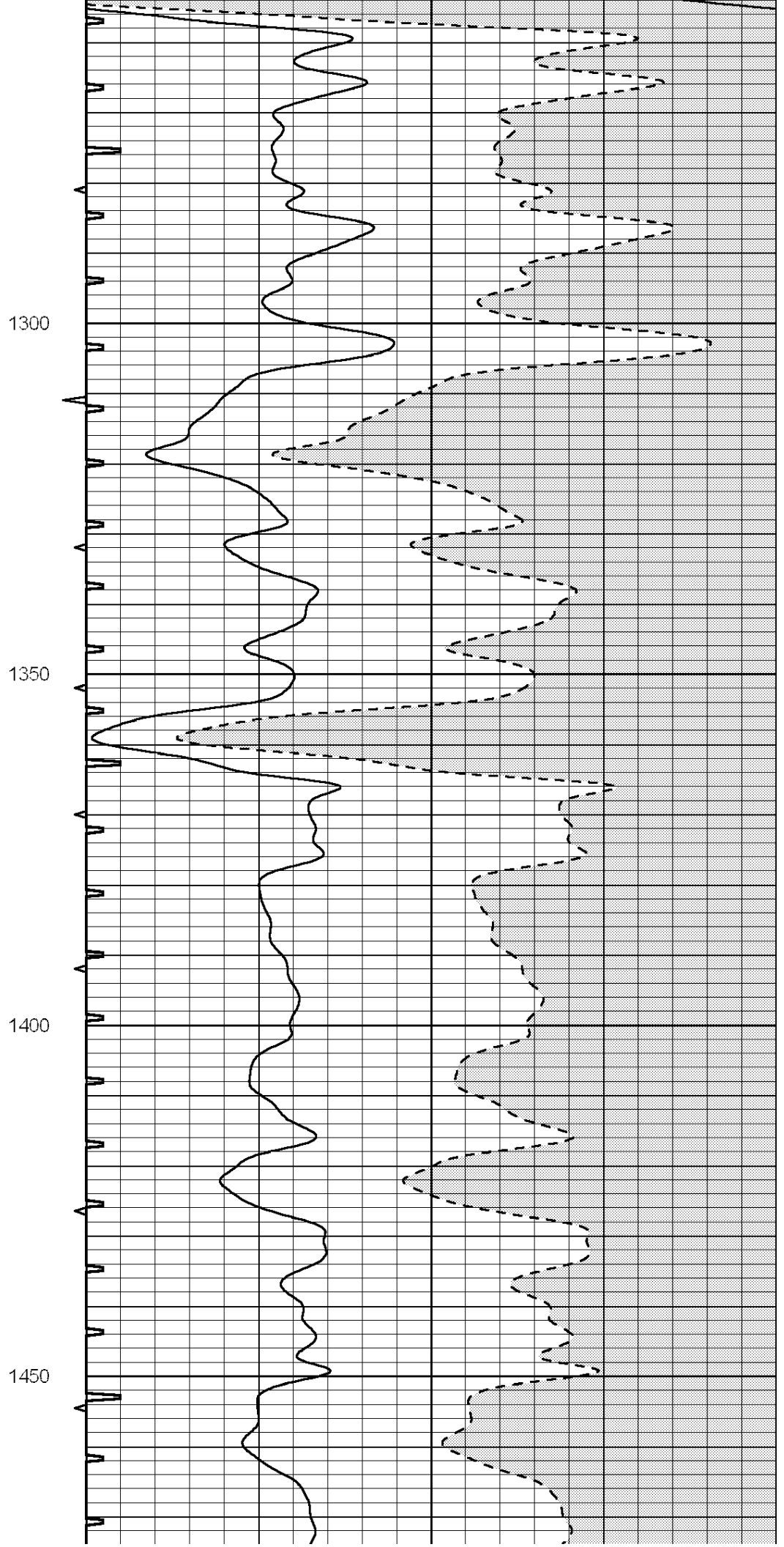
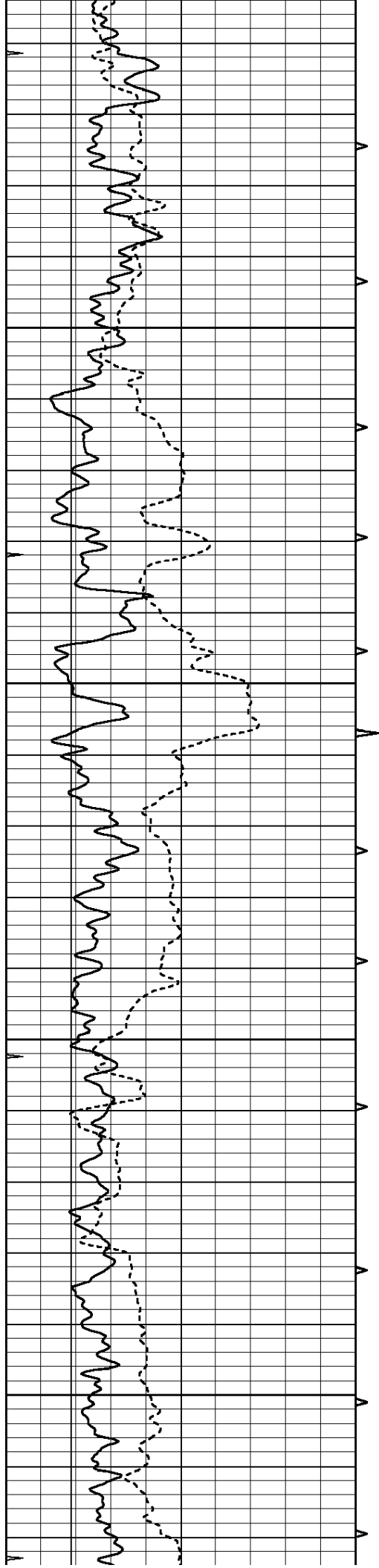
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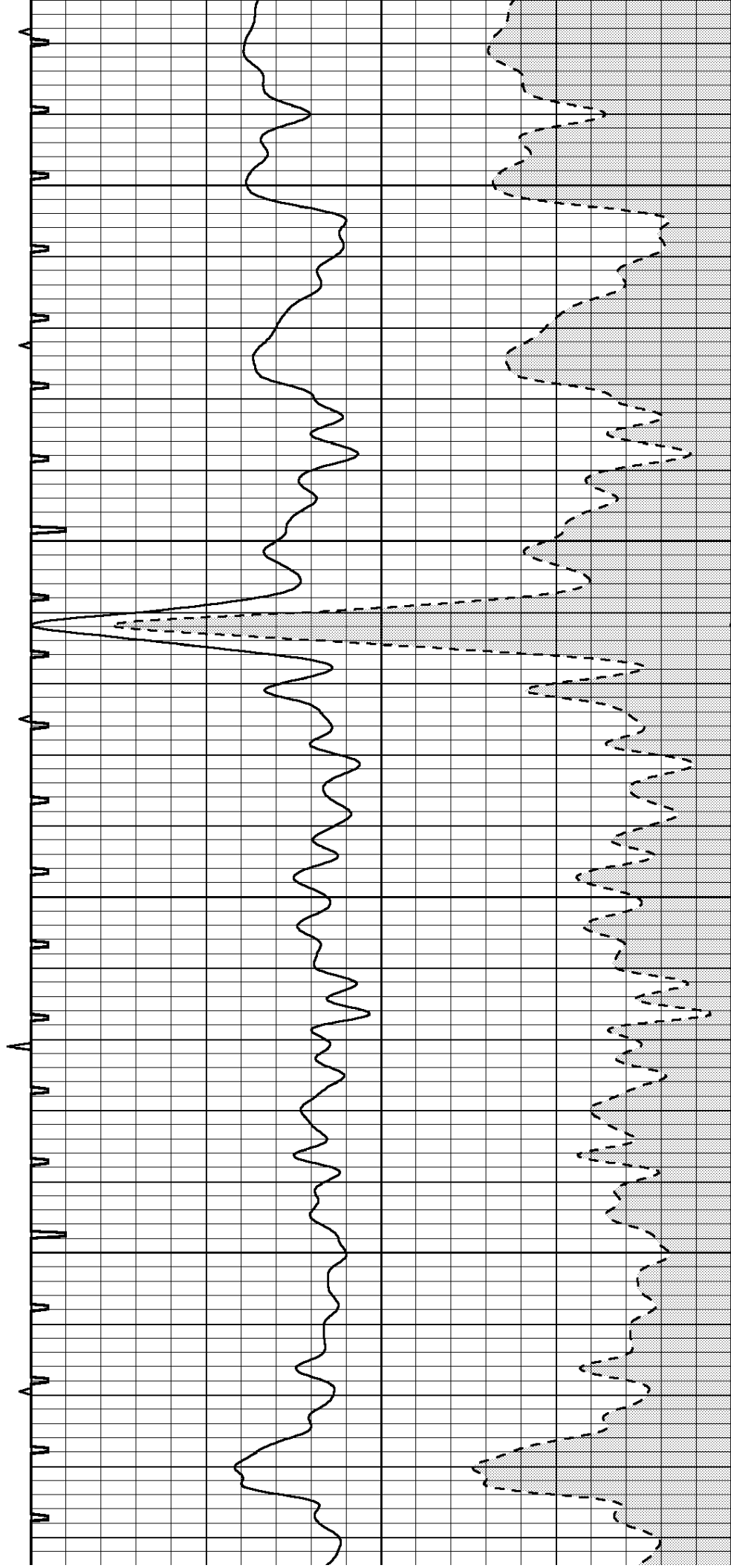
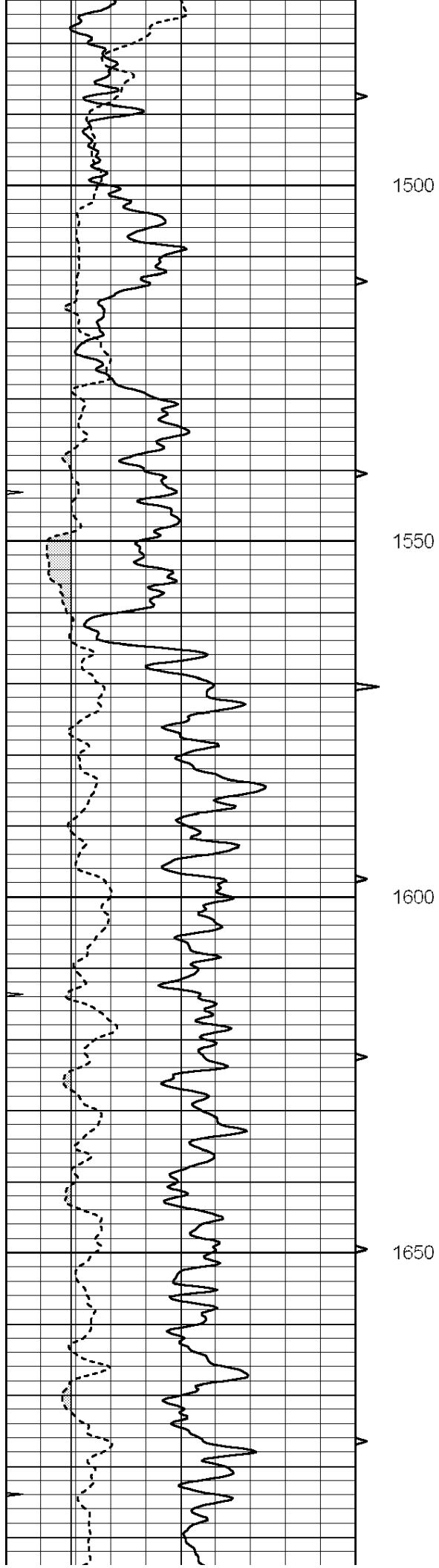
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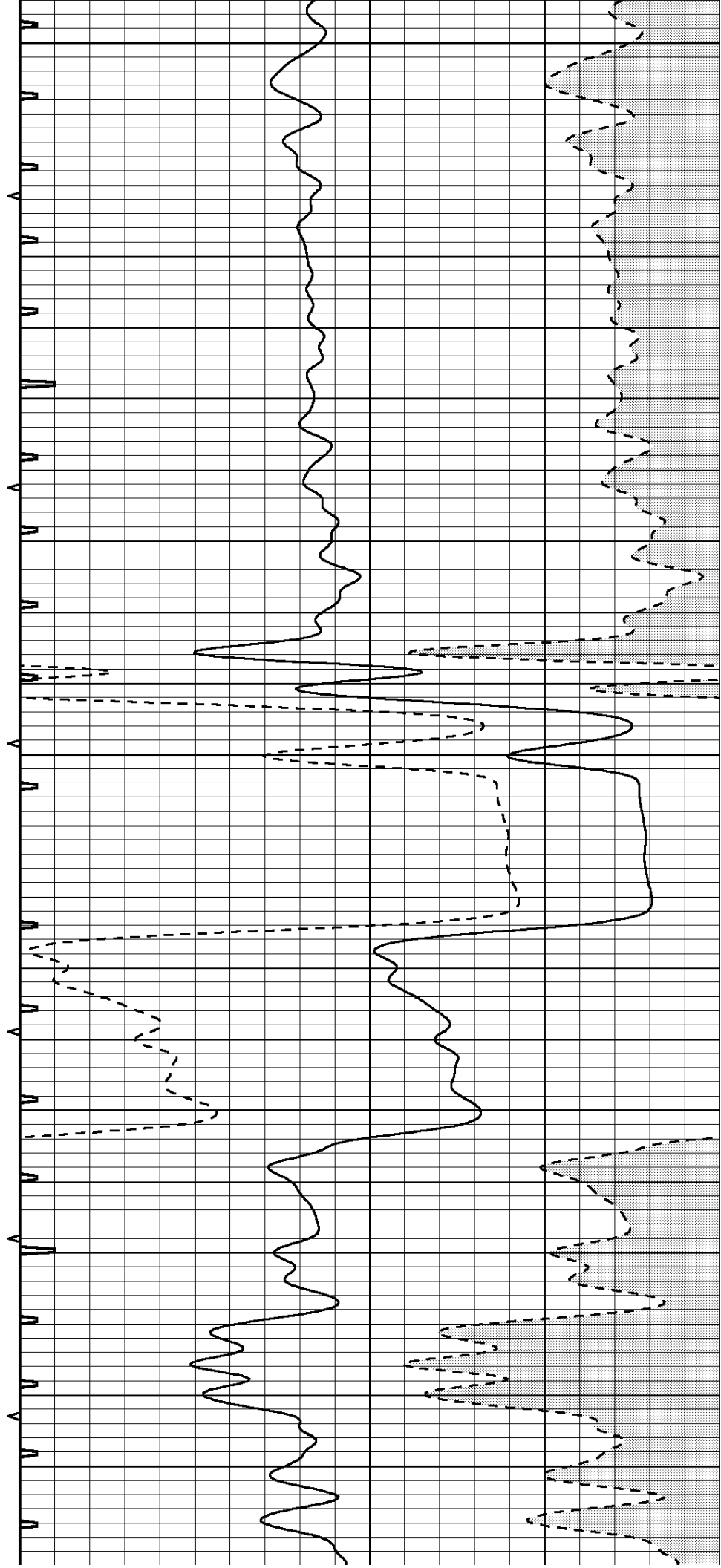
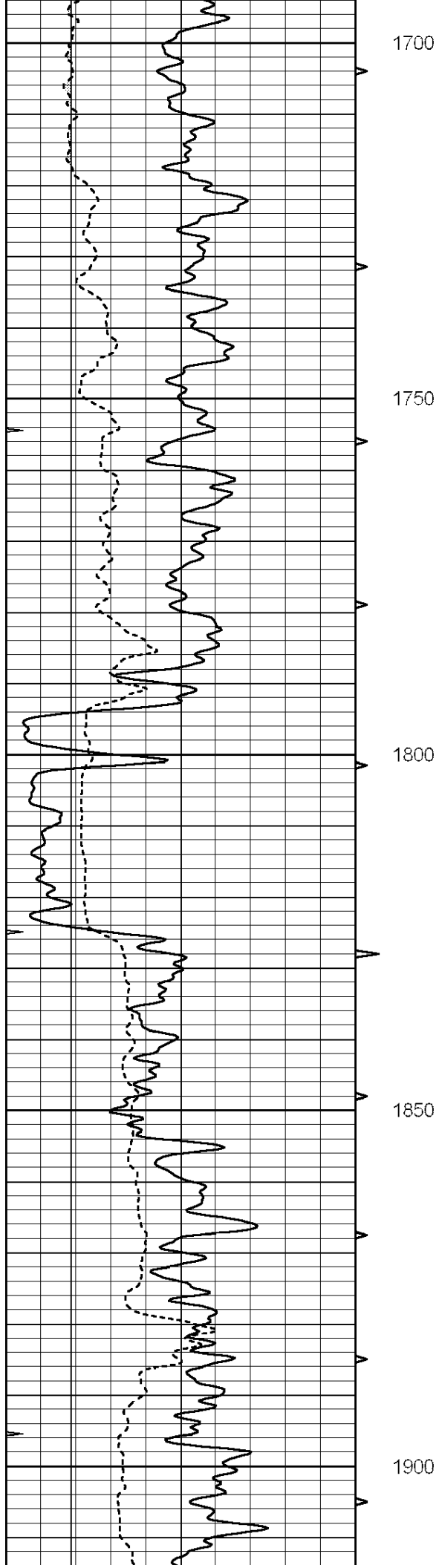
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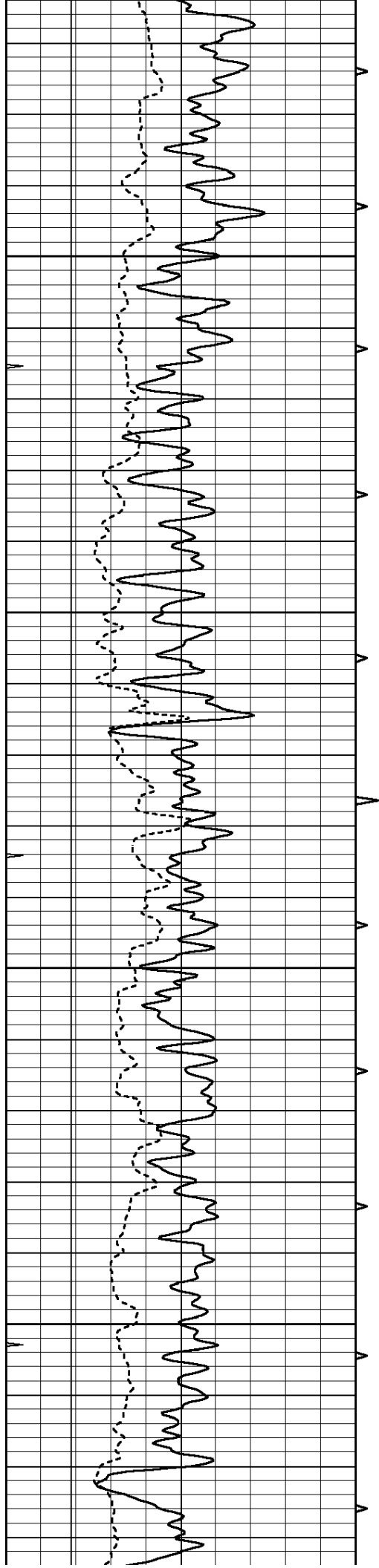










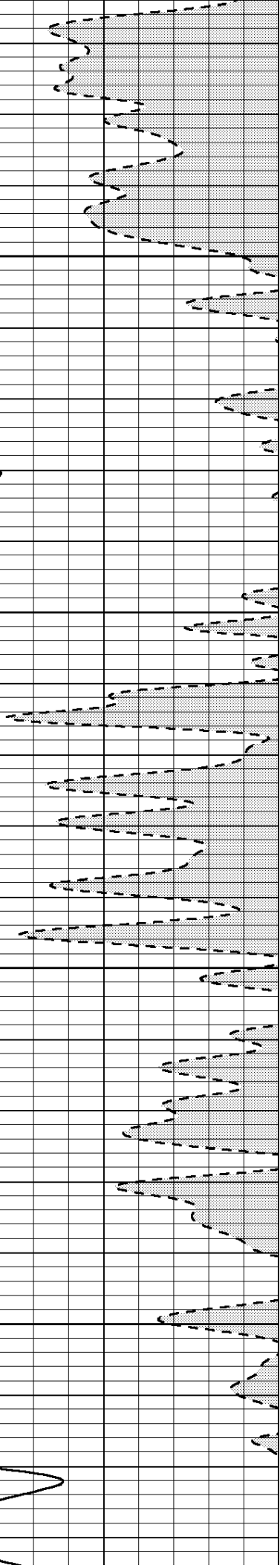
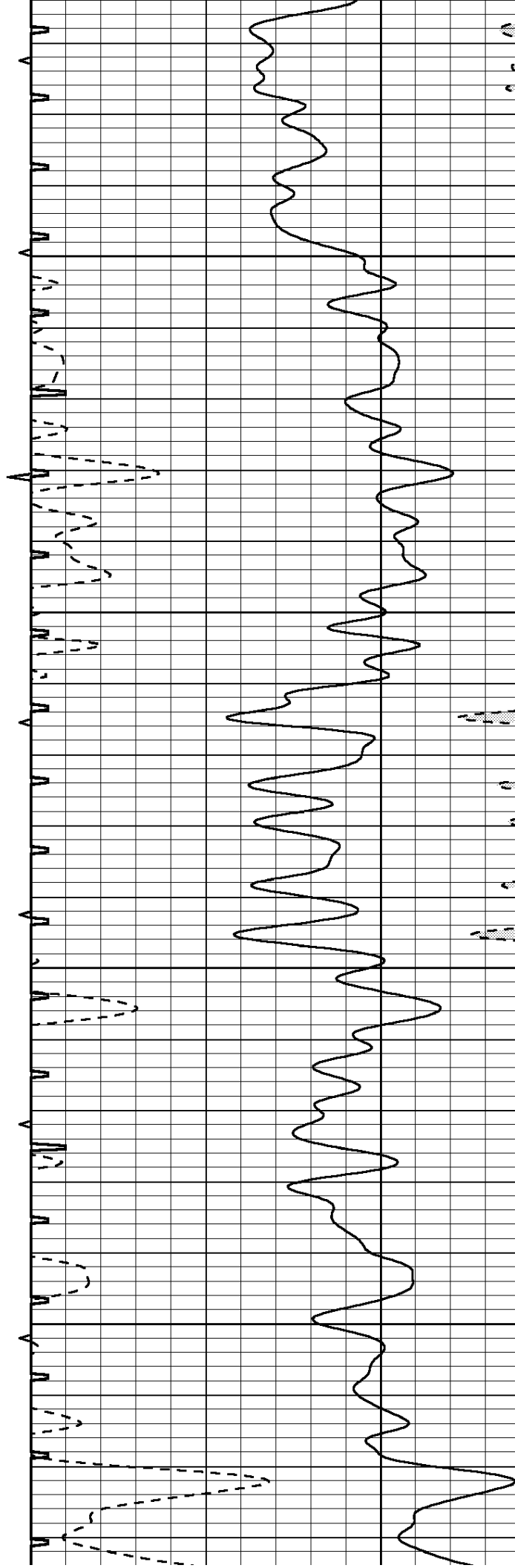


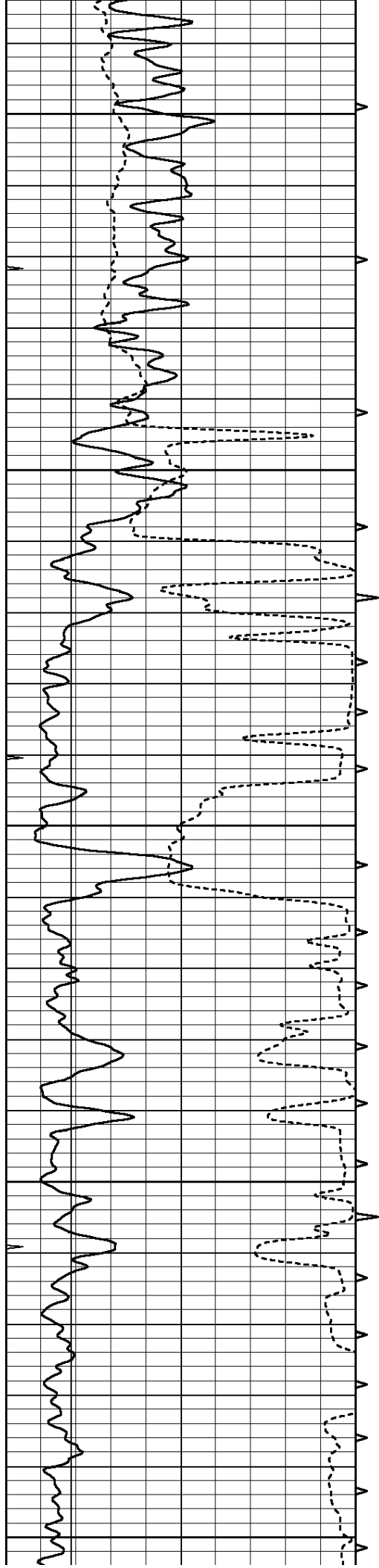
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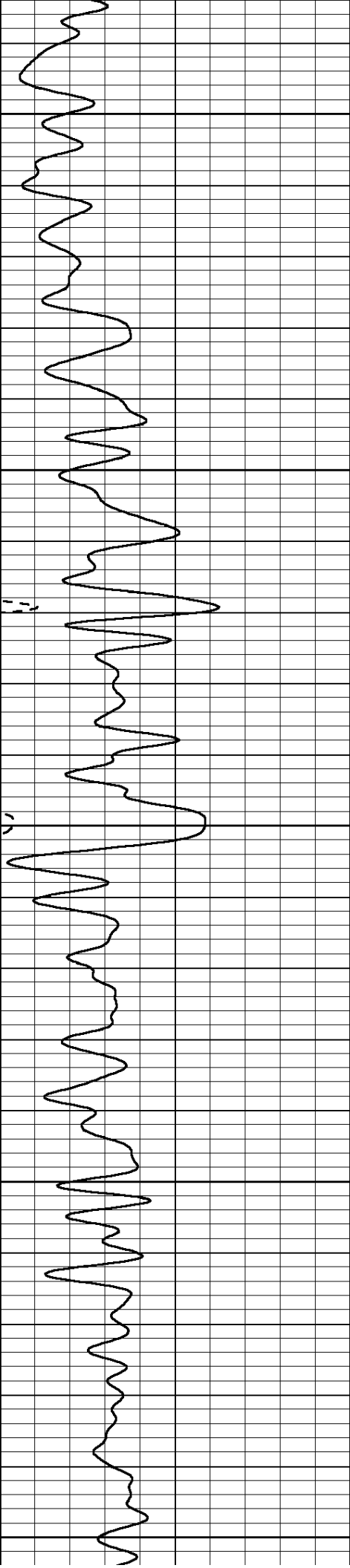
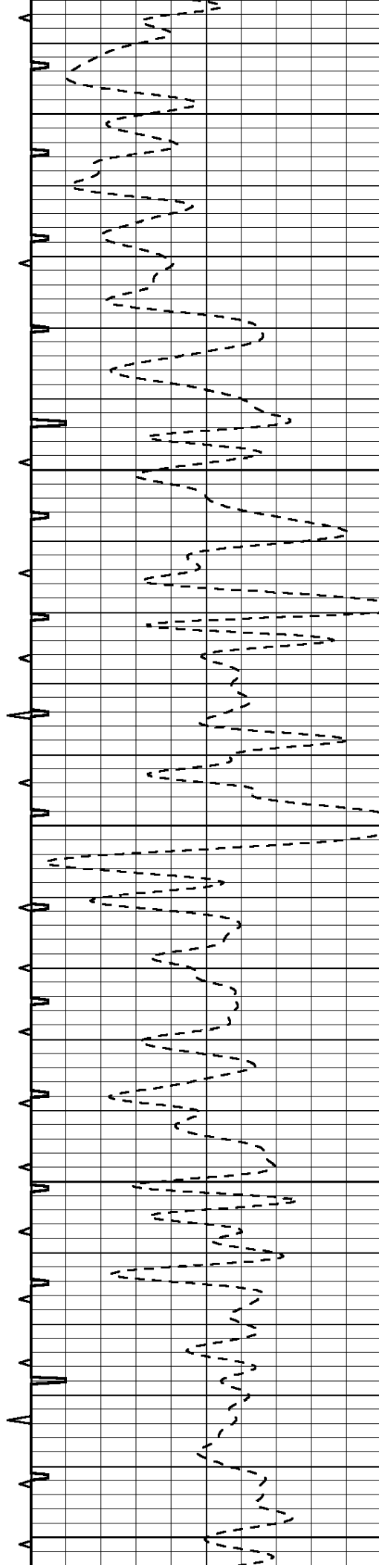
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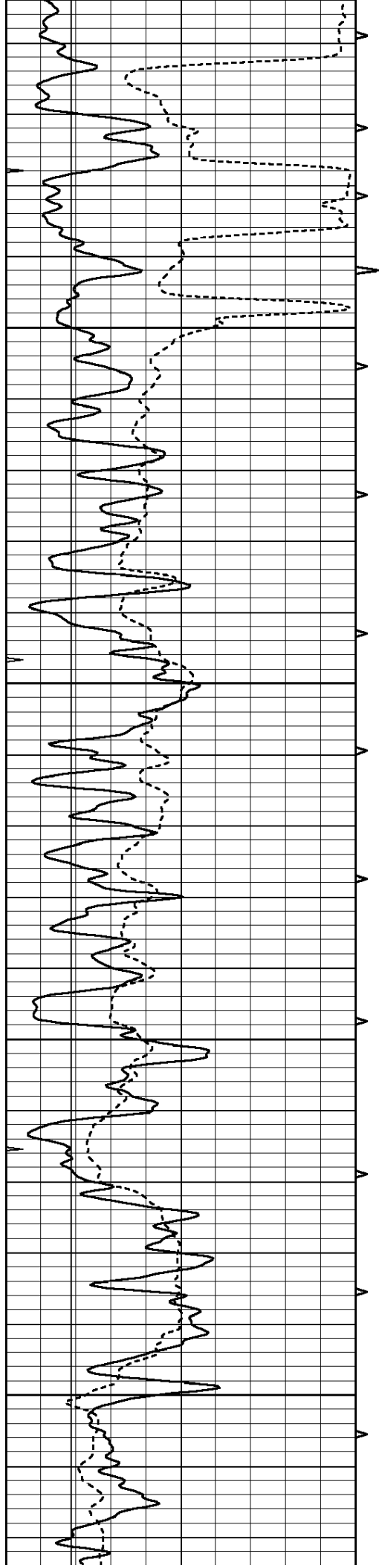
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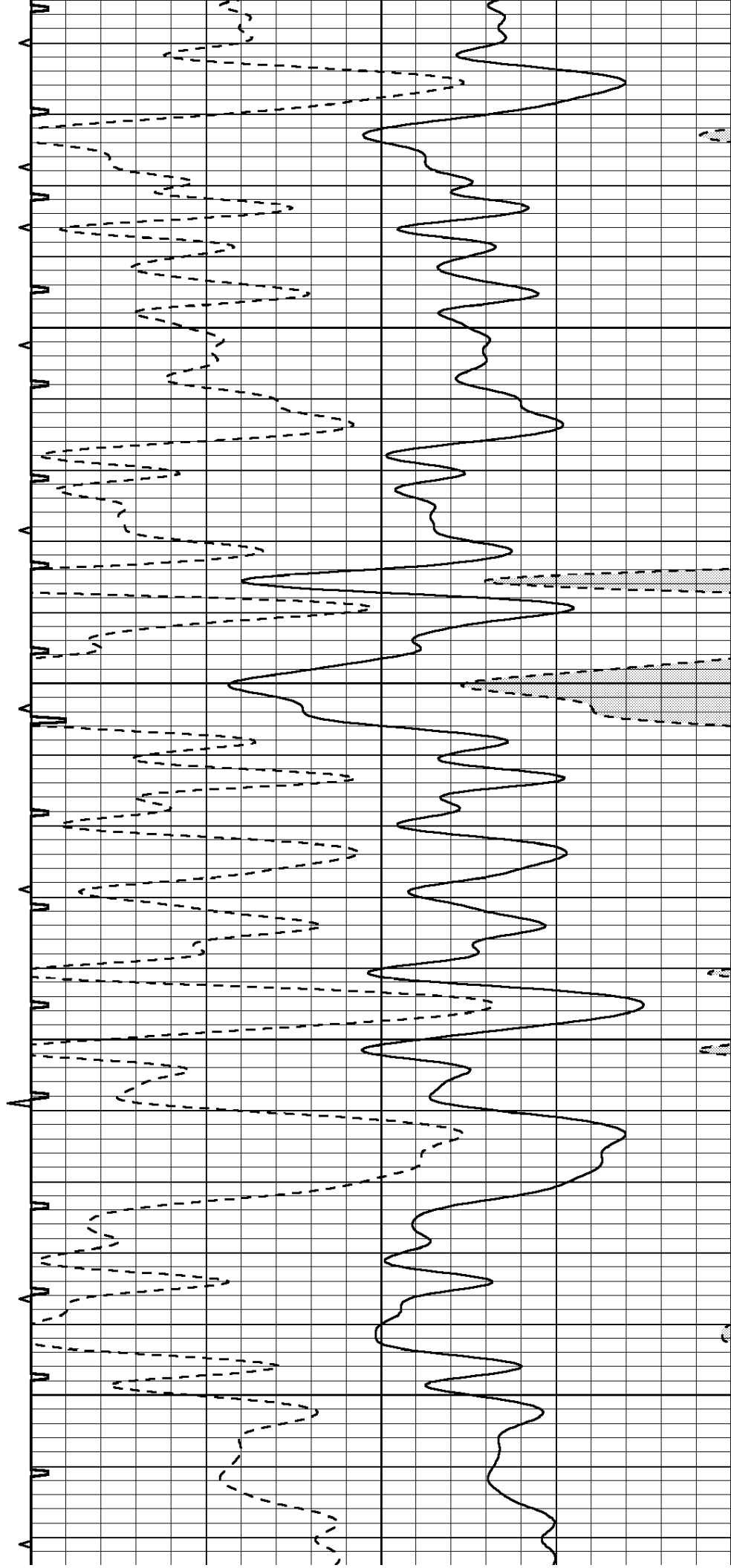


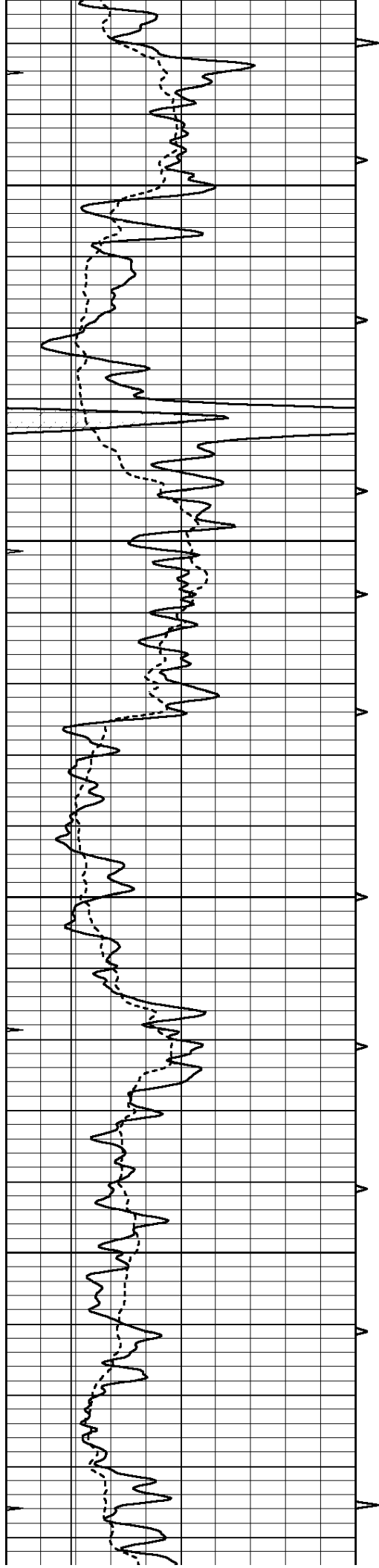
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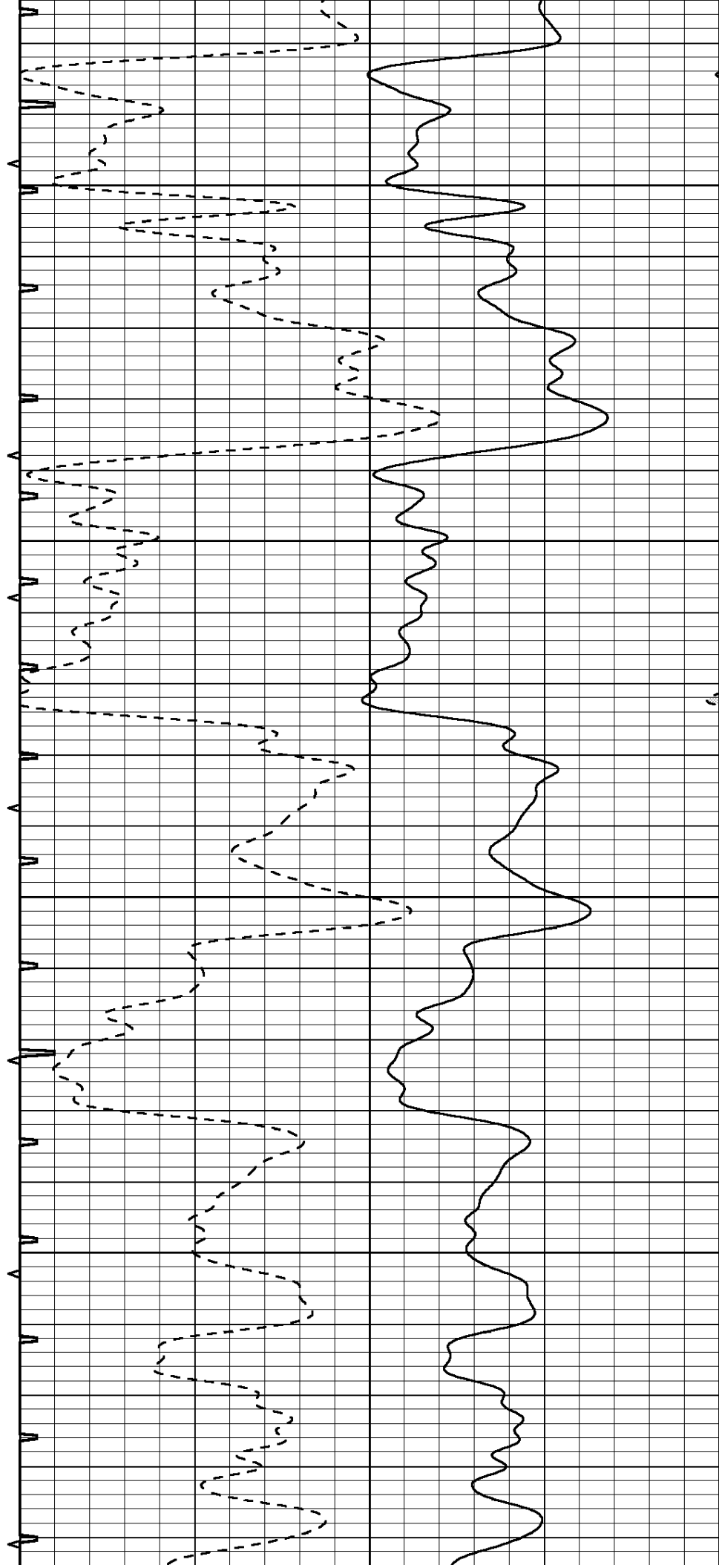


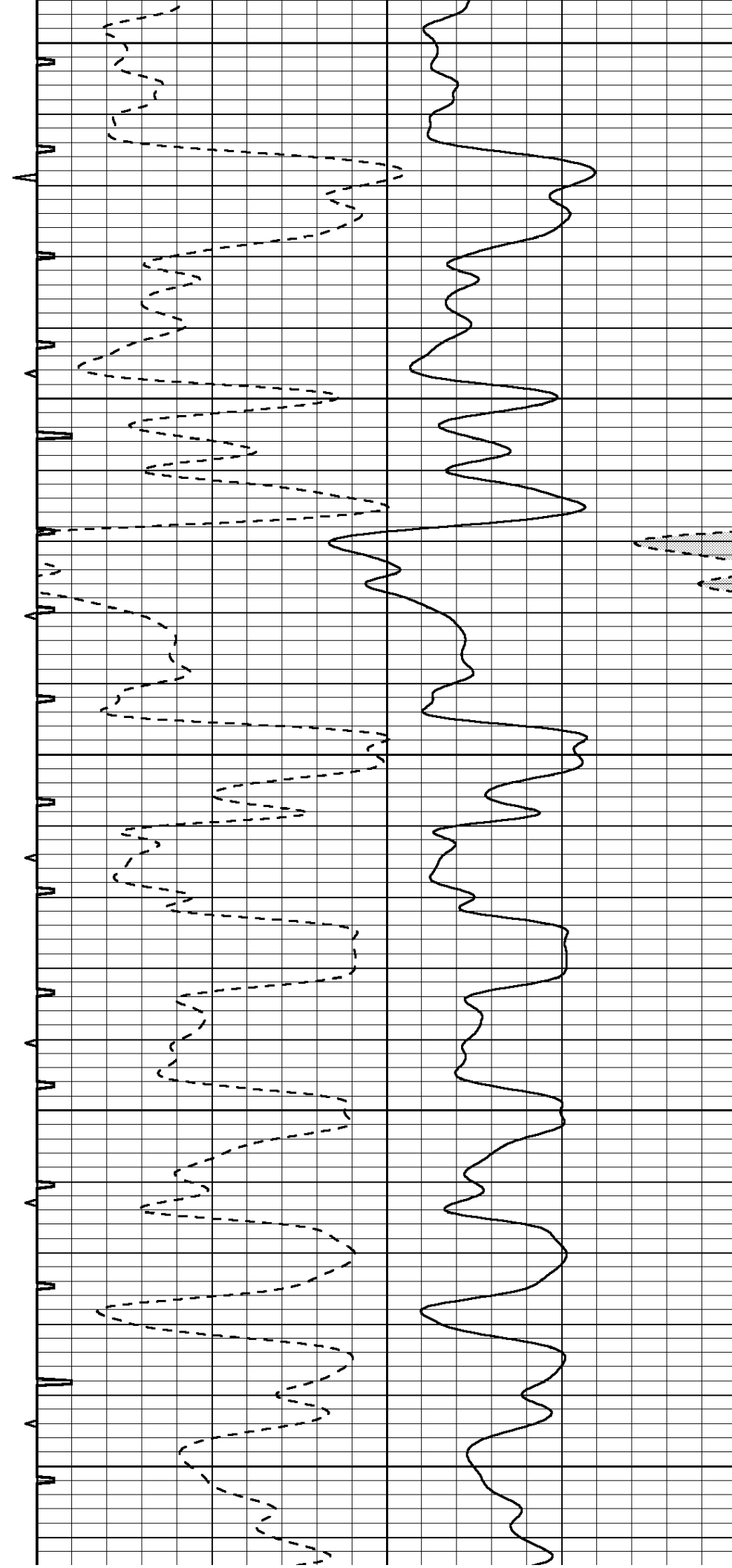
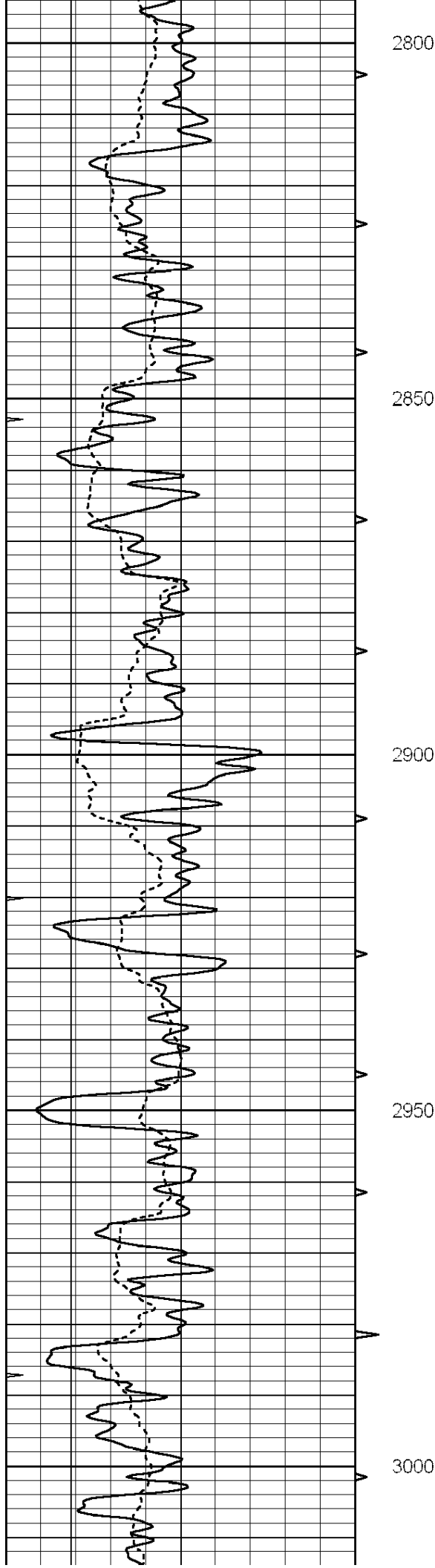
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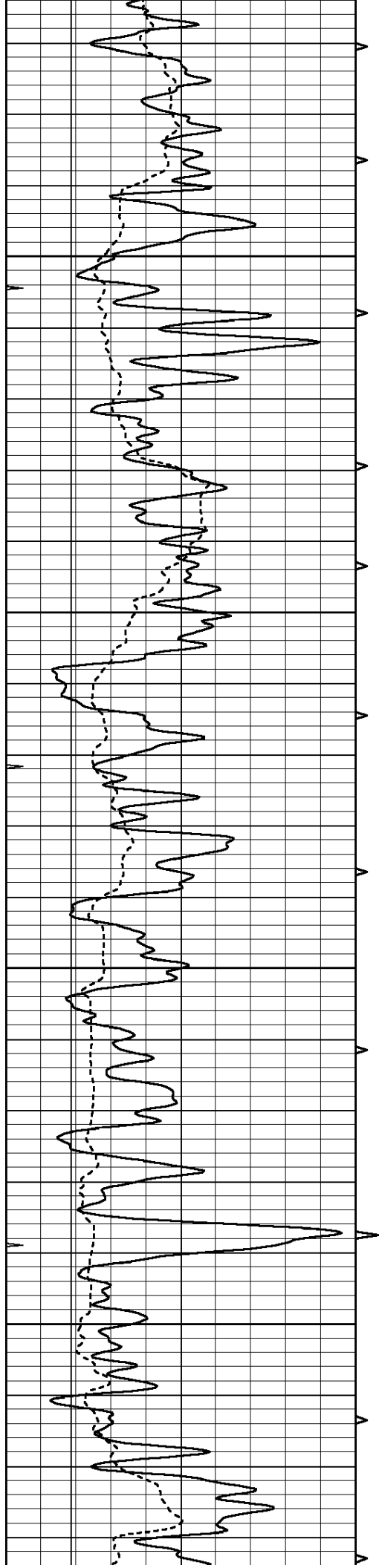
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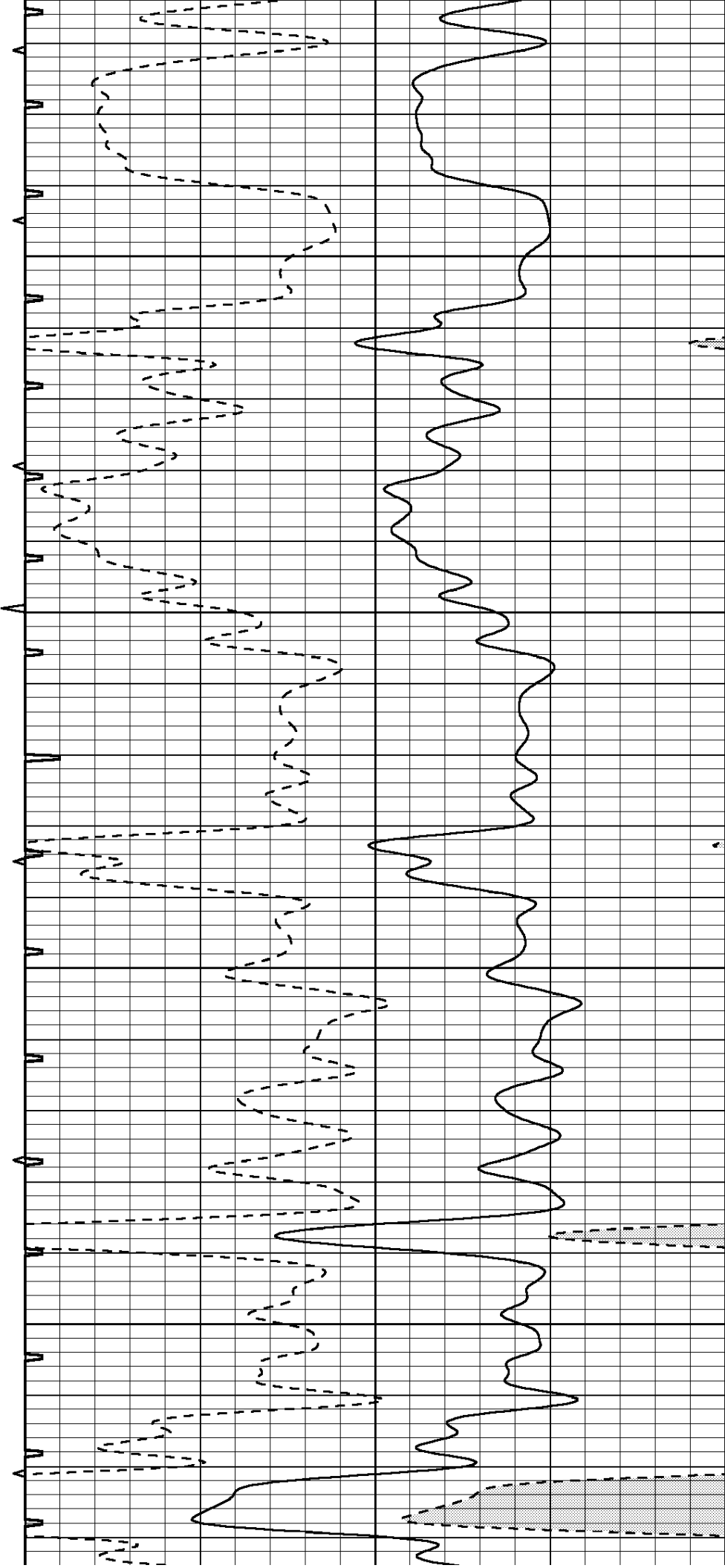


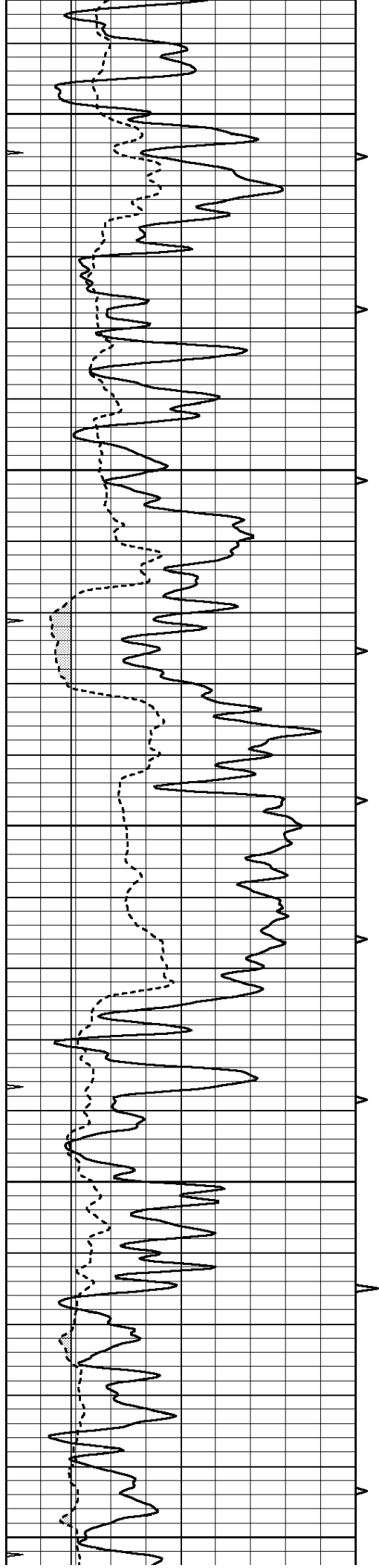
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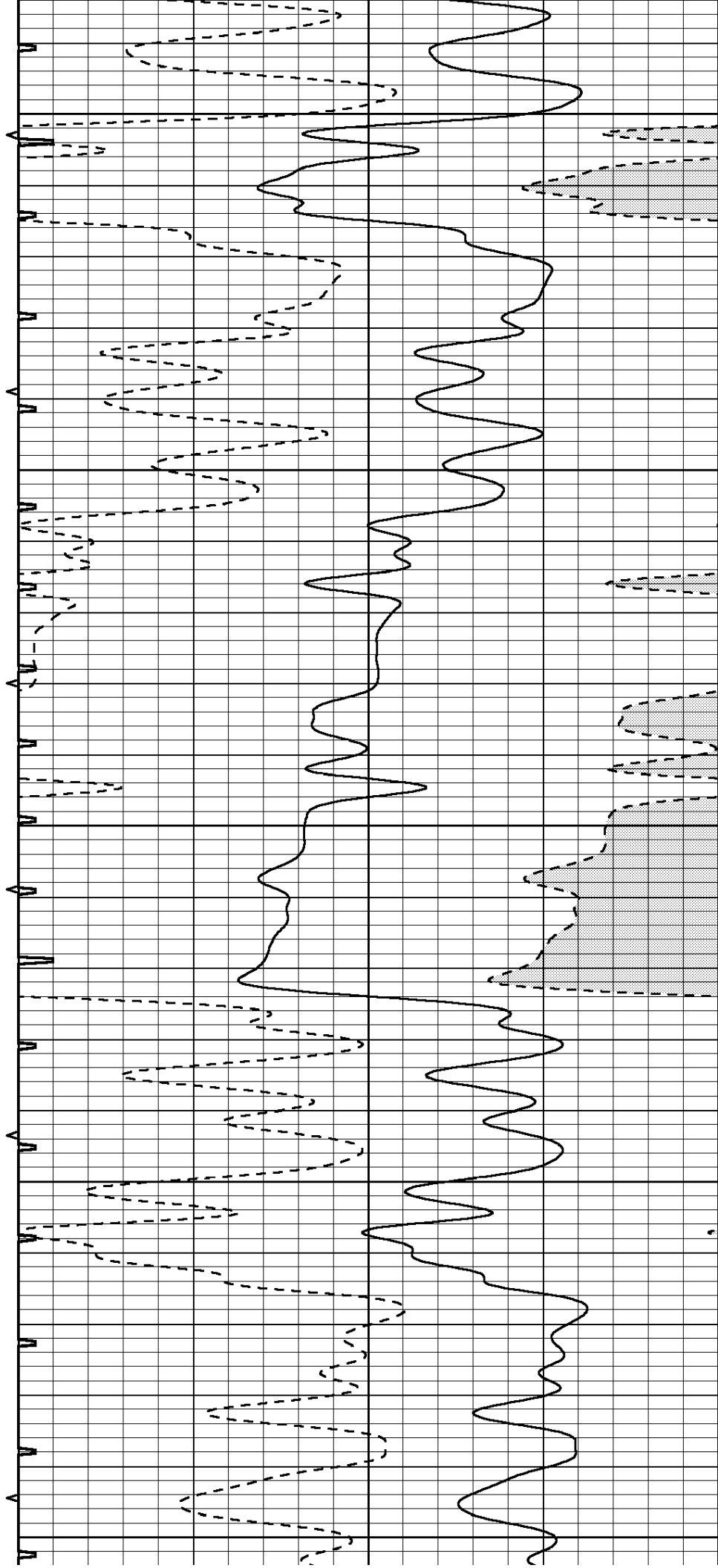
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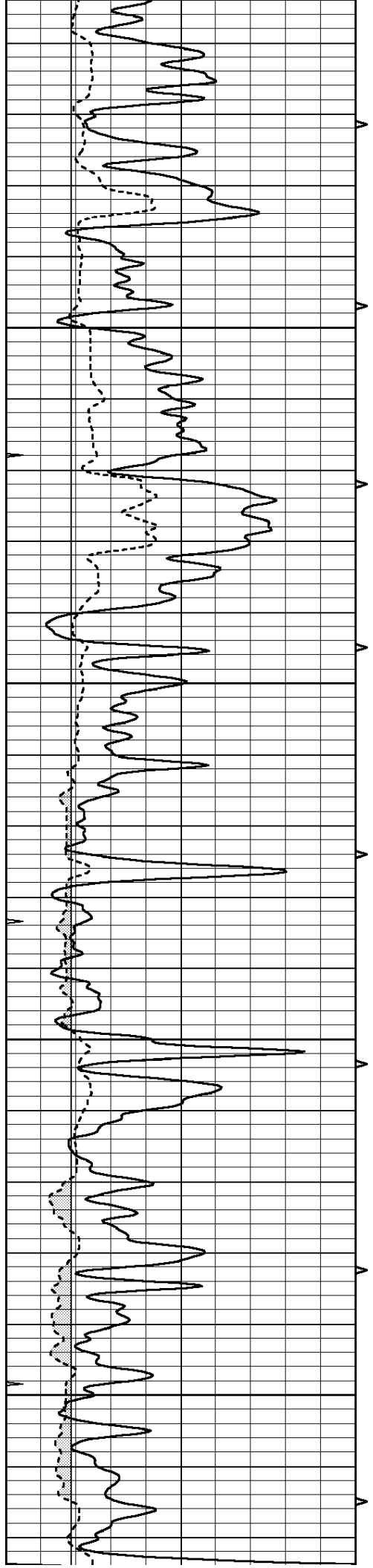
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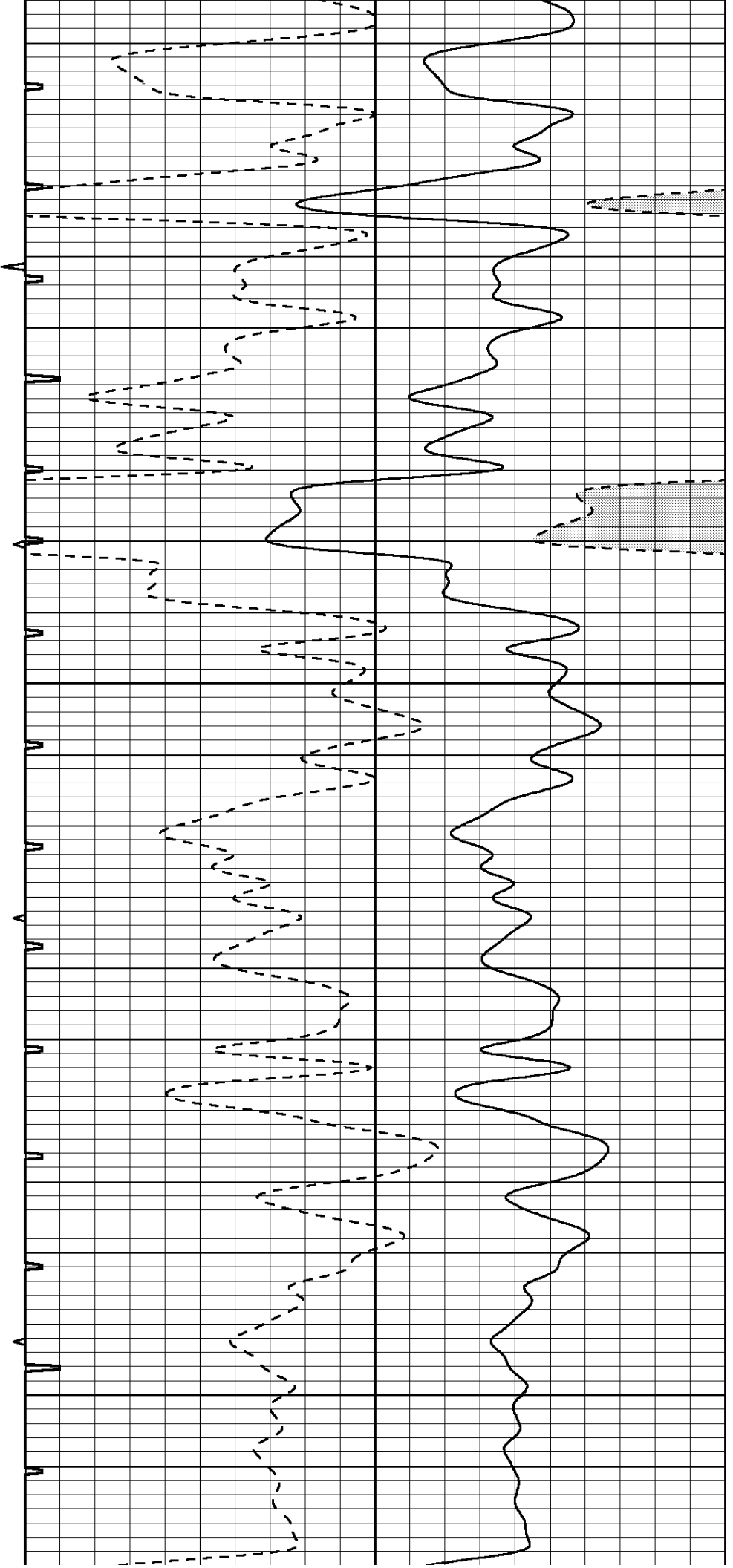


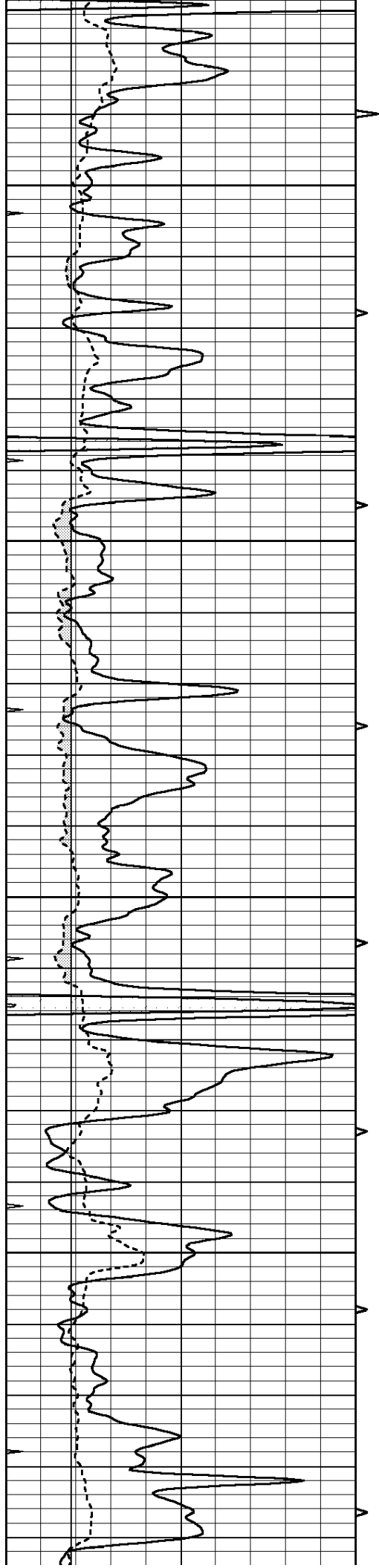
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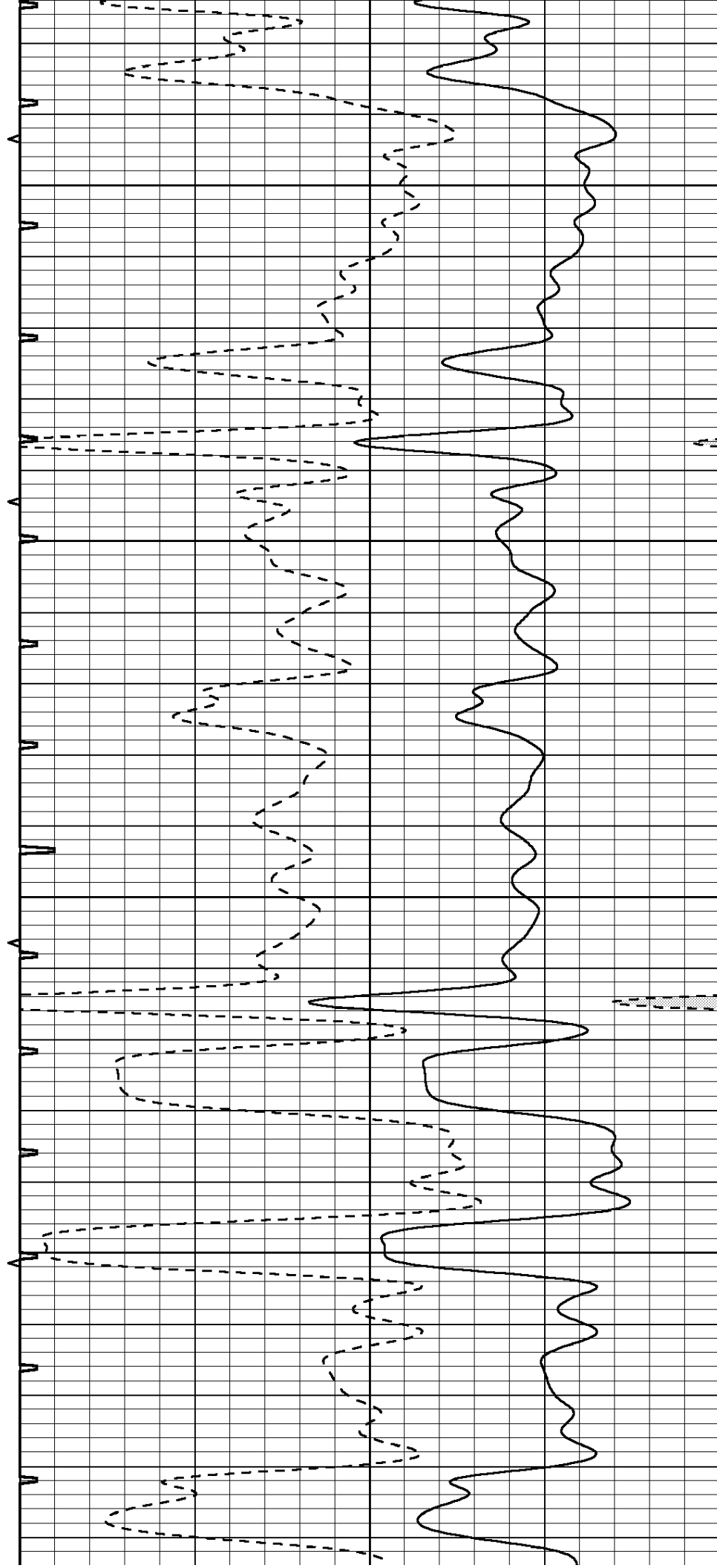


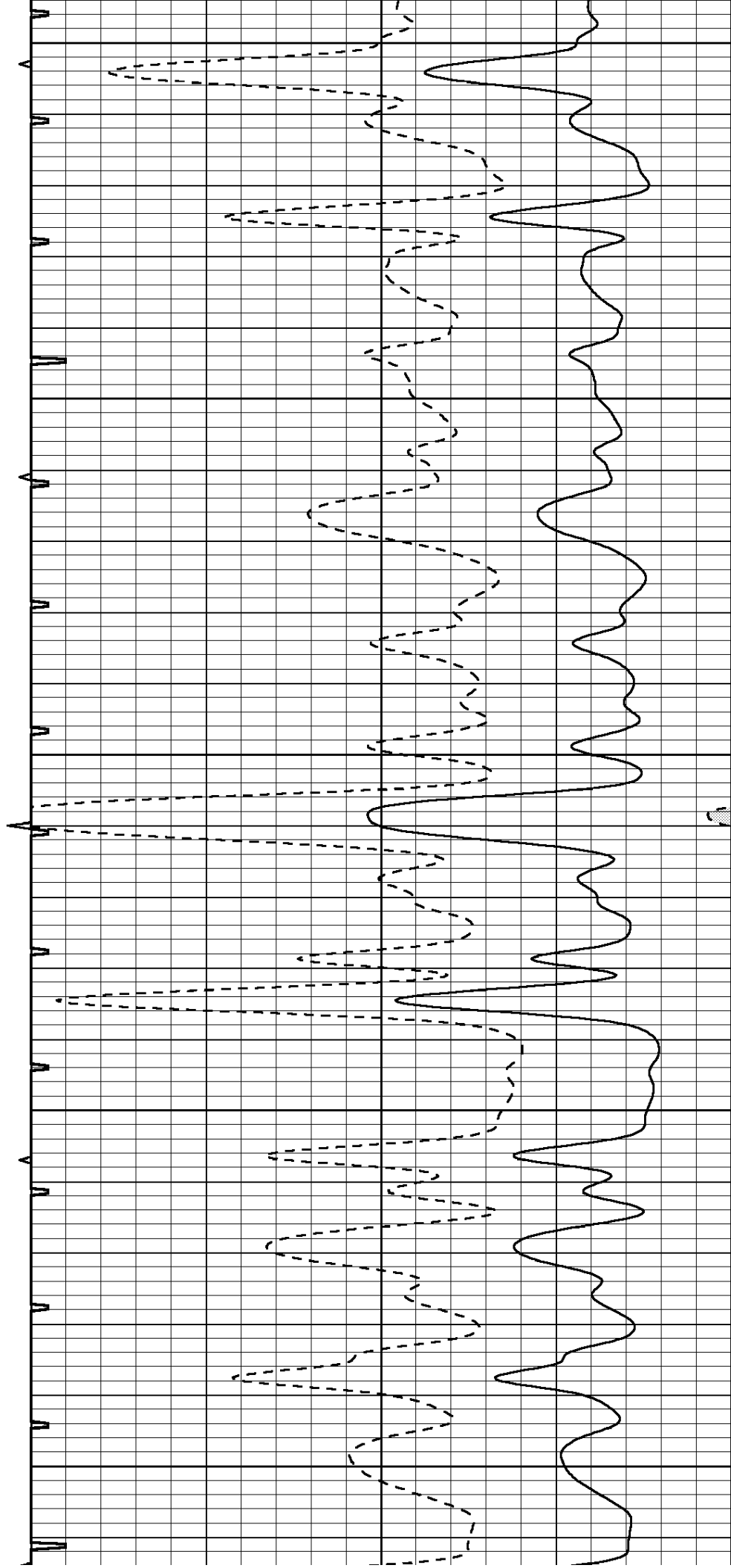
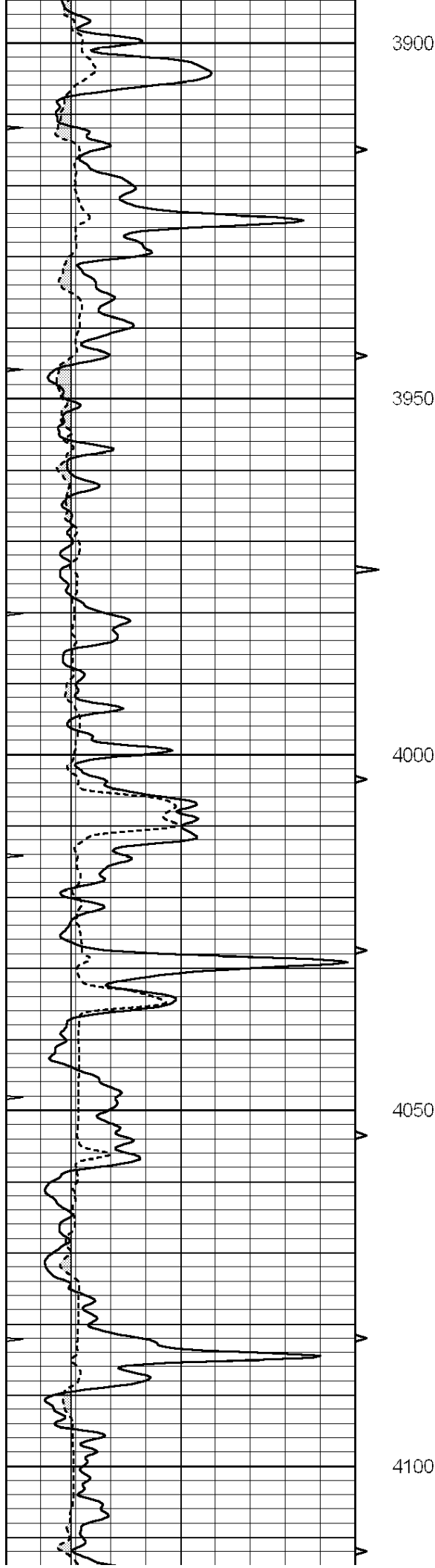
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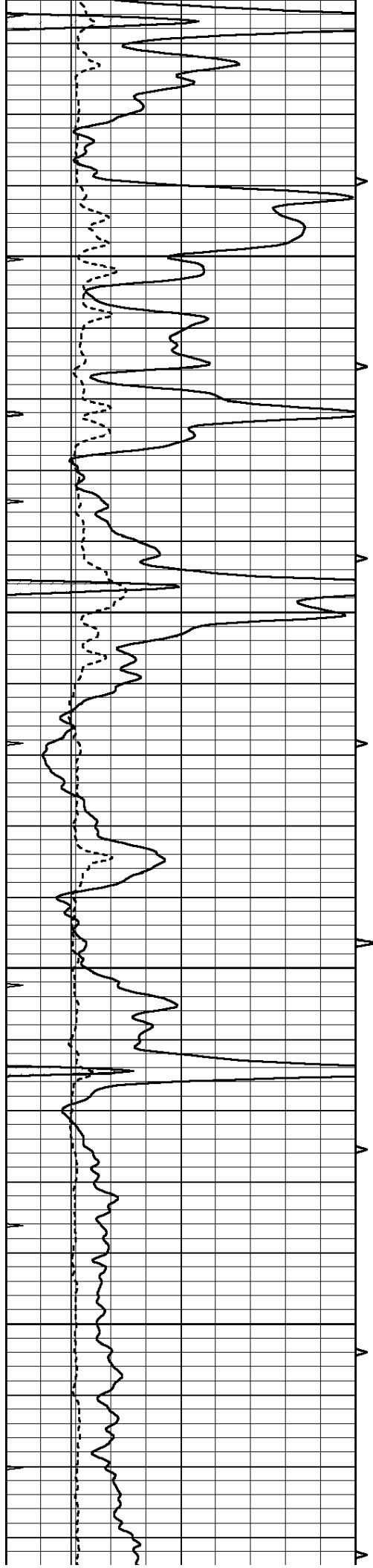
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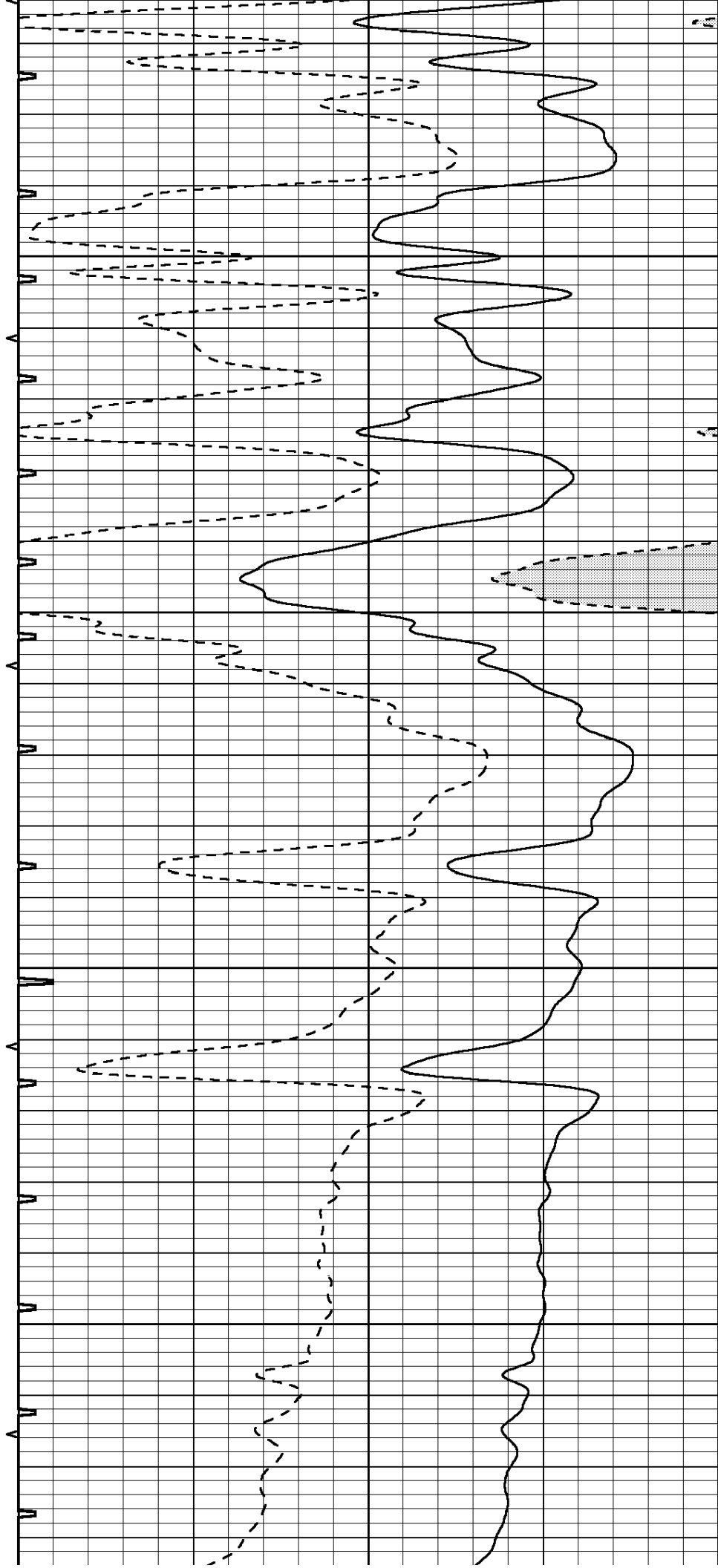


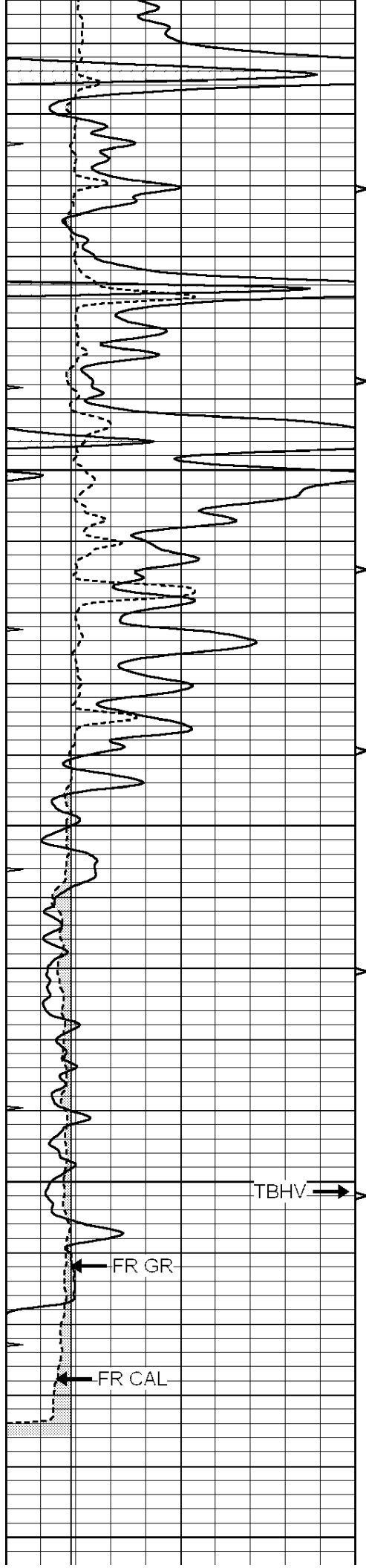
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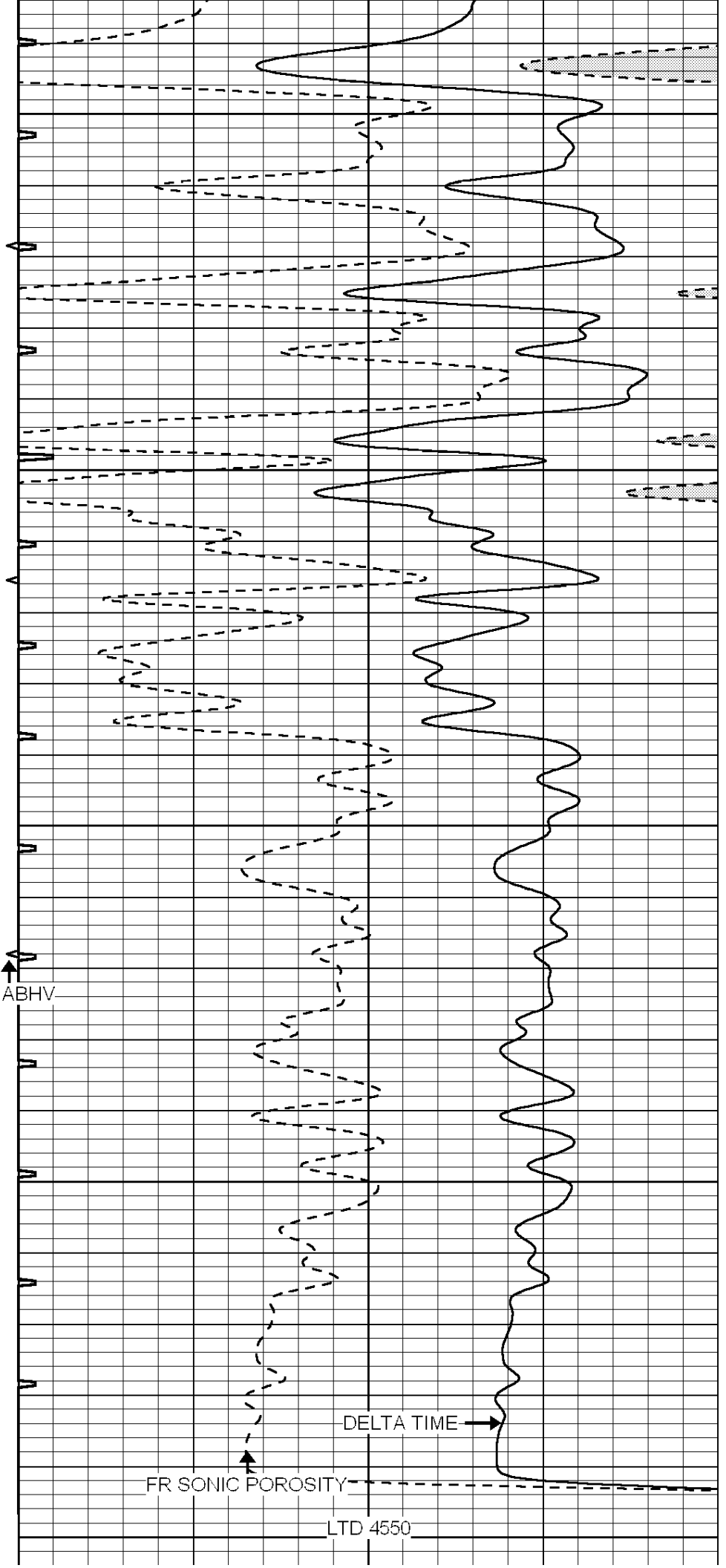
4400

4450

4500

4550

5.5" ABHV



DELTA TIME

FR SONIC POROSITY

LTD 4550

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			



**COMPLETION
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SERVICES CO.**

REPEAT SECTION

Database File: 010042pe.db
Dataset Pathname: pass5.3
Presentation Format: slt
Dataset Creation: Wed Jan 09 15:14:02 2013
Charted by: Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)		-10

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

