



SUPERIOR
Hays,
Kansas

SONIC LOG

Company		MULL DRILLING COMPANY, INC.	
Well	#1-6 STEVE		
Field	WILDCAT		
County	NESS	State	KANSAS
Location:	APL # : 15-135-25335-0000		Other Services CDL/CNL/PE DIL/MEL
SEC 6 TWP 17S RGE 23W			
Permanent Datum	GROUND LEVEL	Elevation	2492
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	1/26/12		
Run Number	TWO		
Depth Driller	4600		
Depth Logger	4600		
Bottom Logged Interval	4590		
Top Log Interval	200		
Casing Driller	8 5/8"@222'		
Casing Logger	223		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,800 PPM	
Density / Viscosity	9.4/46		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.750@80F		
Rmt @ Meas. Temp	.563@80F		
Rmc @ Meas. Temp	.900@80F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.496@121F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	11:30 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	4010		
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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
RANSOM, KS. (JUNCTION OF HWY 4 & 283) 2 1/4S. ON HWY 283, W. INTO

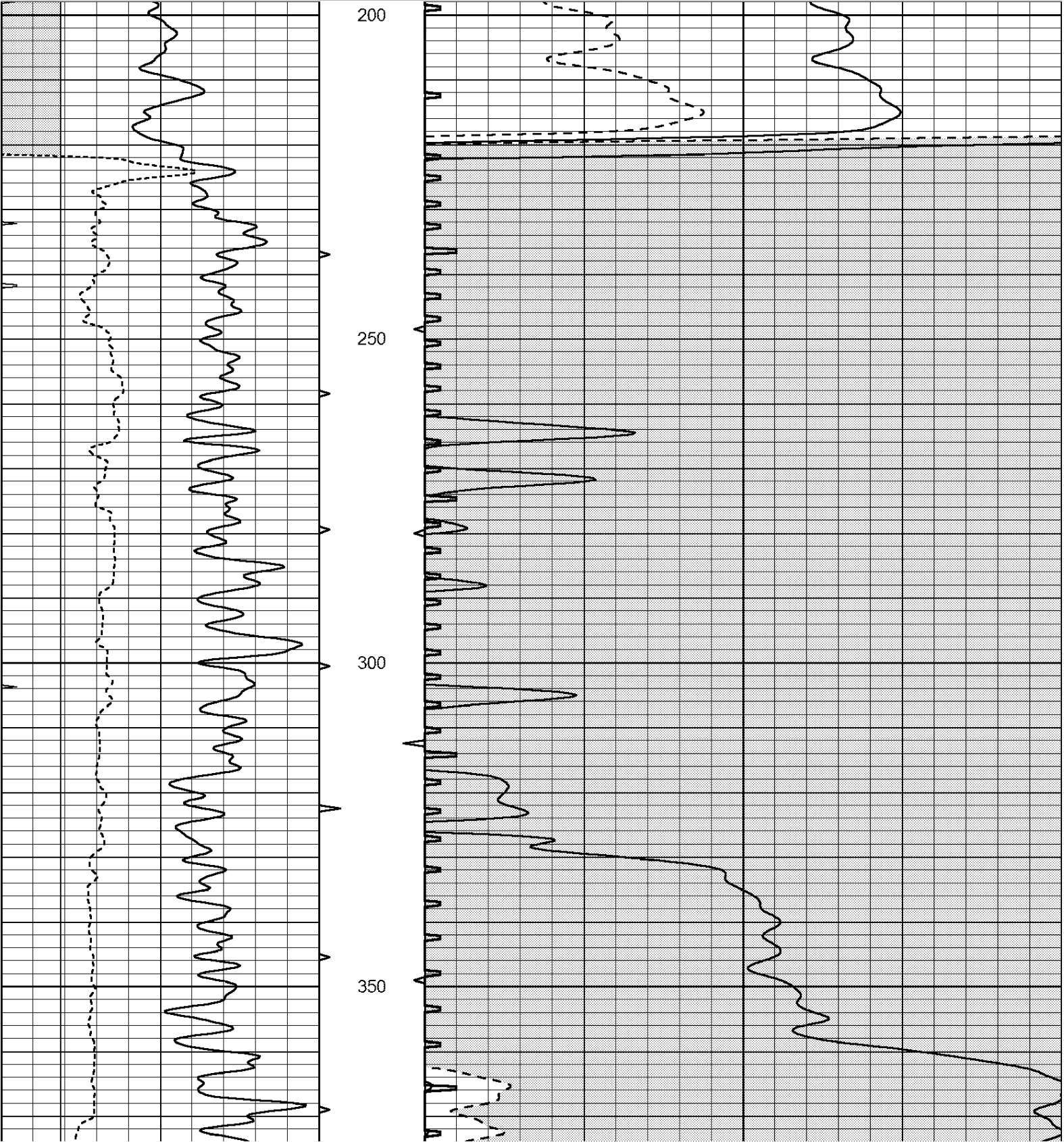


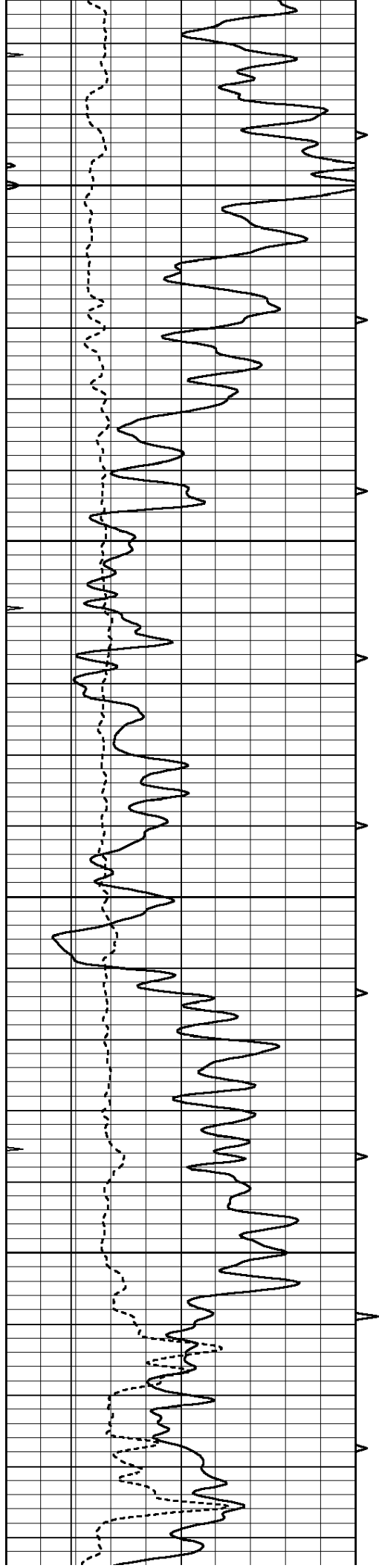
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MAIN SECTION

Database File: 008148pe.db
Dataset Pathname: pass6.3
Presentation Format: slt
Dataset Creation: Thu Jan 26 03:09:45 2012 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)		-10
-----			-----					
0	MINMK	20	TBHV	0	ITT (msec)	20		
			0 (ft3)	10				



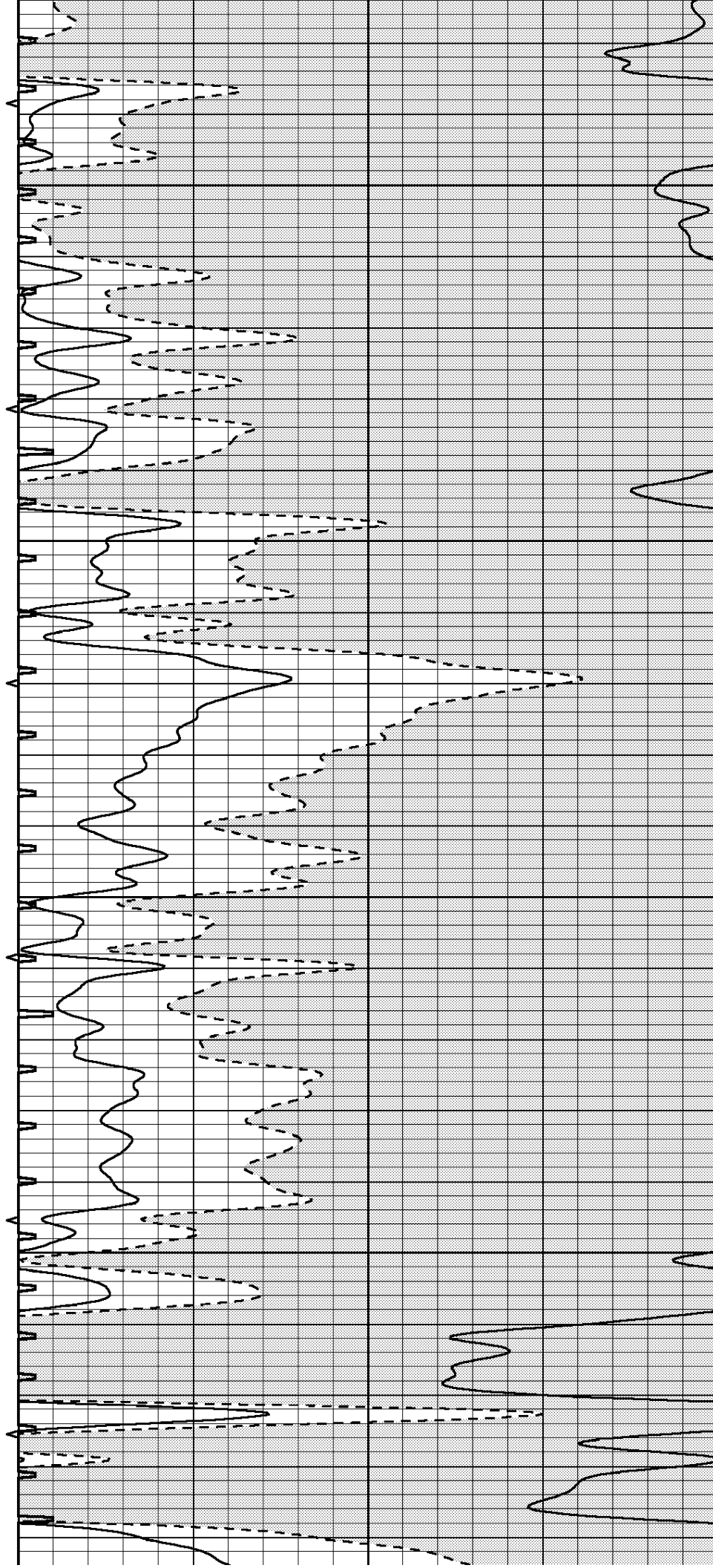


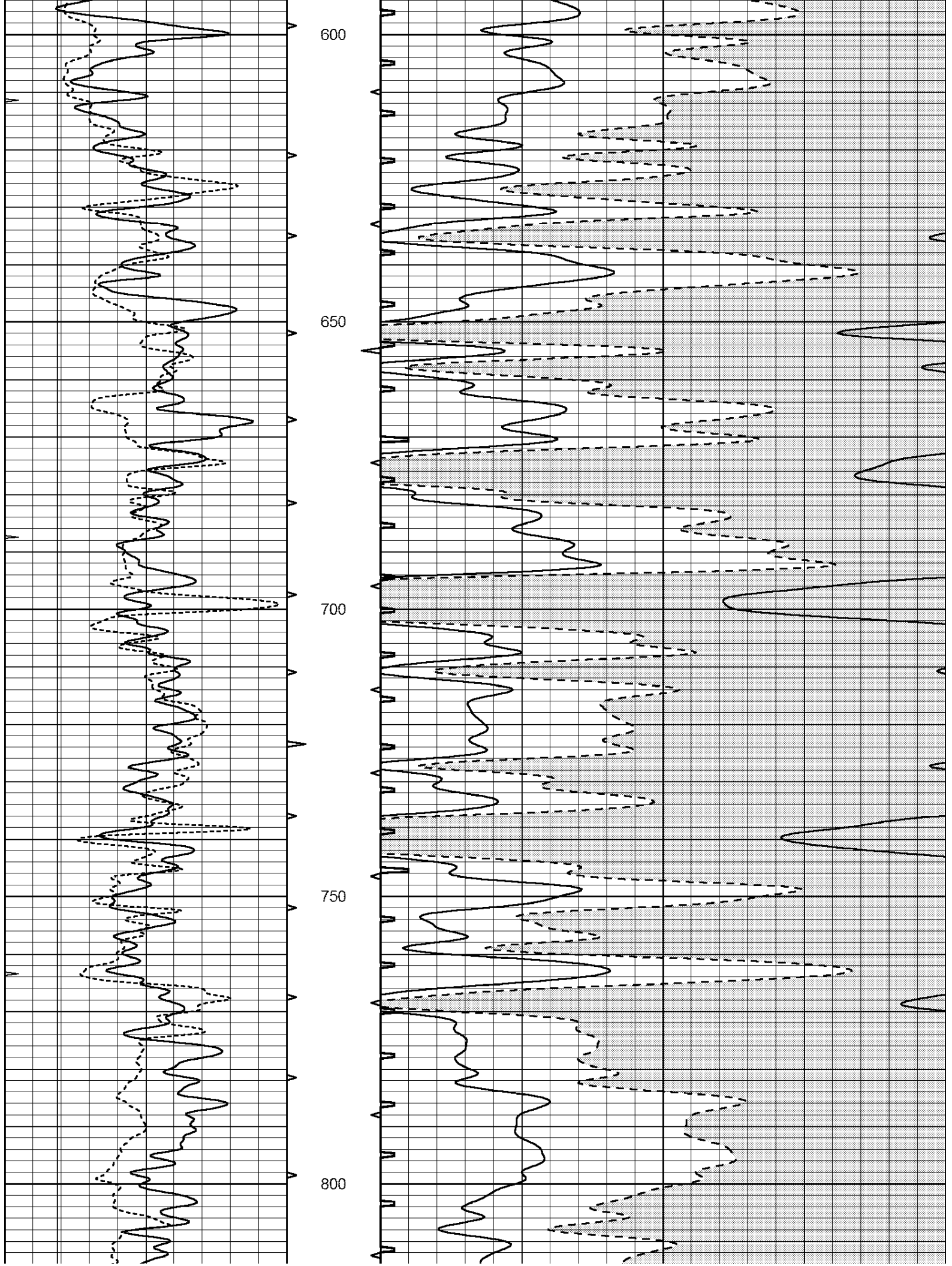
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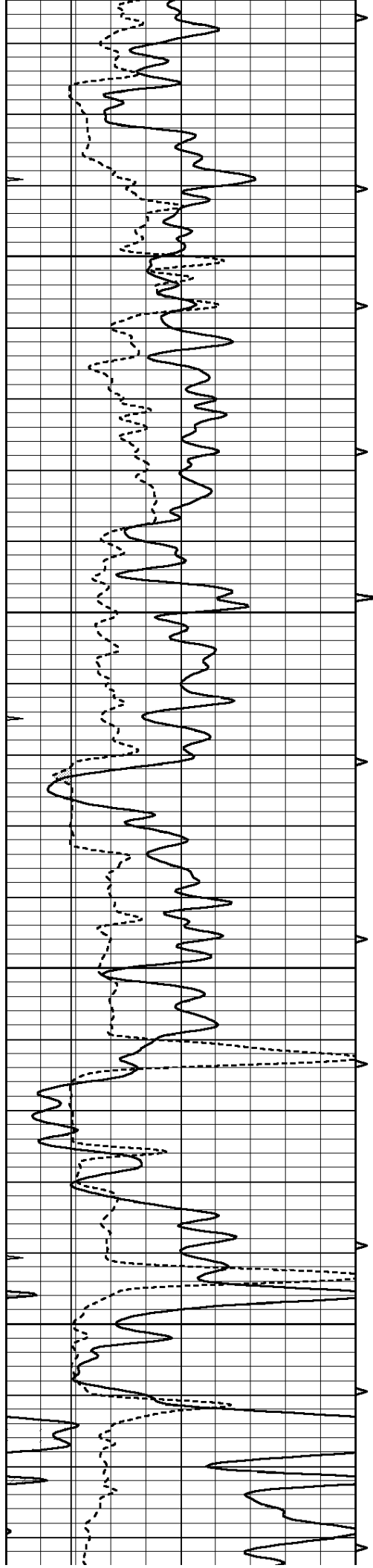
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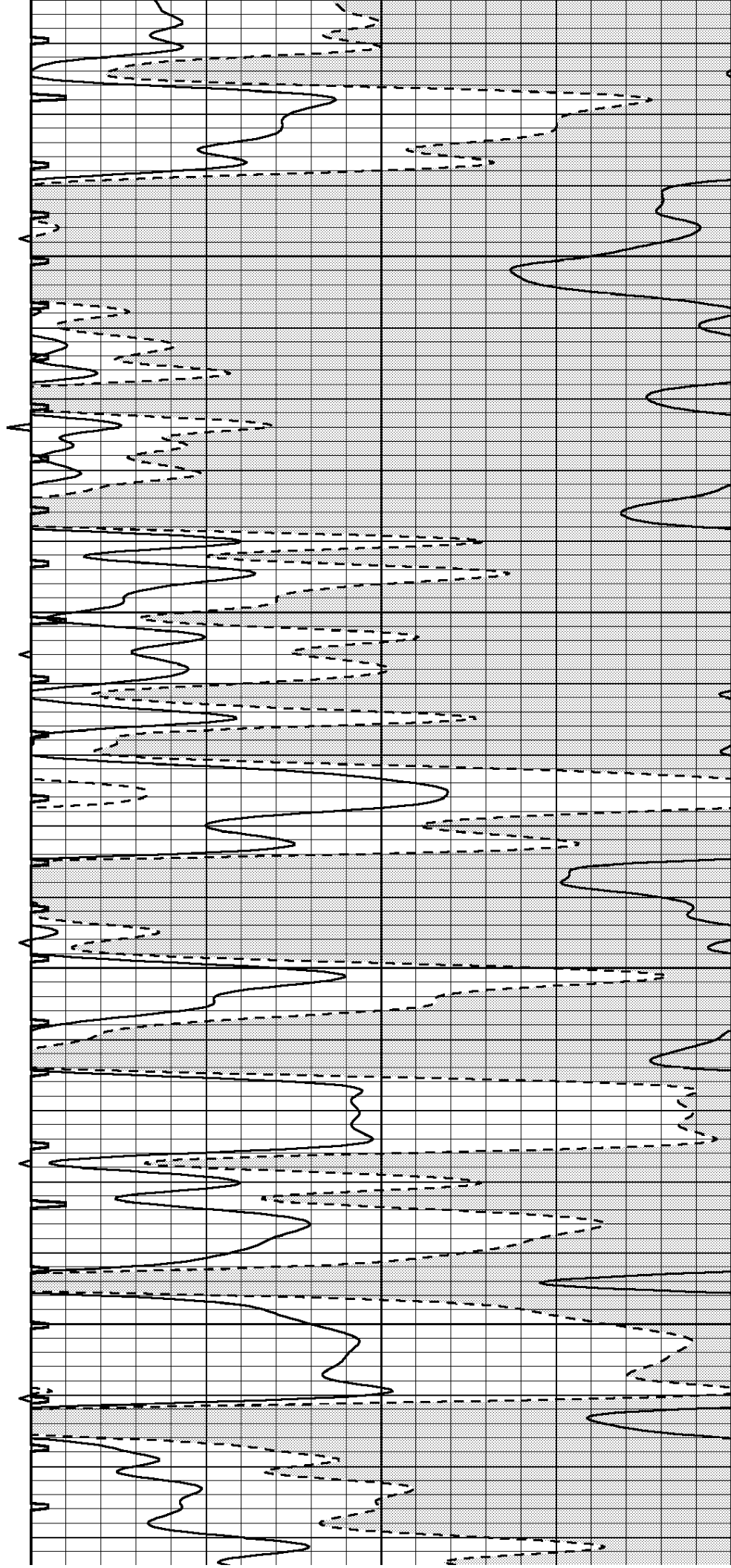


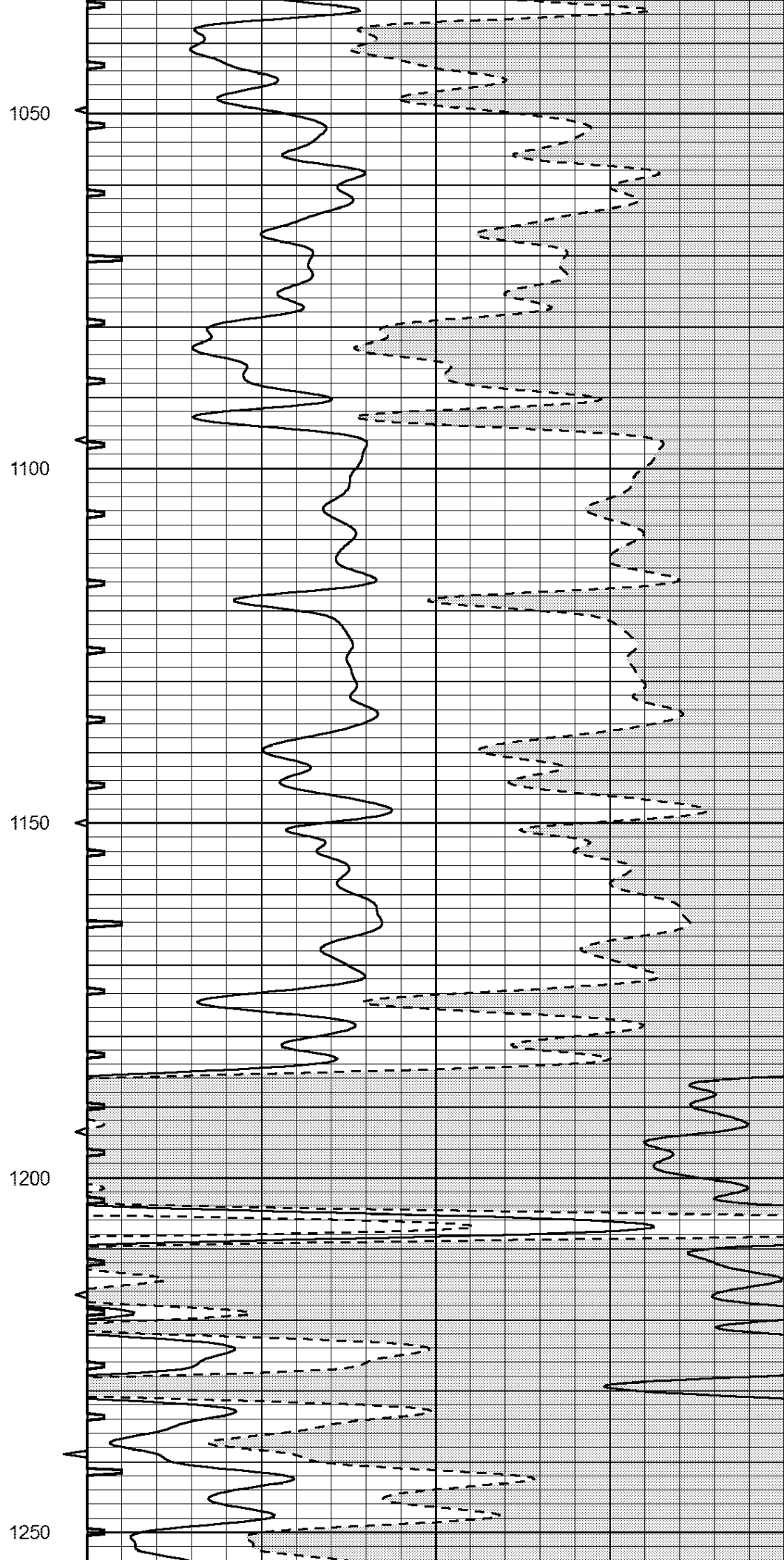
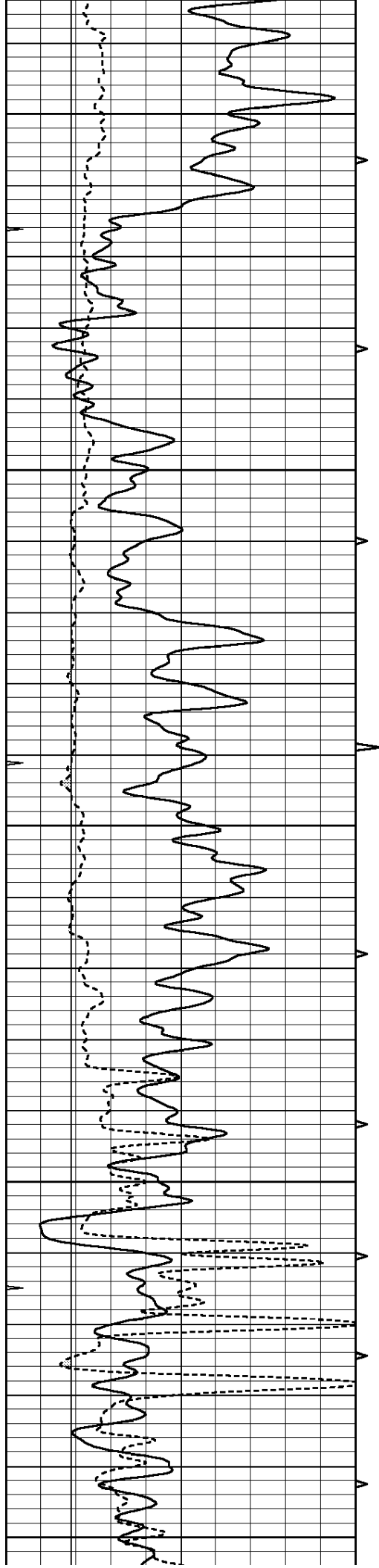
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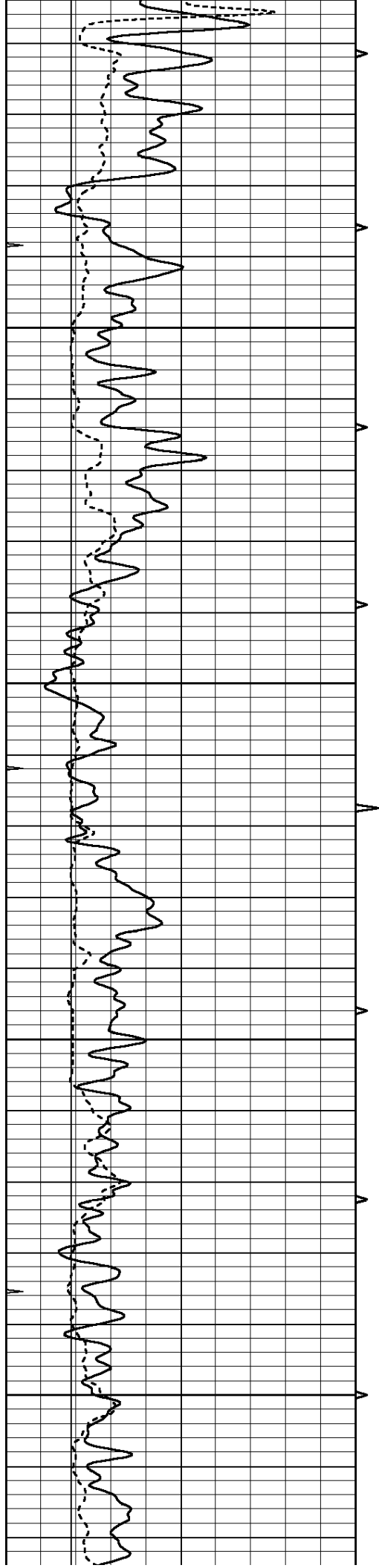
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1000





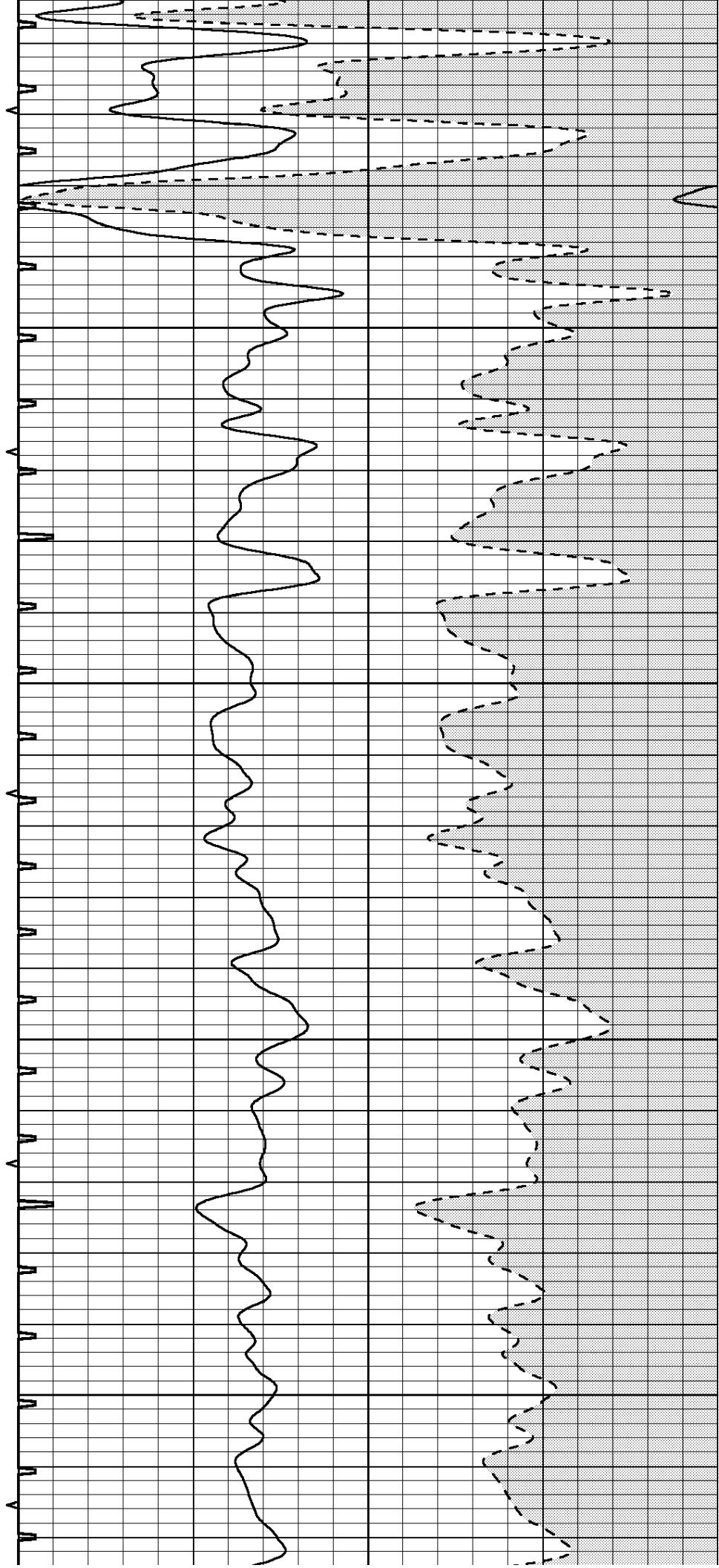


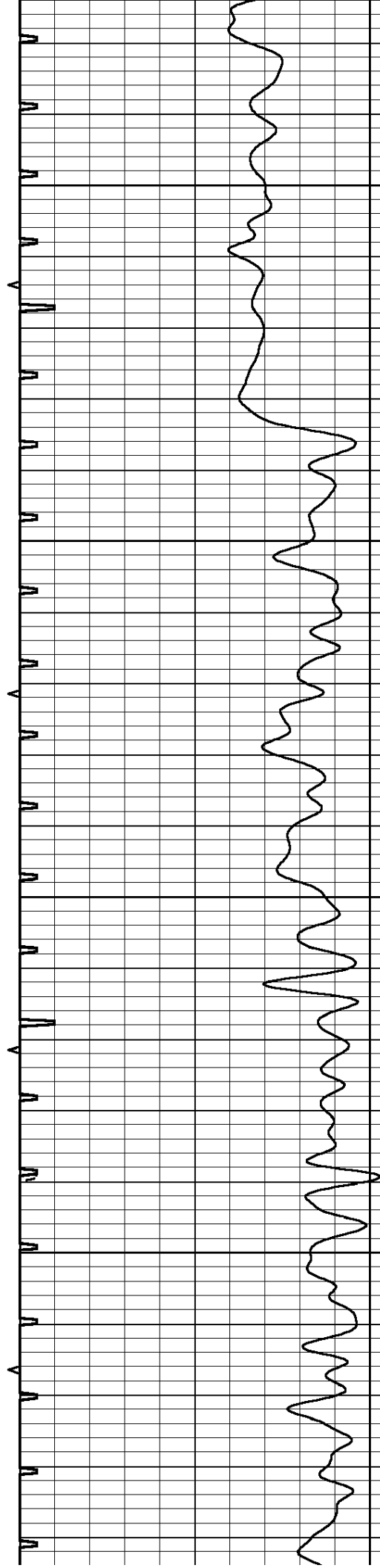
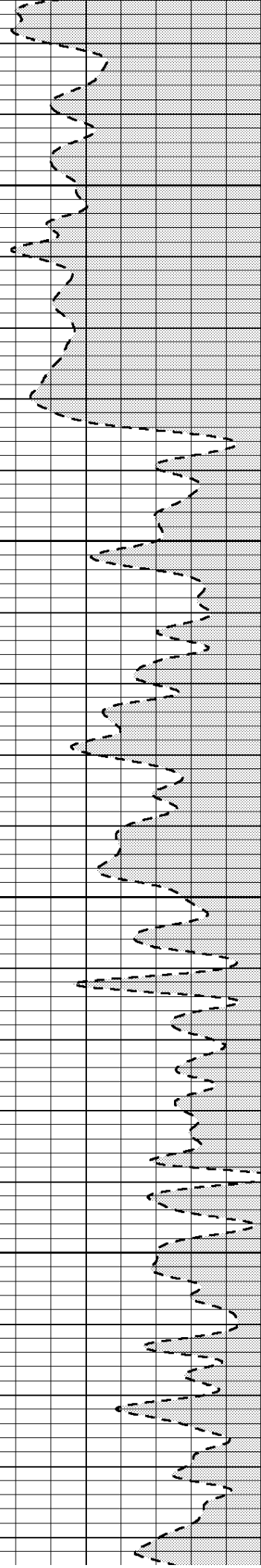
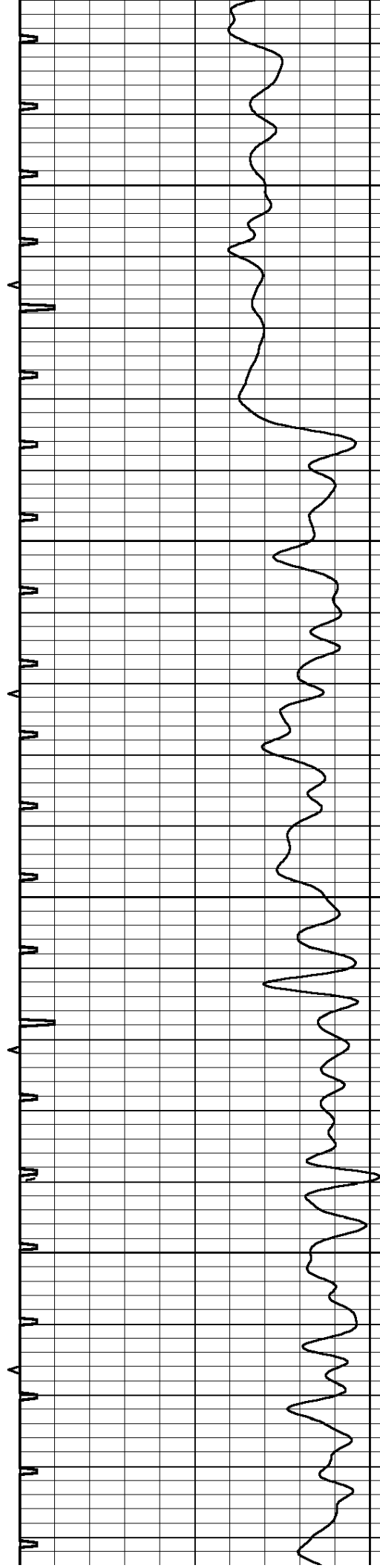
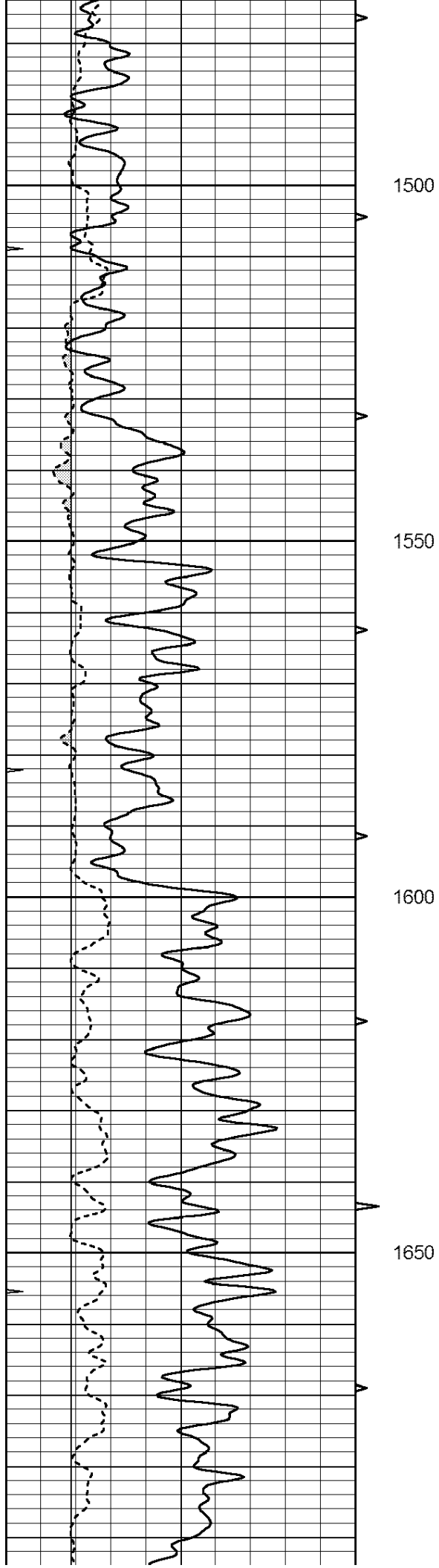
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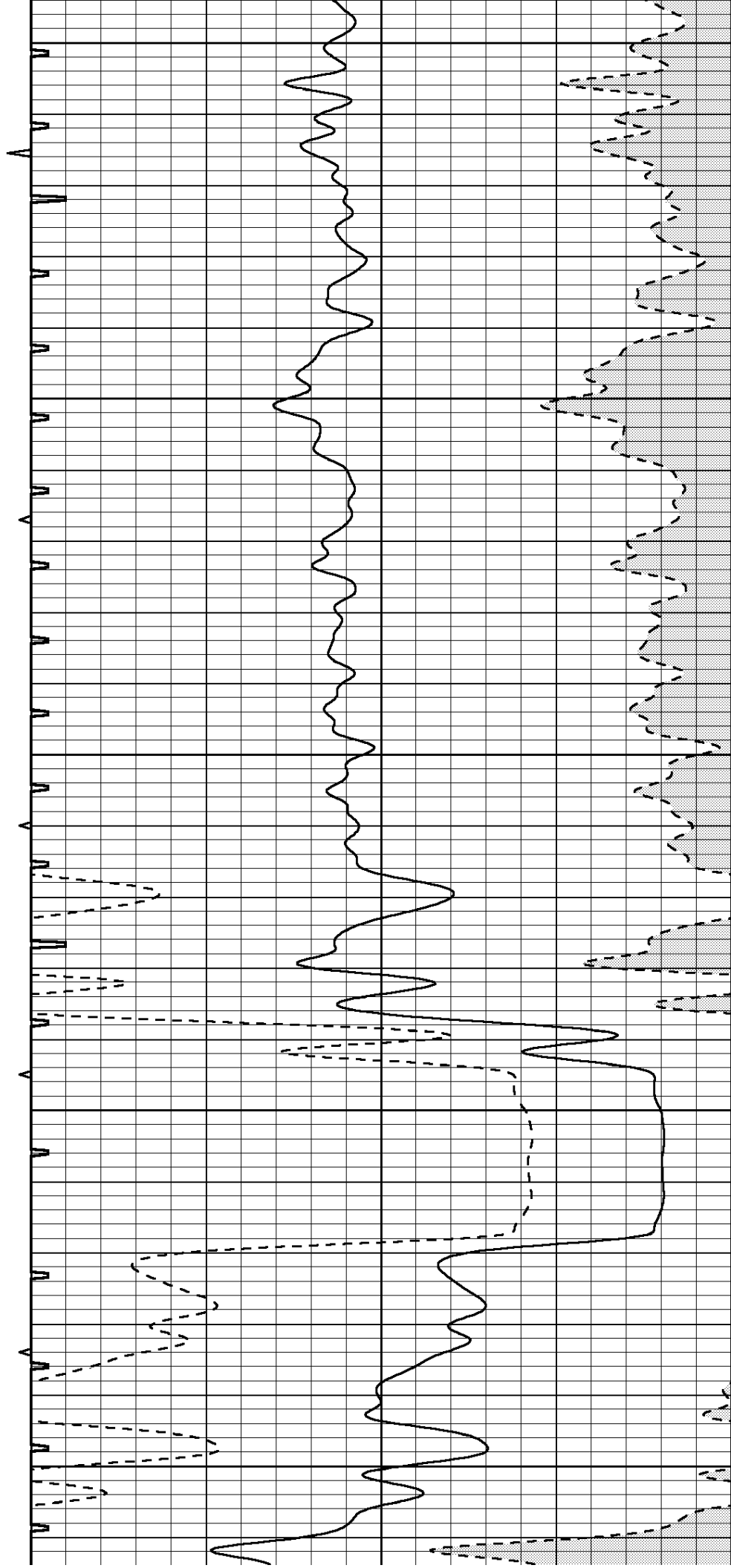
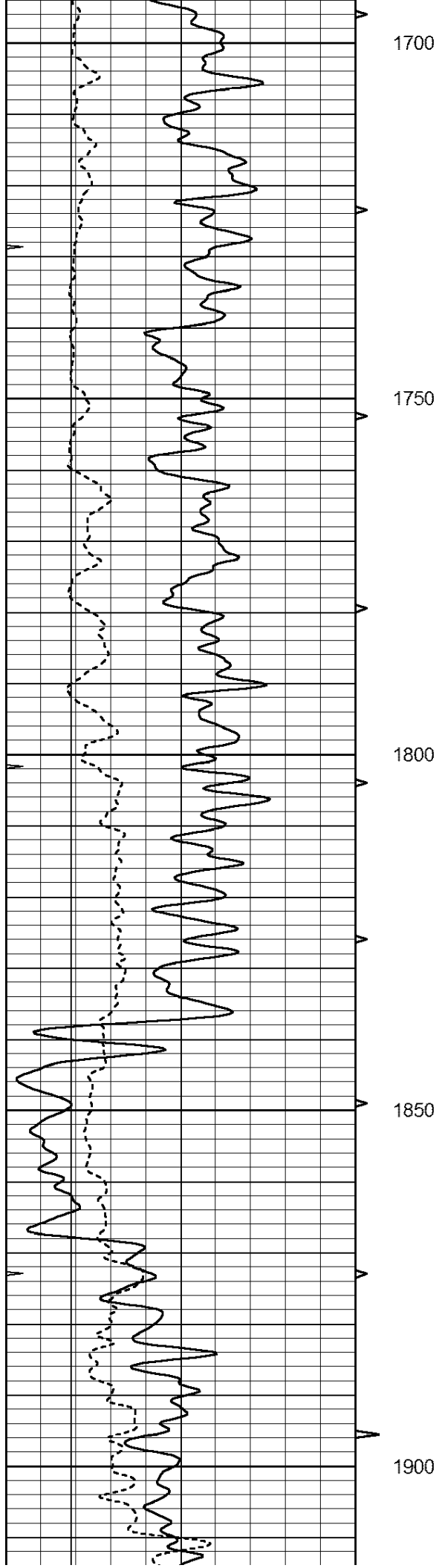
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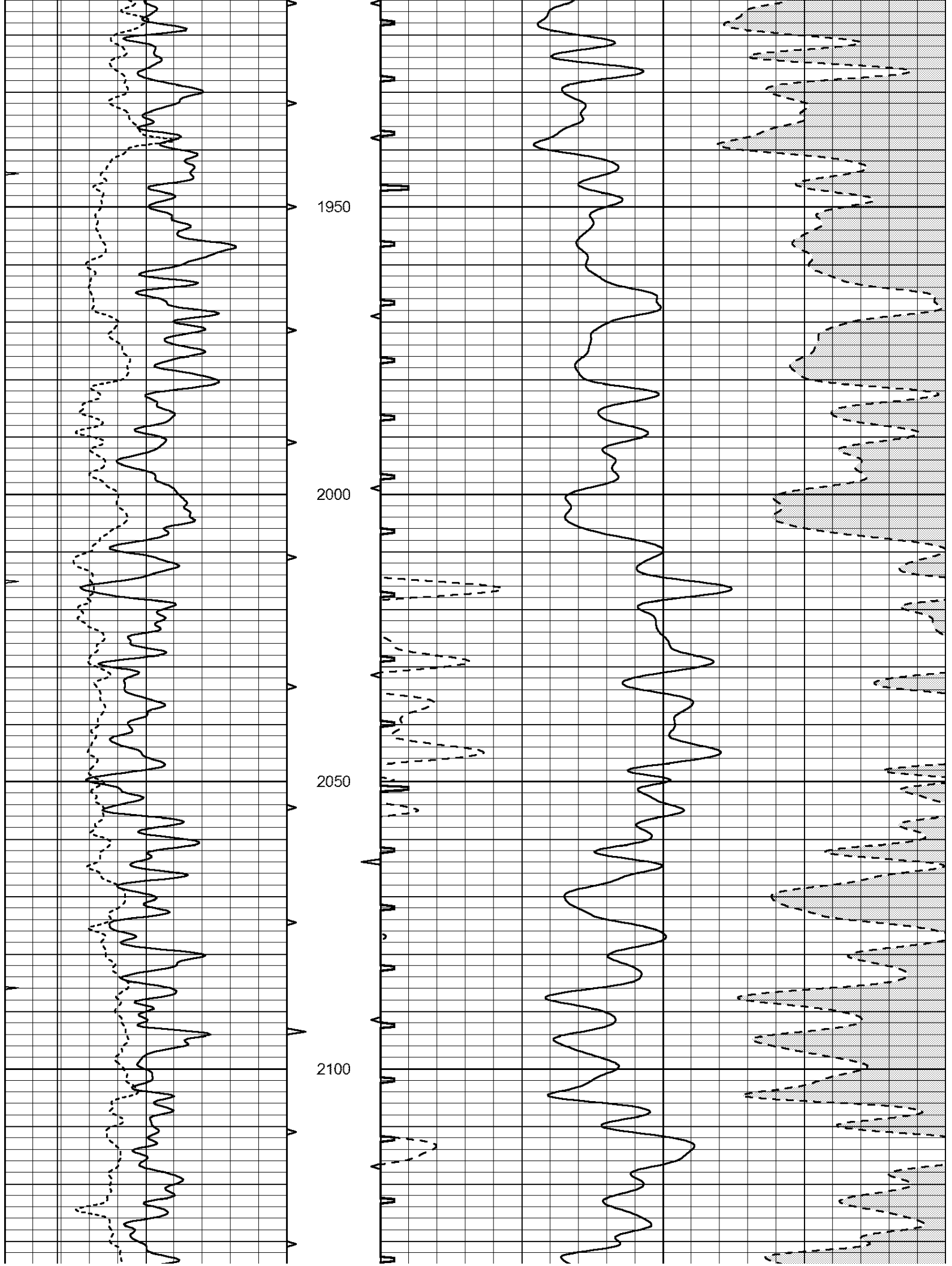
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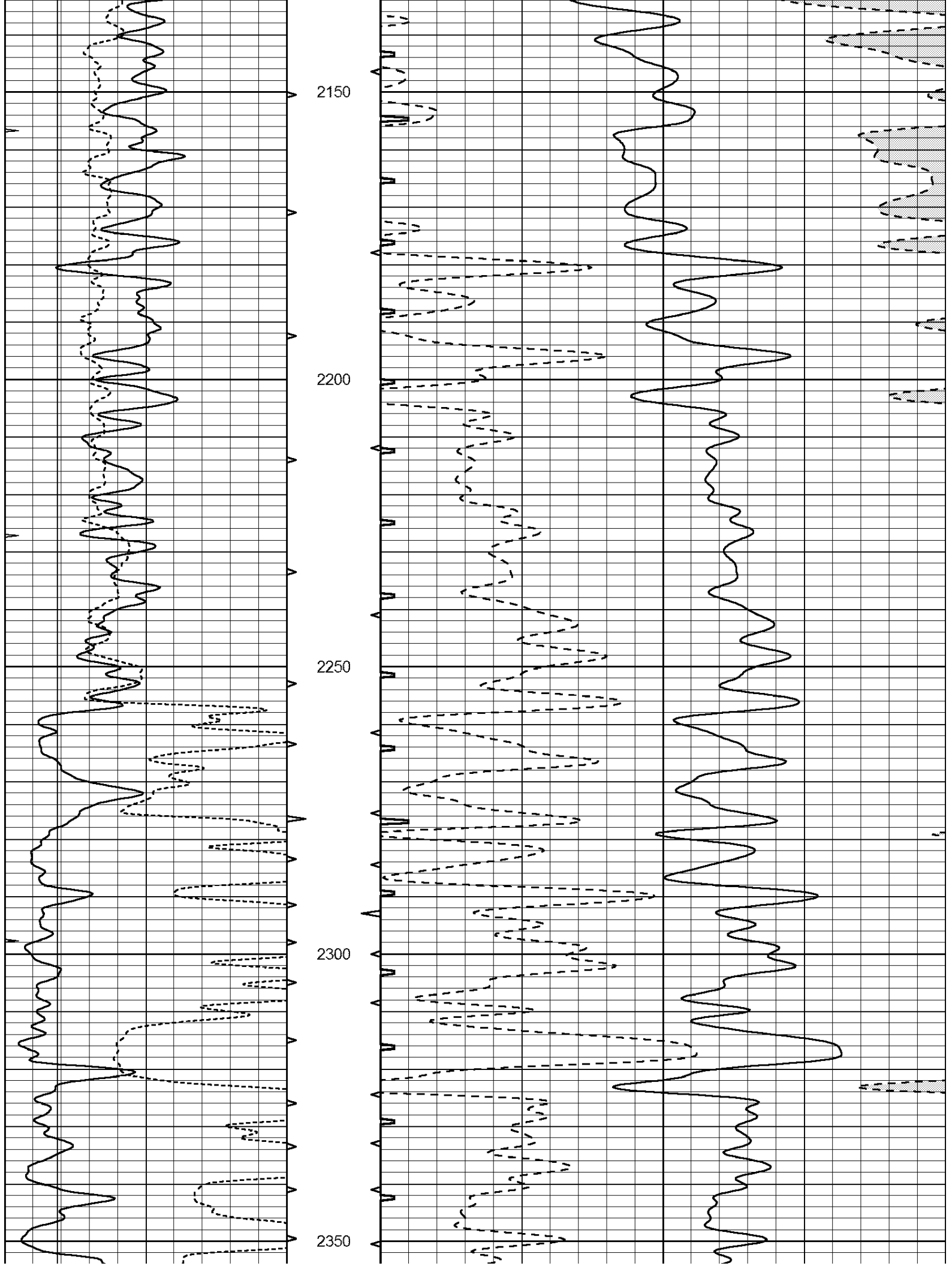
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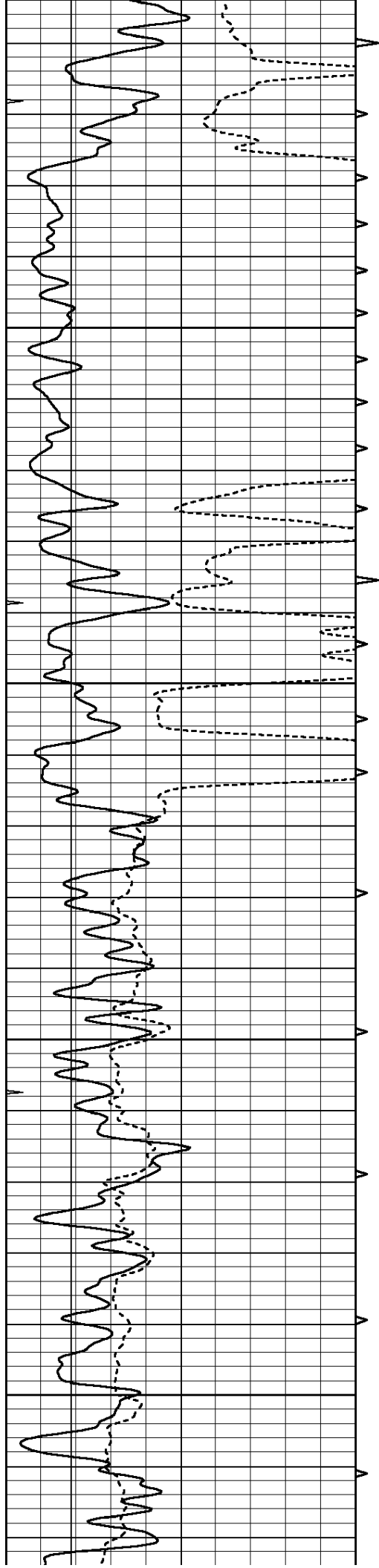










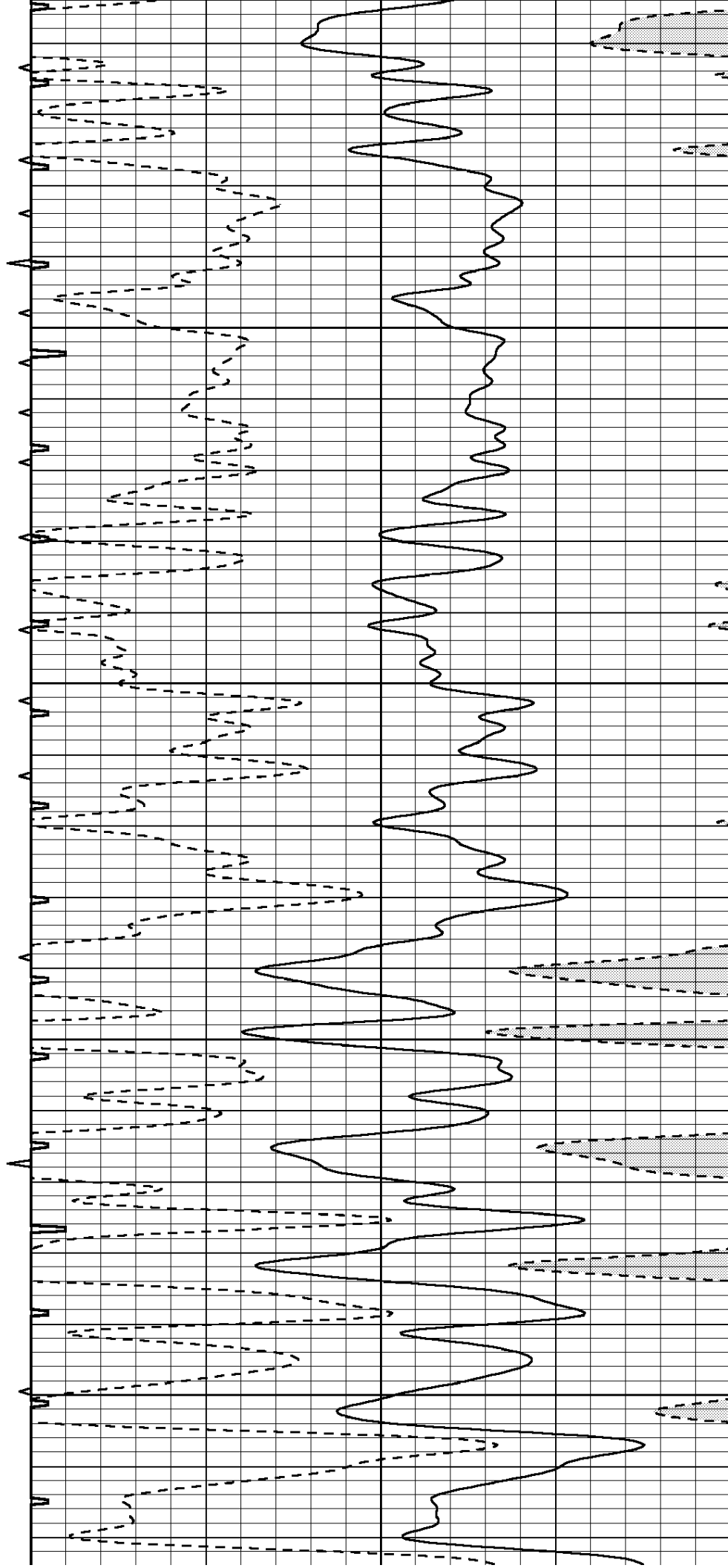


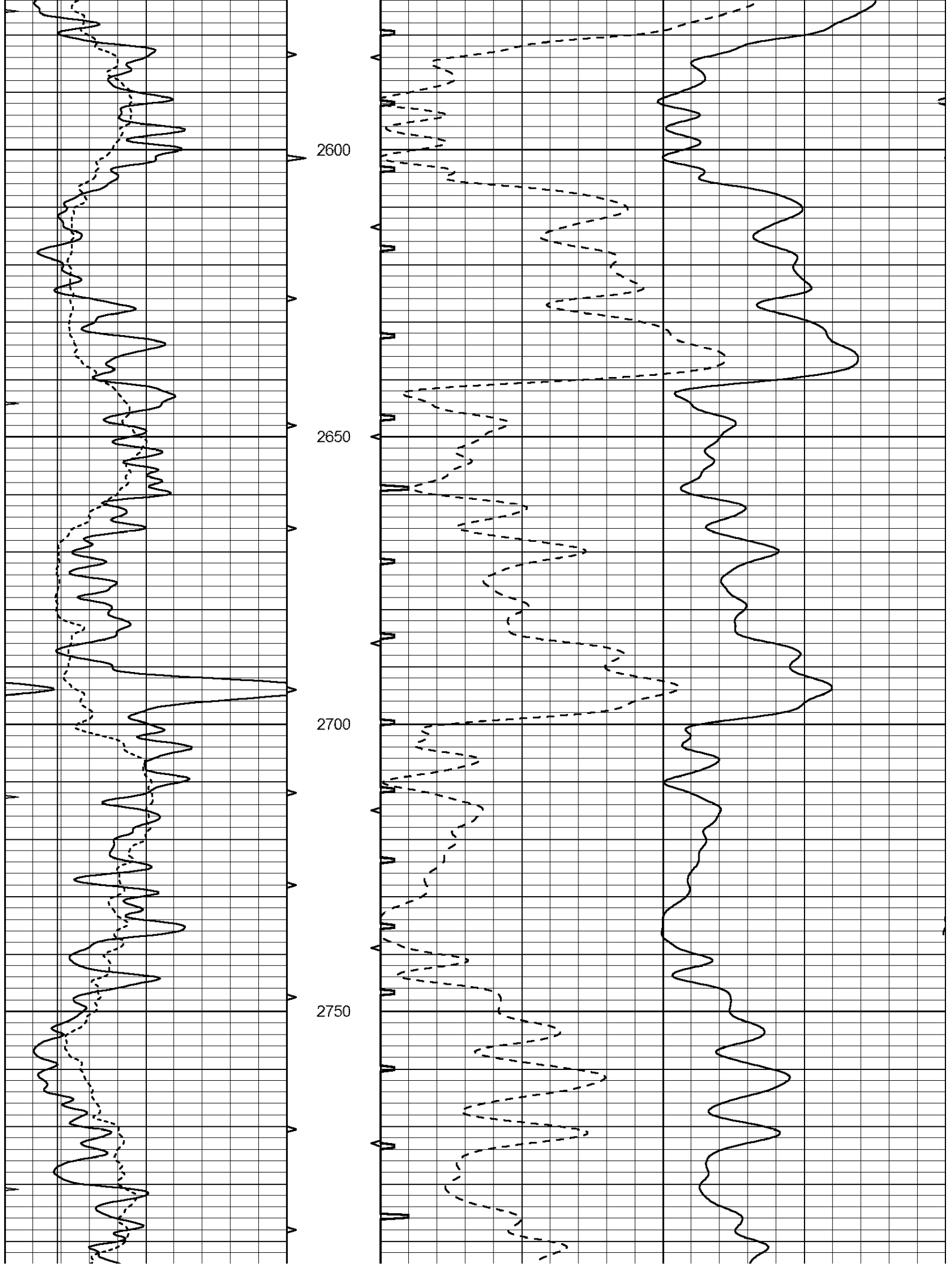
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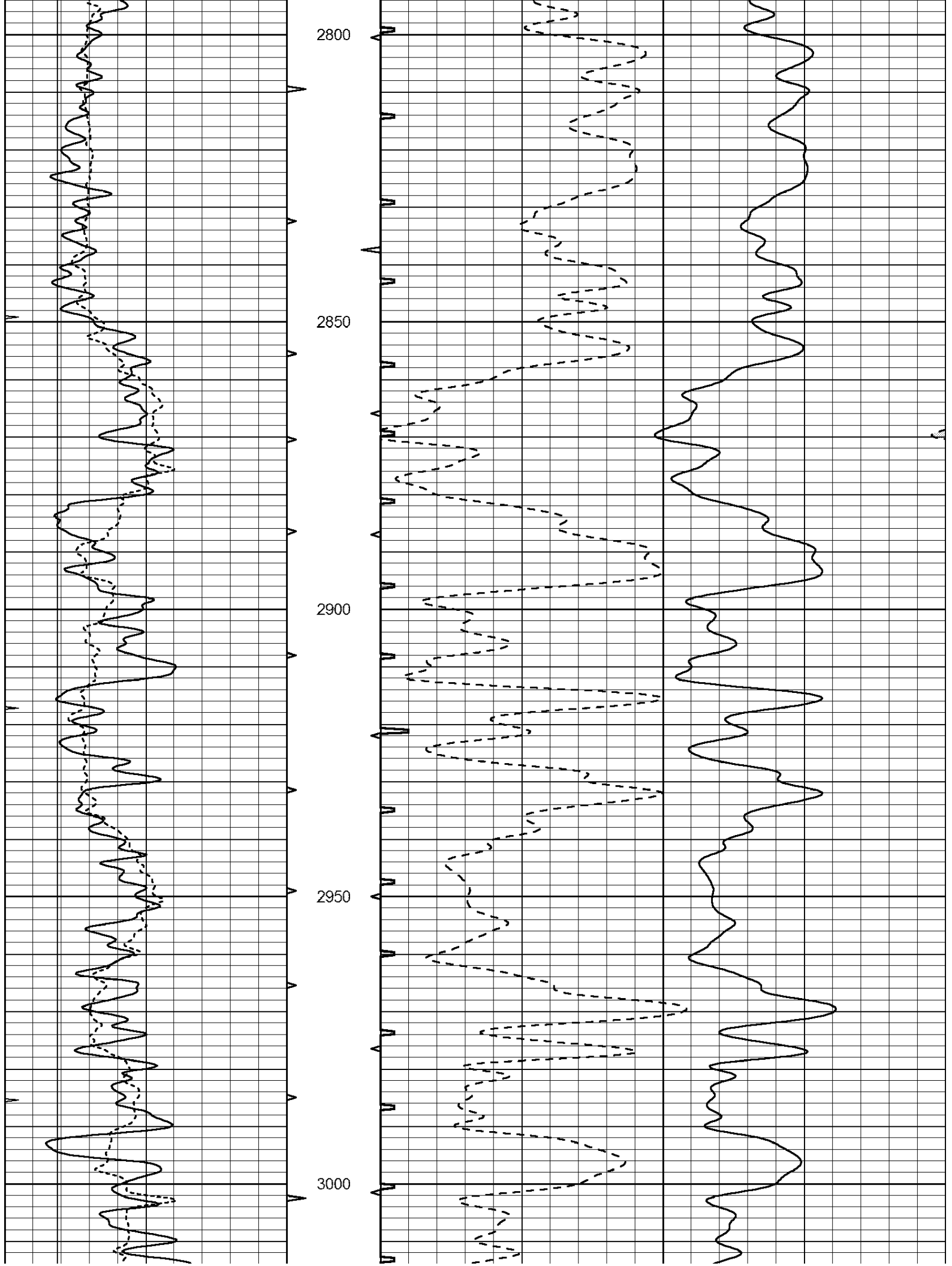
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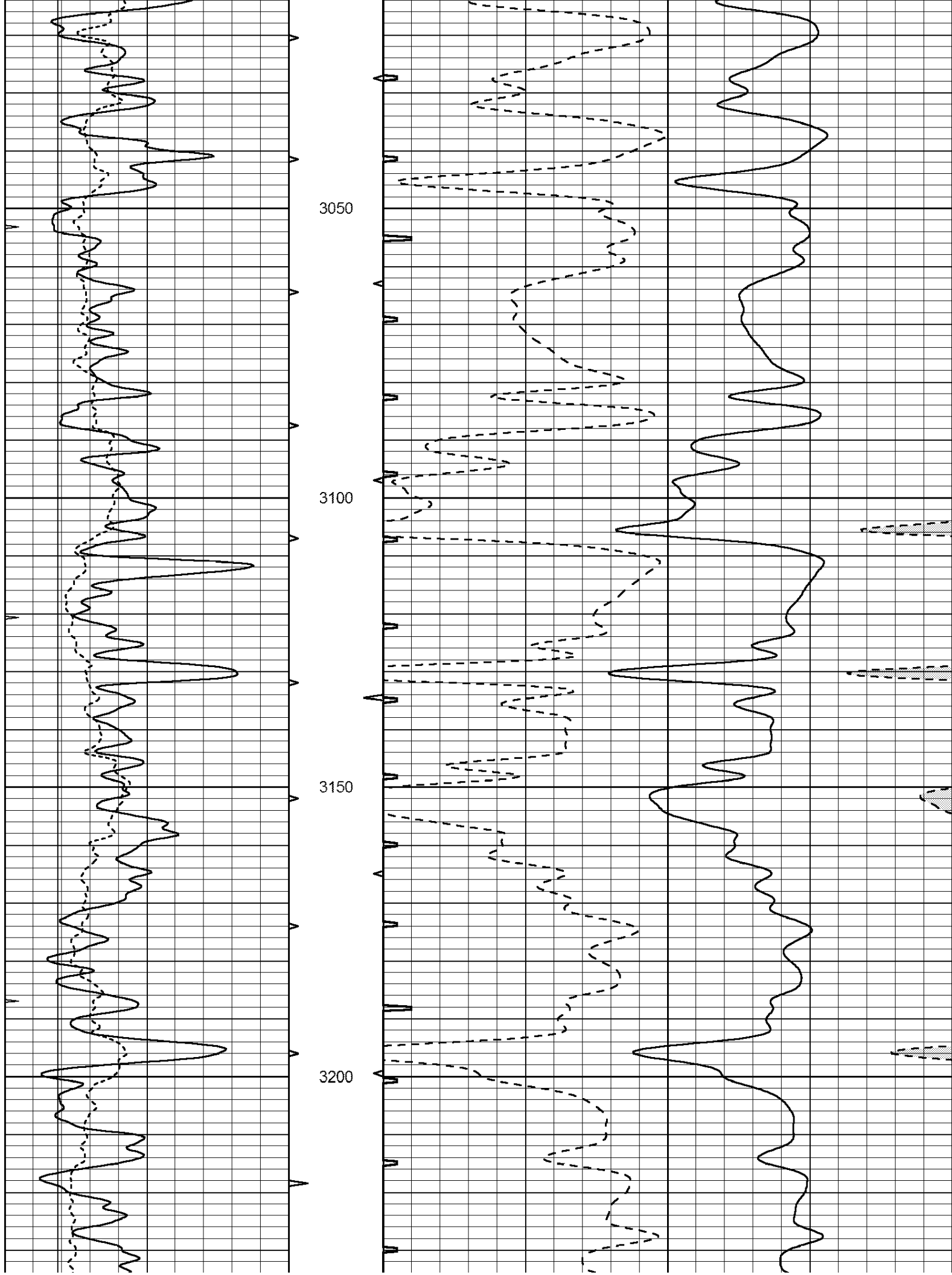
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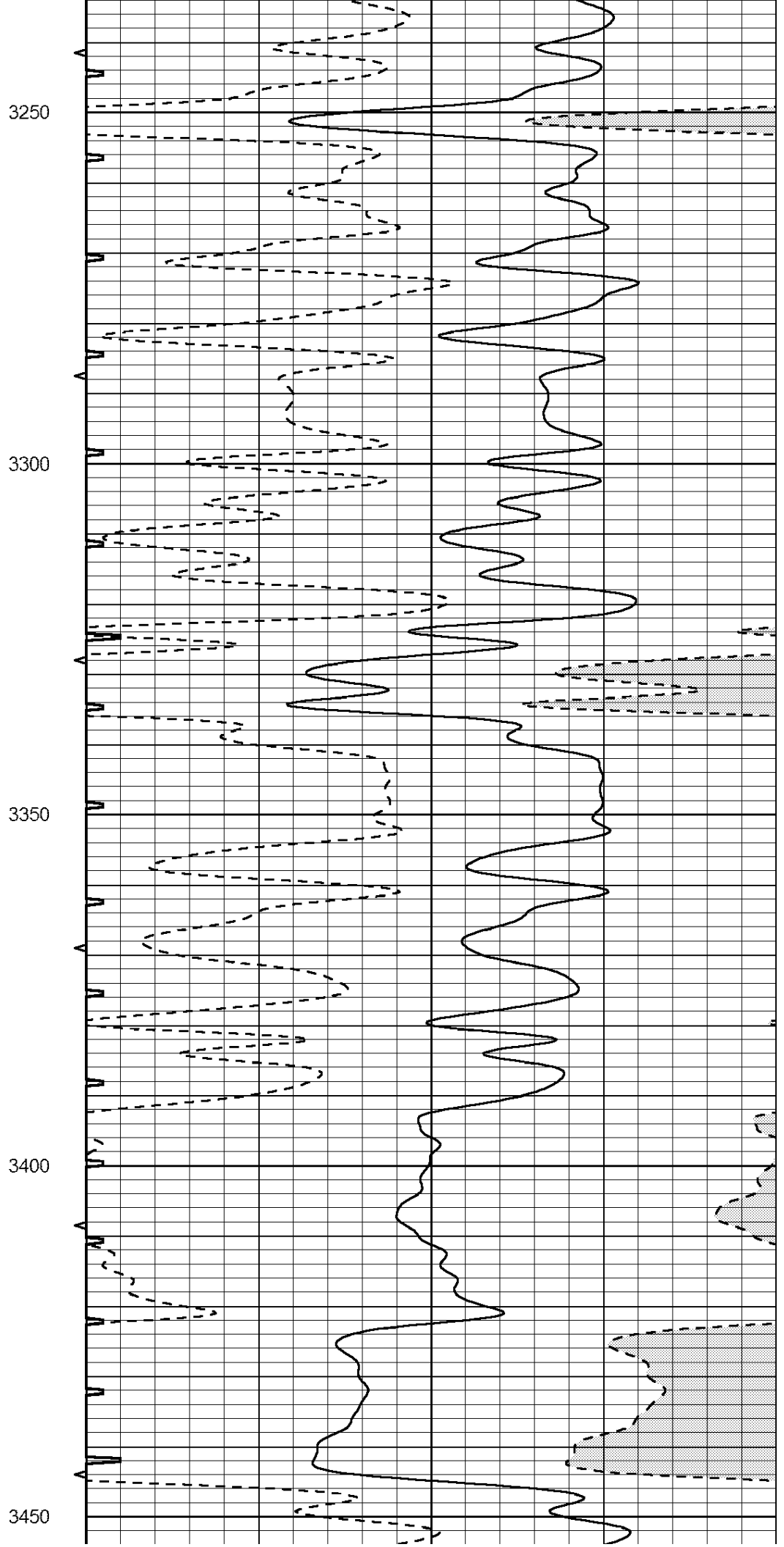
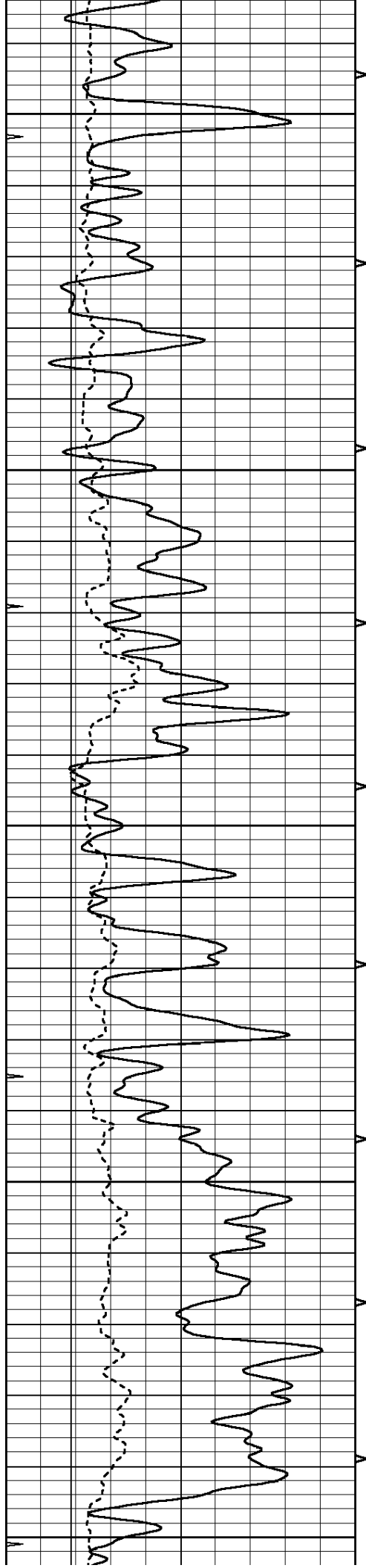
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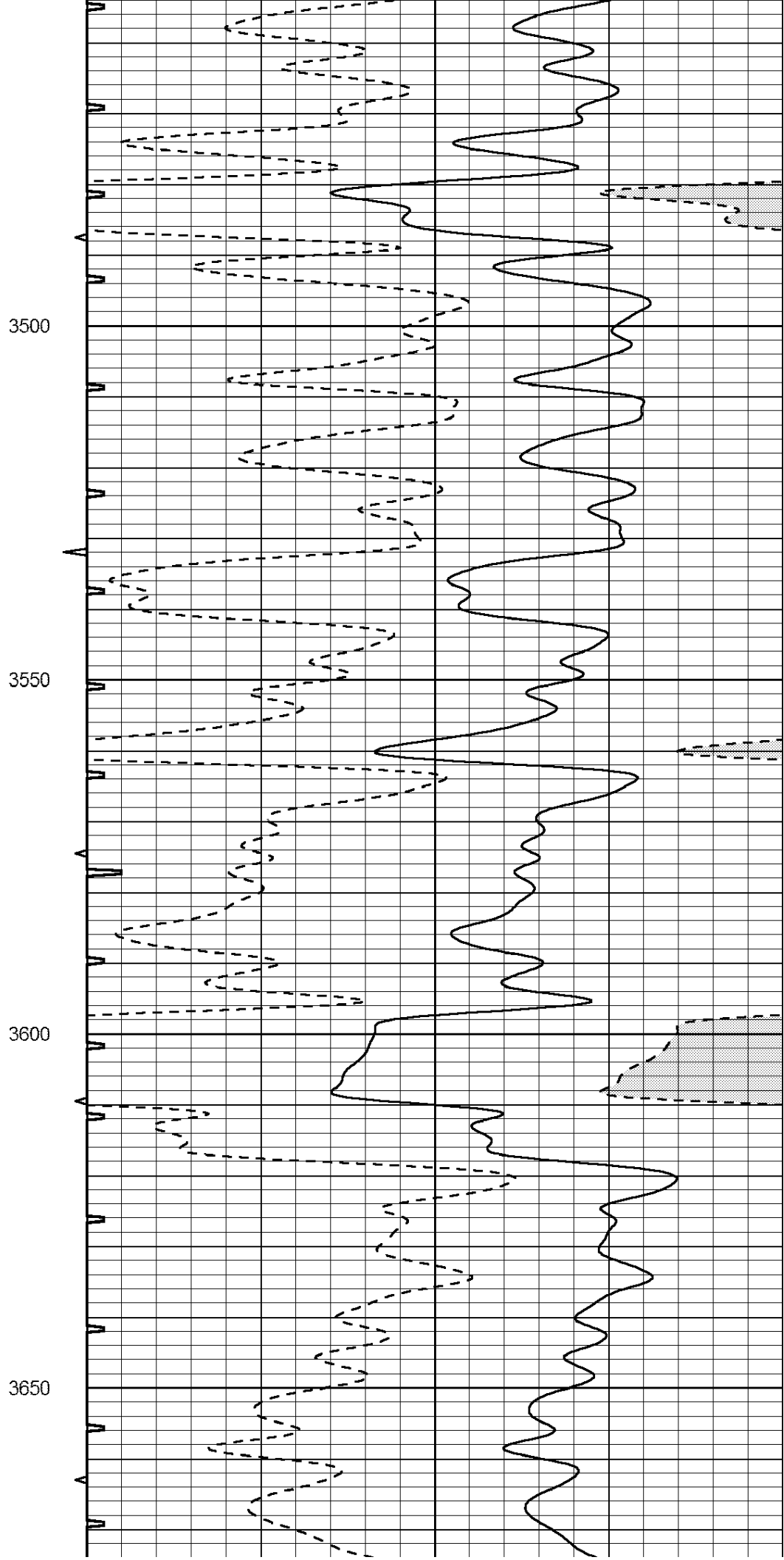
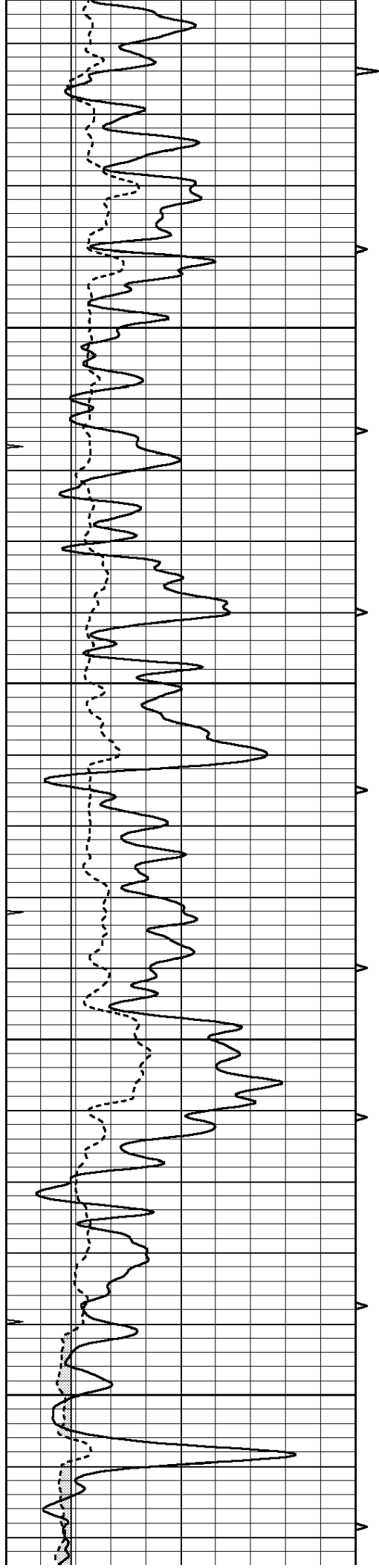


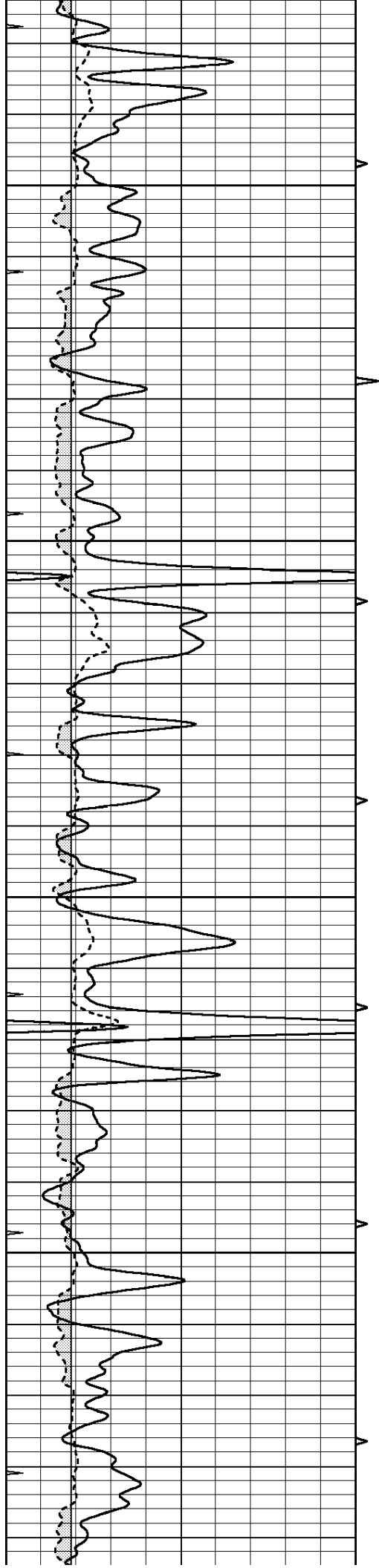










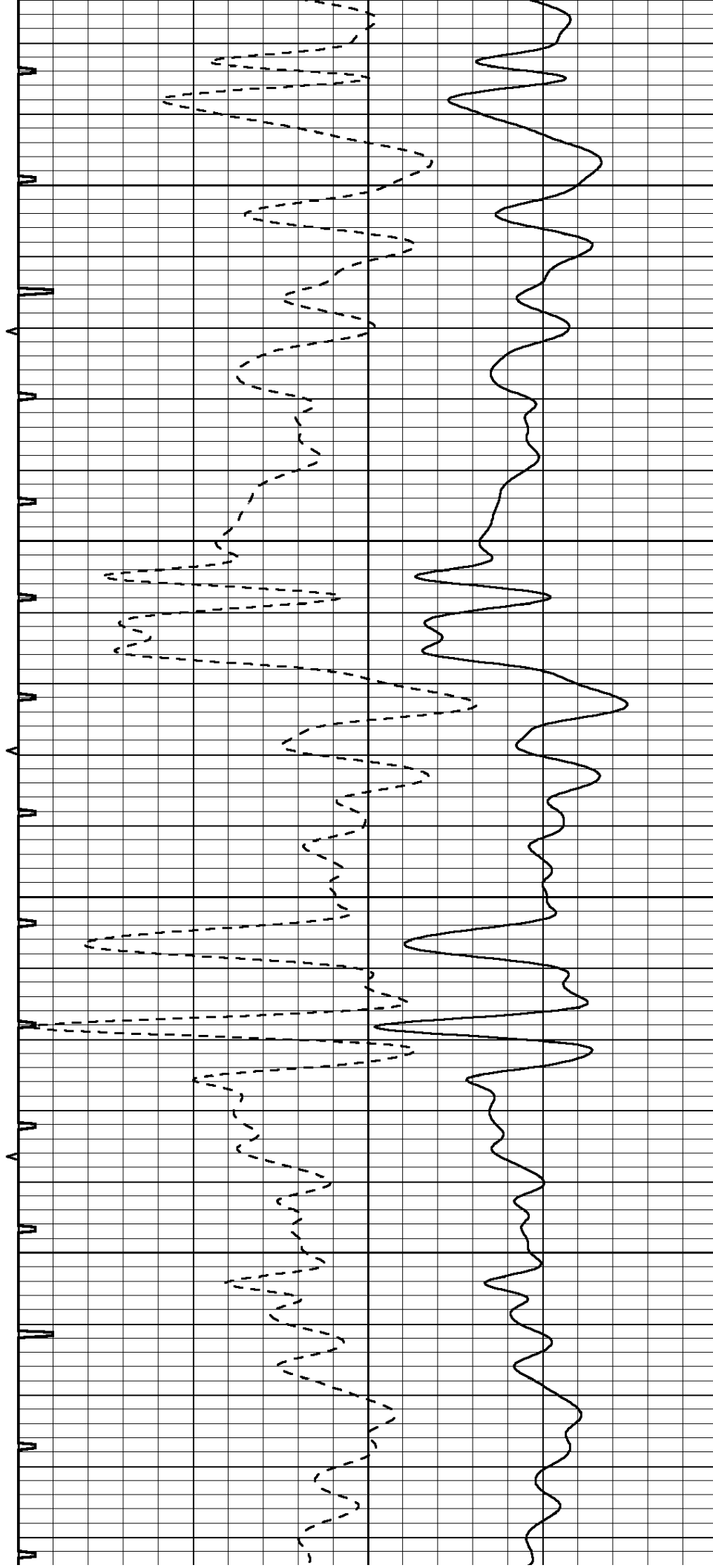


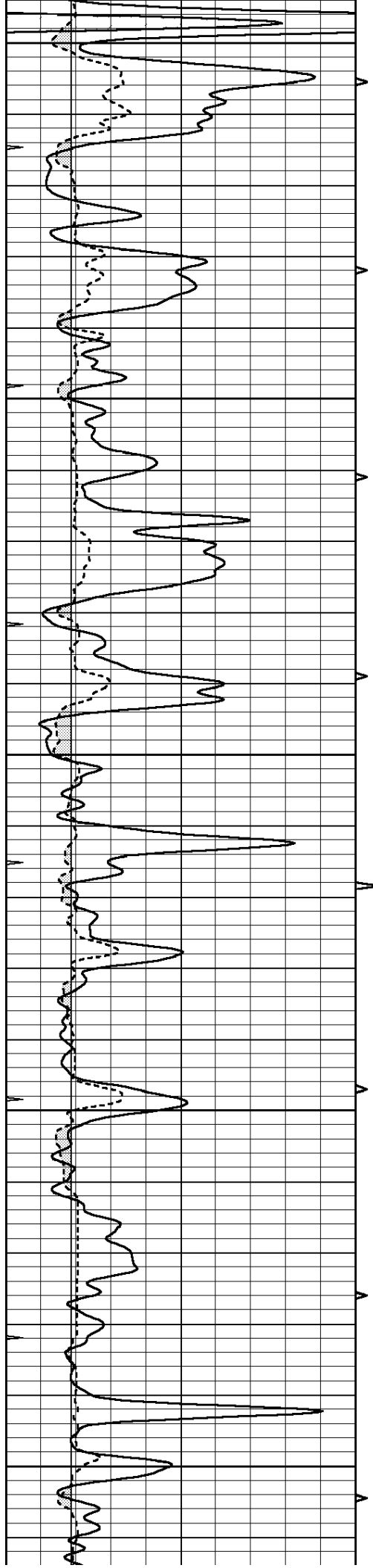
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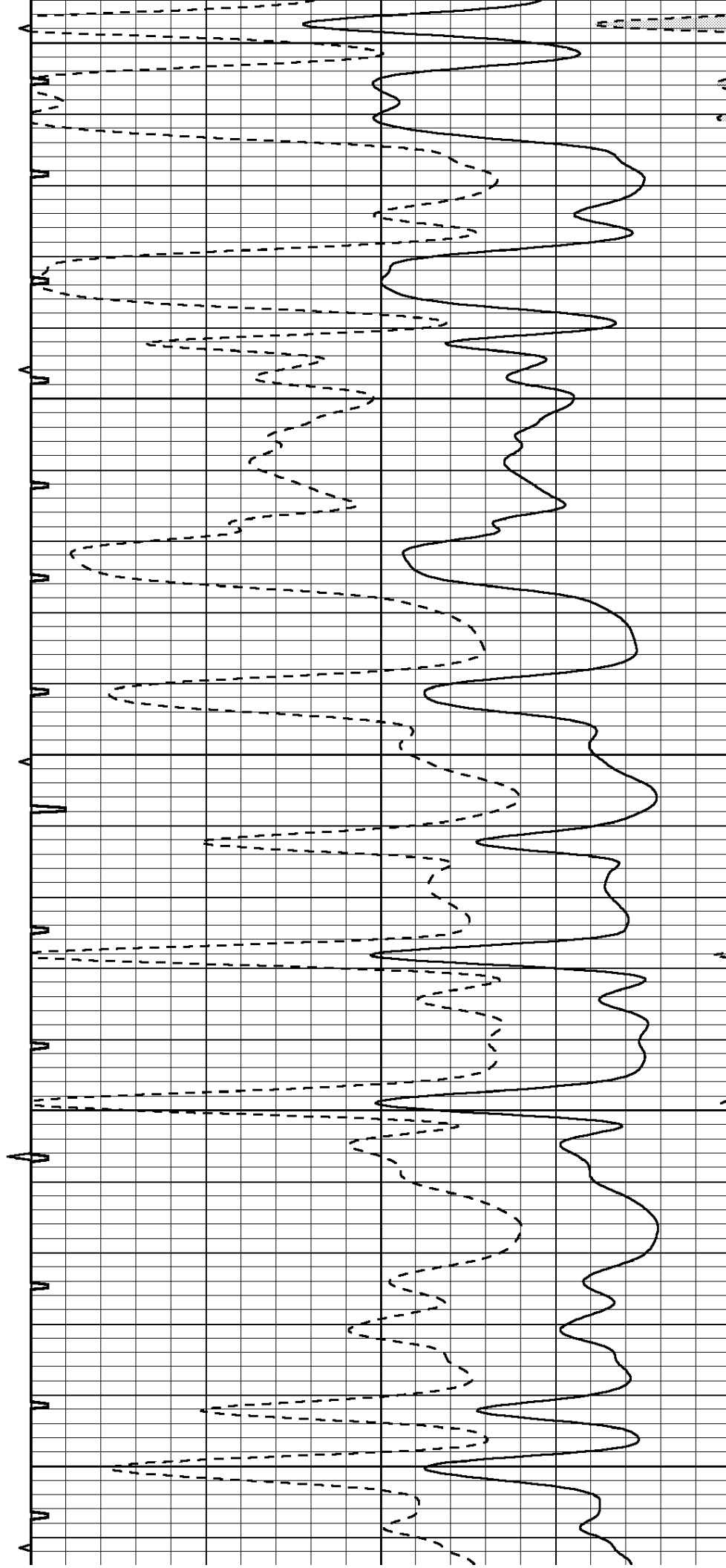
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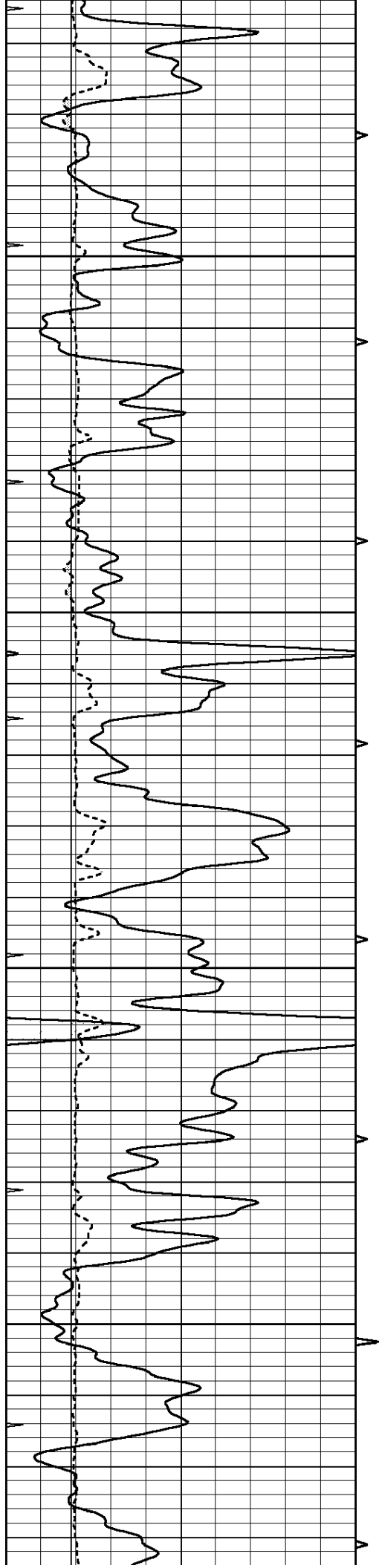
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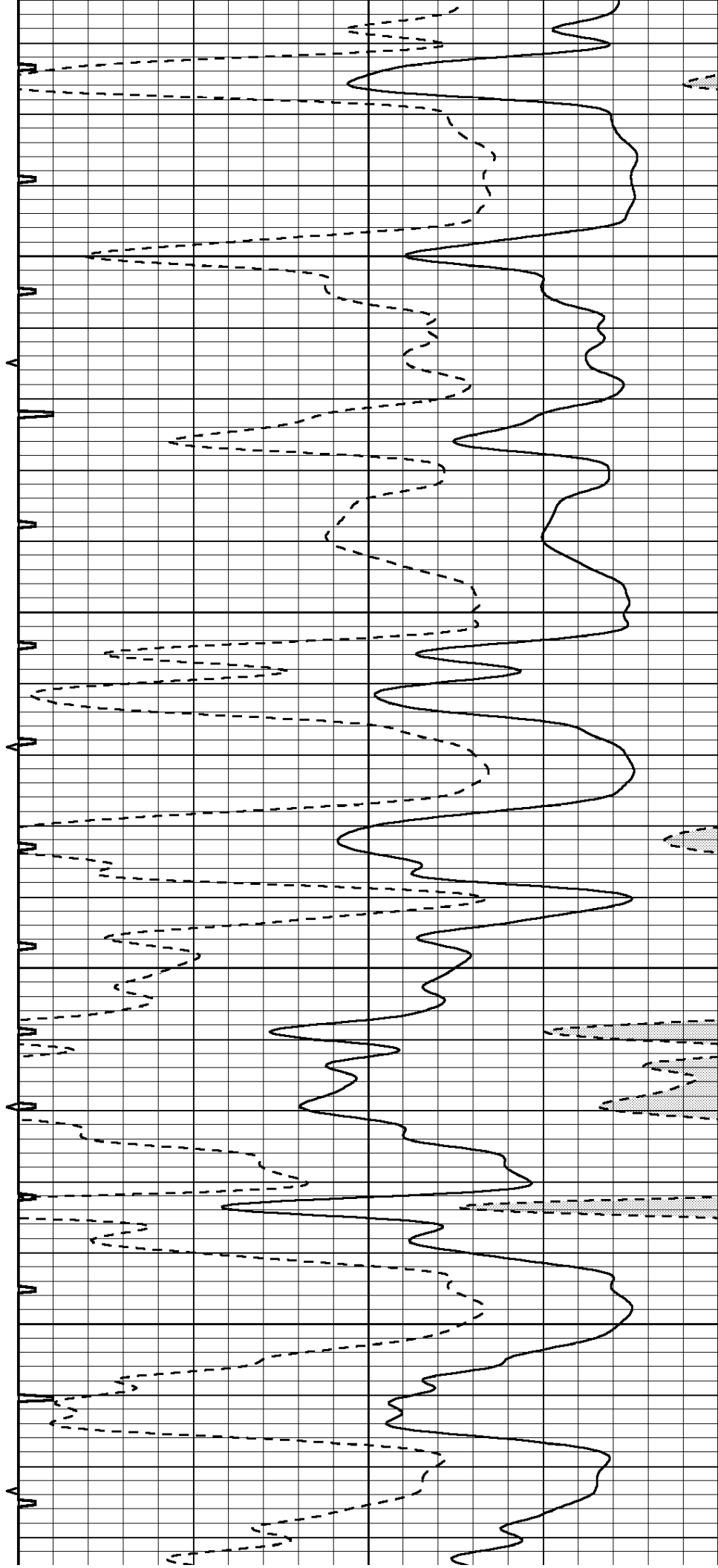


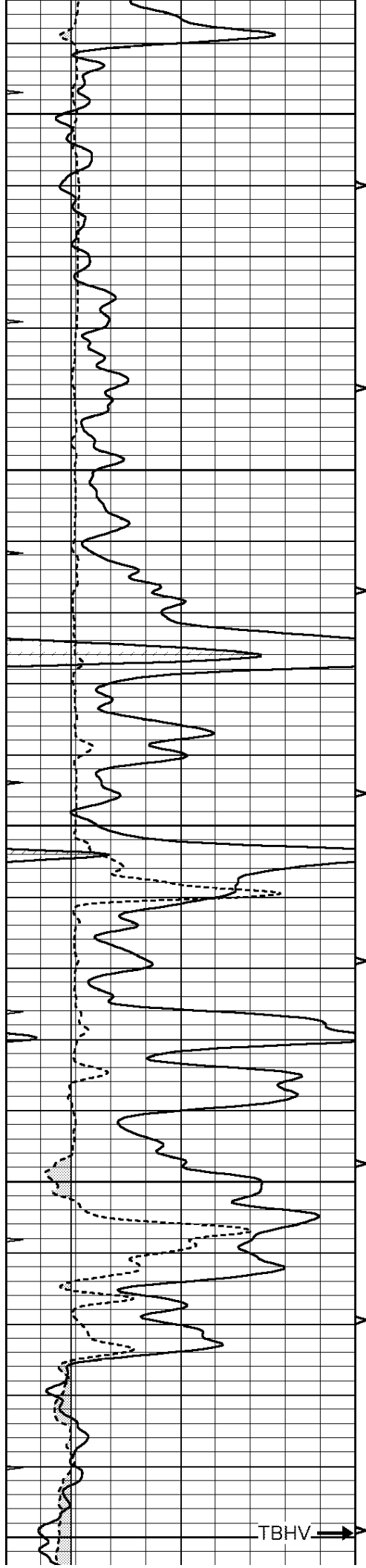
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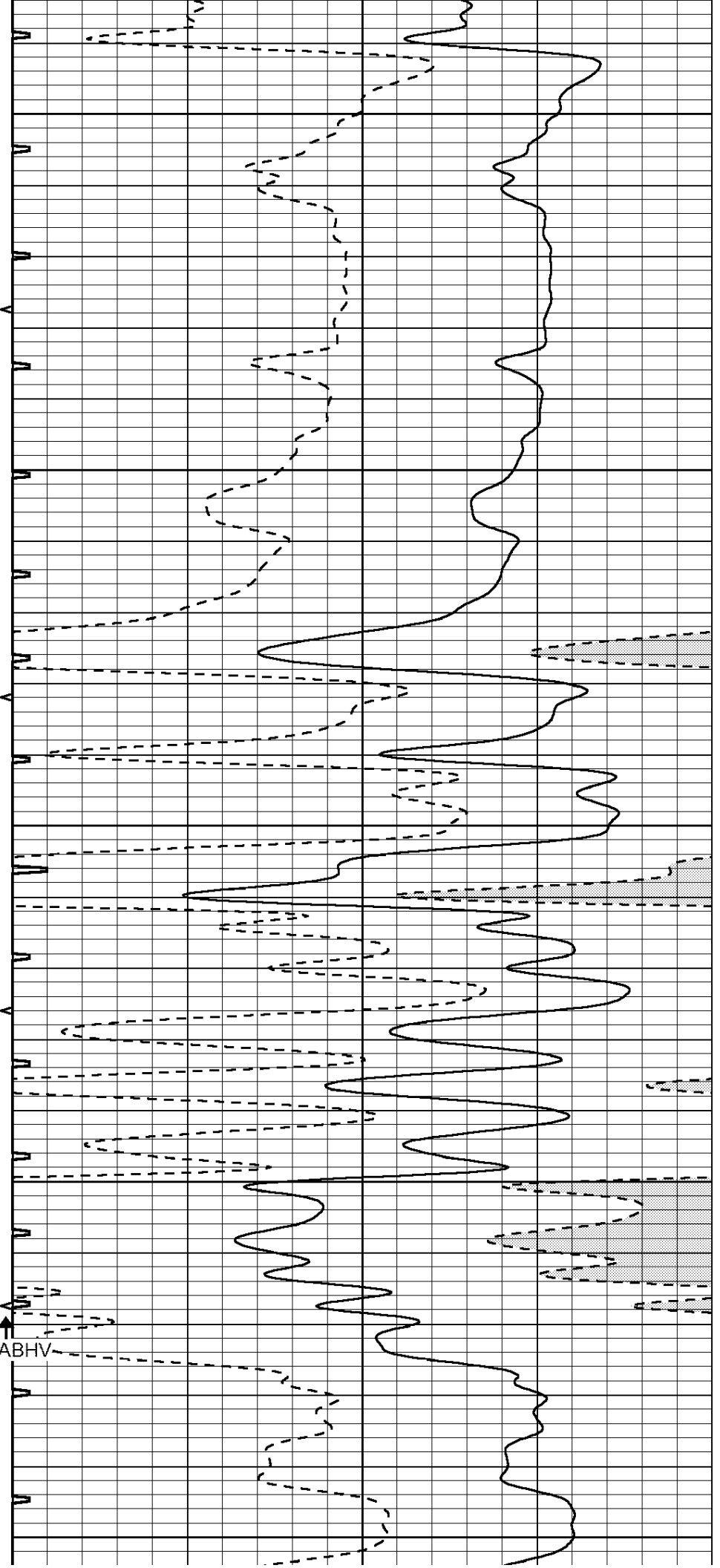
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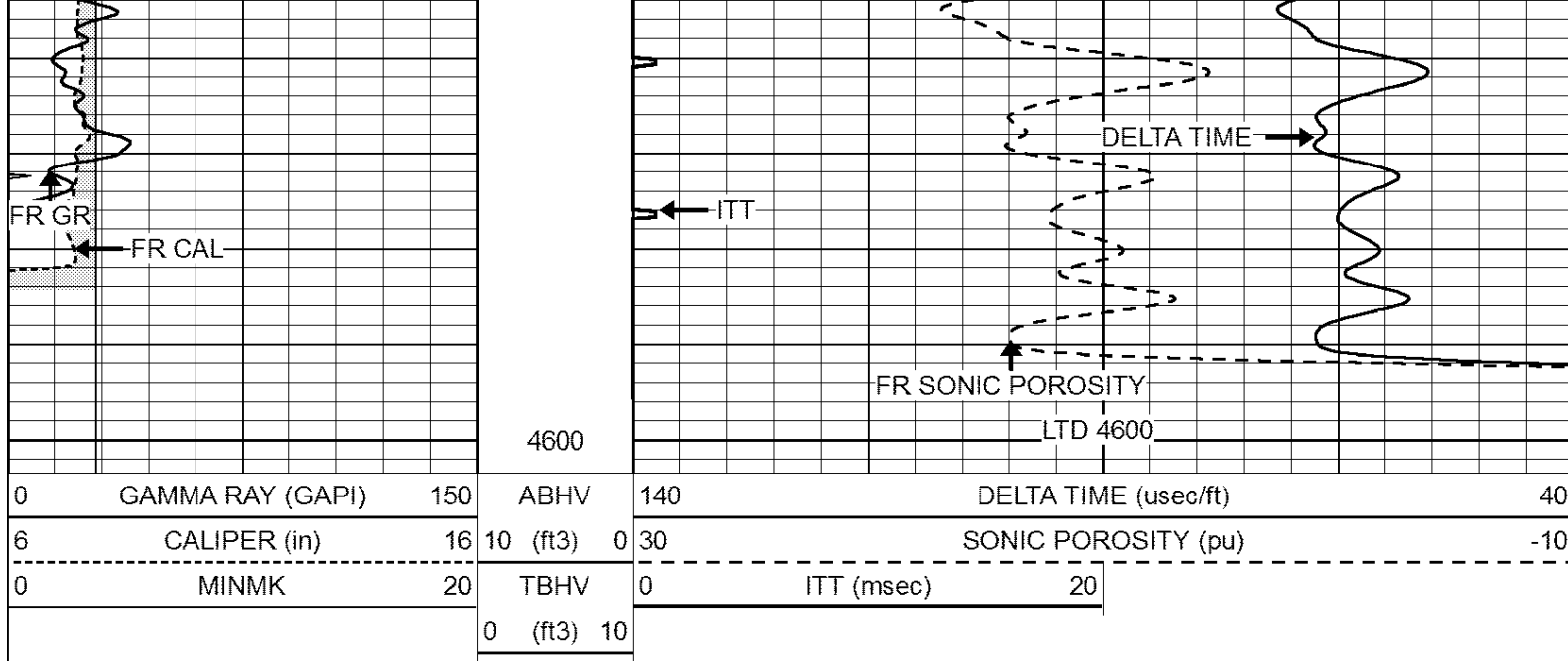
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TBHV →

5.5" ABHV

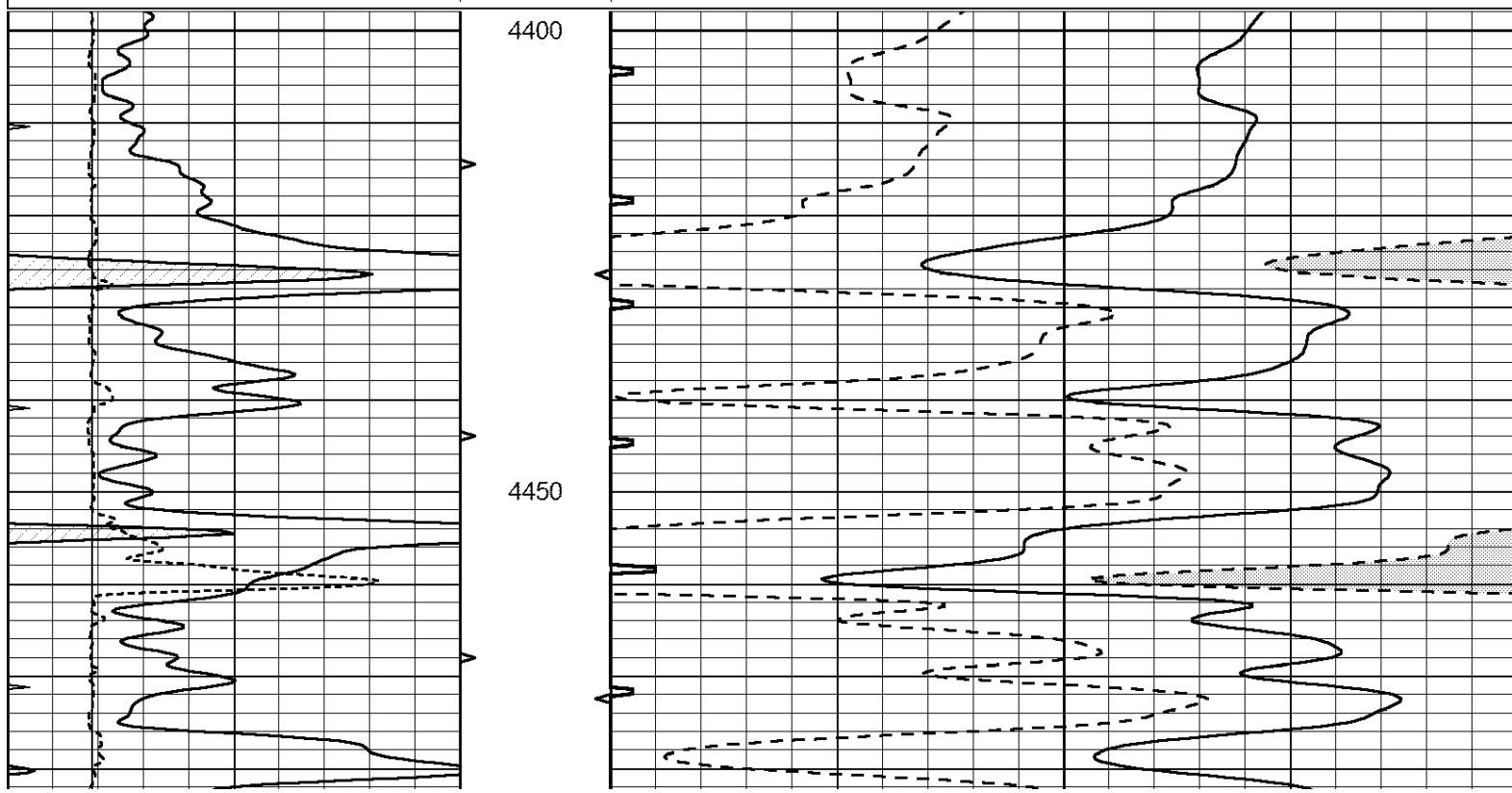
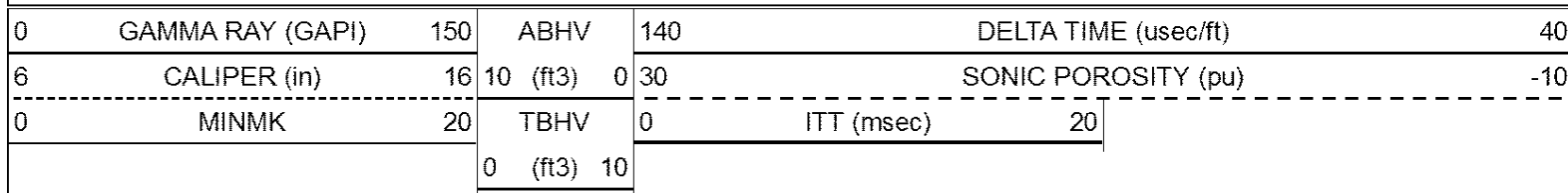


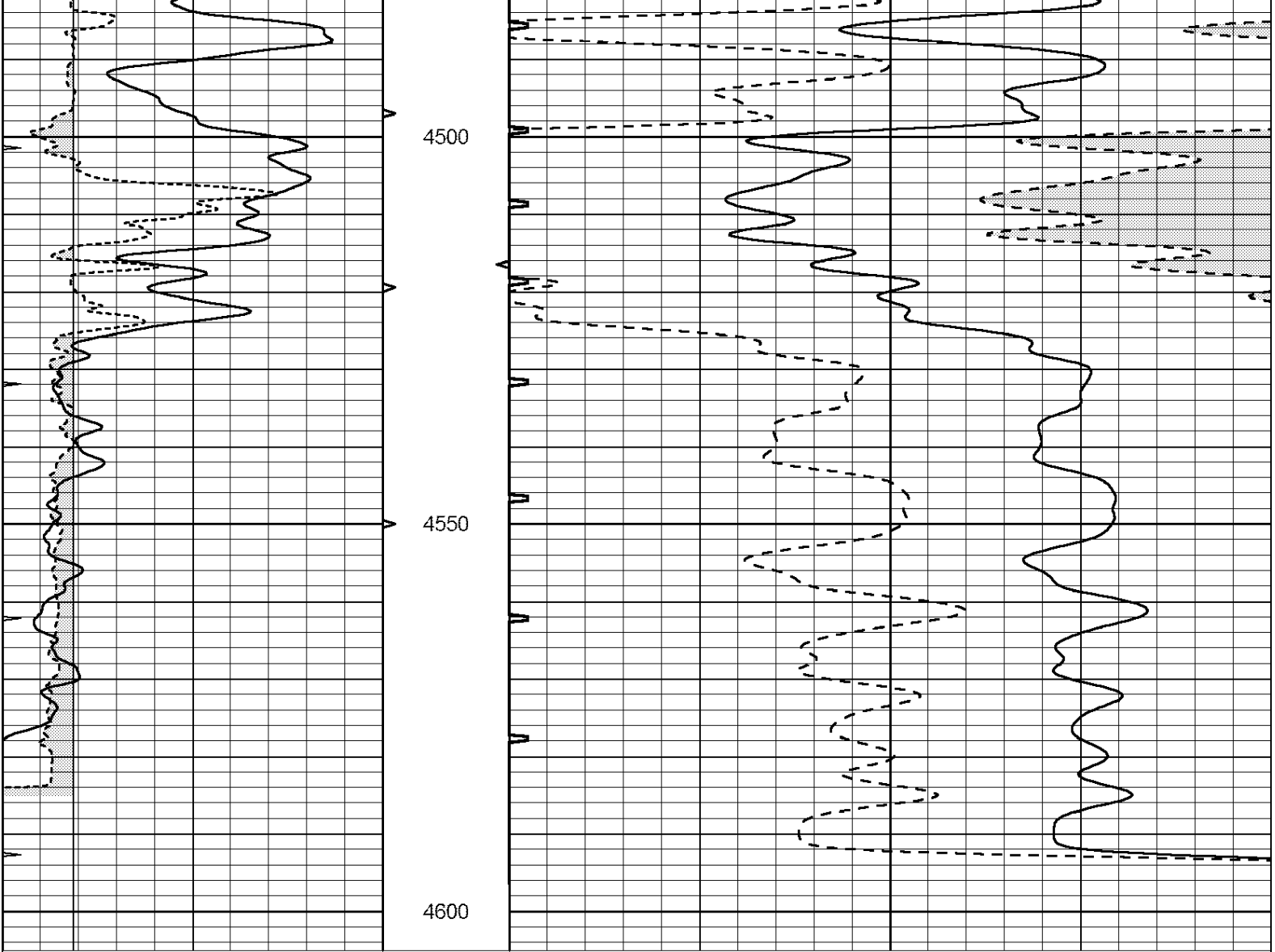


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Hays,
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REPEAT SECTION

Database File: 008148pe.db
 Dataset Pathname: pass5.2
 Presentation Format: slt
 Dataset Creation: Thu Jan 26 01:46:47 2012 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)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			