



SONIC LOG

Company	JOLEN OPERATING COMPANY	Company	JOLEN OPERATING COMPANY
Well	CARTER #1-6	Well	CARTER #1-6
Field	WILDCAT	Field	WILDCAT
County	CLARK	County	CLARK
State	KANSAS	State	KANSAS
Location:	API # : 15-025-21611-0000		Other Services CDL/CNL/DIL ML
Permanent Datum	SEC 6	TWP 33S	RGE 23W
Log Measured From	1360' FNL & 975' FEL		
Drilling Measured From	GROUND LEVEL Elevation 2166 KELLY BUSHING 9' A.G.L. KELLY BUSHING Elevation K.B. 2175 D.F. 2173 G.L. 2166		
Date	10/04/19		
Run Number	TWO		
Depth Driller	5600		
Depth Logger	5600		
Bottom Logged Interval	5590		
Top Log Interval	00		
Casing Driller	13 3/8" @ 242		
Casing Logger	242		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/49		
pH / Fluid Loss	10.0/10.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.30 @ 72F		
Rmt @ Meas. Temp	.23 @ 72F		
Rmc @ Meas. Temp	.36 @ 72F		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.16 @ 130F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	130F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	KEN LeBlanc		

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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, KS. (785) 628-6395

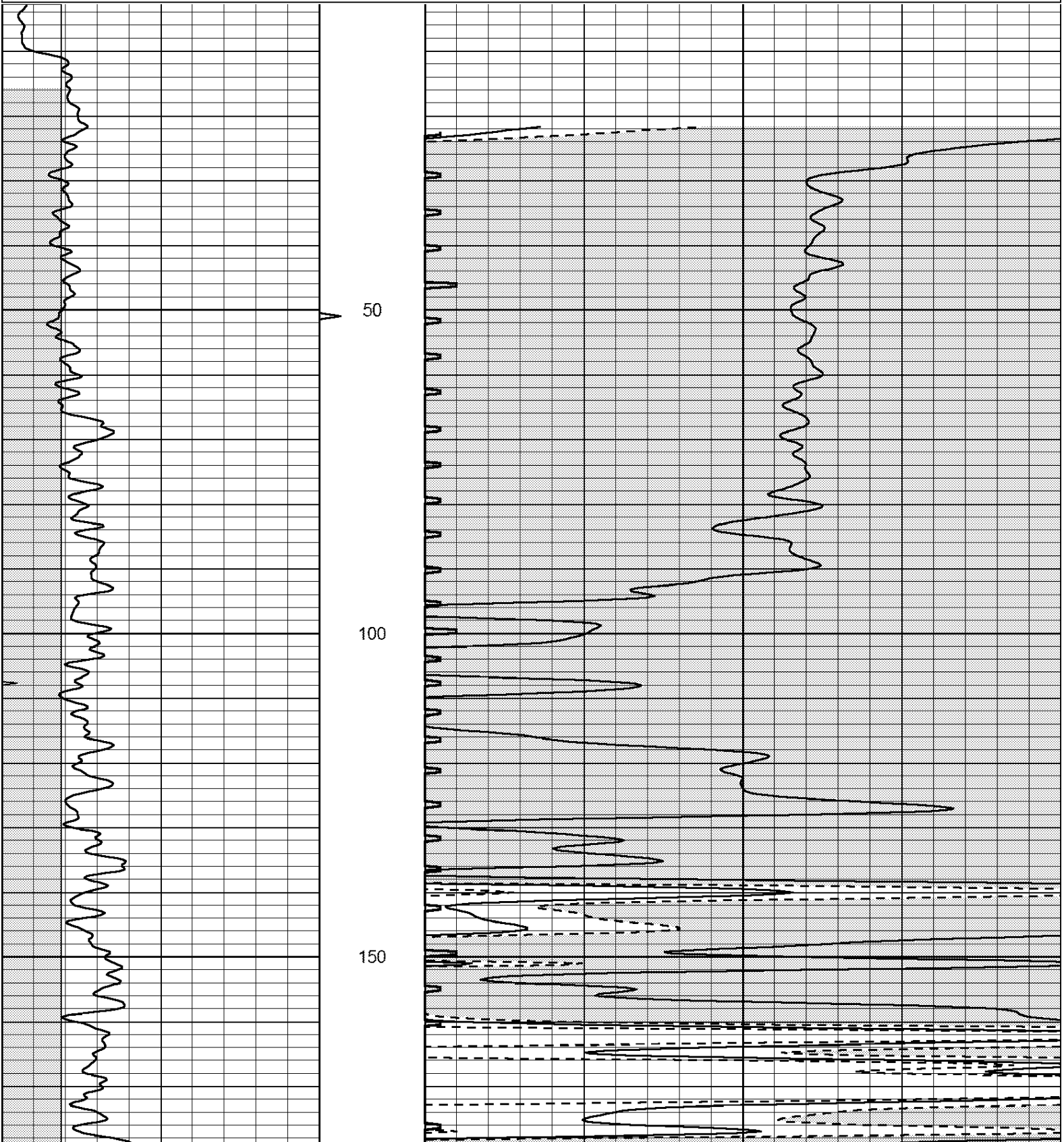
DIRECTIONS
ASHLAND WEST 4 MILES, NORTH 1/2 ,
WEST INTO.

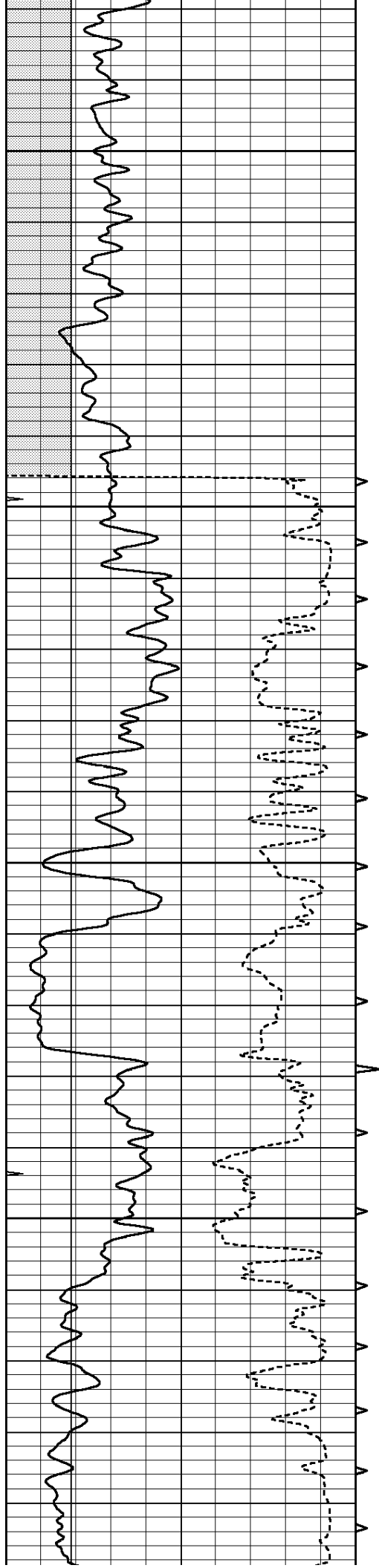


MAIN PASS

Database File: 4097pe.db
Dataset Pathname: pass8SON
Presentation Format: _slt
Dataset Creation: Fri Oct 04 22:03:05 2019
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				



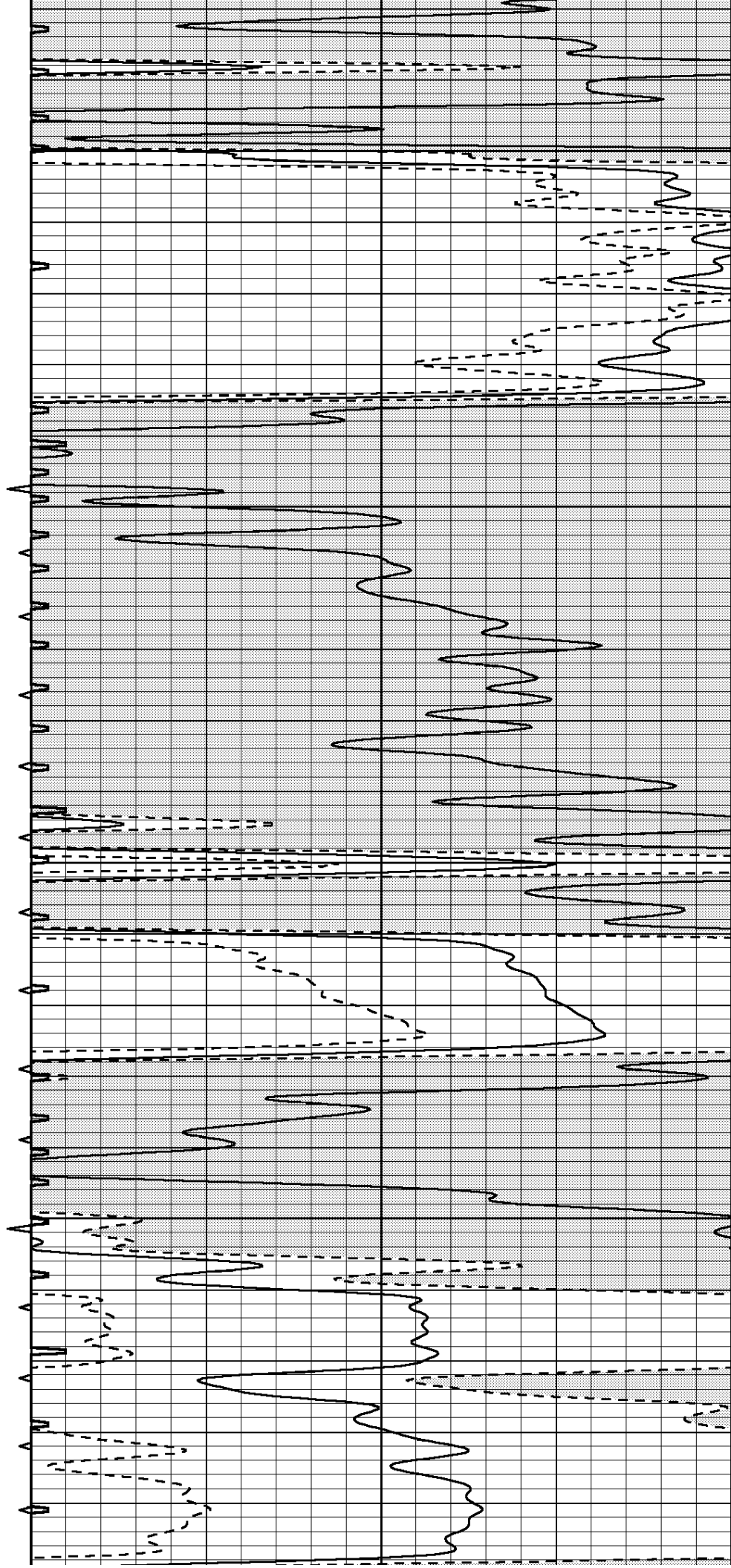


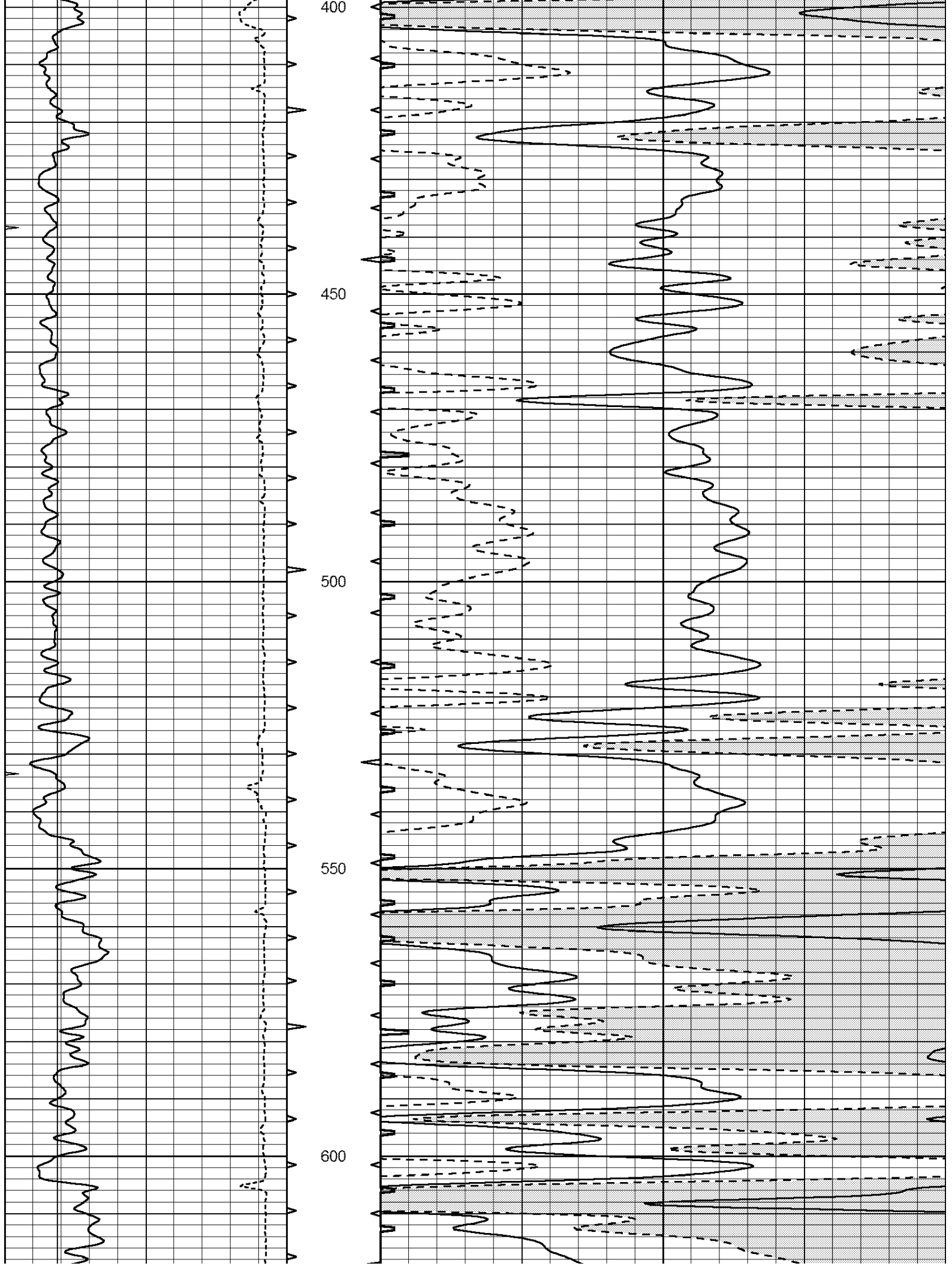
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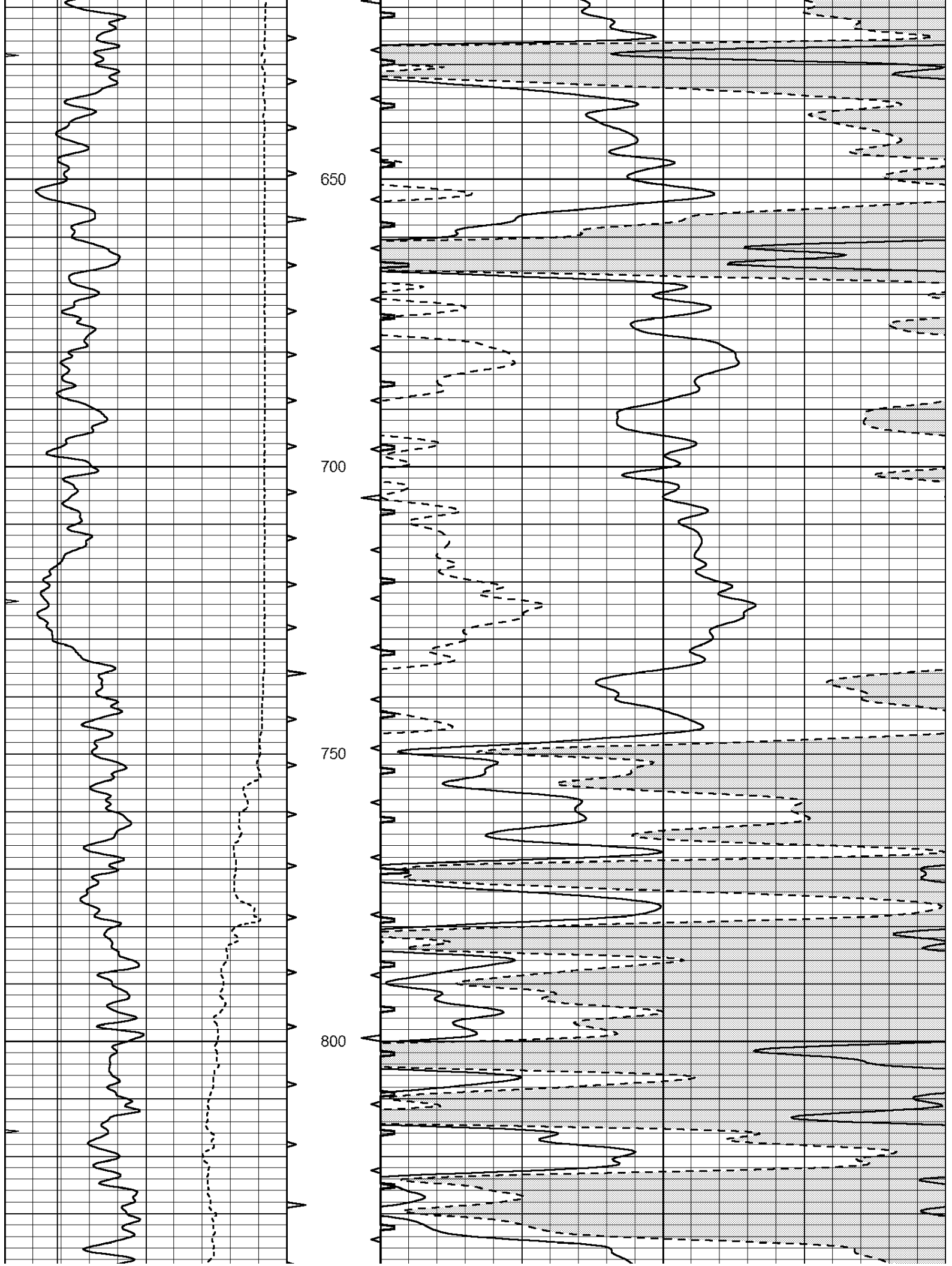
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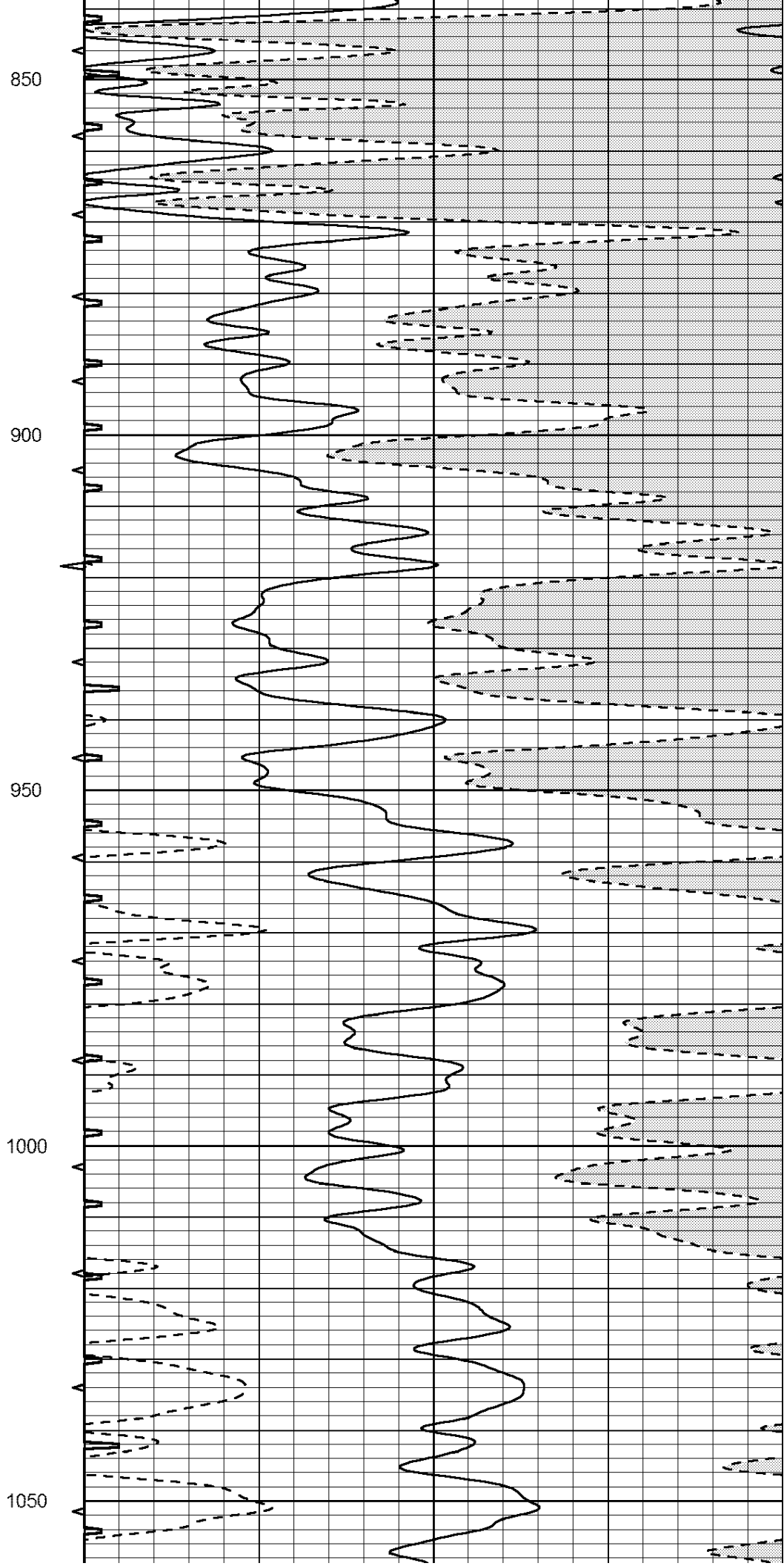
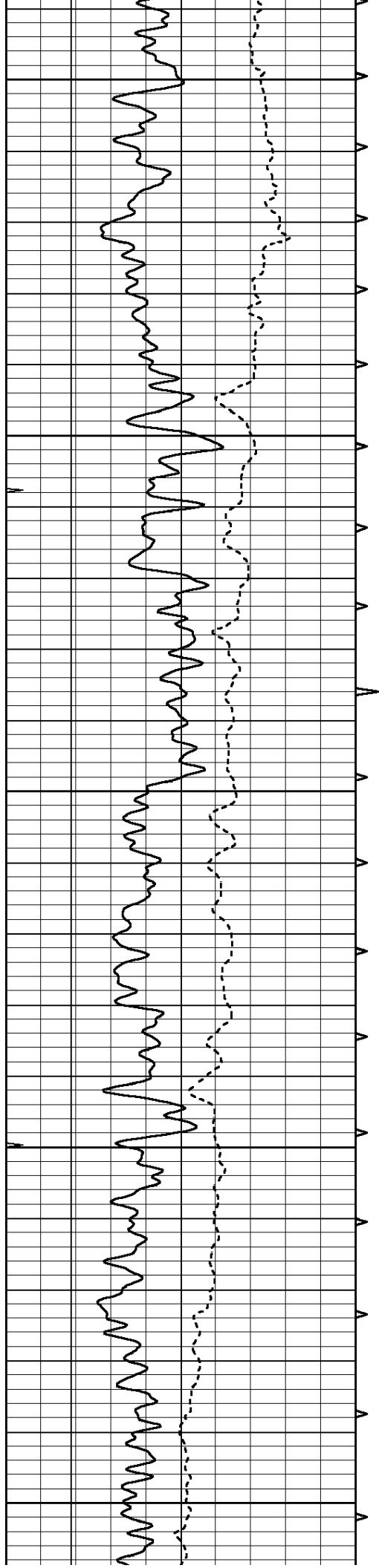
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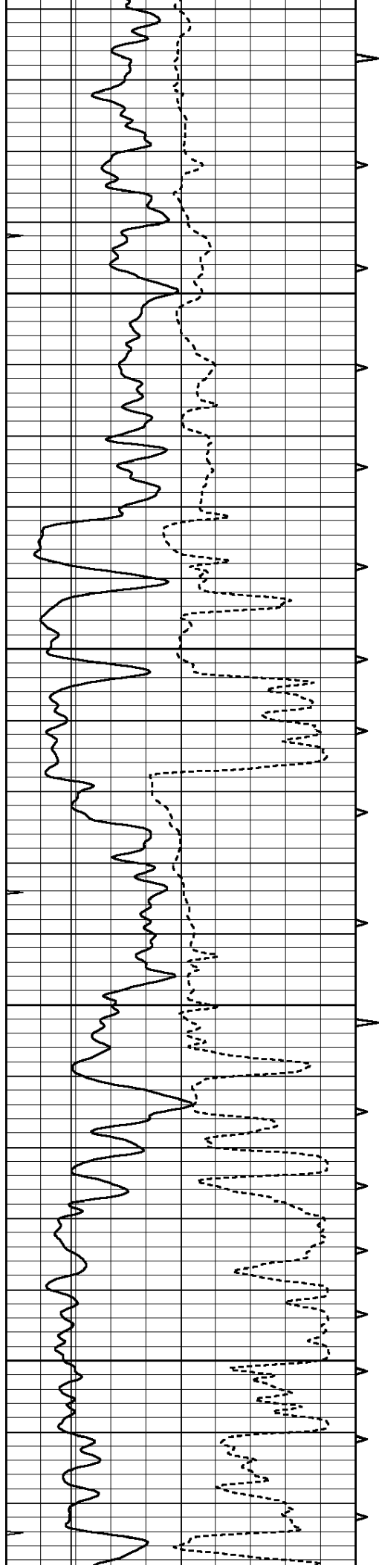
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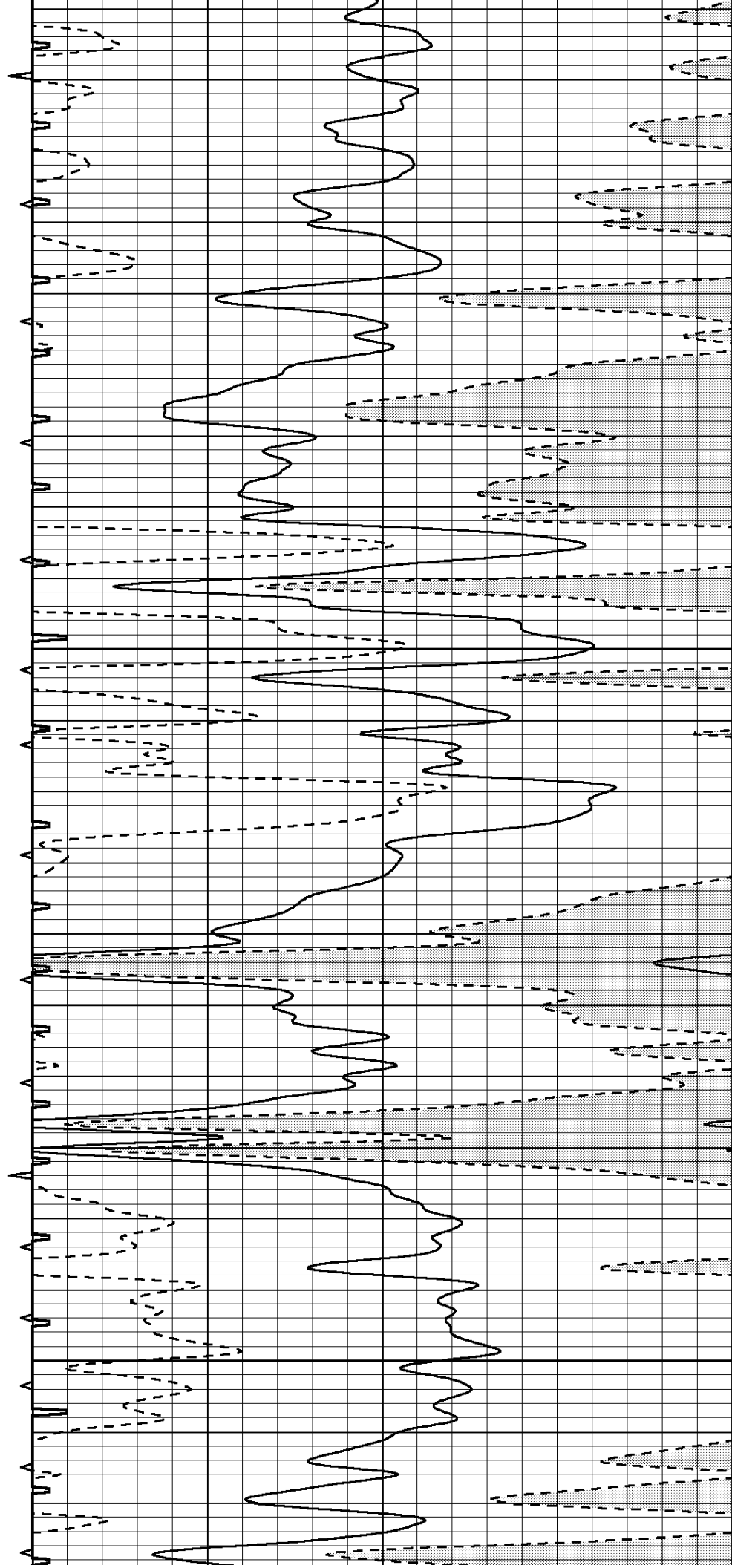


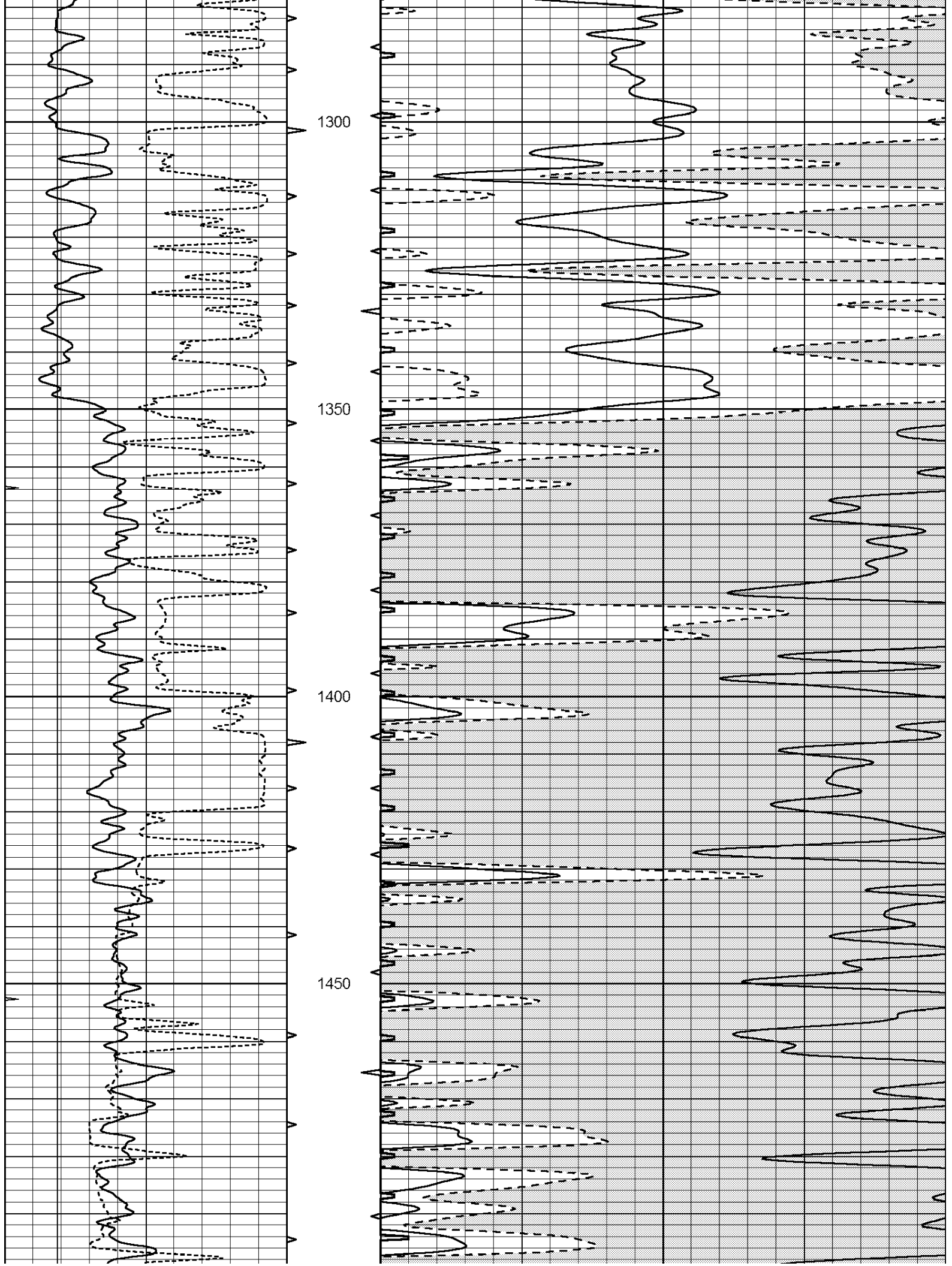
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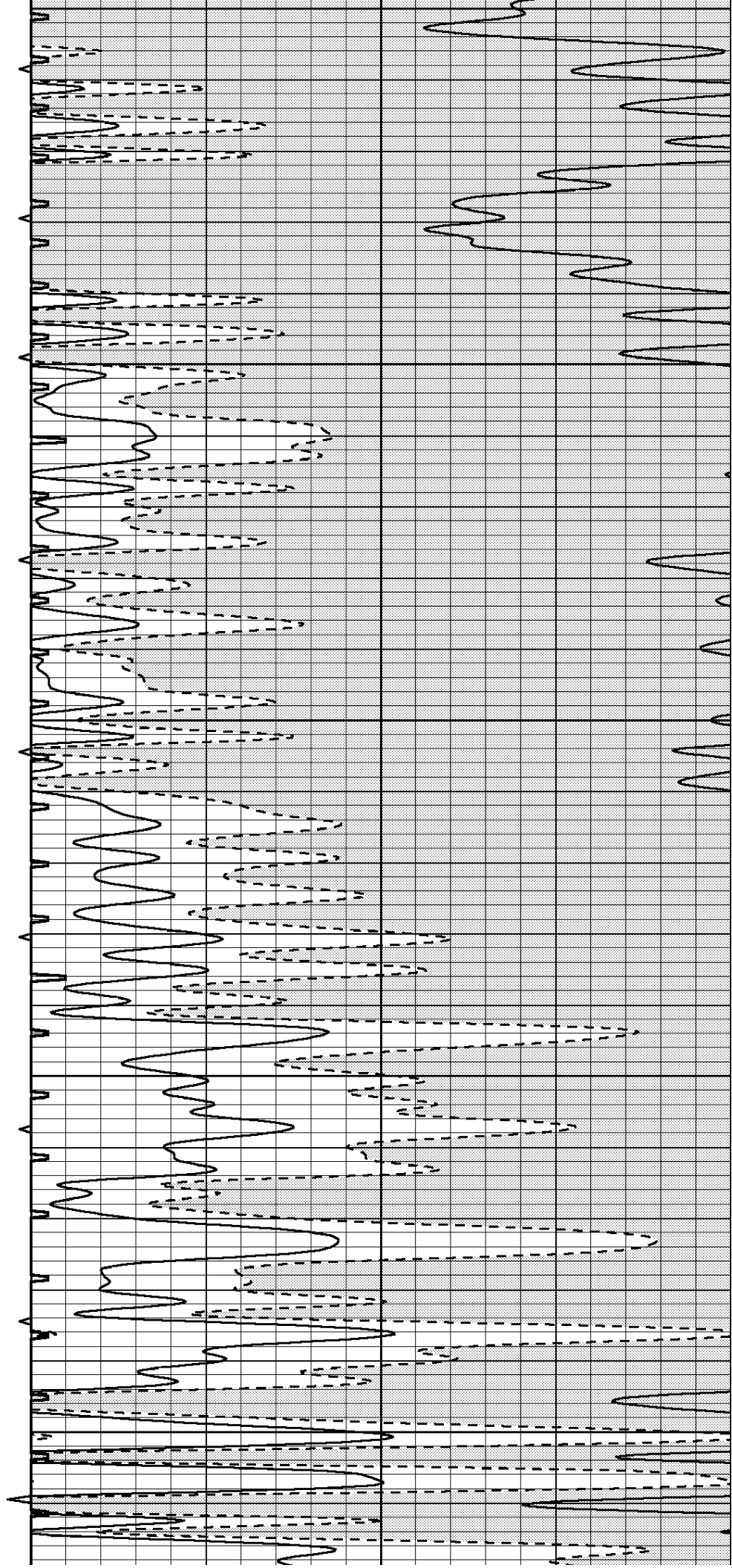
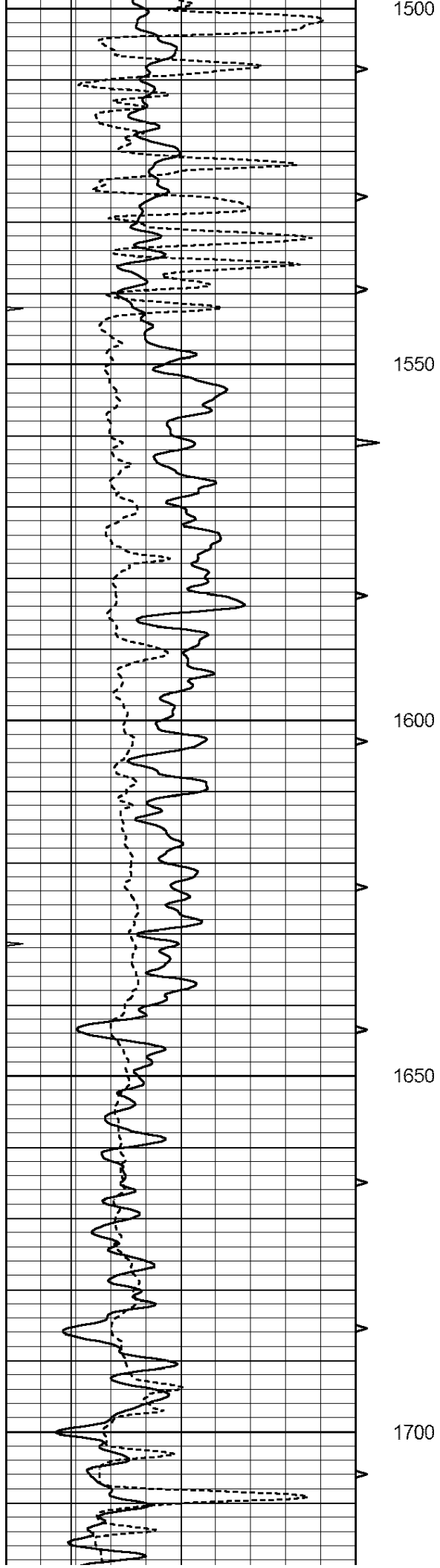
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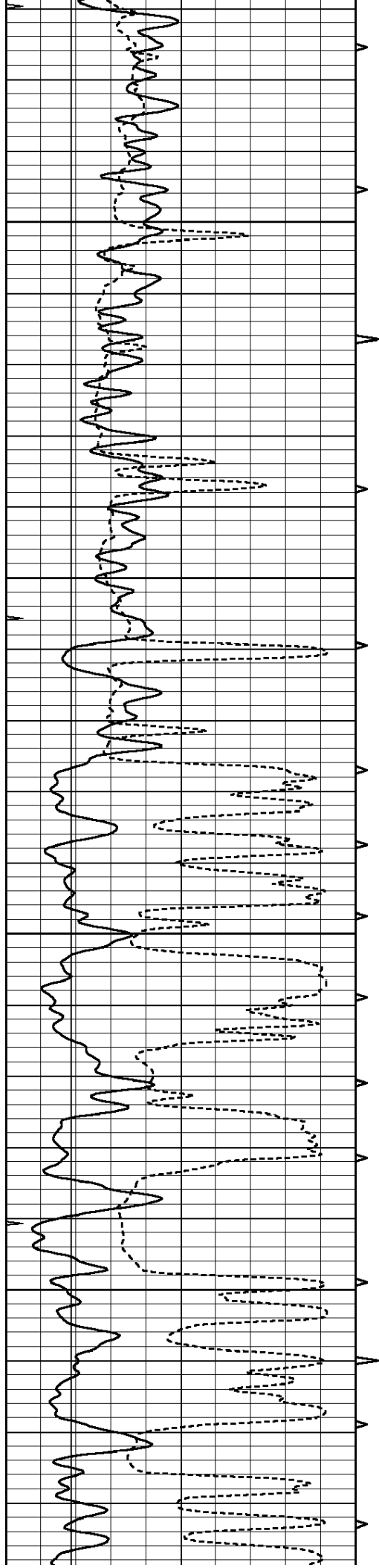
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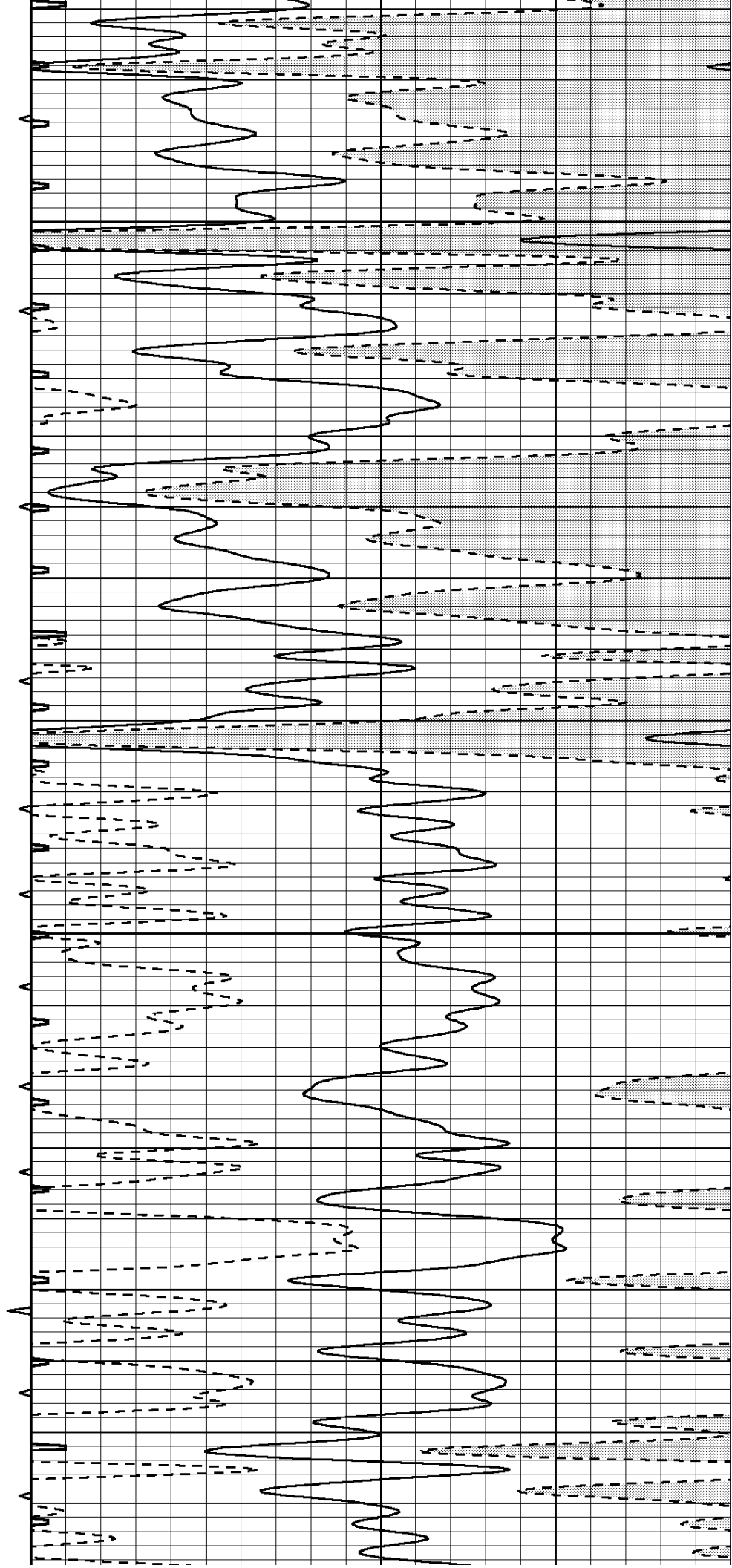


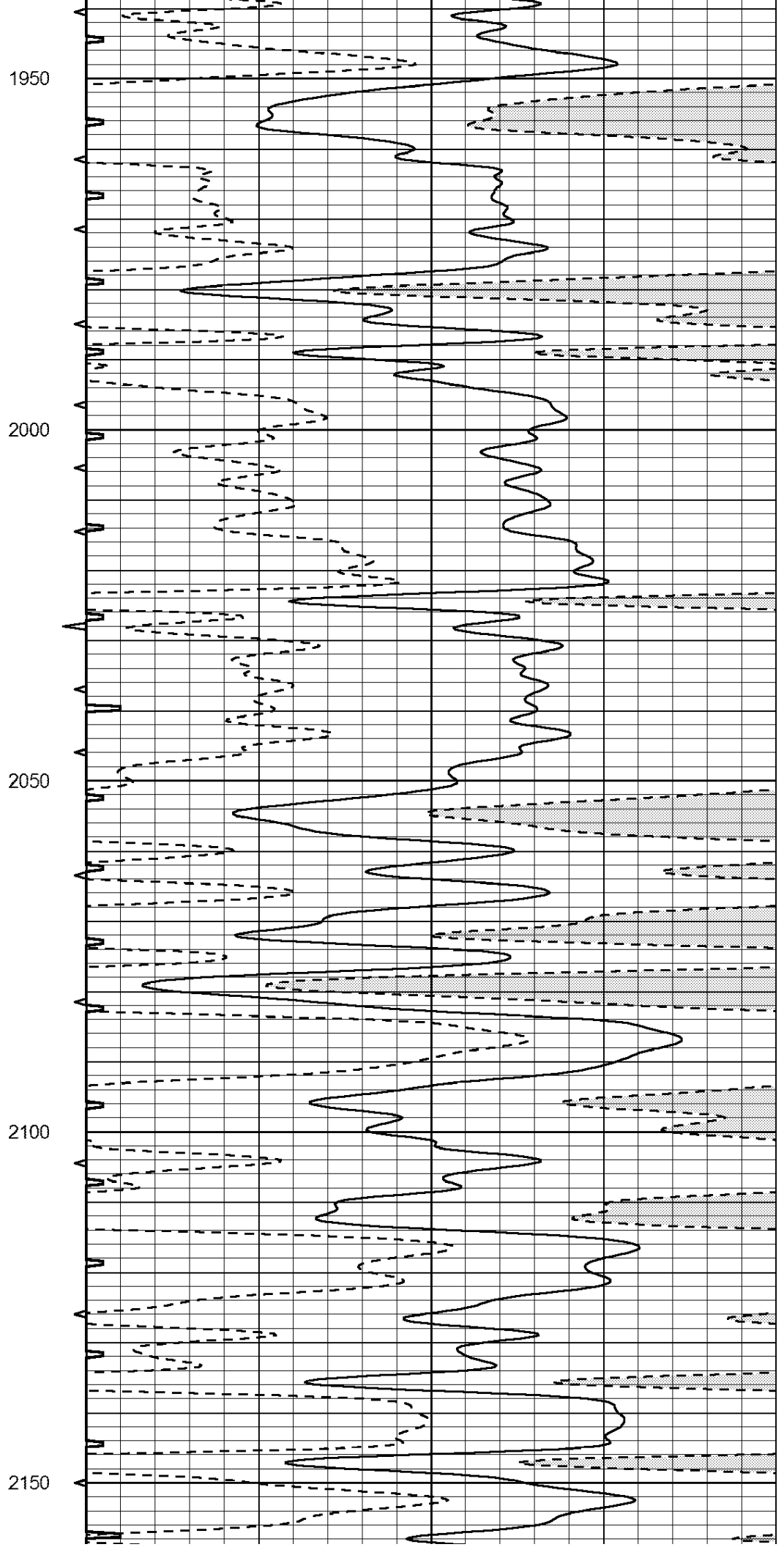
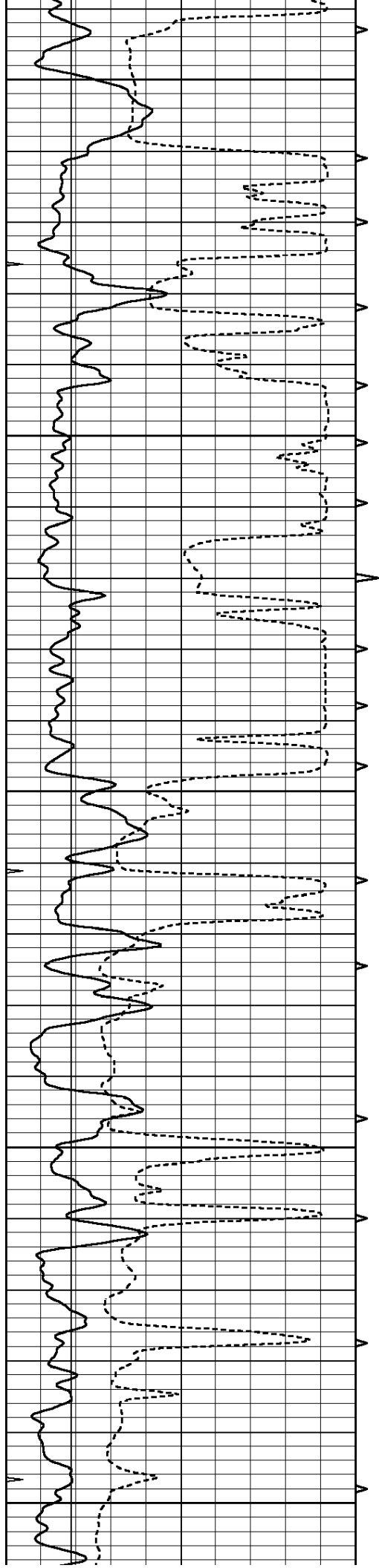
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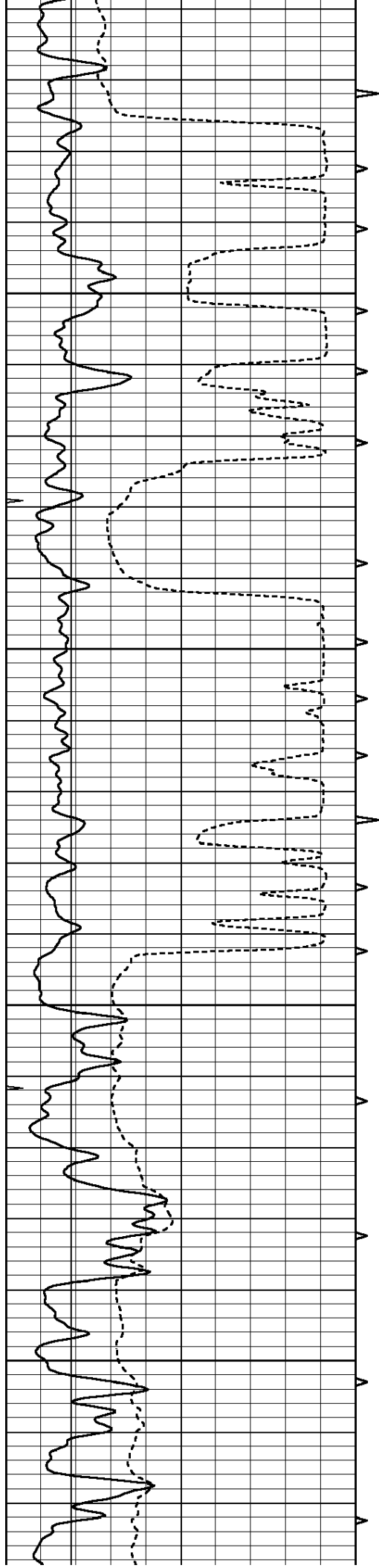
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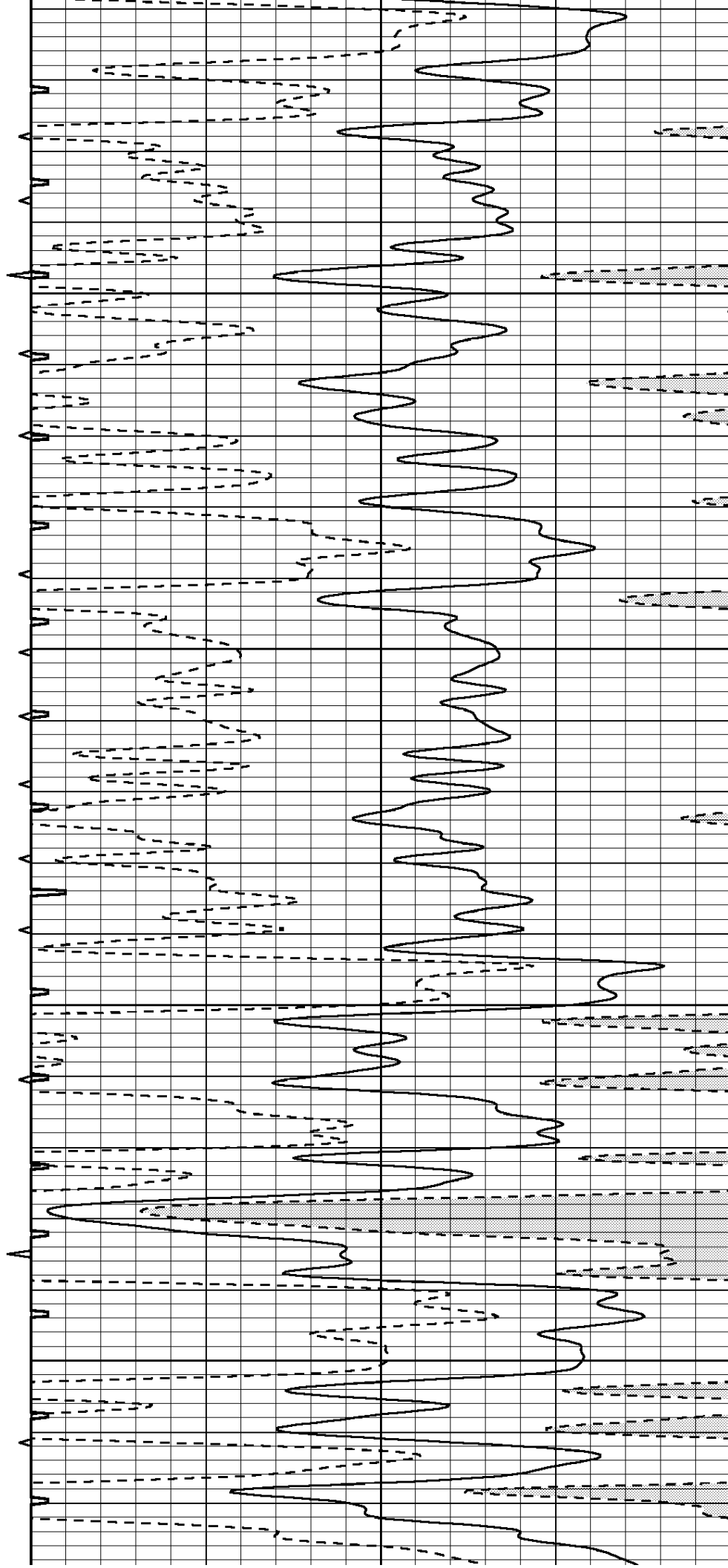


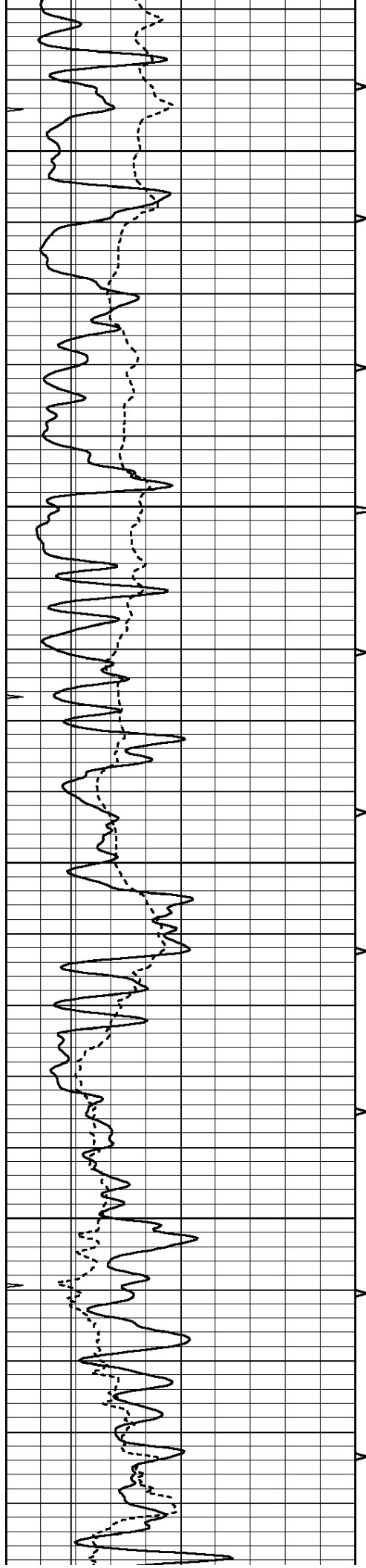
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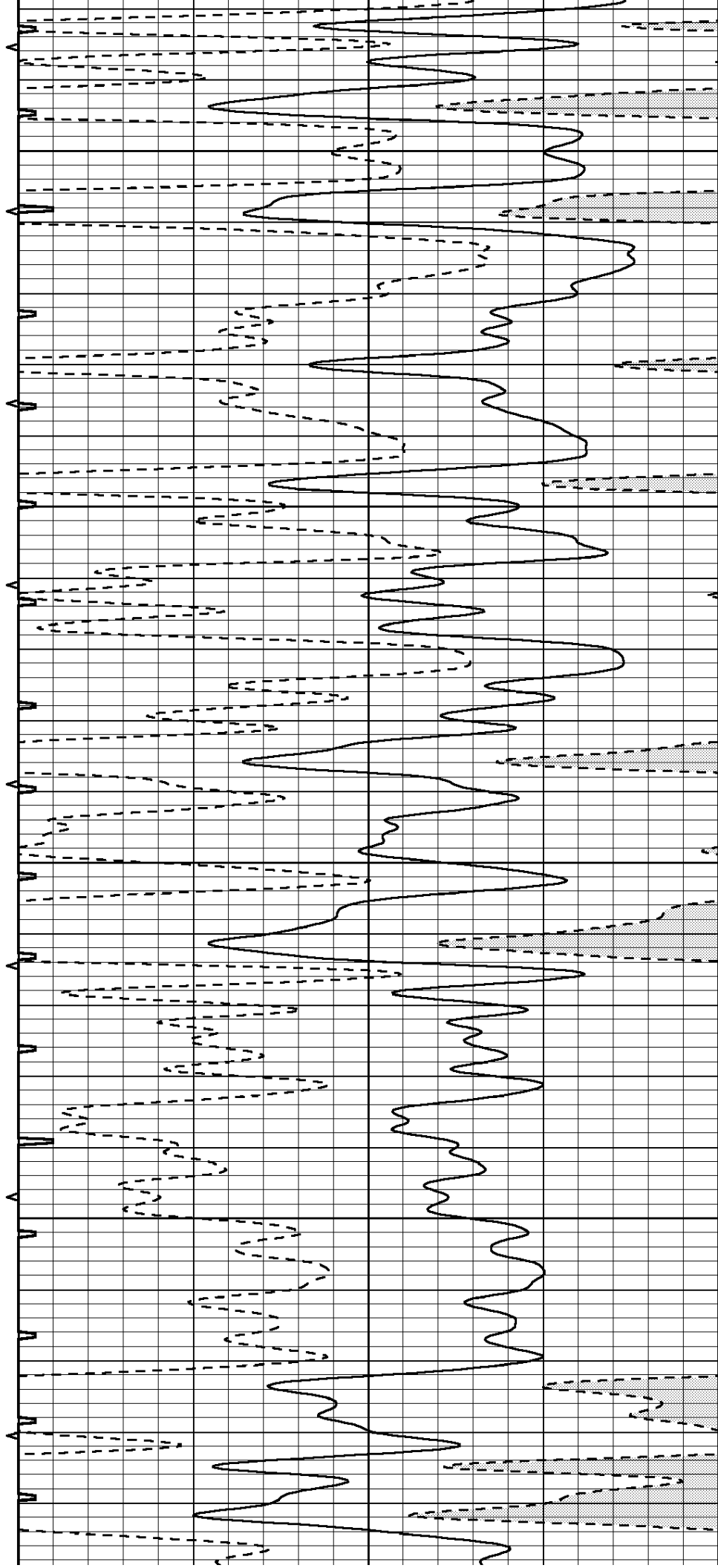


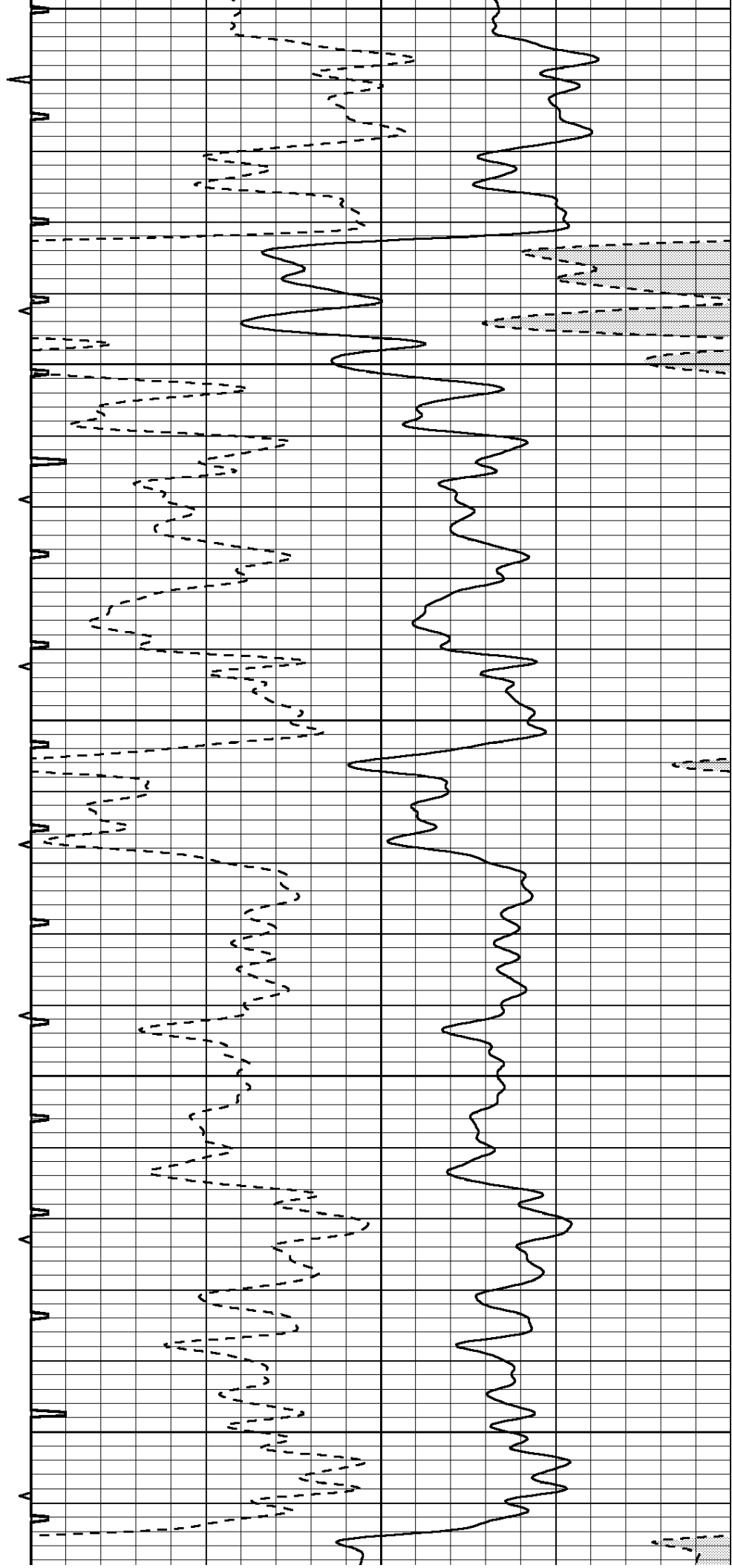
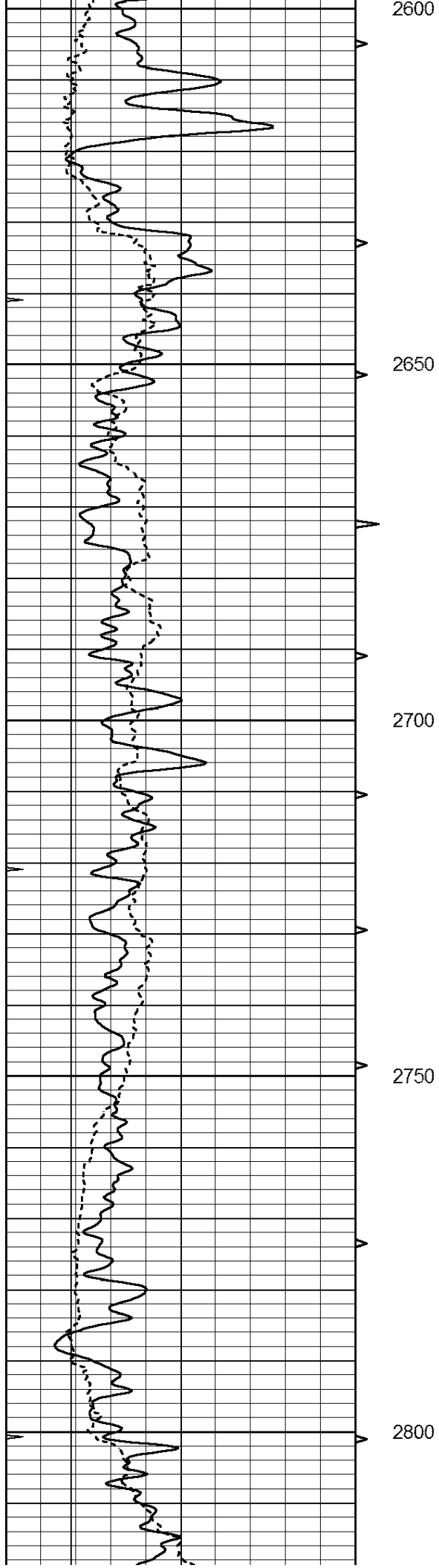
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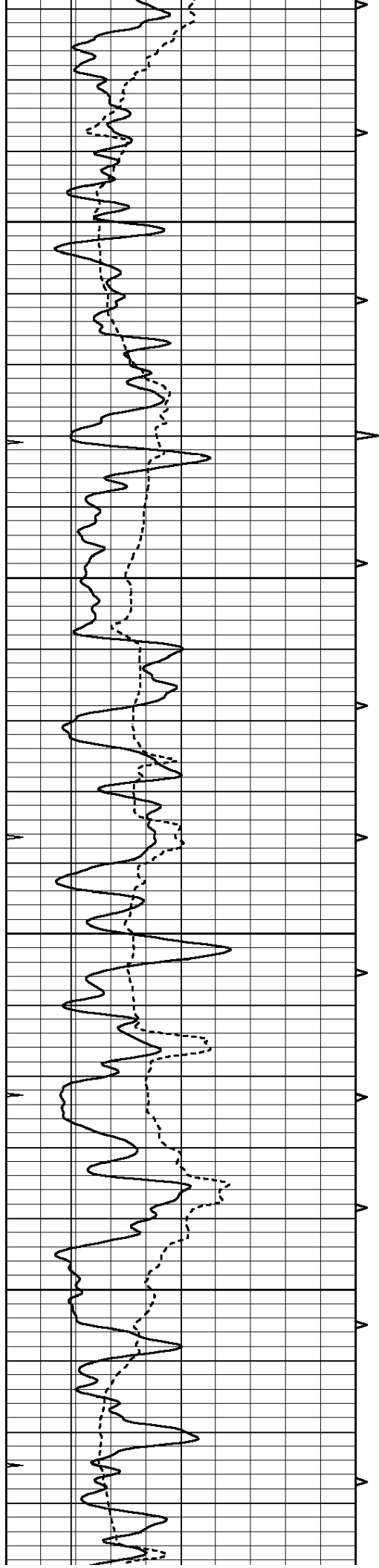
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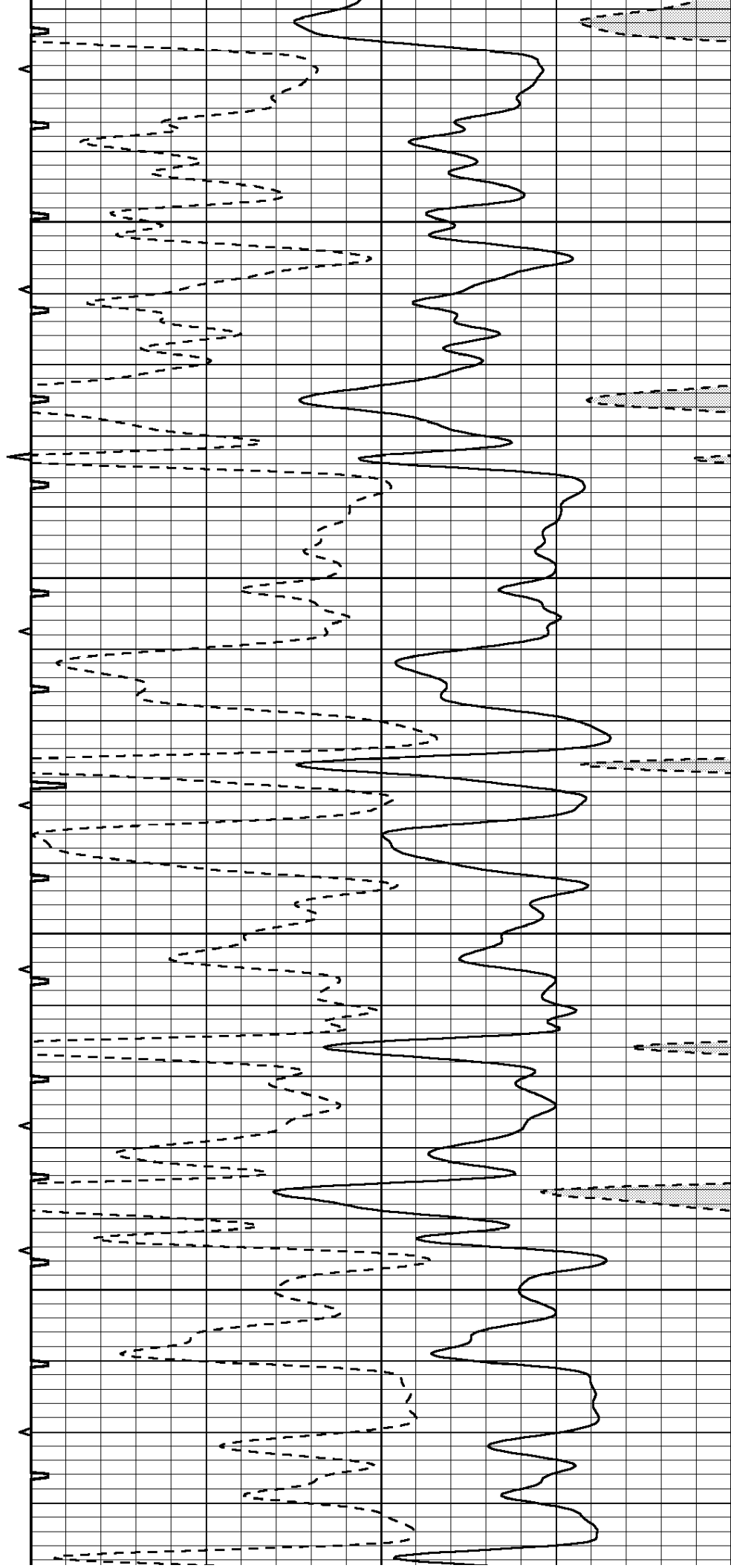


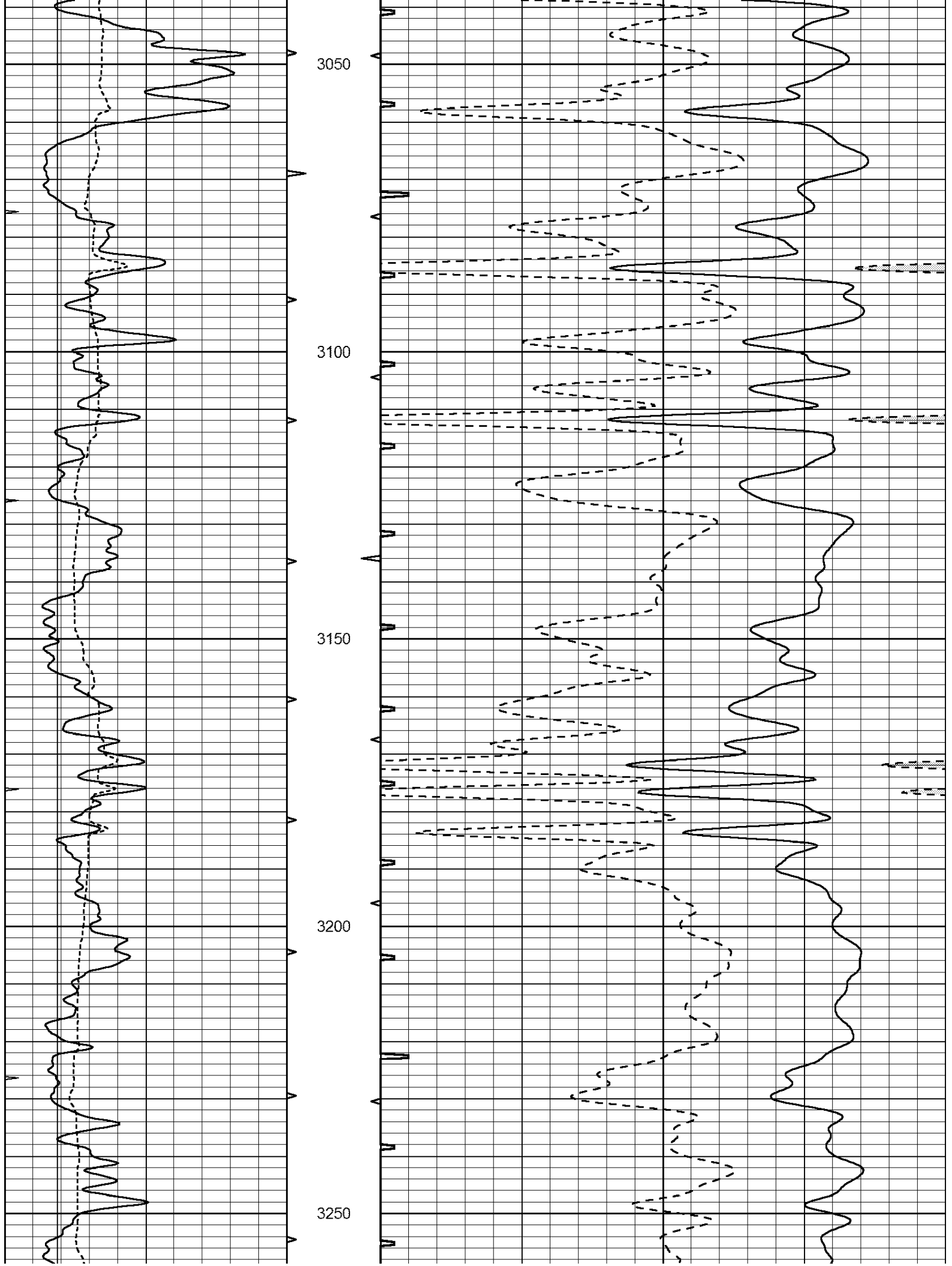
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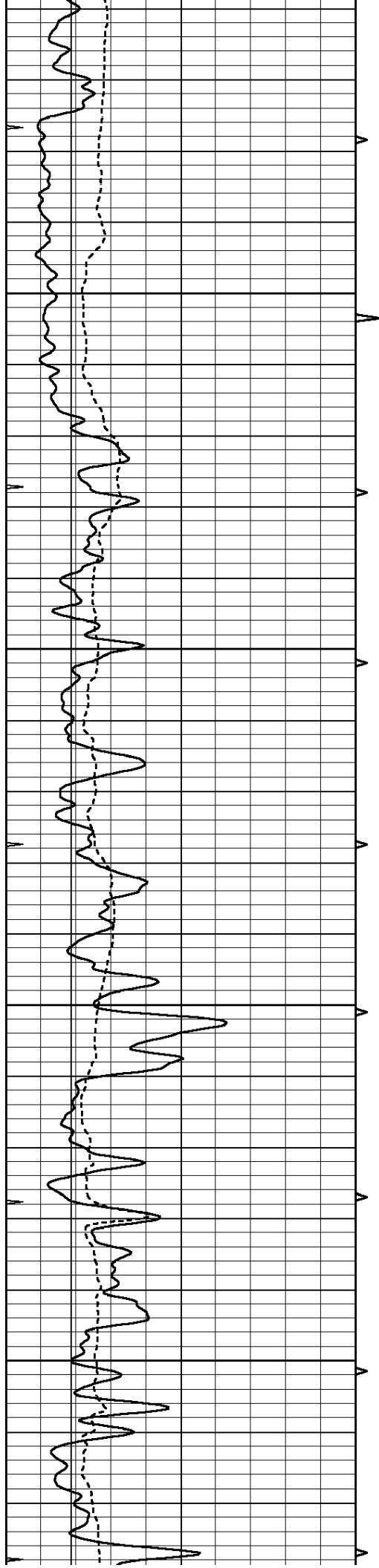
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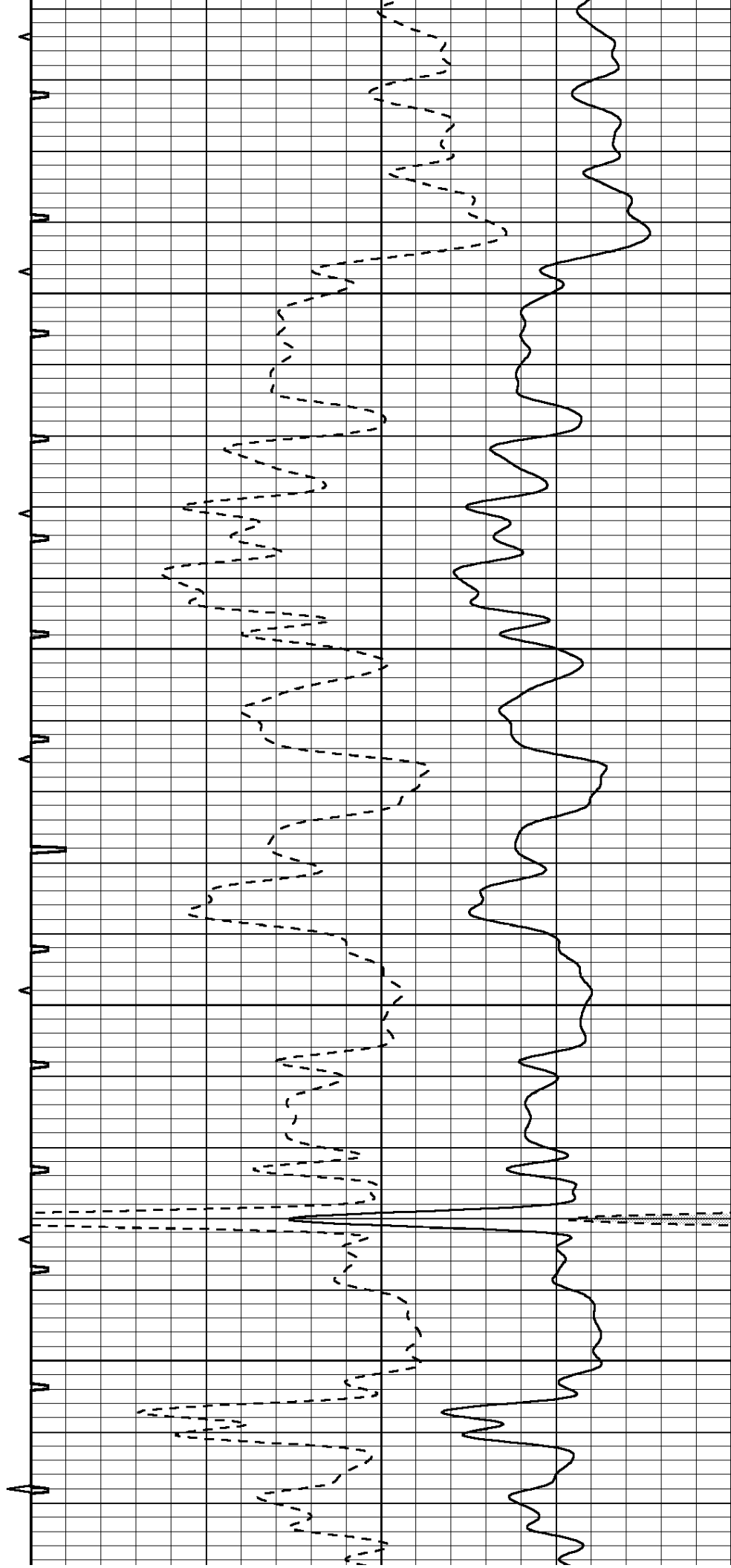


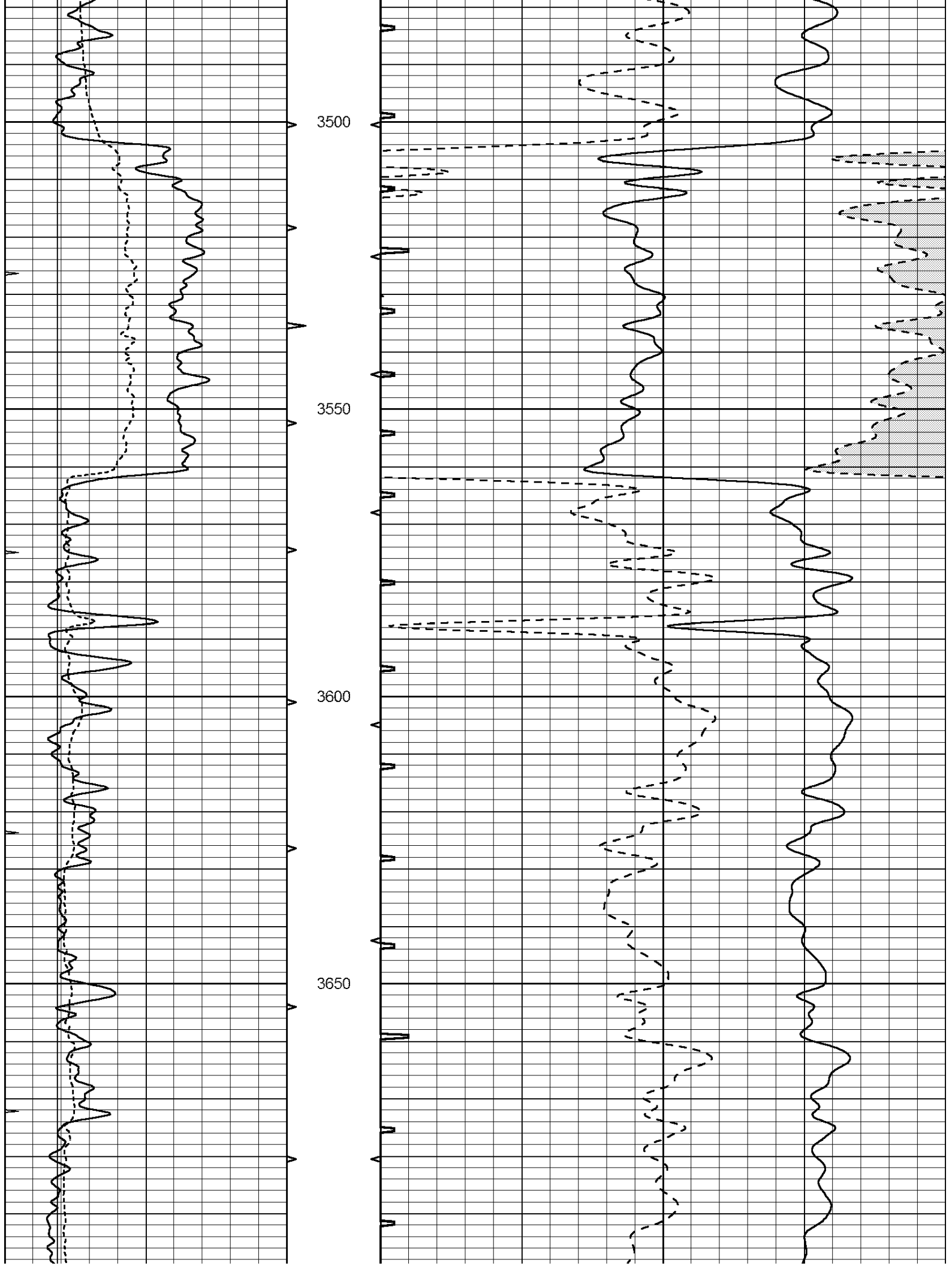
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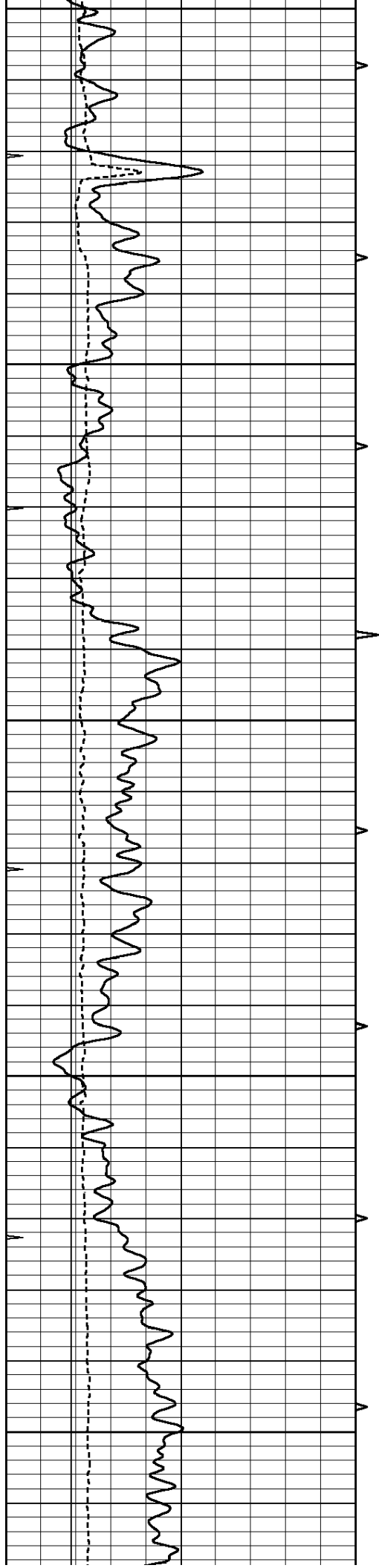
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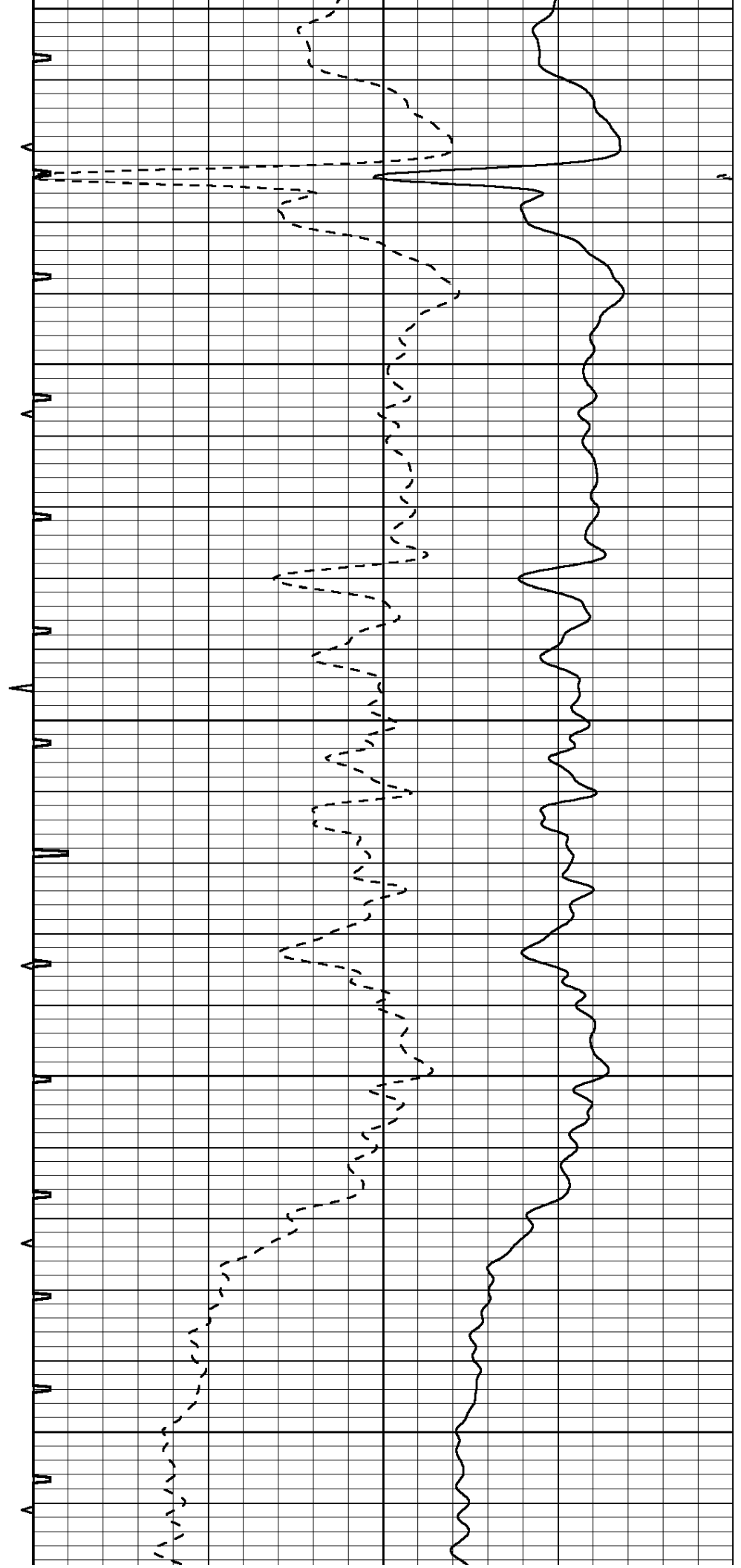
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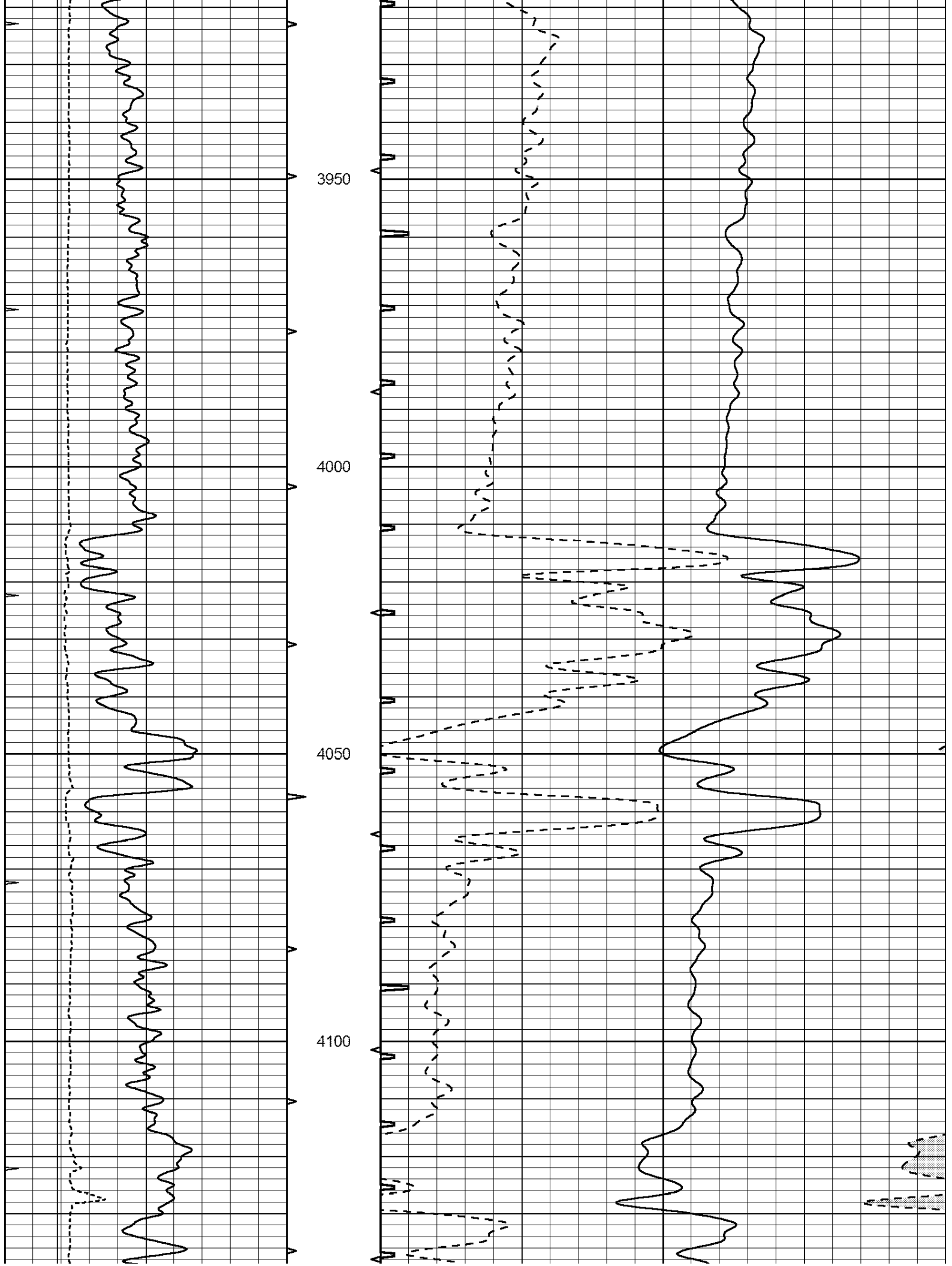
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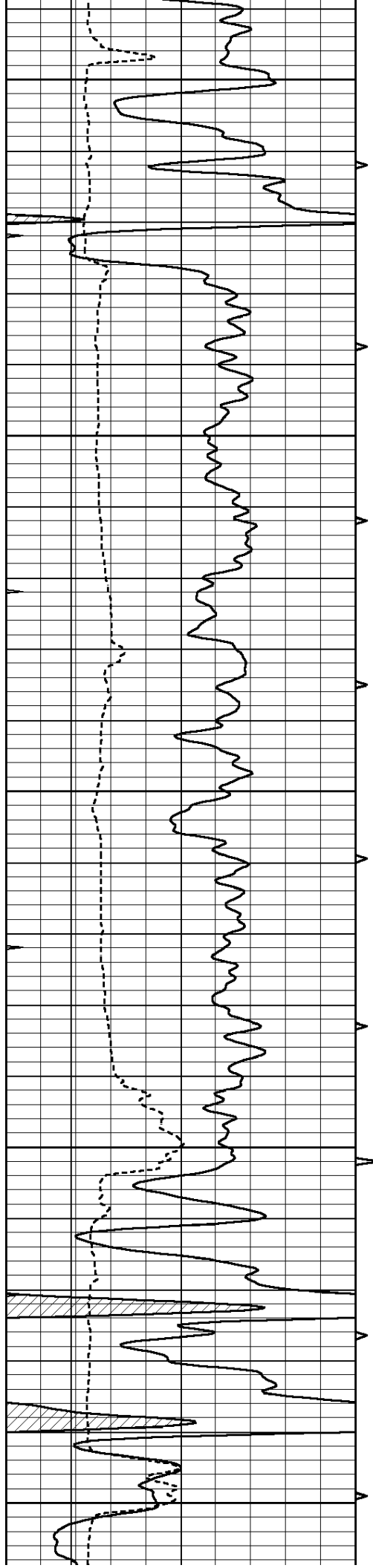
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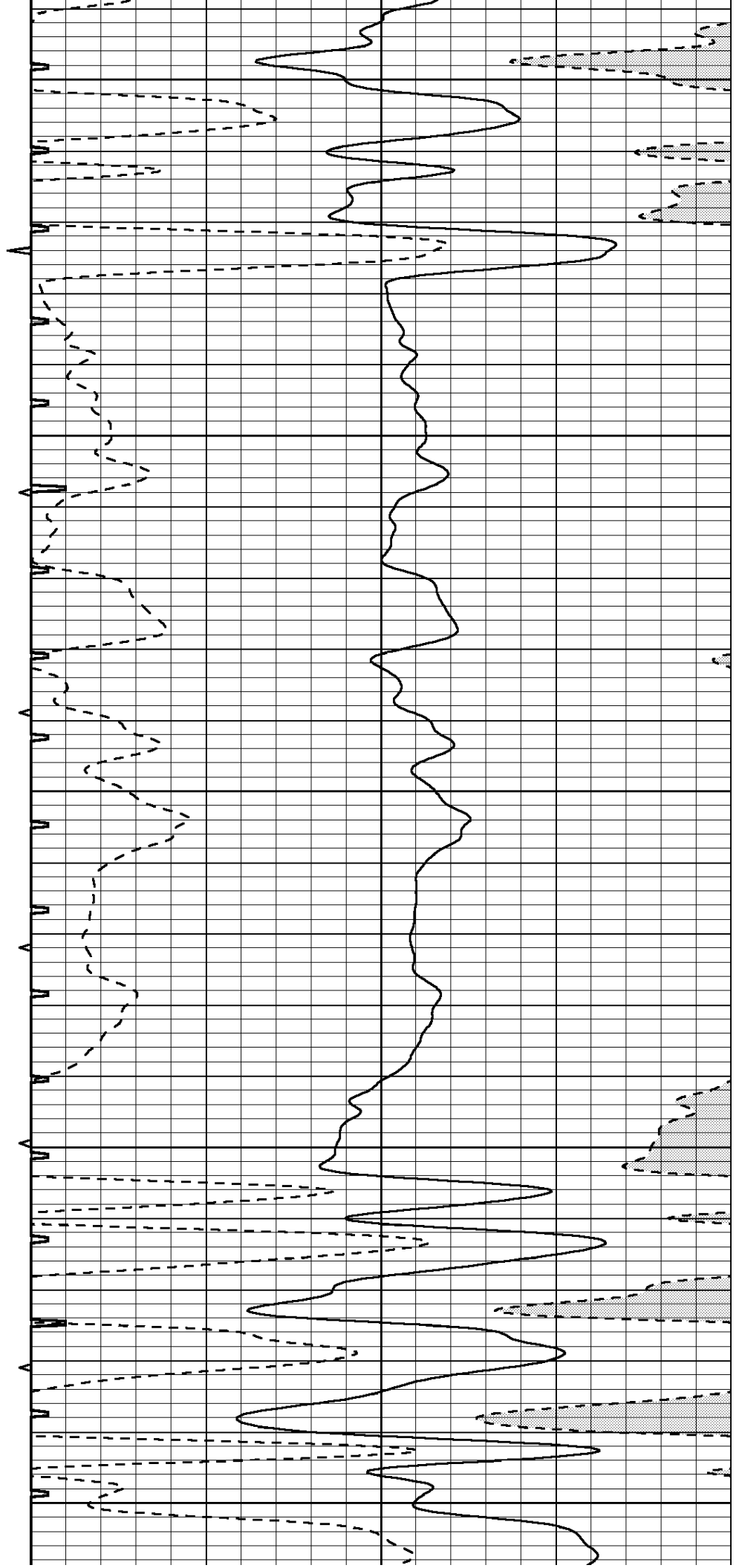
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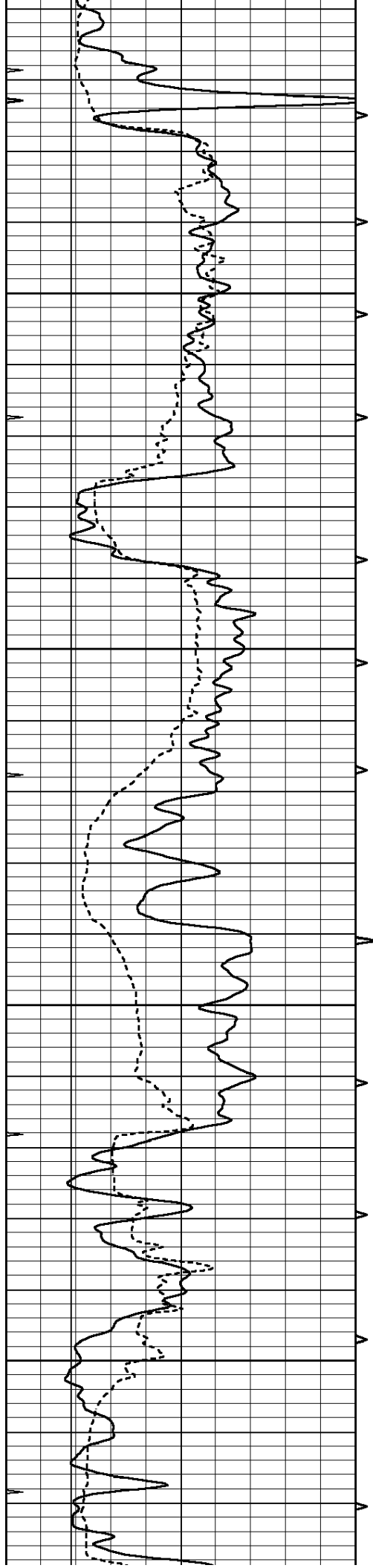
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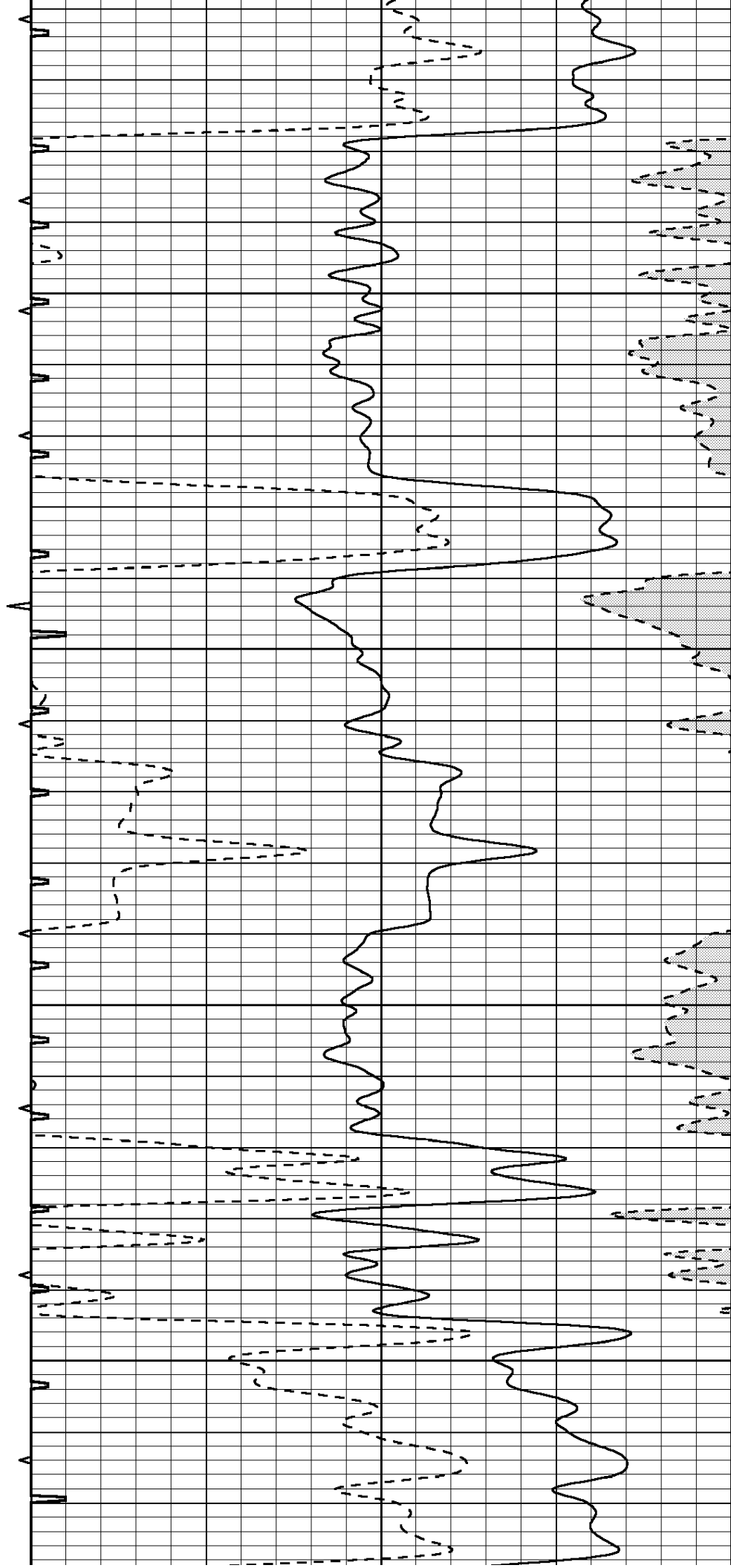


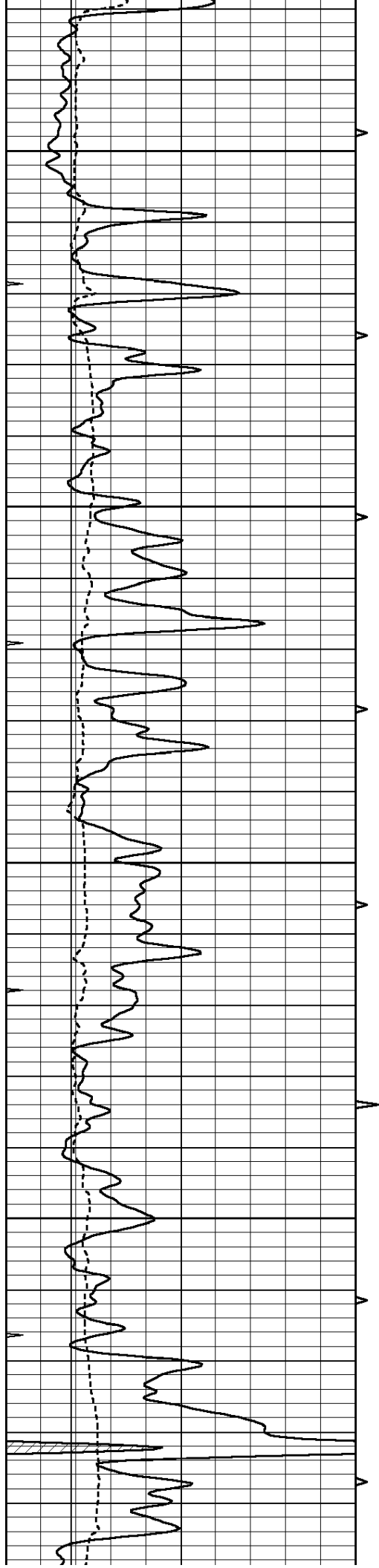
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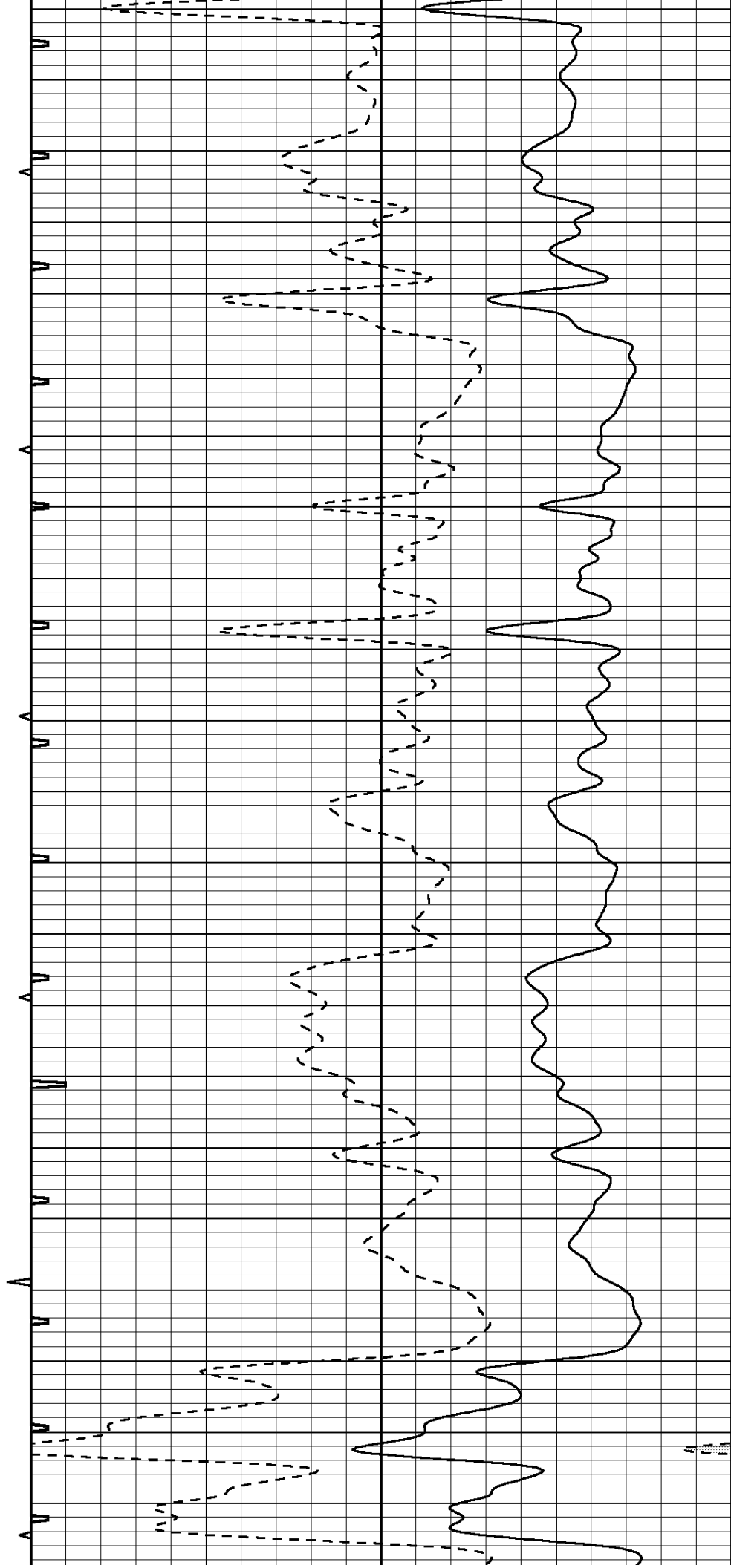


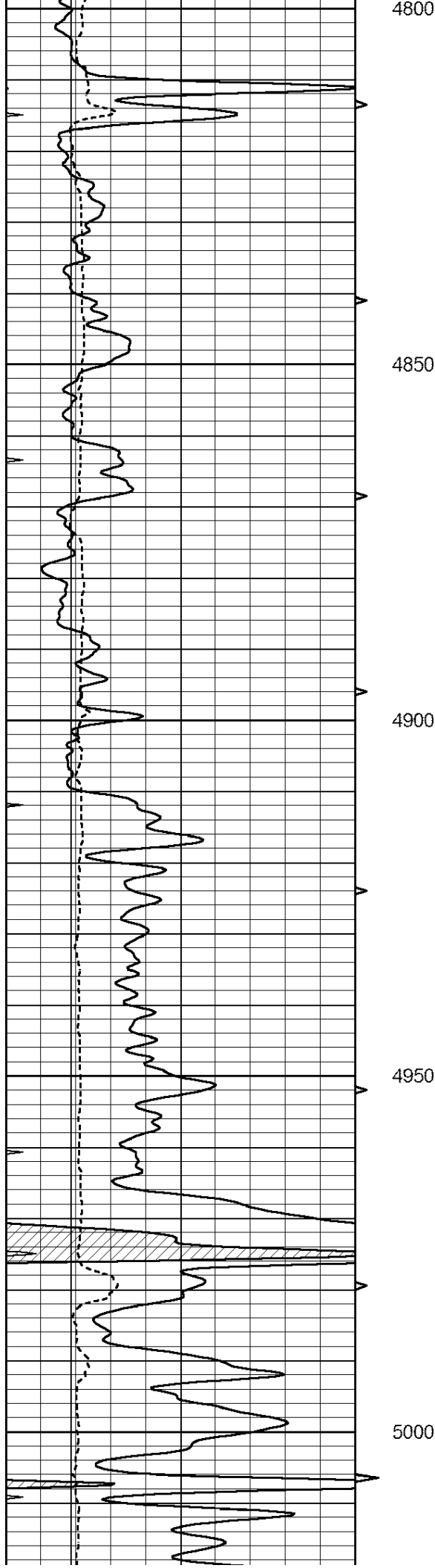
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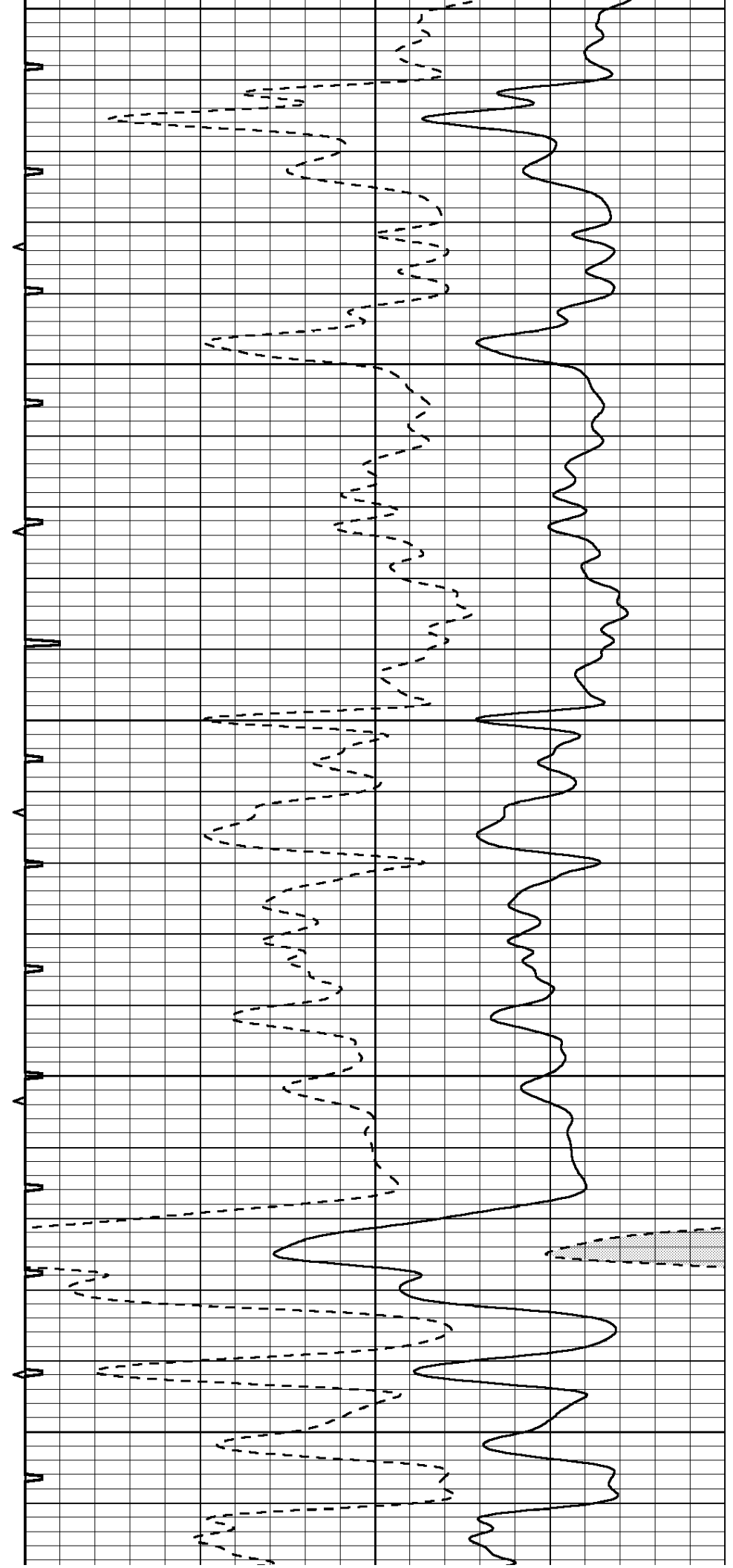
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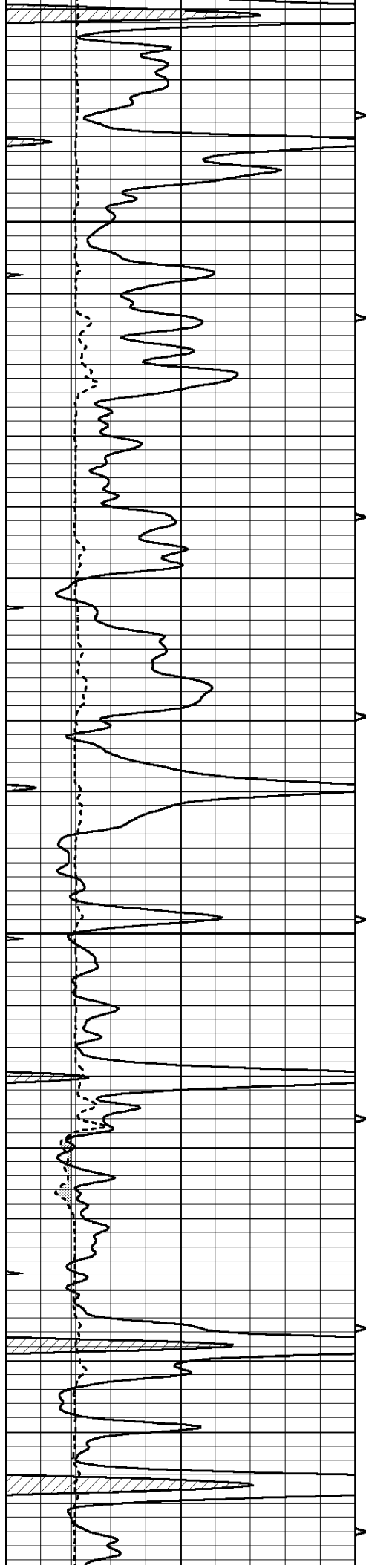
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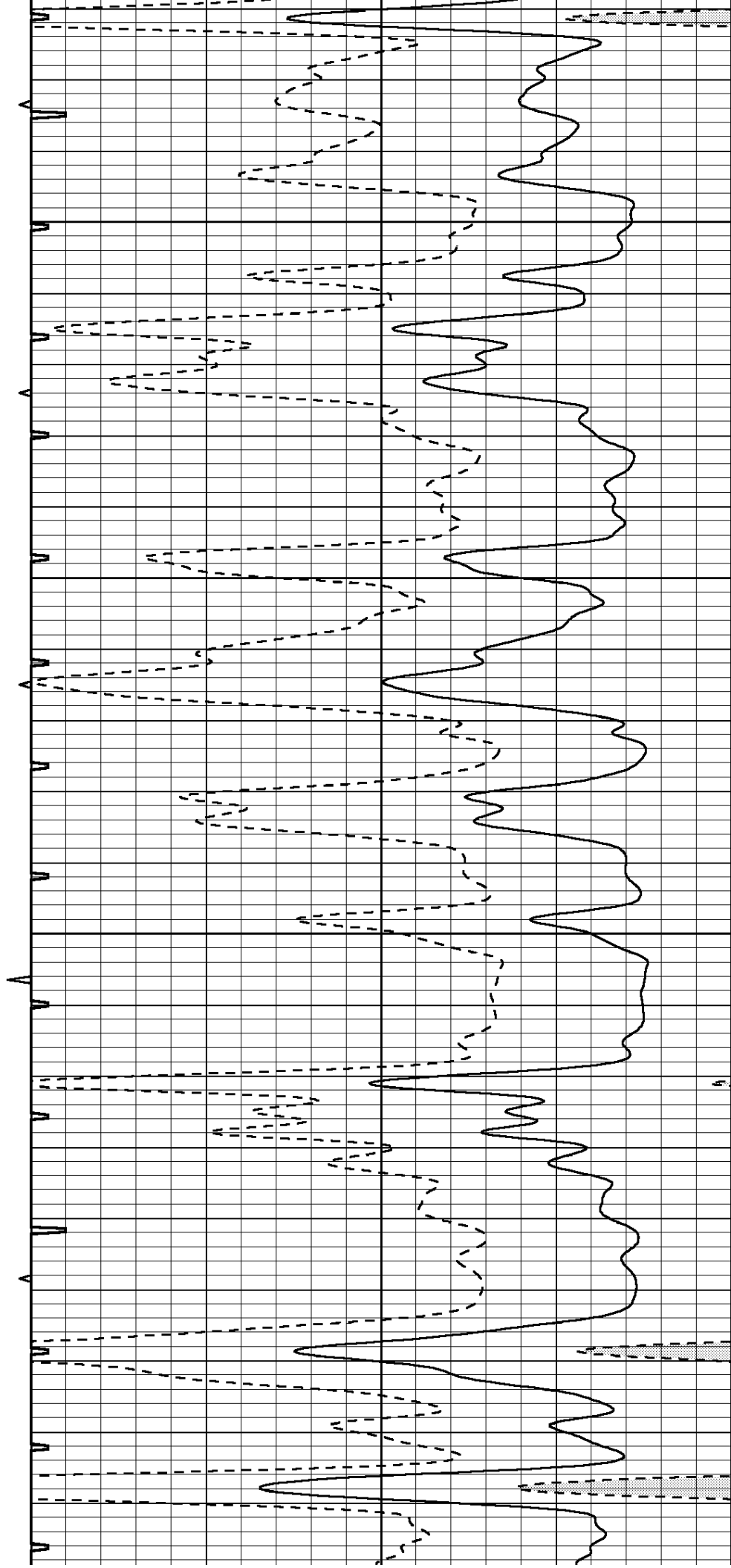


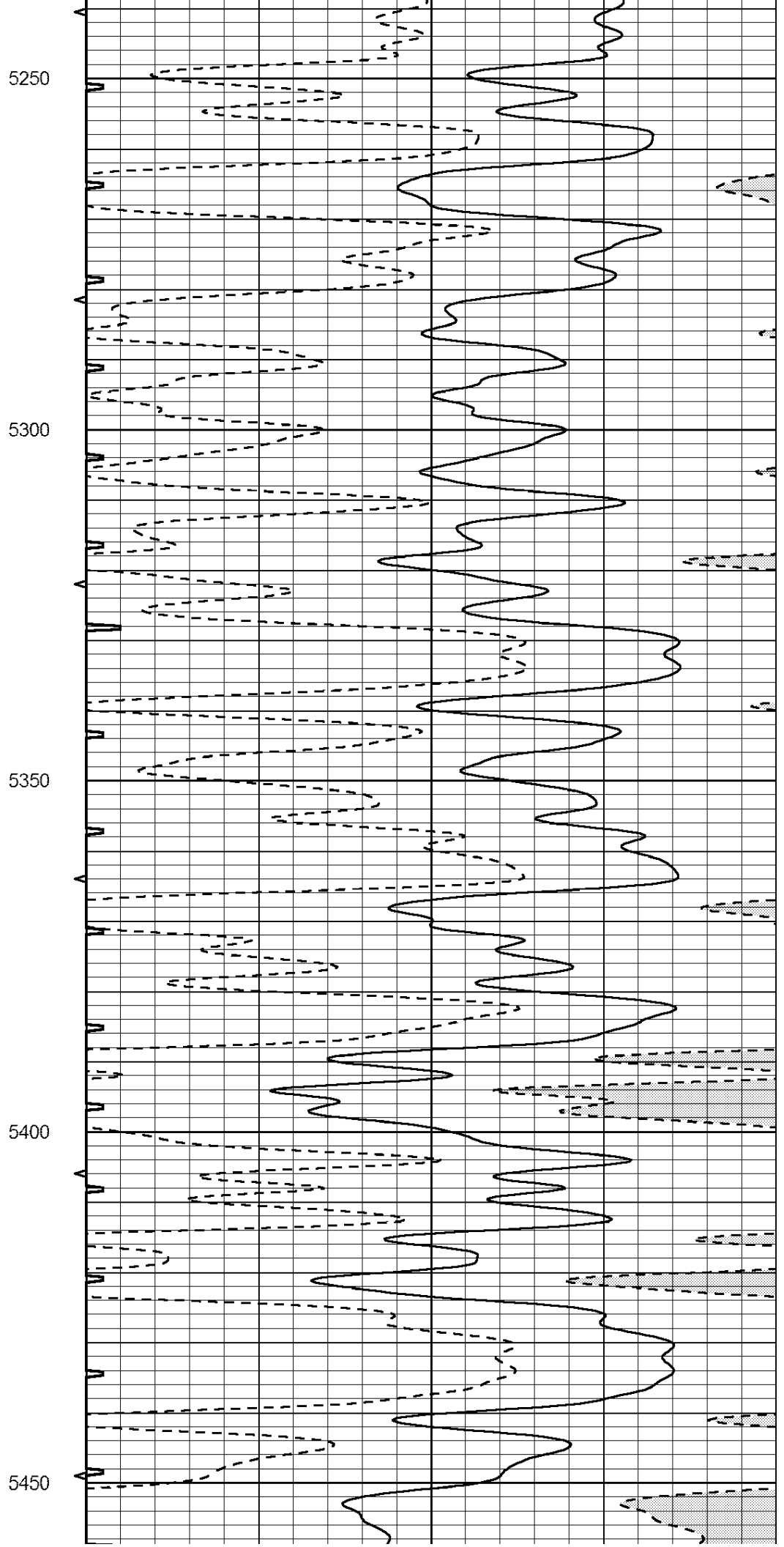
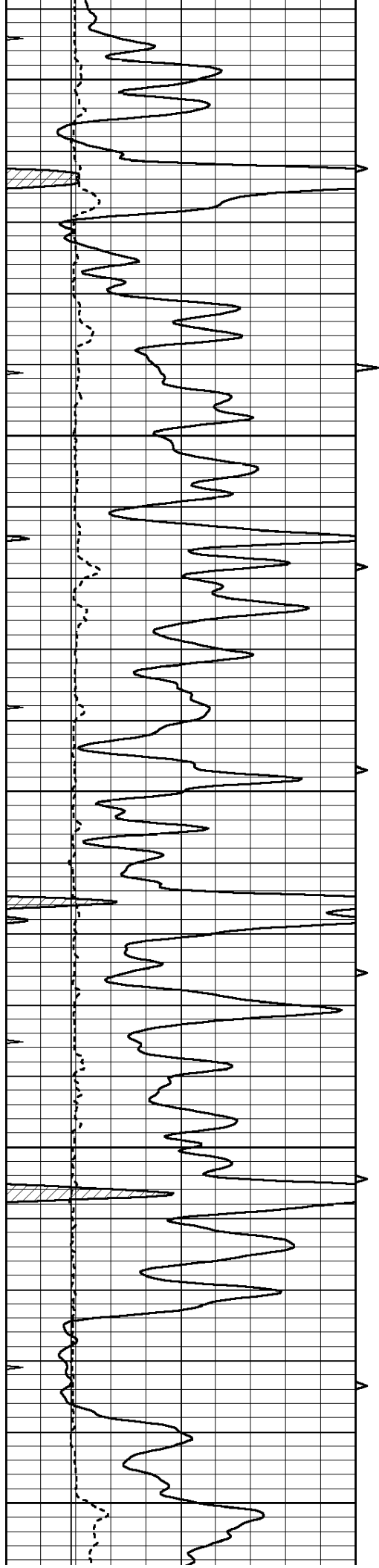
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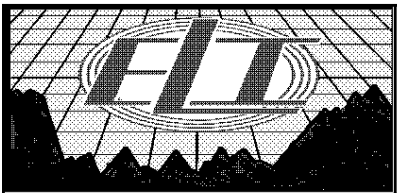
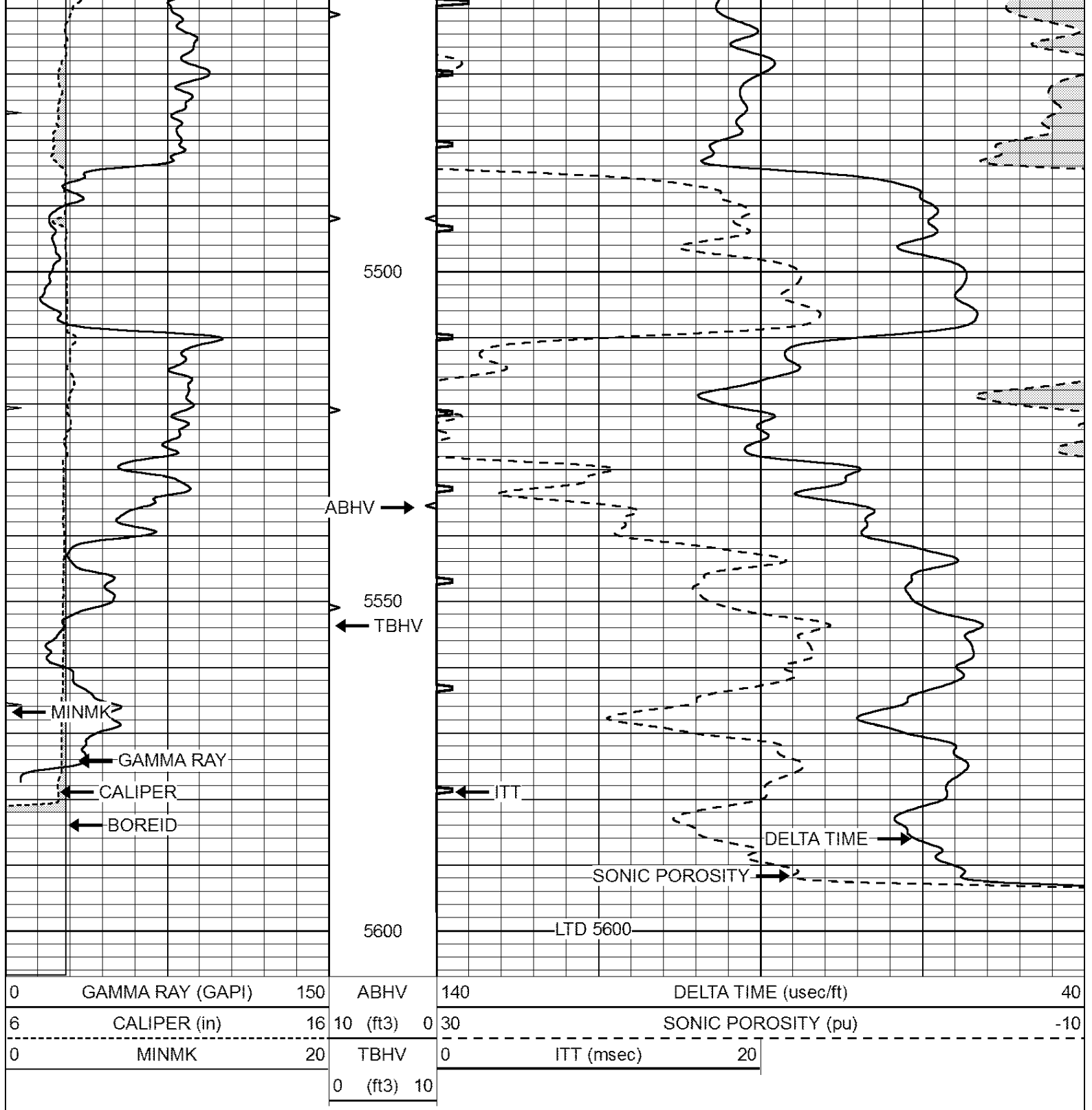
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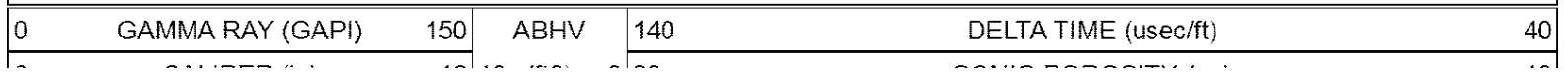




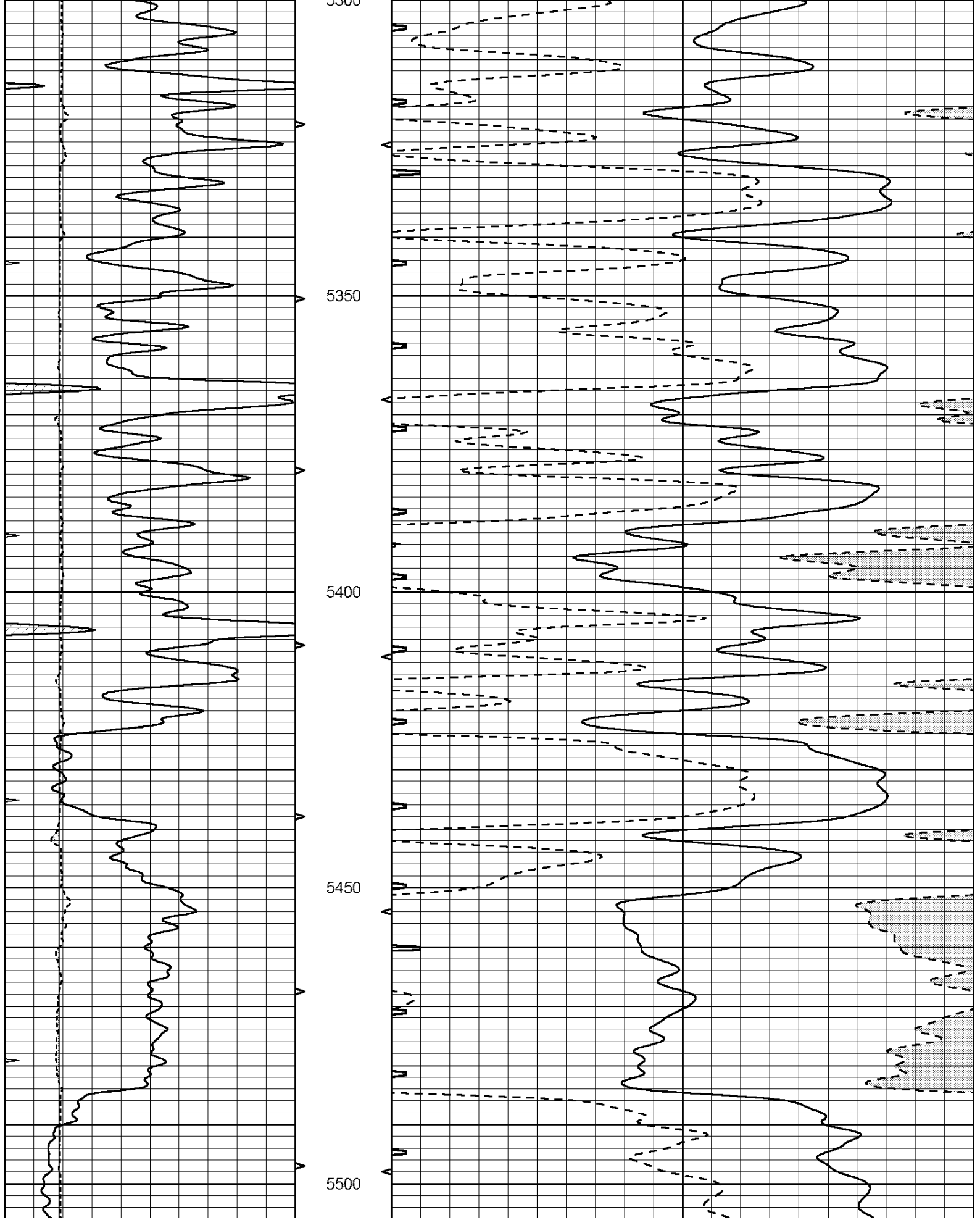


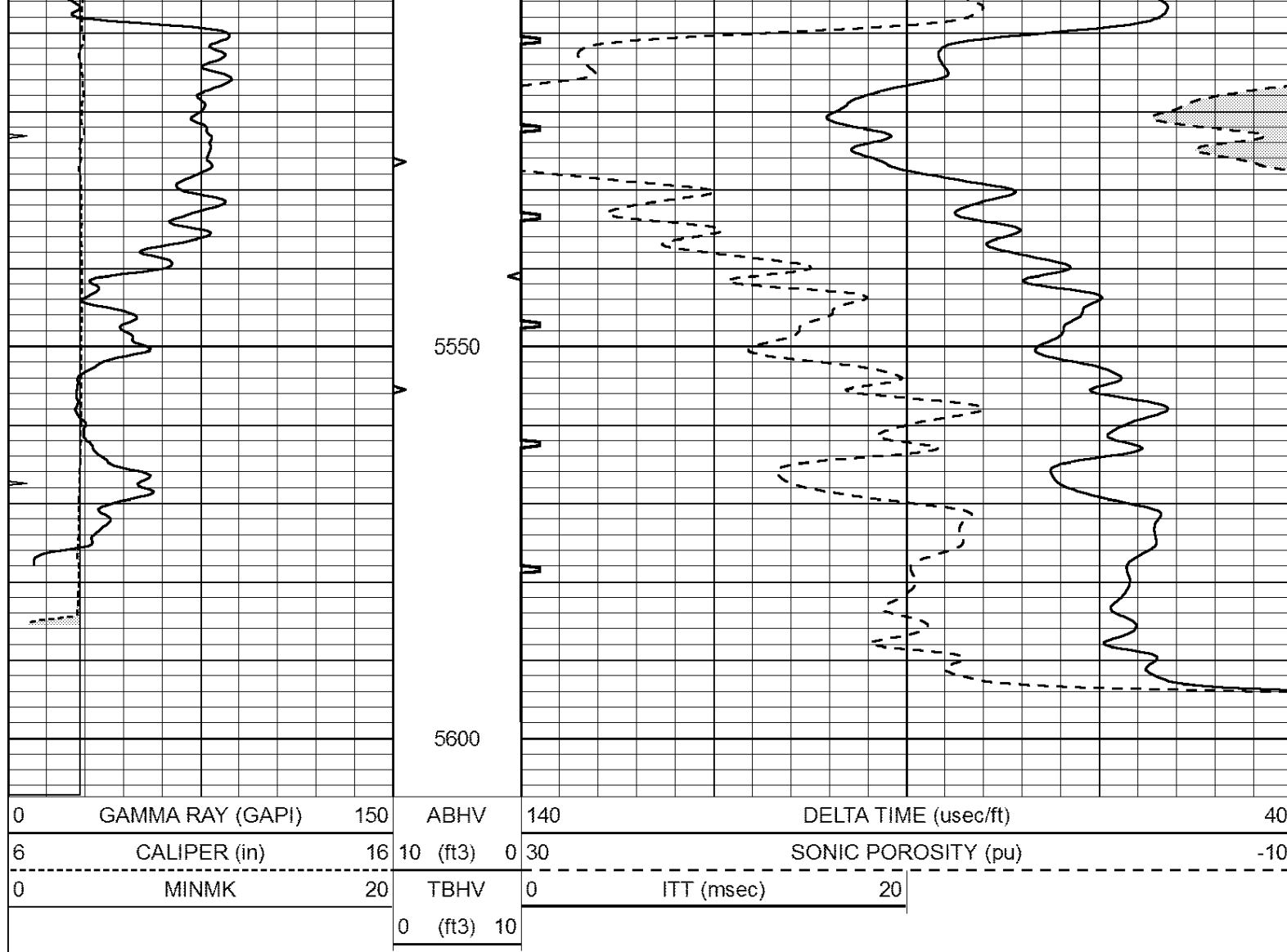
REPEAT SECTION

Database File: 4097pe.db
 Dataset Pathname: pass7.1
 Presentation Format: _slt
 Dataset Creation: Fri Oct 04 20:57:07 2019
 Charted by: Depth in Feet scaled 1:240



6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3) 10				





Calibration Report

Database File: 4097pe.db
Dataset Pathname: pass7.1
Dataset Creation: Fri Oct 04 20:57:07 2019

MICRO Calibration Report

Serial Number: Micro1
Tool Model: ProbeL
Performed: Thu Sep 12 10:50:26 2019

Caliper Calibration: Gain=2.030 Offset=6.555
References Low Cal High Cal
Readings 9.500 13.000
0.308 2.032

1.5" Calibration: Gain=56.134 Offset=-1.000
References Low Cal High Cal
Readings 0.000 20.000
0.004 0.832

2" Calibration: Gain=52.000 Offset=-0.300
References Low Cal High Cal
Readings 0.000 20.000
0.022 0.793

Gamma Ray Calibration Report

Serial Number:	GR5
Tool Model:	OPEN
Performed:	Thu Sep 12 10:48:02 2019

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:	0.5000	GAPI/cps
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