



SONIC LOG

Company	WOOLSEY OPERATING COMPANY, LLC.		
Well	BAUER#1		
Field	BAUER SOUTH		
County	HARPER		
State	KANSAS		
Company	WOOLSEY OPERATING COMPANY, LLC.		
Well	BAUER#1		
Field	BAUER SOUTH		
County	HARPER		
State	KANSAS		
Location:	API # : 15-077-22183-00-00		Other Services CDL/CNL ML
2045' FNL & 2045' FEL			
SEC 16 TWP 31S RGE 6W			
Permanent Datum	GROUND LEVEL		Elevation 1460
Log Measured From	KELLY BUSHING 13' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Elevation	K.B. 1473 D.F. 1471 G.L. 1460		
Date	08/12/19		
Run Number	TWO		
Depth Driller	4415		
Depth Logger	4411		
Bottom Logged Interval	4401		
Top Log Interval	00		
Casing Driller	8 5/8" @ 265		
Casing Logger	265		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/63		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.9@82		
Rmt @ Meas. Temp	.66@82		
Rmc @ Meas. Temp	1.08@82		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.62@120		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	120F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BILLY KLAVER		
	TJ DREILING		

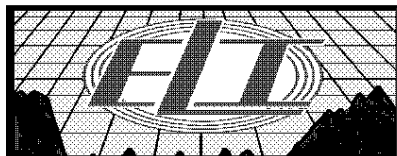
<<< Fold Here >>>

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

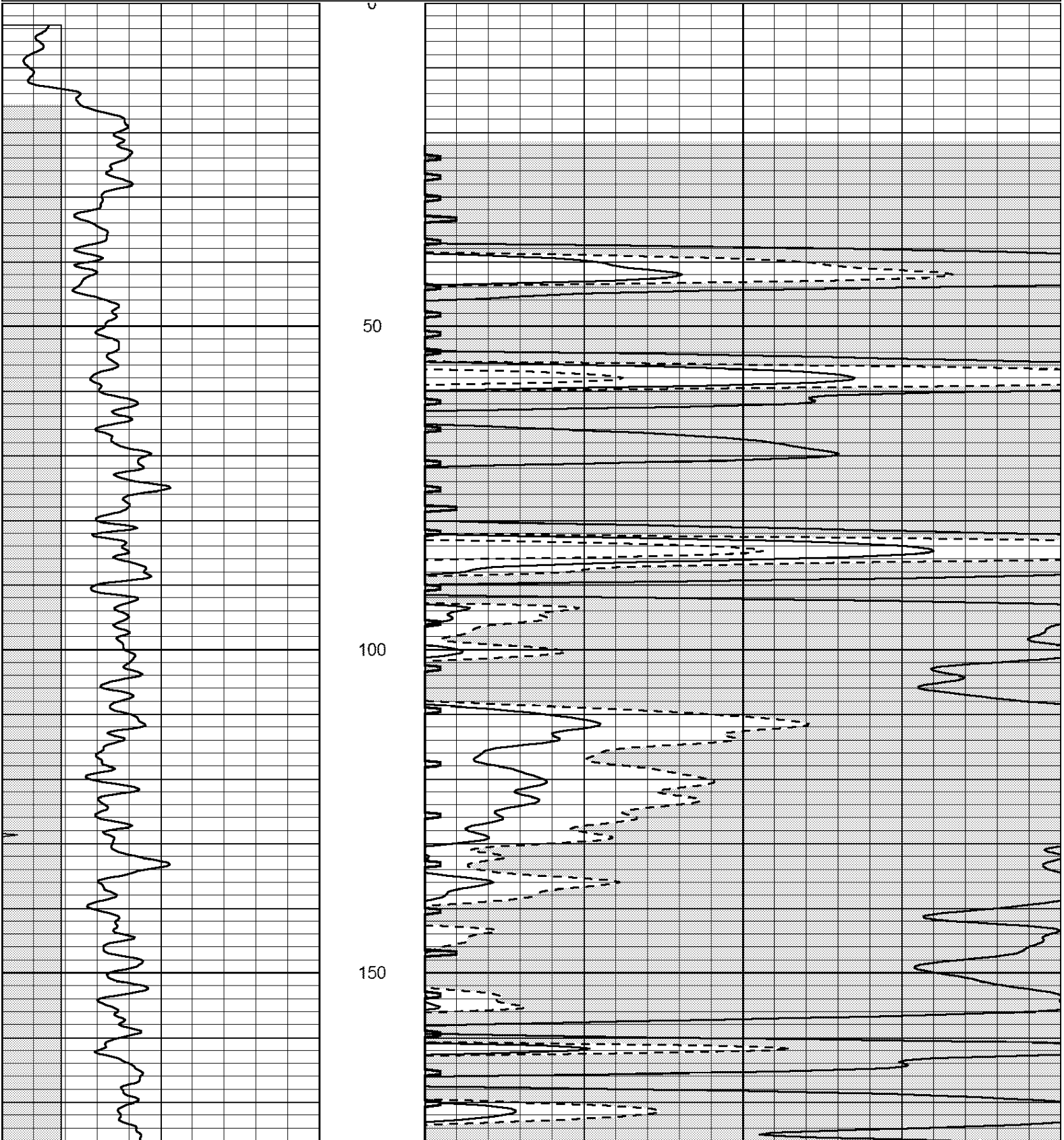
DIRECTIONS
NE HARPER 3 MILES, 1.5 NORTH, WEST INTO.

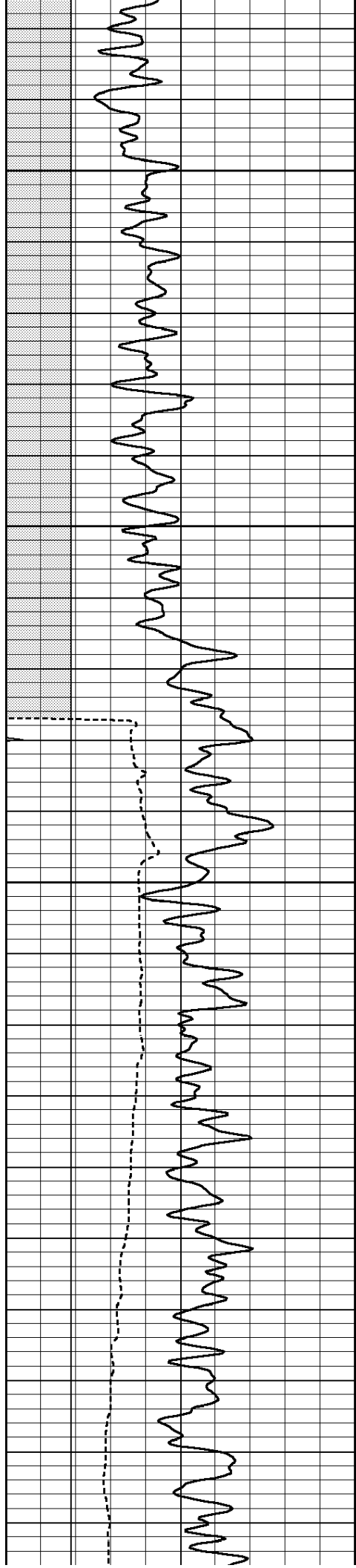


MAIN PASS

Database File: 4083pe.db
Dataset Pathname: pass5.1
Presentation Format: _slt
Dataset Creation: Mon Aug 12 14:56:32 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			



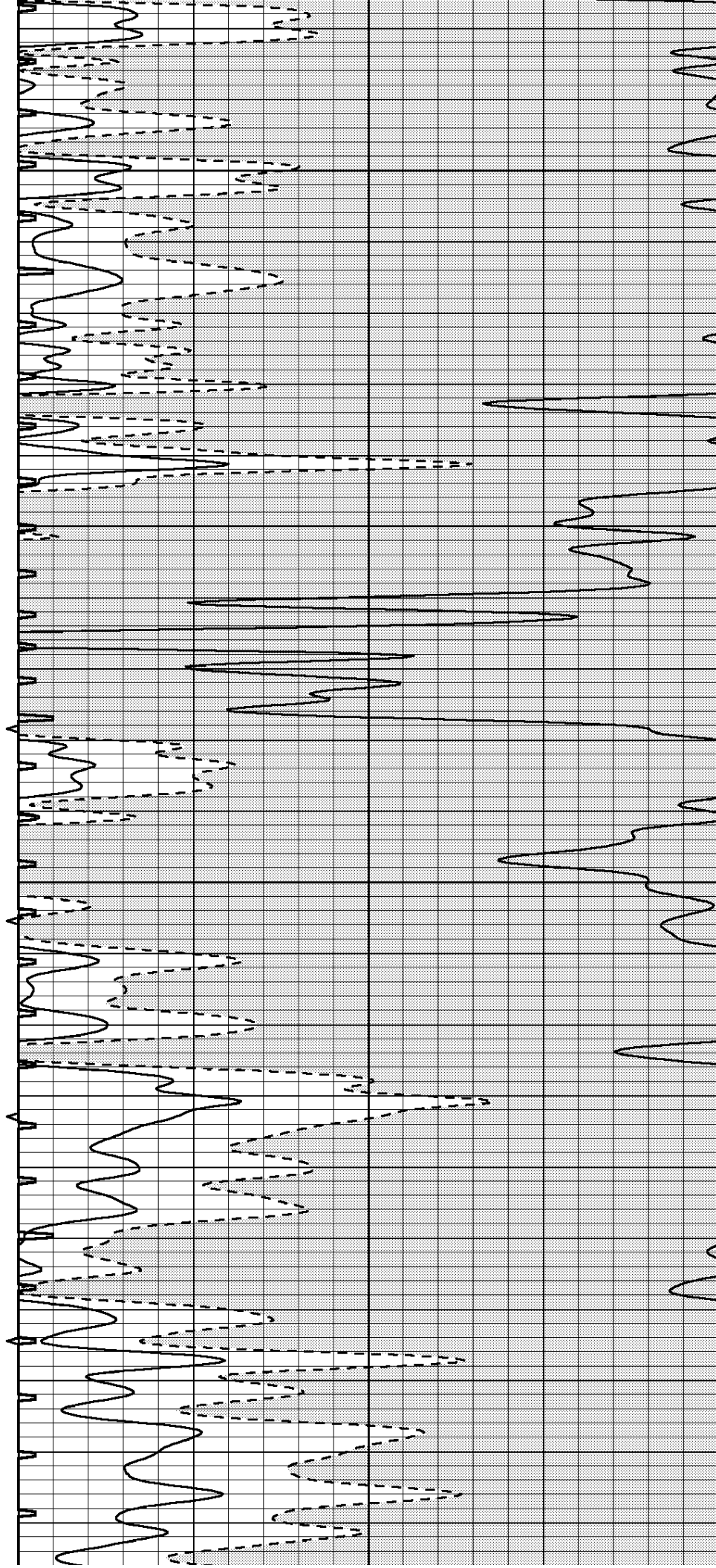


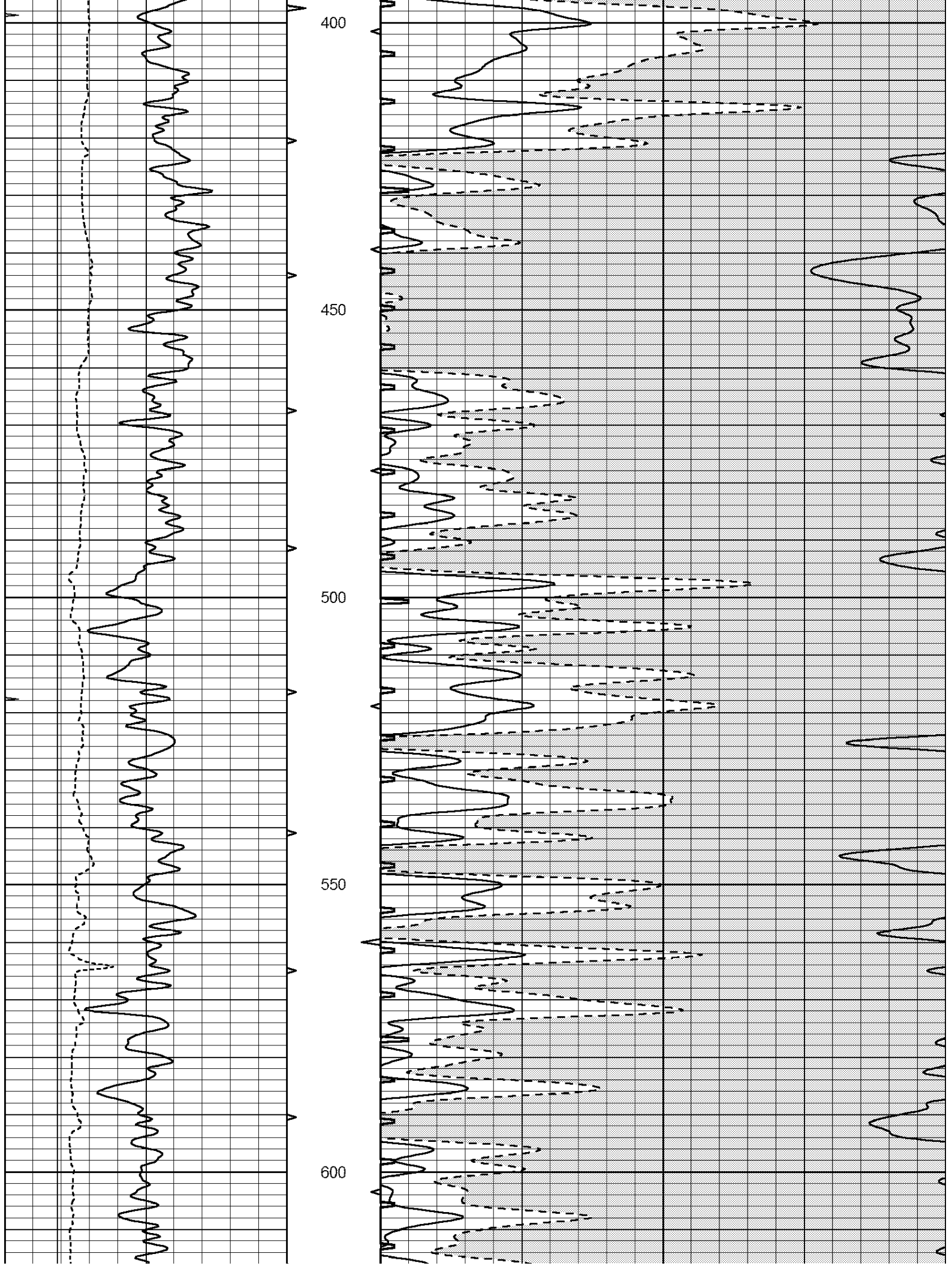
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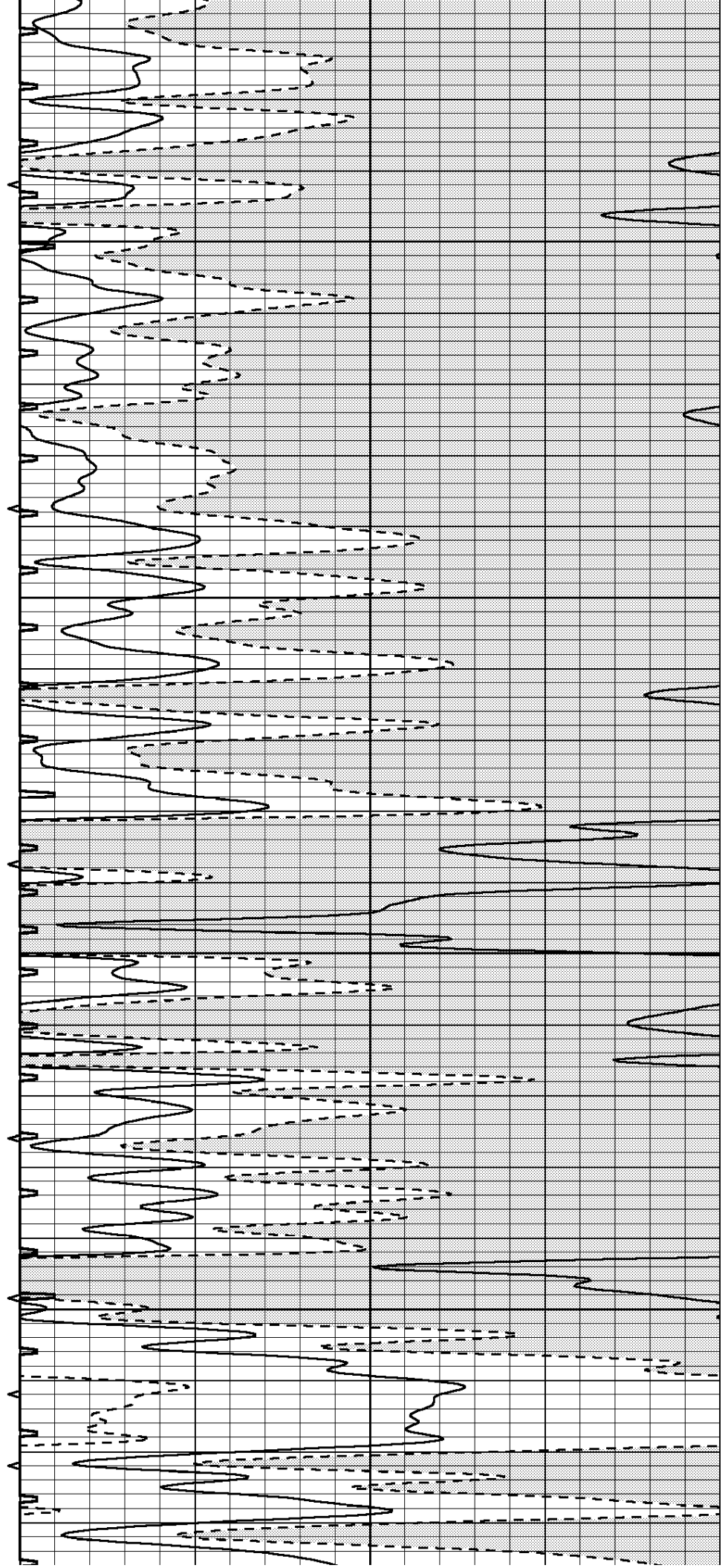
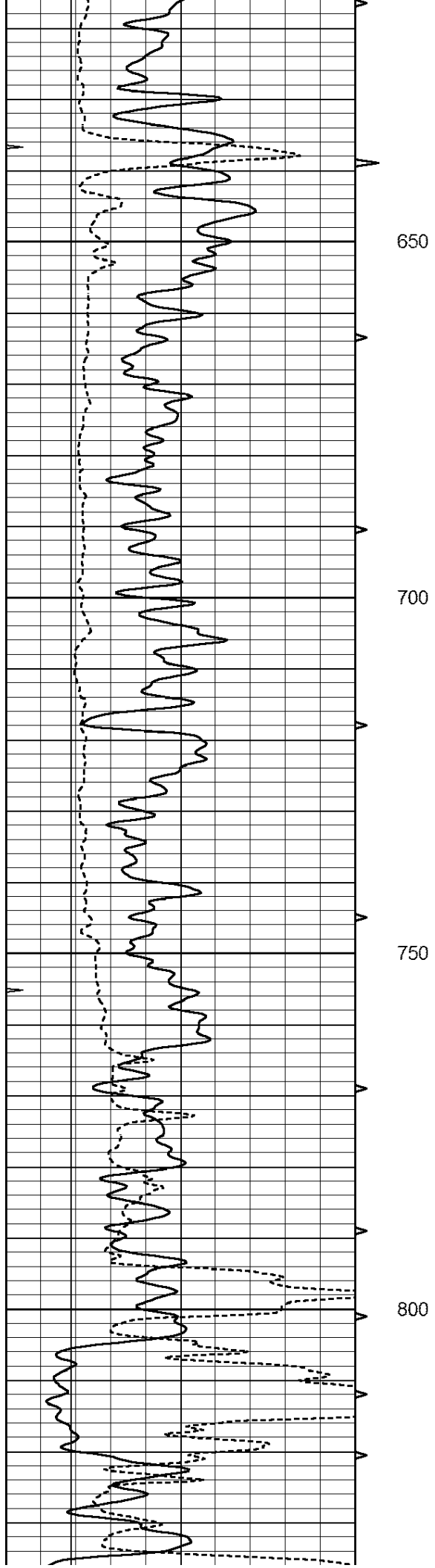
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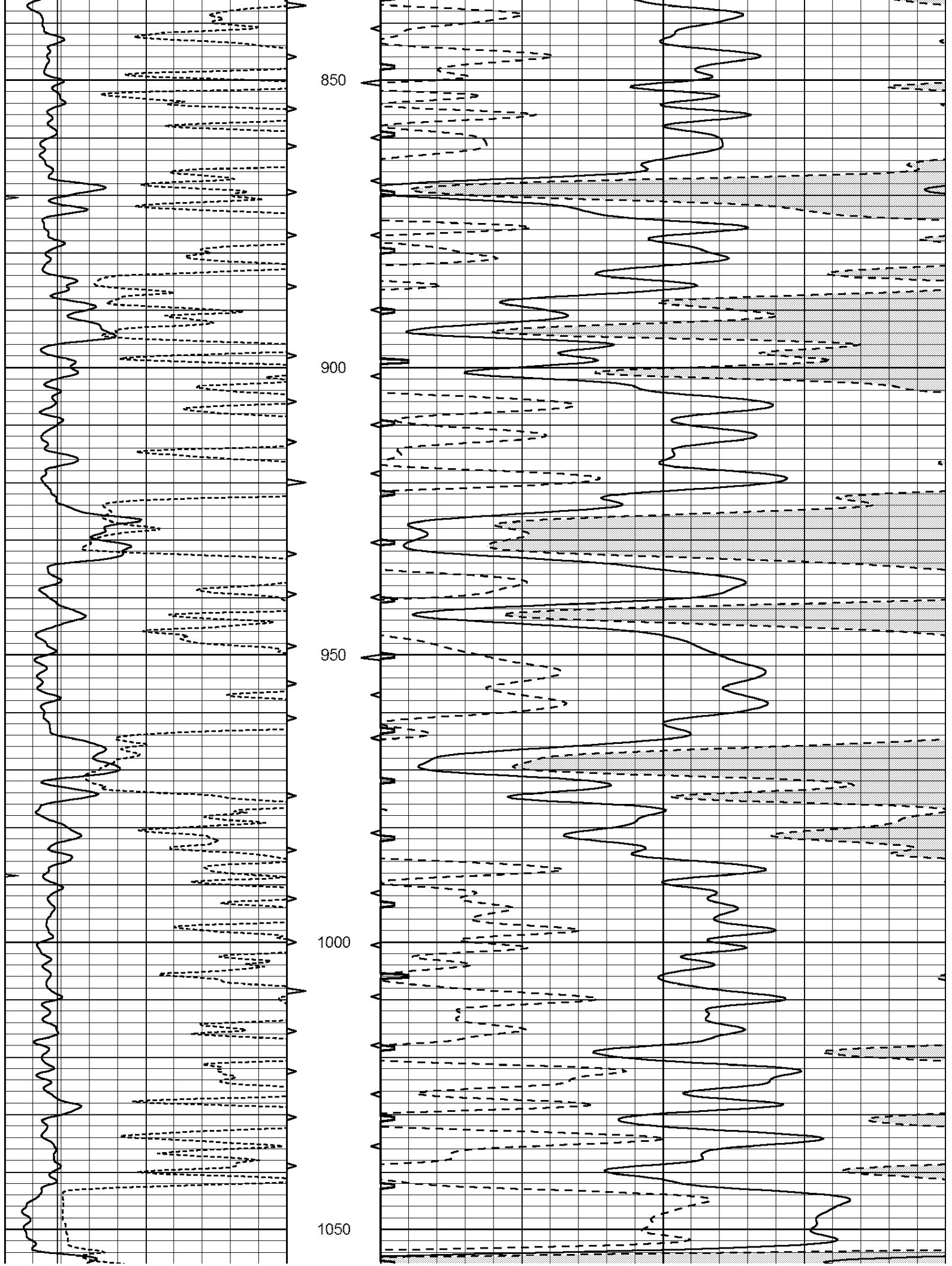
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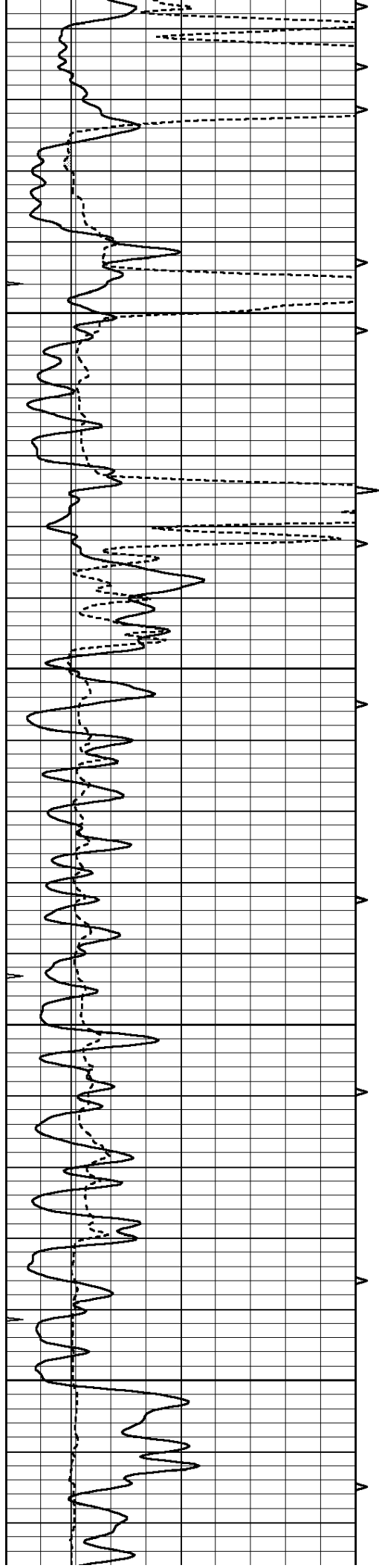
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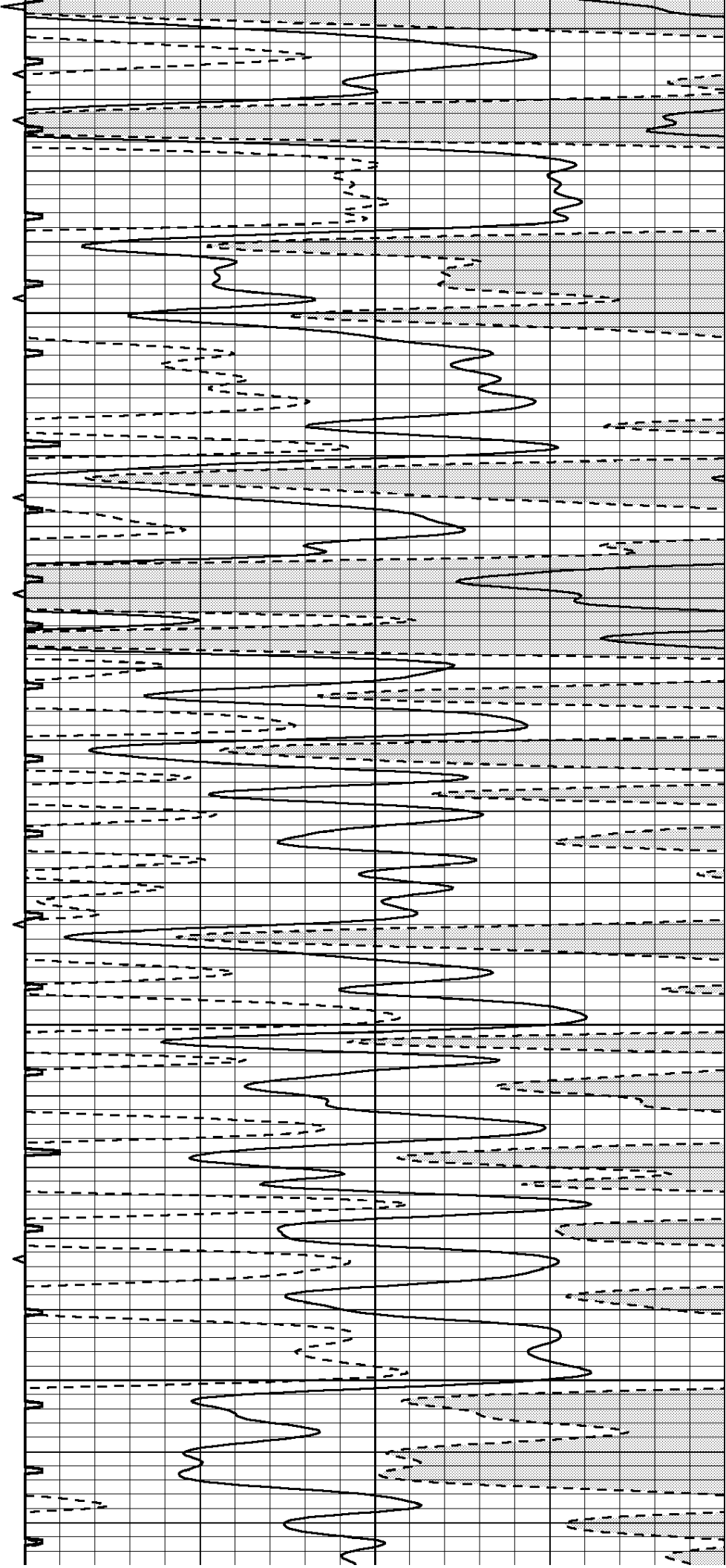


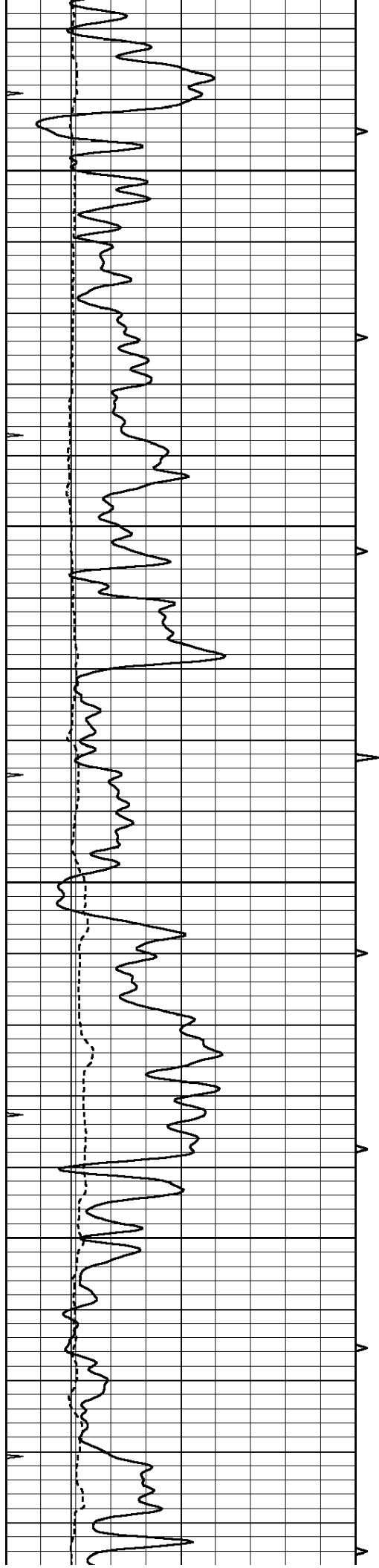
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1150

1200

1250



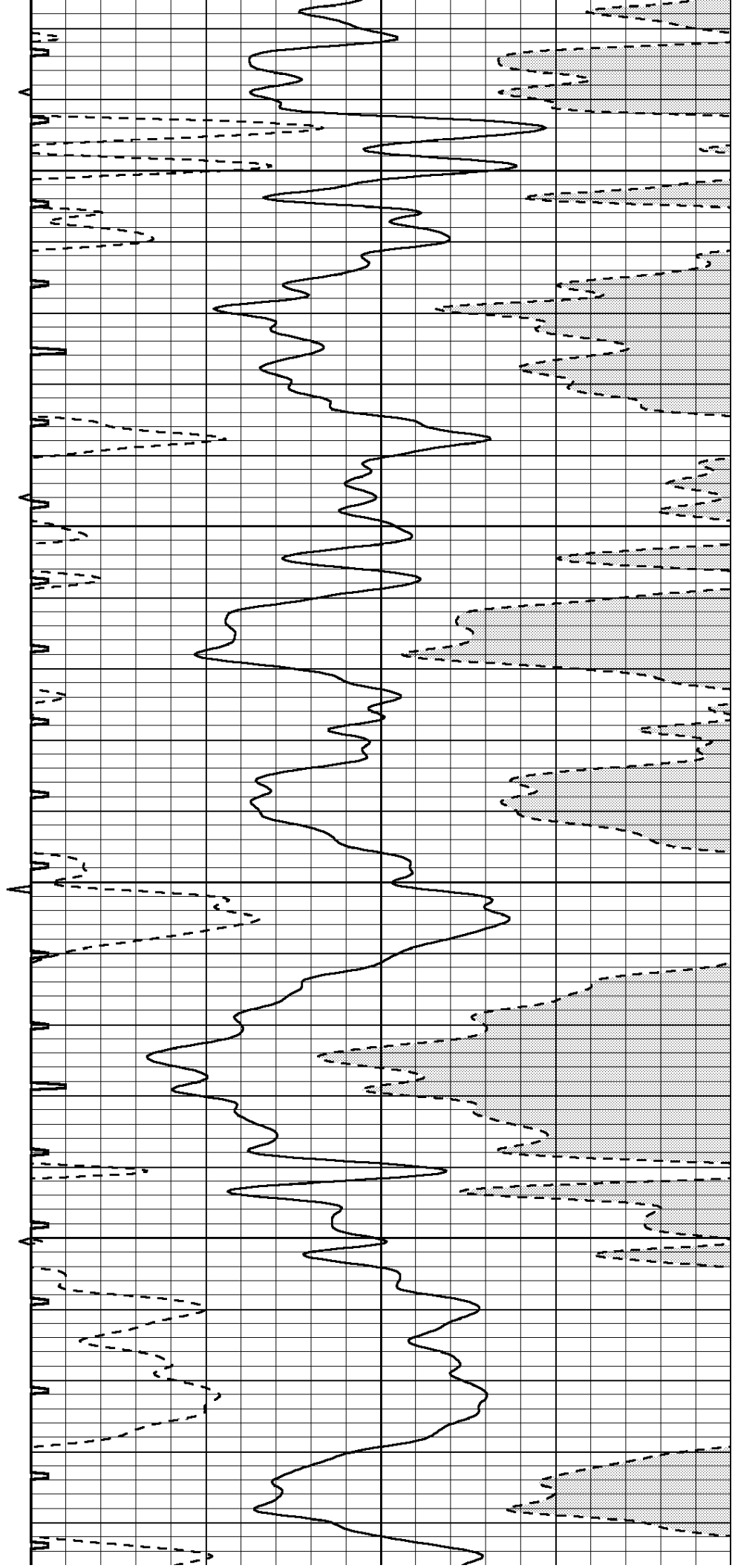


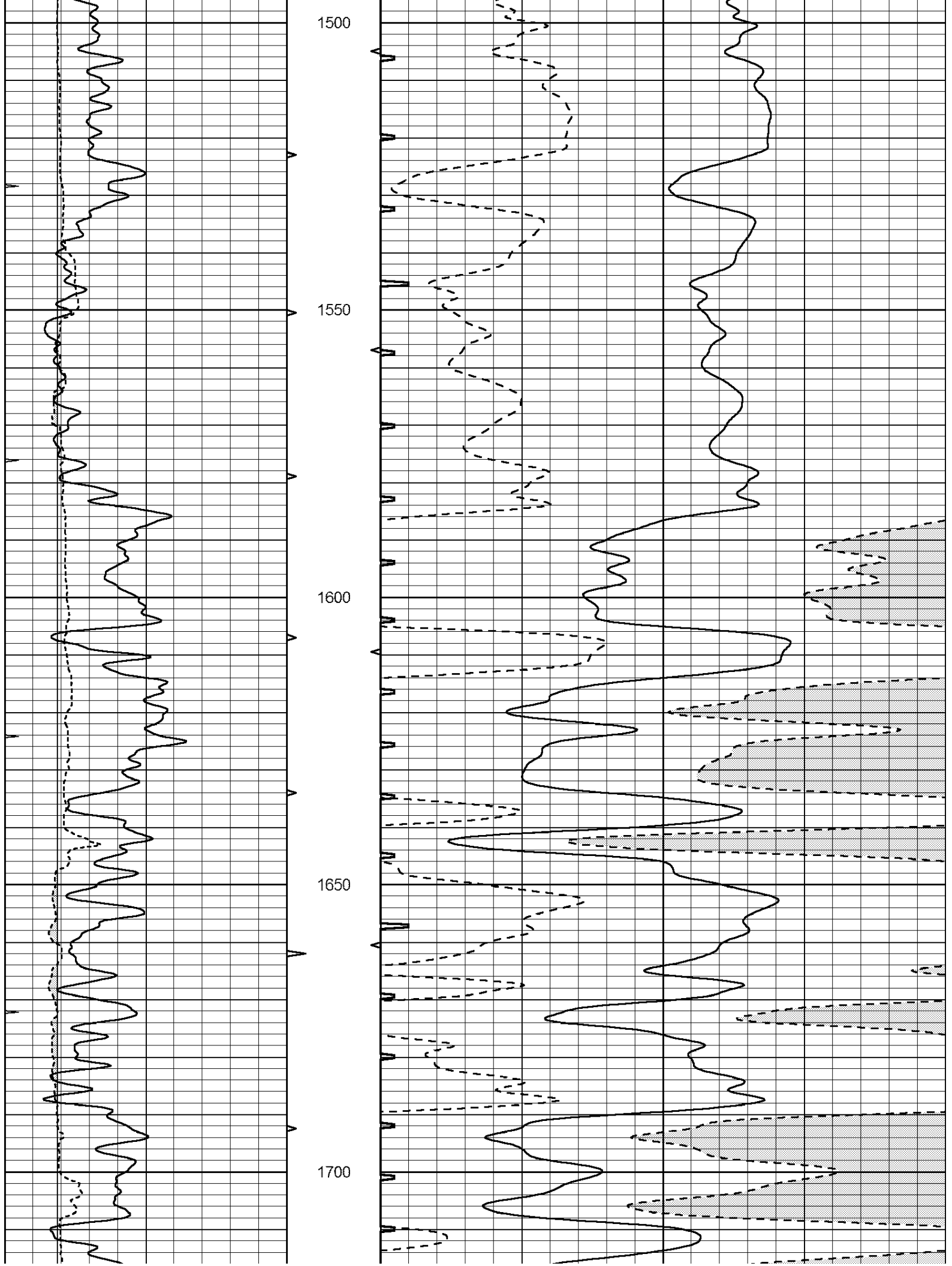
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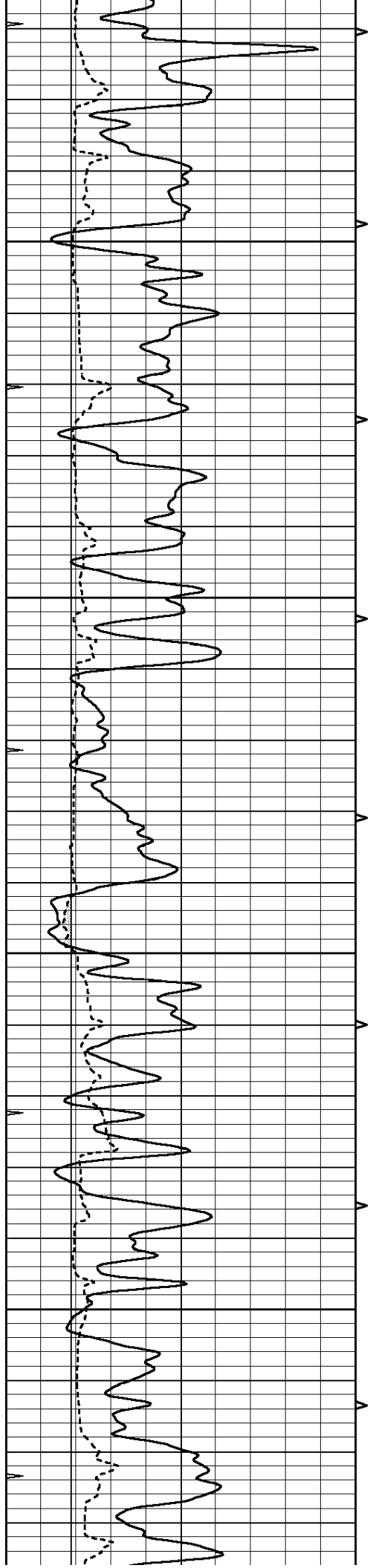
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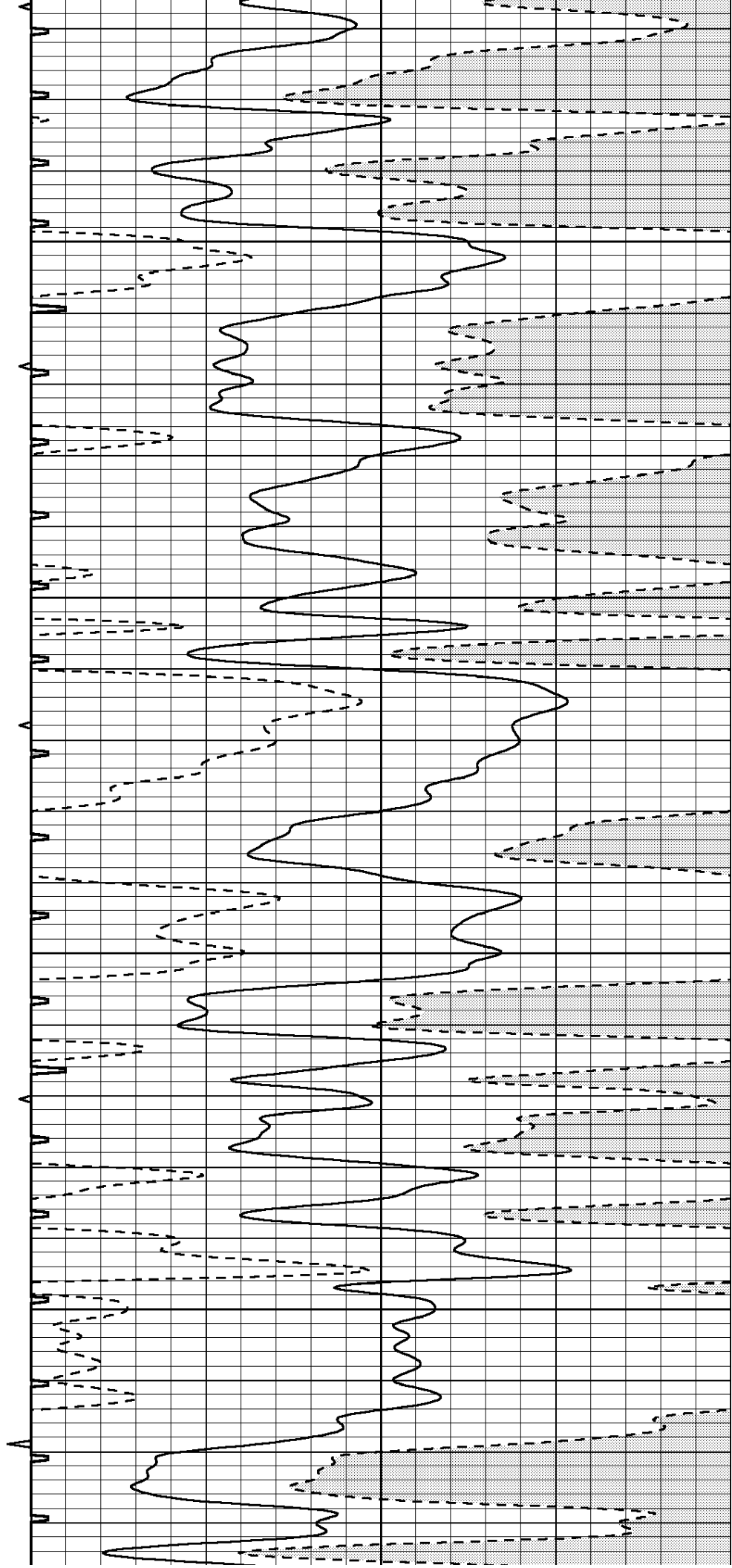


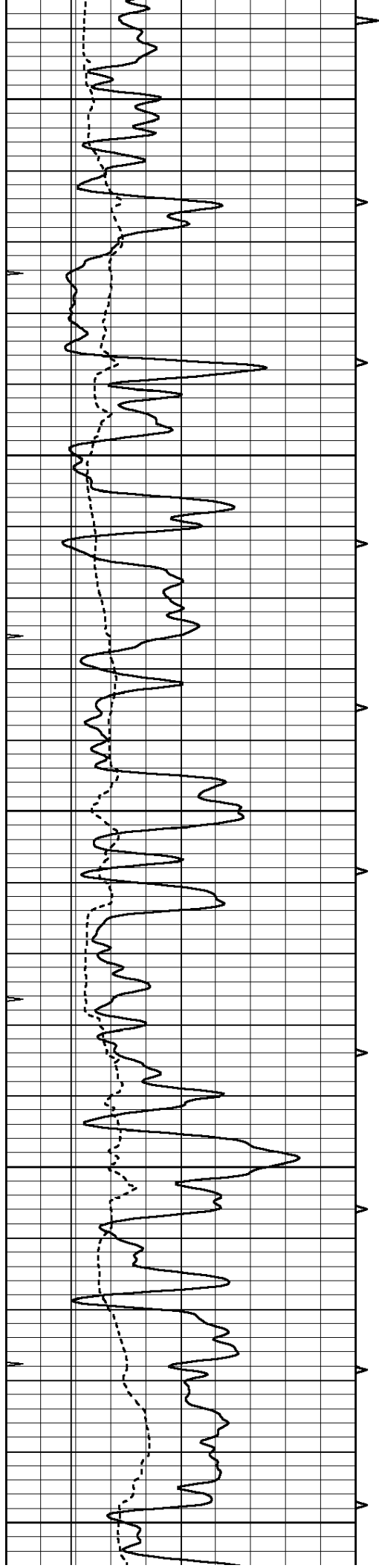
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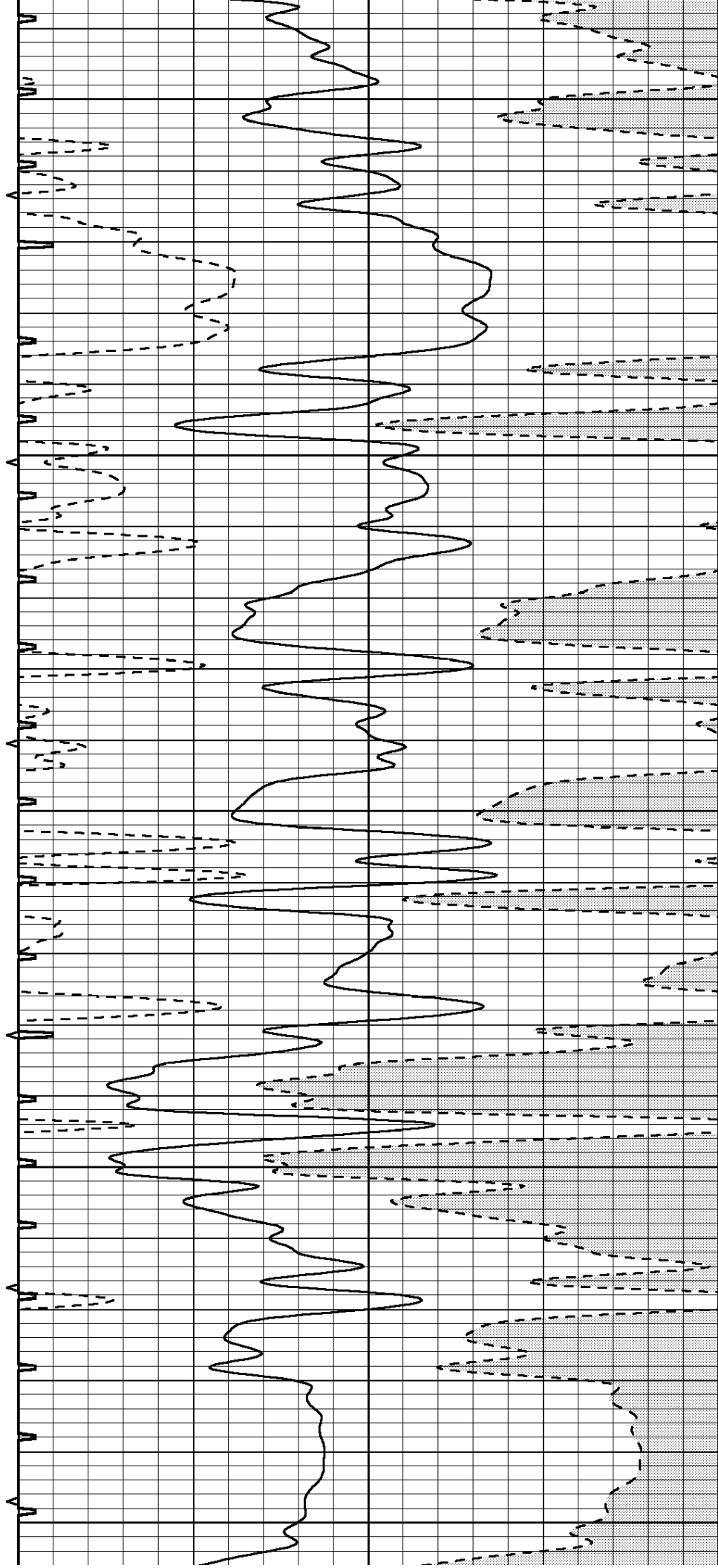
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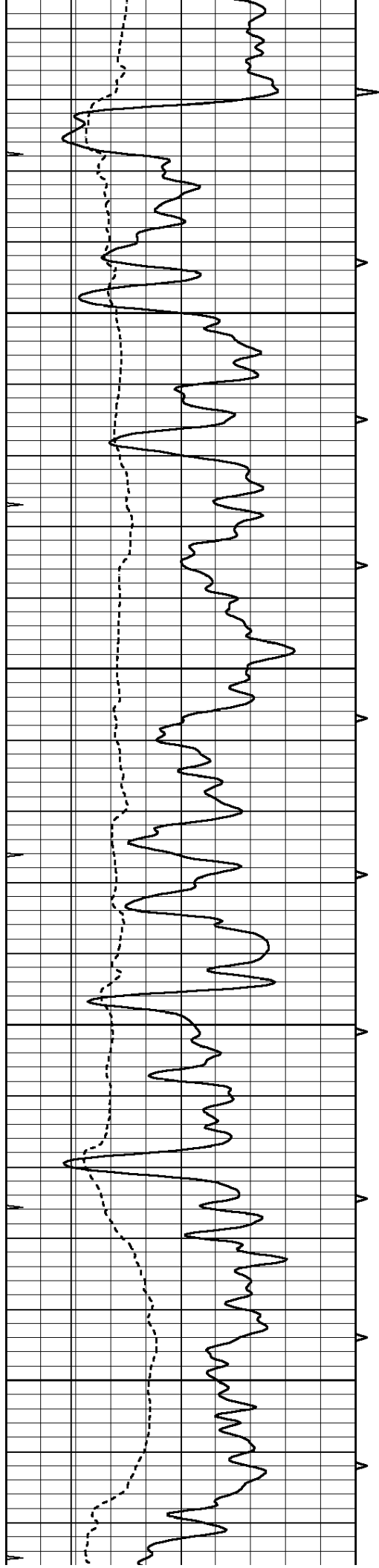
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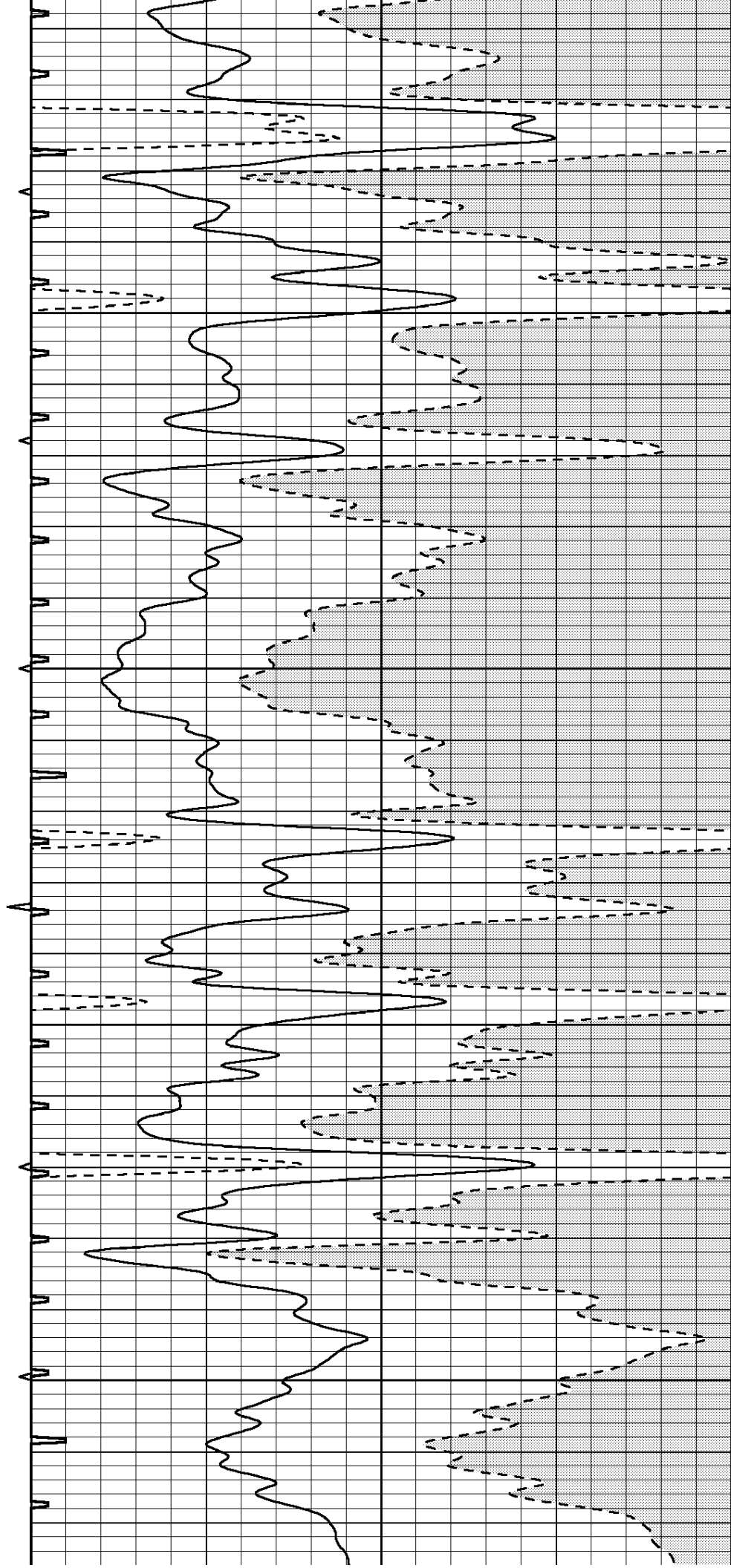


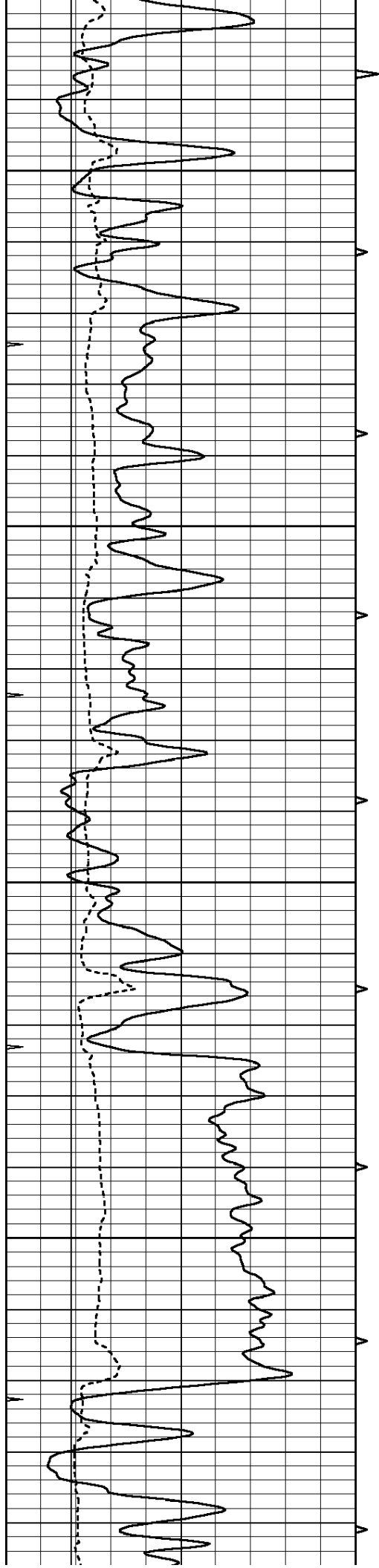
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2300

2350



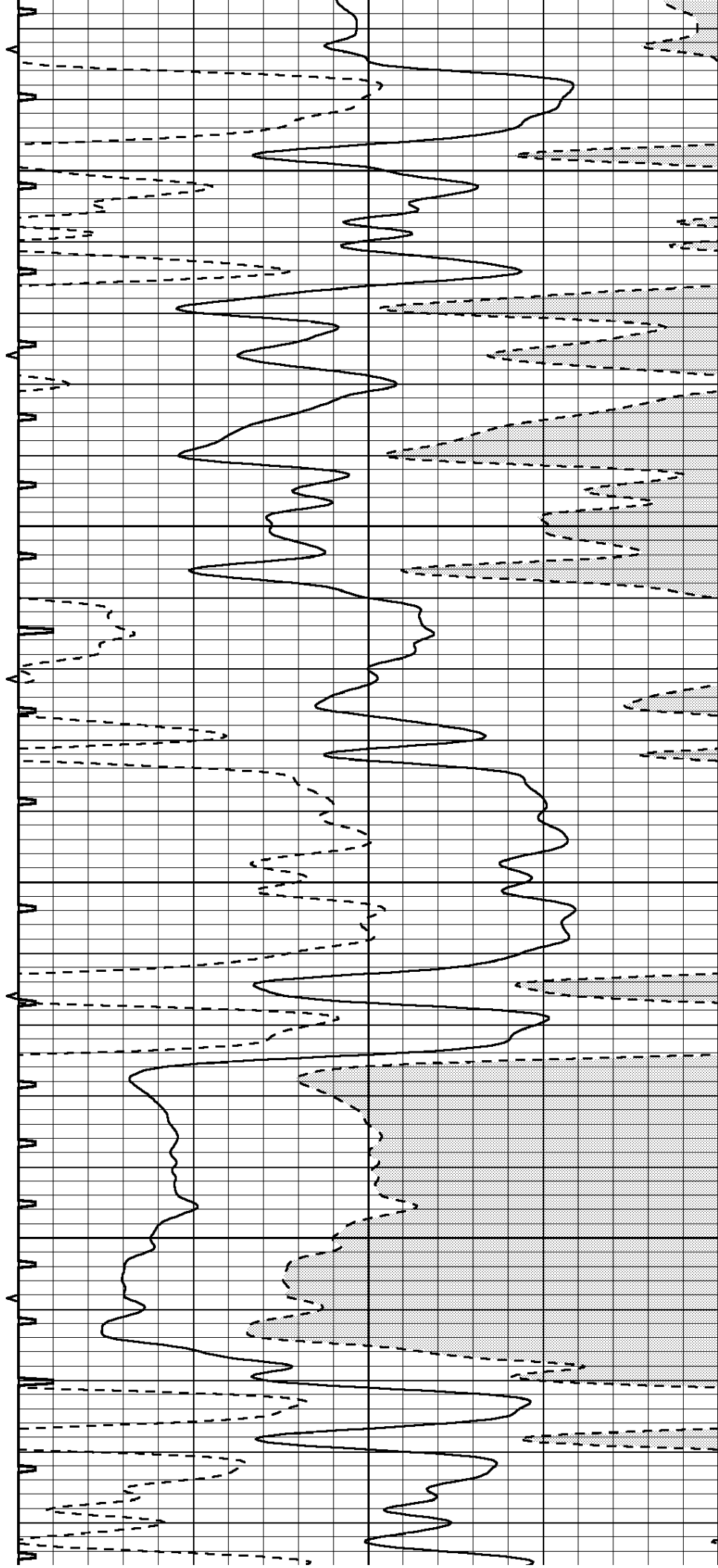


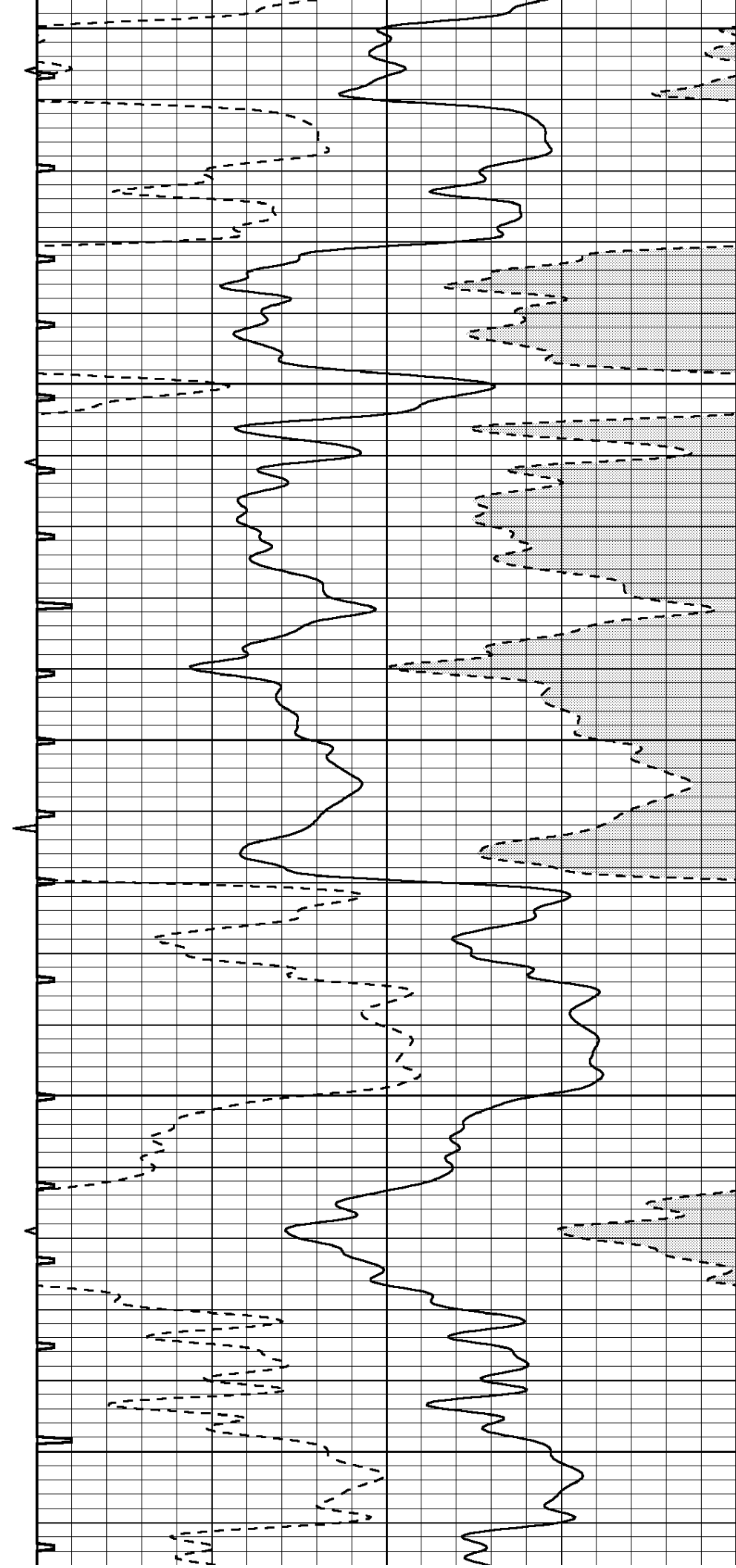
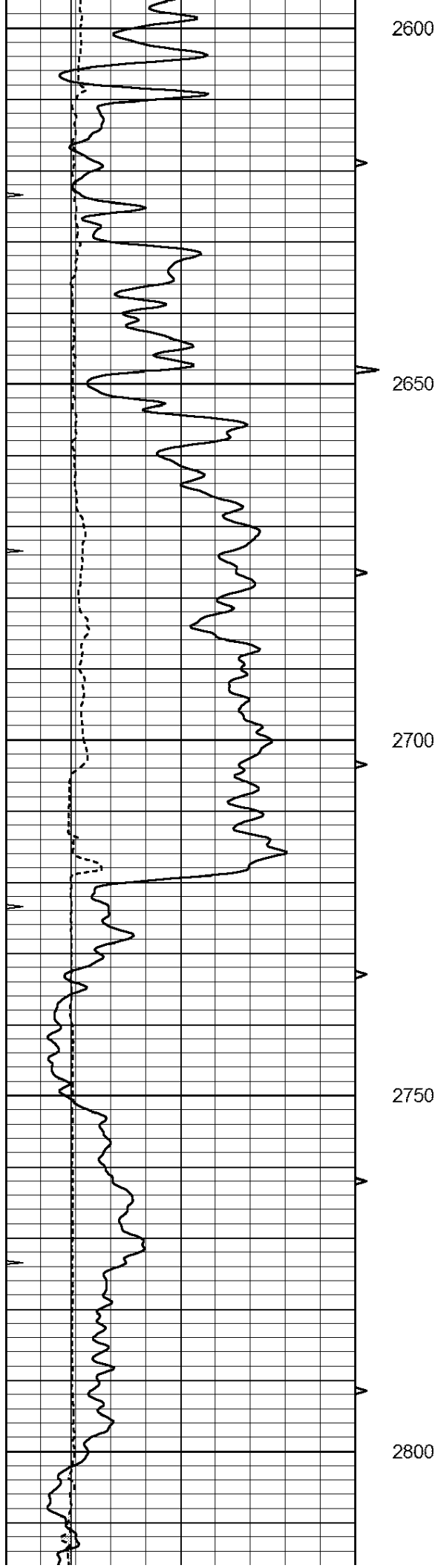
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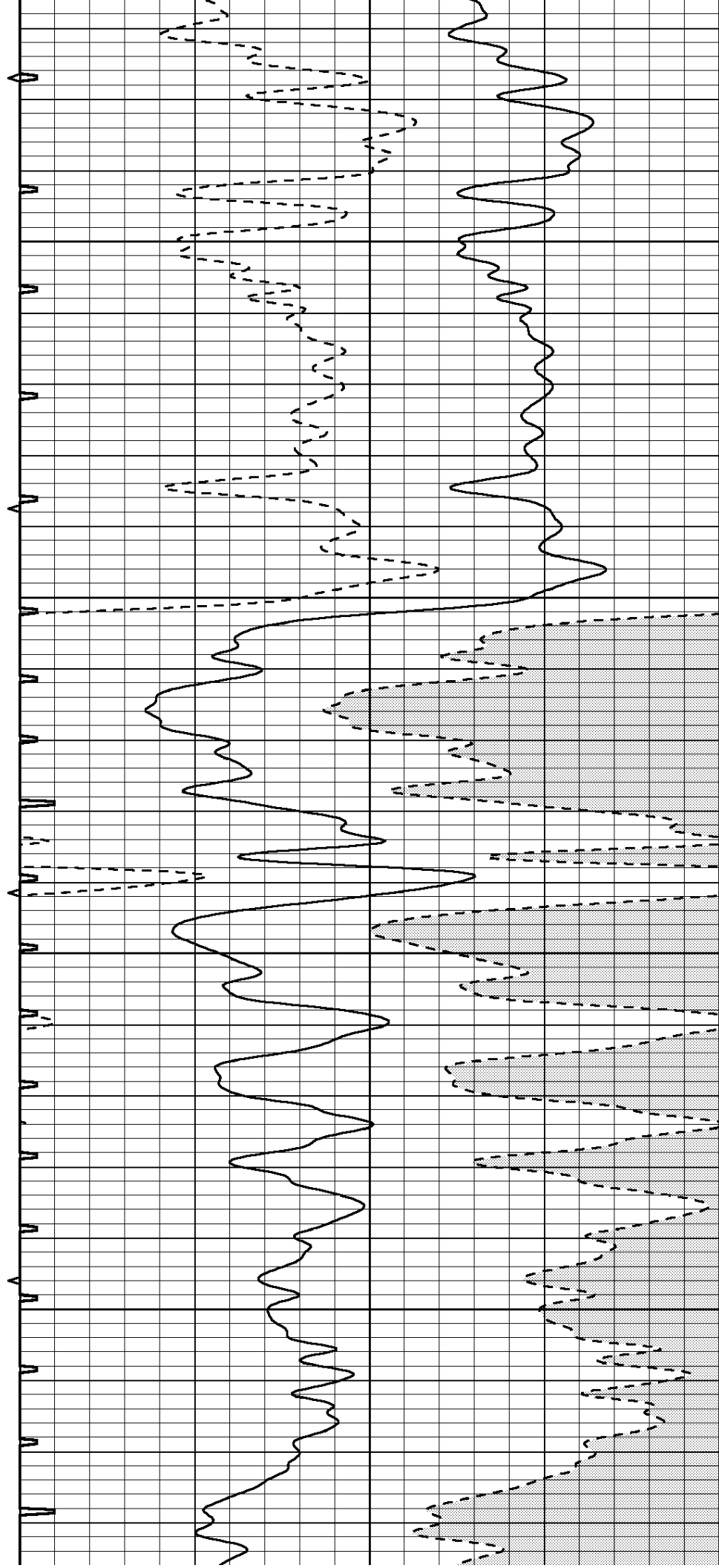
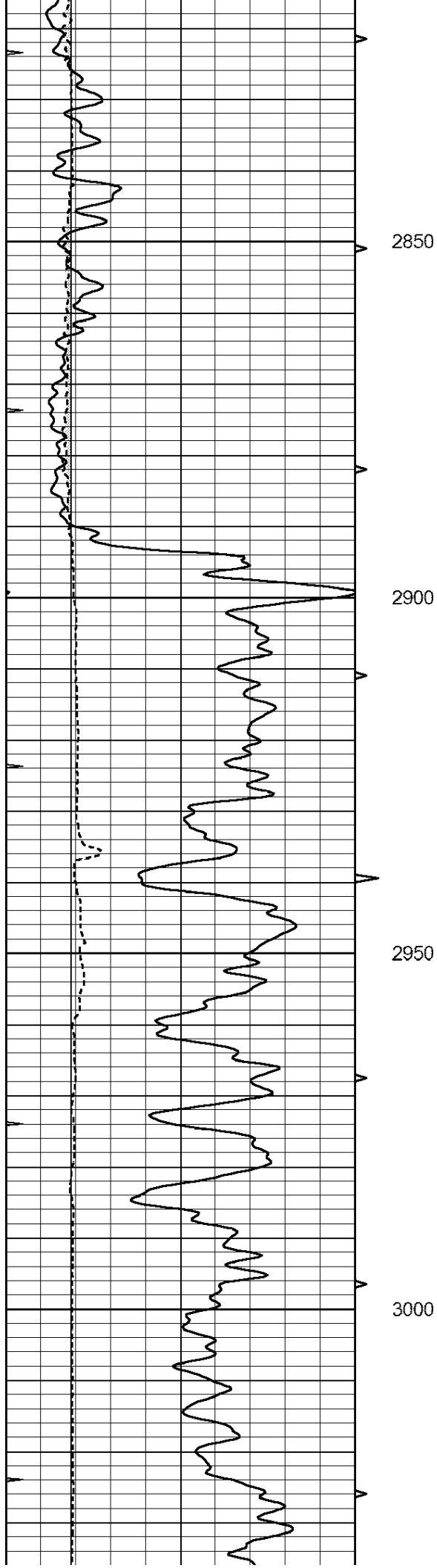
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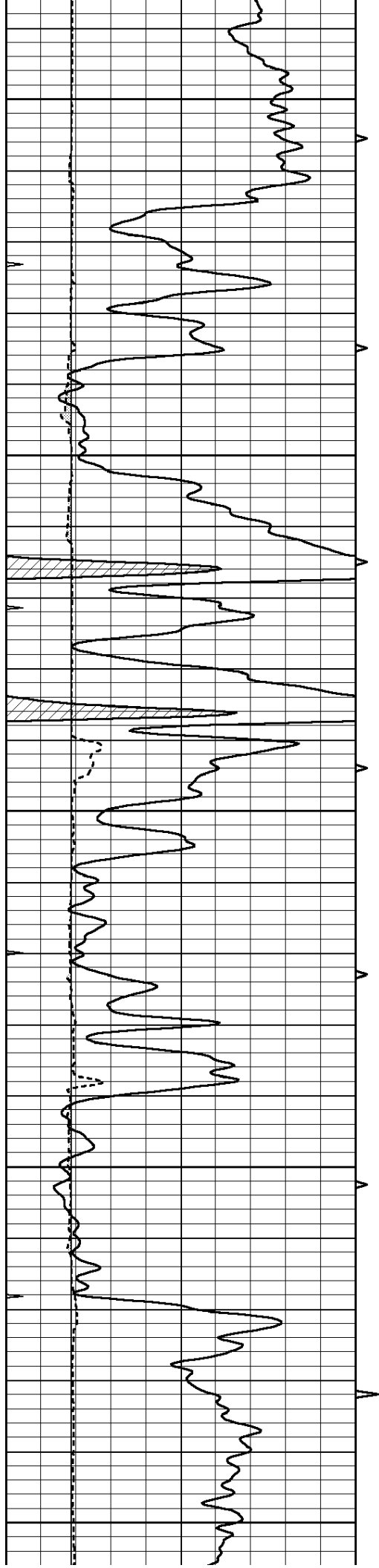
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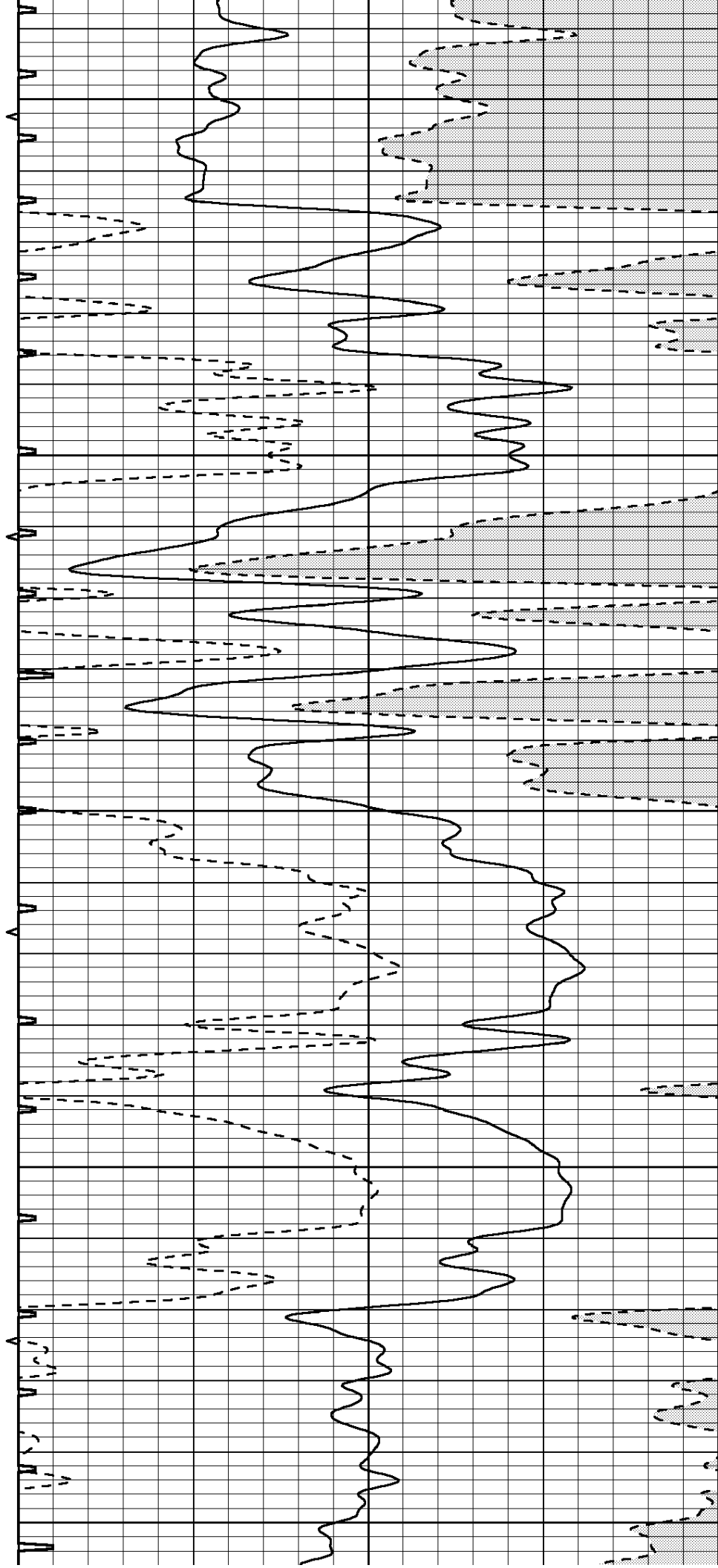
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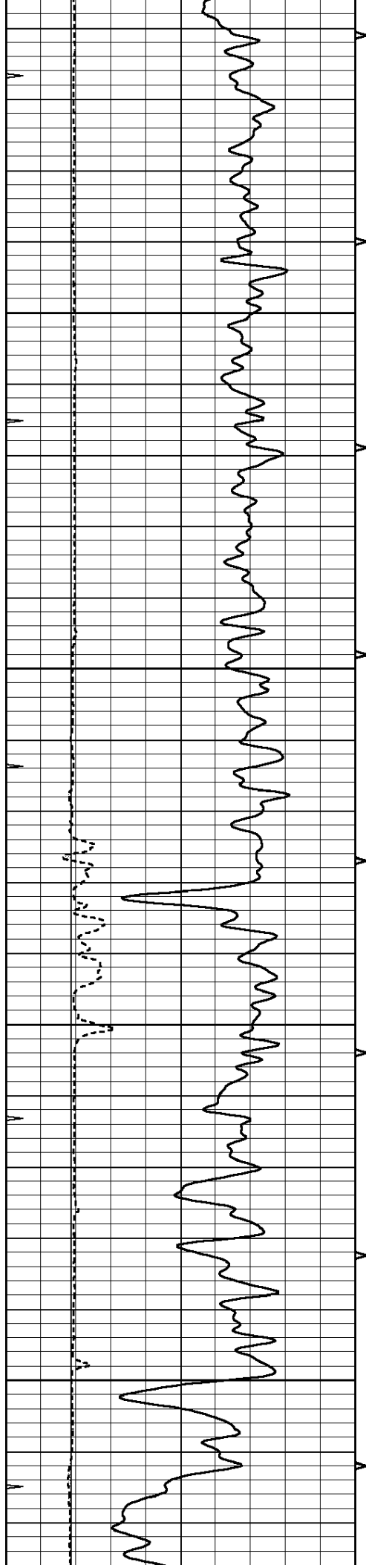
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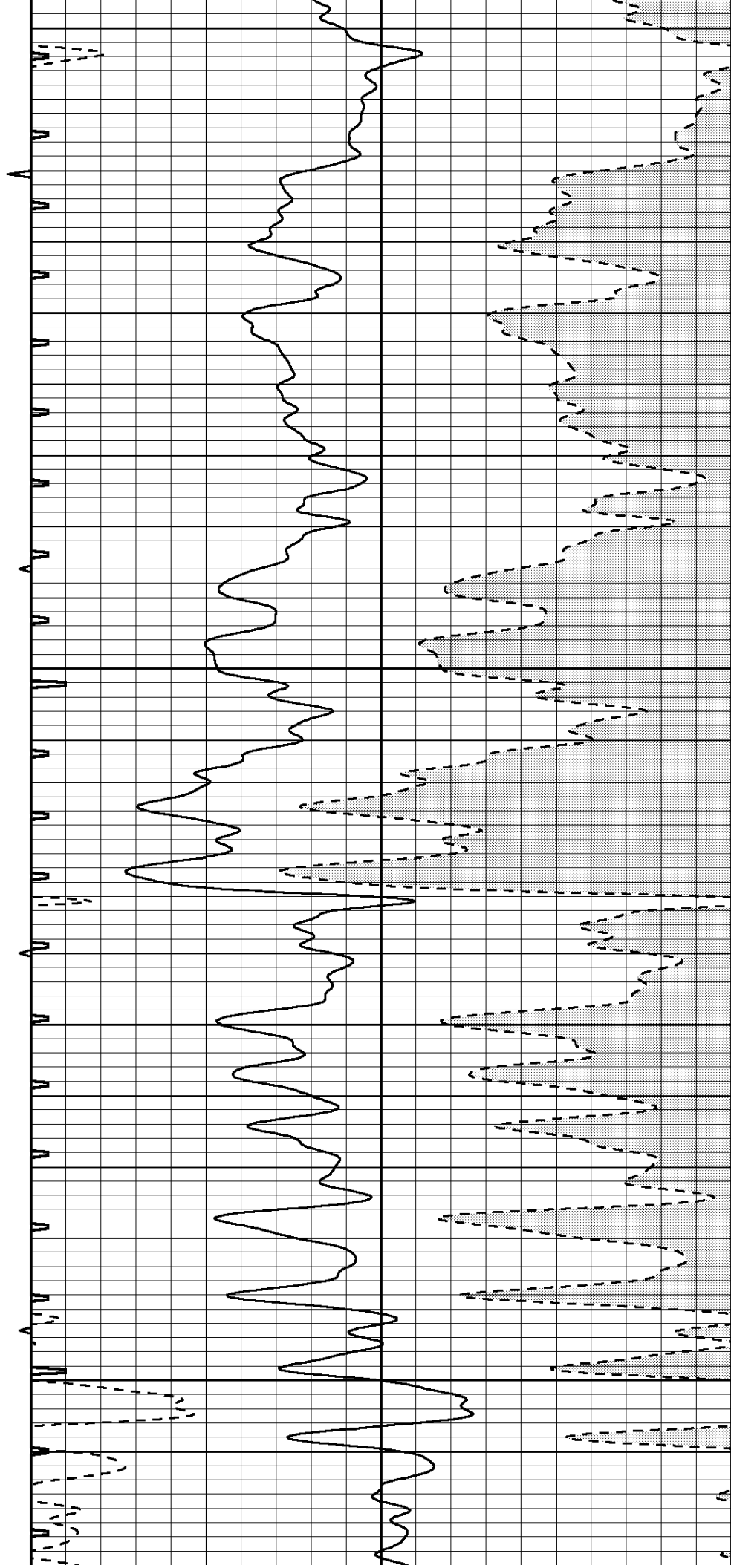


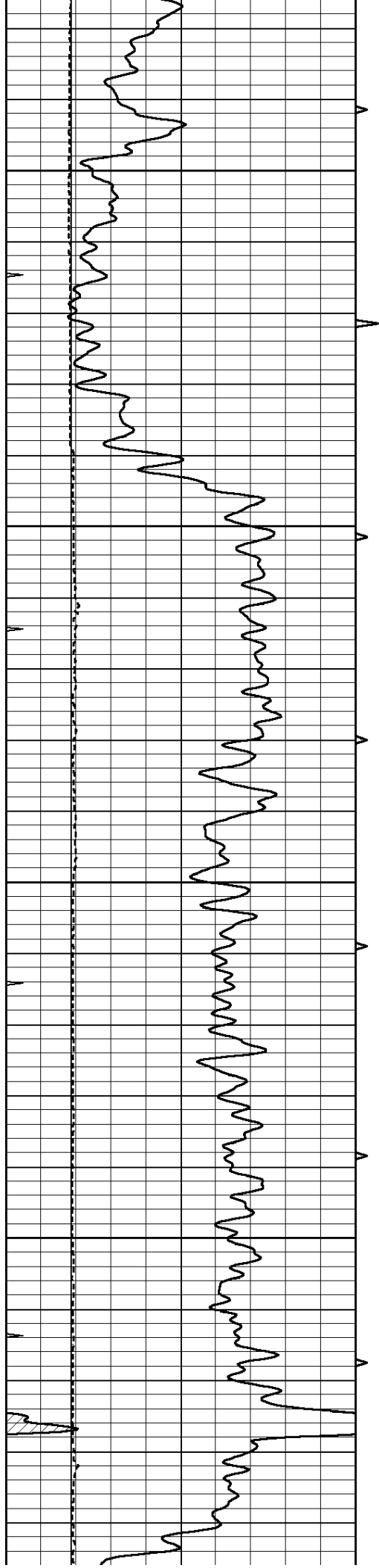
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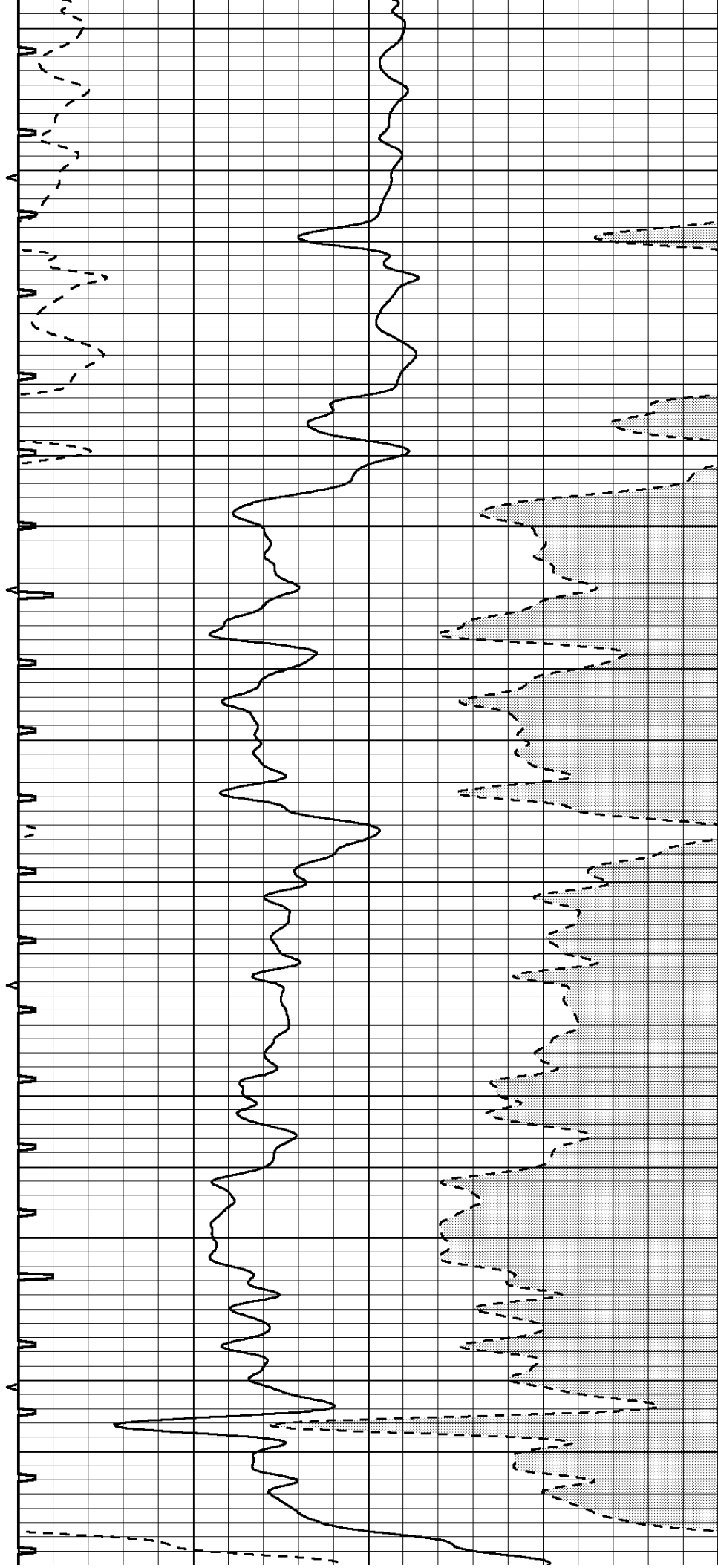


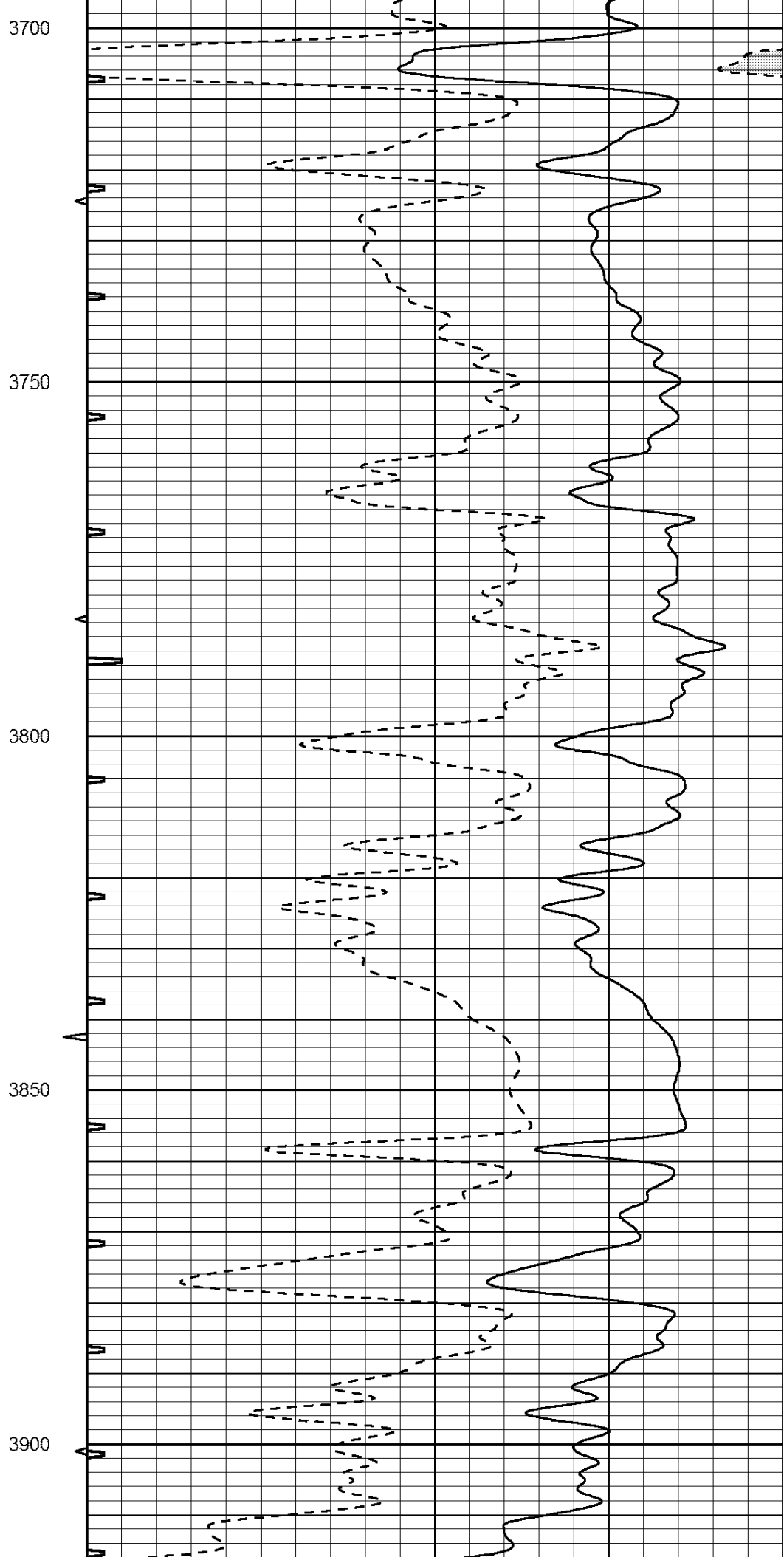
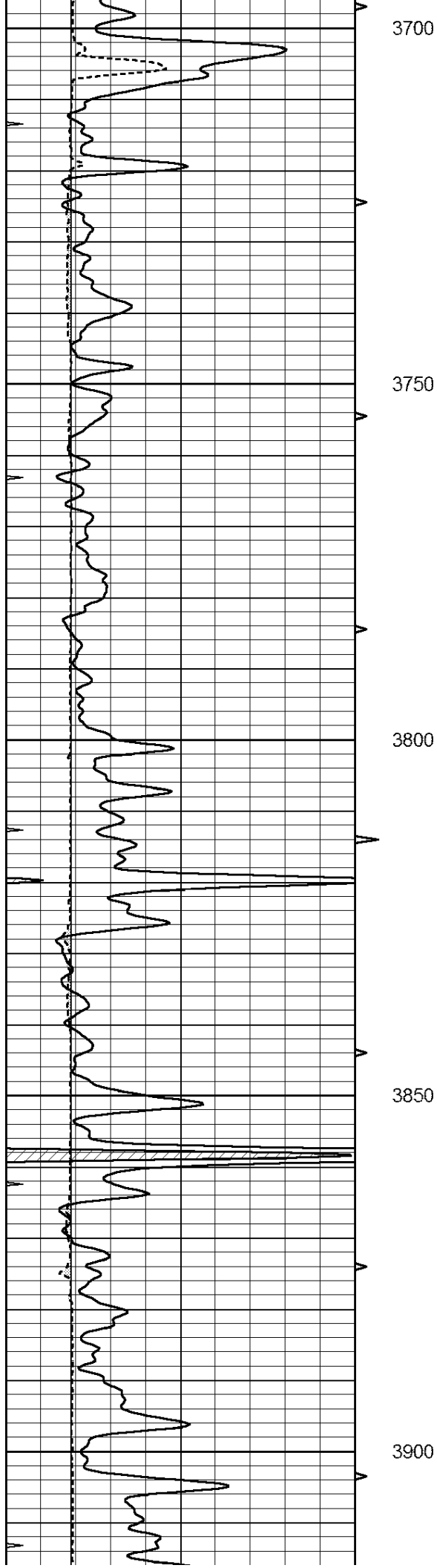
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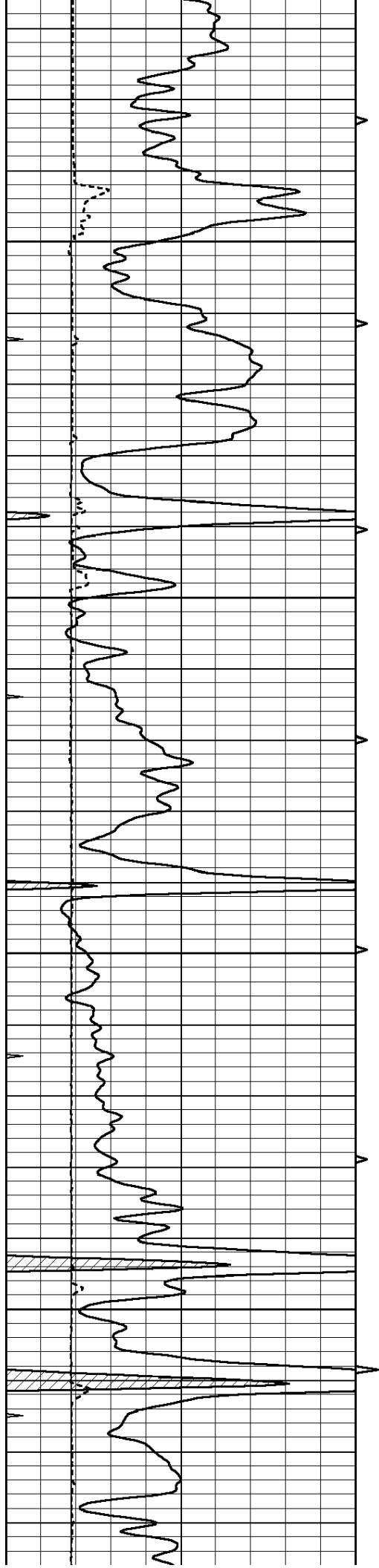
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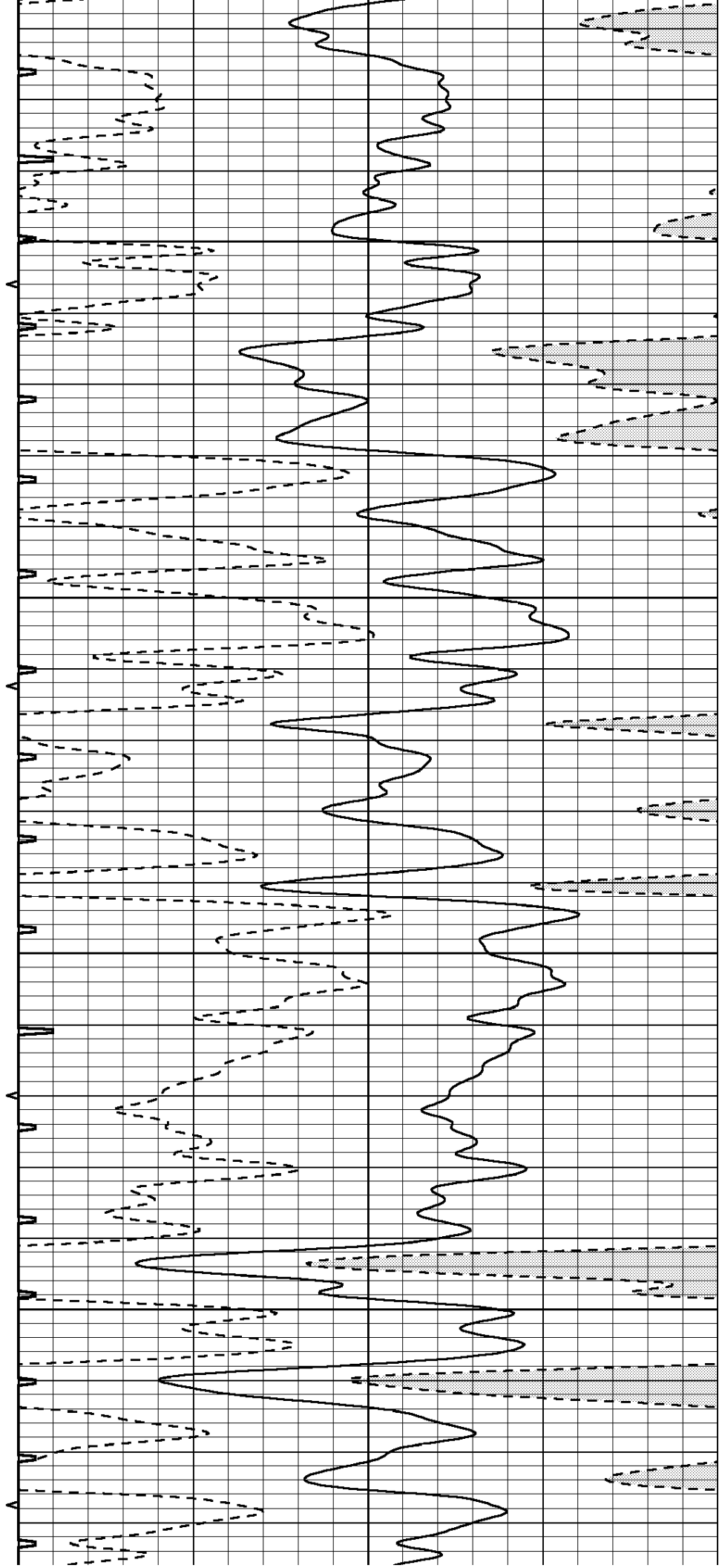


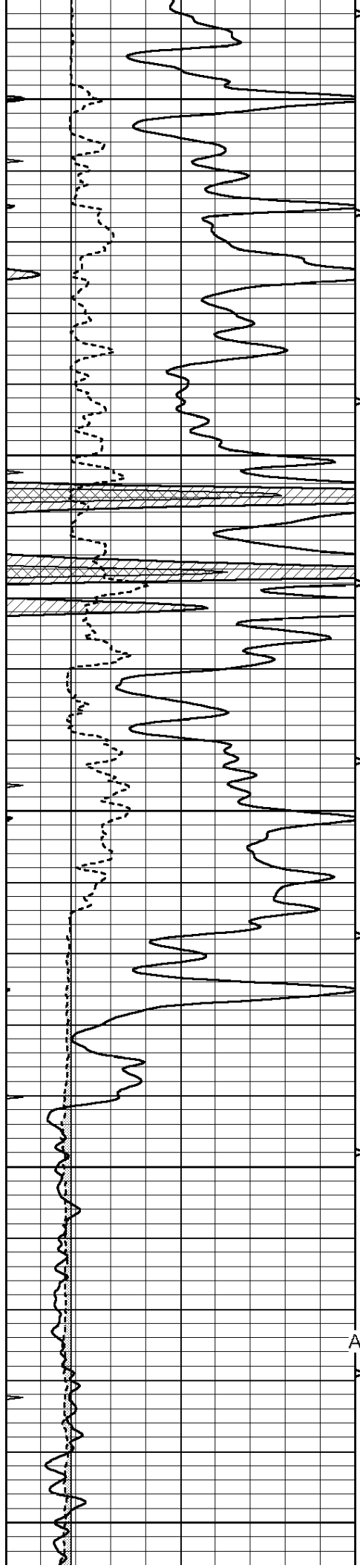
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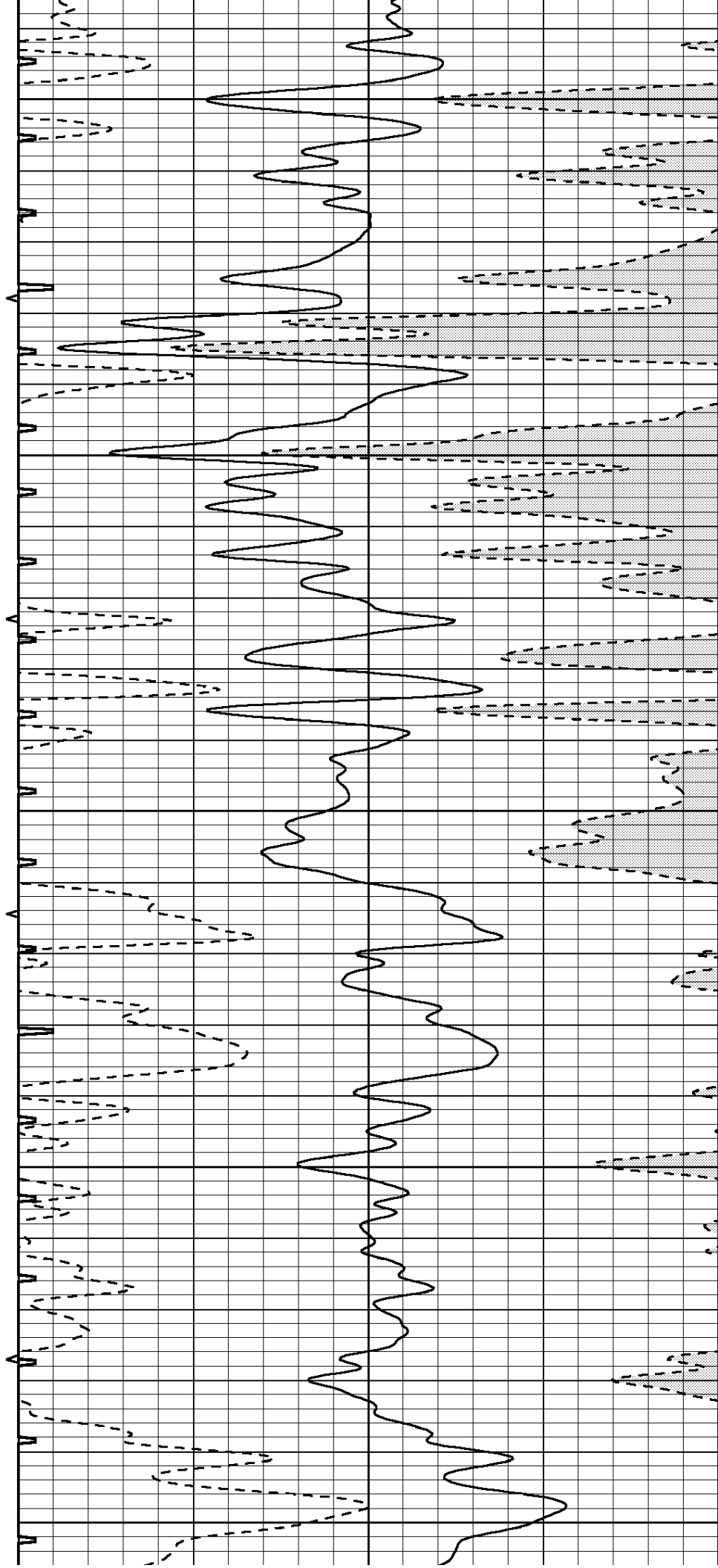
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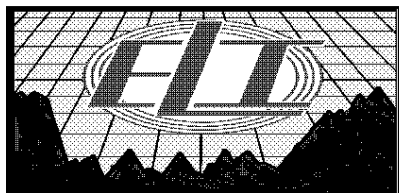
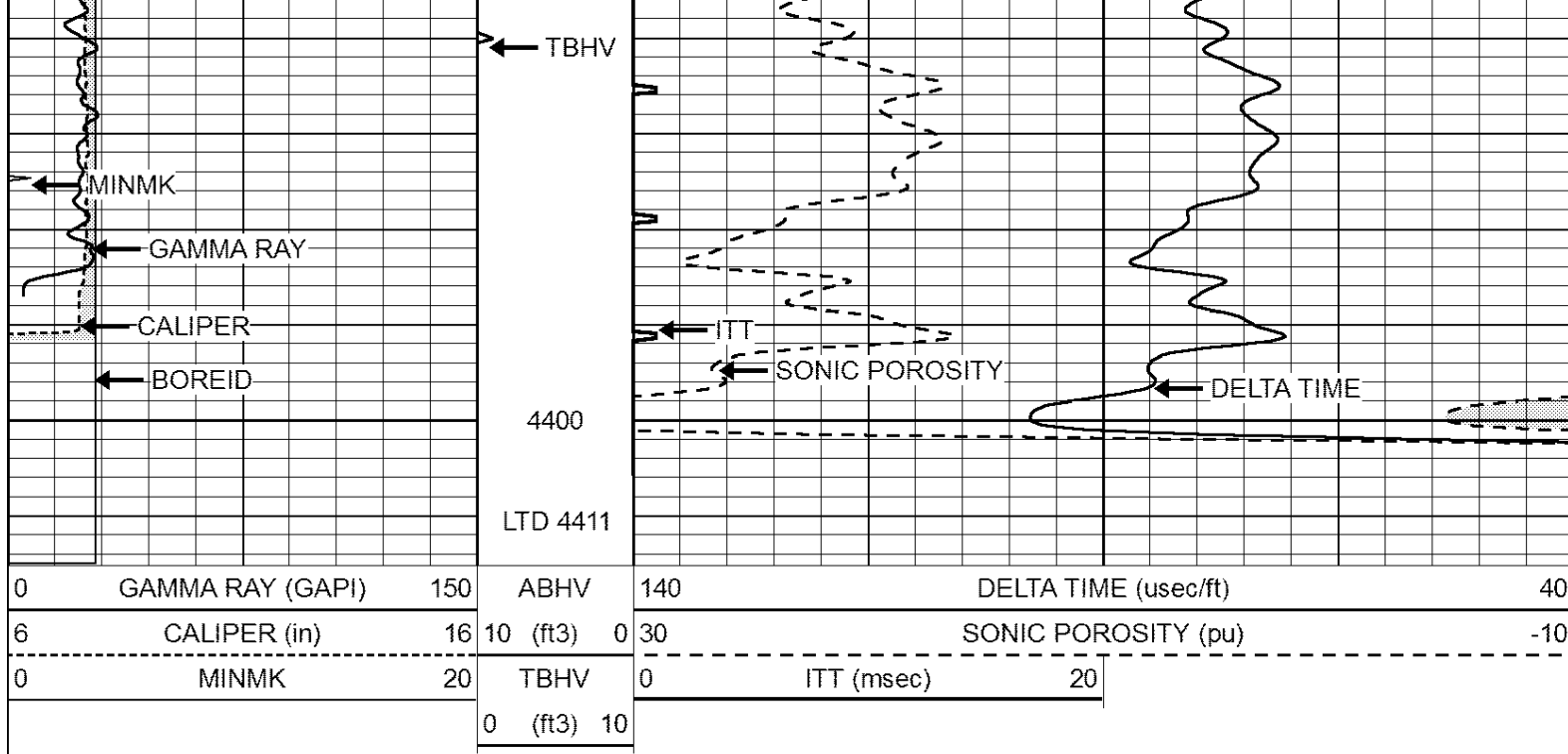
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ABHV →

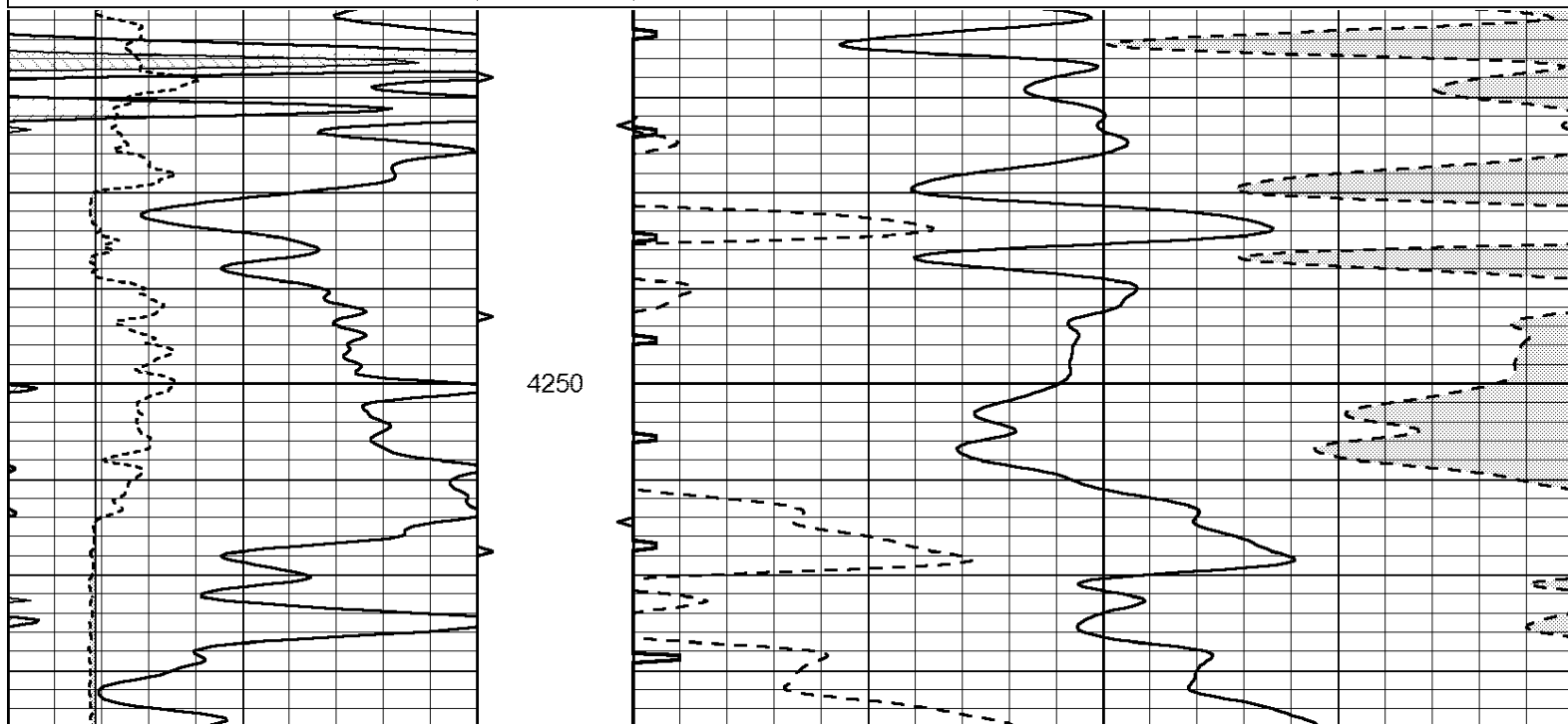
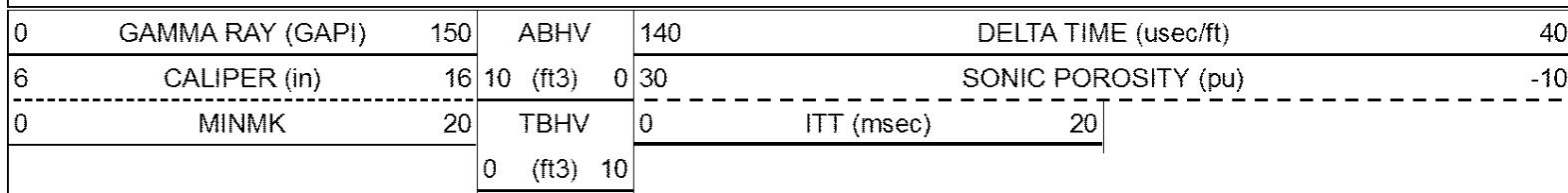
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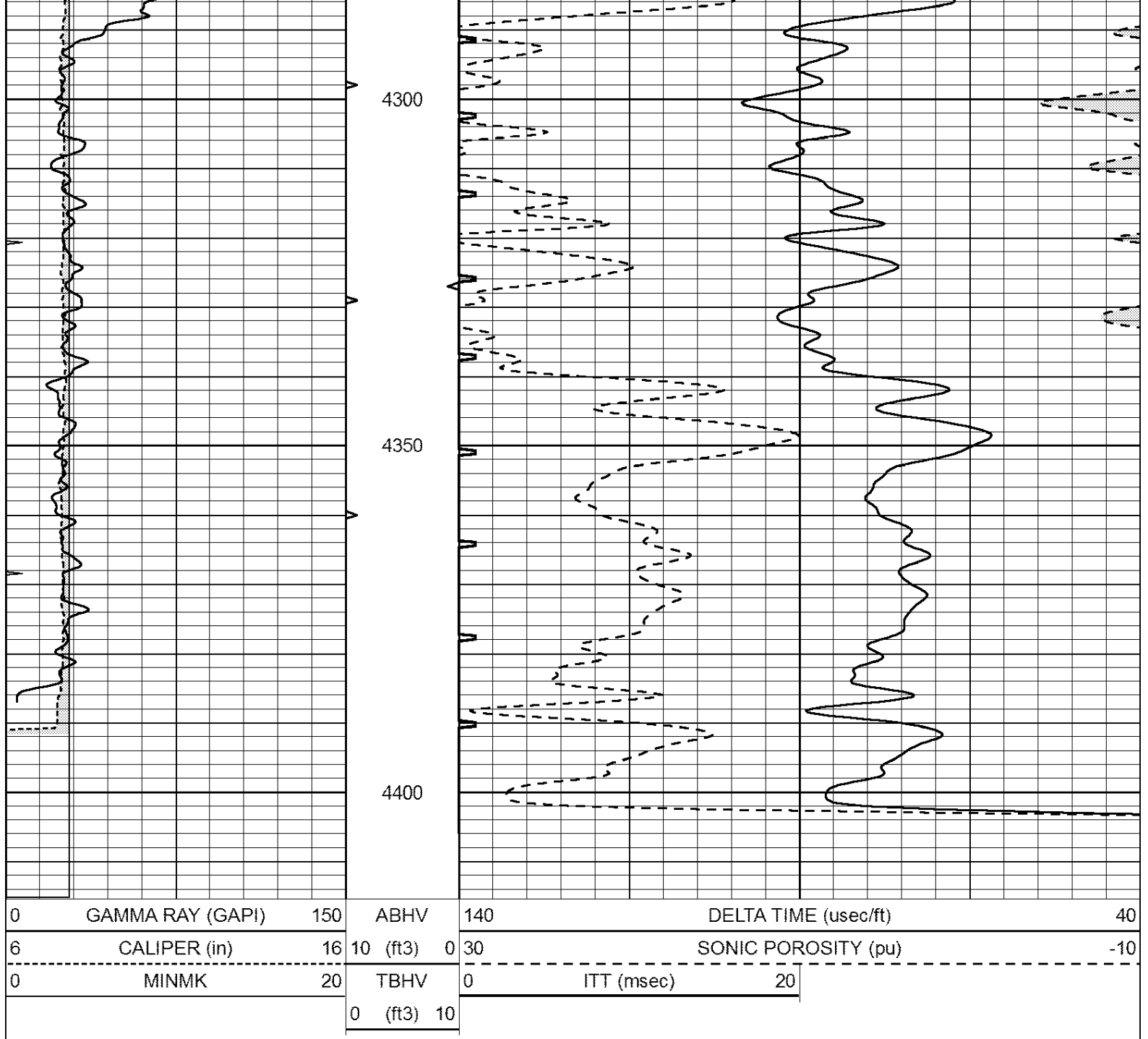




REPEAT SECTION

Database File: 4083pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _slt
 Dataset Creation: Mon Aug 12 14:15:10 2019
 Charted by: Depth in Feet scaled 1:240





Calibration Report			
Database File:	4083pe.db		
Dataset Pathname:	pass4.1		
Dataset Creation:	Mon Aug 12 14:15:10 2019		
MICRO Calibration Report			
Serial Number:	MICRO5		
Tool Model:	PROBE		
Performed:	Fri Aug 09 14:18:04 2019		
Caliper Calibration:	Gain=3.843	Offset=-10.132	
References	Low Cal	High Cal	
Readings	7.000	15.000	
	4.458	6.539	
1.5" Calibration:	Gain=45.159	Offset=-0.295	
	Low Cal	High Cal	

References	0.000	20.000
Readings	0.015	1.007
2" Calibration:	Gain=75.235	Offset=-0.188
	Low Cal	High Cal
References	0.000	20.000
Readings	0.008	0.908
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Thu Jul 11 09:33:22 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5400	GAPI/cps