



SONIC LOG

Company	WOOLSEY OPERATING COMPANY, LLC.		
Well	KERSEY #1		
Field	WILDCAT		
County	KIOWA	State	KANSAS
Location:	API # : 15-097-21846-00-00		Other Services CDL/CNL SONIC
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL Elevation 2270 KELLY BUSHING 12' A.G.L. KELLY BUSHING	
SEC 29 TWP 28S RGE 18W		Elevation	
Date	01/12/19		
Run Number	TWO		
Depth Driller	5027		
Depth Logger	5030		
Bottom Logged Interval	5010		
Top Log Interval	500		
Casing Driller	8 5/8" @ 502		
Casing Logger	502		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/70		
pH / Fluid Loss	9.0/10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.6@62		
Rmt @ Meas. Temp	1.2@62		
Rmc @ Meas. Temp	1.92@62		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.80@125		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	125F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BLAKE MILLER		

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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

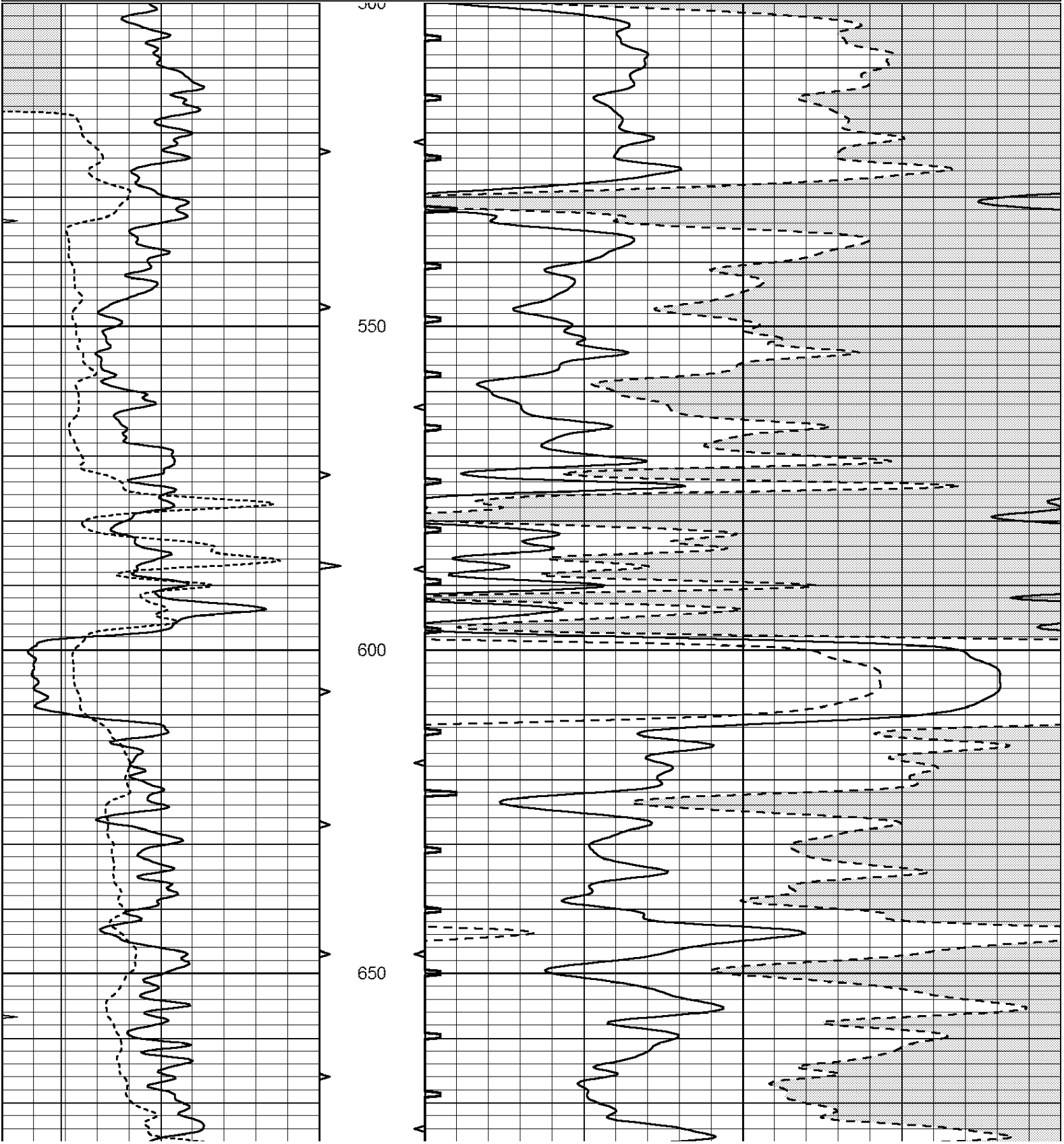
DIRECTIONS
HIGHWAY INTERSECTION WEST OF GREENSBURG
2 SOUTH, 3/4 EAST, NORTH INTO.

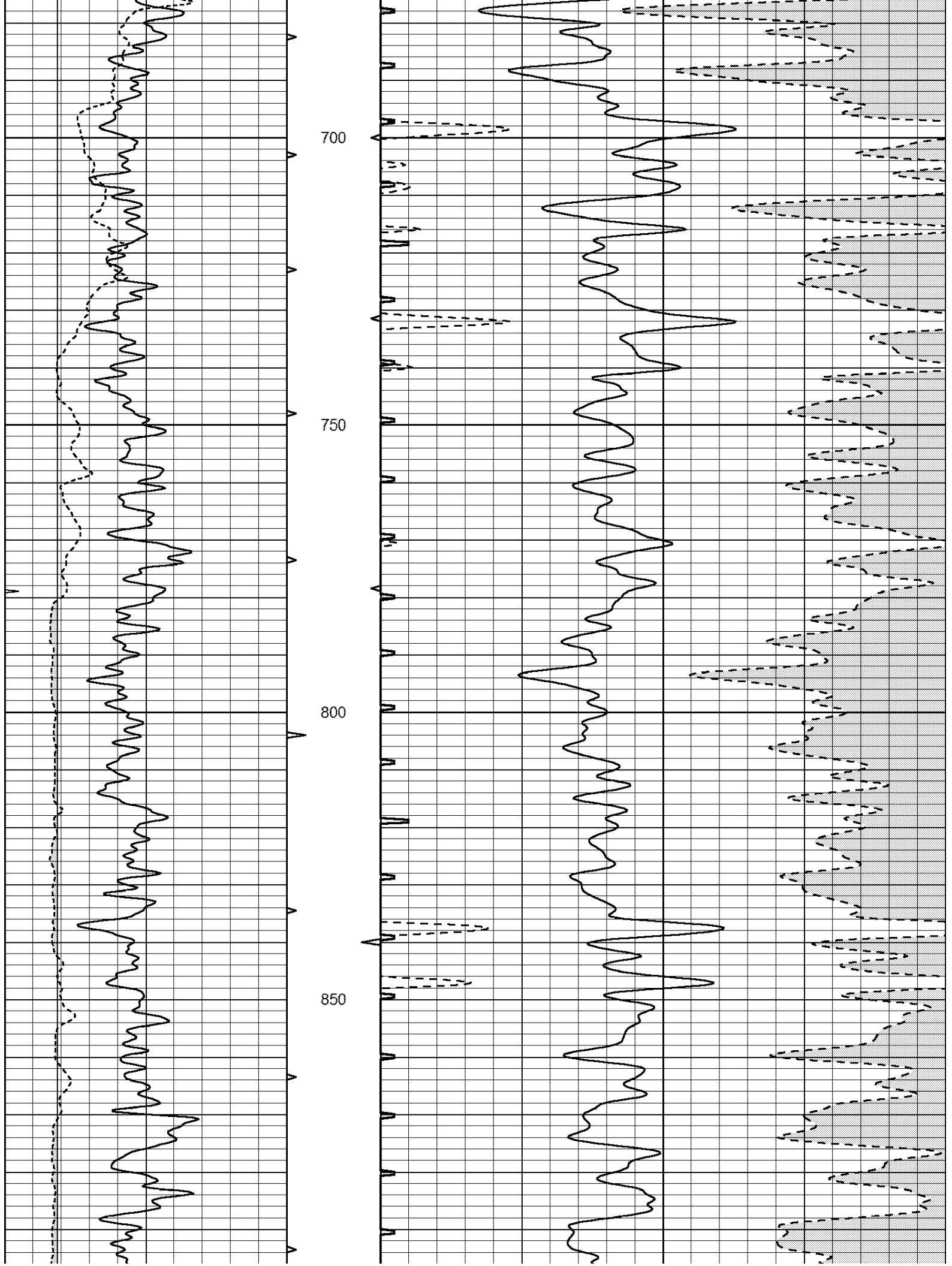


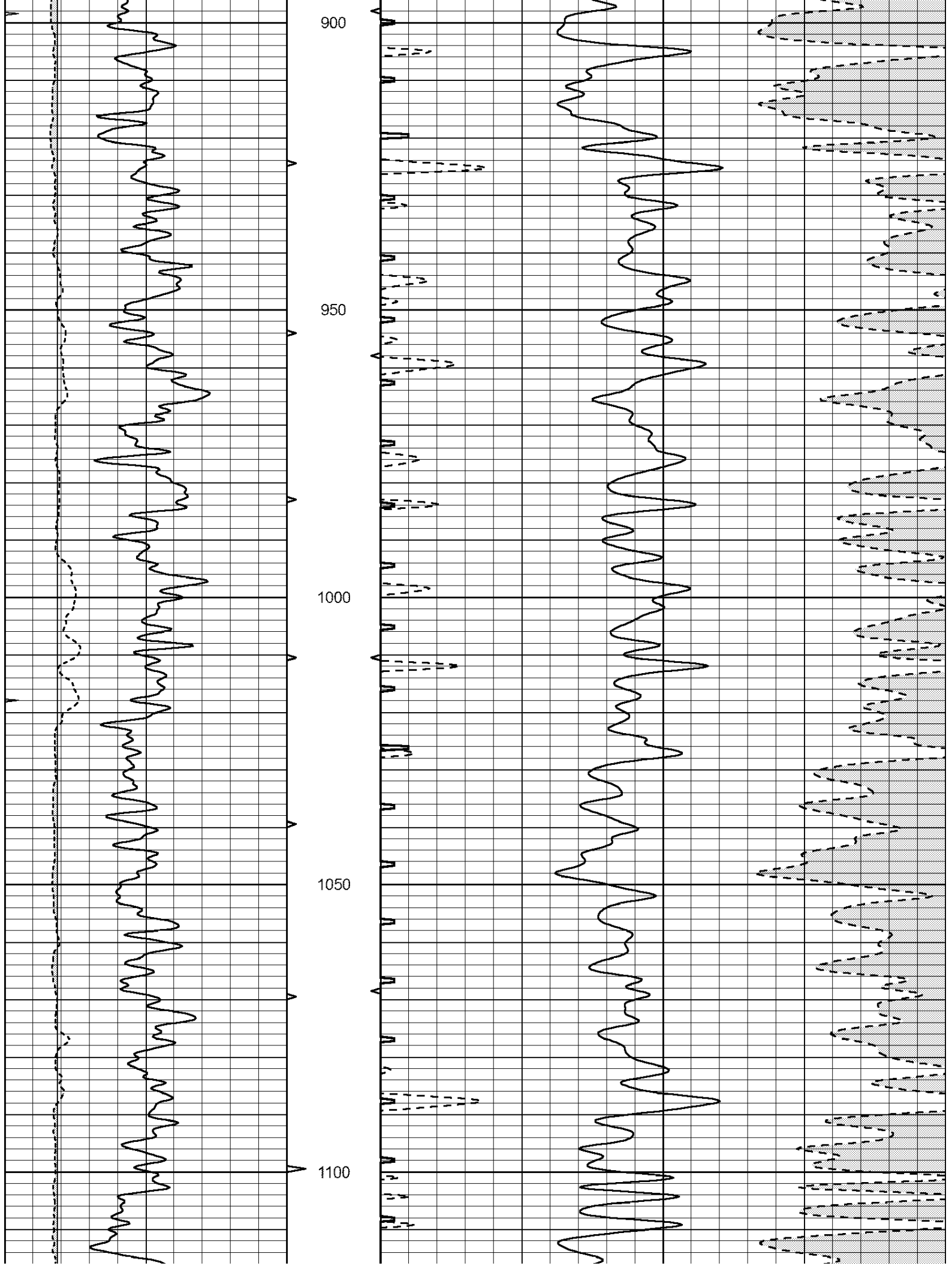
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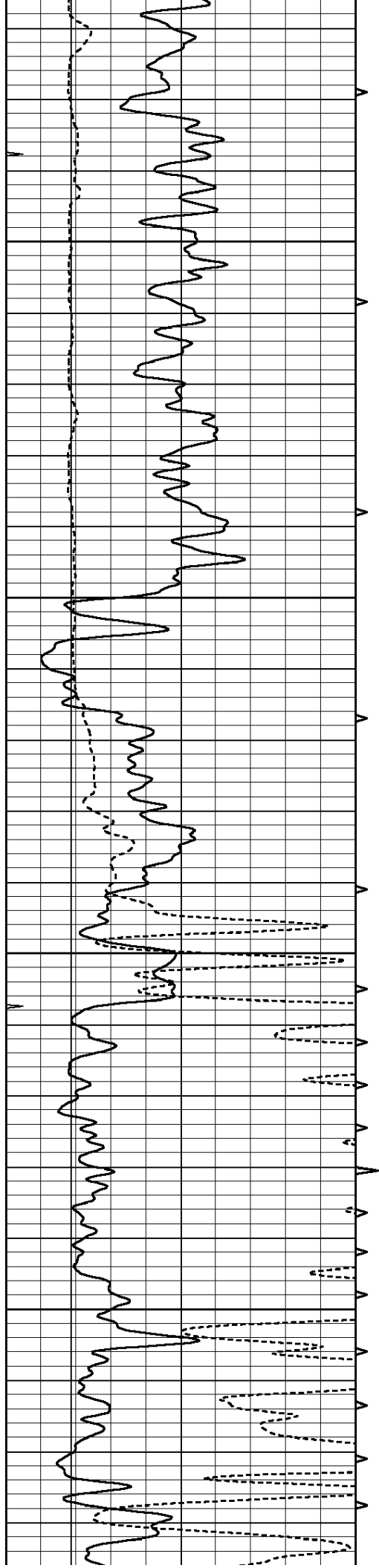
Database File: 3476pe.db
Dataset Pathname: pass6.1
Presentation Format: _slt
Dataset Creation: Sat Jan 12 10:52:43 2019
Charted by: Depth in Feet scaled 1:240

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				







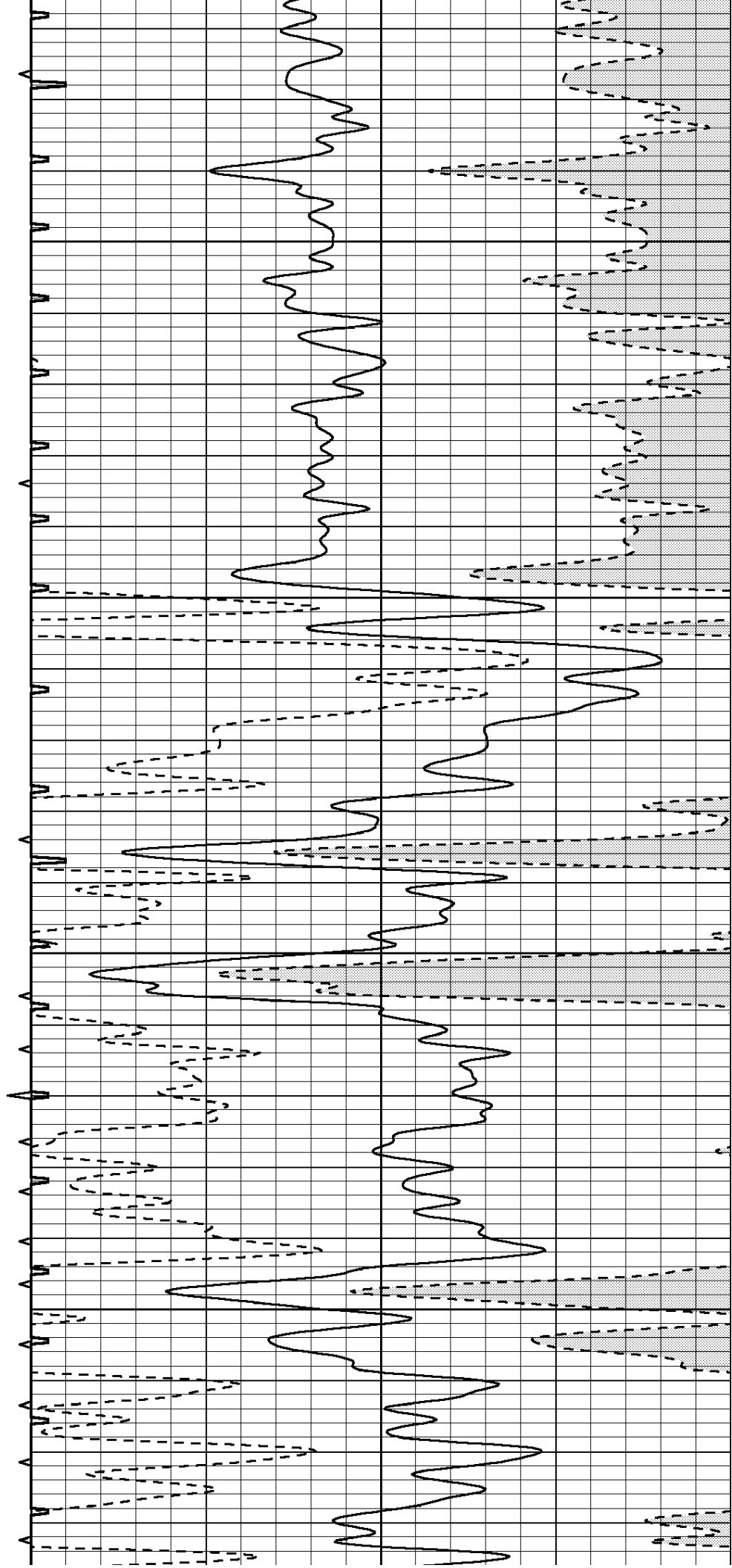


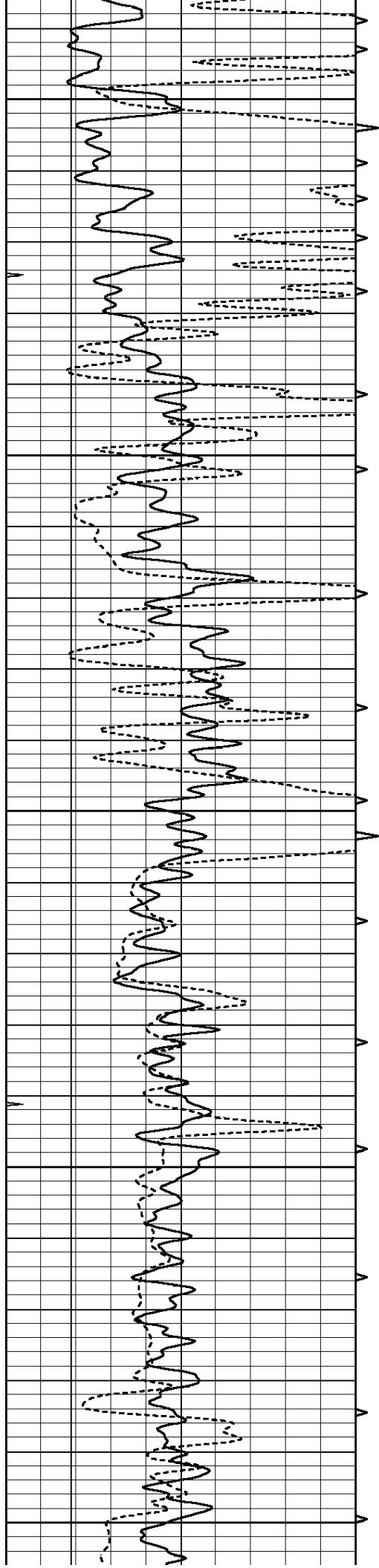
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1200

1250

1300





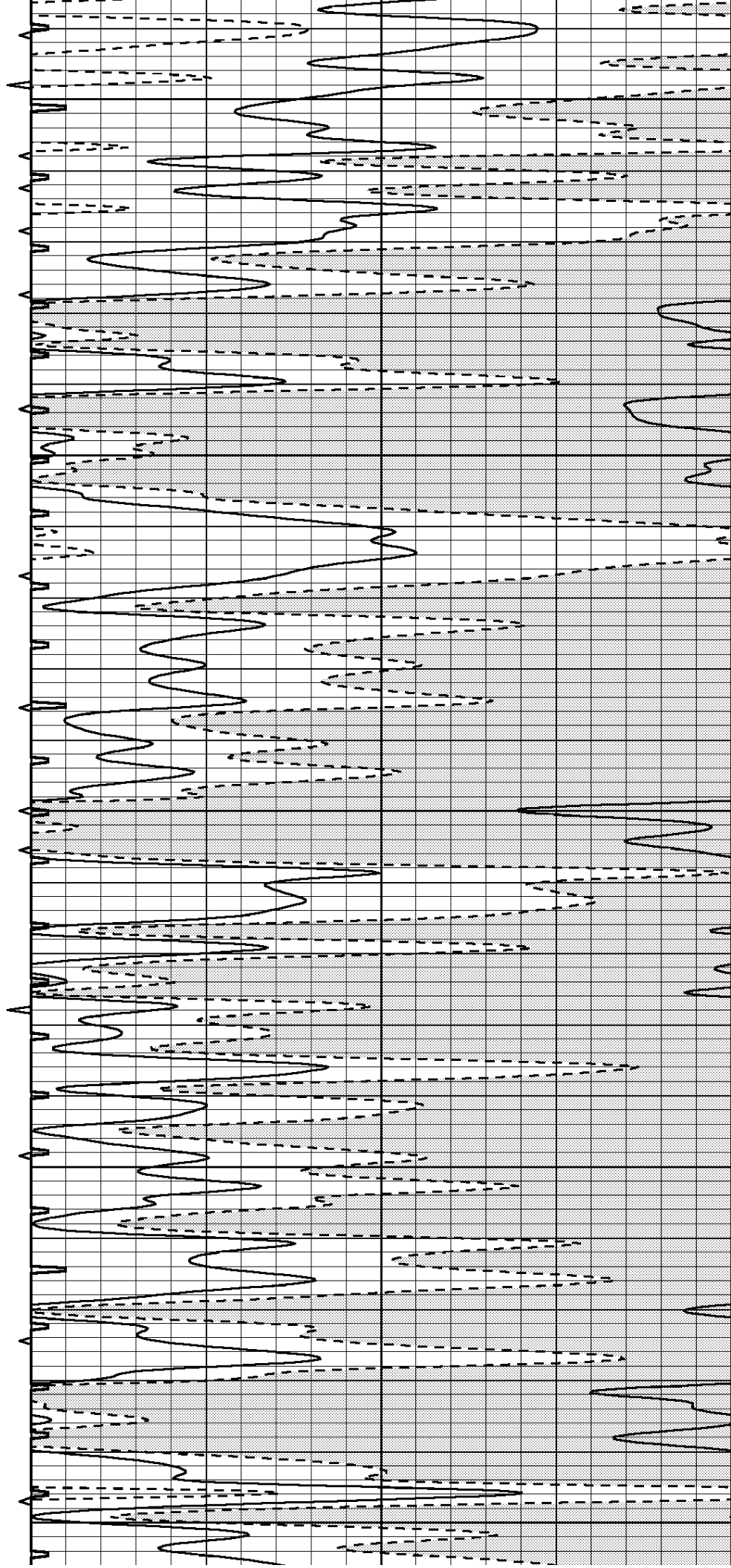
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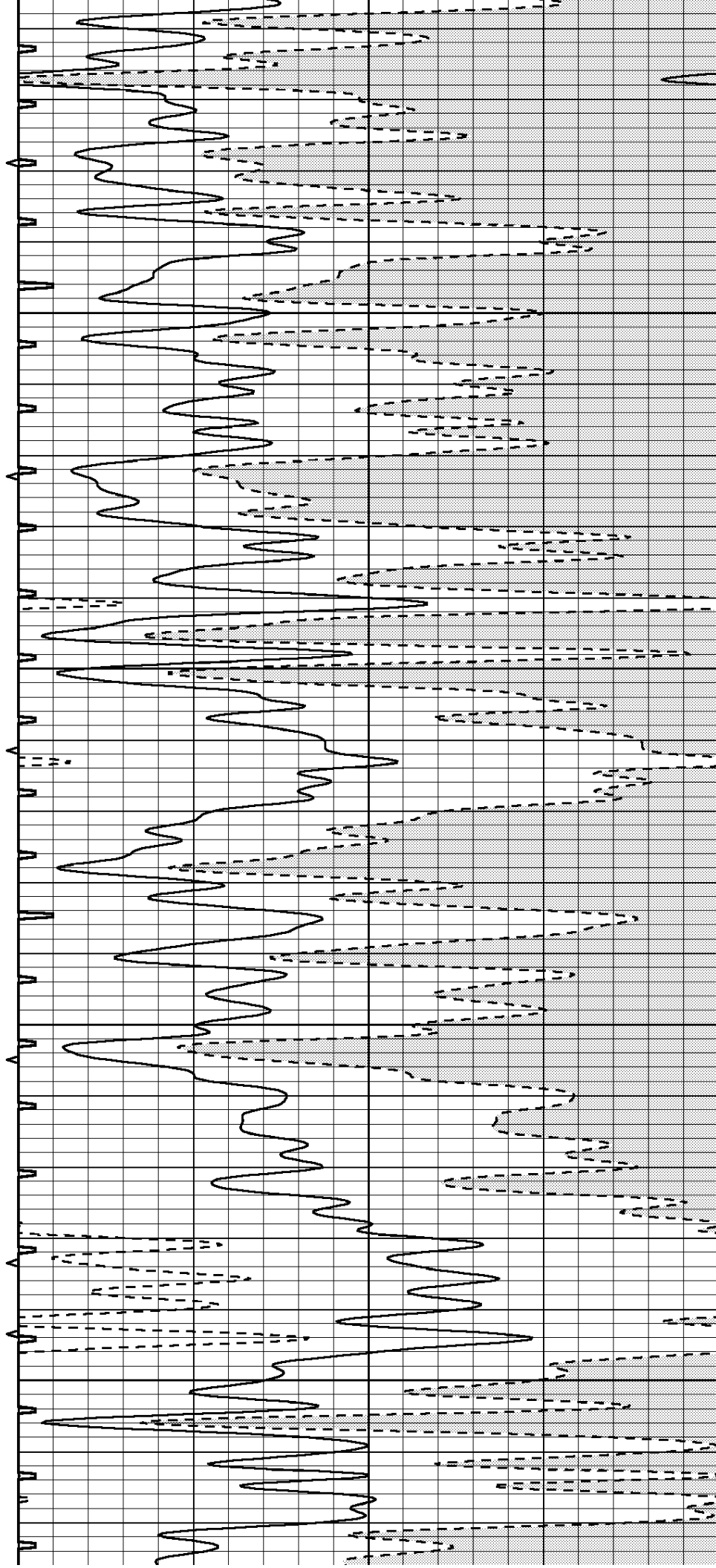
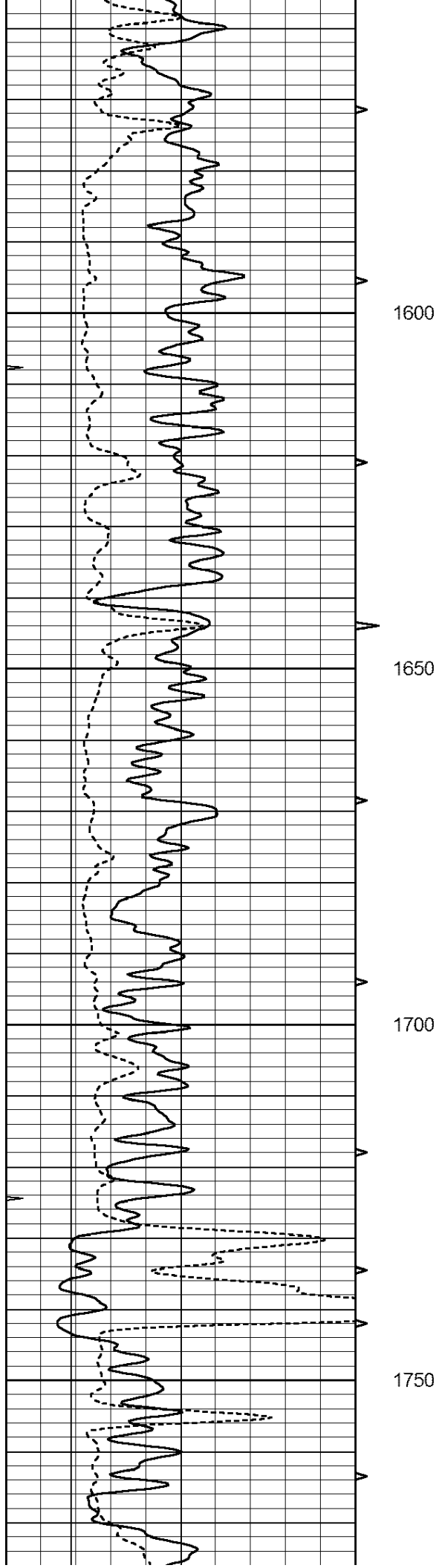
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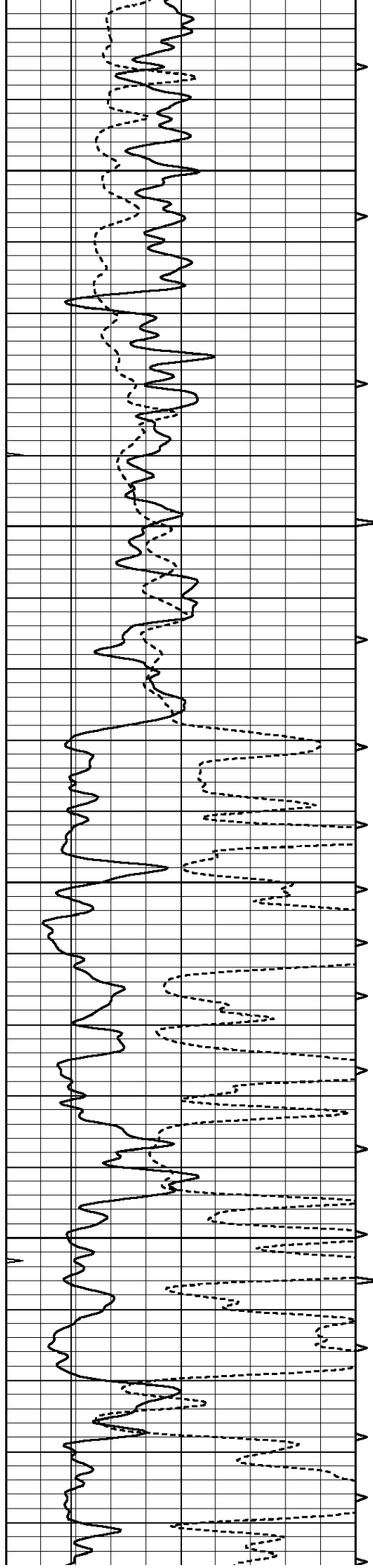
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1550





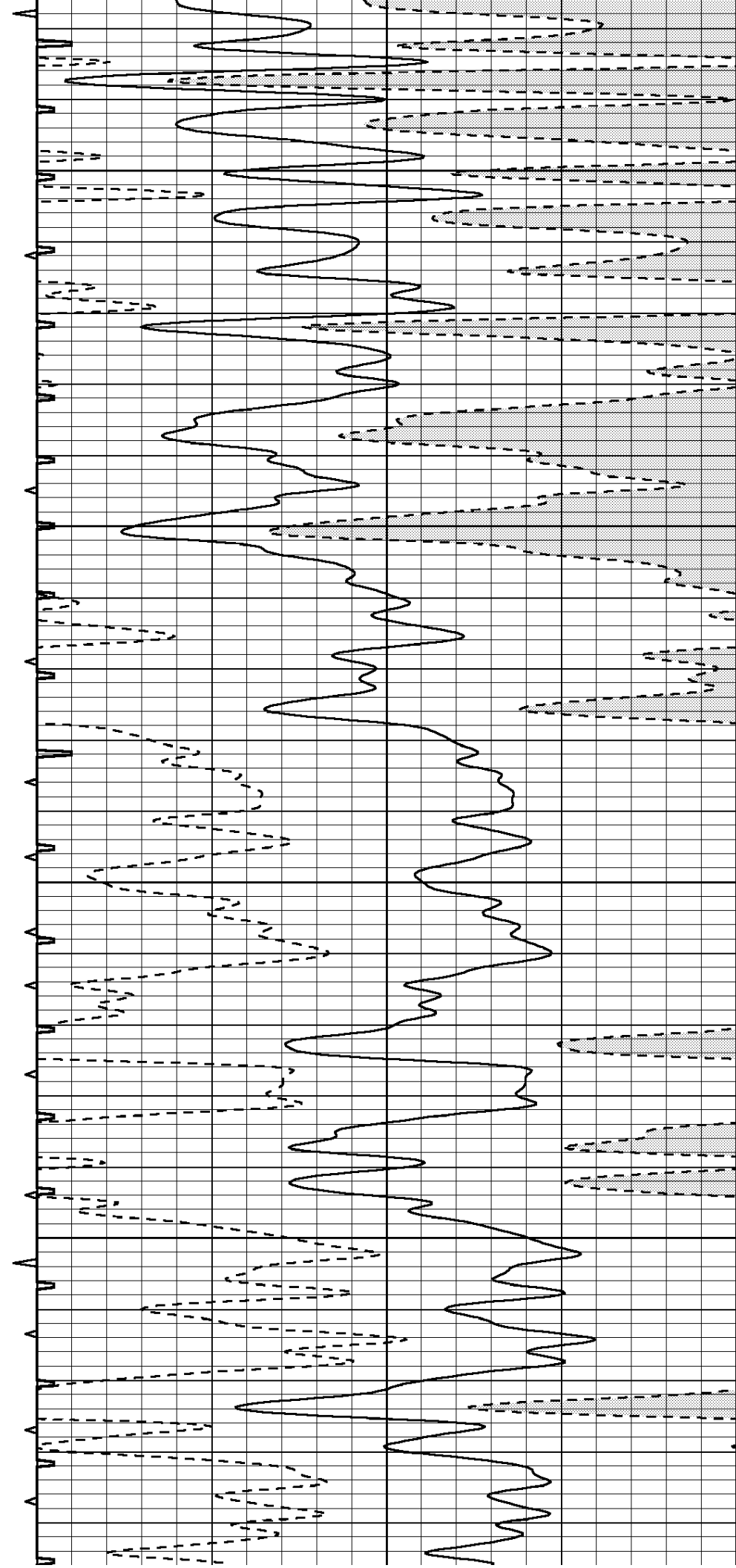


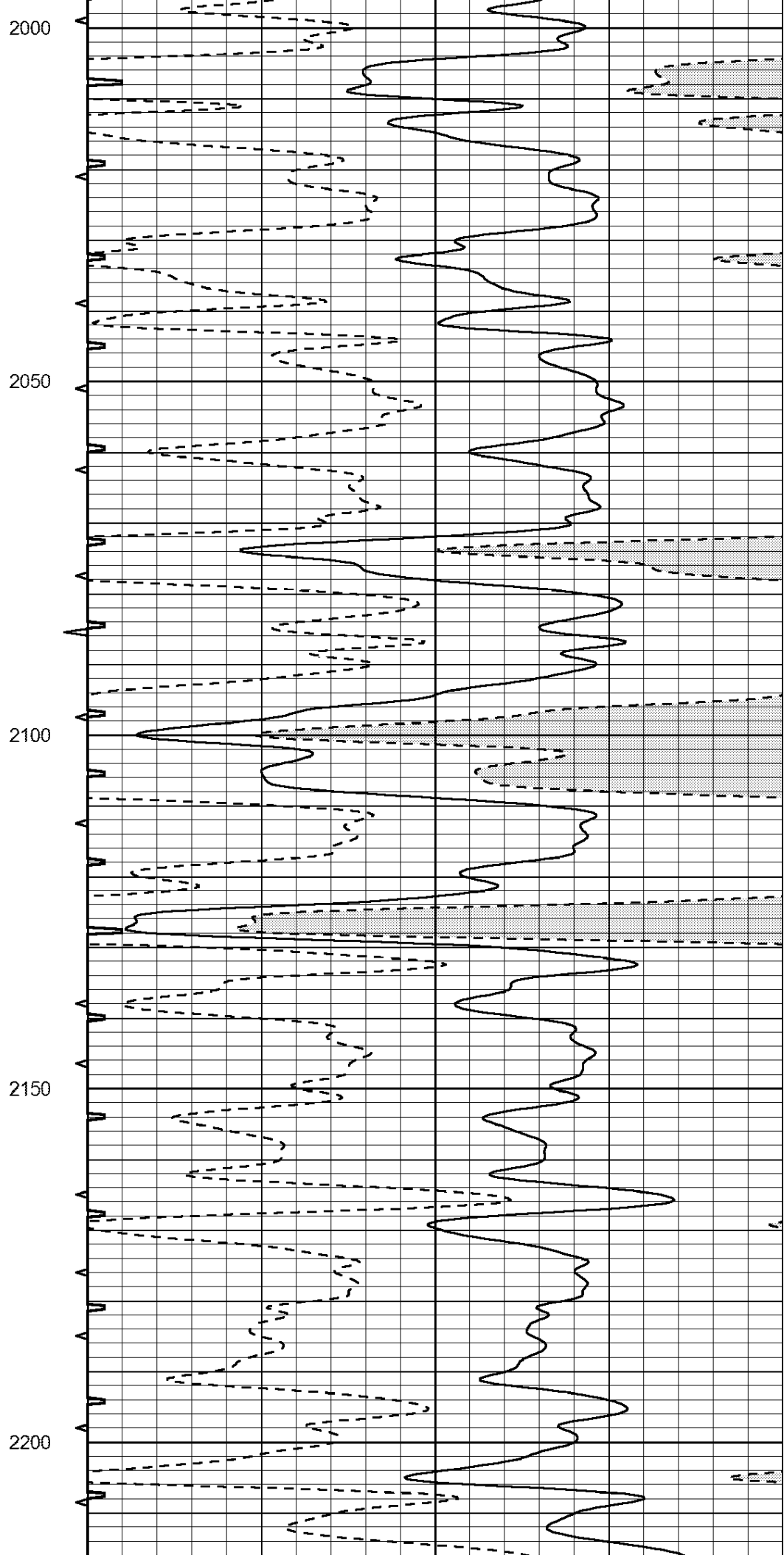
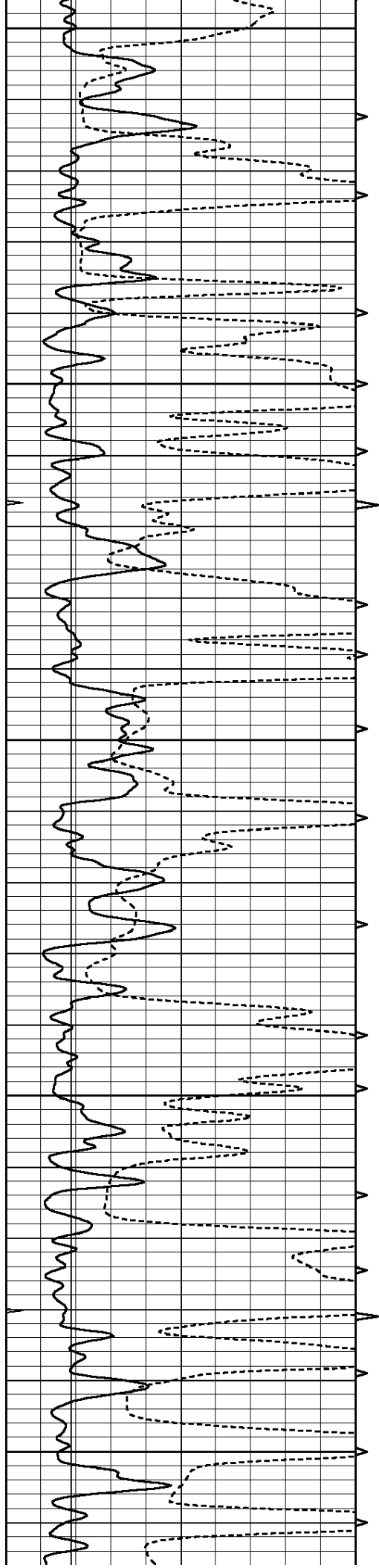
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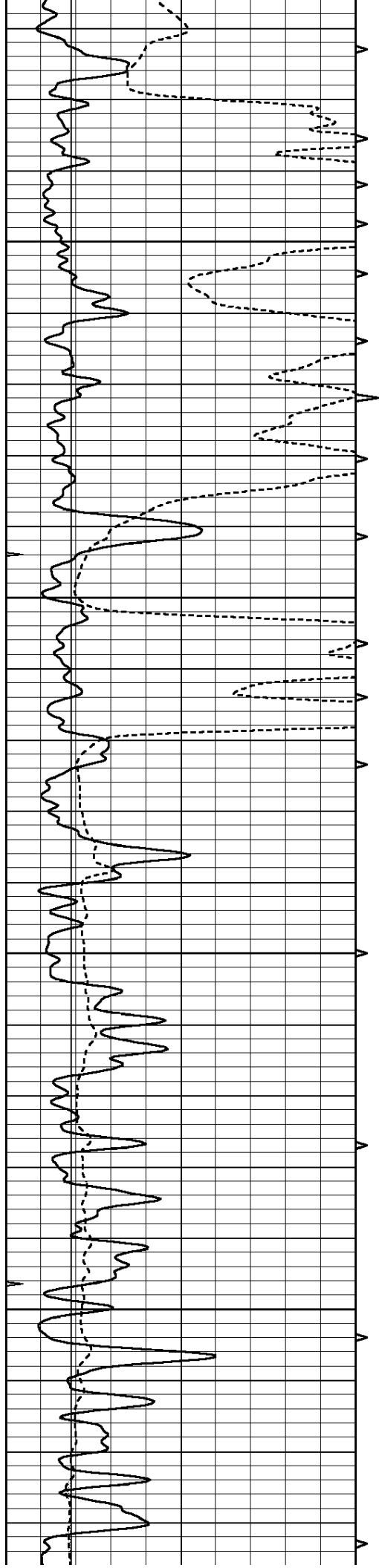
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1900

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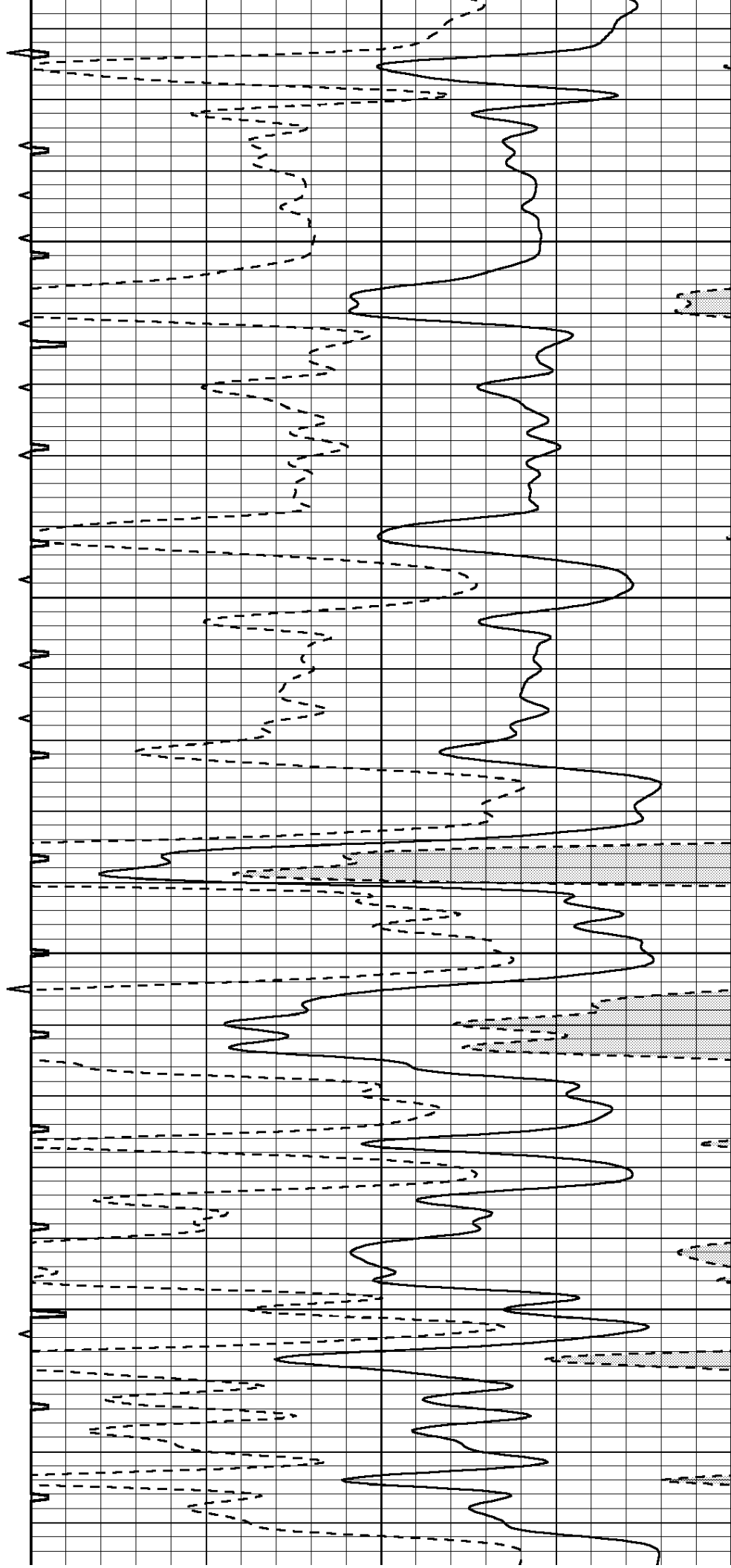


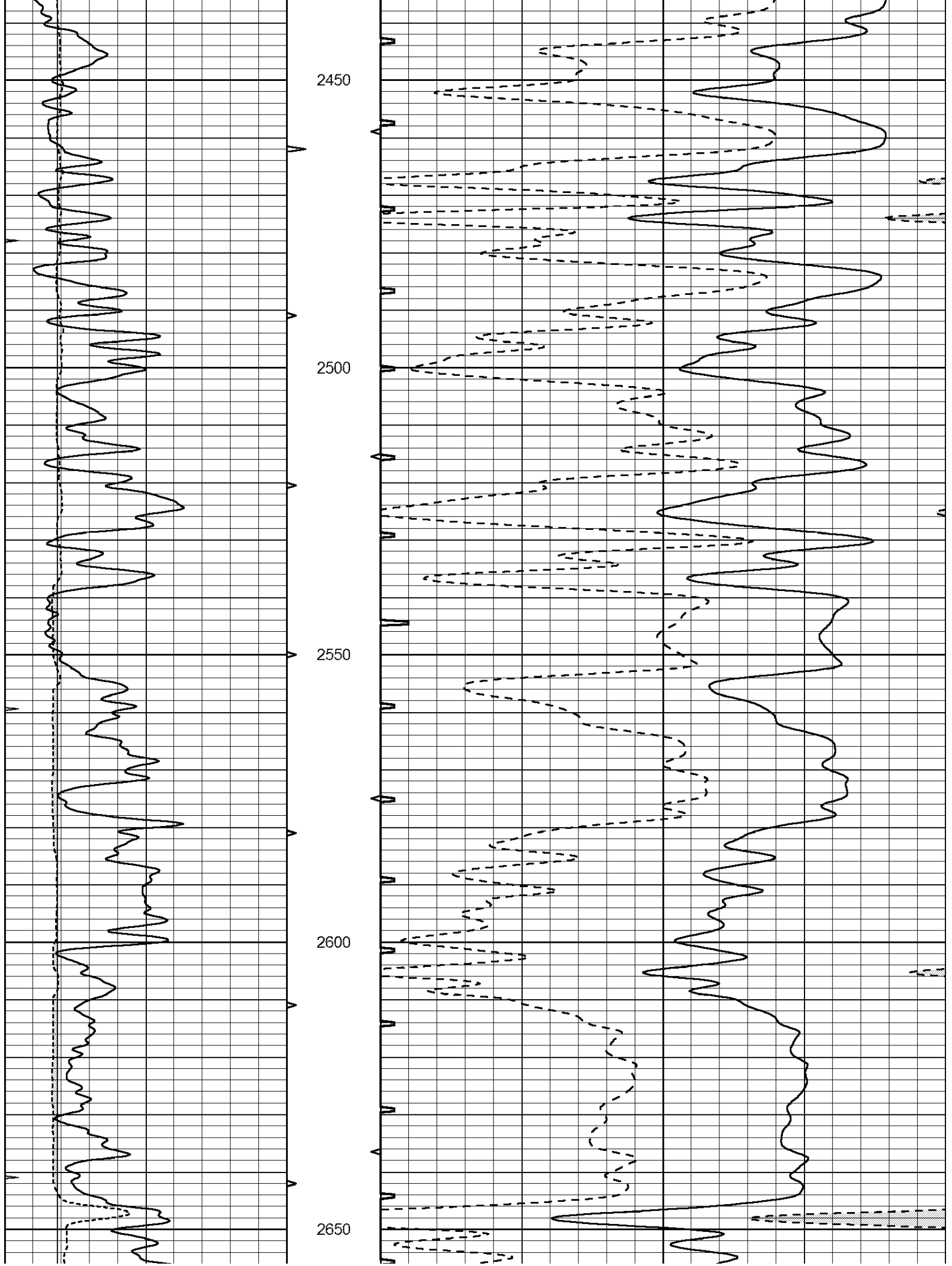
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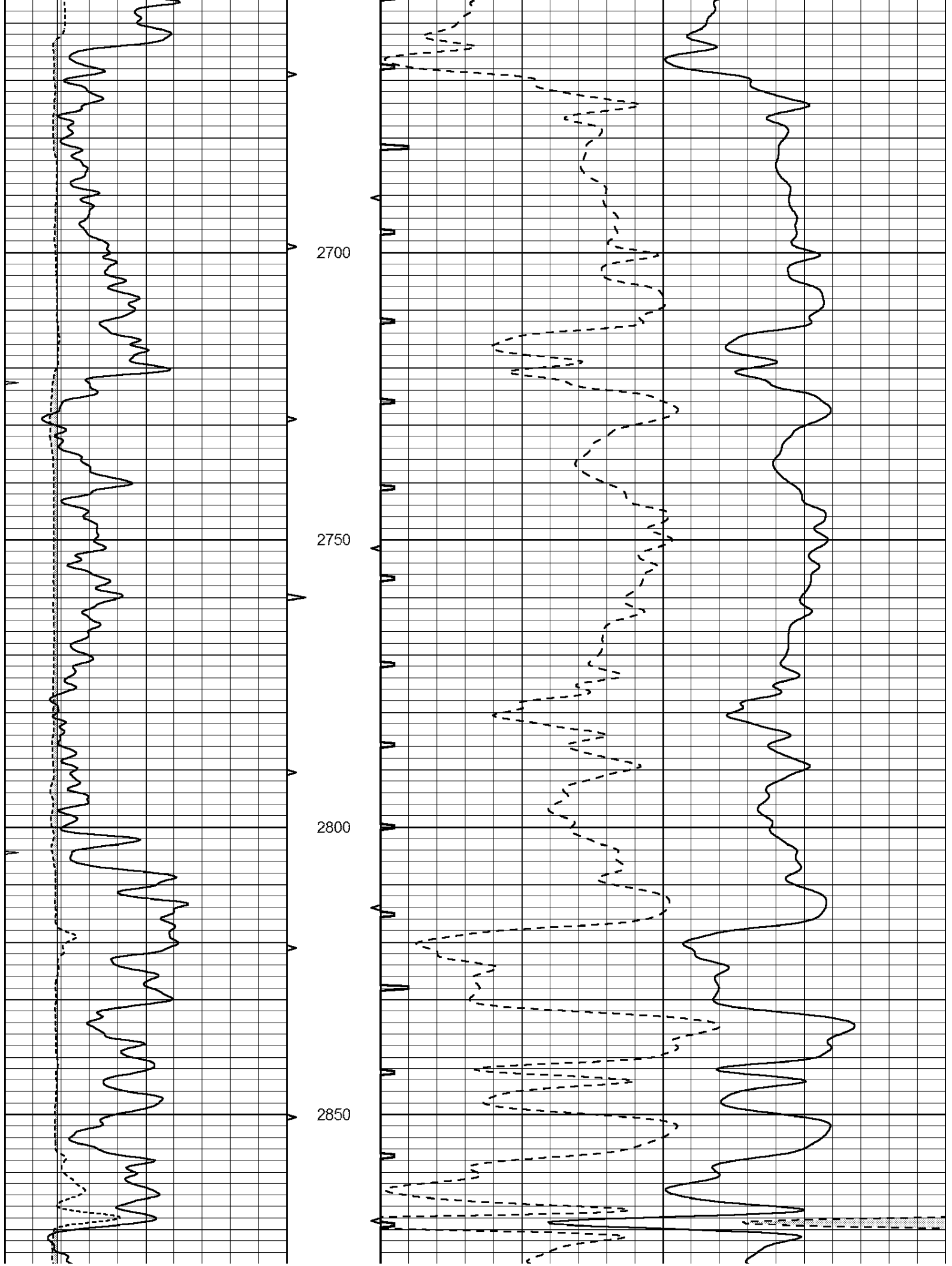
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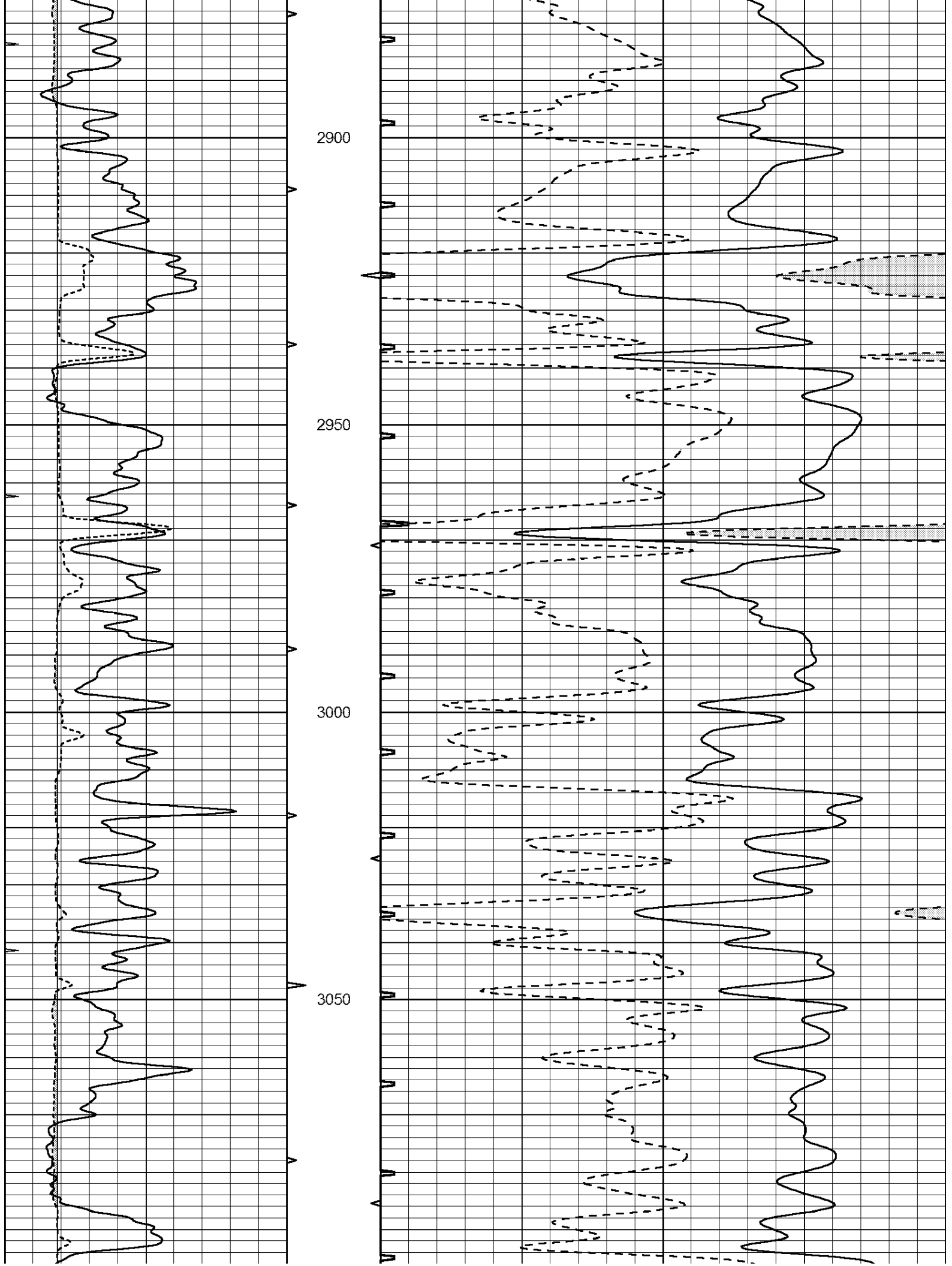
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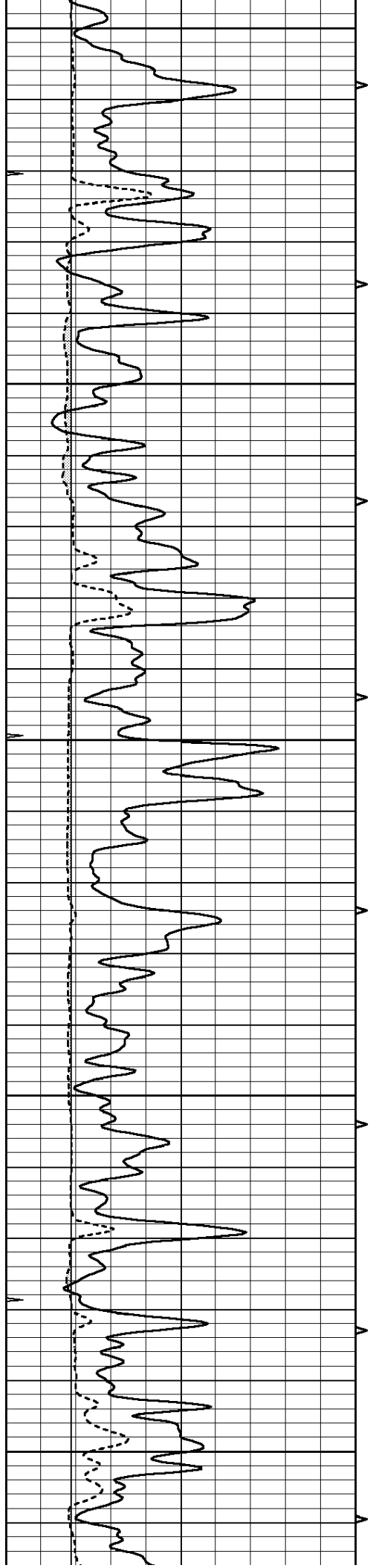
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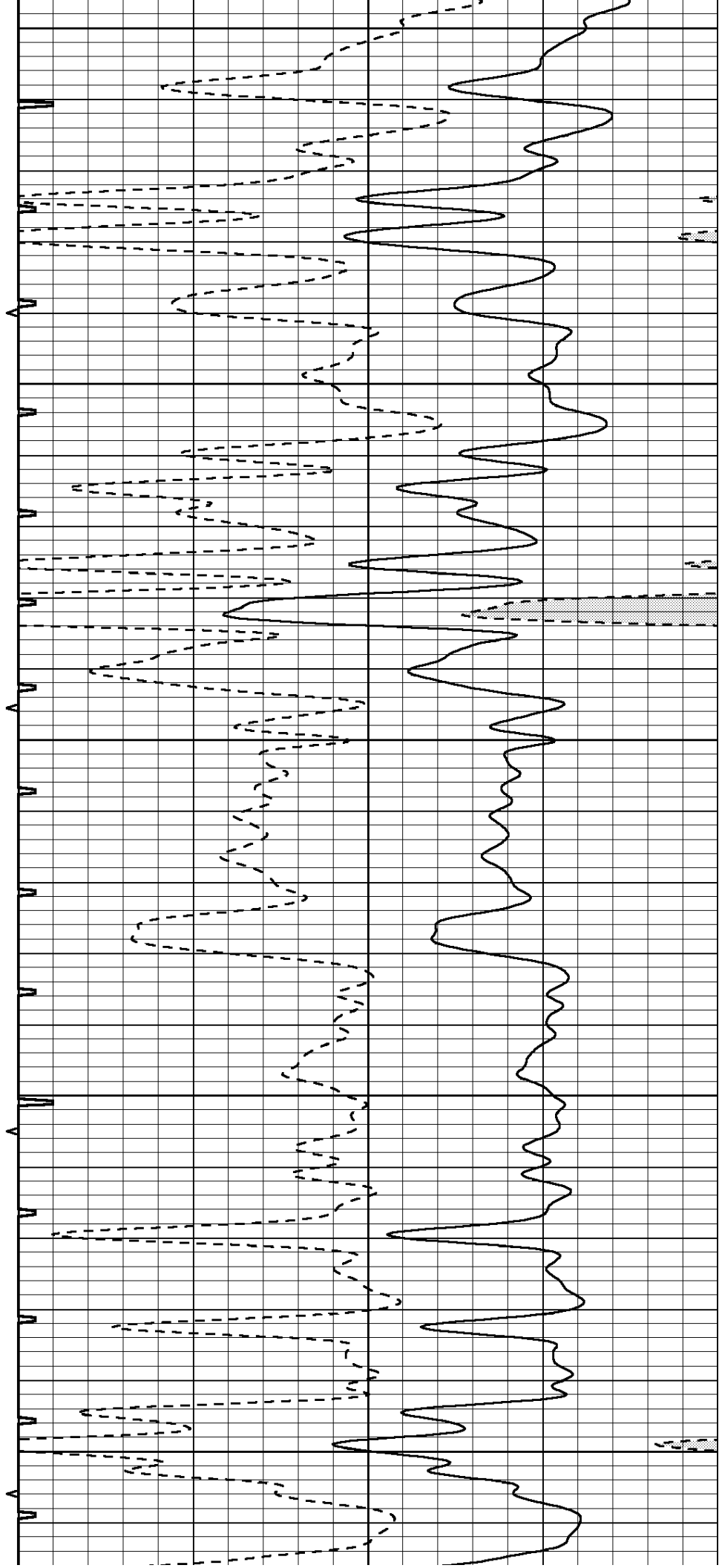
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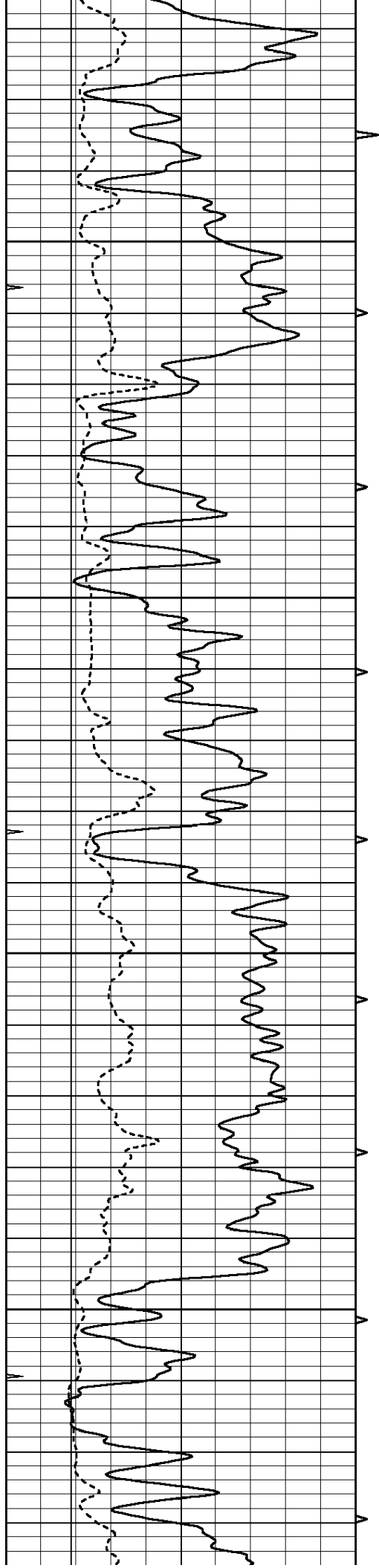
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3300



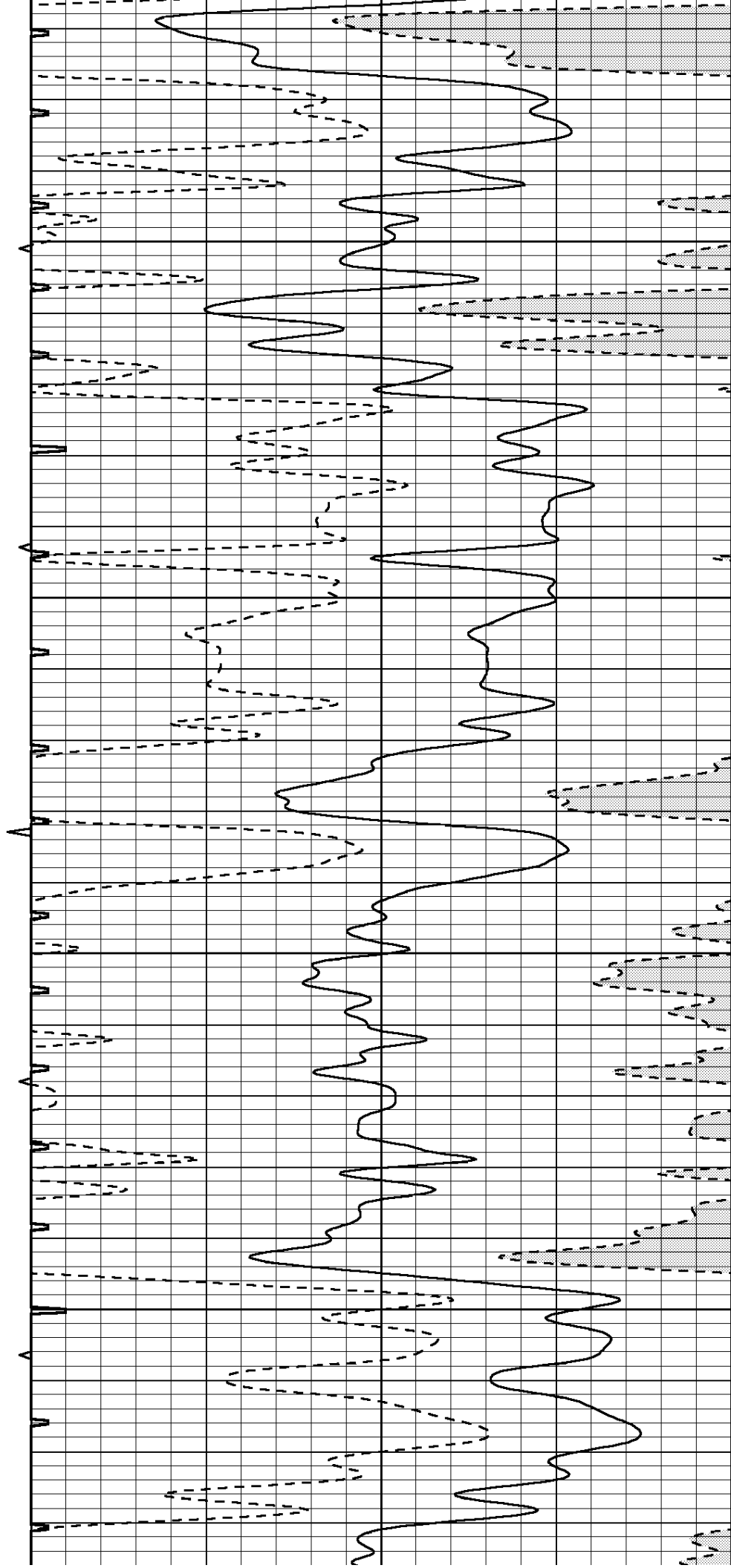


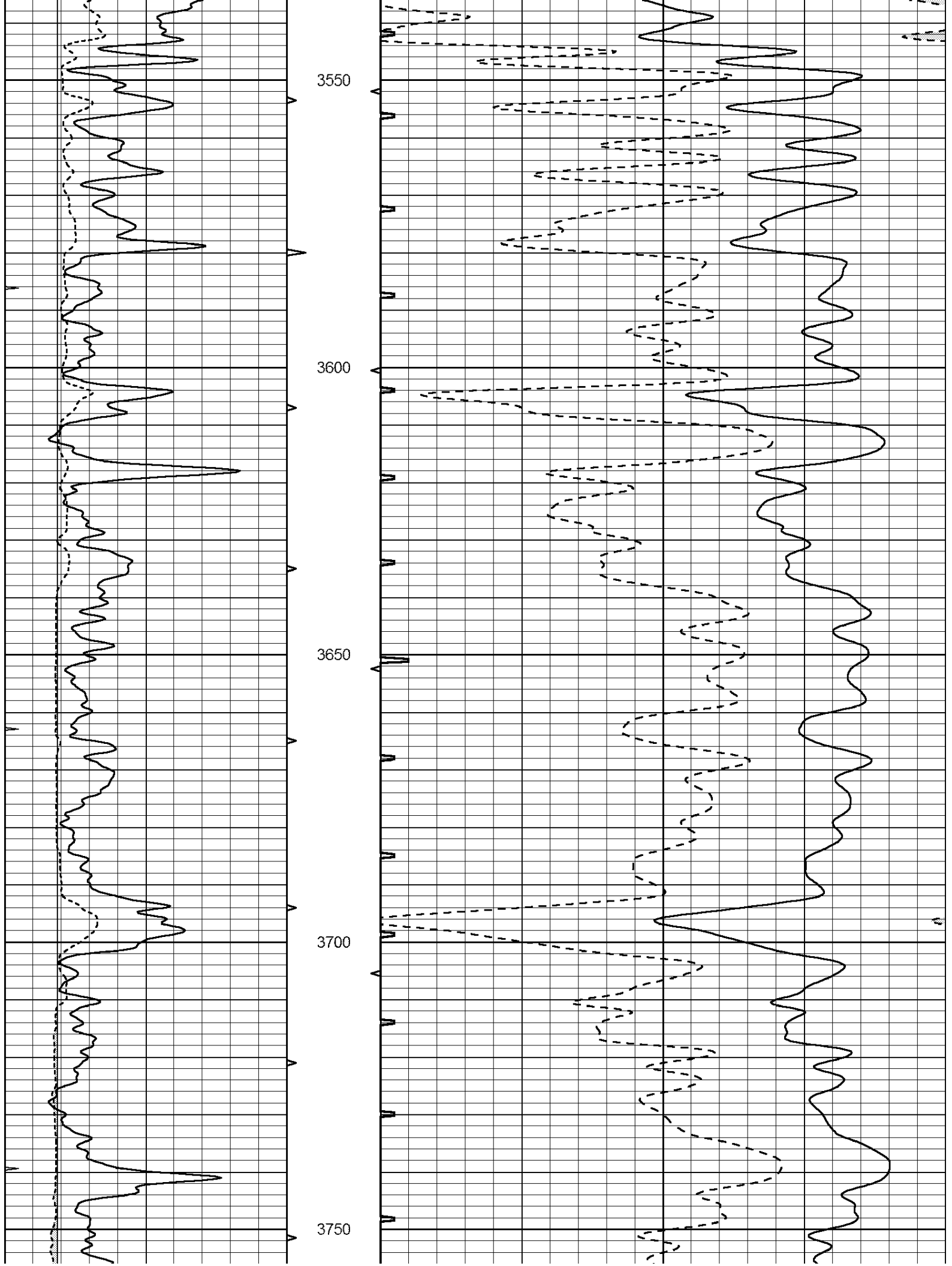
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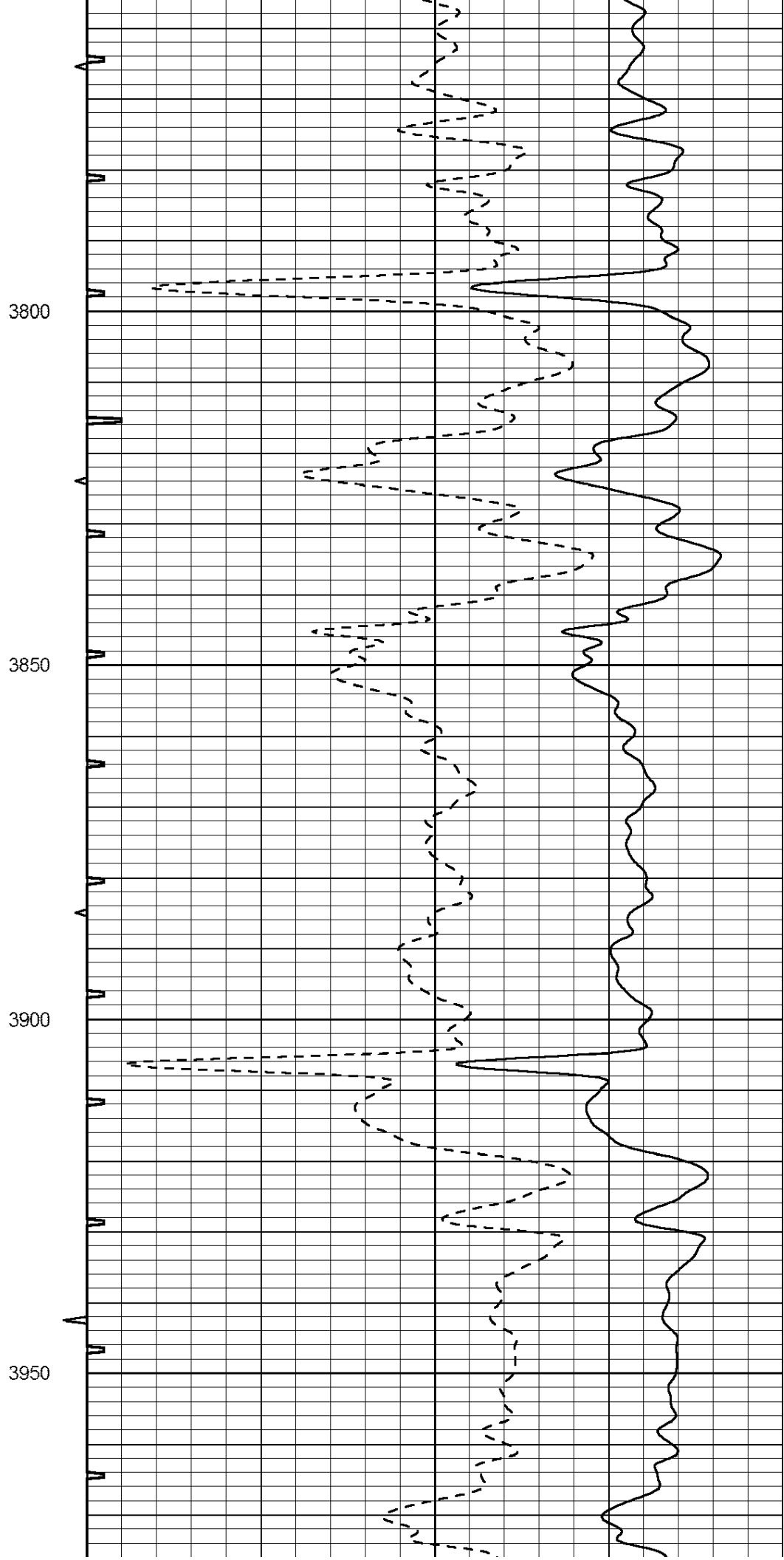
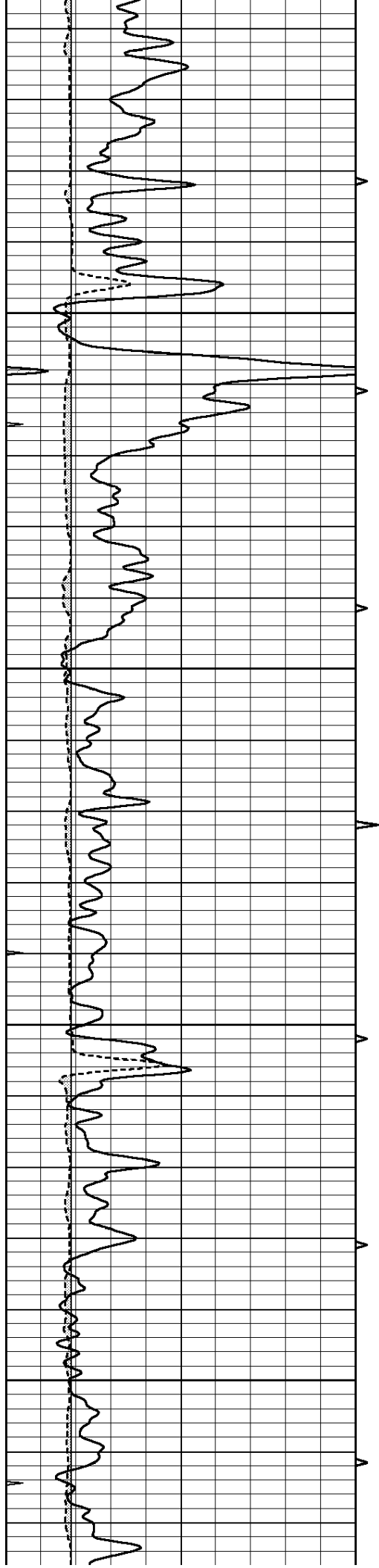
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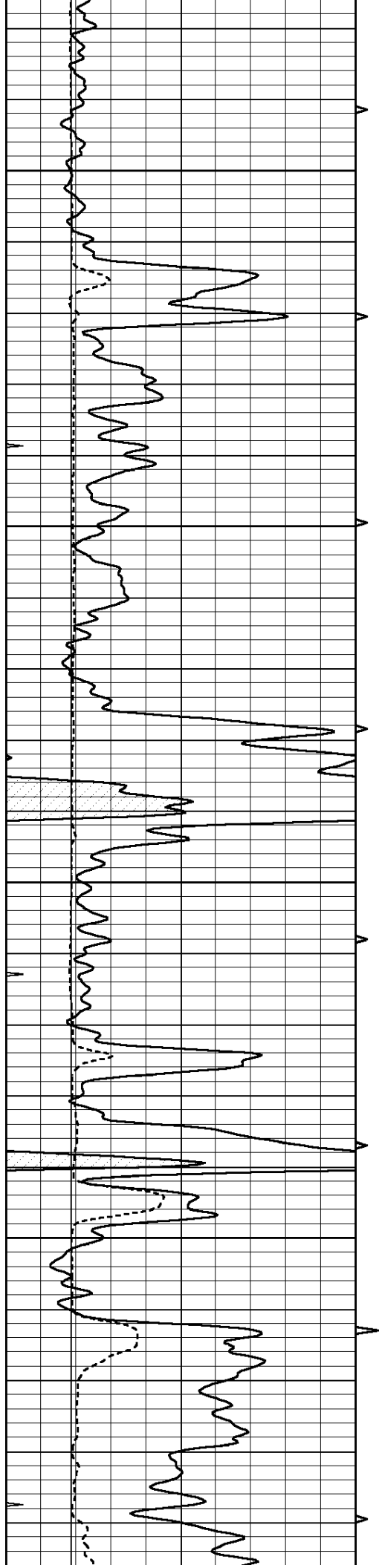
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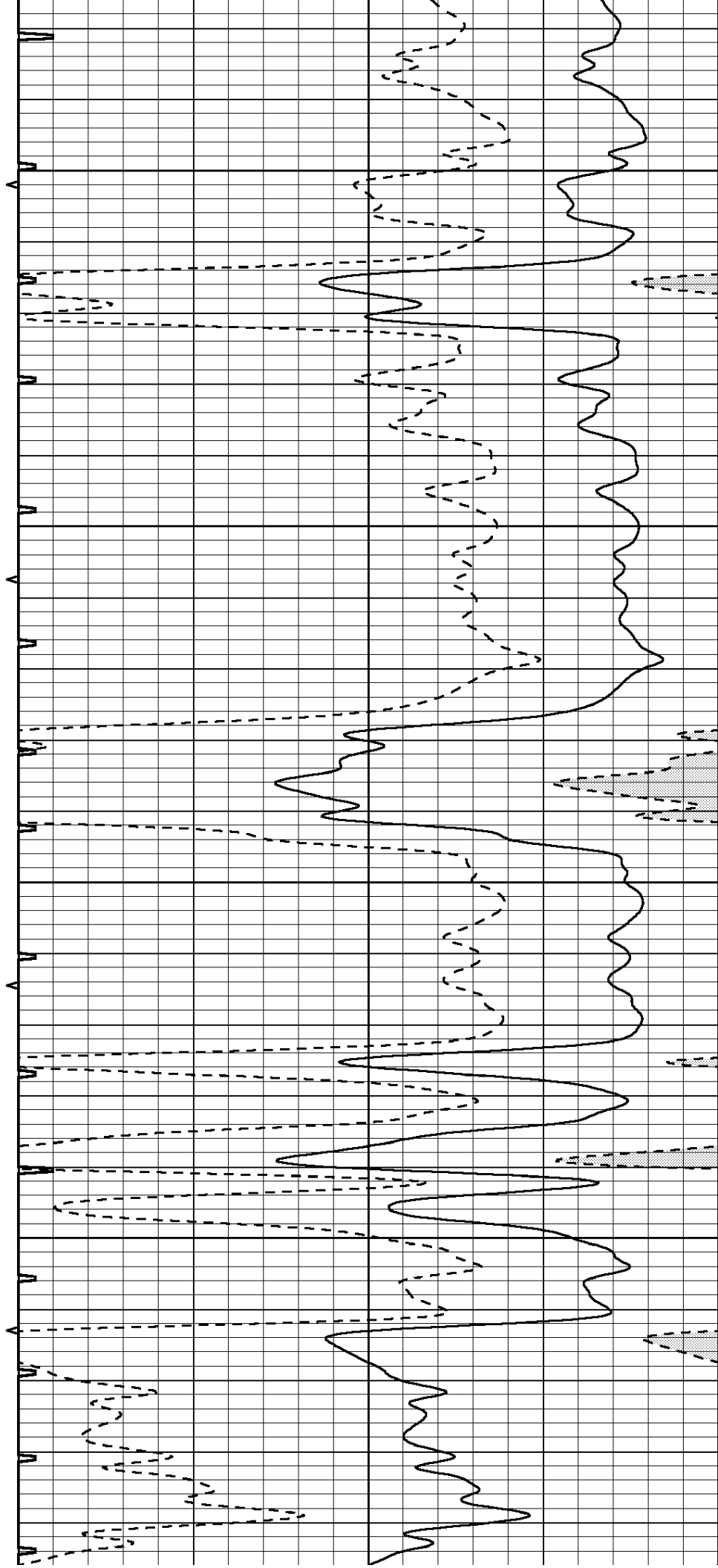


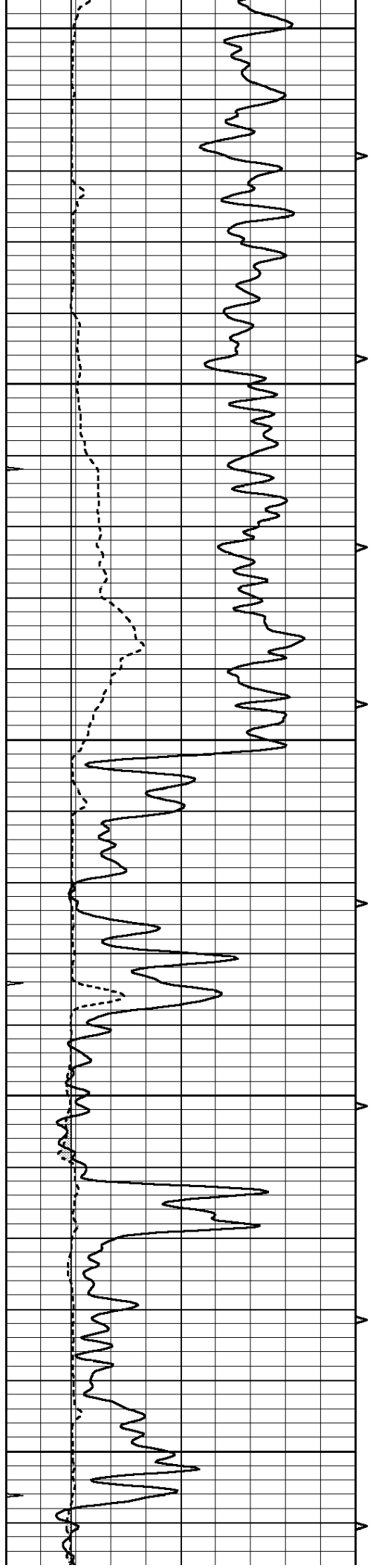
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4150





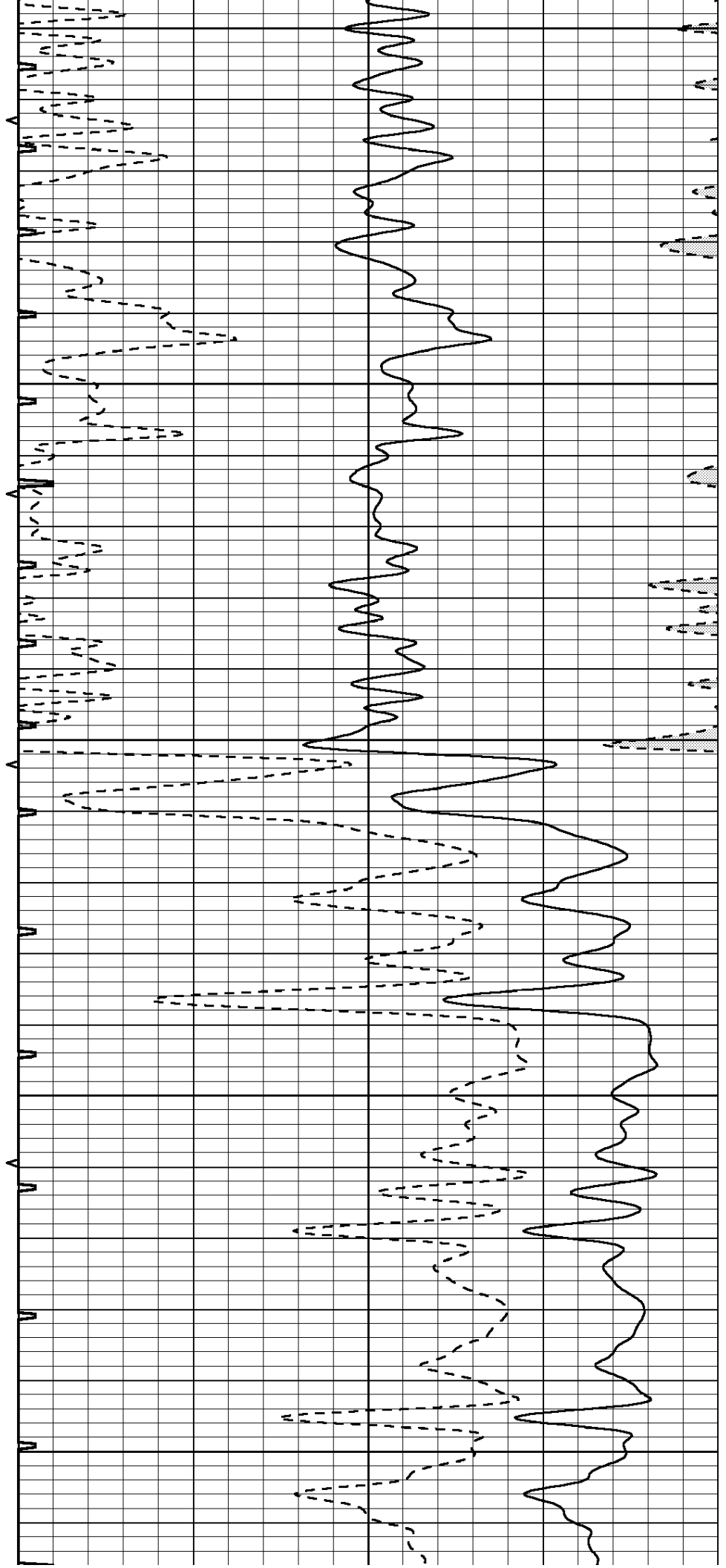
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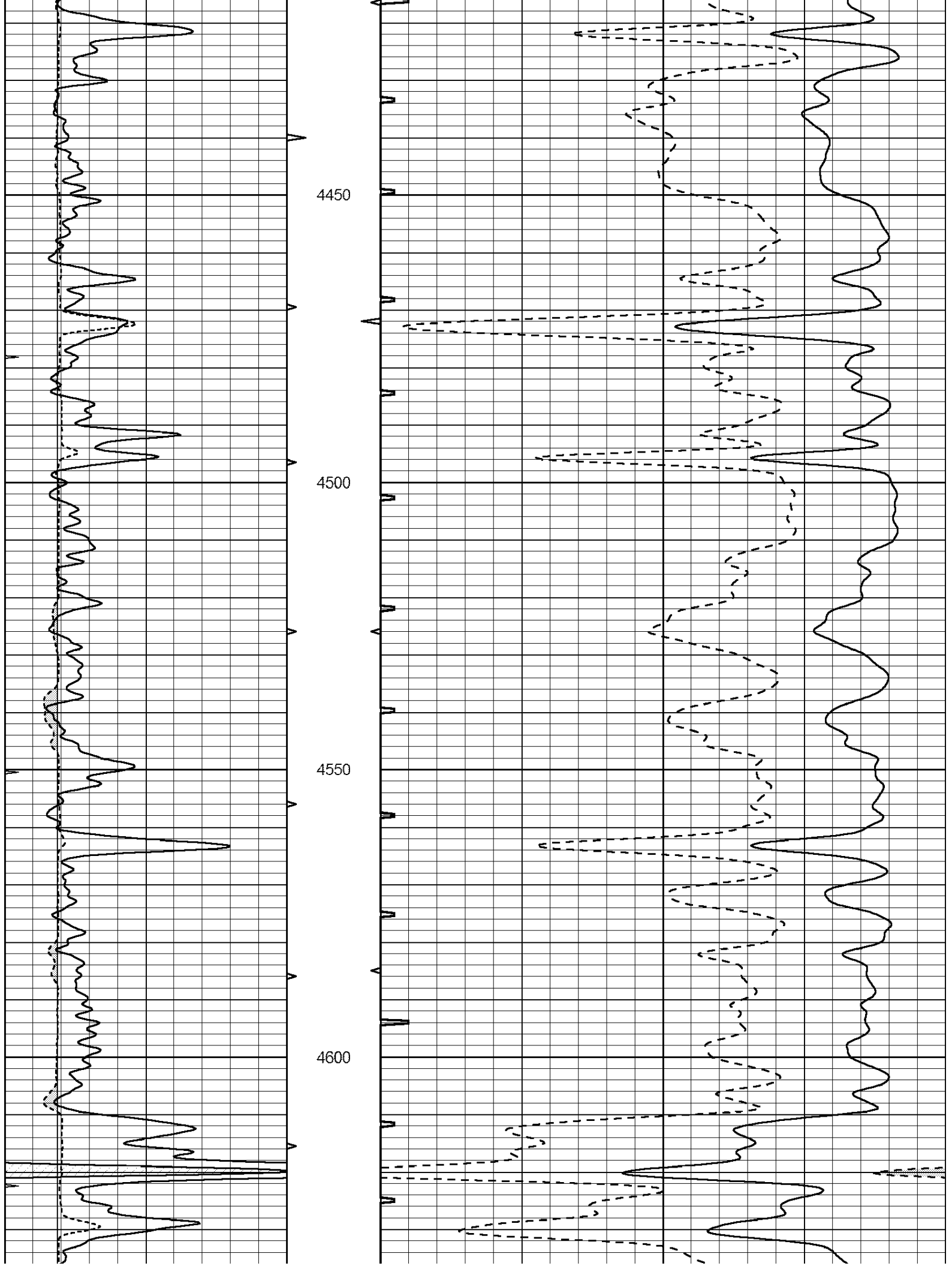
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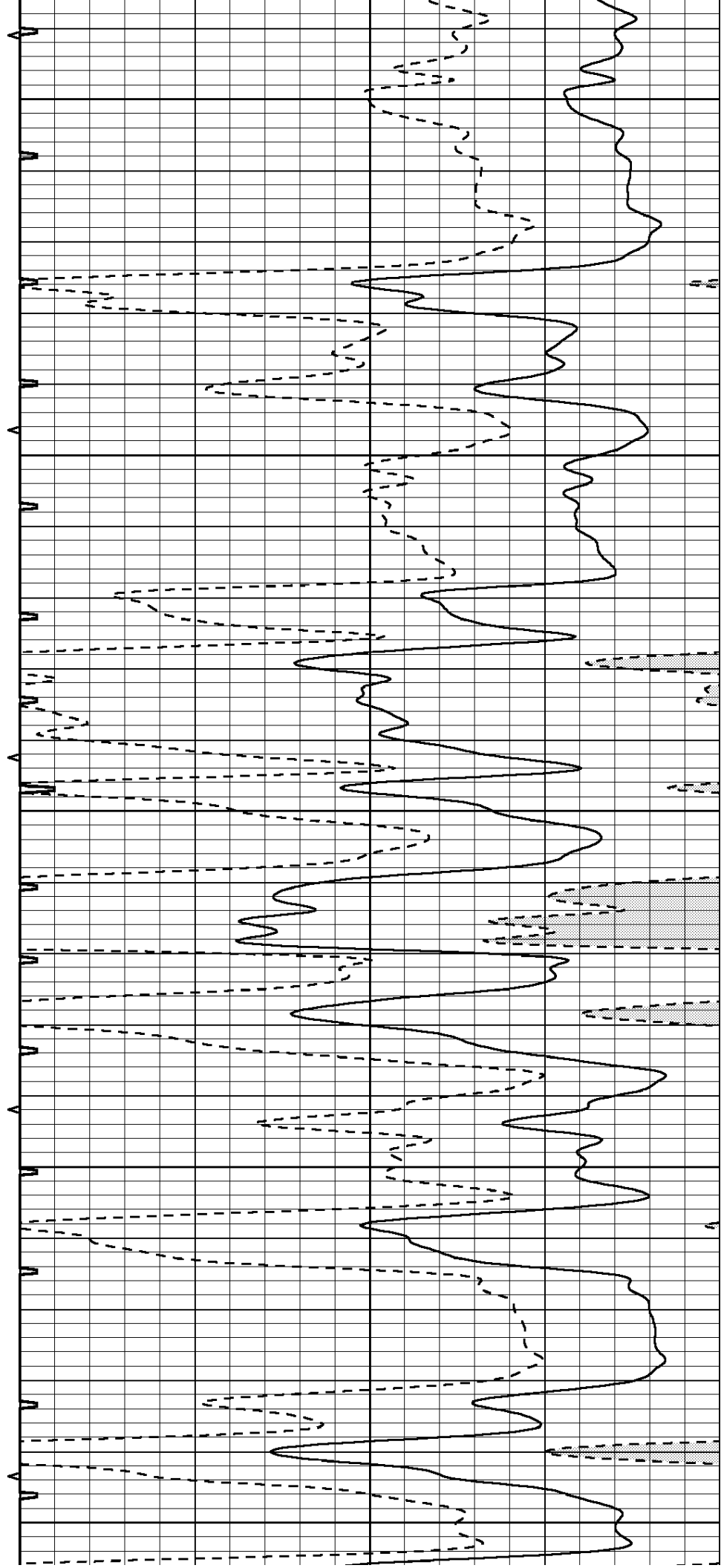
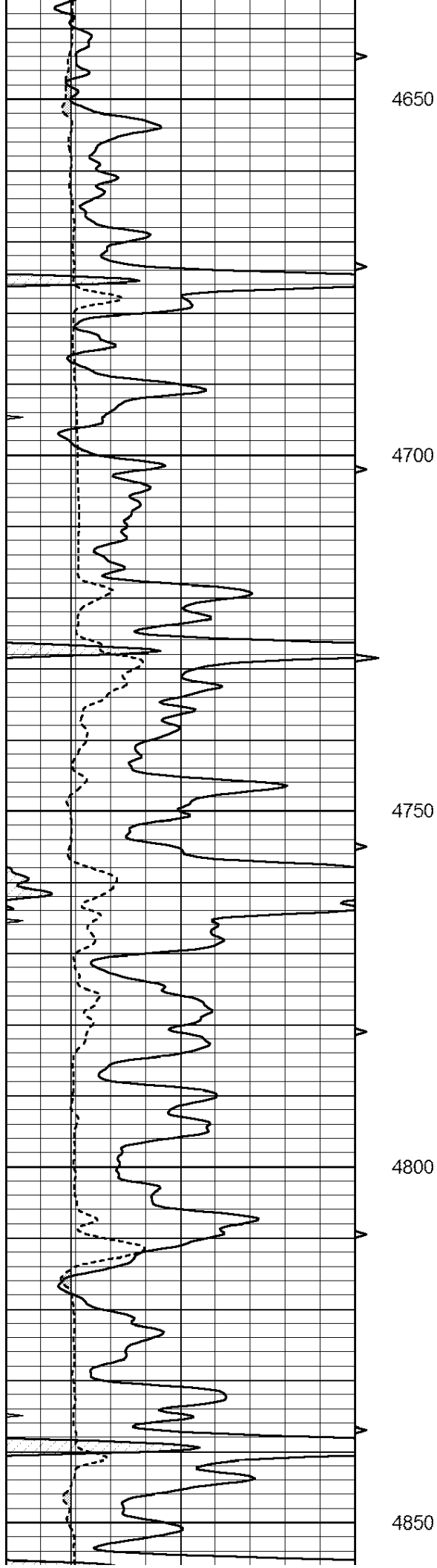
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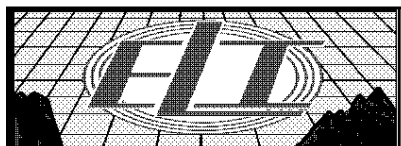
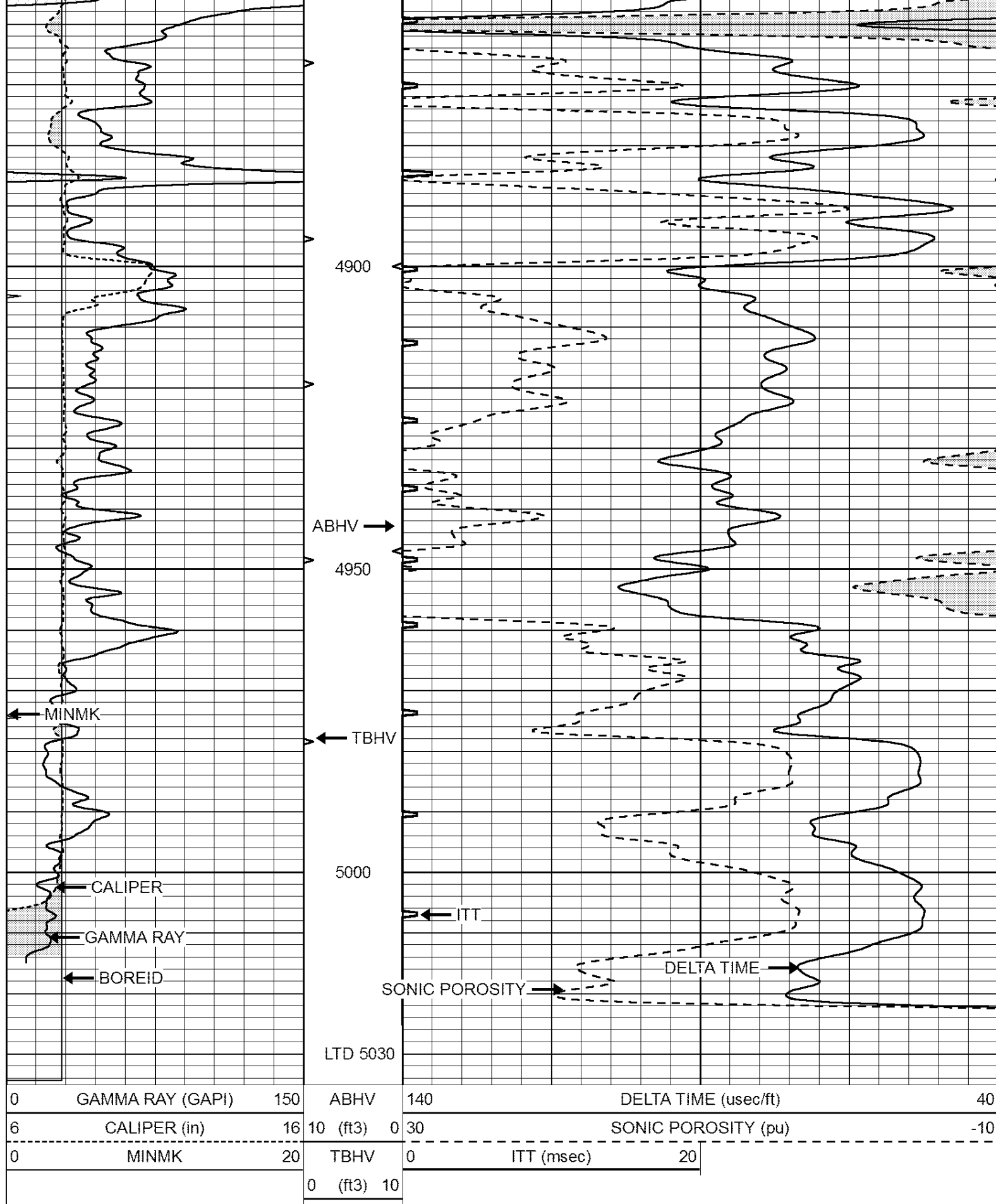
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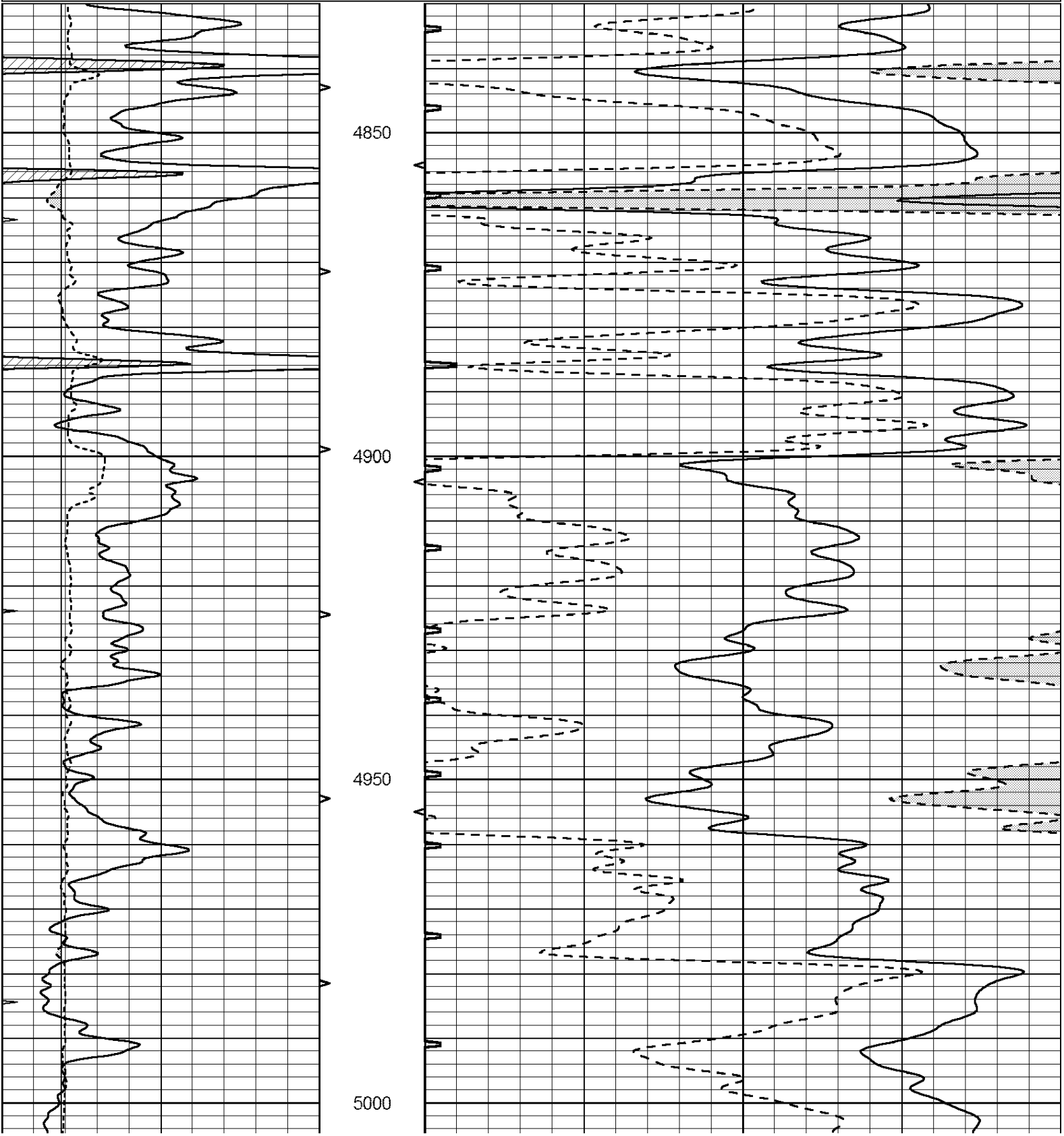


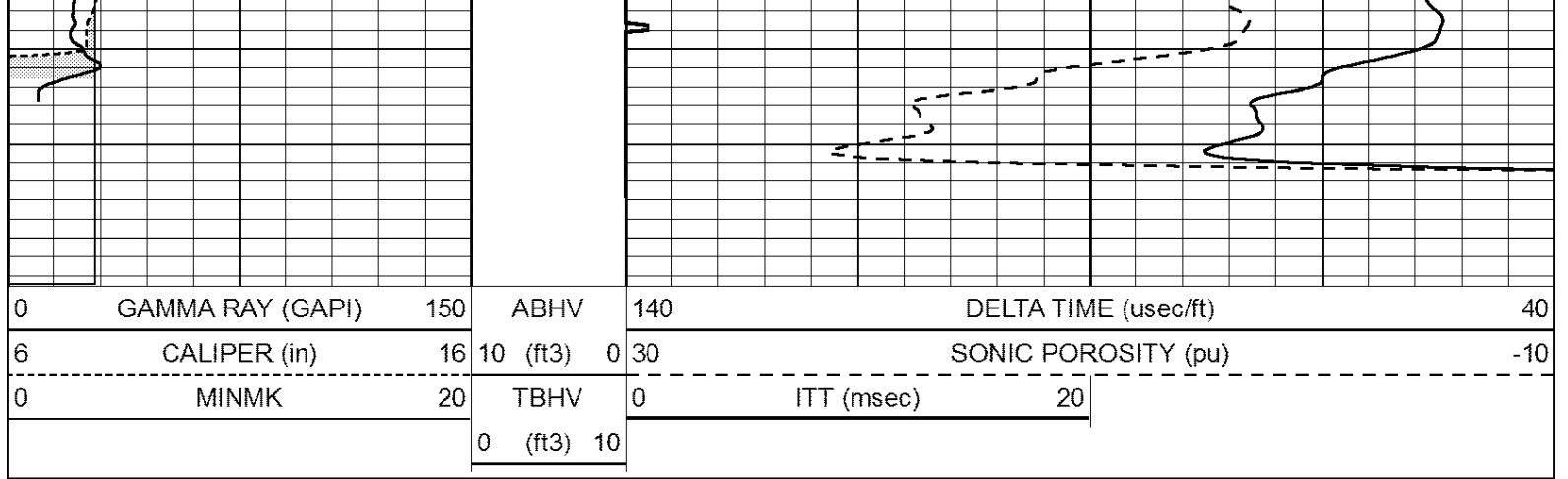


REPEAT SECTION

Database File: 3476pe.db
Dataset Pathname: pass4.1
Presentation Format: _slt
Dataset Creation: Sat Jan 12 09:46:30 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				





Calibration Report

Database File: 3476pe.db
 Dataset Pathname: pass4.1
 Dataset Creation: Sat Jan 12 09:46:30 2019

Gamma Ray Calibration Report

Serial Number: GR5
 Tool Model: OPEN
 Performed: Tue Jan 01 05:52:14 2019

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.7800 GAPI/cps