



SONIC LOG

Company	WHITE EXPLORATION INC.	Company	WHITE EXPLORATION INC.
Well	LAWRENCE #1	Well	LAWRENCE #1
Field	WHELAN WEST	Field	WHELAN WEST
County	BARBER	County	BARBER
State	KANSAS	State	KANSAS
Location:	AP1 # : 15-007-24366-0000	Other Services	CDL/CNL/DIL ML
Permanent Datum	2075' FSL & 650' FEL	Elevation	
Log Measured From	GROUND LEVEL	K.B. 1525	
Drilling Measured From	KELLY BUSHING 7' A.G.L.	D.F. 1523	
	KELLY BUSHING	G.L. 1518	
SEC 25	TWP 31S	RGE 12W	
Date	1/24/20	Run Number	TWO
Depth Driller	4630	Depth Logger	4629
Bottom Logged Interval	4619	Top Log Interval	00
Casing Driller	8 5/8" @ 394	Casing Logger	394
Bit Size	7 7/8"	Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4/47	pH / Fluid Loss	10.5/8.8
Source of Sample	FLOWLINE	Rm @ Meas. Temp	.60 @ 62F
Rmt @ Meas. Temp	.45 @ 62F	Rmc @ Meas. Temp	.72 @ 62F
Source of Rmt / Rmc	MEASURED	Rm @ BHT	.30 @ 122F
Time Circulation Stopped	2 HOURS	Time Logger on Bottom	///
Maximum Recorded Temperature	122F	Equipment Number	1523
Location	HAYS, KANSAS	Recorded By	GUS PFANENSTIEL
Witnessed By	ANDY WHITE		

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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

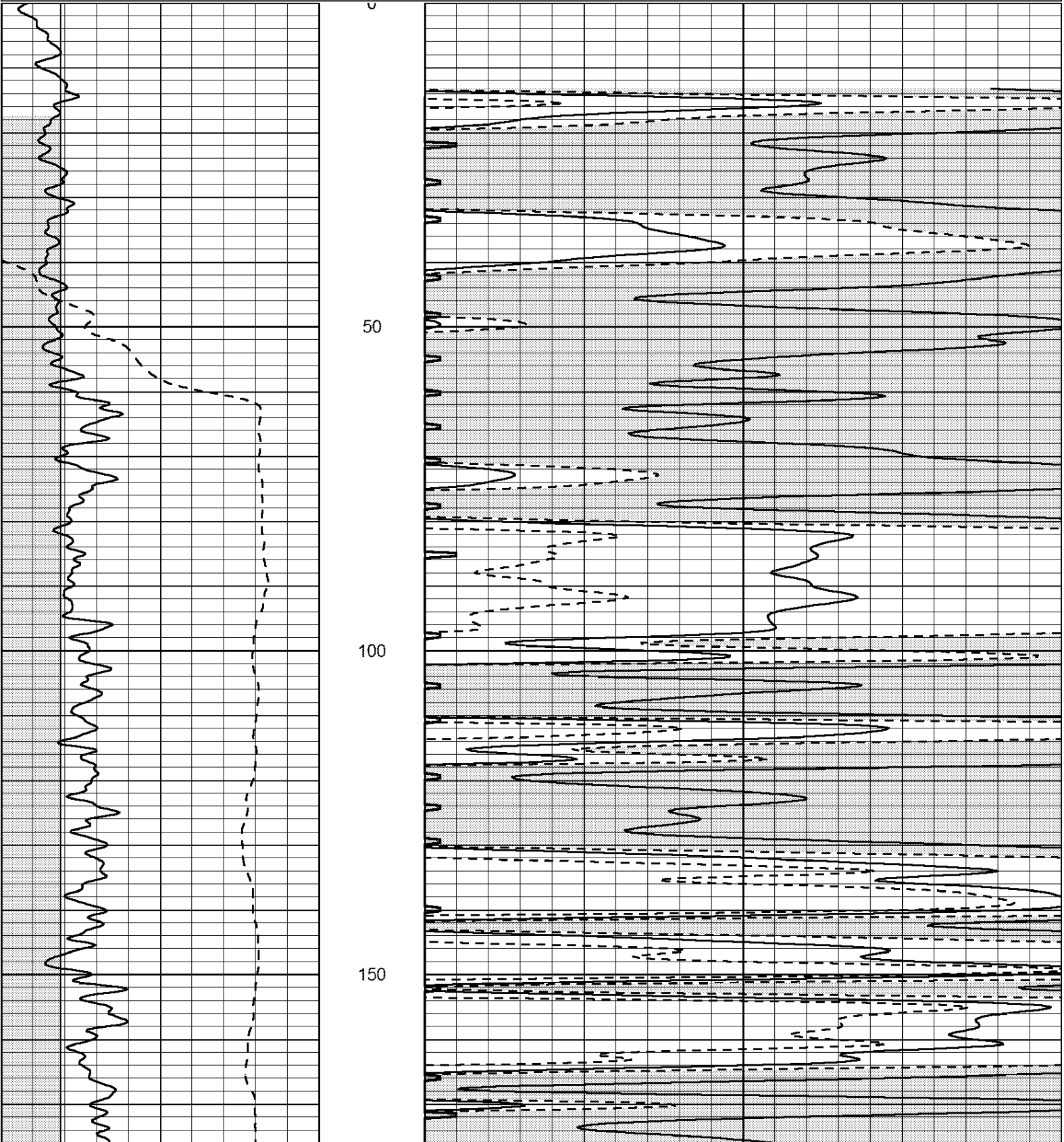
DIRECTIONS:NORTH OF MEDICINE LODGE TO WELL RD., EAST 1/2 MILE,
SOUTH 1/2, EAST 1/2, SOUTH INTO.

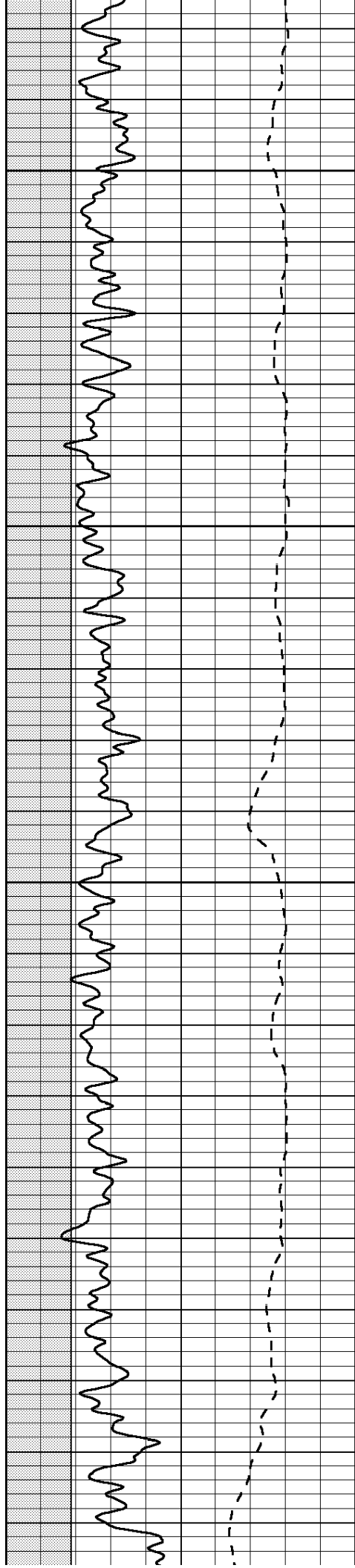


MAIN PASS

Database File: 4475pe.db
Dataset Pathname: pass1LAS
Presentation Format: _slt
Dataset Creation: Fri Jan 24 17:27:17 2020
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
-100	SP (mV)	100	TBHV	0	ITT (msec)	20
			0 (ft3) 10			



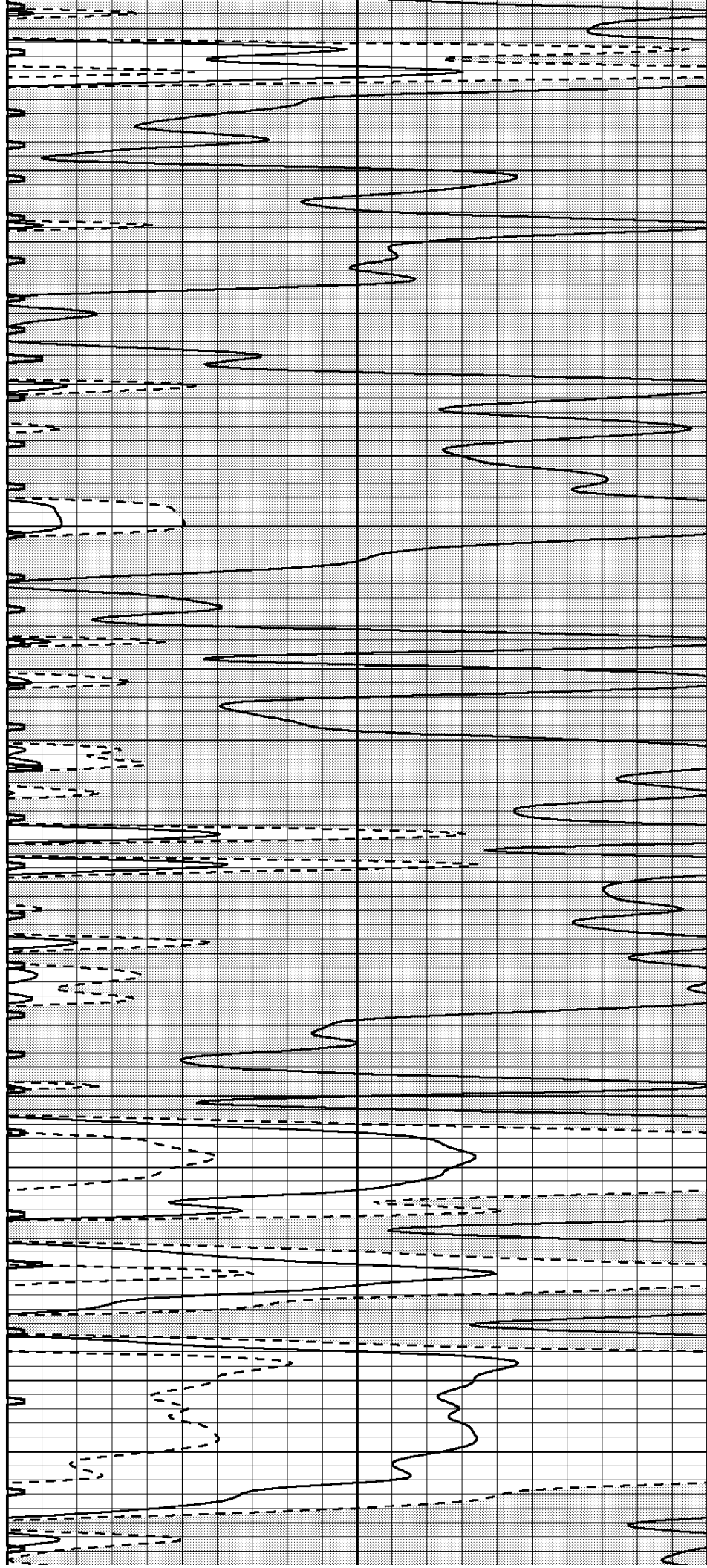


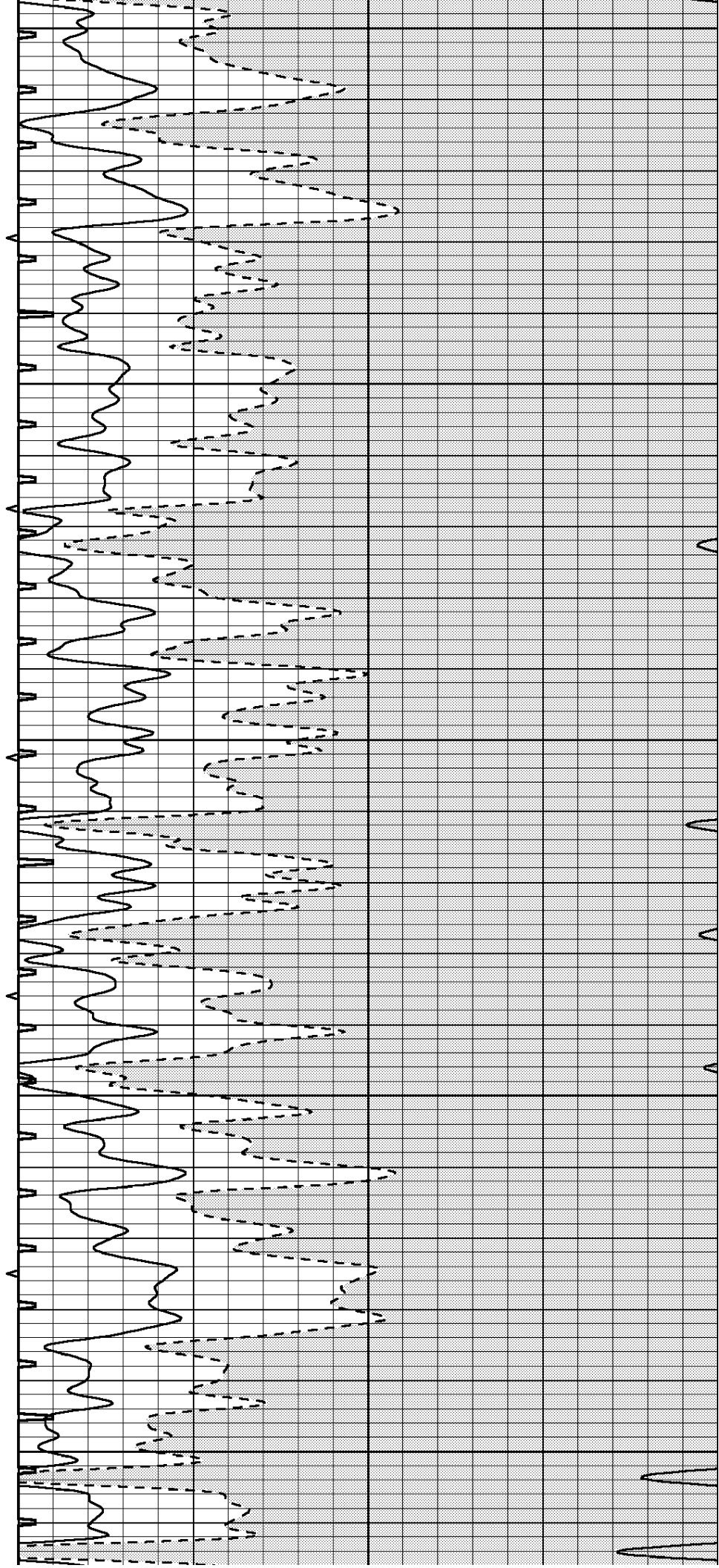
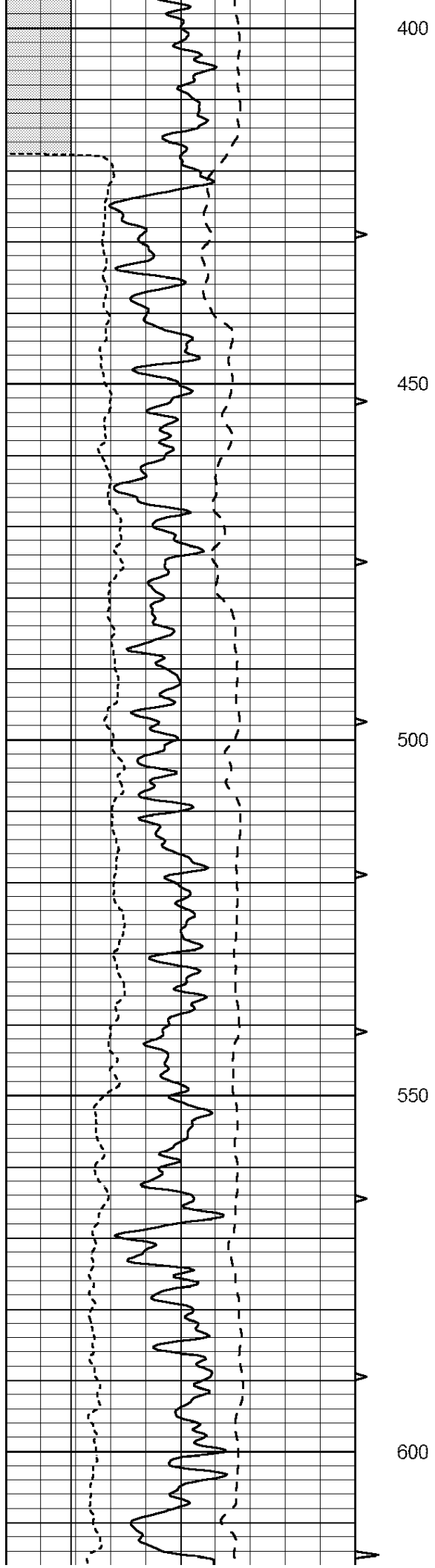
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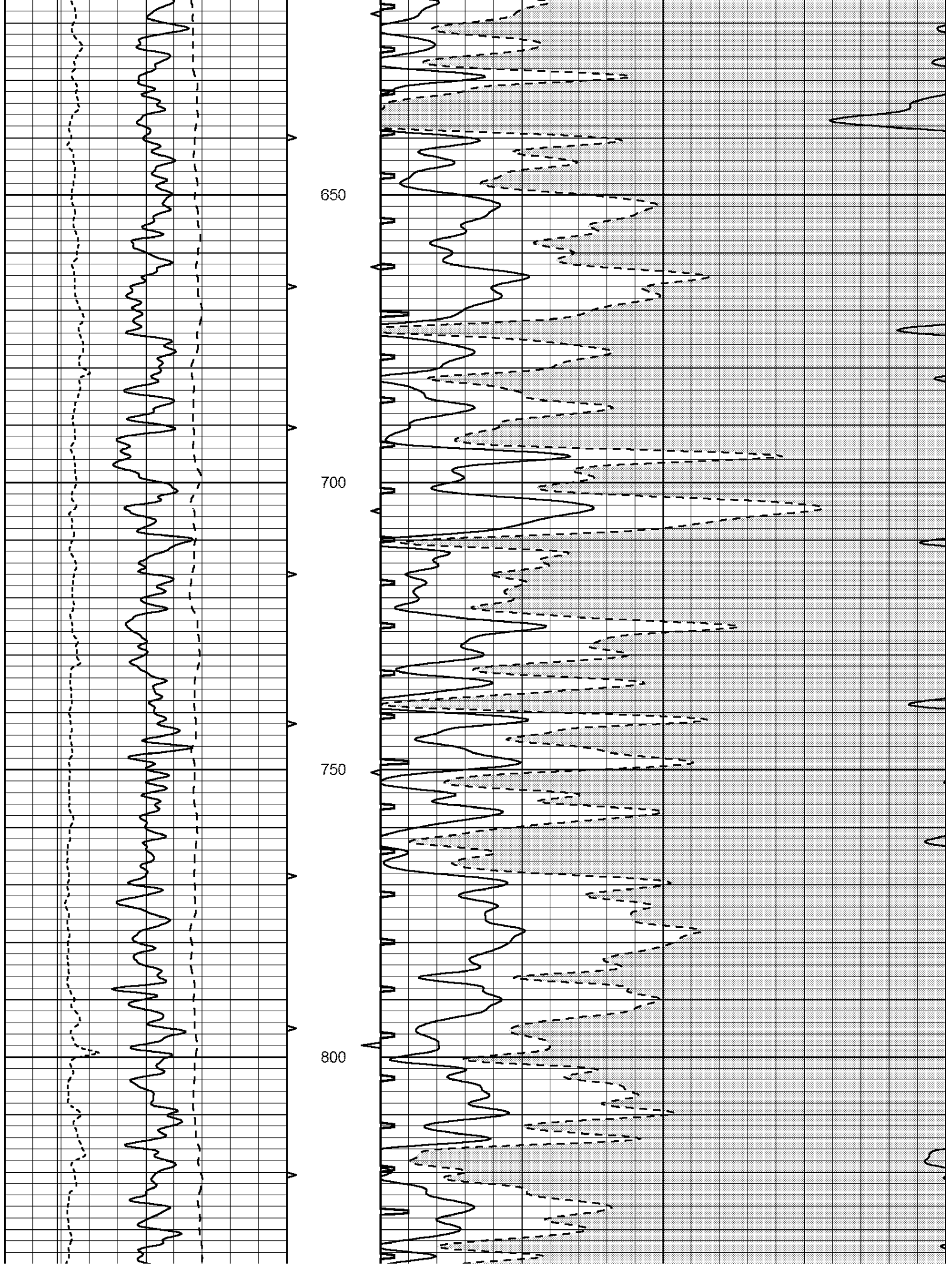
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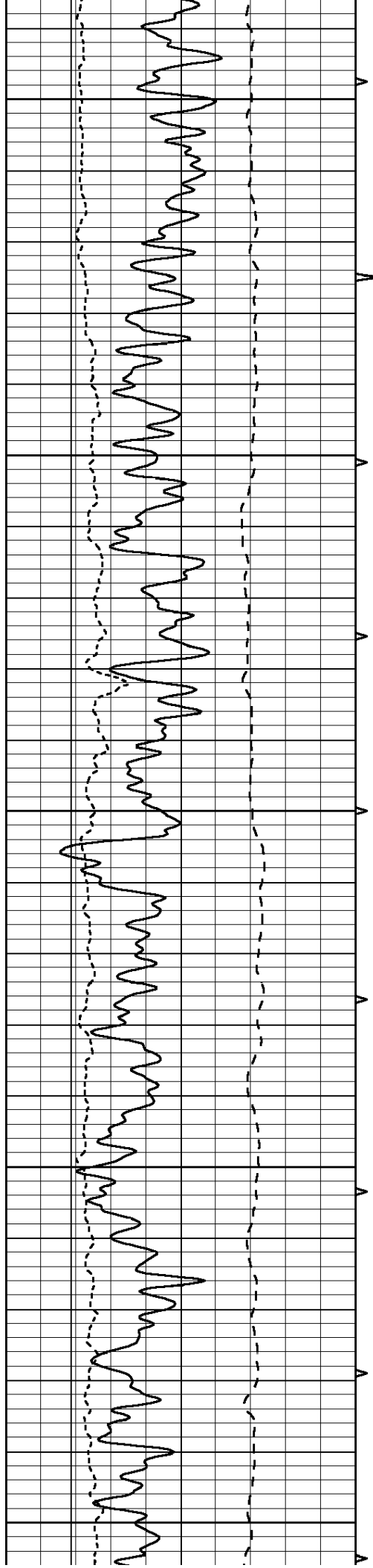
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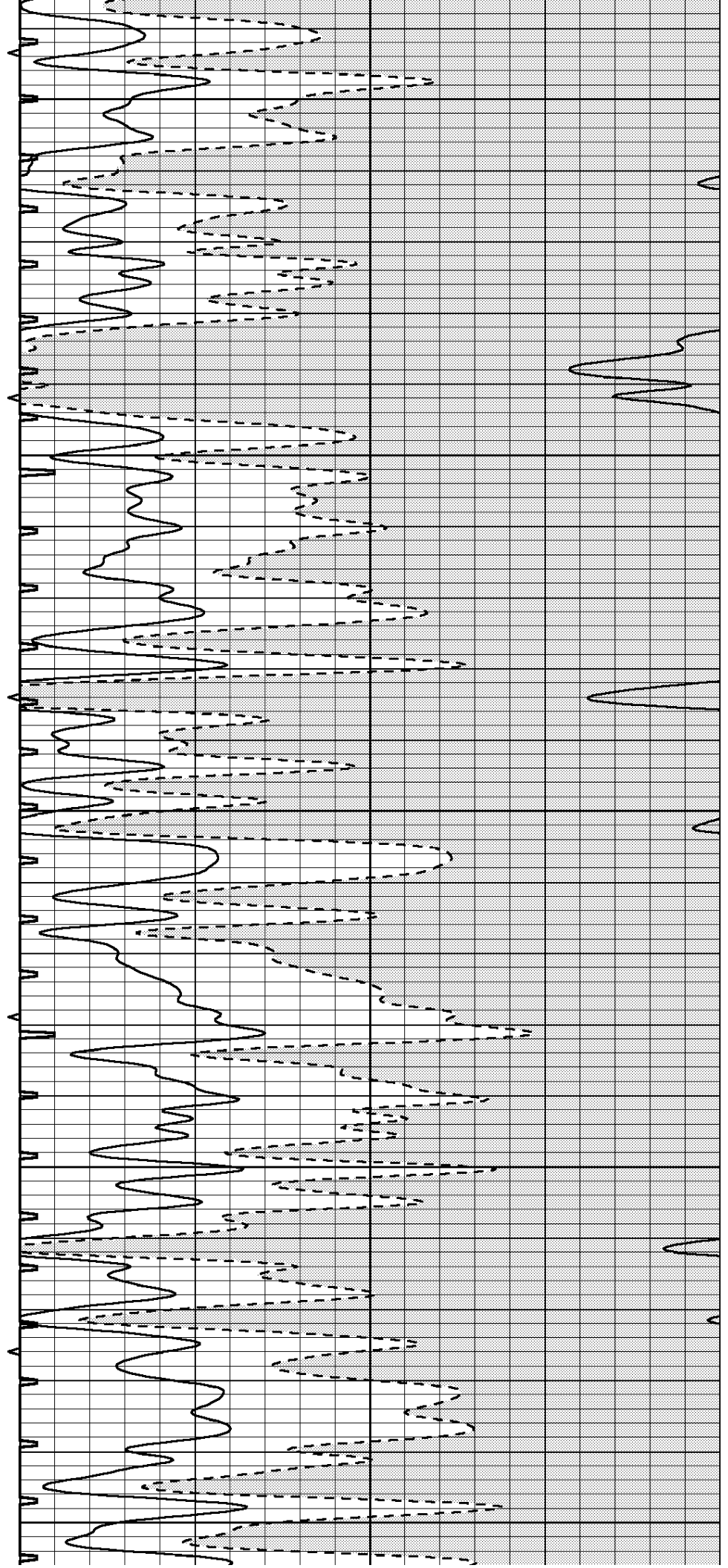
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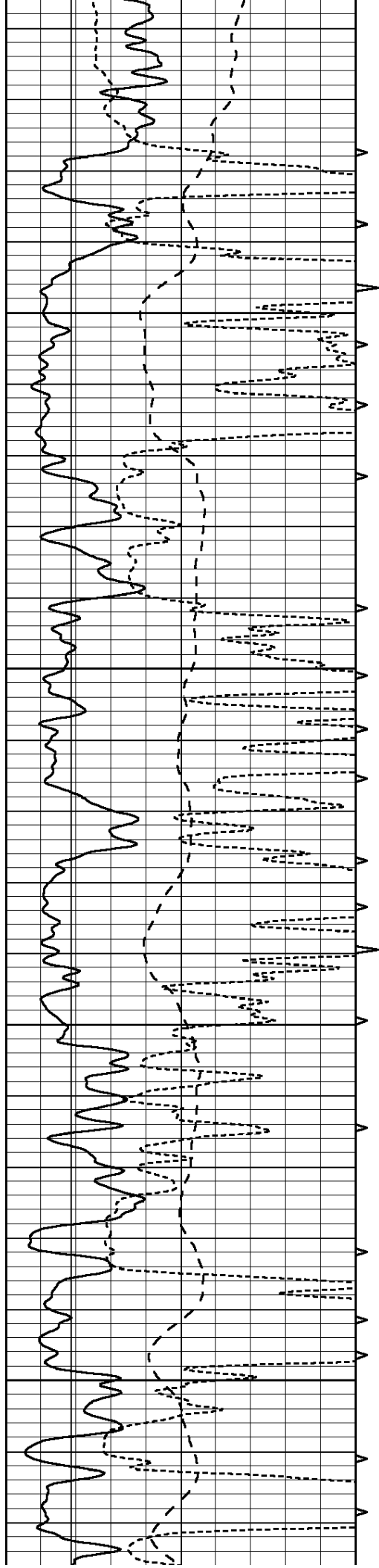
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950

1000

1050



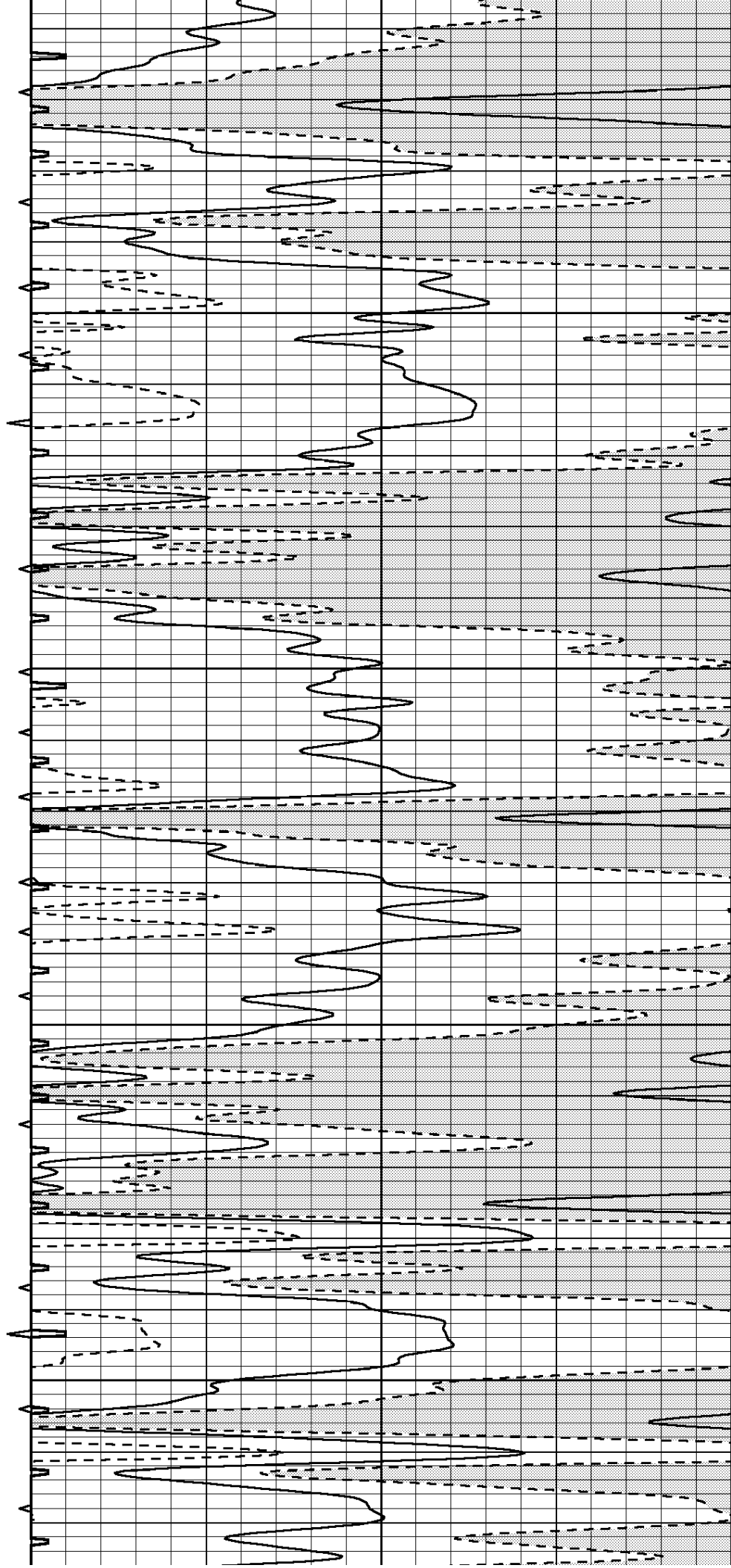


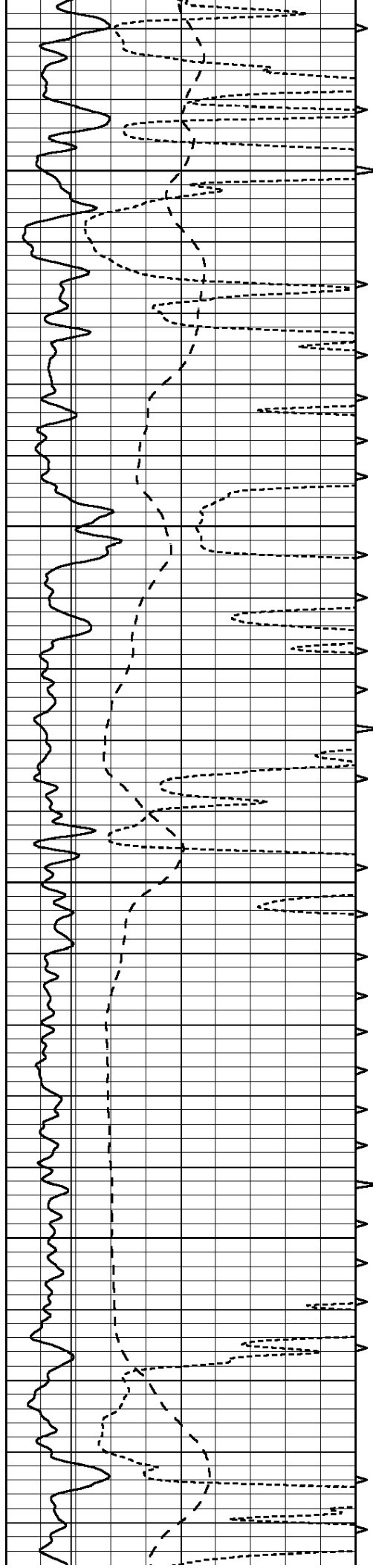
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1150

1200

1250



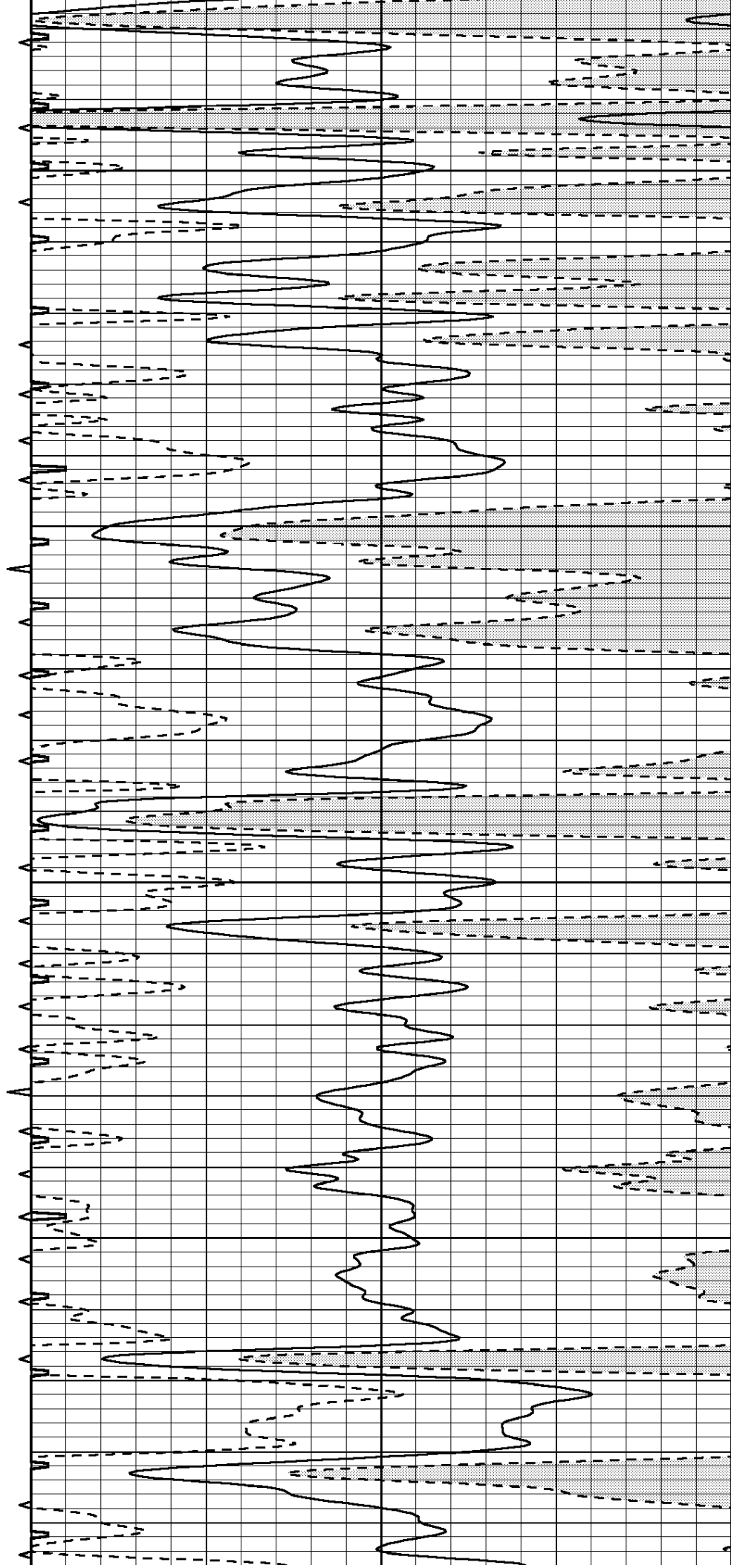


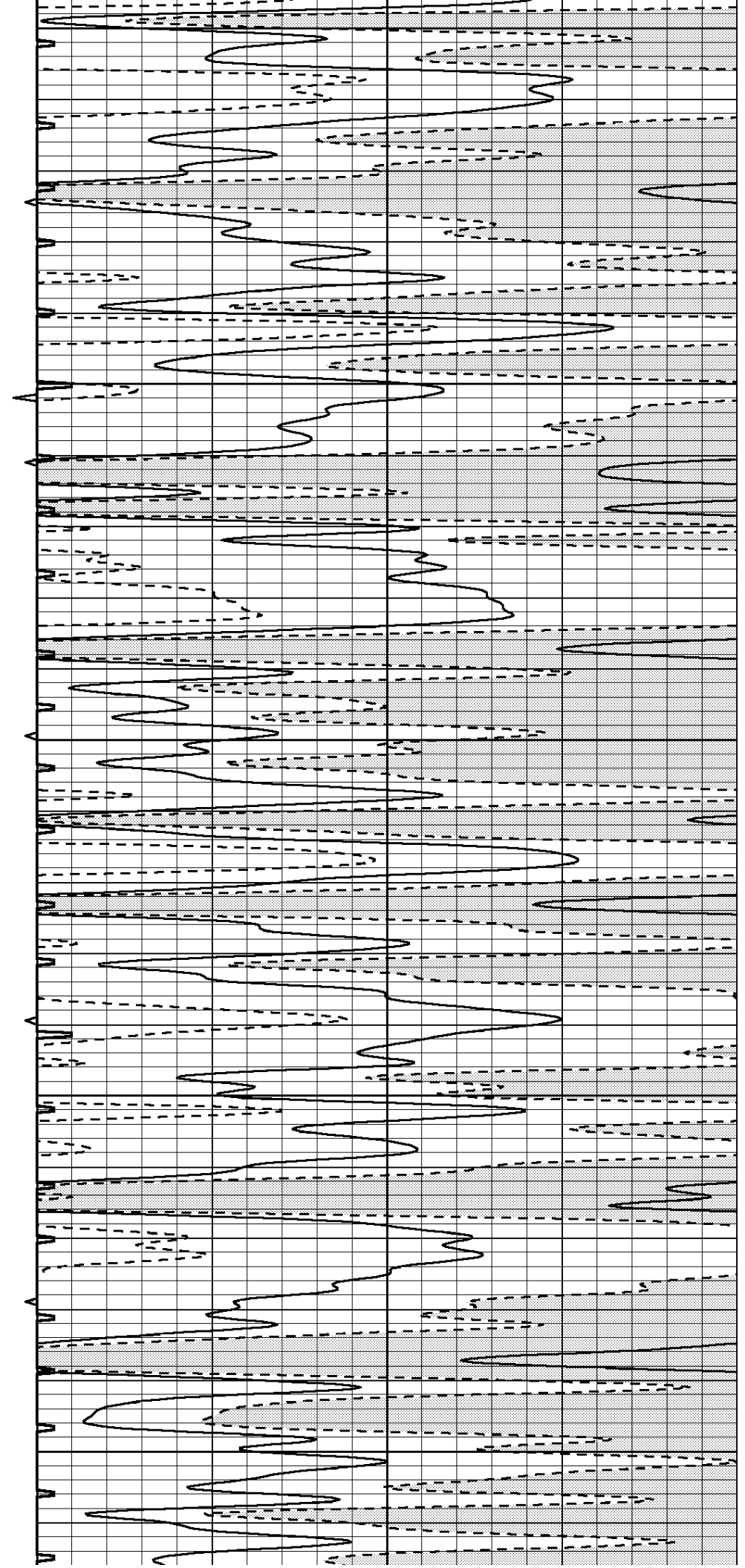
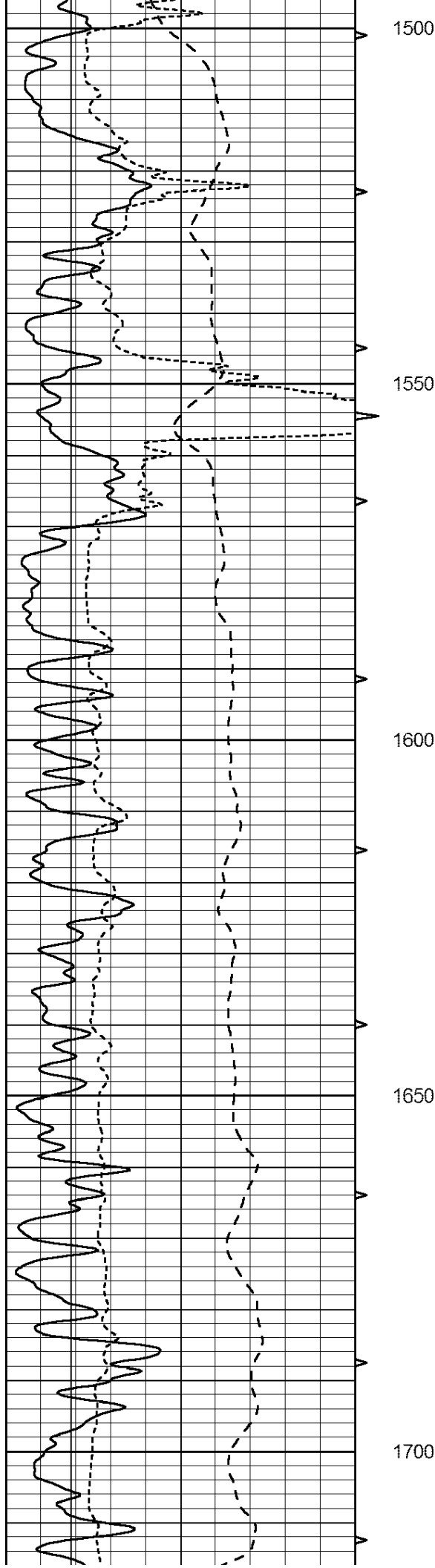
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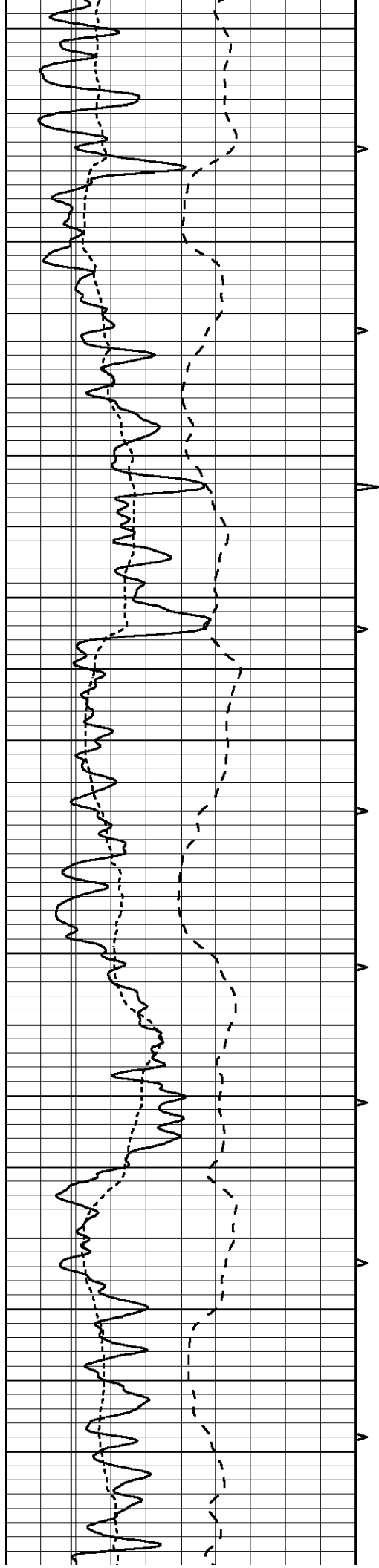
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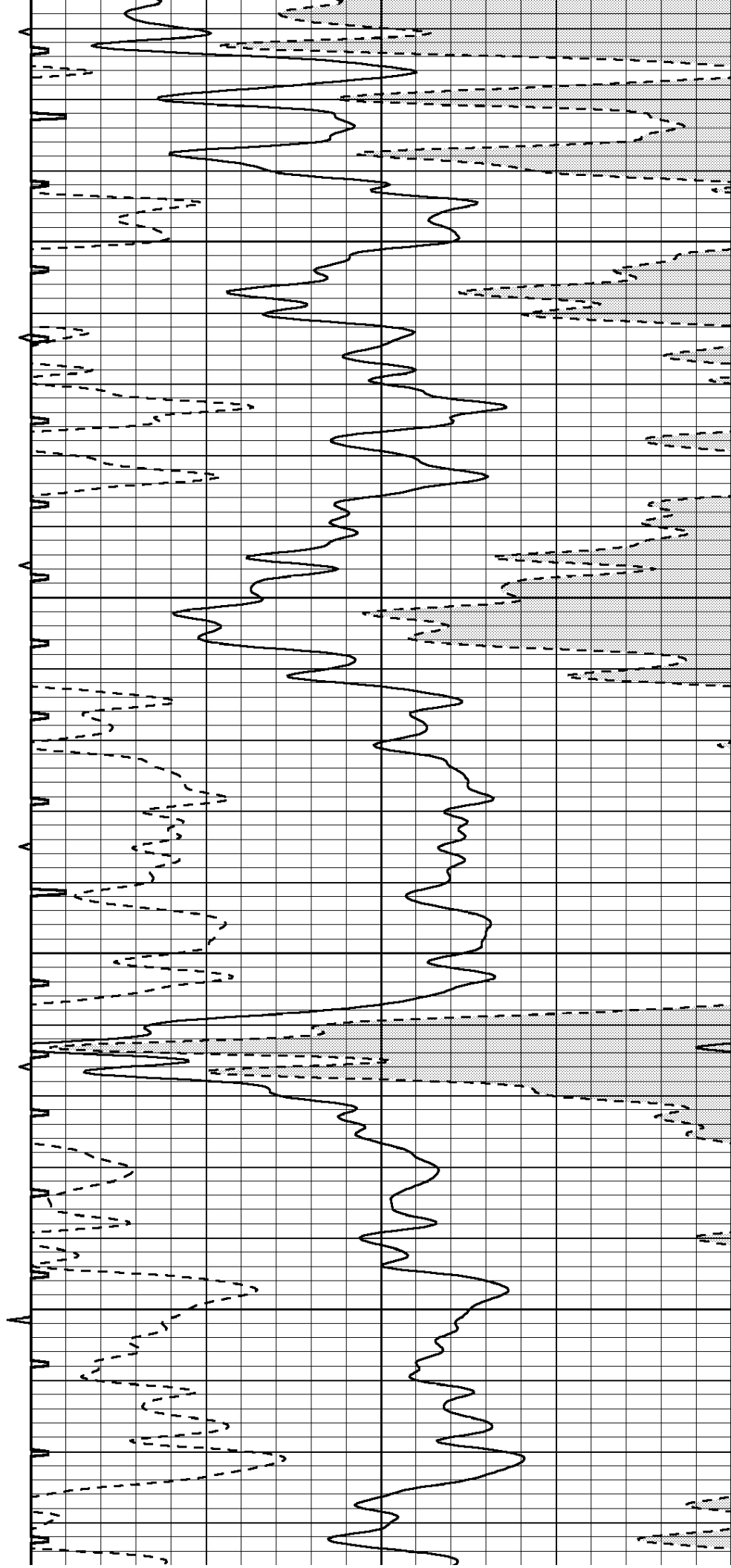


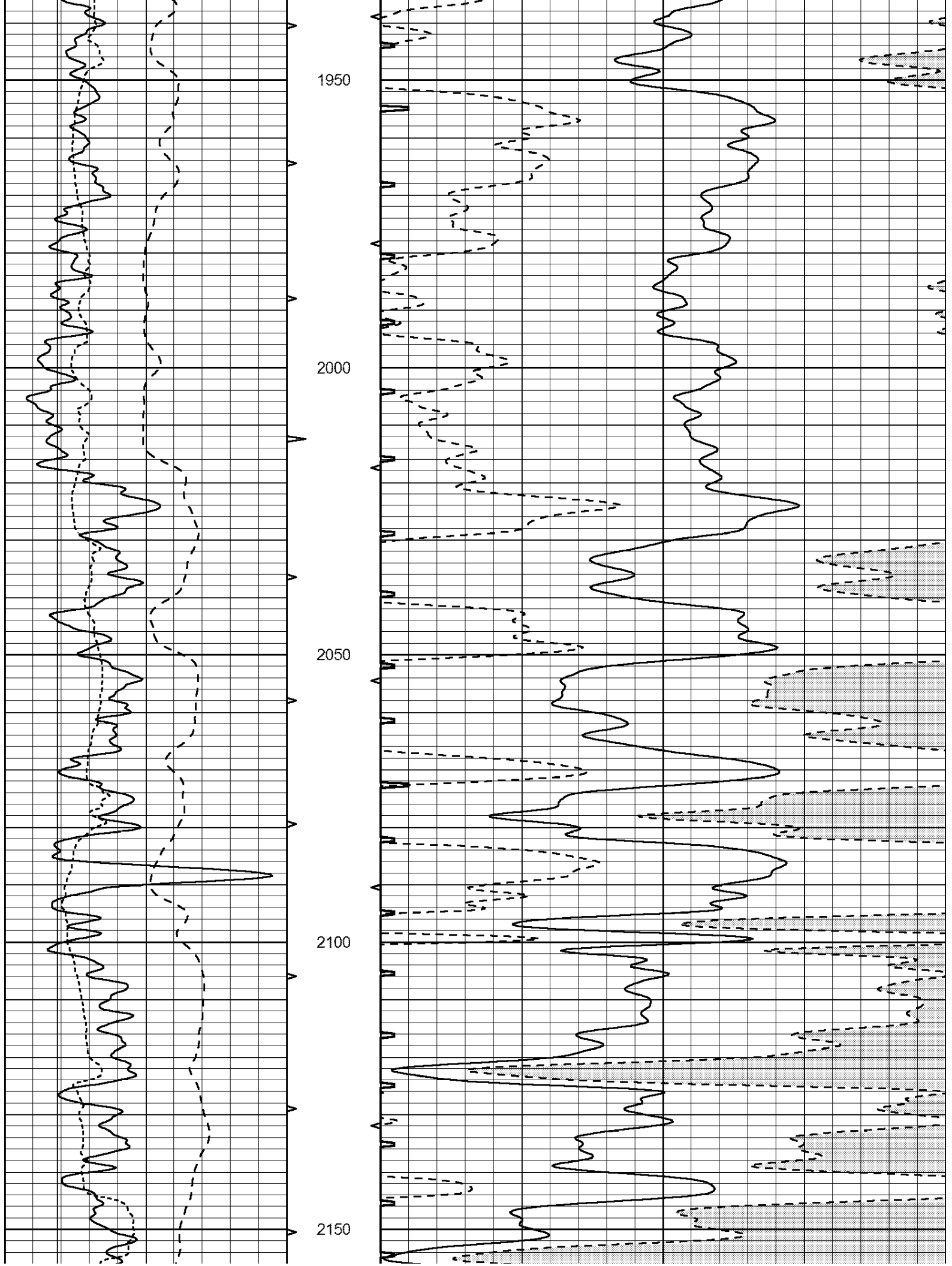
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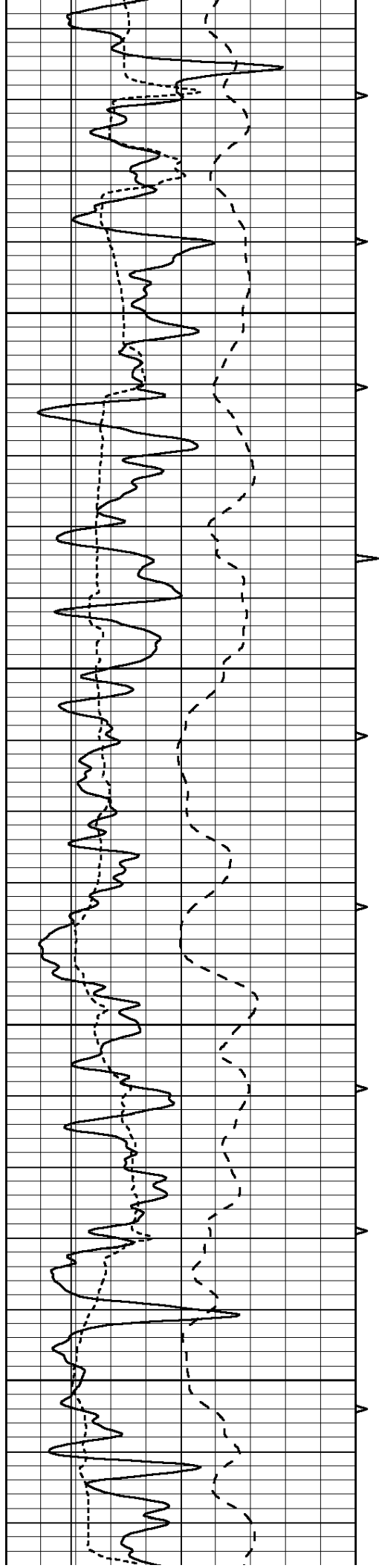
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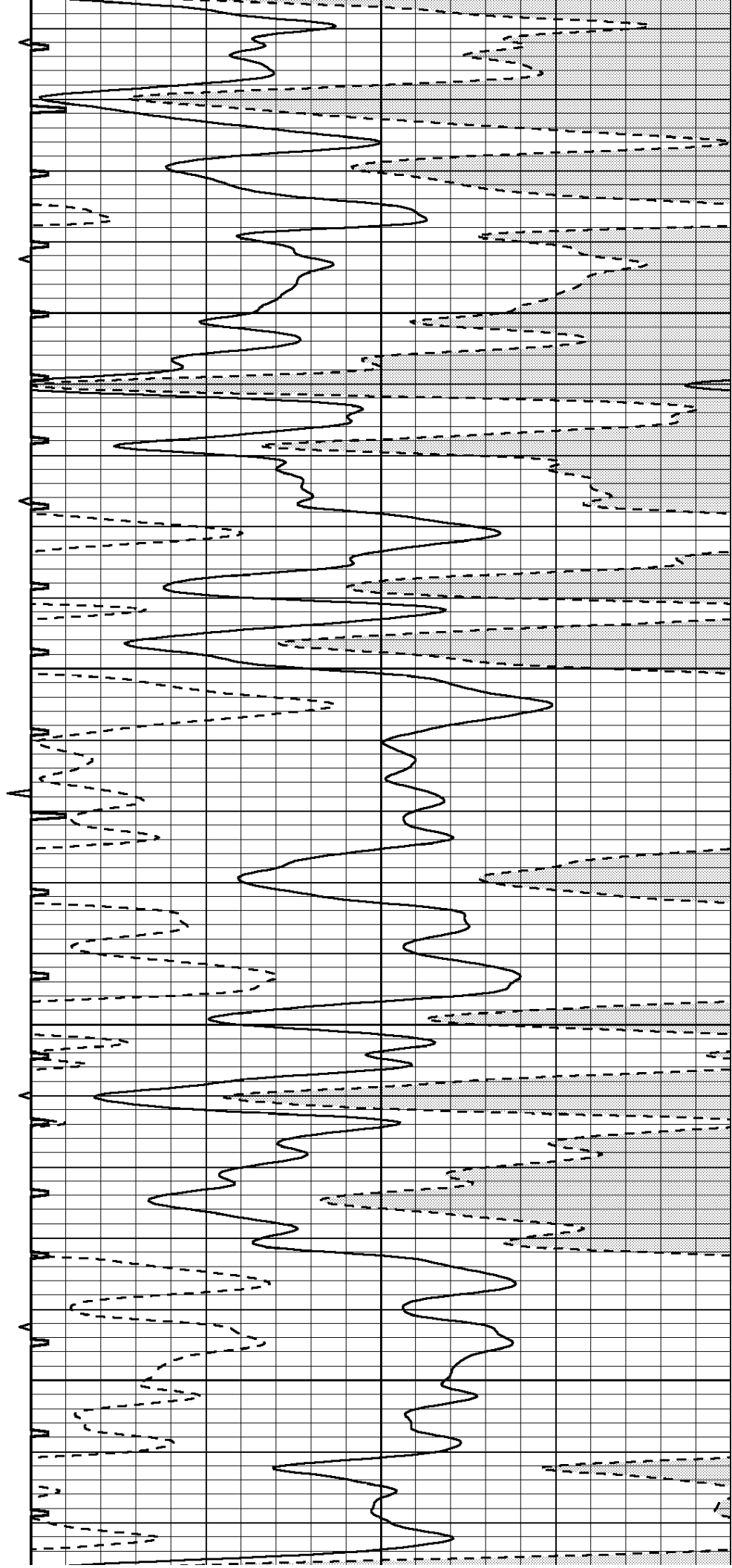


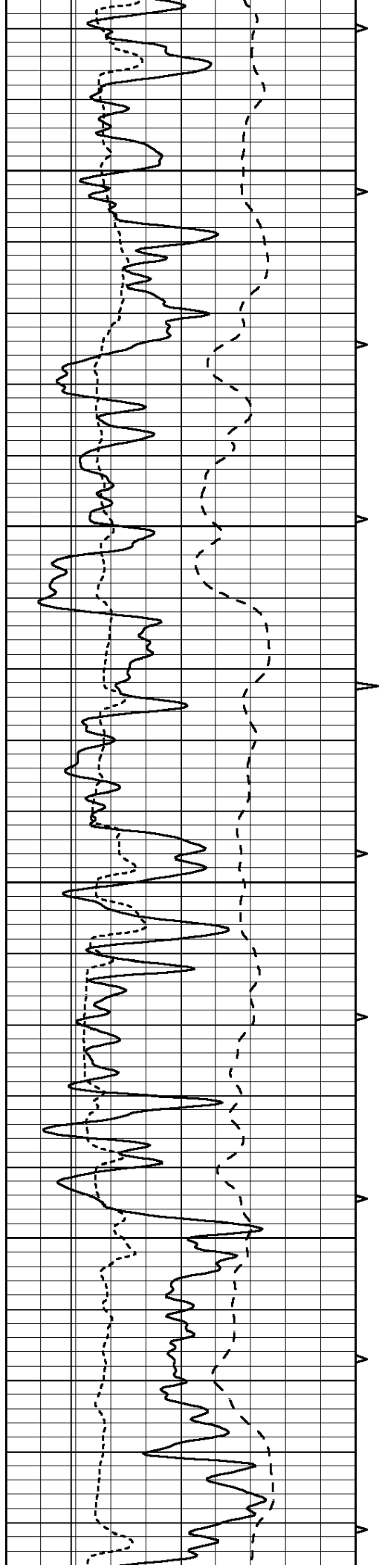
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2350



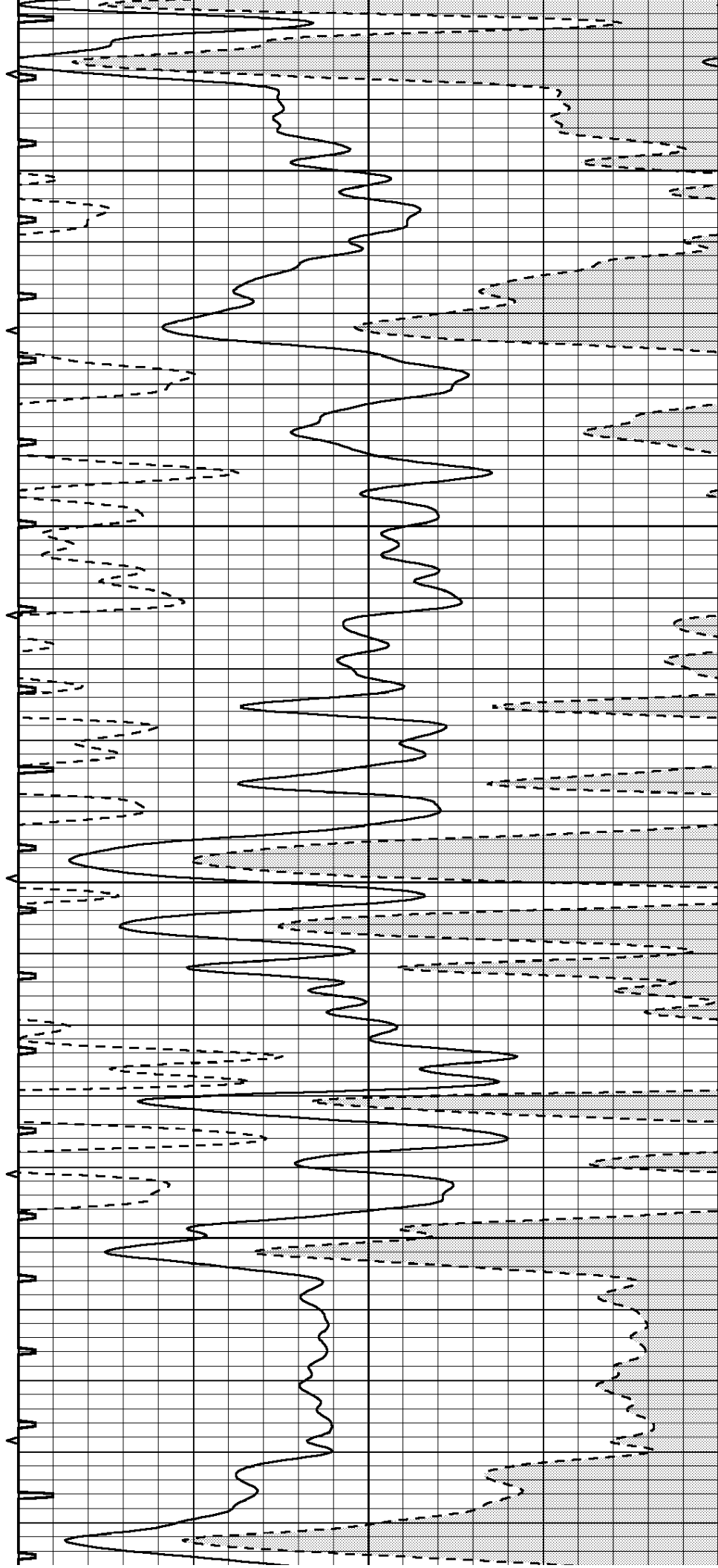


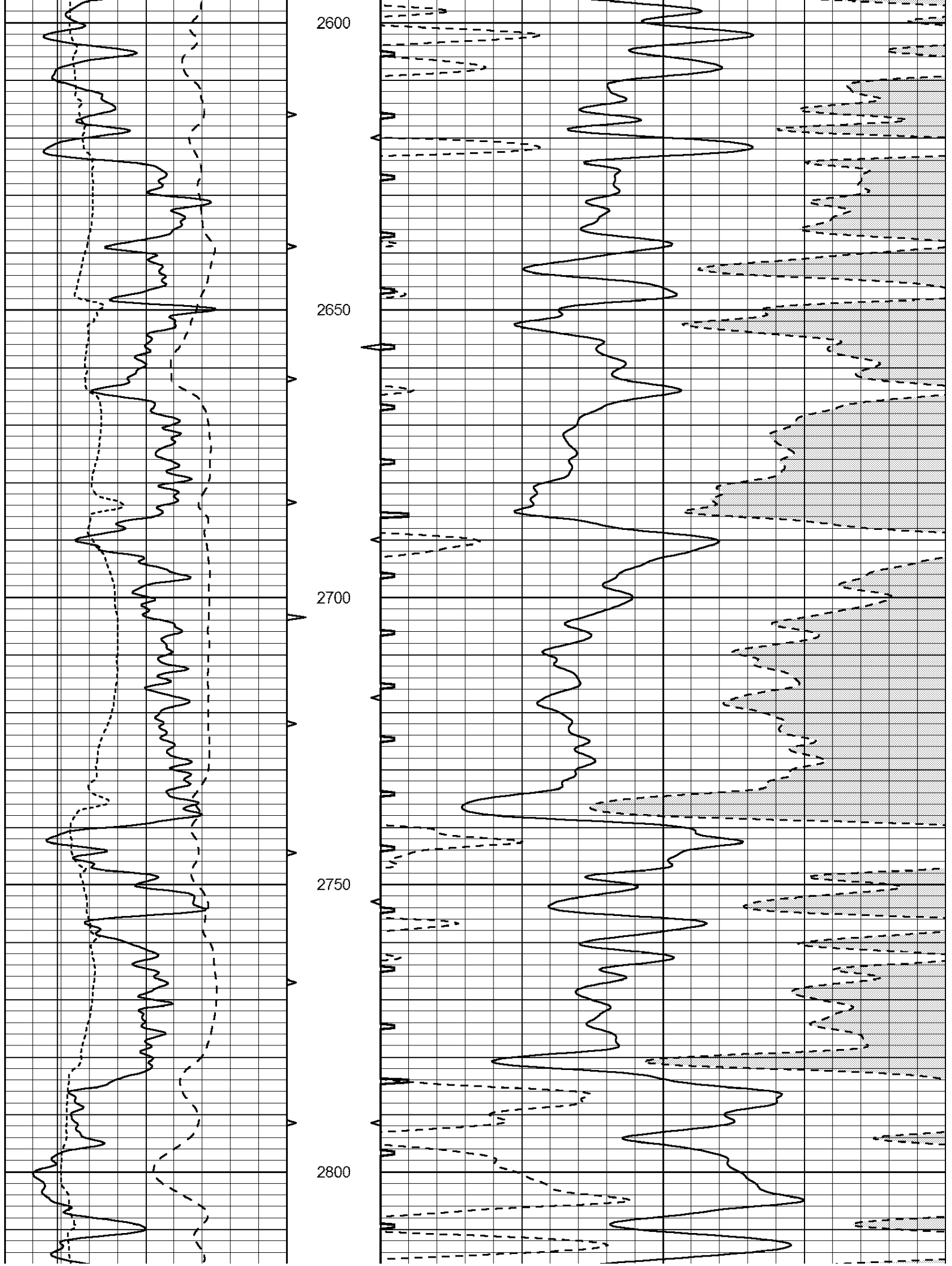
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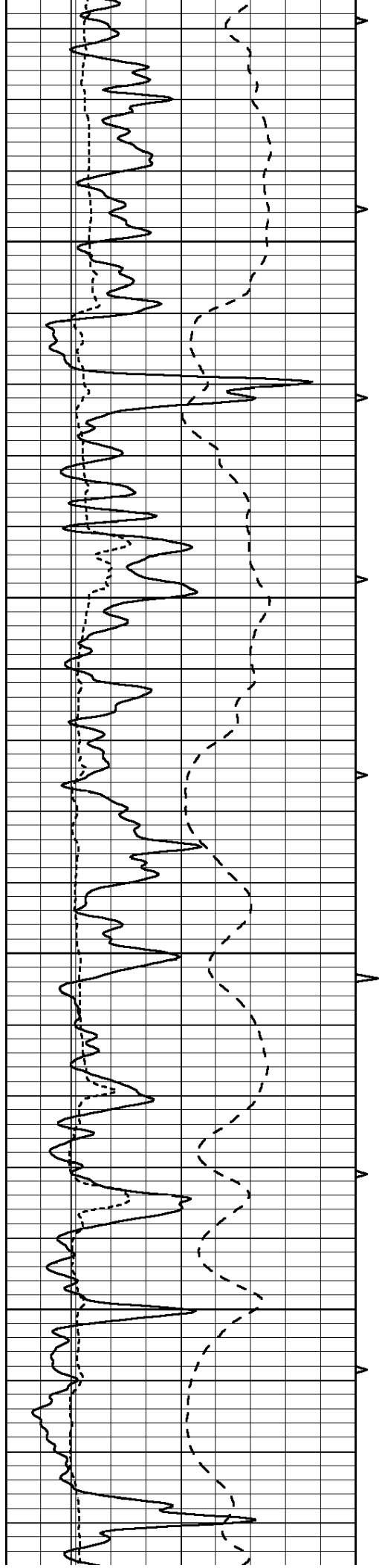
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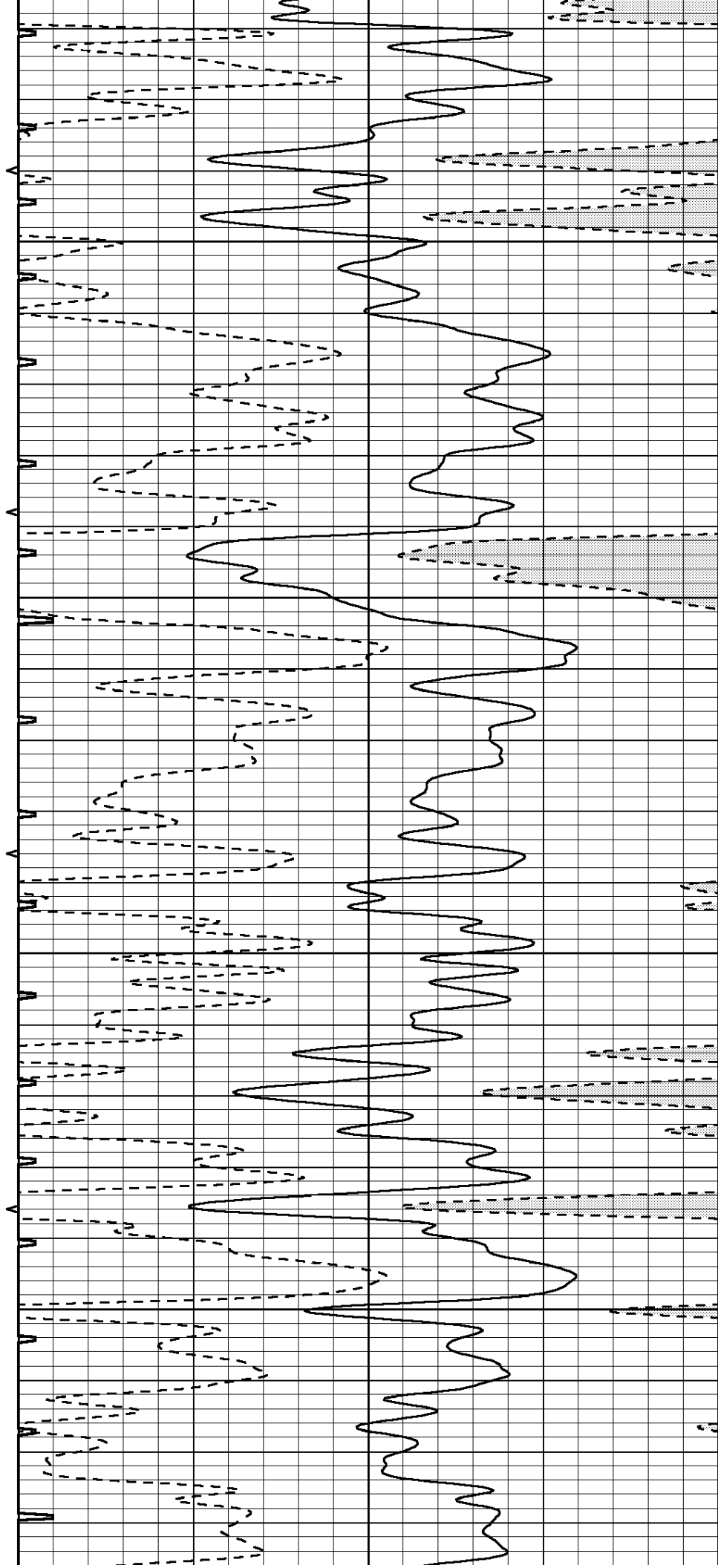


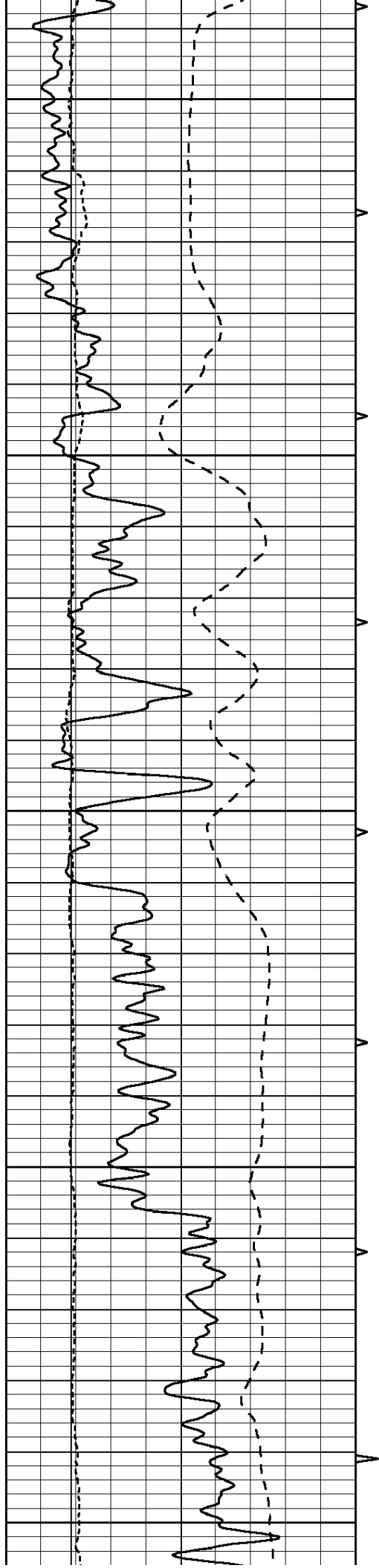
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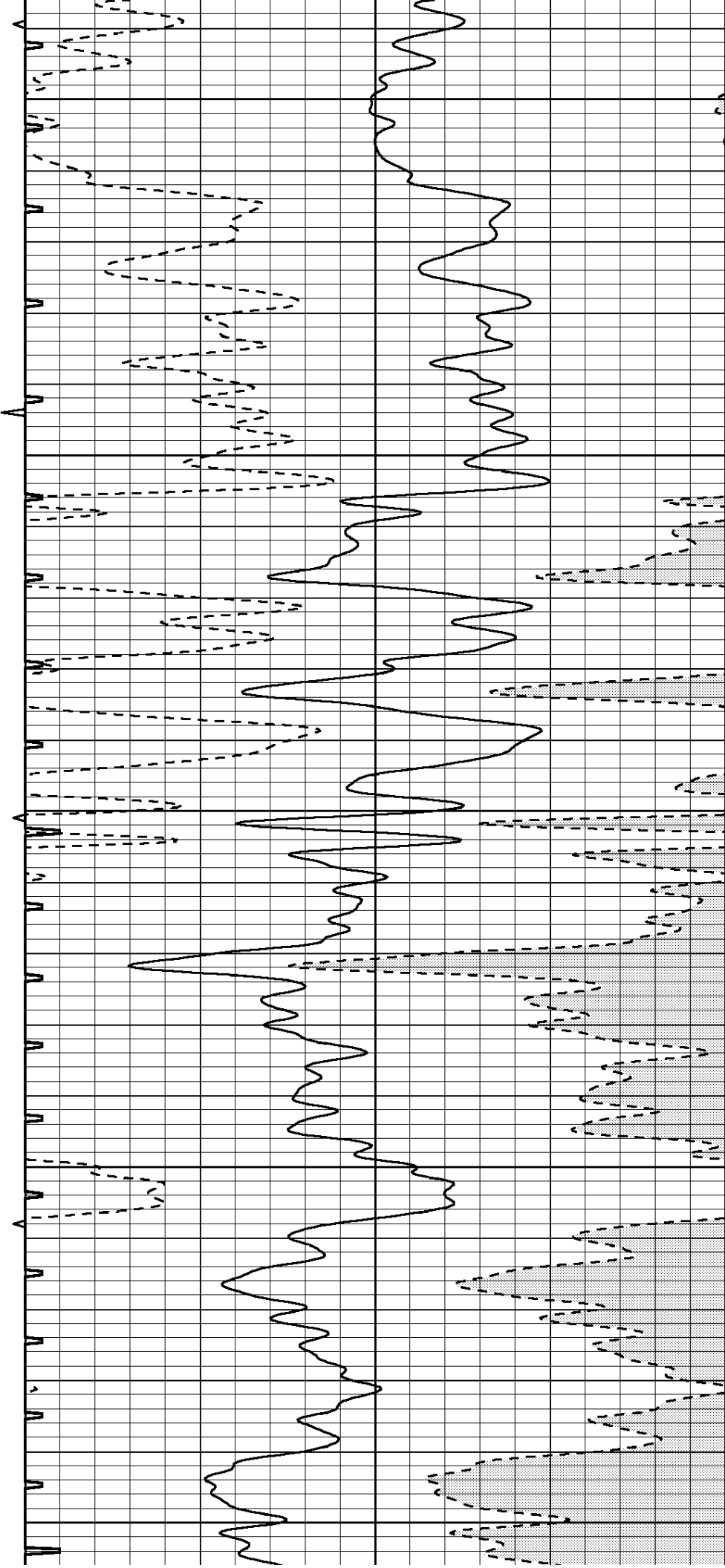
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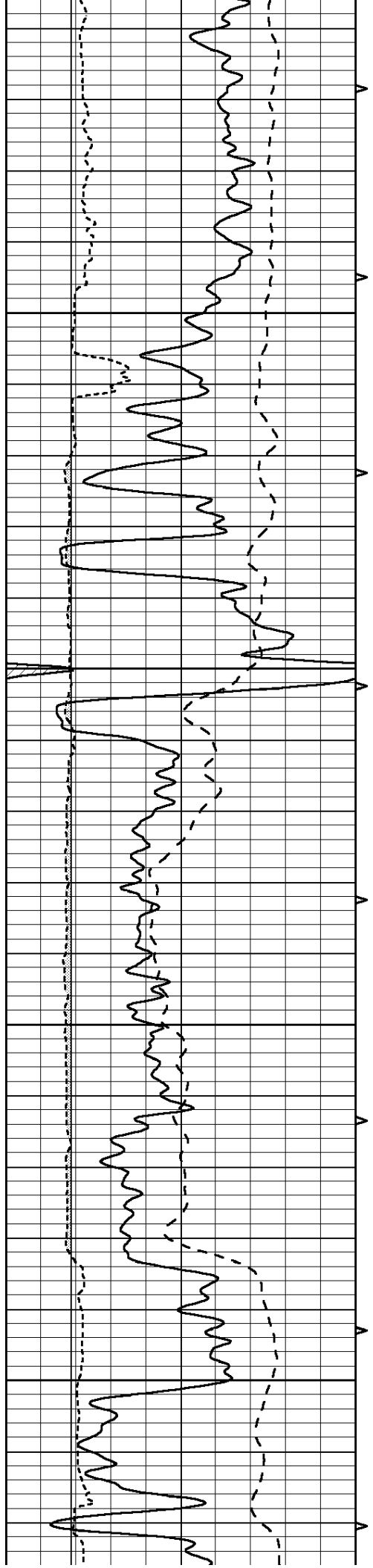
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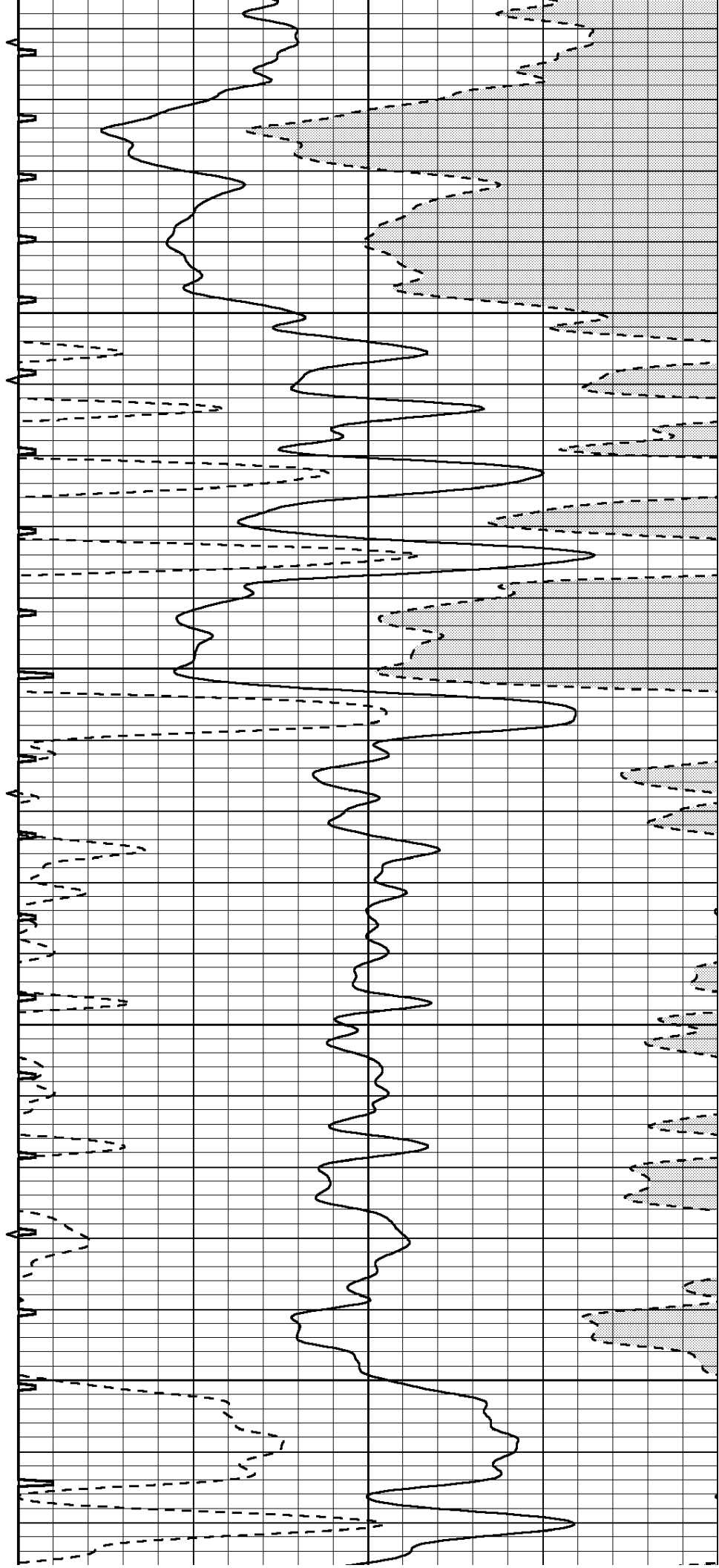


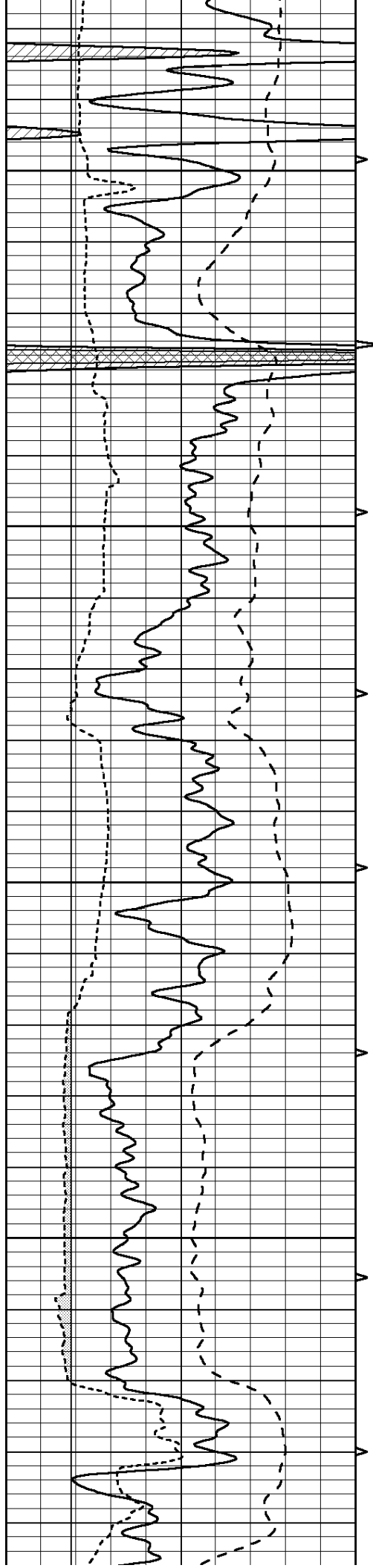
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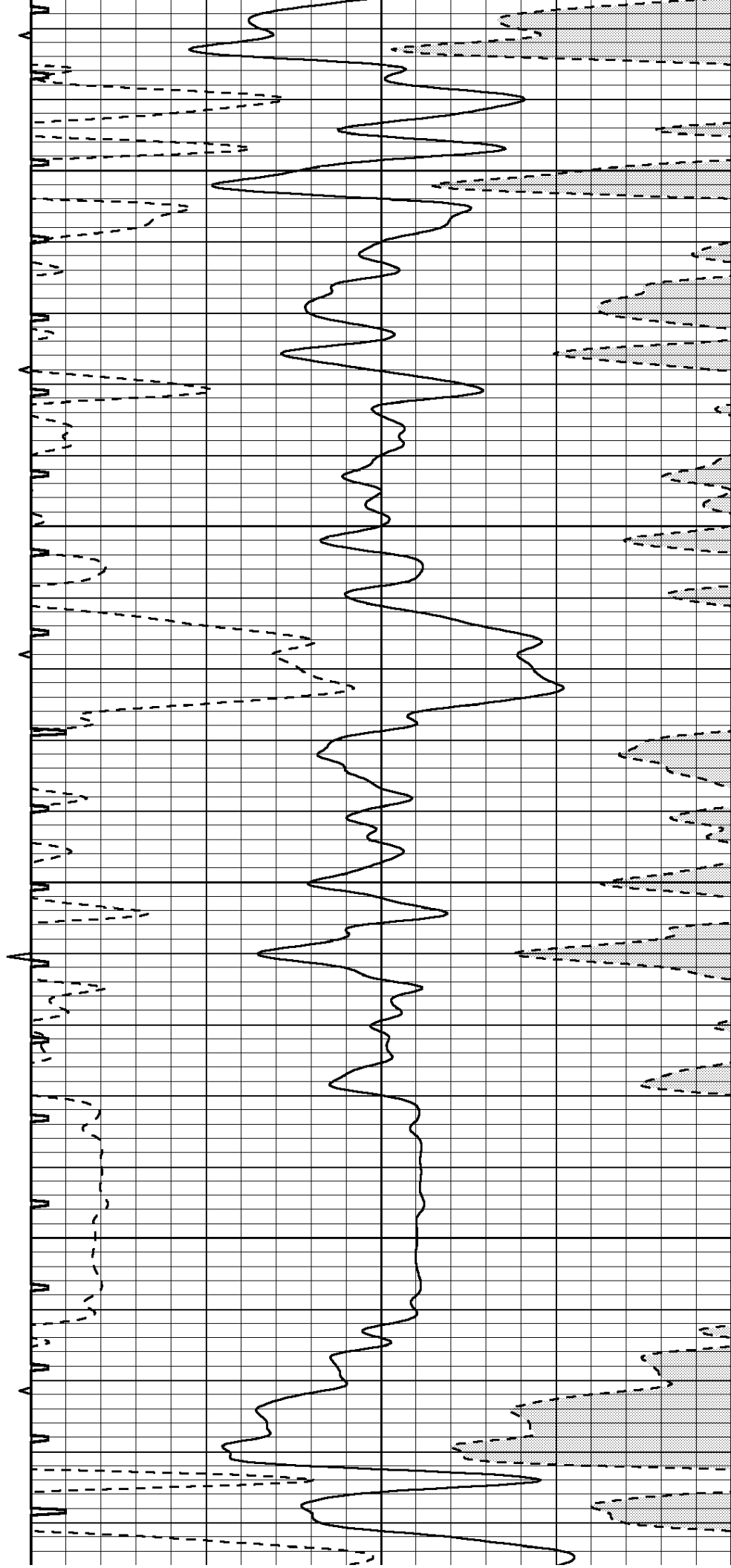


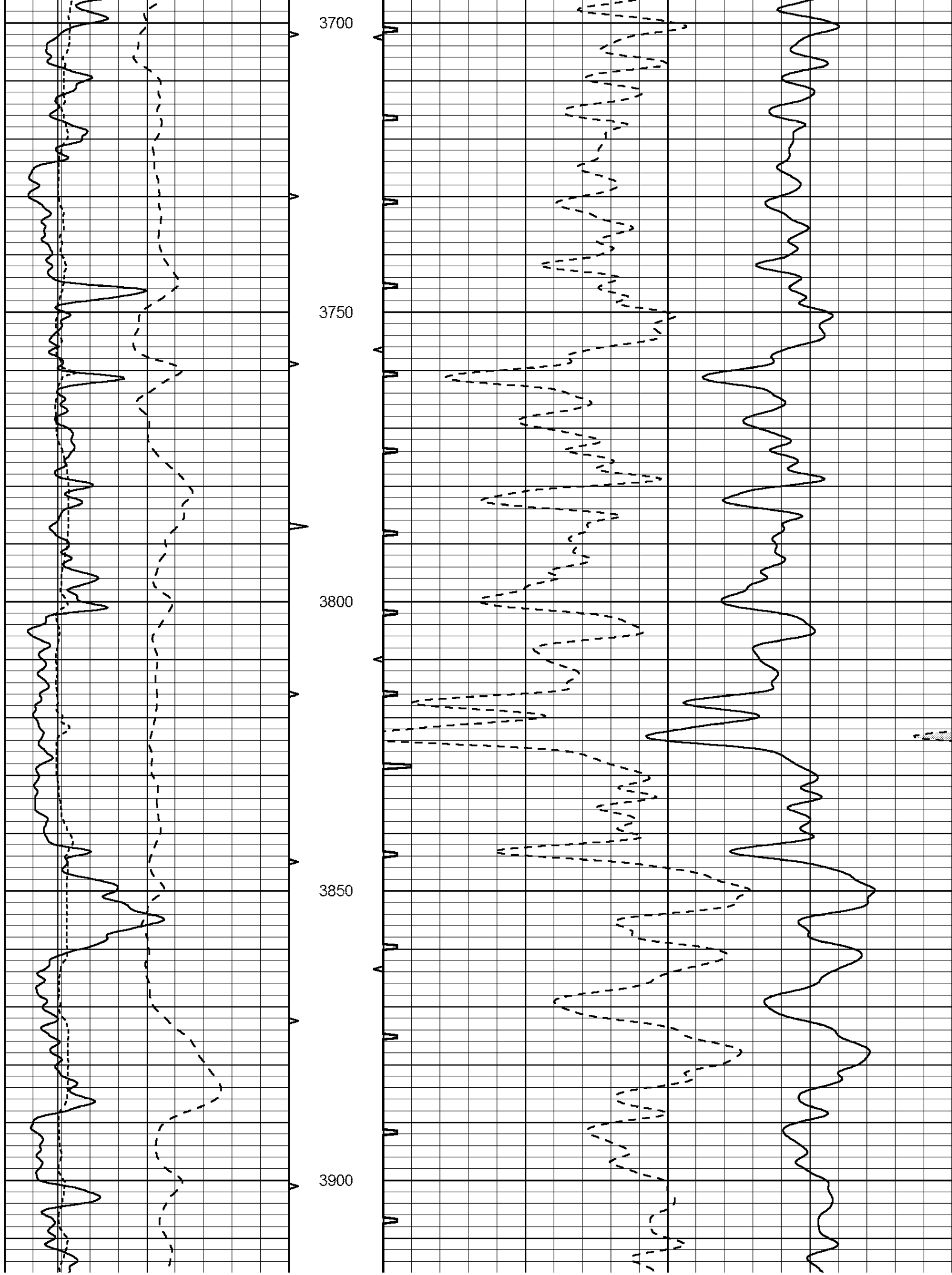
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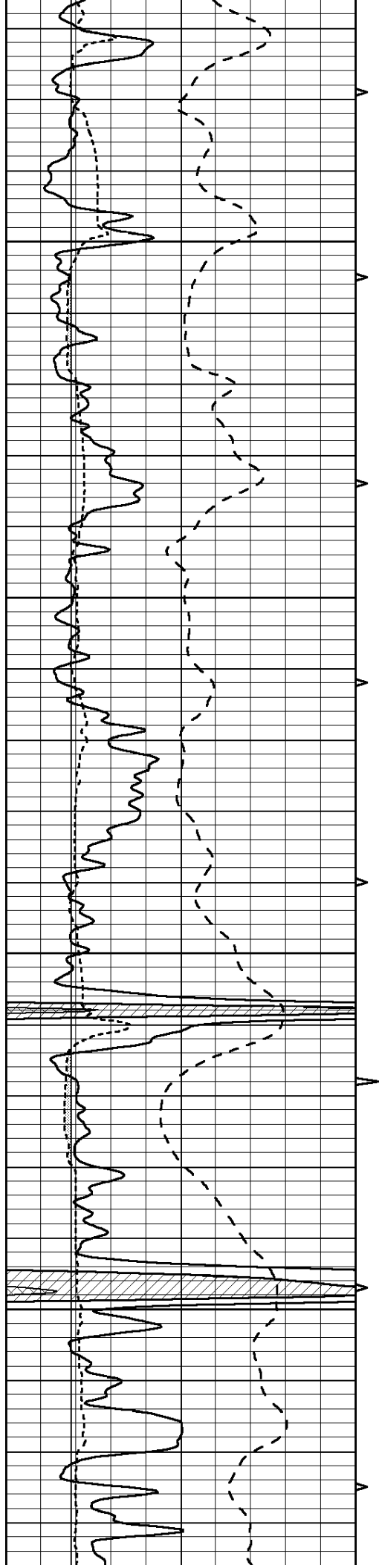
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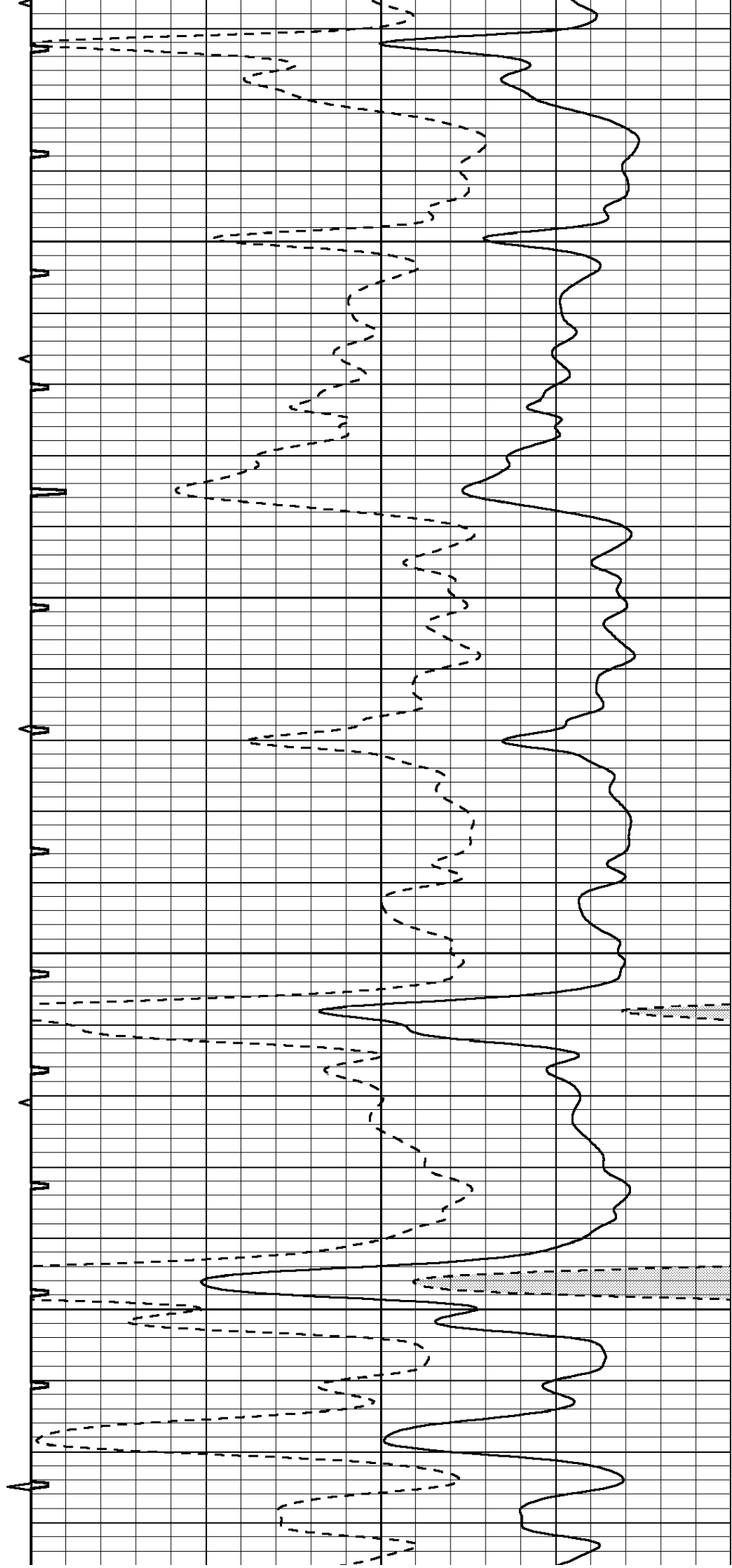


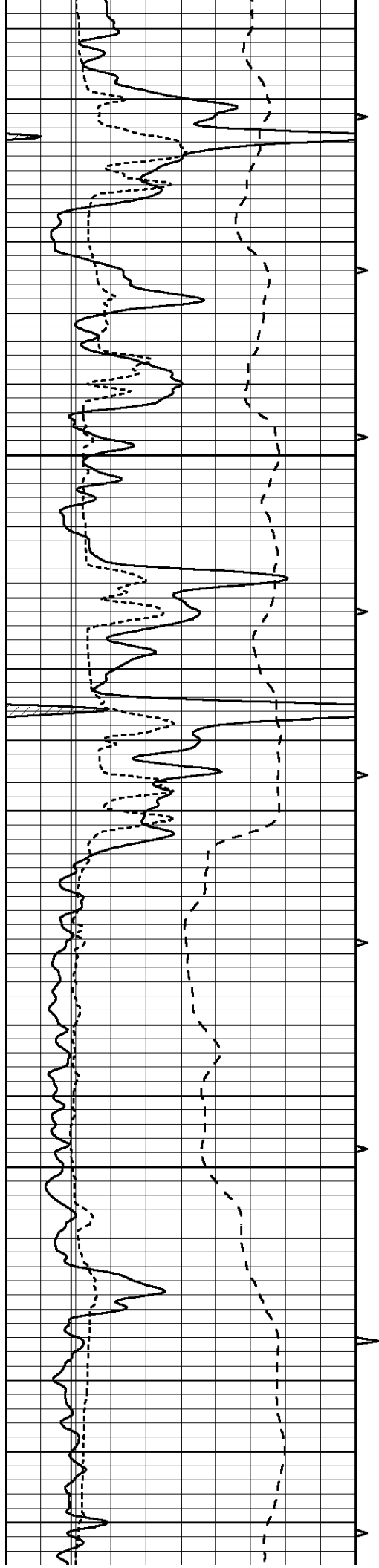
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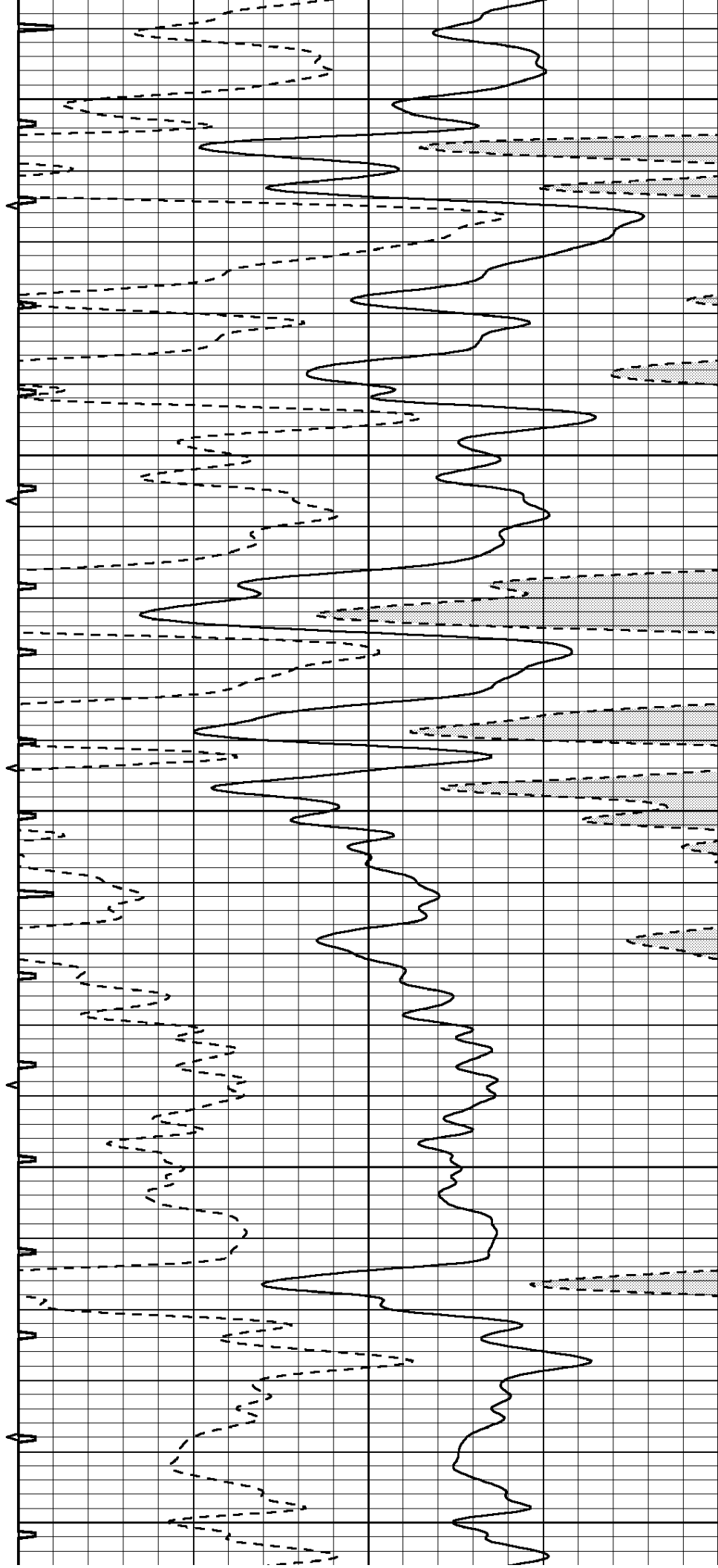
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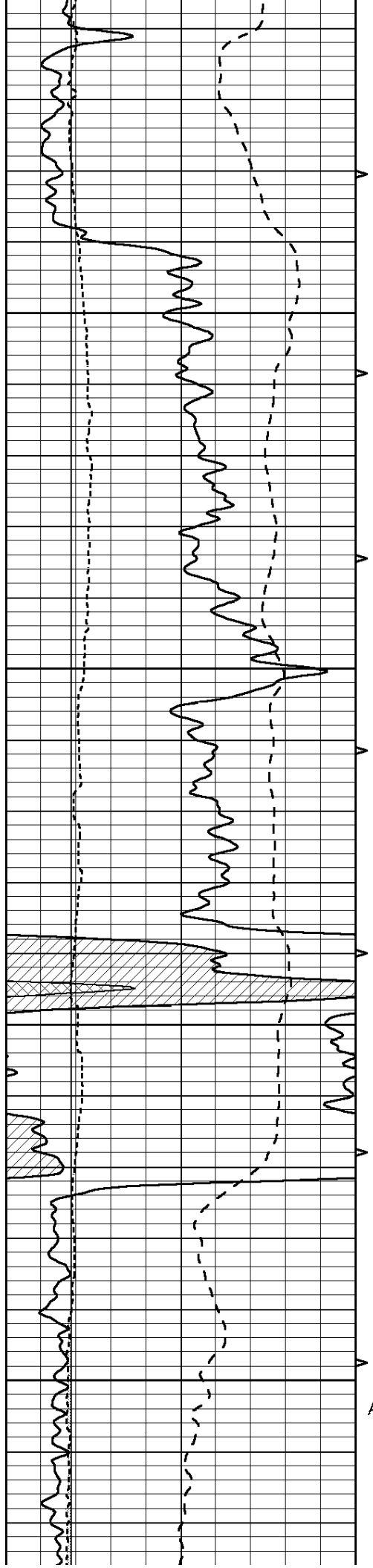
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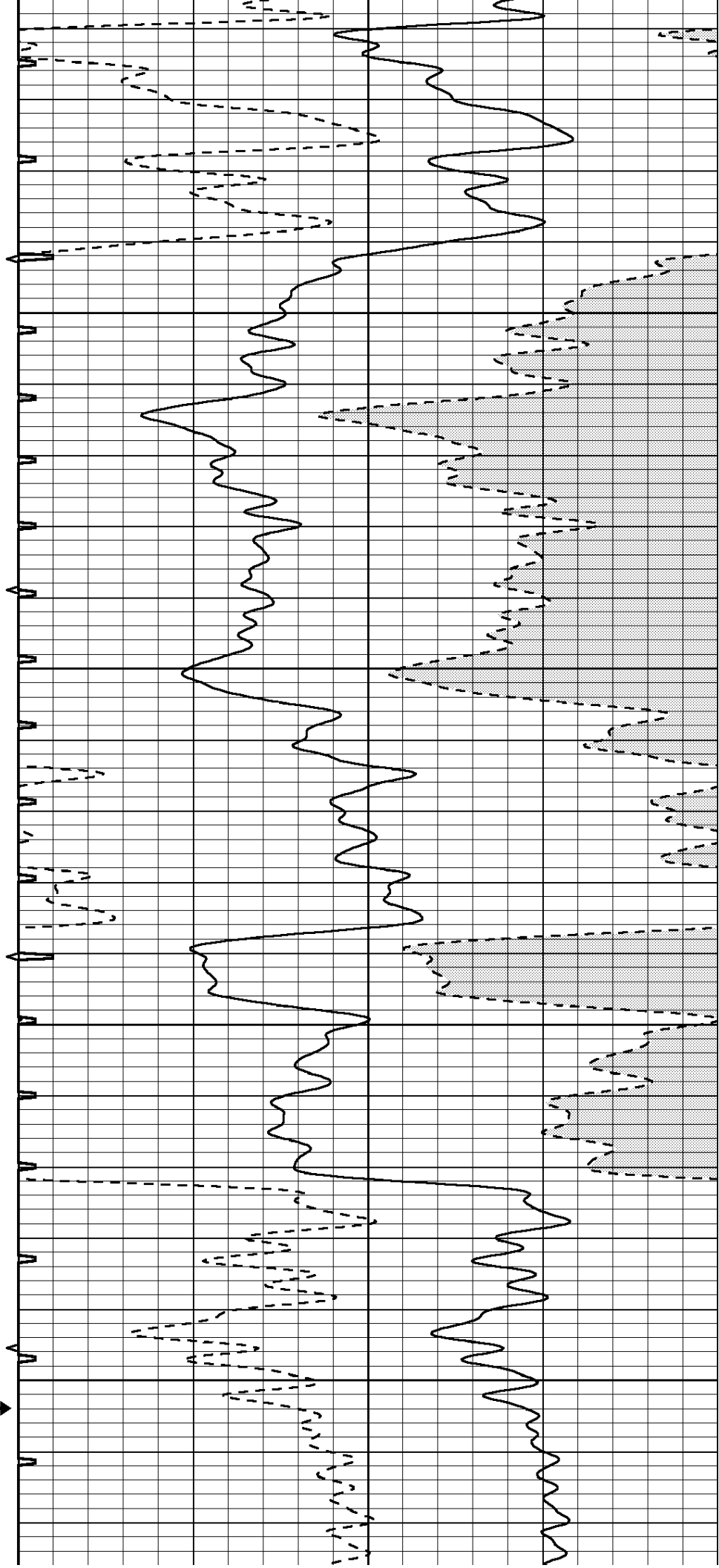


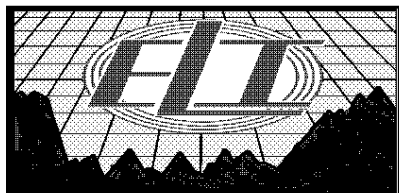
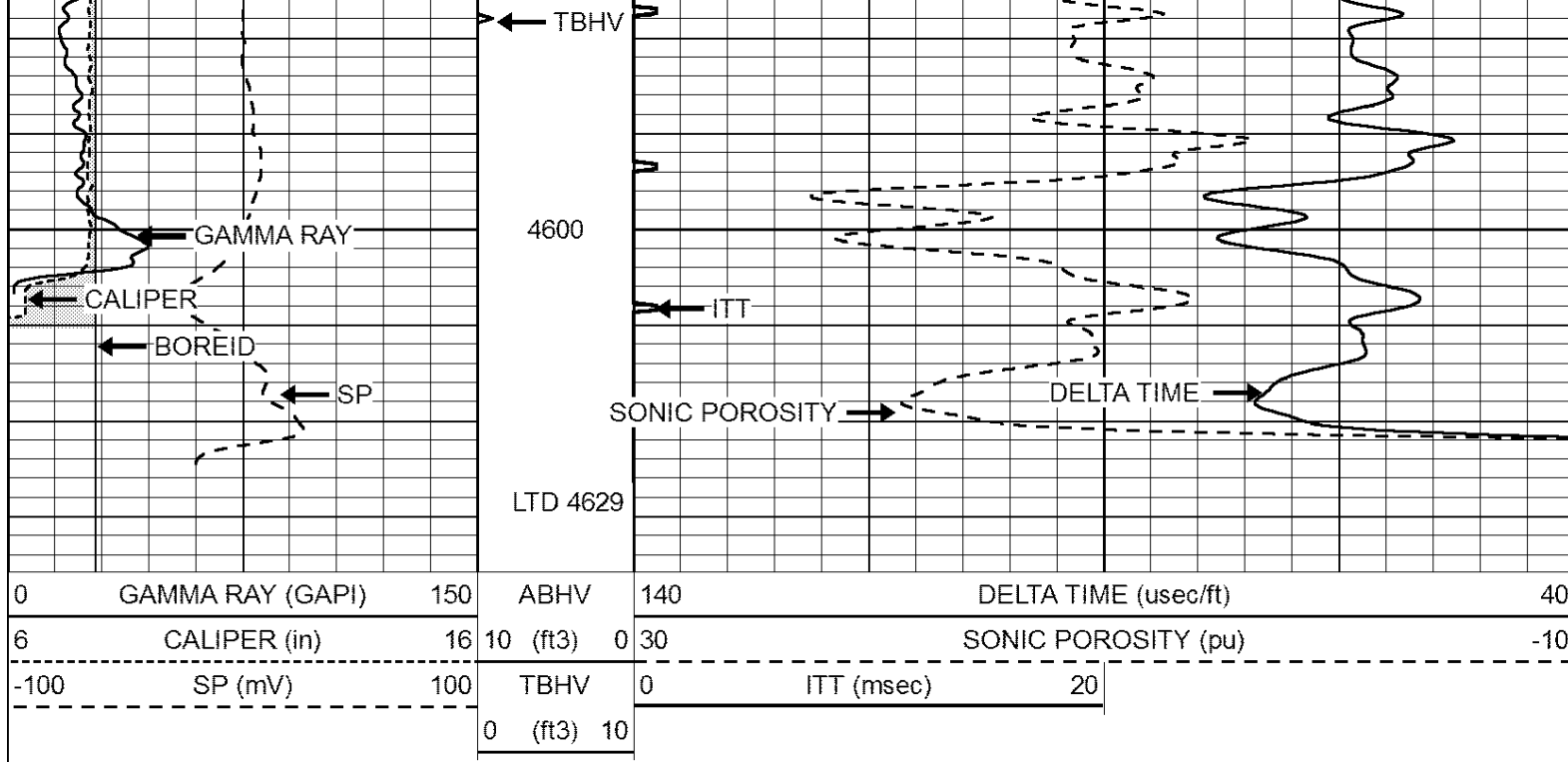
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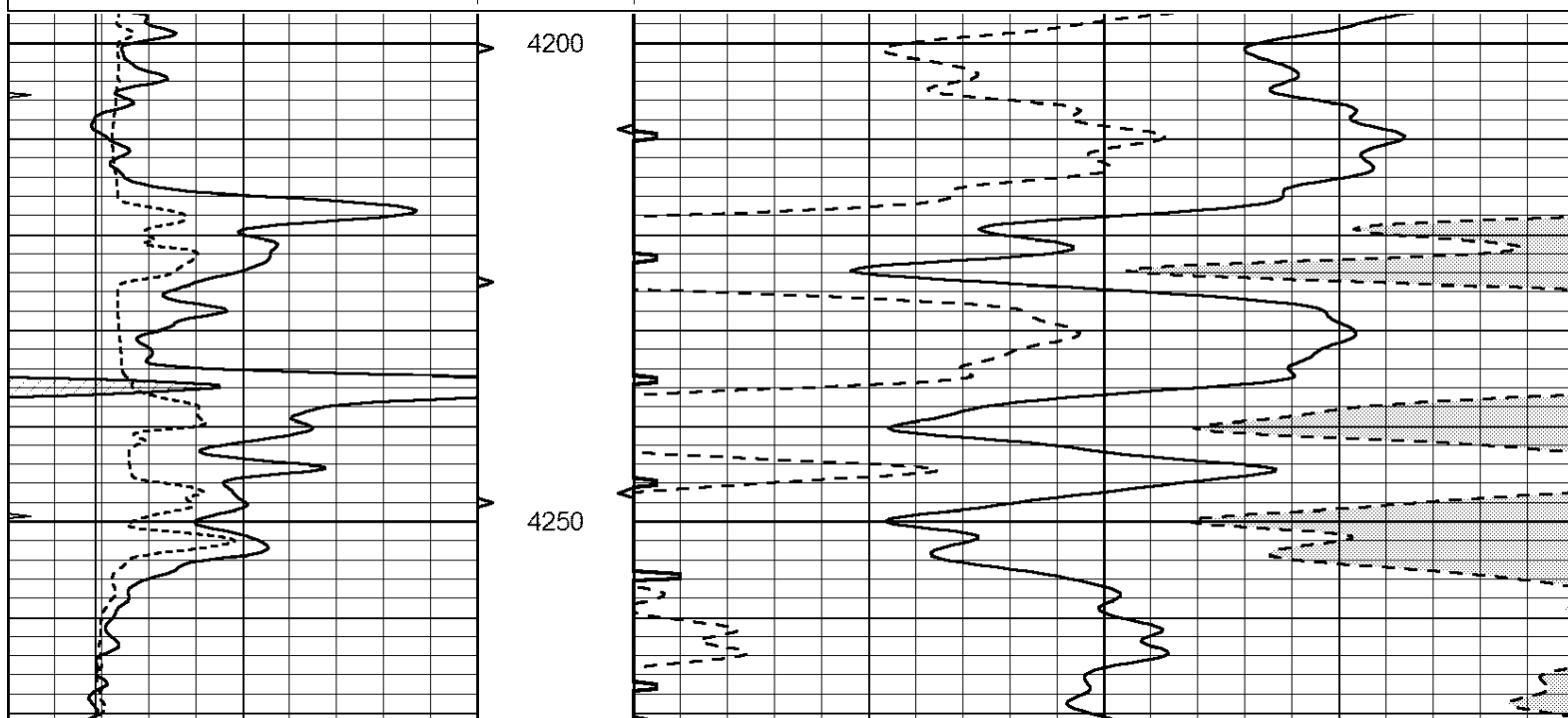
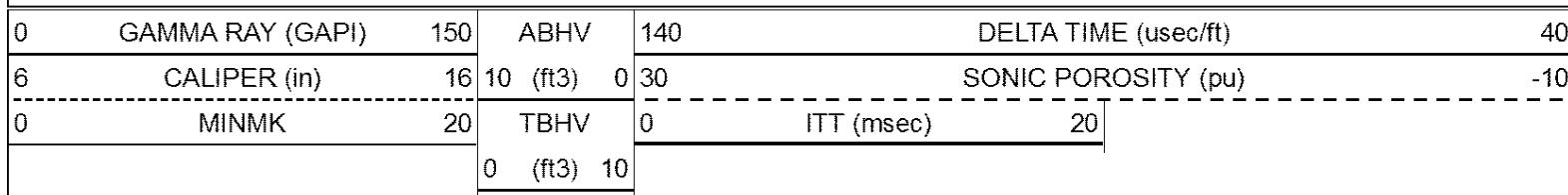
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ABHV →

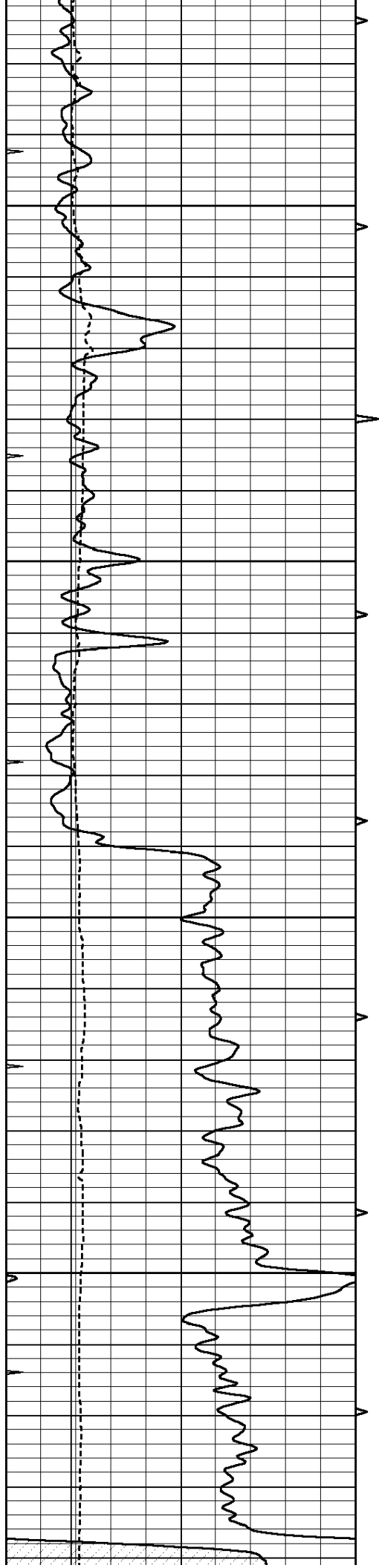




REPEAT SECTION

Database File: 4475pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _slt
 Dataset Creation: Fri Jan 24 16:51:31 2020 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



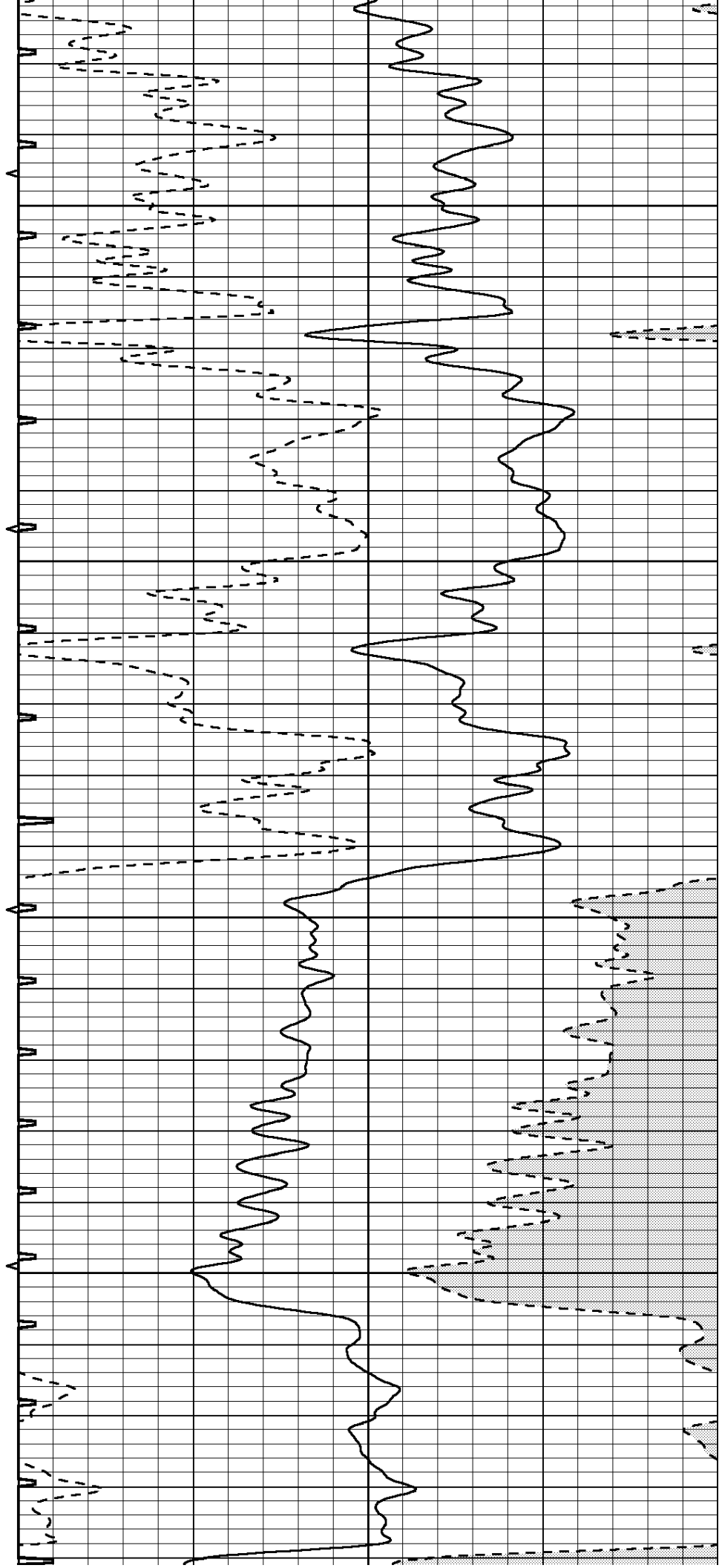


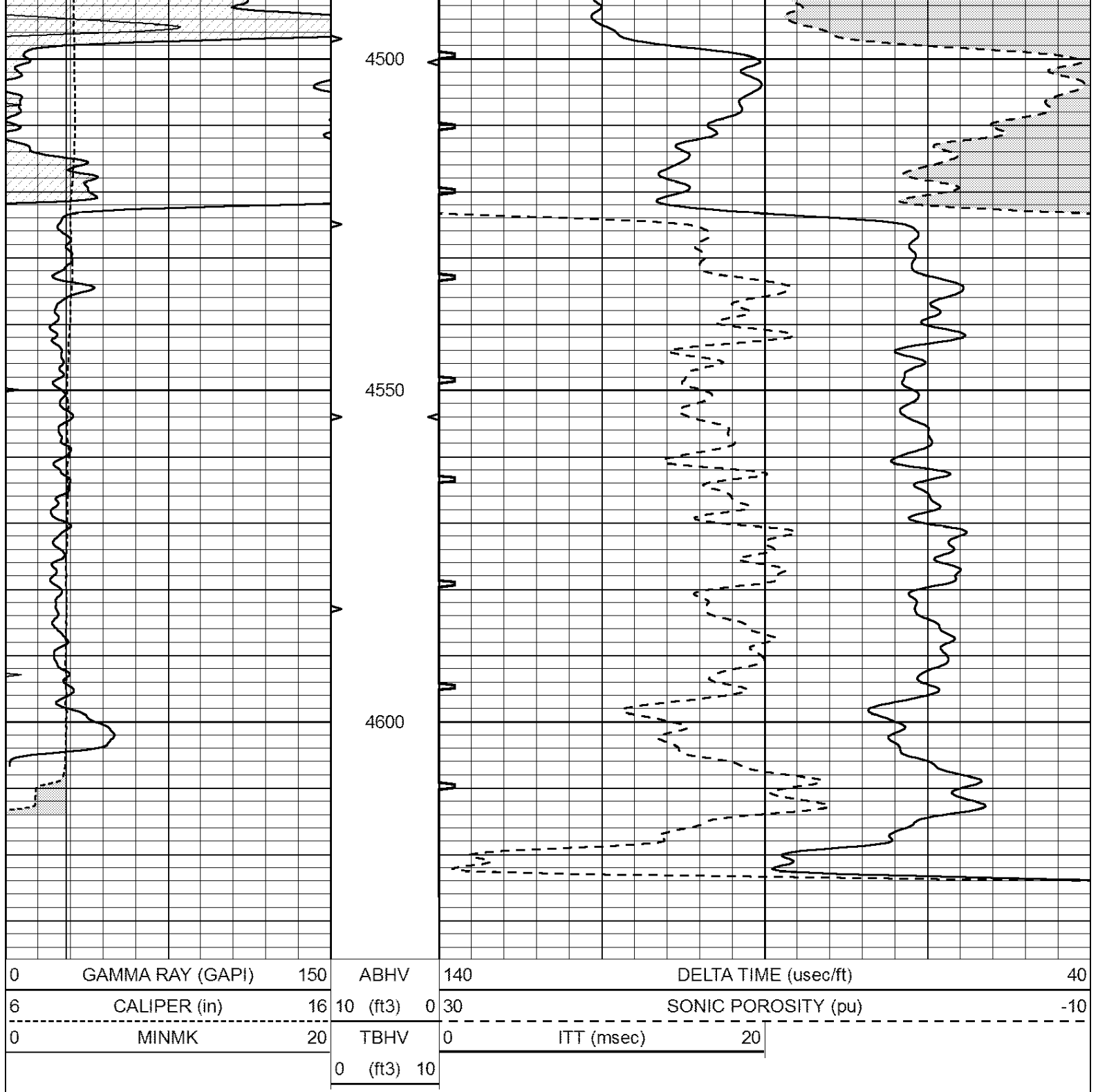
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4450





Calibration Report

Database File: 4475pe.db
Dataset Pathname: pass4.1
Dataset Creation: Fri Jan 24 16:51:31 2020 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: Micro1
Tool Model: ProbeL
Performed: Wed Jan 15 12:29:34 2020

Caliper Calibration: Gain=3.180 Offset=5.651

References: Low Cal 9.500 High Cal 13.000

Readings	0.308	2.032
1.5" Calibration:	Gain=36.134	Offset=-1.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.832
2" Calibration:	Gain=38.000	Offset=-0.800
References	Low Cal 0.000	High Cal 20.000
Readings	0.022	0.793
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Jan 05 05:38:27 2020	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5000	GAPI/cps