



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company NORSTAR PETROLEUM, INC.
Well BARRETT FAMILY TRUST #1-35
Field
County THOMAS State KANSAS

Location: API #: 15-193-20858
335' FSL & 2058' FEL
SEC 35 TWP 9S RGE 35W
Permanent Datum GROUND LEVEL Elevation 3328
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL/MEL
Elevation
K.B. 3333
D.F.
G.L. 3328

Date	8-7-12
Run Number	THREE
Depth Driller	4978
Depth Logger	4978
Bottom Logged Interval	4970
Top Log Interval	280
Casing Driller	290
Casing Logger	290
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.5 / 50
pH / Fluid Loss	10.0 / 12.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.48 @ 82F
Rmf @ Meas. Temp	0.36 @ 82F
Rmc @ Meas. Temp	0.58 @ 82F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.320 @ 124F
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	5:15 A.M.
Maximum Recorded Temperature	124F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	BOB ELDER

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LEVANT & I-70 EXIT, 10S TO RD. "G", 1/2E, N & E INTO.

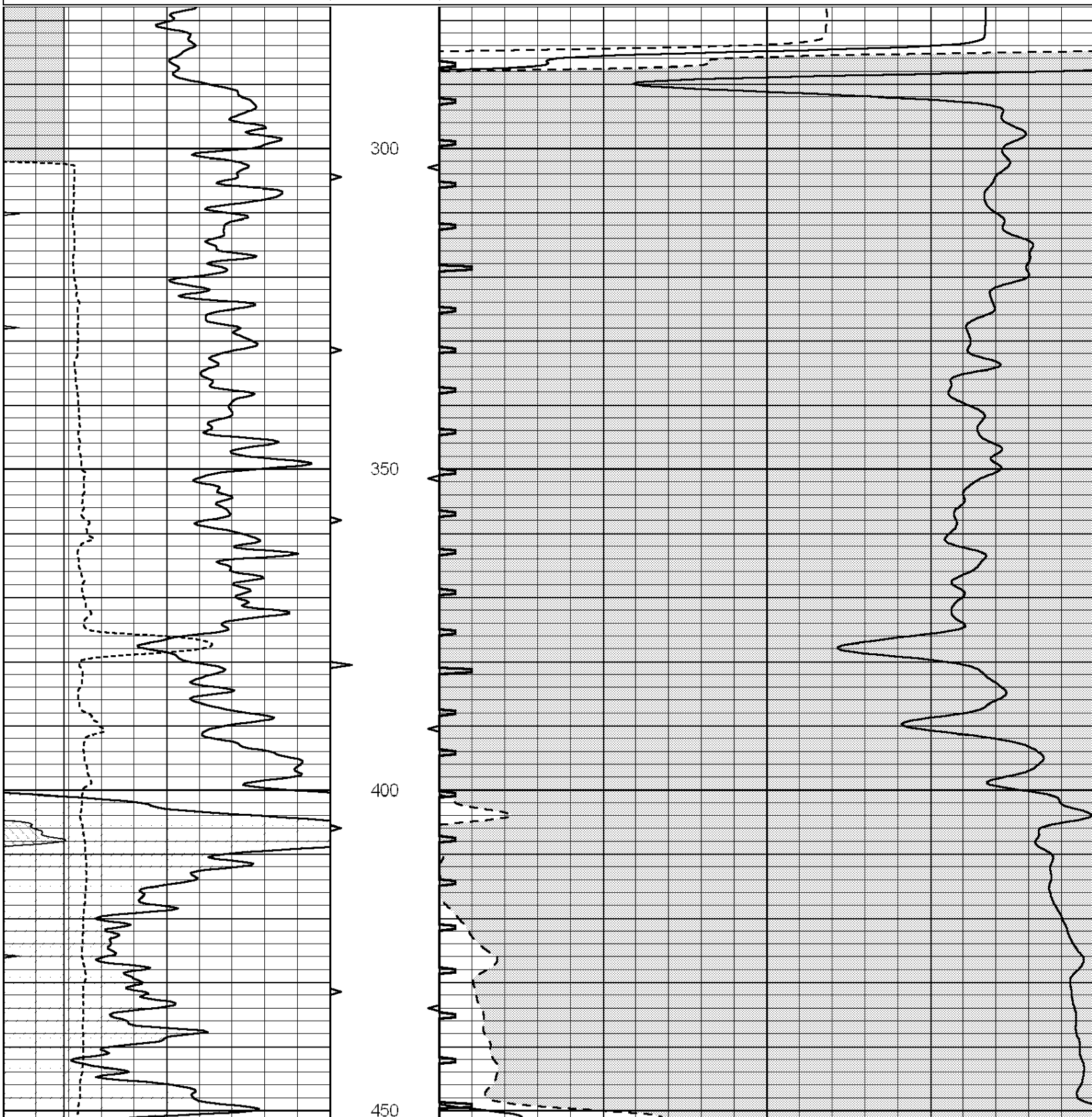


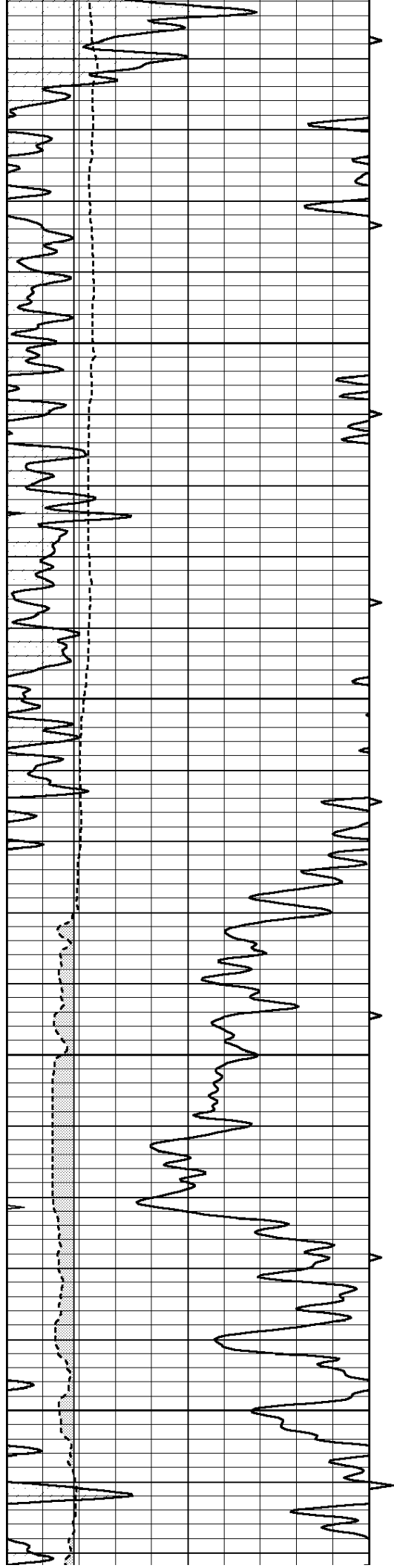
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MAIN SECTION

Database File: 009569ddn.db
 Dataset Pathname: pass8.1A
 Presentation Format: slt
 Dataset Creation: Tue Aug 07 11:44:05 2012
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	MELCAL (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



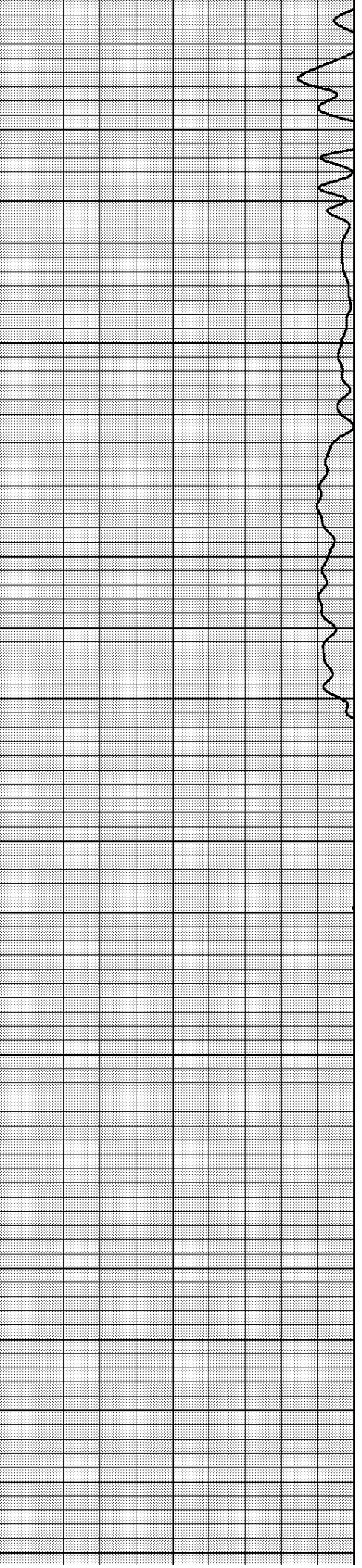
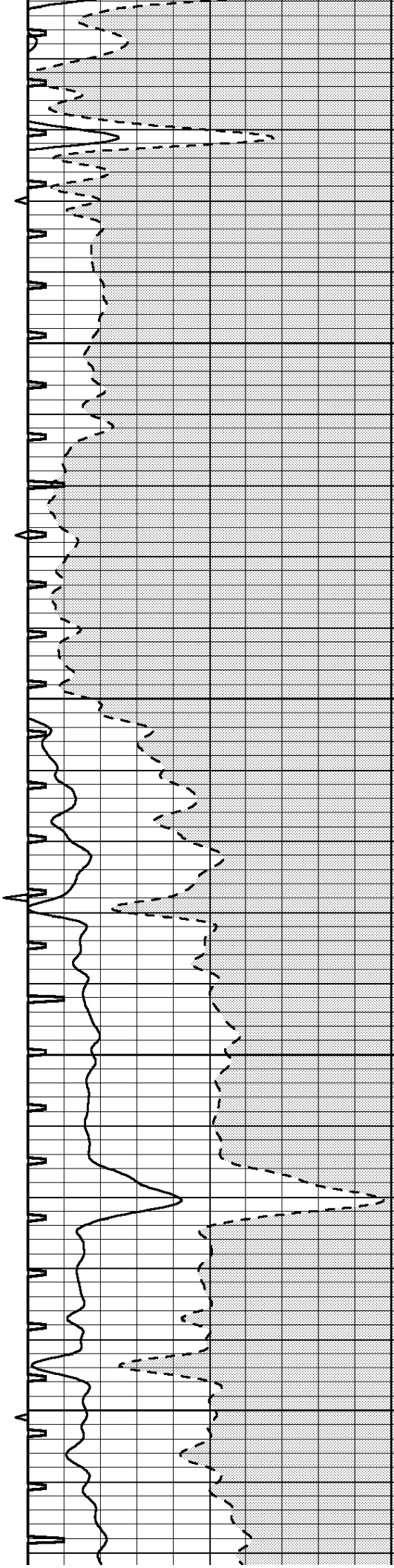


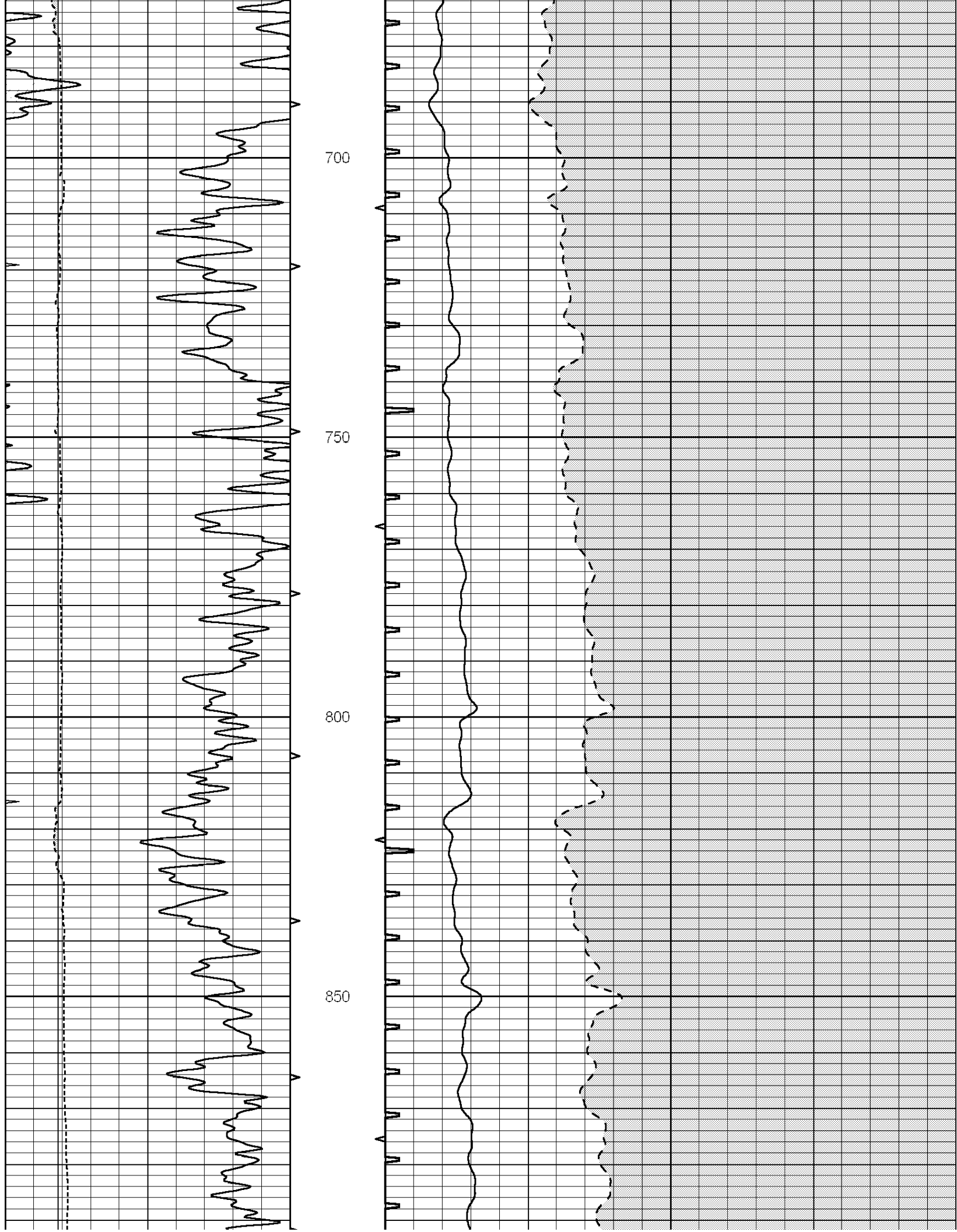
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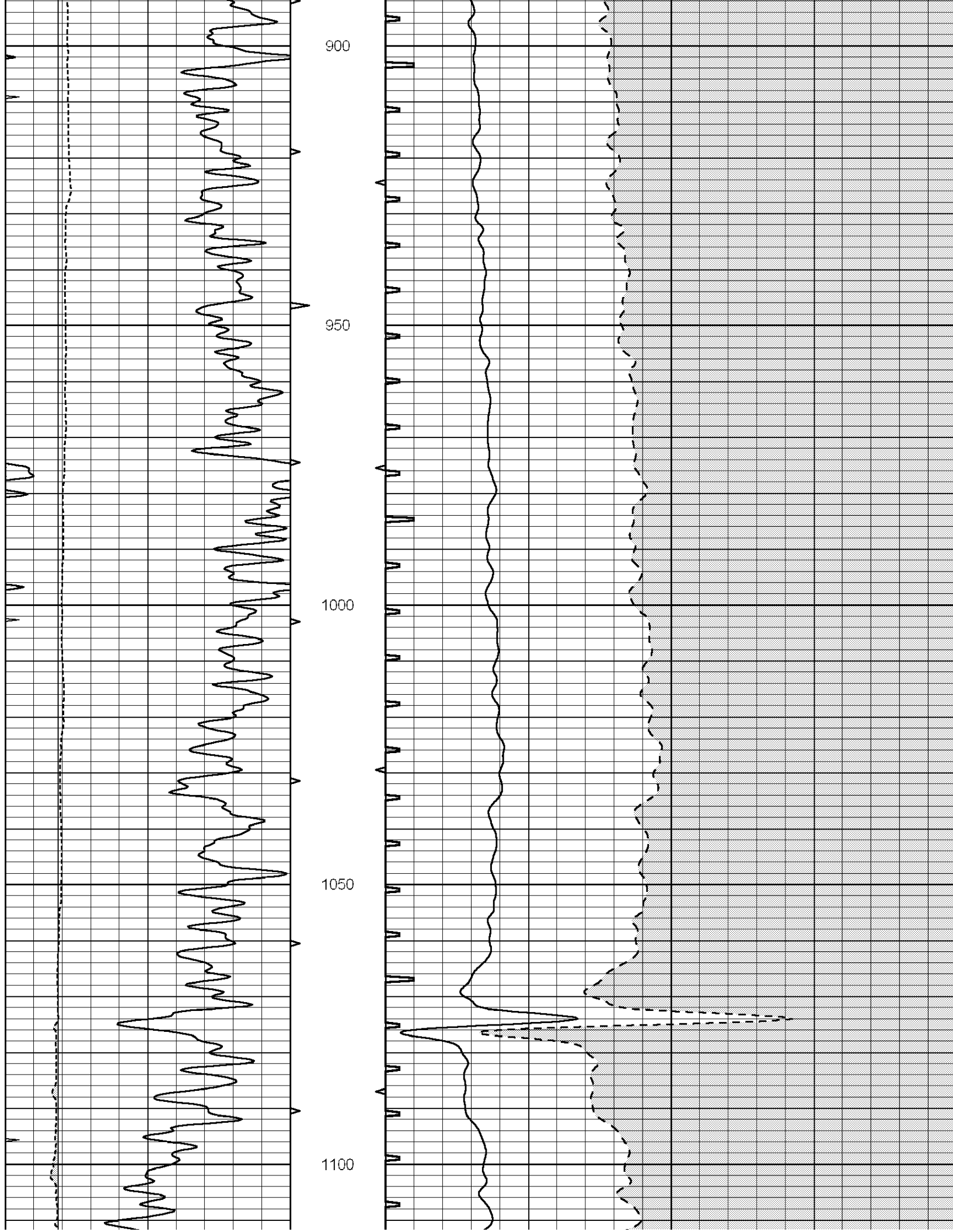
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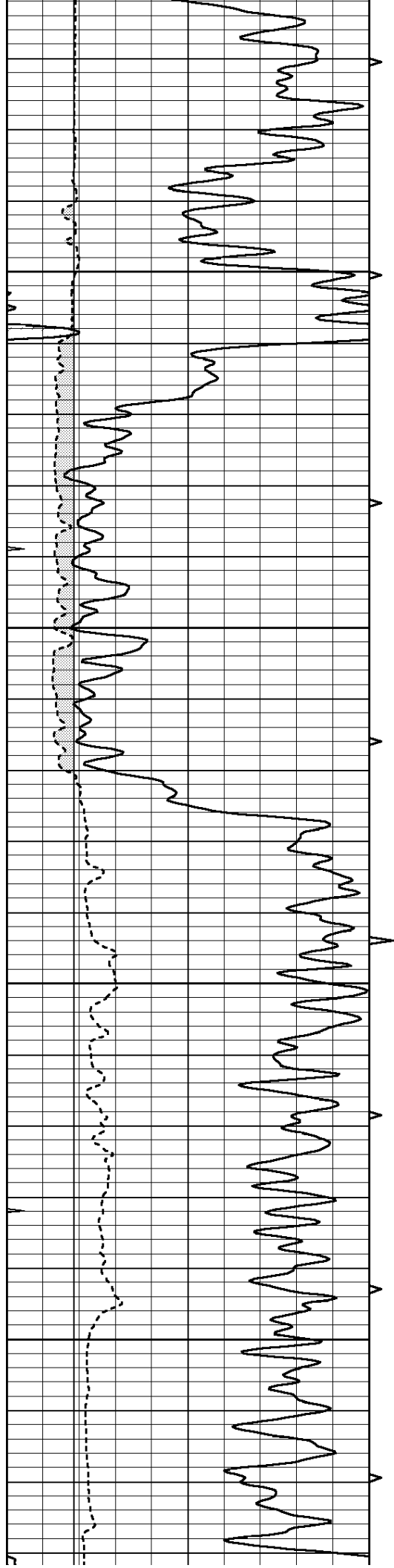
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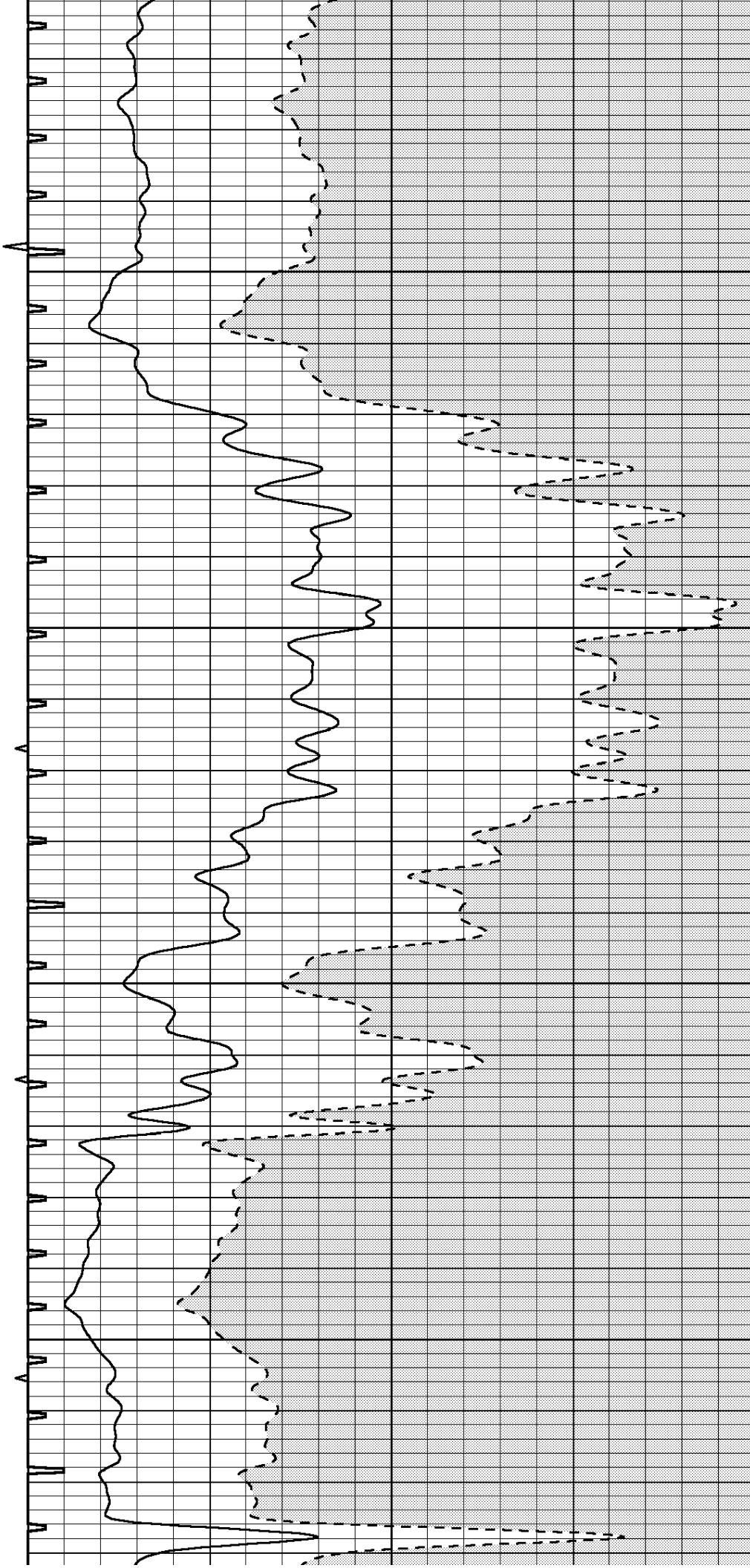


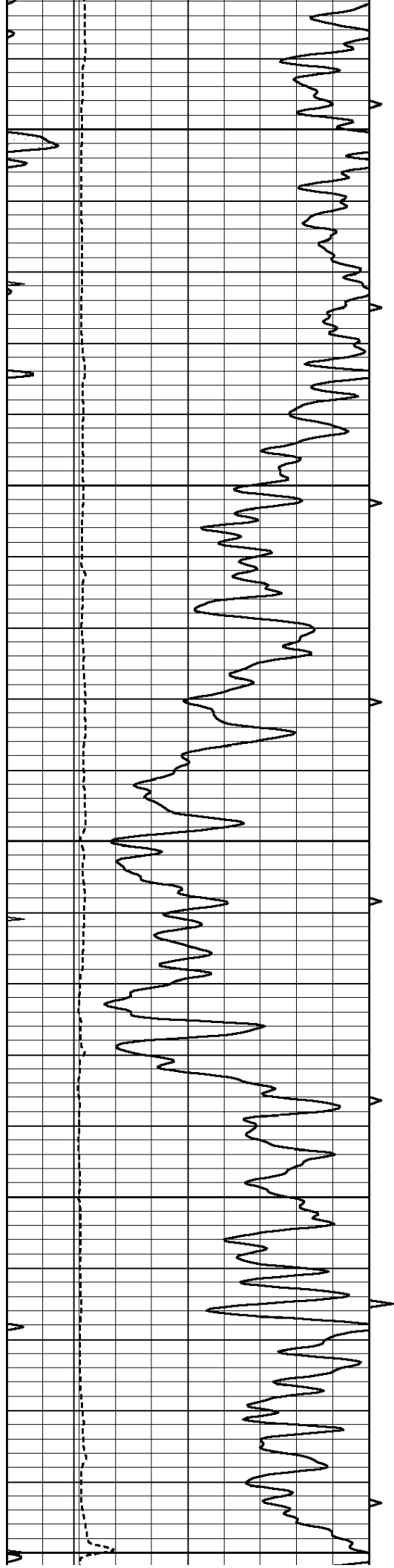
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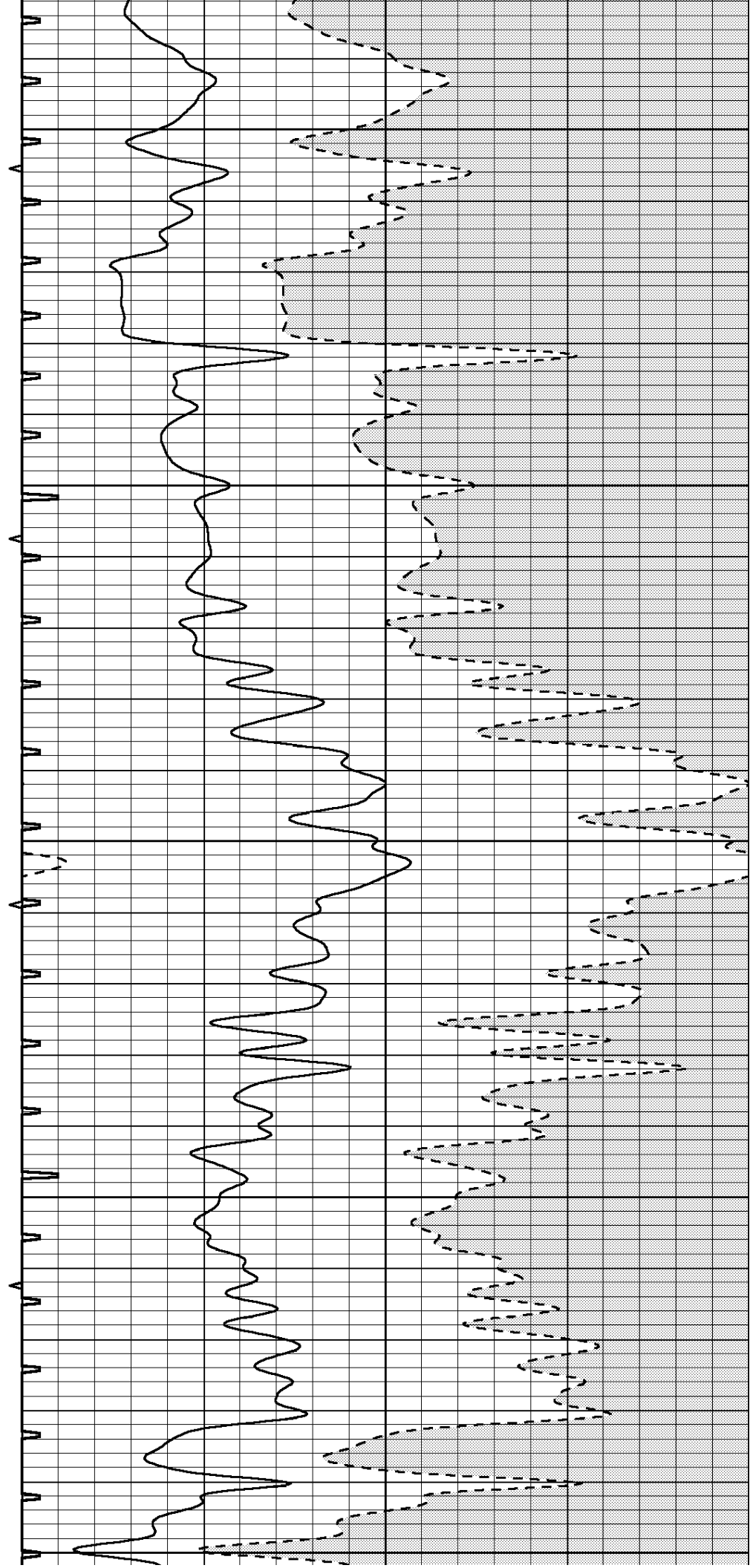
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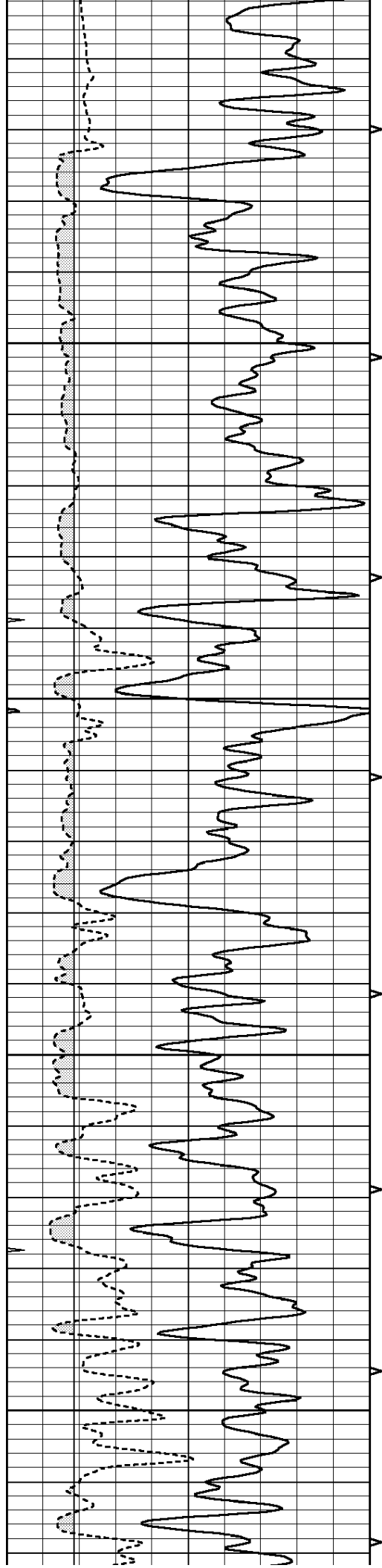
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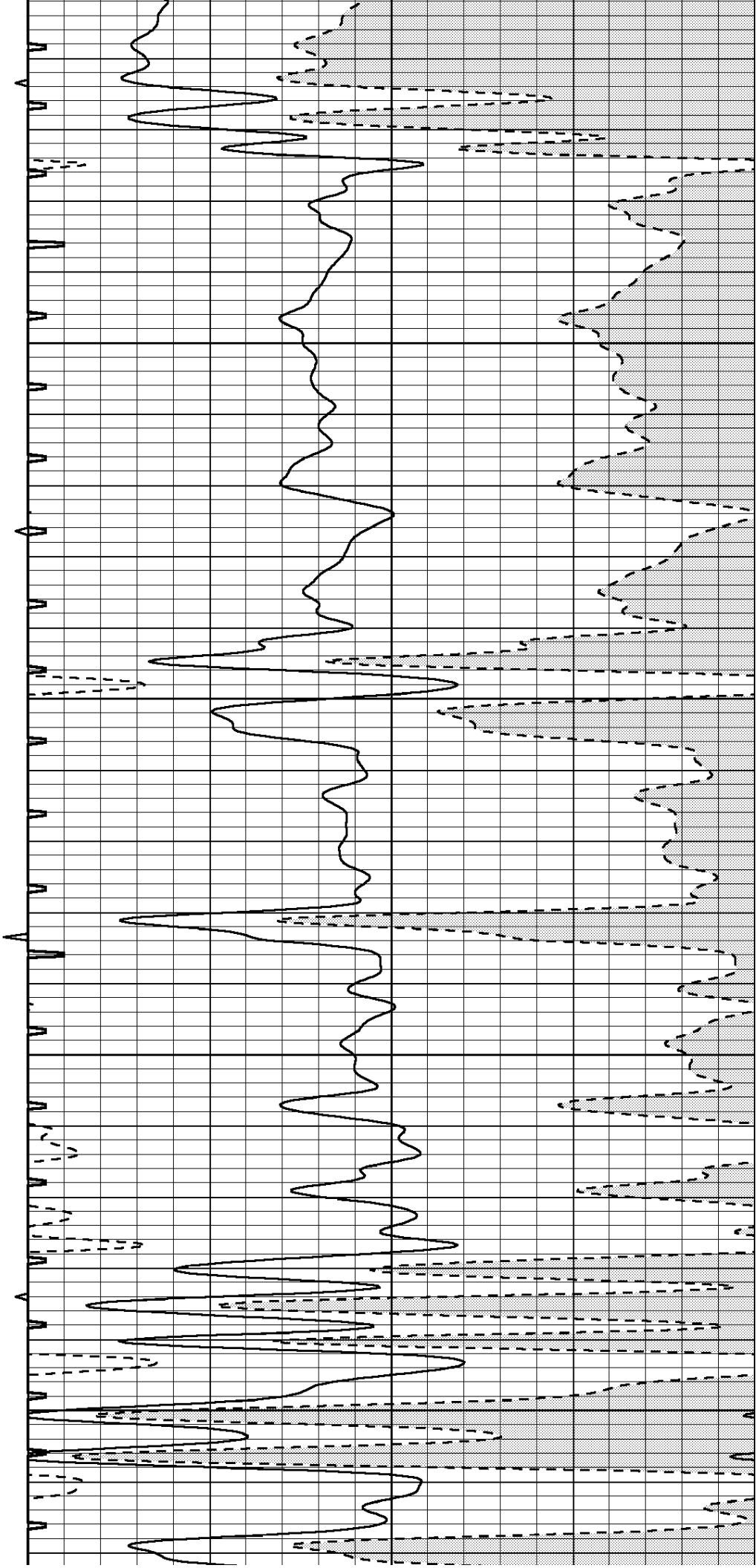


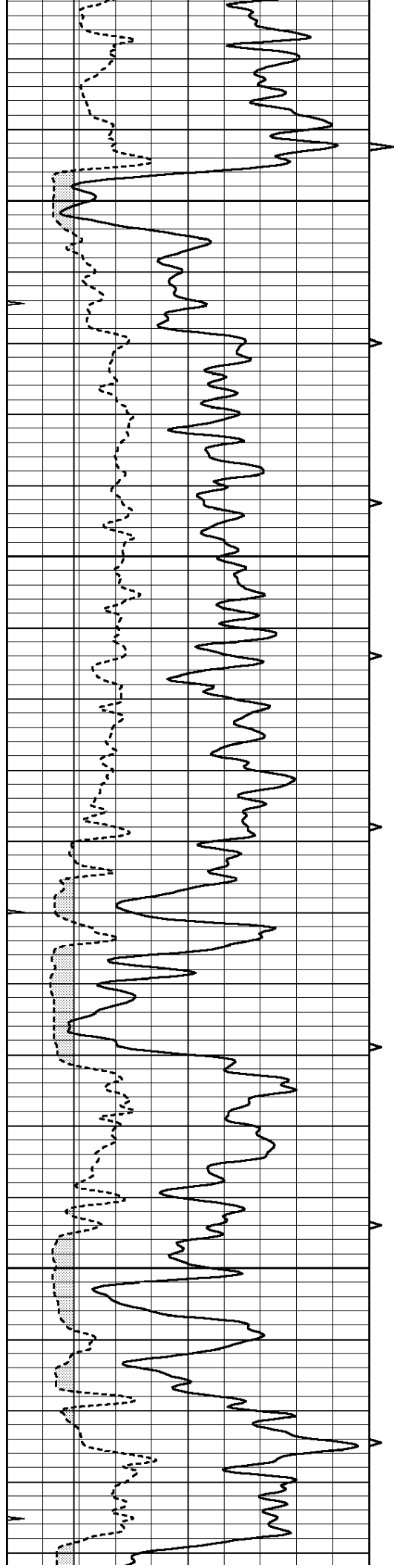
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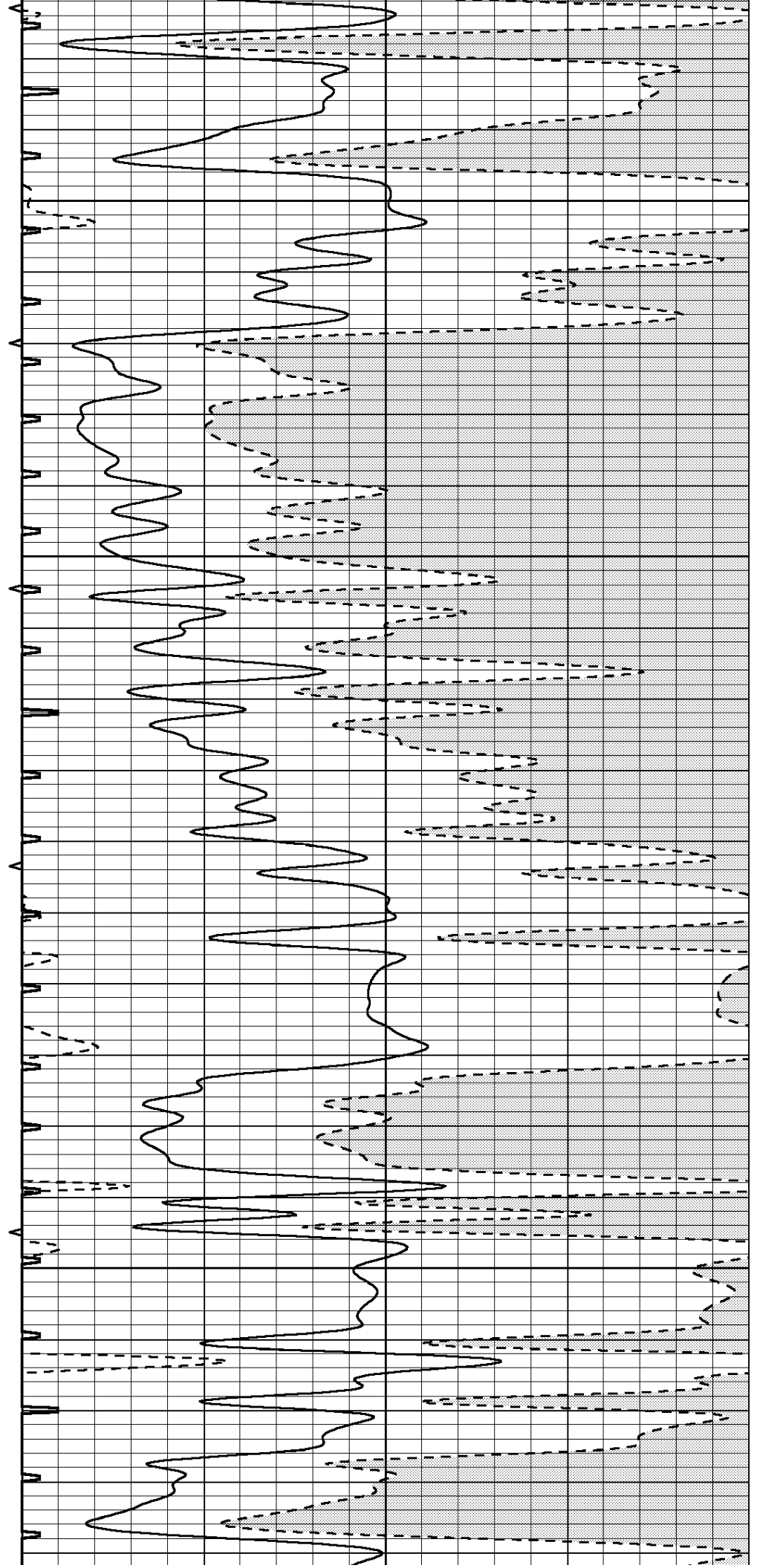


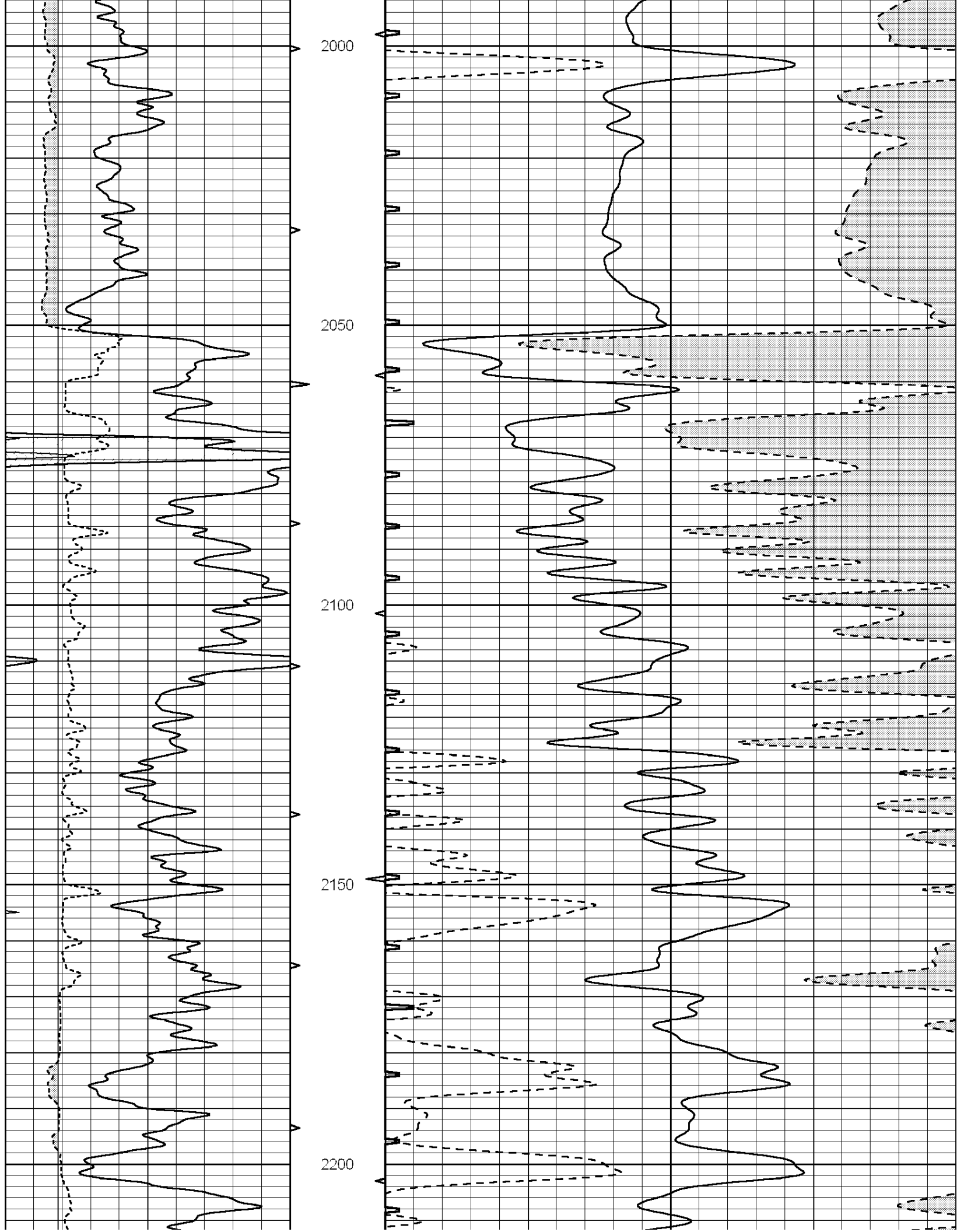
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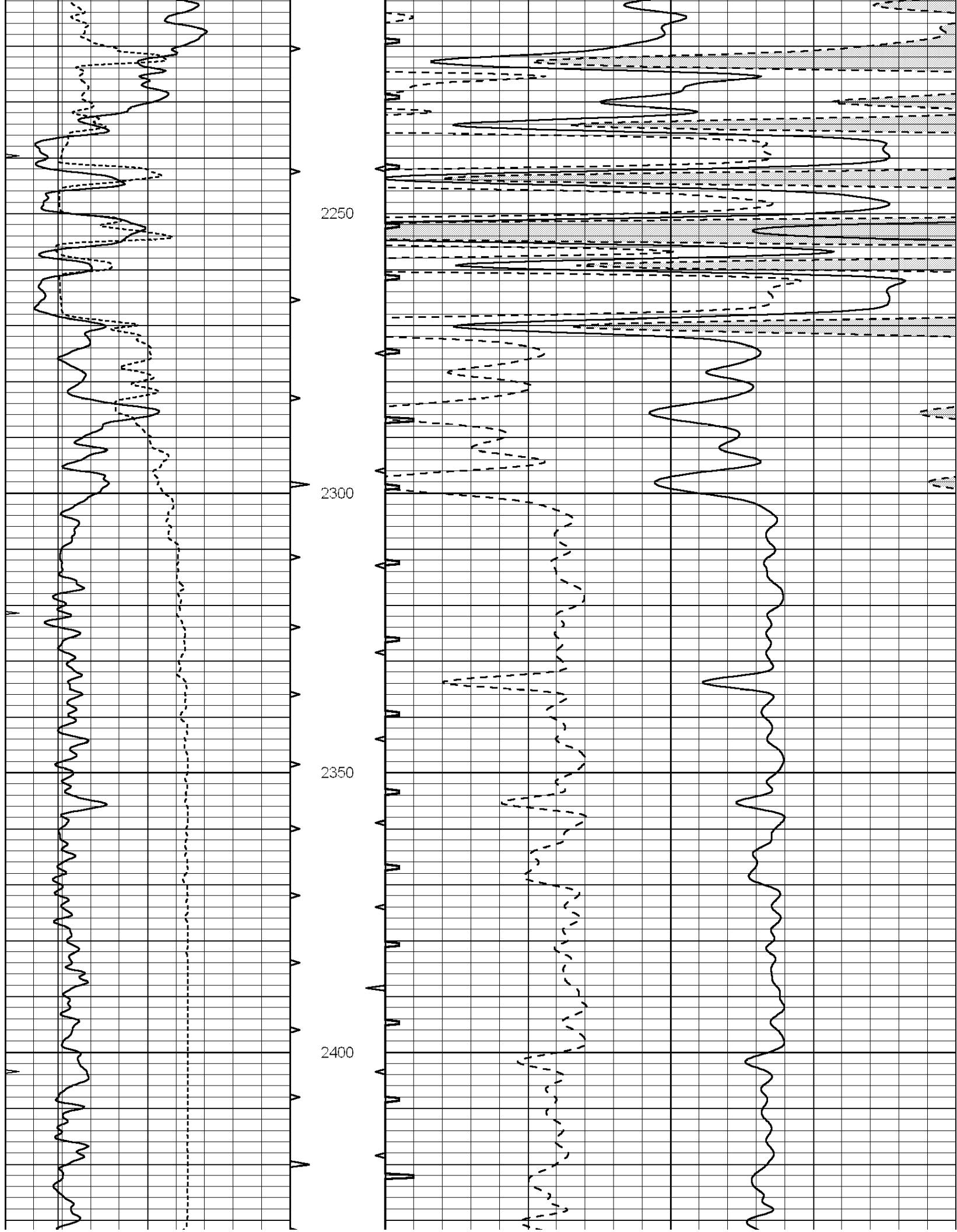
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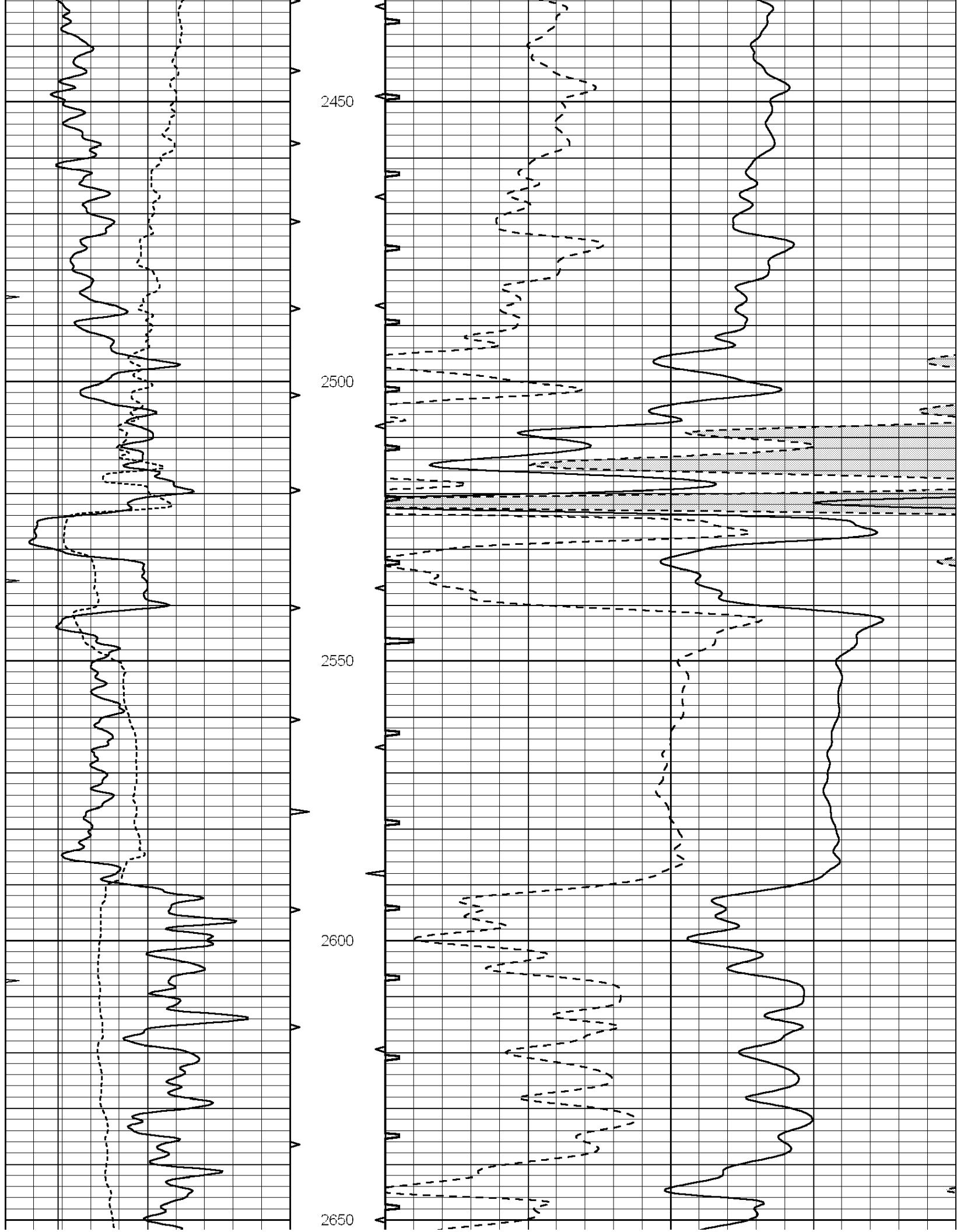
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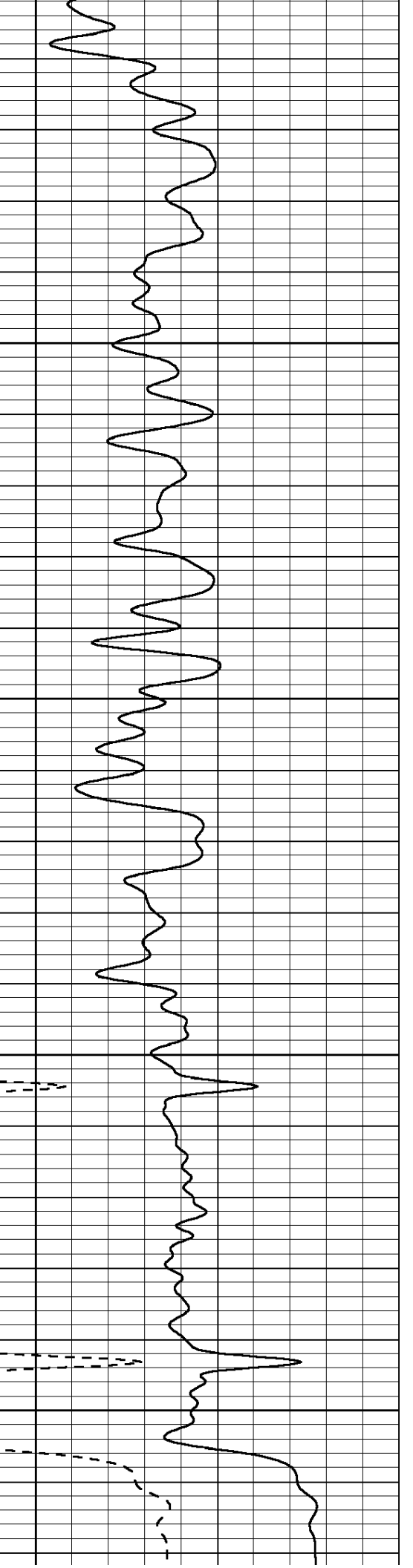
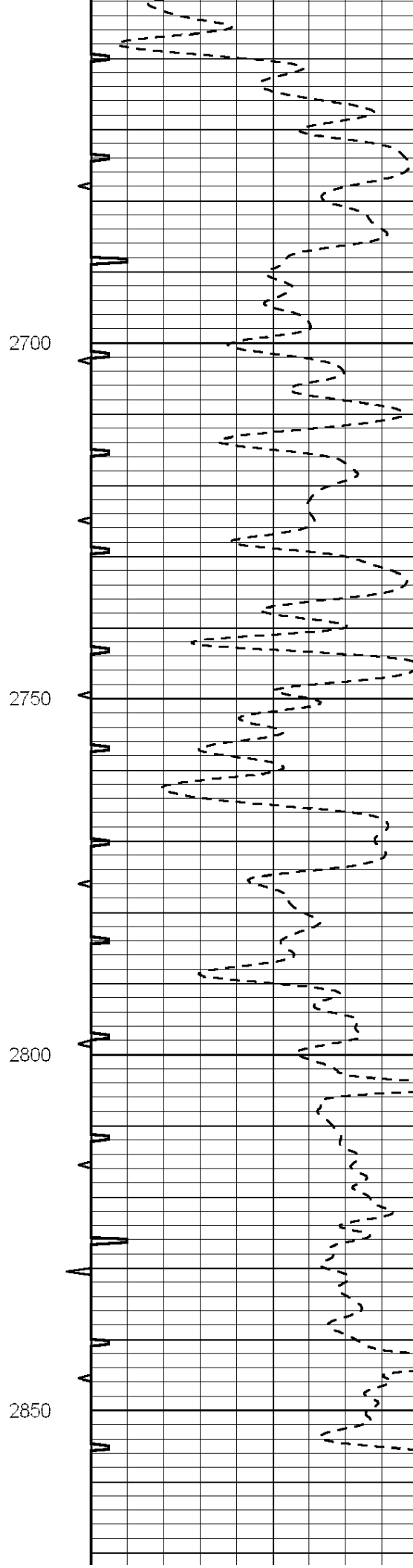
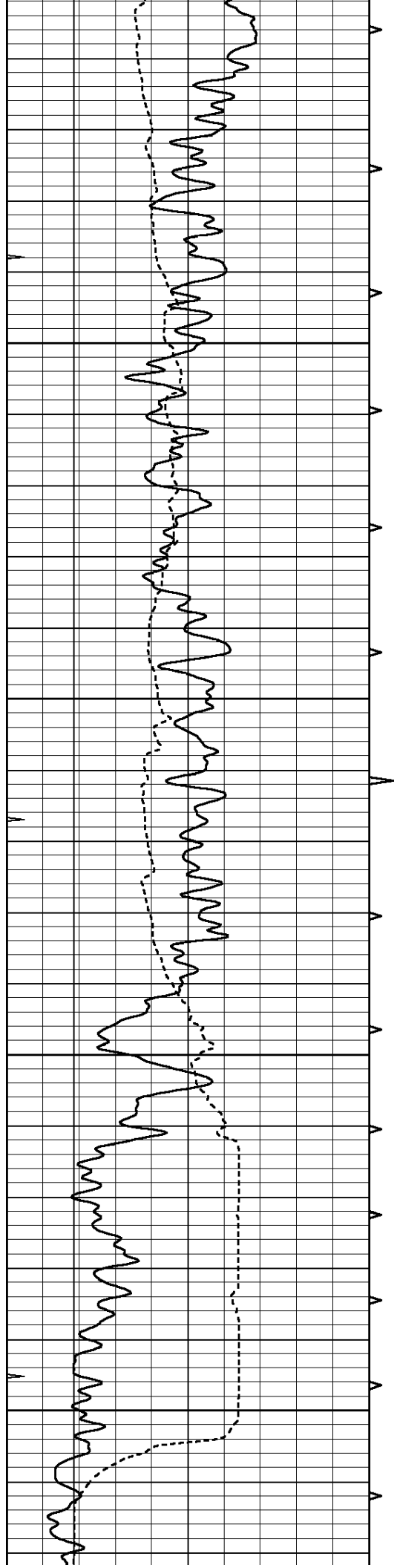
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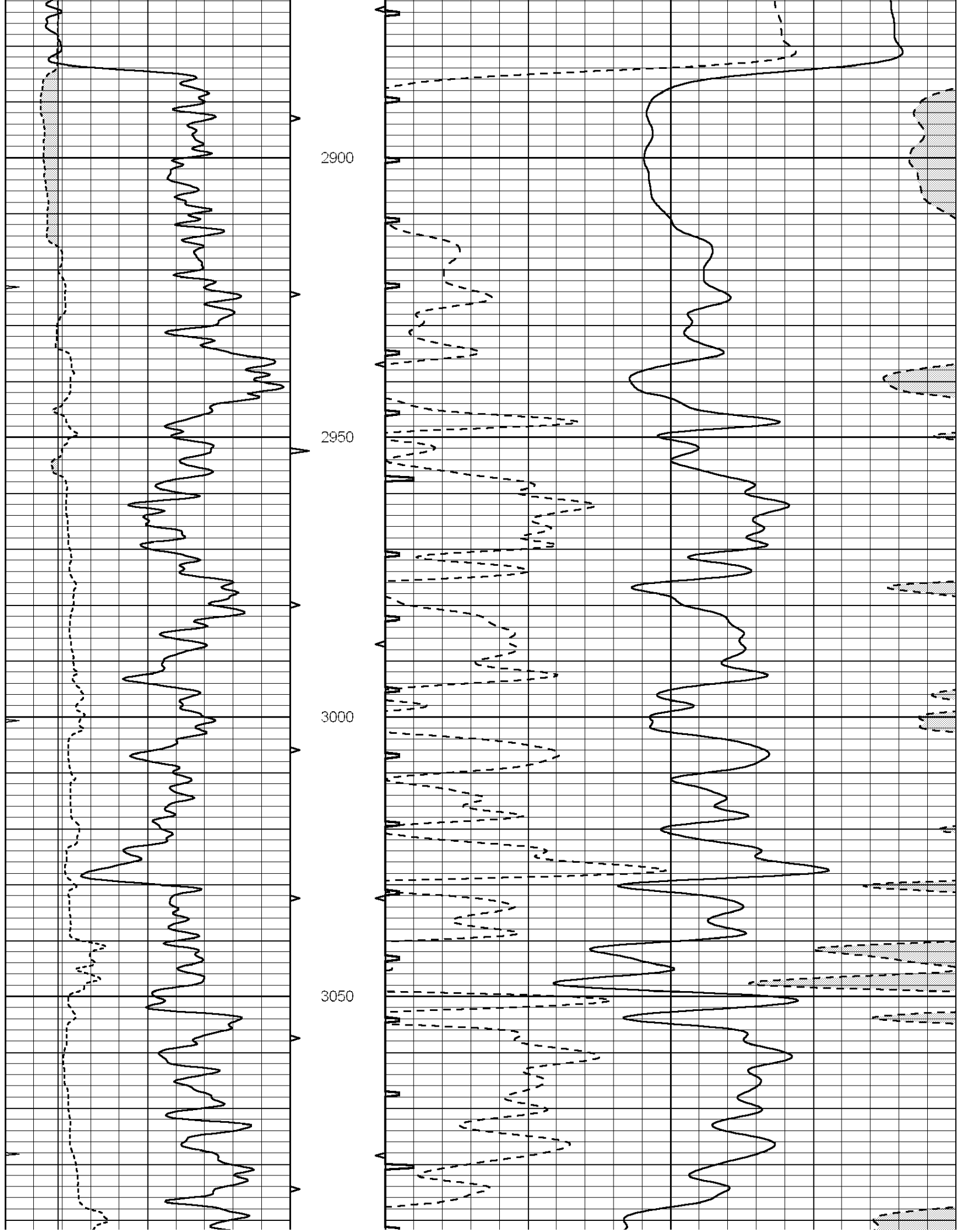


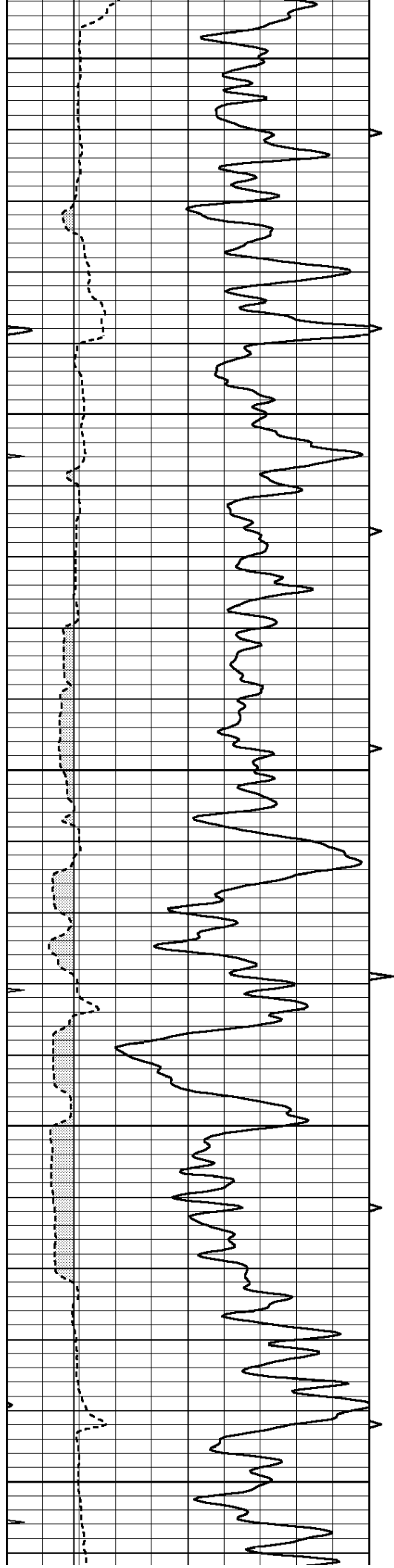












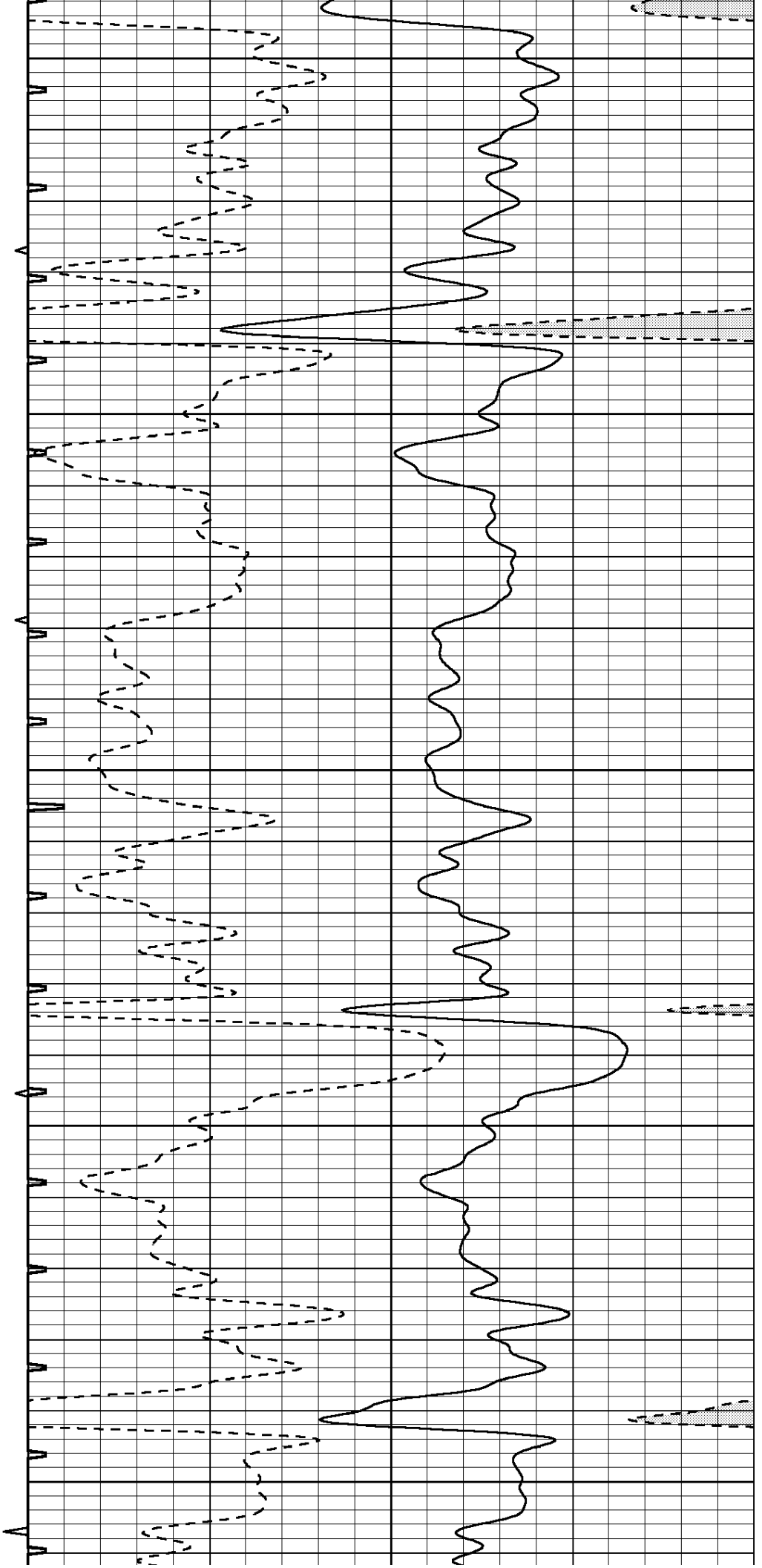
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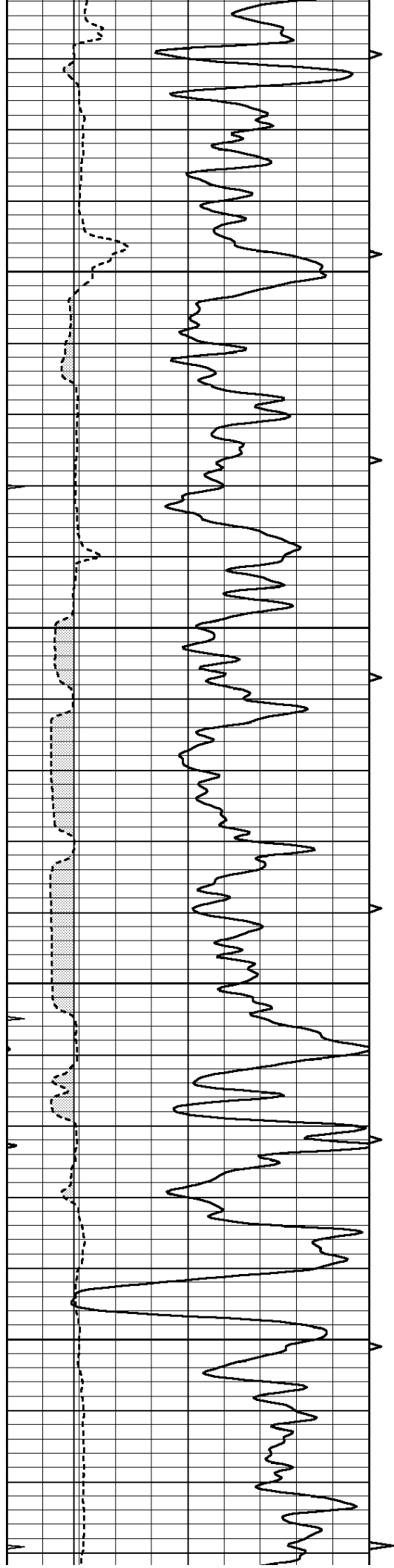
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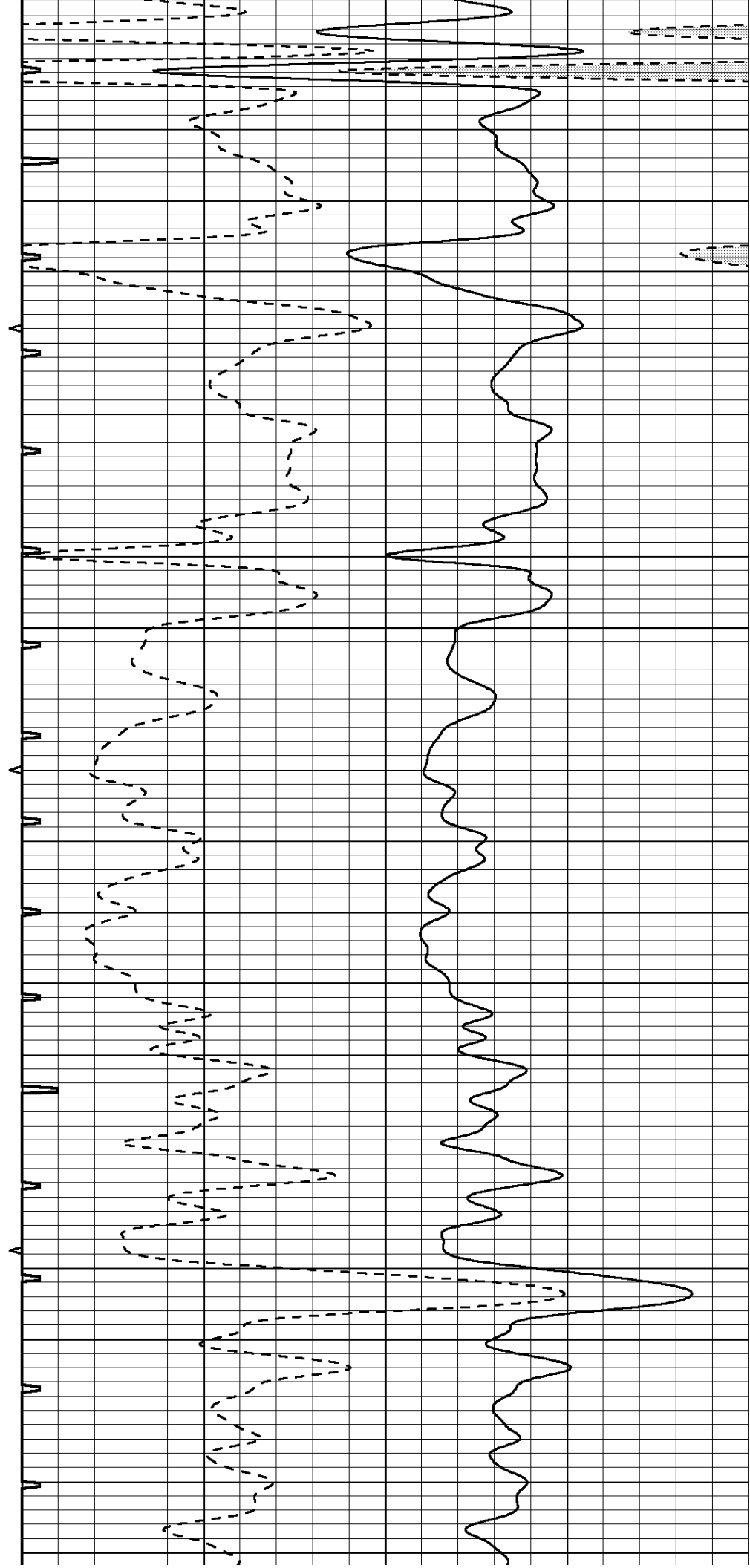


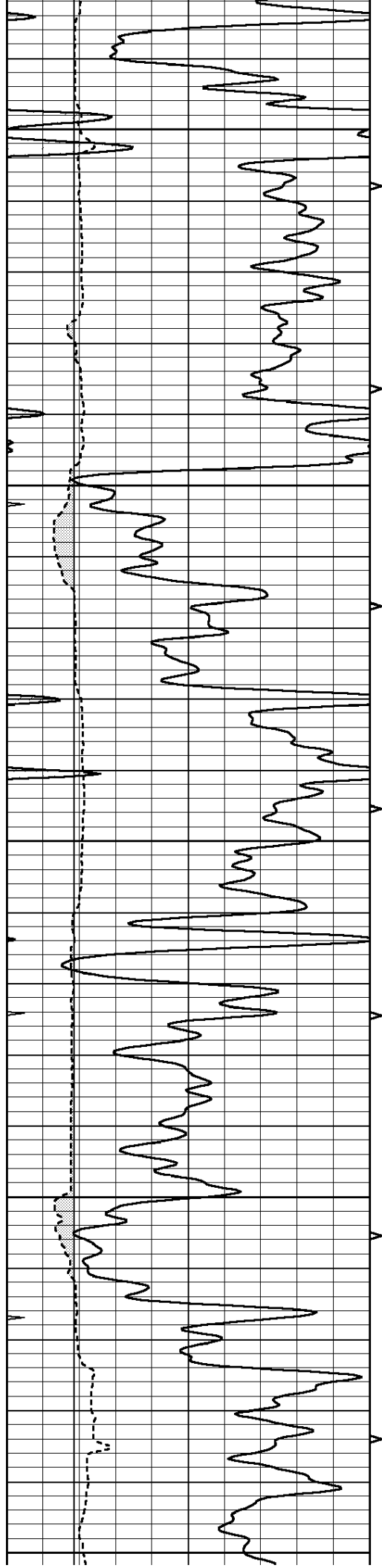
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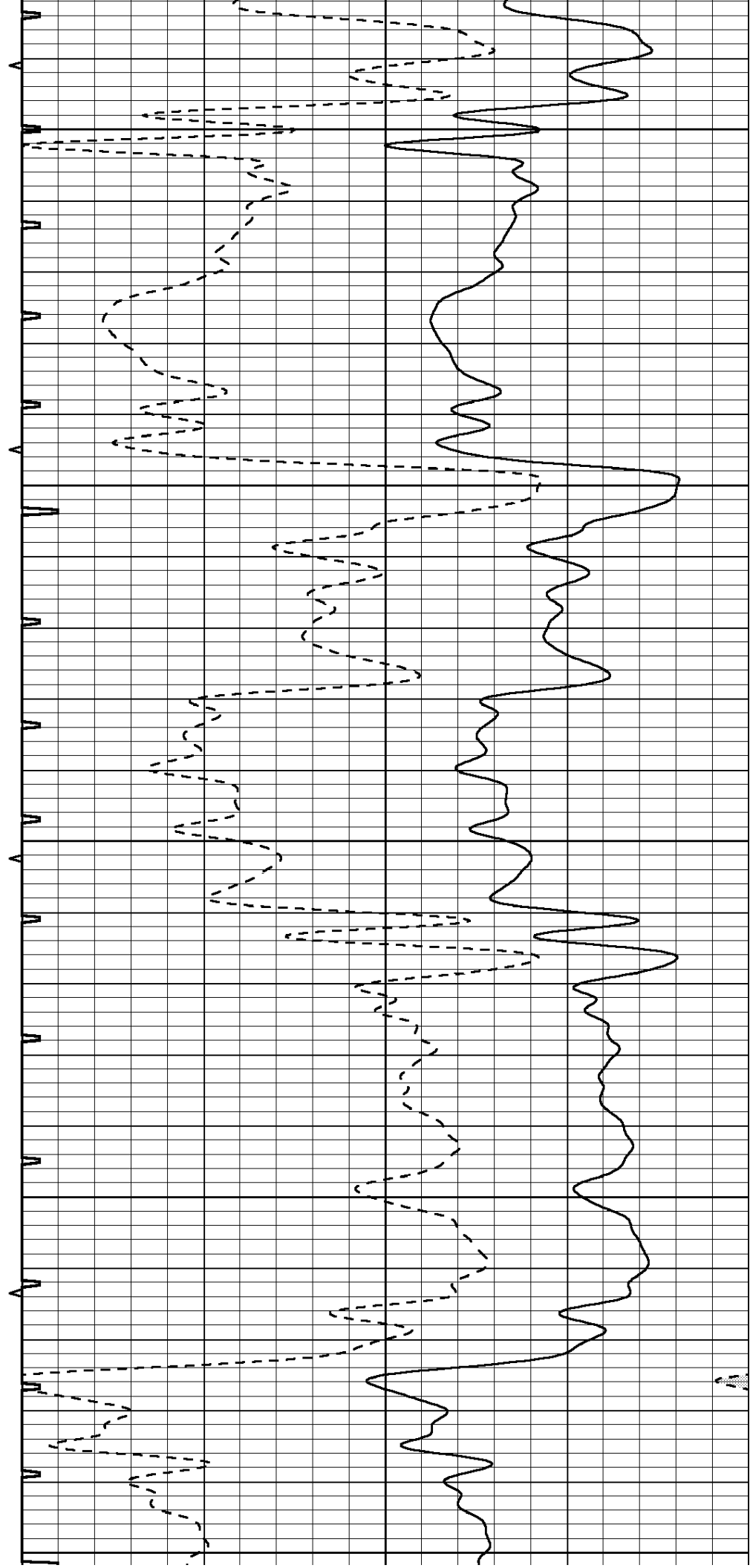
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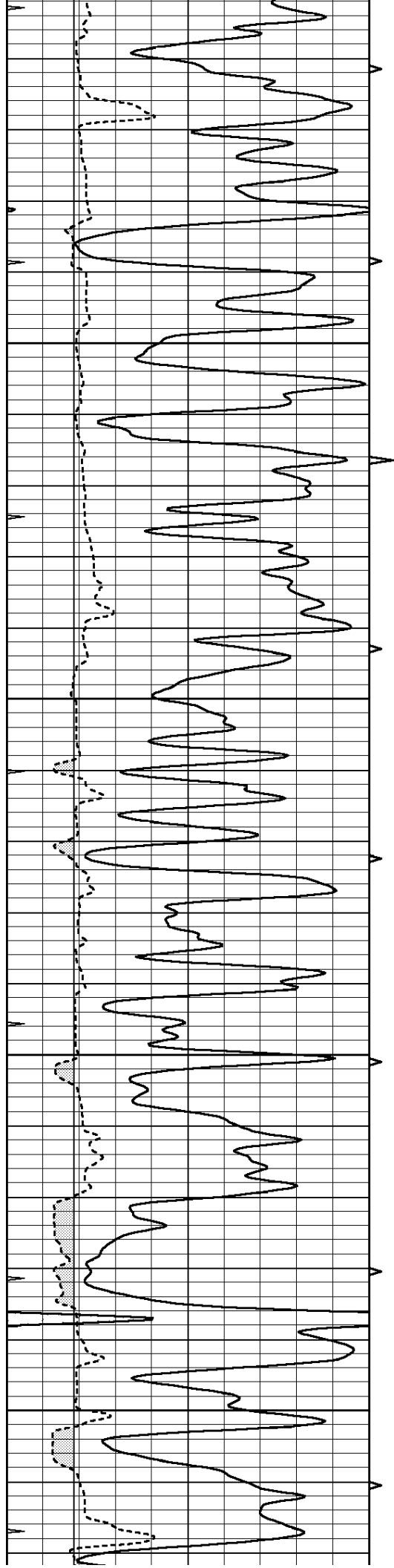
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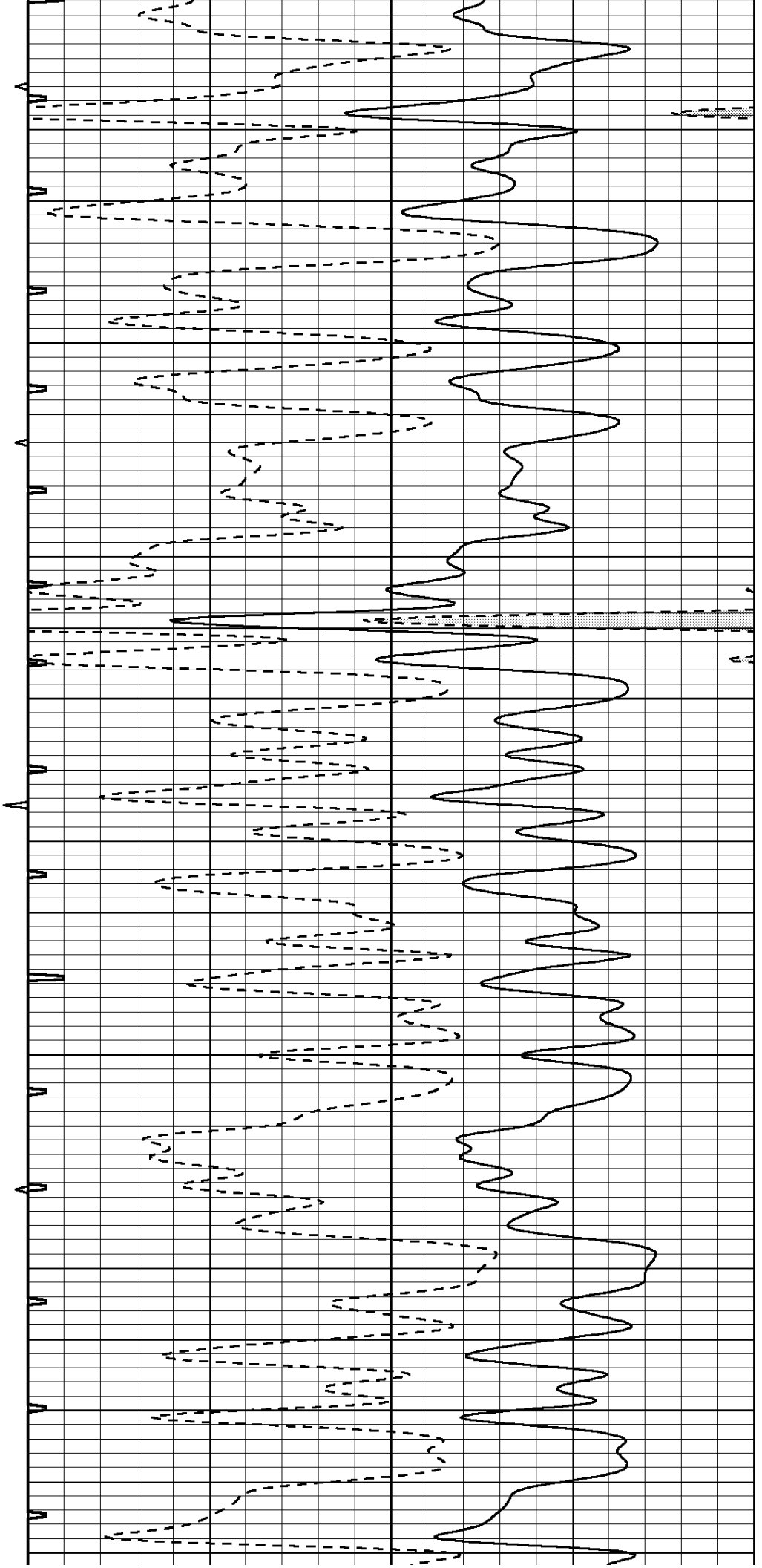


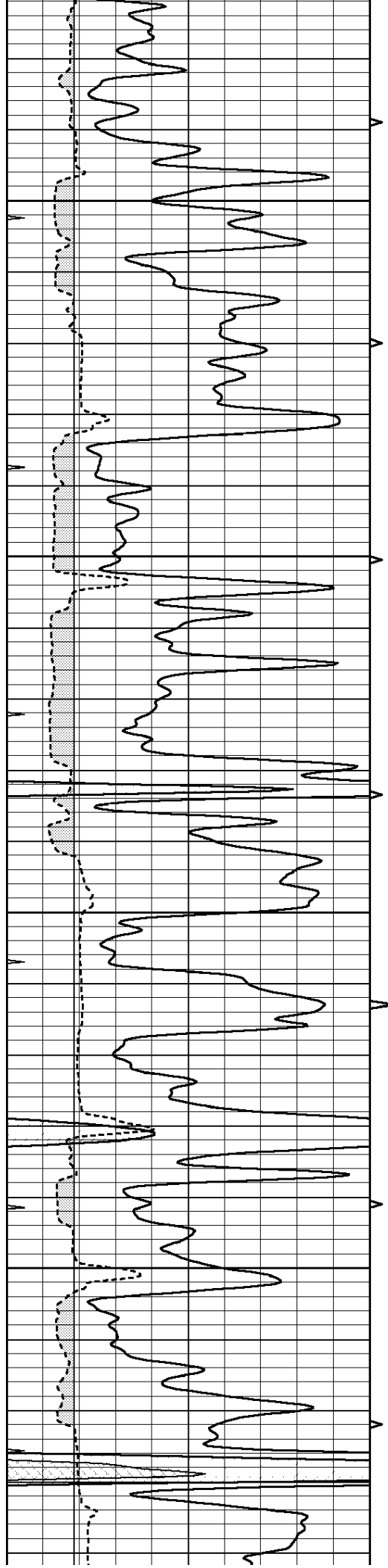
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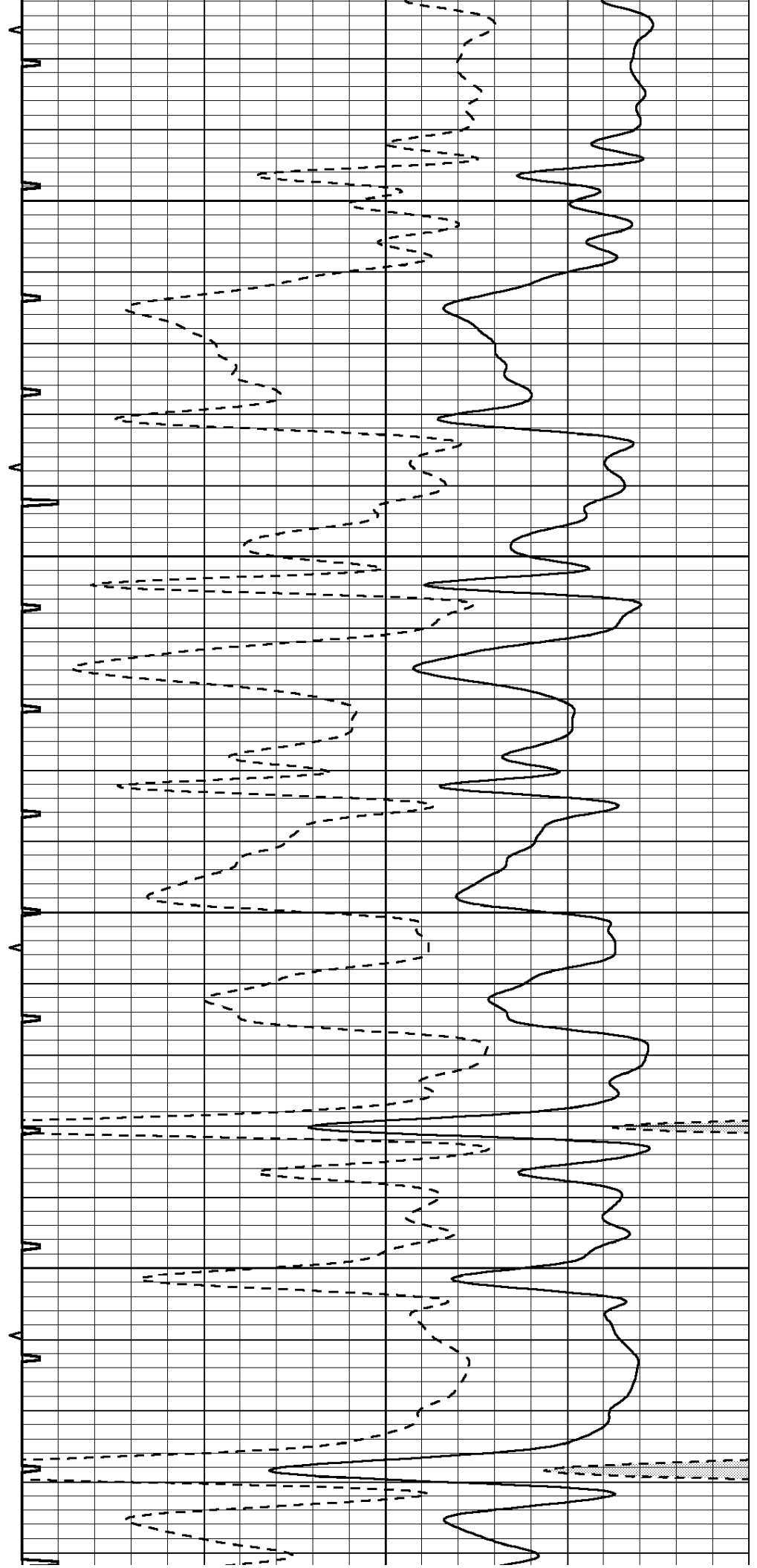


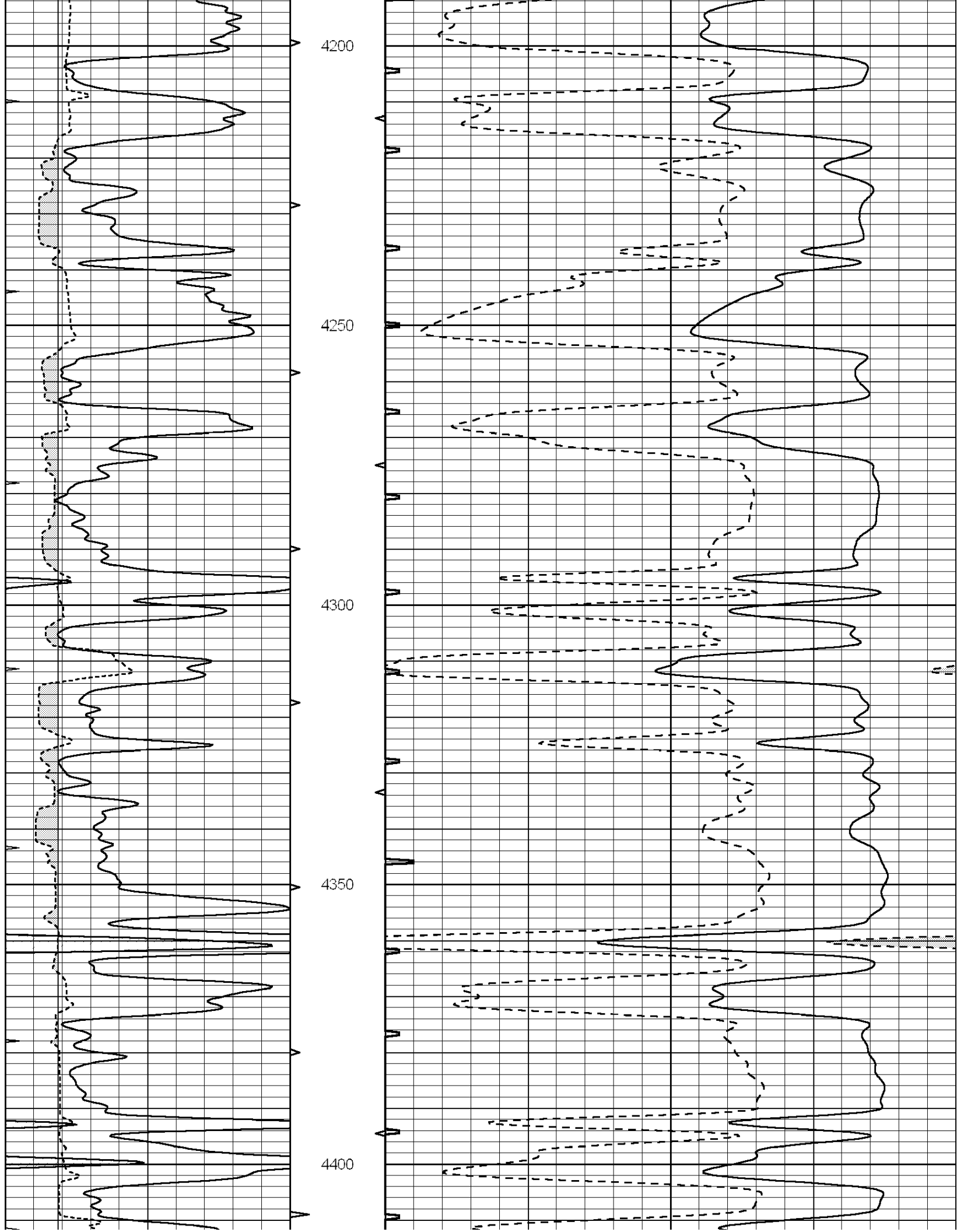
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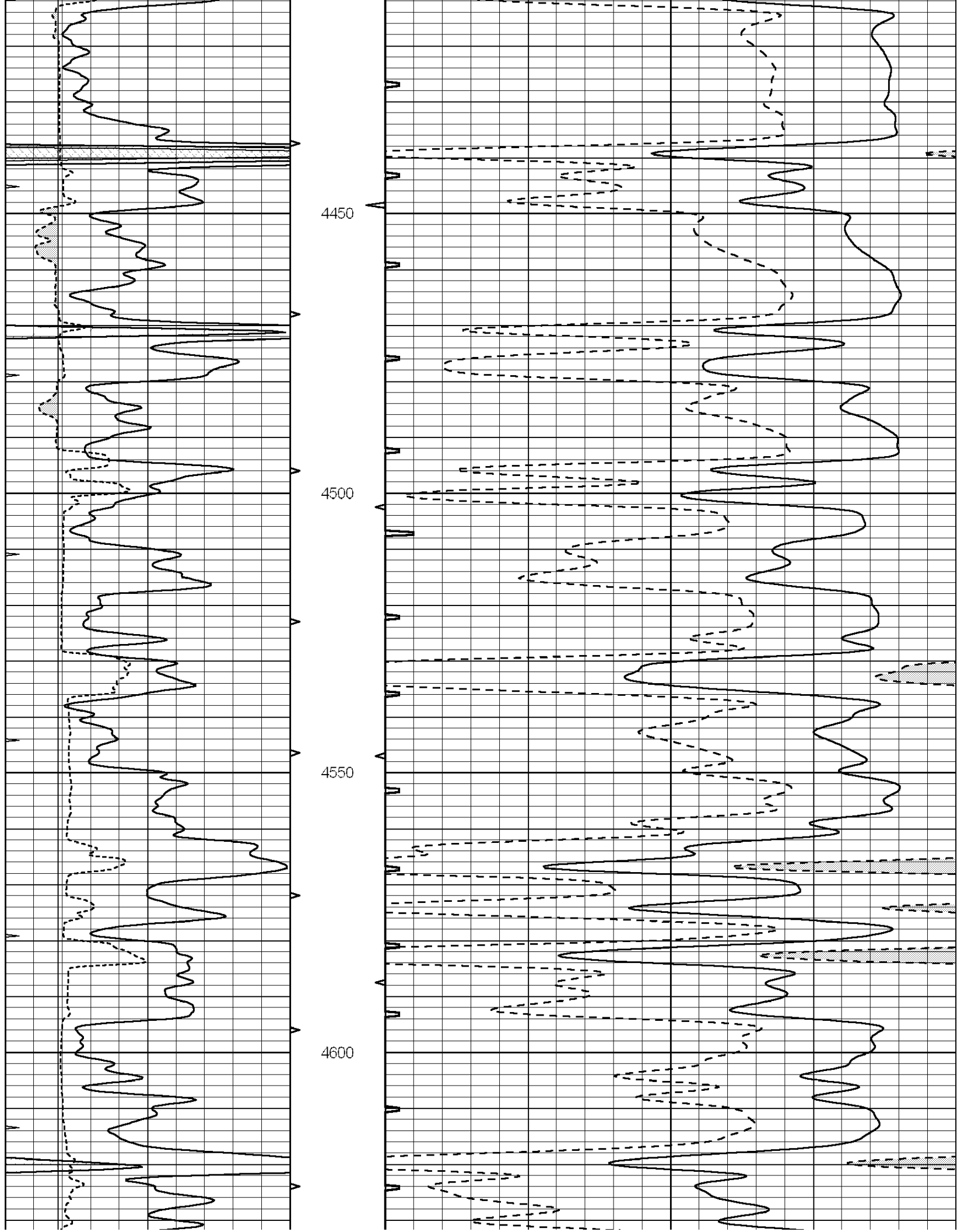
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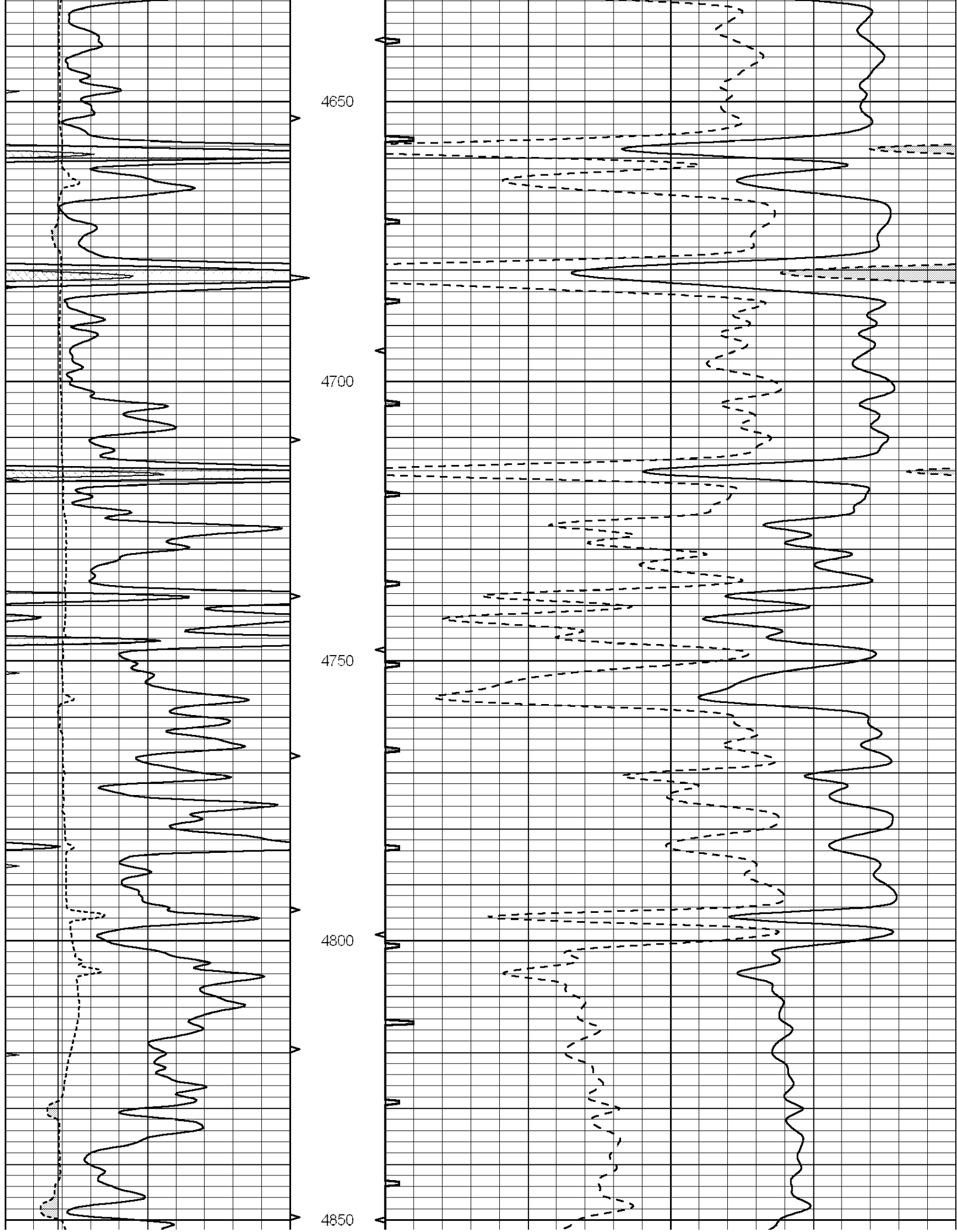
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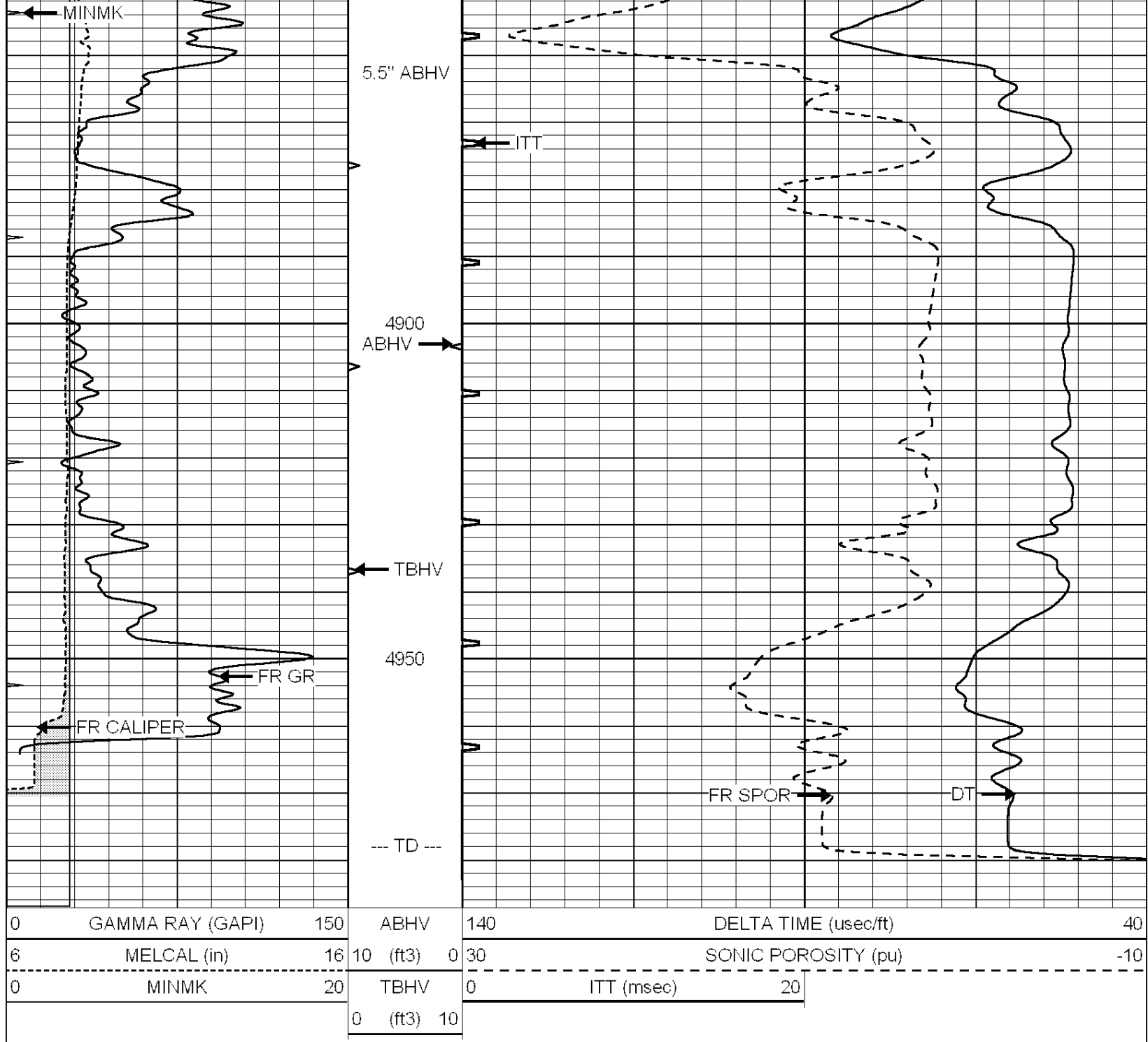
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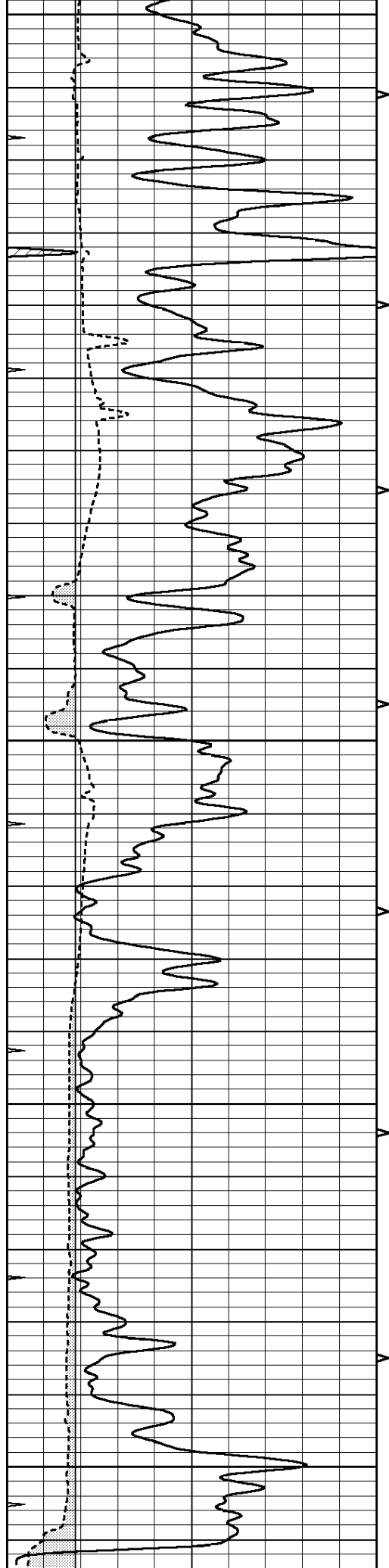


SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 009569ddn.db
 Dataset Pathname: pass7.1B
 Presentation Format: slt
 Dataset Creation: Tue Aug 07 10:08:09 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	MELCAL (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



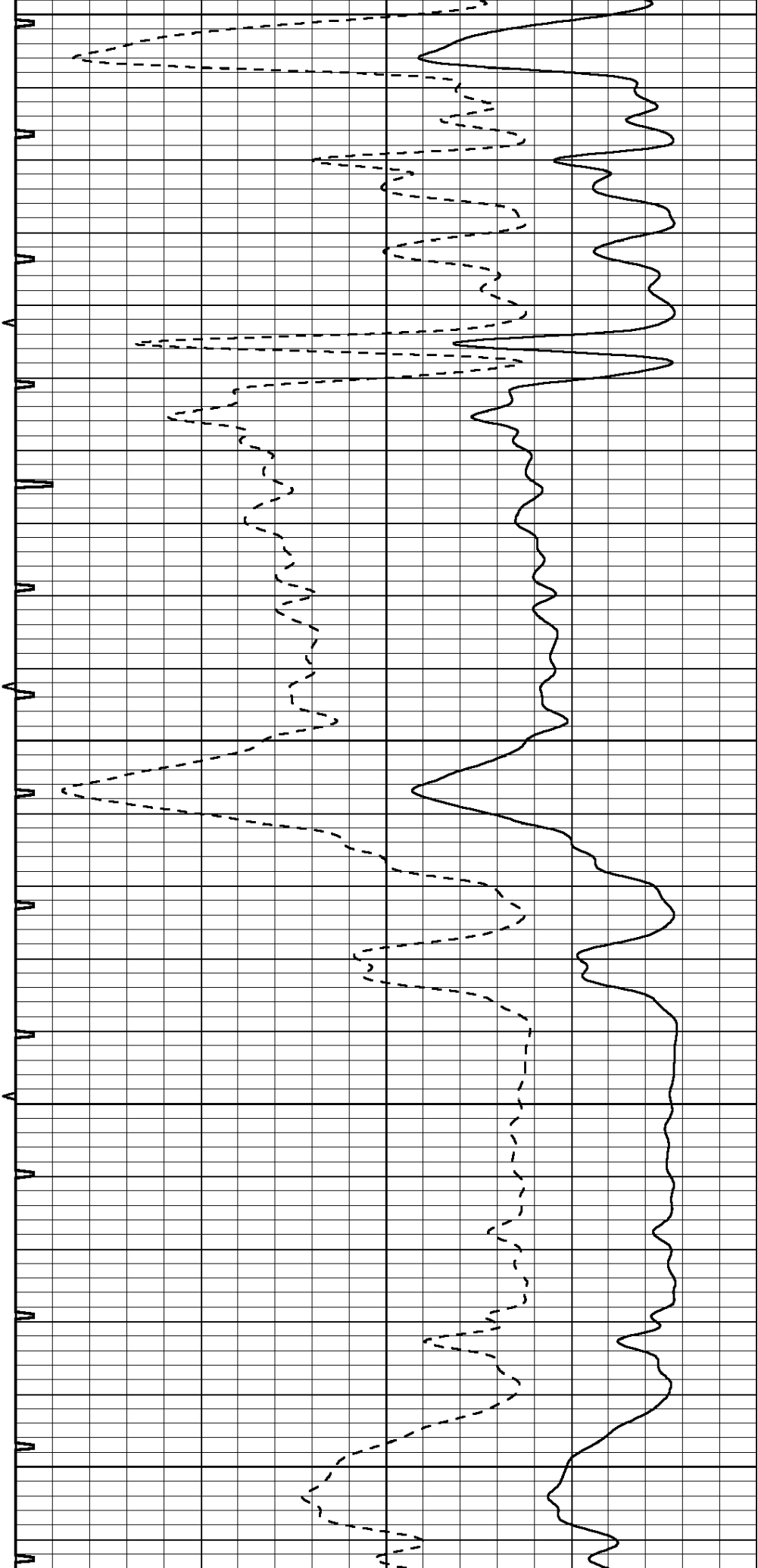
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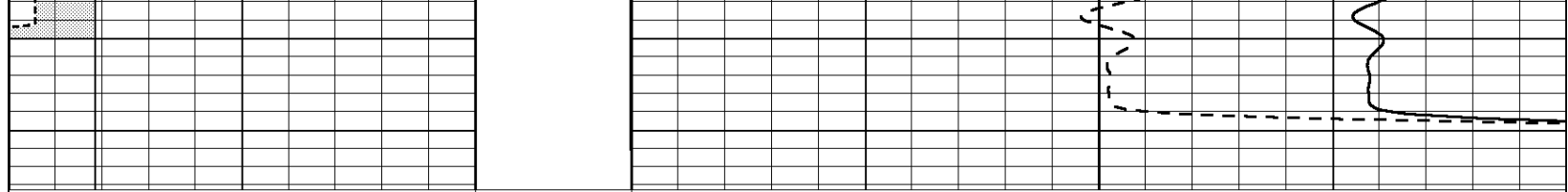
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4950





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	MELCAL (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			