

SONIC LOG

Company DARRAH OIL COMPANY, LLC.

Well YOUNKIN #1-11

Field WILDCAT

County LOGAN State KANSAS

Location: API #: 15-109-21603-0000

2600' FNL & 595' FEL
SW - SE - SE - NE

SEC 11 TWP 14S RGE 34W

Permanent Datum GROUND LEVEL Elevation 2885
Log Measured From KELLY BUSHING 11" A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/MEL

Elevation
K.B. 2896
D.F. 2894
G.L. 2885

Date 6/29/20

Run Number TWO

Depth Driller 4650

Depth Logger 4650

Bottom Logged Interval 4642

Top Log Interval 200

Casing Driller 8 5/8" @ 267'

Casing Logger 267

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.3/58

pH / Fluid Loss 9.0/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp .420 @ 90F

Rmf @ Meas. Temp .315 @ 90F

Rmc @ Meas. Temp .504 @ 90F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .310 @ 122F

Time Circulation Stopped 4.5 HOURS

Time Logger on Bottom 12:00 A.M.

Maximum Recorded Temperature 122F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By SETH EVENSON

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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 E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395
DIRECTIONS

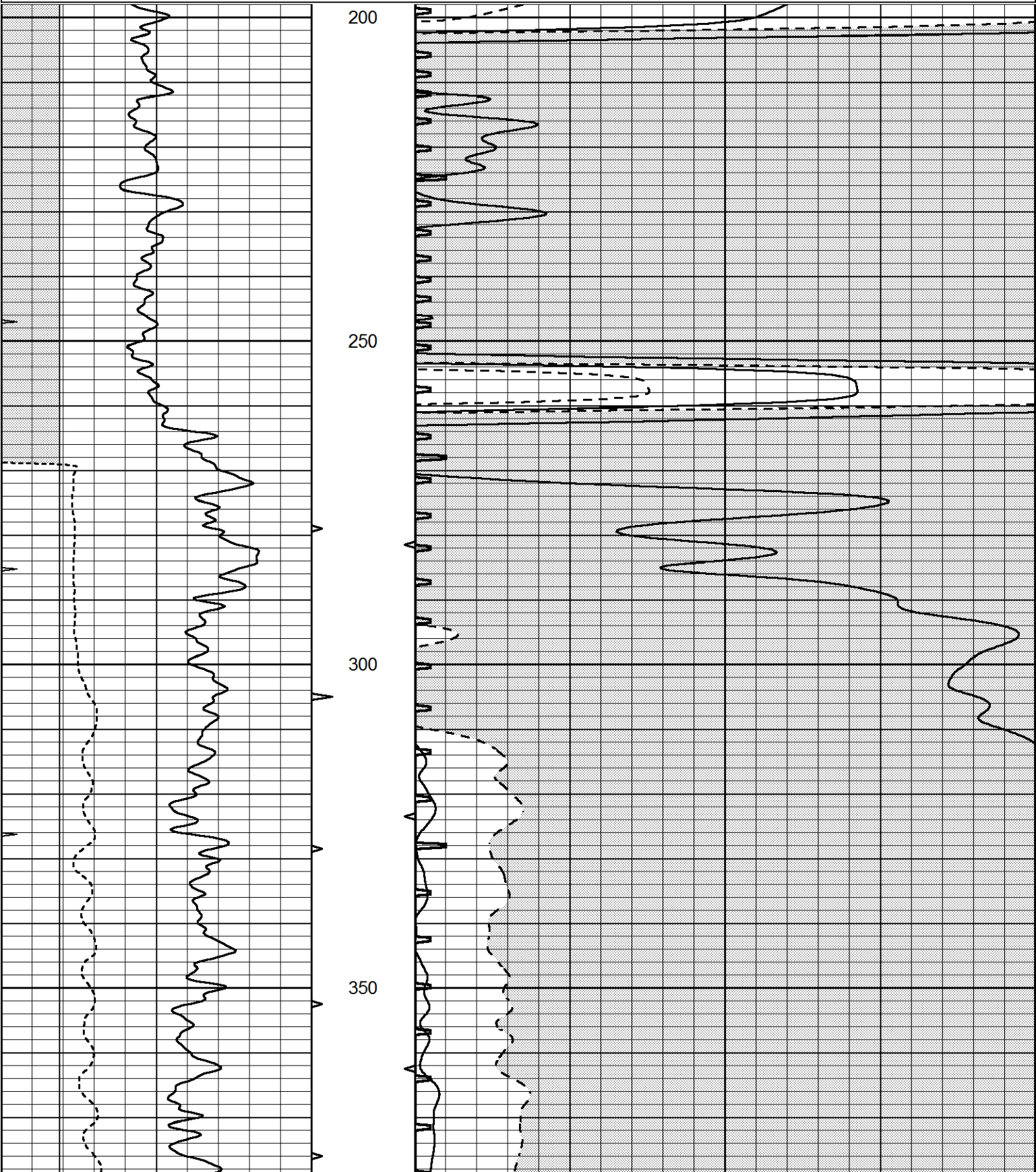
OAKLEY, KS., 13S. ON HWY 83 TO "QUAIL RD.", 7W. TO "RD. 370" 1S. TO "PLAINS RD.", 2W. TO "RD. 350", 4S. TO "LARIAT RD.", 1W. TO CATTLE GUARD, THEN 1/2 W. IN PASTURE

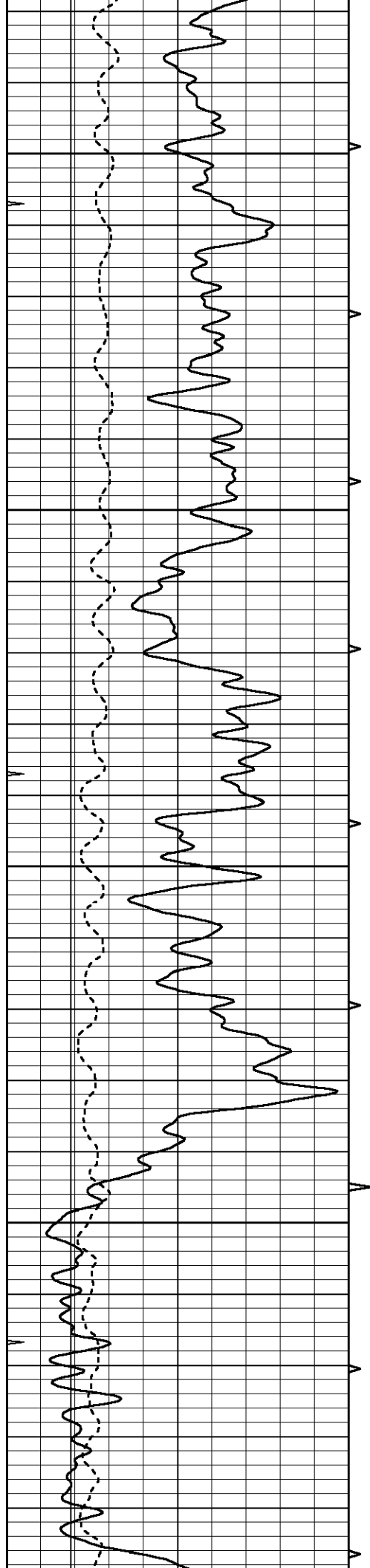


MAIN SECTION

Database File	4548ddn.db
Dataset Pathname	pass6.6
Presentation Format	slt
Dataset Creation	Mon Jun 29 01:30:37 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
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			



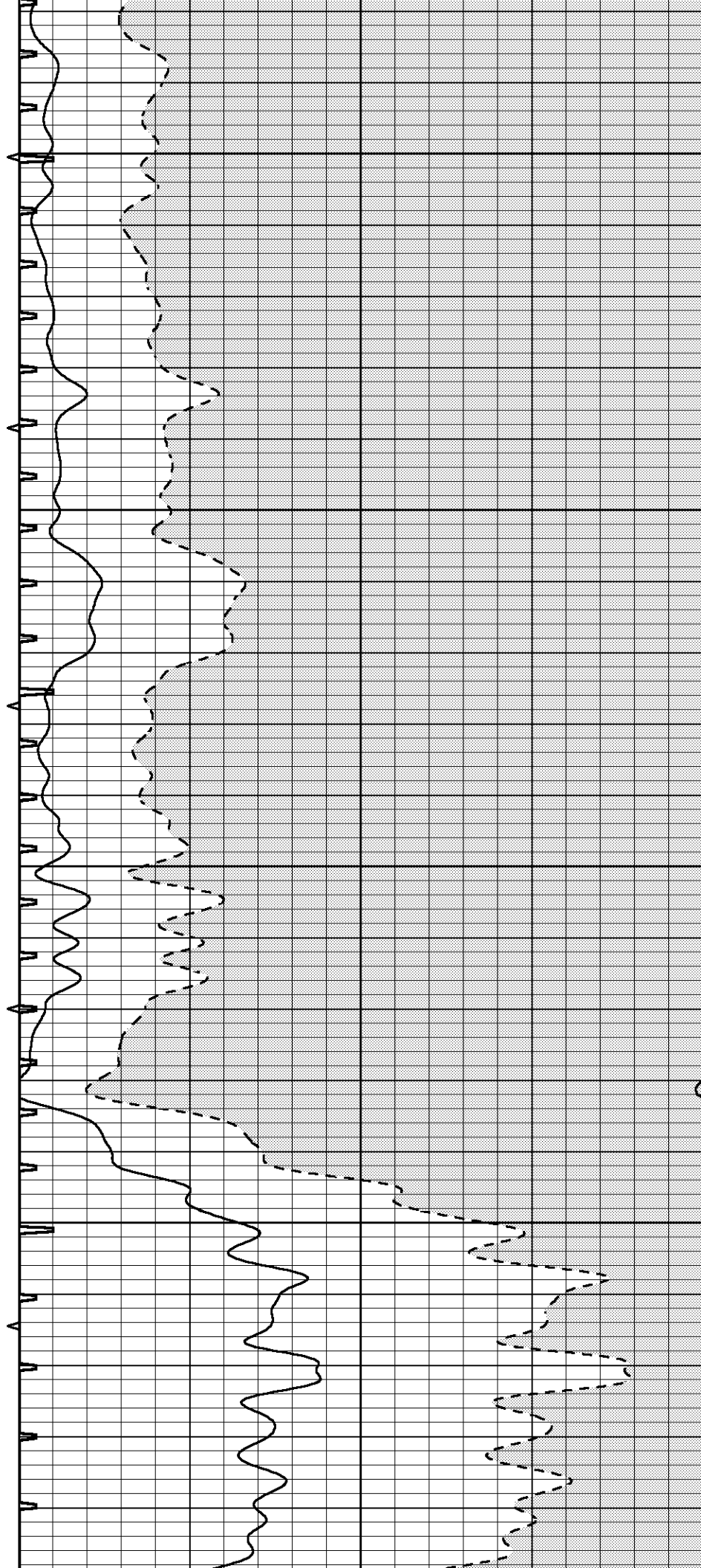


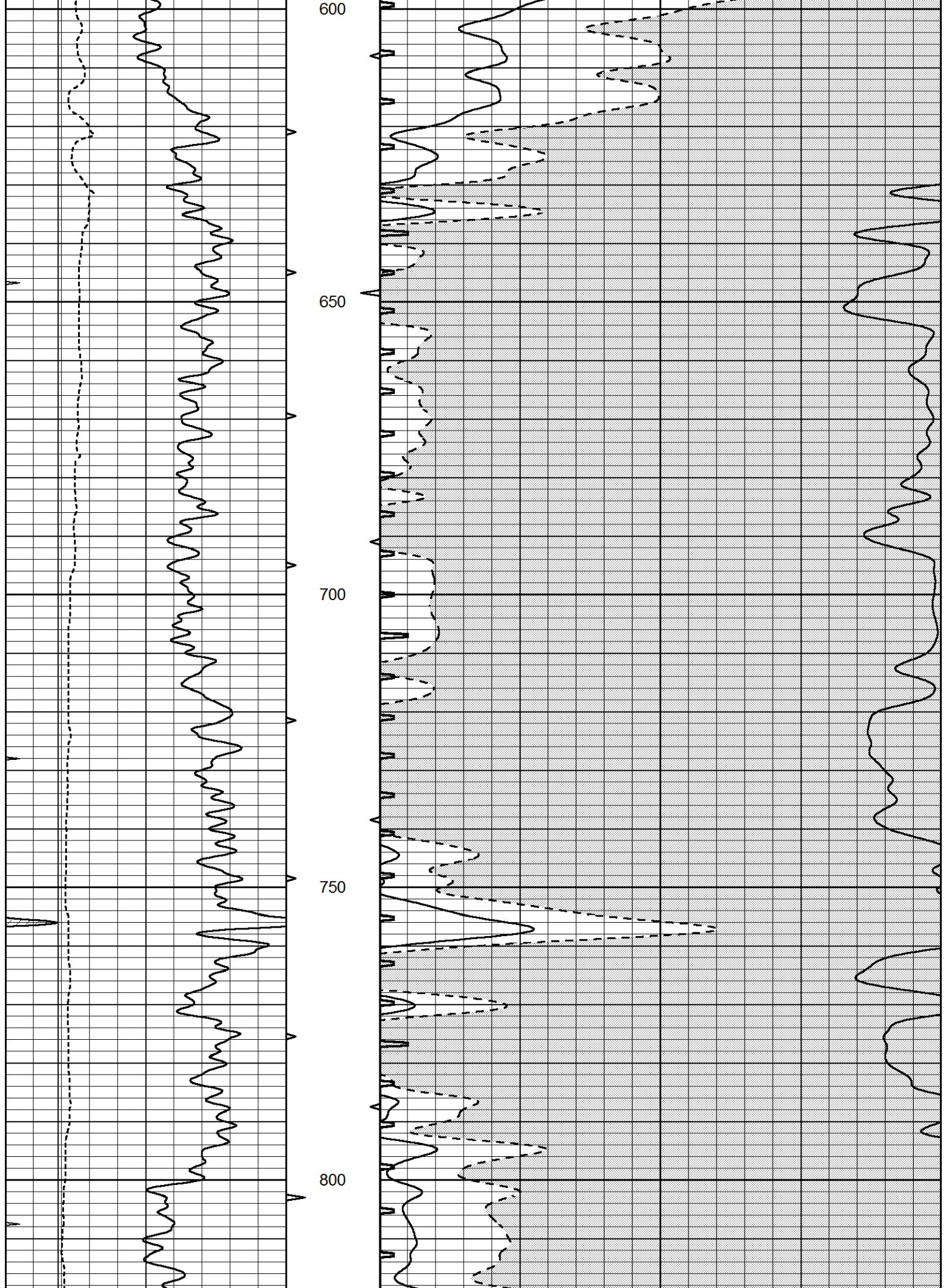
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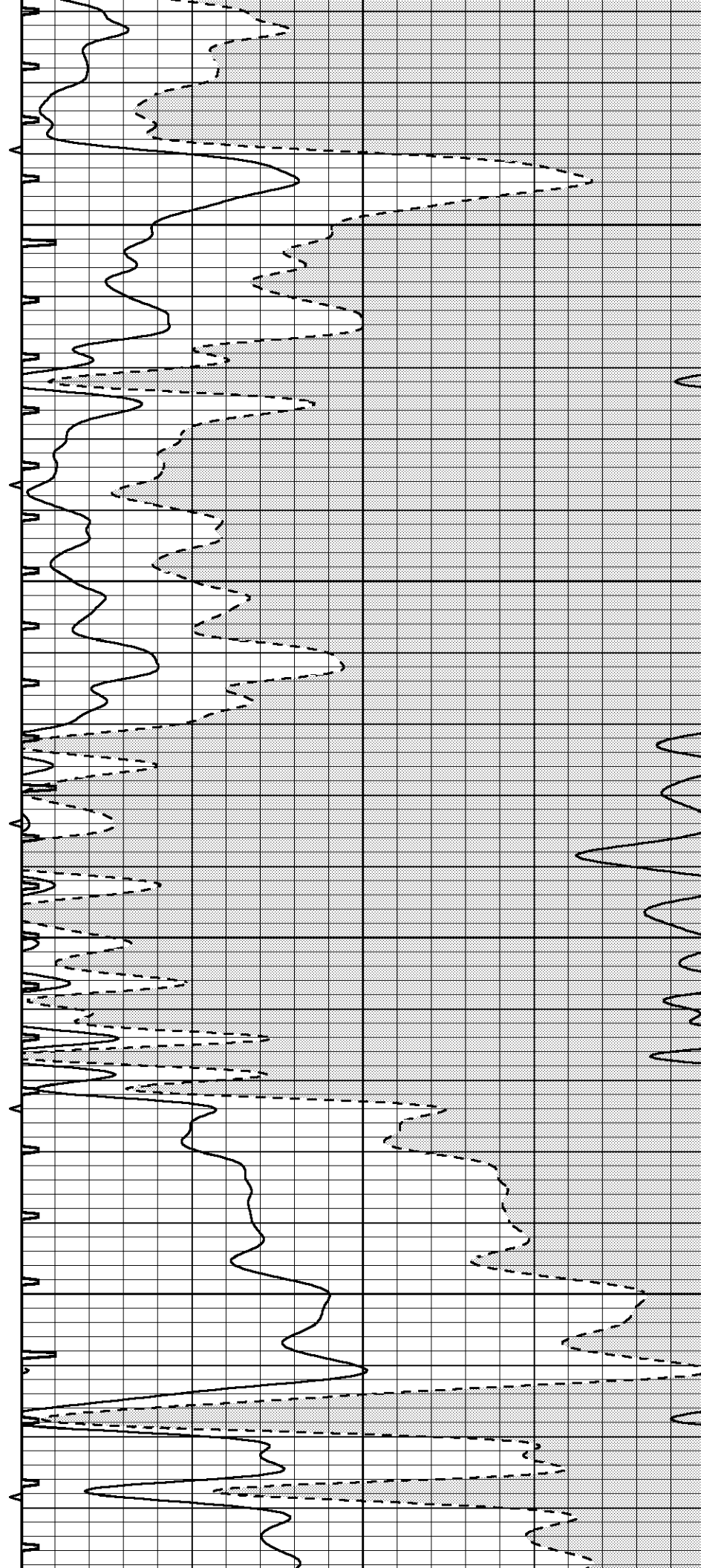
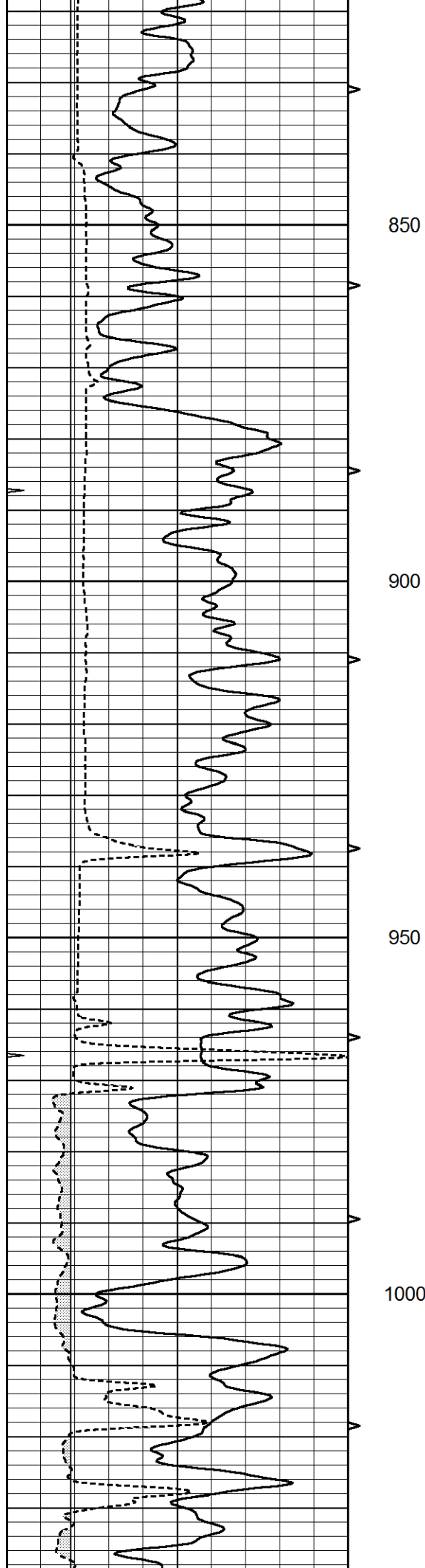
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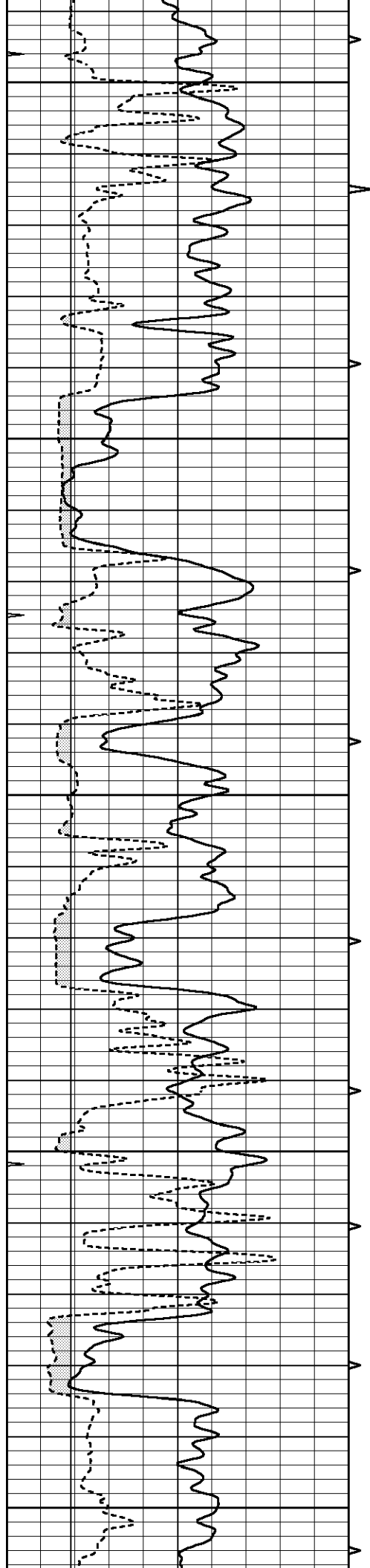
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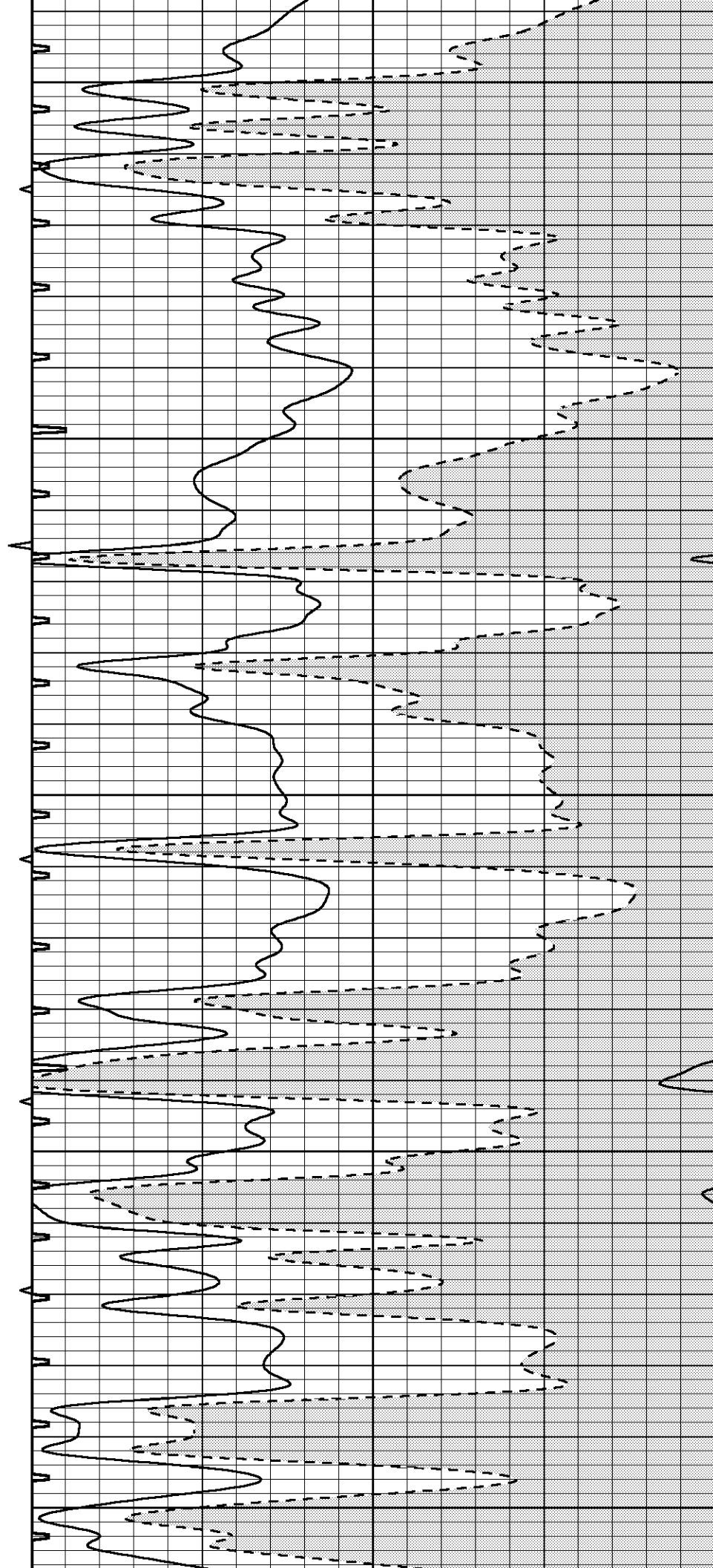
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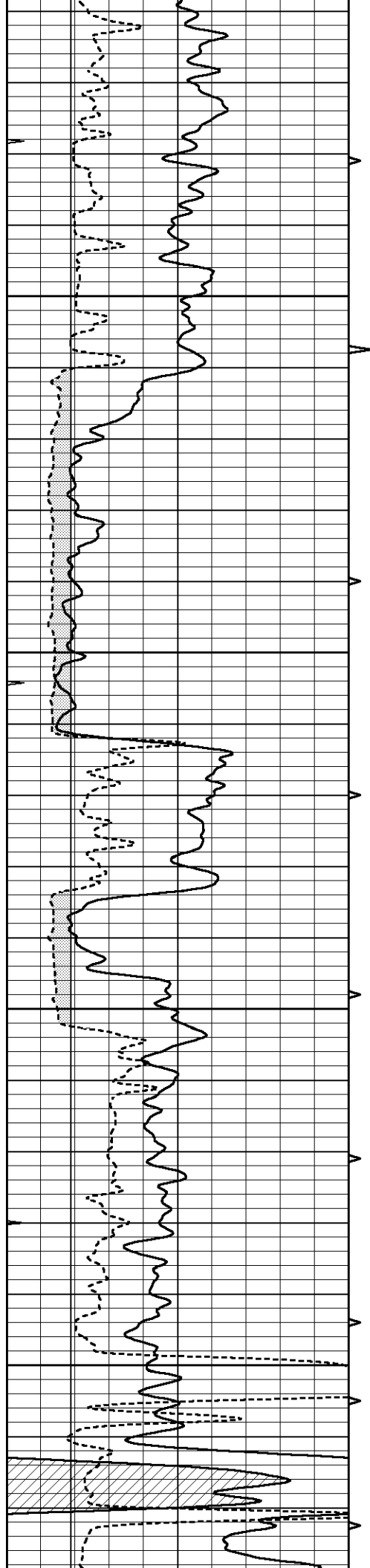
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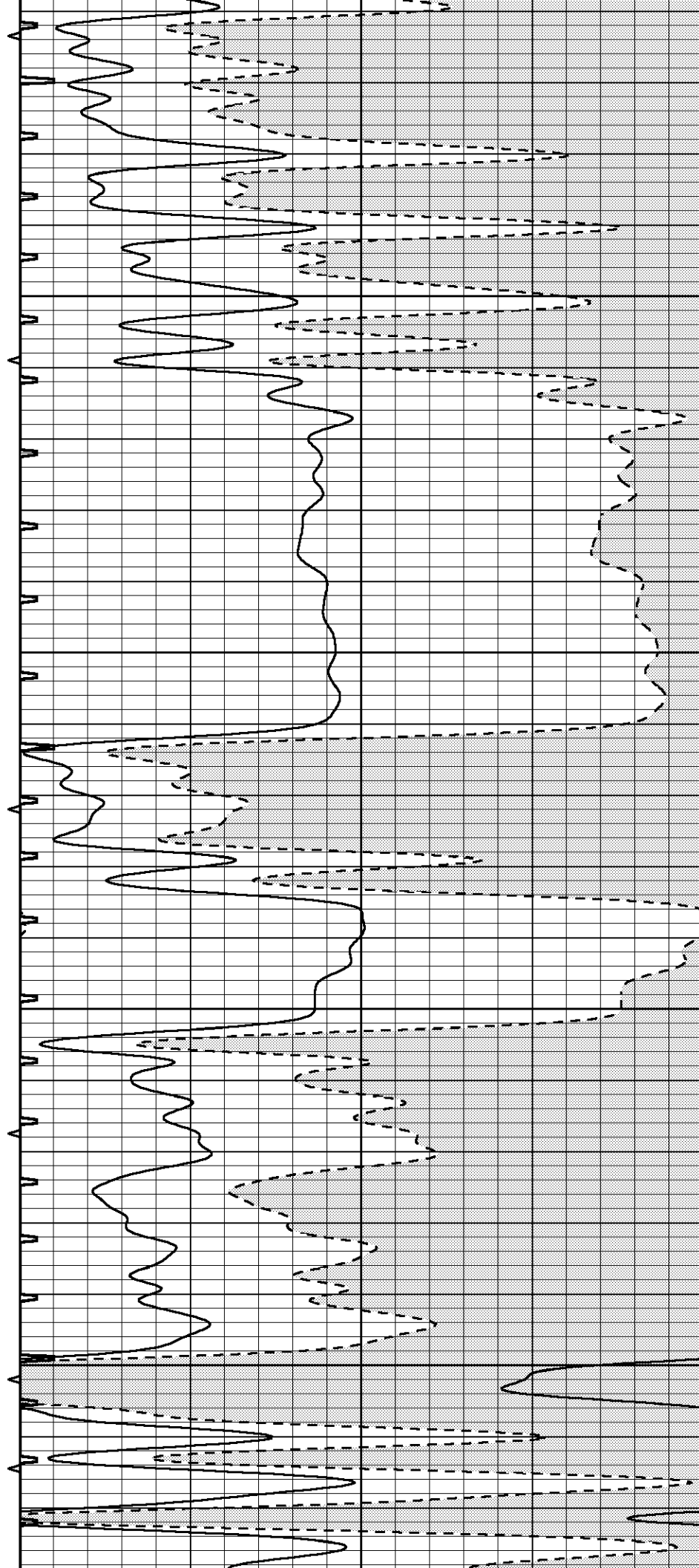


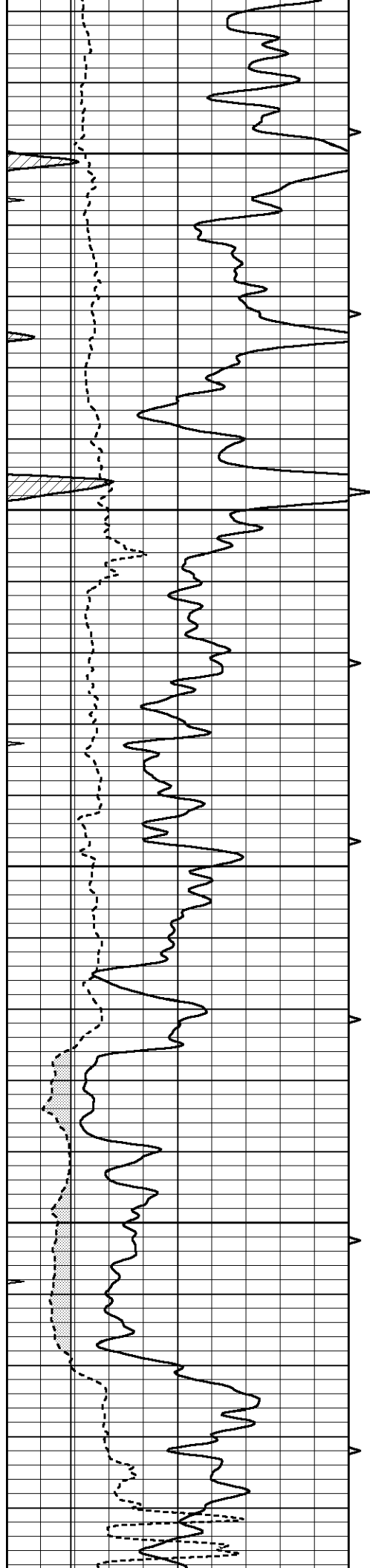
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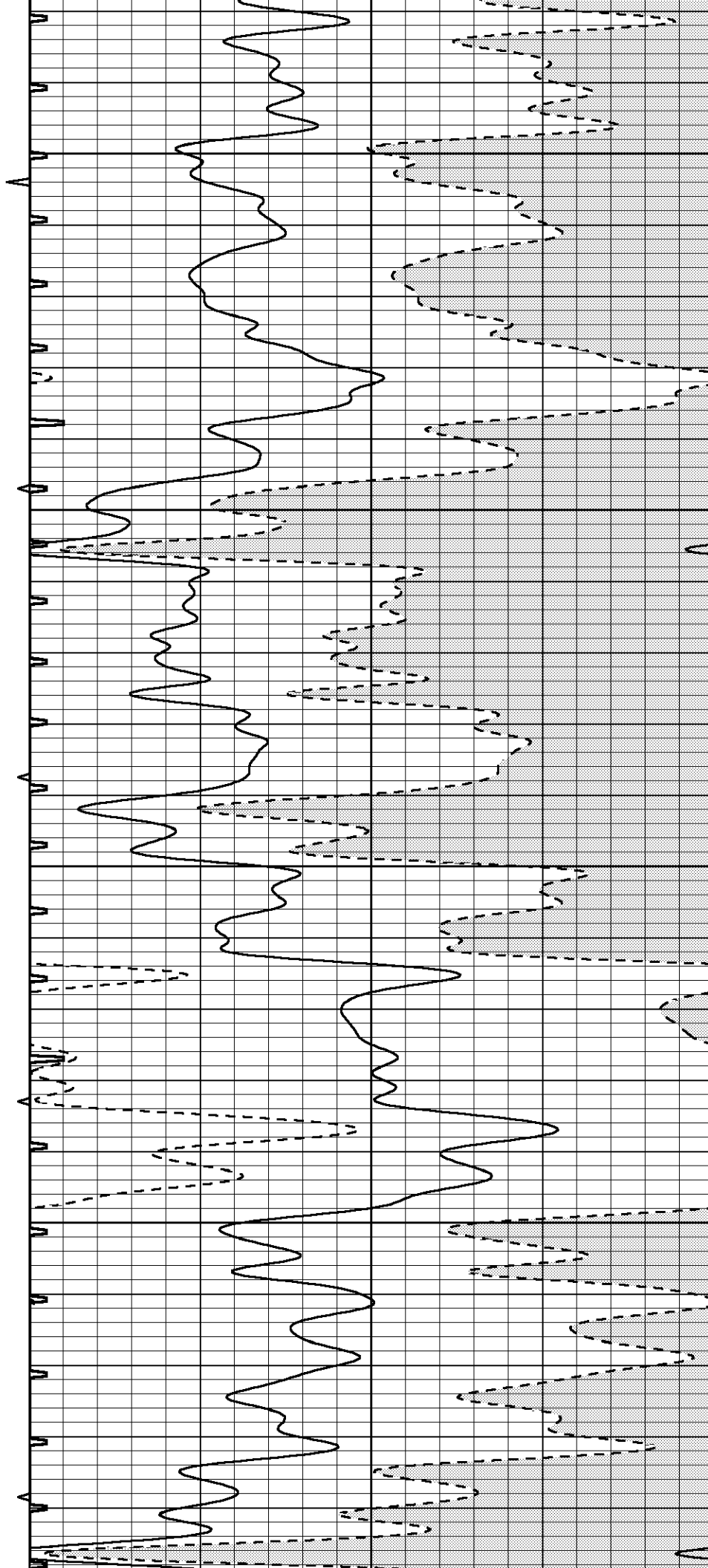


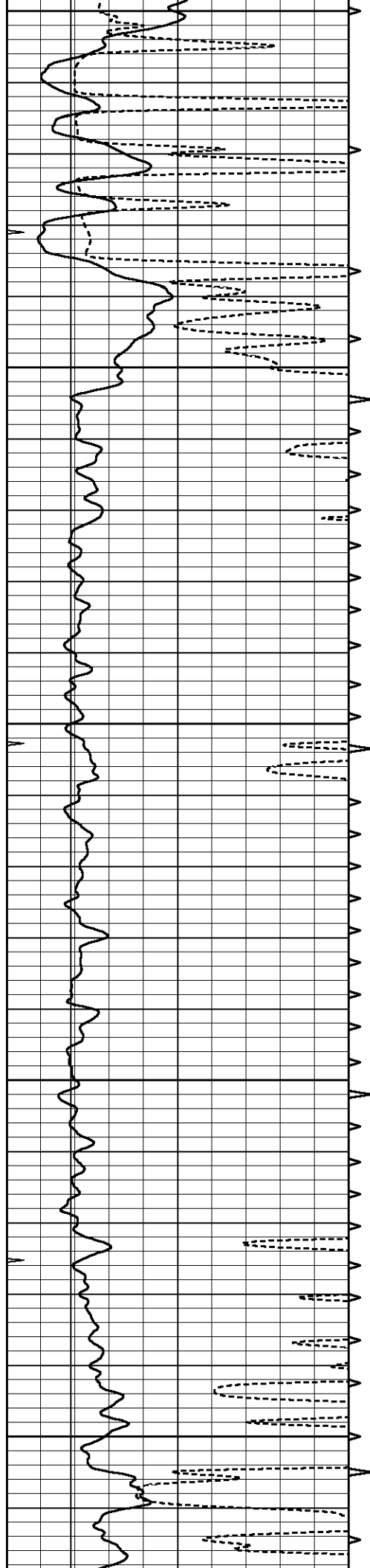
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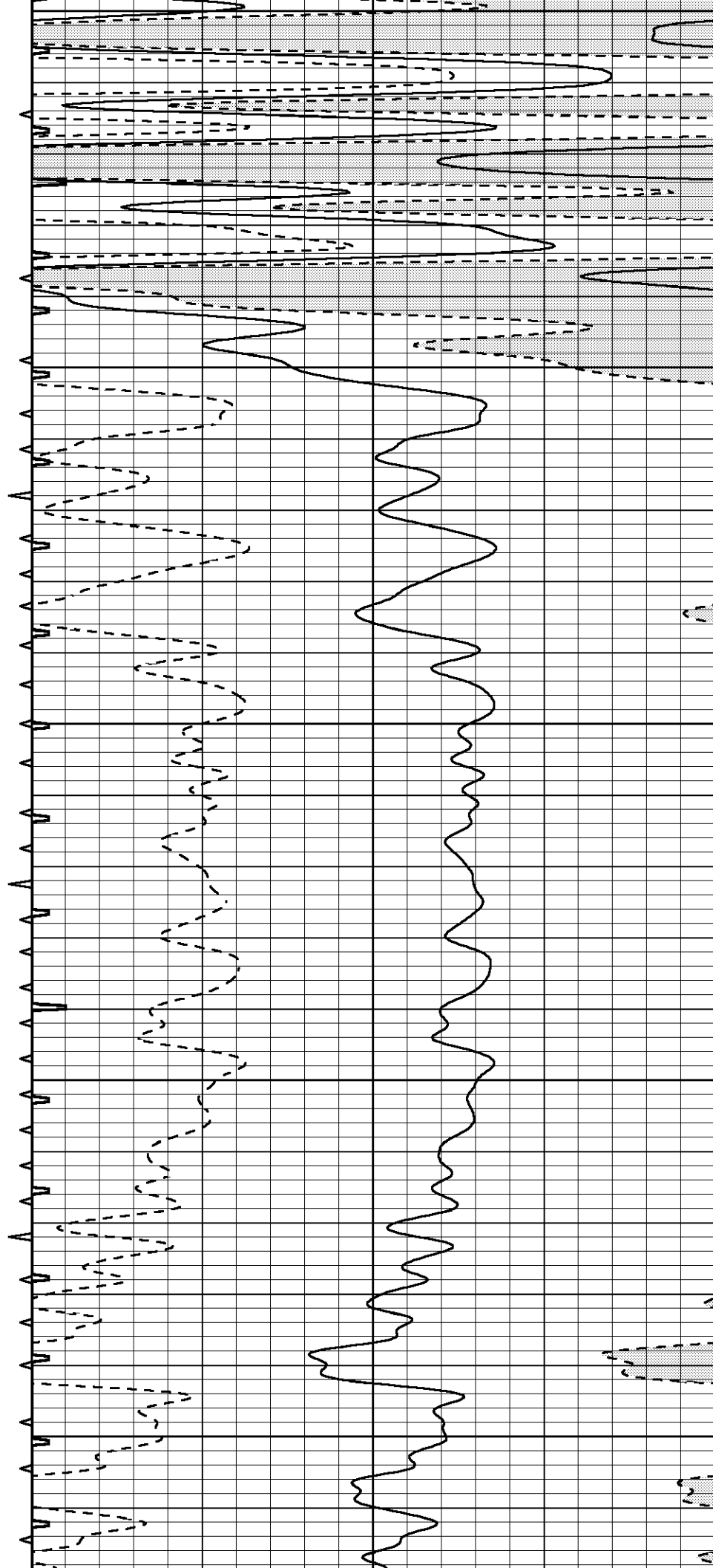
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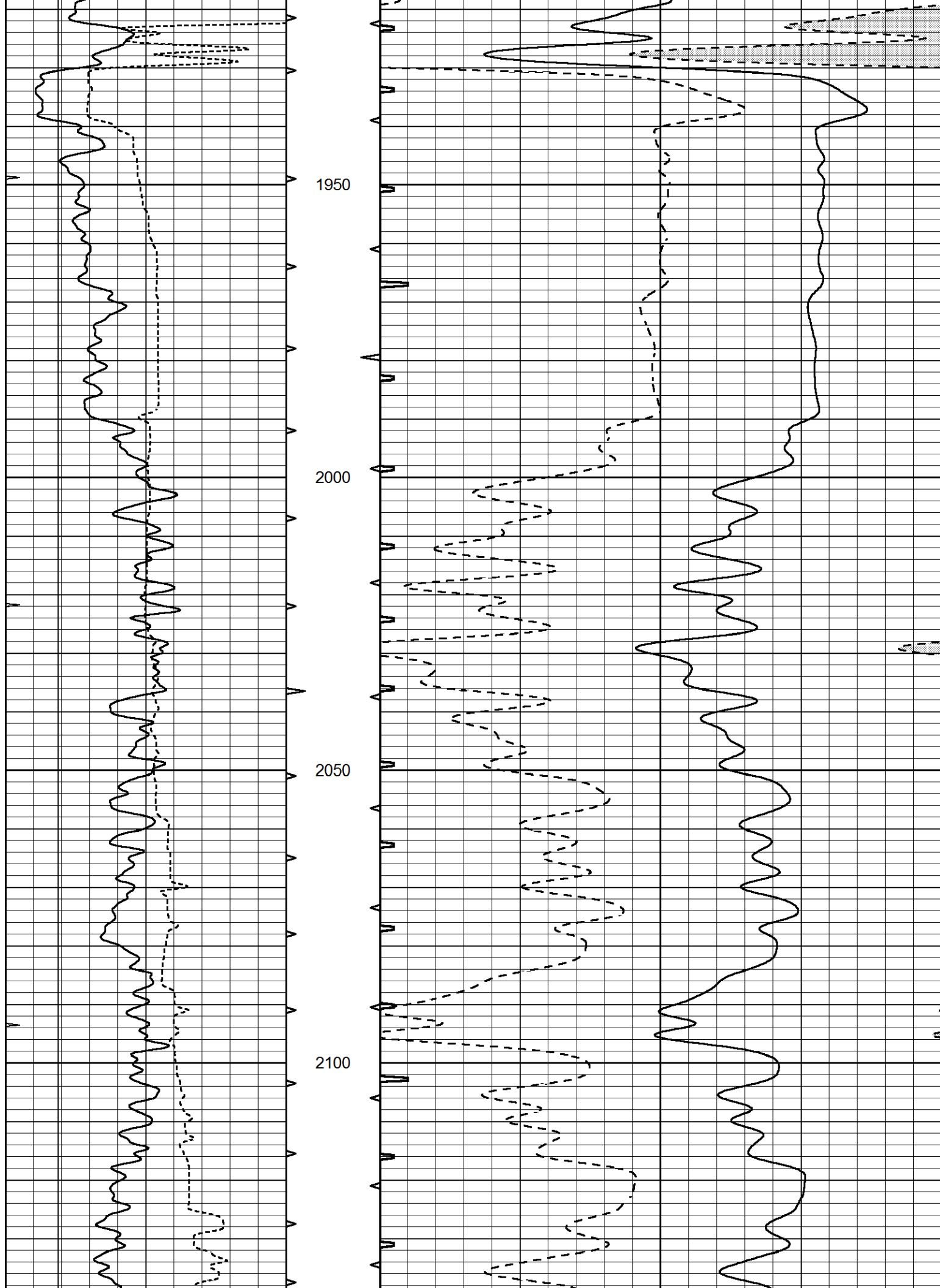
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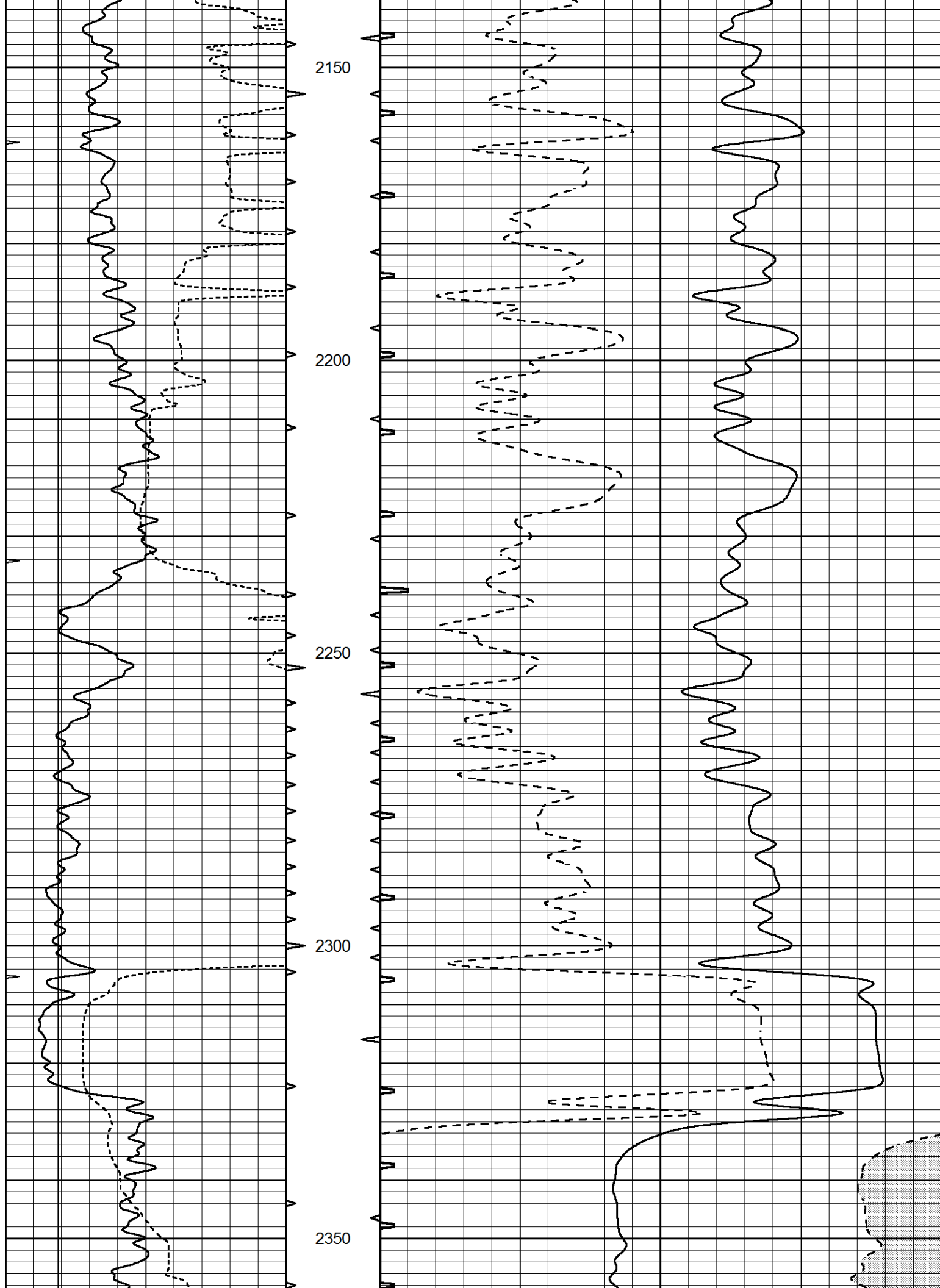
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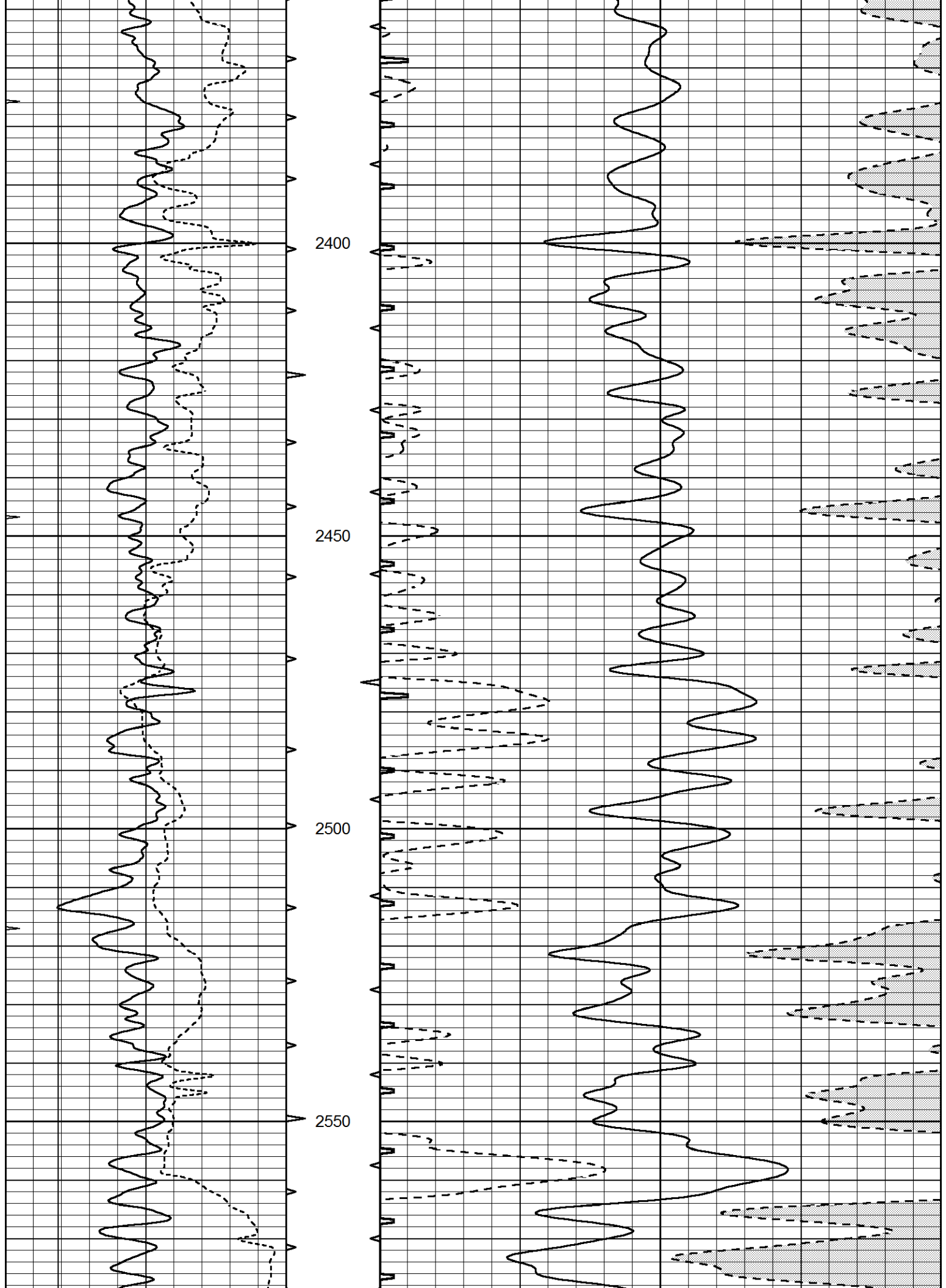
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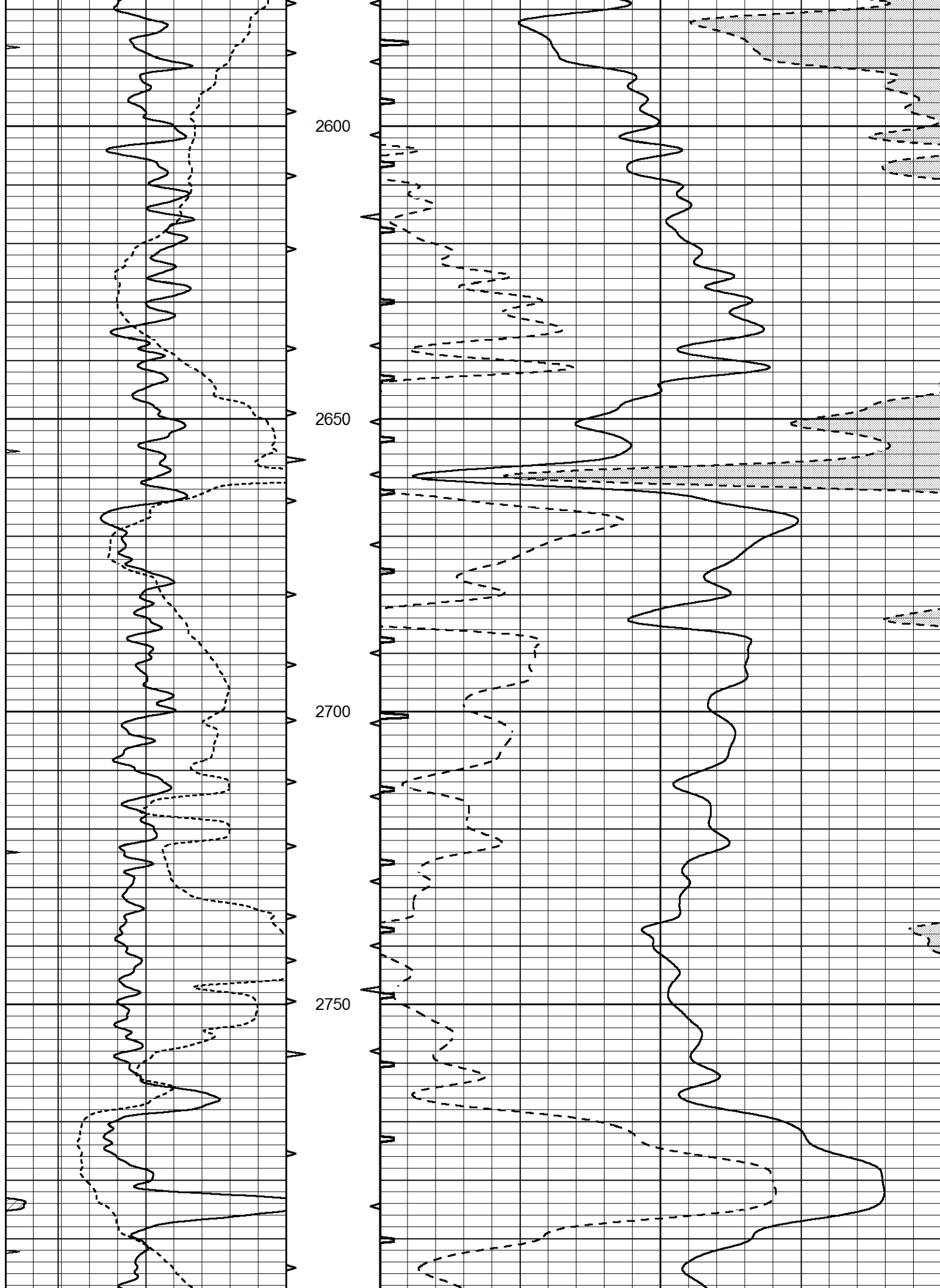
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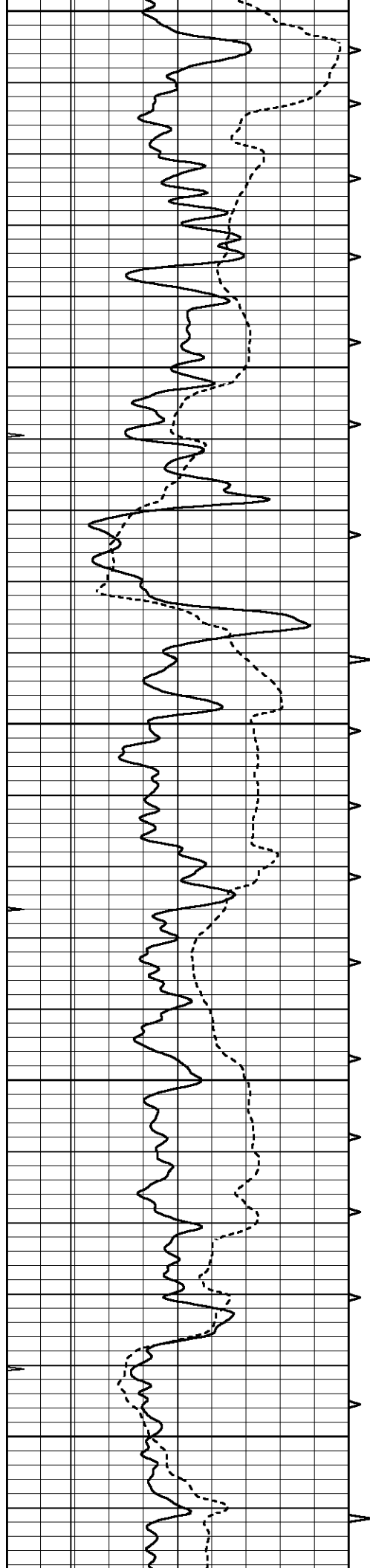












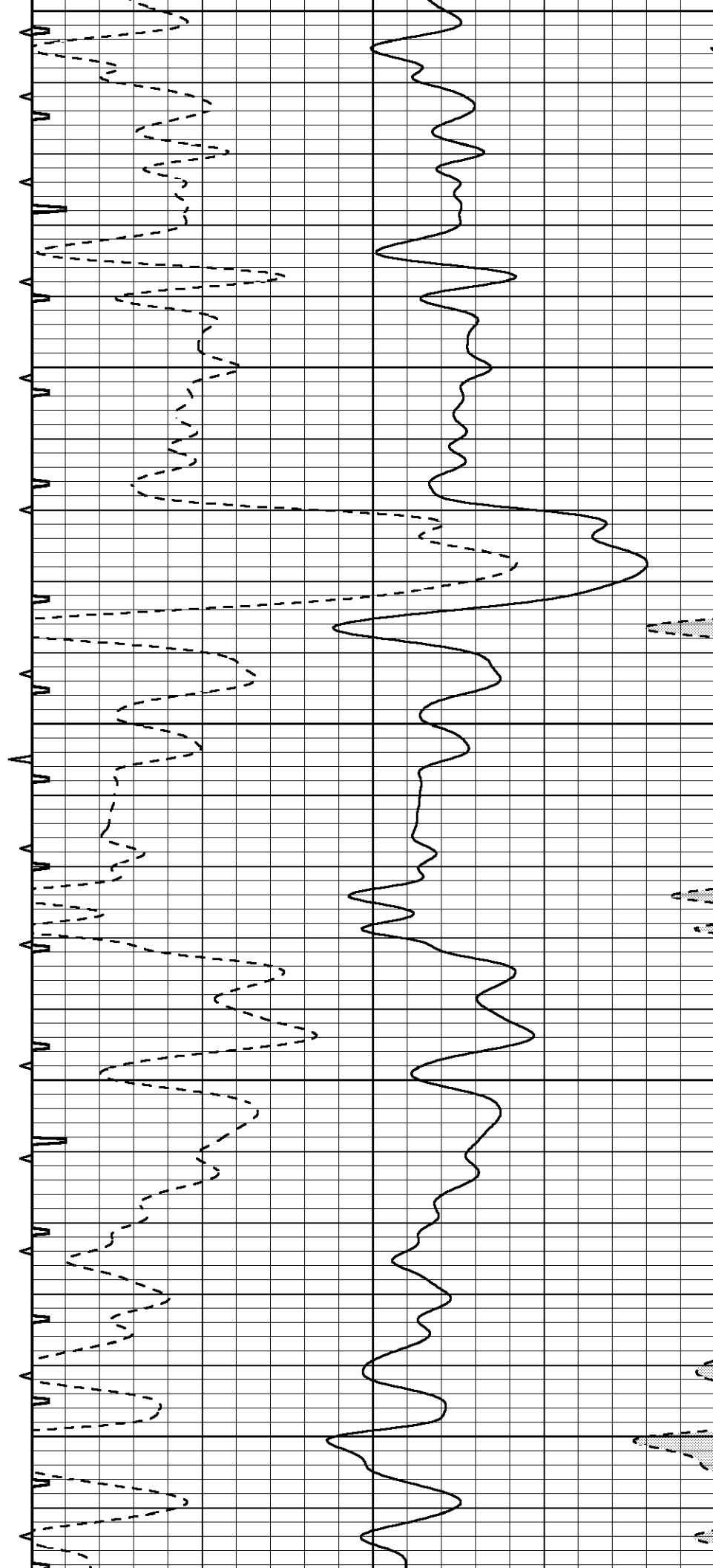
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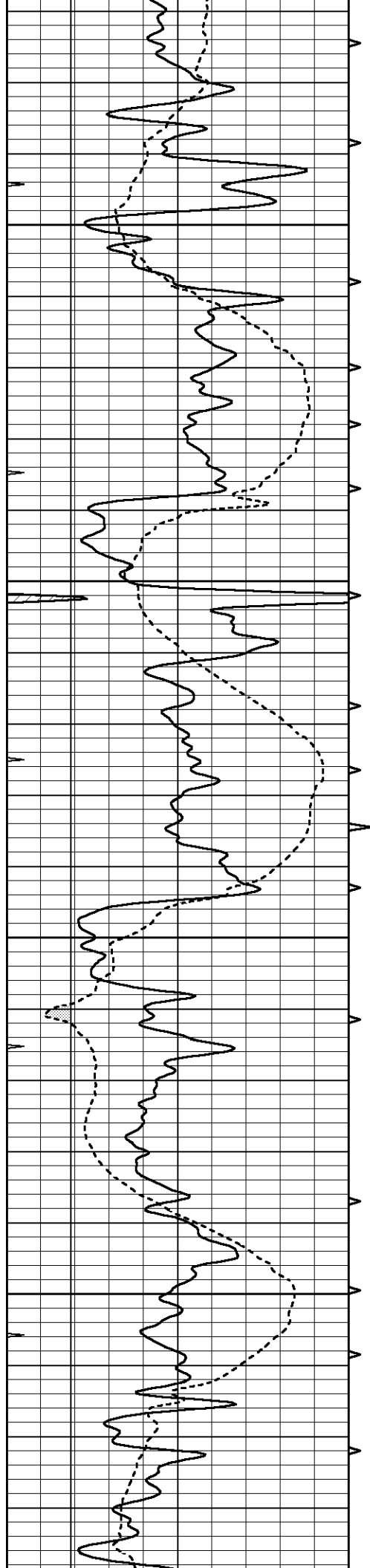
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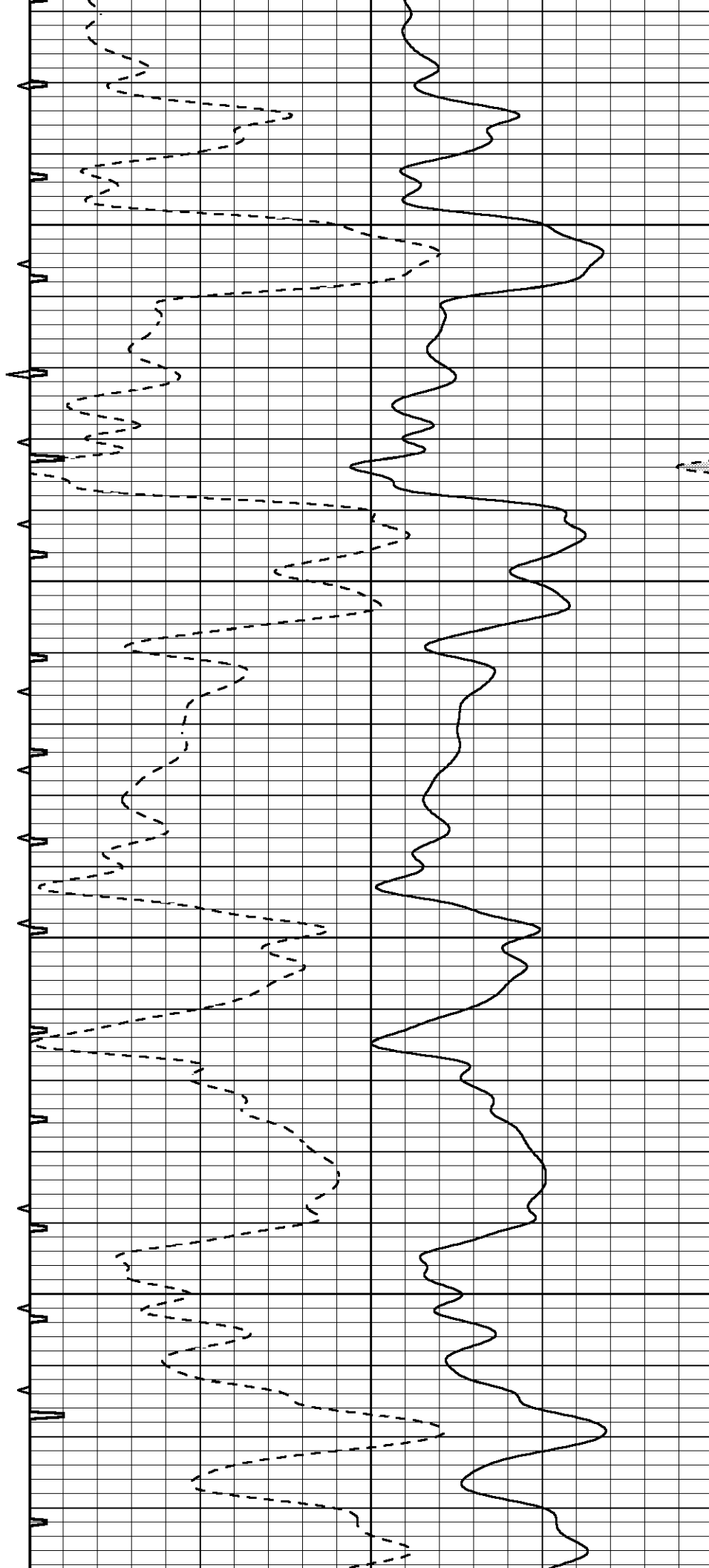


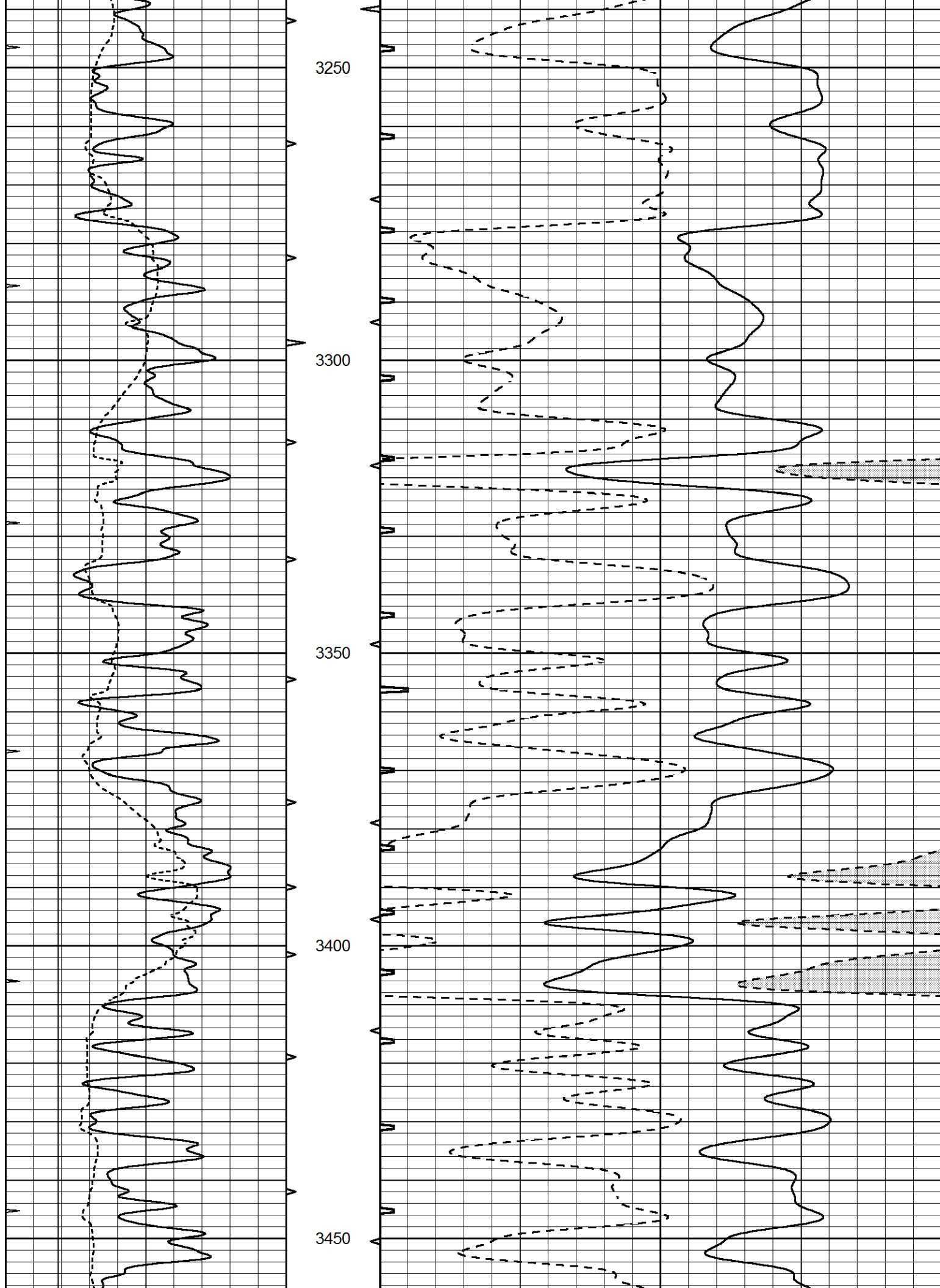
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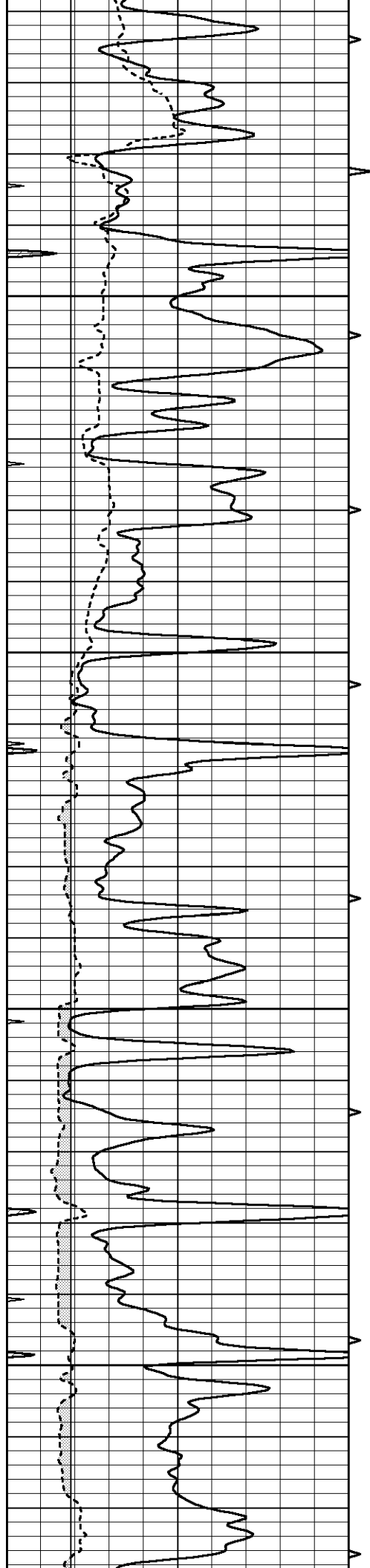
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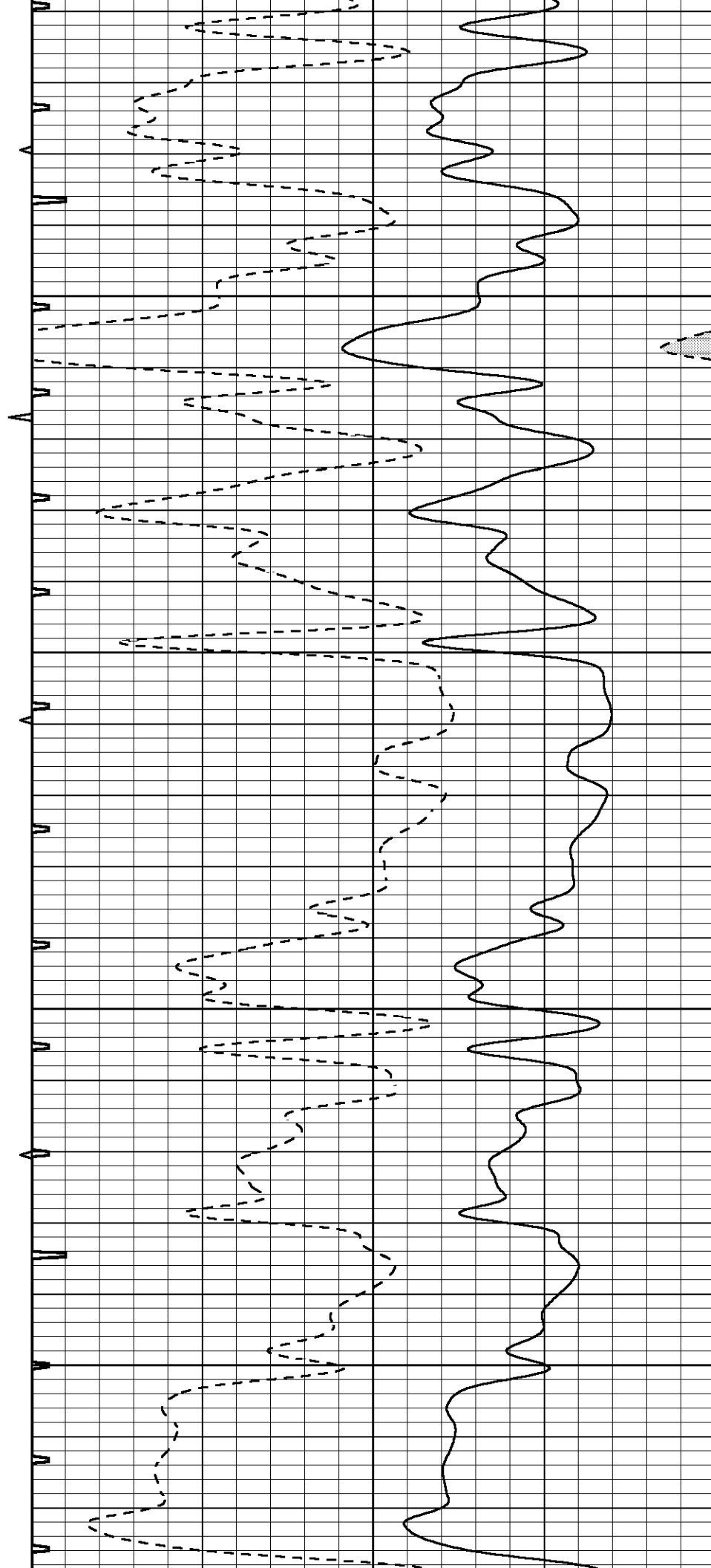


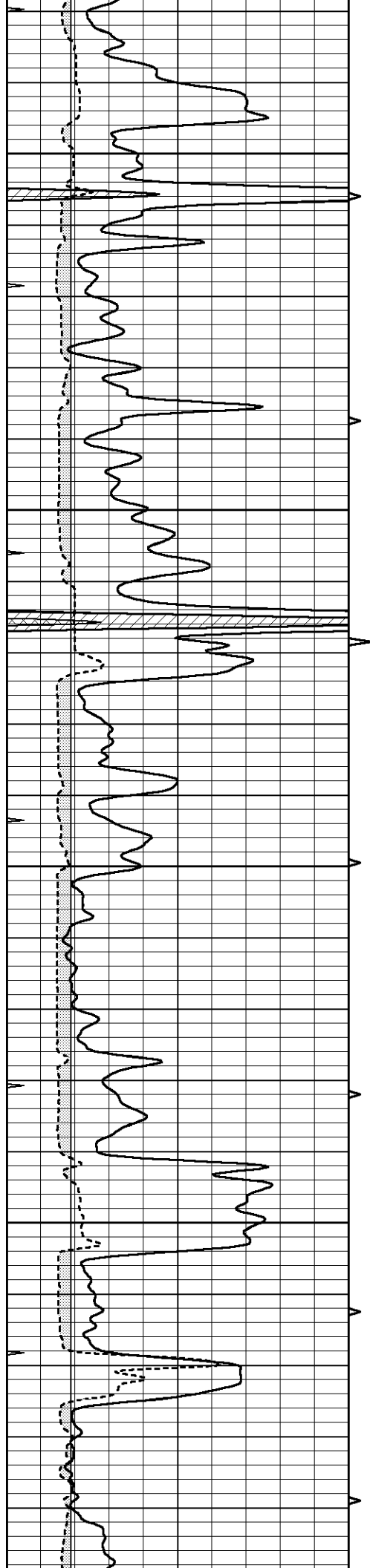
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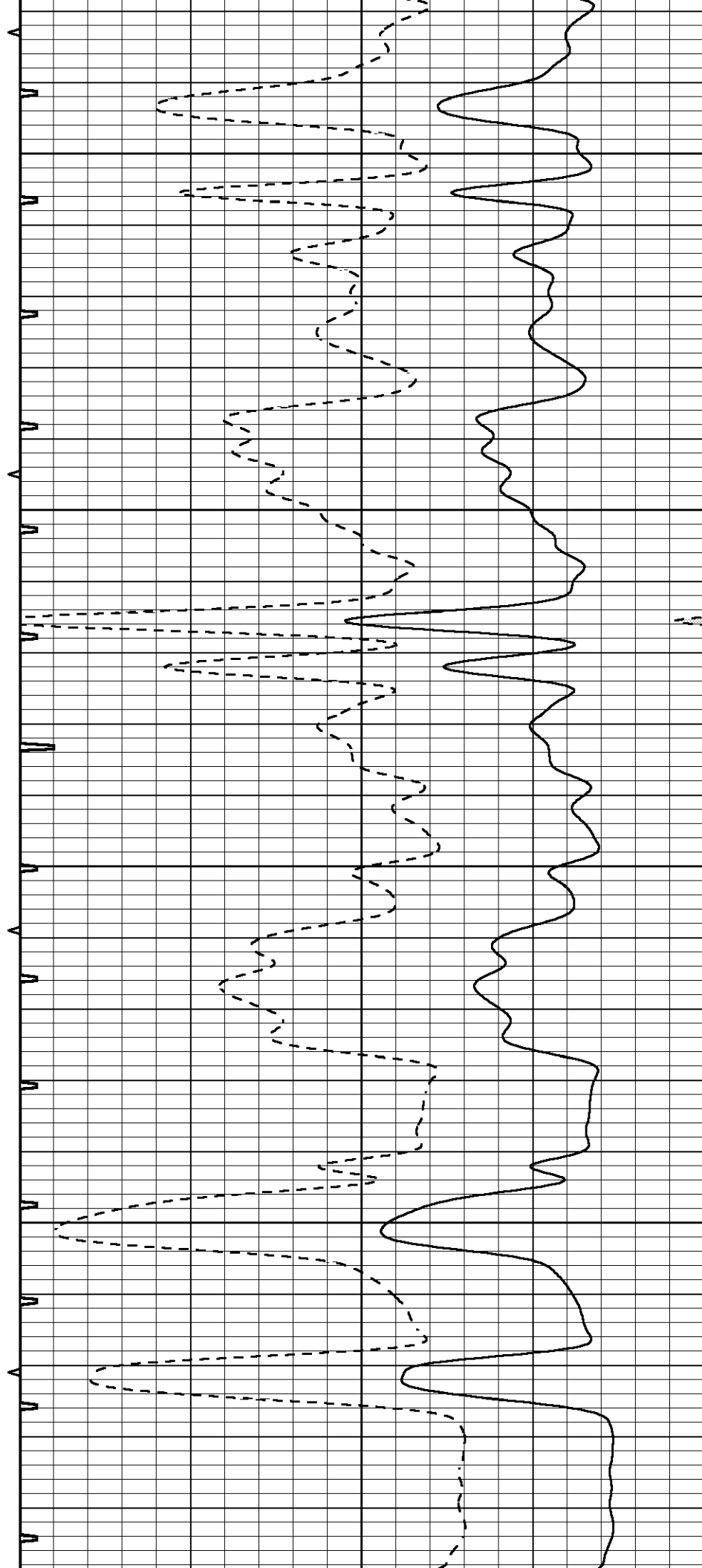


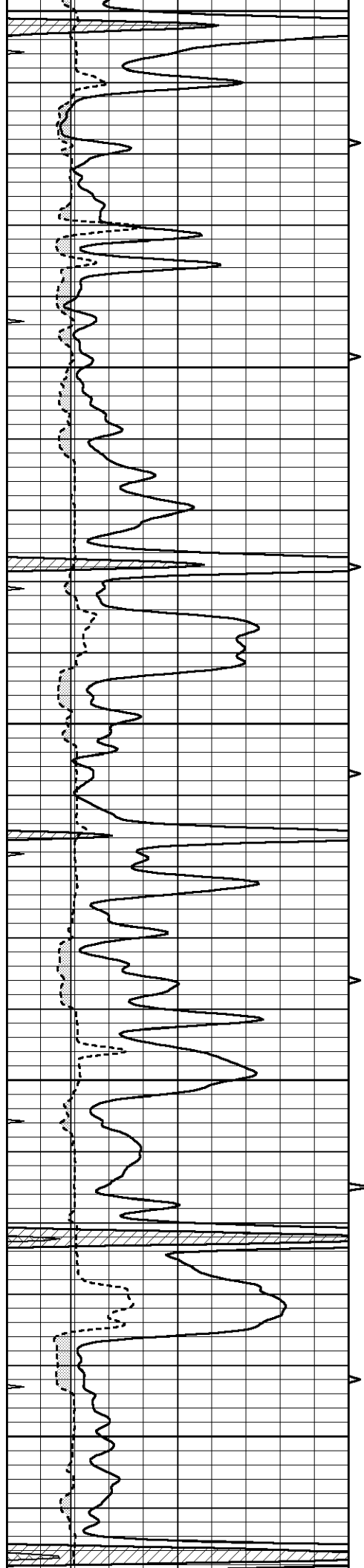
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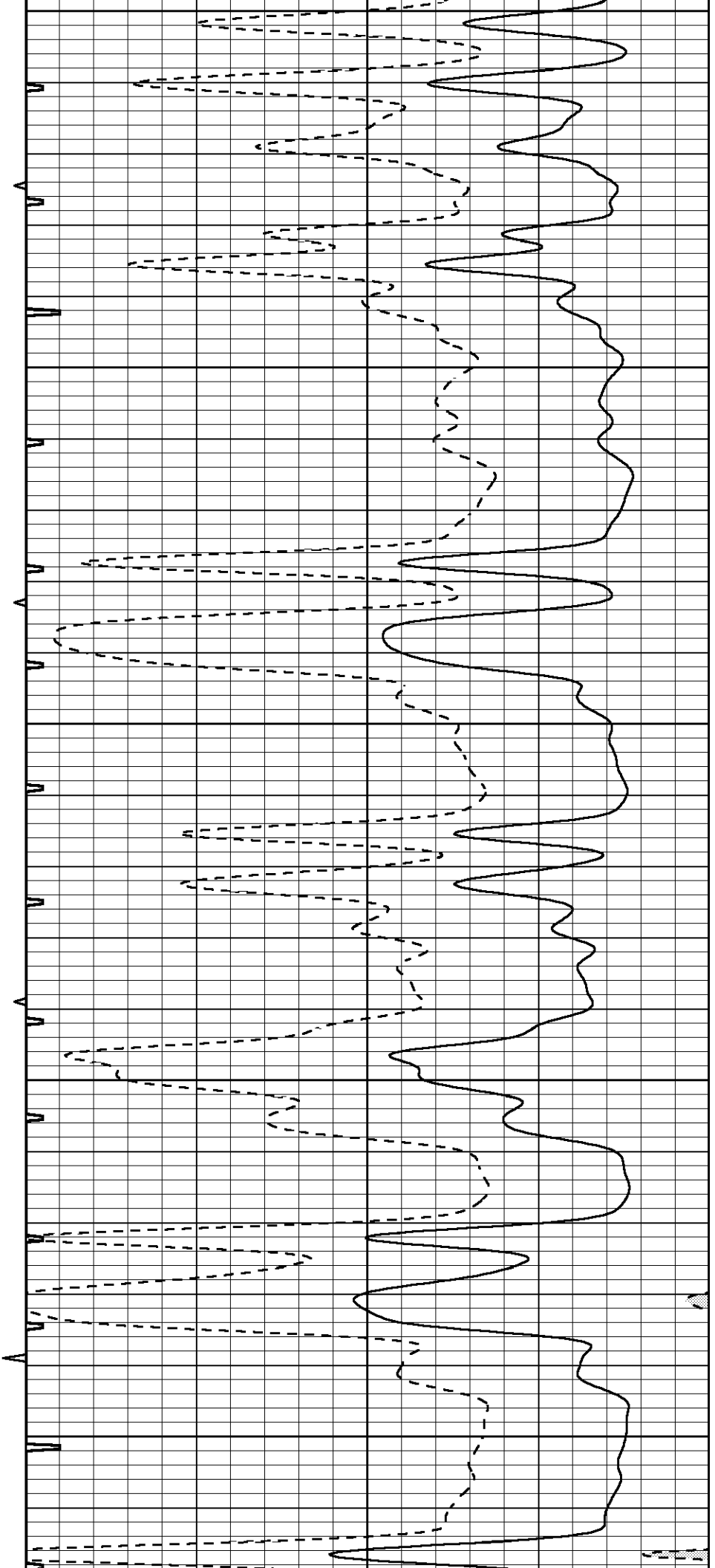
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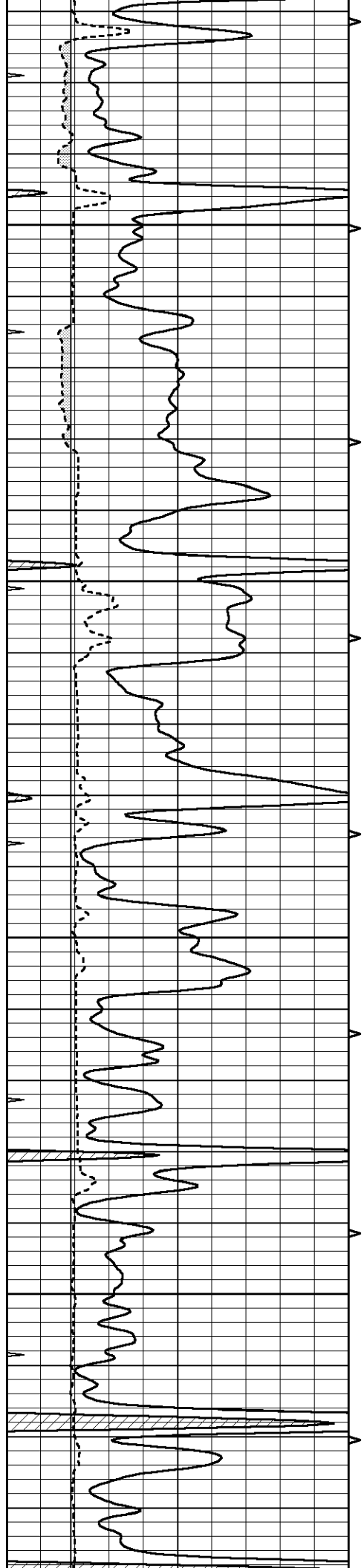
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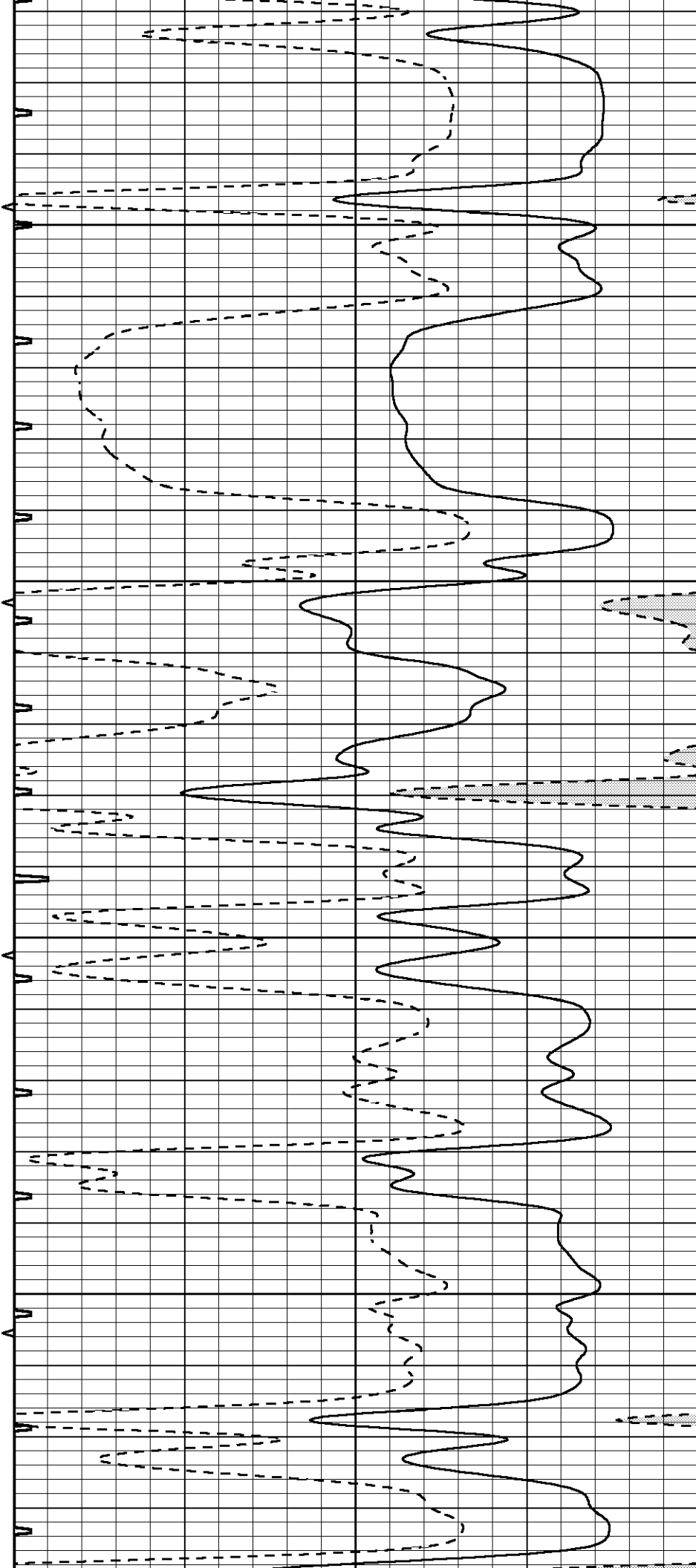


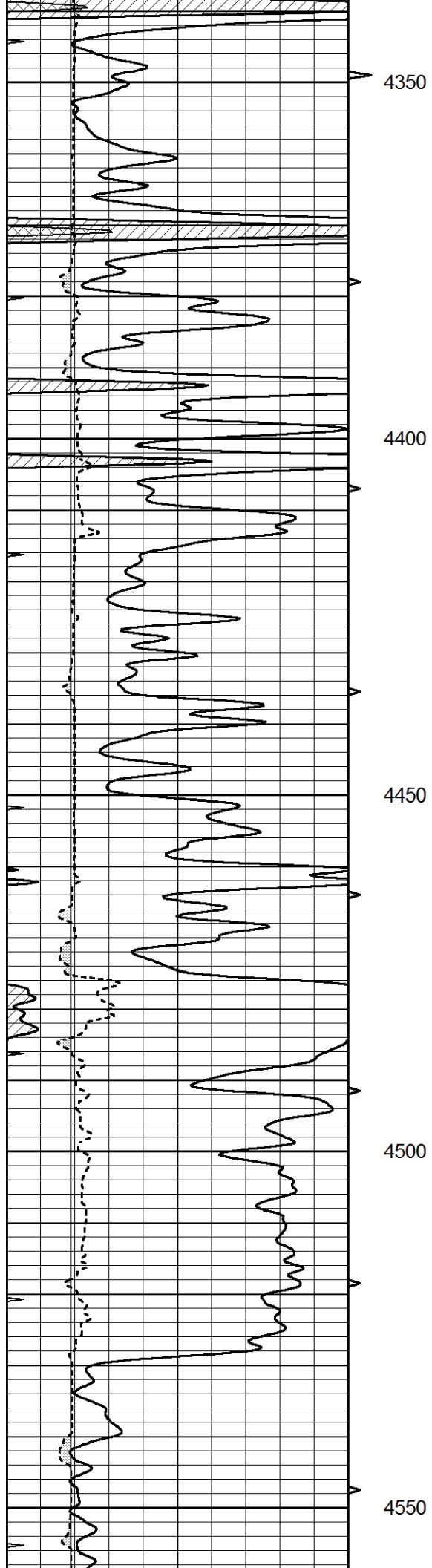
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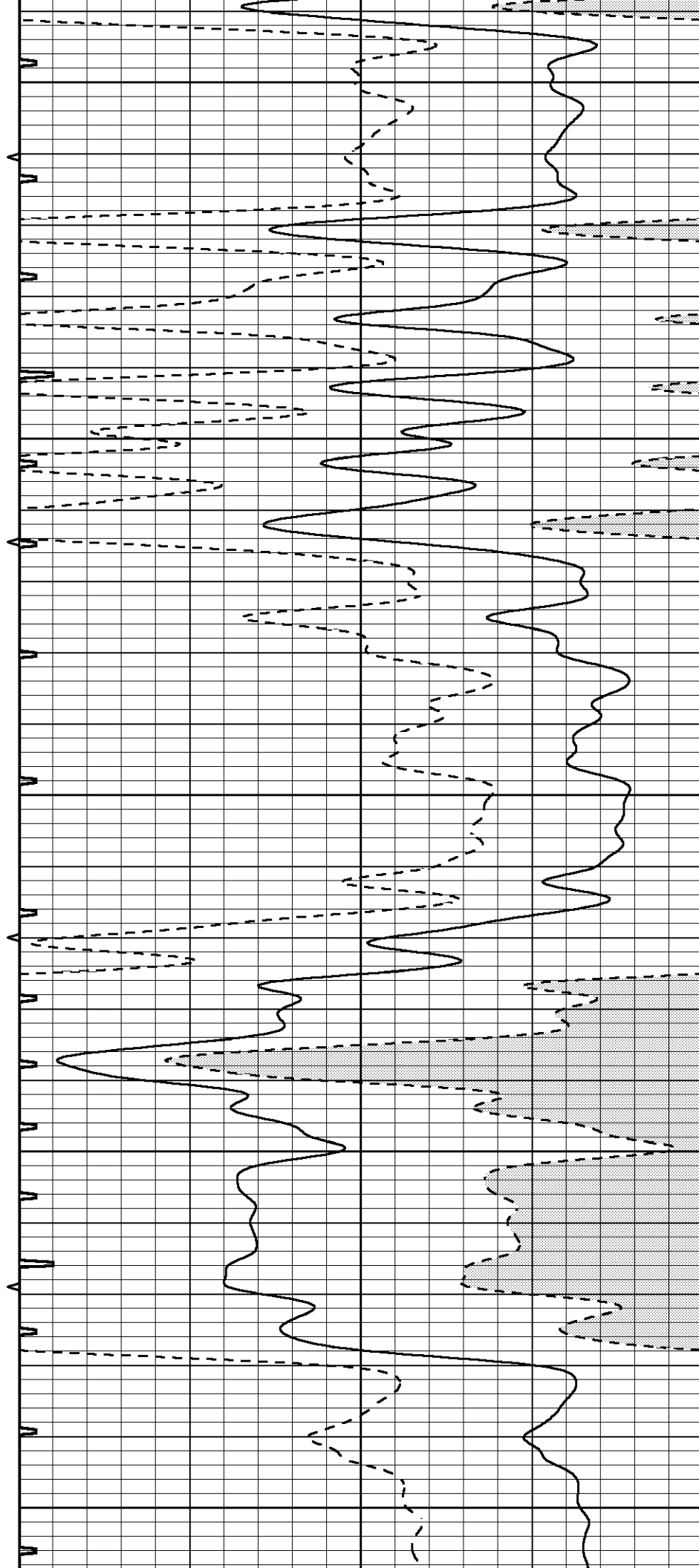
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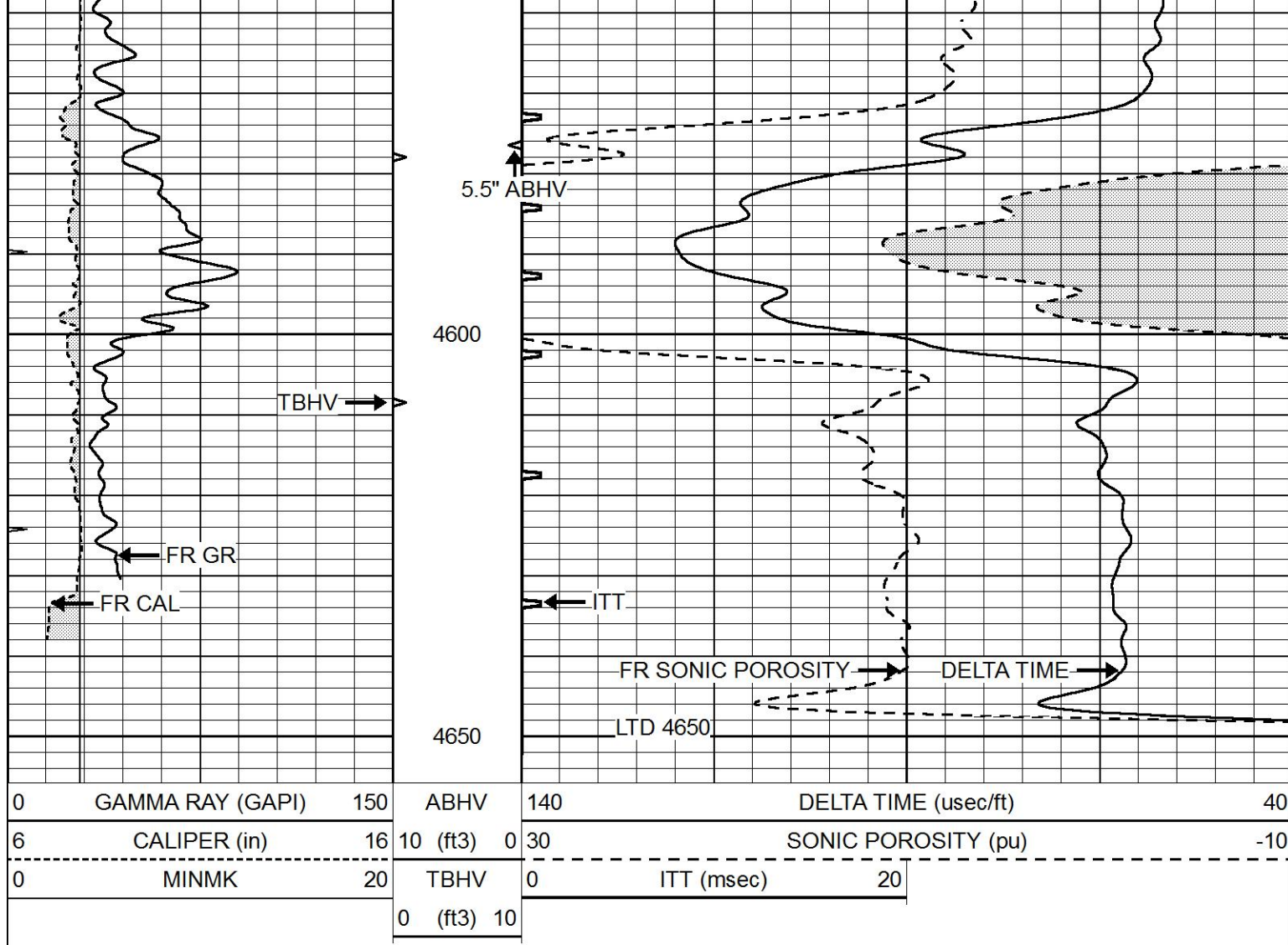
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REPEAT SECTION

Database File 4548ddn.db
 Dataset Pathname pass5.1
 Presentation Format slt
 Dataset Creation Mon Jun 29 00:05:53 2020
 Charted by Depth in Feet scaled 1:240

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