SONIC LOG

Company WOOLSEY OPERATING COMPANY, LLC.

Well SMARSH #1

Field SPIVEY-GRABS

County KINGMAN State KANSAS

Location: API # : 15-095-22329-0000
520' FNL & 2470' FEL
W/2 - NW - NE
SEC 21 TWP 30S RGE 7W

Permanent Datum GROUND LEVEL Elevation 1512
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL

Elevation
K.B. 1520
D.F. 1518
G.L. 1512

Company	WOOLSEY OPERATING CO., LLC.		
Well	SMARSH #1		
Field	SPIVEY-GRABS		
County	KINGMAN		
State	KANSAS		
Date	12/19/18		
Run Number	TWO		
Depth Driller	4352		
Depth Logger	4347		
Bottom Logged Interval	4339		
Top Log Interval	200		
Casing Driller	8 5/8"@263'		
Casing Logger	263		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,000 PPM	
Density / Viscosity	9.0/59		
pH / Fluid Loss	11.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.400@80F		
Rmf @ Meas. Temp	.300@80F		
Rmc @ Meas. Temp	.480@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.269@119F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	10:15 P.M.		
Maximum Recorded Temperature	119F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	BILL KLAVER		

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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, KANSAS (785) 628-6395

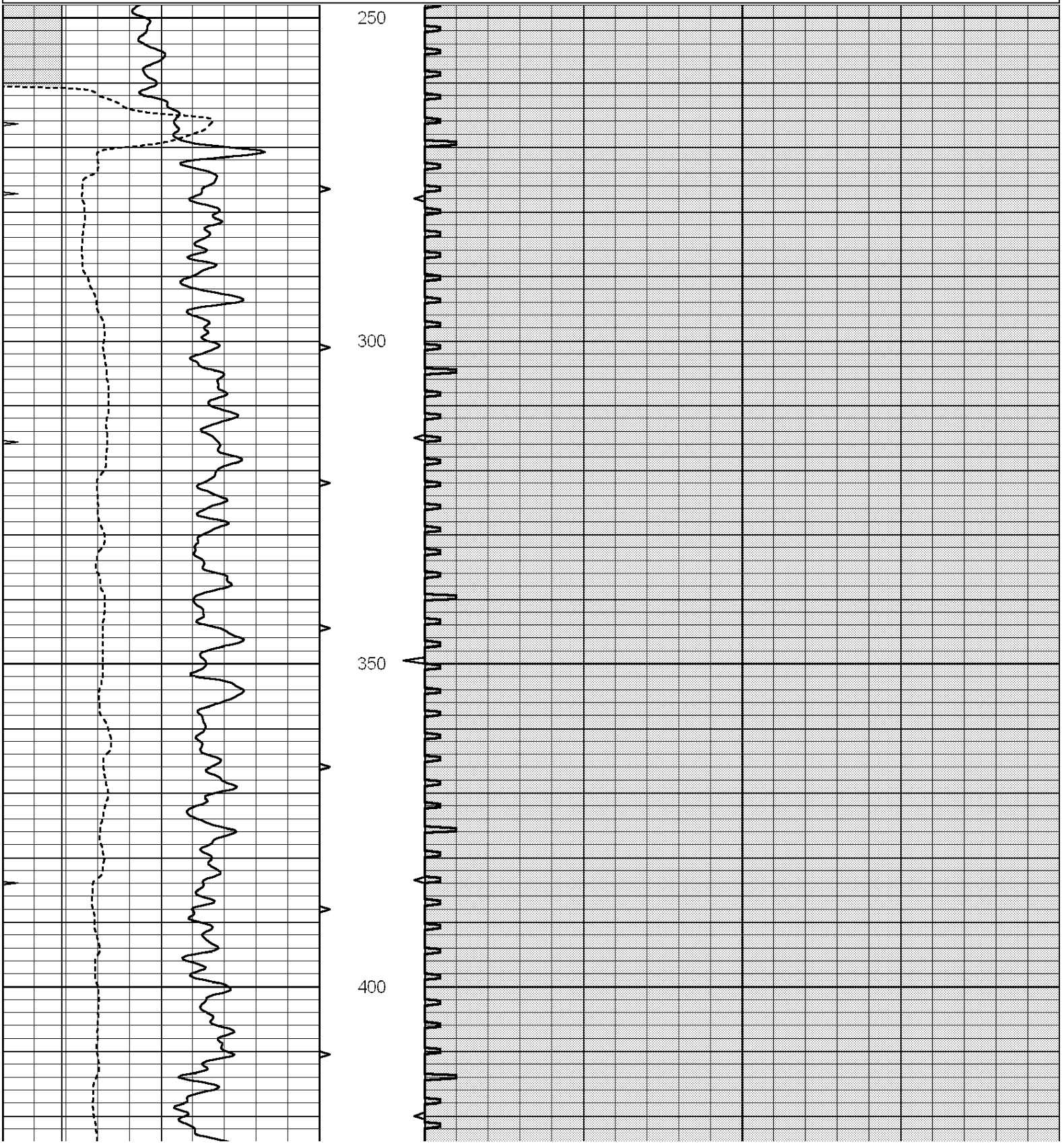
DIRECTIONS

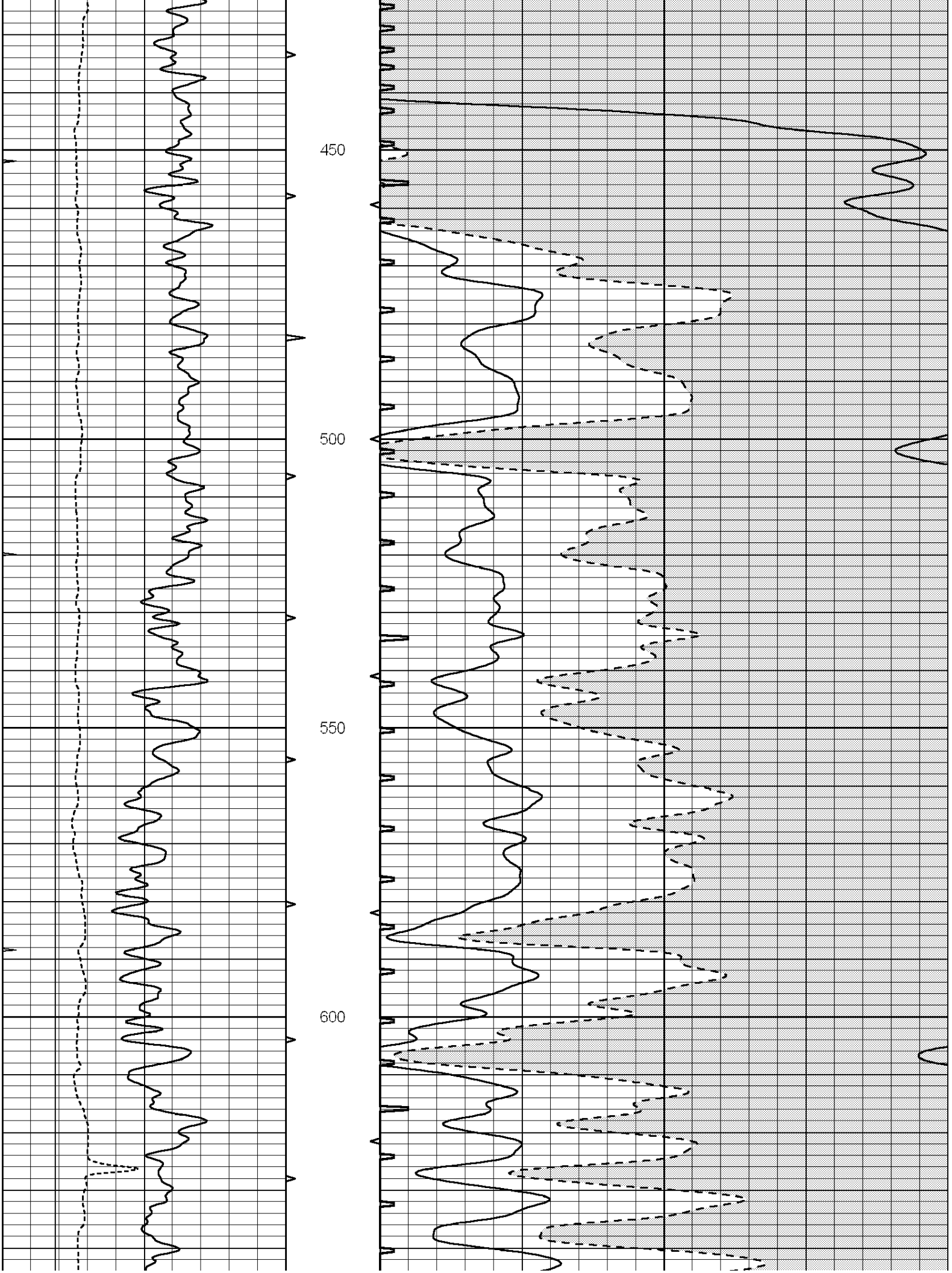
RAGO, KS., 2S. ON HWY 14. 1/2W., S. INTO

MAIN SECTION

Database File: 3075pe.db
Dataset Pathname: pass7.2
Presentation Format: slt
Dataset Creation: Wed Dec 19 23:55:56 2018
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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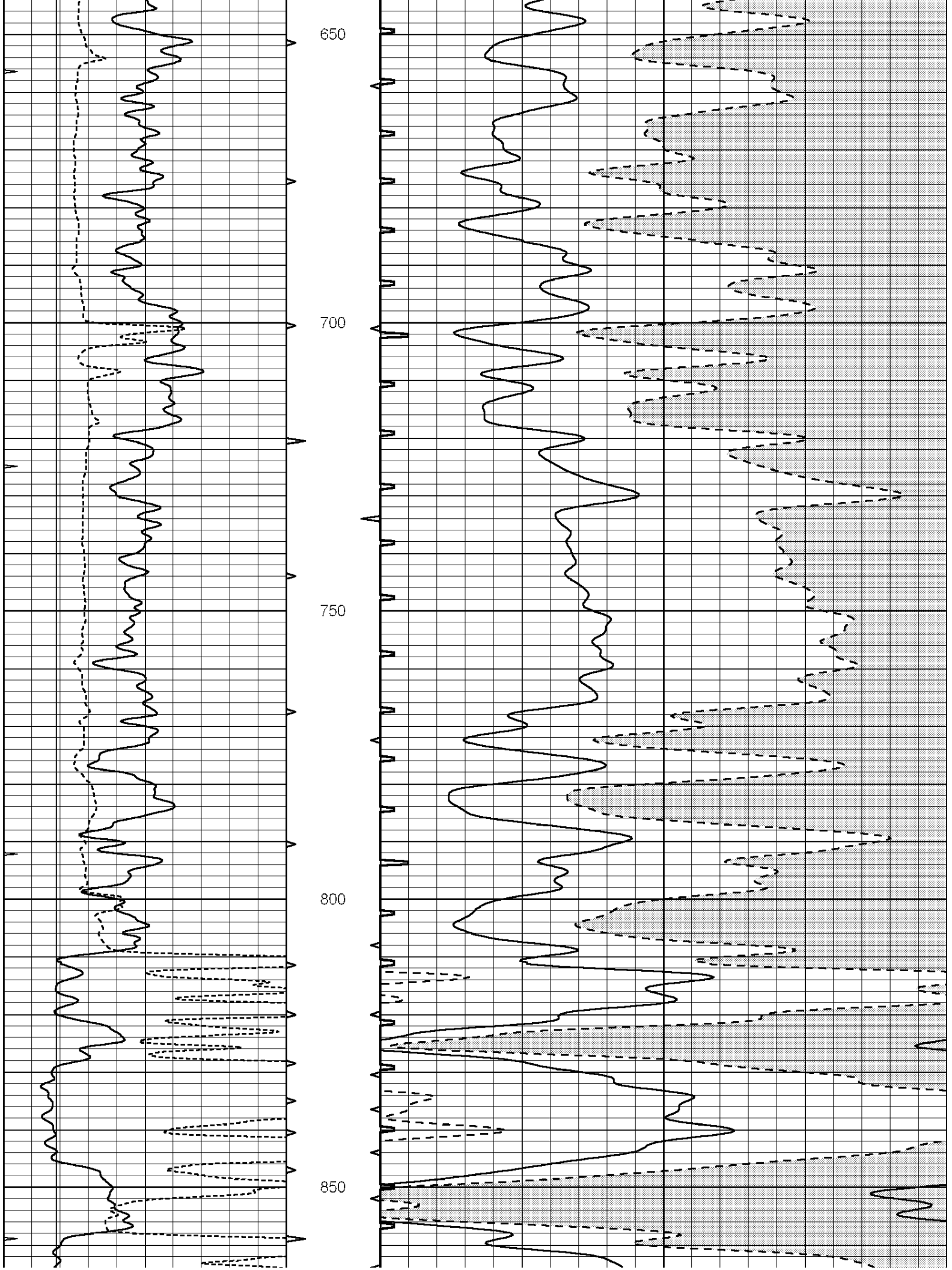
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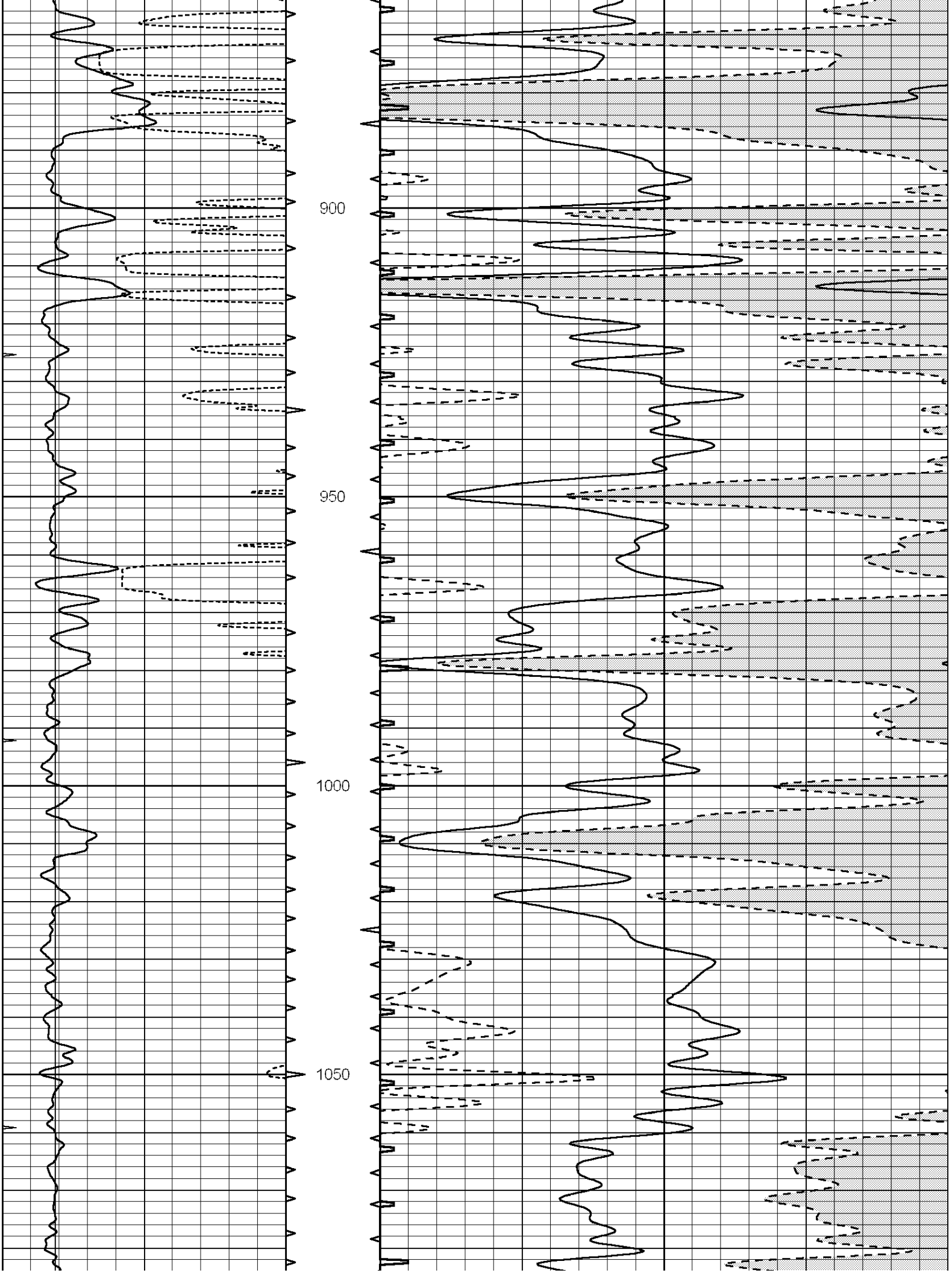
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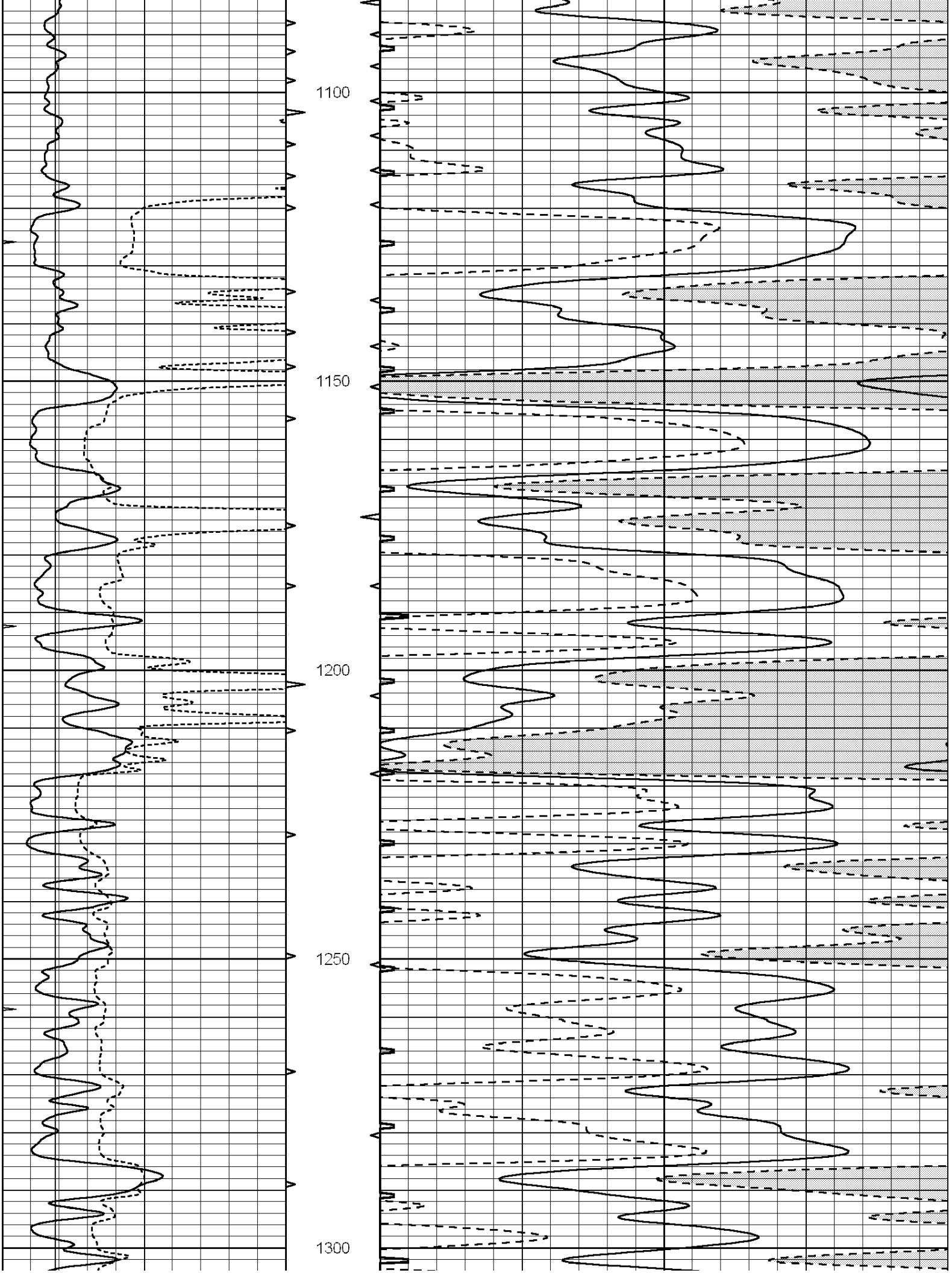
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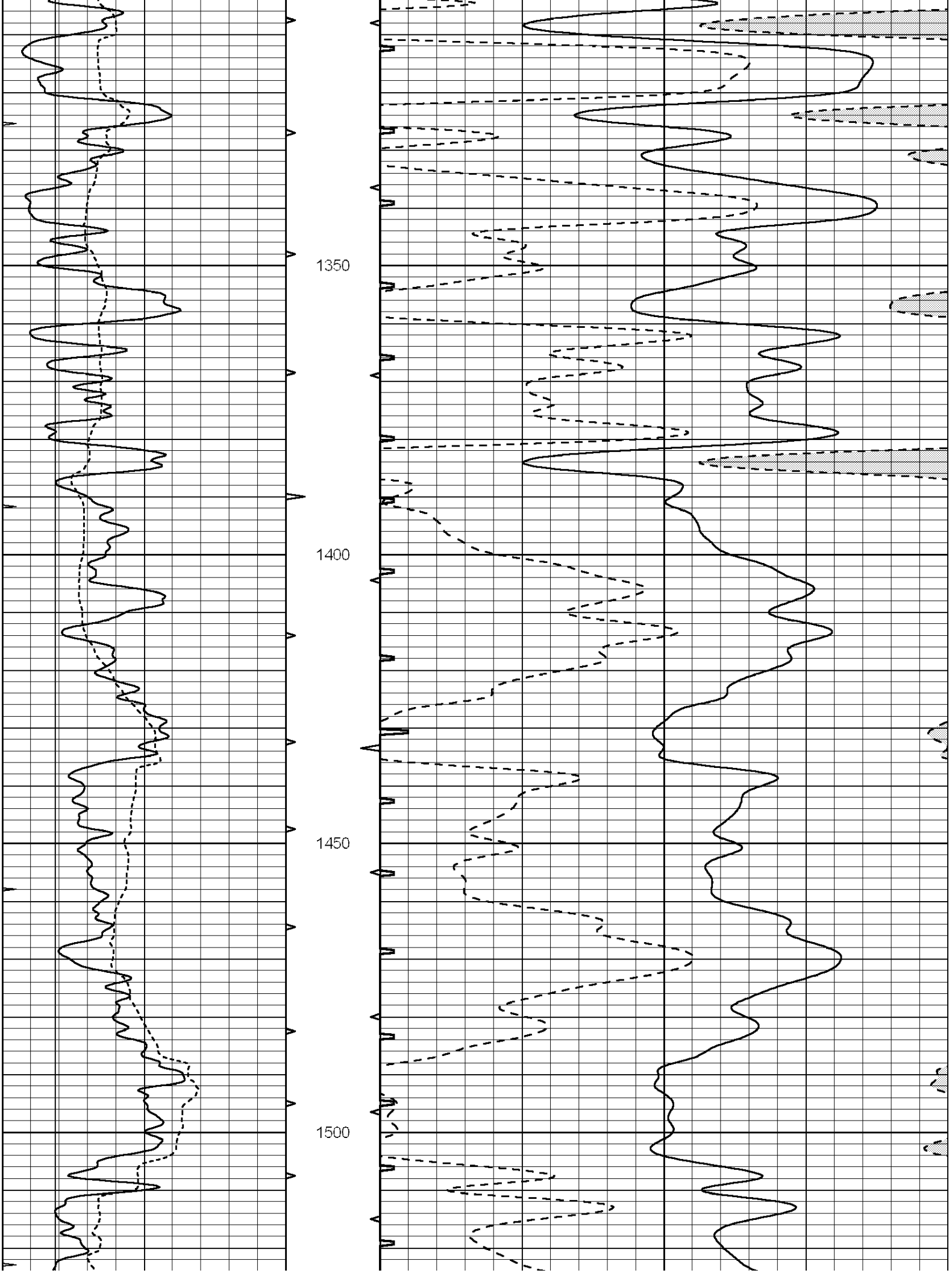
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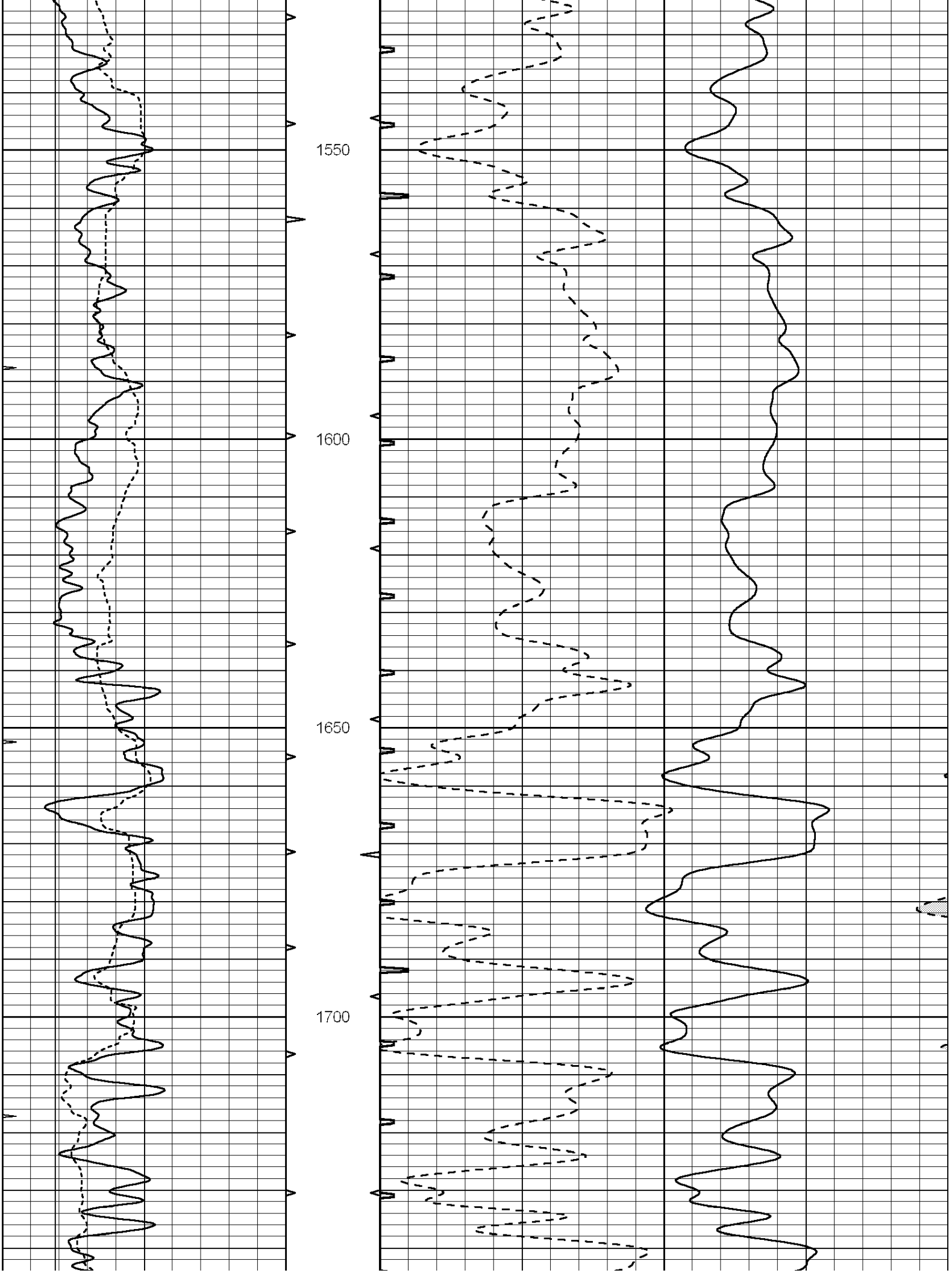
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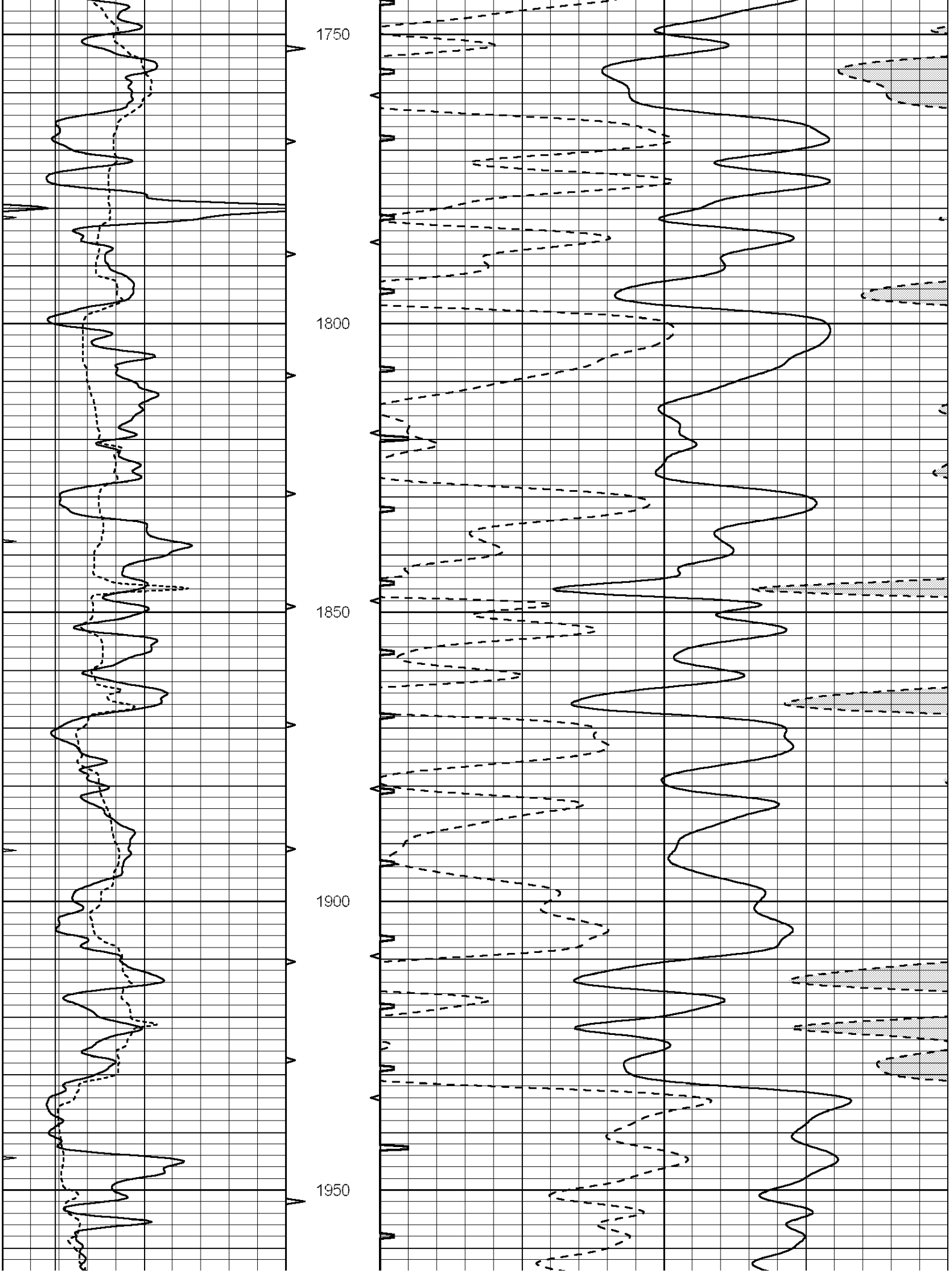
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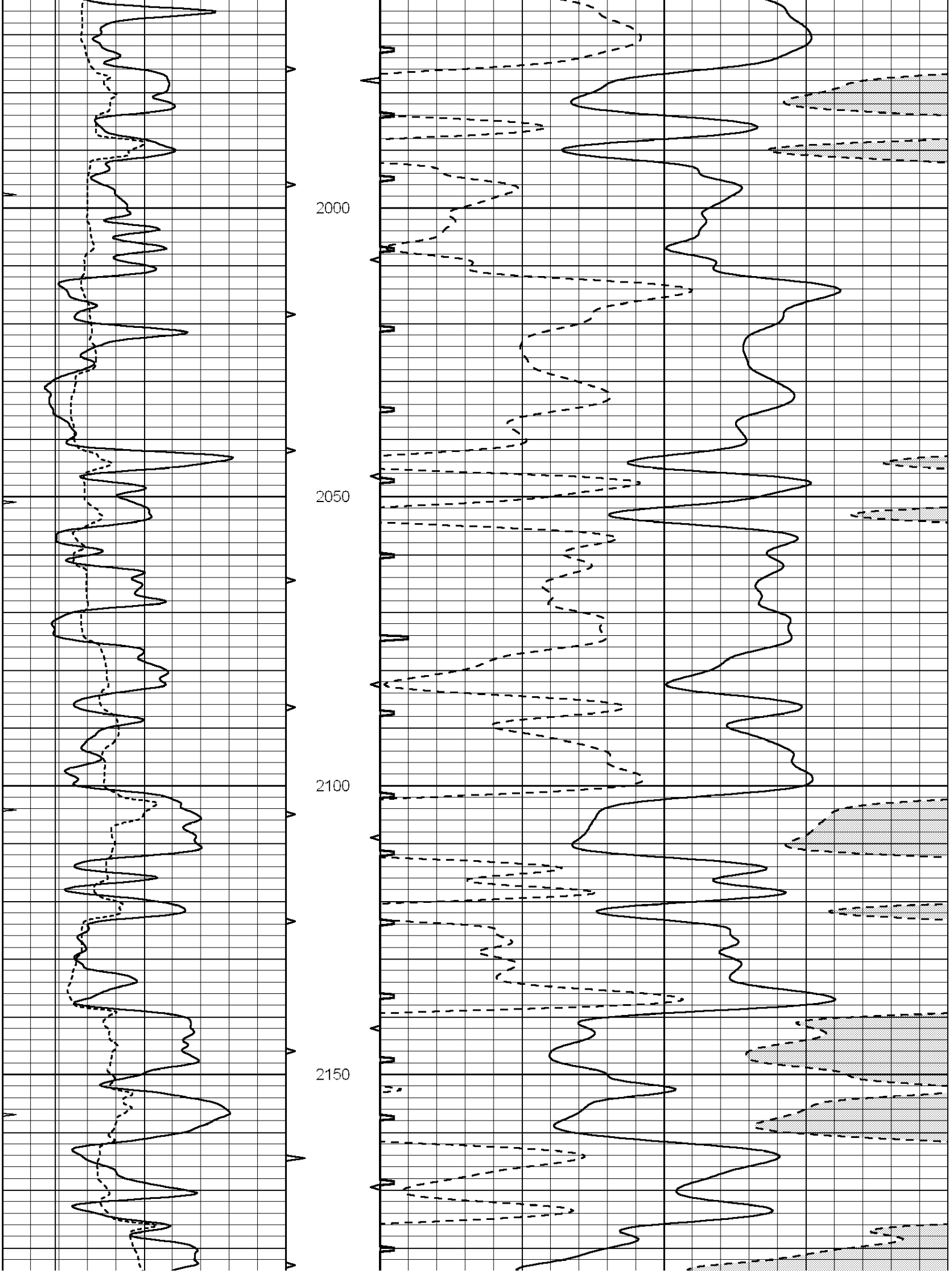
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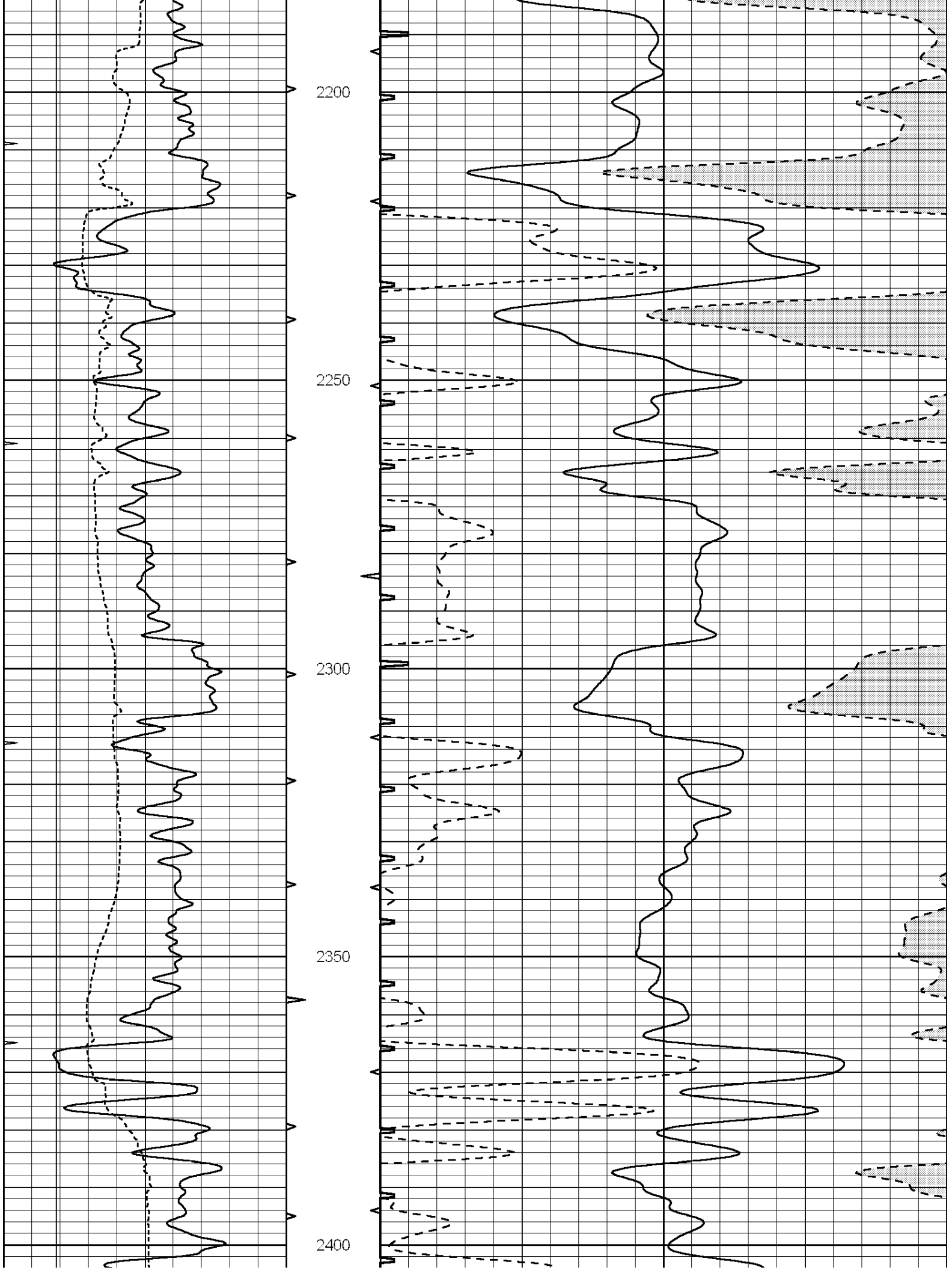
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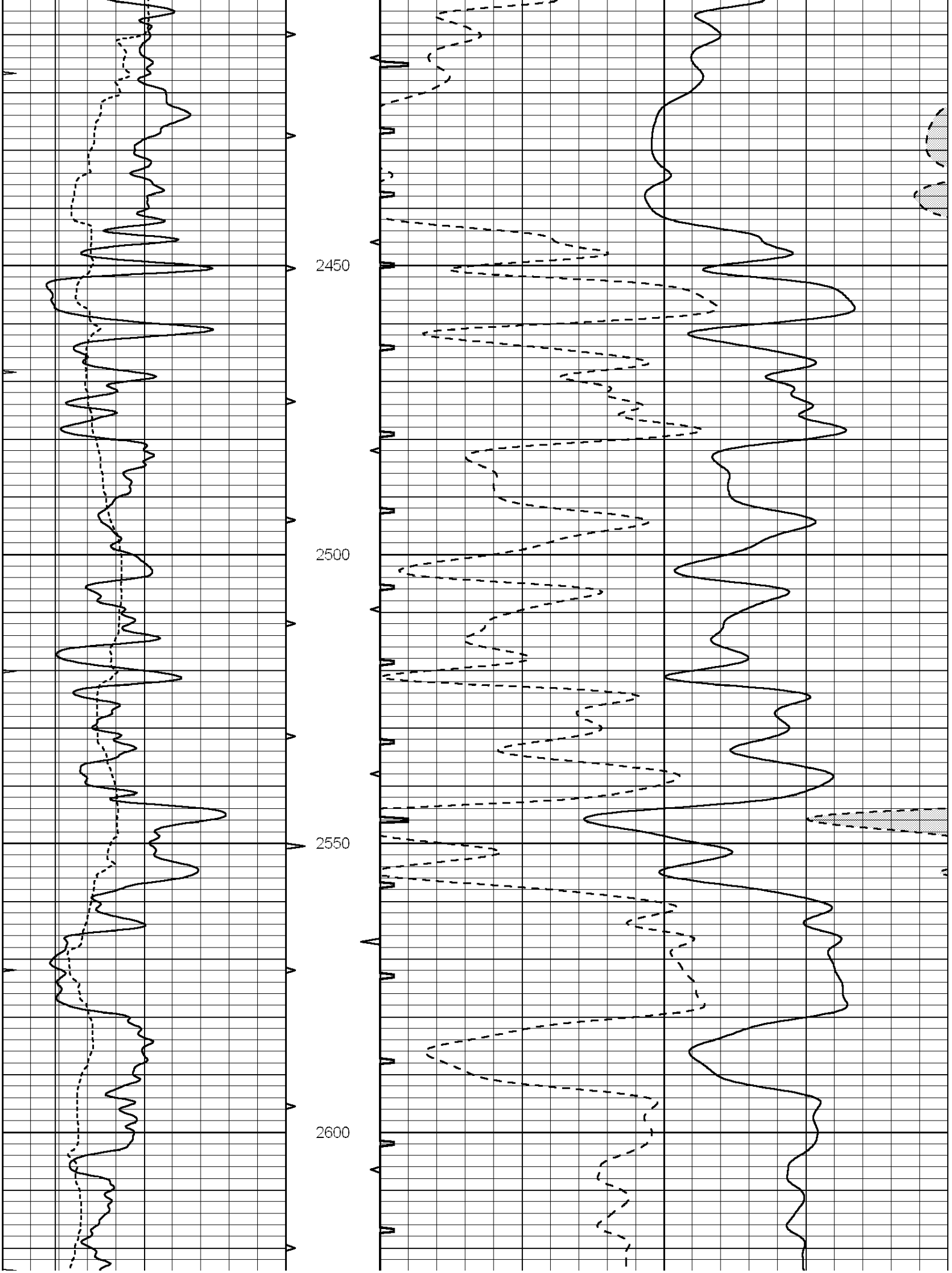
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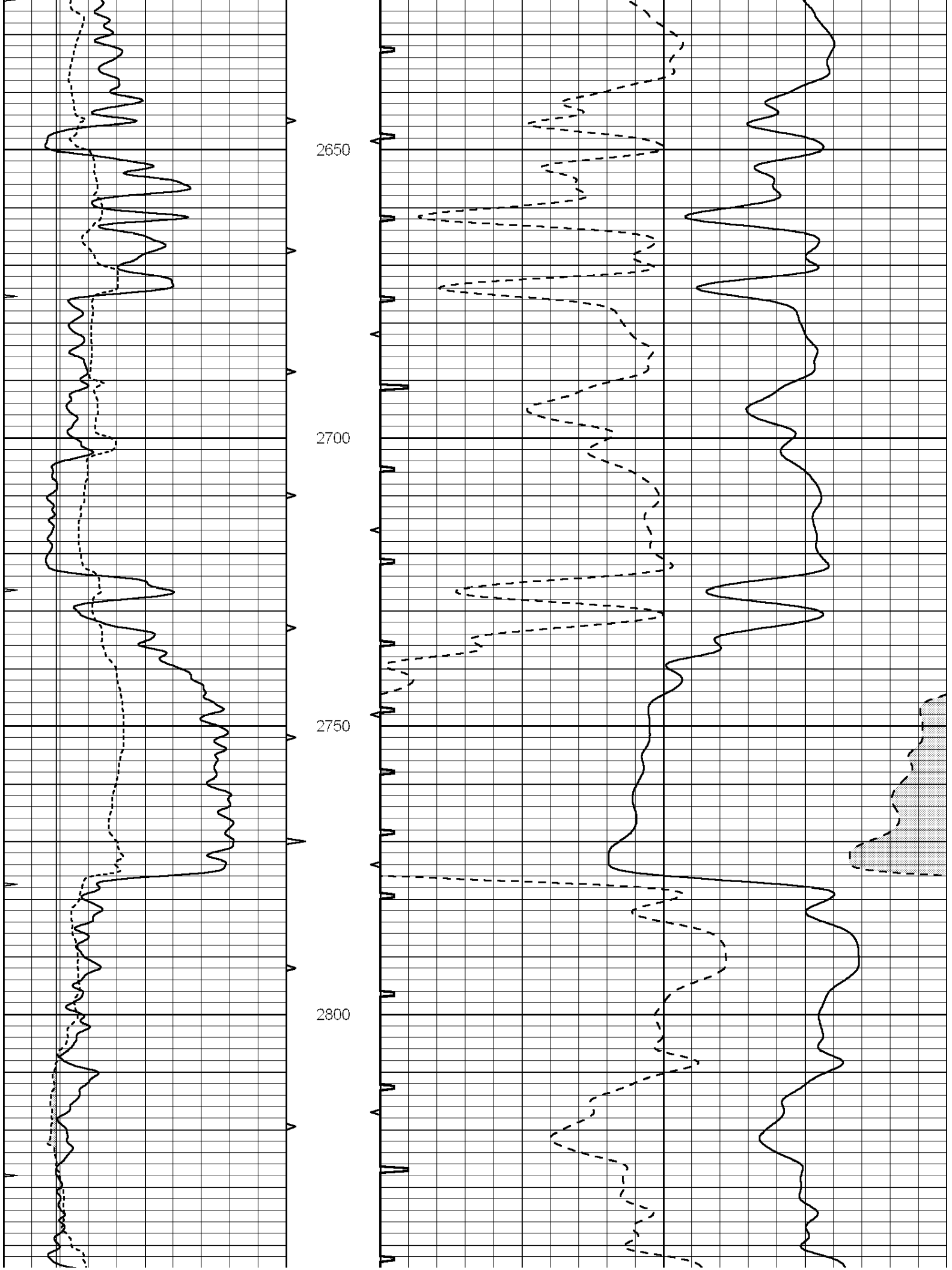
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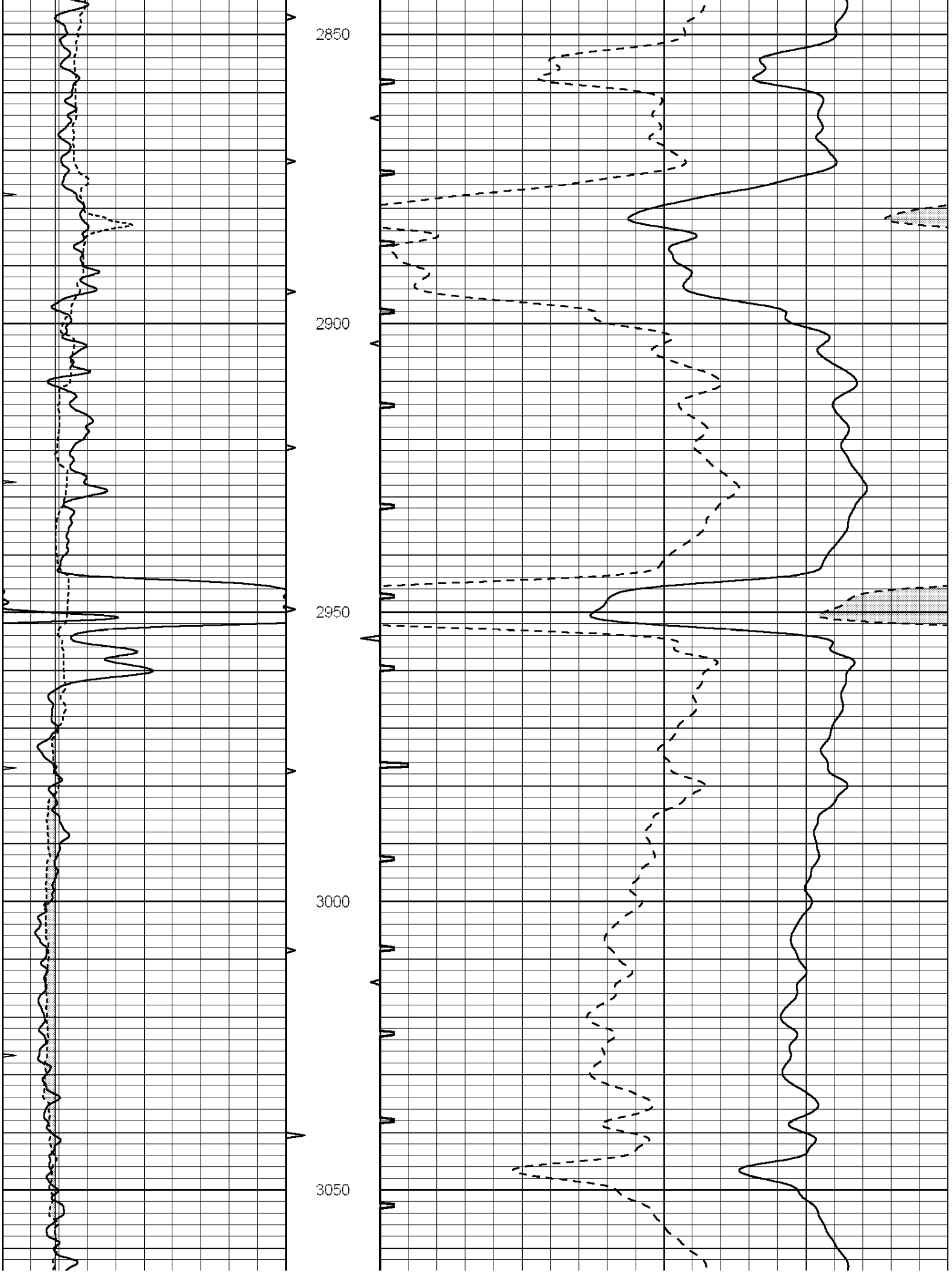
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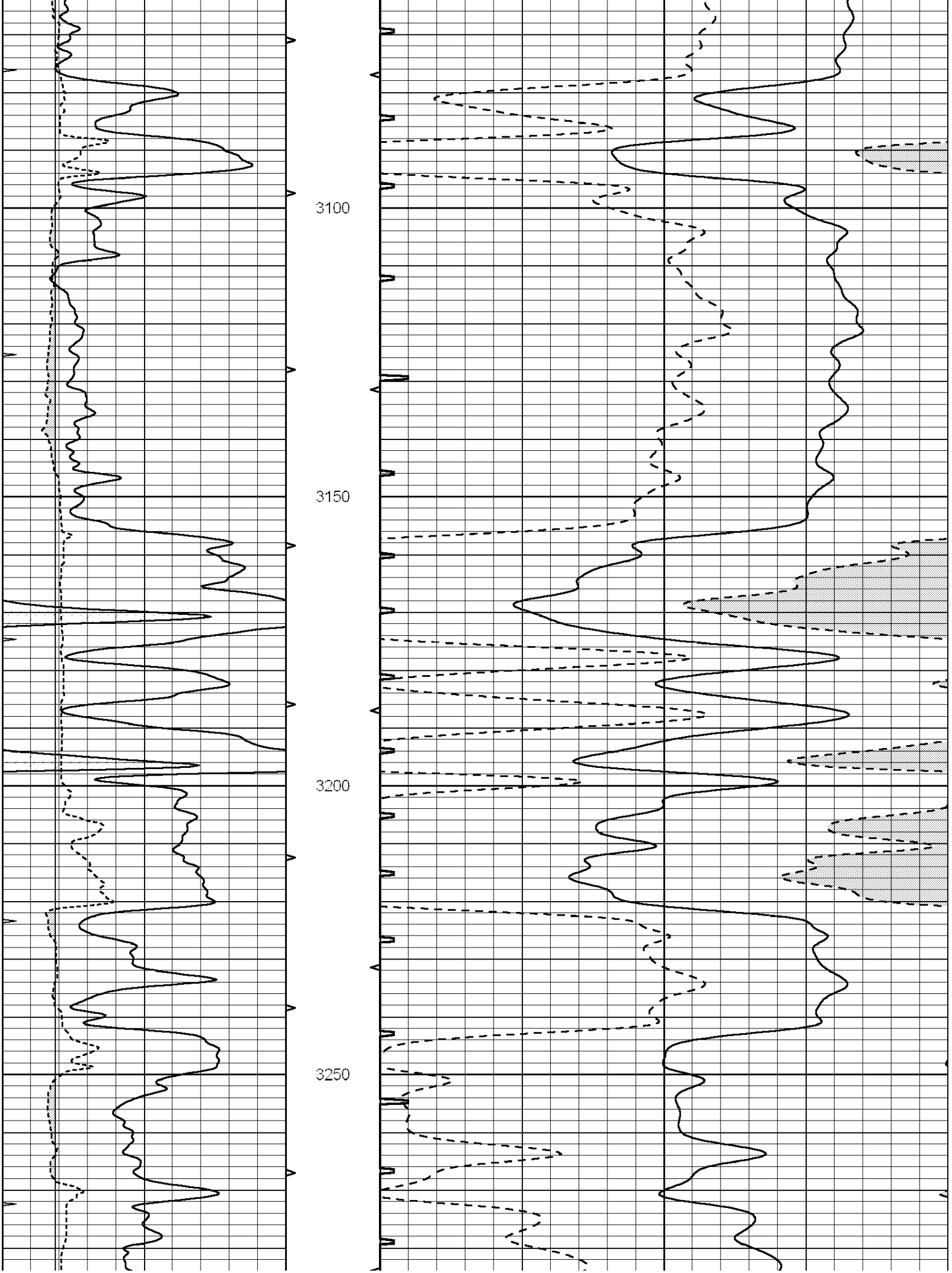
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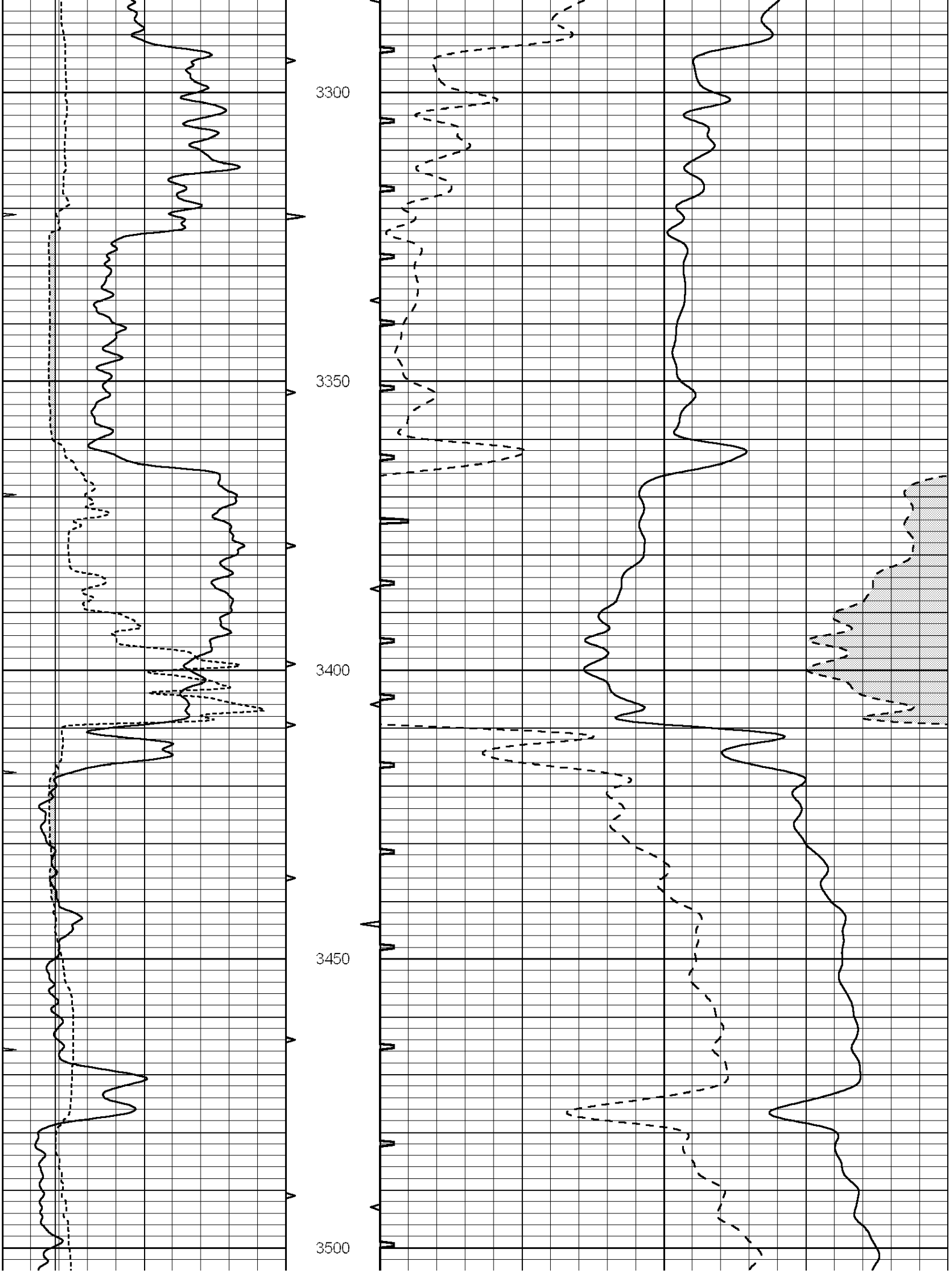
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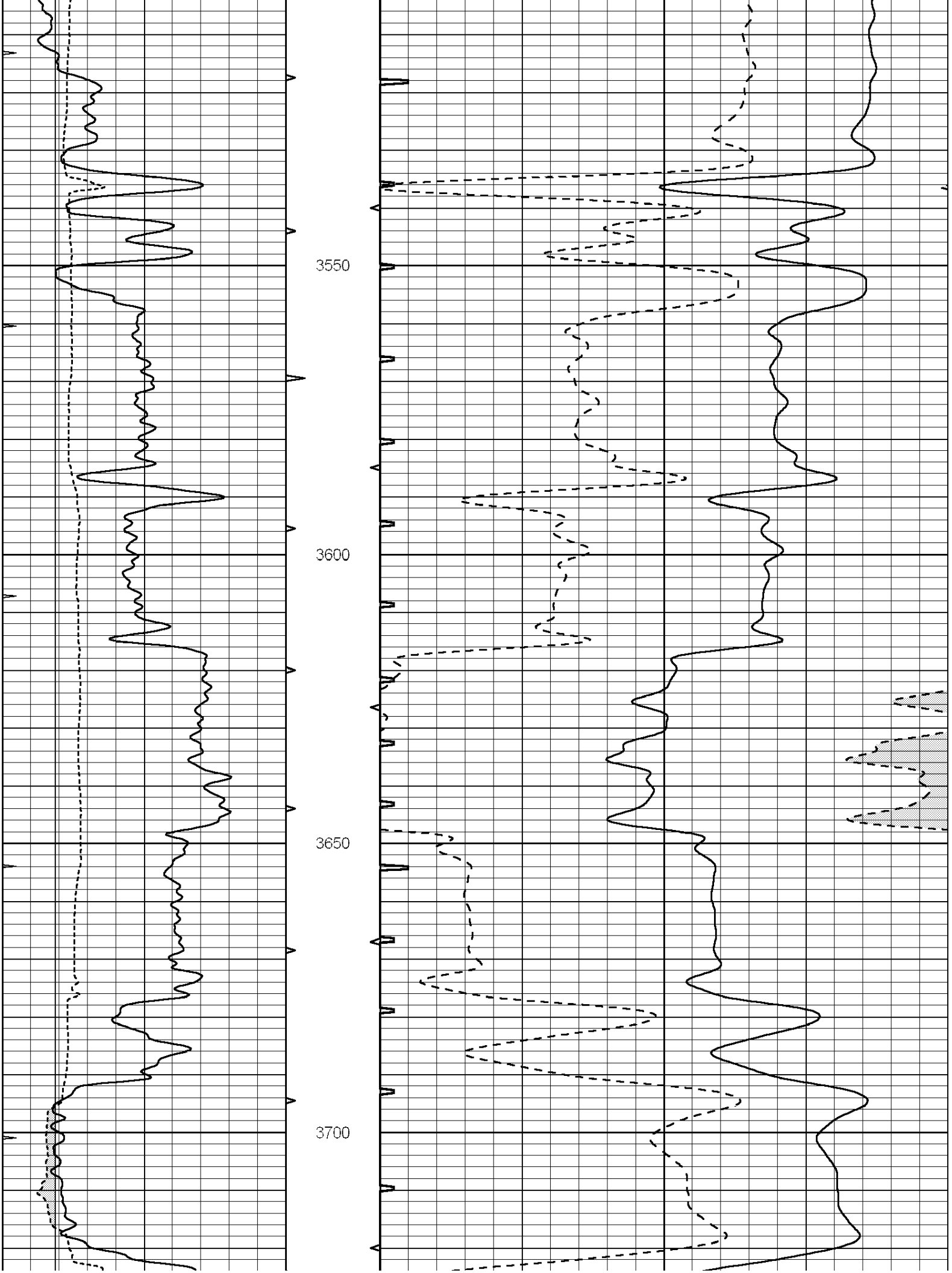
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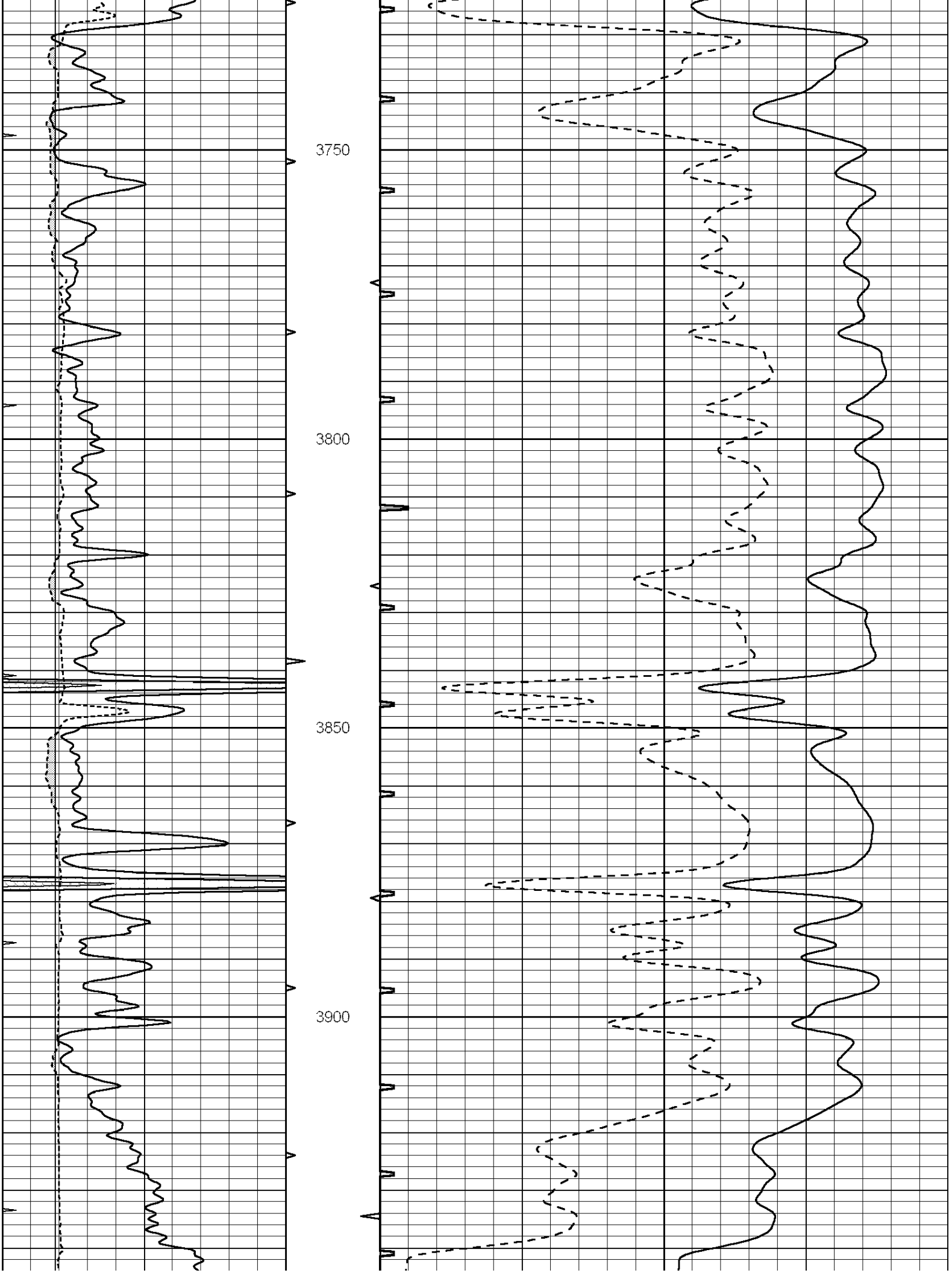
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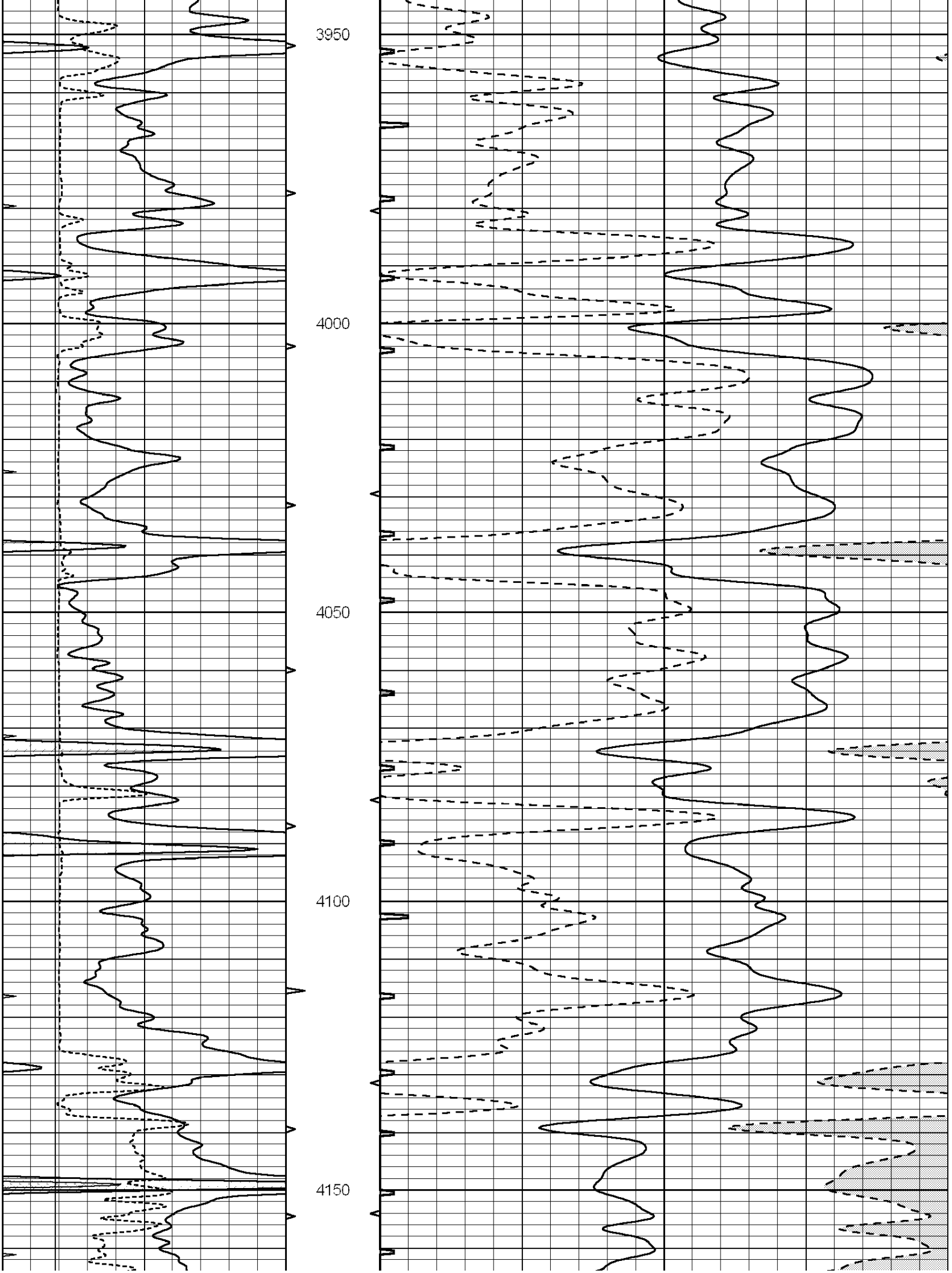
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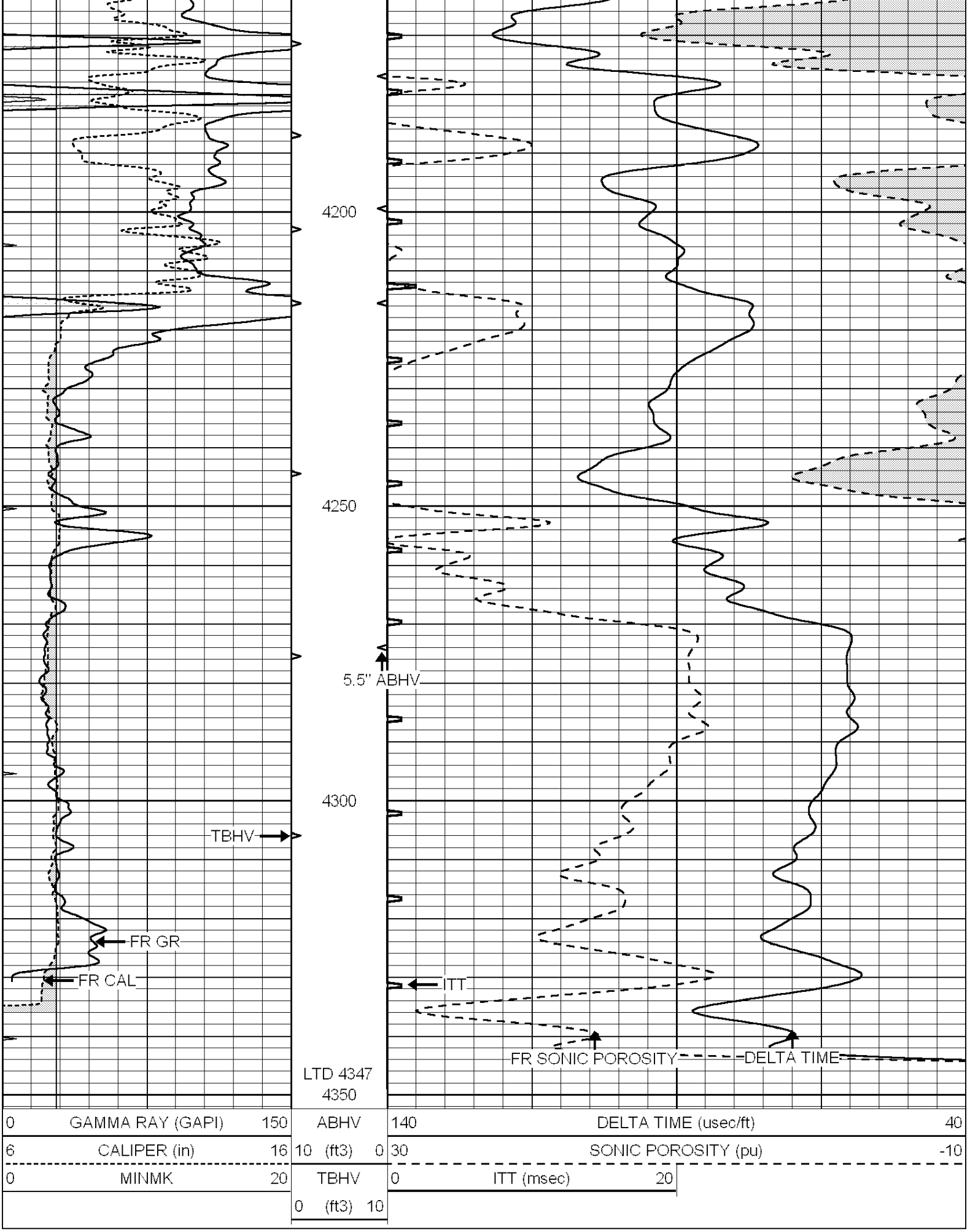
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FR GR
FR CAL
ITT
FR SONIC POROSITY
DELTA TIME
LTD 4347
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0 GAMMA RAY (GAPI) 150
6 CALIPER (in) 16
0 MINMK 20
ABHV
10 (ft3) 0
TBHV
0 (ft3) 10
140 DELTA TIME (usec/ft) 40
30 SONIC POROSITY (pu) -10
0 ITT (msec) 20

REPEAT SECTION

Database File:	3075pe.db
Dataset Pathname:	pass6.3
Presentation Format:	slt
Dataset Creation:	Wed Dec 19 22:44:57 2018 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -10
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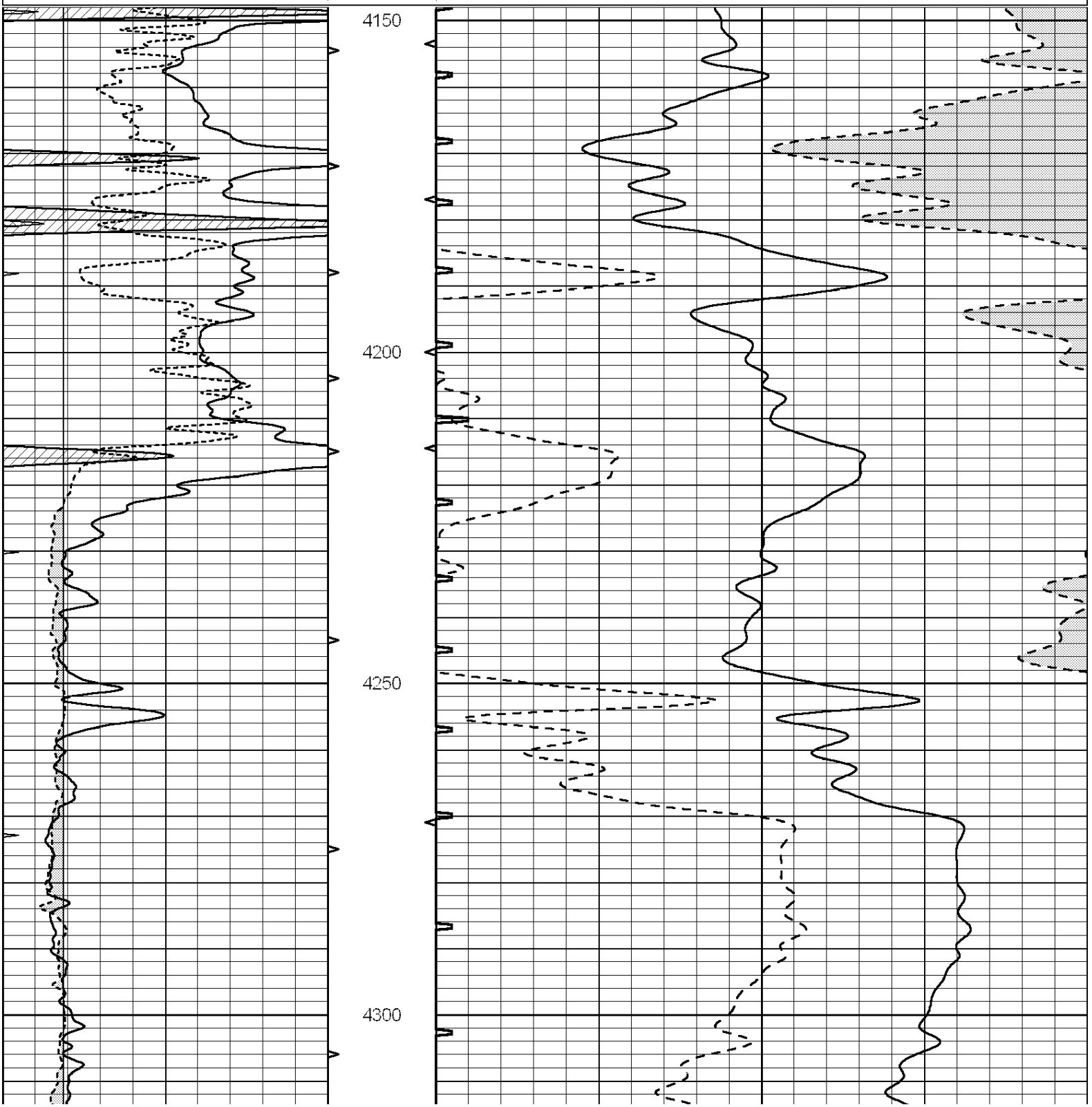
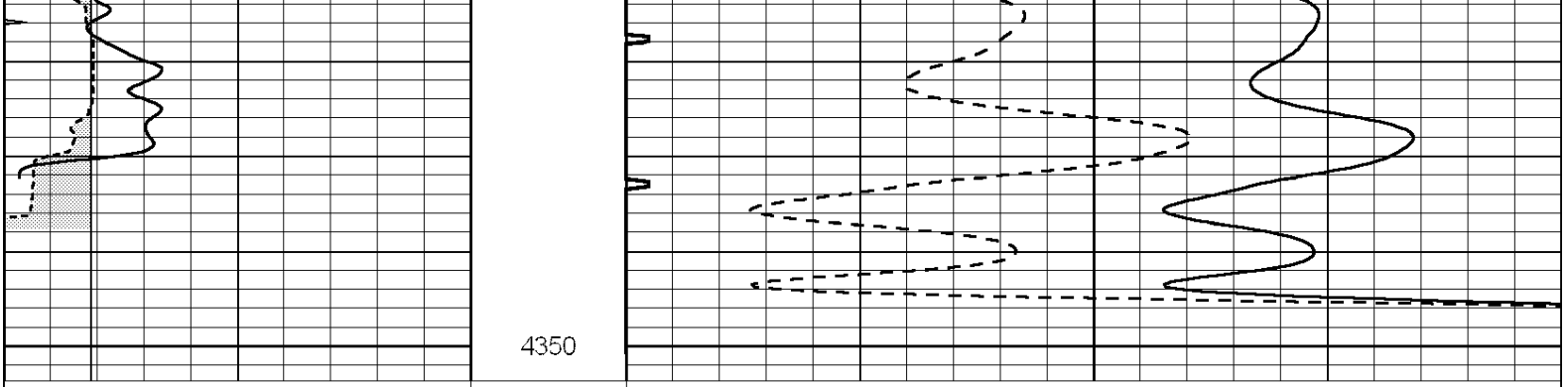
			0 (ft3) 10		





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6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -10
0	MINMK	20	TBHV	0	ITT (msec) 20
			0 (ft3) 10		