SUPERIOR
Hays,
Kansas

SONIC LOG

Company PIONEER RESOURCES
Well FOUNDATION #1
Field LAZY OK SOUTH
County PHILLIPS State KANSAS

Location: API # : 15-147-20672

990' FNL & 440' FEL

SEC 3 TWP 5S RGE 18W

Other Services
CDL/CNL
DIL/MEL

Permanent Datum GROUND LEVEL Elevation 1905
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1913
D.F.
G.L. 1905

Company PIONEER RESOURCES
Well FOUNDATION #1
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State KANSAS

Date	4-30-12		
Run Number	TWO		
Depth Driller	3400		
Depth Logger	3400		
Bottom Logged Interval	3393		
Top Log Interval	210		
Casing Driller	221		
Casing Logger	221		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9 / 47		
pH / Fluid Loss	10.5 / 6.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.95 @ 81F		
Rmf @ Meas. Temp	0.71 @ 81F		
Rmc @ Meas. Temp	1.14 @ 81F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.710 @ 109F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:30 A.M.		
Maximum Recorded Temperature	109F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	CLIFF OTTAWAY		

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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: GLADE, 1W, 2S, W INTO.

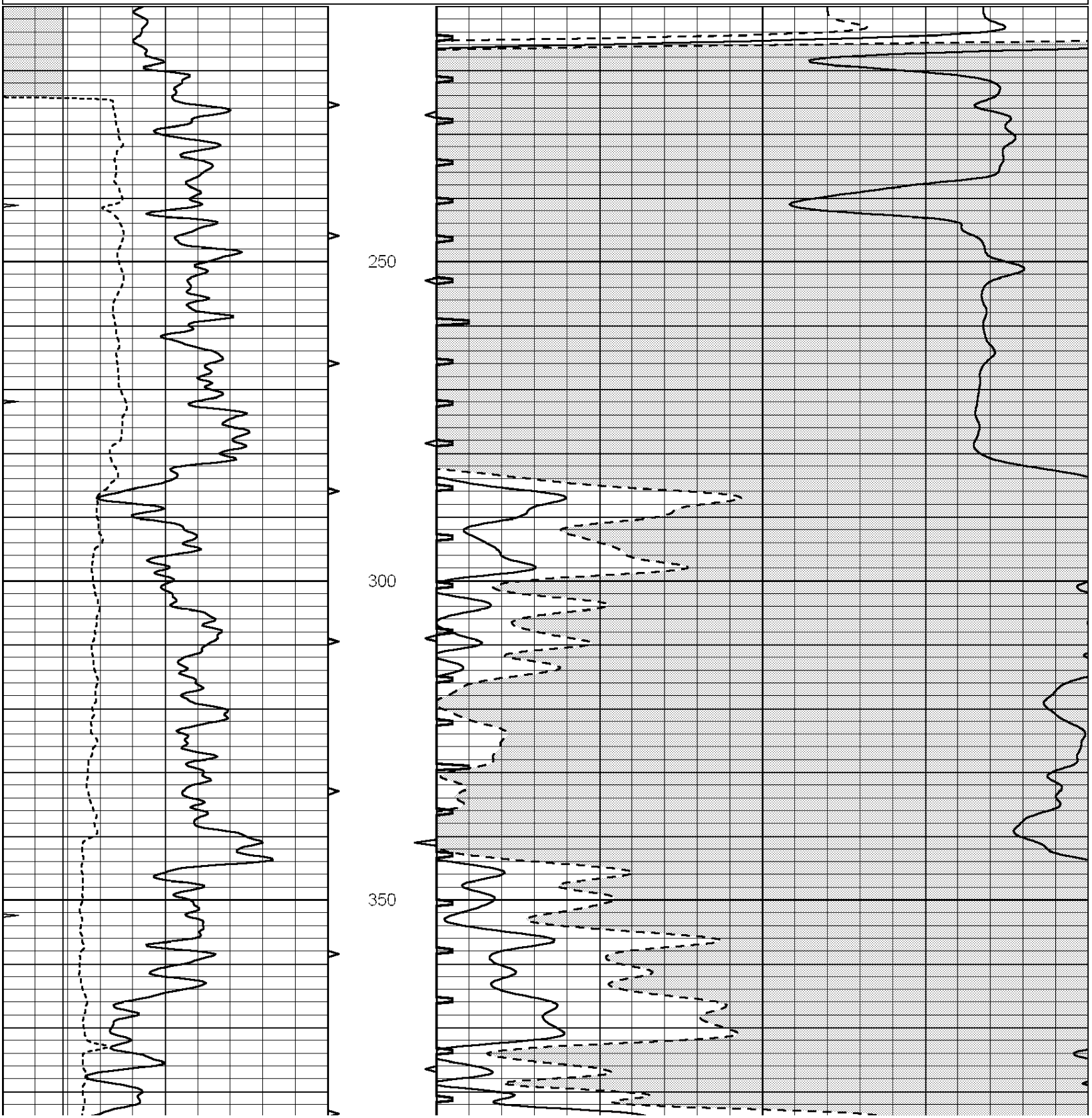
MAIN SECTION

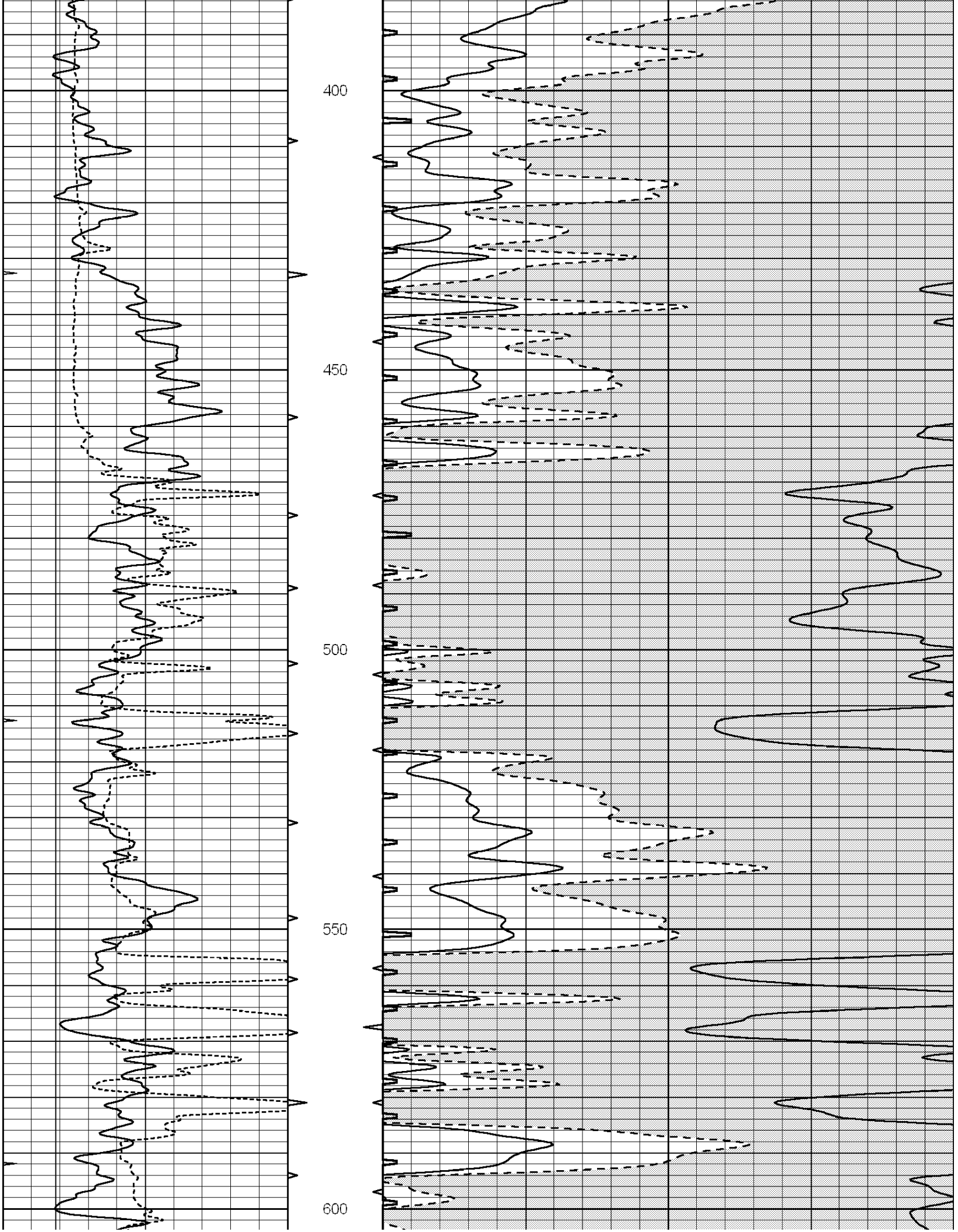
SUPERIOR
Hays,

Kansas

Database File: 009109ddn.db
Dataset Pathname: pass6.1A
Presentation Format: slt
Dataset Creation: Tue May 01 03:55:02 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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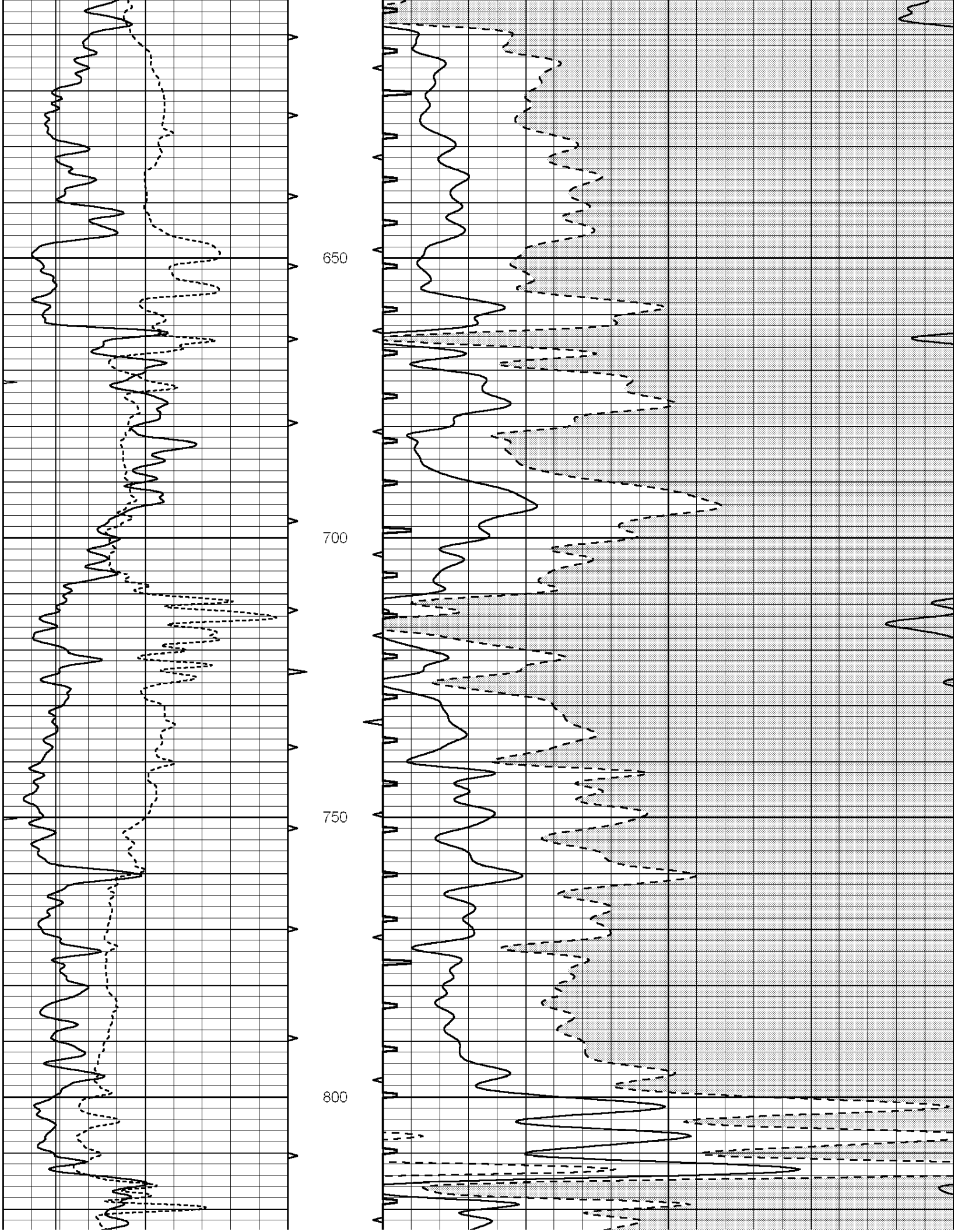
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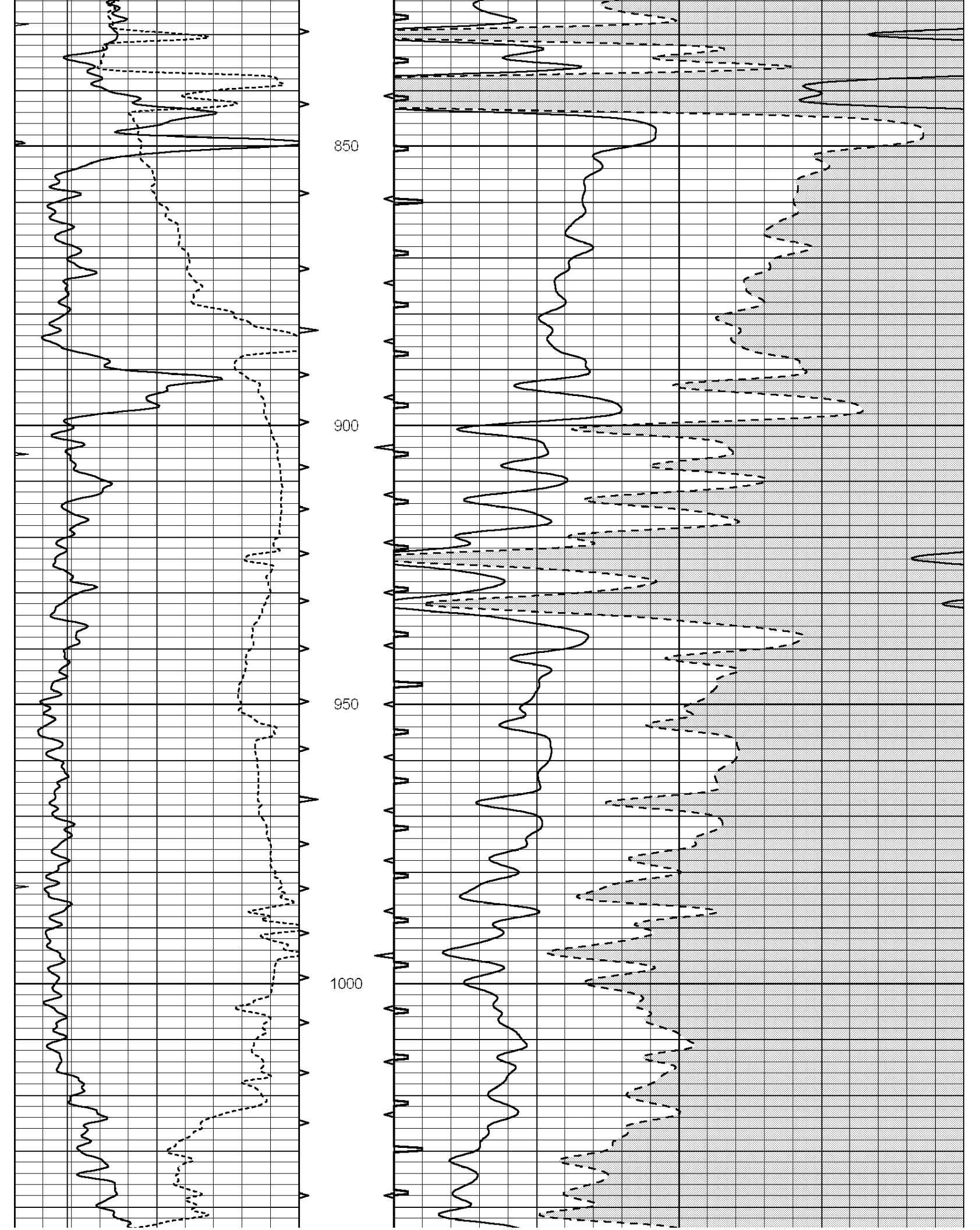
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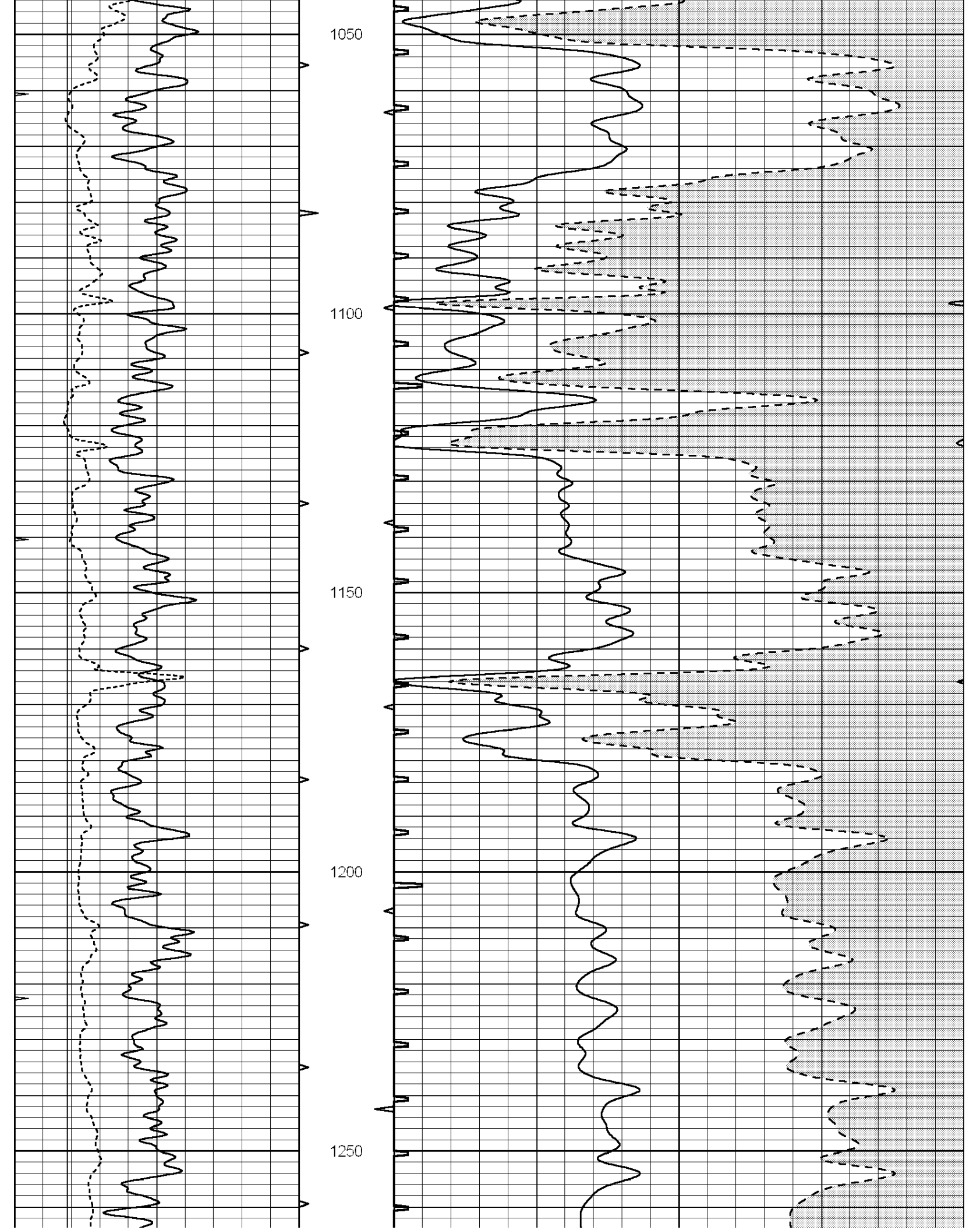
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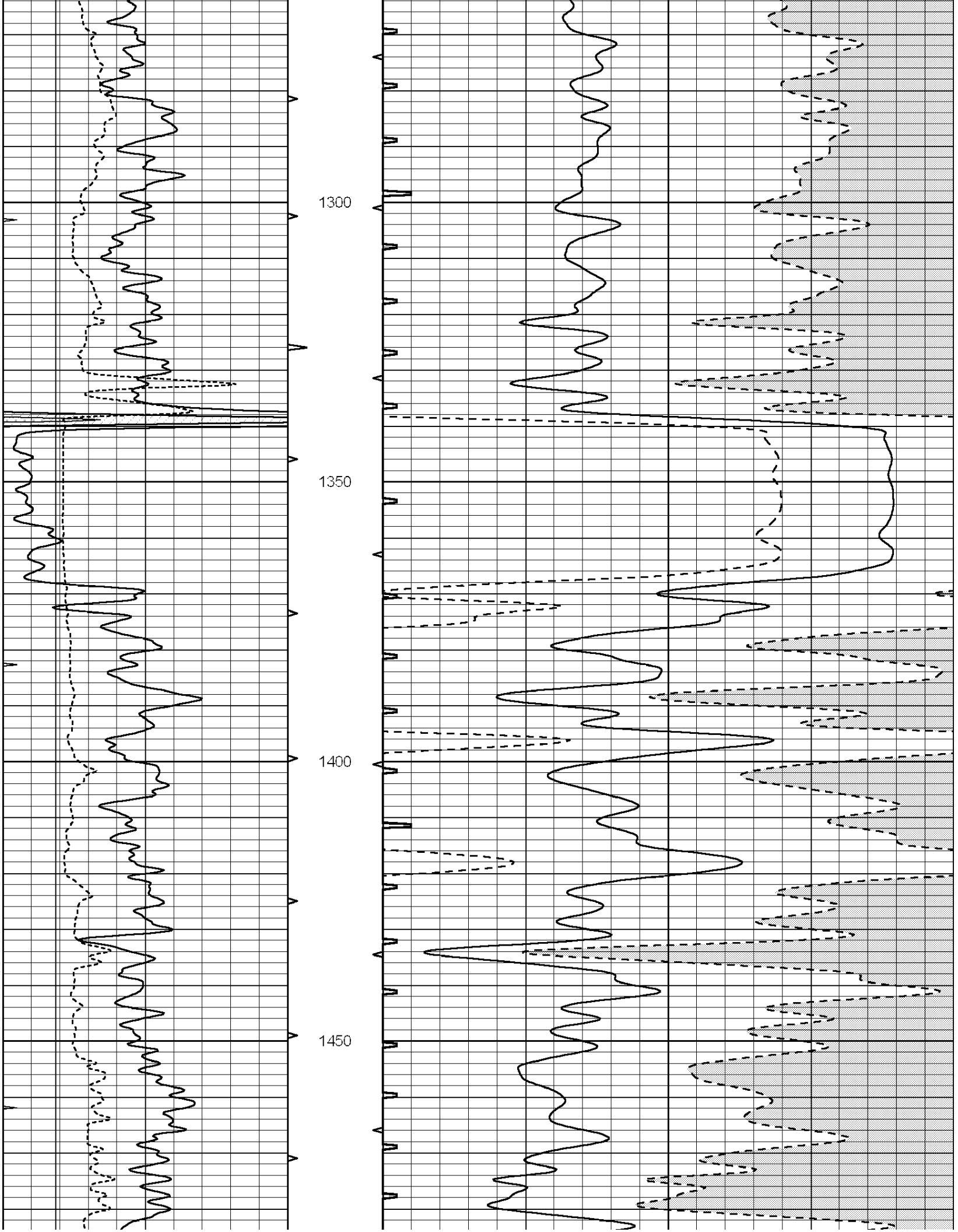
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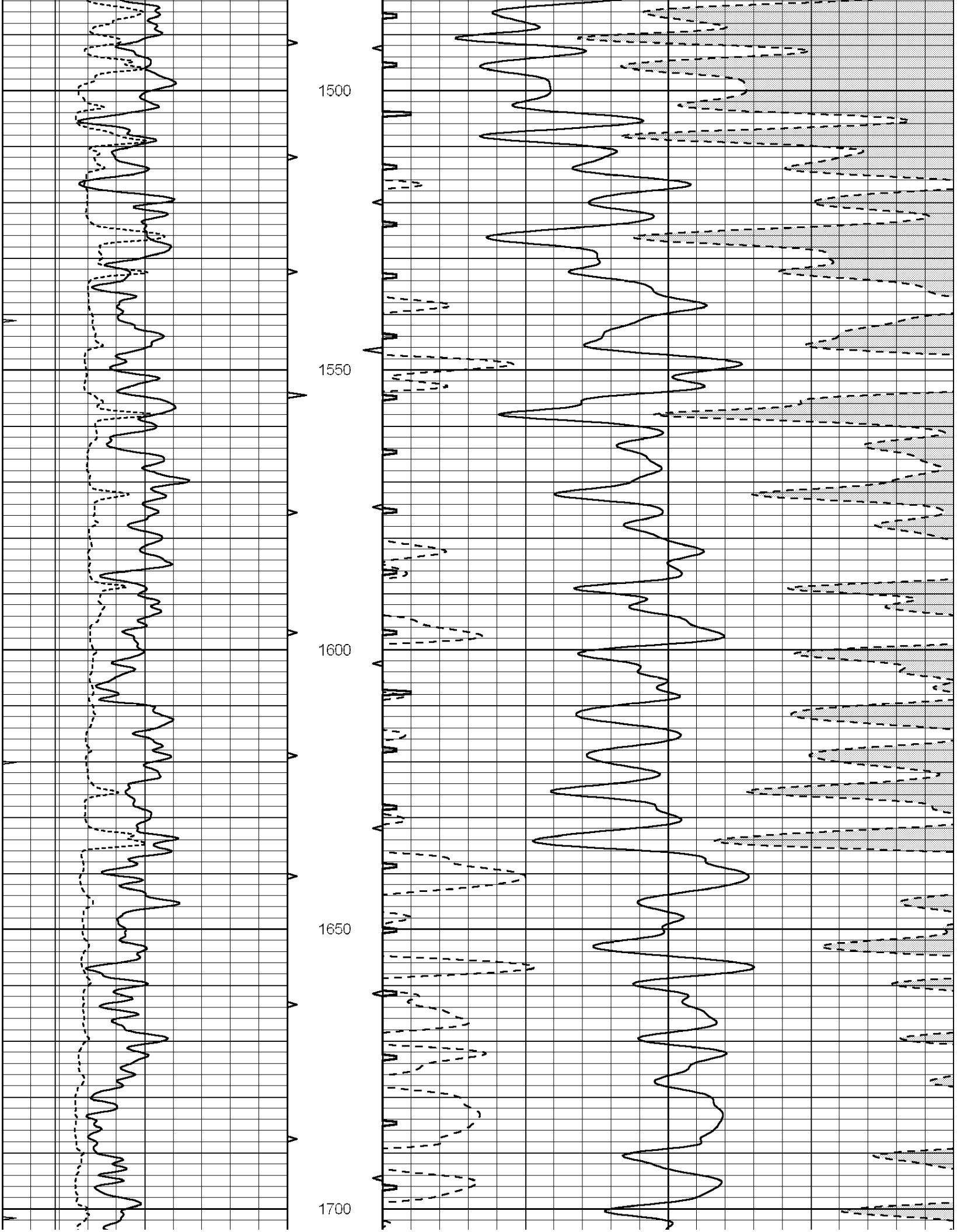
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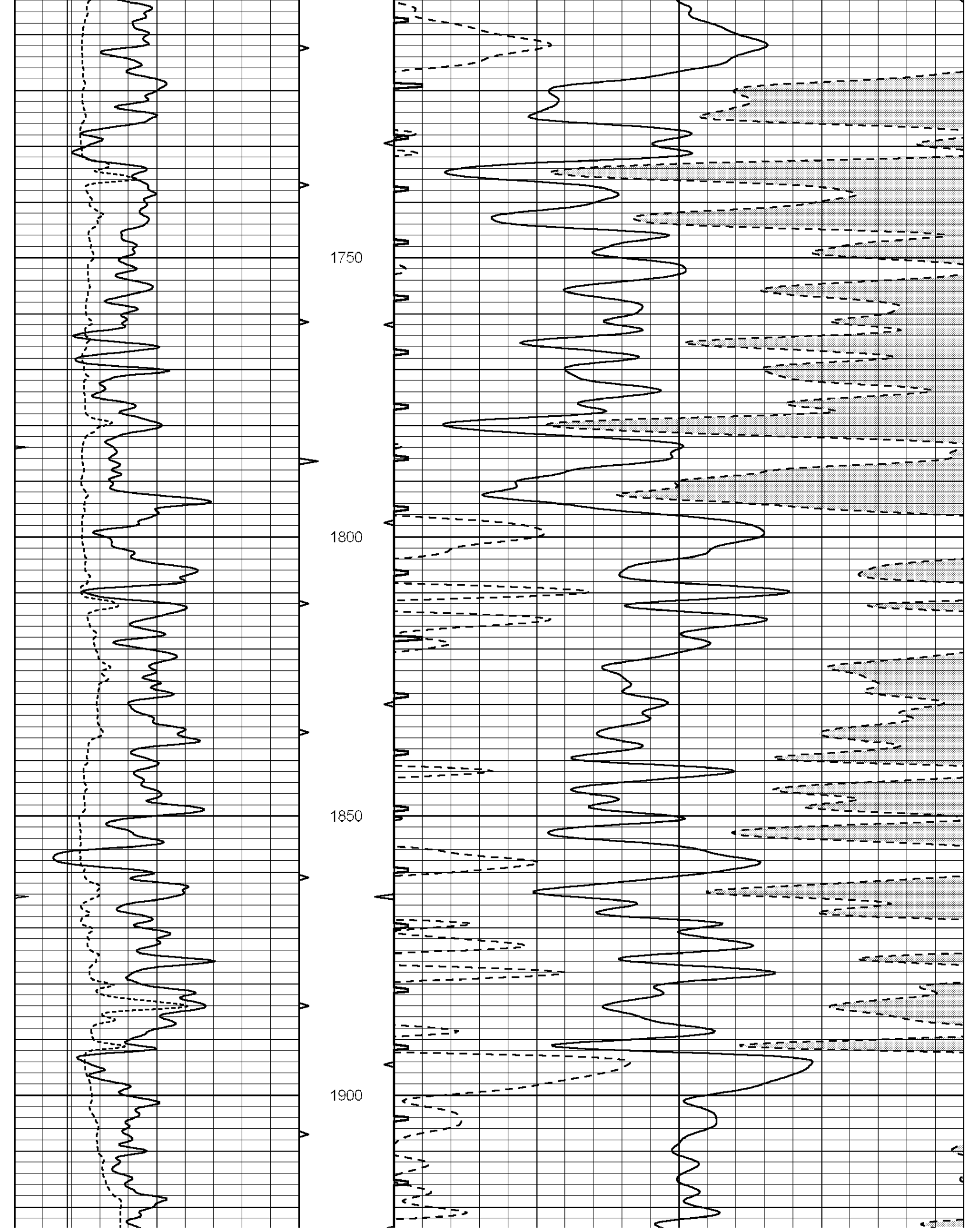
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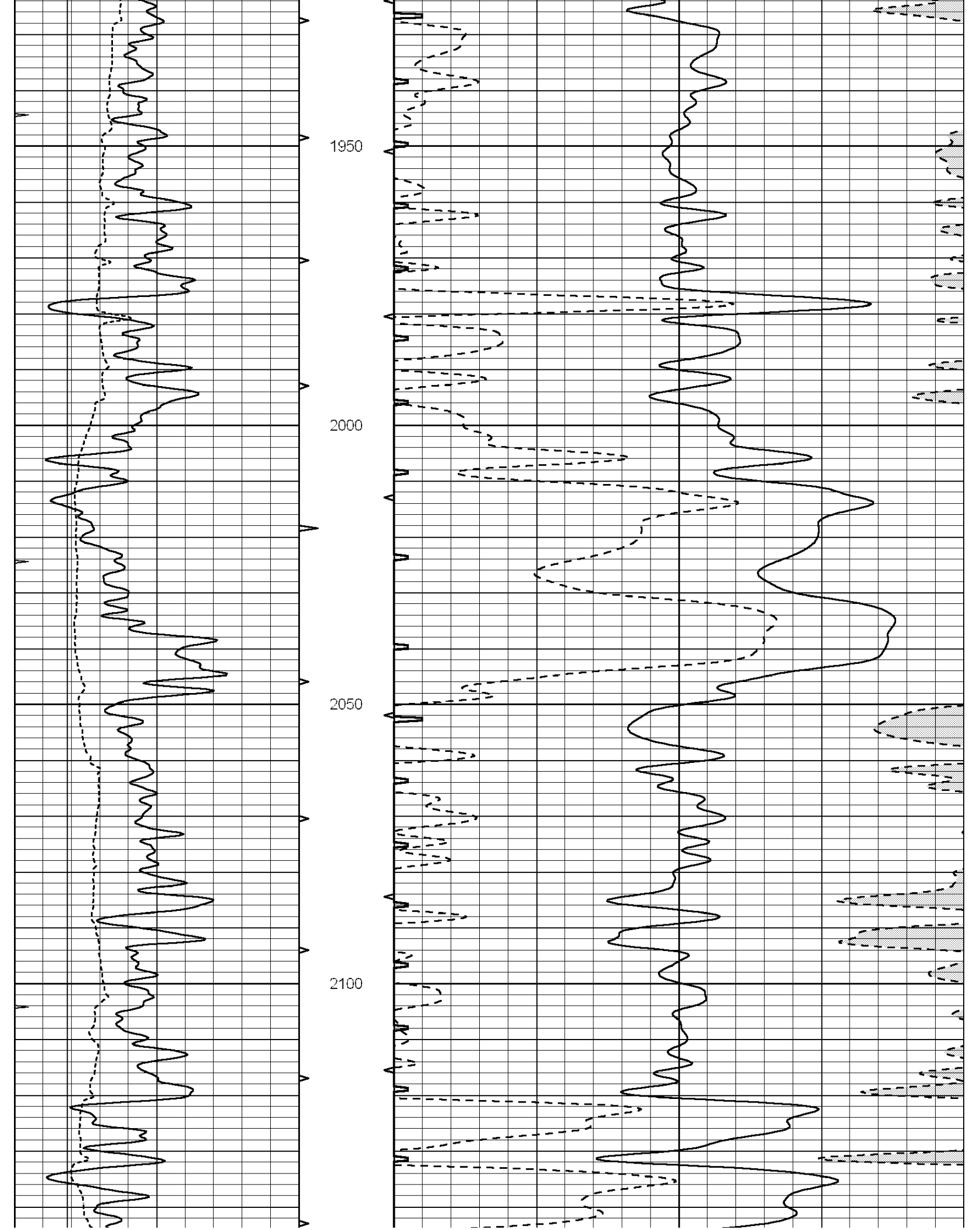
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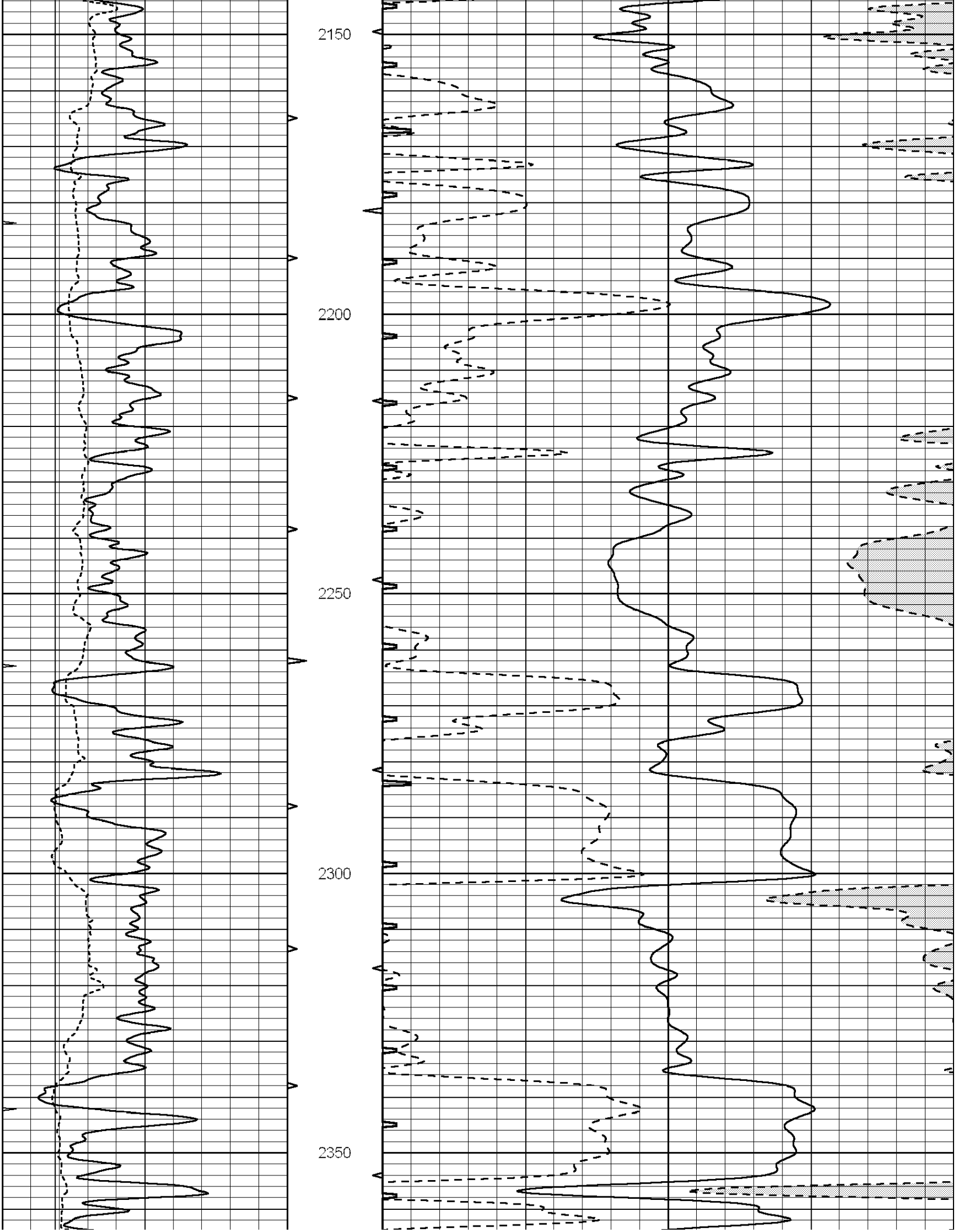
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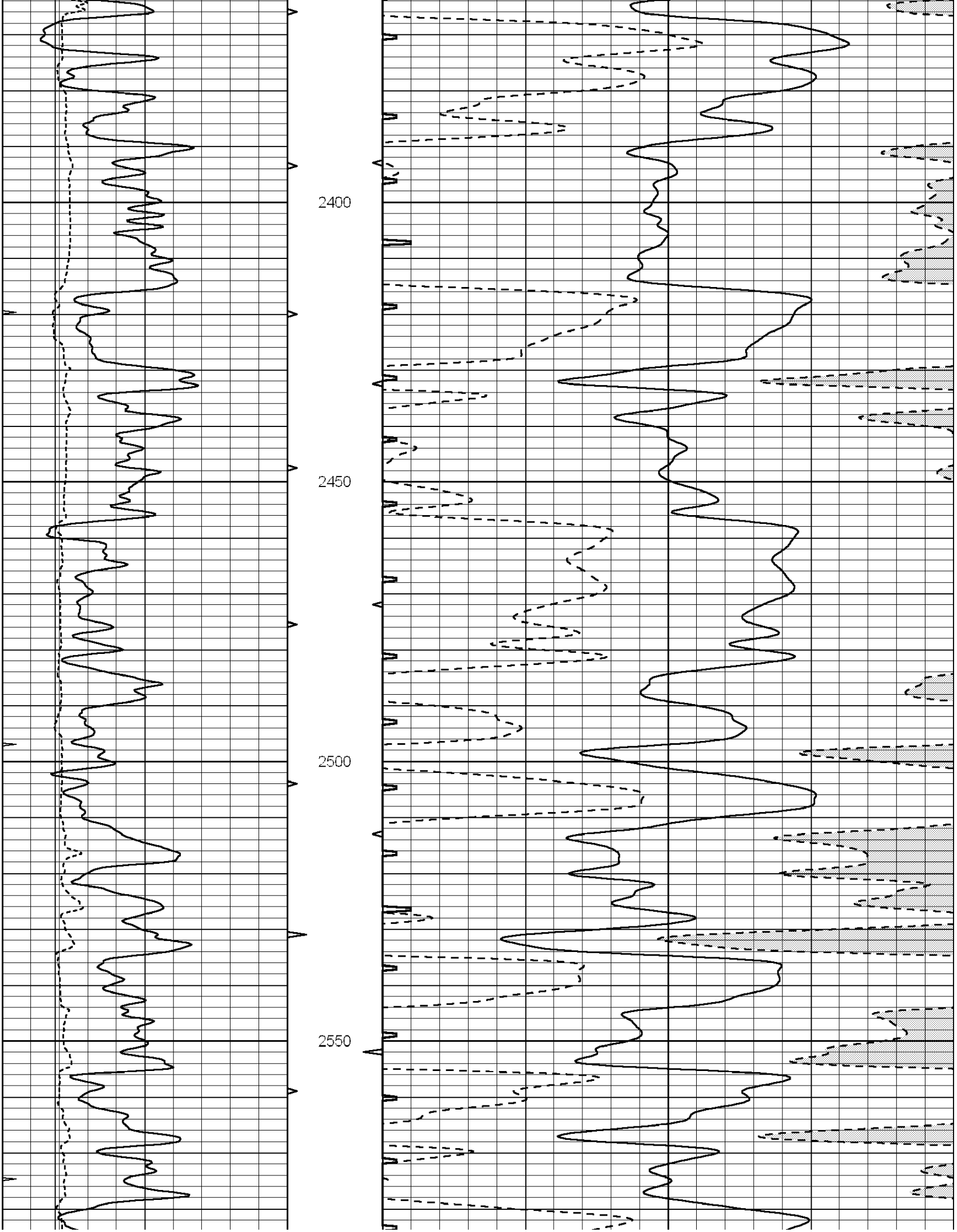
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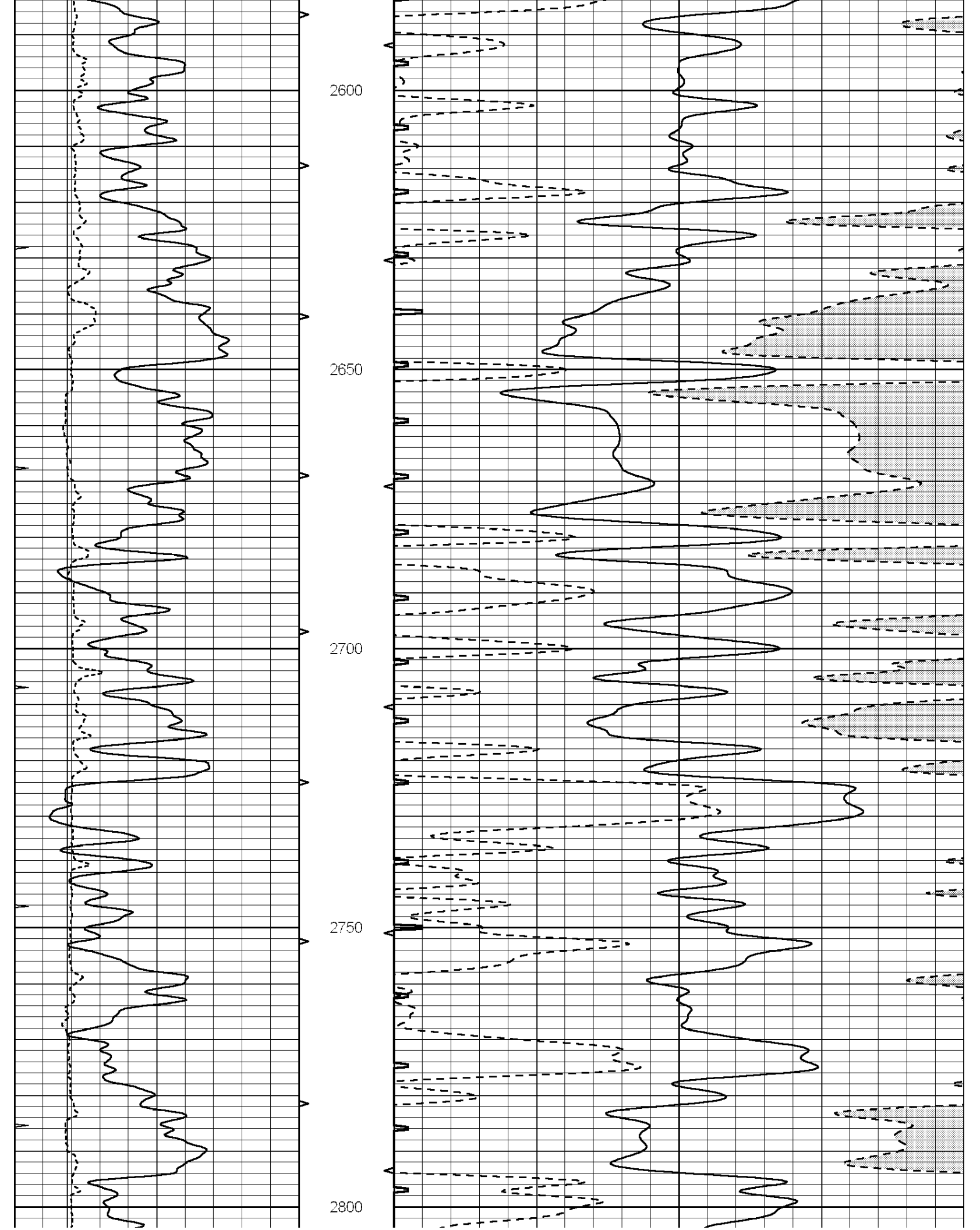
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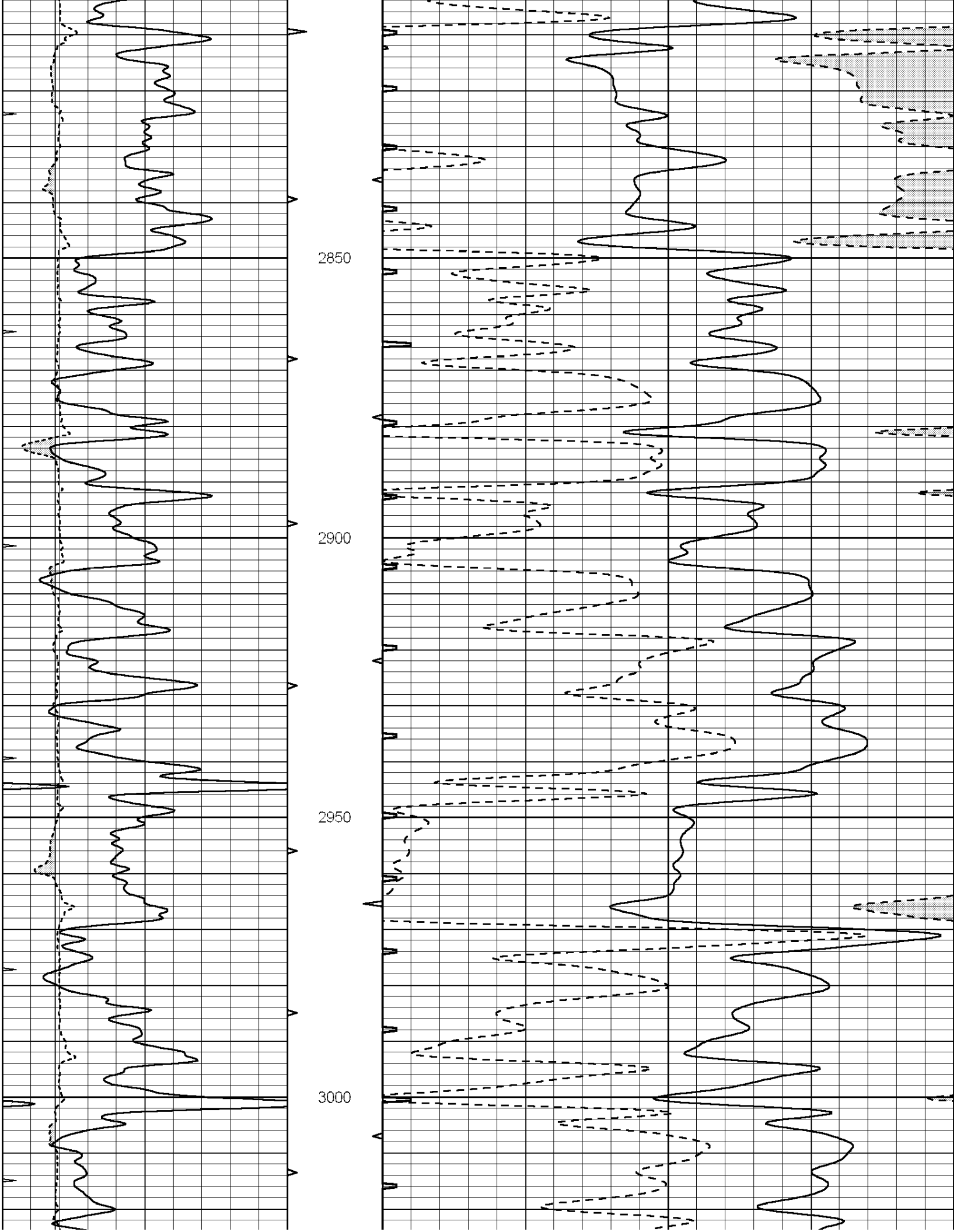
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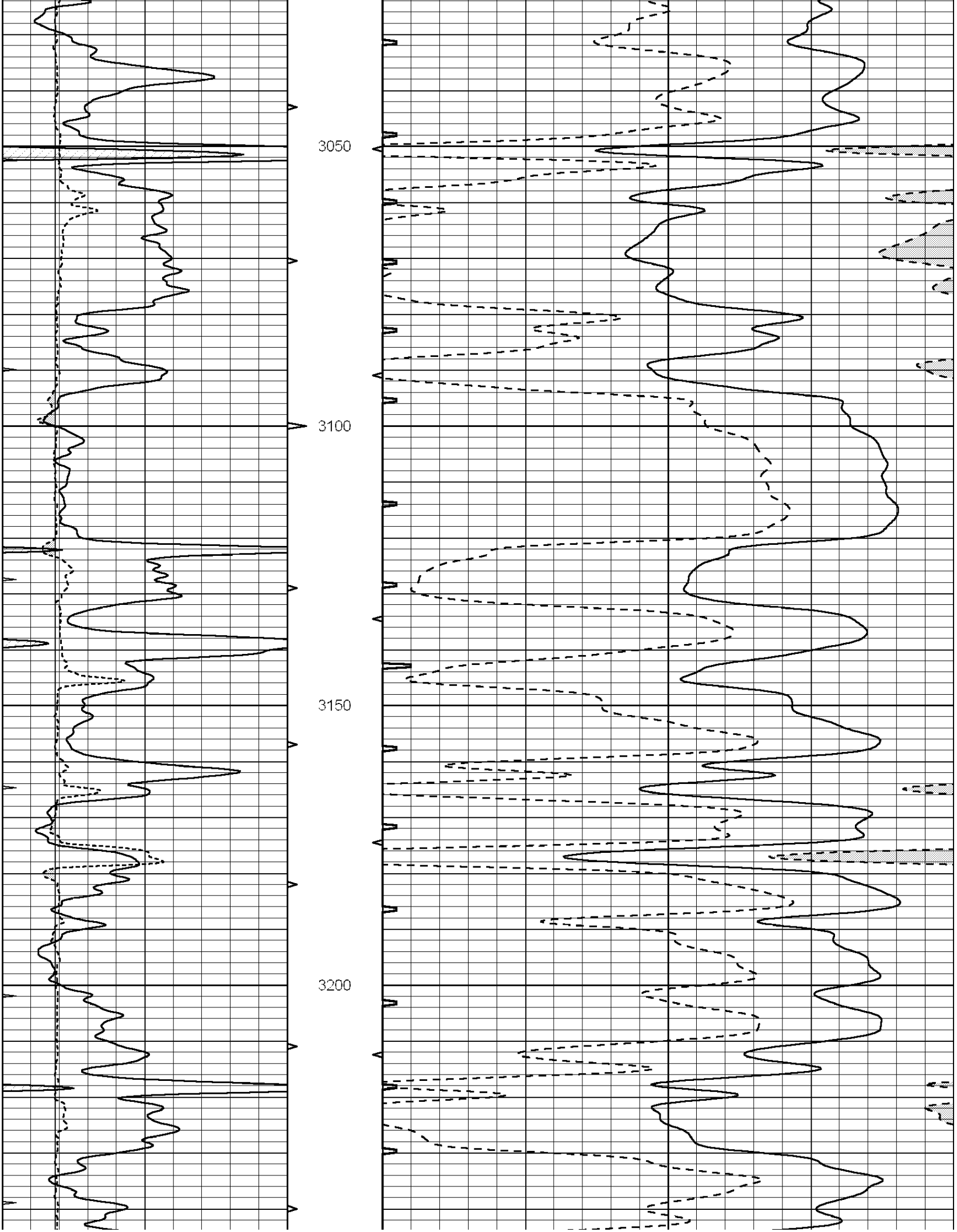
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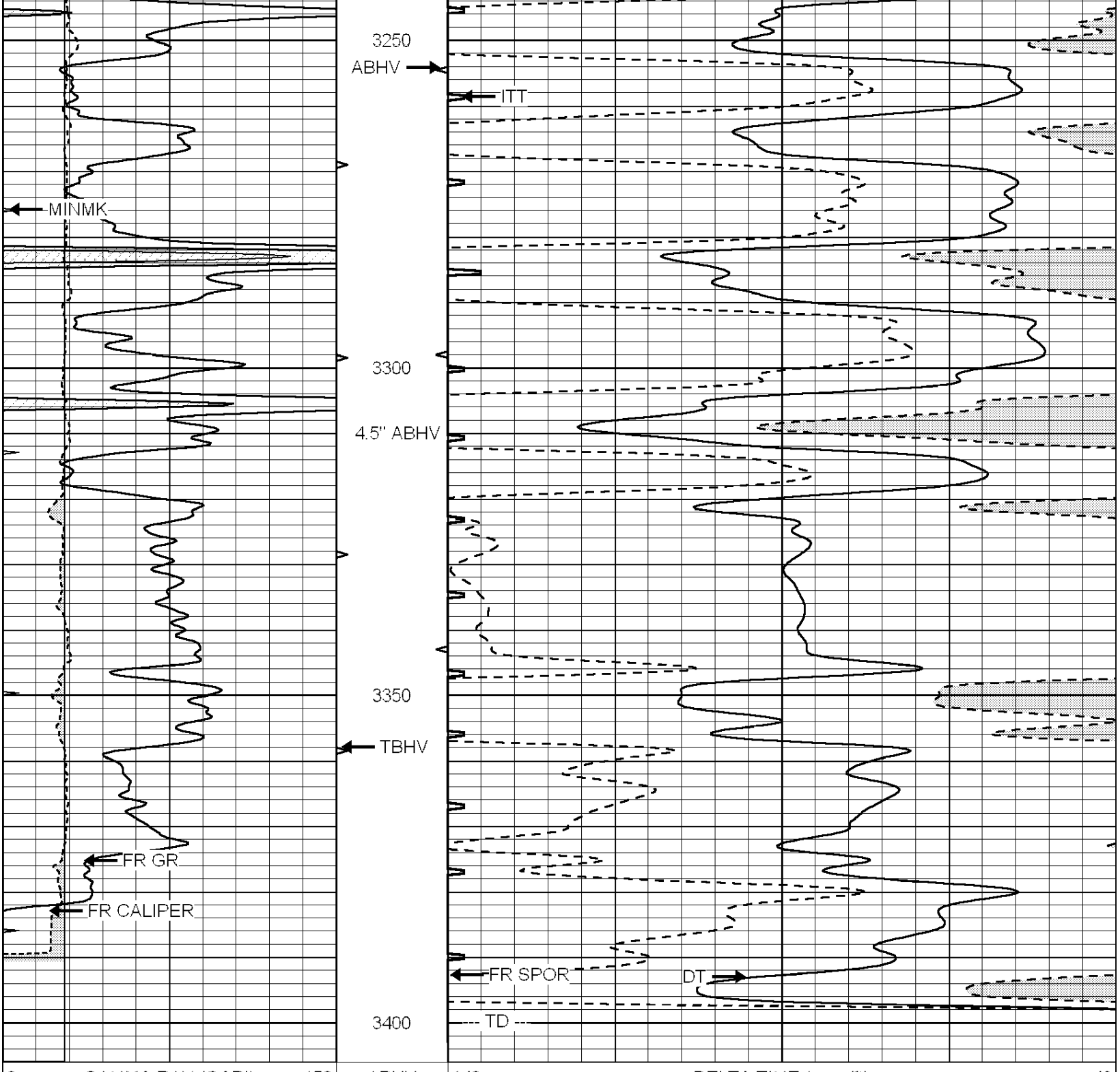

SUPERIOR WELL SERVICES

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REPEAT SECTION

Database File: 009109ddn.db
Dataset Pathname: pass5.1
Presentation Format: slt

Dataset Creation: Tue May 01 03:50:18 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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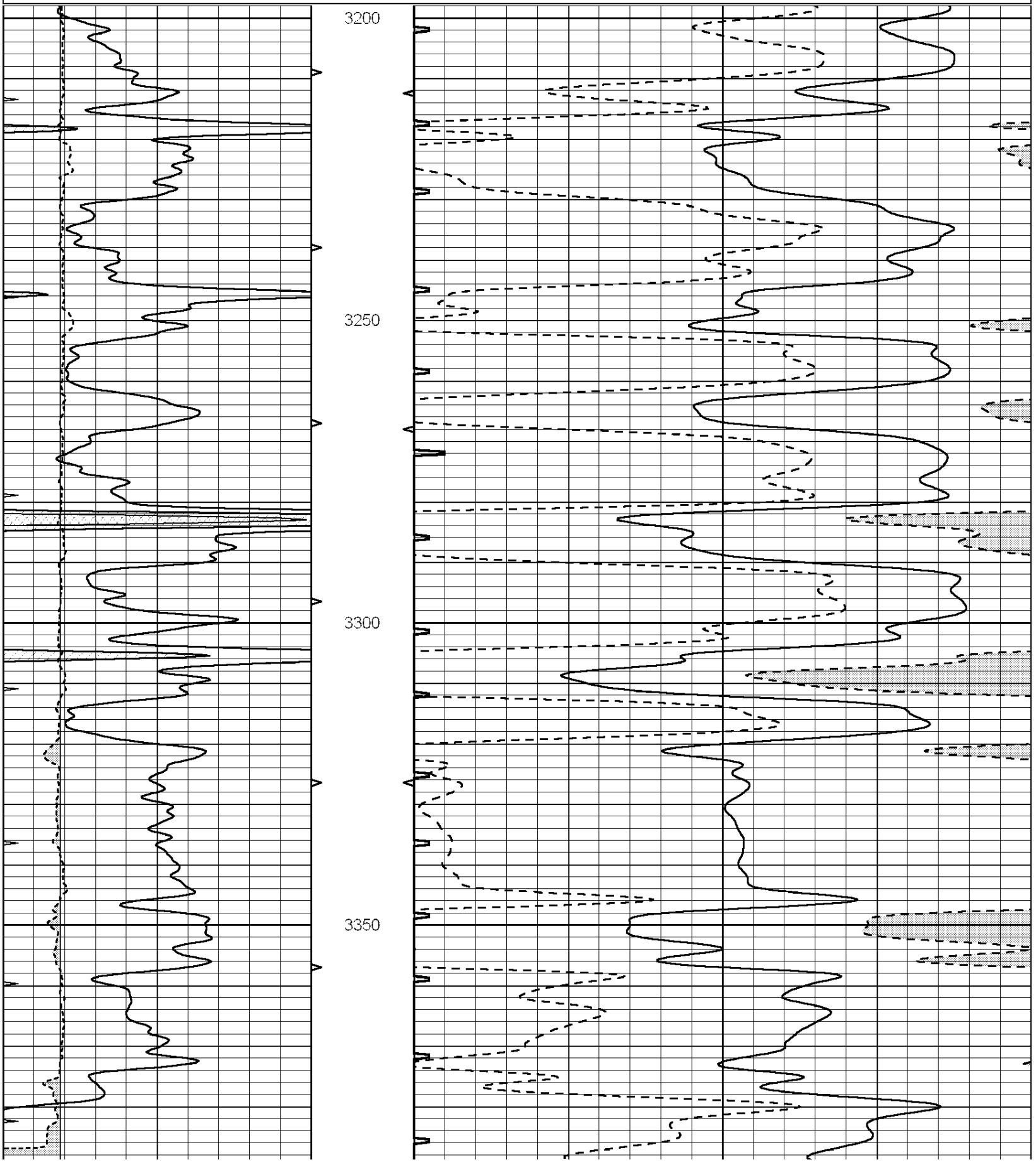

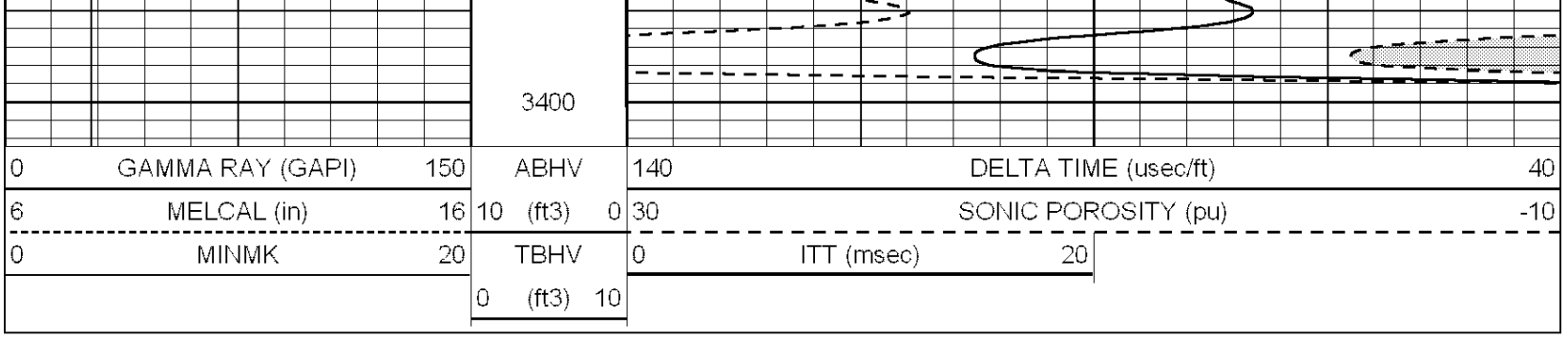

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