



SUPERIOR
Hays,
Kansas

SONIC LOG

Company MULL DRILLING COMPANY, INC.
Well #1-33 R - R UNIT
Field WILDCAT
County LANE
State KANSAS

Company MULL DRILLING COMPANY, INC.
Well #1-33 R - R UNIT
Field WILDCAT
County LANE State KANSAS

Location: API # : 15-101-22184-0000

2150' FNL & 2578' FEL

SEC 33 TWP 17S RGE 28W

Permanent Datum GROUND LEVEL Elevation 2754
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/MEL
Elevation
K.B. 2763
D.F. 2761
G.L. 2754

Date	8/31/09		
Run Number	TWO		
Depth Driller	4680		
Depth Logger	4684		
Bottom Logged Interval	4671		
Top Log Interval	200		
Casing Driller	8 5/8"@223'		
Casing Logger	223		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.4/65		
pH / Fluid Loss	10.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.40@85F		
Rmf @ Meas. Temp	1.05@85F		
Rmc @ Meas. Temp	1.68@85F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.975@122F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	8:45 P.M.		
Maximum Recorded Temperature	122F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEVIN KESSLER		

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
DIGHTON, KS. 4 N. ON HWY 23 TO RD. "190", 2 1/2 E., S. INTO

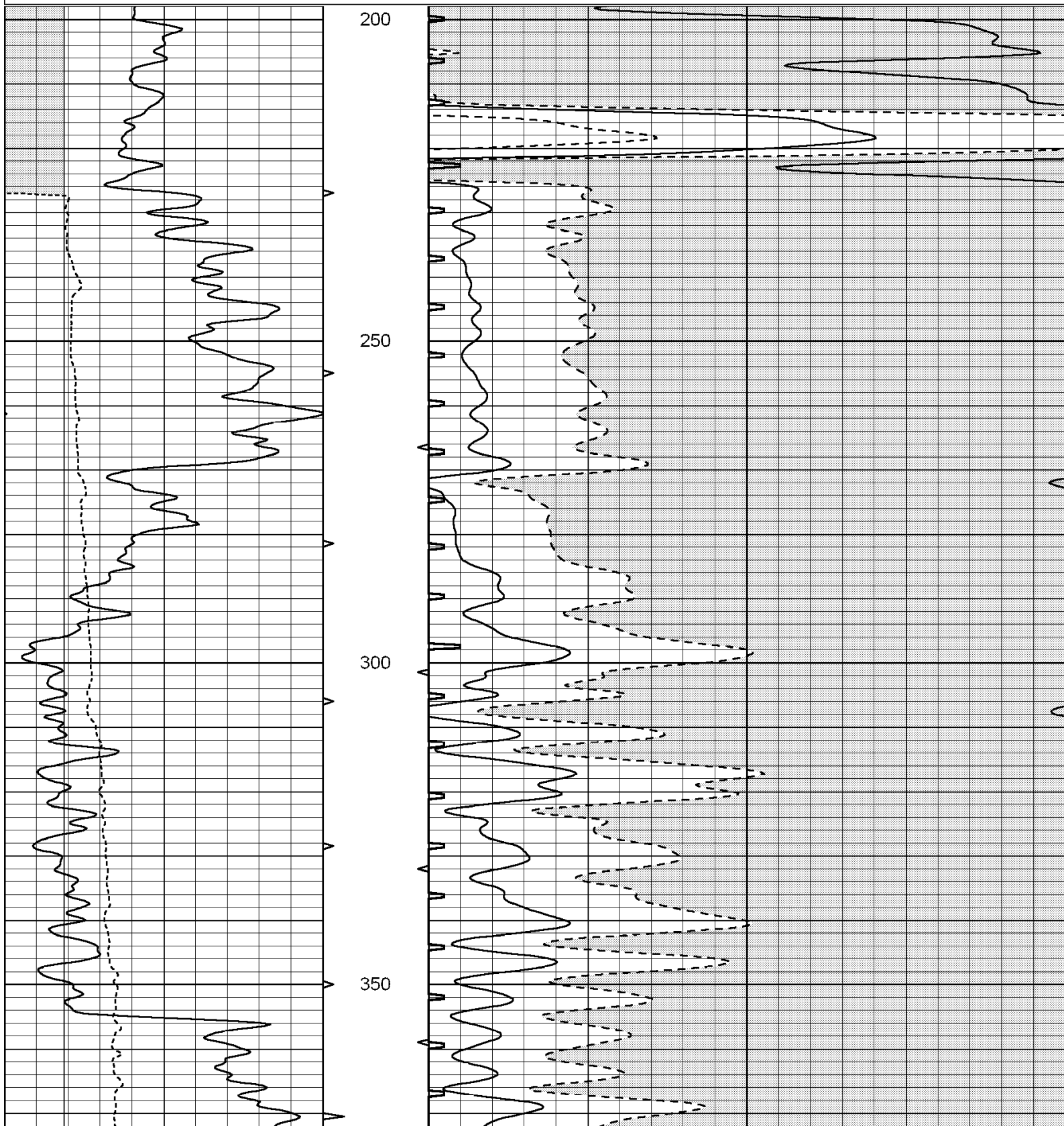


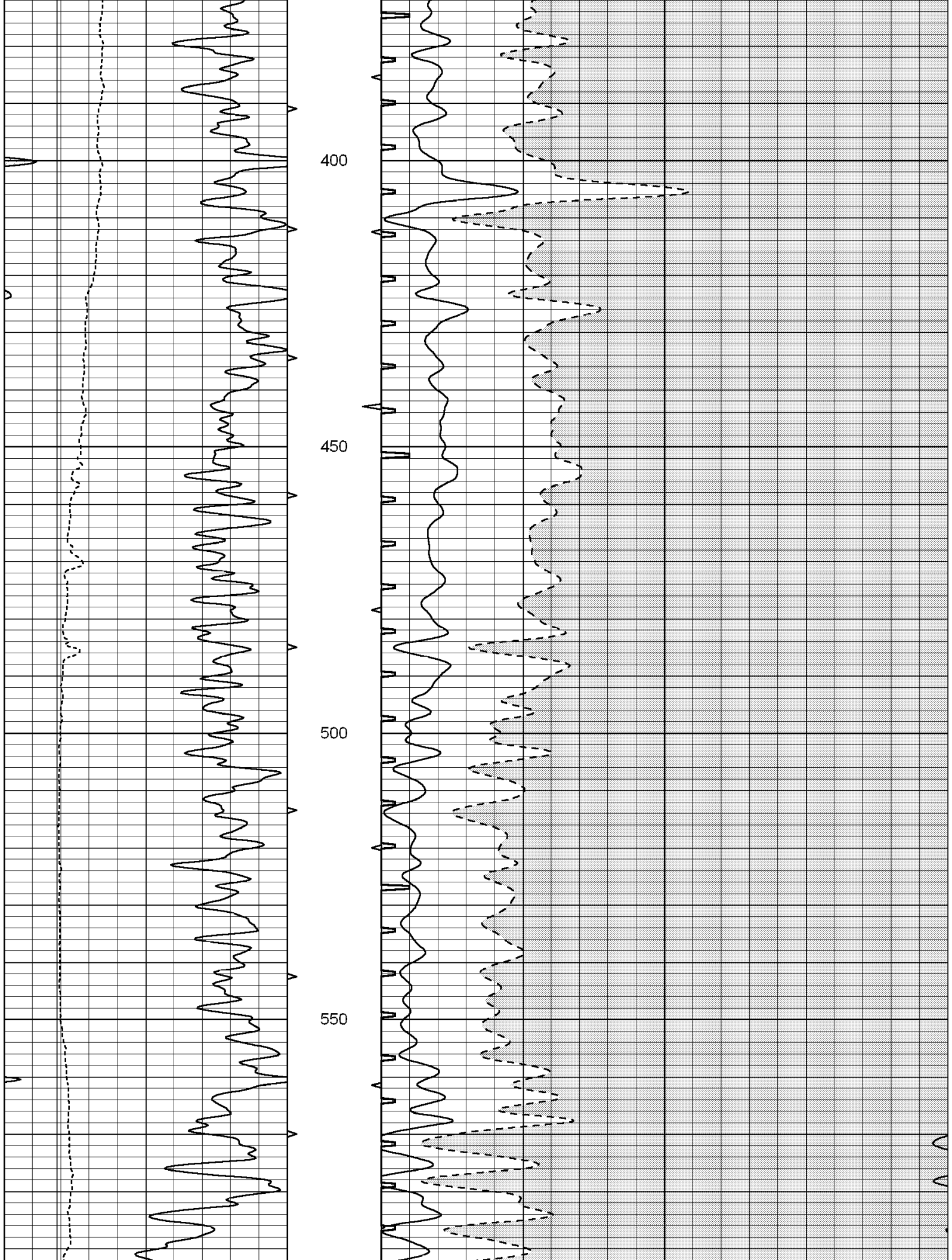
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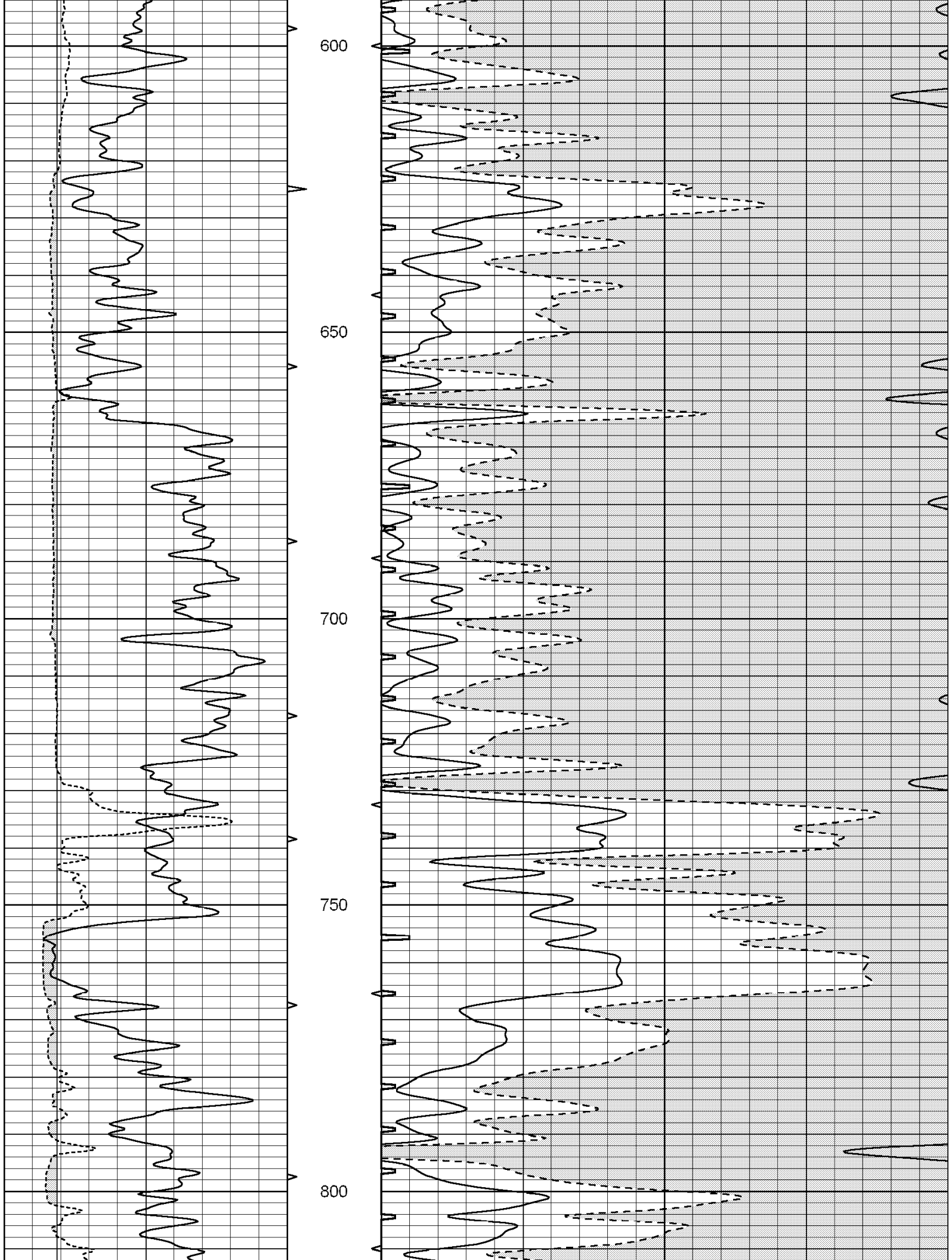
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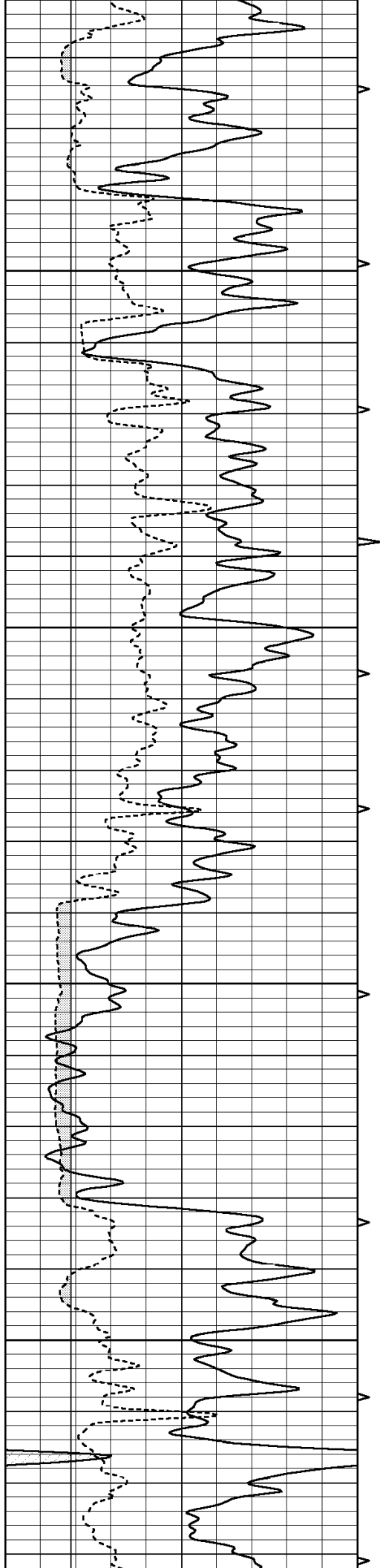
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Dataset Pathname: pass7.4
Presentation Format: slt
Dataset Creation: Tue Sep 01 00:38:07 2009 by Calc Open-Cased 060407
Charted by: Depth in Feet scaled 1:240

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







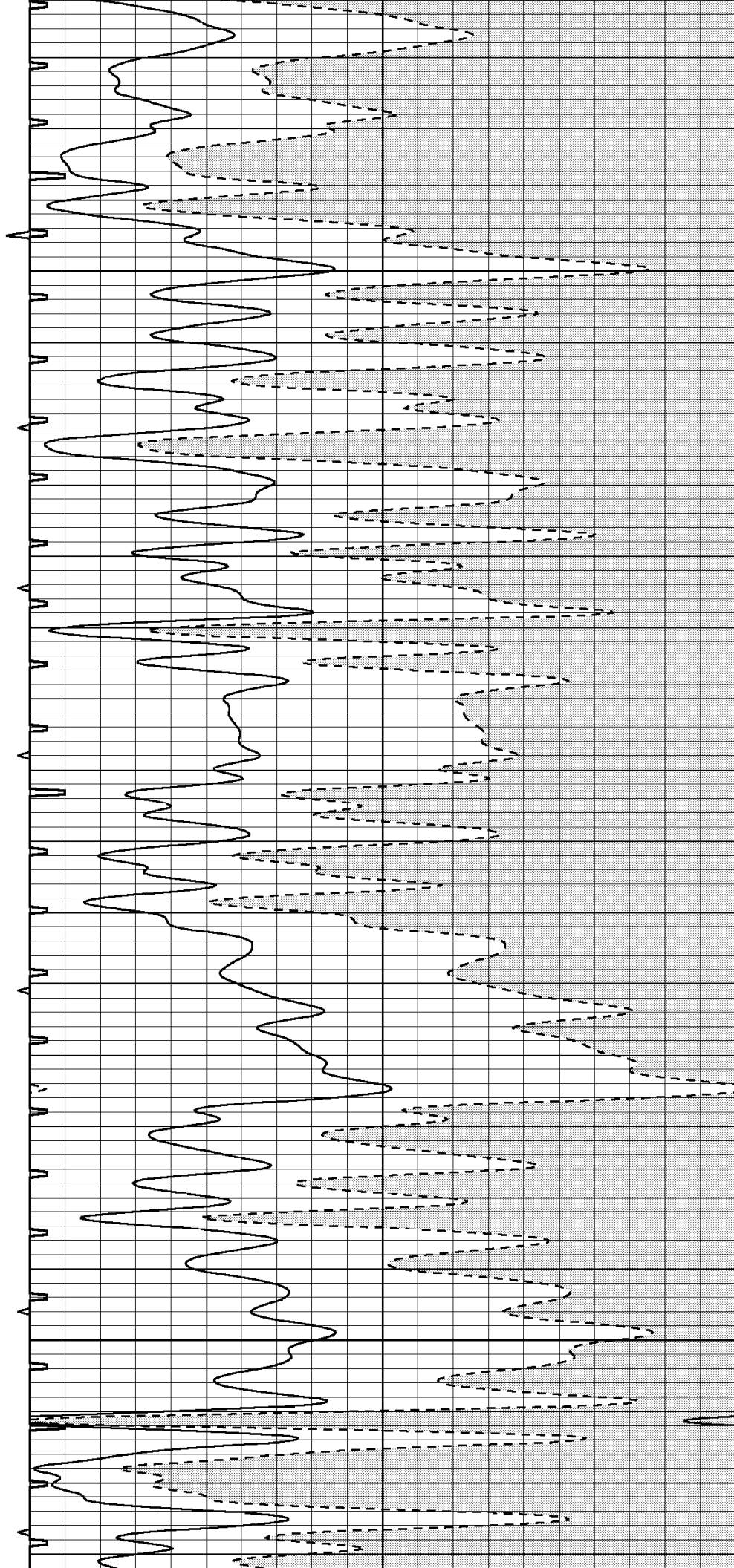


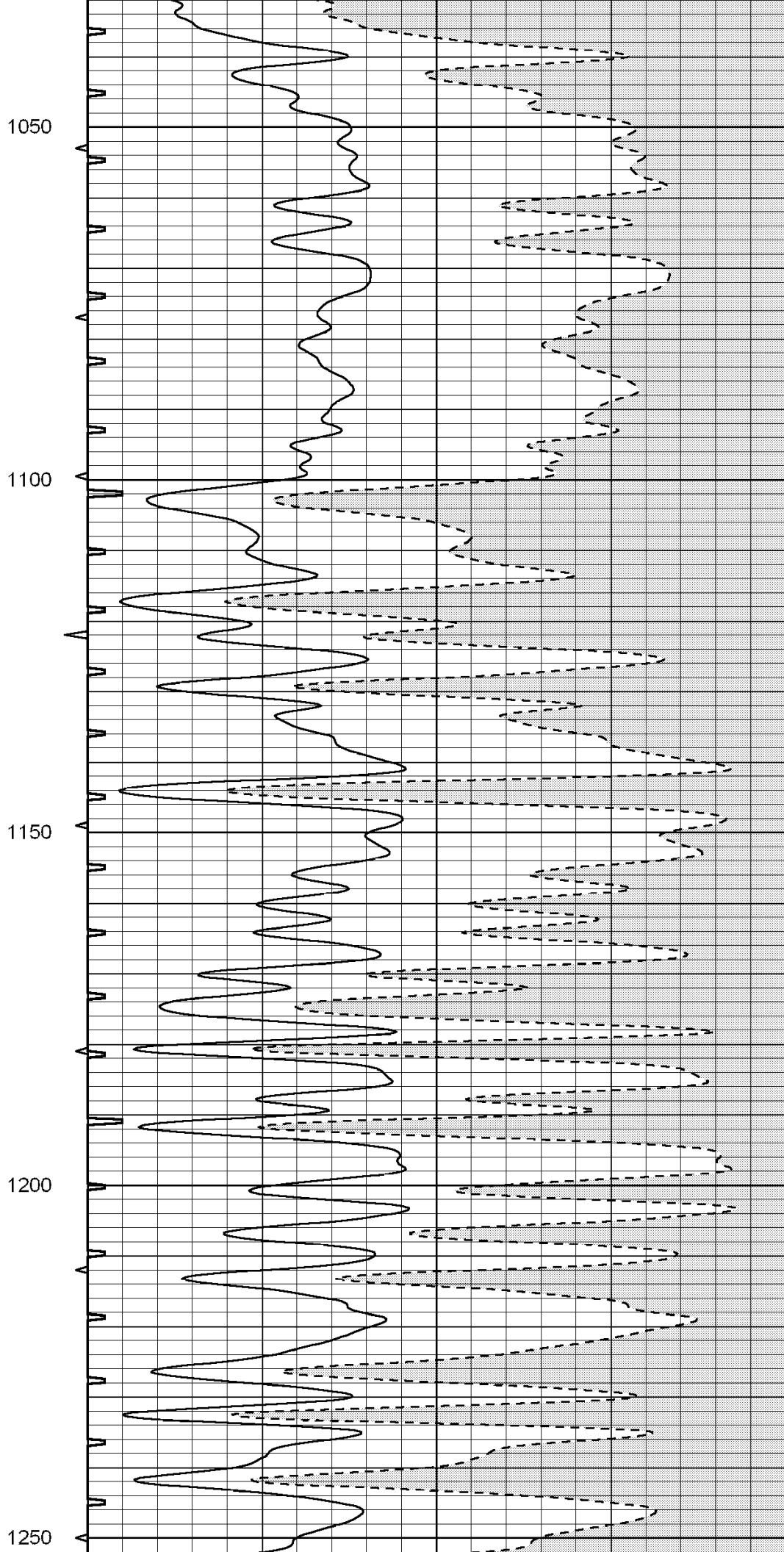
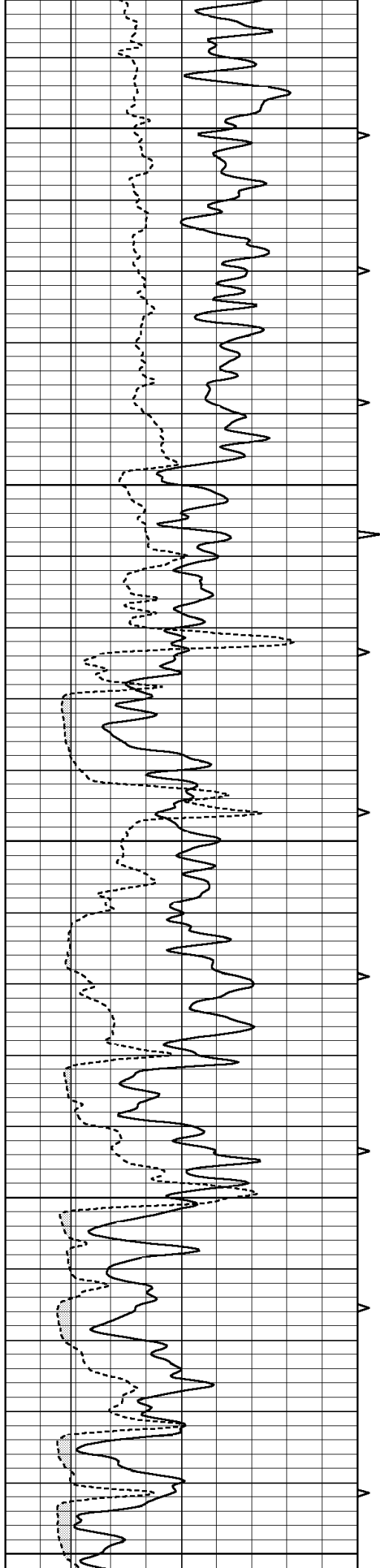
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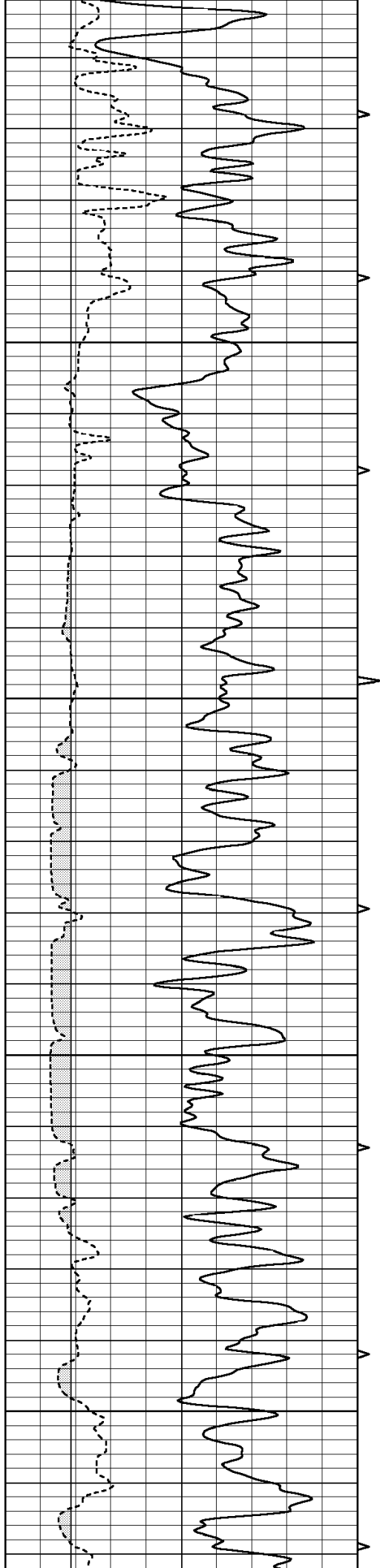
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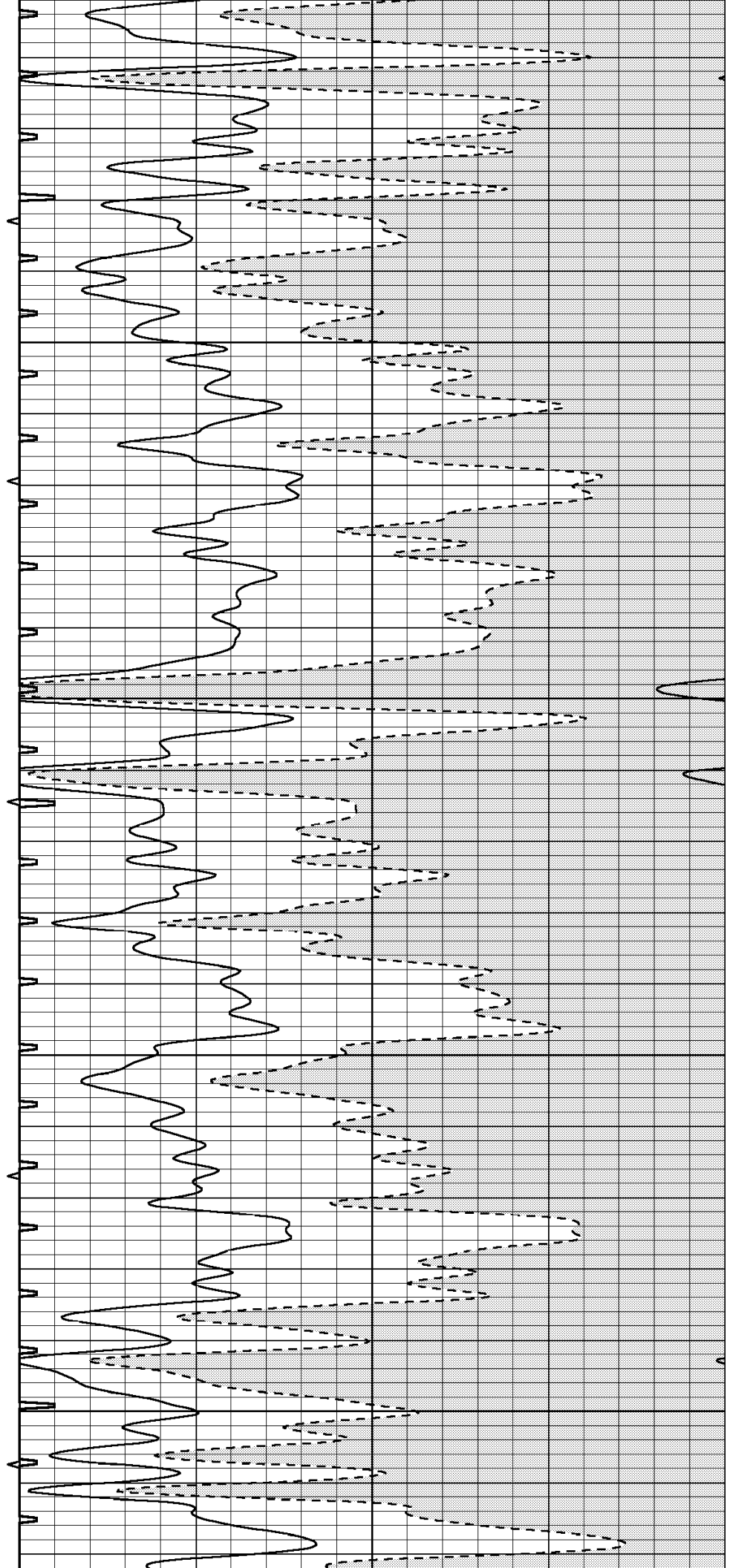


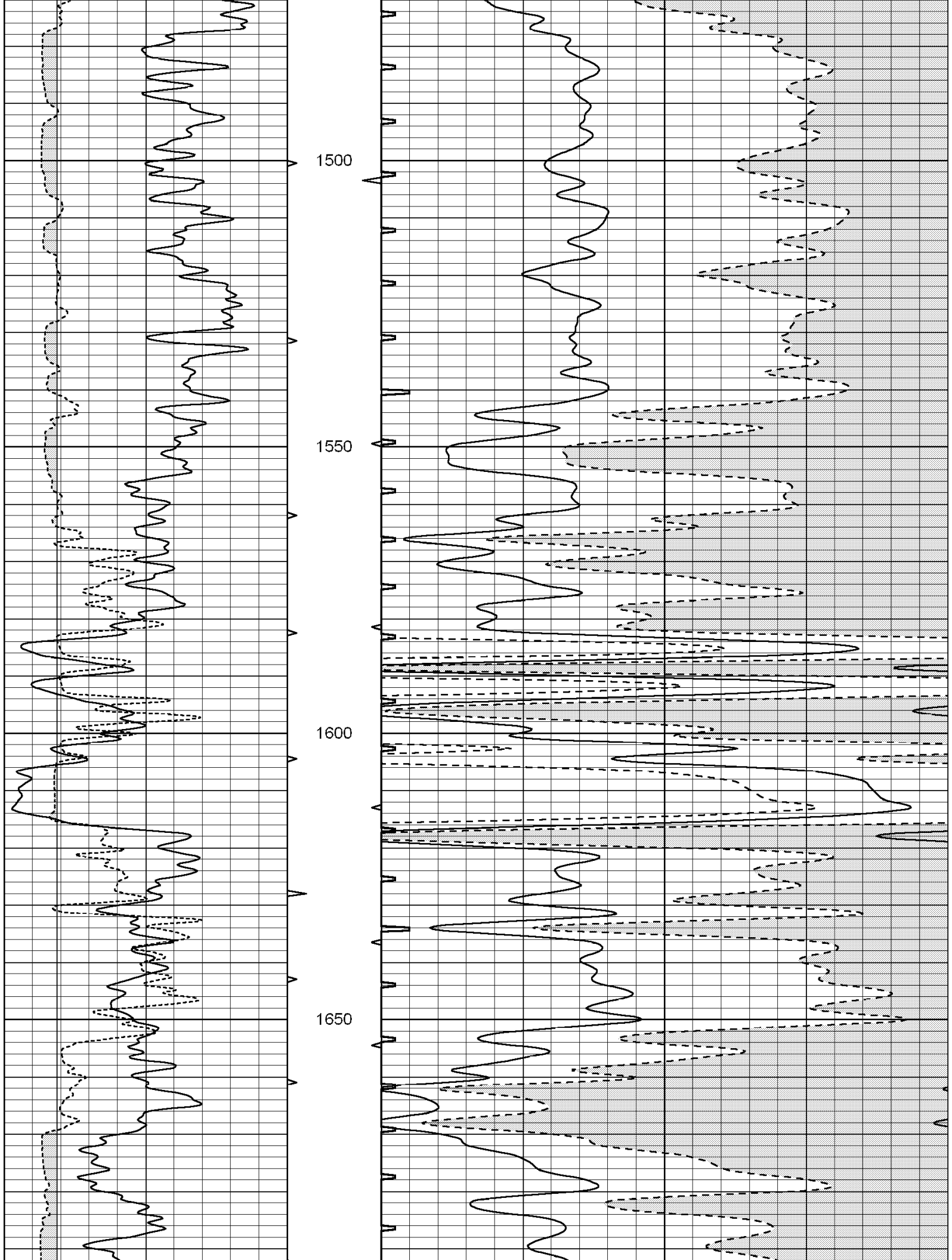
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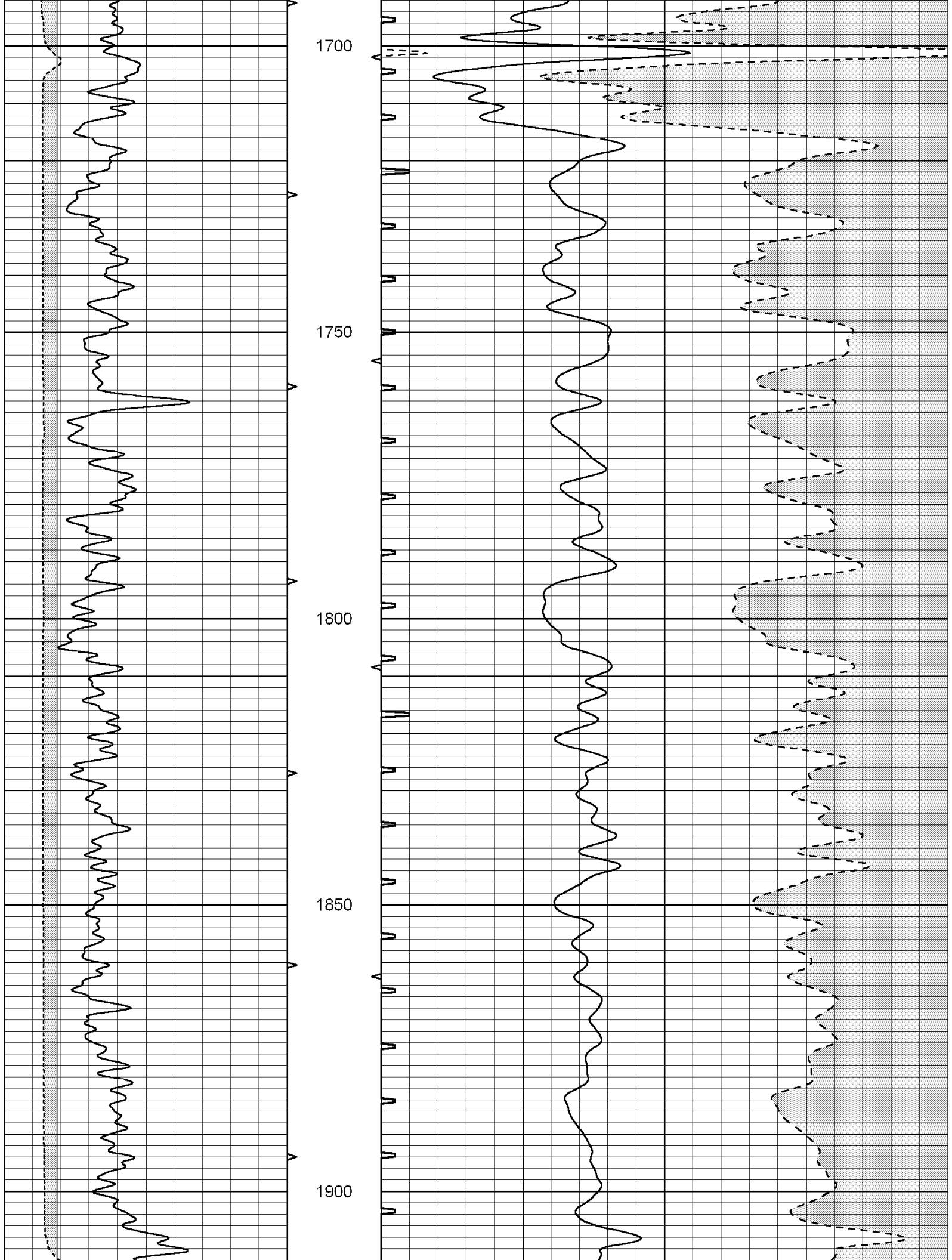
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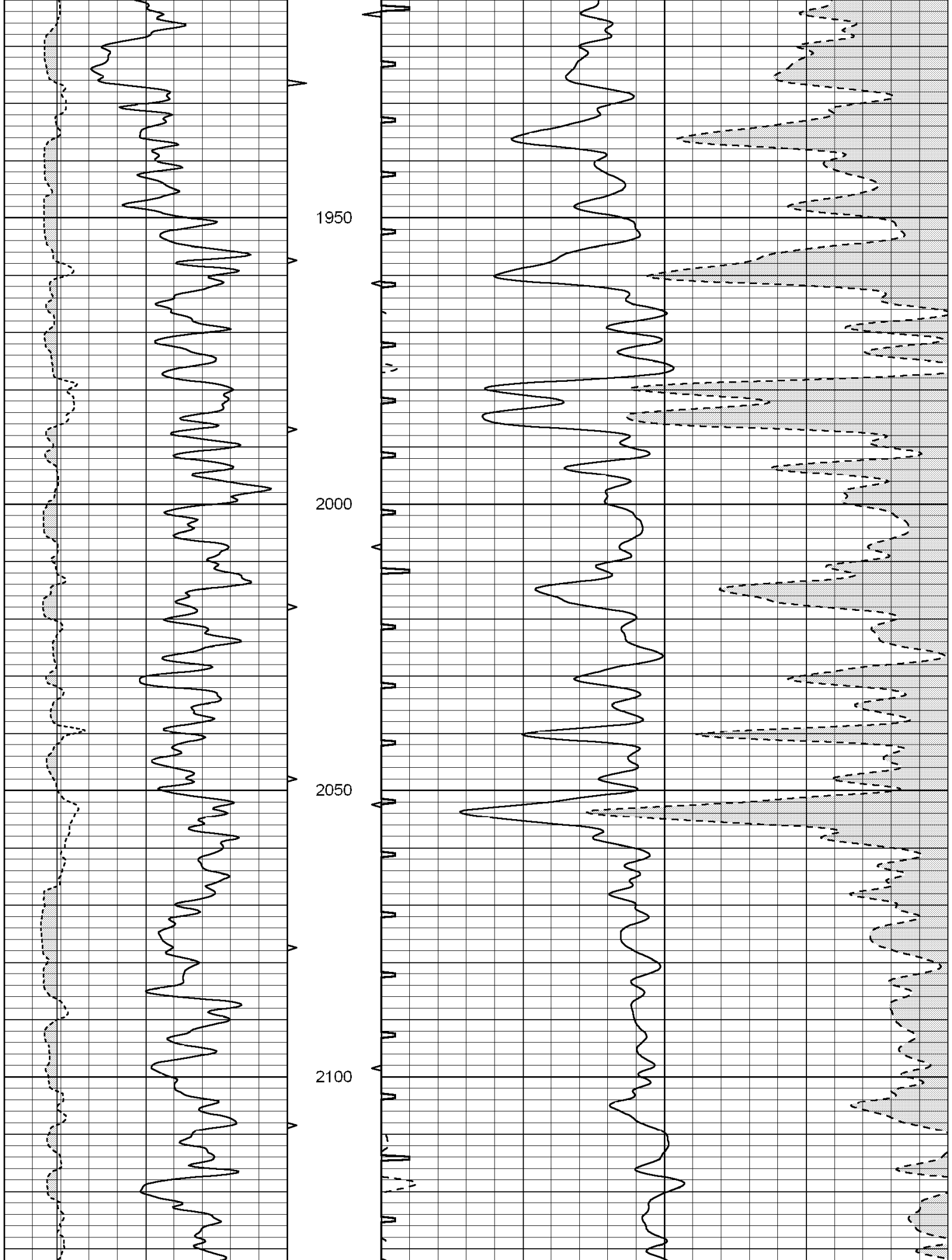
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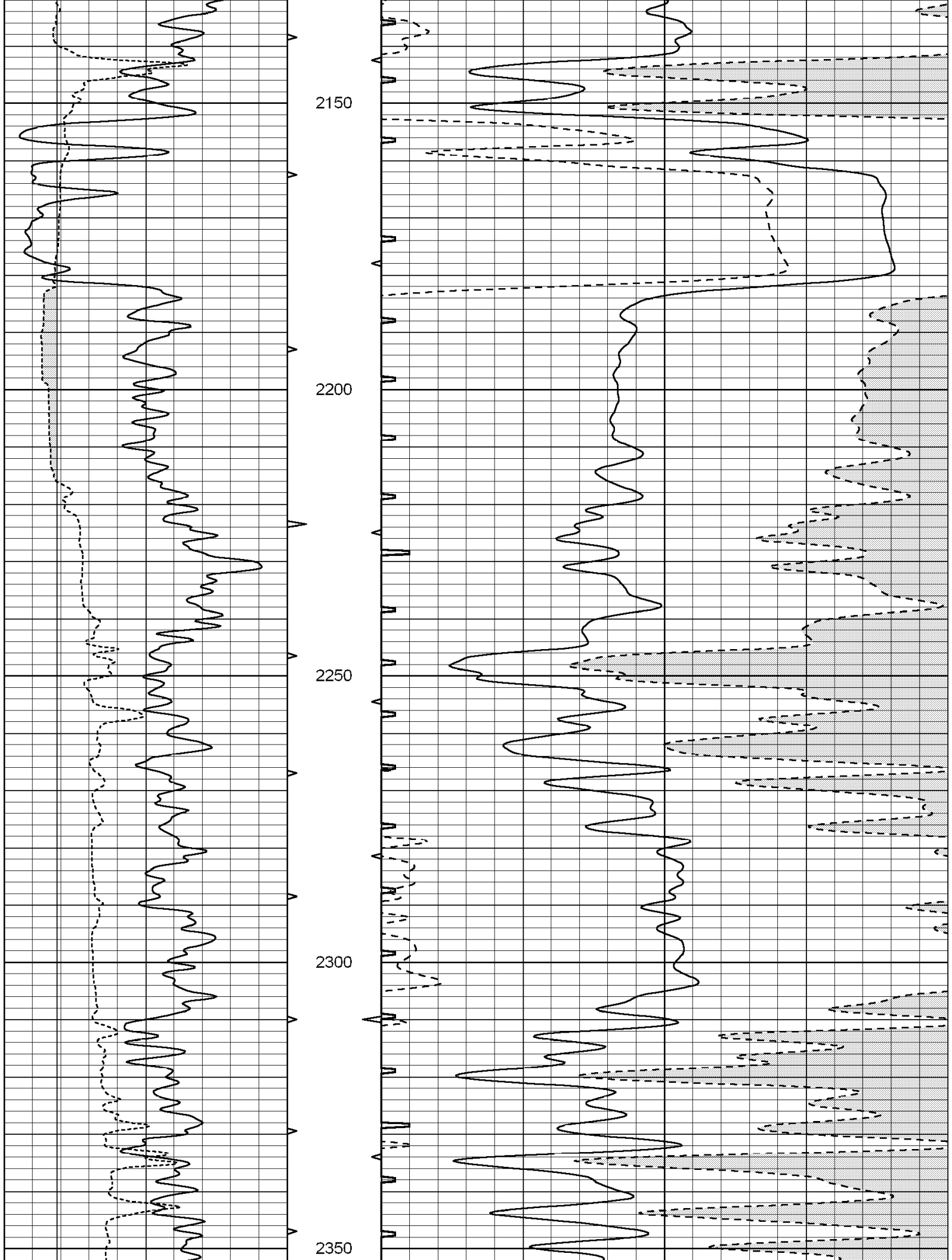
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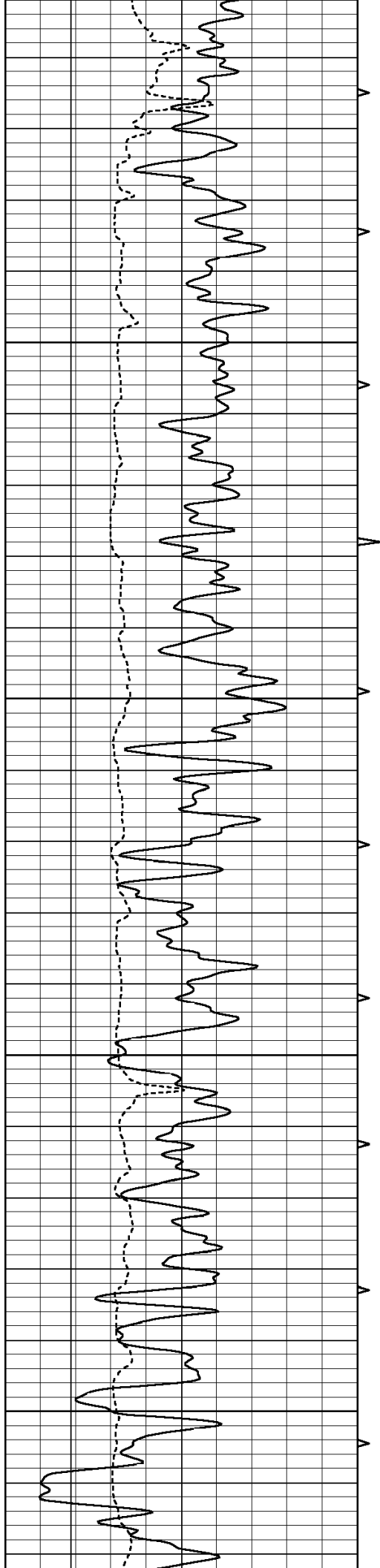










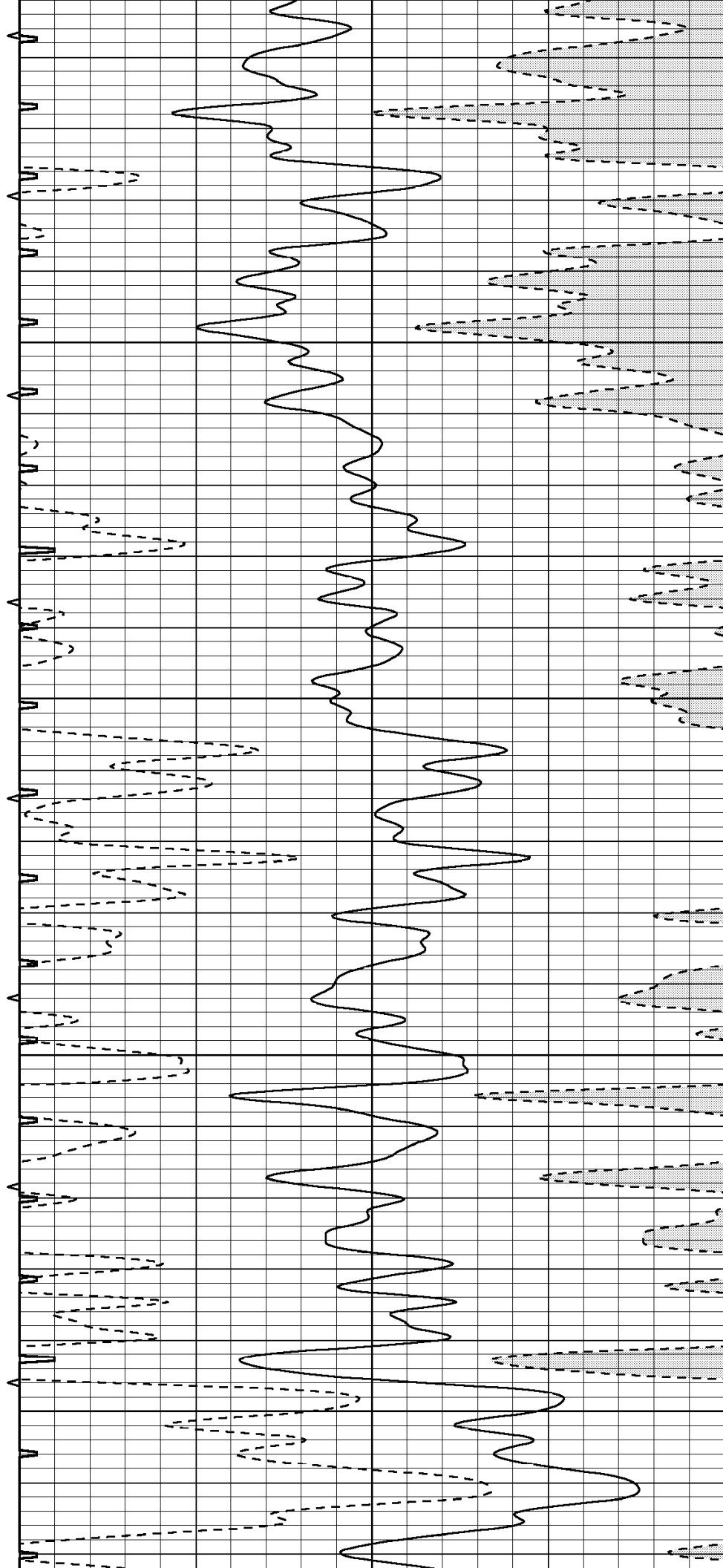


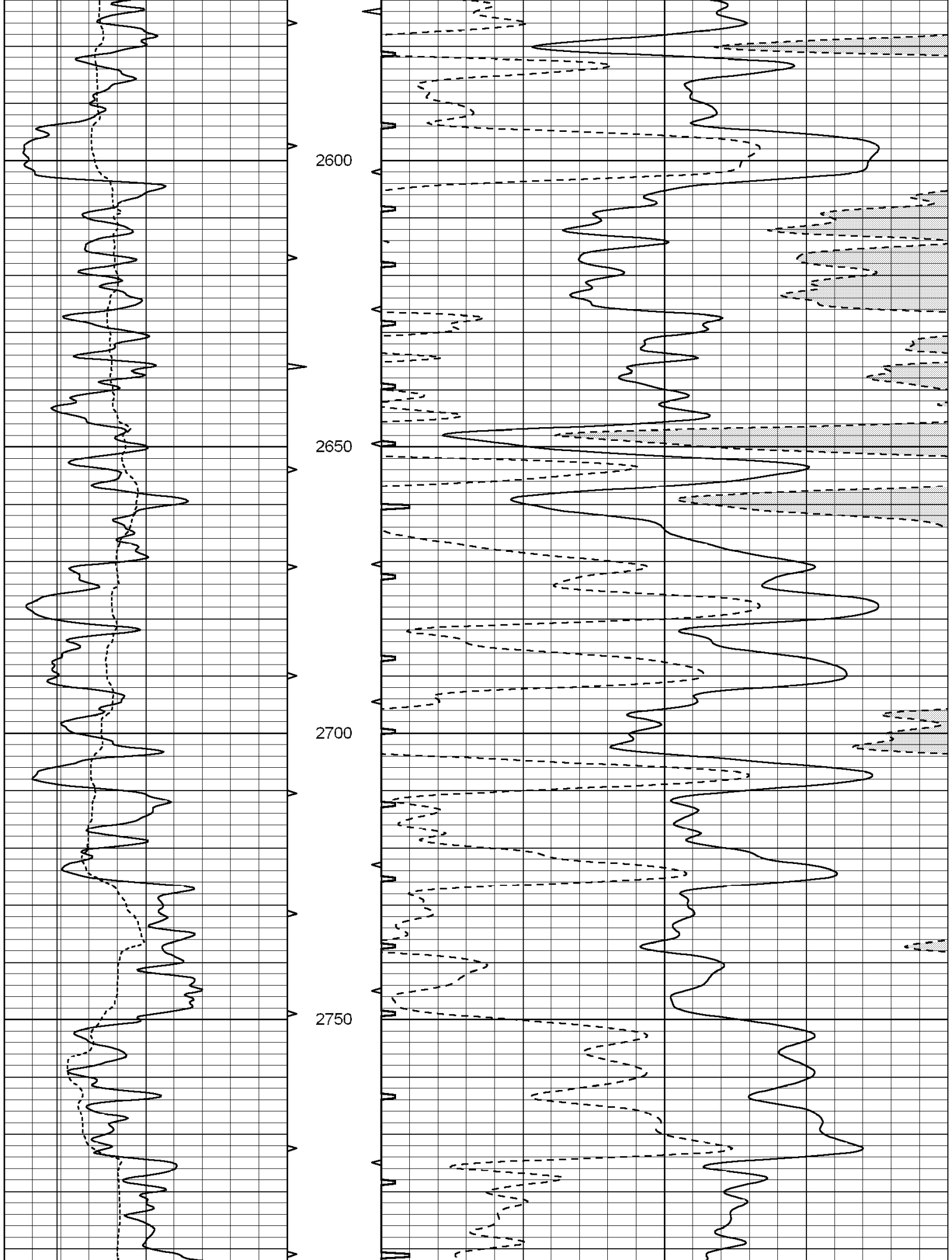
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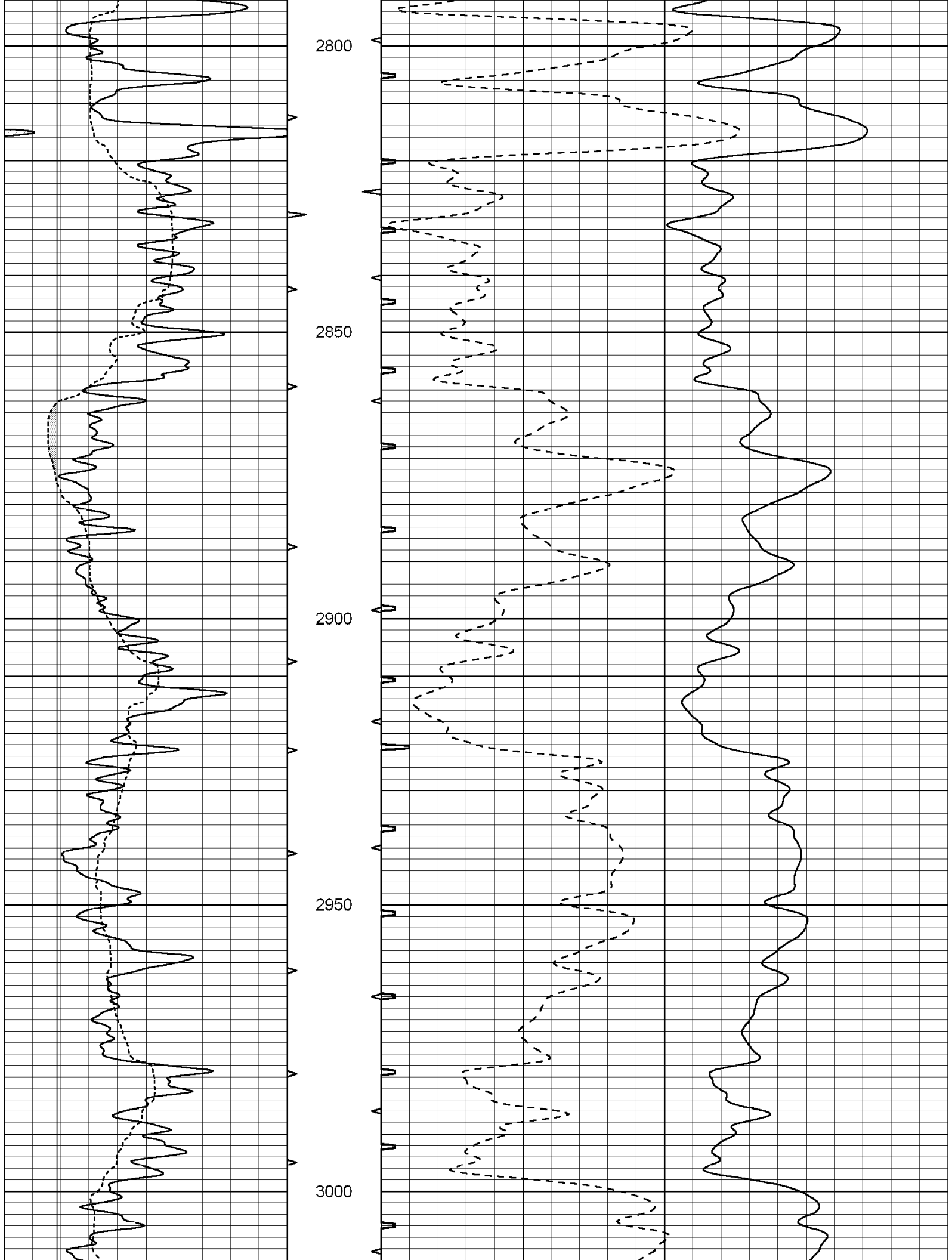
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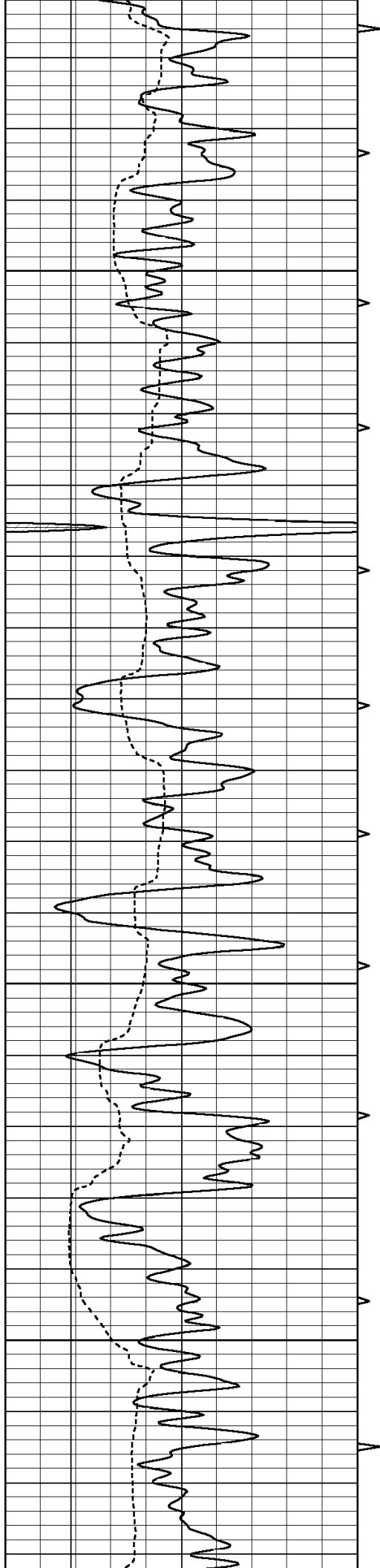
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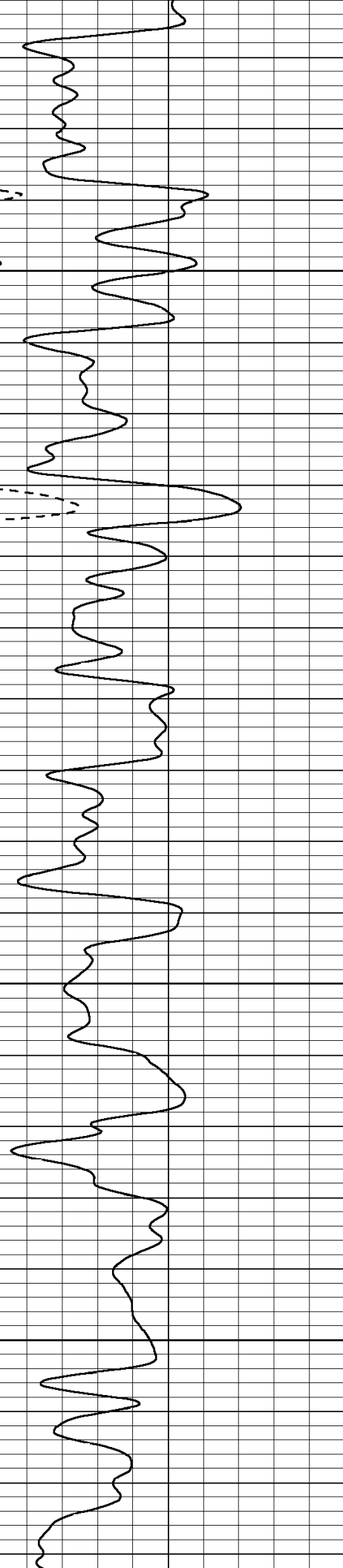
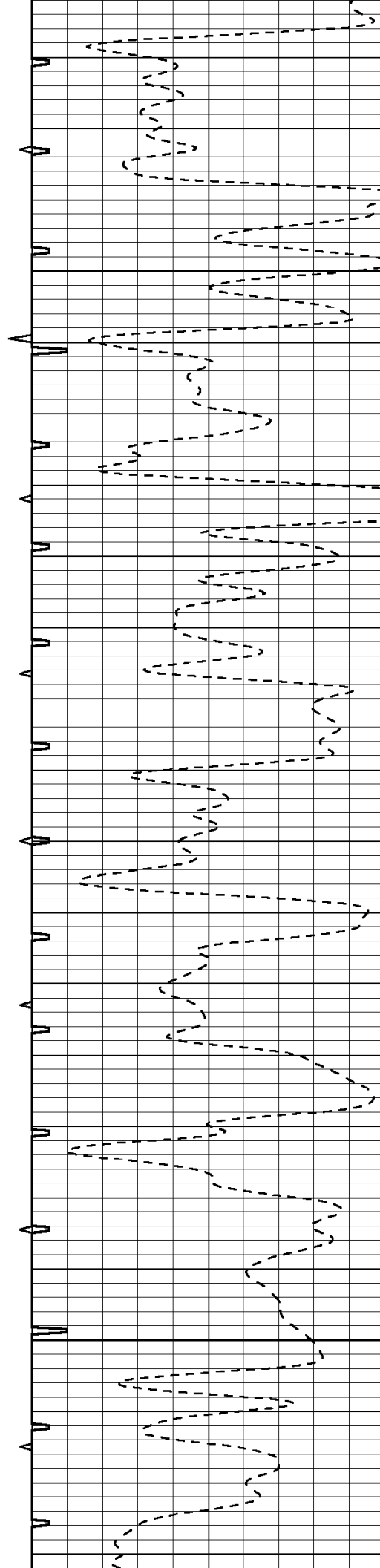


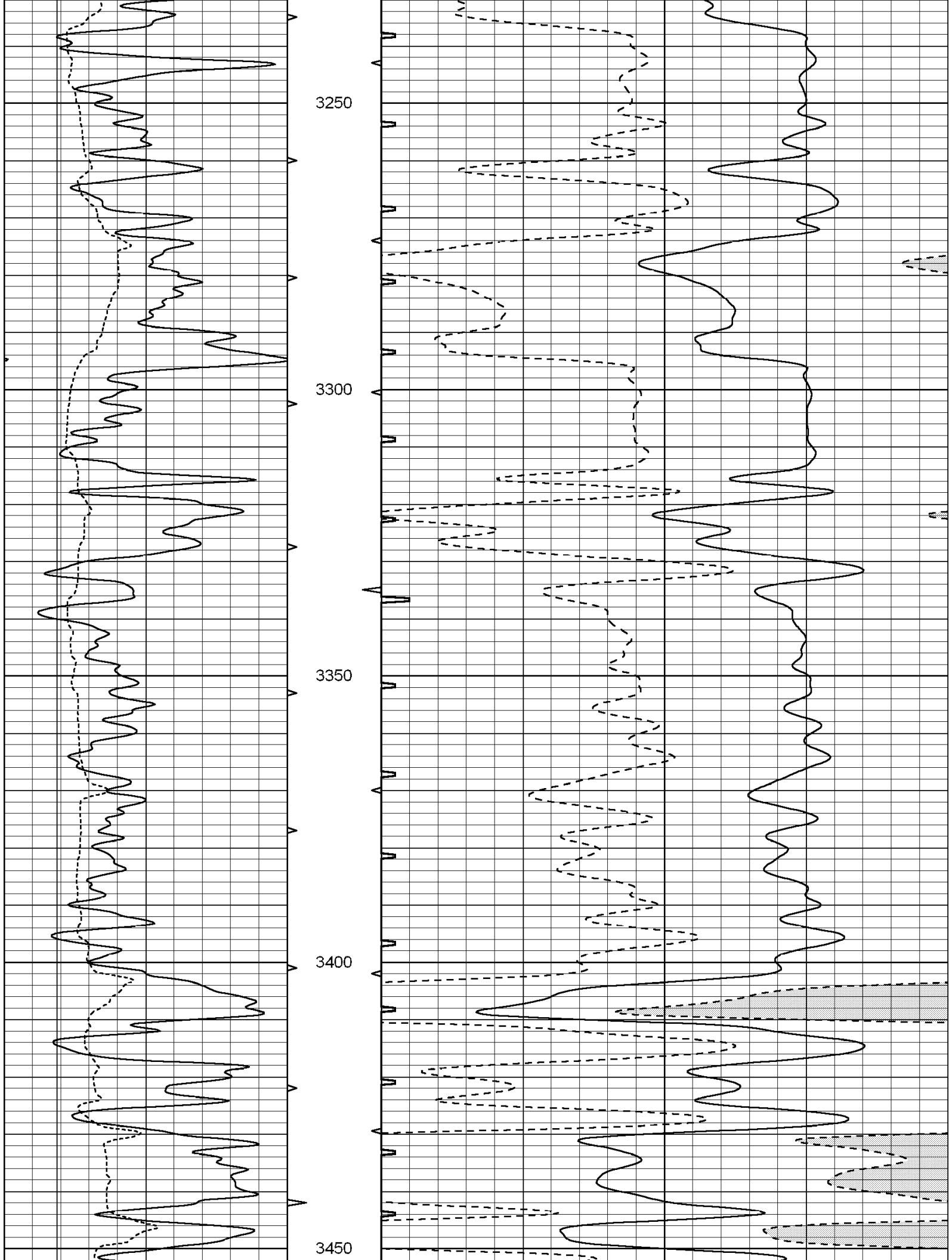
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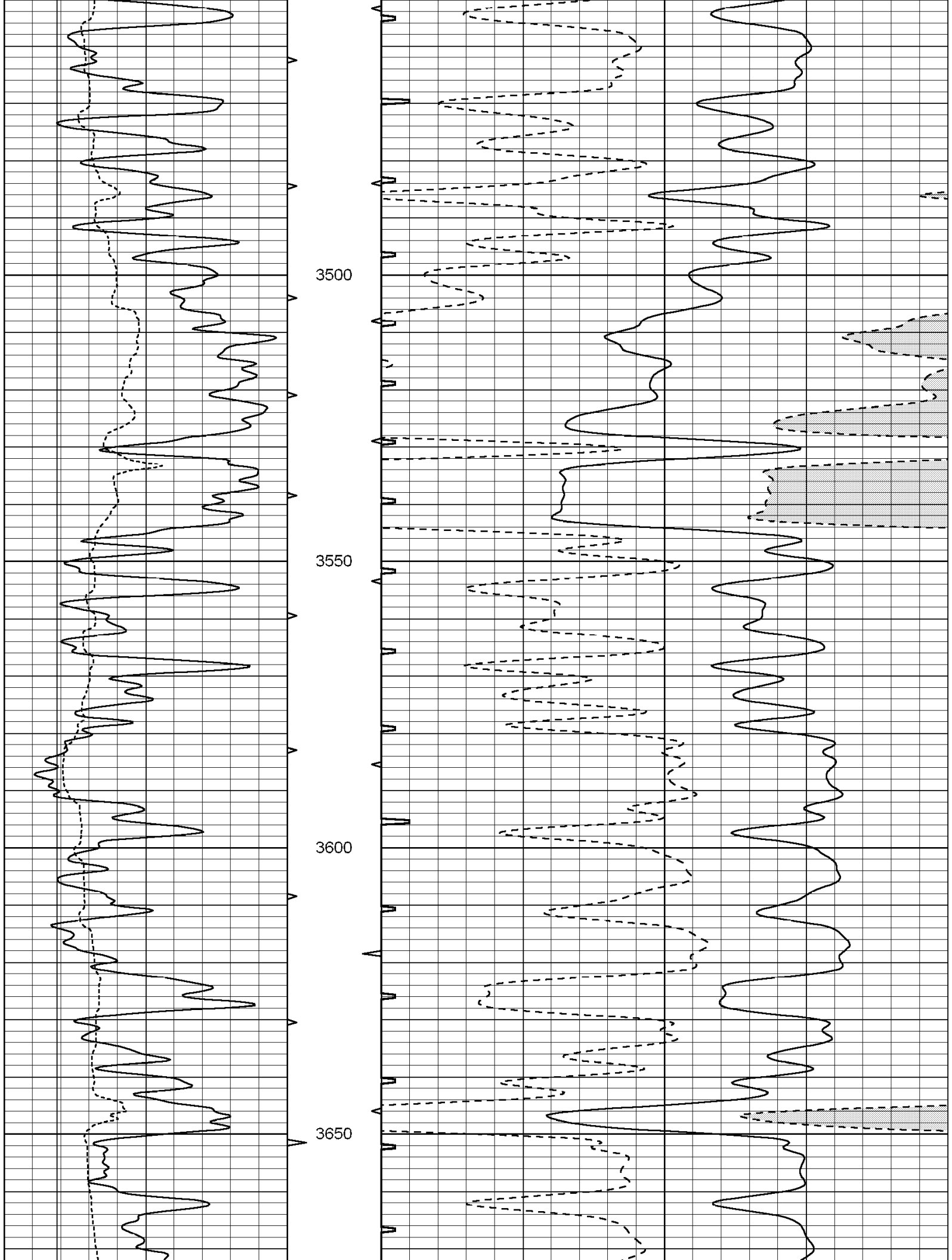
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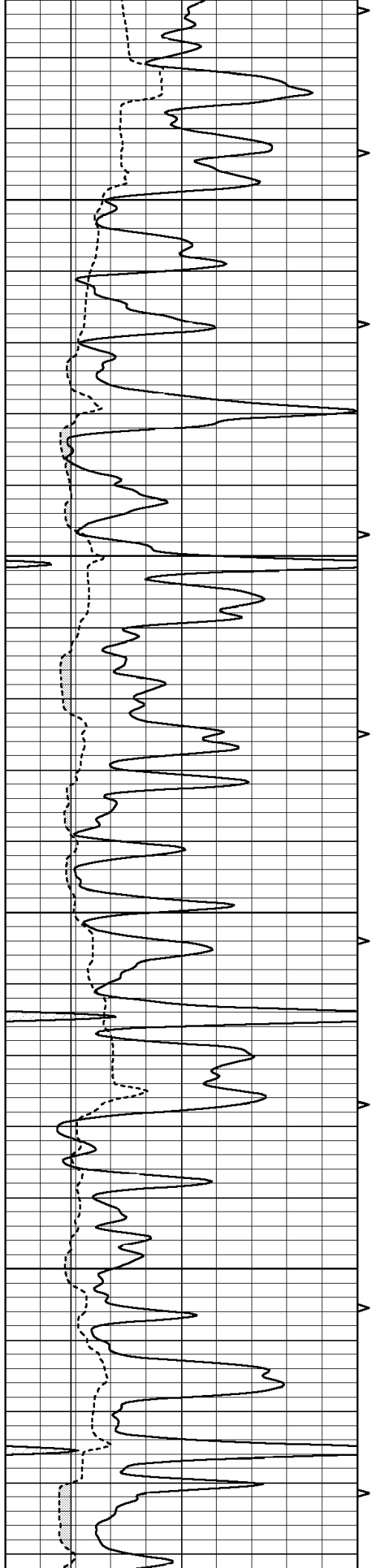
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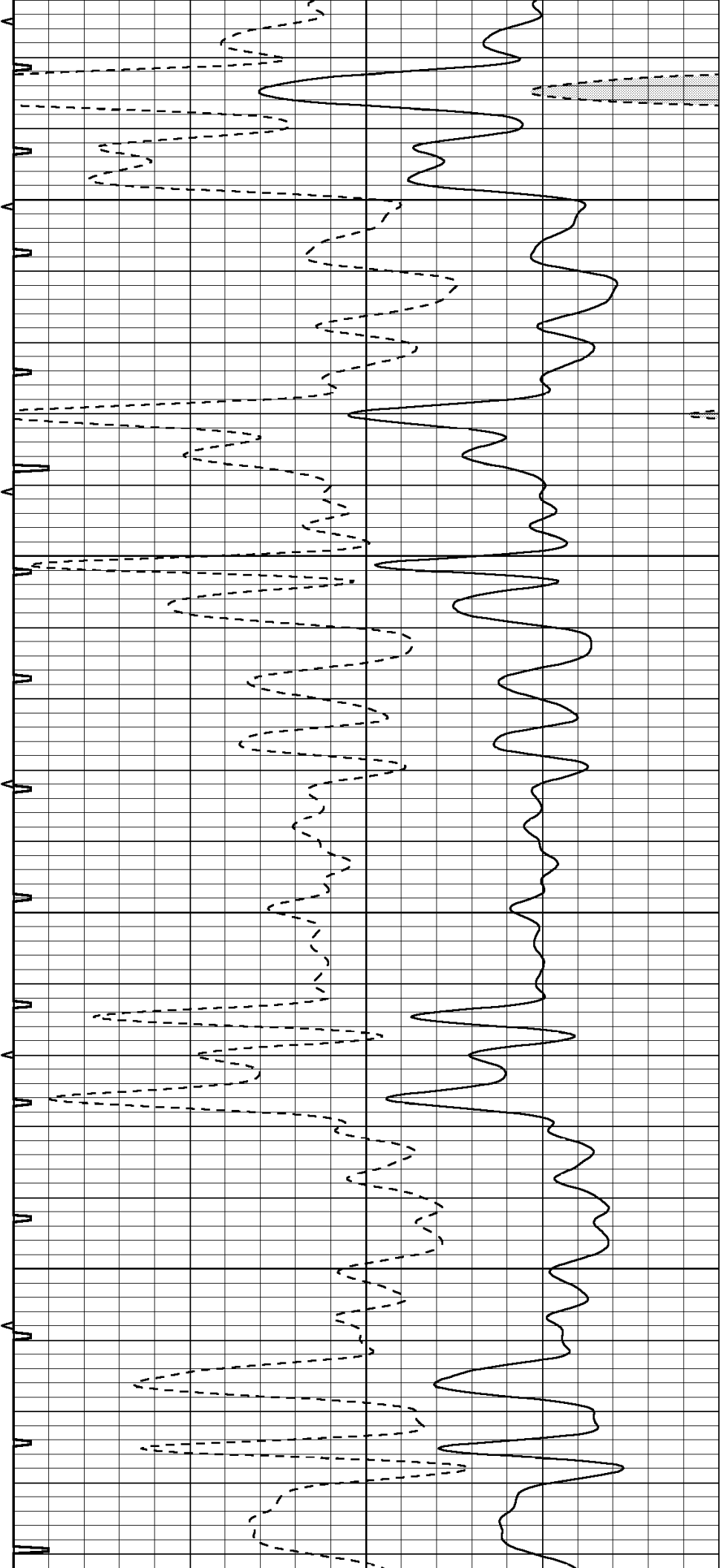


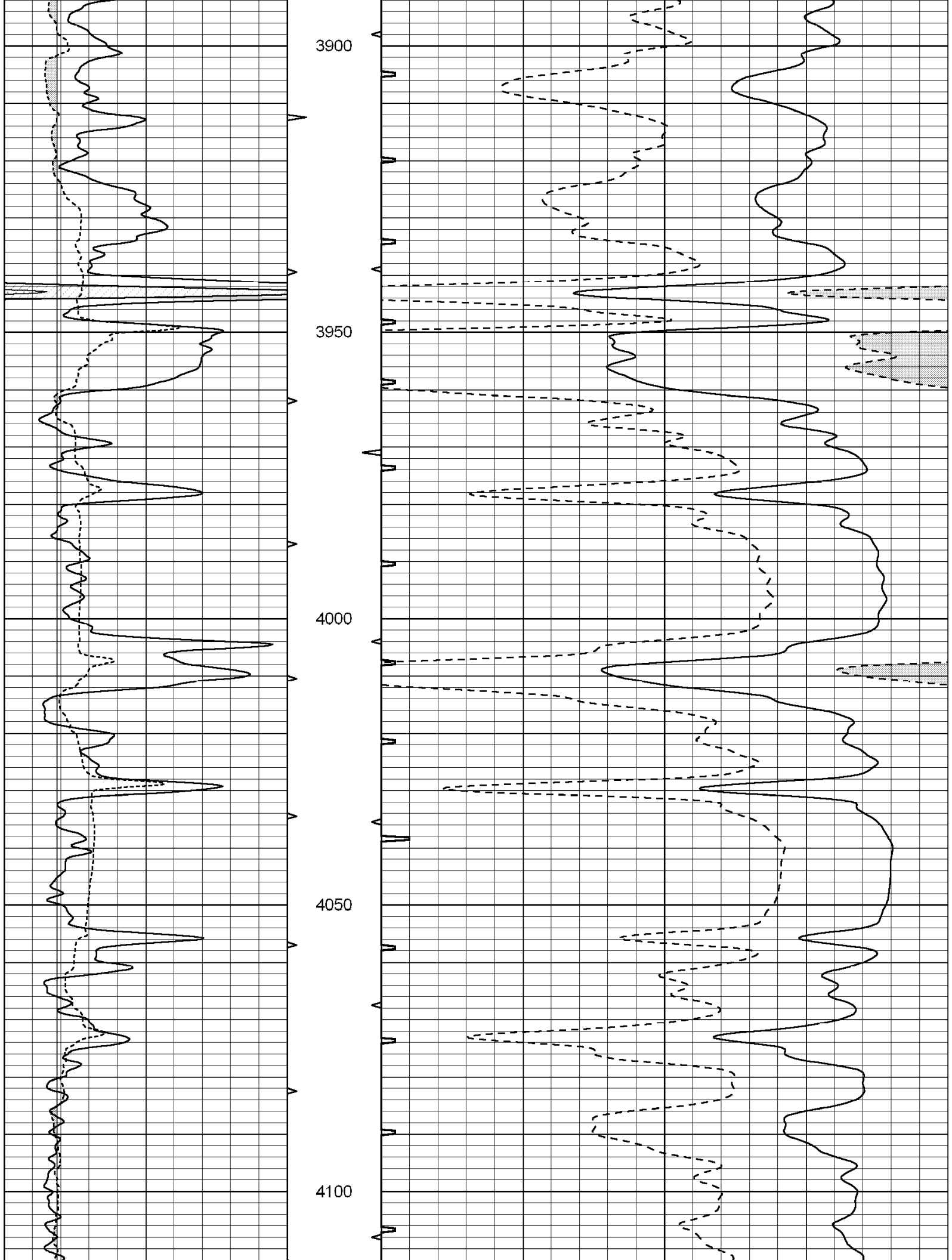
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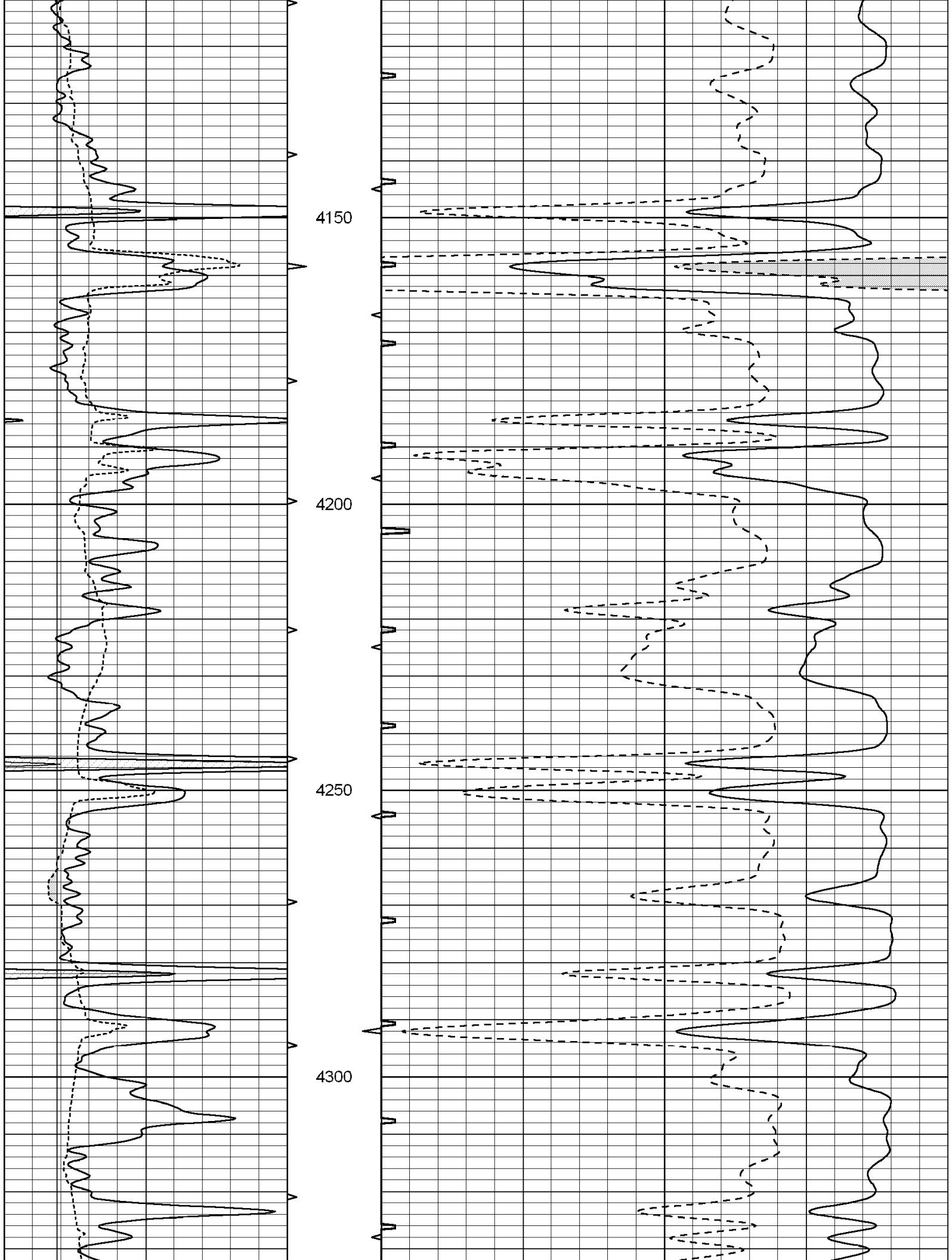
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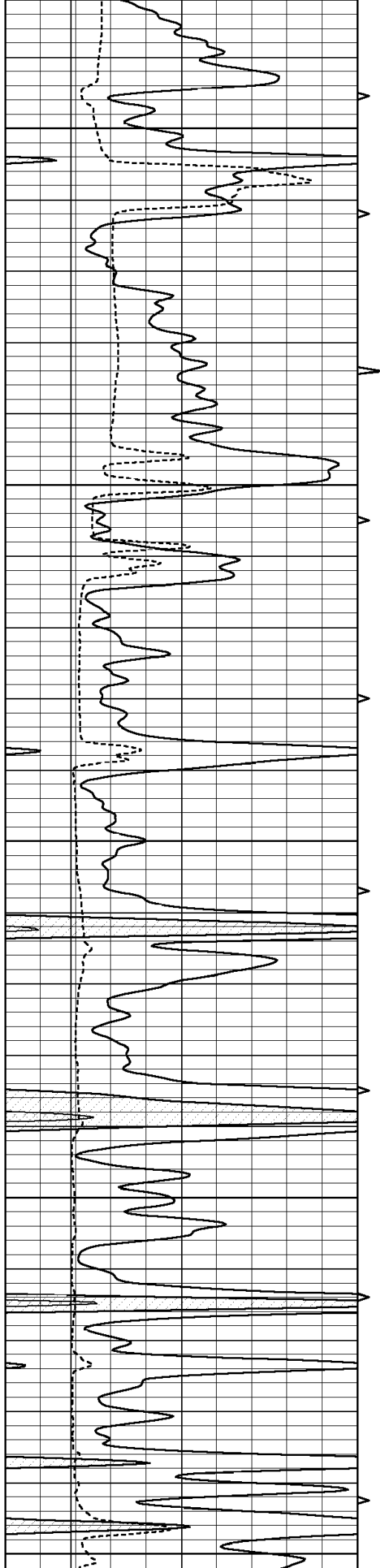
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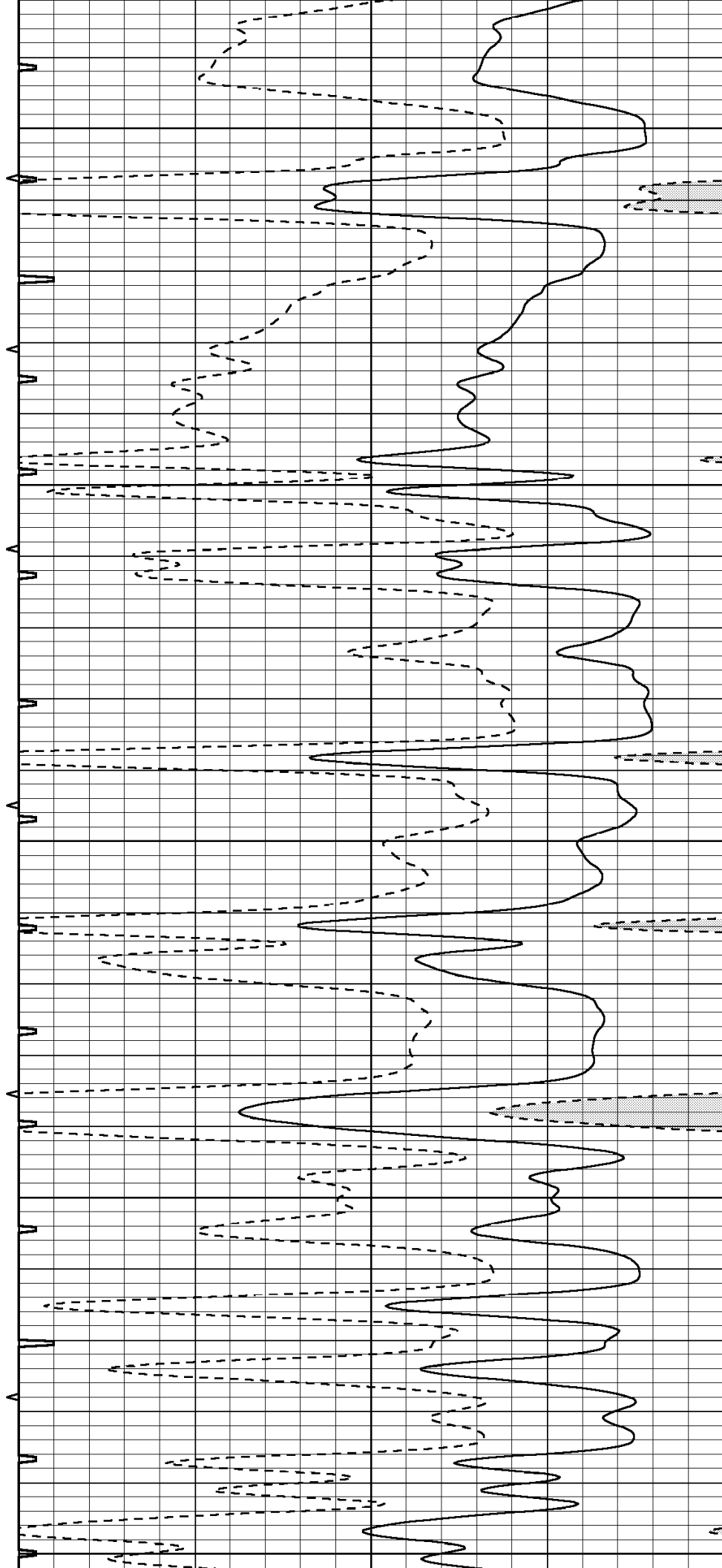
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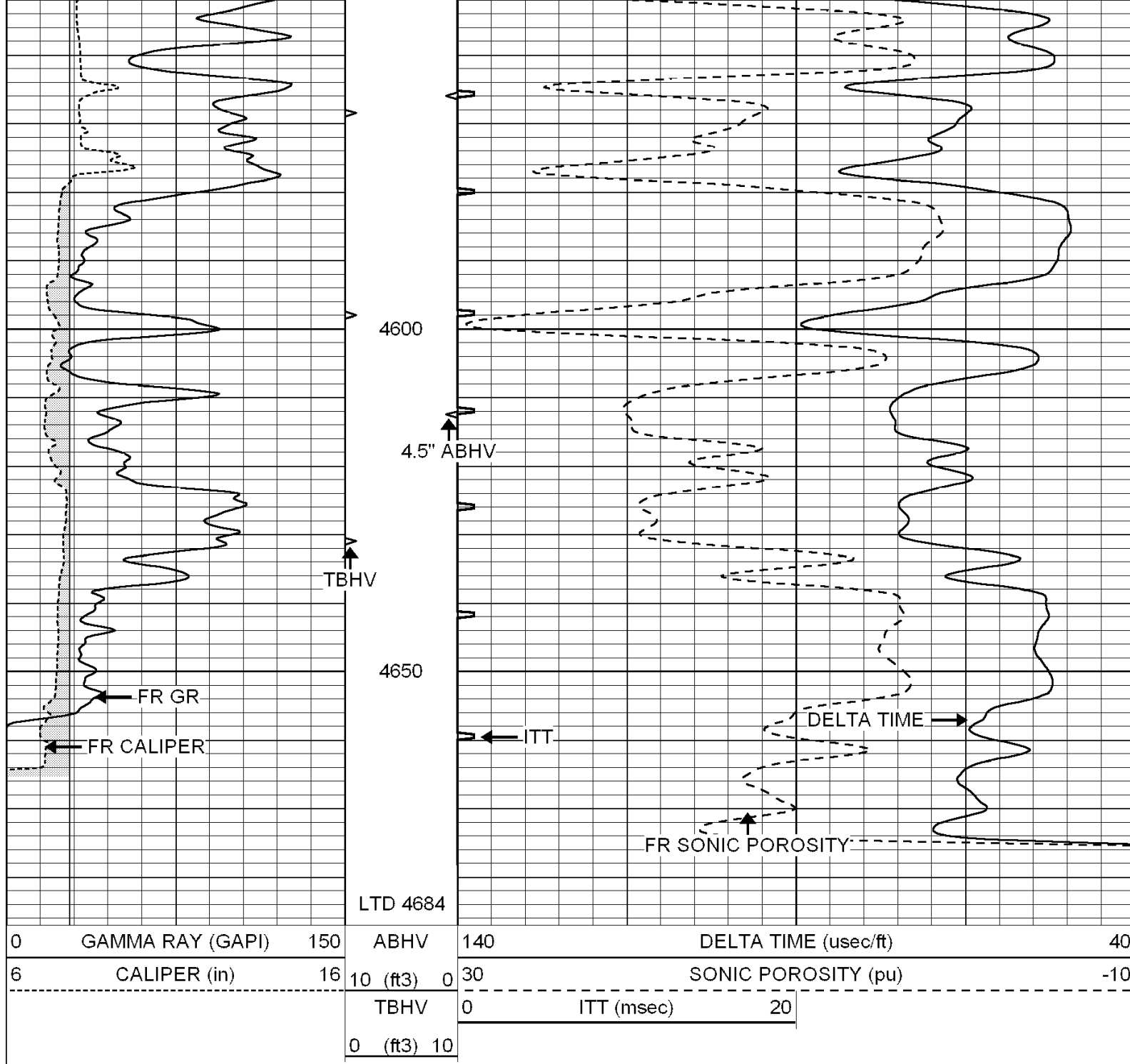
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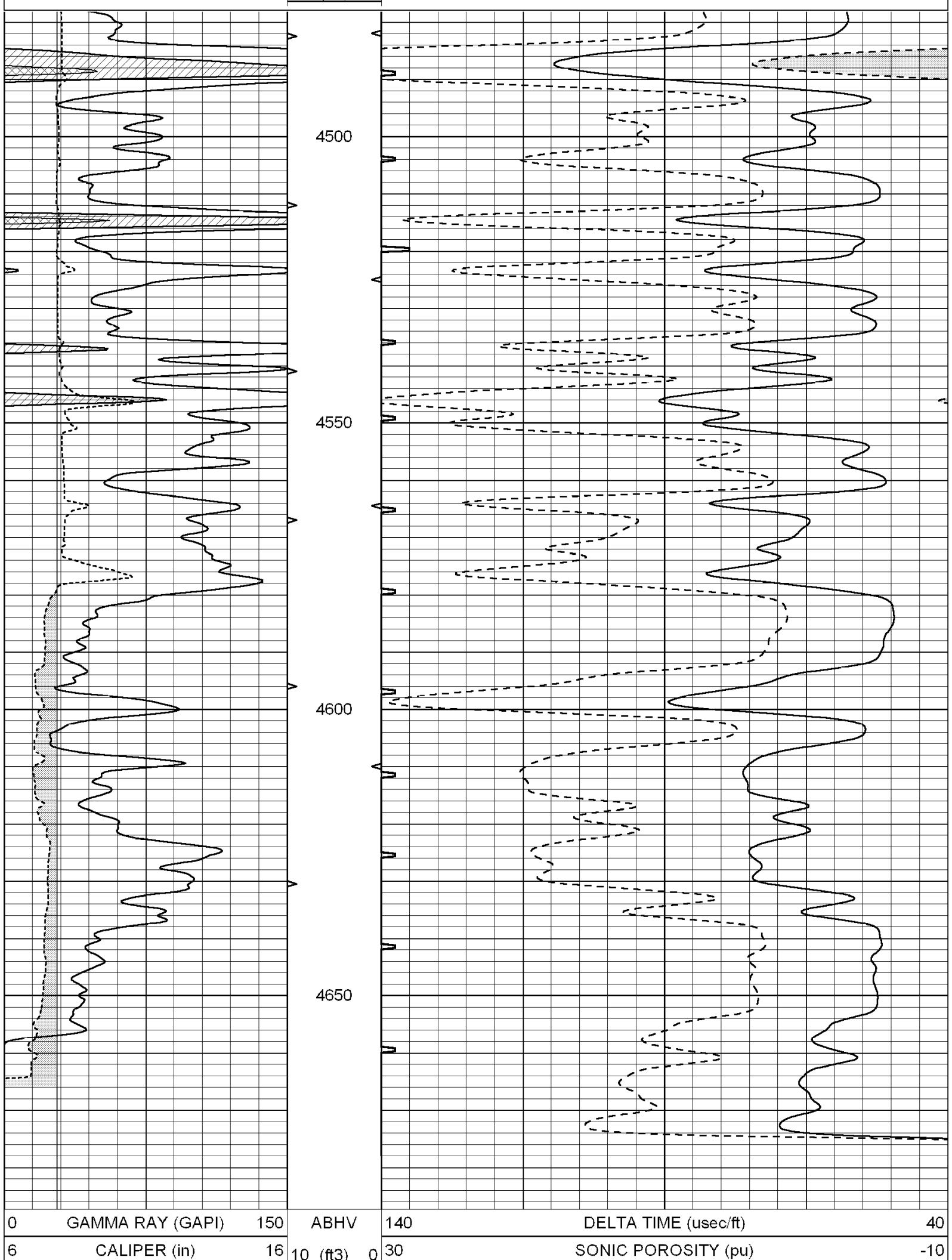


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REPEAT SECTION

Database File: 004062pe.db
 Dataset Pathname: pass6.3
 Presentation Format: slt
 Dataset Creation: Mon Aug 31 23:32:39 2009 by Calc Open-Cased 060407
 Charted by: Depth in Feet scaled 1:240

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