



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**SONIC  
LOG**

Company VINCENT OIL CORPORATION  
Well HAWES RANCH #2-22  
Field GREAT MOGUL CANYON  
County FORD  
State KANSAS

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Well HAWES RANCH #2-22  
Field GREAT MOGUL CANYON  
County FORD State KANSAS

Location: API # : 15-057-20939-0000  
2360' FSL & 2100' FEL  
SEC 22 TWP 28S RGE 23W  
Permanent Datum GROUND LEVEL Elevation 2480  
Log Measured From KELLY BUSHING 10' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL/PE  
DIL/MEL  
Elevation  
K.B. 2490  
D.F. 2488  
G.L. 2480

Date	9/12/14		
Run Number	TWO		
Depth Driller	5215		
Depth Logger	5214		
Bottom Logged Interval	5204		
Top Log Interval	600		
Casing Driller	8 5/8" @ 639'		
Casing Logger	642		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9400 PPM	
Density / Viscosity	9.1/48		
pH / Fluid Loss	10.5/10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.60 @ 60F		
Rmf @ Meas. Temp	.45 @ 60F		
Rmc @ Meas. Temp	.72 @ 60F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.28 @ 127F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	127F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	TOM DUDGEON		

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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**

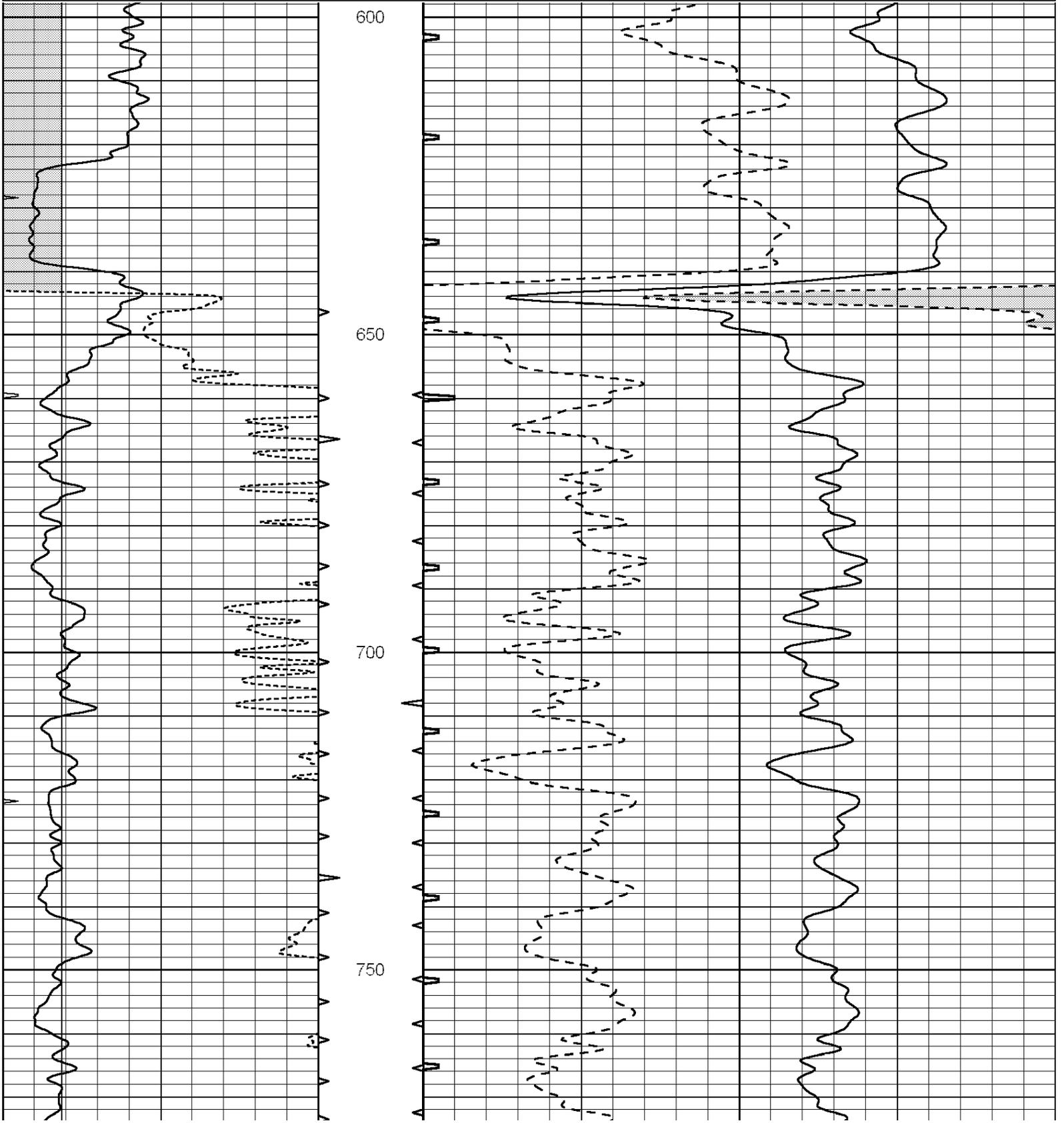
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
FORD, KS. - NORTH TO SADDLE RD. - WEST TO 123 RD. - 2 SOUTH TO UPLAND RD.  
2 WEST TO 121 RD. - 2 1/2 SOUTH - EAST & SOUTH INTO AT TANK BATTERY.

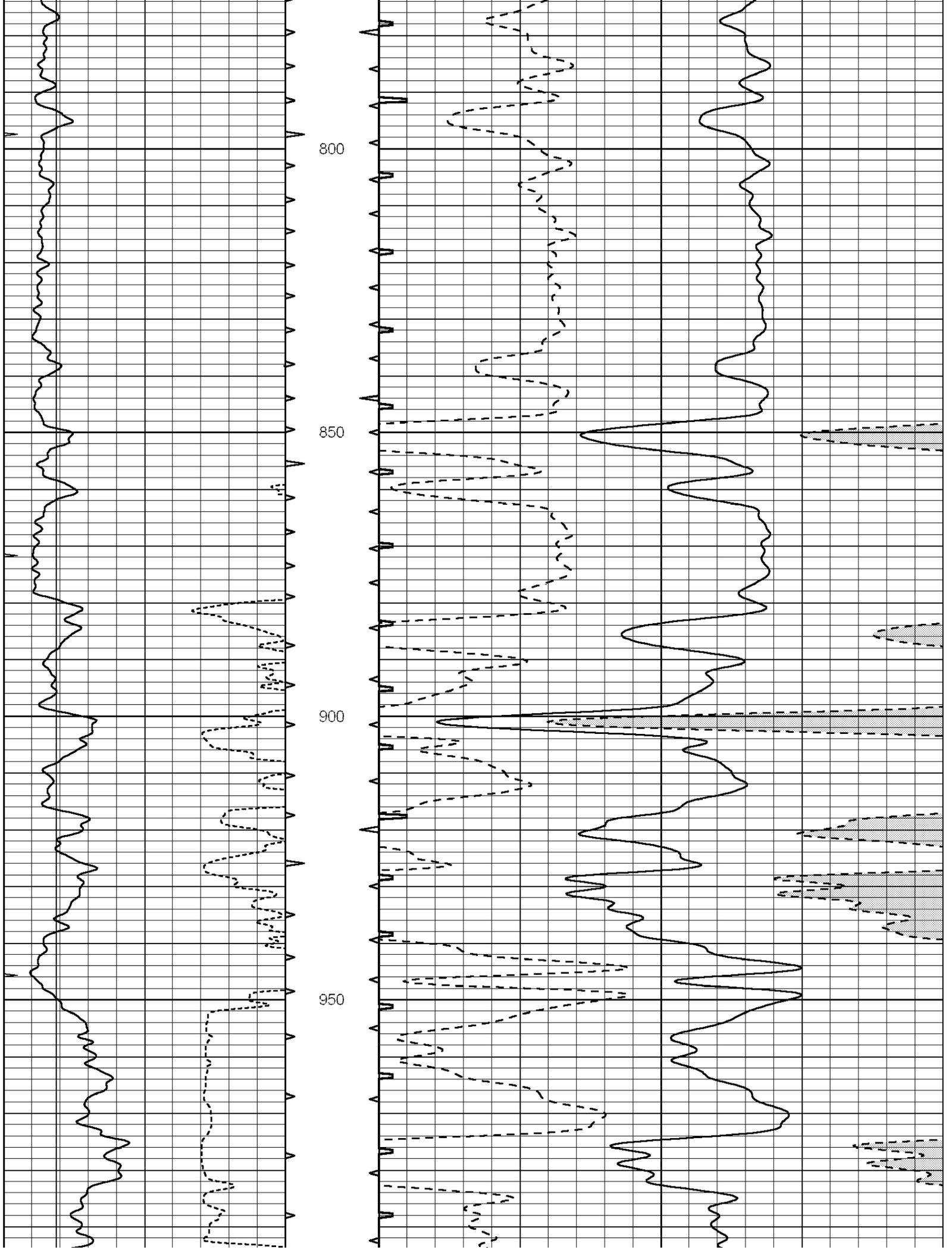


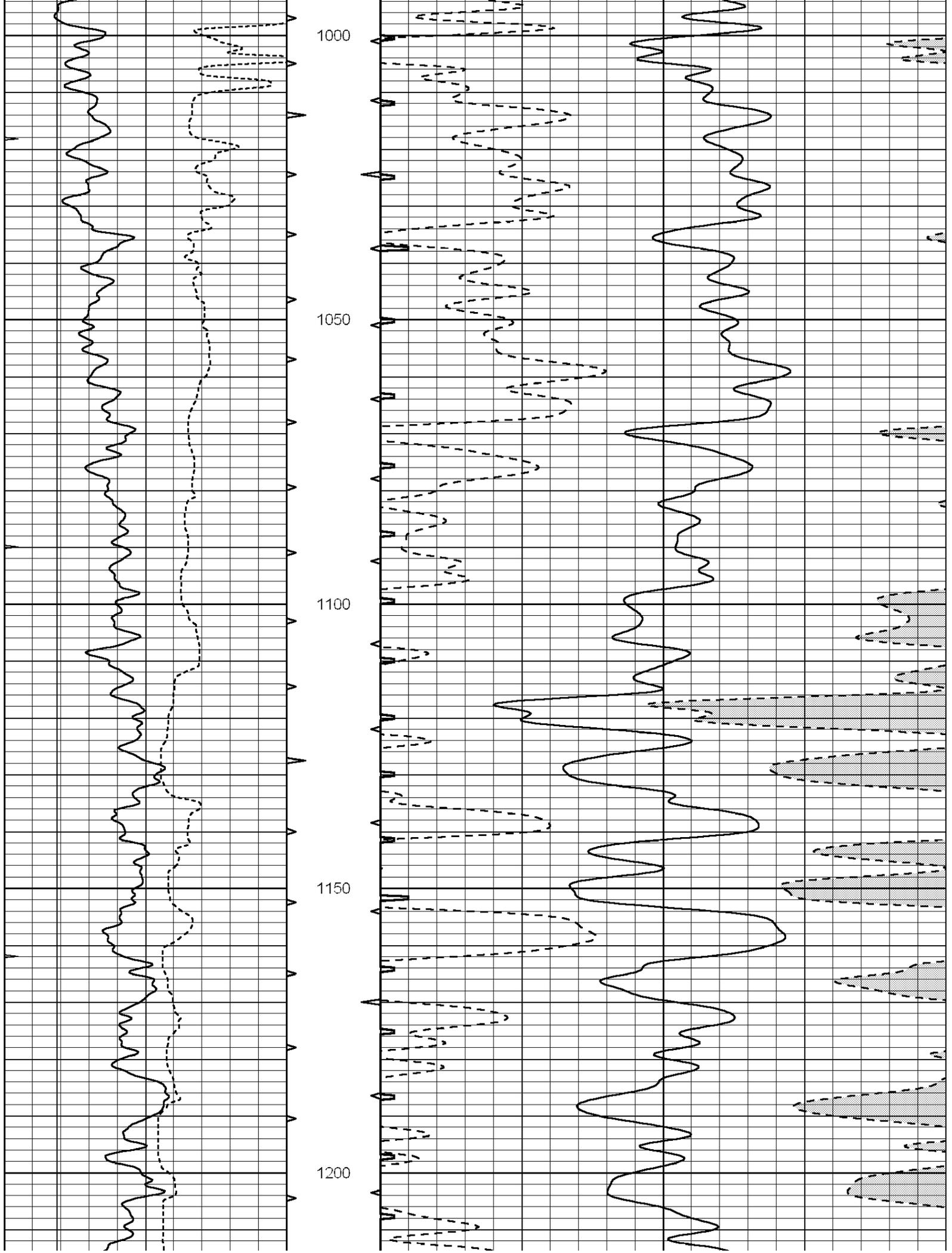
**MAIN SECTION**

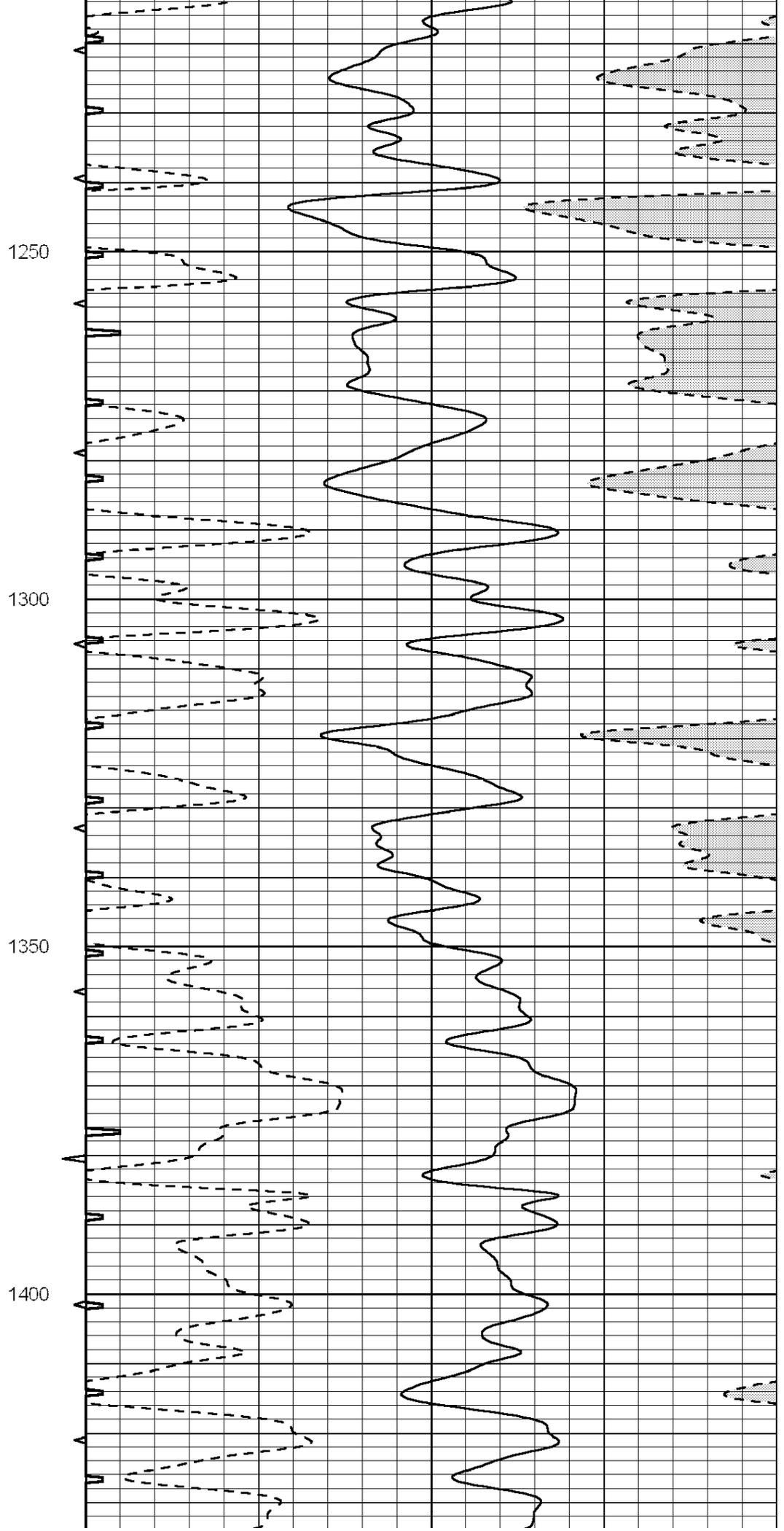
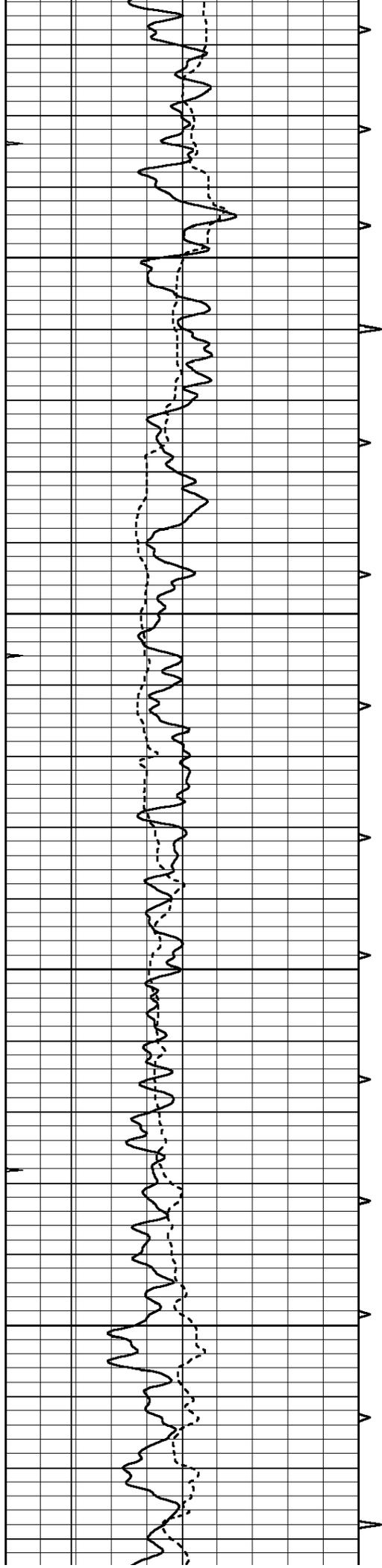
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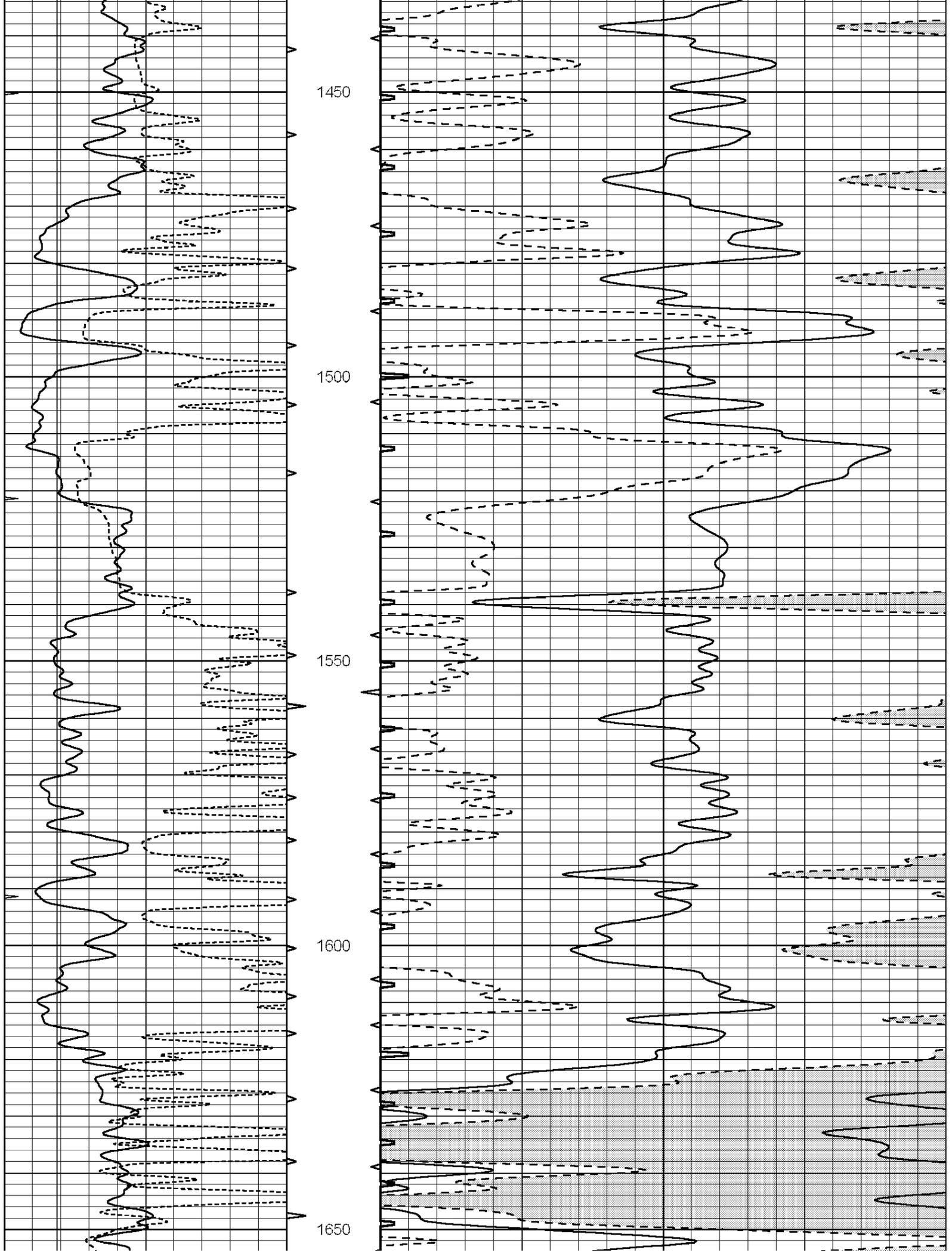
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

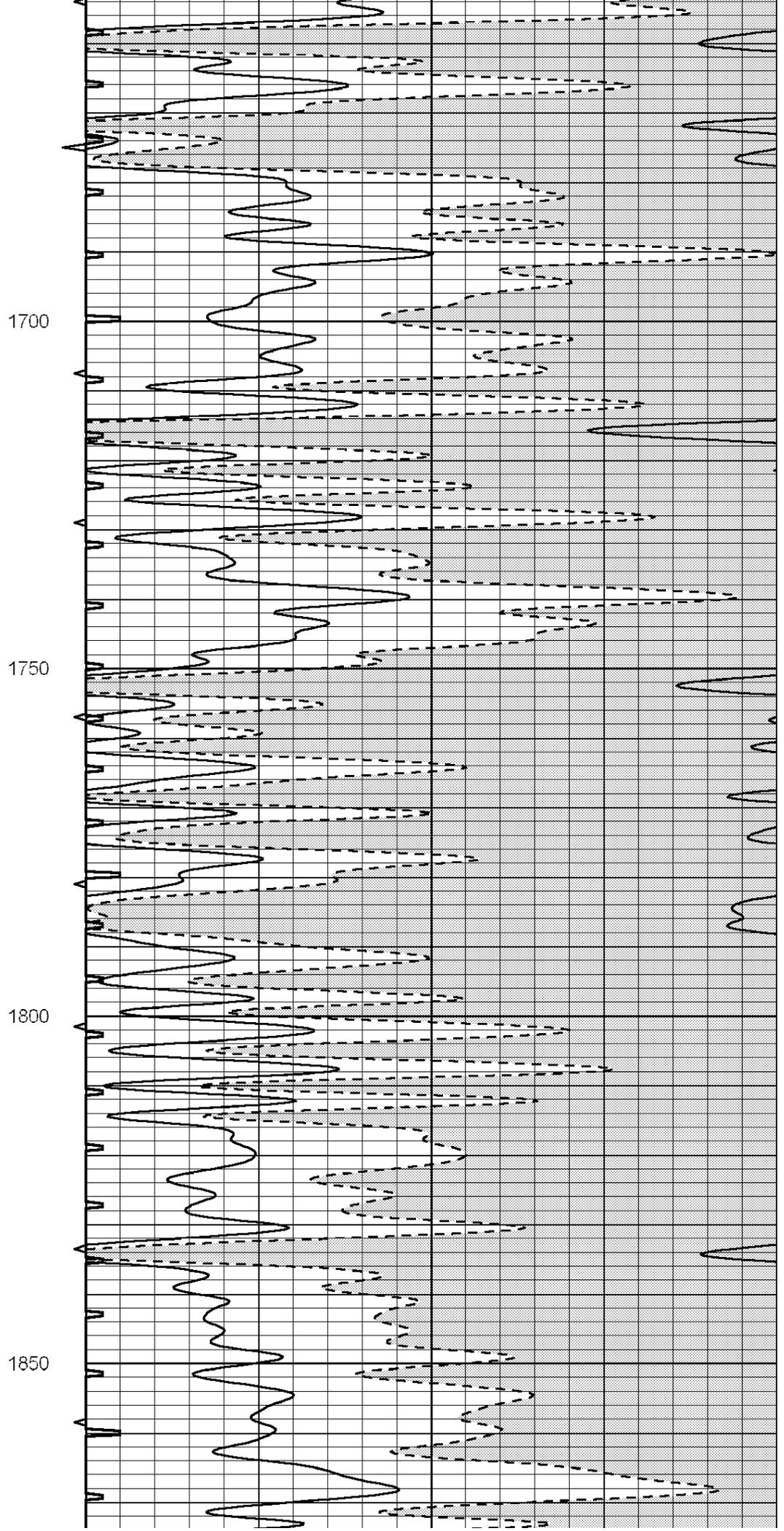
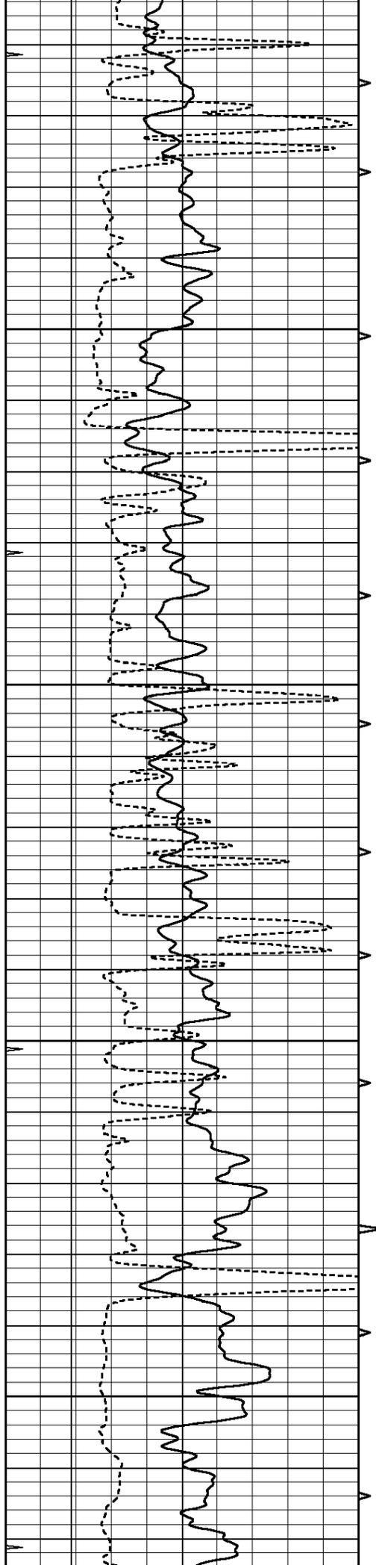


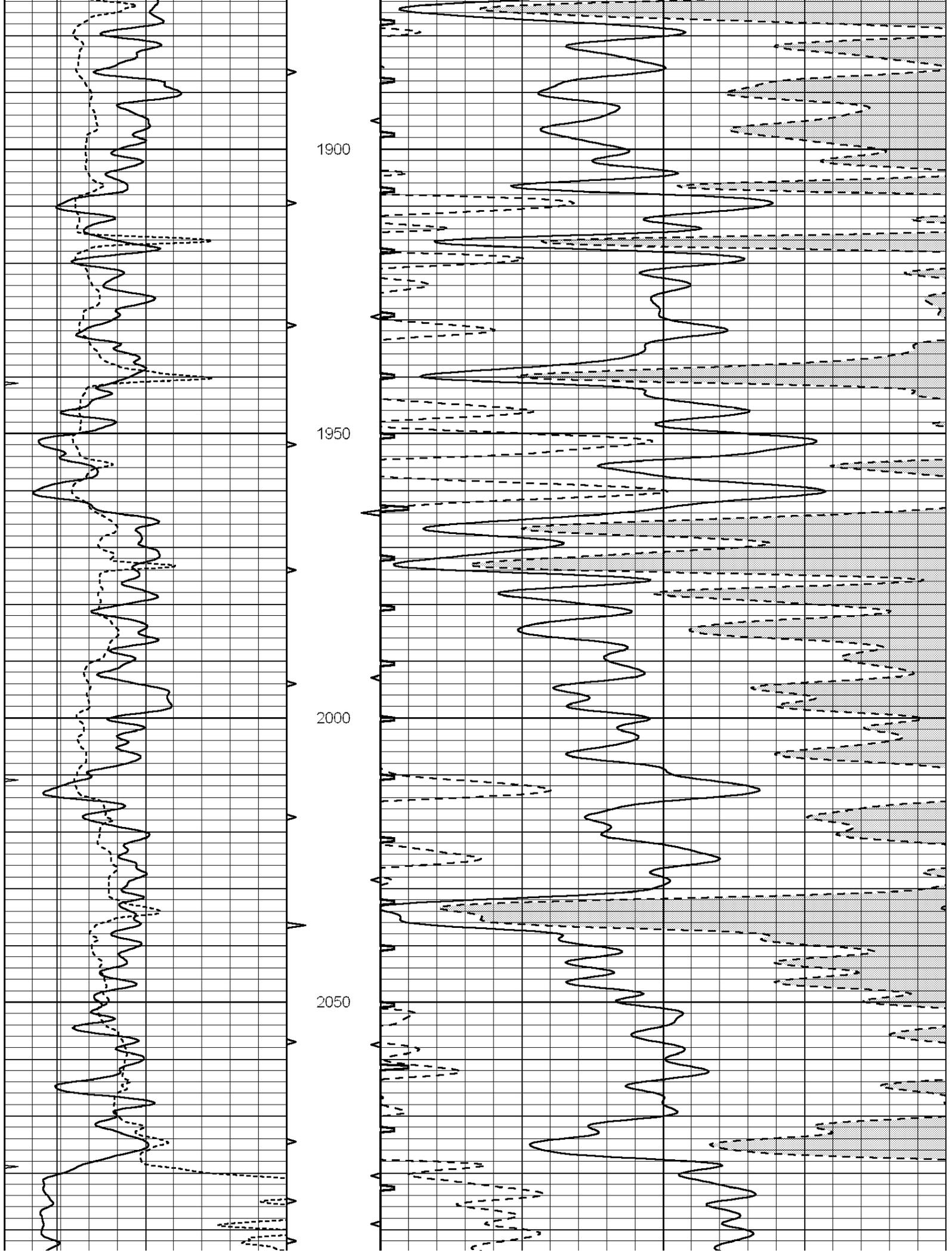


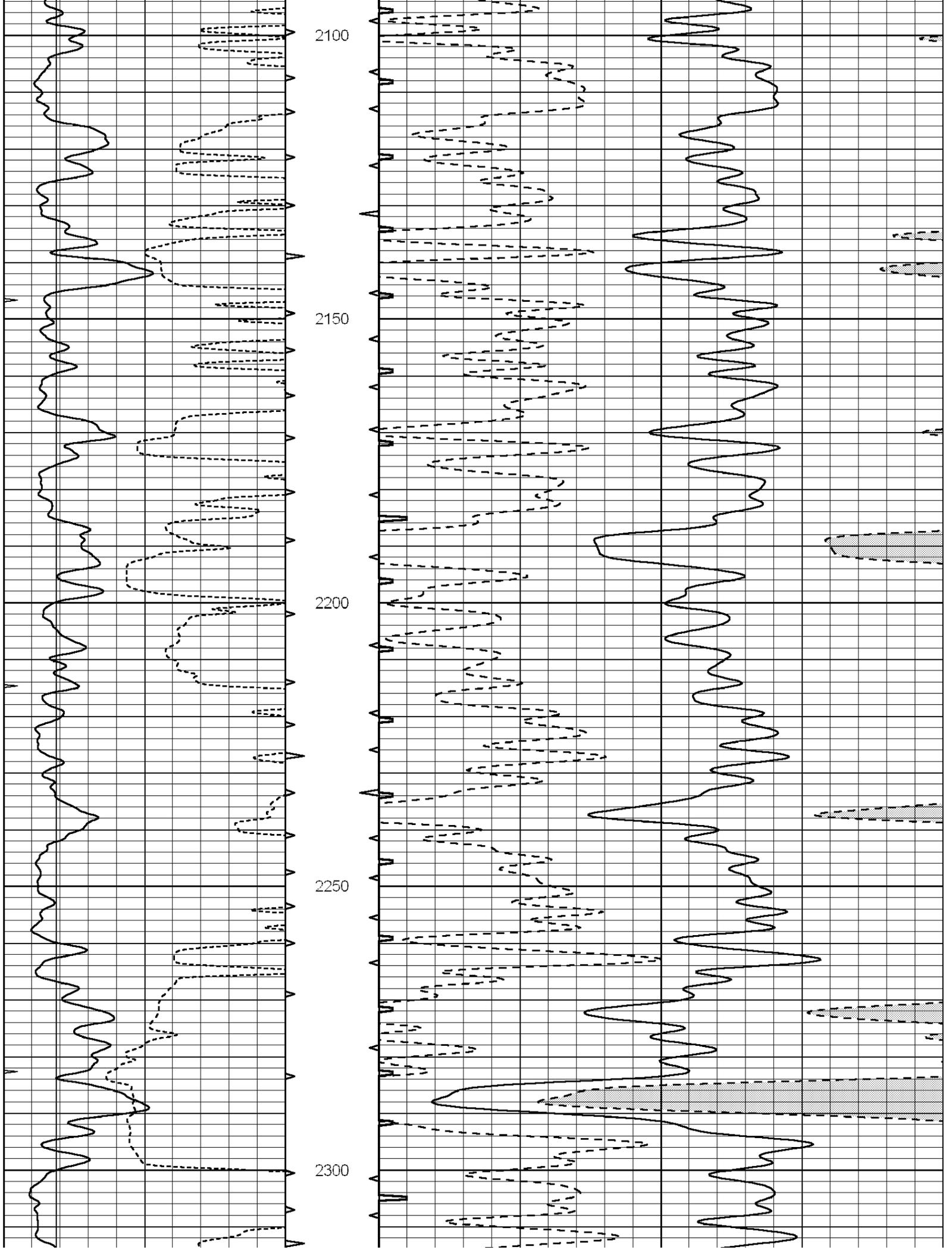


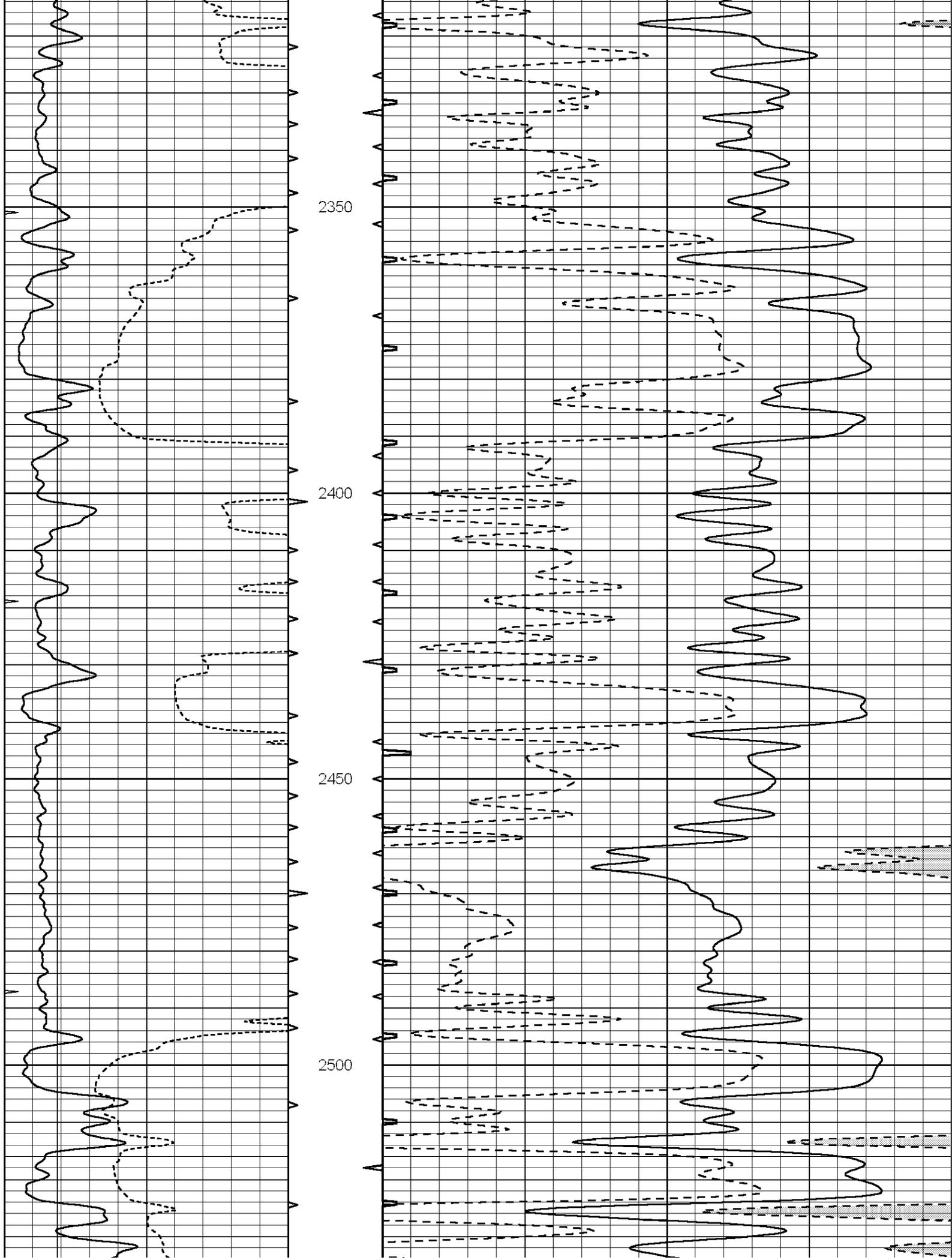


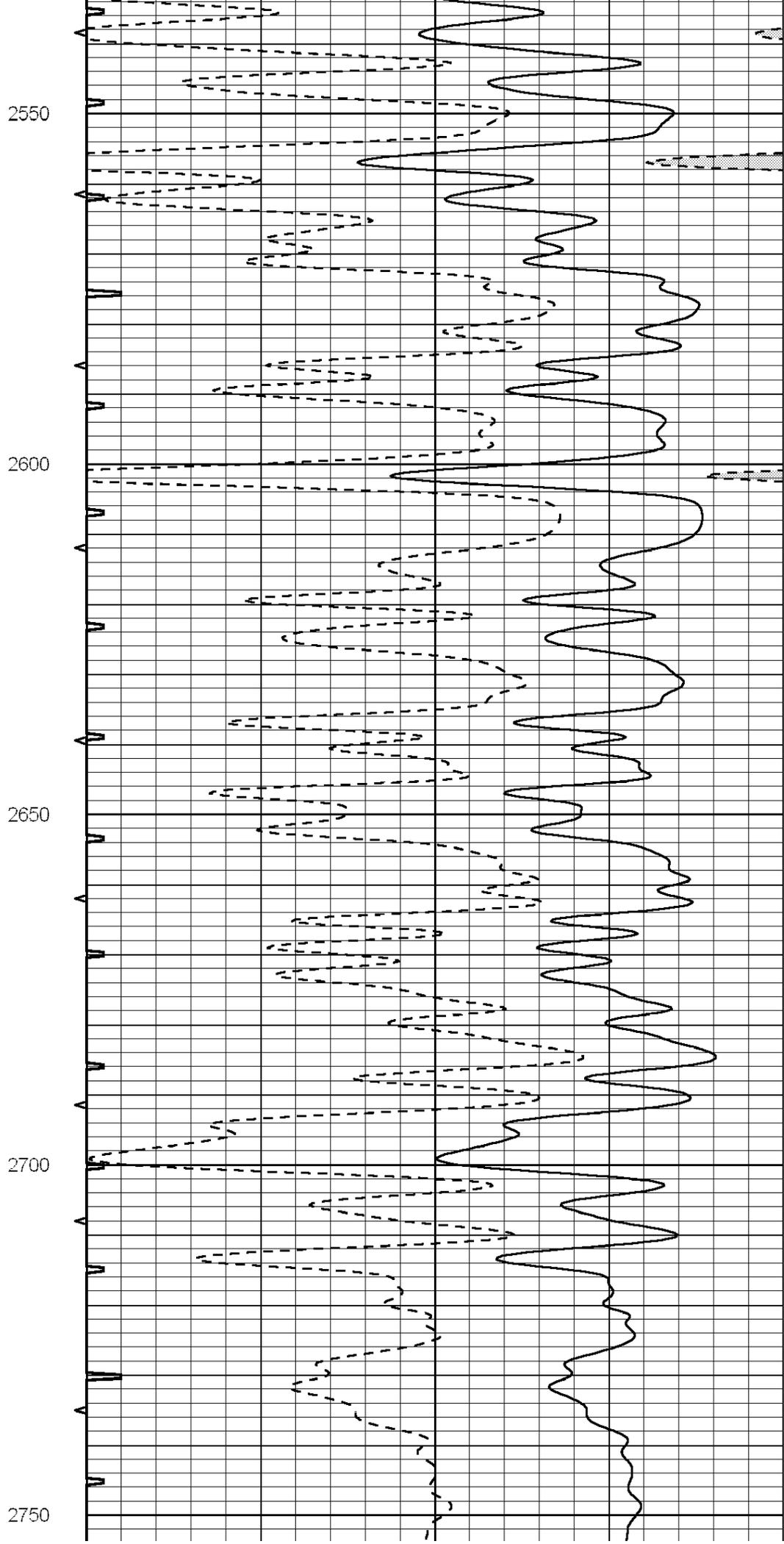
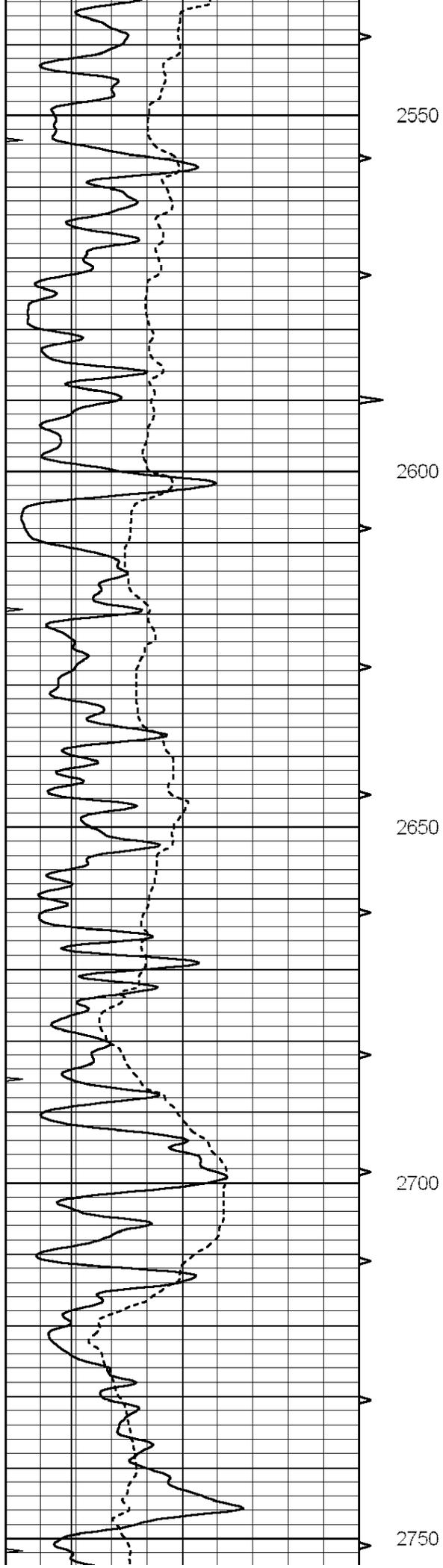


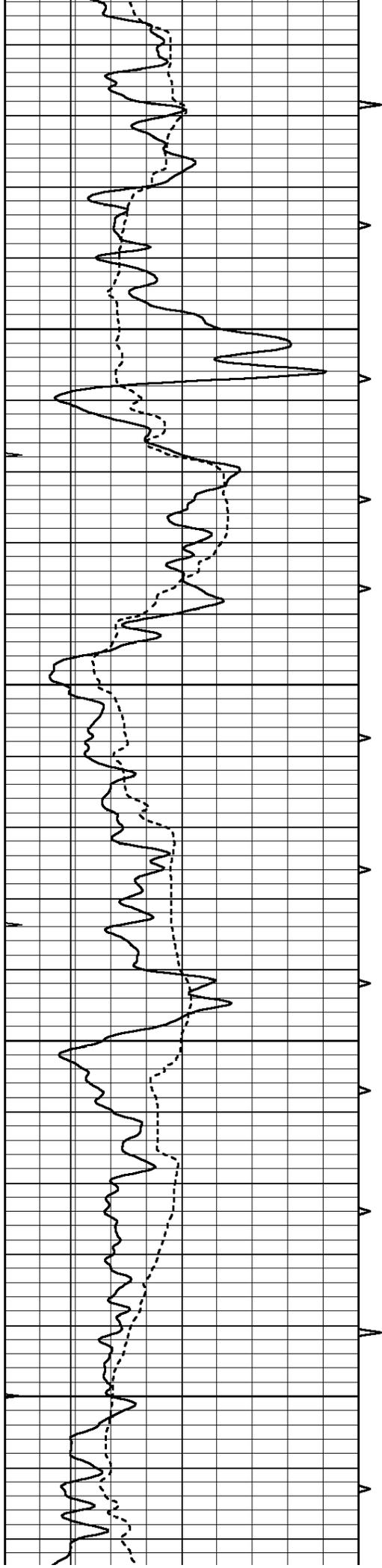










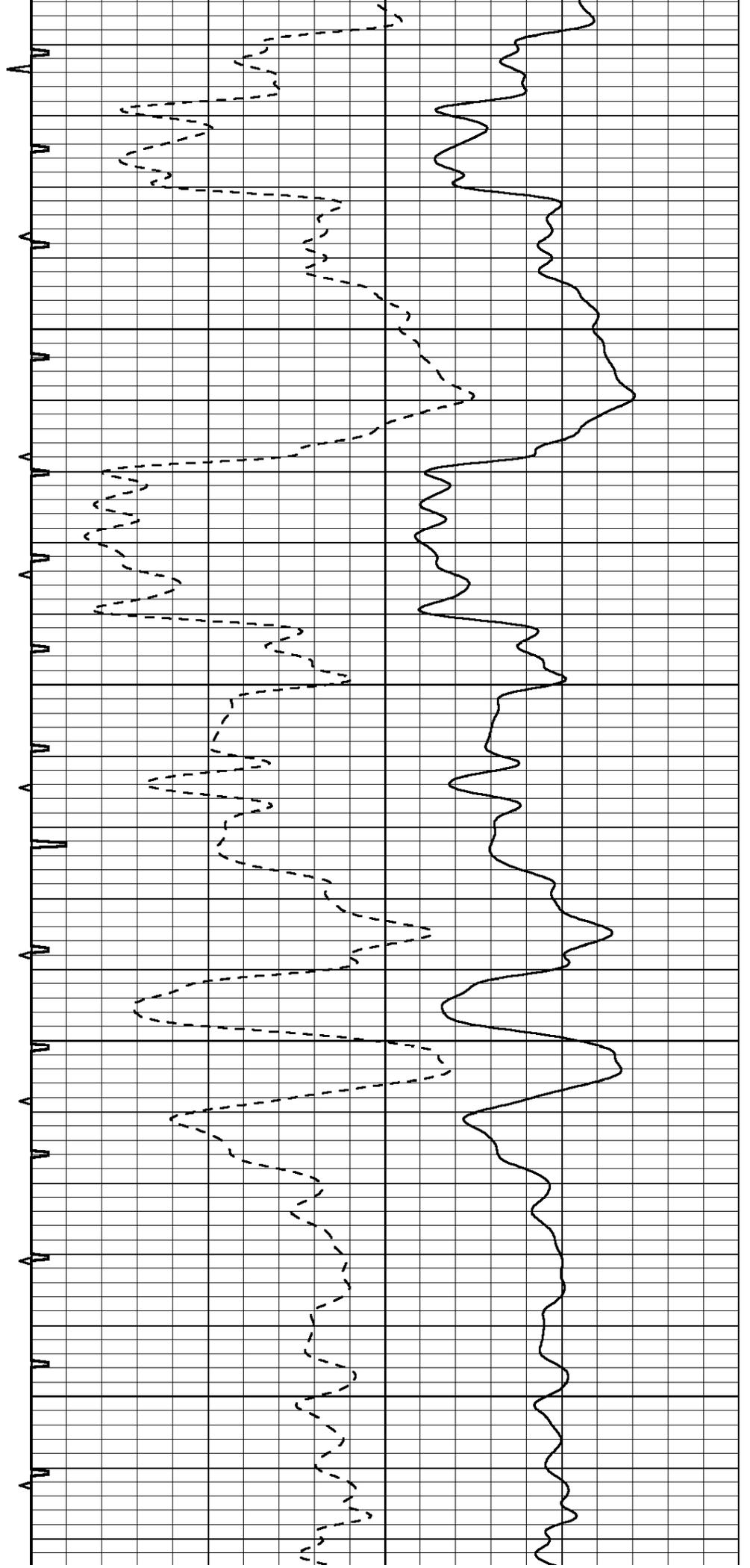


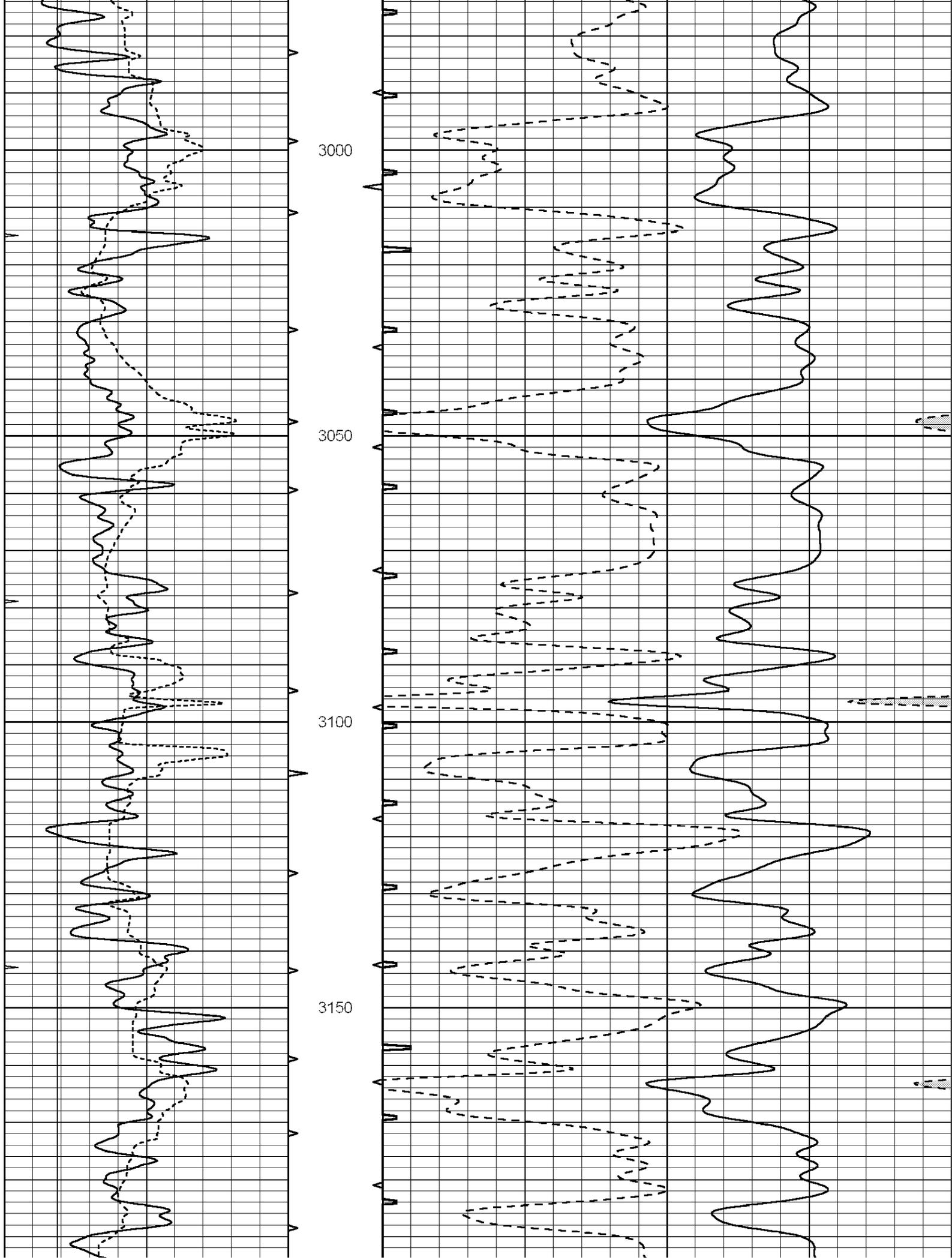
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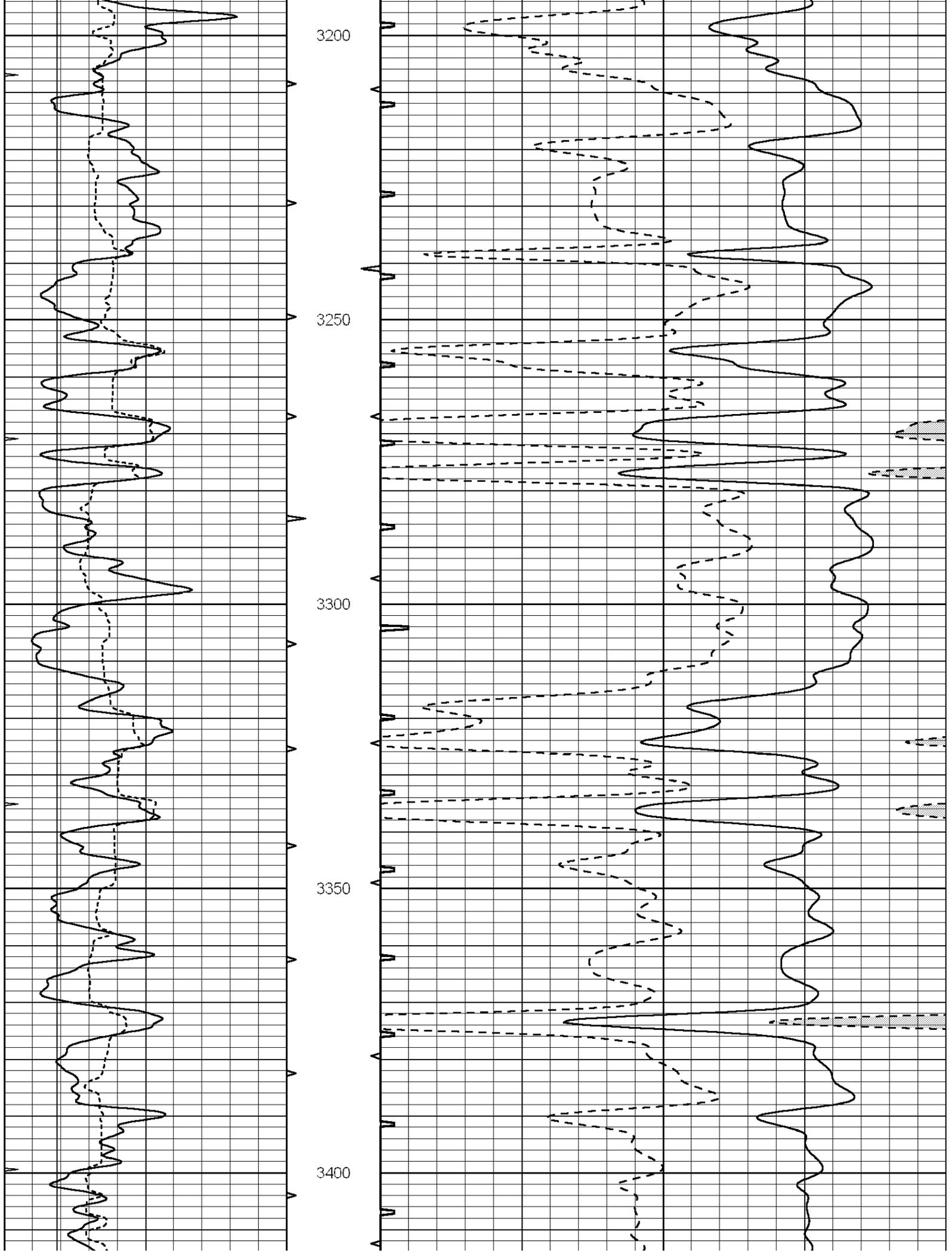
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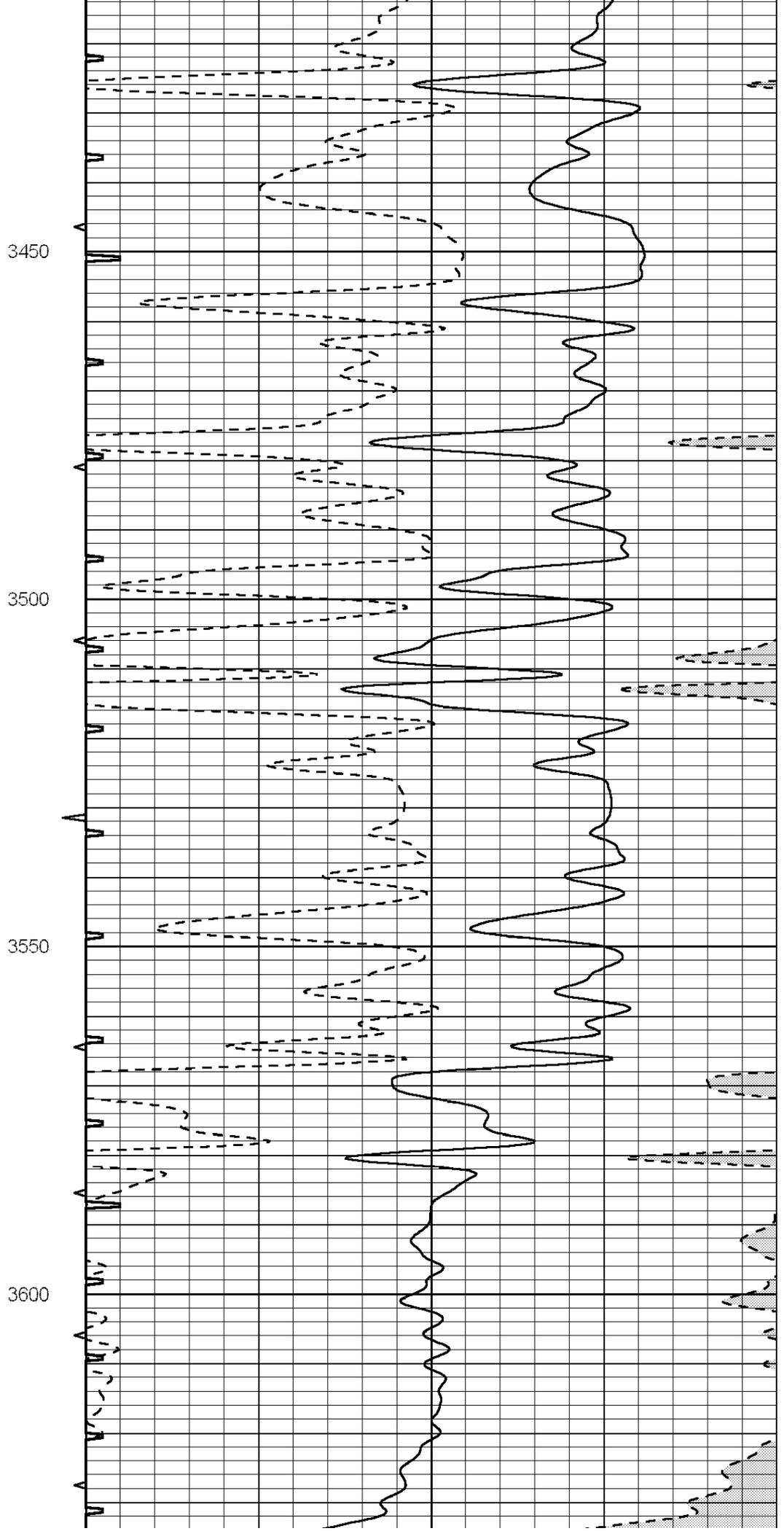
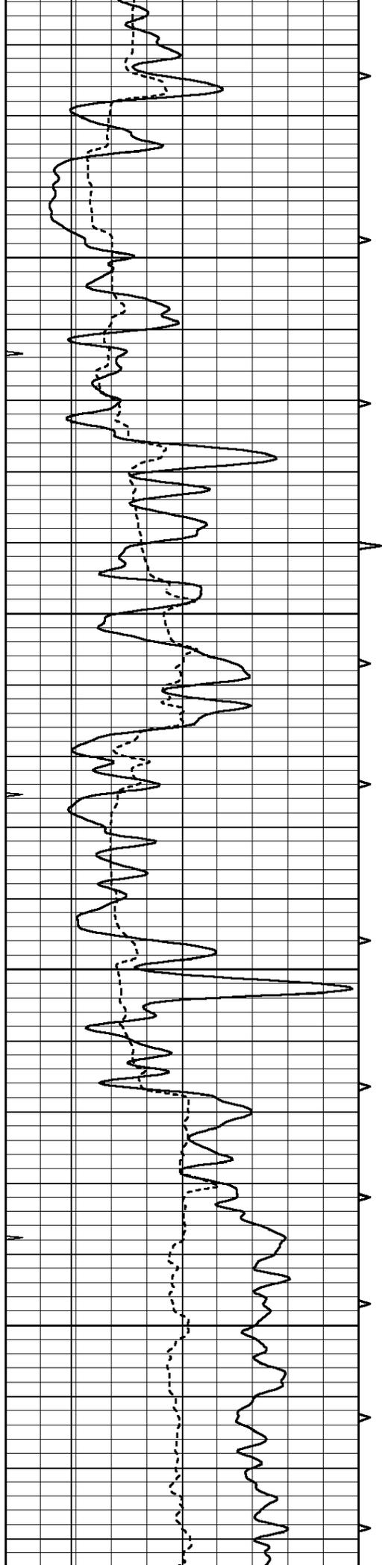
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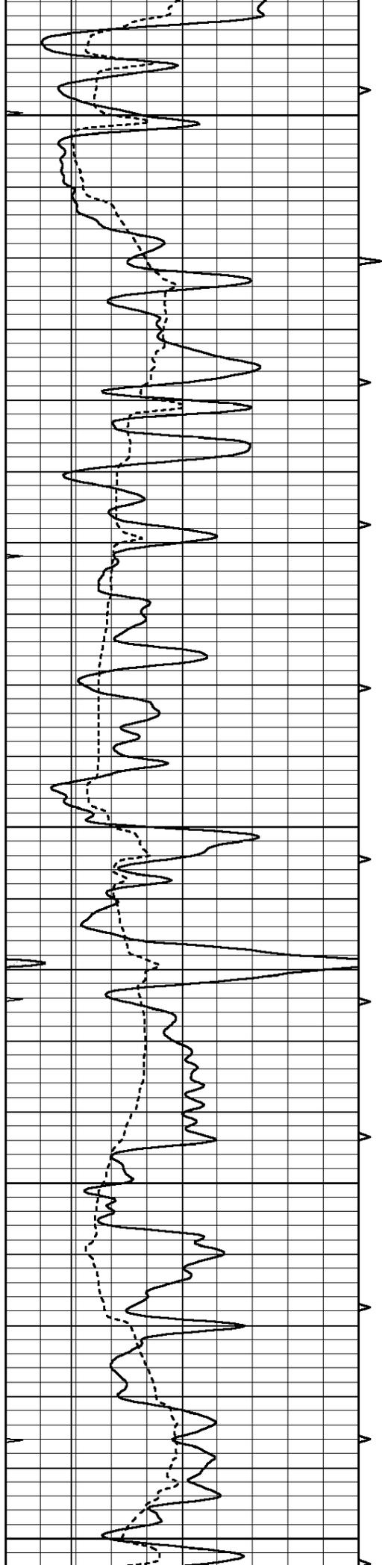
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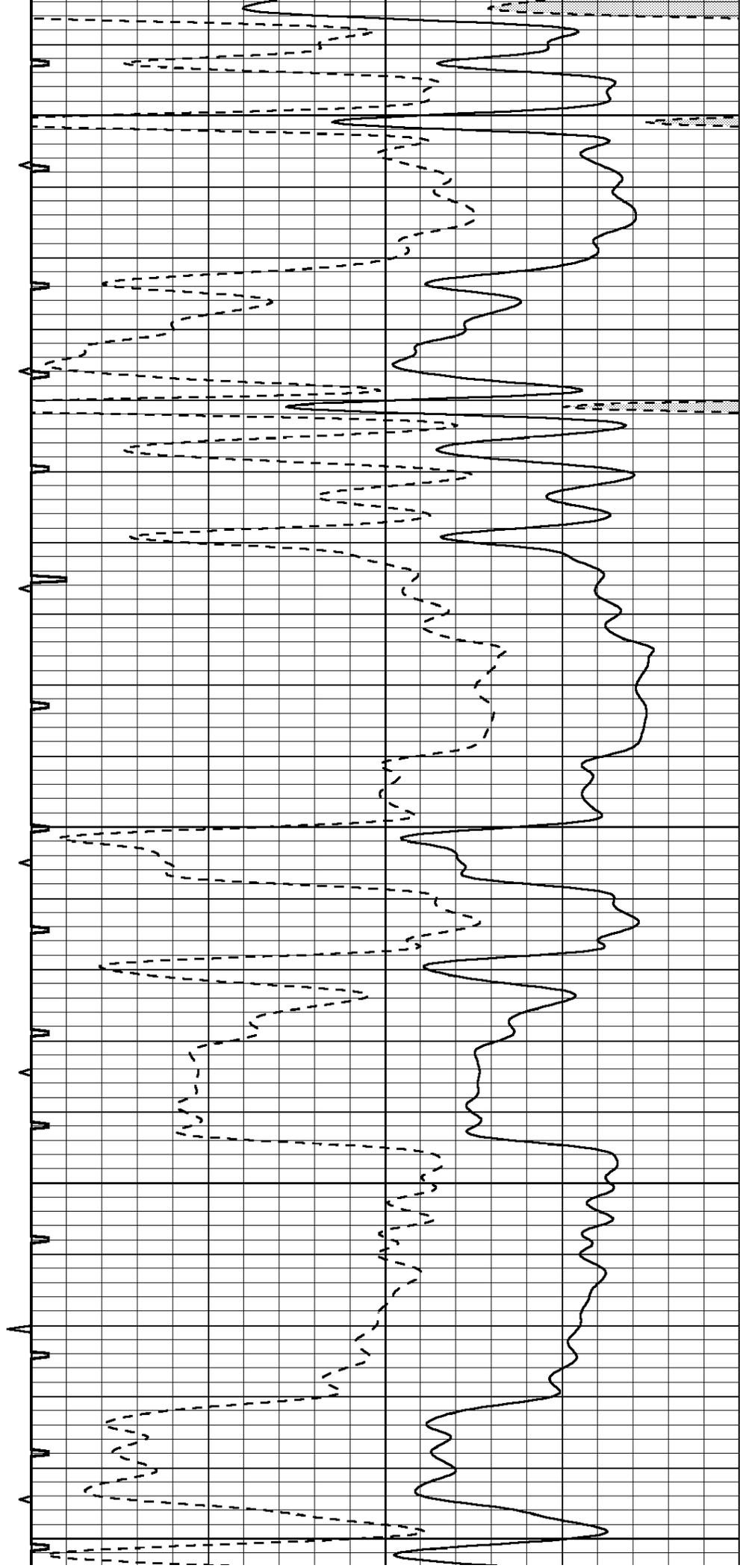
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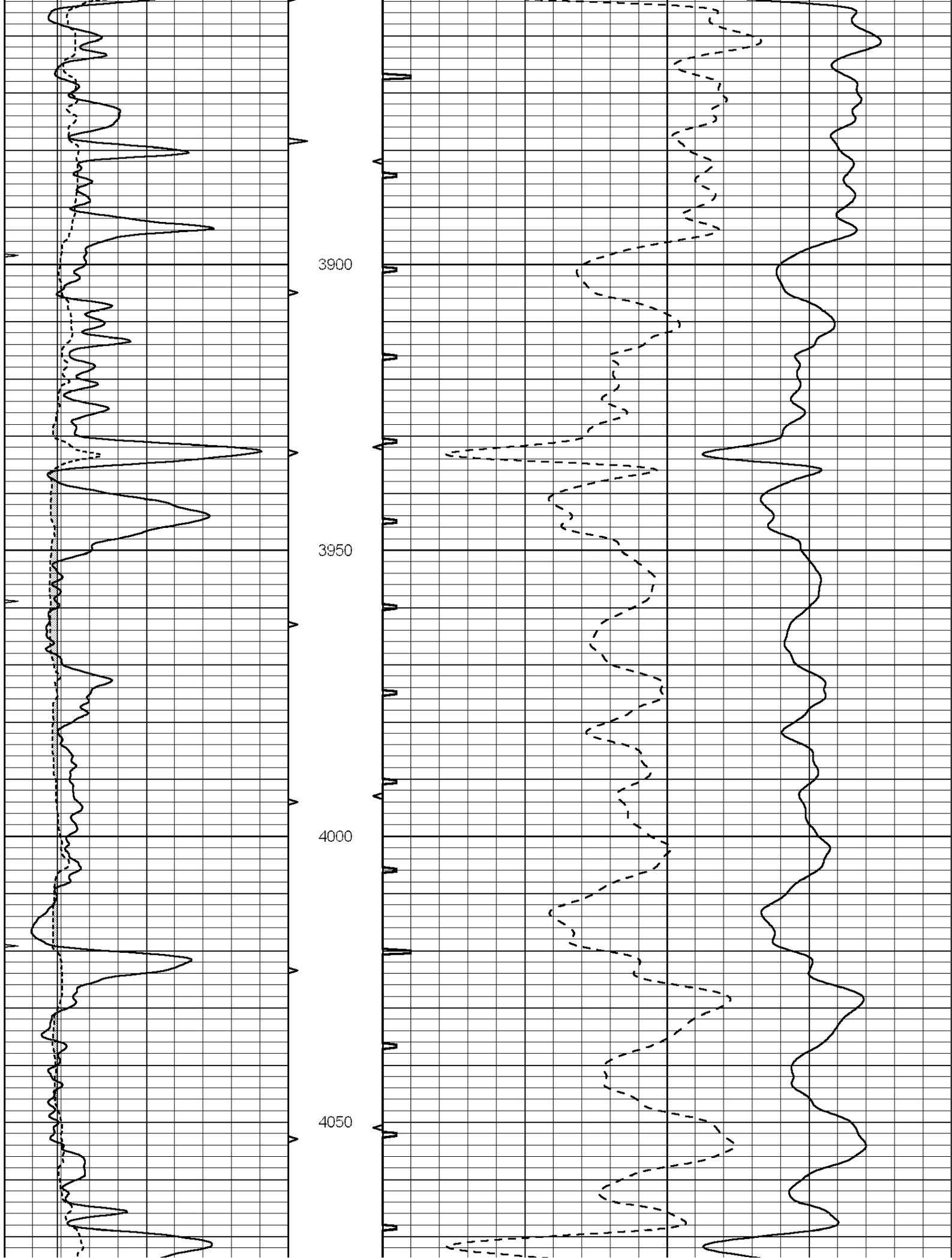
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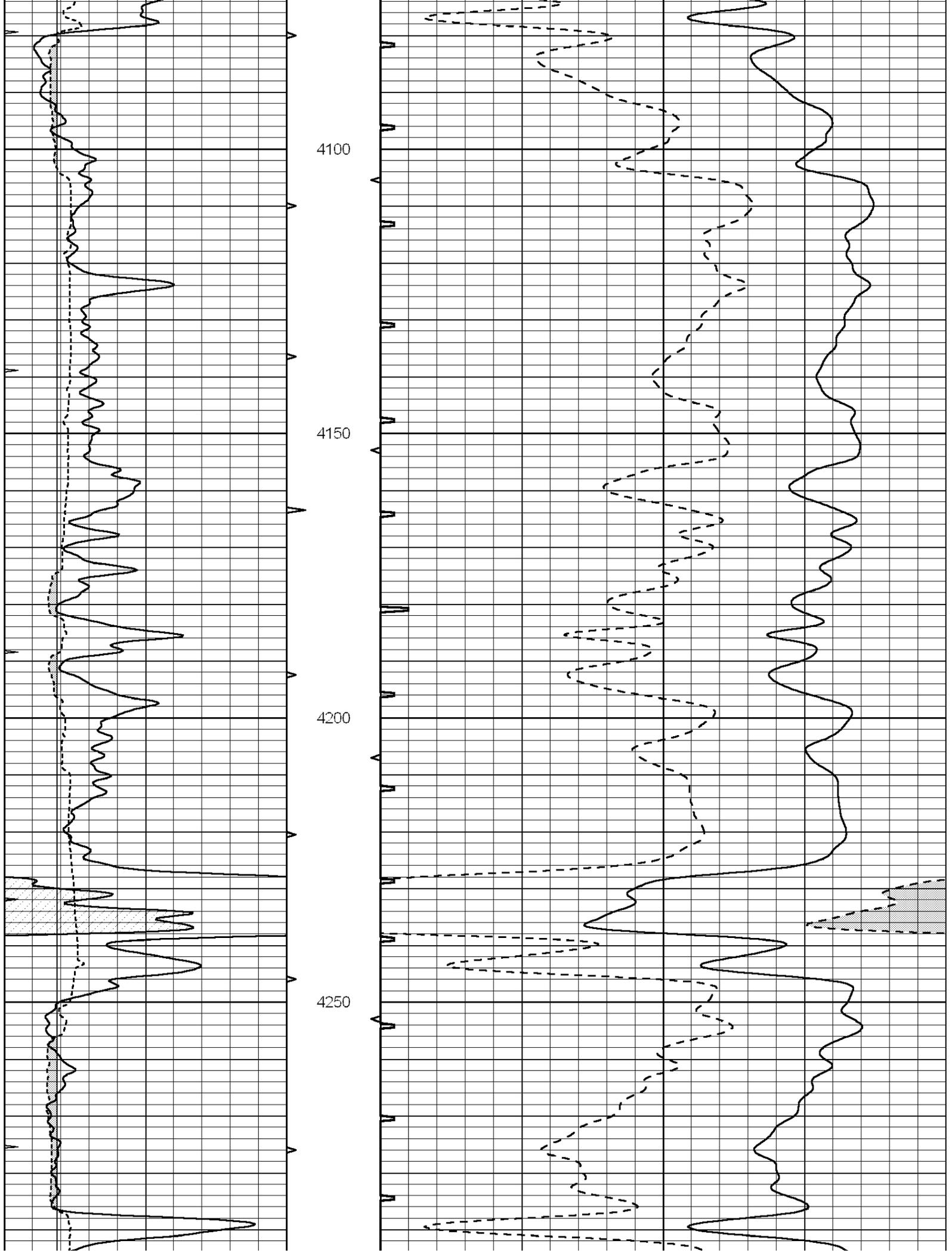
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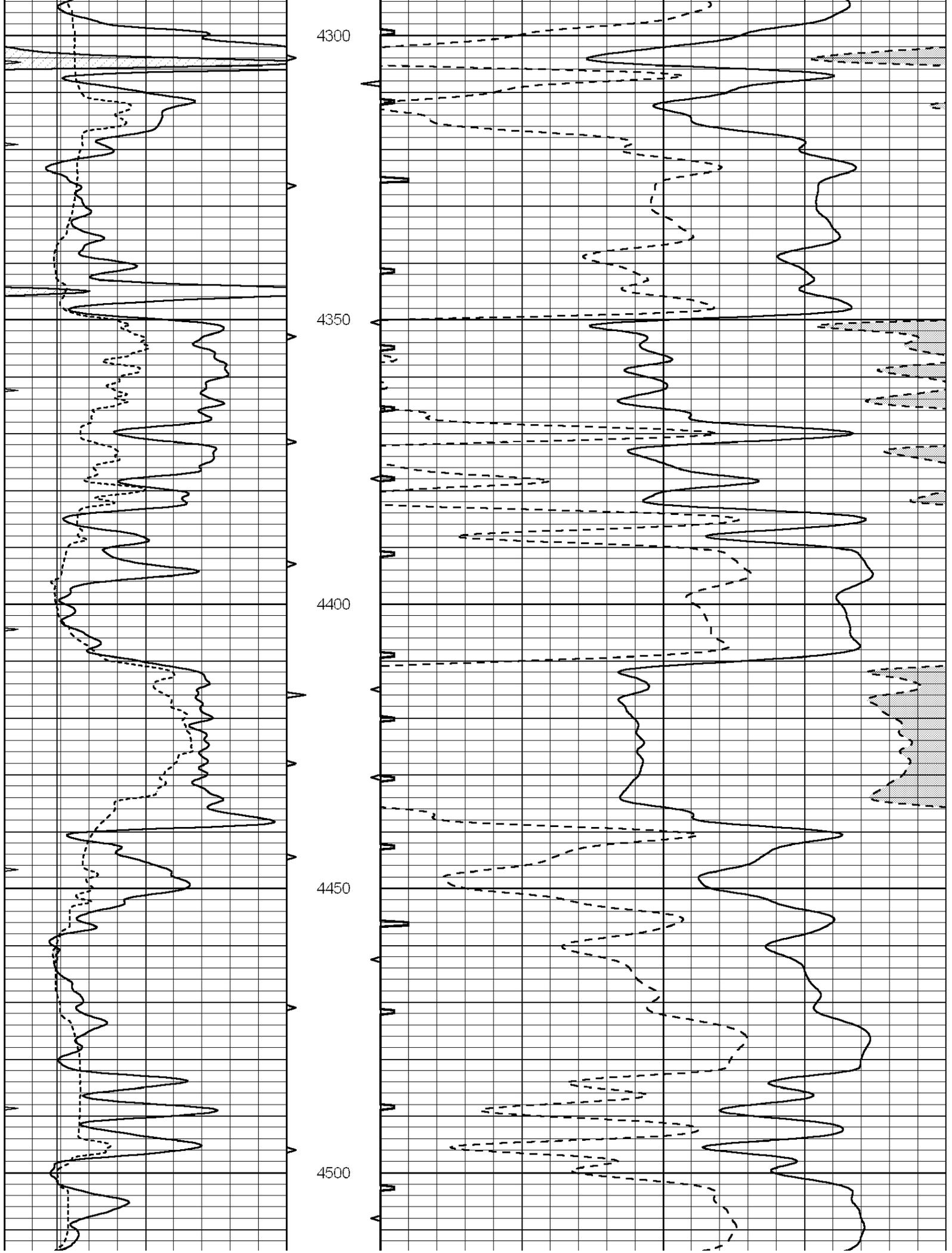
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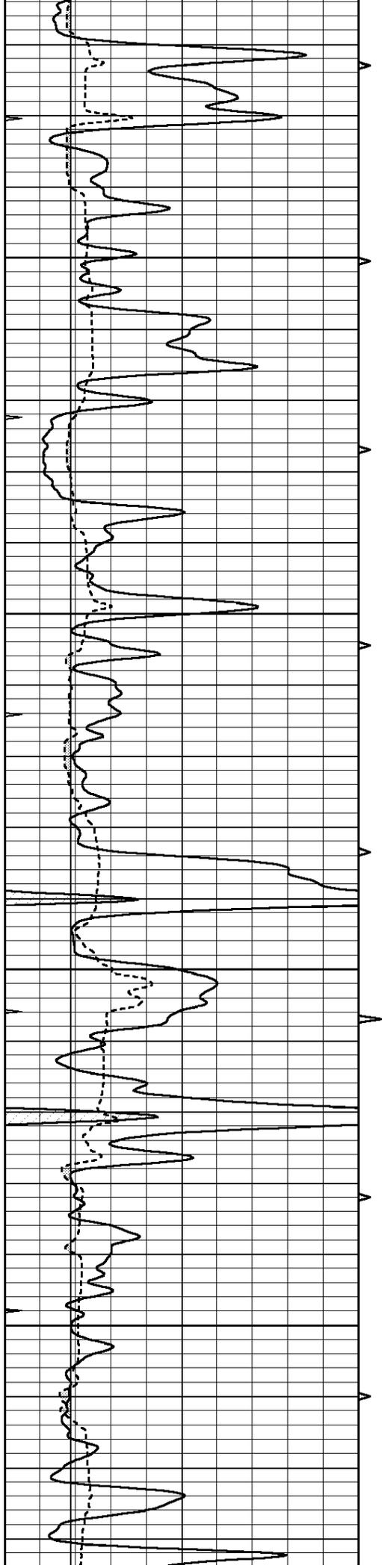
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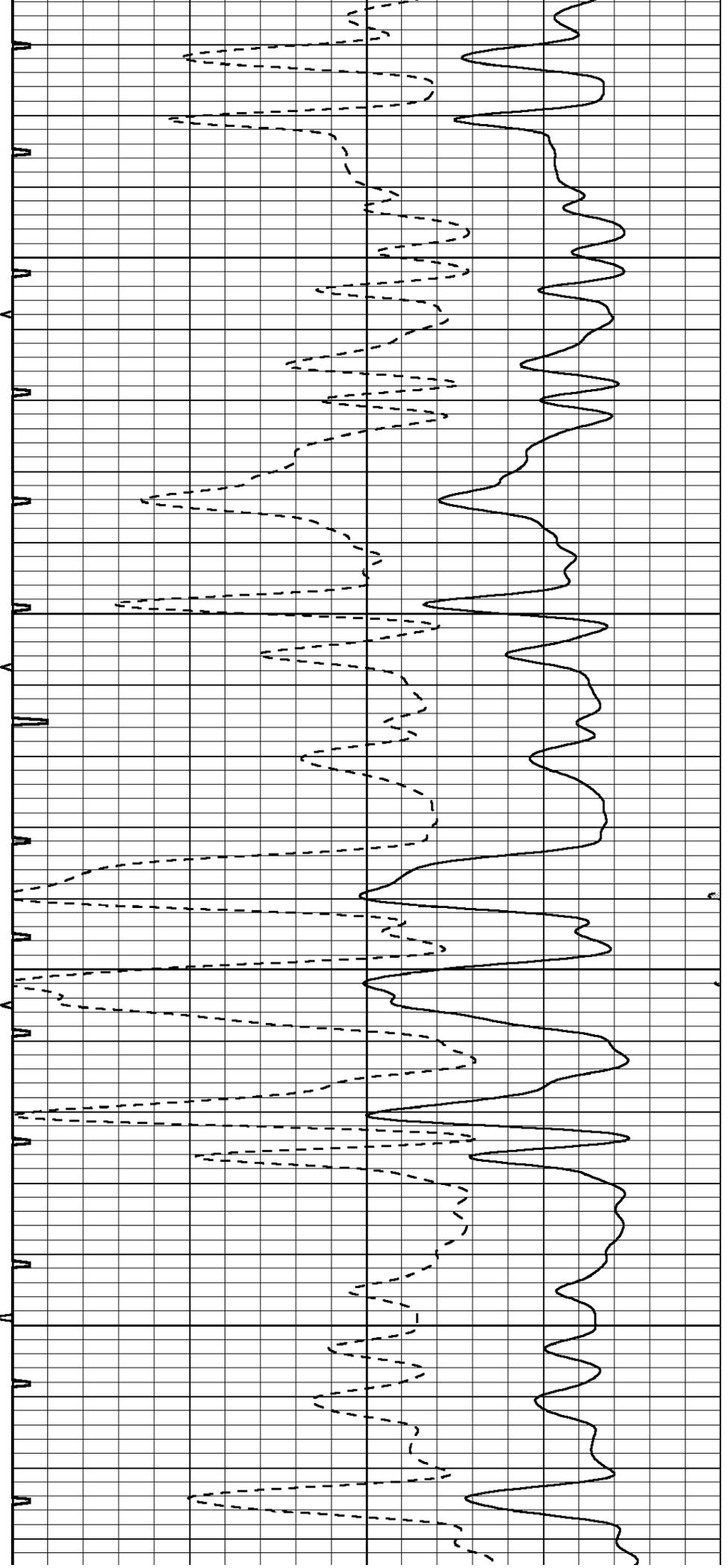


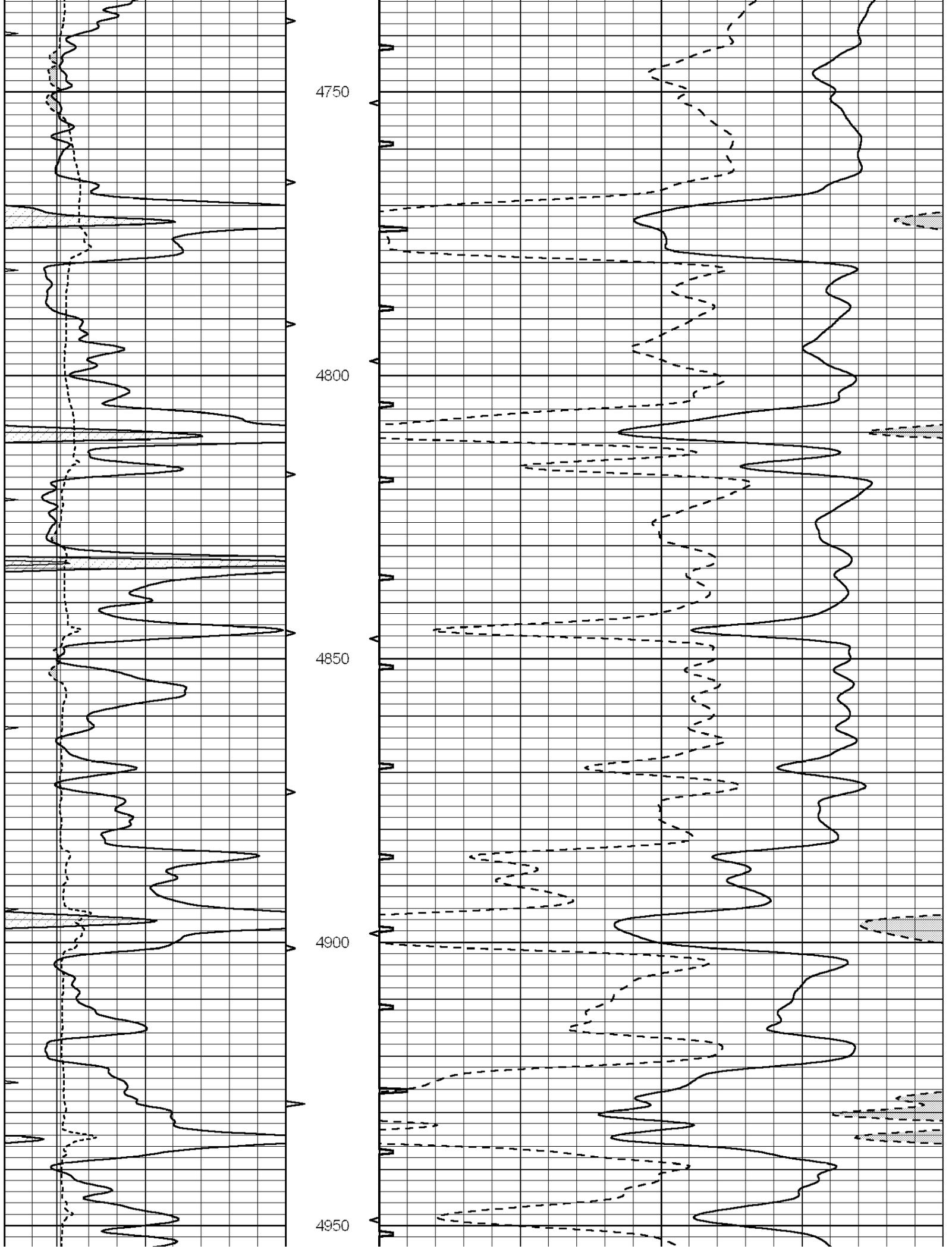
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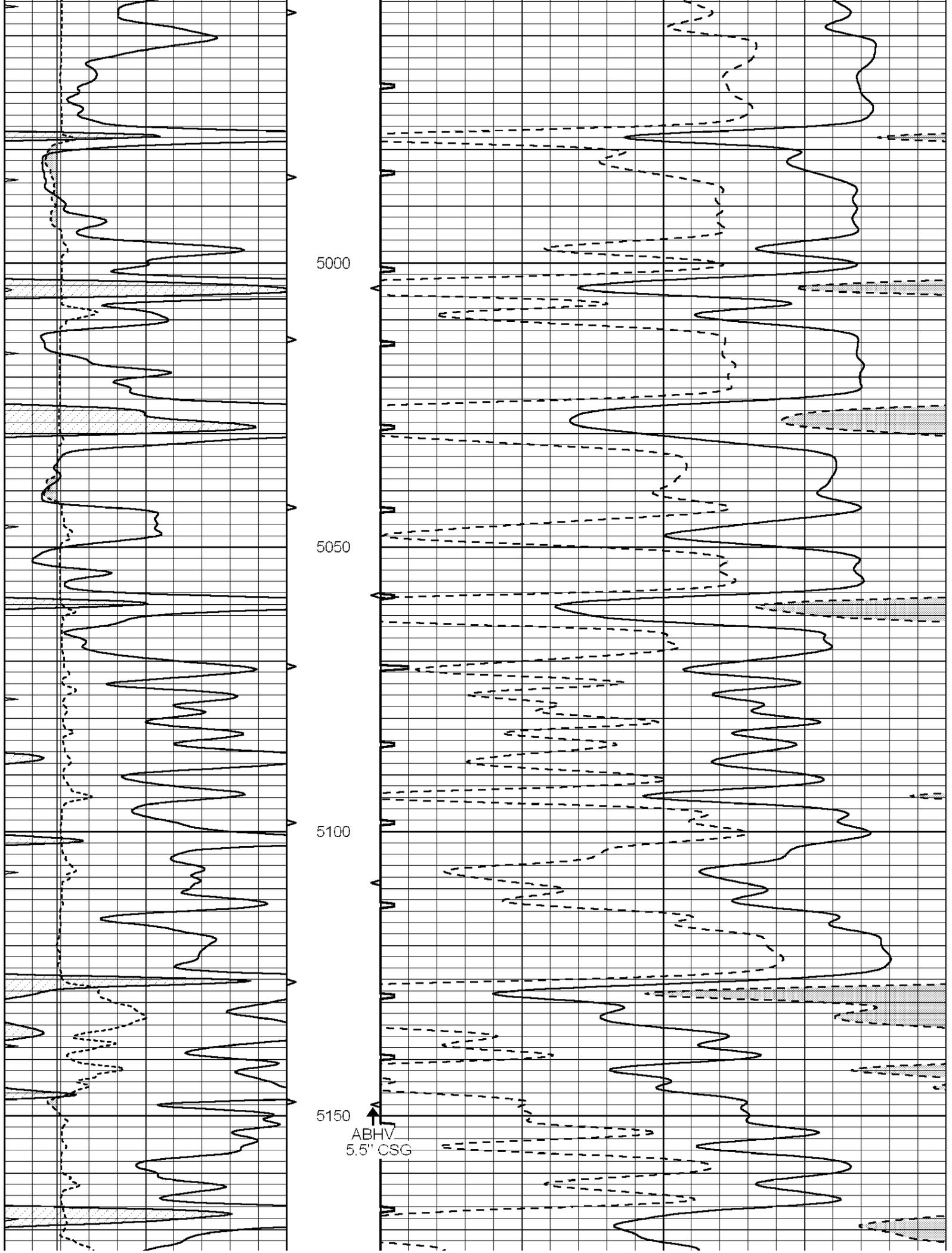
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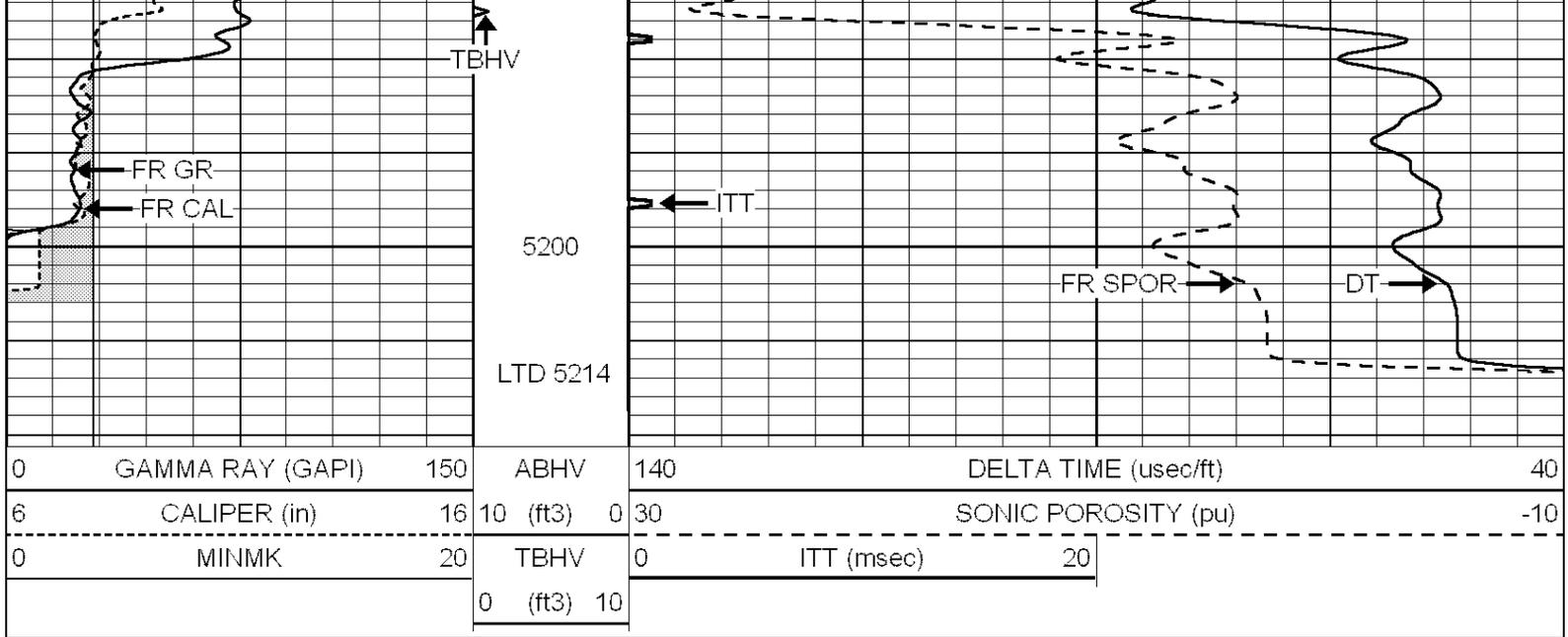
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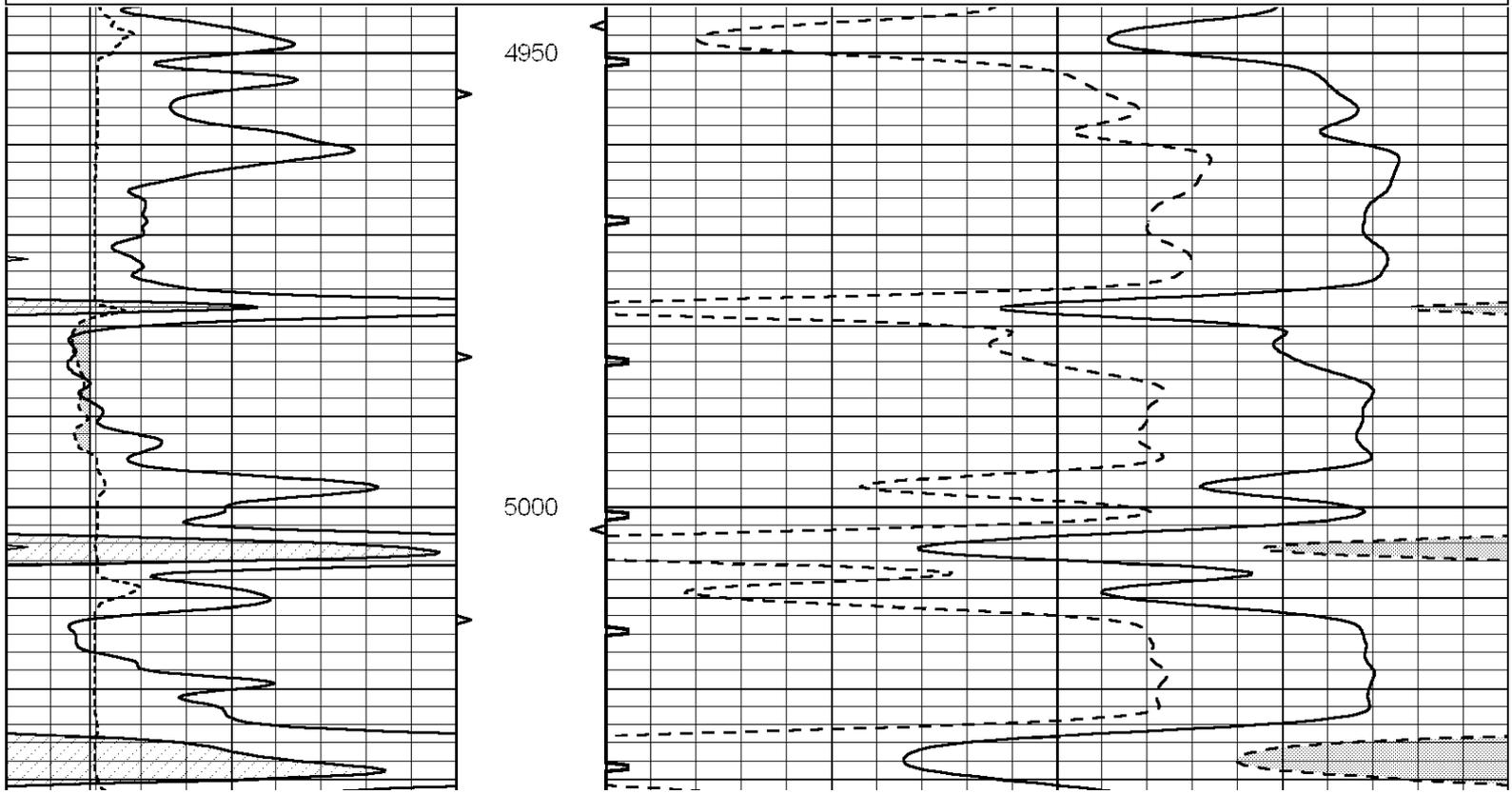
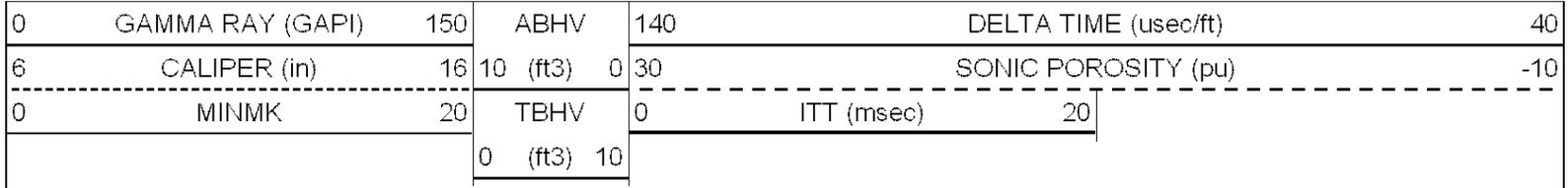


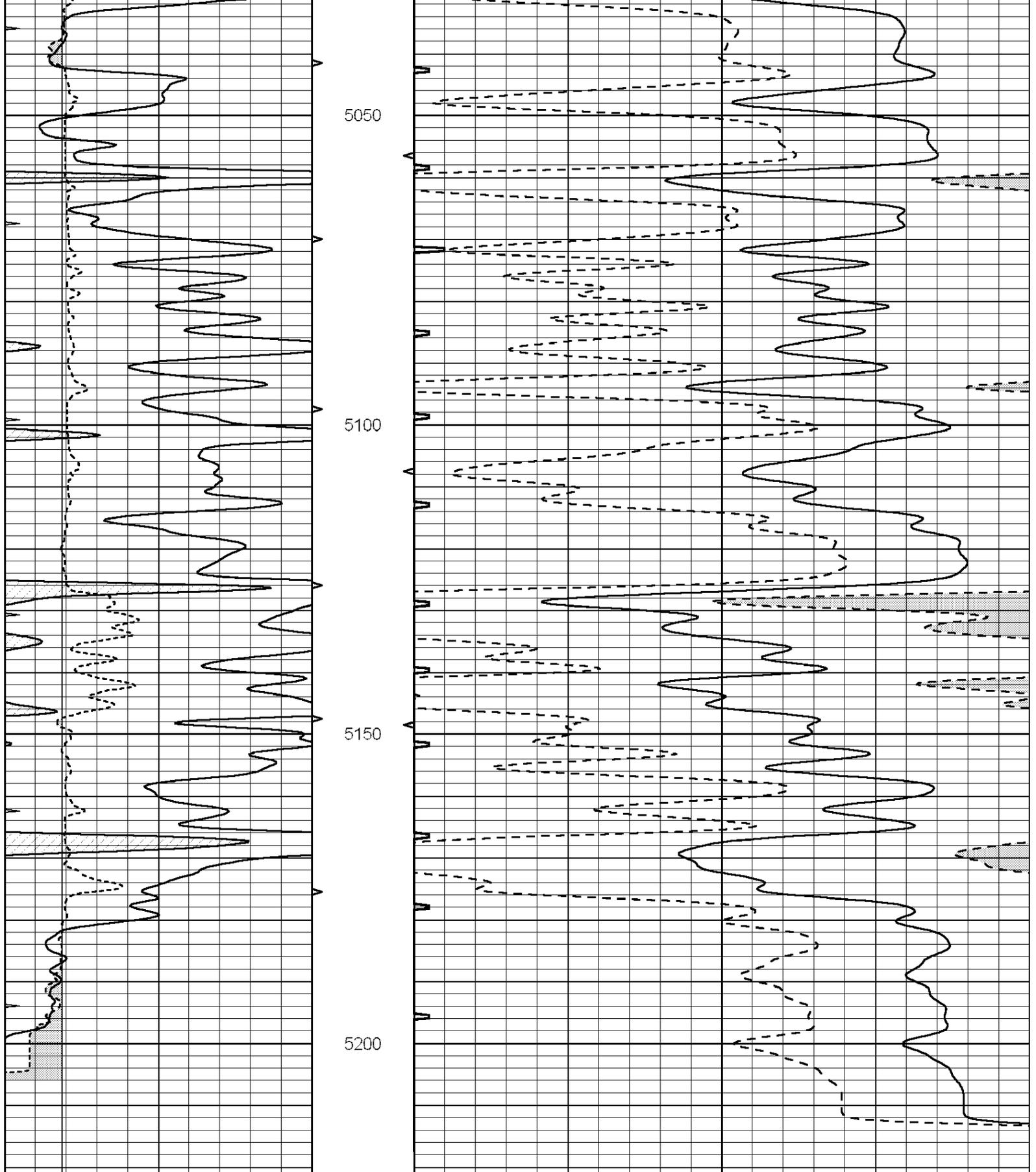




# REPEAT SECTION

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 Charted by: Depth in Feet scaled 1:240





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0	MINMK	20	TBHV	0	ITT (msec)	20
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