

**SONIC  
LOG**

Company DOWNING NELSON OIL COMPANY, INC.  
 Well FIDELIS SCHMEIDLER "B" #1  
 Field SCHMEIDLER  
 County ELLIS State KANSAS

Location: API #: 15-051-26911-0000  
 2230' FSL & 60' FEL  
 SEC 21 TWP 12S RGE 17W  
 Permanent Datum GROUND LEVEL Elevation 2125  
 Log Measured From KELLY BUSHING 8' A.G.L.  
 Drilling Measured From KELLY BUSHING  
 Other Services  
 CDL/CNL  
 DIL/MEL  
 Elevation  
 K.B. 2133  
 D.F. 2131  
 G.L. 2125

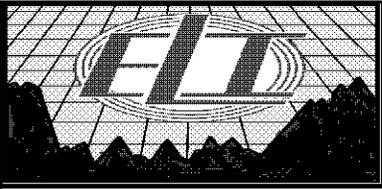
Date	5/8/18		
Run Number	TWO		
Depth Driller	3783		
Depth Logger	3783		
Bottom Logged Interval	3773		
Top Log Interval	200		
Casing Driller	8 5/8" @ 220'		
Casing Logger	220		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 16000 PPM	
Density / Viscosity	9.2/49		
PH / Fluid Loss	9.0/10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.42 @ 82F		
Rmt @ Meas. Temp	.31 @ 82F		
Rmc @ Meas. Temp	.50 @ 82F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.30 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	MARC DOWNING		

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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**

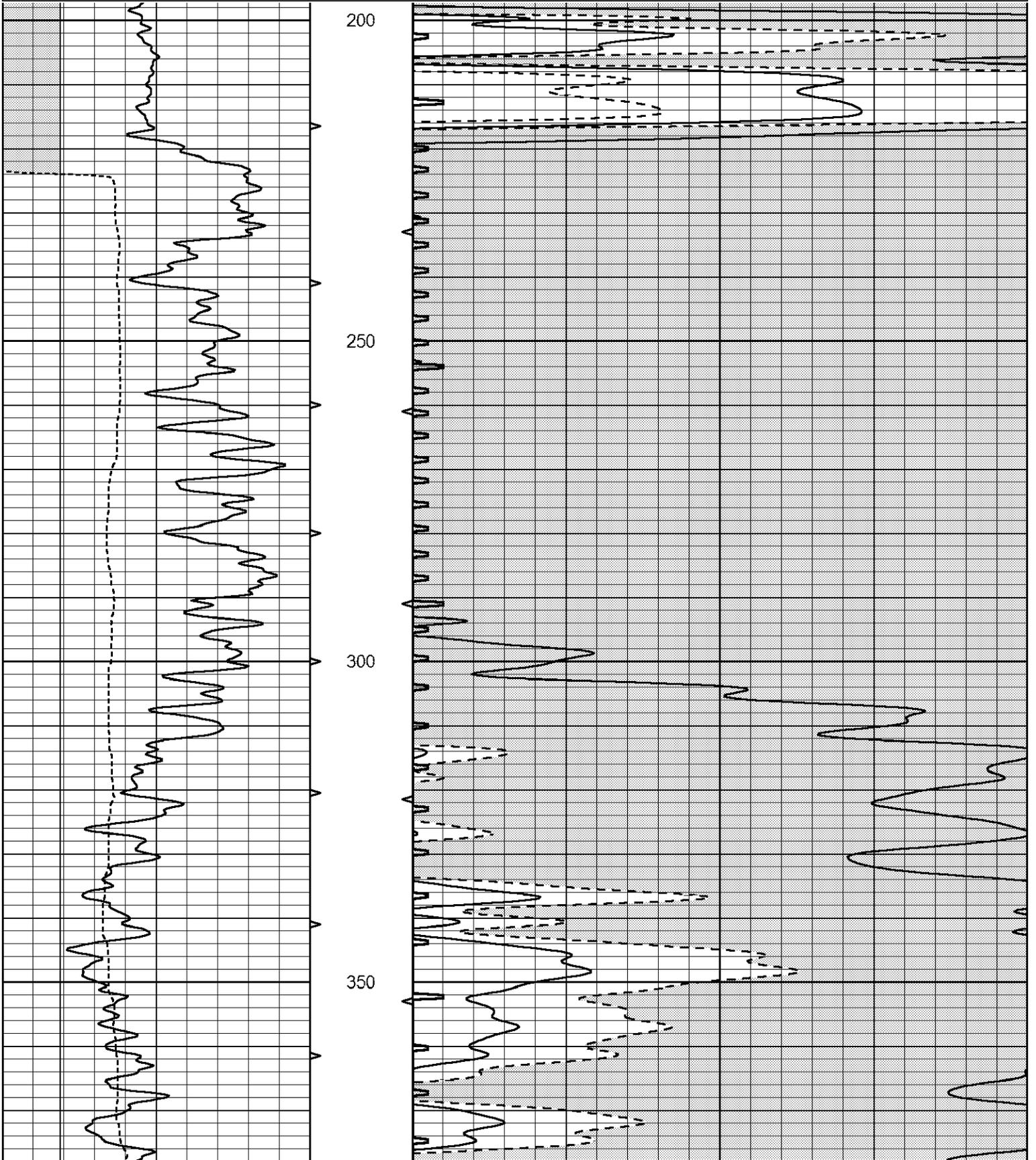
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
 DIRECTIONS  
 HAYS, KS. - NORTH TO BUCKEYE RD. - 6 EAST TO 310 RD. - 1/4 SOUTH - WEST INTO

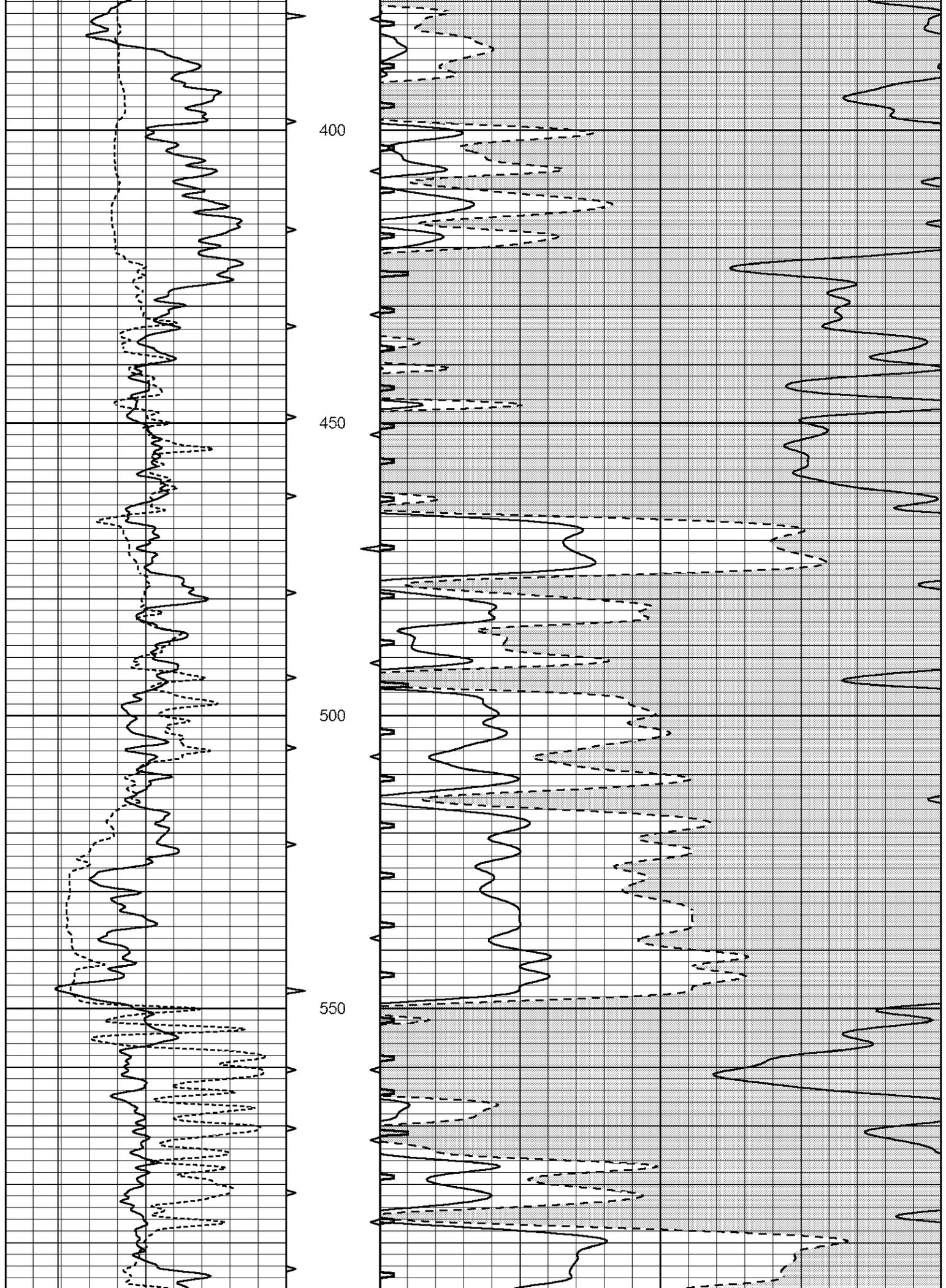


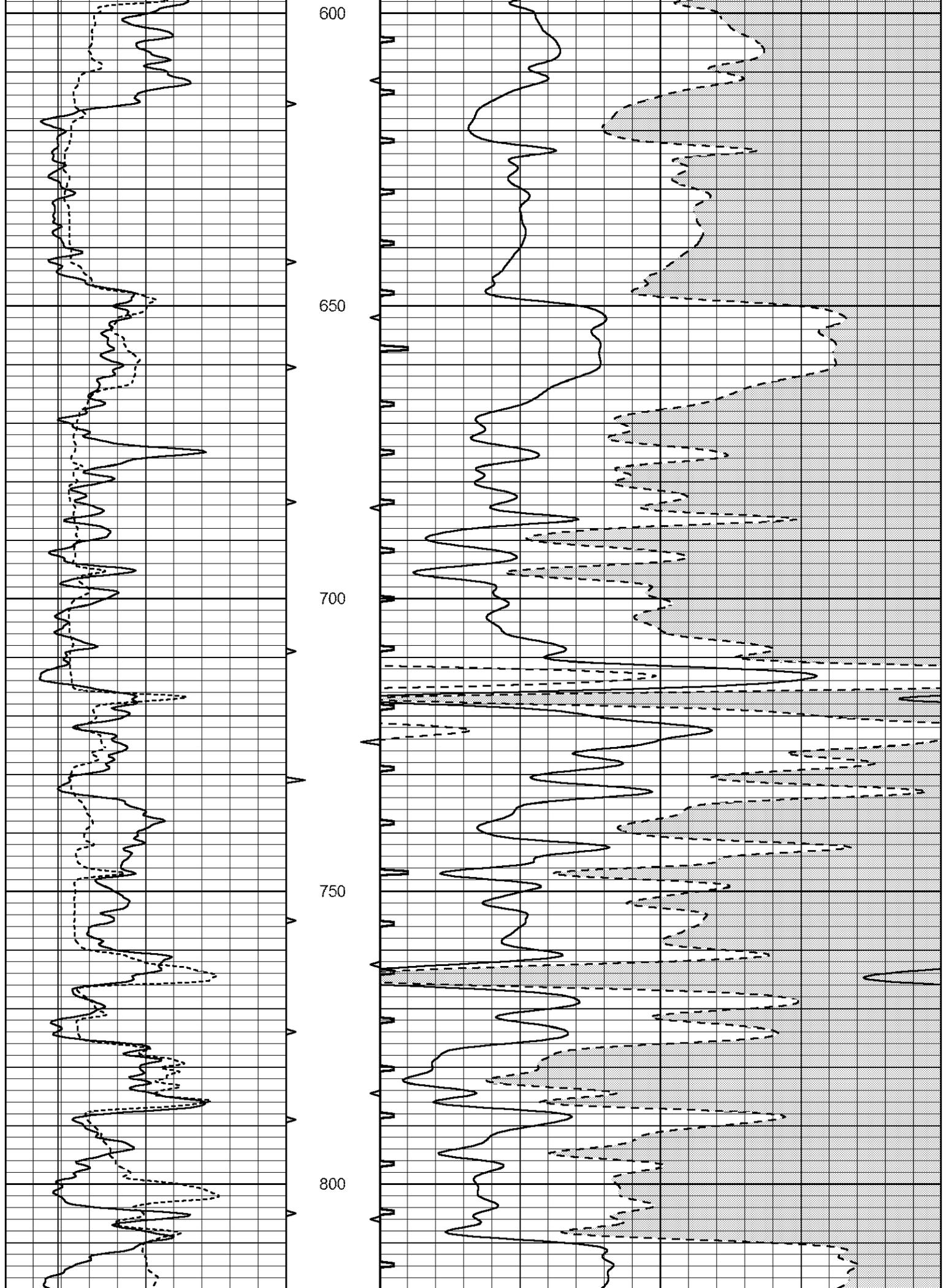
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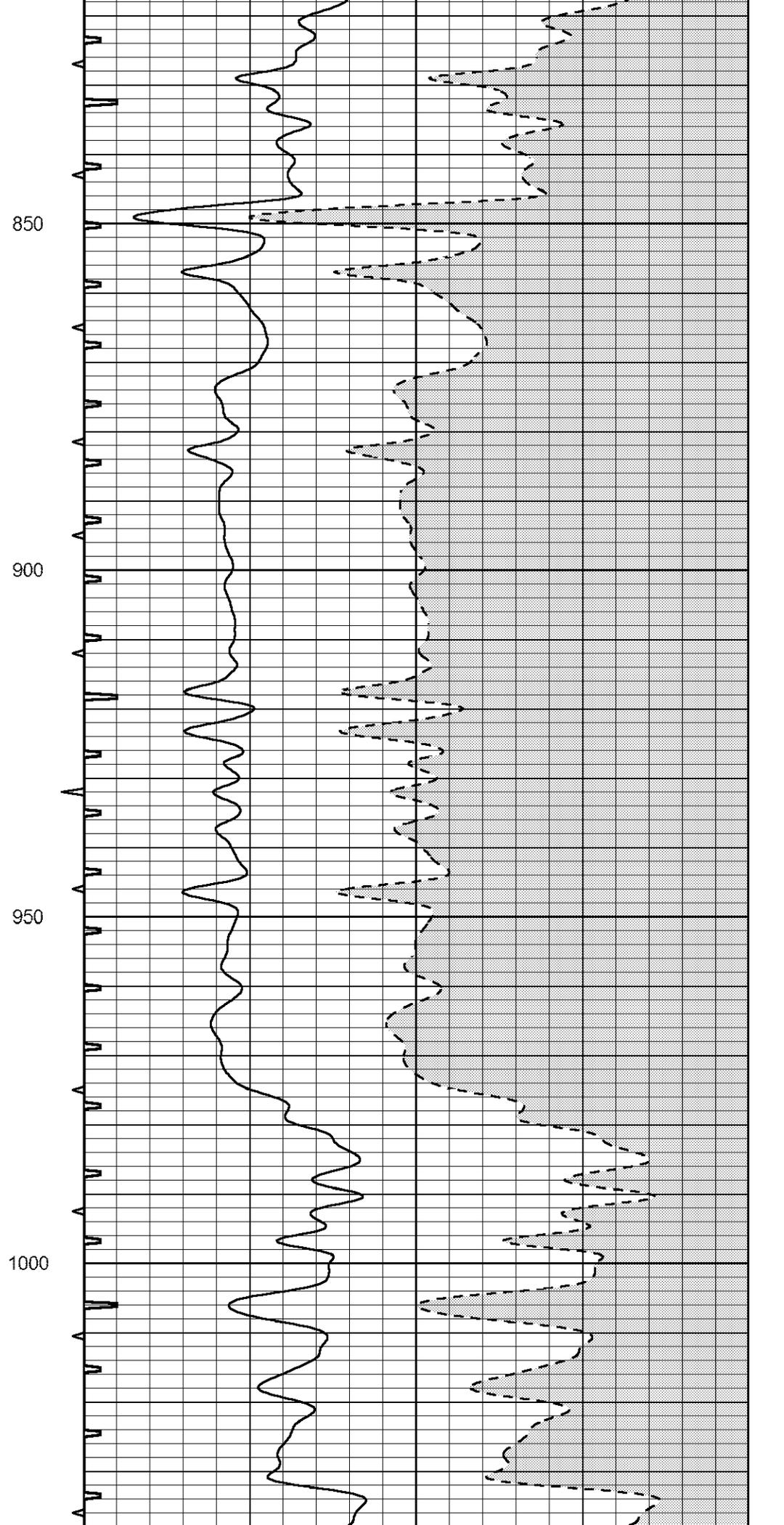
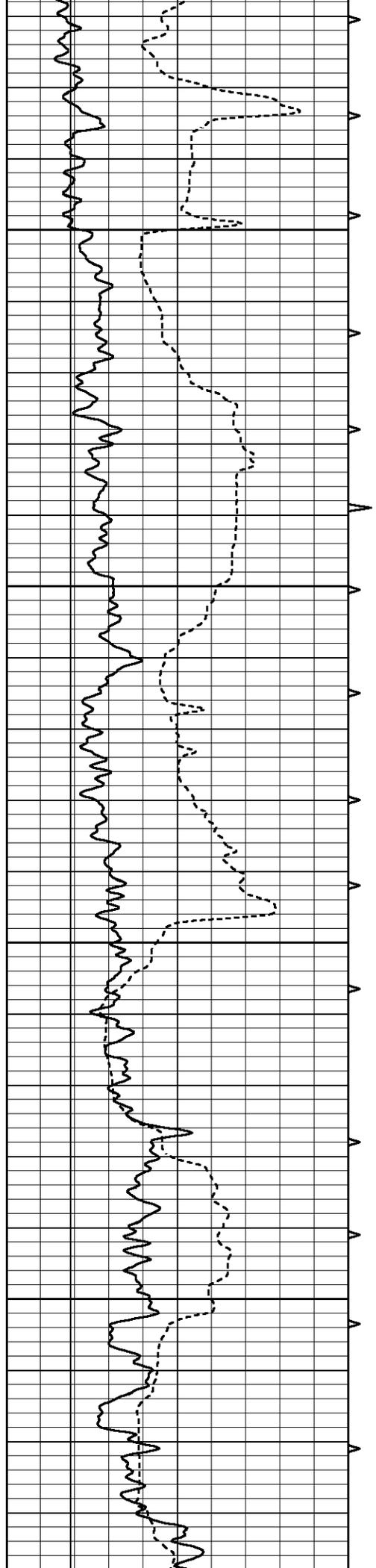
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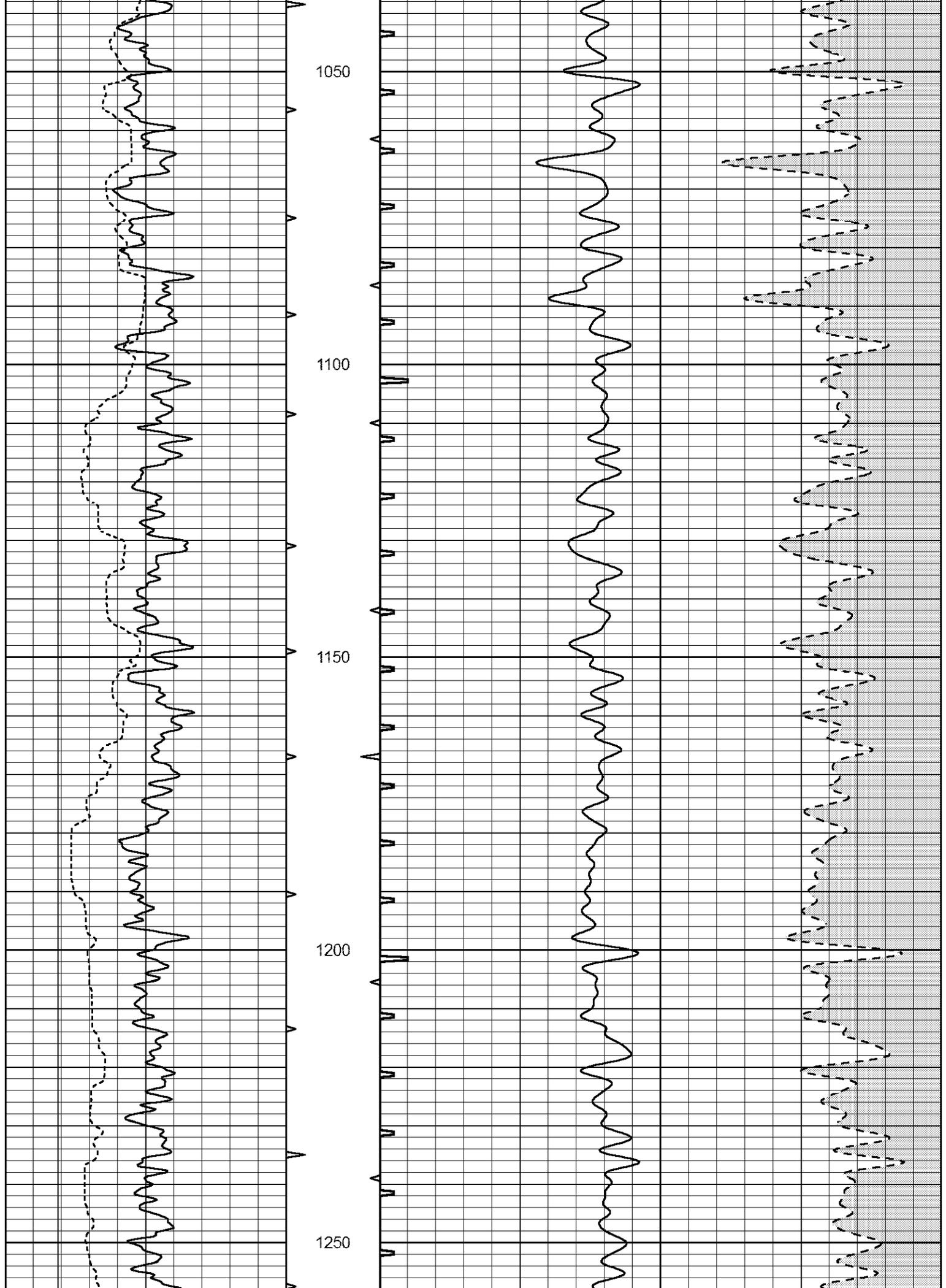
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
			0	ITT (msec)	20		
			0 (ft3)	10			

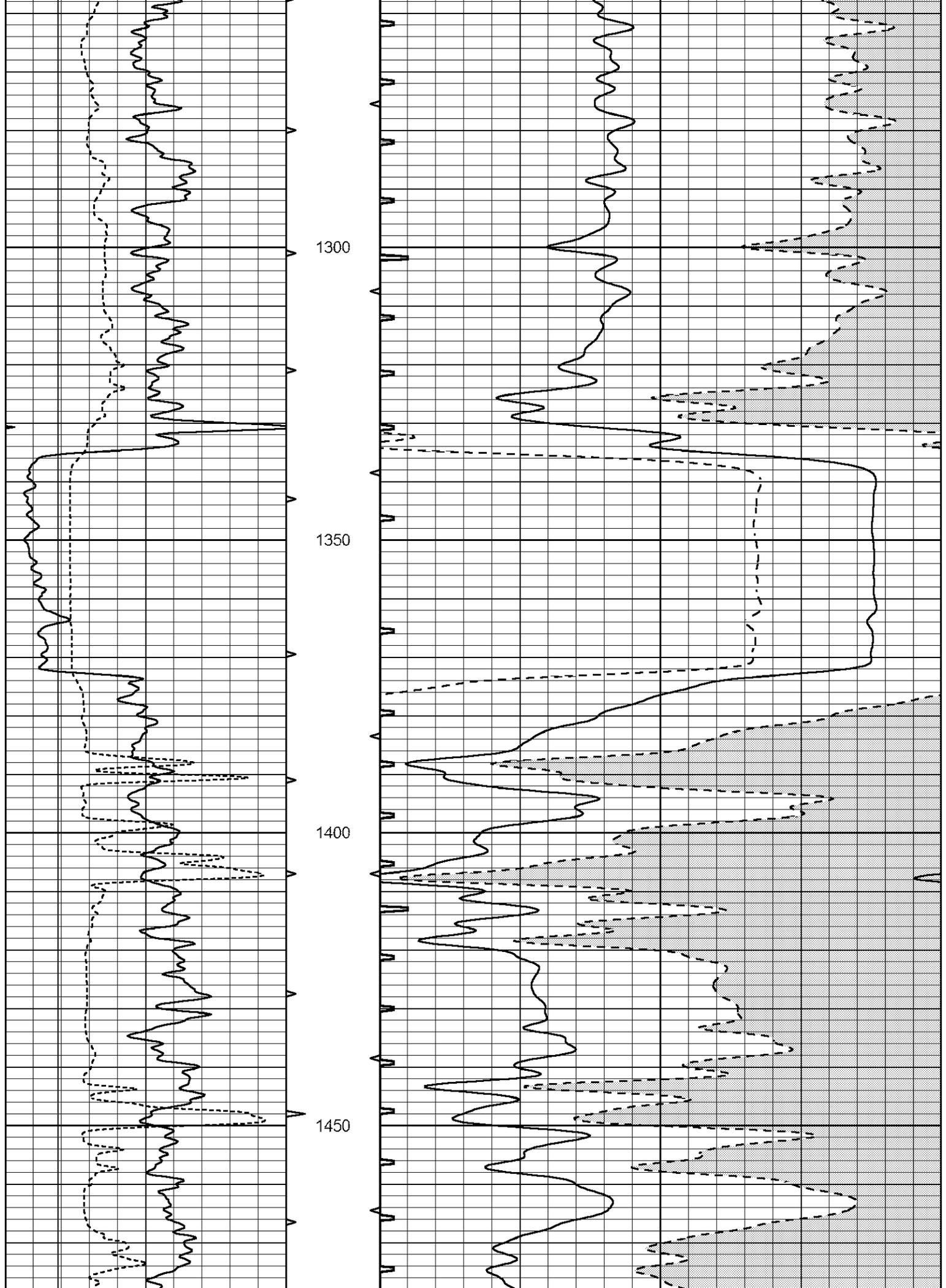


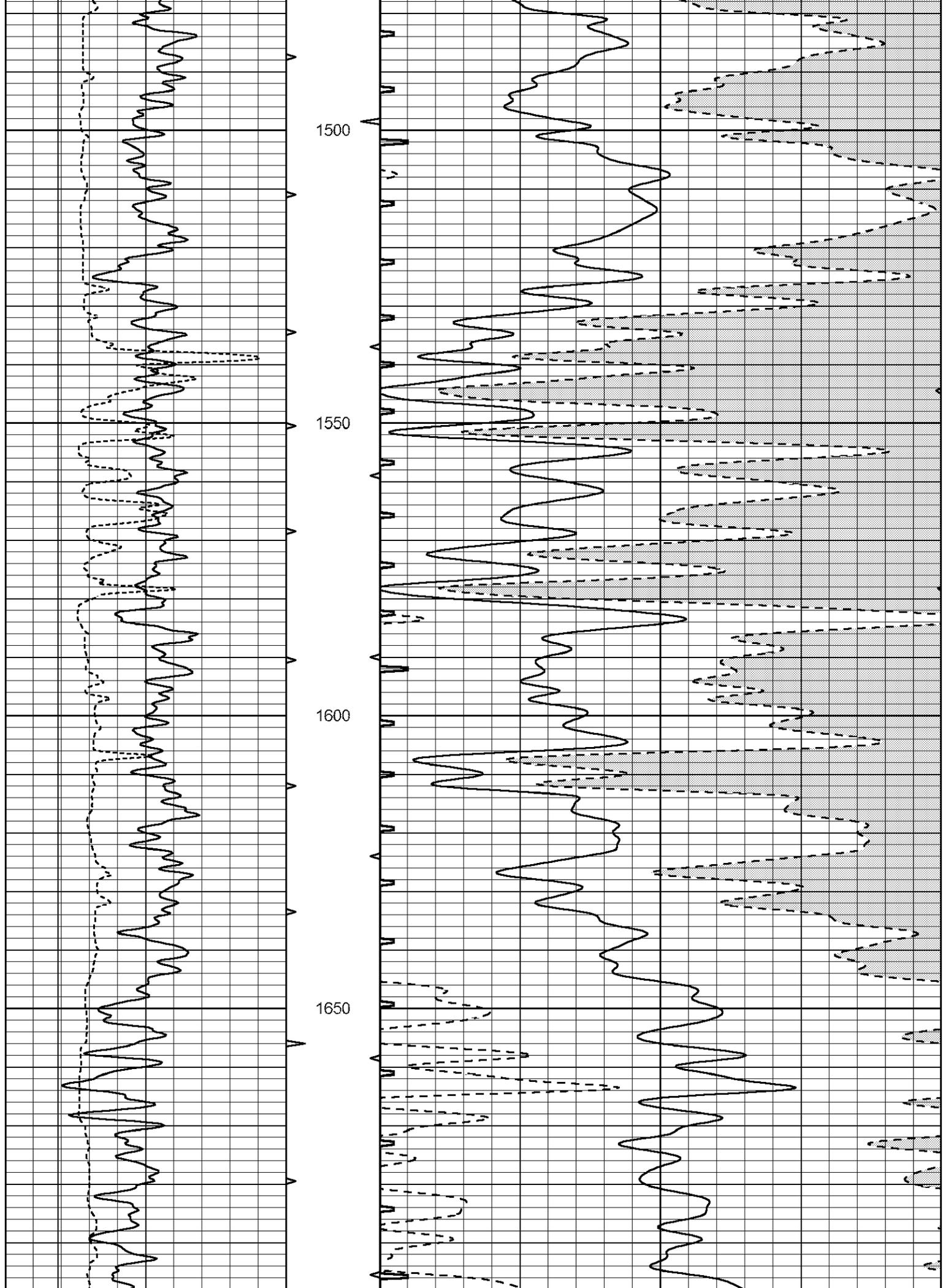


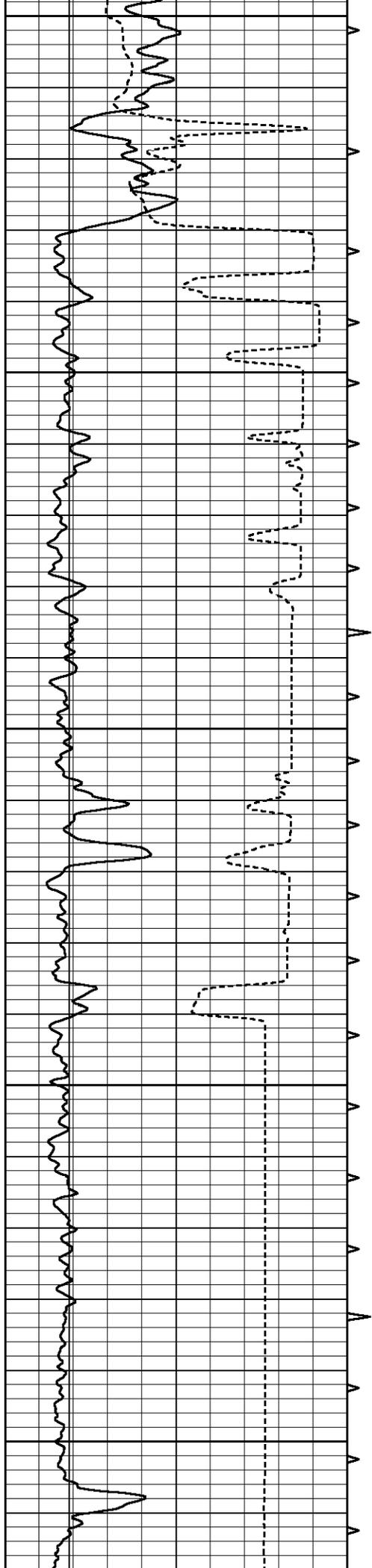












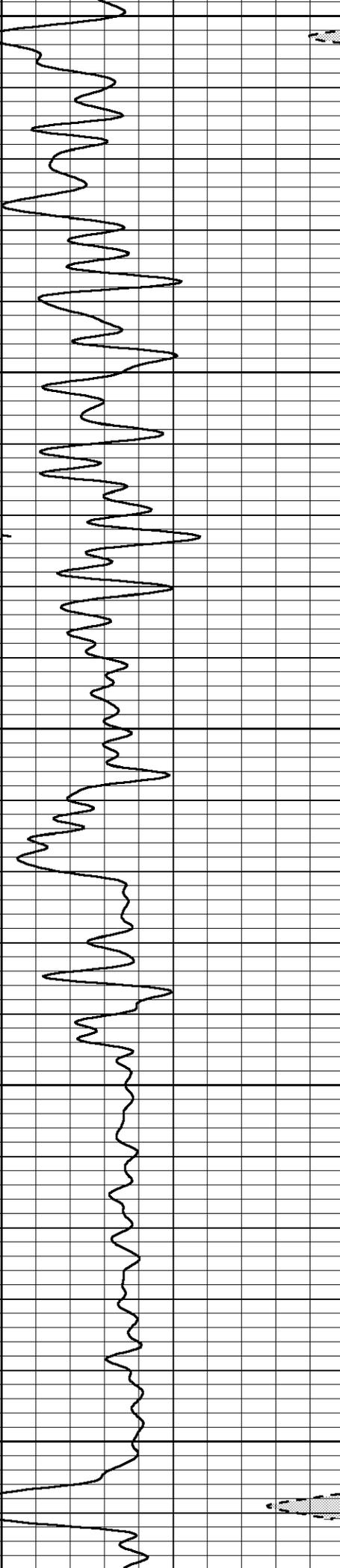
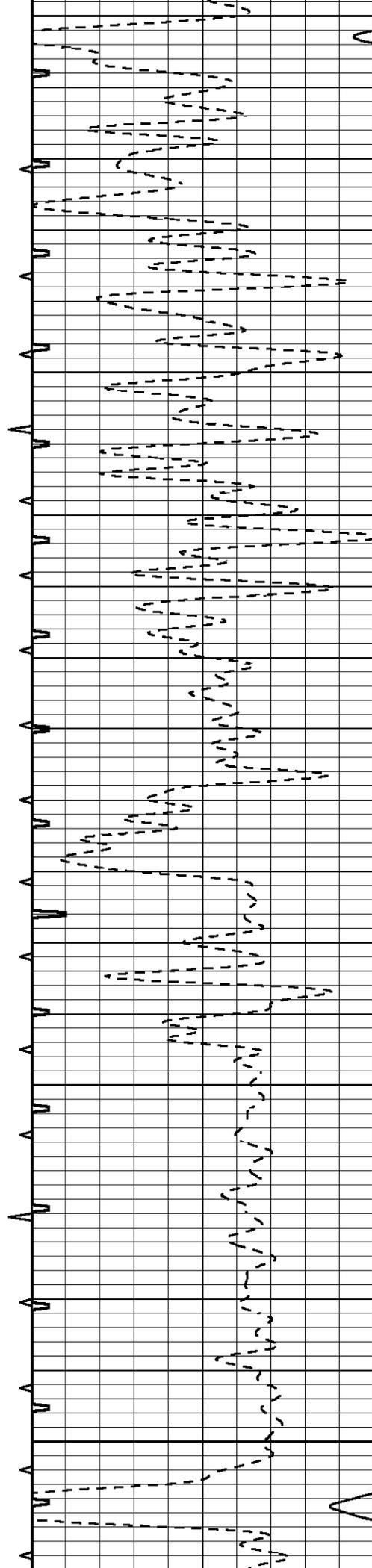
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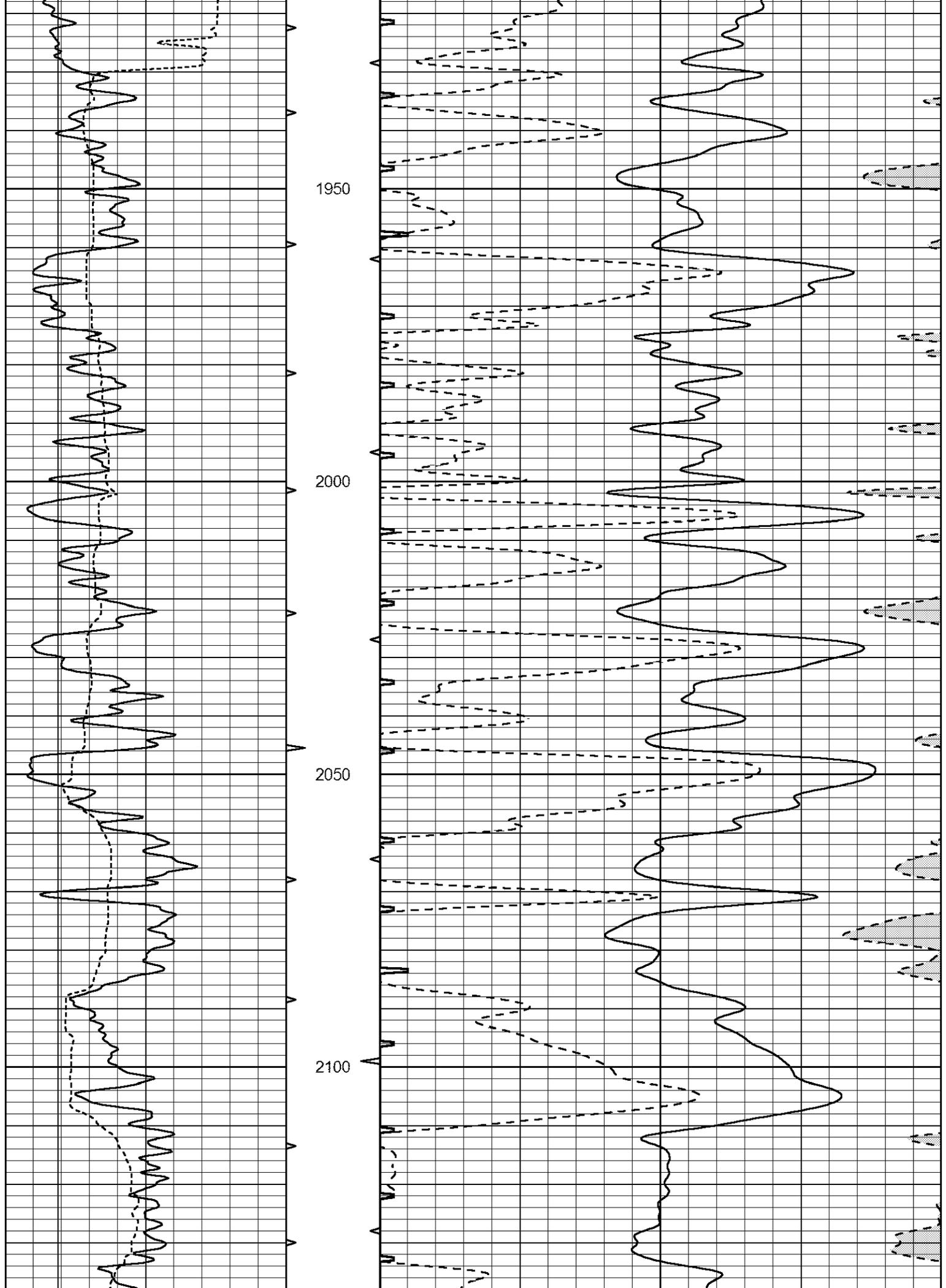
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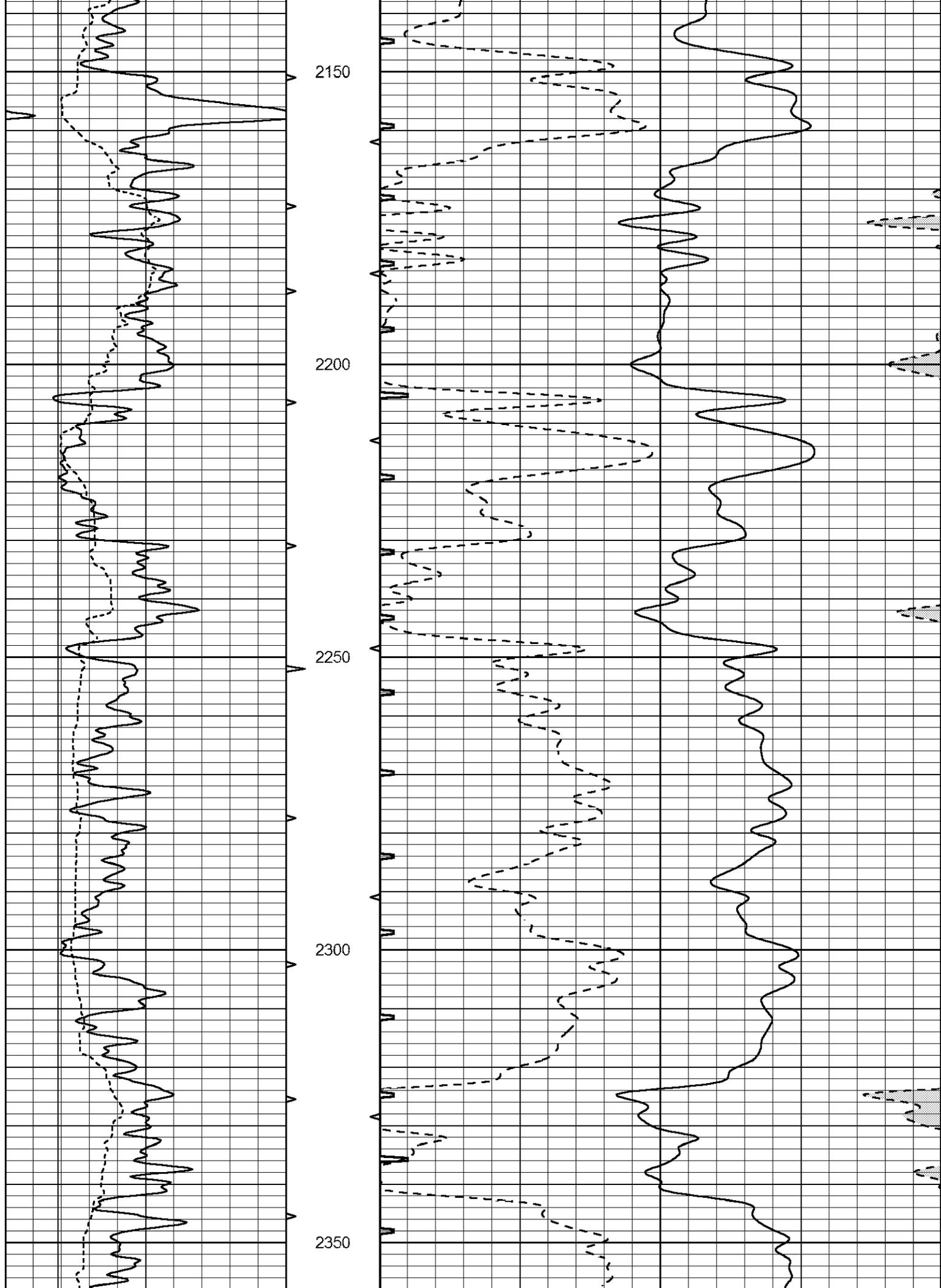
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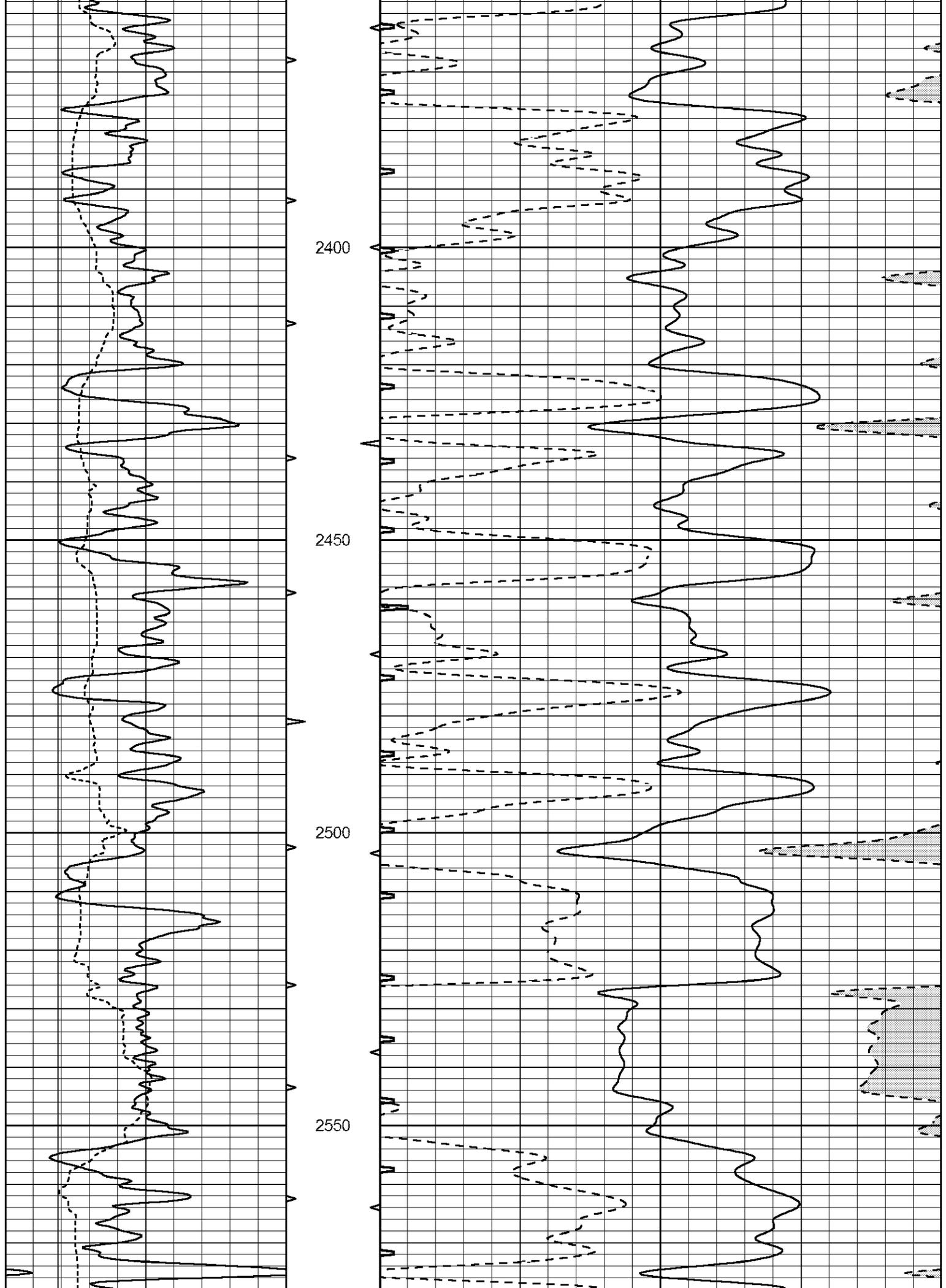
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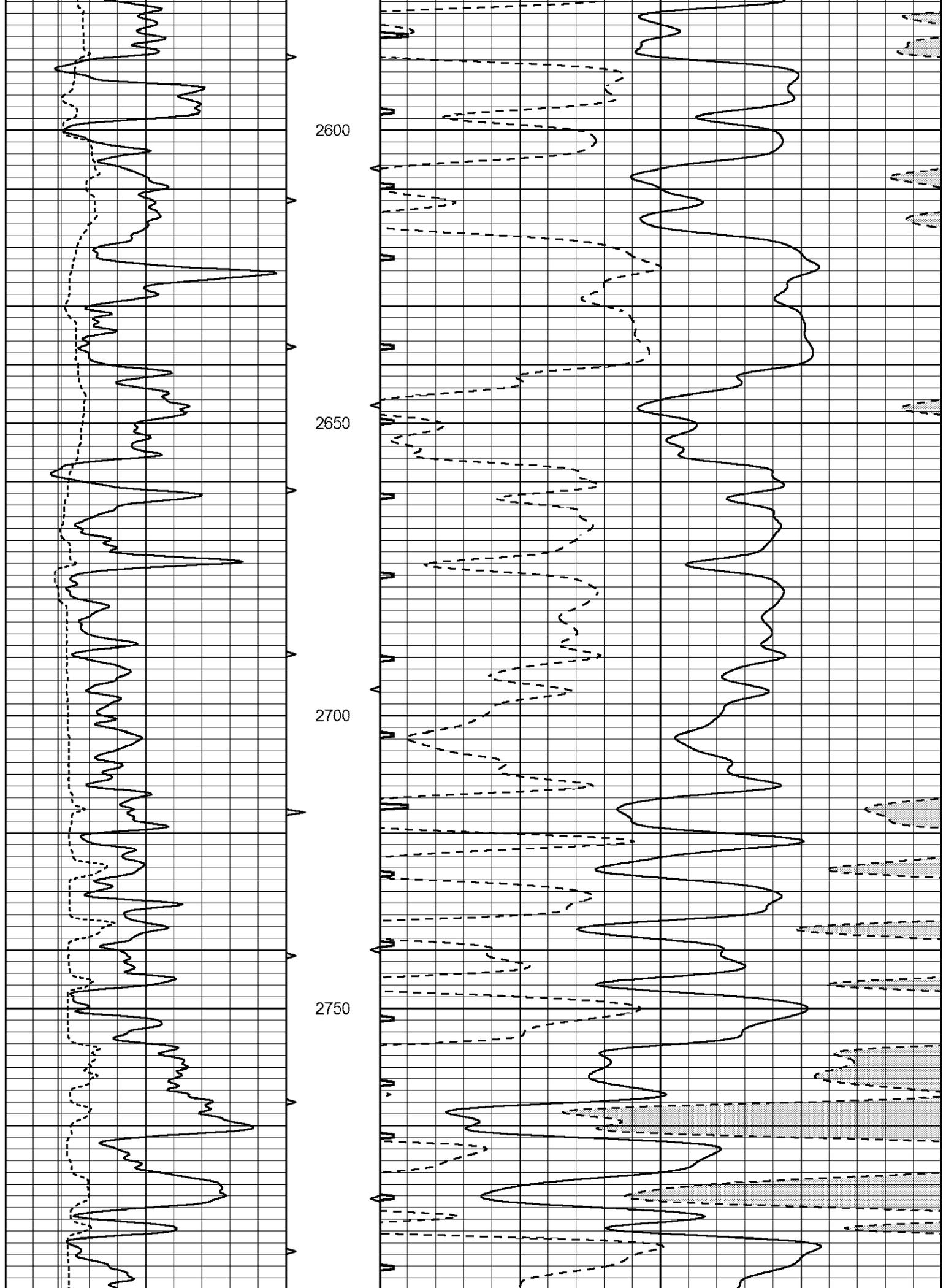
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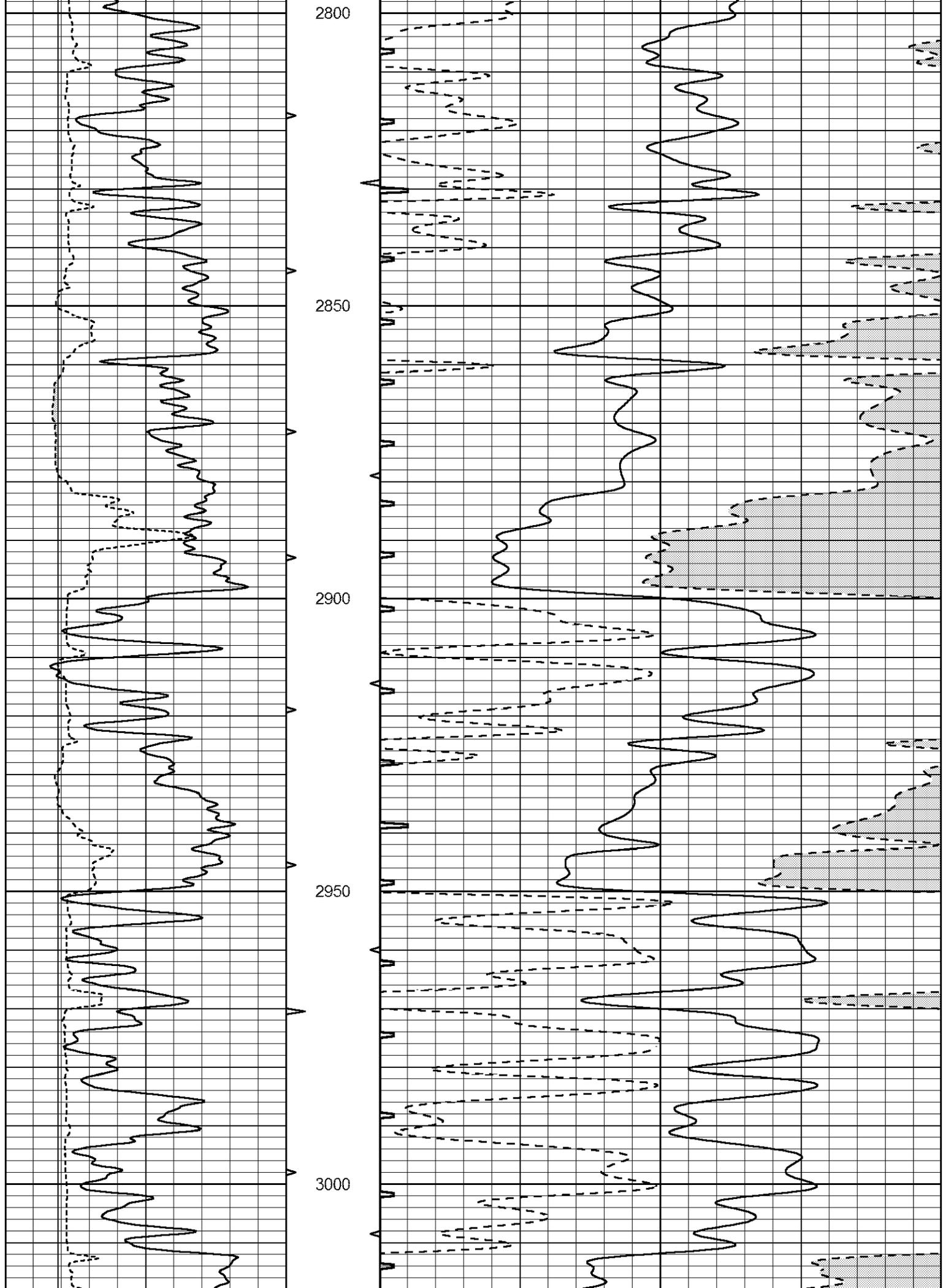


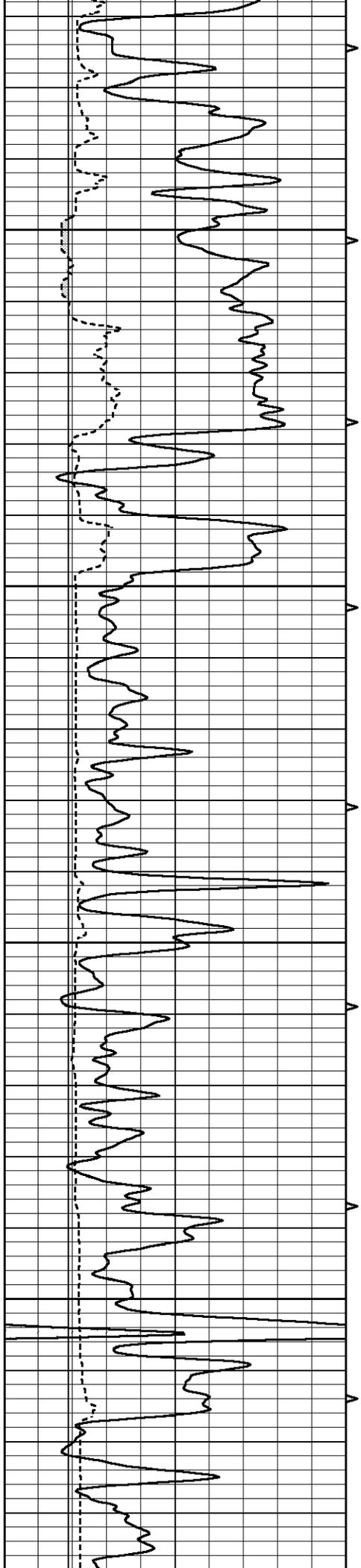










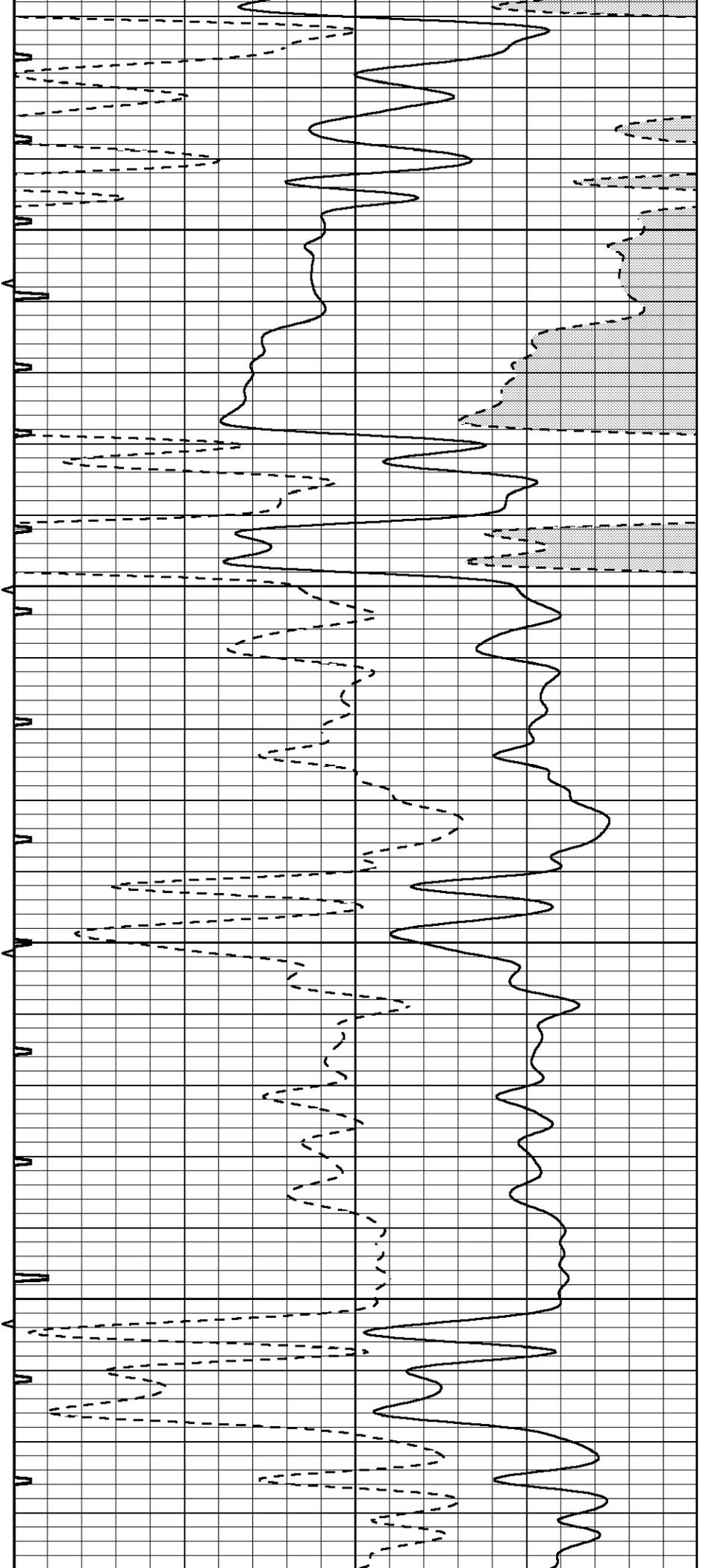


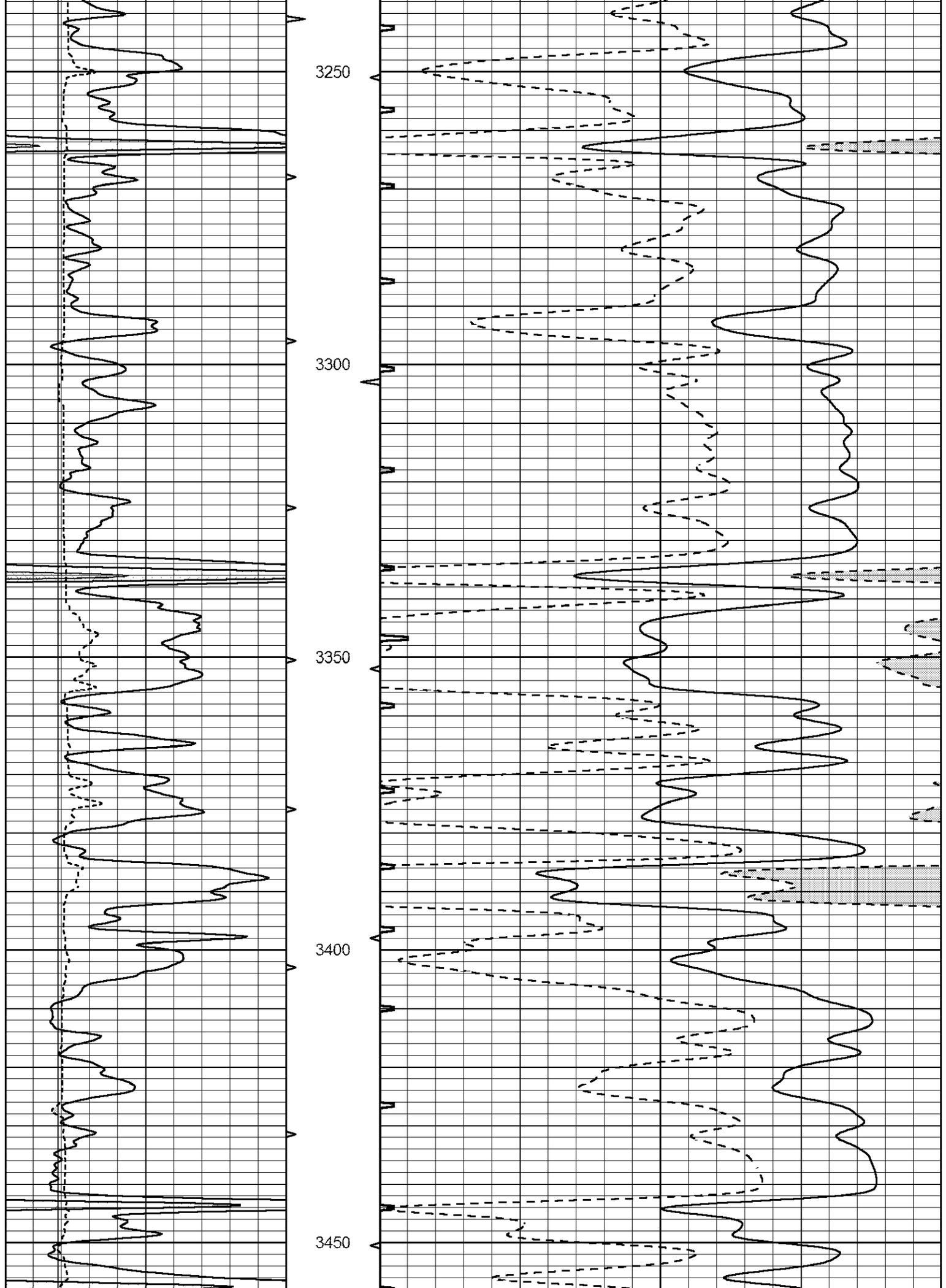
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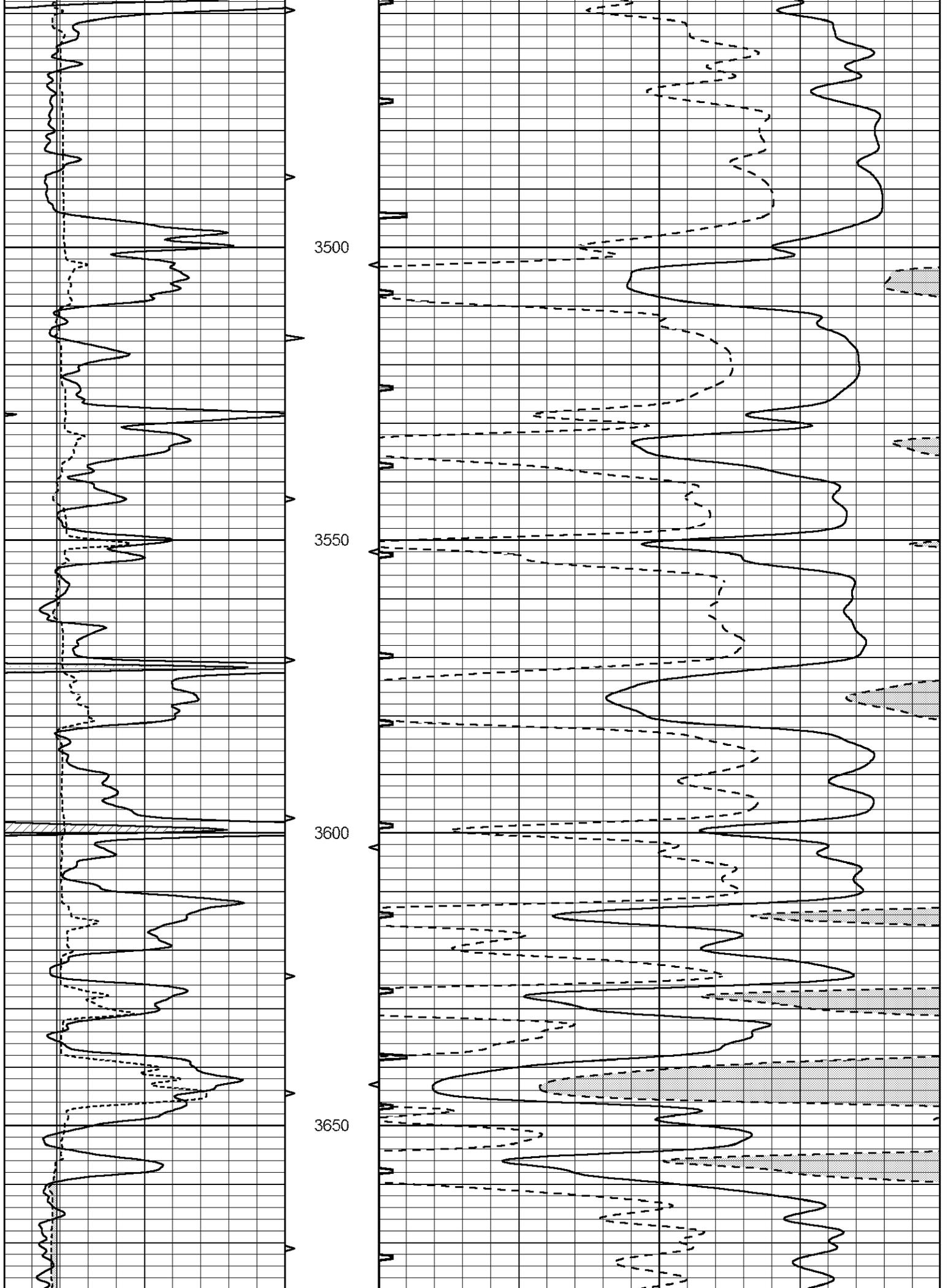
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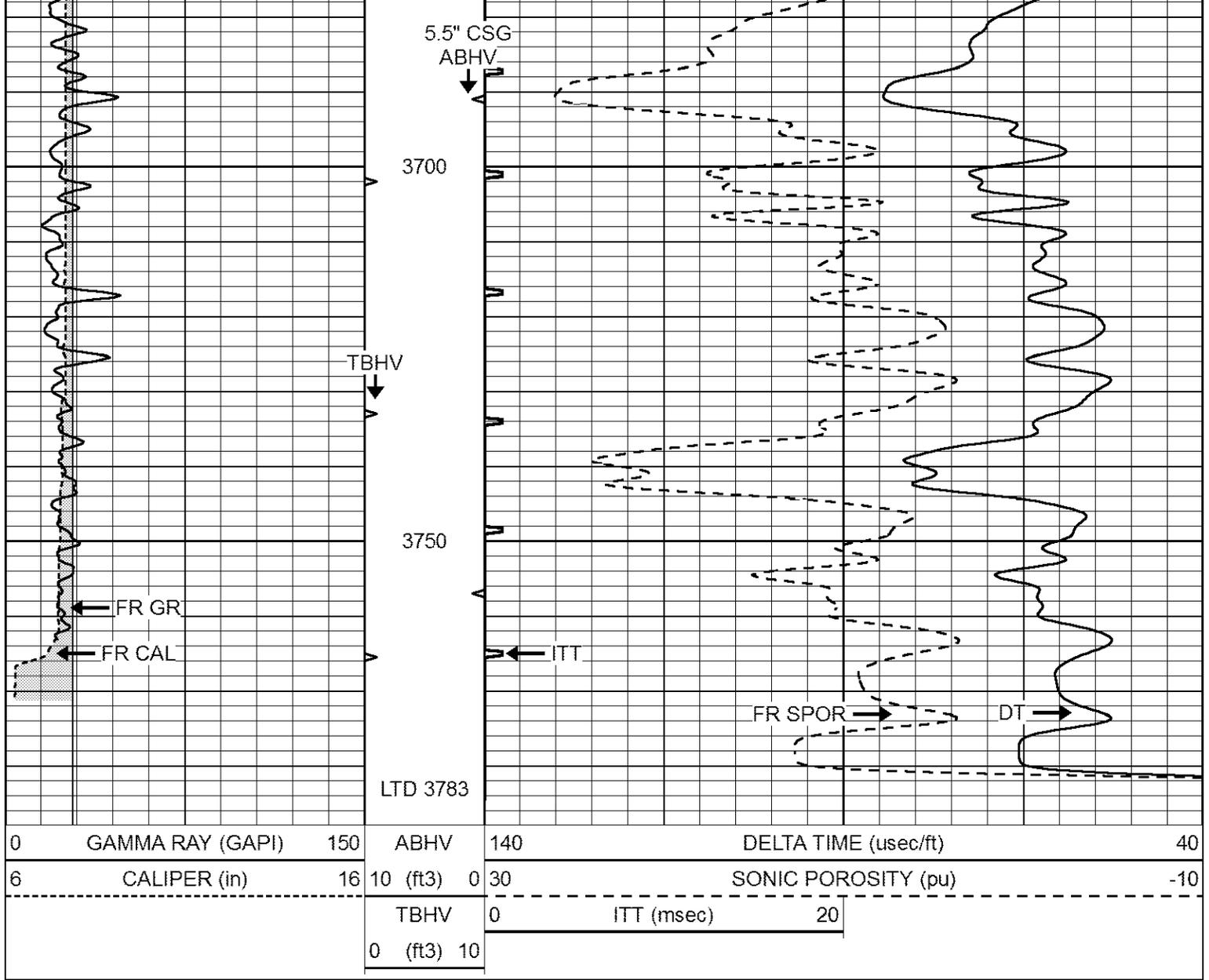
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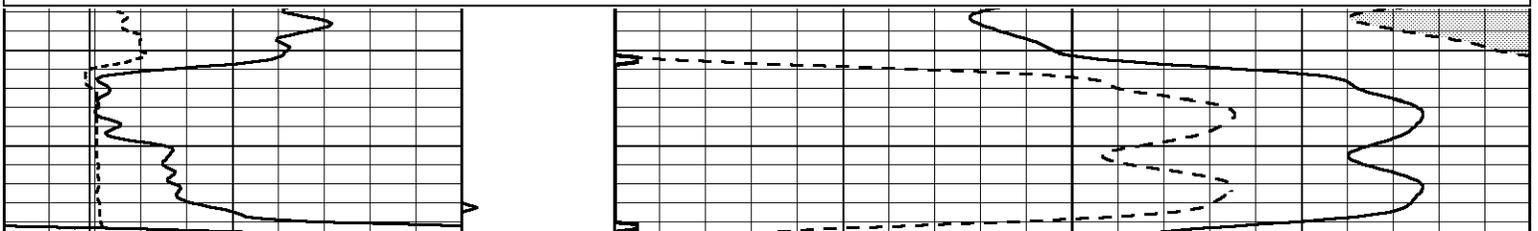


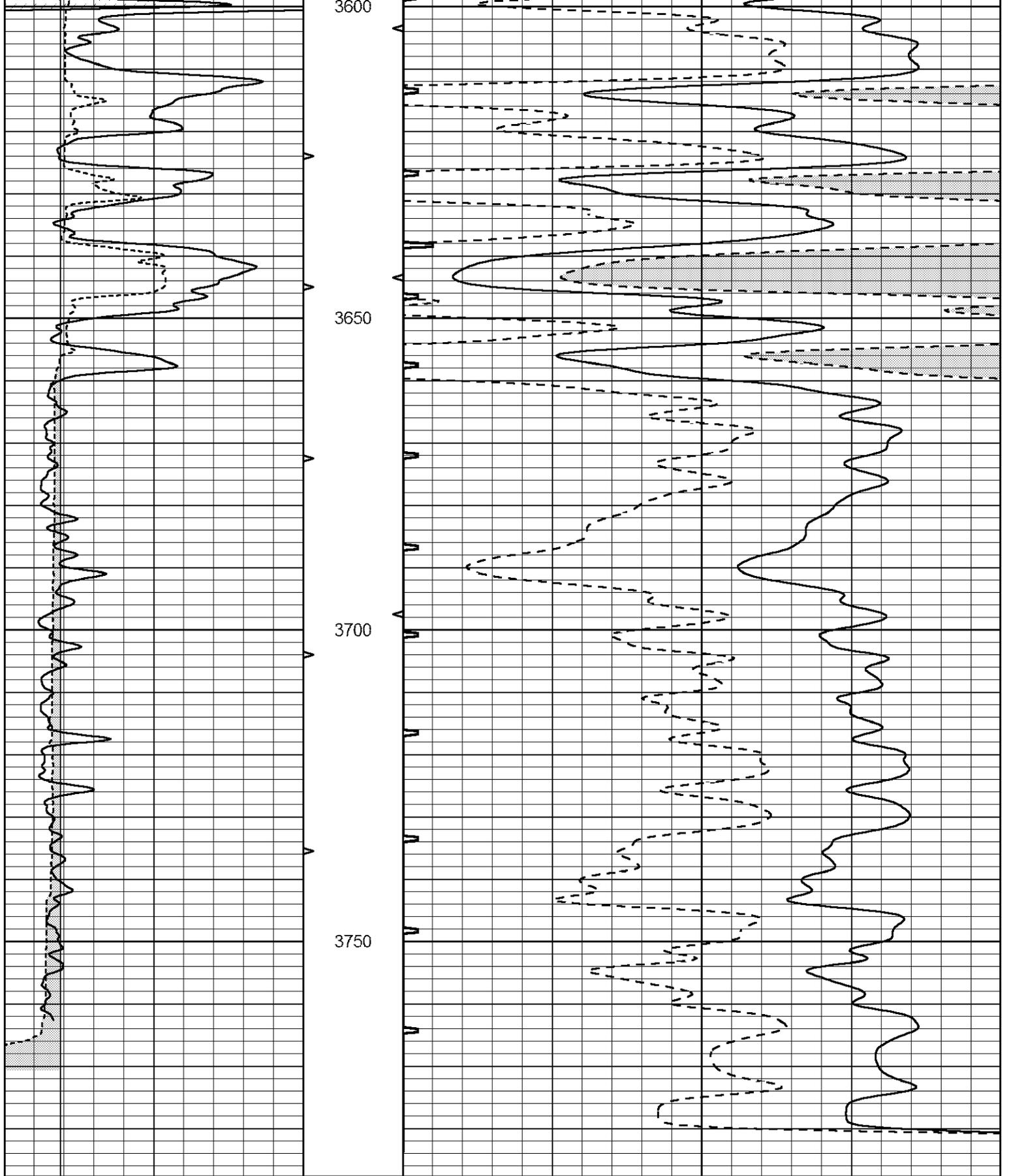


# REPEAT SECTION

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





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