



**CEMENT BOND LOG
GAMMA RAY, CCL**

ENERGY SERVICES

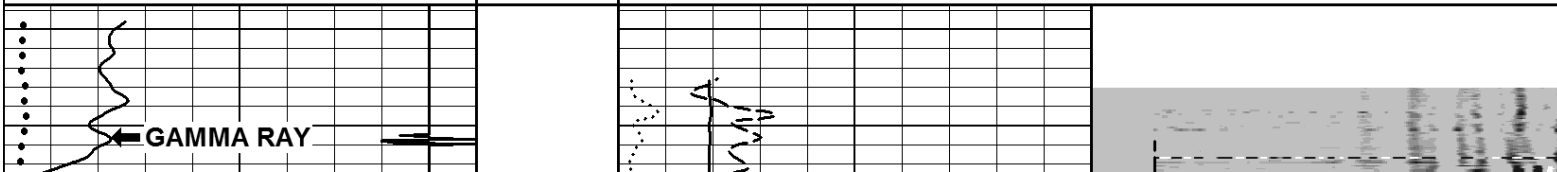
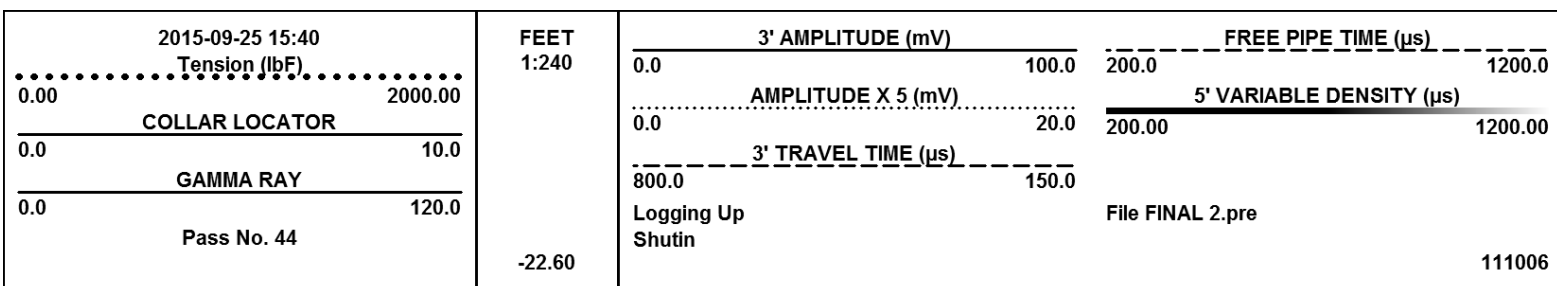
Company	PDC ENERGY INC.			
1/4'S	SESE	Well	HOUSE 1-36	
SEC.	36	Field	WATTENBERG	
TWP.	2N	County	BOULDER	State
RGE.	70W	COLORADO		
AP#:		05-013-06091		
WBS:				
1/4'S:	SESE	SEC:	36	TWP: 2N
		RGE:	70W	

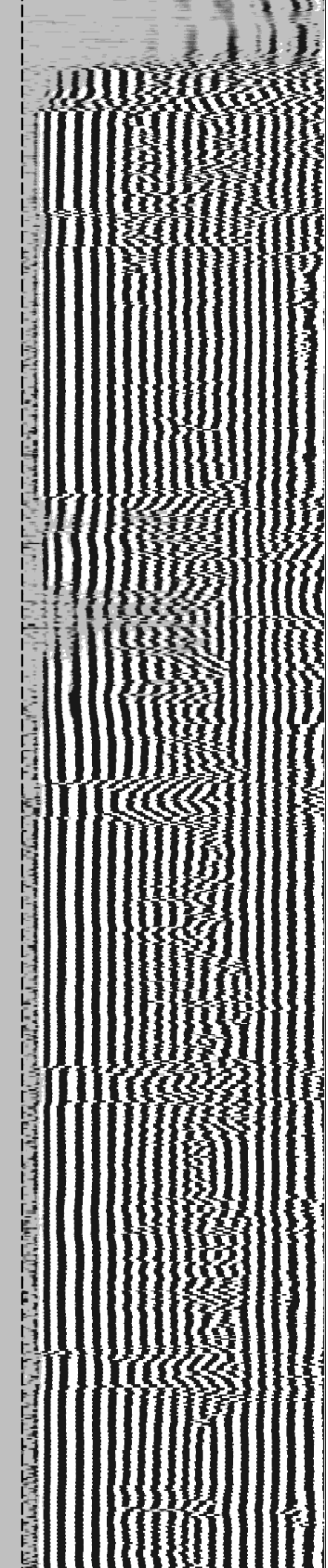
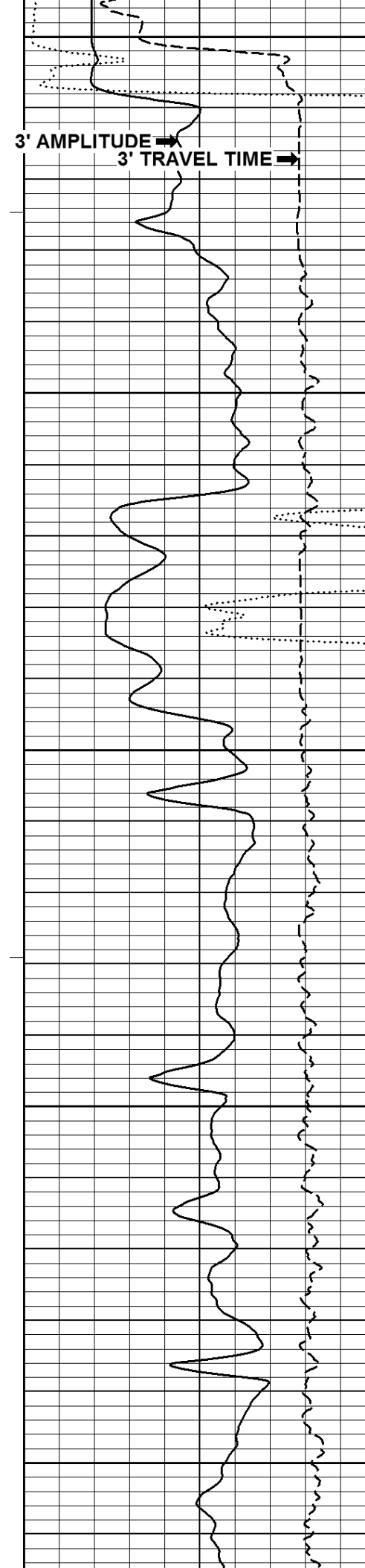
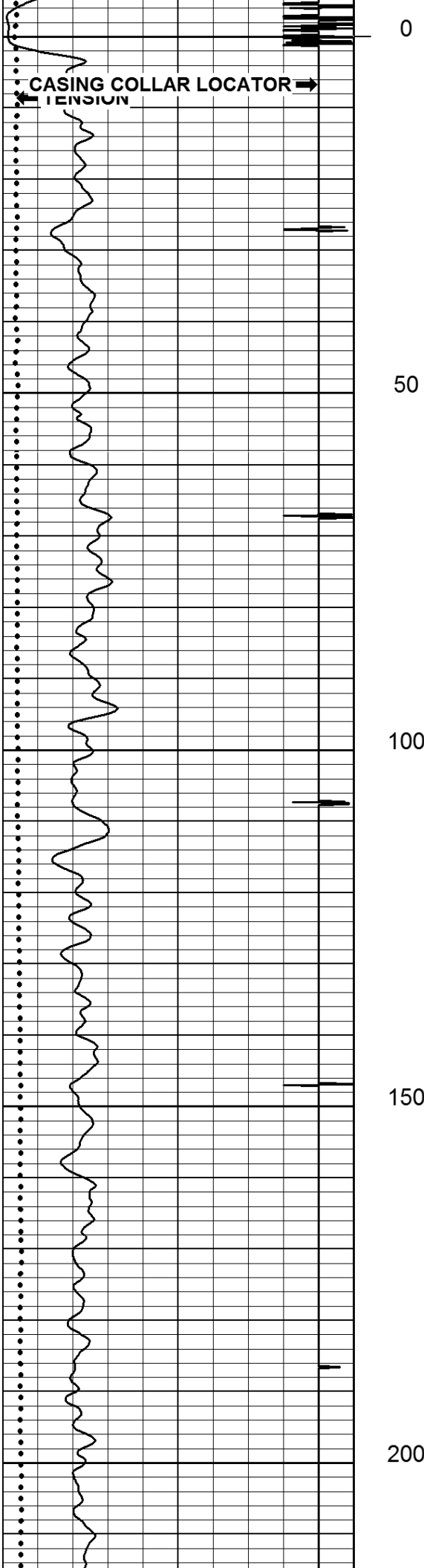
Permanent Datum	GL	Elevation	N/A	Elev K.B.	N/A
Log Measured From	KELLY BUSHING			Elev D.F.	N/A
Drill Measured From	KELLY BUSHIN	Feet Above Datum		Elev G.L.	N/A
Date	9-25-15	Gun Type	N/A	Gun Size	N/A
Run Number	1	Charge Type	N/A	Gram Wt.	N/A
Magna Depth	7020'	Shots / Foot	From	To	# of Shots
Driller Depth	7613'				
First Reading	7019'				
Last Reading	SURFACE				
Max Temperature	N/A				
Est. Cement Top	6350'				
Fluid Type	H2O				
Fluid Density	8.2				
Est. Fluid Level	SURFACE				
Service Order	10000971				
Truck No	222	Casing Data			
Recorded By	A.REAGAN	Size inches	Weight Lb/Ft	From	To
Witnessed By	S.MAREZ	8 5/8"	24#	SURFACE	523'
Magna Contact	Ryan Ludwig (307) 680 -8124	5.5"	15.5#	SURFACE	7613'

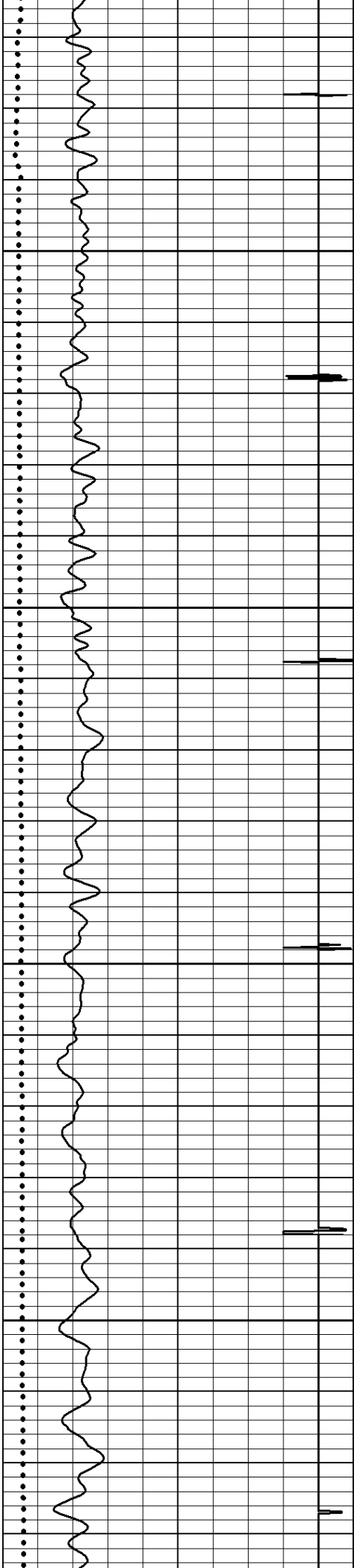
[illegible]

Previous Well Information
Depth Control Log
Perforated
Bridge Plug Set At
Cement Retainer Set At
Production Packer Set At

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 interpretations, 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 as set out in our current price schedule.





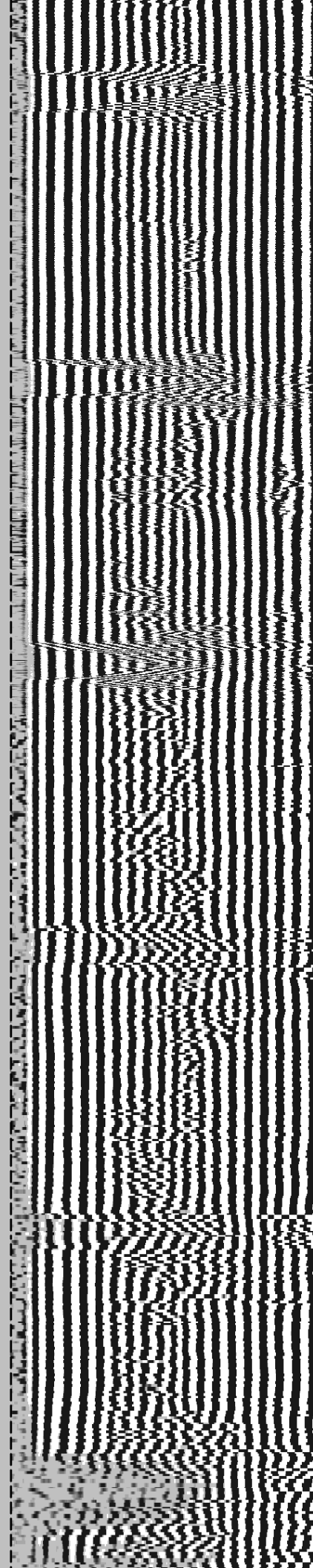
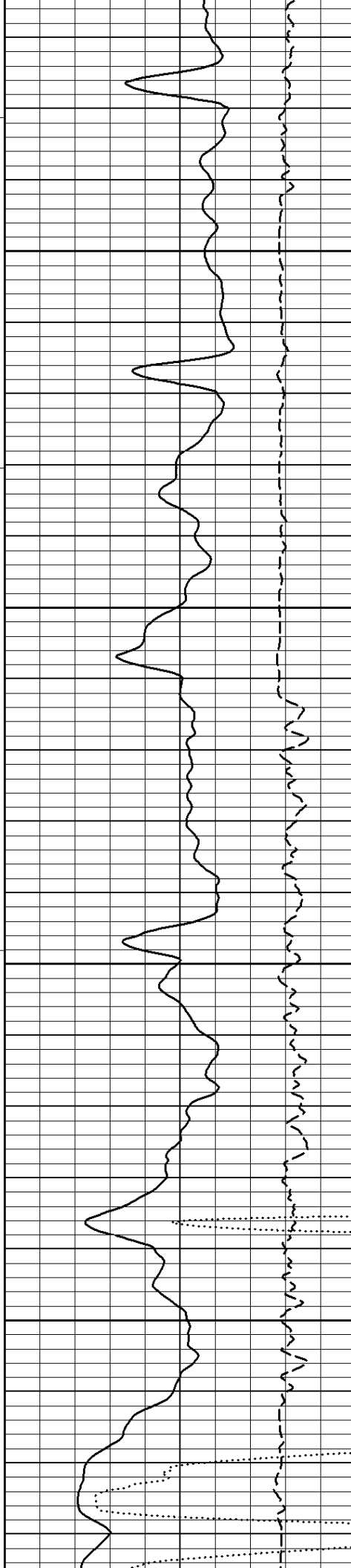


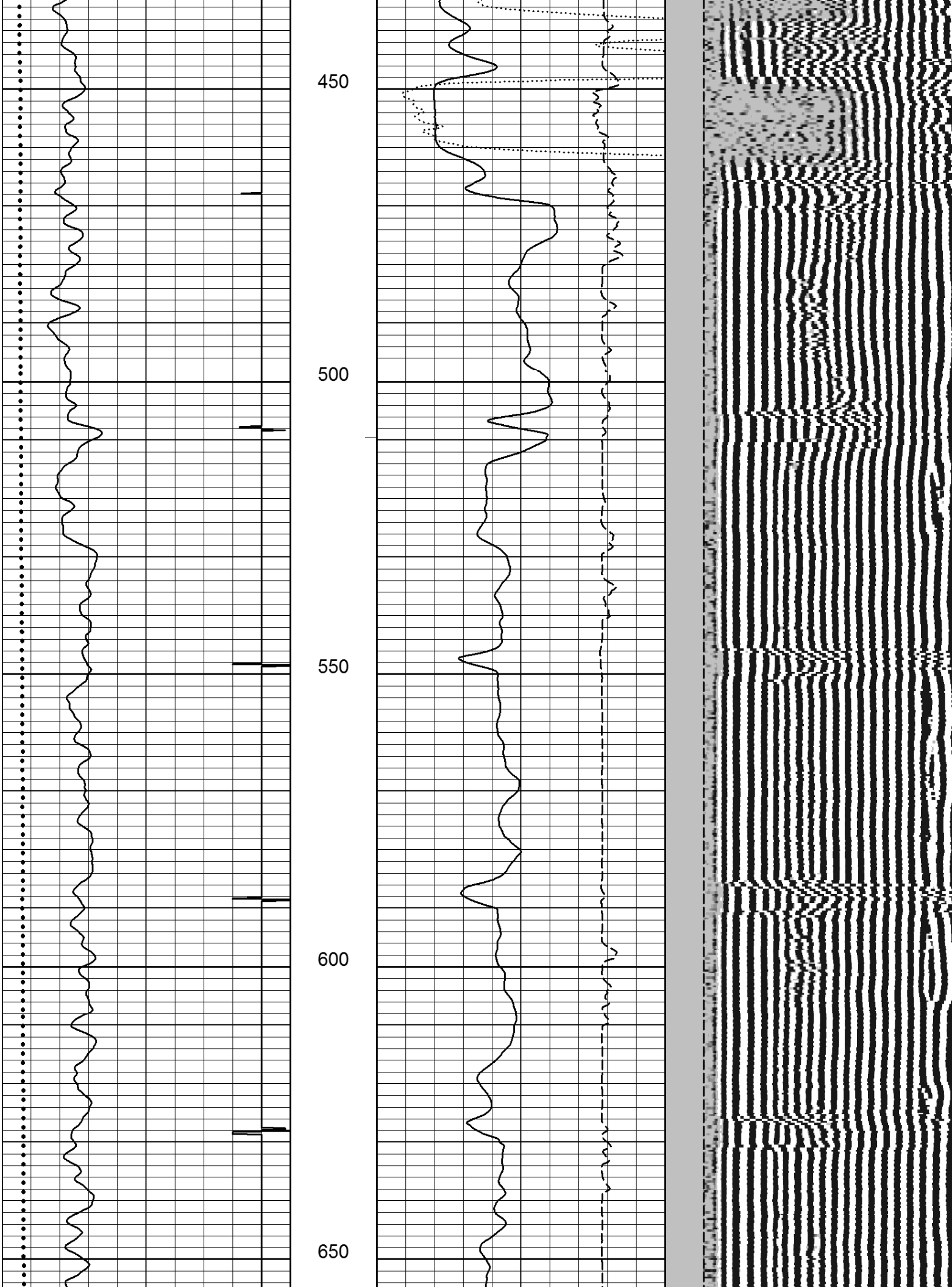
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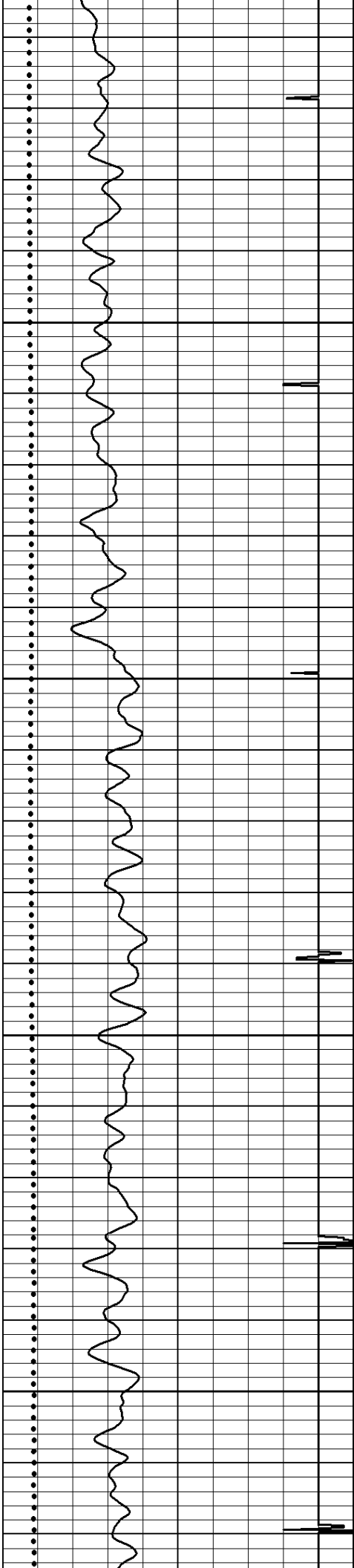
300

350

400





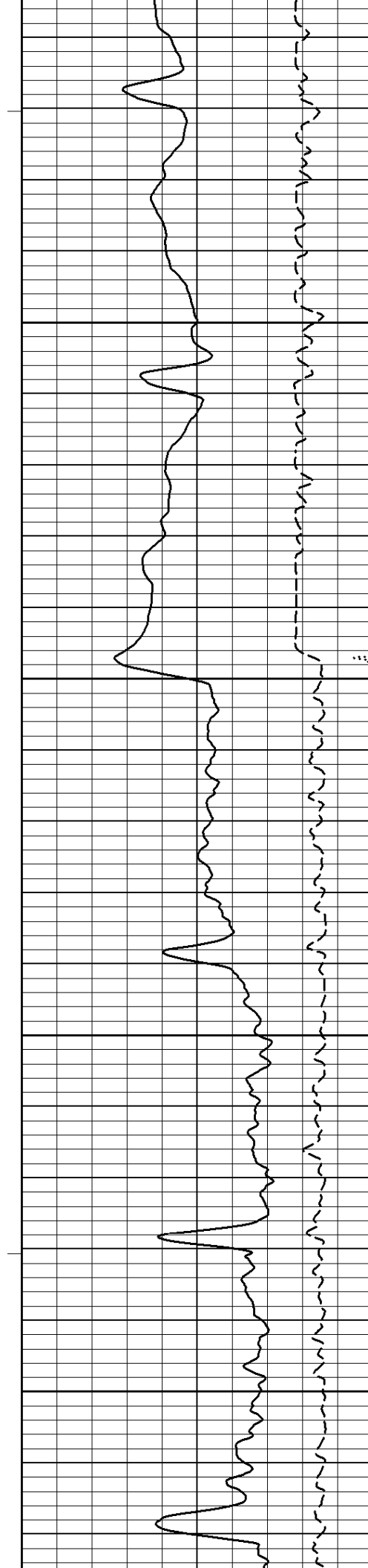


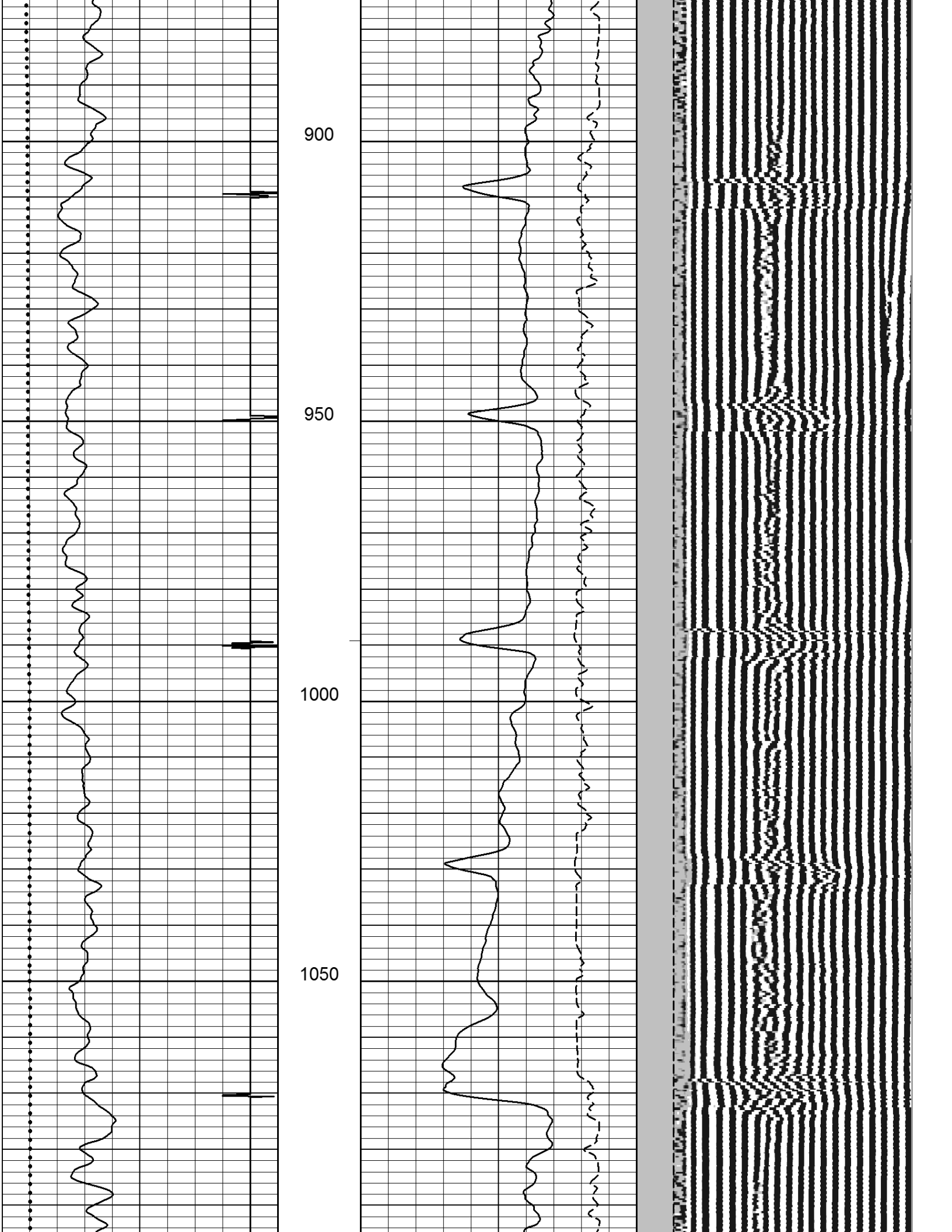
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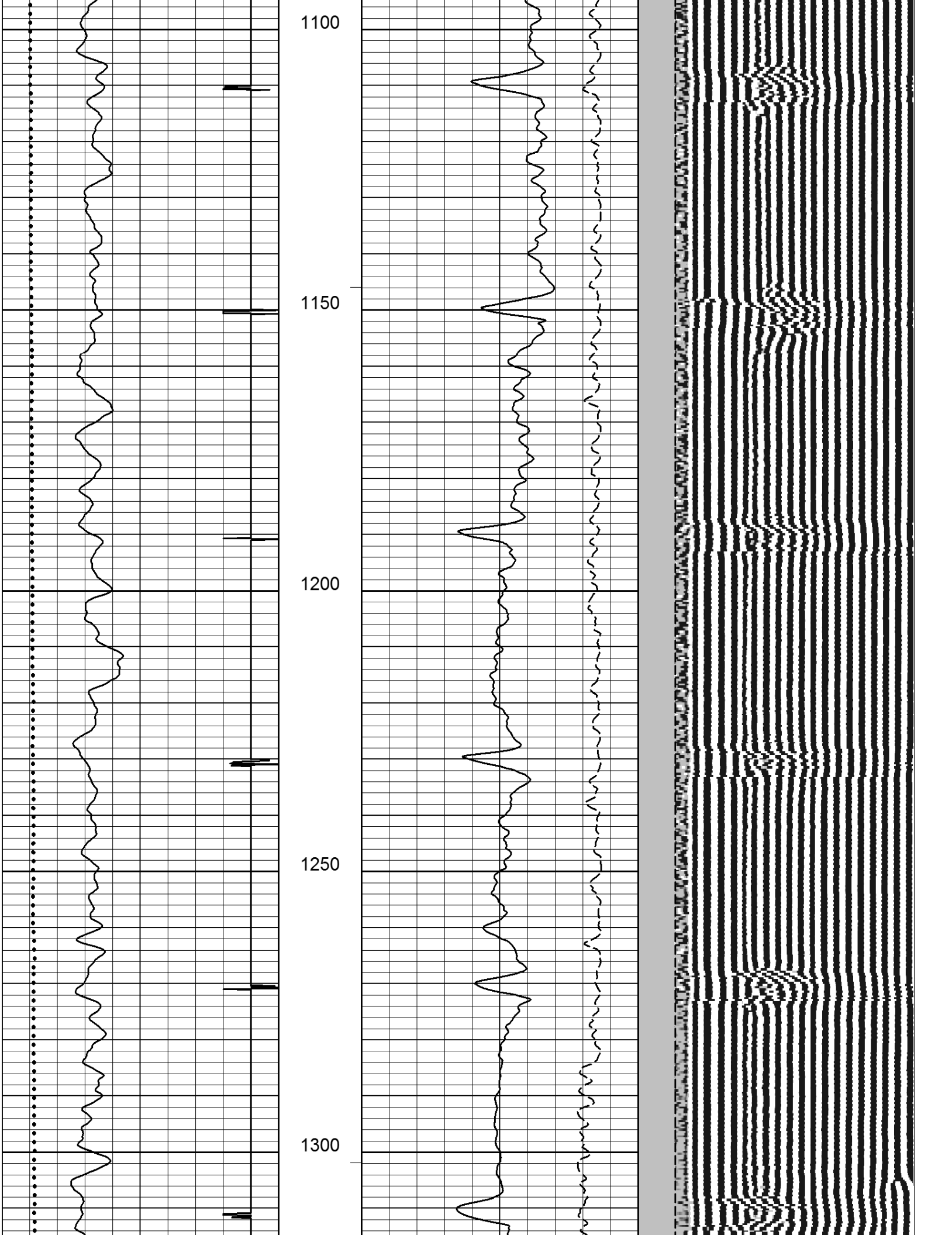
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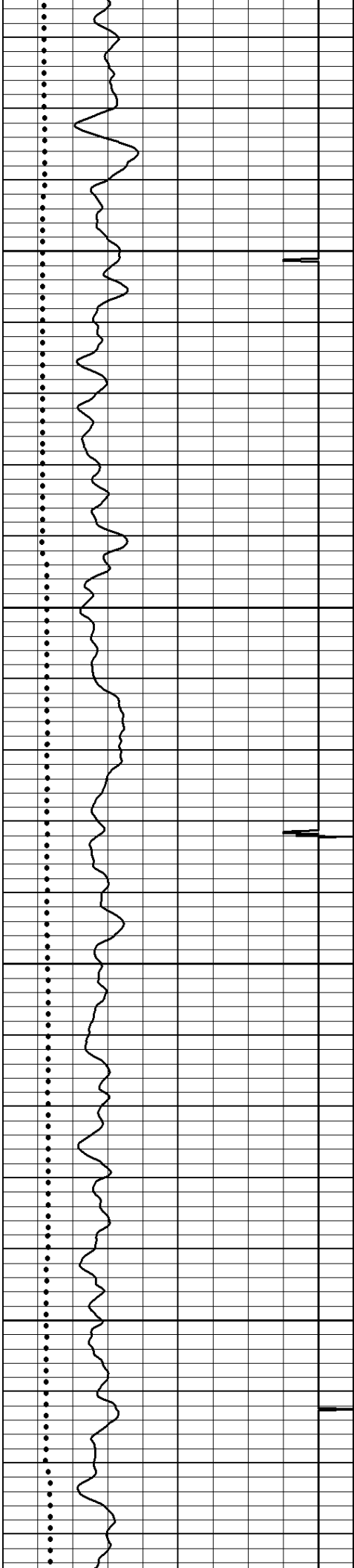
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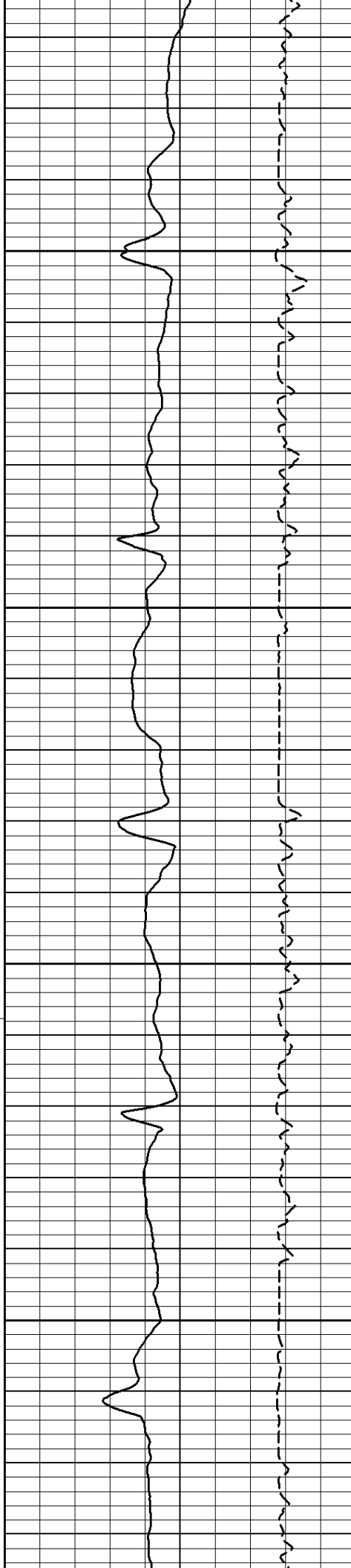


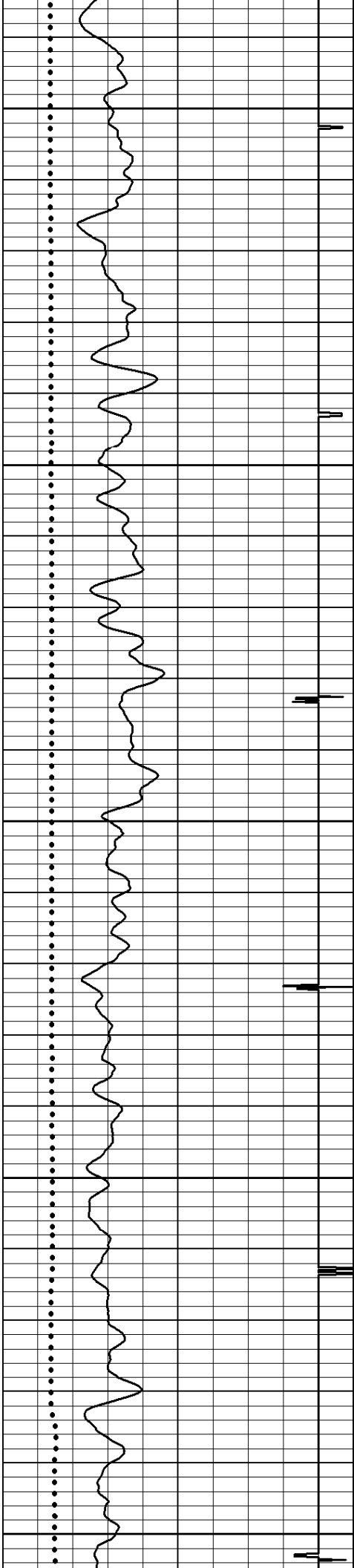
1350

1400

1450

1500





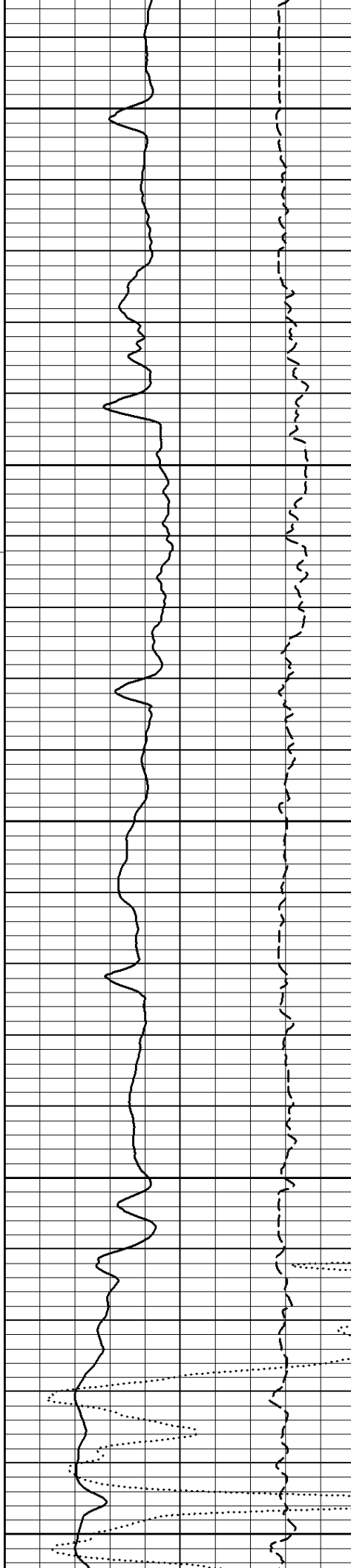
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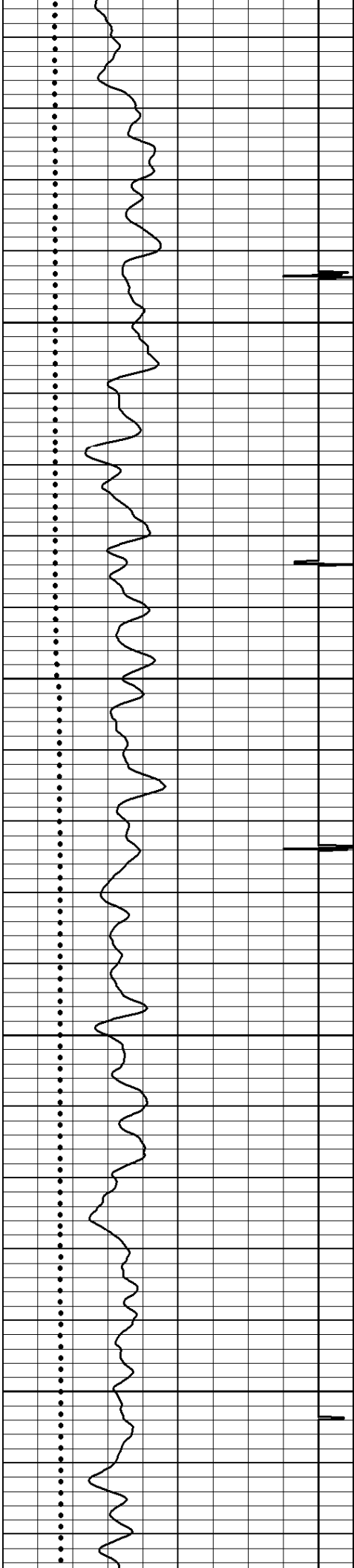
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1700

1750



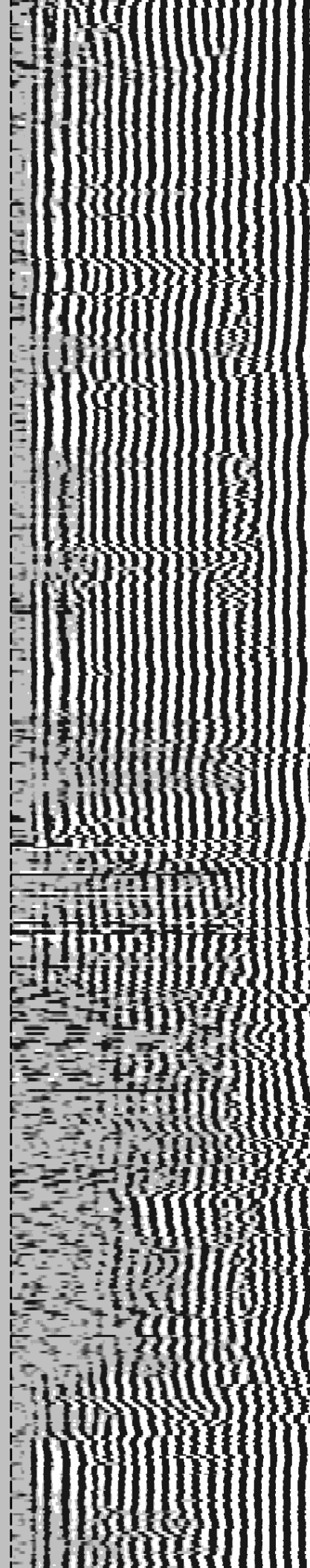
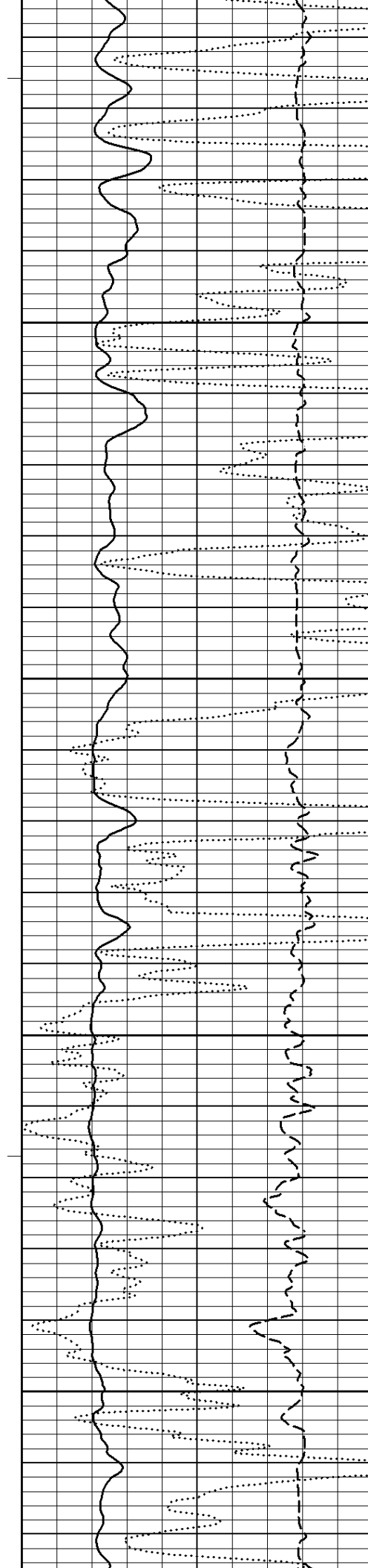


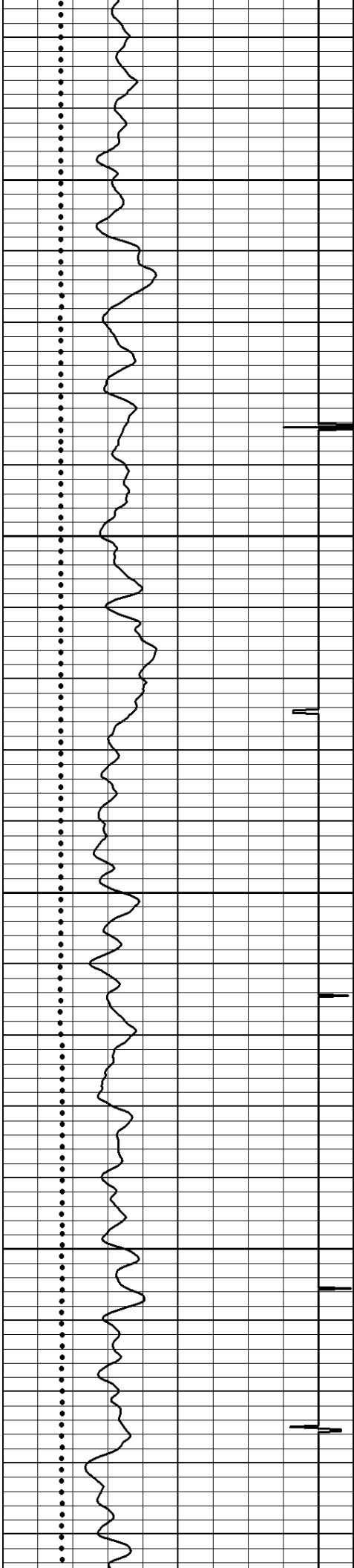
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1850

1900

1950



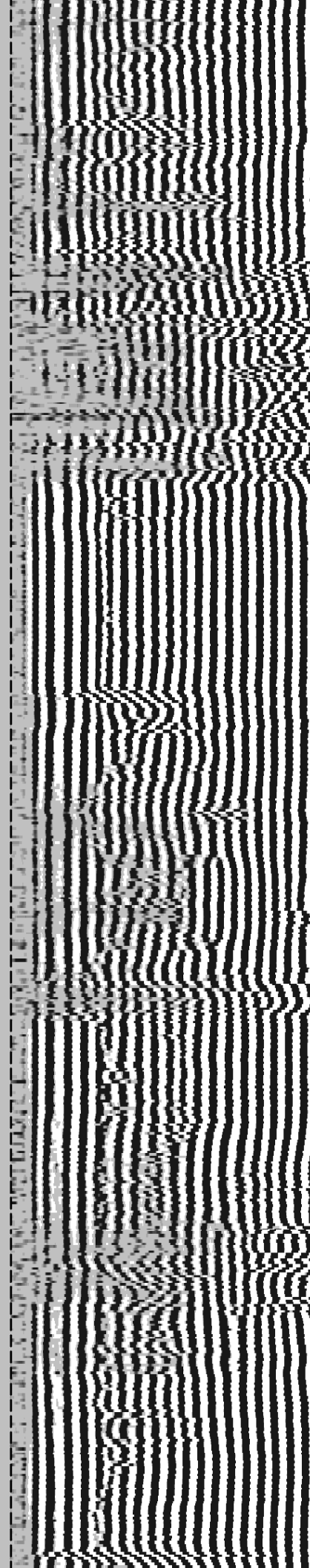
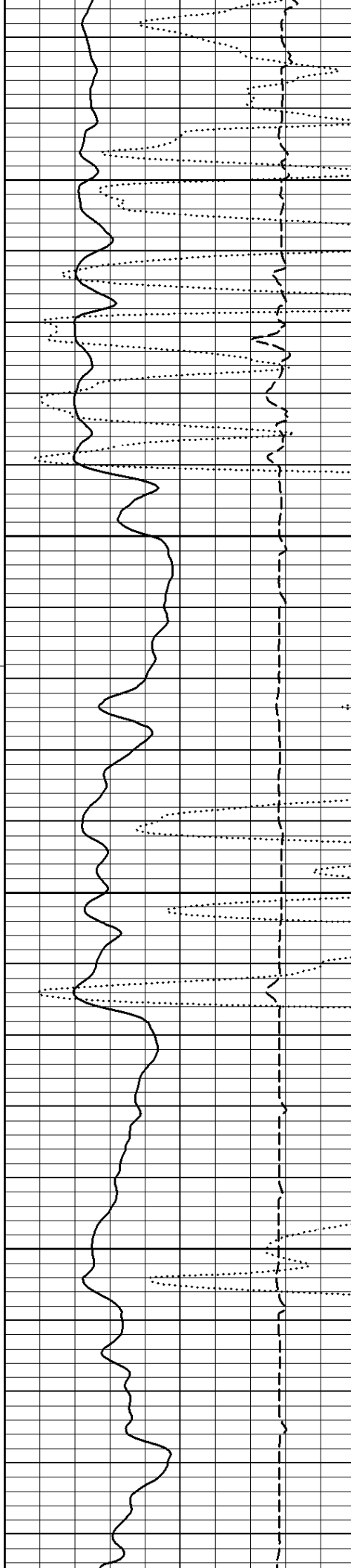


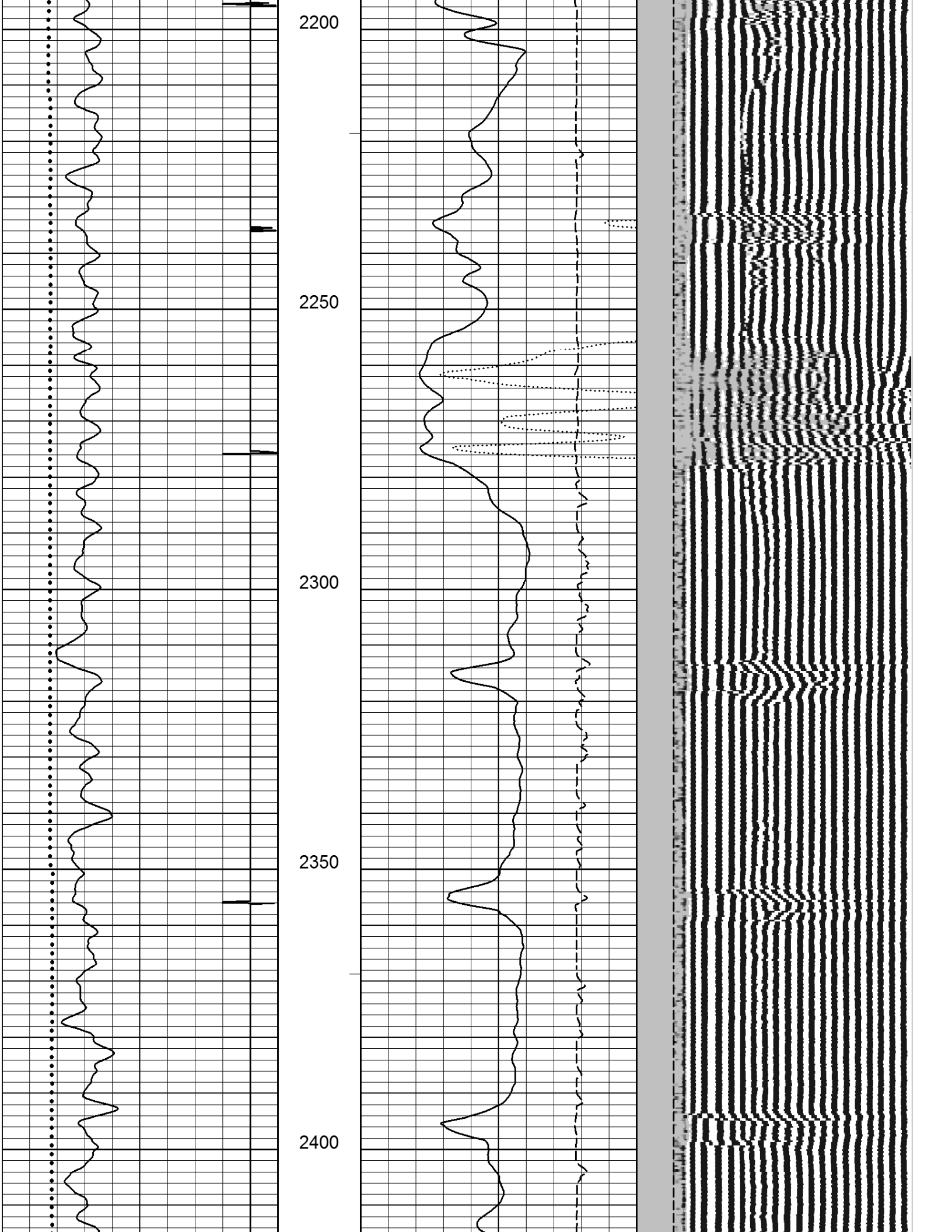
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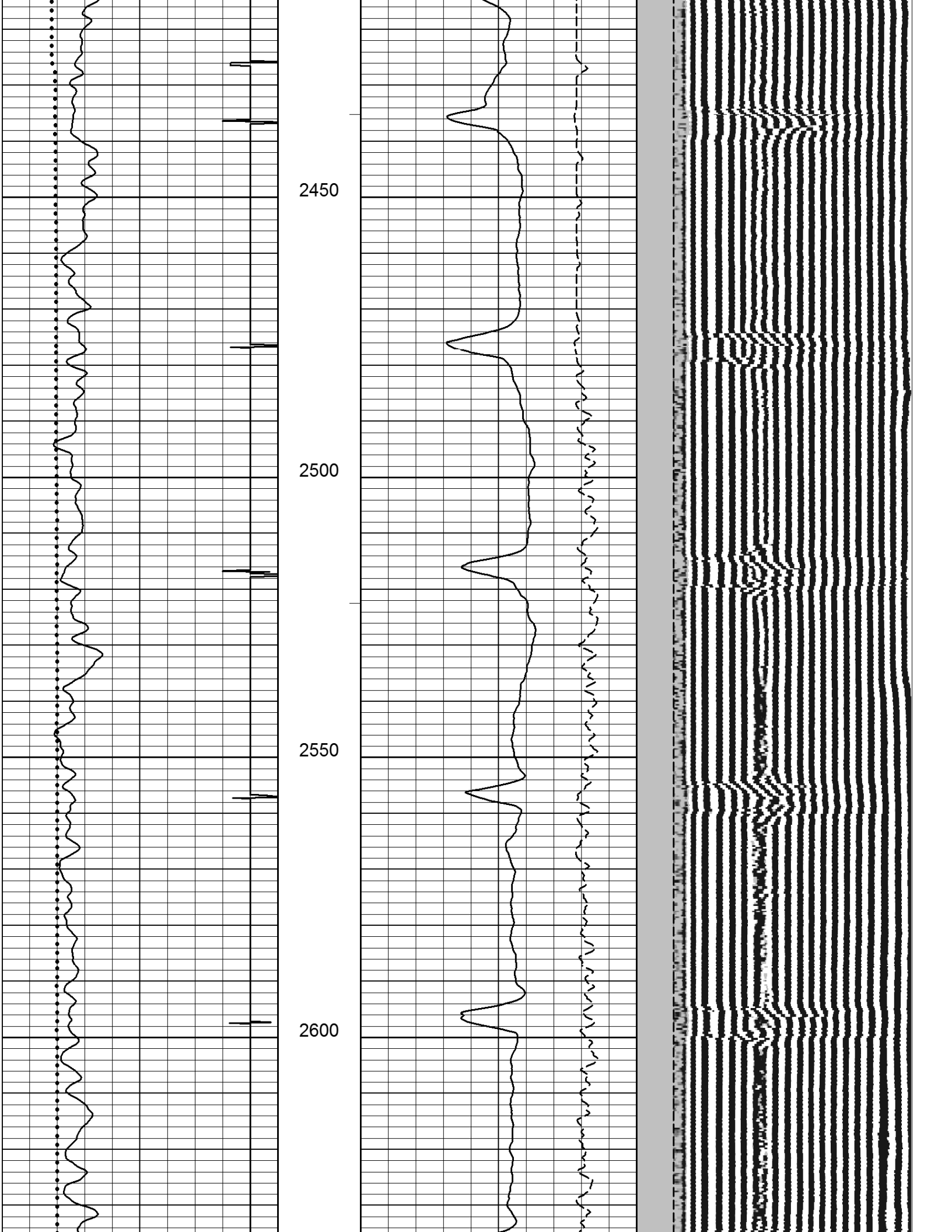
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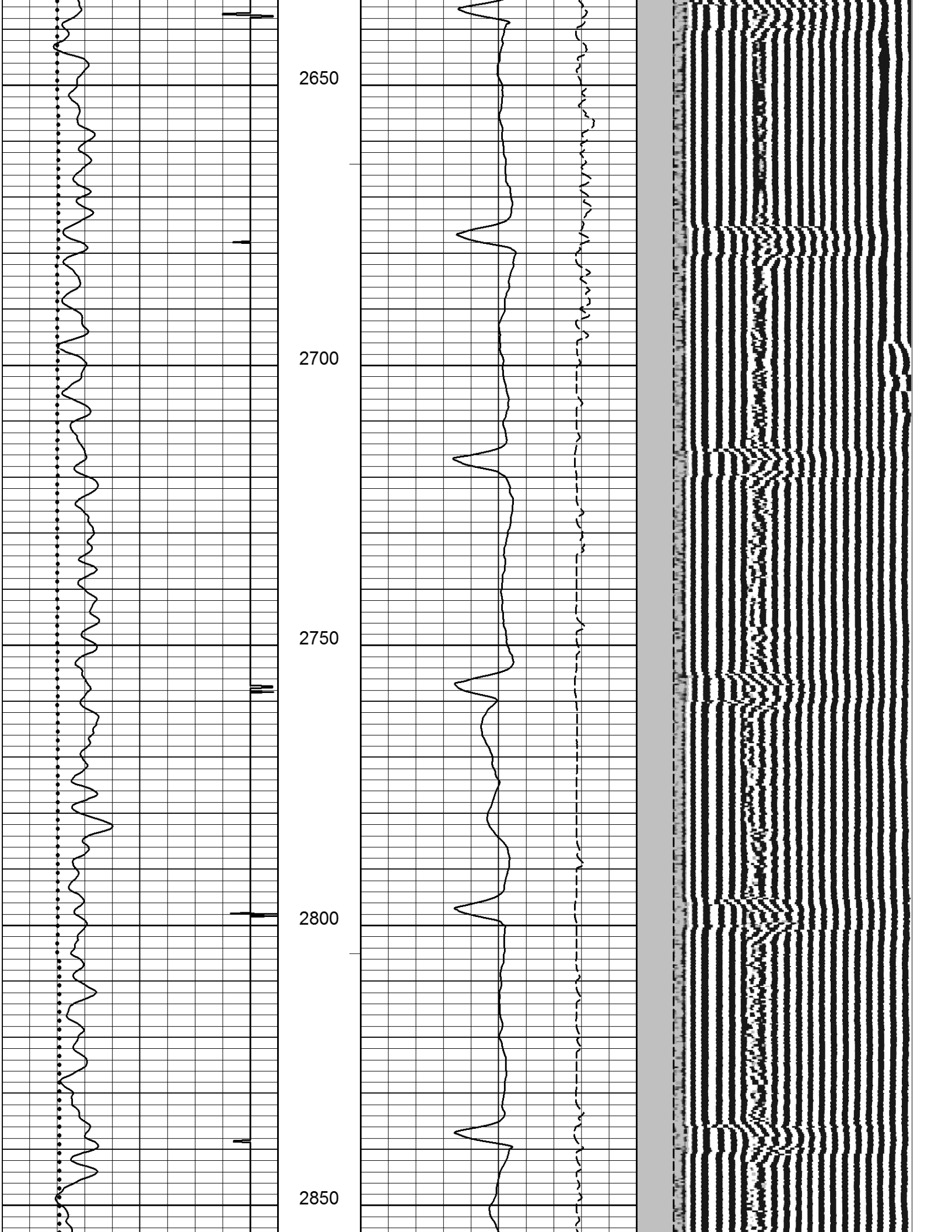
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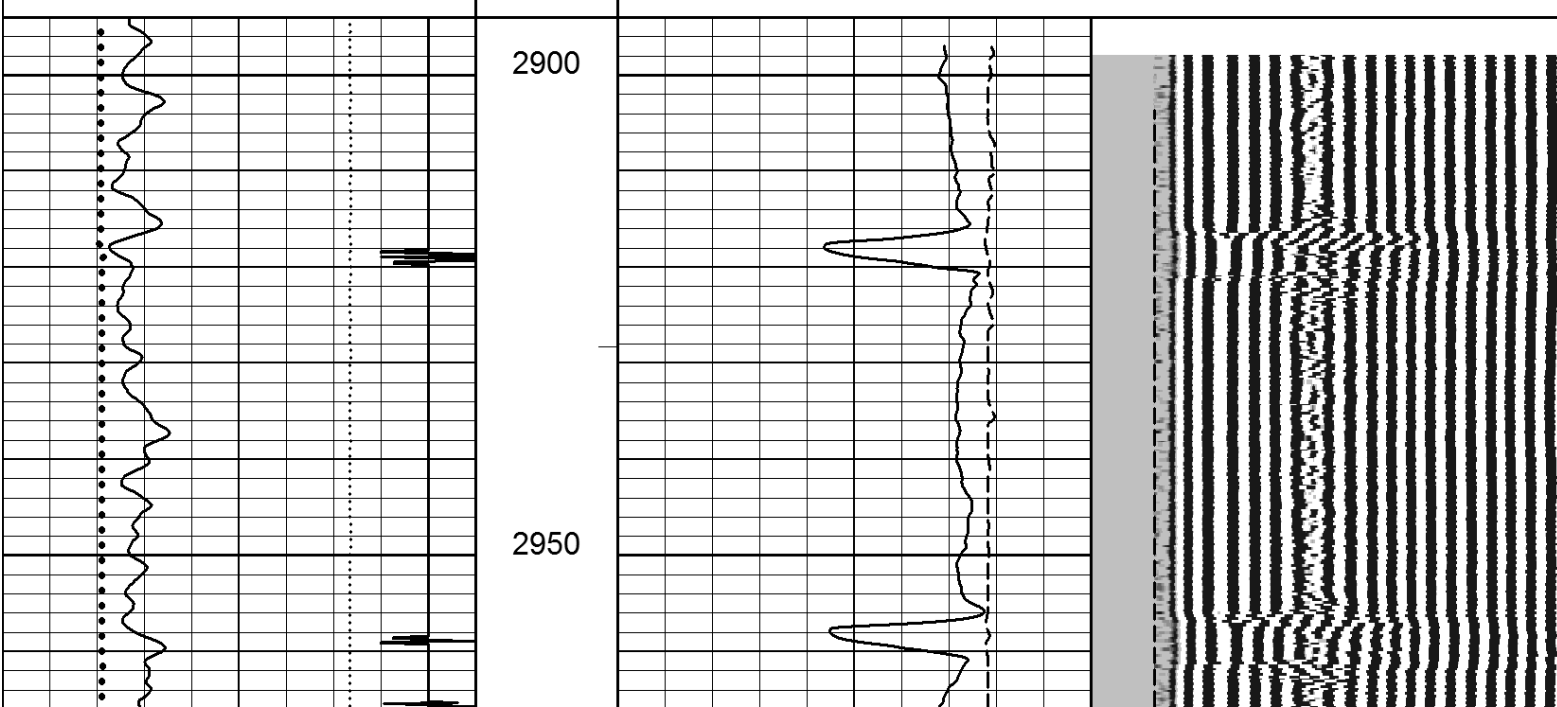
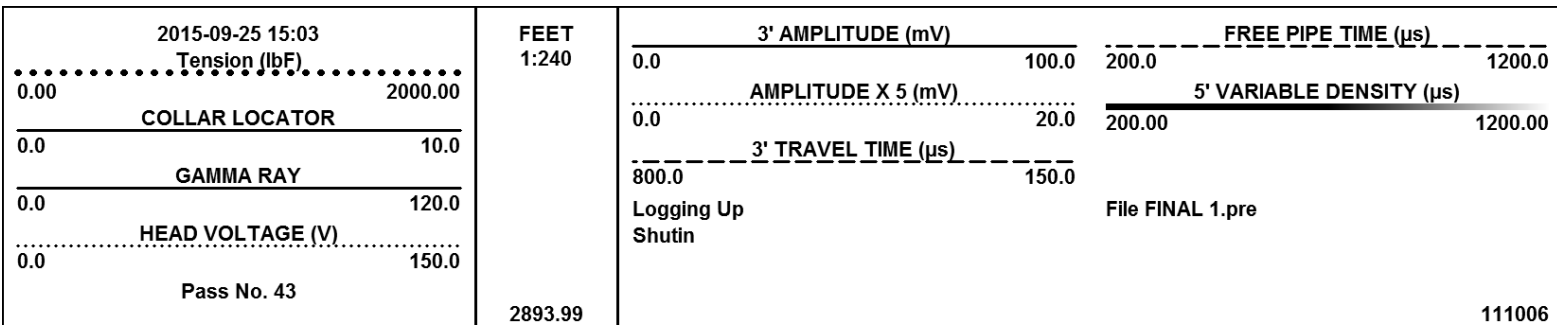
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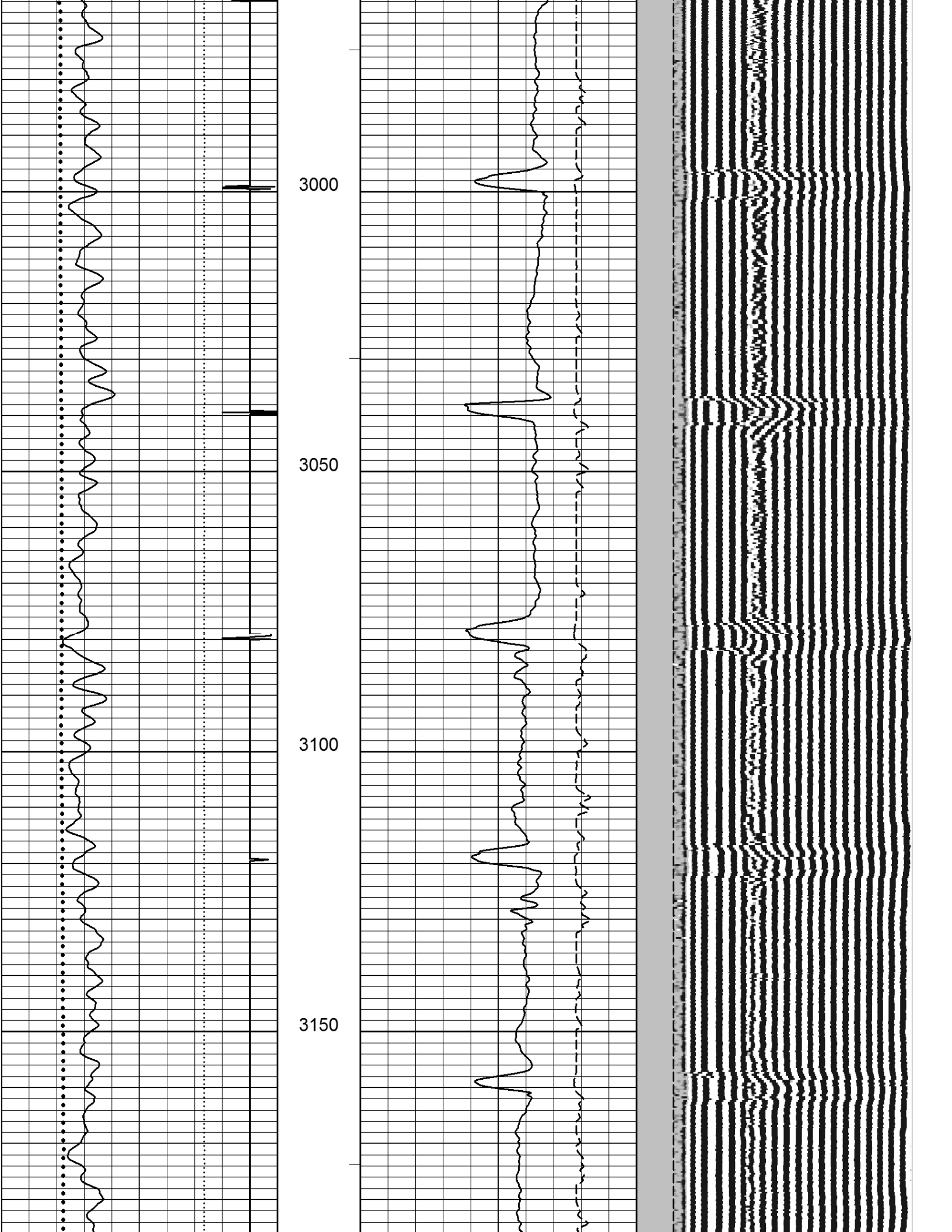


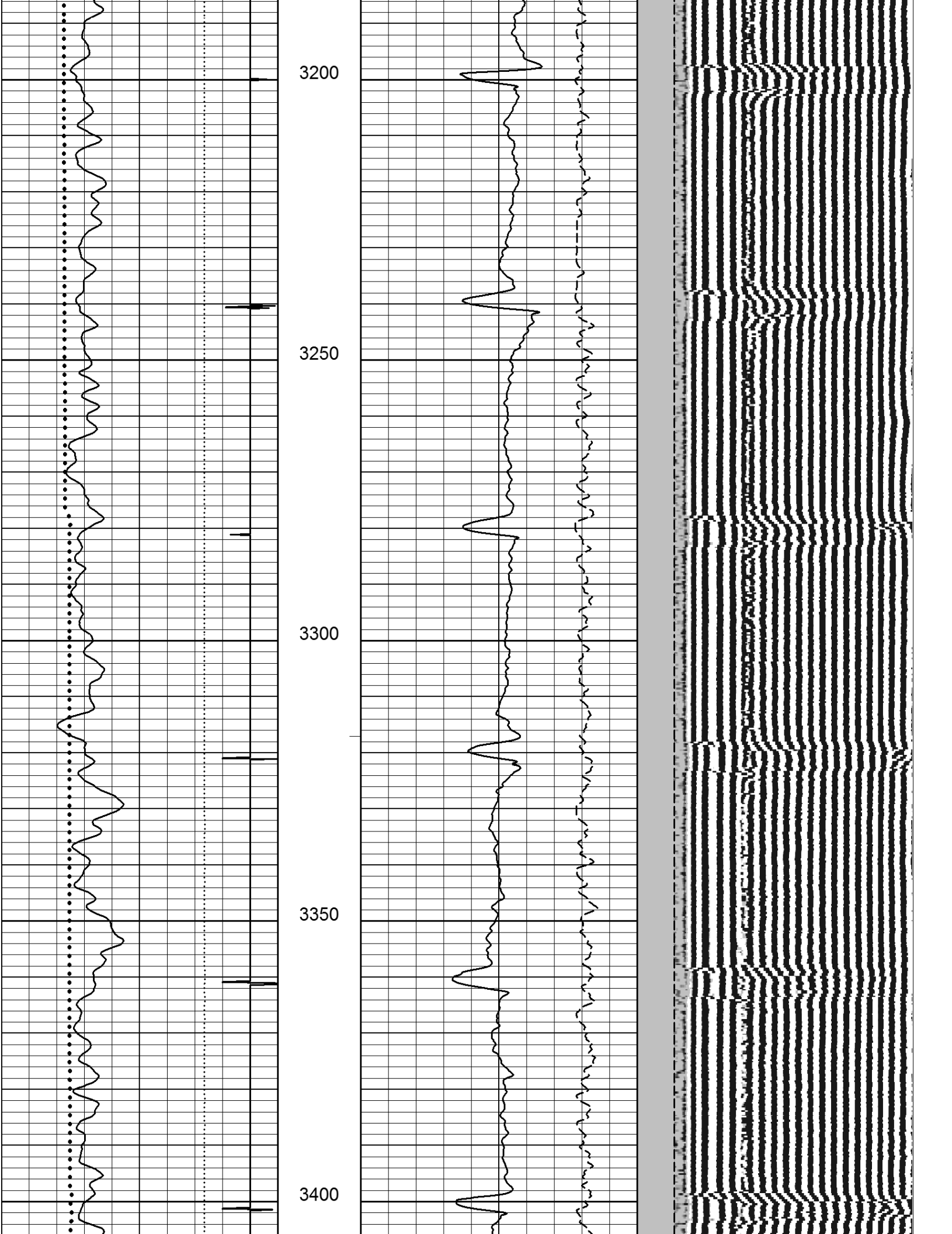


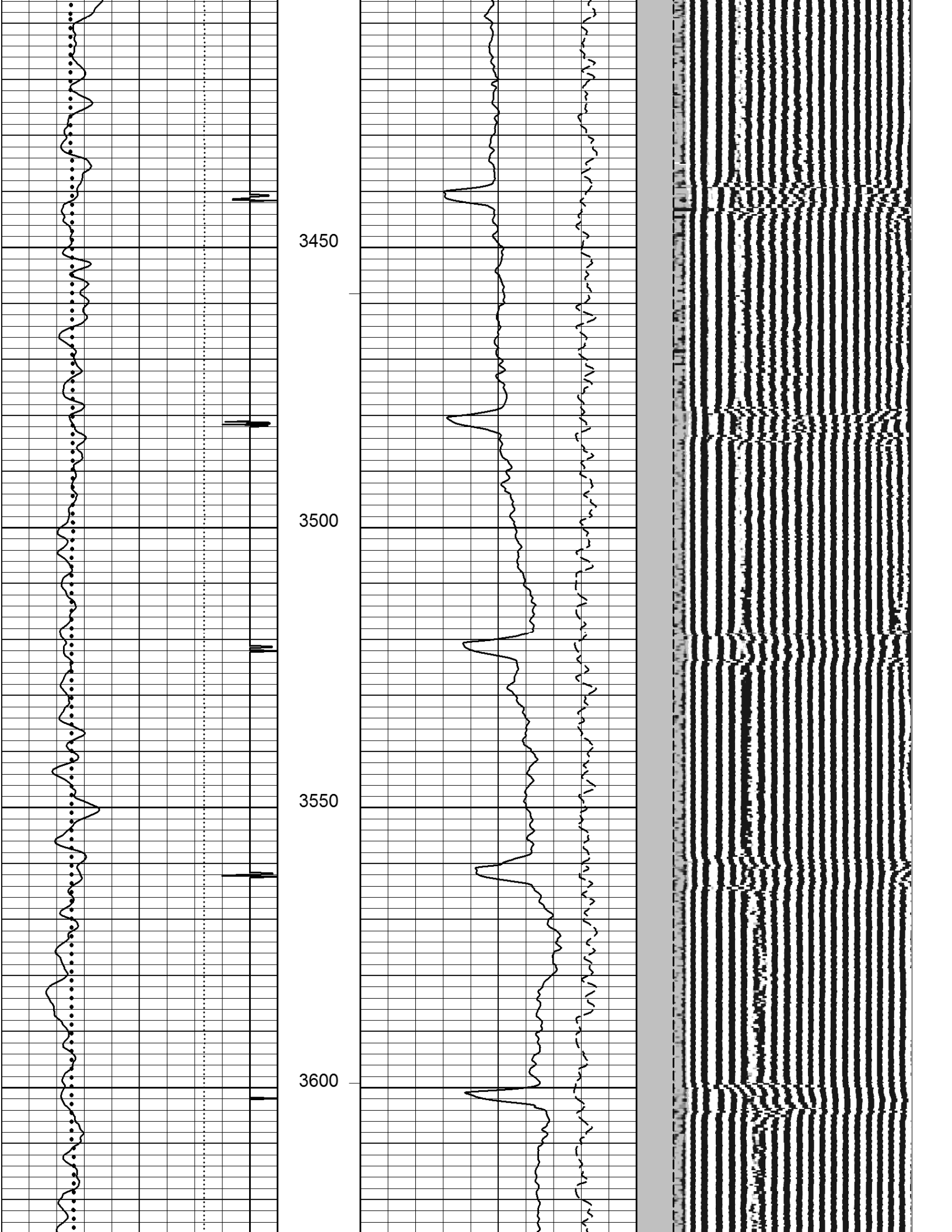


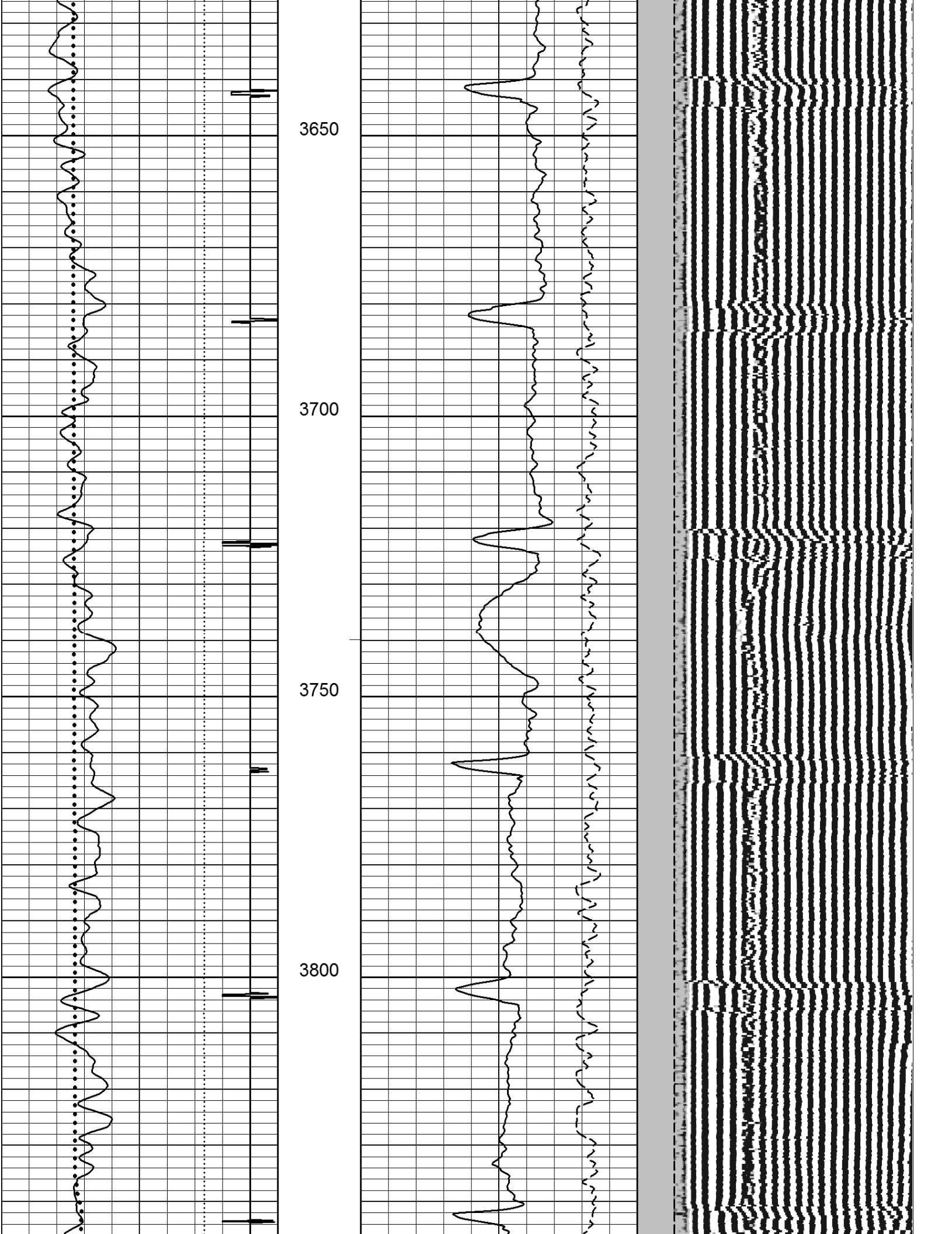


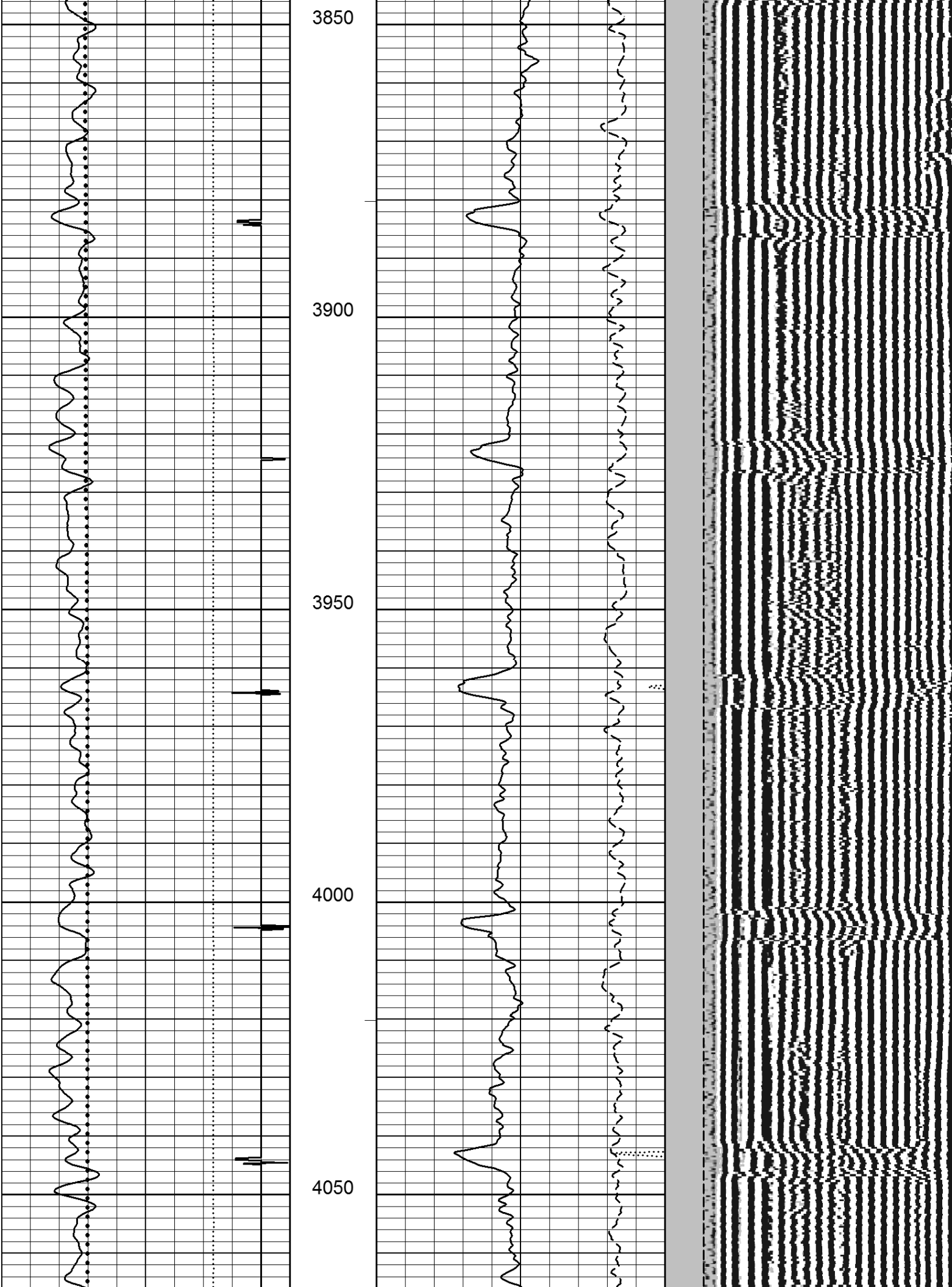


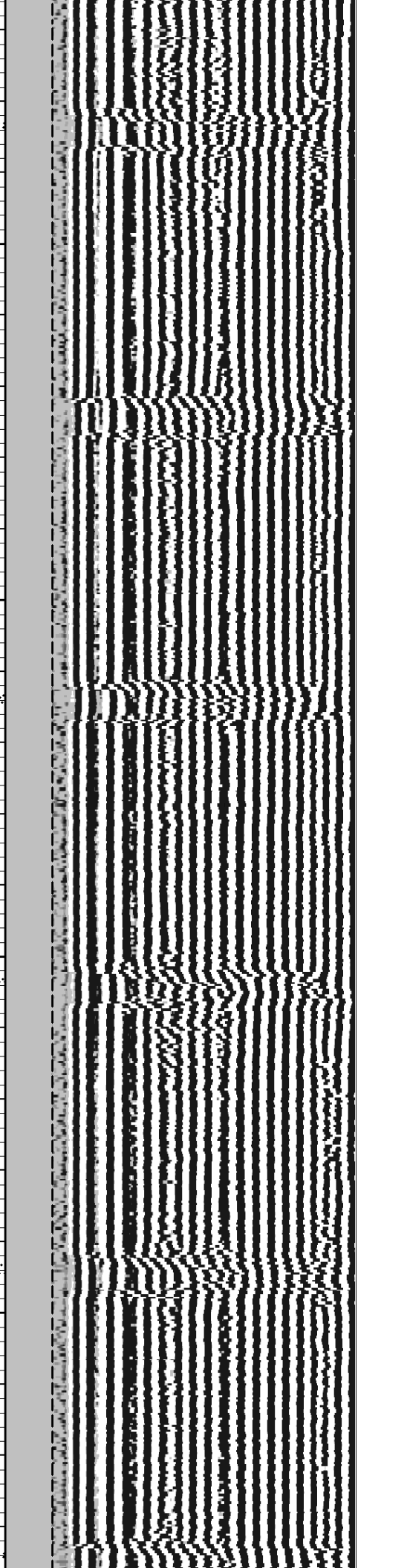
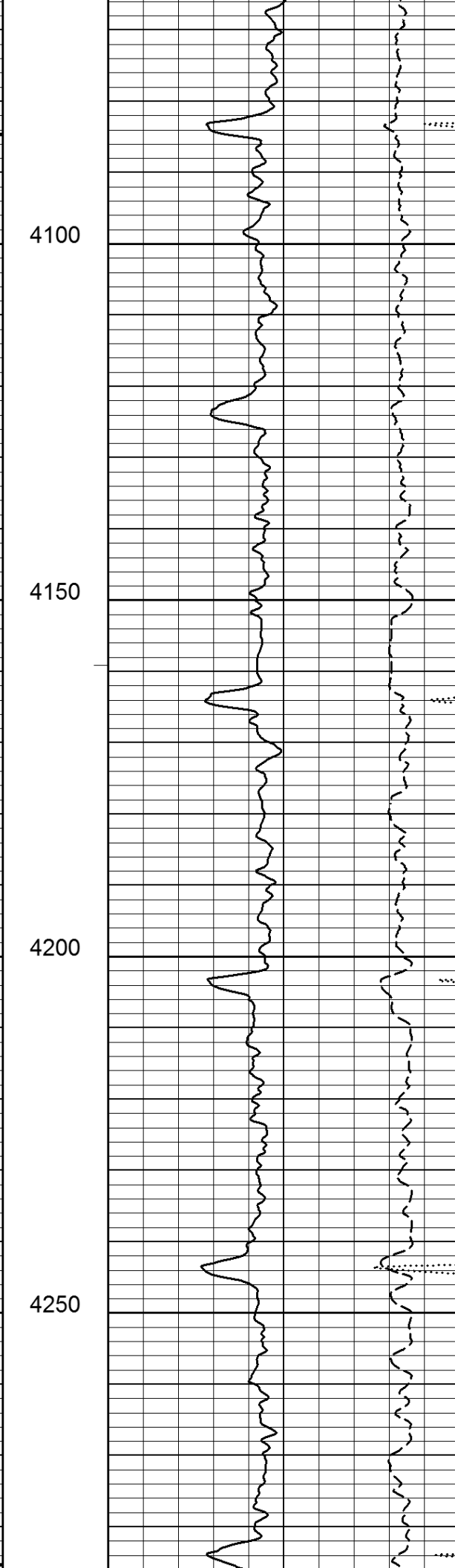
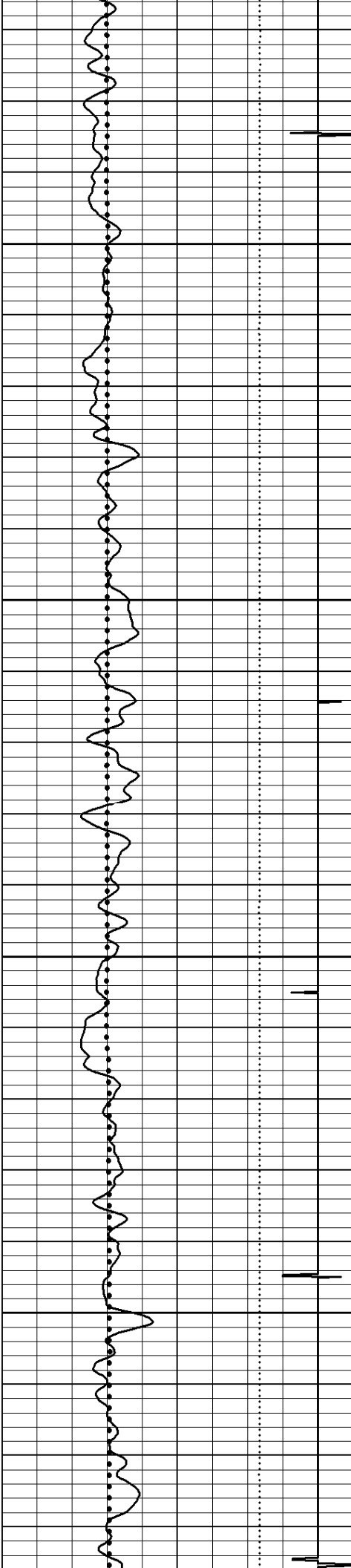


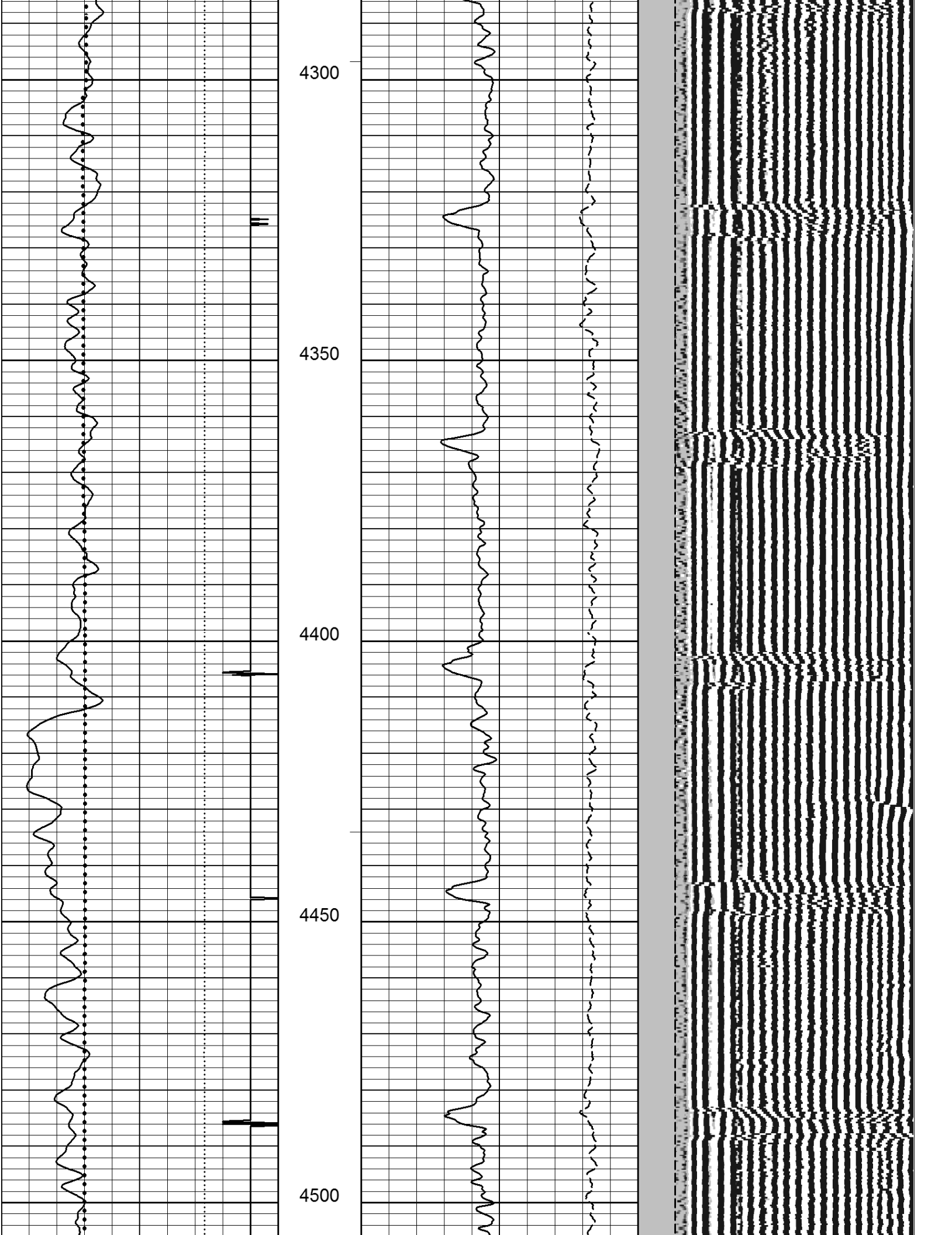














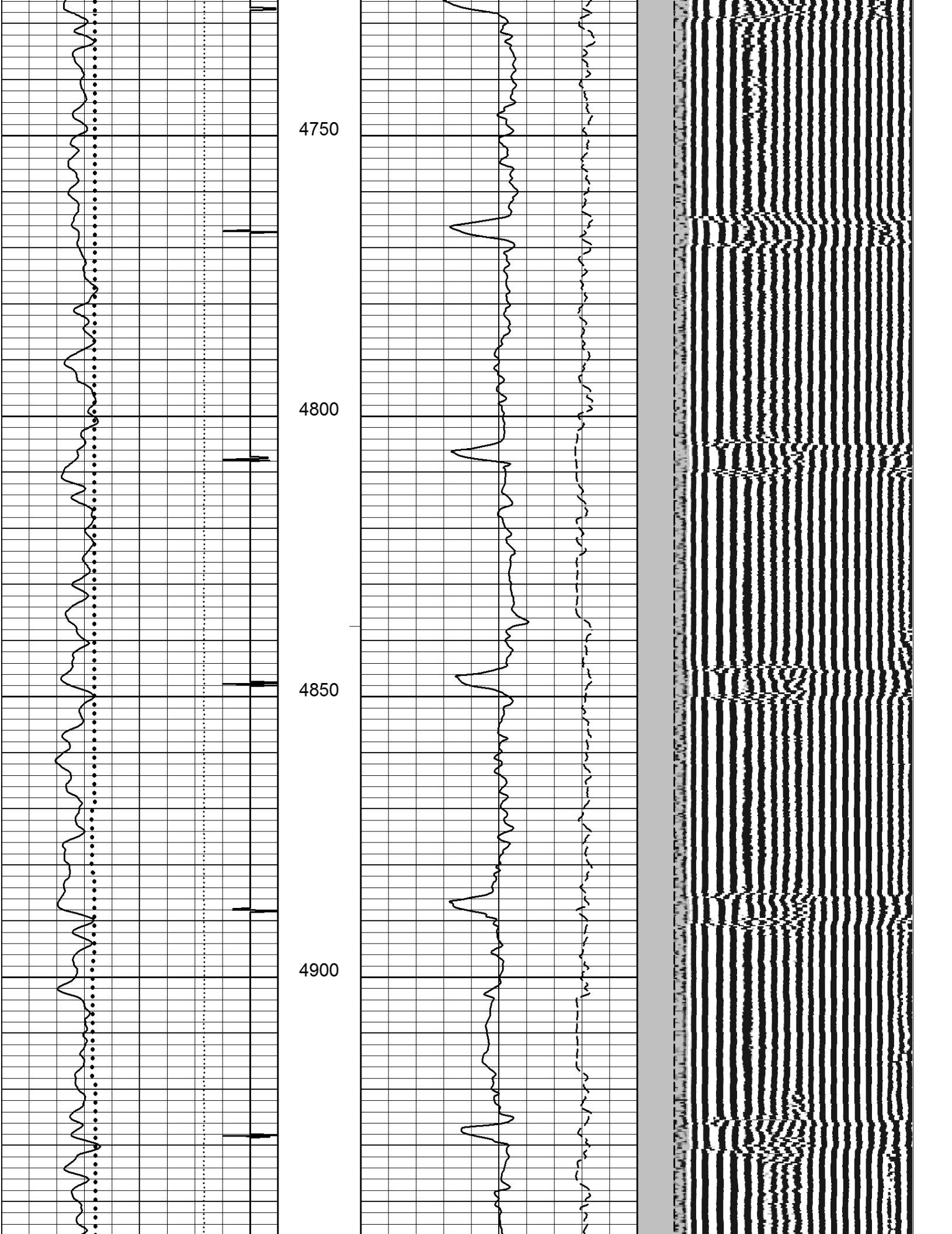
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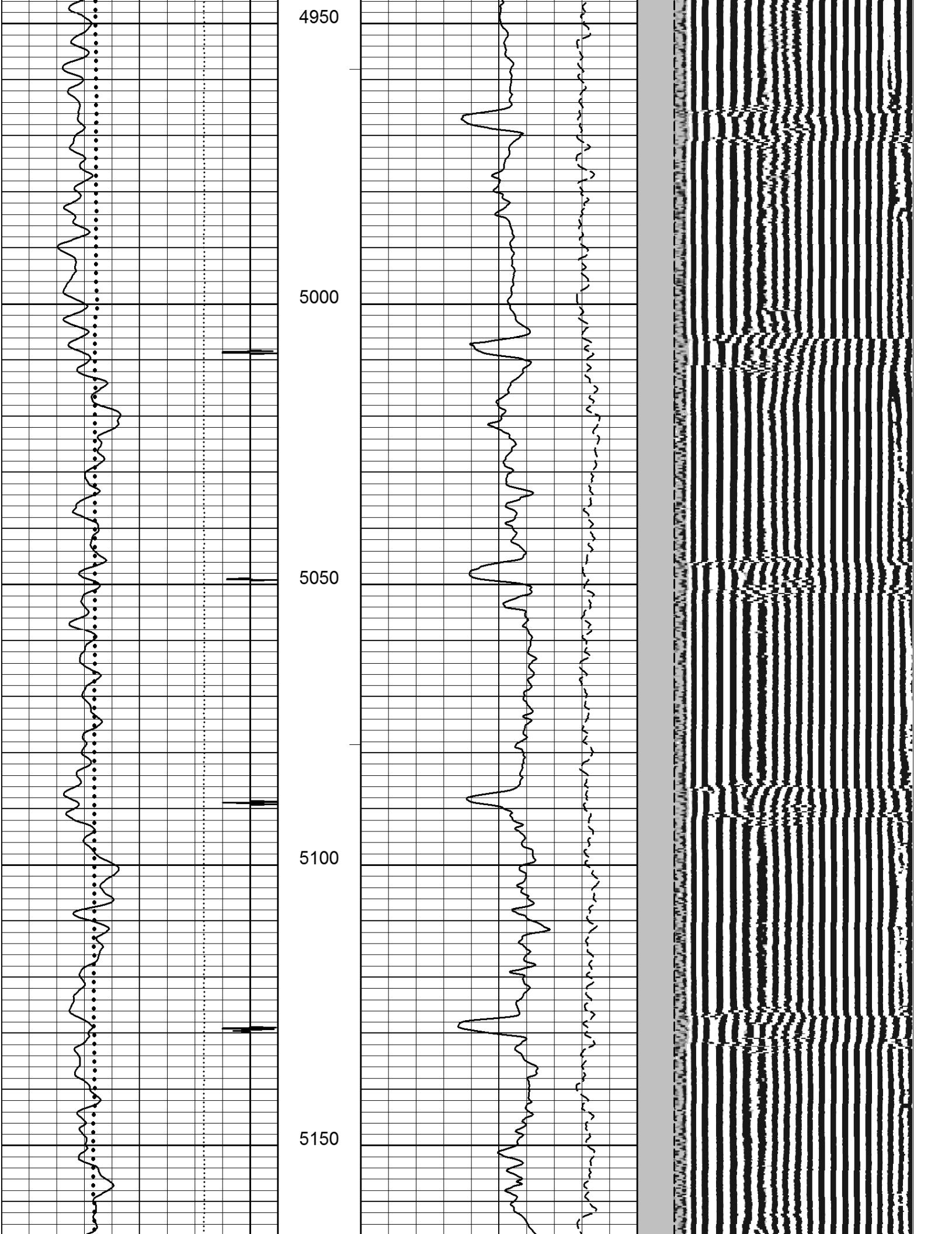
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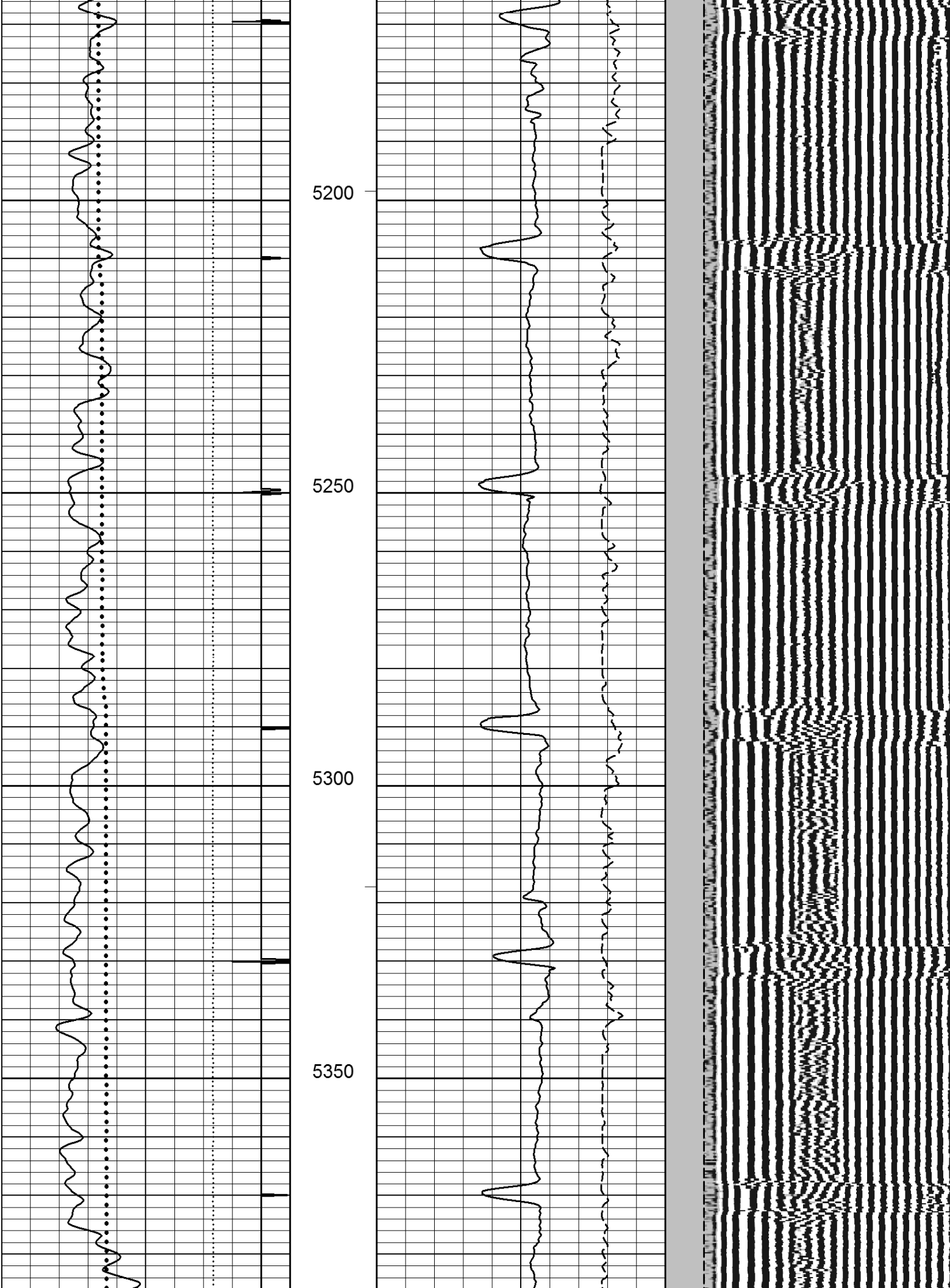
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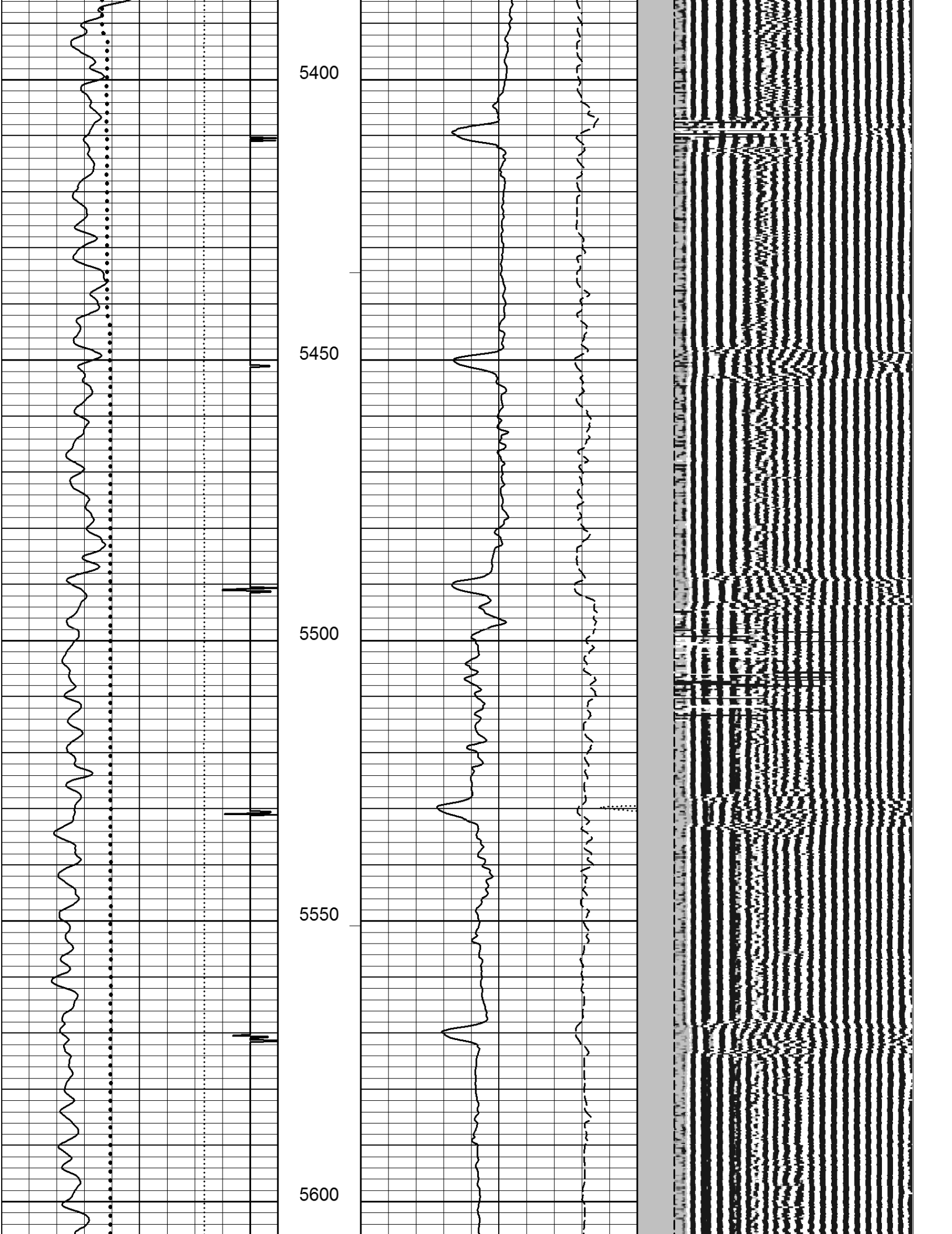
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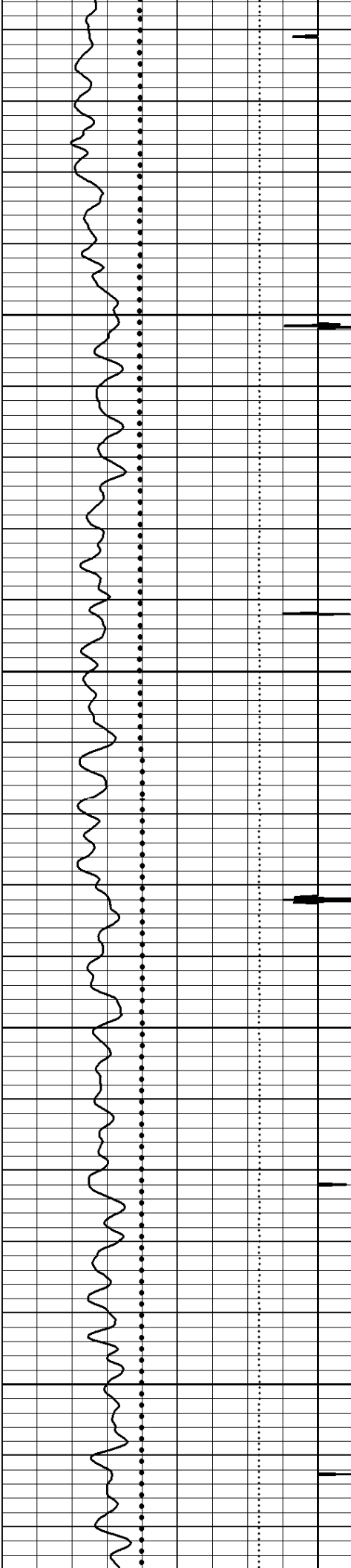










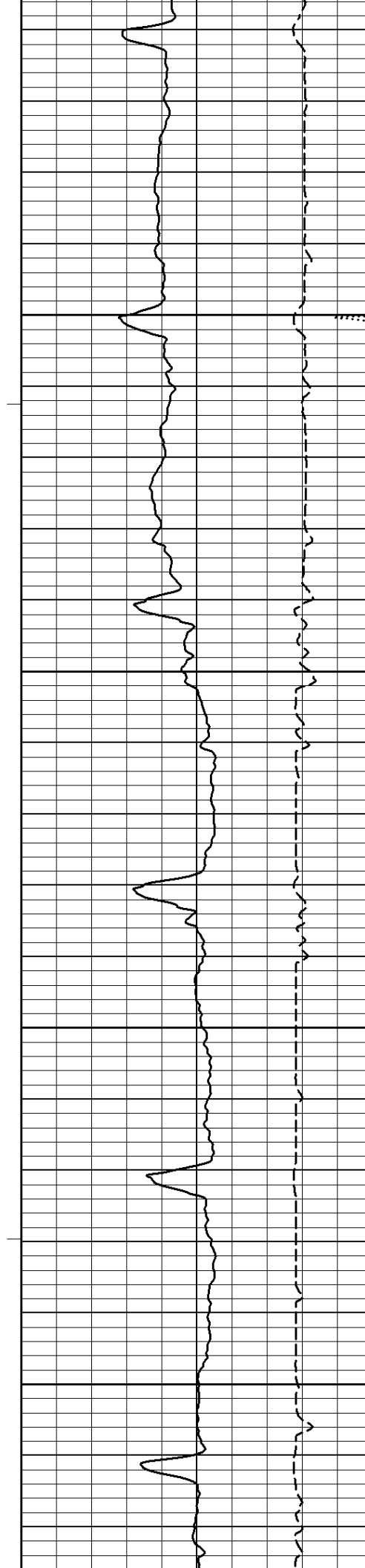


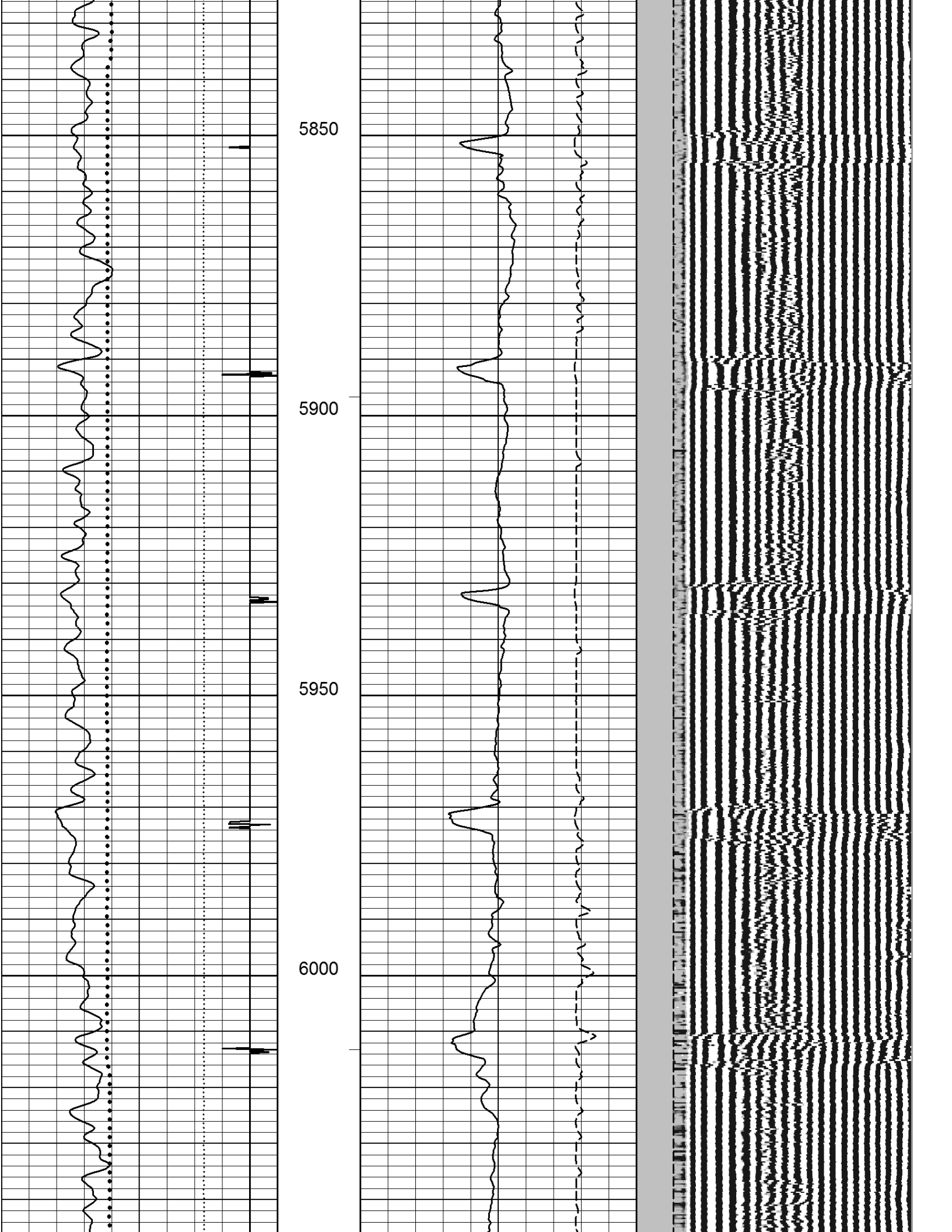
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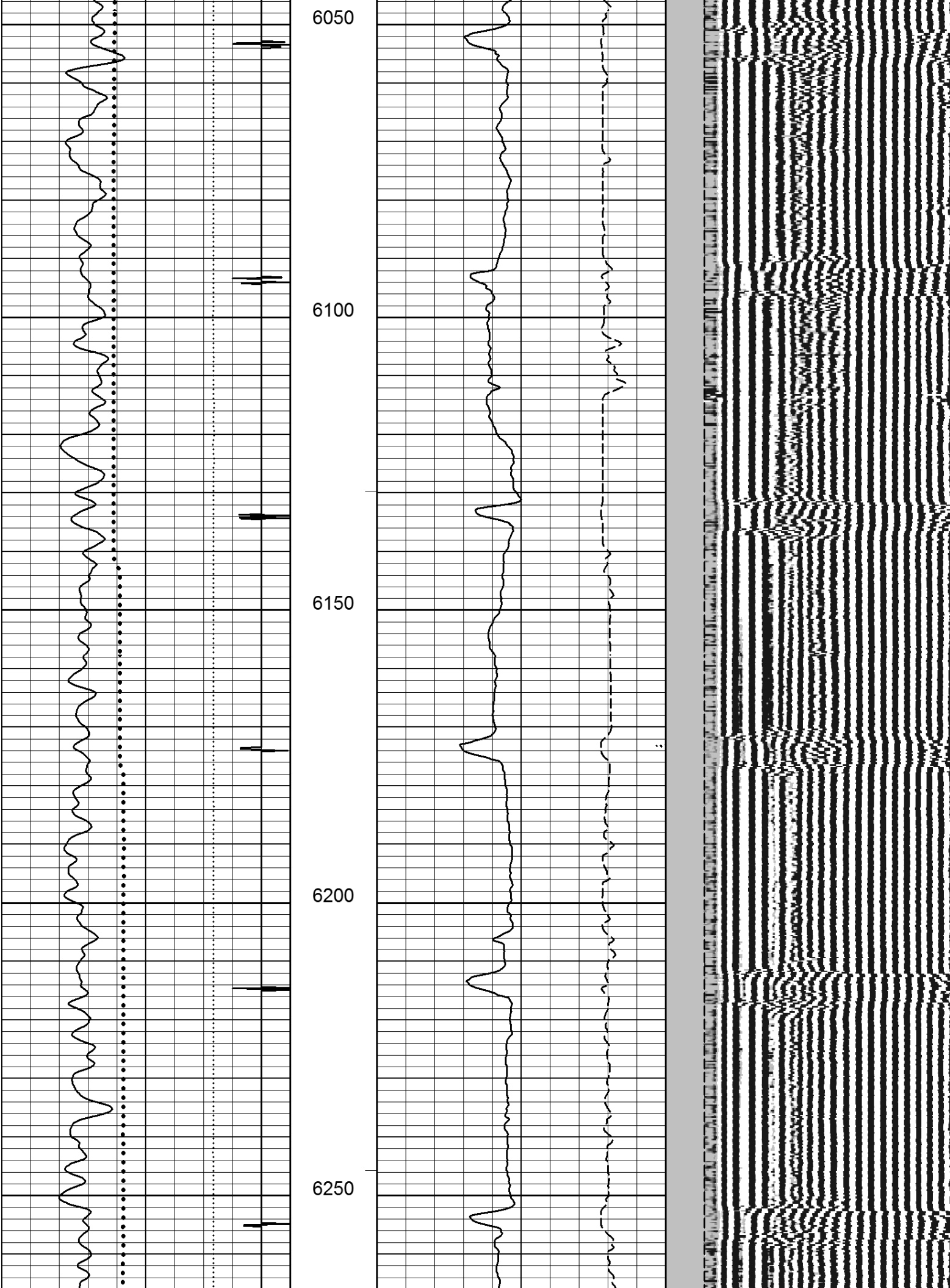
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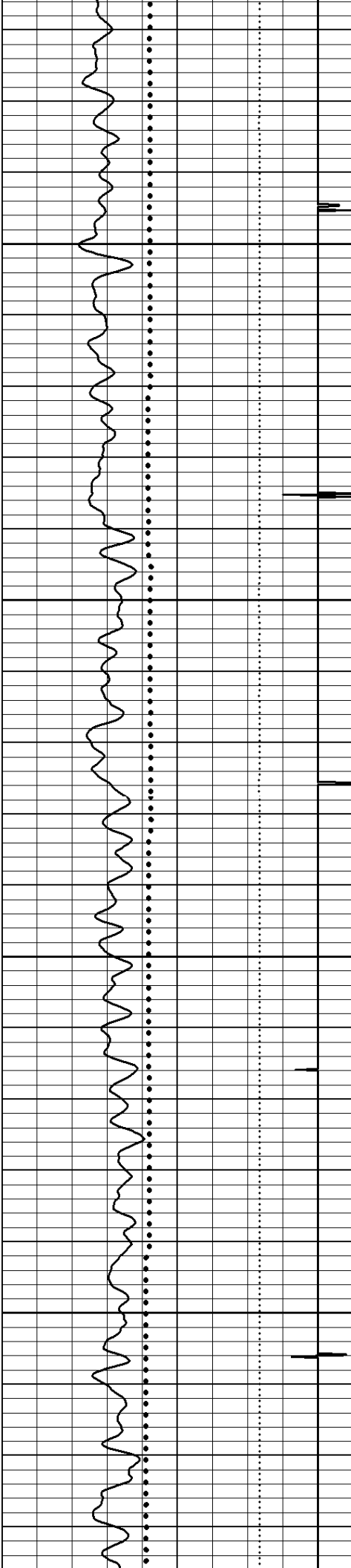
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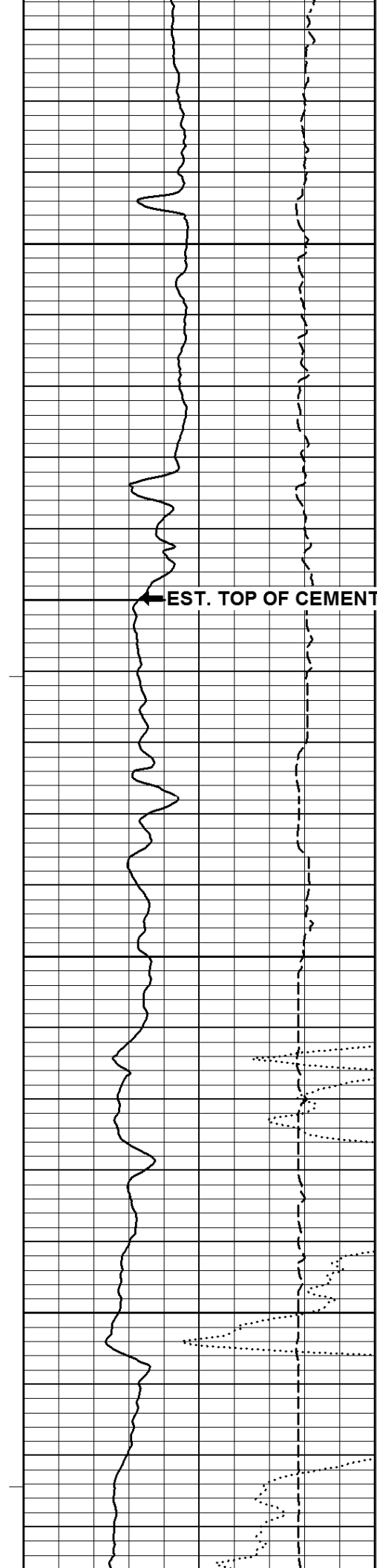


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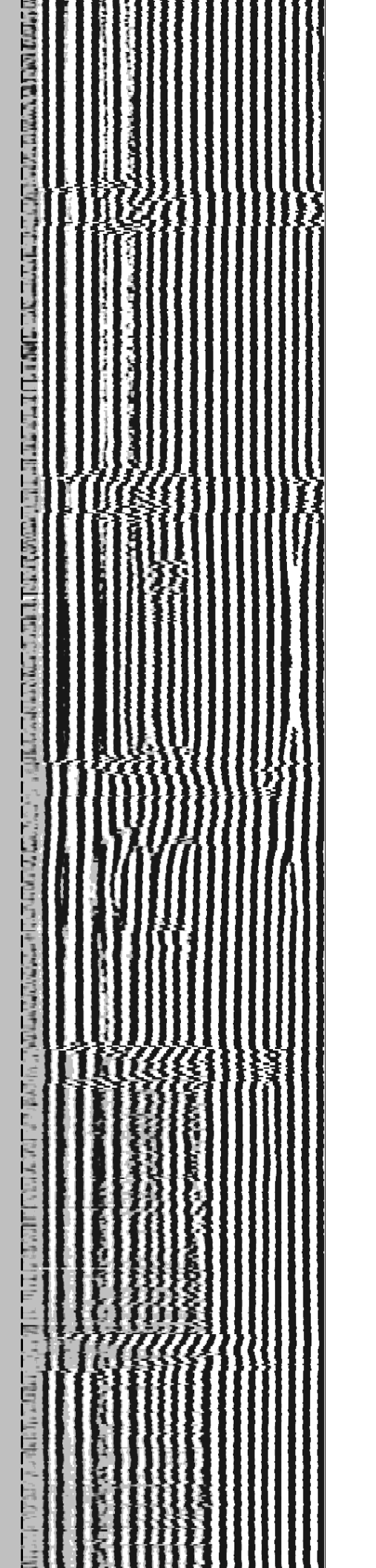
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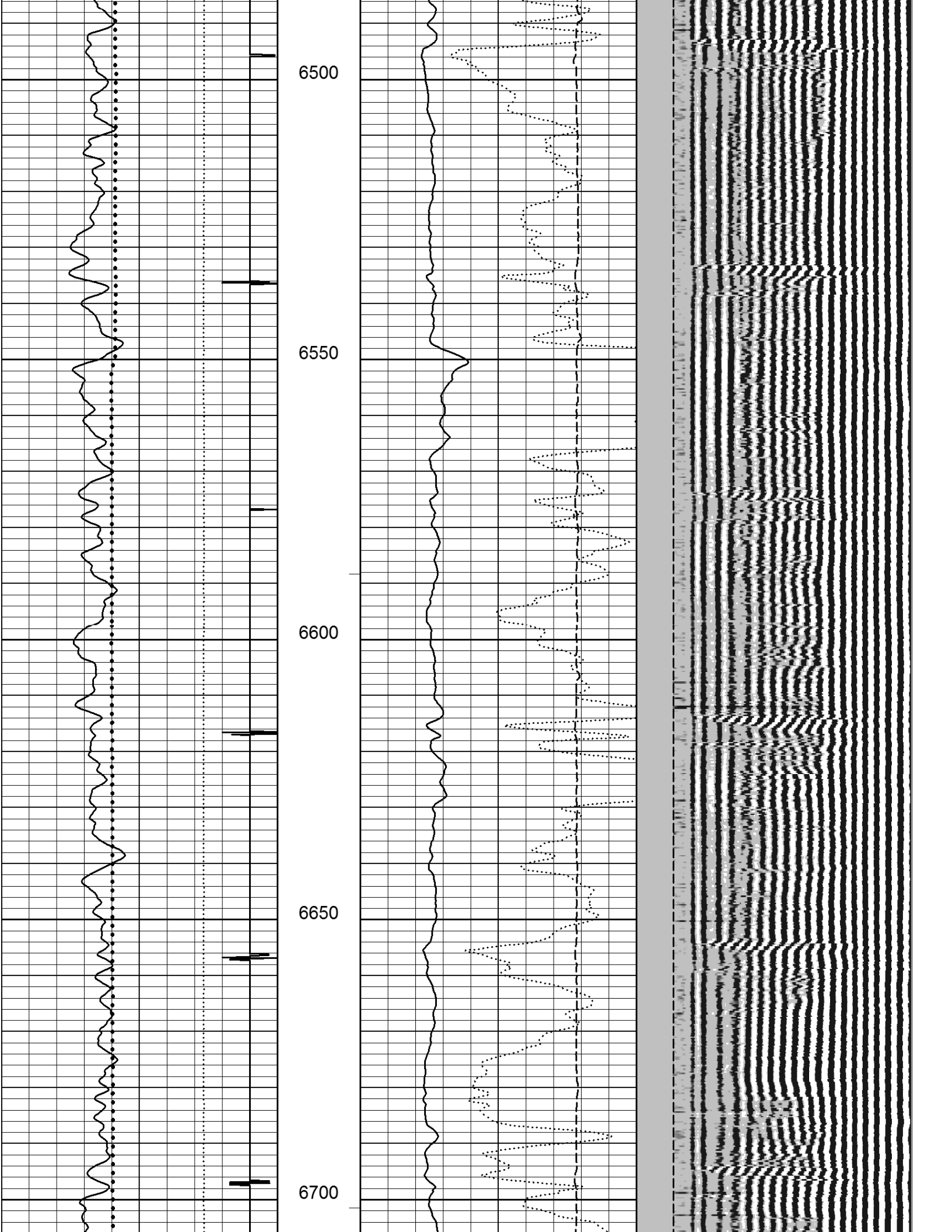
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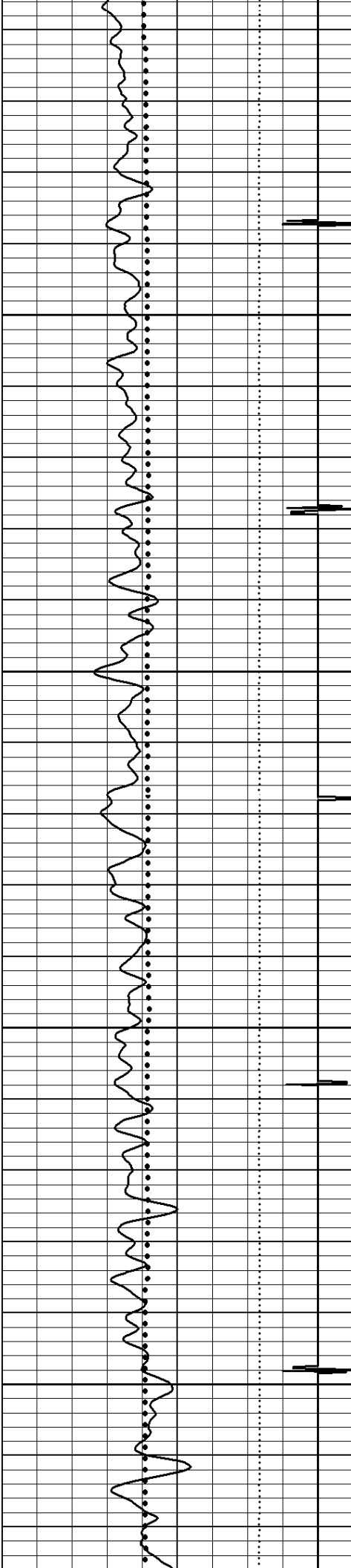
6450



EST. TOP OF CEMENT





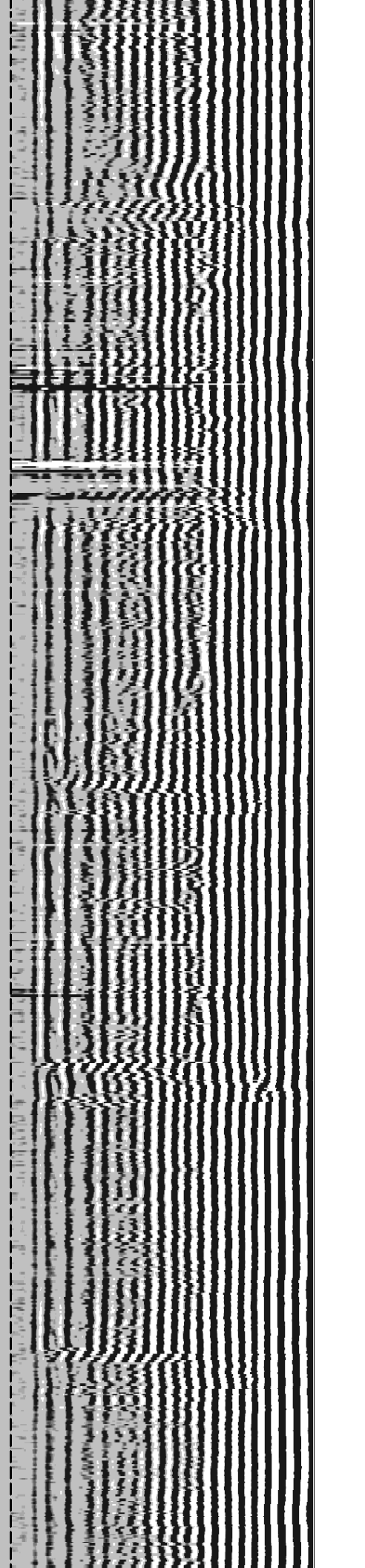
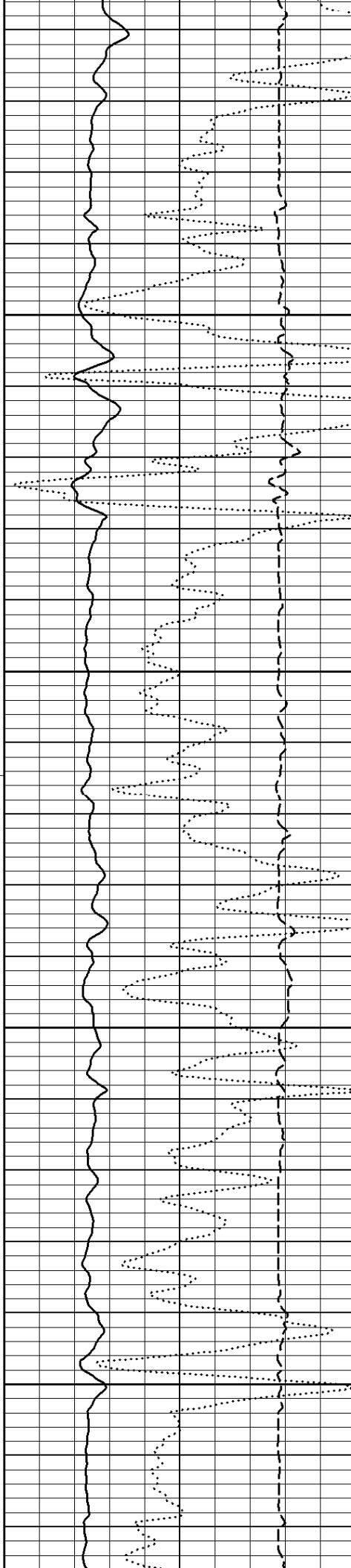


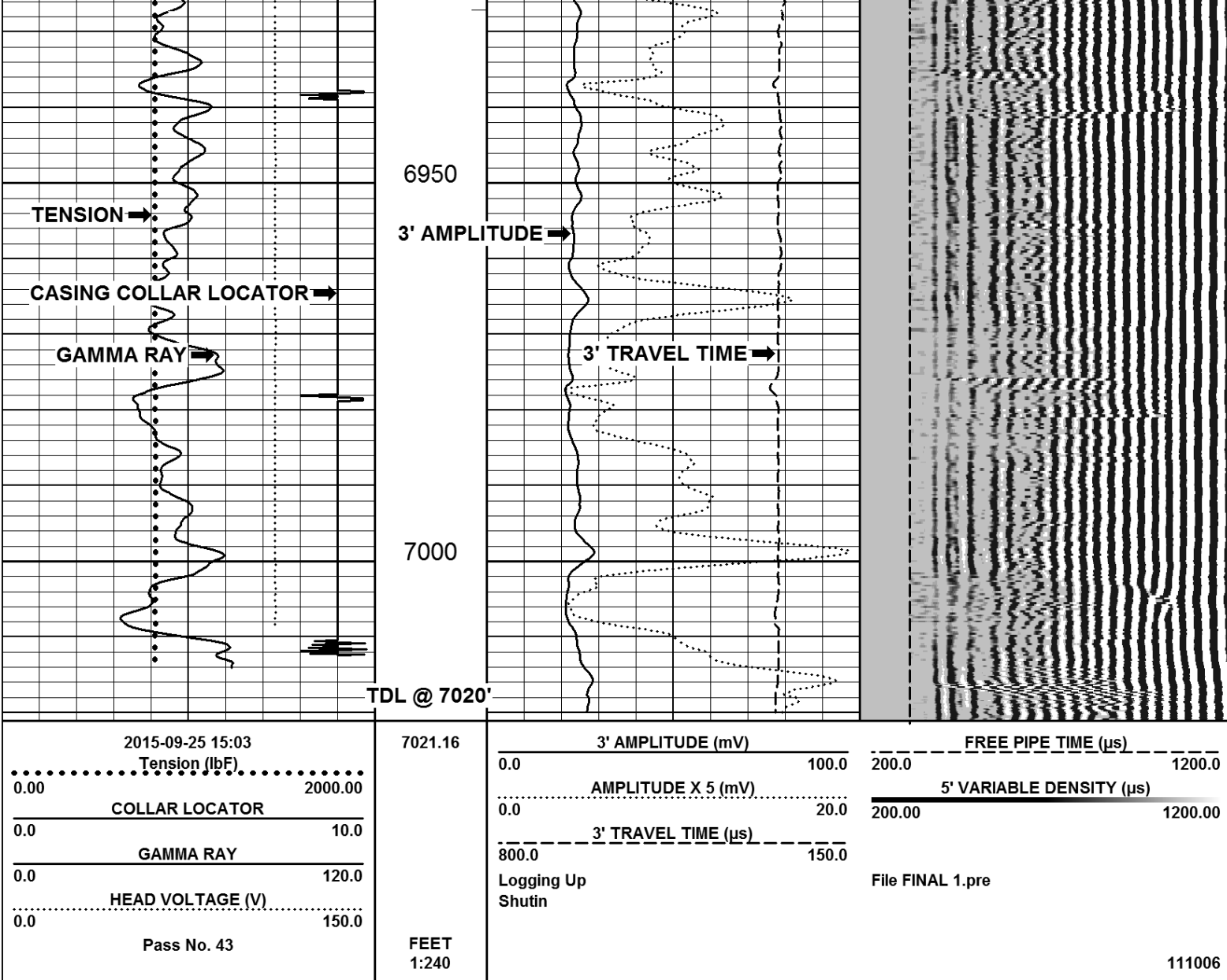
6750

6800

6850

6900





Company PDC ENERGY INC.

Well HOUSE 1-36

Field WATTENBERG

County BOULDER

State COLORADO

1/4'S SESE

SEC. 36

TWP. 2N

RGE. 70W