



RADIAL BOND
GAMMA RAY
CCL

Company CONFLUENCE		Well MIDDLEPARK 18-21-3L		Field WATTENBERG		County WELD		State COLORADO							
Location:		API # : 05-123-47444		Other Services											
LAT 40.1821636 LONG -104.221506		SEC 18		TWP 4N		RGE 62W									
Permanent Datum		GL		Elevation											
Log Measured From		KB													
Drilling Measured From		KB													
Date		10-3-18													
Run Number		ONE													
Depth Driller															
Depth Logger															
Bottom Logged Interval		6630'													
Top Log Interval		SURFACE													
Open Hole Size		5.5													
Type Fluid		WATER													
Density / Viscosity		8.6													
Max. Recorded Temp.		NA													
Estimated Cement Top		2130'													
Time Well Ready		NA													
Time Logger on Bottom		NA													
Equipment Number		058													
Location		WINDSOR COLORADO													
Recorded By		RYAN ALLES													
Witnessed By		BOB WEITZEL													
Run Number		Bit		From		To		Size		Weight		From		To	
Casing Record		Size		Wgt/Ft		Top		Bottom							
Surface String						SURFACE									
Prot. String															
Production String		5.5		20											
Liner															

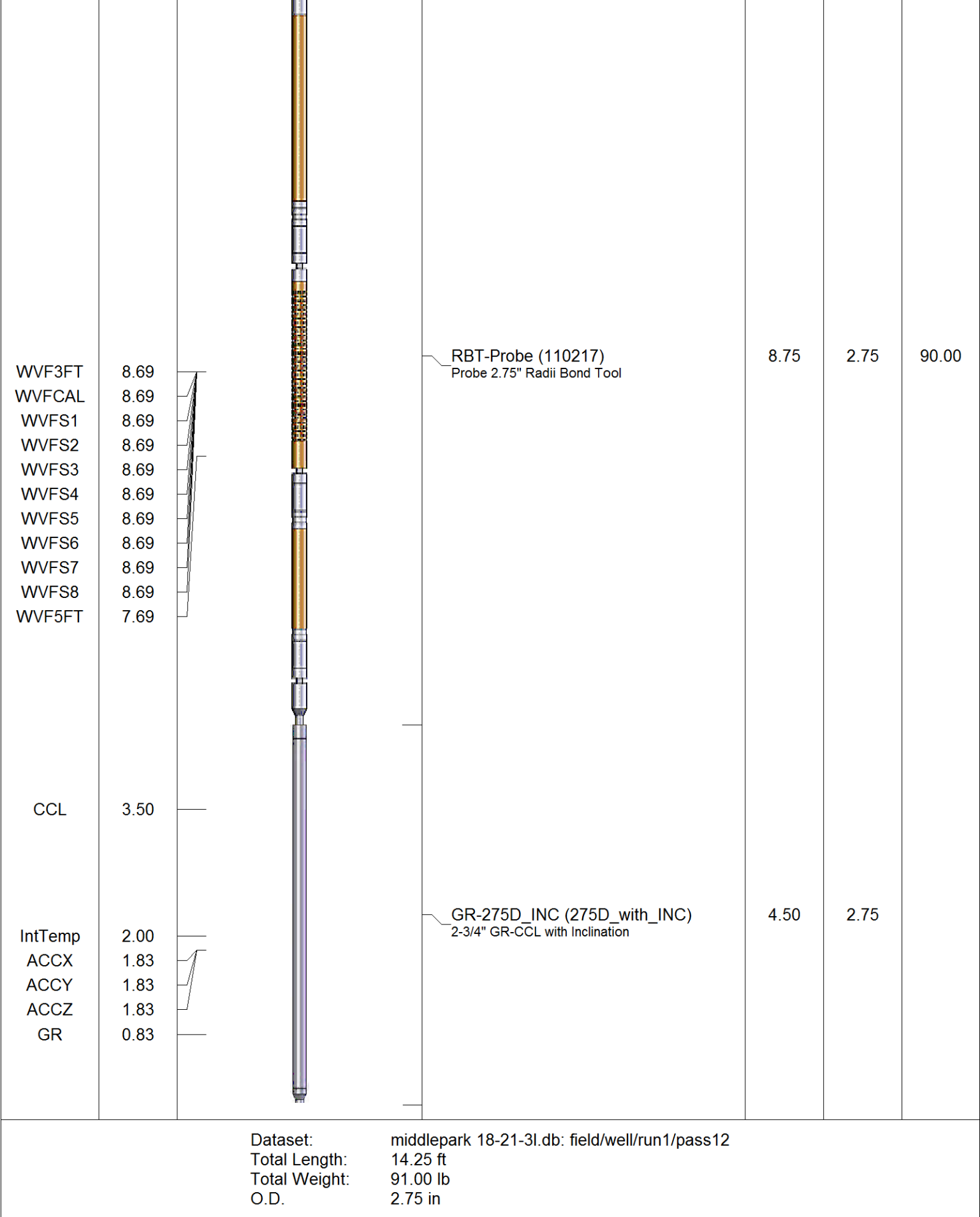
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.

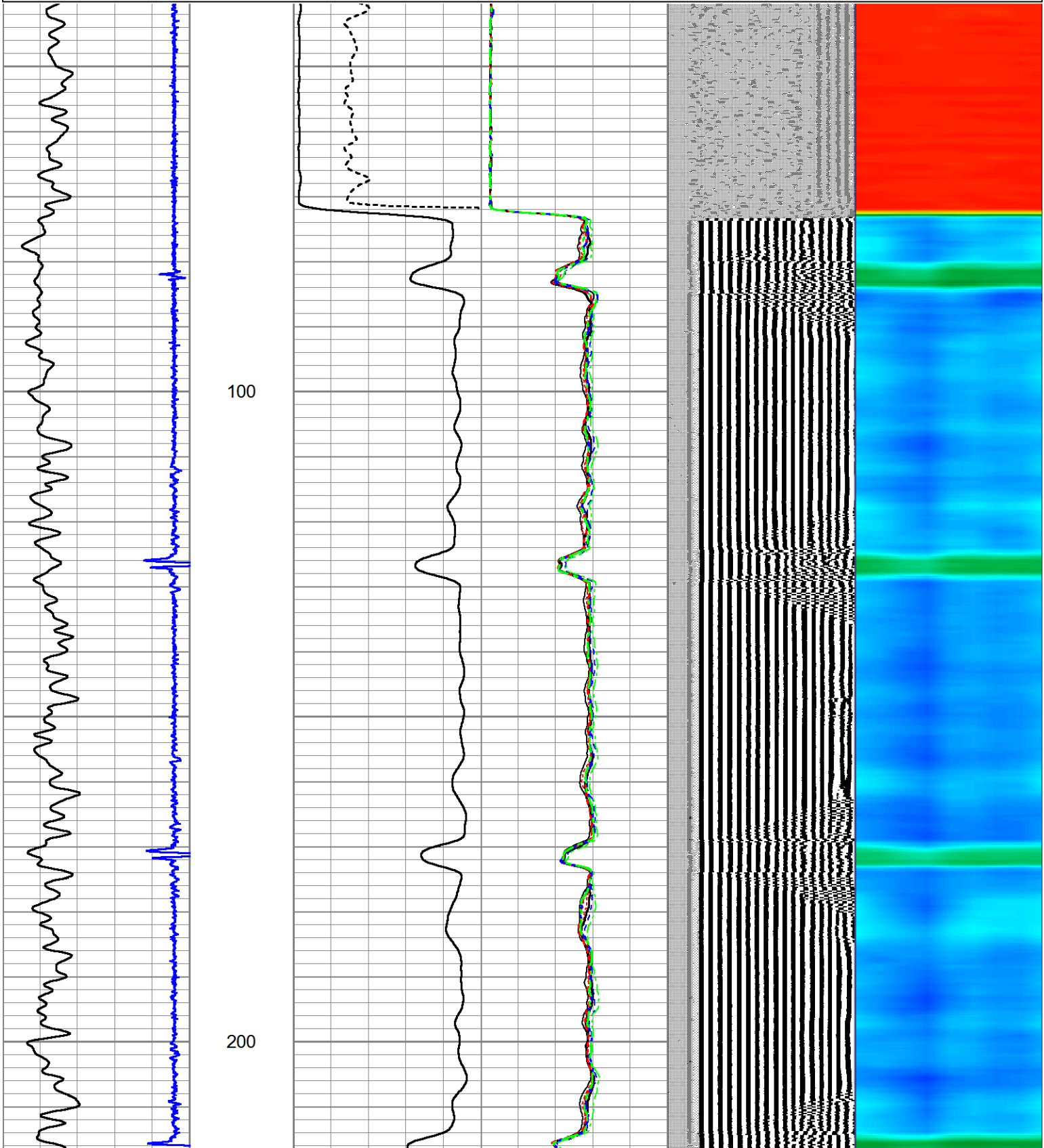
Comments

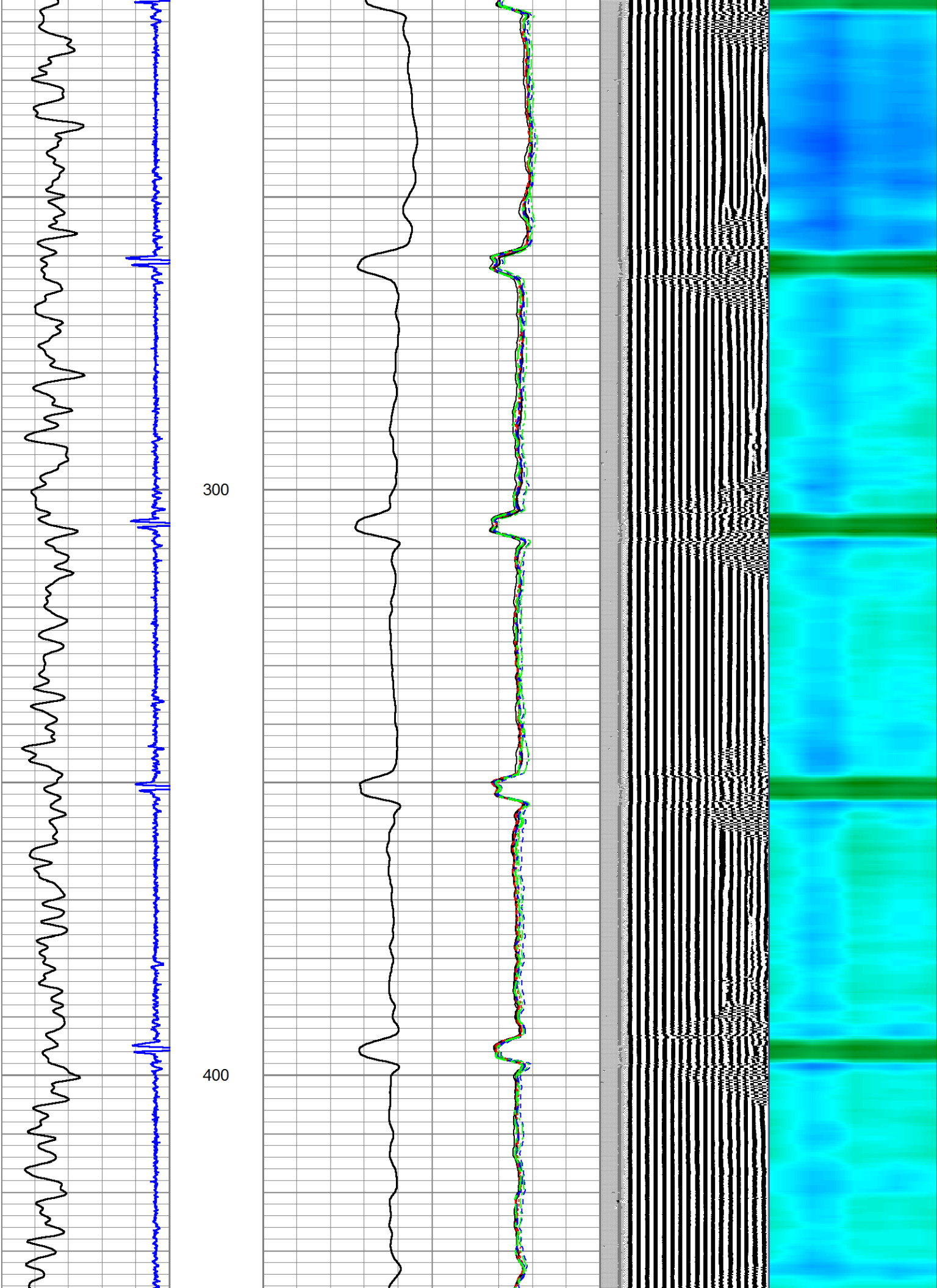
RAN CEMENT BOND LOG TO VERIFY CEMENT
THANK YOU FOR USING CUTTERS WIRELINE

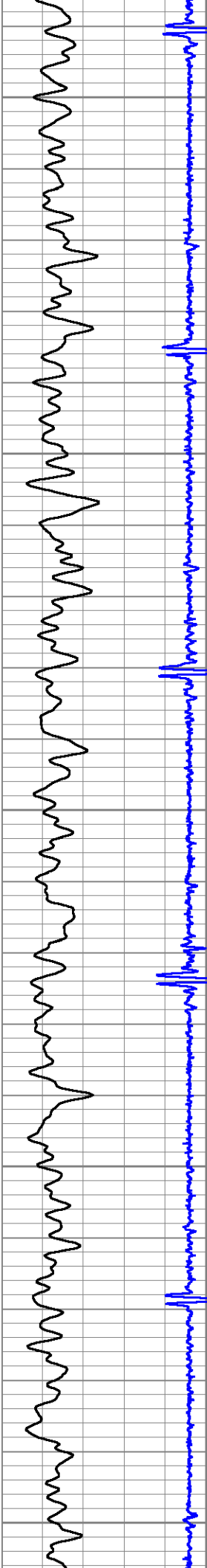
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Standard Standard Cable Head	1.00	1.69	1.00



-11	CCL	1	0	AMP (mV)	100	-5	AMPS1	150	200	VDL	1200	1	Cement Map	8
0	GR (GAPI)	150	0	AMPx10 (mV)	10	-5	AMPS2	150				100		0
			145	TT (usec)	245	-5	AMPS3	150						
						-5	AMPS4	150						
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						-5	AMPS7	150						
						-5	AMPS8	150						

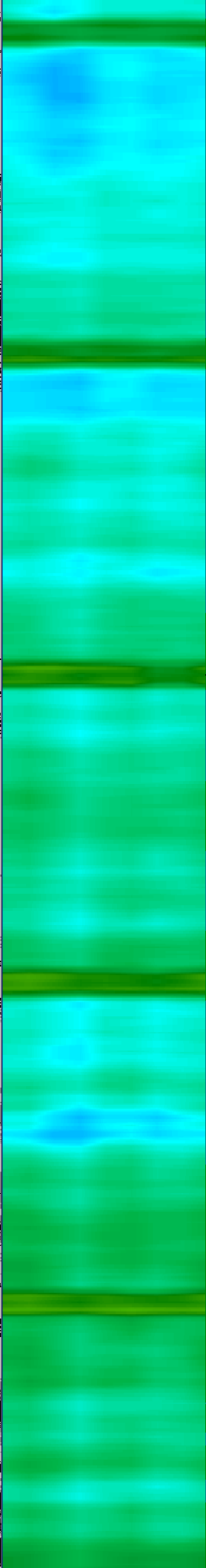
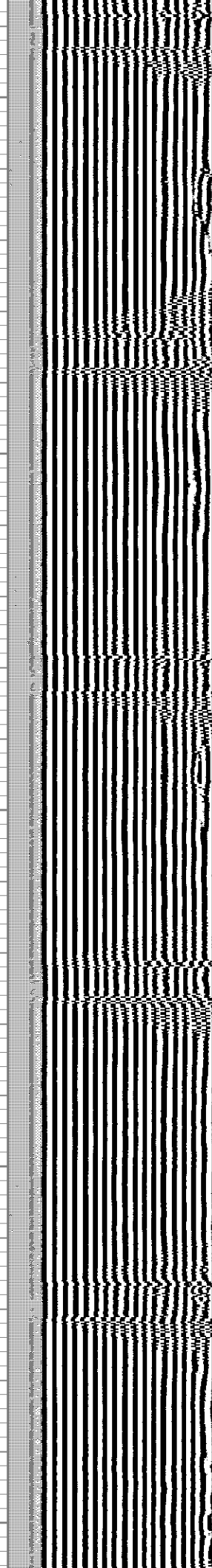
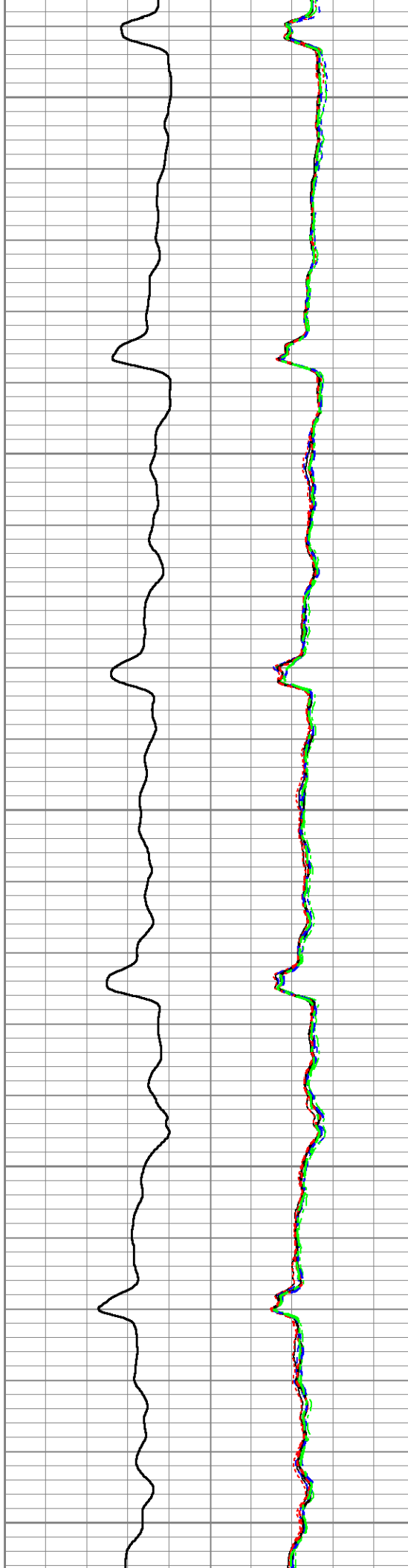


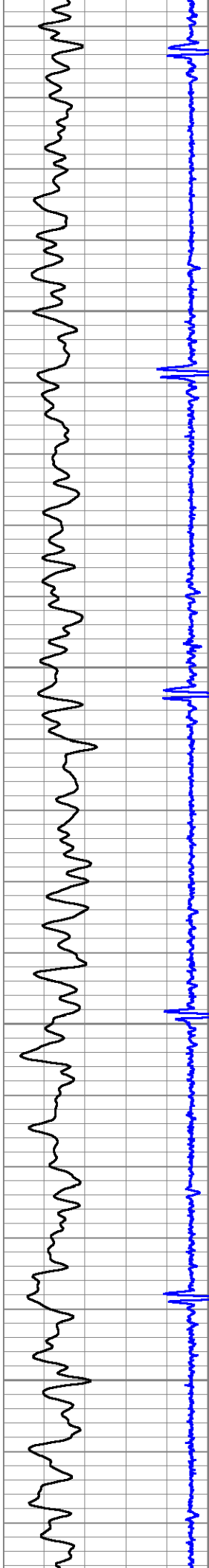




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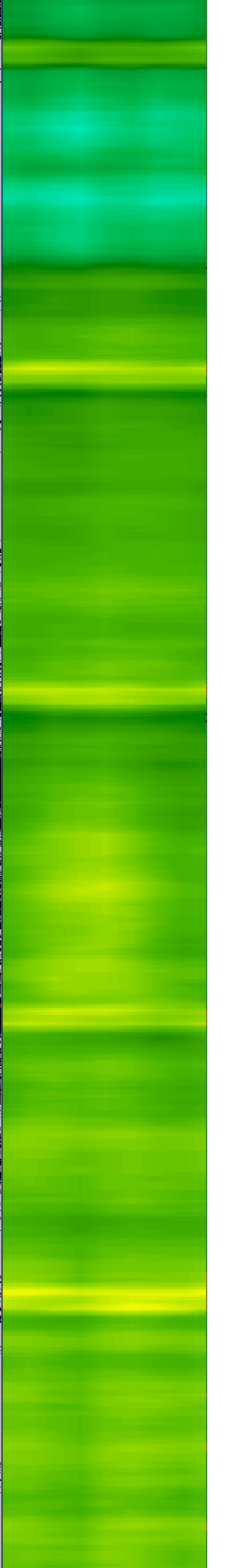
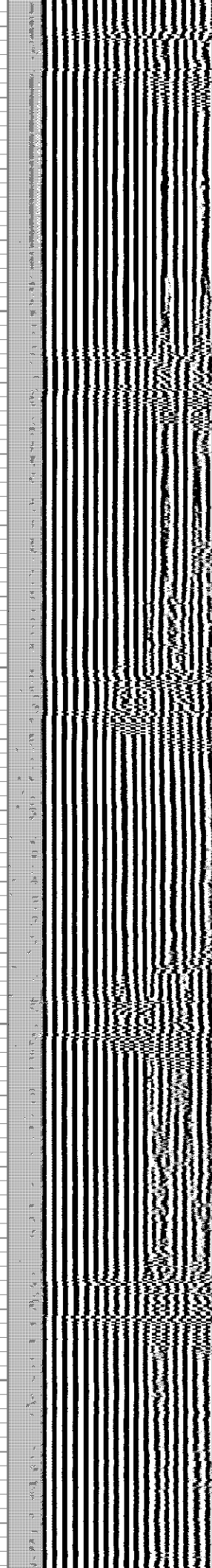
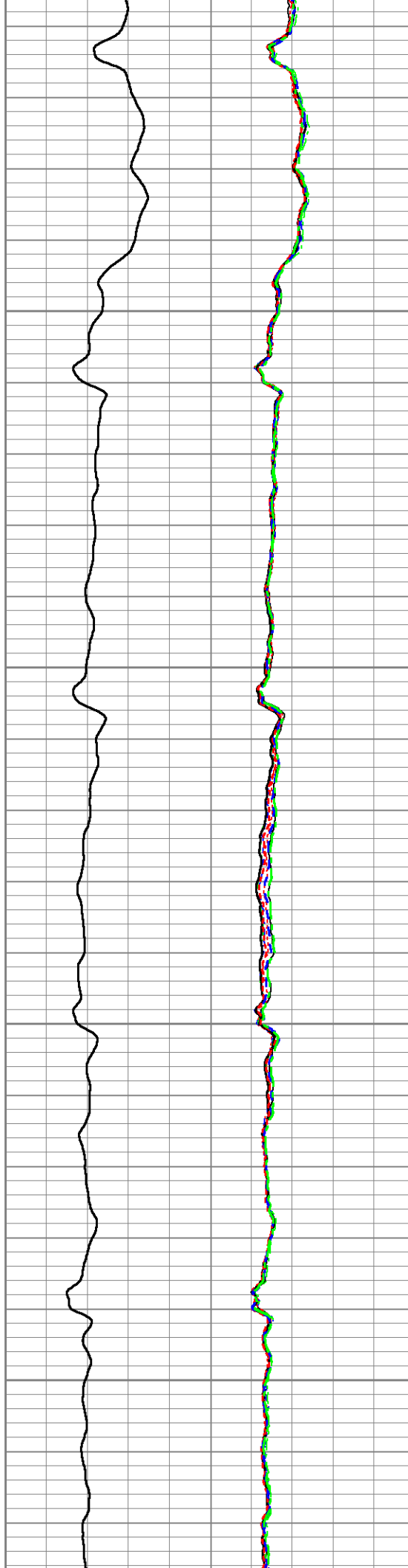
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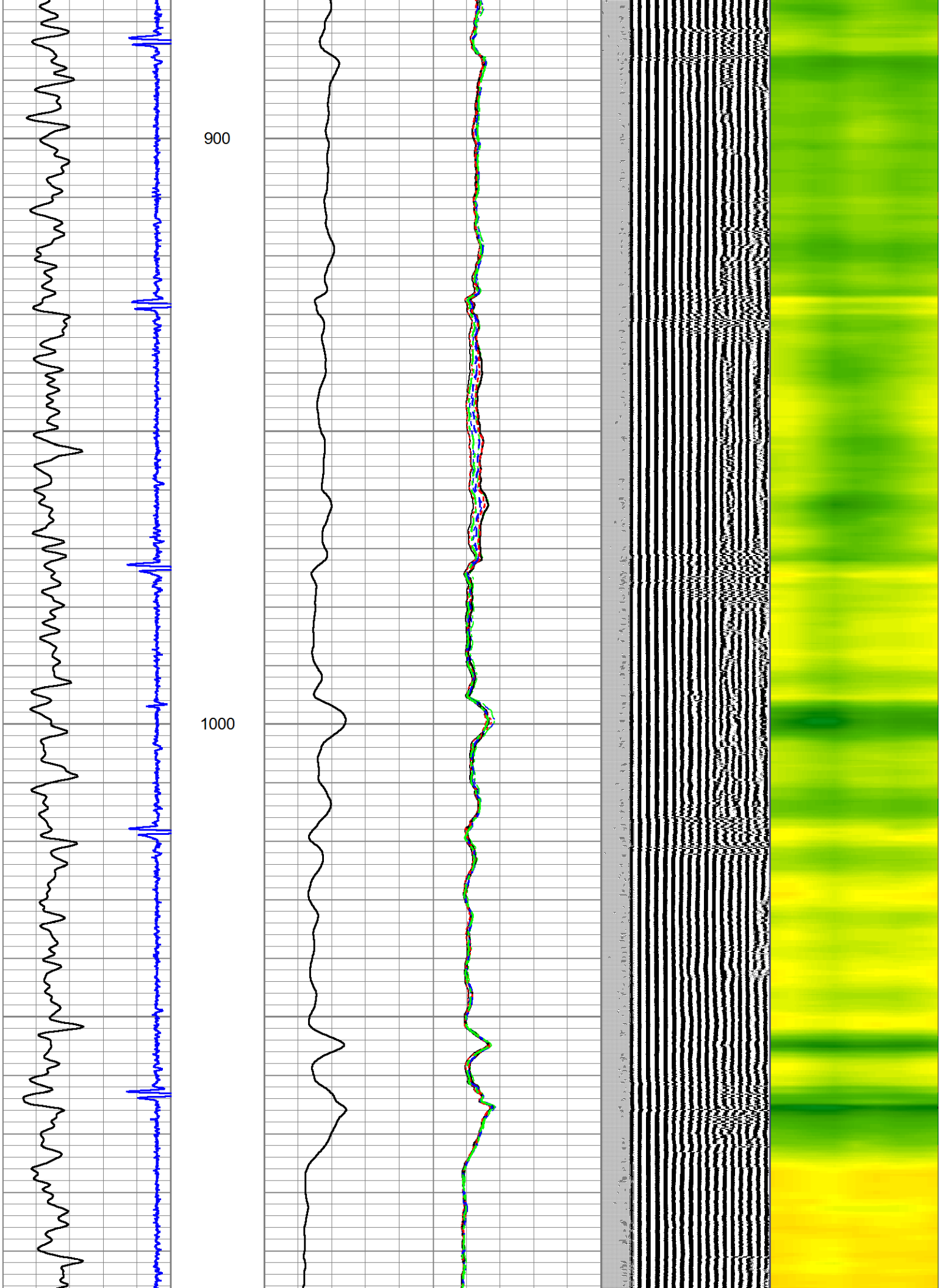




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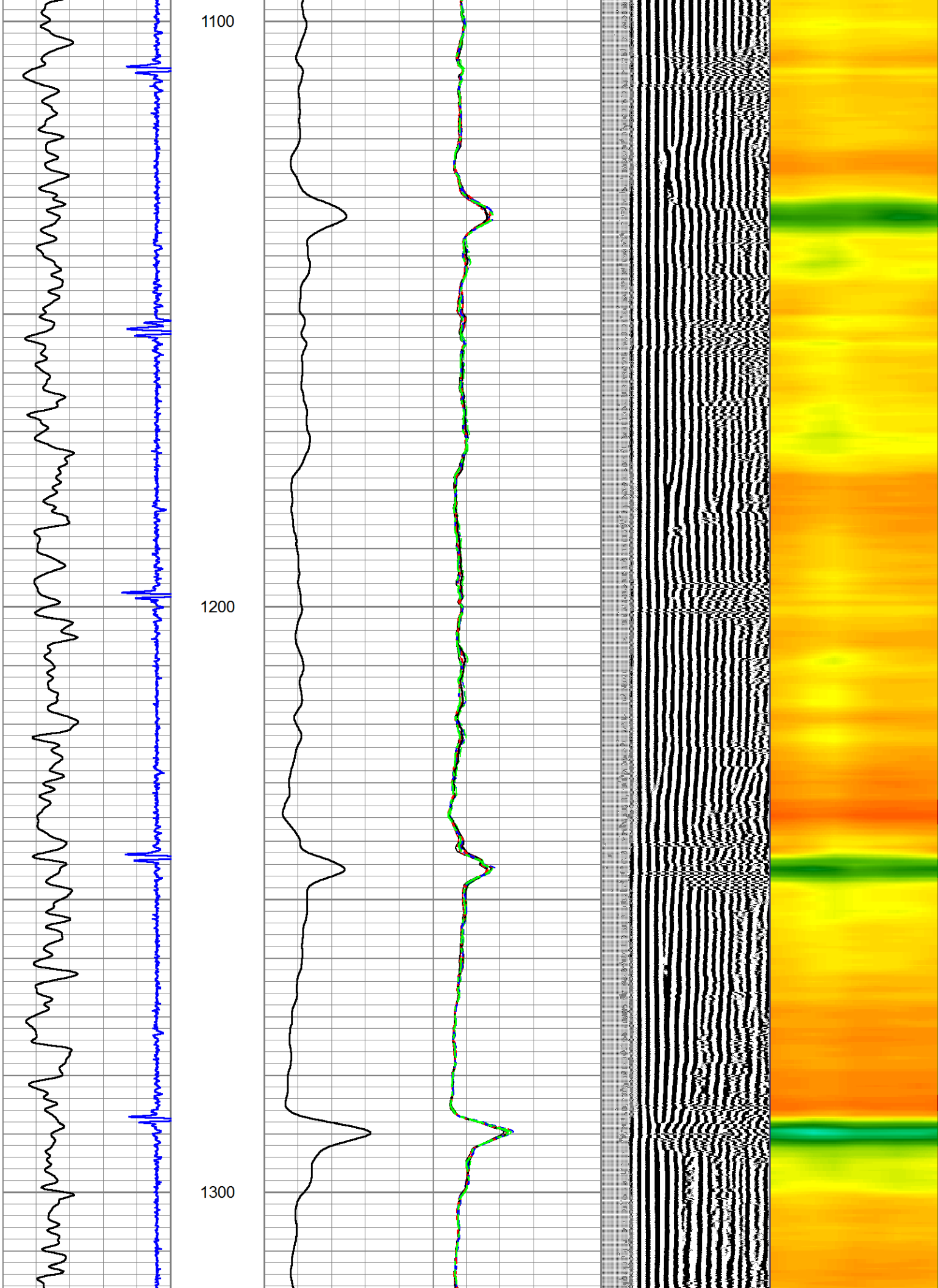


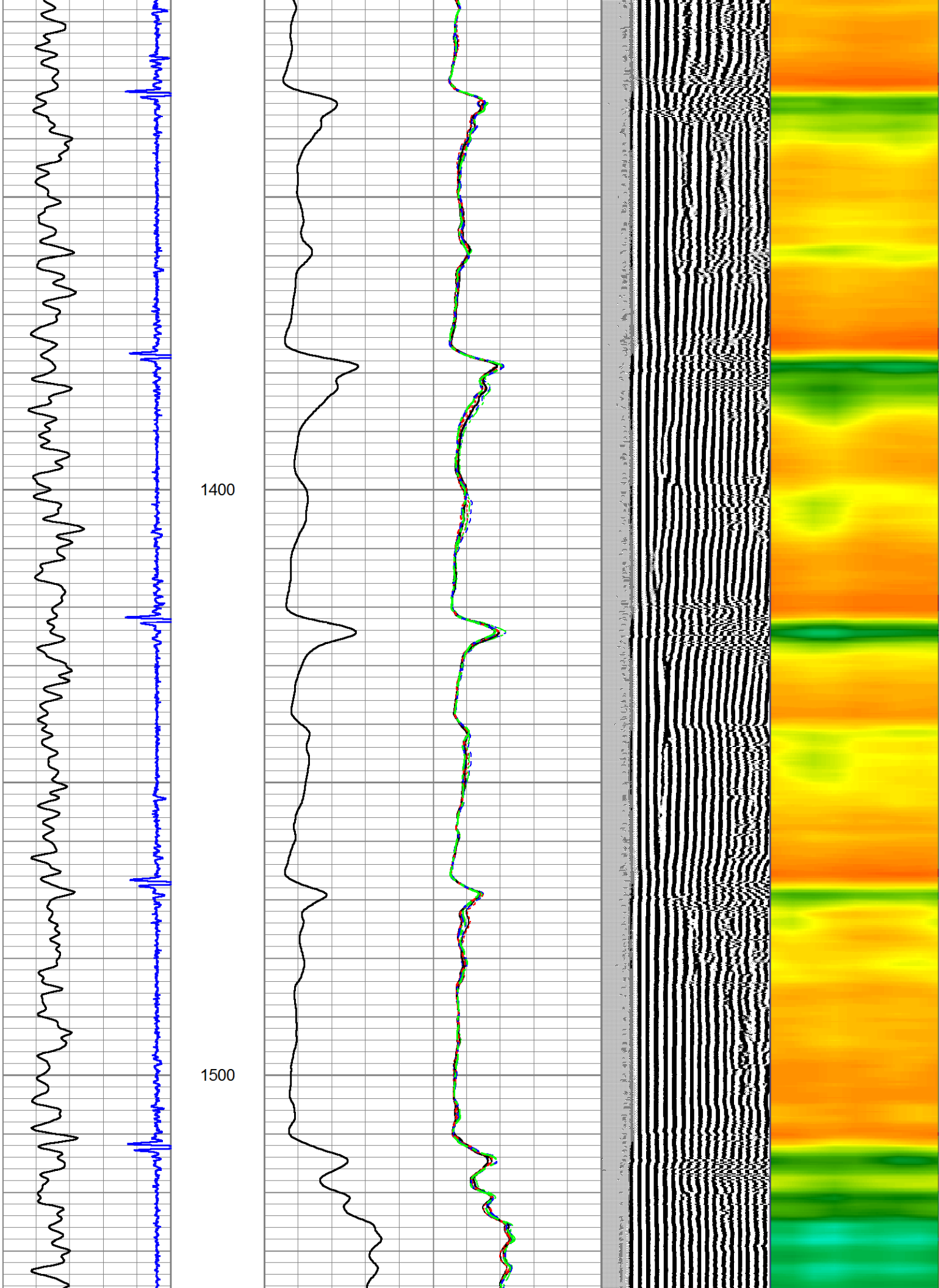


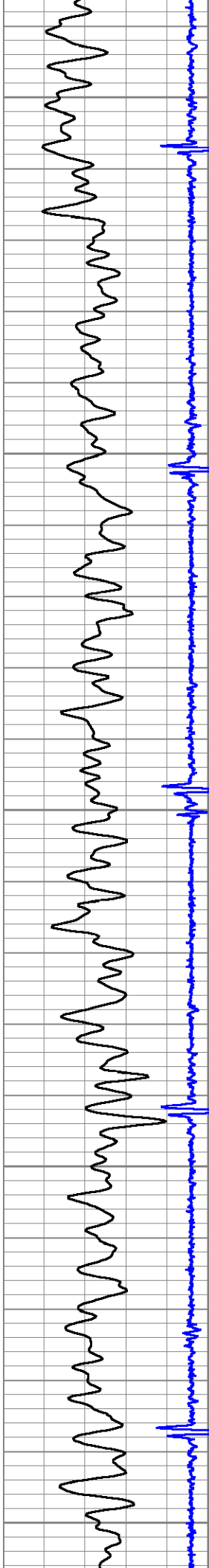
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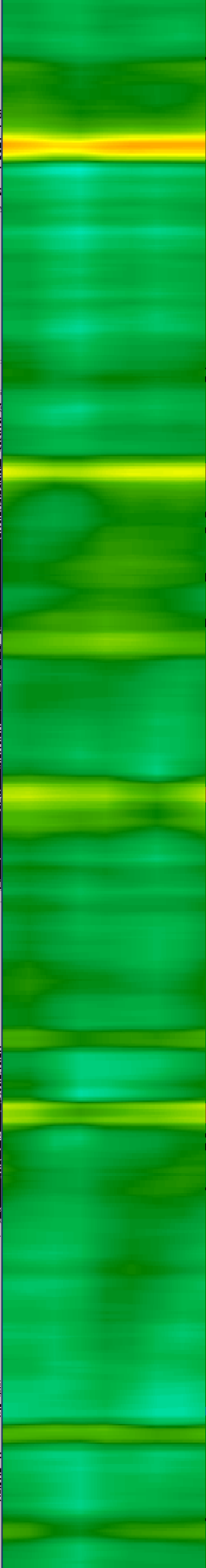
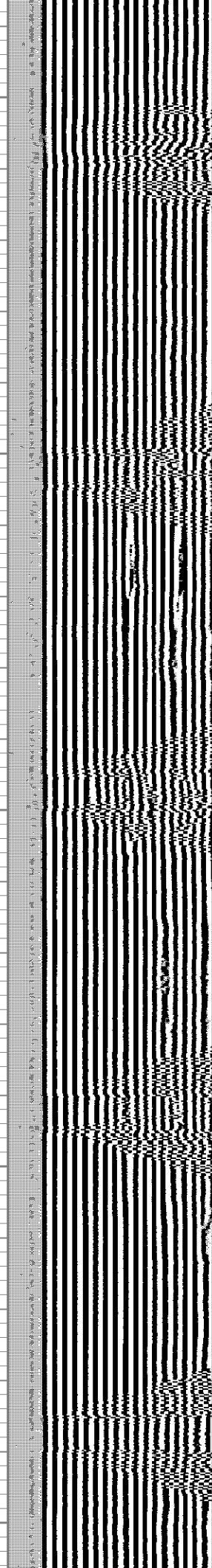
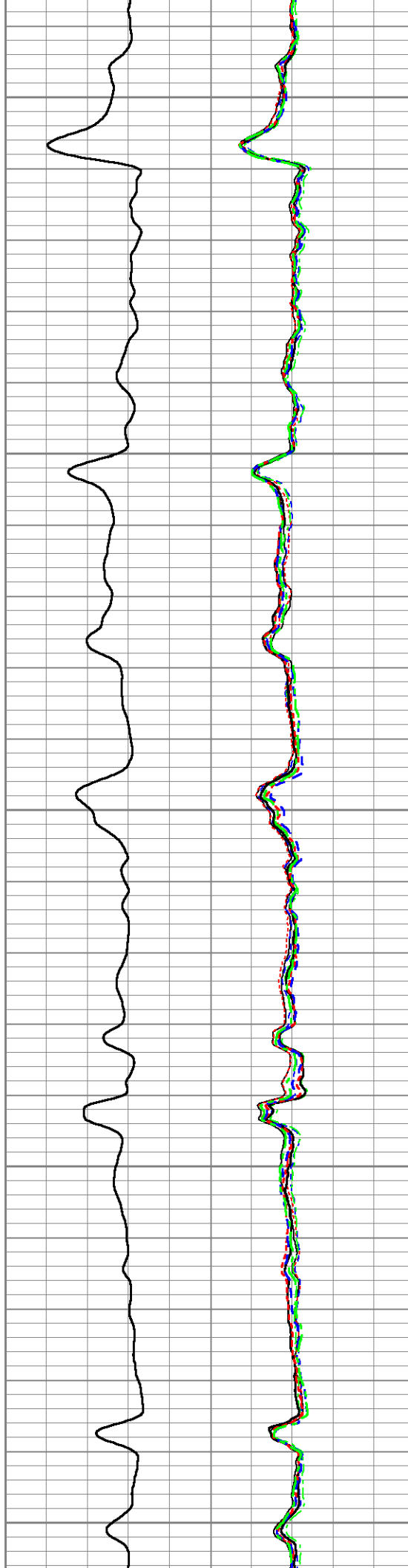


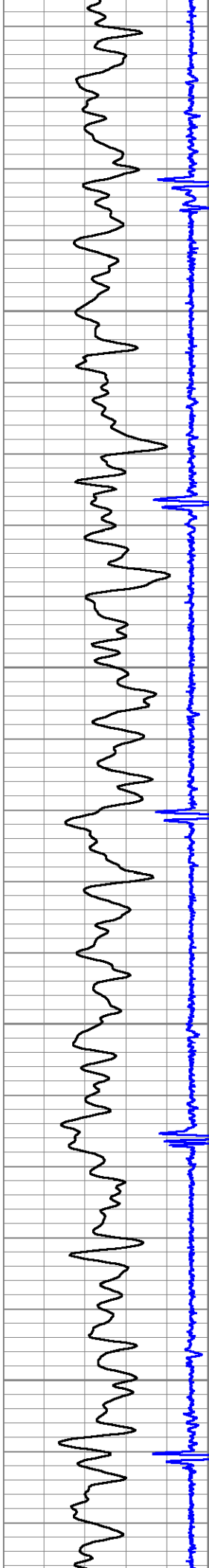




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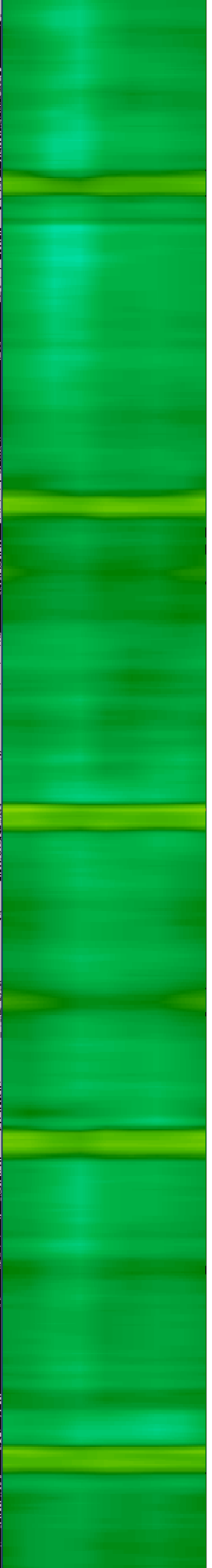
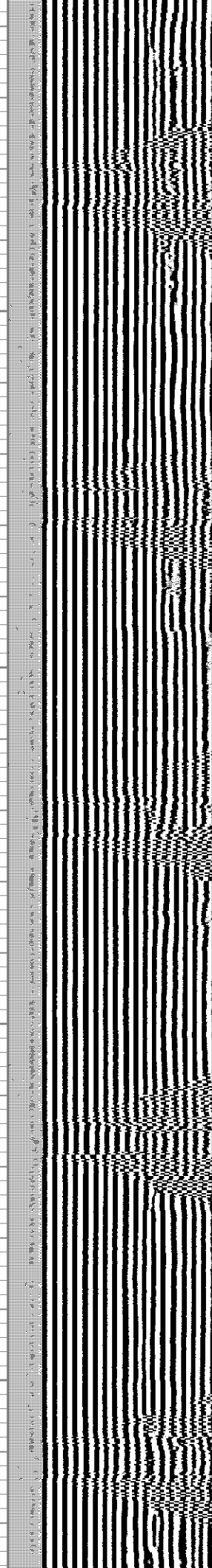
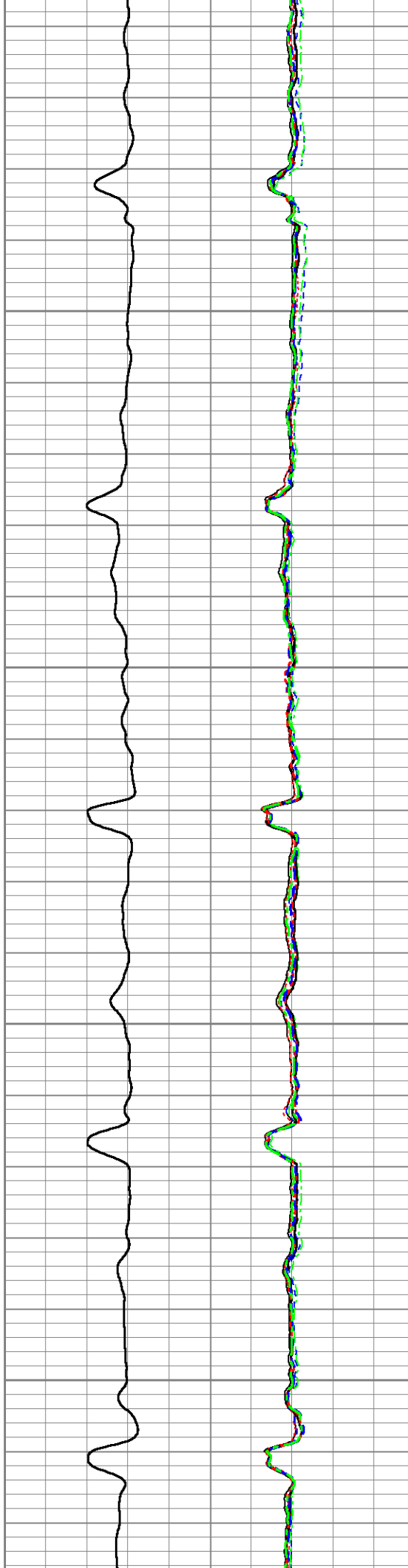
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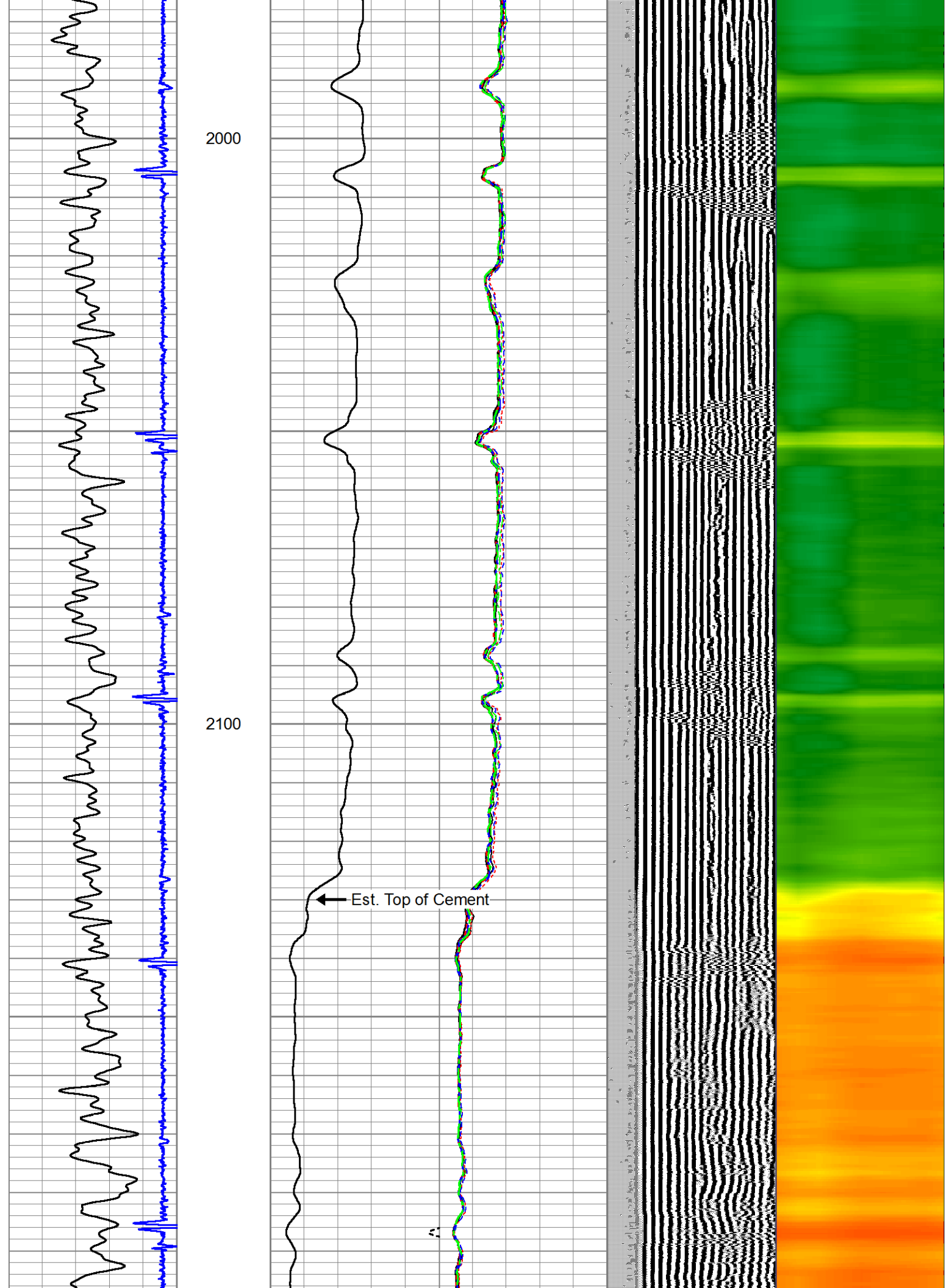




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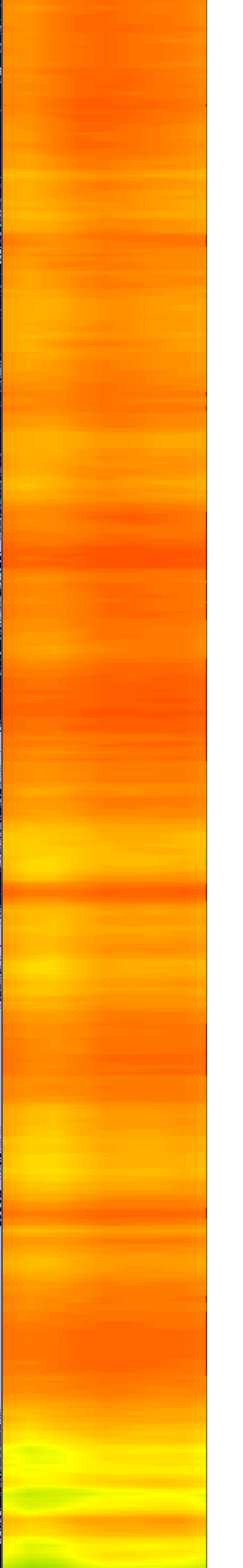
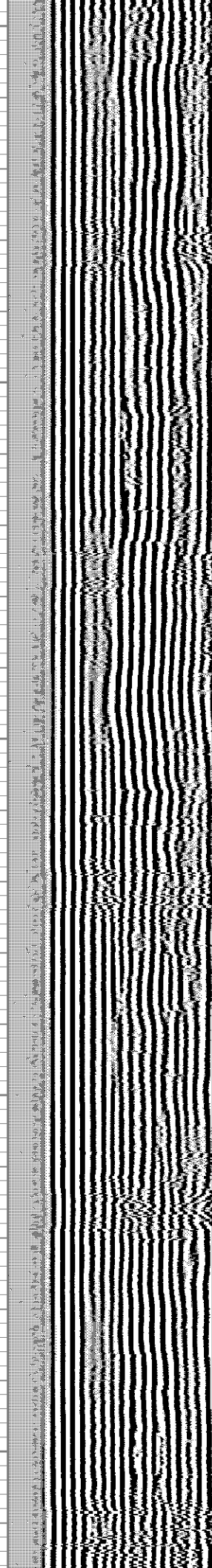
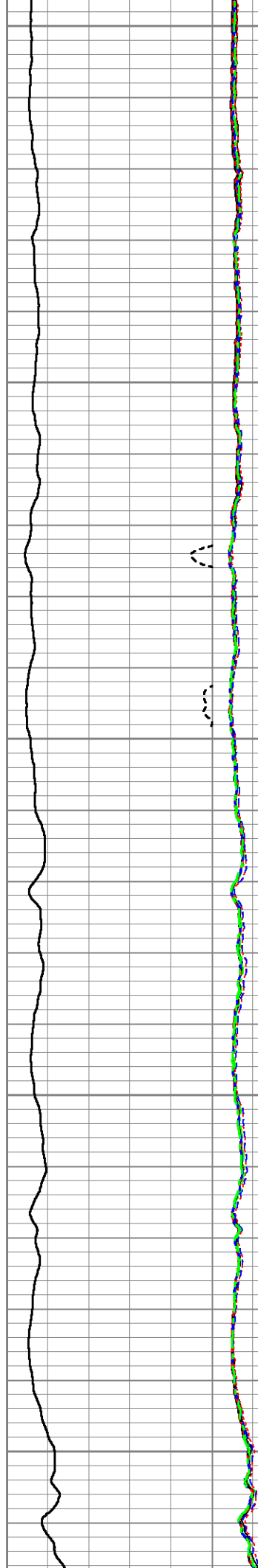
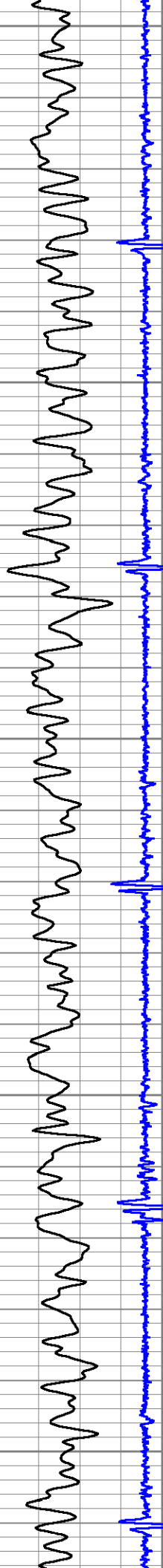


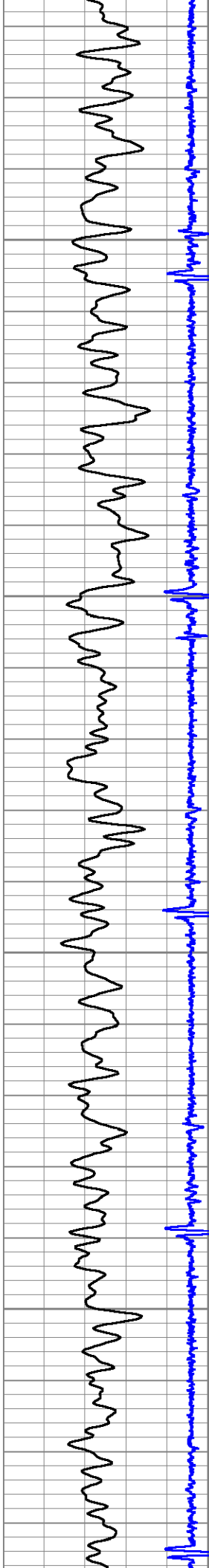


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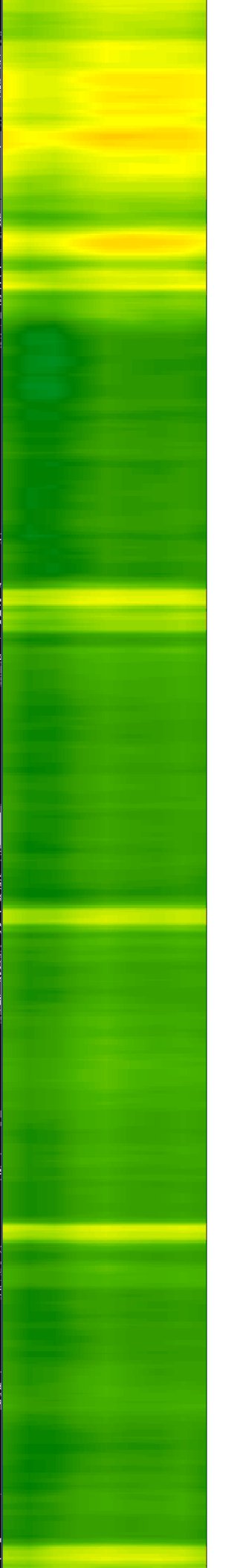
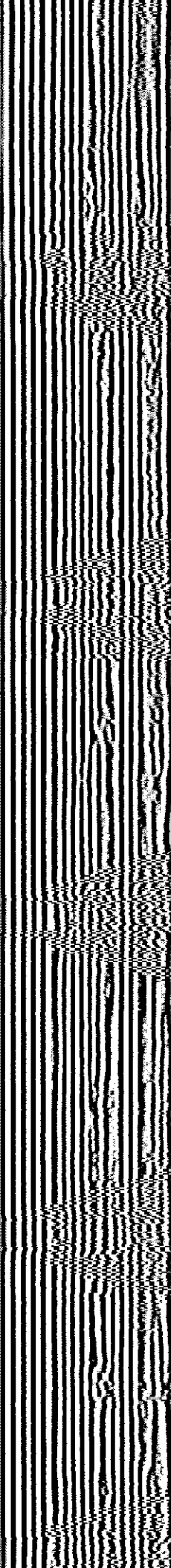
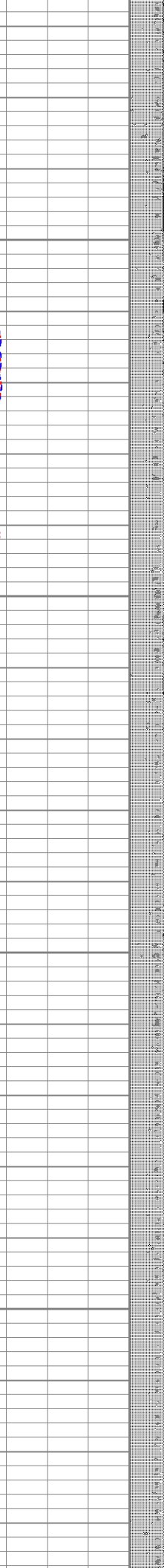
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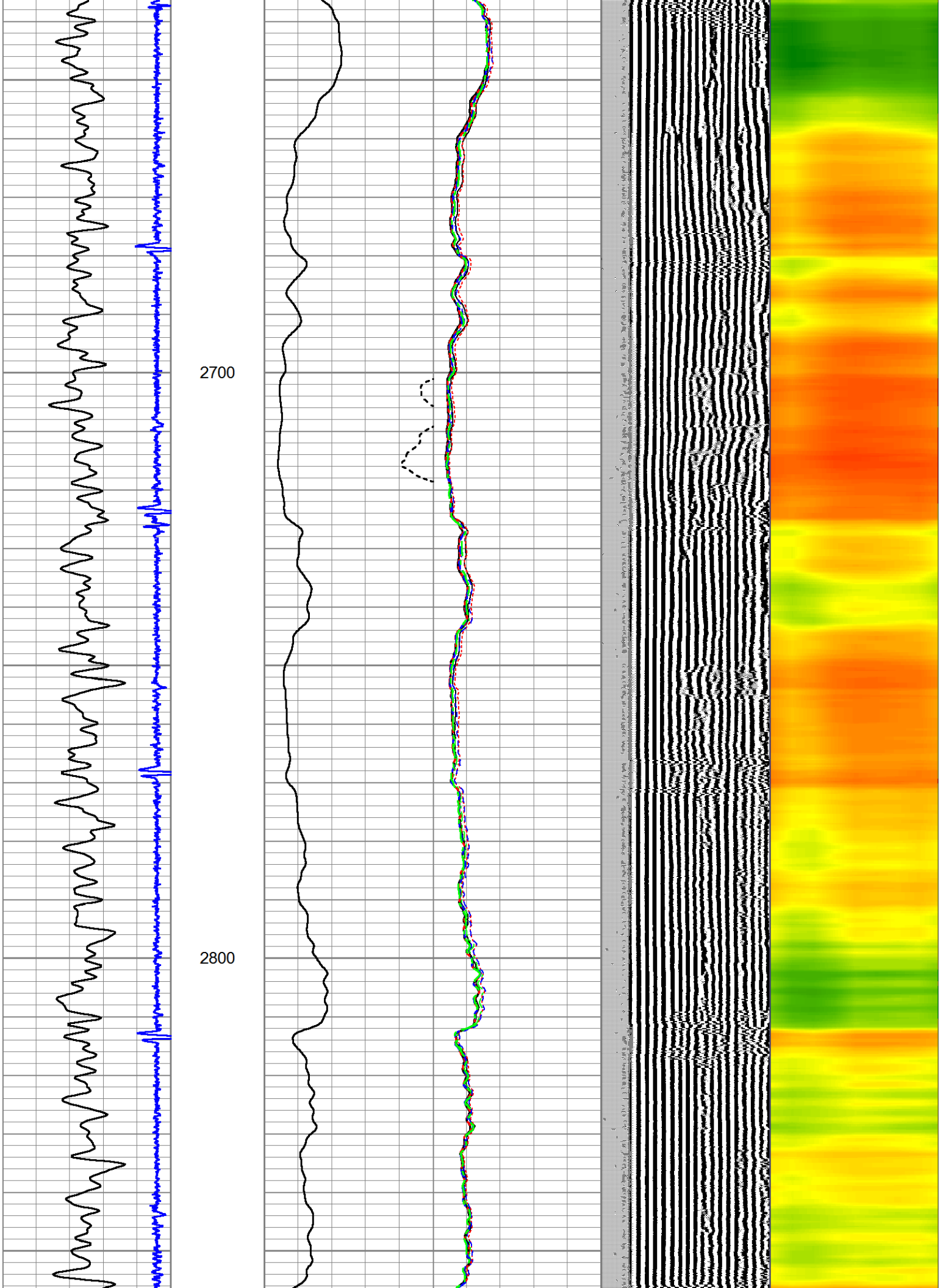


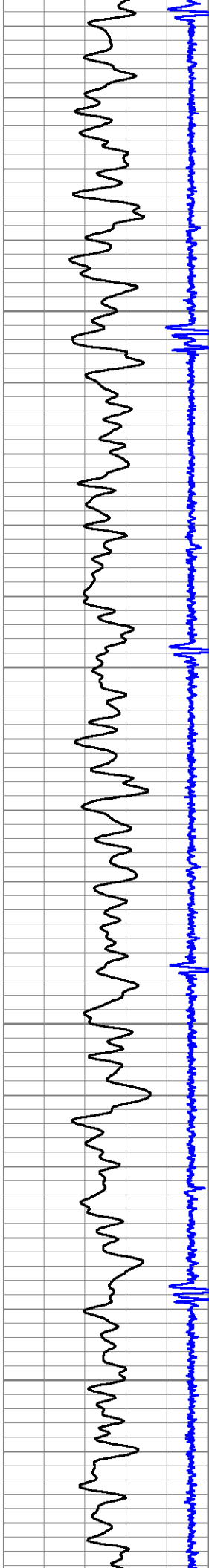


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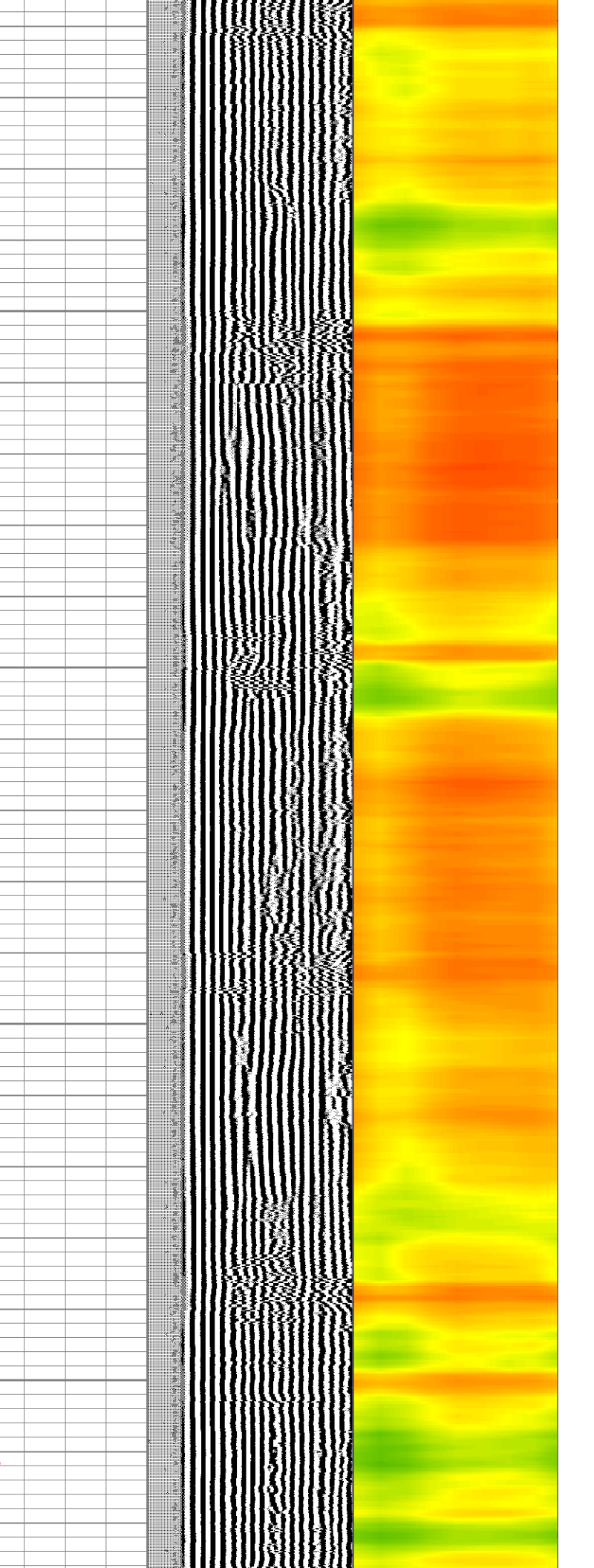
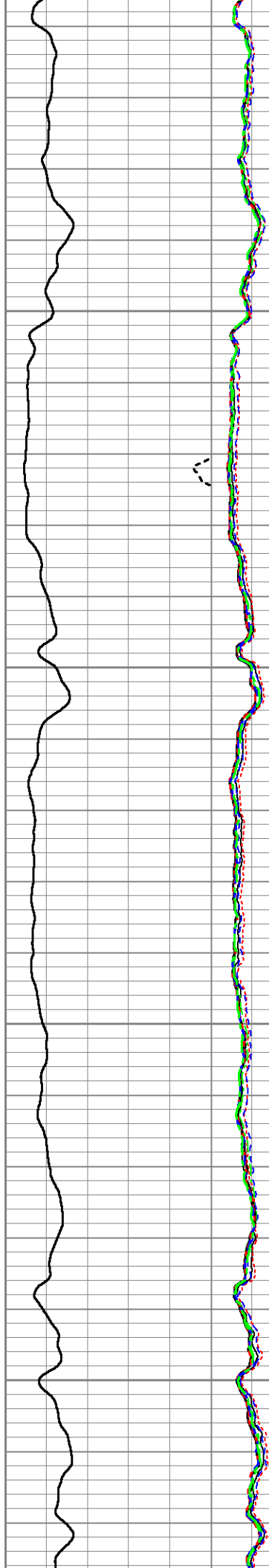


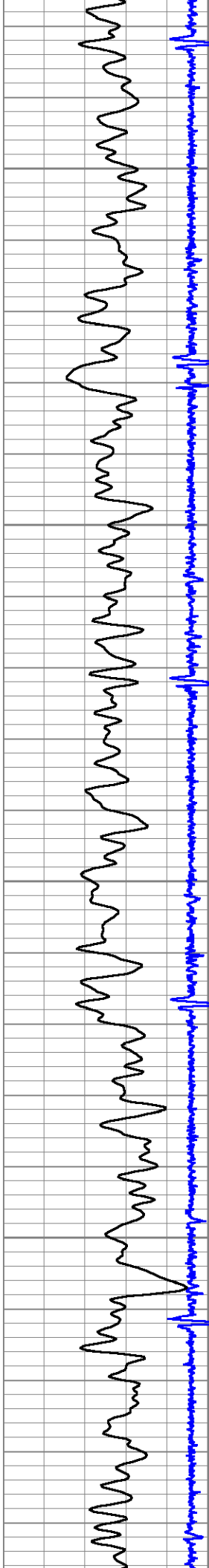




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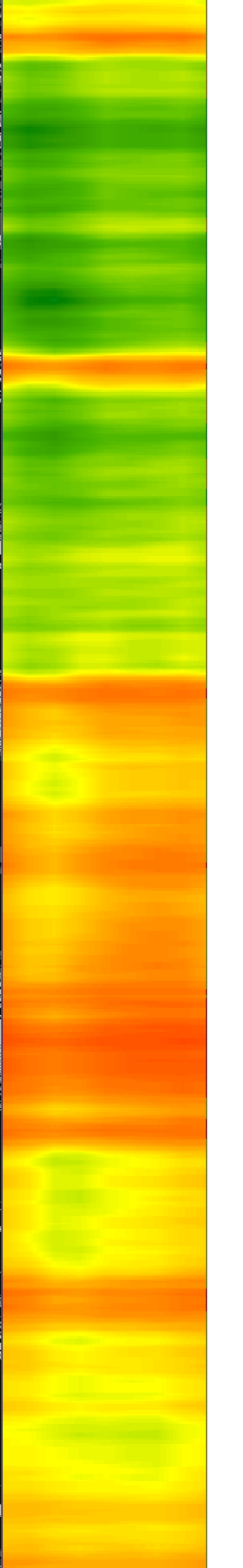
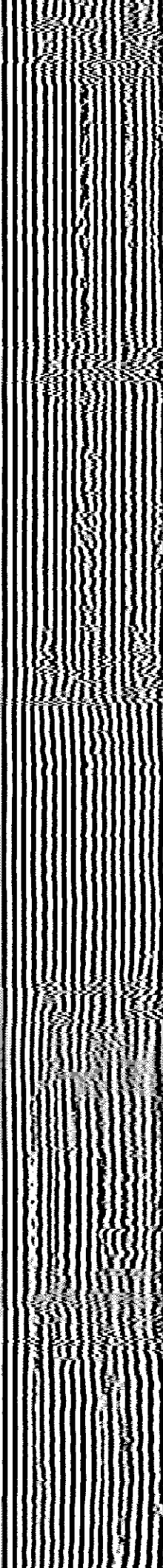
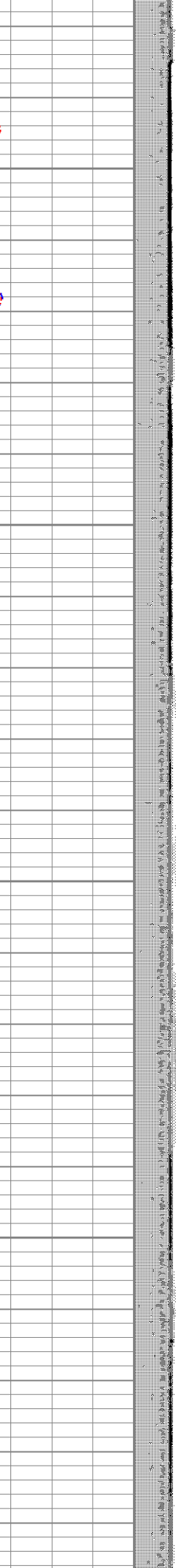
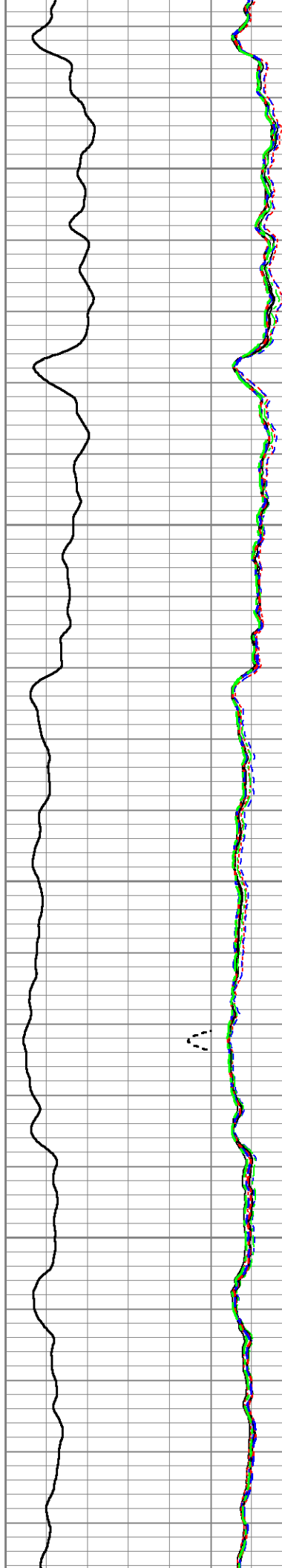
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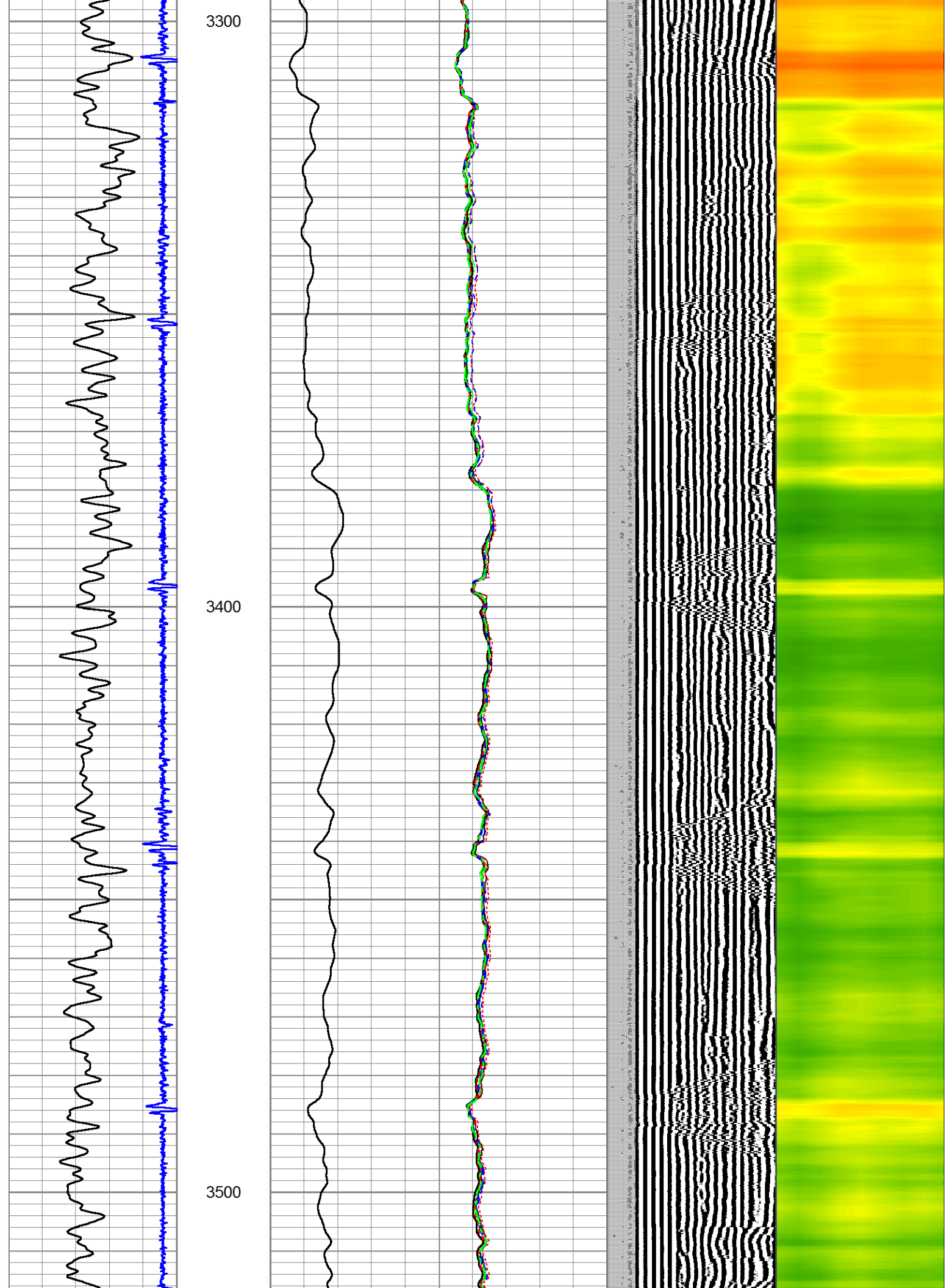


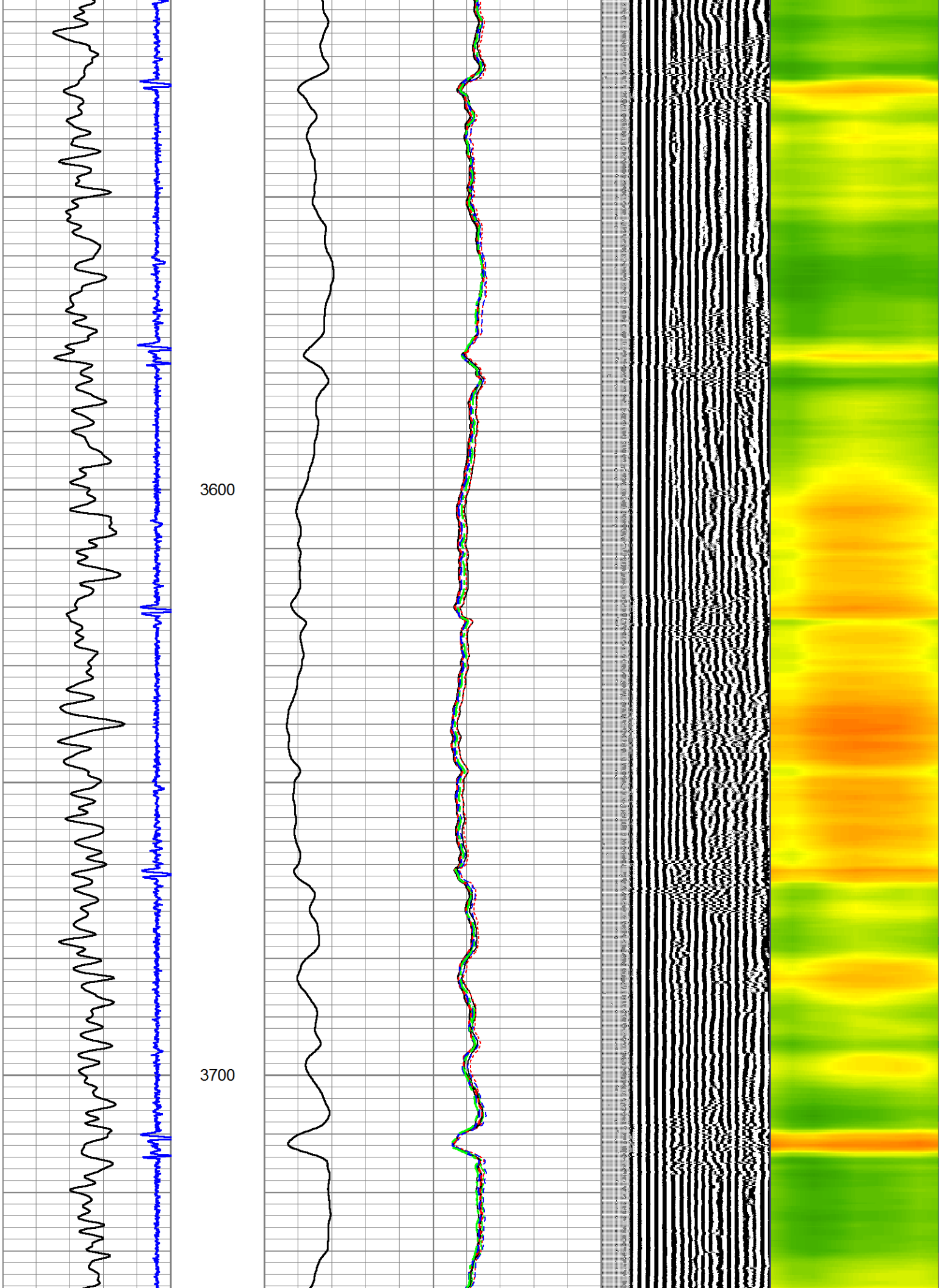


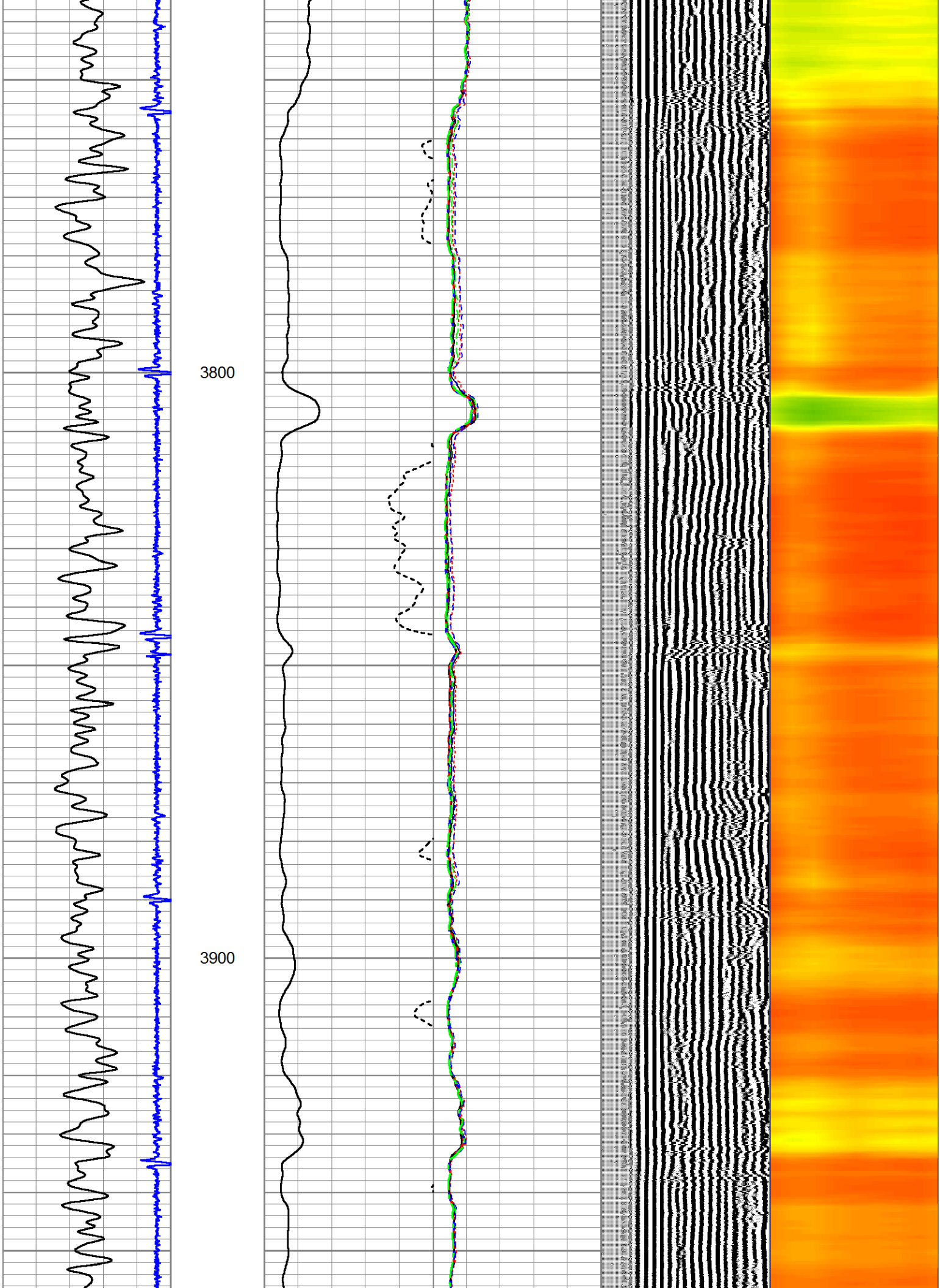
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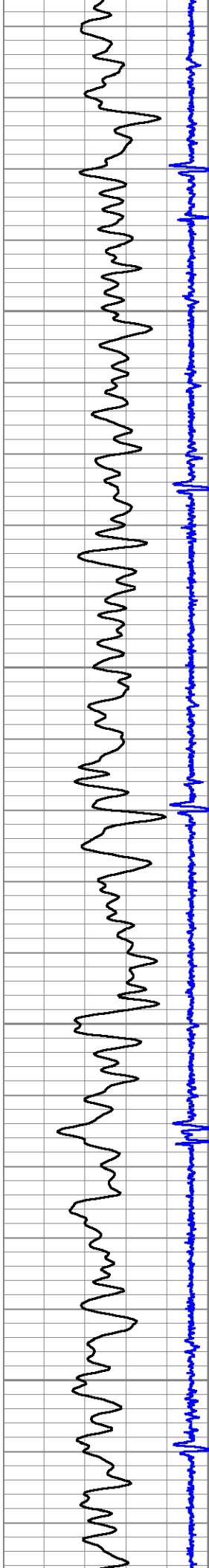
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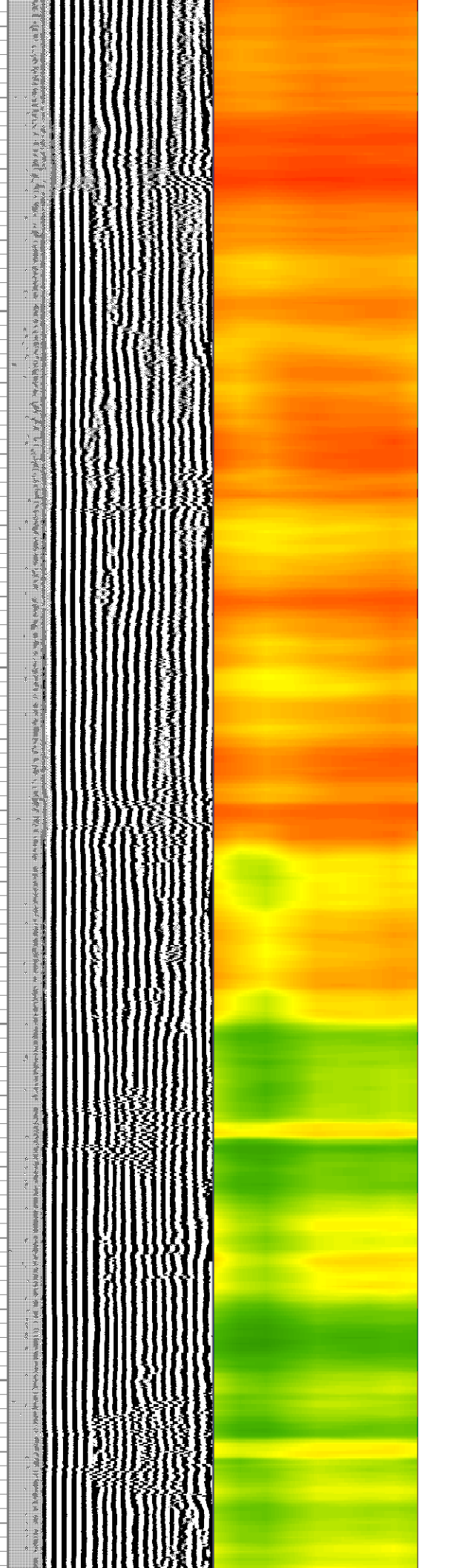
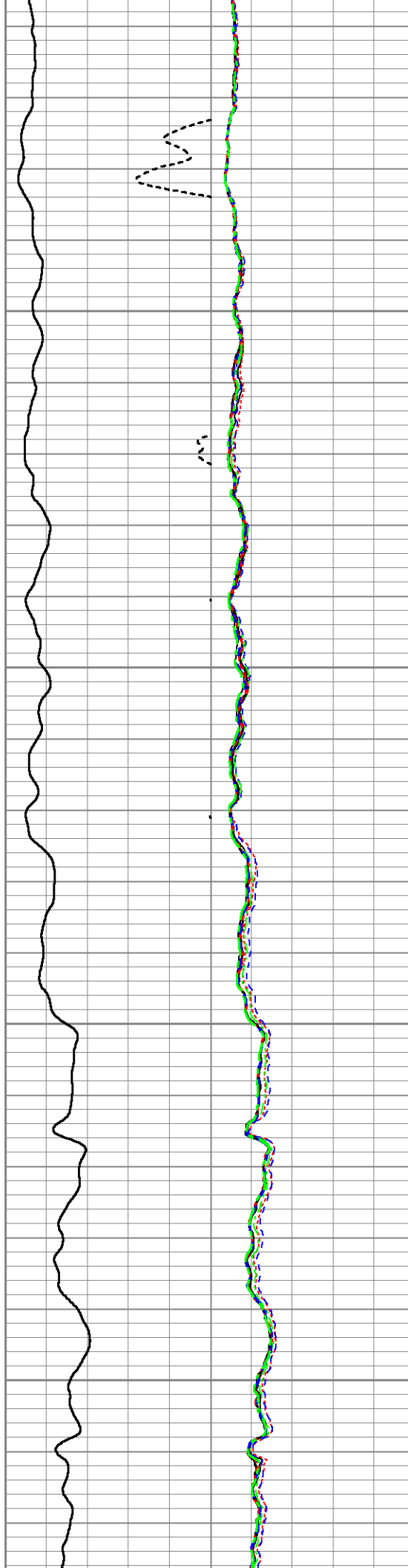






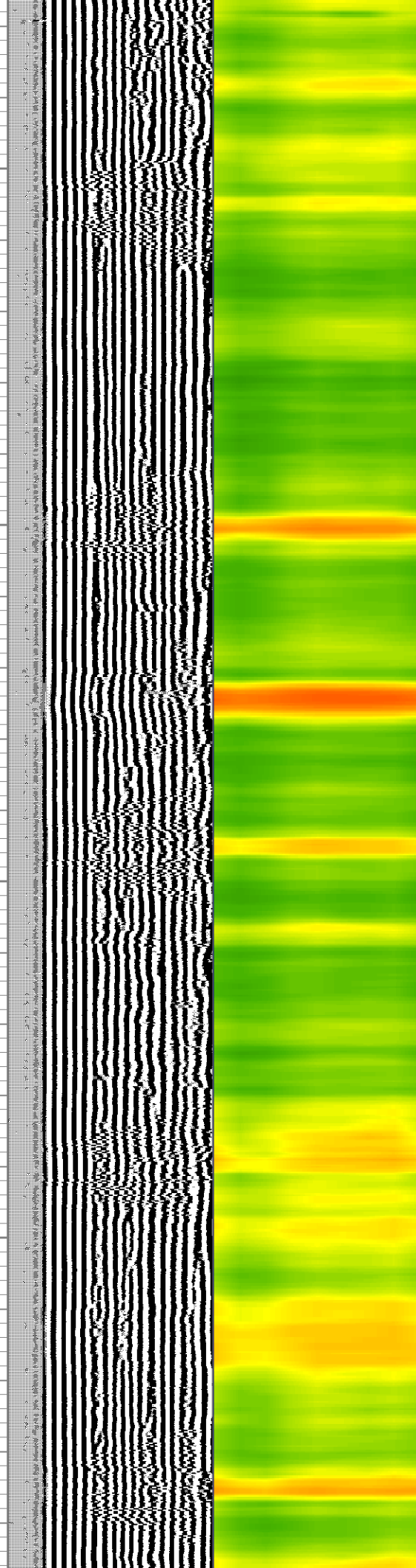
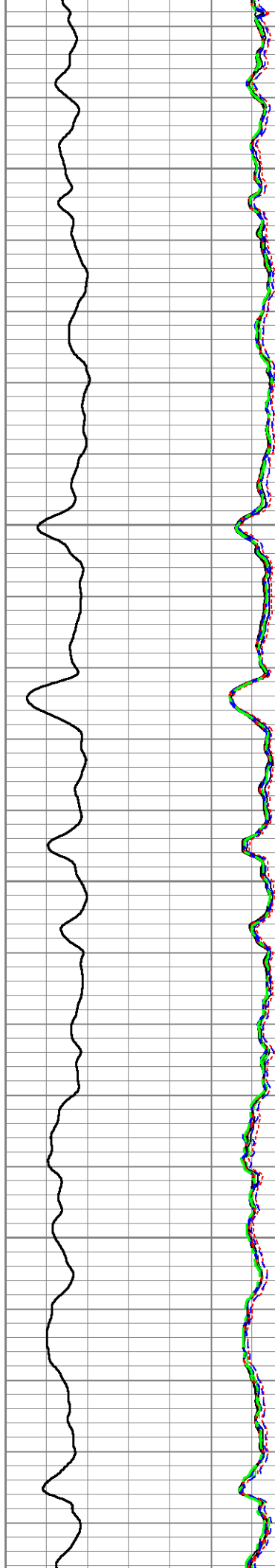
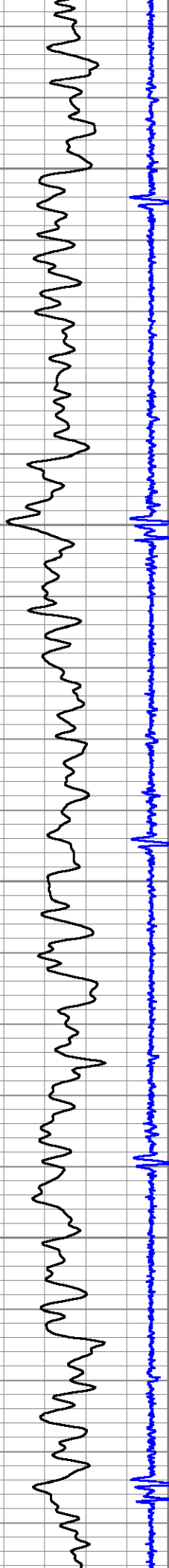
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4100



4200

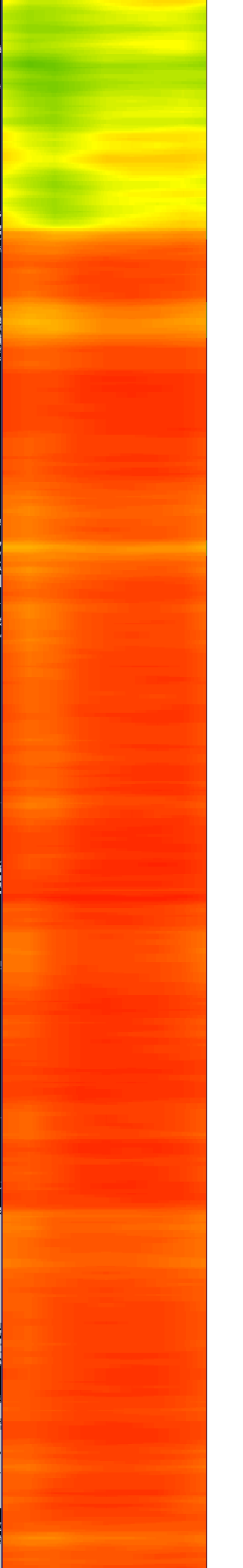
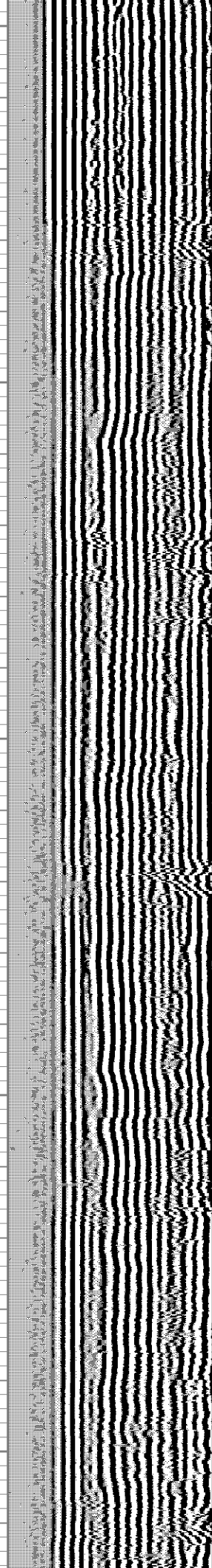
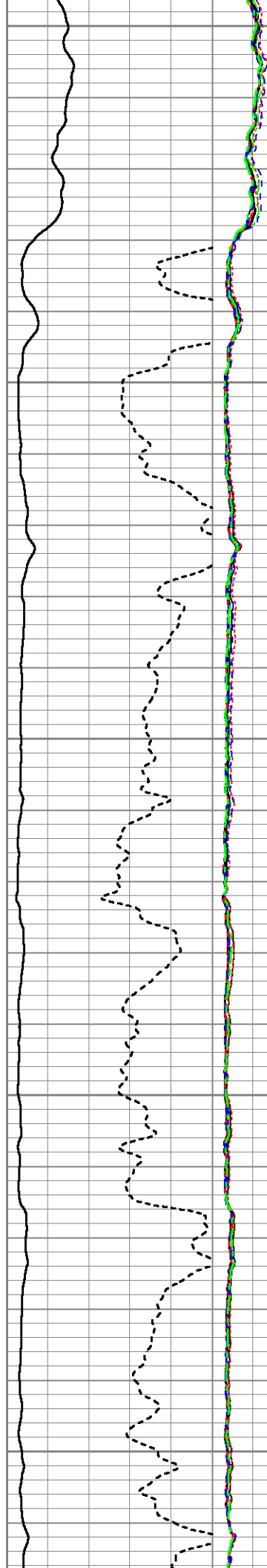
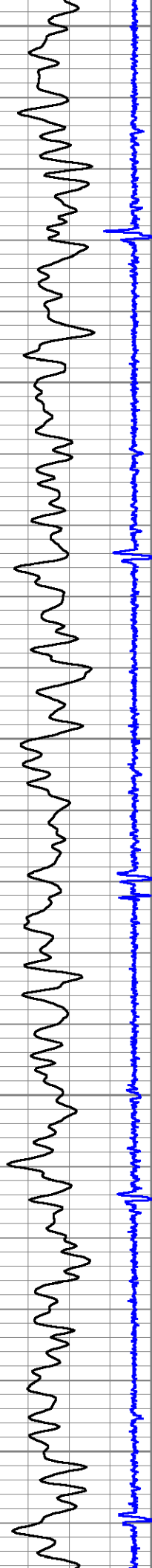
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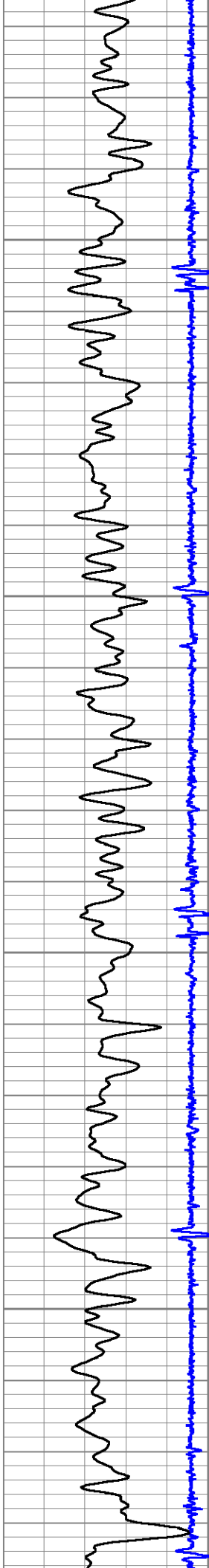


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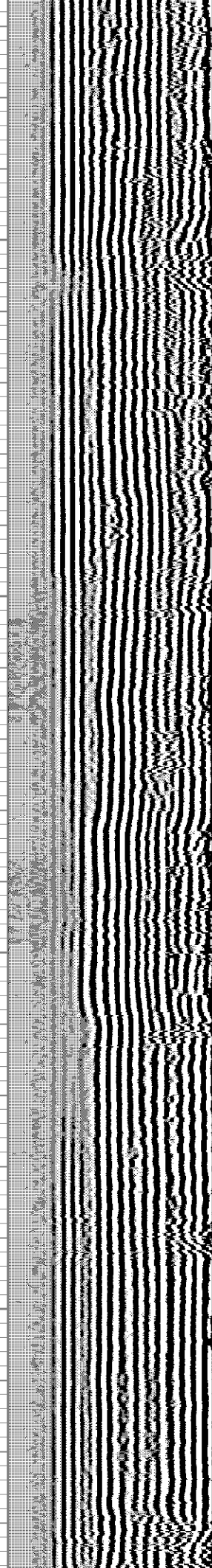
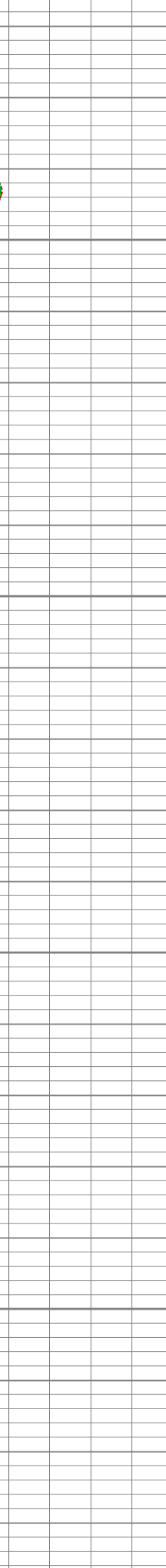
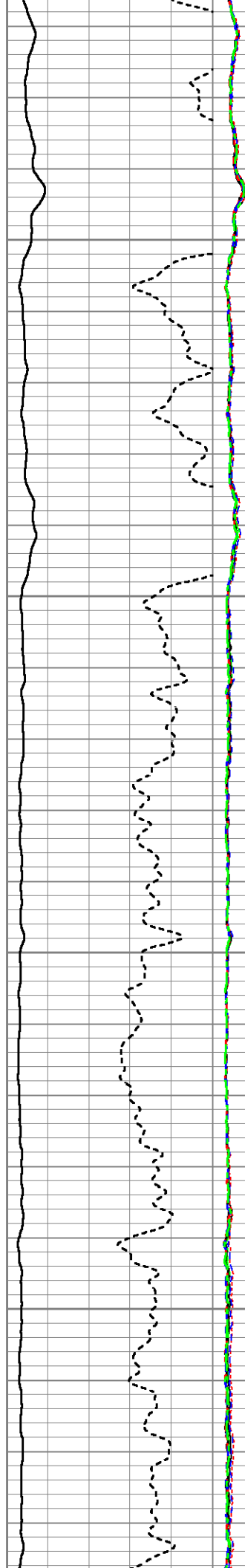
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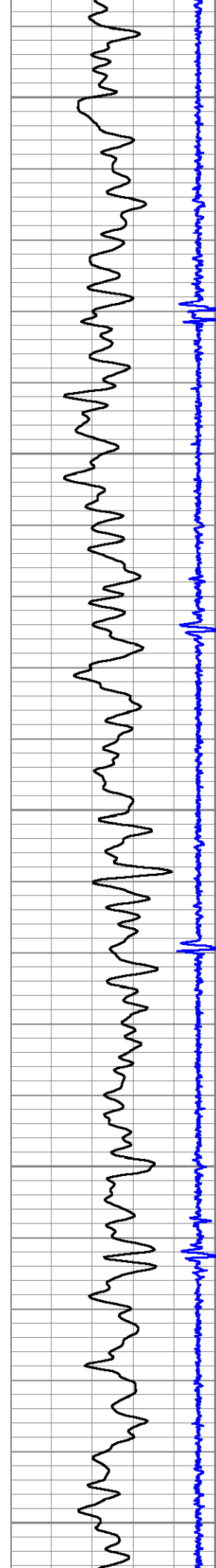




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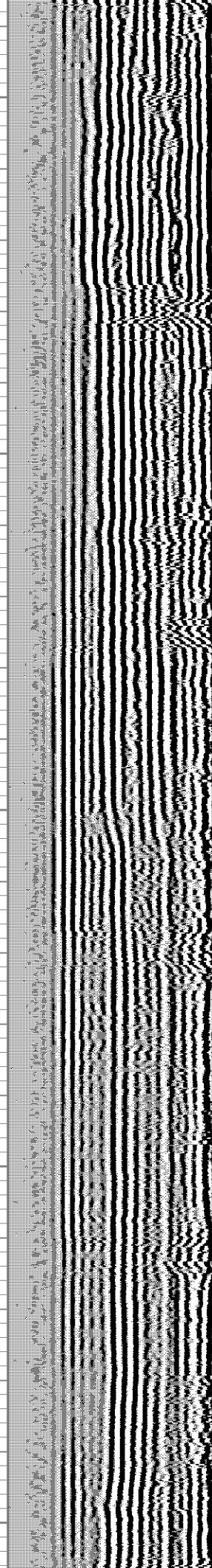
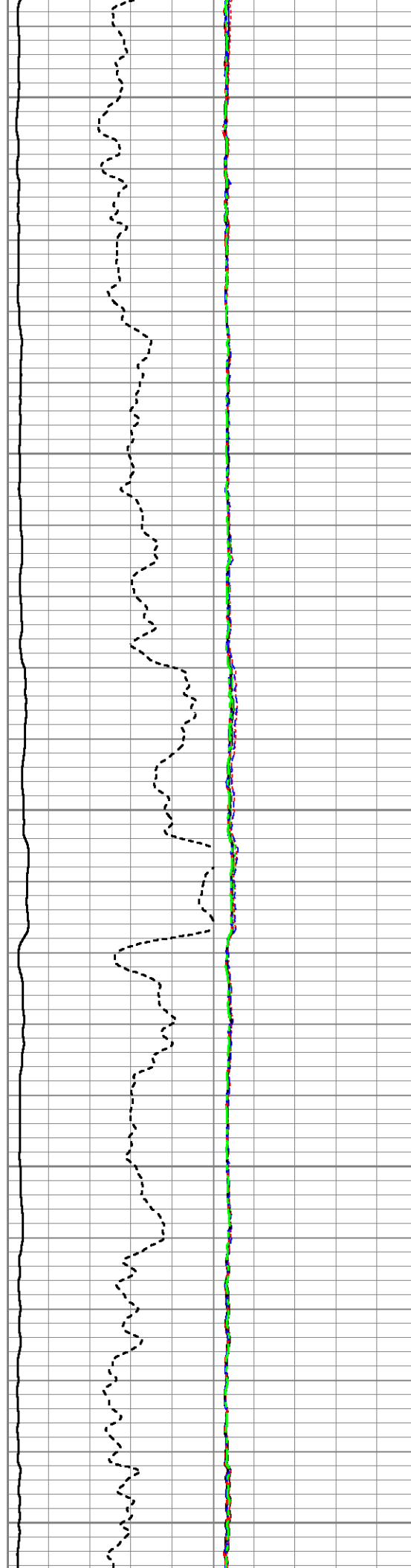
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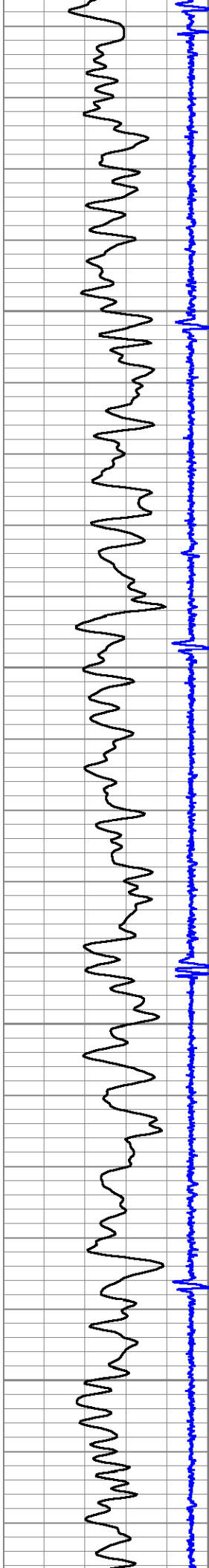




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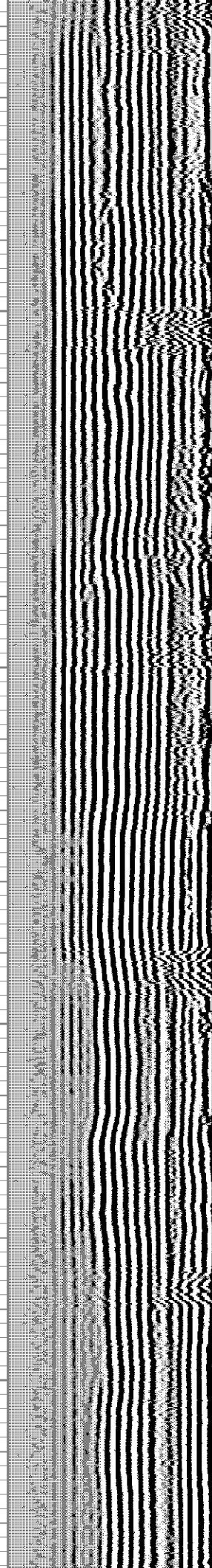
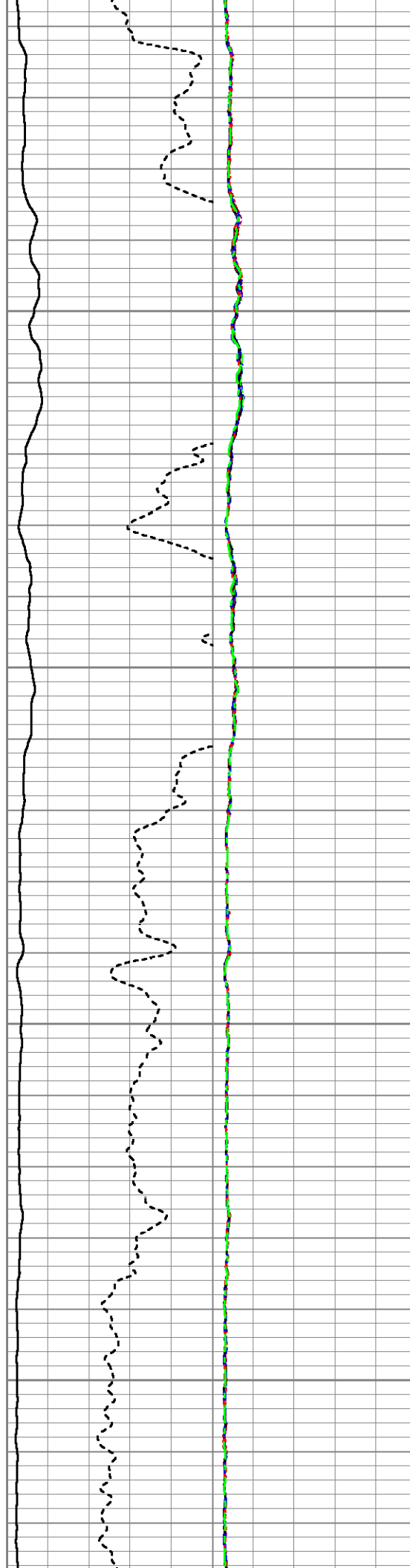
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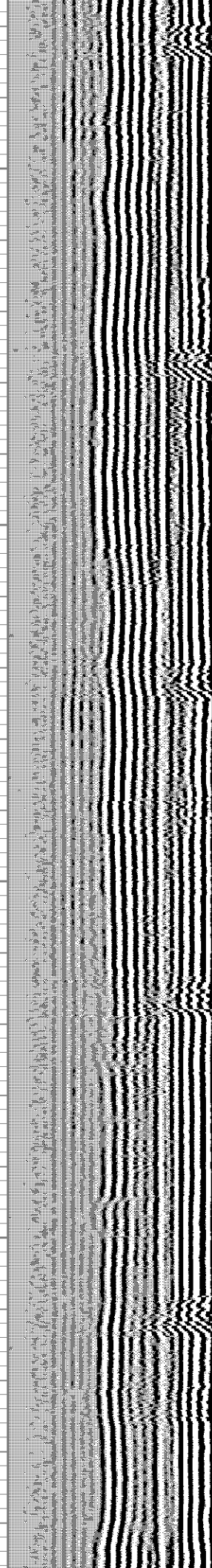
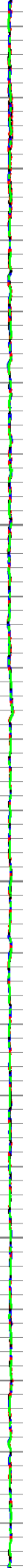
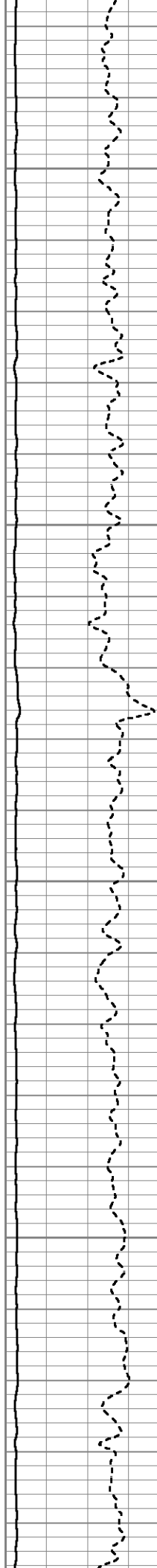
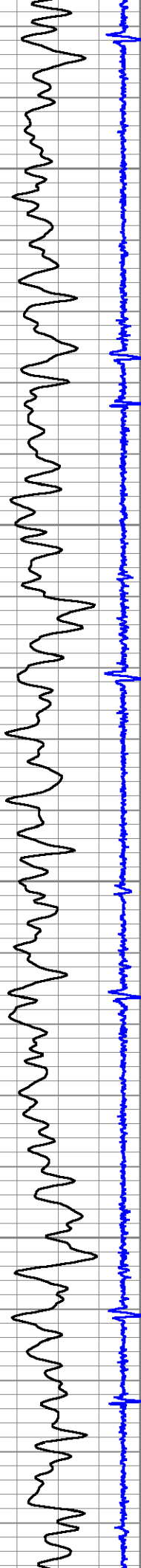
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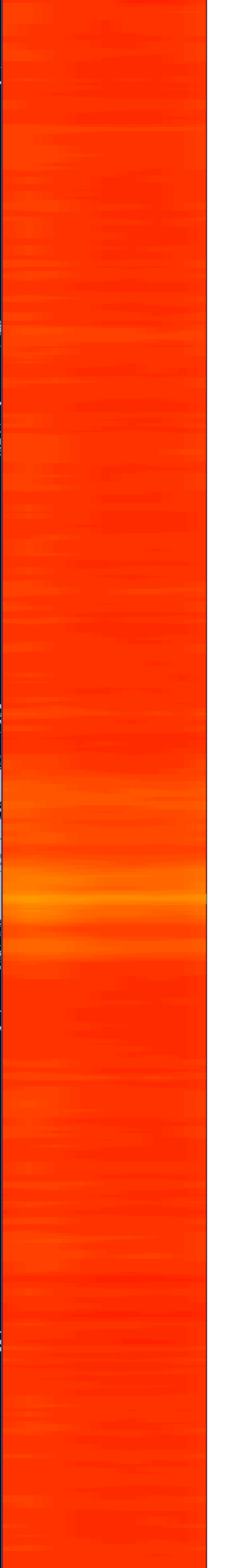
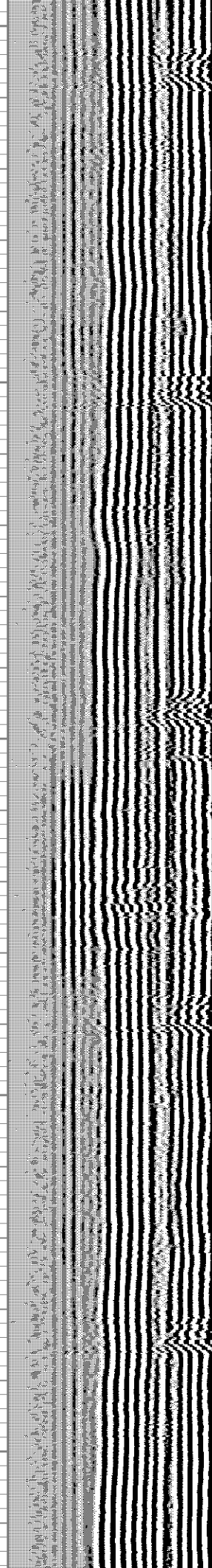
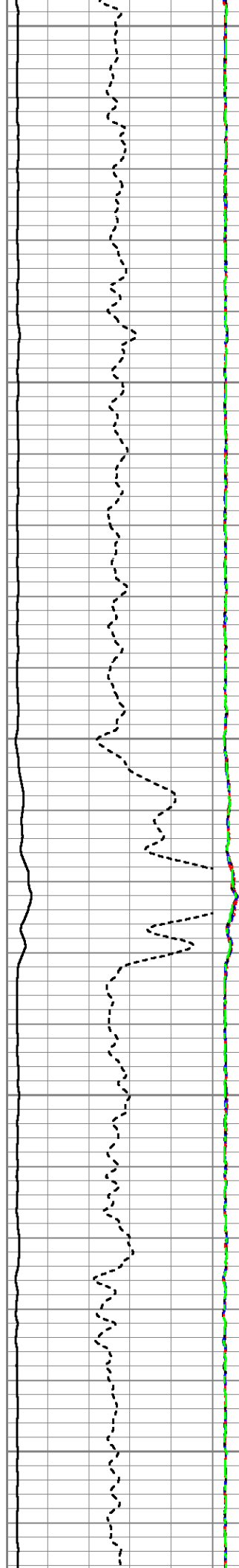
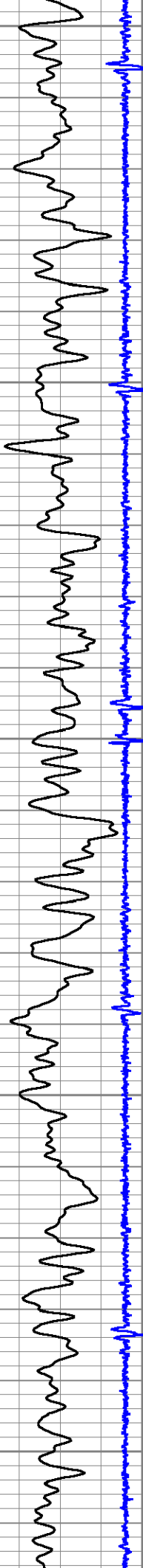
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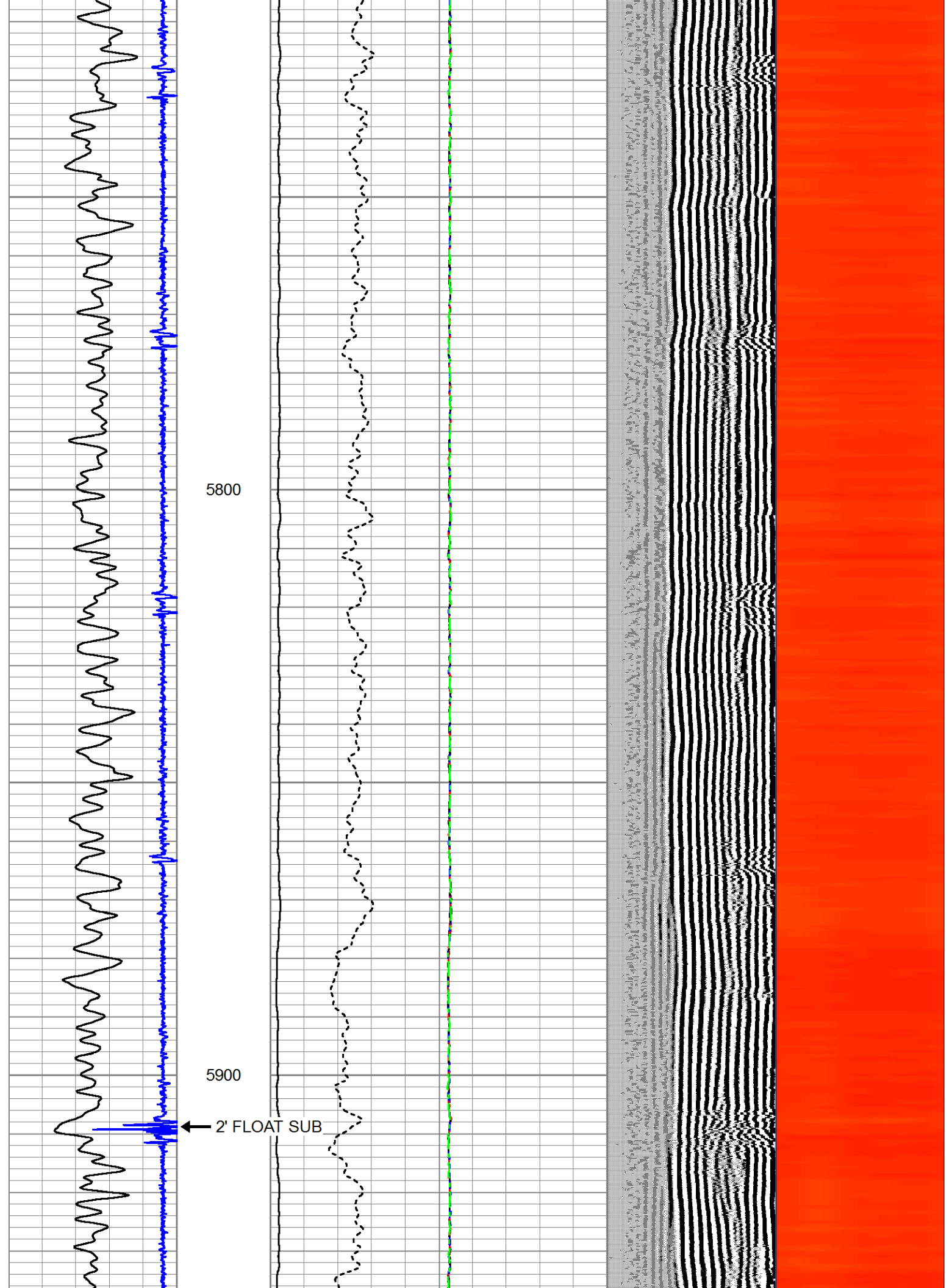


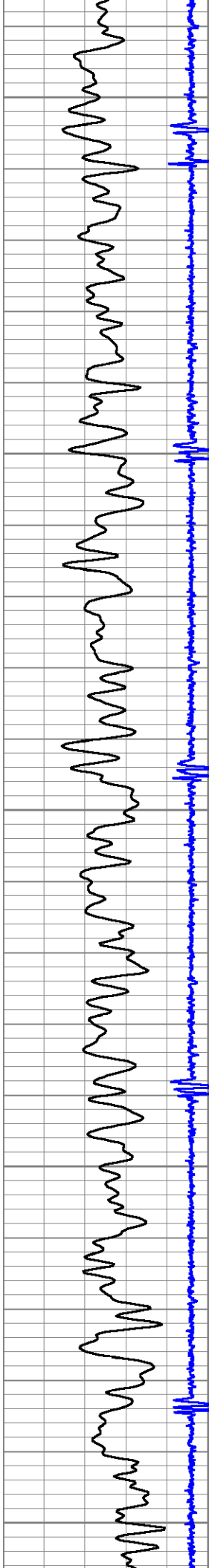
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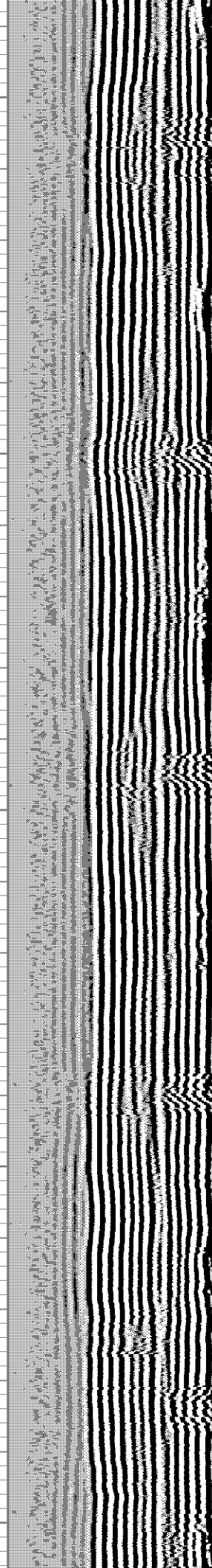
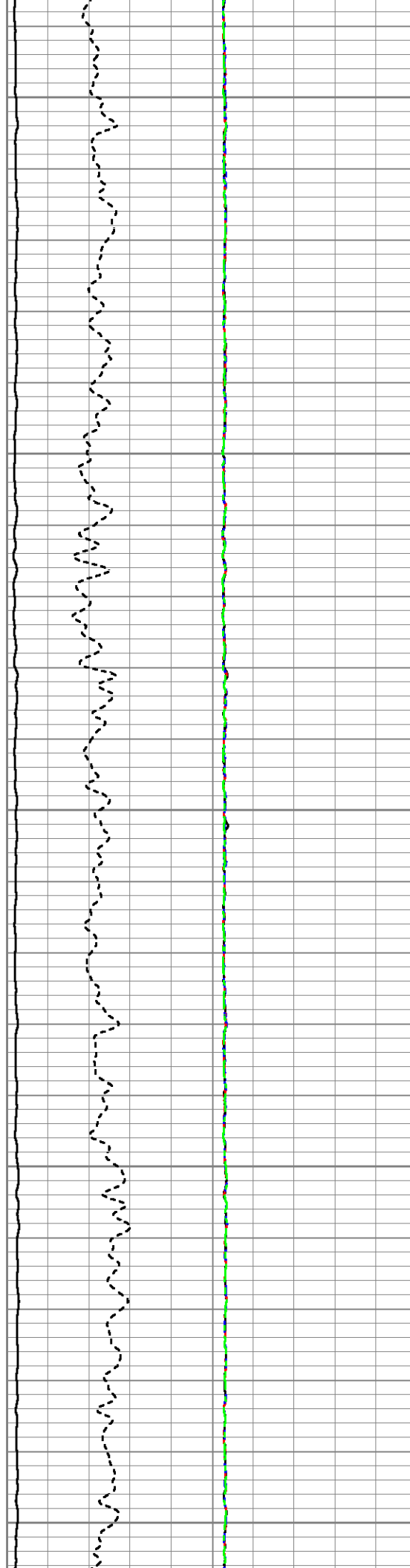






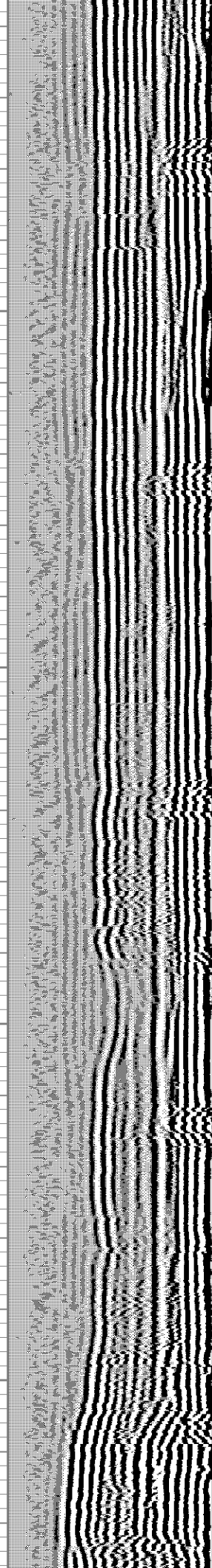
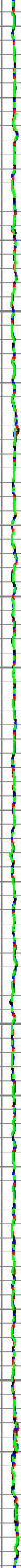
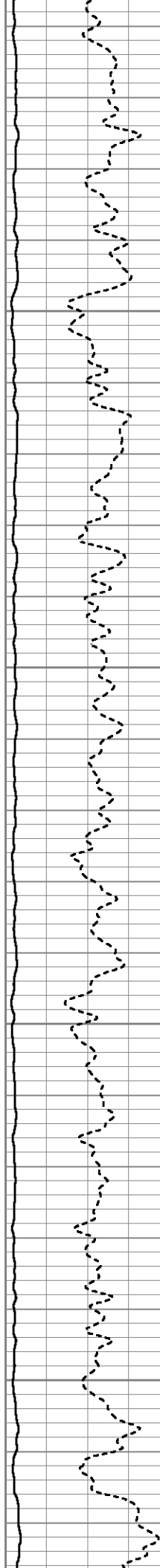
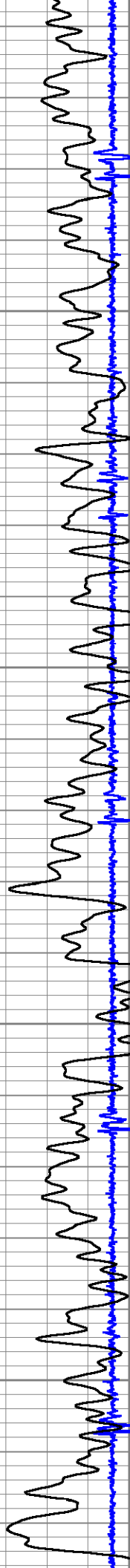
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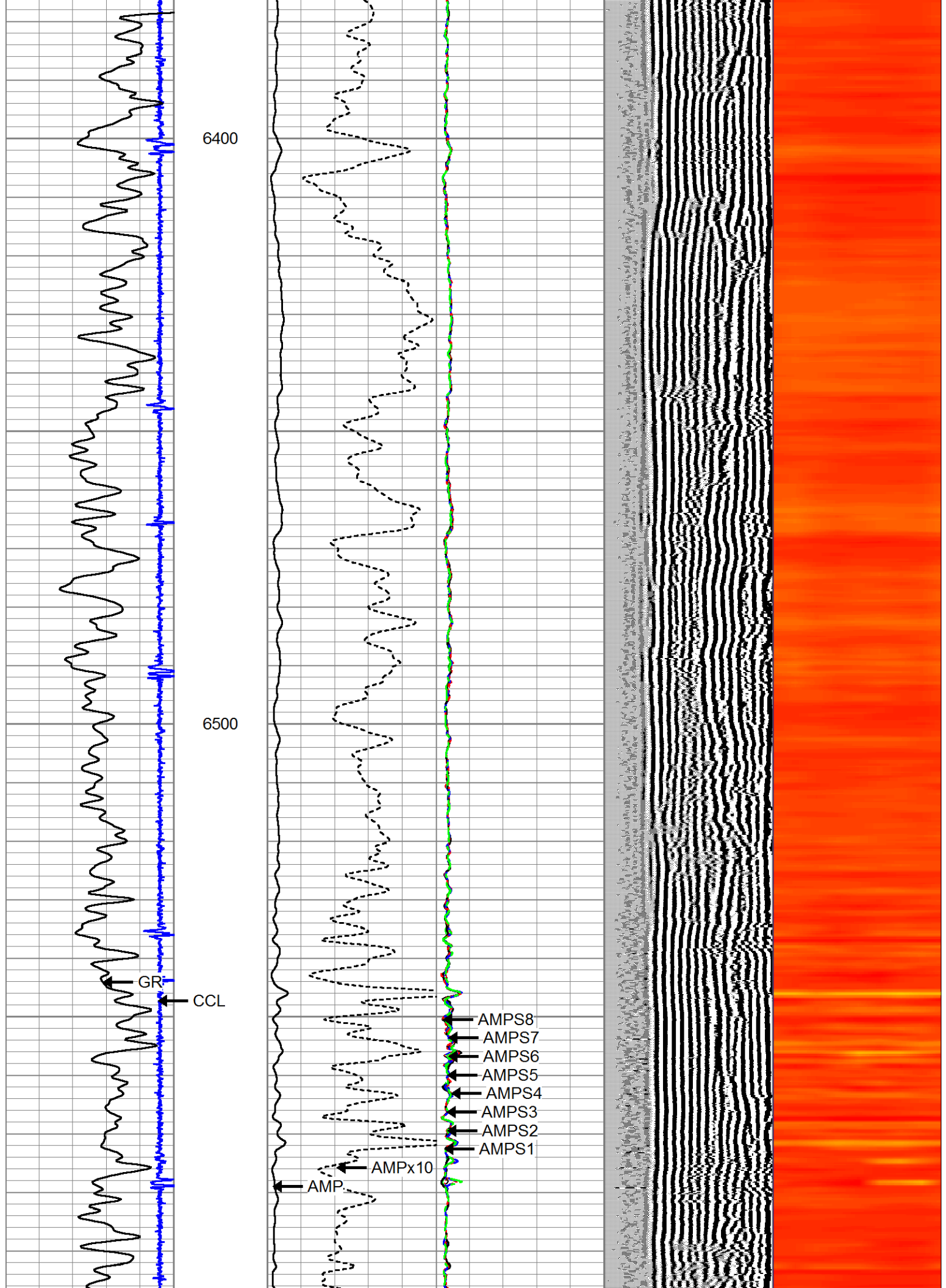
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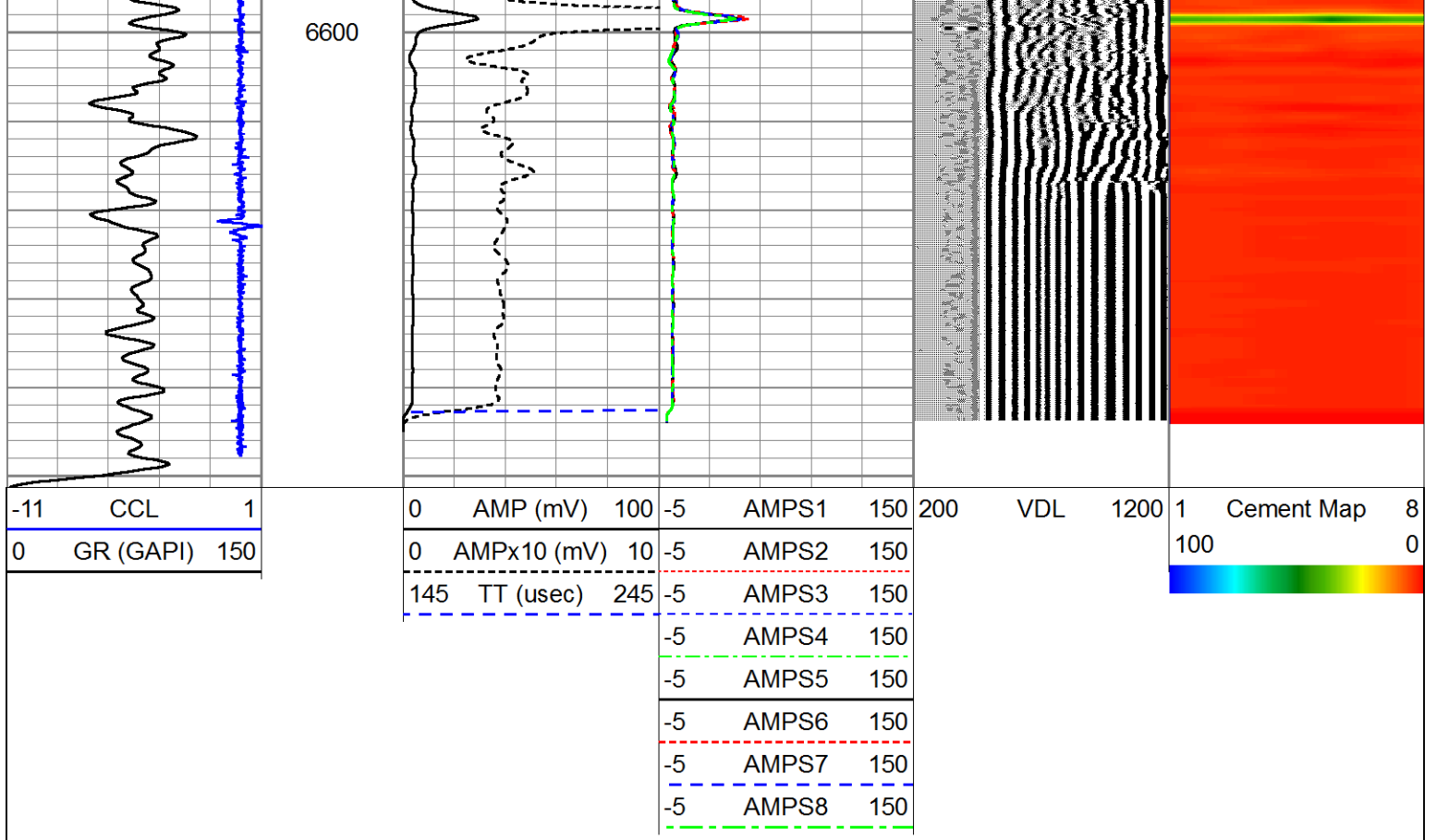


6200

6300







Company CONFLUENCE

Well MIDDLEPARK 18-21-3L

Field WATTENBERG

County WELD

State COLORADO