

**RADIAL BOND TOOL  
GAMMA RAY  
CCL**

Company CIVITAS  
Well EAST RINN 3-6-15  
Field WATTENBERTG  
County WELD State CO

Company CIVITAS  
Well EAST RINN 3-6-15  
Field WATTENBERTG  
County WELD  
State CO

Location: 40.137972 -104.990049  
API #: 05-123-32502  
Other Services  
SEC 15 TWP 2N RGE 65W  
Permanent Datum GL Elevation 4875'  
Log Measured From 12'  
Drilling Measured From KB  
Elevation  
K.B. 4887'  
D.F. 4886'  
G.L. 4978

Date 01/22/2025

Run Number	1
Depth Driller	12219
Depth Logger	7300
Bottom Logged Interval	7304
Top Log Interval	SURFACE
Open Hole Size	8.75"
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
Estimated Cement Top	N/A
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	N/A
Equipment Number	5075
Location	GREELEY CO
Recorded By	CODY JENSEN
Witnessed By	

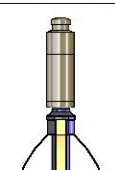
Borehole Record		Casing Record					
Run Number	Bit	From	To	Size	Weight	From	To
				8.625"	24	SURFACE	750'
				4.5"	11.6	SURFACE	8165'

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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**

**LOG RAN UNDER 500 PSI  
GAS INDICATED IN ANNULUS**

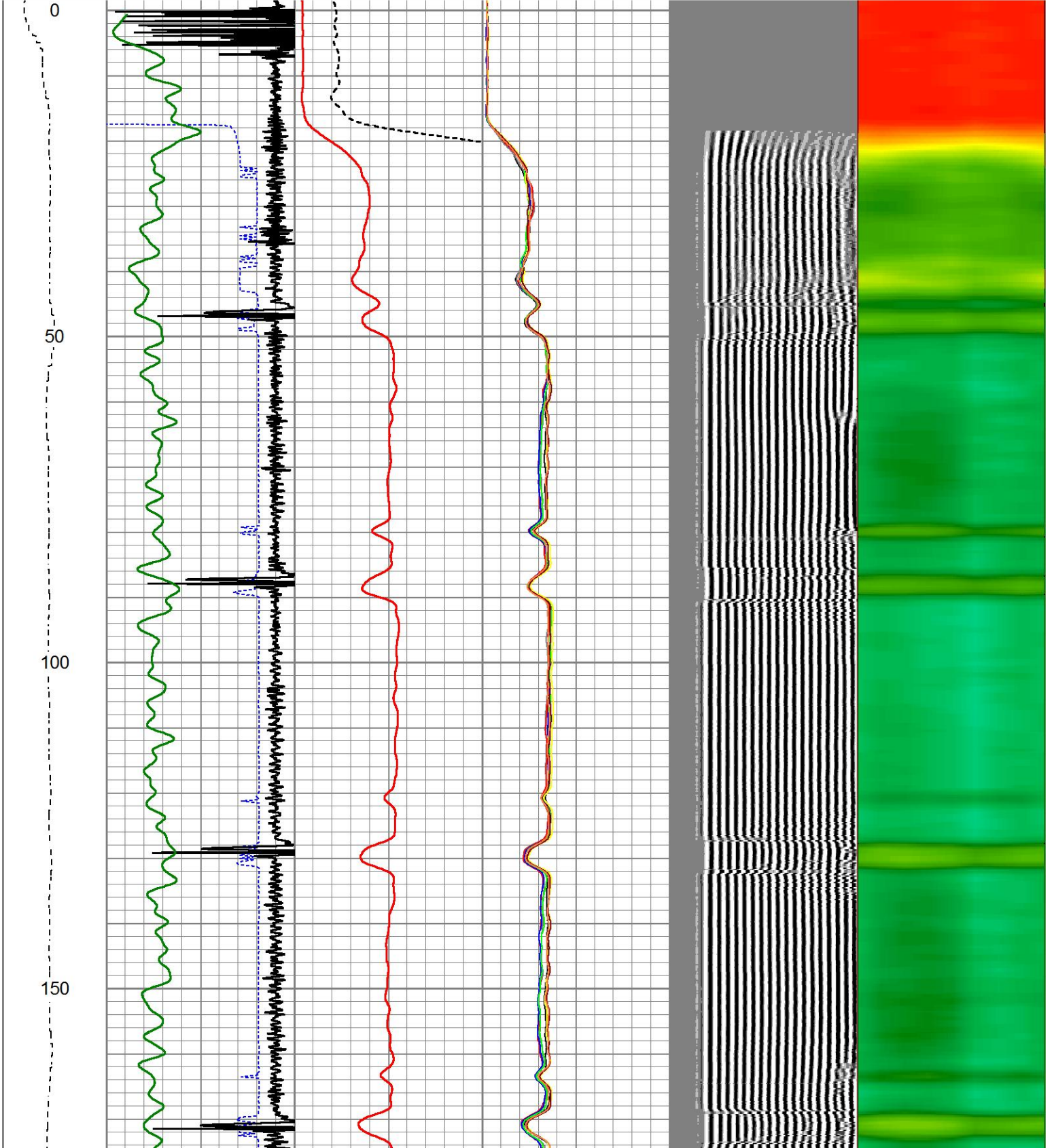
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1_11/16_Cablehead 1 11/16 Cablehead	1.00	1.68	5.00

			CENT-1.69variable 1.69" Centrilizer Variable Length	2.88	1.69	15.00
Temp	13.93					
WVFS8	11.69		RBT-27SBT10 (Greeley Ext Temp) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	
WVFS7	11.69					
WVFS6	11.69					
WVFS5	11.69					
WVFS4	11.69					
WVFS3	11.69					
WVFS2	11.69					
WVFS1	11.69					
WVF3FT	11.69					
WVF5FT	10.69					
HEADVOLT	7.44					
WVFCAL	7.44					
			CENT-1.69variable 1.69" Centrilizer Variable Length	2.88	1.69	15.00
CCL	3.63					
			GR-27GRL10 (27GRL10-XXXX) 2-3/4" Probe Gamma Ray	4.56	2.75	50.00
GR	0.89					

Dataset: east rinn 03-06-15.db: field/well/run1/pass35  
 Total length: 20.71 ft  
 Total weight: 85.00 lb  
 O.D.: 2.75 in

Database File east rinn 03-06-15.db  
 Dataset Pathname pass35  
 Presentation Format ips\_rbtcolorcivitas  
 Dataset Creation Thu Jan 23 10:49:47 2025  
 Charted by Depth in Foot scaled 1:240

LSPD	650	TT (usec)	150	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
(ft/min)	-9	CCL	1		AMPLIFIED		0	AMPS2	150						
0	250	0	GR (GAPI)	200	0	(mV)	20	0	AMPS3	150					
		200	GR (GAPI)	400				0	AMPS4	150					
								0	AMPS5	150					
								0	AMPS6	150					
								0	AMPS7	150					
								0	AMPS8	150					

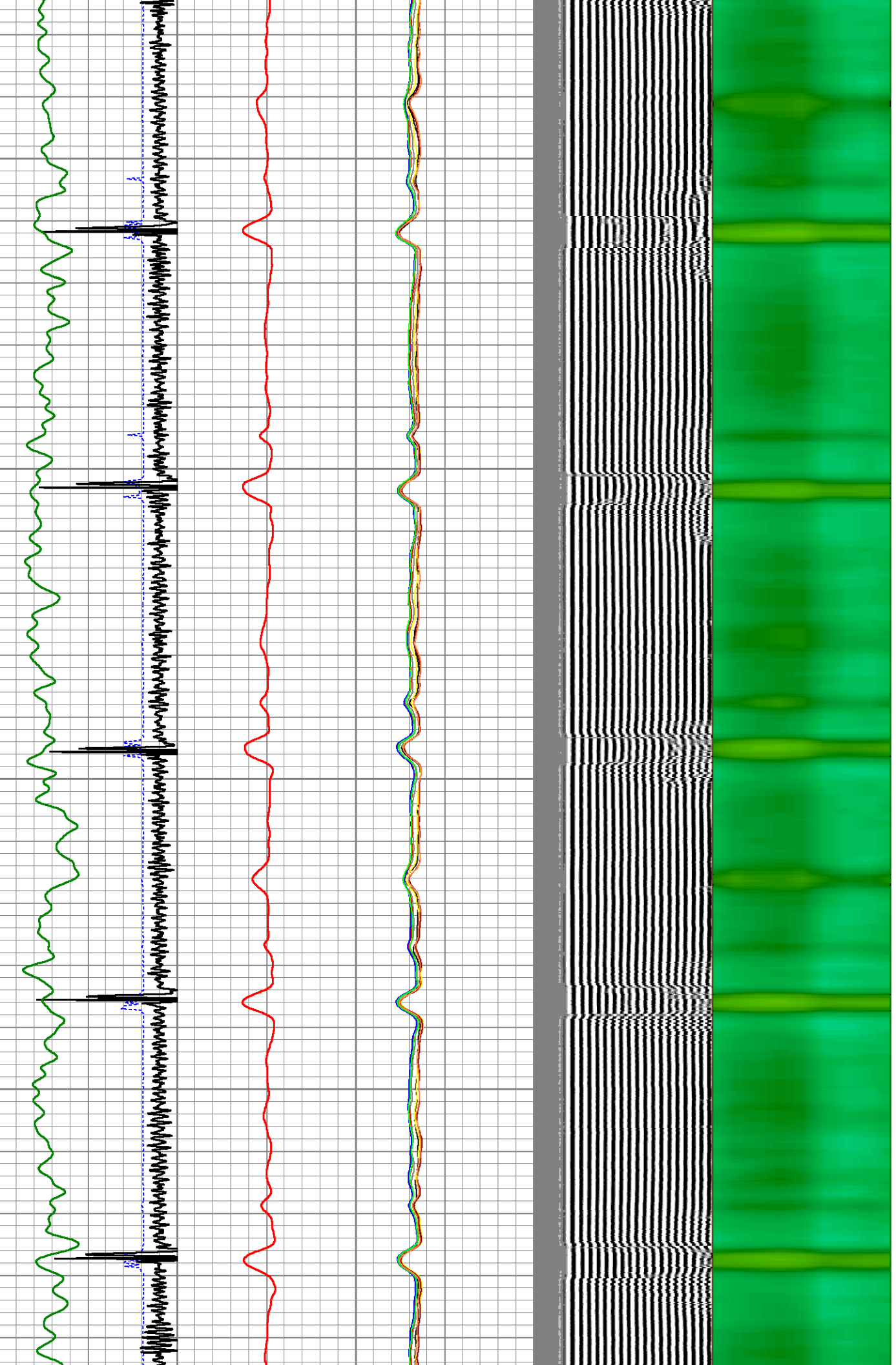


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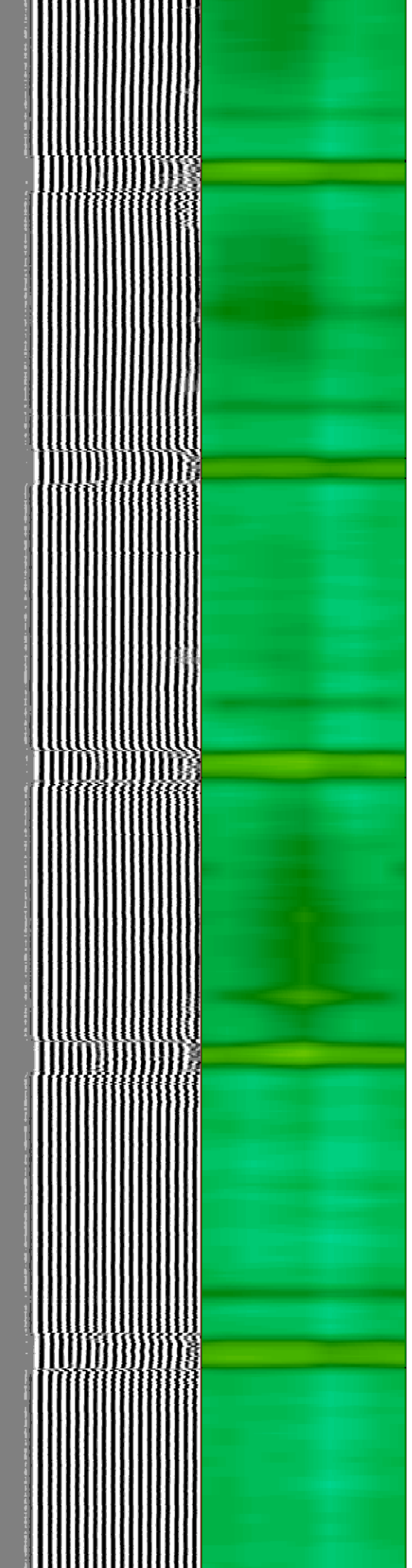
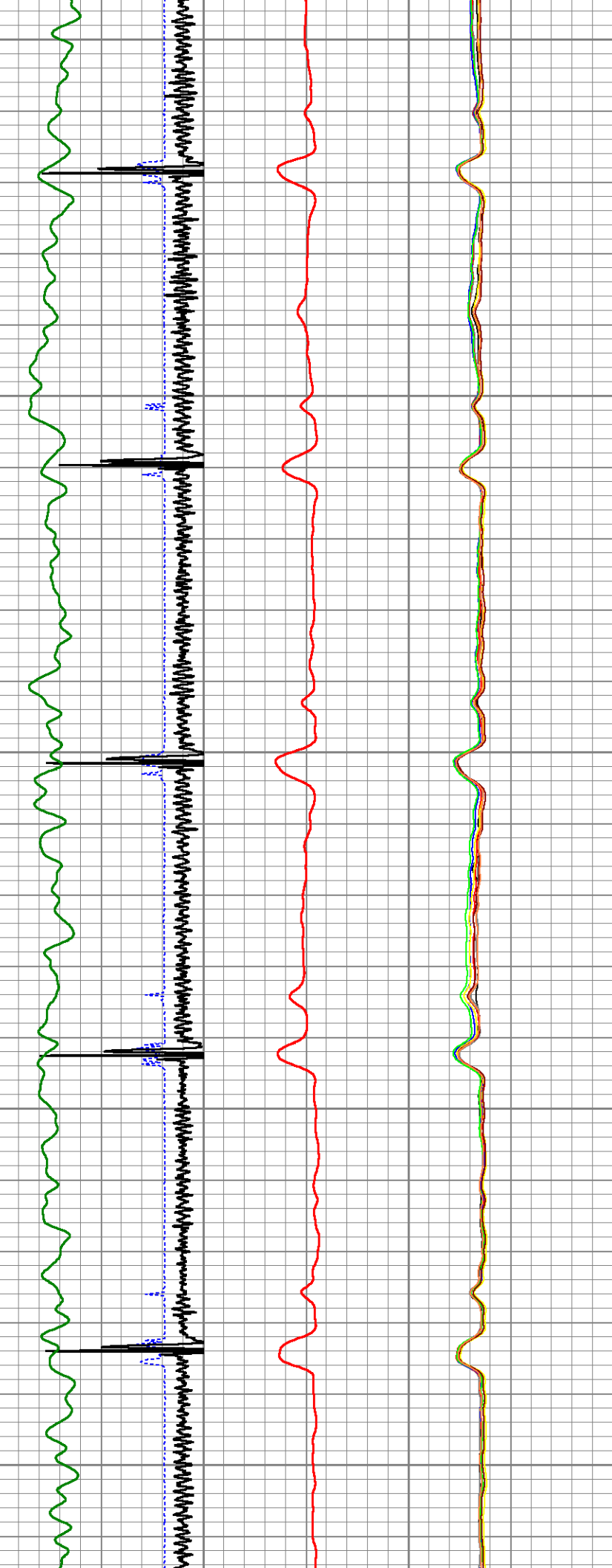
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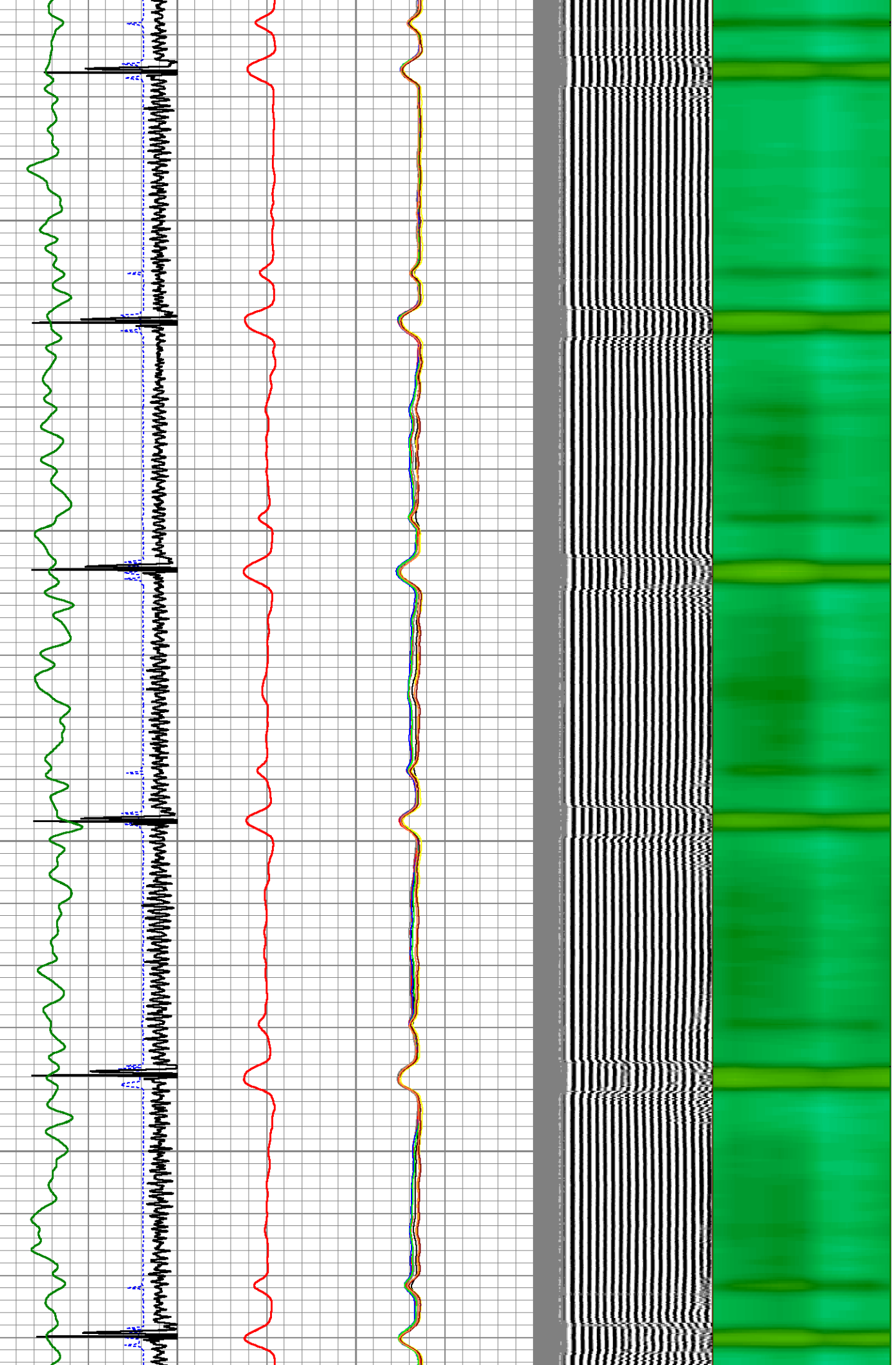
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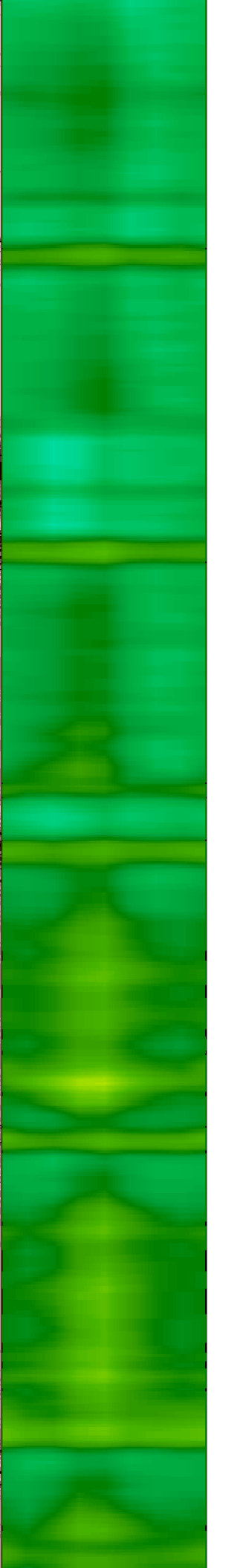
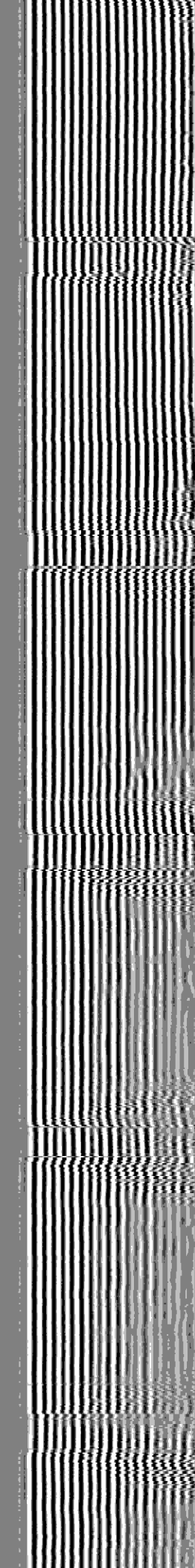
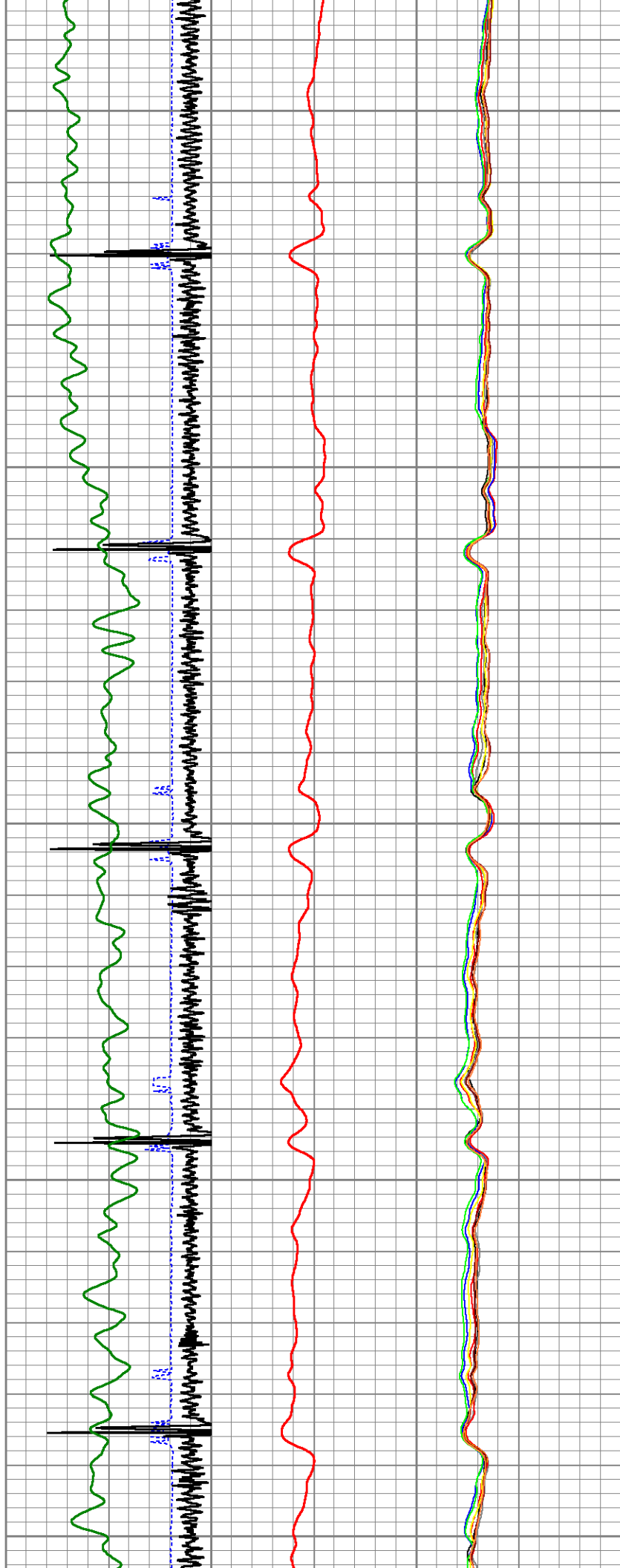
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800



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900  
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1000  
1050

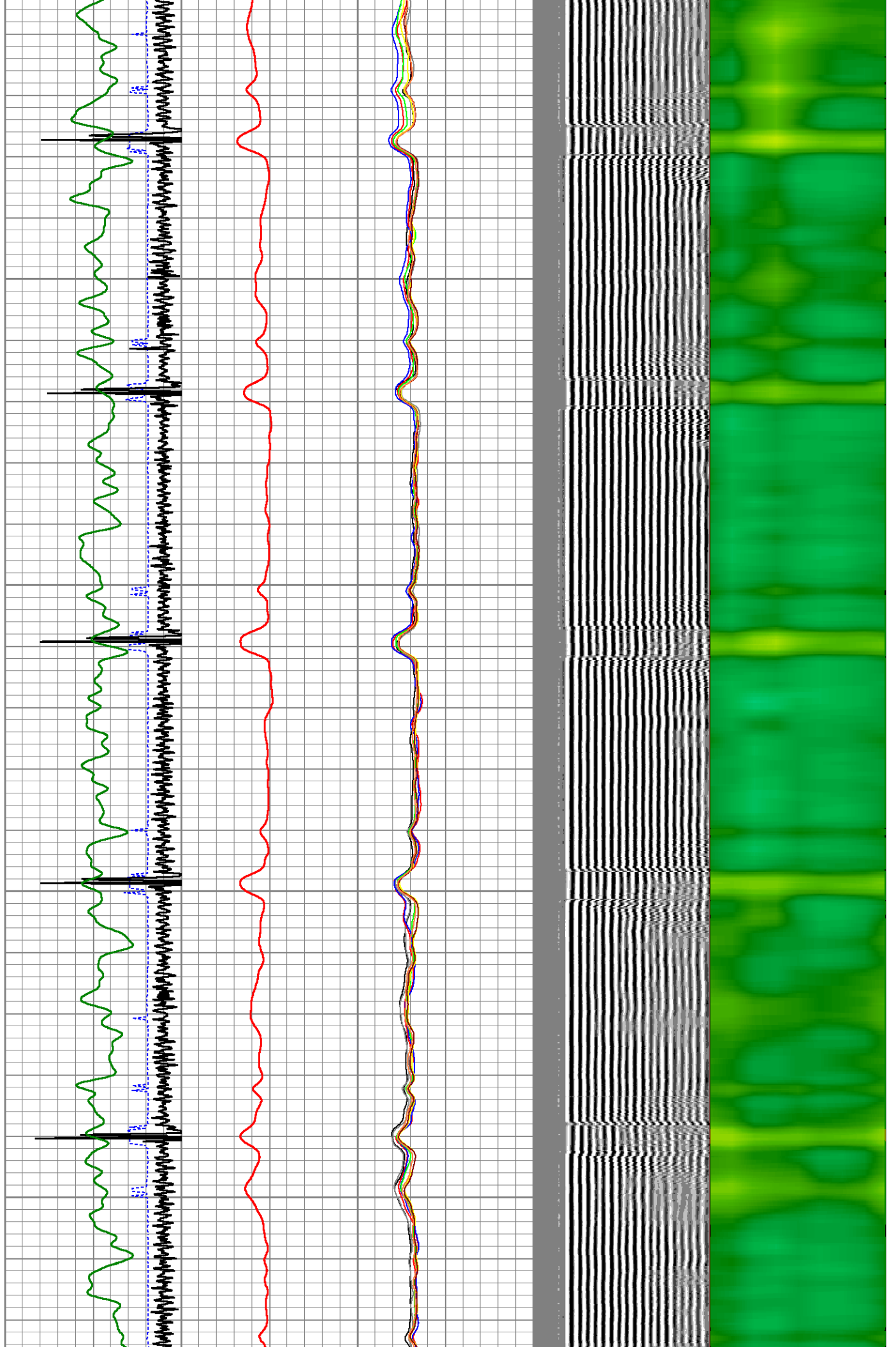


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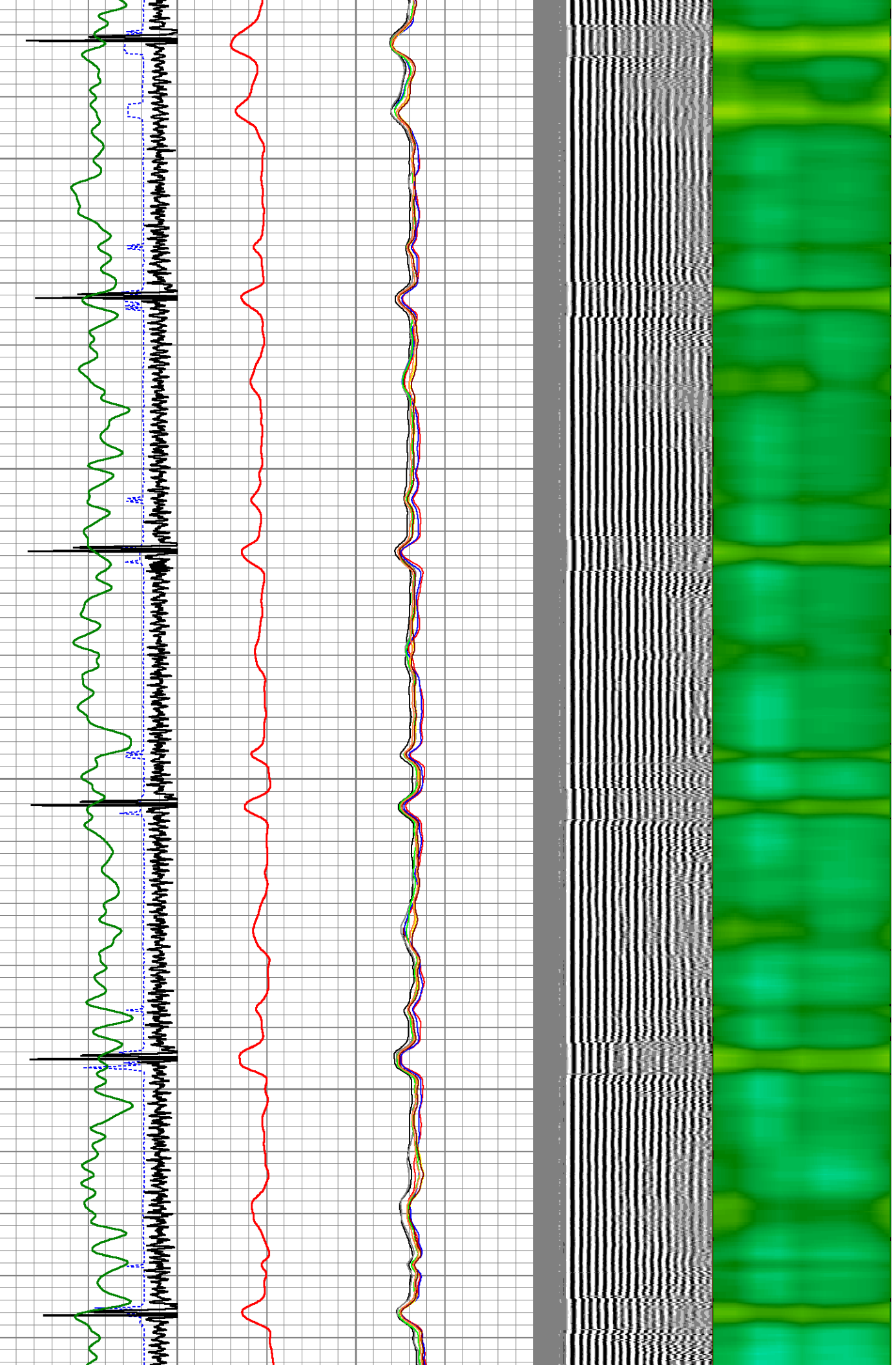


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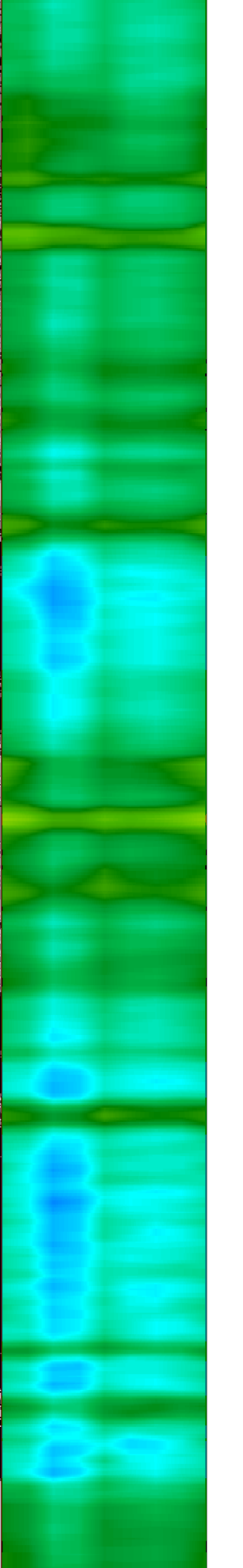
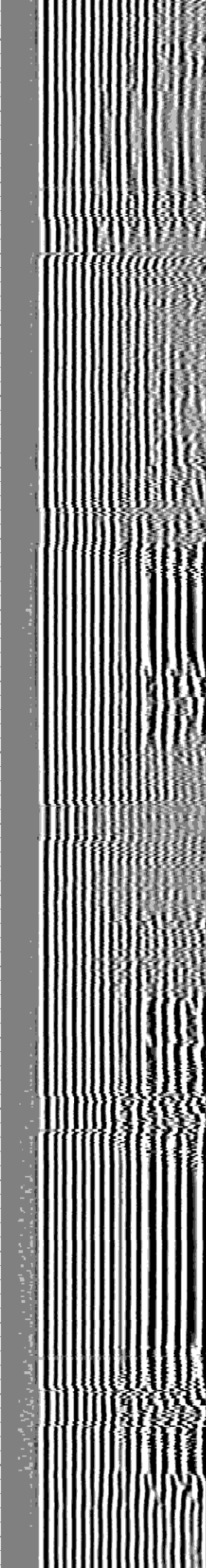
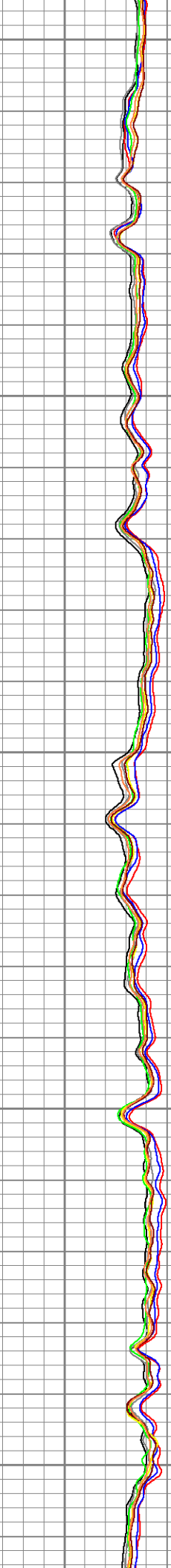
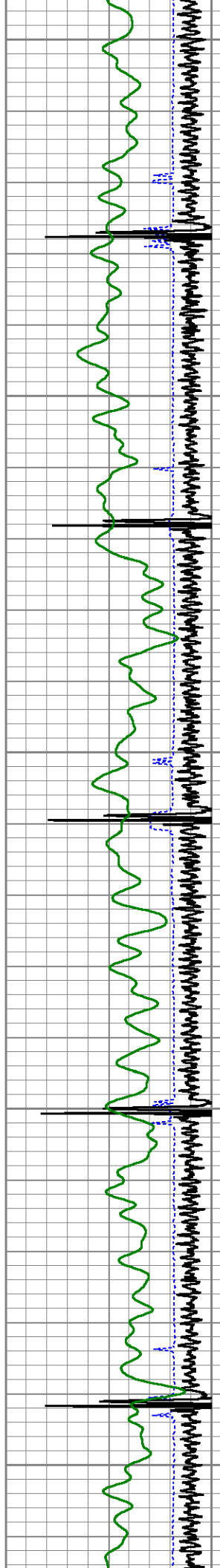
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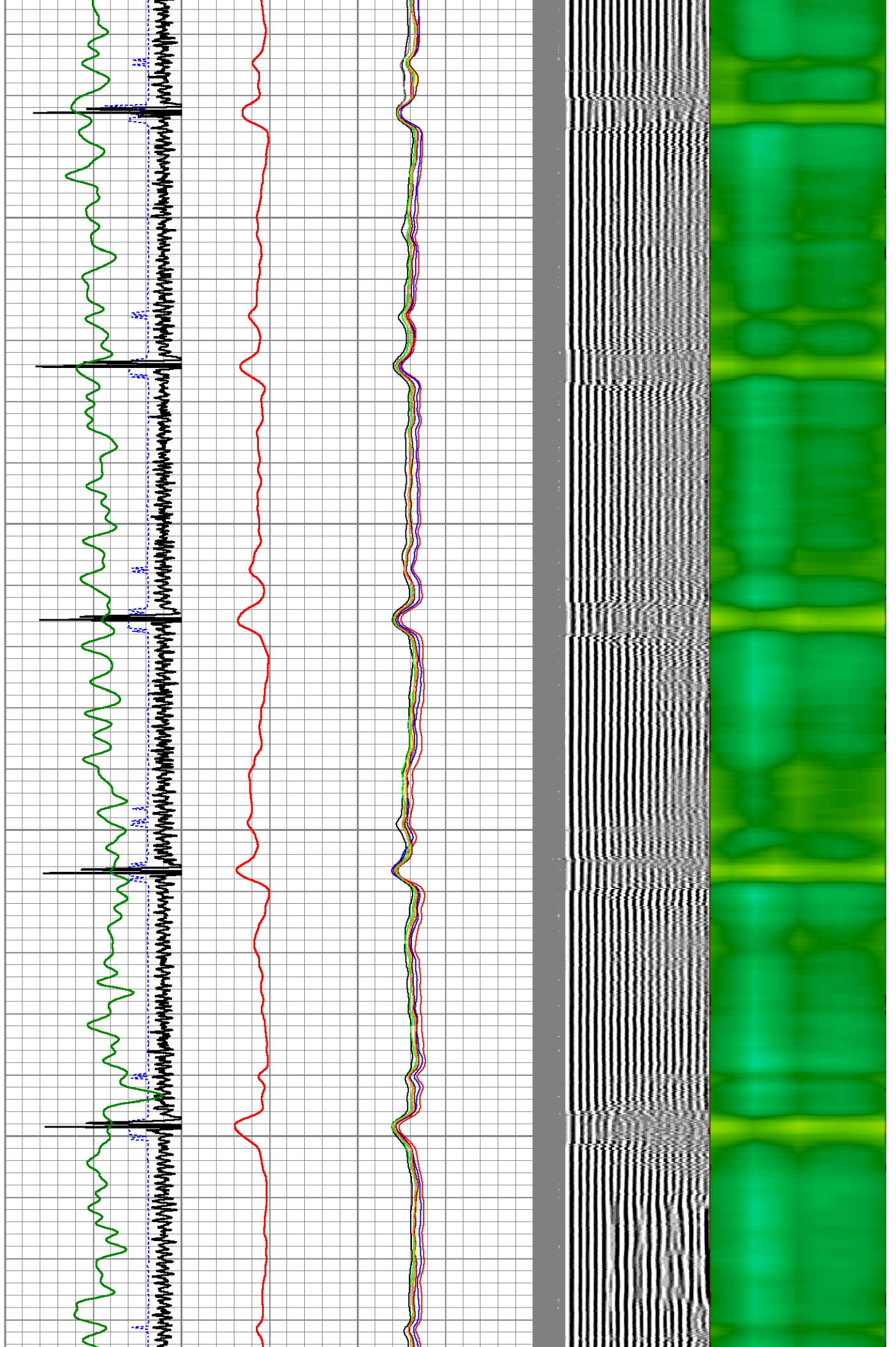


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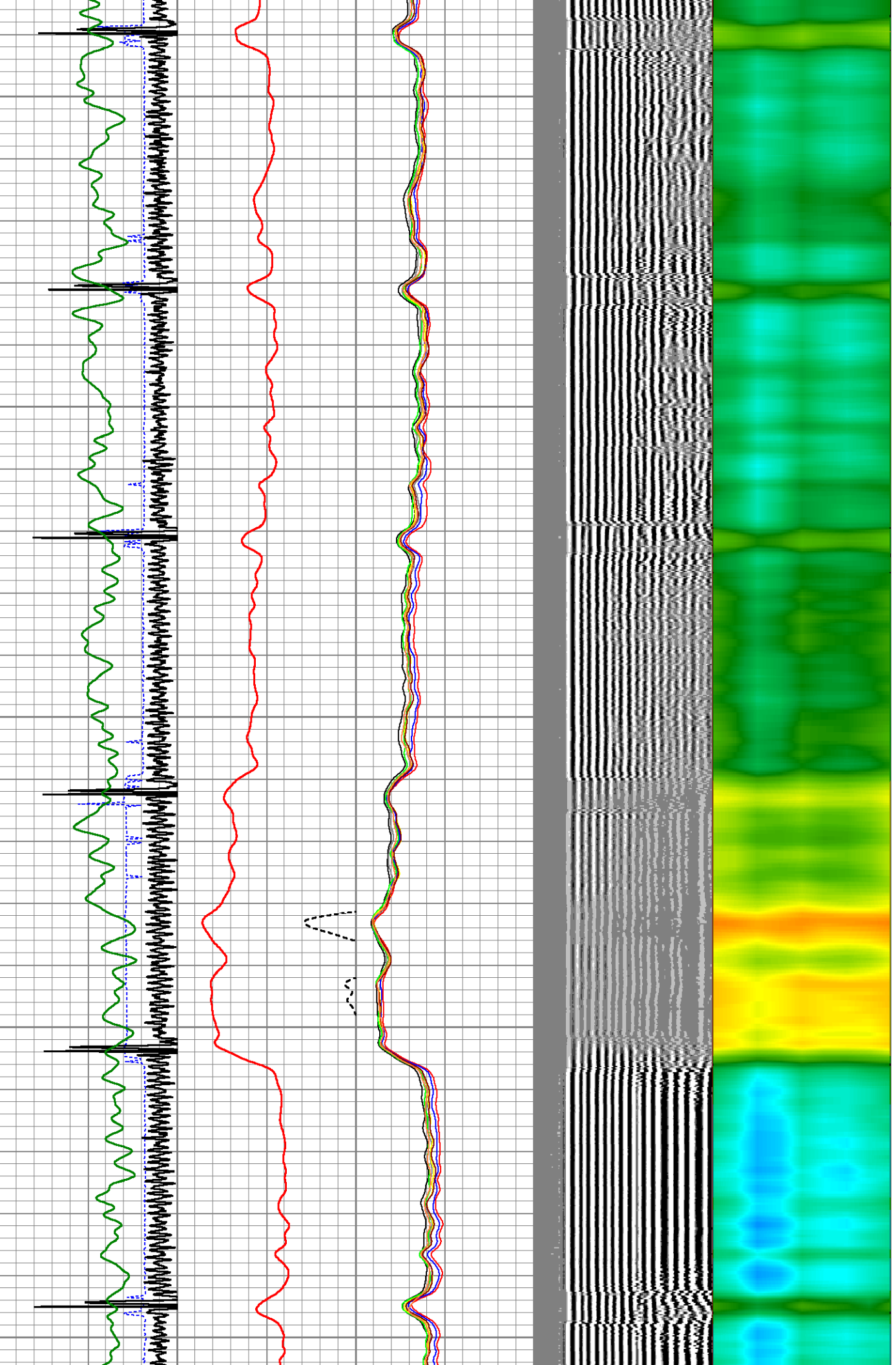
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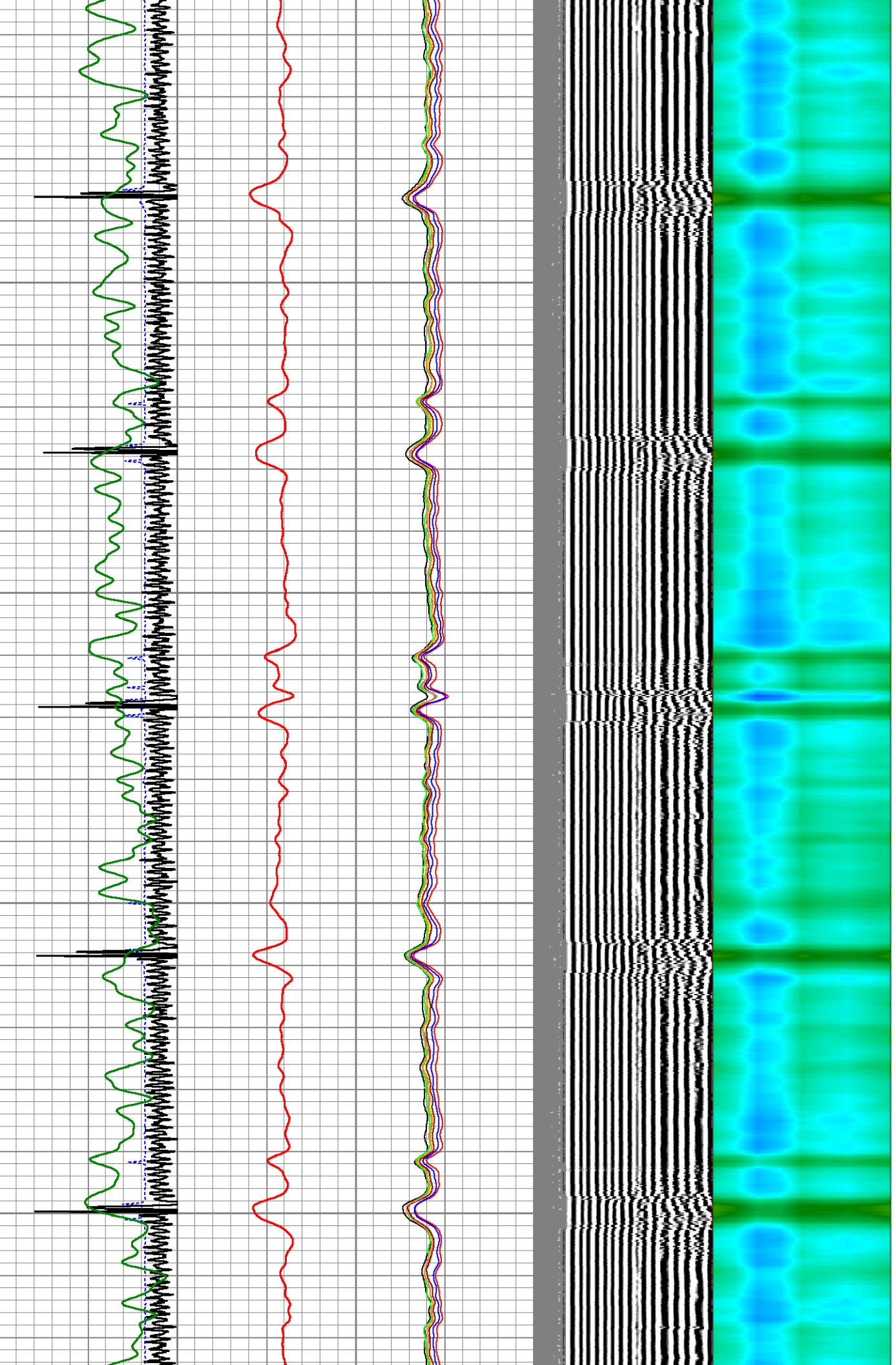


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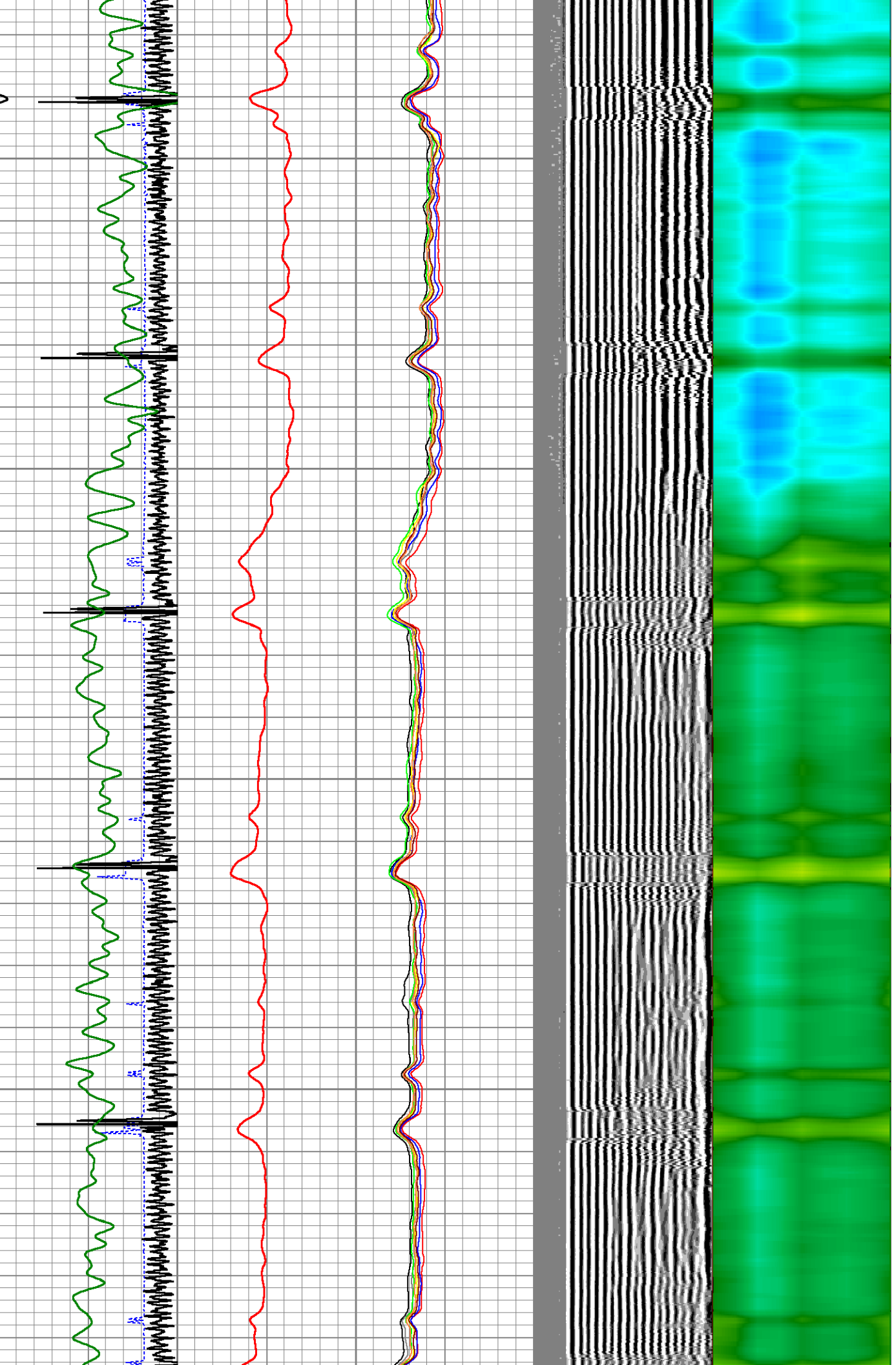


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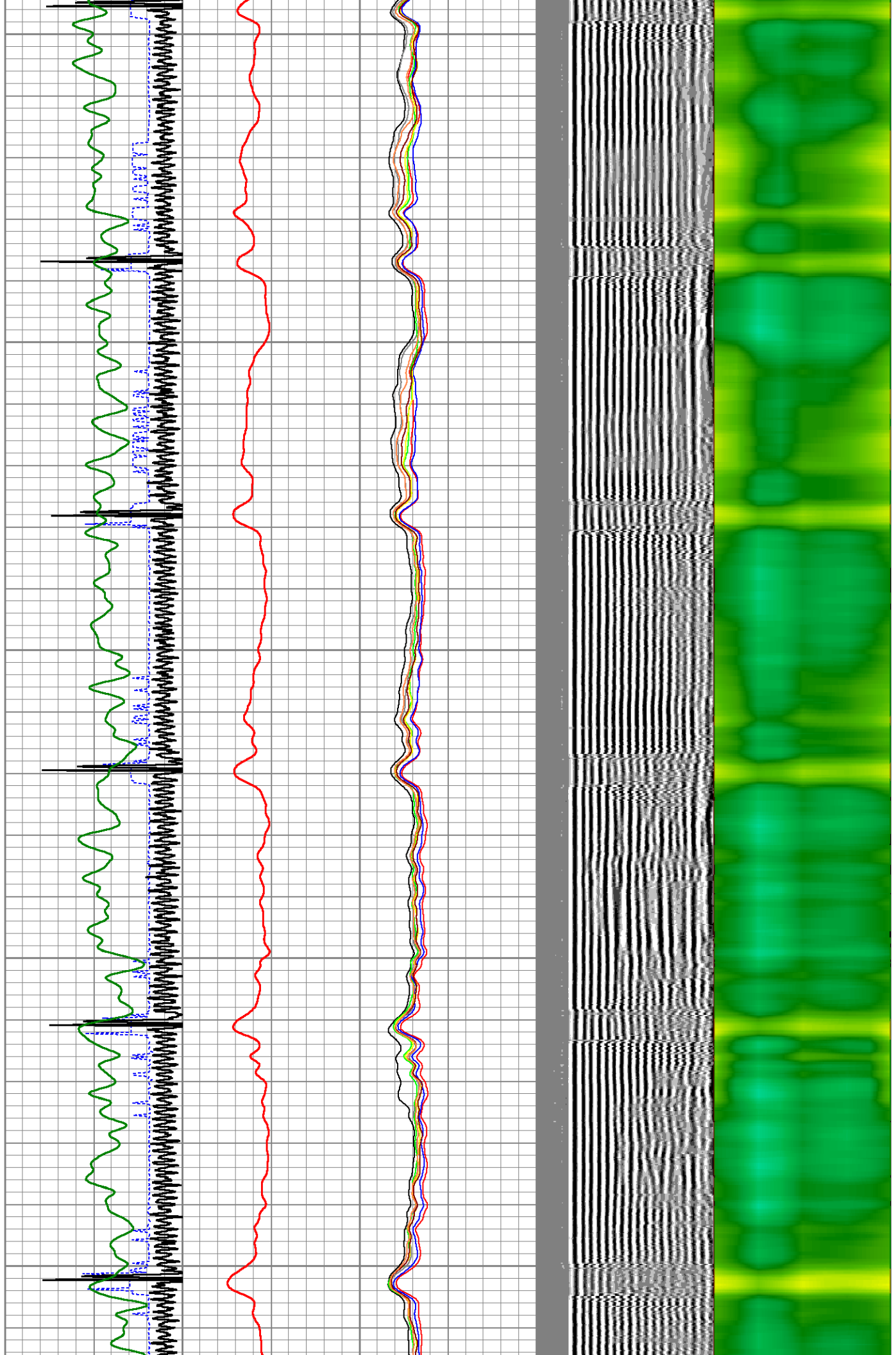
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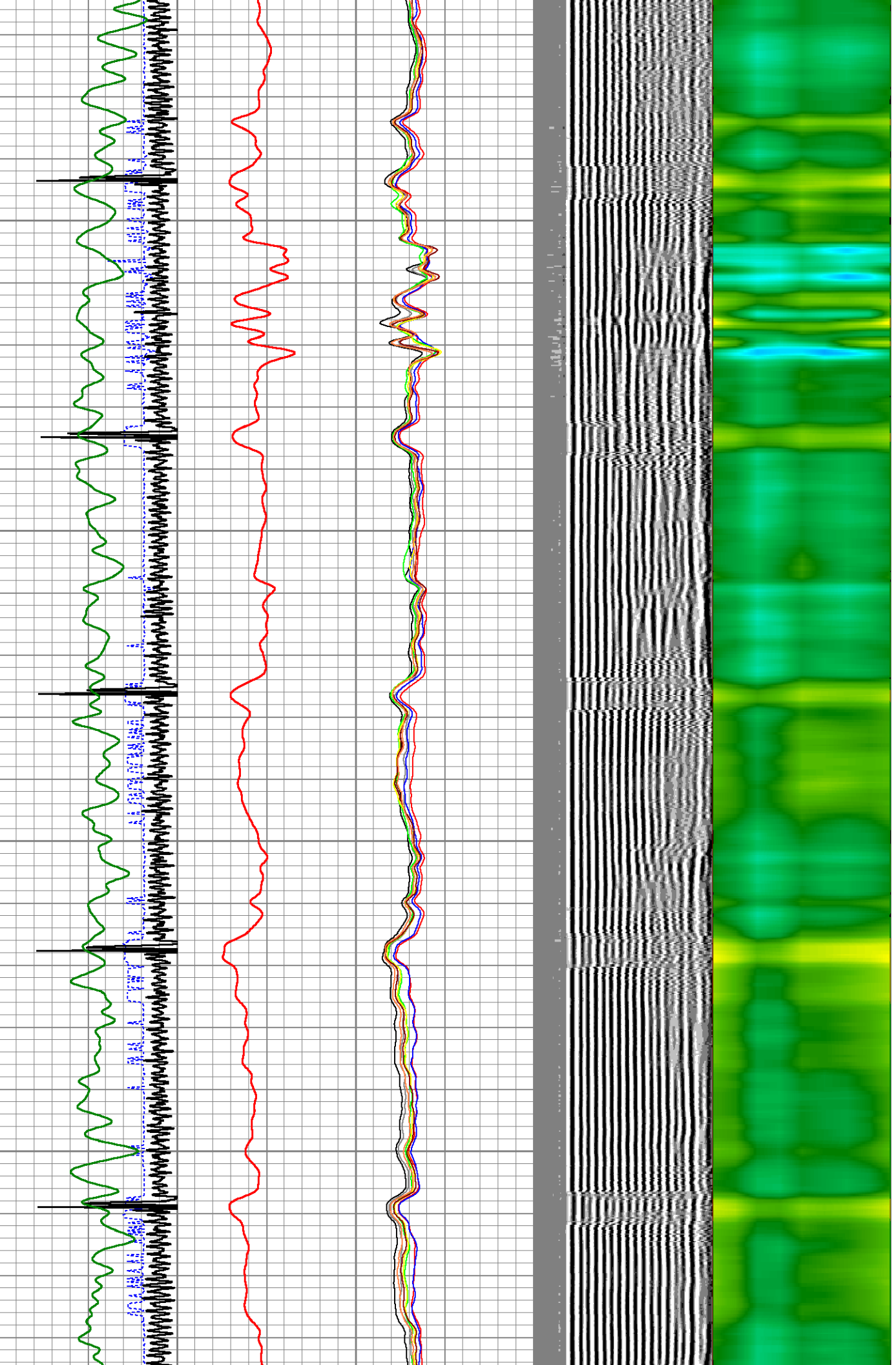


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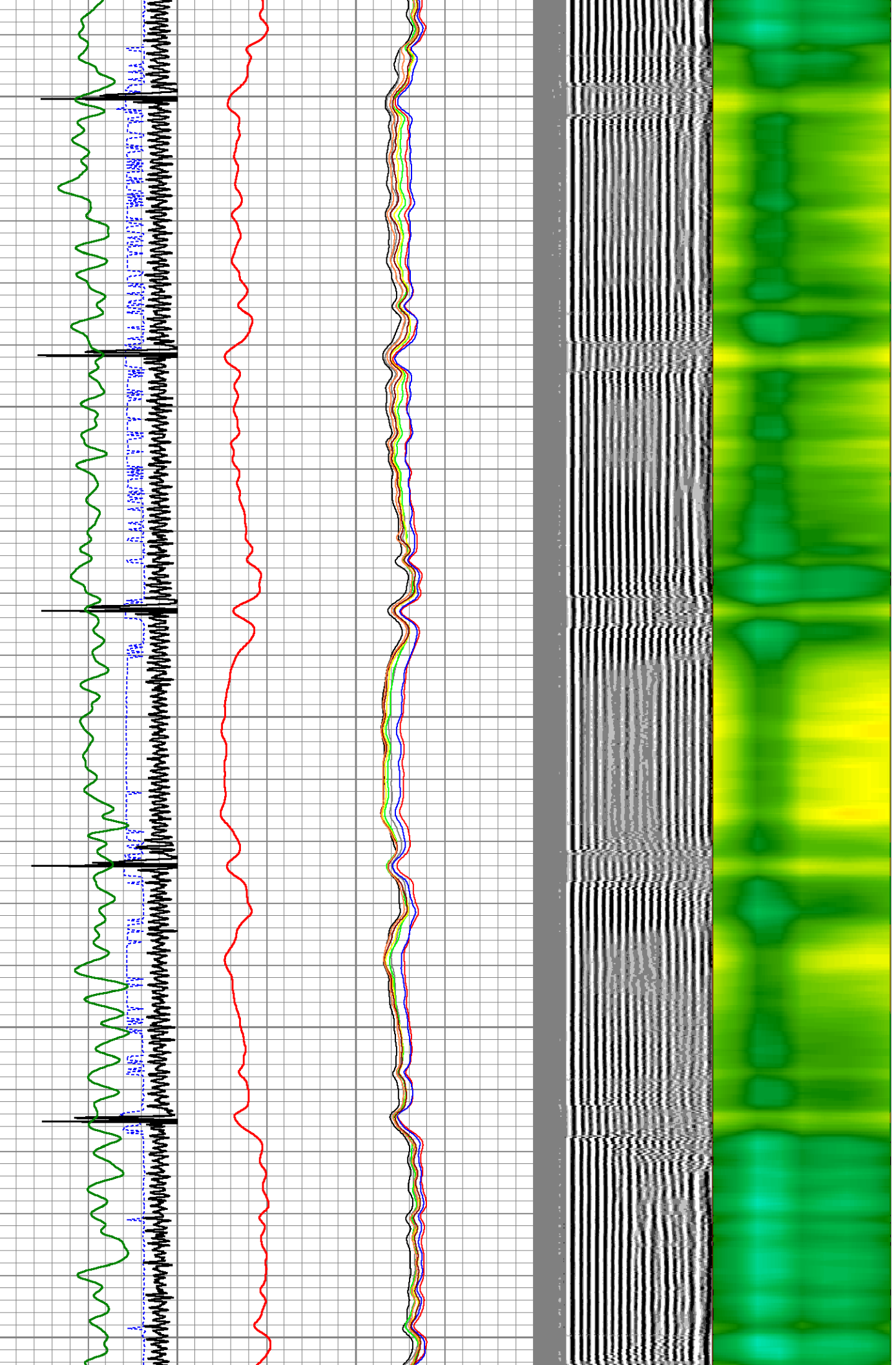
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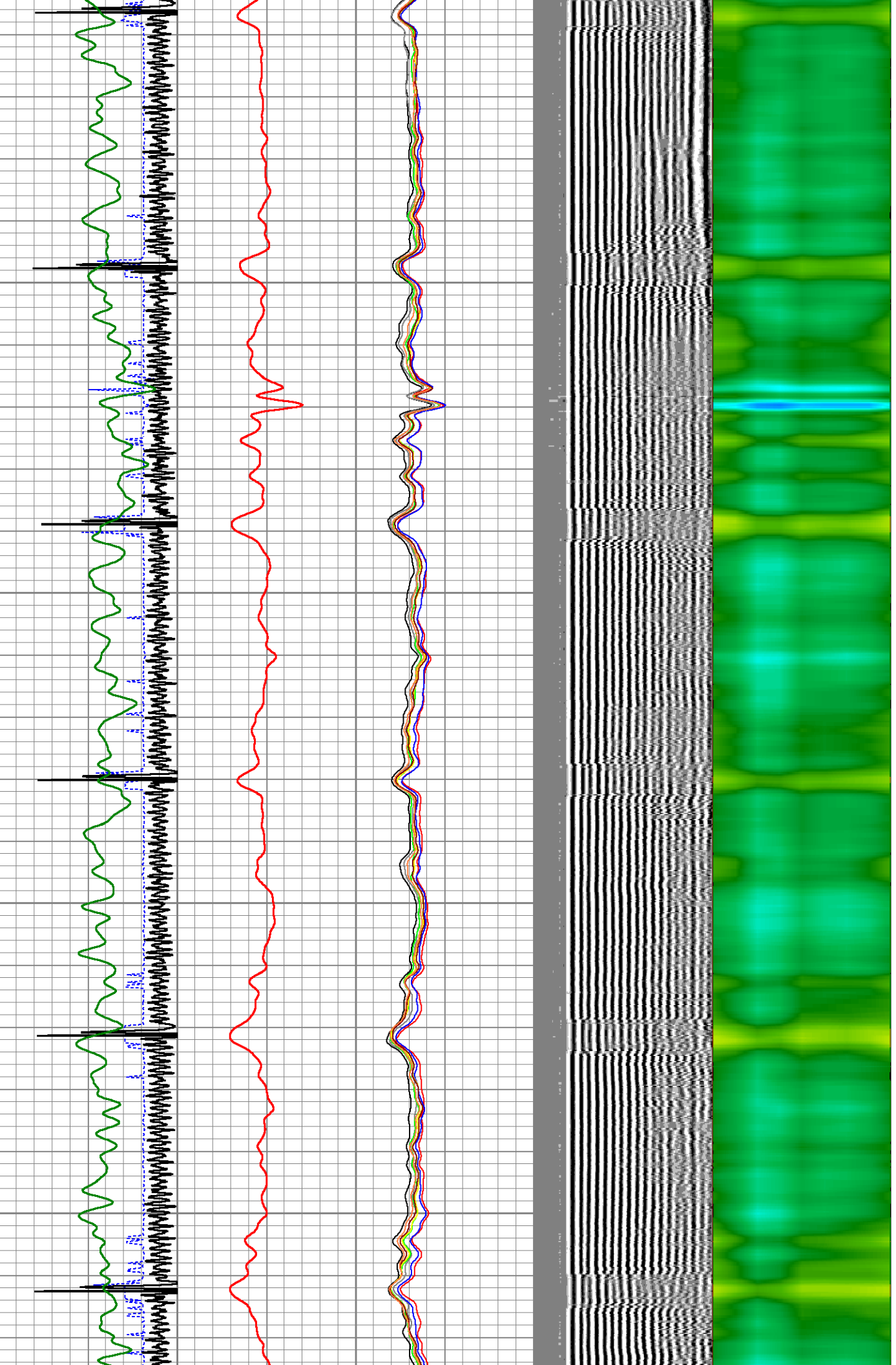


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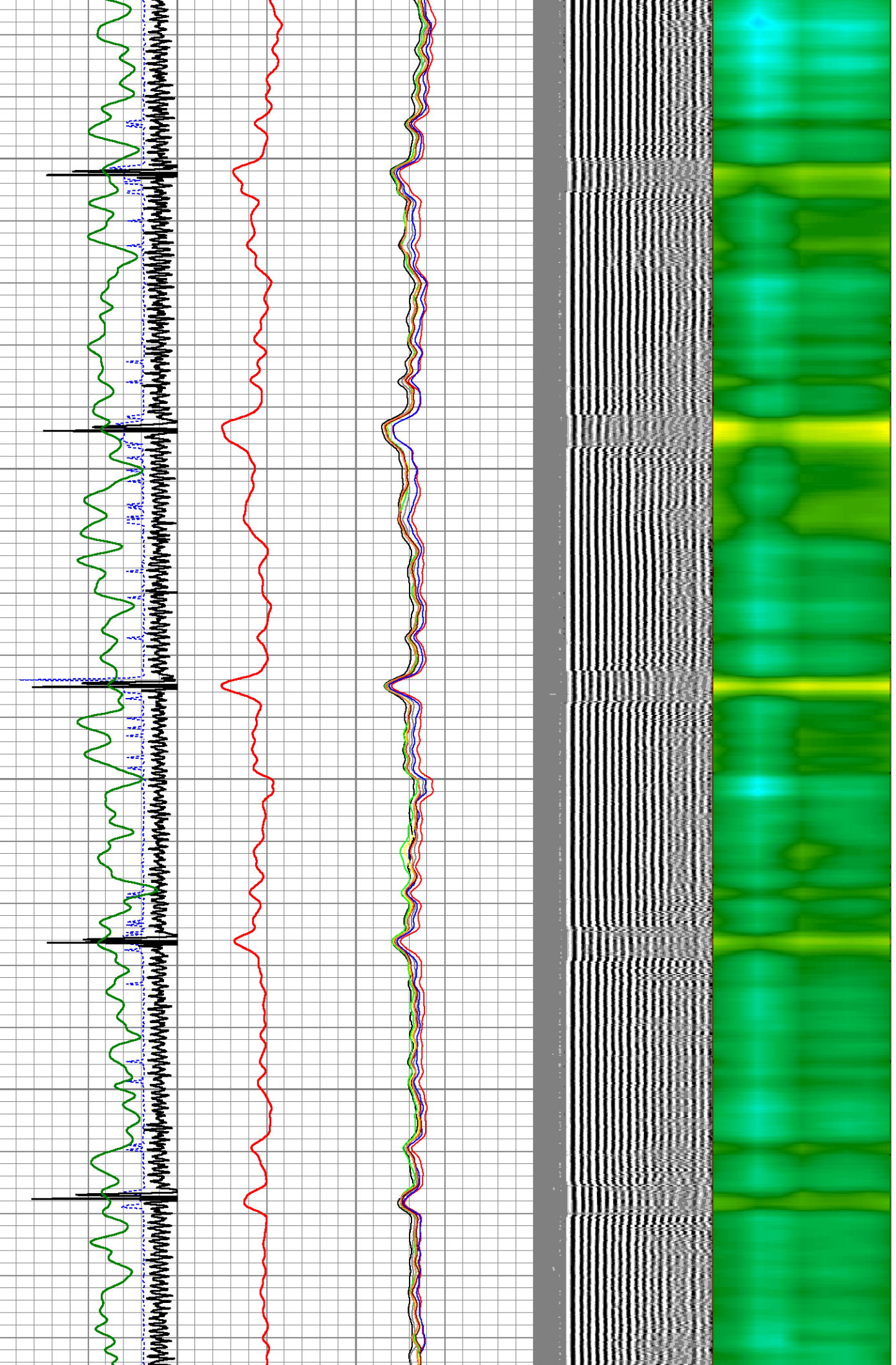


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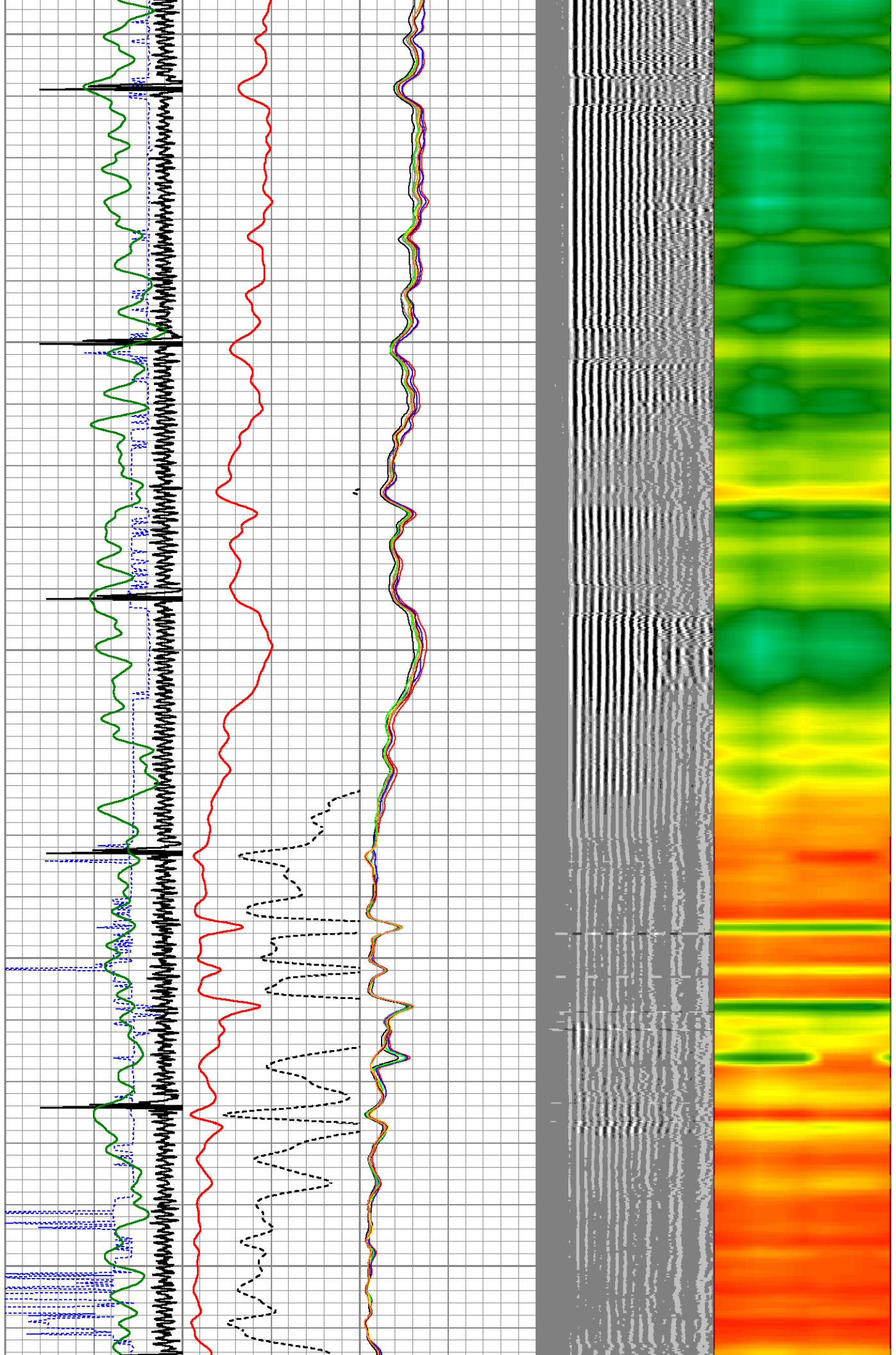
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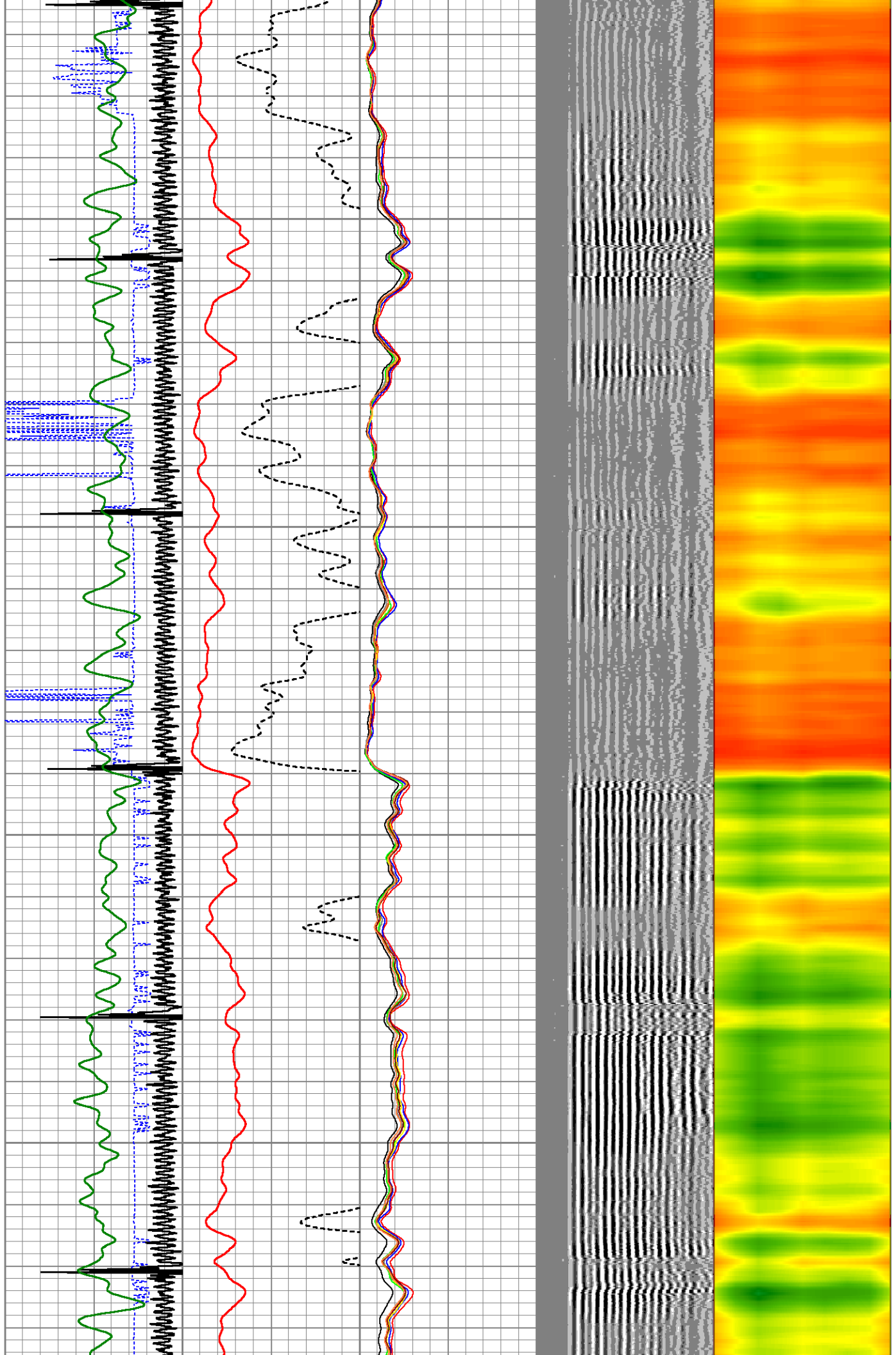


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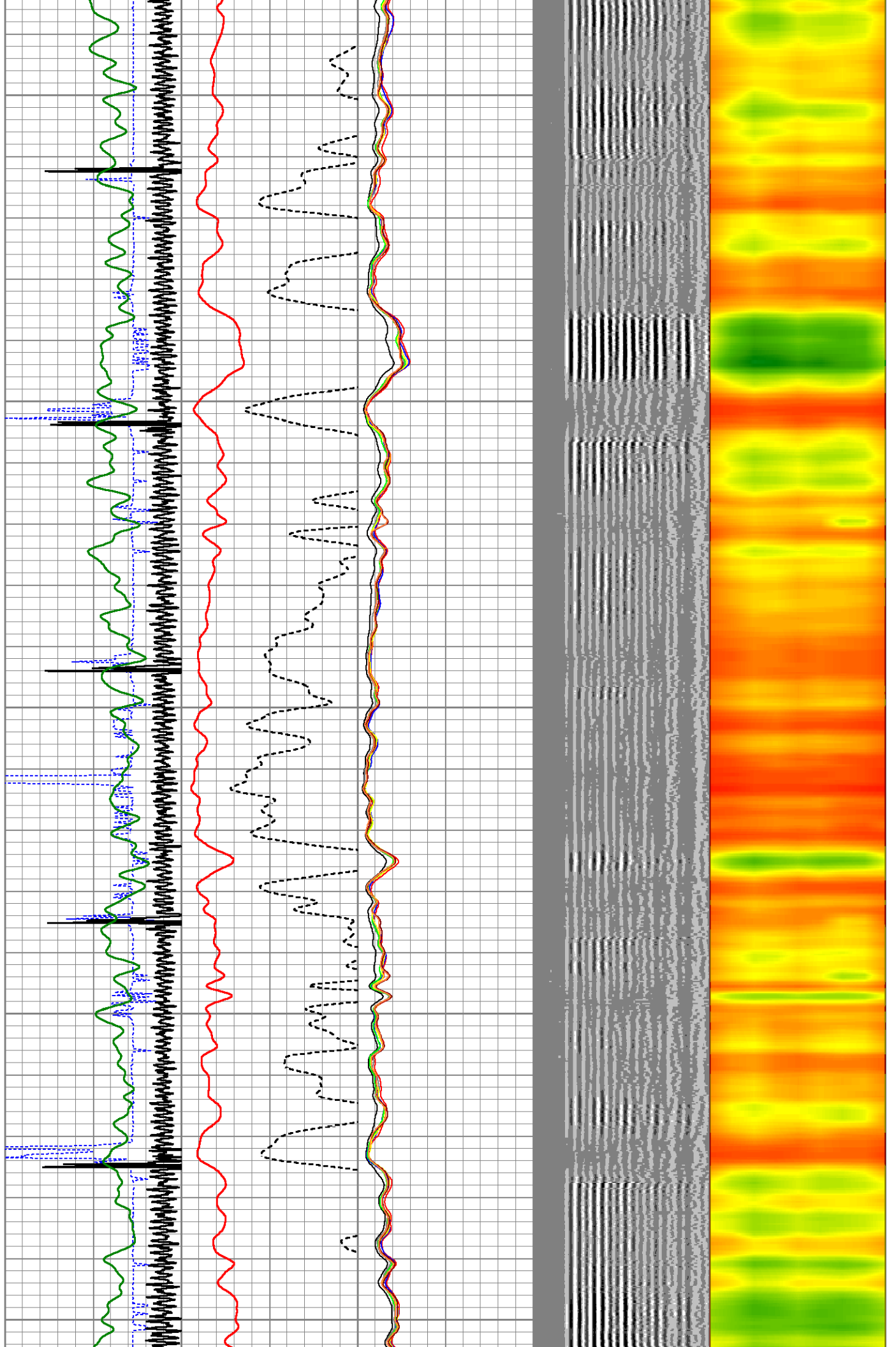
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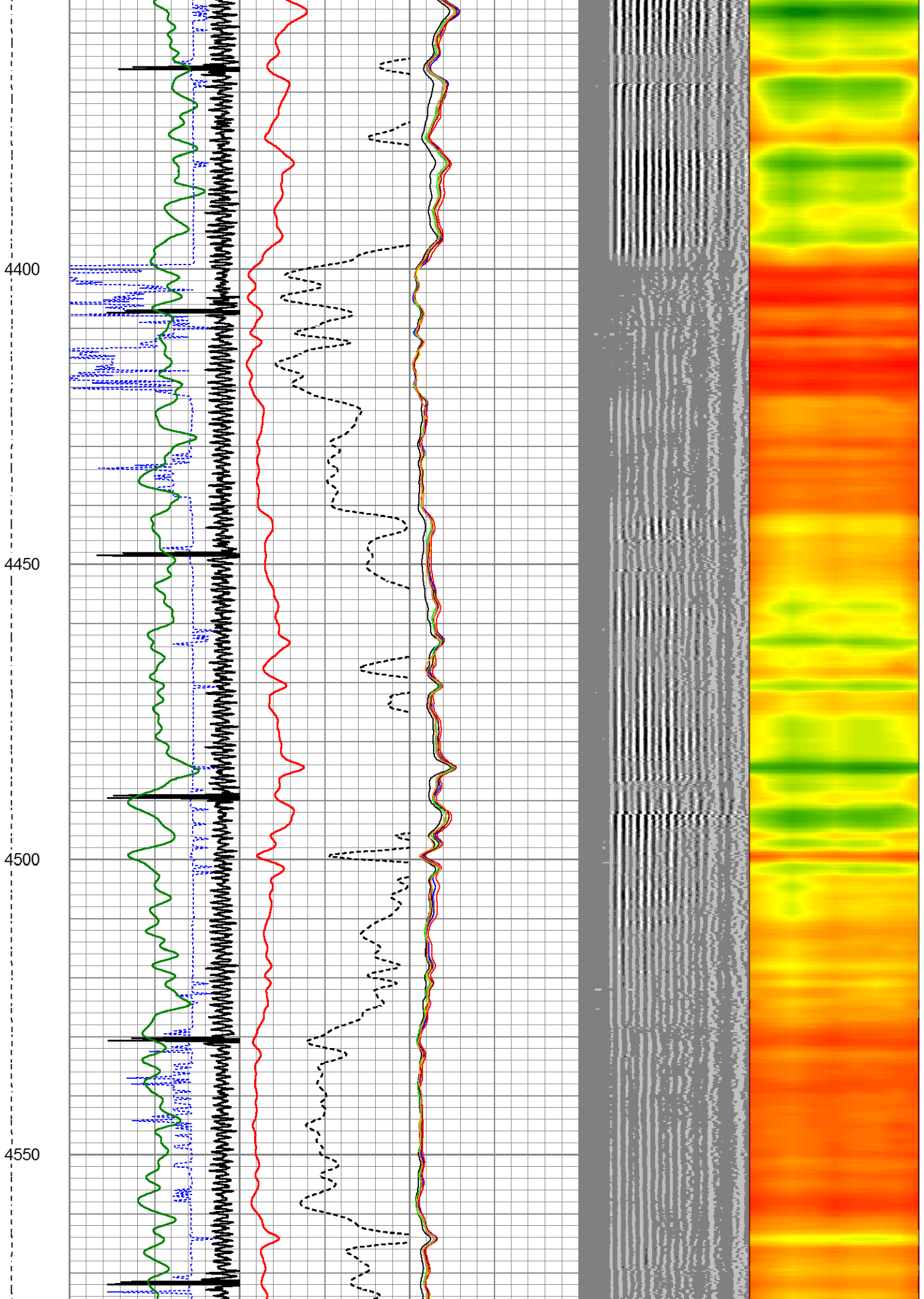
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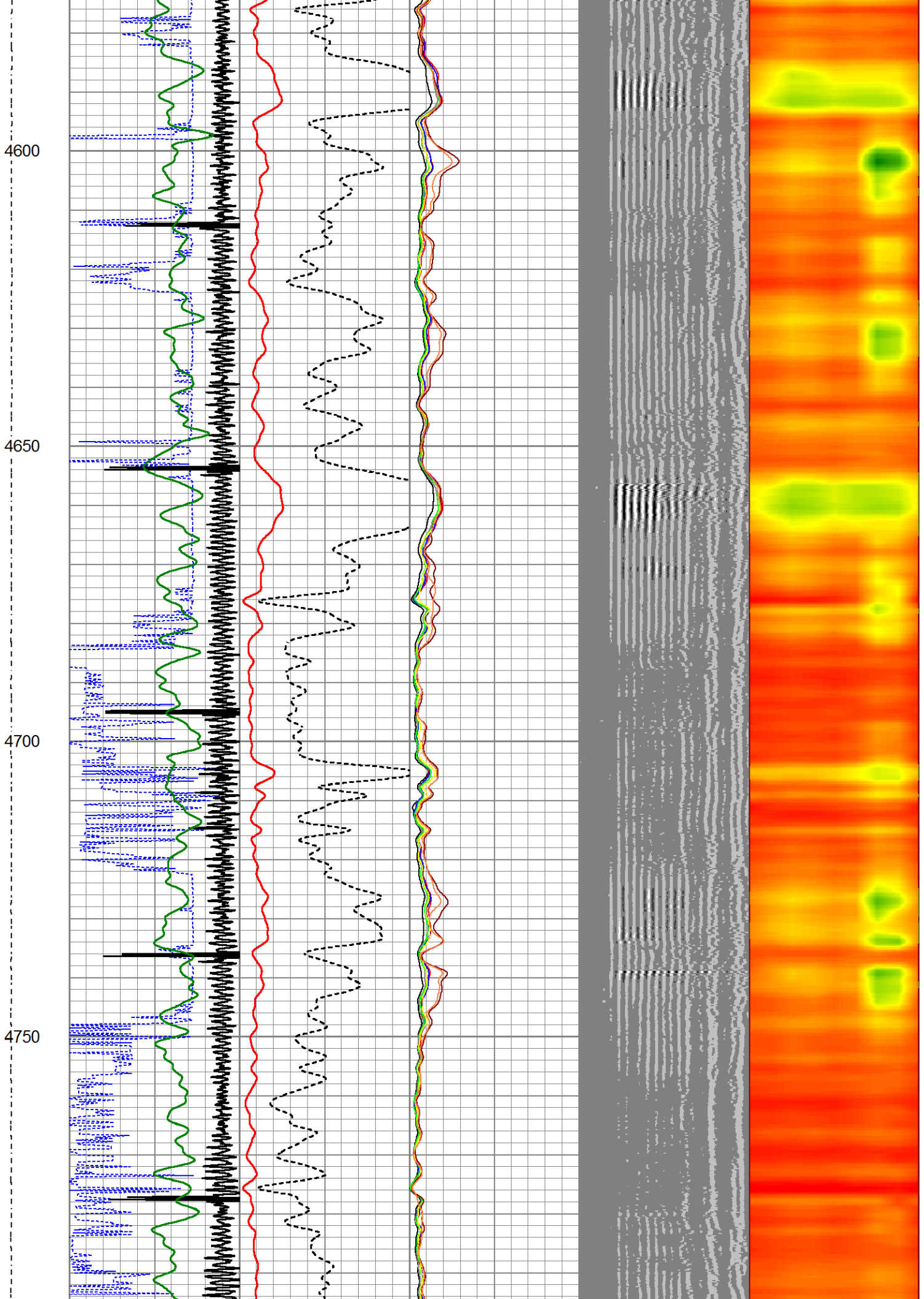
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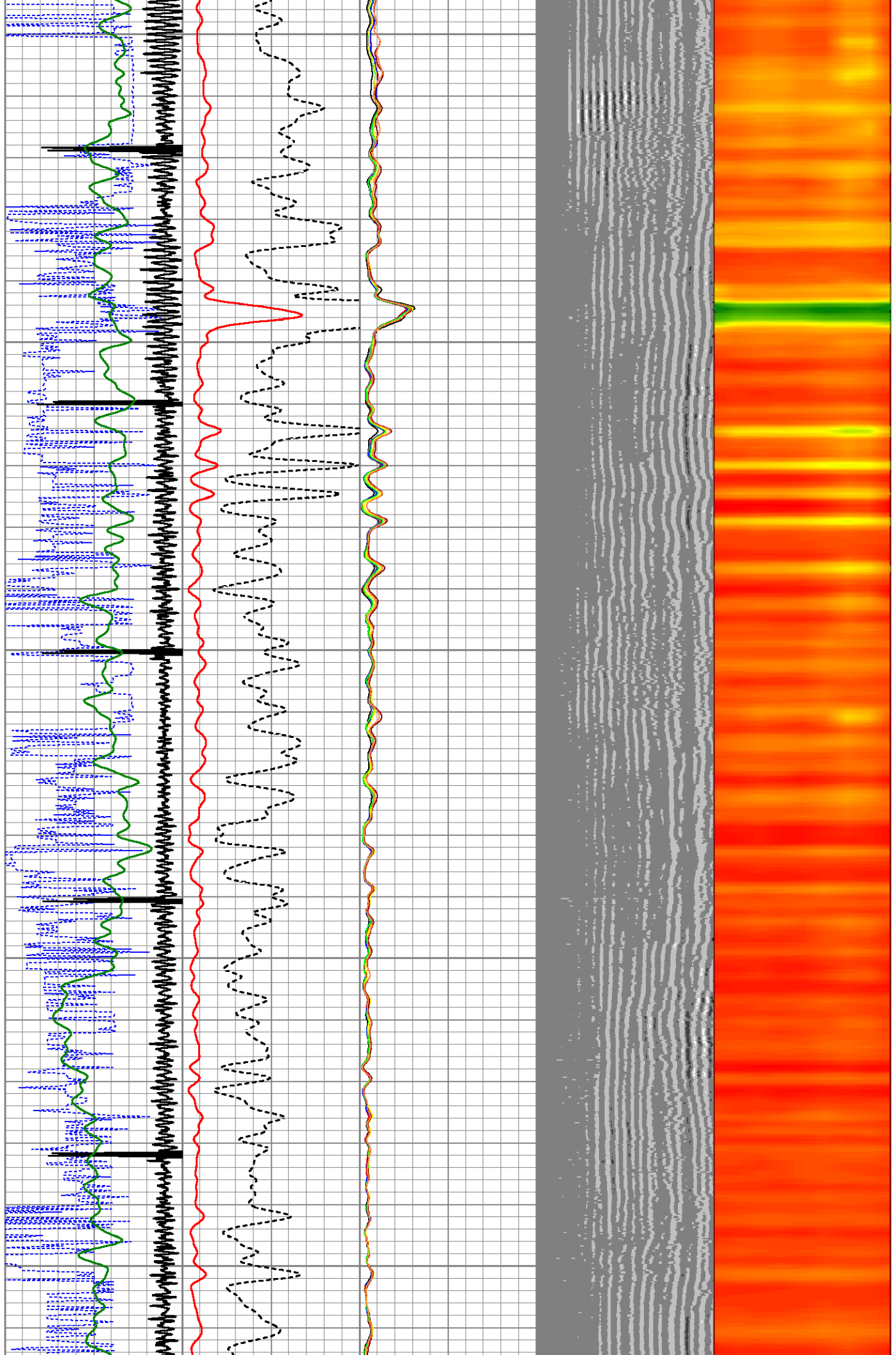
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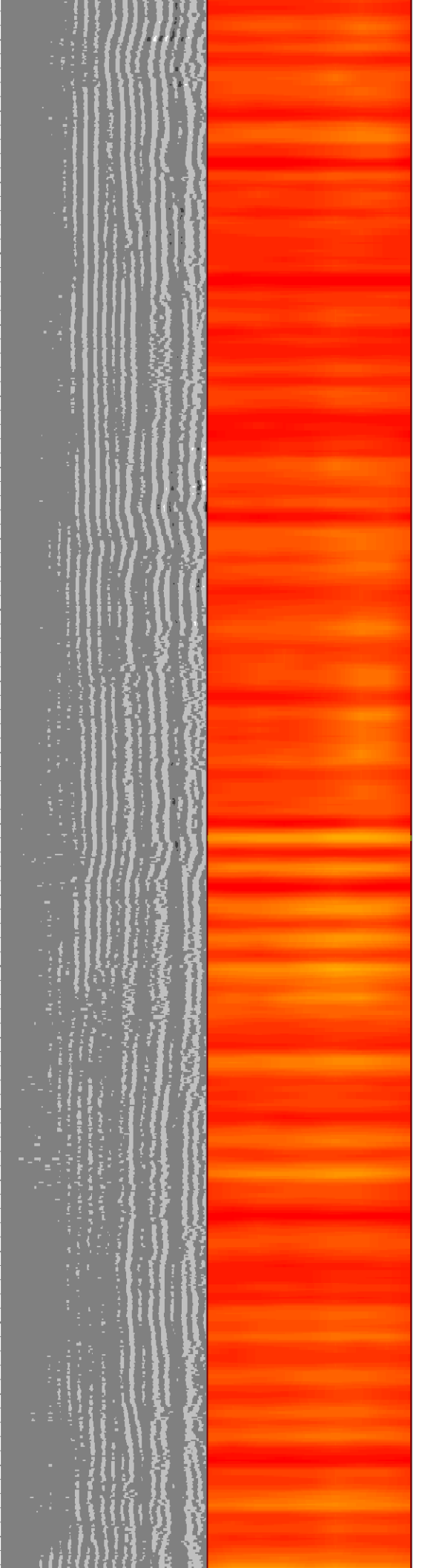
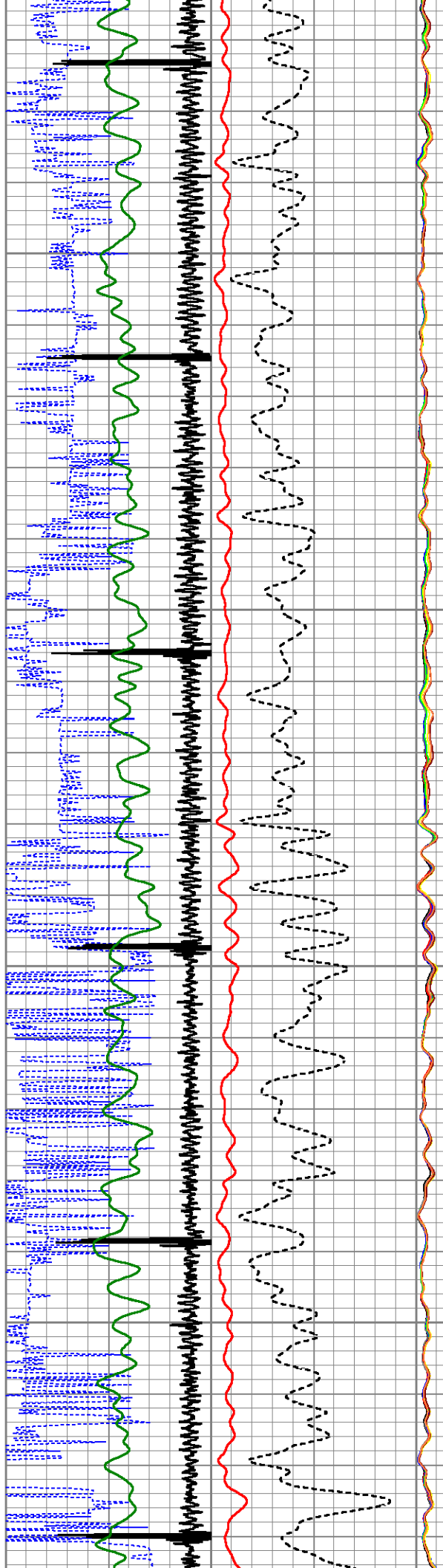




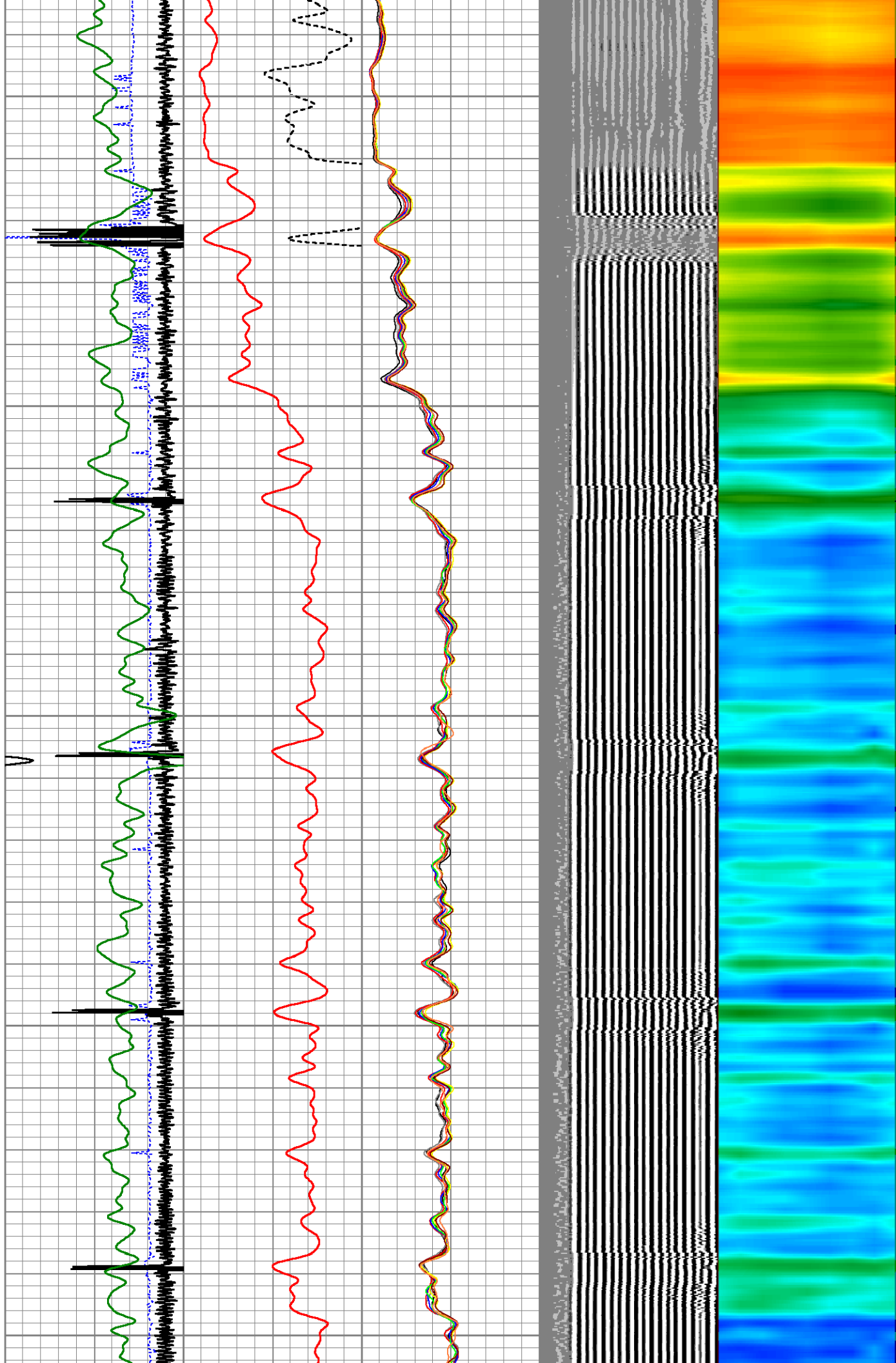
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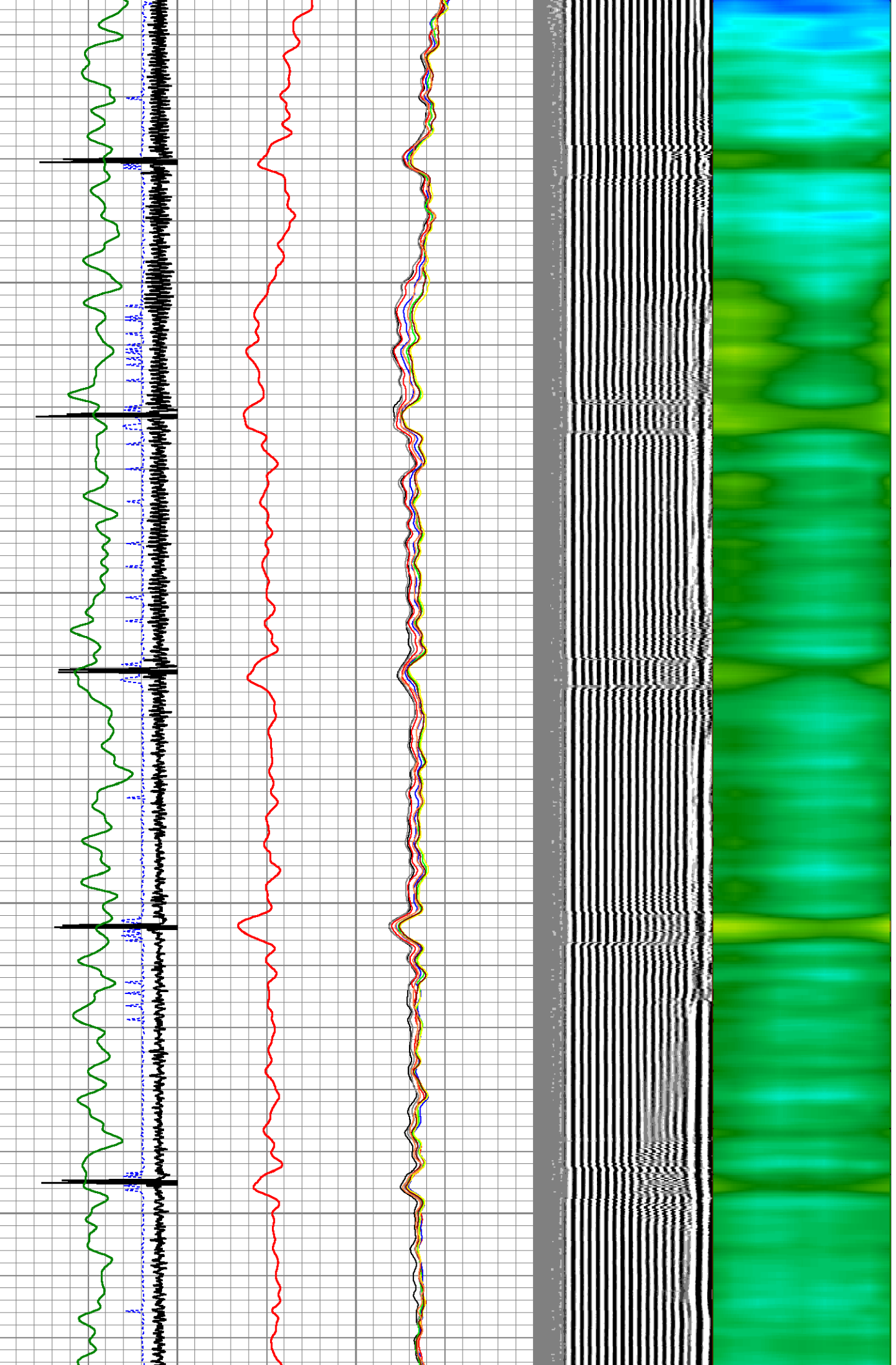


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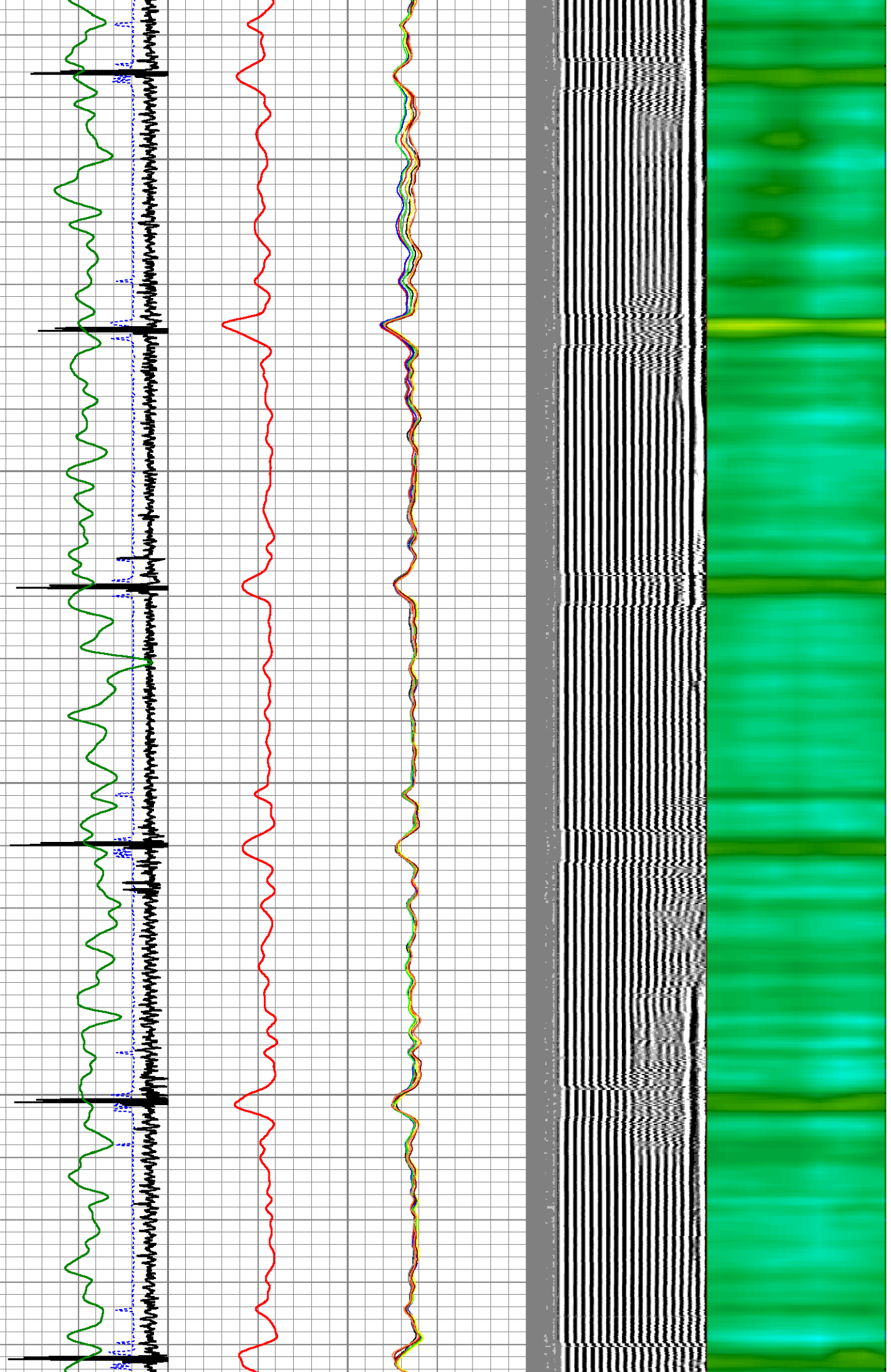


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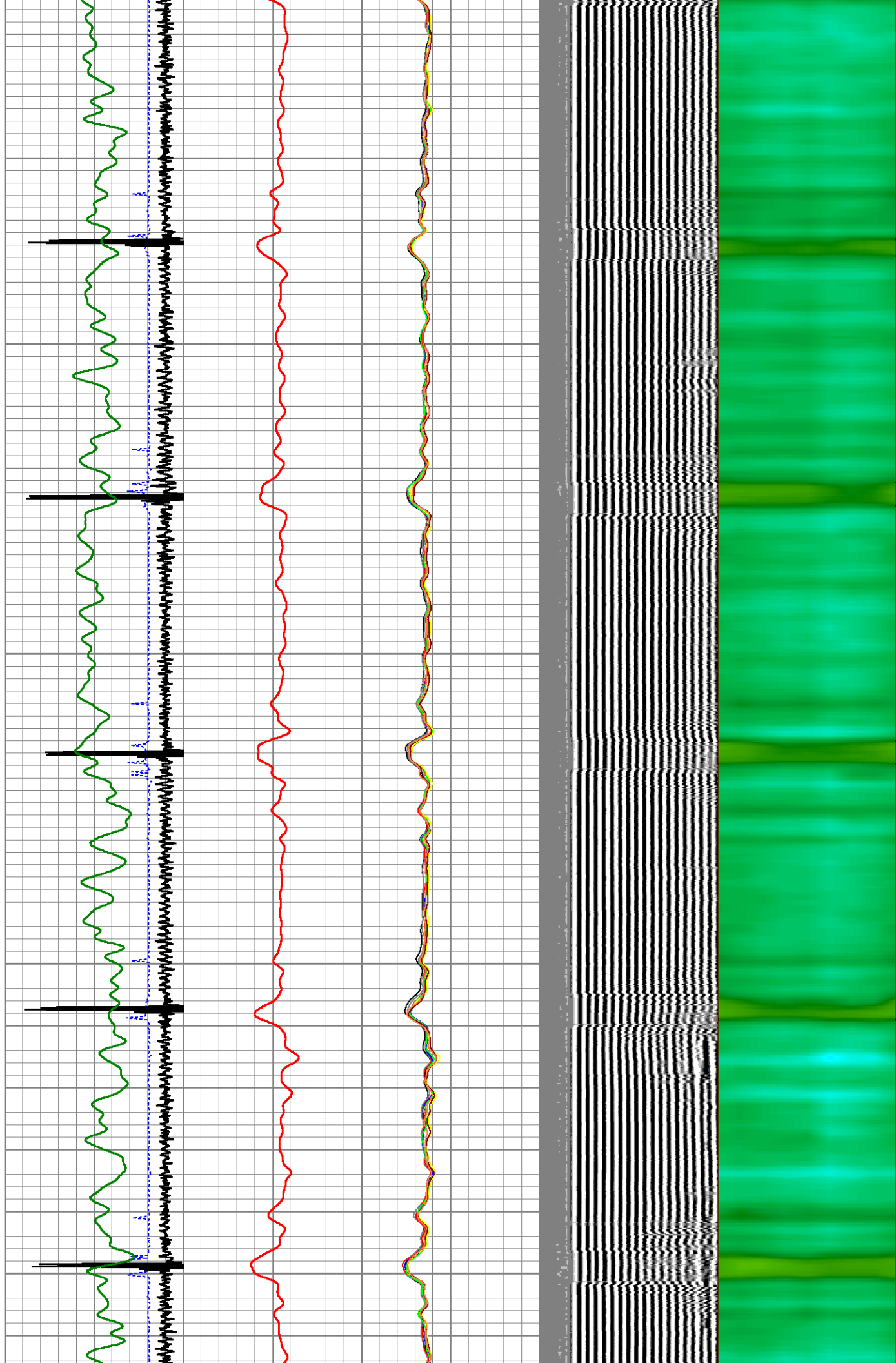
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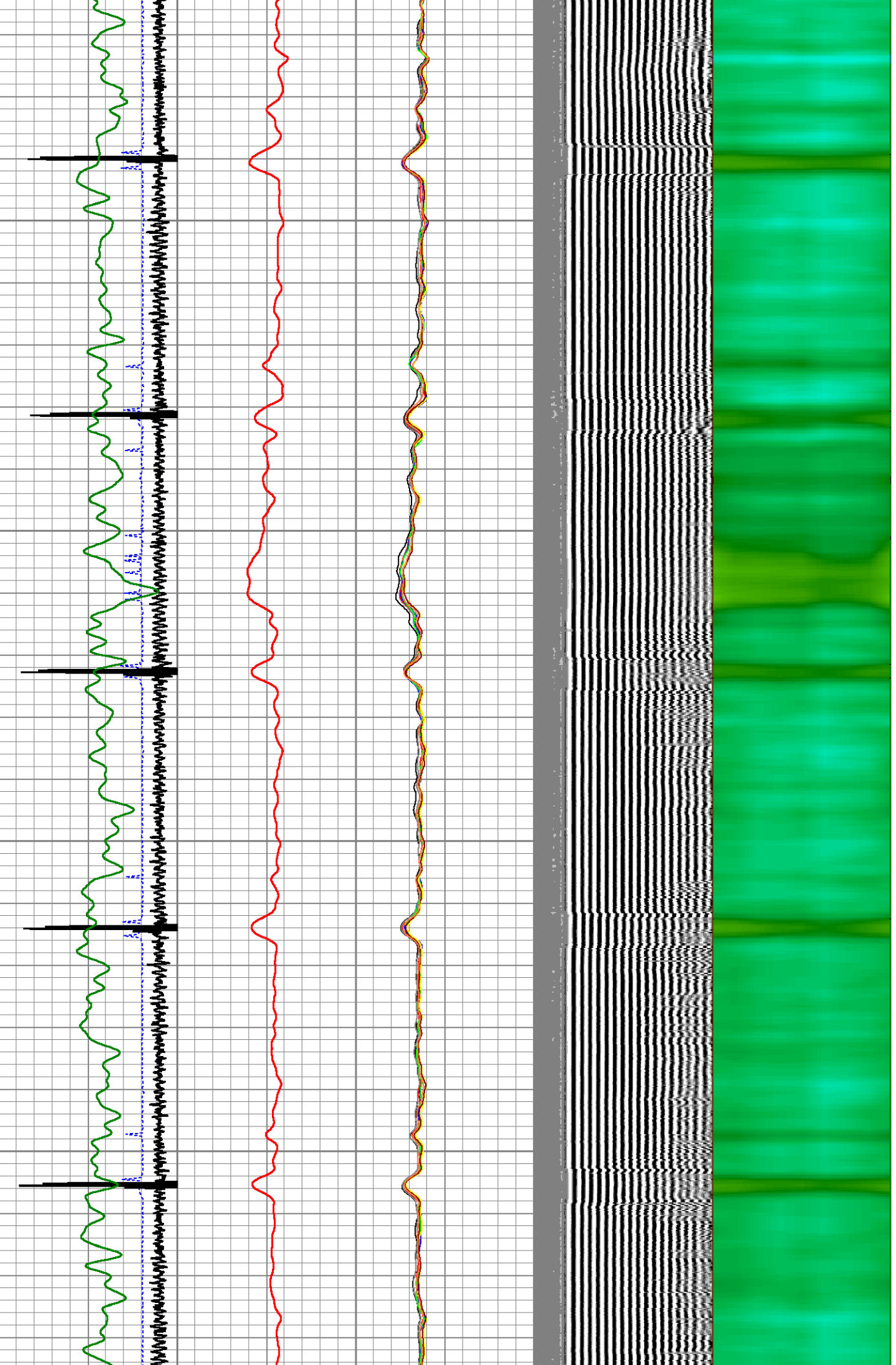


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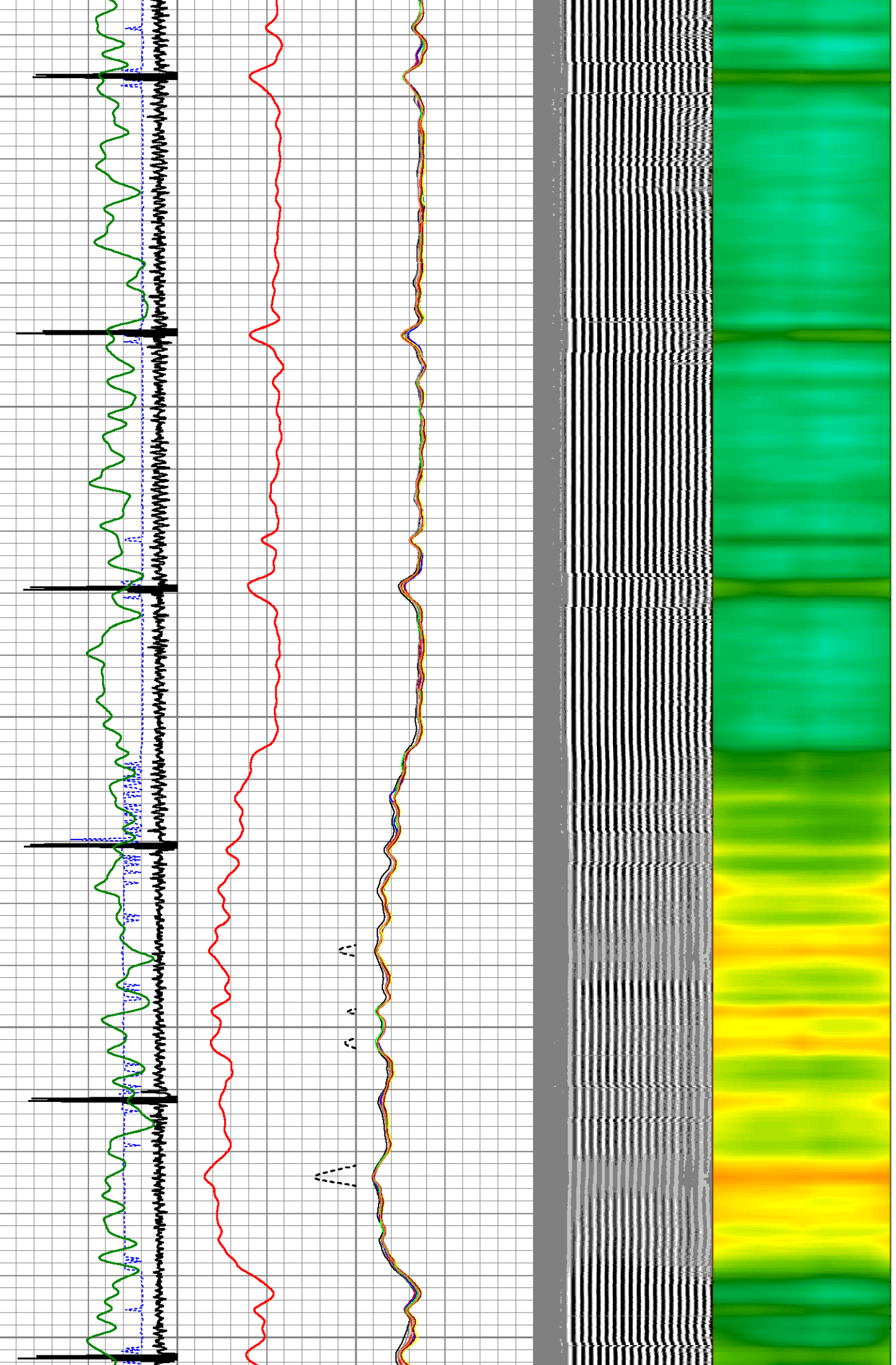
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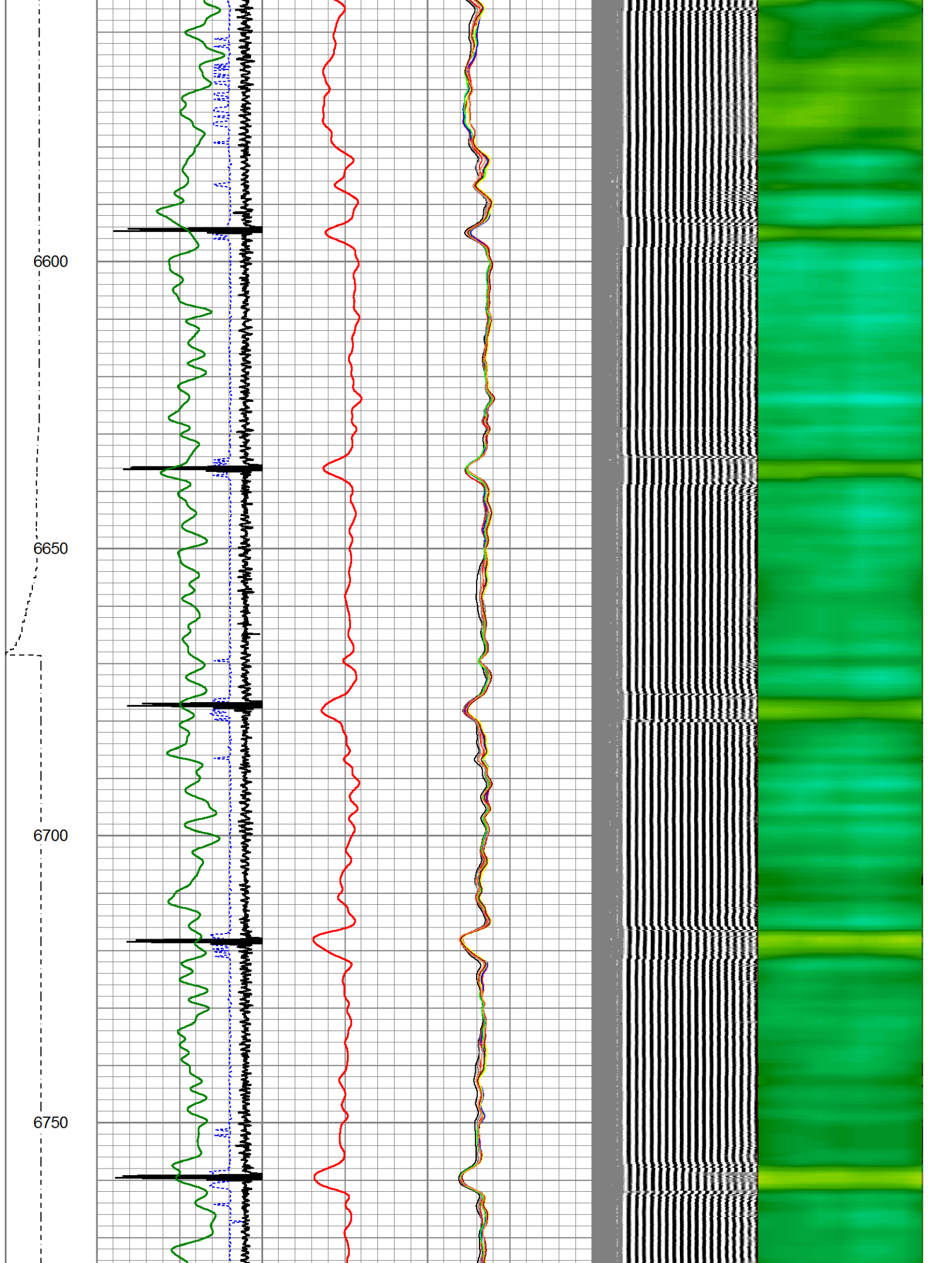
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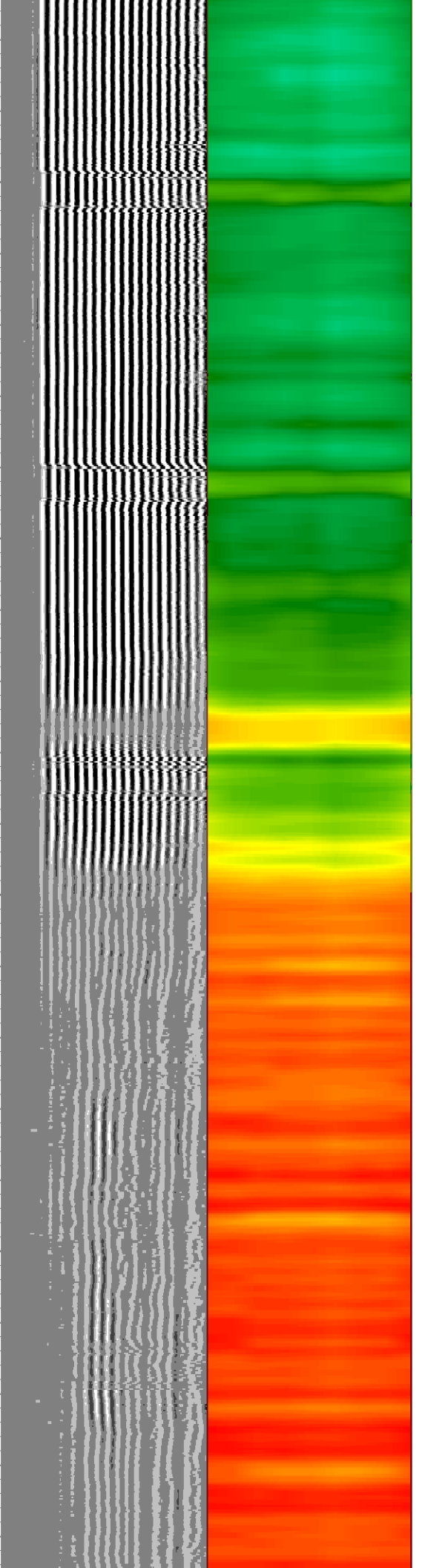
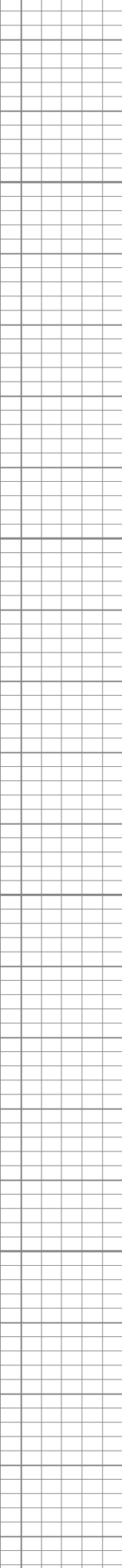
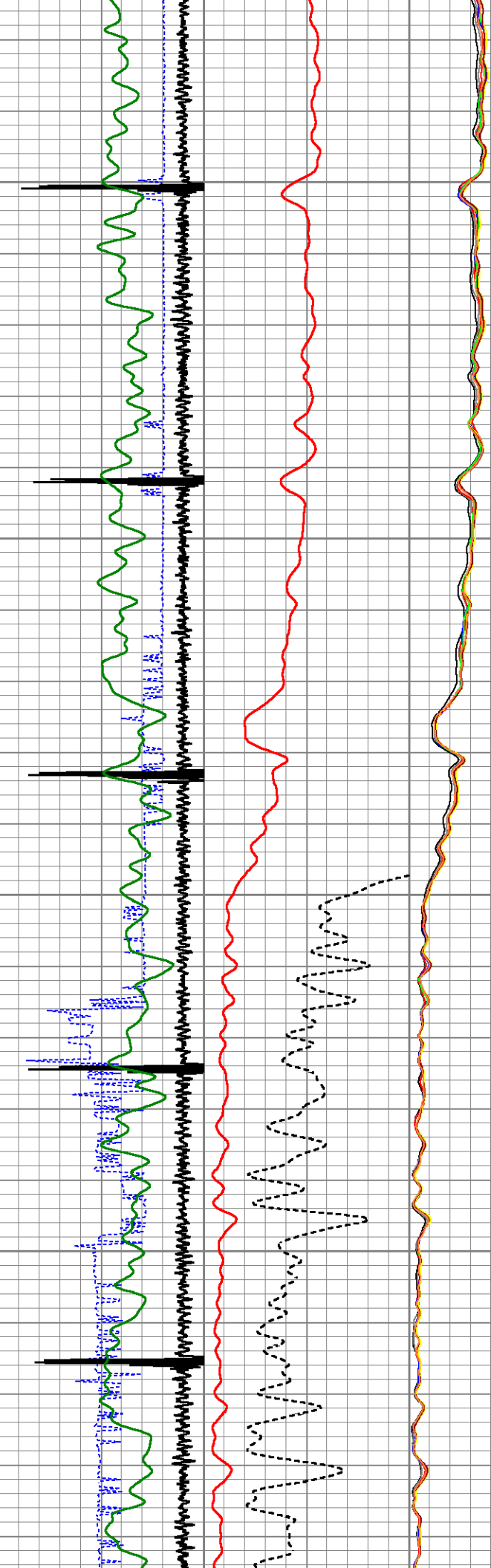


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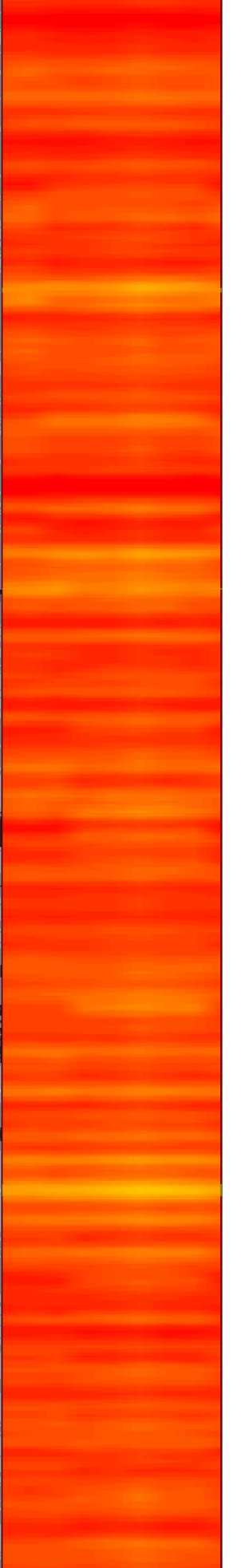
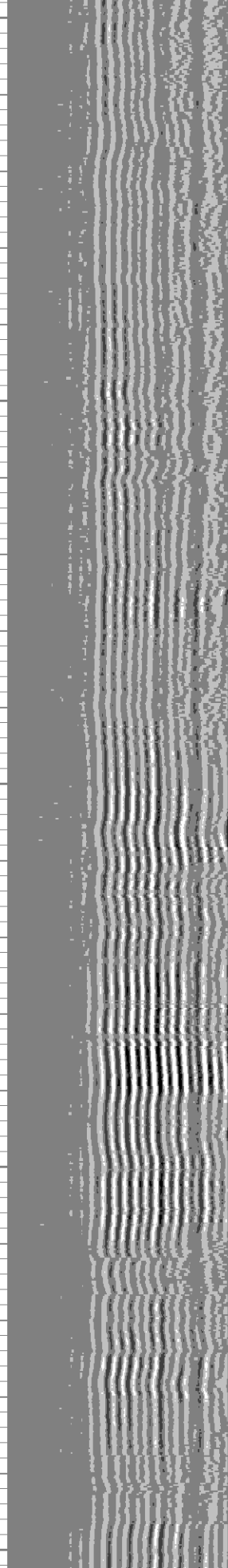
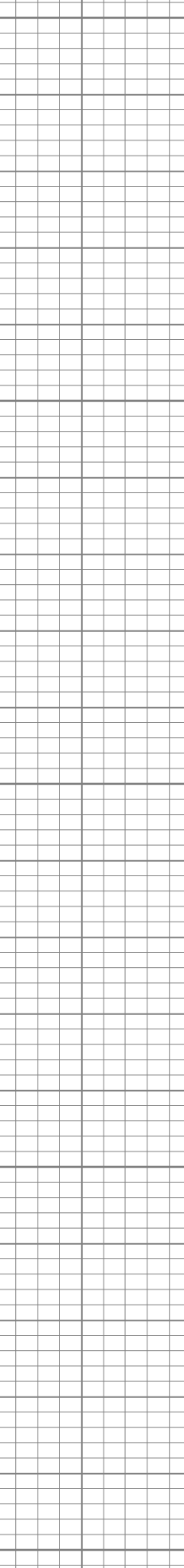
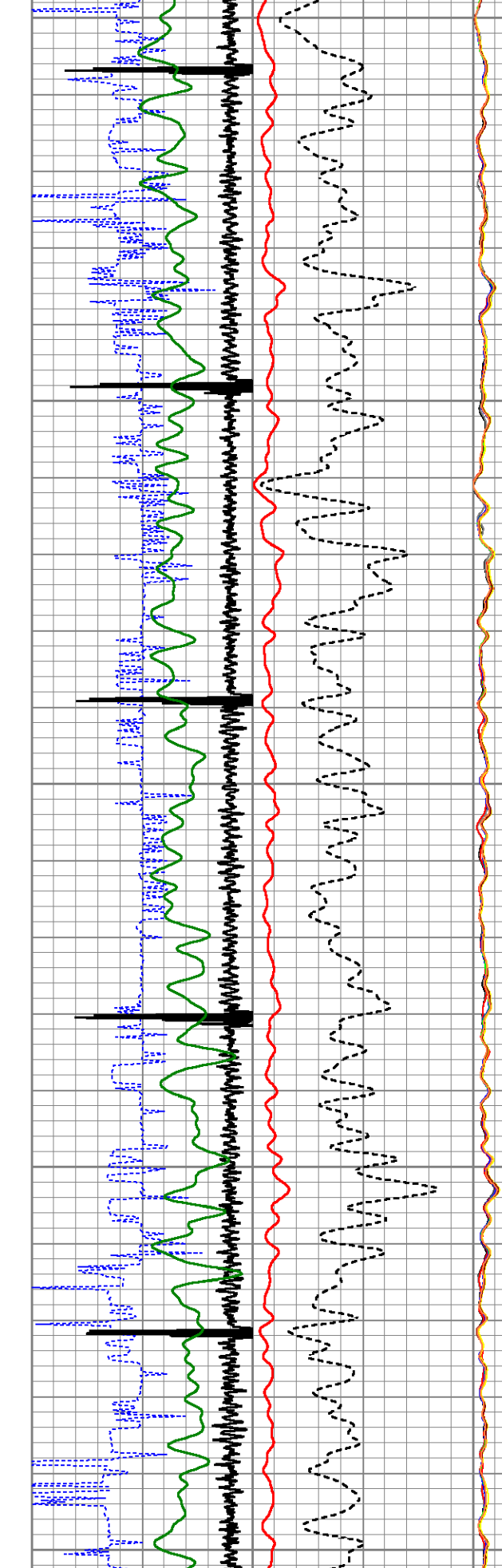
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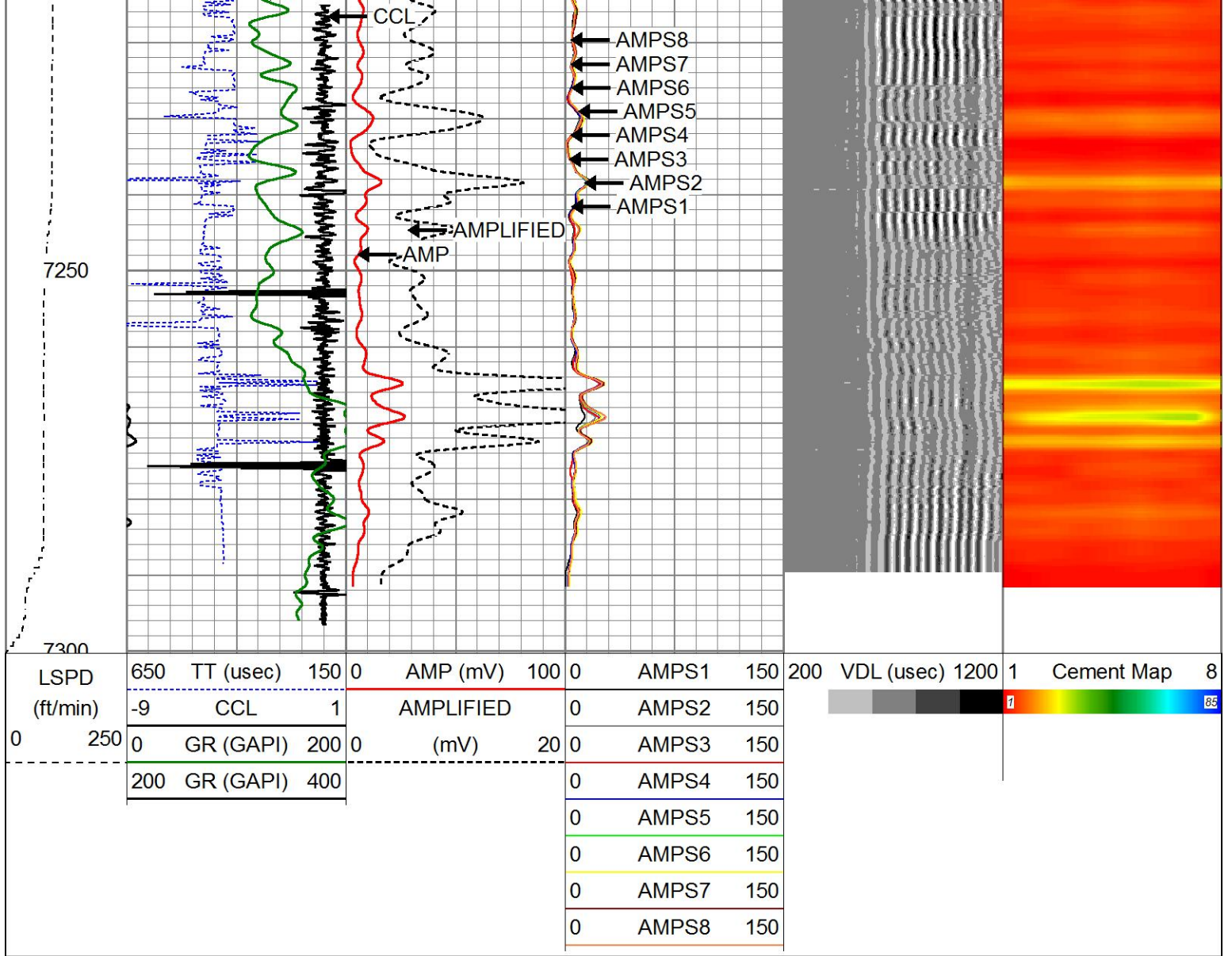
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7000  
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7100  
7150  
7200



LSPD  
GR  
TT



### Calibration Report

Database File east rinn 03-06-15.db  
 Dataset Pathname pass35  
 Dataset Creation Thu Jan 23 10:49:47 2025

### Gamma Ray Calibration Report

Serial Number: 27GRL10-XXXX  
 Tool Model: 27GRL10  
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

### Segmented Cement Bond Log Calibration Report

Serial Number: Greeley Ext Temp  
 Tool Model: 27SBT10

Calibration Casing Diameter: 4.500 in  
 Calibration Depth: -1802.176 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.028	0.896	0.800	81.196	87.011	3.255
CAL	0.000	0.982				
5'	0.000	0.712	0.800	81.196	112.861	0.800
SUM						
S1	0.000	0.960	0.000	81.196	84.542	-0.000
S2	-0.021	0.936	0.000	81.196	84.839	1.777
S3	-0.026	0.938	0.000	81.196	84.274	2.161
S4	-0.025	0.956	0.000	81.196	82.793	2.029
S5	-0.028	0.969	0.000	81.196	81.466	2.294
S6	-0.035	0.944	0.000	81.196	82.934	2.878
S7	-0.028	0.911	0.000	81.196	86.463	2.437
S8	-0.025	0.857	0.000	81.196	92.084	2.321

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.982	1.000	0.000

Air Zero Calibration, performed Thu Jan 23 08:53:02 2025:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000			0.000
5'	0.000		0.000			0.000
SUM						
S1	0.000		0.000			0.000
S2	0.000		0.000			0.000
S3	0.000		0.000			0.000
S4	0.000		0.000			0.000
S5	0.000		0.000			0.000
S6	0.000		0.000			0.000
S7	0.000		0.000			0.000
S8	0.000		0.000			0.000



Company	CIVITAS	
Well	EAST RINN 3-6-15	
Field	WATTENBERTG	
County	WELD	
State	CO	Country