



**RADIAL BOND TOOL
GAMMA RAY
CCL**

Company CIVITAS
Well LATHAM 41-1
Field WATTENBURG
County WELD
State CO
Country USA

Location: 40.347170 -104.379320
API #: 05-123-35856

Other Services
SEC 1 TWP 4N RGE 63W
Elevation: 4549'

Permanent Datum GL
Log Measured From 10 FT
Drilling Measured From KB
Elevation
K.B. ---
D.F. ---
G.L. 4549'

Date 14-AUG-2025

Run Number ONE
Depth Driller 6700'
Depth Logger 6105'
Bottom Logged Interval 6100'
Top Log Interval SURFACE
Open Hole Size 7 7/8"
Type Fluid WATER
Density / Viscosity N/A
Max. Recorded Temp. °
Estimated Cement Top N/A
Time Well Ready ON ARRIVAL
Time Logger on Bottom N/A
Equipment Number 7770
Location PLATTEVILLE CO
Recorded By W. Wacker
Witnessed By Bernie Chavez


Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Mgt/Ft	Top	Bottom			
Surface String	8 5/8"	24#	SURFACE	462'			
Prot. String	4 1/2"	11.6#	SURFACE	6674'			
Production String							
Liner							

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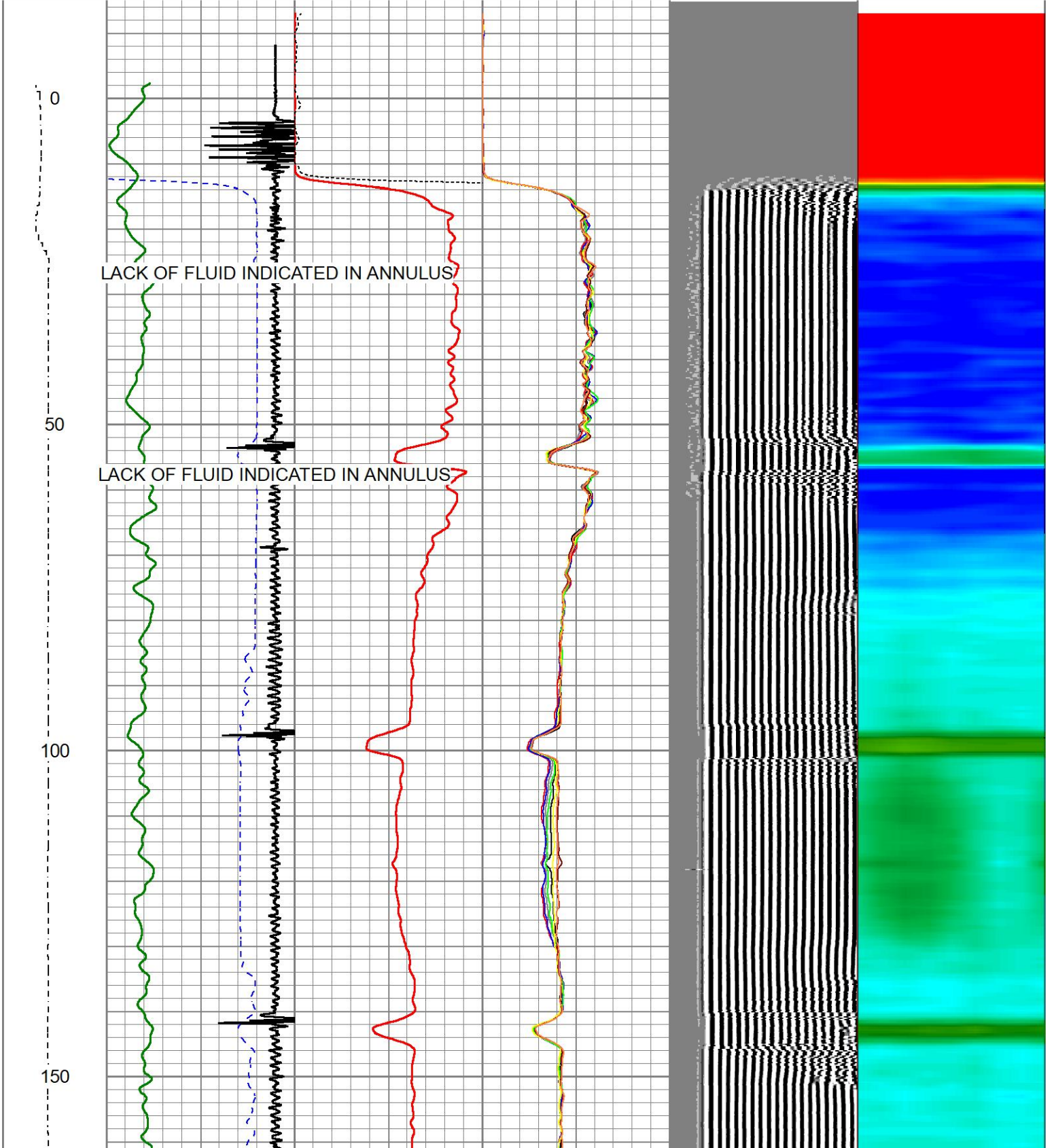
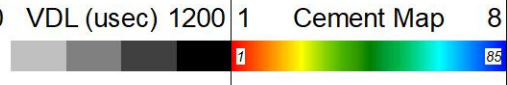
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 CBL TO VERIFY CEMENT BOND
WELL LOADED ON ARRIVAL
CORRELATED TO KB AT 10 FT
RECORDED WITH 500 PSI SURFACE INDUCED PRESSURE
LACK OF FLUID INDICATED IN ANNULUS FROM 61 FT TO SURFACE**

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HEADVOLT	18.38		CHD-1_7/16_Cabehead 1 7/16 Cablehead	1.00	1.44	5.00

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	0	AMPx5 (mV)	20	0	AMPS2	150						
0	-250	GR (GAPI)	150					AMPS3	150						
		GR (GAPI)	500					AMPS4	150						
								AMPS5	150						
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								AMPS7	150						
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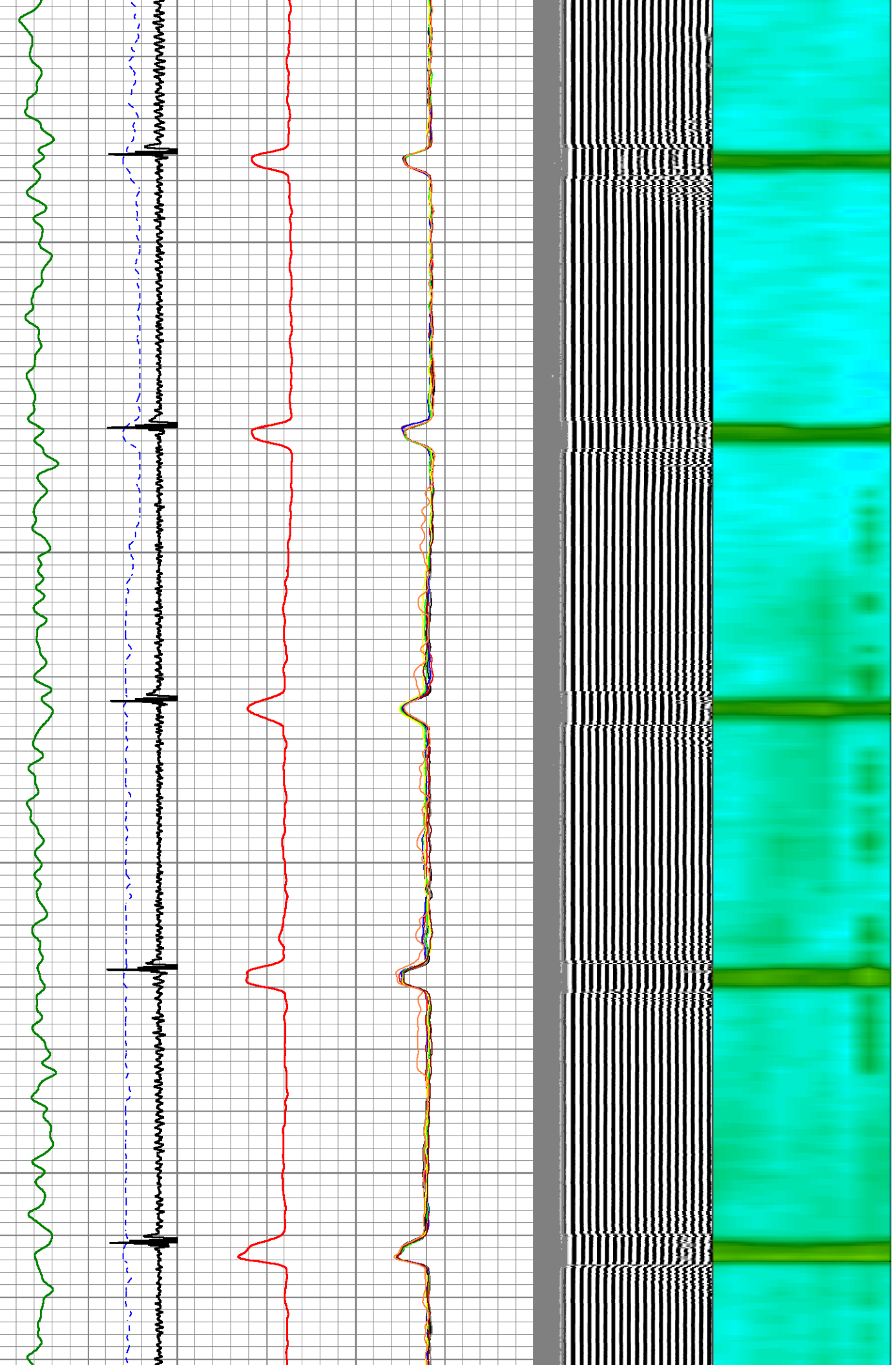


200

250

300

350



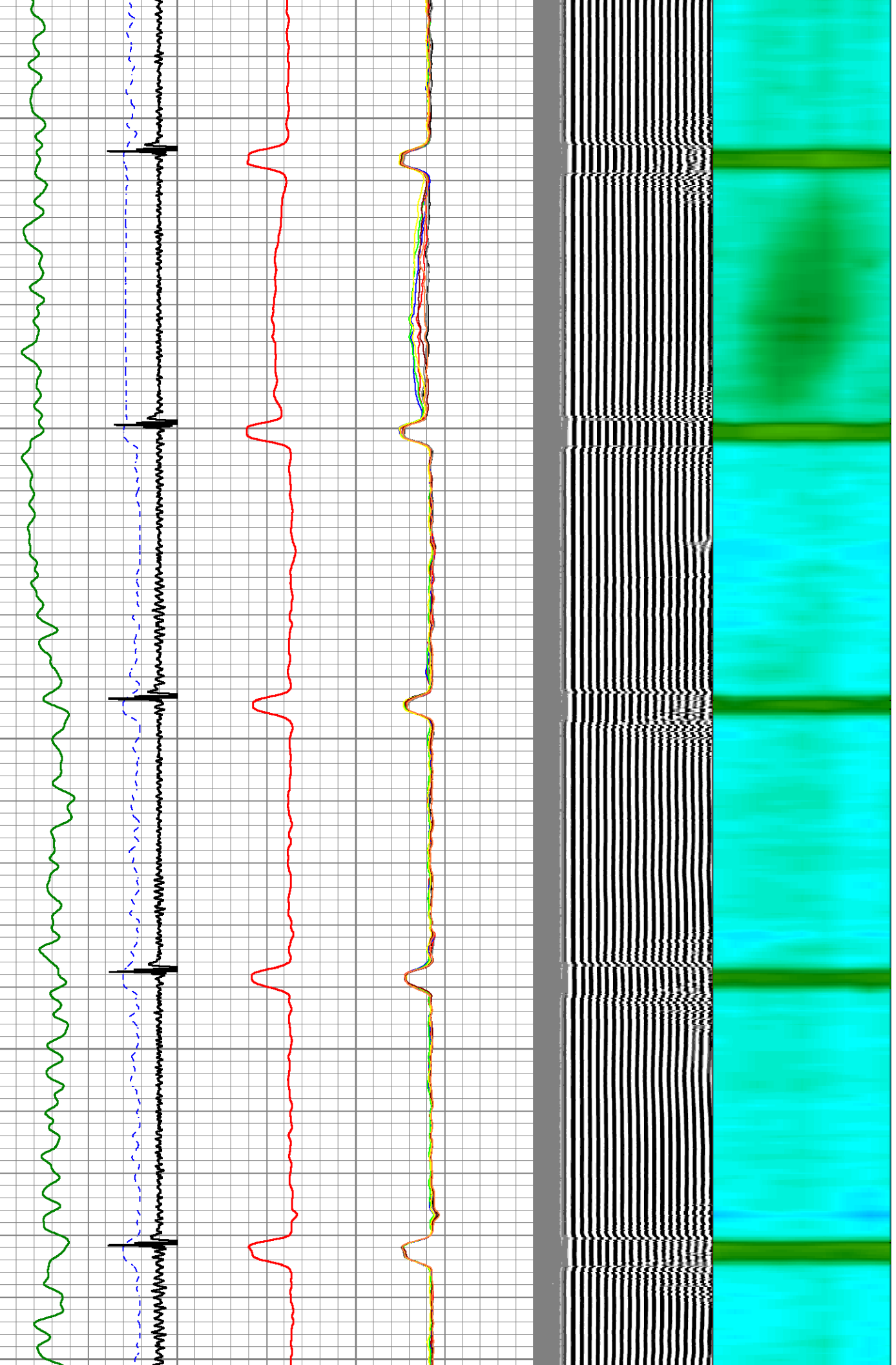
400

450

500

550

600

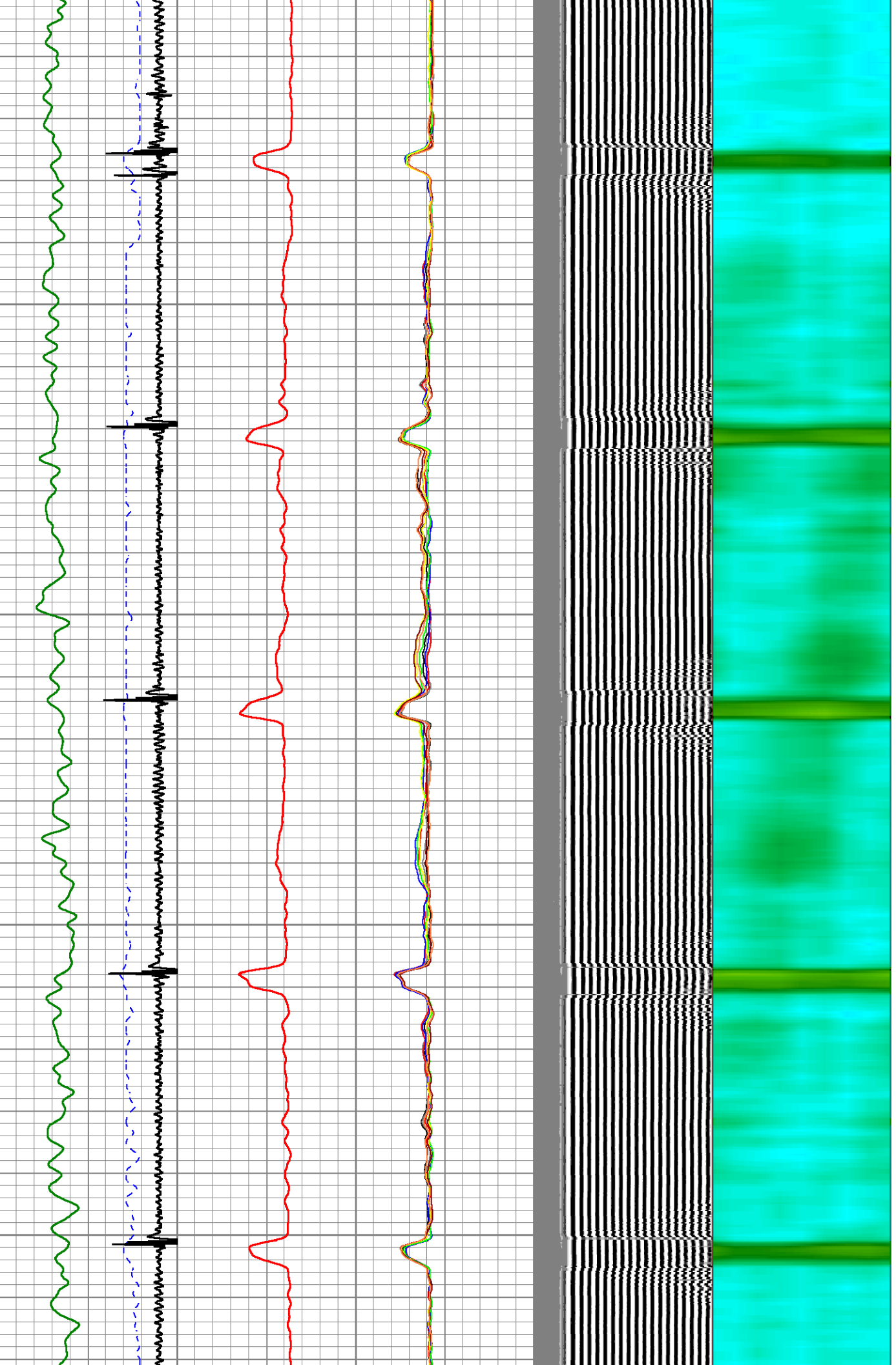


650

700

750

800

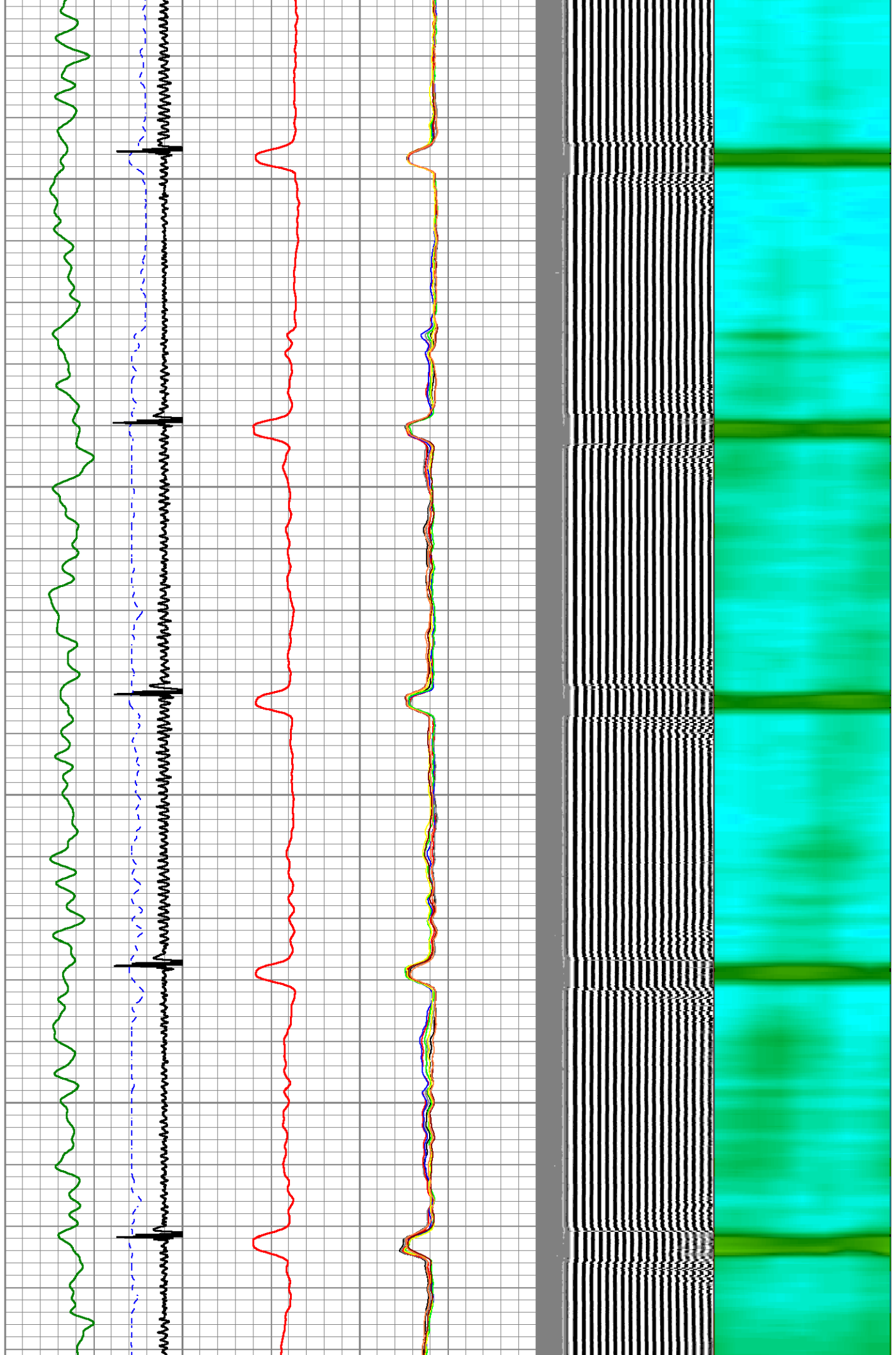


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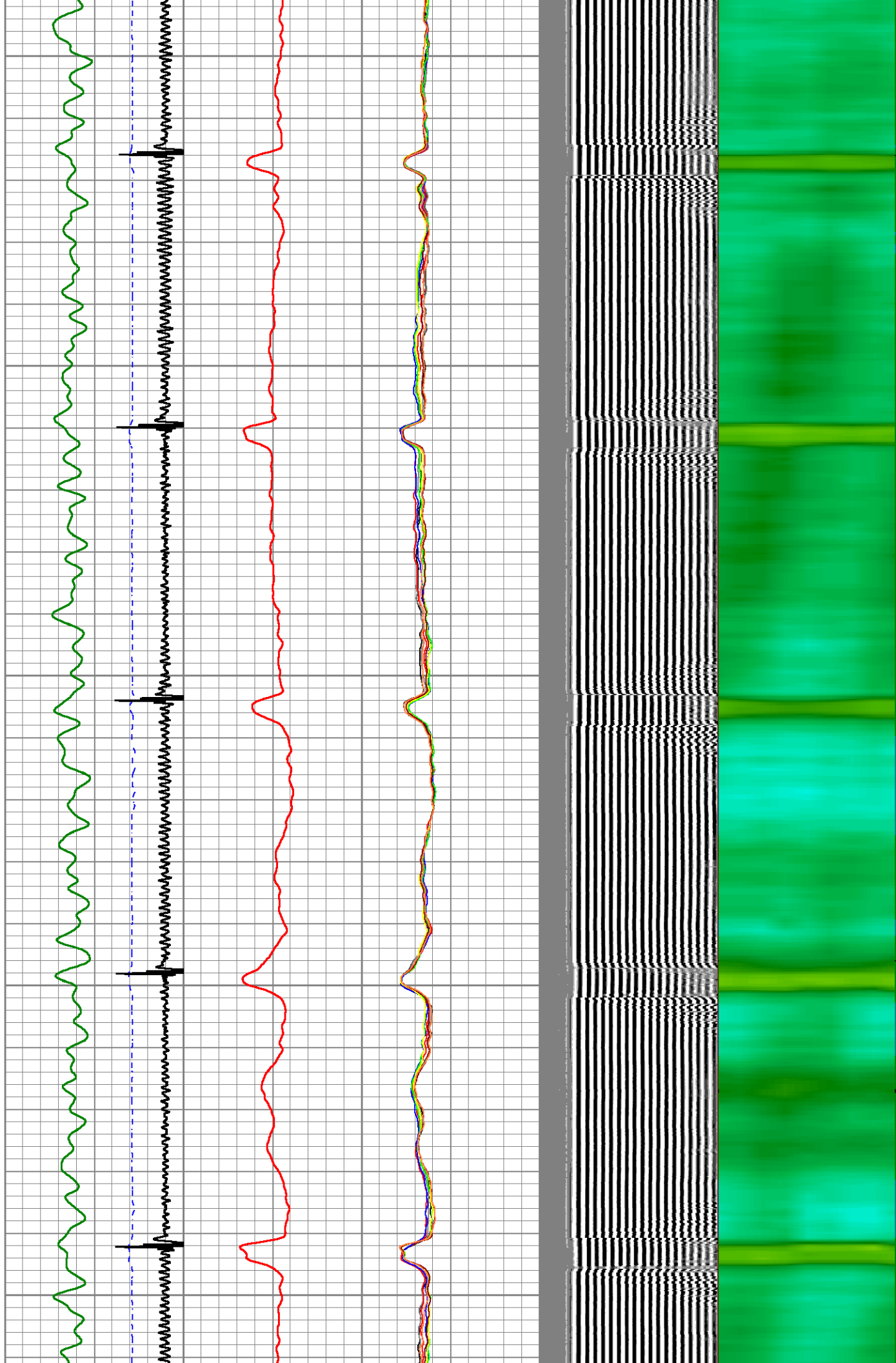
900

950

1000



1050
1100
1150
1200
1250

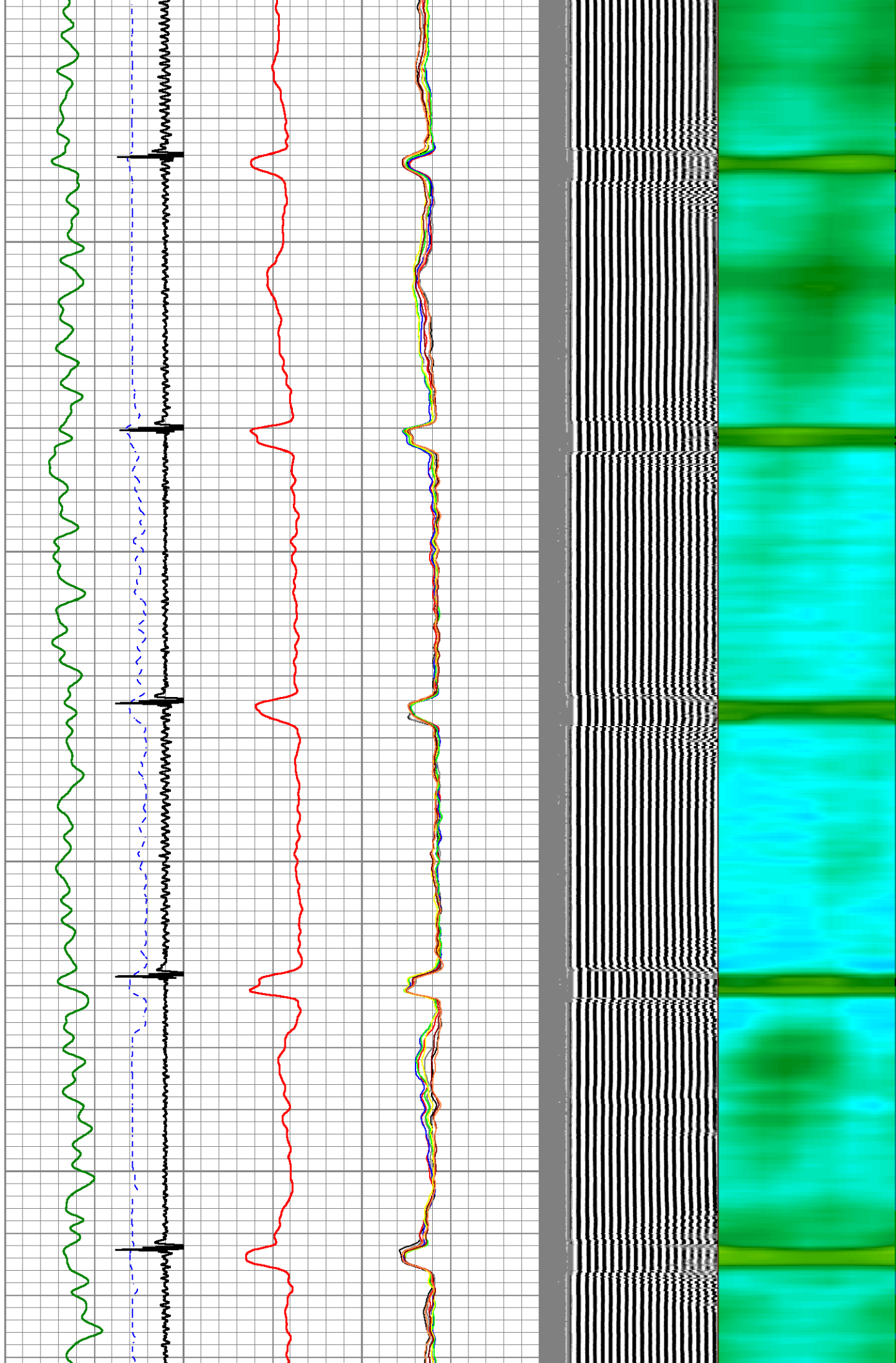


1300

1350

1400

1450



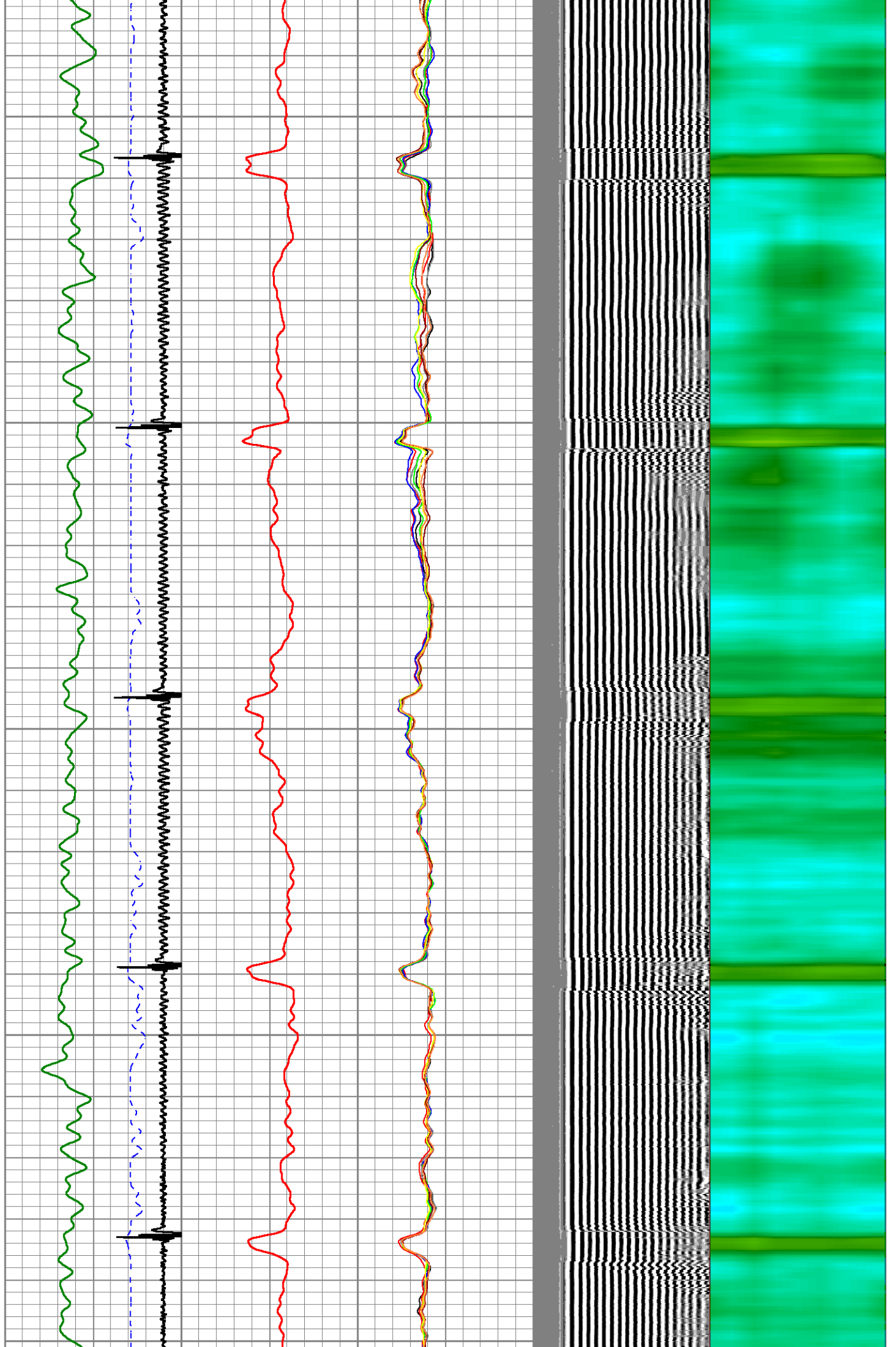
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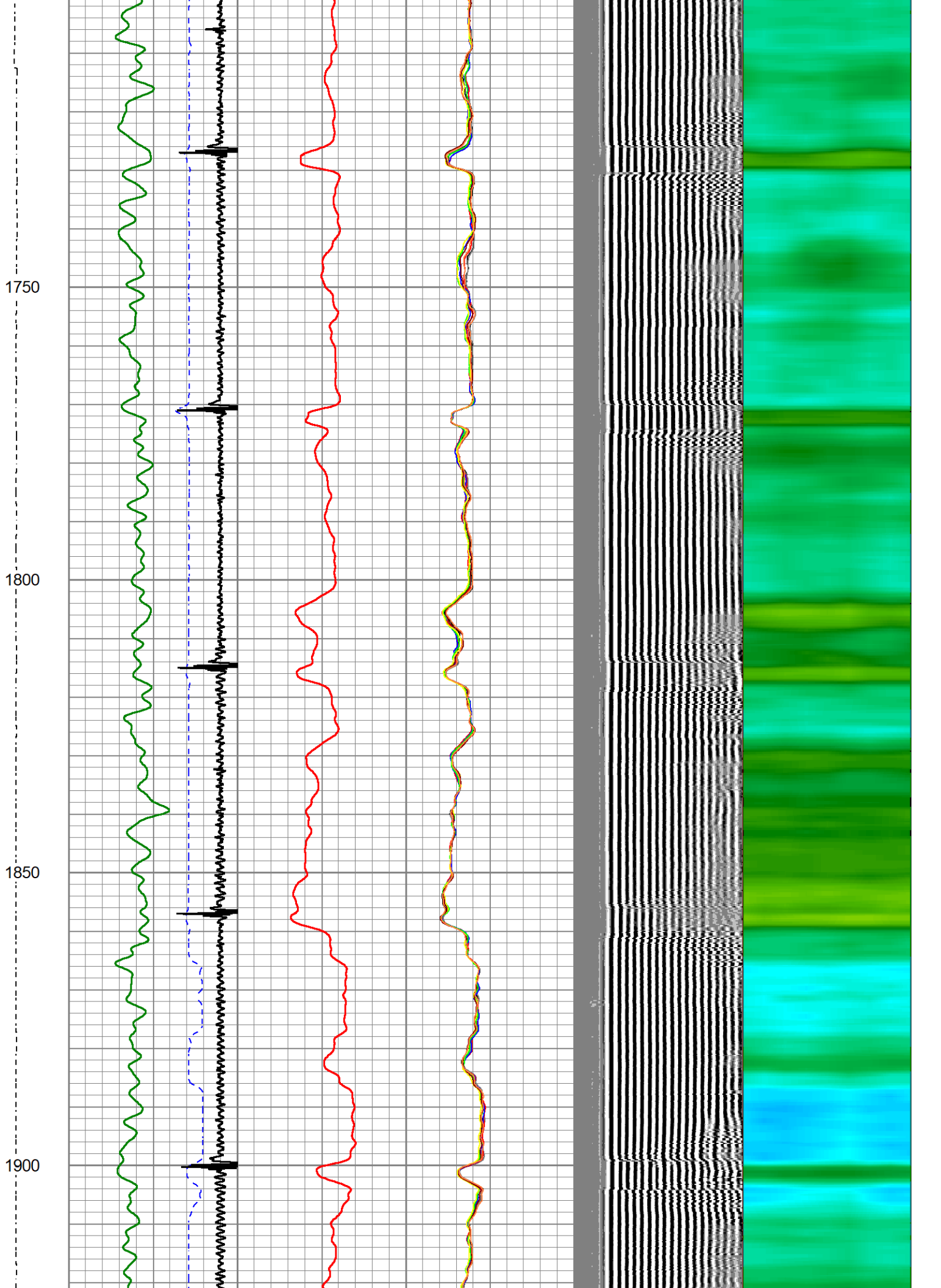
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1600

1650

1700



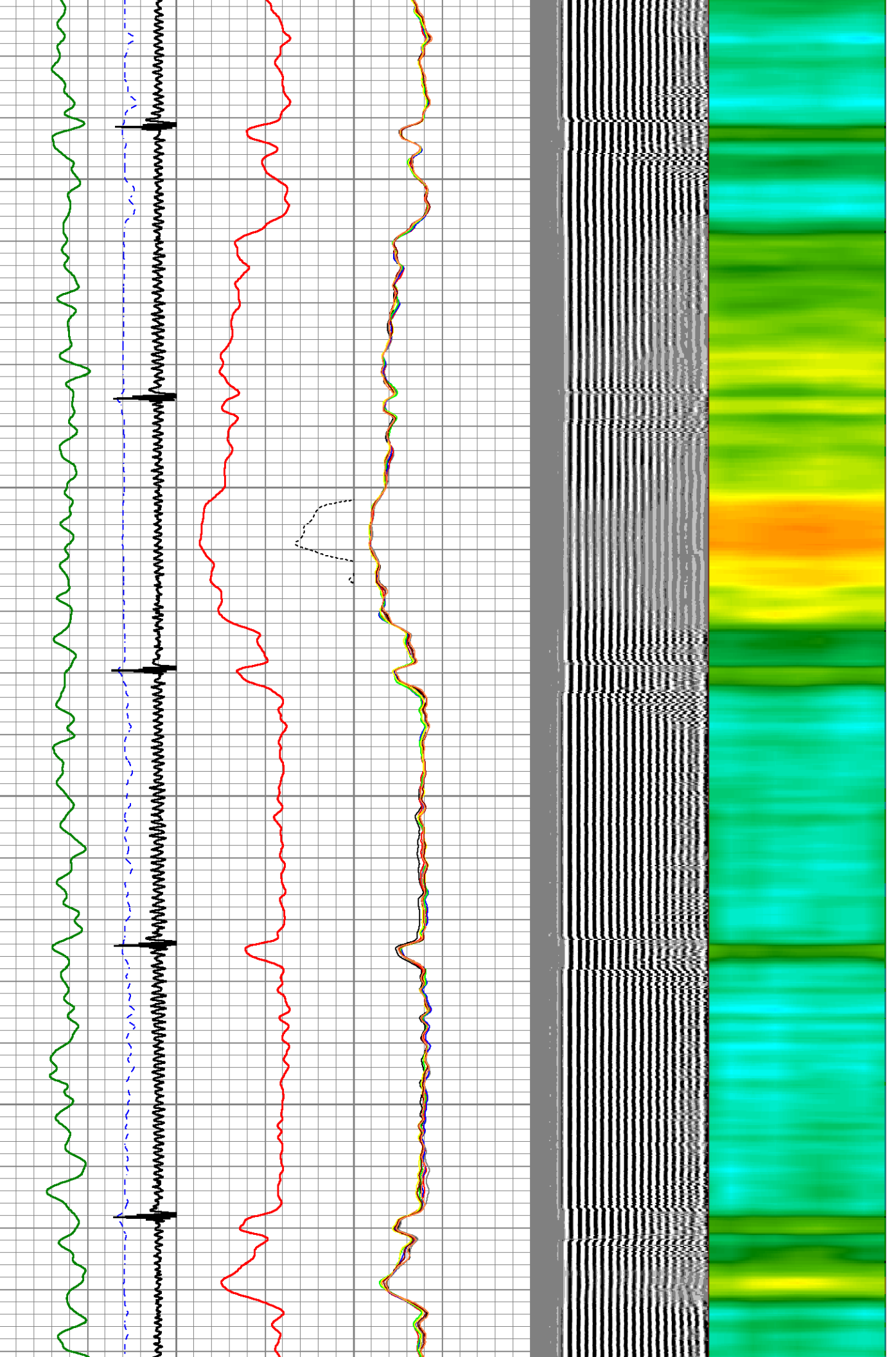


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2000

2050

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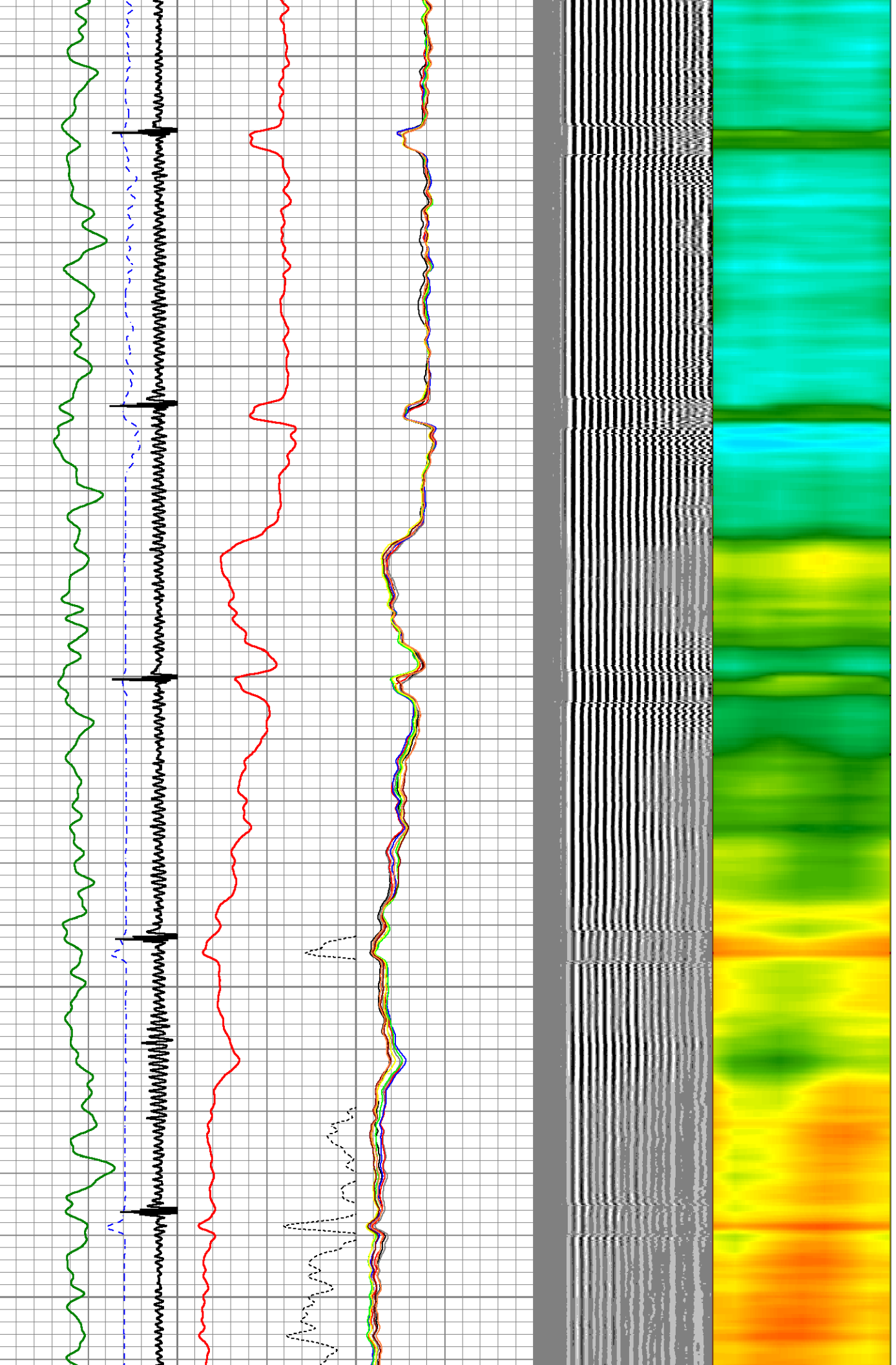
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2200

2250

2300

2350

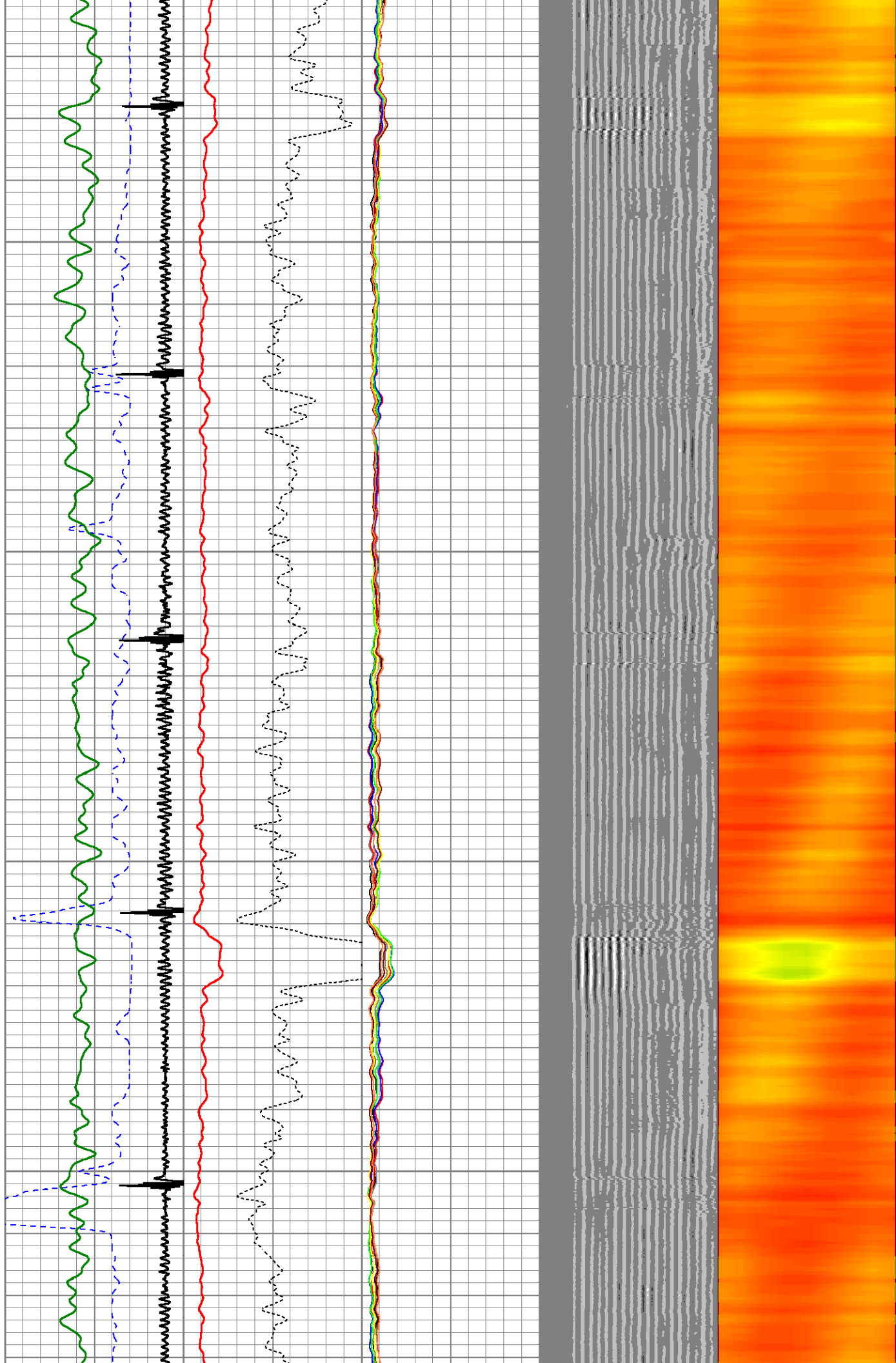


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2450

2500

2550



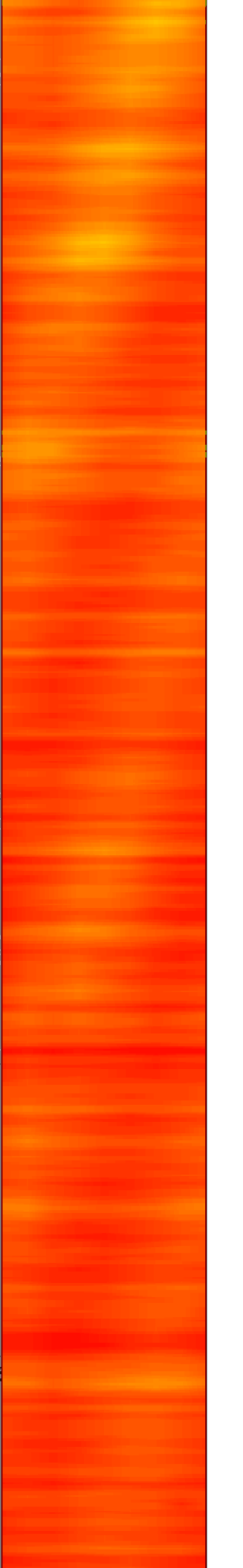
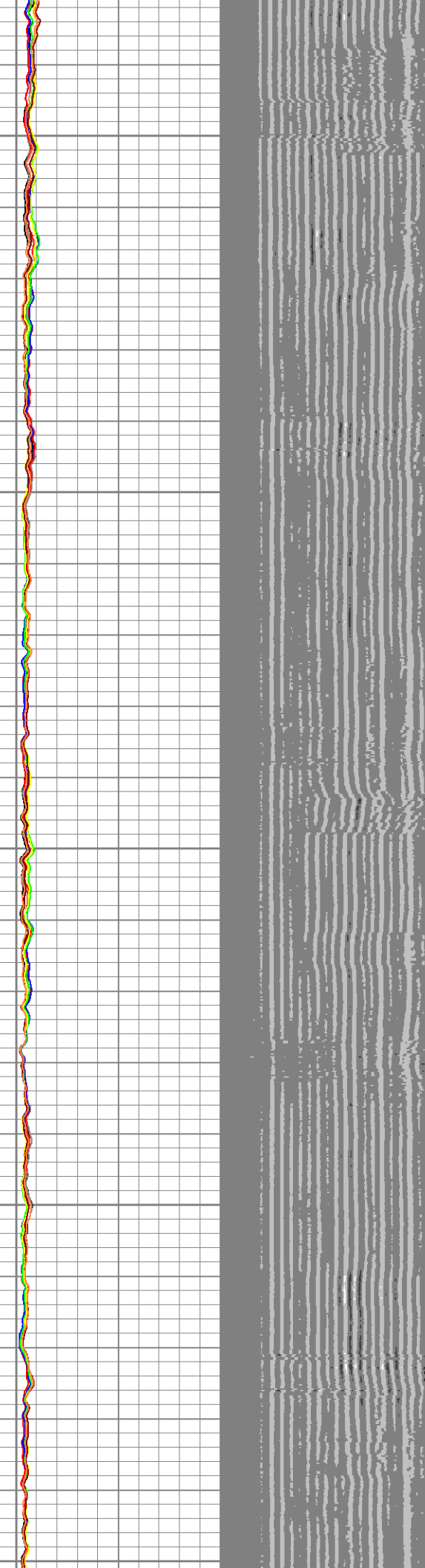
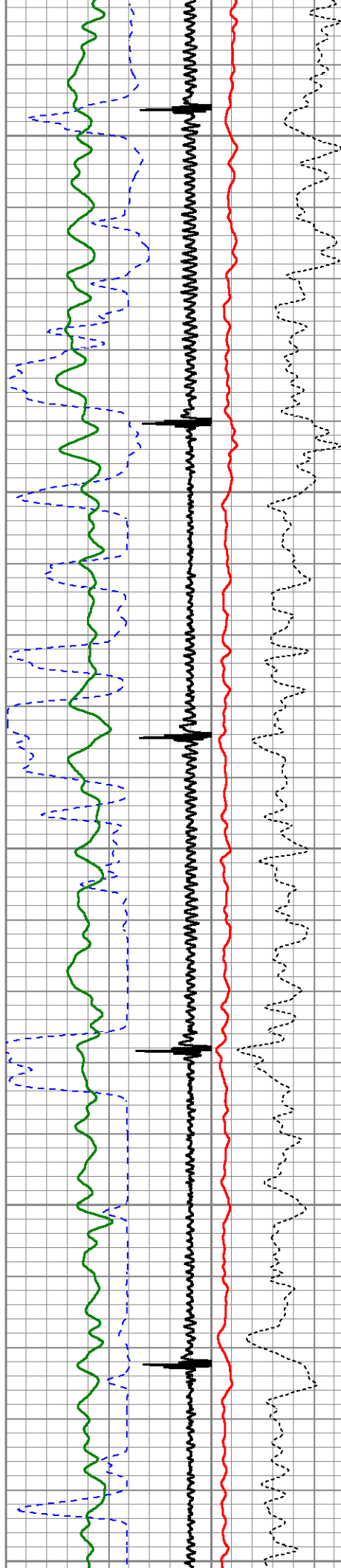
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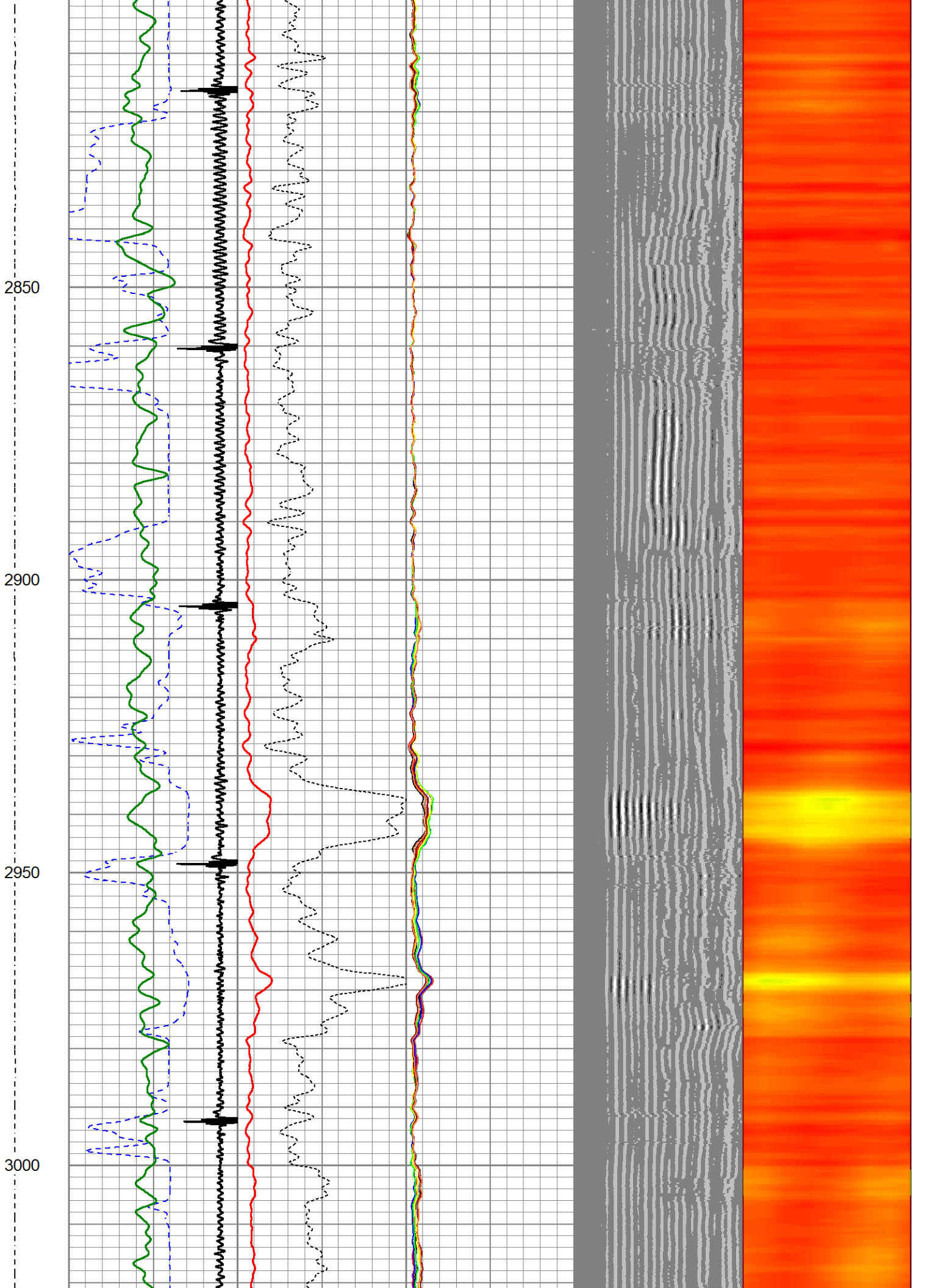
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2700

2750

2800



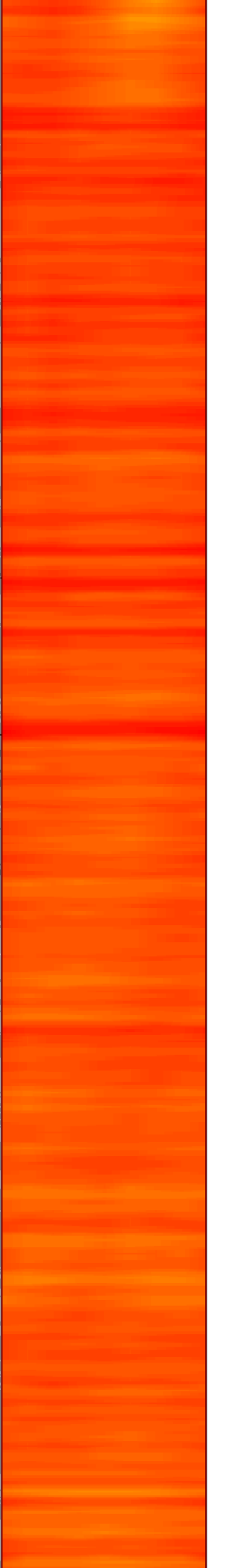
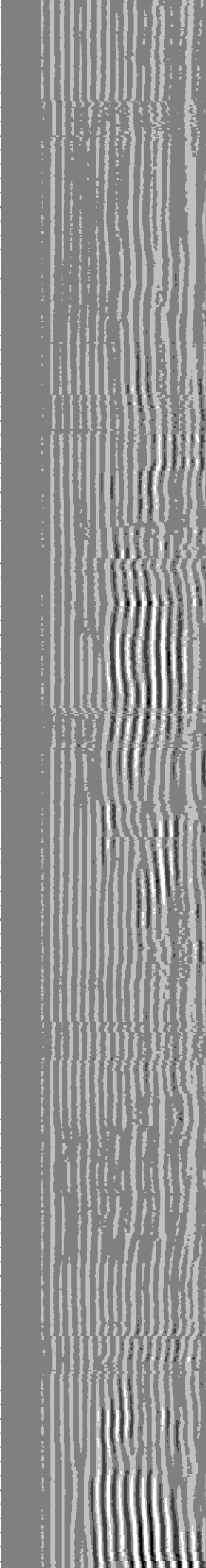
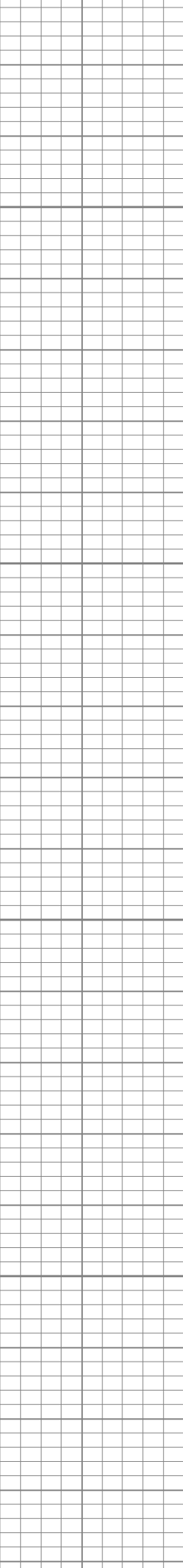
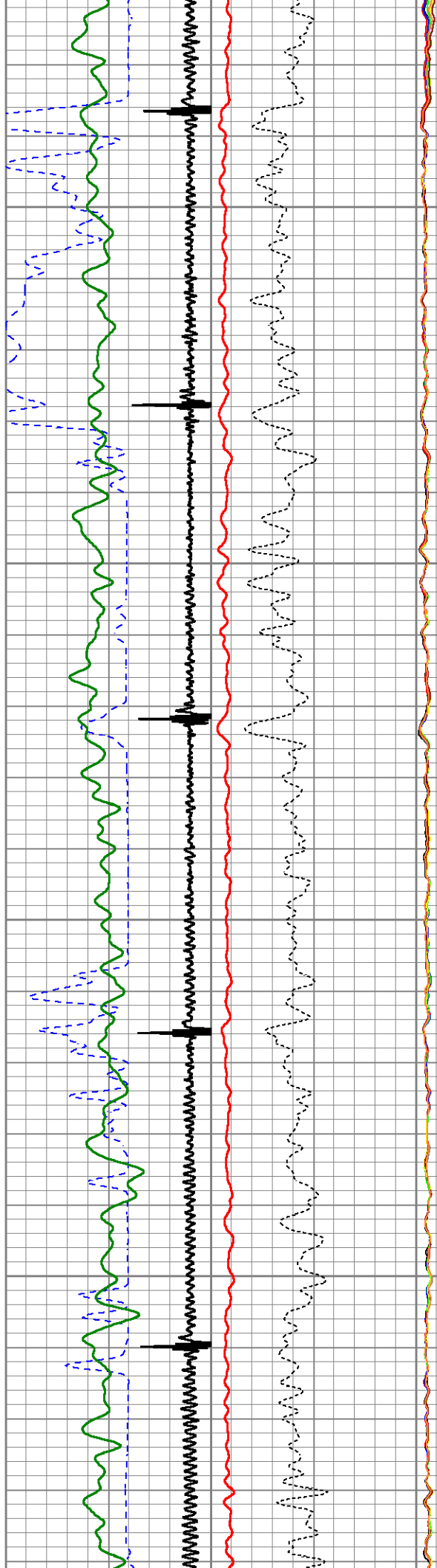


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3100

3150

3200



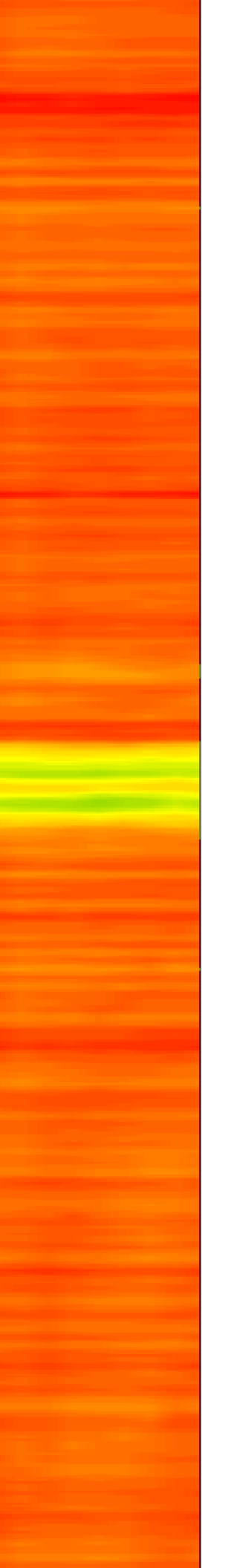
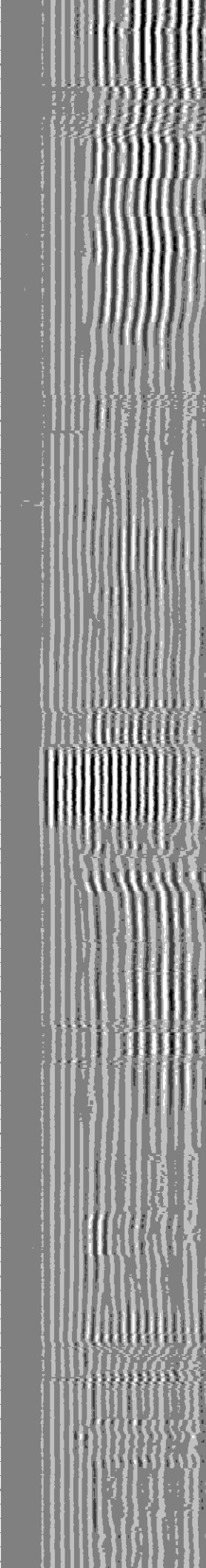
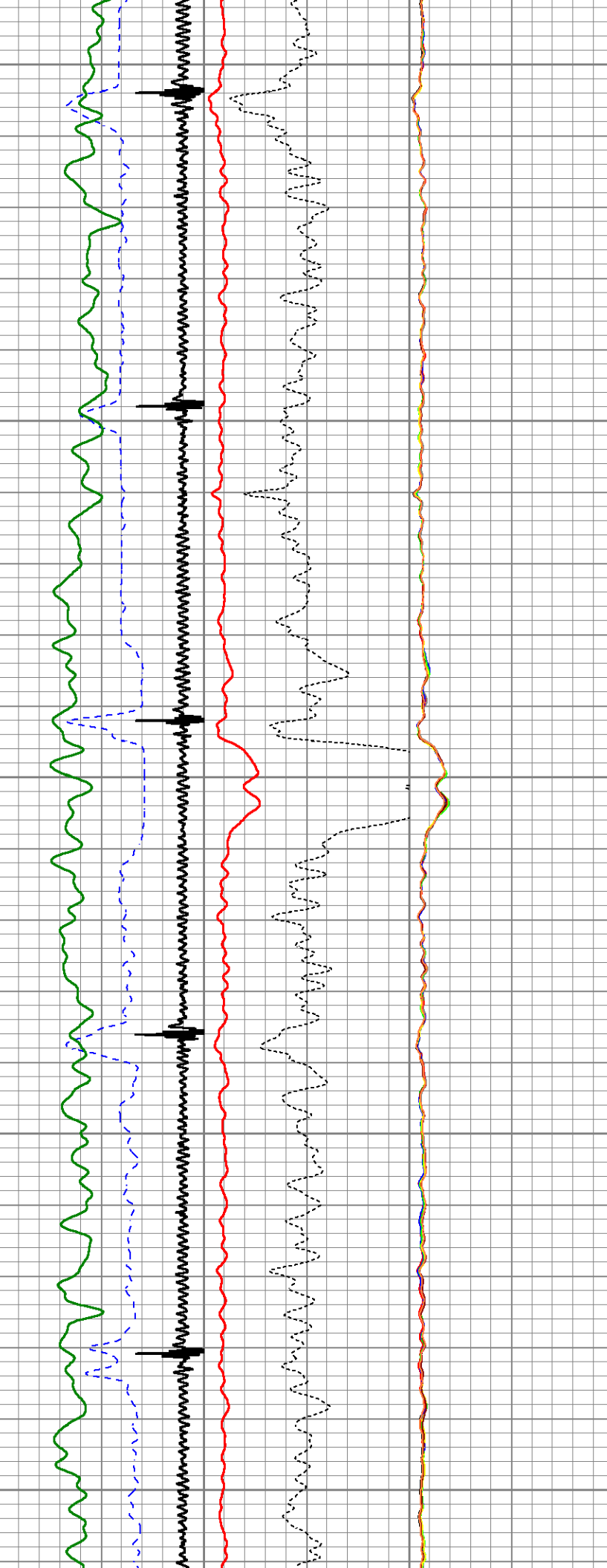
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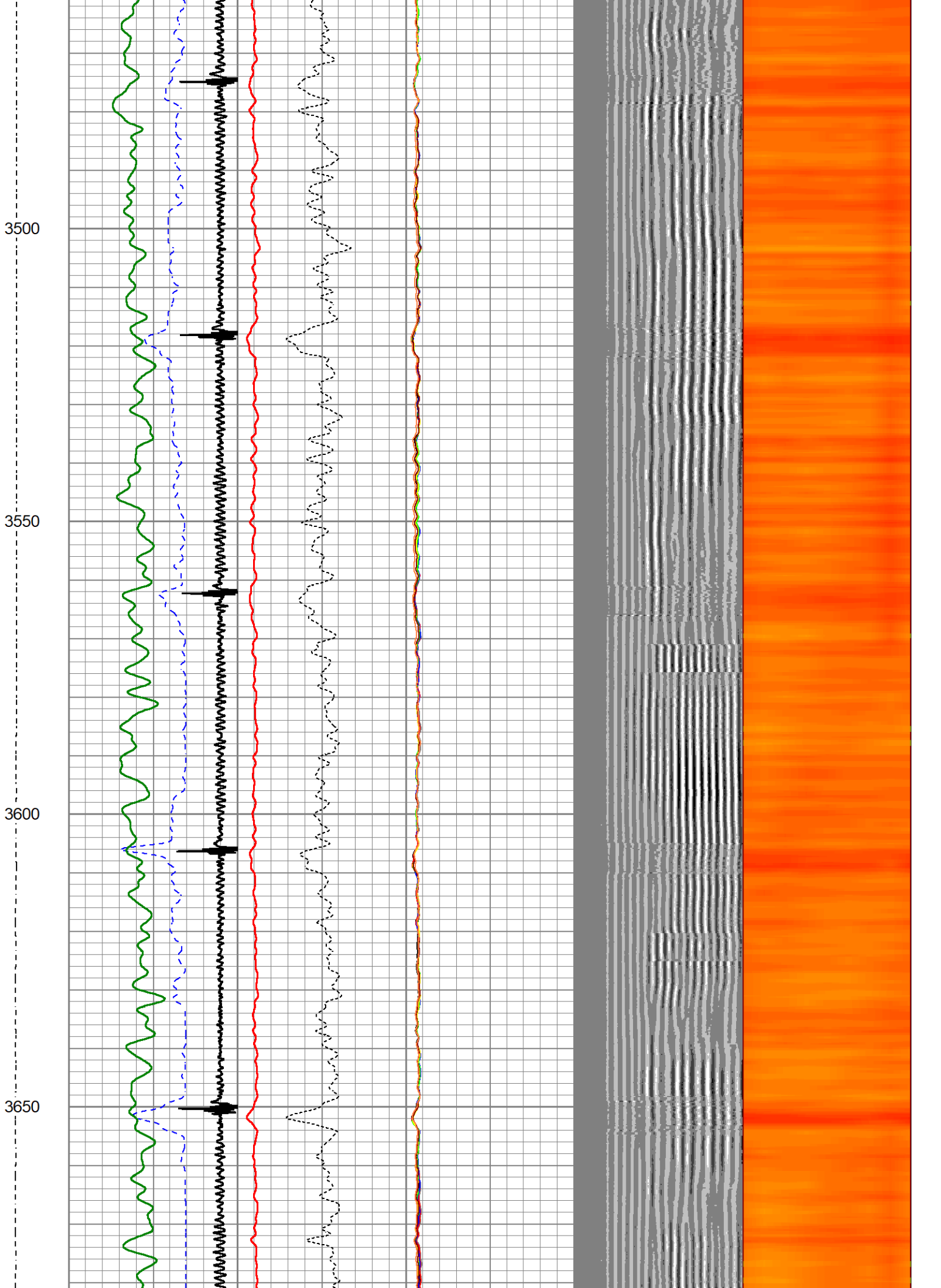
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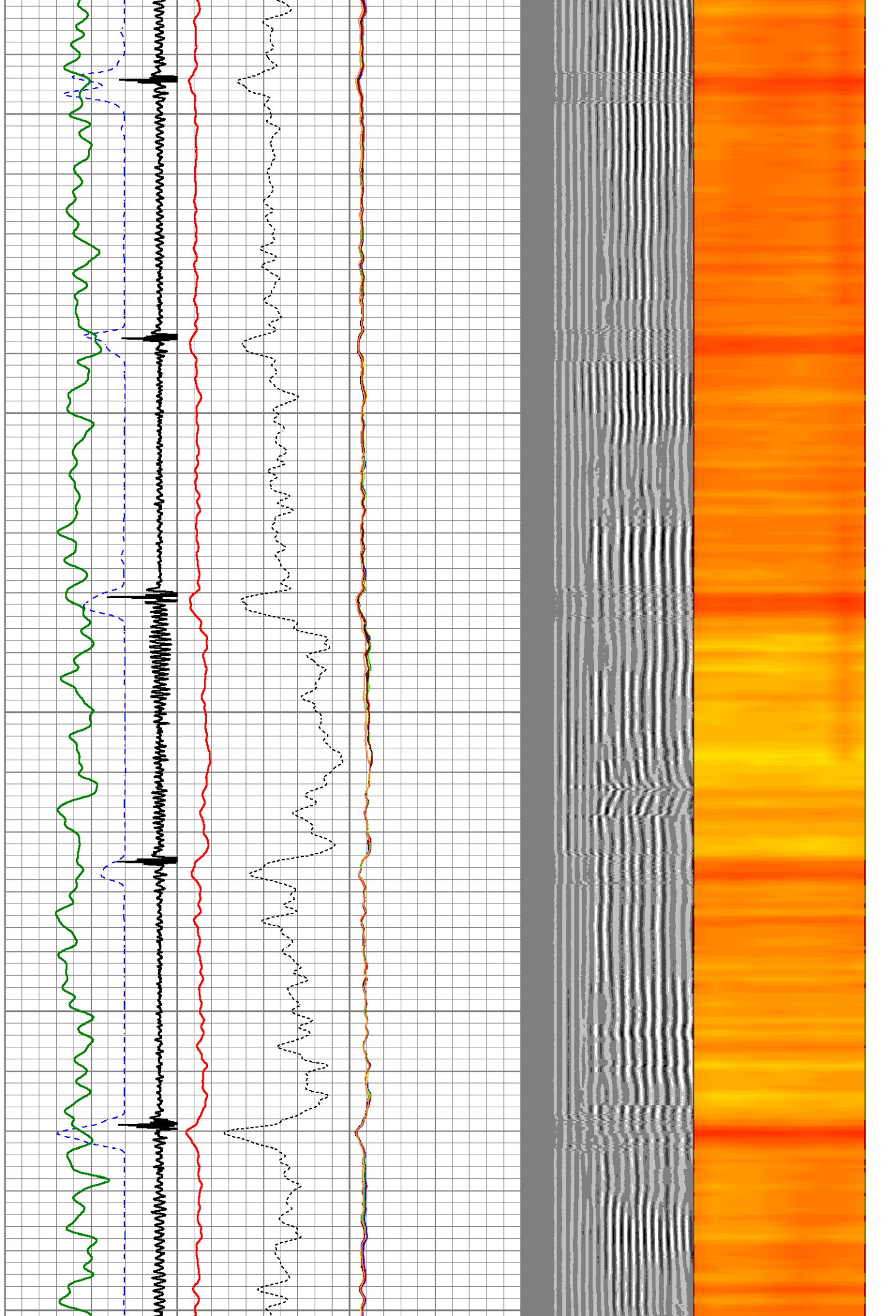
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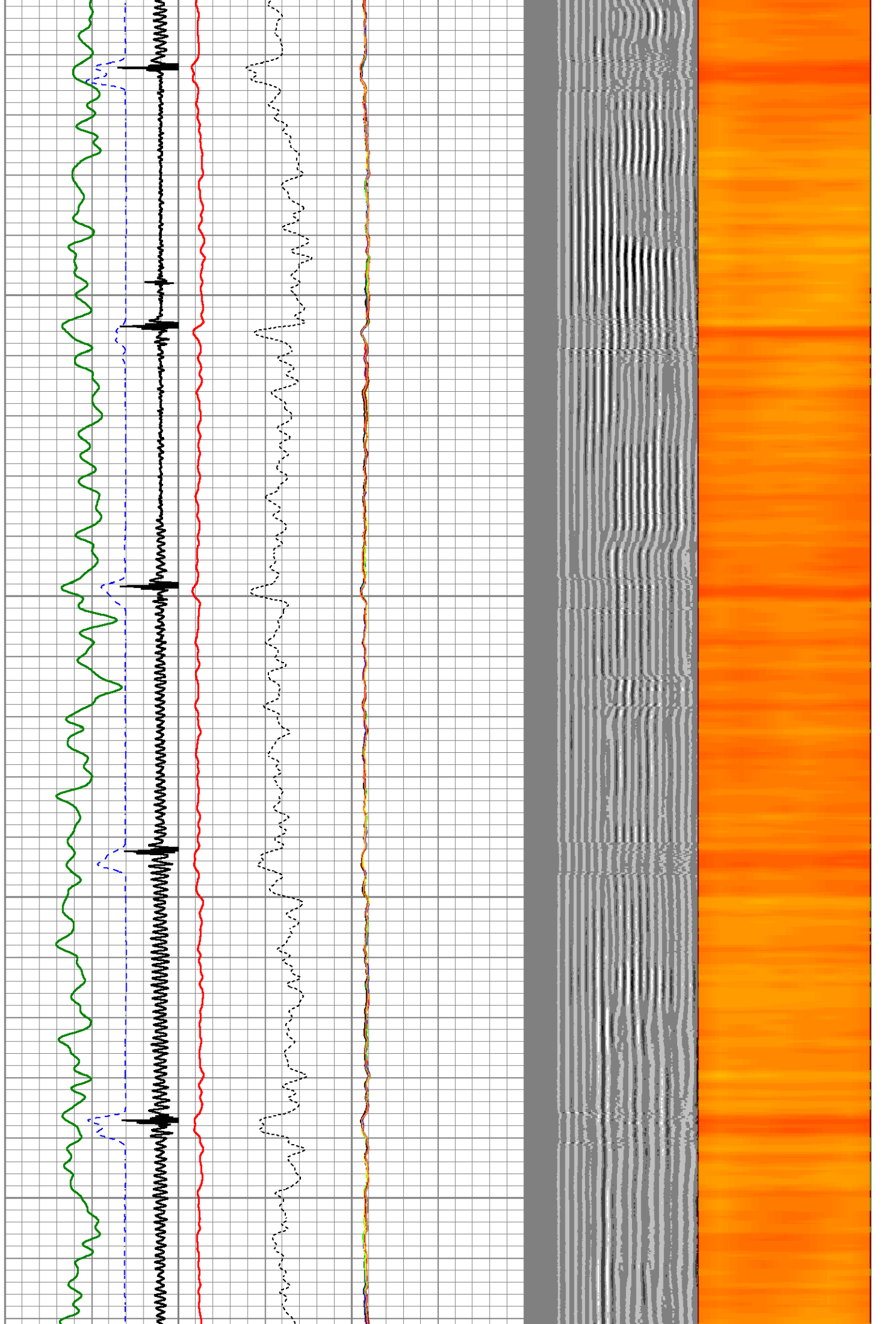


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4050

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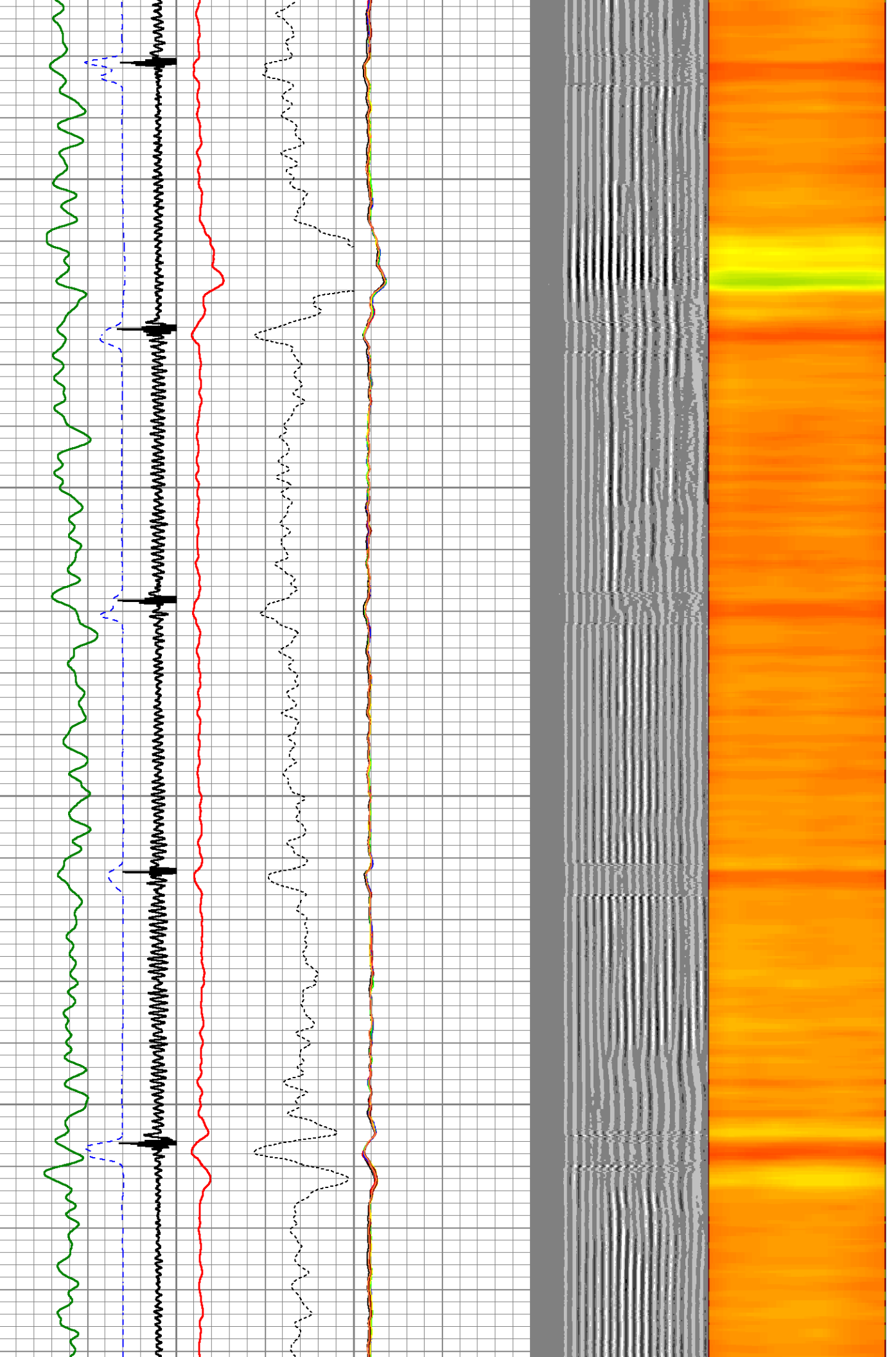


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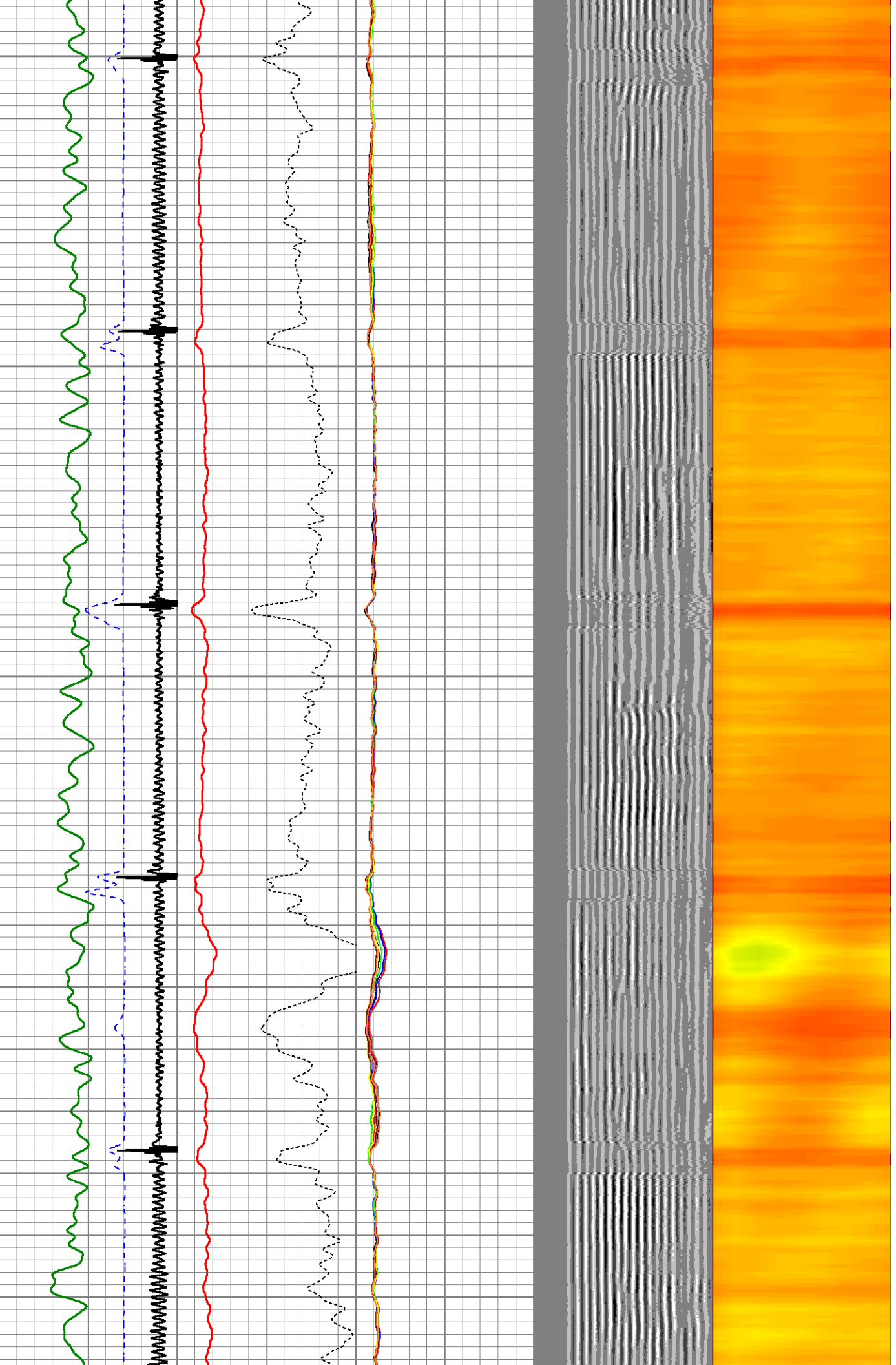
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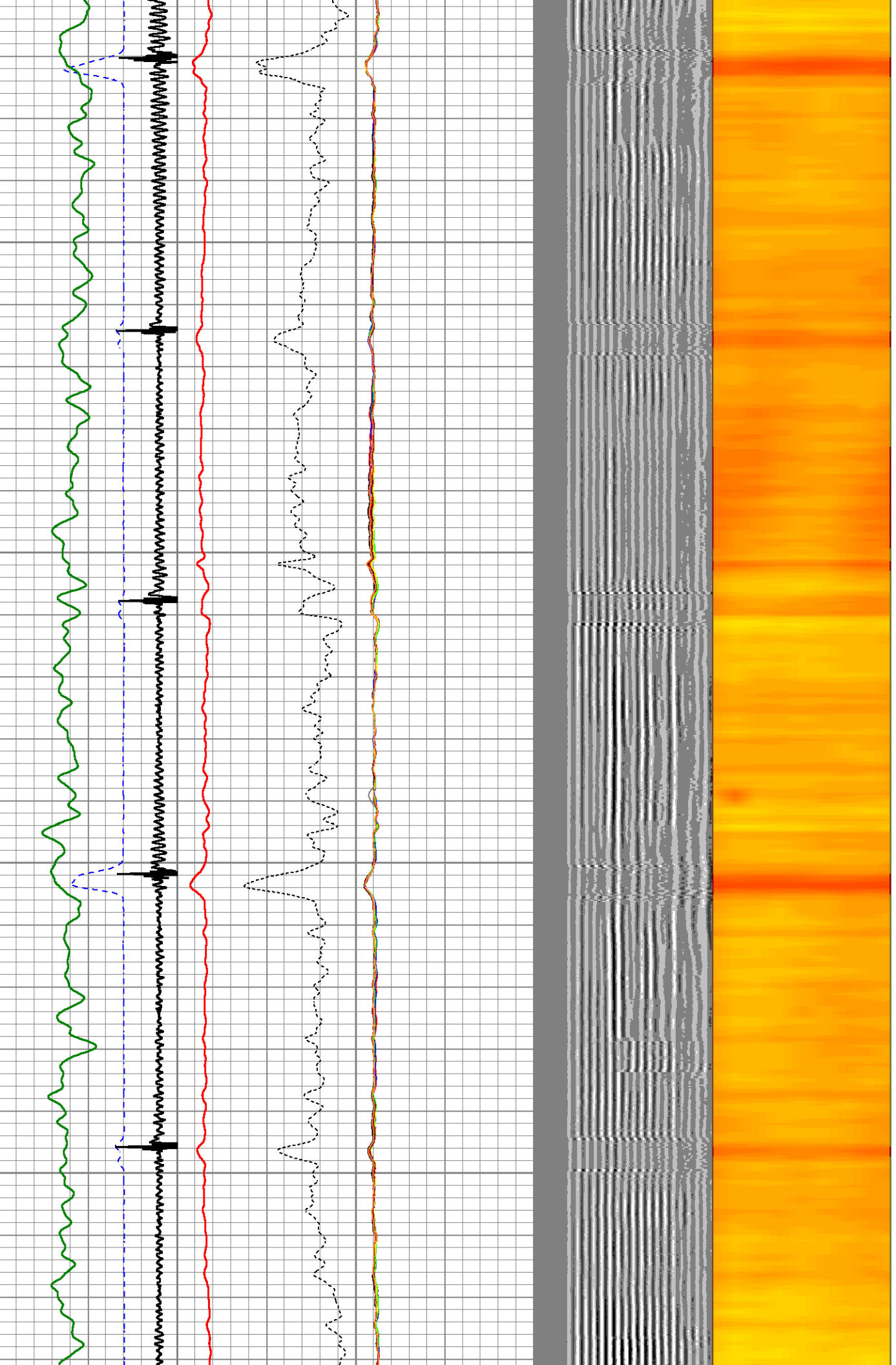


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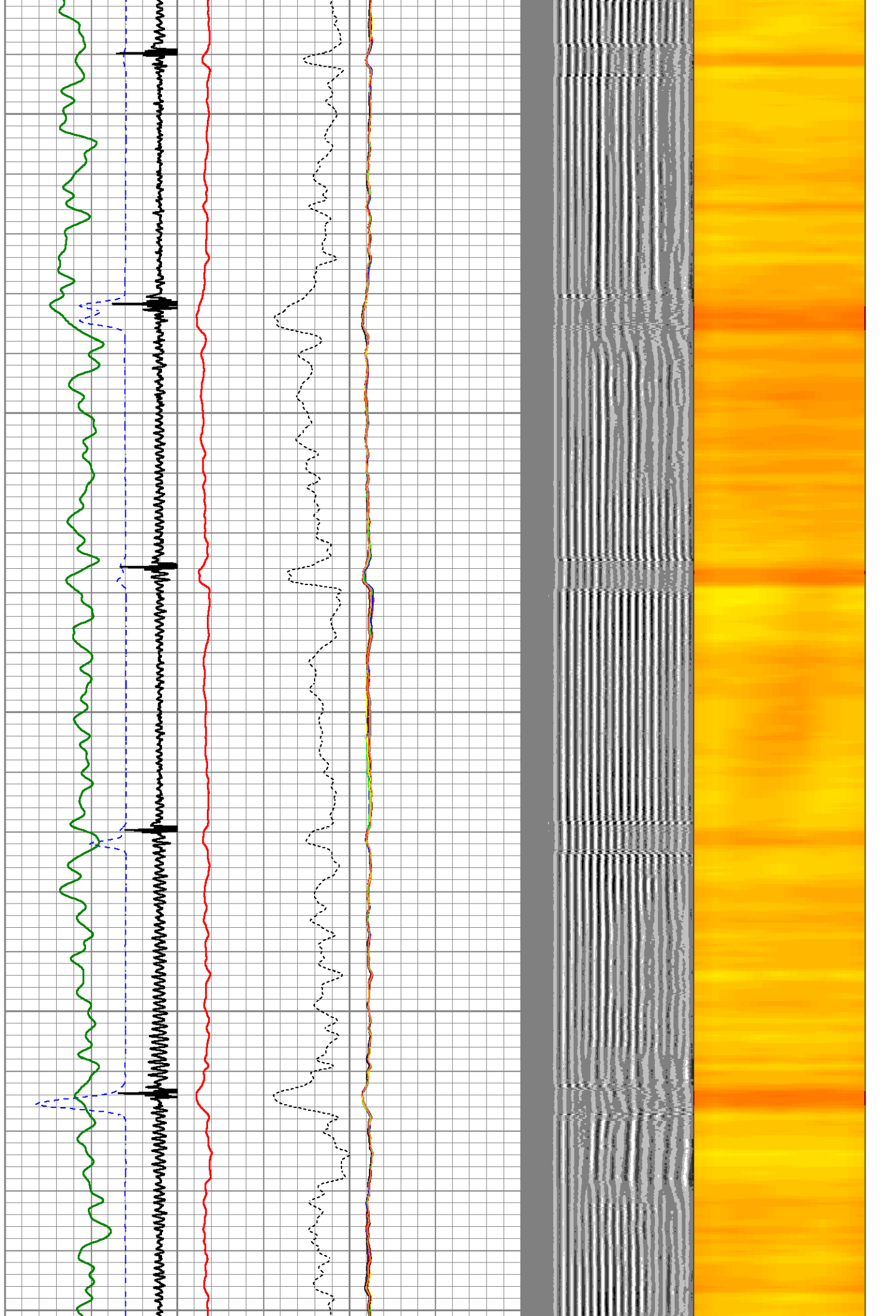
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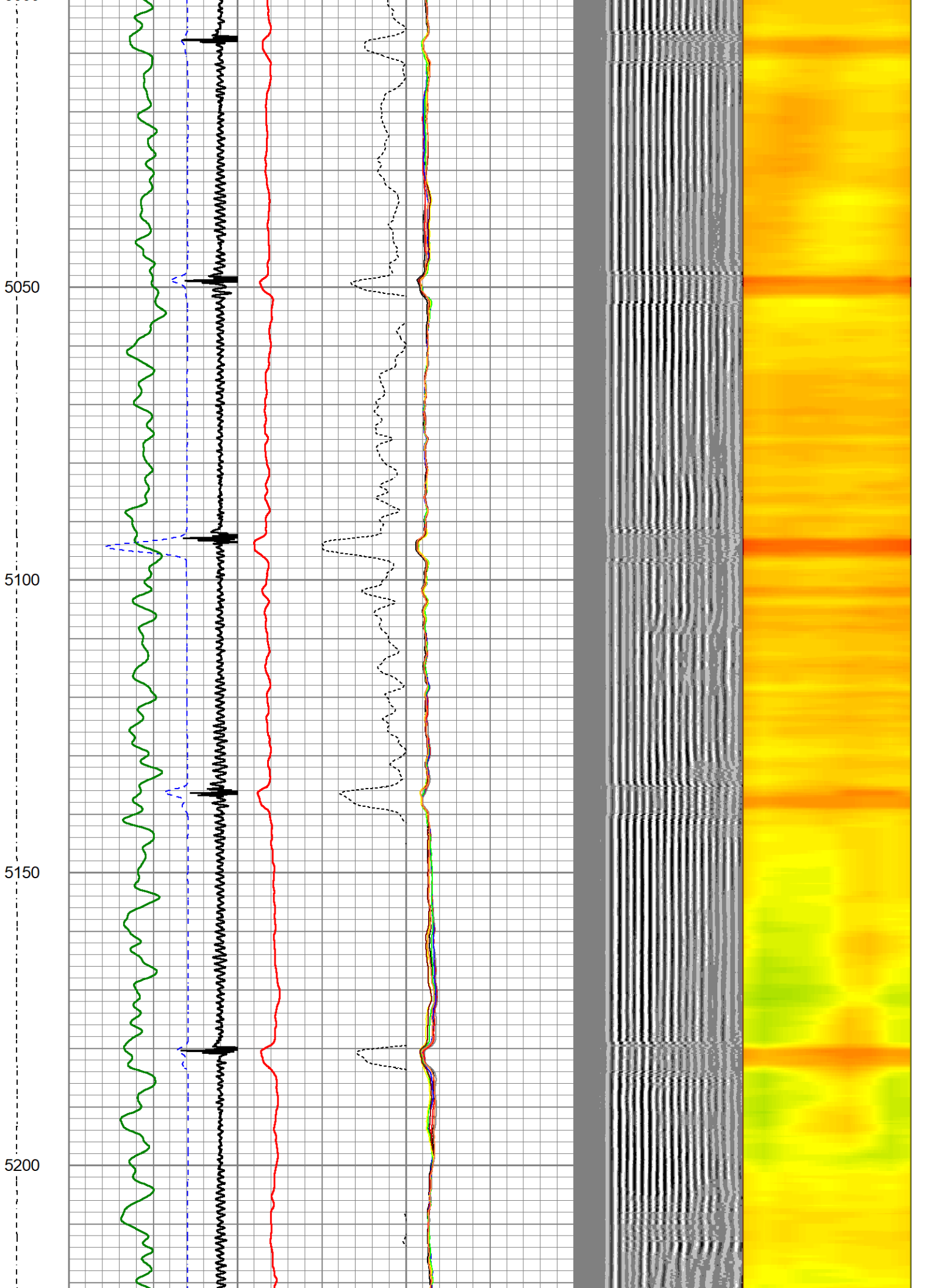
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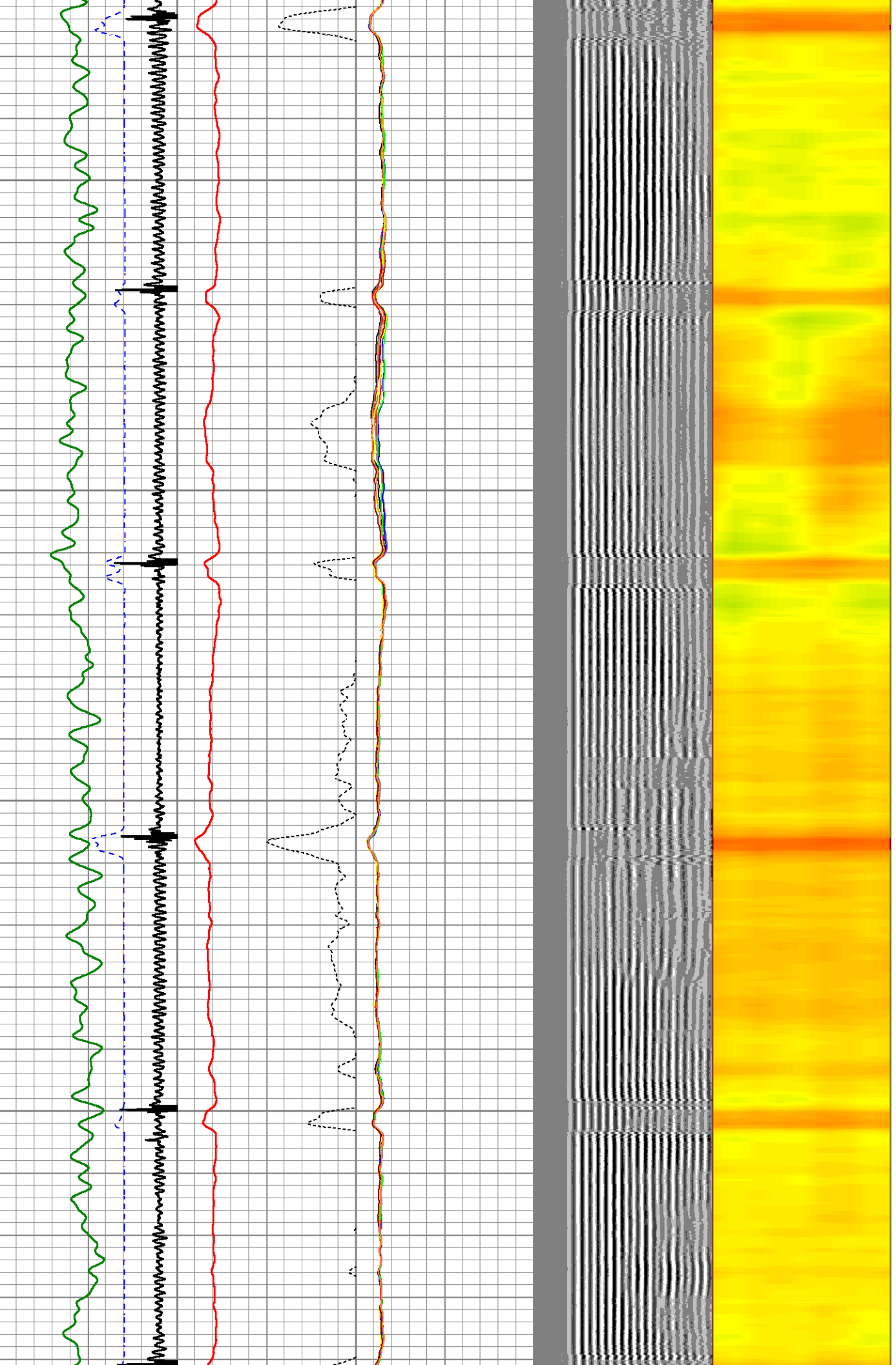


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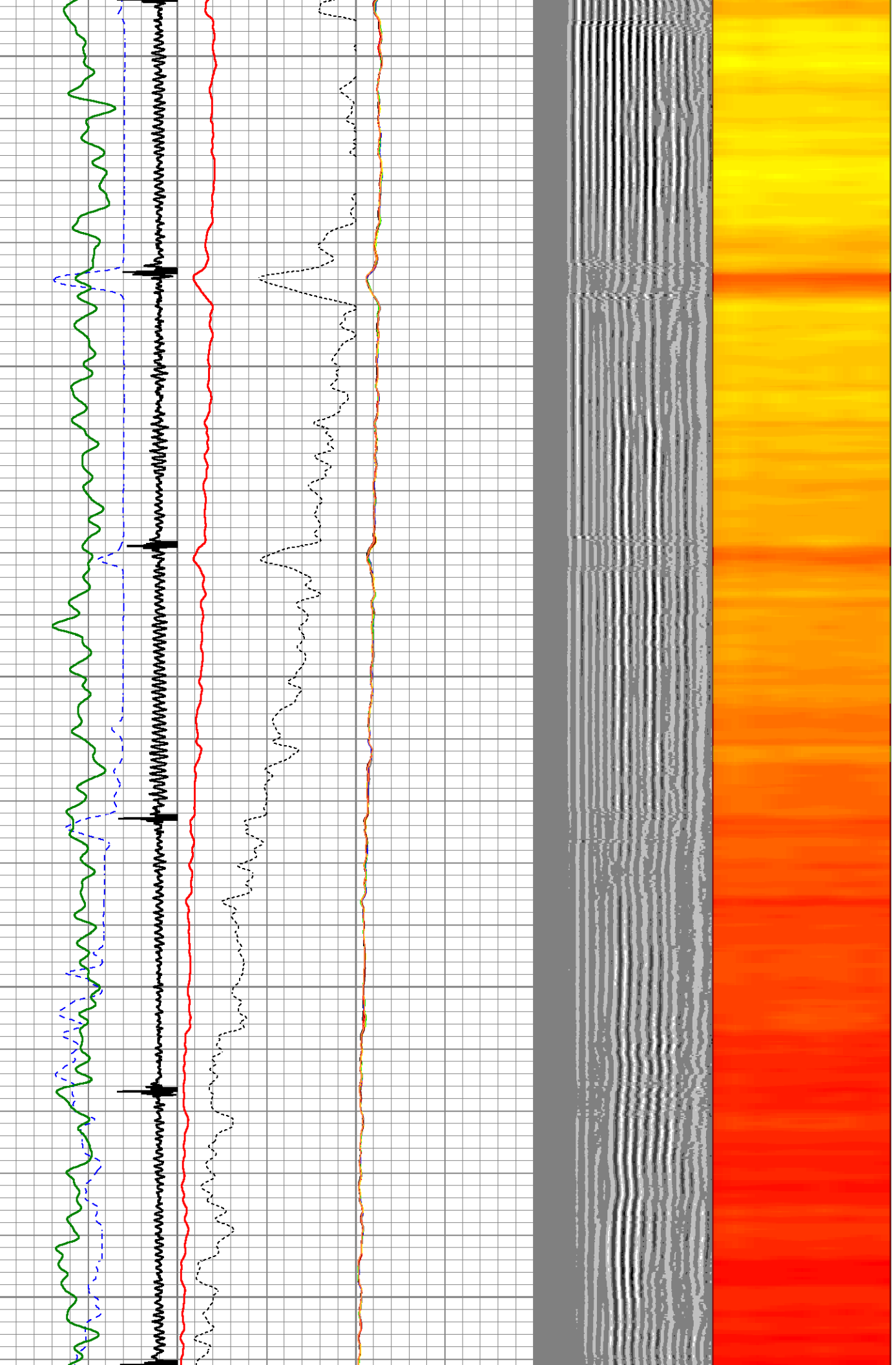
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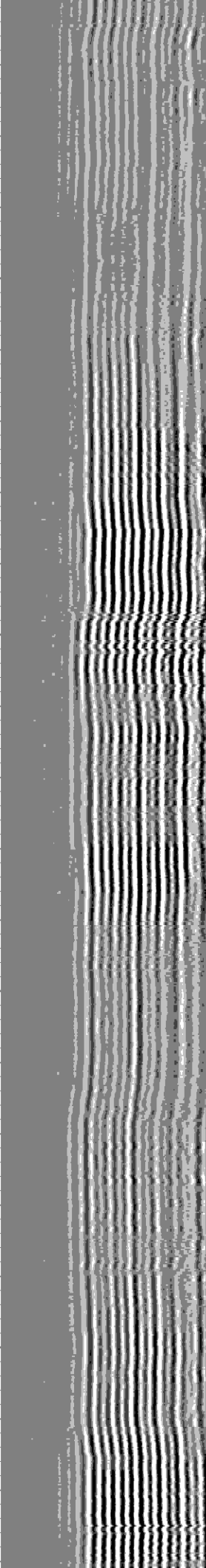
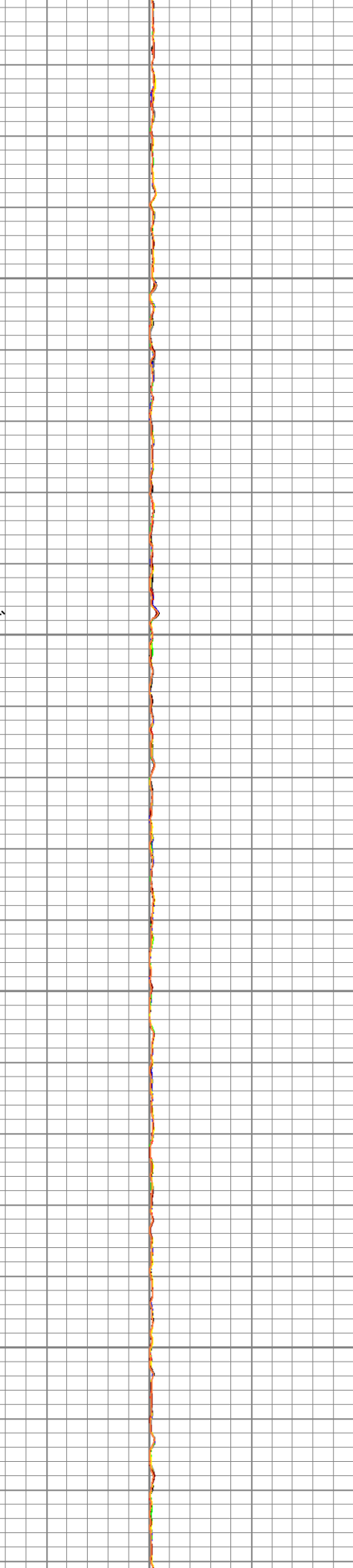
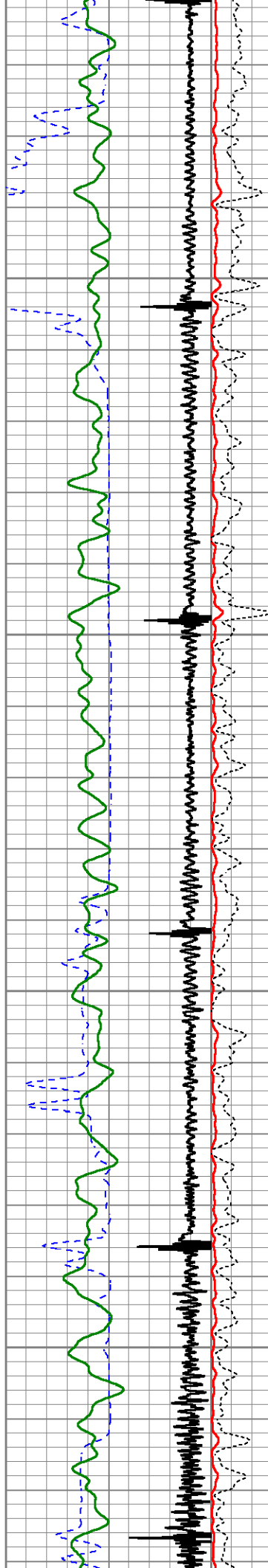


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5850



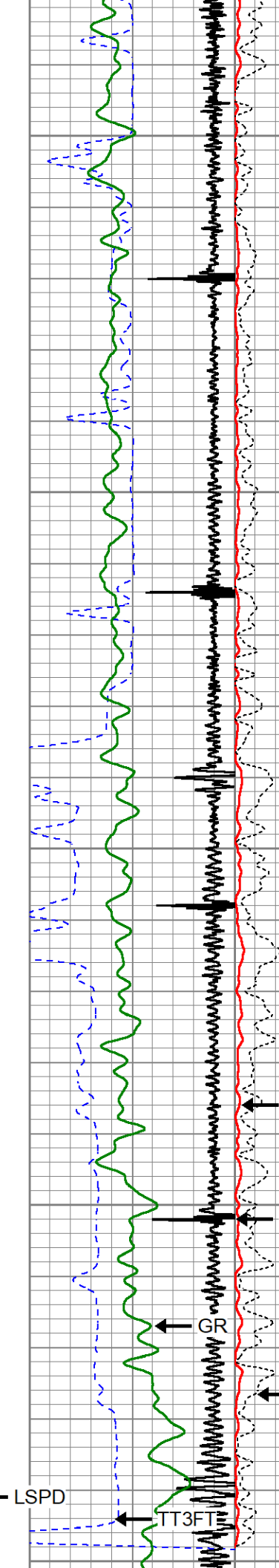
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5950

6000

6050

6100



AMP3FT

CCL

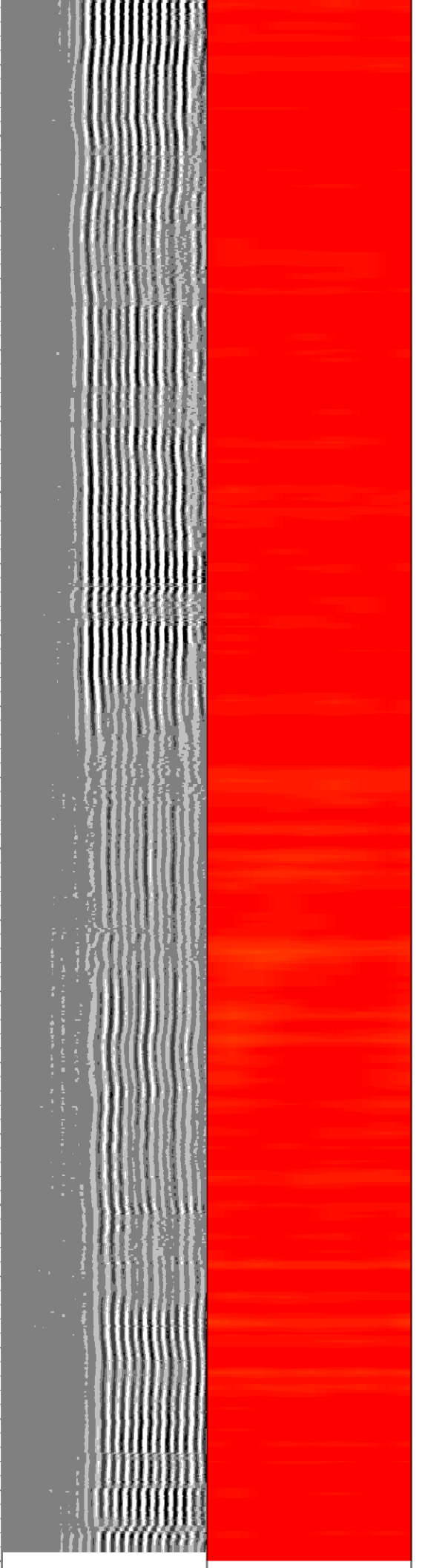
GR

AMP5FT

LSPD

TT3FT

- ← AMPS1
- ← AMPS2
- ← AMPS3
- ← AMPS4
- ← AMPS5
- ← AMPS6
- ← AMPS7



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	0	AMPx5 (mV)	20	0	AMPS2	150						
0	-250	0	GR (GAPI)	150				0	AMPS3	150					
		150	GR (GAPI)	500				0	AMPS4	150					
								0	AMPS5	150					
								0	AMPS6	150					
								0	AMPS7	150					
								0	AMPS8	150					

Calibration Report

Database File 4--latham-41-1-rcbl.db
 Dataset Pathname m
 Dataset Creation Thu Aug 14 11:21:45 2025

Gamma Ray Calibration Report

Serial Number: 27GRL10-XXXX
 Tool Model: 27GRL10
 Performed: Mon Mar 11 13:46:24 2024

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.5000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: Greeley Ext Temp
 Tool Model: 27SBT10

Calibration Casing Diameter: 4.500 in
 Calibration Depth: 74.858 ft

Master Calibration, performed Thu Aug 14 11:06:09 2025:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.016	0.982	0.250	81.196	83.783	-1.060
CAL	1.000	1.000				
5'	0.018	0.773	0.250	81.196	107.315	-1.733
SUM						
S1	0.031	0.992	0.000	81.196	84.535	-2.654
S2	0.014	0.963	0.000	81.196	85.492	-1.166
S3	0.017	0.969	0.000	81.196	85.319	-1.463
S4	0.017	0.952	0.000	81.196	86.851	-1.454
S5	0.015	0.954	0.000	81.196	86.468	-1.263
S6	0.014	0.975	0.000	81.196	84.407	-1.141
S7	0.012	0.971	0.000	81.196	84.659	-1.036
S8	0.013	0.989	0.000	81.196	83.200	-1.052

Internal Reference Calibration, performed Thu Mar 10 14:36:00 2022:

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

Air Zero Calibration, performed Thu Aug 14 10:23:34 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	LATHAM 41-1	
Field	WATTENBURG	
County	WELD	
State	CO	Country USA