



**RADIAL BOND TOOL
GAMMA RAY
CCL**

Company CIVITAS
Well ANTELOPE 13-29
Field WATTENBURG
County WELD
State CO
Country USA

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Field WATTENBURG
County WELD
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Location: 40.367500 -104.351380
API #: 05-123-33176
Other Services
Permanent Datum SEC 29 TWP 5N RGE 62W
Log Measured From 10 FT
Drilling Measured From KB
Elevation 4598'
Elevation
K.B. ---
D.F. ---
G.L. 4598'

Date 23-JULY-2025
Run Number ONE
Depth Driller 6760'
Depth Logger 6205'
Bottom Logged Interval 6200'
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 Rick Sheets

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To


Casing Record
Surface String 8 5/8" Size 24# Wgt/Ft 465'
Prot. String 4 1/2" 11.6# SURFACE SURFACE
Production String
Liner

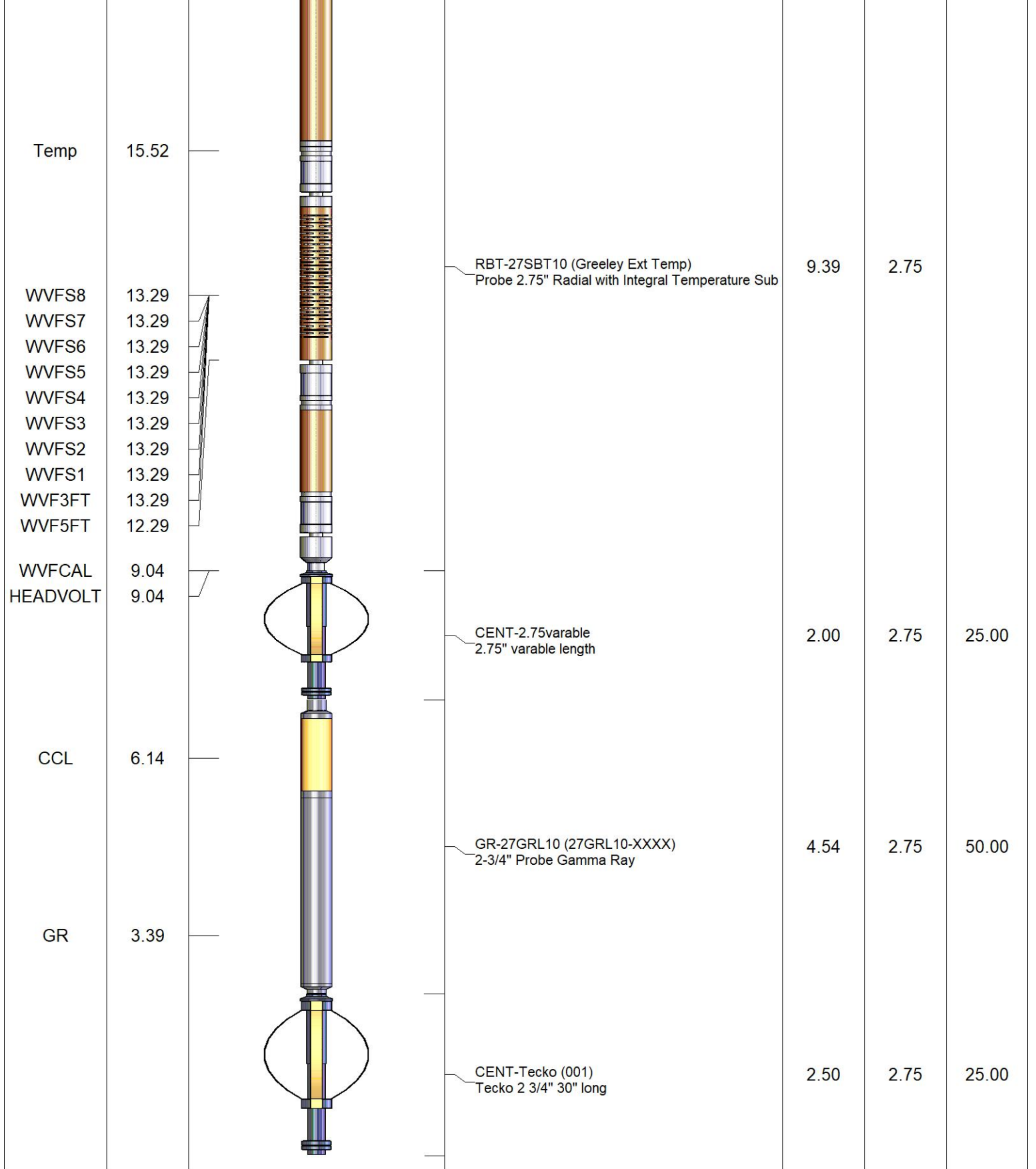
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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
SECTORS SPREAD DUE TO DEVIATION
GAS IN ANNULUS INDICATED FROM 140 FT TO SURFACE**

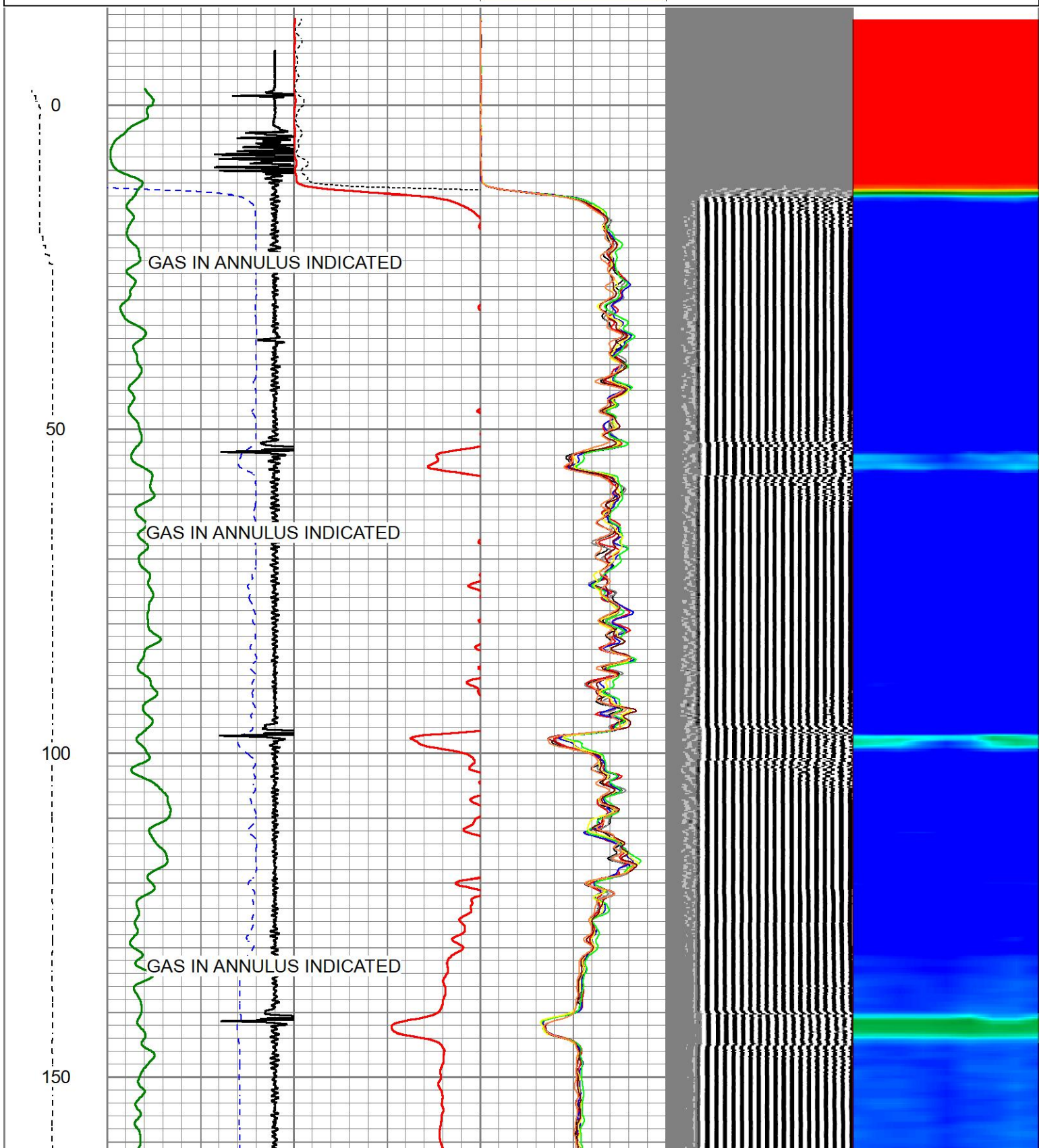
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HEADVOLT	18.38		CHD-1_7/16_Cabehead 1 7/16 Cablehead	1.00	1.44	5.00

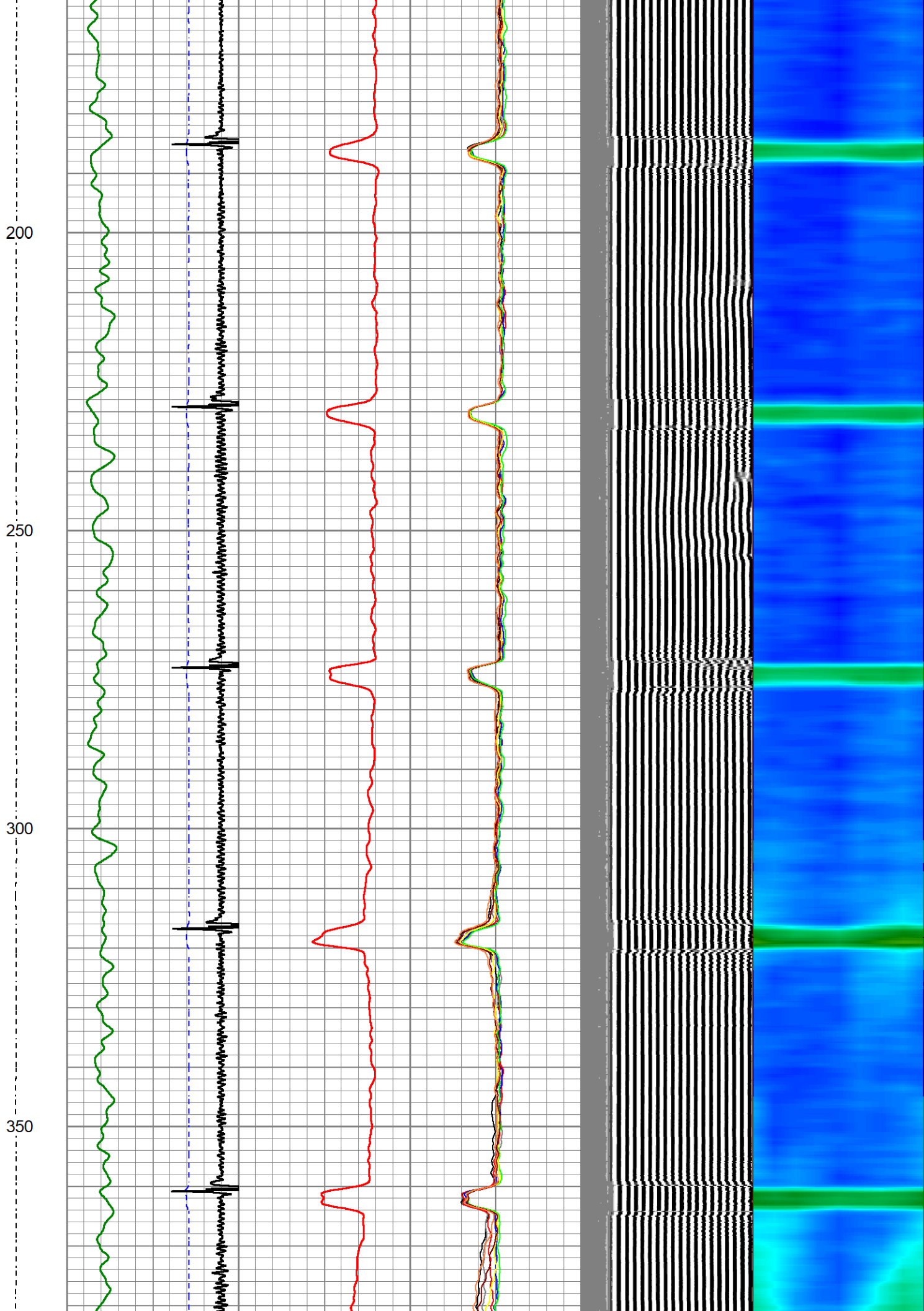


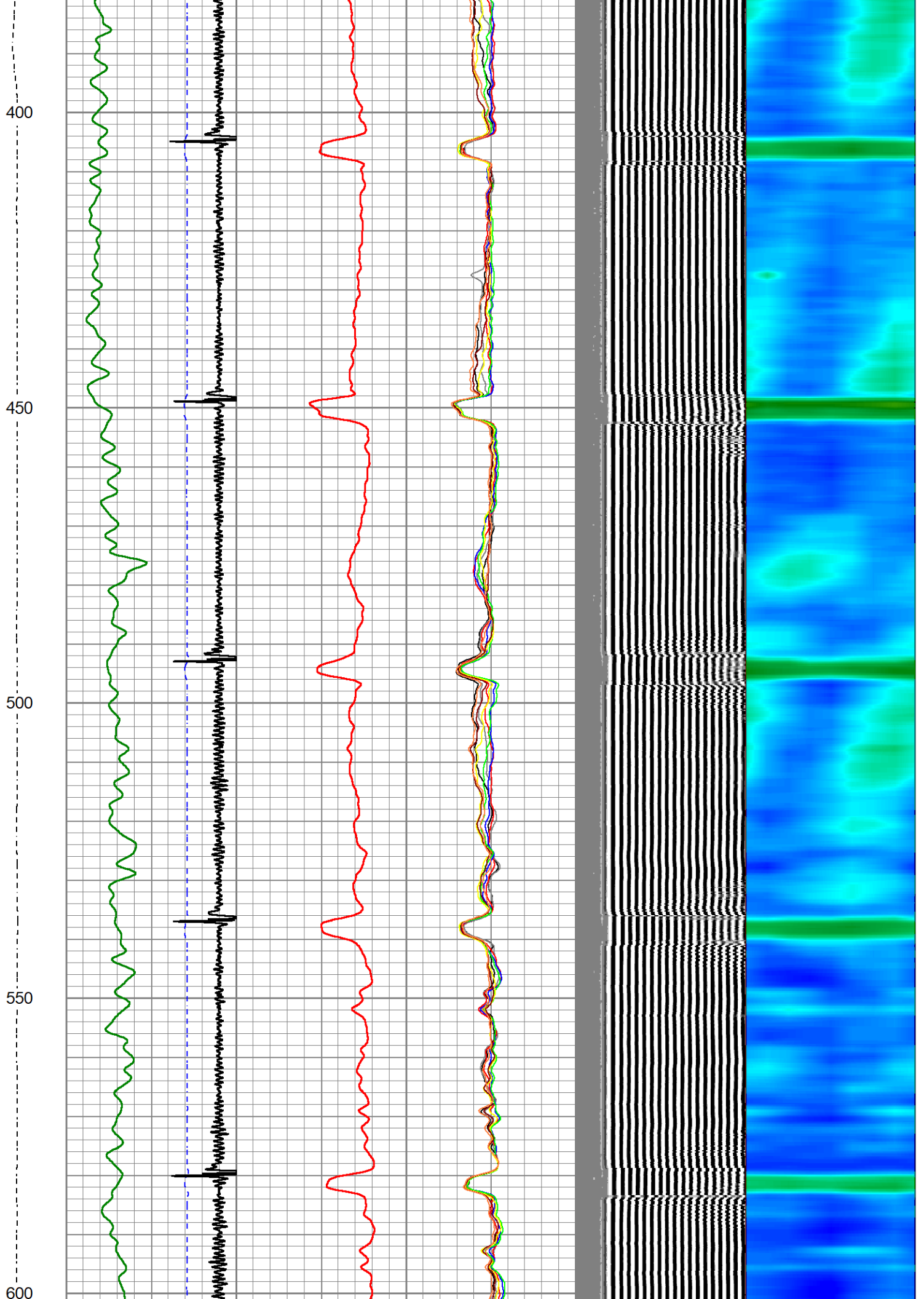
Dataset: 4-antelope-13-29-----rcbl.db: field/well/run1/dp
 Total length: 19.43 ft
 Total weight: 105.00 lb
 O.D.: 2.75 in

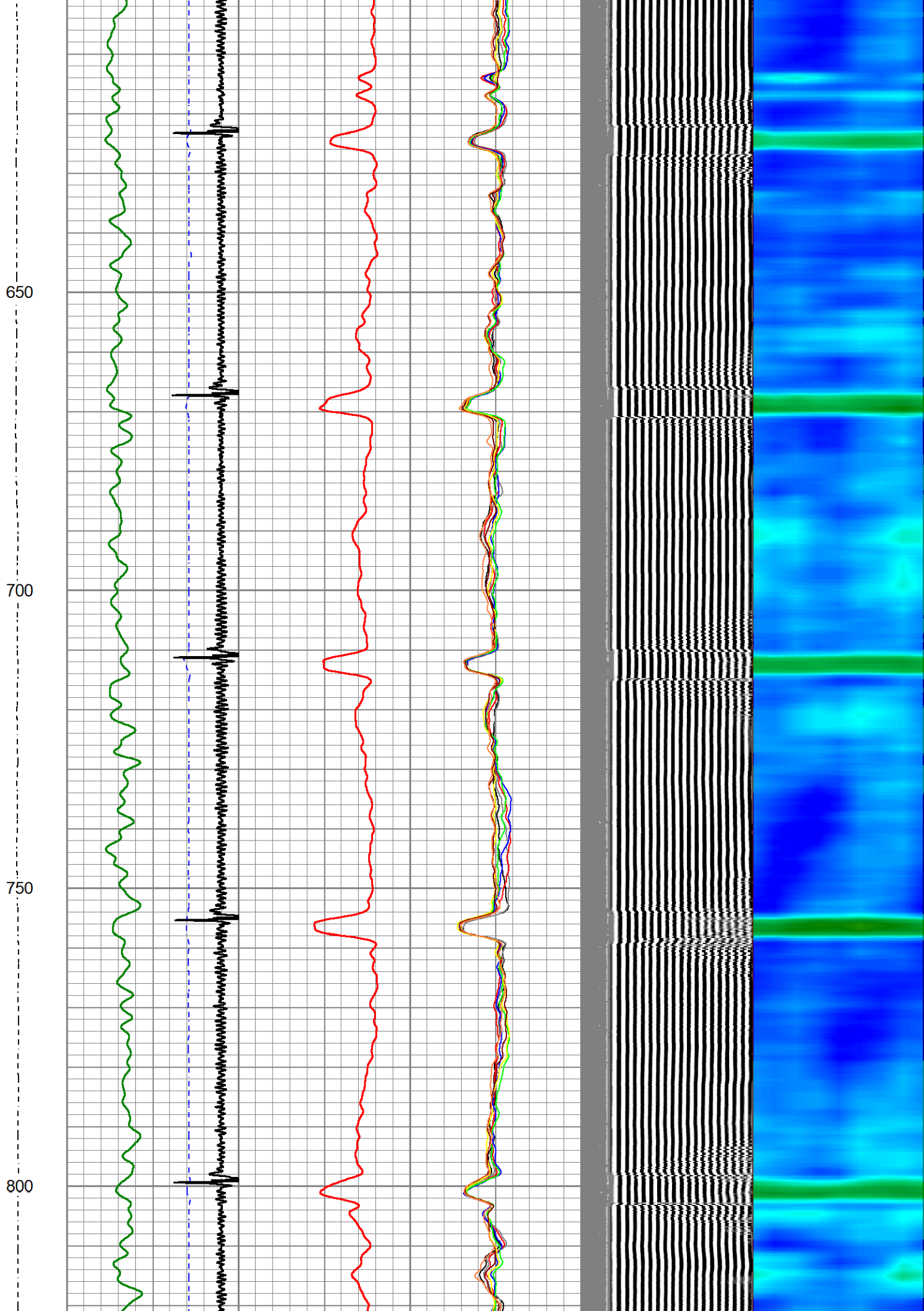
Database File 4-antelope-13-29-----rcbl.db
 Dataset Pathname mmain
 Presentation Format ips_rbtcolorcivitas2
 Dataset Creation Wed Jul 23 16:39:36 2025
 Charted by Depth in Foot scaled 1:240

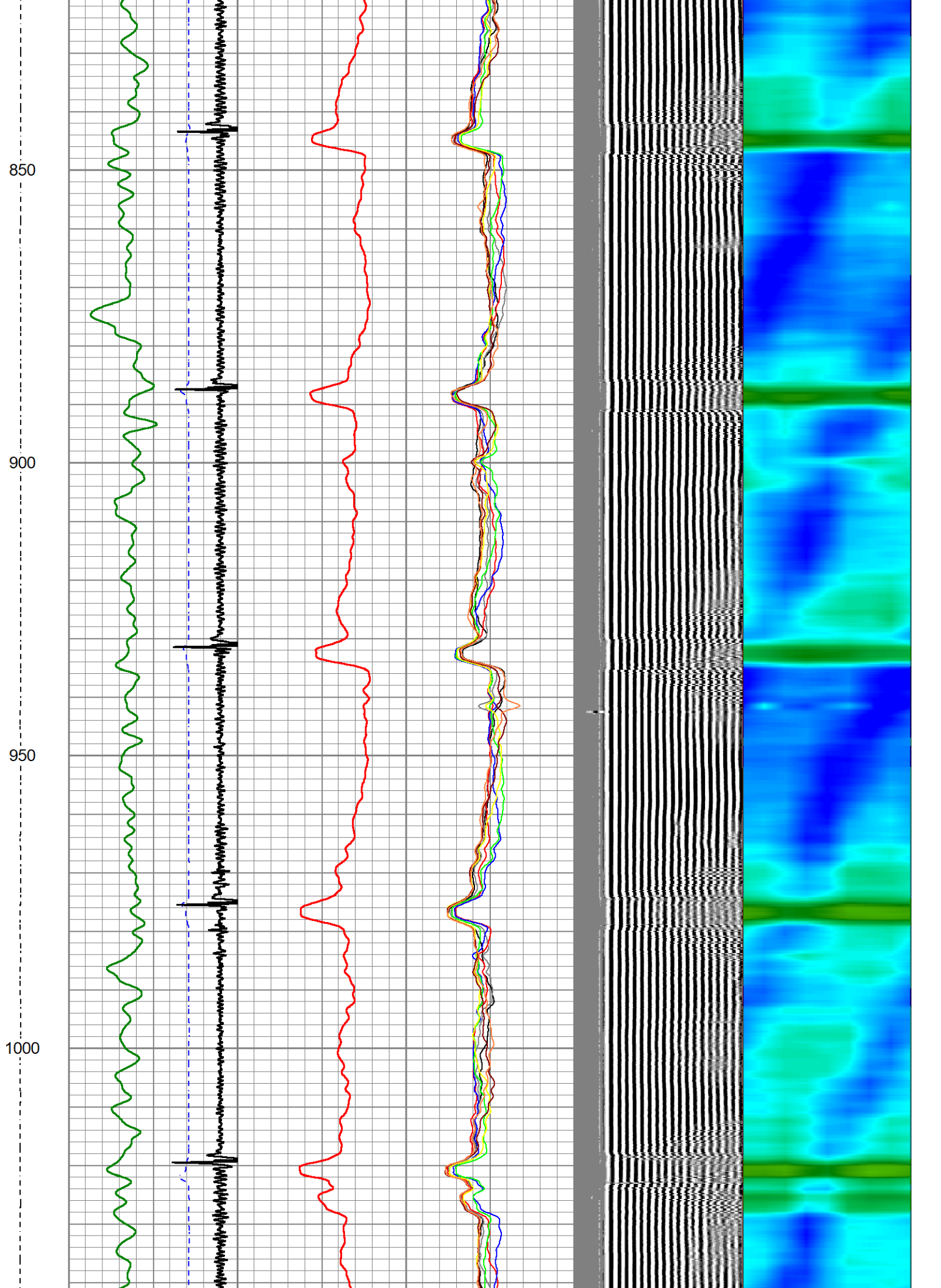
LSPD	650	TT (usec)	150	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
(ft/min)	-9	CCL	1	0	AMPx5 (mV)	20	0	AMPS2	150						
0	-250	GR (GAPI)	150					AMPS3	150						
		GR (GAPI)	500					AMPS4	150						
								AMPS5	150						
								AMPS6	150						
								AMPS7	150						
								AMPS8	150						



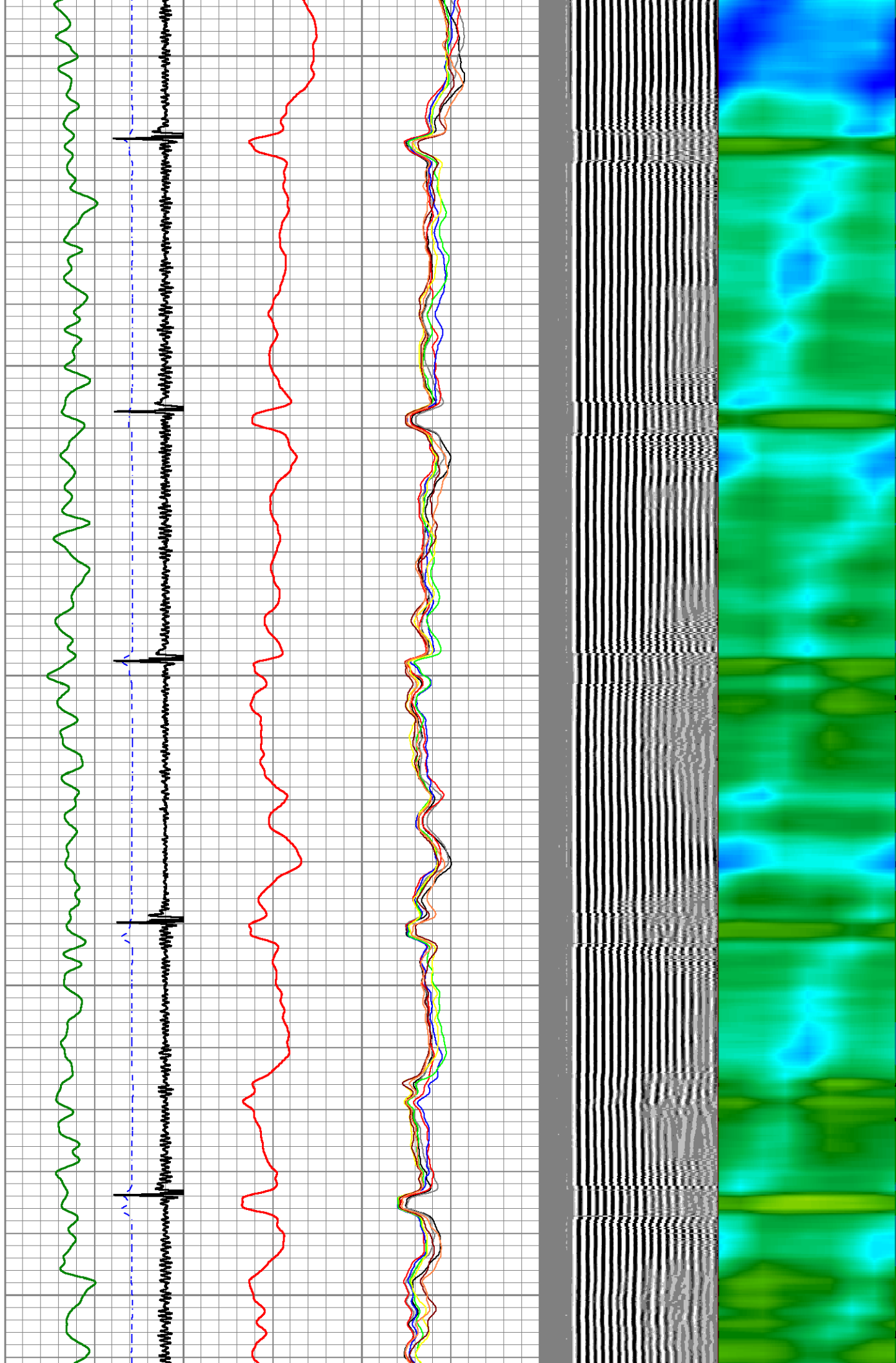








1050
1100
1150
1200
1250

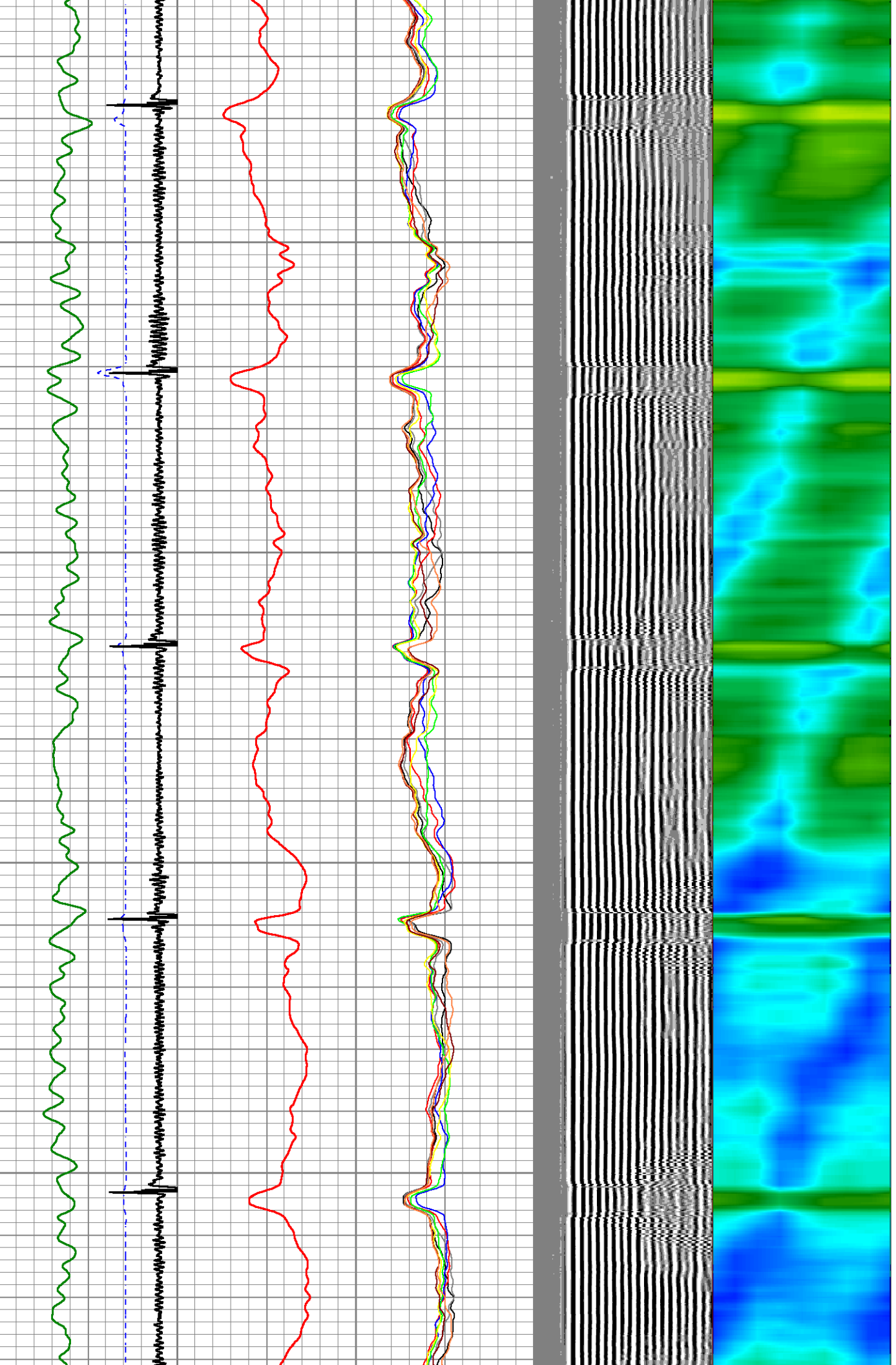


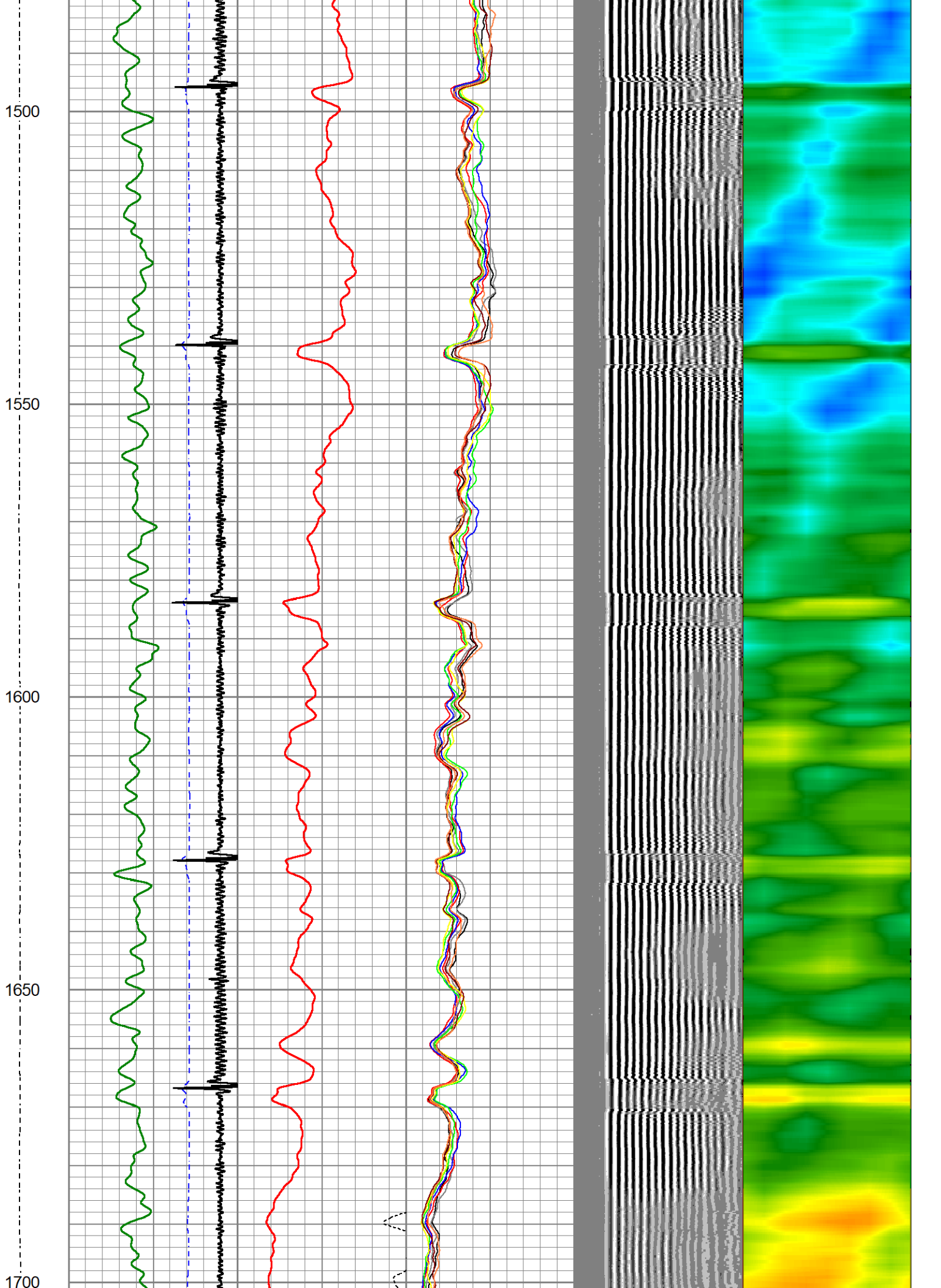
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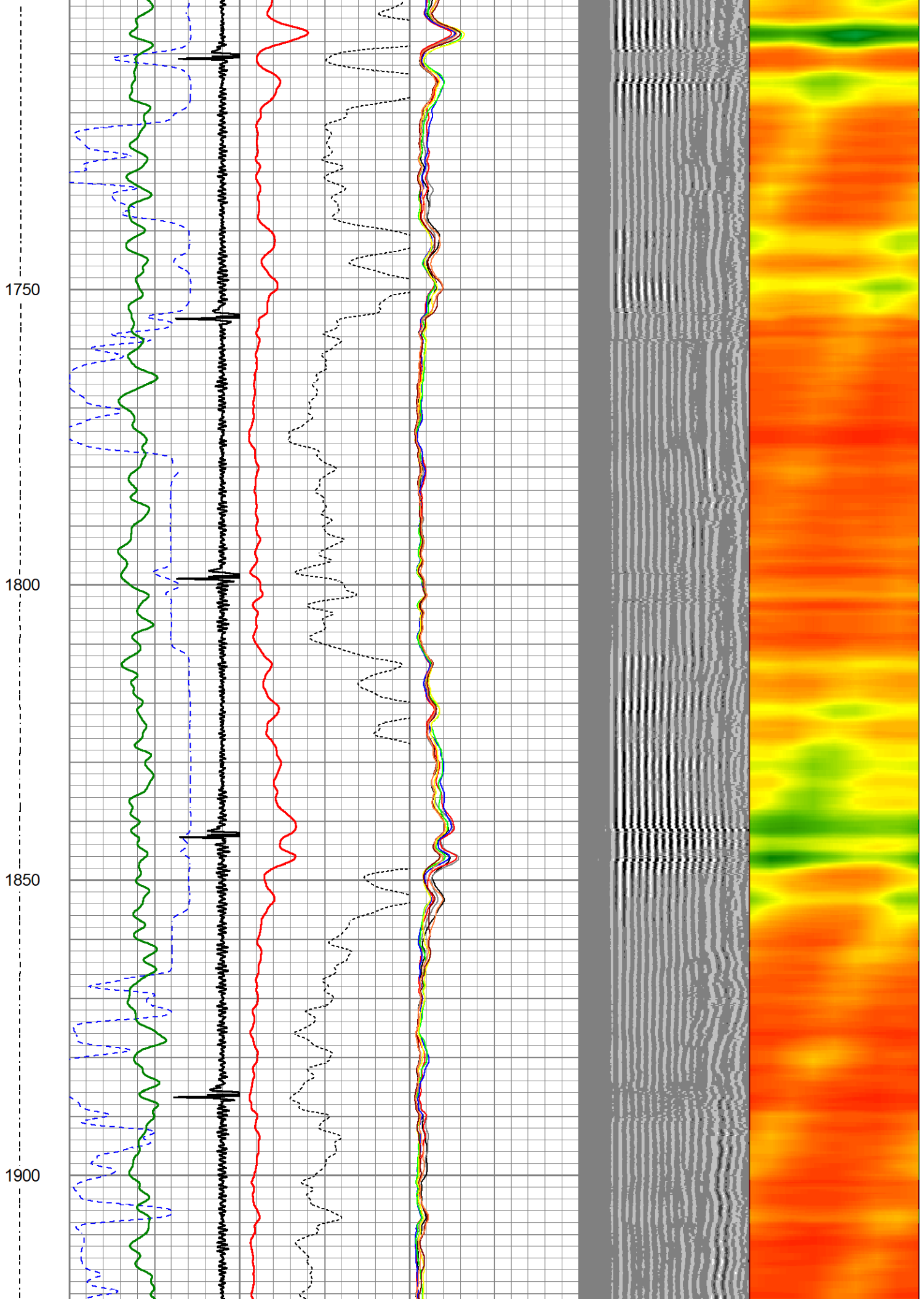
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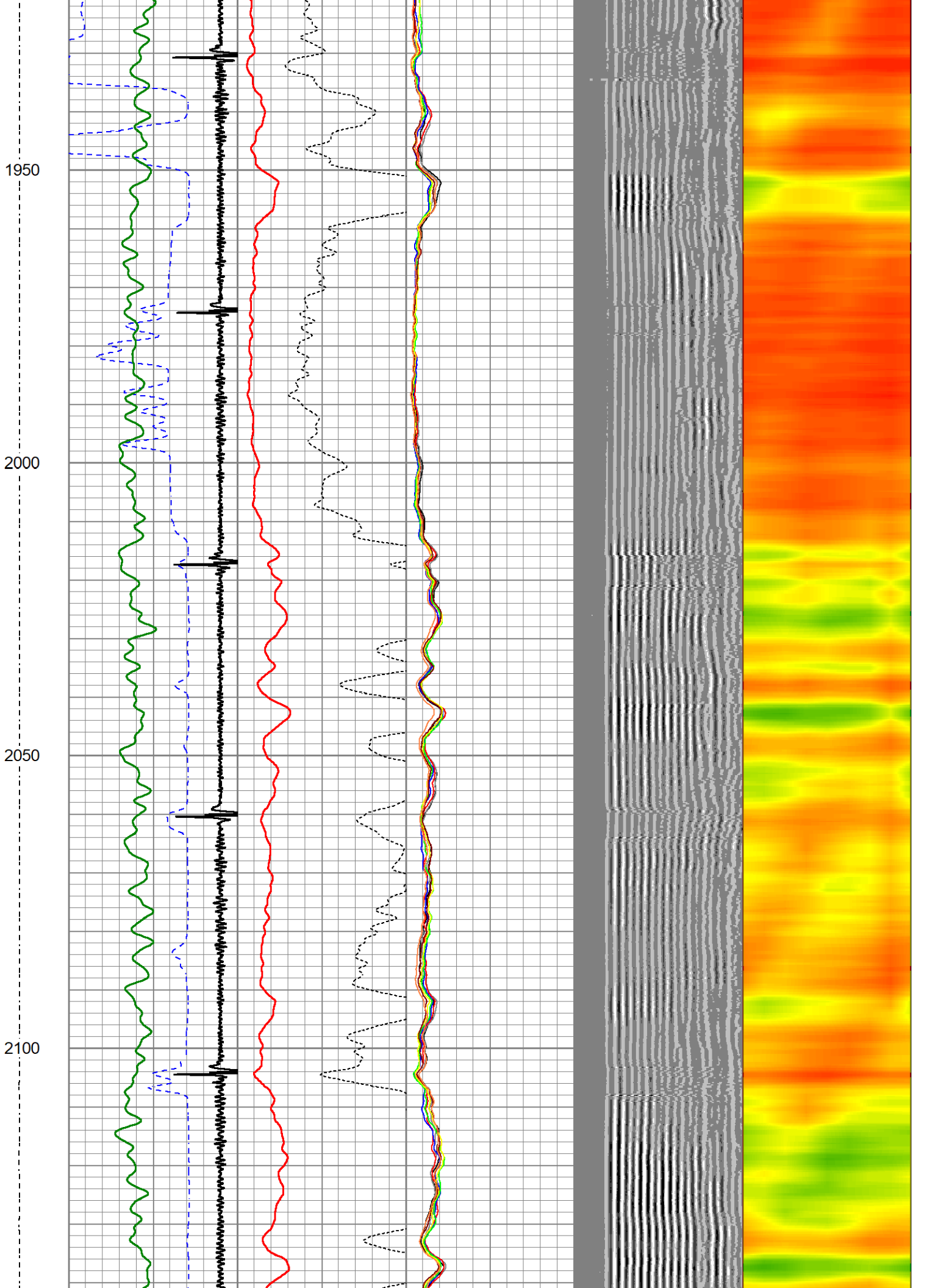
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1450









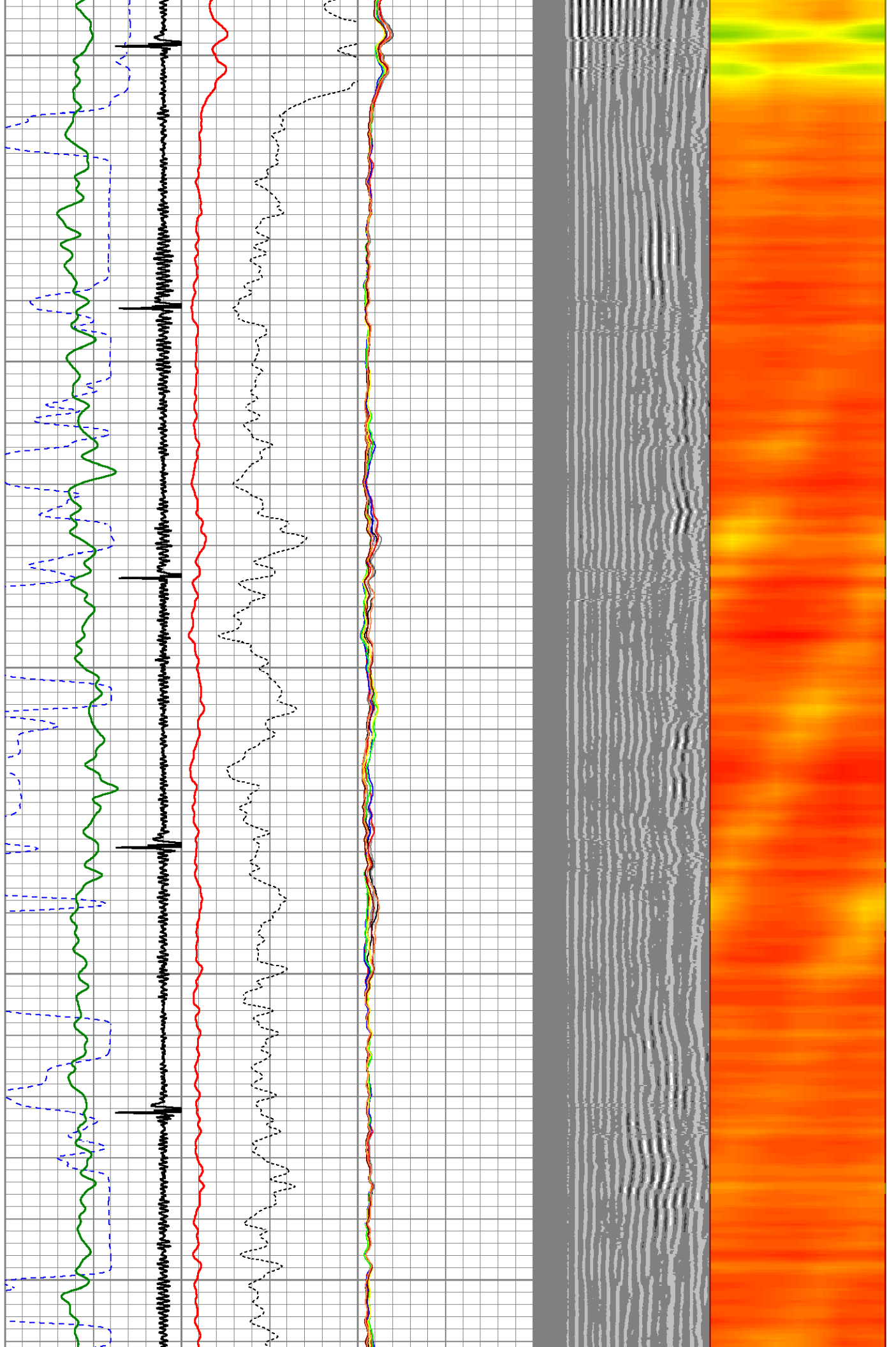
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2200

2250

2300

2350

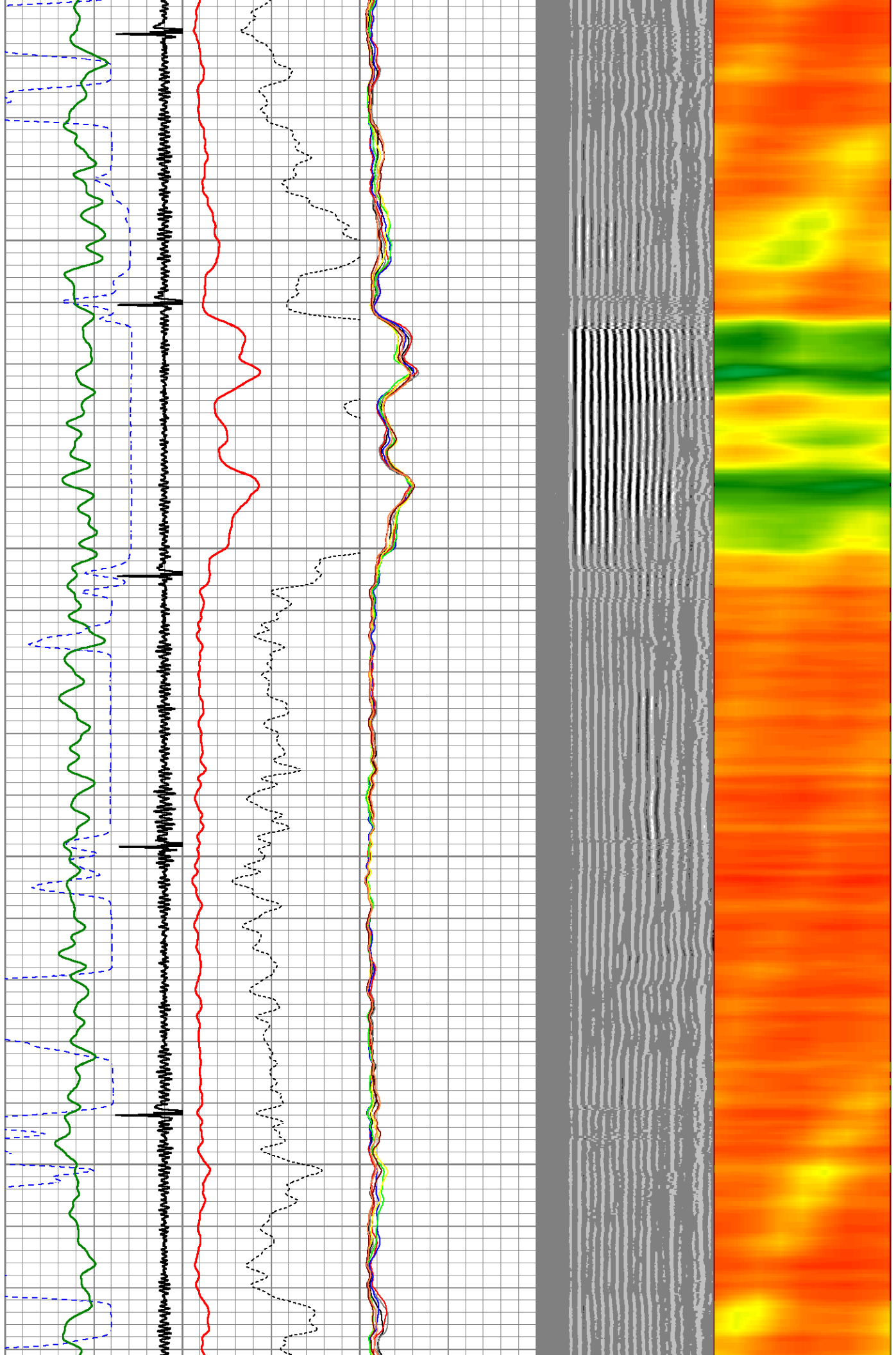


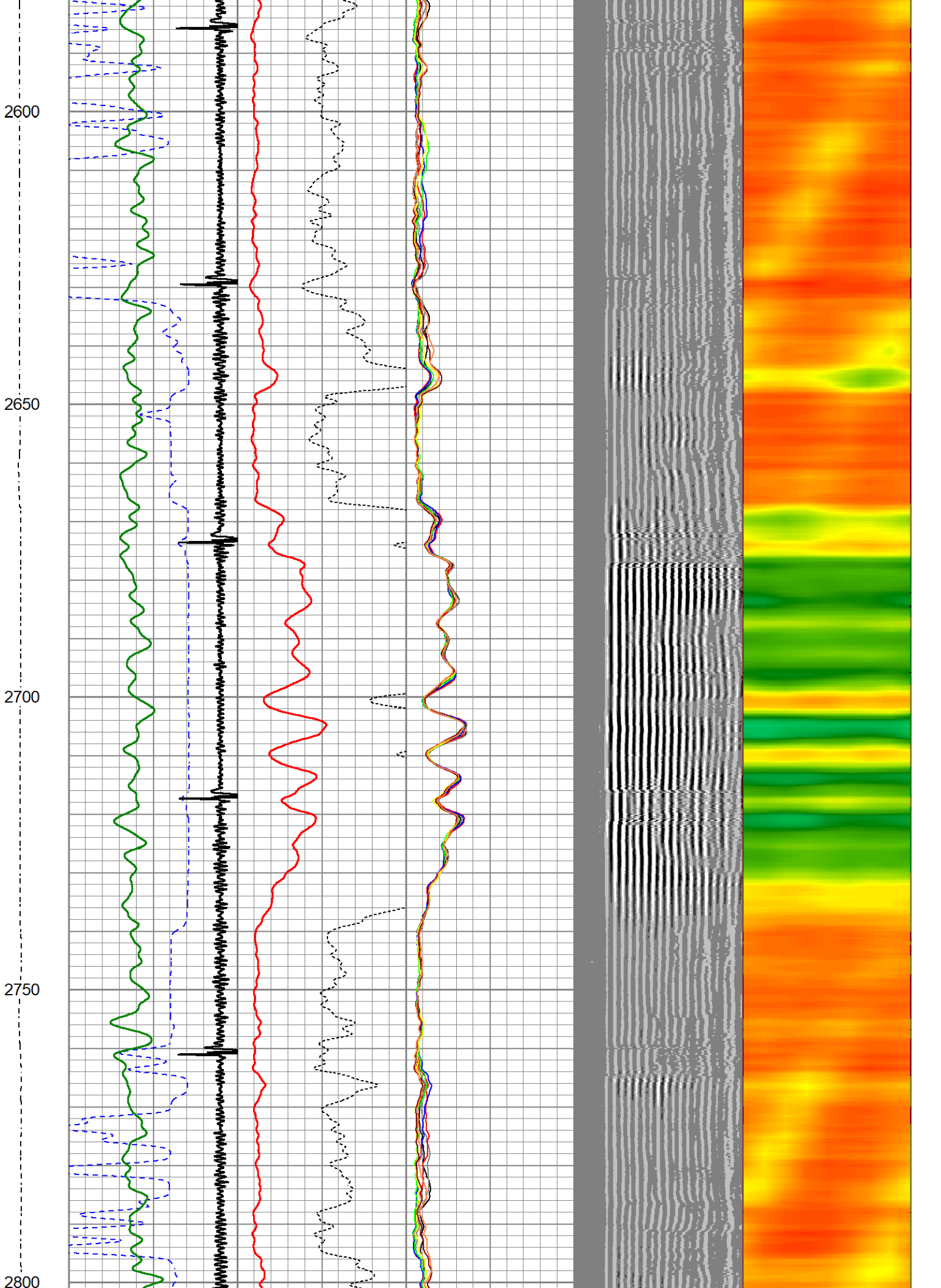
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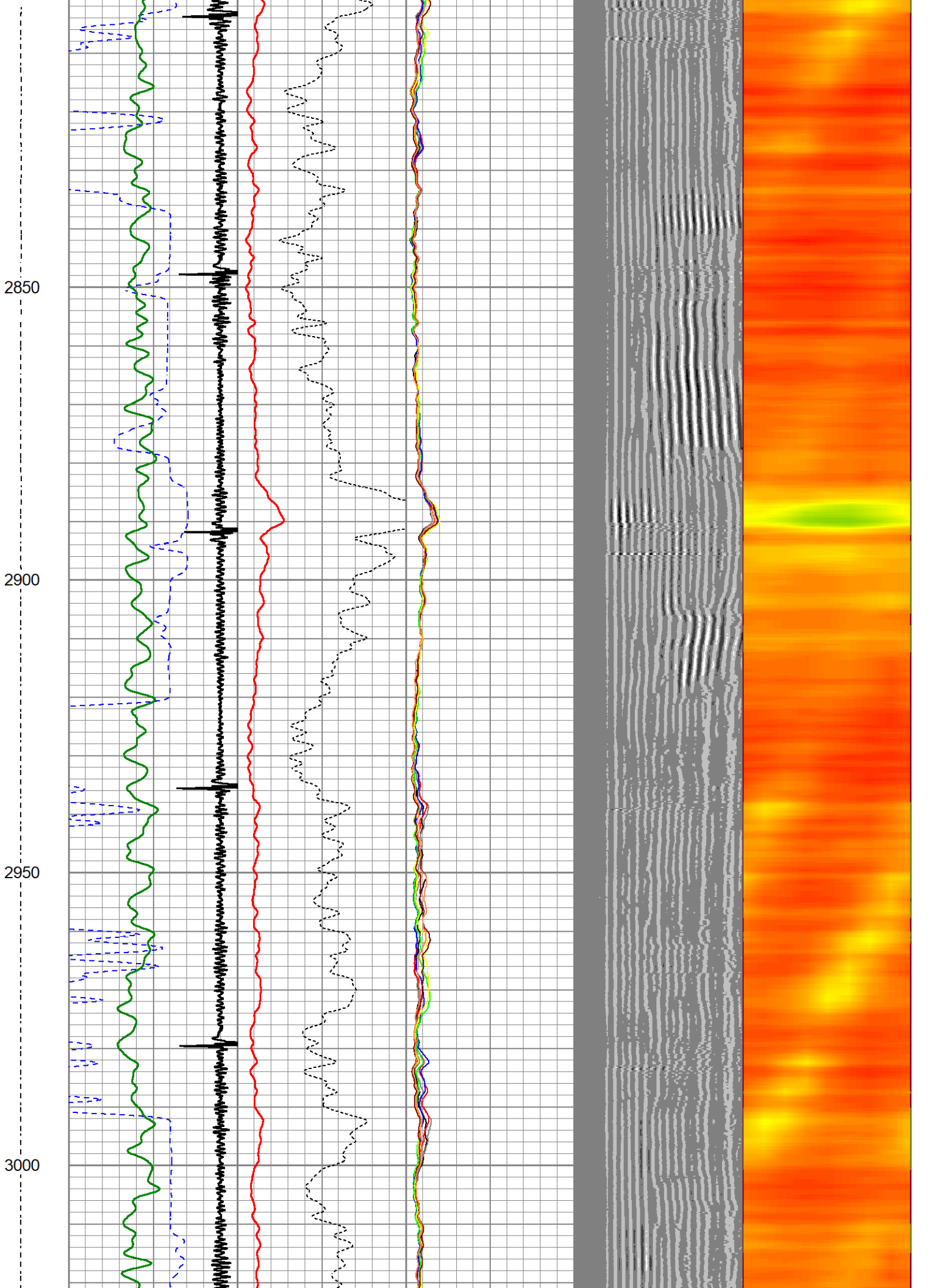
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2500

2550





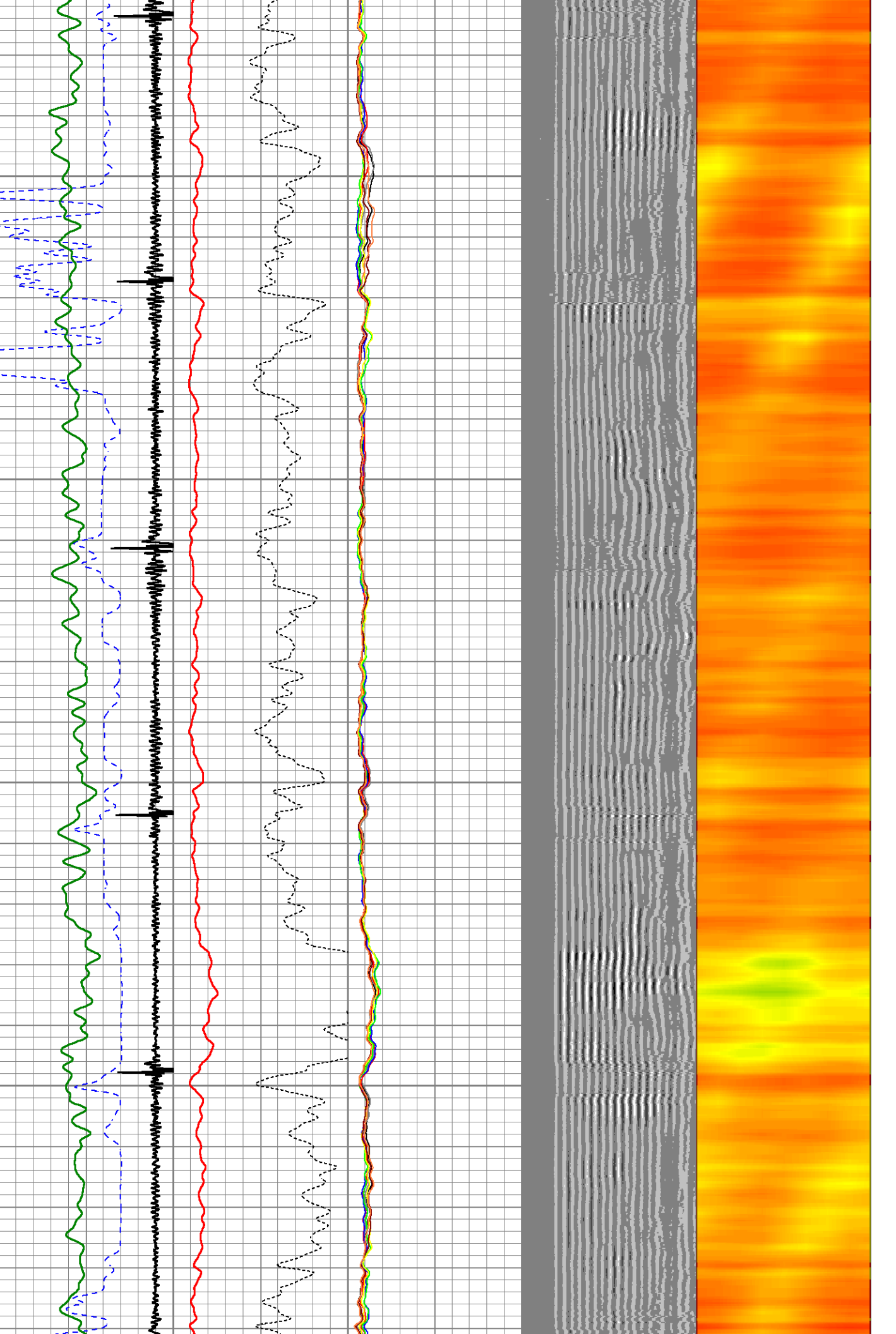


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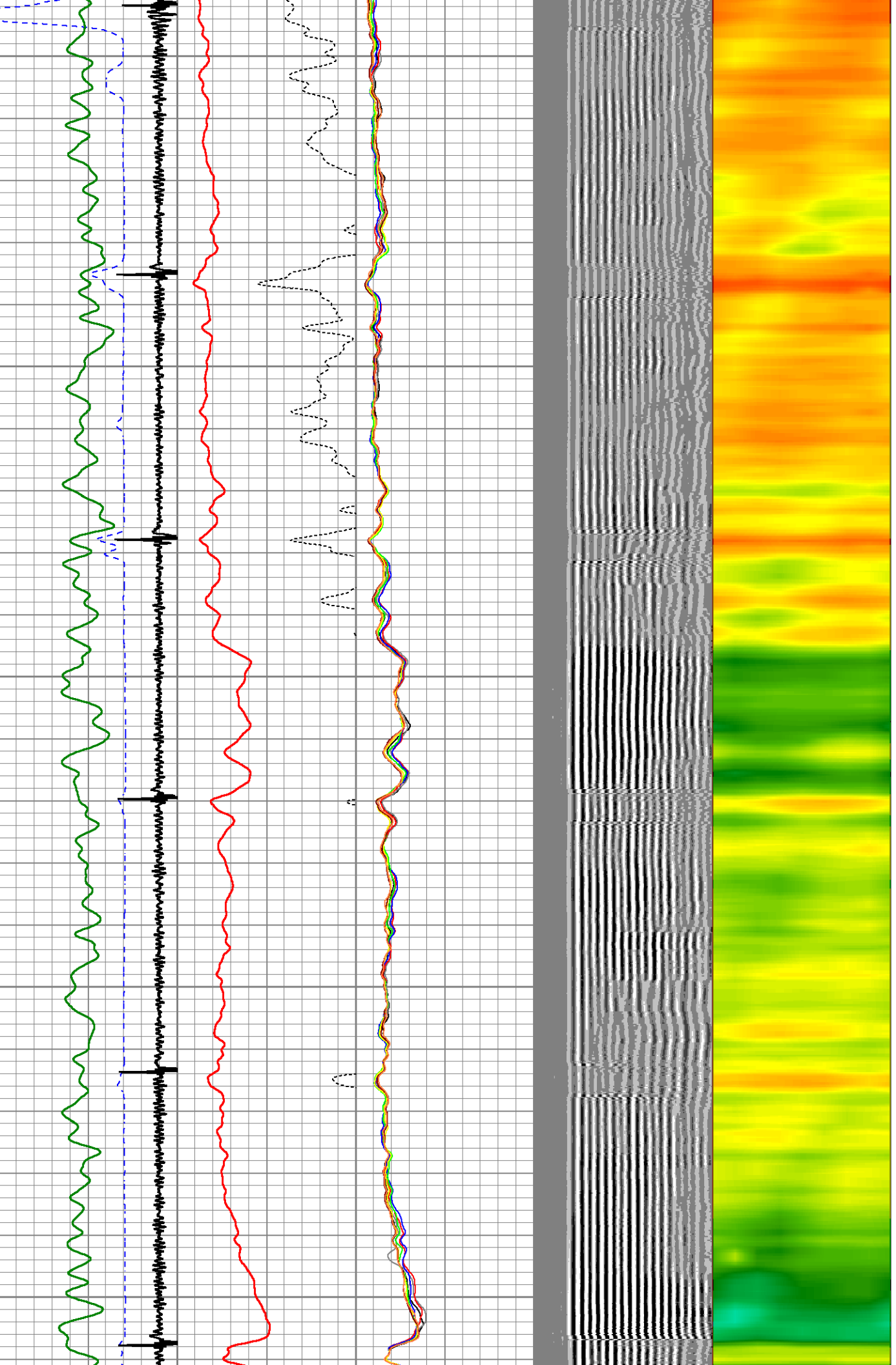
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3150

3200



3250
3300
3350
3400
3450

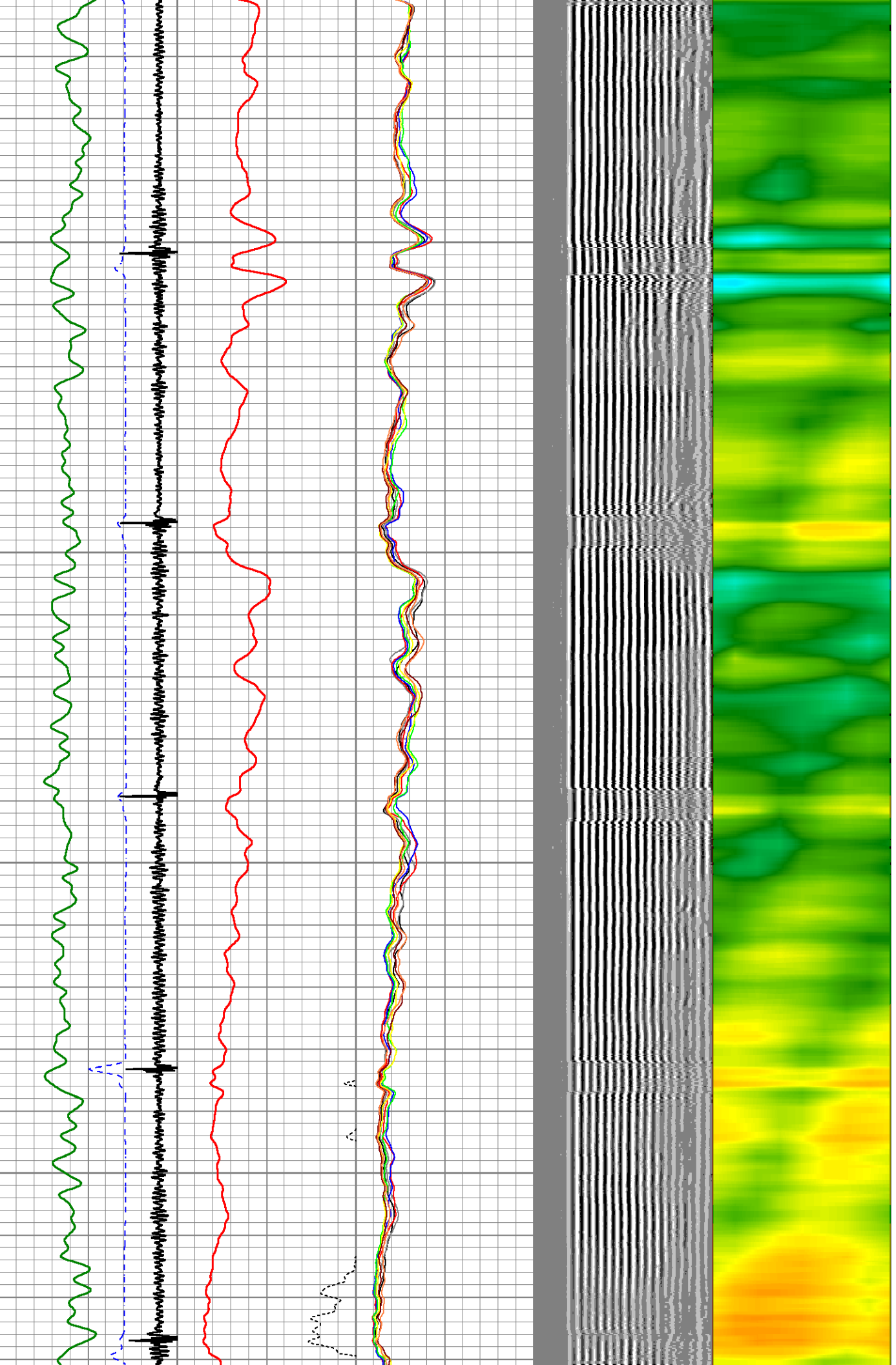


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3650



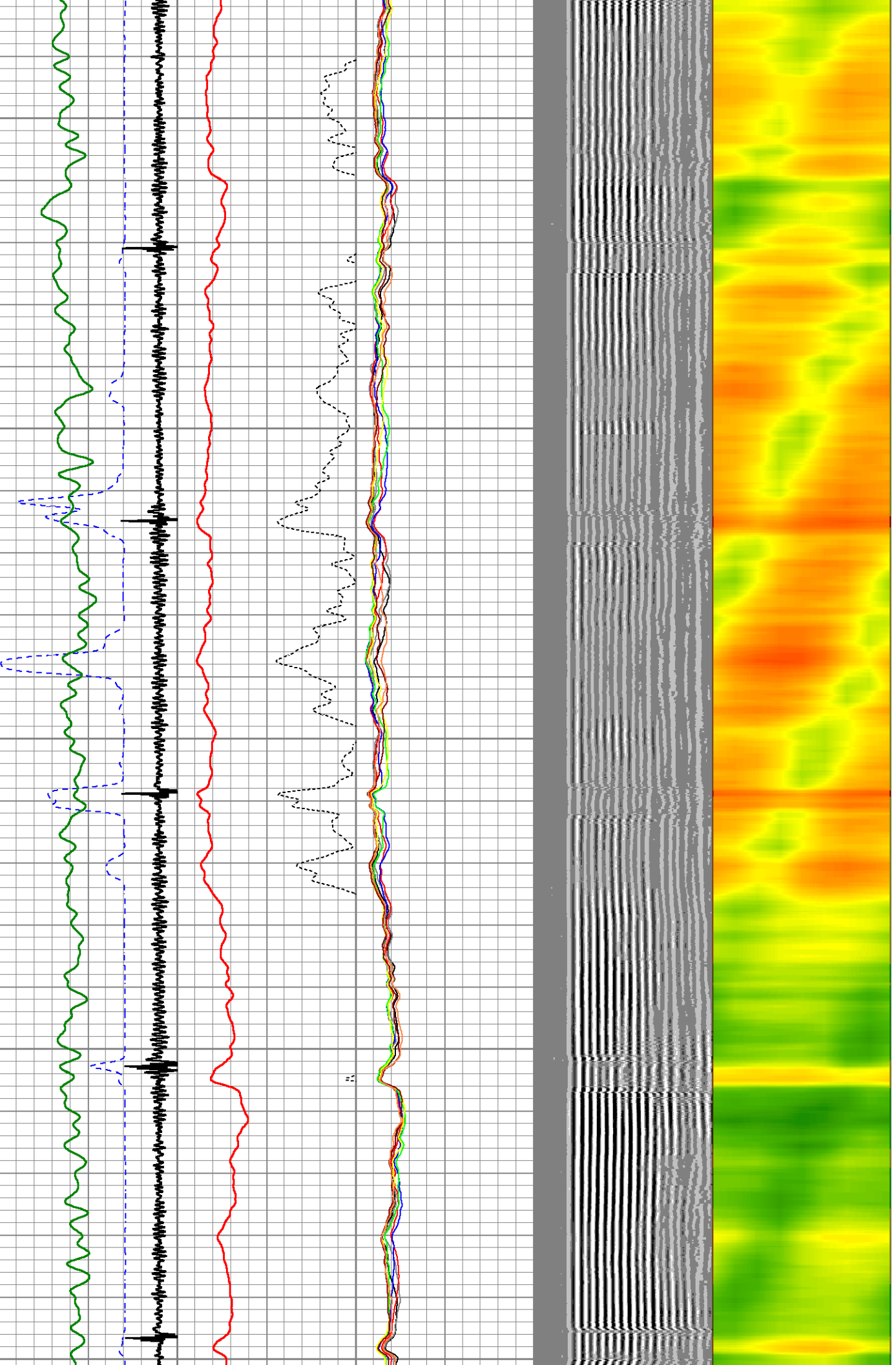
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3800

3850

3900

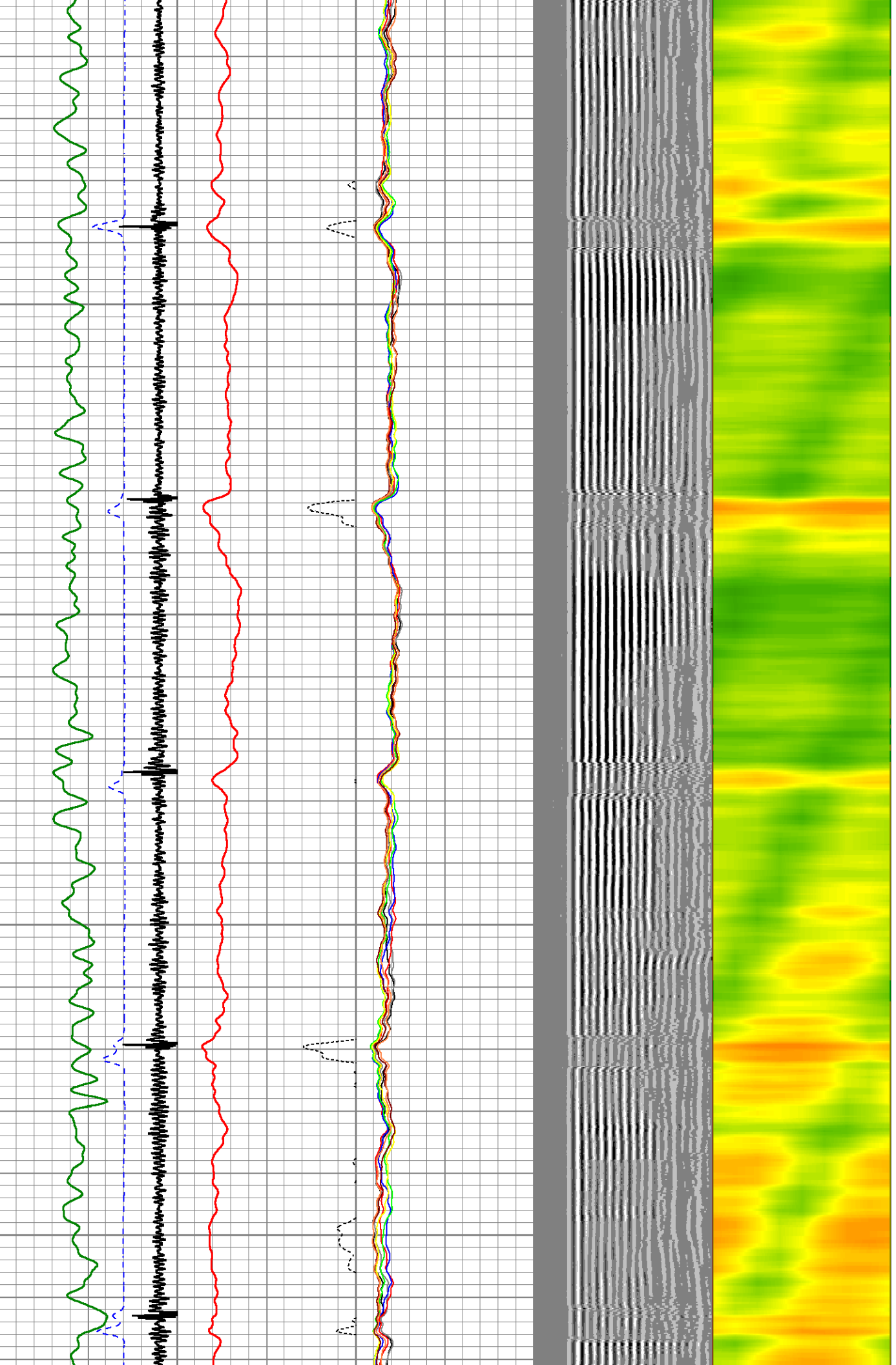


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4050

4100

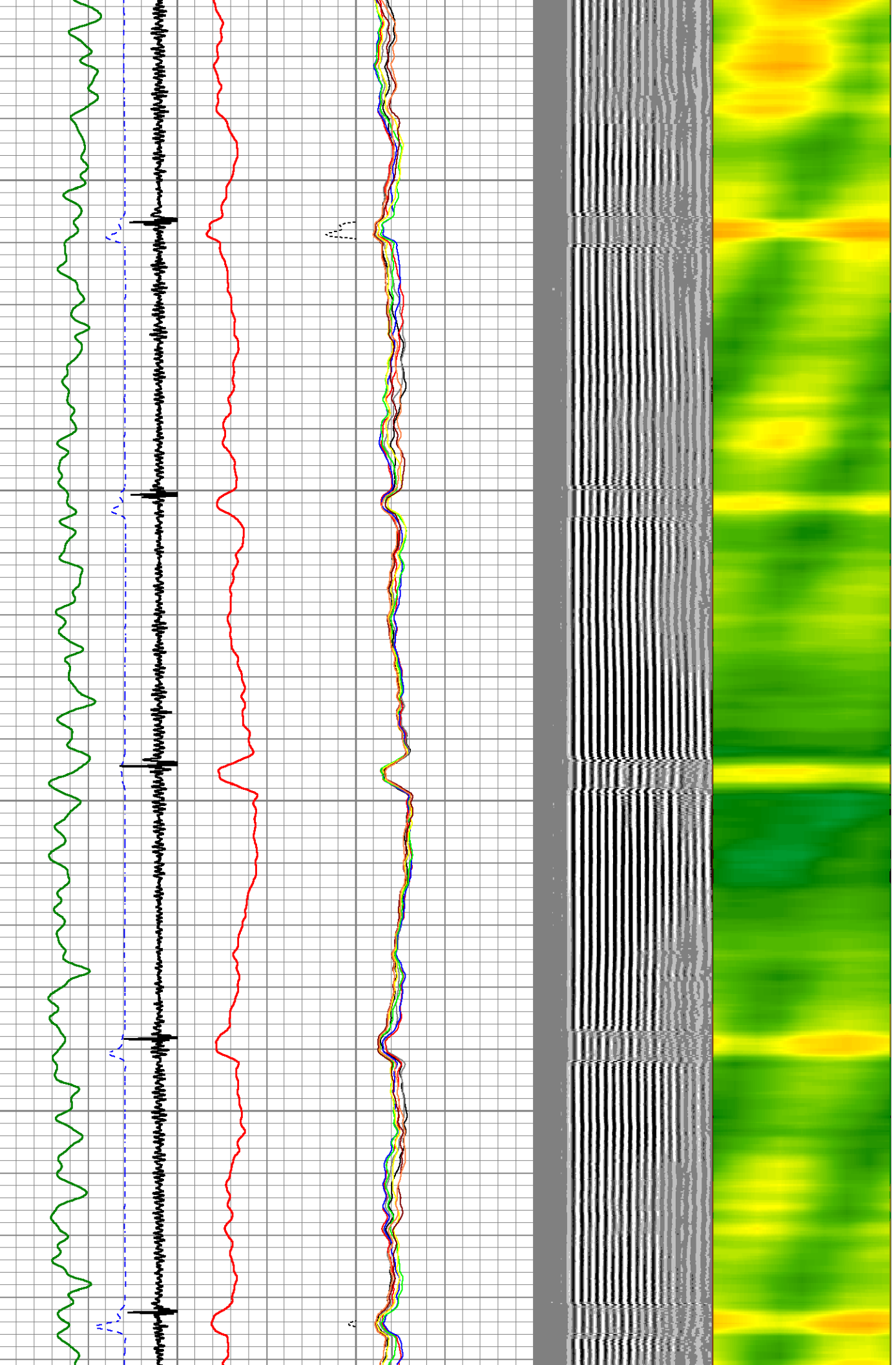


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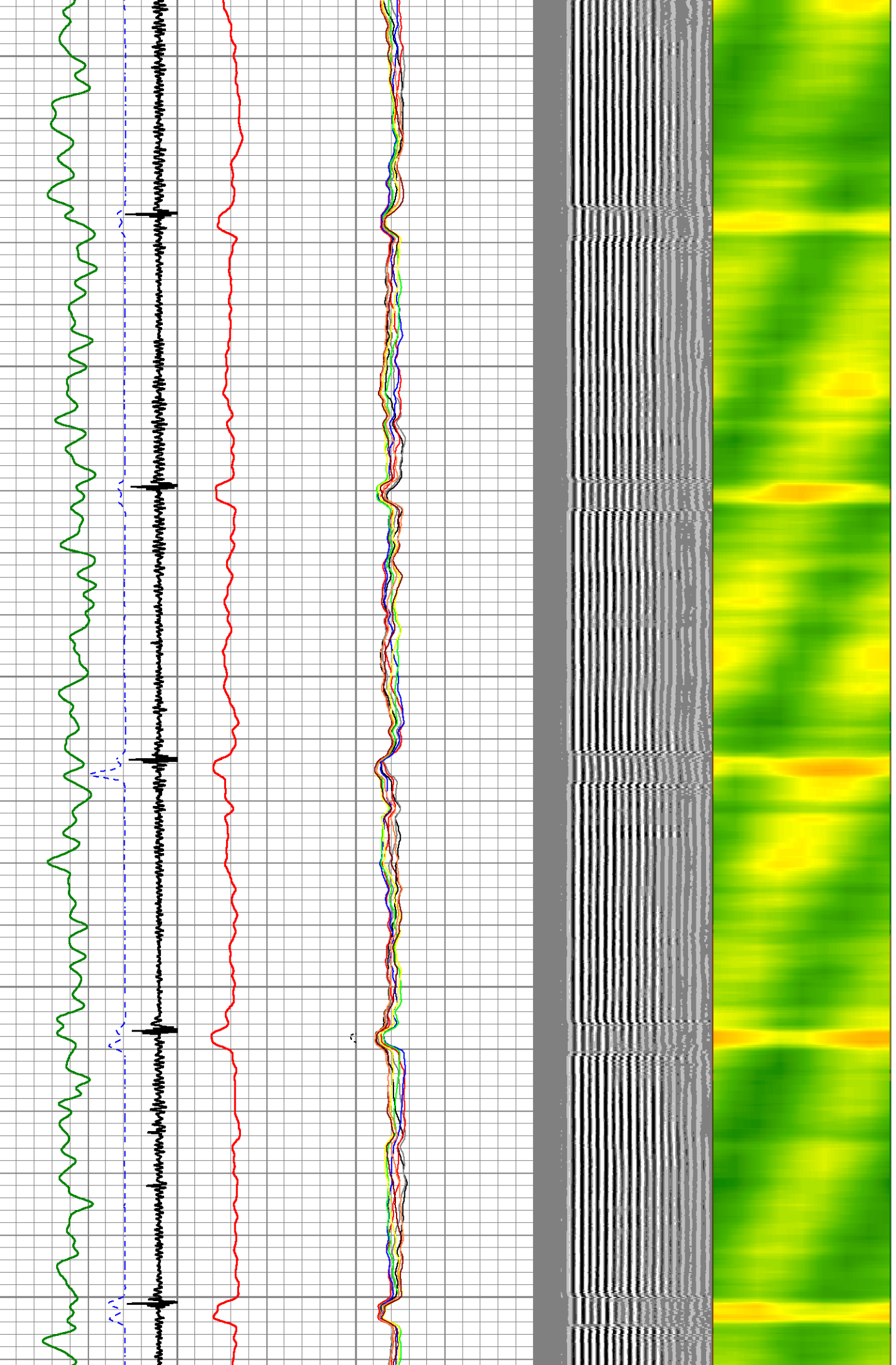
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4500

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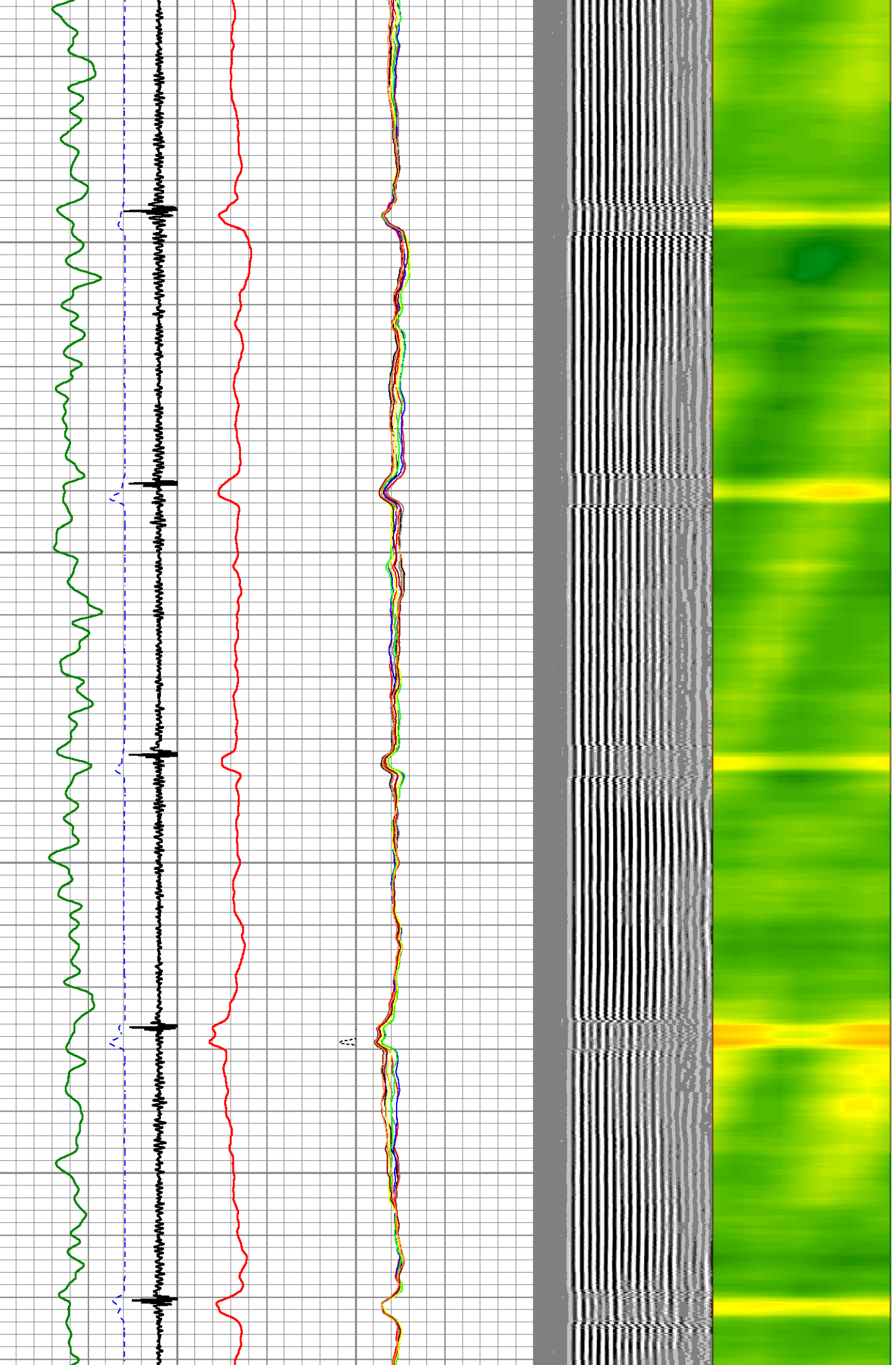


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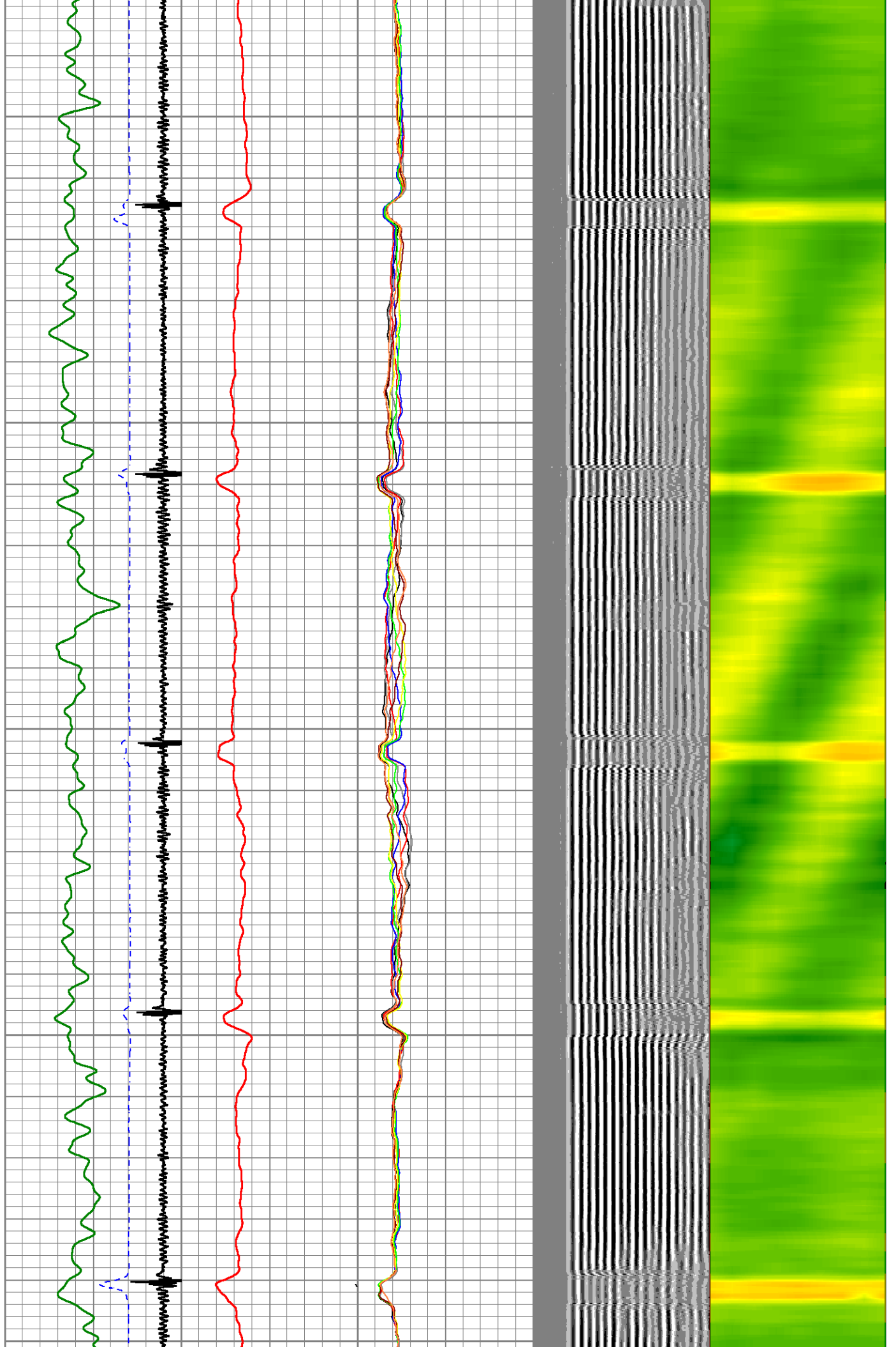
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4950

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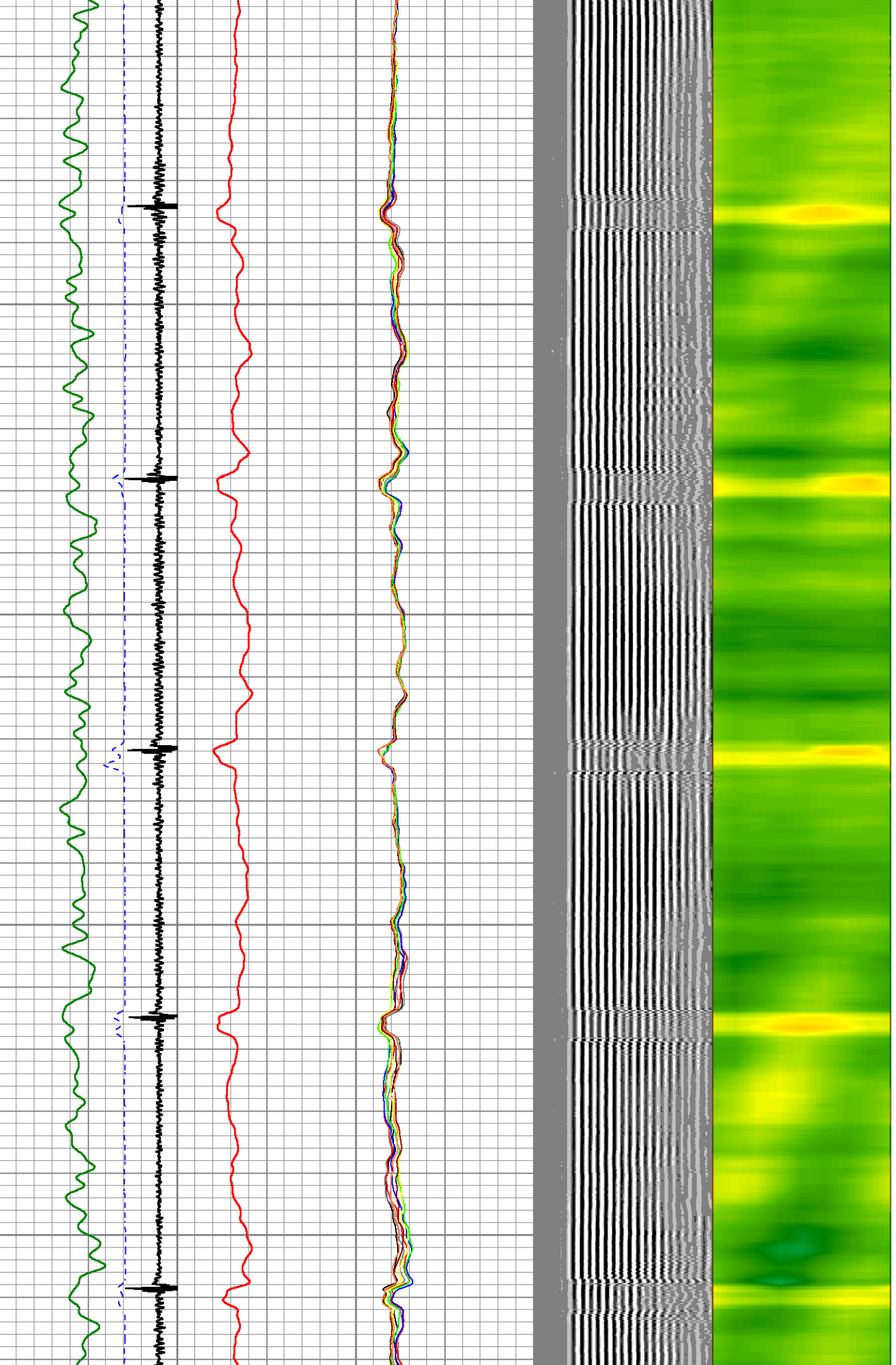


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5200

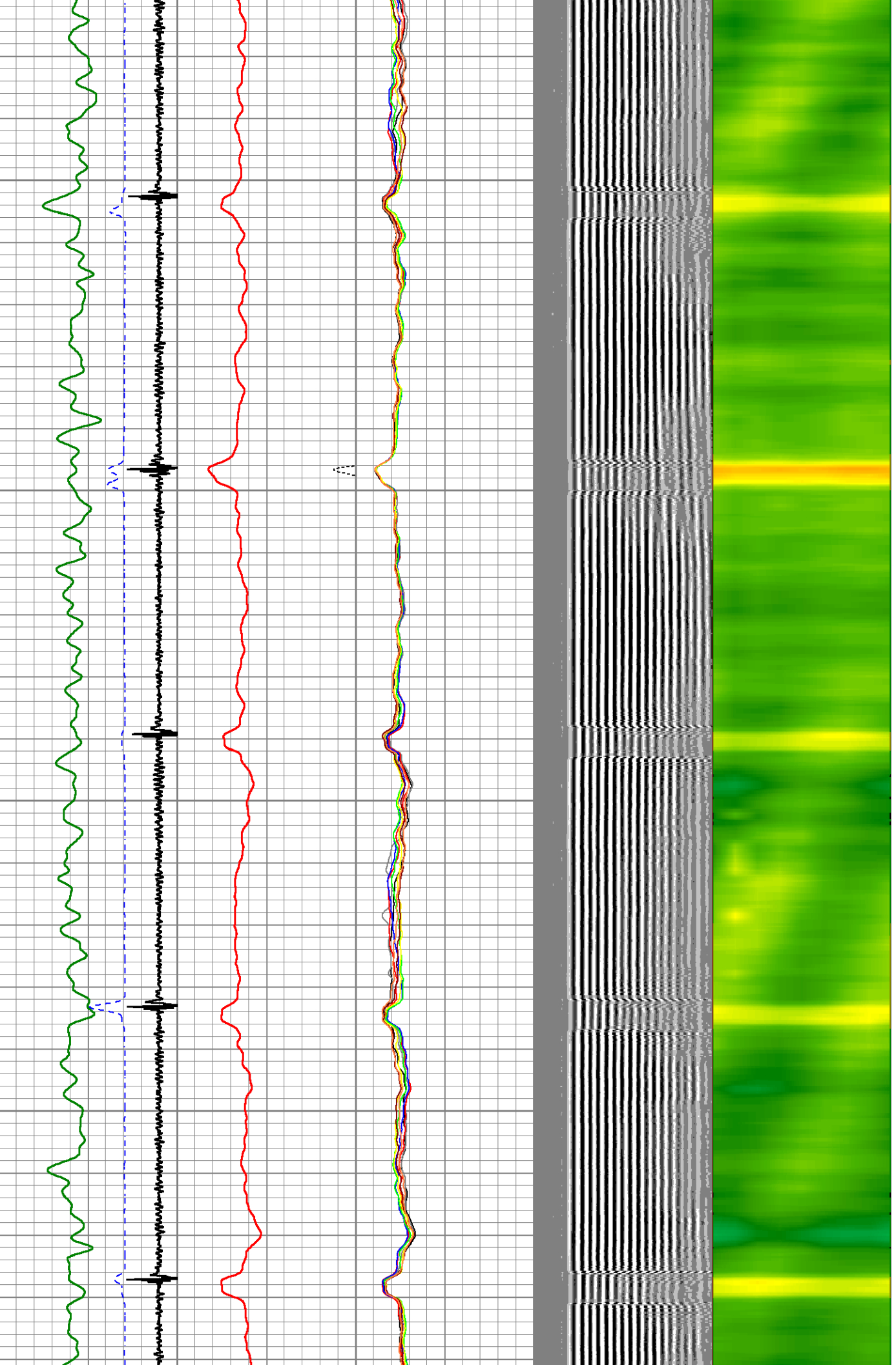


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5400



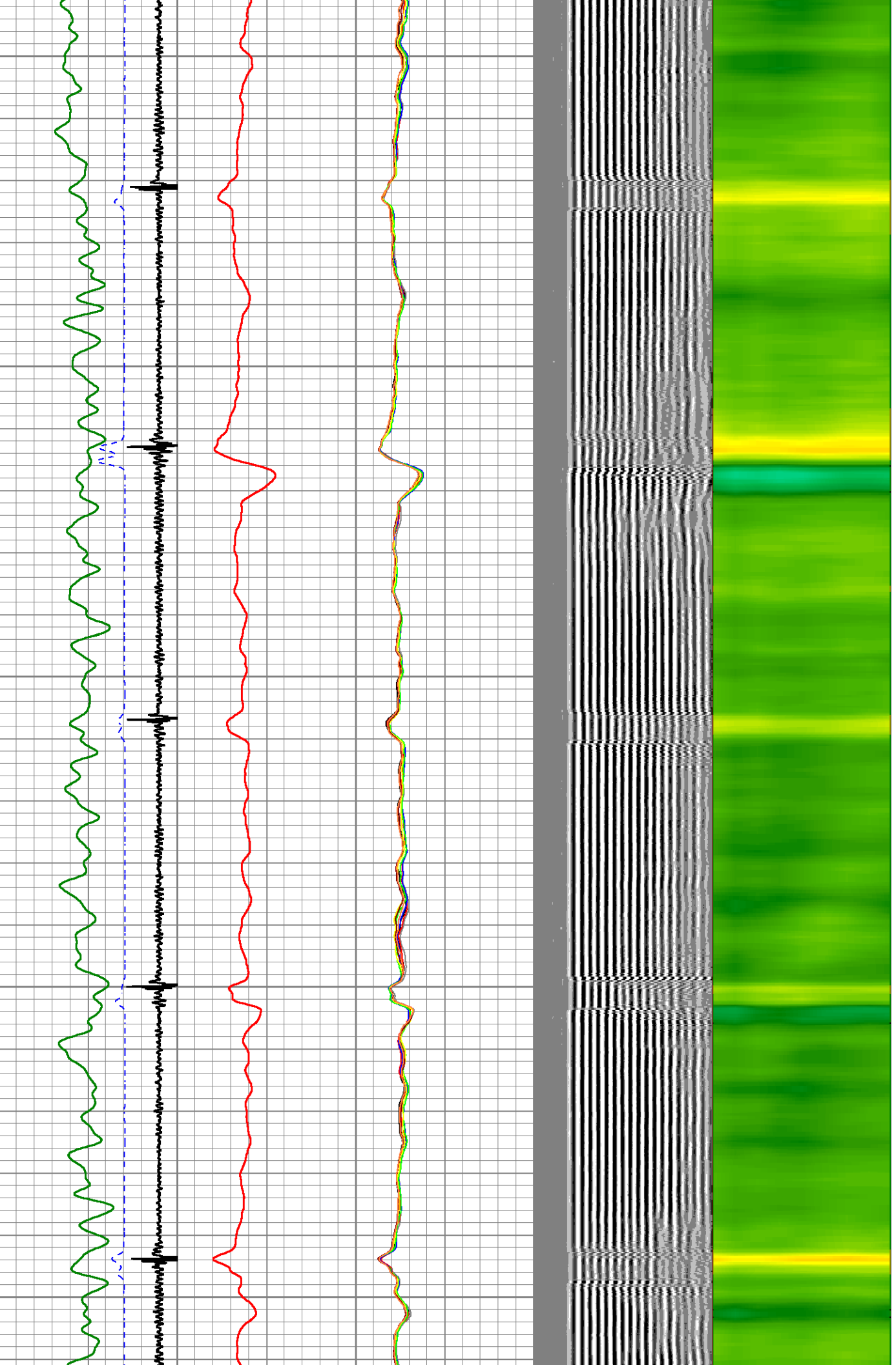
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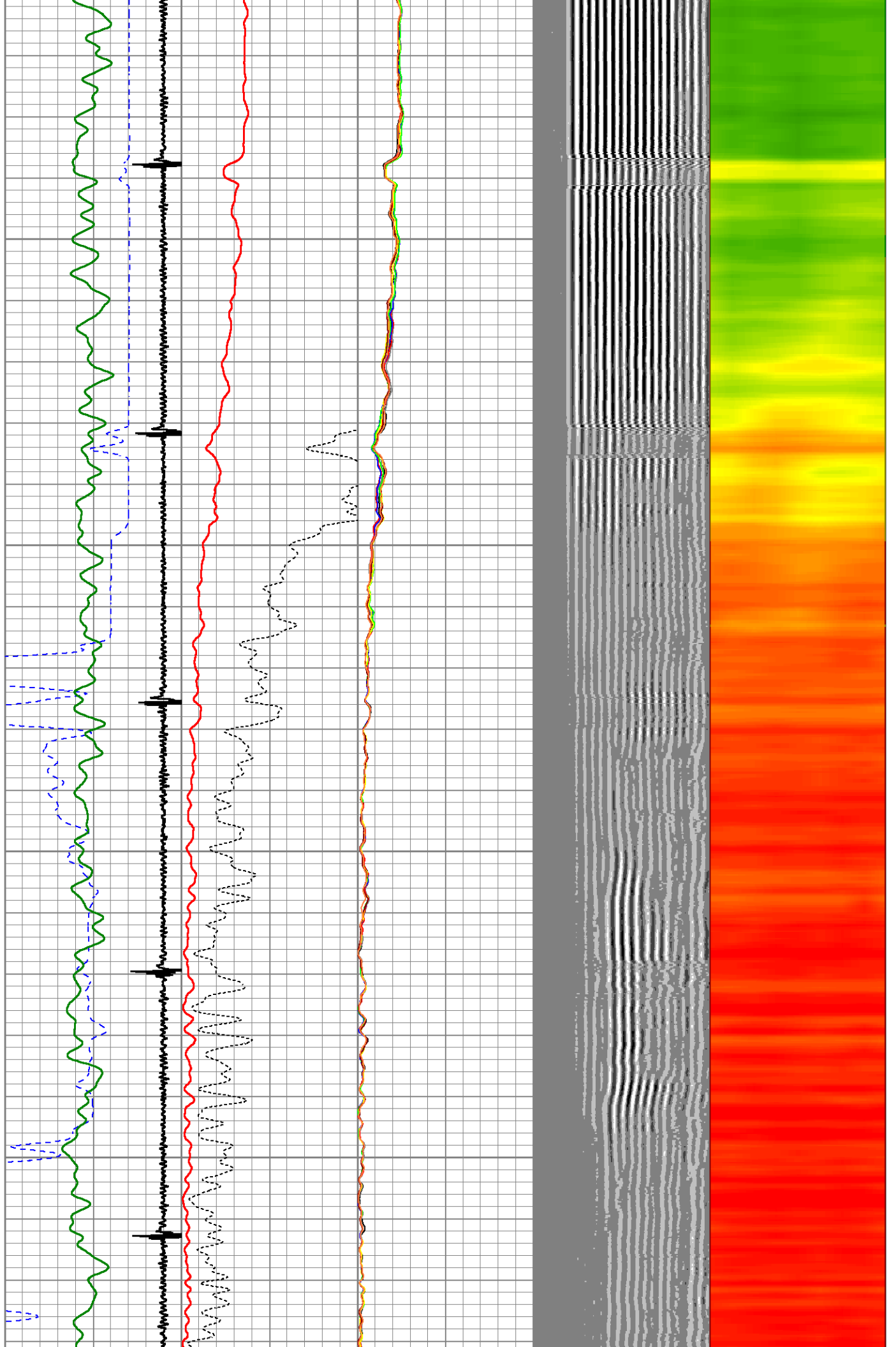


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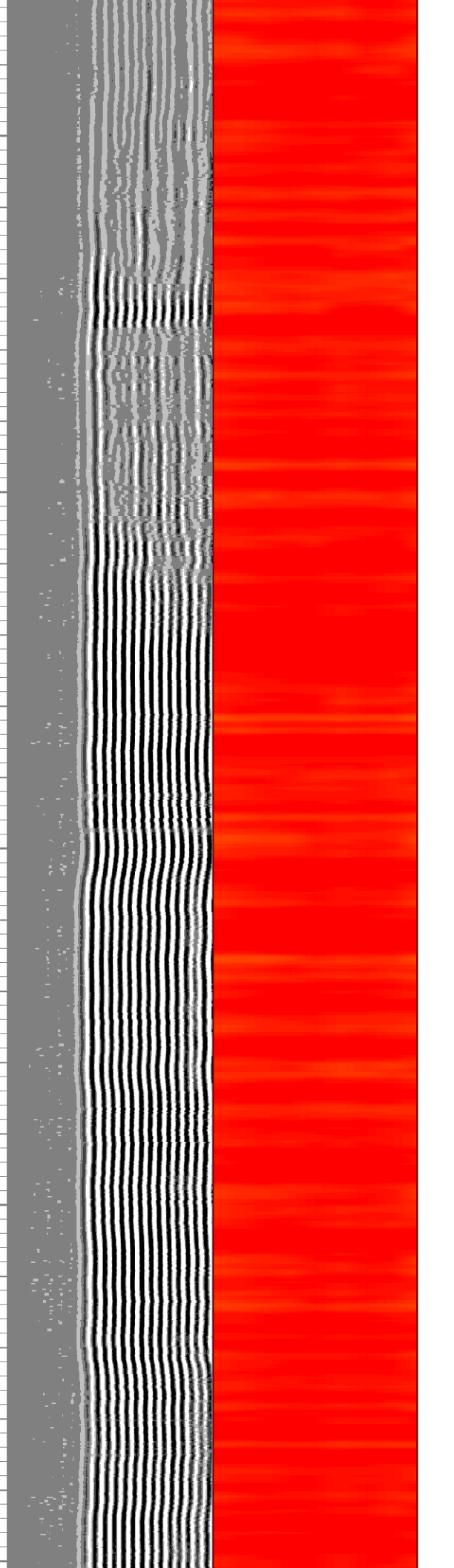
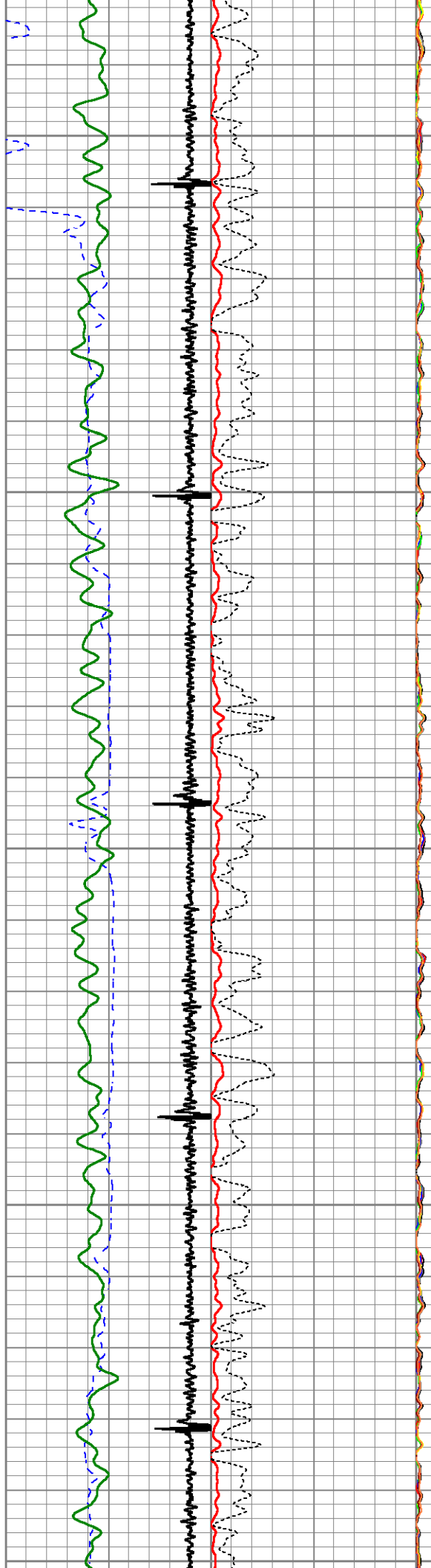
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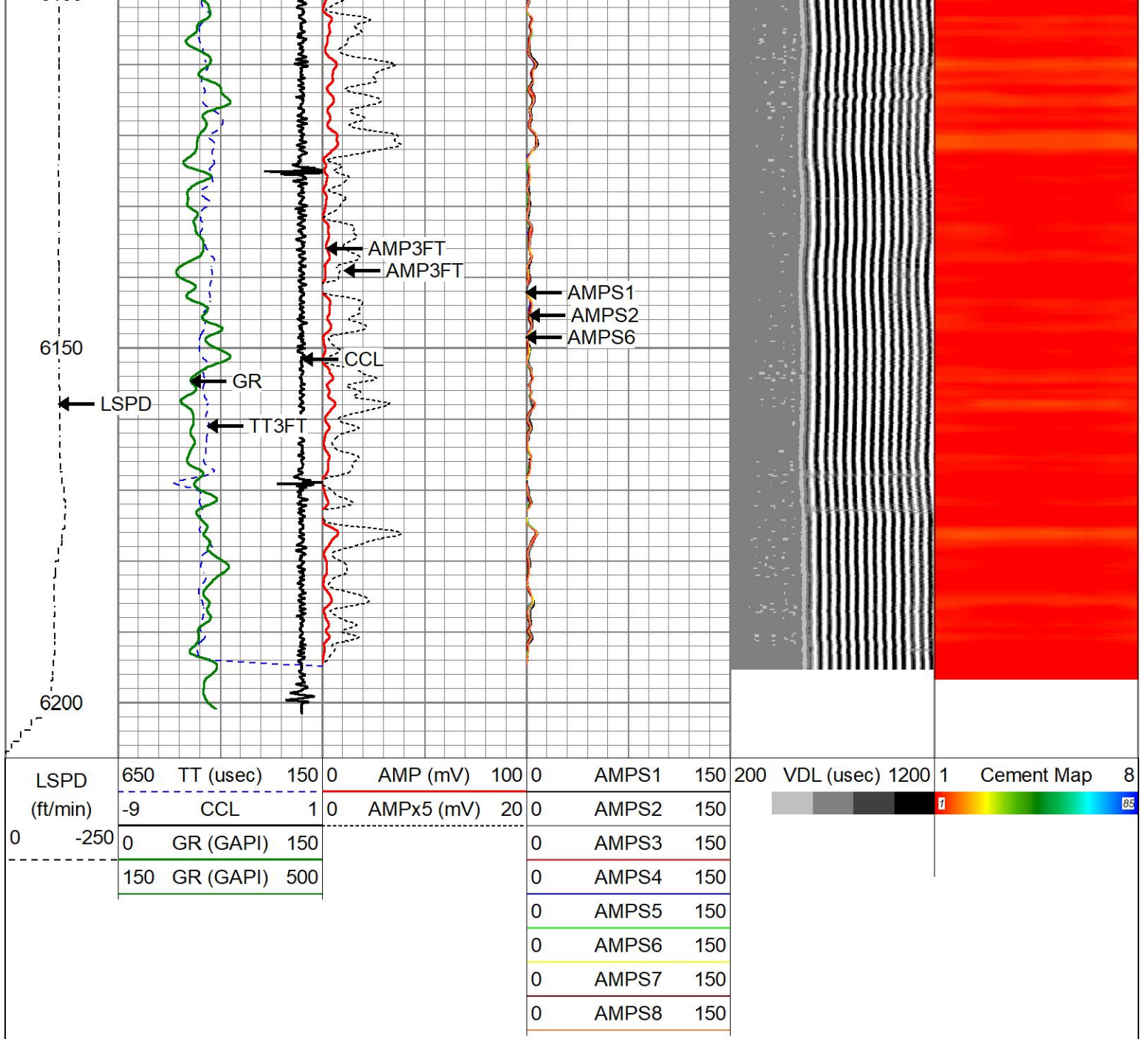
5950

6000

6050

6100





Calibration Report

Database File 4-antelope-13-29-----rcbl.db
 Dataset Pathname mmain
 Dataset Creation Wed Jul 23 16:39:36 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: Grooley Ext Temp

Serial Number: Greeley Ext Temp
 Tool Model: 27SBT10
 Calibration Casing Diameter: 4.500 in
 Calibration Depth: 61.842 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.014	0.746	0.250	81.196	110.556	-1.244
CAL	1.016	1.014				
5'	0.020	0.622	0.250	81.196	134.428	-2.383
SUM						
S1	0.028	0.754	0.000	81.196	111.864	-3.142
S2	0.012	0.728	0.000	81.196	113.280	-1.317
S3	0.016	0.739	0.000	81.196	112.287	-1.818
S4	0.019	0.722	0.000	81.196	115.507	-2.207
S5	0.020	0.706	0.000	81.196	118.305	-2.317
S6	0.015	0.718	0.000	81.196	115.472	-1.679
S7	0.016	0.727	0.000	81.196	114.157	-1.770
S8	0.012	0.751	0.000	81.196	109.760	-1.288

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

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.016	1.014	1.000	0.000

Air Zero Calibration, performed Wed Jul 23 15:16:25 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



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