



**RADIAL BOND TOOL
GAMMA RAY
CCL**

Company CIVITAS RESOURCES
Well BAKER 31-27
Field BROOMFIELD
County WELD
State COLORADO
Country U.S.A.

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Location: SW/SE
LAT. 40.024040 LONG. -104.987762
SEC 27 TWP 1N RGE 68W
Permanent Datum GL Elevation 5227'
Log Measured From KB 15'
Drilling Measured From KB
Other Services
K.B. 5242'
D.F. 5241'
G.L. 5227'

Date FEBRUARY 21 2025
Run Number ONE
Depth Driller 8810'
Depth Logger 7000'
Bottom Logged Interval 6996'
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 3812
Location PLATTEVILLE CO
Recorded By MICHAEL RAMSEY
Witnessed By DARRYL SANTIAGO

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

Casing Record	Size	Mgt/Ft	Top	Bottom
Surface String	8.625"	24#	SURFACE	1225'
Prot. String				
Production String				
Liner	4.5"	11.6#	SURFACE	8796'

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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.

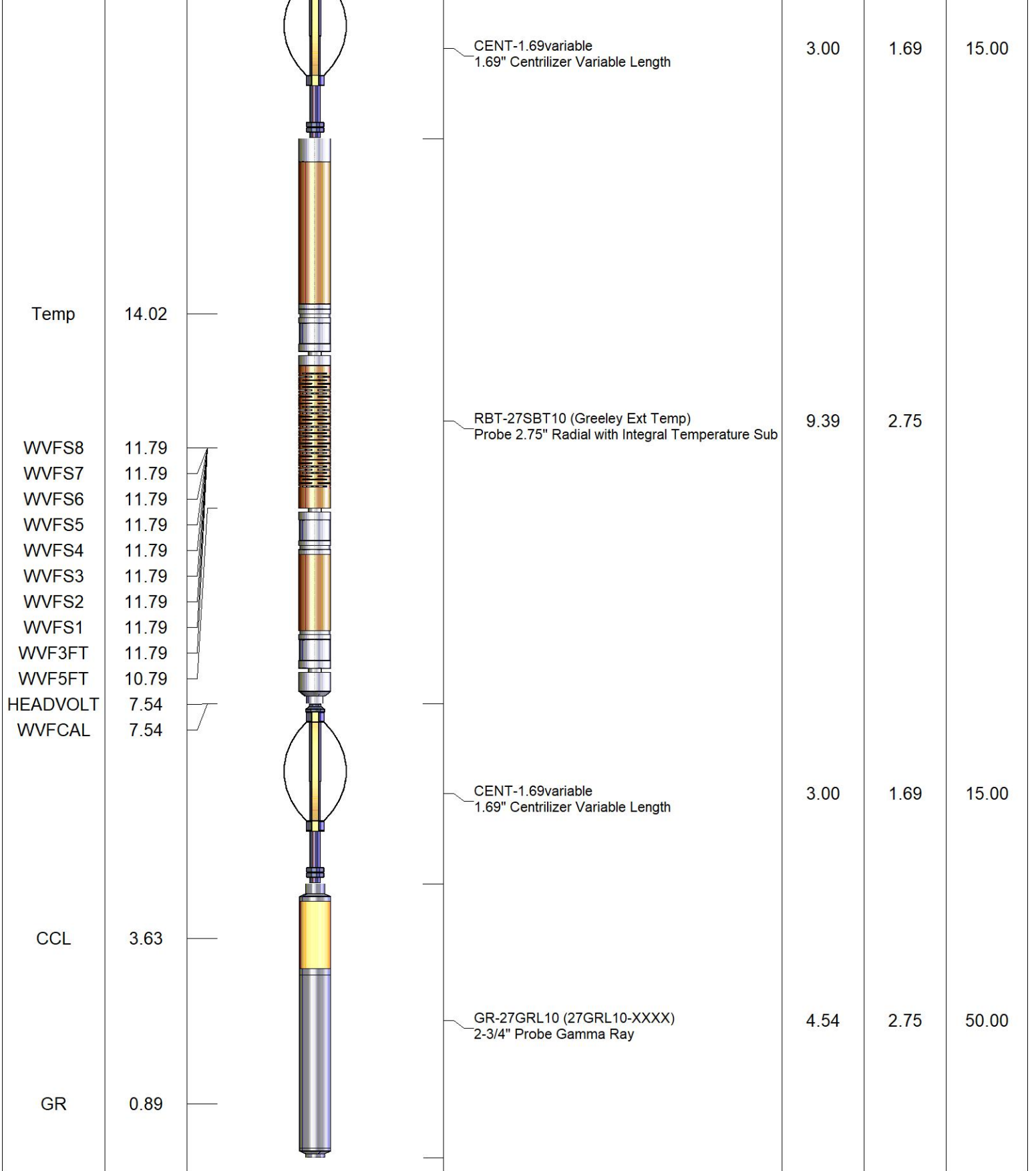
Comments

**RAN CBL TO VERIFY CEMENT BOND
WELL LOADED UPON ARRIVAL
LOG CORRELATED TO KB WHICH IS 15'**

GAS IN ANNULUS INDICATED FROM 120' - SURFACE

LOGGED UNDER 500PSI SURFACE INDUCED PRESSURE

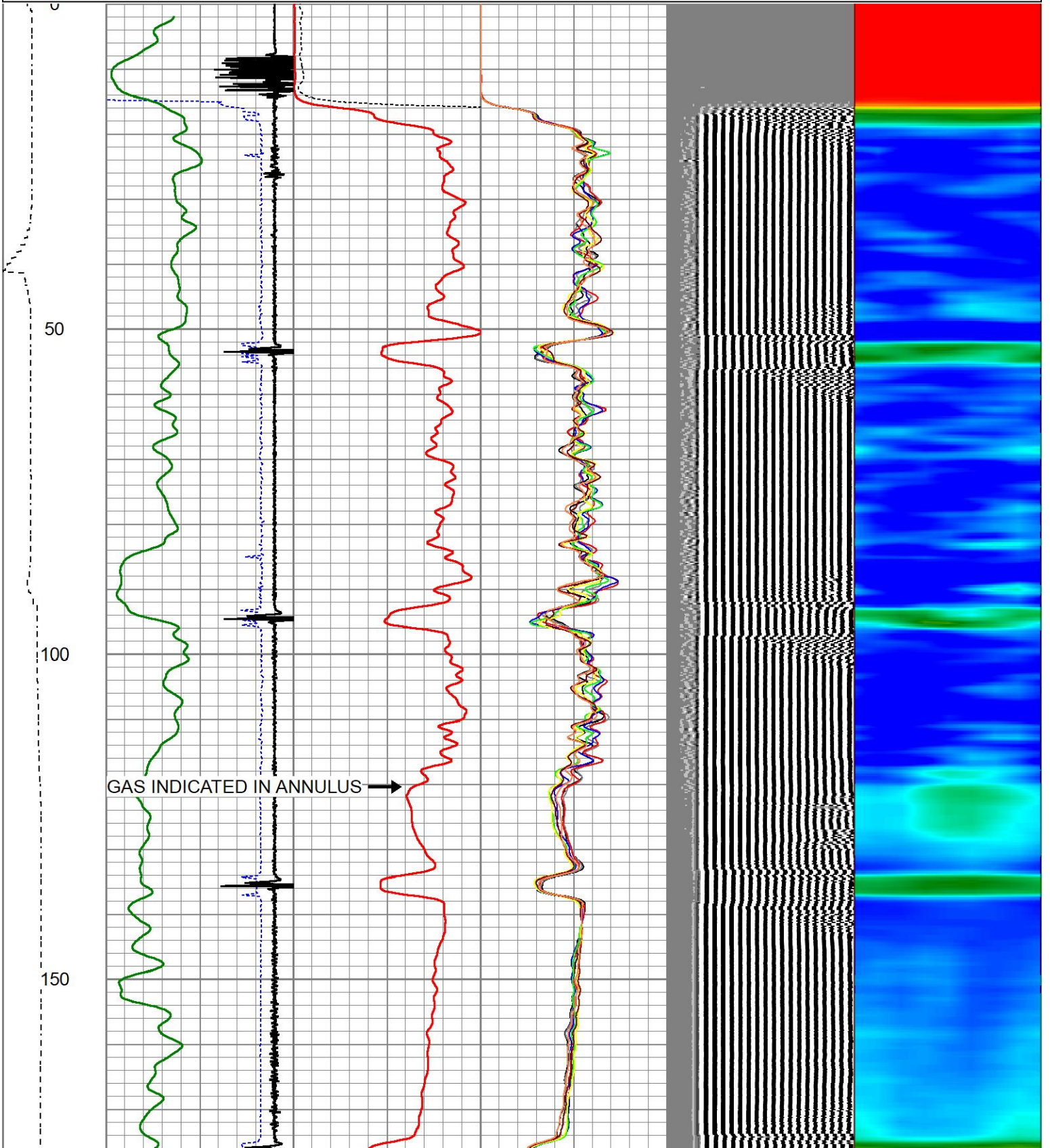
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1_11/16_Cablehead 1 11/16 Cablehead	1.00	1.68	5.00

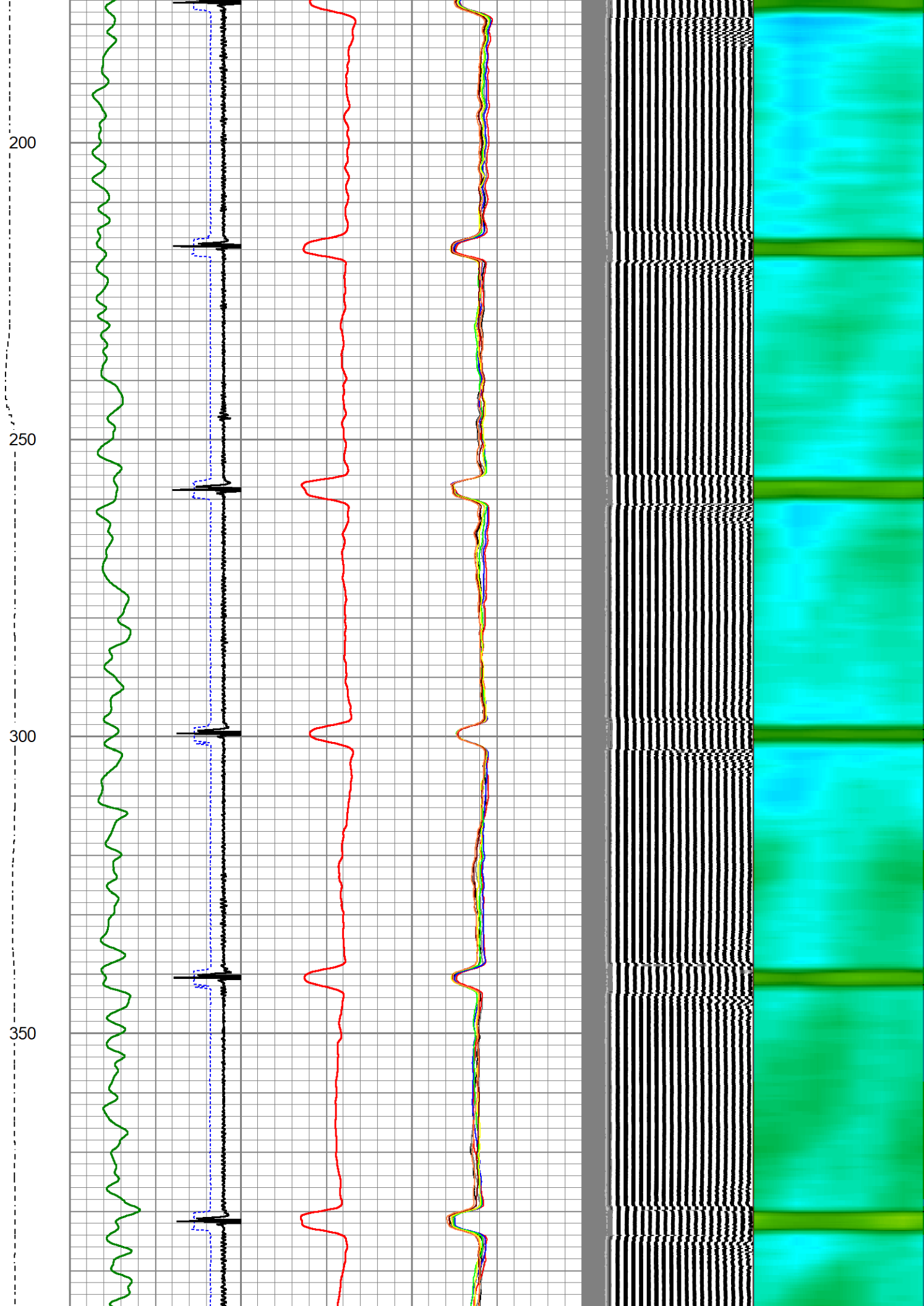


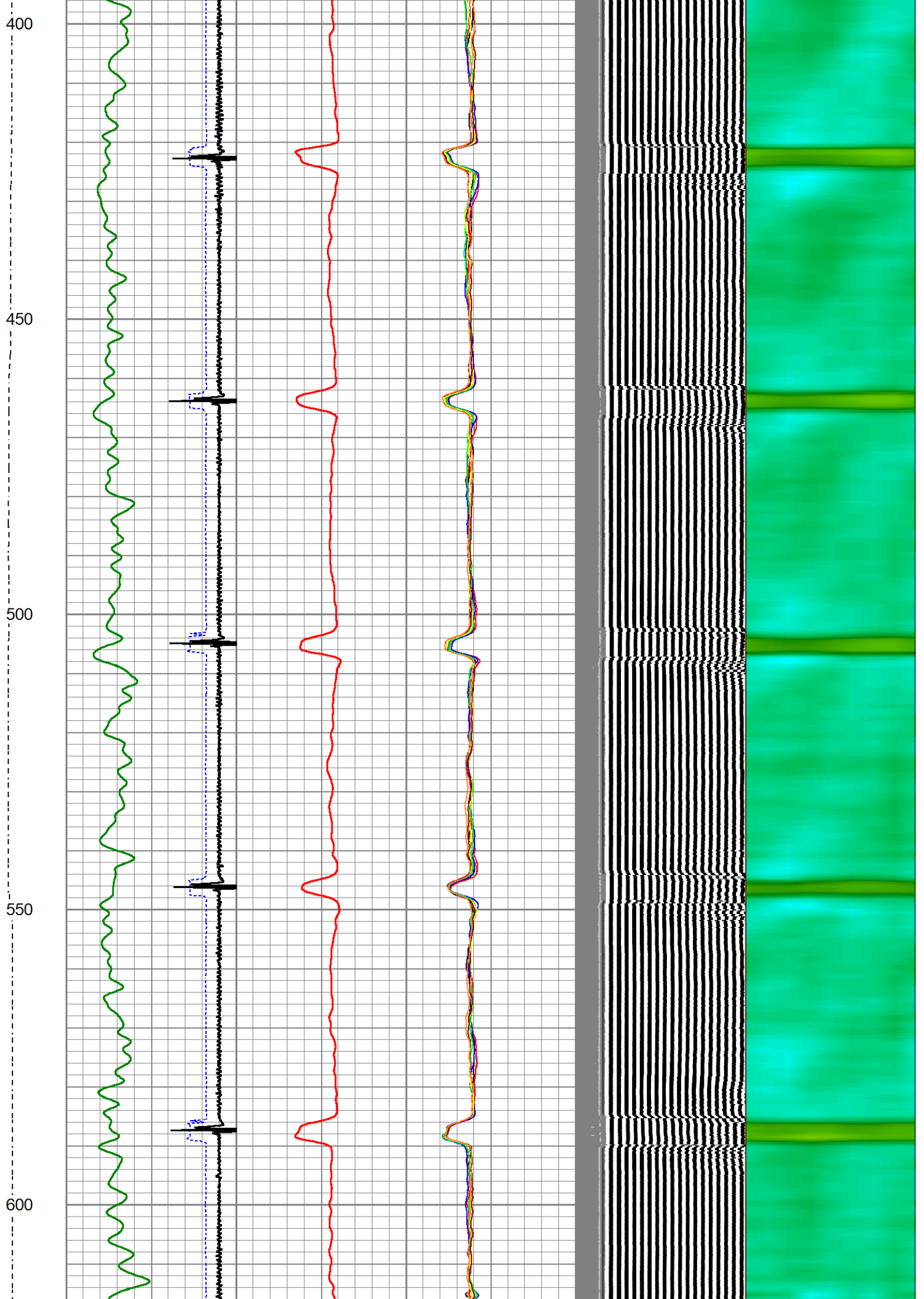
Dataset: baker 31-27 rbl civi.db: field/well/run1/pass2
 Total length: 20.93 ft
 Total weight: 85.00 lb
 O.D.: 2.75 in

Database File baker 31-27 rbl civi.db
 Dataset Pathname pass2
 Presentation Format ips_rbtcolorcivitas
 Dataset Creation Fri Feb 21 16:01:36 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	Amplified Amplitude	0	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					







650

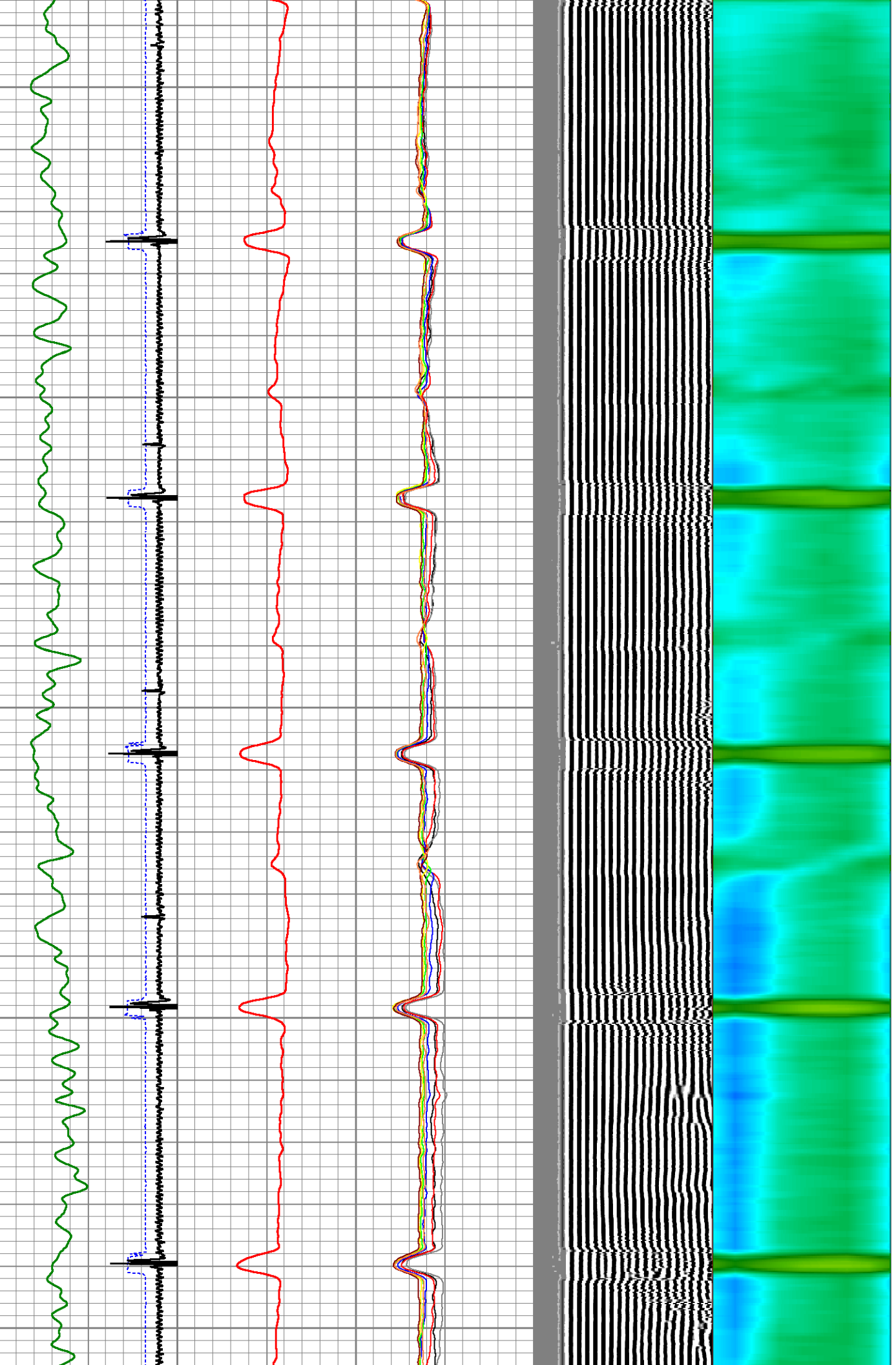
700

750

800



850
900
950
1000
1050

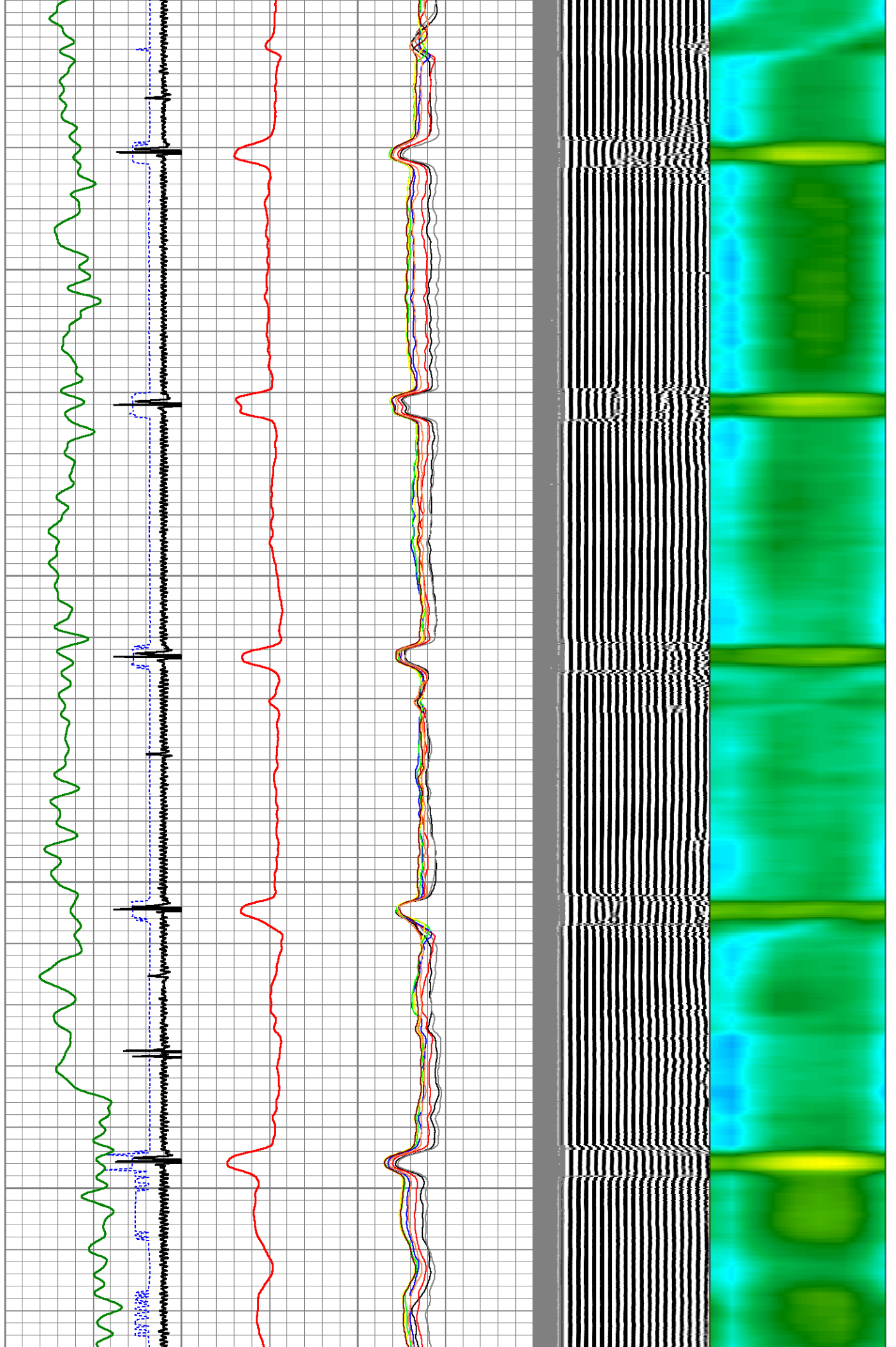


1100

1150

1200

1250

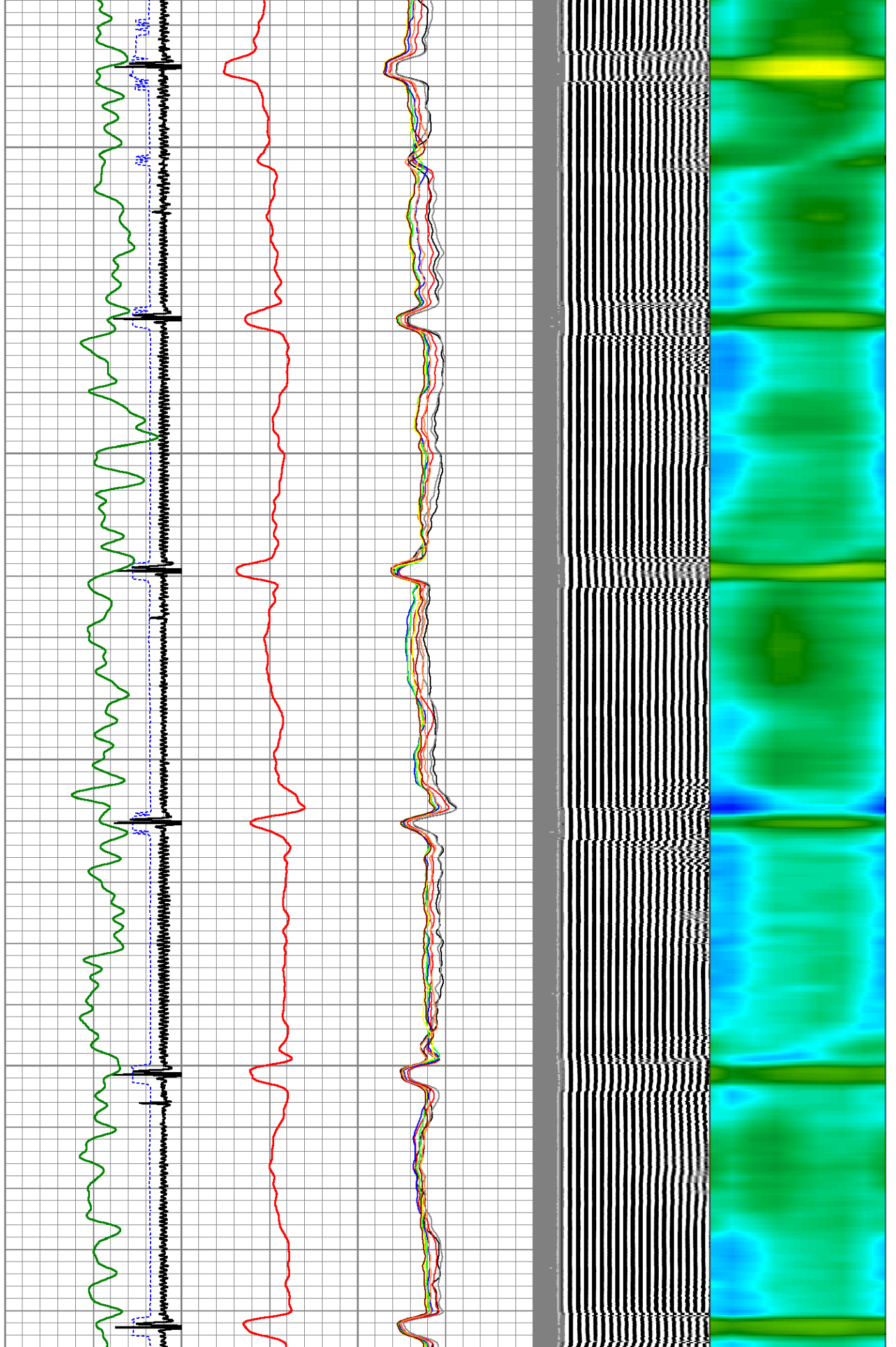


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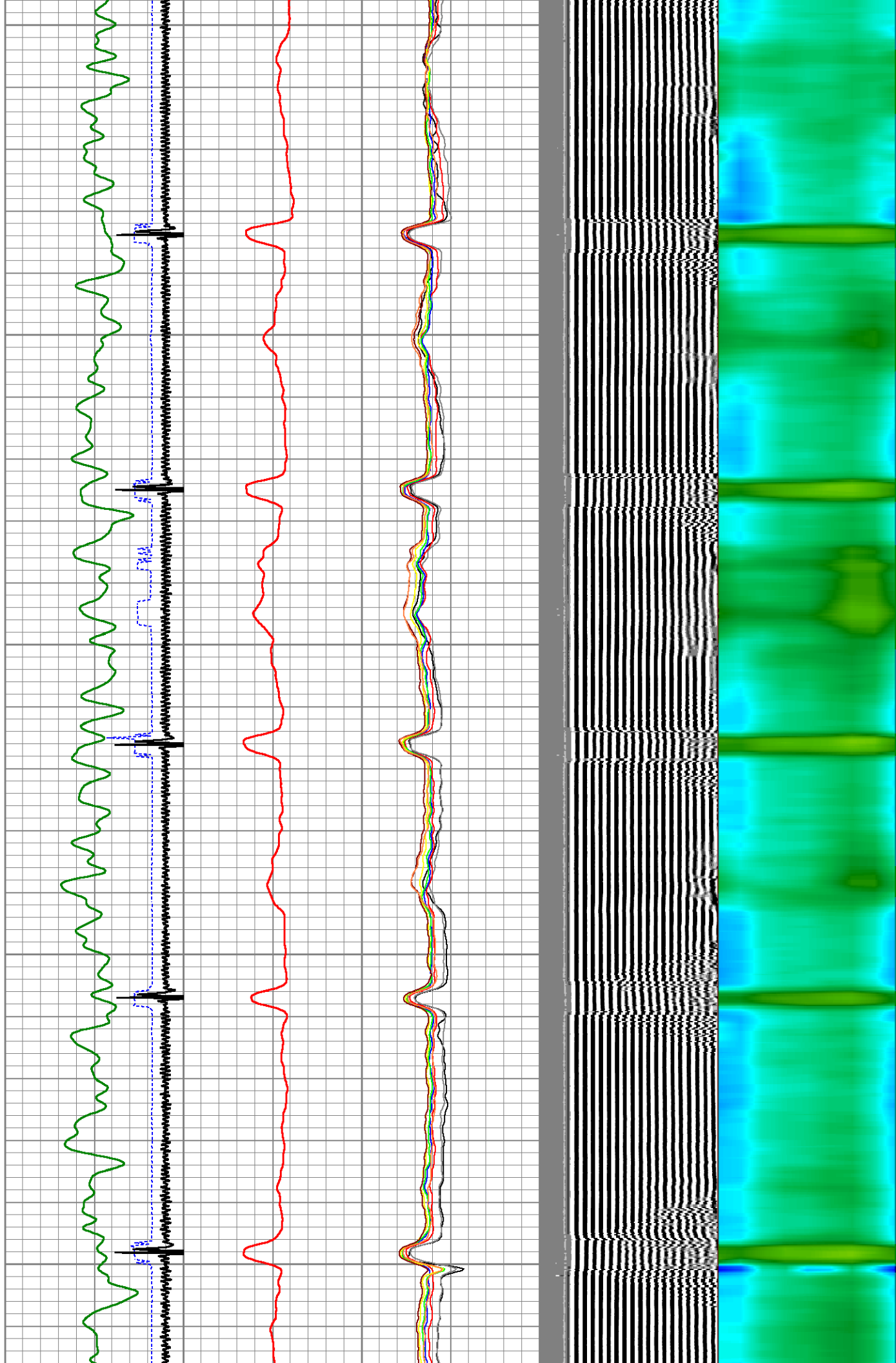
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1400

1450



1500
1550
1600
1650
1700

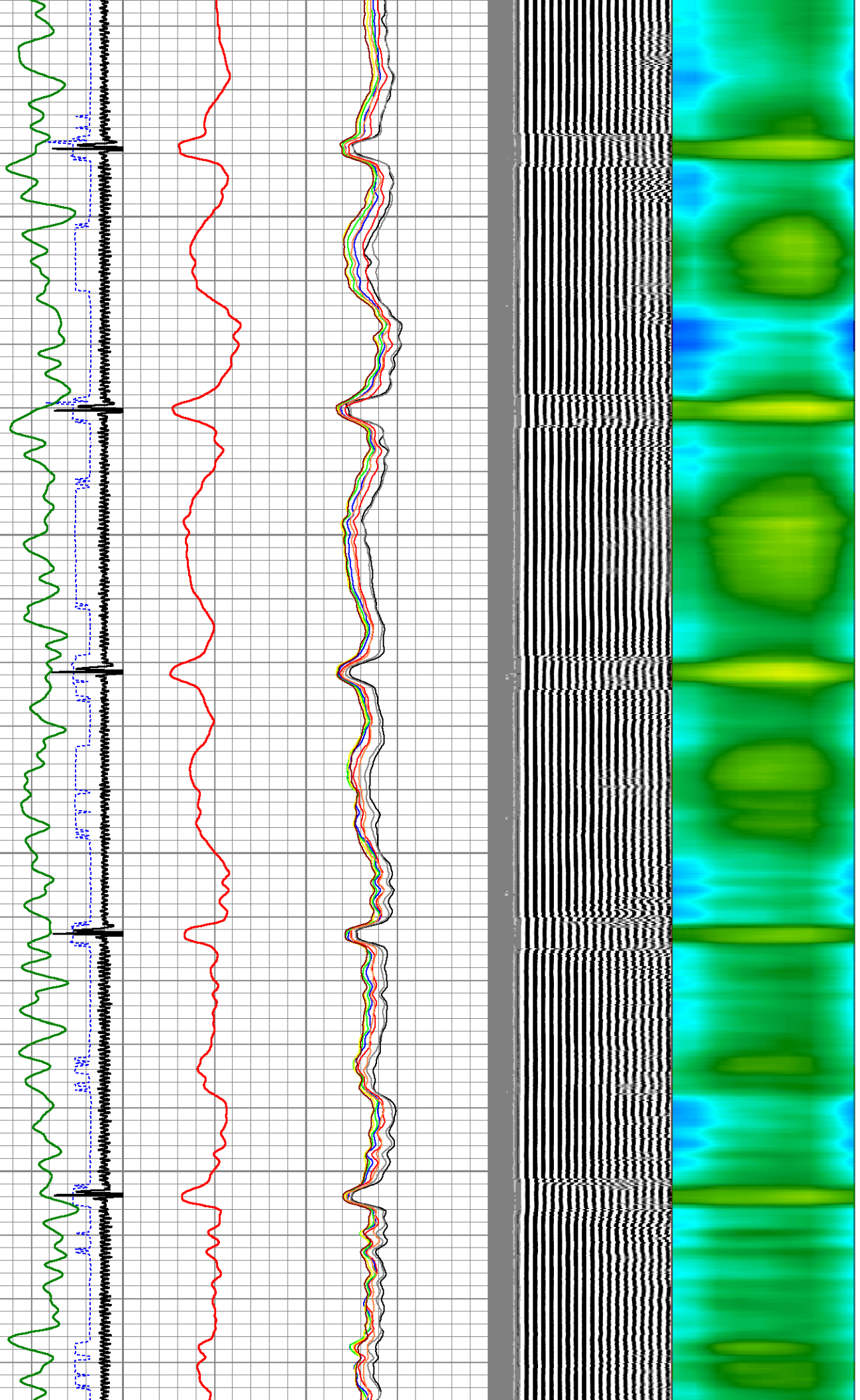


1750

1800

1850

1900



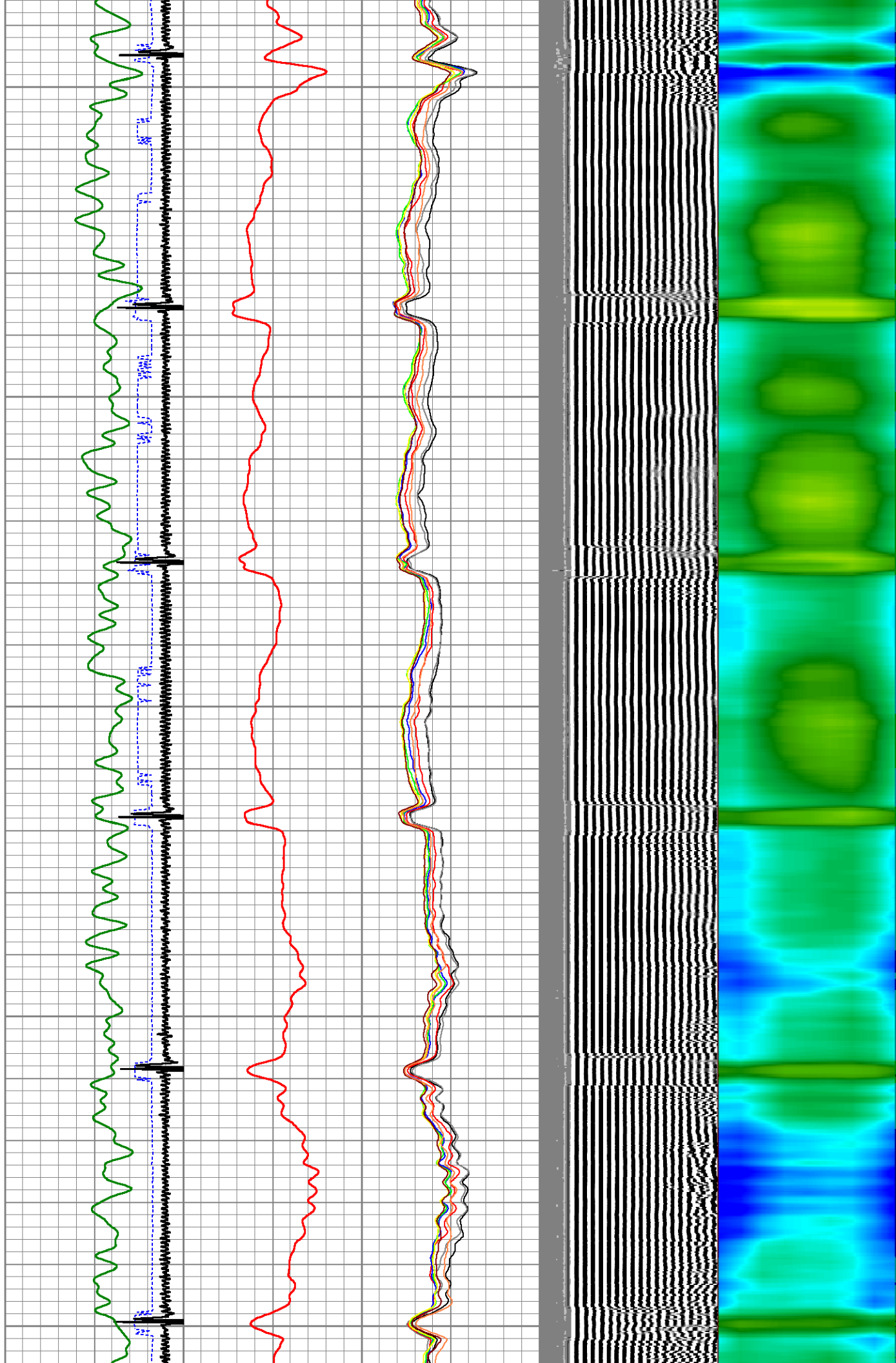
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2000

2050

2100

2150

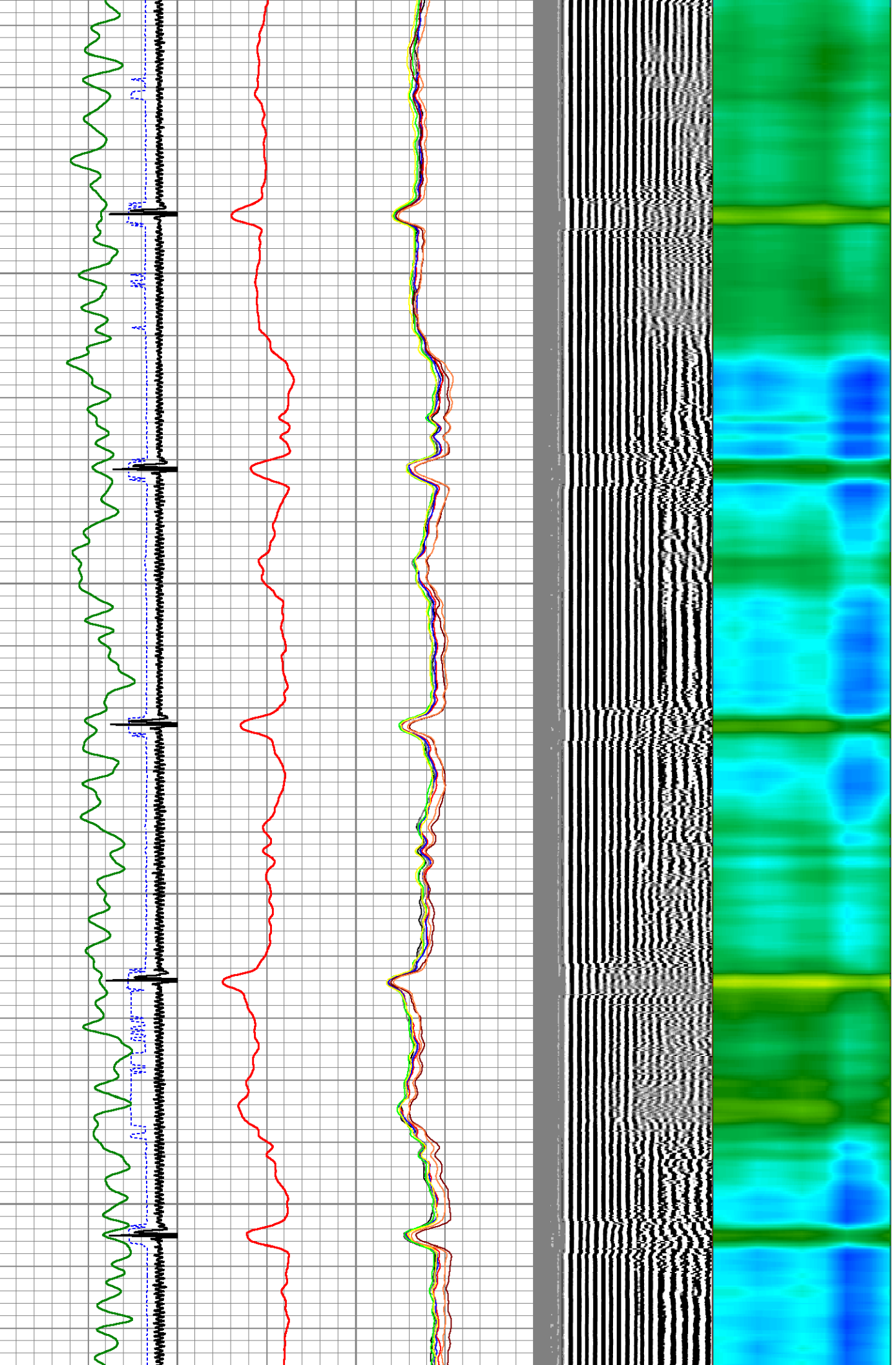


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2250

2300

2350

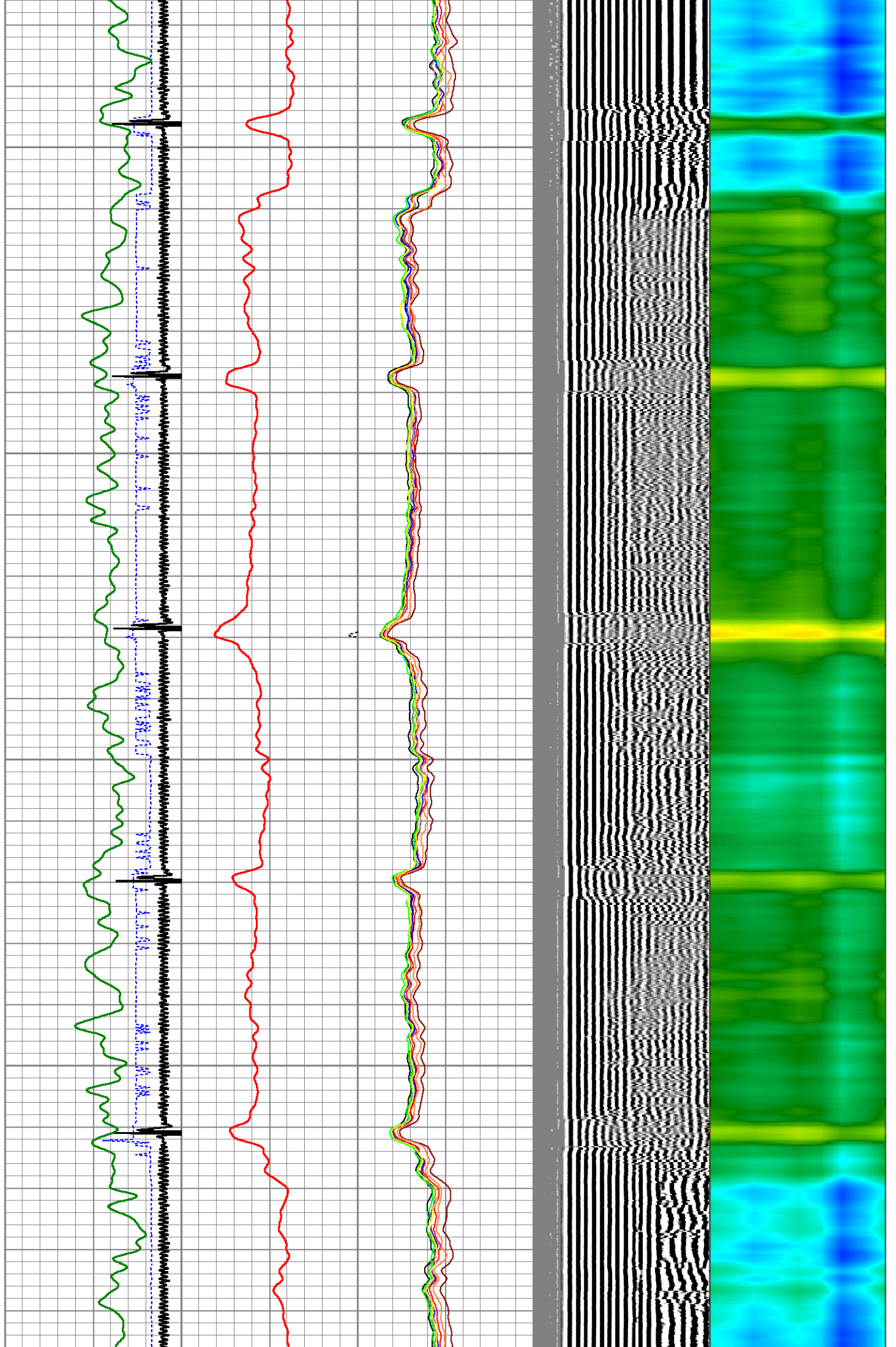


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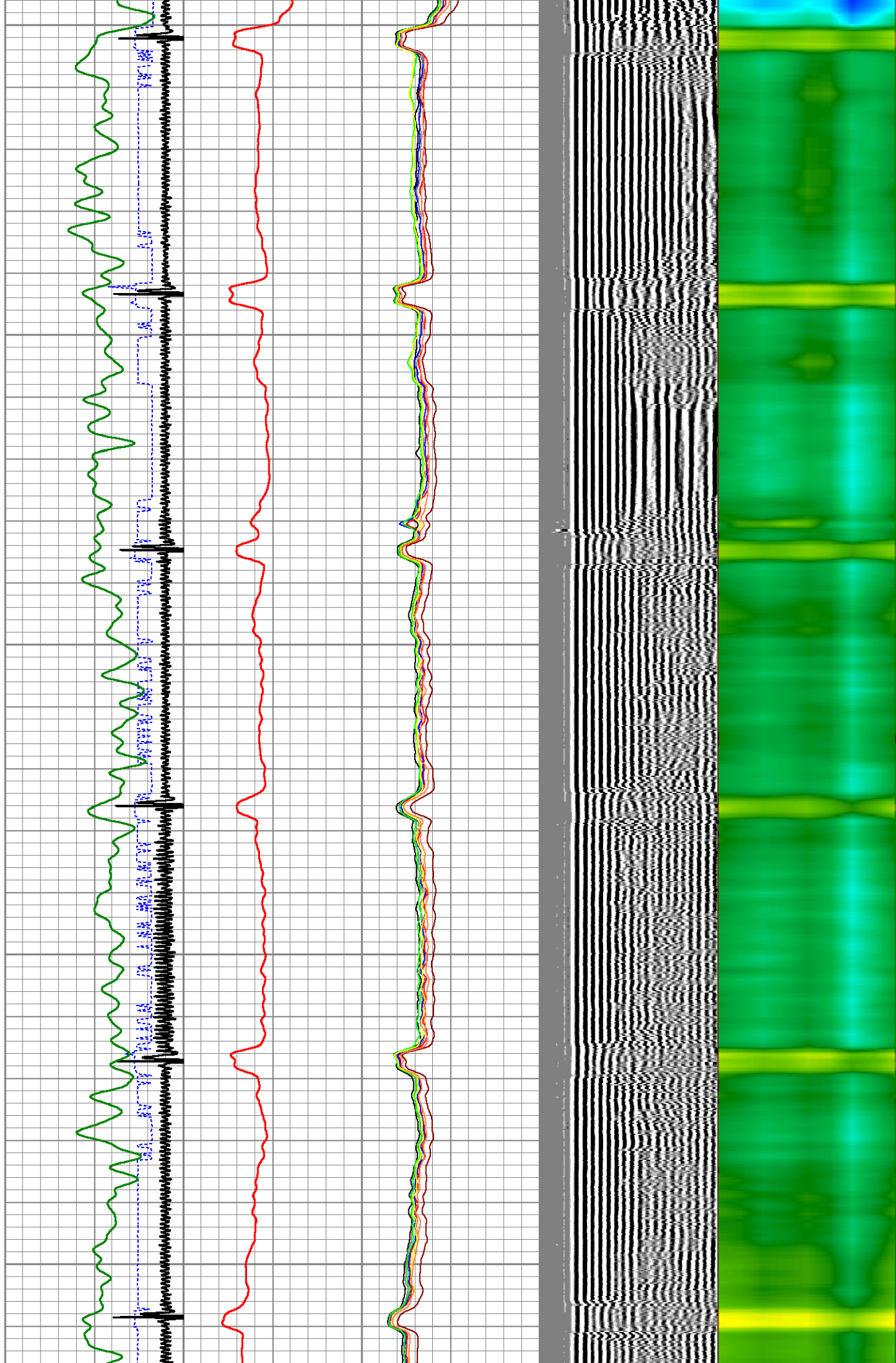
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2500

2550



2600
2650
2700
2750
2800

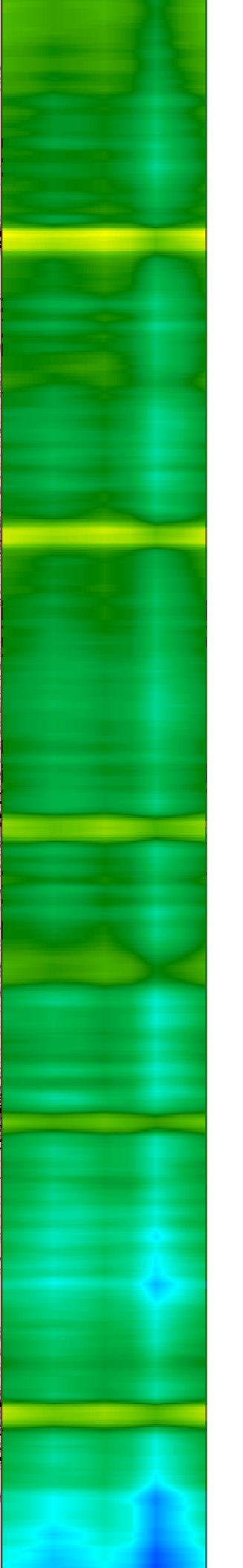
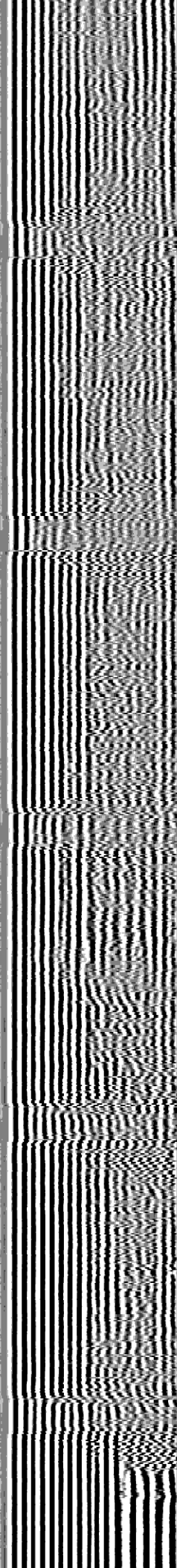
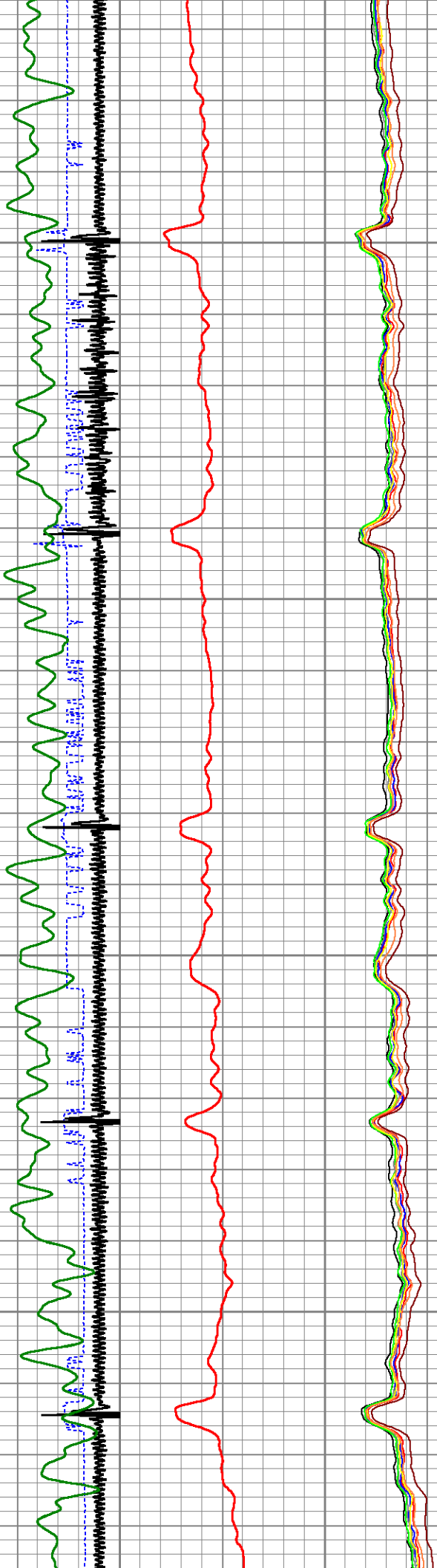


2850

2900

2950

3000



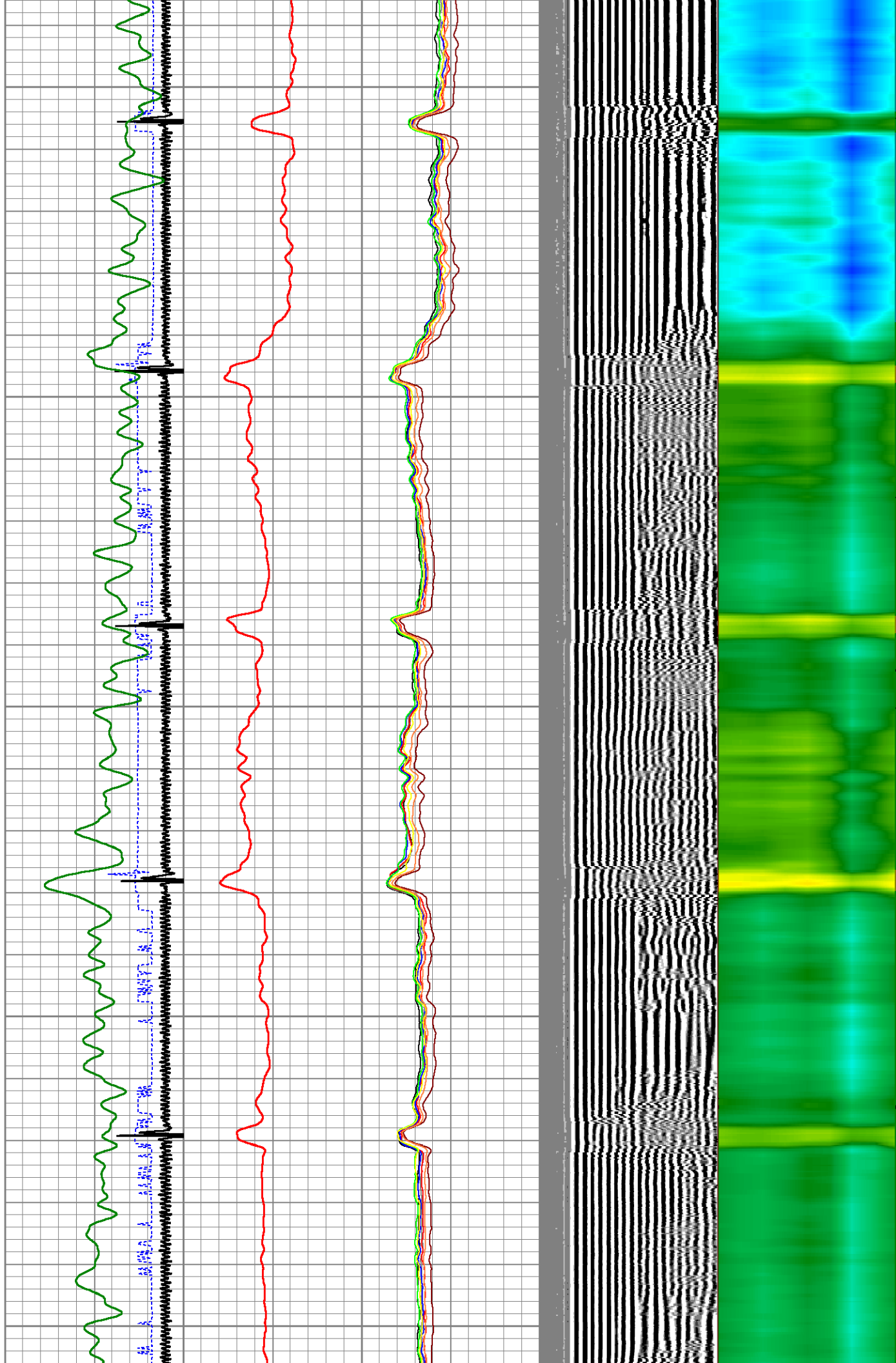
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3100

3150

3200

3250

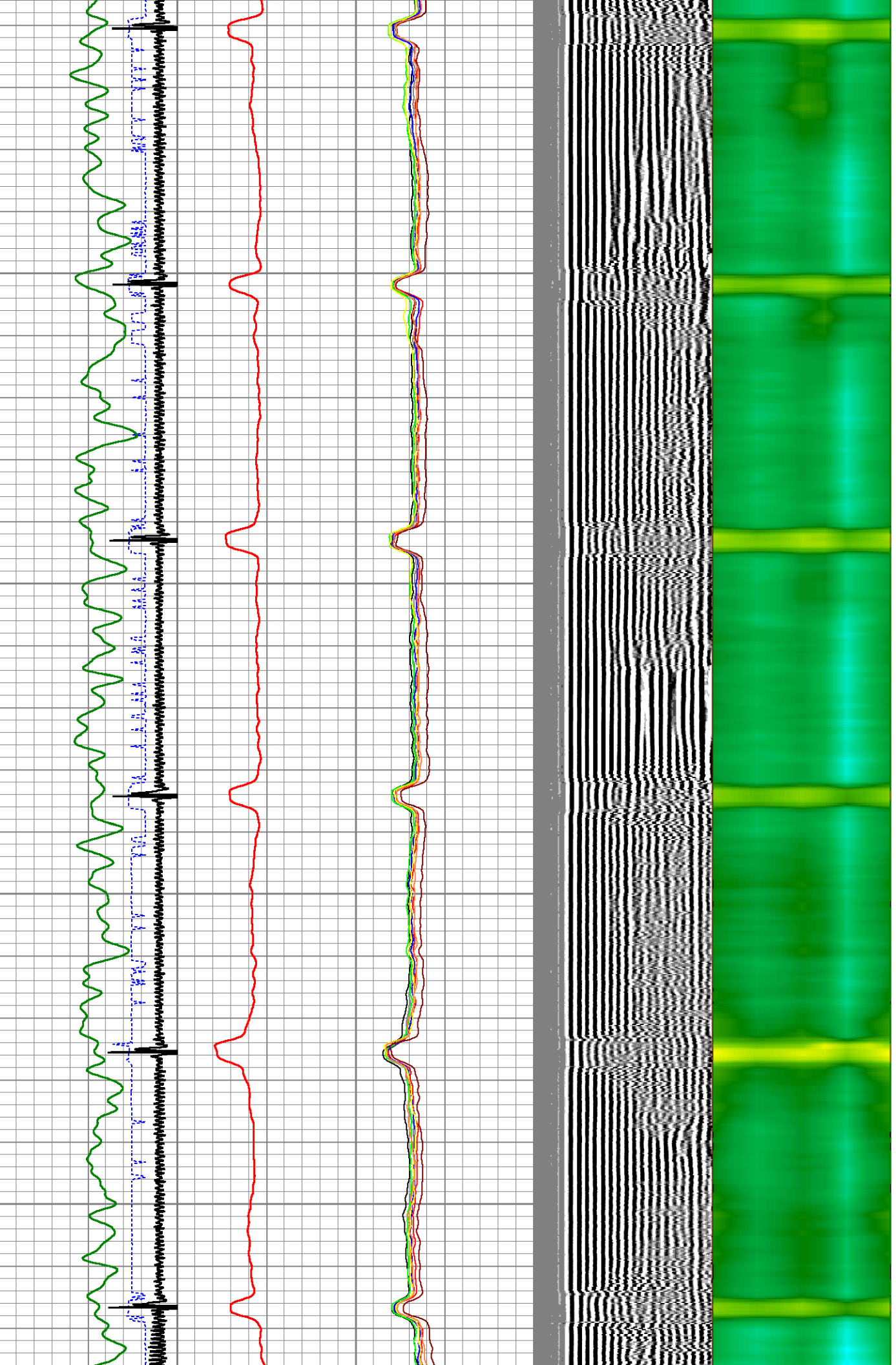


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3400

3450

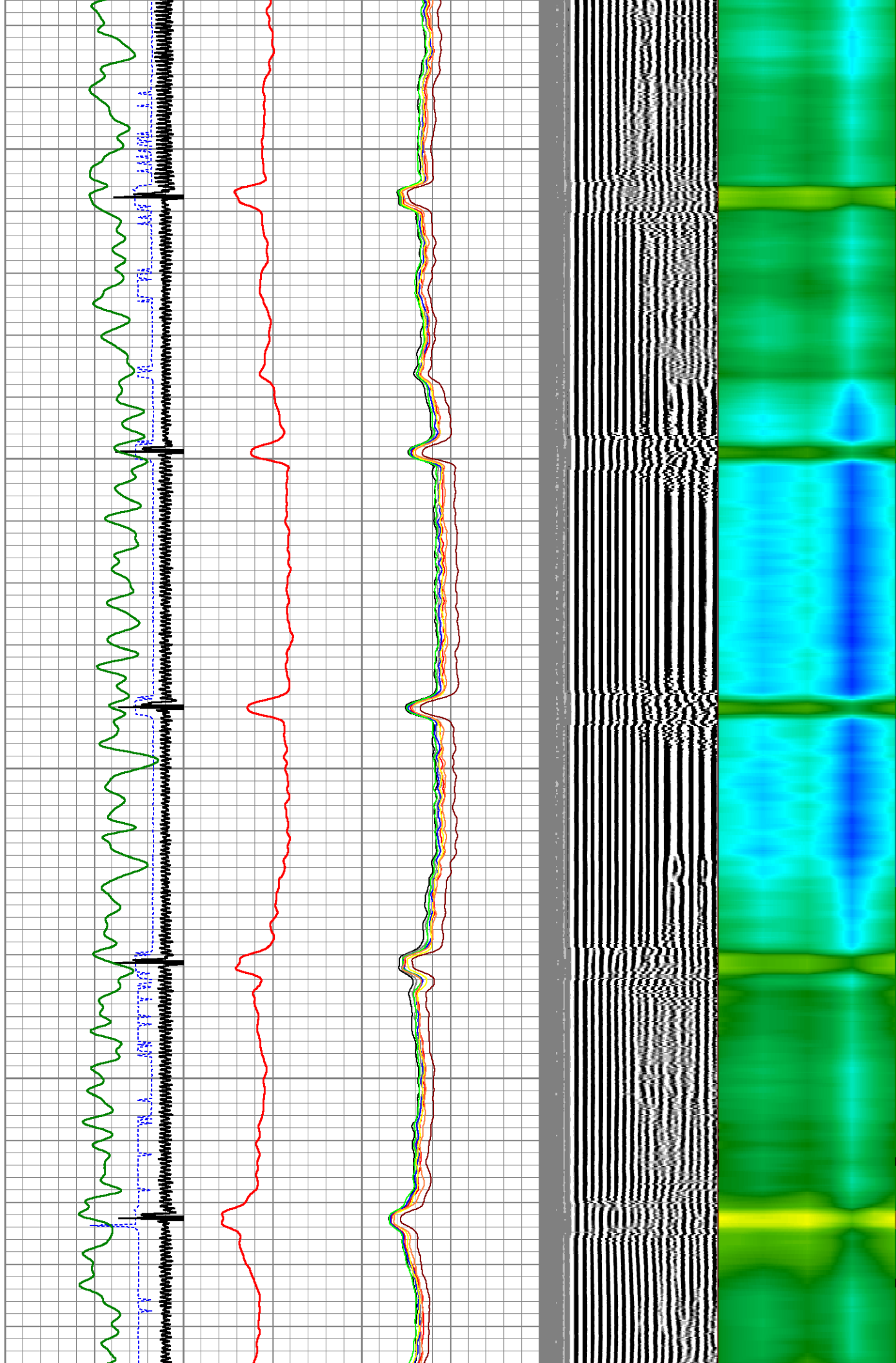


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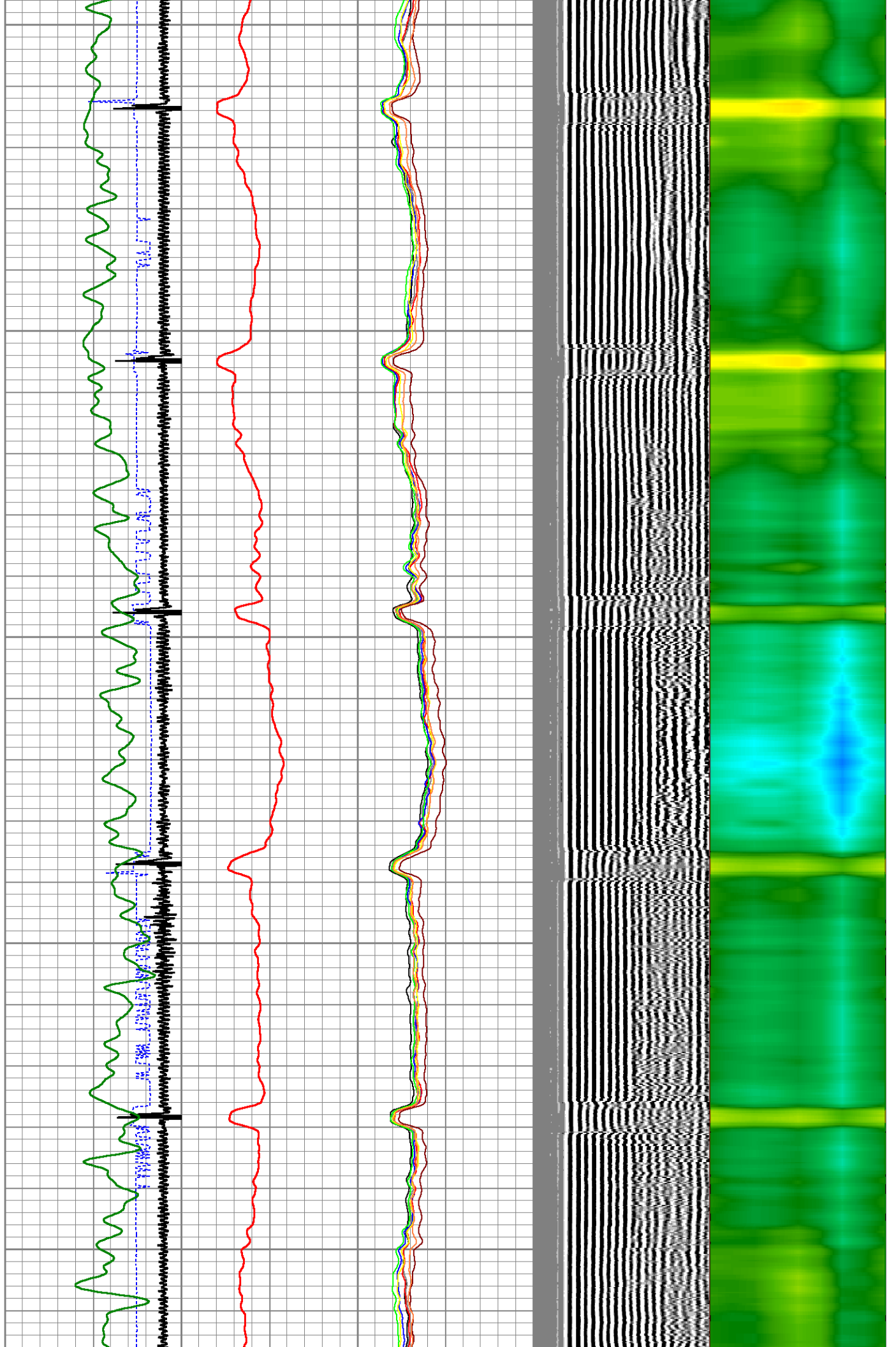
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3600

3650



3700
3750
3800
3850
3900

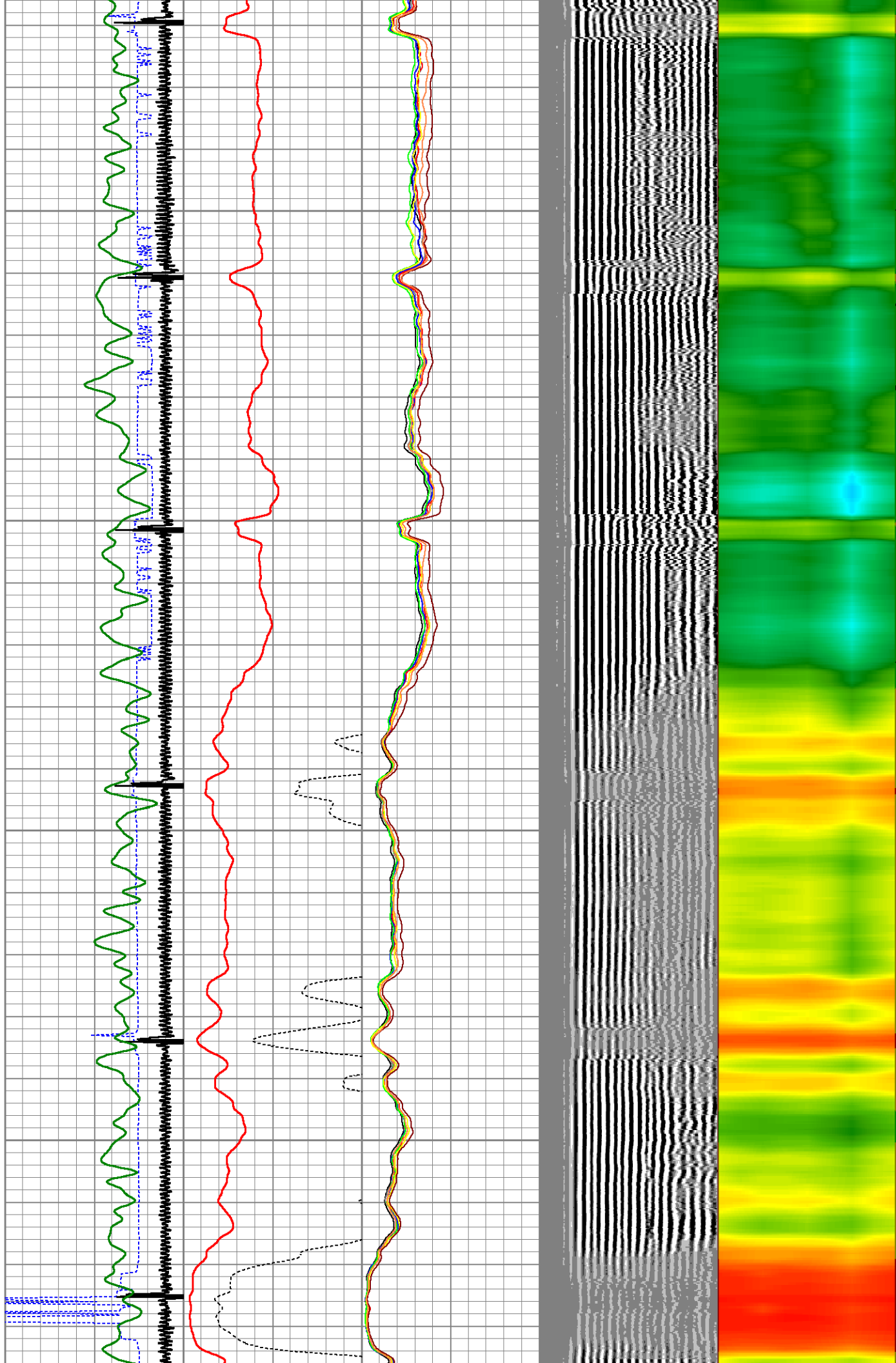


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4000

4050

4100



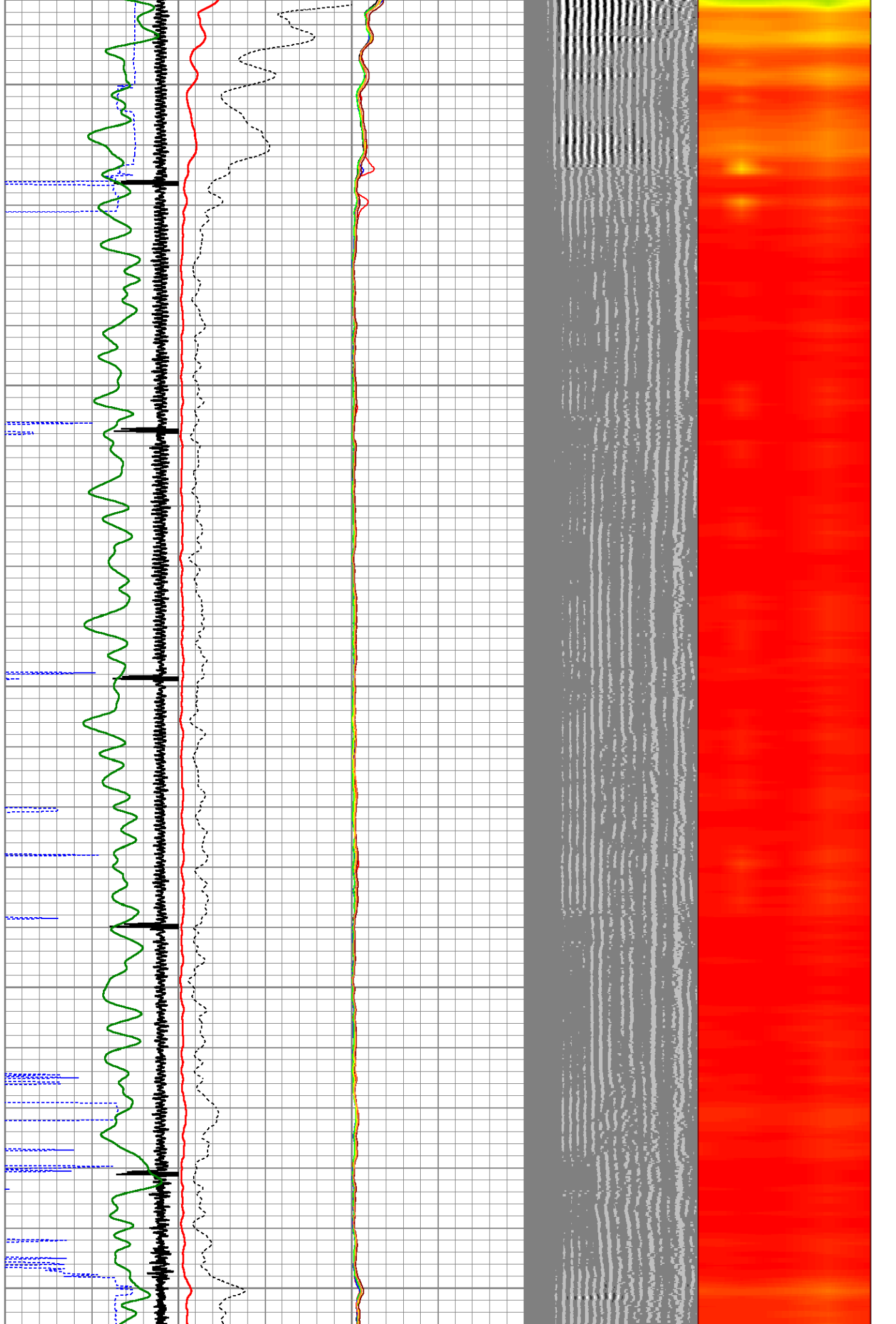
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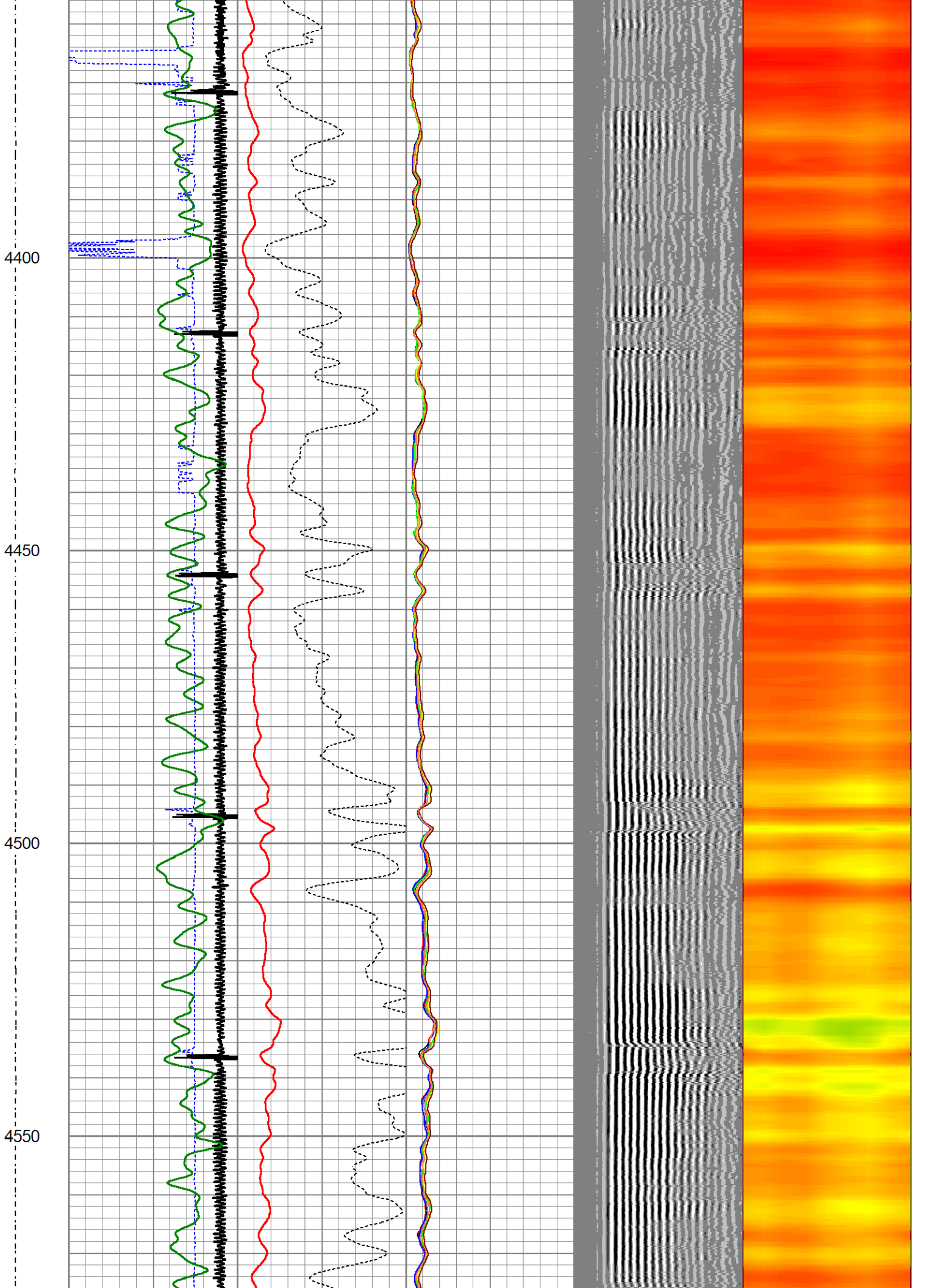
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4250

4300

4350



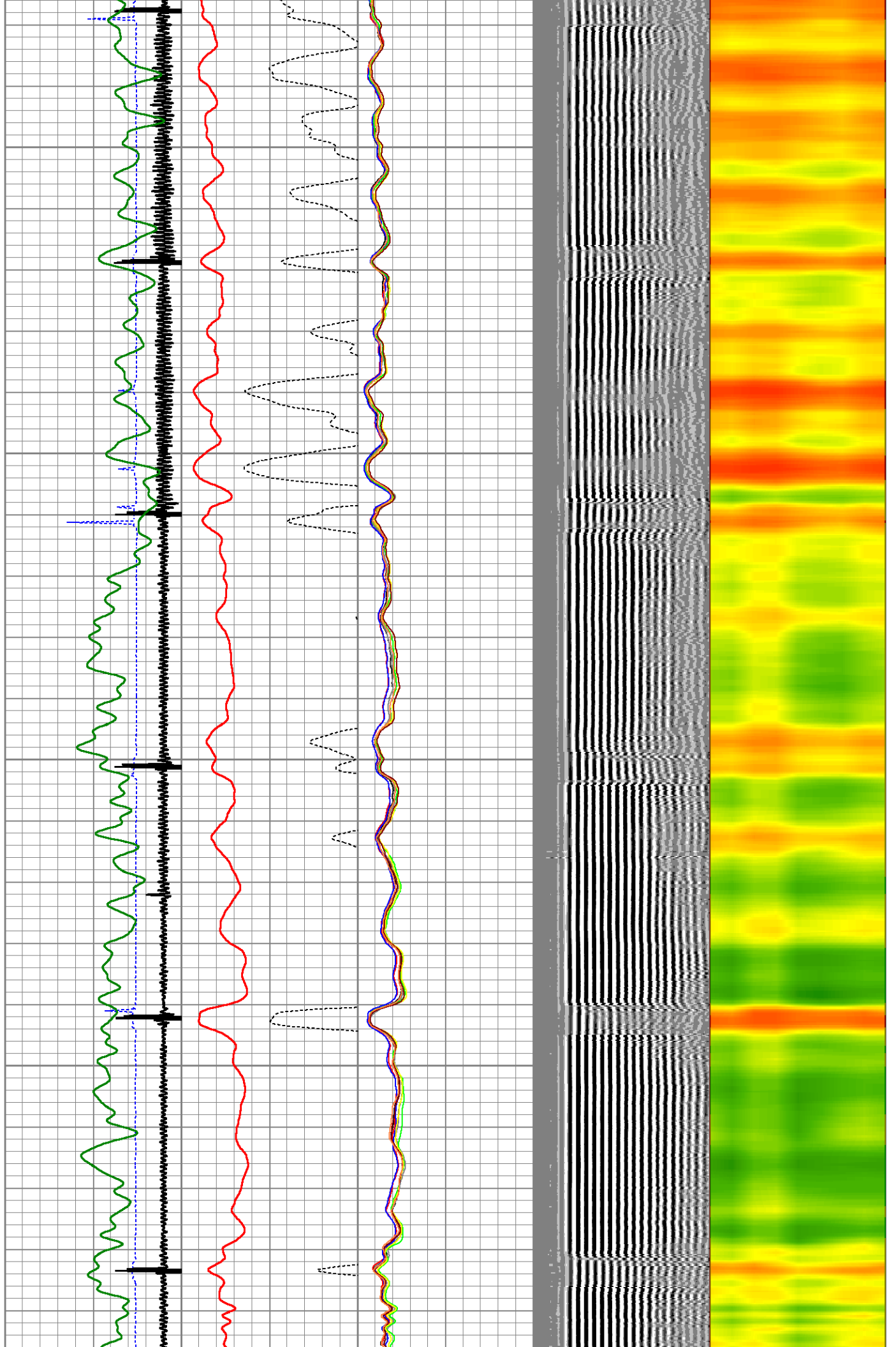


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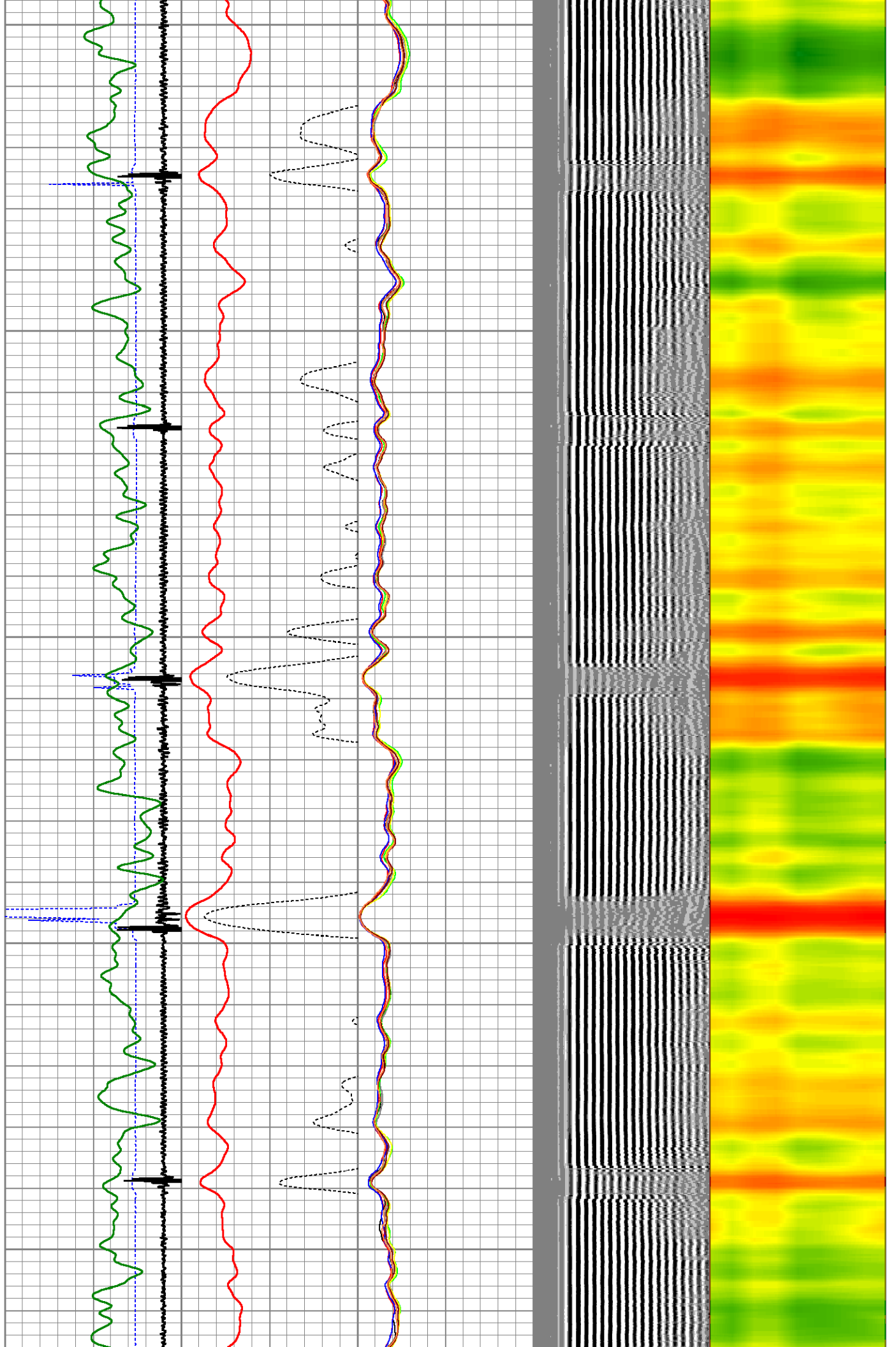
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4700

4750



4800
4850
4900
4950
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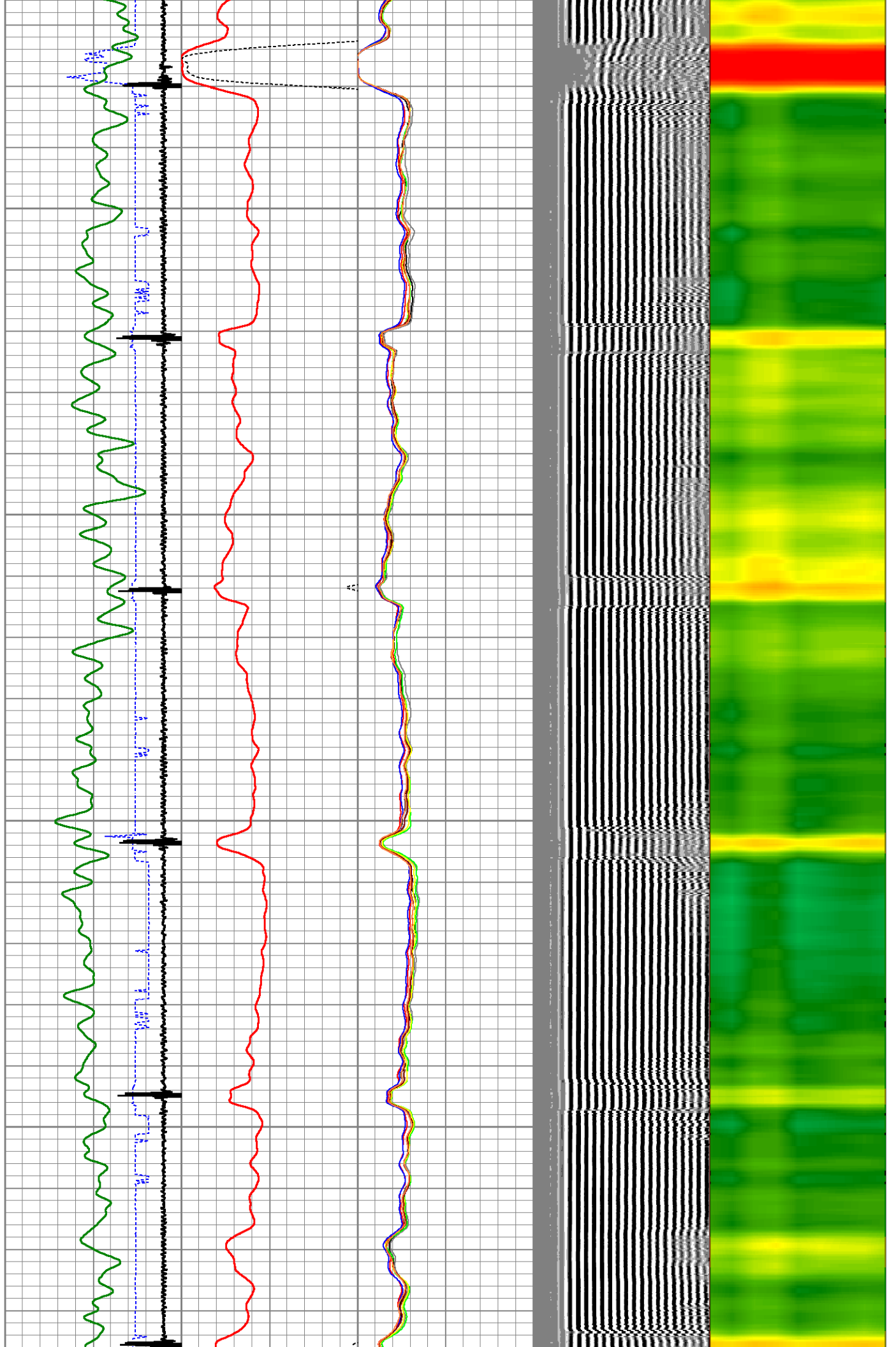


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5100

5150

5200



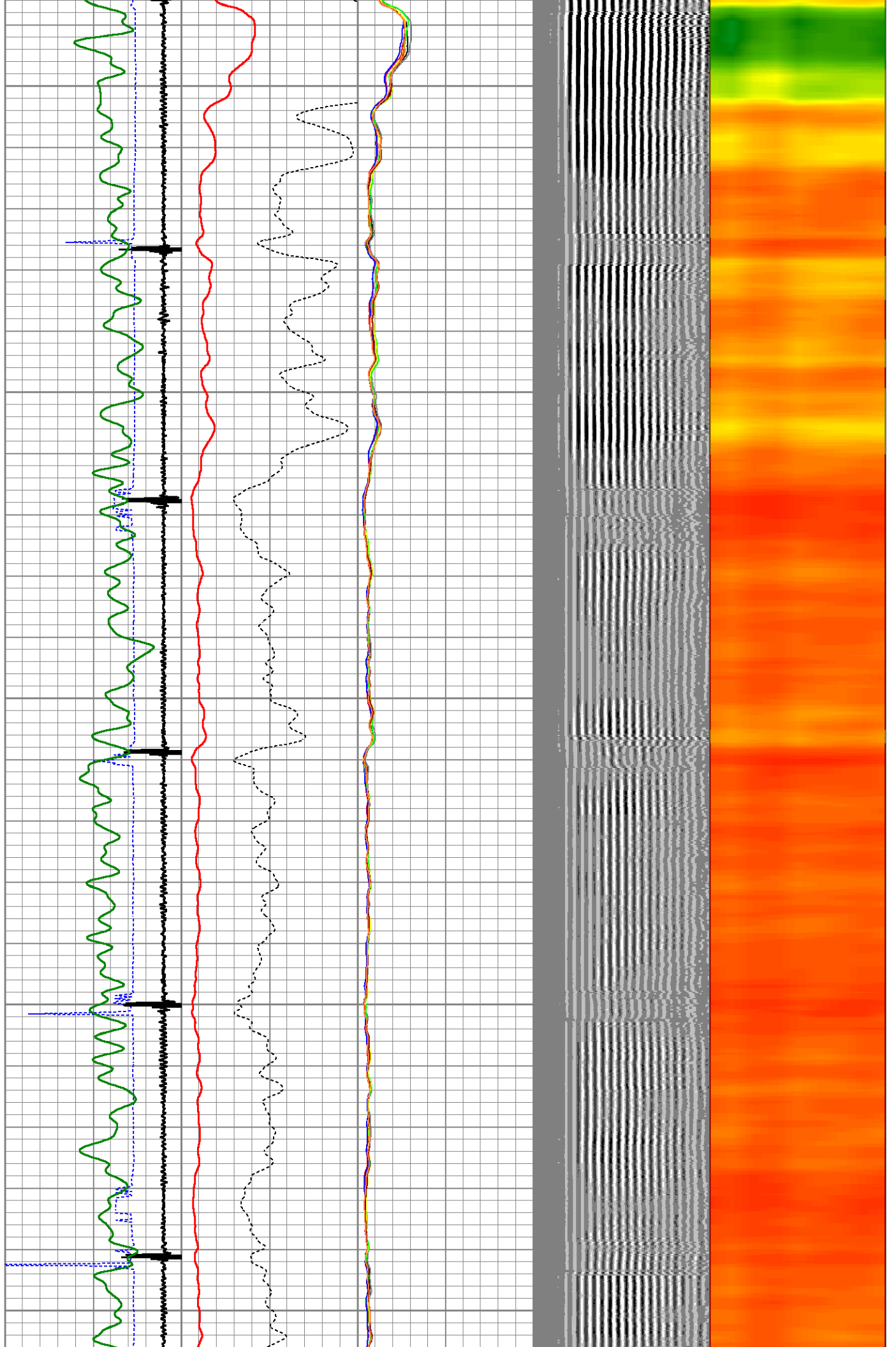
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5350

5400

5450

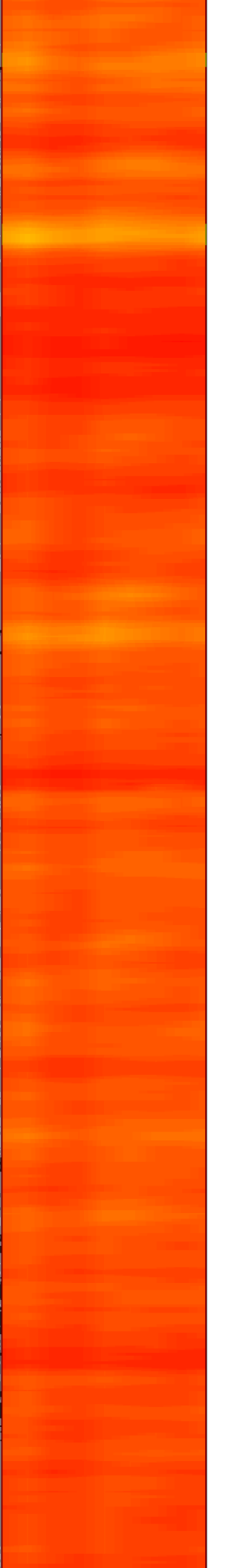
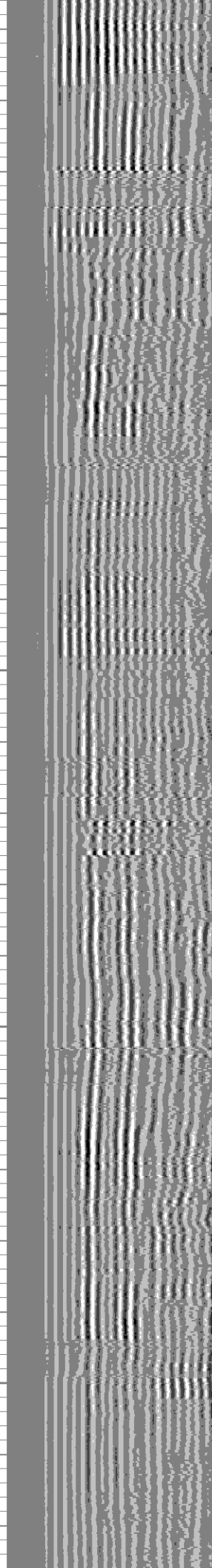
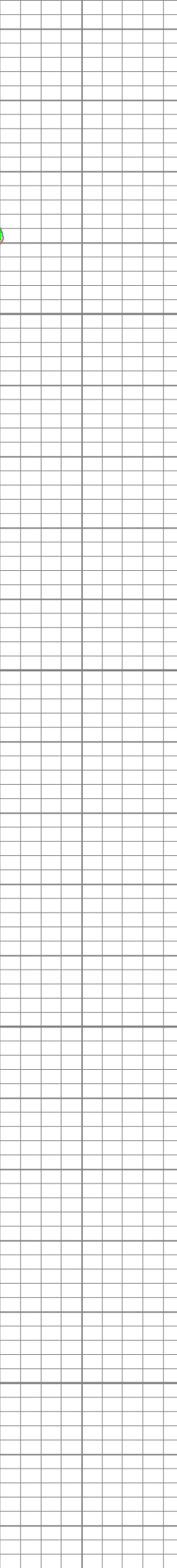
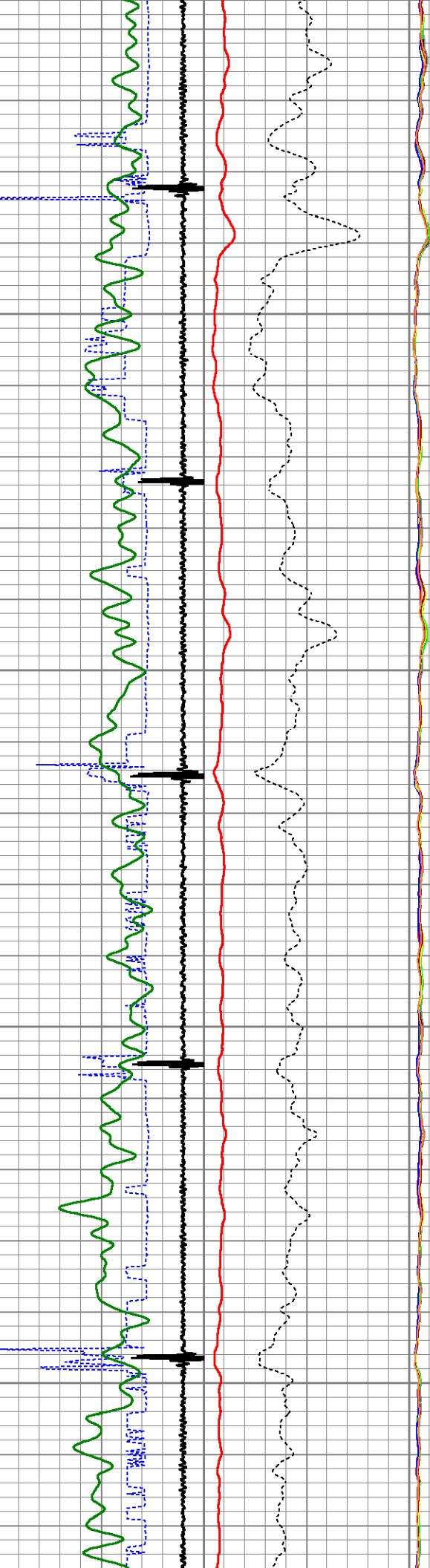


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5550

5600

5650

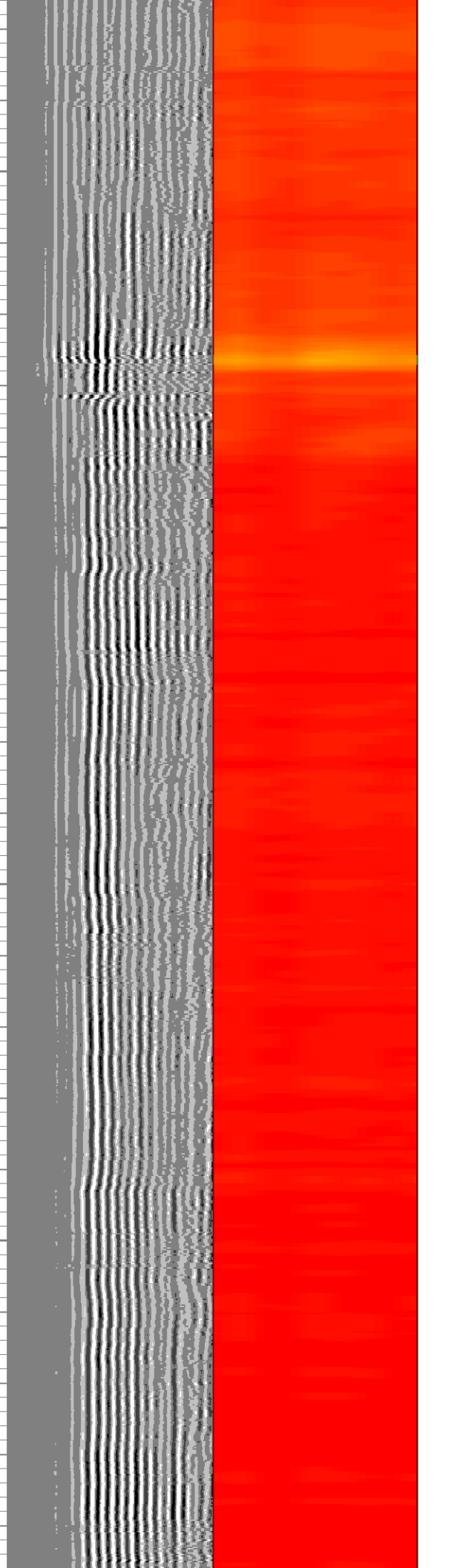
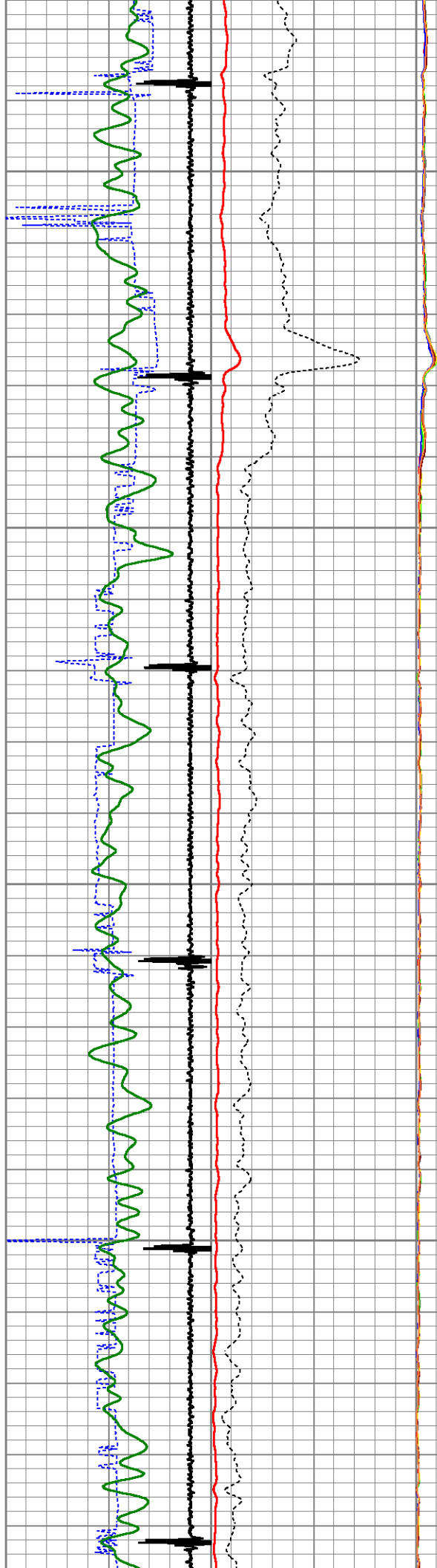


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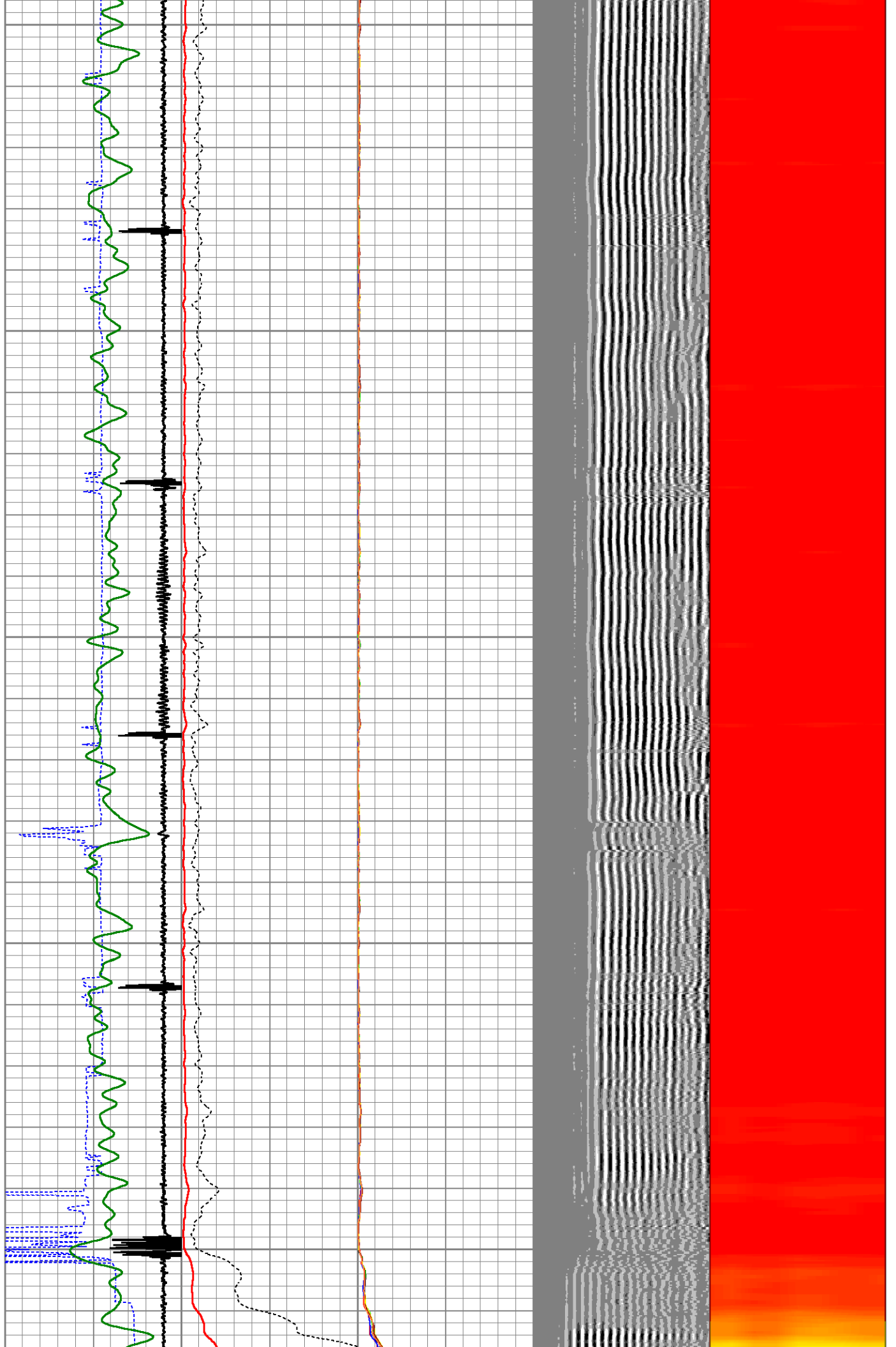
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5800

5850



5900
5950
6000
6050
6100

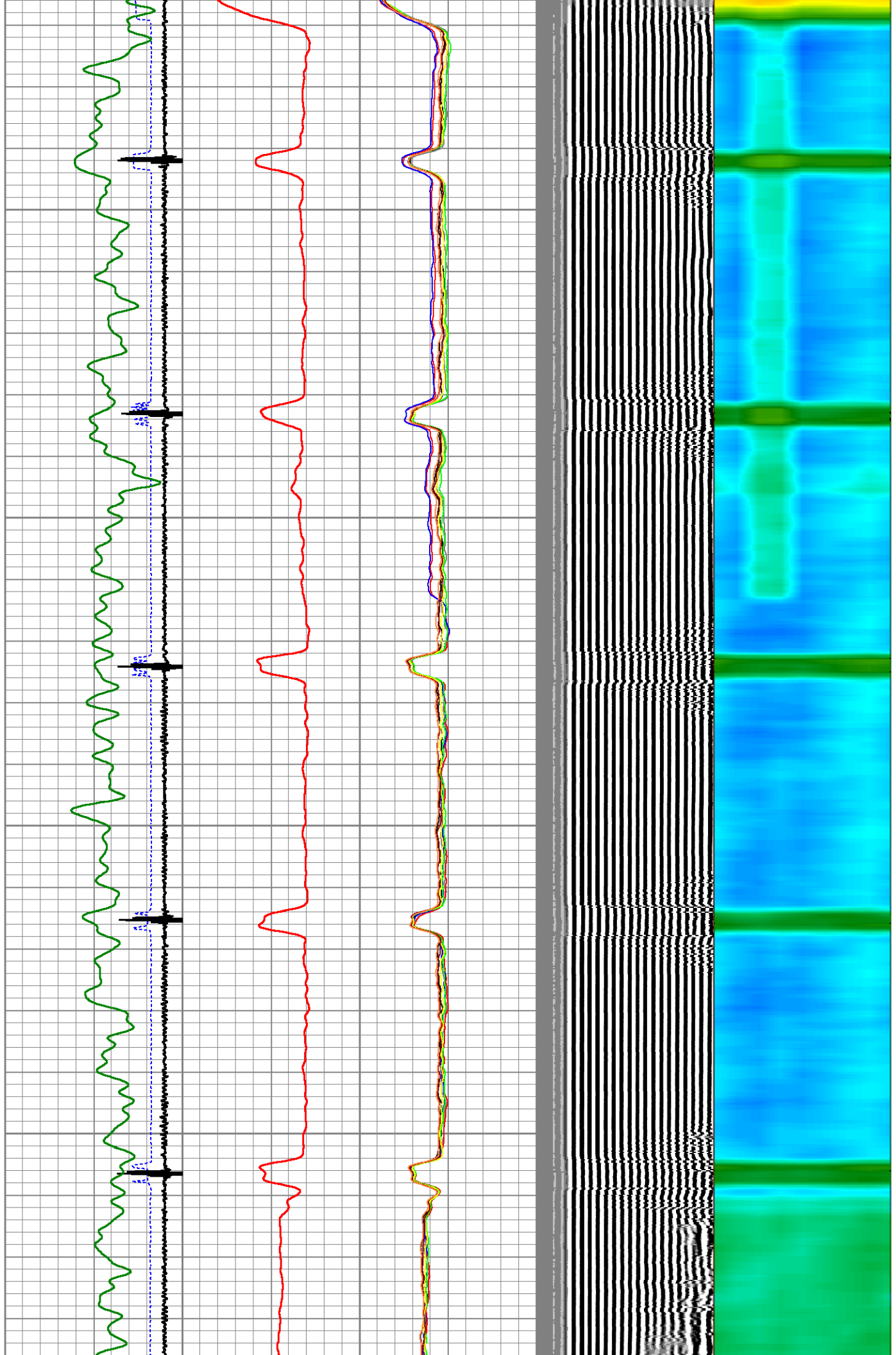


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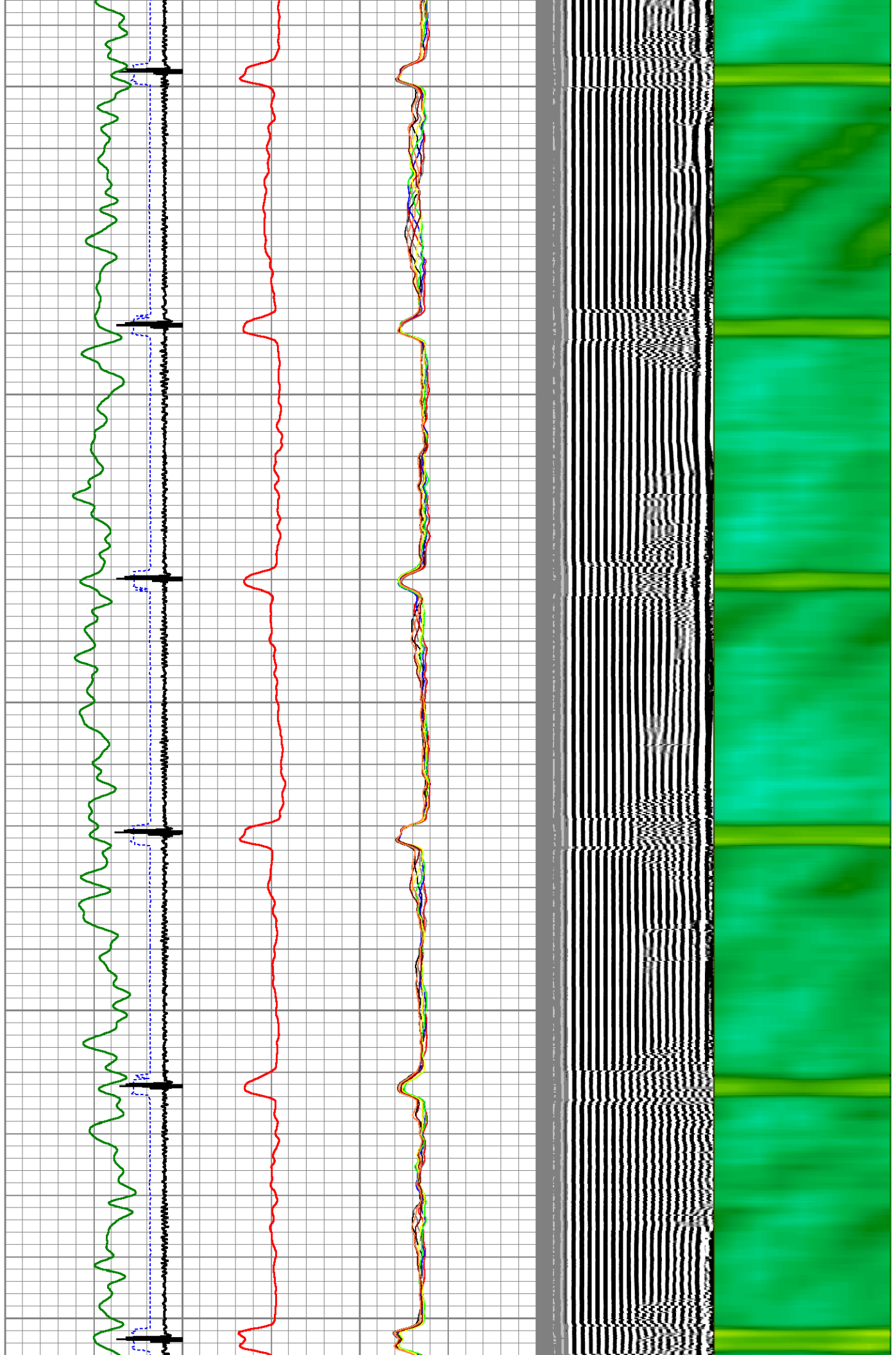
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6250

6300



6350
6400
6450
6500
6550

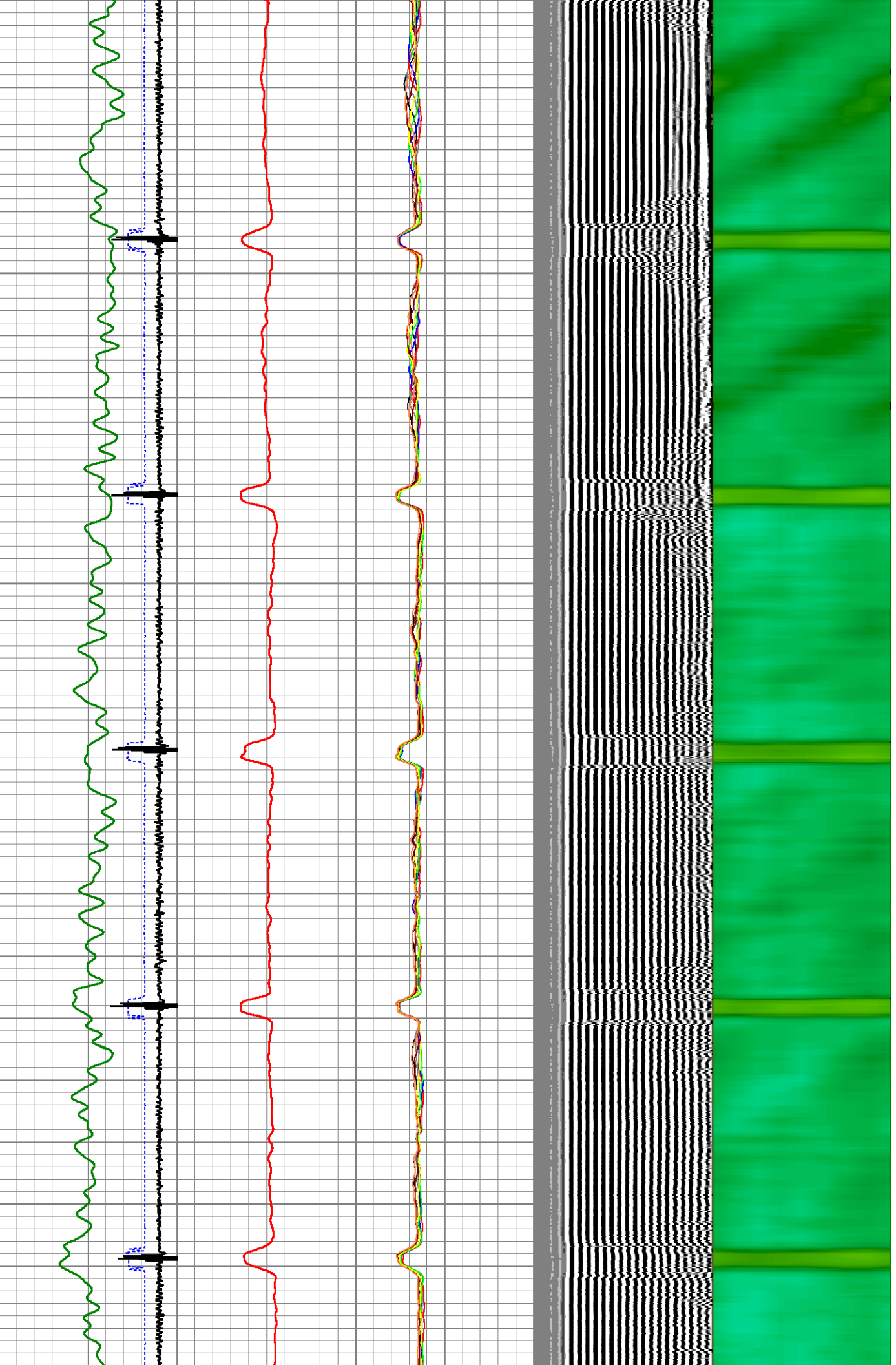


6600

6650

6700

6750

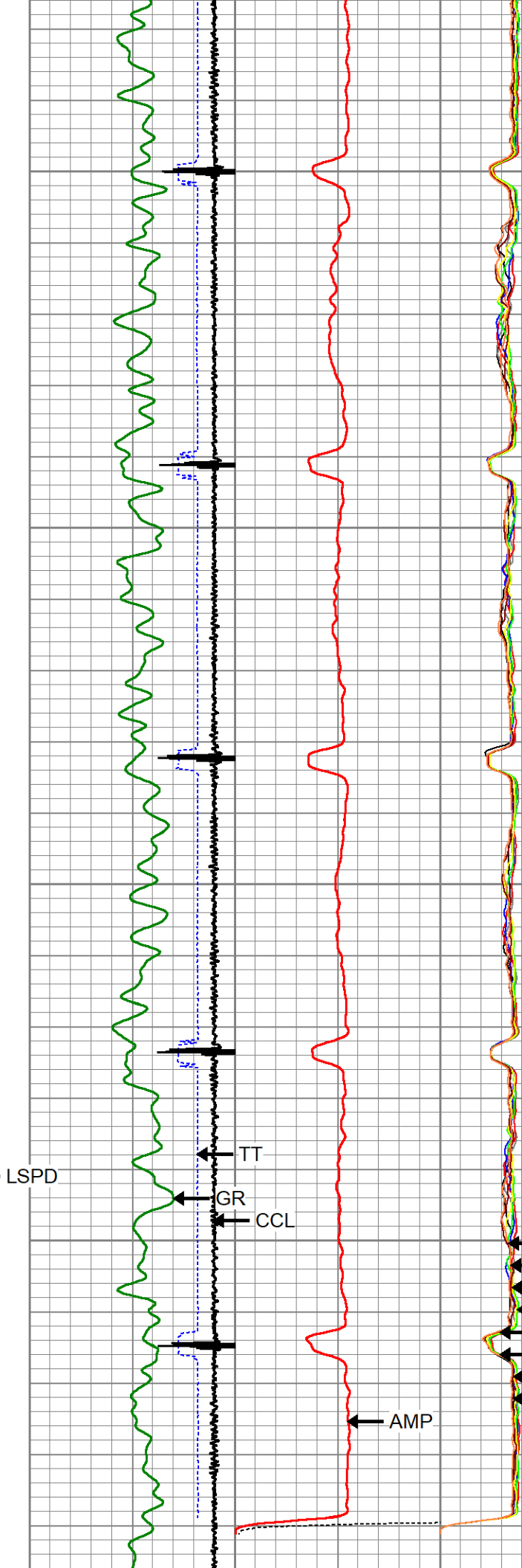


6800

6850

6900

6950



LSPD

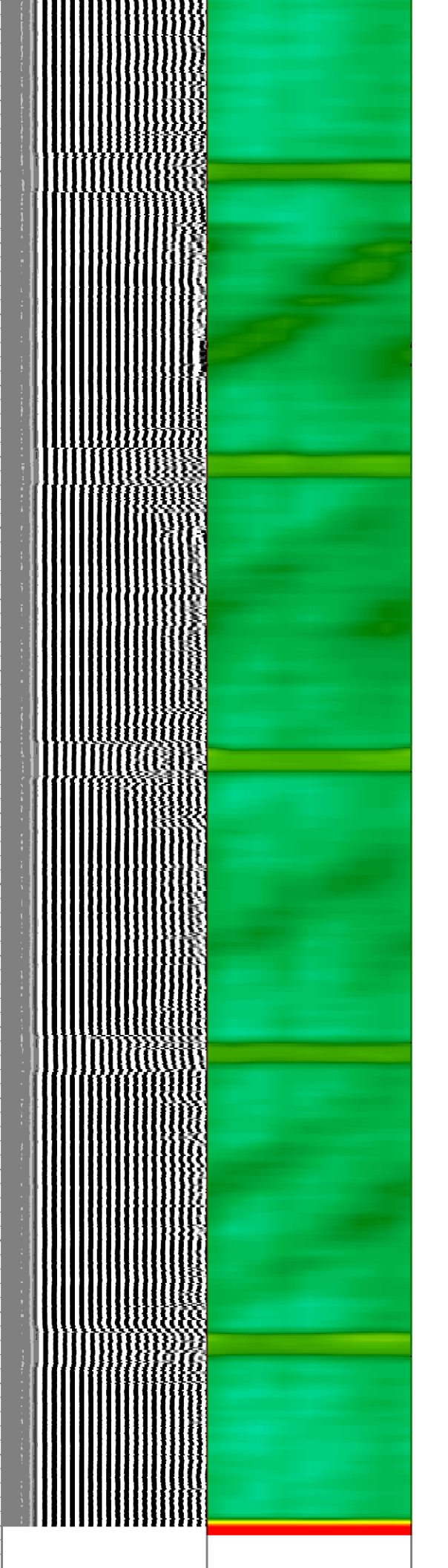
TT

GR

CCL

AMP

- AMPS8
- AMPS7
- AMPS6
- AMPS5
- AMPS4
- AMPS3
- AMPS2
- AMPS1



7000															
LSPD (ft/min)	650	TT (usec)	150	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
	-9	CCL	1	Amplified Amplitude			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					

Calibration Report

Database File baker 31-27 rbl civi.db
Dataset Pathname pass2
Dataset Creation Fri Feb 21 16:01:36 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: 3574.725 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	1.071	0.800	81.196	75.428	0.405
CAL	-0.001	1.565				
5'	0.003	0.960	0.800	81.196	84.027	0.539
SUM						
S1	0.003	0.991	0.000	81.196	82.137	-0.237
S2	0.003	0.974	0.000	81.196	83.622	-0.260
S3	0.004	0.992	0.000	81.196	82.169	-0.315
S4	0.006	1.079	0.000	81.196	75.711	-0.460
S5	0.006	1.147	0.000	81.196	71.126	-0.416
S6	0.005	1.202	0.000	81.196	67.833	-0.346
S7	0.005	1.162	0.000	81.196	70.165	-0.358
S8	0.007	1.051	0.000	81.196	77.770	-0.524

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset

CAL

0.000

0.000

-0.001

1.565

1.000

0.000

Air Zero Calibration, performed Fri Jun 21 08:12:39 2024:

	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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