



**RADIAL BOND TOOL  
GAMMA RAY  
CCL**

Company CIVITAS RESOURCES  
Well DEVORE 01  
Field WATTENBERG  
County WELD  
State COLORADO Country U.S.A.

Company CIVITAS RESOURCES  
Well DEVORE 01  
Field WATTENBERG  
County WELD  
State COLORADO Country U.S.A.

Location: NE/NE  
LAT. 40.186017 LONG. -104.758167  
SEC 34 TWP 3N RGE 66W  
API #: 05-123-07329

Permanent Datum GL Elevation: 4970'  
Log Measured From KB 11' Elevation: 4981'  
Drilling Measured From KB Elevation: 4980'  
G.L. 4970'

Other Services

Date MARCH 5 2025 MARCH 5 2025

Run Number ONE TWO

Depth Driller 7967'

Depth Logger 7000'

Bottom Logged Interval 6996' 996'

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 BERNIE CHAVEZ

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size						
Surface String	8.625"			Wgt/Ft		Top	Bottom
Prot. String				24#		SURFACE	172'
Production String							
Liner	4.5"			11.6#		SURFACE	7977'

<<< Fold Here >>>

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 11'**

**GAS INDICATED IN ANNULUS FROM @ 2924' - 3052'**

**AERATED FLUID 80'  
FLUID LEVEL @ 34'**

**PASS 2 LOGGED UNDER 500PSI SURFACE INDUCED PRESSURE 1000' - SURFACE**

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-2.75variable 2.75" variable length	2.00	2.75	25.00
HEADVOLT	17.88					
Temp	15.02					
			RBT-27SBT10 (Greeley Ext Temp) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	
WVFS8	12.79					
WVFS7	12.79					
WVFS6	12.79					
WVFS5	12.79					
WVFS4	12.79					
WVFS3	12.79					
WVFS2	12.79					
WVFS1	12.79					
WVF3FT	12.79					
WVF5FT	11.79					
WVFCAL	8.54					
HEADVOLT	8.54					
			CENT-2.75variable 2.75" variable length	2.00	2.75	25.00
CCL	5.64					
			GR-27GRL10 (27GRL10-XXXX) 2-3/4" Probe Gamma Ray	4.54	2.75	50.00
GR	2.89					
			CENT-2.75variable 2.75" variable length	2.00	2.75	25.00

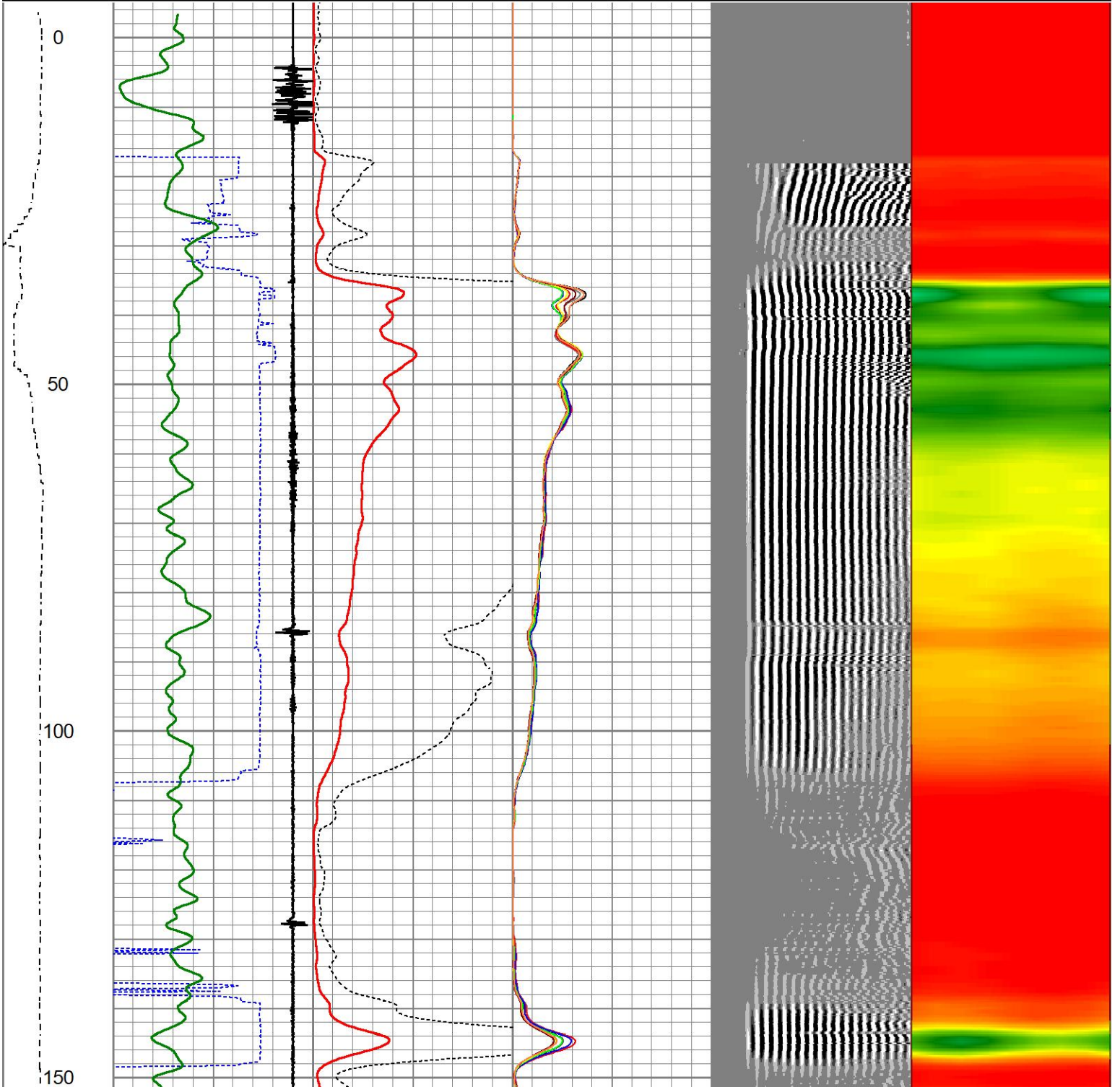
Dataset: devore 01 rbl civi.db: field/well/run1/pass11  
 Total length: 20.93 ft  
 Total weight: 130.00 lb  
 O.D.: 2.75 in

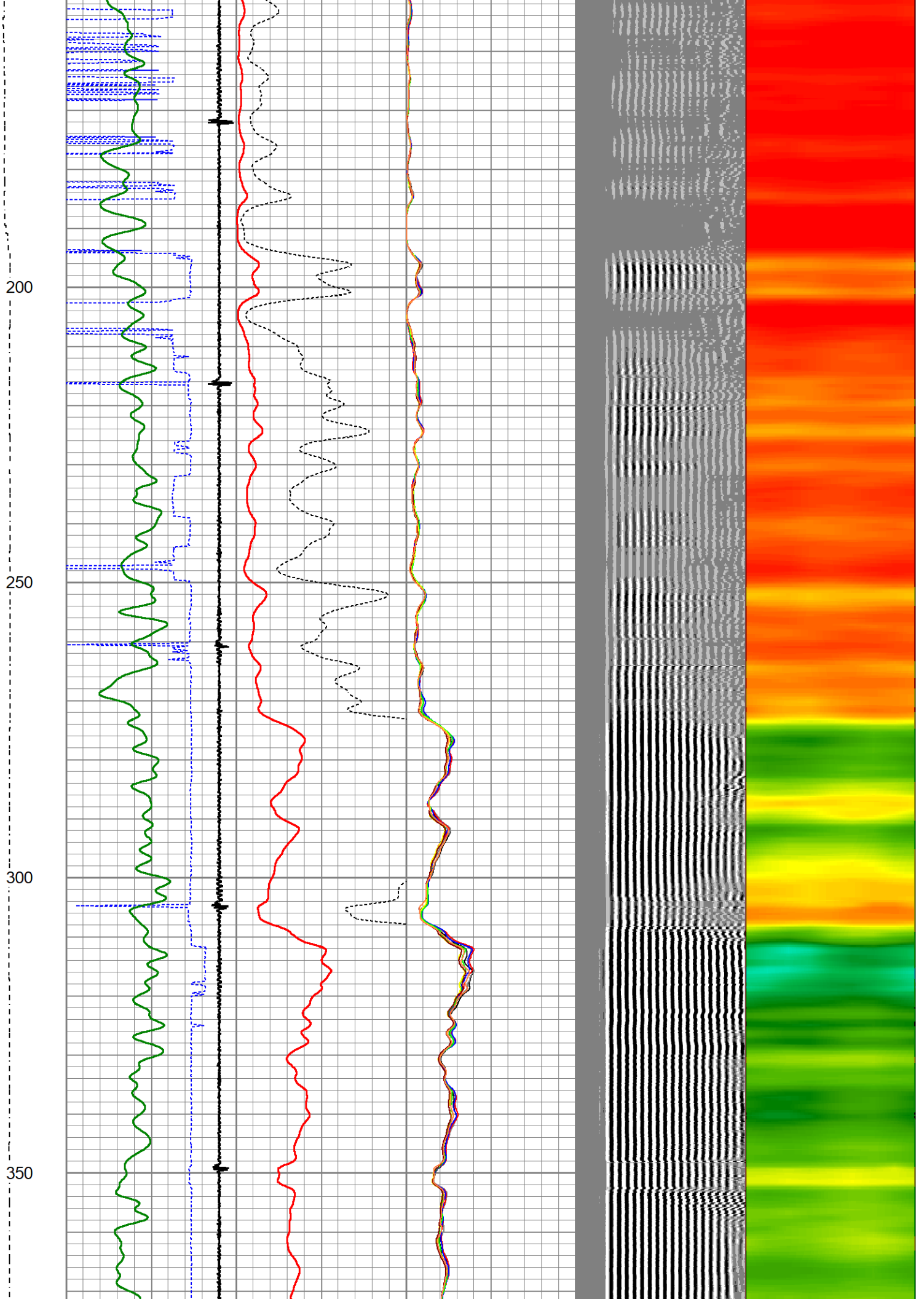


# ENERGY SERVICES

Database File devore 01 rbl civi.db  
 Dataset Pathname pass19  
 Presentation Format ips\_rbtcolorcivitas  
 Dataset Creation Wed Mar 05 15:57:00 2025  
 Charted by Depth in Feet 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 Amplitude		0	0	AMPS2	150						
0	250	0	GR (GAPI)	200	0	0	AMPS3	150							
		200	GR (GAPI)	400			0	AMPS4	150						
						0	AMPS5	150							
						0	AMPS6	150							
						0	AMPS7	150							
						0	AMPS8	150							
						0	AMPS8	150							



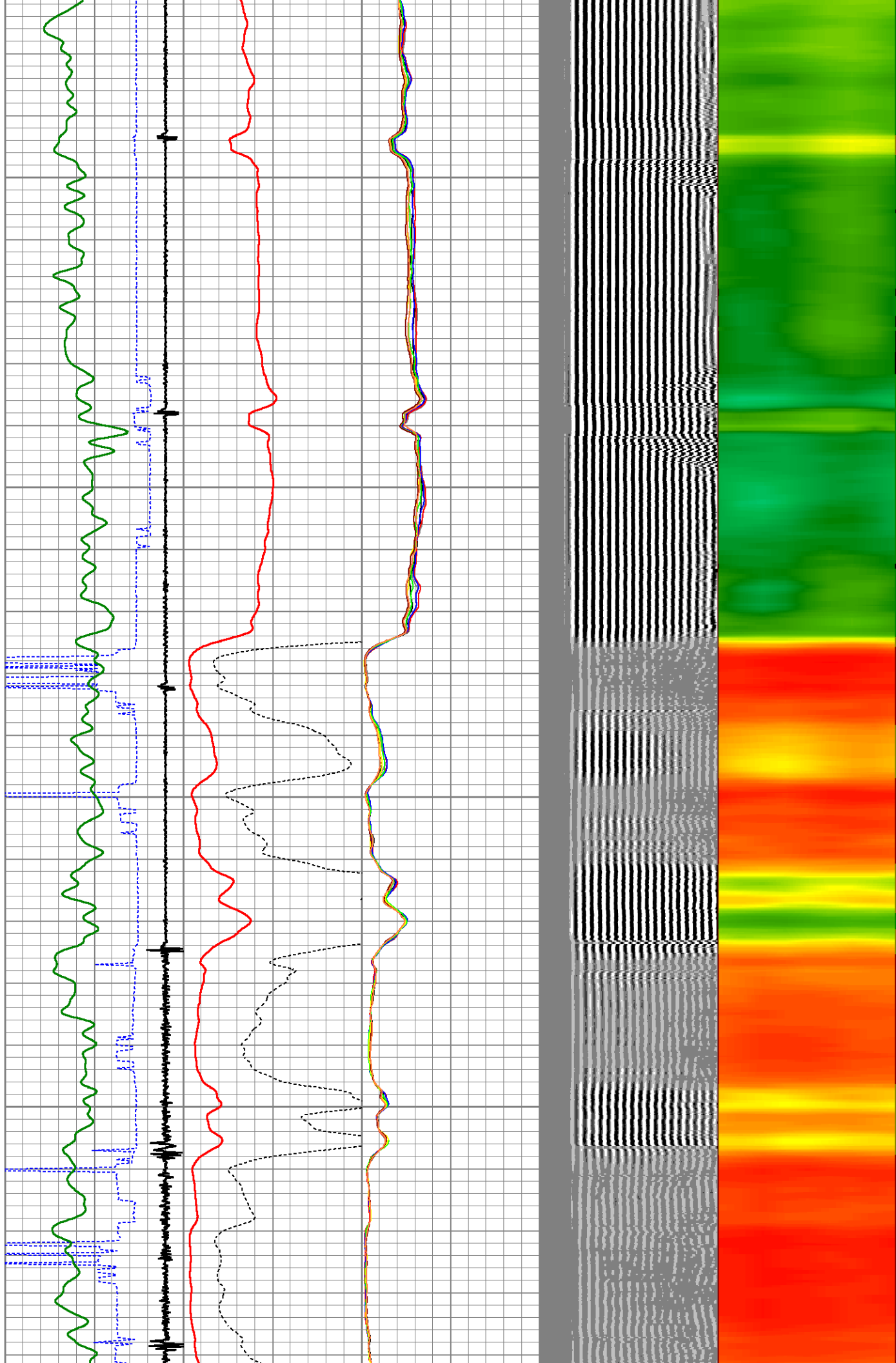


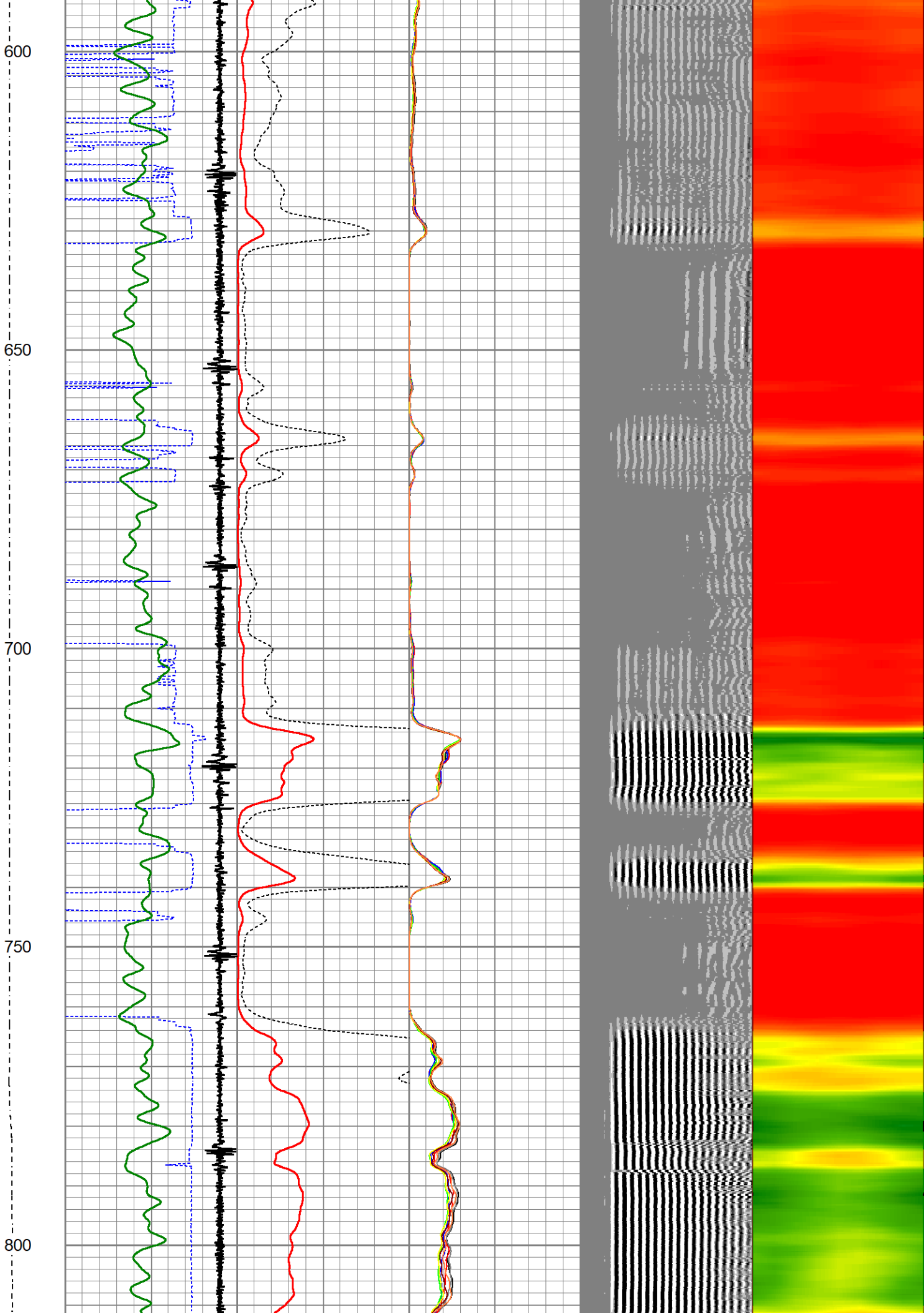
400

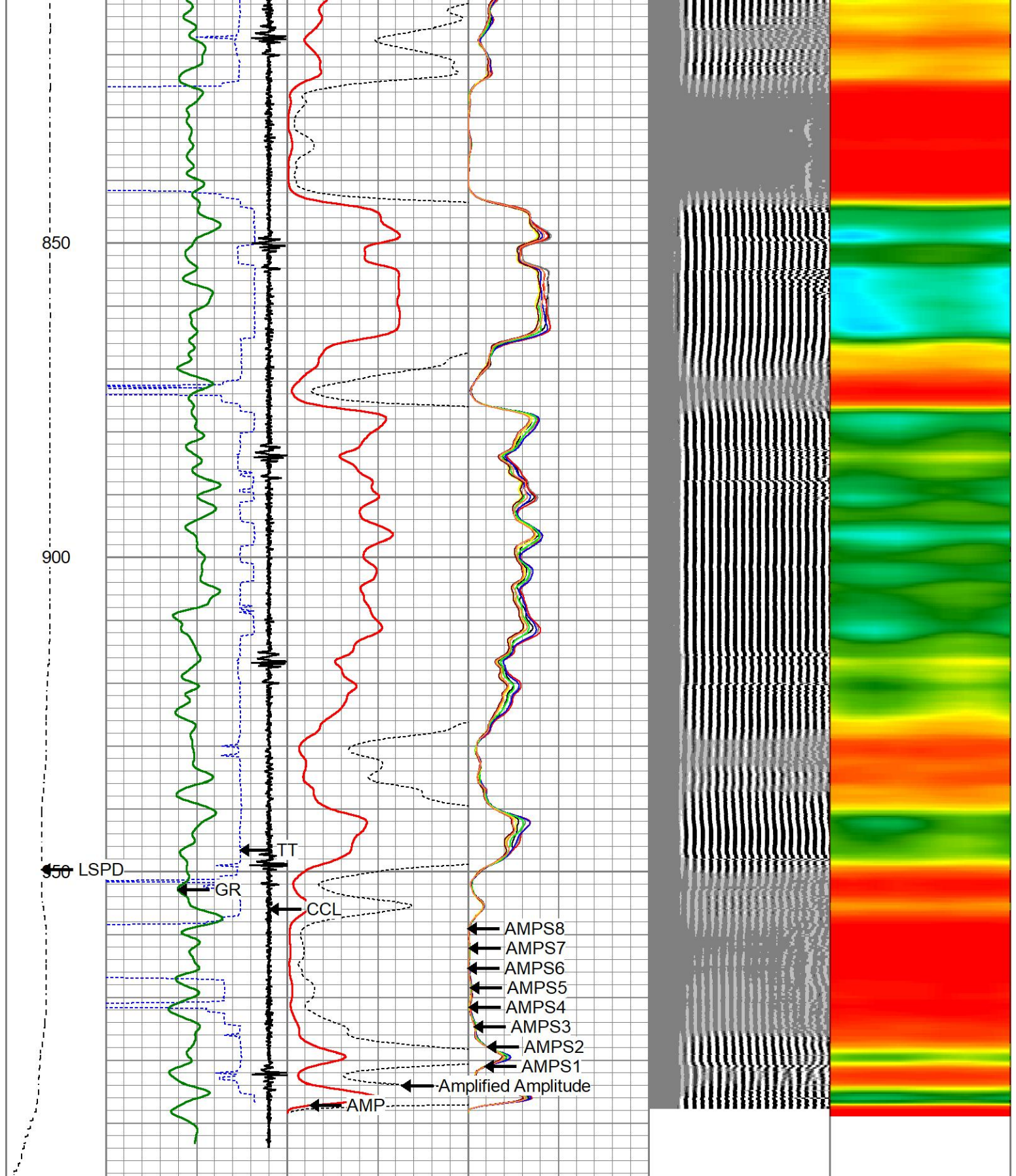
450

500

550







850

900

1000 LSPD

TT

GR

CCL

AMPS8

AMPS7

AMPS6

AMPS5

AMPS4

AMPS3

AMPS2

AMPS1

Amplified Amplitude

AMP

1000

LSPD  
(ft/min)

650	TT (usec)	150
-9	CCL	1
0	GR (GAPI)	200
200	GR (GAPI)	400

0	AMP (mV)	100
0	Amplified Amplitude	20

0	AMPS1	150
0	AMPS2	150
0	AMPS3	150
0	AMPS4	150
0	AMPS5	150
0	AMPS6	150
0	AMPS7	150
0	AMPS8	150

200	VDL (usec)	1200
-----	------------	------

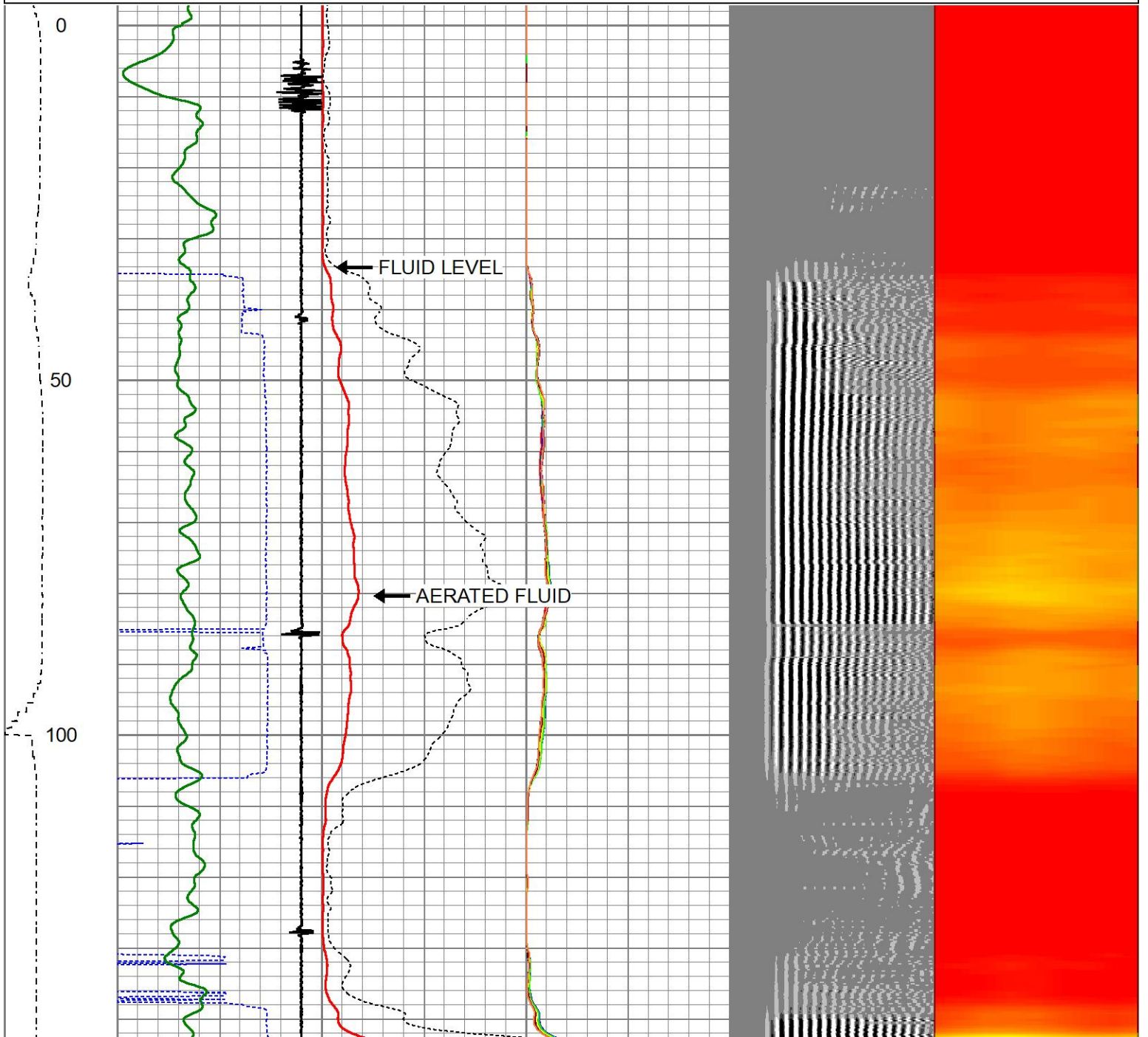
Cement Map 8

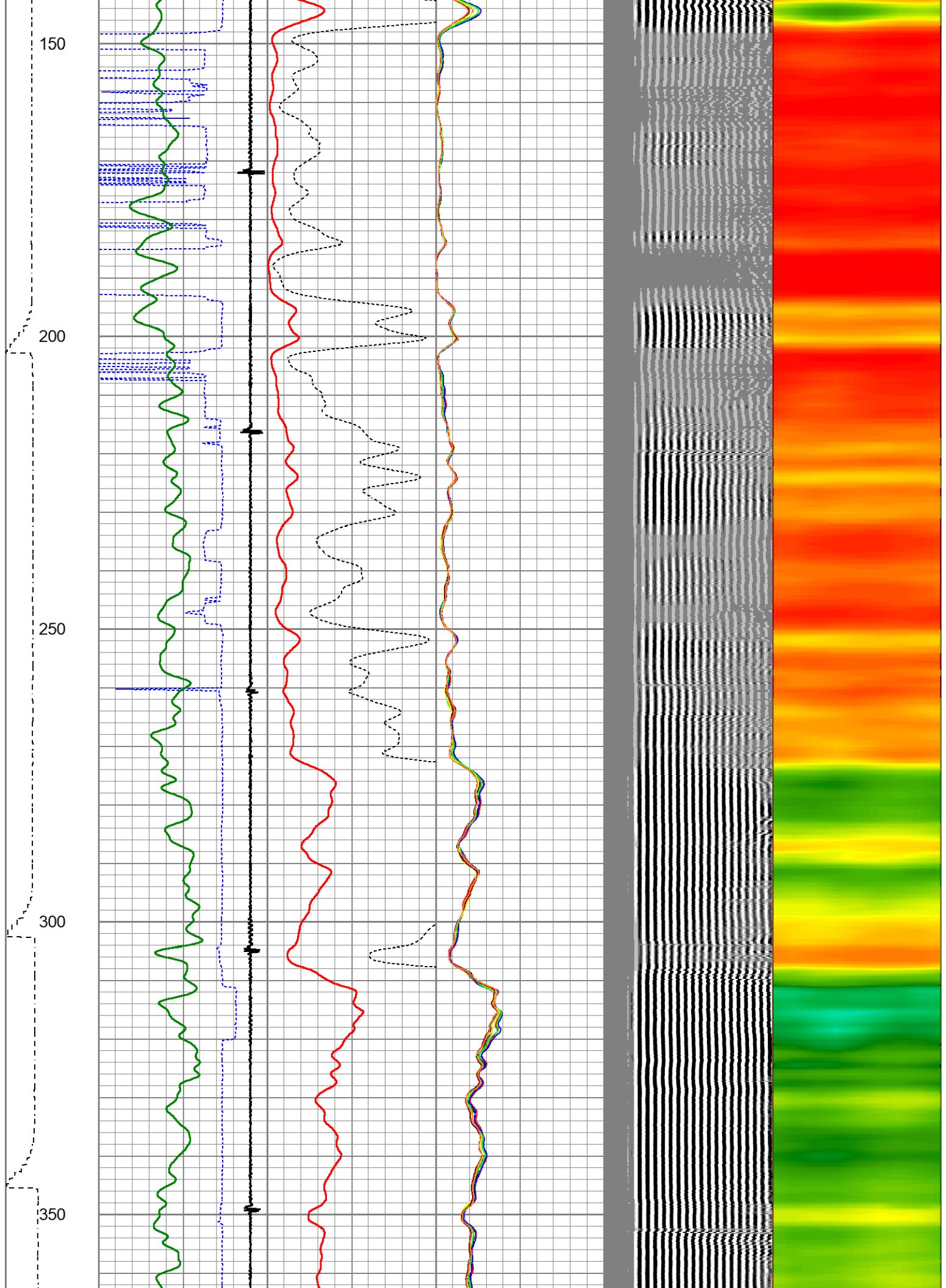


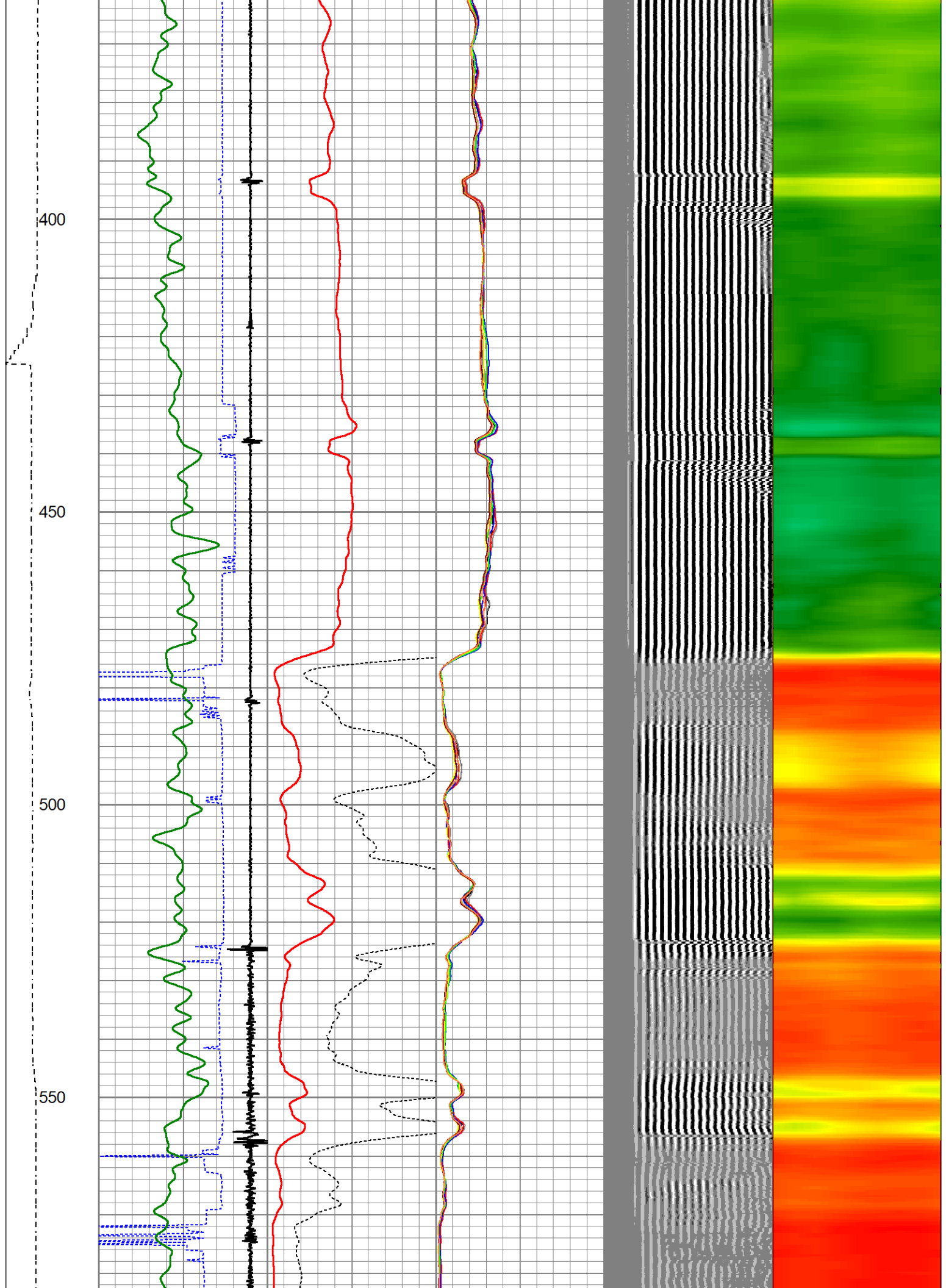
0	AMPS7	150
0	AMPS8	150

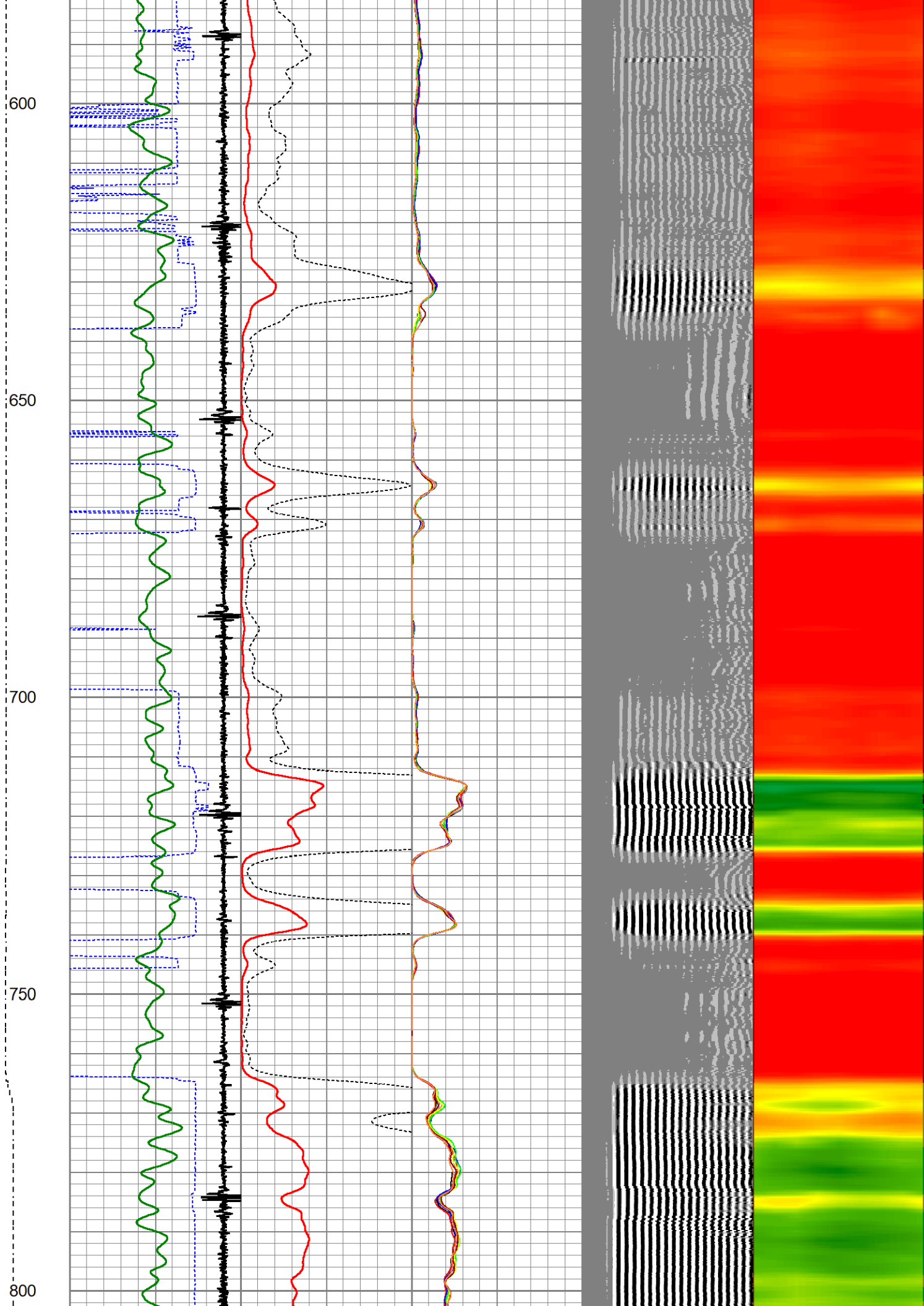
Database File devore 01 rbl civi.db  
 Dataset Pathname pass11  
 Presentation Format ips\_rbtcolorcivitas  
 Dataset Creation Wed Mar 05 13:37:44 2025  
 Charted by Depth in Feet scaled 1:240

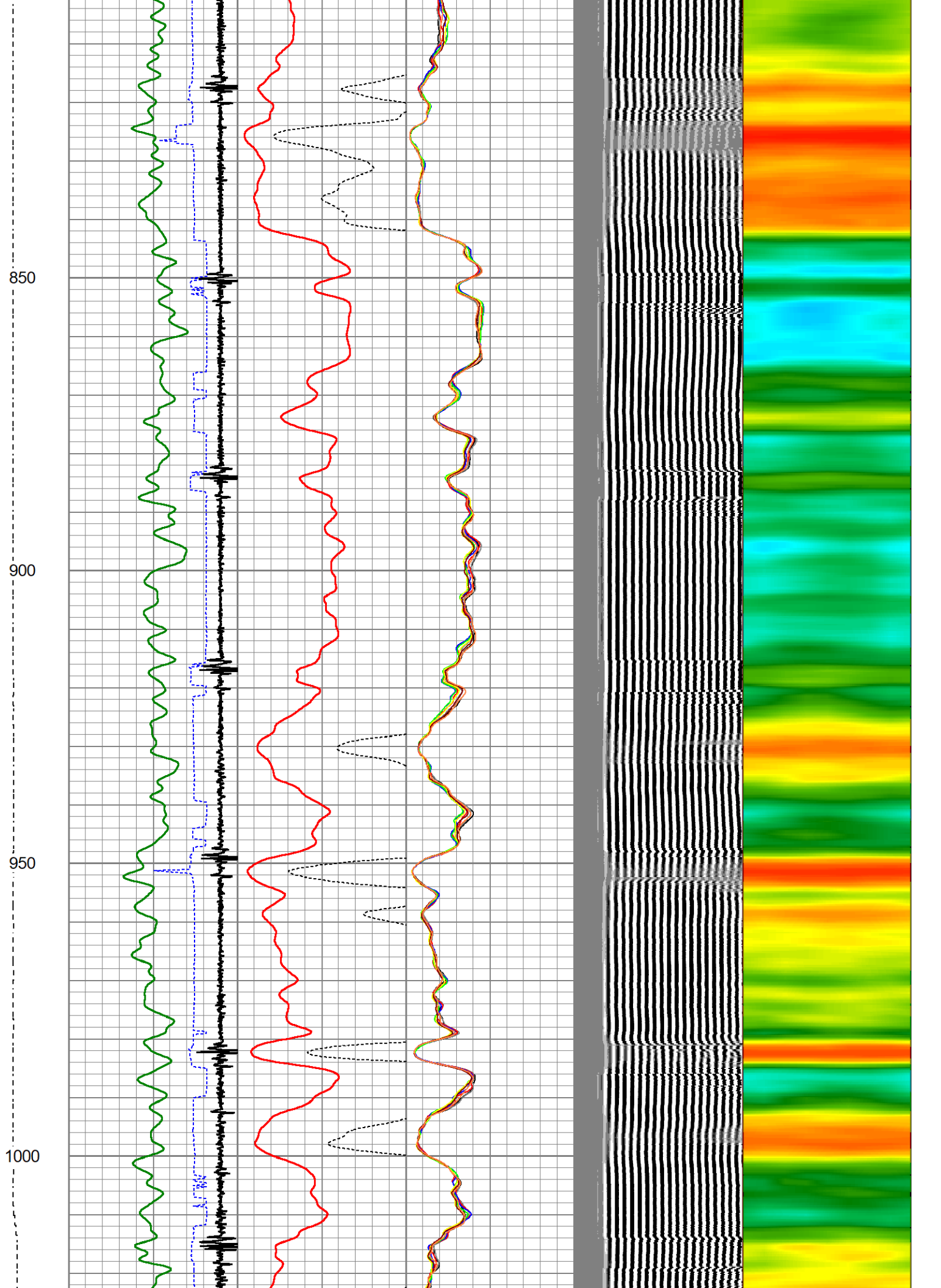
LSPD	650	TT (usec)	150	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
(ft/min)	-9	CCL	1	Amplified Amplitude		0	0	AMPS2	150						
0	250	0	GR (GAPI)	200	0	(mV)	20	0	AMPS3	150					
		200	GR (GAPI)	400				0	AMPS4	150					
								0	AMPS5	150					
								0	AMPS6	150					
								0	AMPS7	150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









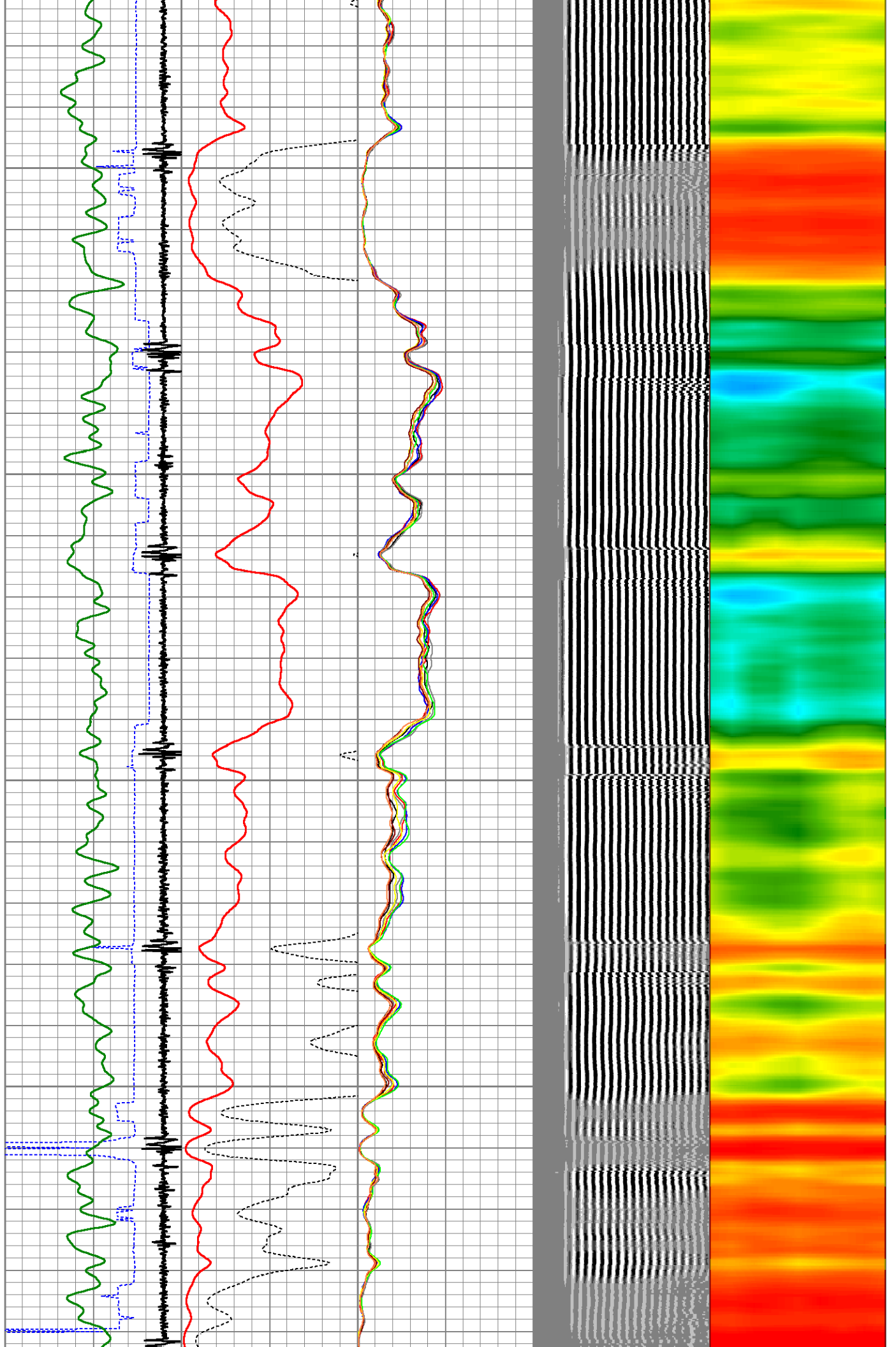


1050

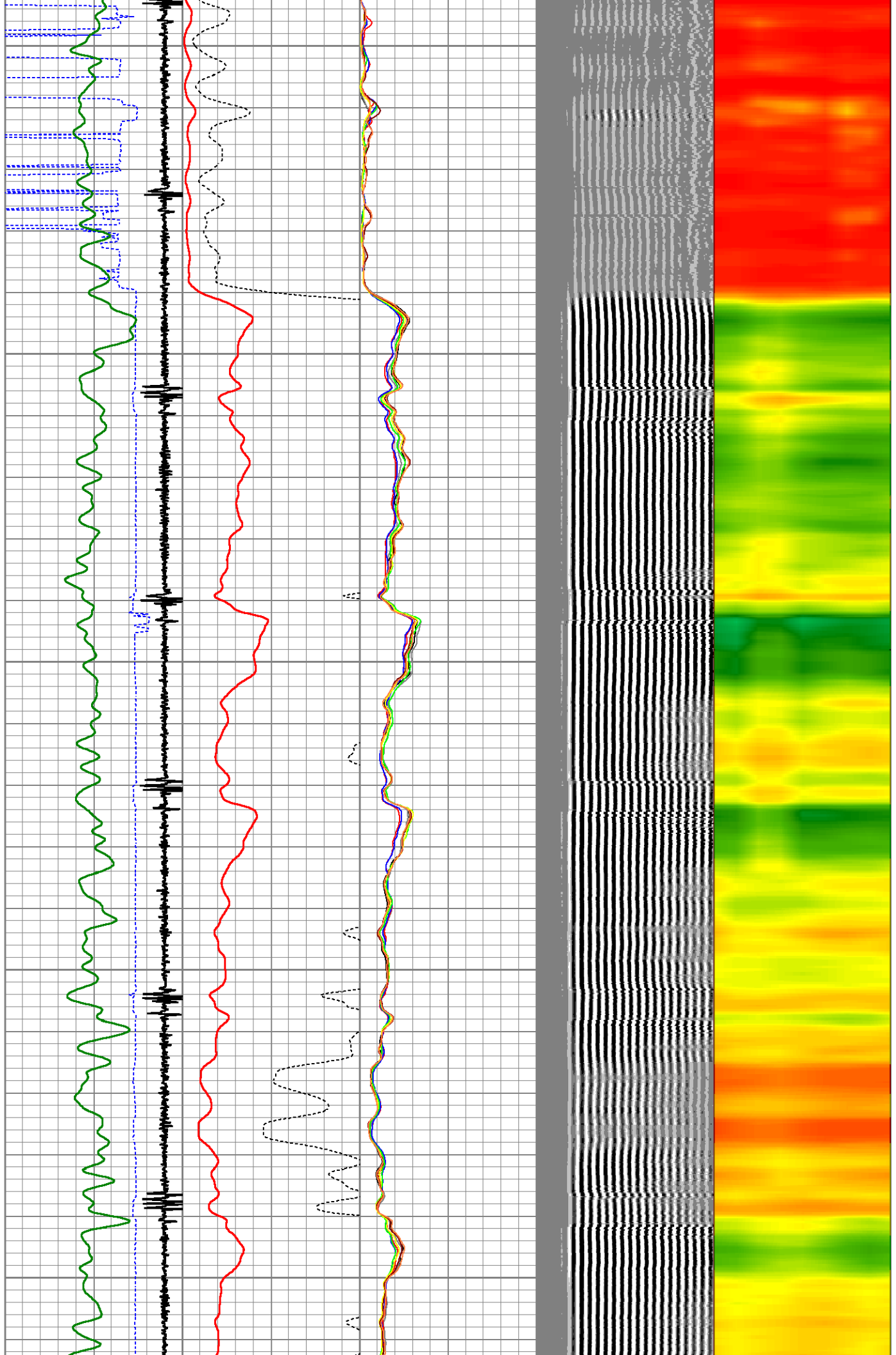
1100

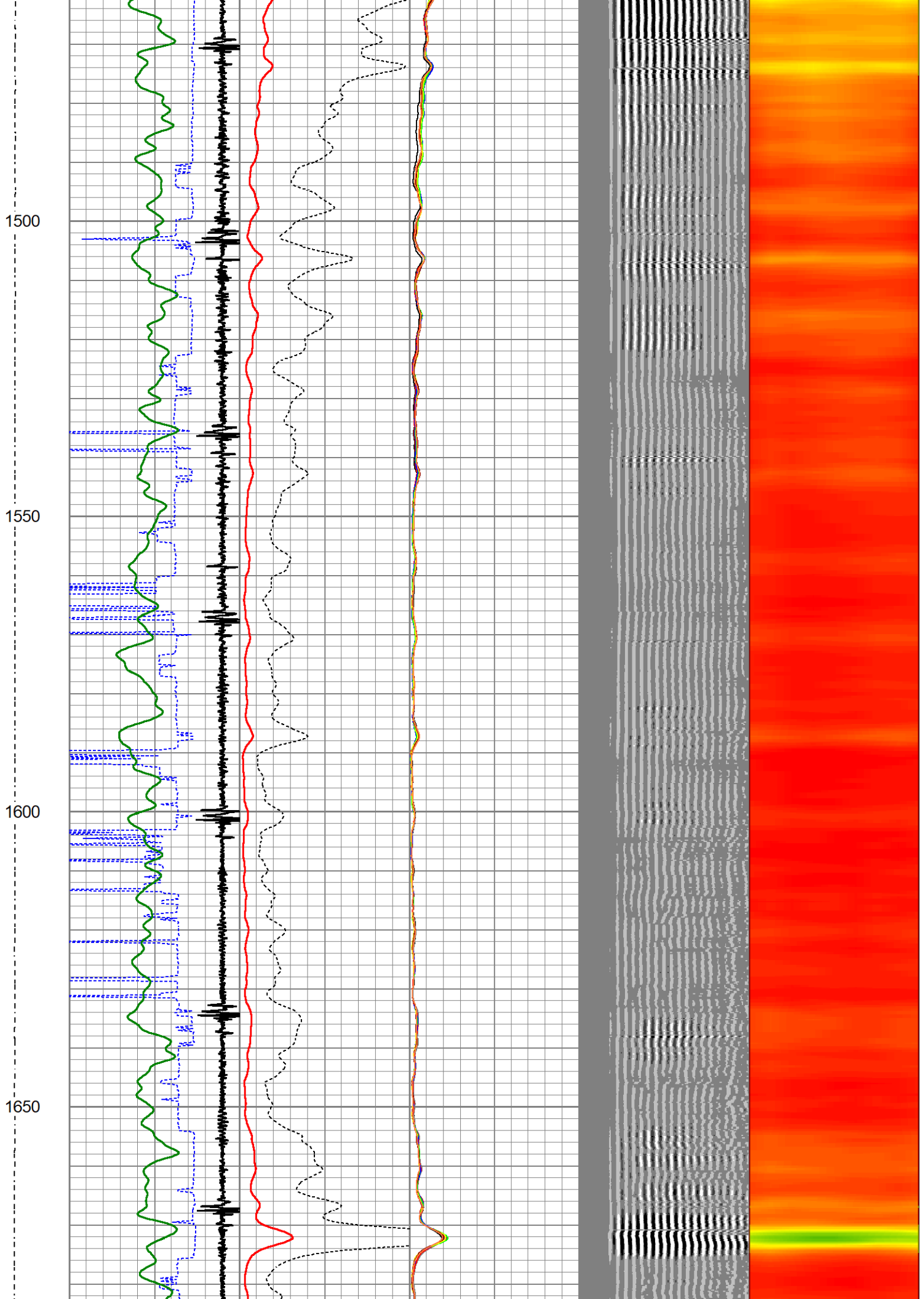
1150

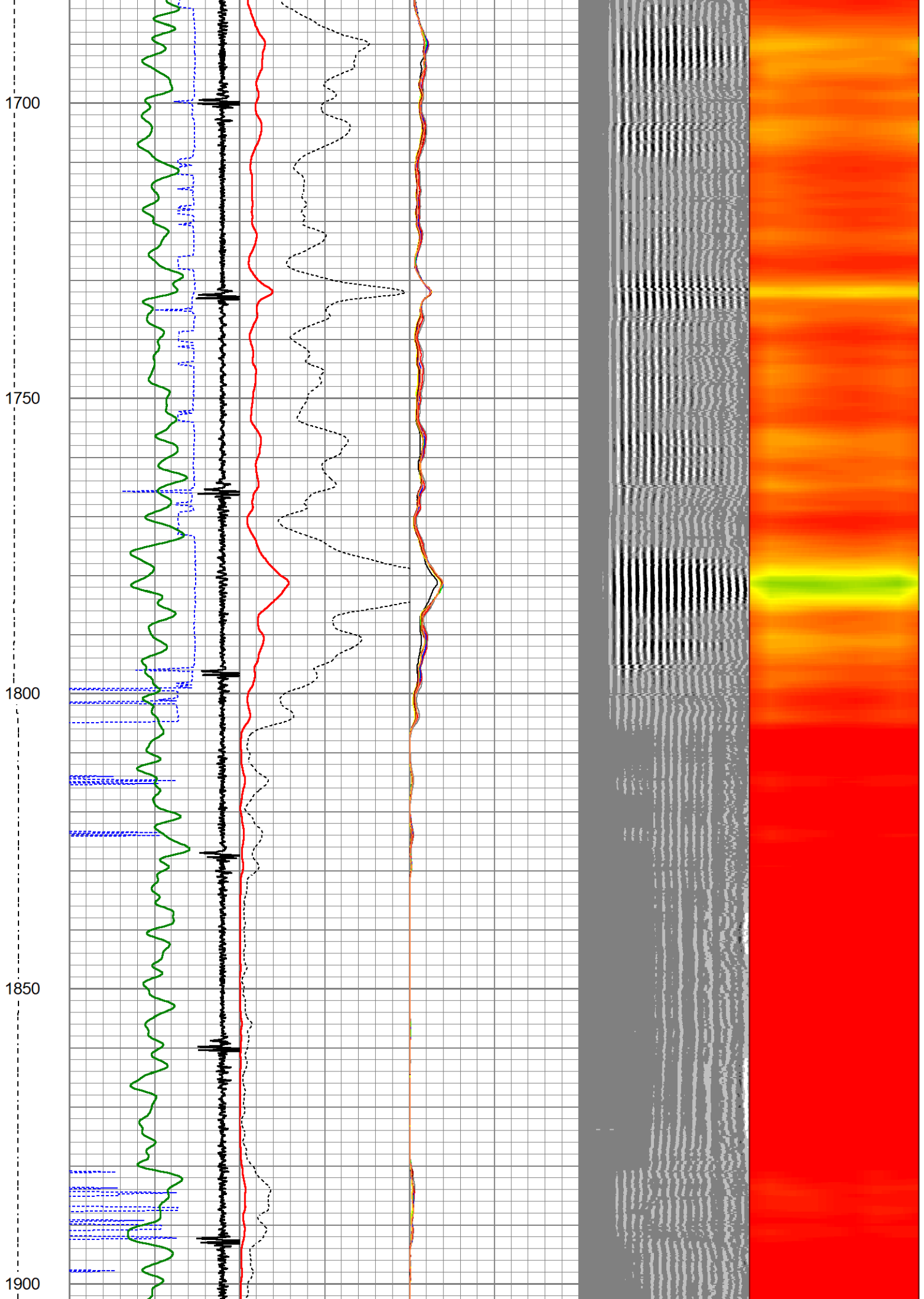
1200

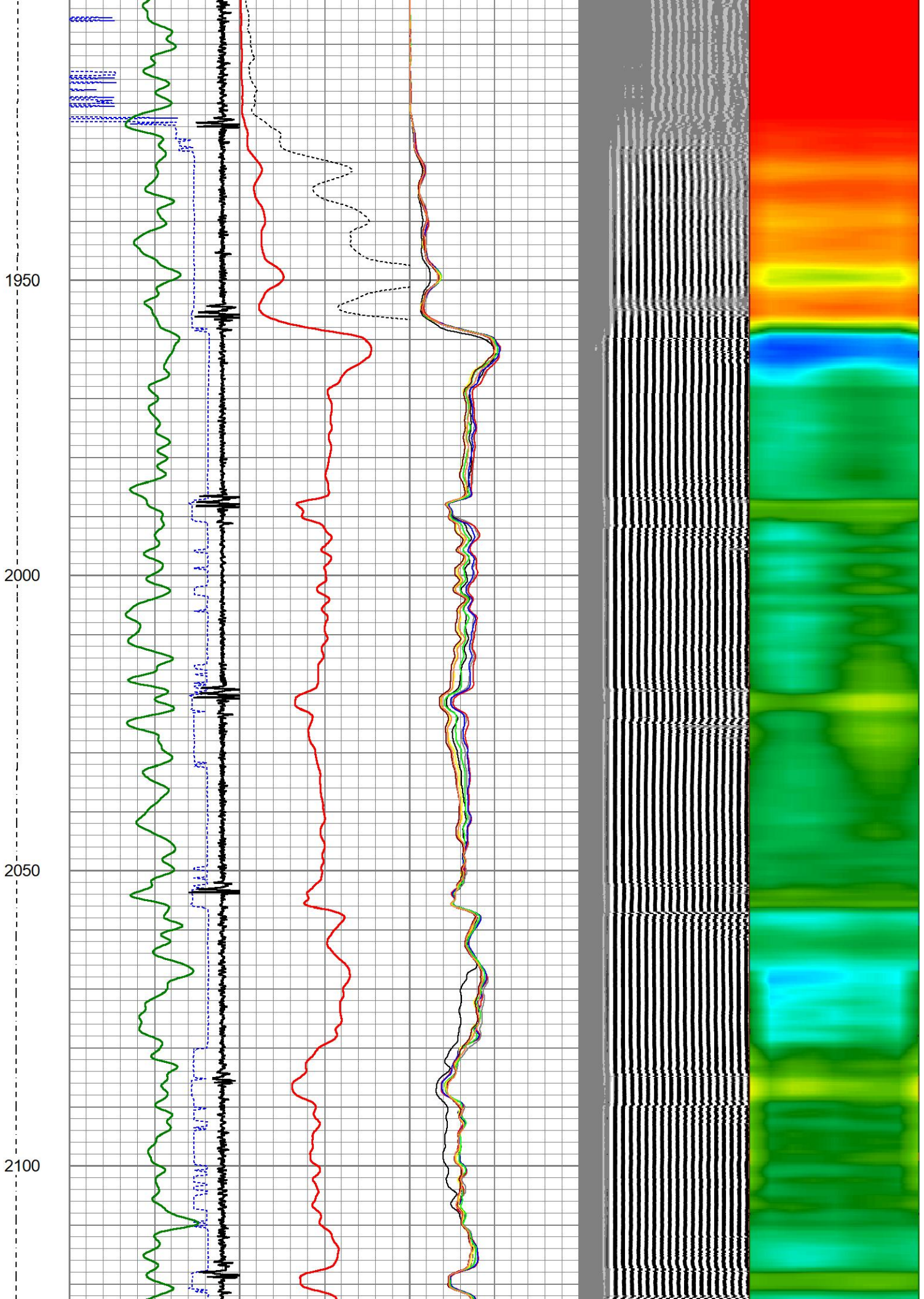


1250  
1300  
1350  
1400  
1450







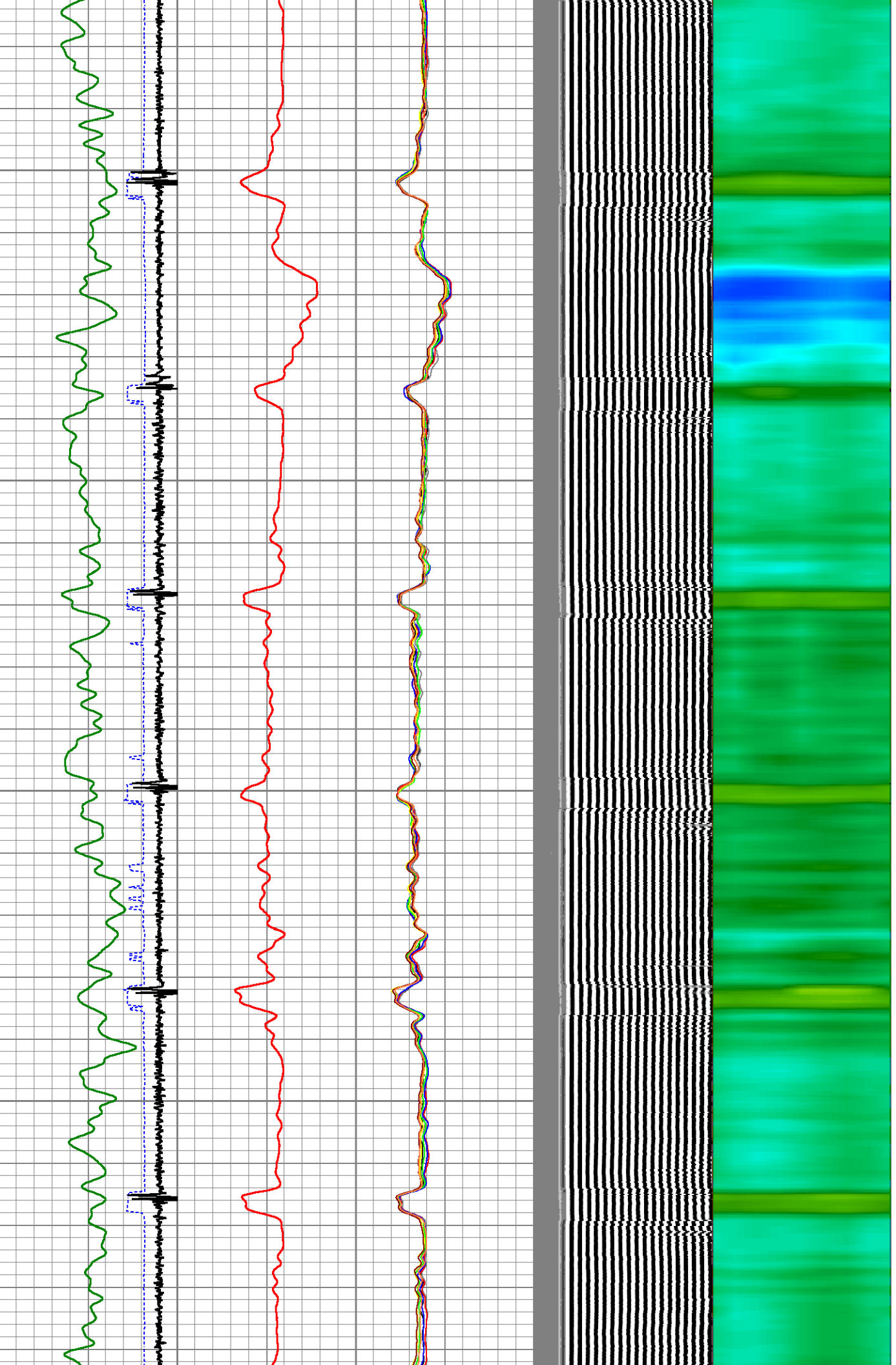


2150

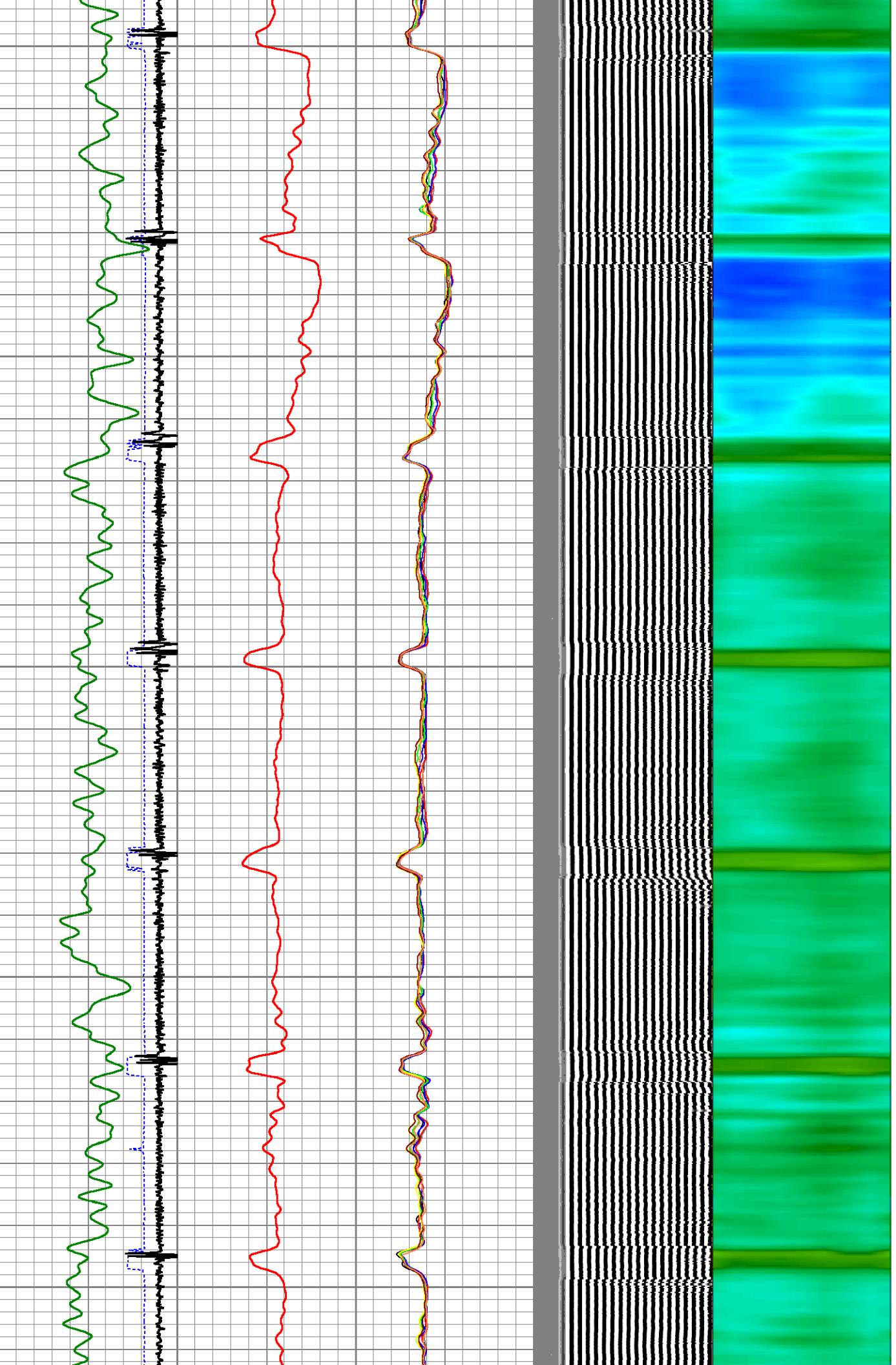
2200

2250

2300



2350  
2400  
2450  
2500  
2550

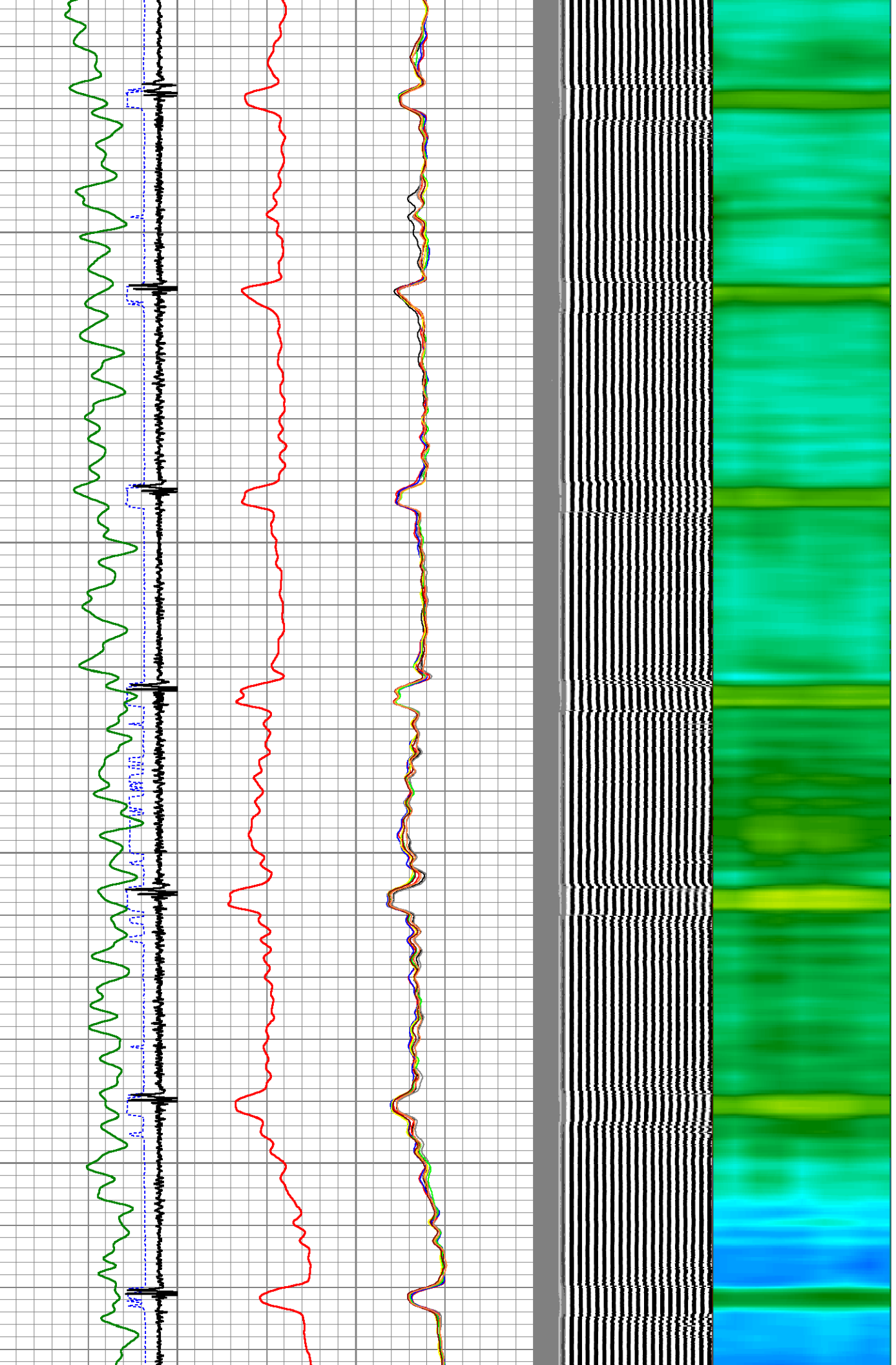


2600

2650

2700

2750



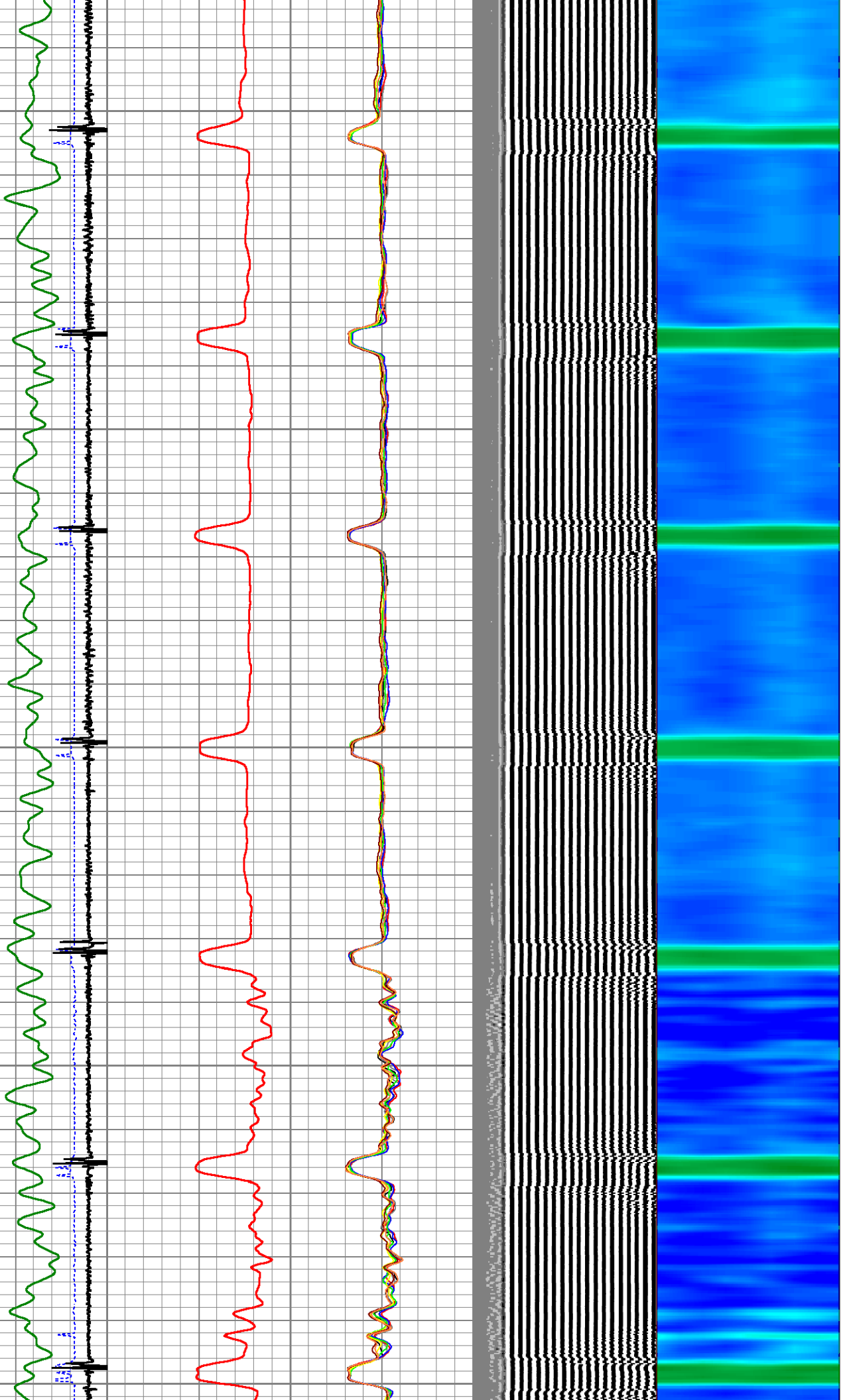
2800

2850

2900

2950

3000



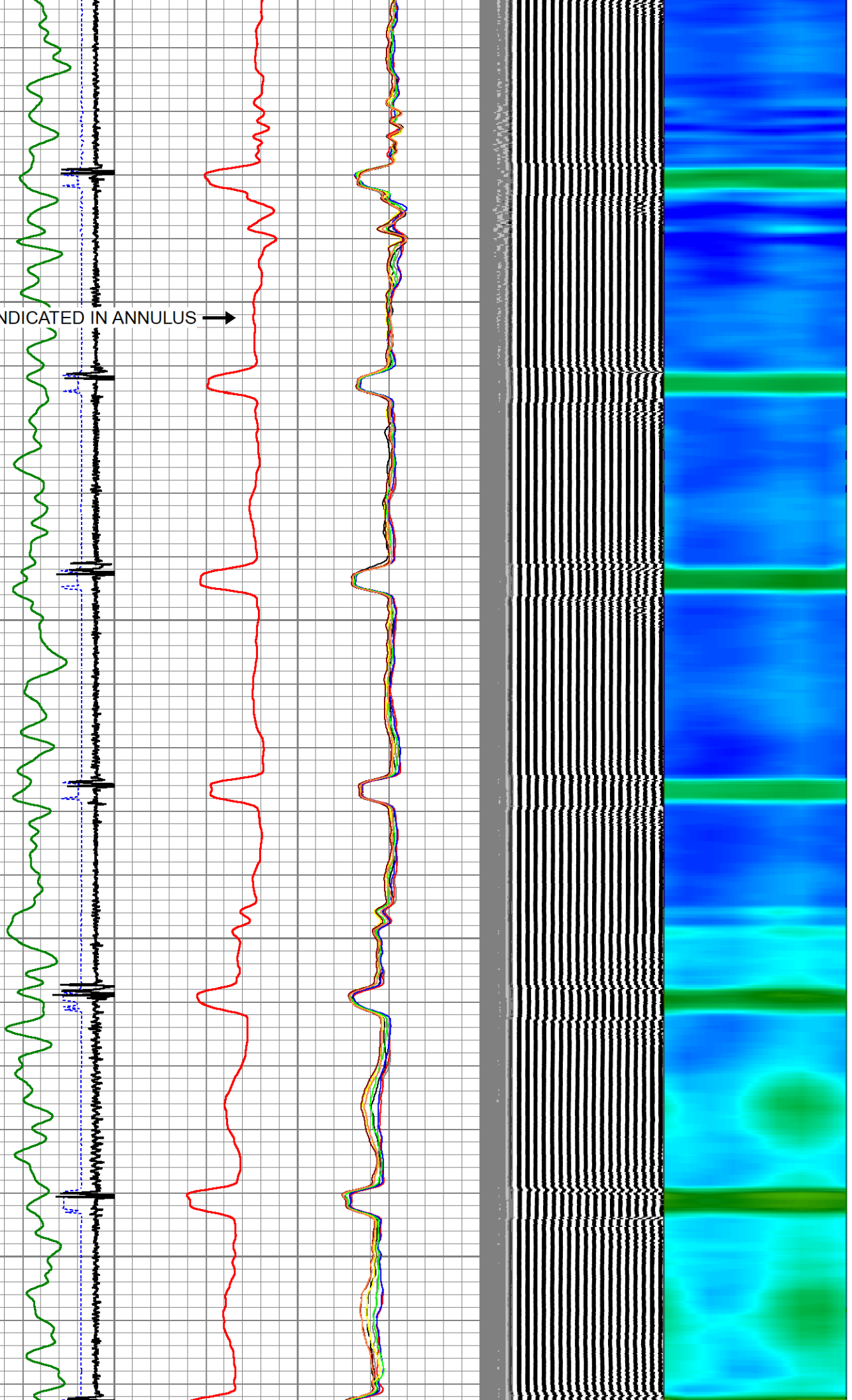
3050

3100

3150

3200

GAS INDICATED IN ANNULUS →

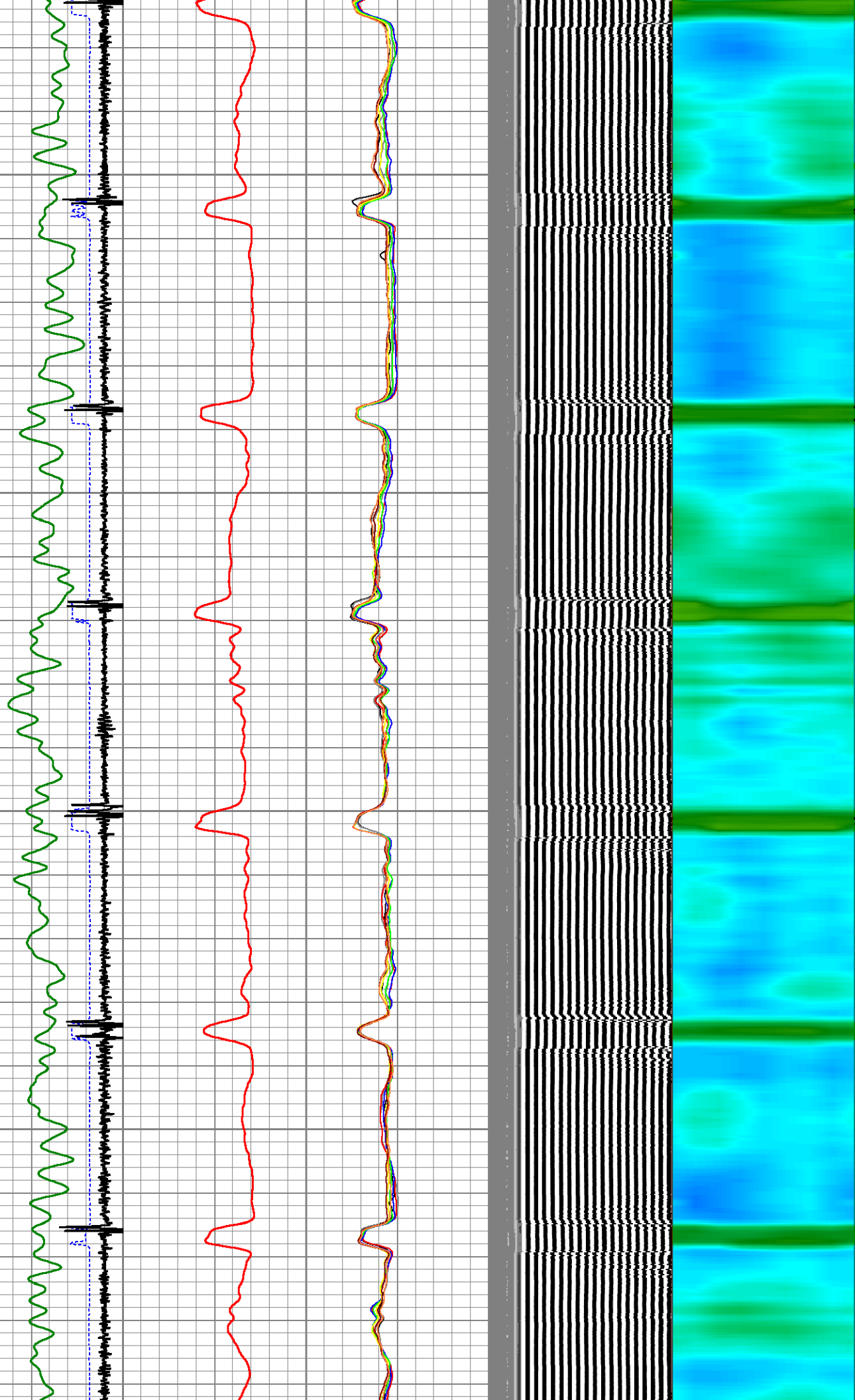


3250

3300

3350

3400



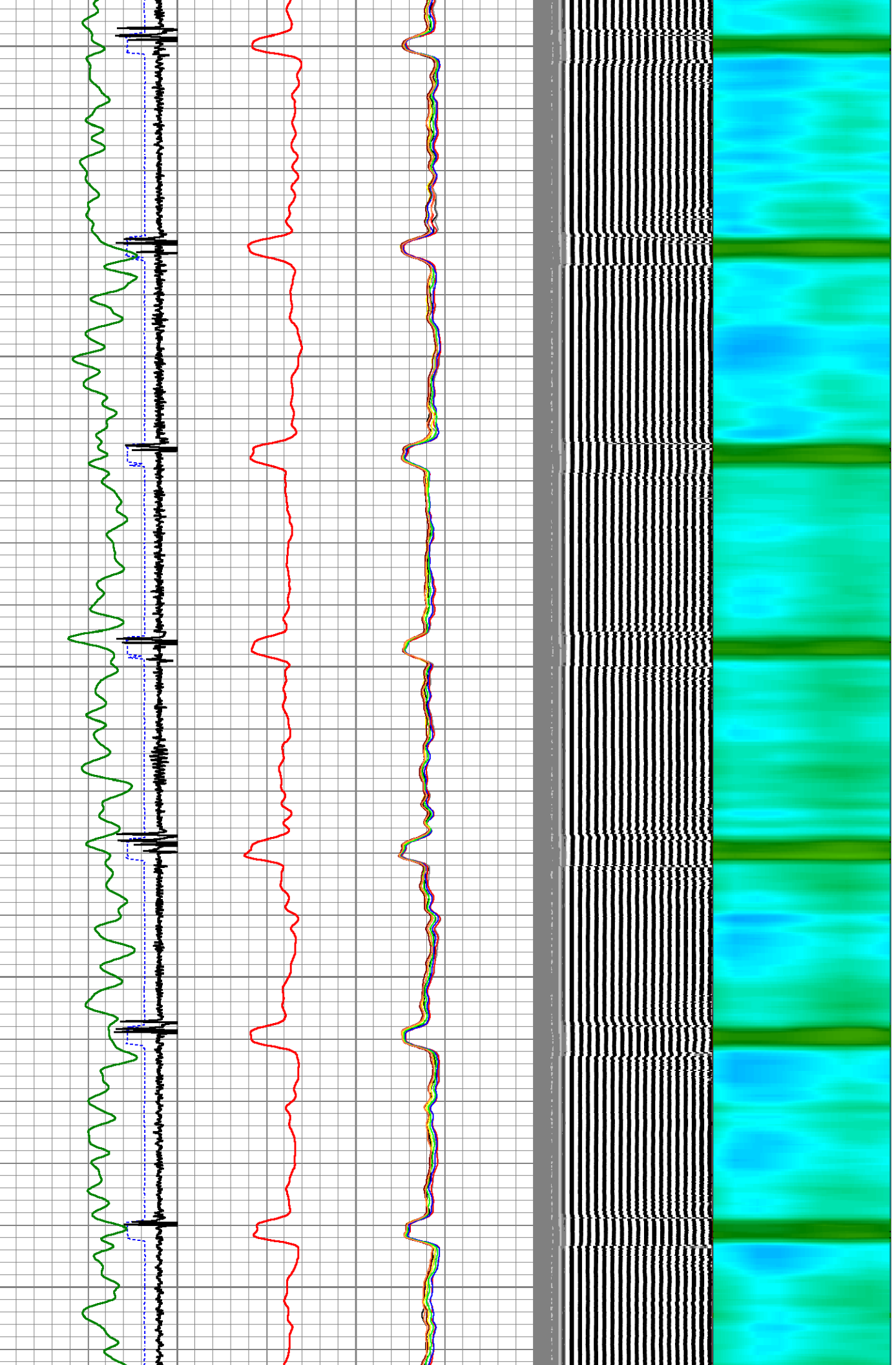
3450

3500

3550

3600

3650

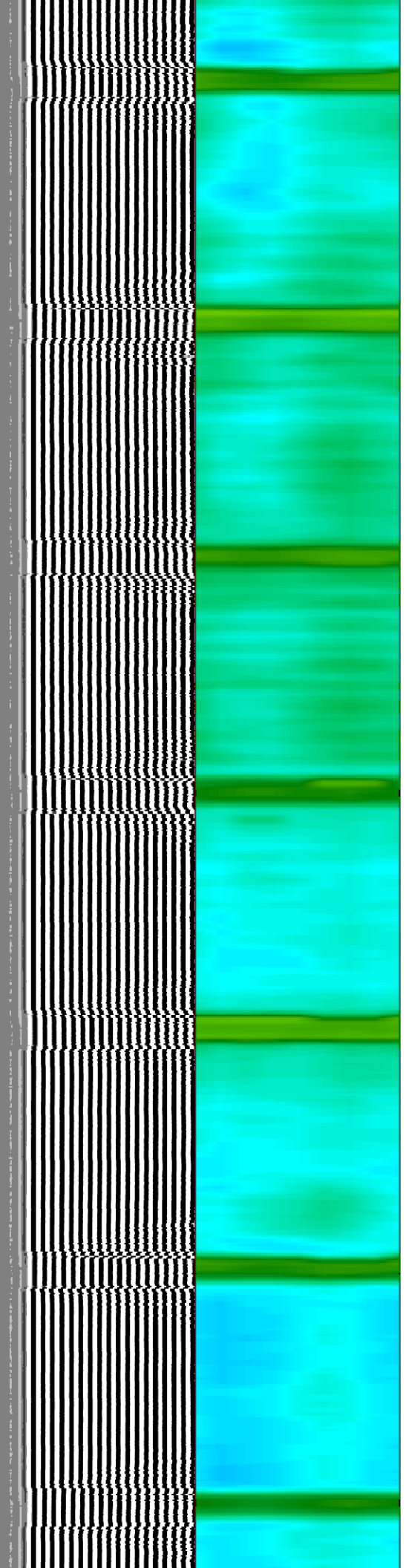
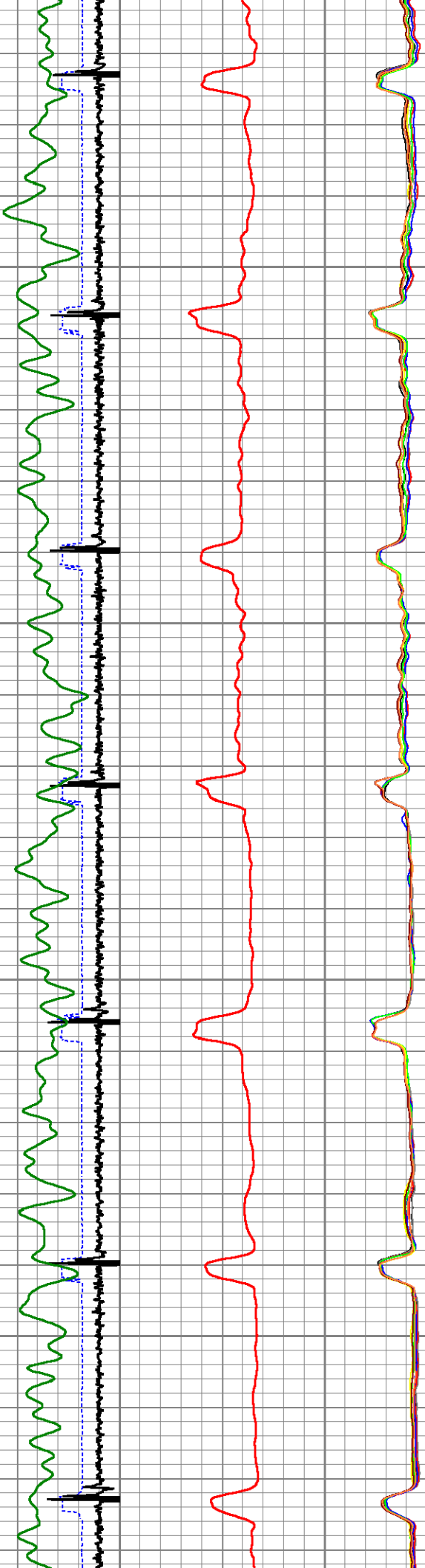


3700

3750

3800

3850



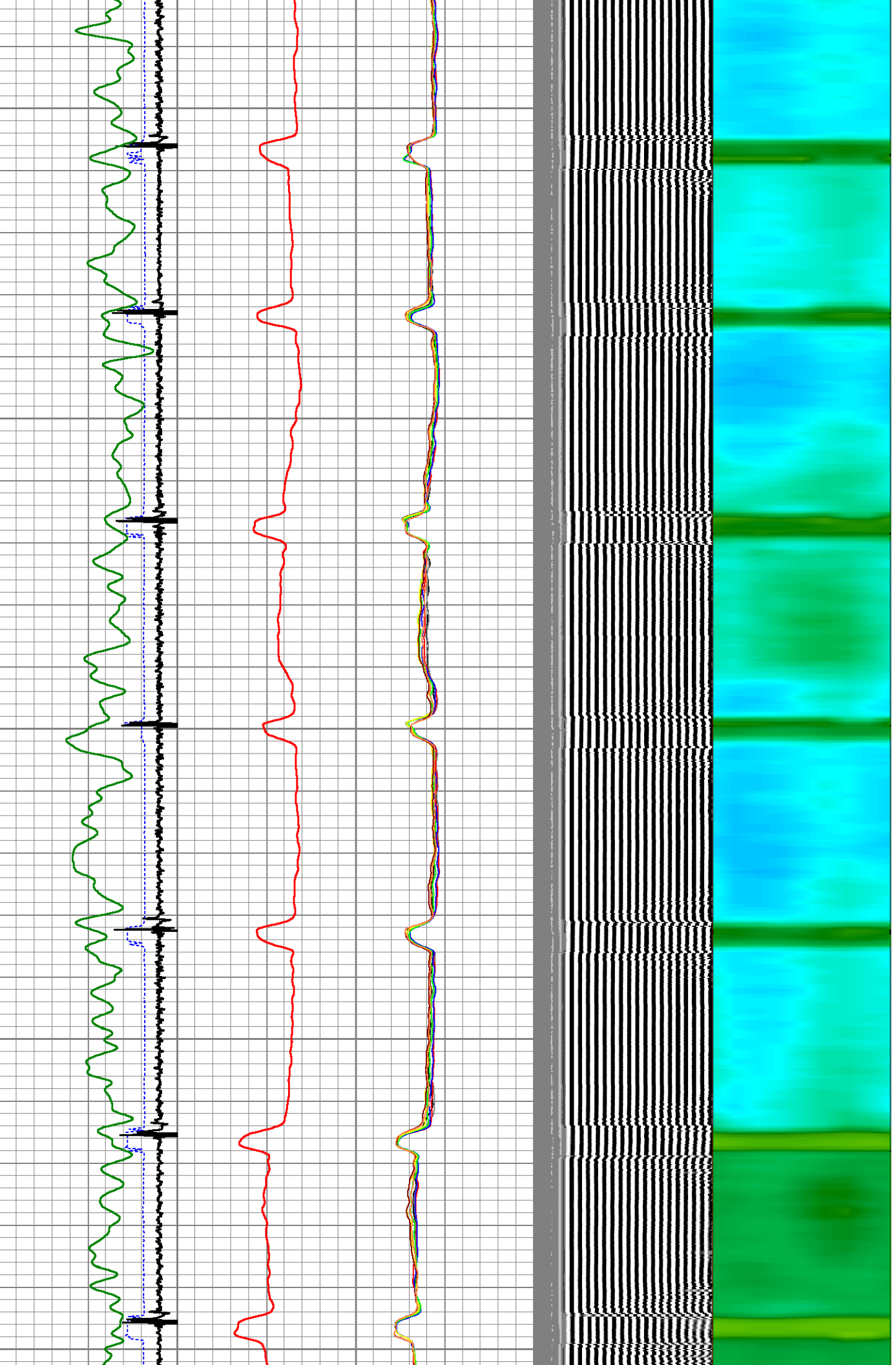
3900

3950

4000

4050

4100

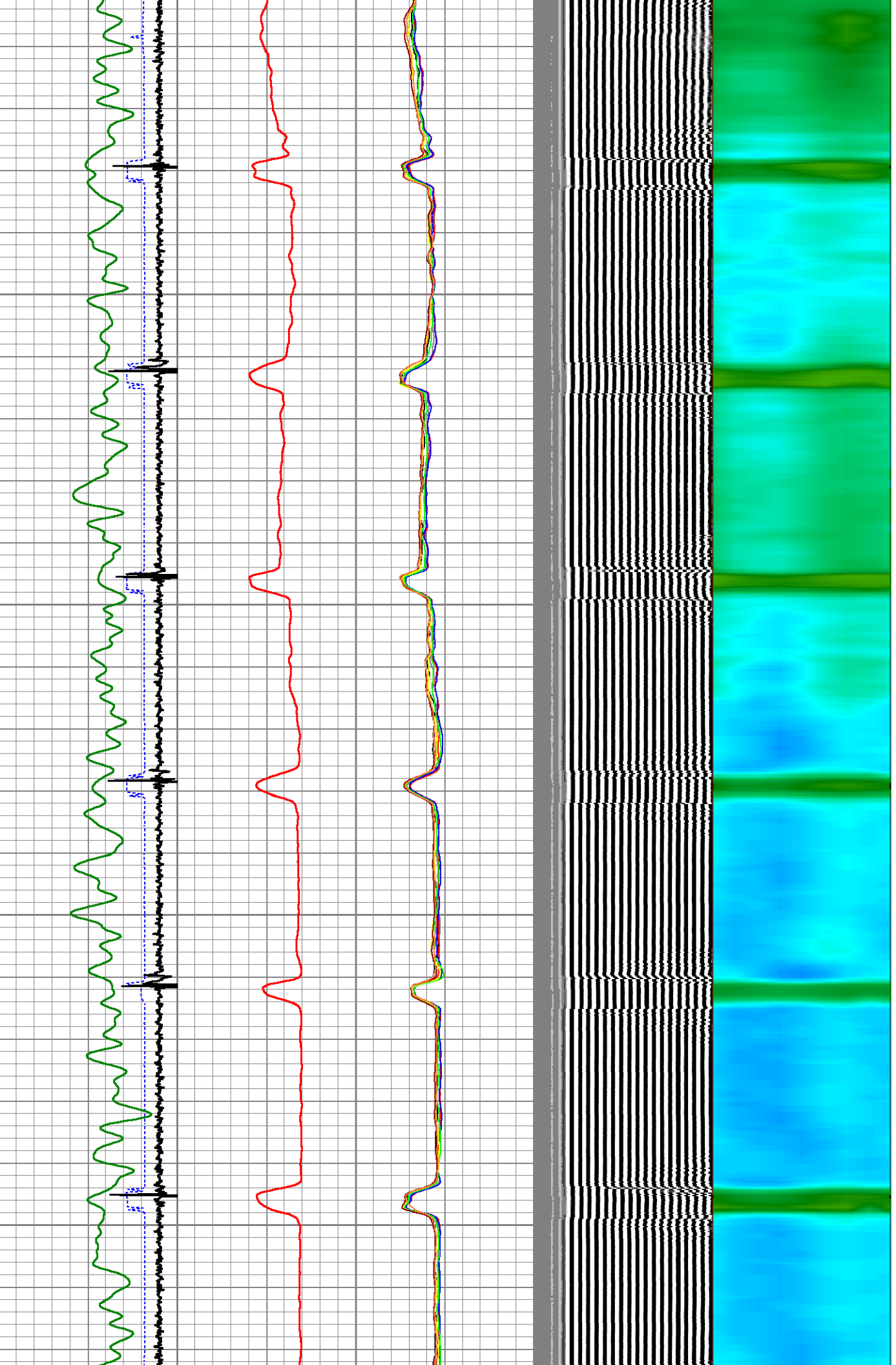


4150

4200

4250

4300

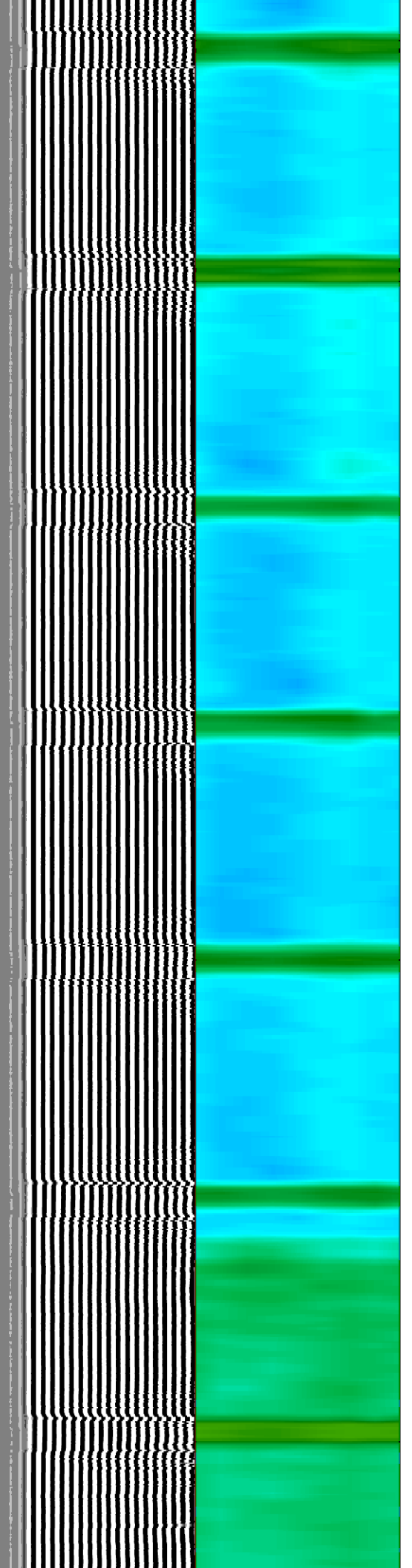
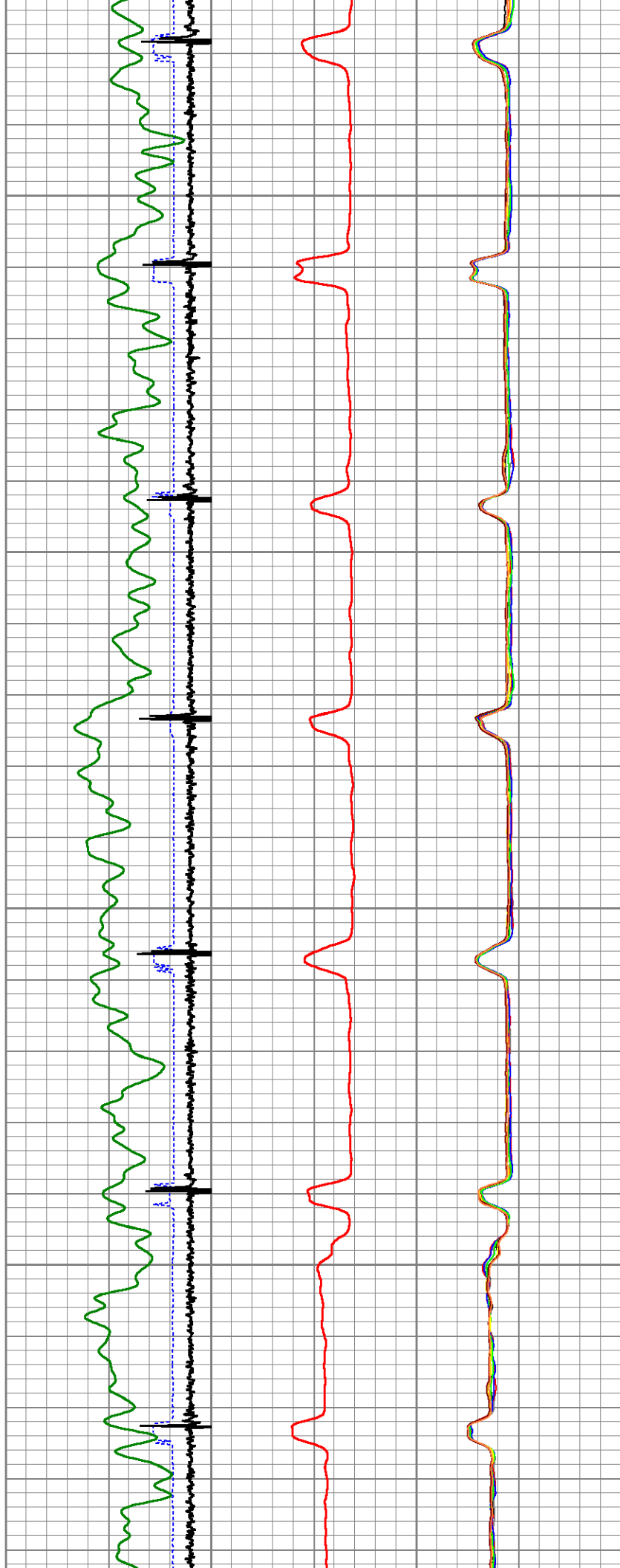


4350

4400

4450

4500



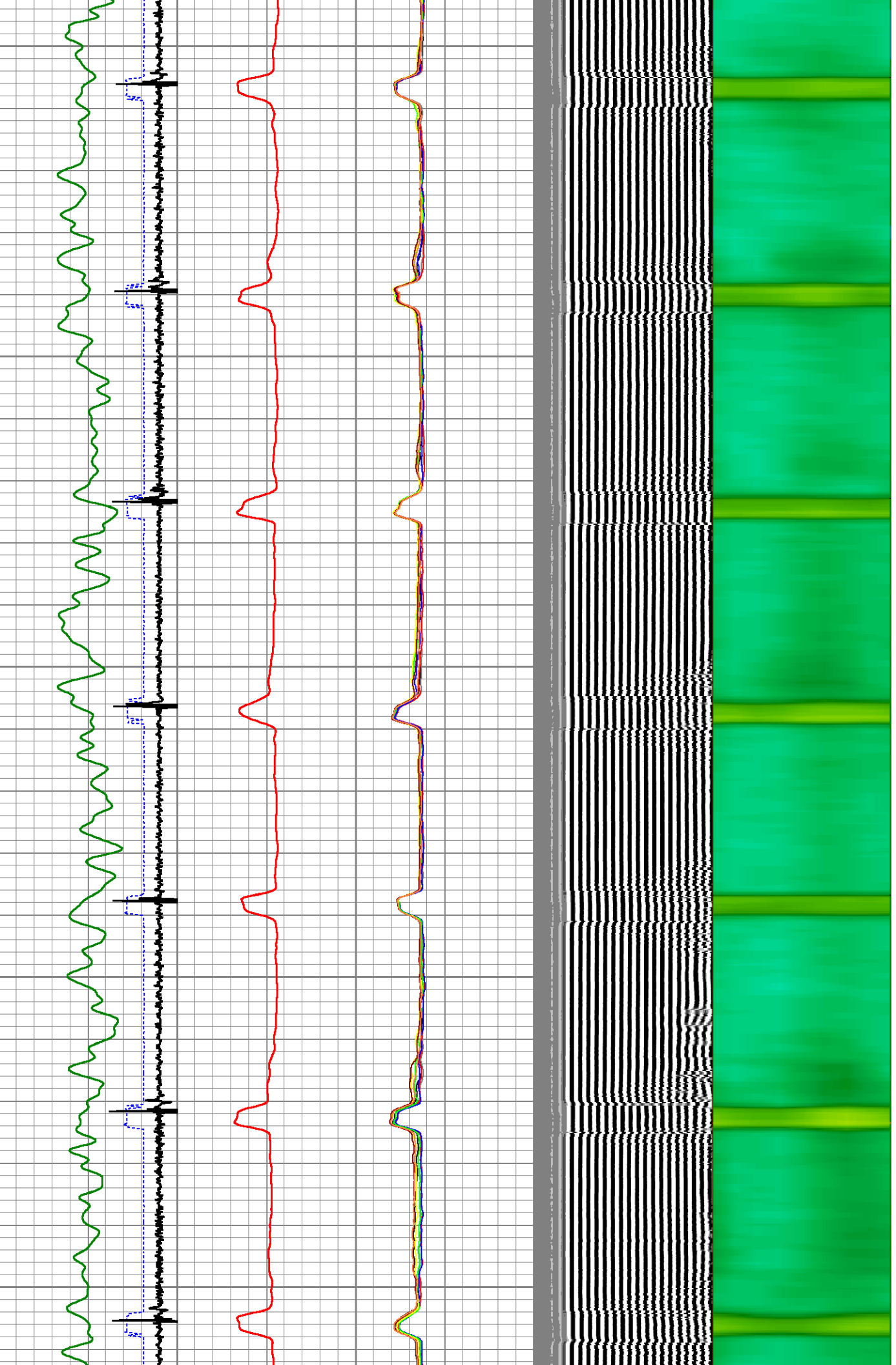
4550

4600

4650

4700

4750

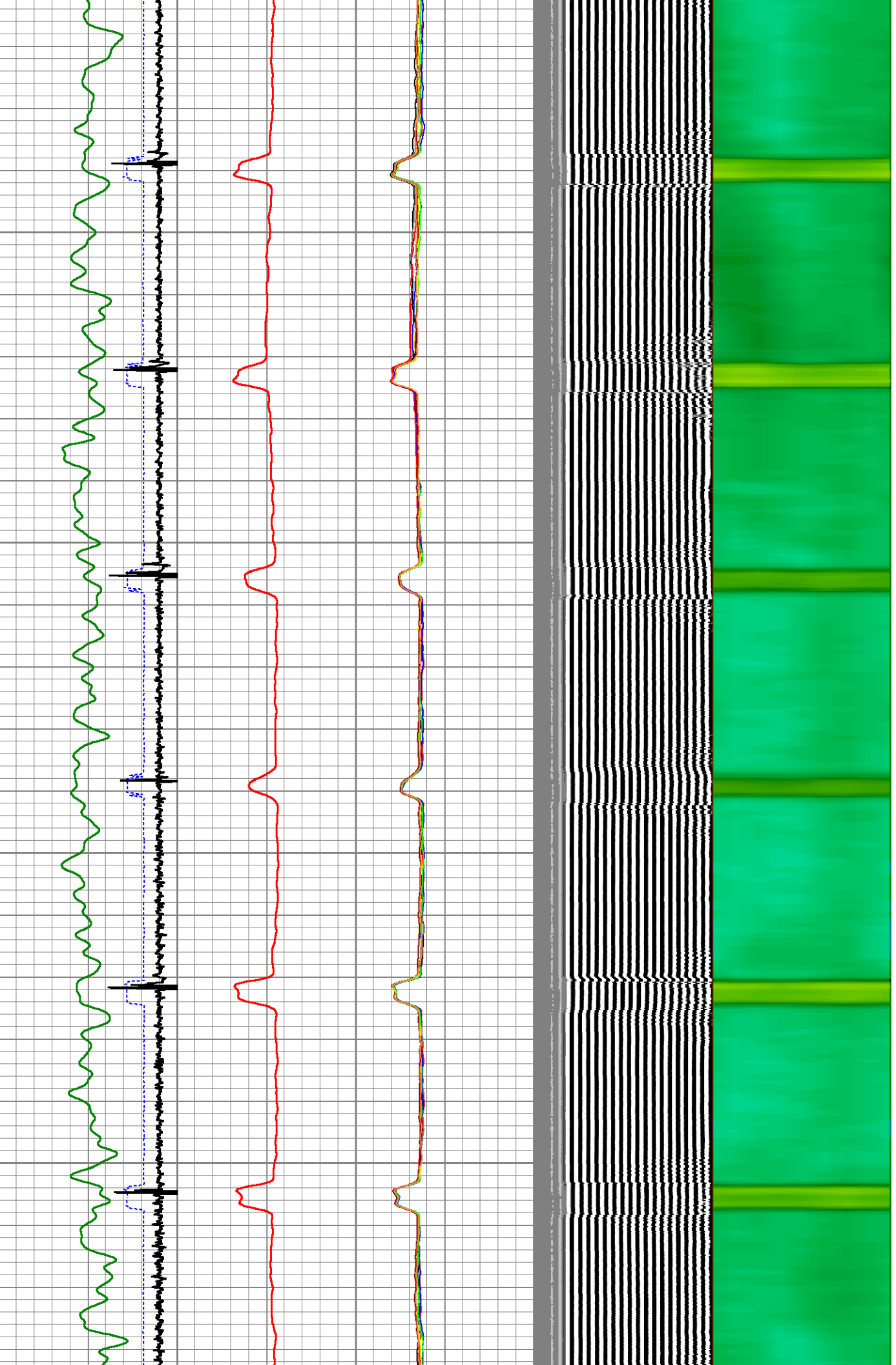


4800

4850

4900

4950



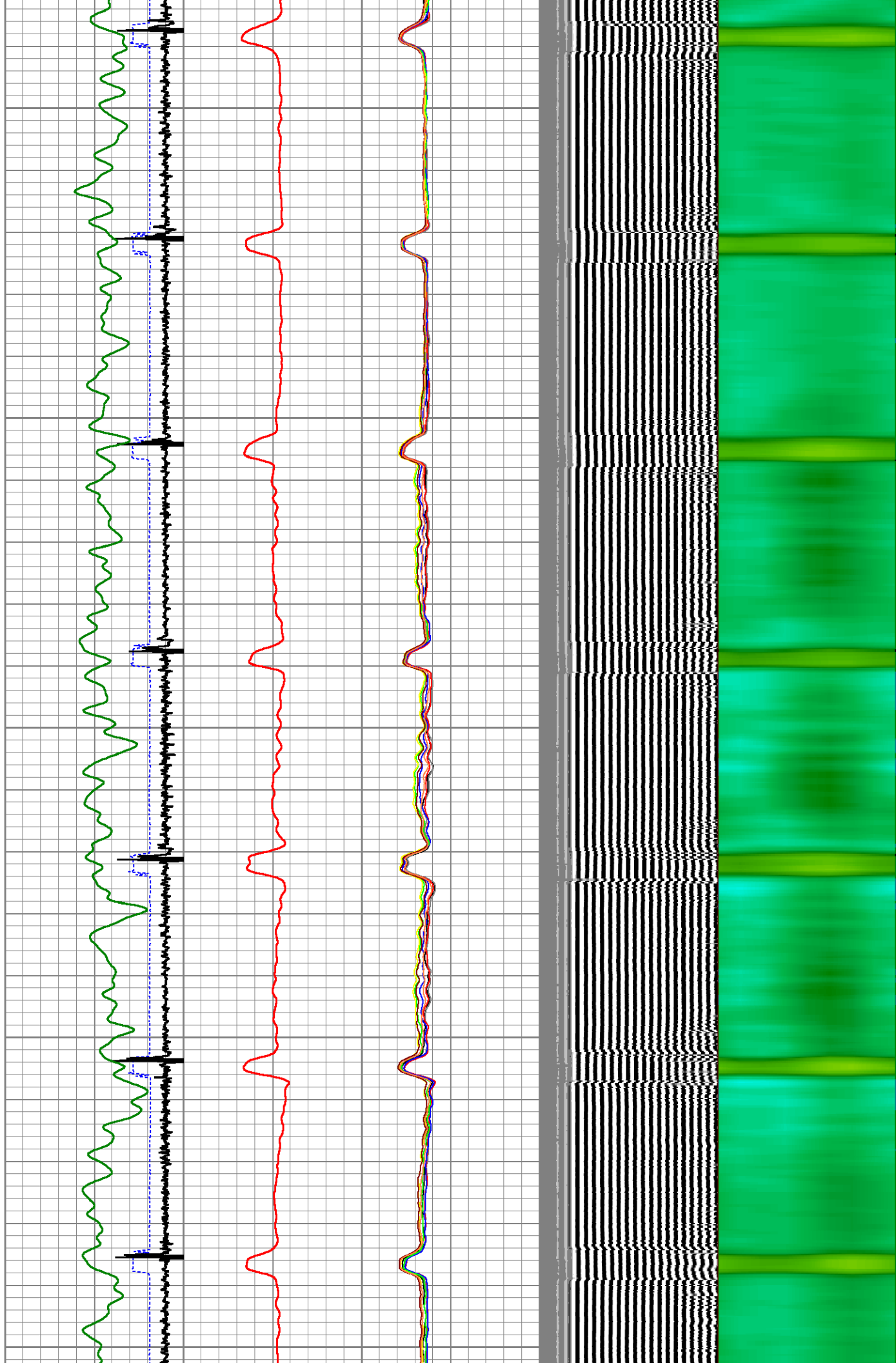
5000

5050

5100

5150

5200

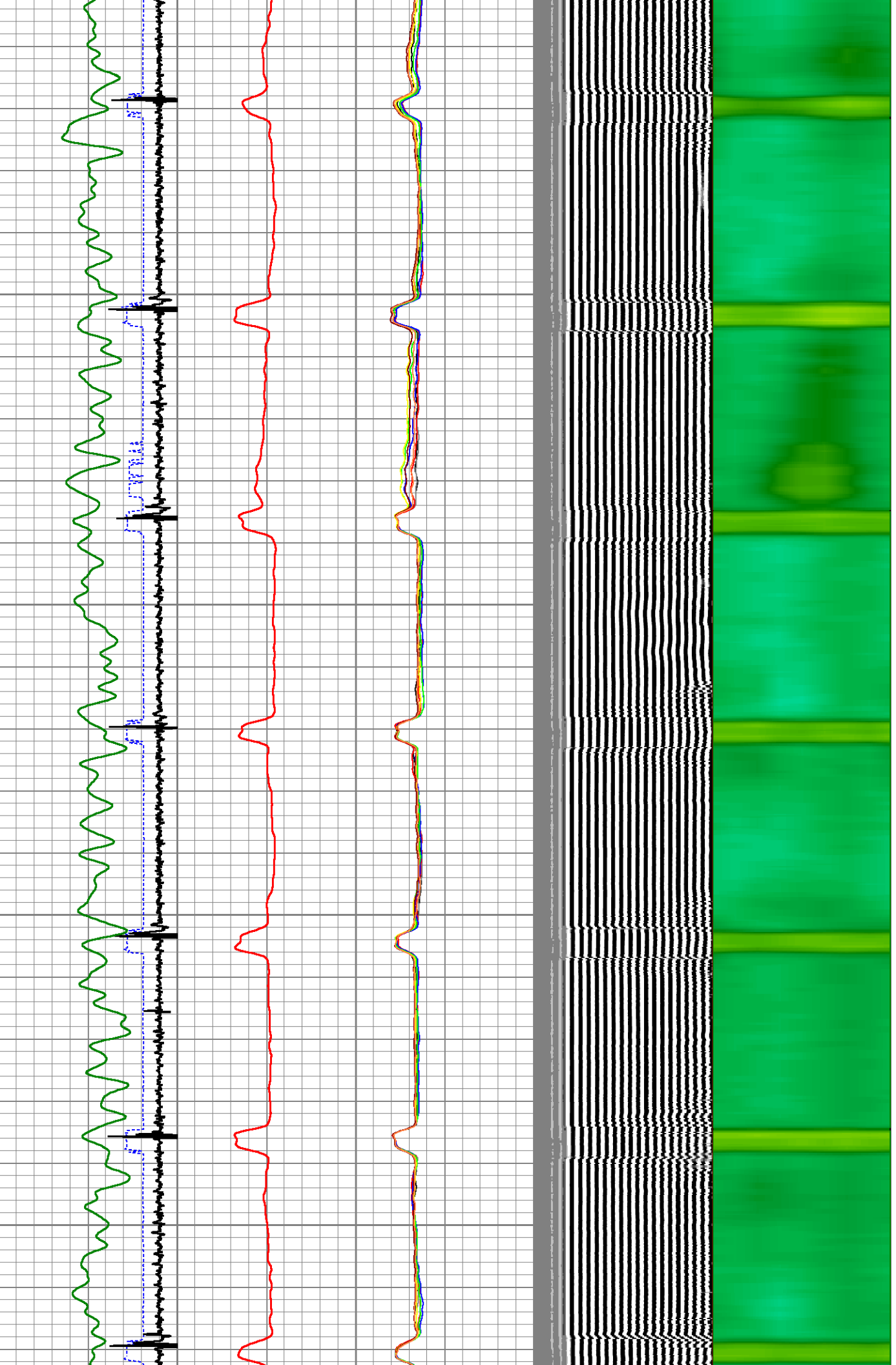


5250

5300

5350

5400

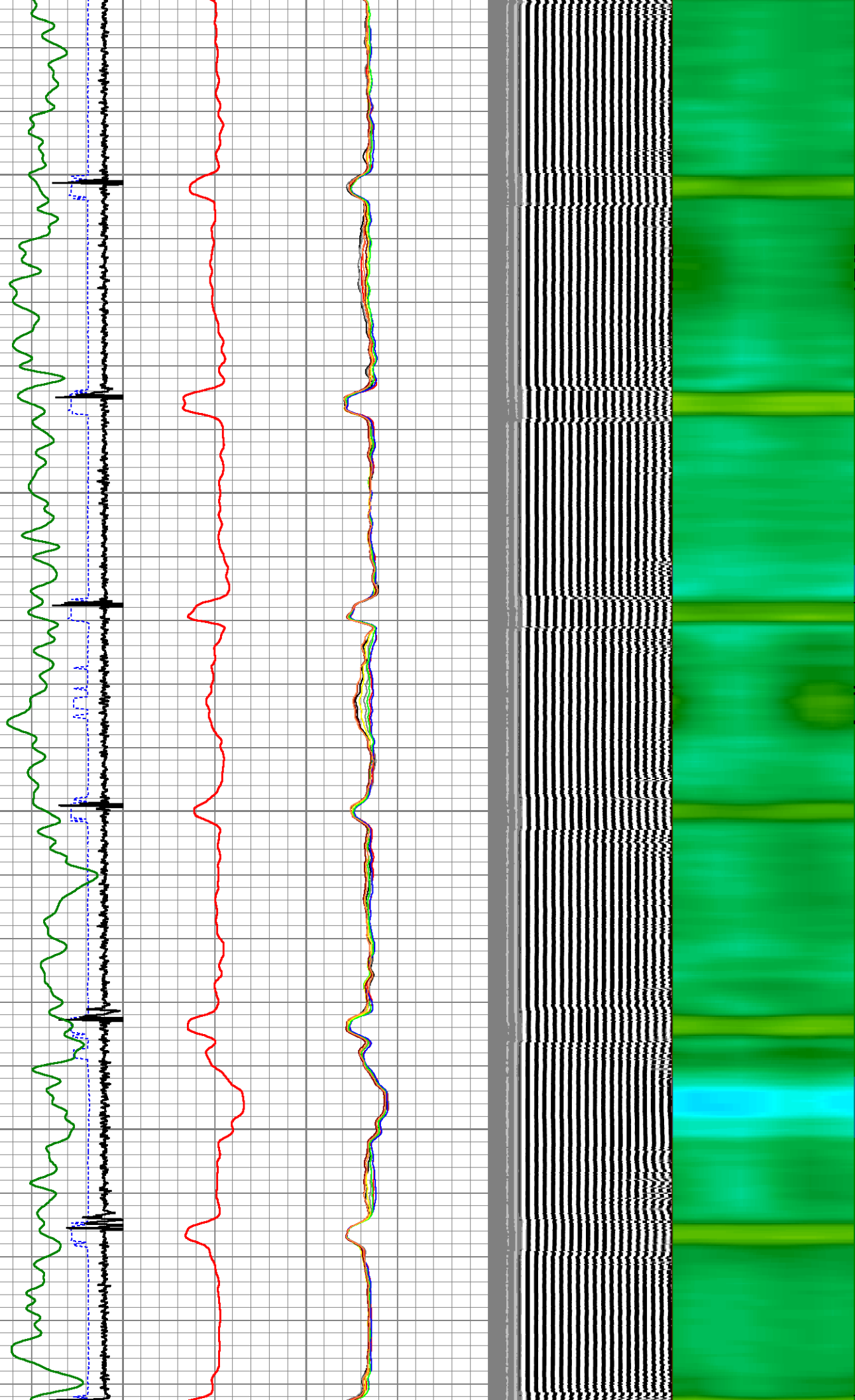


5450

5500

5550

5600



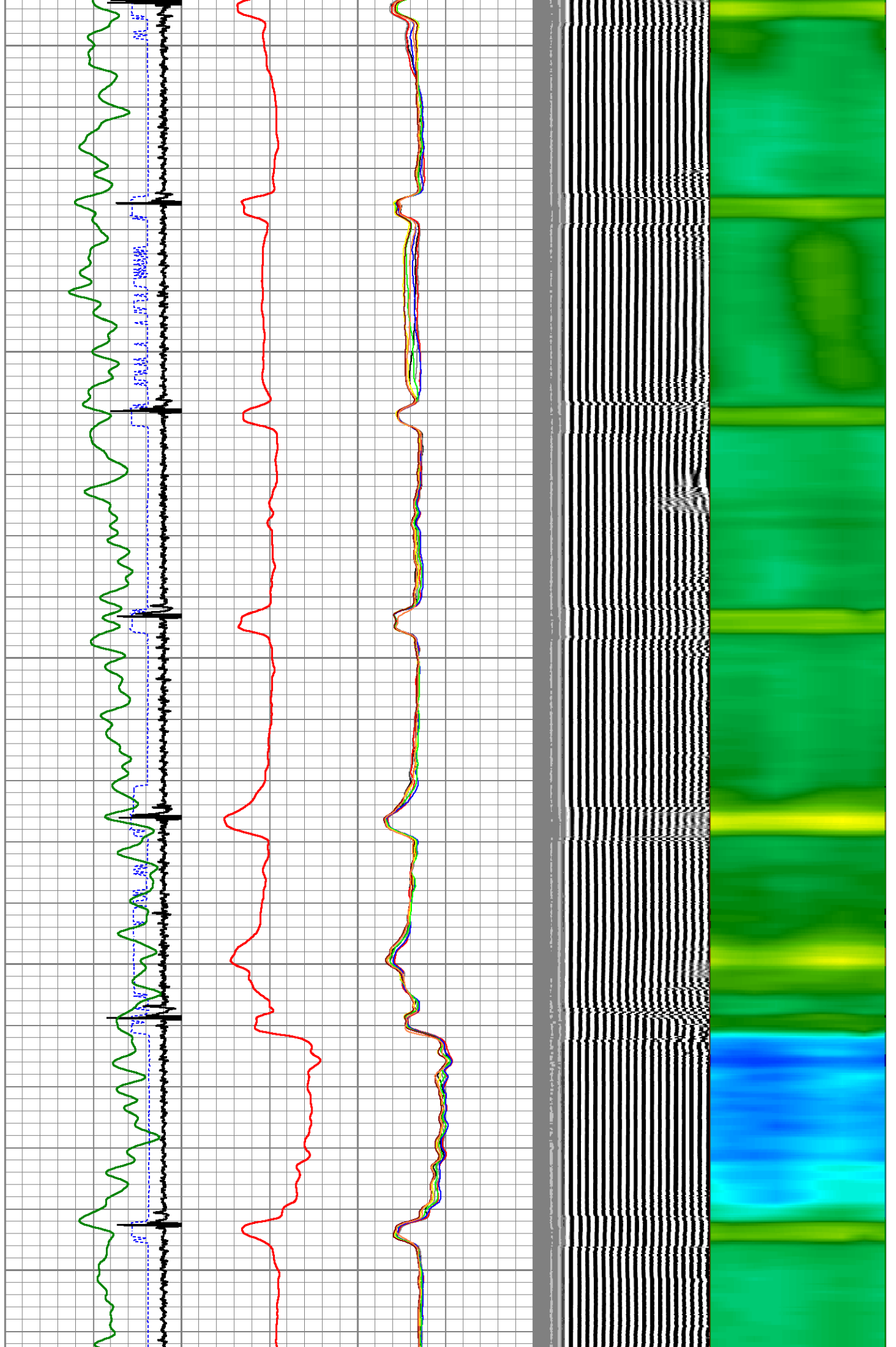
5650

5700

5750

5800

5850

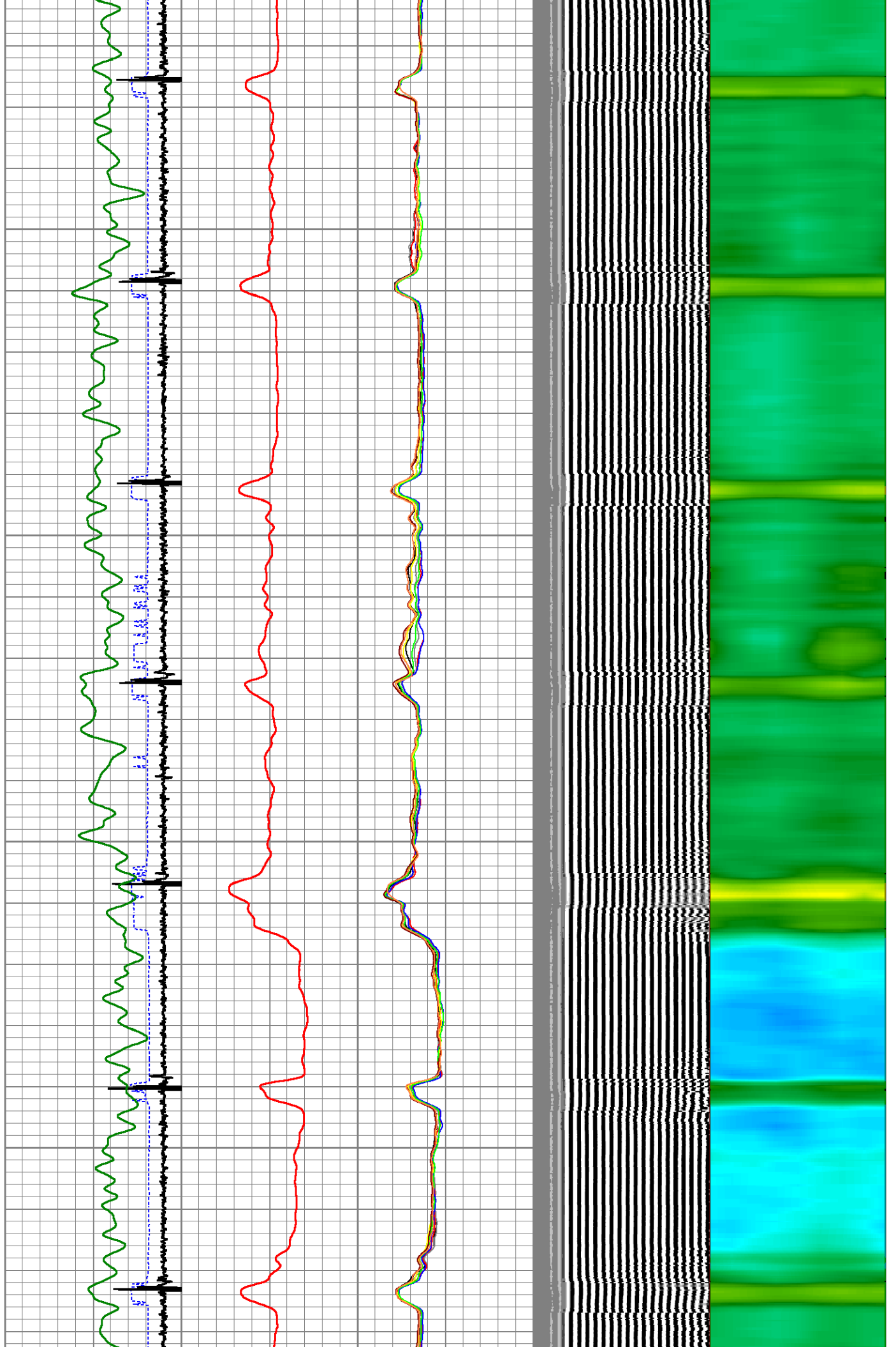


5900

5950

6000

6050



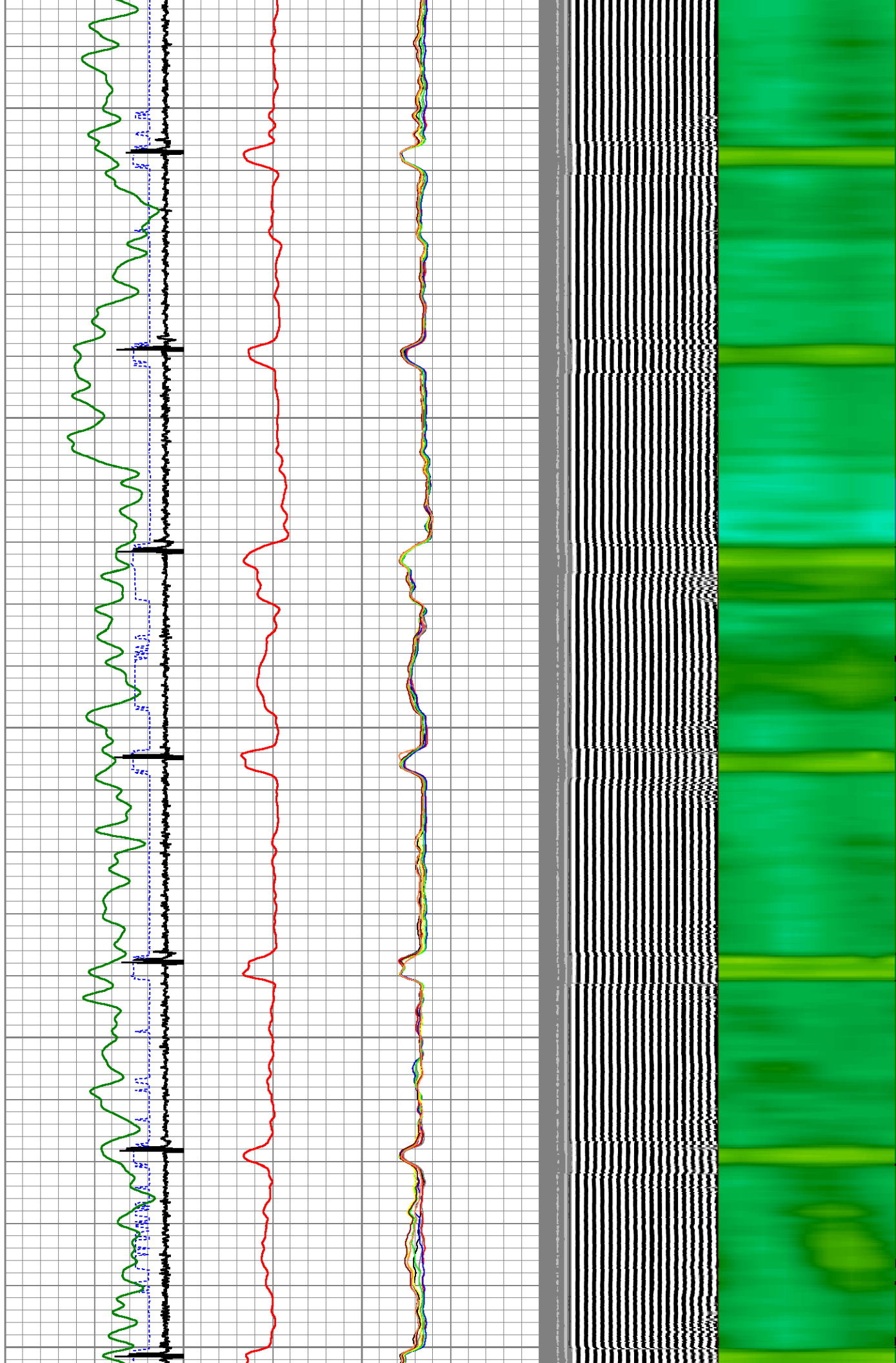
6100

6150

6200

6250

6300

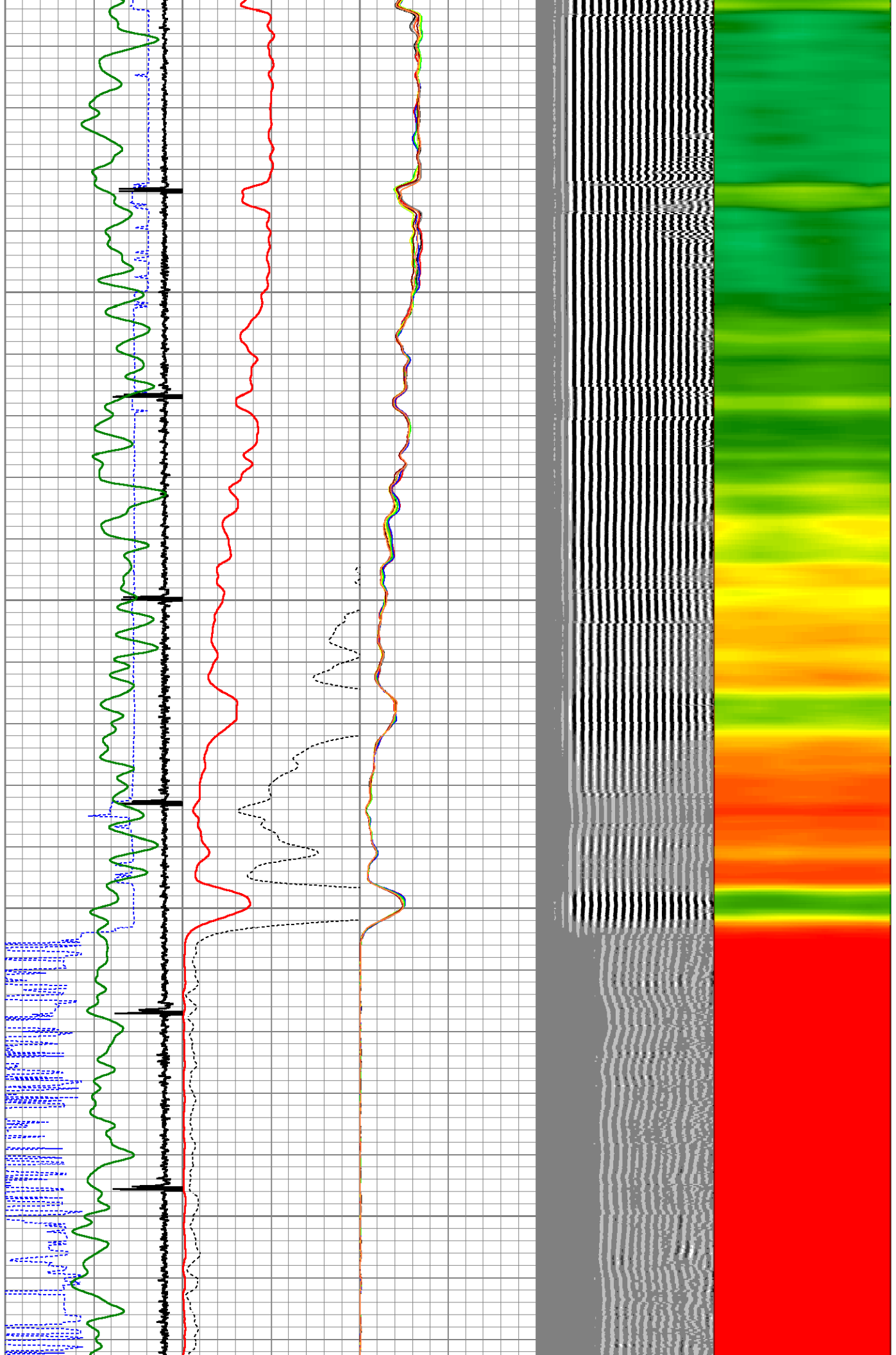


6350

6400

6450

6500

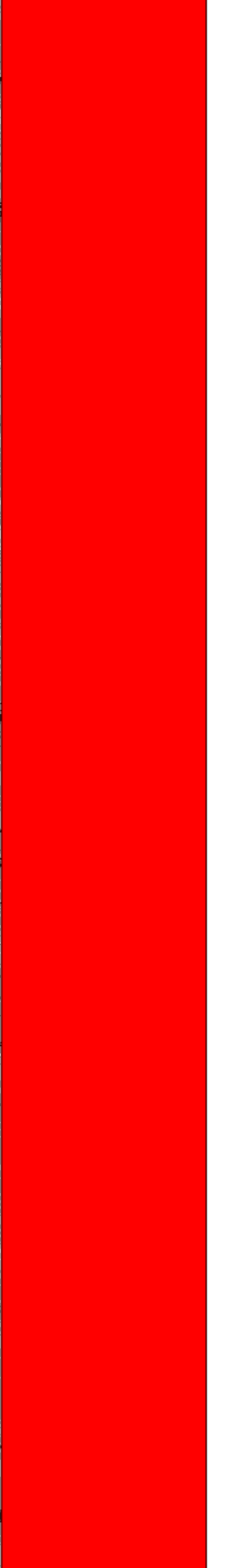
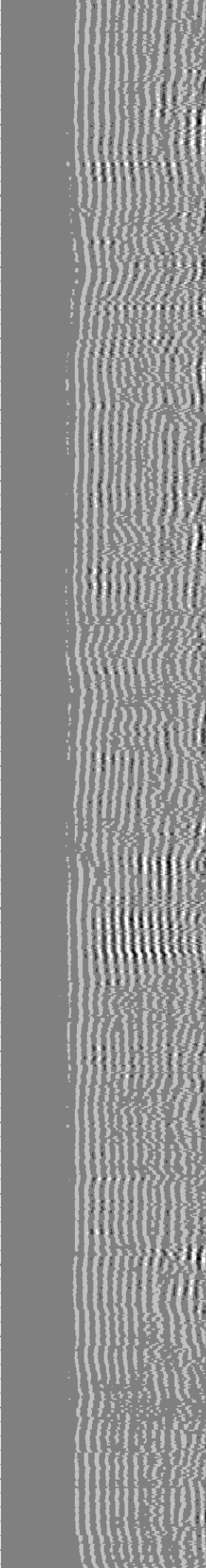
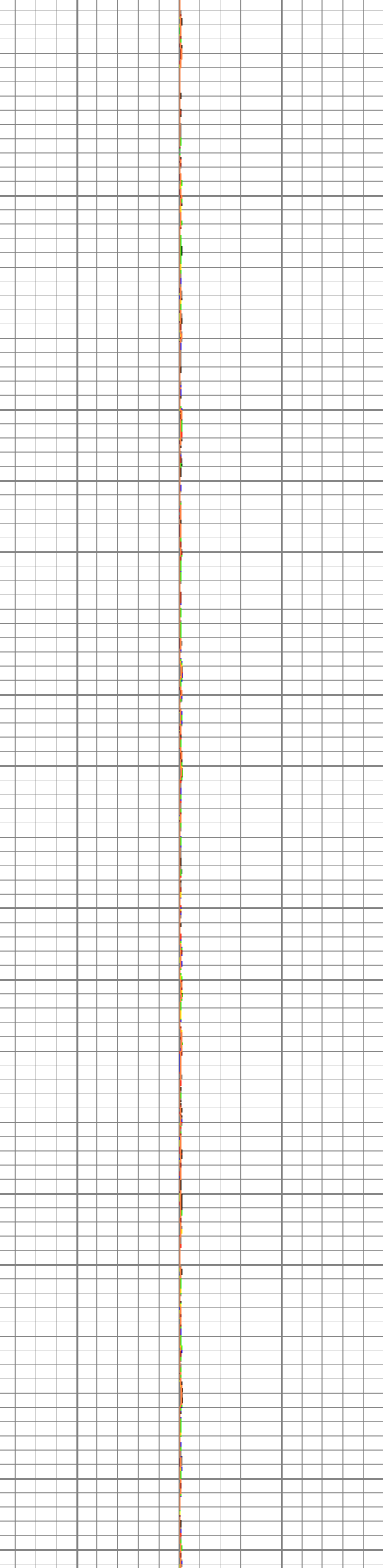
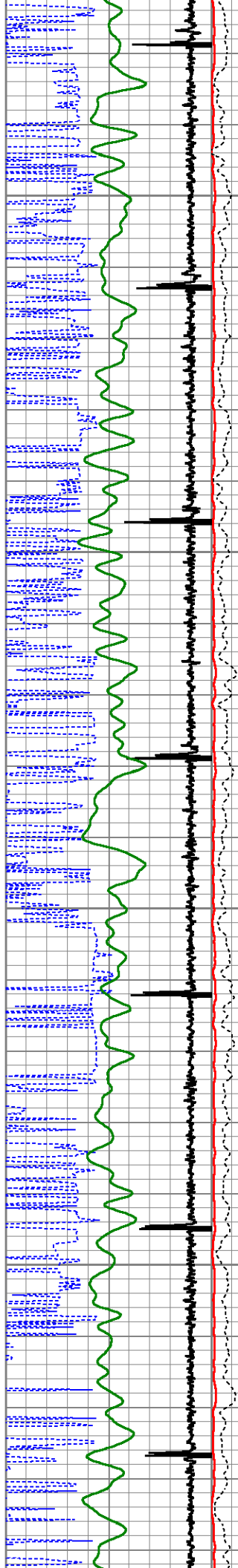


6550

6600

6650

6700



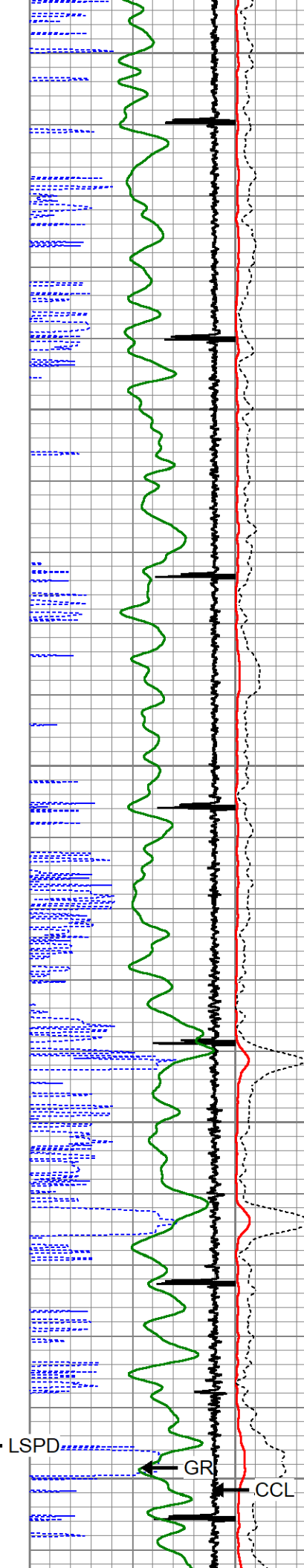
6750

6800

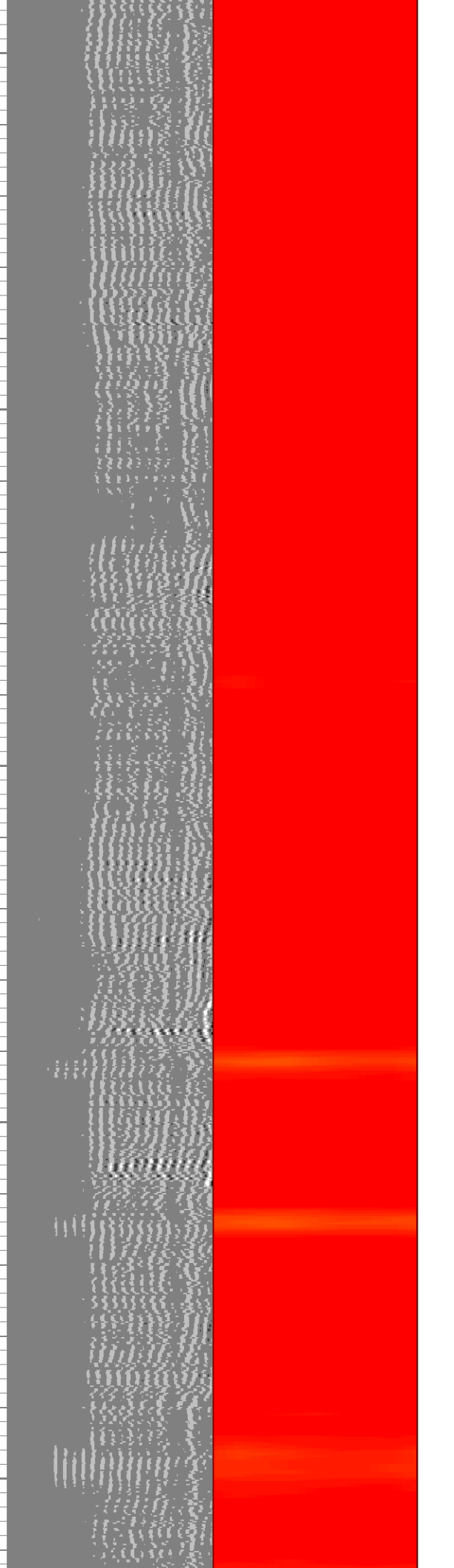
6850

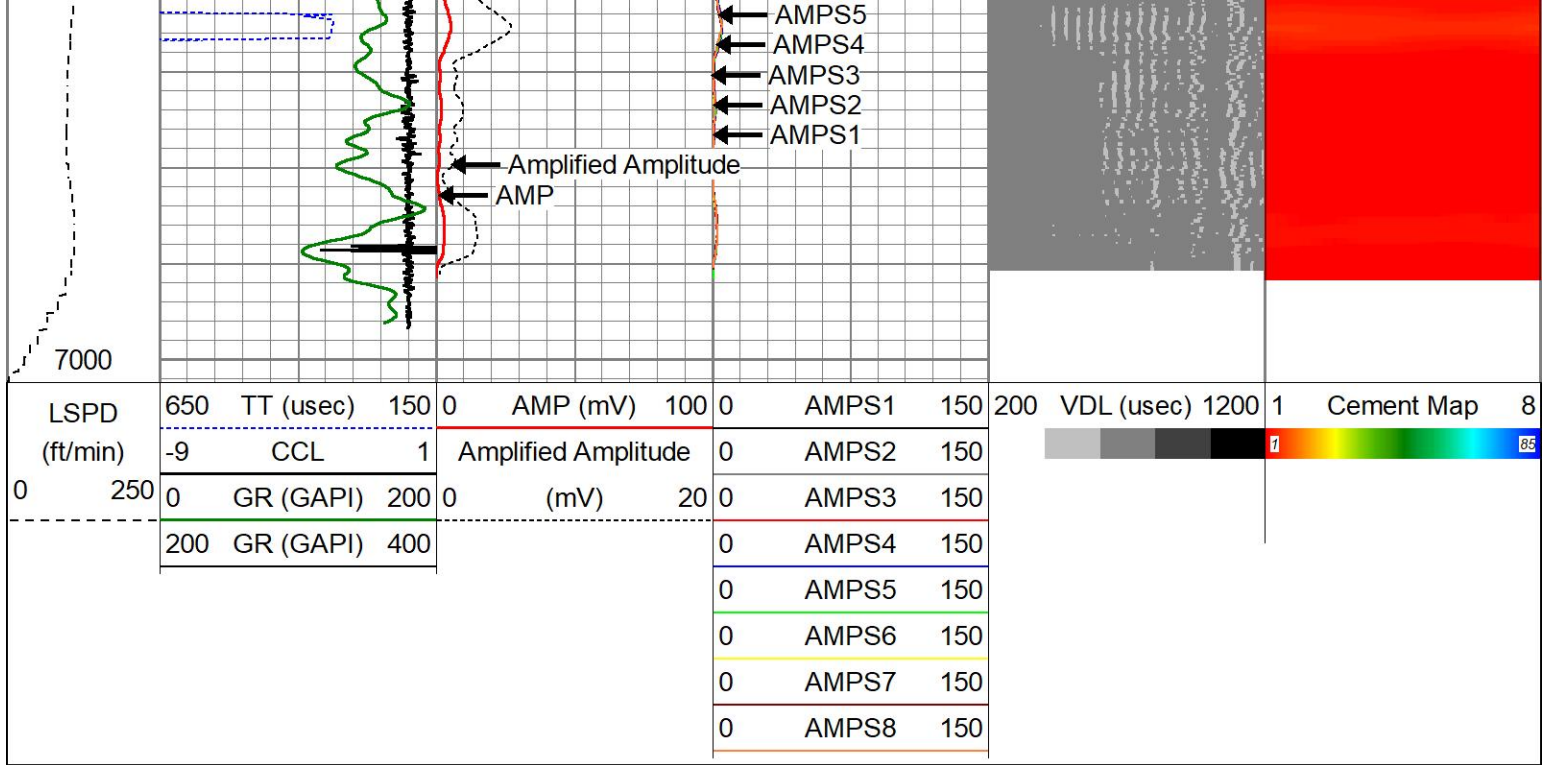
6900

6950



← AMPS8  
 ← AMPS7  
 ← AMPS6





Calibration Report		
Database File	devore 01 rbl civi.db	
Dataset Pathname	pass11	
Dataset Creation	Wed Mar 05 13:37:44 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:	1976.775	ft

Master Calibration, performed Wed Mar 5 13:20:03 2025:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	1.014	0.800	81.196	79.893	0.205
CAL	1.850	1.244				
5'	0.007	0.801	0.800	81.196	101.291	0.073
SUM						
S1	0.002	0.936	0.000	81.196	86.947	-0.176
S2	0.005	0.958	0.000	81.196	85.170	-0.389
S3	0.007	0.998	0.000	81.196	81.921	-0.590
S4	0.007	1.052	0.000	81.196	77.743	-0.582
S5	0.007	1.000	0.000	81.196	74.251	-0.488

S5	0.007	1.099	0.000	81.196	74.351	-0.488
S6	0.009	1.136	0.000	81.196	72.070	-0.671
S7	0.008	1.080	0.000	81.196	75.695	-0.590
S8	0.007	0.956	0.000	81.196	85.595	-0.624

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.850	1.244	1.000	0.000

Air Zero Calibration, performed Wed Mar 5 13:00:07 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 RESOURCES	
Well	DEVORE 01	
Field	WATTENBERG	
County	WELD	
State	COLORADO	Country U.S.A.