



**Sector Bond
Gamma Ray
Collar Correlation Log**

Company **CIVITAS**
Well **KUNER 6-4-25**
Field **Wattenberg**
County **Weld** State **Colorado**

Location: SHL: 1258' FNL & 258' FEL
BHL: 2560' & FNL 1300' FEL
SEC 25 TWP 5N RGE 64W
API #: 05-123-30809-0000
Other Services
Permanent Datum **Ground Level** Elevation **4586**
Log Measured From **Kelly Bushing**
Drilling Measured From **Kelly Bushing**
Elevation
K.B. 4598
D.F. 4597
G.L. 4586

Date	05 April 2022						
Run Number	One						
Depth Driller	7536						
Depth Logger	6001						
Bottom Logged Interval	6000						
Top Log Interval	Surface						
Casing Size	4 1/2						
Type Fluid	Water						
Max. Recorded Temp.	Not Recorded						
Estimated Cement Top	---						
Time Well Ready	ROA						
Time Logger on Bottom	14:30						
Unit Number	200100						
Tool Size/ID Number	2.75 RADII						
location	Sterling						
Recorded By	Scott Erb						
Witnessed By	Mike Edgar						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String	8 5/8	24	Surface	Surface			
Prot. String							
Production String	4 1/2	11.6	Surface	Total Depth			
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

Correlated to log dated 30 JULY 2011 found on COGCC website

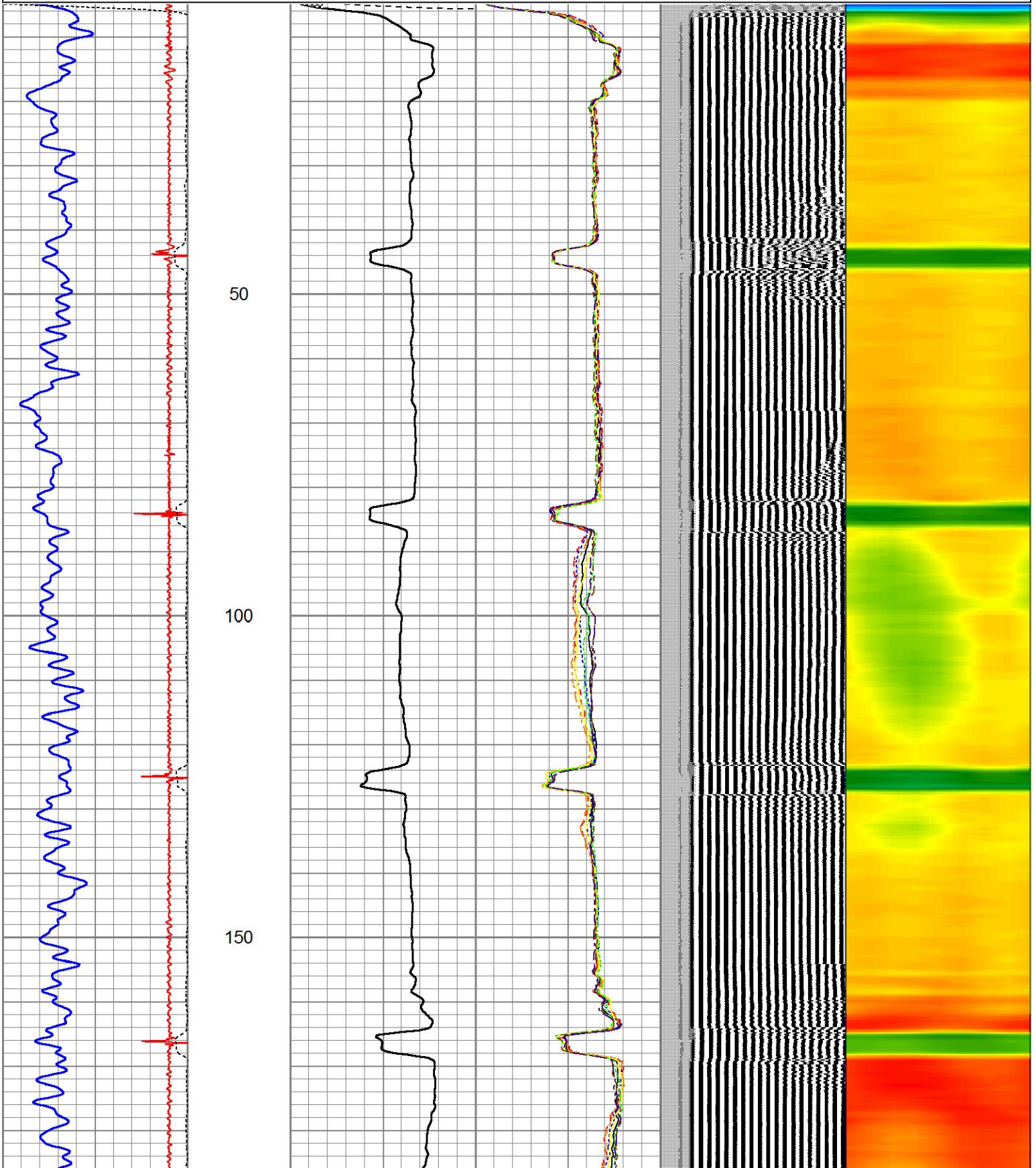
Database File kuner 6-4-25.db
 Dataset Pathname pass28
 Presentation Format zwag
 Dataset Creation Tue Apr 05 14:30:18 2022
 Charted by Depth in Feet scaled 1:240

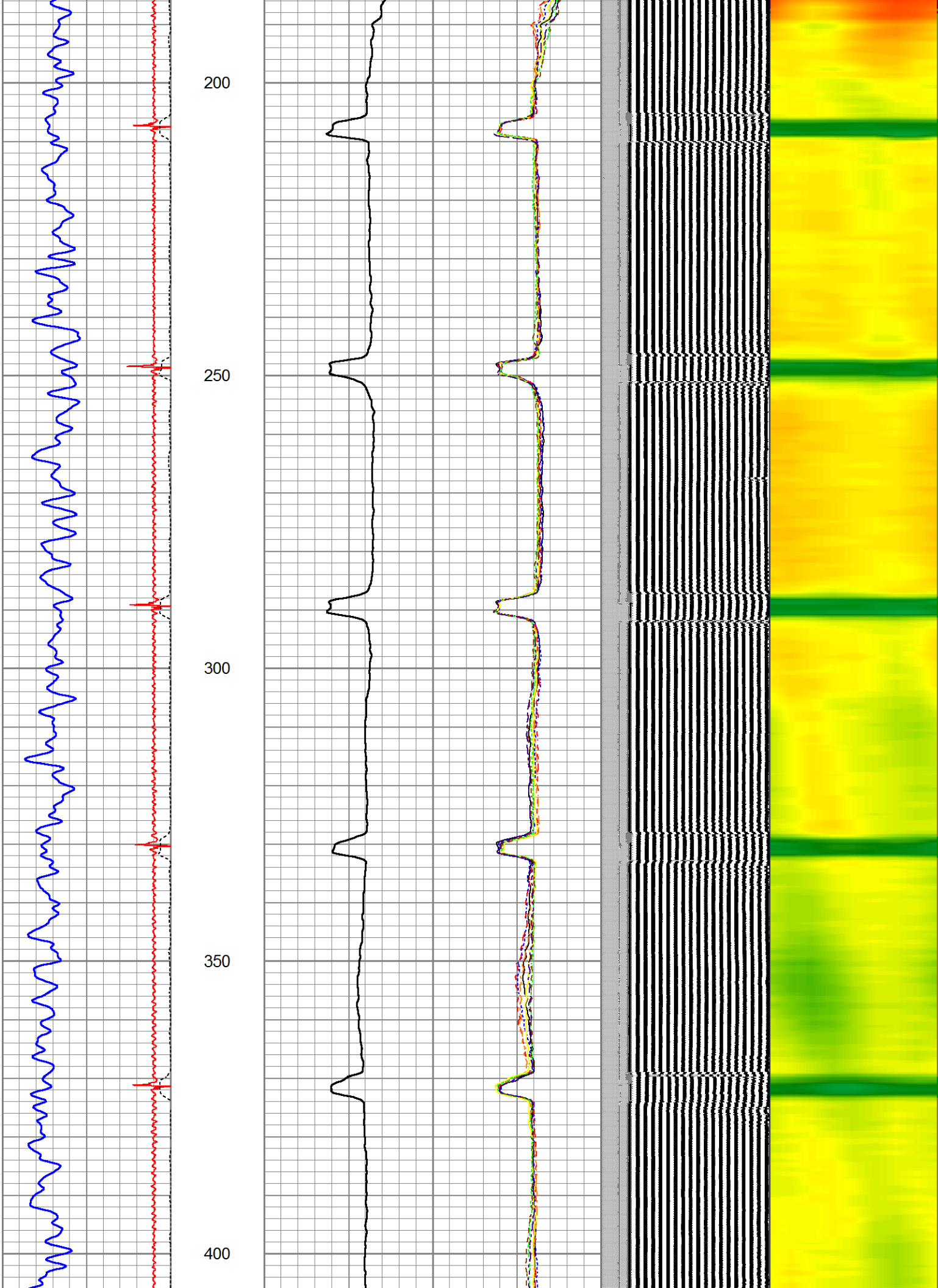
9 CCL -1
0 GR (GAPI) 150
340 TT3 (usec) 240

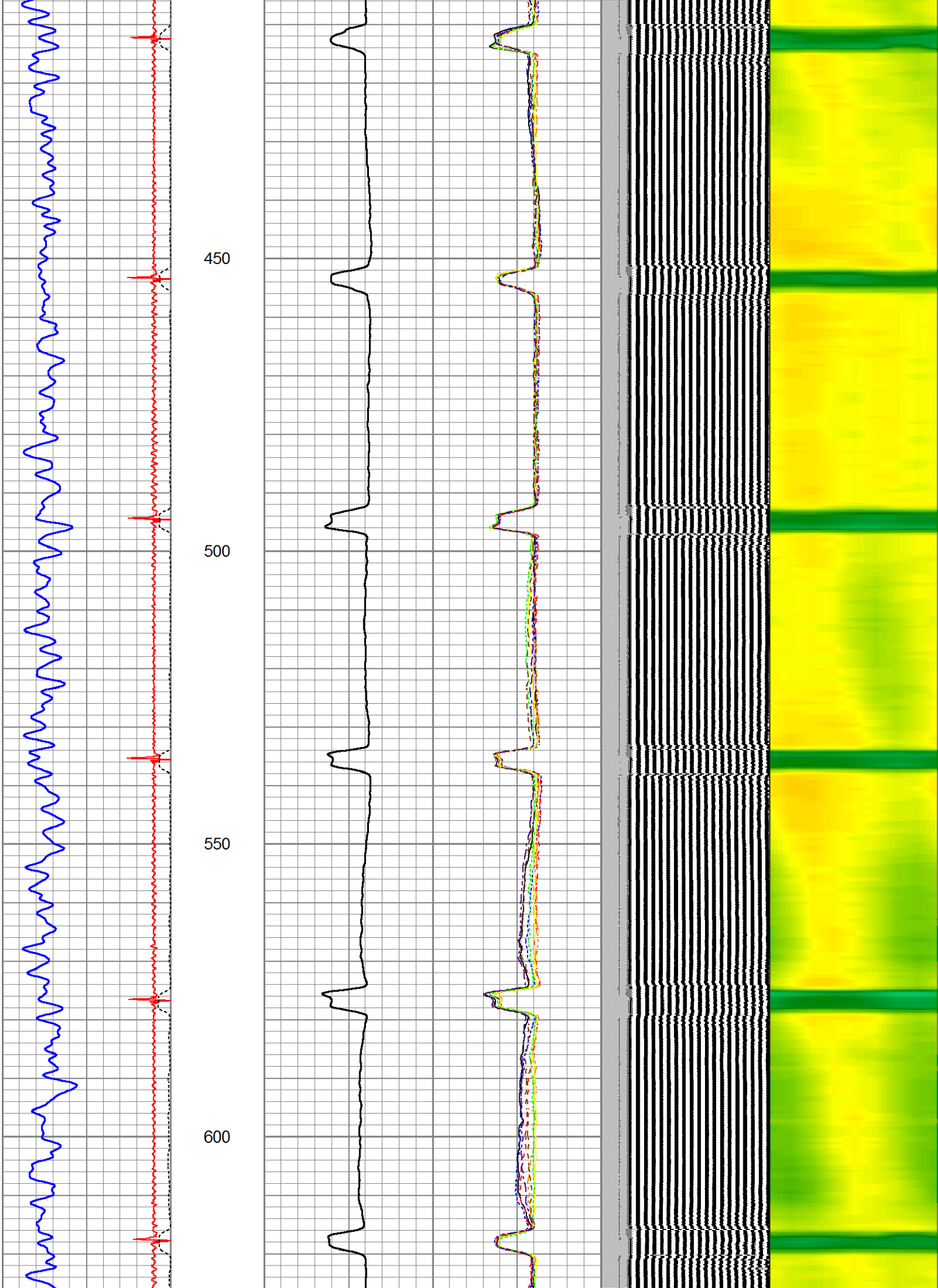
0 AMP (mV) 100
AMPLIFIED AMP3
0 (mV) 20

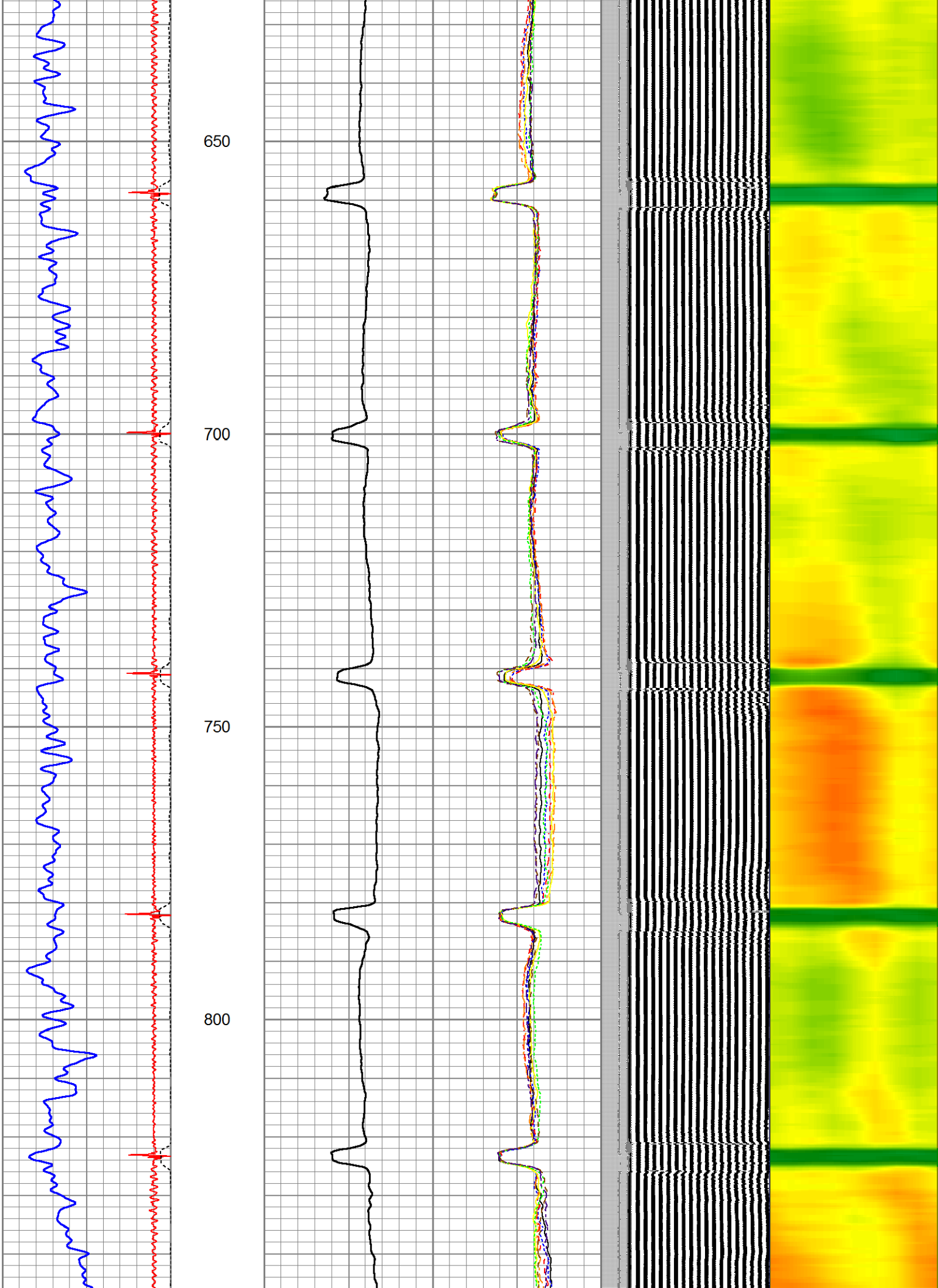
0 AMPS1 100
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0 AMPS4 100
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0 AMPS6 100
0 AMPS7 100
0 AMPS8 100

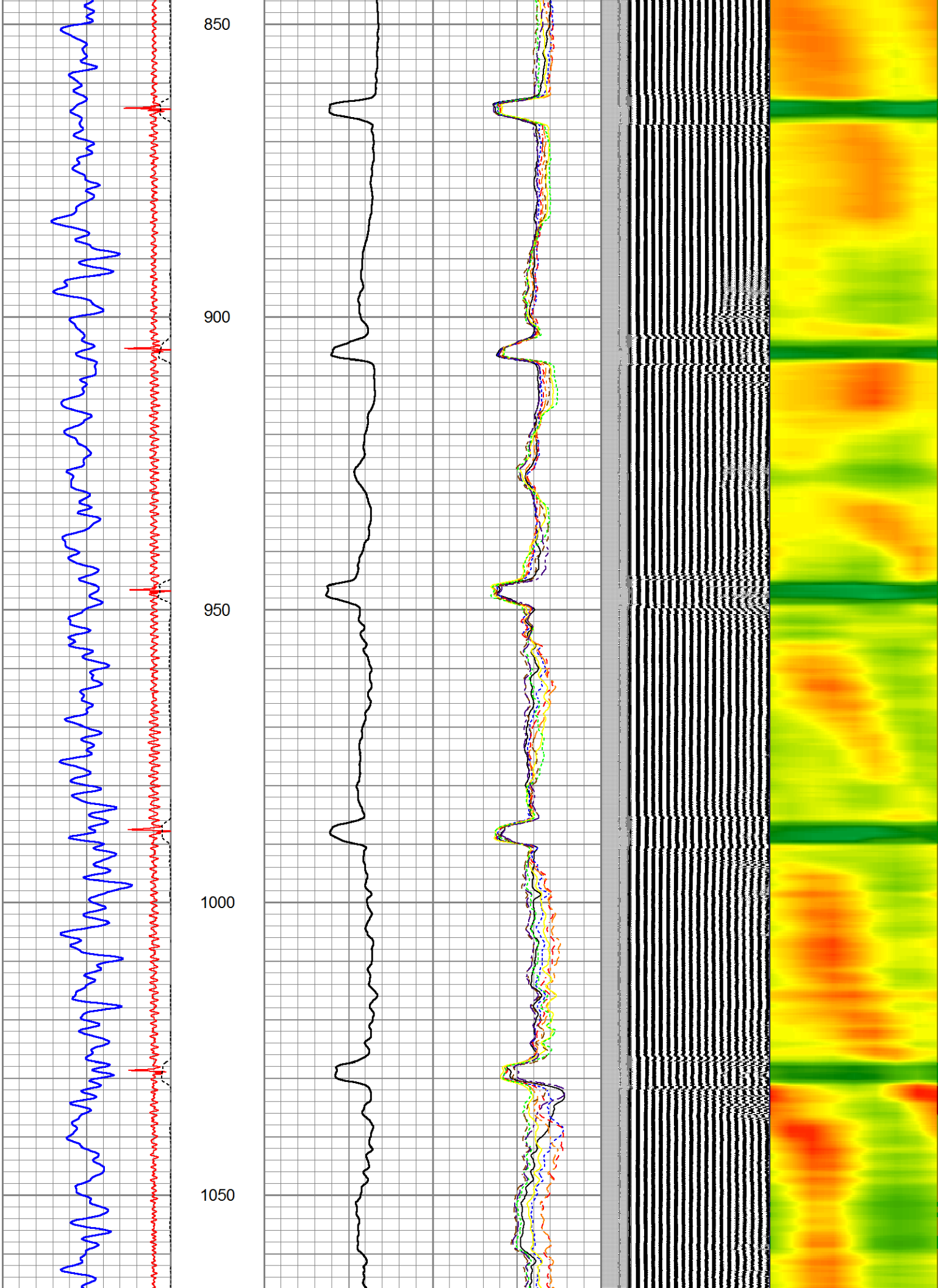
200 VDL 1200
1 RADIAL MAP 8
1 80

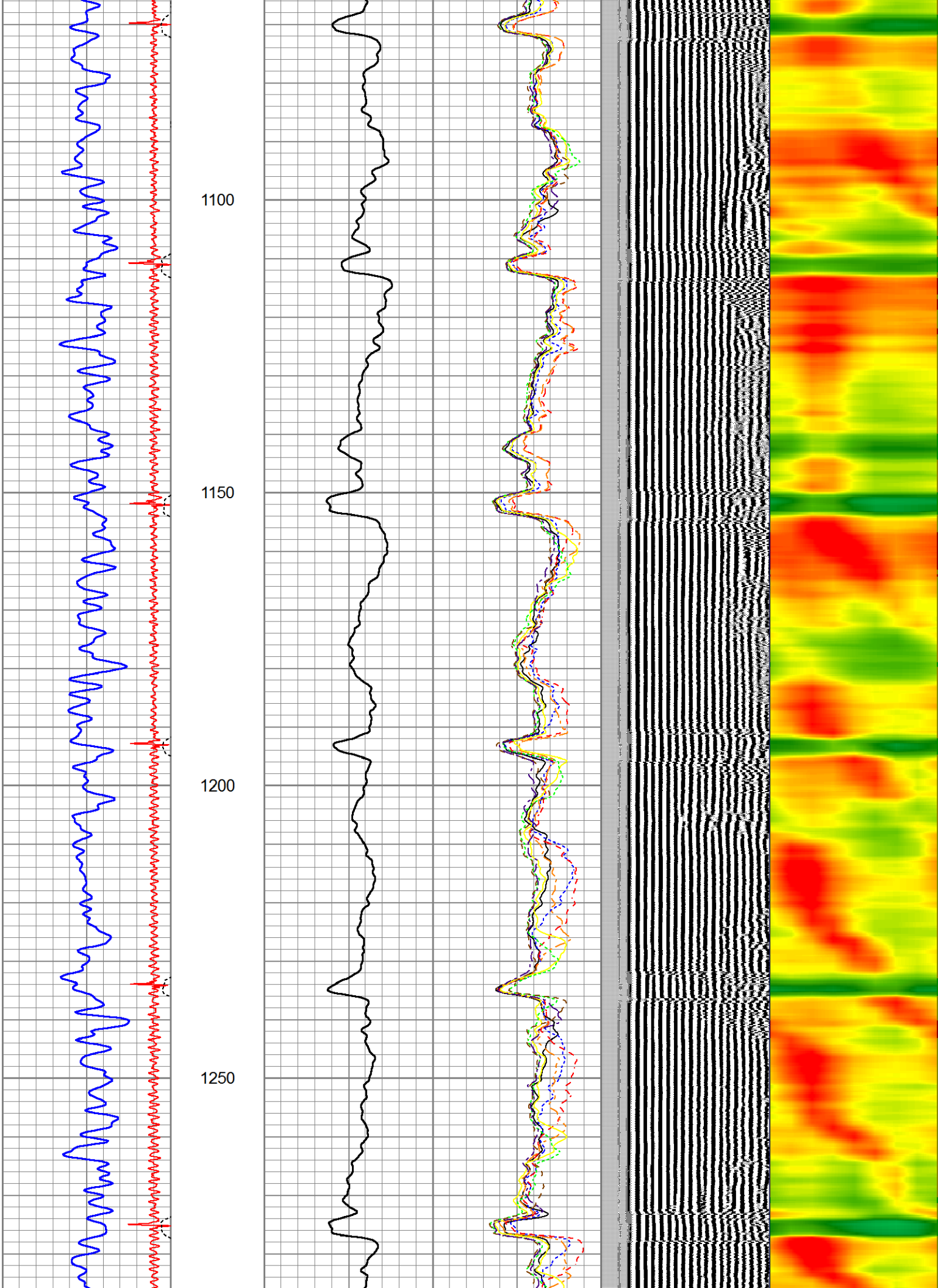


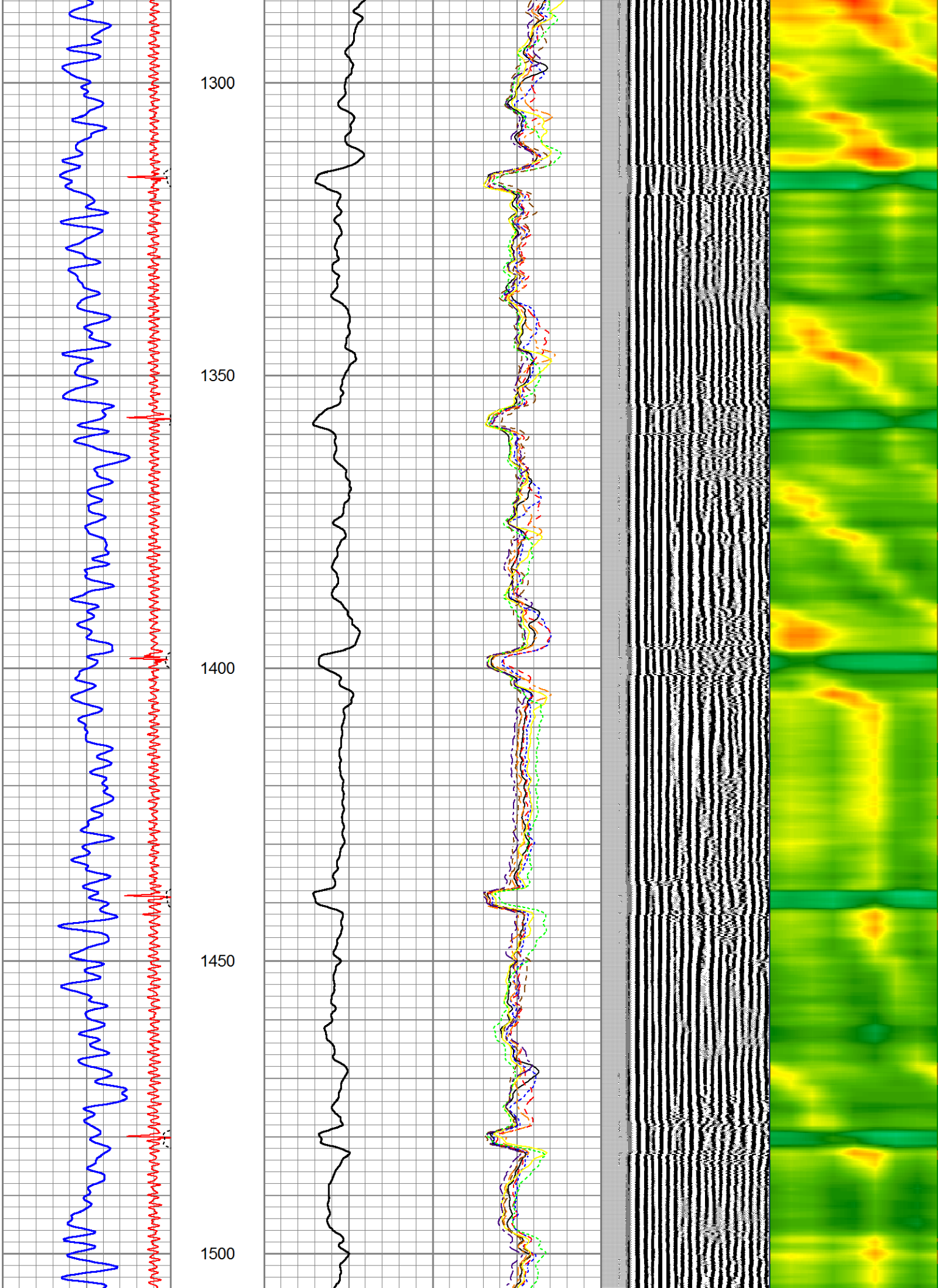


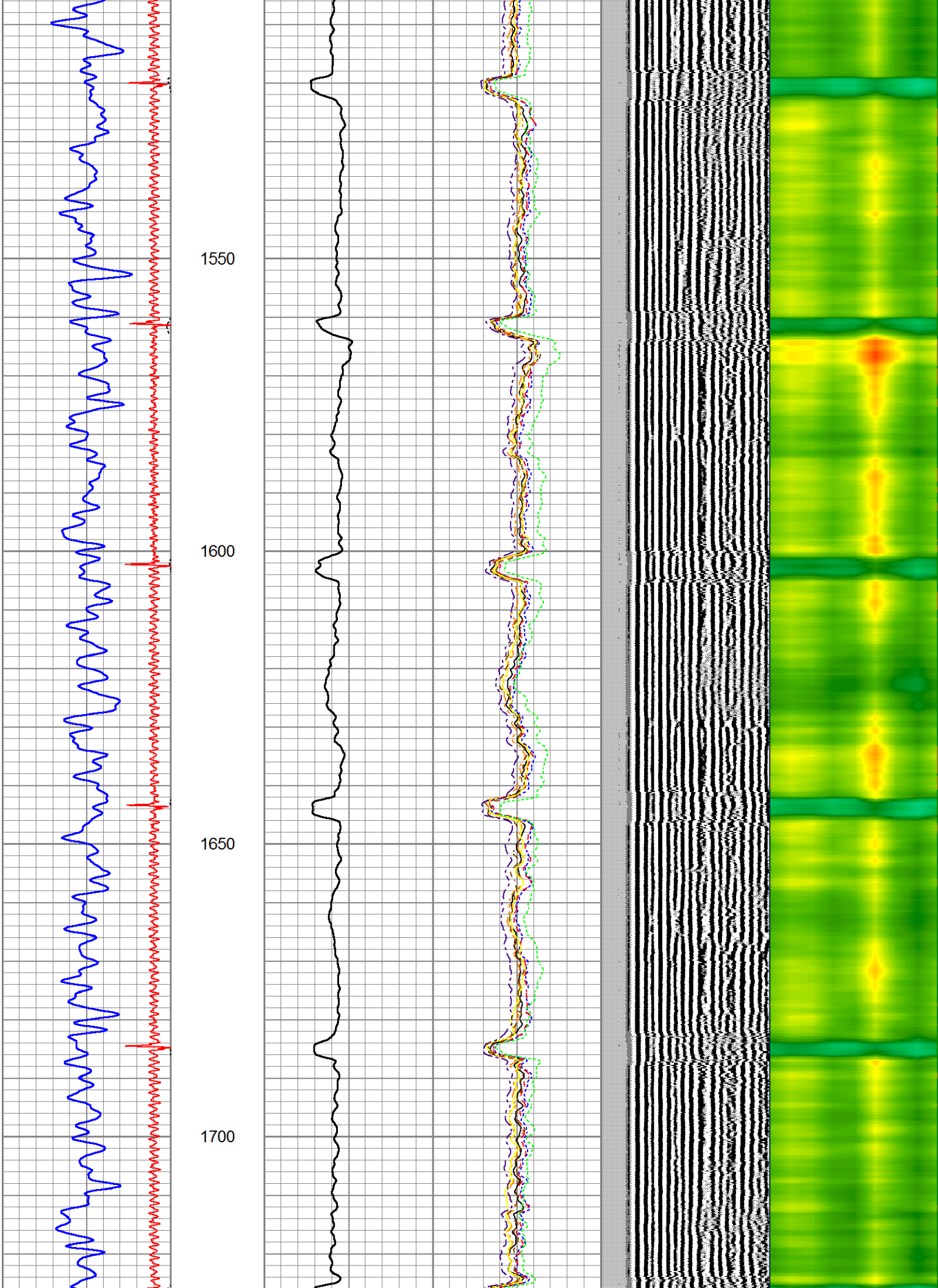


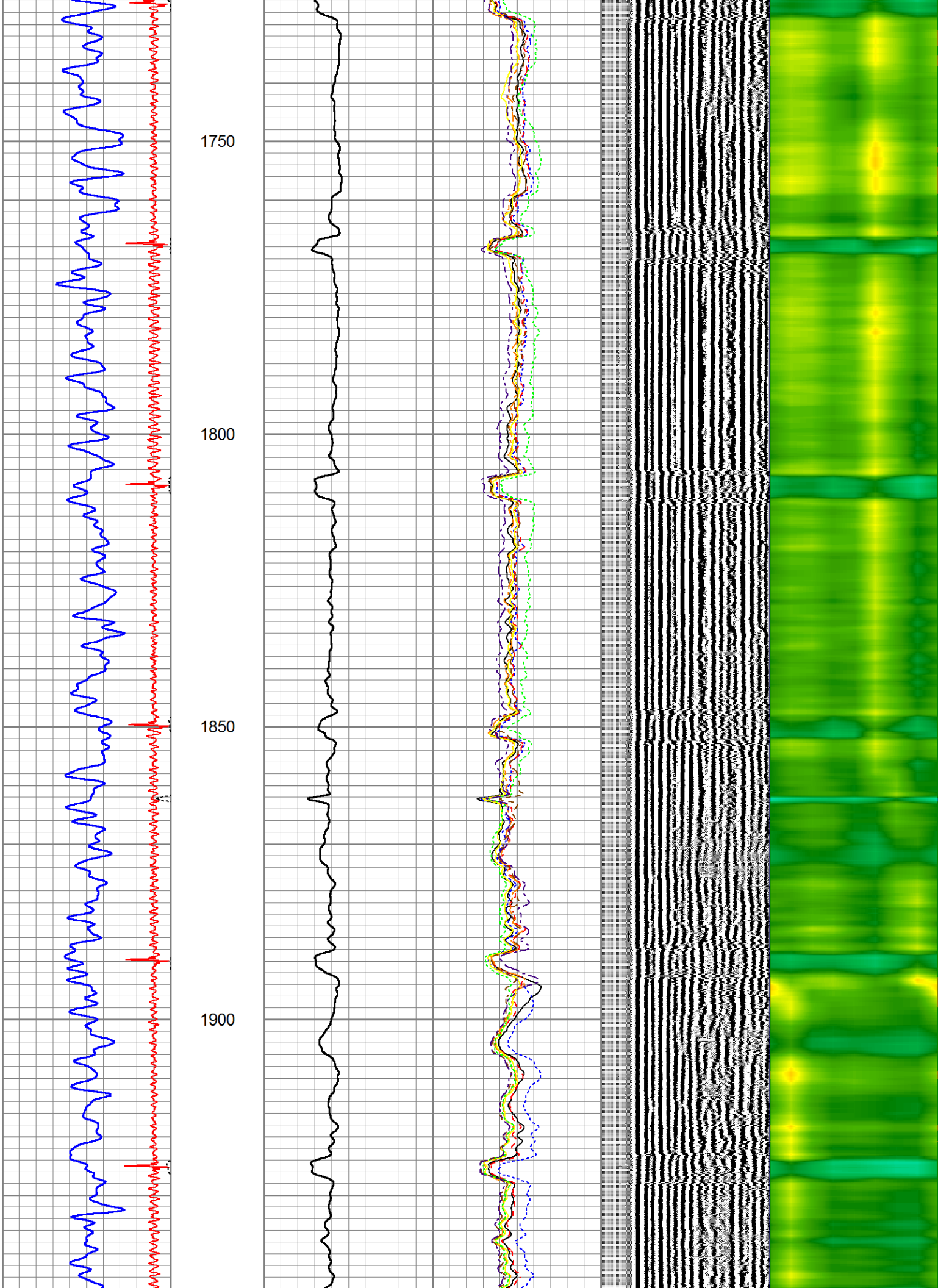


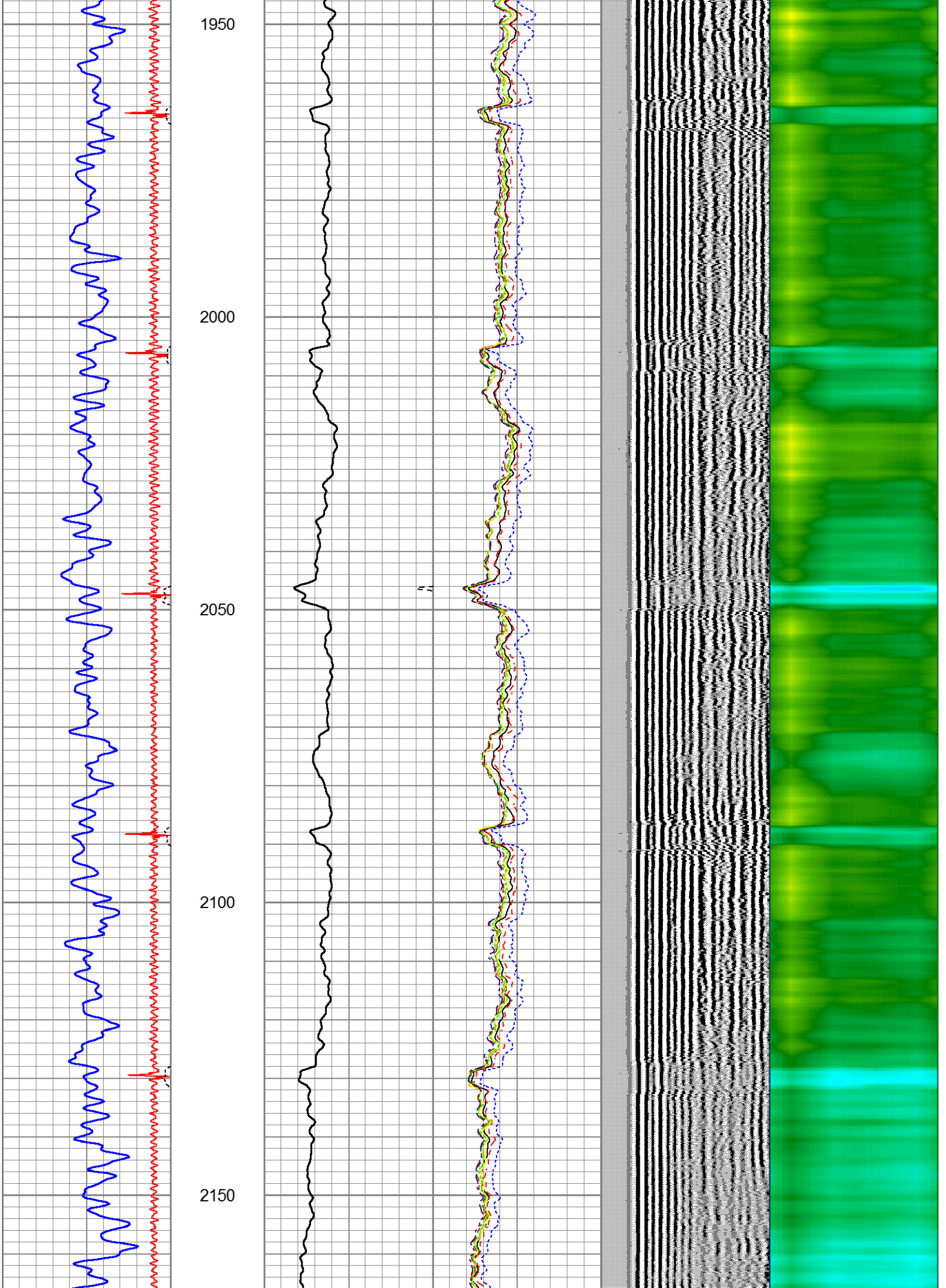


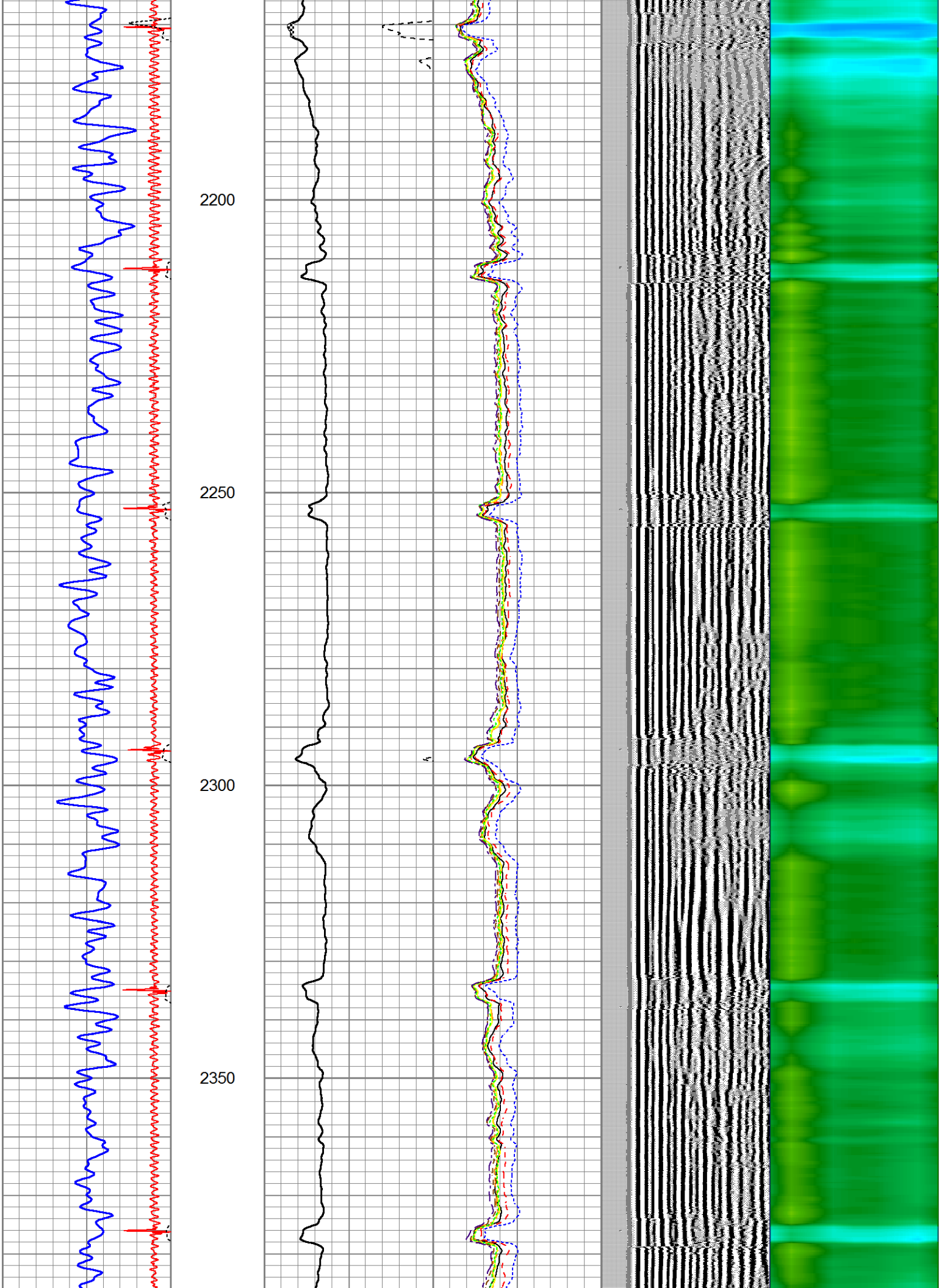


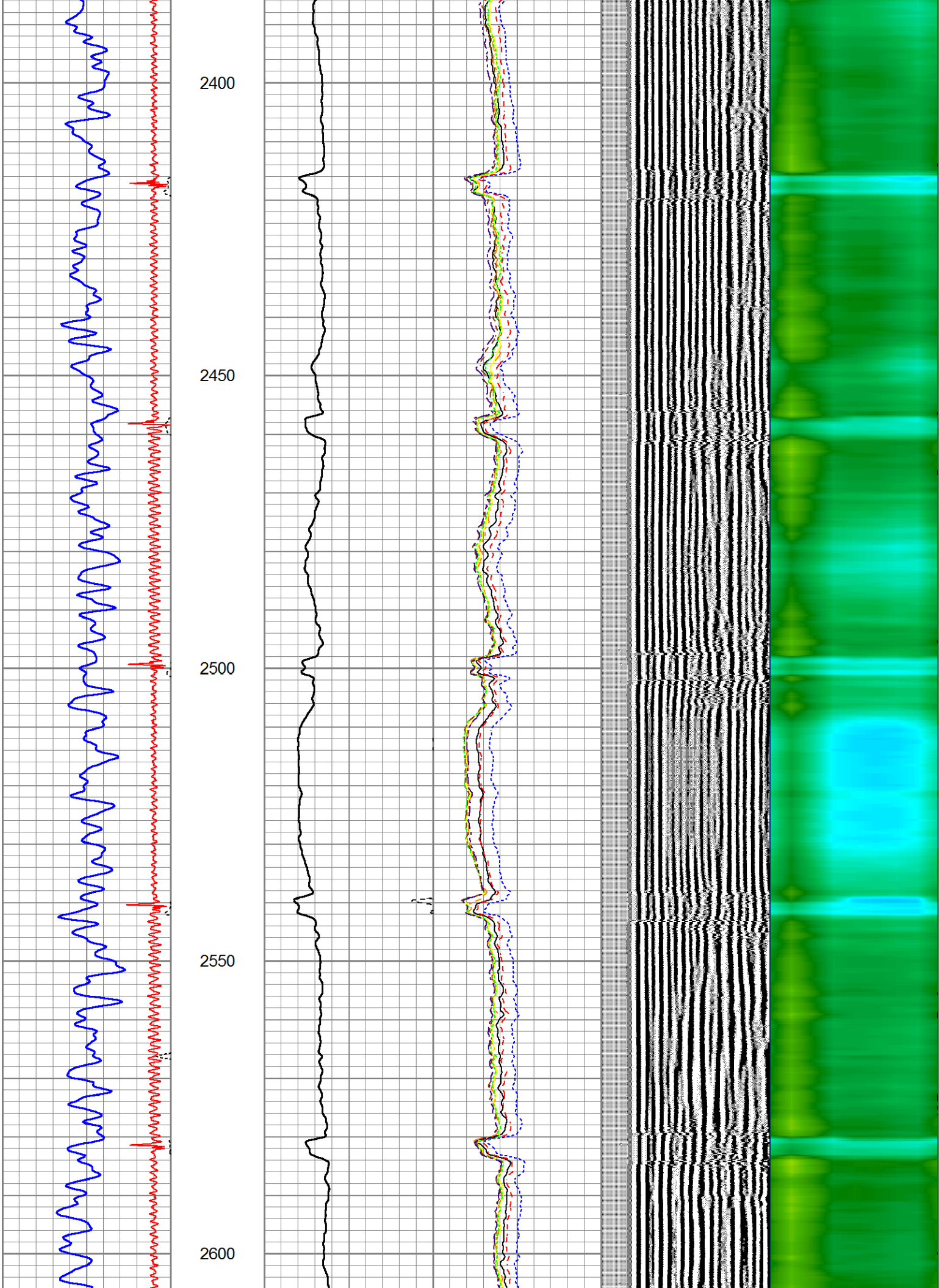


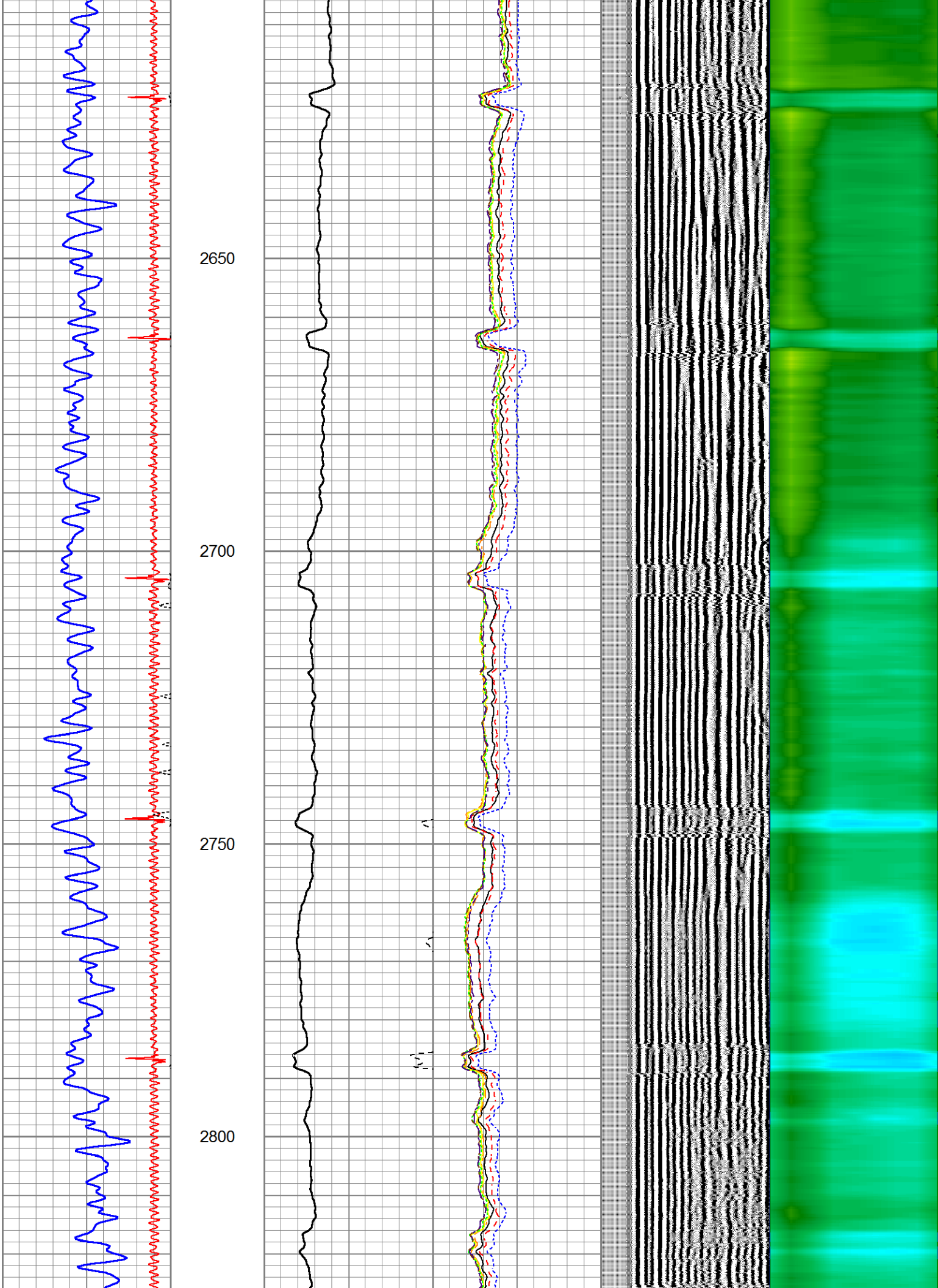


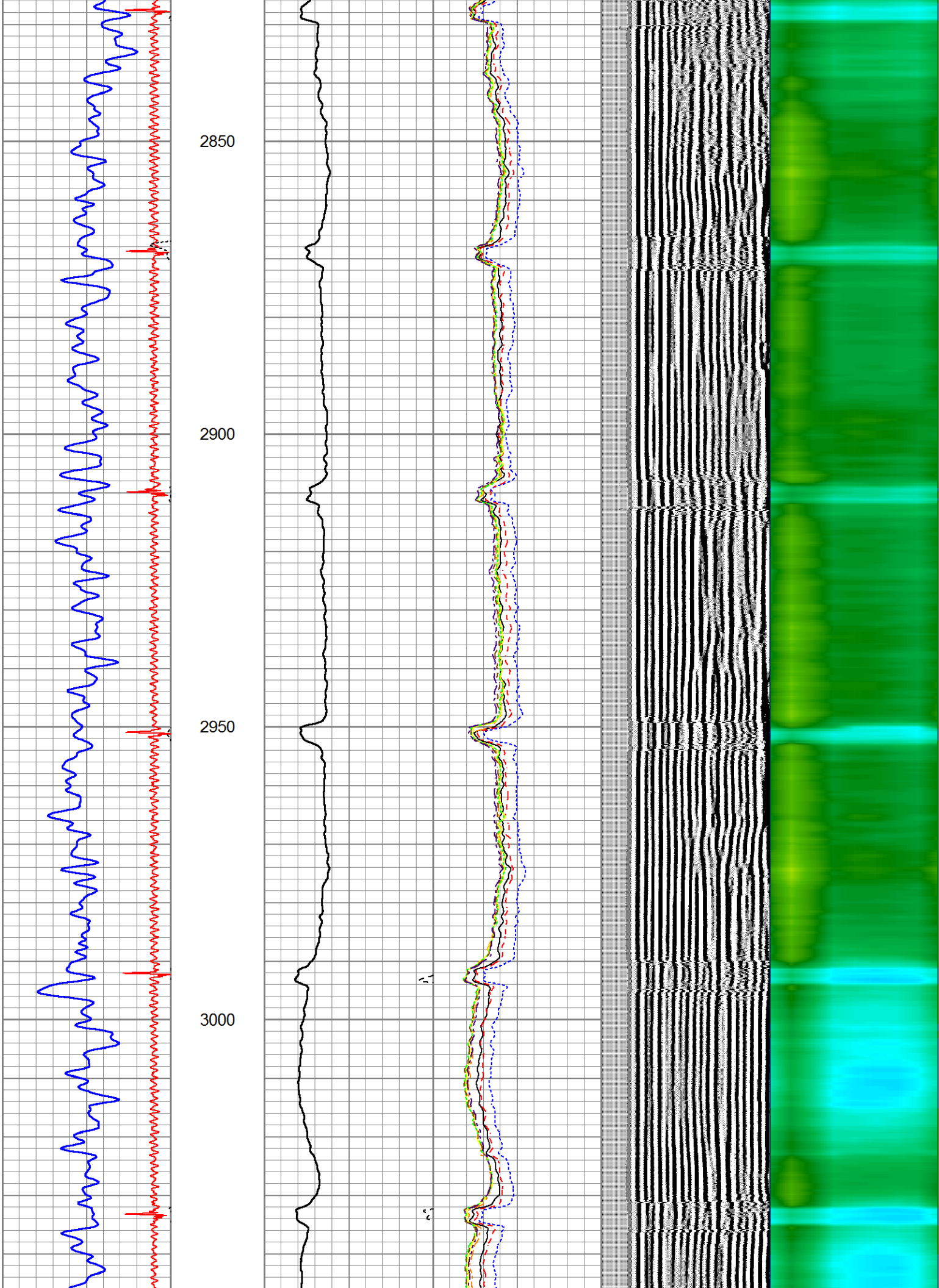


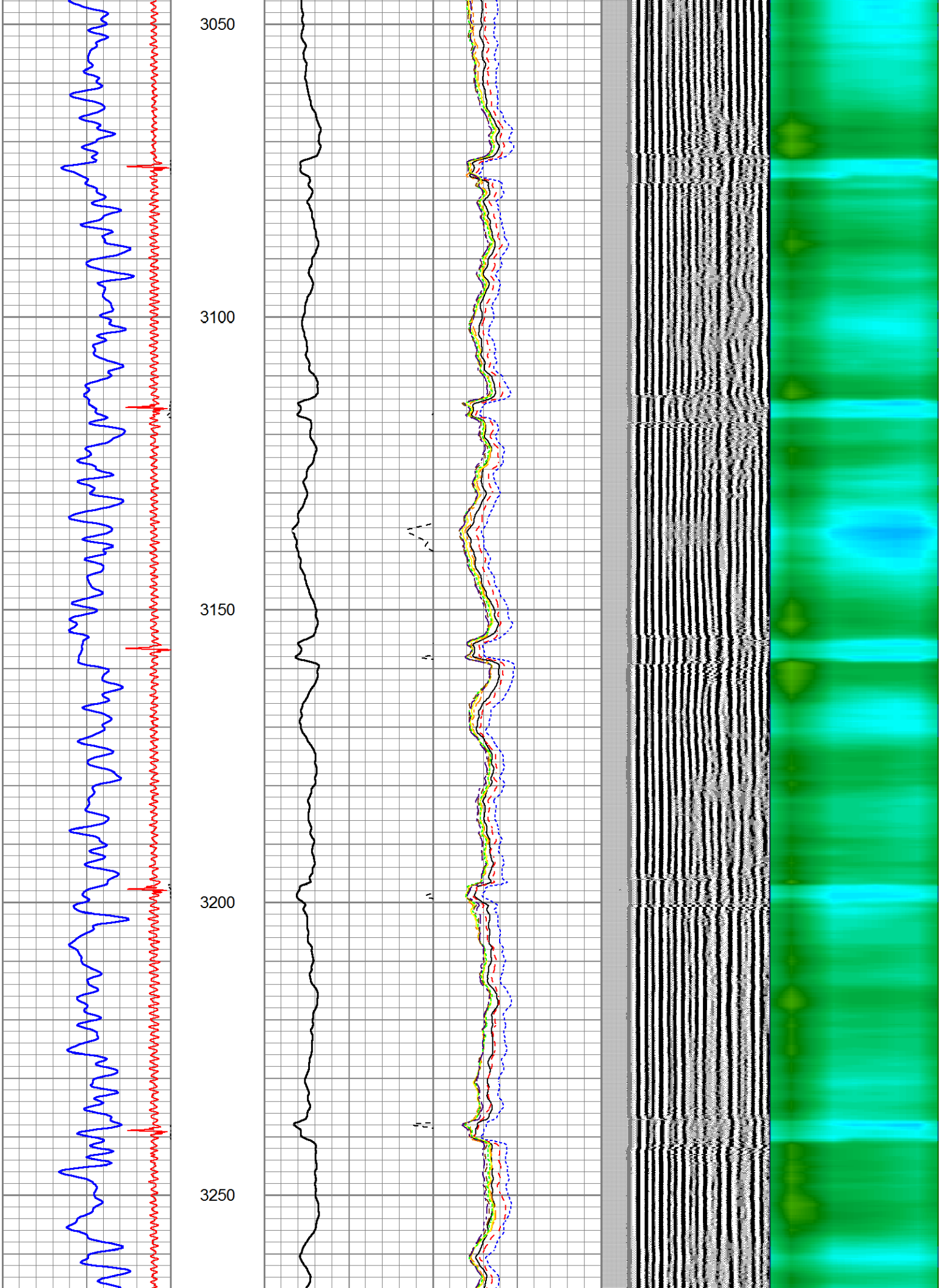


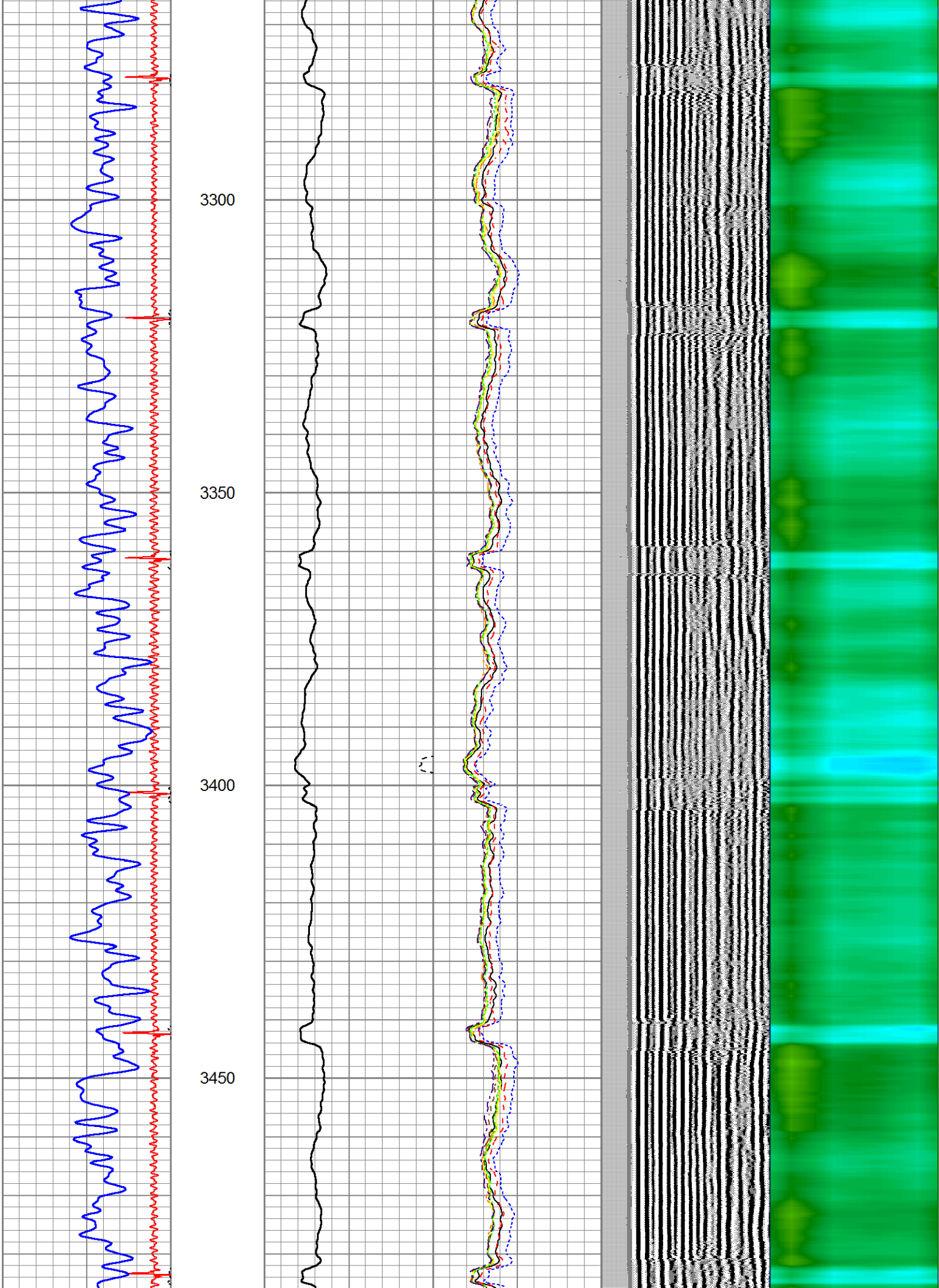


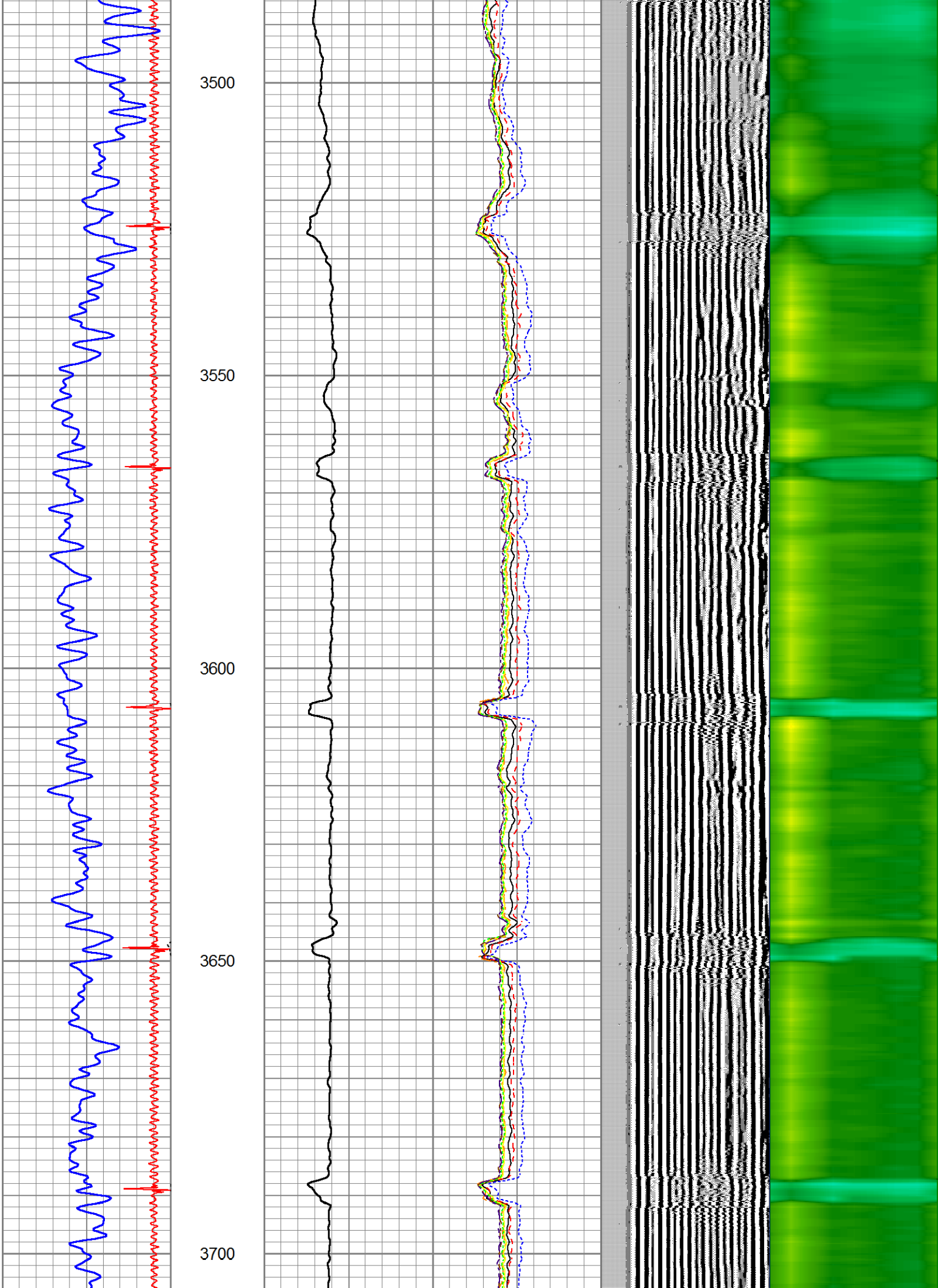


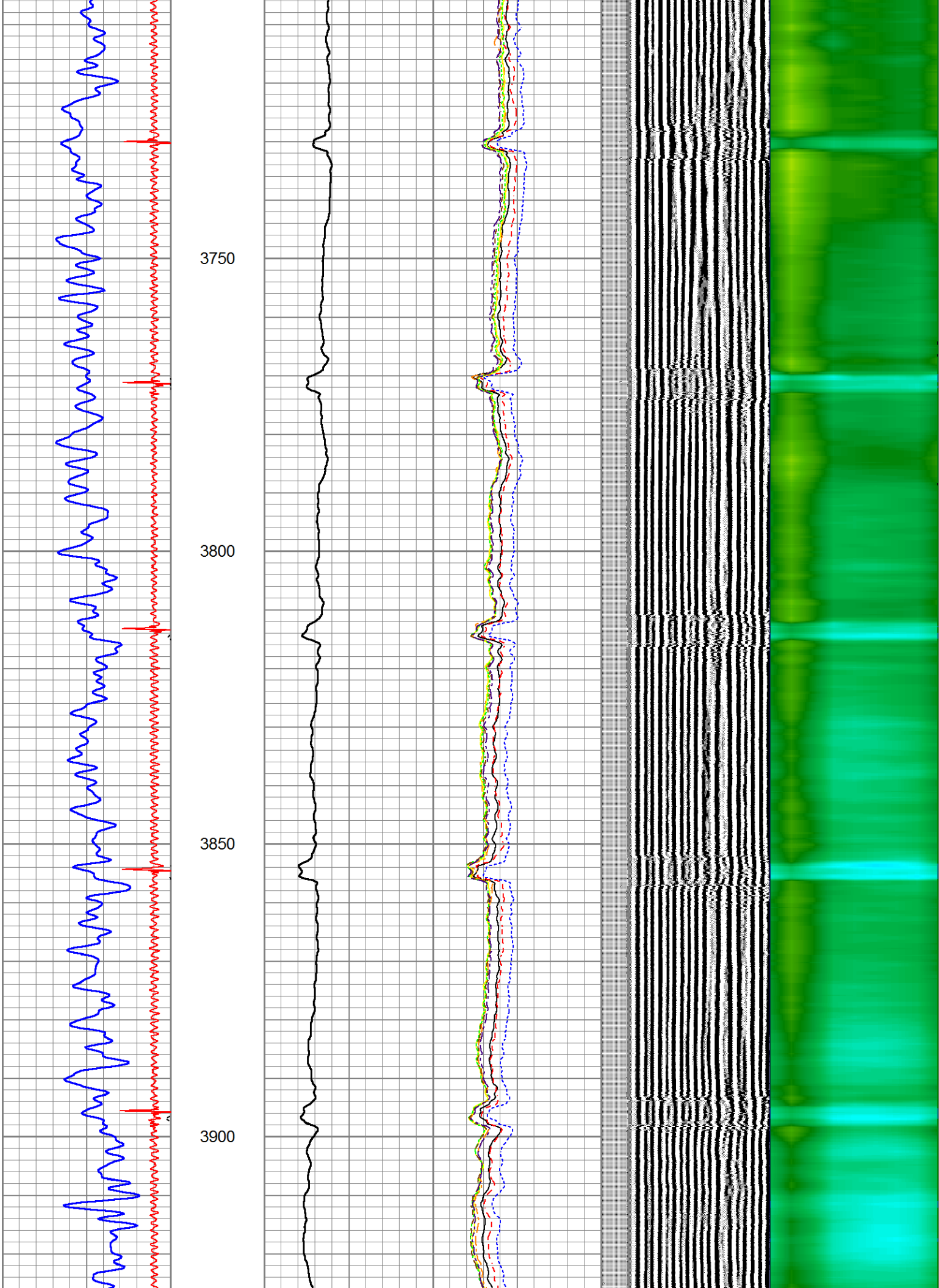


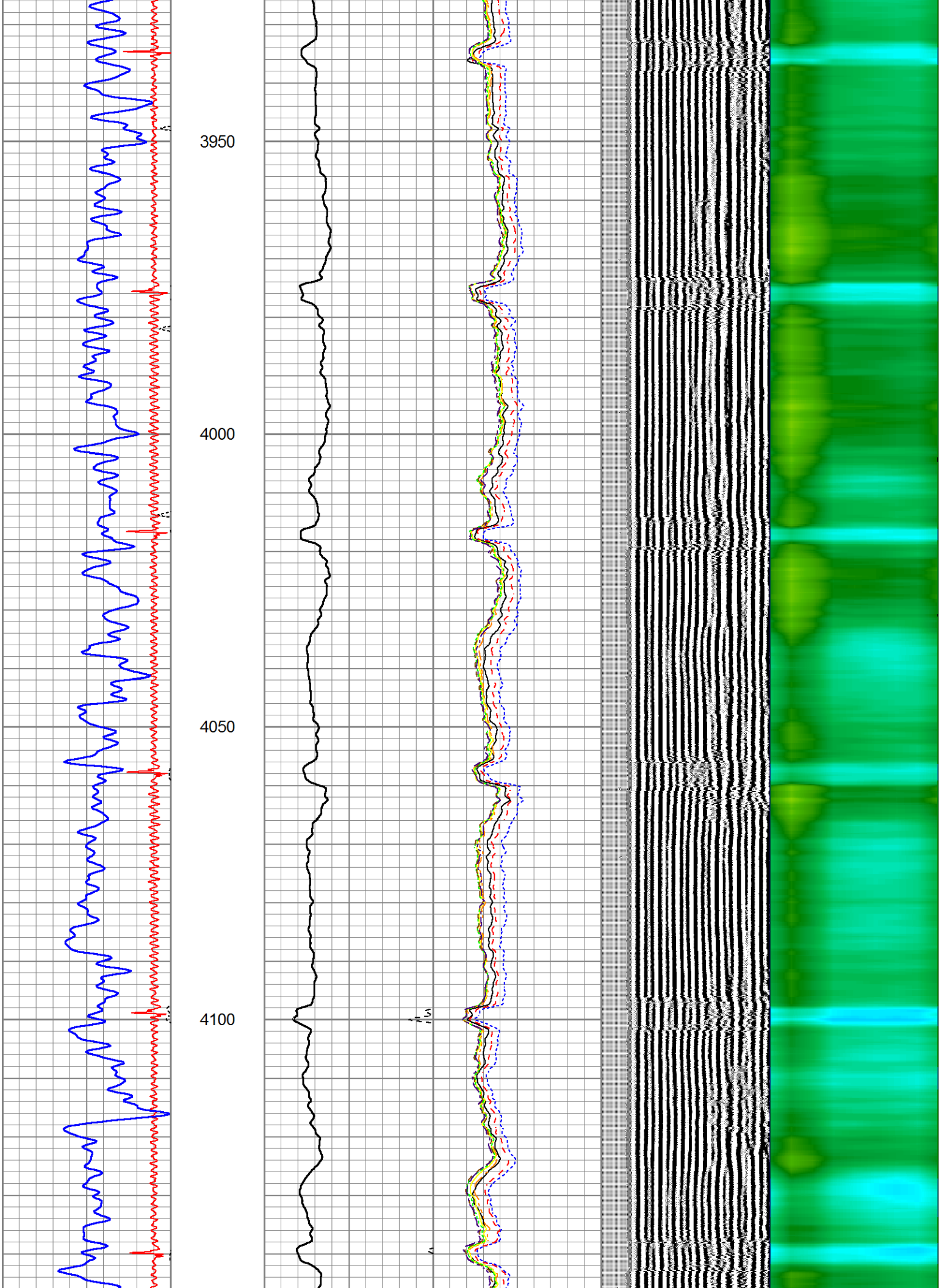


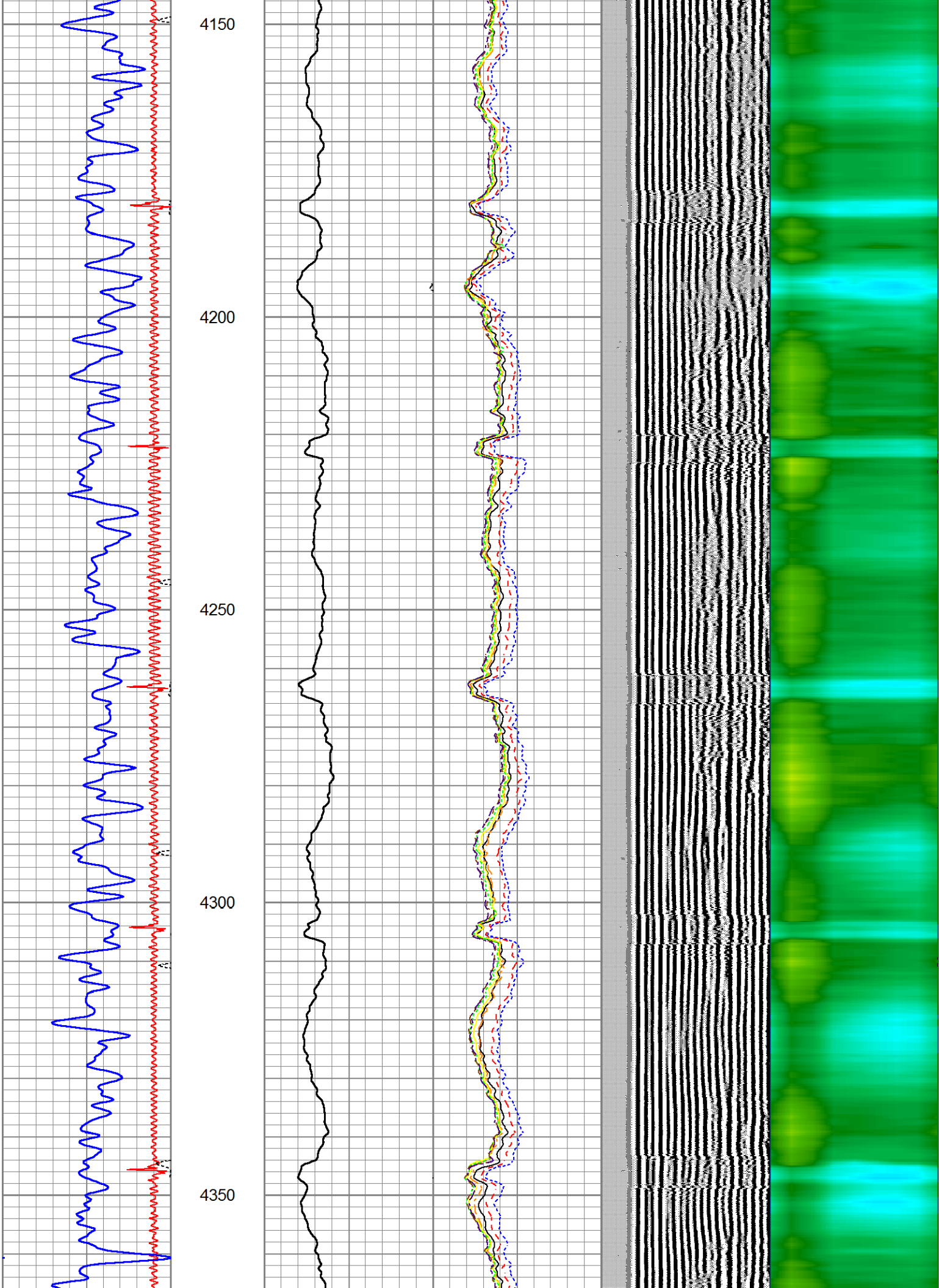


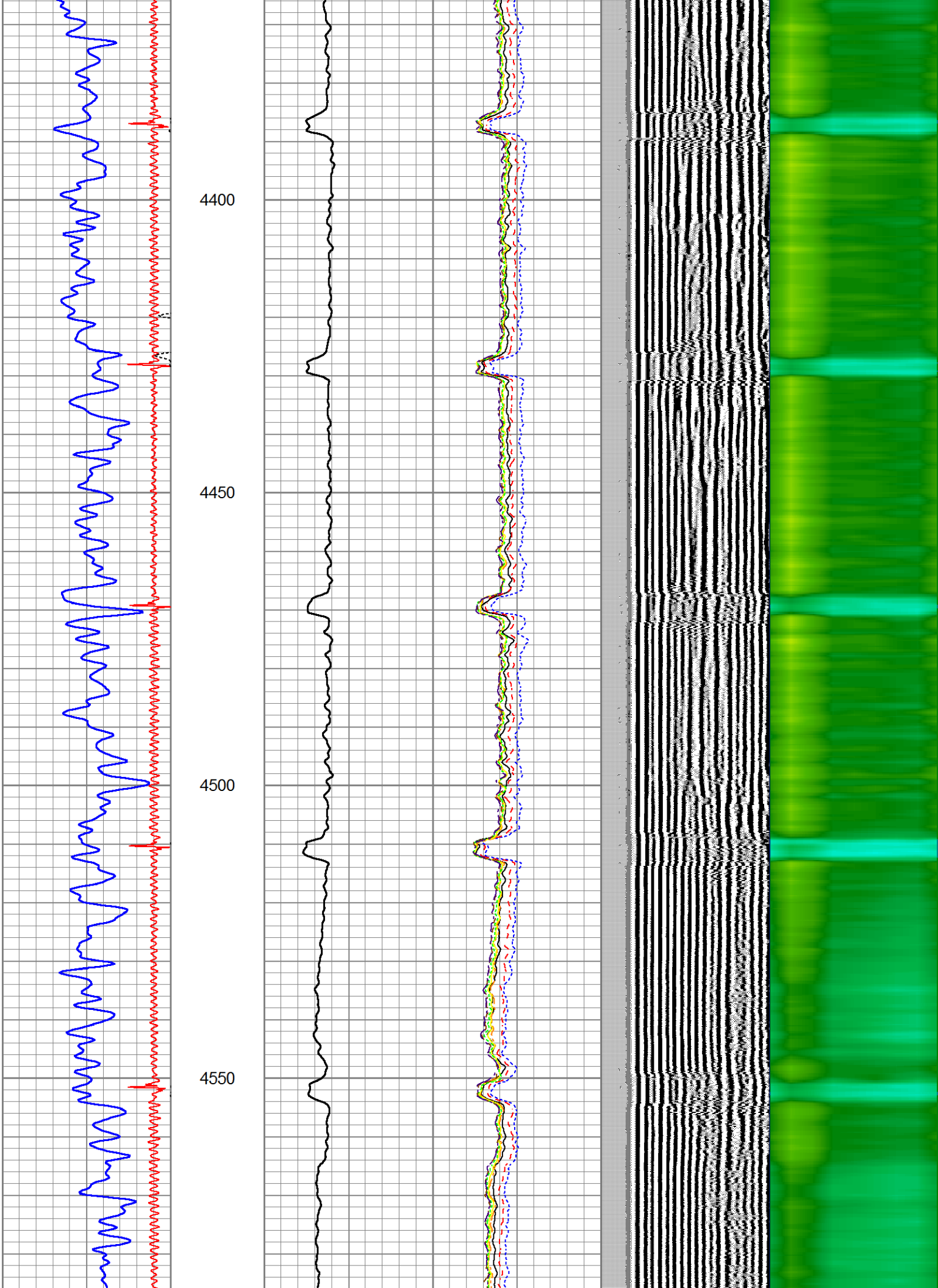


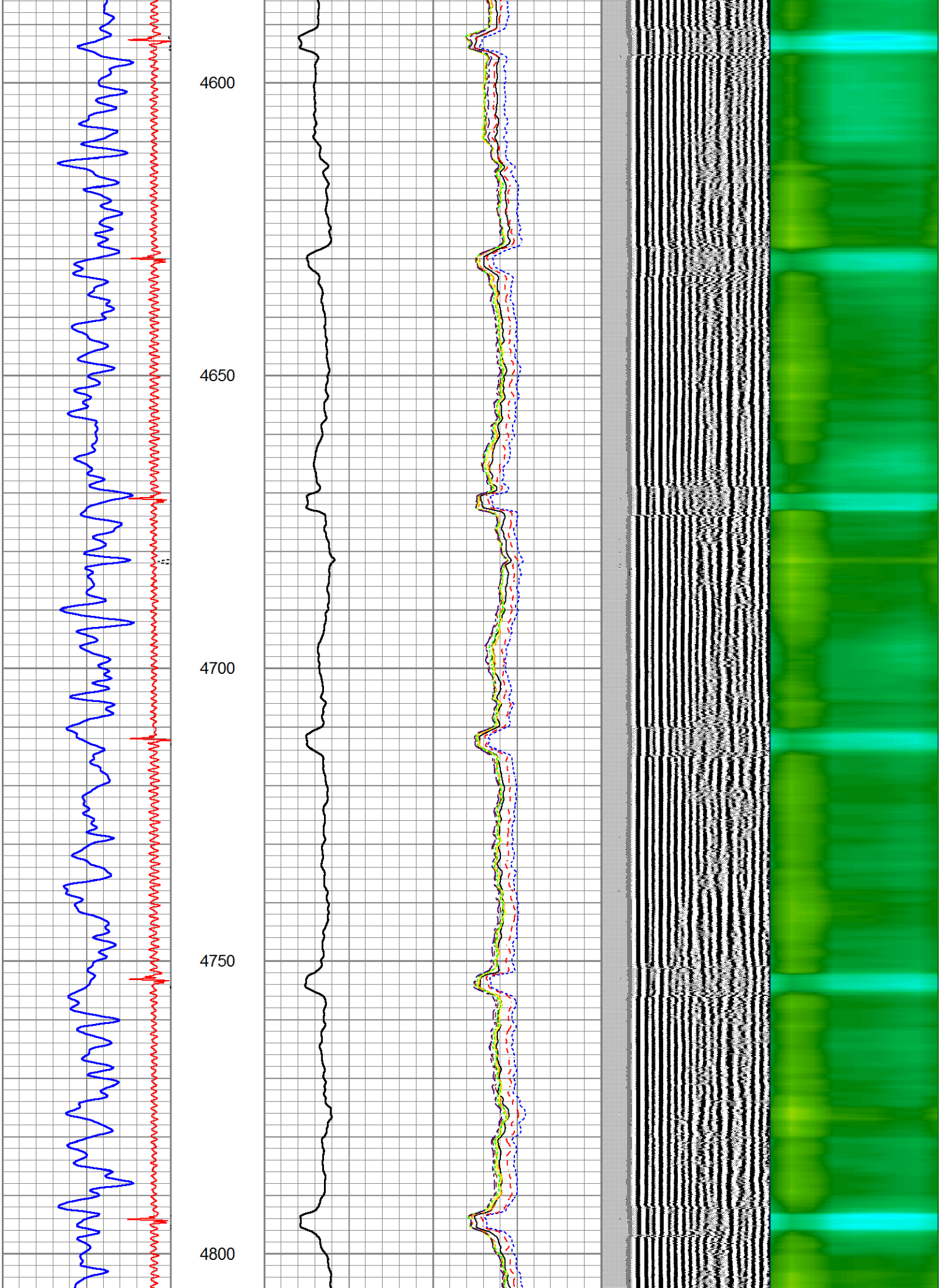


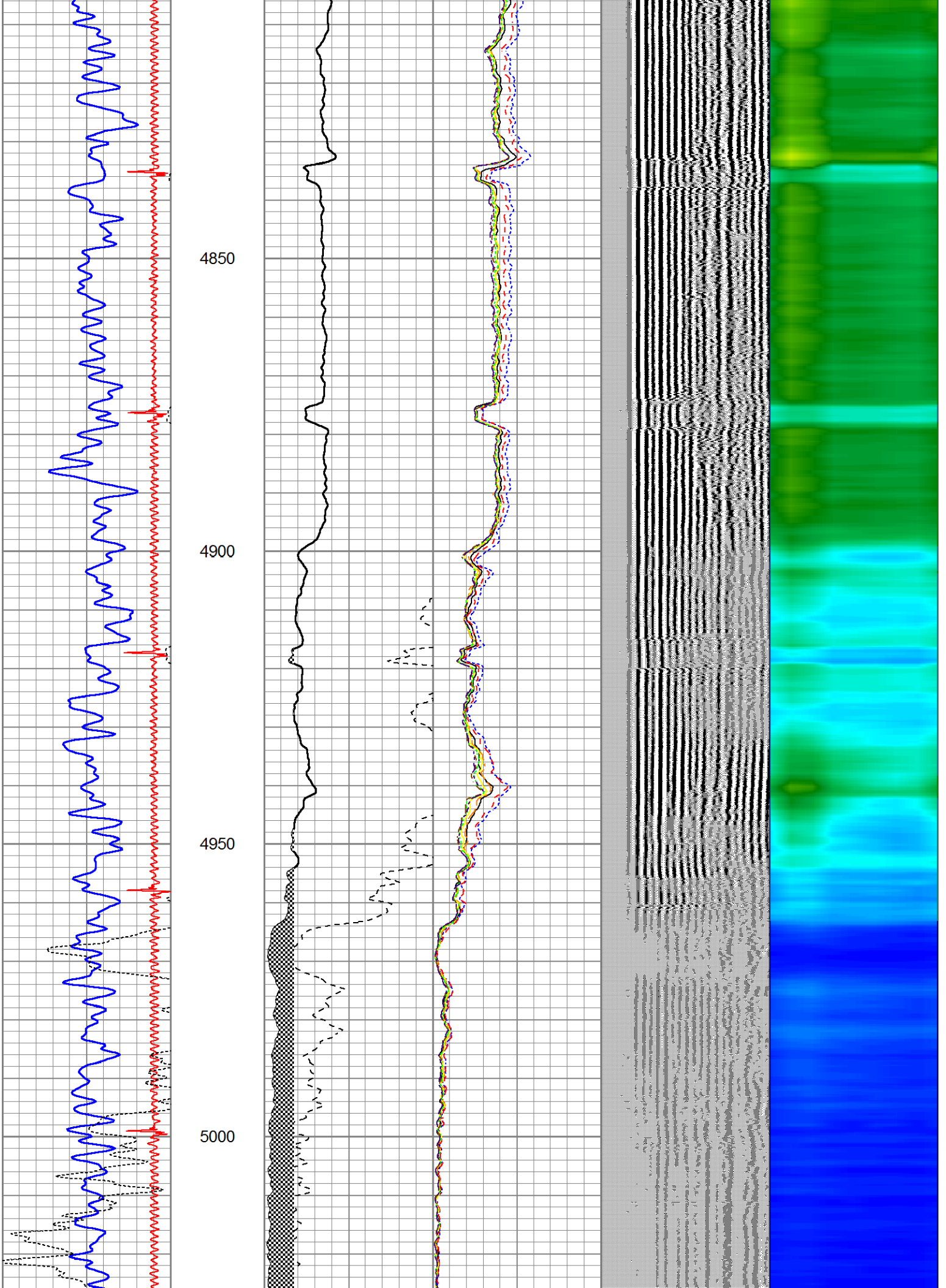


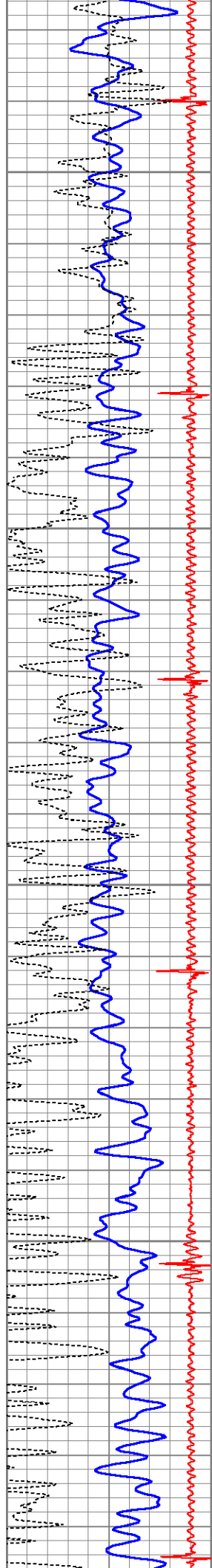




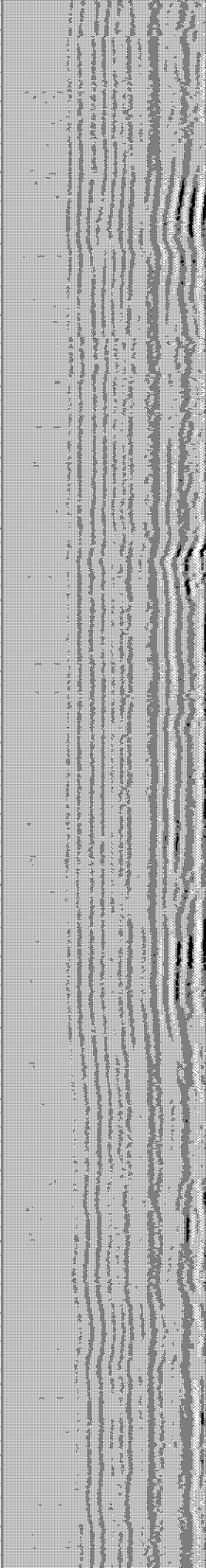
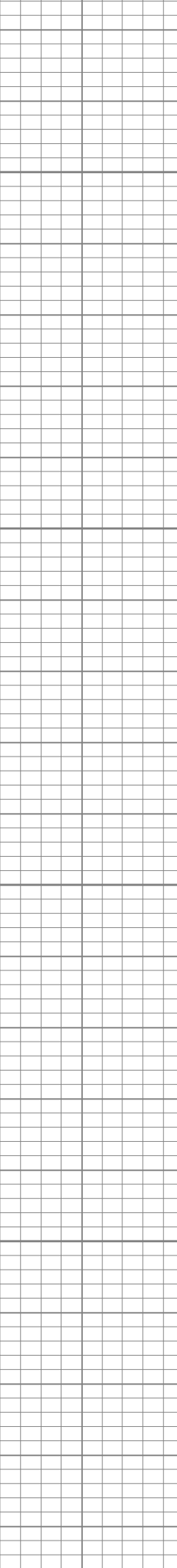
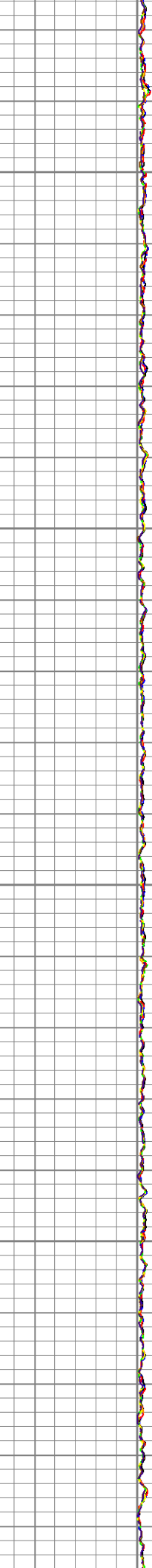
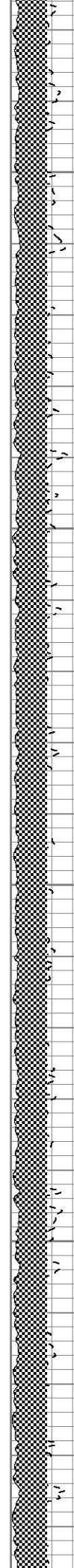


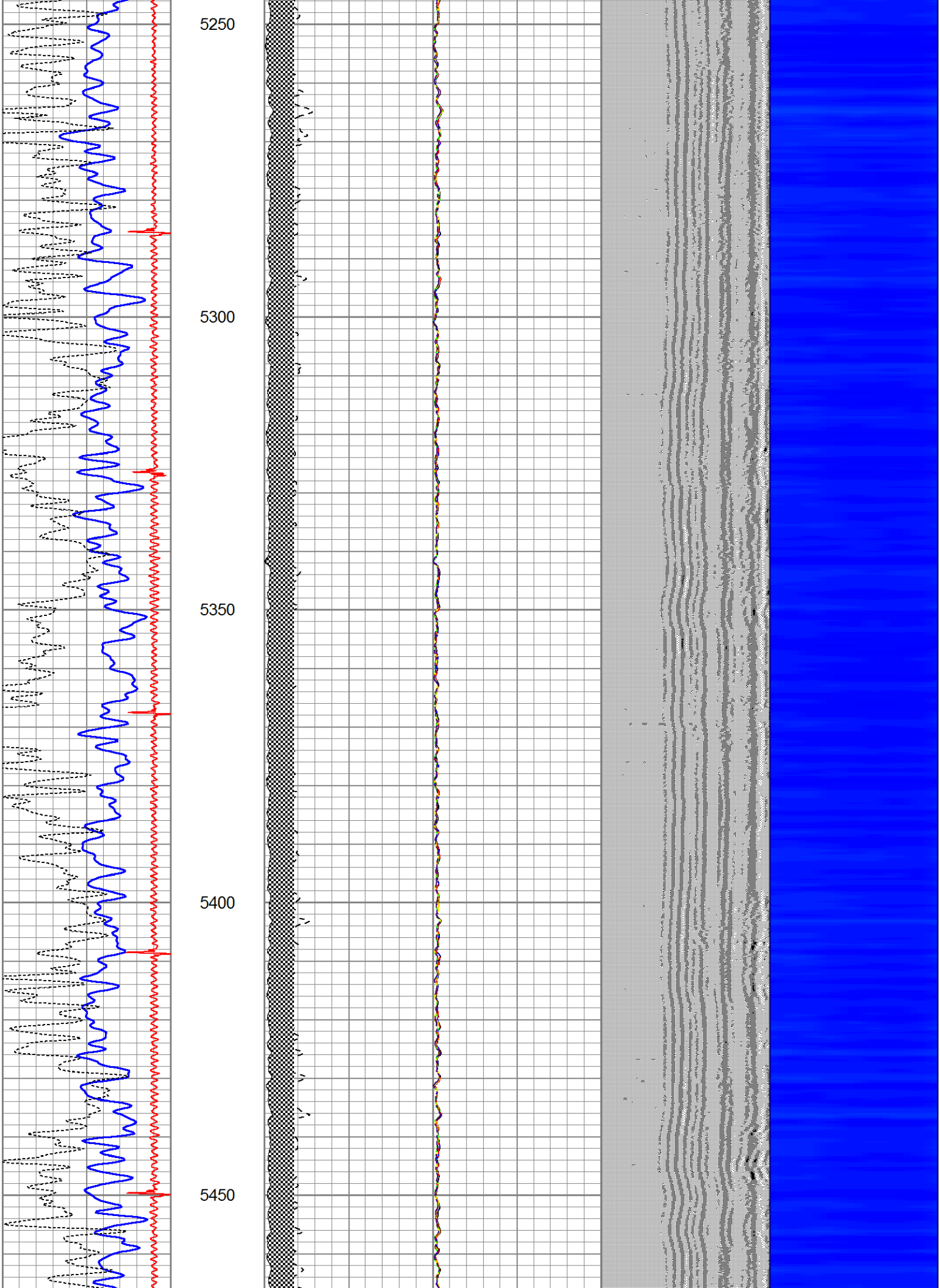


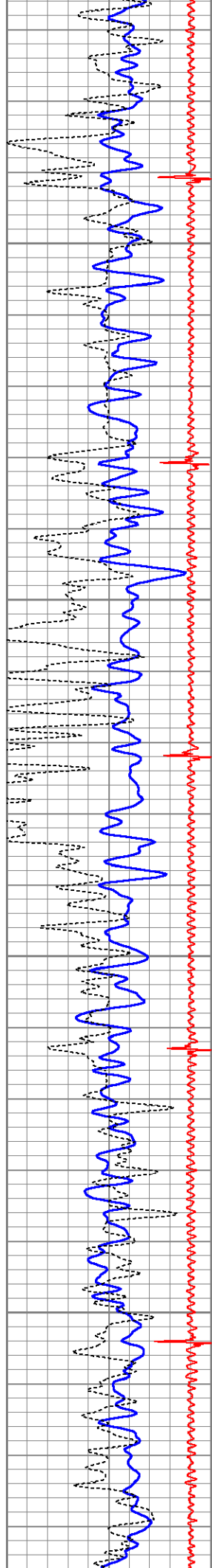




5050
5100
5150
5200





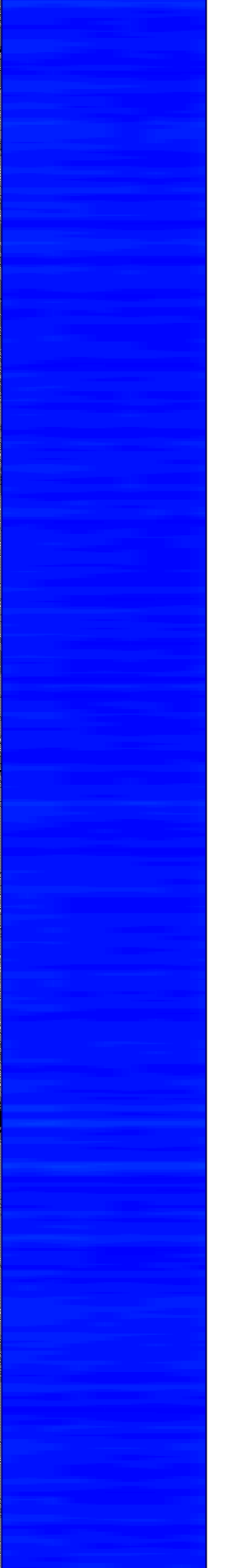
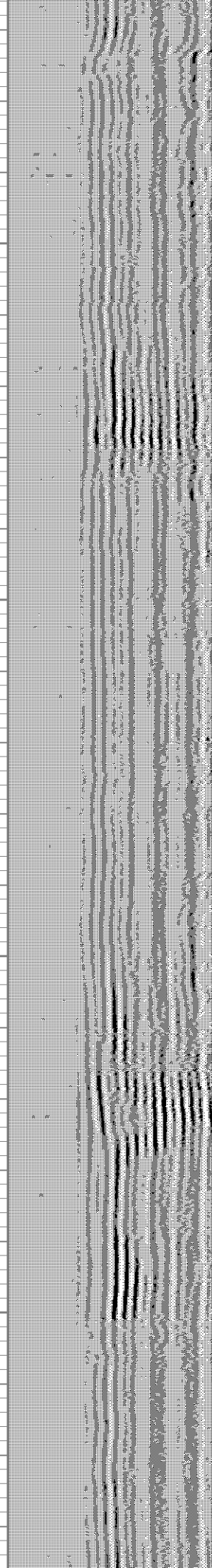
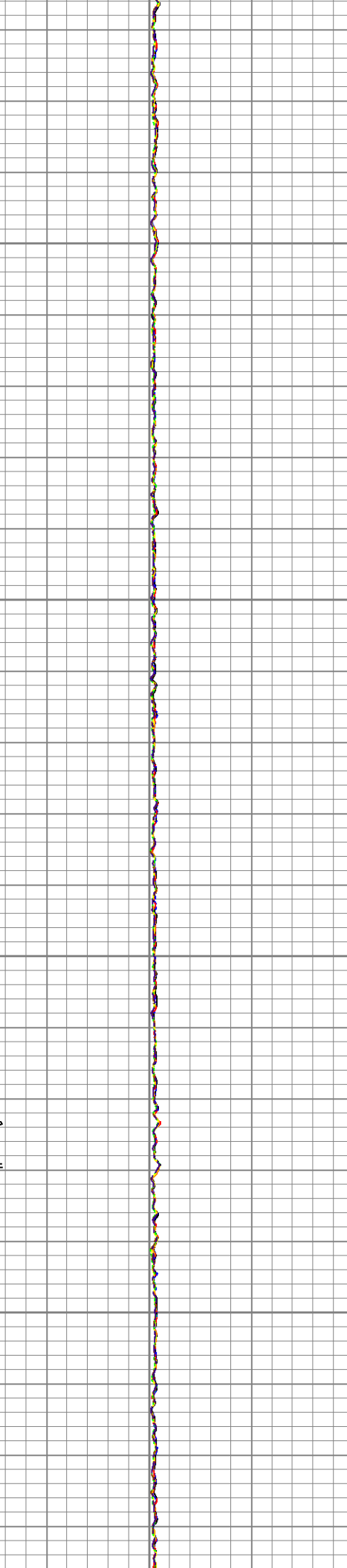
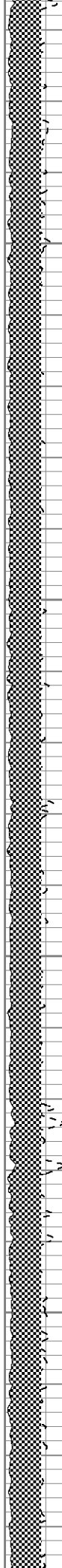


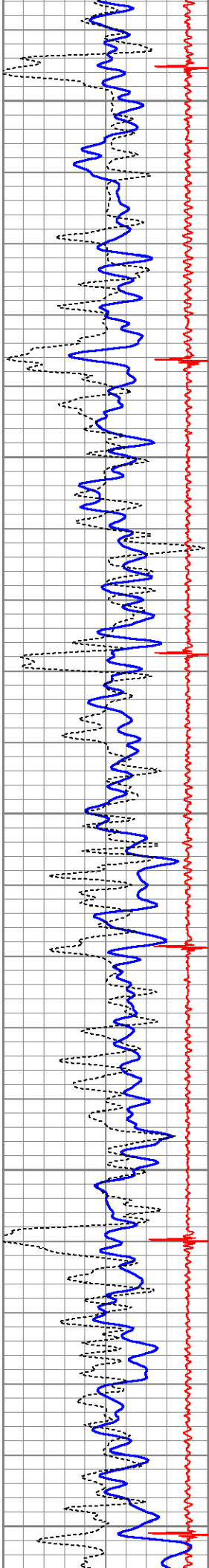
5500

5550

5600

5650





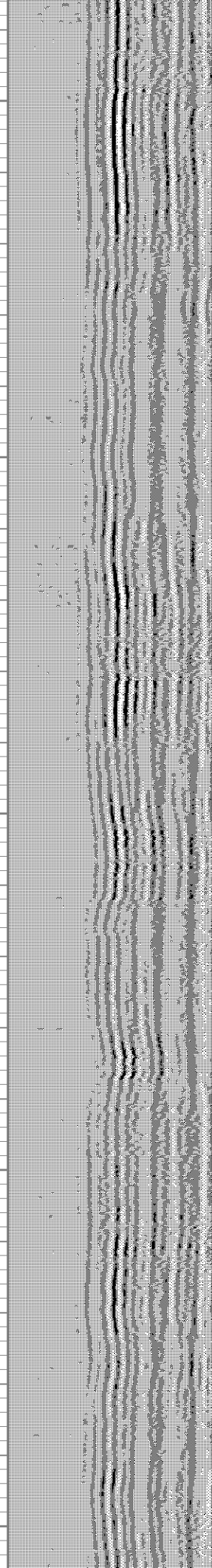
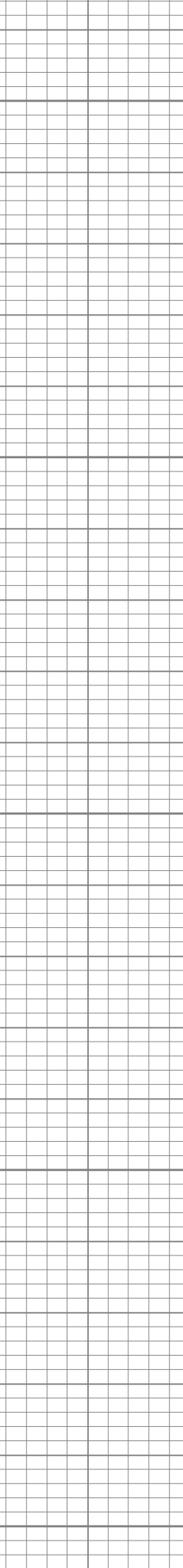
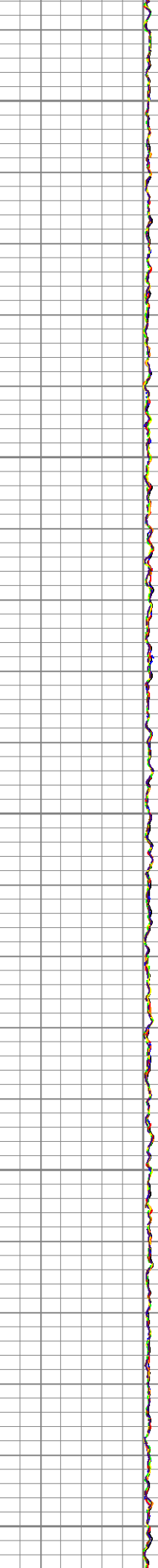
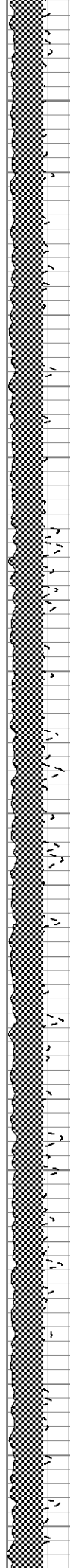
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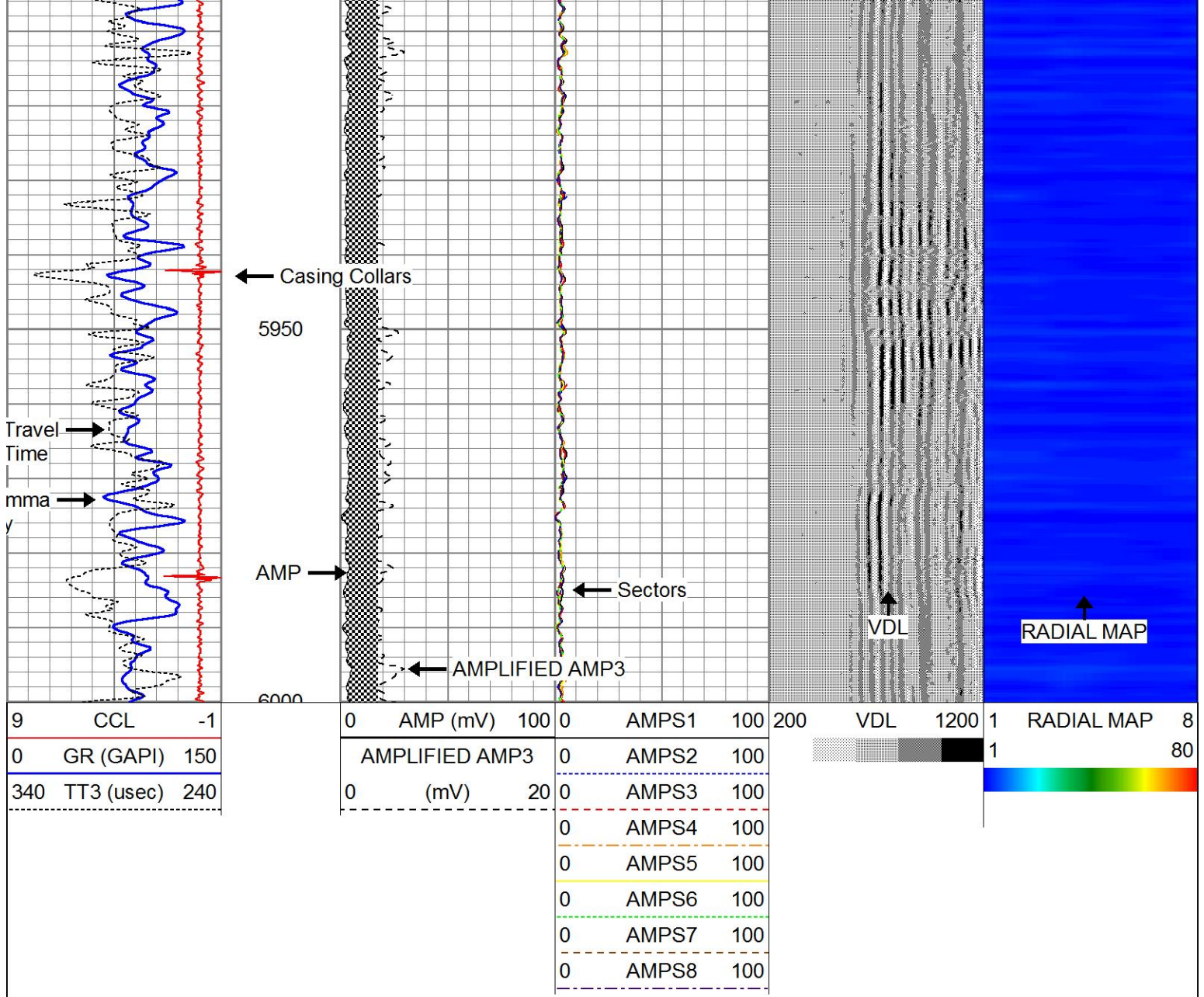
5750

5800

5850

5900





Calibration Report

Database File kuner 6-4-25.db
 Dataset Pathname pass28
 Dataset Creation Tue Apr 05 14:30:18 2022

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 101010

SHOP CALIBRATION

Wed Feb 27 07:52:48 2013

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6500			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
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Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 101020
 Tool Model: Probe
 Calibration Casing Diameter: 4.500 in
 Calibration Depth: 2842.383 ft

Master Calibration, performed Tue Apr 05 14:04:59 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.642	1.000	81.196	48.852	1.000
CAL	0.000	1.663				
5'	0.000	1.681	1.000	81.196	47.695	1.000
SUM						
S1	0.000	1.668	0.000	81.196	48.681	0.000
S2	0.000	1.668	0.000	81.196	48.687	0.000
S3	0.000	1.655	0.000	81.196	49.070	0.000
S4	0.000	1.662	0.000	81.196	48.868	0.000
S5	0.000	1.653	0.000	81.196	49.123	0.000
S6	0.000	1.640	0.000	81.196	49.512	0.000
S7	0.000	1.647	0.000	81.196	49.285	0.000
S8	0.000	1.657	0.000	81.196	48.998	0.000

Internal Reference Calibration, performed Tue Feb 12 12:45:01 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.663	1.000	0.000

Air Zero Calibration, performed Thu Feb 21 13:40:31 2013:

	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