

<<< Fold Here >>>

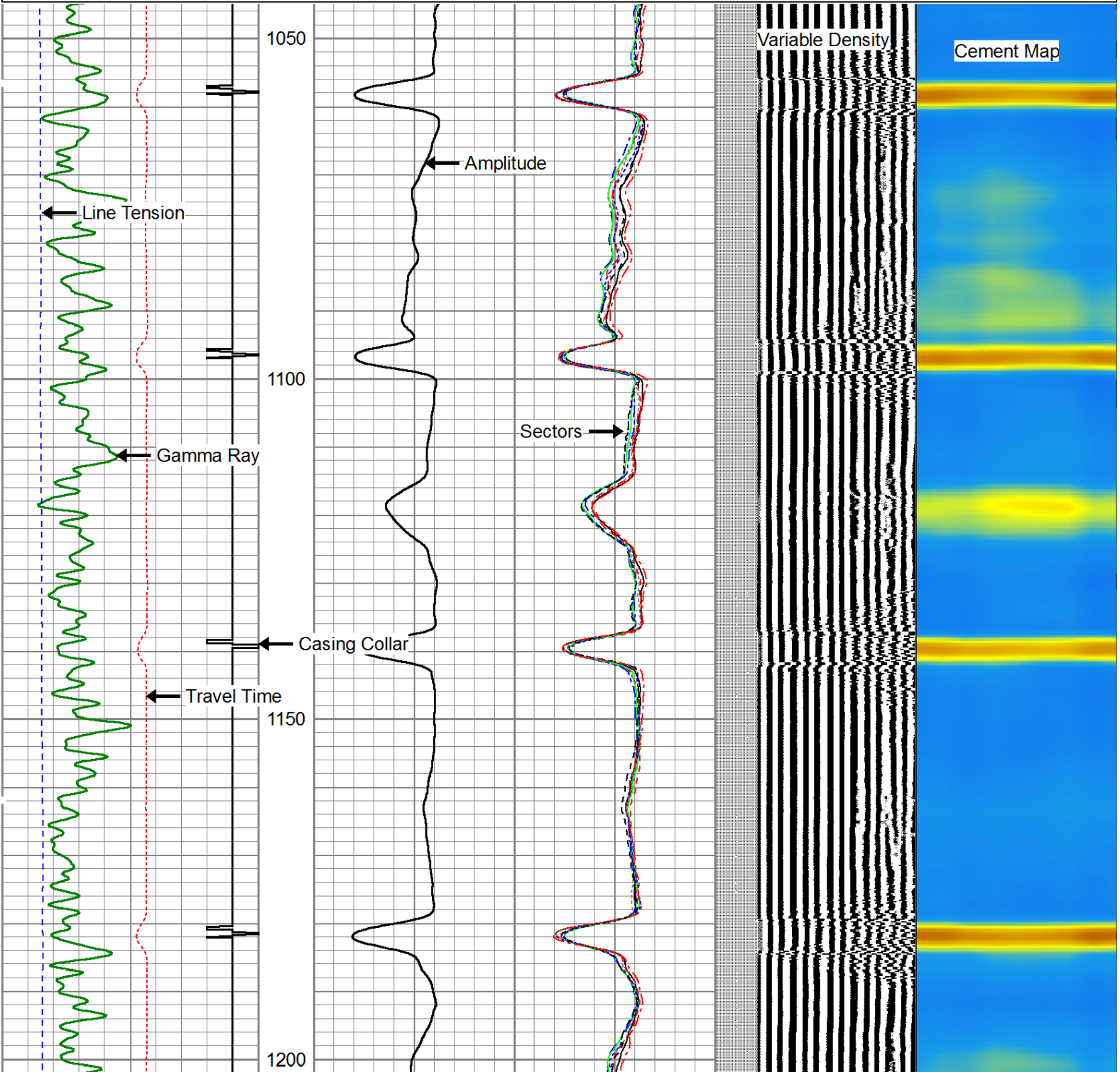
Comments

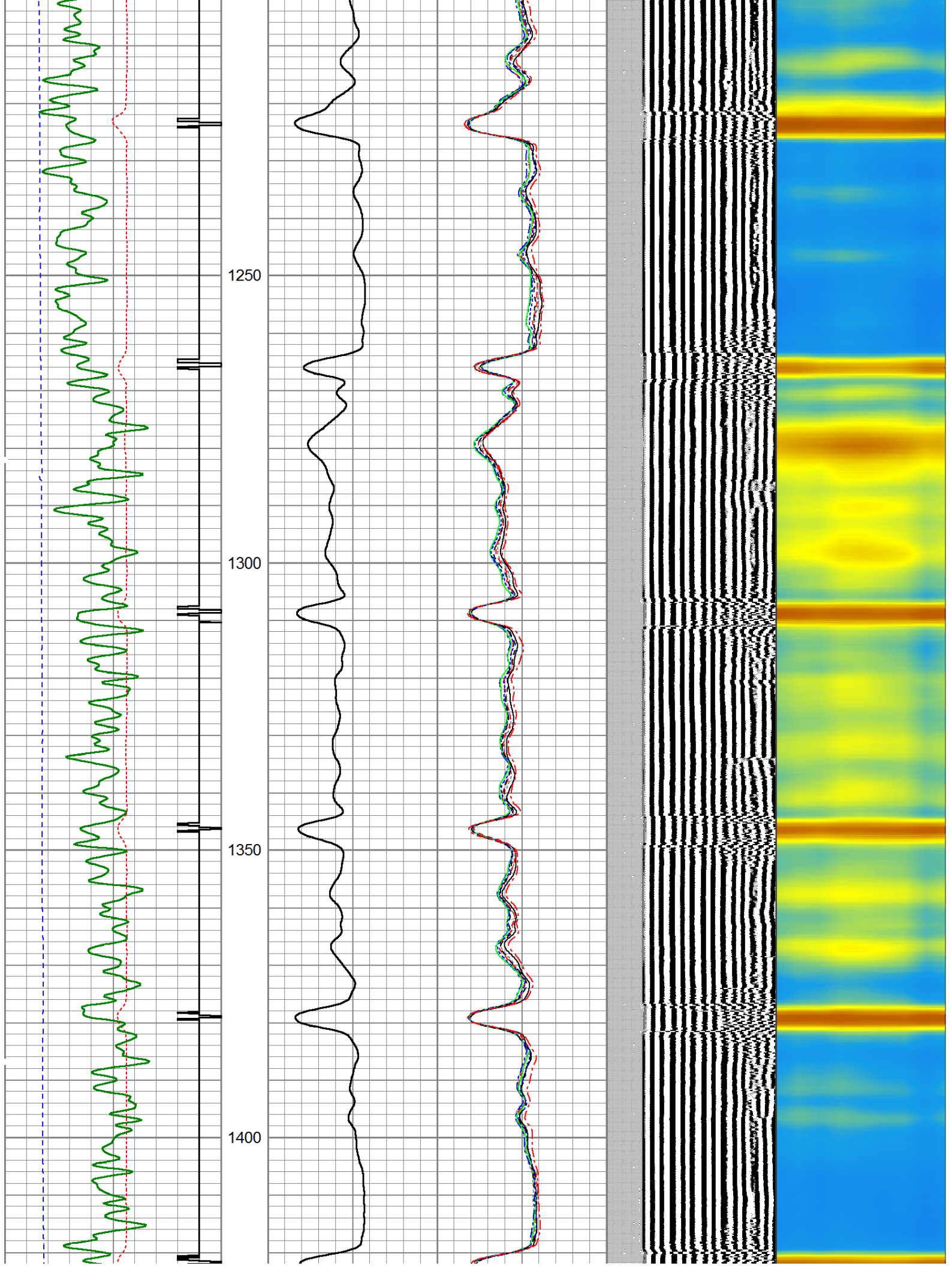
Thank you for using Allied Wireline.  
(303)659-4609

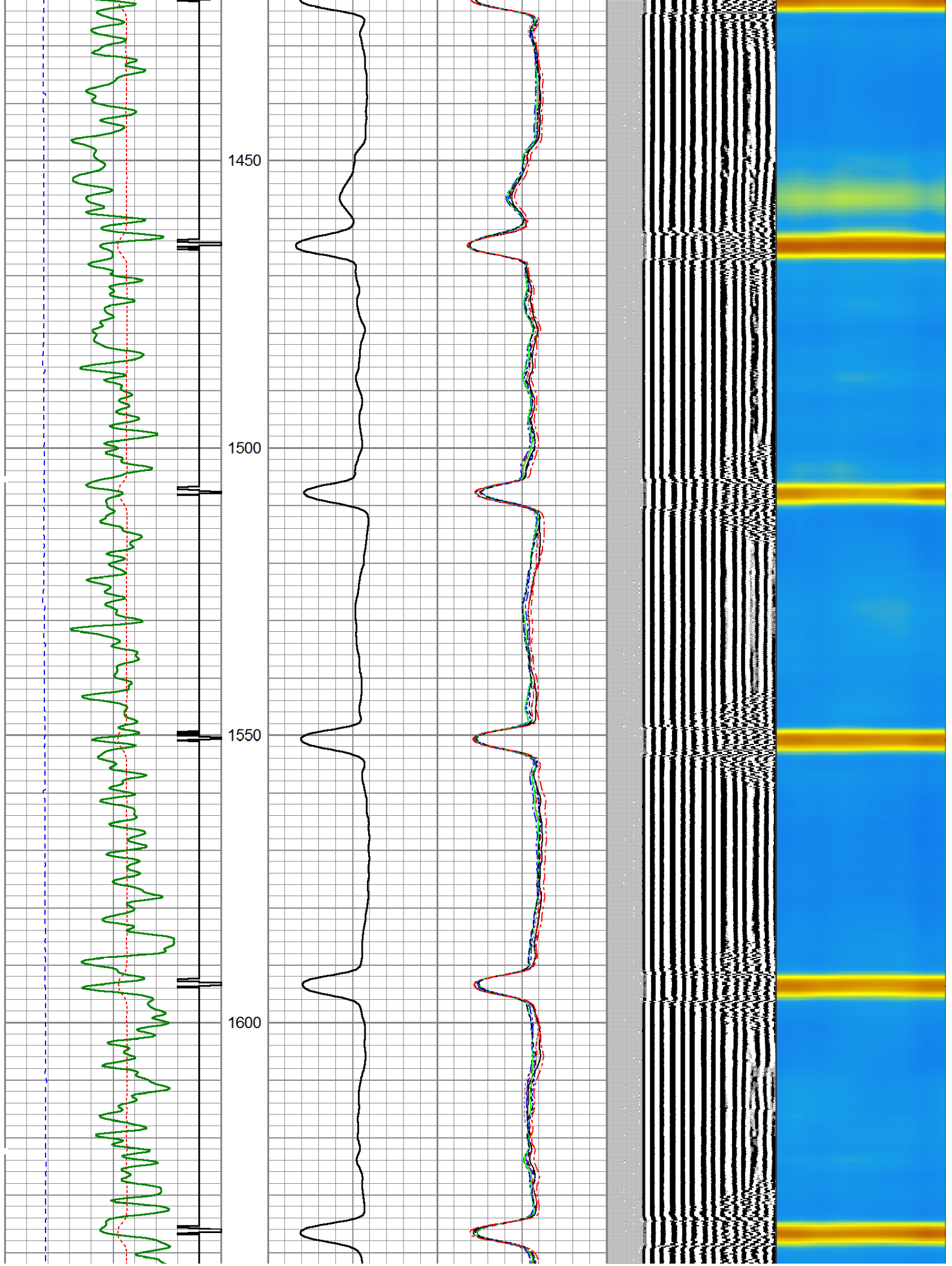


Database File: noble energy rohn state ld09-63hn.db  
Dataset Pathname: pass5.1  
Presentation Format: scbl03  
Dataset Creation: Fri Nov 22 11:18:25 2013 by Calc 0  
Charted by: Depth in Feet scaled 1:240

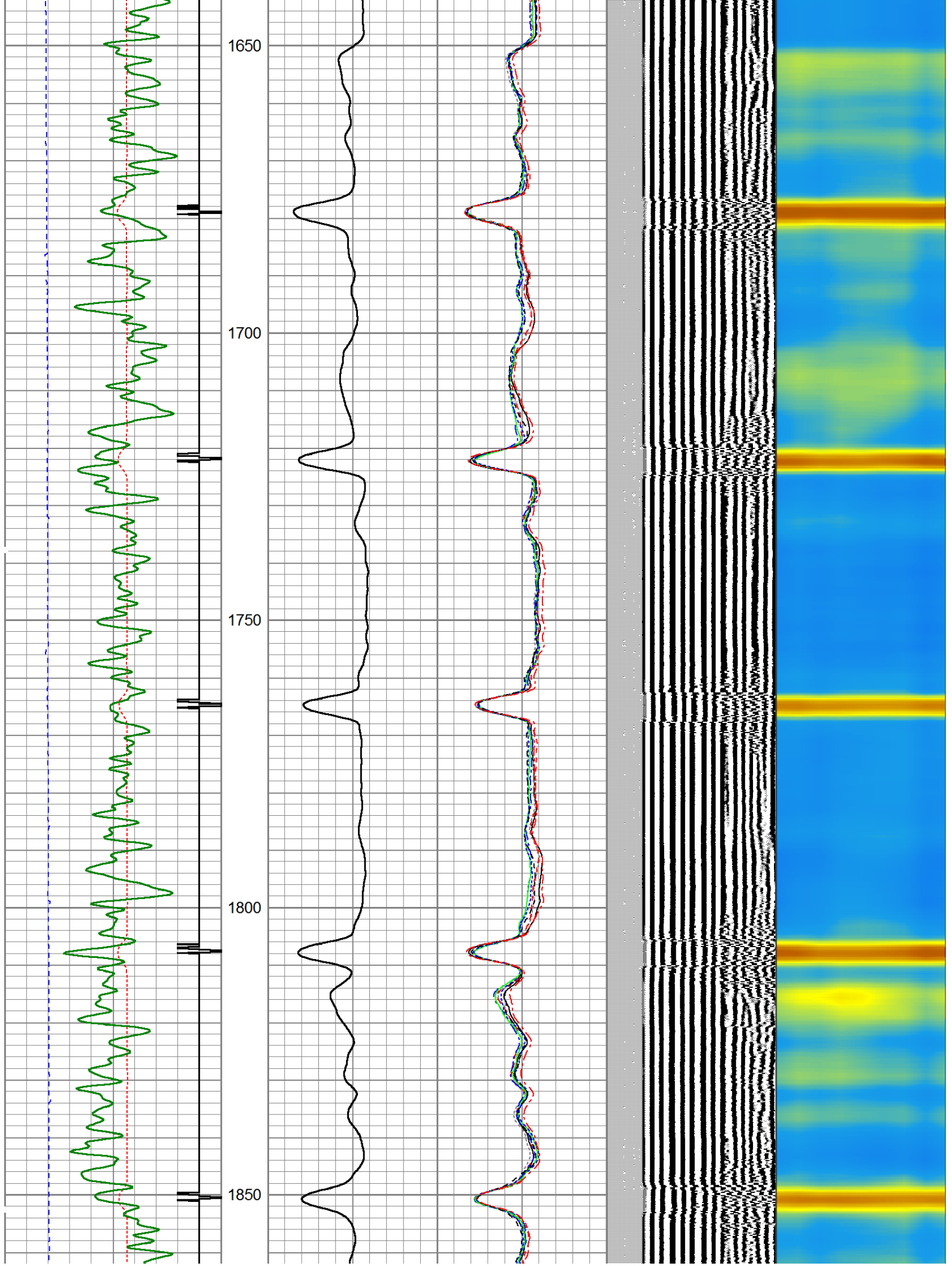
400	Travel Time (usec)	200	0	Amplitude (mV)	100	-5	AMPS1	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1		Amplified Amplitude		-5	AMPS2	150	200	1200	0	100
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	AMPS3	150				
0	Line Tension (lb)	2000				-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				

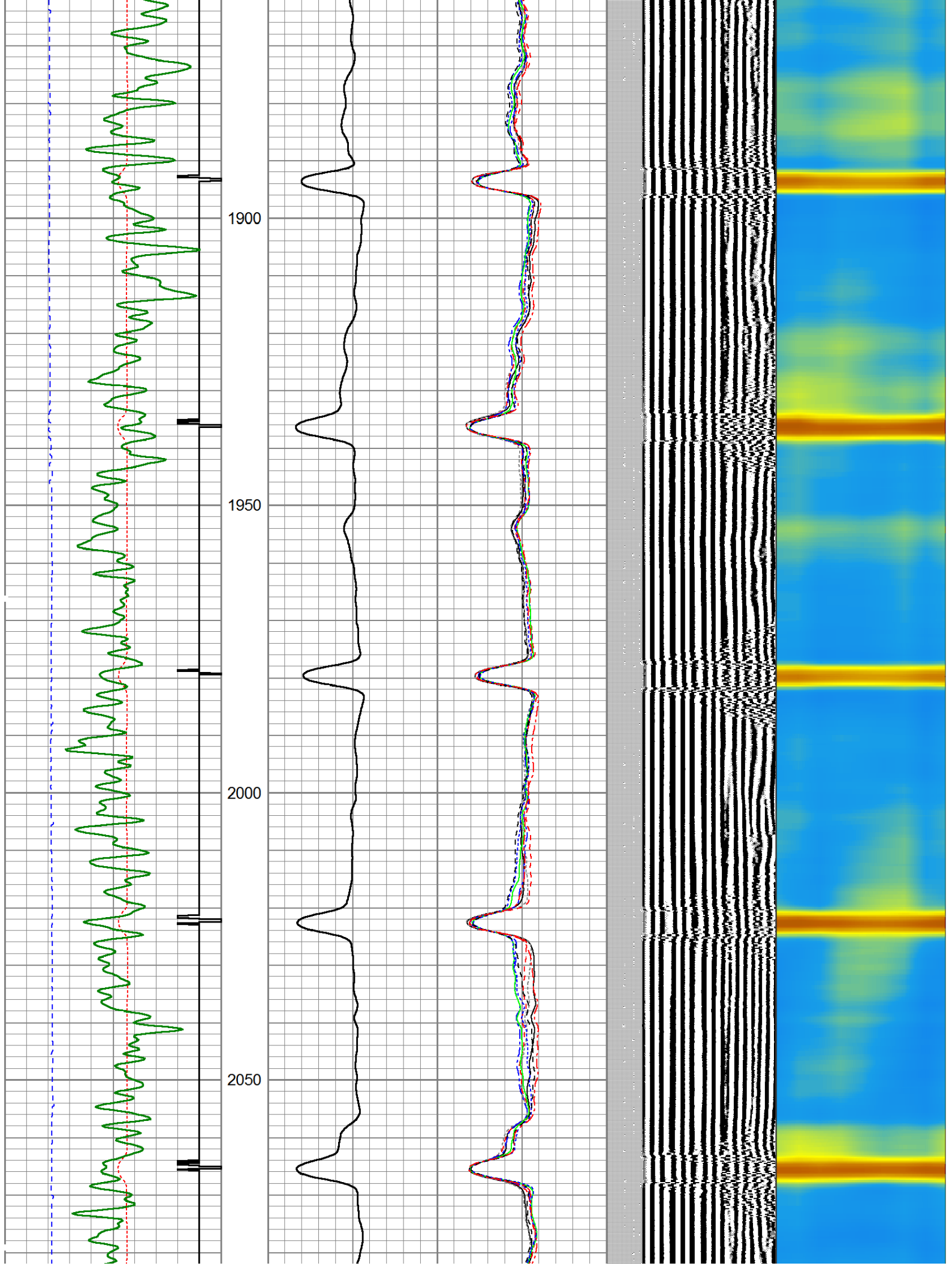


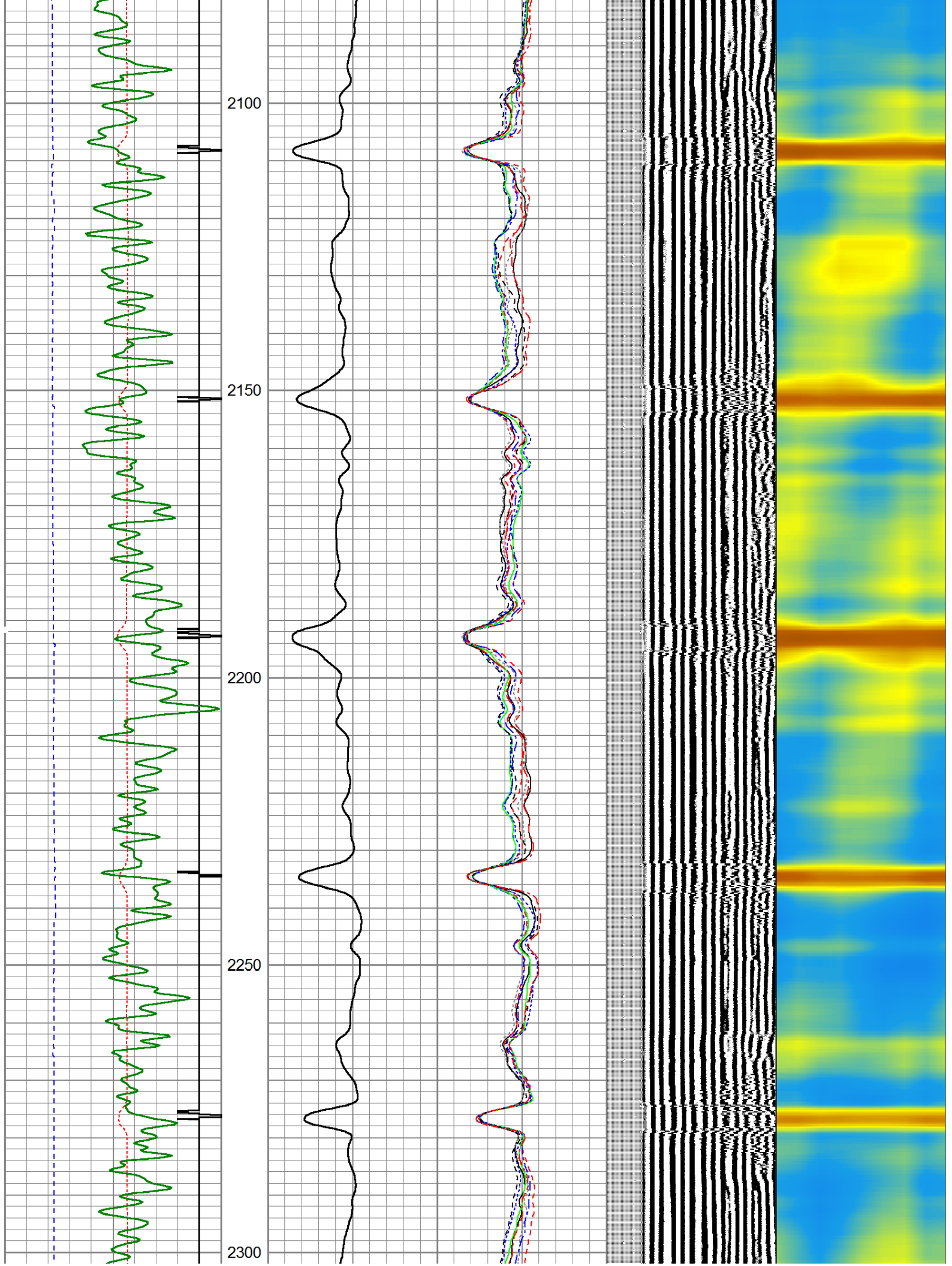




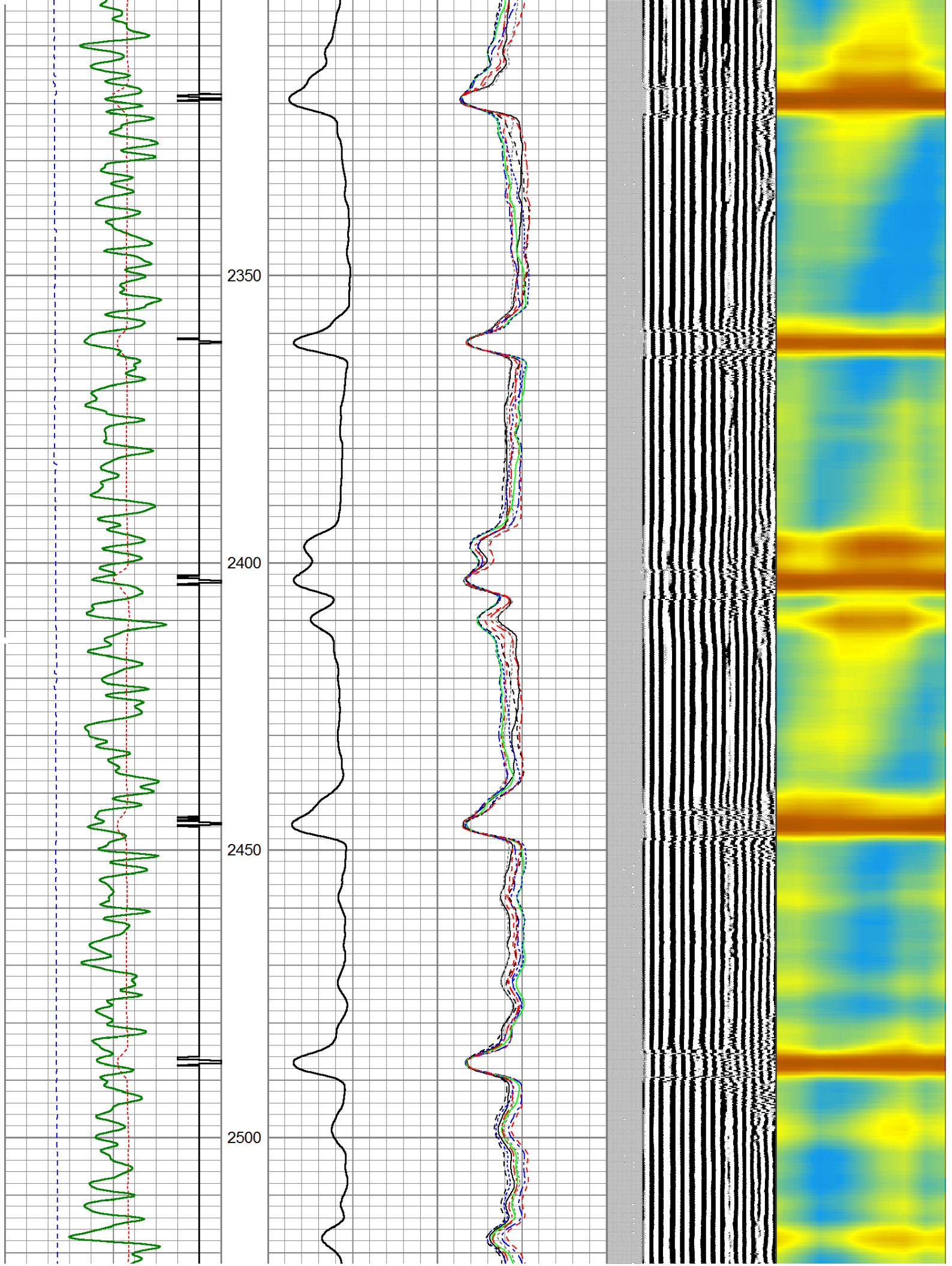




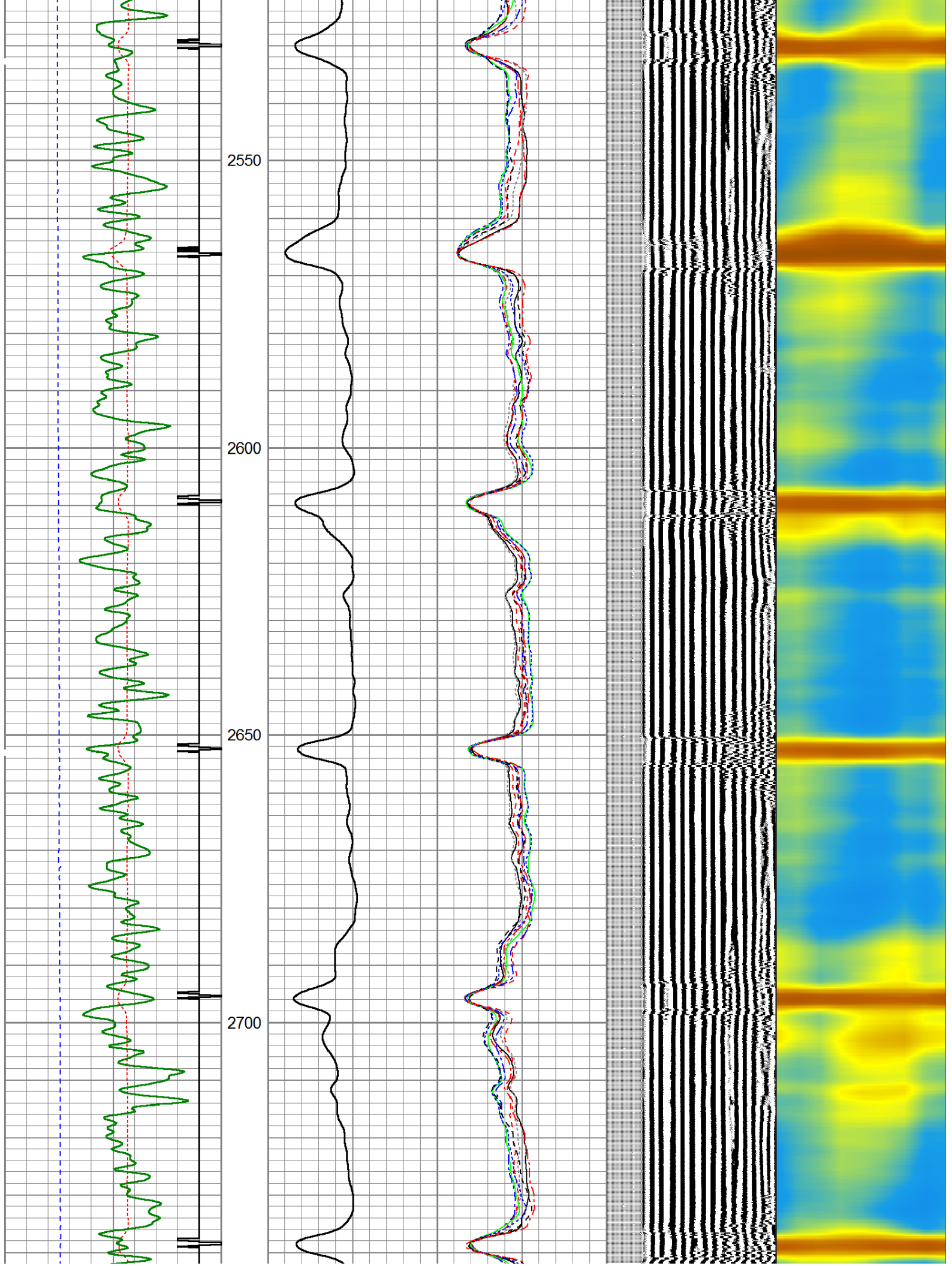


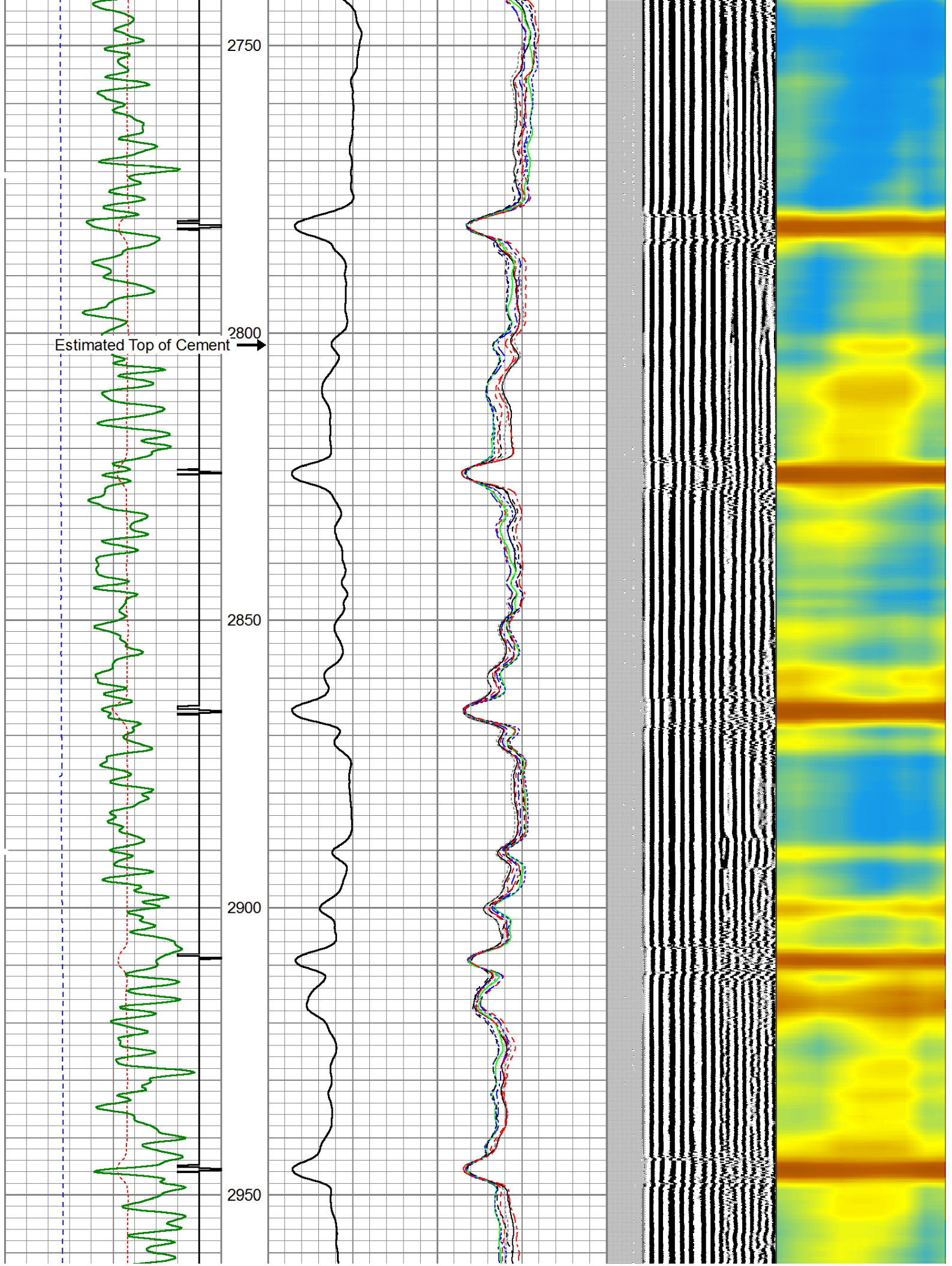


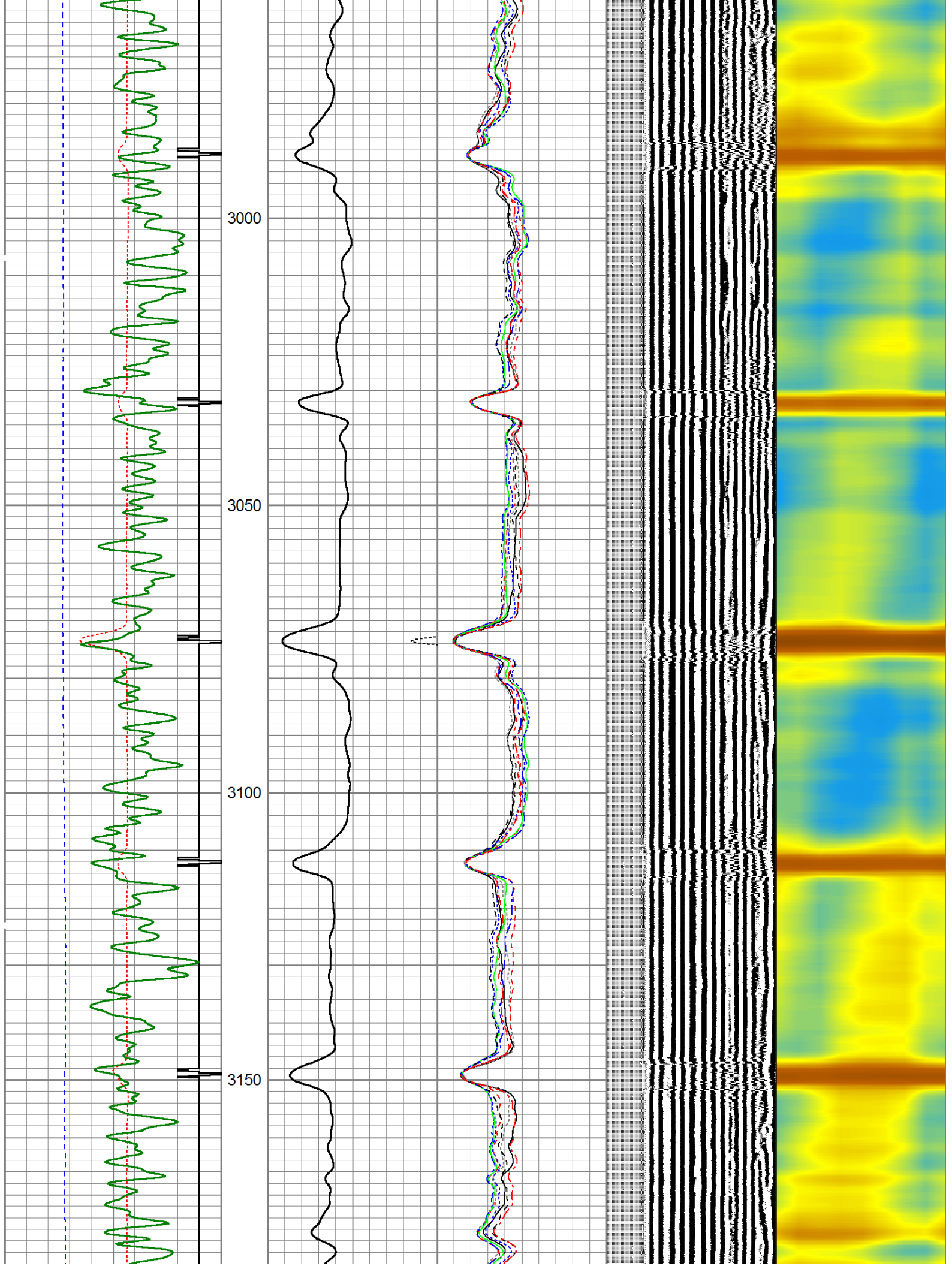




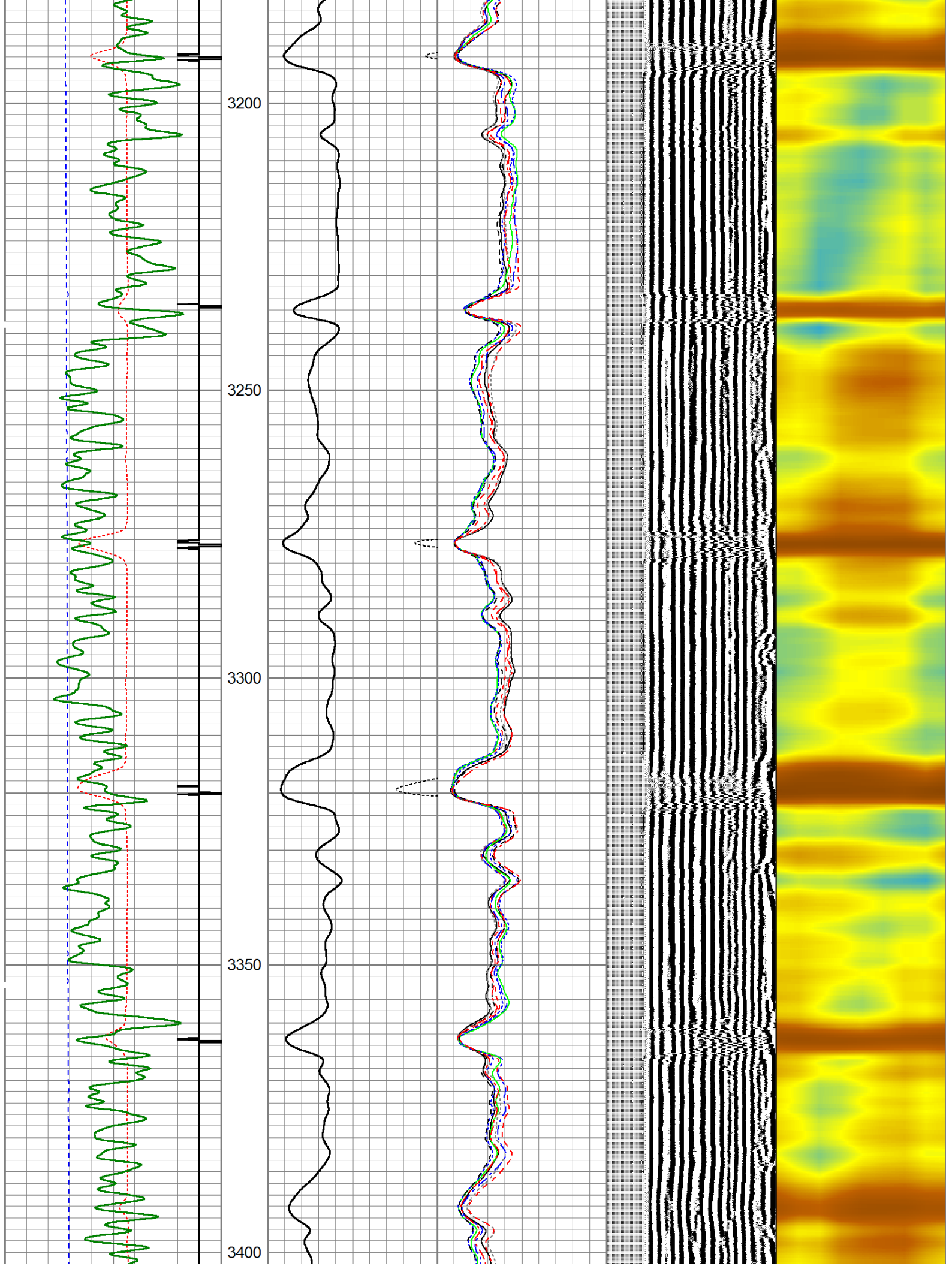


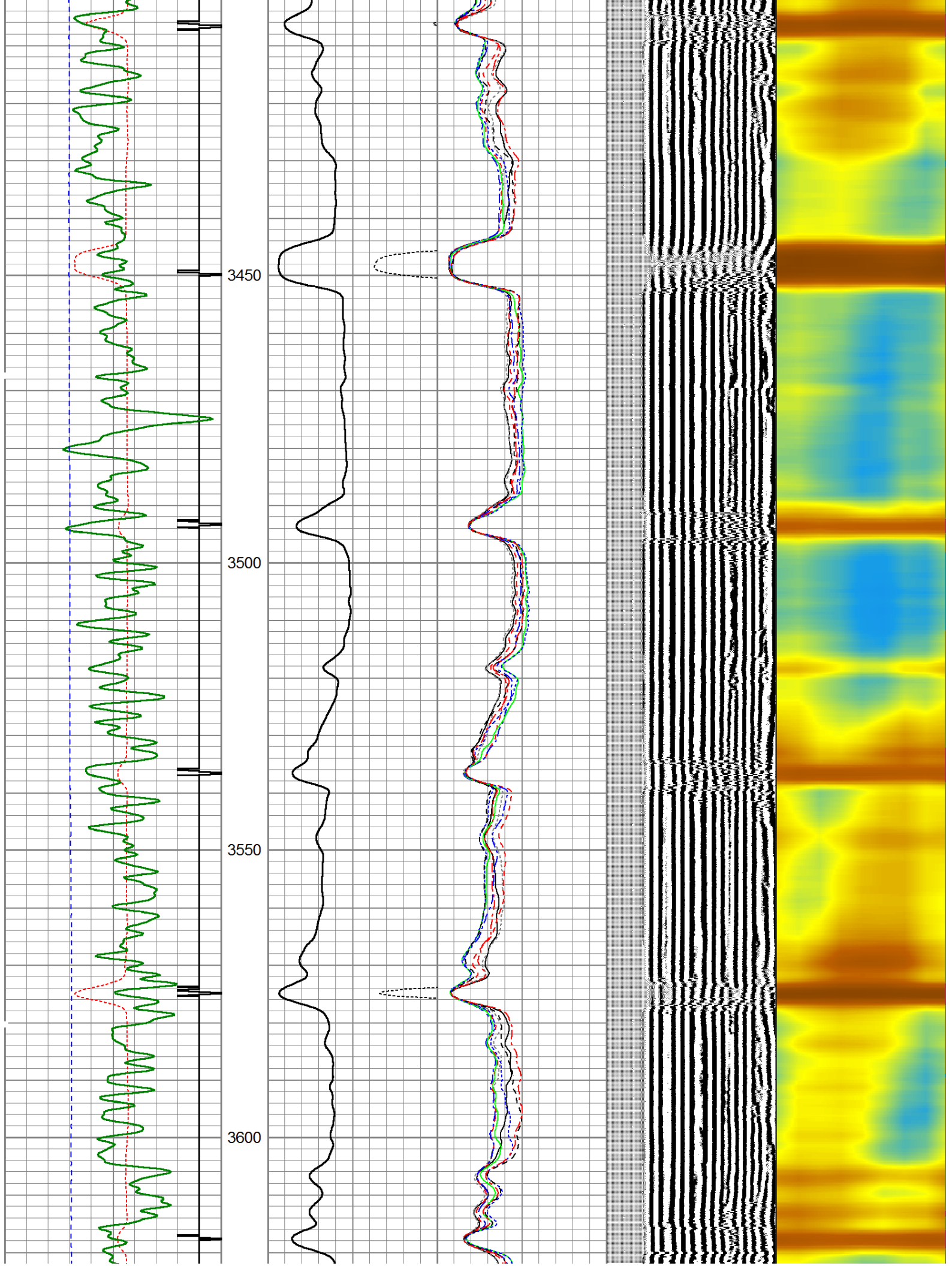


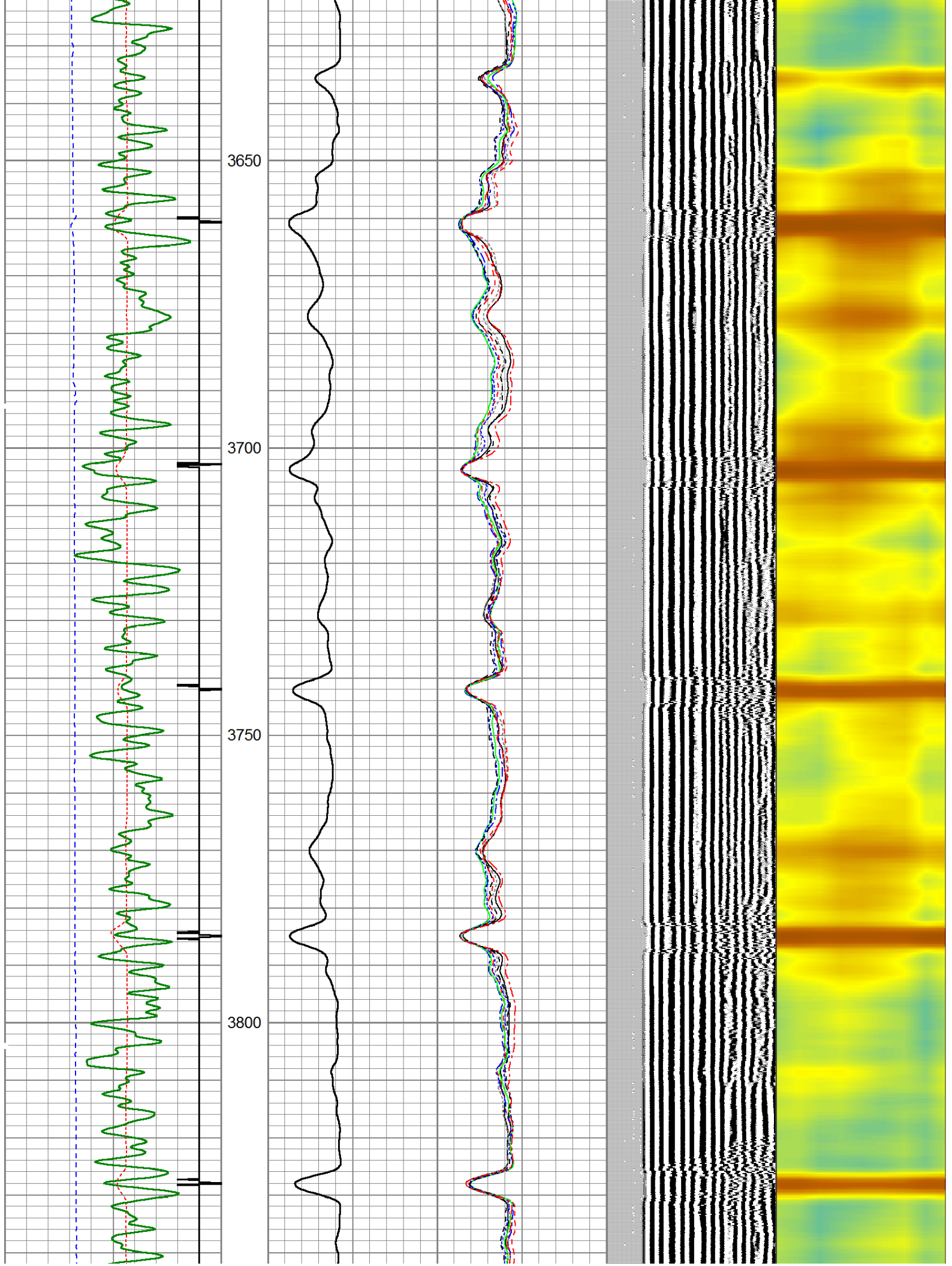




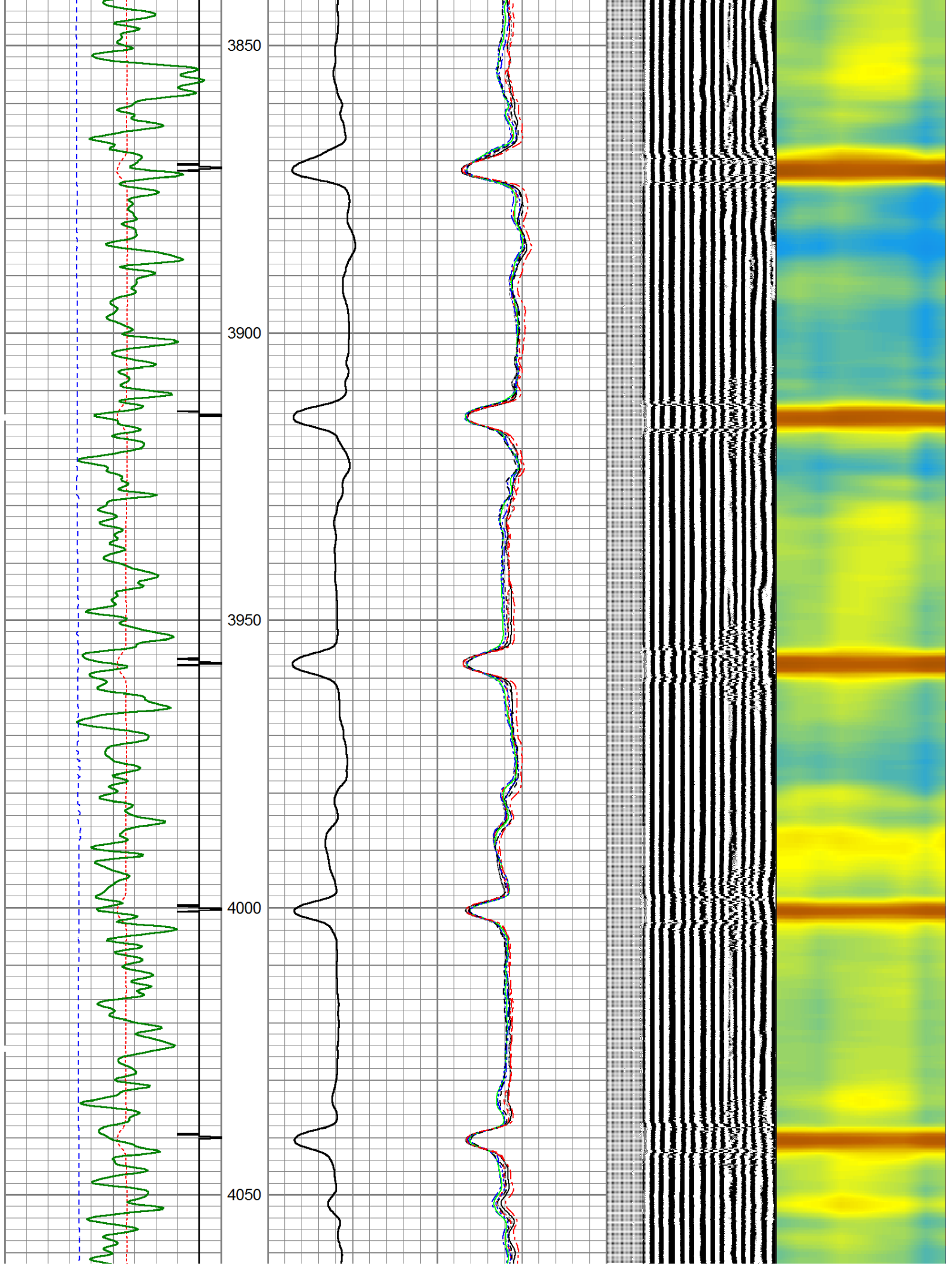


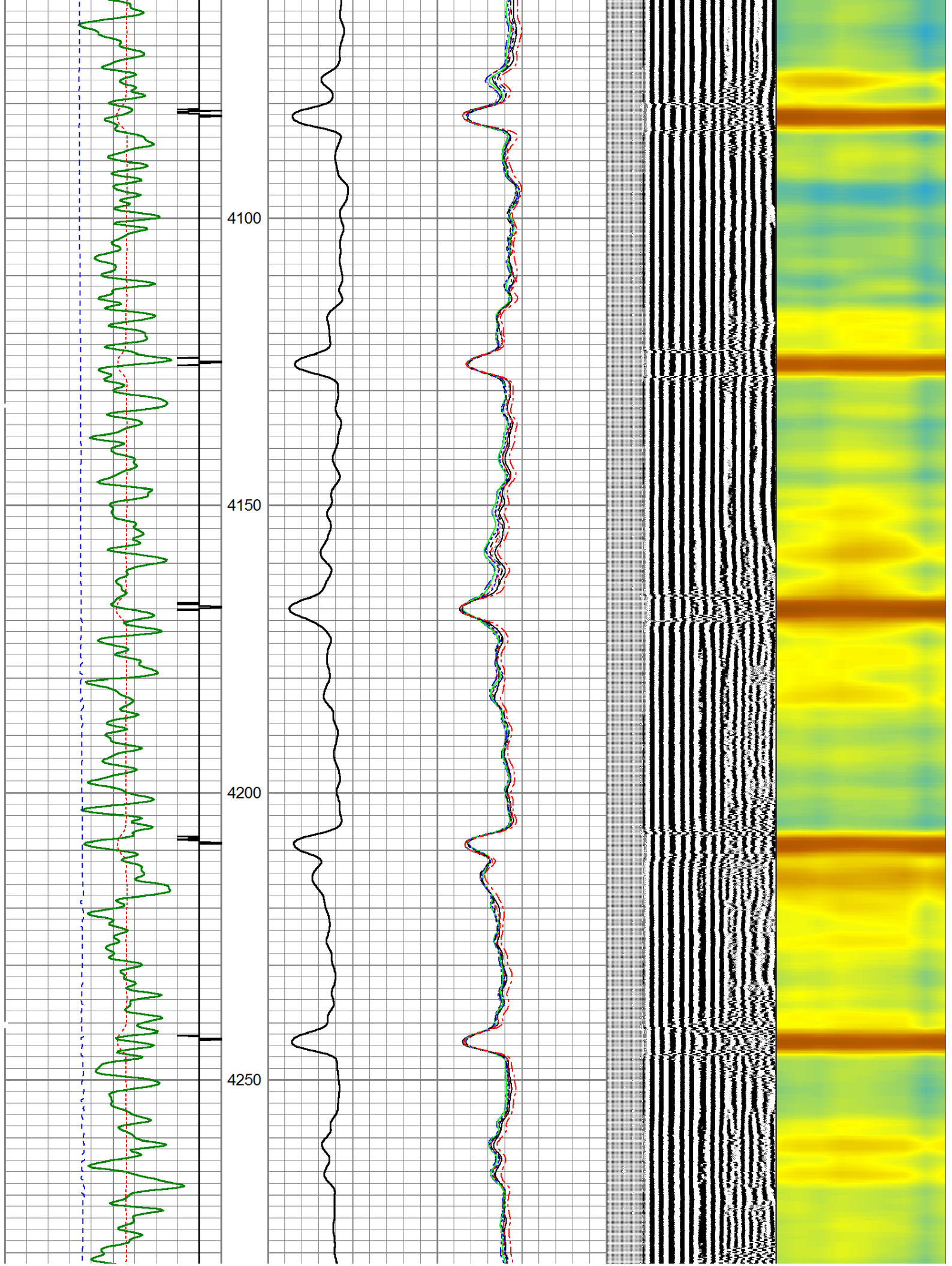


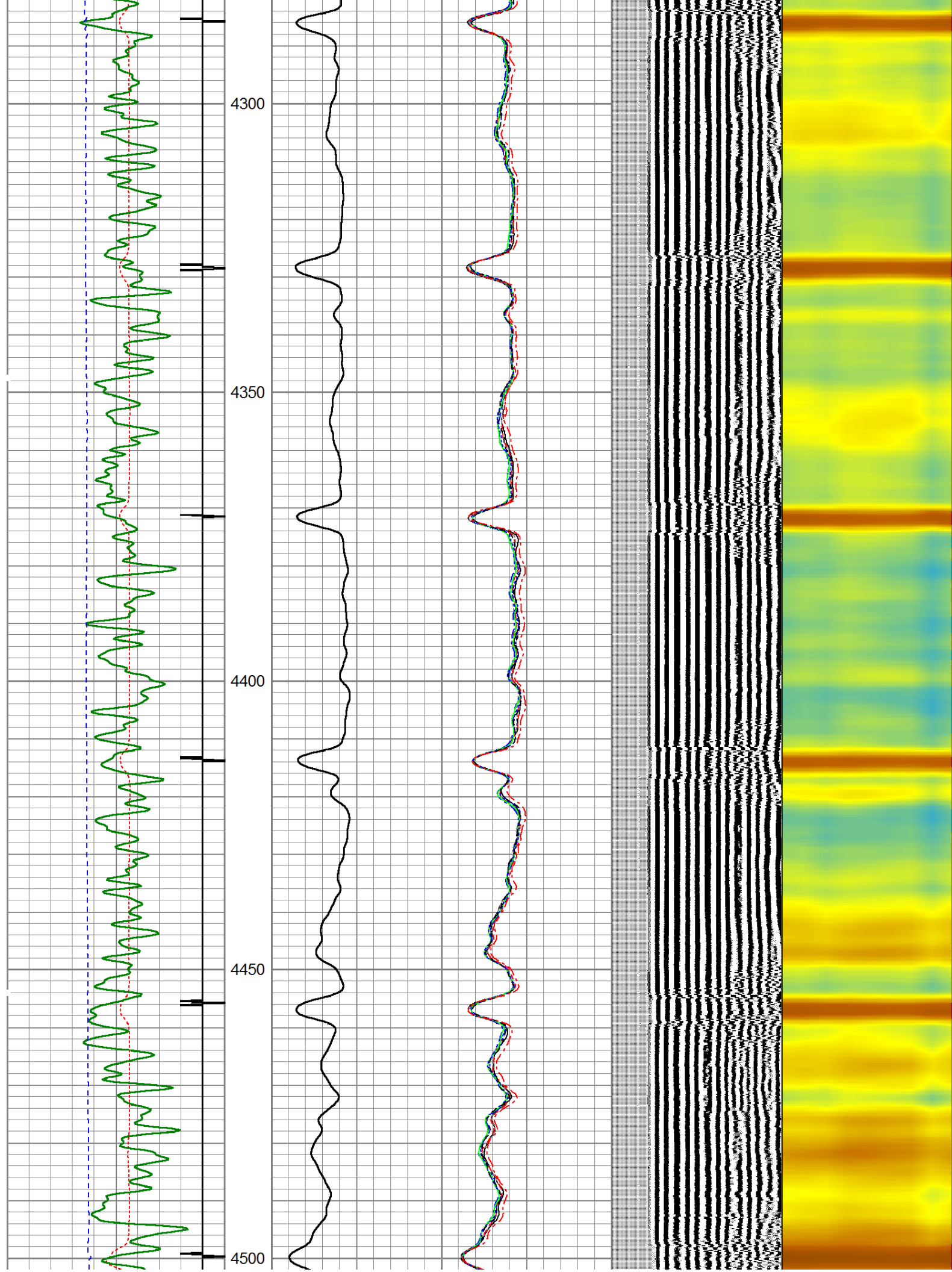




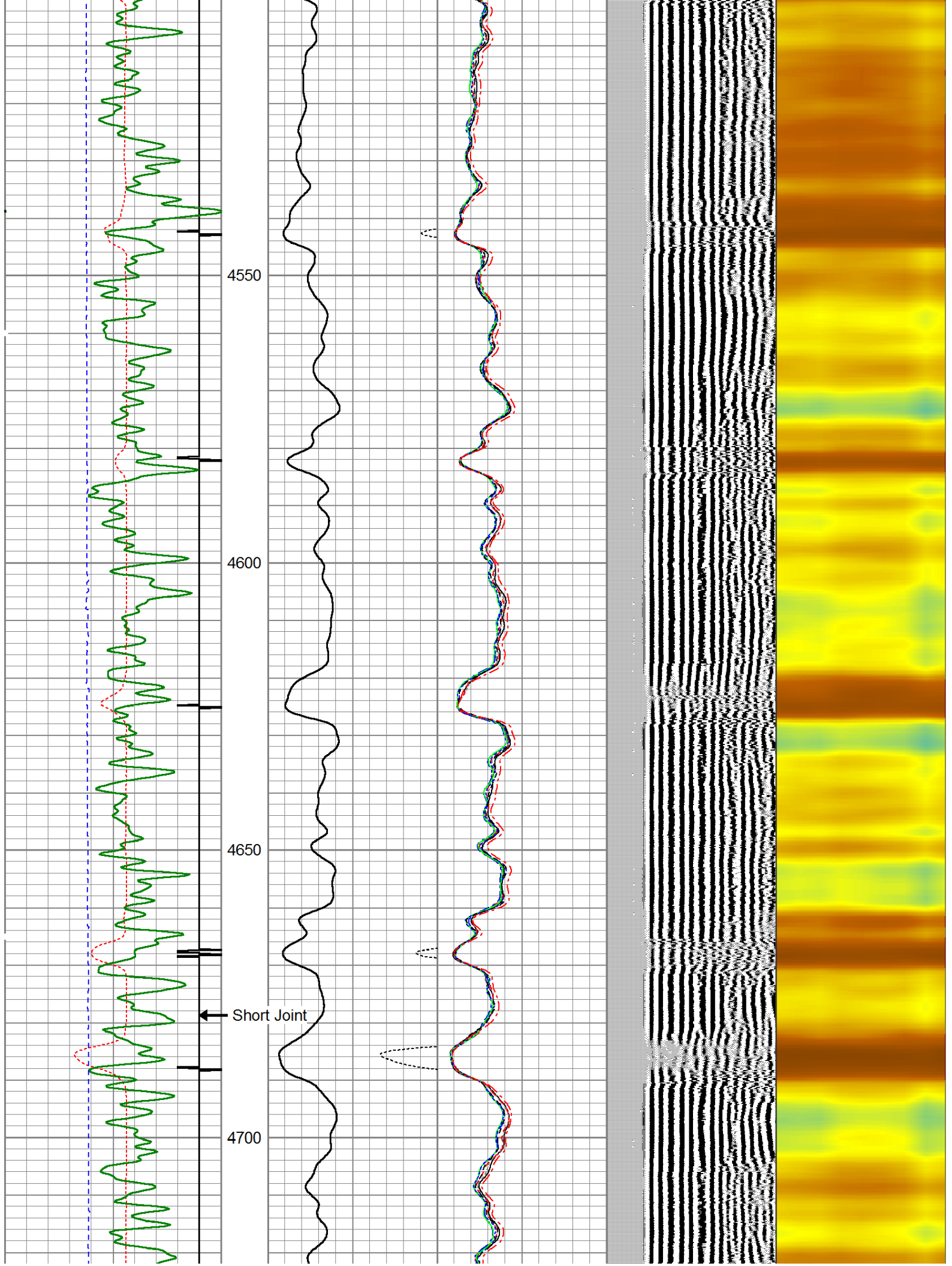


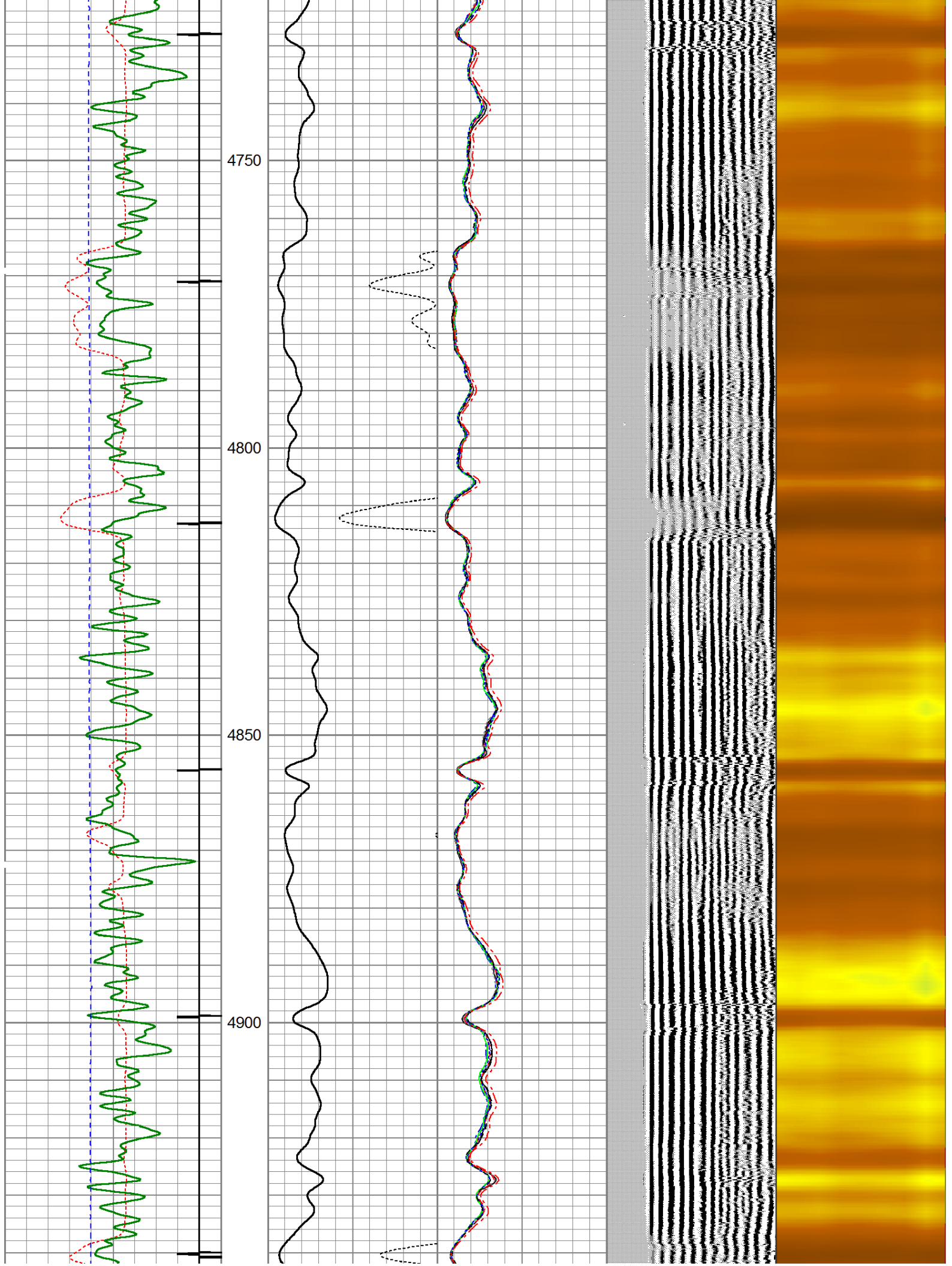


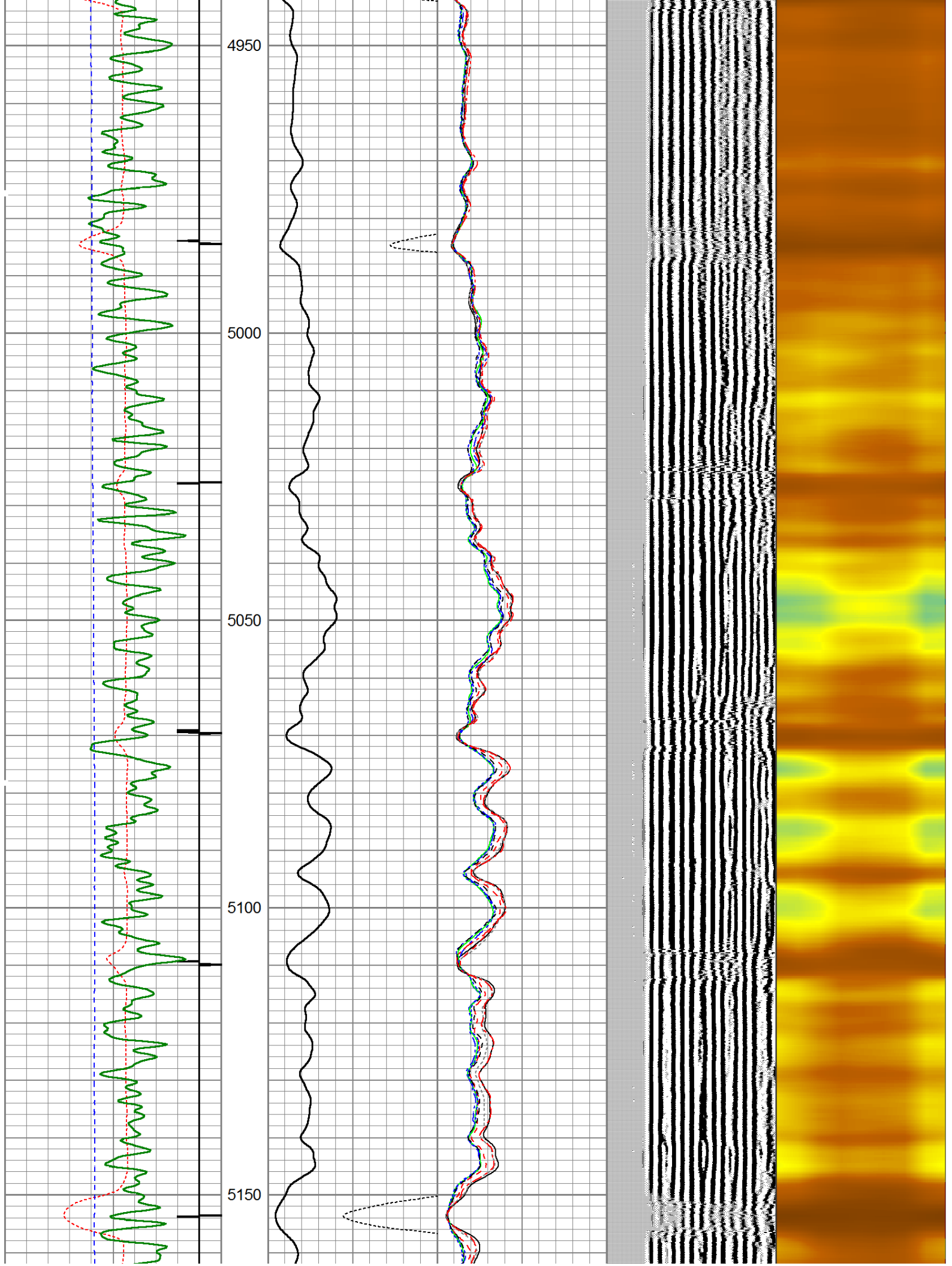




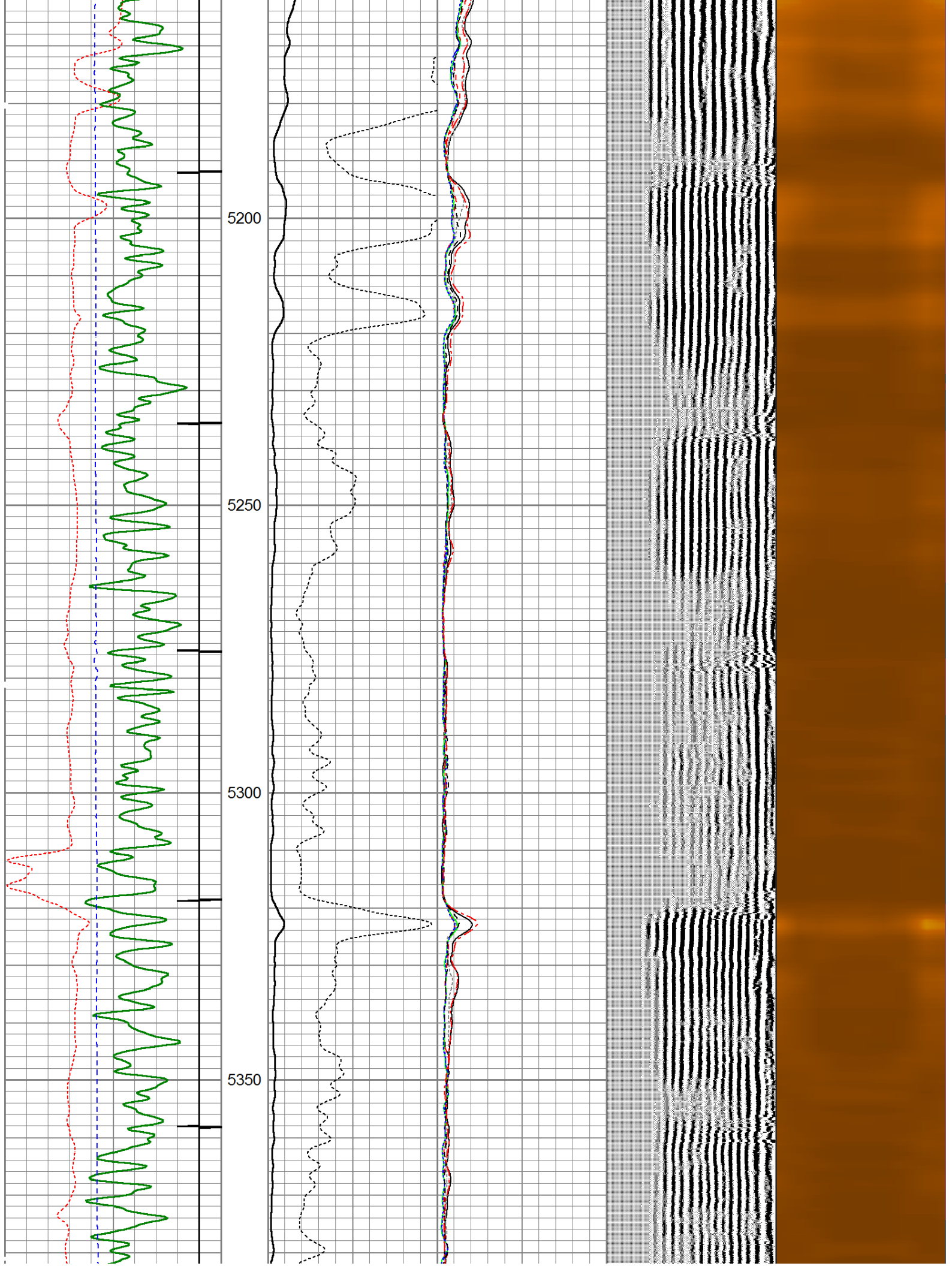


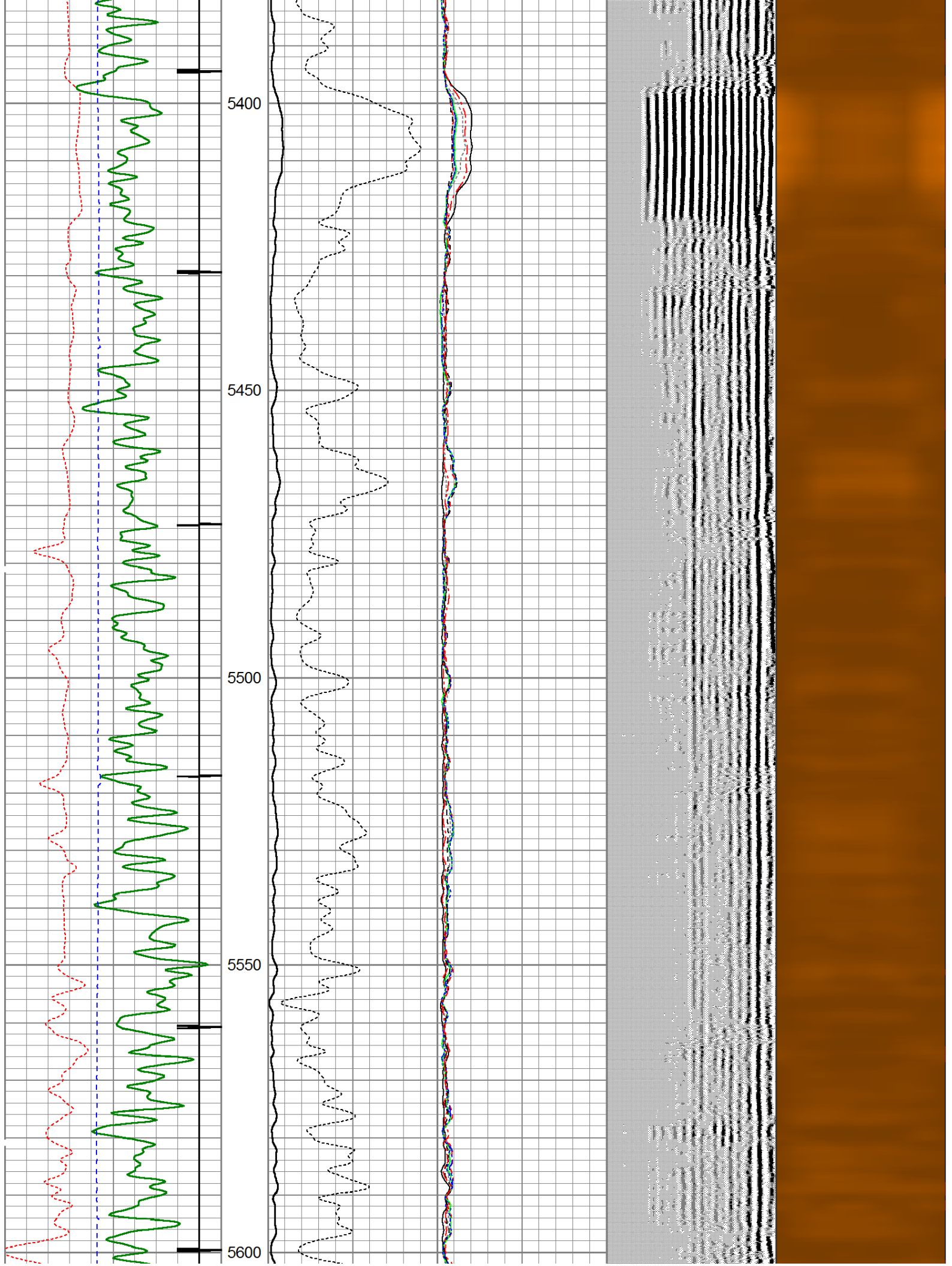




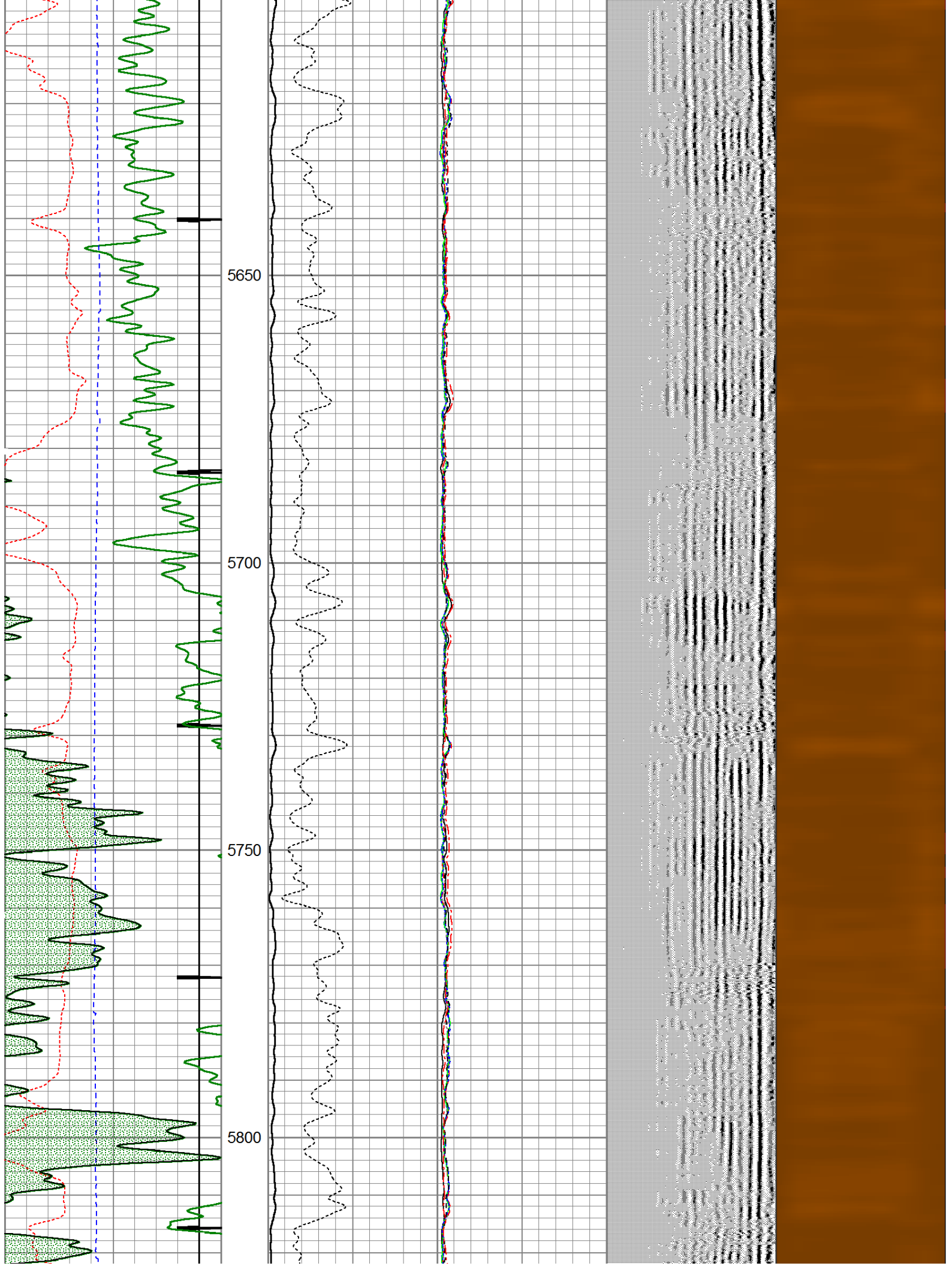




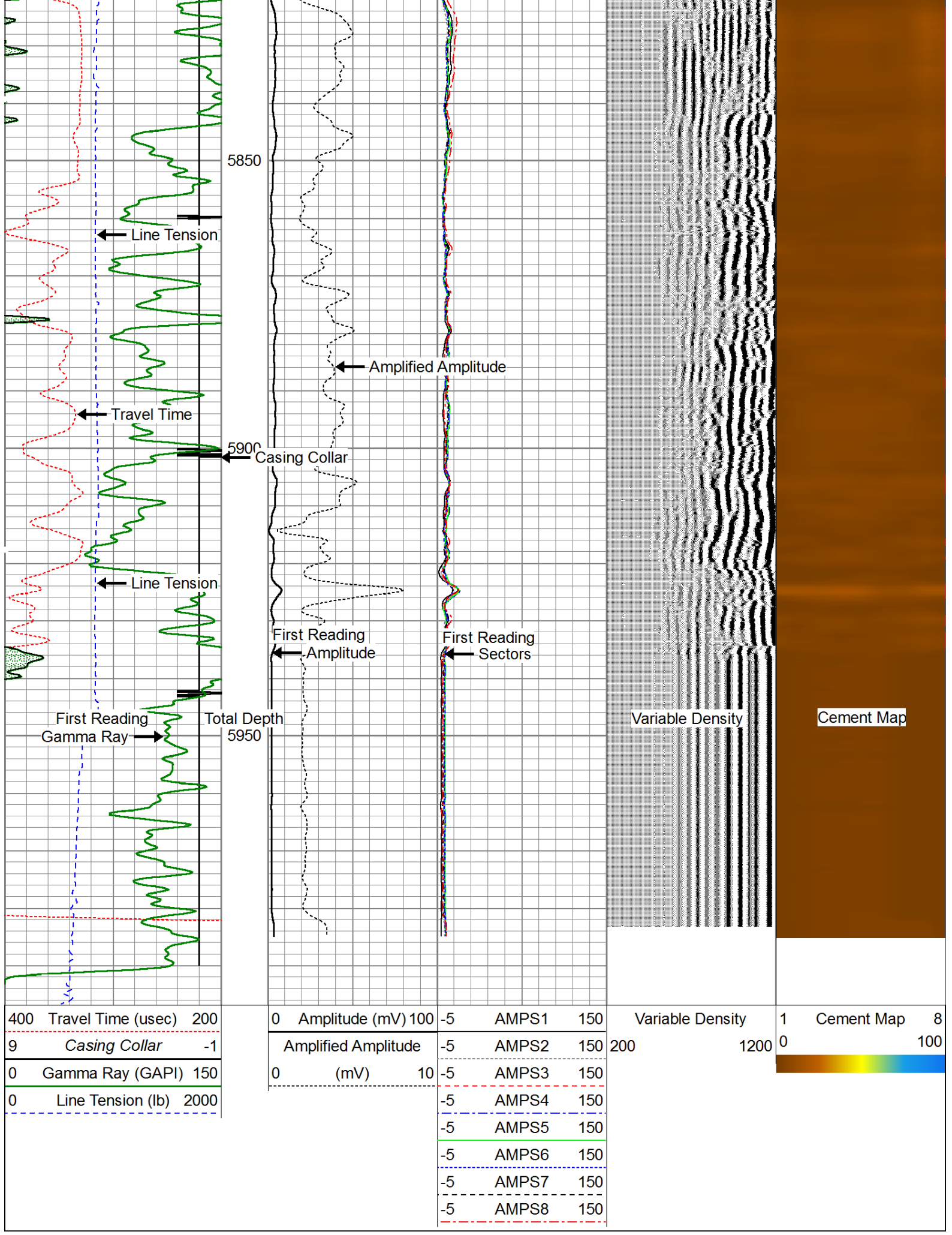












400	Travel Time (usec)	200
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
0	Line Tension (lb)	2000

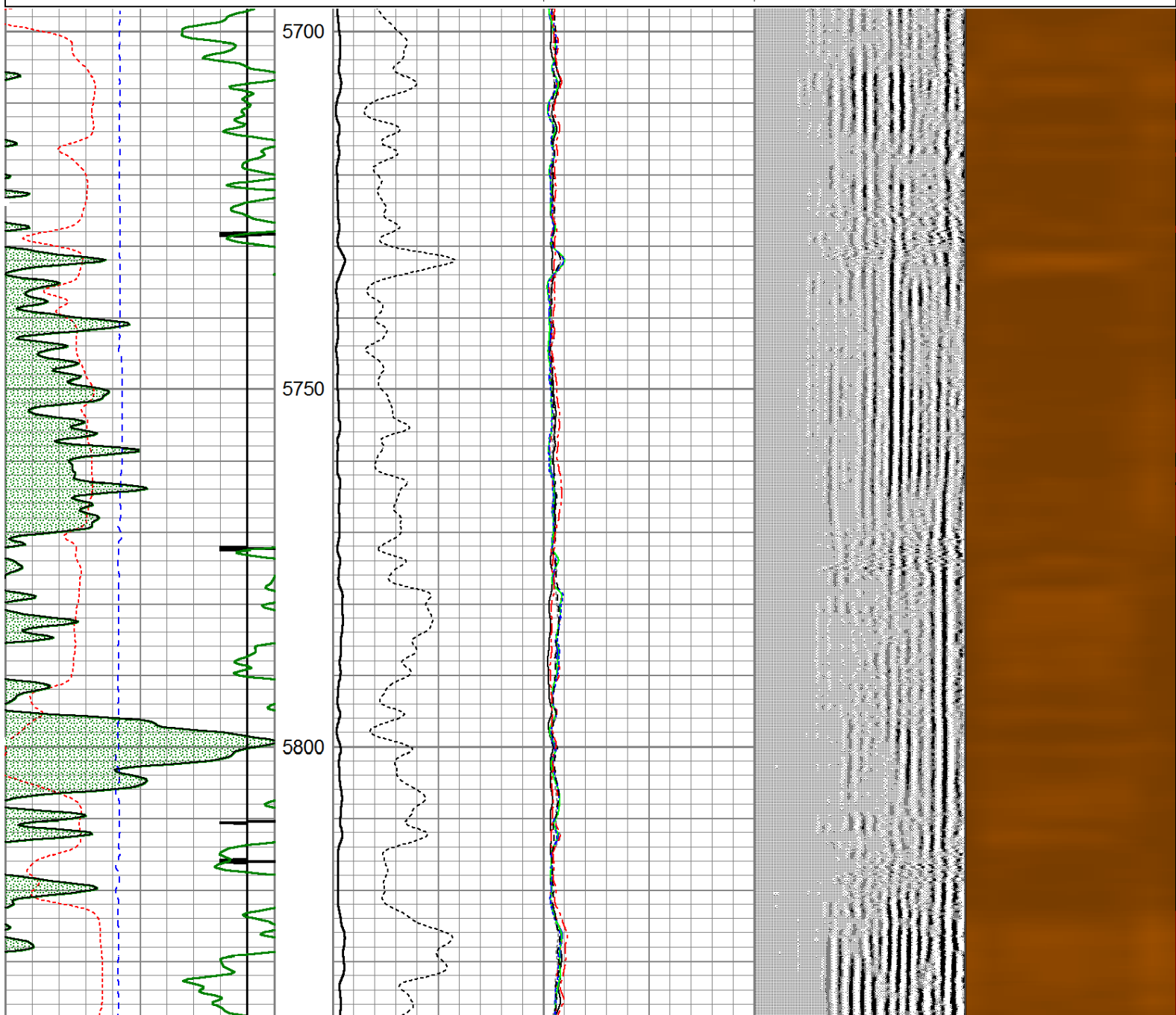
0	Amplitude (mV)	100	-5	AMPS1	150
	Amplified Amplitude		-5	AMPS2	150
0	(mV)	10	-5	AMPS3	150
			-5	AMPS4	150
			-5	AMPS5	150
			-5	AMPS6	150
			-5	AMPS7	150
			-5	AMPS8	150

Variable Density		1	Cement Map	8
200	1200	0		100

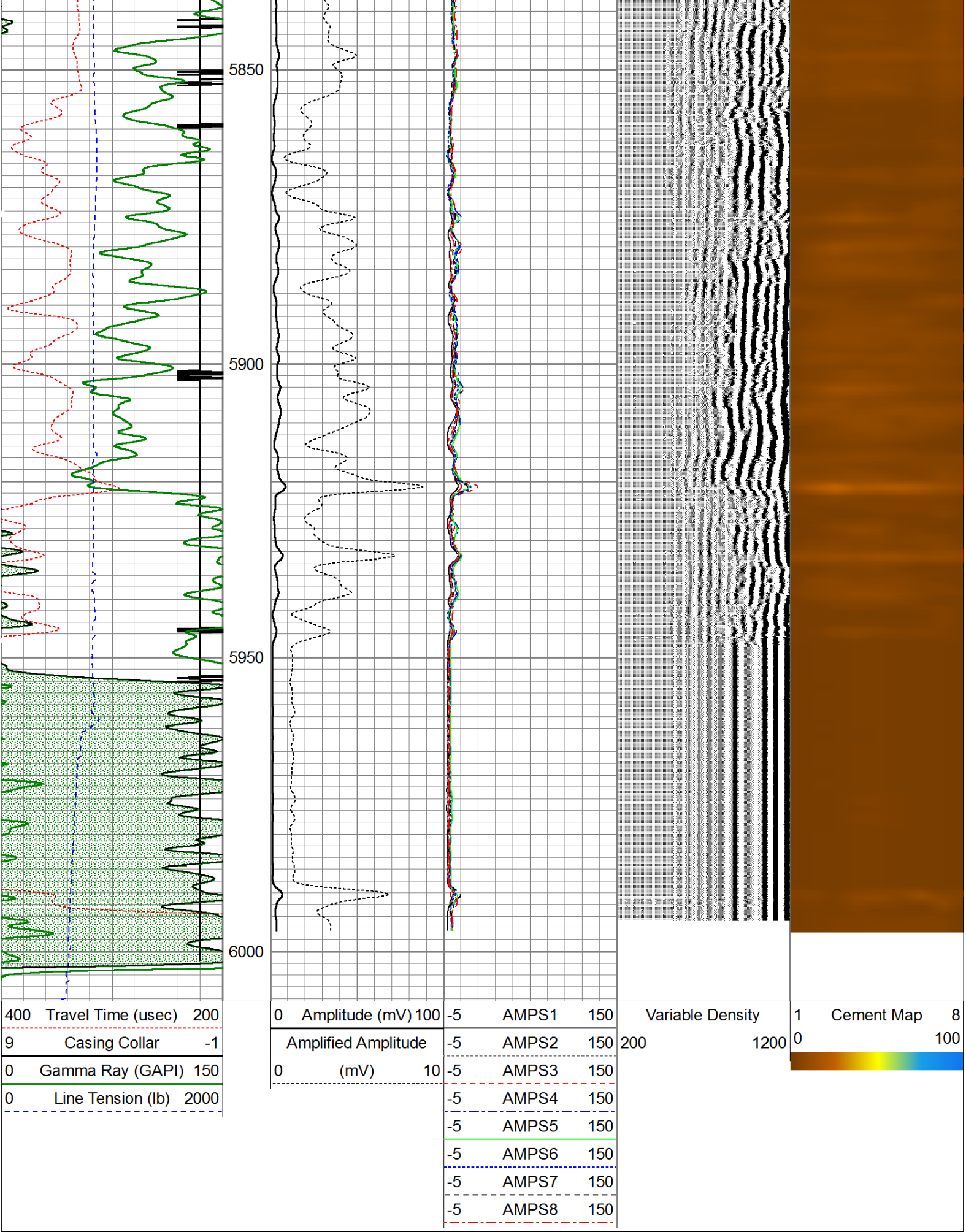


Database File: noble energy rohn state ld09-63hn.db  
 Dataset Pathname: pass3  
 Presentation Format: scbl03  
 Dataset Creation: Fri Nov 22 08:09:29 2013 by Log 0  
 Charted by: Depth in Feet scaled 1:240

400	Travel Time (usec)	200	0	Amplitude (mV)	100	-5	AMPS1	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1		Amplified Amplitude		-5	AMPS2	150		0		100
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	AMPS3	150				
0	Line Tension (lb)	2000				-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				









Database File: noble energy rohn state ld09-63hn.db  
Dataset Pathname: pass5.1  
Dataset Creation: Fri Nov 22 11:18:25 2013 by Calc 0

### Gamma Ray Calibration Report

Serial Number: 110108-Dig  
Tool Model: Probe275  
Performed: Wed Nov 20 14:47:41 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
Calibrator Reading: 1.0 cps

Sensitivity: 0.8500 GAPI/cps

### Temperature Calibration Report

Serial Number: 110108-Dig  
Tool Model: Probe275  
Performed: Sun Jun 13 13:33:21 1993

	Reference	Reading
Low Reference:	0.00 degF	0.00 cps
High Reference:	1.00 degF	1.00 cps
Gain:	1.00	
Offset:	0.00	
Delta Spacing	2	

### Segmented Cement Bond Log Calibration Report

Serial Number: 111107  
Tool Model: Probe

Calibration Casing Diameter: 7.000 in  
Calibration Depth: 1039.783 ft

Master Calibration, performed Fri Nov 22 07:49:43 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.026	0.613	1.000	62.165	95.724	3.495
CAL	-0.030	0.884				
5'	-0.022	0.565	1.000	62.165	104.204	3.316
SUM						
S1	-0.016	0.675	0.000	100.000	144.699	-1.323
S2	-0.013	0.716	0.000	100.000	127.185	1.815
S3	-0.020	0.700	0.000	100.000	128.826	2.788
S4	-0.019	0.656	0.000	100.000	130.204	2.793
S5	-0.019	0.592	0.000	100.000	143.663	3.121
S6	-0.018	0.545	0.000	100.000	157.377	3.274
S7	-0.020	0.522	0.000	100.000	164.268	3.732
S8	-0.019	0.546	0.000	100.000	177.140	3.326

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.030	0.884	1.000	0.000

	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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Titan Cable_head	1.00	1.44	10.00
			Probe275 2.75" Centralizer	2.88	2.75	20.00
WVF3FT	14.72		RBT-Probe (111107) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	90.00
WVFCAL	14.72					
WVFS1	14.72					
WVFS2	14.72					
WVFS3	14.72					
WVFS4	14.72					
WVFS5	14.72					
WVFS6	14.72					
WVFS7	14.72					
WVFS8	14.72					
WVF5FT	13.72					
			Probe275 2.75" Centralizer	2.88	2.75	20.00
CCL	6.75					
TEMP	5.88					
GR	5.42		GR-Probe275 (110108-Dig)	4.78	2.75	57.00

