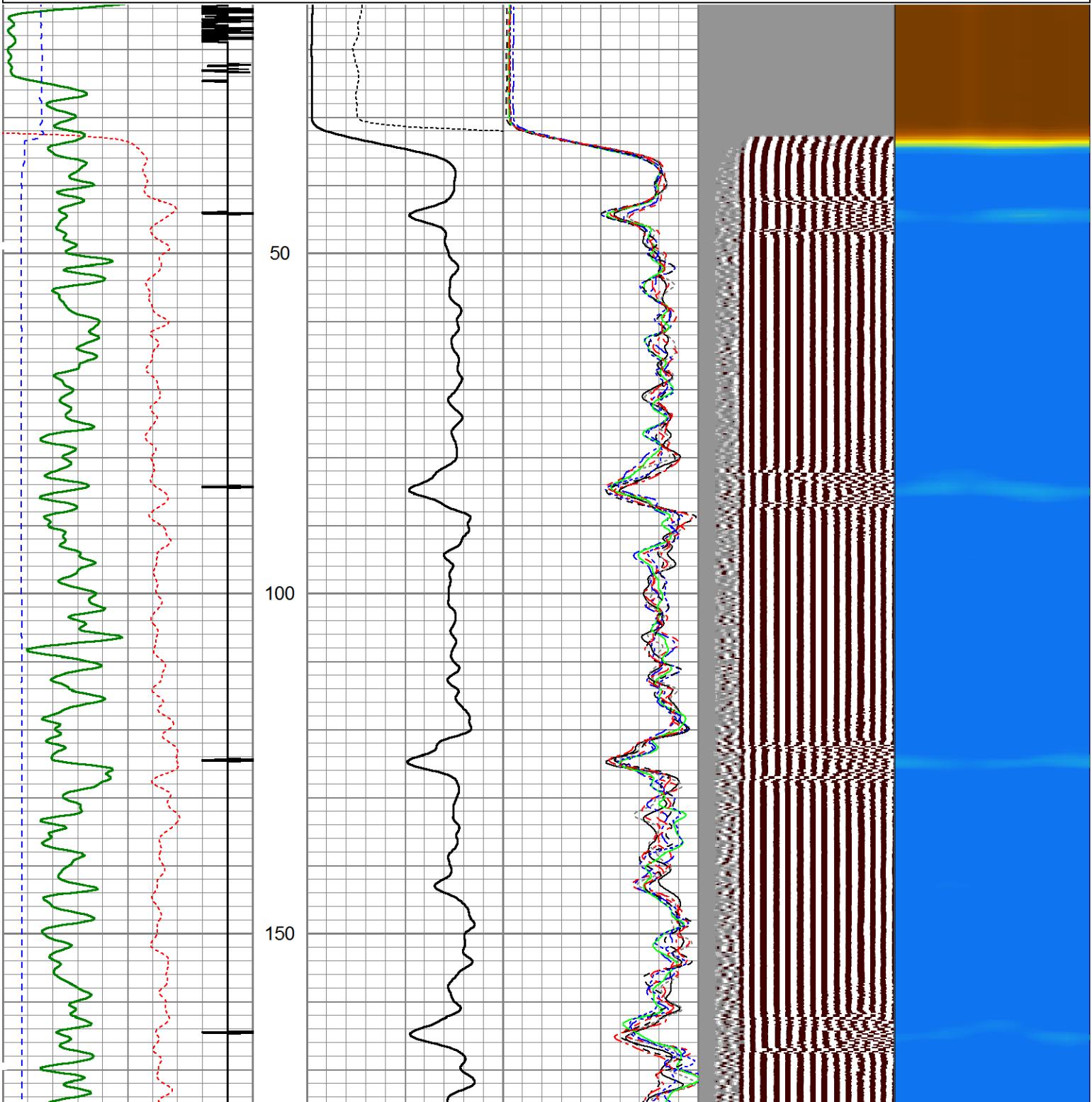
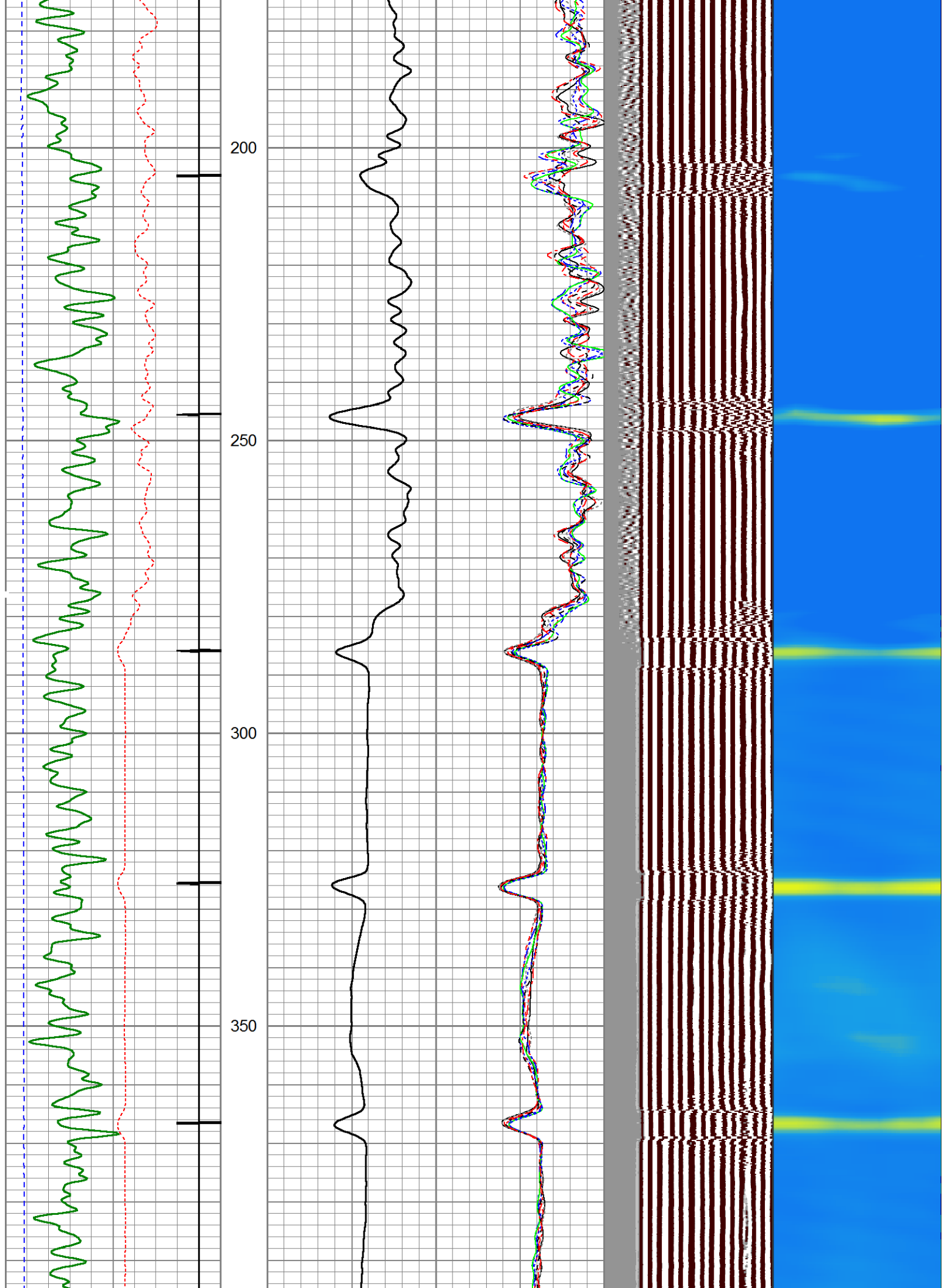
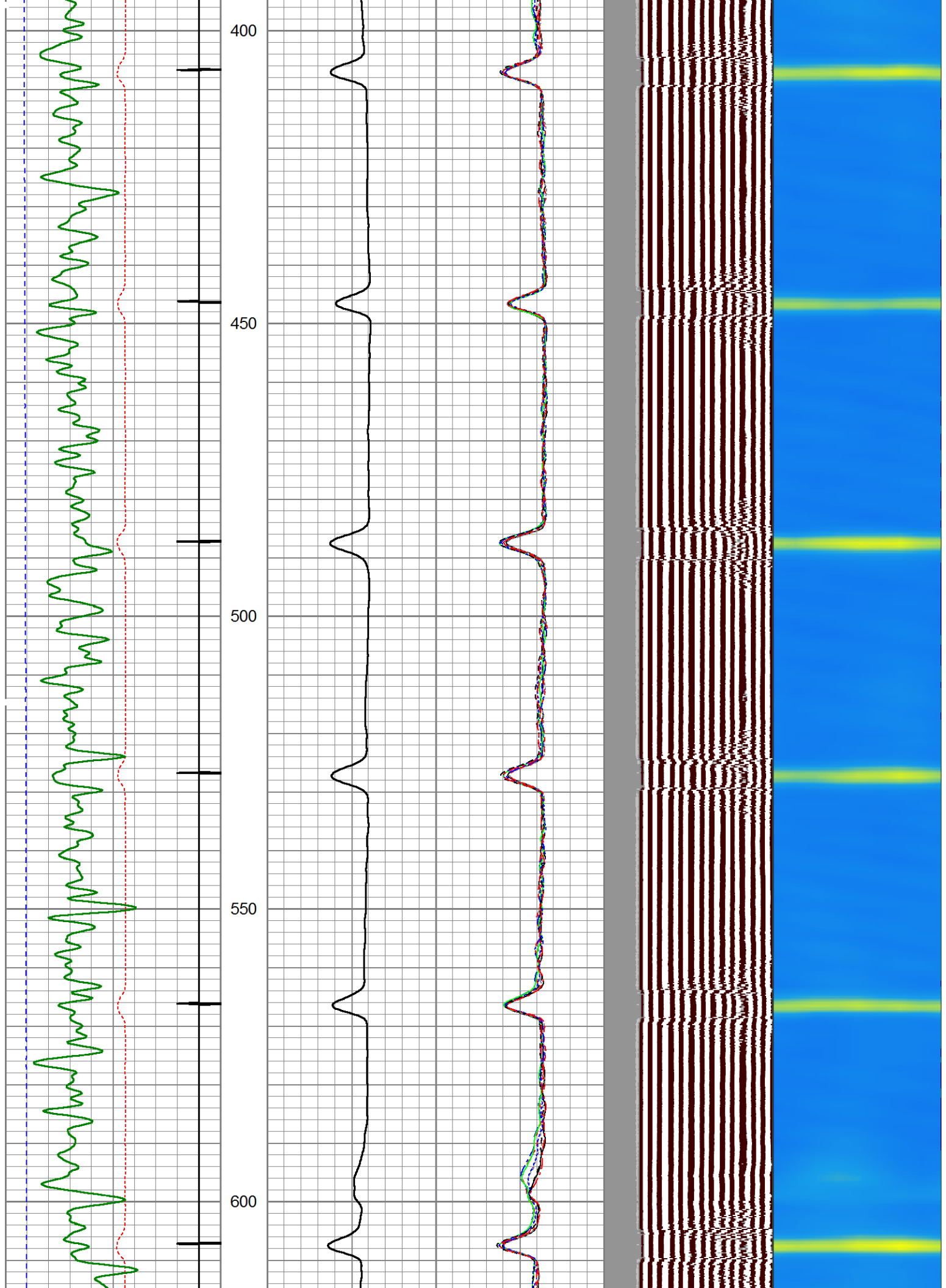
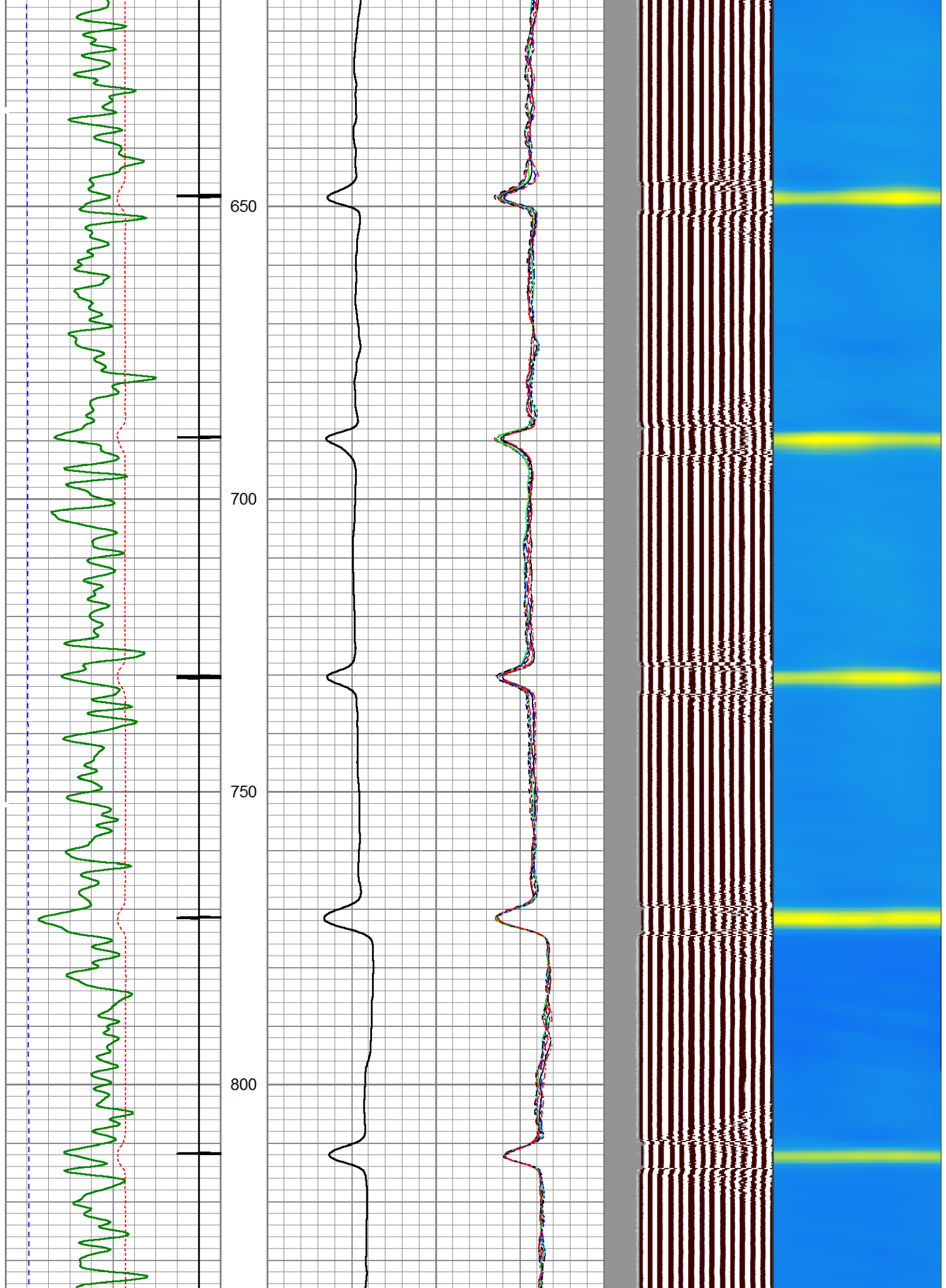


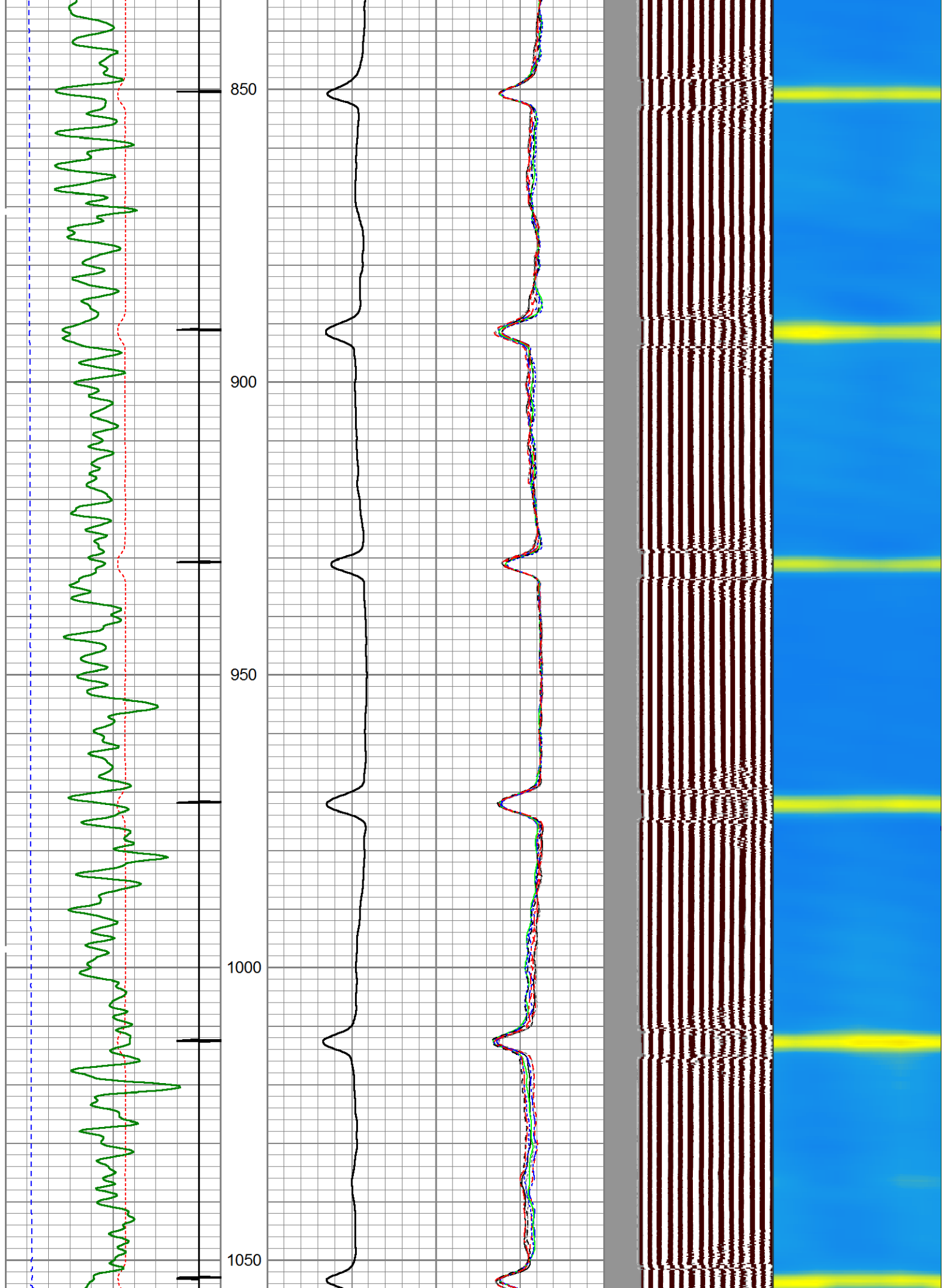
400	Travel Time (usec)	200	0	Amplitude (mV)	100	-5	AMPS1	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1		Amplified Amplitude		-5	AMPS2	150	200	1200	0	100
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	AMPS3	150				
0	Line Tension (lb)	2500				-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				

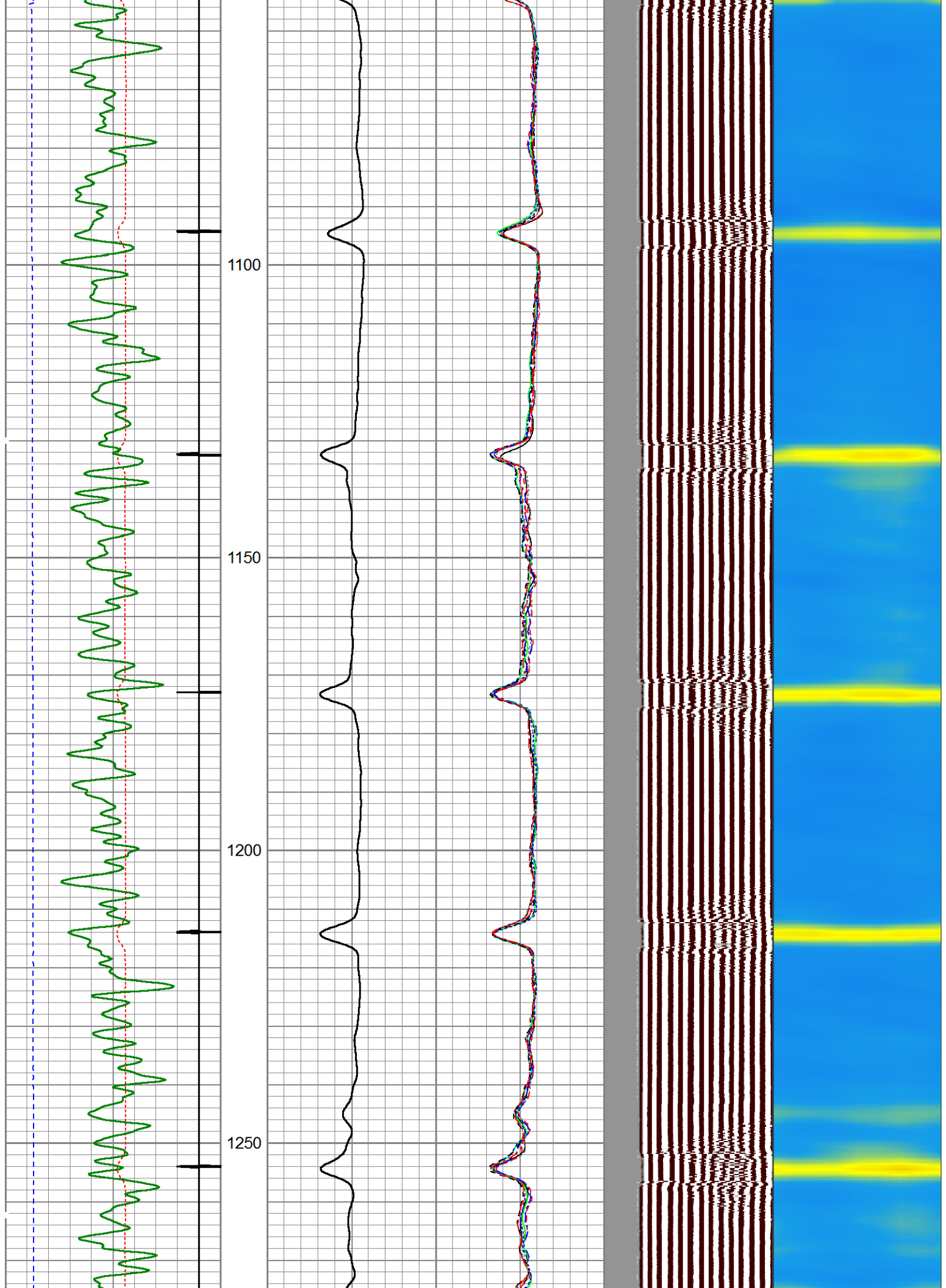


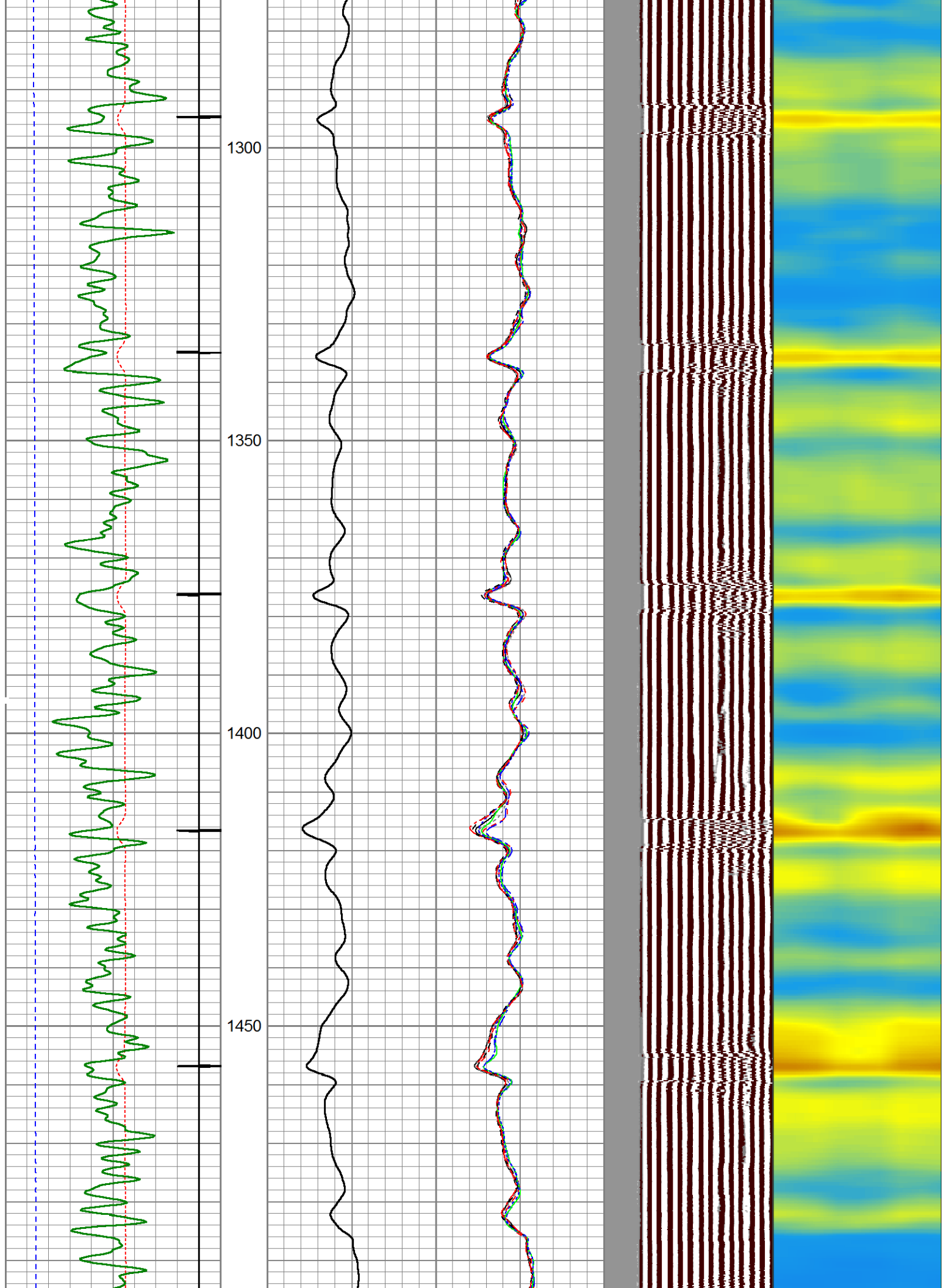


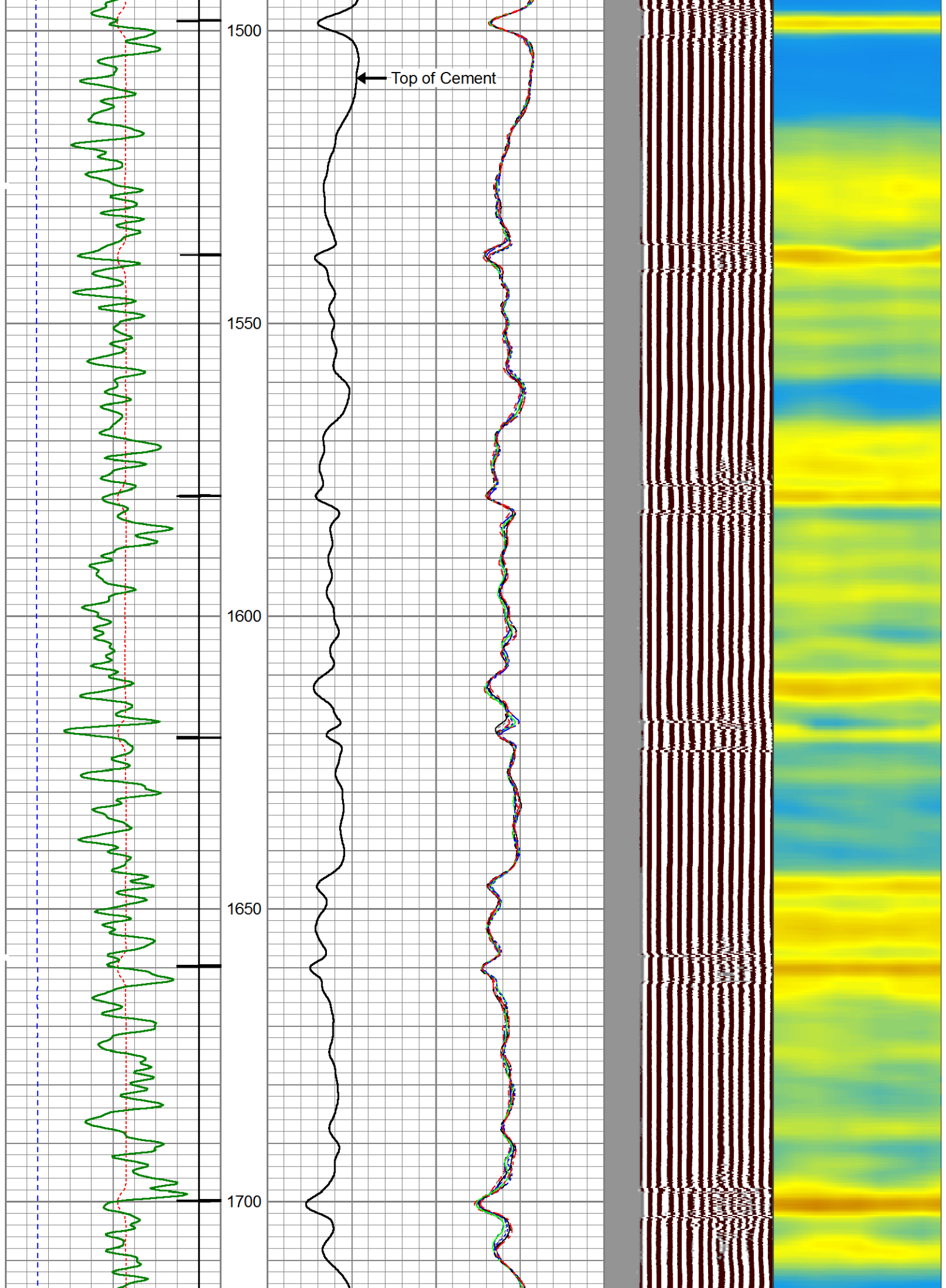


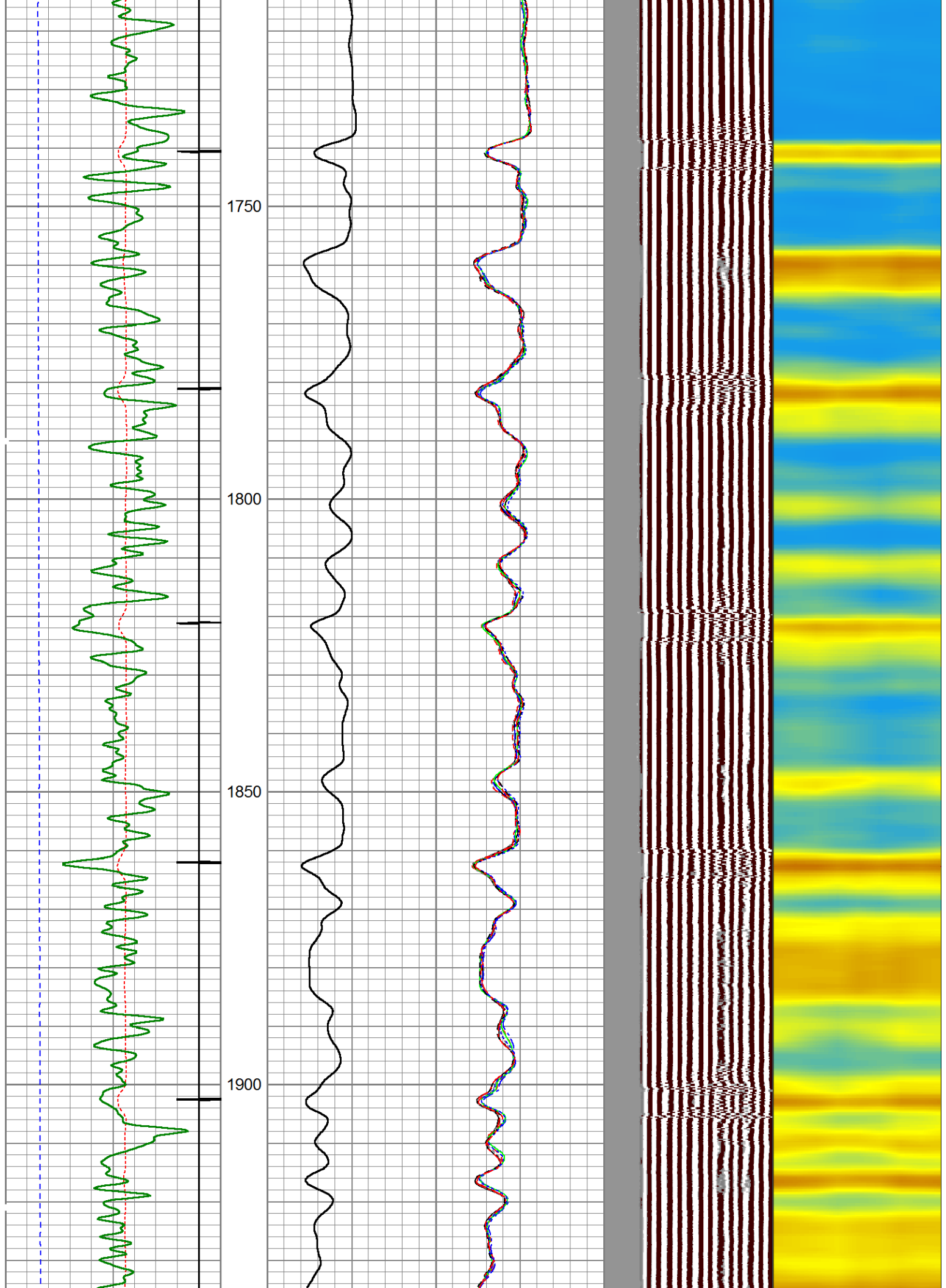


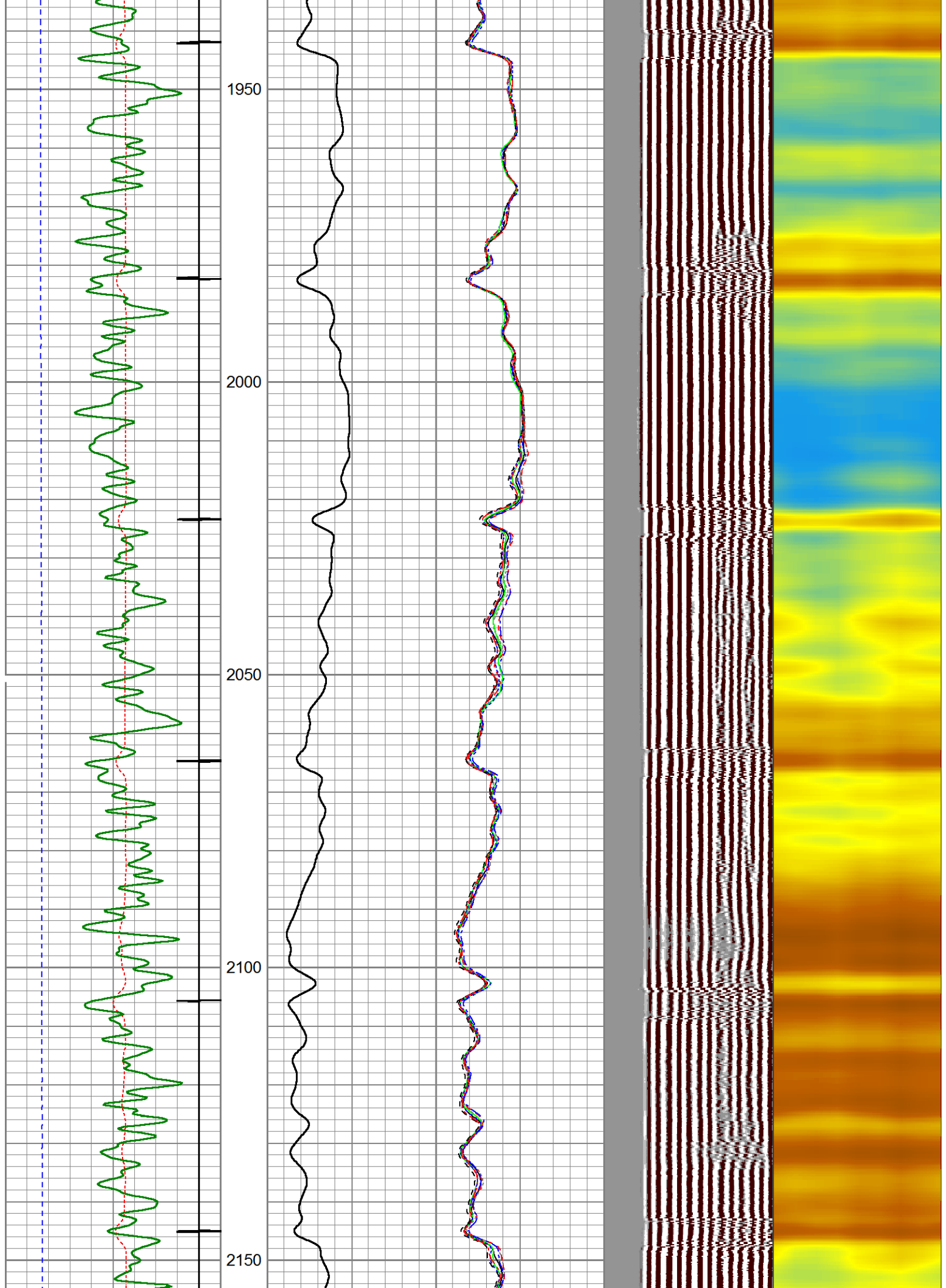


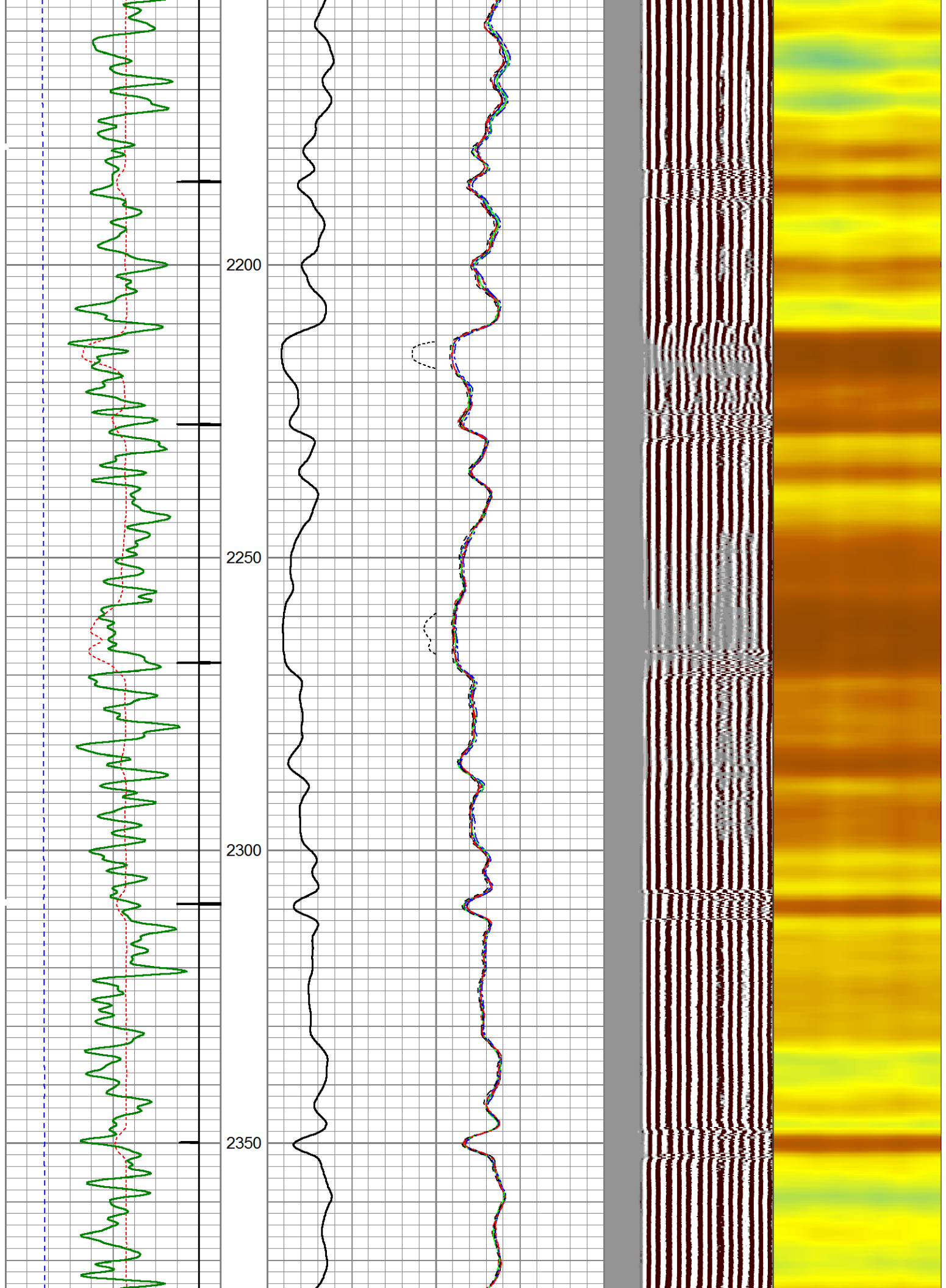


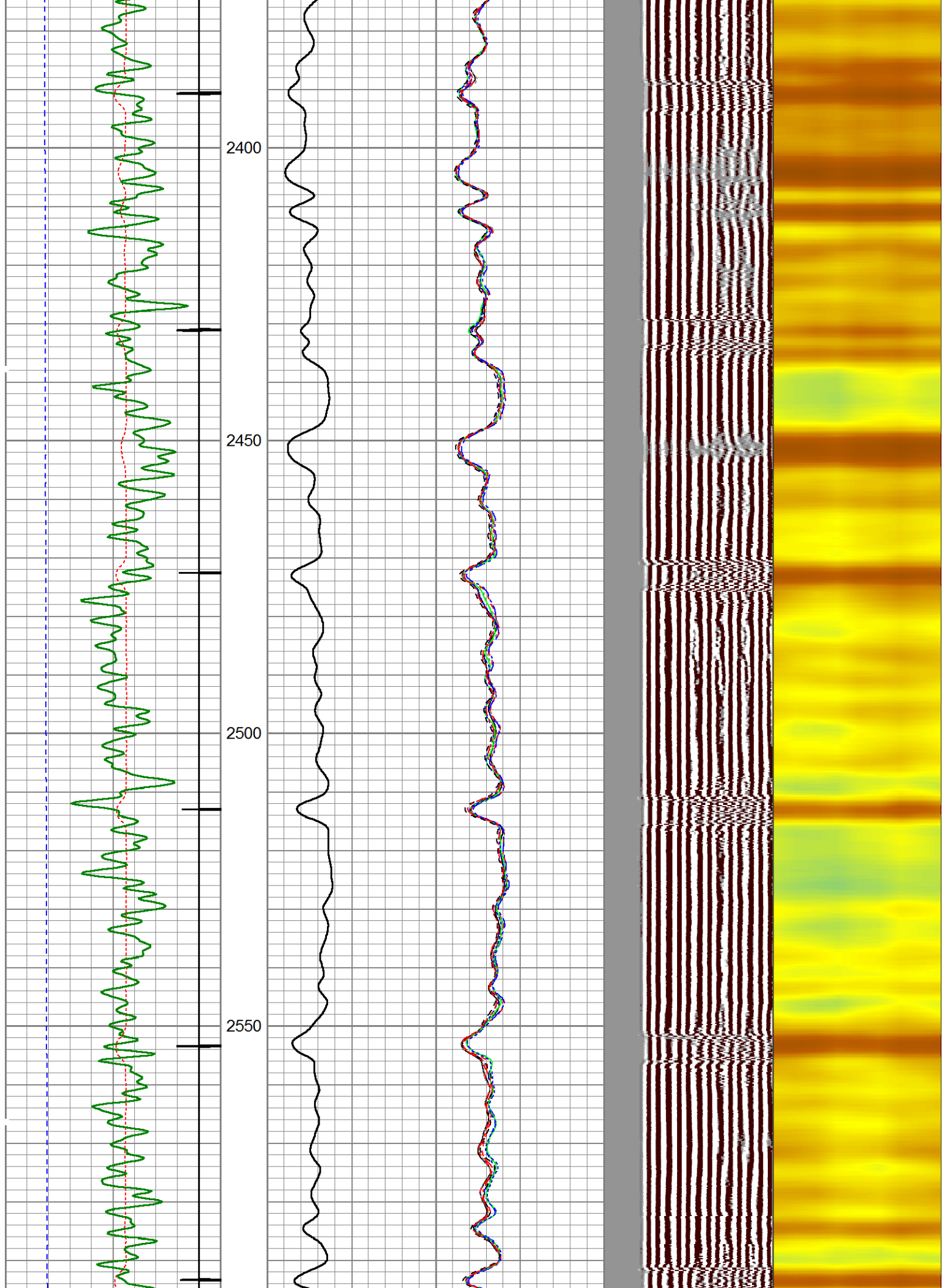


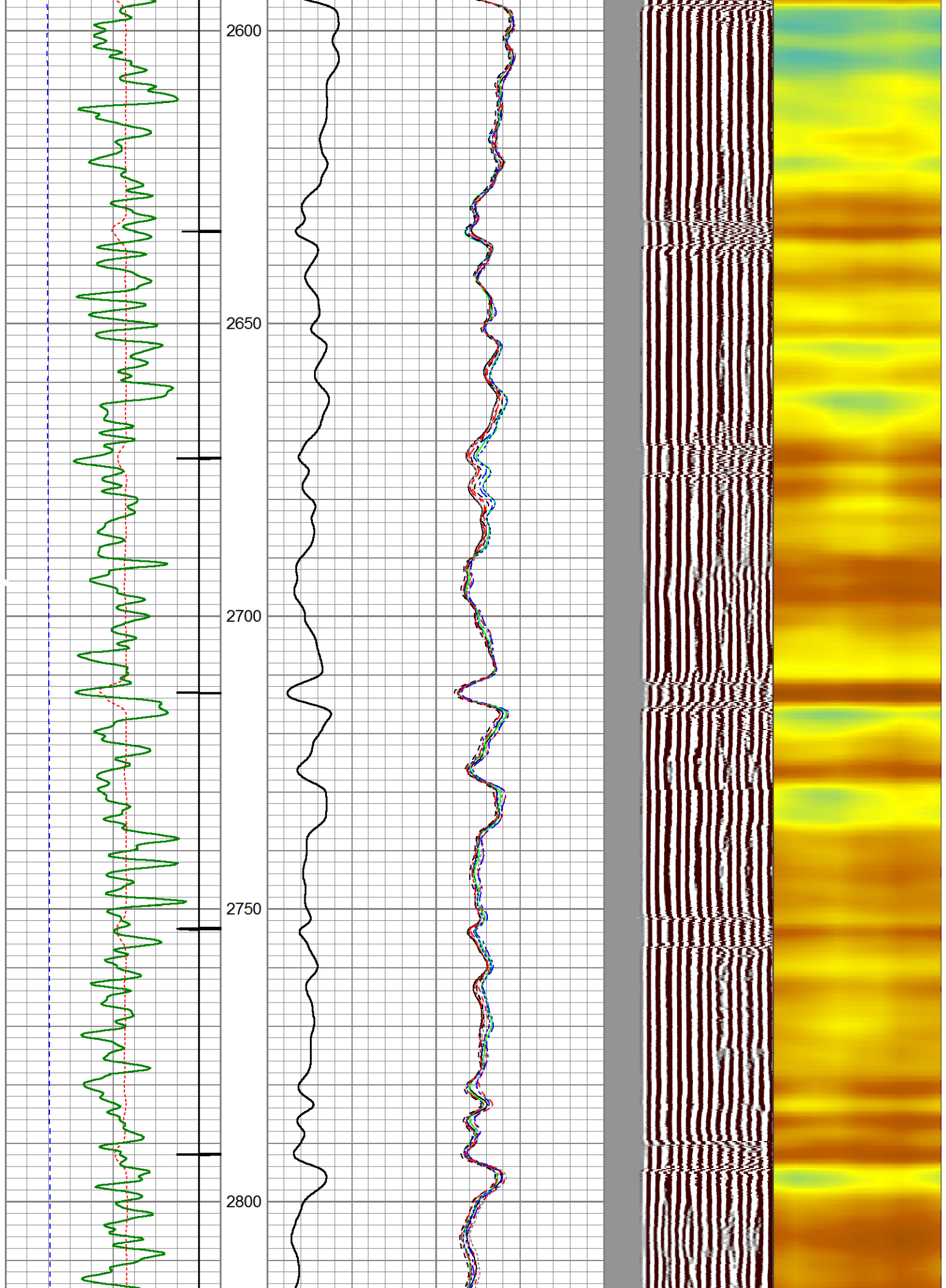


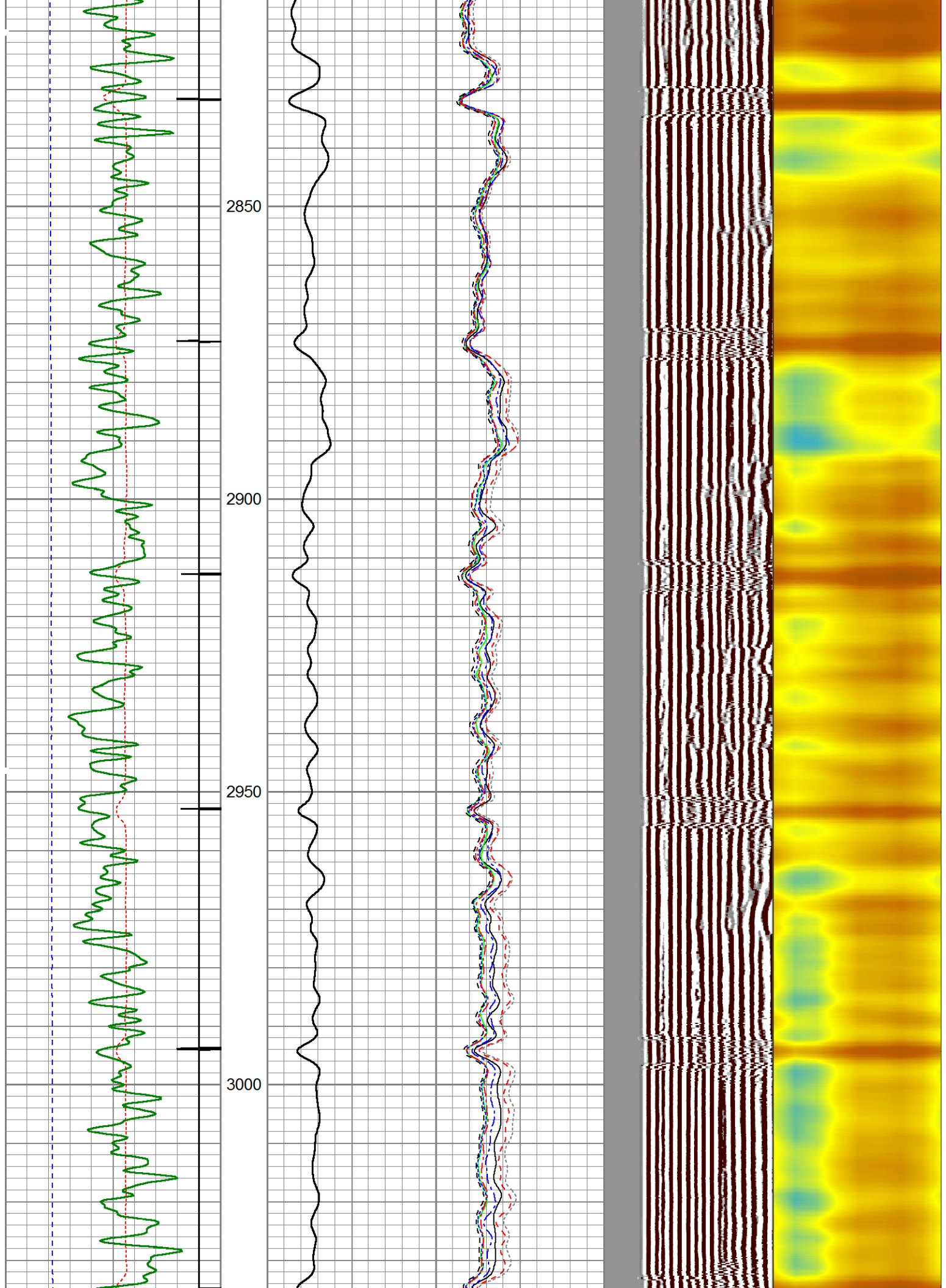


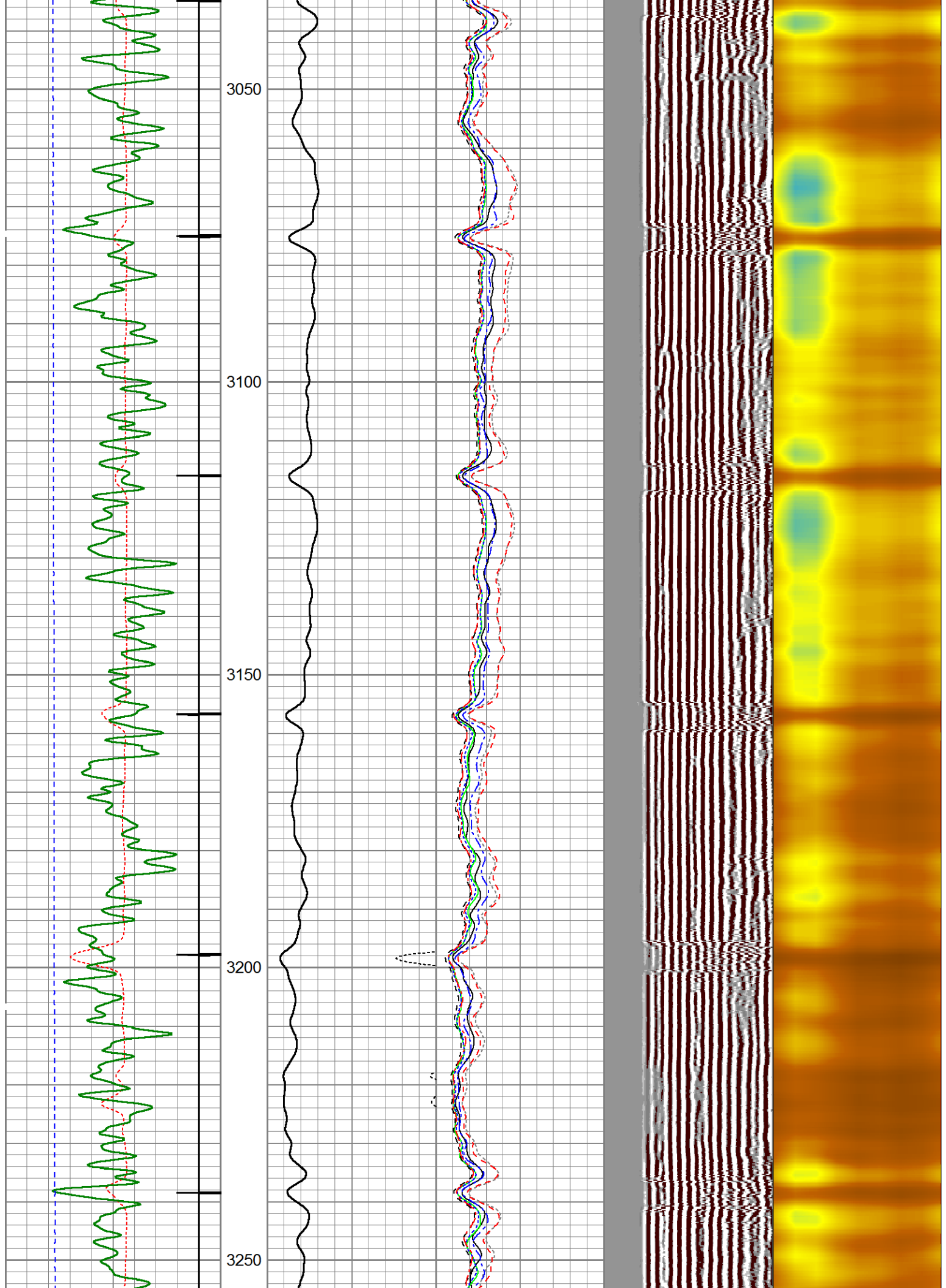


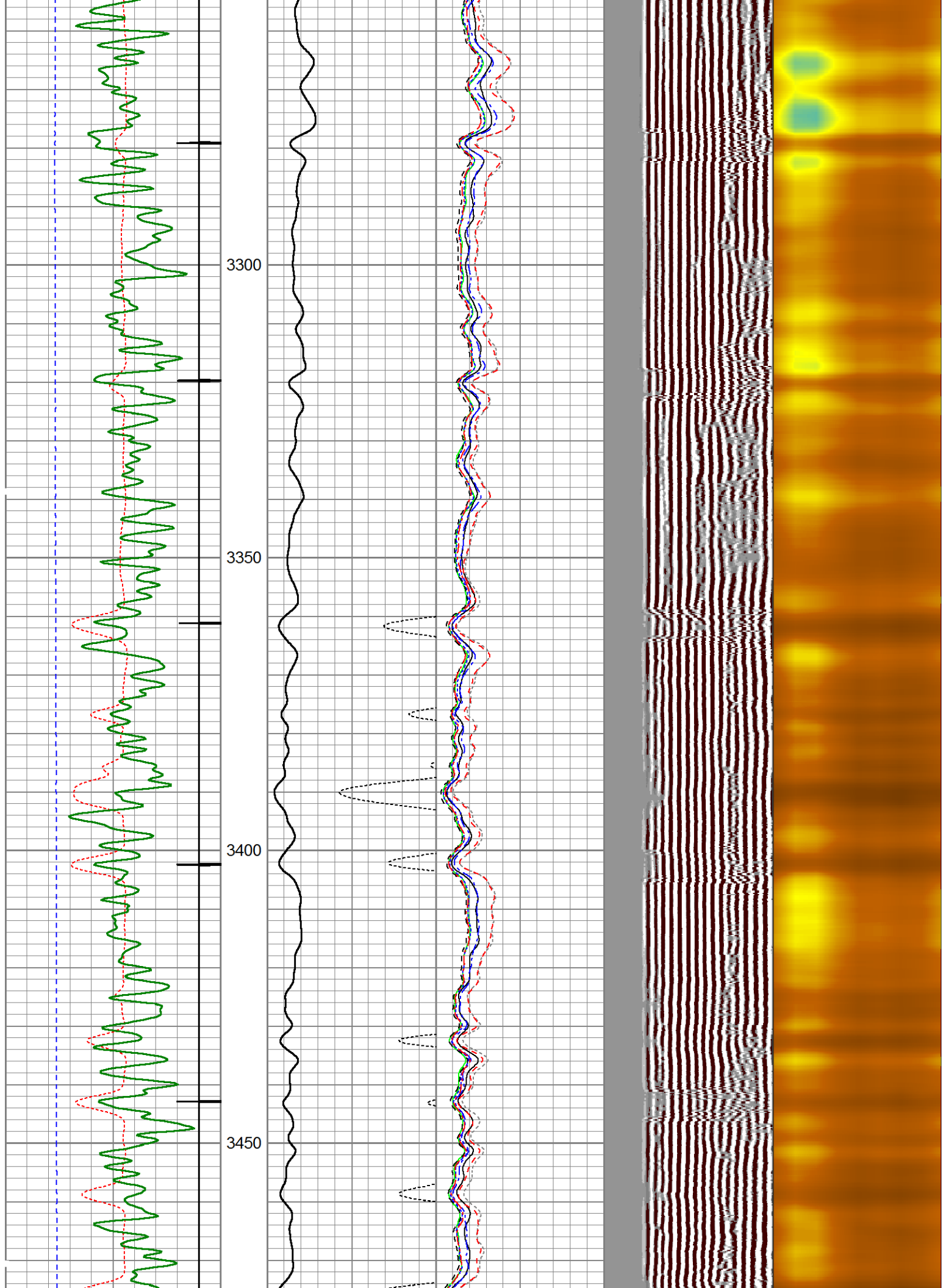


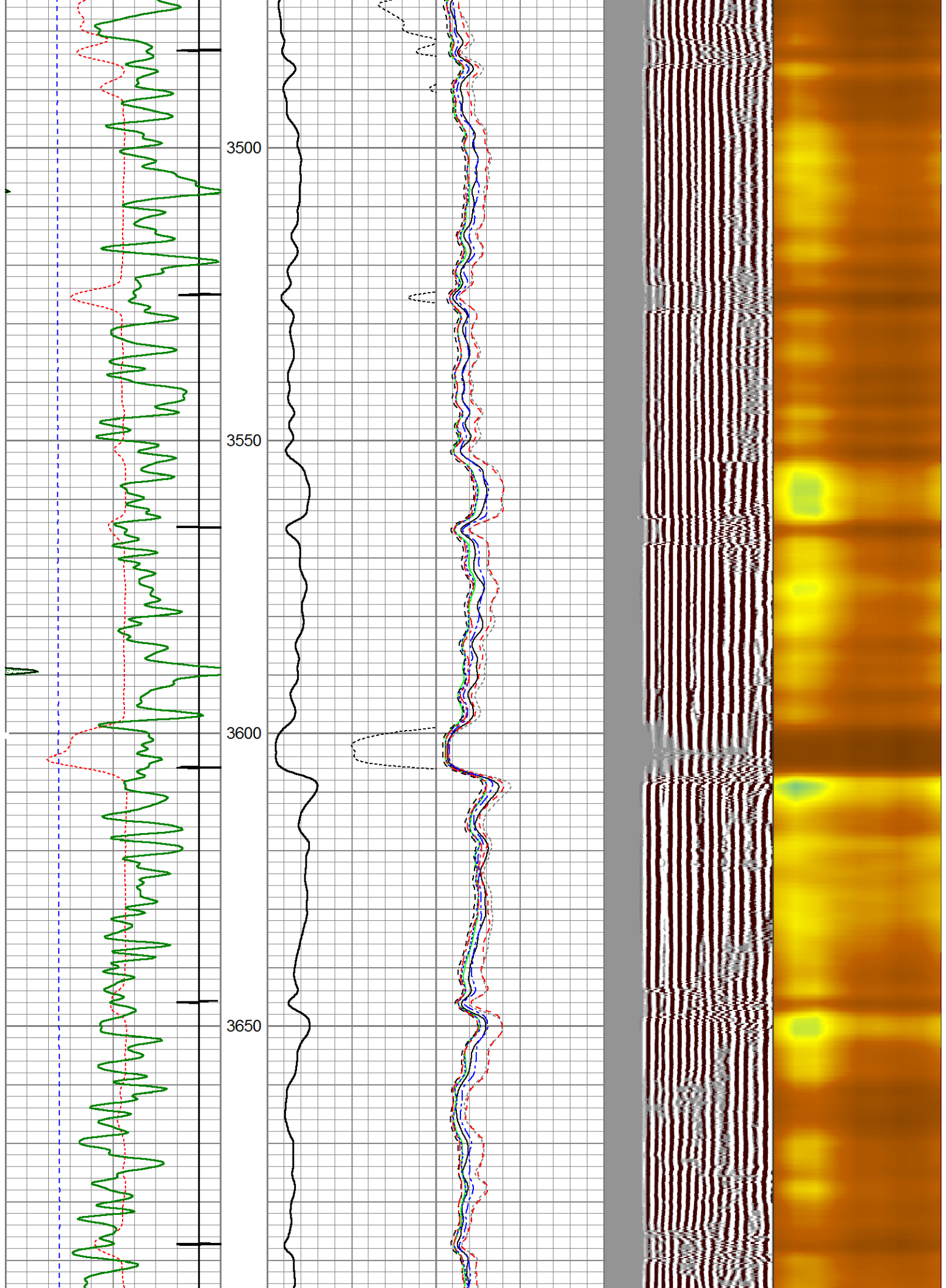


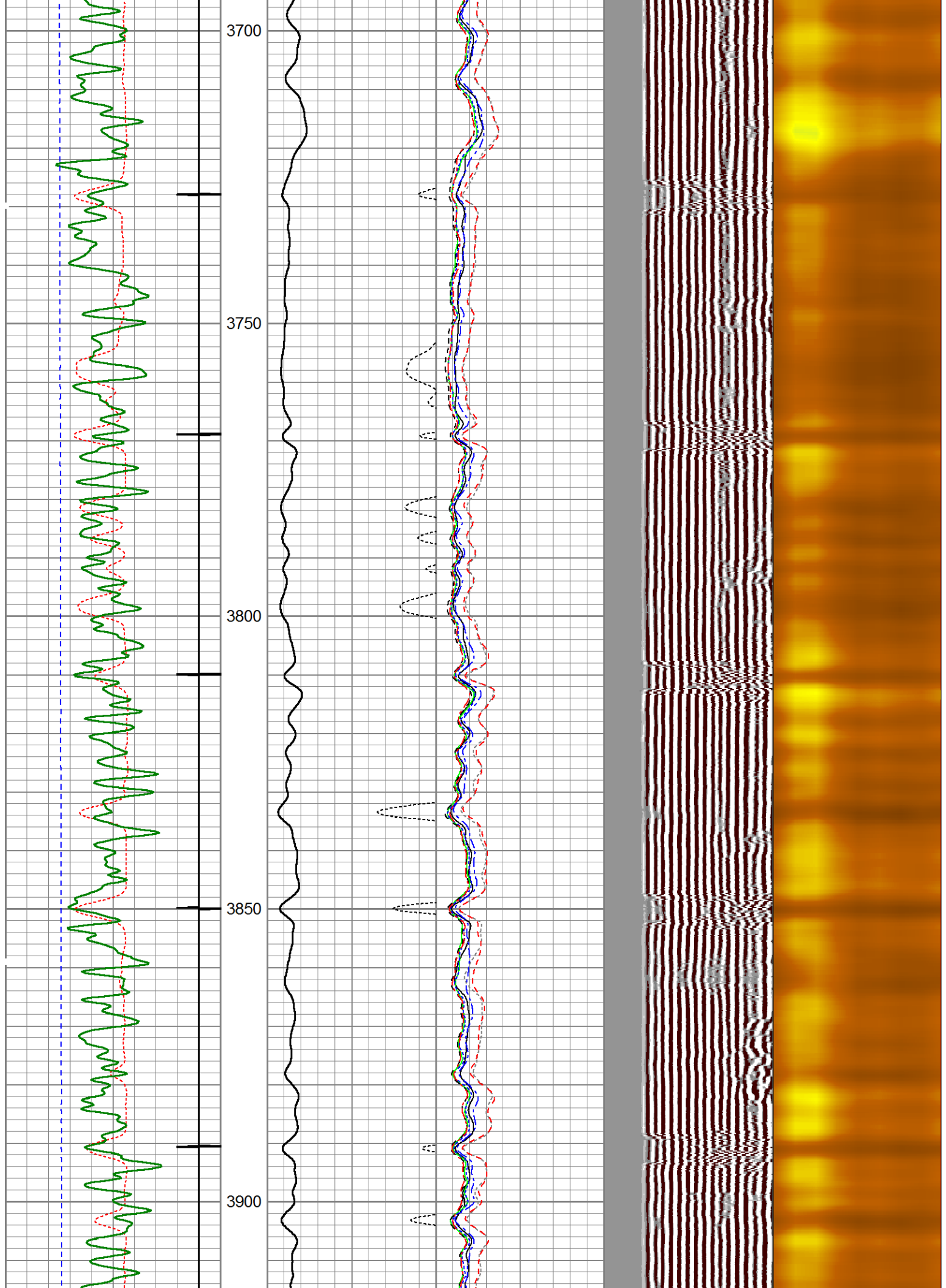


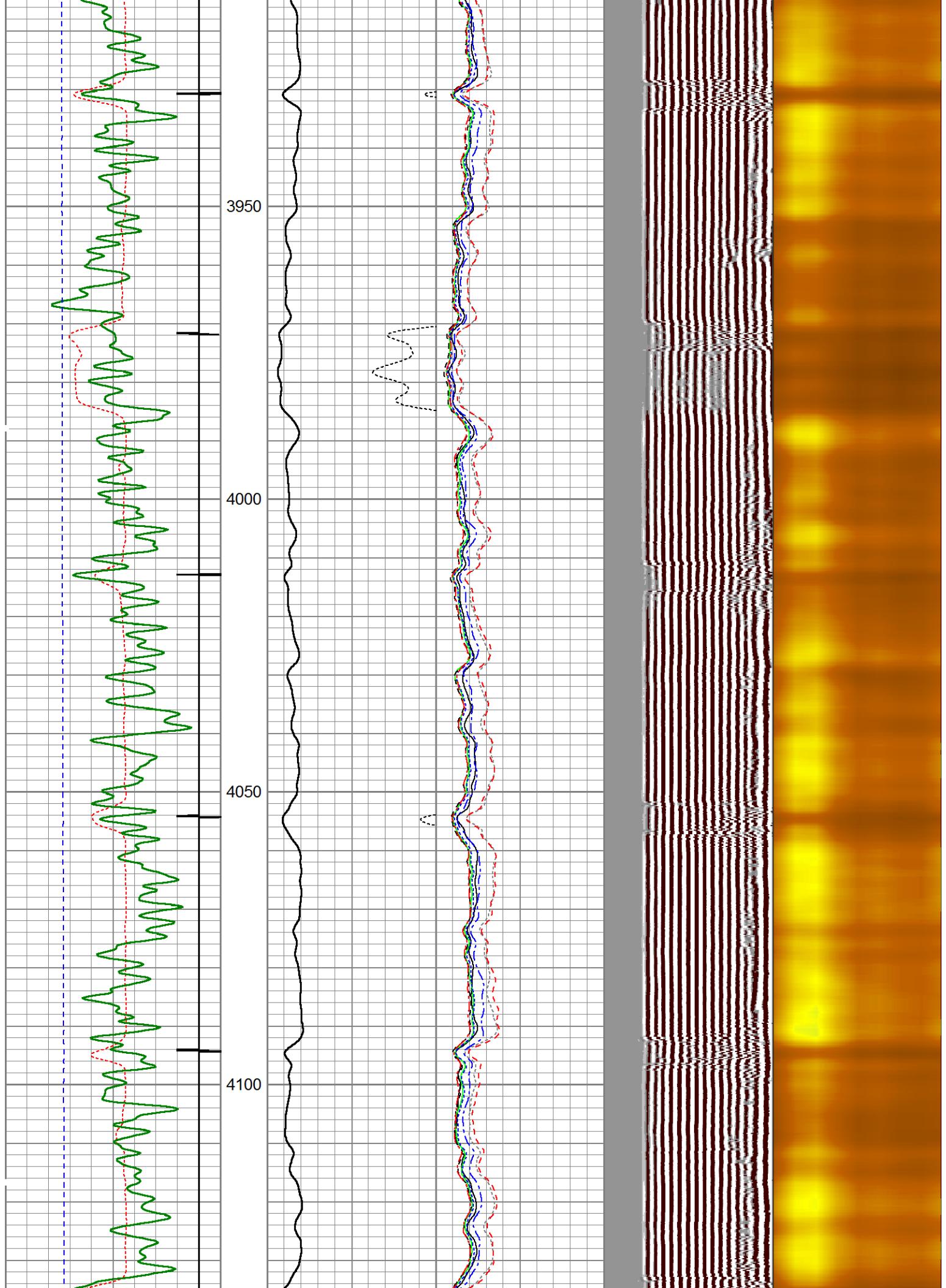


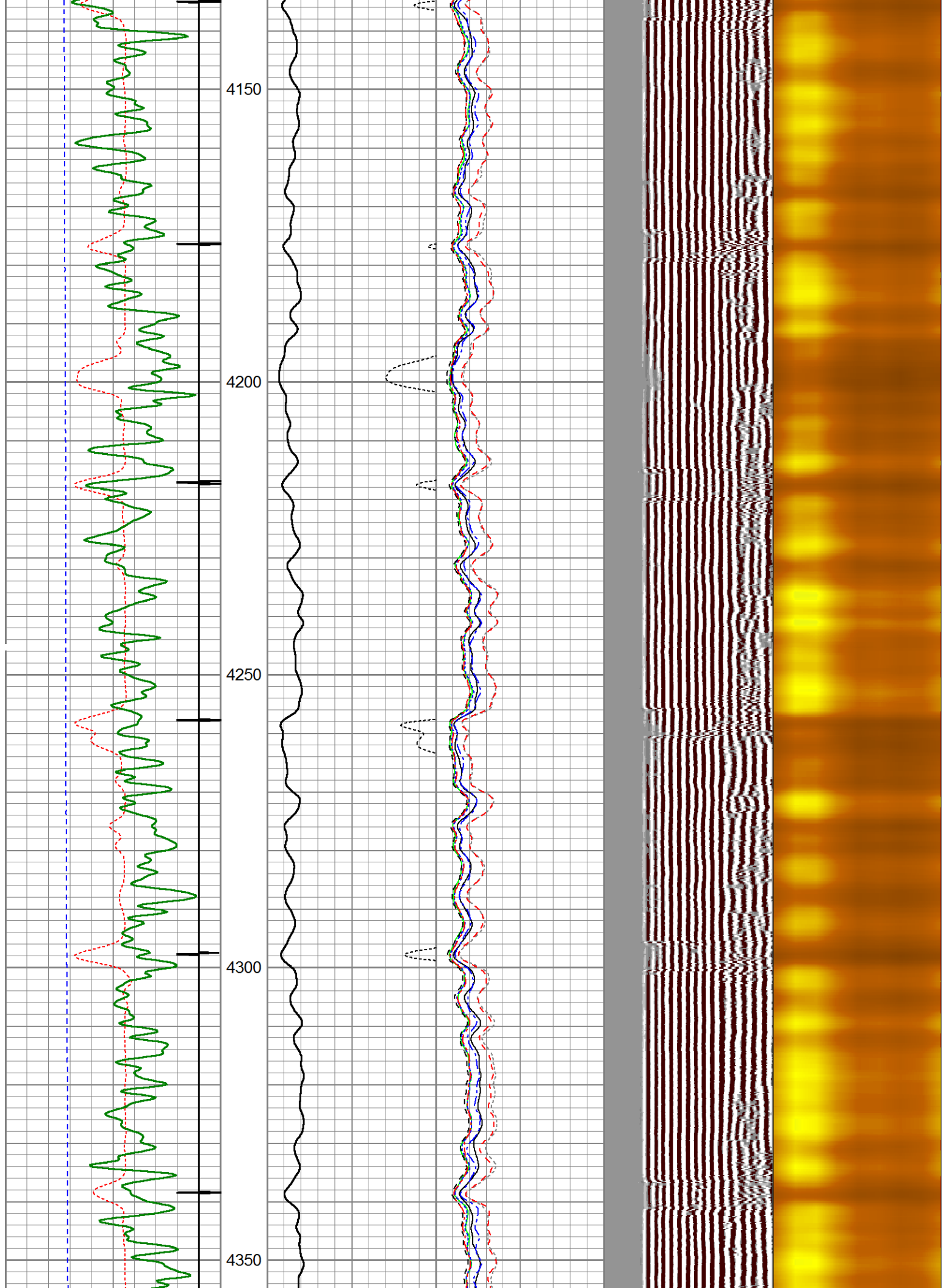


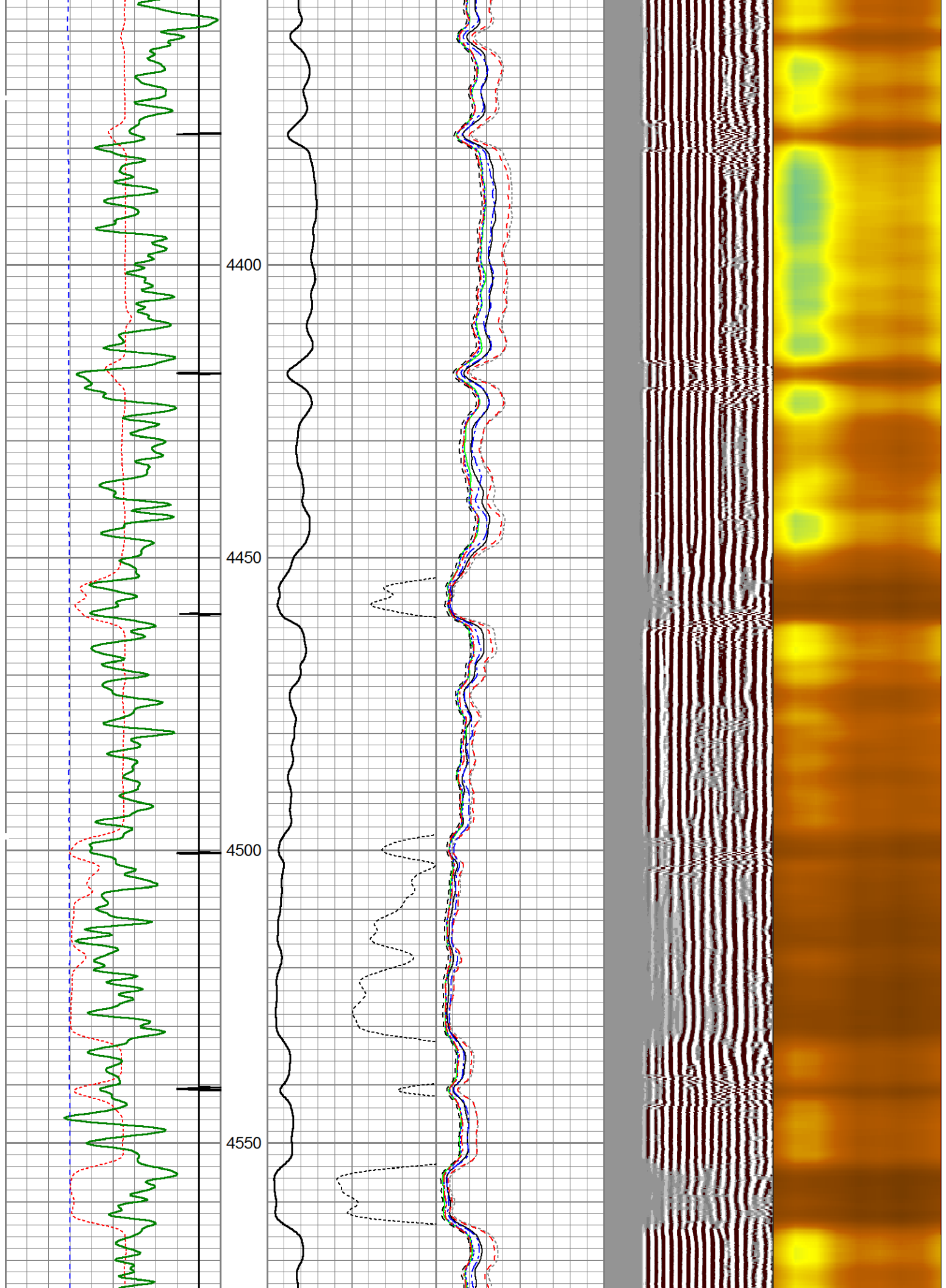


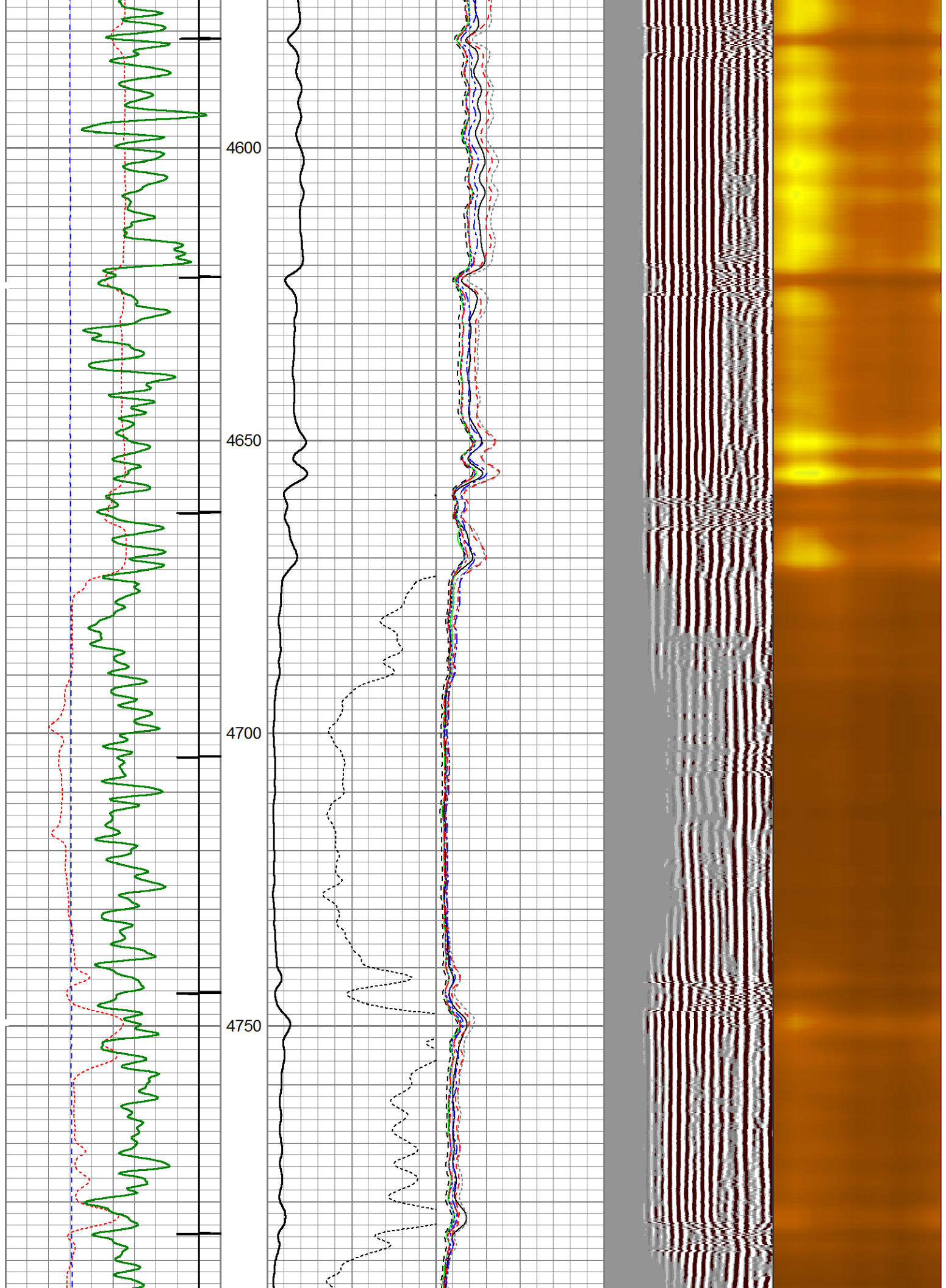


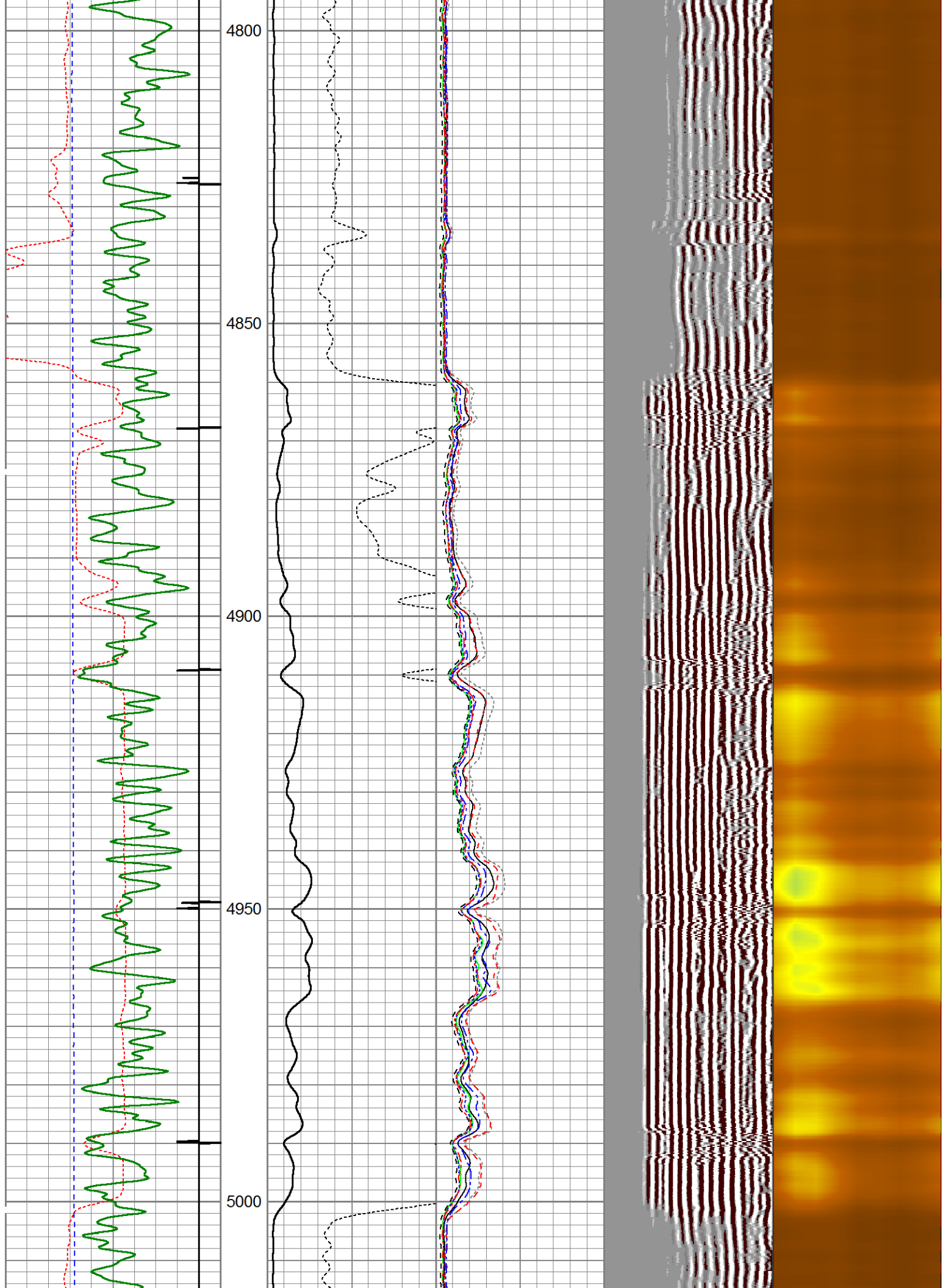


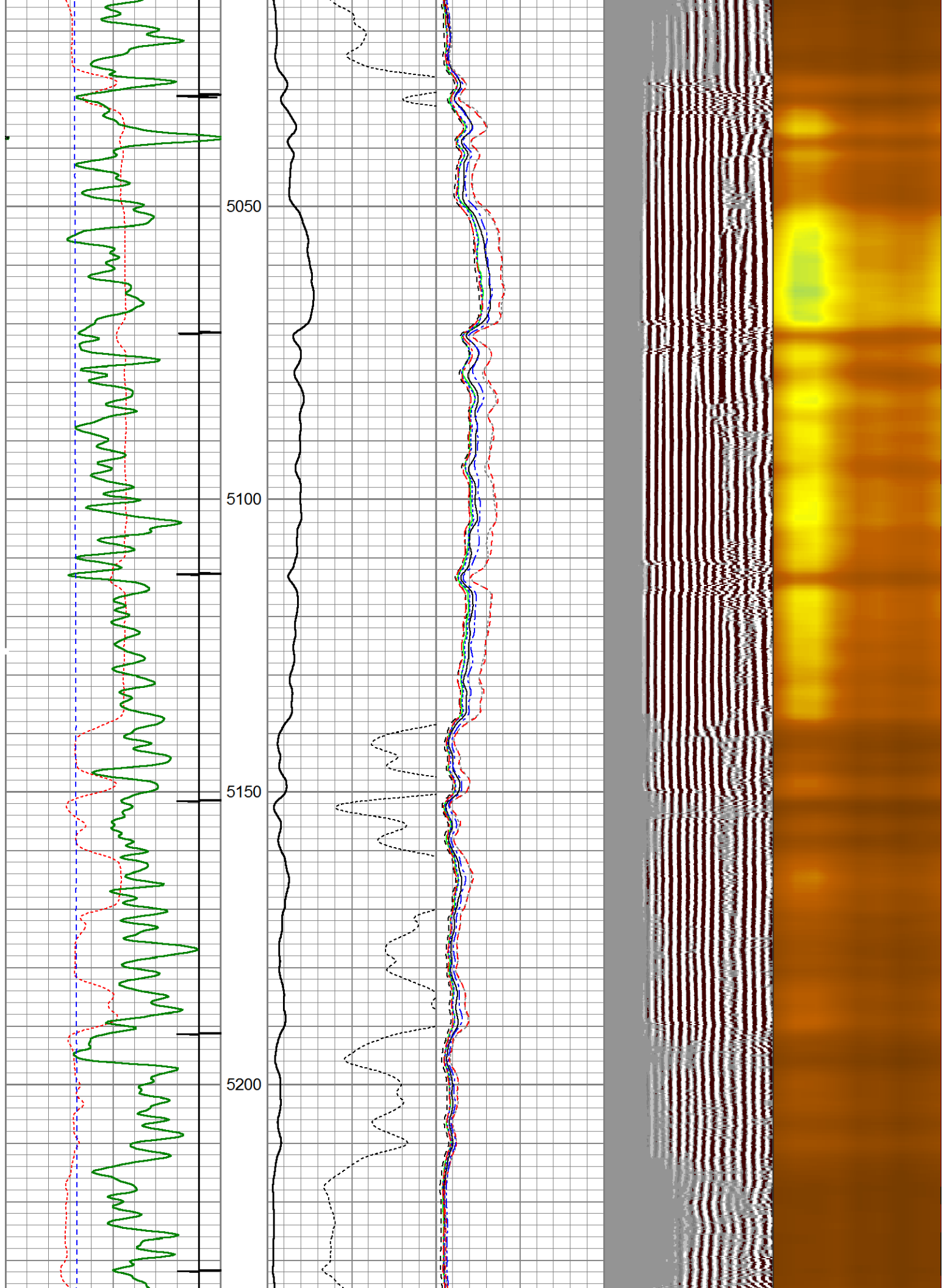


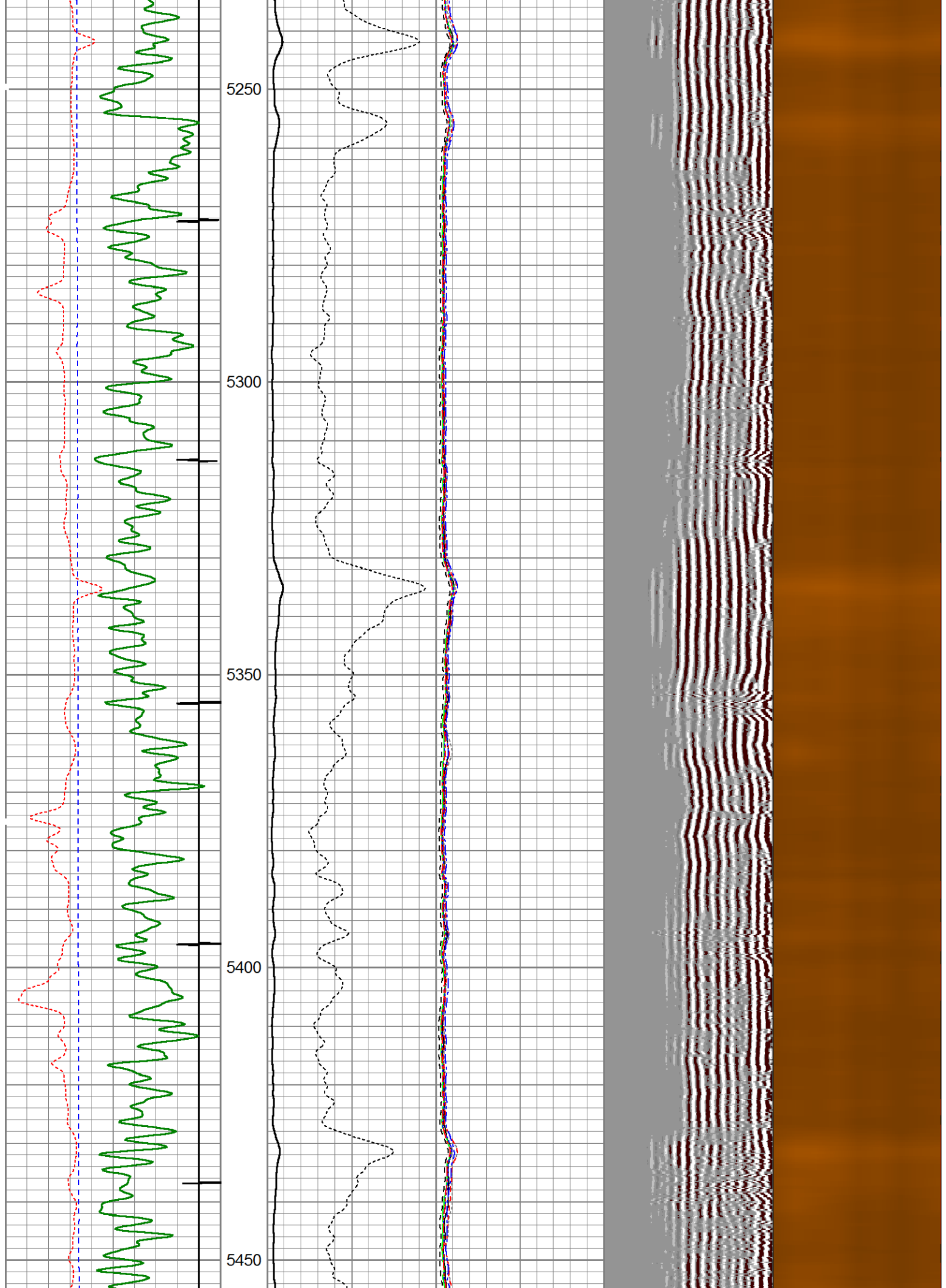


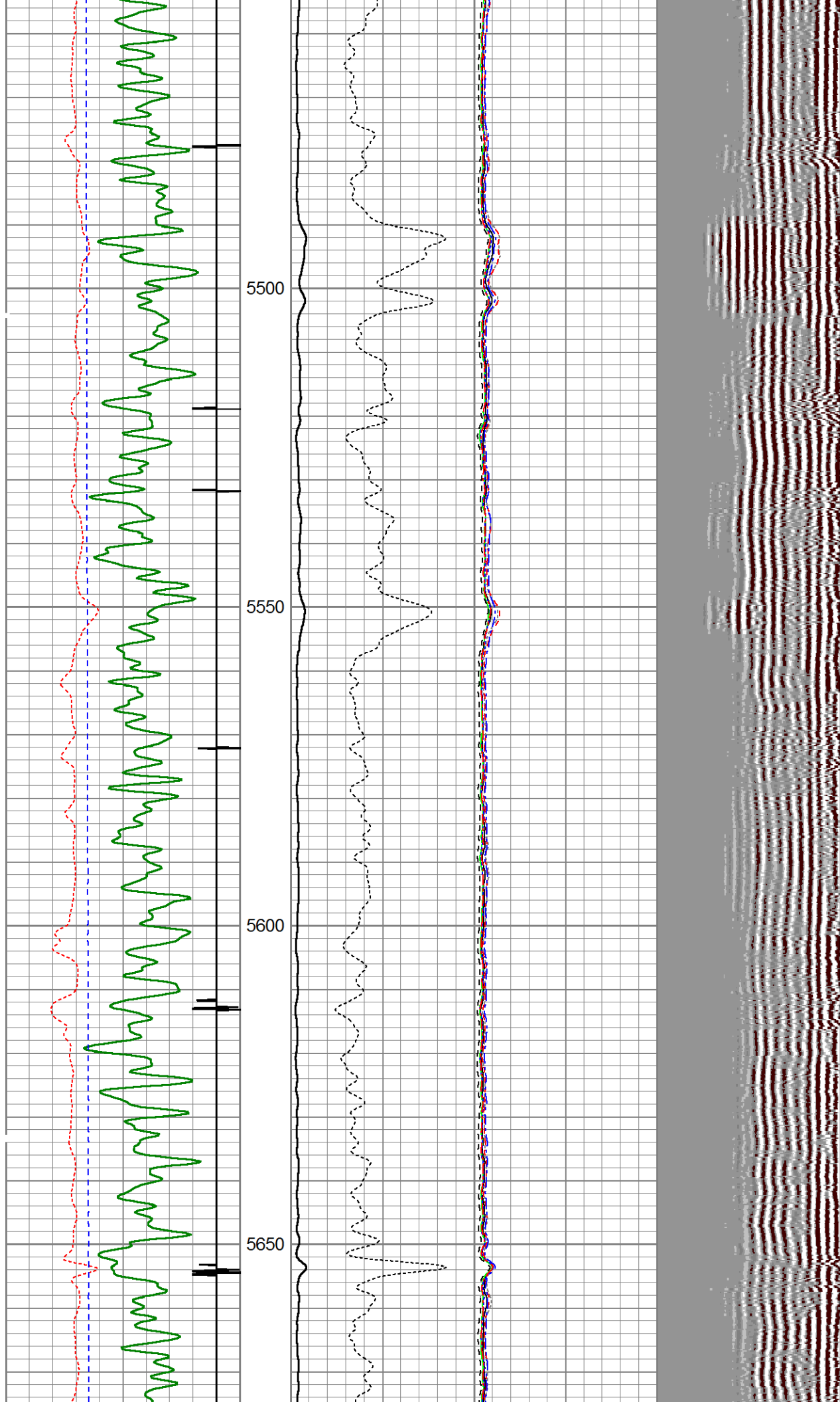


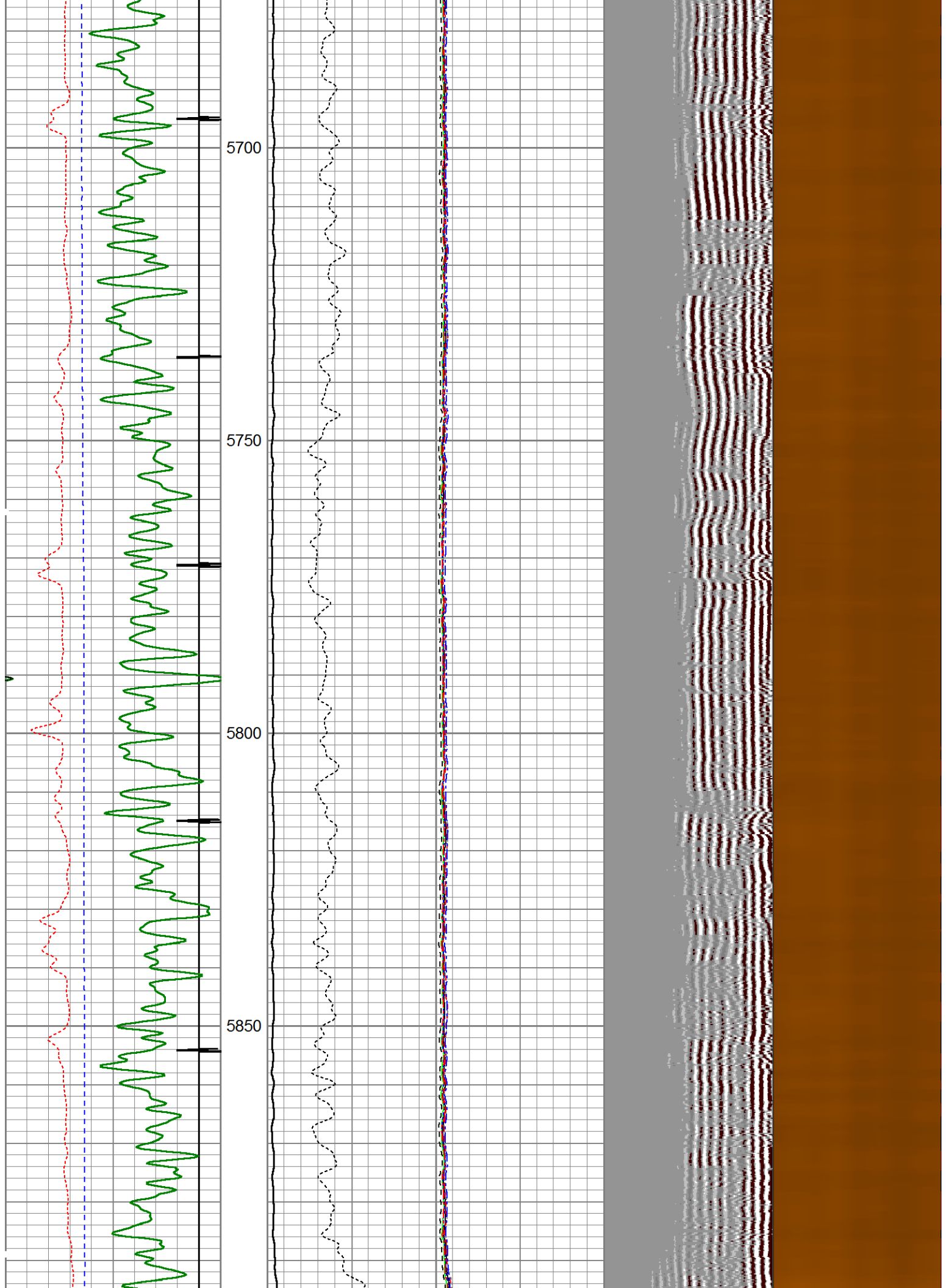


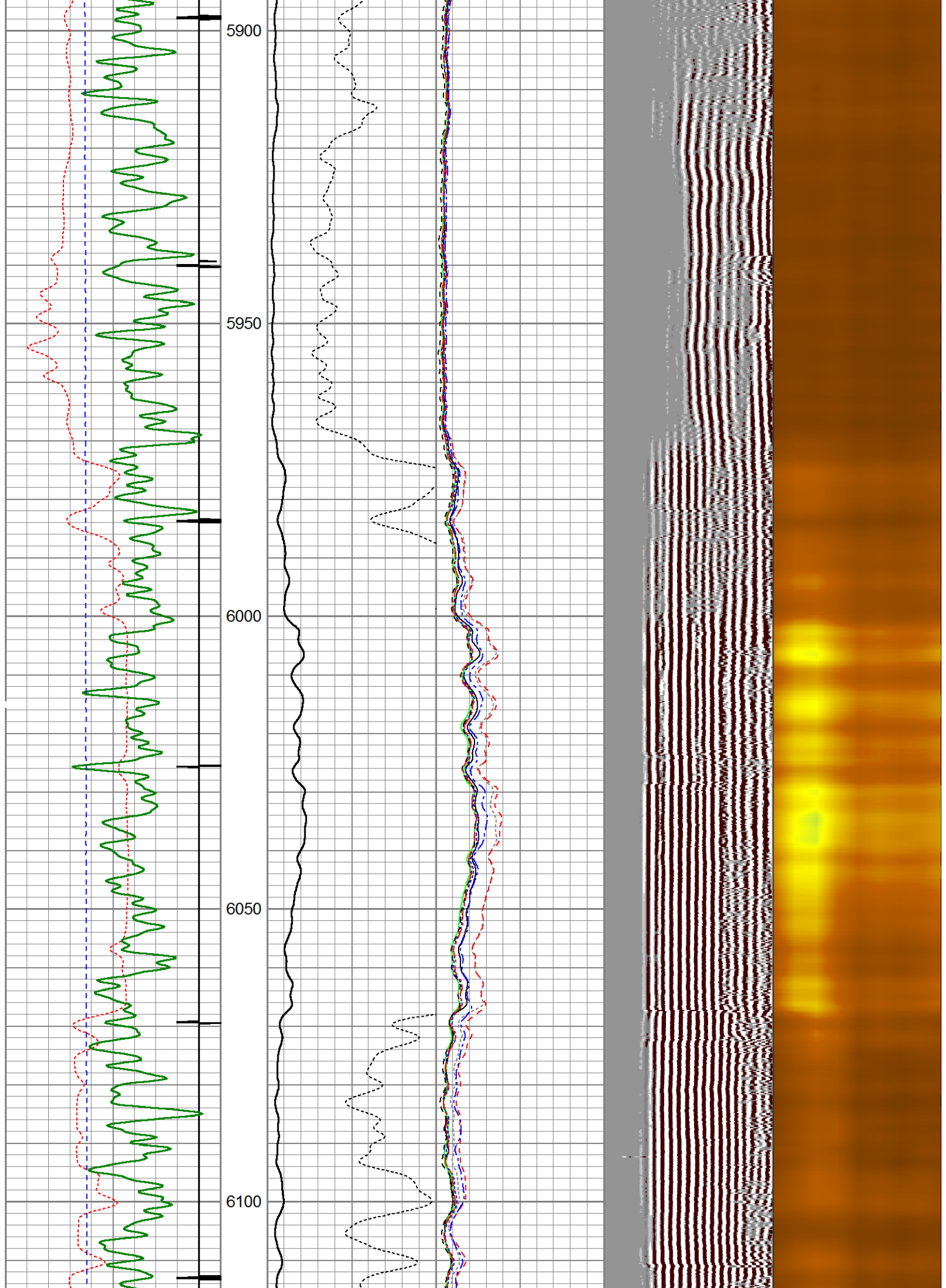


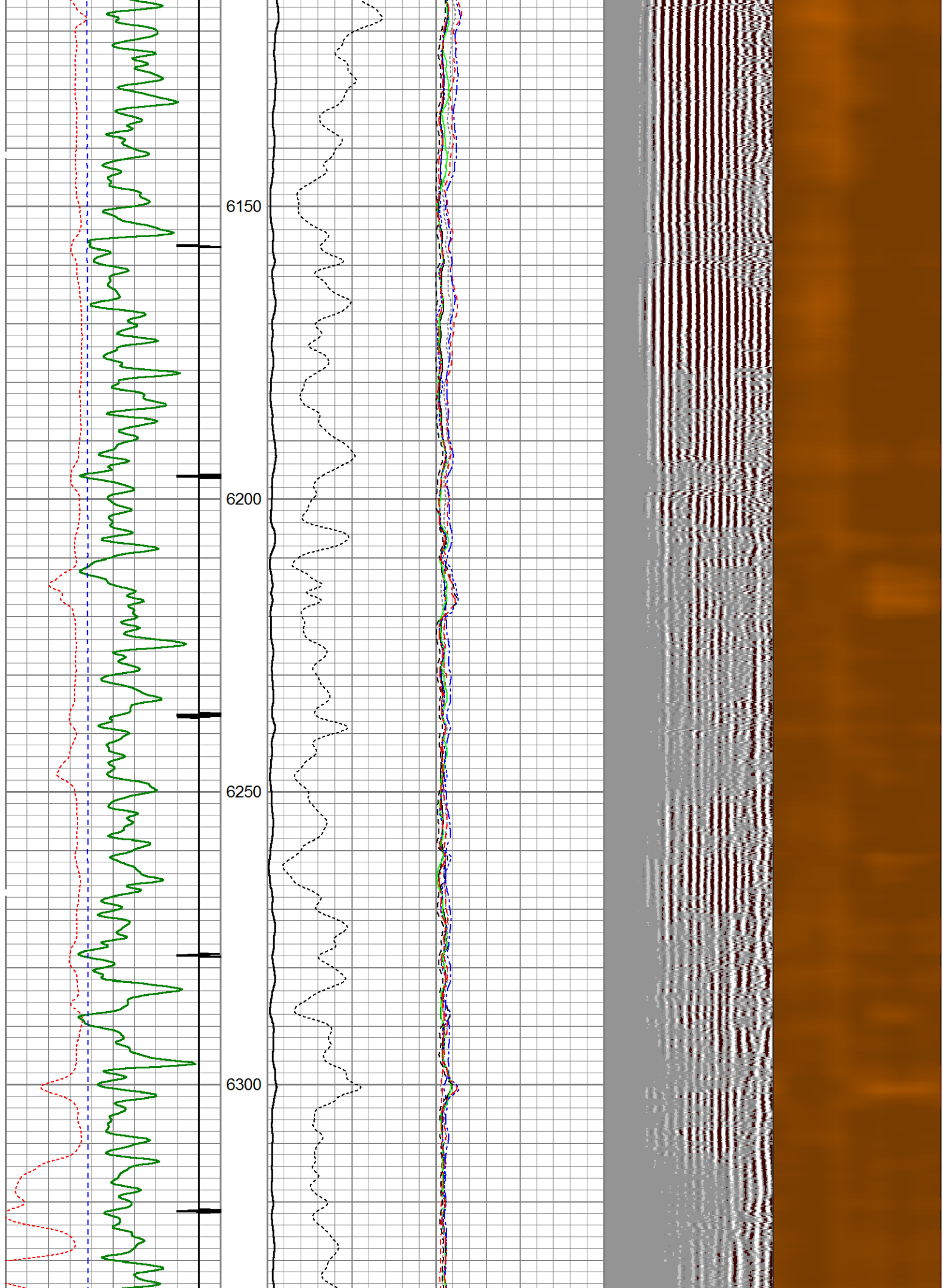


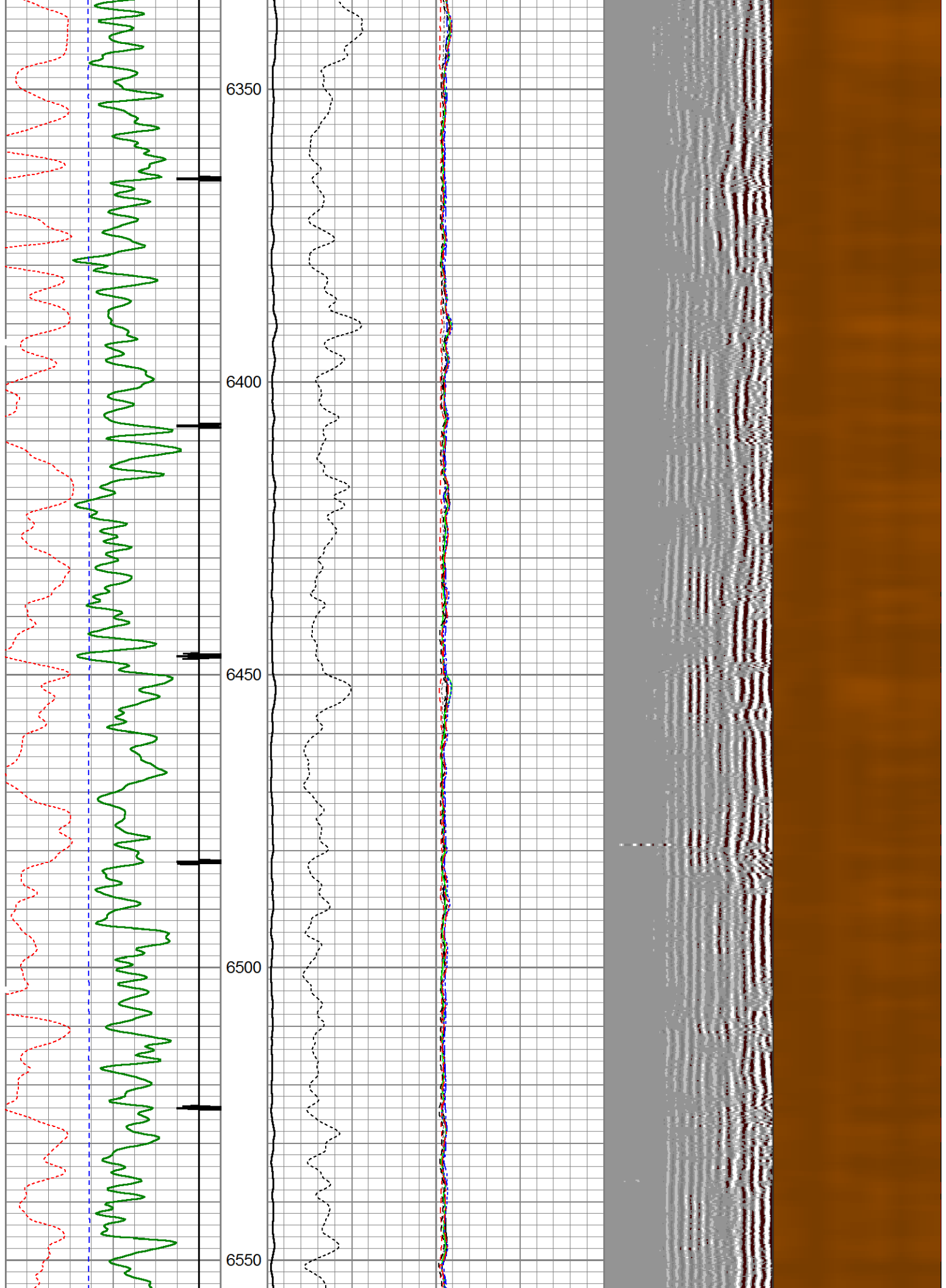


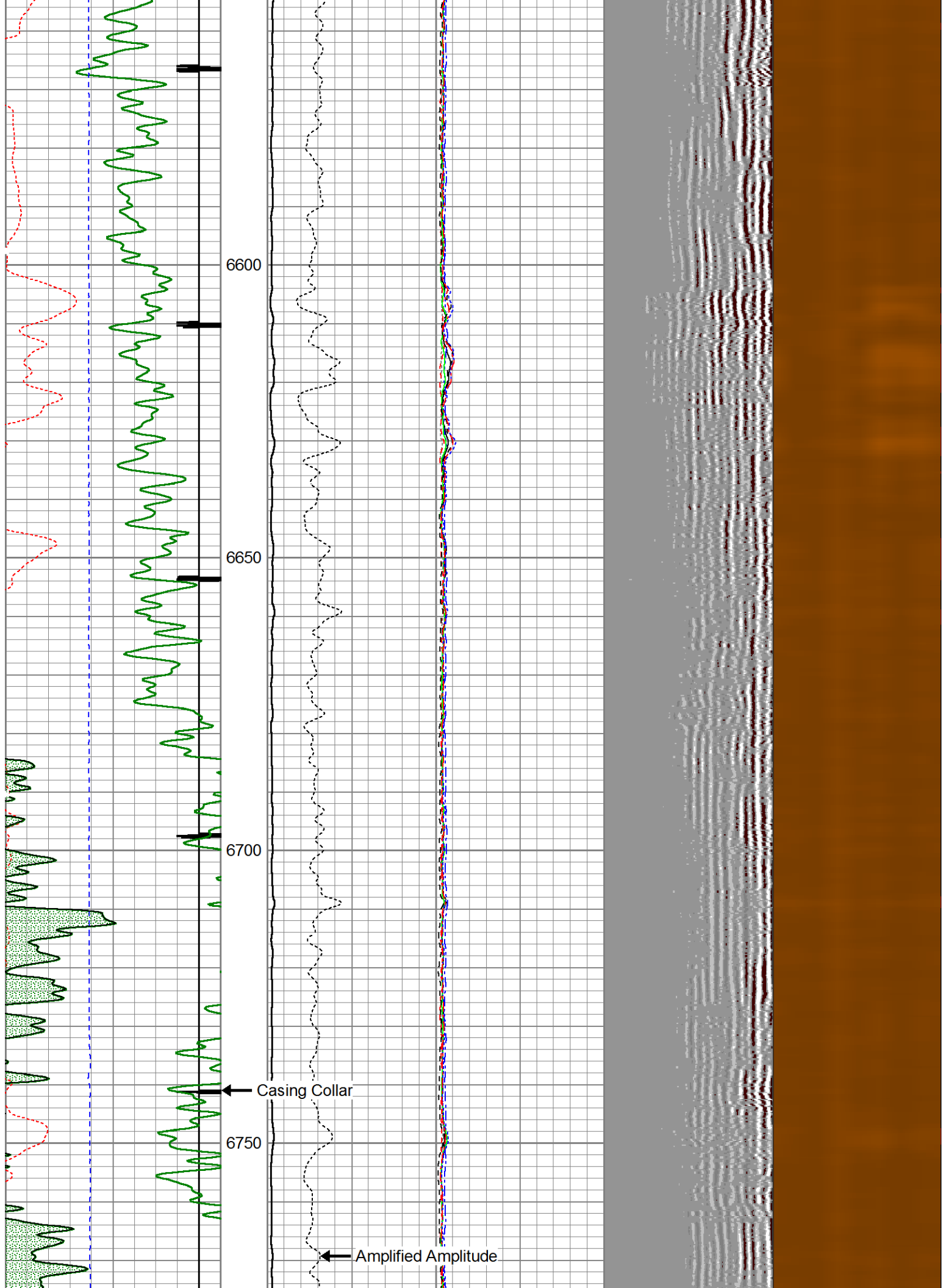


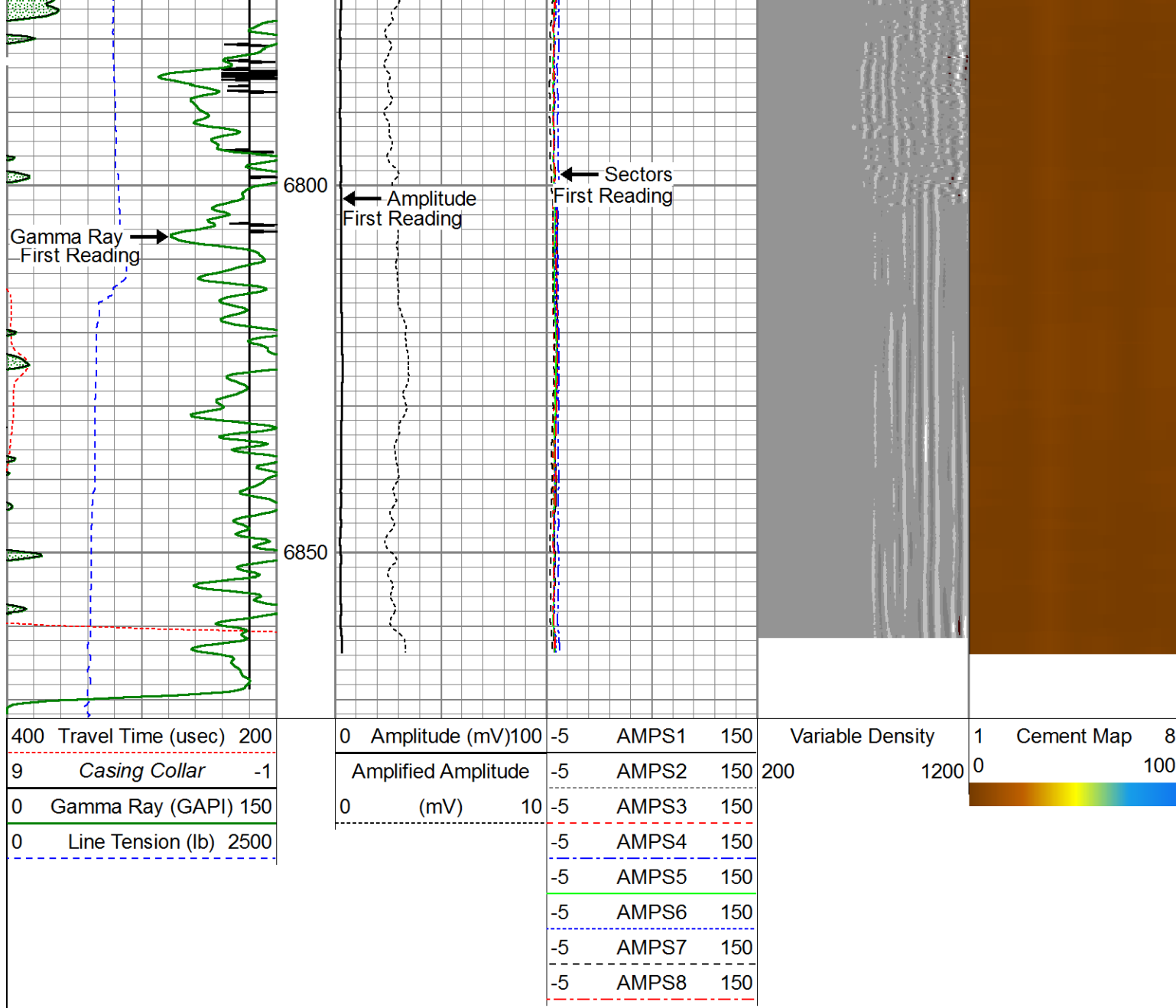






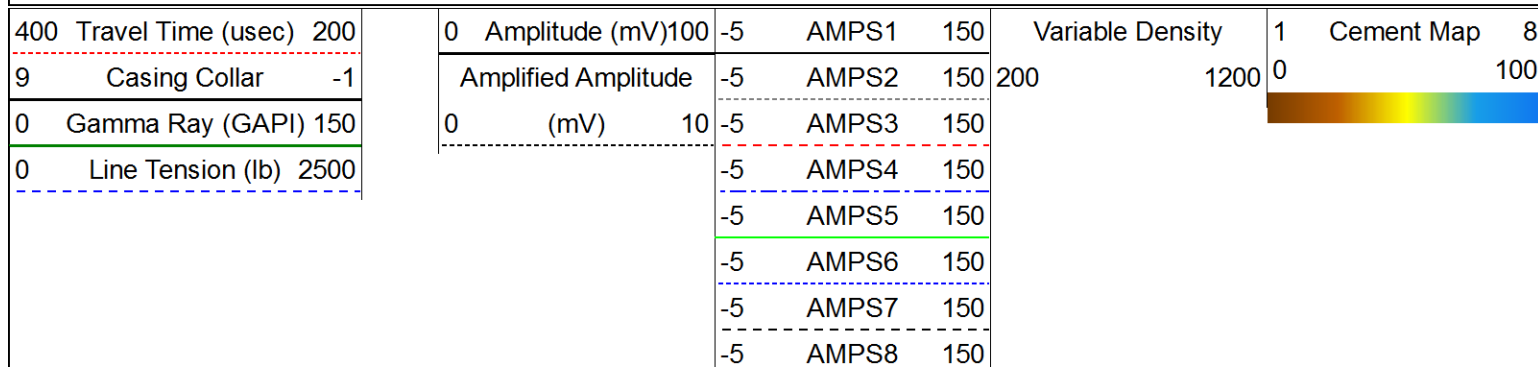


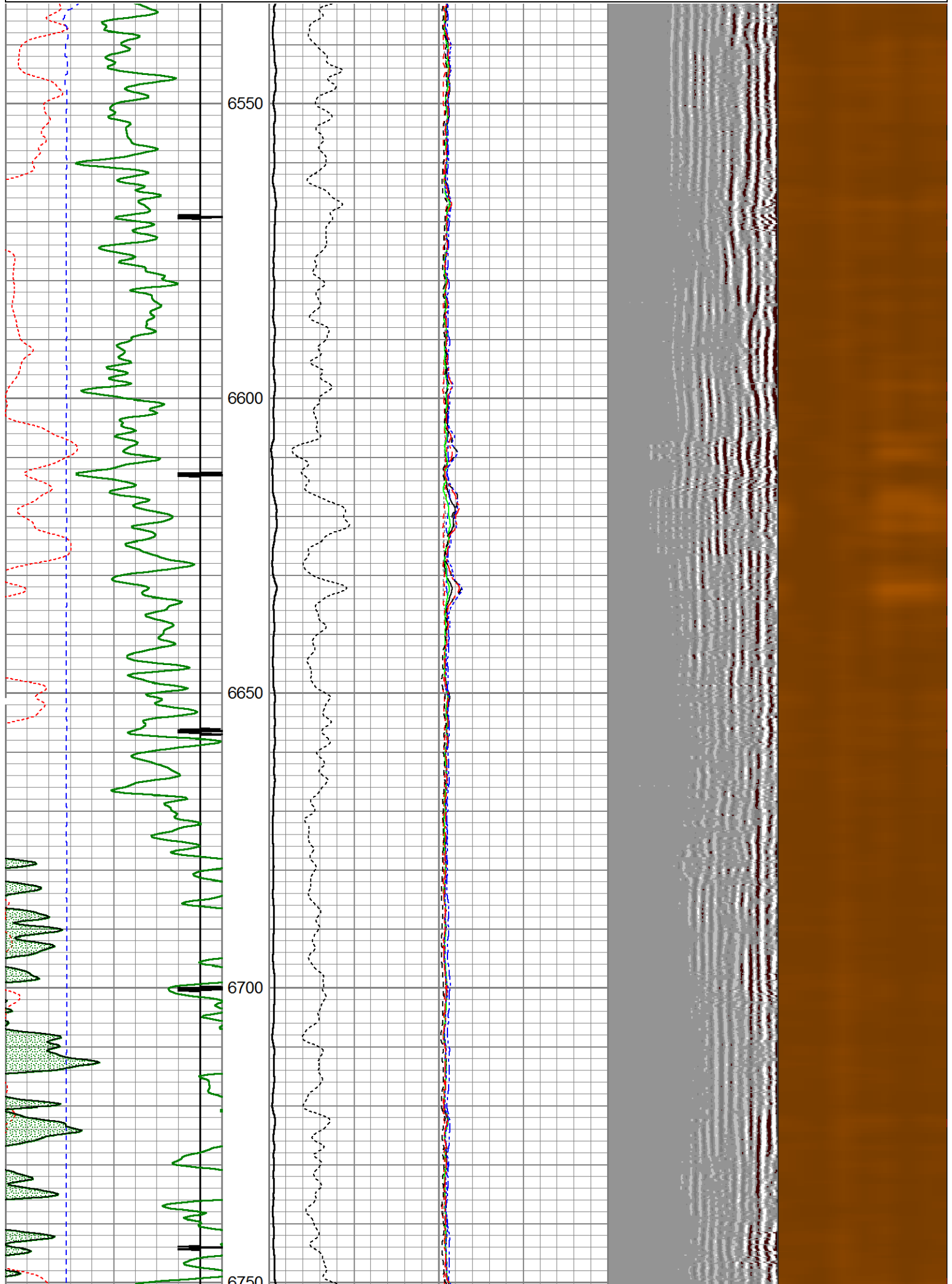


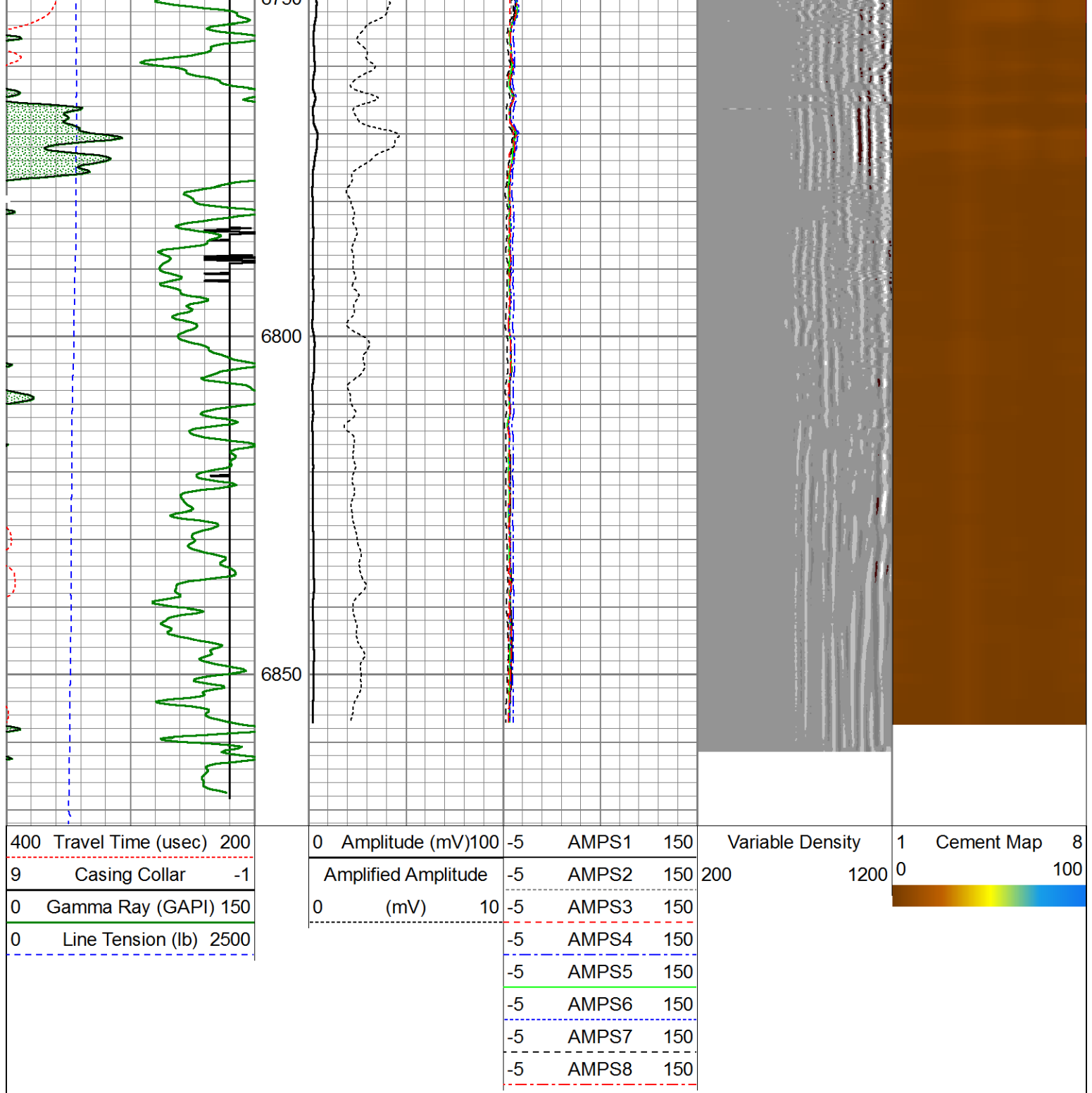


Repeat Pass (0) PSI

Database File: c:\users\engineers\desktop\brtn logs\noble\wells ranch usx aa 27-69-1h\n\noble_wells_ranch_usx_aa27_6
 Dataset Pathname: pass6
 Presentation Format: scbl03
 Dataset Creation: Tue Sep 10 11:15:11 2013 by Log SCH 120126
 Charted by: Depth in Feet scaled 1:240







Calibration Report		
Database File:	C:\Users\Engineers\Desktop\BRTN LOGS\Noble\Wells Ranch USX AA 27-69-1HN\noble_wells_ranch_usx	
Dataset Pathname:	pass10	
Dataset Creation:	Tue Sep 10 12:36:47 2013 by Calc SCH 120126	
Gamma Ray Calibration Report		
Serial Number:	110108-Dig	
Tool Model:	Probe275	
Performed:	Wed Jul 10 19:14:22 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: Tue Sep 10 11:00:27 2013

	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	1	

Segmented Cement Bond Log Calibration Report

Serial Number: 101224
 Tool Model: Probe

Calibration Casing Diameter: 7.000 in
 Calibration Depth: 1195.046 ft

Master Calibration, performed Tue Sep 10 11:08:37 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.014	0.612	1.000	62.165	82.076	3.356
CAL	-0.013	0.737				
5'	-0.013	0.598	1.000	62.165	100.133	2.294
SUM						
S1	-0.006	0.659	0.000	100.000	127.132	0.968
S2	-0.010	0.586	0.000	100.000	141.070	1.628
S3	-0.008	0.535	0.000	100.000	154.840	1.442
S4	-0.027	0.542	0.000	100.000	147.692	4.748
S5	-0.010	0.571	0.000	100.000	144.549	1.735
S6	-0.015	0.611	0.000	100.000	134.083	2.438
S7	0.004	0.646	0.000	100.000	130.835	-0.561
S8	-0.014	0.668	0.000	100.000	123.180	2.003

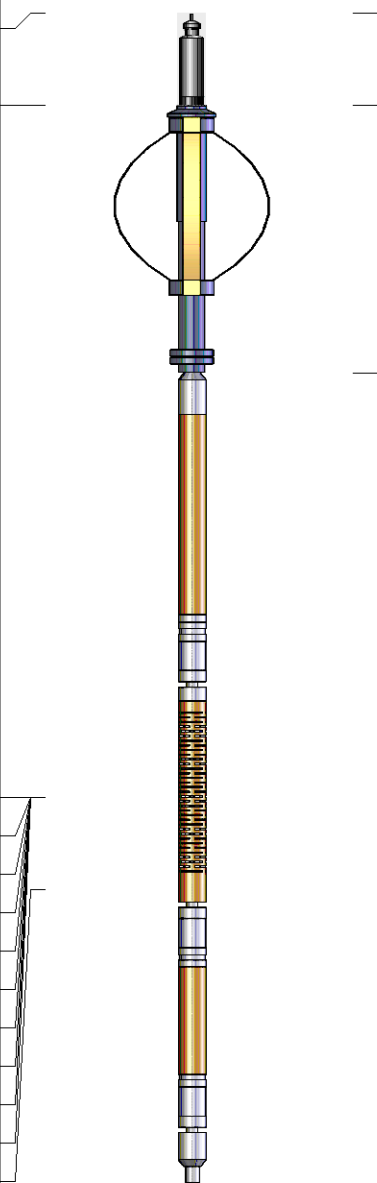
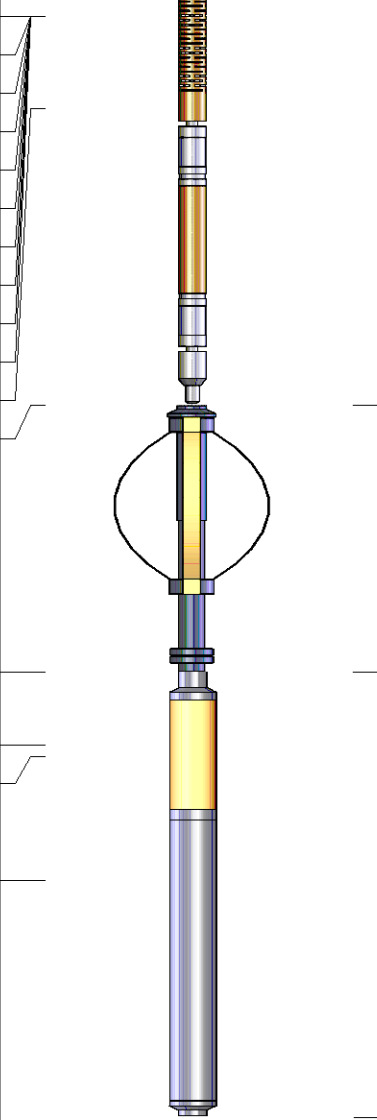
Internal Reference Calibration, performed Wed Jul 10 20:06:34 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.013	0.737	1.000	0.000

Air Zero Calibration, performed Tue Sep 10 10:21:37 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

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)
CHD	20.28		Titan Cable_head	1.00	1.44	10.00
CENT	19.28		Probe275 2.75" Centralizer	2.88	2.75	20.00
WVF3FT	11.84		RBT-Probe (101224) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	90.00
WVFCAL	11.84					
WVFS1	11.84					
WVFS2	11.84					
WVFS3	11.84					
WVFS4	11.84					
WVFS5	11.84					
WVFS6	11.84					
WVFS7	11.84					
WVFS8	11.84					
WVF5FT	10.84					
CENT	7.66		Probe275 2.75" Centralizer	2.88	2.75	20.00
GR	4.78					
TEMP	4.00					
CCL	3.88					
GR	2.54		GR-Probe275 (110108-Dig) Probe 2 3/4" Logging Gamma Ray	4.78	2.75	57.00

		Dataset:	noble_wells_ranch_usx_aa27_69_1hn_rcbl.db:	field/well/run1/pass10		
		Total Length:	20.28	ft		
		Total Weight:	197.00	lb		
		O.D.	2.75	in		