


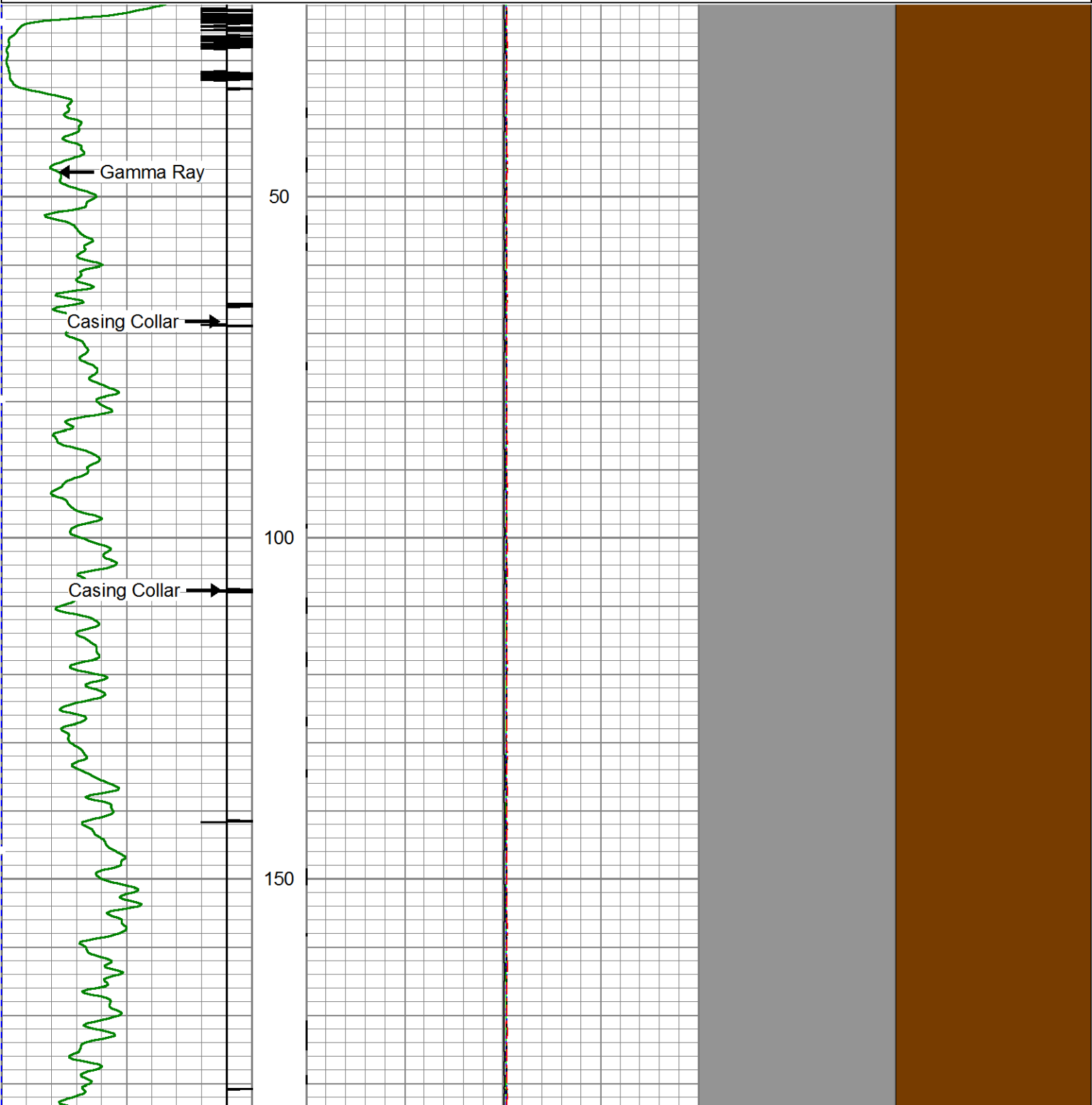
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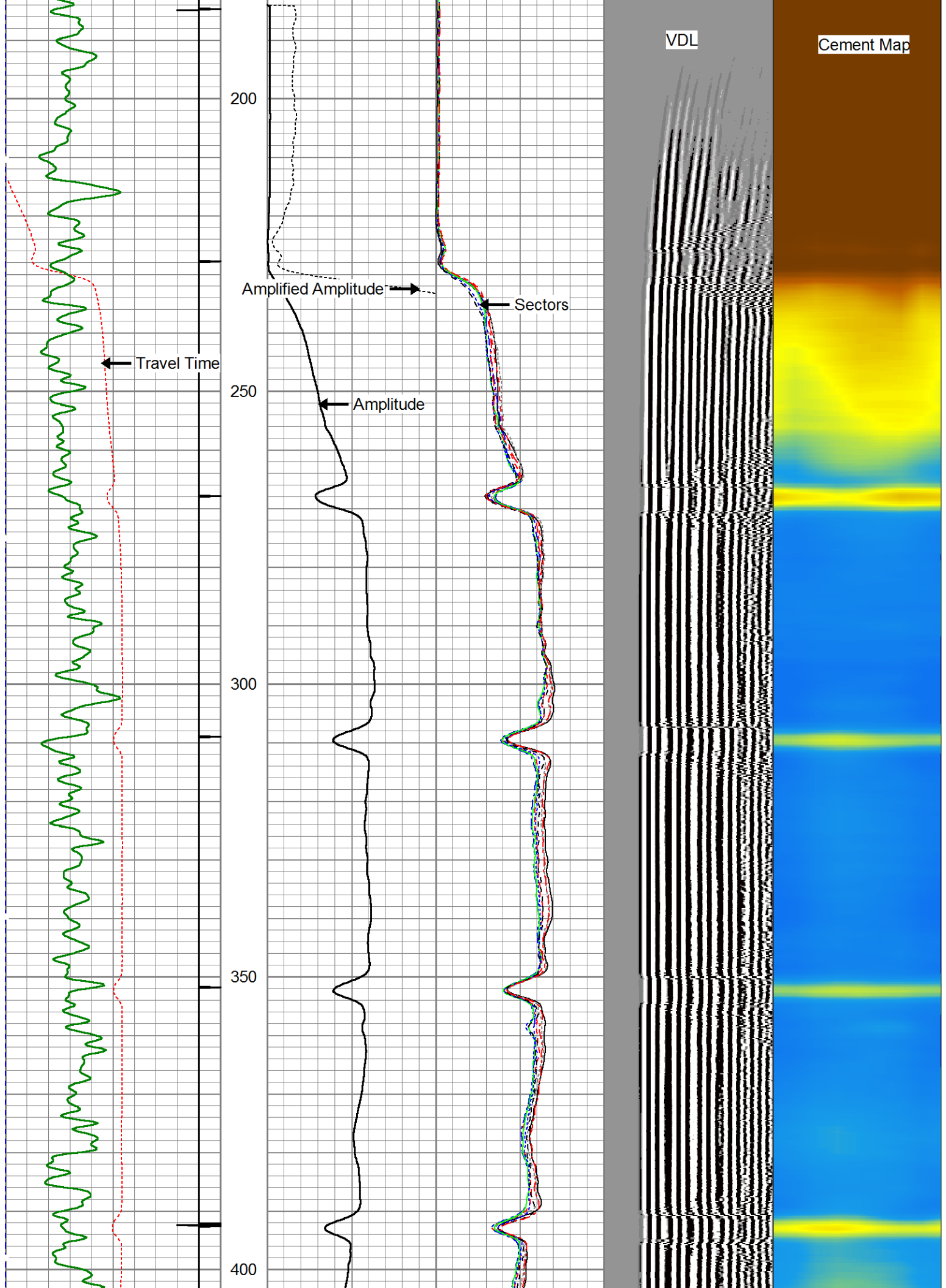
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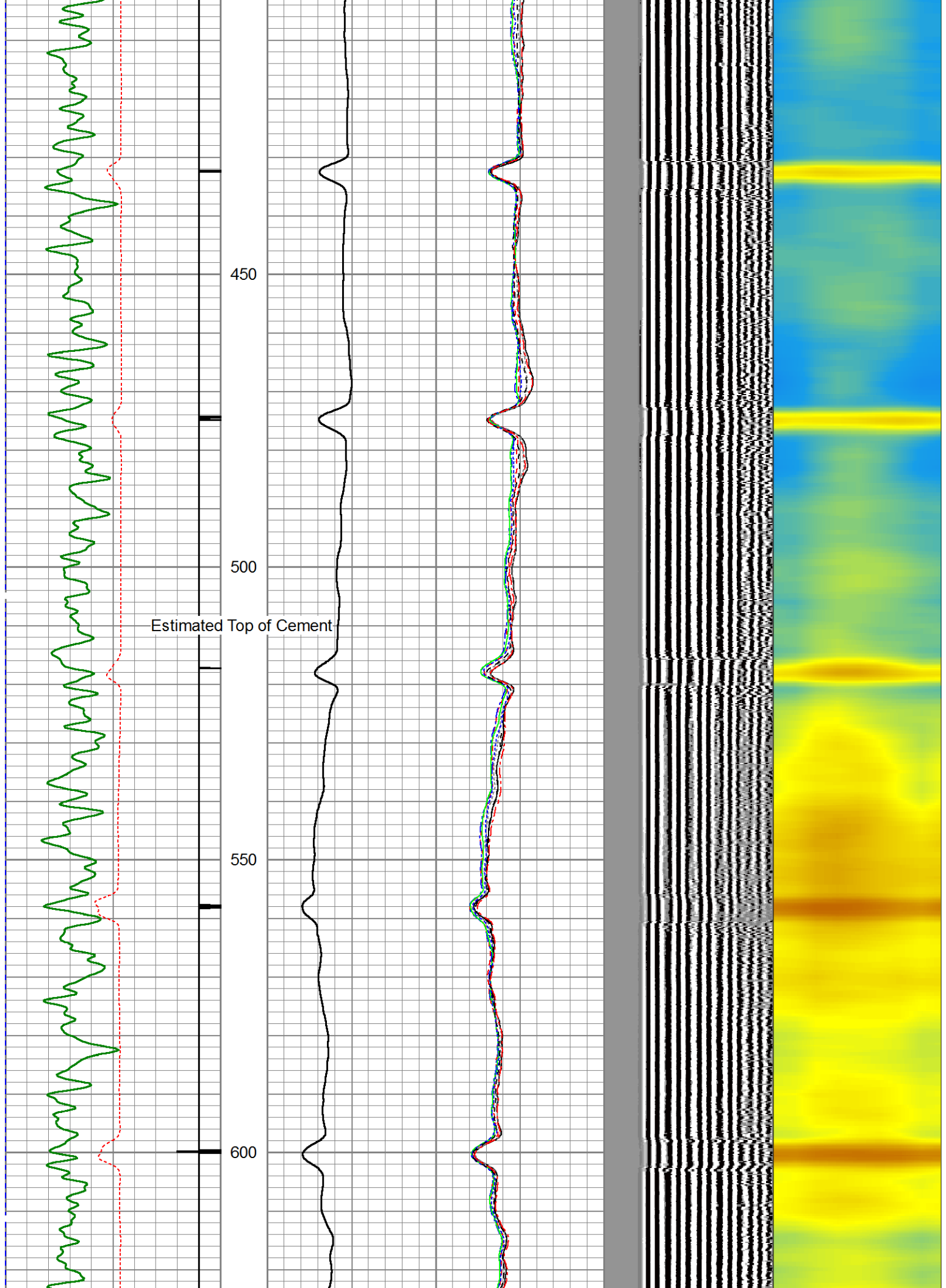
(303)659-4609



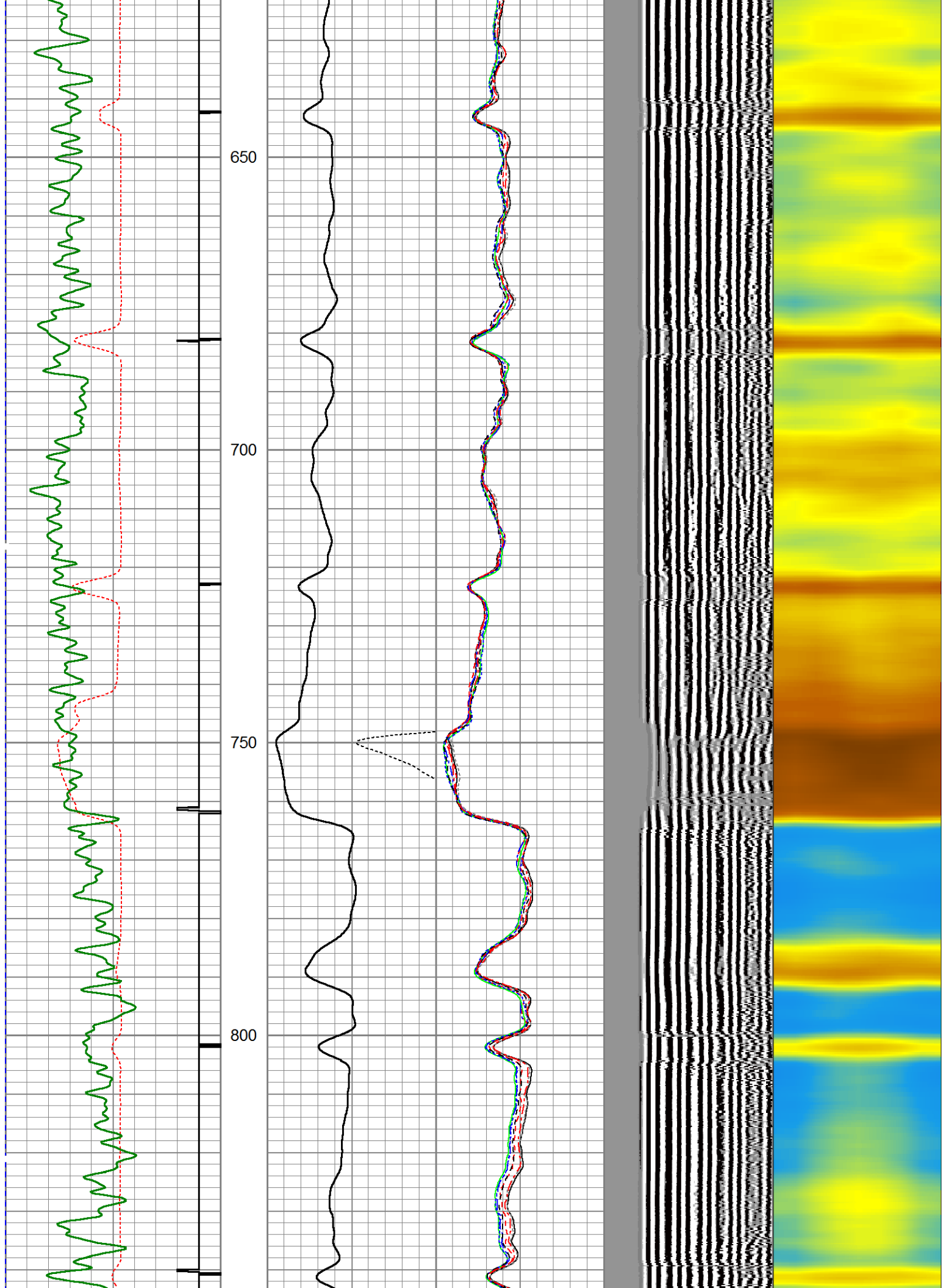
400	Travel Time (usec)	200	0	Amplitude (mV)	100	-5	AMPS1	150	Variable Density		1	Cement Map	8
9	Casing Collar	-1	Amplified Amplitude			-5	AMPS2	150	200	1200	0	100	
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	AMPS3	150					
0	Line Tension (lb)	5000				-5	AMPS4	150					
						-5	AMPS5	150					
						-5	AMPS6	150					
						-5	AMPS7	150					
						-5	AMPS8	150					

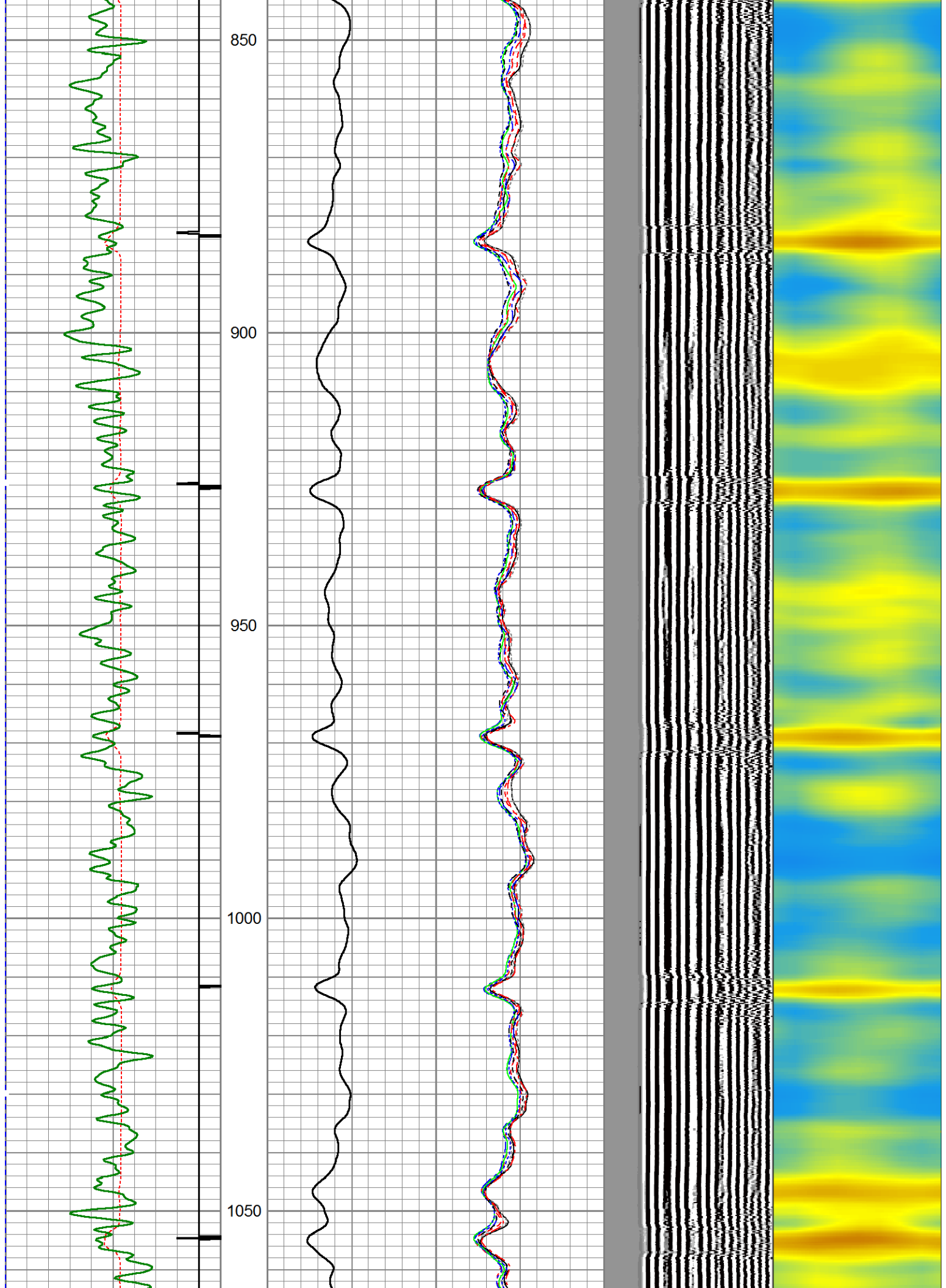


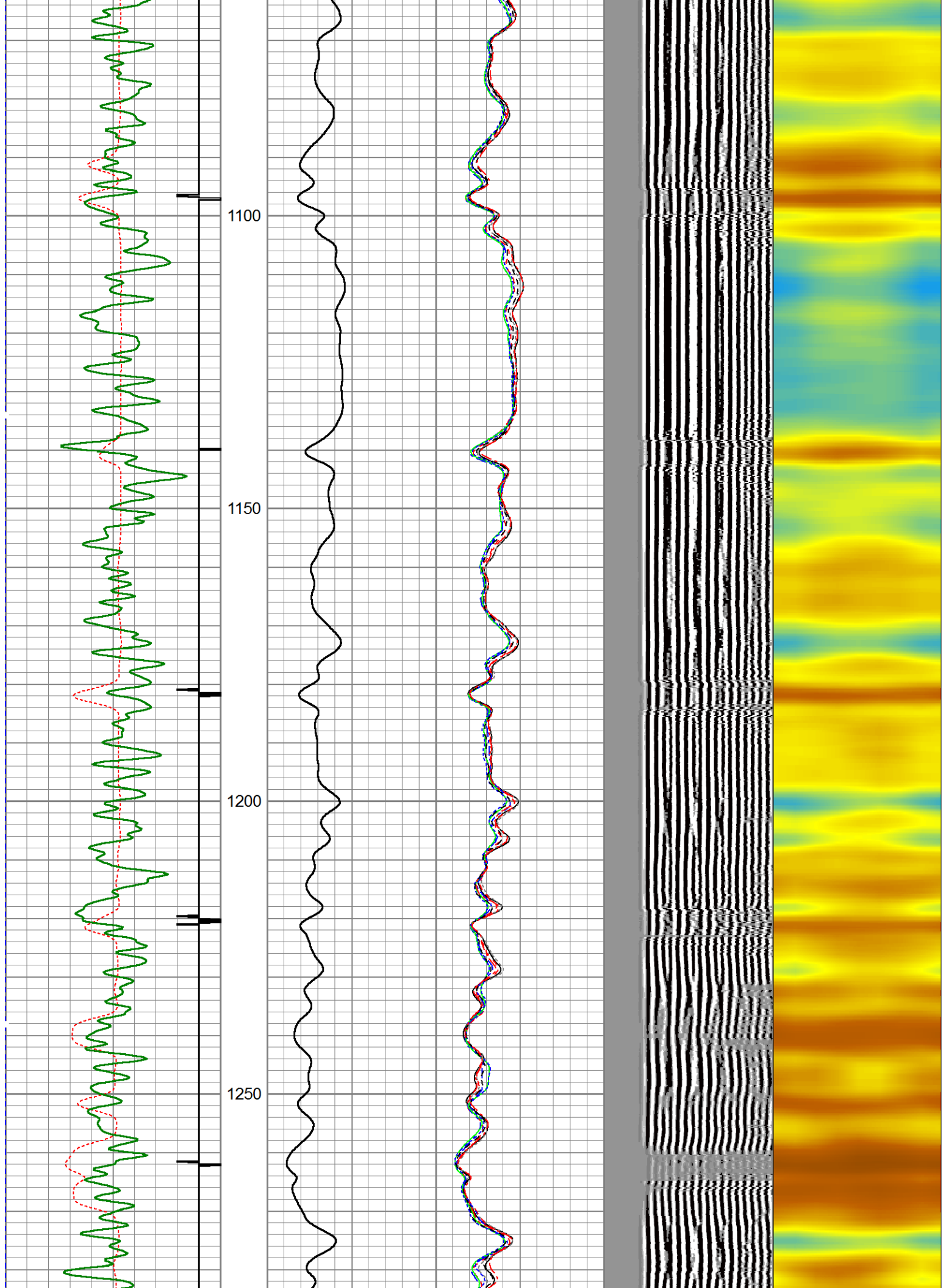


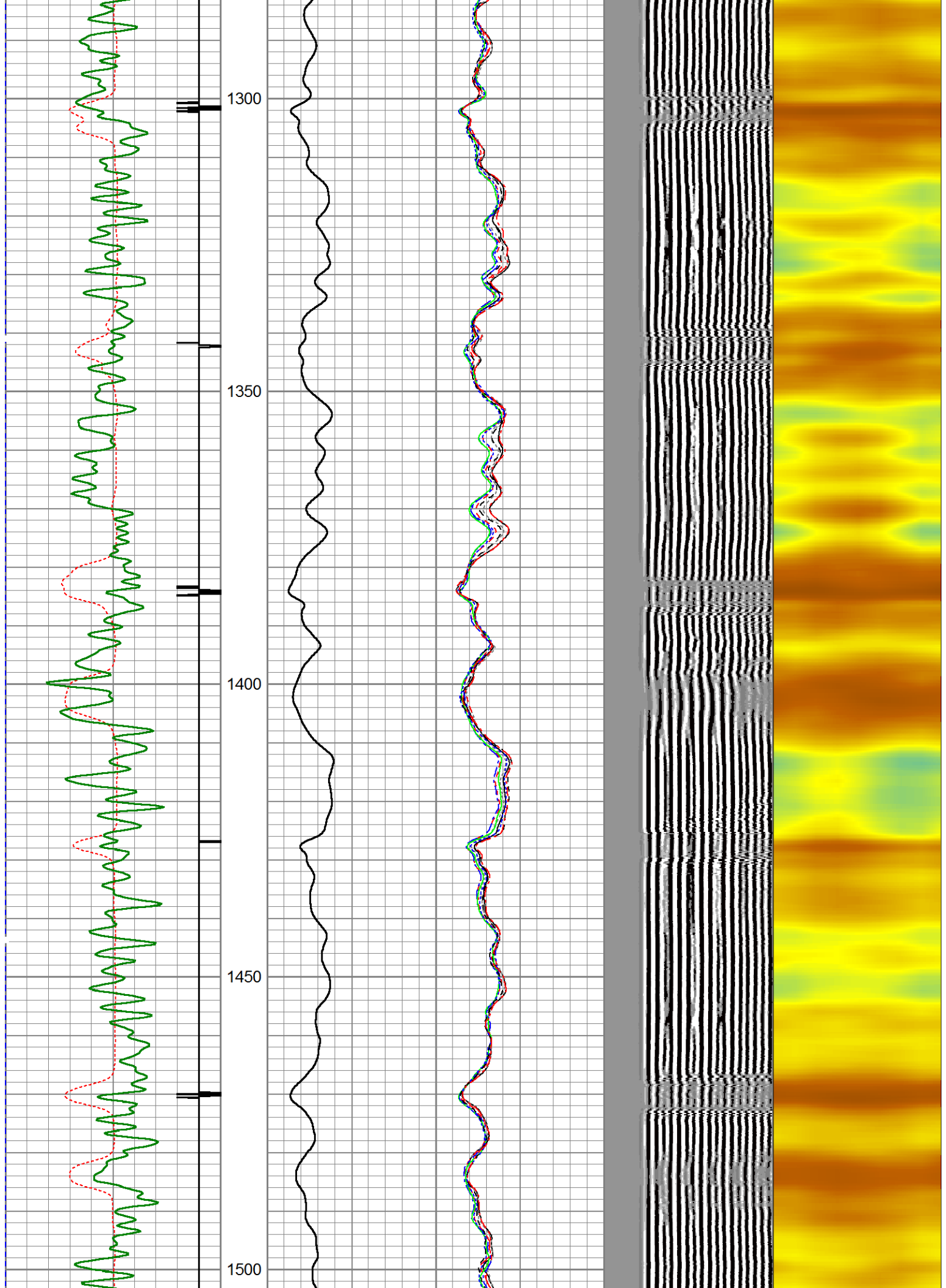




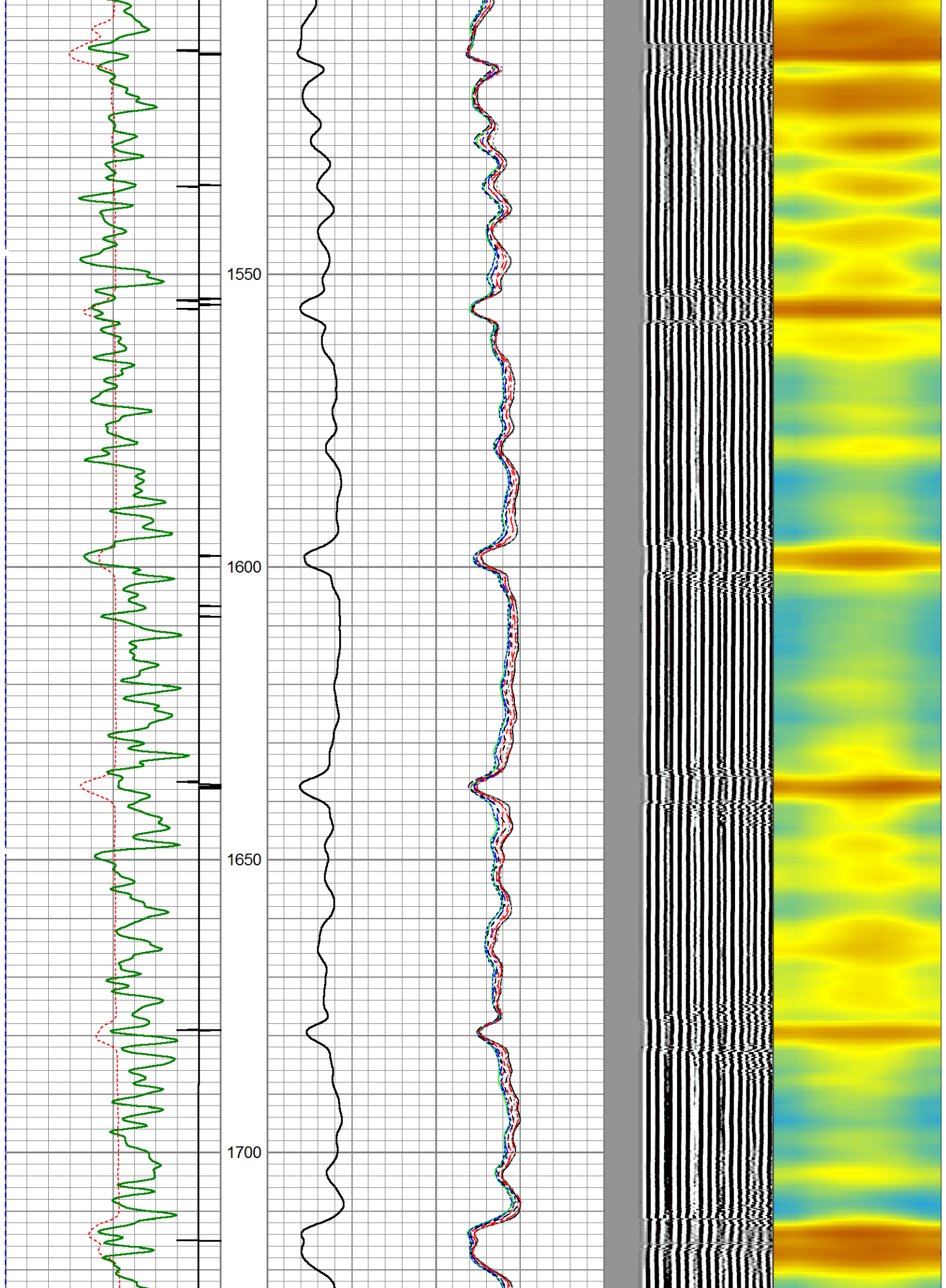


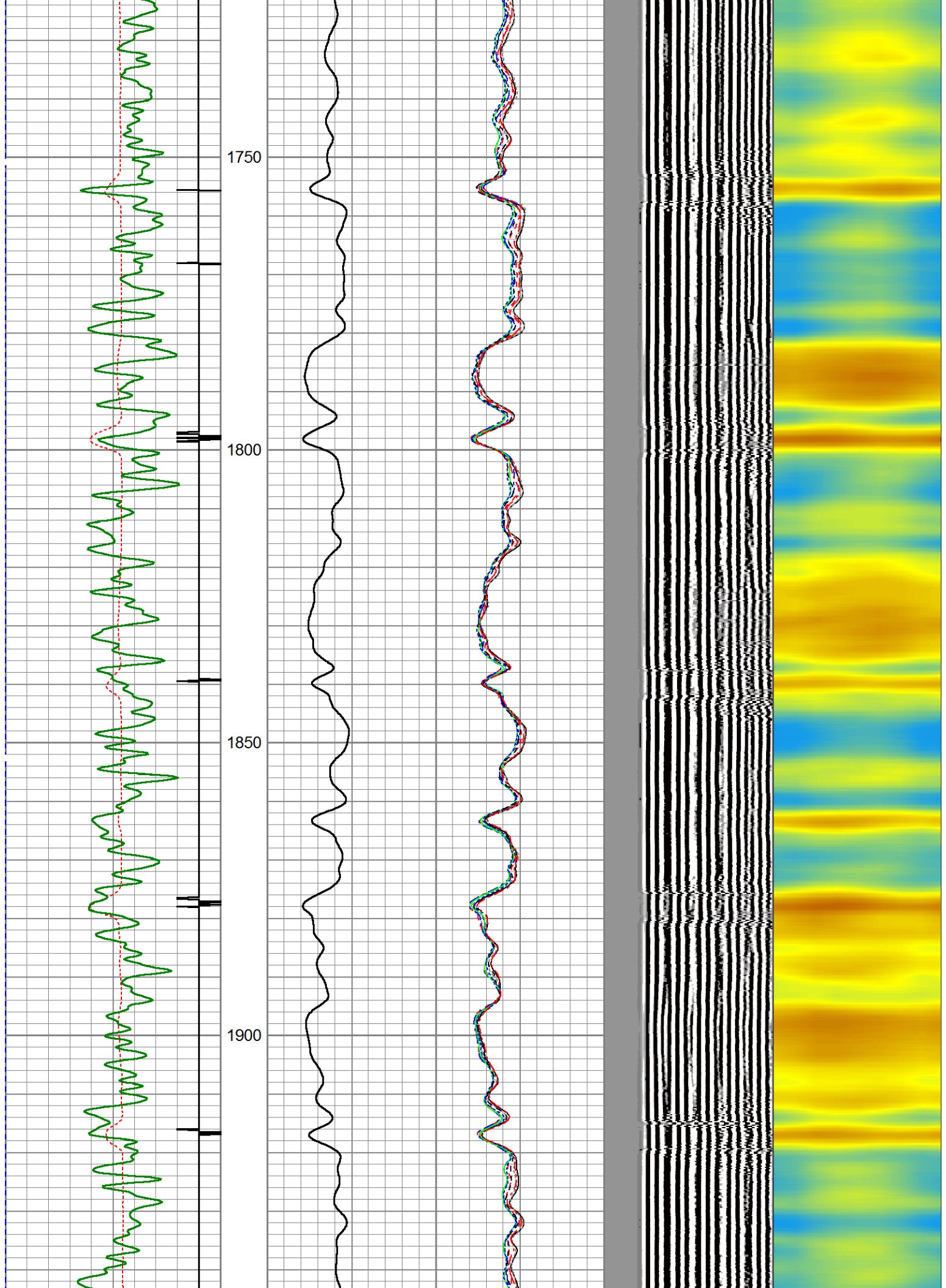




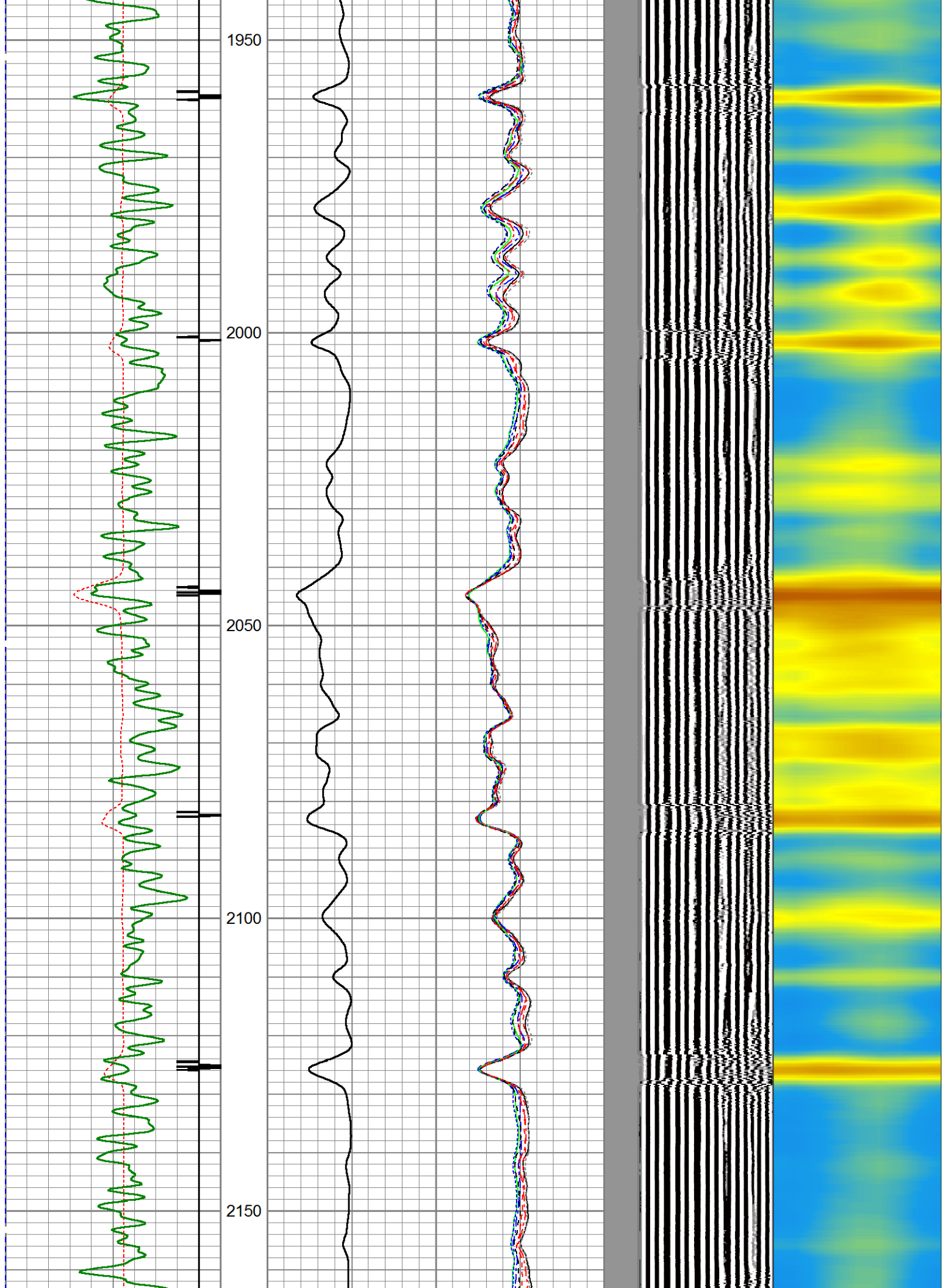


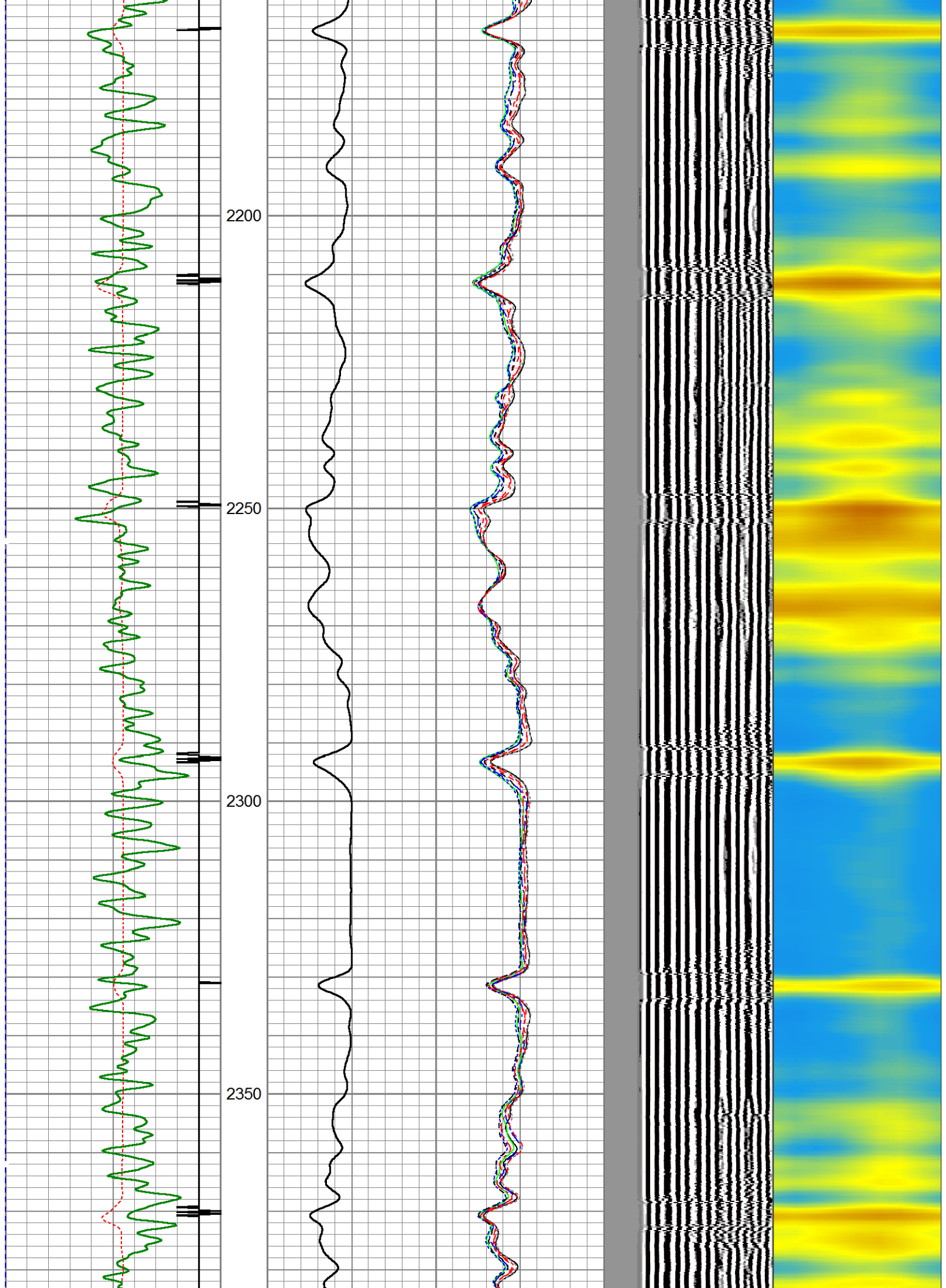


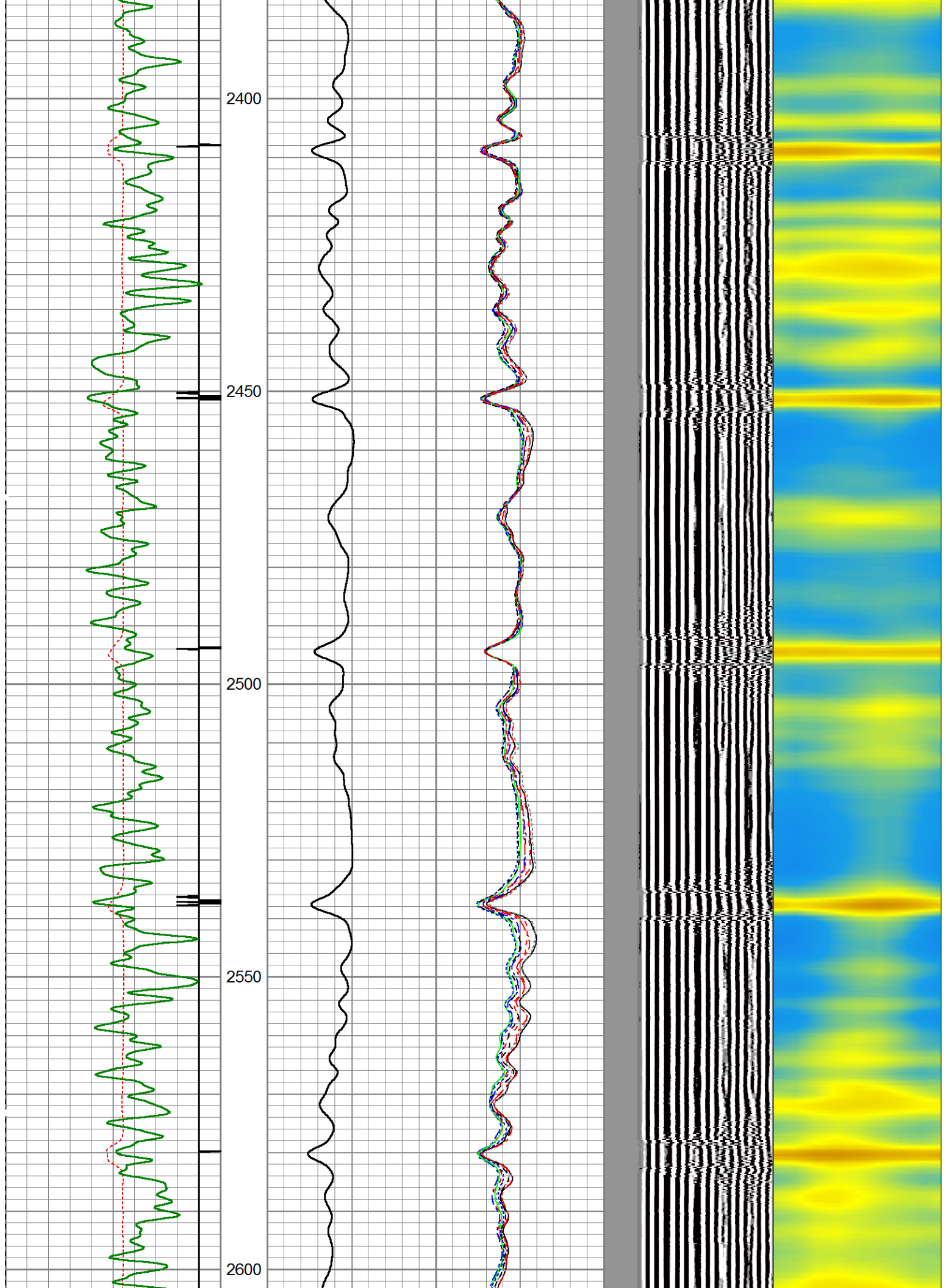


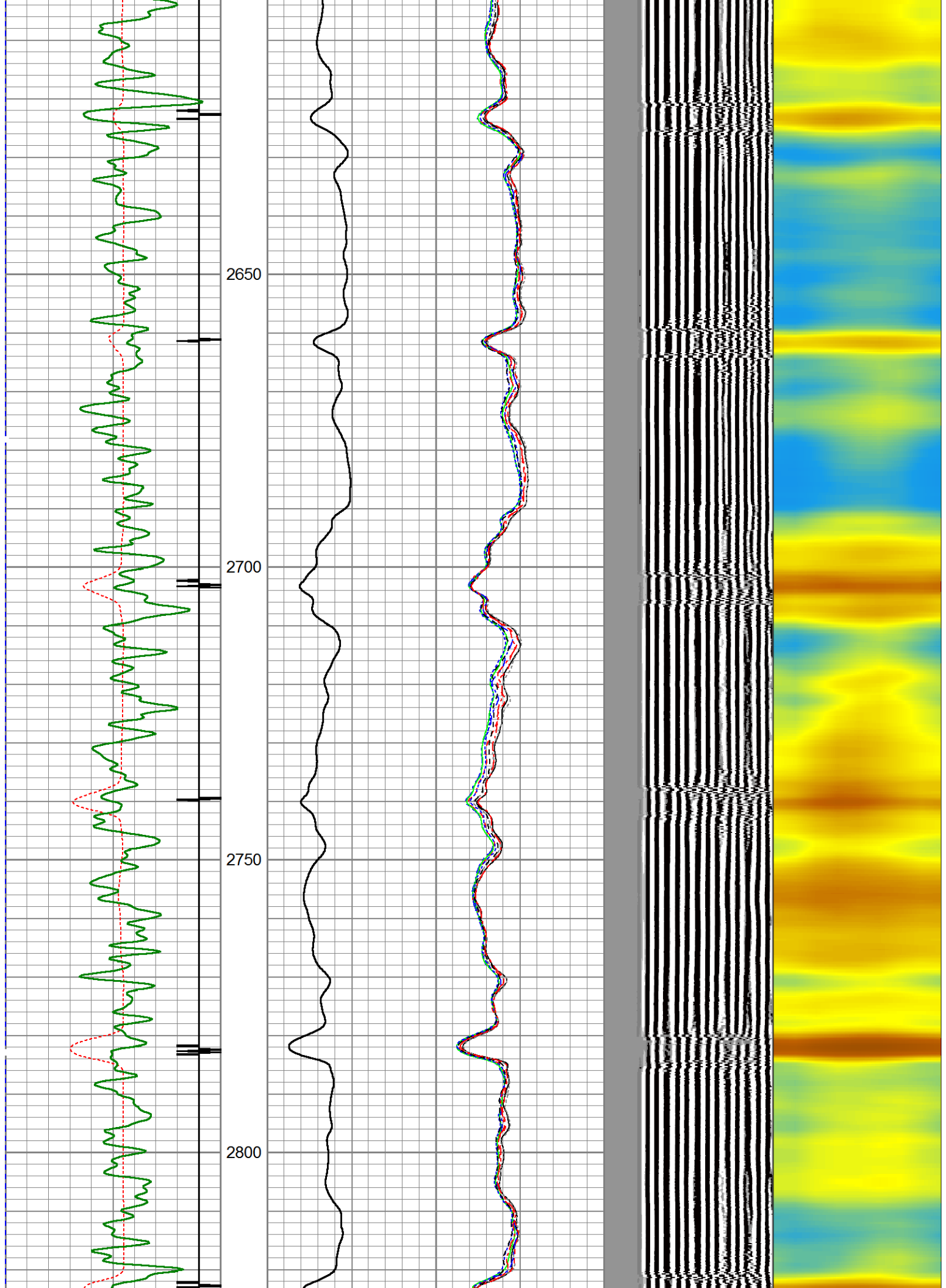


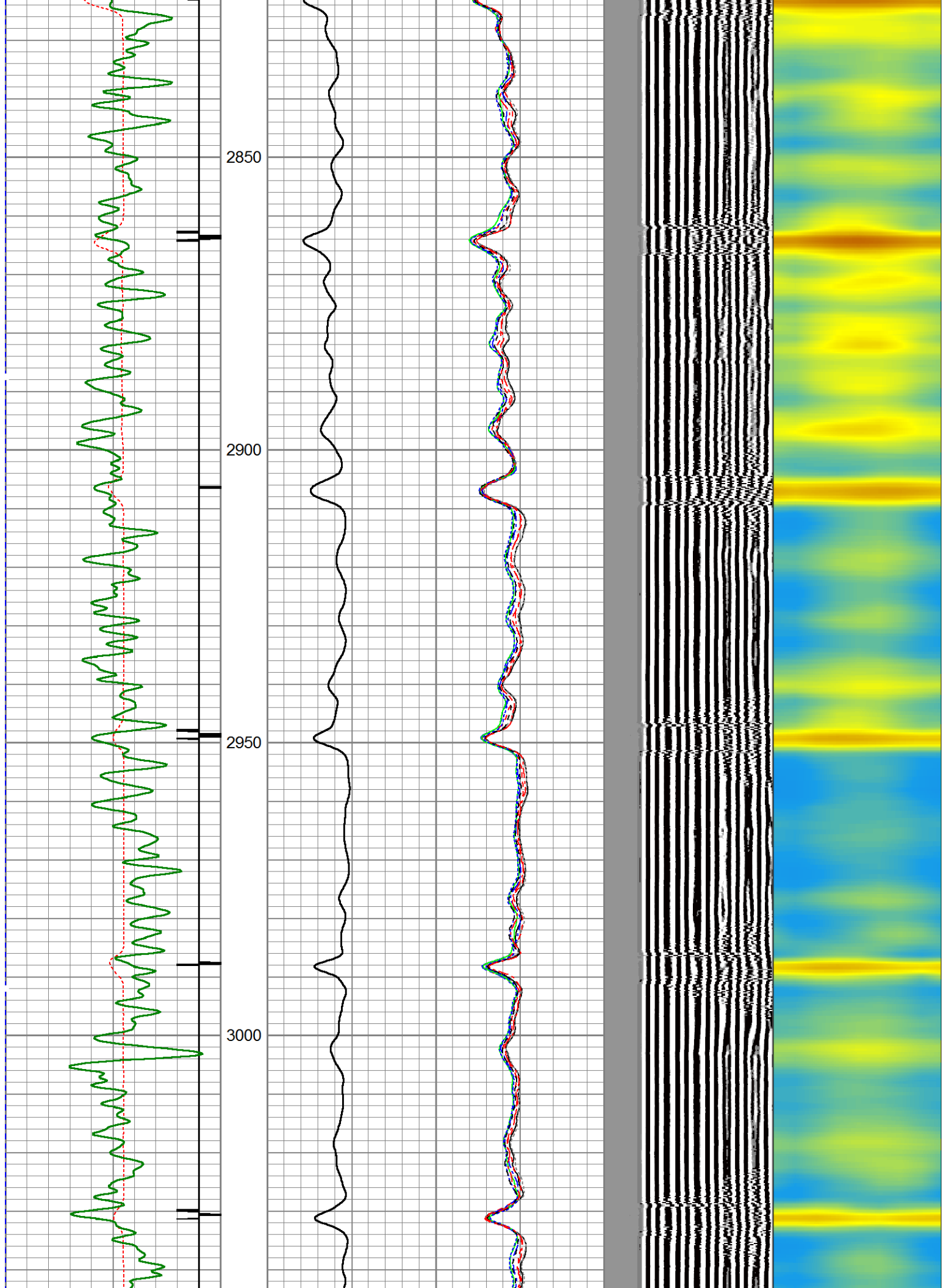




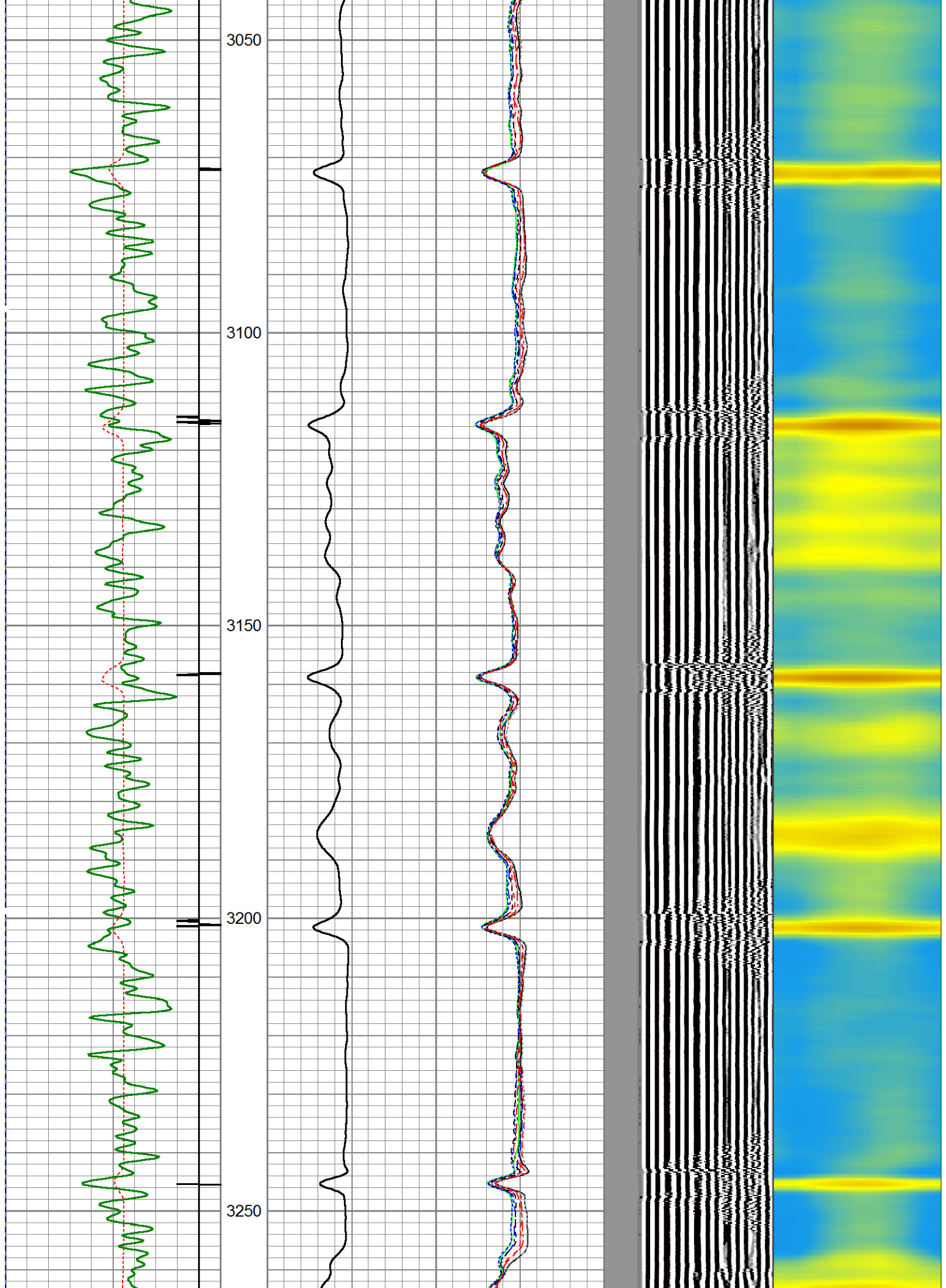




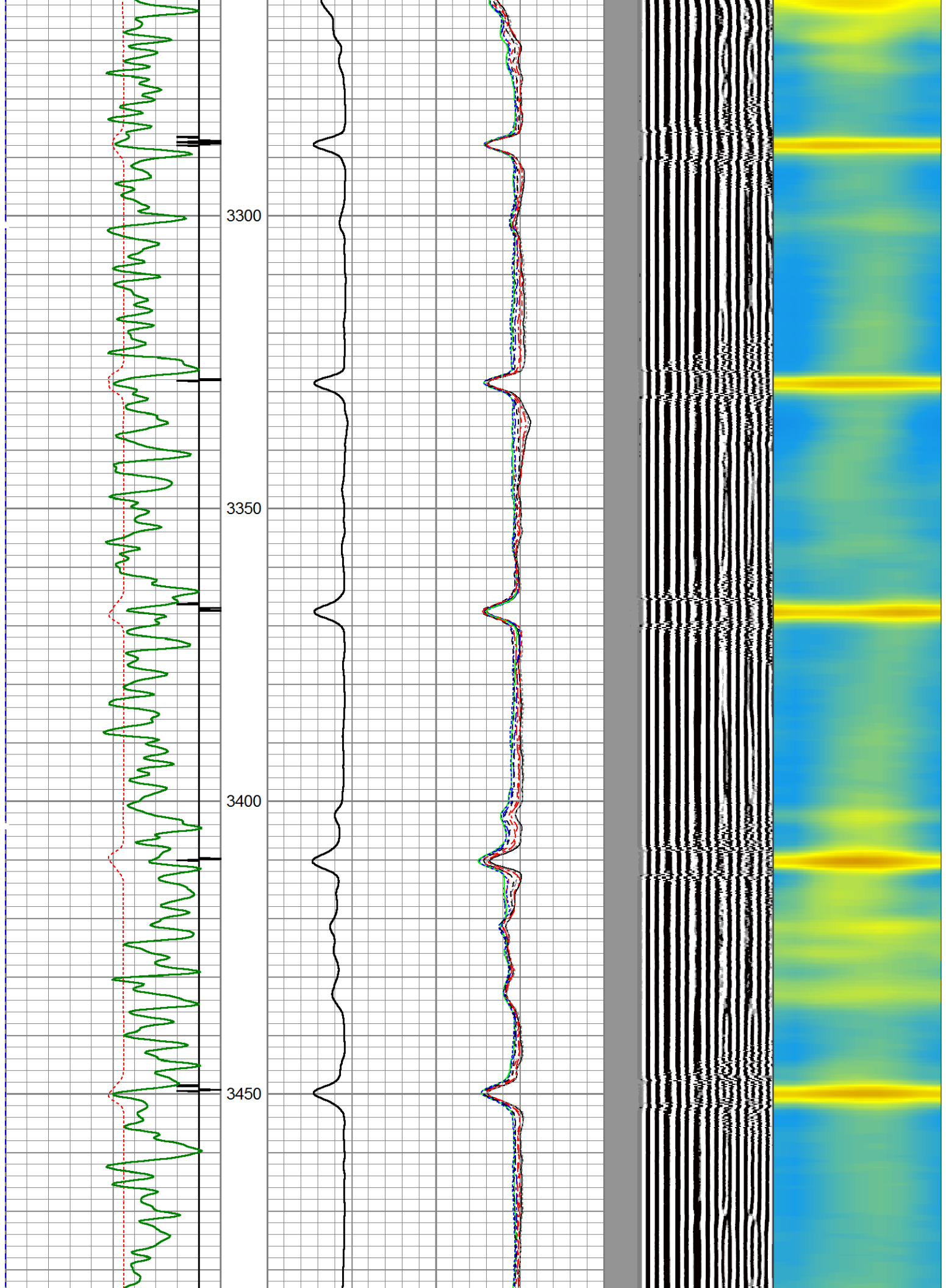


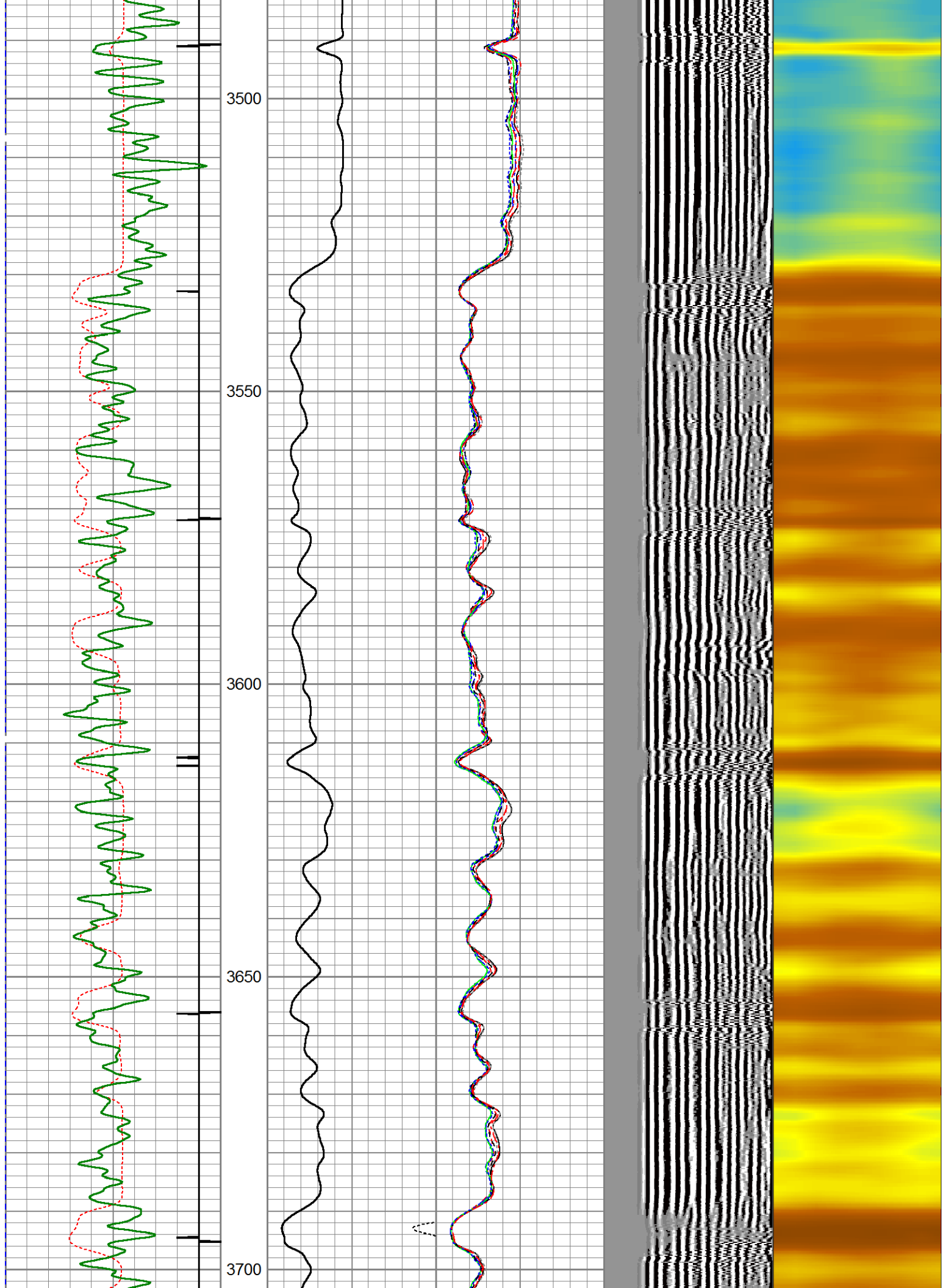


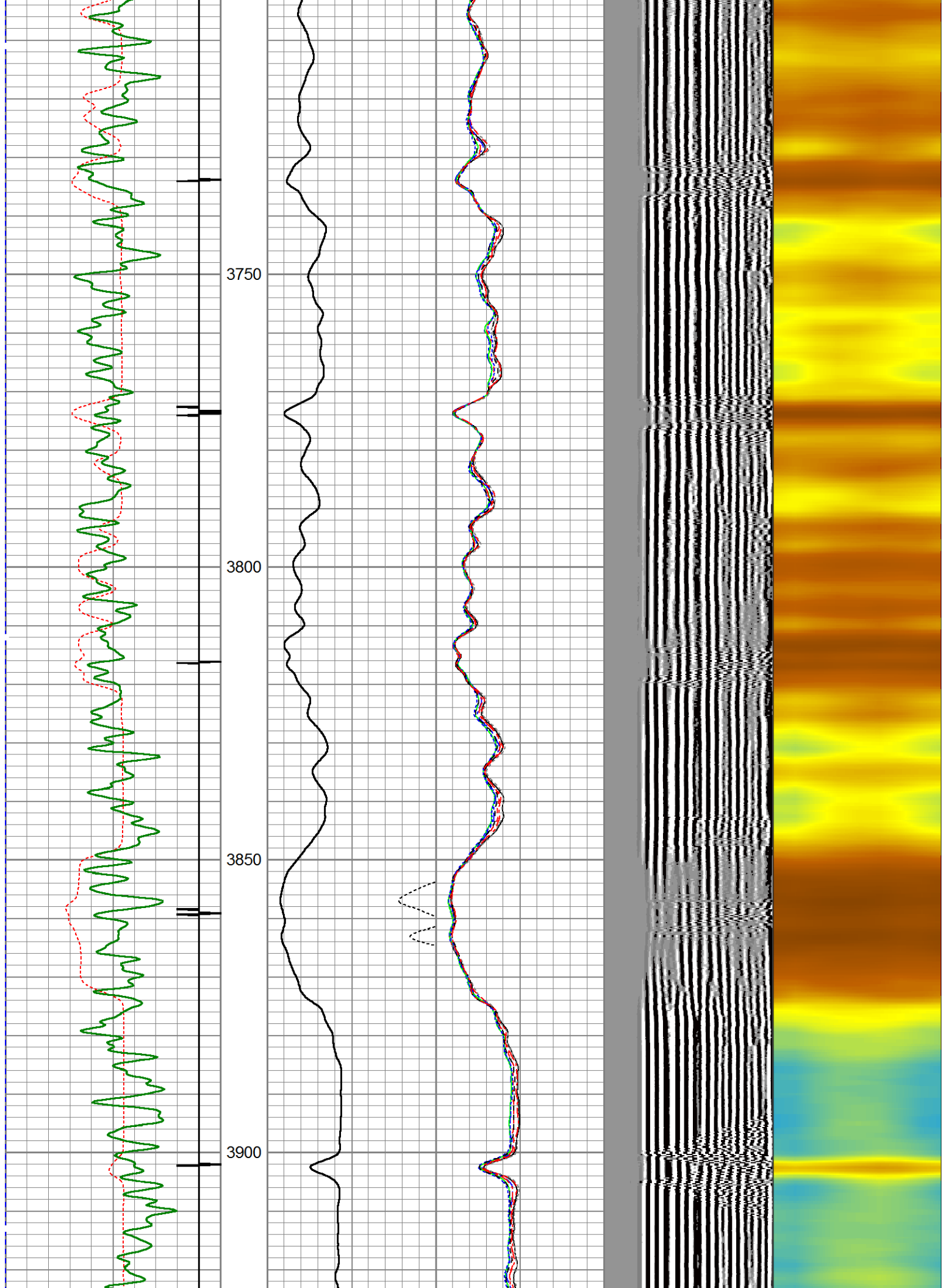


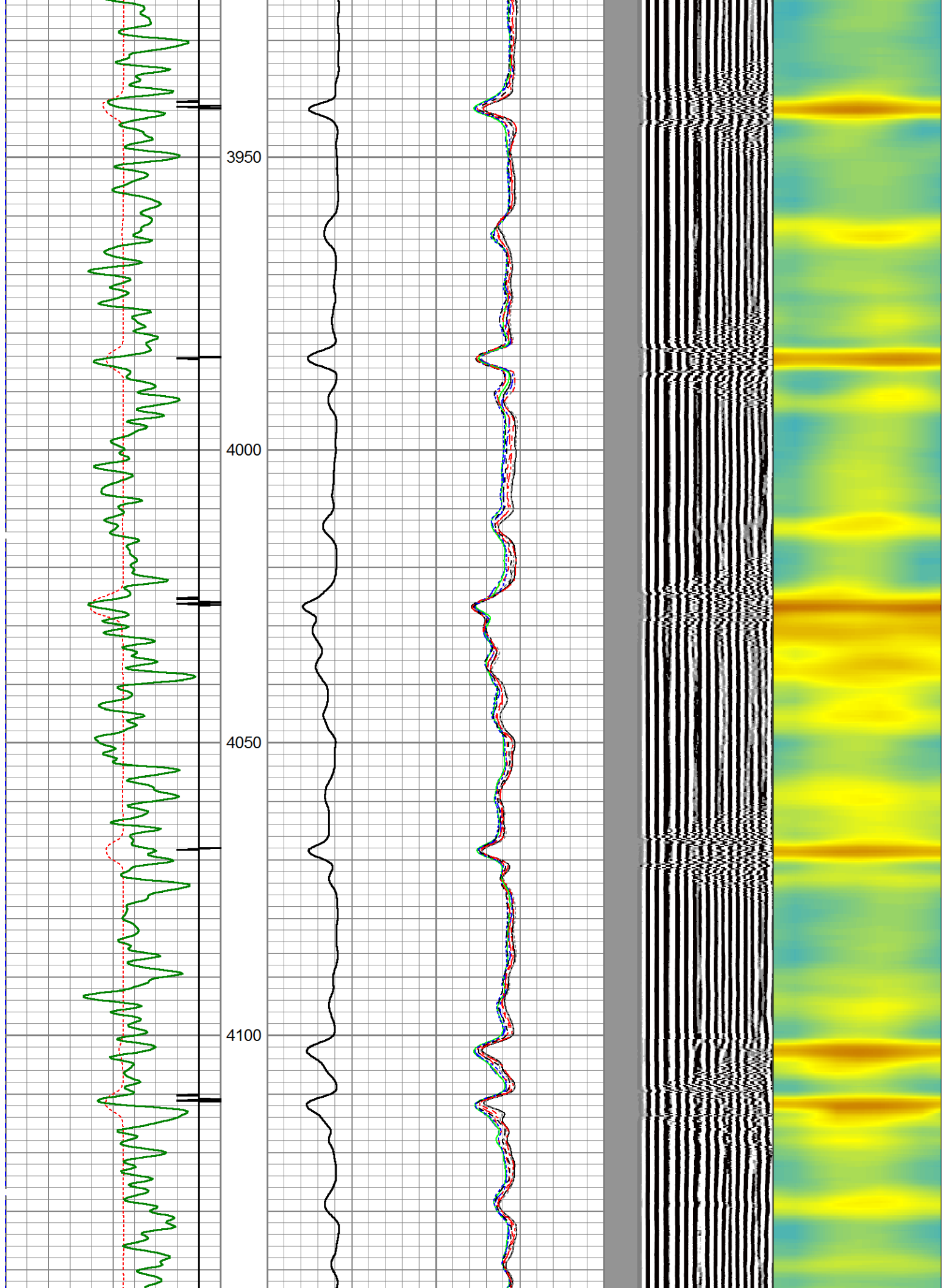


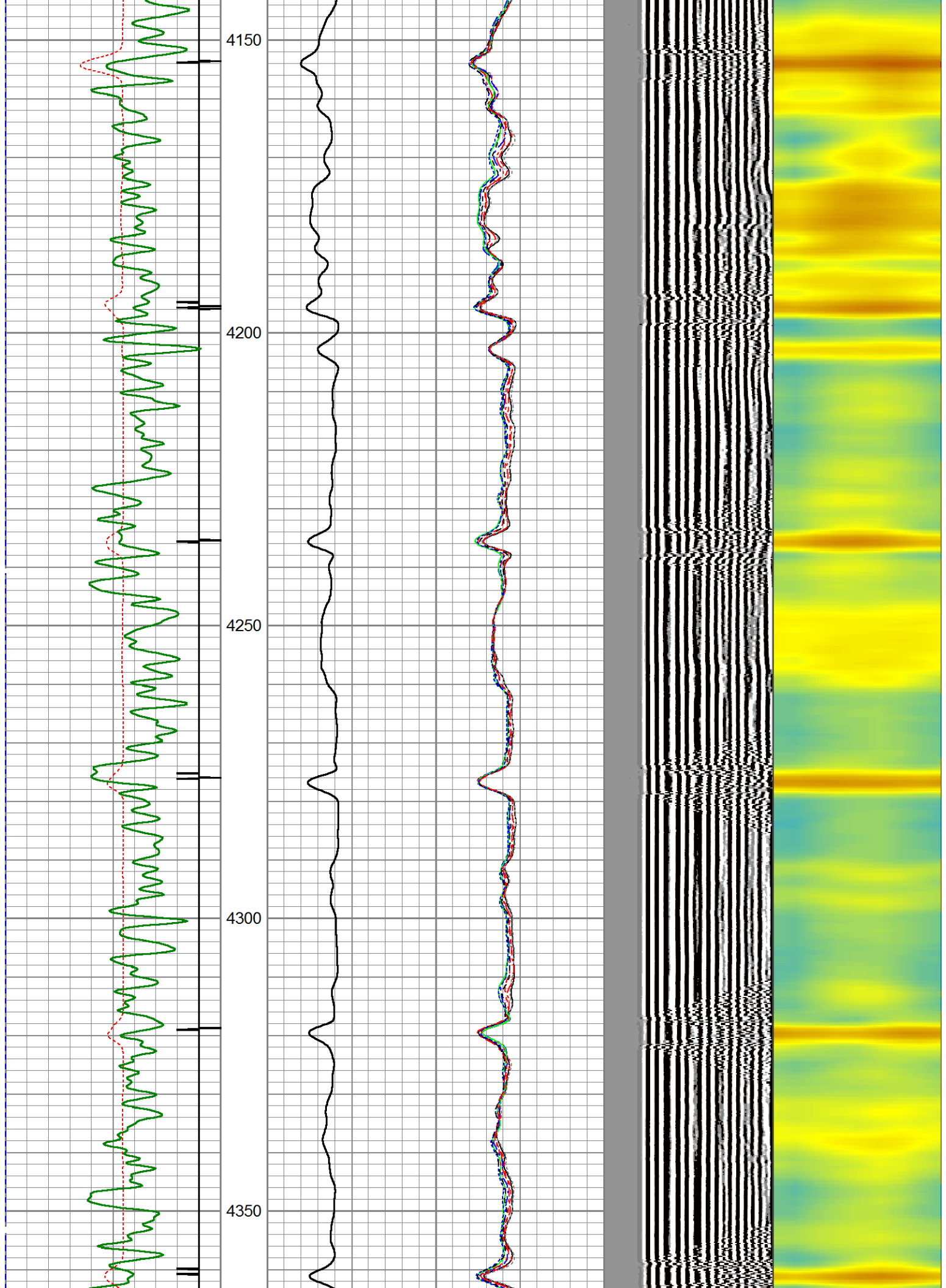




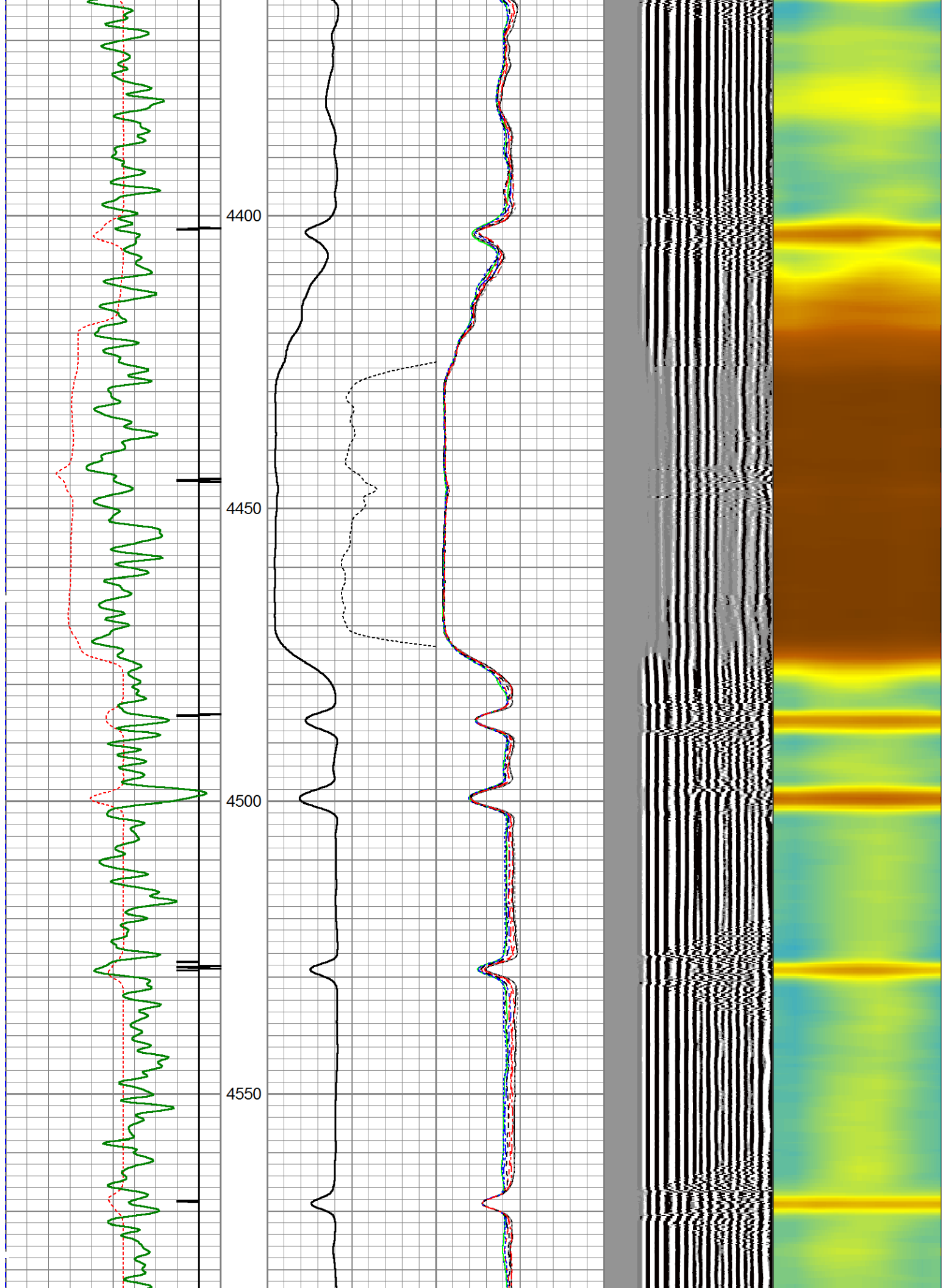




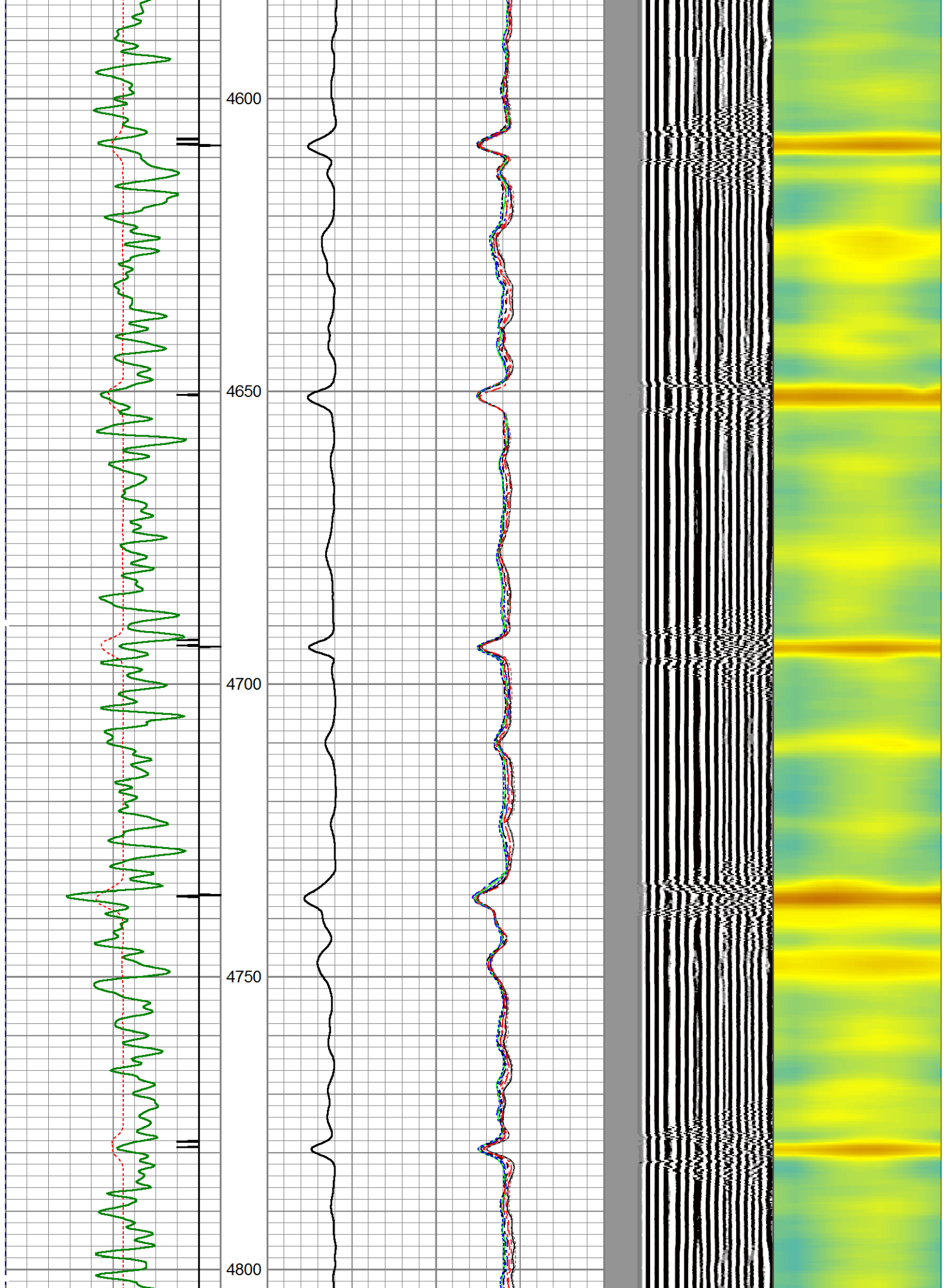


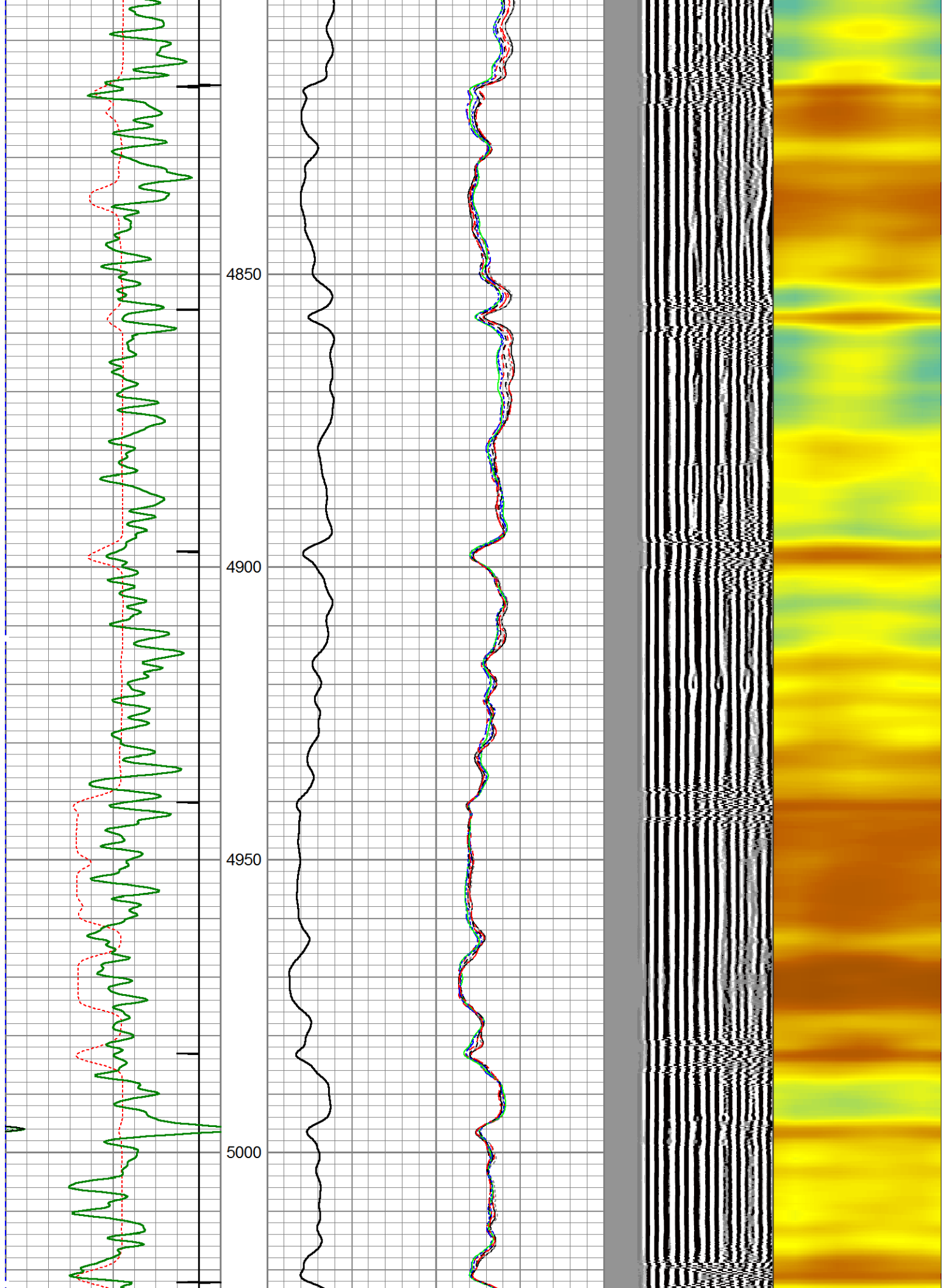


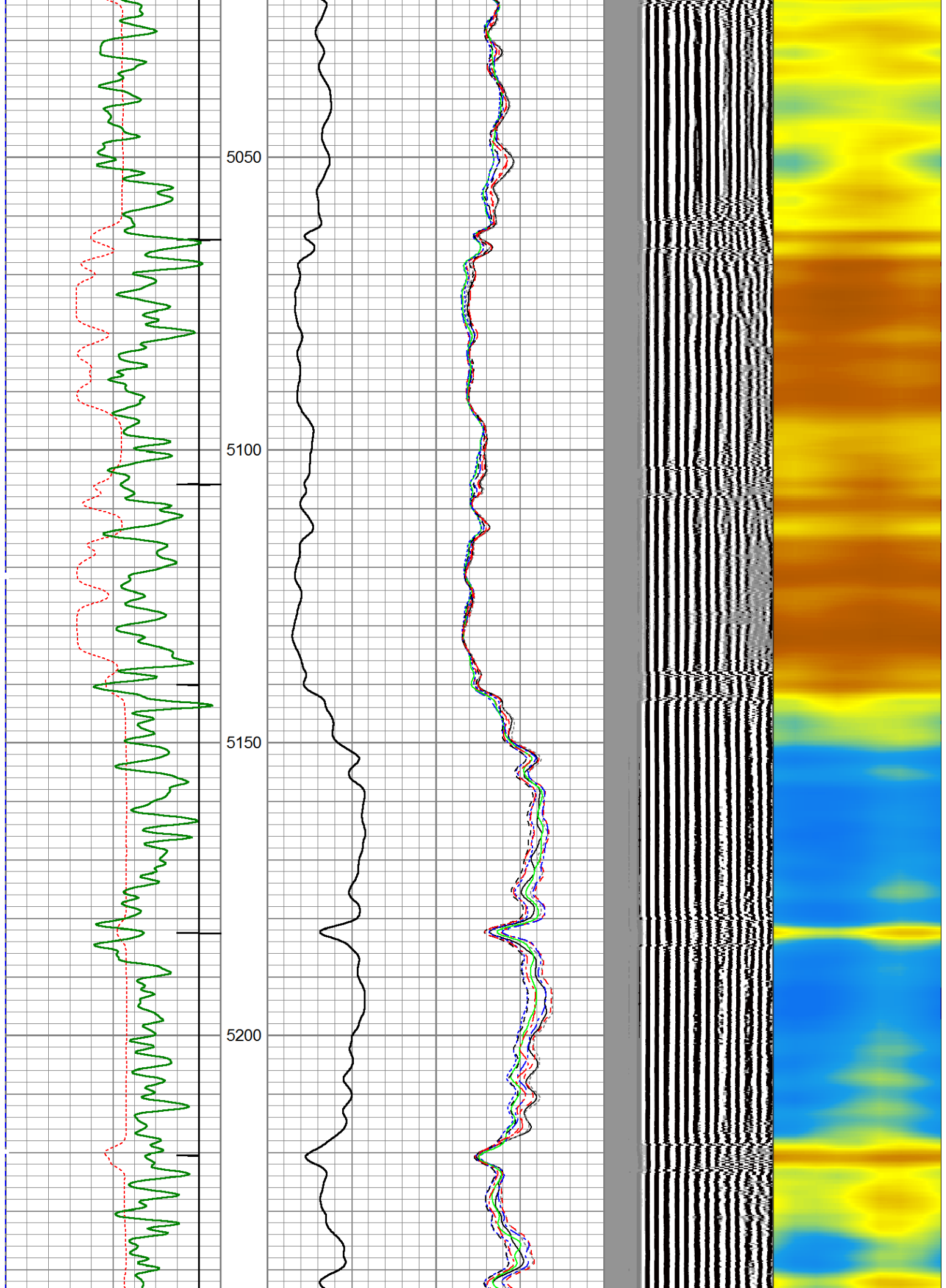


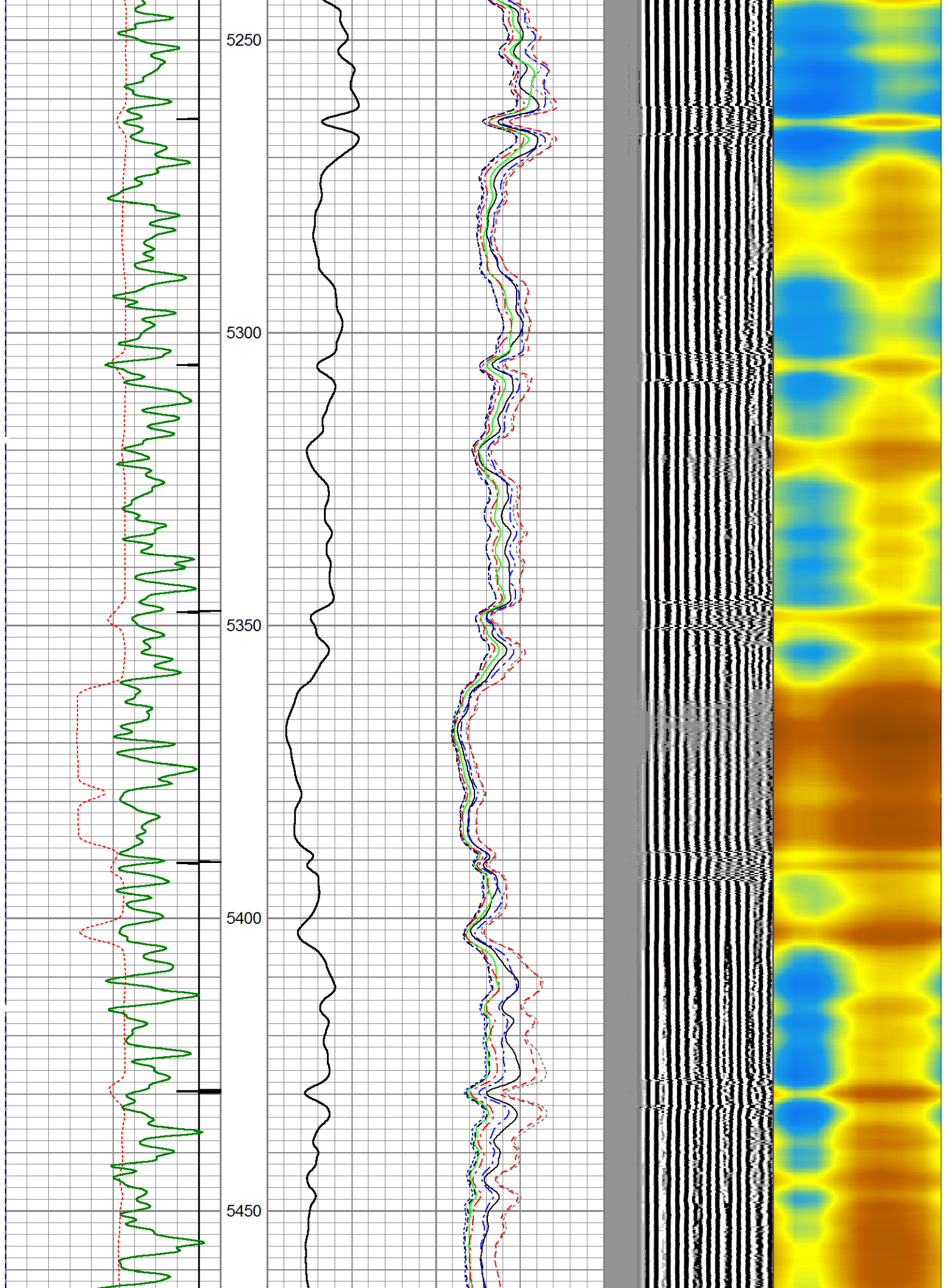




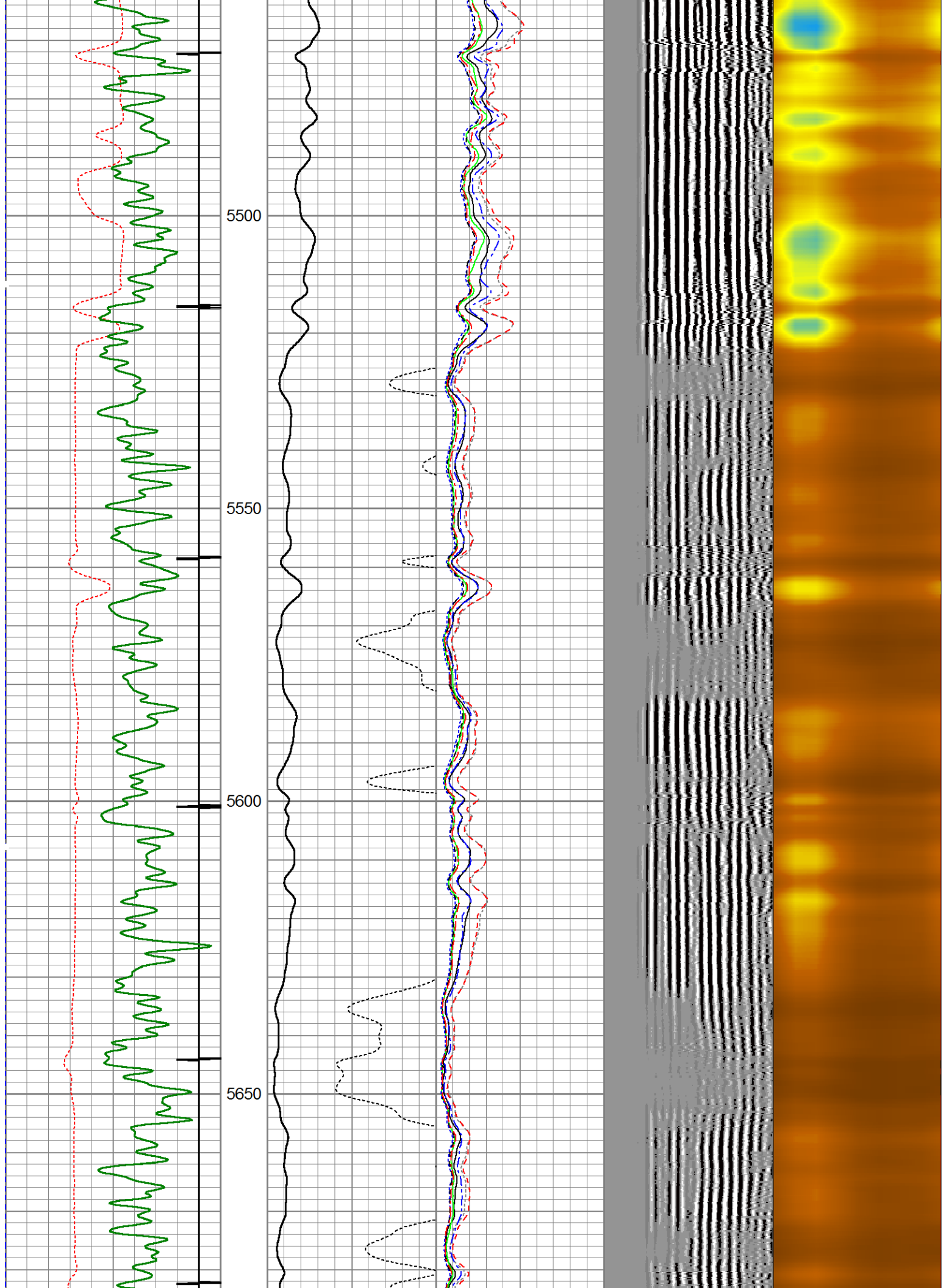


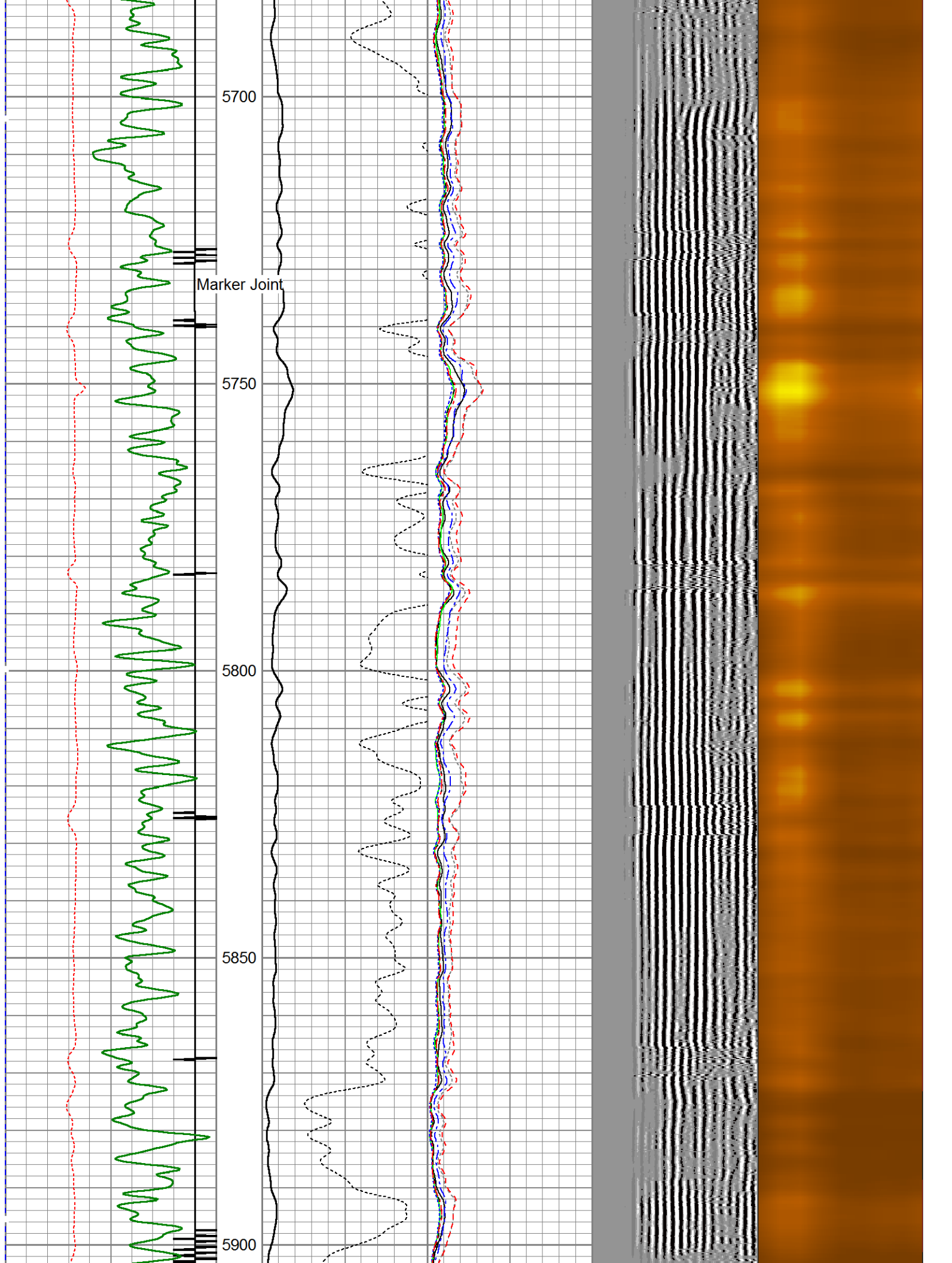




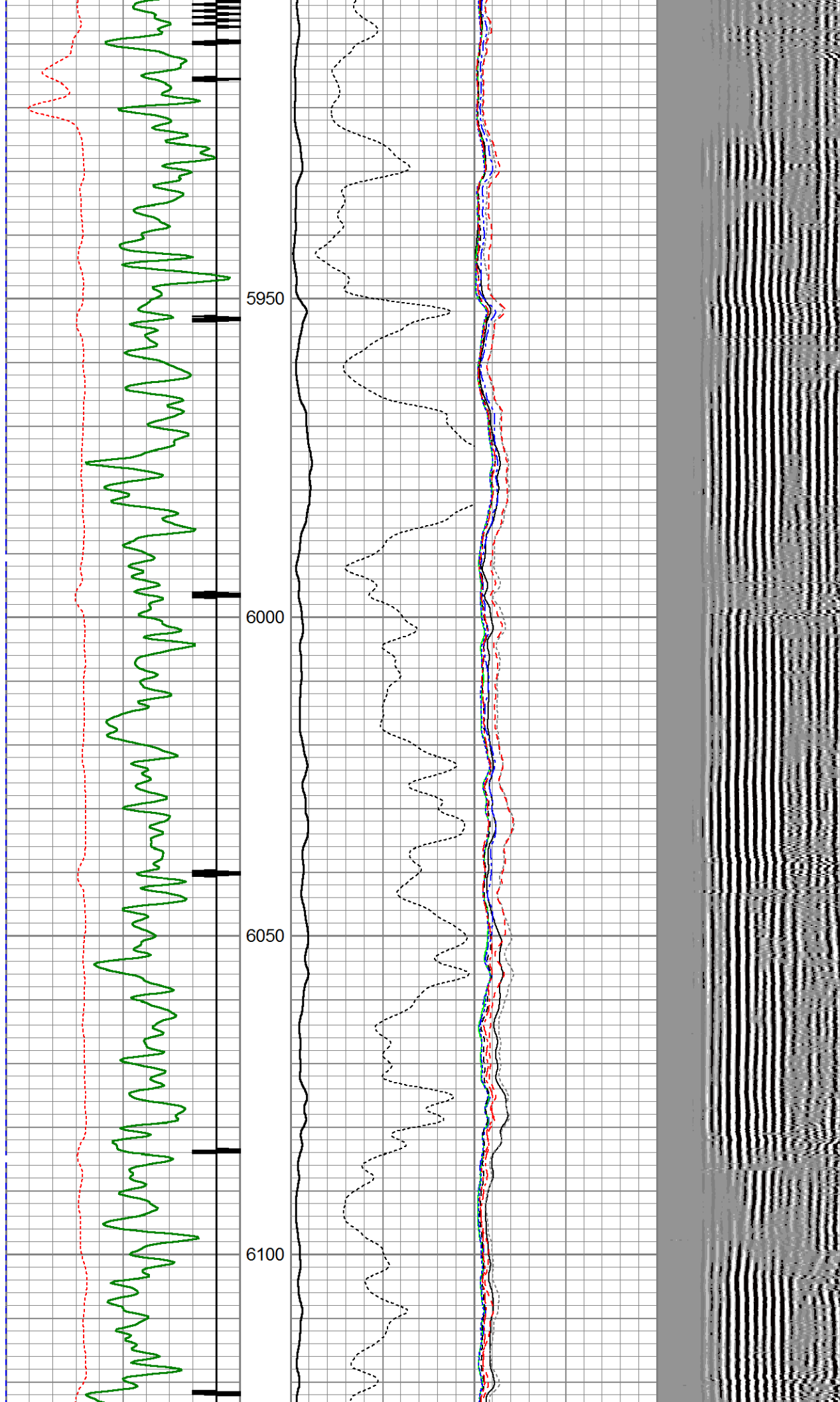


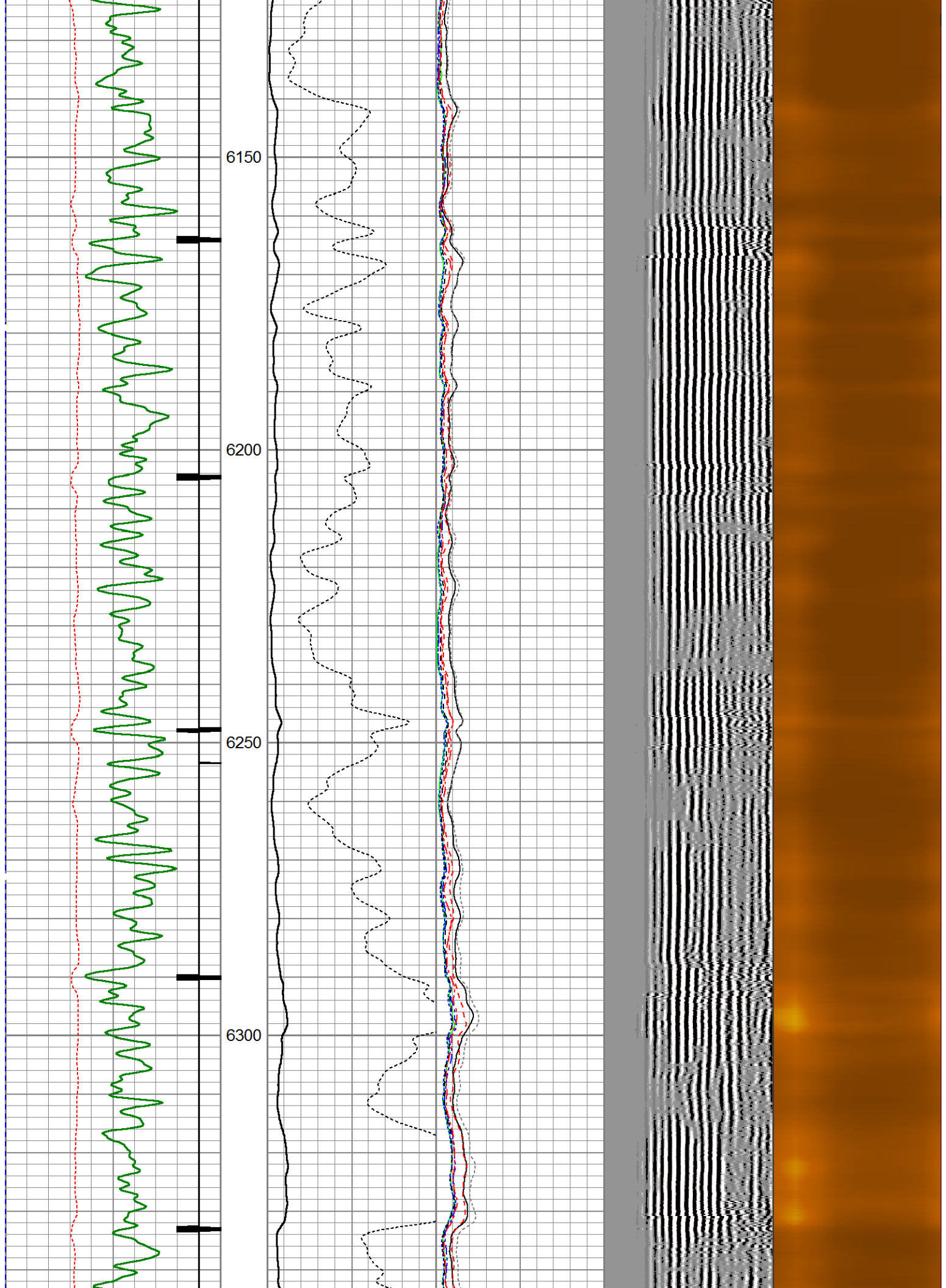


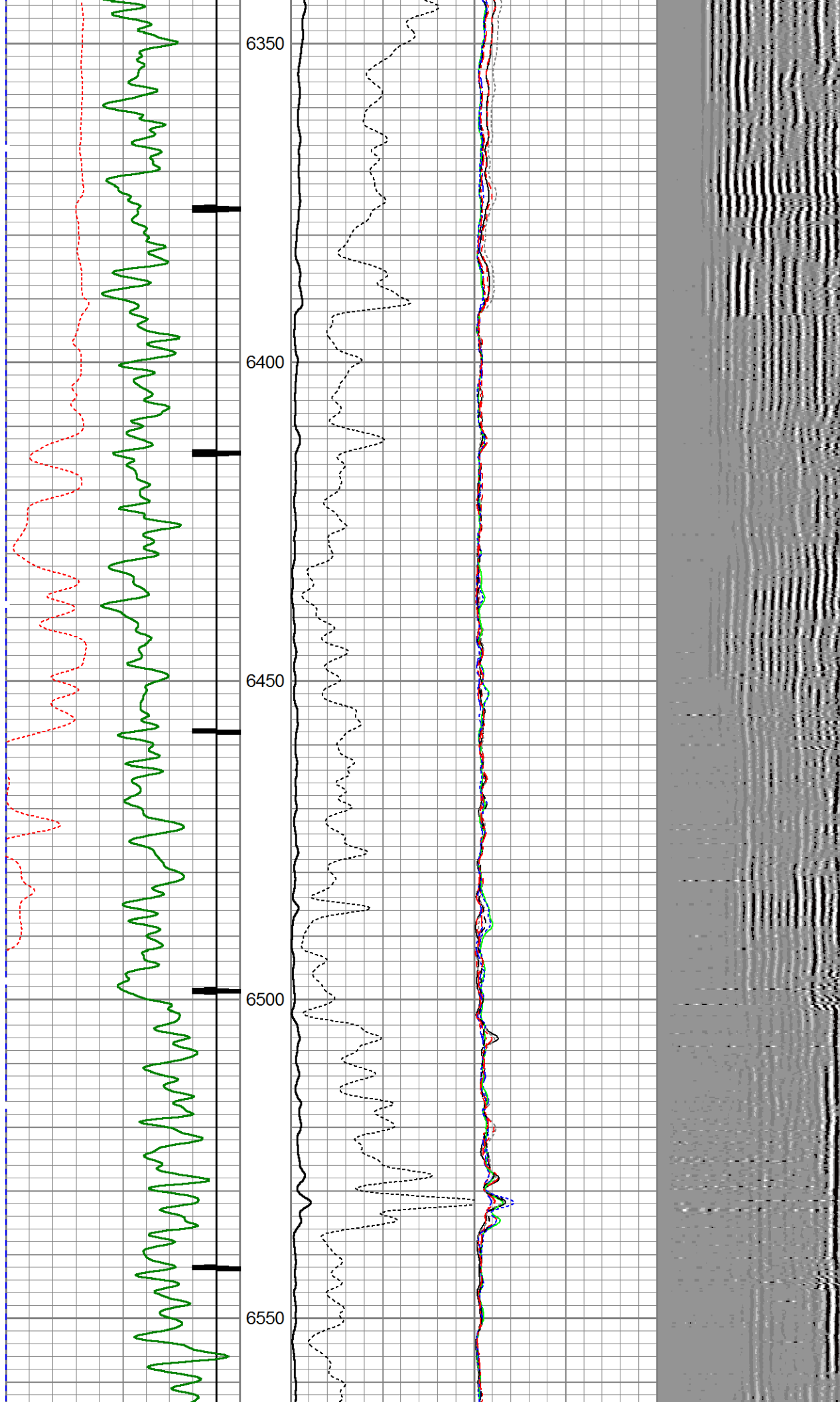


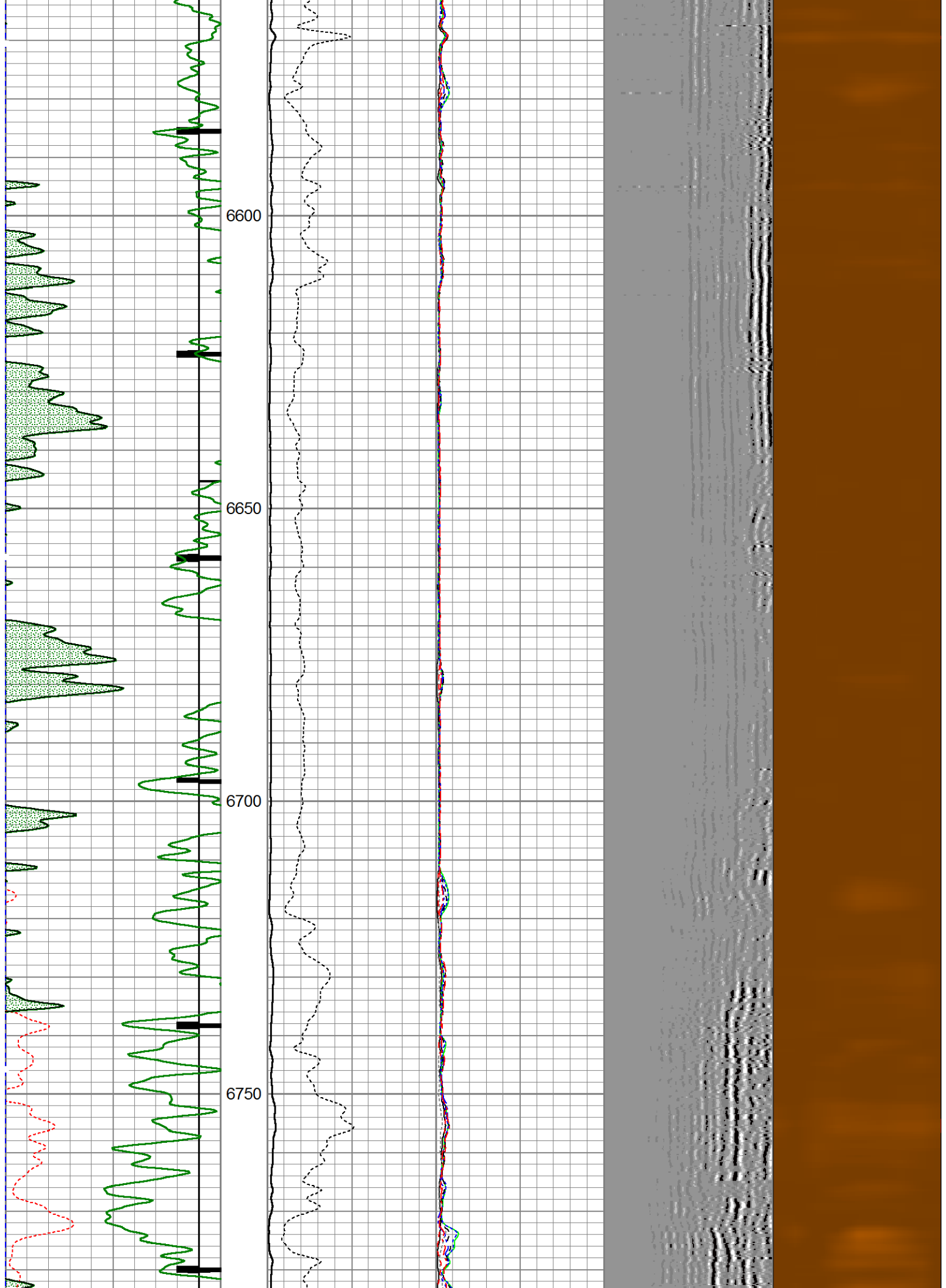


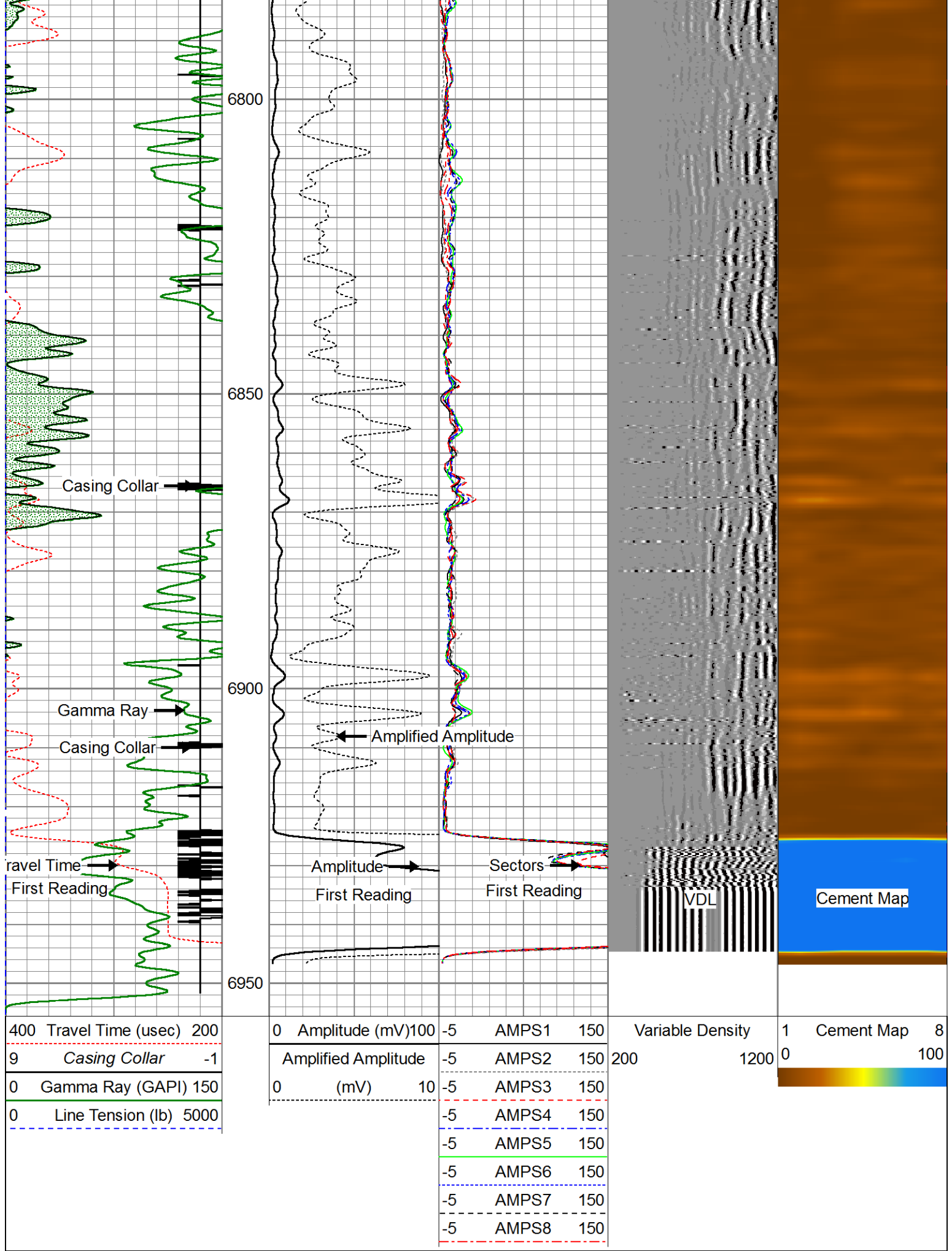












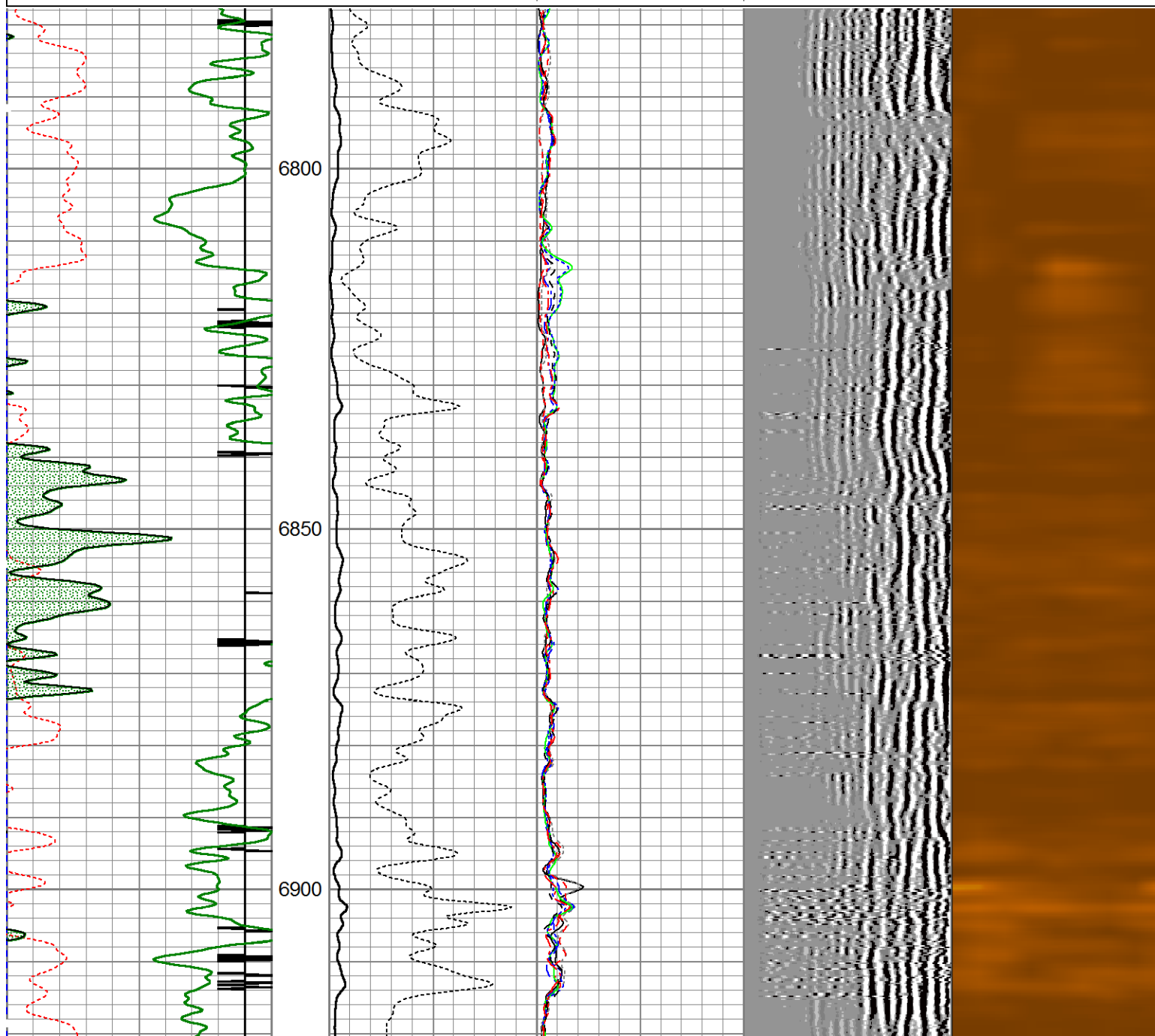
400	Travel Time (uSec)	200
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
0	Line Tension (lb)	5000

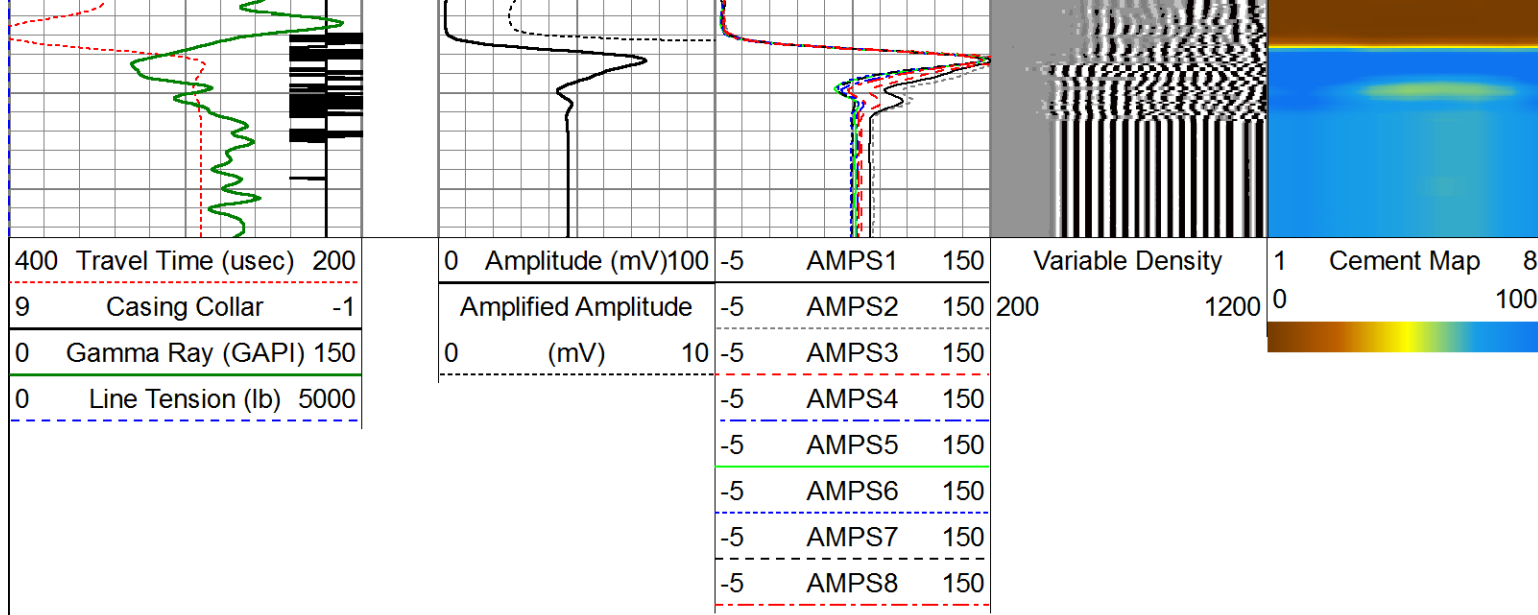
0	Amplitude (mV)	100	-5	AMPS1	150
	Amplified Amplitude		-5	AMPS2	150
0	(mV)	10	-5	AMPS3	150
			-5	AMPS4	150
			-5	AMPS5	150
			-5	AMPS6	150
			-5	AMPS7	150
			-5	AMPS8	150

Variable Density	1	Cement Map	8
200	1200	0	100



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)	5000				-5	AMPS4	150					
						-5	AMPS5	150					
						-5	AMPS6	150					
						-5	AMPS7	150					
						-5	AMPS8	150					





Calibration Report			
Database File:	K:\Noble\NCLP PC AA04-68-1HN_RCBL\noble nclp pc aa04-68-1hn.db		
Dataset Pathname:	pass5		
Dataset Creation:	Thu Jan 09 11:46:00 2014 by Log 7.0 B1		
Gamma Ray Calibration Report			
Serial Number:	101135-Dig		
Tool Model:	Probe275		
Performed:	Wed Jan 08 13:15:34 2014		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.8500	GAPI/cps	
Segmented Cement Bond Log Calibration Report			
Serial Number:	101130		
Tool Model:	Probe		
Calibration Casing Diameter:	7.000	in	
Calibration Depth:	305.525	ft	

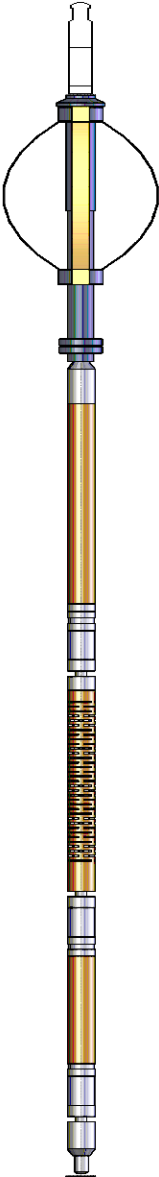

Master Calibration, performed Thu Jan 09 12:56:16 2014:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.638	1.000	62.165	97.085	0.240
CAL	0.008	1.050				
5'	0.008	0.742	1.000	62.165	83.273	0.342
SUM						
S1	0.008	0.596	0.000	100.000	170.040	-1.345
S2	0.008	0.591	0.000	100.000	171.363	-1.328
S3	0.008	0.610	0.000	100.000	166.079	-1.338
S4	0.008	0.650	0.000	100.000	155.783	-1.230
S5	0.008	0.692	0.000	100.000	146.236	-1.160
S6	0.008	0.720	0.000	100.000	140.433	-1.106
S7	0.008	0.697	0.000	100.000	145.140	-1.164
S8	0.008	0.644	0.000	100.000	157.275	-1.244

Internal Reference Calibration, performed Mon Oct 10 09:42:03 2005:

CAL	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
	0.000	0.000	0.008	1.050	1.000	0.000

Air Zero Calibration, performed Thu Jan 09 11:00:37 2014:

	Raw (v)		Calibrated (v)		Results
	Zero		Zero		Offset
	0.000		0.000		0.000
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
			RBT-Probe (101130) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	90.00
WVF3FT	11.84					
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					

