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Comments

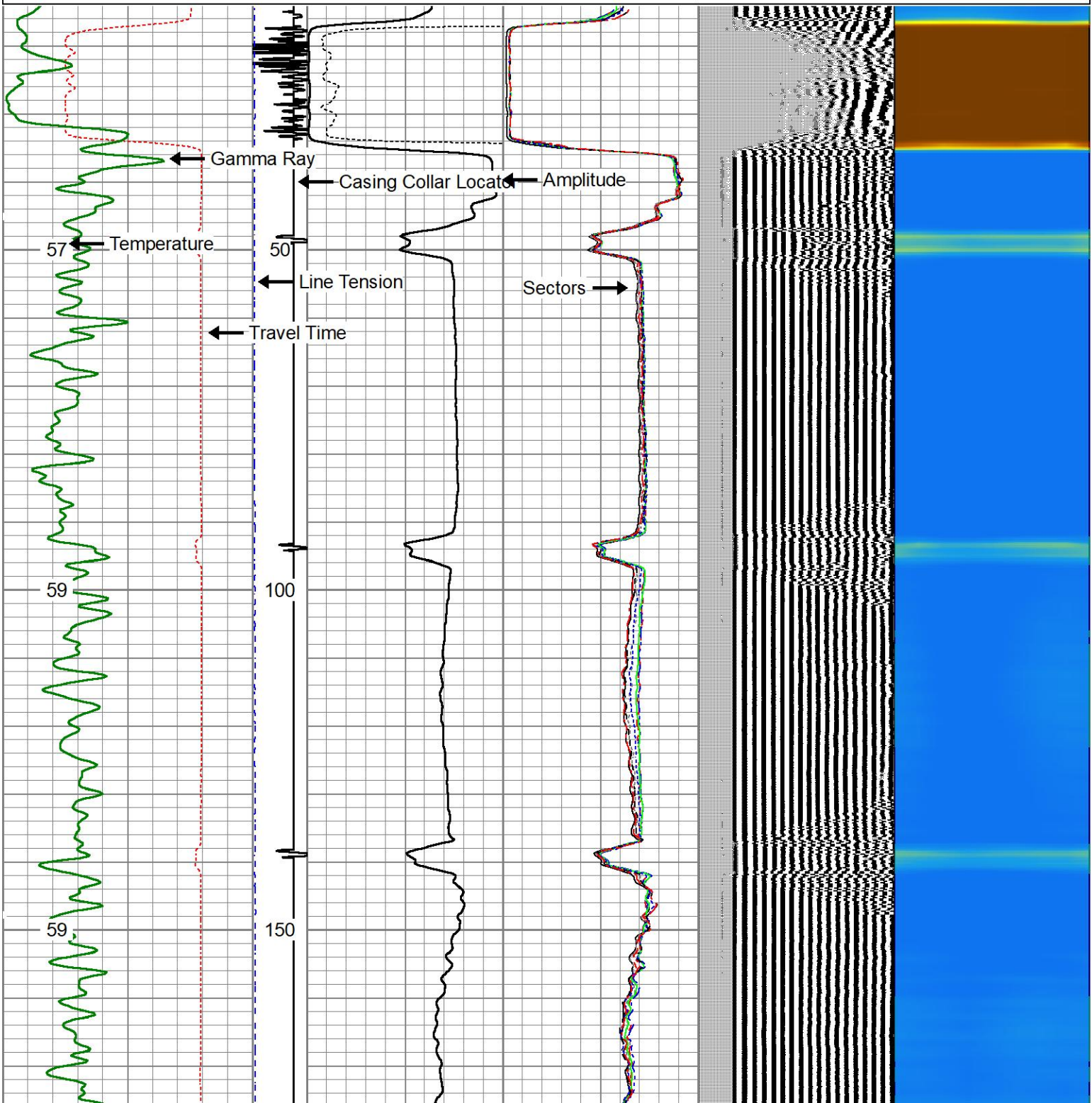
Thank You for using KLX Energy Services

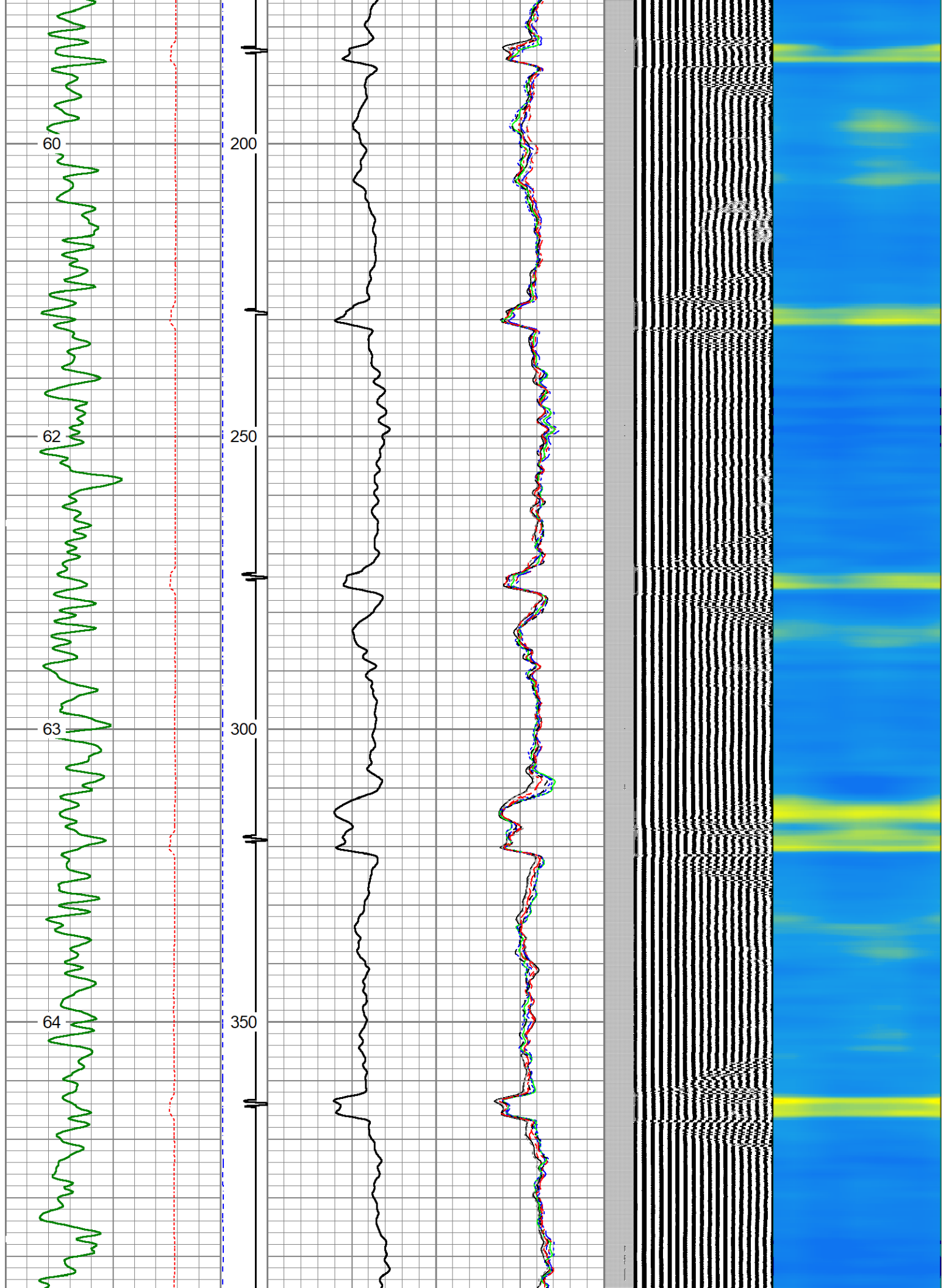


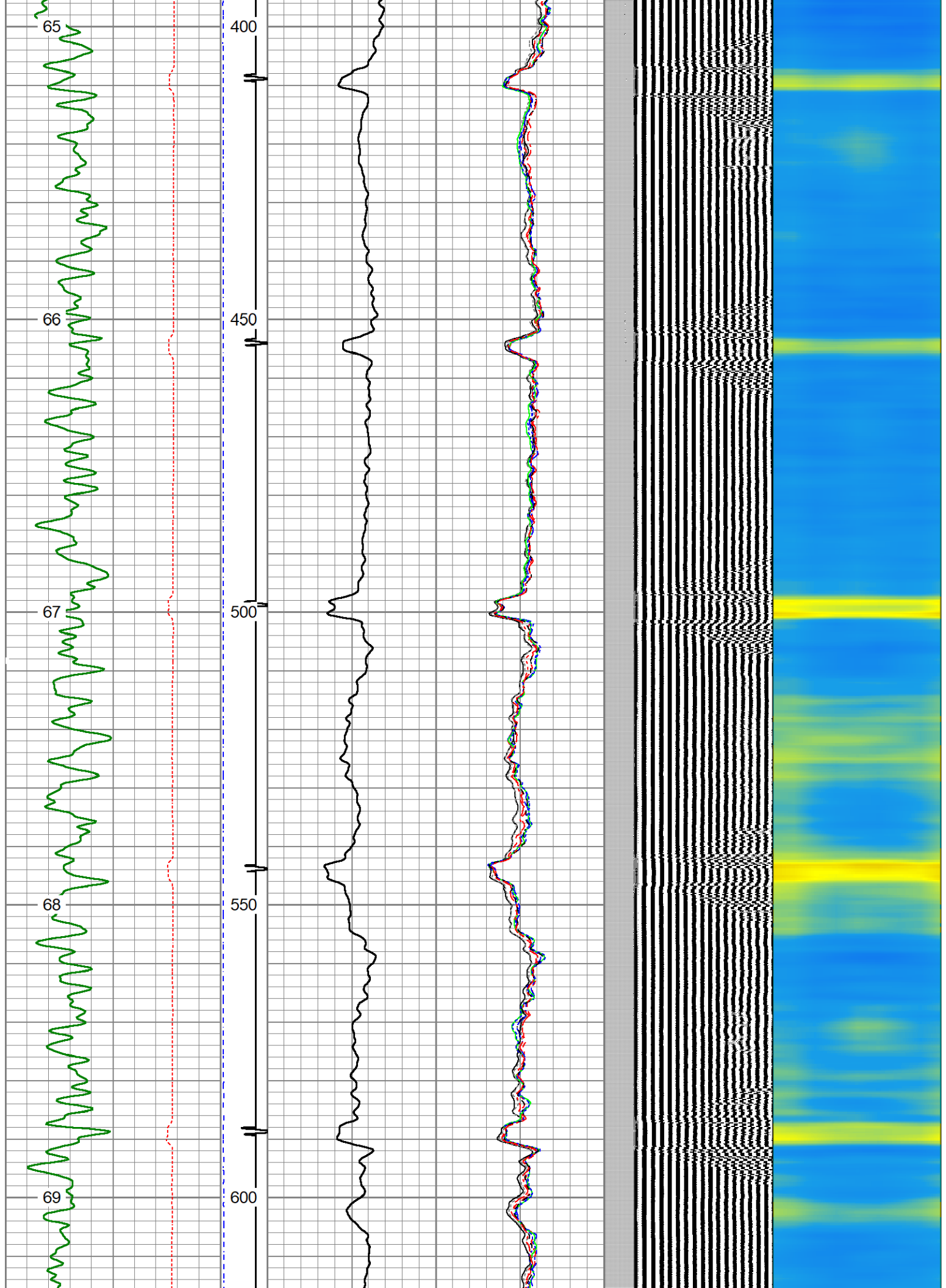
2000 PSI 5"=100'

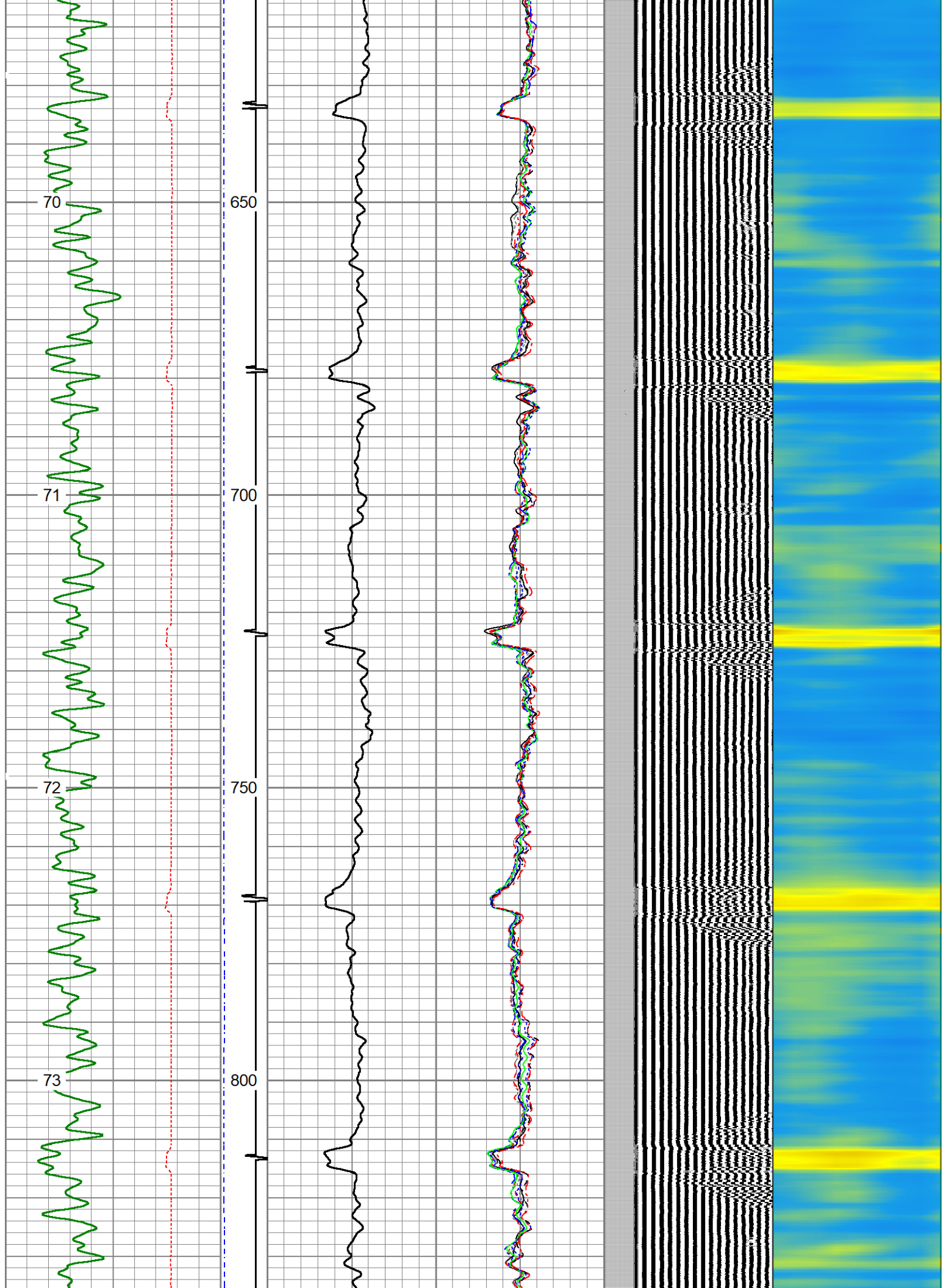
Database File	gw_schneider_hd_11_022hn_rcbl.db
Dataset Pathname	pass10.2
Presentation Format	scbl03
Dataset Creation	Sun Dec 01 23:36:12 2019
Charted by	Depth in Feet scaled 1:240

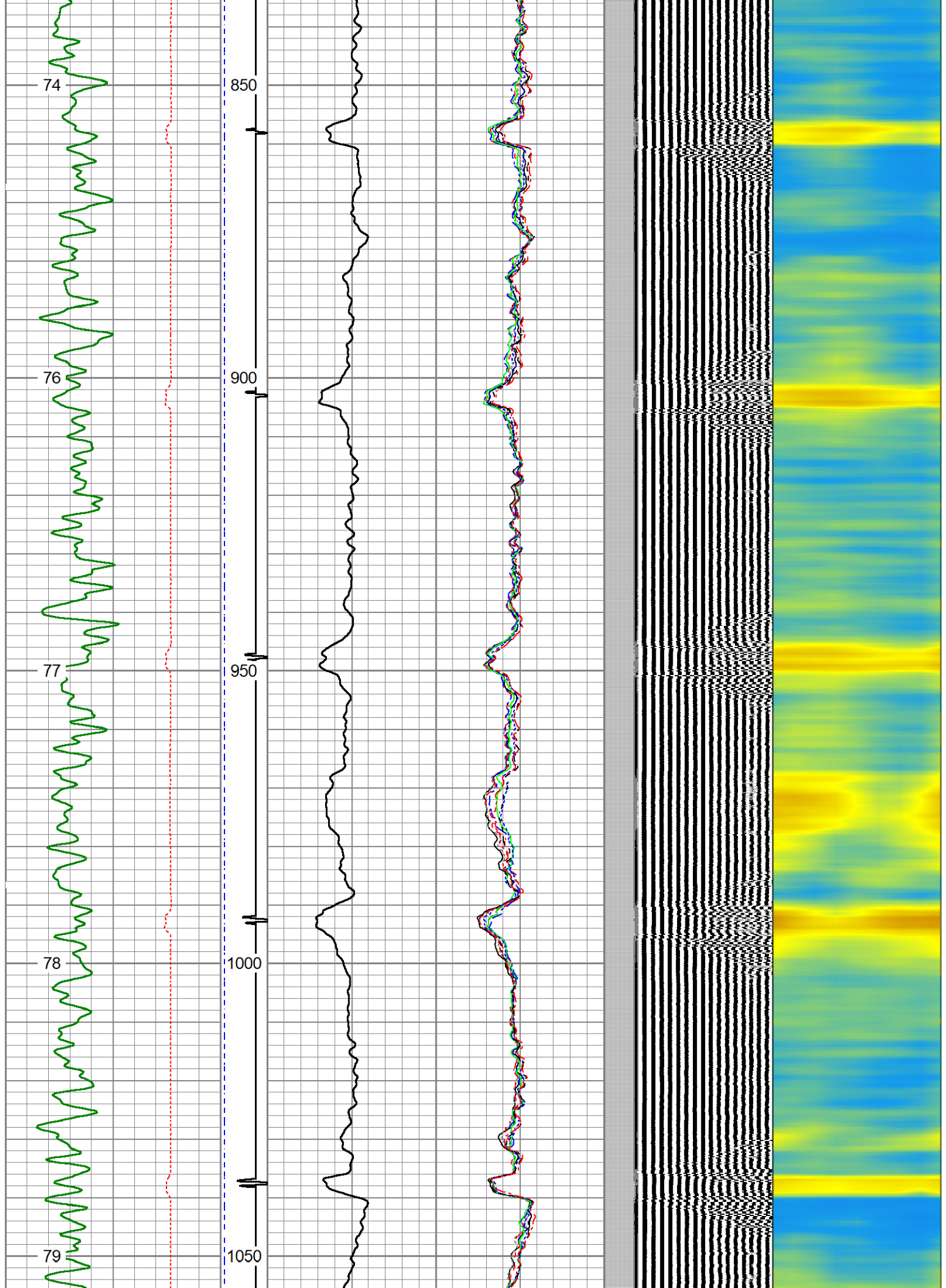
420 Travel Time (usec) 220		CCL	0	Amplitude (mV)100	-5	Sector 1	150	Variable Density		1	Cement Map	8
0 Gamma Ray (GAPI) 150		3 -1	Amplified Amplitude		-5	Sector 2	150	200 (usec) 1200				
Temp		LTEN	0	(mV) 10	-5	Sector 3	150					
(degF)		(lb)			-5	Sector 4	150					
		(3000			-5	Sector 5	150					
					-5	Sector 6	150					
					-5	Sector 7	150					
					-5	Sector 8	150					

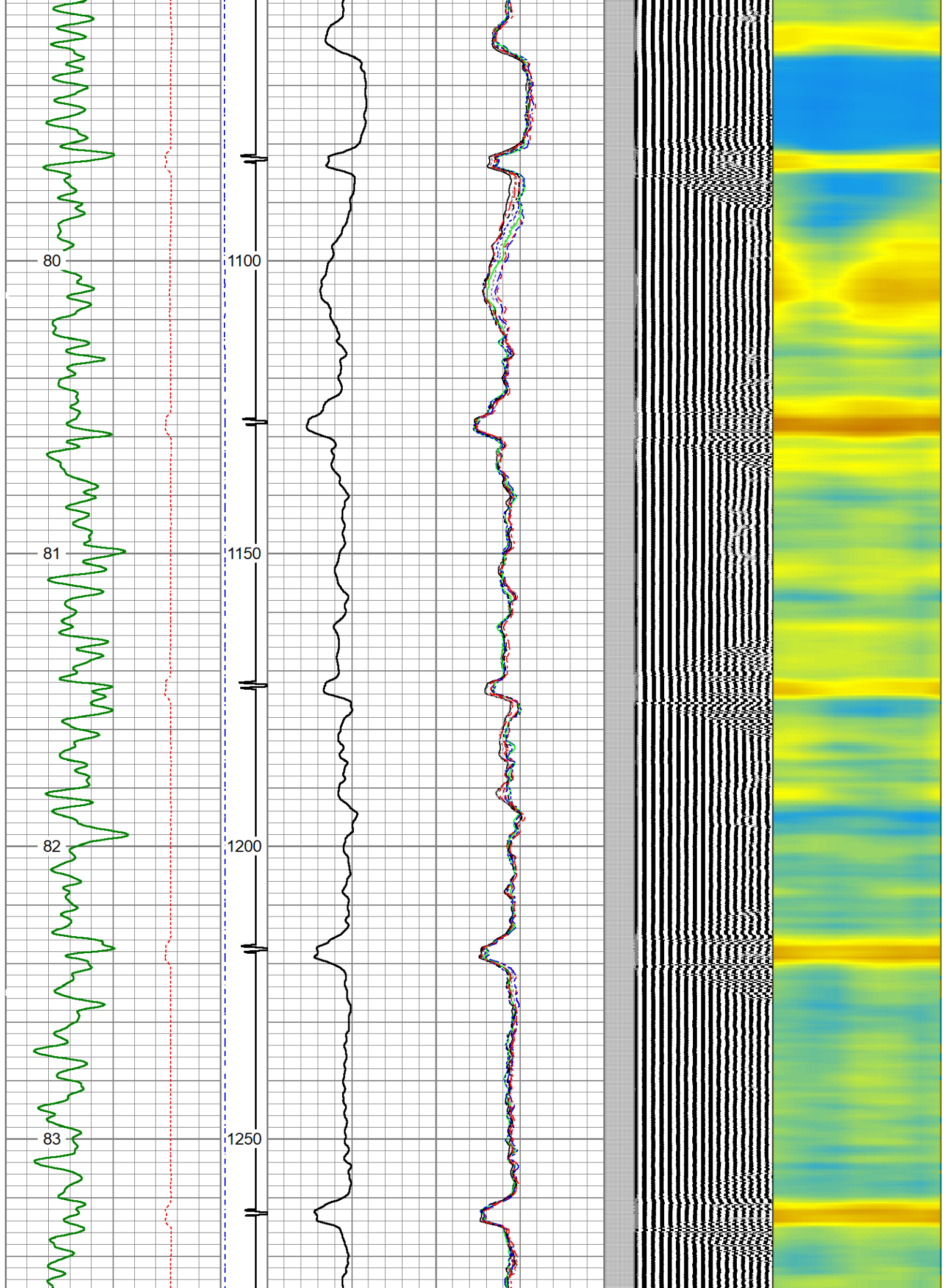


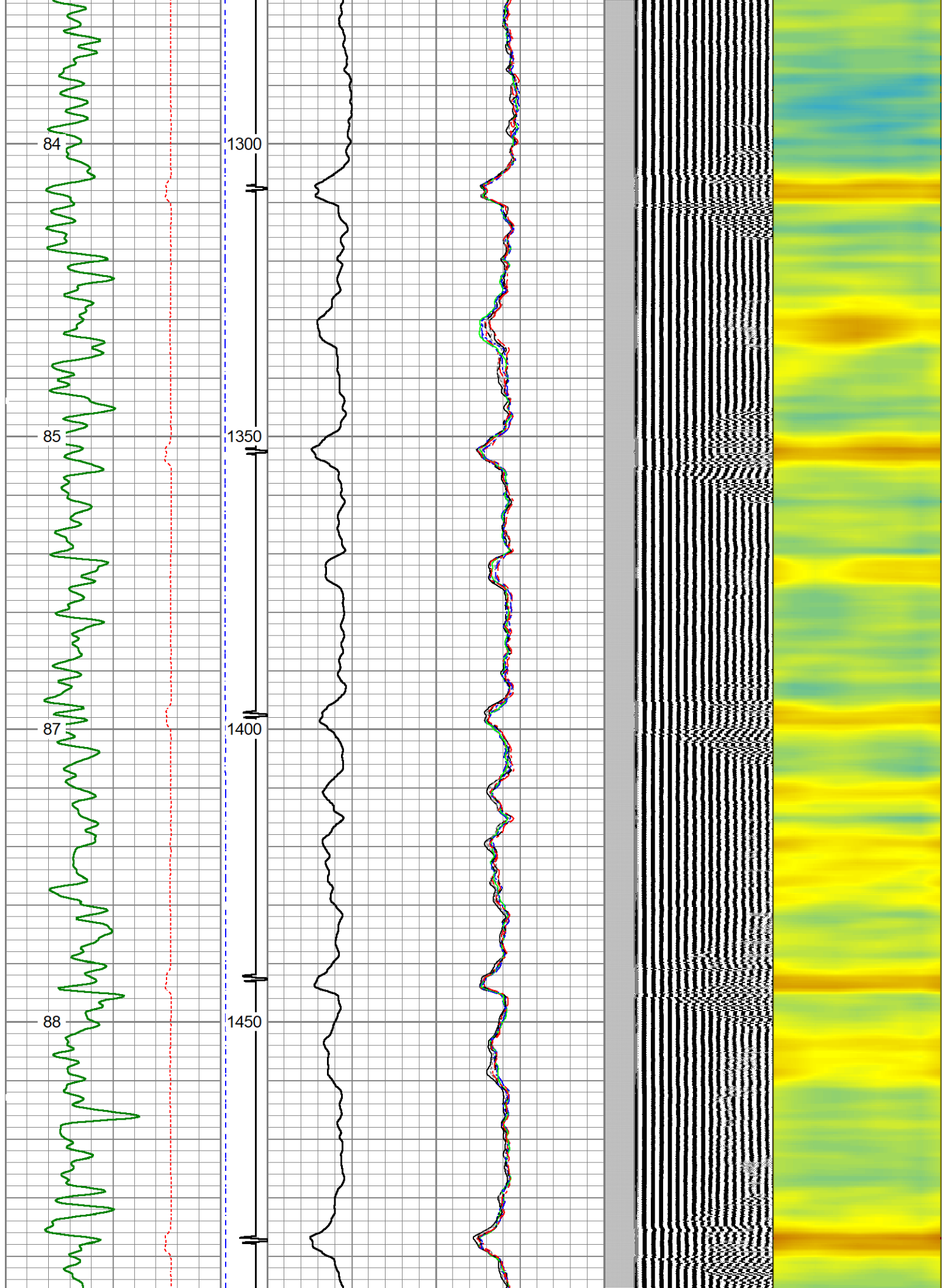


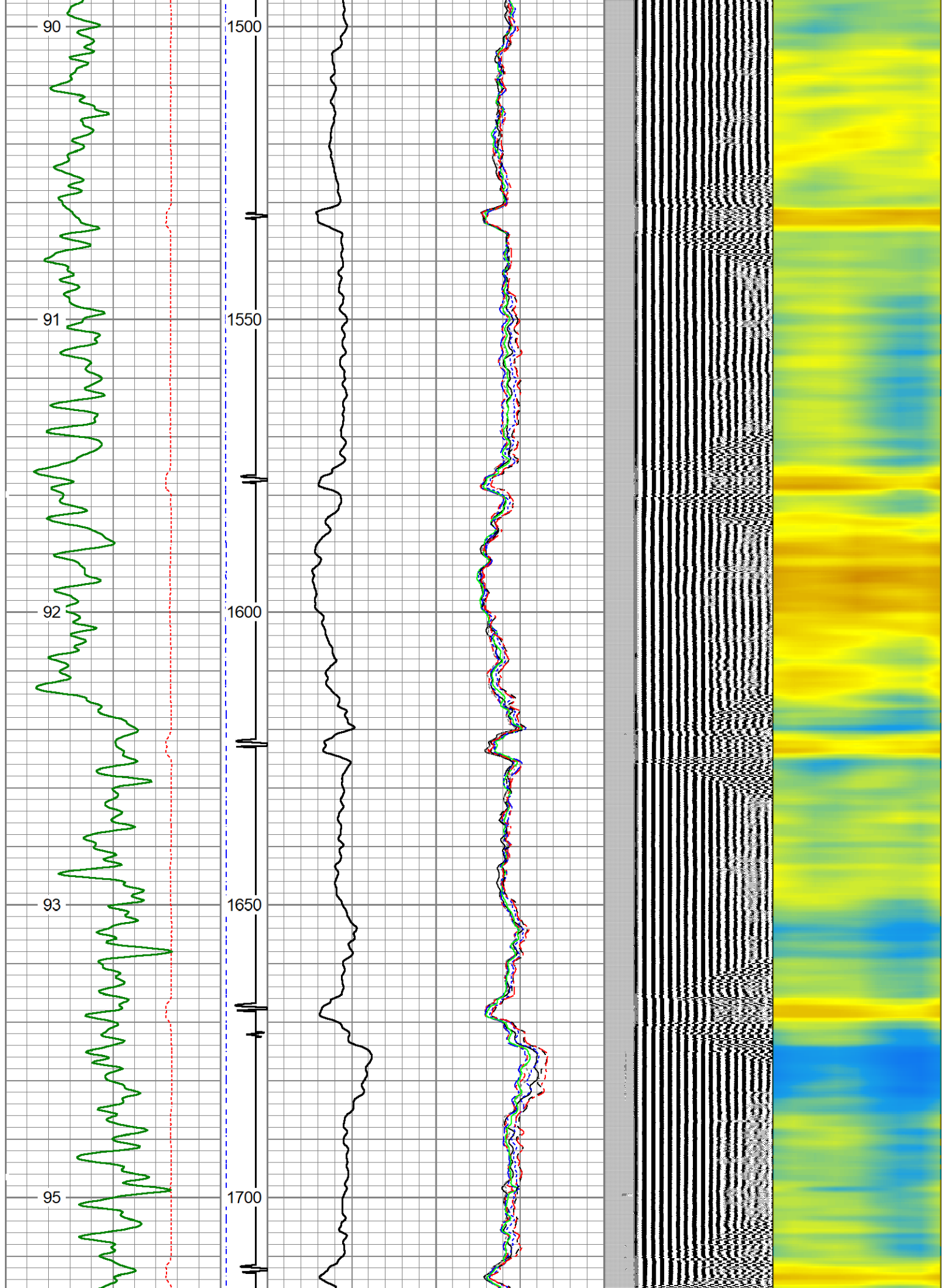


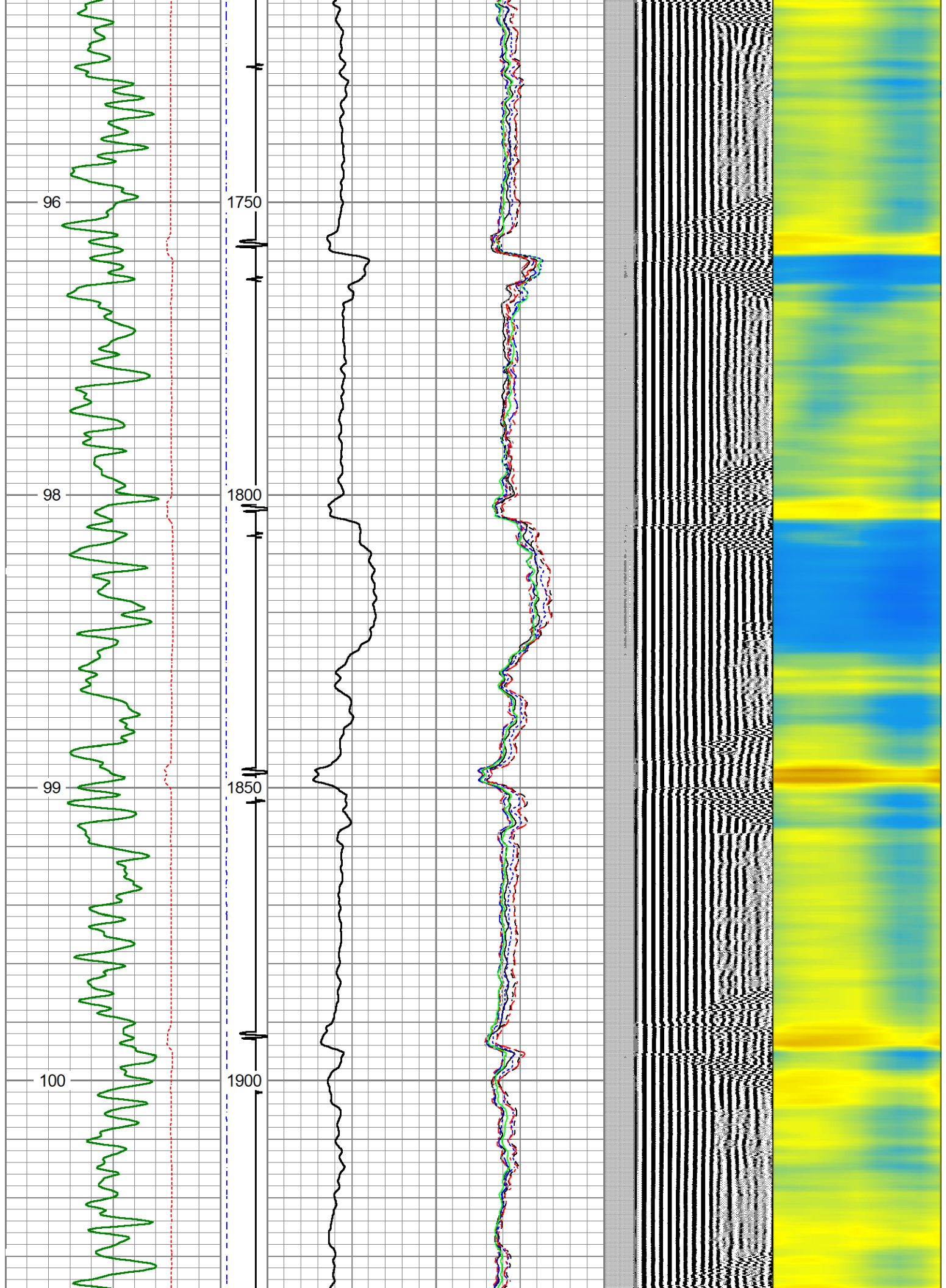


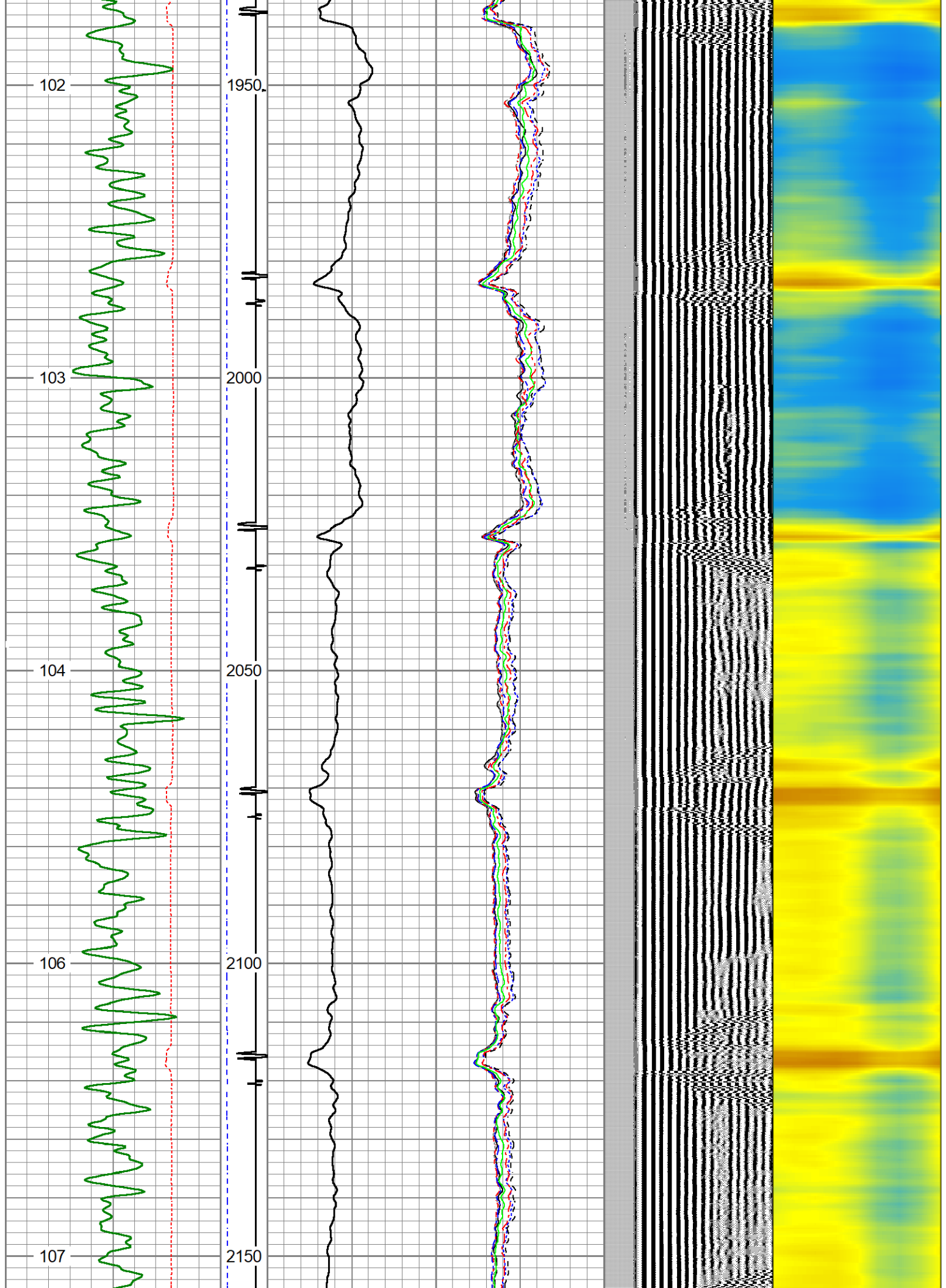


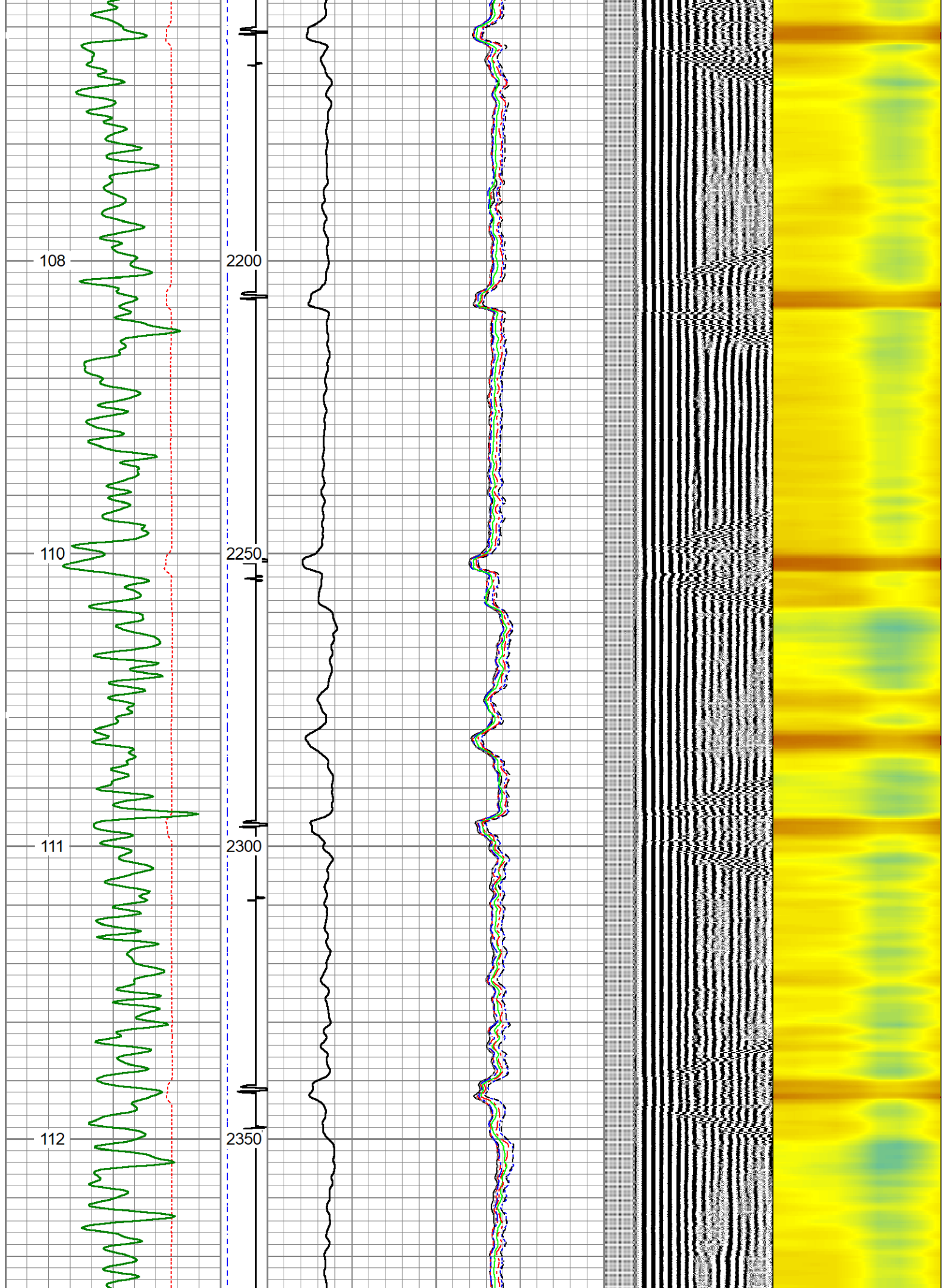


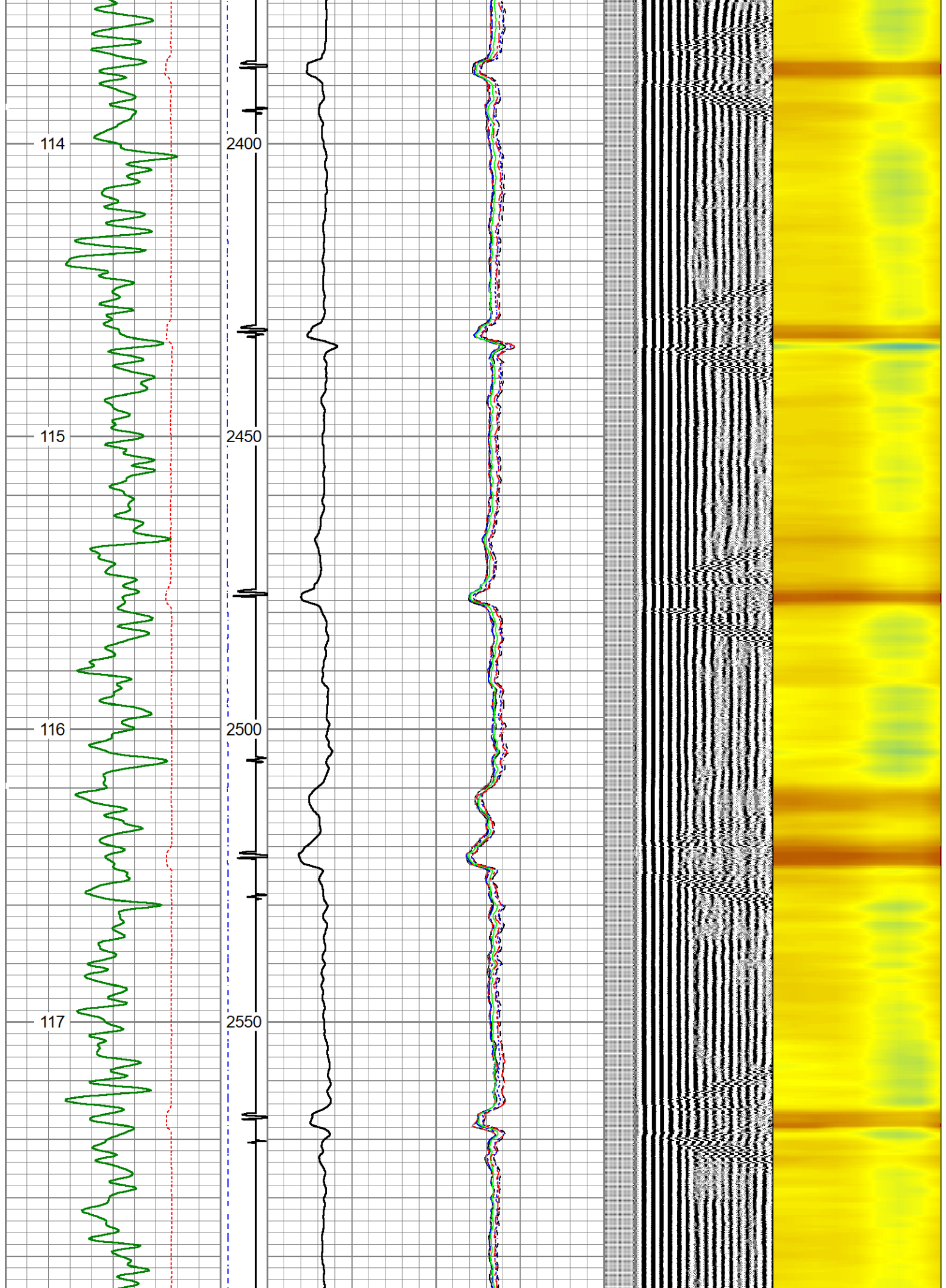


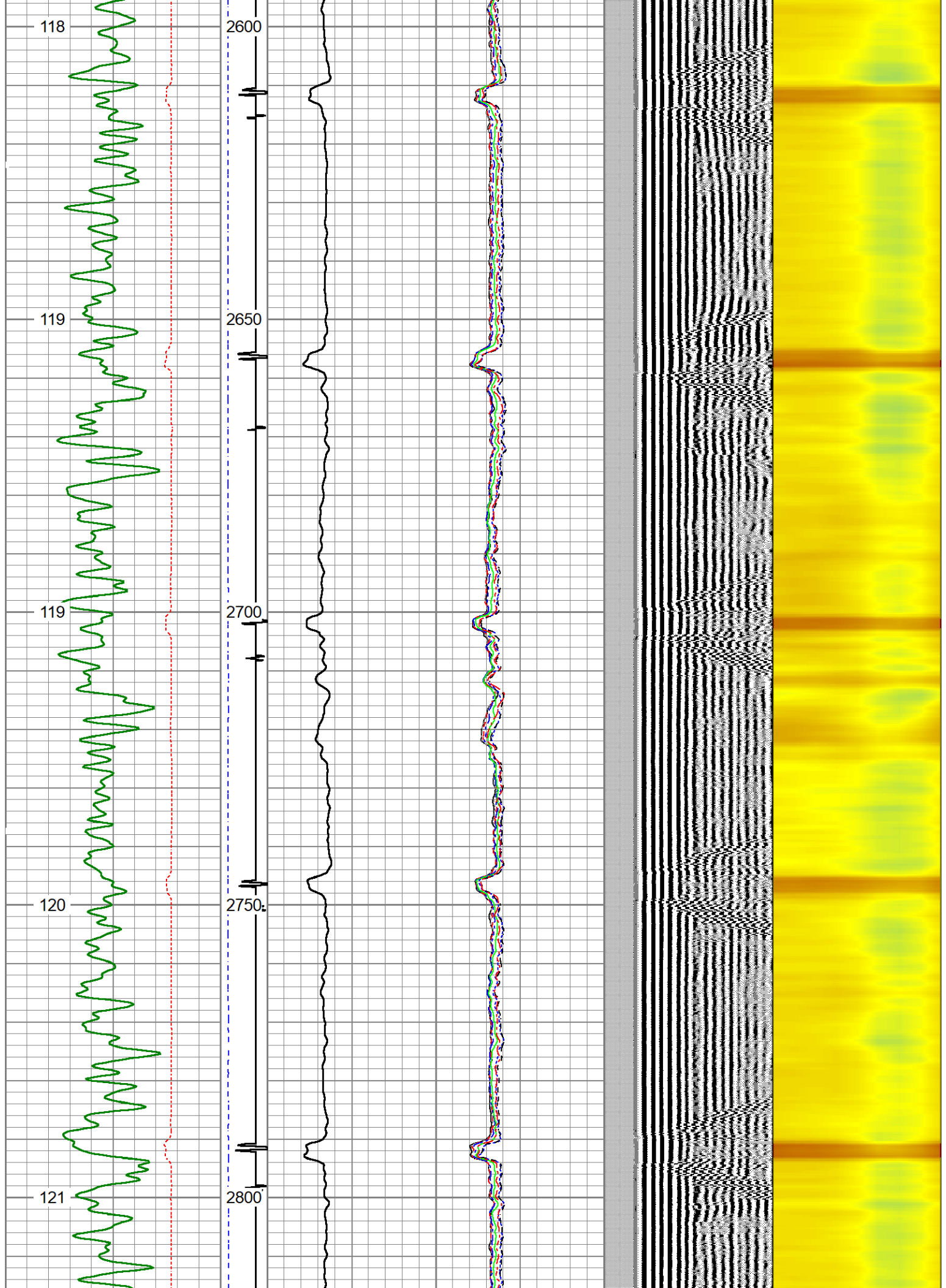


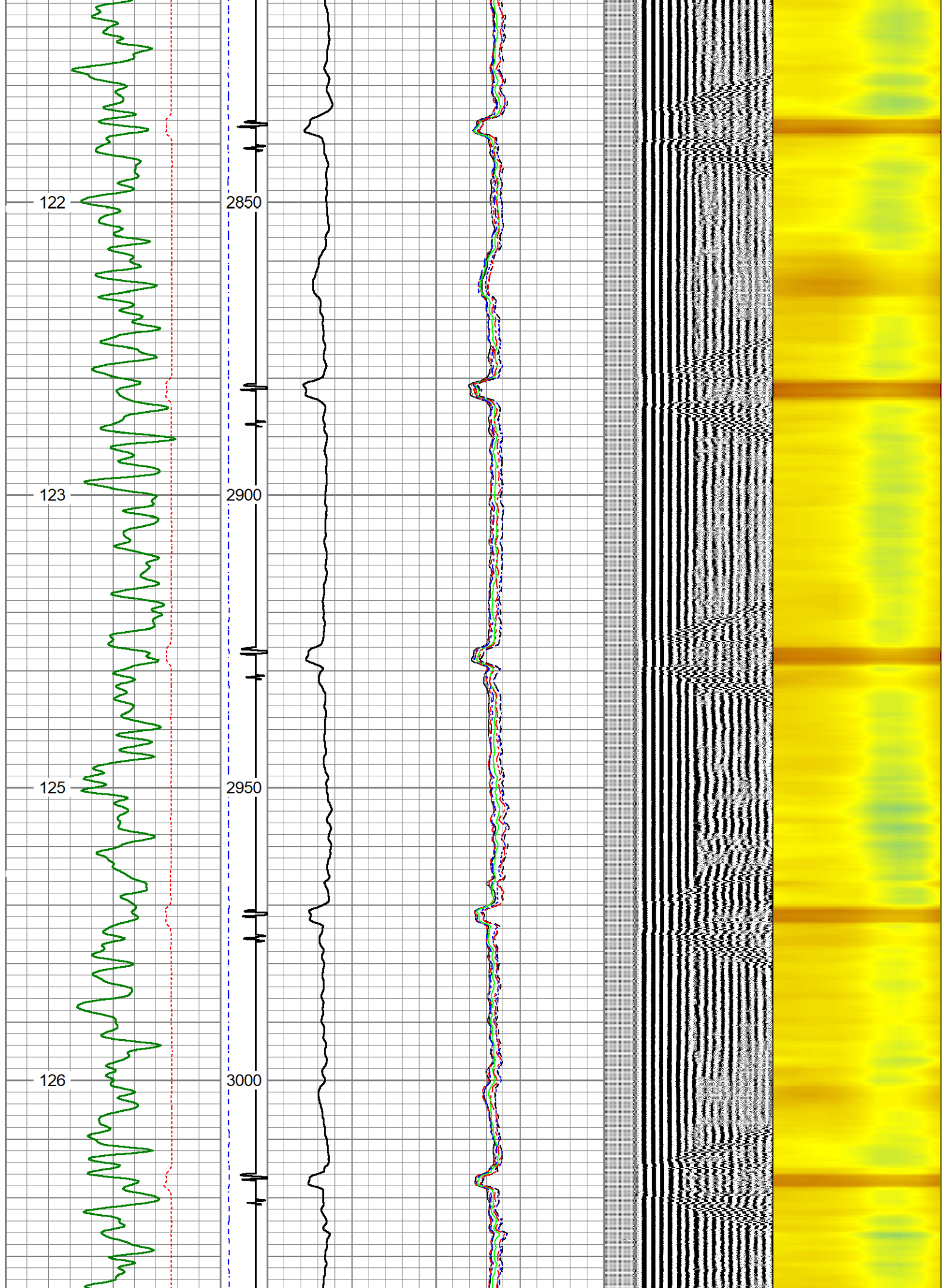


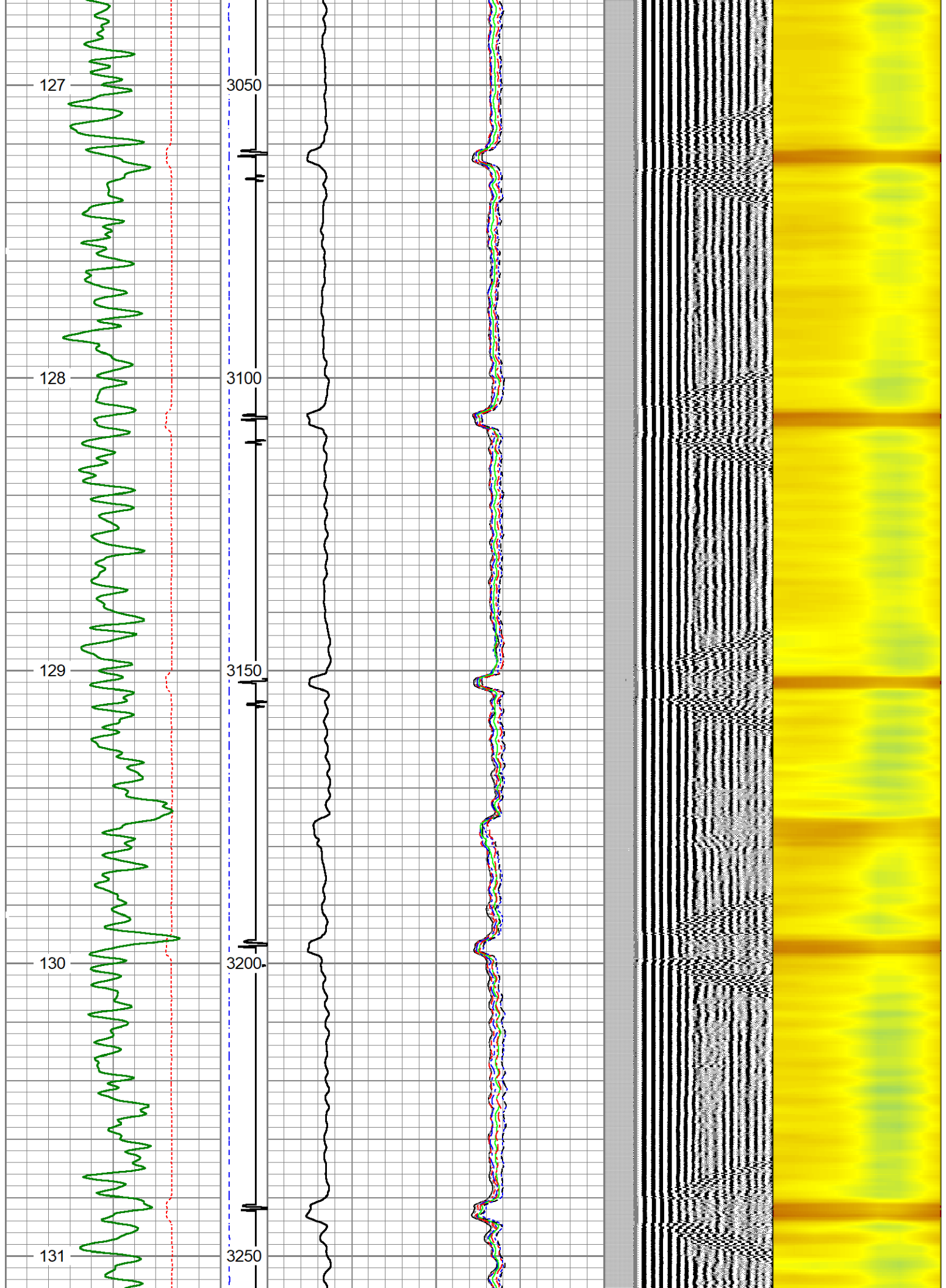


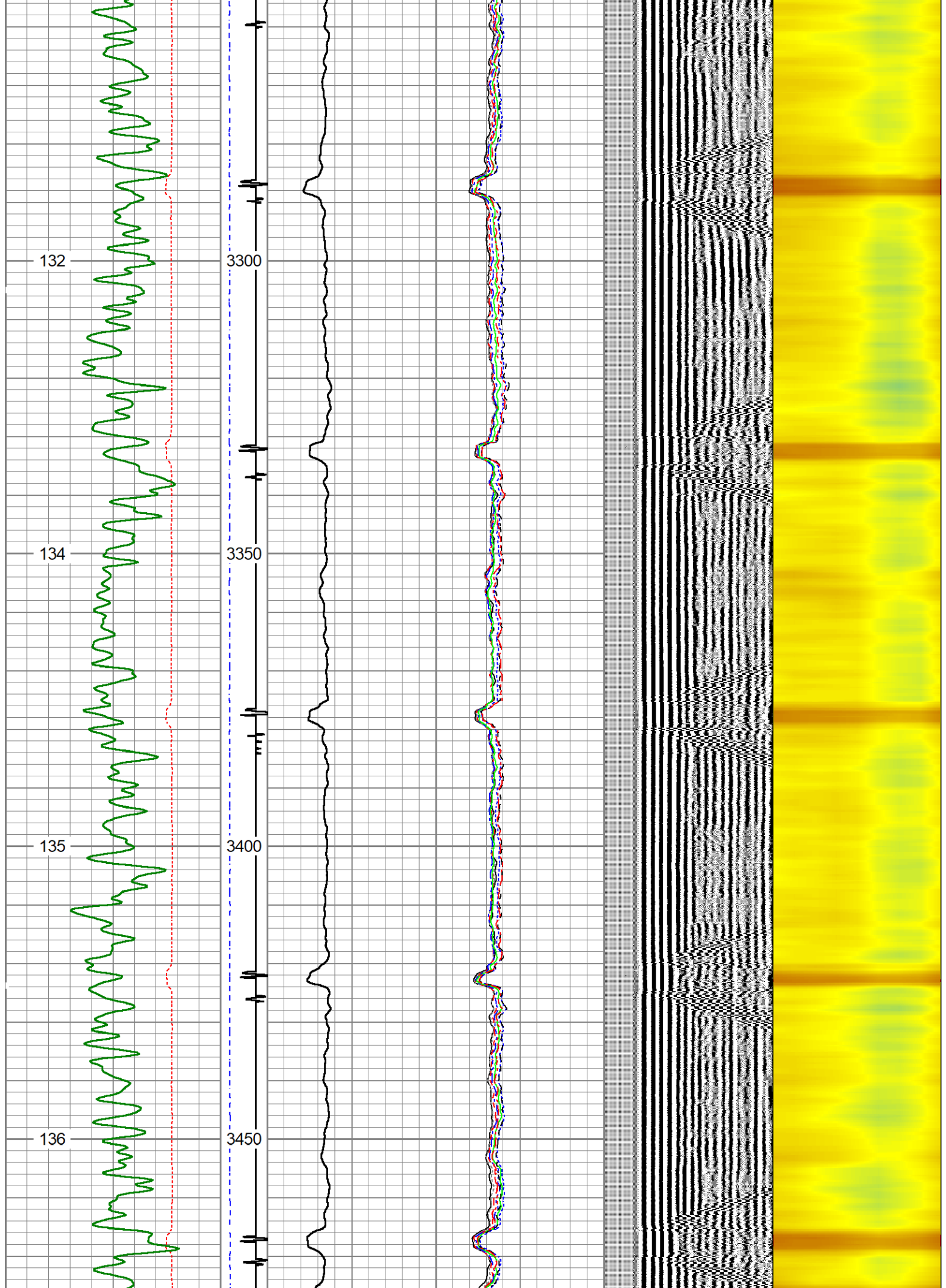


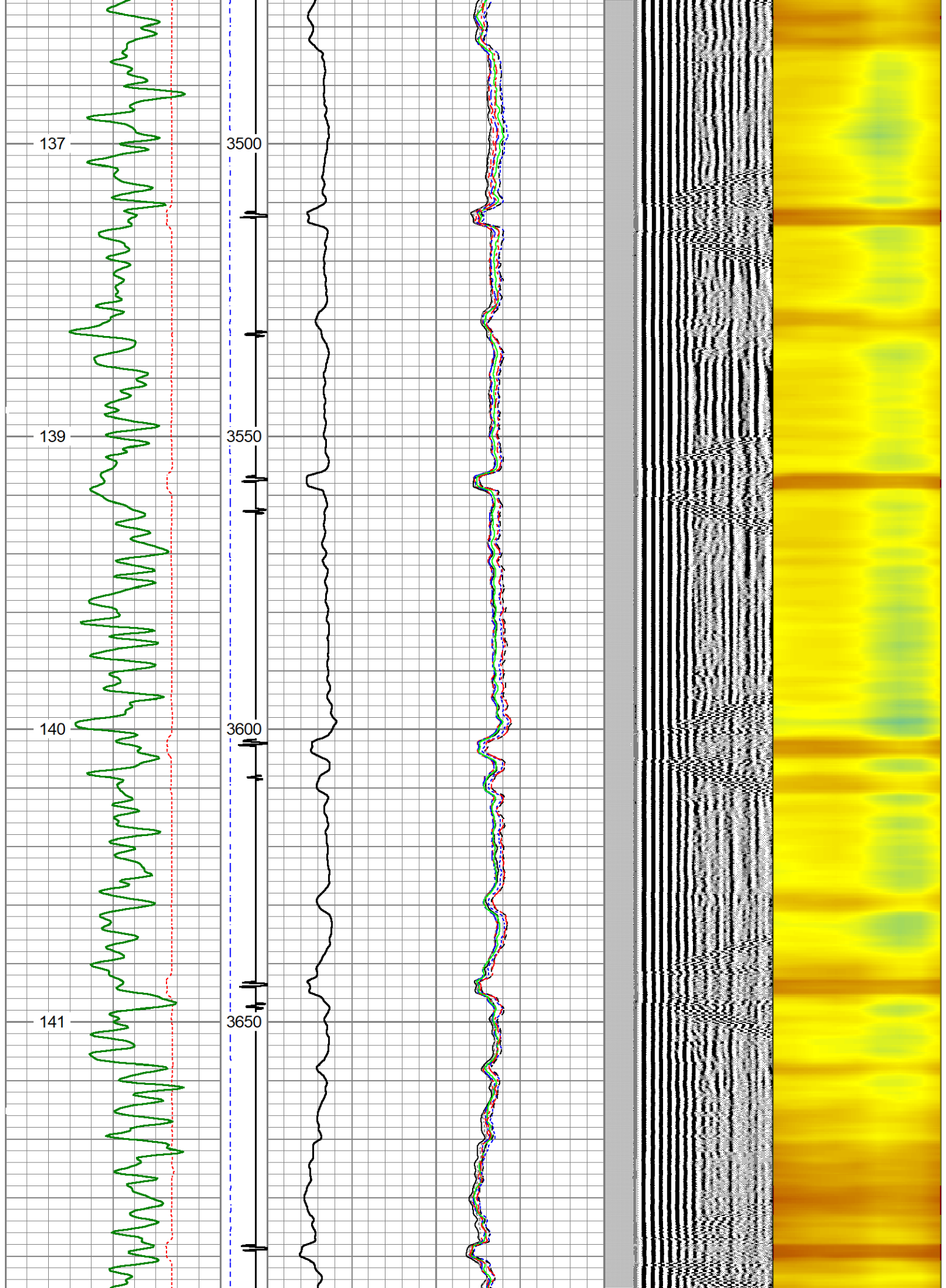


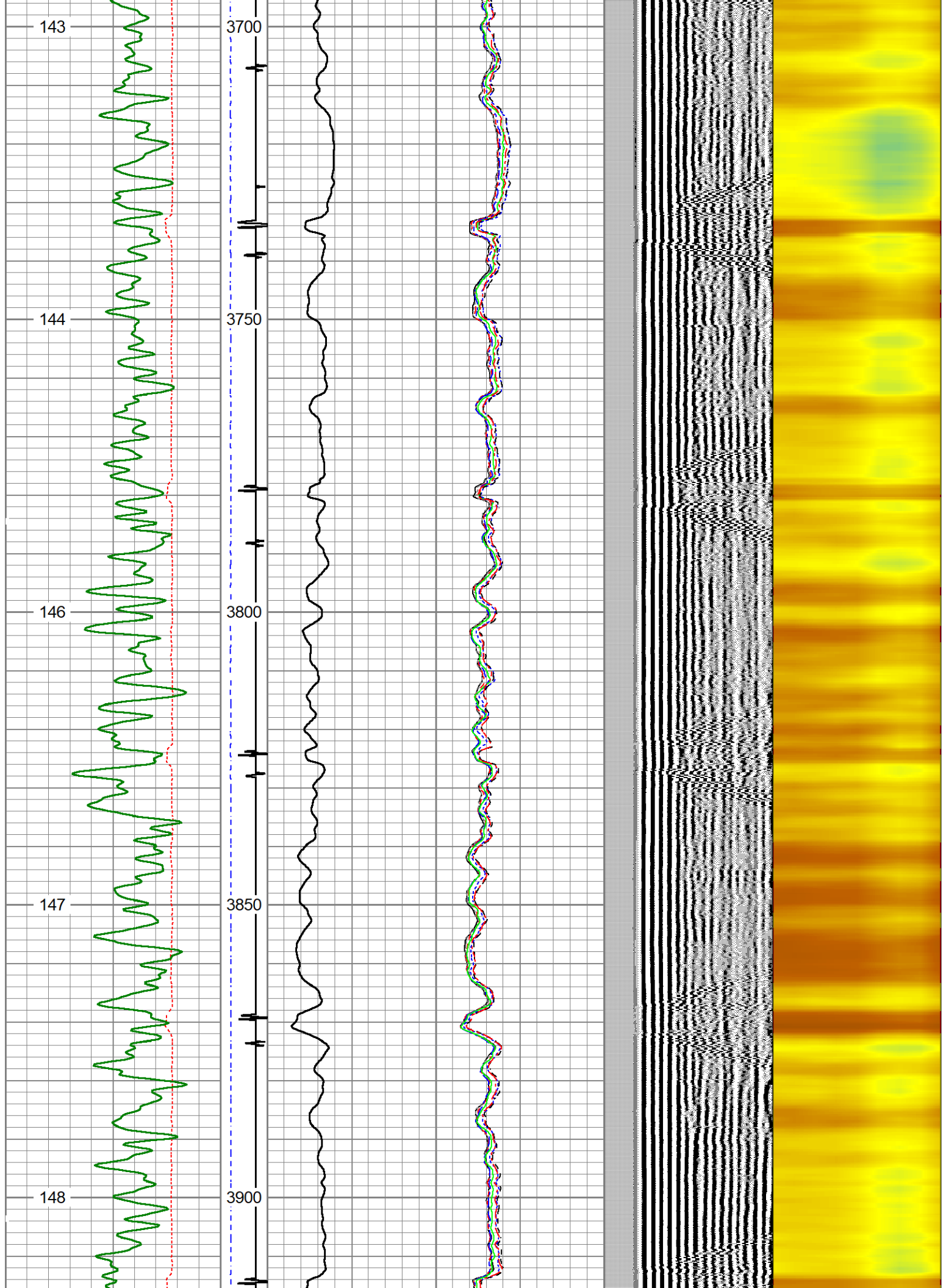


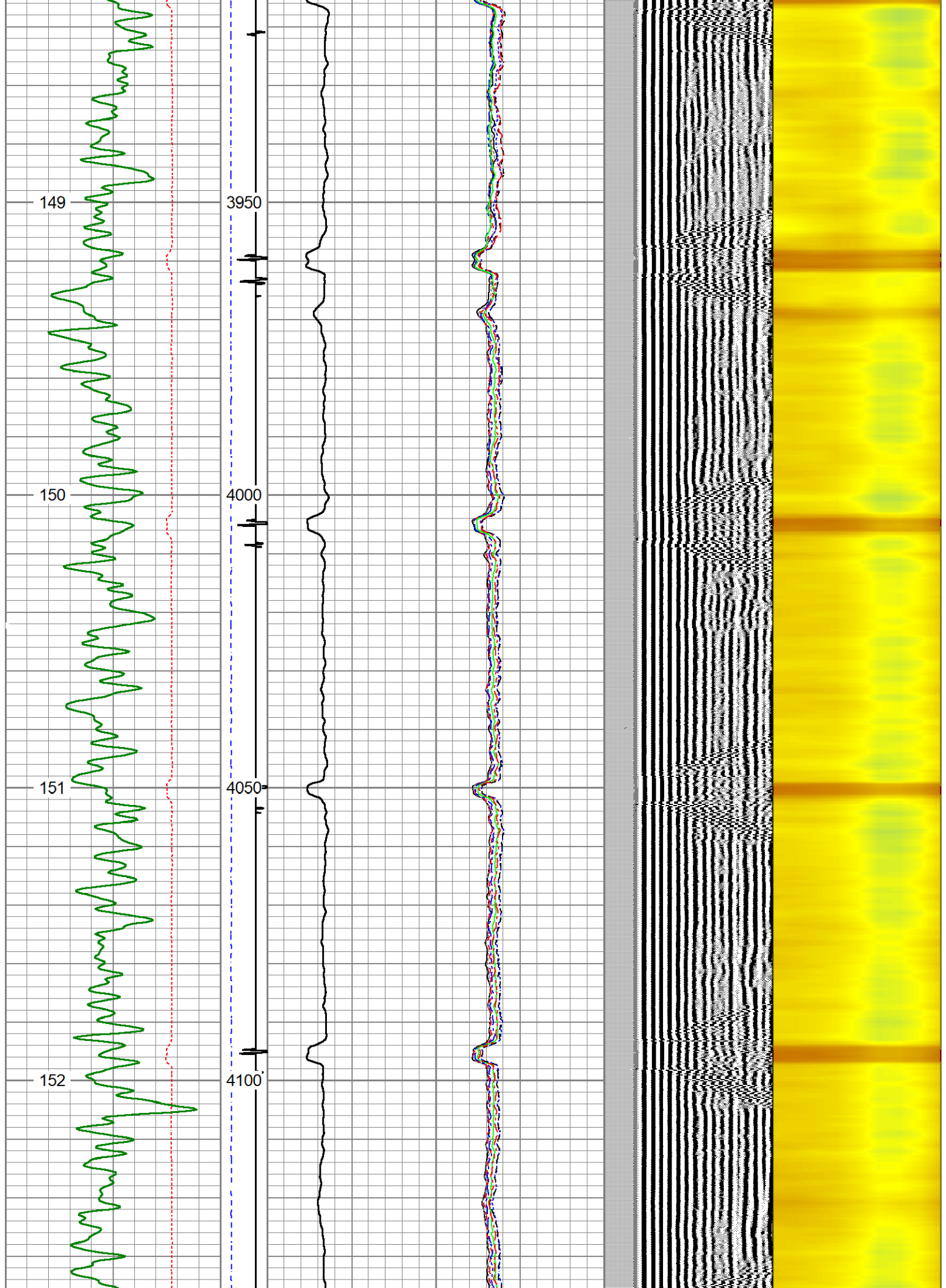


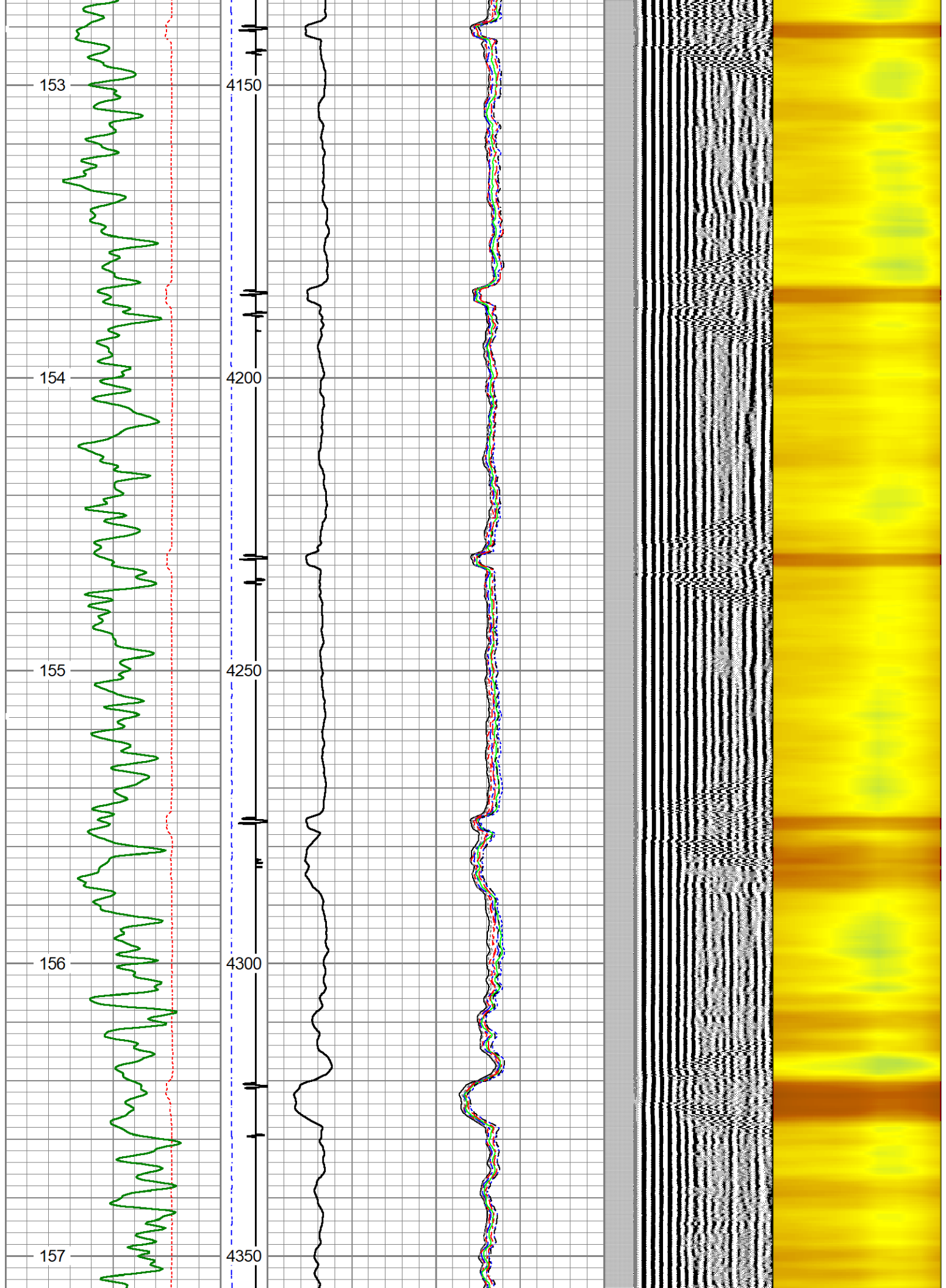


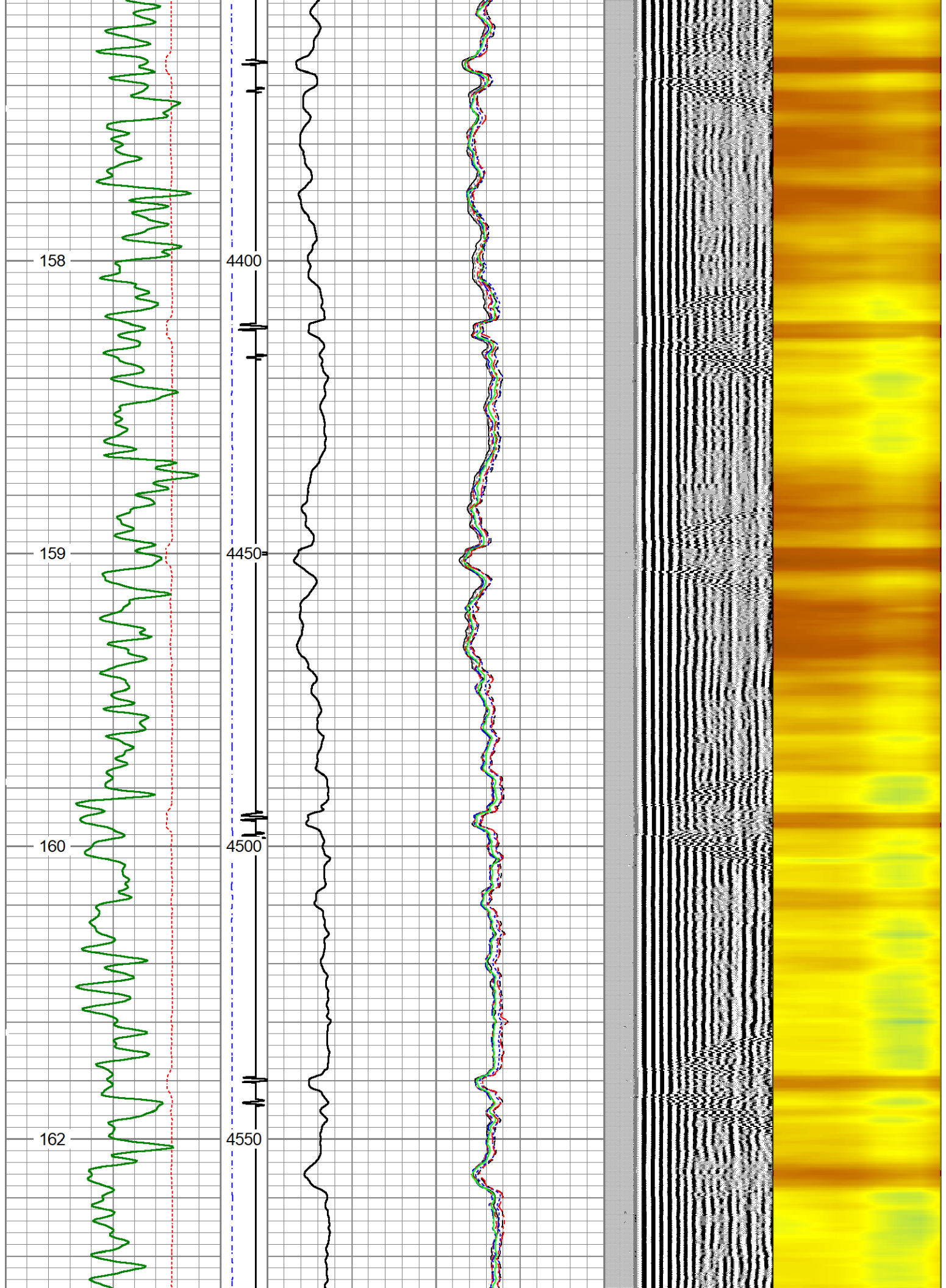


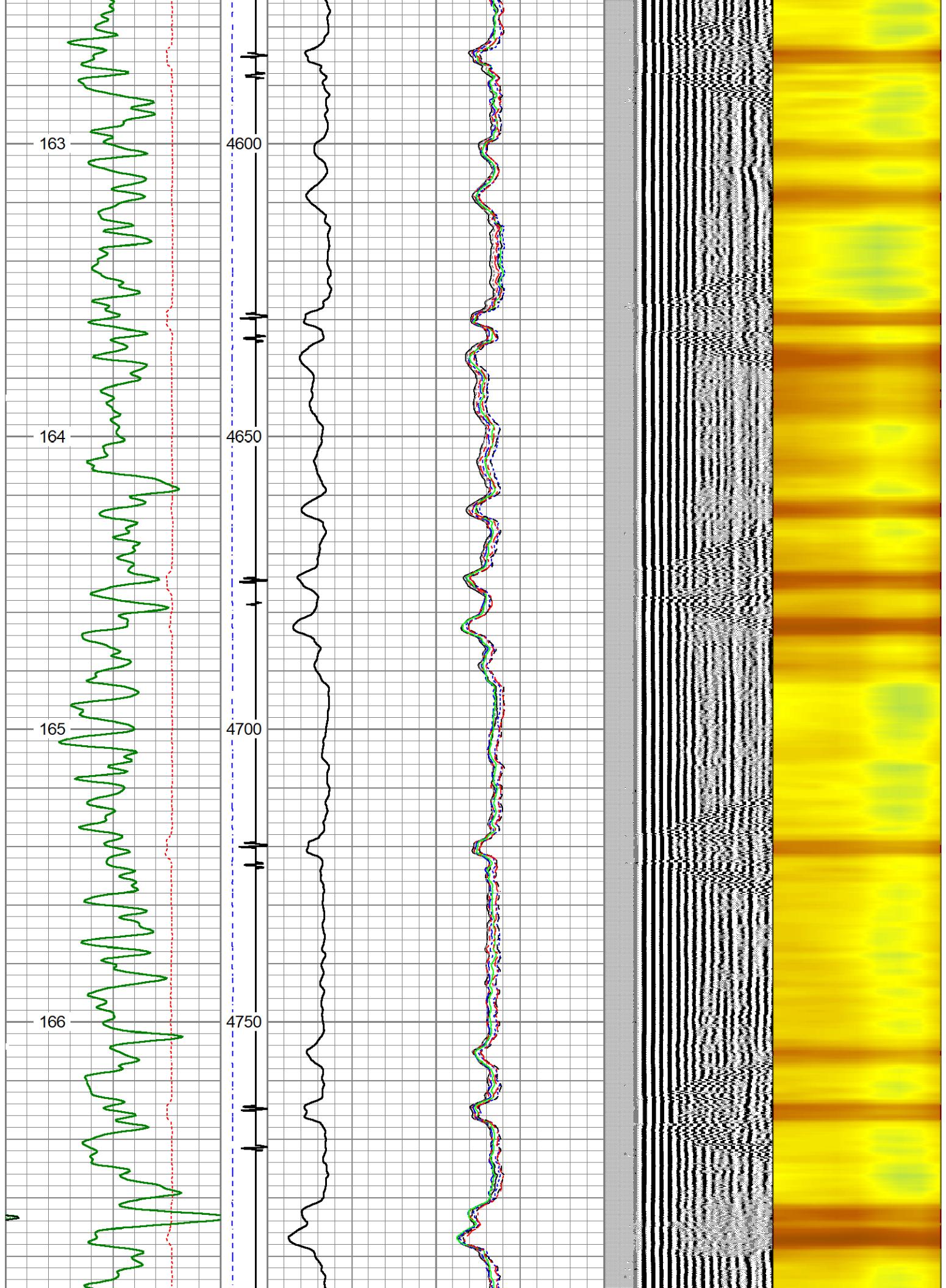


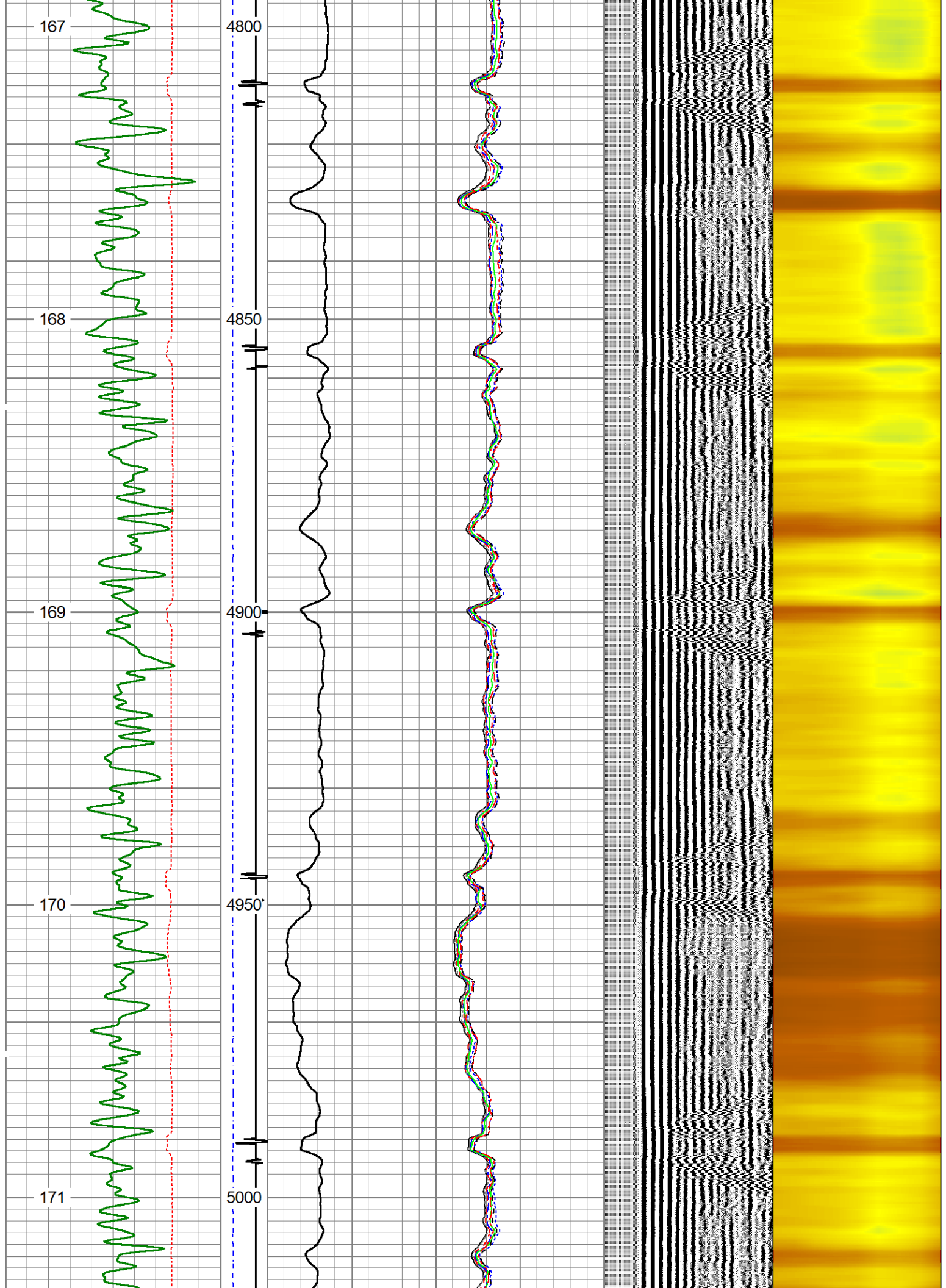


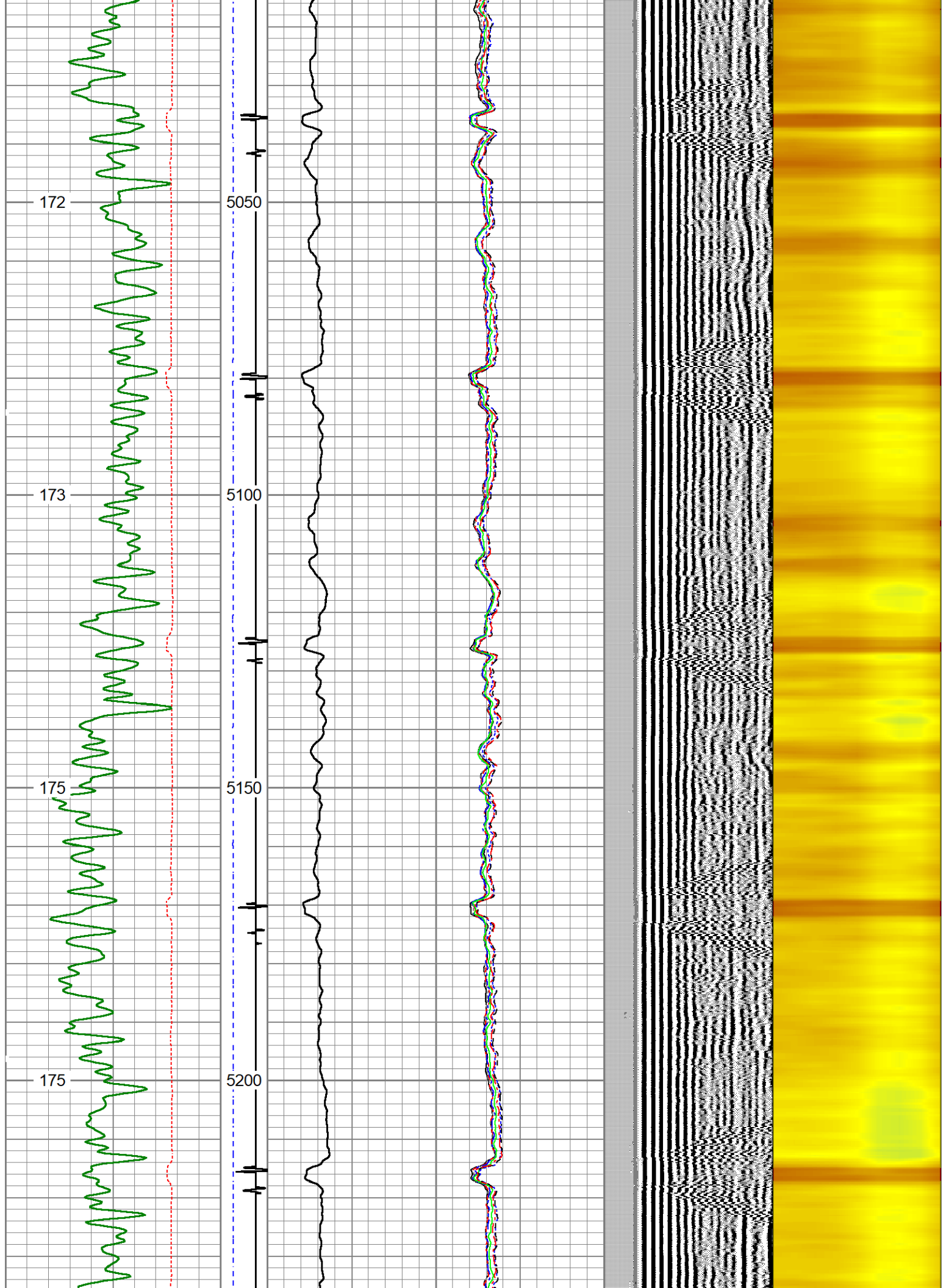


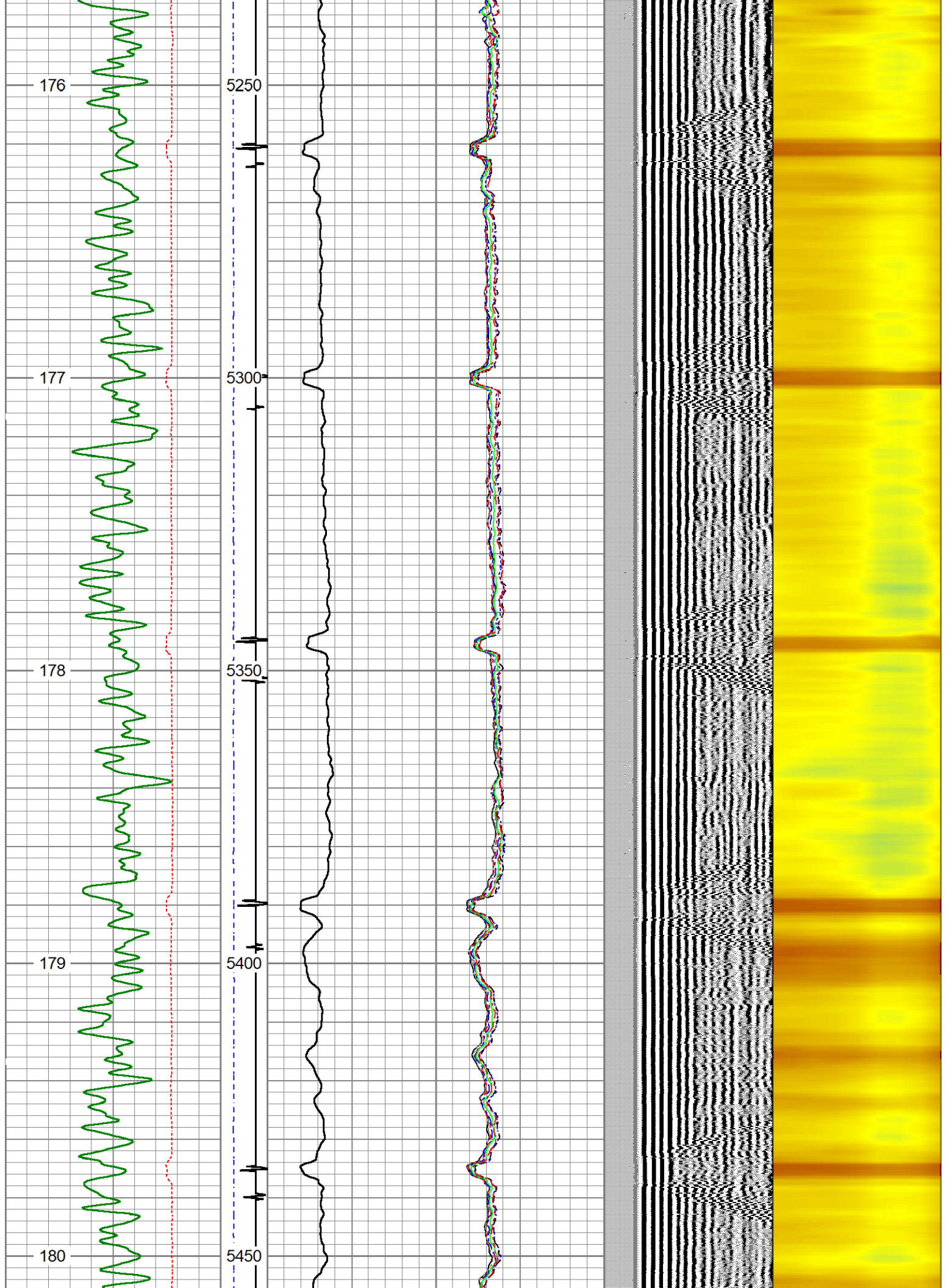


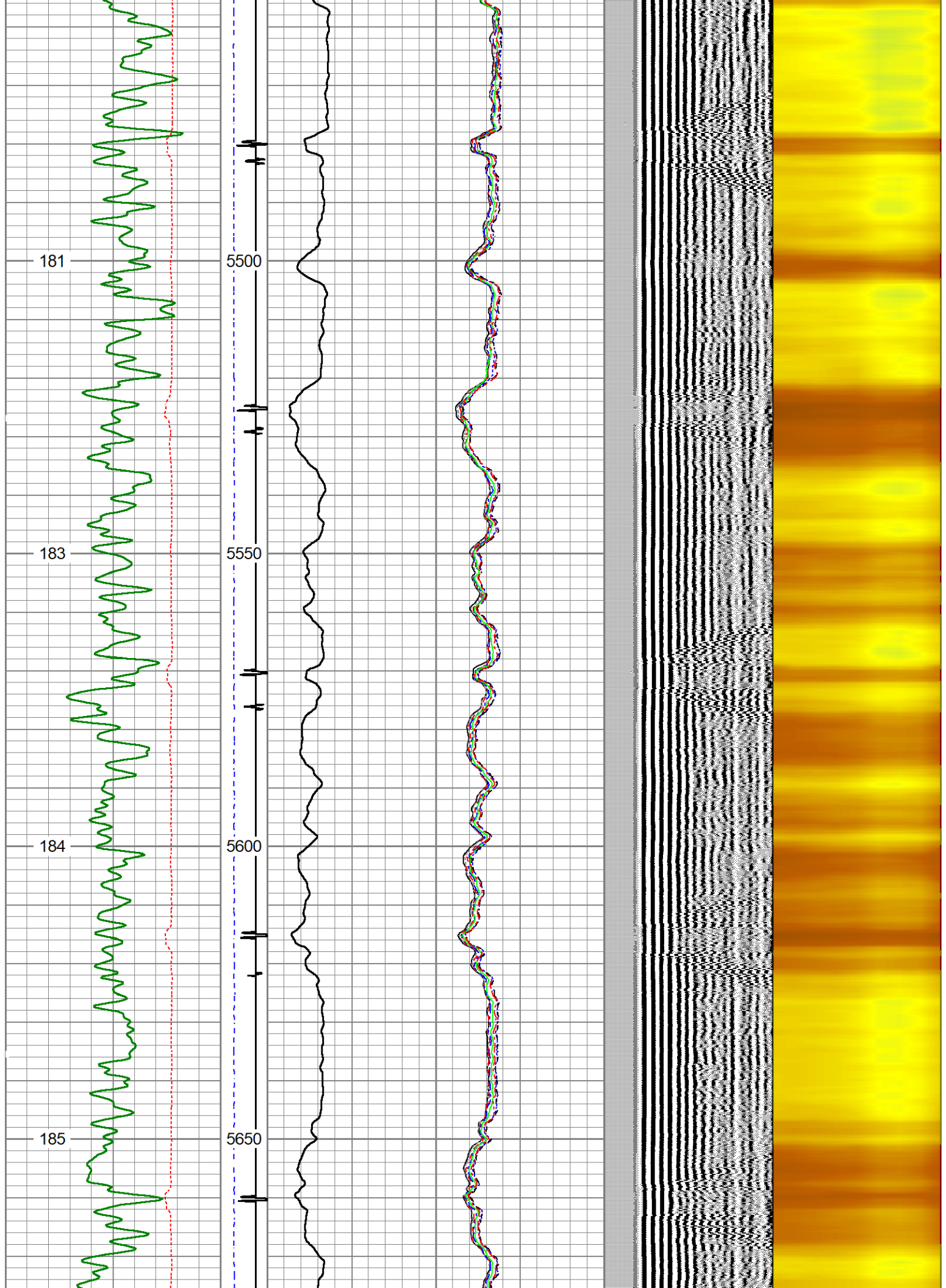


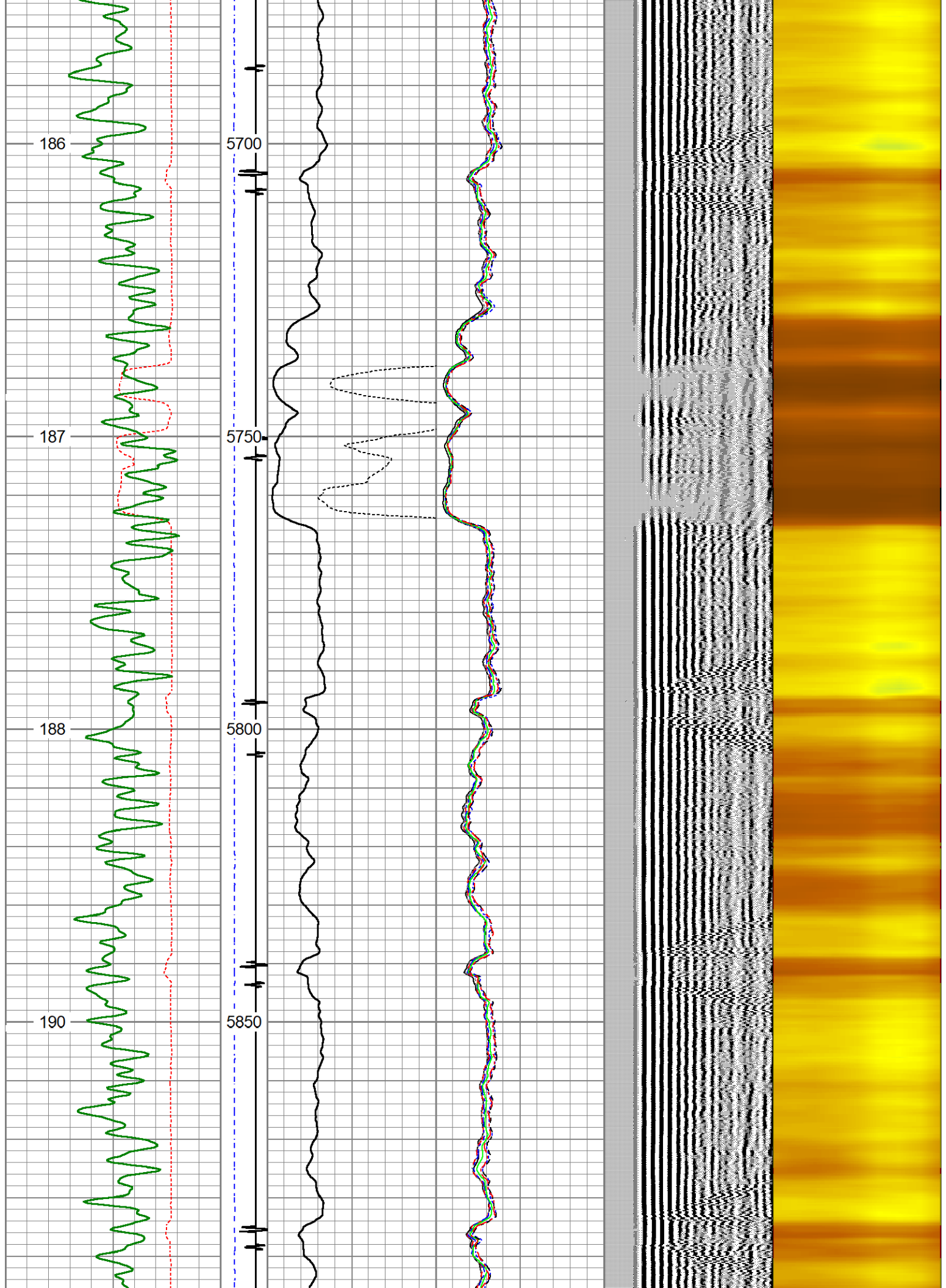


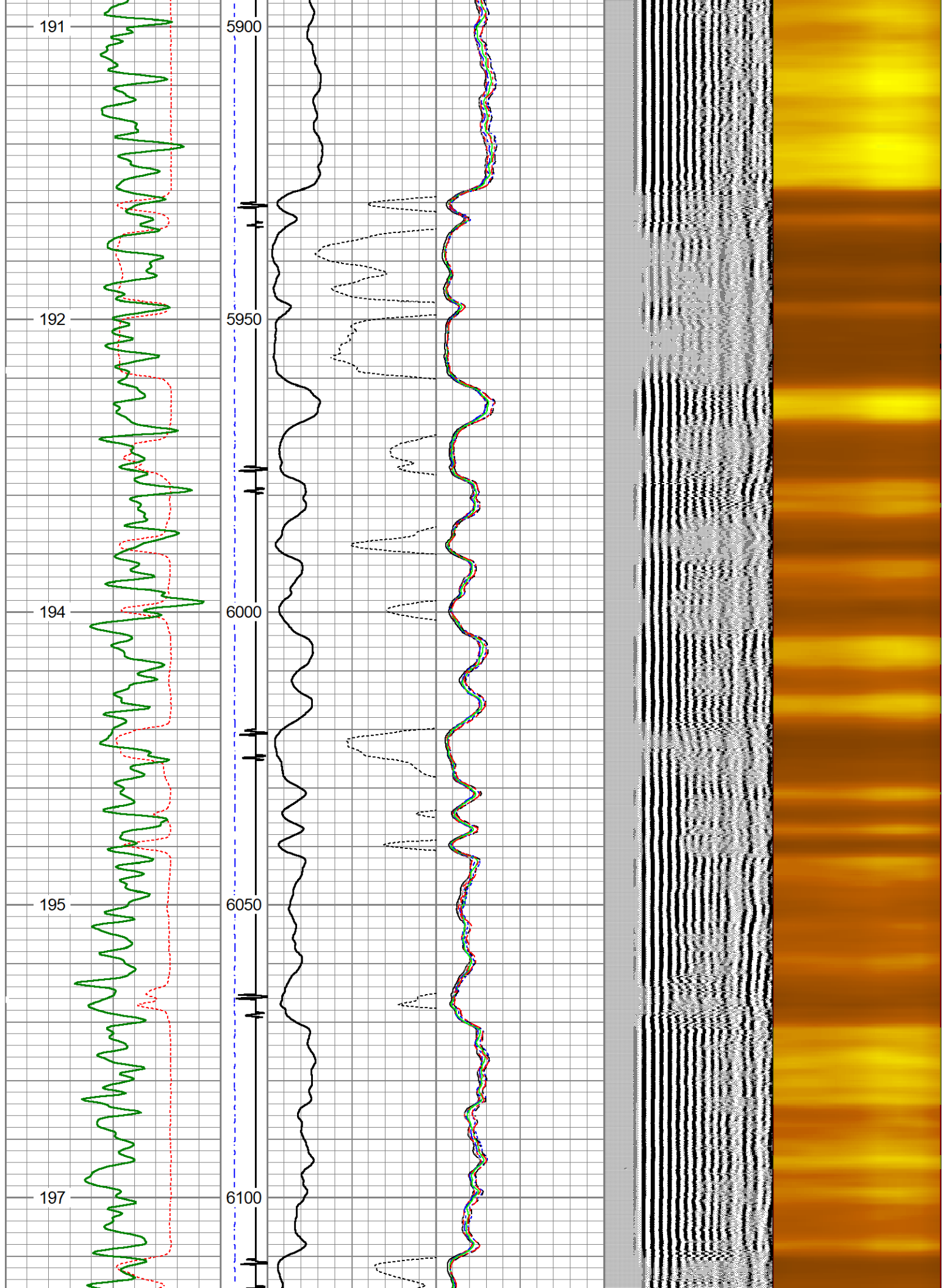


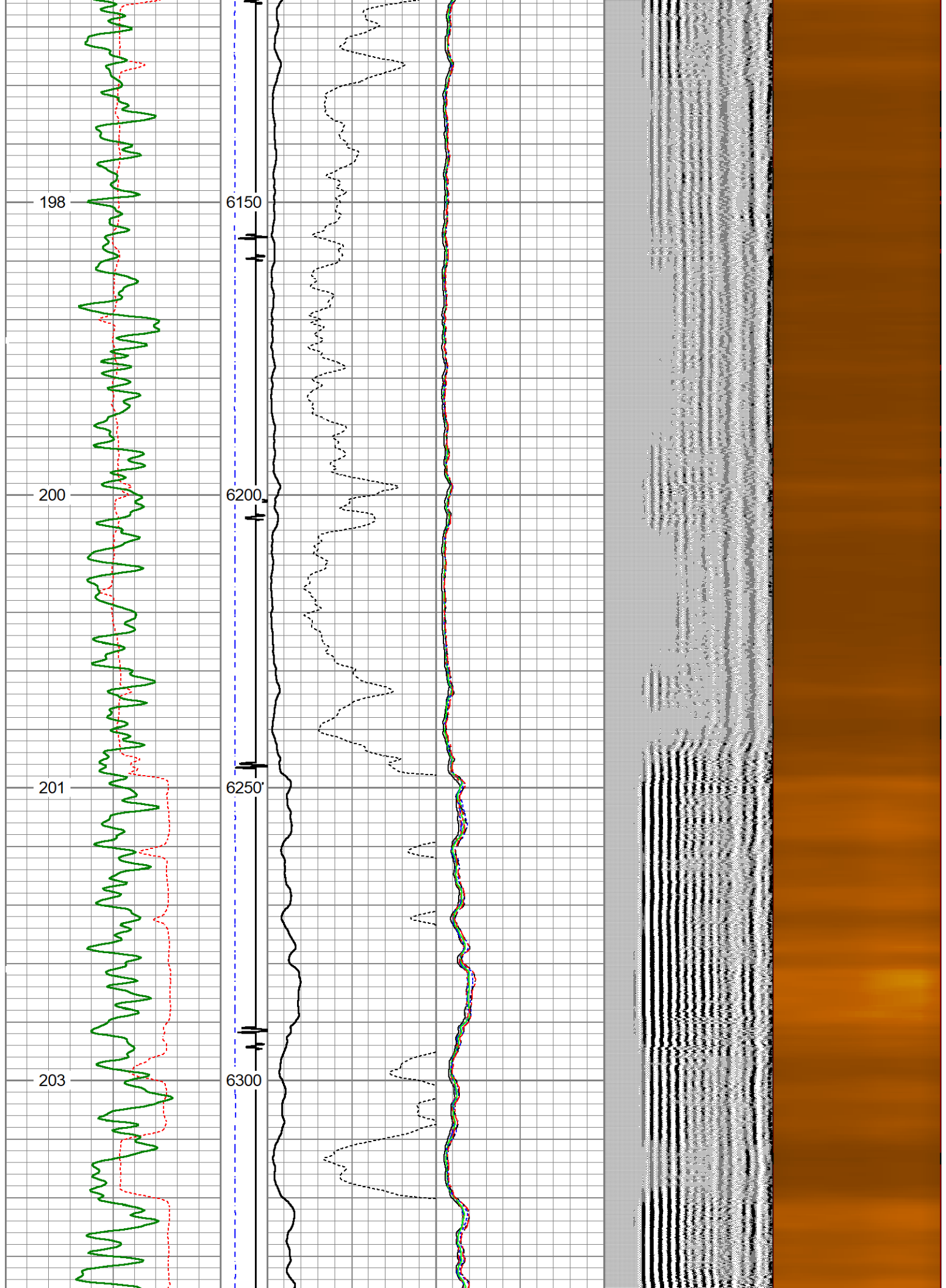


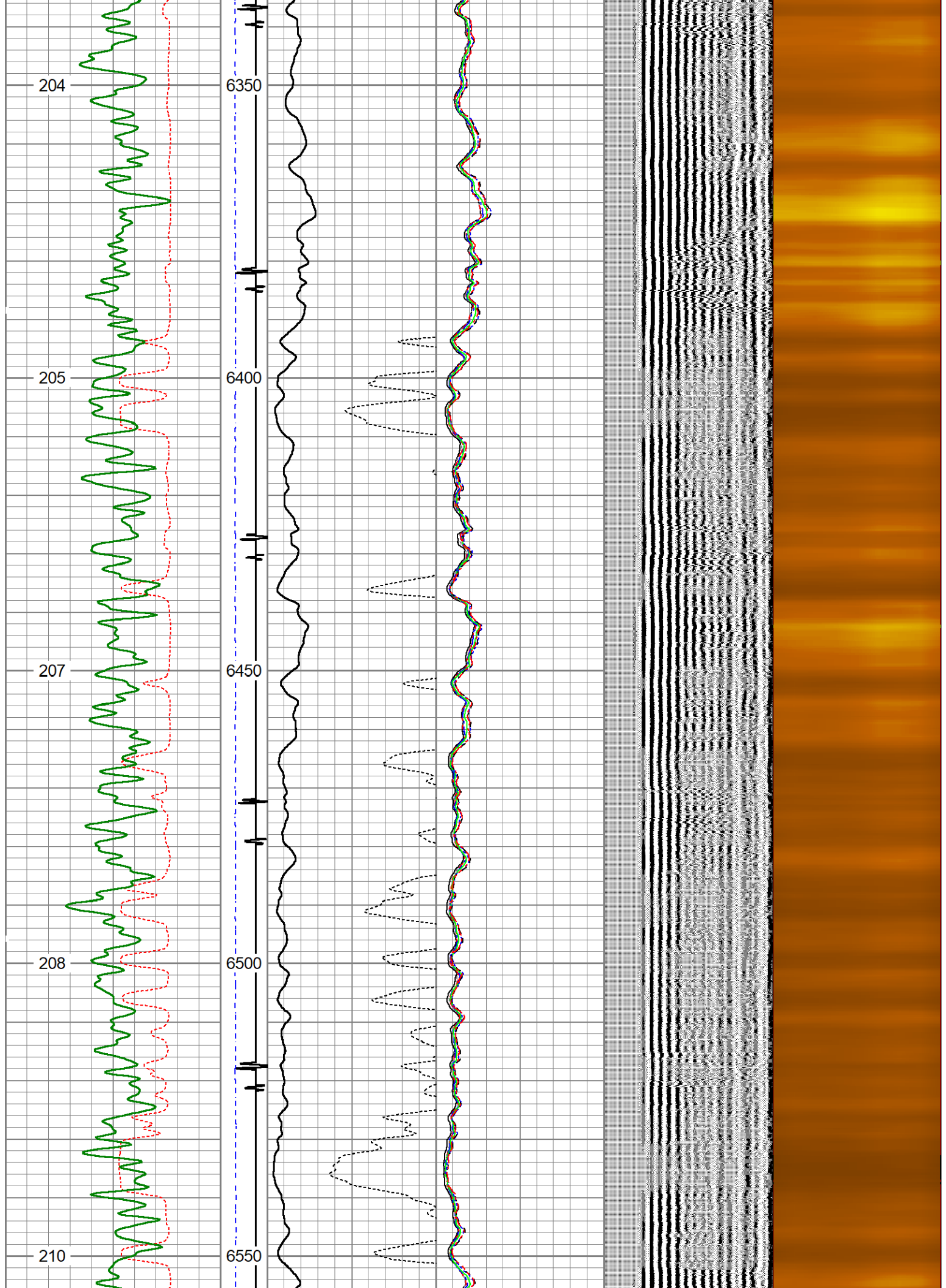


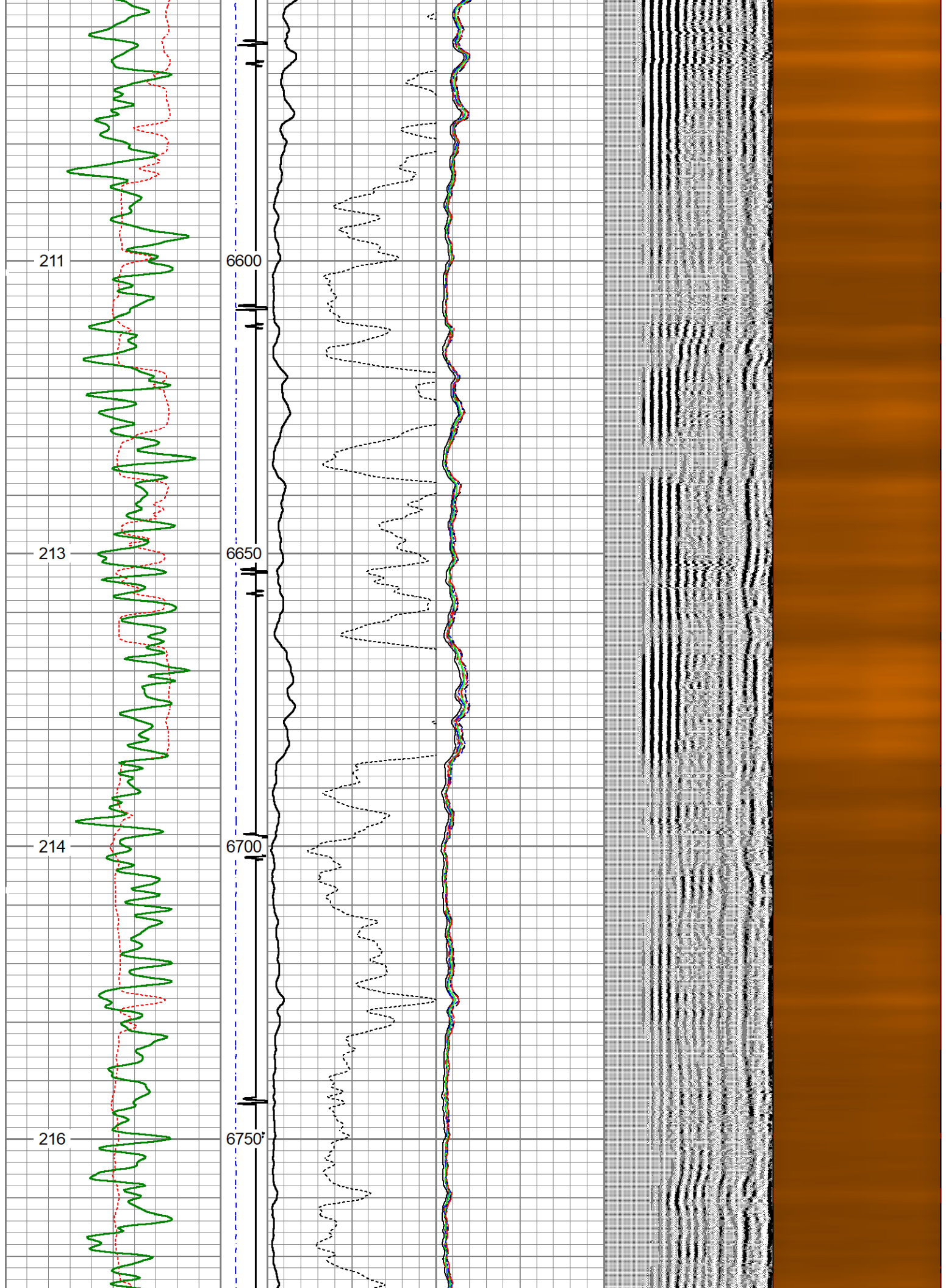


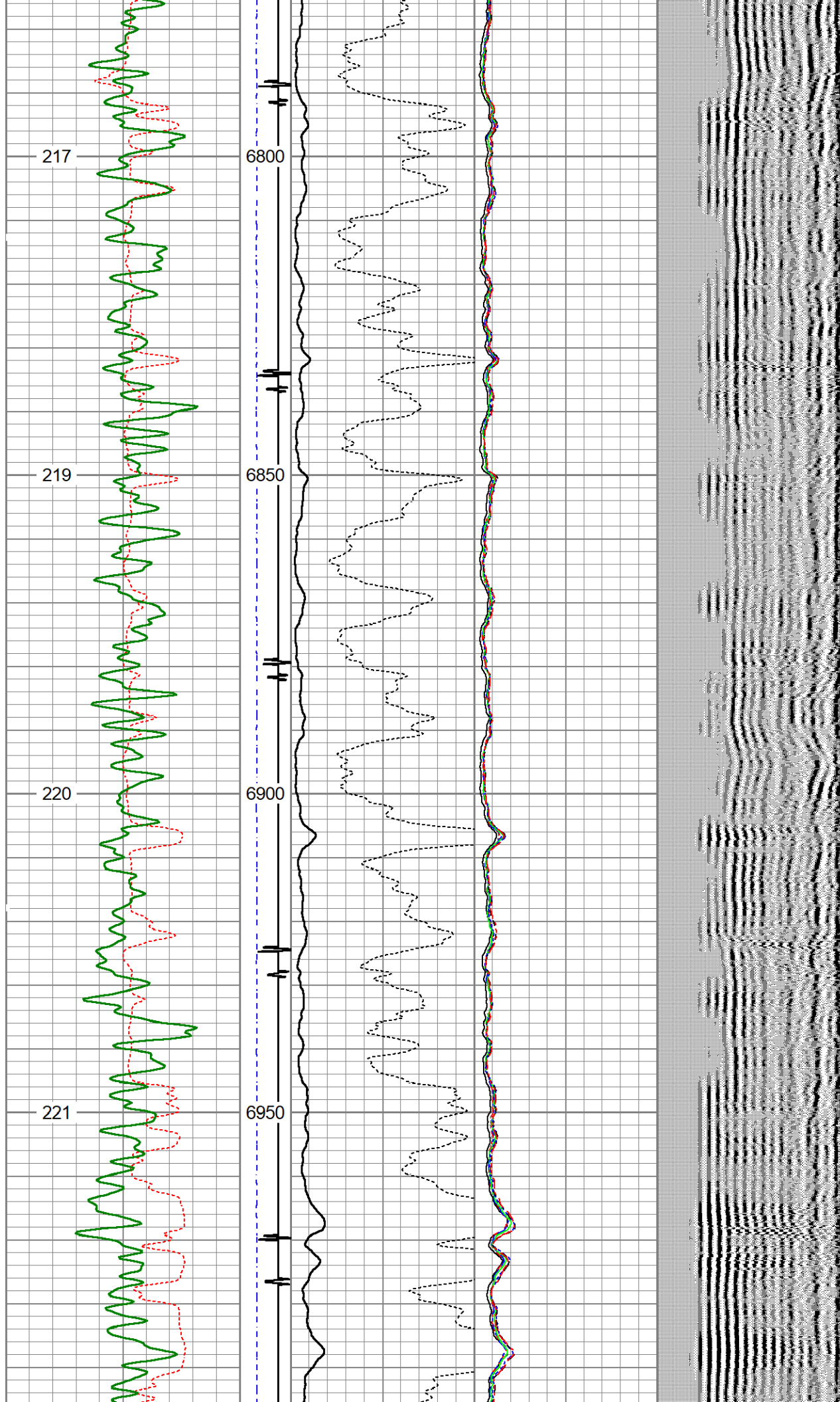


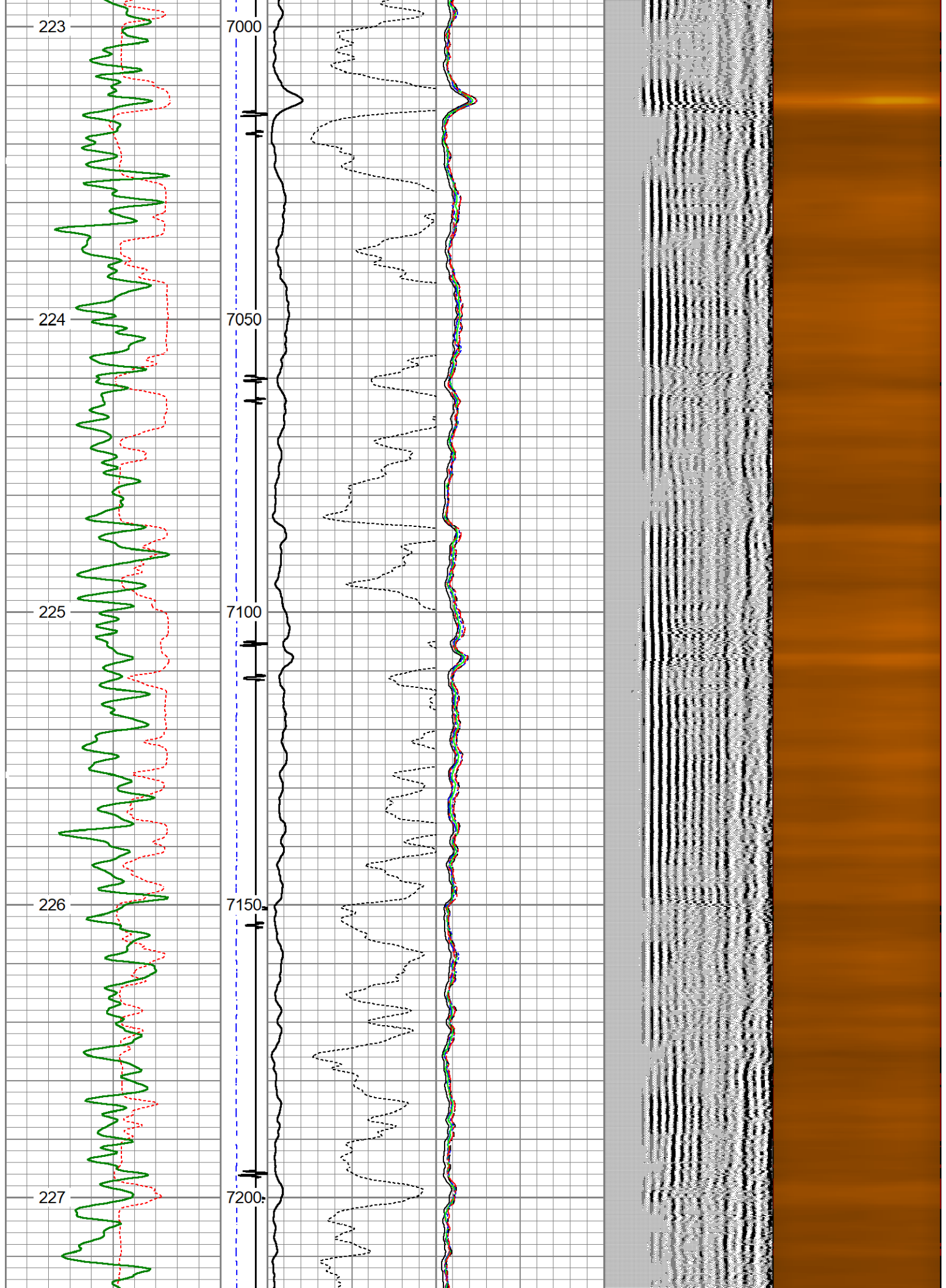


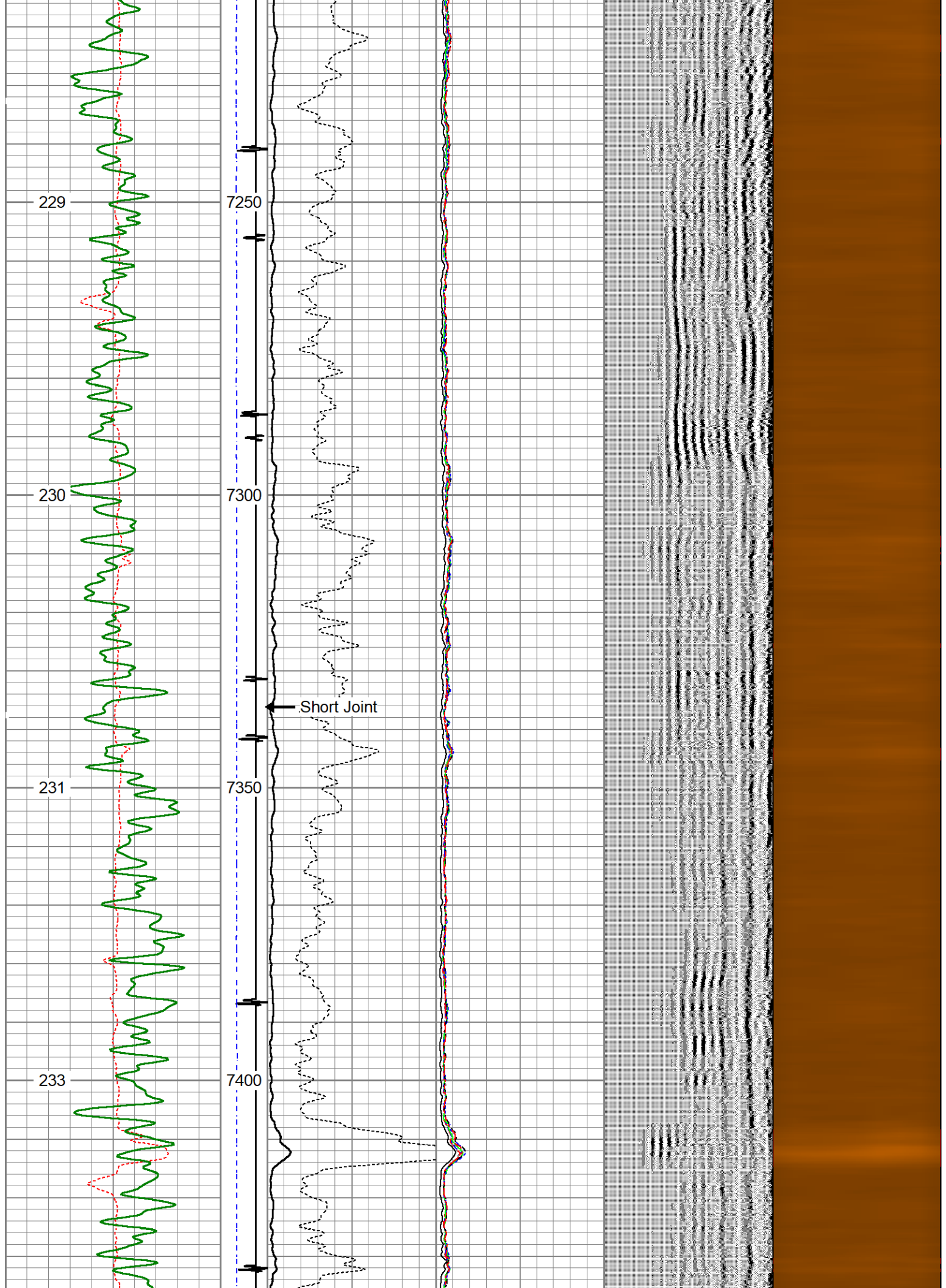


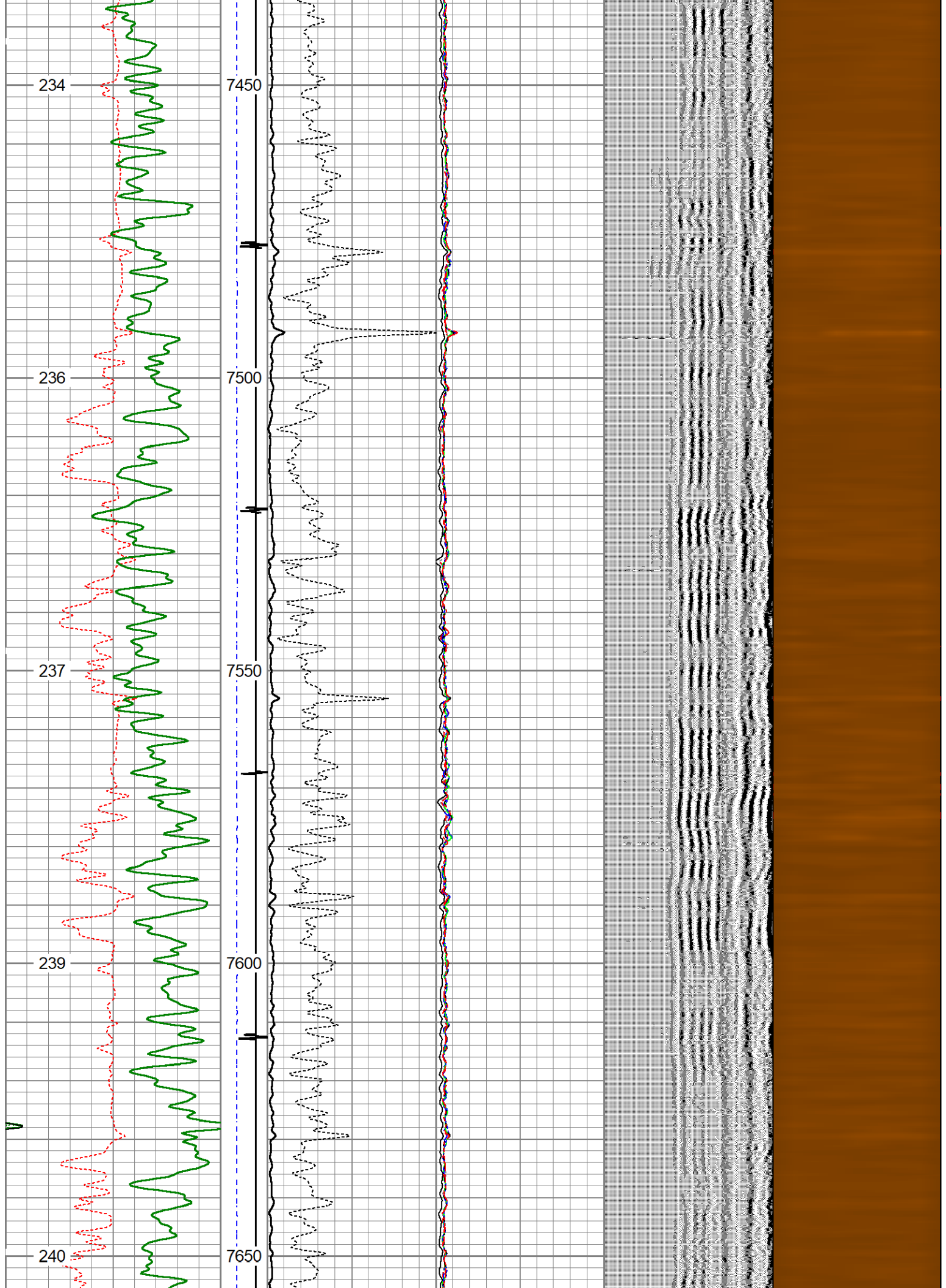


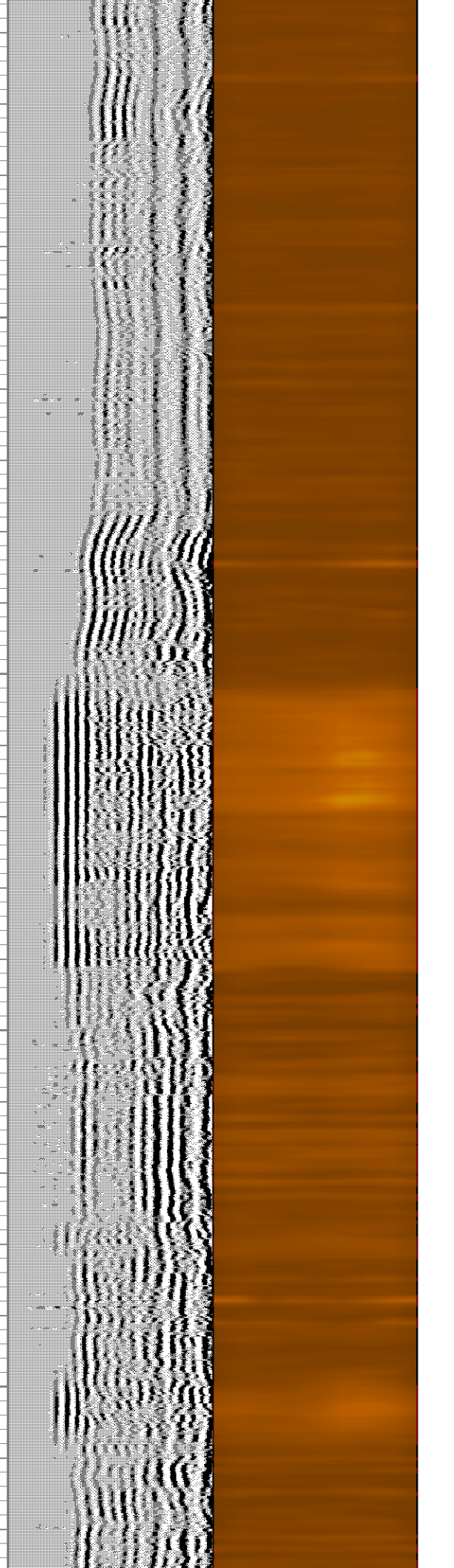
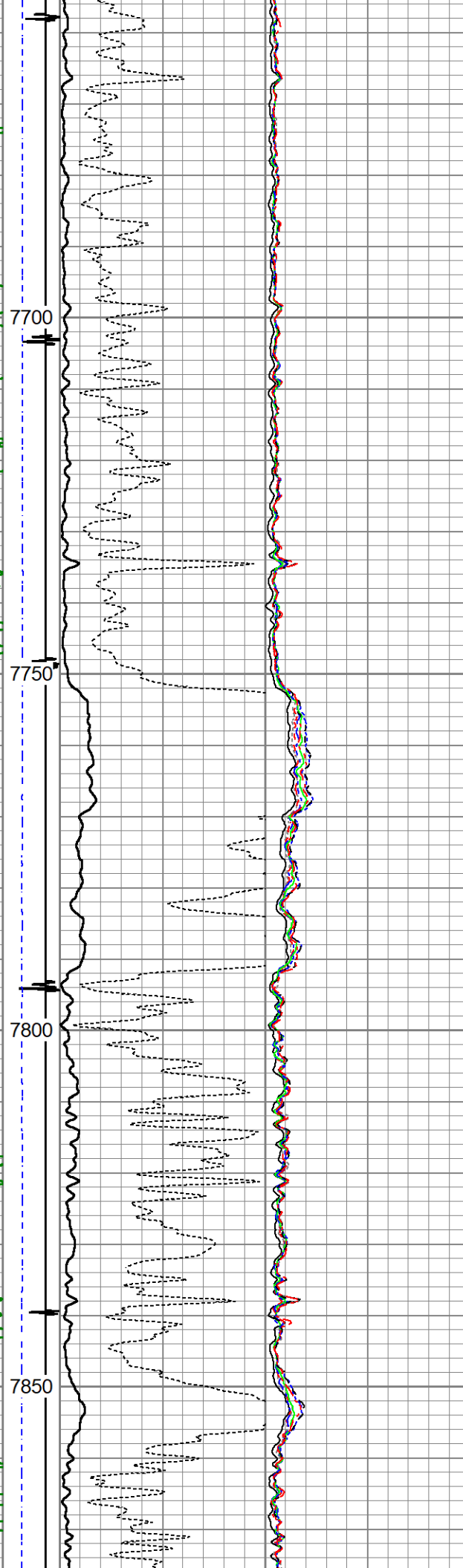
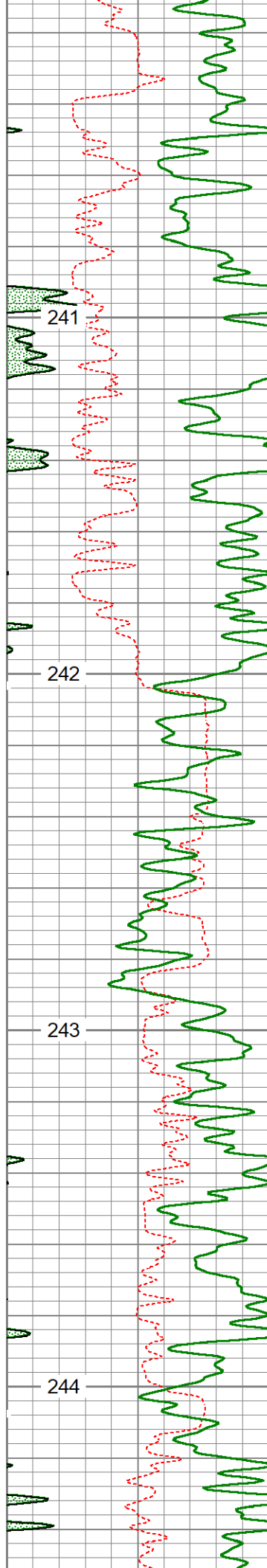


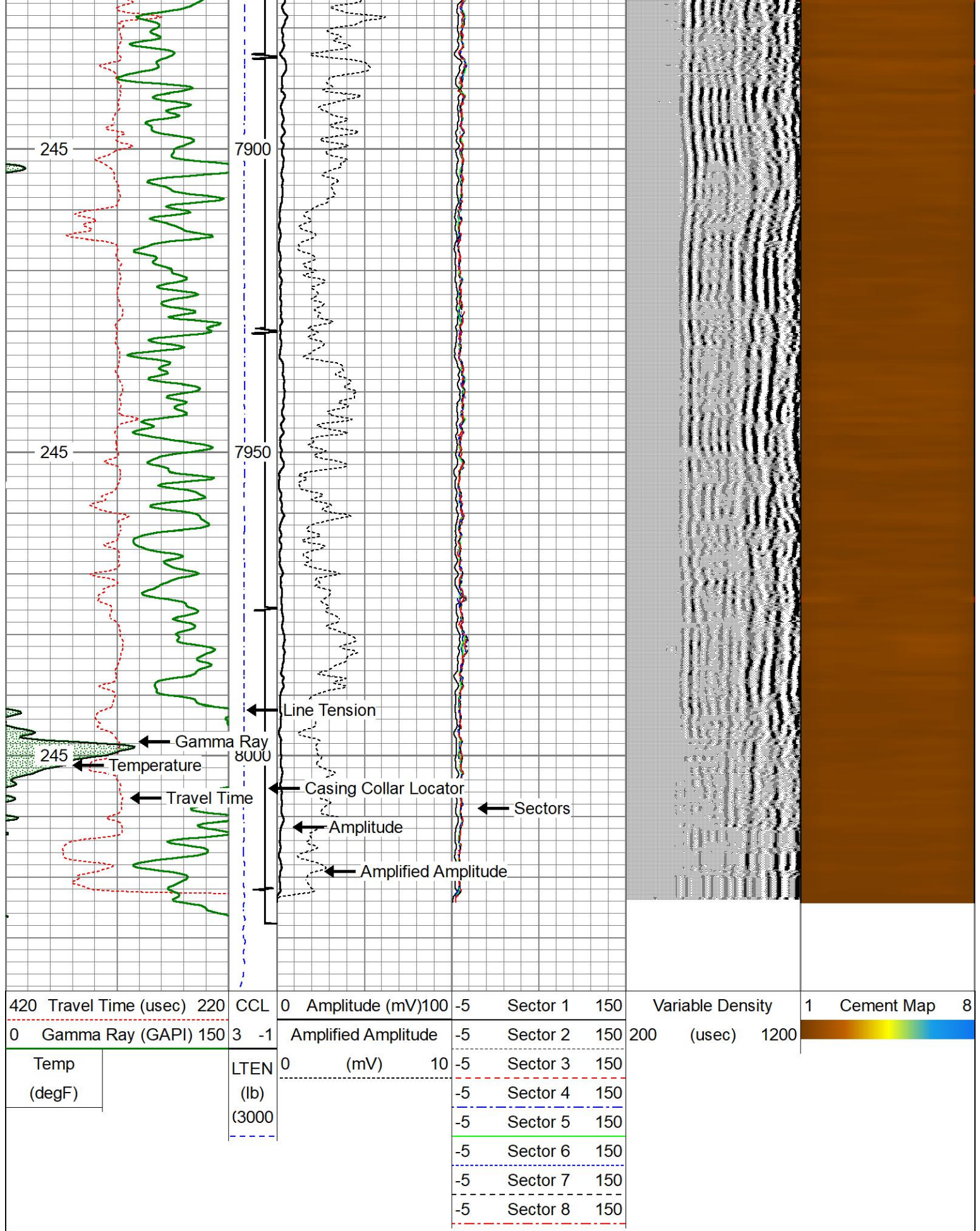









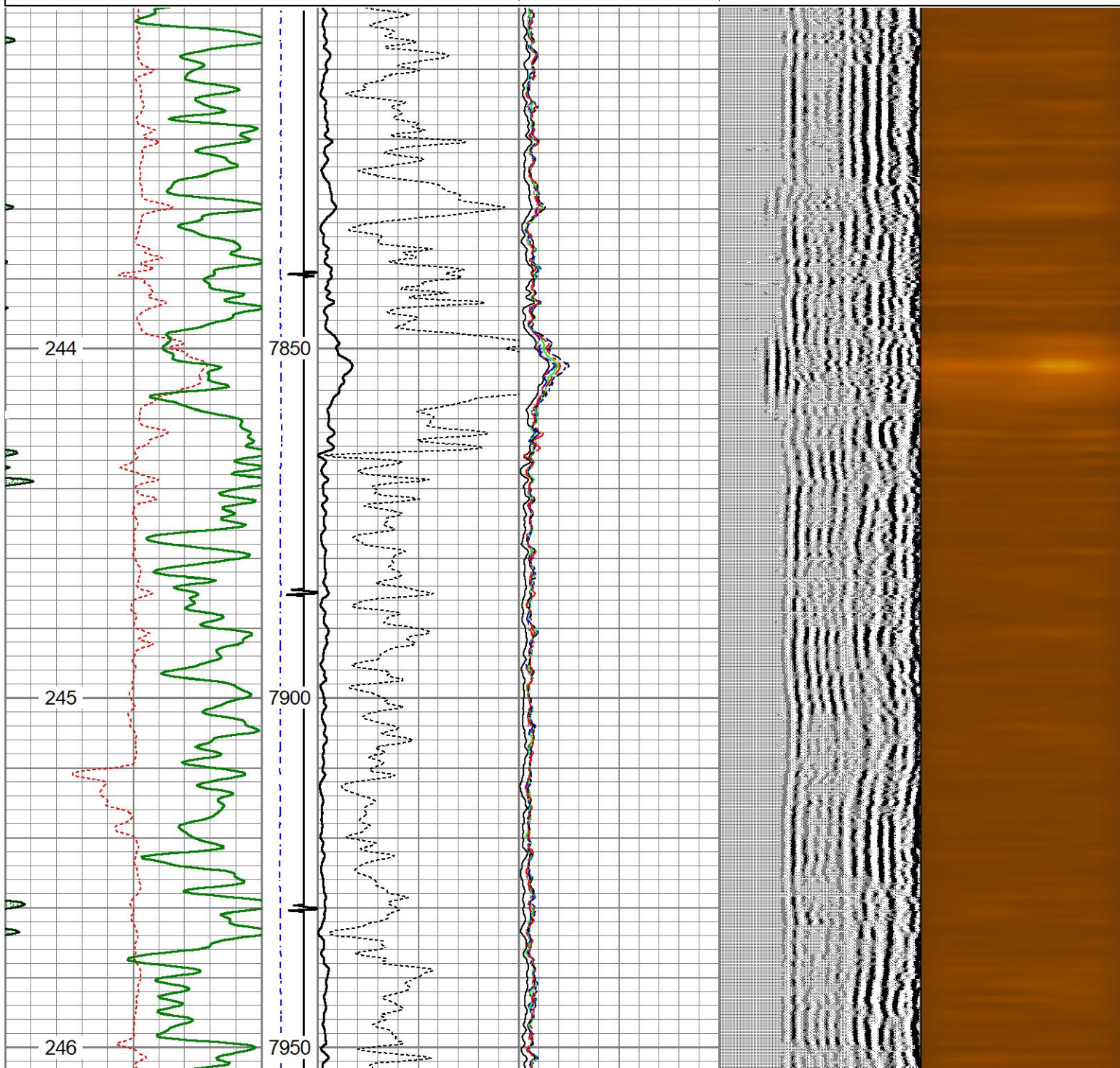


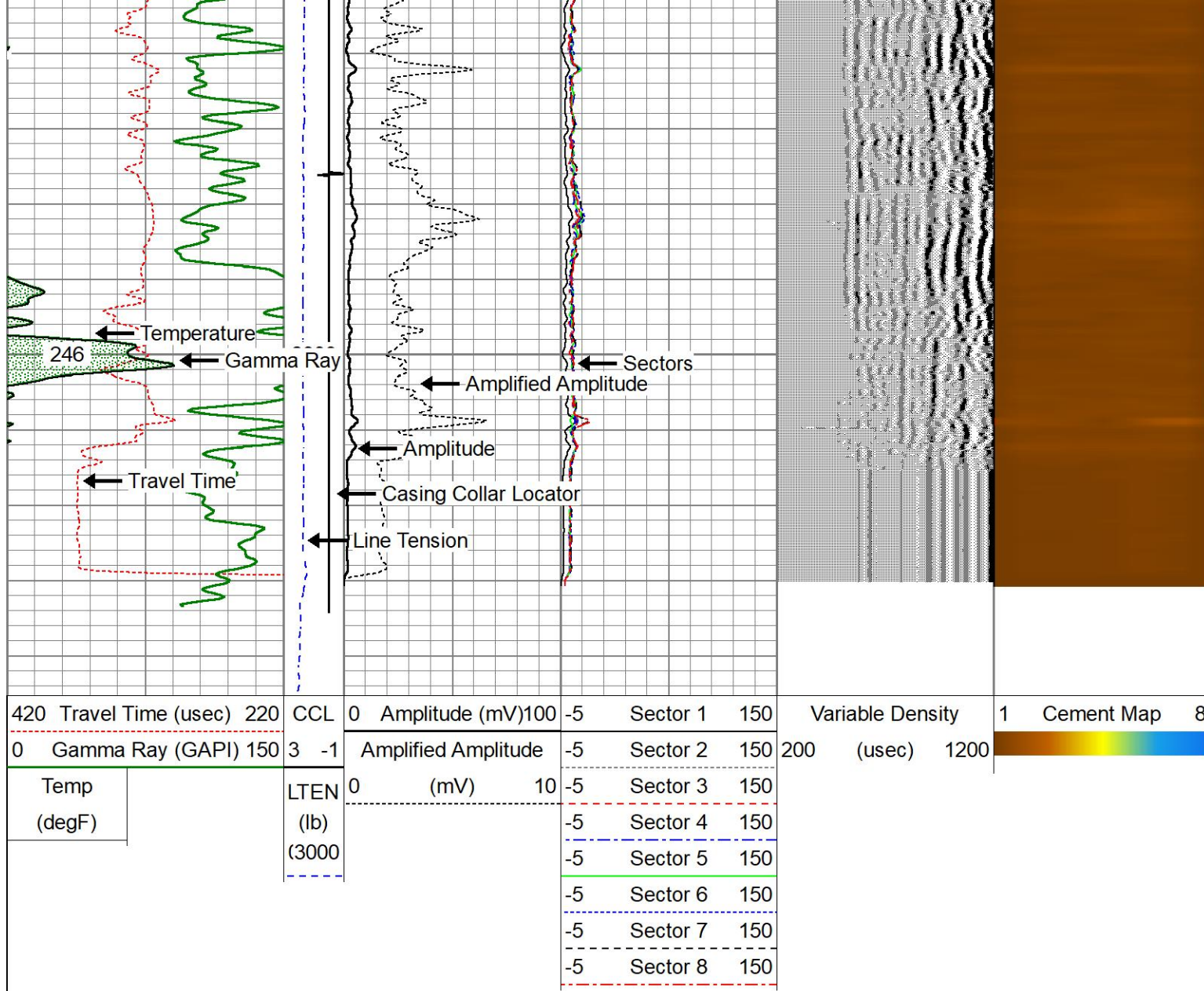


Repeat Pass

Database File gw_schneider_hd_11_022hn_rcbl.db
Dataset Pathname pass7
Presentation Format scbl03
Dataset Creation Sun Dec 01 21:42:00 2019
Charted by Depth in Feet scaled 1:240

420 Travel Time (usec) 220		CCL	0	Amplitude (mV)100	-5	Sector 1	150	Variable Density		1	Cement Map	8
0 Gamma Ray (GAPI) 150		3 -1	Amplified Amplitude		-5	Sector 2	150	200 (usec) 1200				
Temp (degF)		LTEN (lb) (3000	0	(mV) 10	-5	Sector 3	150					
				-5	Sector 4	150						
					-5	Sector 5	150					
					-5	Sector 6	150					
					-5	Sector 7	150					
					-5	Sector 8	150					





Log Variables

DatabaseC:\ProgramData\Warrior\Data\gw_schneider_hd_11_022hn_rcbl.db
Dataset field/well/run1/pass10.2/_vars_

Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
TEMP	in	degF	in	in	lb/ft	mV	mV
	8.5	246	5.5	0	17	71	1
MINATTN	PERFS	PPT	SRFTEMP	TDEPTH			
db/ft		usec	degF	ft			
0.8	No	0	0	0			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude

MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report

Database File gw_schneider_hd_11_022hn_rcbl.db
Dataset Pathname pass10
Dataset Creation Sun Dec 01 21:48:28 2019

Gamma Ray Calibration Report

Serial Number: FW1304-44
Tool Model: Probe275
Performed: Wed Nov 27 12:25:12 2019

Calibrator Value: 1036.2 GAPI

Background Reading: 64.0 cps
Calibrator Reading: 1252.4 cps

Sensitivity: 0.8719 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1306-47
Tool Model: Probe 2.75 Radii W/Temp

Calibration Casing Diameter: 5.500 in
Calibration Depth: 1079.992 ft

Master Calibration, performed Sun Dec 01 21:18:50 2019:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.009	0.475	1.000	71.921	152.162	-0.345
CAL	0.009	0.710				
5'	0.009	0.449	1.000	71.921	161.156	-0.412
SUM						
S1	0.021	0.467	0.000	100.000	224.352	-4.672
S2	0.009	0.483	0.000	100.000	210.949	-1.954
S3	0.009	0.489	0.000	100.000	208.522	-1.922
S4	0.009	0.479	0.000	100.000	212.940	-1.929
S5	0.009	0.471	0.000	100.000	216.622	-1.944
S6	0.009	0.462	0.000	100.000	220.785	-1.981
S7	0.009	0.452	0.000	100.000	225.830	-2.125
S8	0.009	0.459	0.000	100.000	221.909	-1.959

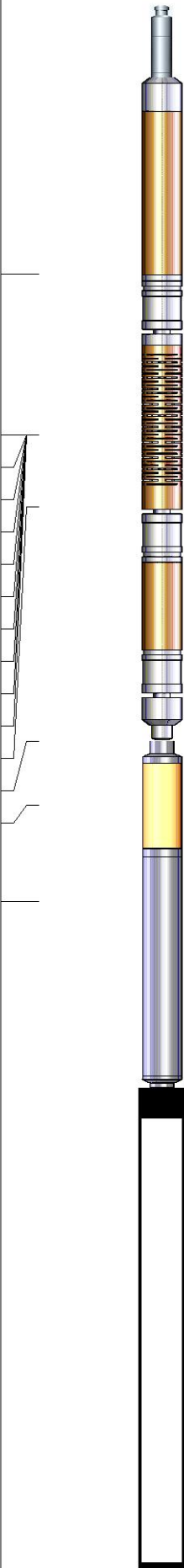
Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.009	0.710	1.000	0.000

Air Zero Calibration, performed Sun Dec 01 16:00:54 2019:

	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	

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	Length (ft)	O.D. (in)	Weight (lb)	
Temp	18.28		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00	
			RBT-Probe 2.75 Radii W/Temp (FW1306-47) Probe 2.75" Radial with Integral Temperature Sub	9.21	2.75	90.00	
			WVFS8	16.05			
			WVFS7	16.05			
			WVFS6	16.05			
			WVFS5	16.05			
			WVFS4	16.05			
			WVFS3	16.05			
			WVFS2	16.05			
			WVFS1	16.05			
WVFCAL	16.05						
WVF3FT	16.05						
WVF5FT	15.05						
HeadVolt	11.80						
CCL	10.92						
GR	9.58		GR-Probe275 (FW1304-44) Probe 2 3/4" Logging Gamma Ray 6 Pin	4.80	2.75	57.00	
			WeightBar-7ft313inlineS 3 1/8" Steel 7" In Line Weight Bar	7.00	3.13	149.00	

Dataset:	gw_schneider_hd_11_022hn_rcbl.db: field/well/run1/pass10.2
Total length:	22.01 ft
Total weight:	301.00 lb
O.D.:	3.13 in



Company	Great Western Oil & Gas
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Well	Schneider HD 11-022HN
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Field	Wattenberg
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County	Weld
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State	Colorado
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Country	
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