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Comments

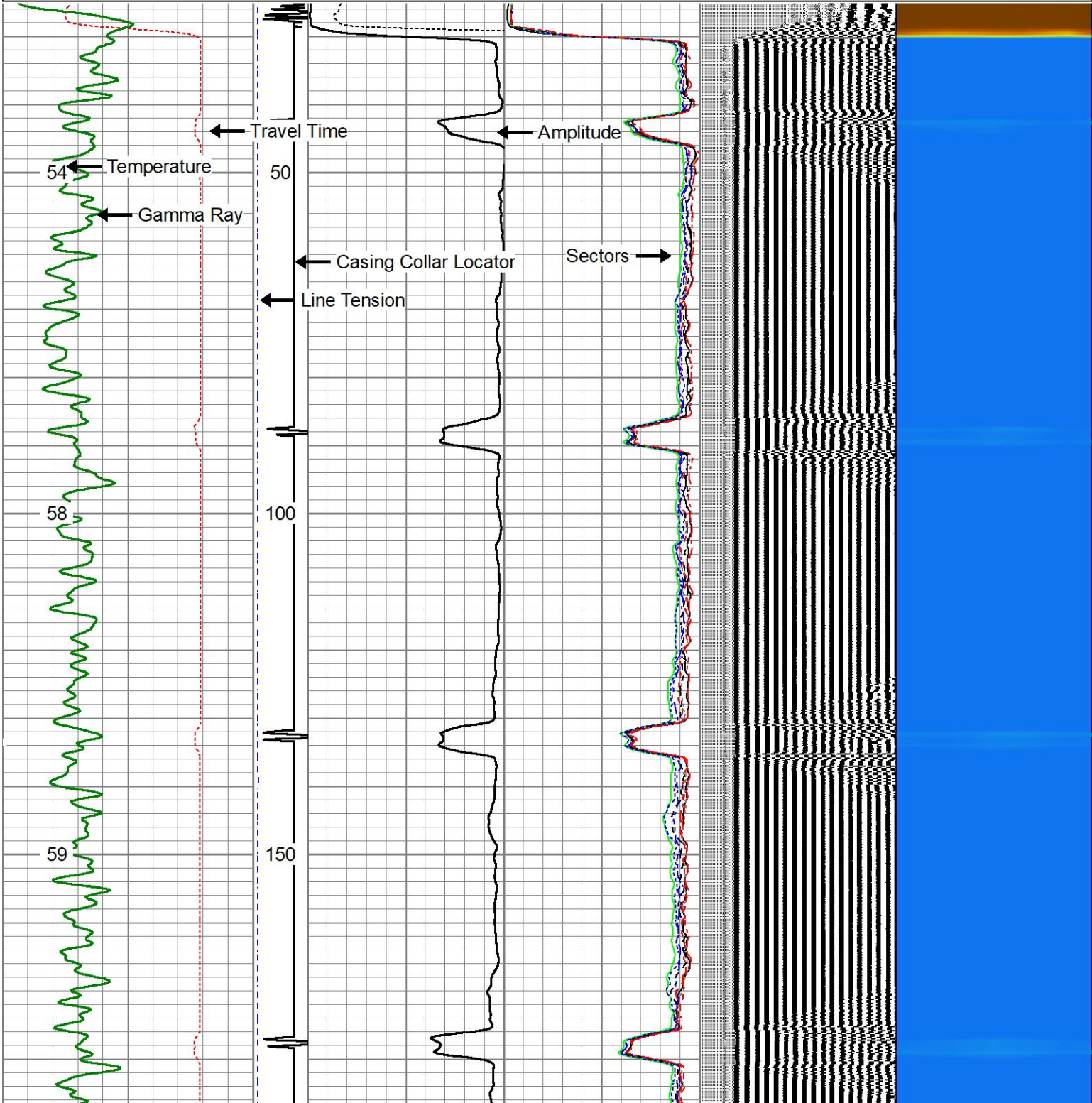
Thank You for using KLX Energy Services



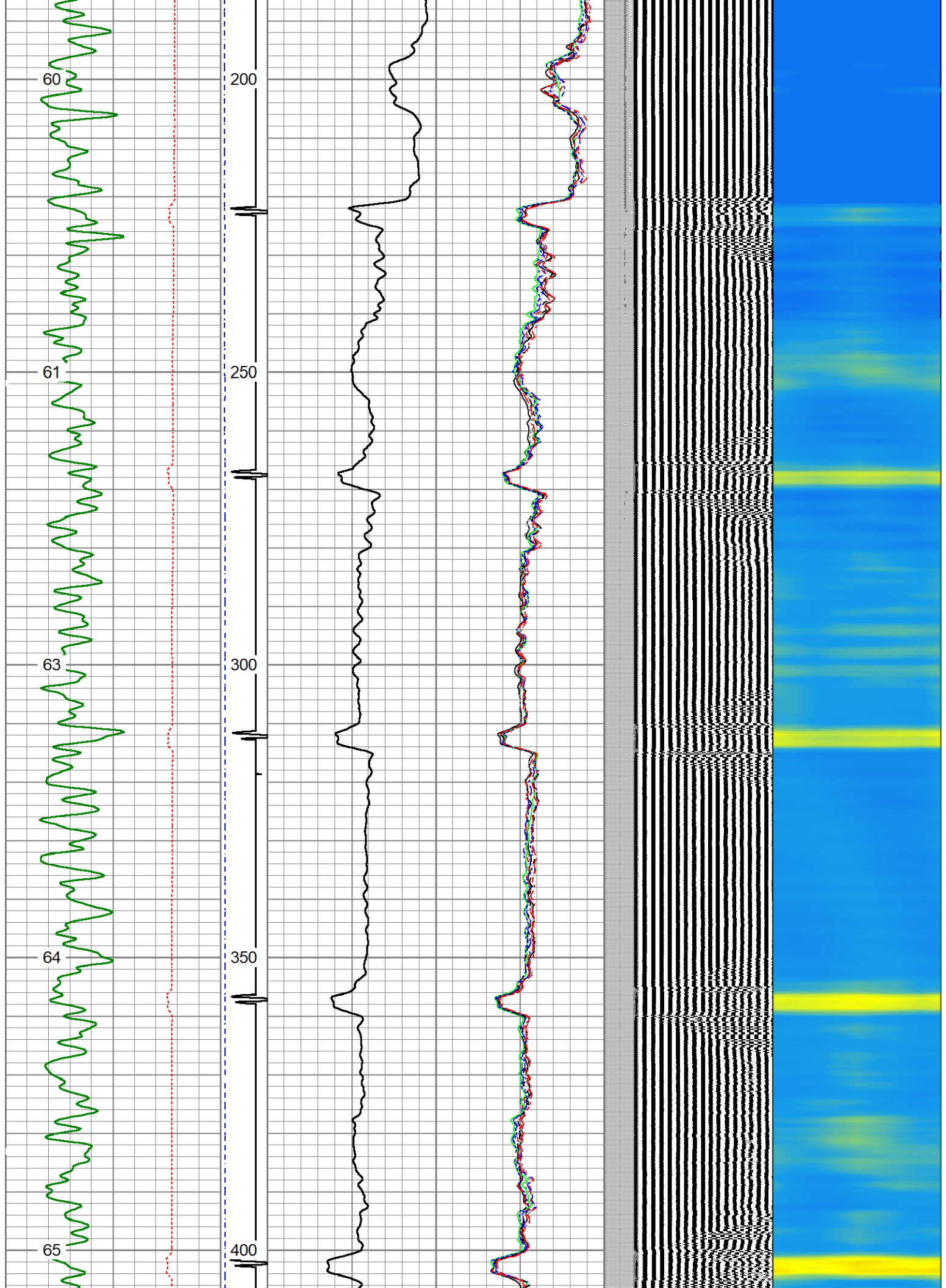
500 PSI | 5"=100'

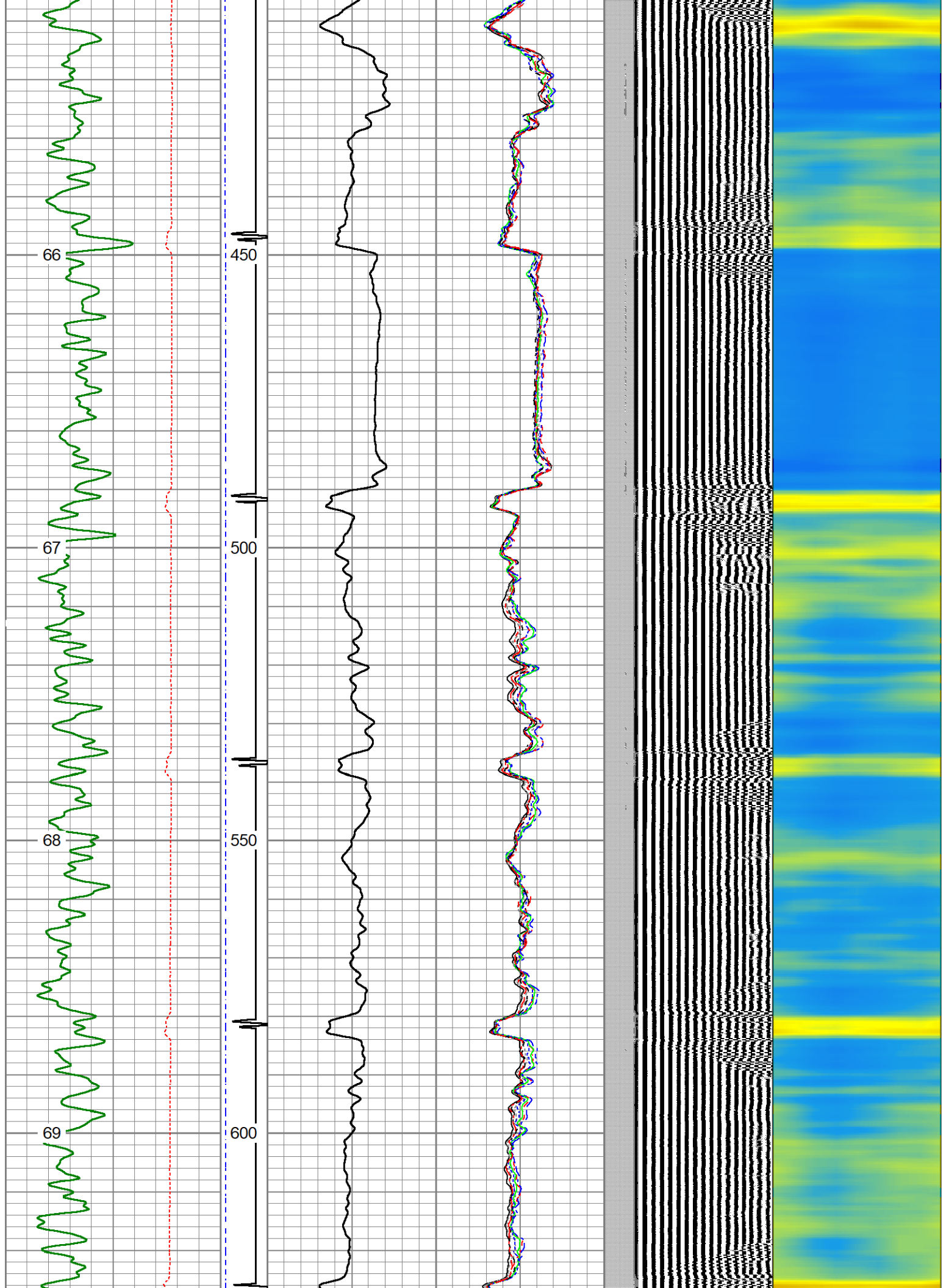
Database File	gw_schneider_hd_11_022hc_rcbl.db
Dataset Pathname	pass5
Presentation Format	scbl03
Dataset Creation	Mon Dec 02 00:19:49 2019
Charted by	Depth in Feet scaled 1:240

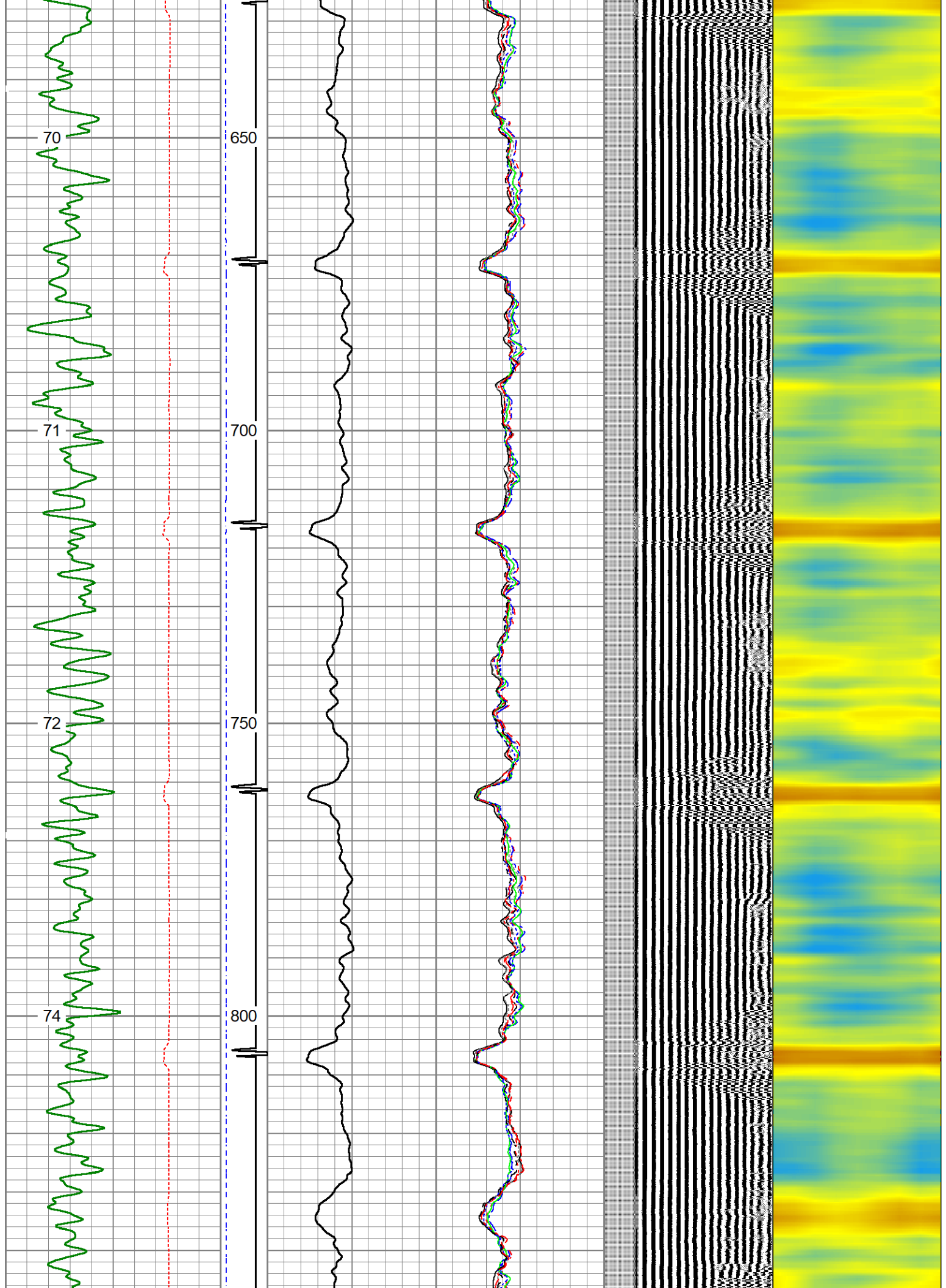
420 Travel Time (usec) 220		CCL	0	Amplitude (mV)100	-5	Sector 1	150	Variable Density		1	Cement Map	8
0 Gamma Ray (GAPI) 150		3 -1	Amplified Amplitude		-5	Sector 2	150	200 (usec) 1200				
Temp		LTEN	0	(mV) 10	-5	Sector 3	150					
(degF)		(lb)			-5	Sector 4	150					
		(3000			-5	Sector 5	150					
				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



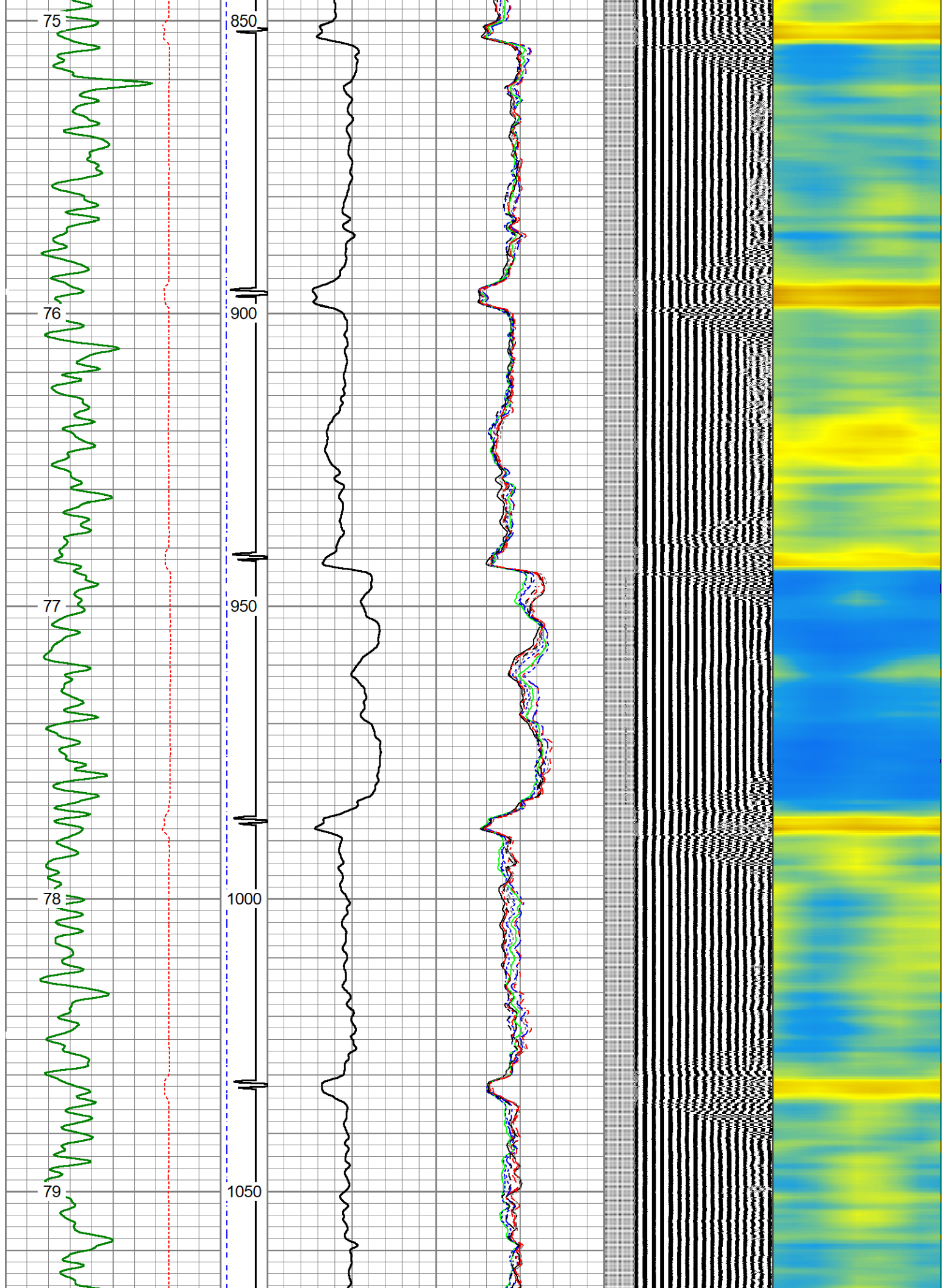


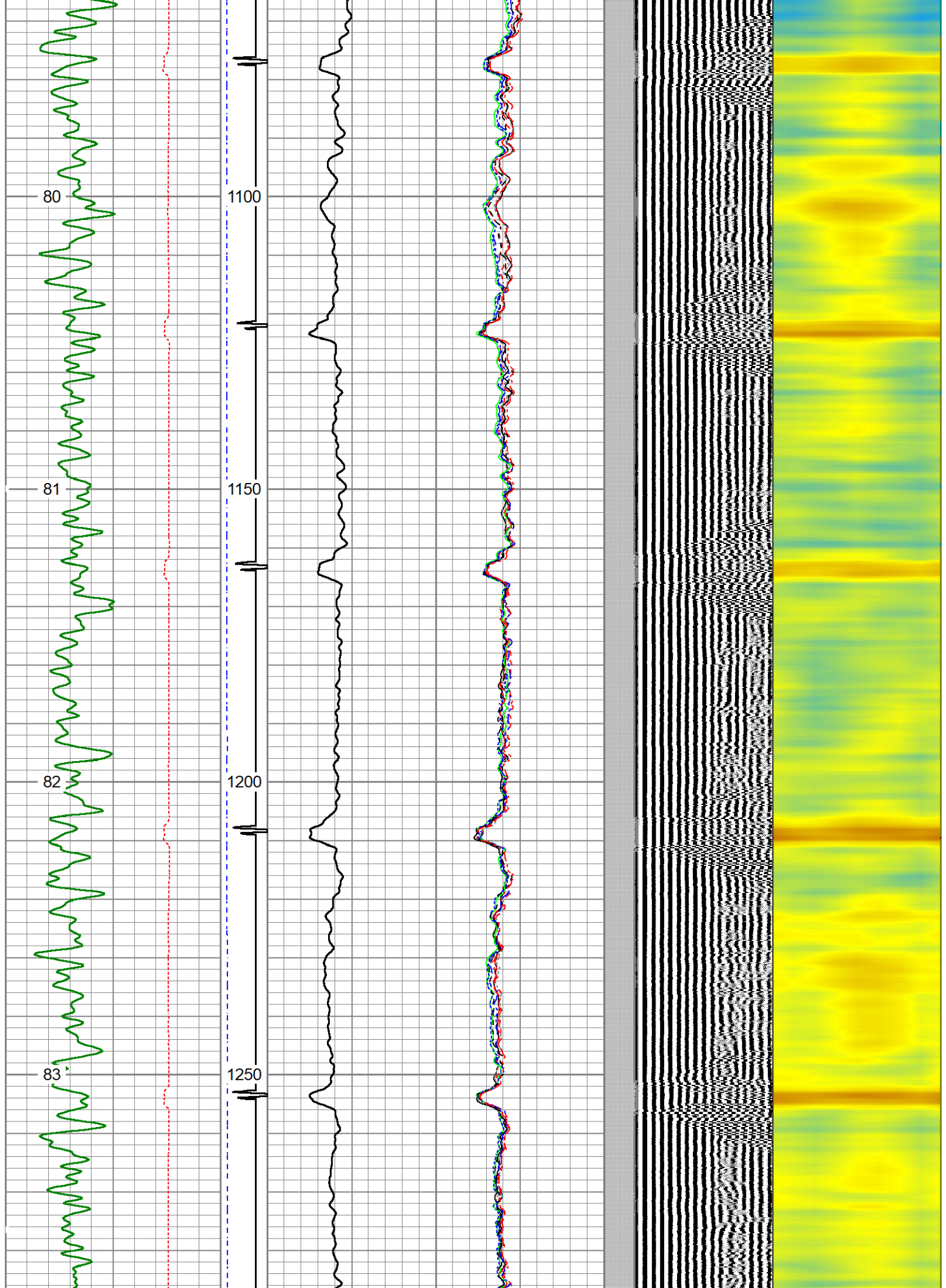


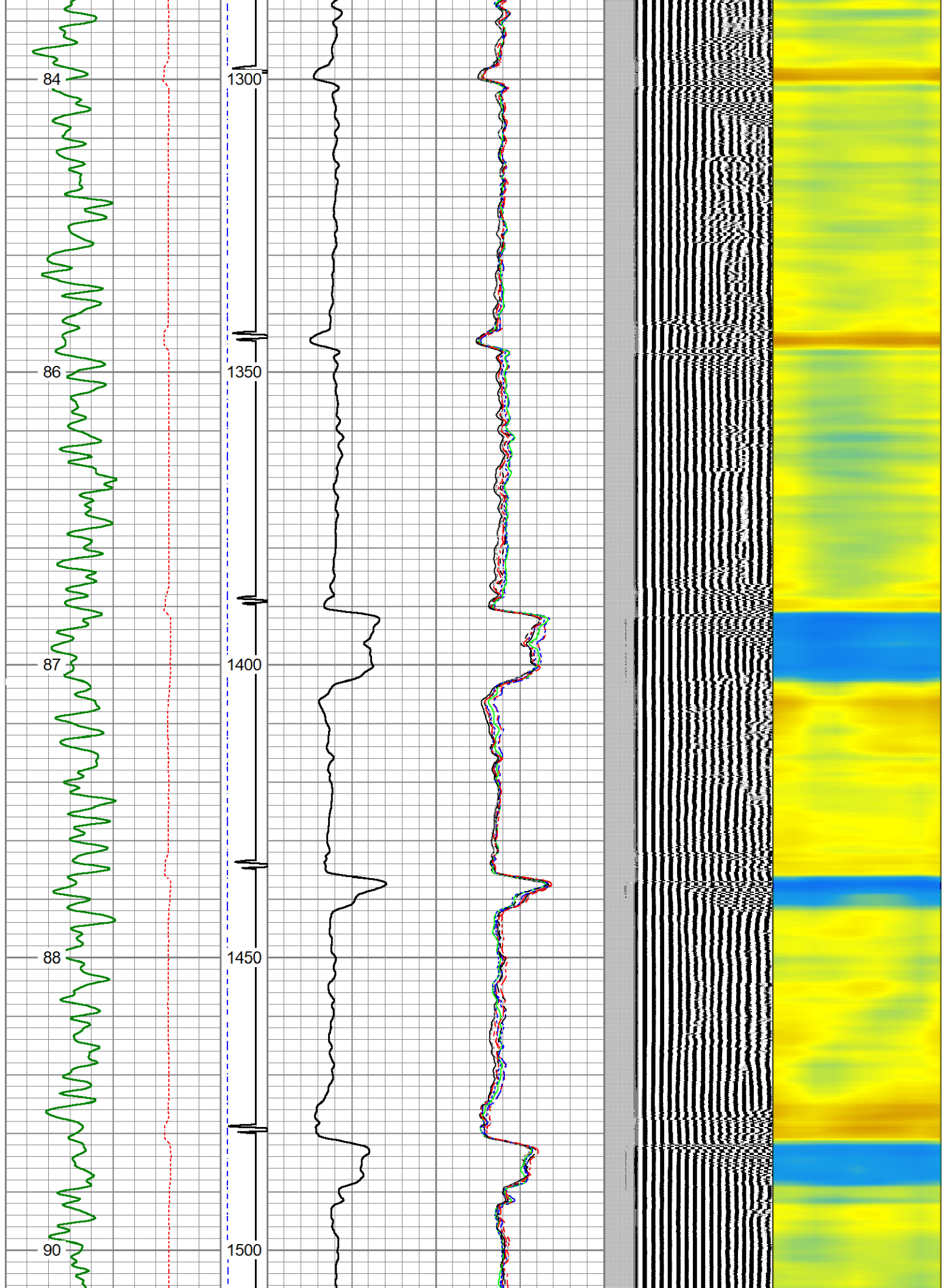




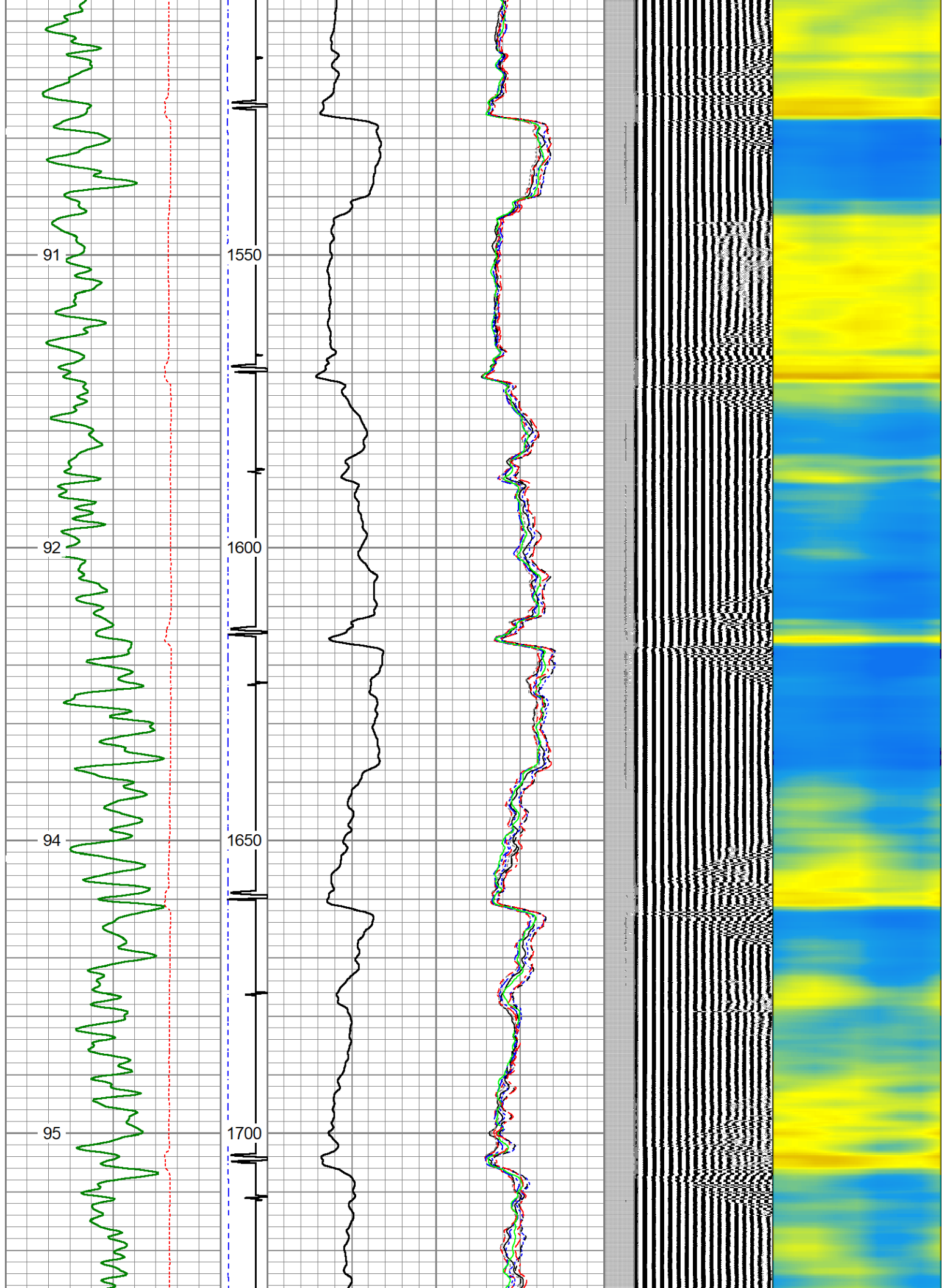


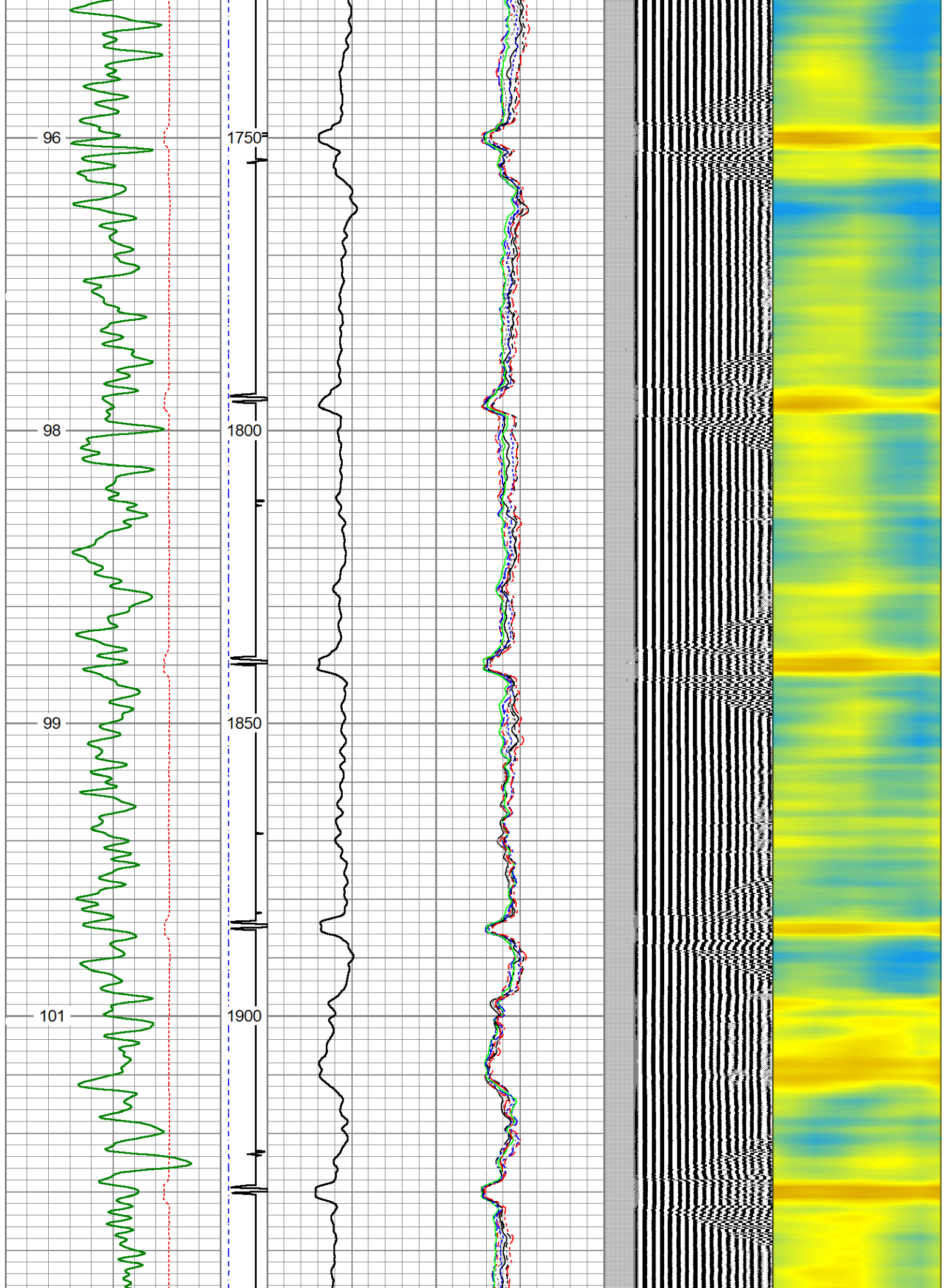


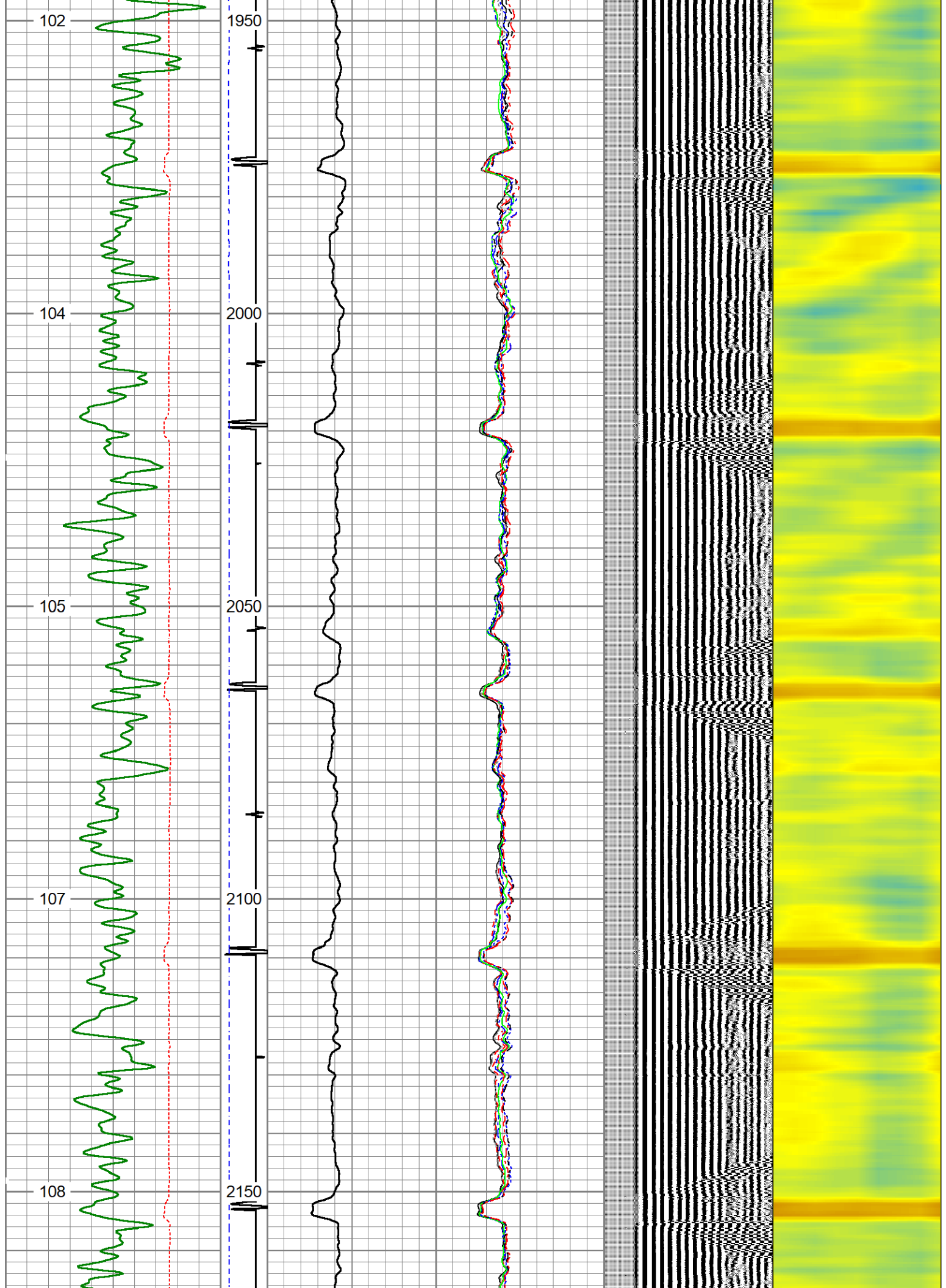




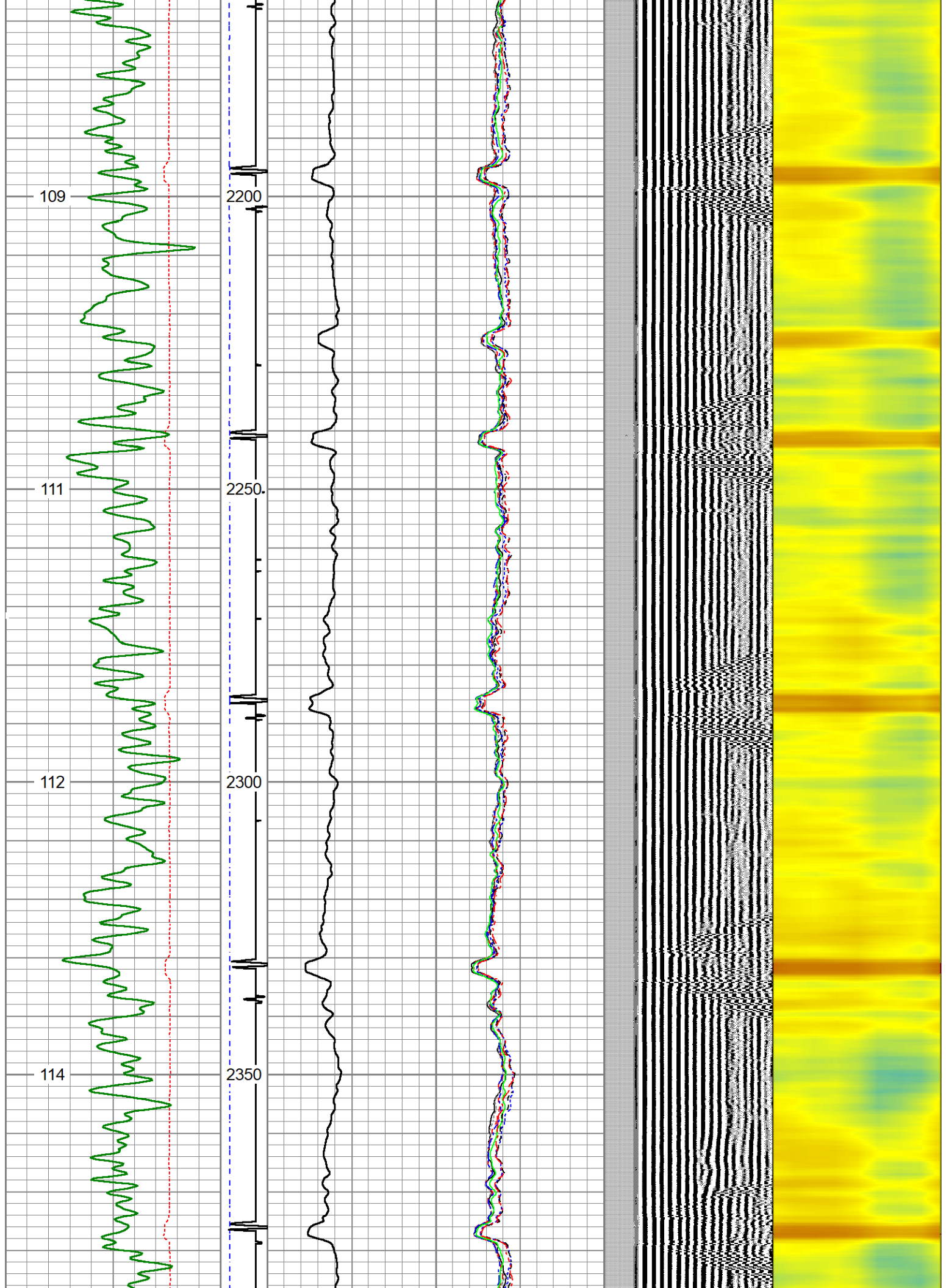


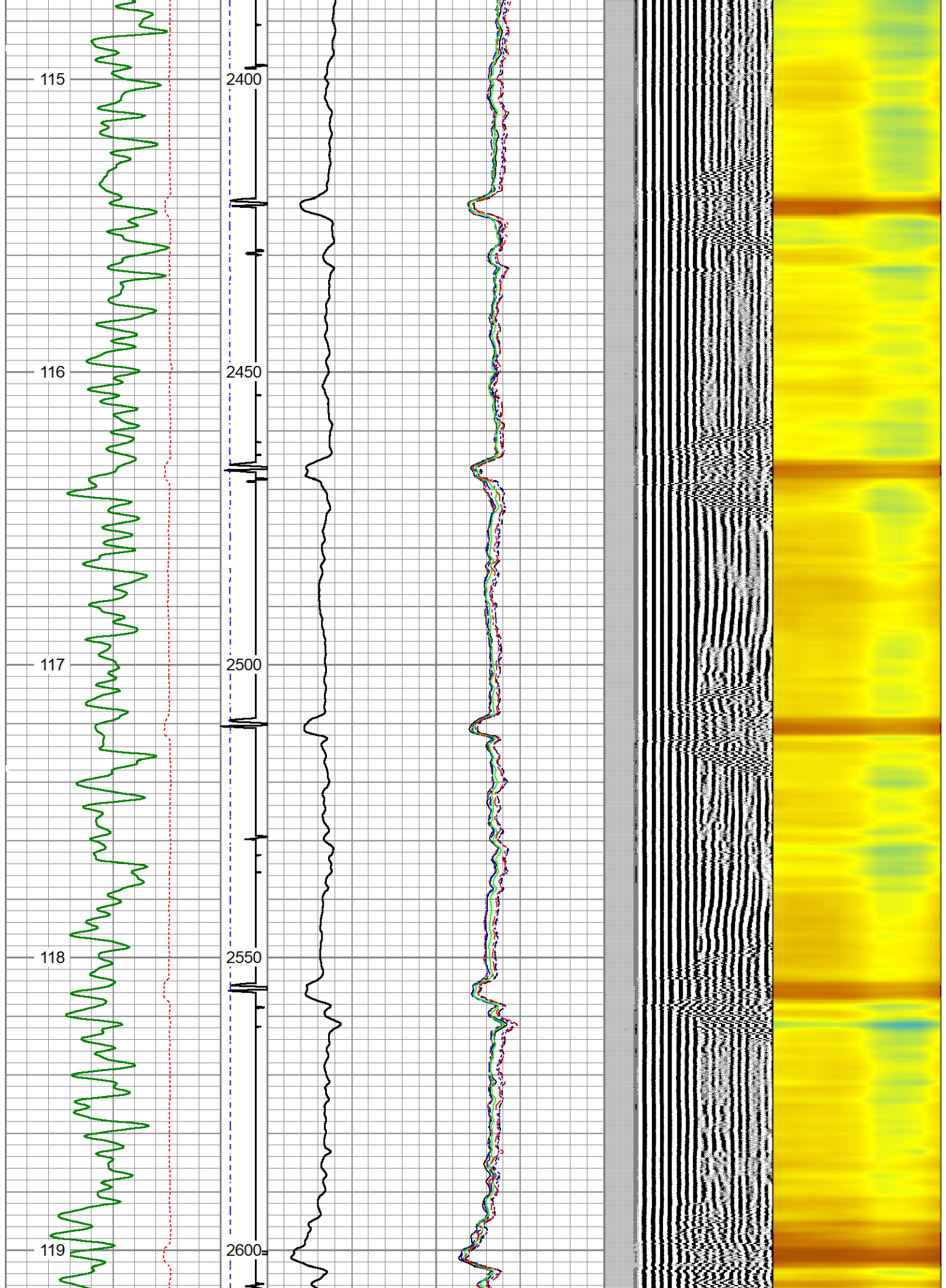


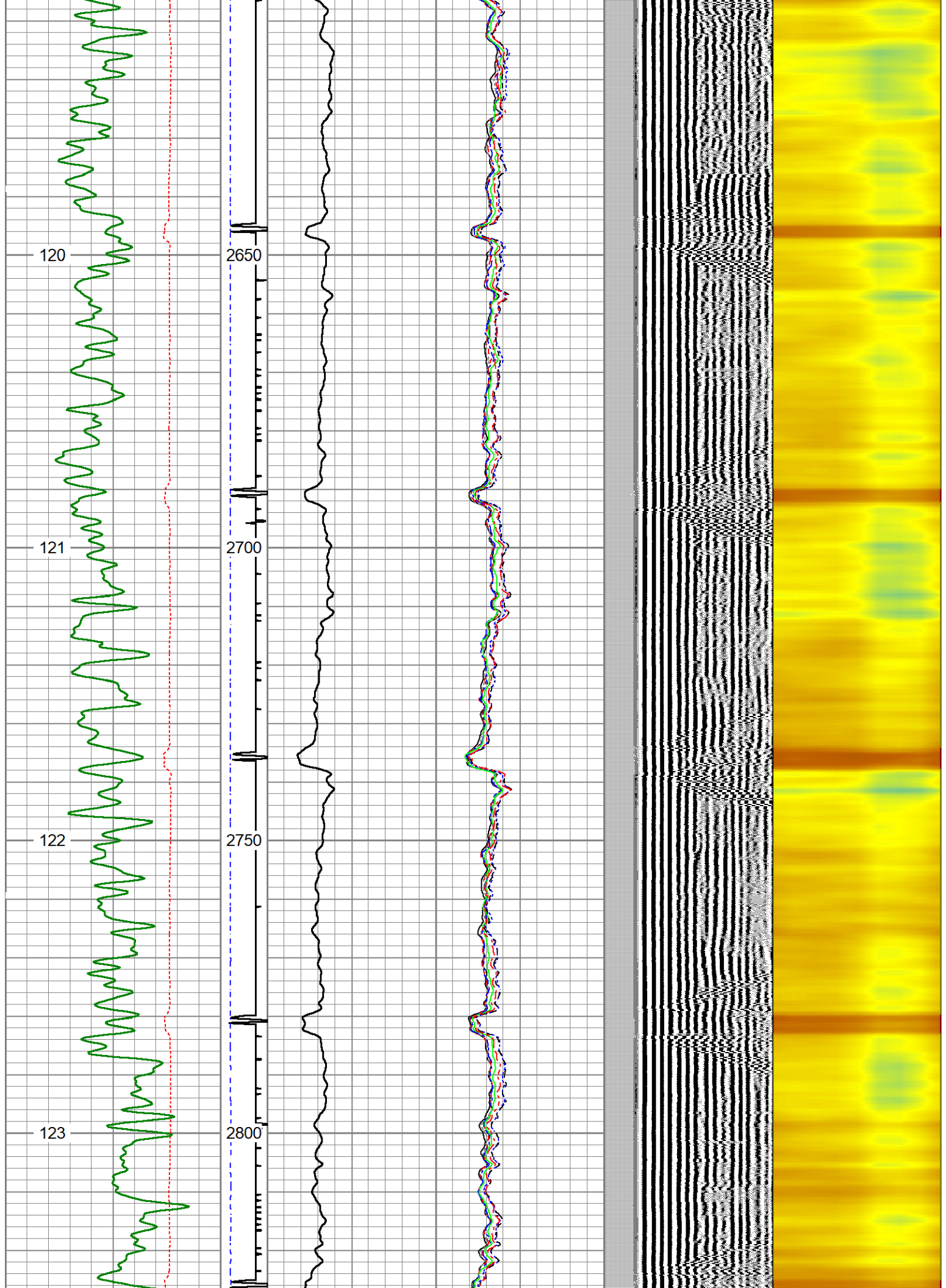




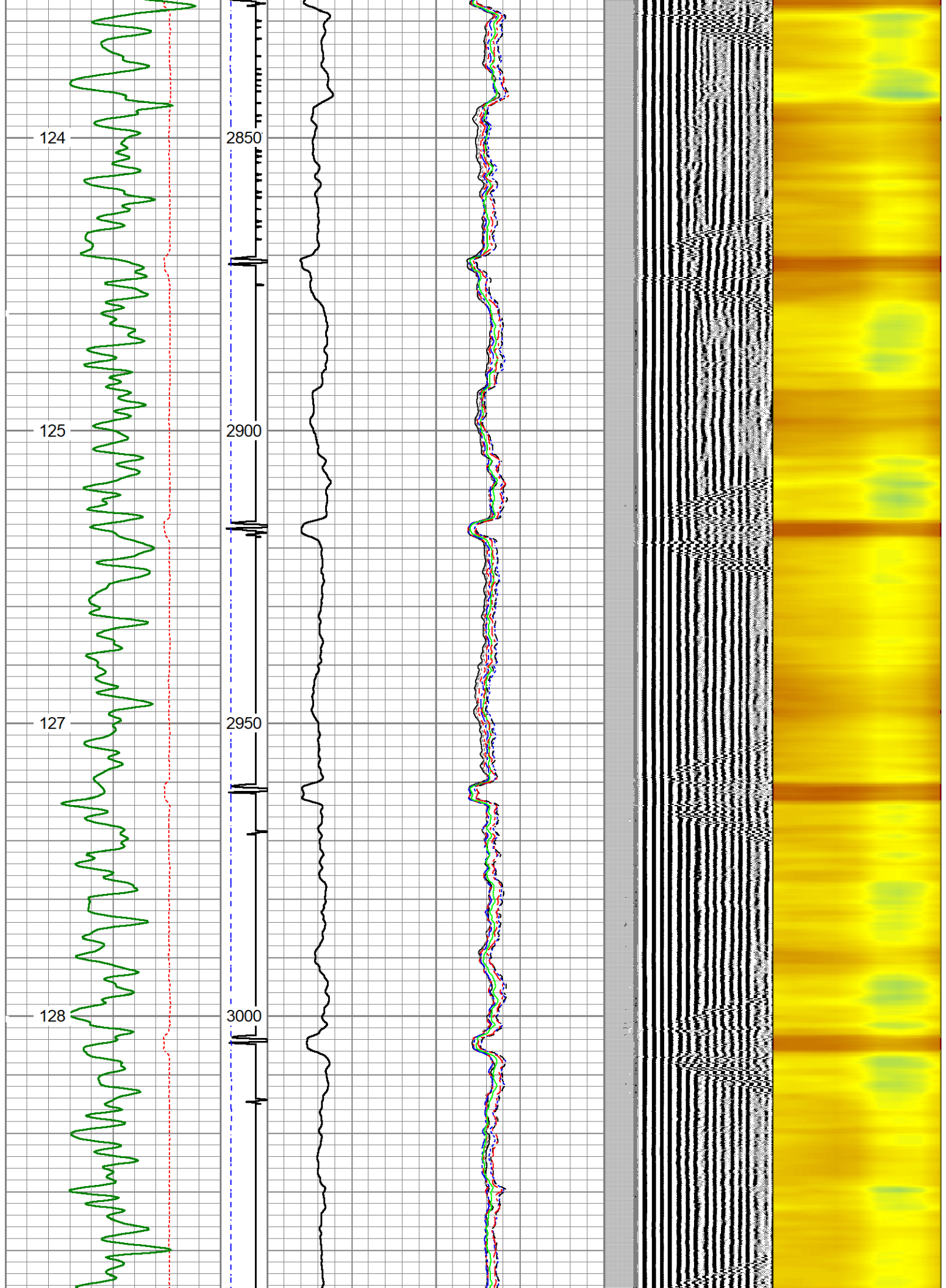


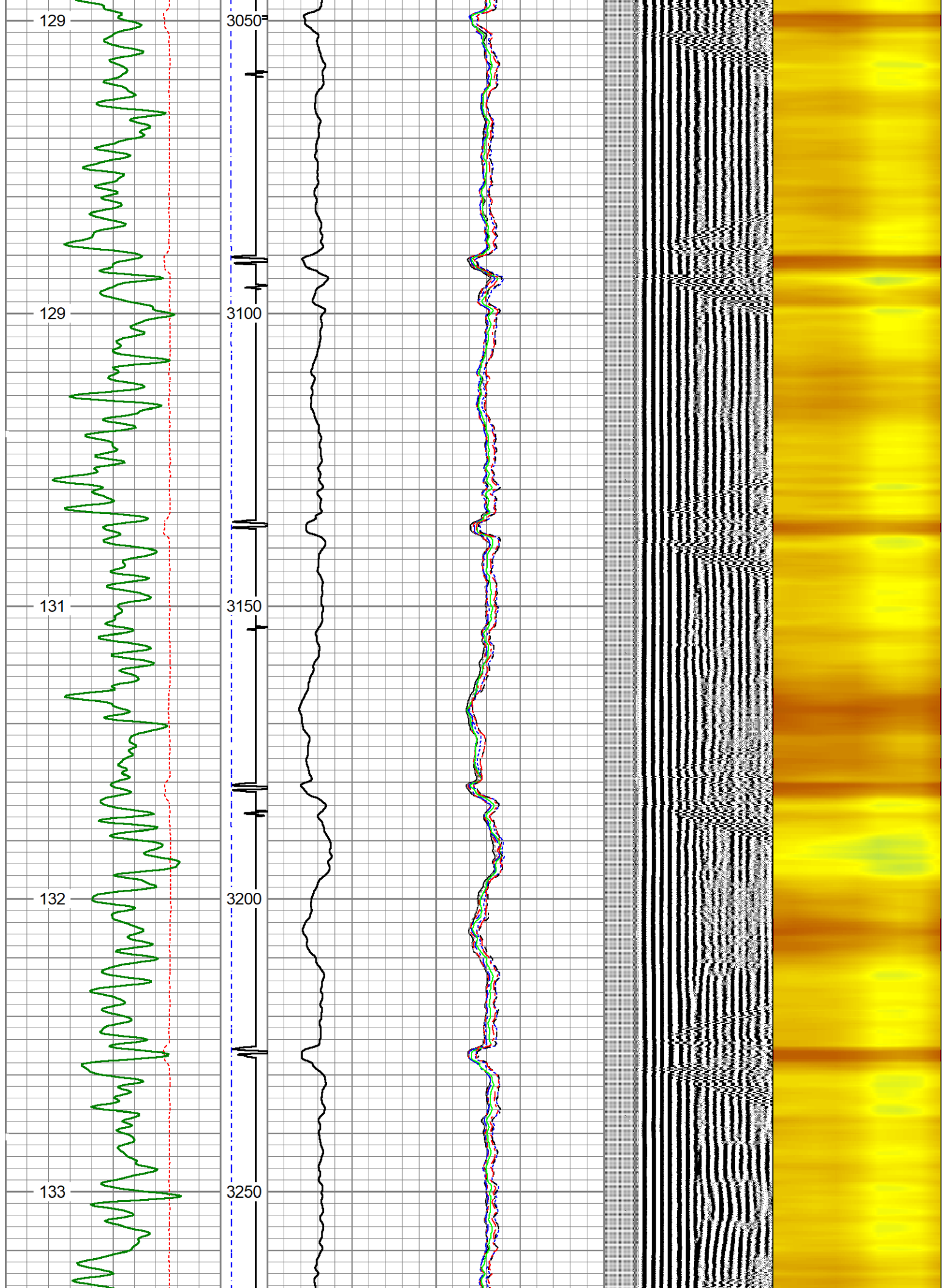


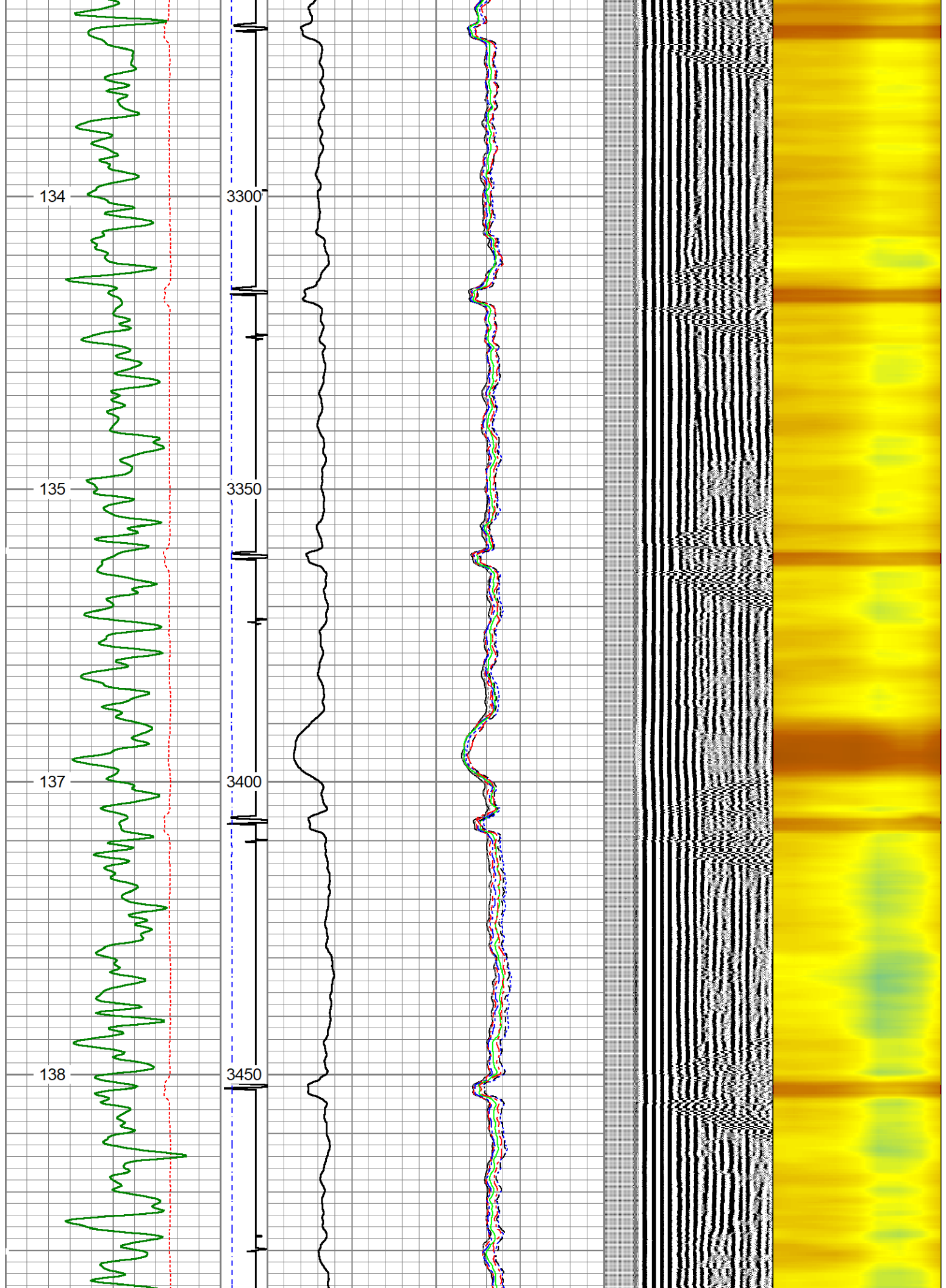




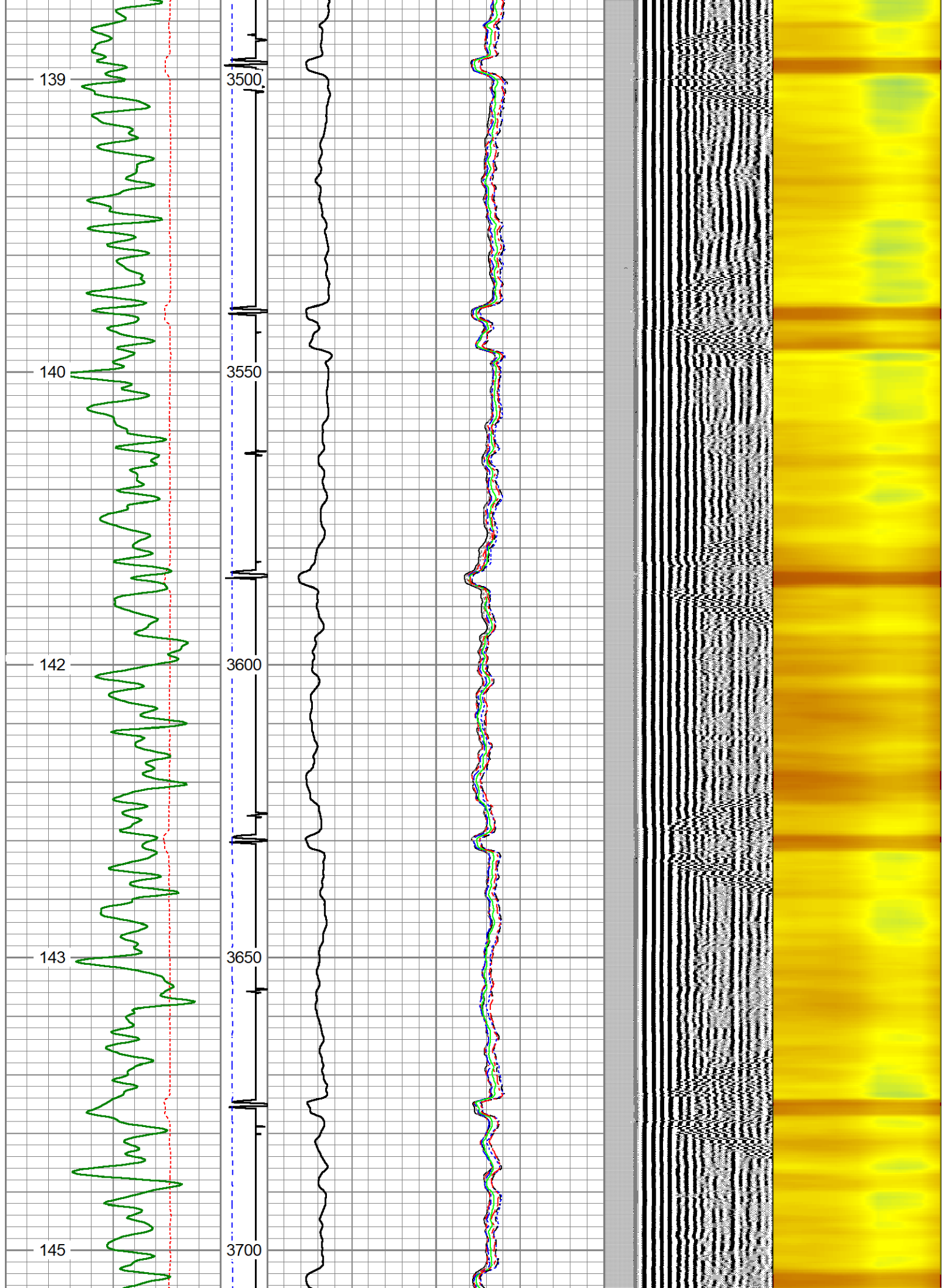


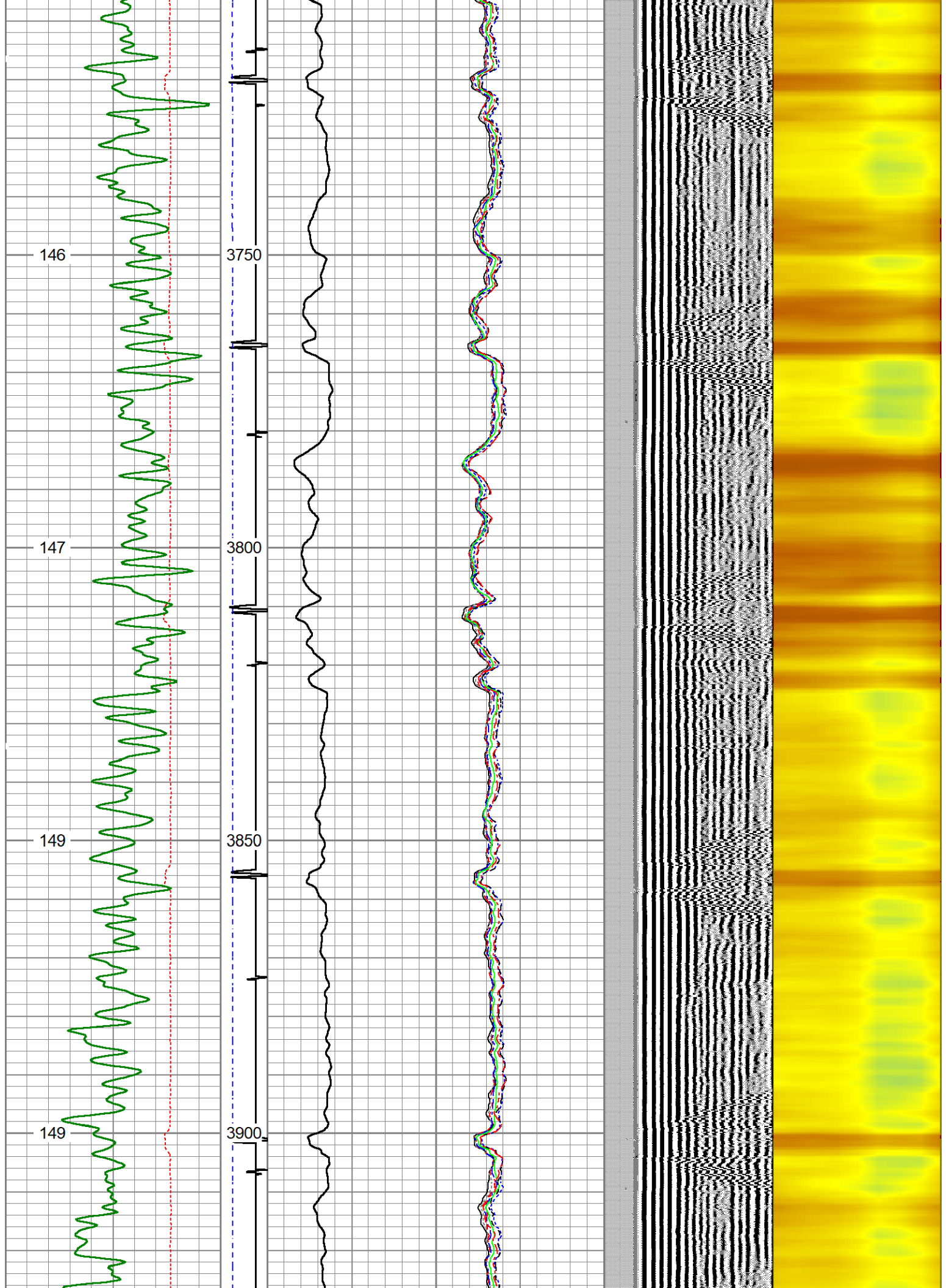




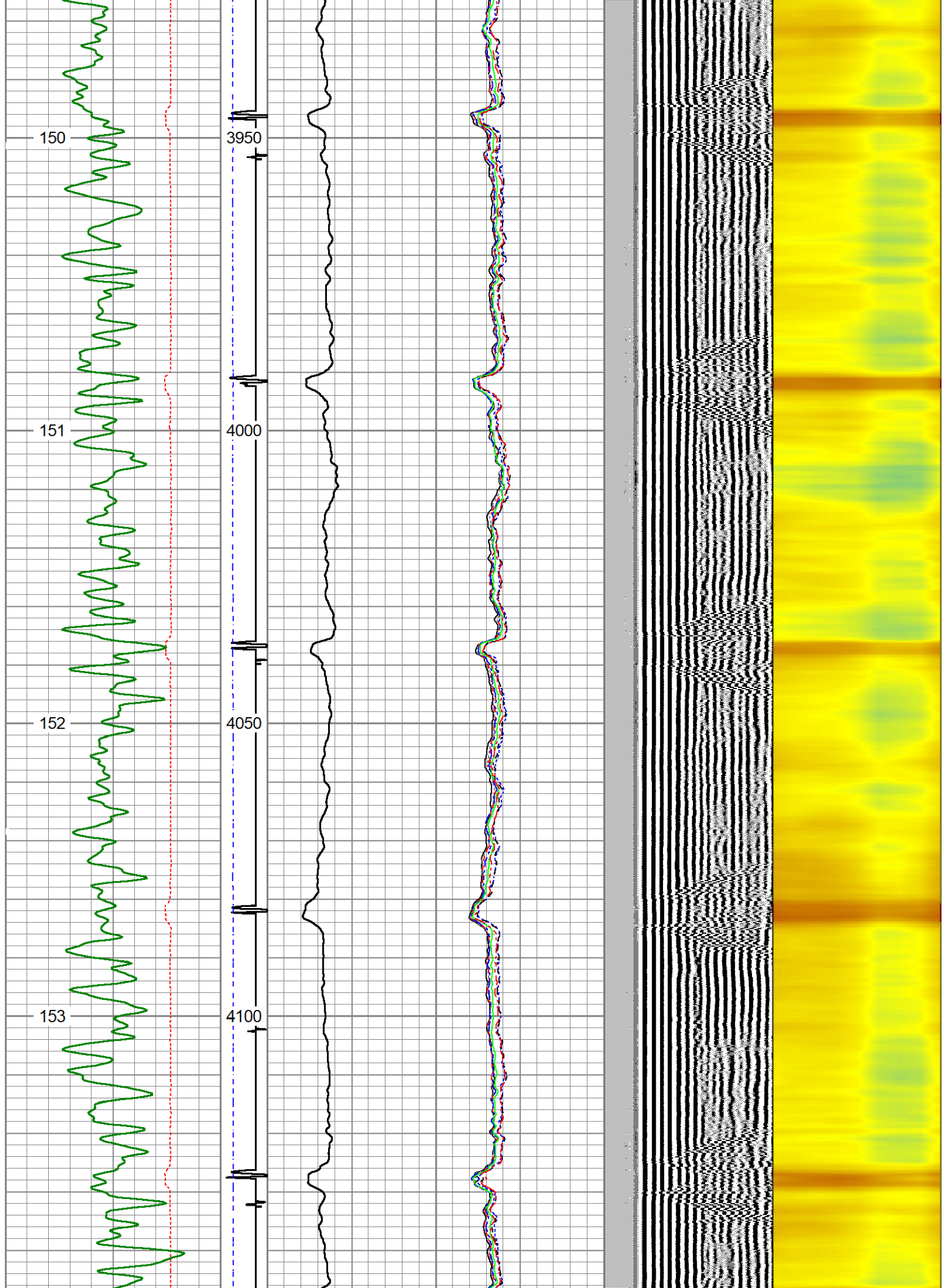




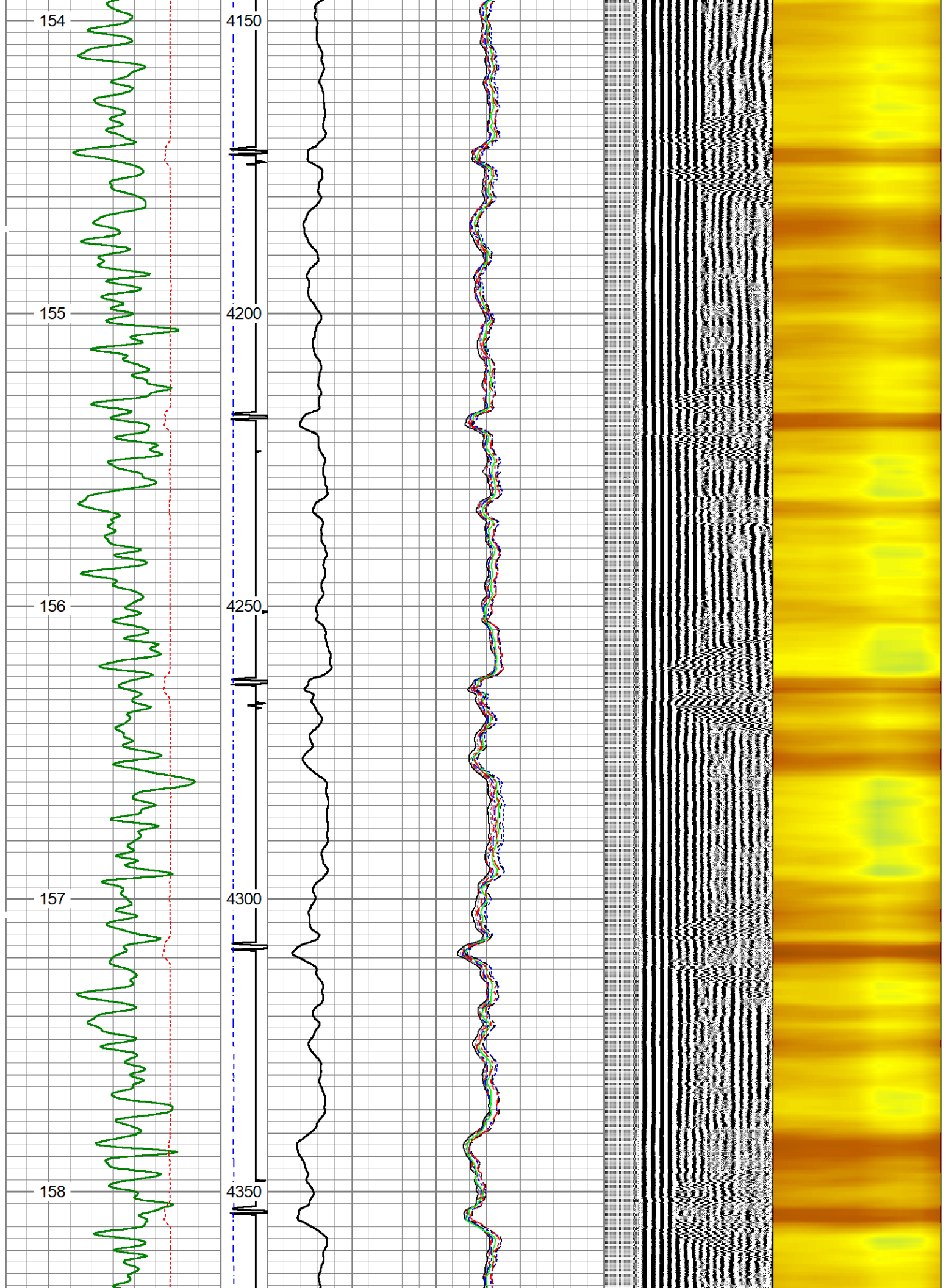


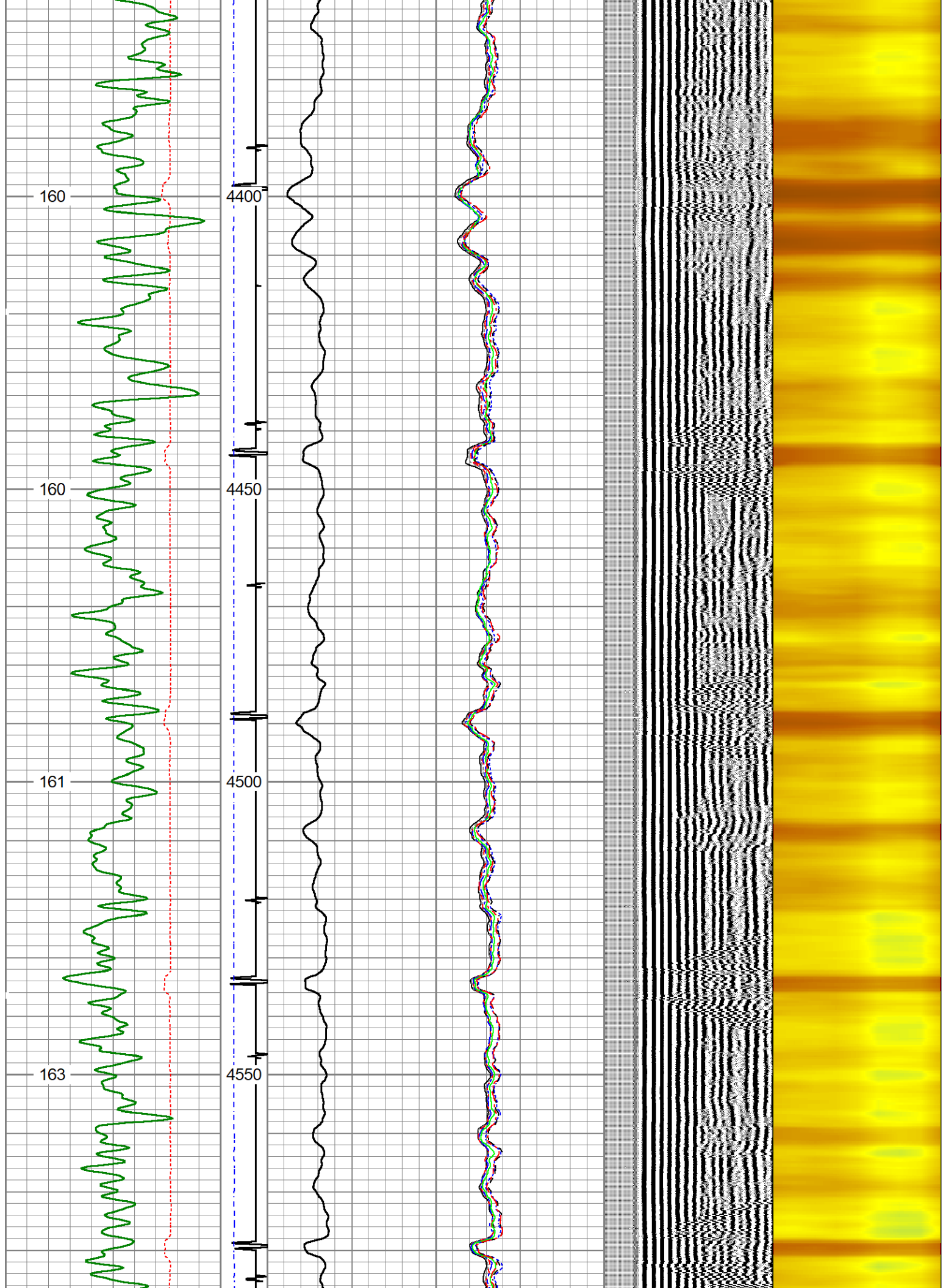




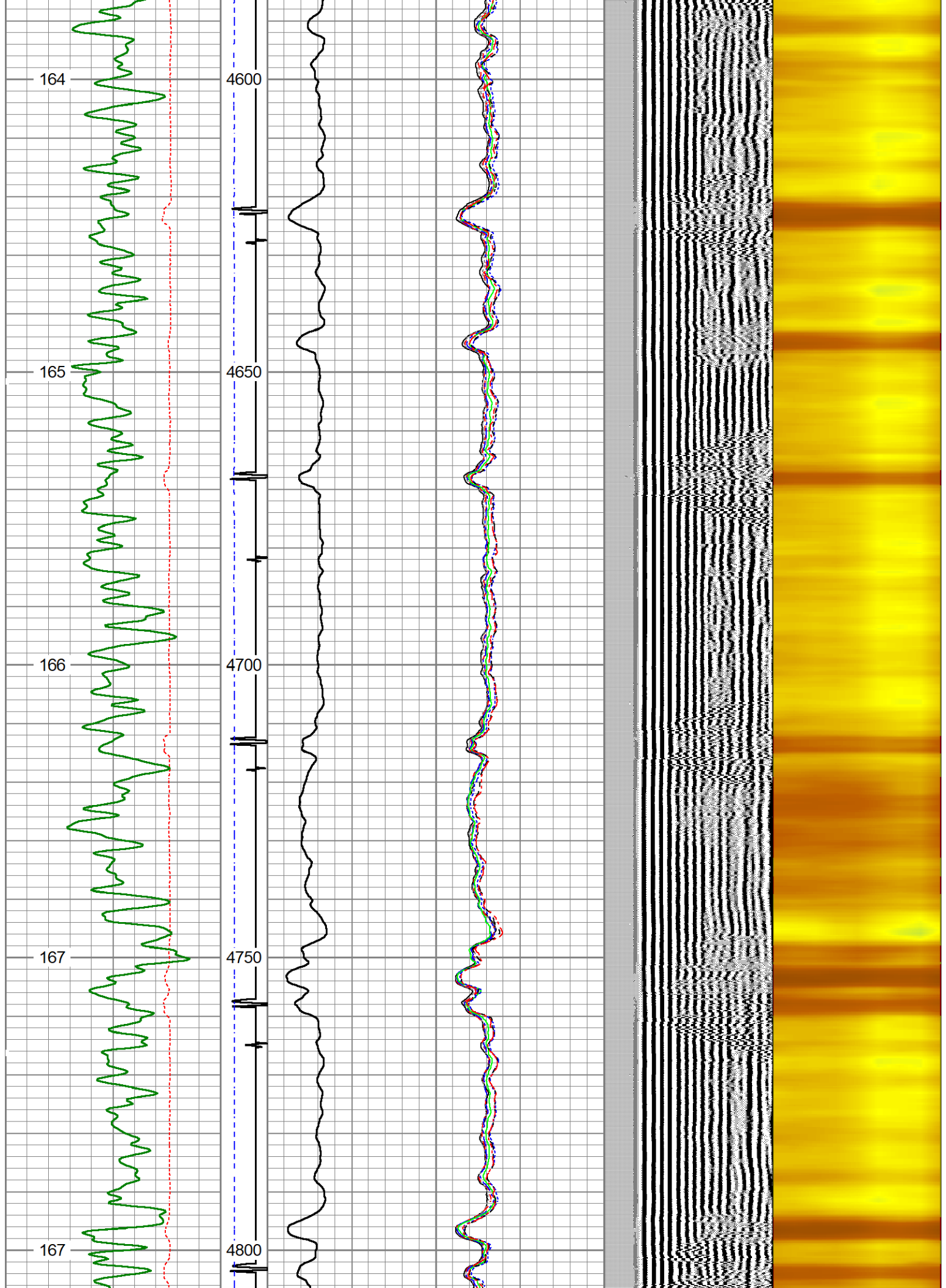




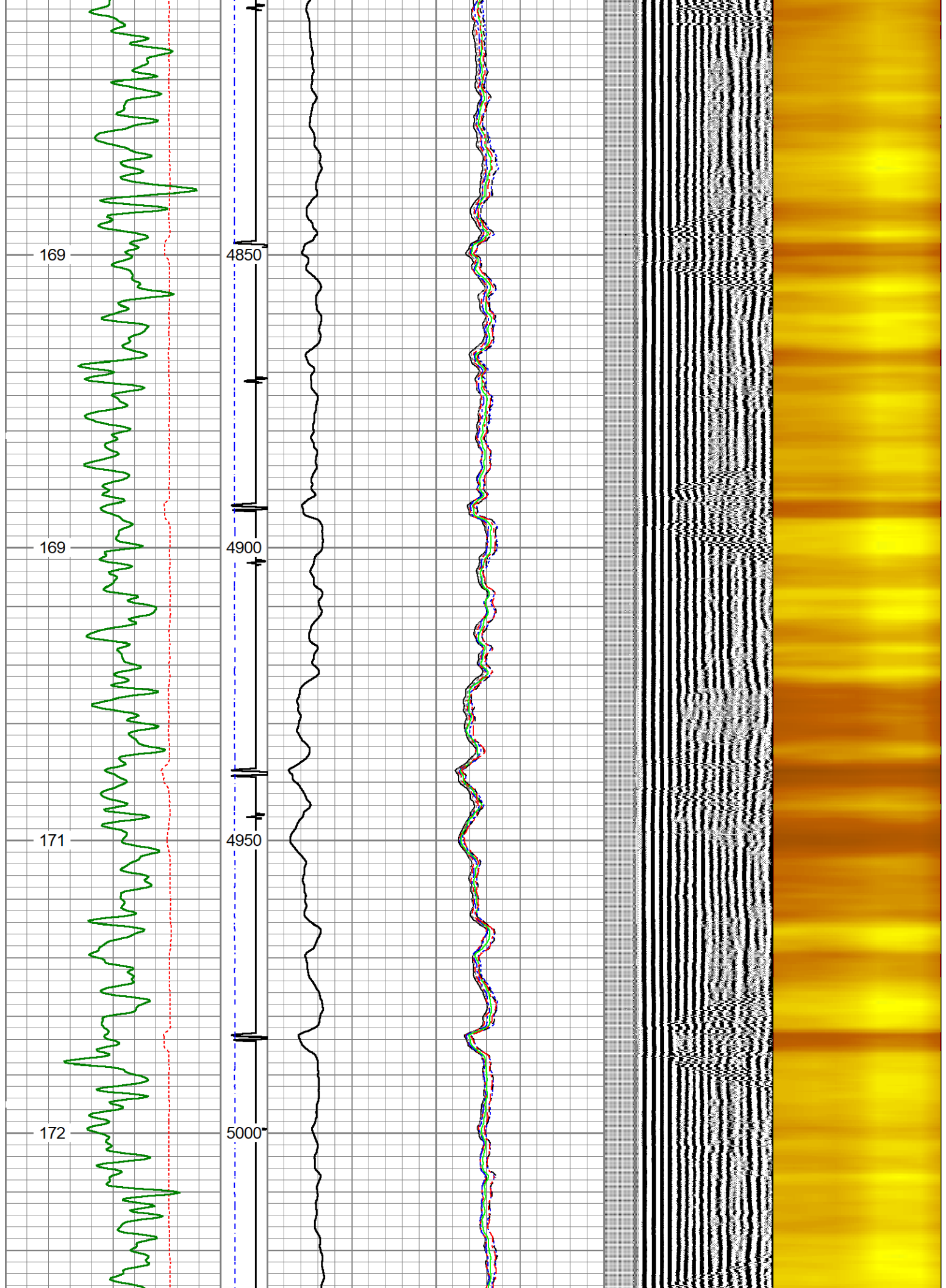


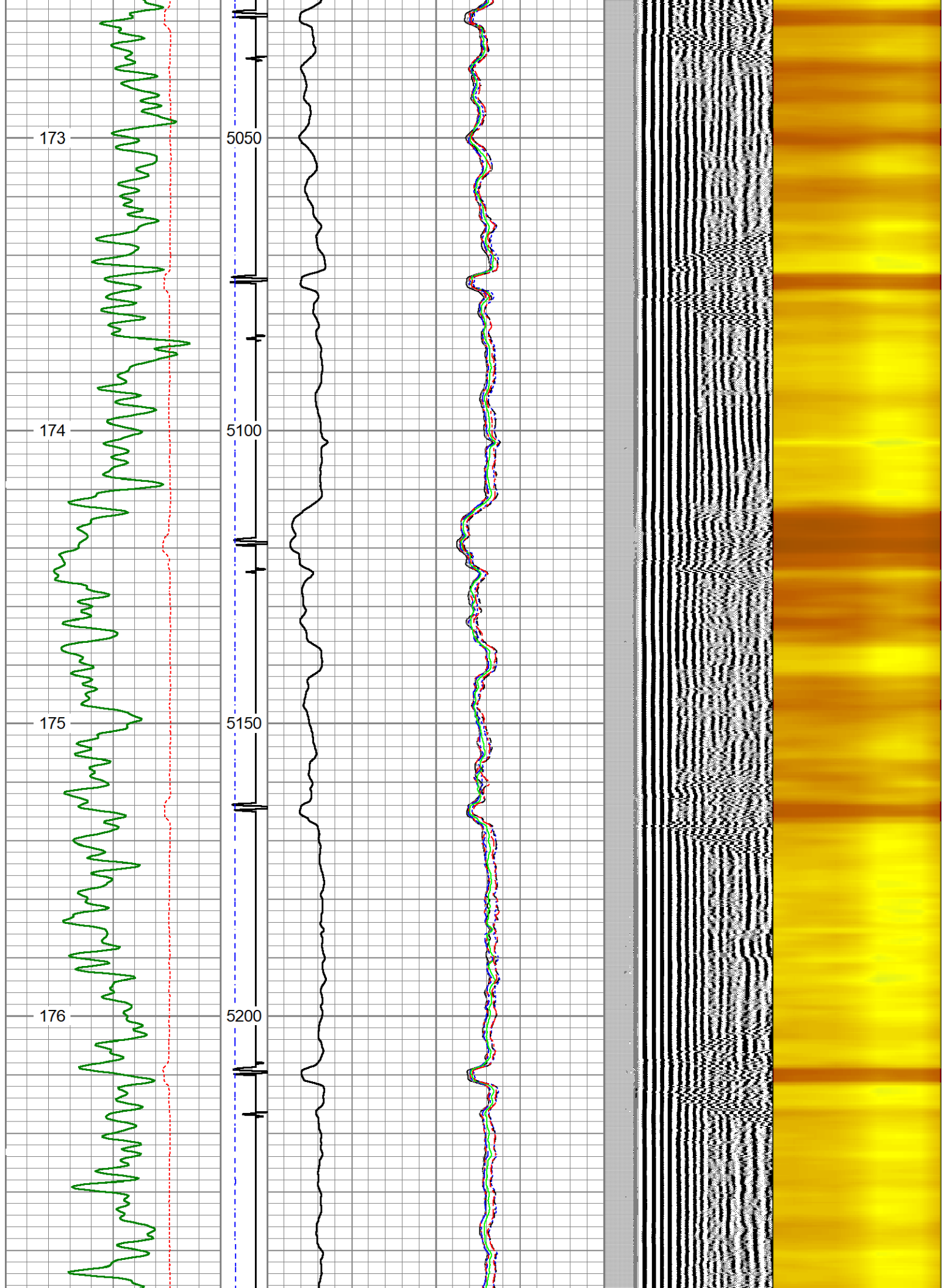


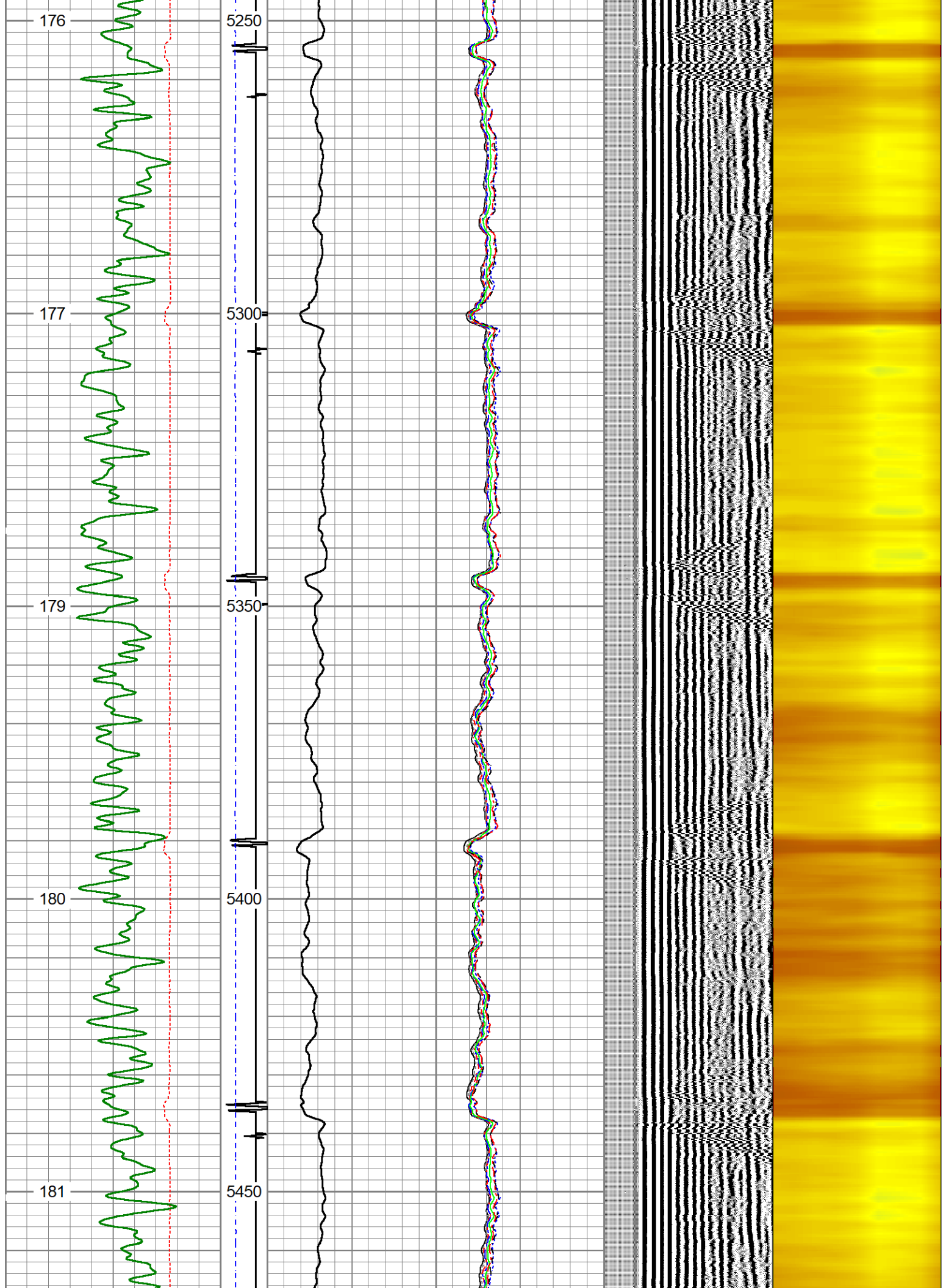




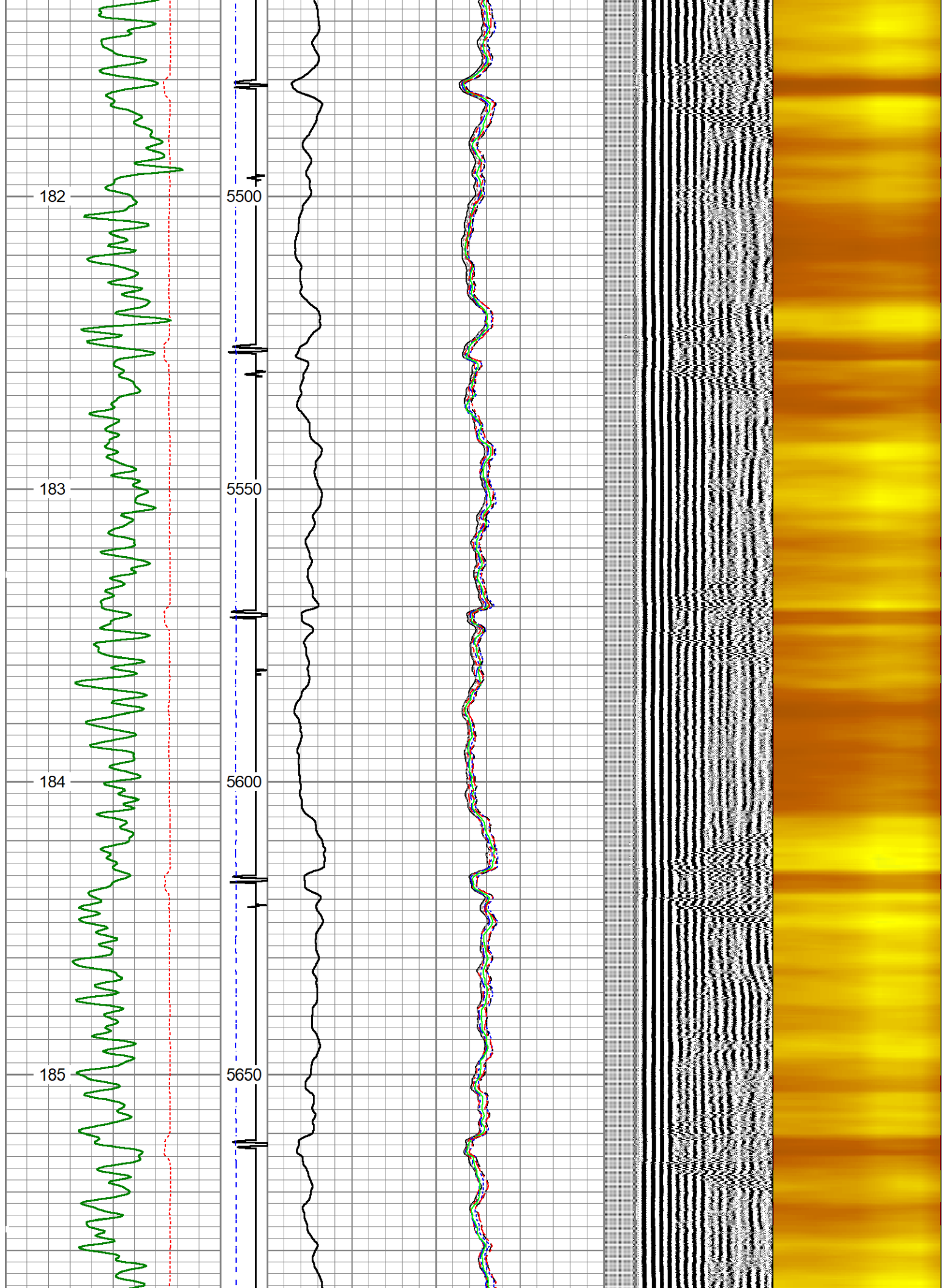


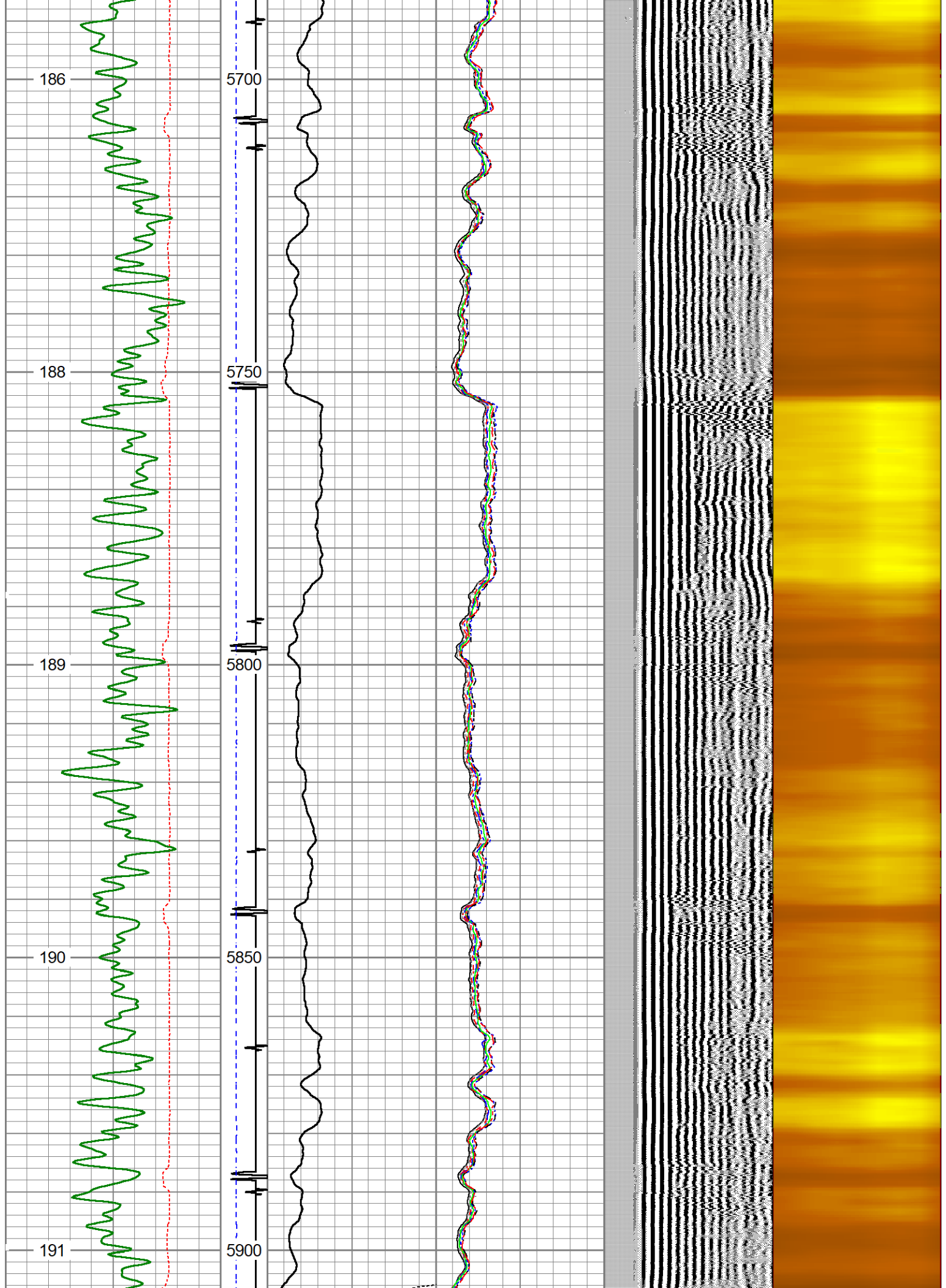




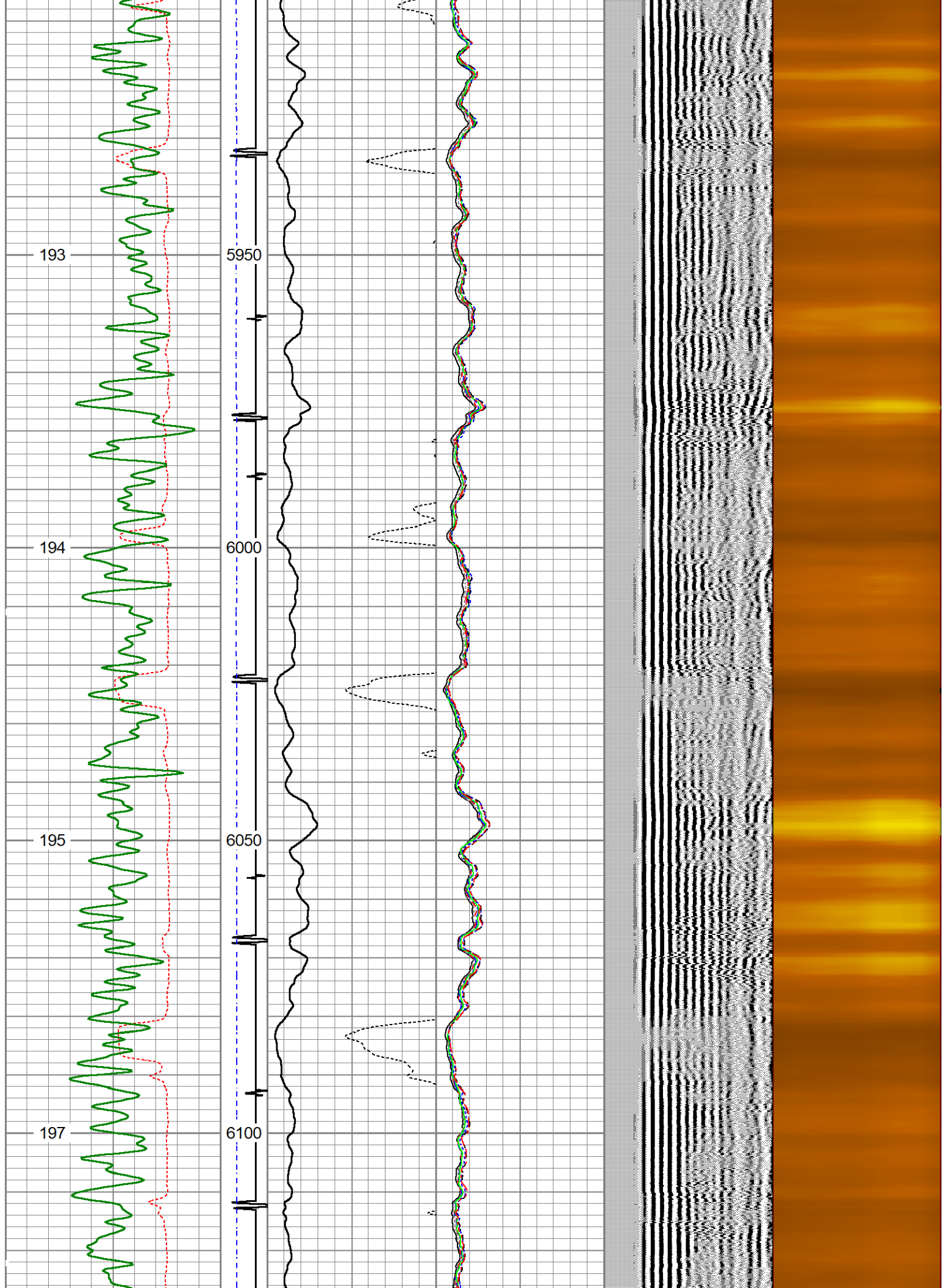




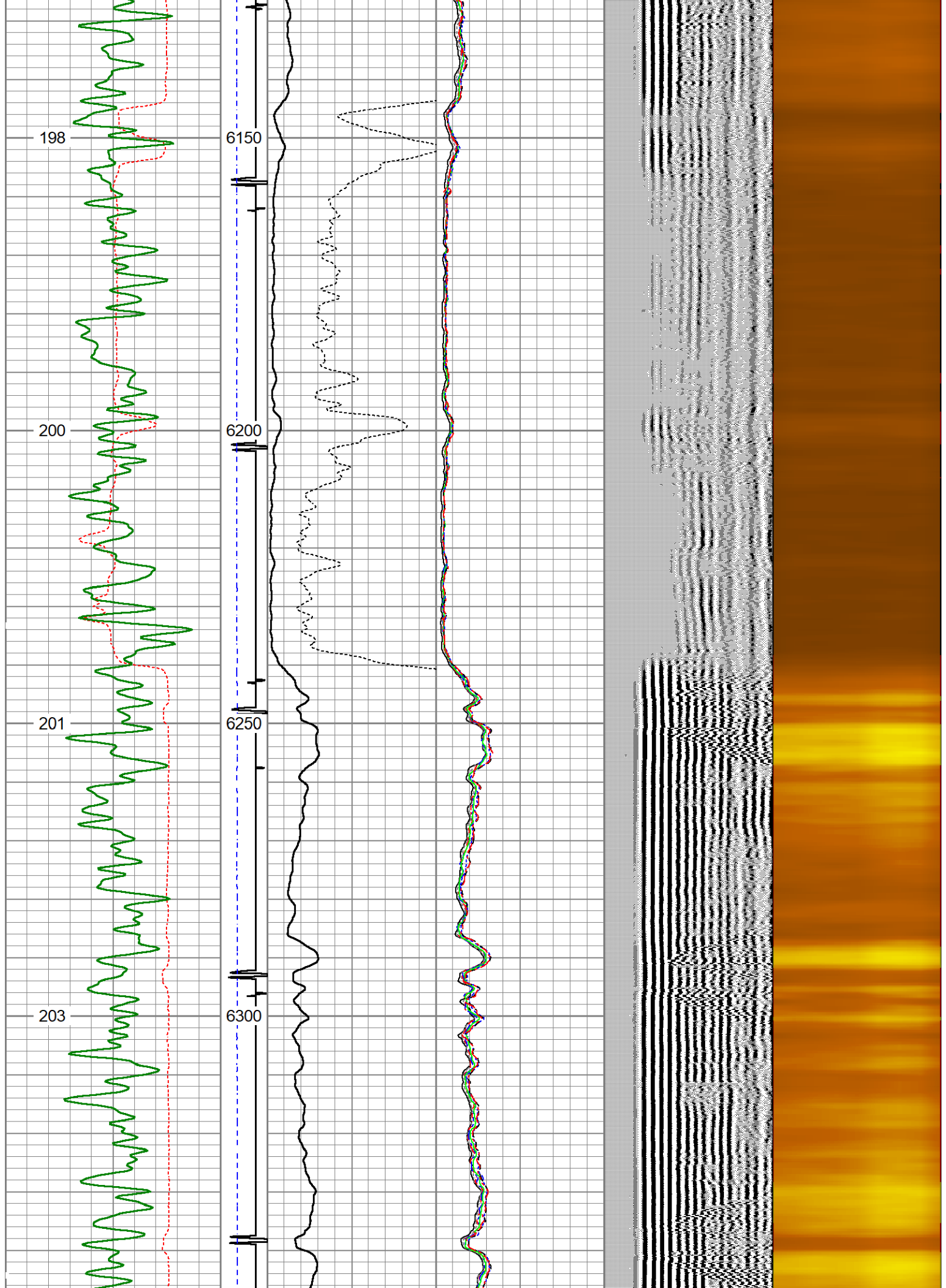


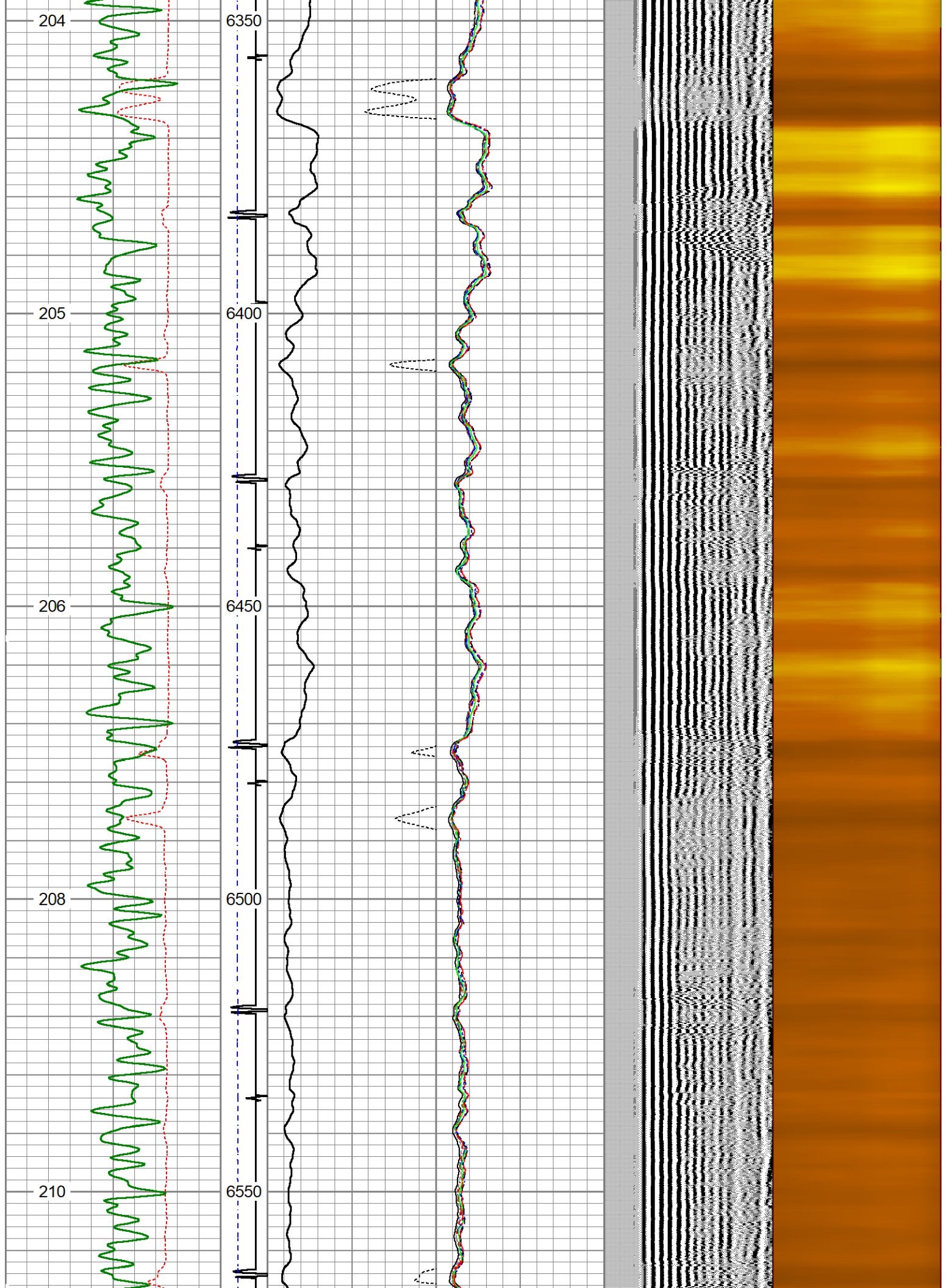




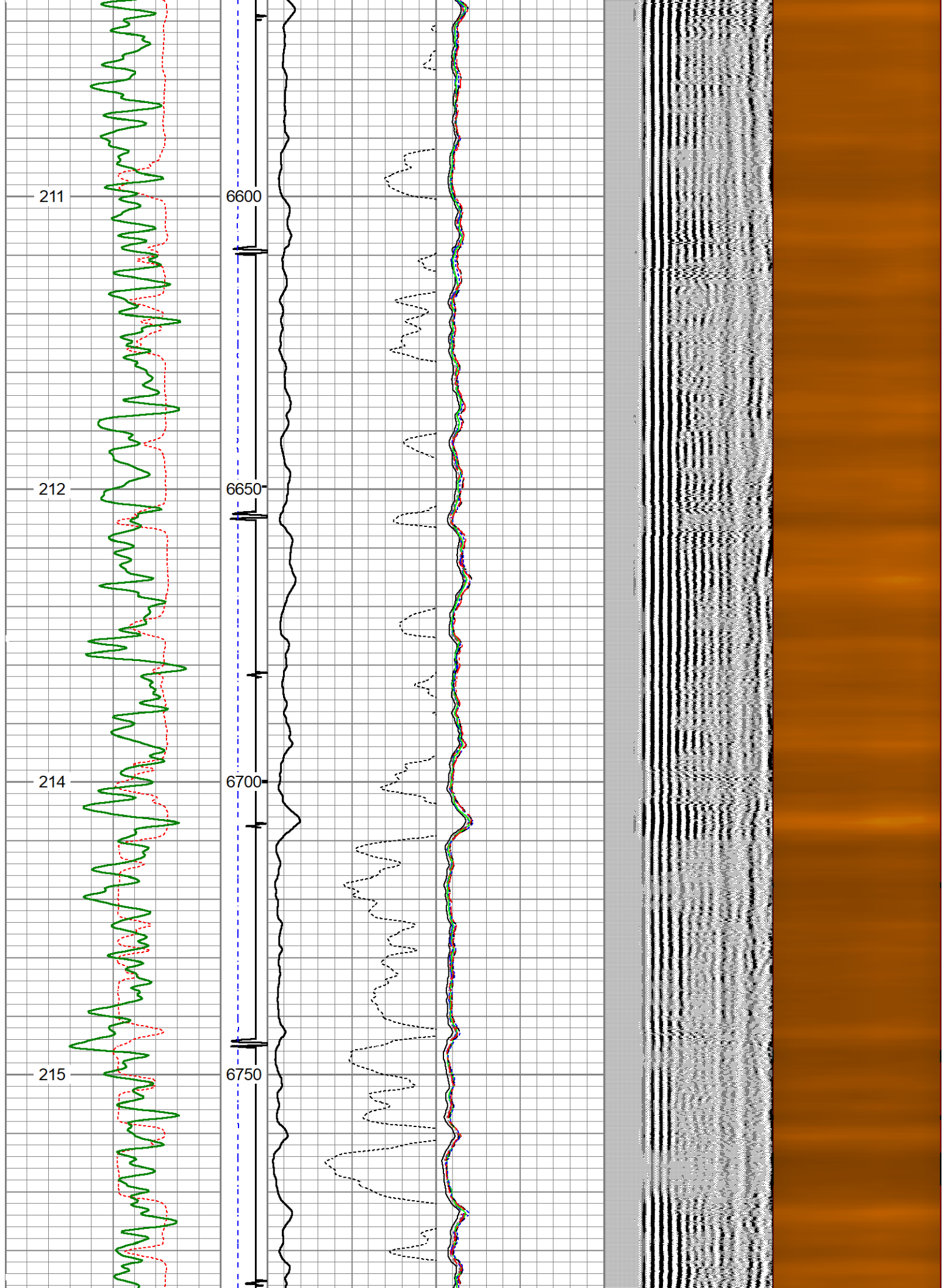




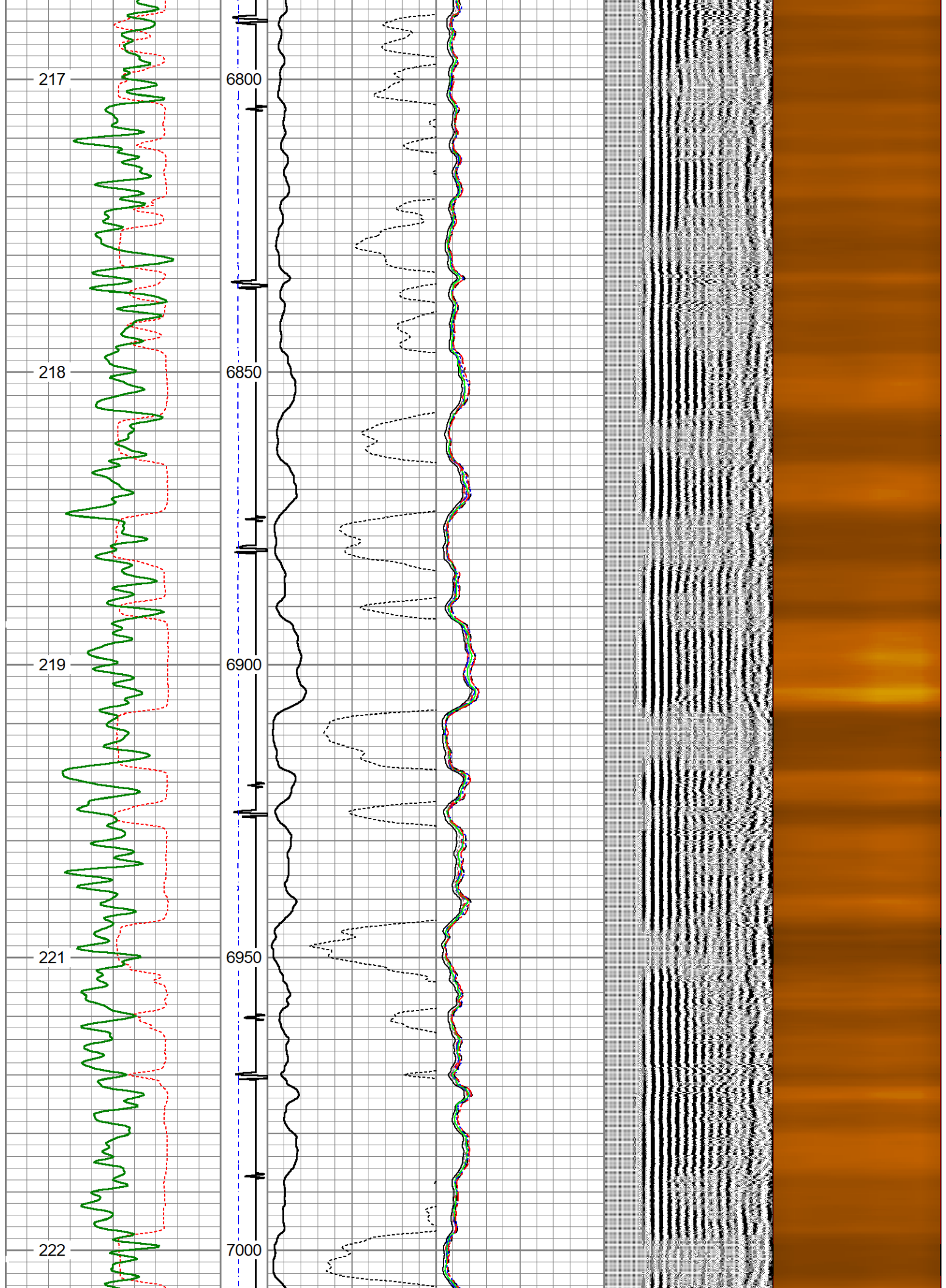


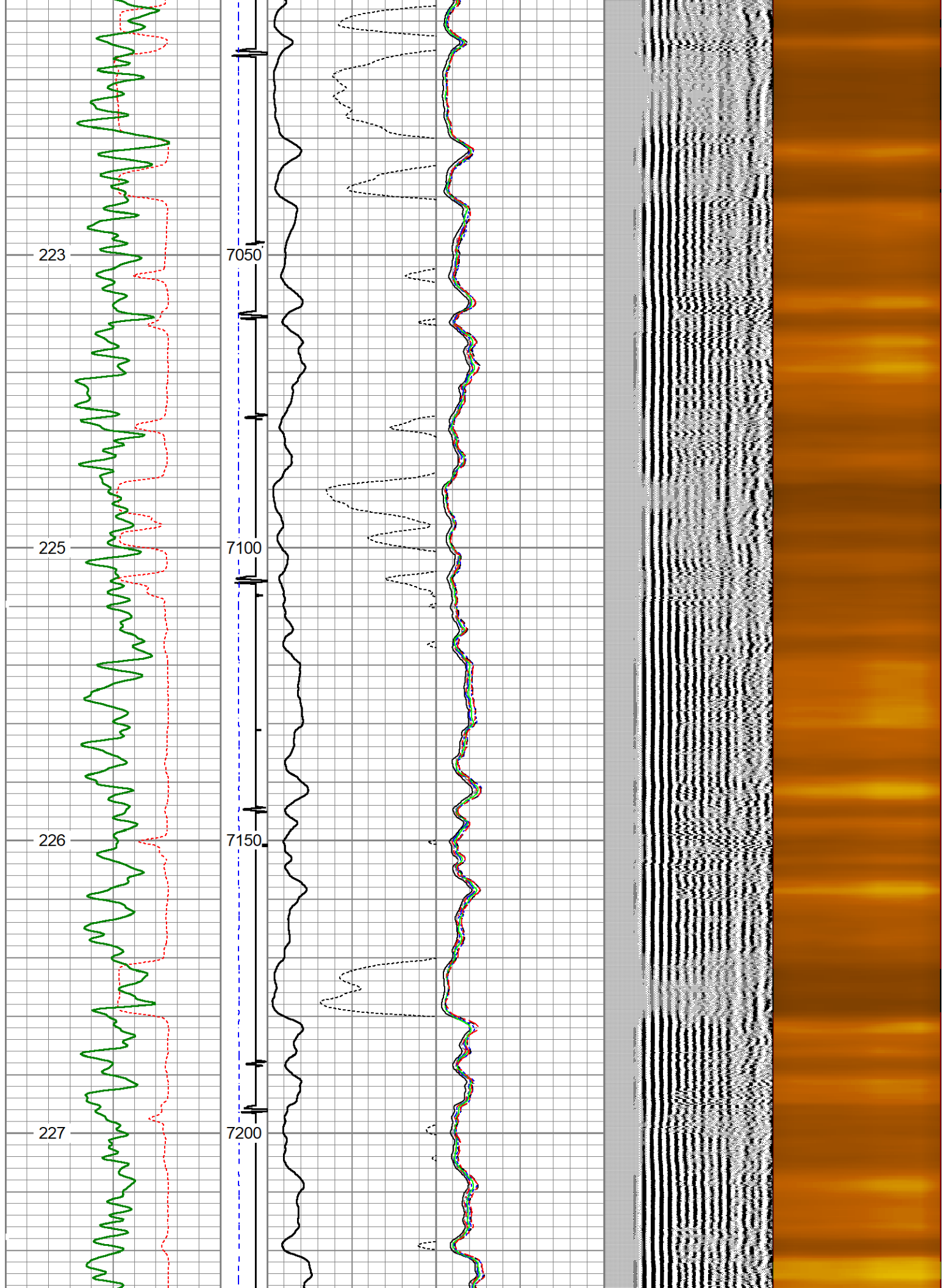




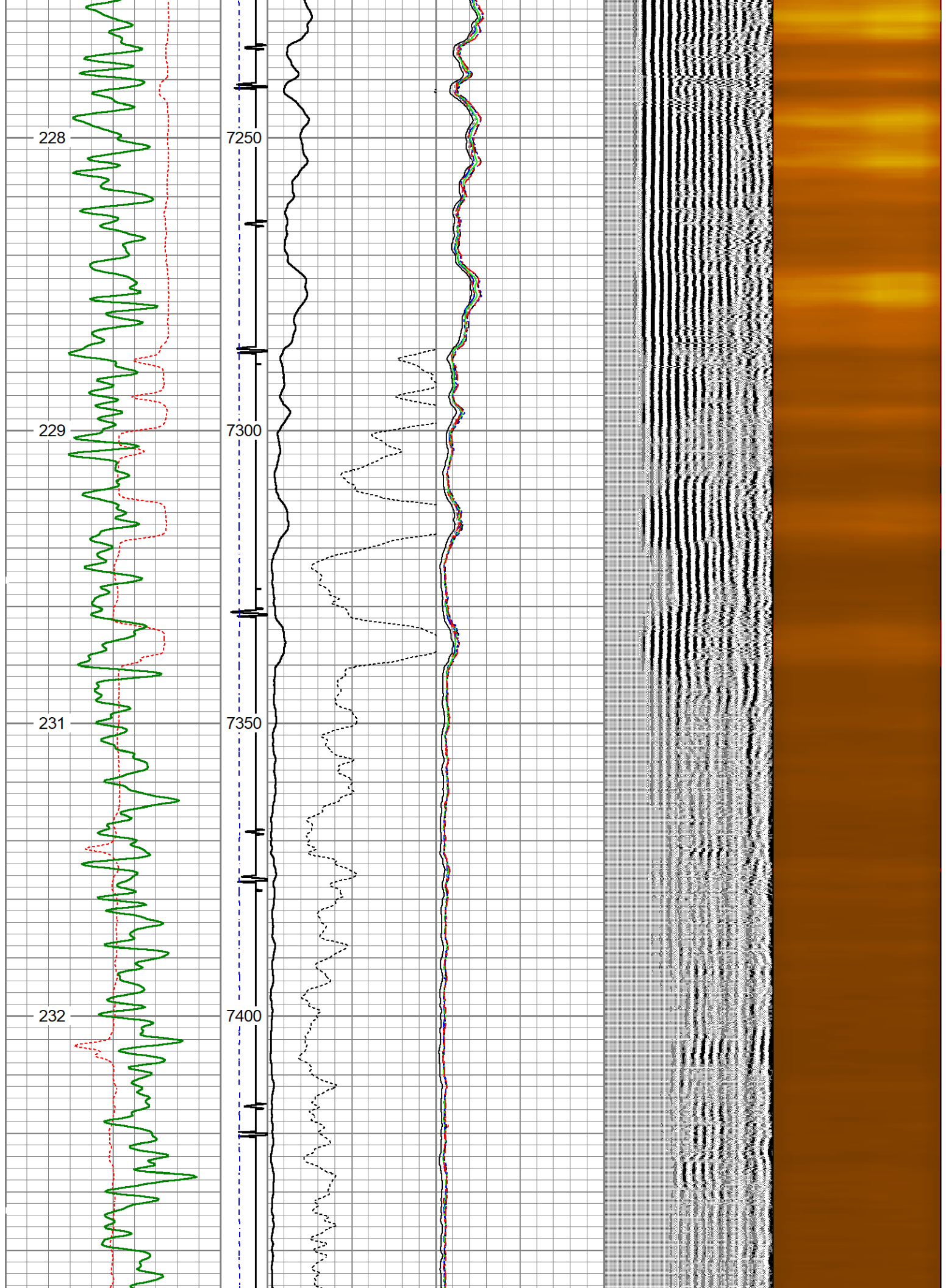




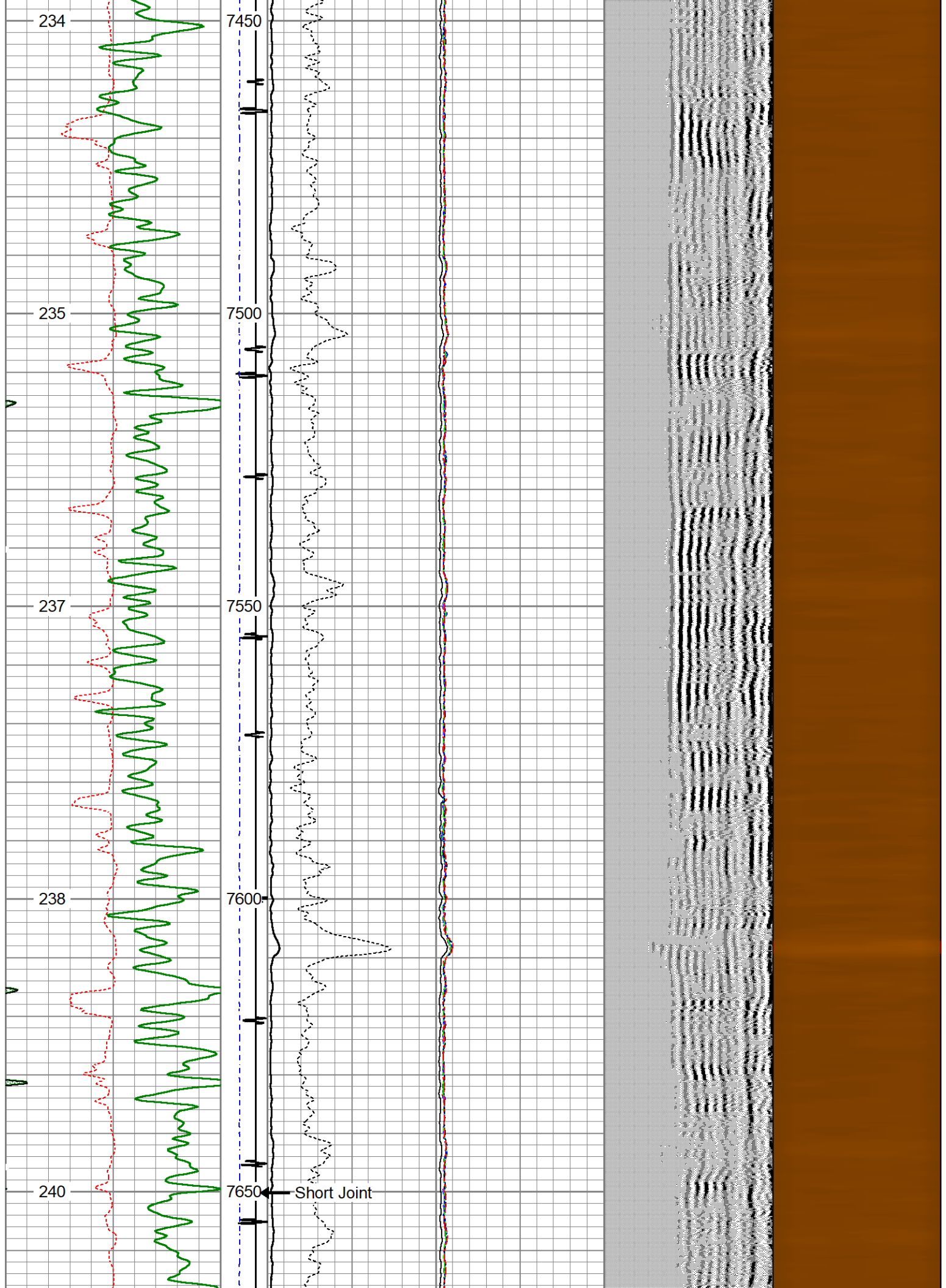


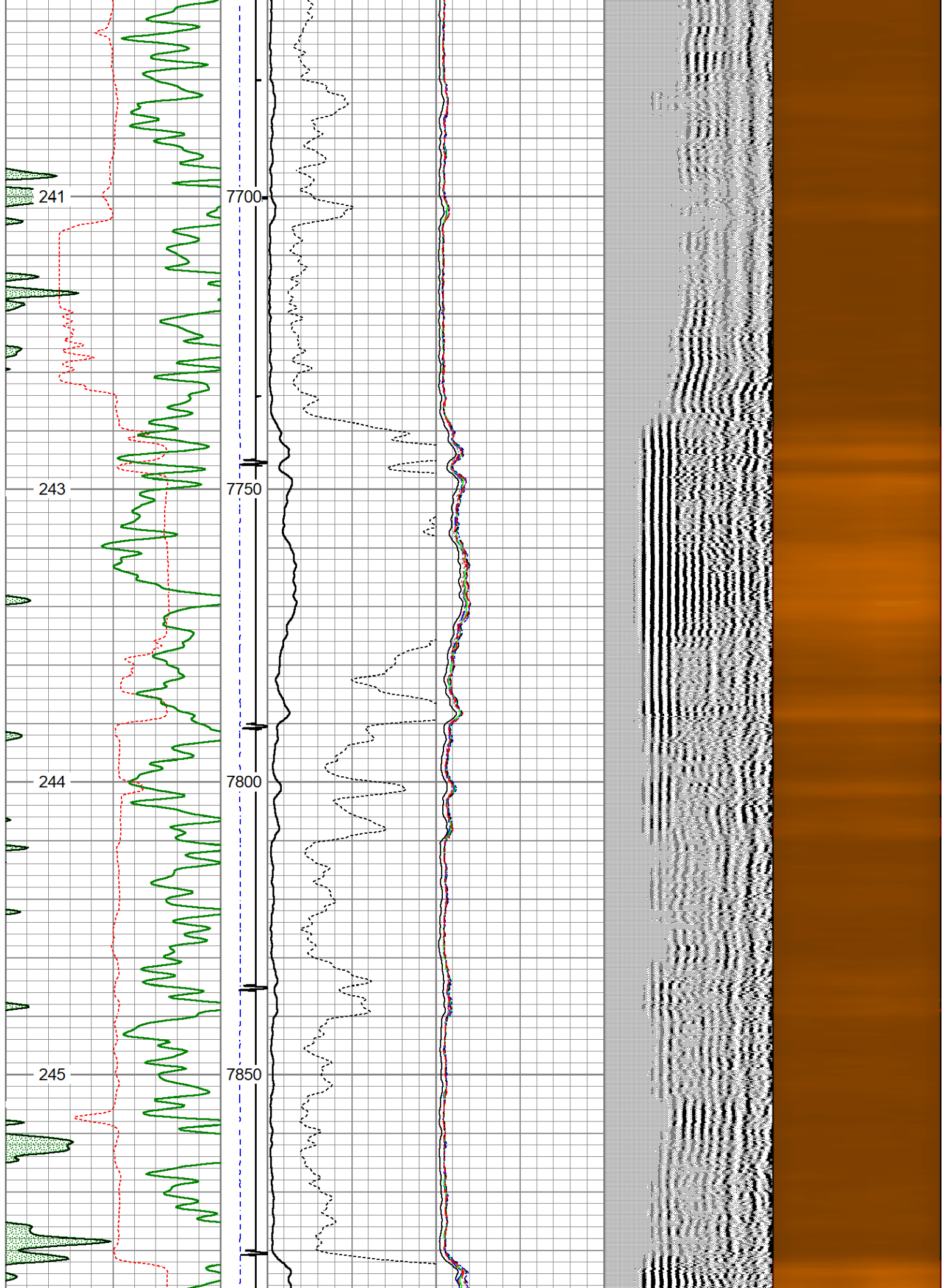




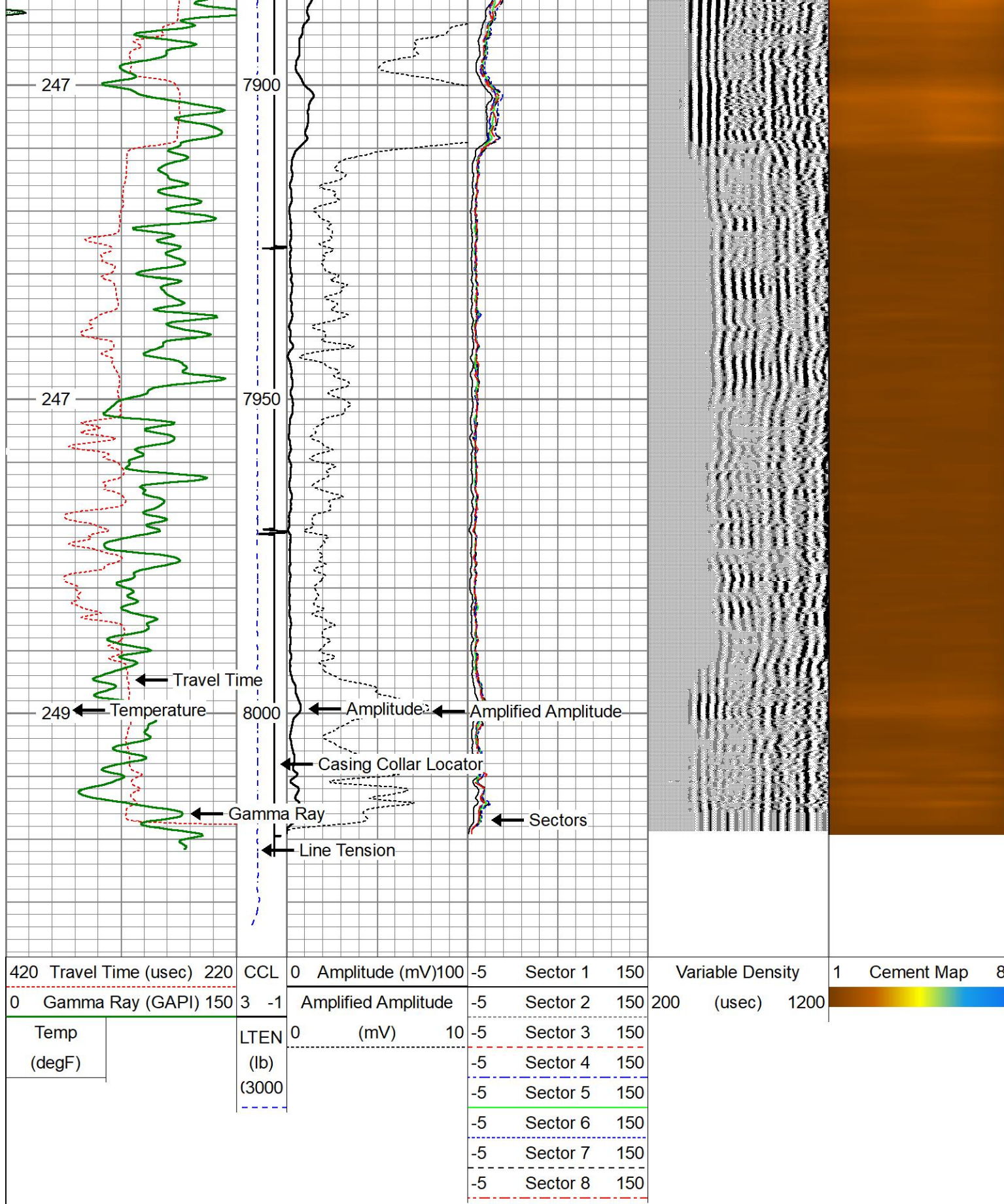













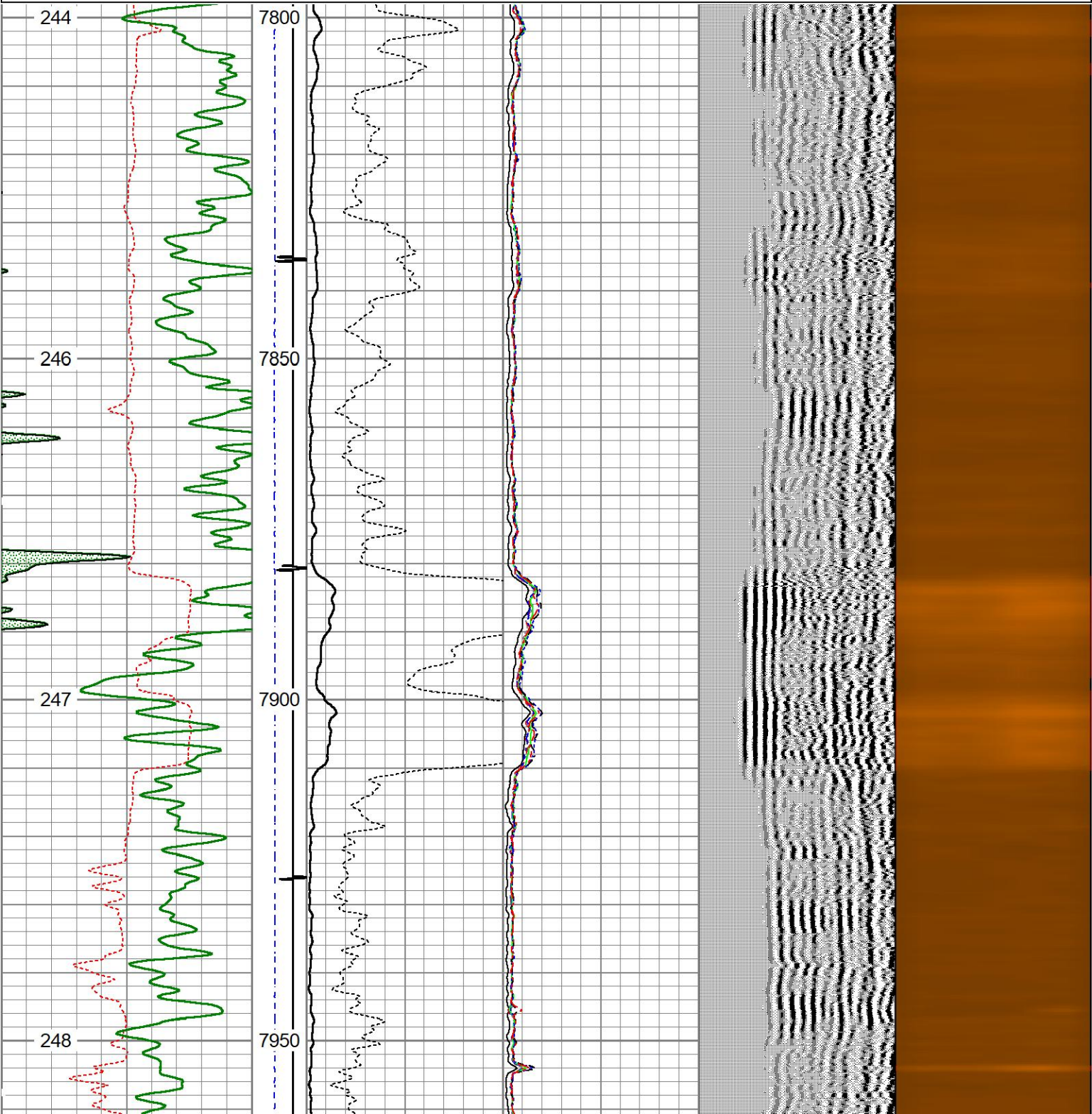
Repeat Pass

500 PSI 5"=100'

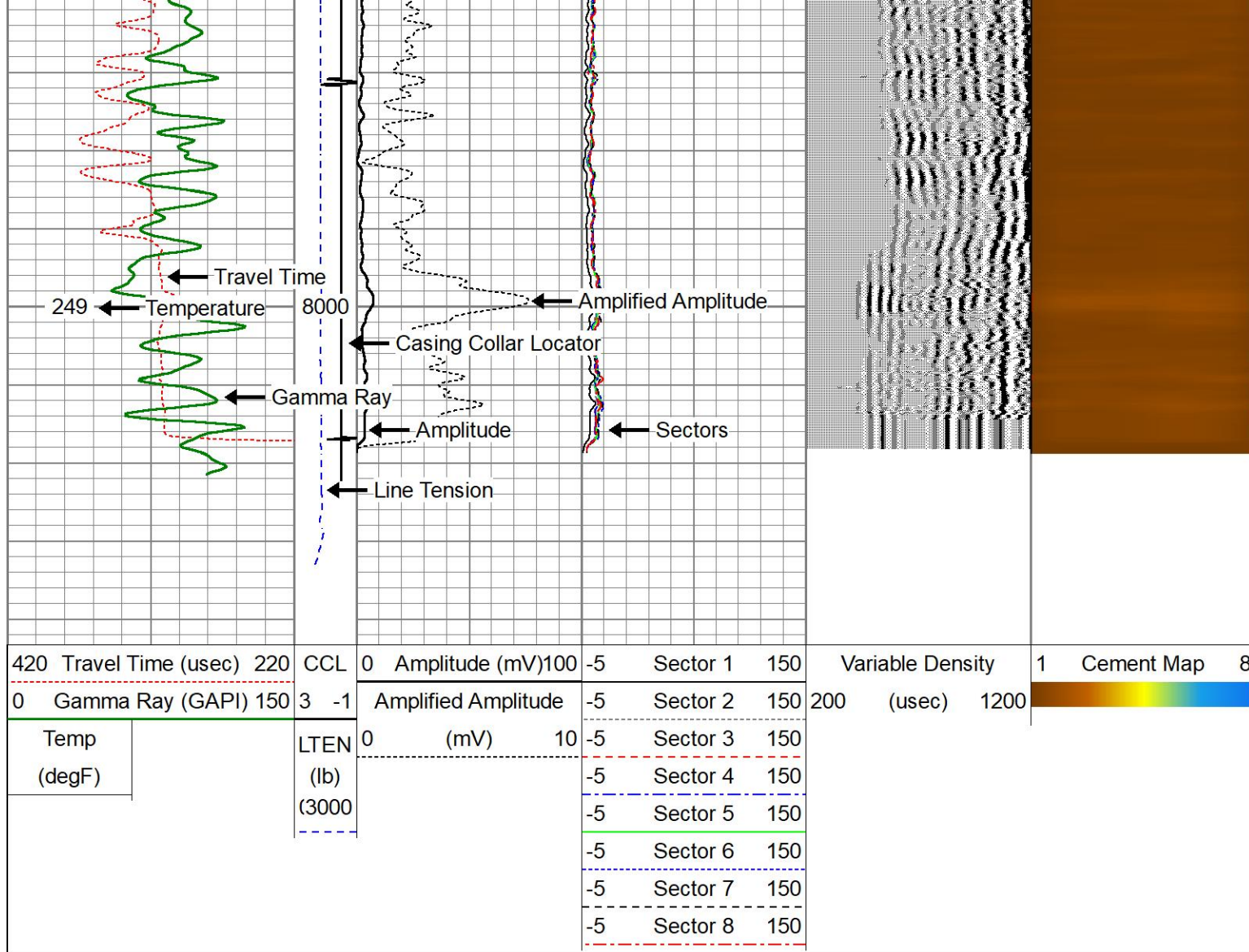


Database File		gw_schneider_hd_11_022hc_rcbl.db									
Dataset Pathname		pass2									
Presentation Format		scbl03									
Dataset Creation		Mon Dec 02 00:15:17 2019									
Charted by		Depth in Feet scaled 1:240									

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 (lb) (3000	-----	0	(mV)	10	-5	Sector 3	150					
(degF)							-5	Sector 4	150					
							-5	Sector 5	150					
							-5	Sector 6	150					
							-5	Sector 7	150					
							-5	Sector 8	150					
							-5							
							-5							







## Log Variables

Database: C:\ProgramData\Warrior\Data\gw\_schneider\_hd\_11\_022hc\_rcbl.db  
 Dataset: field/well/run1/pass5/\_vars\_

### Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
TEMP	in 8.5	degF 249	in 5.5	in 0	lb/ft 17	mV 71	mV 1
MINATTN	PERFS	PPT	SRFTEMP	TDEPTH			
db/ft 0.8	No	usec 0	degF 0	ft 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\_022hc\_rcbl.db  
 Dataset Pathname: pass5

Dataset Creation

Mon Dec 02 00:19:49 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:	416.650	ft				

Master Calibration, performed Sun Dec 01 23:14:44 2019:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.009	0.586	1.000	71.921	122.929	-0.086
CAL	0.009	0.711				
5'	0.009	0.554	1.000	71.921	130.143	-0.141
SUM						
S1	0.021	0.550	0.000	100.000	188.821	-3.932
S2	0.009	0.579	0.000	100.000	175.372	-1.625
S3	0.009	0.598	0.000	100.000	169.973	-1.567
S4	0.009	0.609	0.000	100.000	166.799	-1.511
S5	0.009	0.613	0.000	100.000	165.692	-1.487
S6	0.009	0.590	0.000	100.000	172.155	-1.545
S7	0.009	0.558	0.000	100.000	182.356	-1.716
S8	0.009	0.547	0.000	100.000	185.970	-1.641

Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.009	0.711	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	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	



S7	0.000	0.000	0.000	0.000
S8	0.000	0.000	0.000	0.000

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	21.13		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00
Temp	18.28					
WVFS8	16.05		RBT-Probe 2.75 Radii W/Temp (FW1306-47) Probe 2.75" Radial with Integral Temperature Sub	9.21	2.75	90.00
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

Total length:	22.01 ft
Total weight:	301.00 lb
O.D.:	3.13 in



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