



CEMENT BOND LOG

Mesa Wireline

Company	ANTERO RESOURCES CORPORATION		
Well	ROBINSON C14		
Field	MAMM CREEK		
County	GARFIELD		
State	COLORADO		
Company	ANTERO RESOURCES CORPORATION	Location:	APR # J5045145700000
Well	ROBINSON C14	Other Services	NONE
Field	MAMM CREEK		
County	GARFIELD		
State	COLORADO		
Permanent Datum	SURFACE HOLE: 2439' FNL & 0171' FEL		
Log Measured From	SEC. 17 TWP. 06S. 7RGE. 92W		
Drilling Measured From	GROUND LEVEL Elevation 5645'		
	KELLY BUSHING = 25 FT		
	K.B. 5670		
	D.F. 5669		
	G.L. 5645		

Date	19 MAR 2008						
Run Number	ONE						
Depth Driller	8823						
Depth Logger	8736						
Bottom Logged Interval	6736						
Top Log Interval	SURFACE						
Open Hole Size	7.875"						
Type Fluid	WATER						
Density / Viscosity	~8.34#						
Max. Recorded Temp.	251 DEG F						
E estimated Cement Top	3520						
Time Well Ready	N/A						
Time Logger on Bottom	N/A						
E equipment Number	ST0501/RB102						
Location	GRAND JUNCTION						
Recorded By	D. SOLIS						
Witnessed By	S. WIMMER						
Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	240"	SURFACE	50				
TWO	12.25'	50	900				
THREE	7.875"	900	8823				
Casing Record				Size	Wgt/Ft	Top	Bottom
Surface String	8.625"				24.0#	SURFACE	900
Prot. String							
P production String	5.5"				17.0#	SURFACE	8823
Liner							

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

CBL-GR-TEMP RAN IN COMBINATION.
NO LOGS AVAILABLE TO CORRELATE WITH.
SHORT JOINTS @: 8285' TO 8304'.

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0



MAIN LOG SECTION

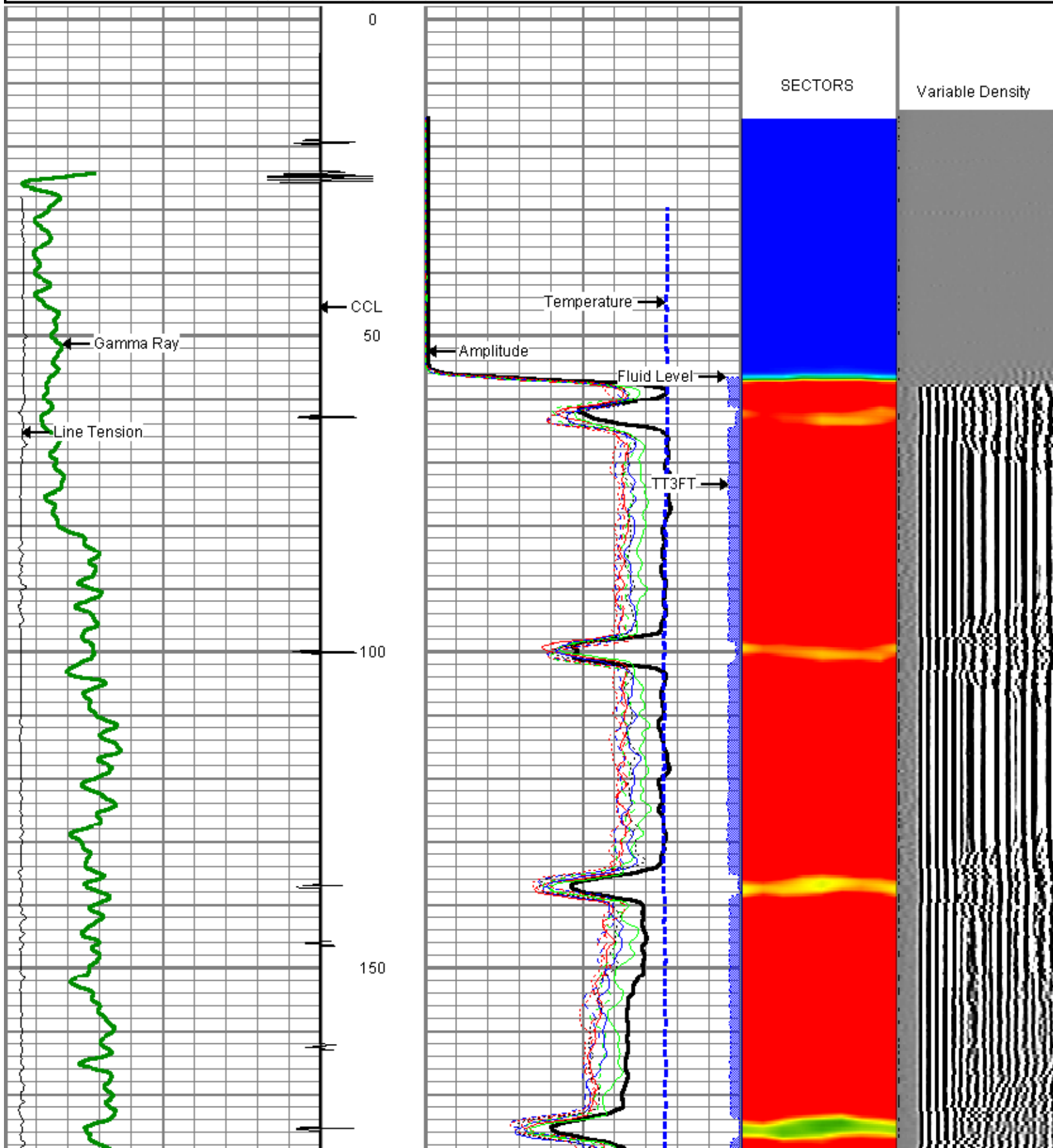
Database File: a_rob_c_cbl.db
 Dataset Pathname: pass3
 Presentation Format: rbt_fin
 Dataset Creation: Wed Mar 19 17:37:08 2008 by Log Std Casedhole 07081
 Charted by: Depth in Feet scaled 1:240

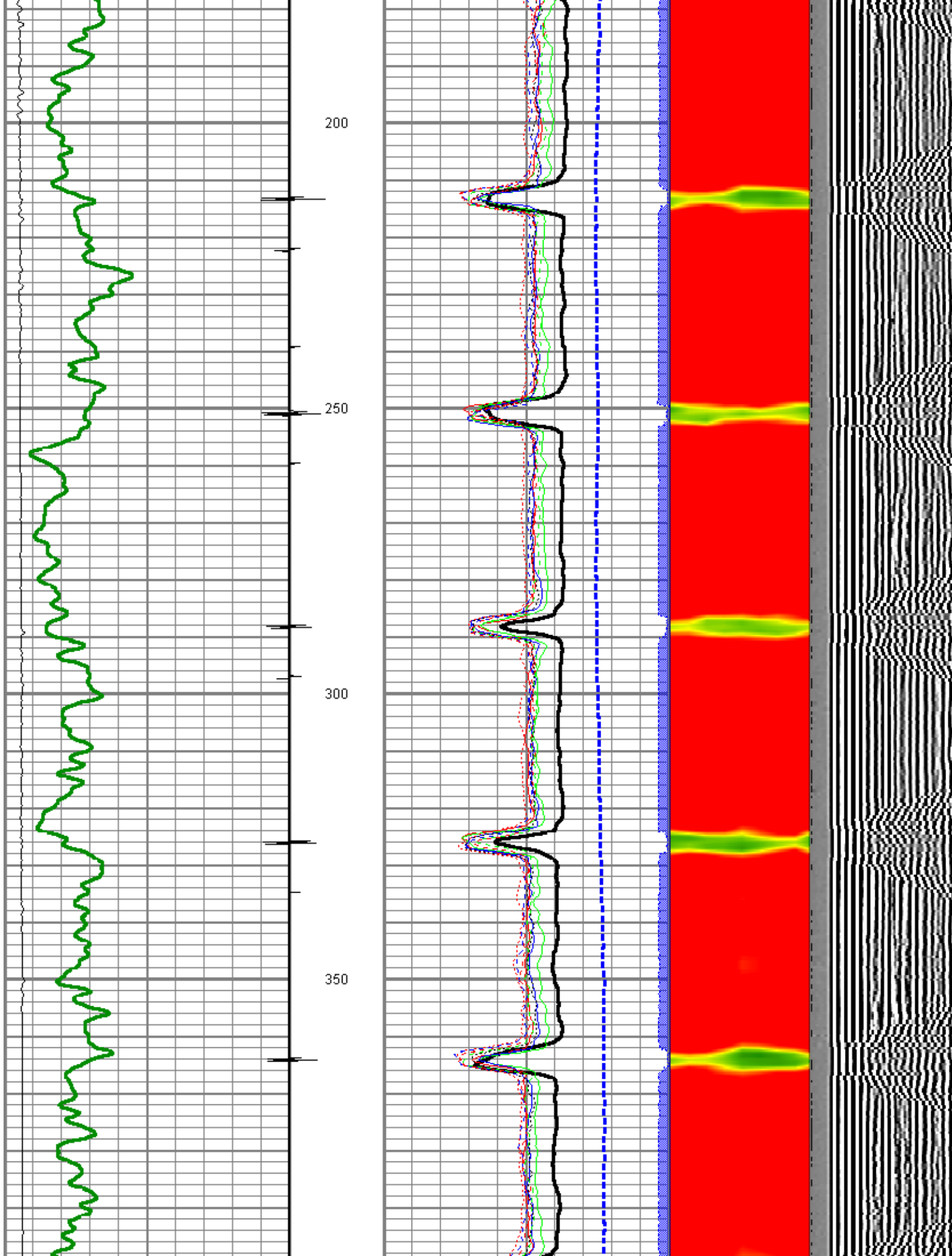
0	LTEN (lb)	4000
0	GR (GAPI)	200

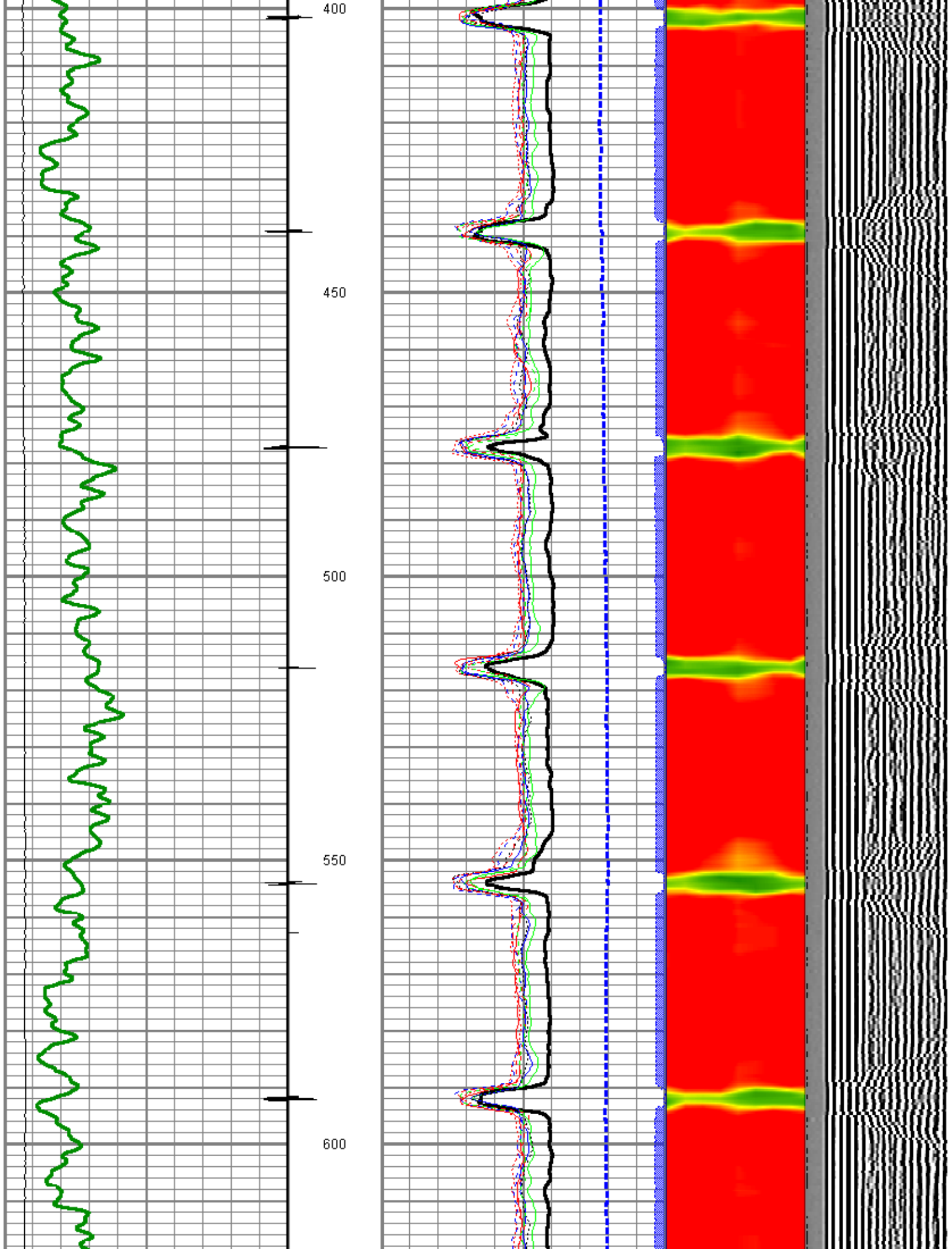
CCL

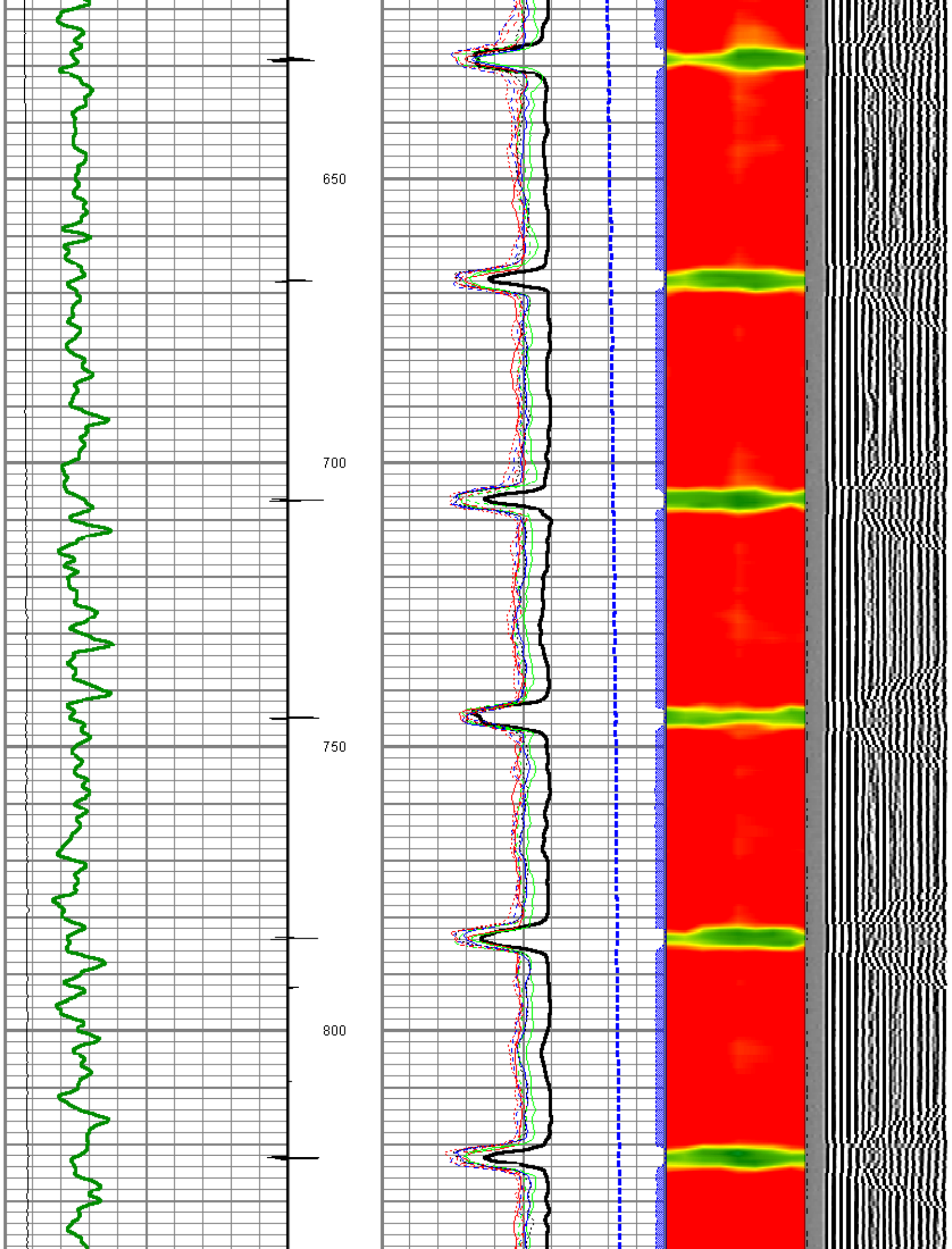
0	Amplitude (mV)	100
0	TT3FT (usec)	220
0	TEMP (degF)	100

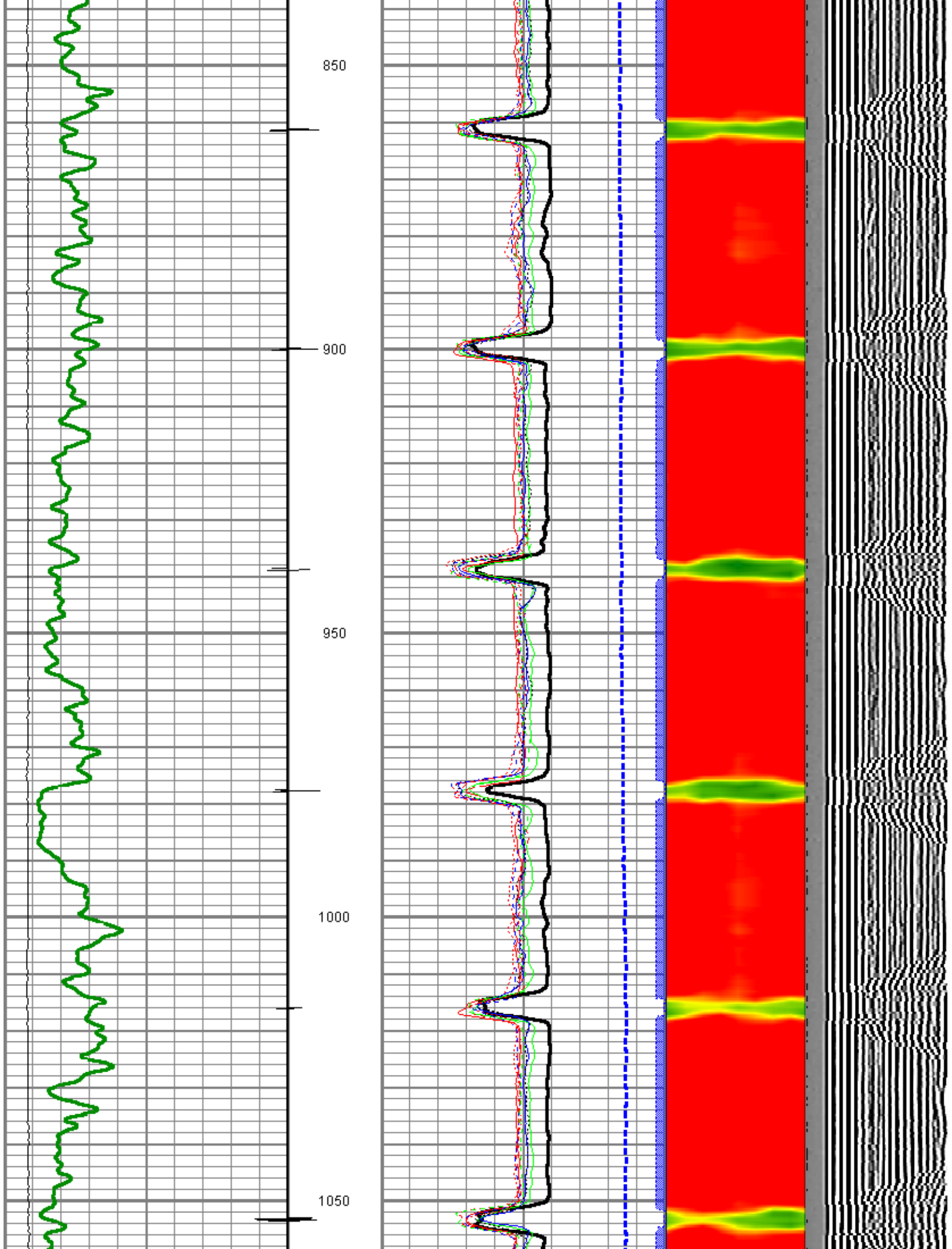
1	SECTORS	8	Variable Density
0		70	200 1200

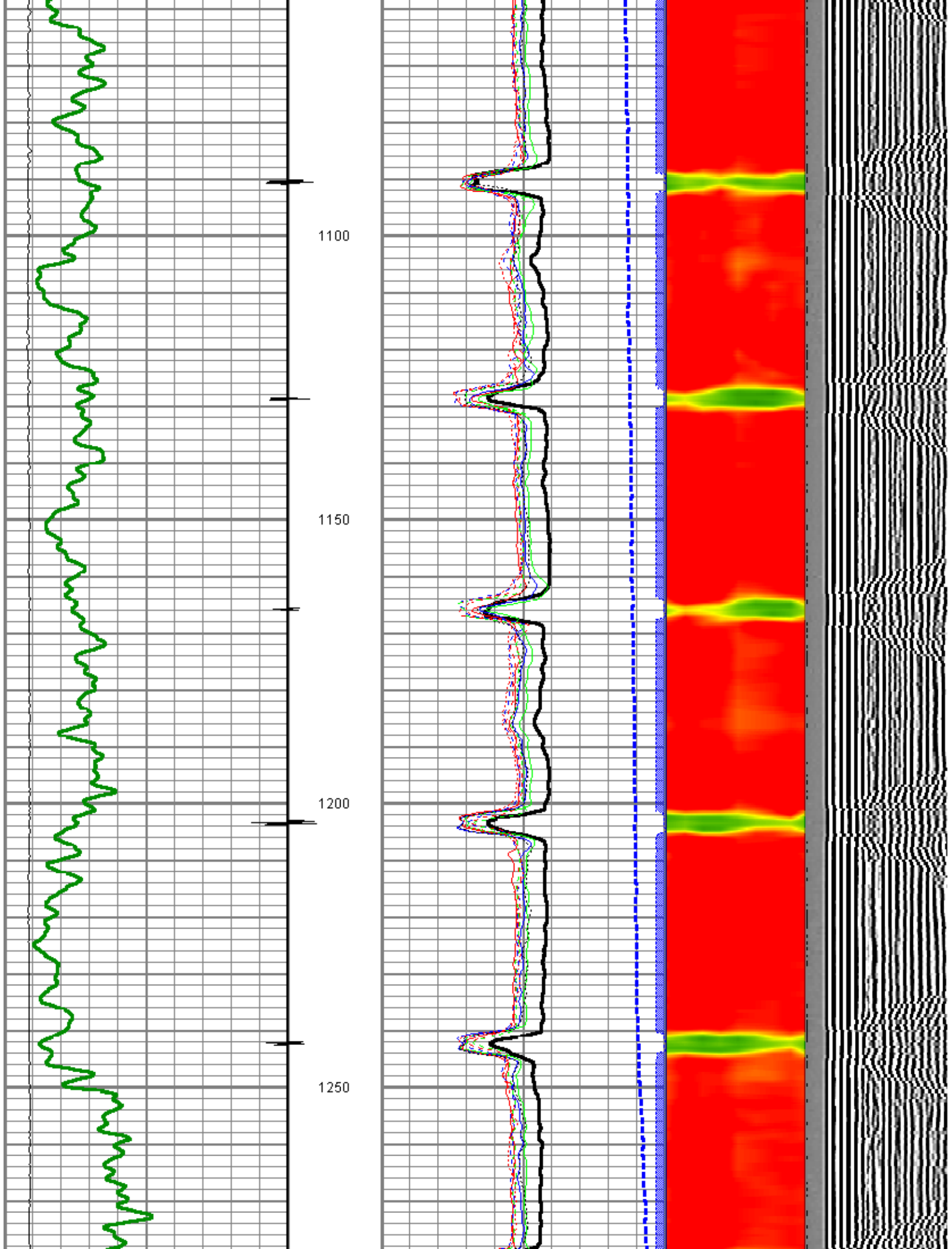


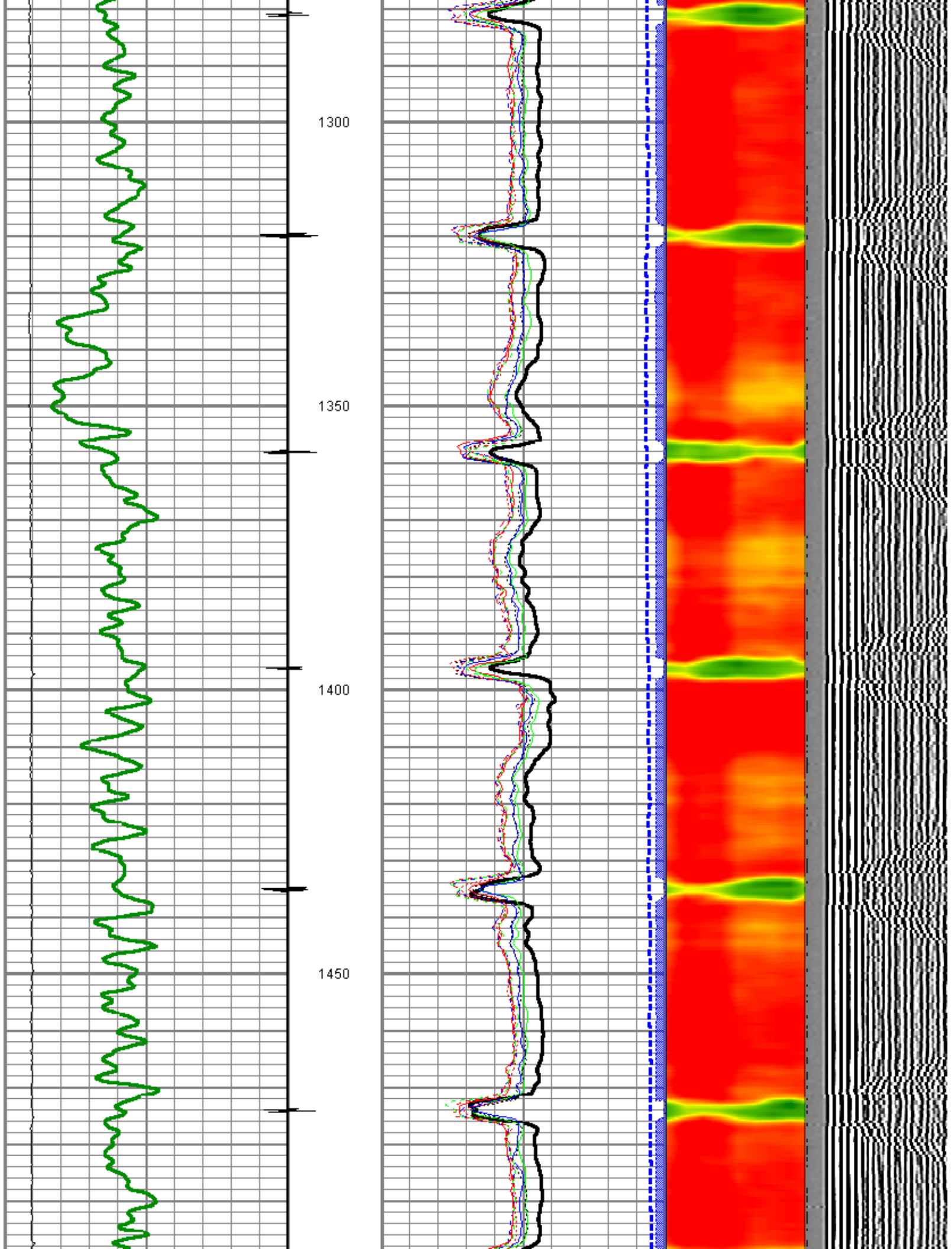


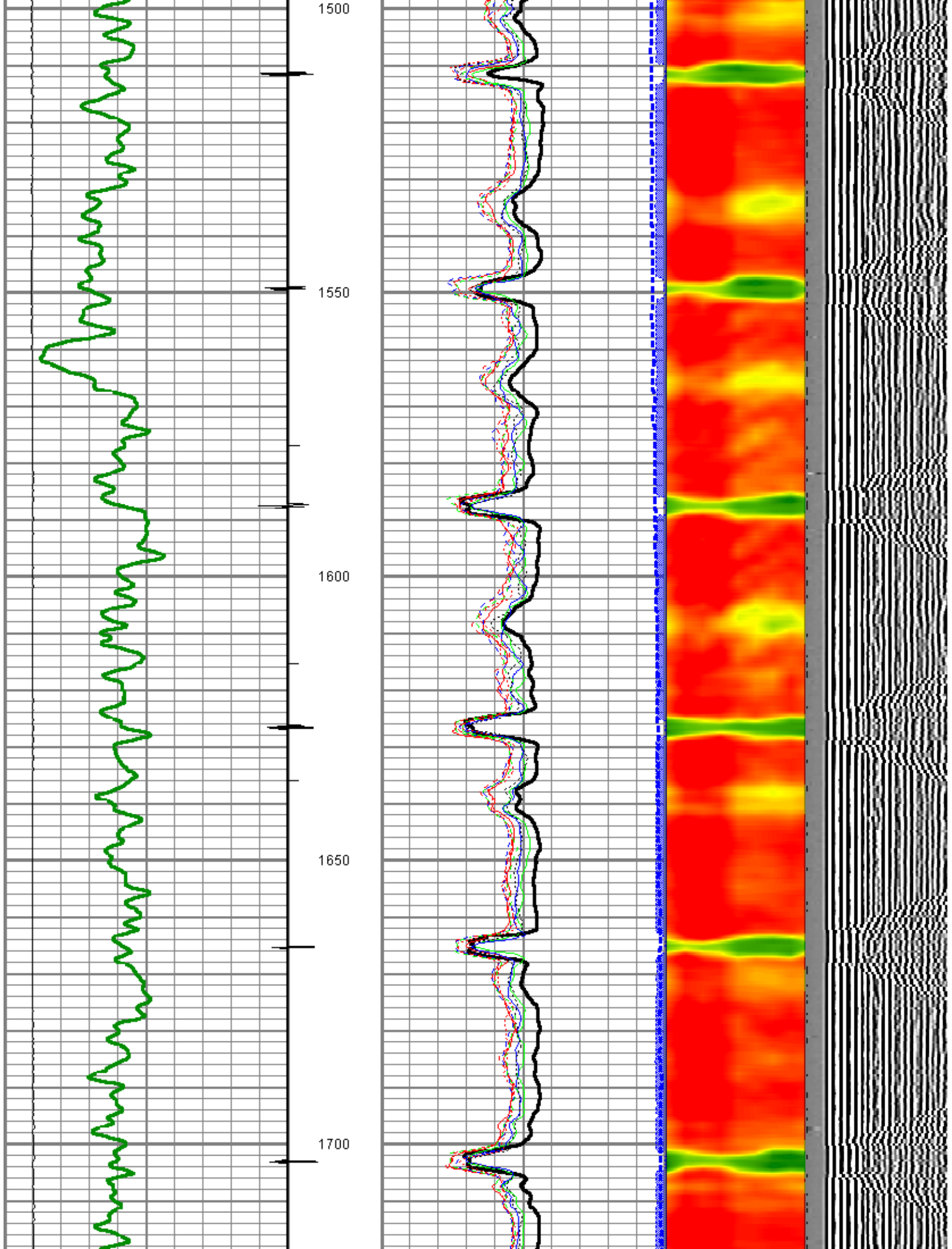


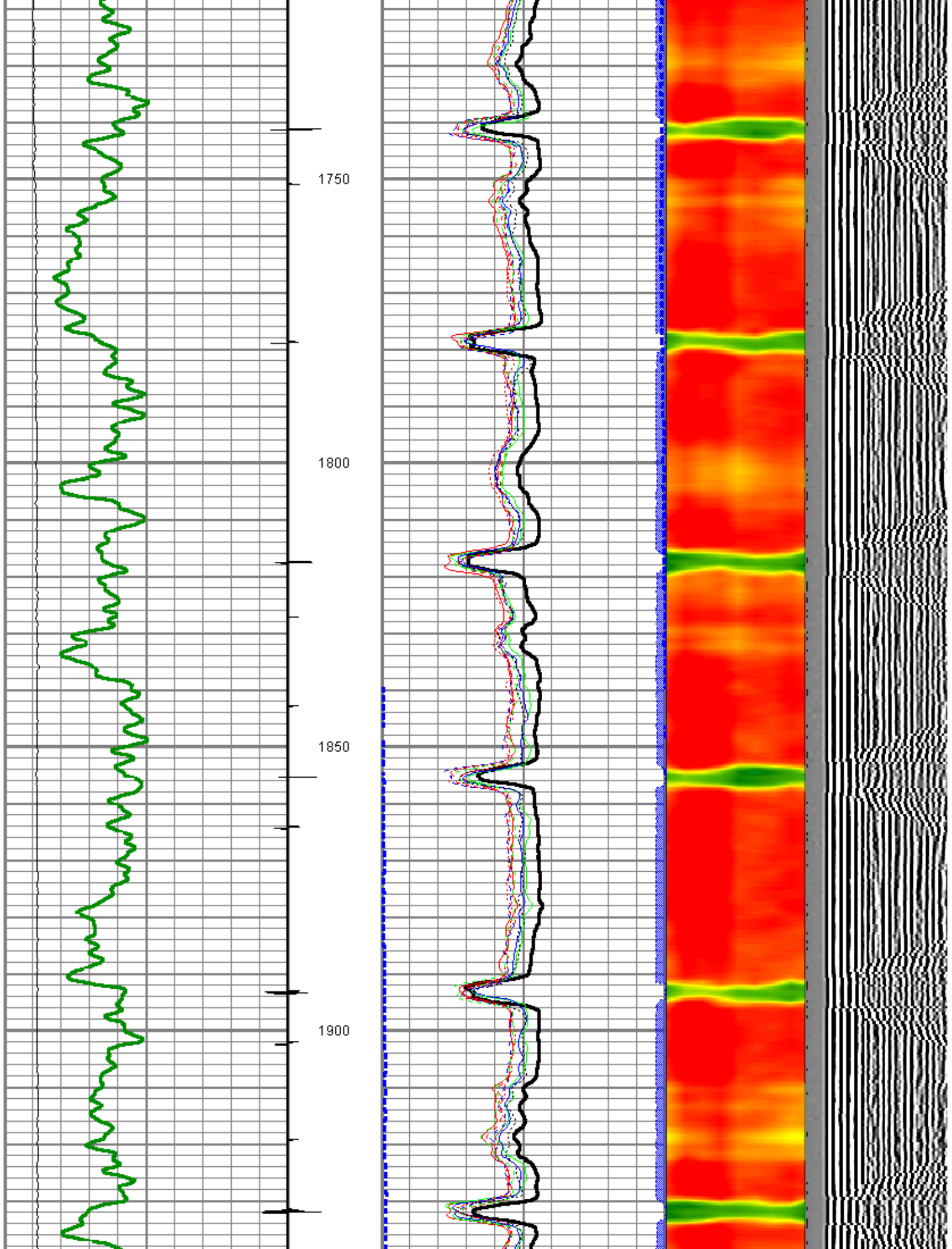


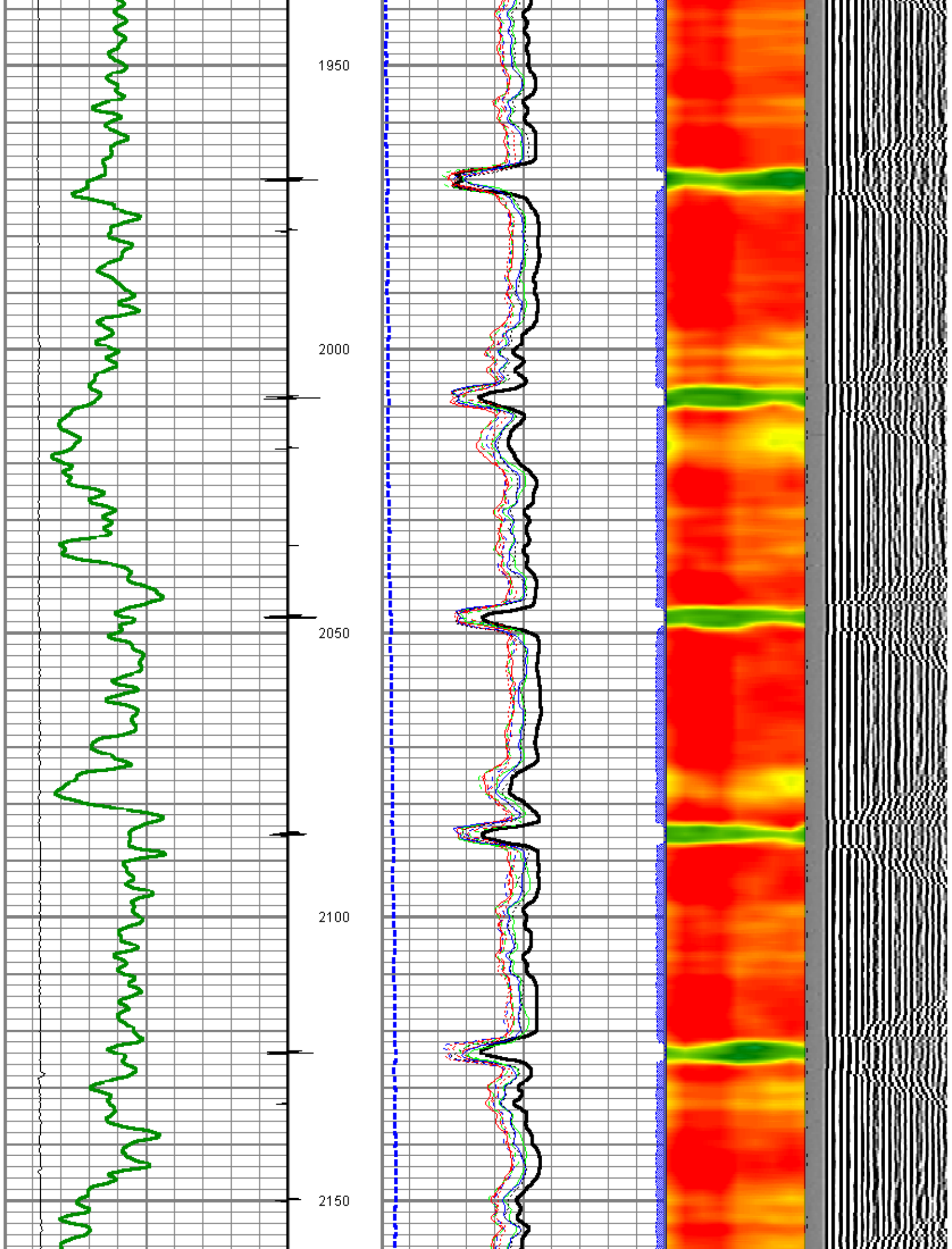


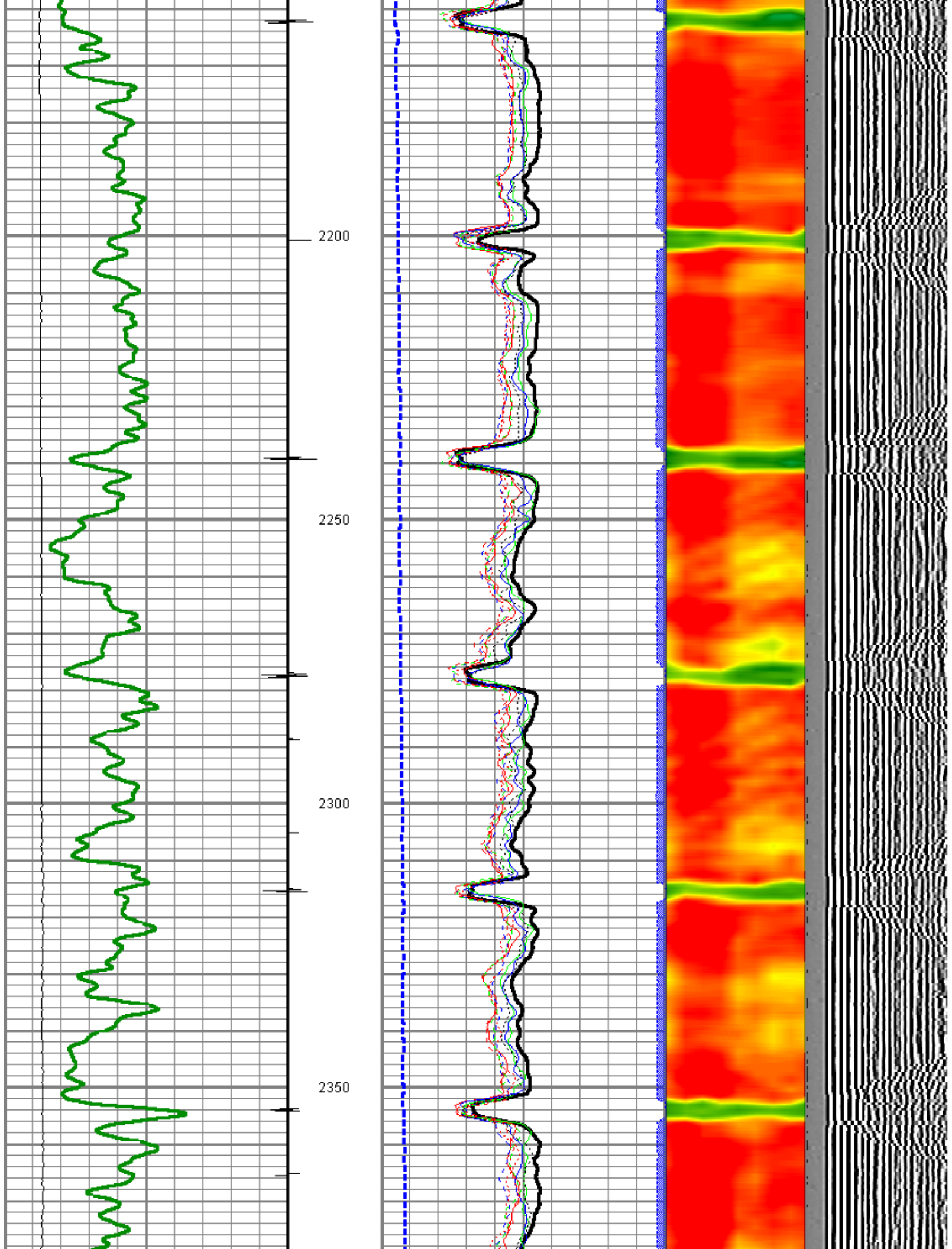


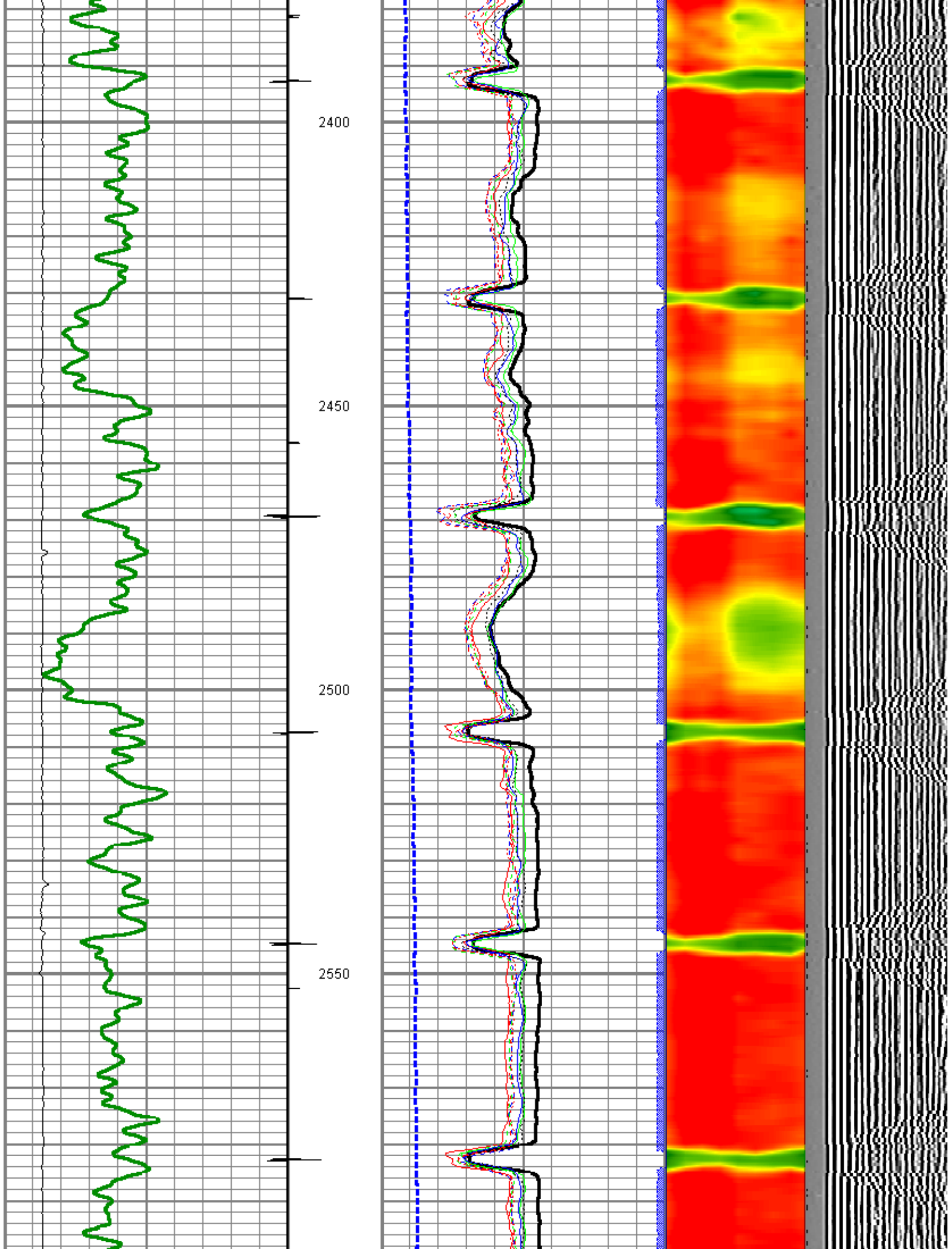


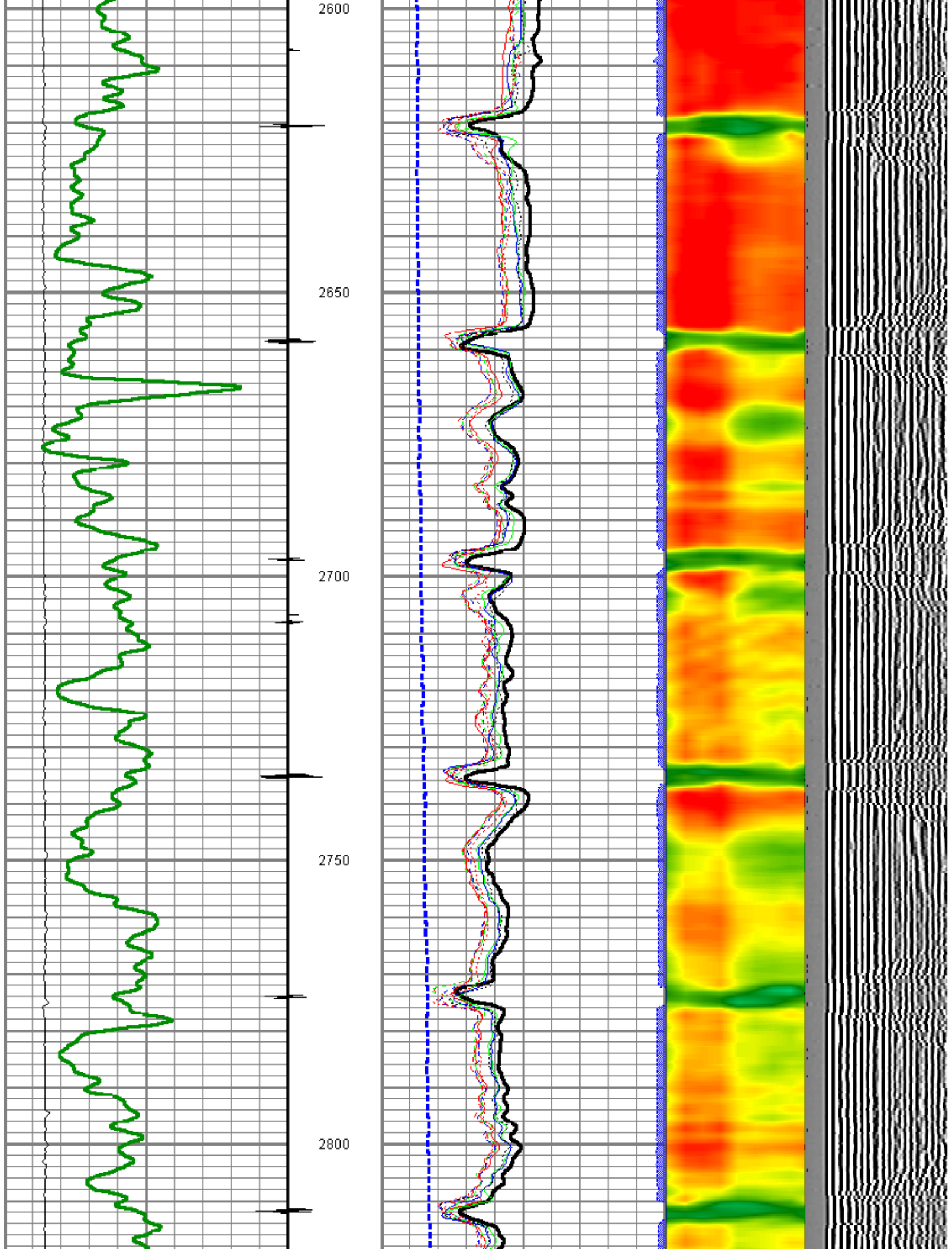


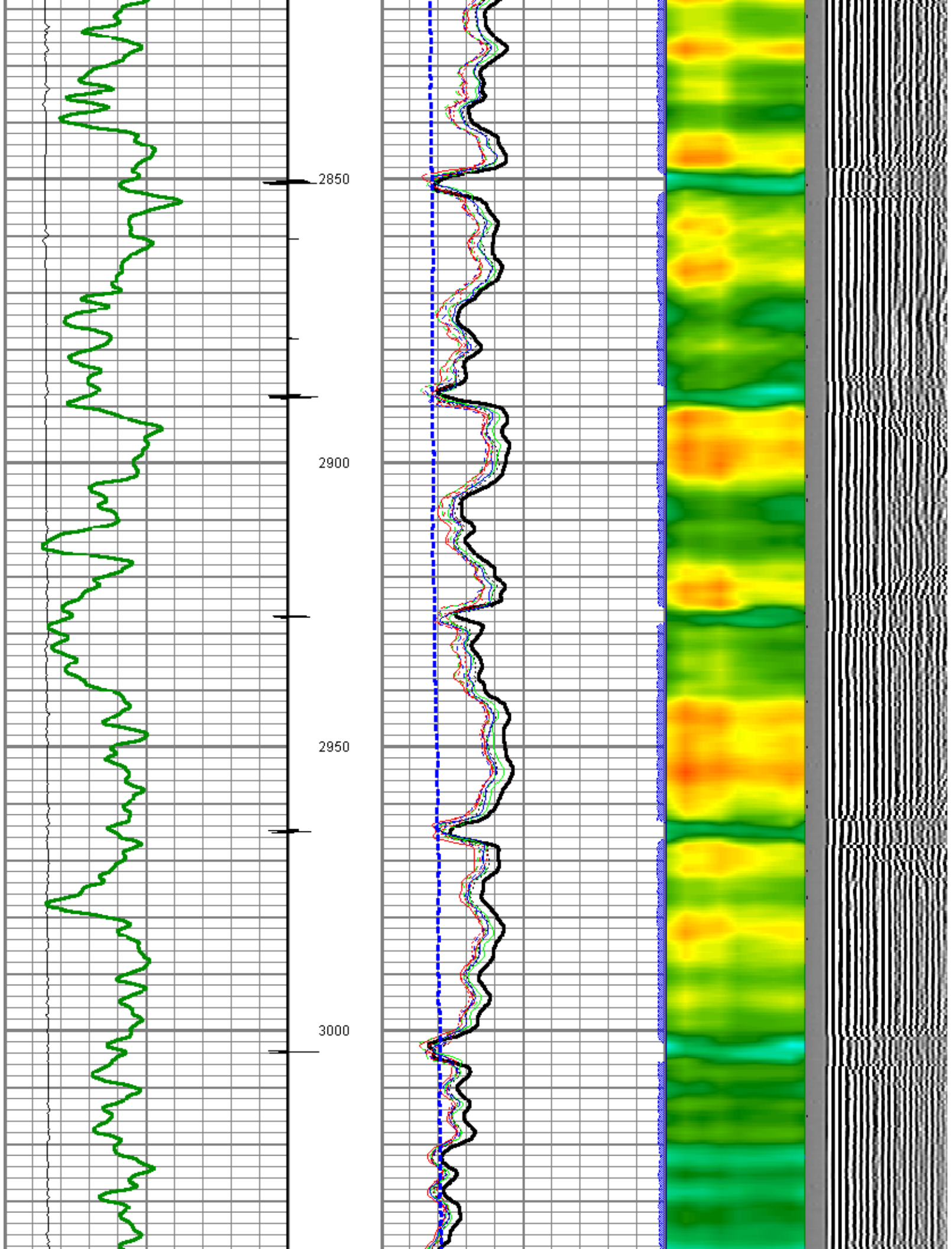


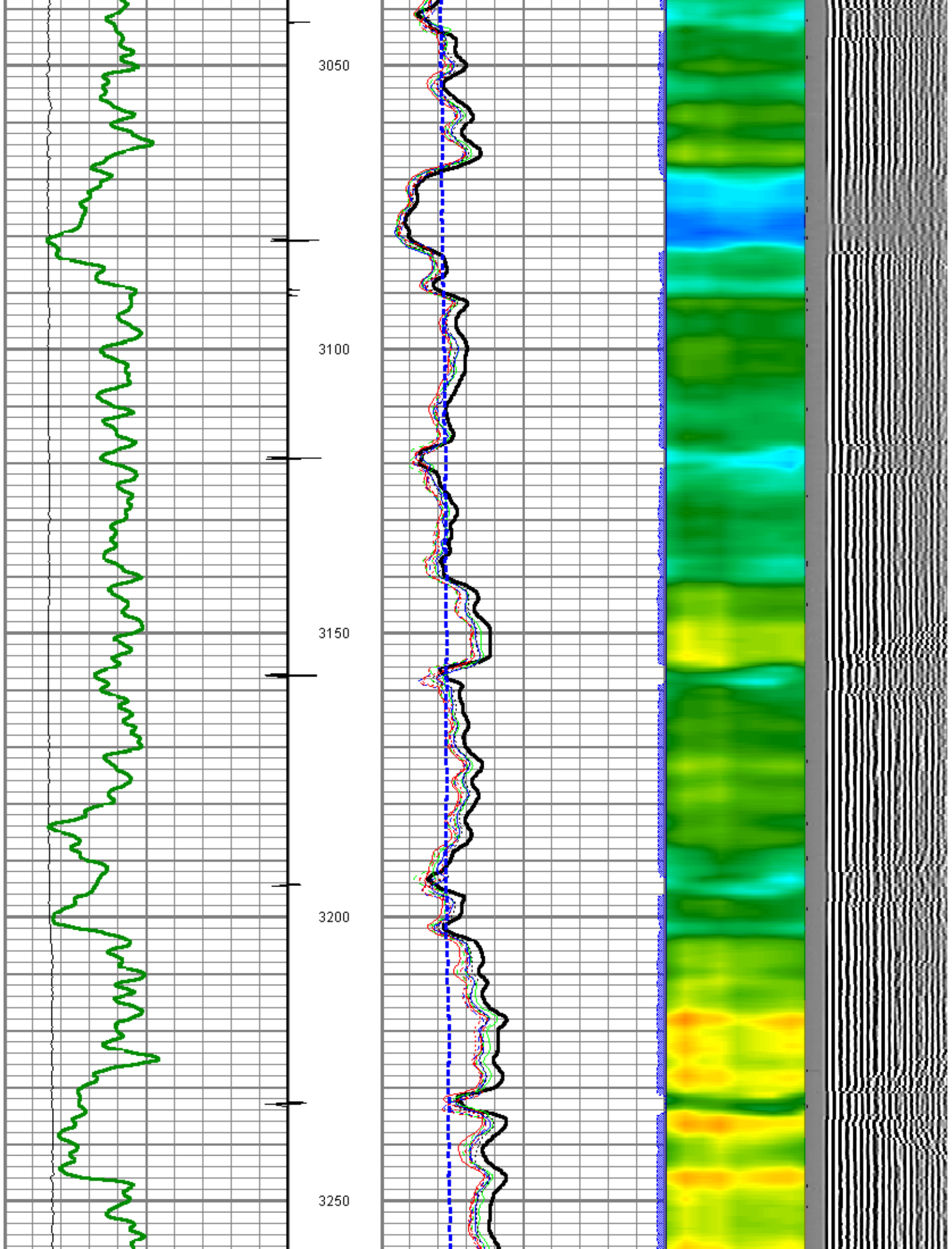


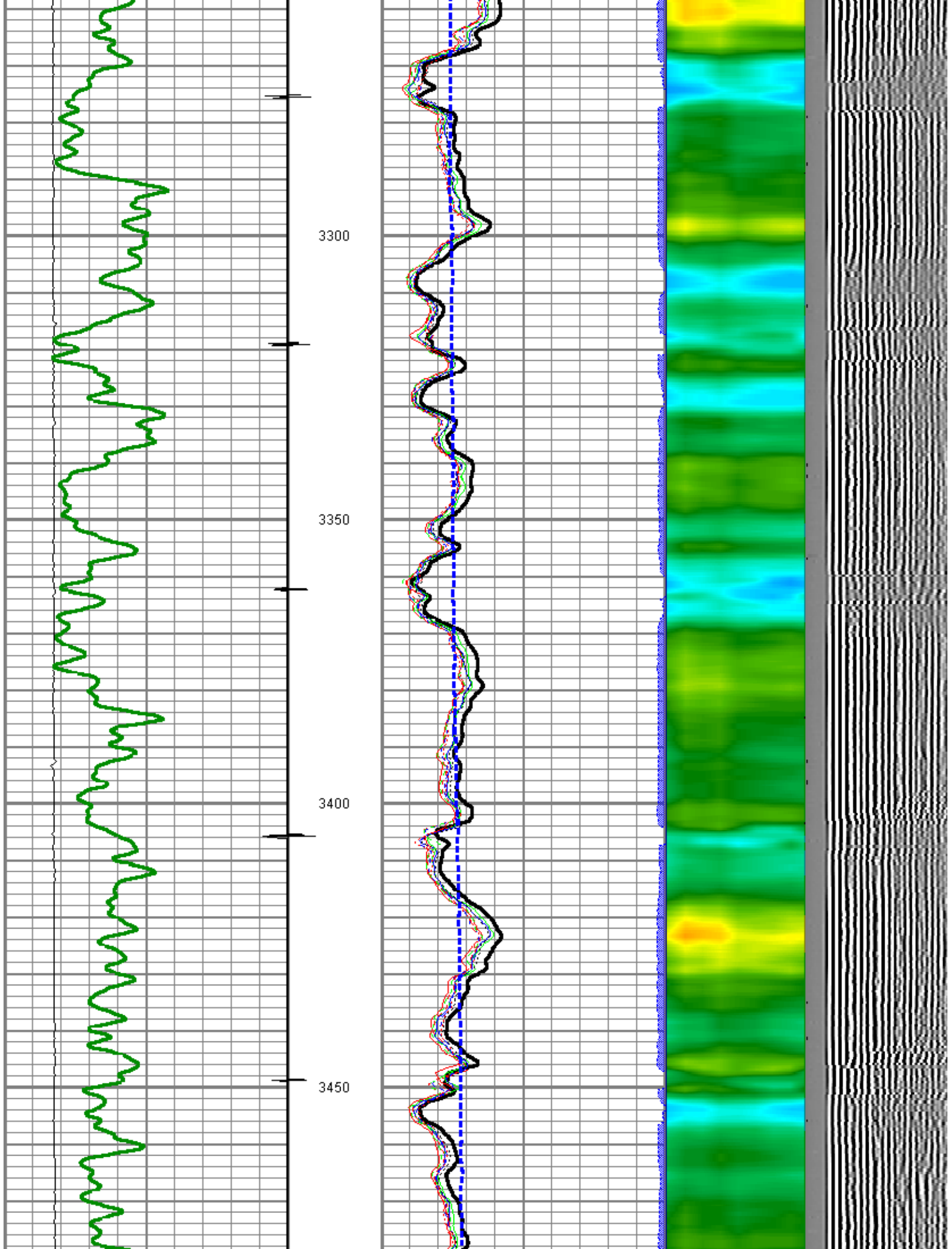


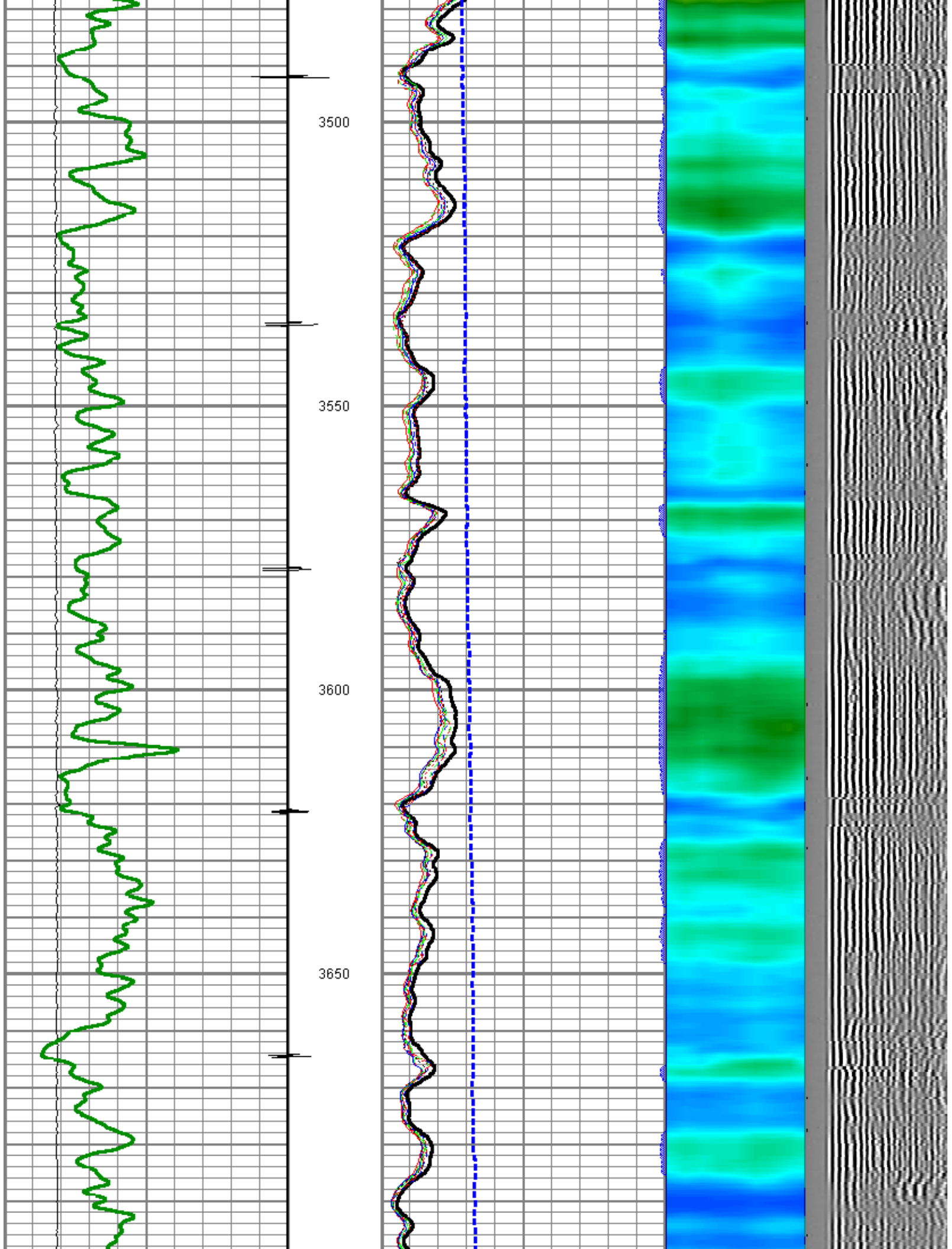


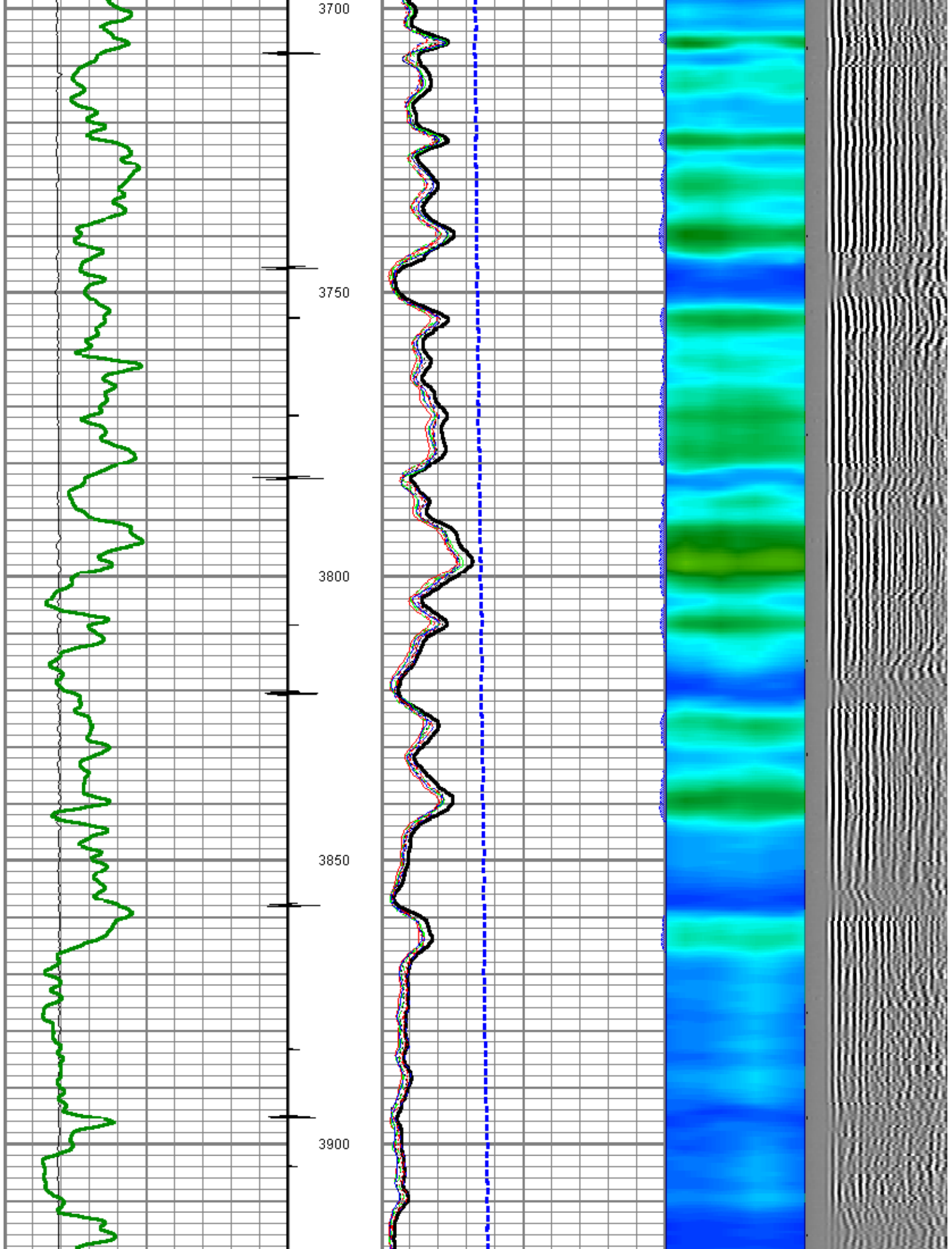


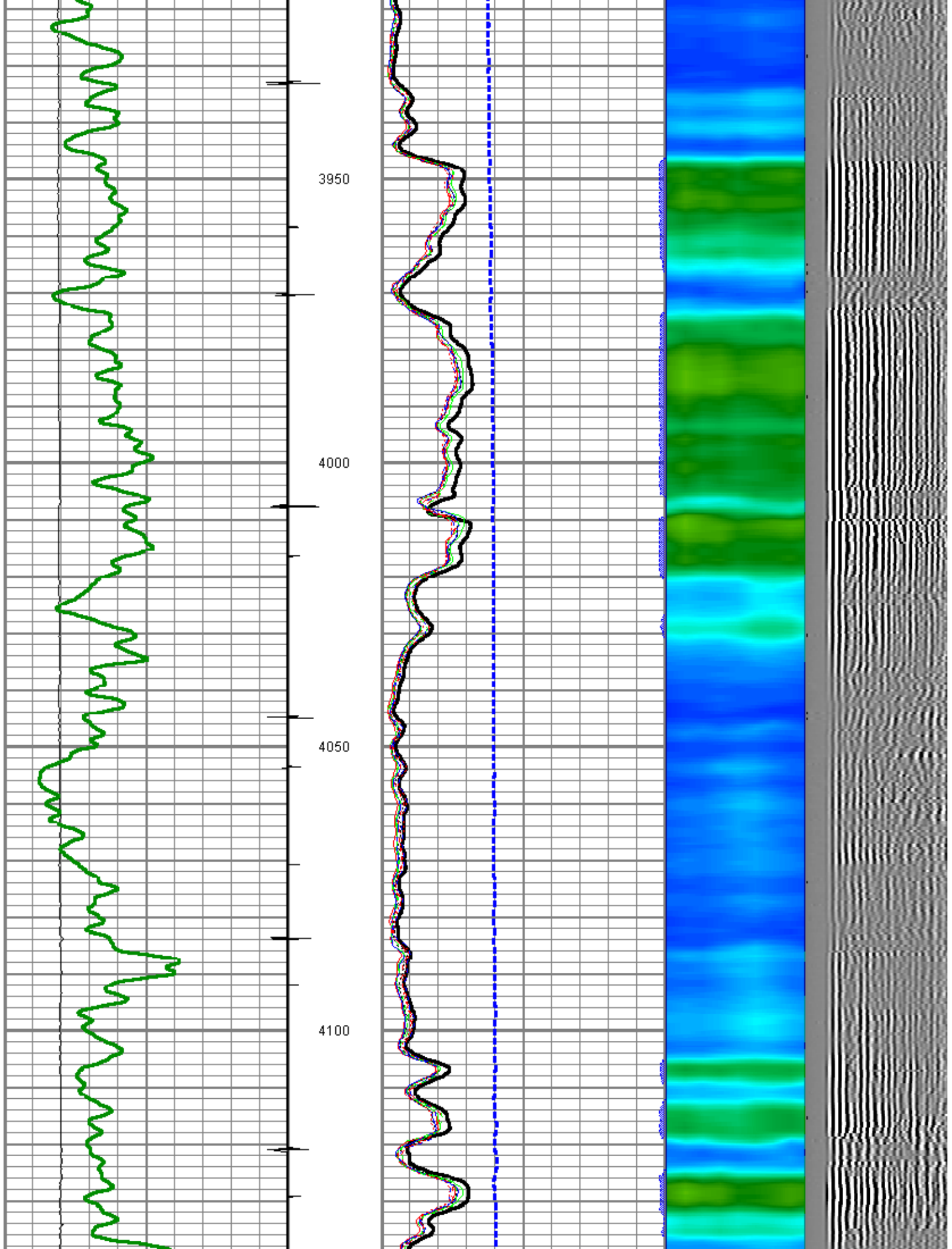


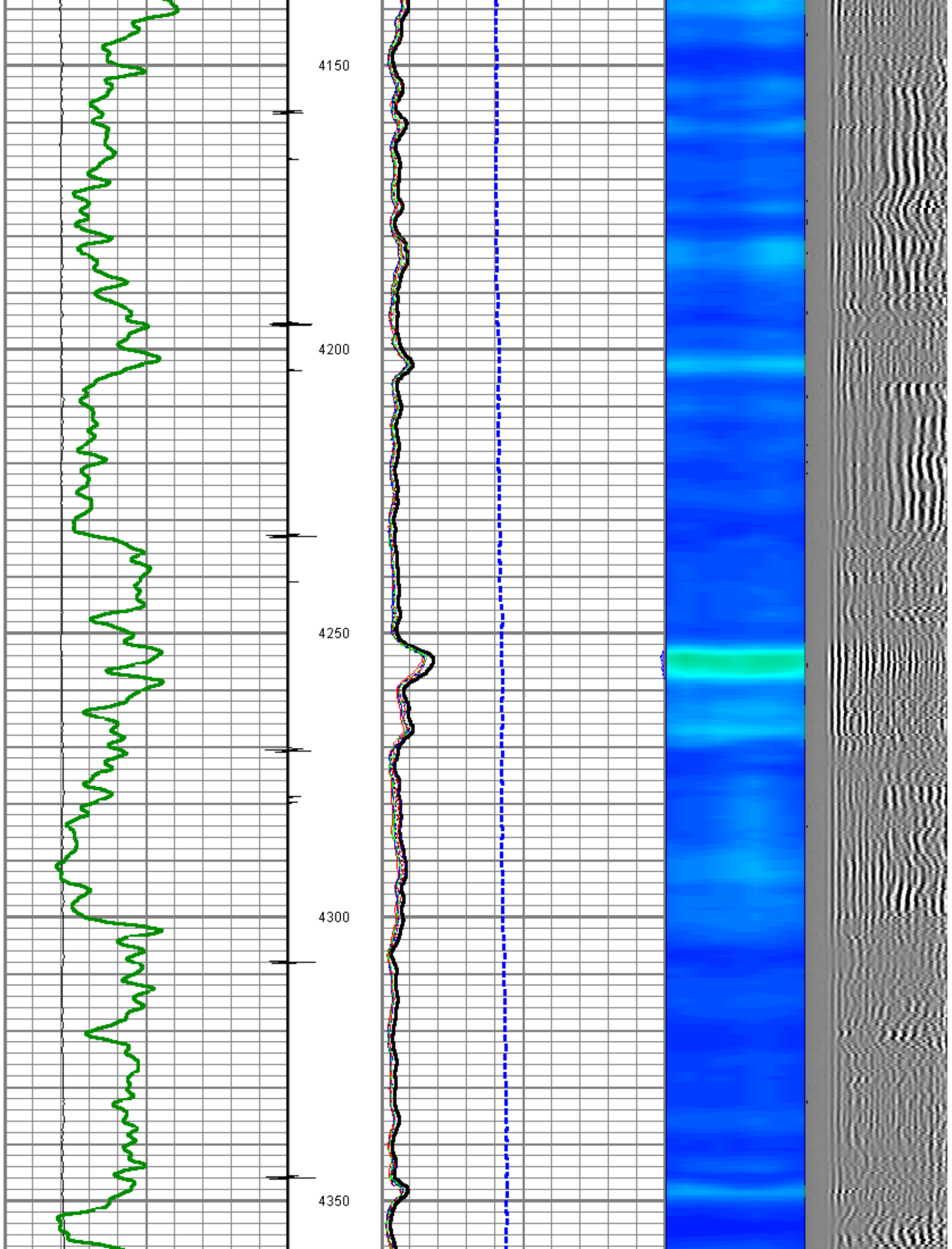


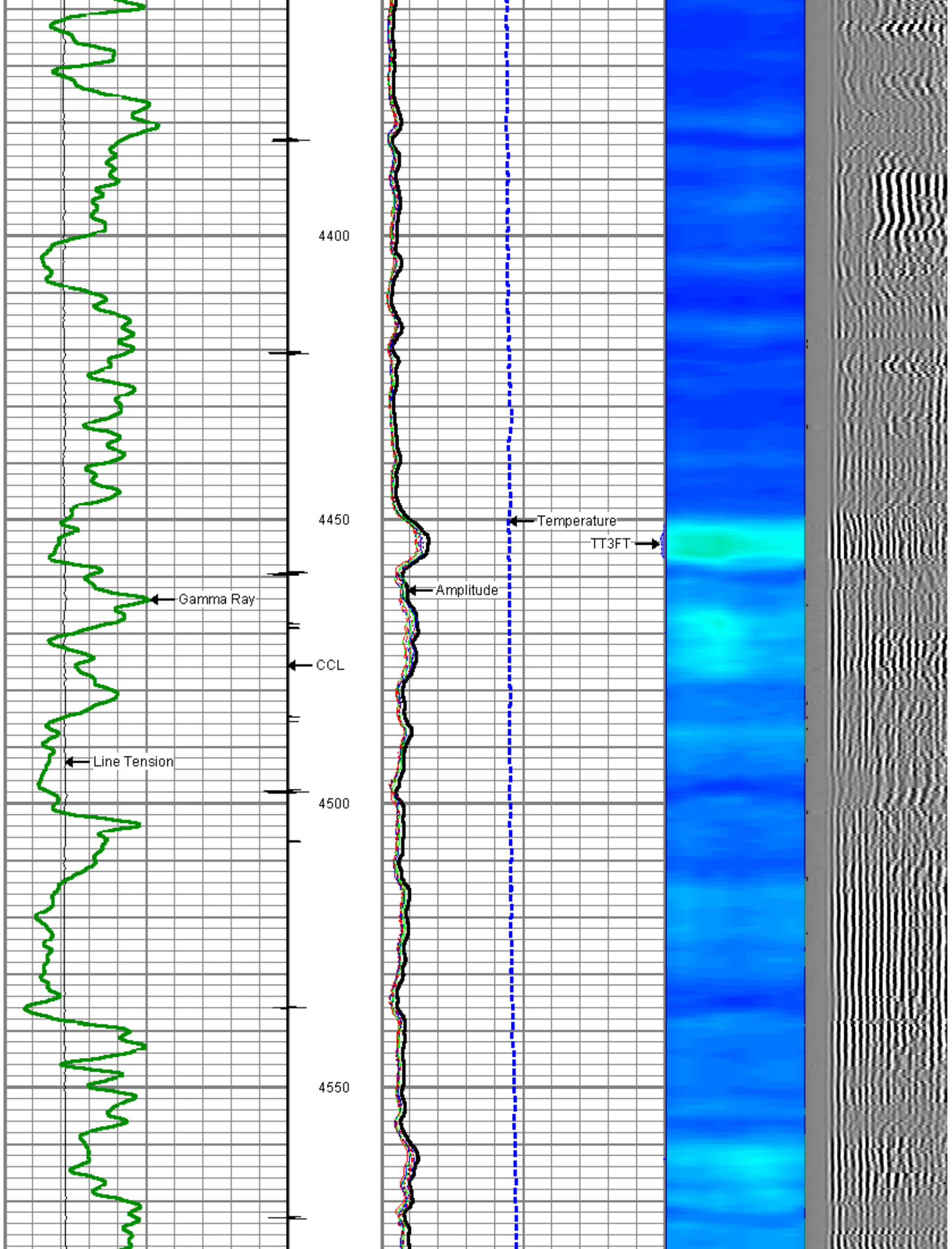


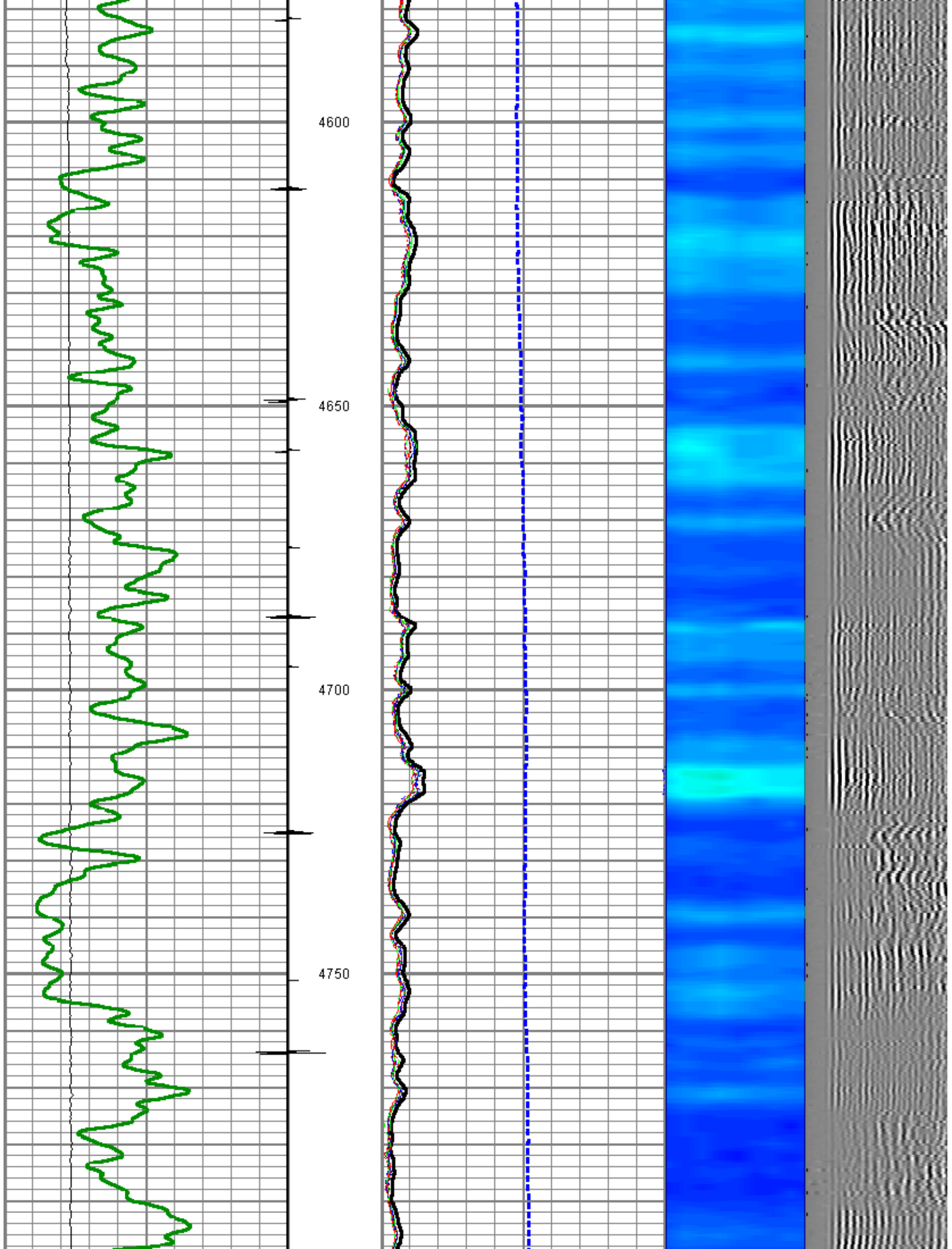


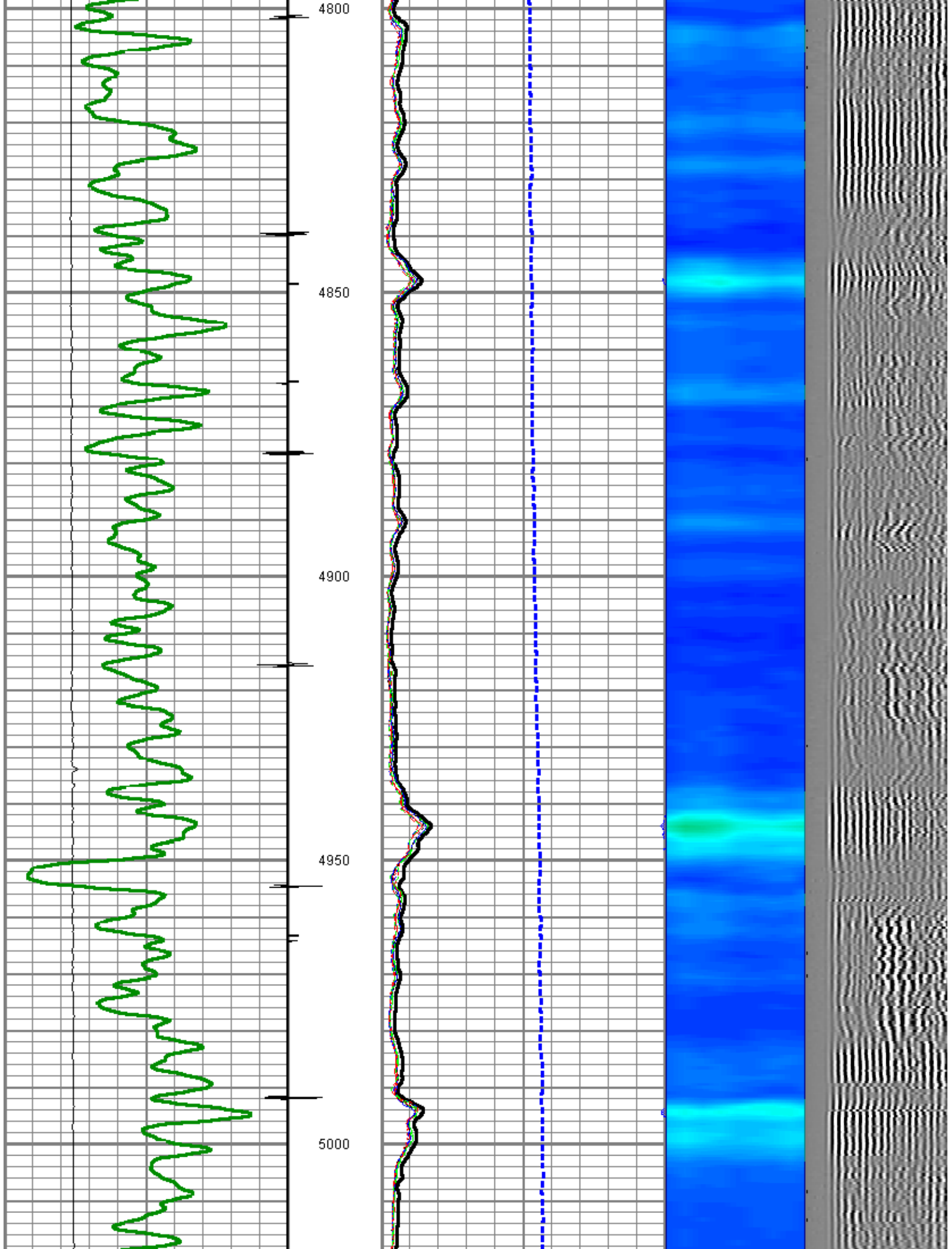


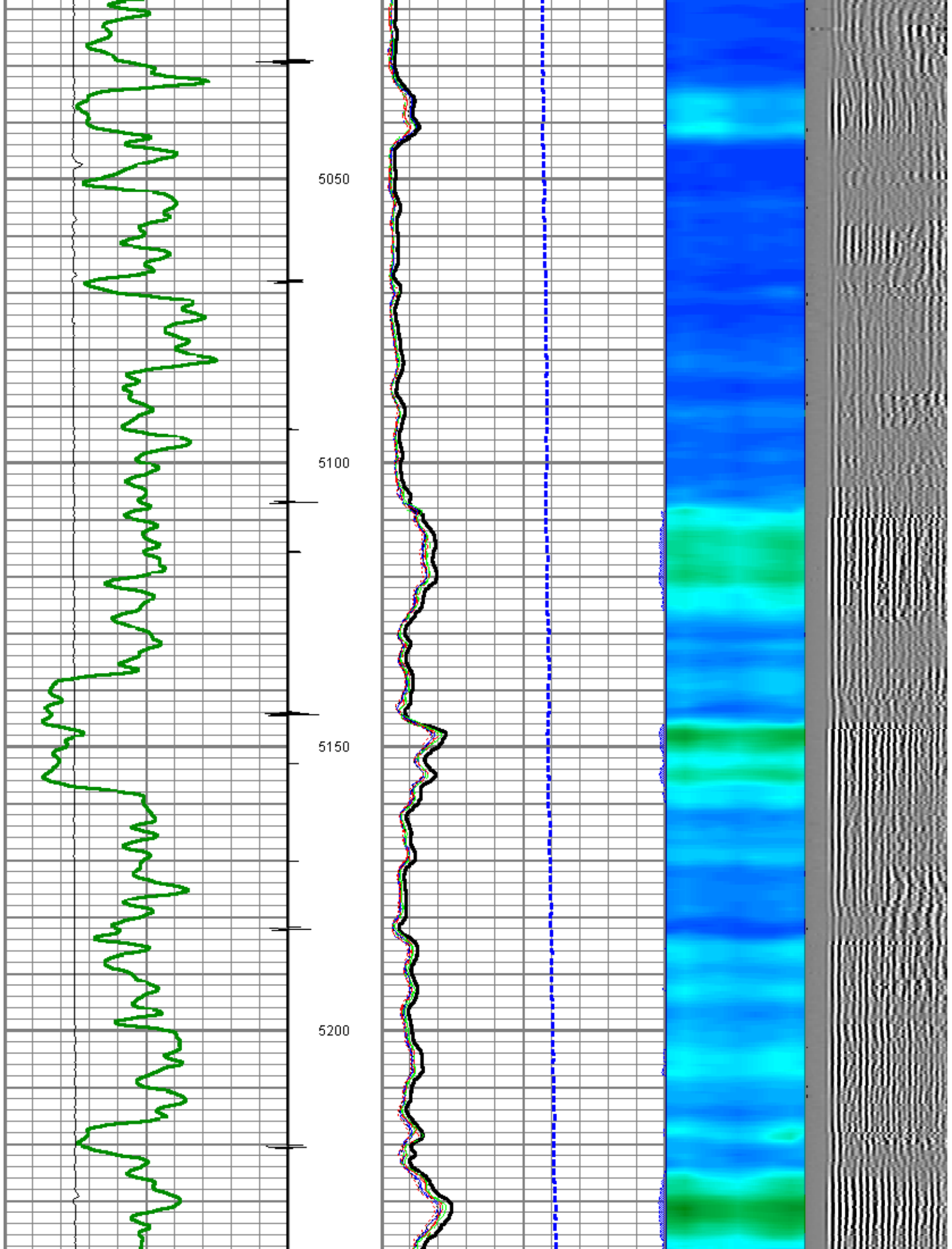


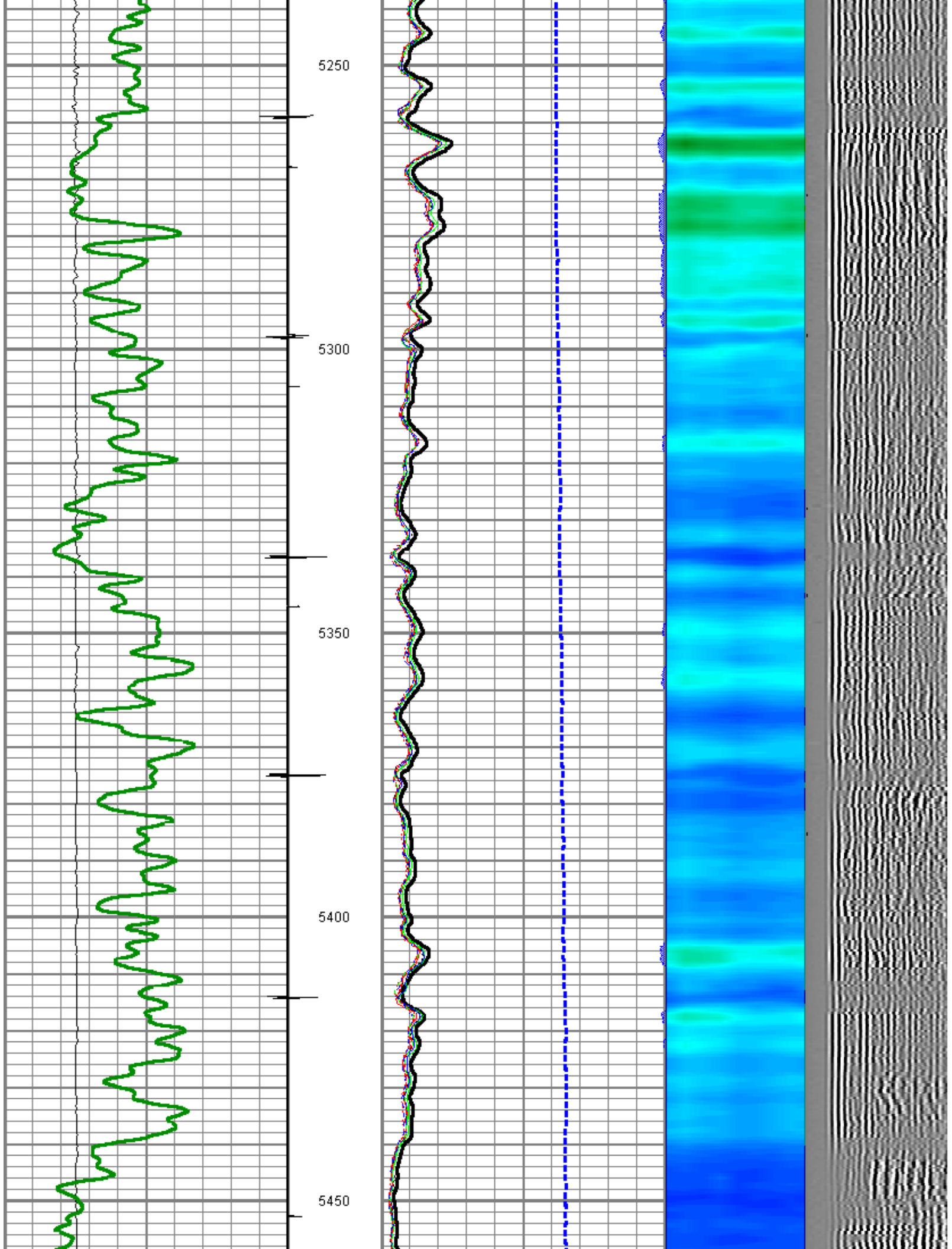


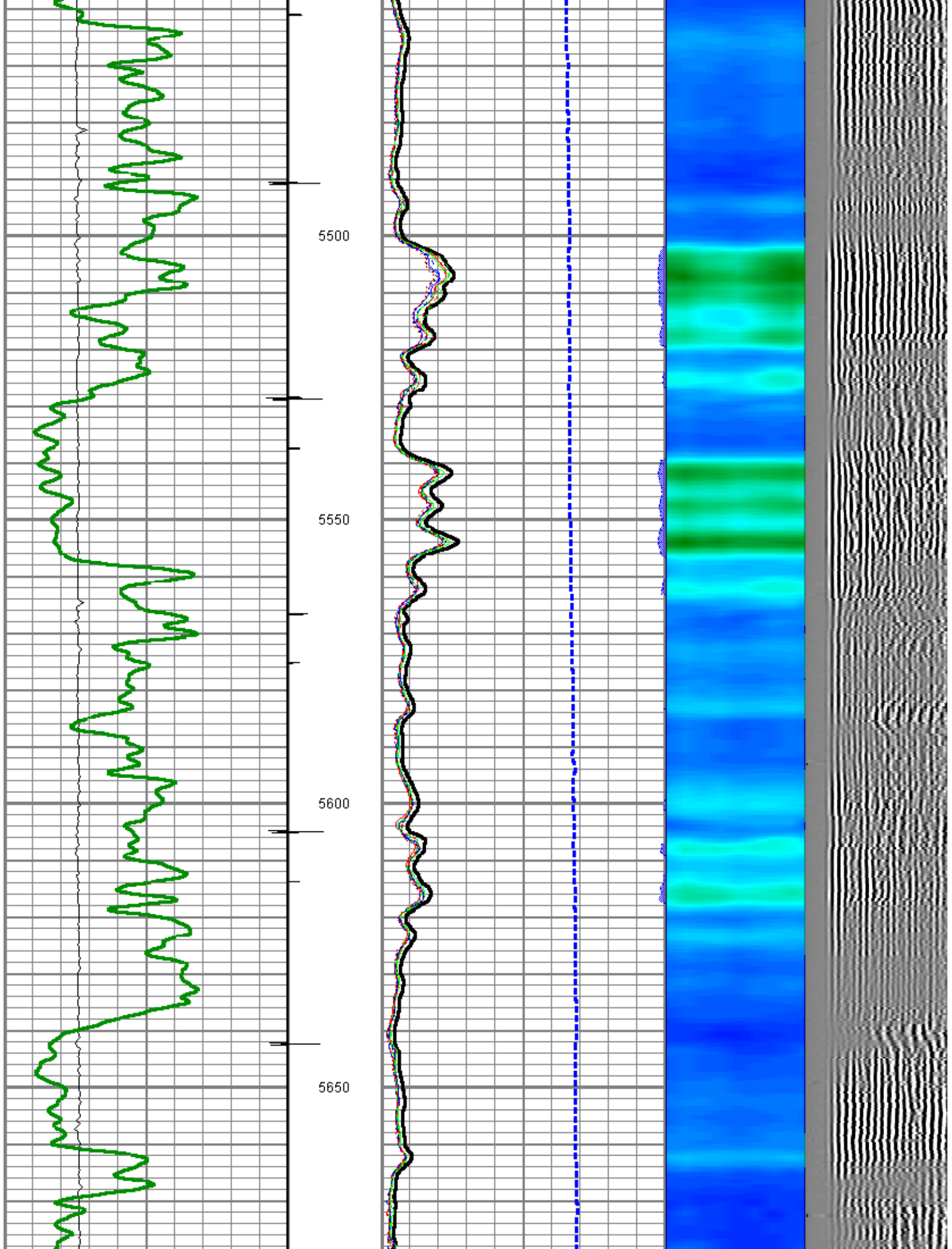


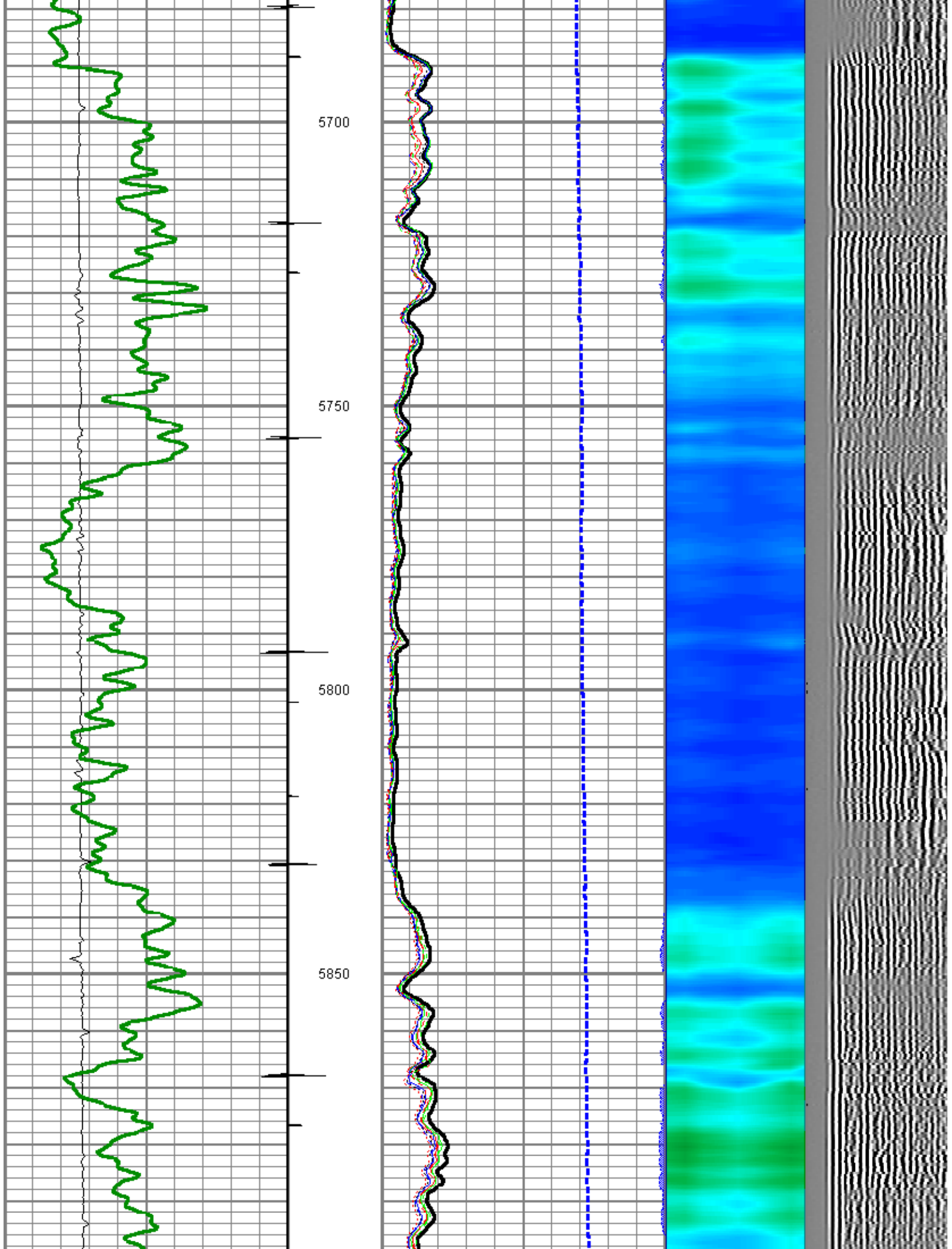


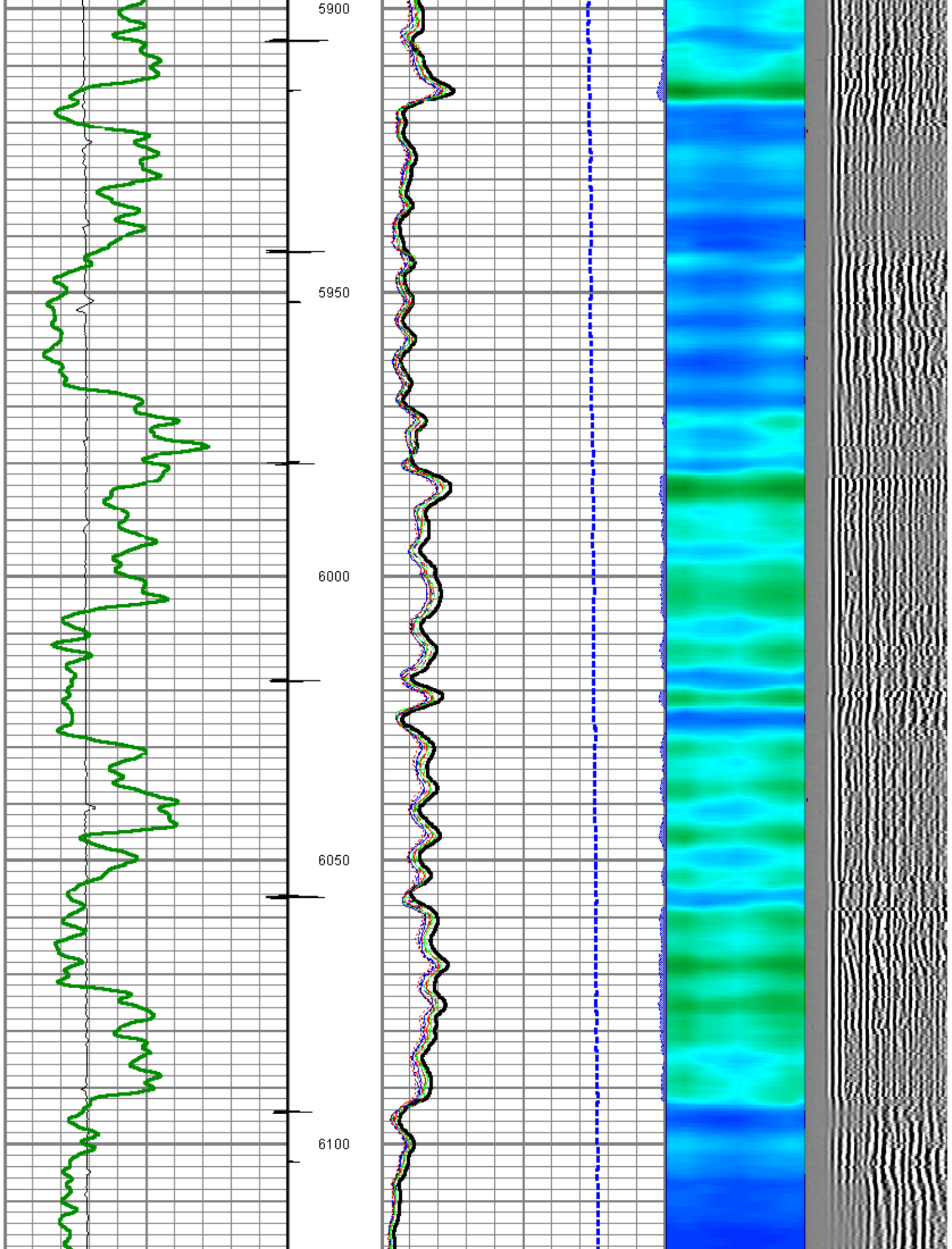


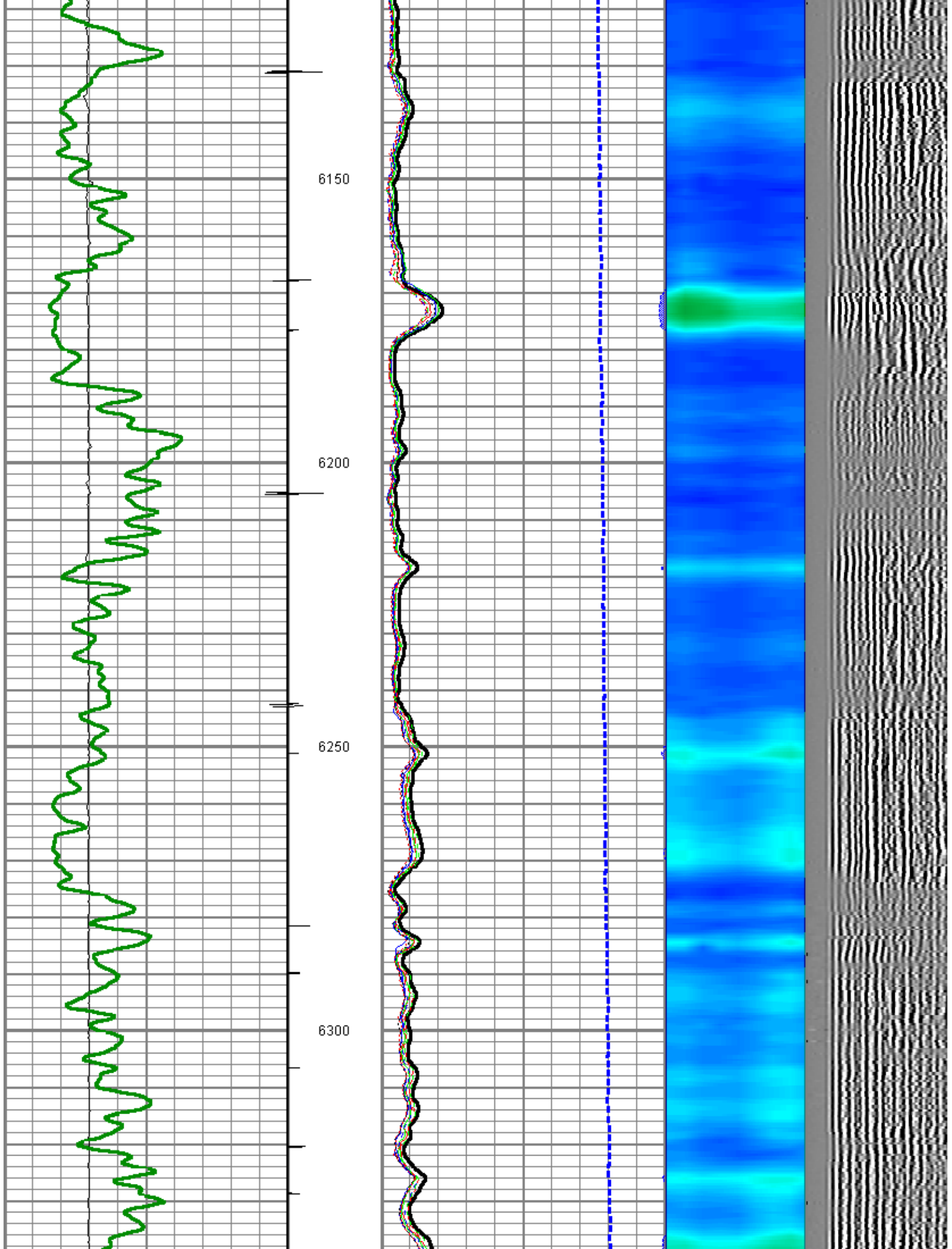


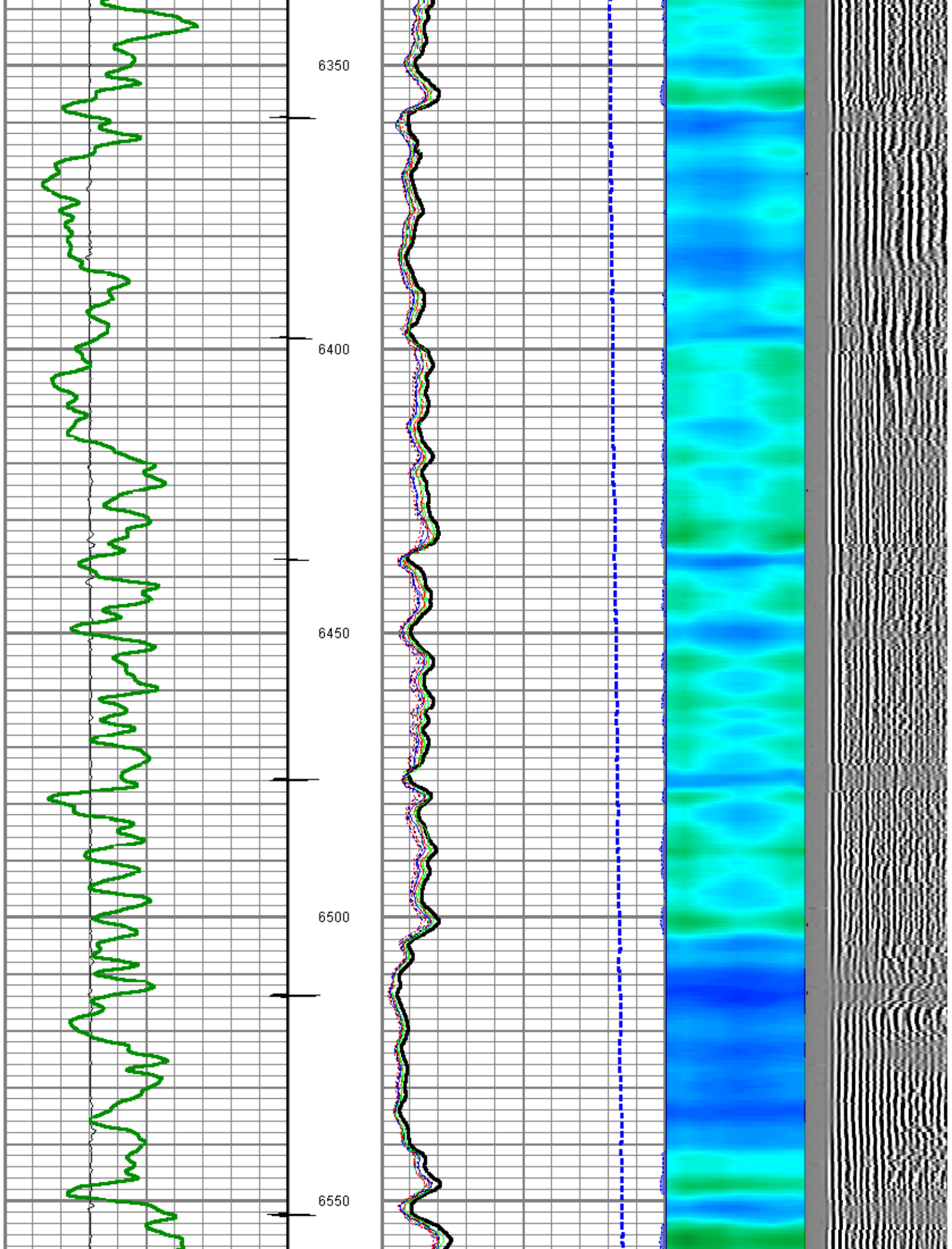


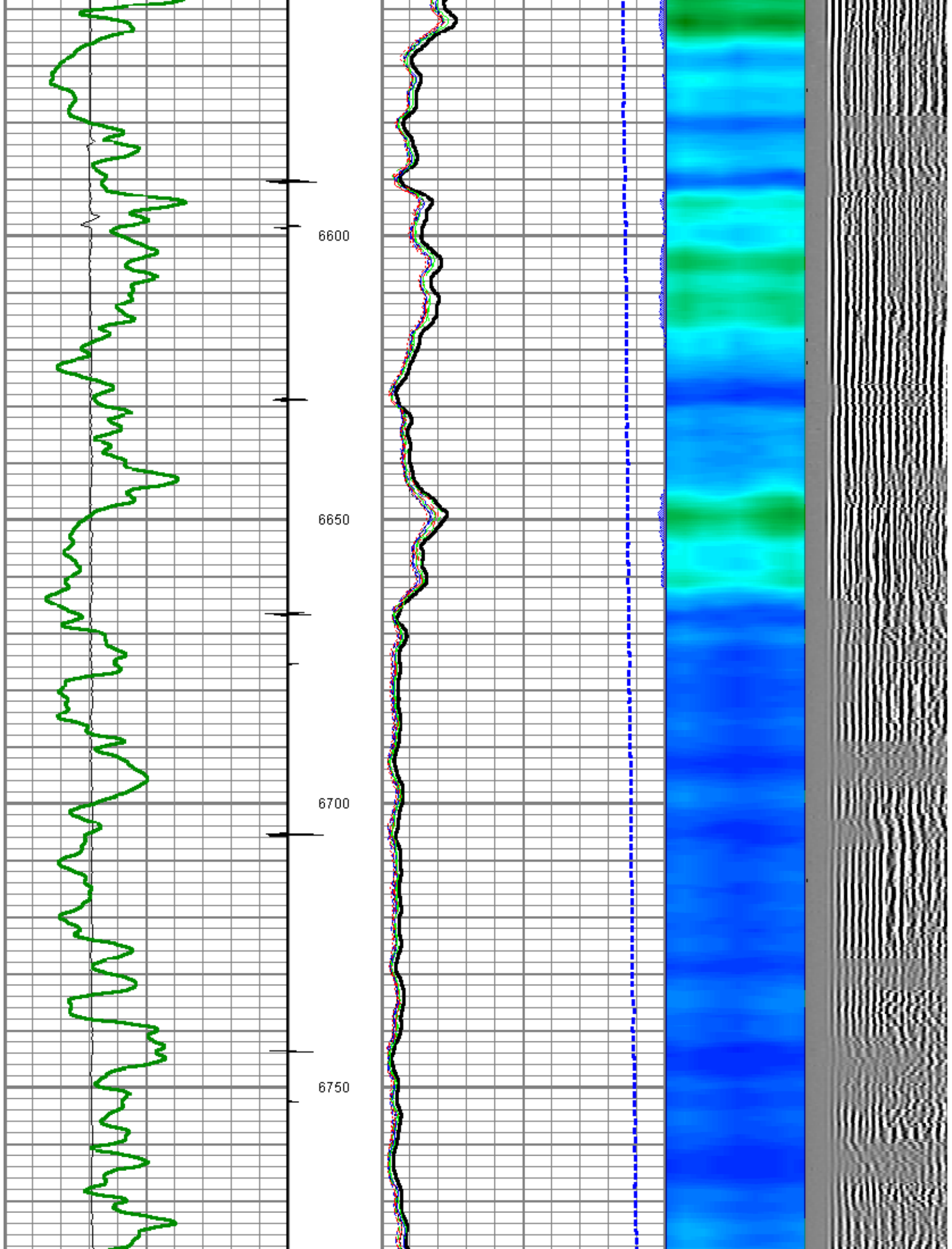


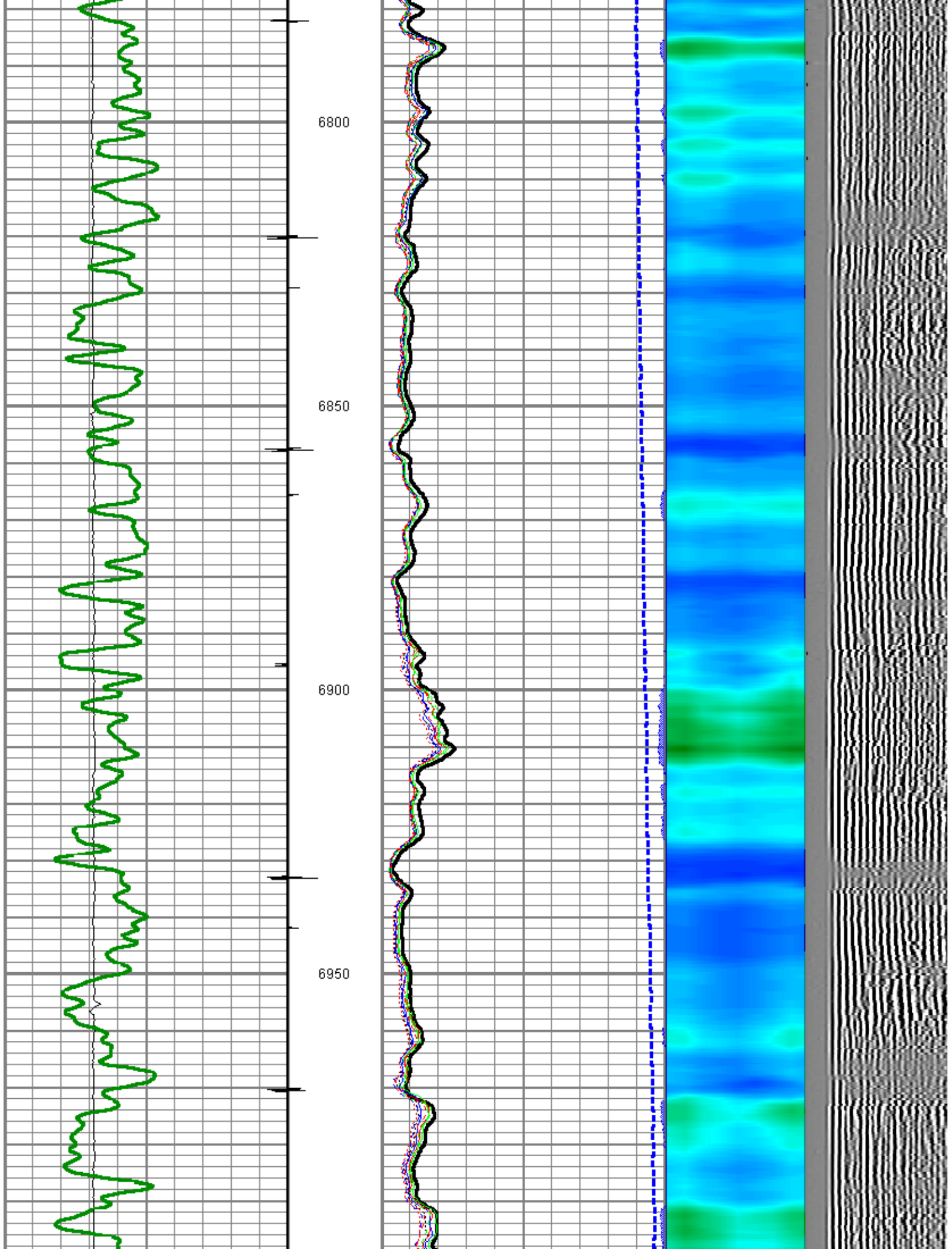


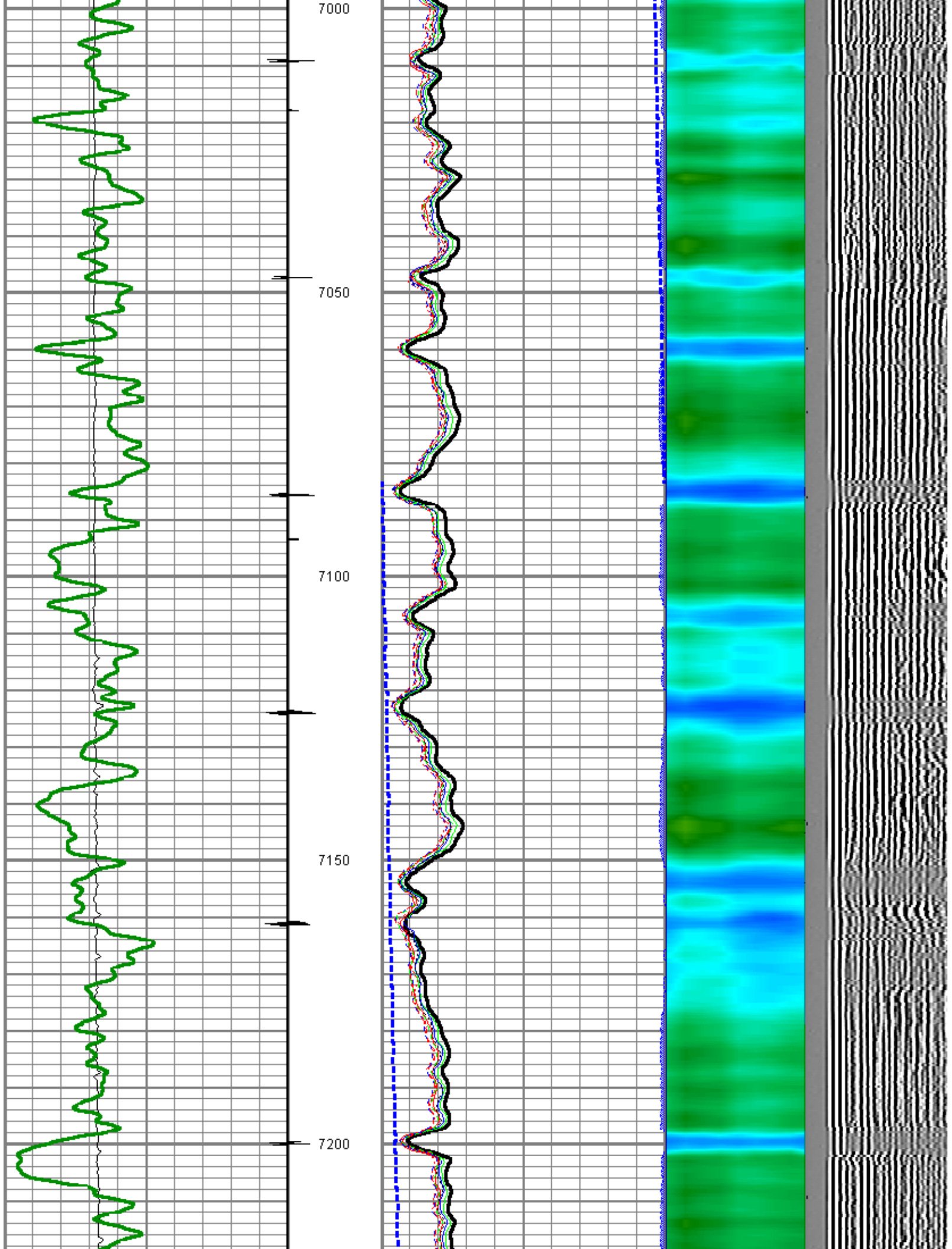


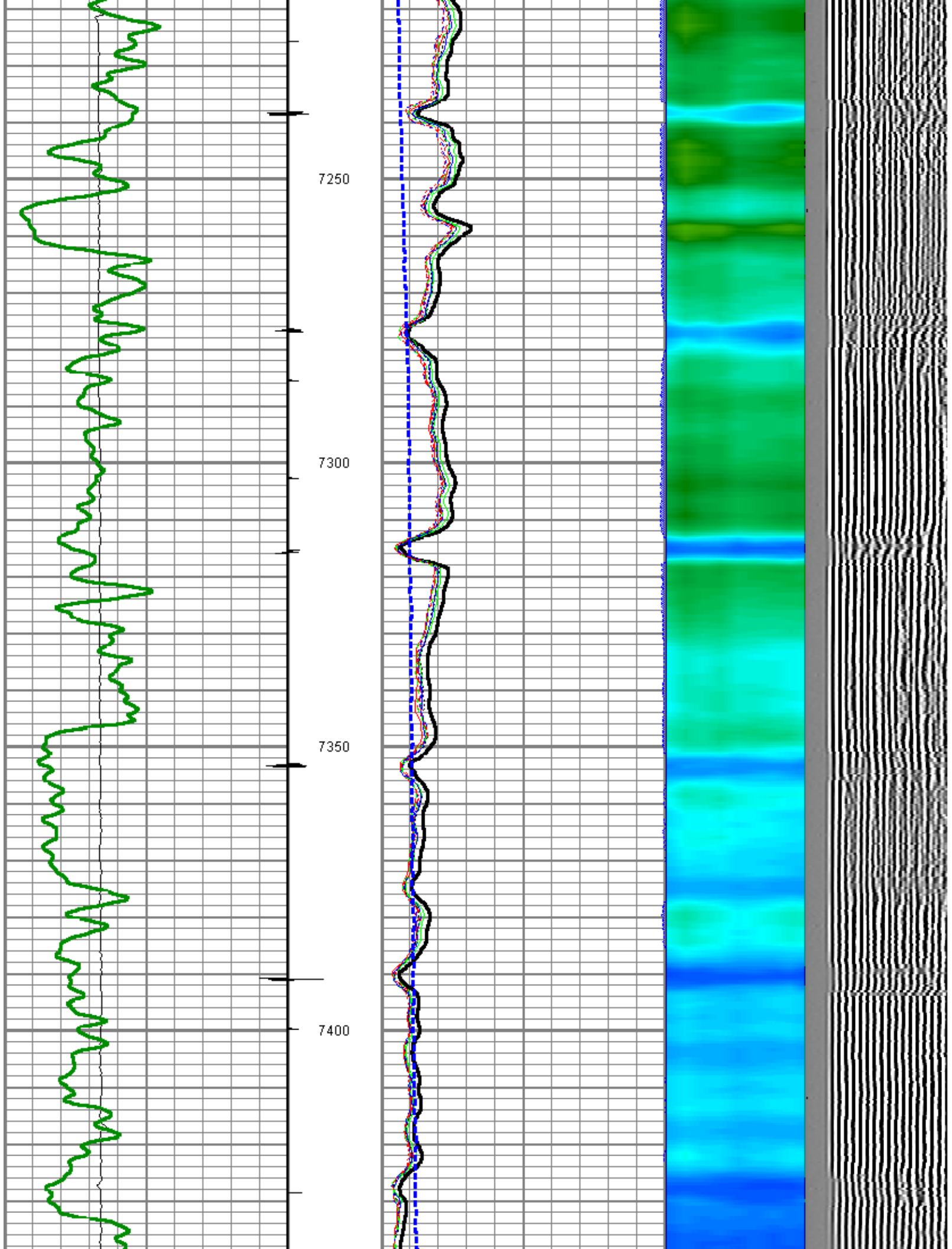


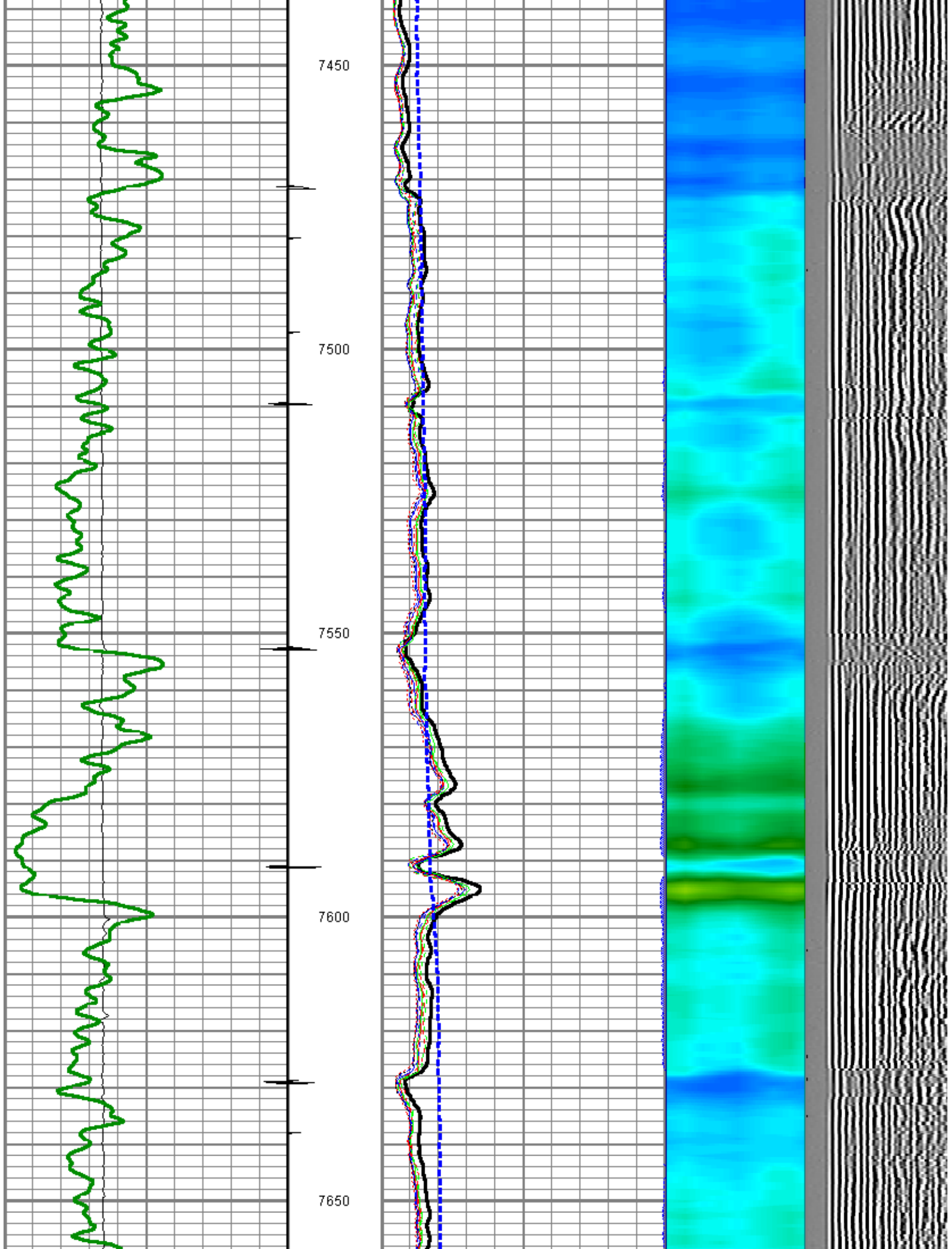


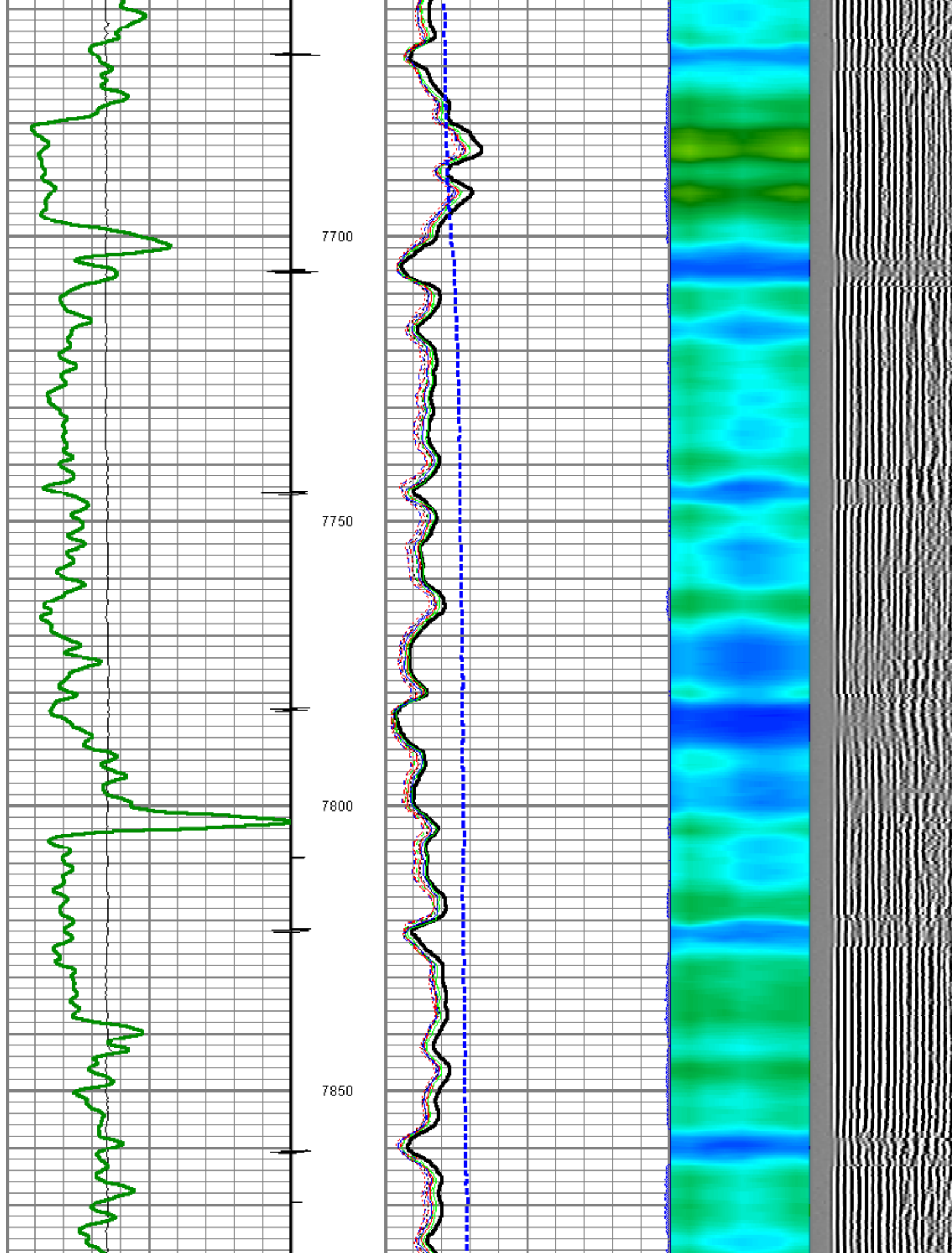


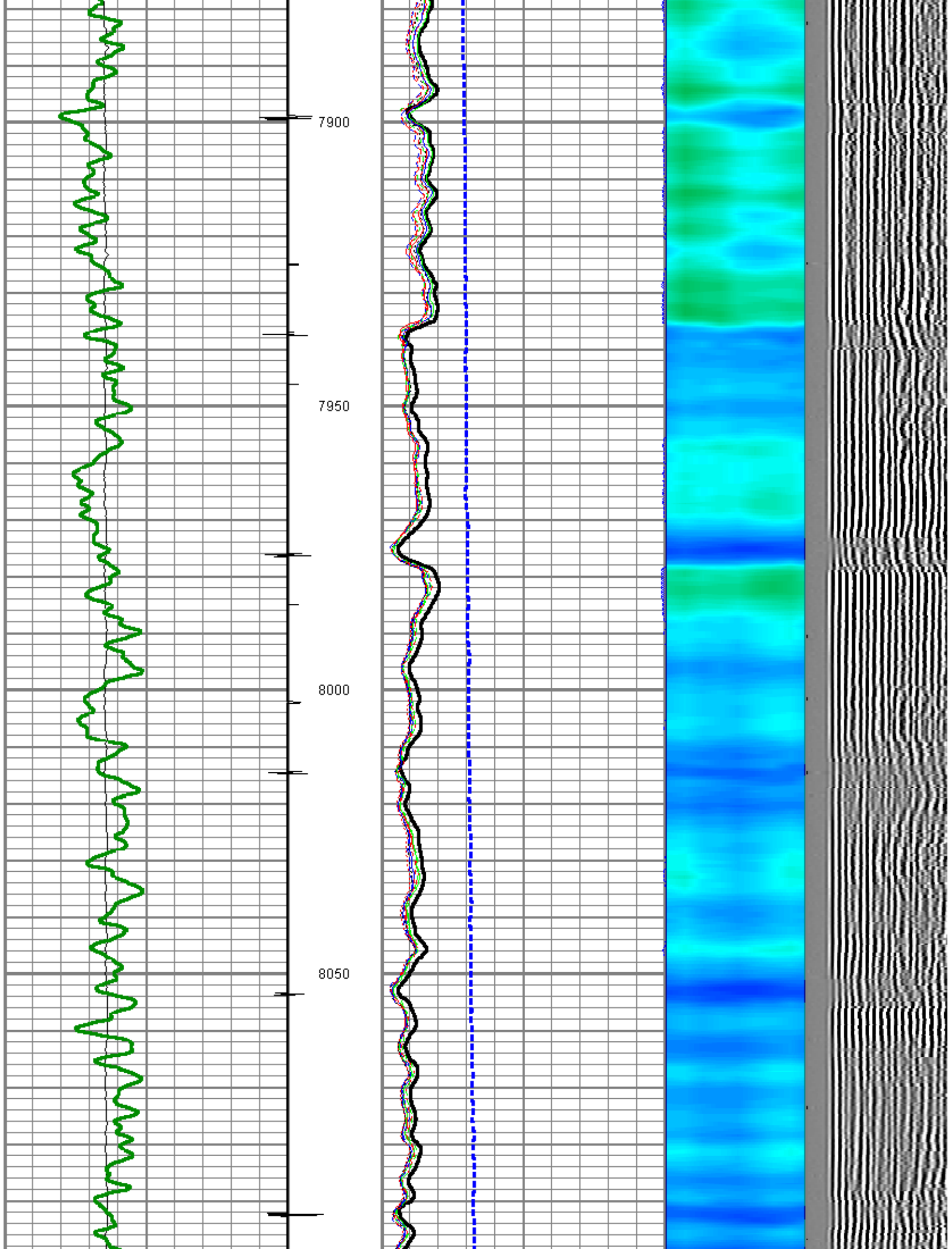


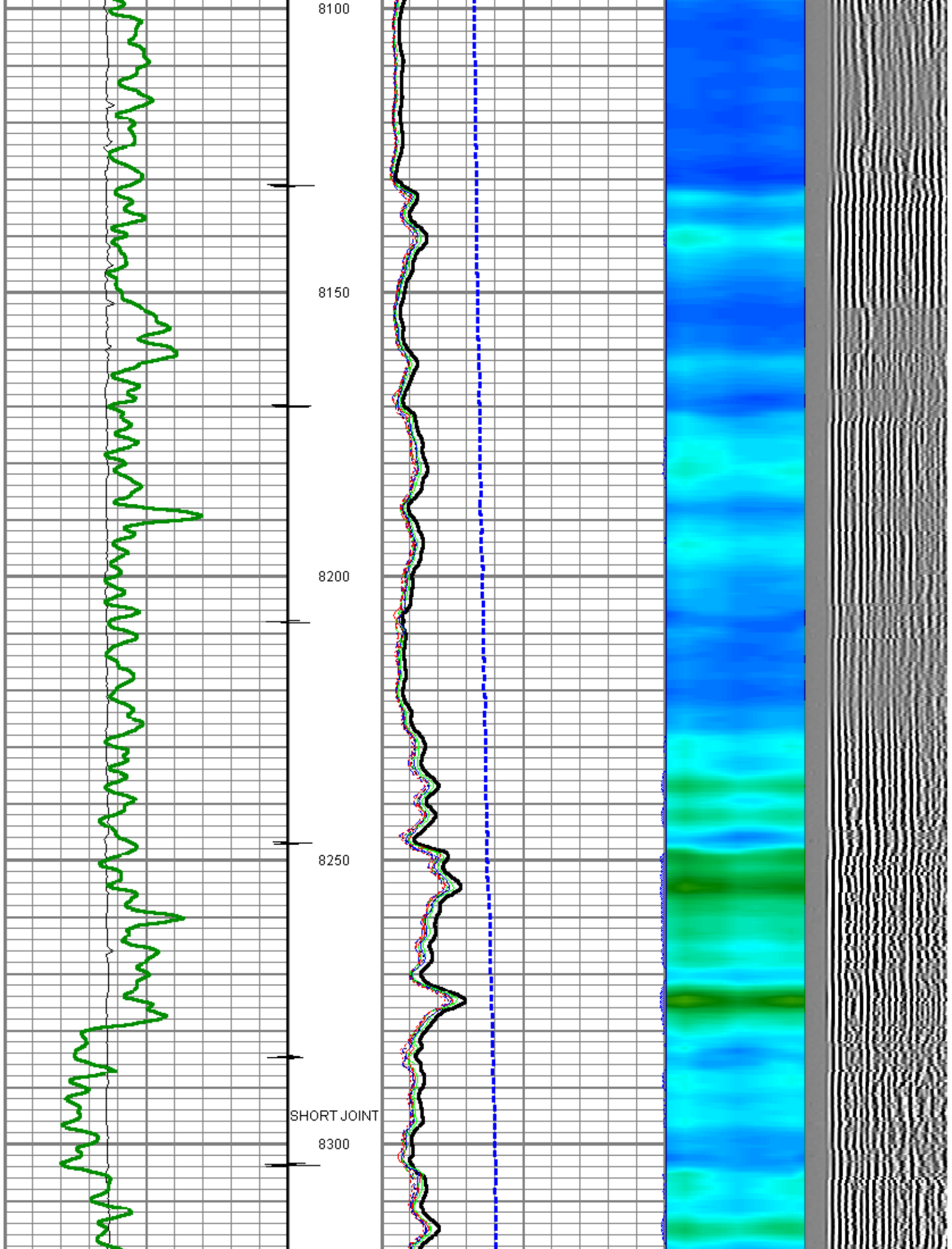


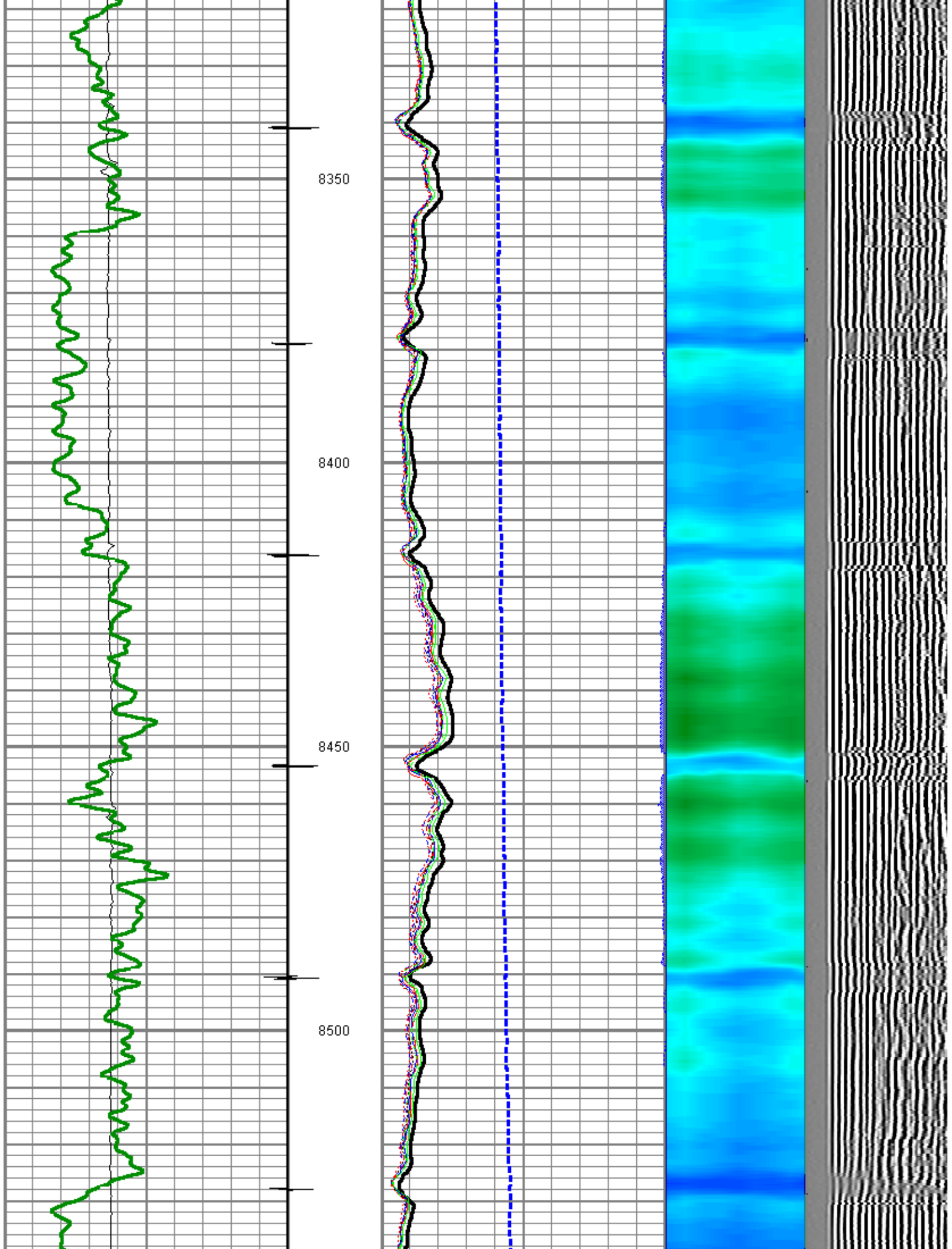


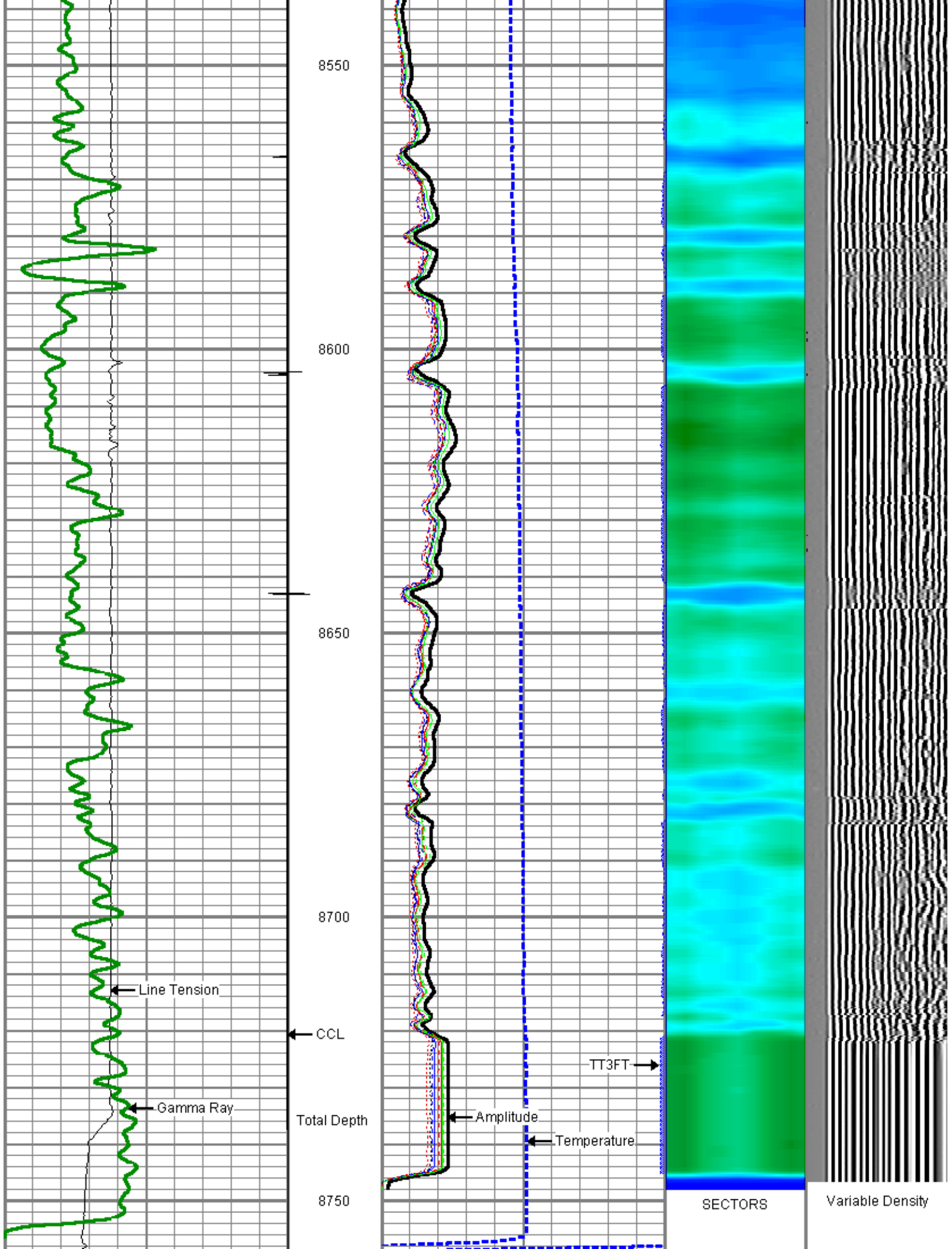









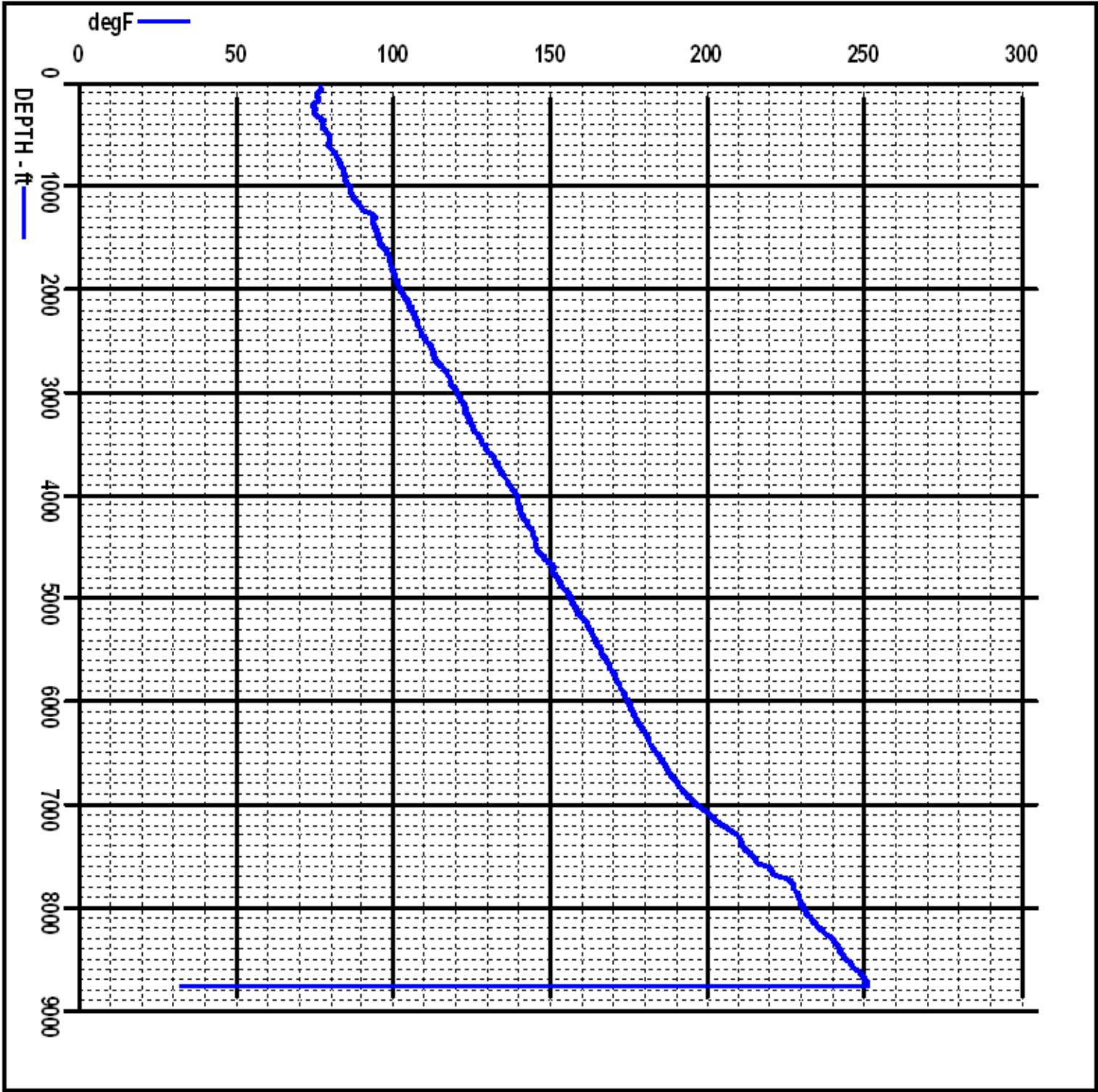




0	LTEN (lb)	4000	0	Amplitude (mV)	100	1	SECTORS	8	Variable Density	
0	GR (GAPI)	200	0	TT3FT (usec)	220	0		70	200	1200
		CCL	0	TEMP (degF)	100					



TEMPERATURE PLOT



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

				TITAN	1.02	1.44	1.00
CCL	21.68			SNDX_CCL-SNDX_3_13_CCL (000001) CSS Gamma Ray/CCL (CCL Section)	1.92	3.13	11.02
				SONDEX	2.71	2.75	32.00
WVFS3FT	13.92						
WVFS1	13.92			SNDX_RBT-007 (000002) Radial Bond Tool - Analog 3 1/8	9.47	3.13	140.00
WVFS2	13.92						
WVFS3	13.92						
WVFS4	13.92						
WVFS5	13.92						
WVFS6	13.92						
WVFS7	13.92						
WVFS8	13.92						
WVFS5FT	12.92						
				SONDEX	2.71	2.75	32.00
GR	5.17			SNDX_GR-SNDX_3_13_GR (000001) Sondex Production Gamma Ray	2.94	3.13	22.05
				TEMP-SNDX_TEMP (SNDX_TEMP_01) Sondex Production Temperature Tool	3.14	1.63	10.00
TEMP	0.58						
Dataset: a_rob_c_cbl.db: field/well/run1/pass3 Total Length: 23.90 ft Total Weight: 248.07 lb O.D. 3.13 in							





Company	ANTERO RESOURCES CORPORATION
Well	ROBINSON C14
Field	MAMM CREEK
County	GARFIELD
State	COLORADO