



CEMENT BOND LOG

Mesa Wireline

Company	ANTERO RESOURCES CORPORATION		
Well	GYPSUM RANCH B4		
Field	MAMM CREEK		
County	GARFIELD		
State	COLORADO		
Company	ANTERO RESOURCES CORPORATION	Well	GYPSUM RANCH B4
Field	MAMM CREEK	County	GARFIELD
State	COLORADO	Location:	API #: 05045160360000
Location:	SURFACE HOLE: 0751' FNL & 1896' FEL		Other Services
SEC: 14	TWP: 06S	RGE: 93W	NONE
Permanent Datum	GROUND LEVEL	Elevation	5323'
Log Measured From	KELLY BUSHING = 22 FT	K.B.:	5345
Drilling Measured From	KELLY BUSHING	D.F.:	5344'
		G.L.:	5323

Date	16 JUL Y 2008
Run Number	ONE
Depth Driller	9237
Depth Logger	9202
Bottom Logged Interval	9202
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.34#
Max. Recorded Temp.	267 DEG F
Estimated Cement Top	5670'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	ST0501/RBT02
Location	GRAND JUNCTION
Recorded By	D. SOLIS
Witnessed By	H. RAY

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
N/A				N/A			
Casing Record		Size		Wd/Lft		Top	Bottom
Surface String		8.625"		24.0#		SURFACE	1560
Prot. String							
Production String		5.5"		17.0#		SURFACE	9227
Liner							

<<< Fold Here >>>

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

RBT-GR RAN IN COMBINATION.
TEMP TOOL RAN SEPARATELY DUE TO RIG HRIGHT RESTRICTIONS UNDER THE RIG.
NO LOGS AVAILABLE TO CORRELATE TO.
SHORT JOINTS @: 4580' TO 4600' AND 8681' TO 8700'.

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



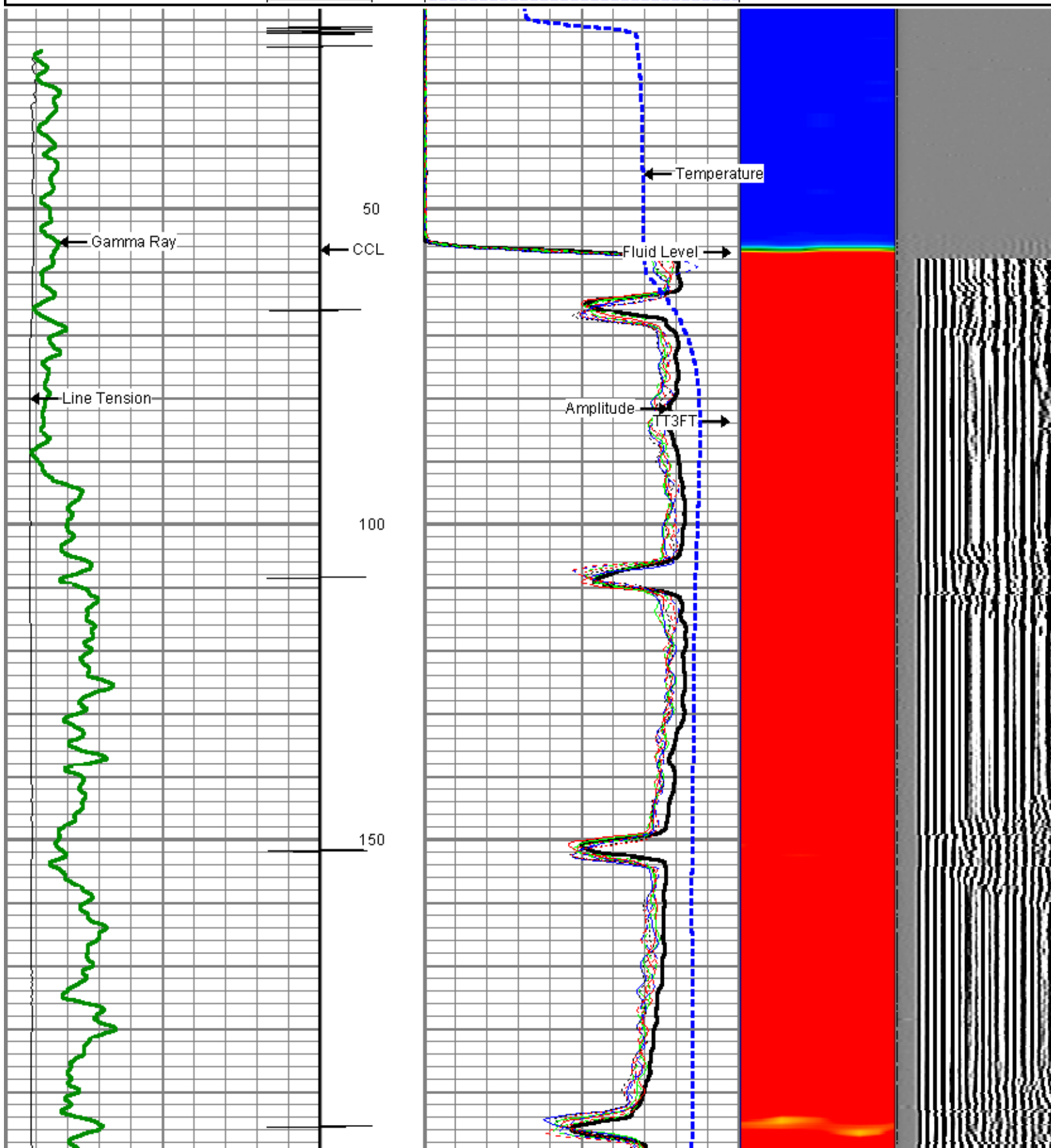
MAIN LOG SECTION

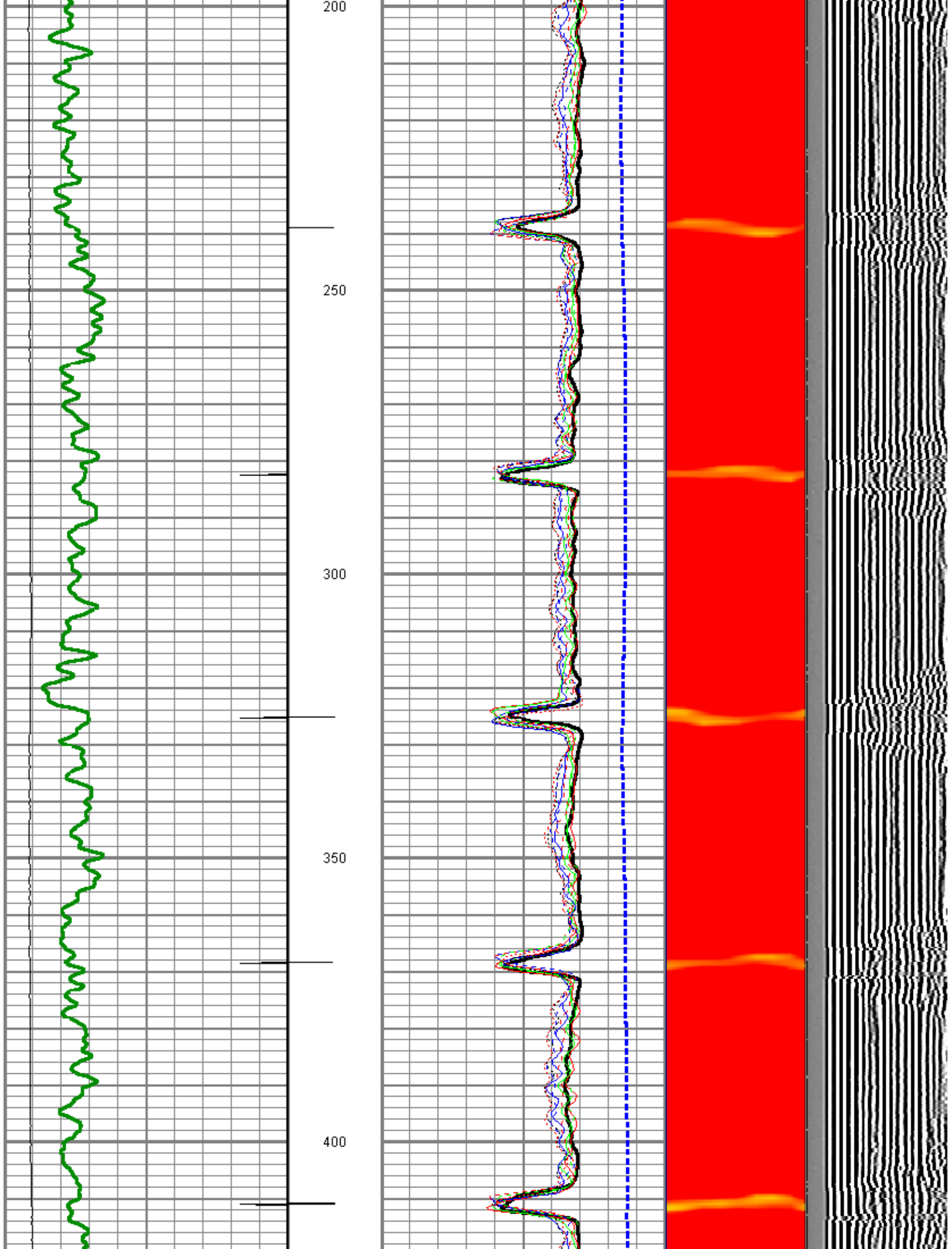
Database File: a_gypranb13.db
 Dataset Pathname: pass6
 Presentation Format: rbt_fin
 Dataset Creation: Wed Jul 16 16:02:36 2008 by Log Std Casedhole 07081
 Charted by: Depth in Feet scaled 1:240

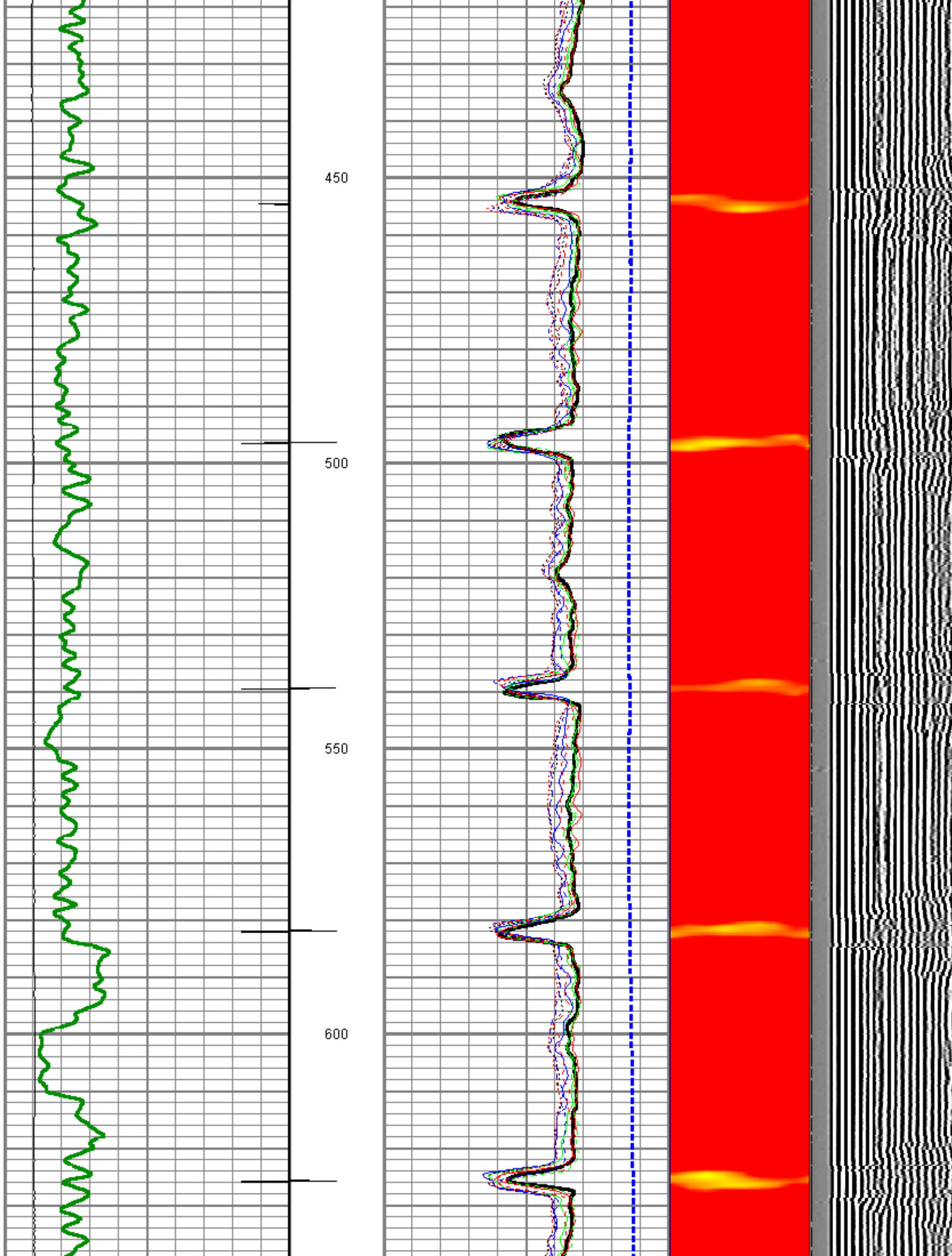
0	LTEN (lb)	4000
0	GR (GAPI)	200
	CCL	

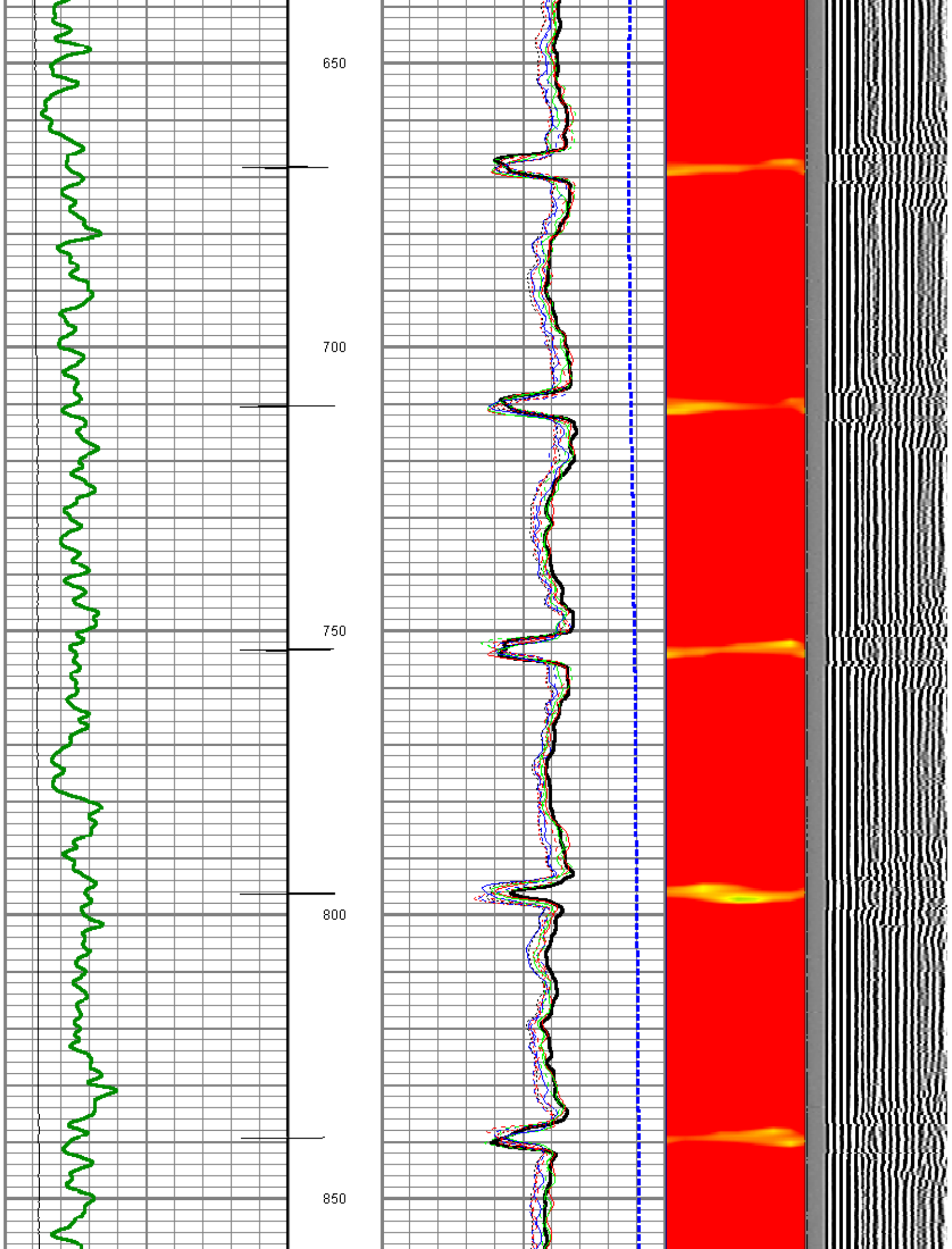
0	Amplitude (mV)	100
0	TT3FT (usec)	207
0	TEMP (degF)	100

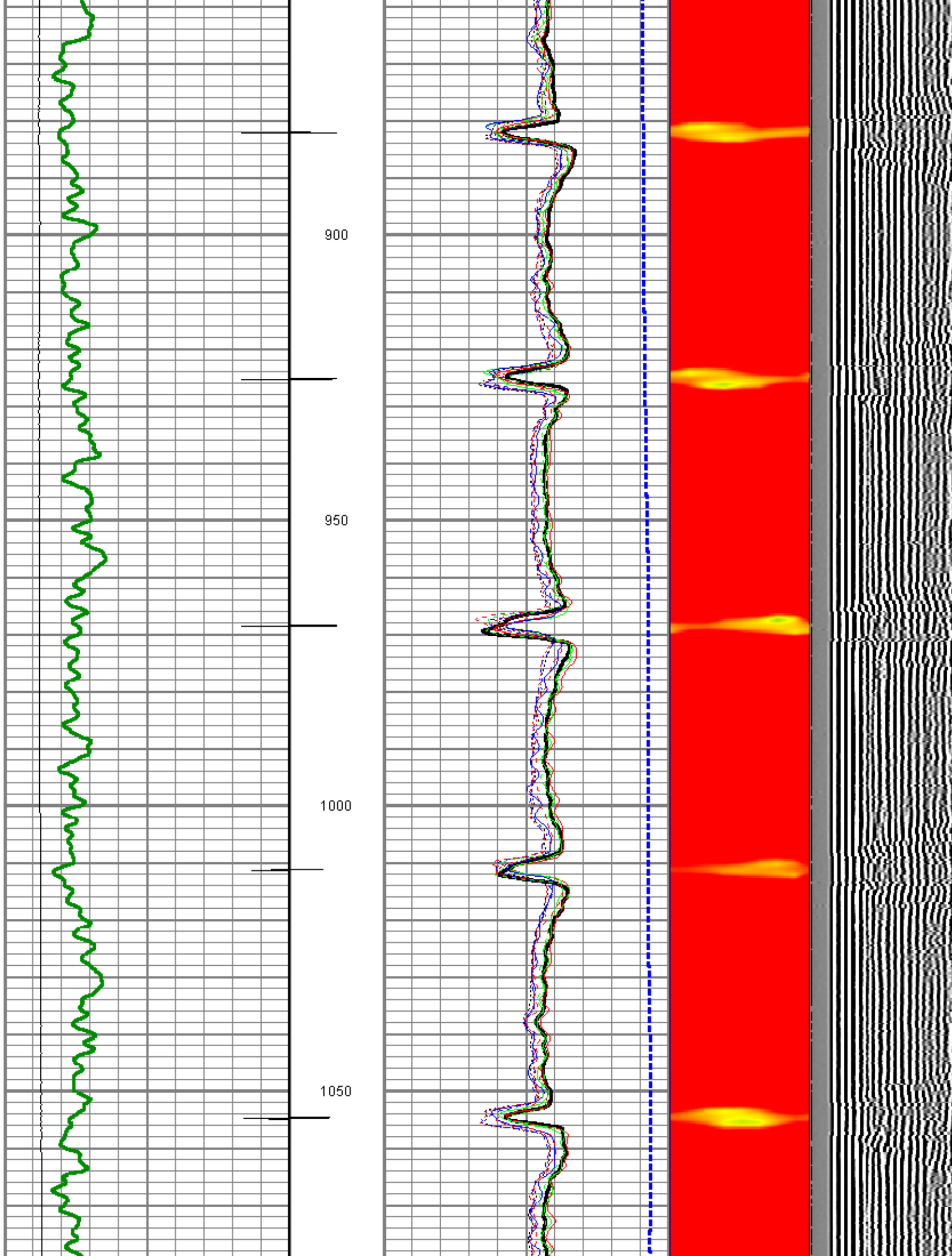
1	SECTORS	8	Variable Density
0		70	200 1200

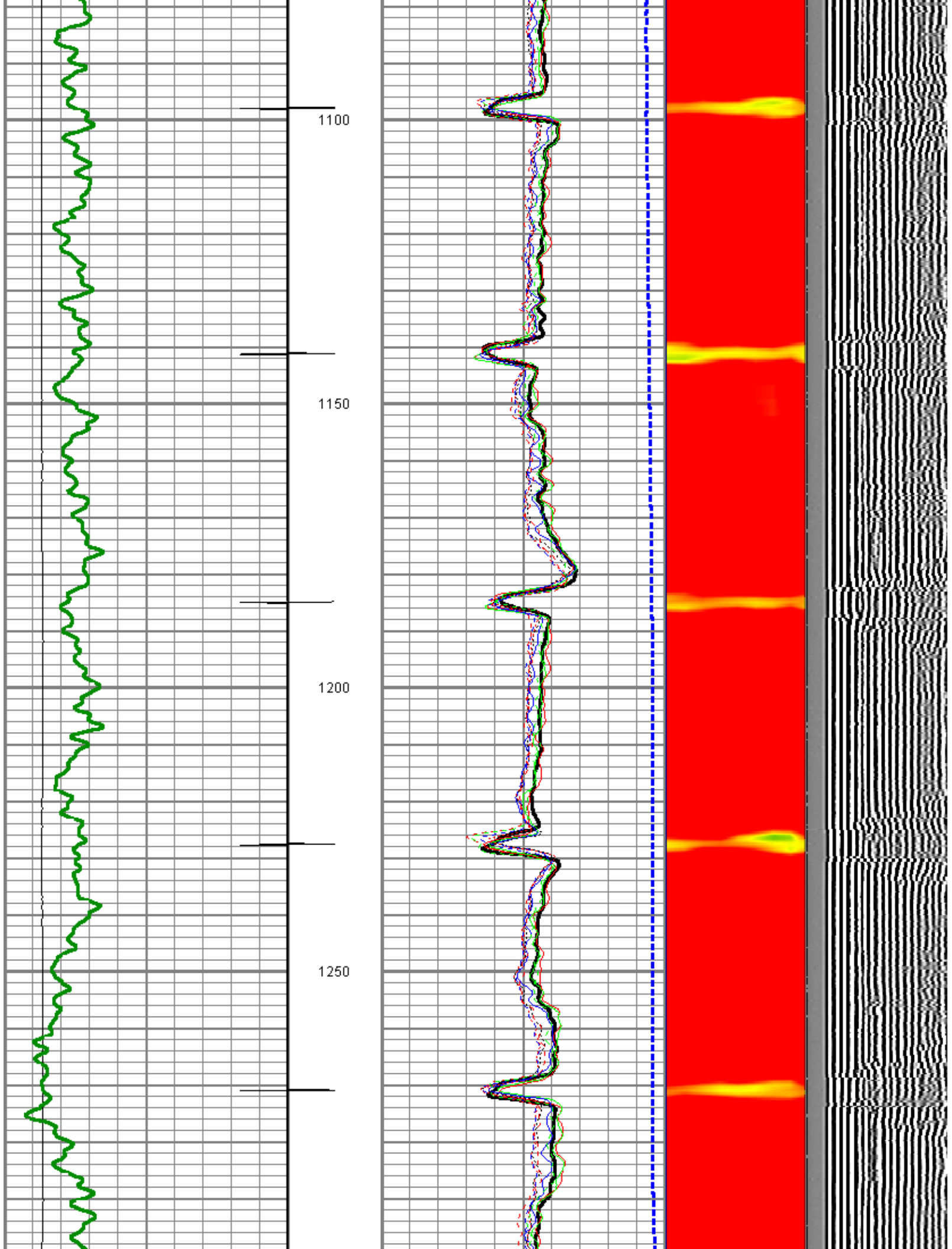


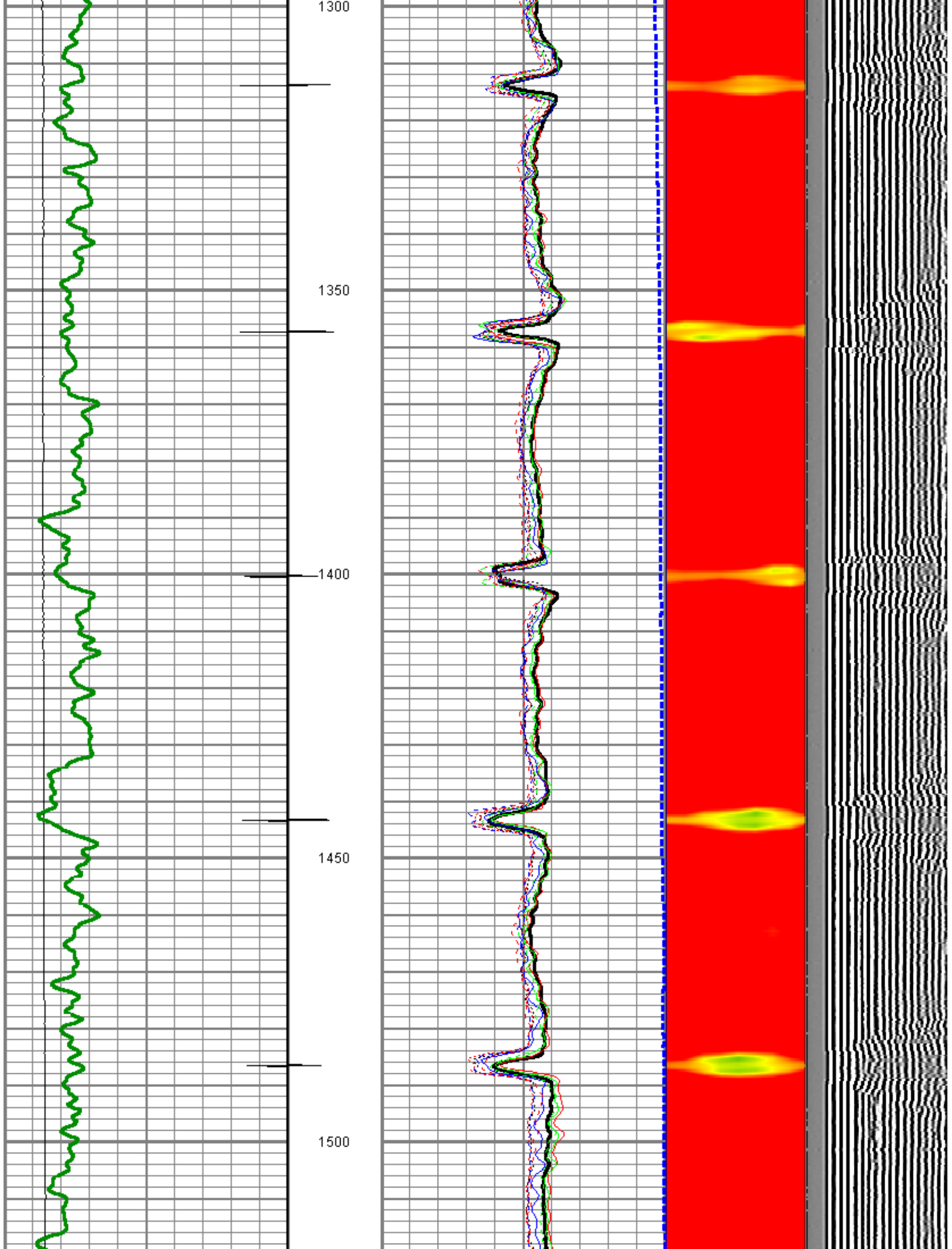


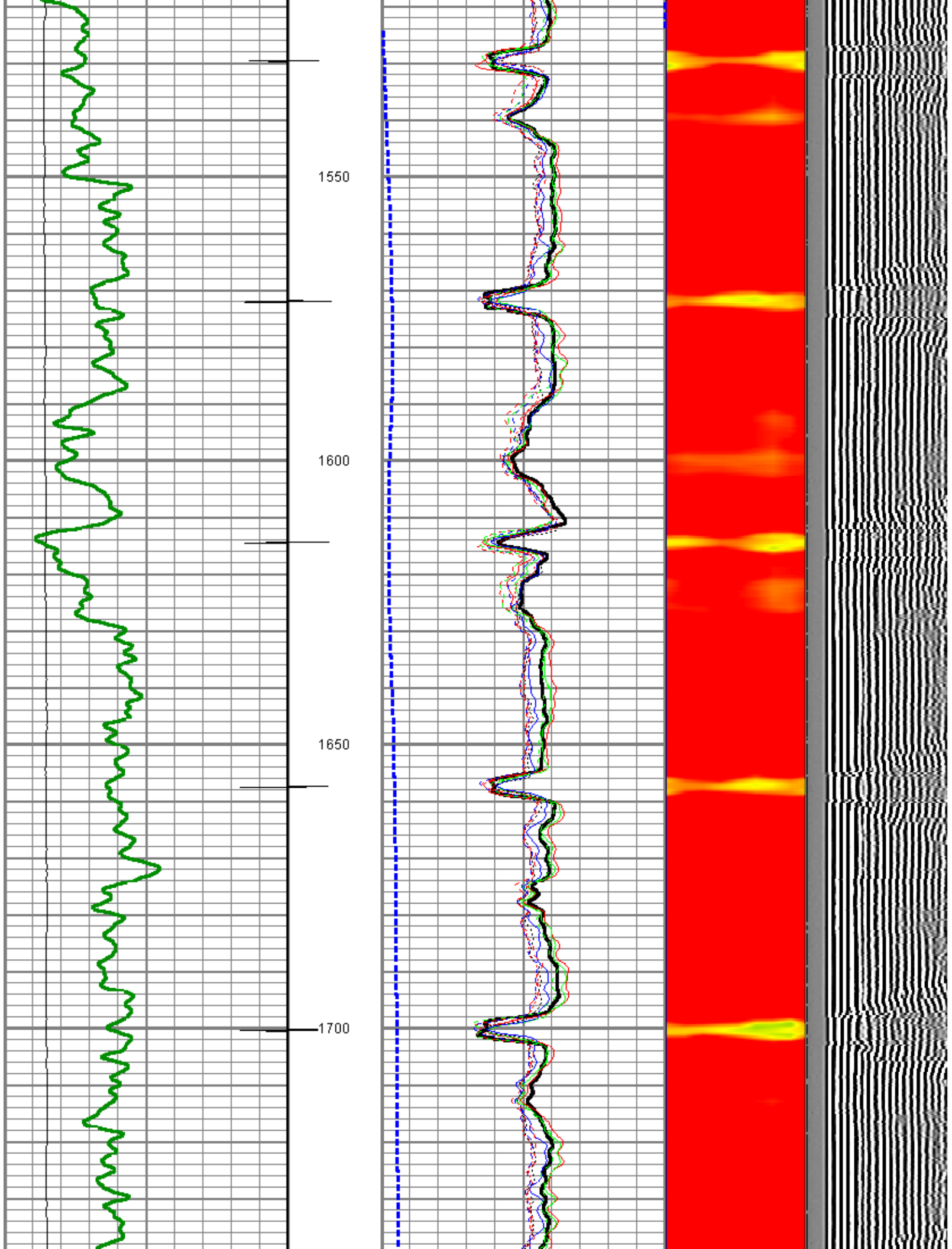


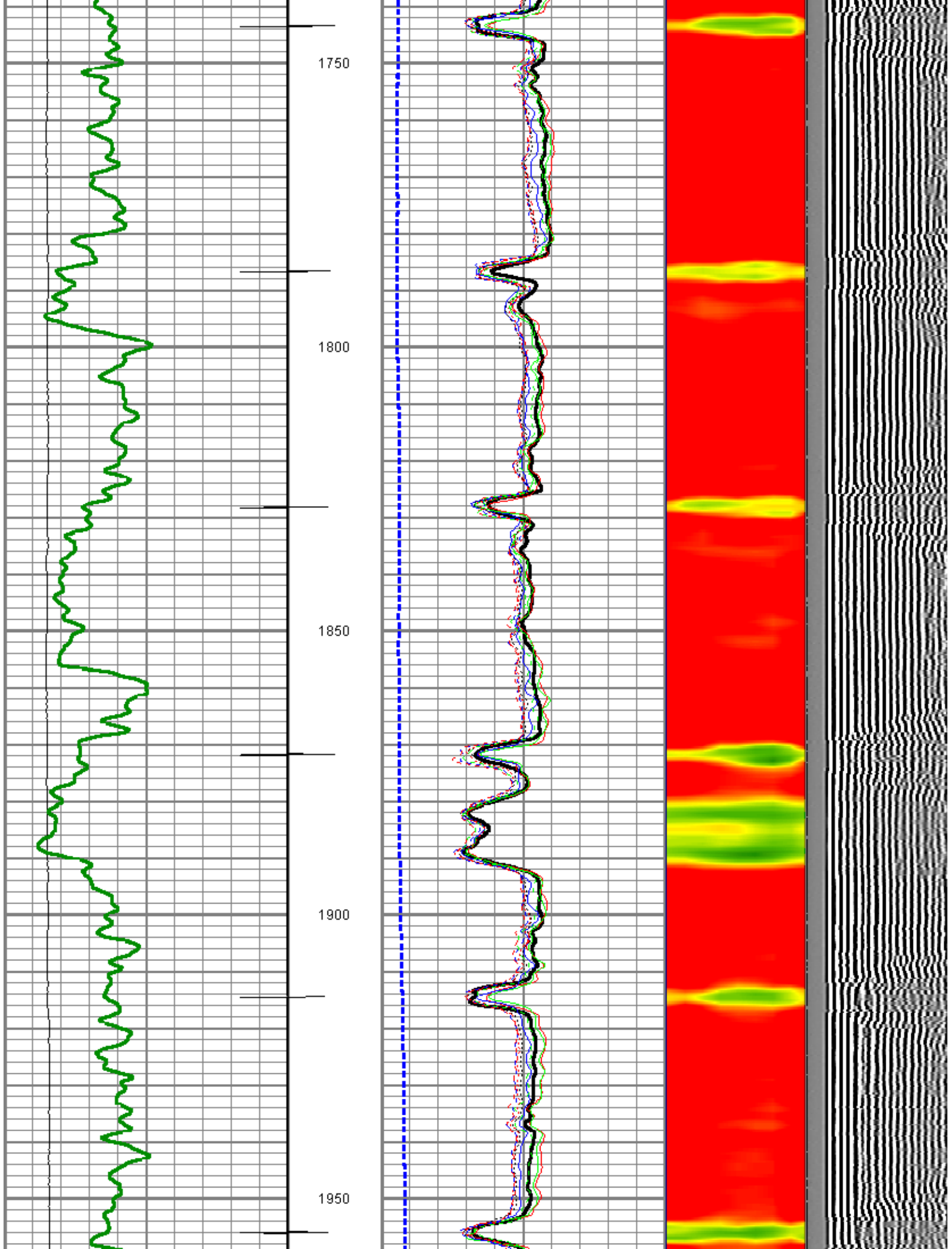


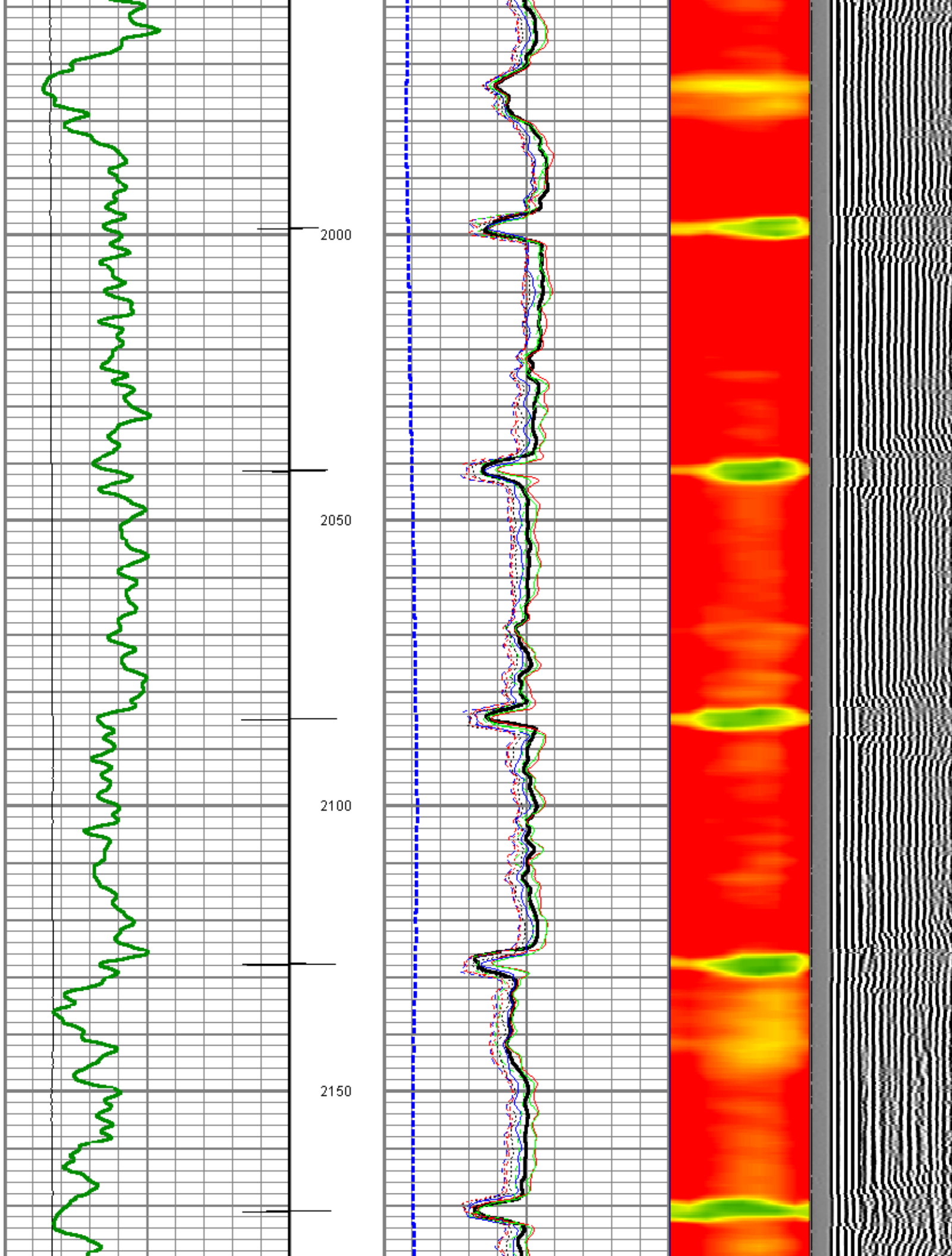


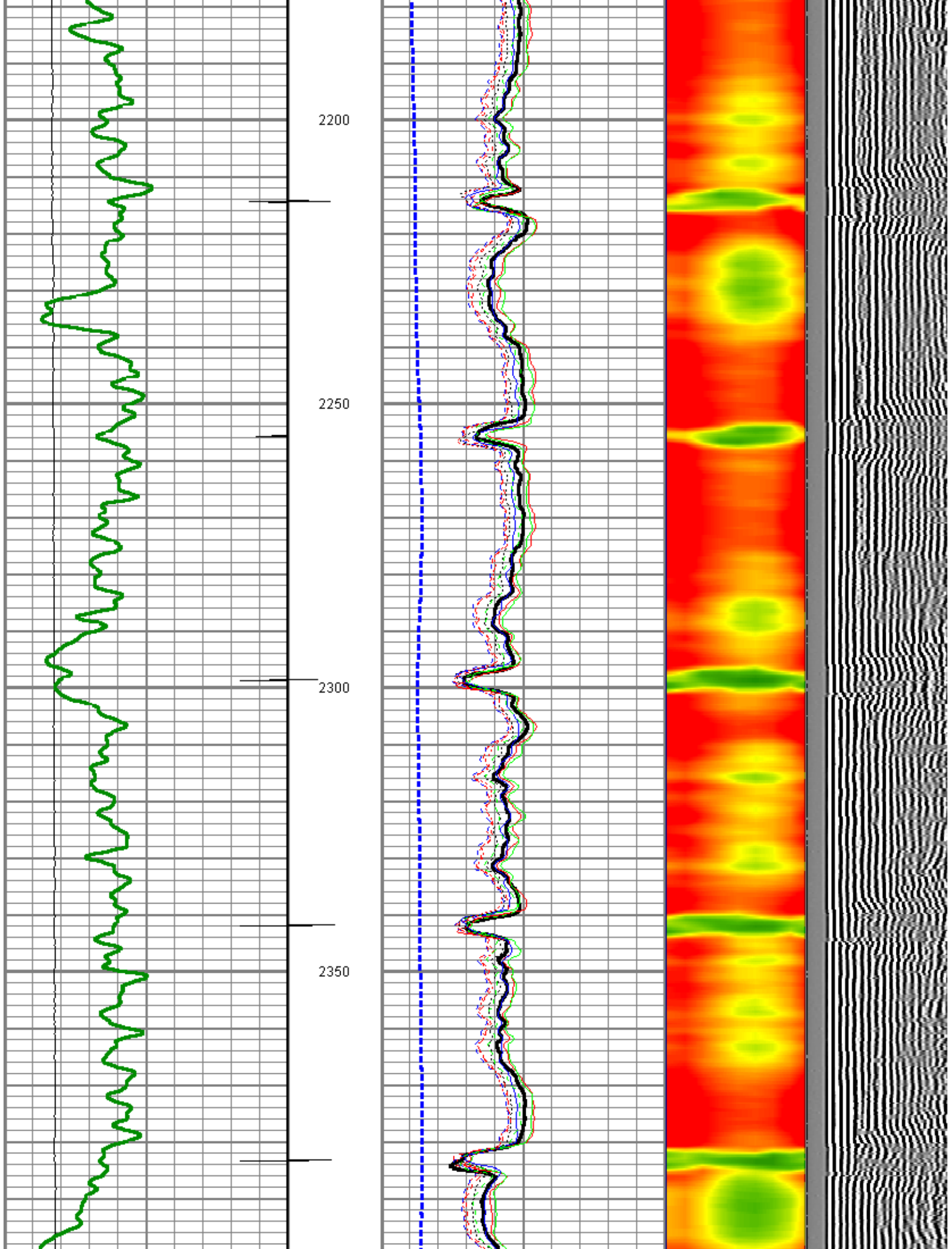


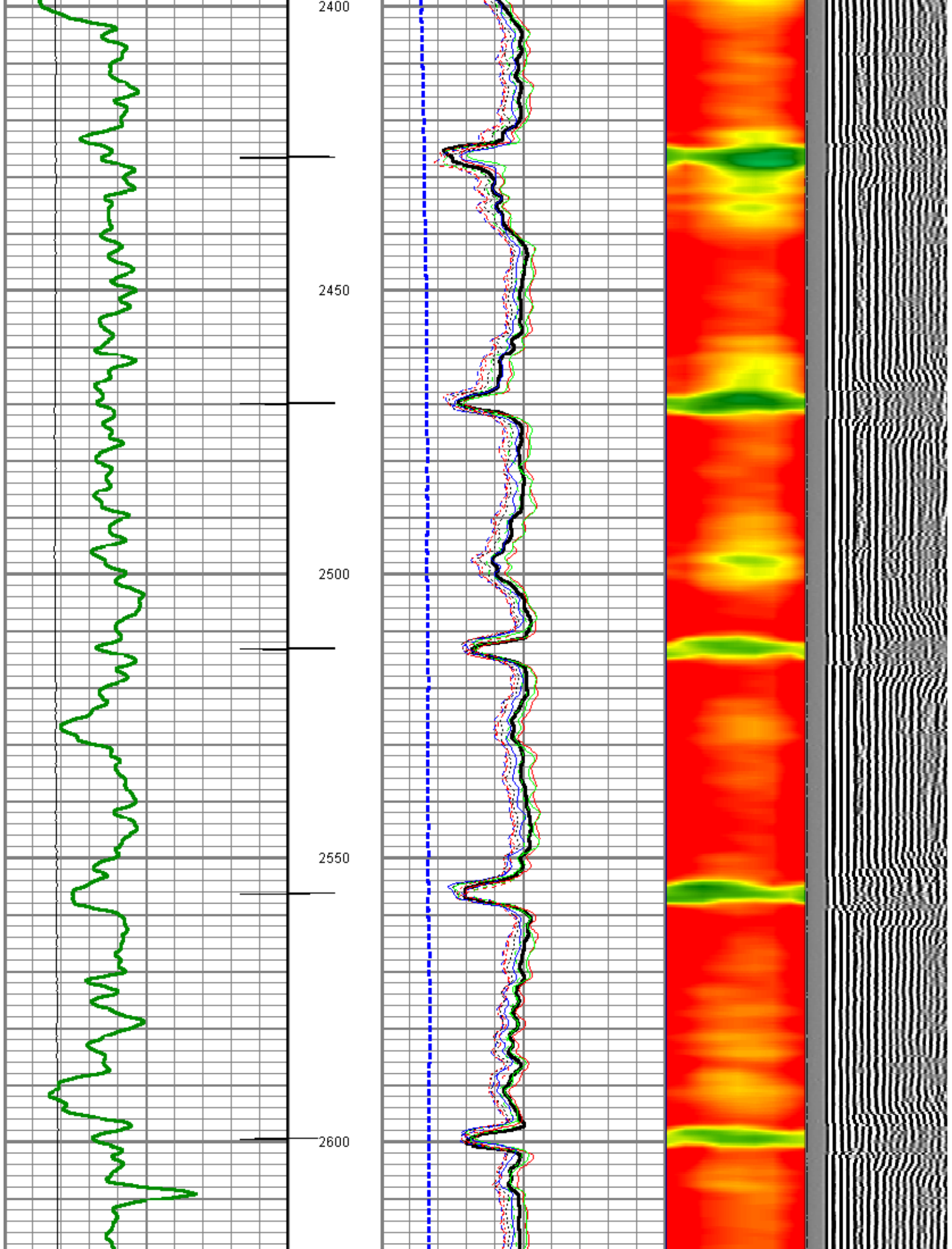


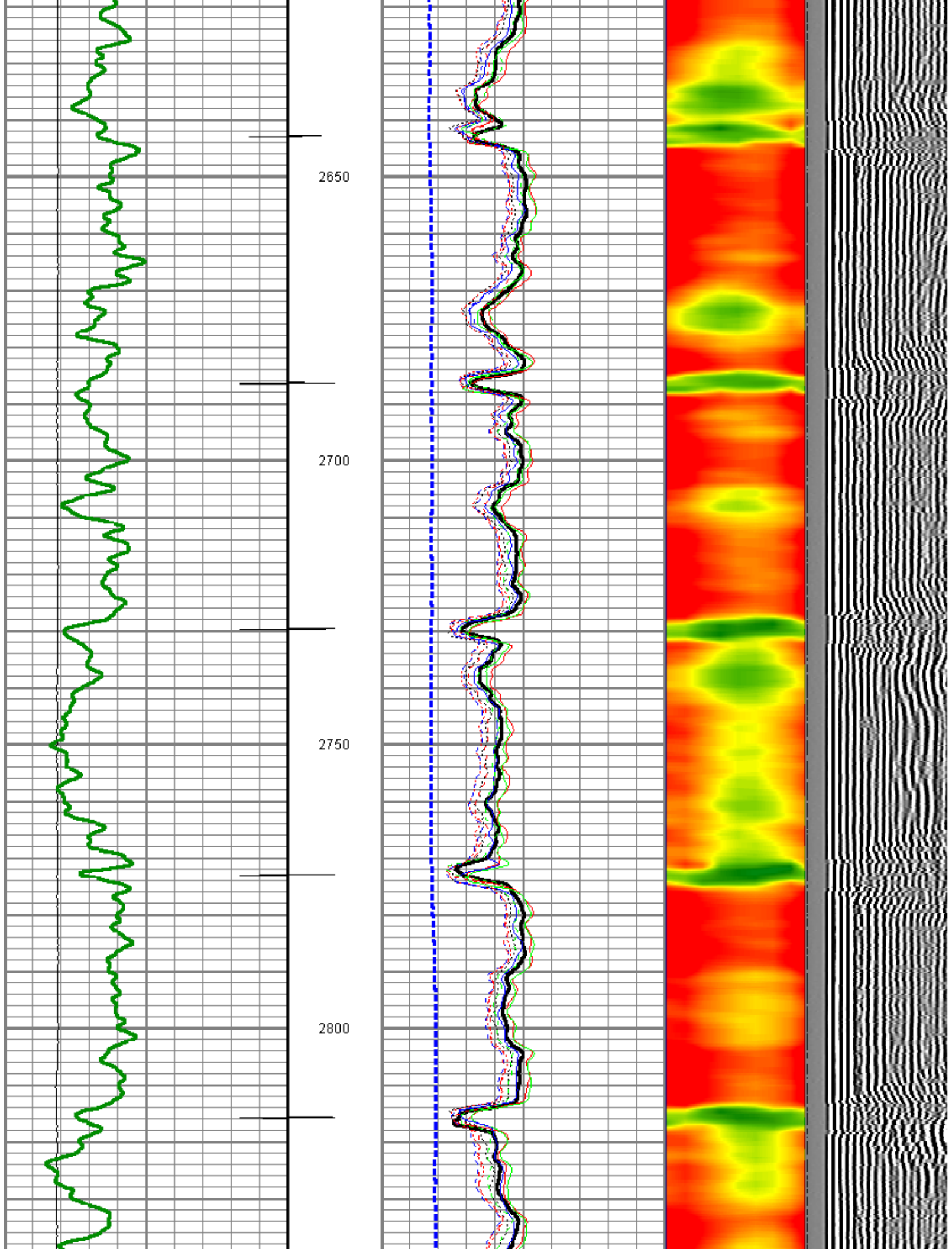


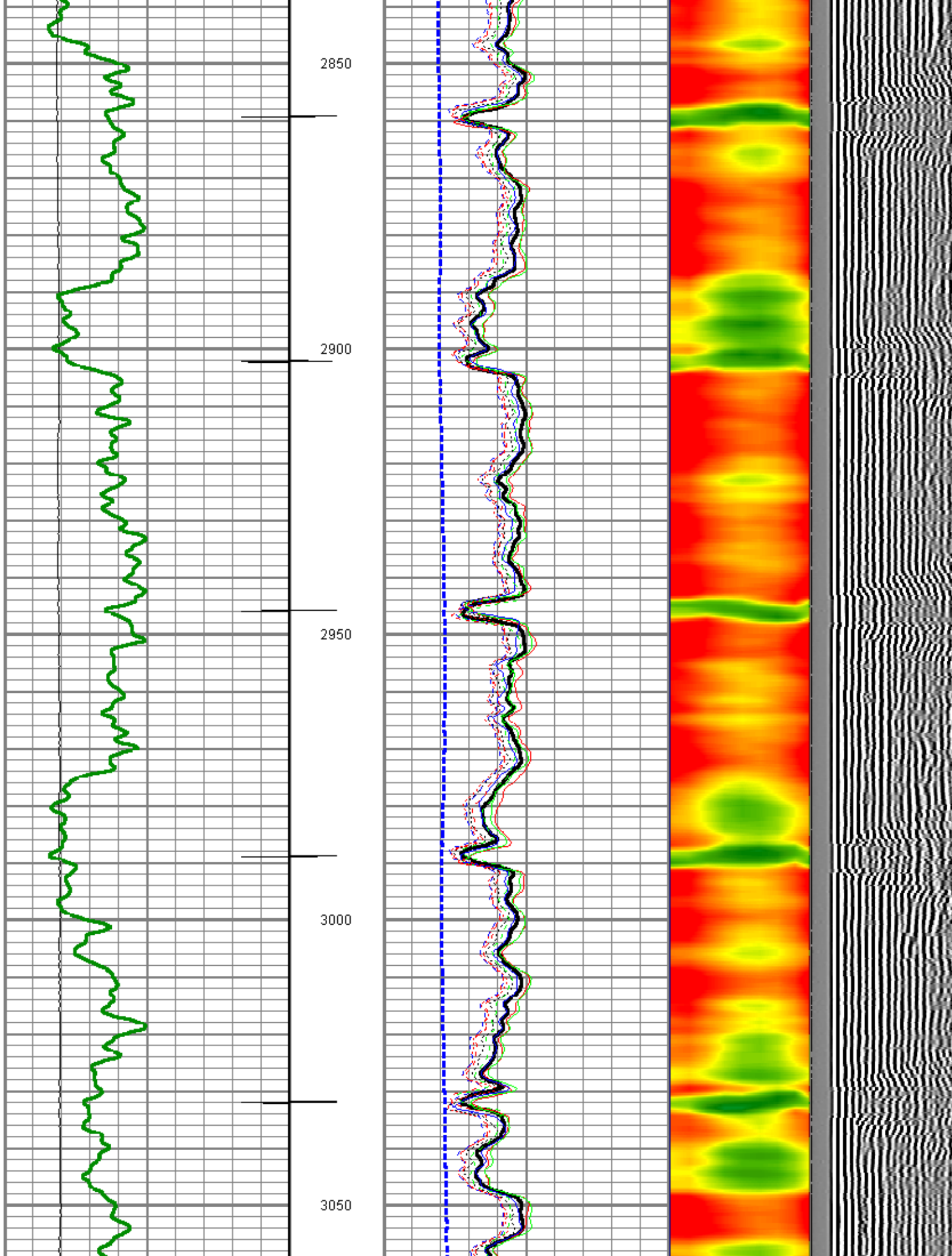


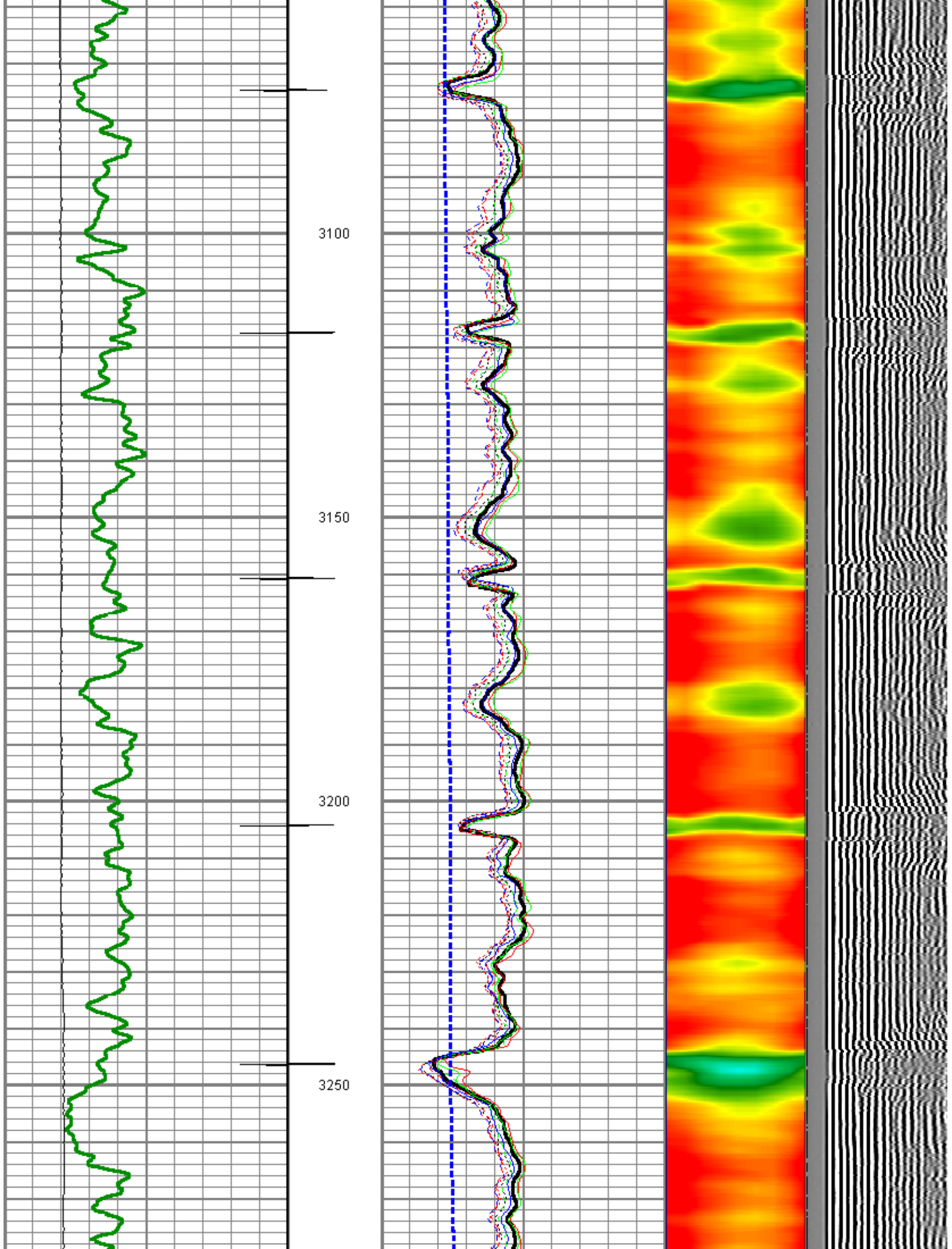


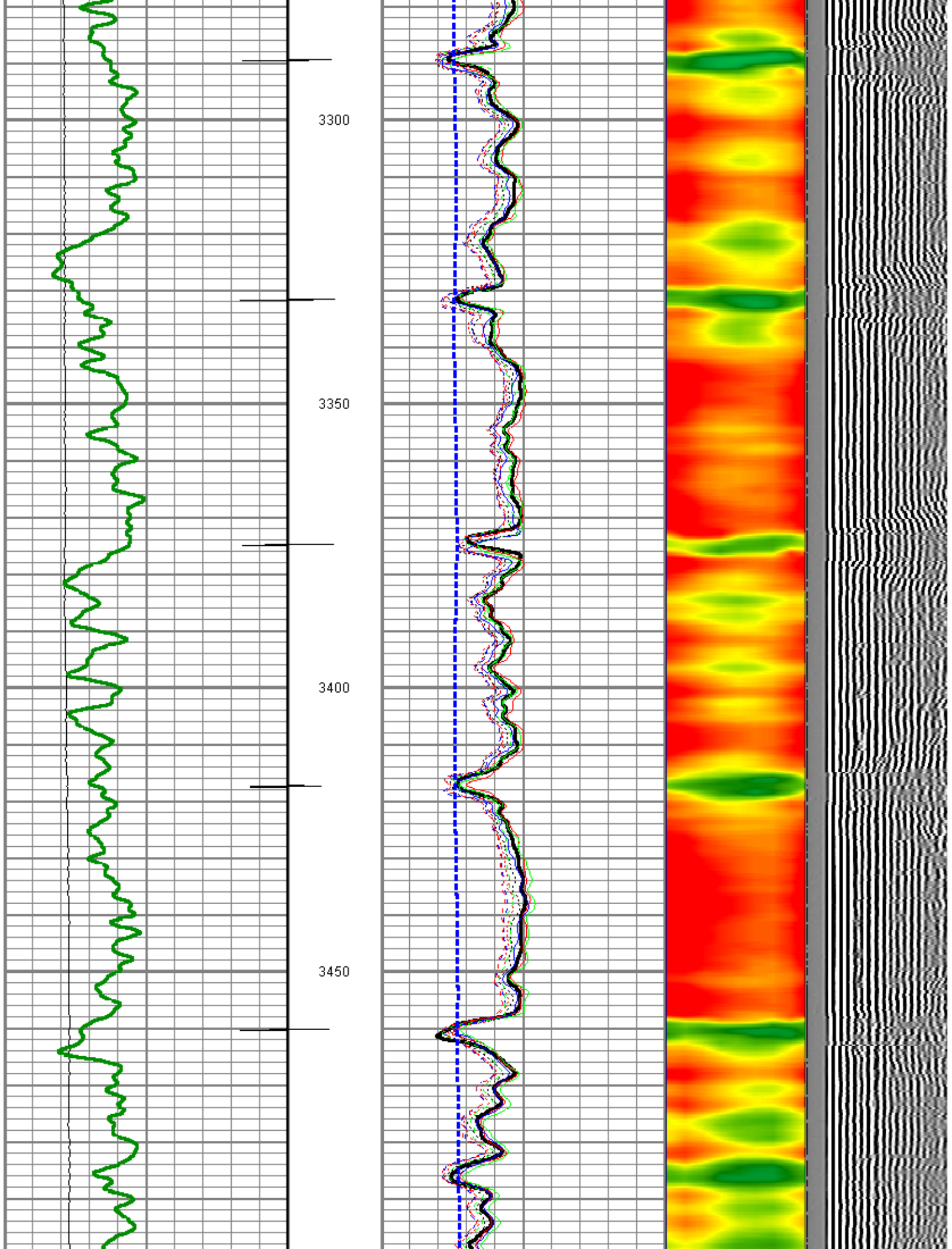


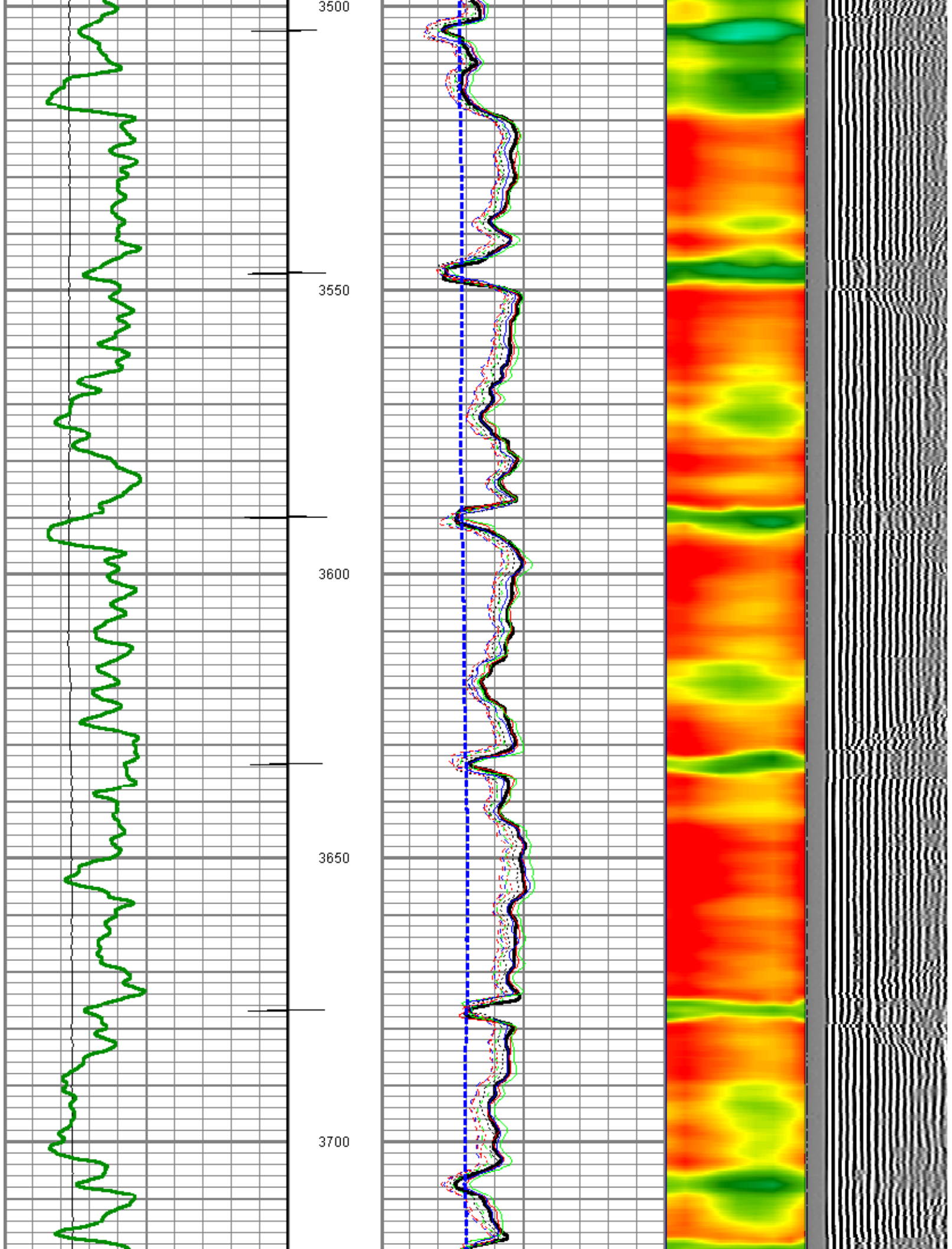


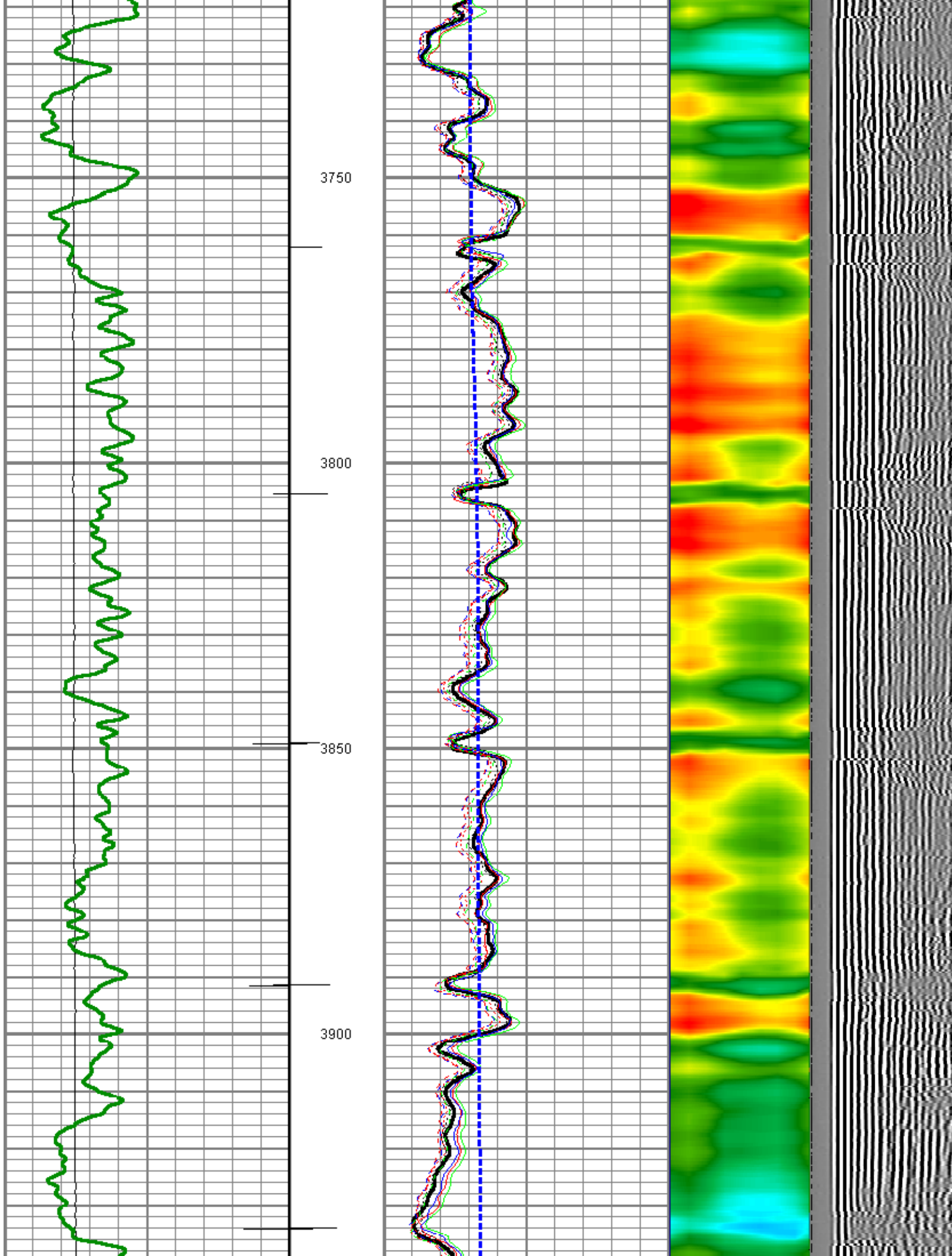


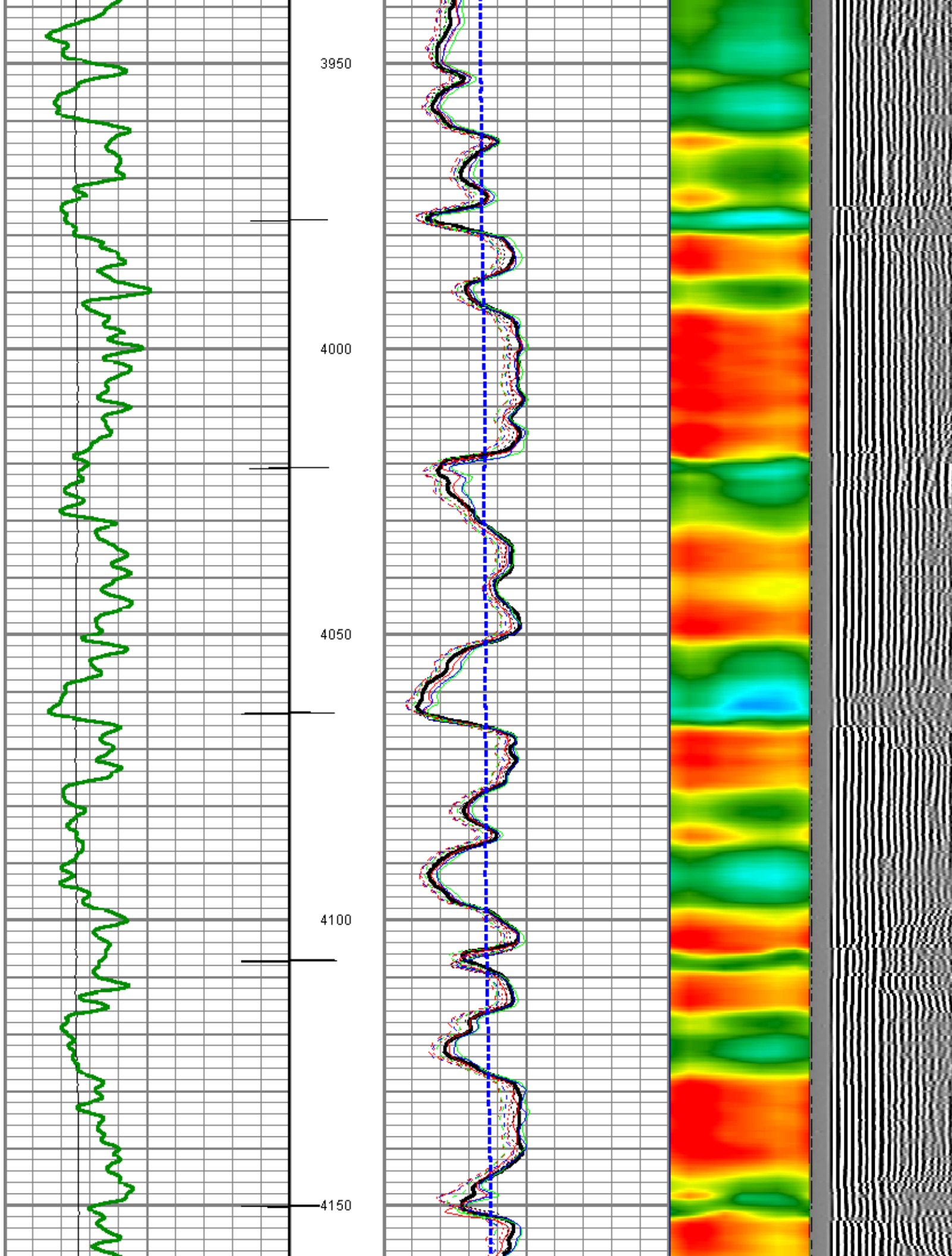


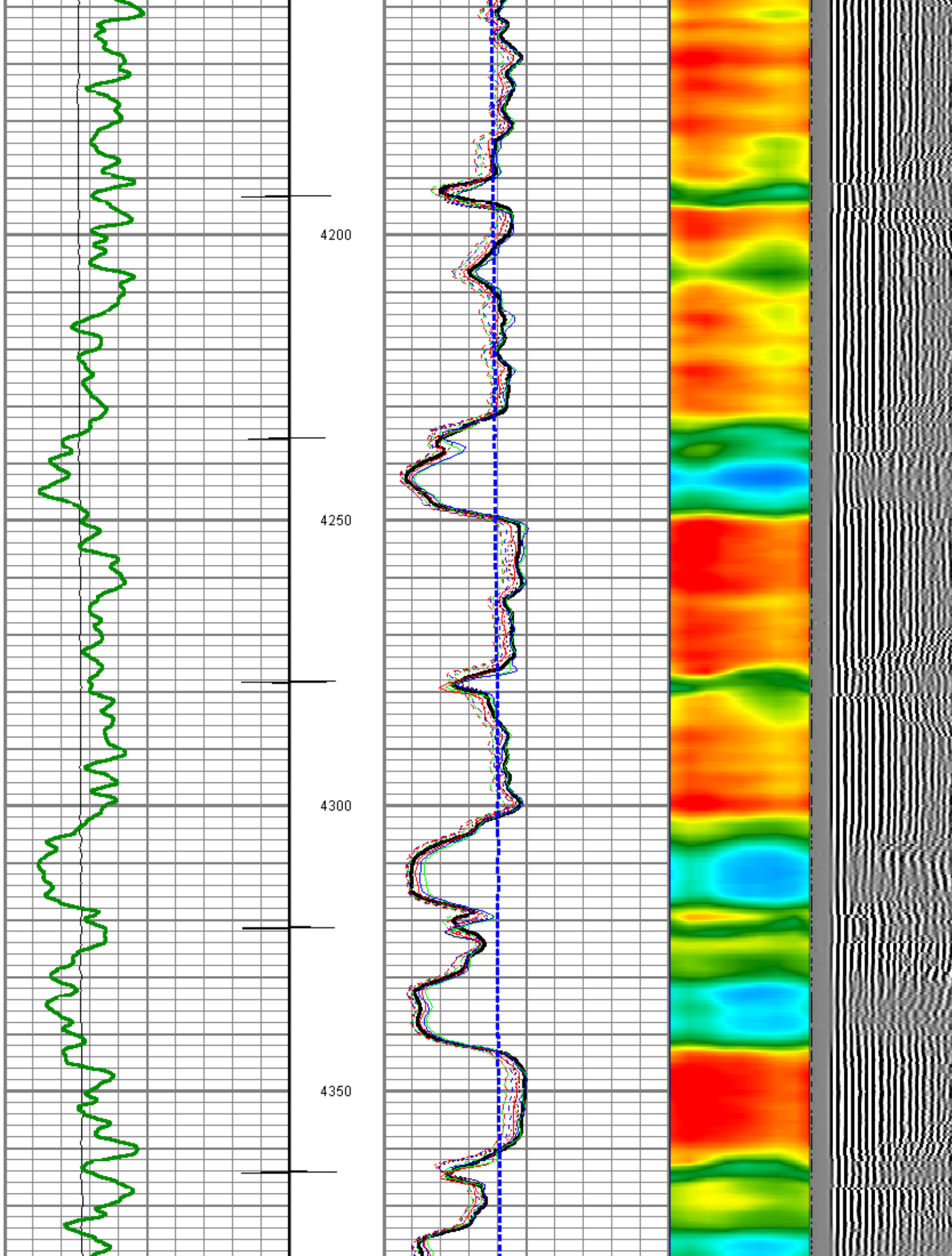


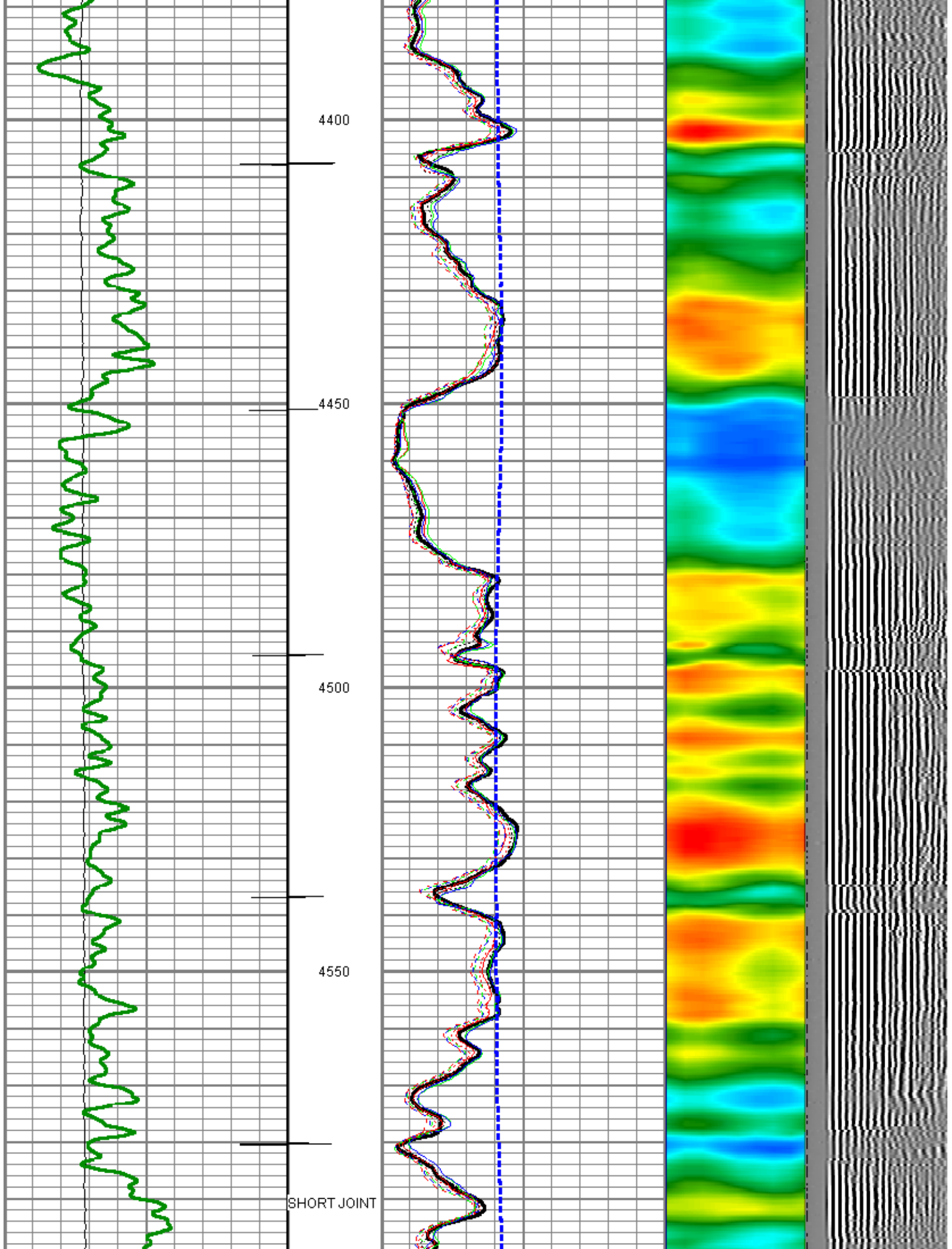


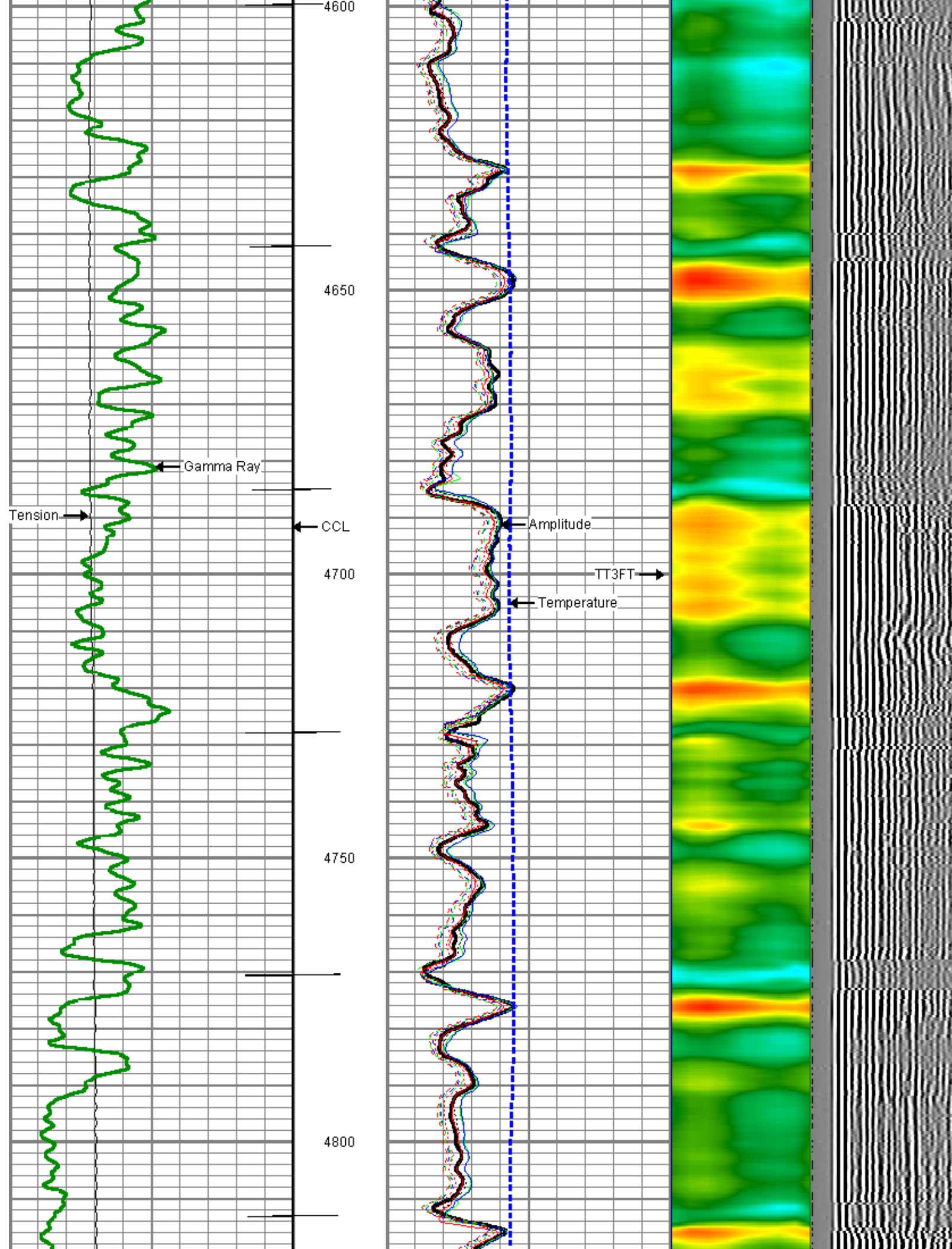


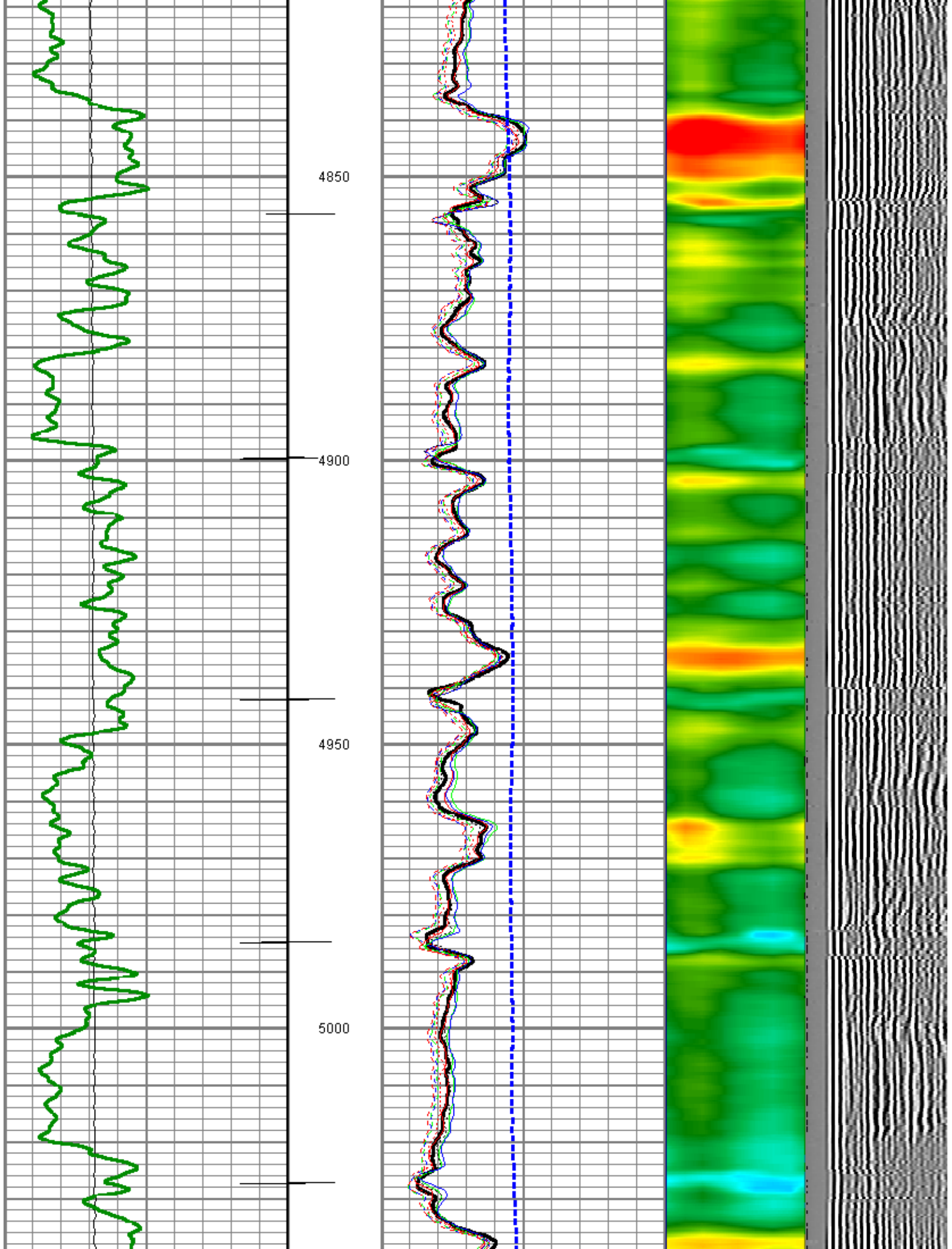


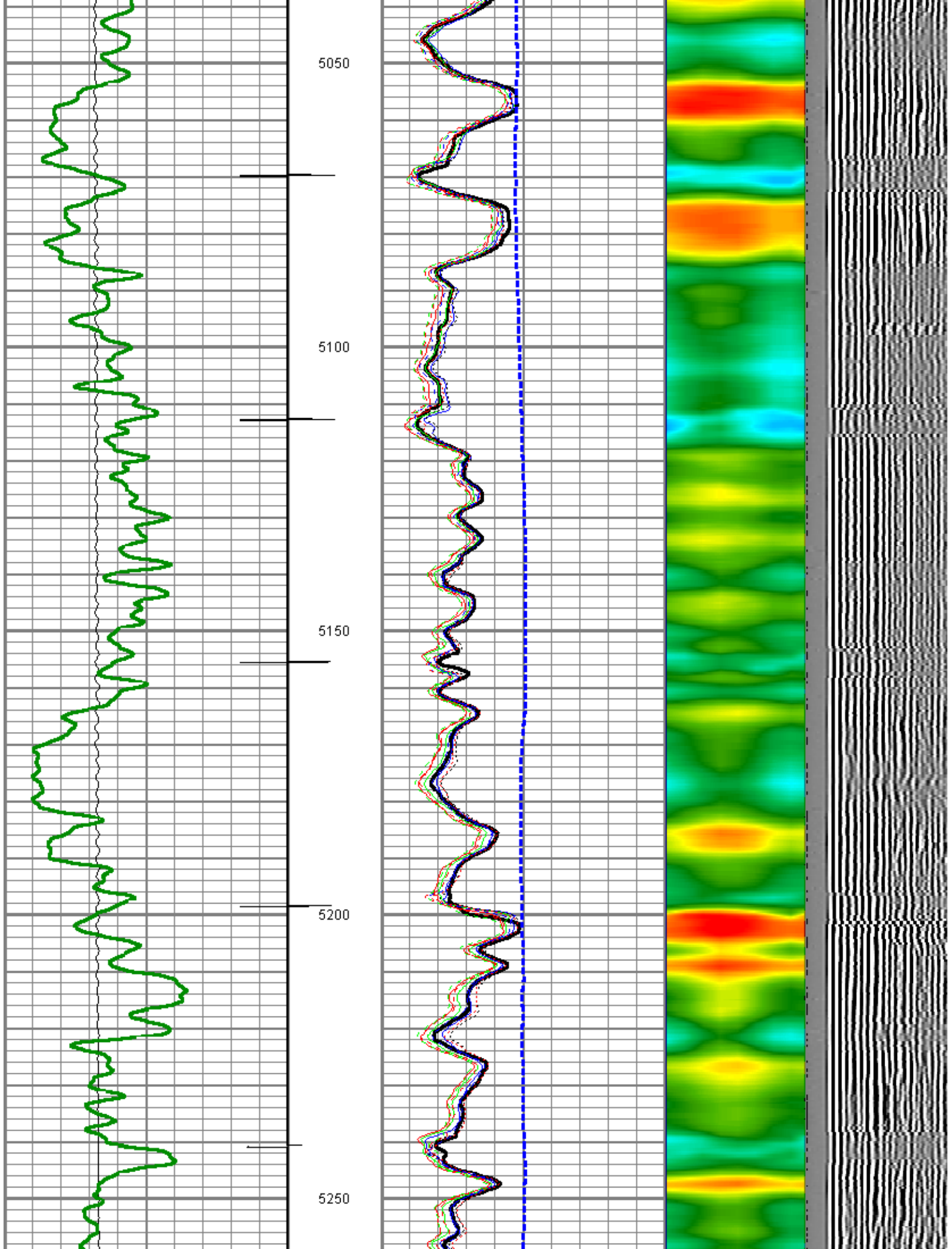


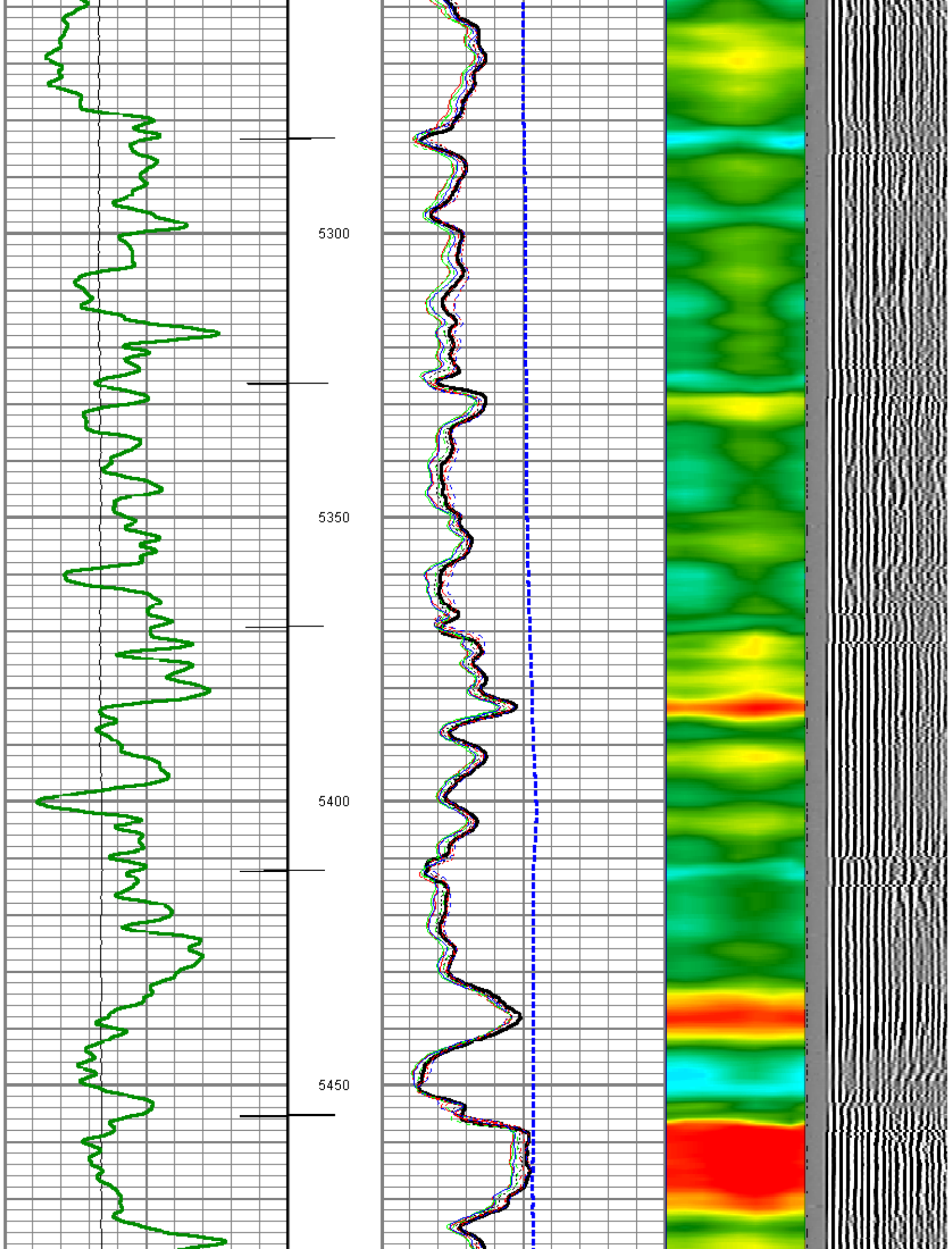


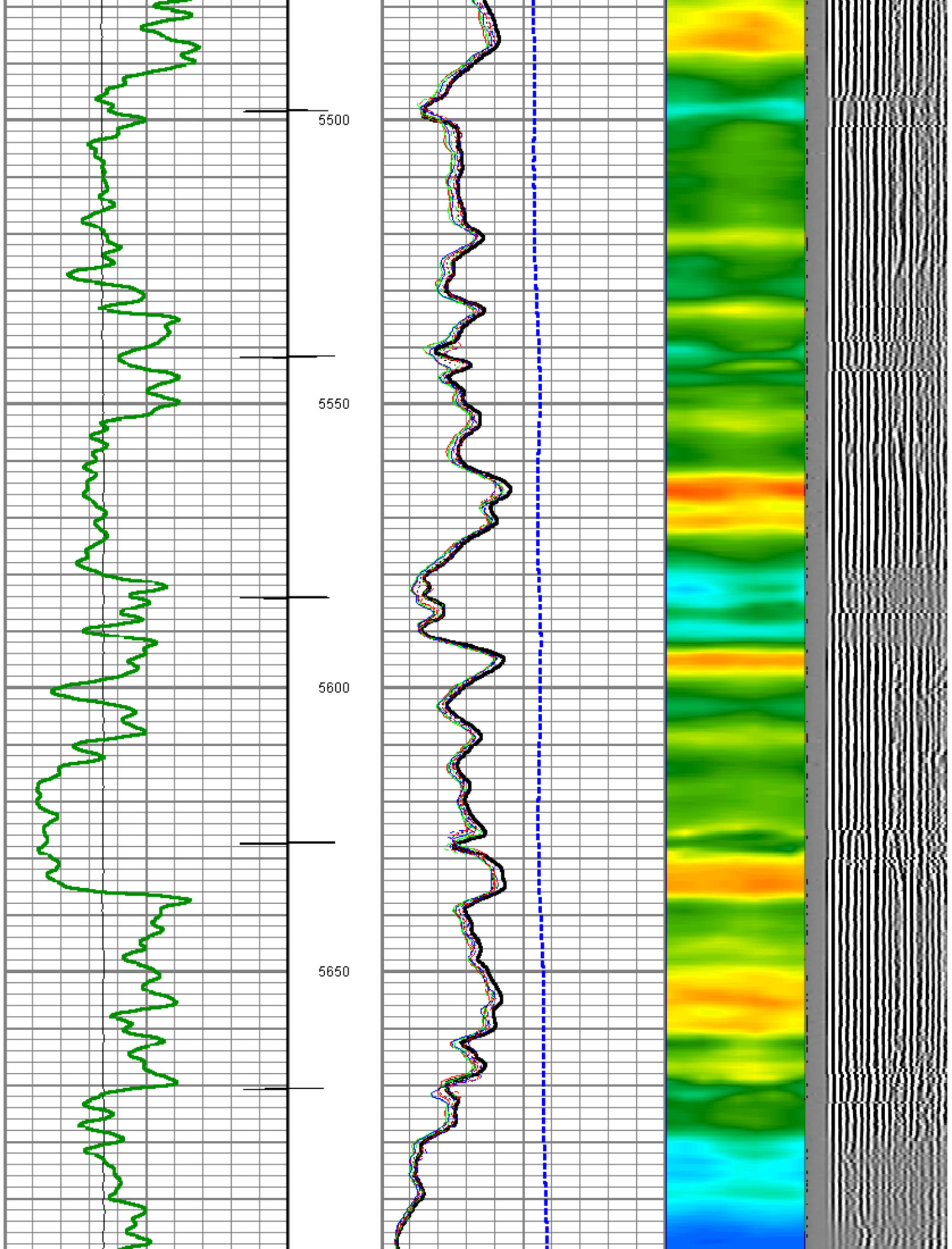


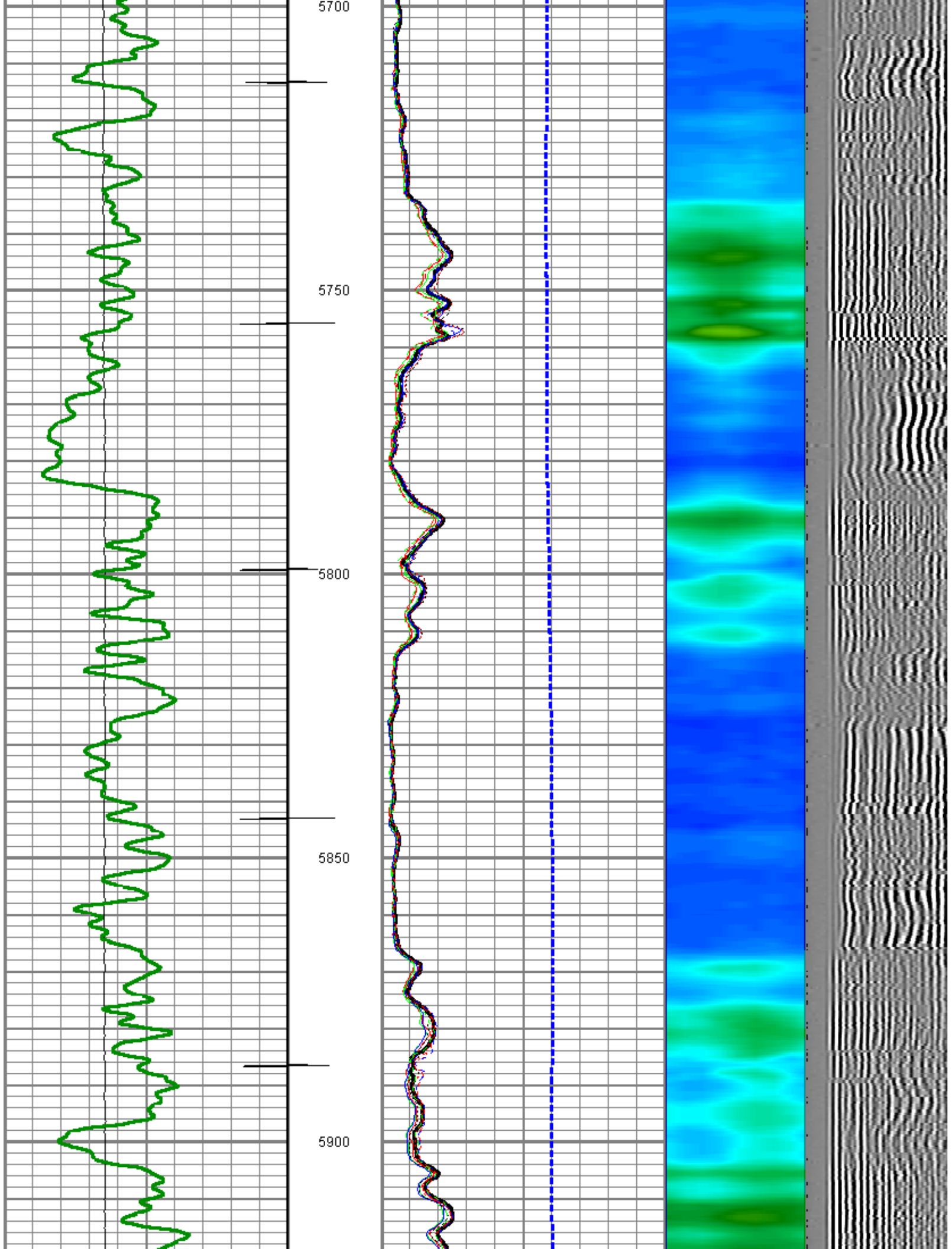


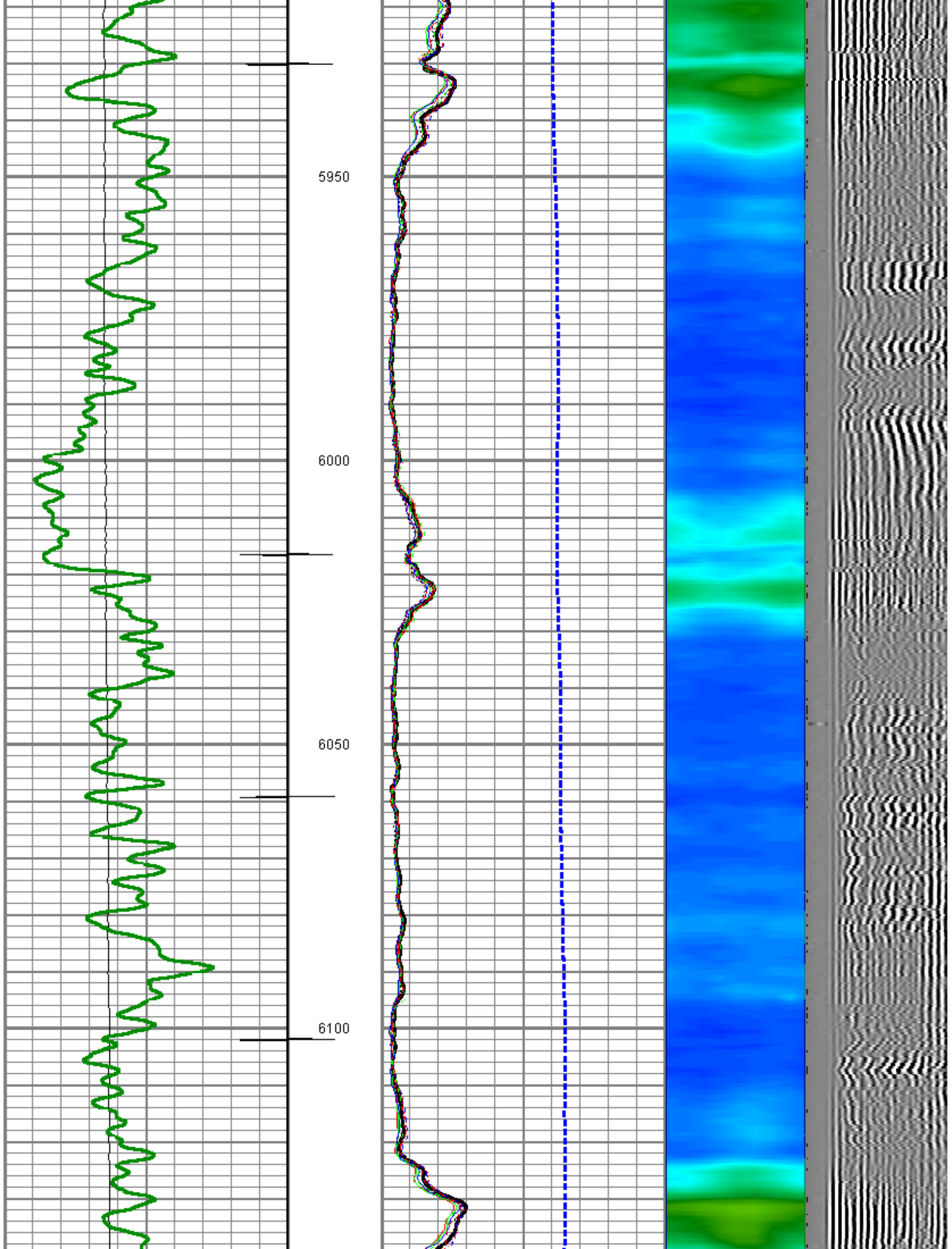


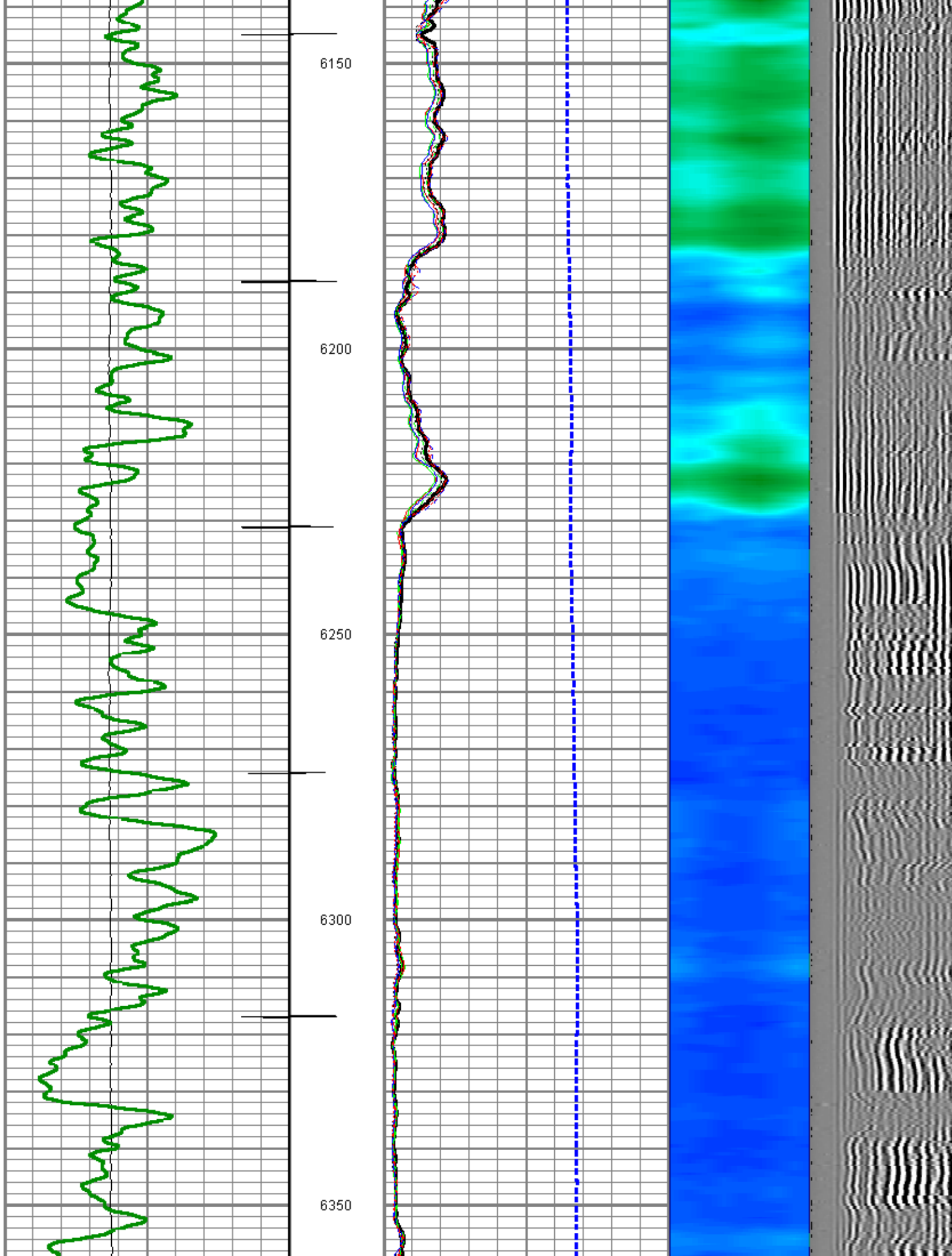


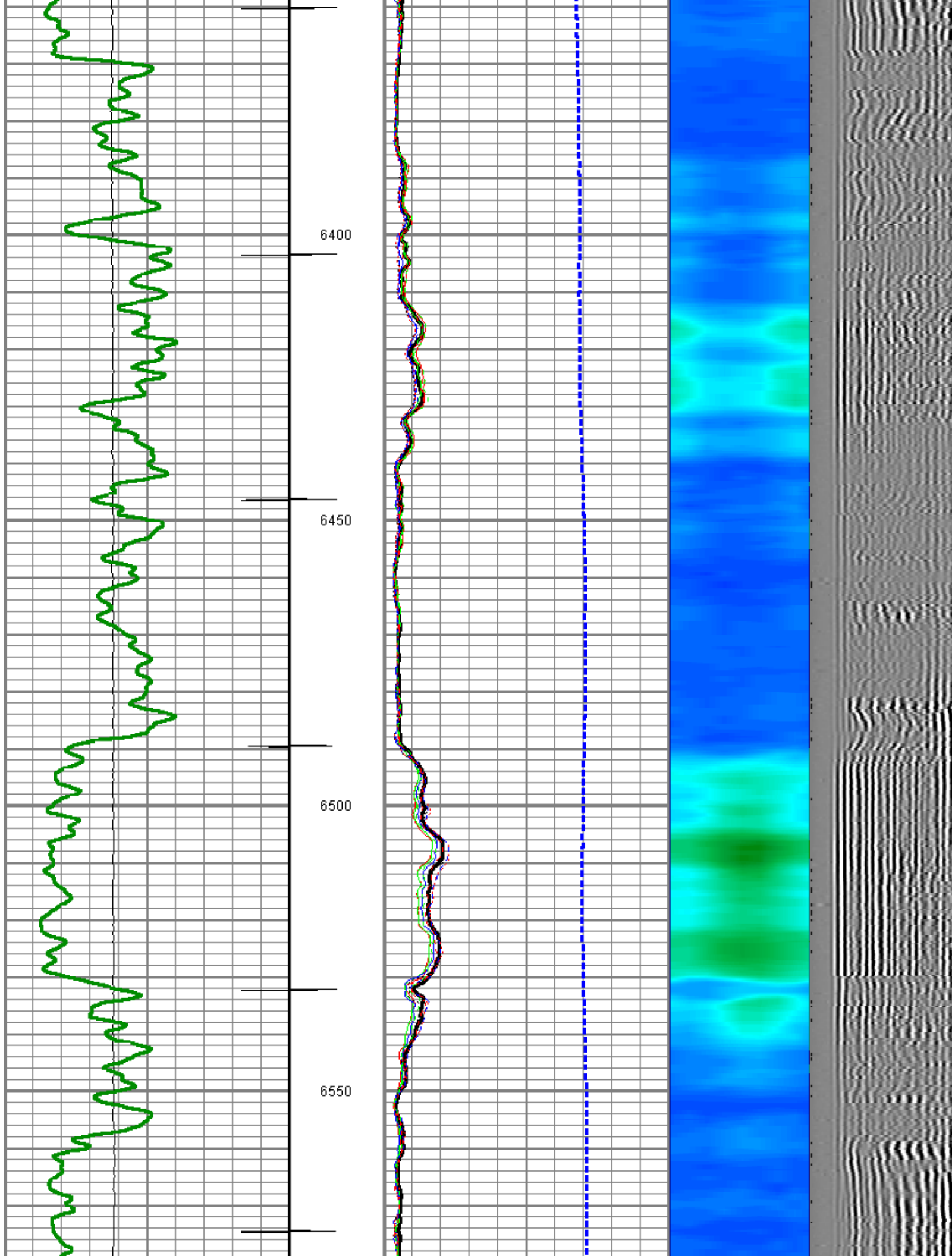


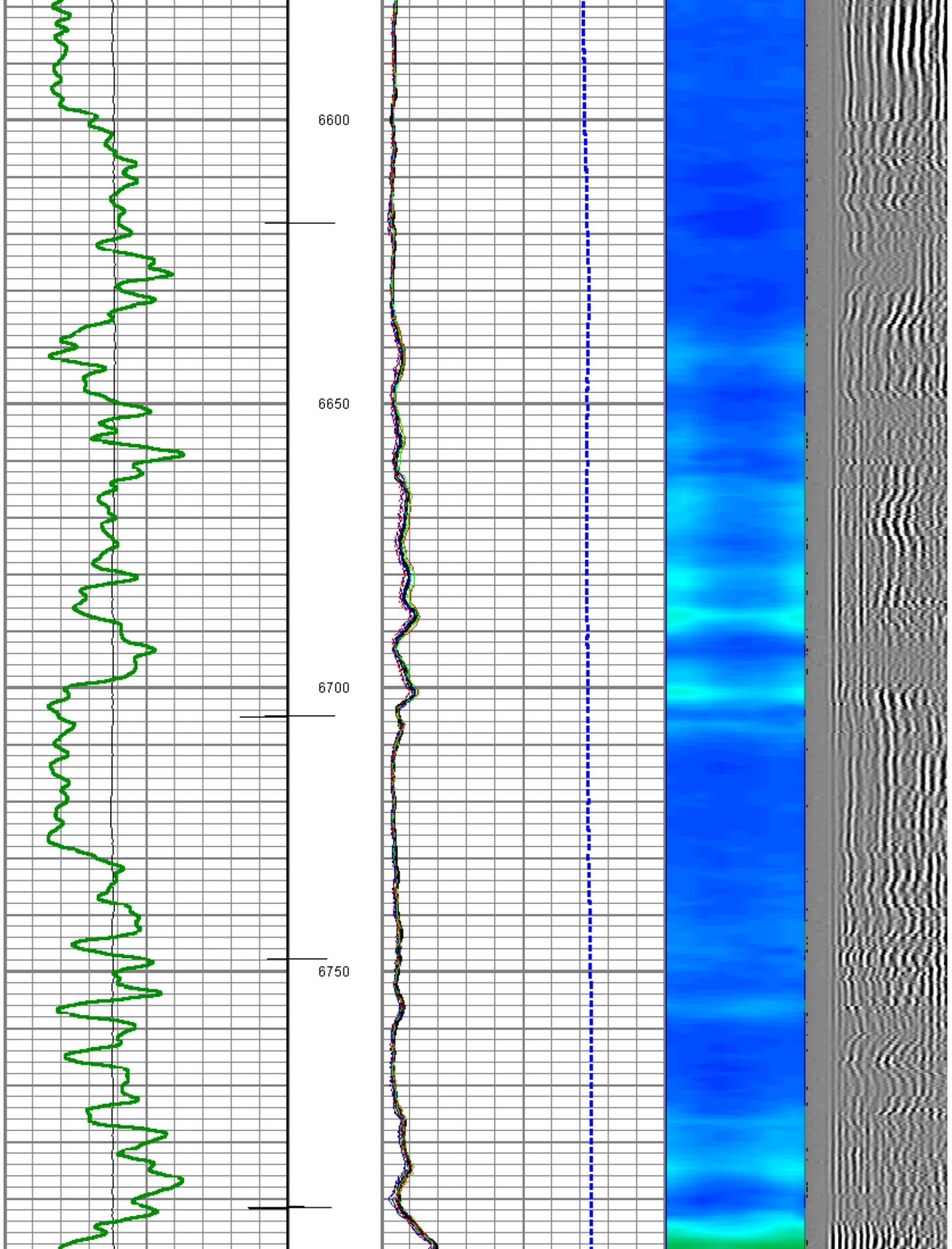


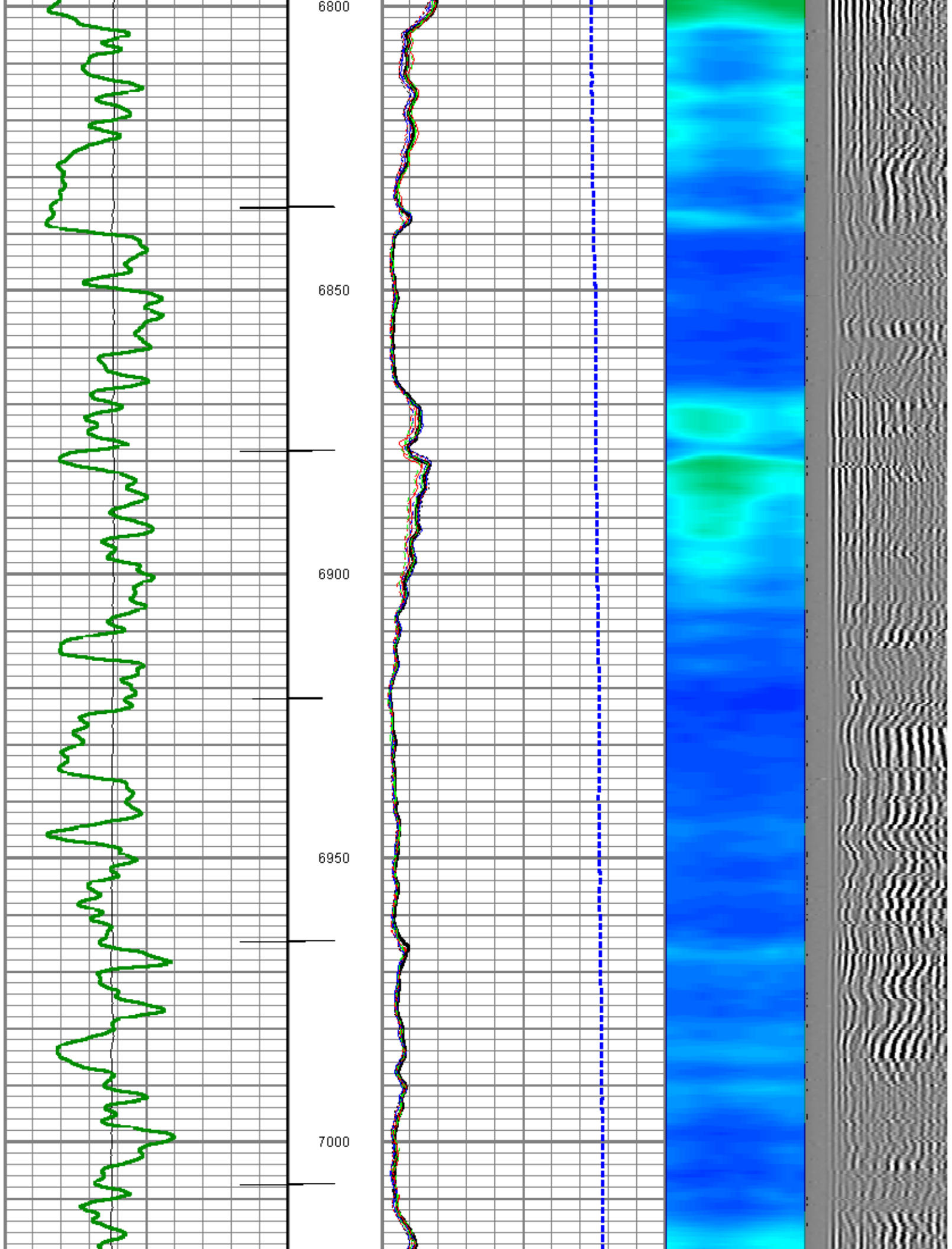


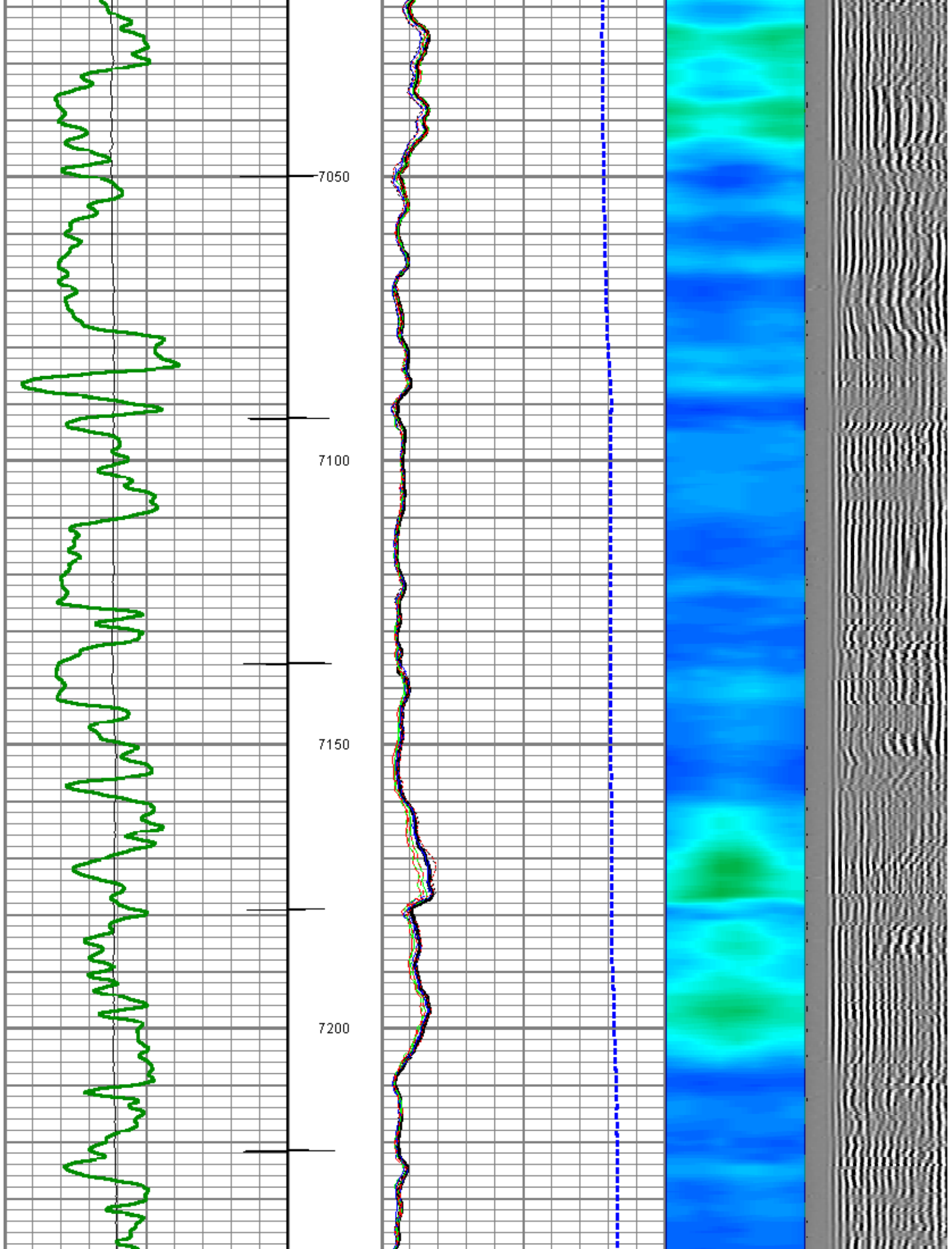


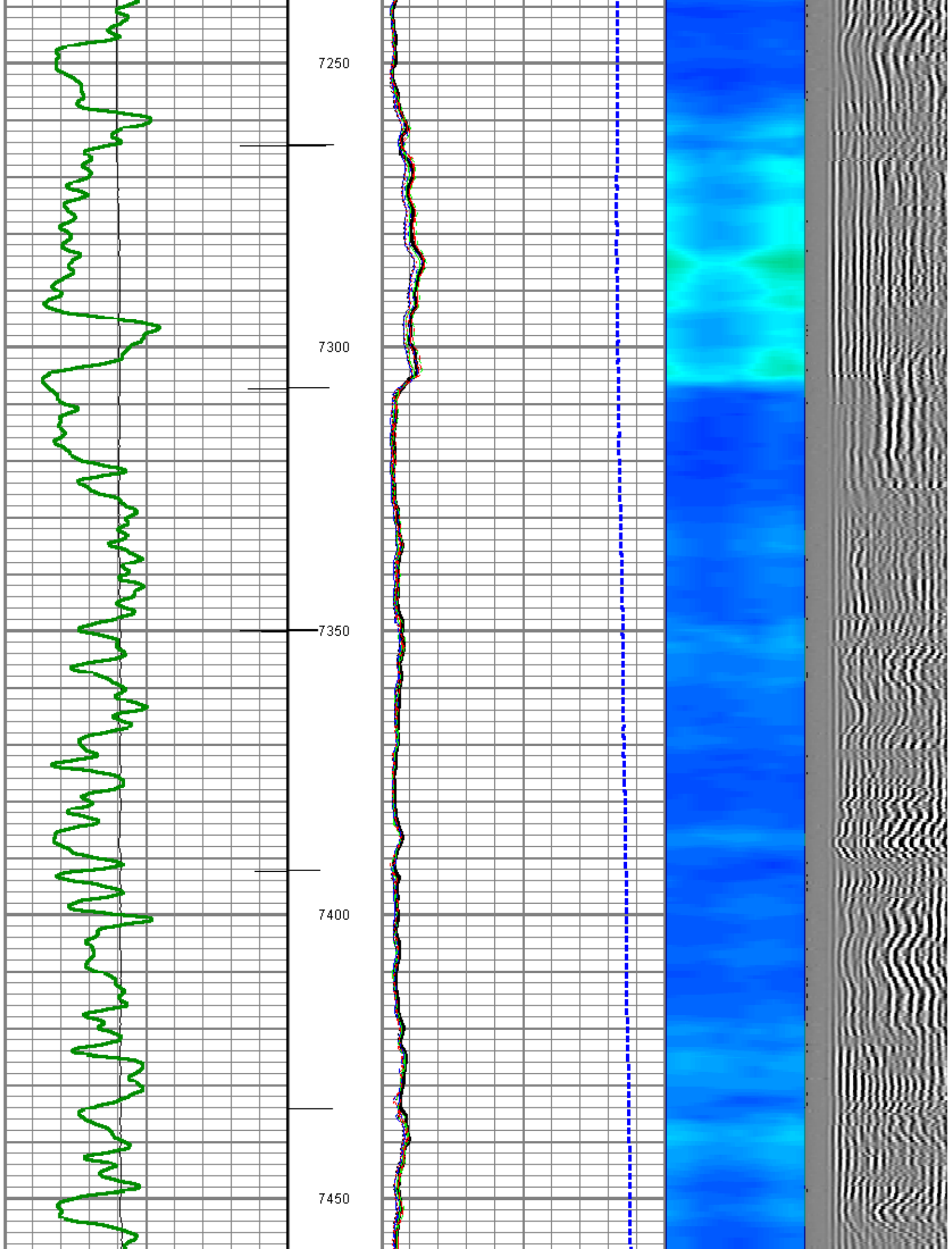


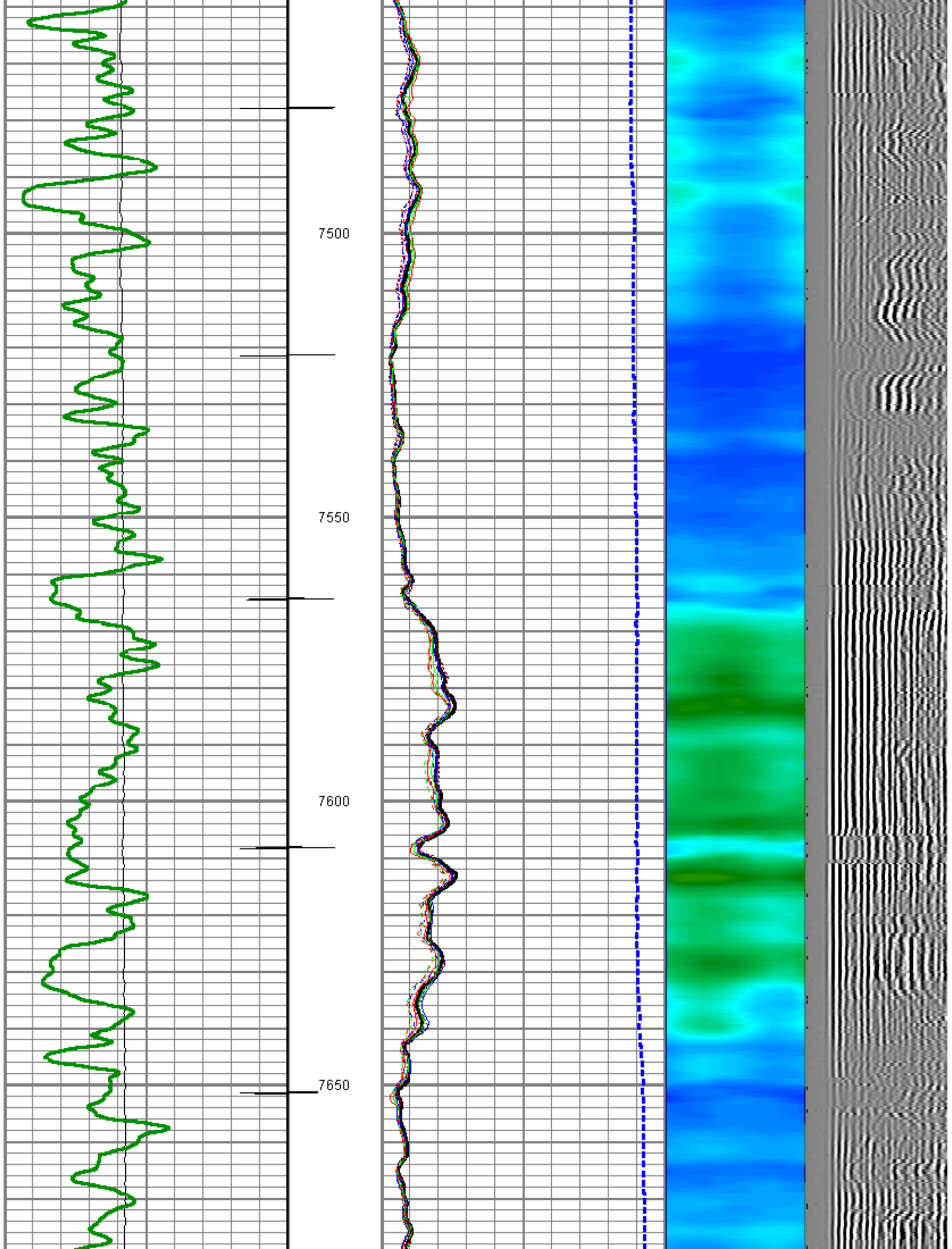


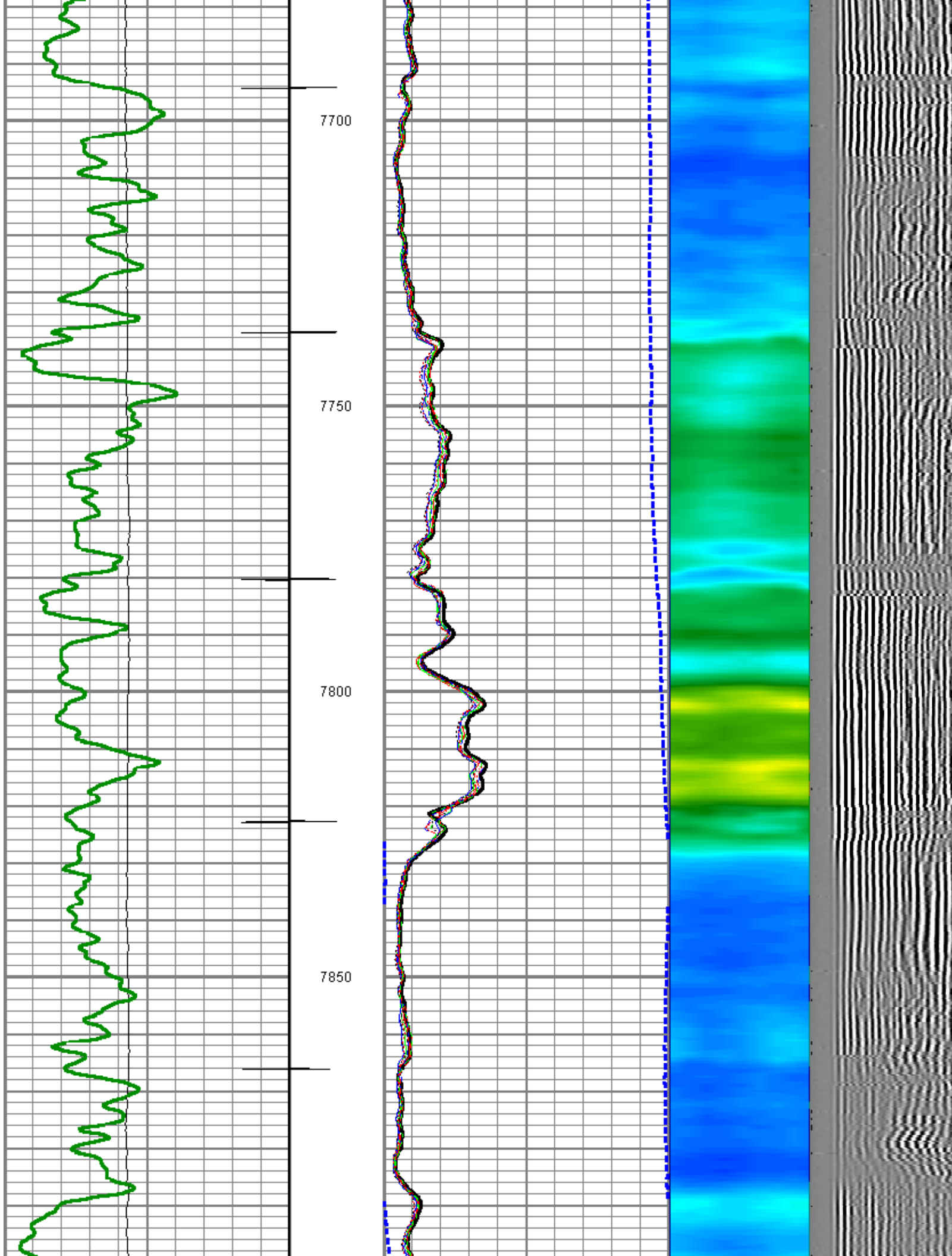


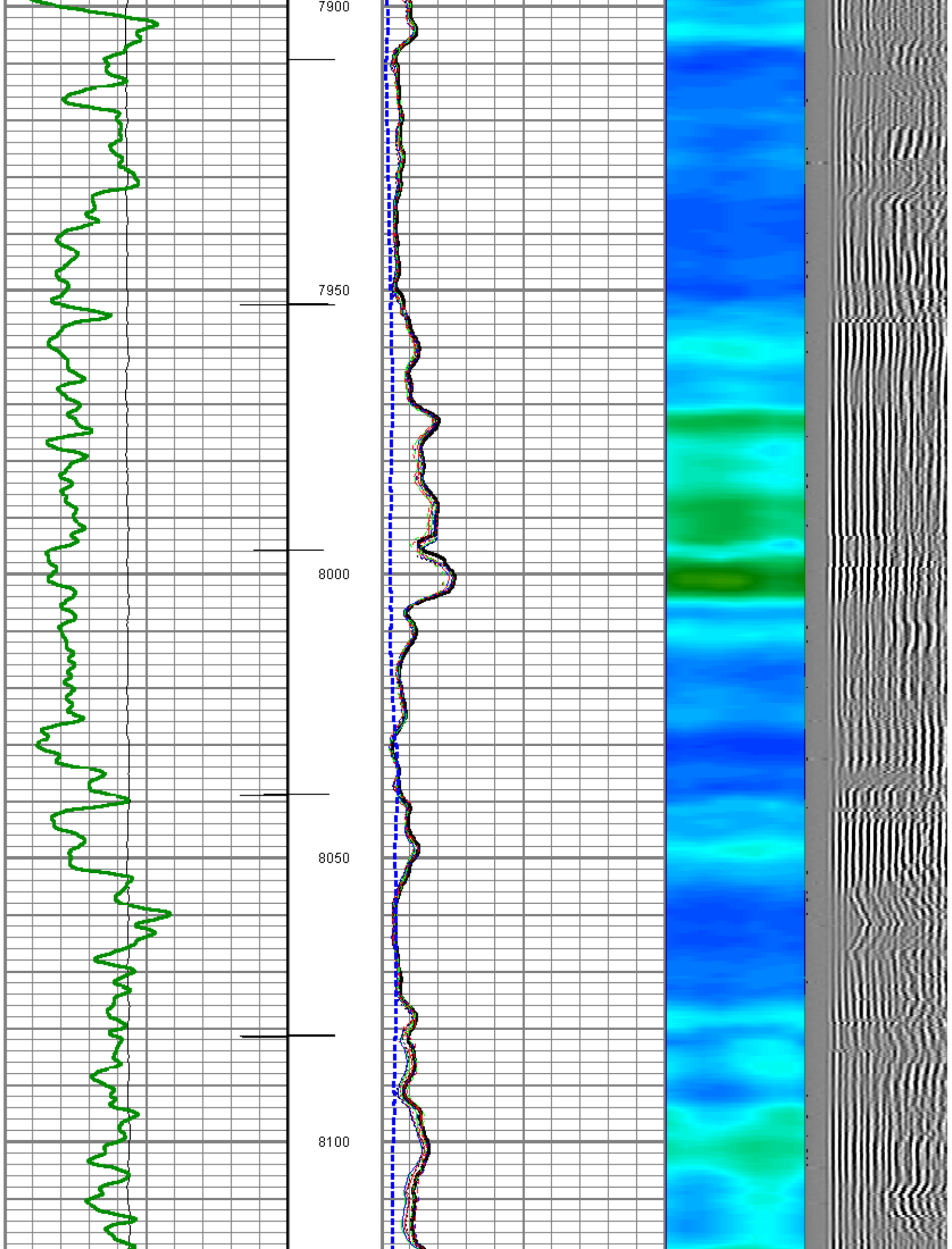


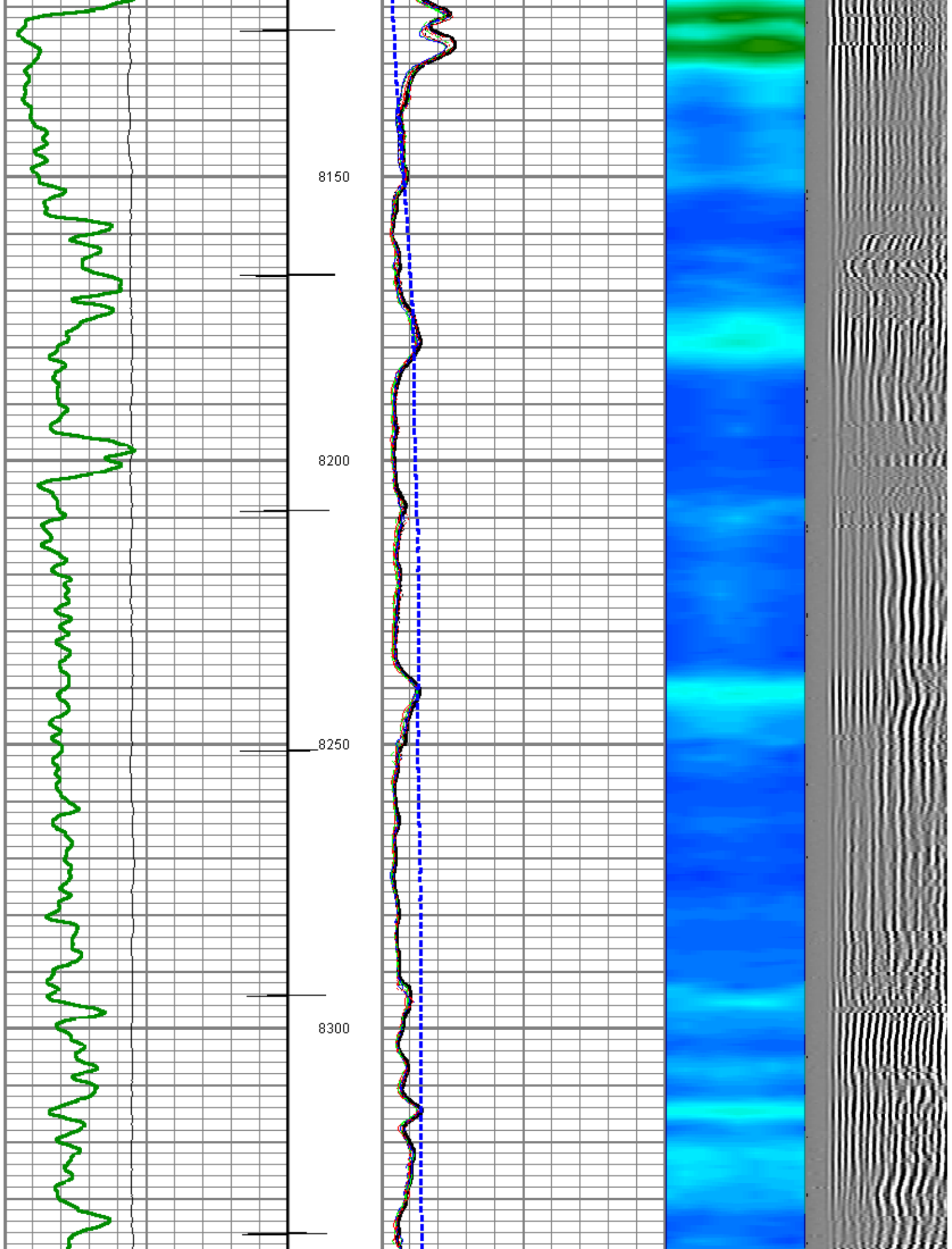


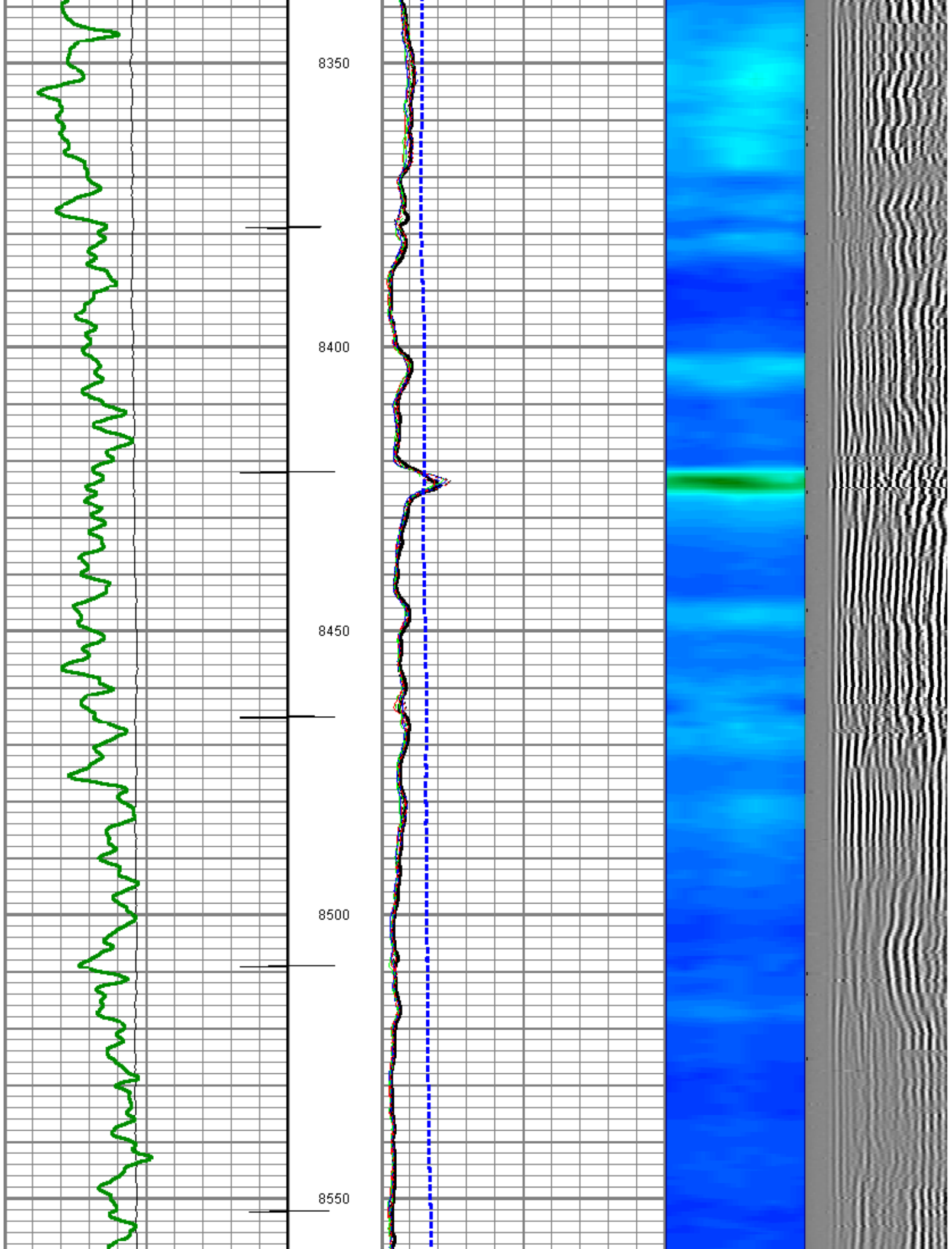


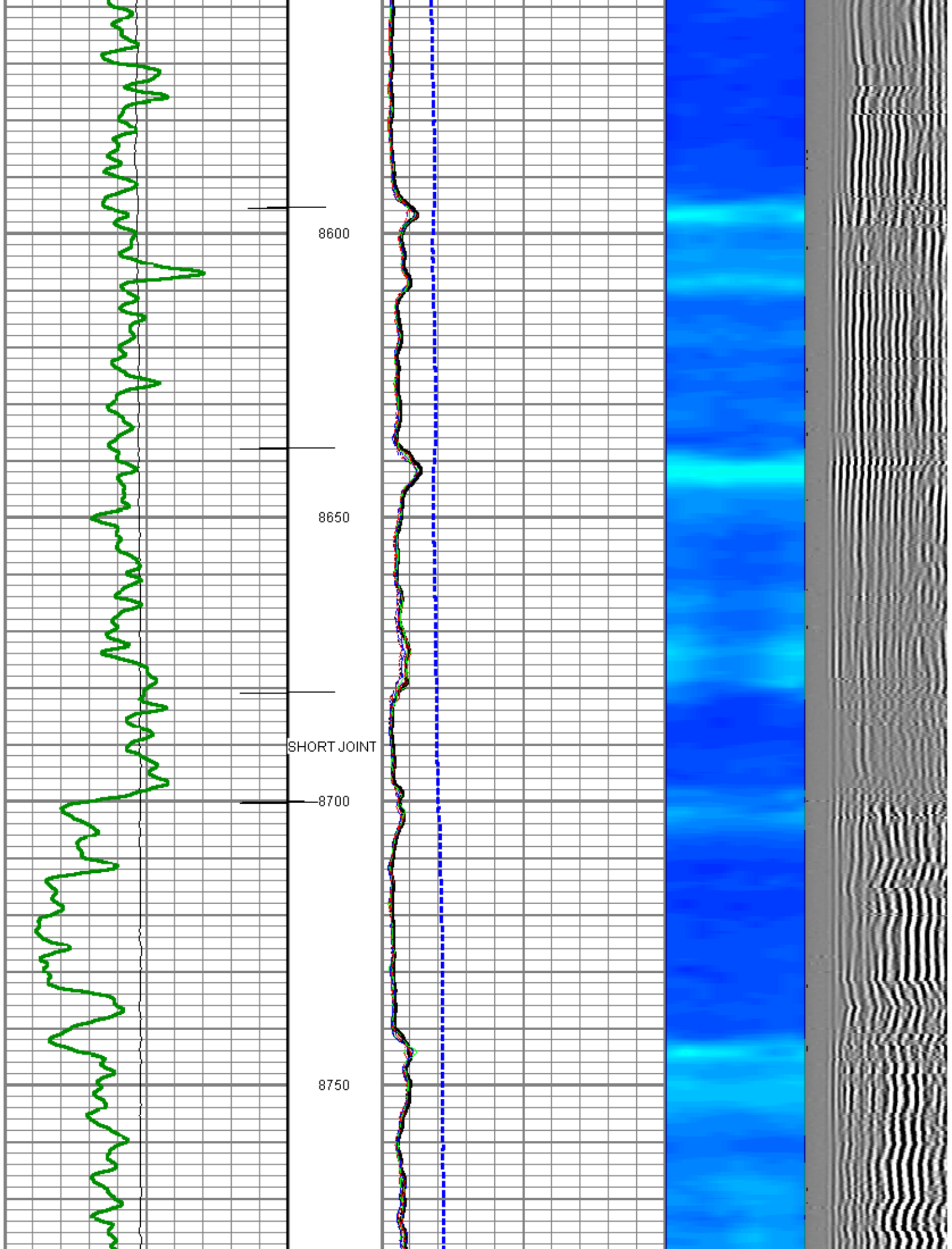


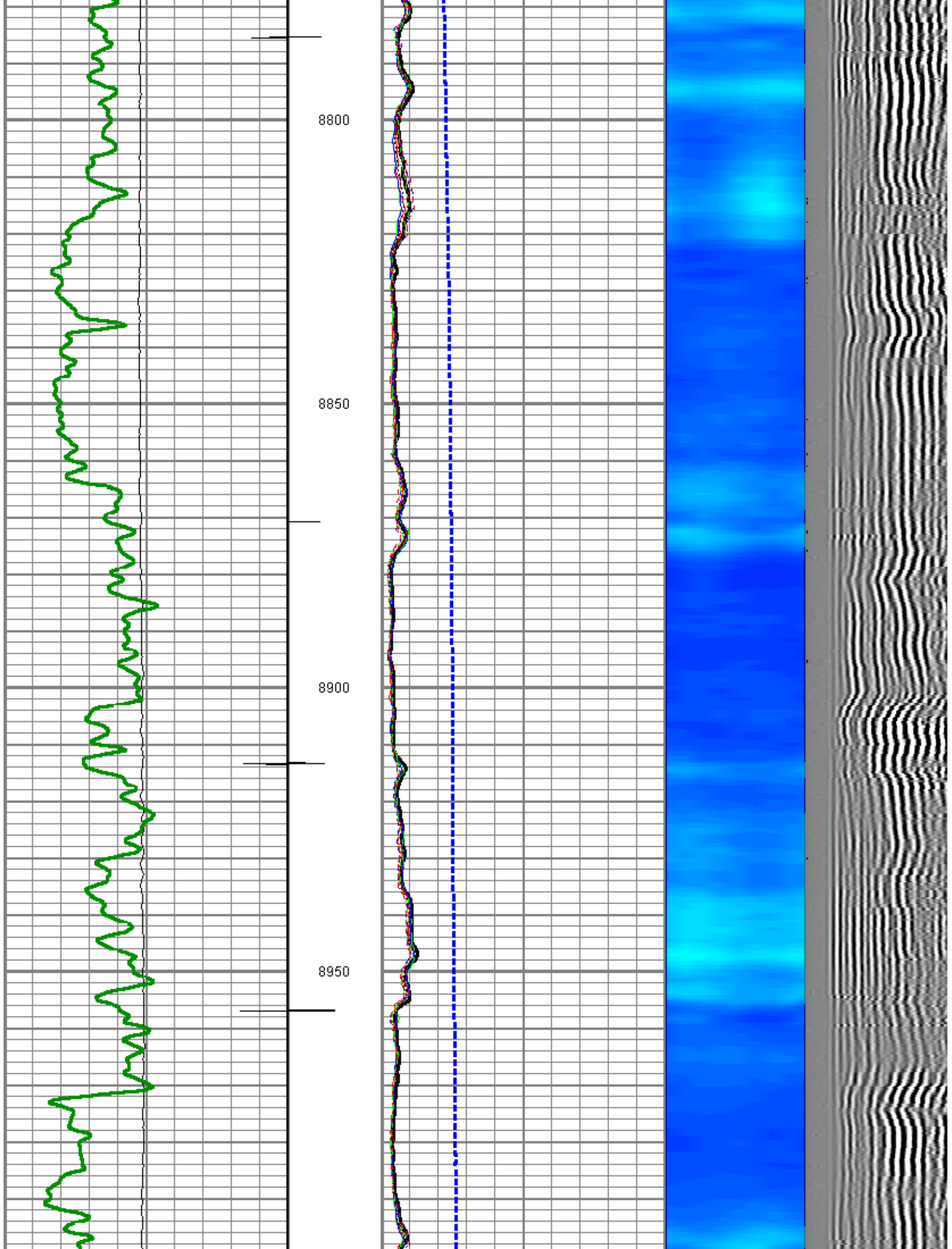


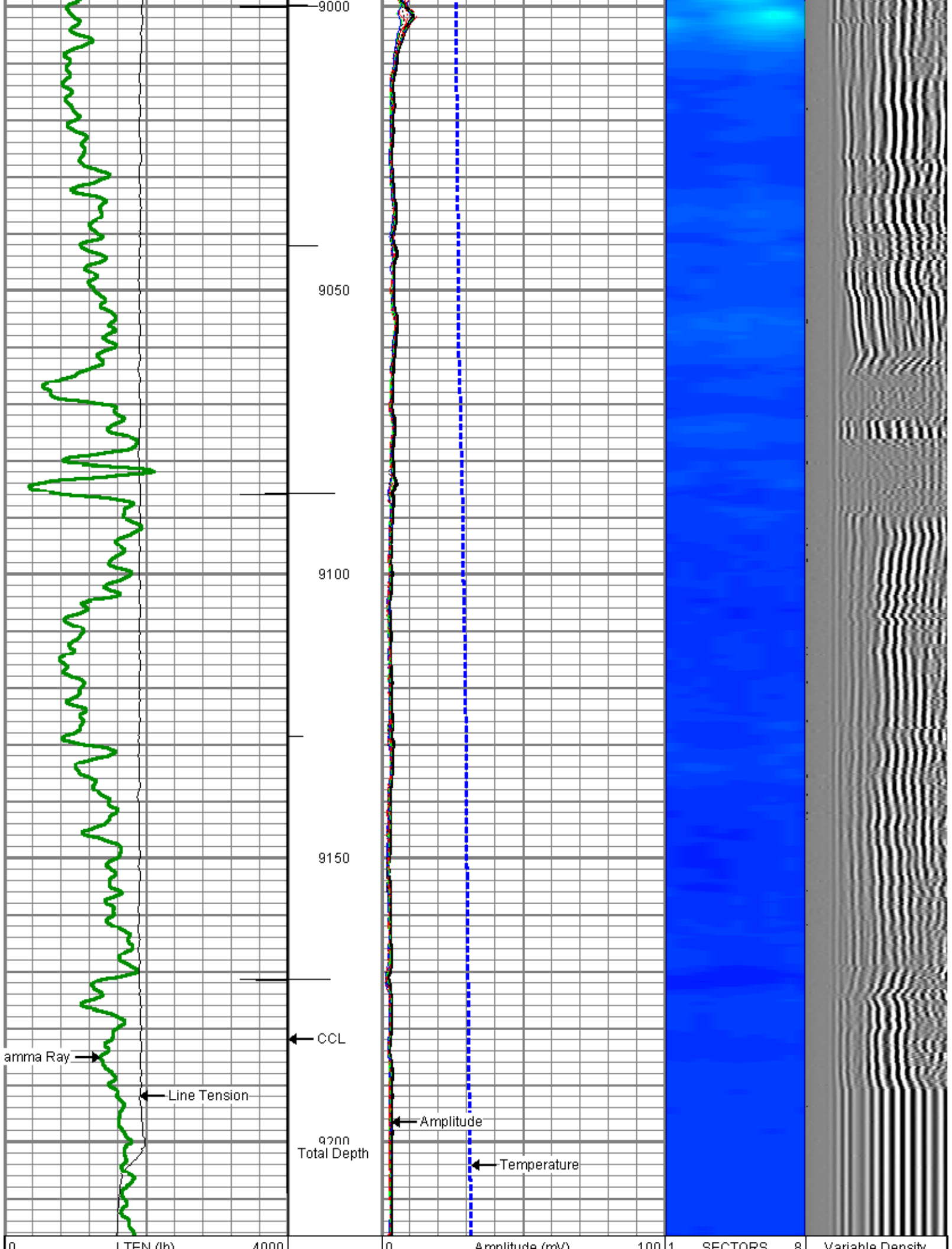









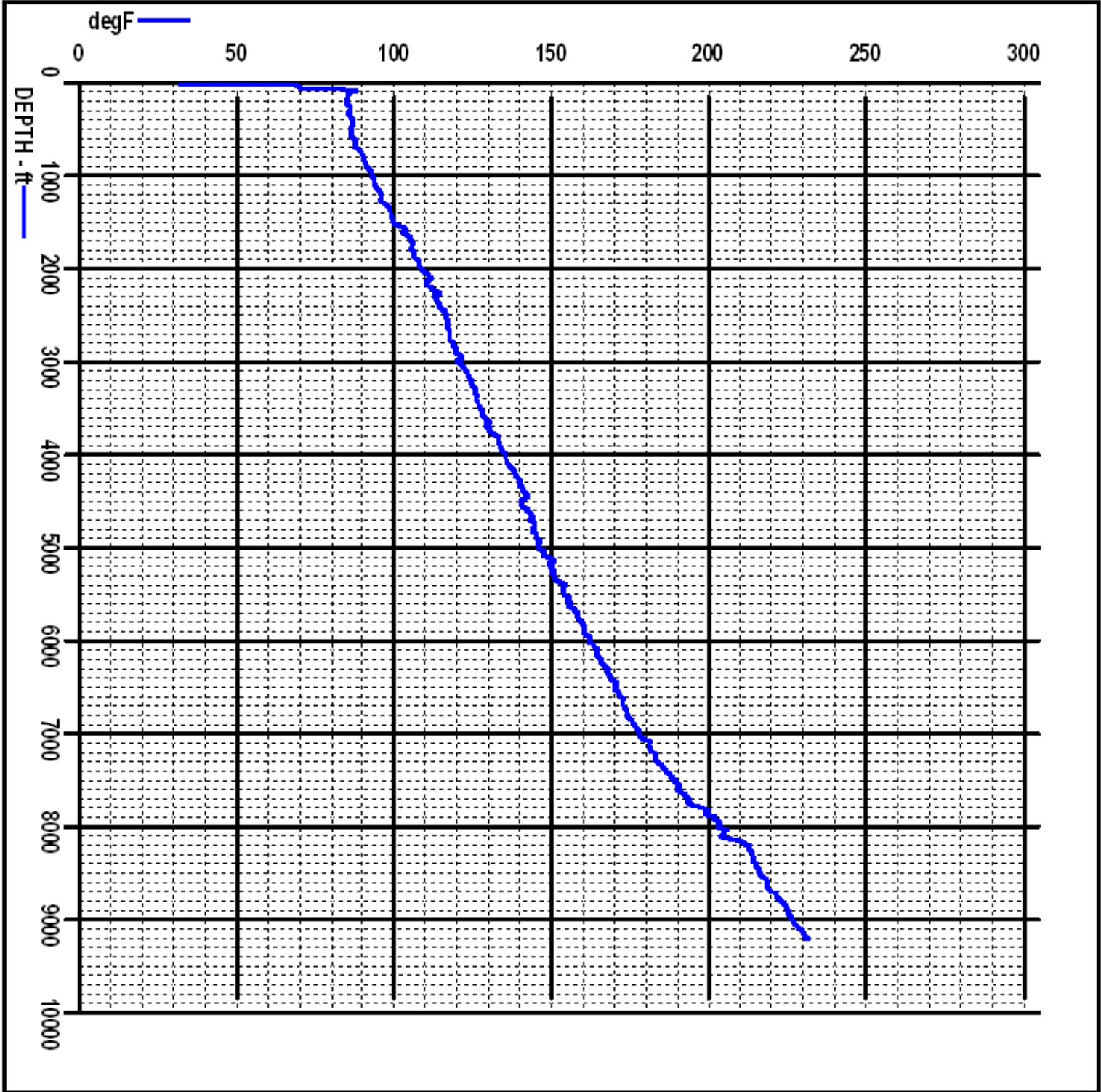





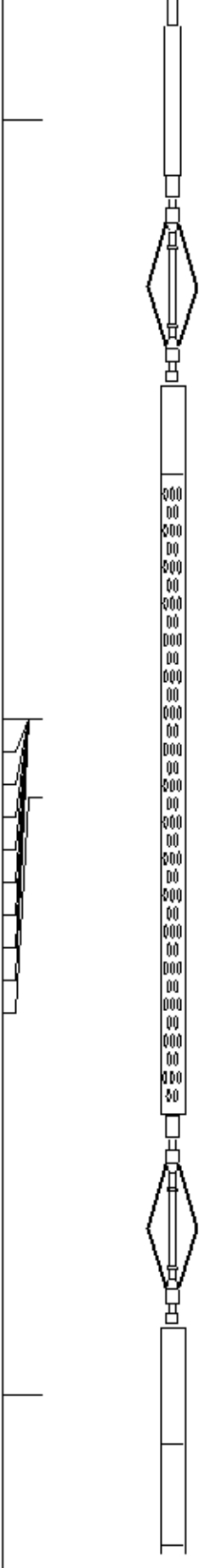
0	ETEN (lb)	4000	0	Amplitude (mV)	100	0	SECTORS	70	200	1200
0	GR (GAPI)	200	0	TT3FT (usec)	207	0				
			0	TEMP (degF)	100					
	CCL									



TEMPERATURE PLOT



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TITAN	1.02	1.44	1.00

CCL	18.54		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
WVF3FT	10.78					
WVFS1	10.78		SNDX_RBT-007 (000002) Radial Bond Tool - Analog 3 1/8	9.47	3.13	140.00
WVFS2	10.78					
WVFS3	10.78					
WVFS4	10.78					
WVFS5	10.78					
WVFS6	10.78					
WVFS7	10.78					
WVFS8	10.78					
WVF5FT	9.78					
			SONDEX	2.71	2.75	32.00
GR	2.03		SNDX_GR-SNDX_3_13_GR (000001) Sondex Production Gamma Ray	2.94	3.13	22.05
Dataset: a_gypranb13.db: field/well/run1/pass6 Total Length: 20.77 ft Total Weight: 238.07 lb O.D. 3.13 in						



Well	GYPSUM RANCH B4
Field	MAMM CREEK
County	GARFIELD
State	COLORADO