



# CEMENT BOND LOG

Mesa Wireline

Company	LARAMIE ENERGY, LLC.
Well	FEDERAL 29-12B
Field	RULISON
County	GARFIELD
State	COLORADO
Location:	APL #: 05045157950000
SURFACE HOLE: 1868' FSL & 2099' FWL	Other Services
BOTTOM HOLE: 2140' FSL & 0657' FWL	NONE
B SPOT OF NW 1/4 OF SW 1/4 SEC 29	Elevation
SEC 29 TWP. 06S RGE. 93W	K.B. 6223'
GROUND LEVEL Elevation 6204'	D.F. 6222'
Remnant to 31m	G.L. 6204'
Log Measured from	
Drilling Measured from KELLY BUSHING	

Date	15 NOV 2008
Run Number	ONE
Depth Driller	10123'
Depth Logger	9992'
Bottom Logged Interval	9992'
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.34#
Max. Recorded Temp.	233 DEG F
Estimated Cement Top	5450'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	10801/RBT02
Location	GRAND JUNCTION
Recorded By	B. MAYNARICH
Witnessed By	D. SOLIS
G. STAPLETON	
Borehole Record	
Run Number	Bit From To Size Weight From To
ONE	12.25" SURFACE 1500'
TWO	7.875" 1500' 10123'
Tubing Record	
Casing Record	Size Wgt/Ft Top Bottom
Surface String	8.625" 32.0# SURFACE 1500'
Prot. String	
Production String	4.5" 11.6# SURFACE 10123'
Liner	

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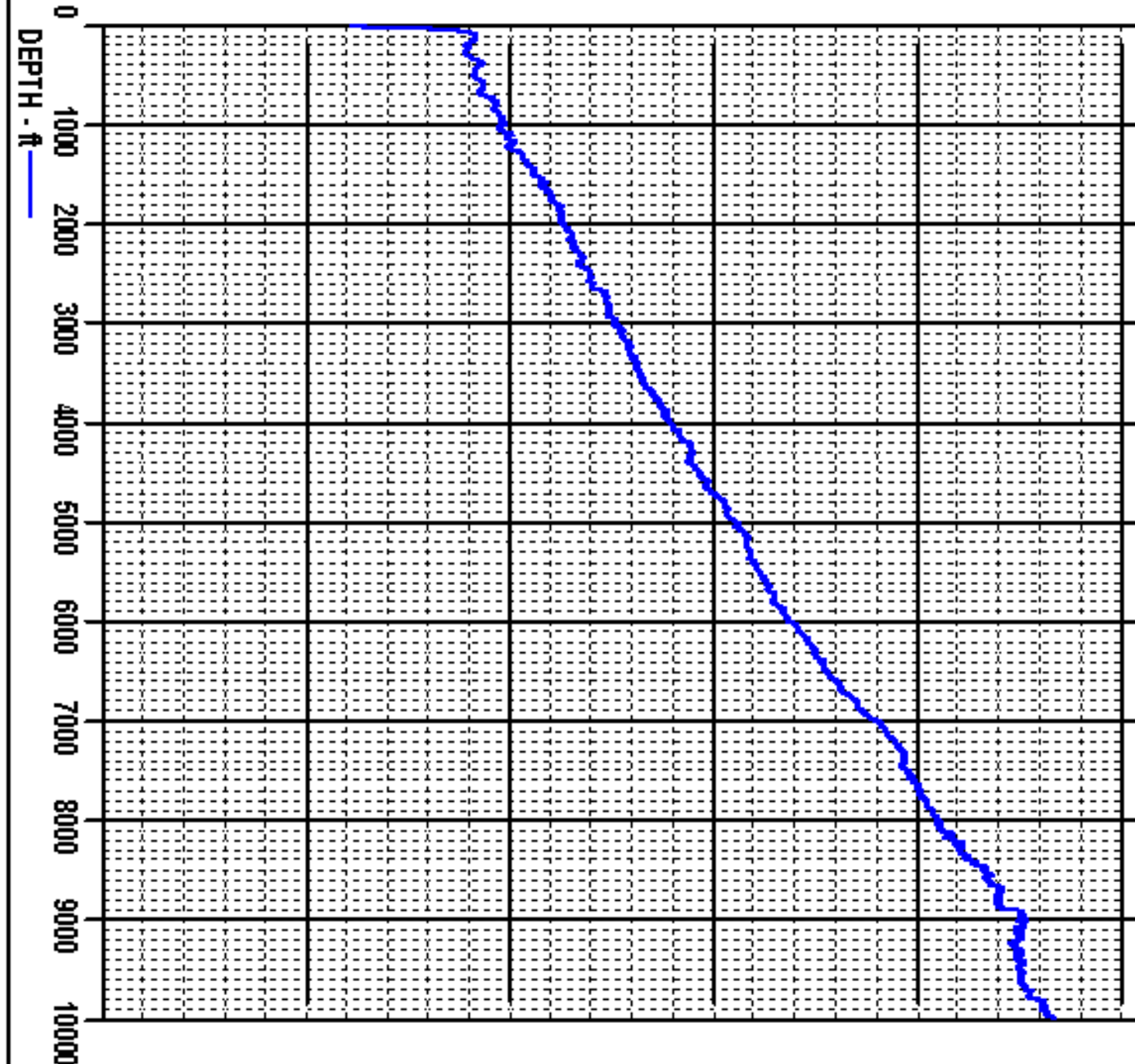
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

RBT-GR-TEMP RAN IN COMBINATION.  
NO LOG AVAILABLE TO CORRELATE WITH.  
SHORT JOINTS @:6908' TO 6937' AND 8996' TO 9026'.

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





## MAIN LOG SECTION

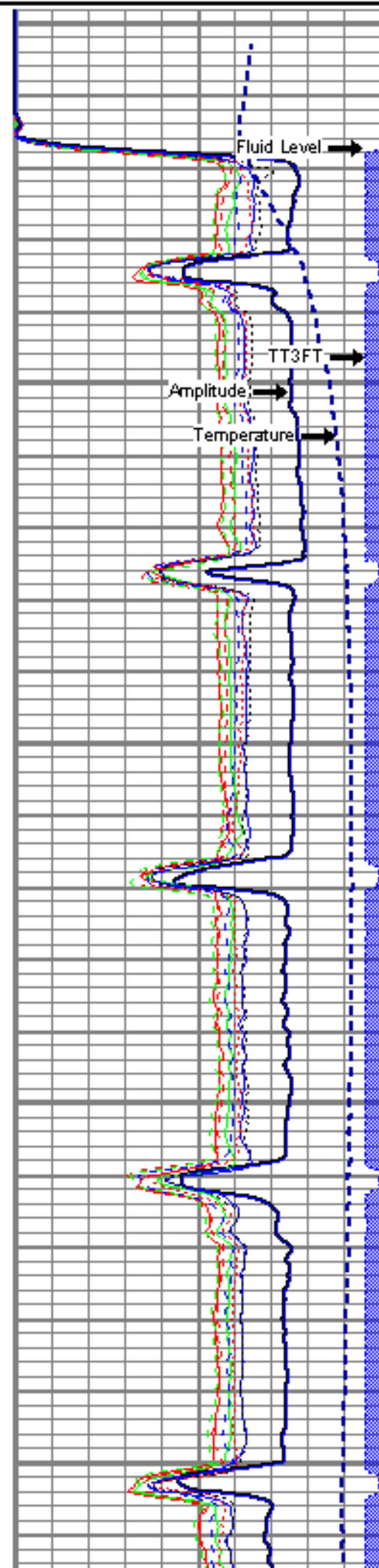
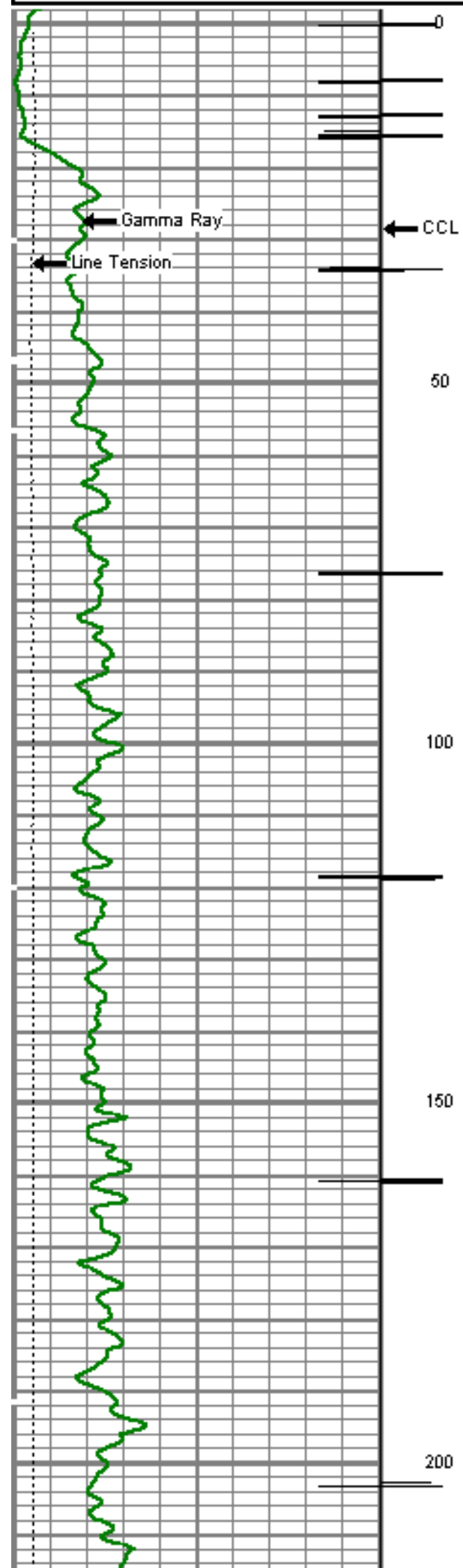
5" = 100'

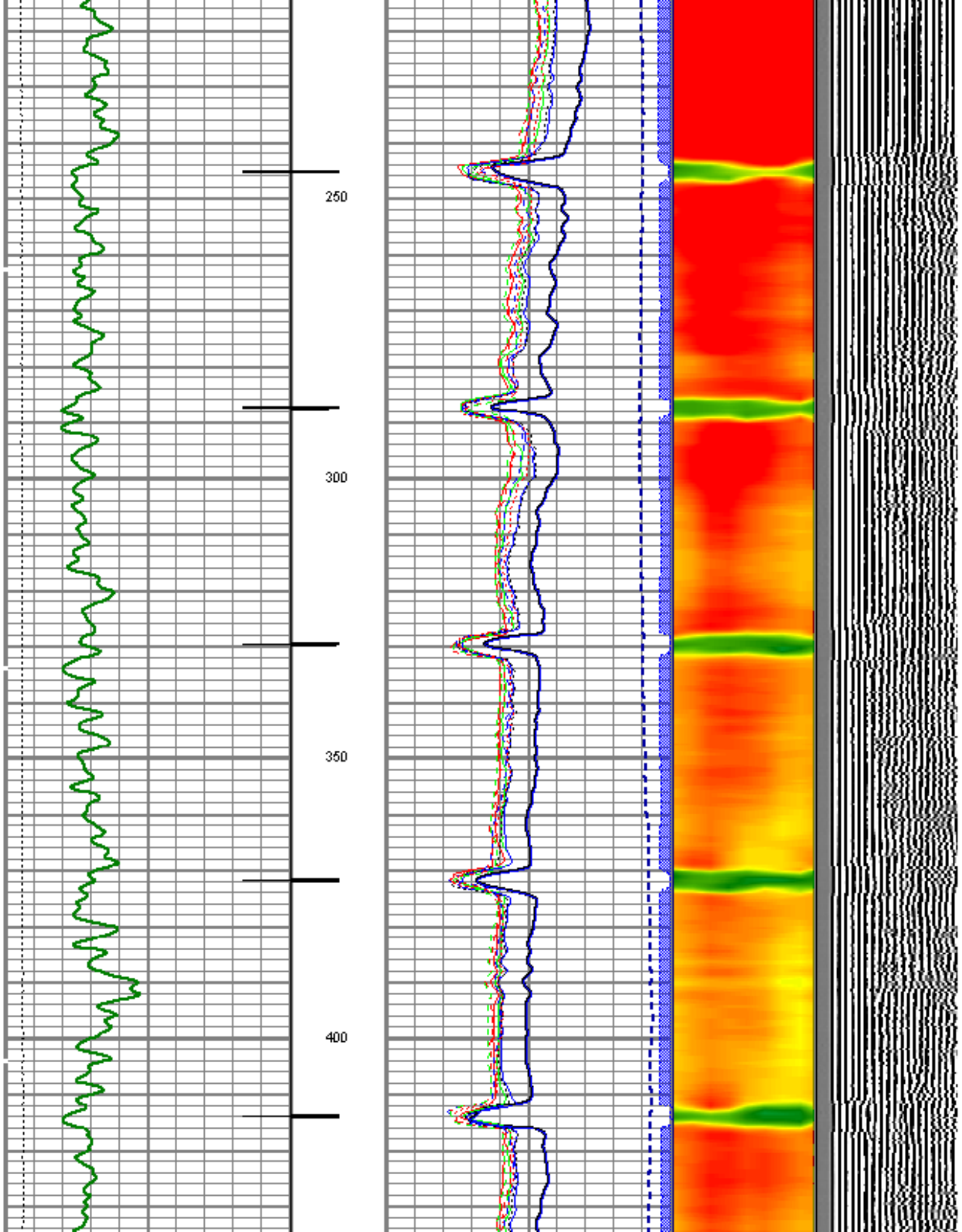
Database File: I\_fed2912bcb1.db  
 Dataset Pathname: pass2.2  
 Presentation Format: rbtfinal  
 Dataset Creation: Sat Nov 15 02:40:24 2008 by Calc Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240

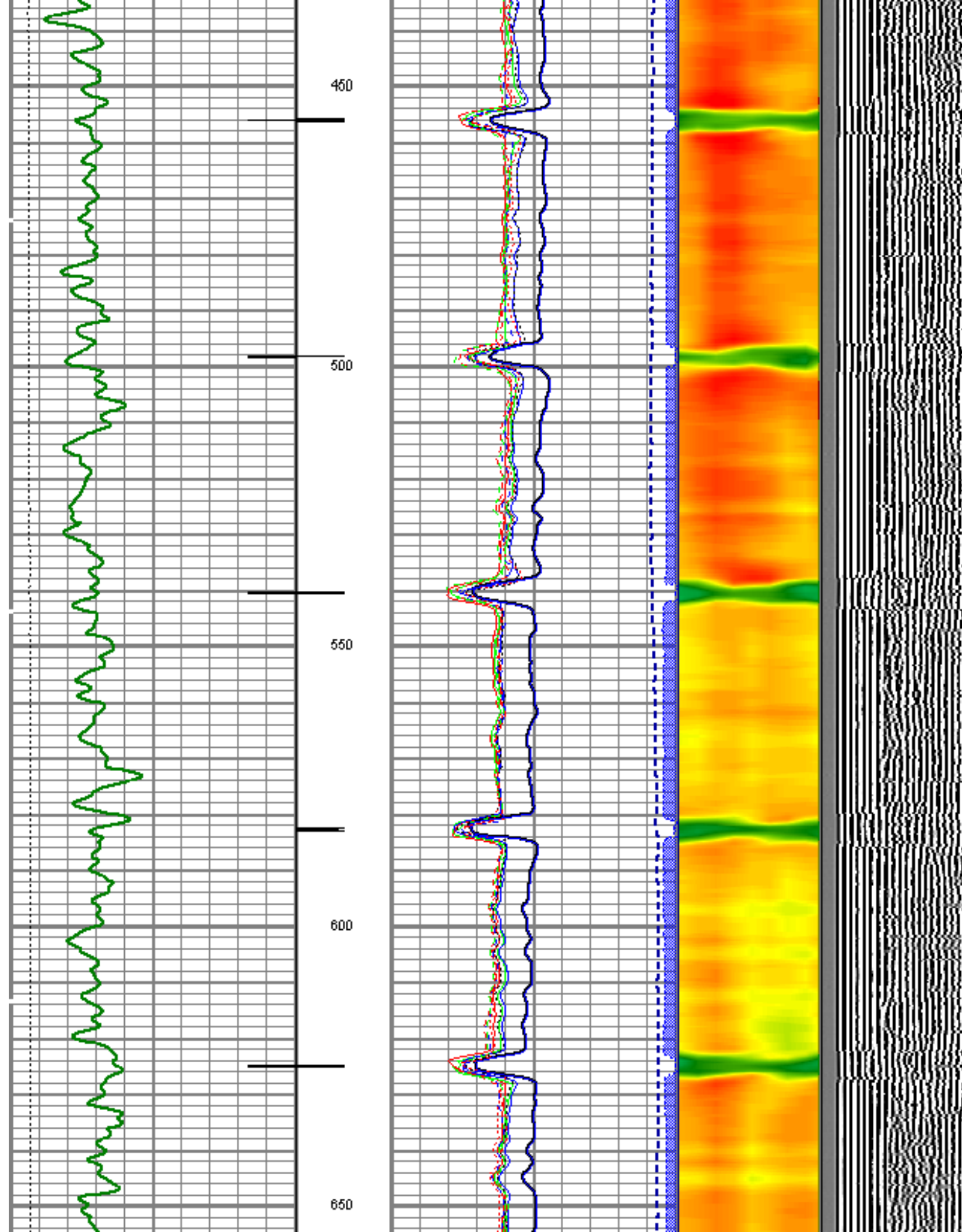
0	Gamma Ray (GAPI)	200
0	LTEN (lb)	4000
	CCL	

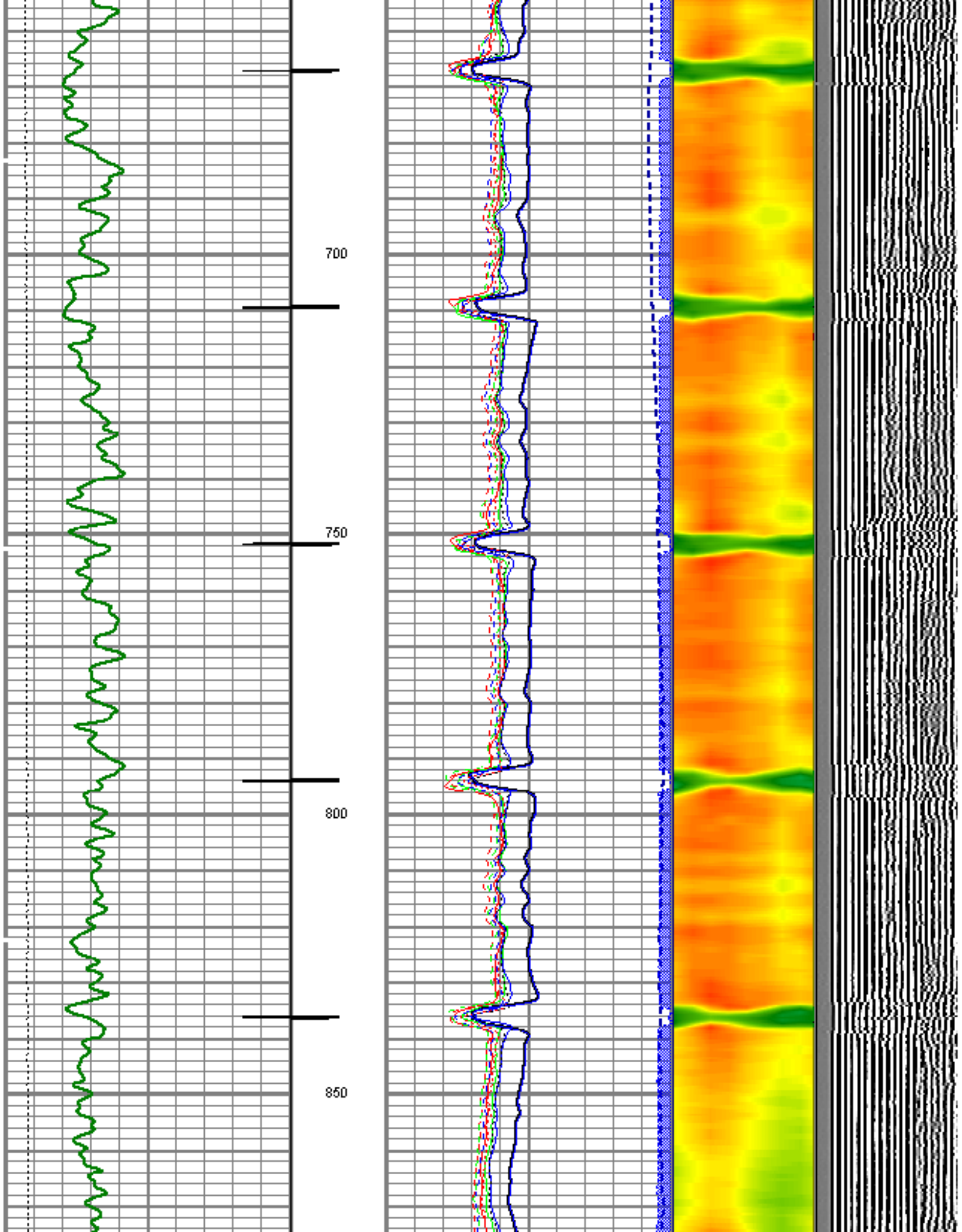
0	Amplitude (mV)	100
0	temp (degF)	100
0	TT3FT (usec)	195
0	1AMP3FT (mV)	100

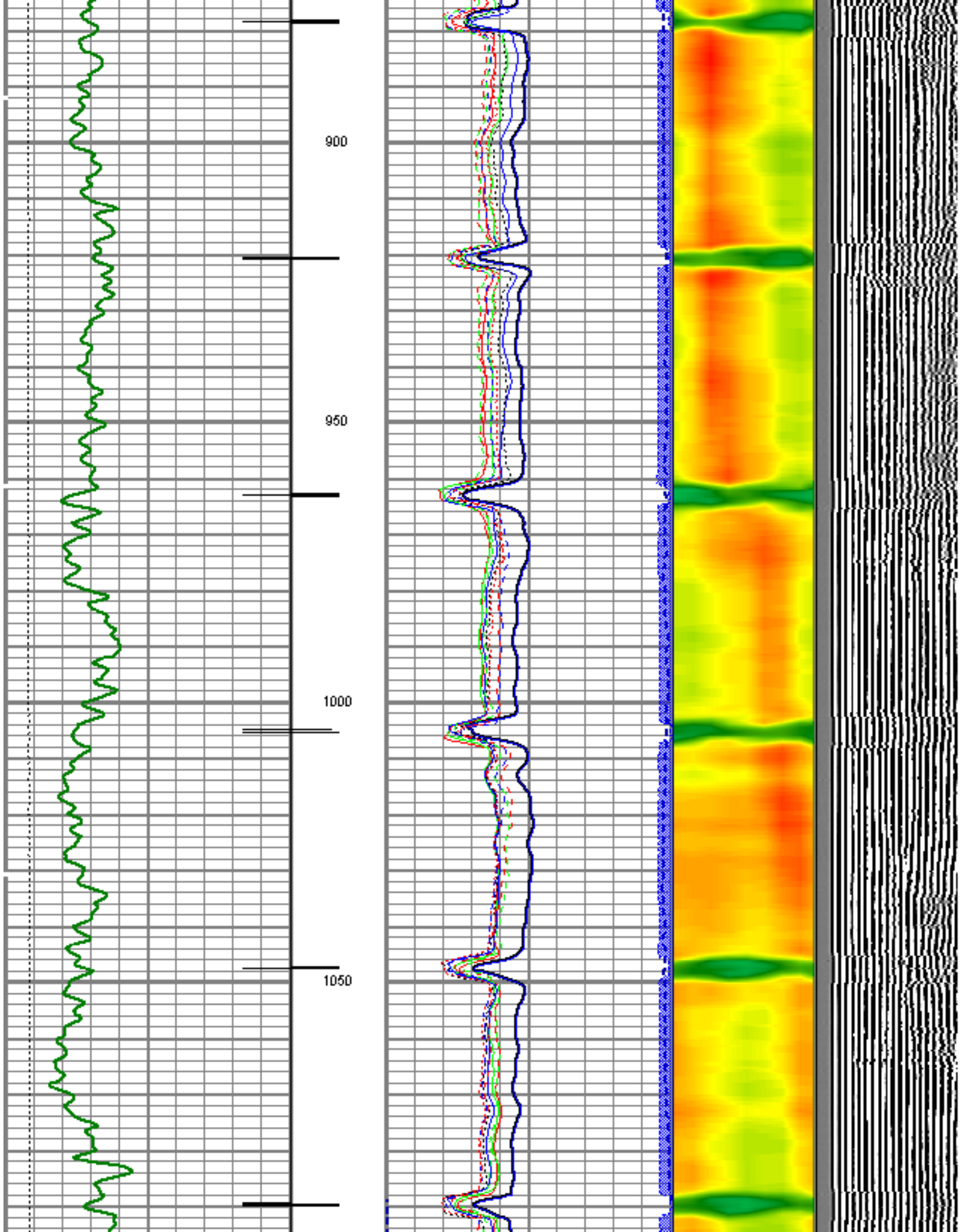
1	SECTORS	8	Variable Density
0		70	200 1200

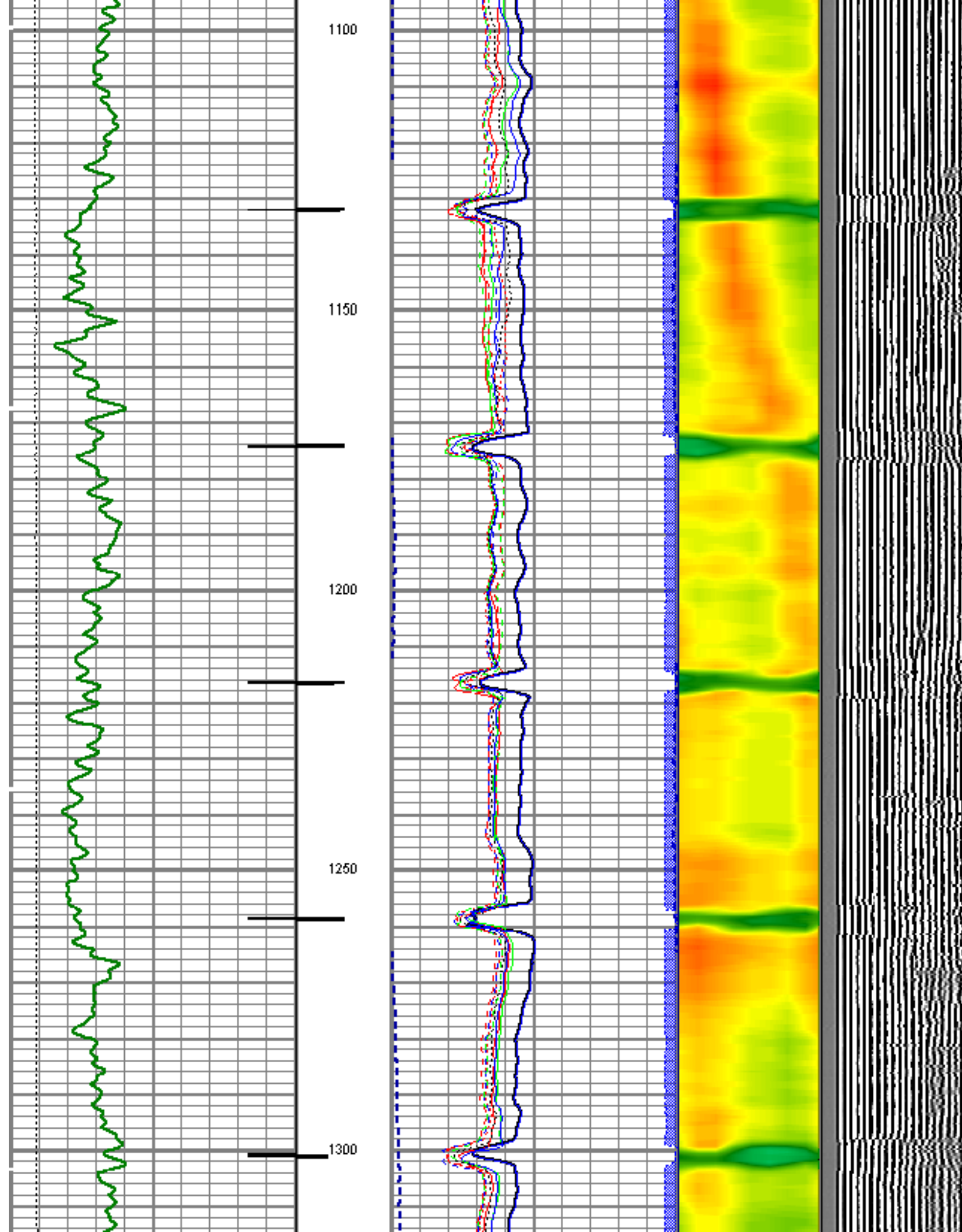


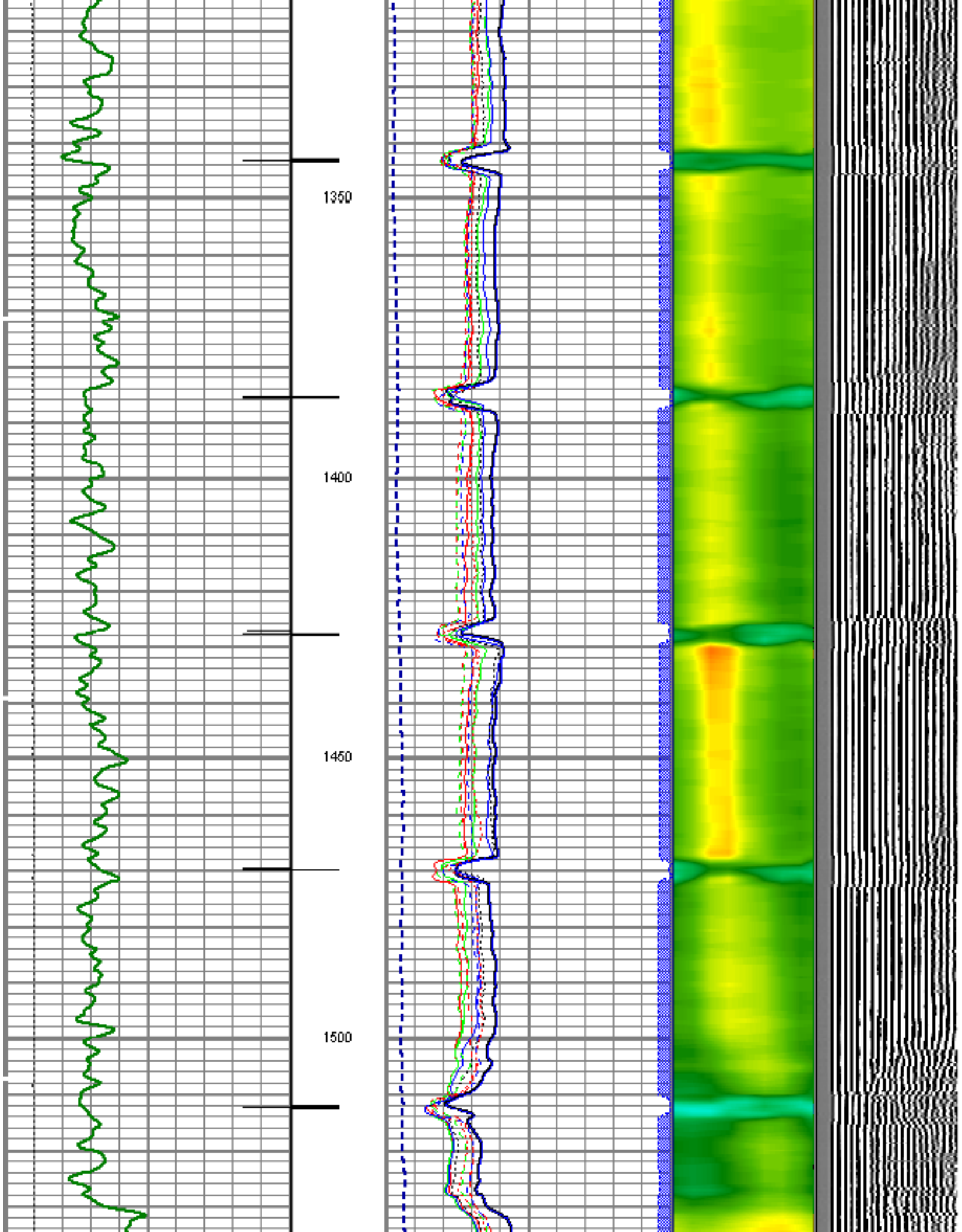


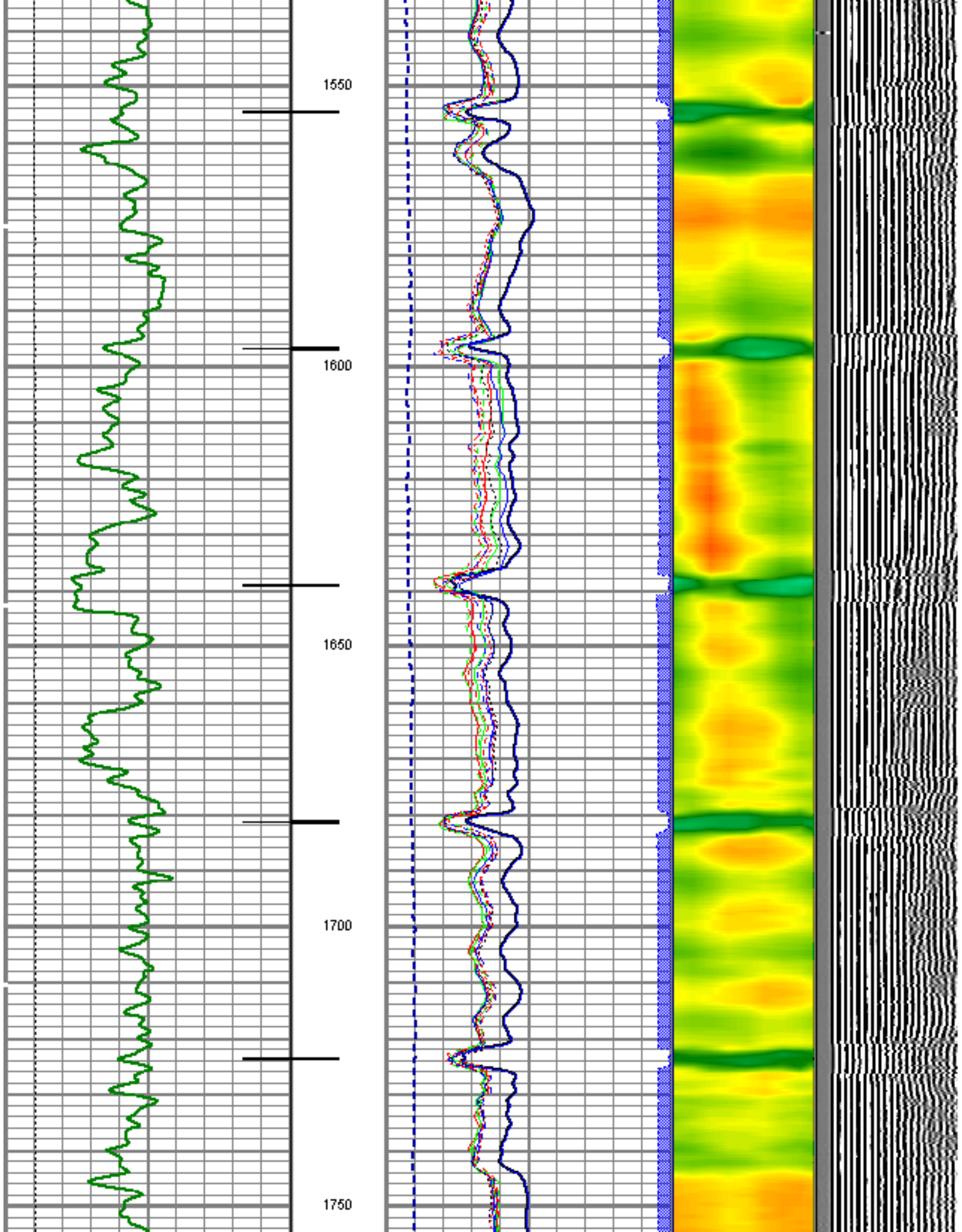


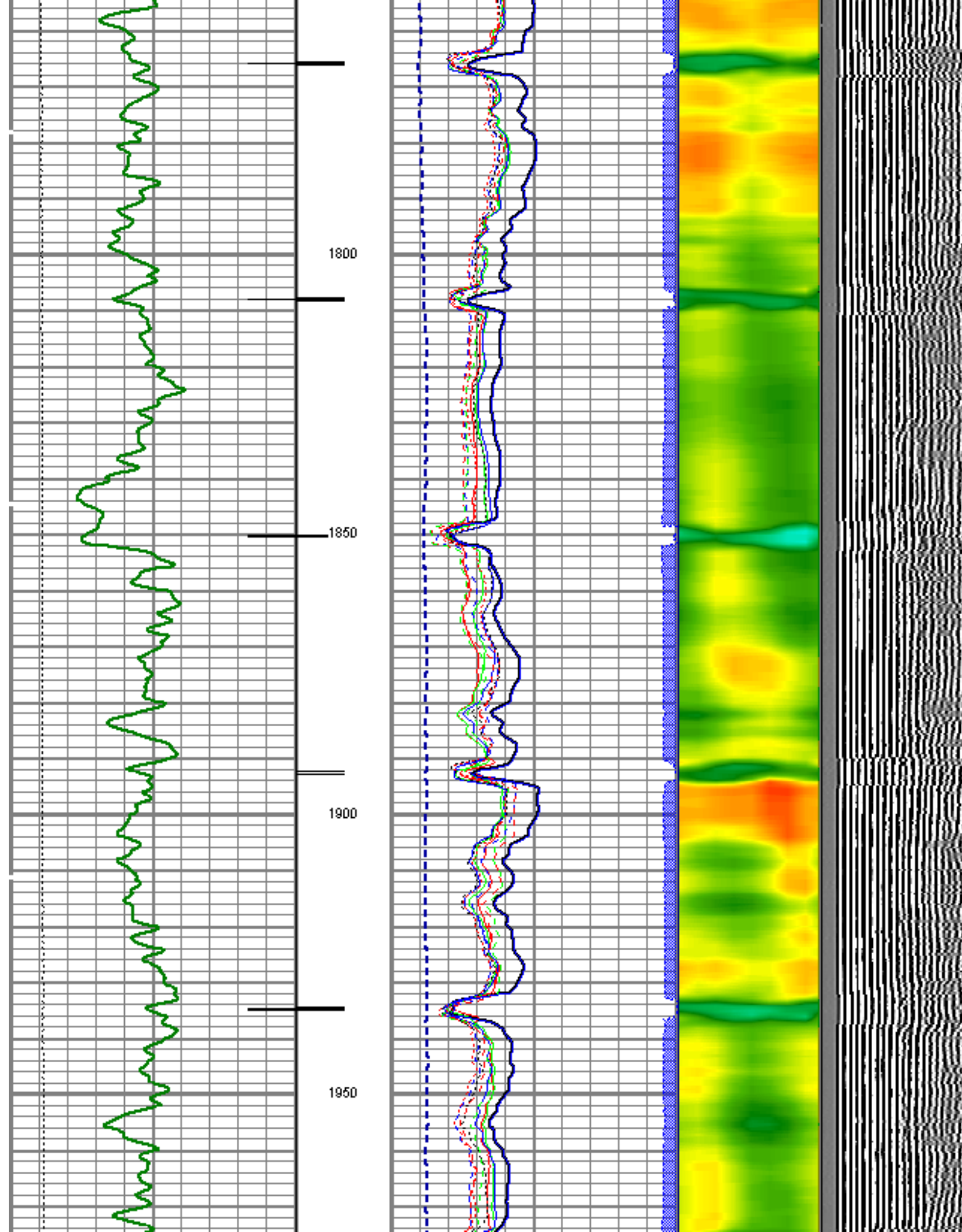


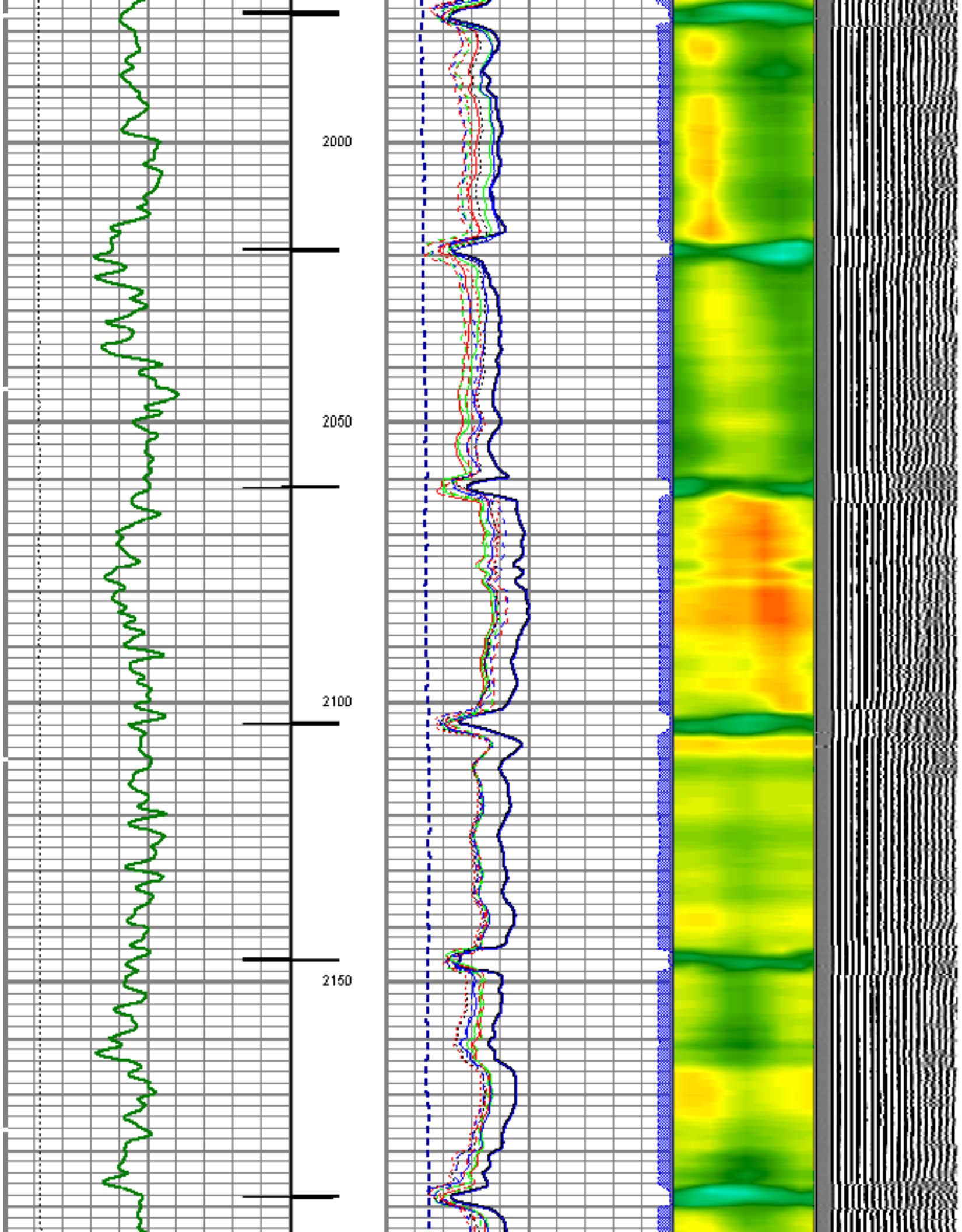


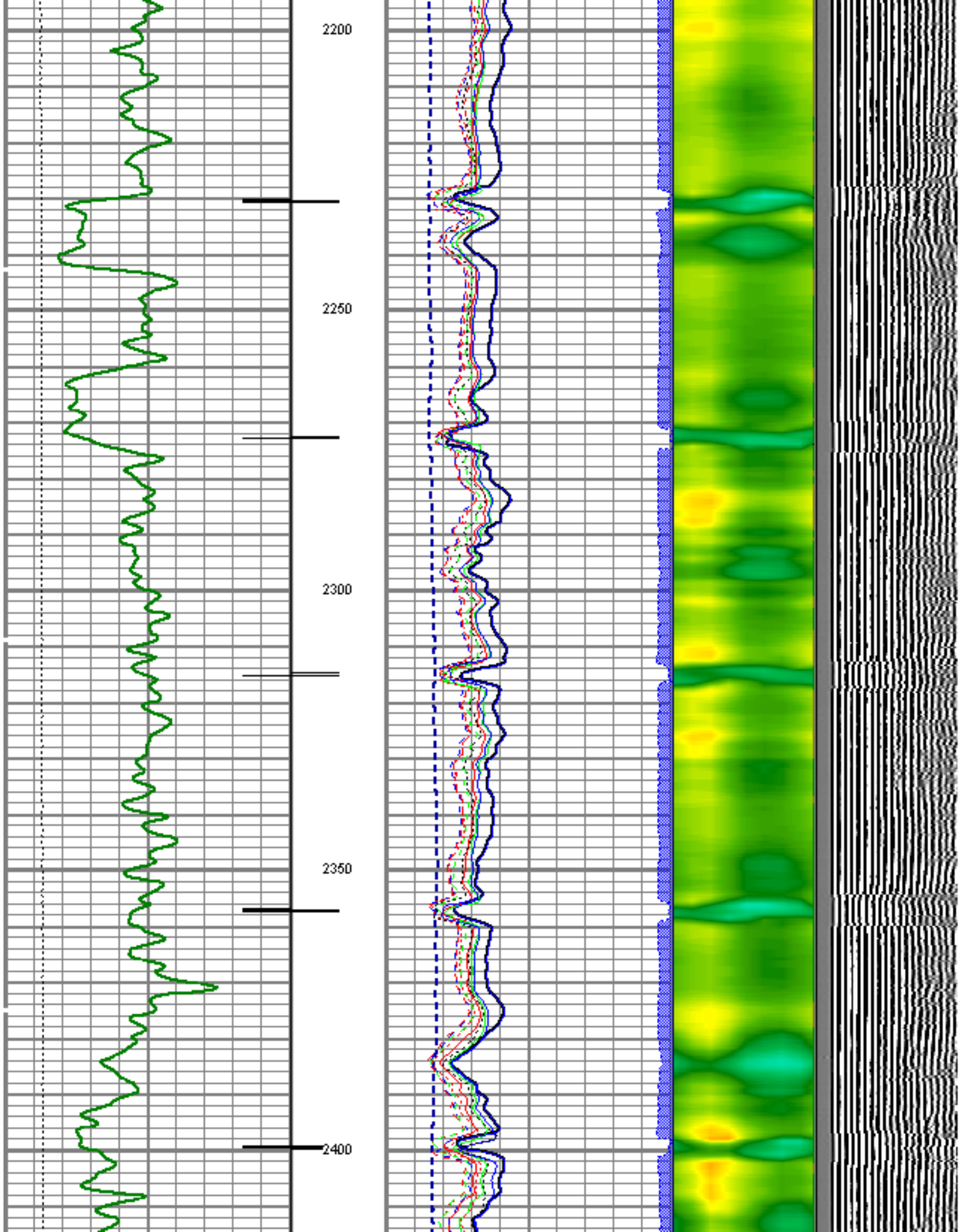


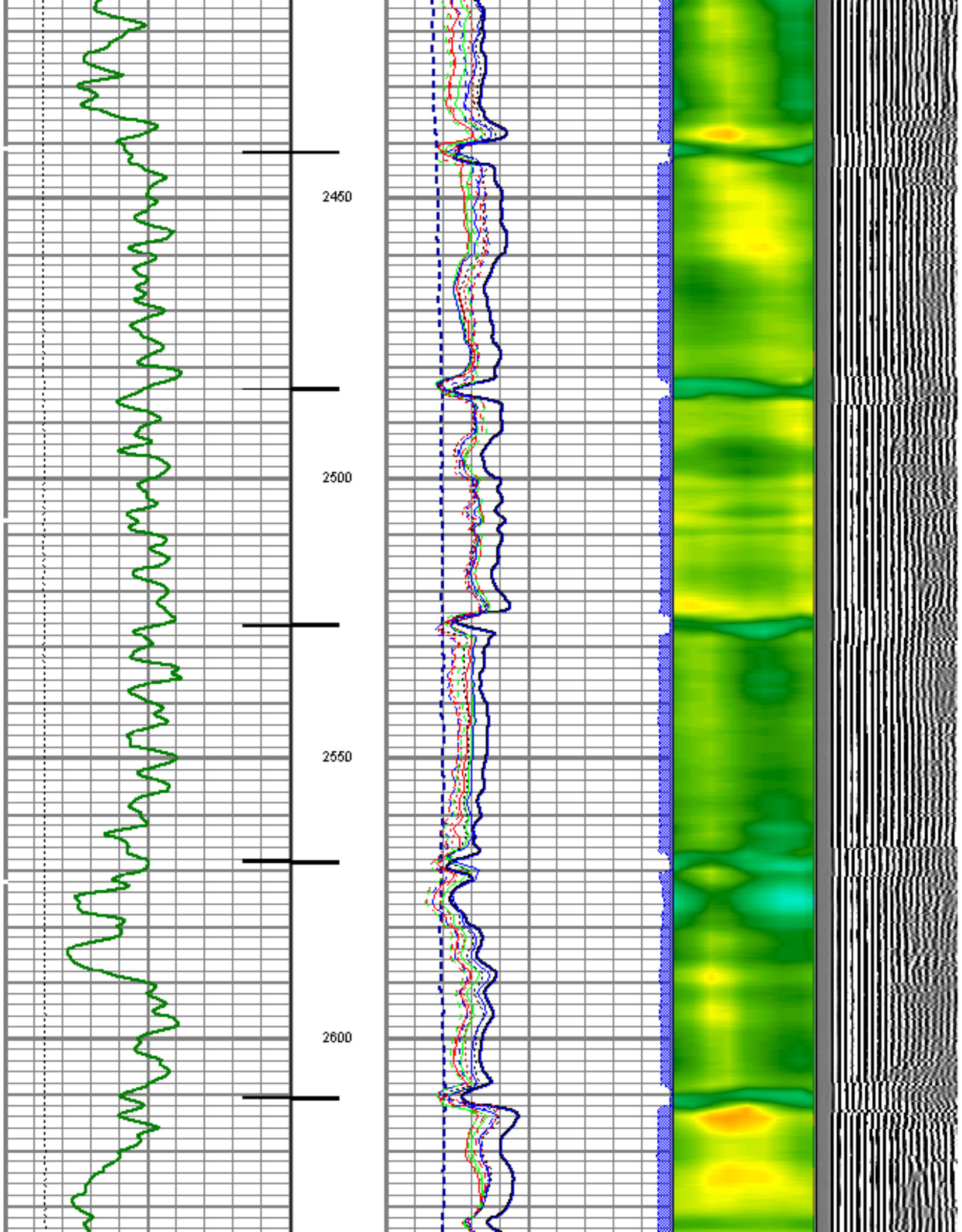


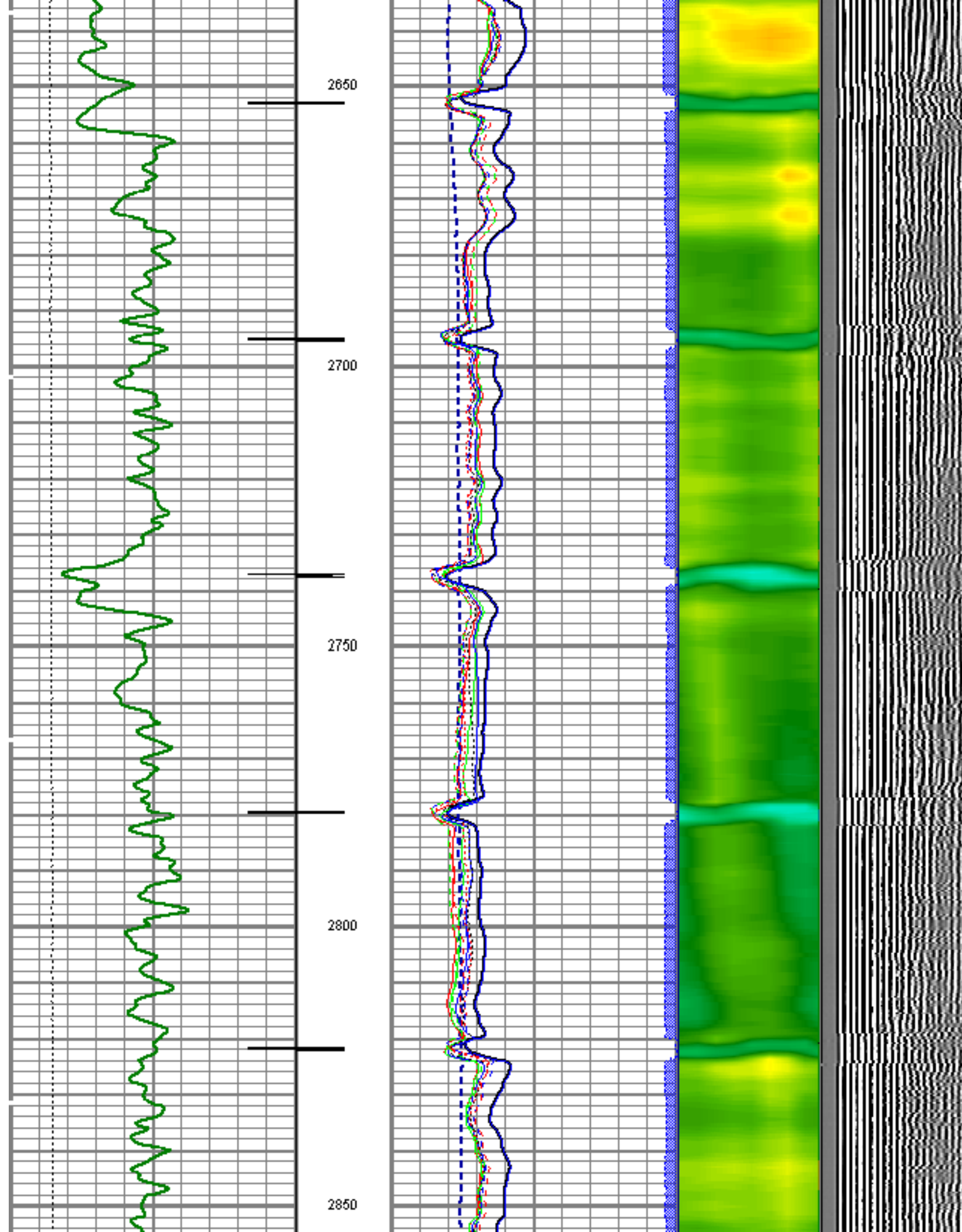


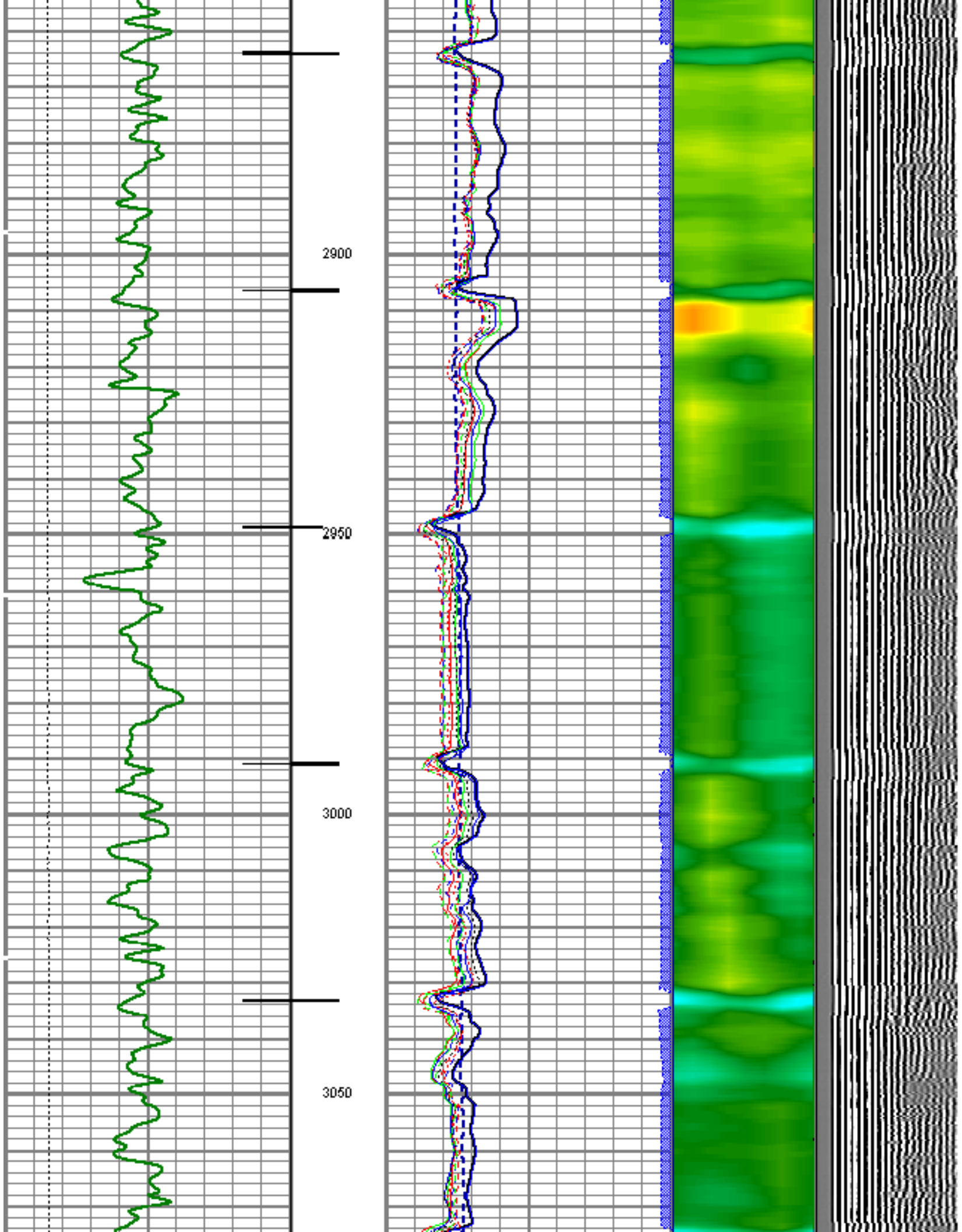


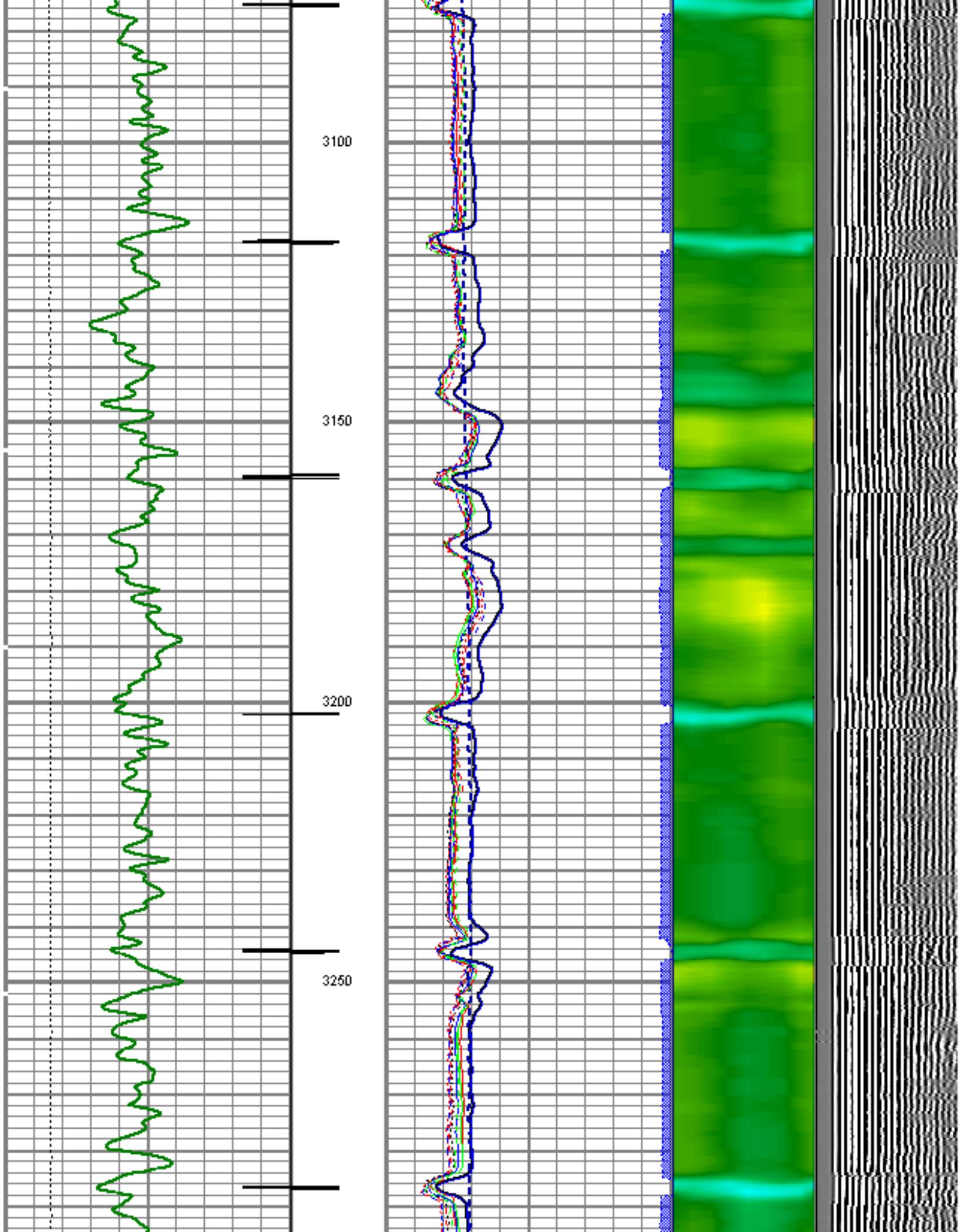


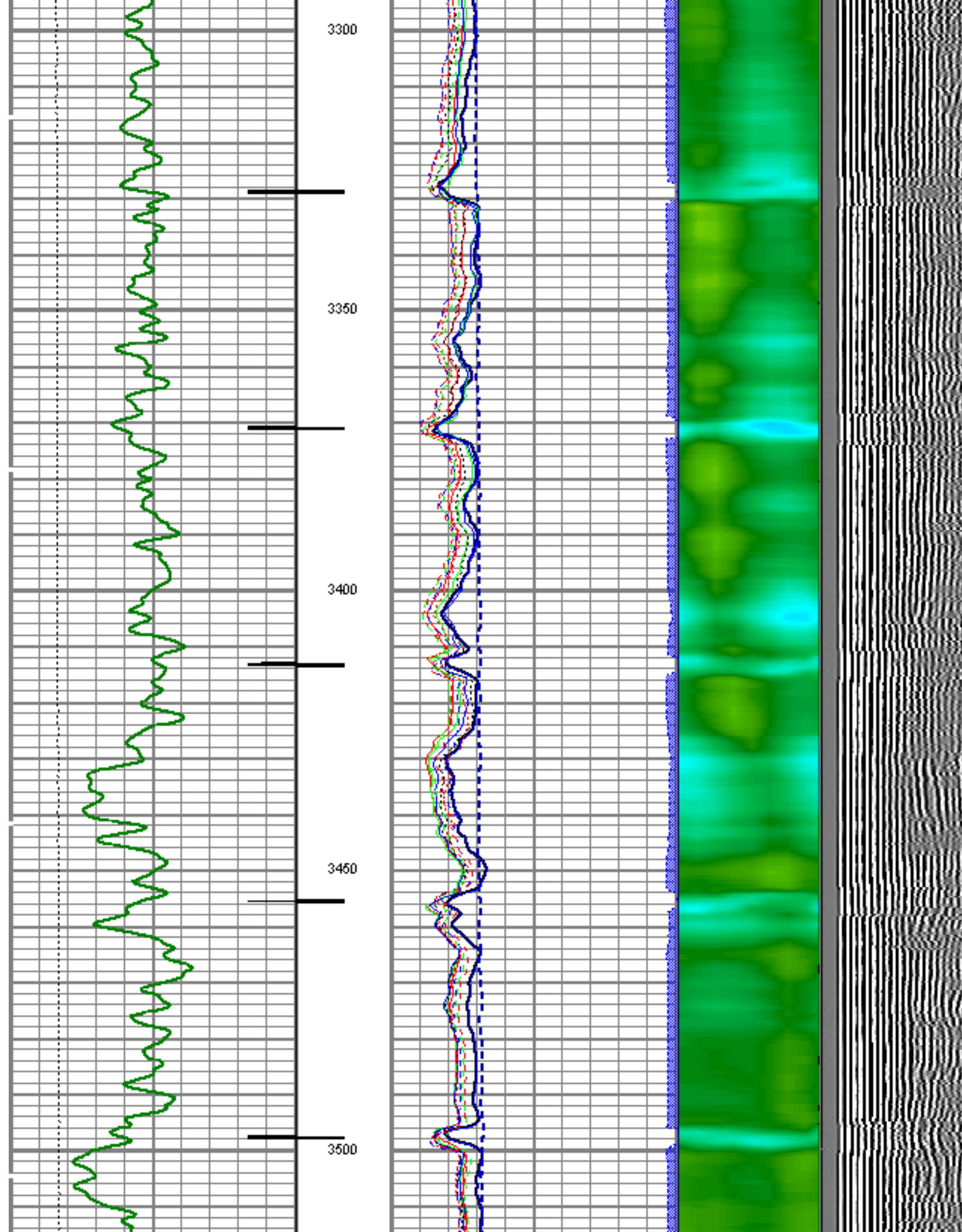


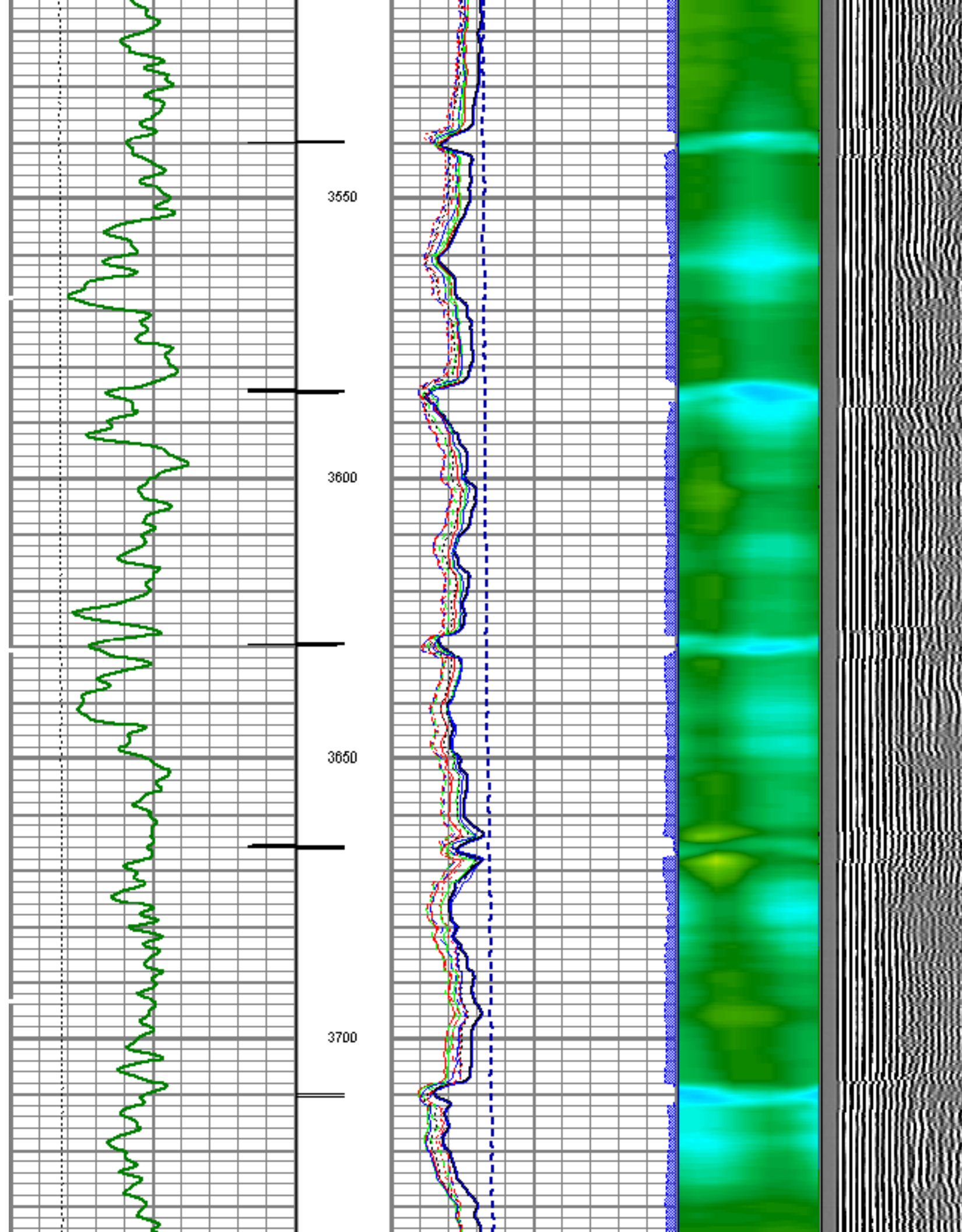


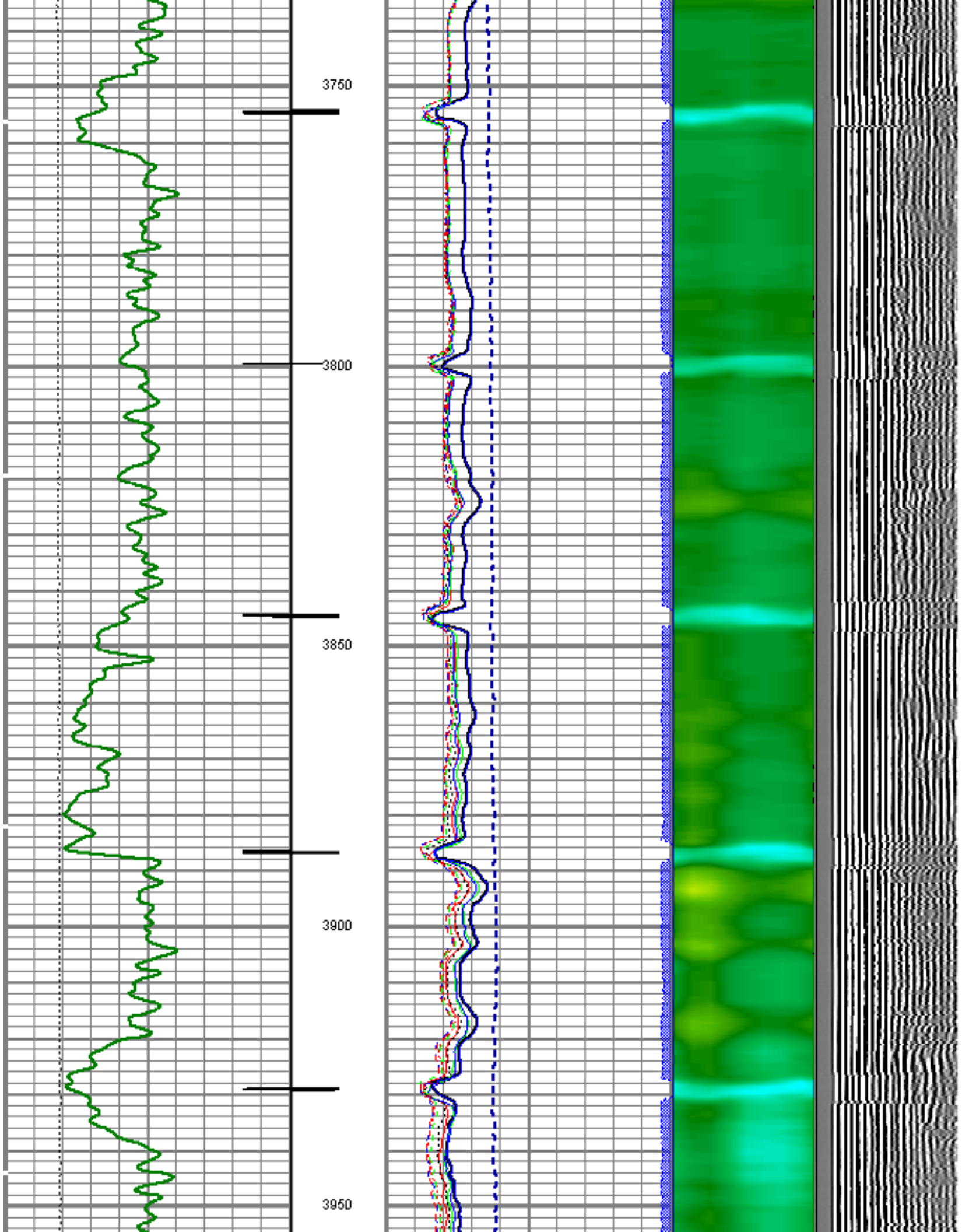


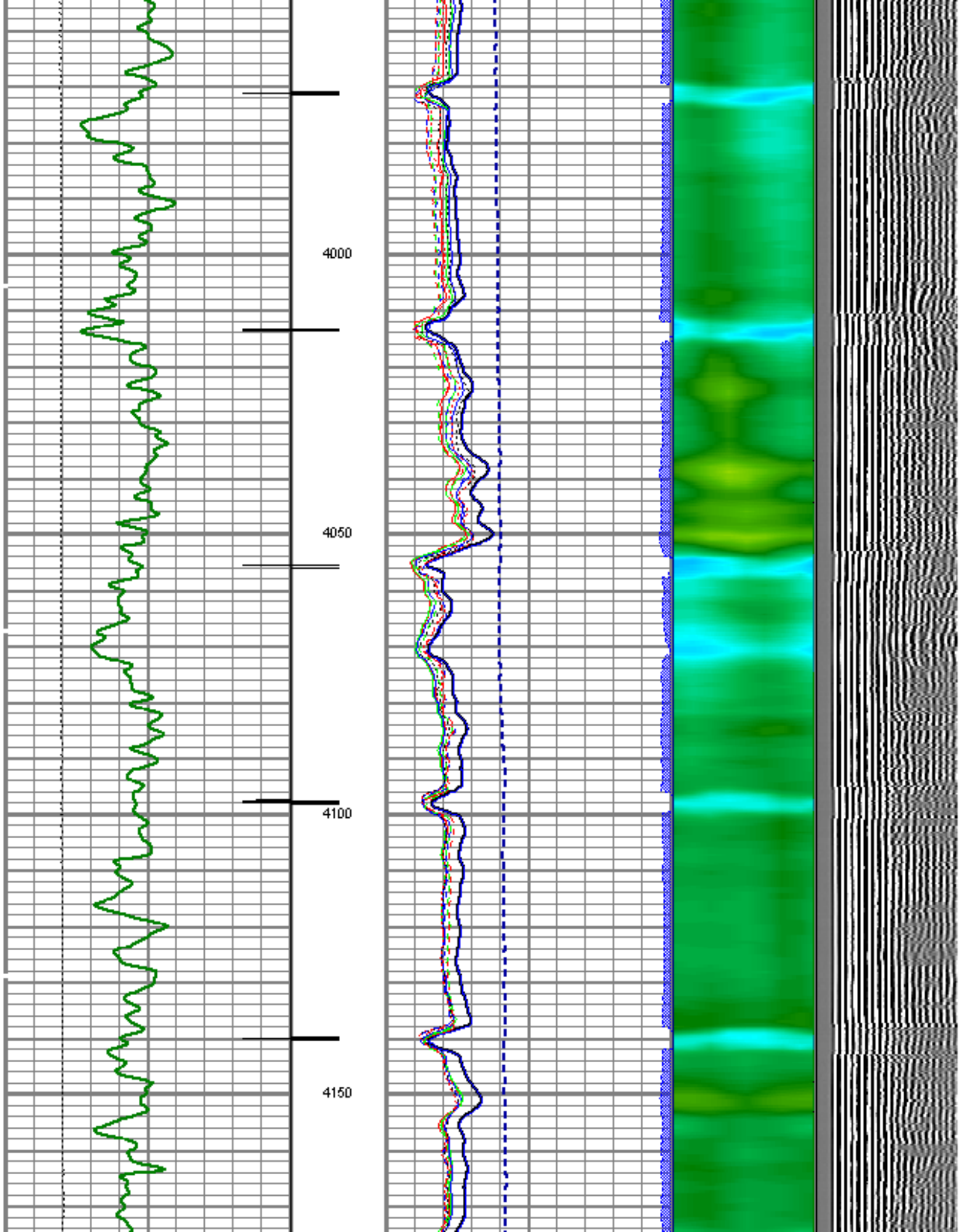


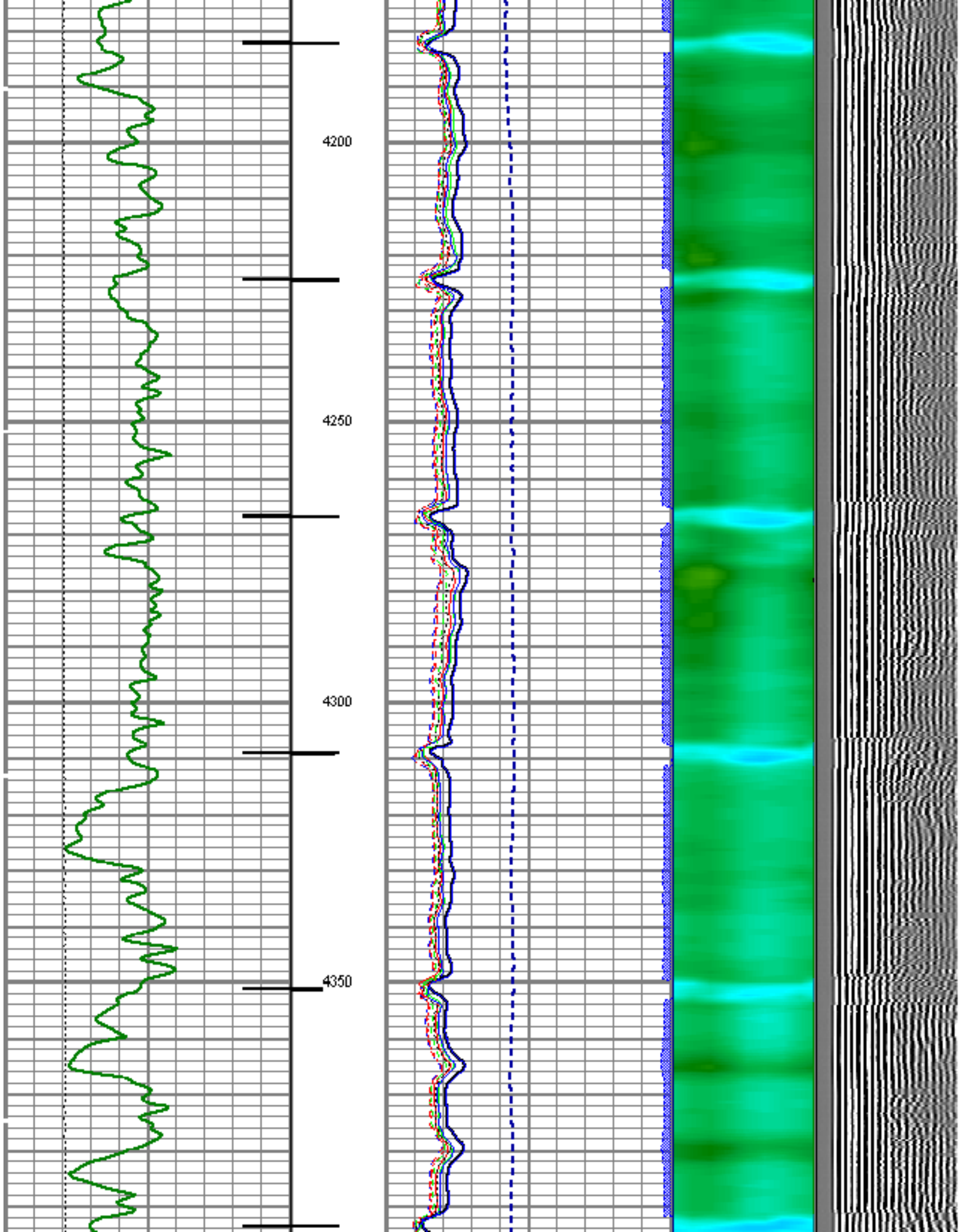


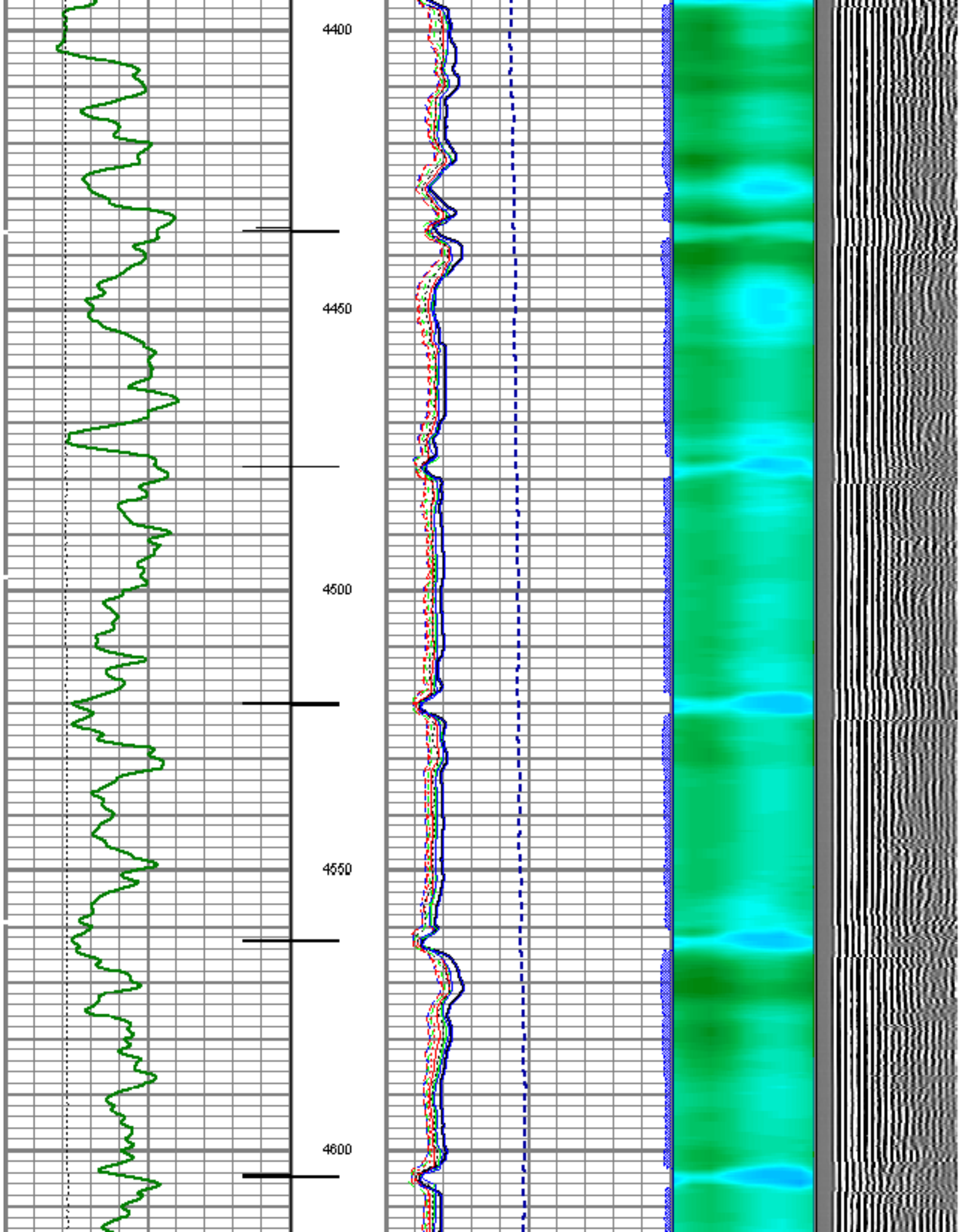


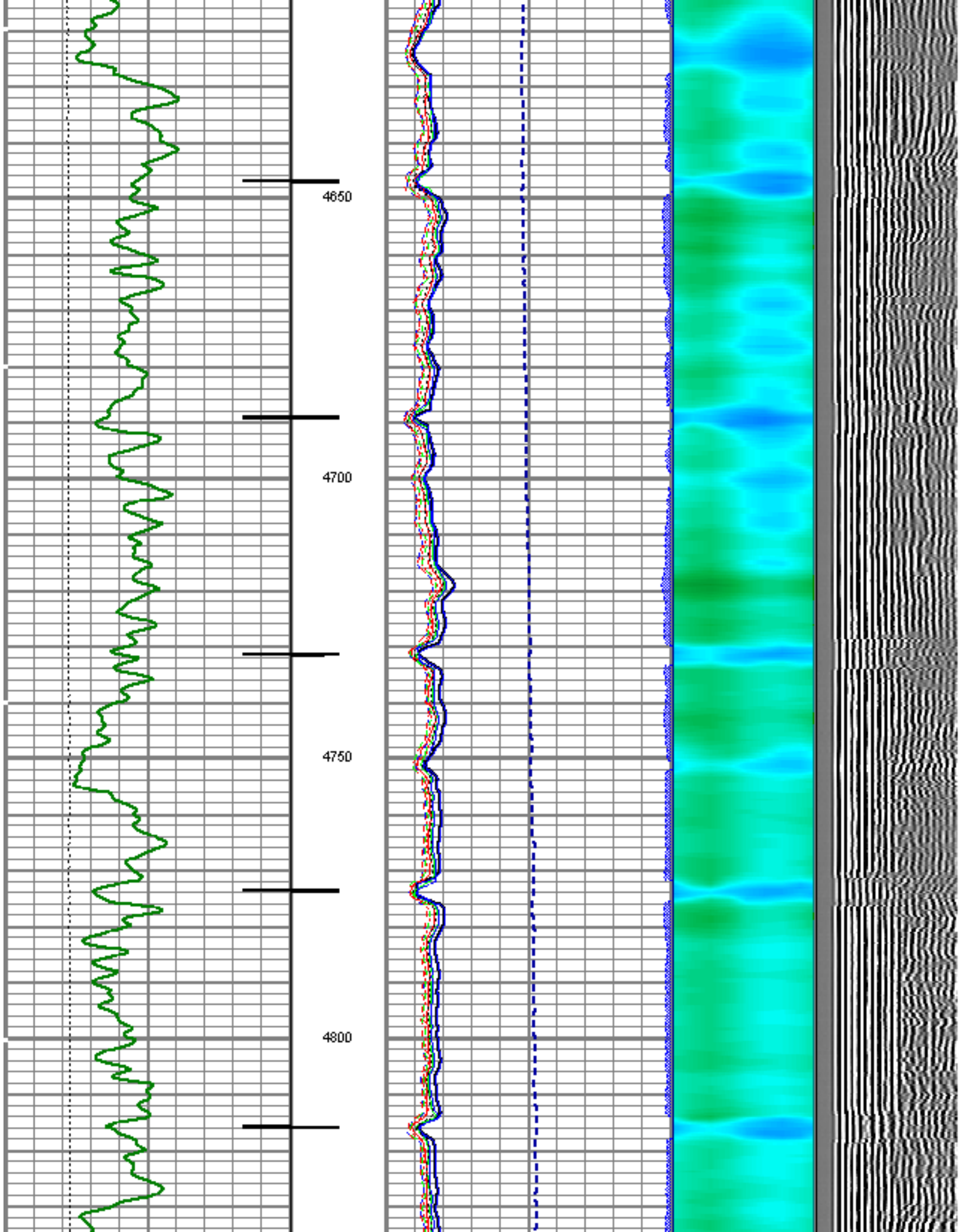


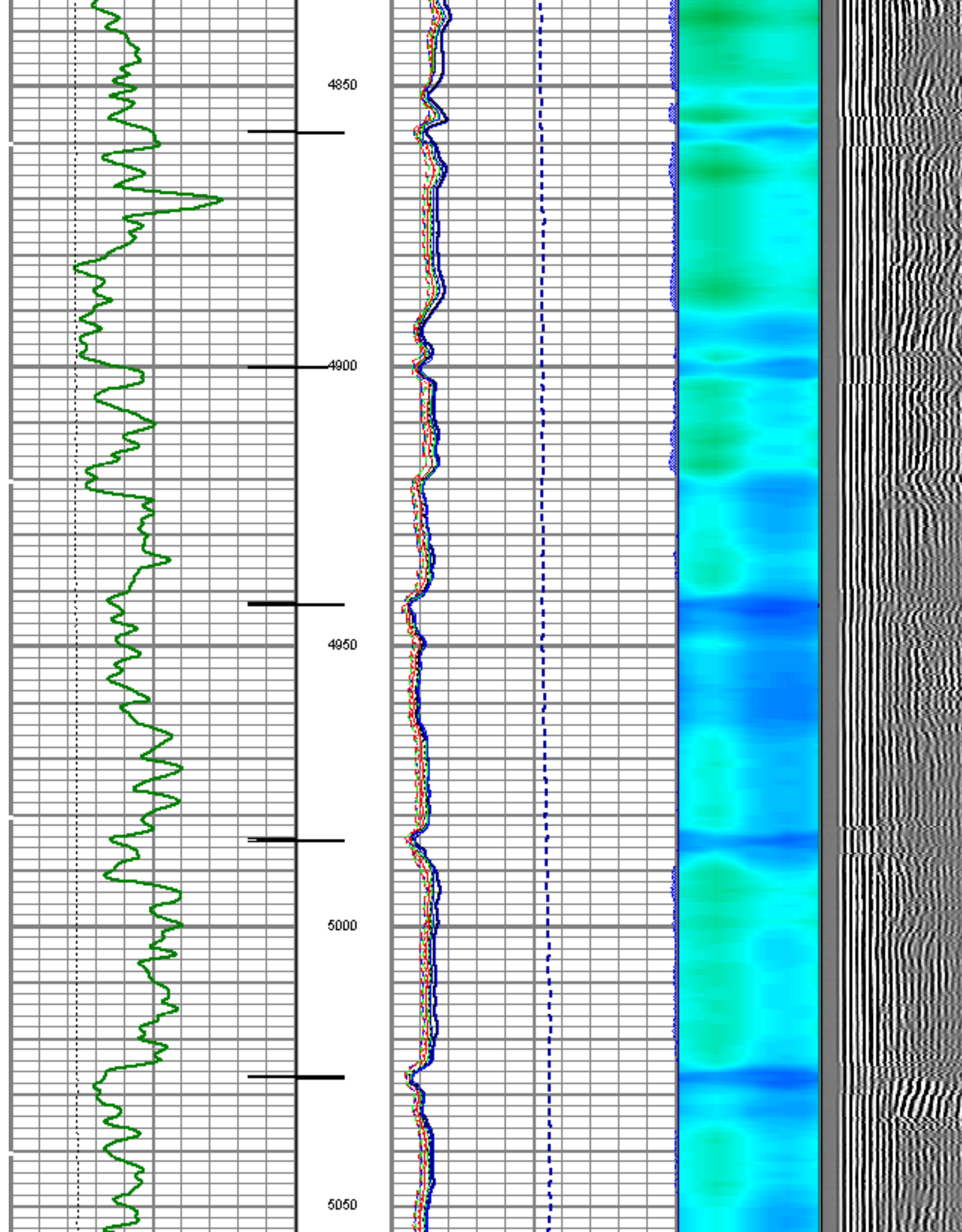


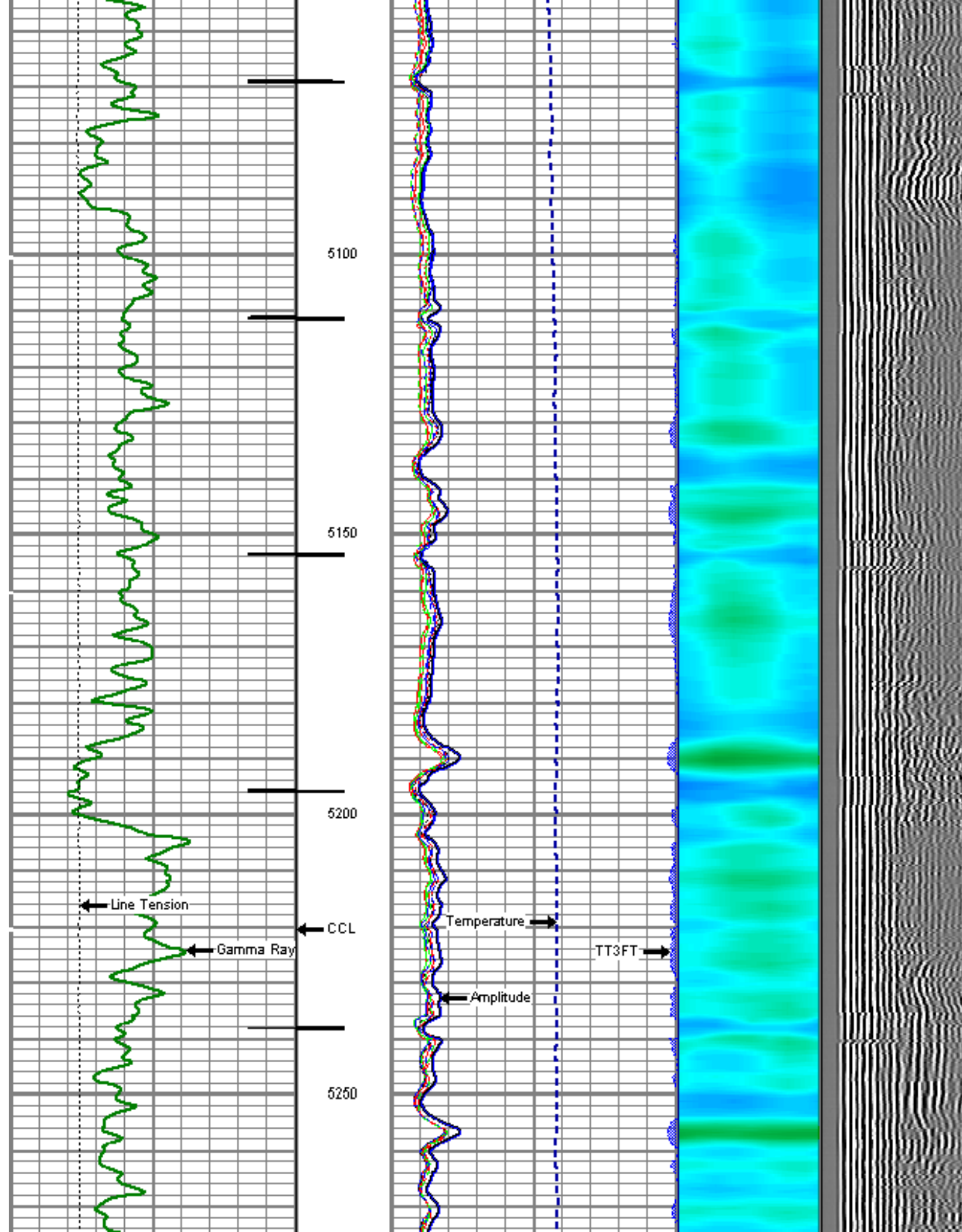


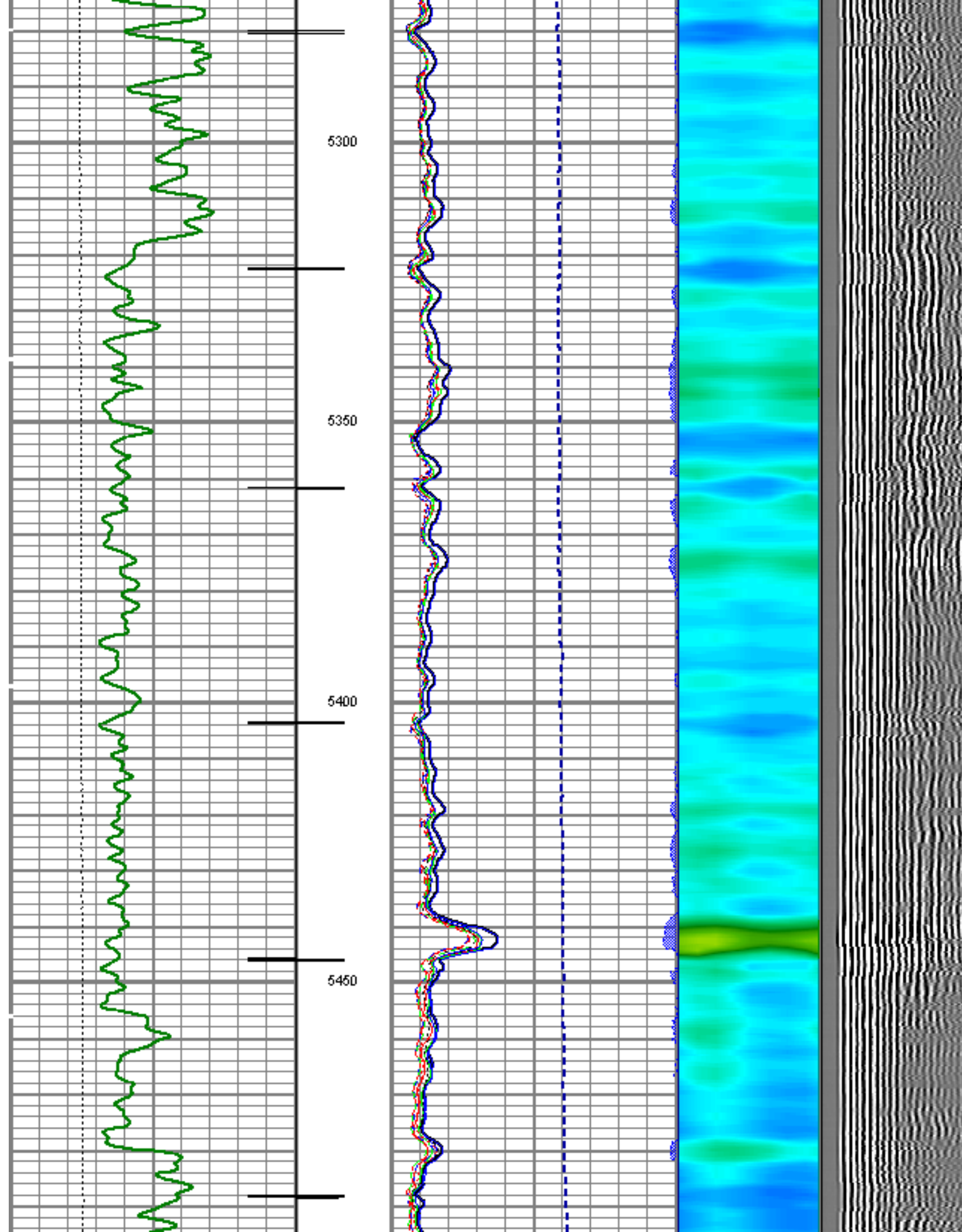


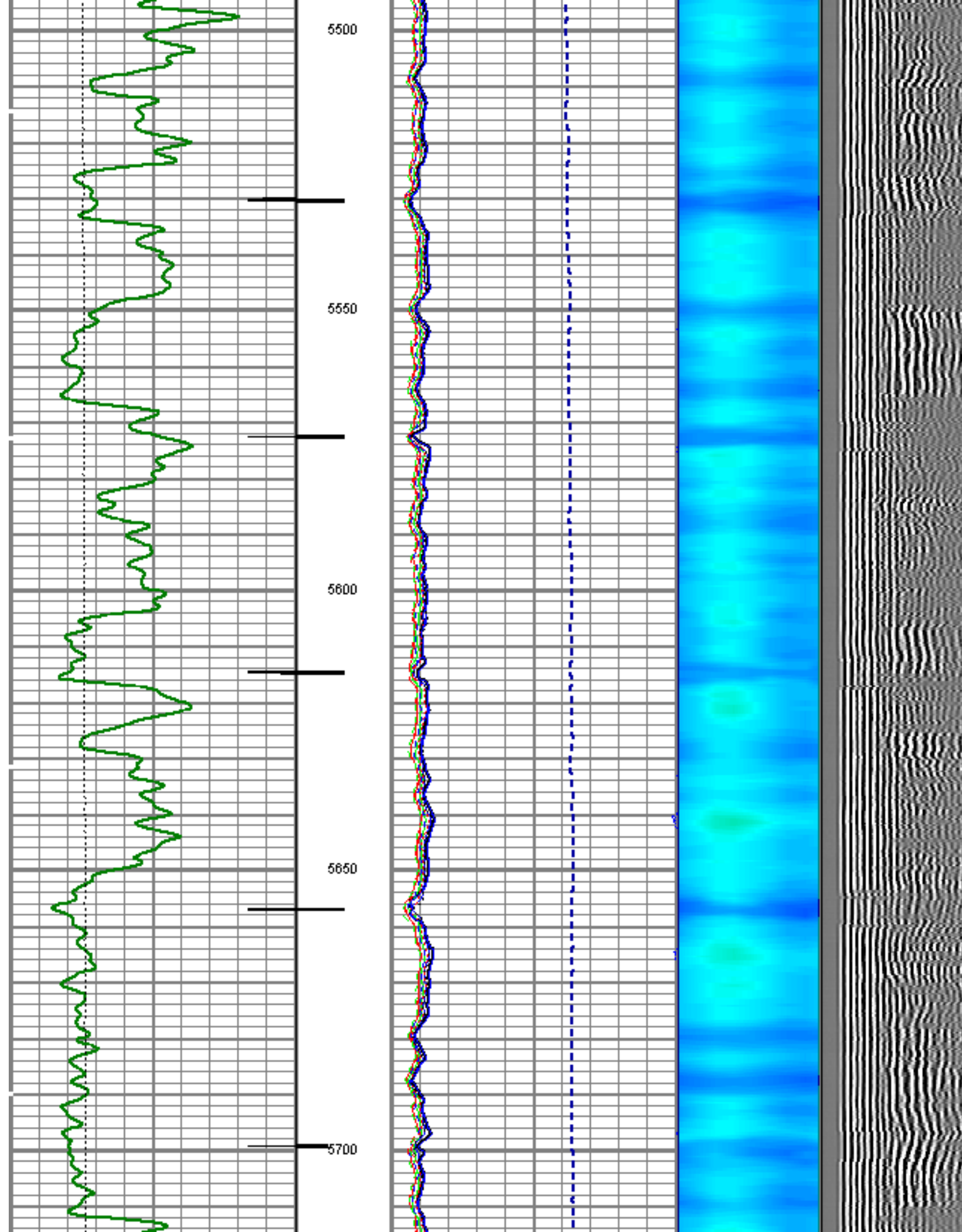


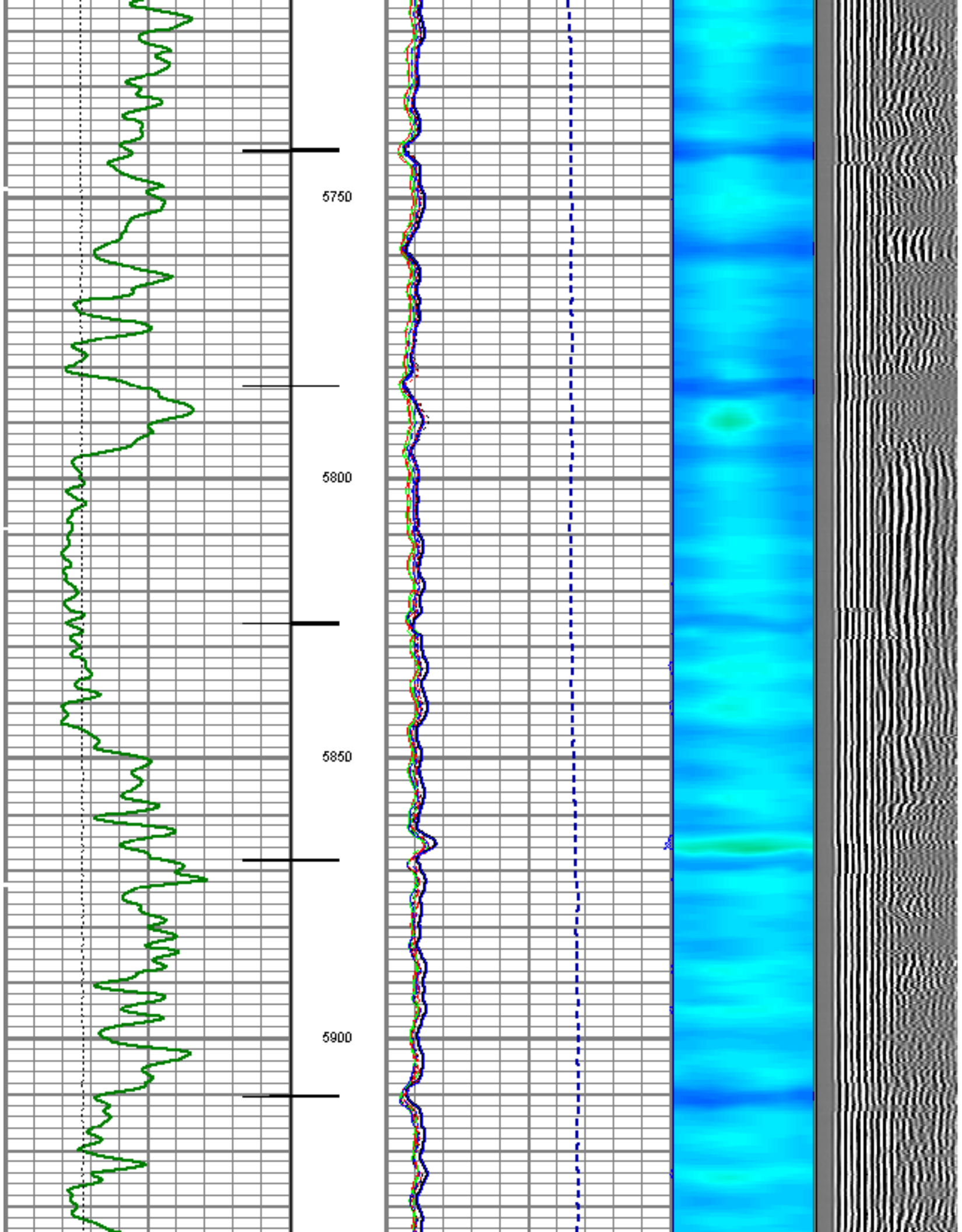


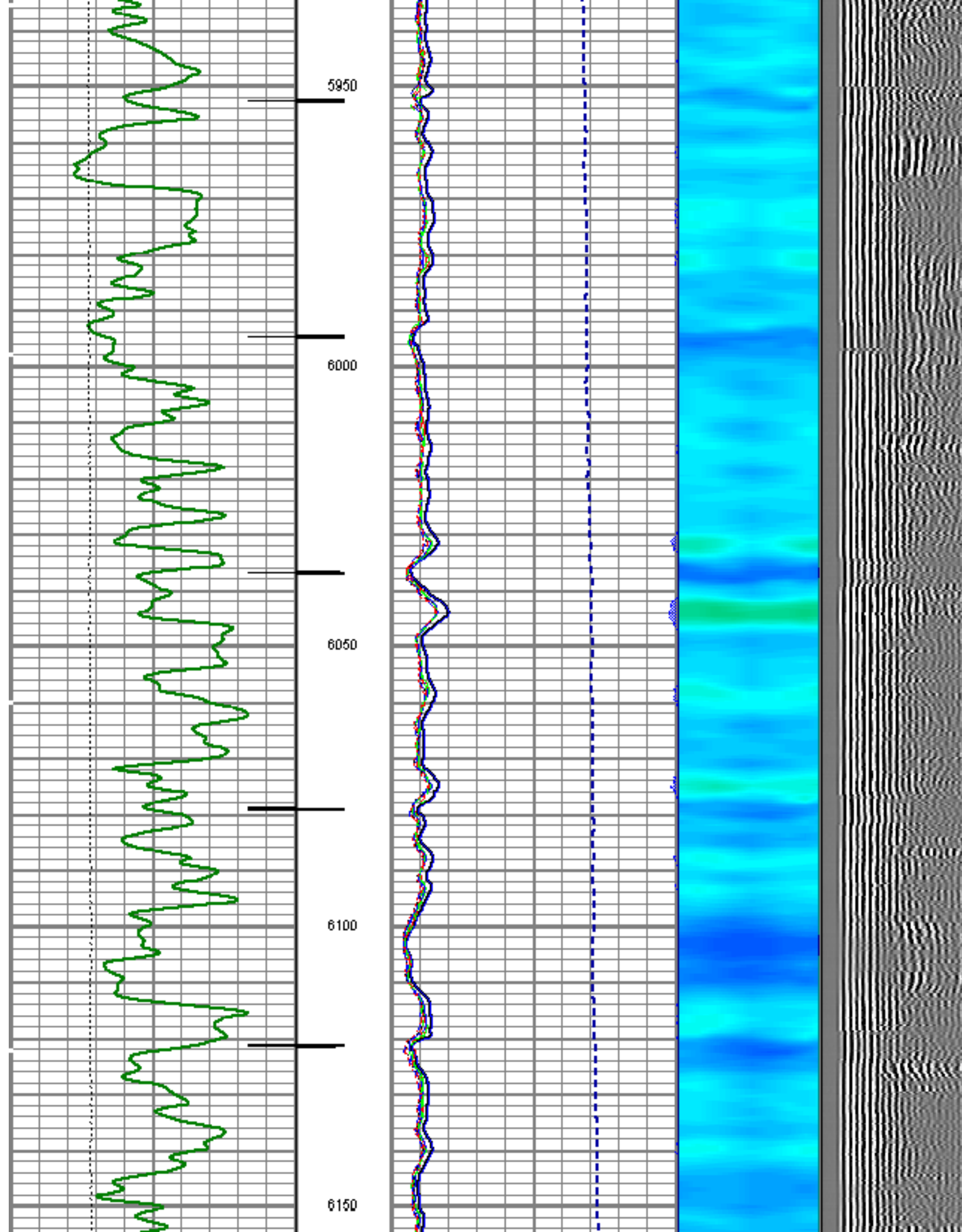


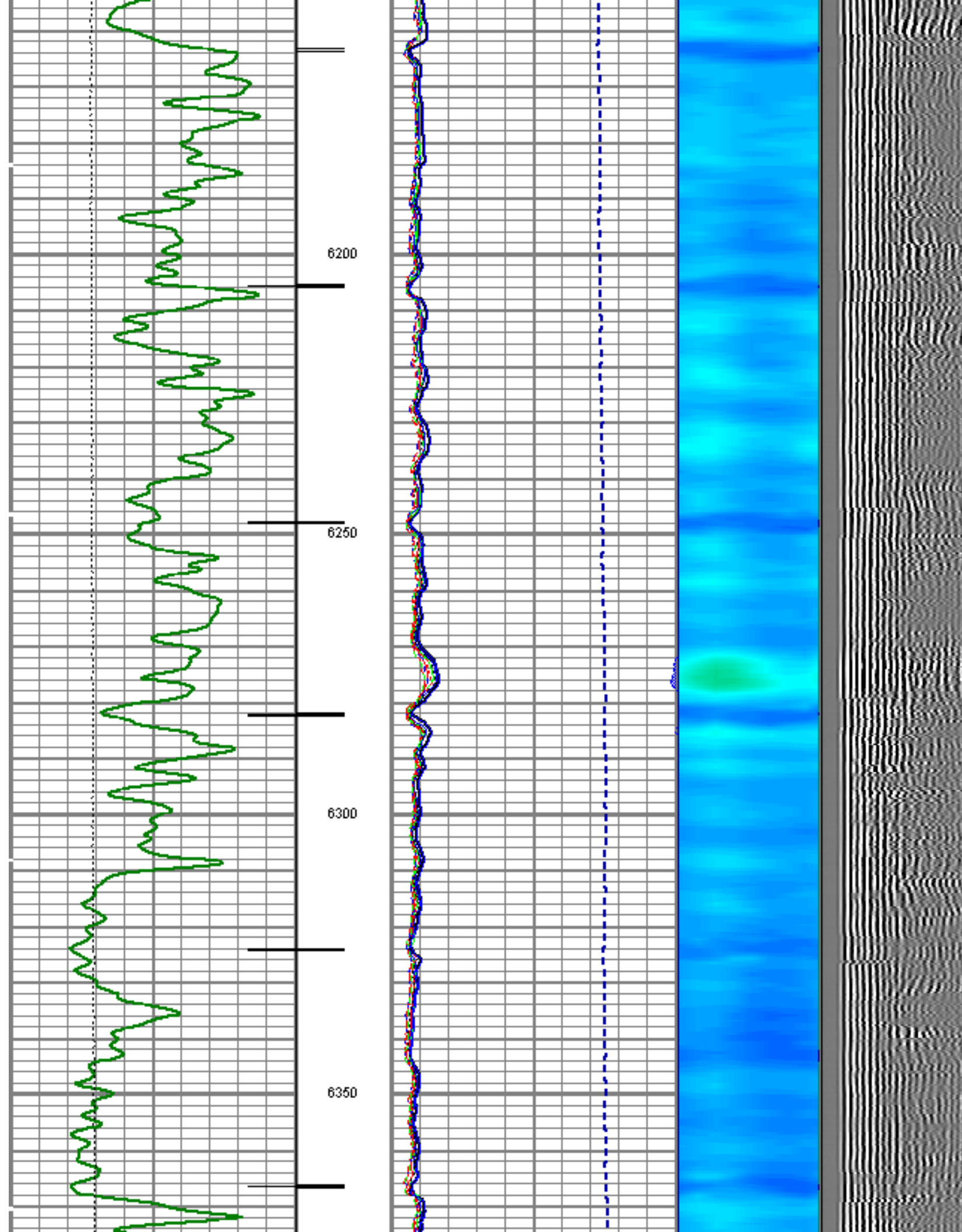


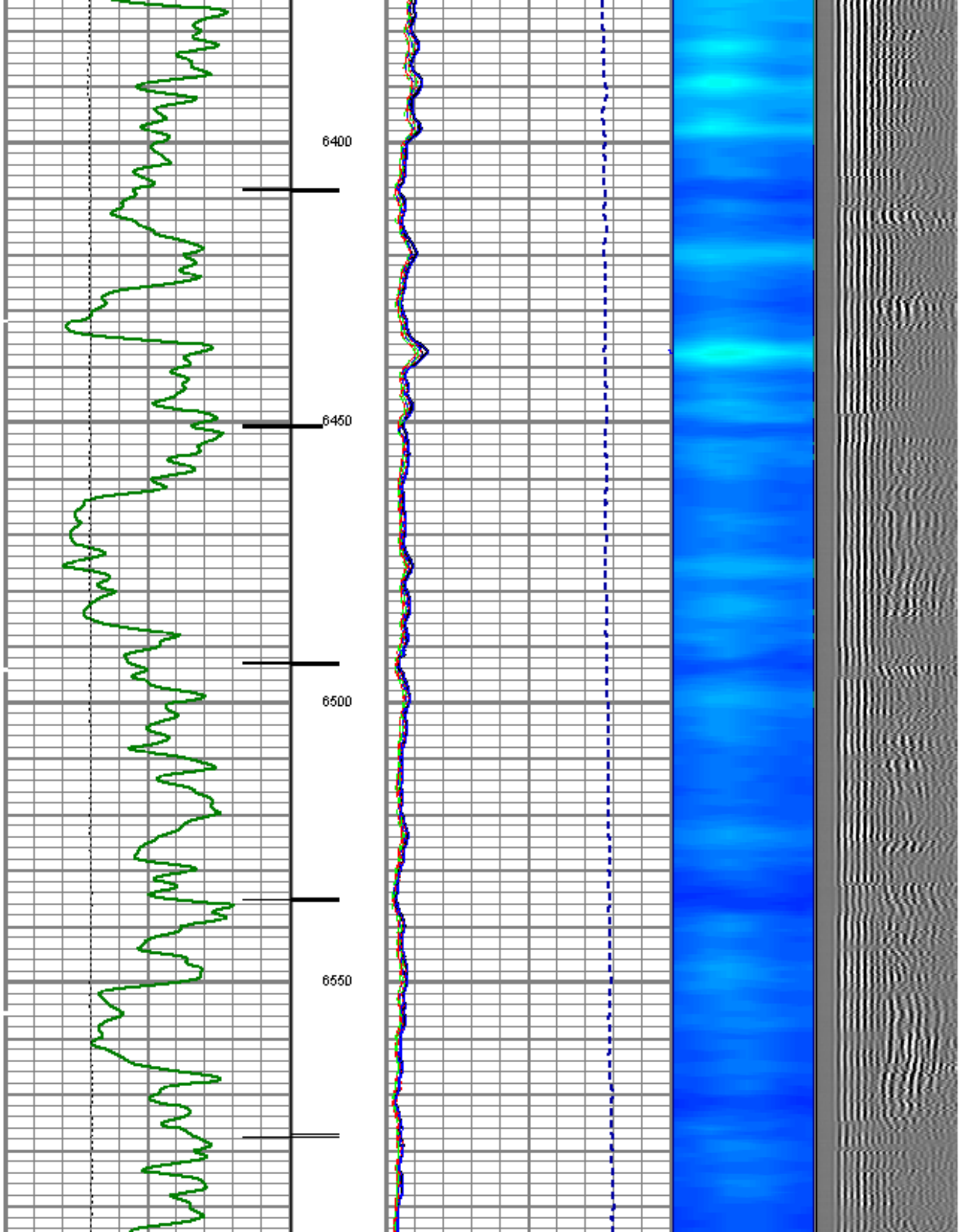


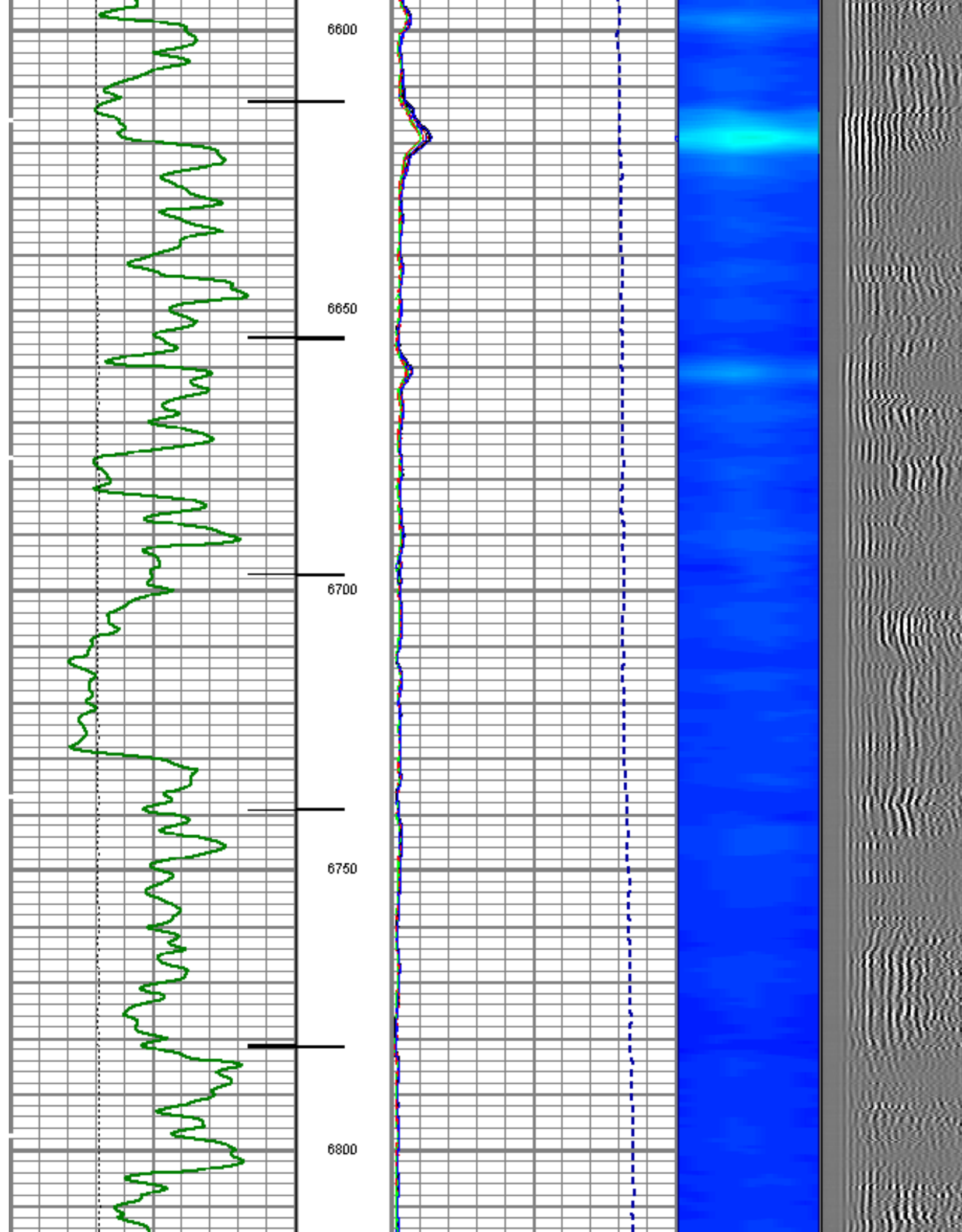


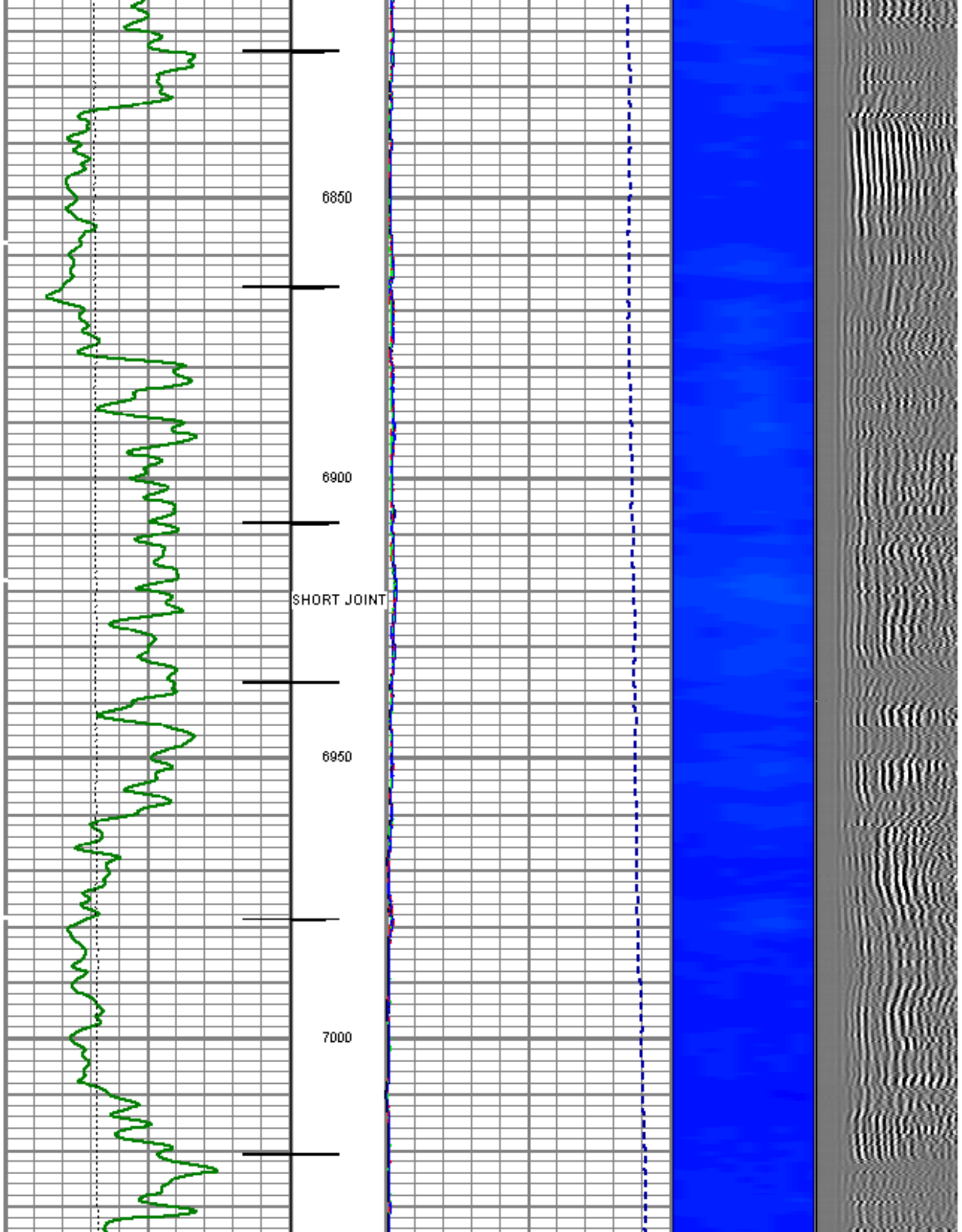


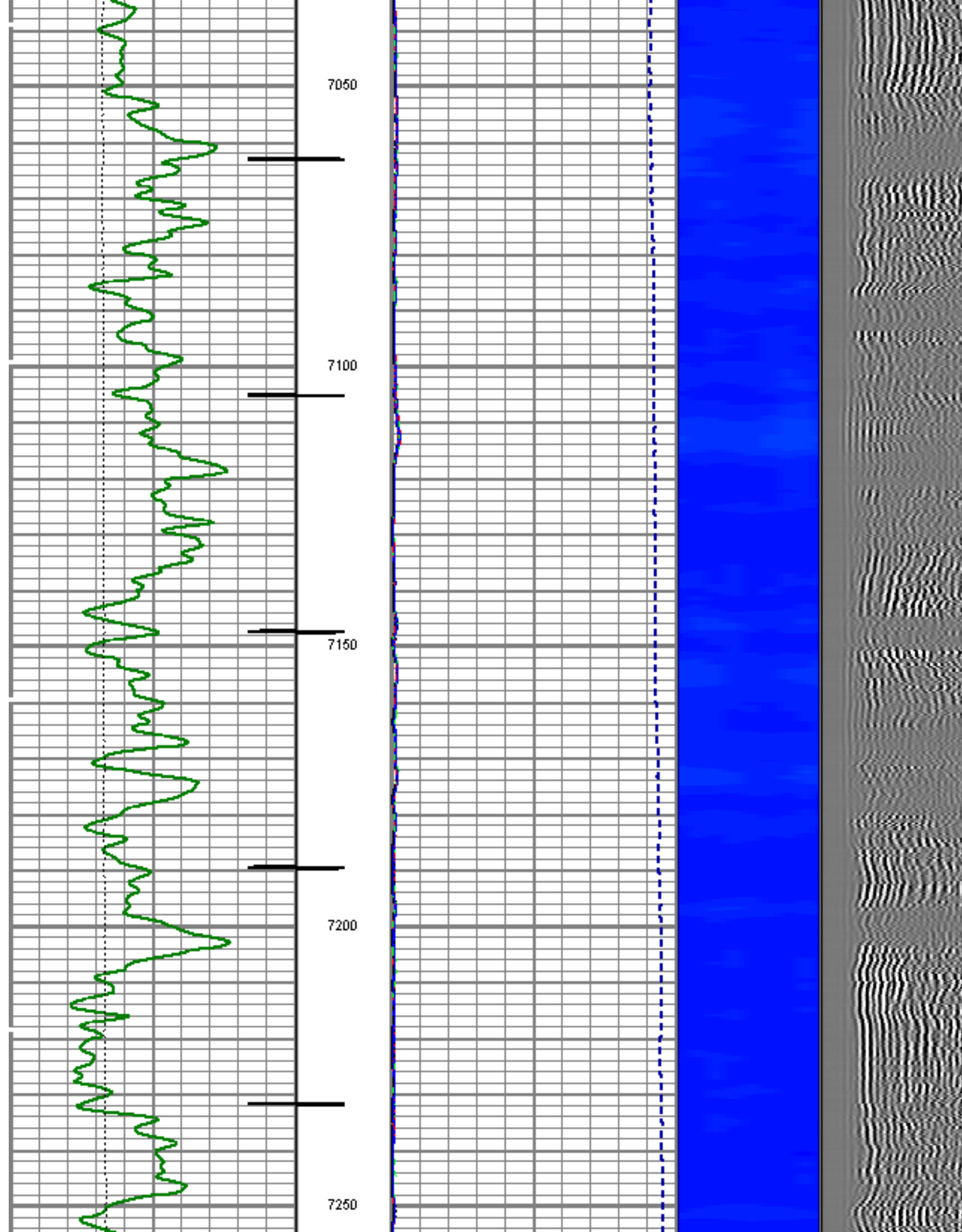


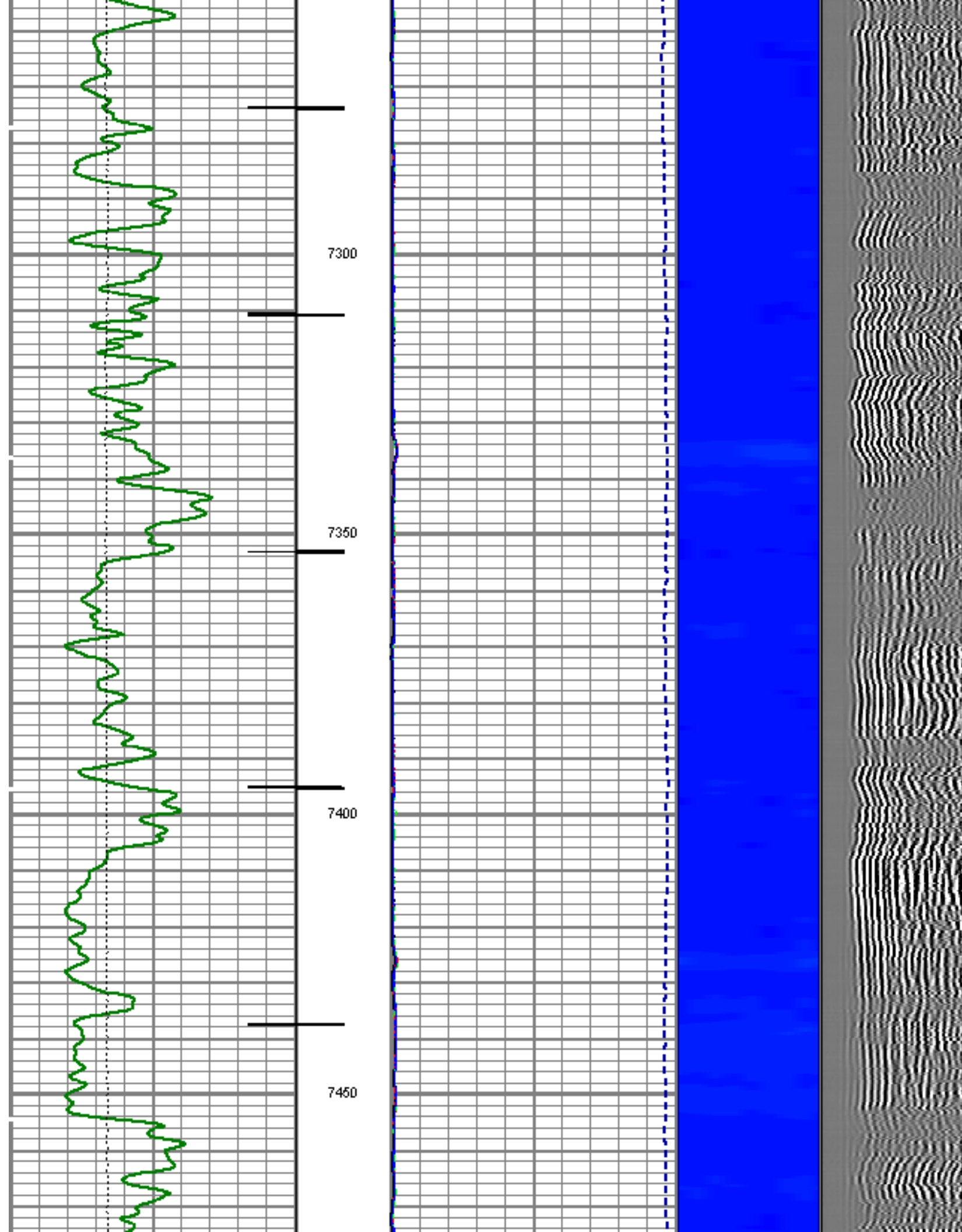


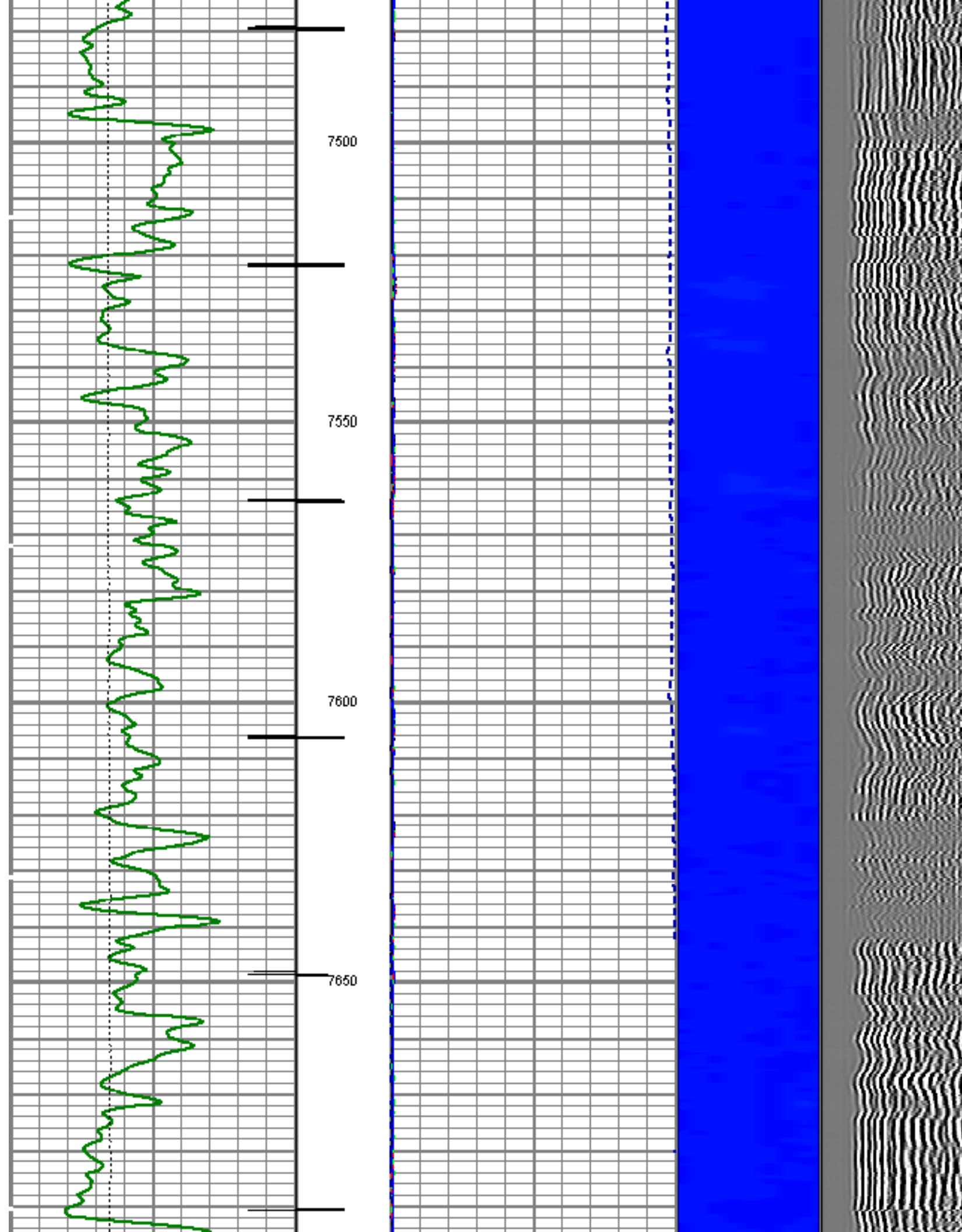


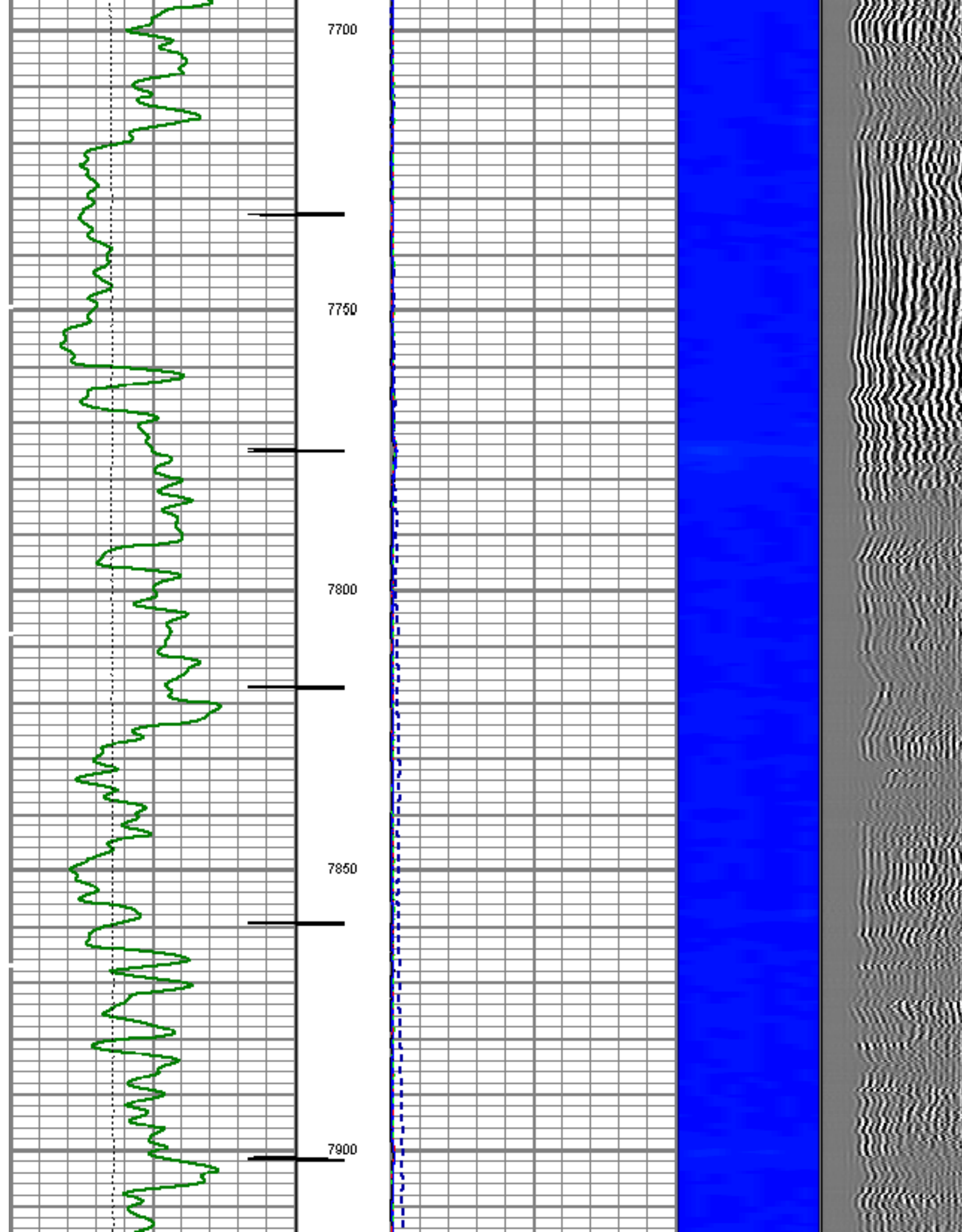


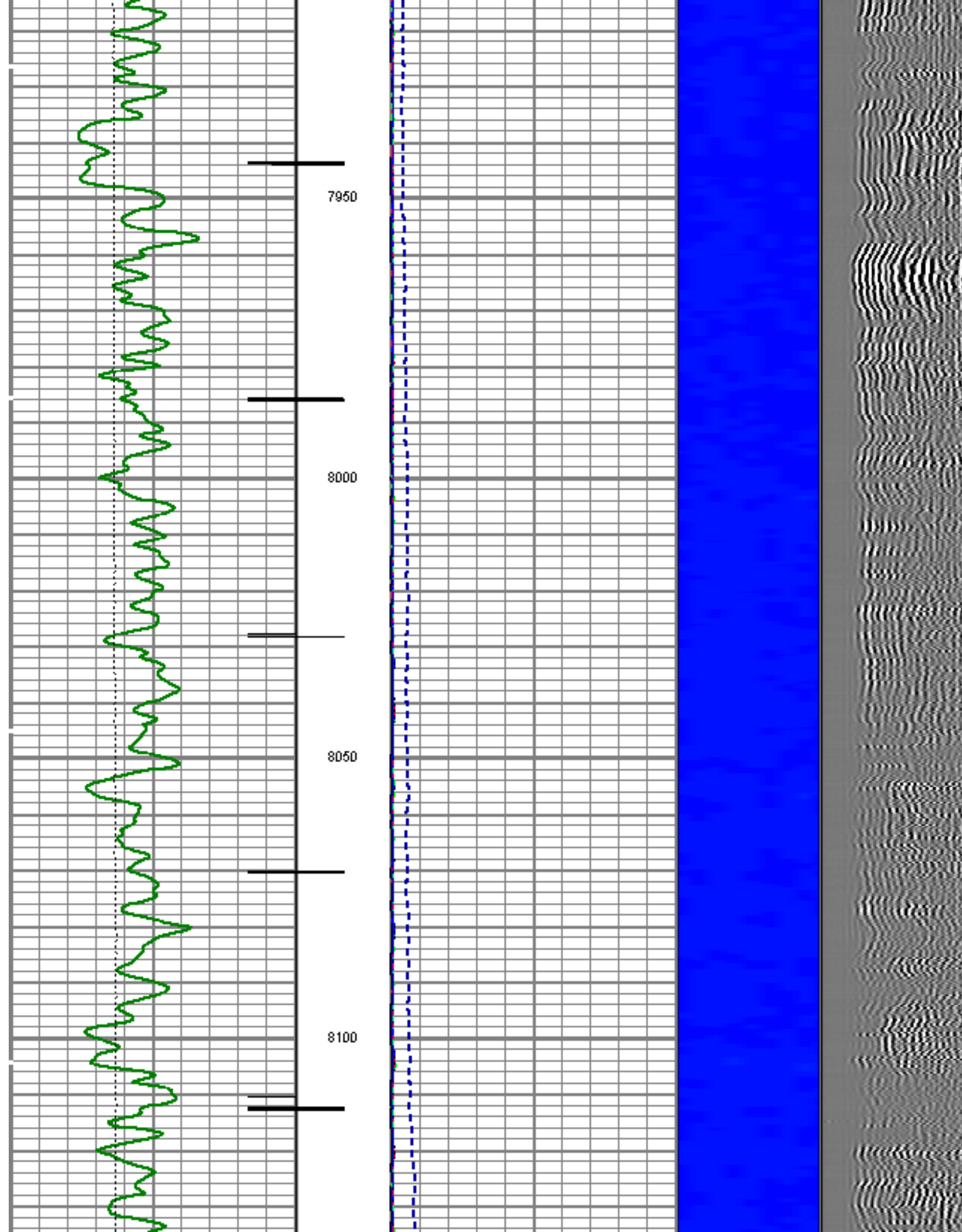


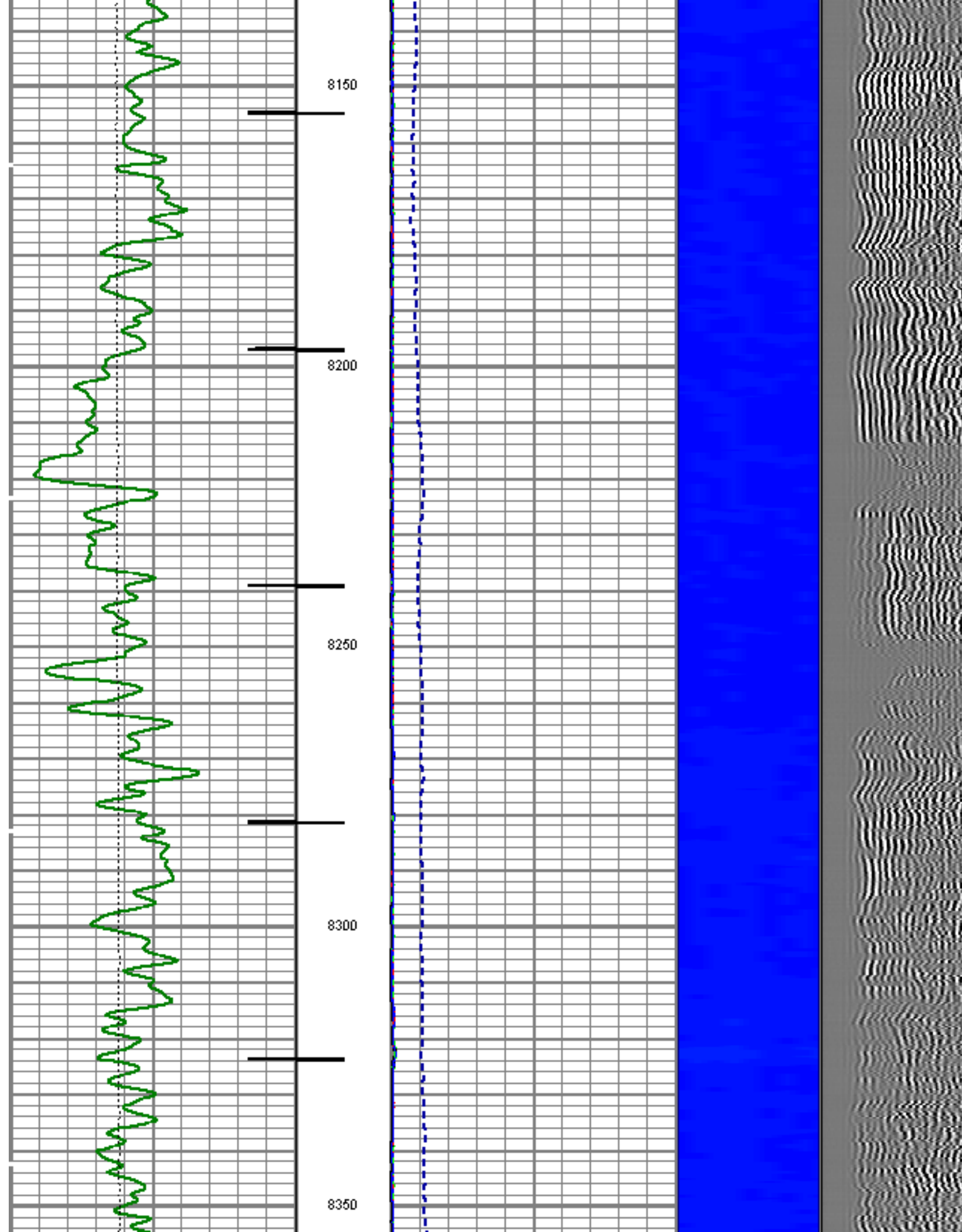


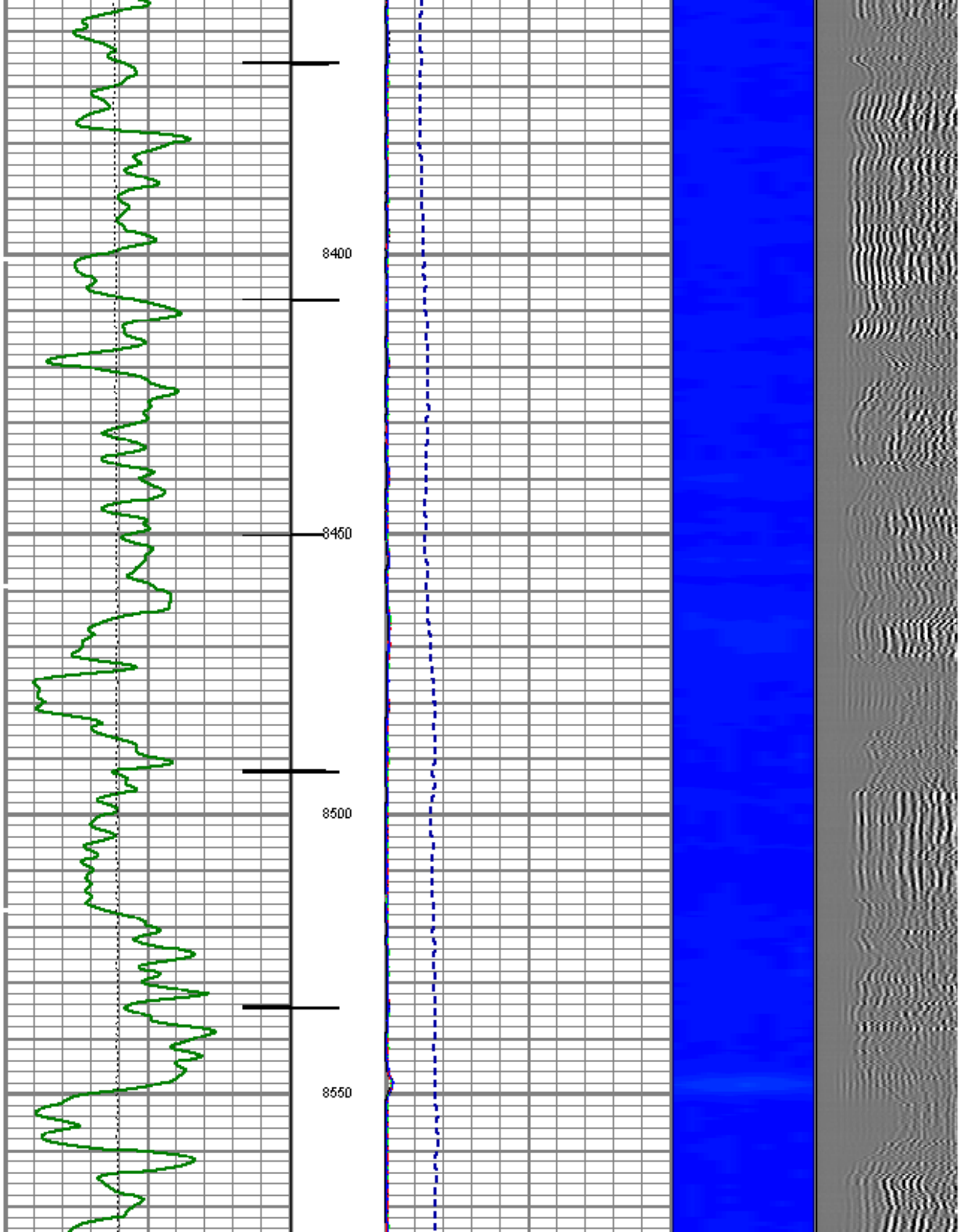


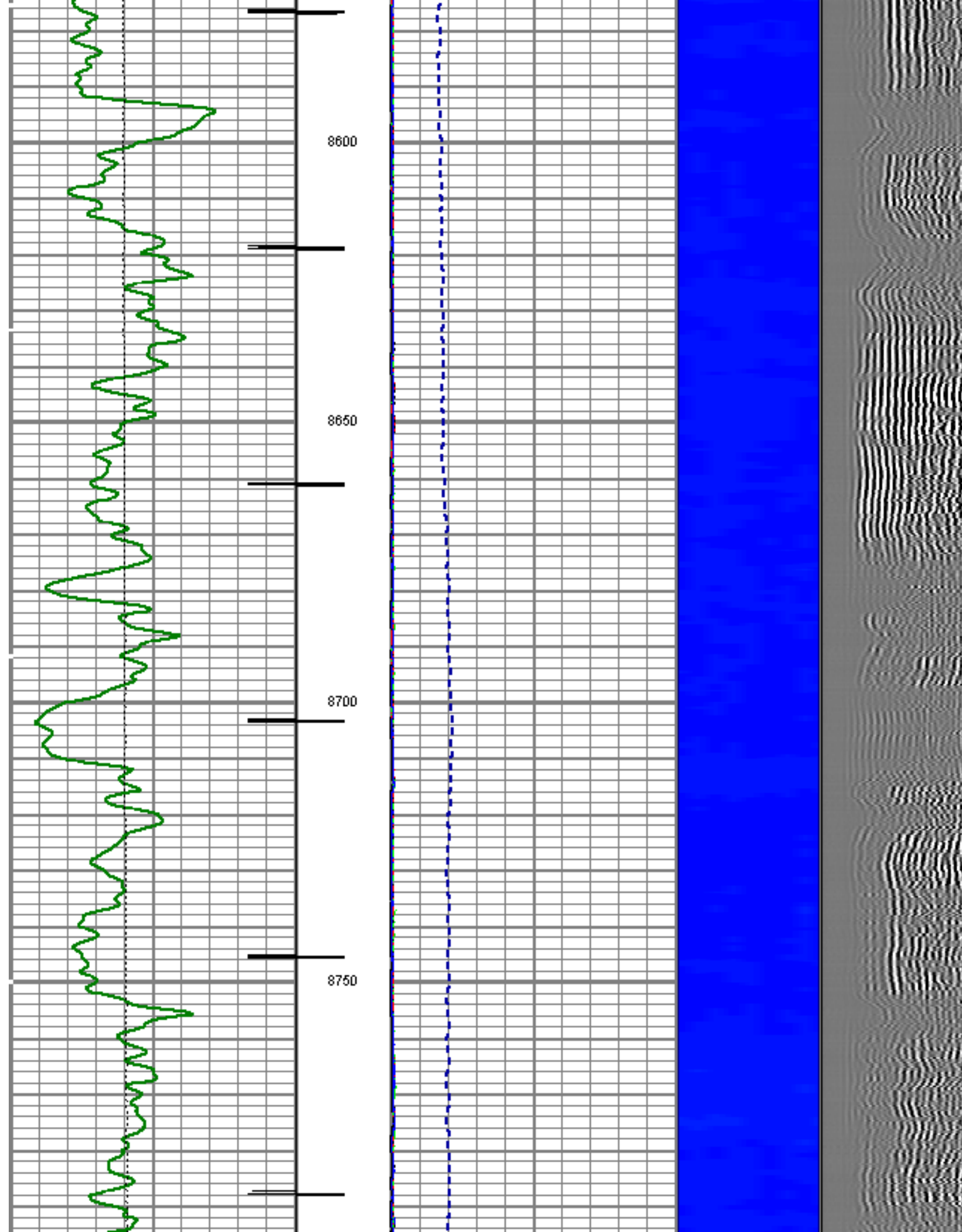


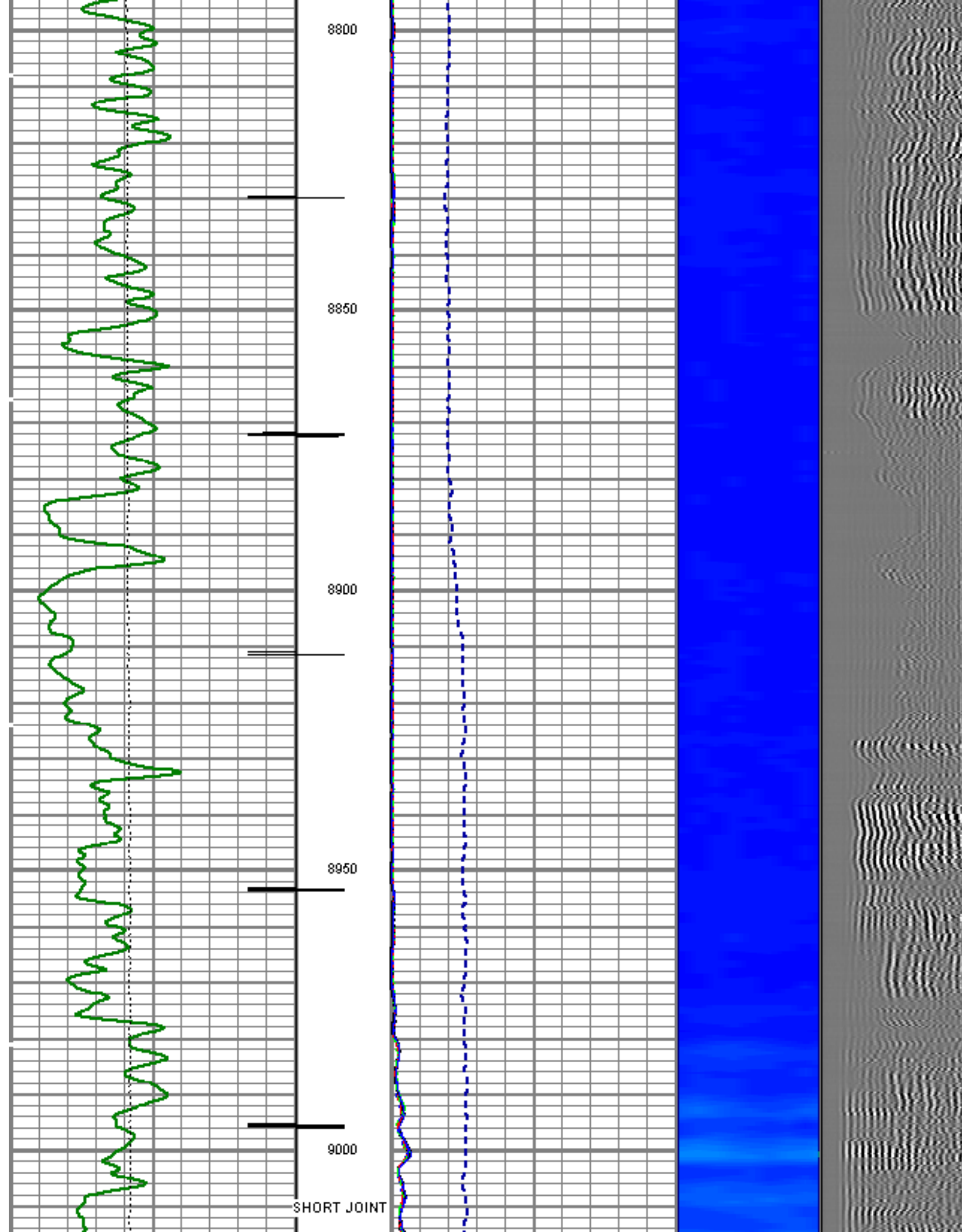


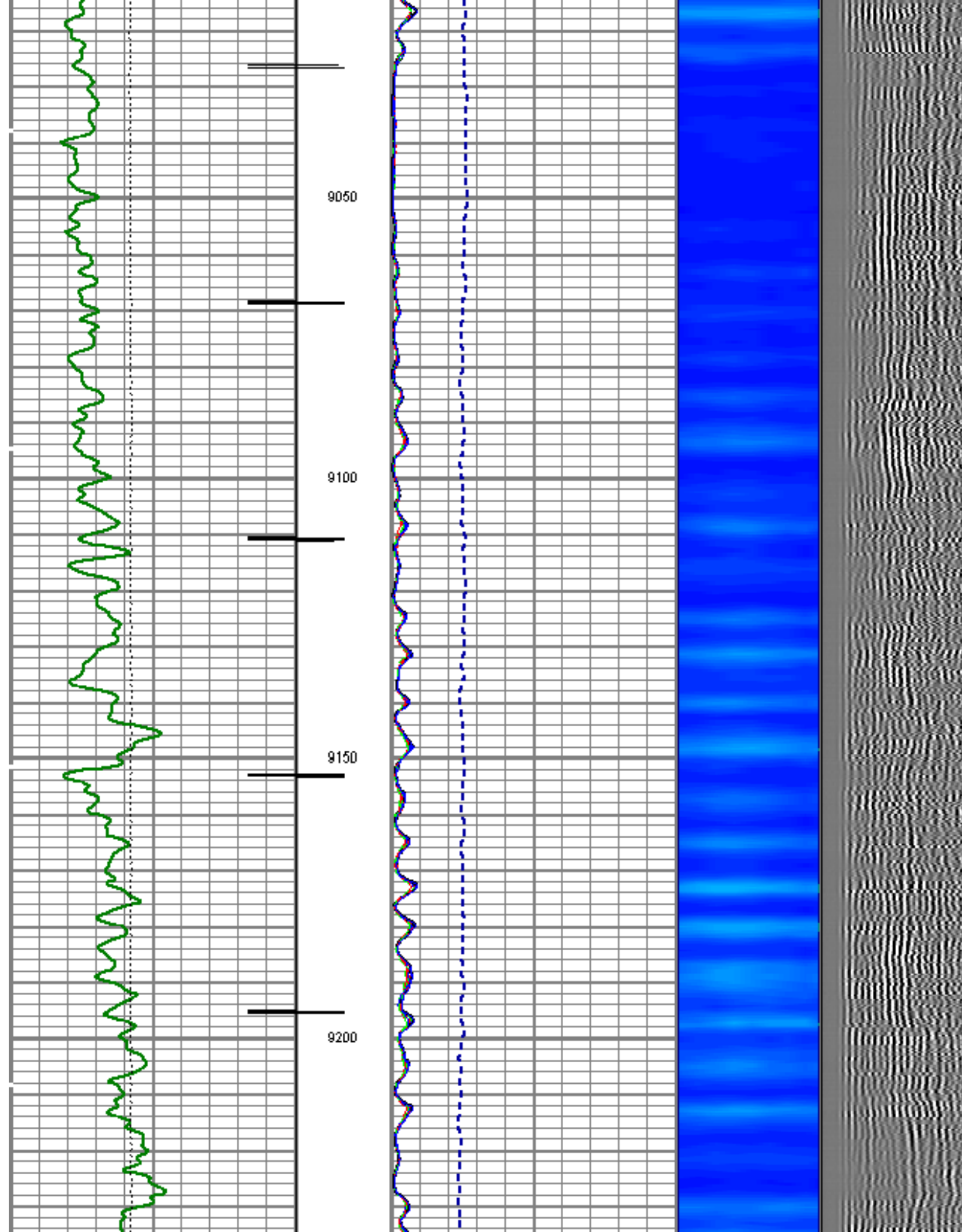


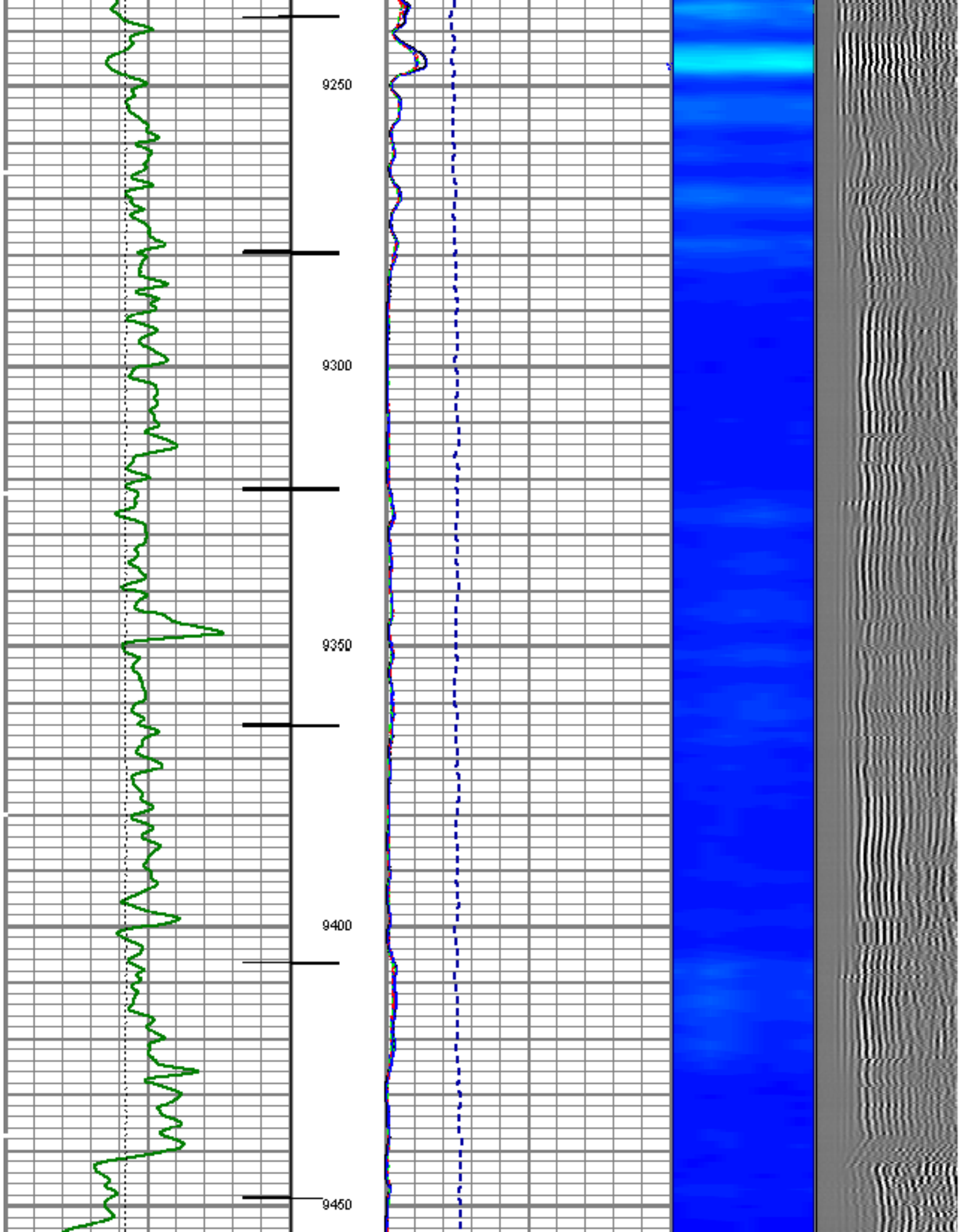


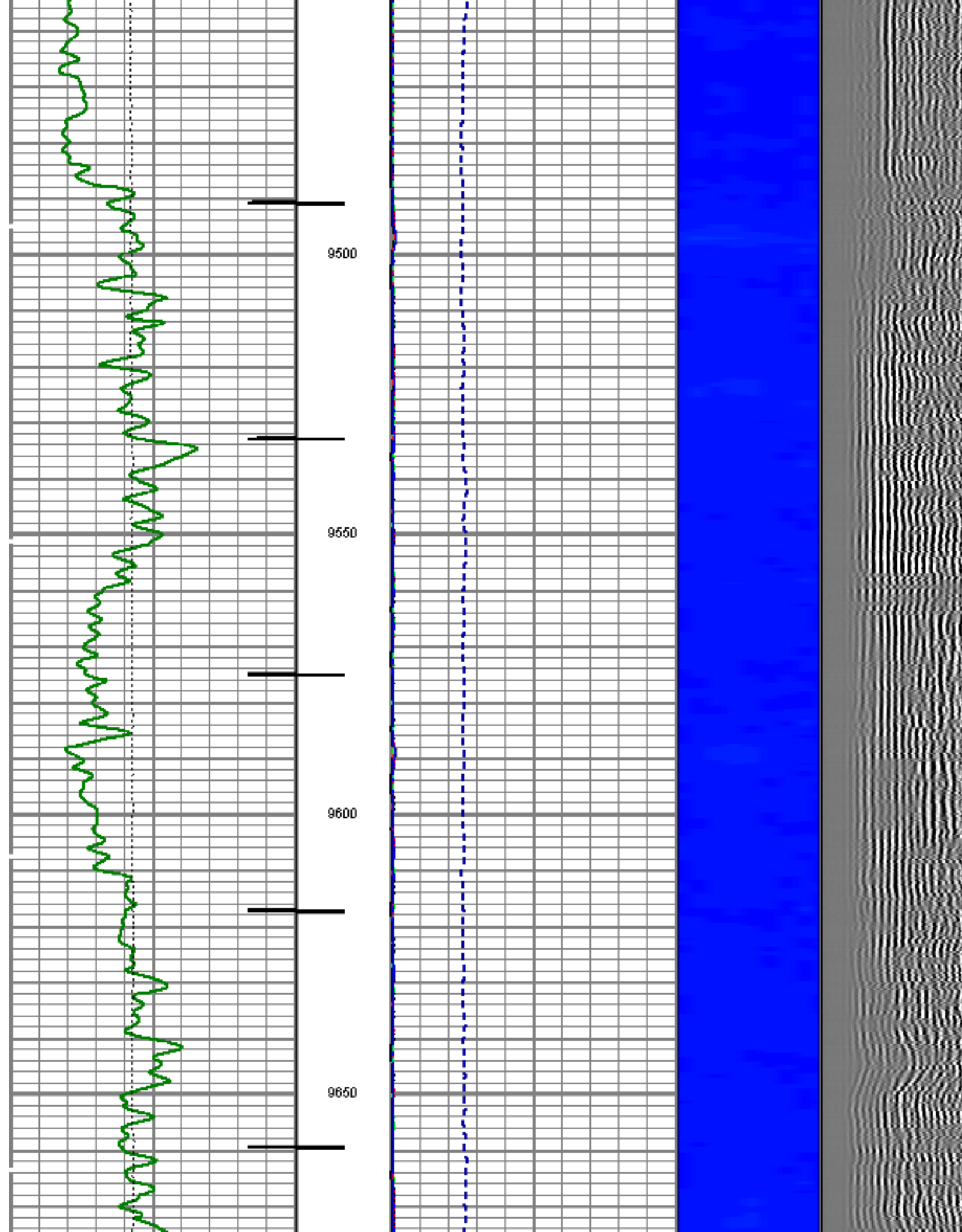


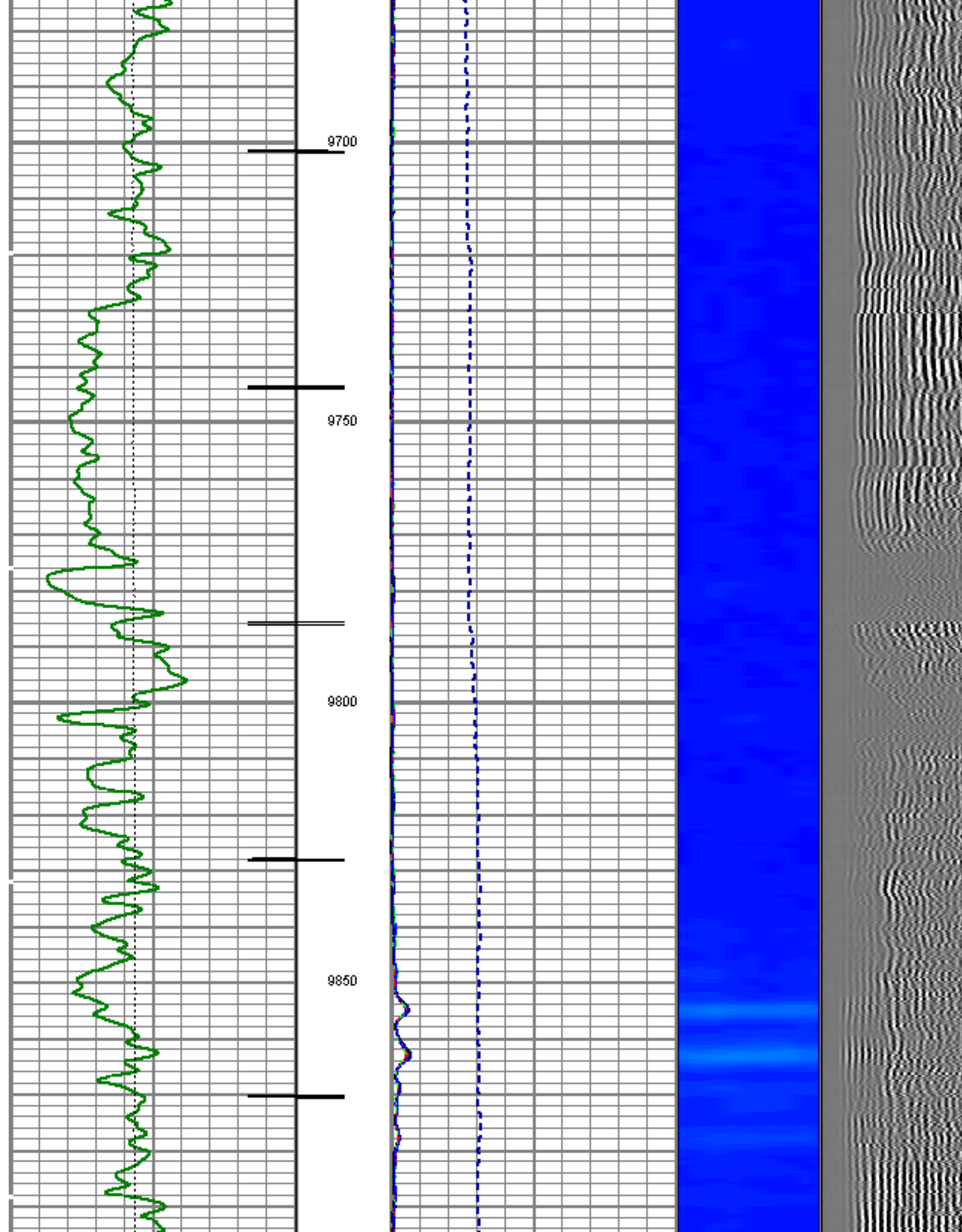


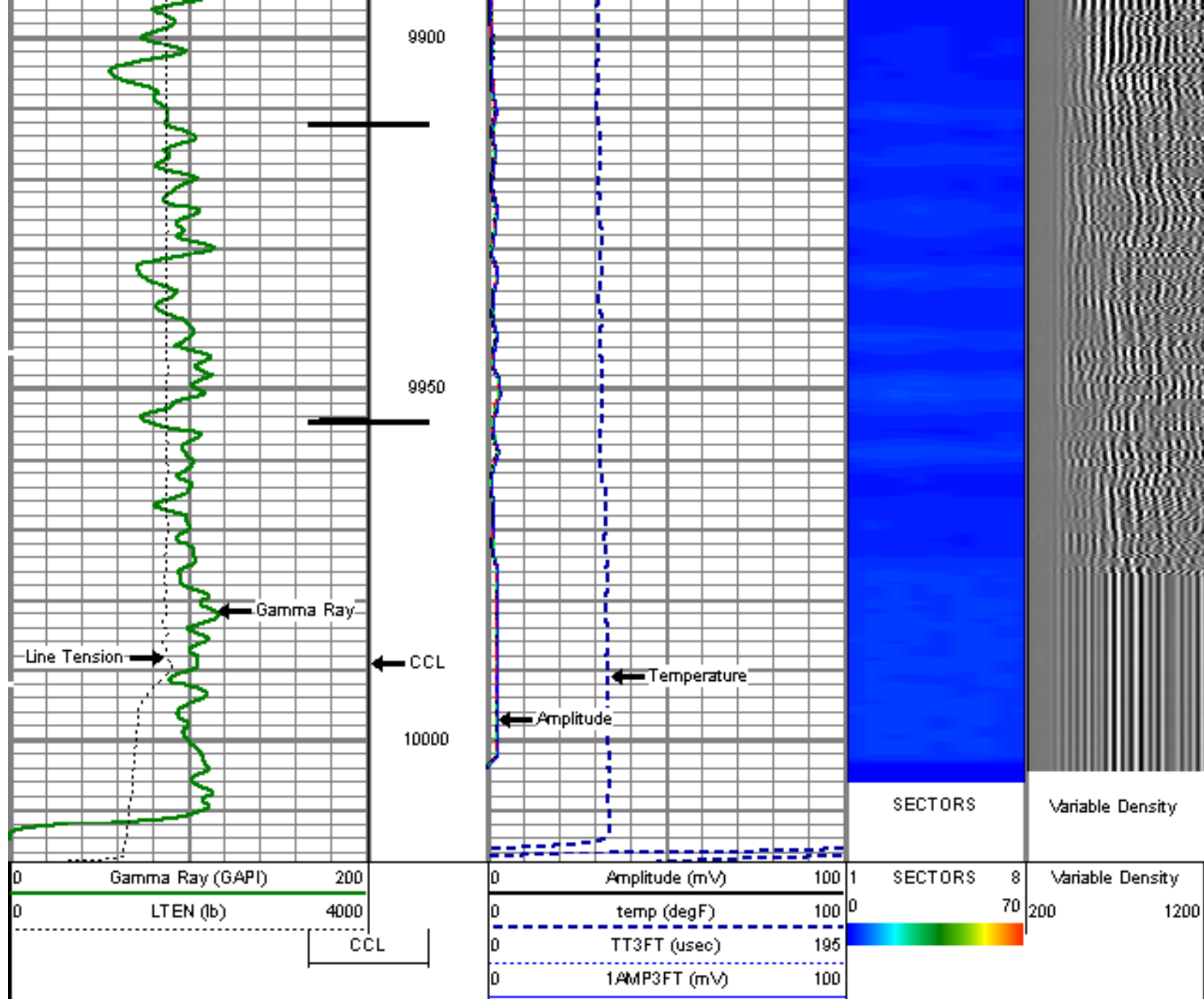








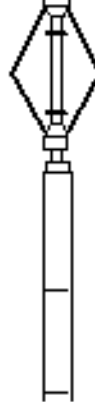










# MAIN LOG SECTION

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	21.68		TITAN	1.02	1.44	1.00
			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			SNDX_RBT-007 (000001) Radial Bore Tool - Analog 3 1/8	9.47	3.13	140.00					
WVFS1	13.92											
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												
				TEMP-SNDX_TEMP (SNDX_TEMP_02) Sorex Production Temperature Tool	3.14	1.63	10.00					
TEMP												
0.58												
Dataset: I_fed2912bcb1.db: field/well/run1/pass2.2												
Total Length: 23.90 ft												
Total Weight: 248.07 lb												
O.D. 3.13 in												

	Company	LARAMIE ENERGY, LLC.
	Well	FEDERAL 29-12B
	Field	RULISON
	County	GARFIELD
	State	COLORADO