

CEMENT BOND LOG

Company ANTERO RESOURCES
Well BURCKLE A-14
Field MAMM CREEK
County GARFIELD **State** COLORADO

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Well BURCKLE A-14
Field MAMM CREEK
County GARFIELD
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Location: API # : 05-045-20490-0000
 SHL: 2055' FSL & 2202' FEL
 SEC: 16 TWP: 6S RGE: 92W
 Permanent Datum GROUND LEVEL Elevation 5558'
 Log Measured From KELLY BUSHING = 24 FT
 Drilling Measured From KELLY BUSHING
 Other Services NONE
 Elevation K.B. 5582'
 D.F. 5581'
 G.L. 5558'

Date	1 JUNE 2011
Run Number	ONE
Depth Driller	7844'
Depth Logger	7758'
Bottom Logged Interval	7758'
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.34#
Max. Recorded Temp.	N/A
Estimated Cement Top	1630'
Time Well Ready	N/A
Time Logger on Bottom	0815
Equipment Number	ST0302W
Location	GRAND JUNCTION
Recorded By	M.BERNATCHEZ
Witnessed By	

Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
ONE	UKN						
TWO	7.875"	1264'	7847'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	UKN			
Prot. String				
Production String	4.5"	11.6#	SURFACE	7847'
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

LOG CORRELATED TO WEATHERFORD LOG DATED 14-MAY-2011.
 SHORT JOINT: 5422' - 5444' & 6364' -6386' & 7323' - 7345'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0458



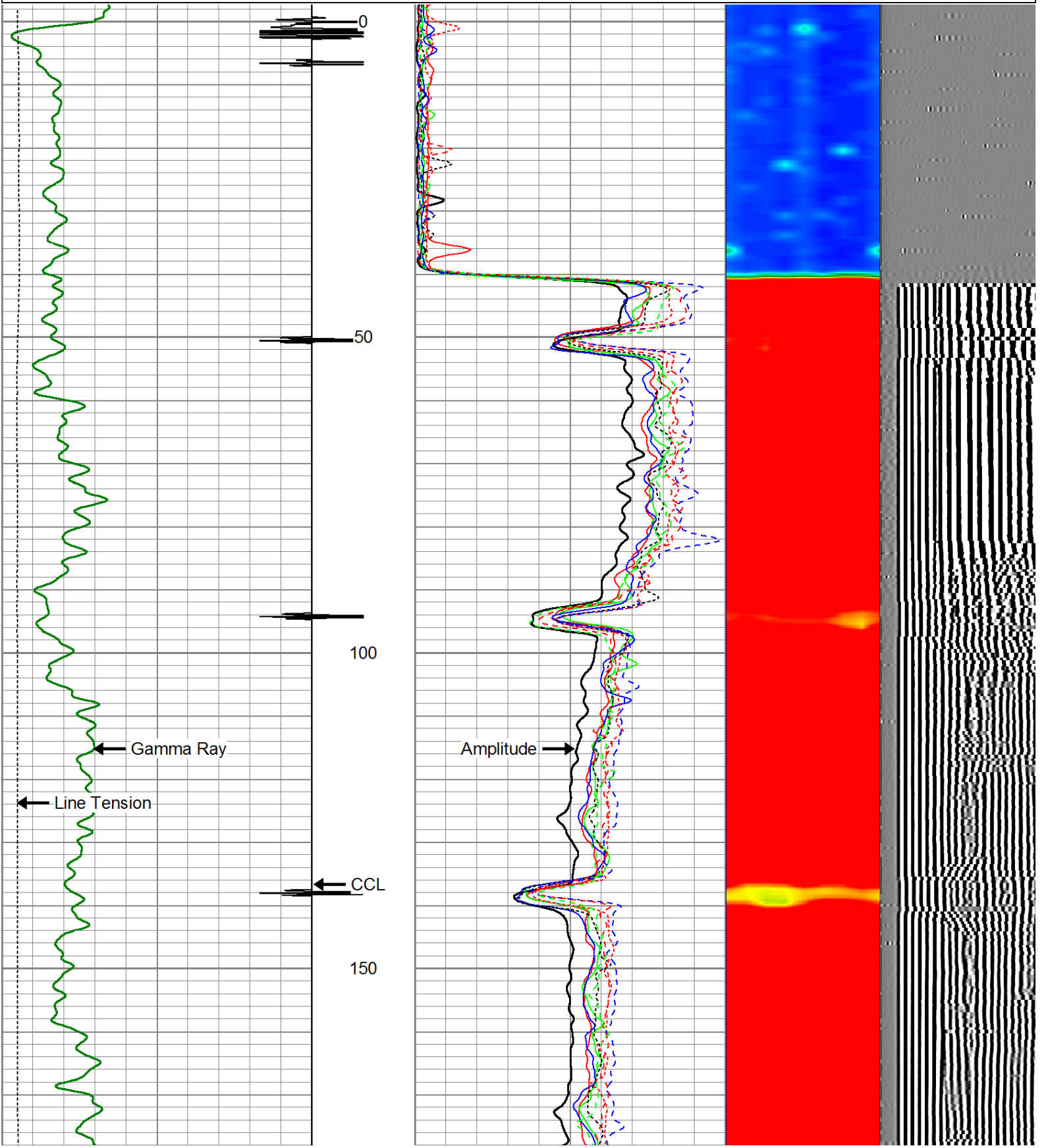
MAIN LOG PASS

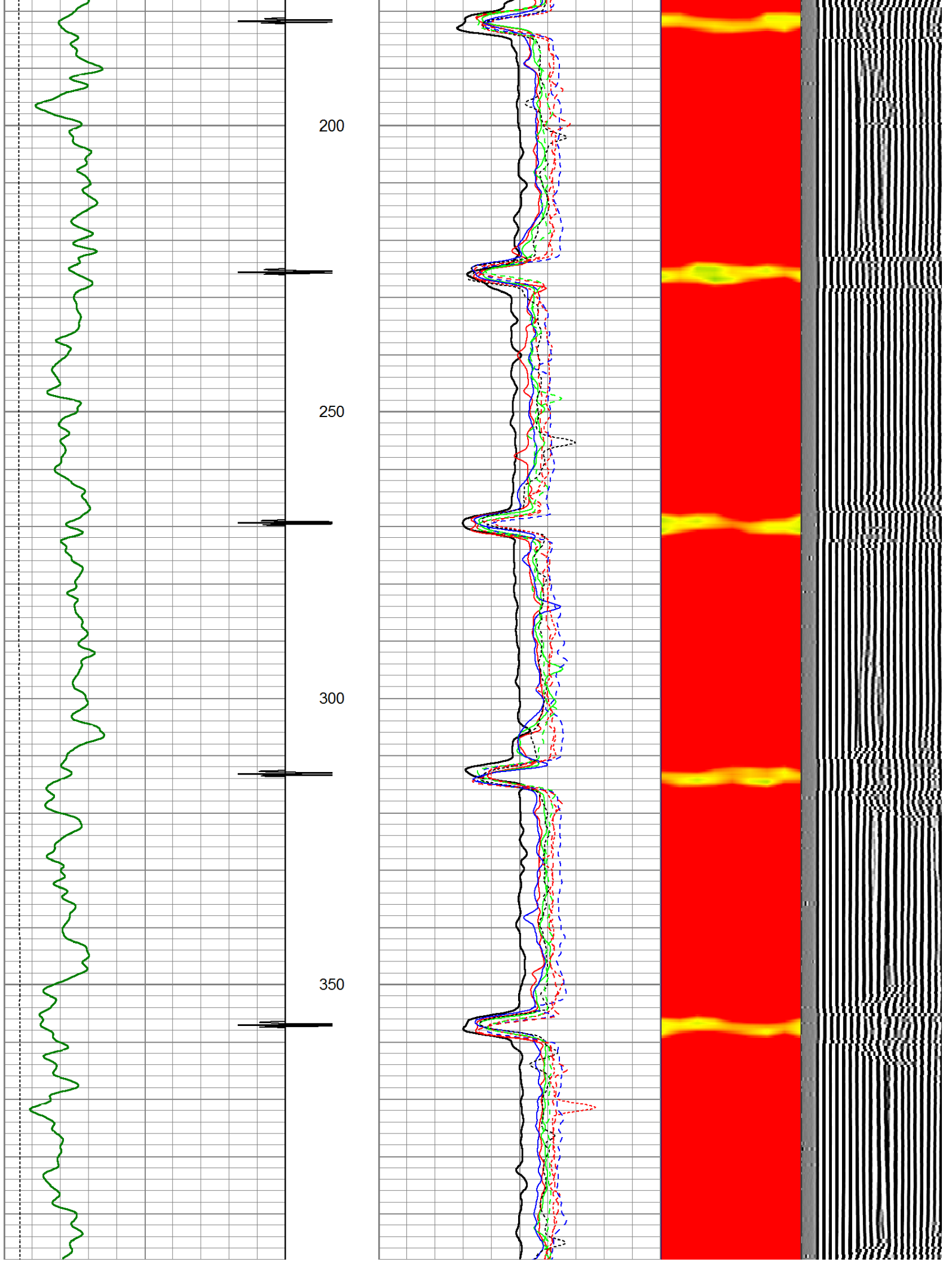
SCALE 5" = 100'

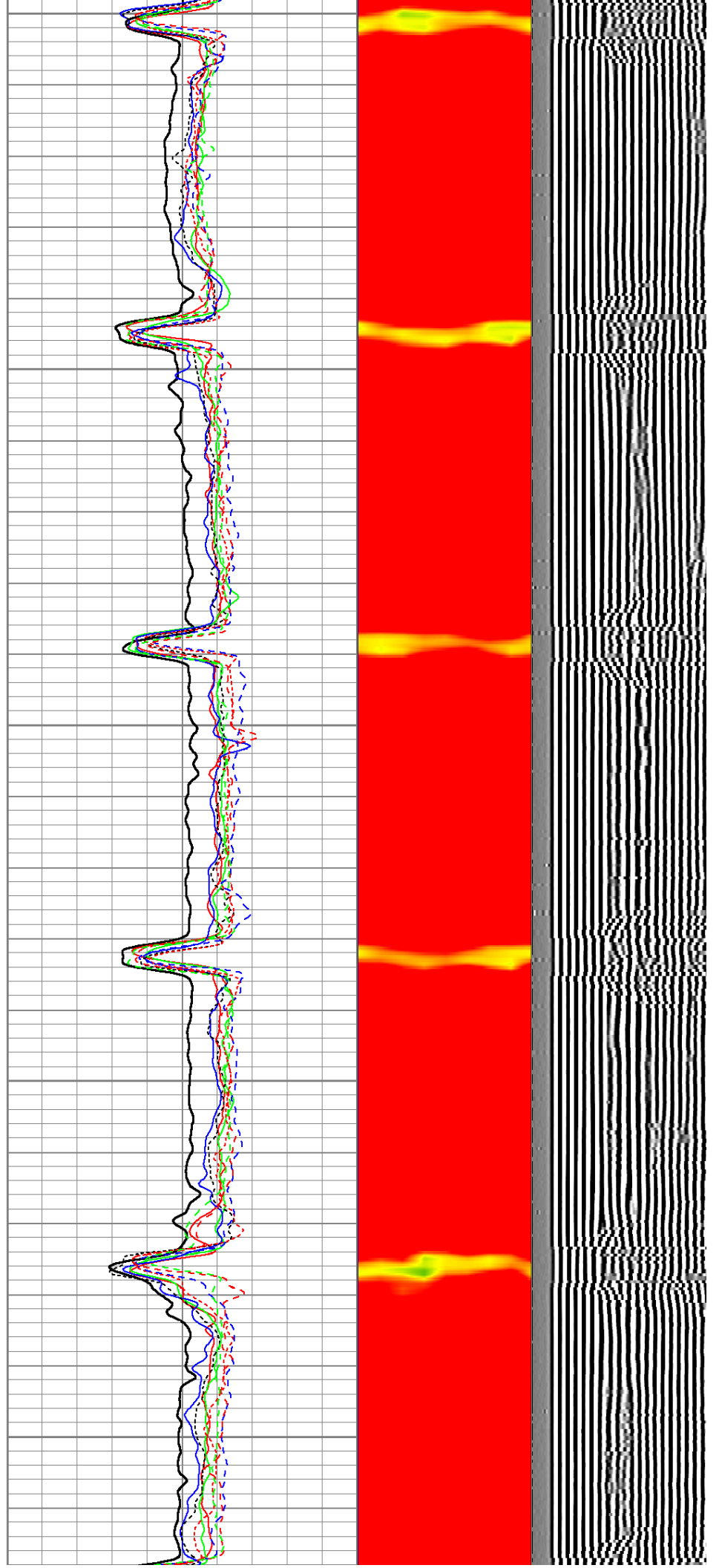
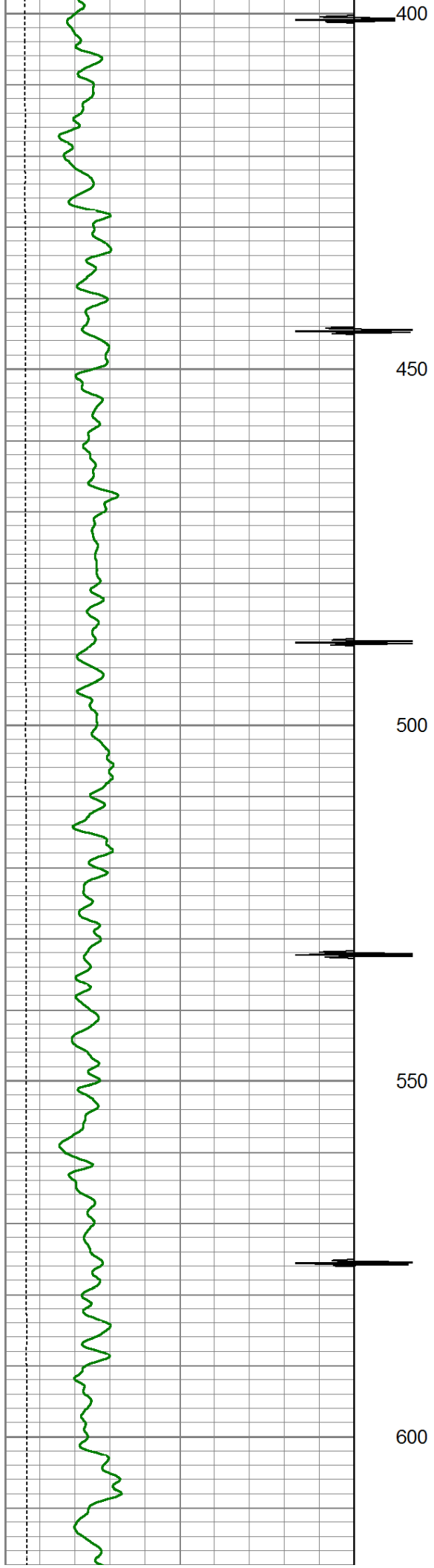
Mesa Wireline

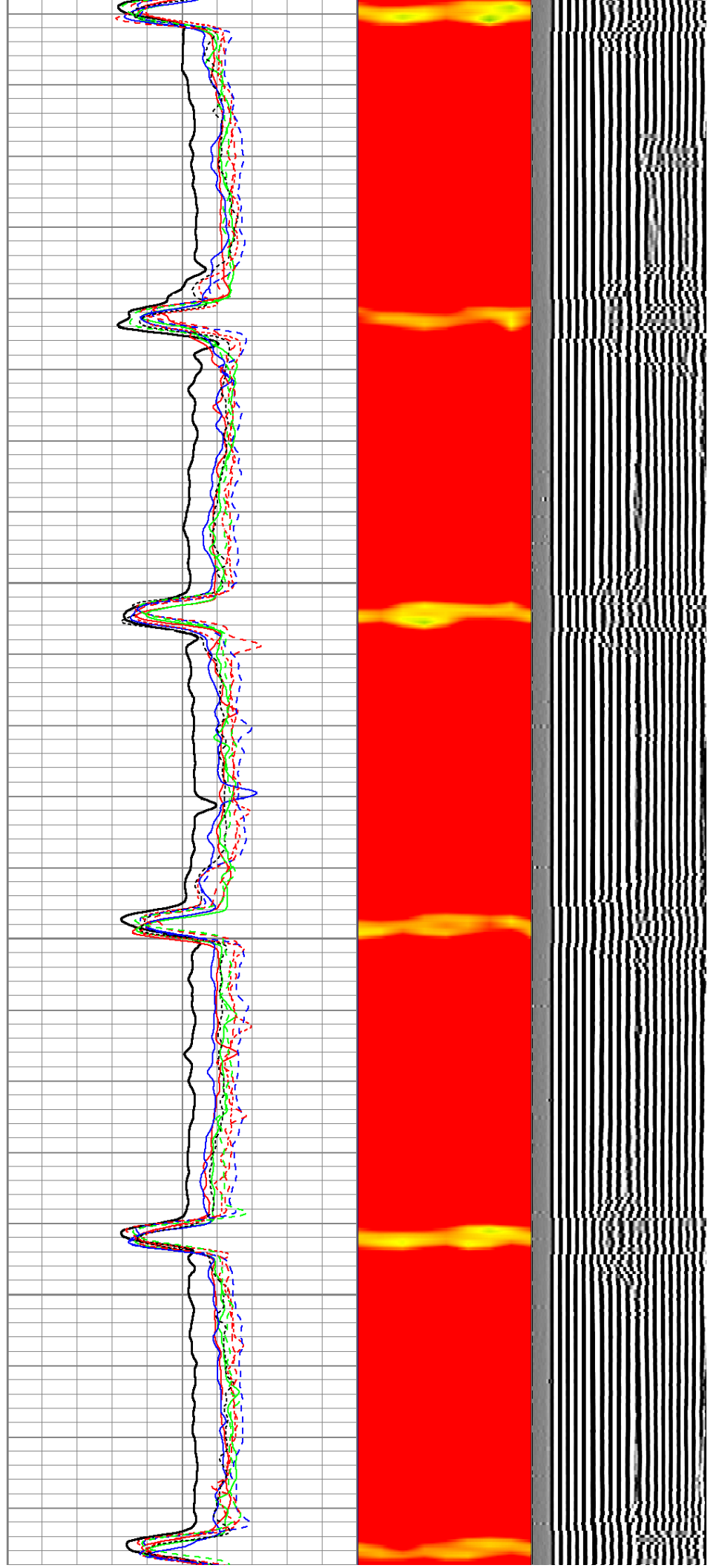
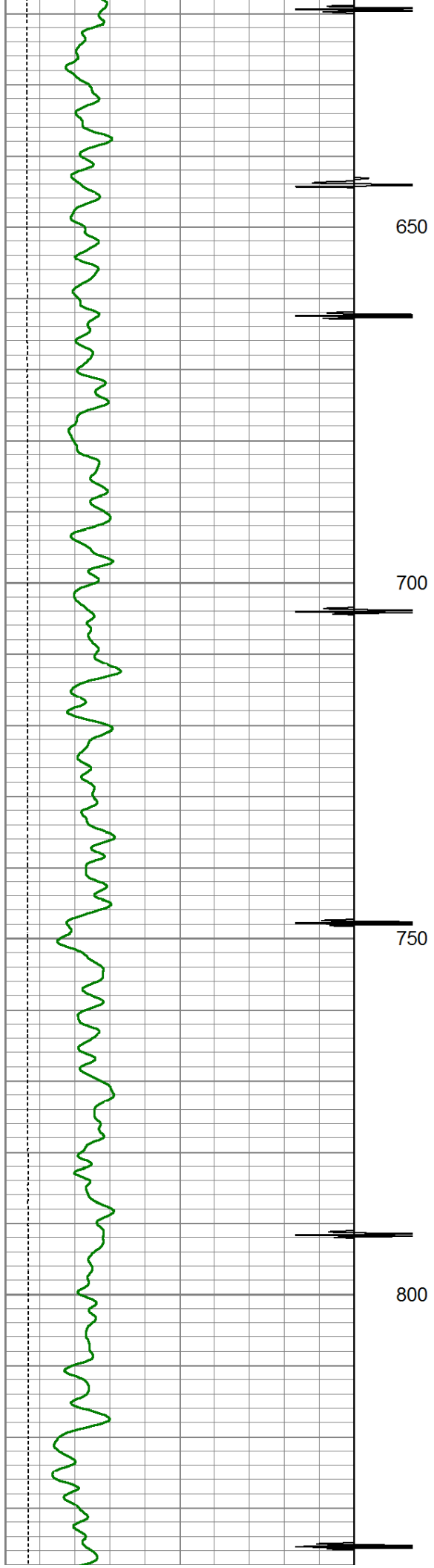
Database File: antero_burckle_a14_cbl.db
 Dataset Pathname: pass3
 Presentation Format: rbtfinal
 Dataset Creation: Wed Jun 01 08:06:49 2011 by Log Std Casedhole 08121
 Charted by: Depth in Feet scaled 1:240

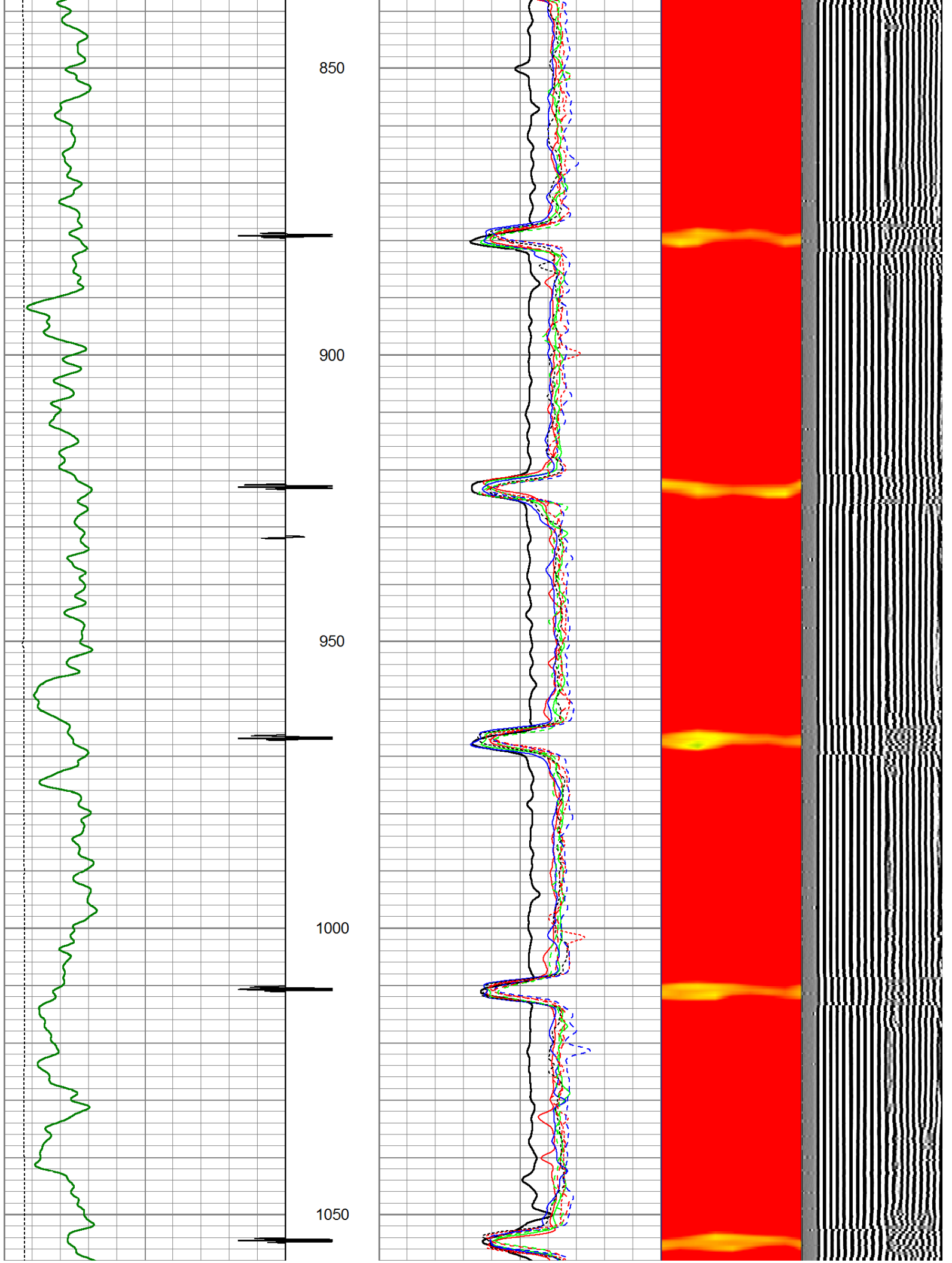
0	GR_D (GAPI)	200	0	Amplitude (mV)	100	1	SECTORS	8	Variable Density	
0	LTEN (lb)	5000	0	TT3FT (usec)	180	0		70	200	1200

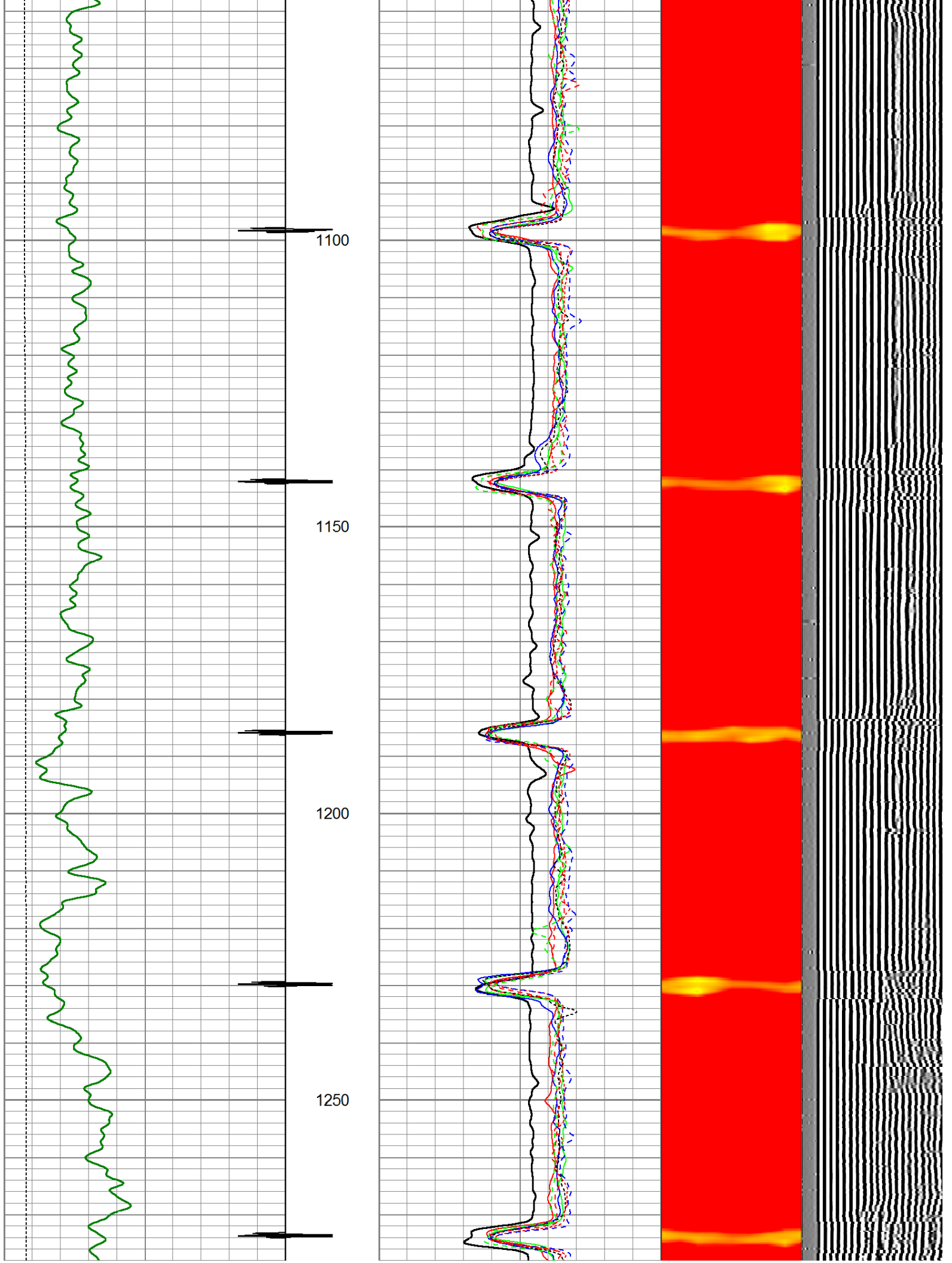


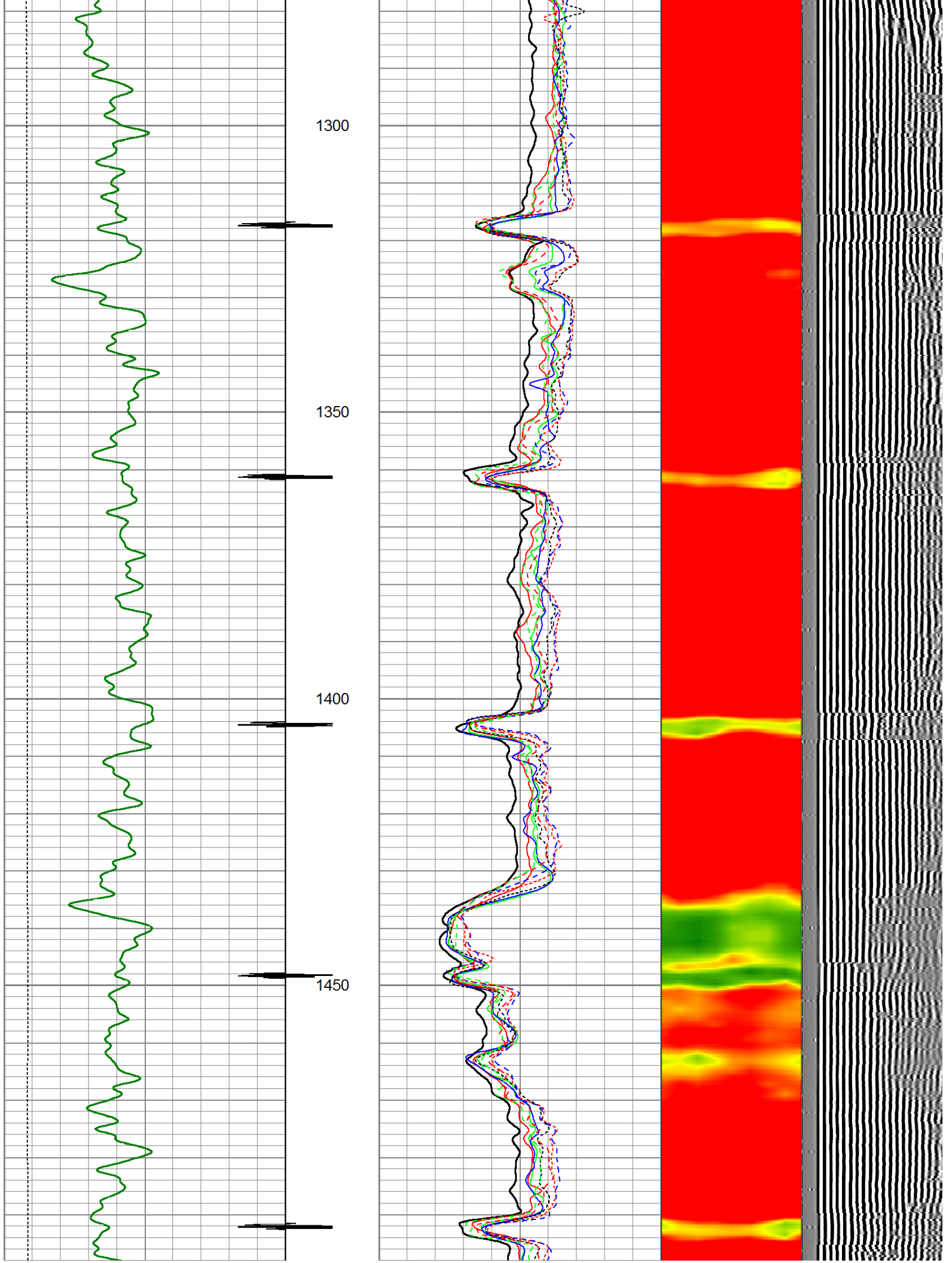


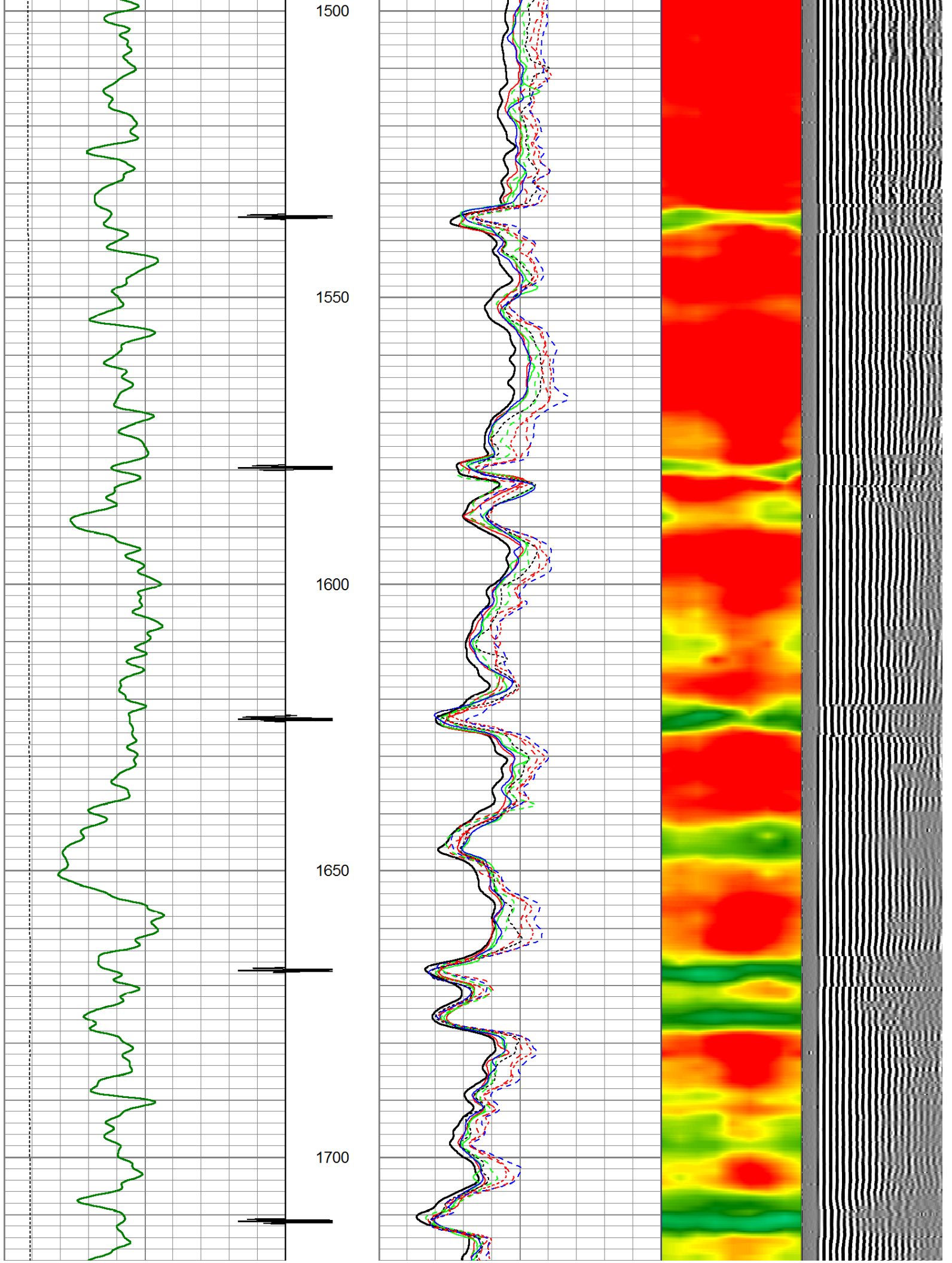


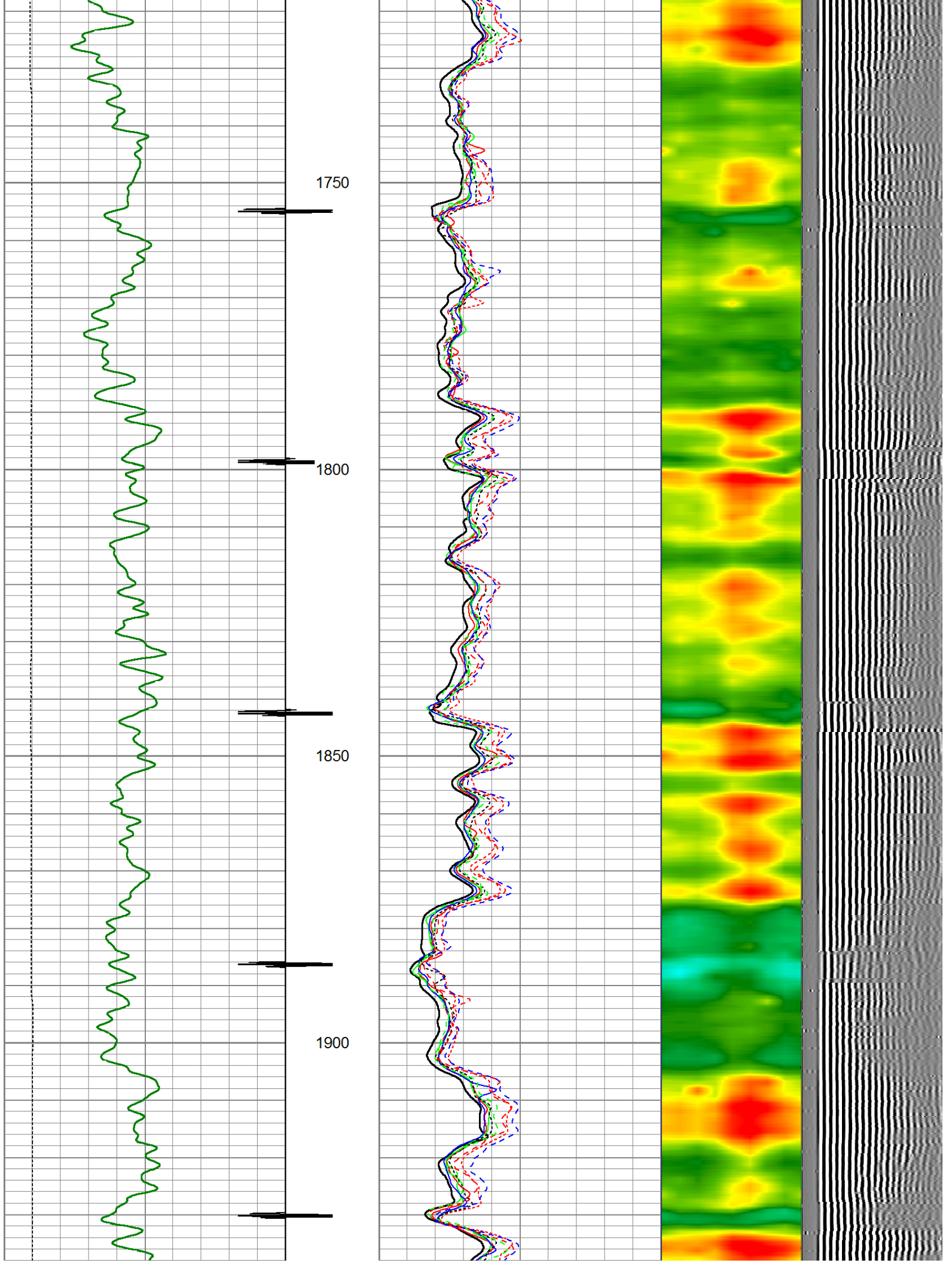


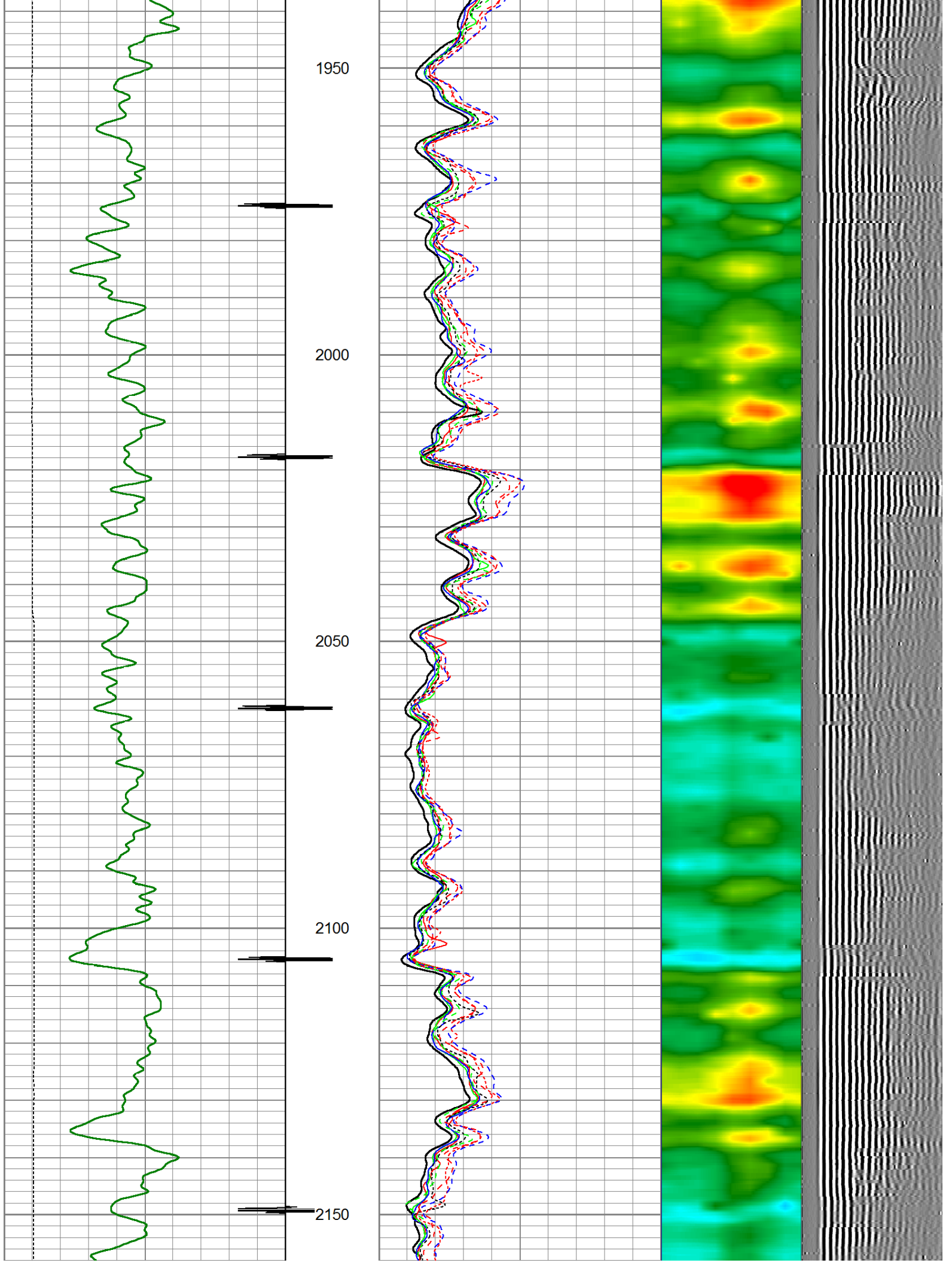


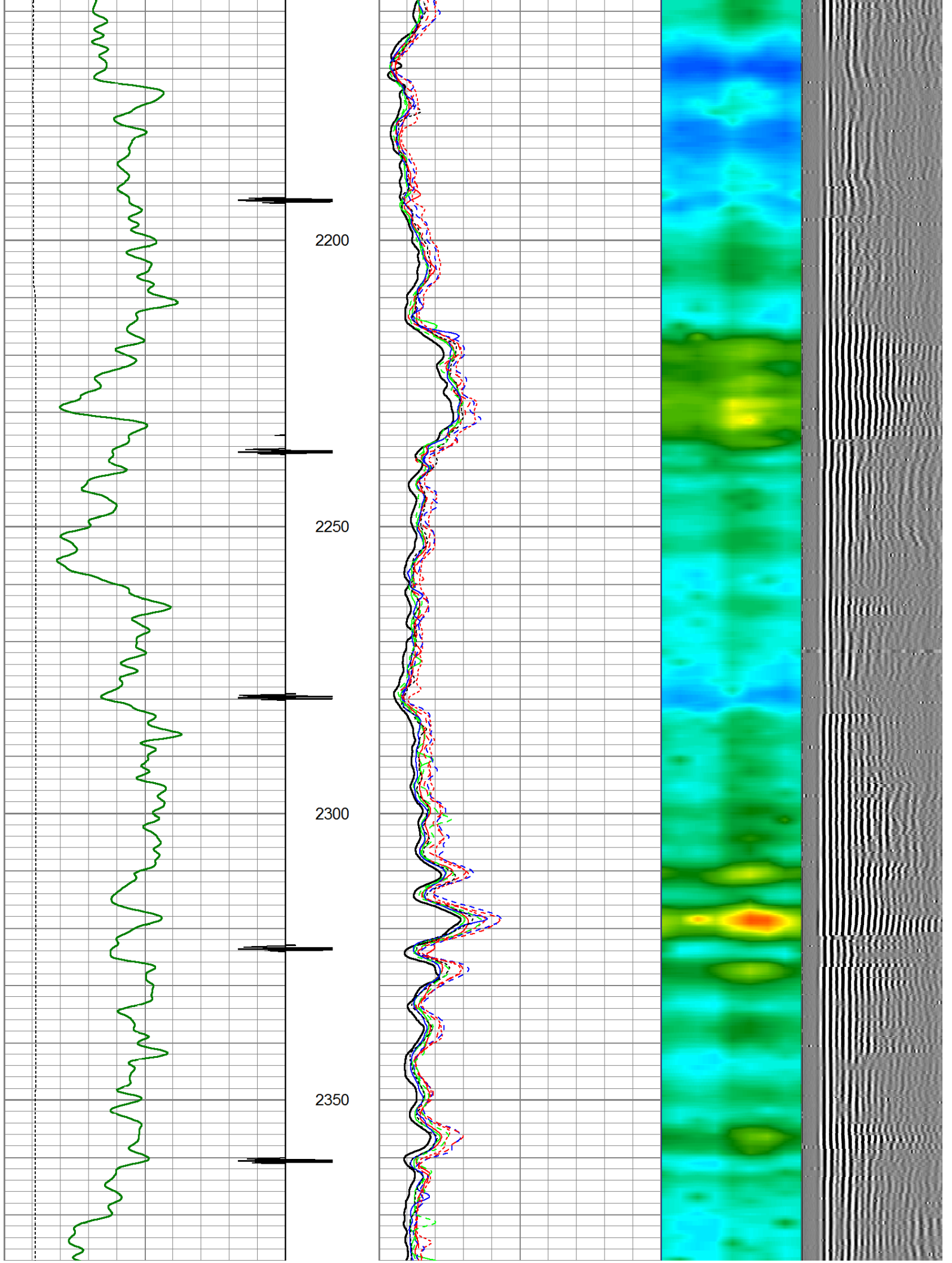


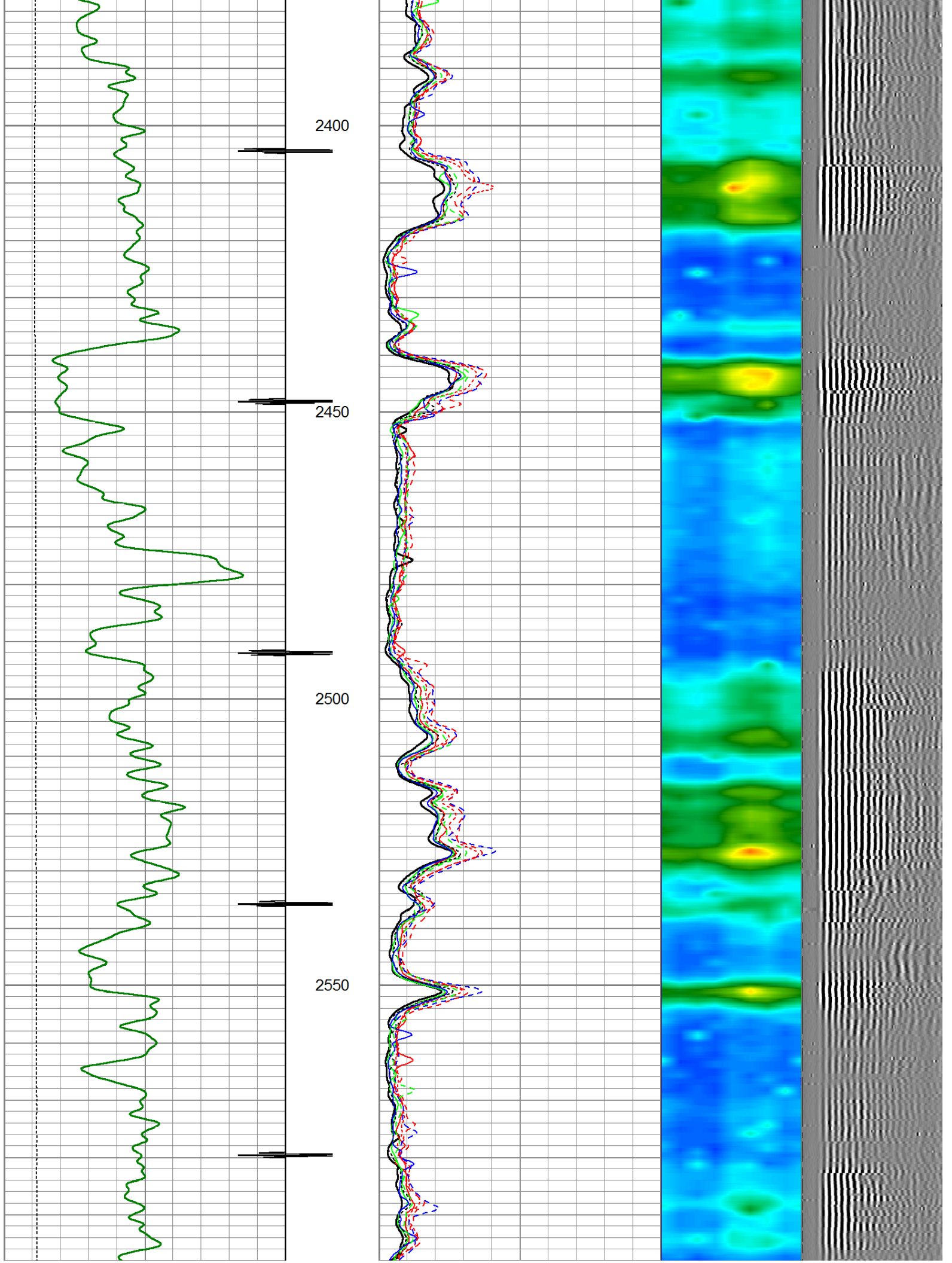


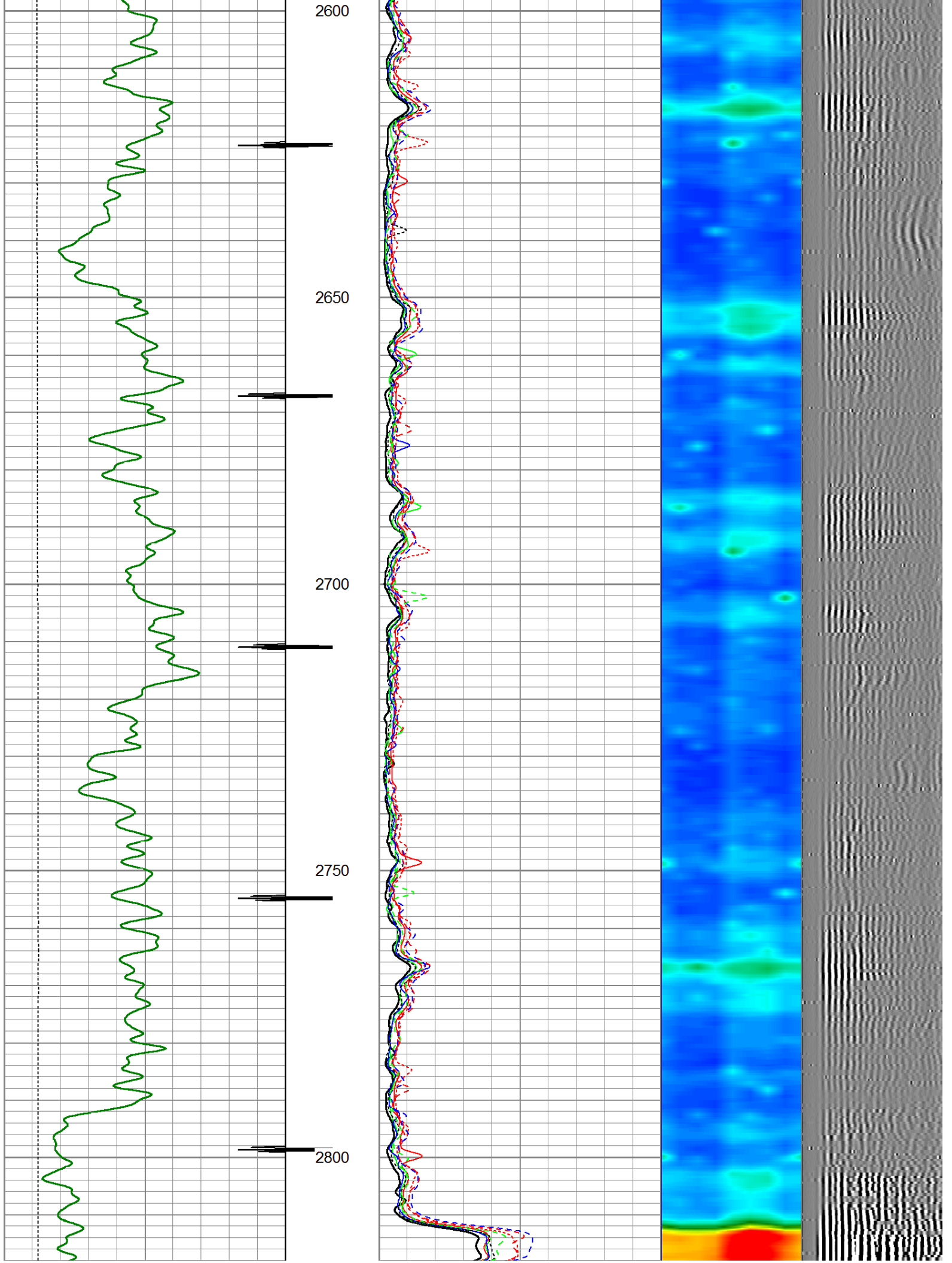


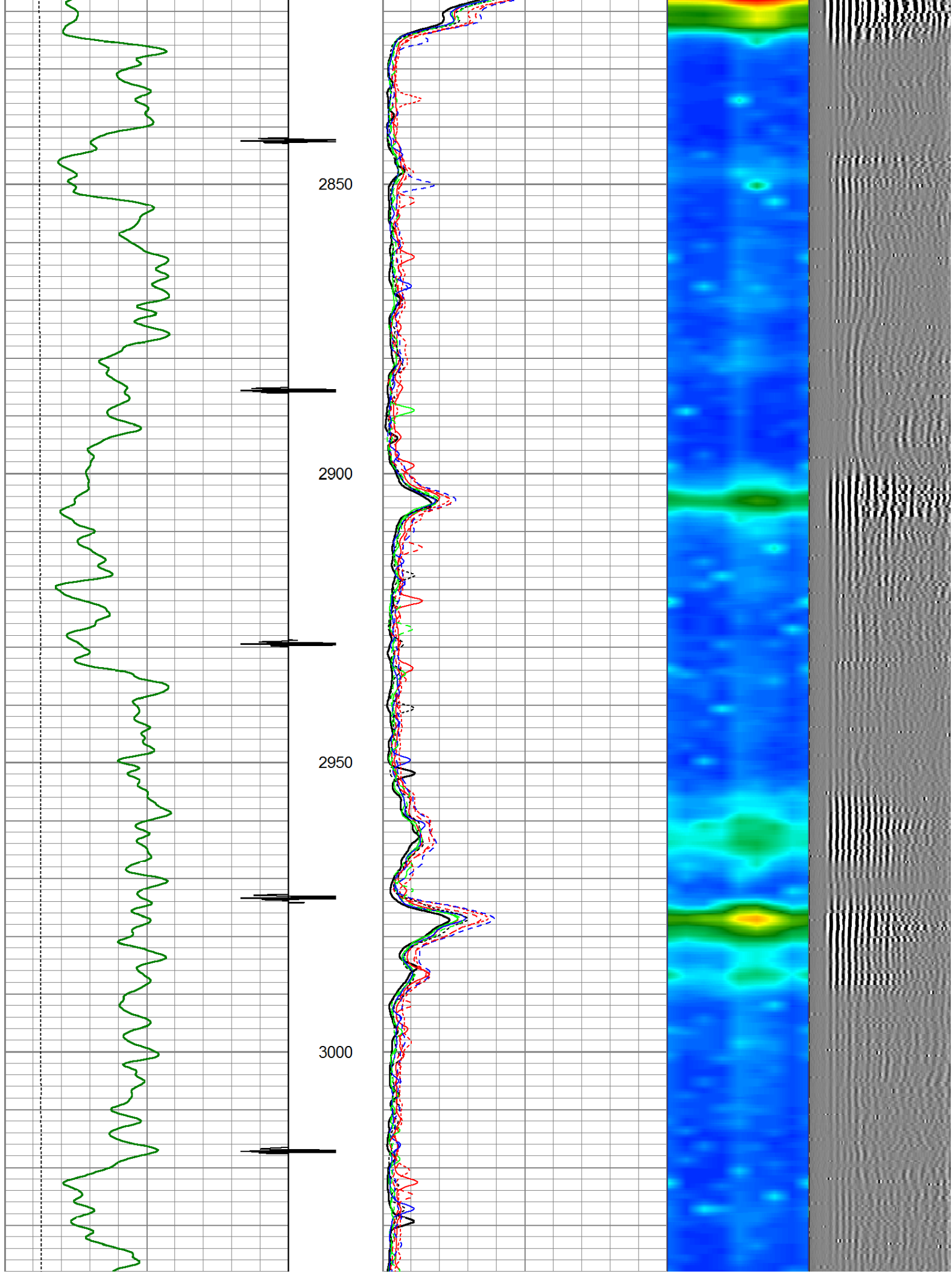


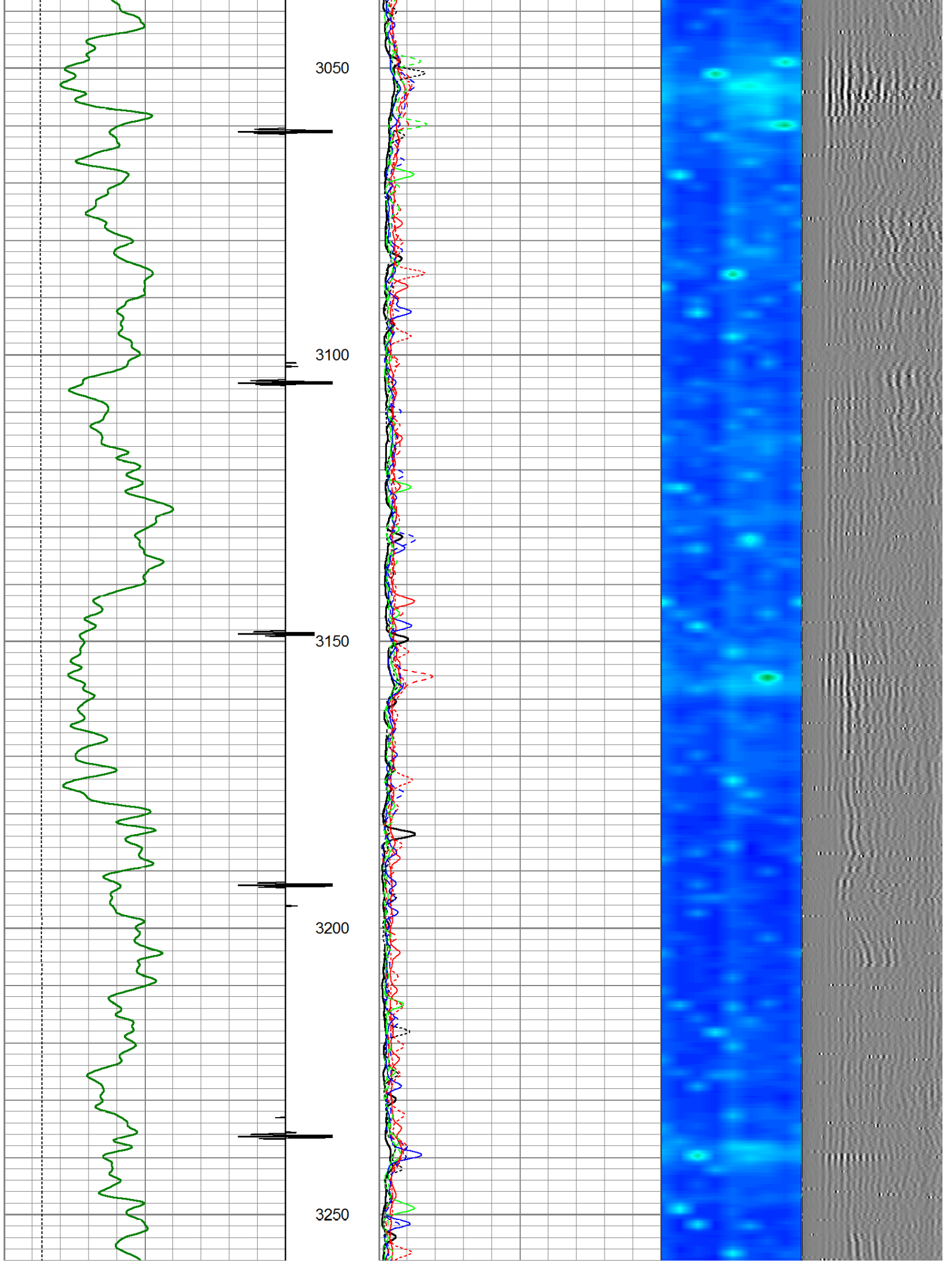


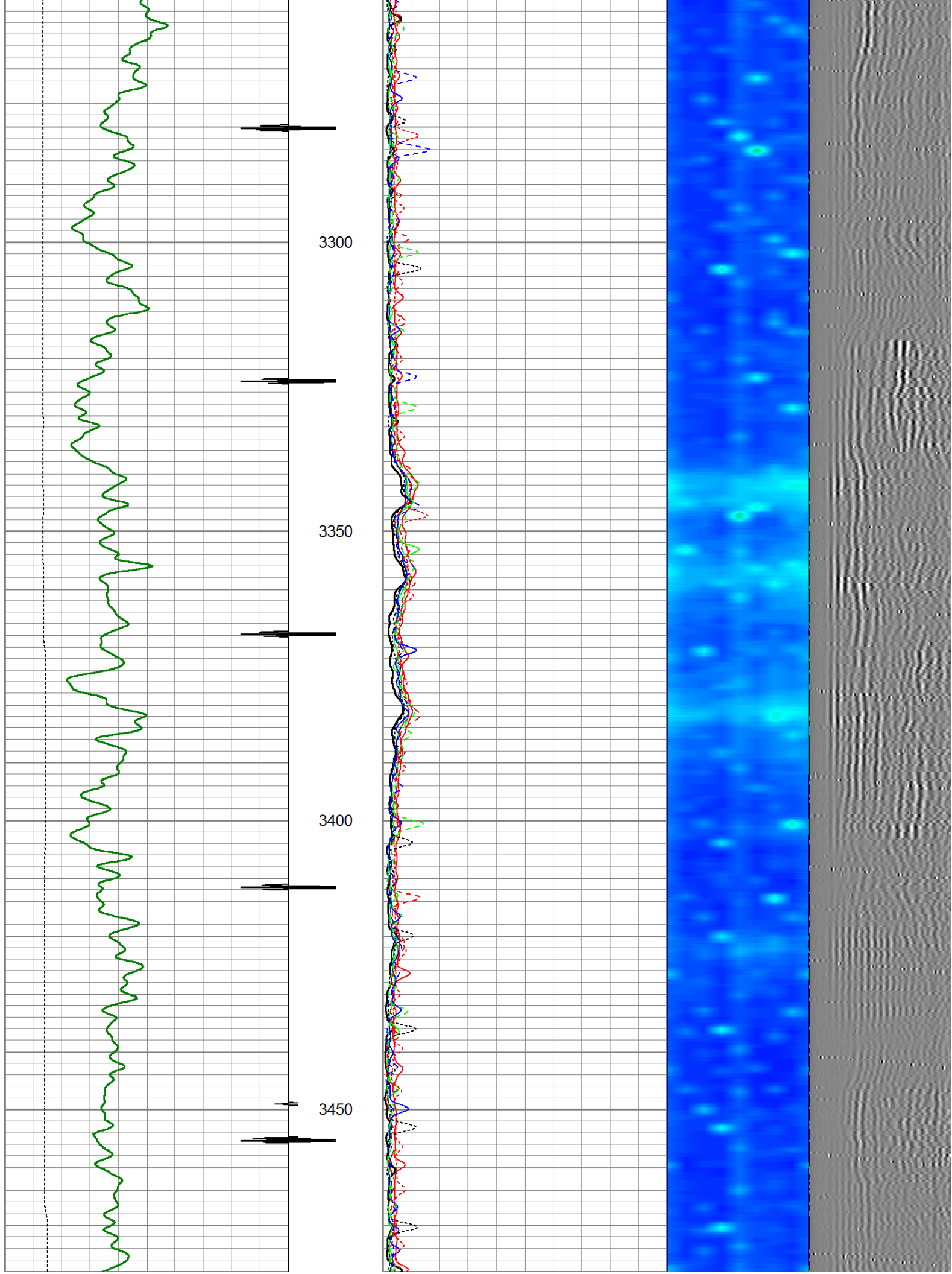


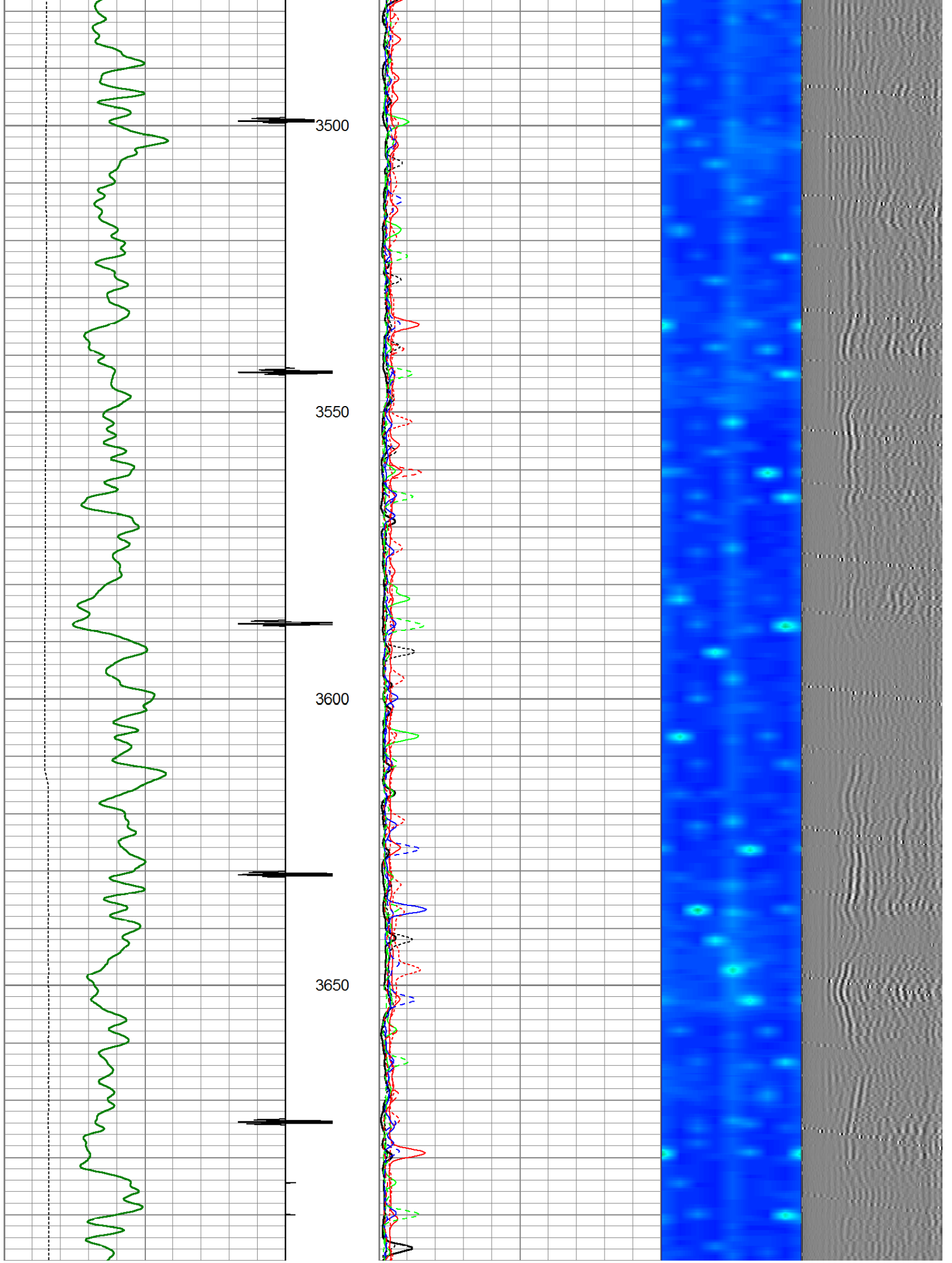


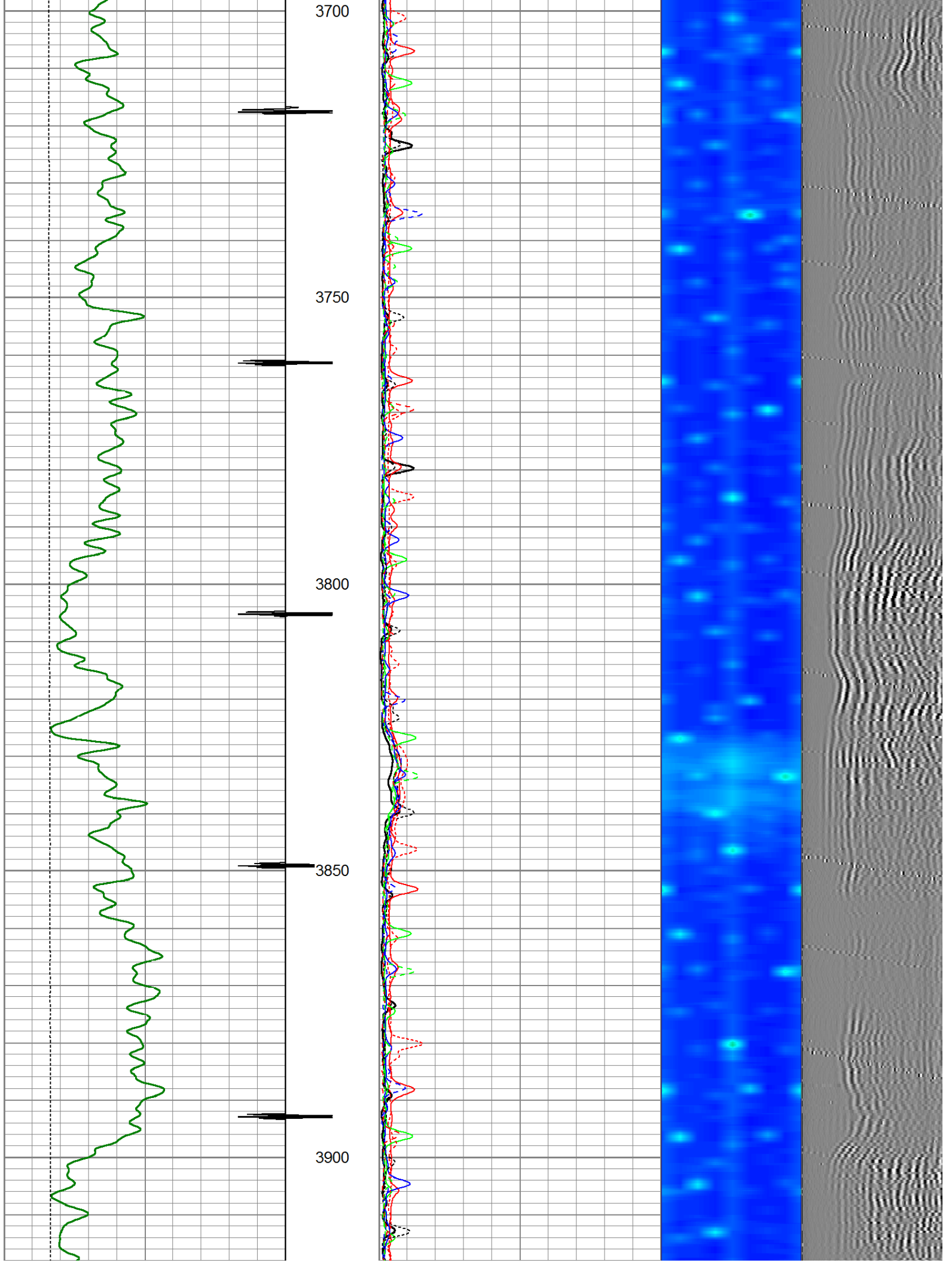


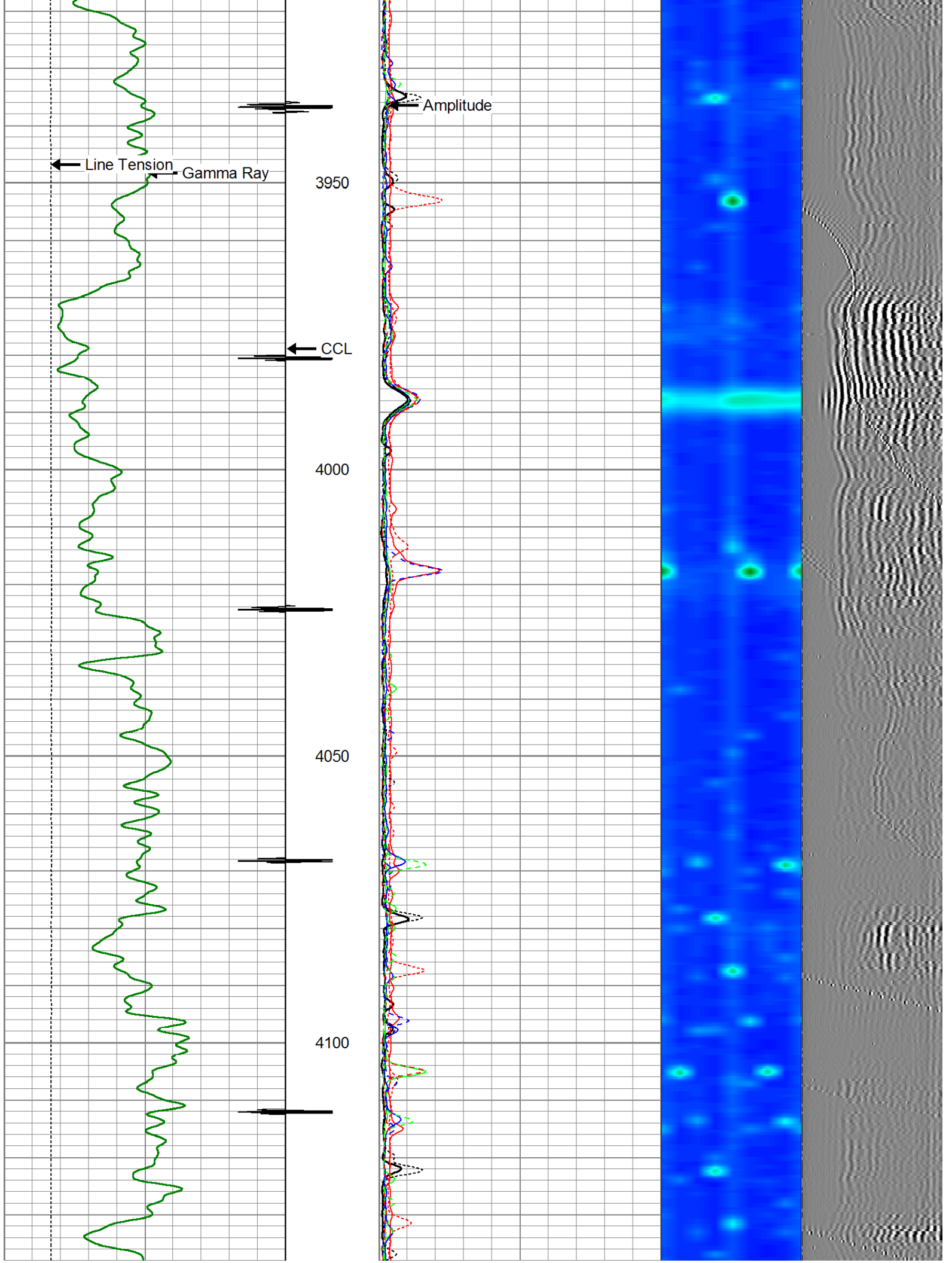


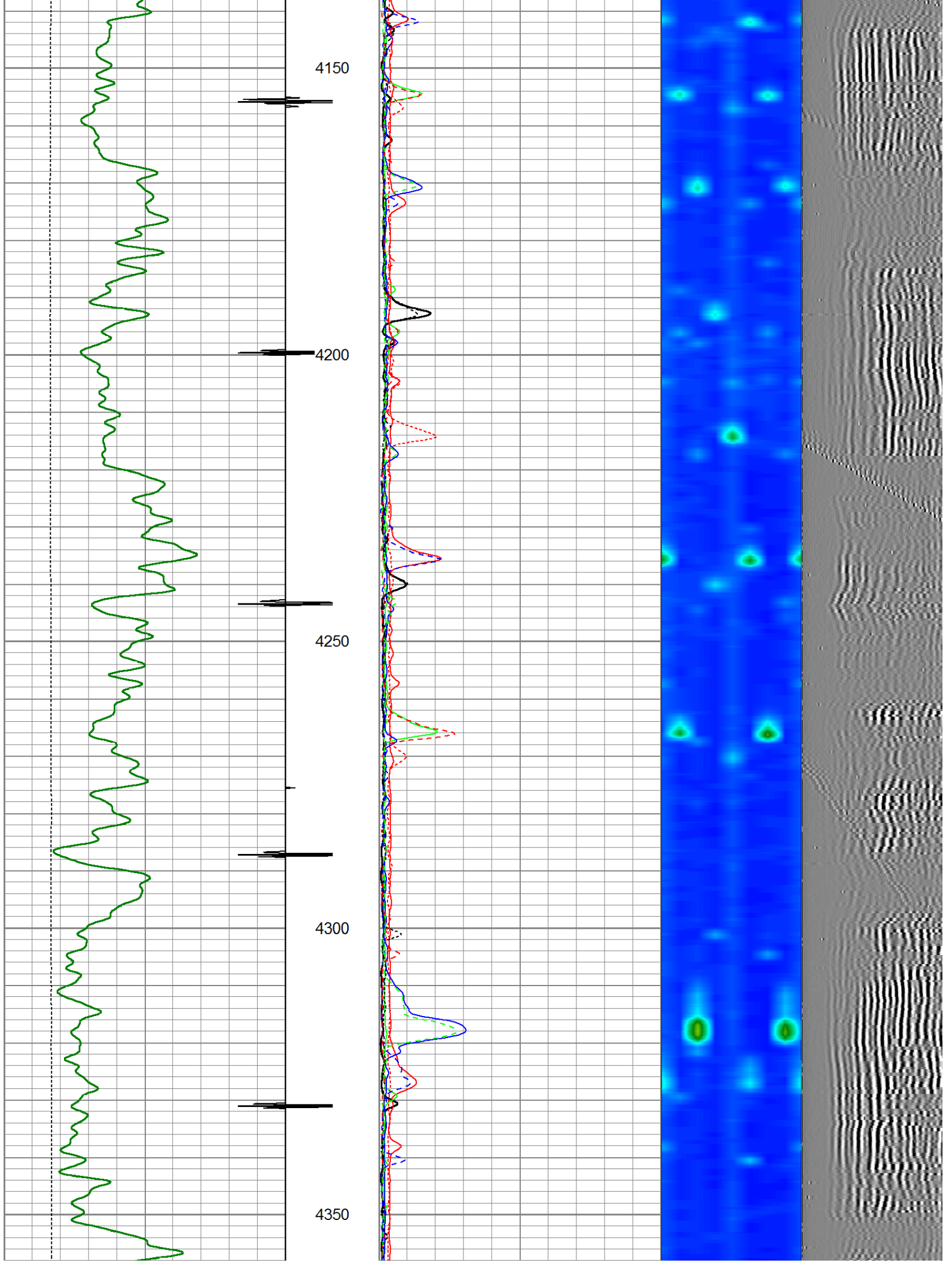


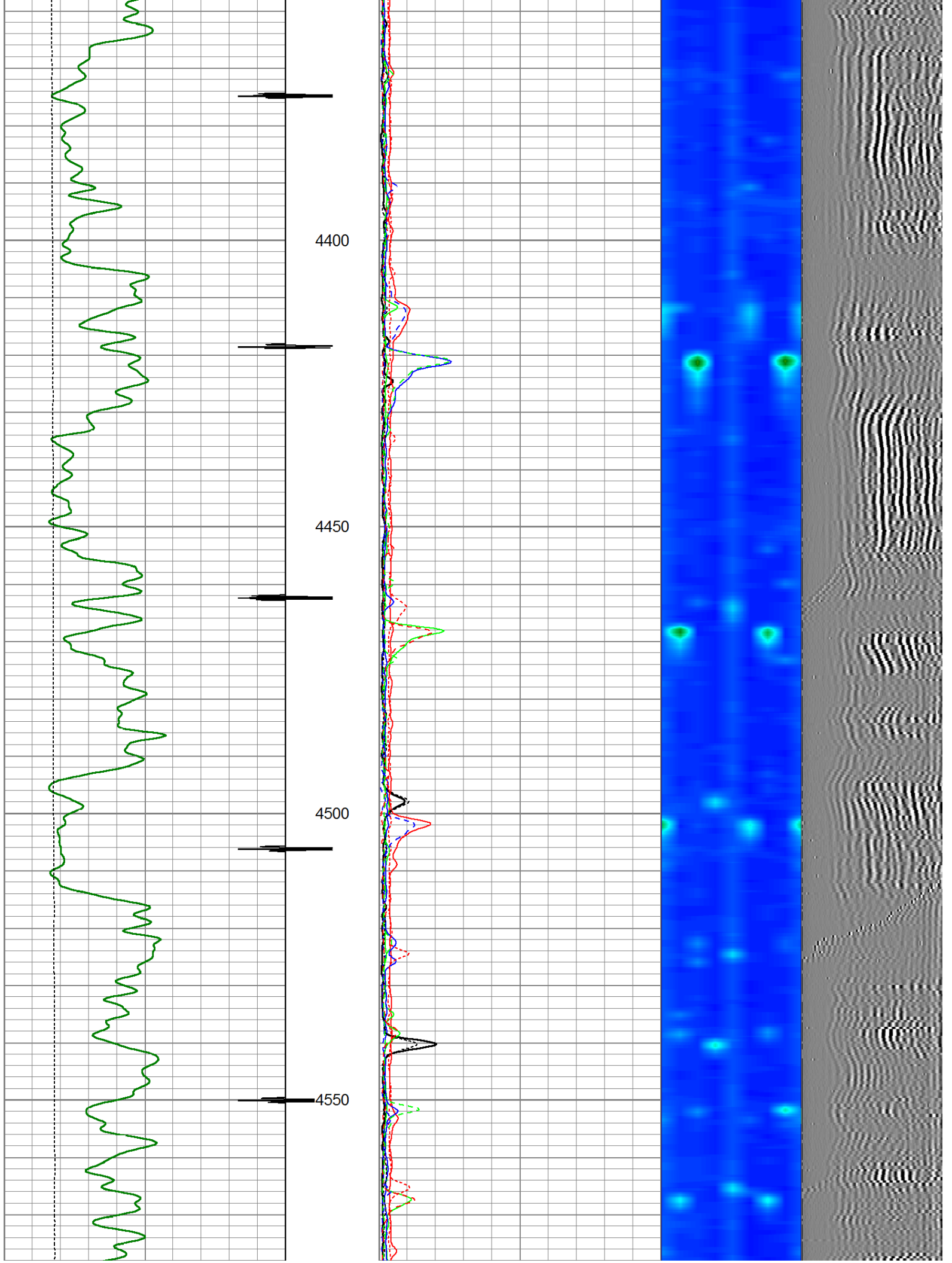


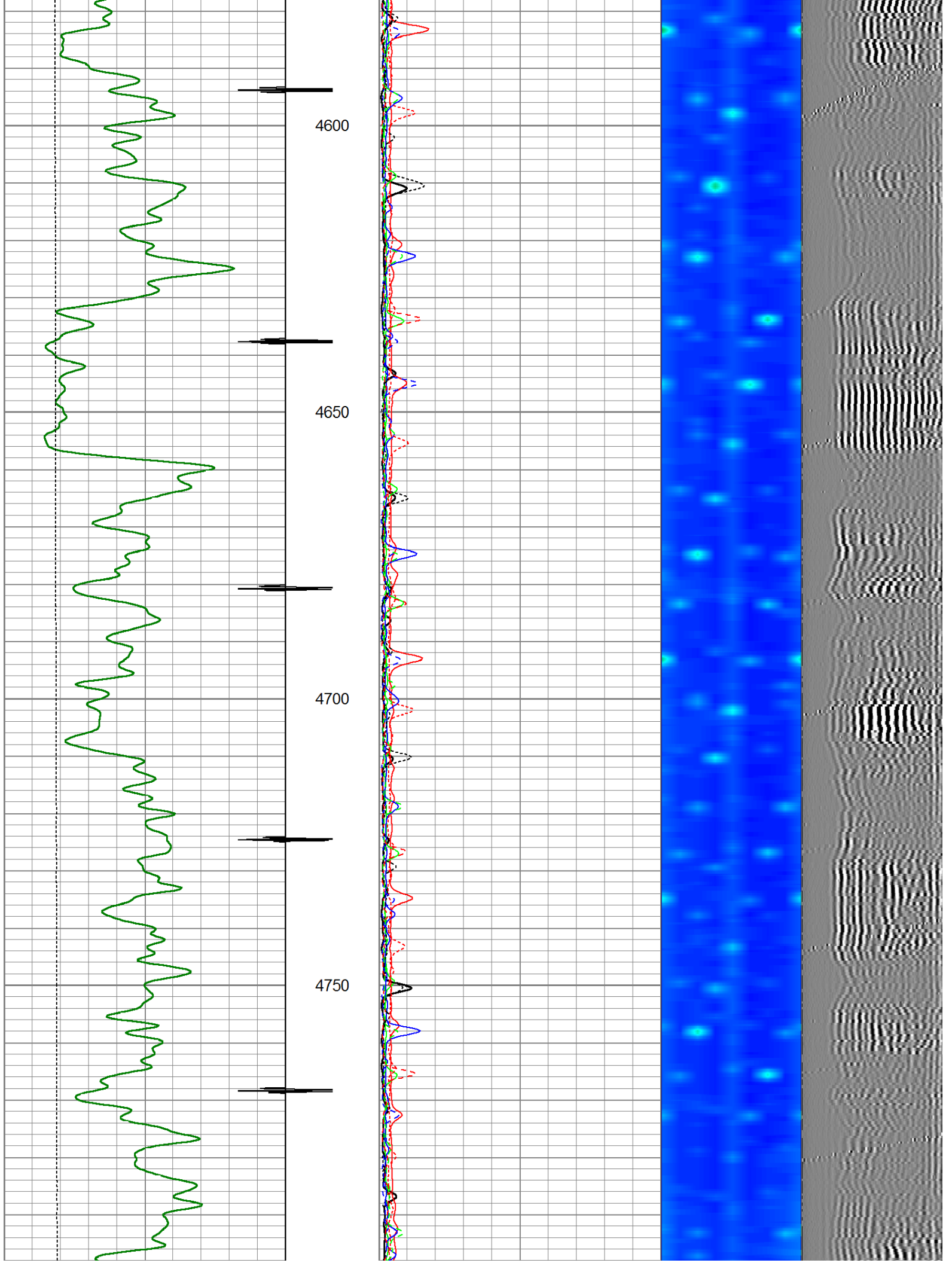


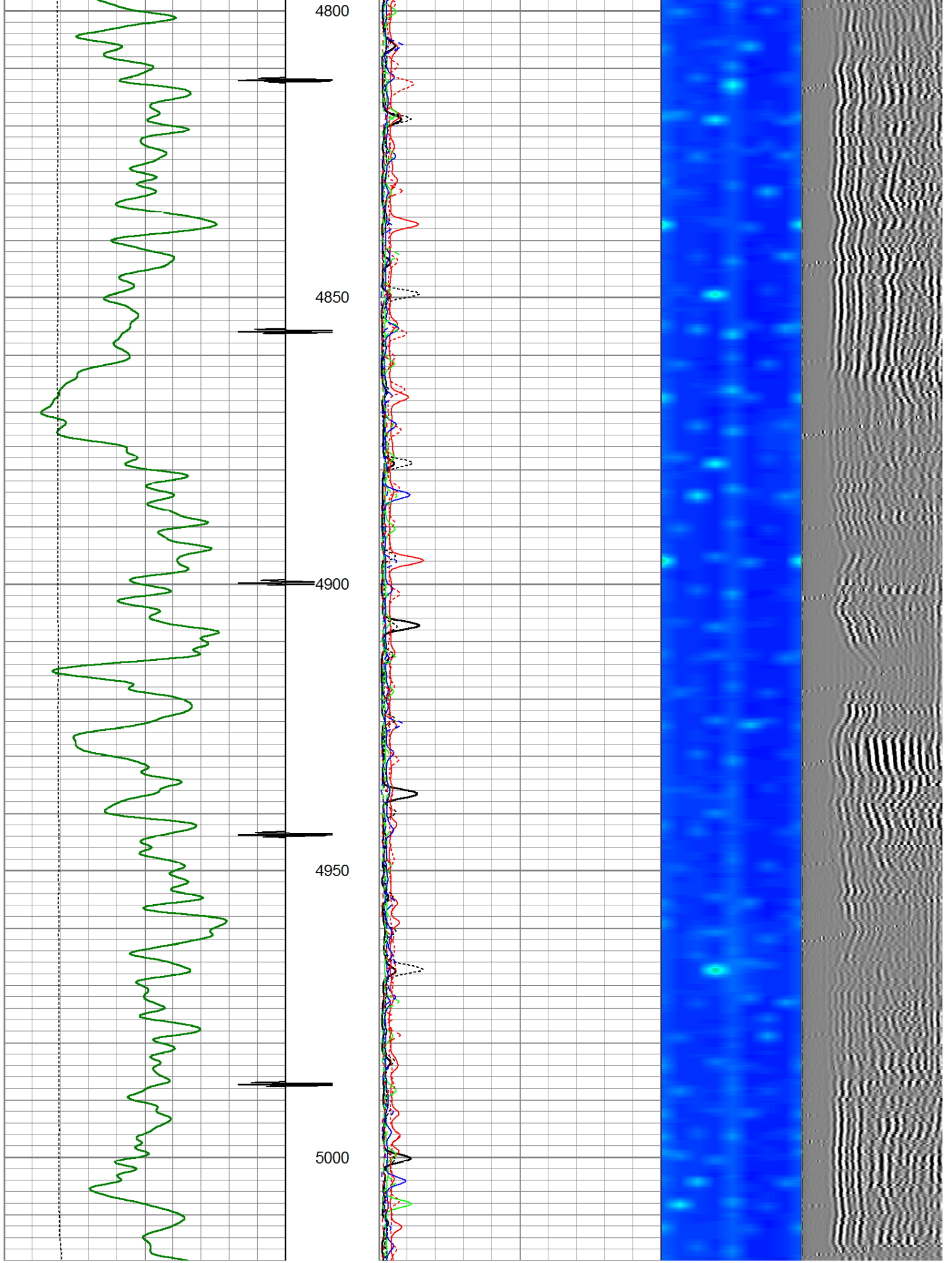


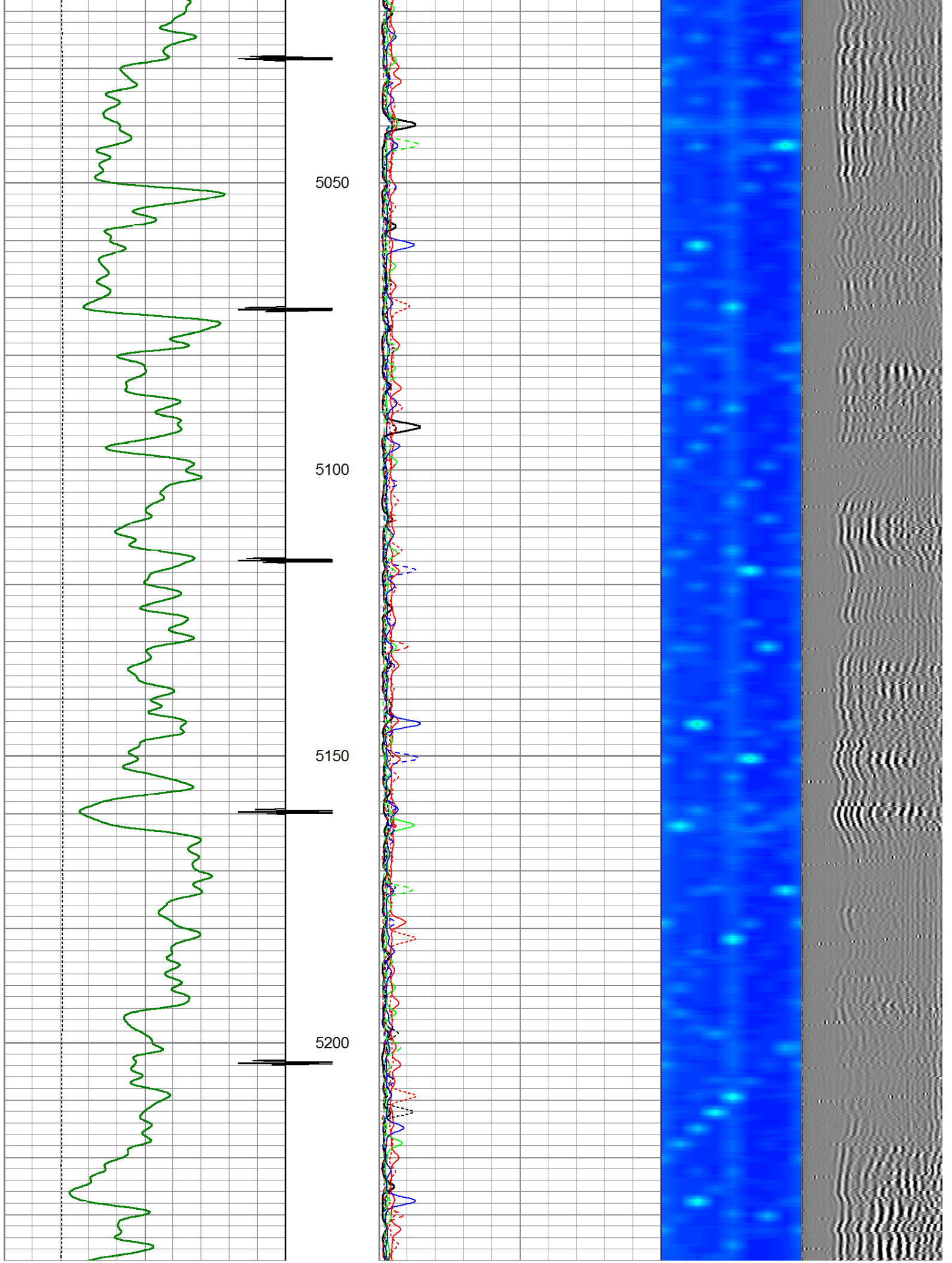


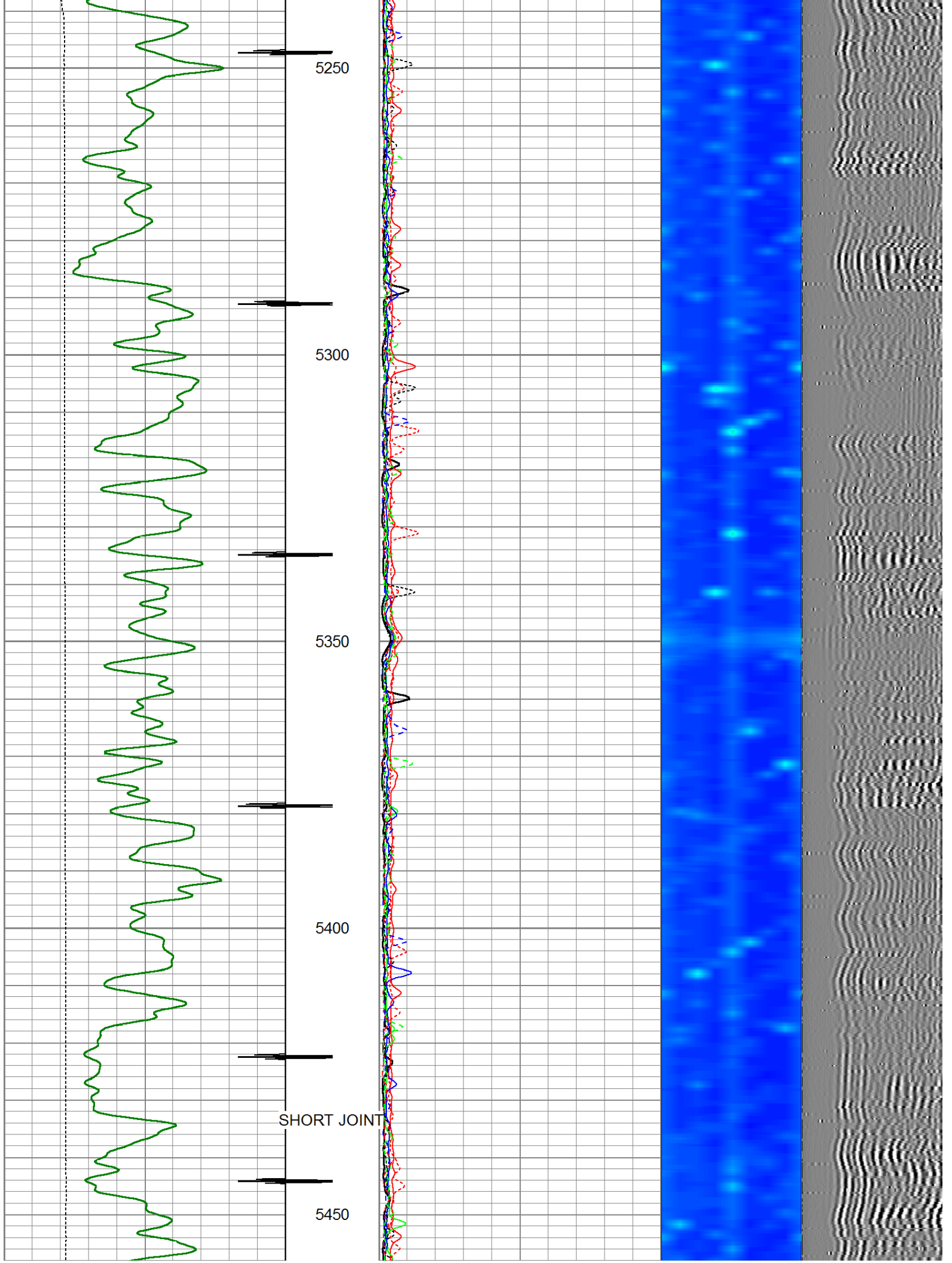


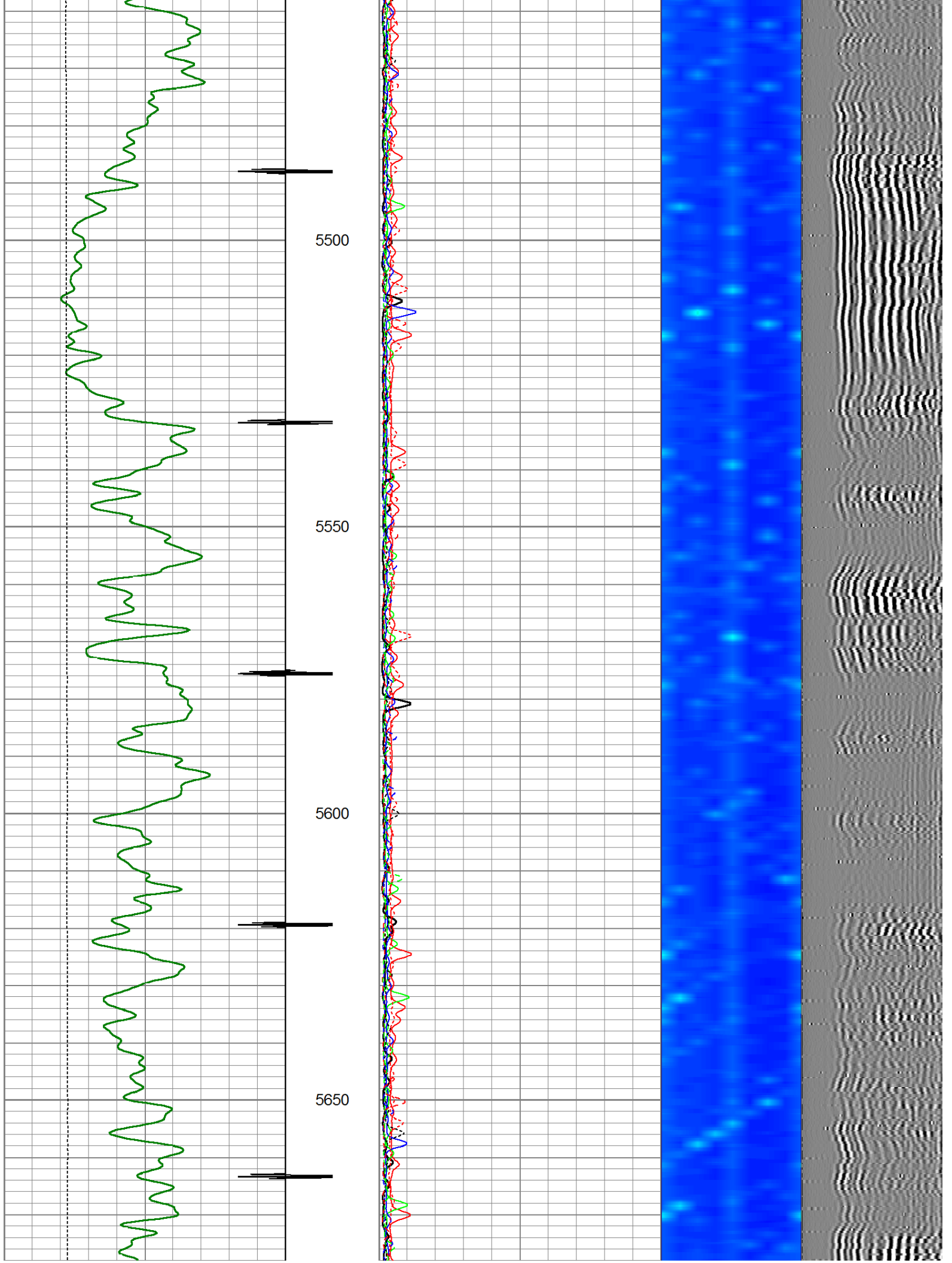


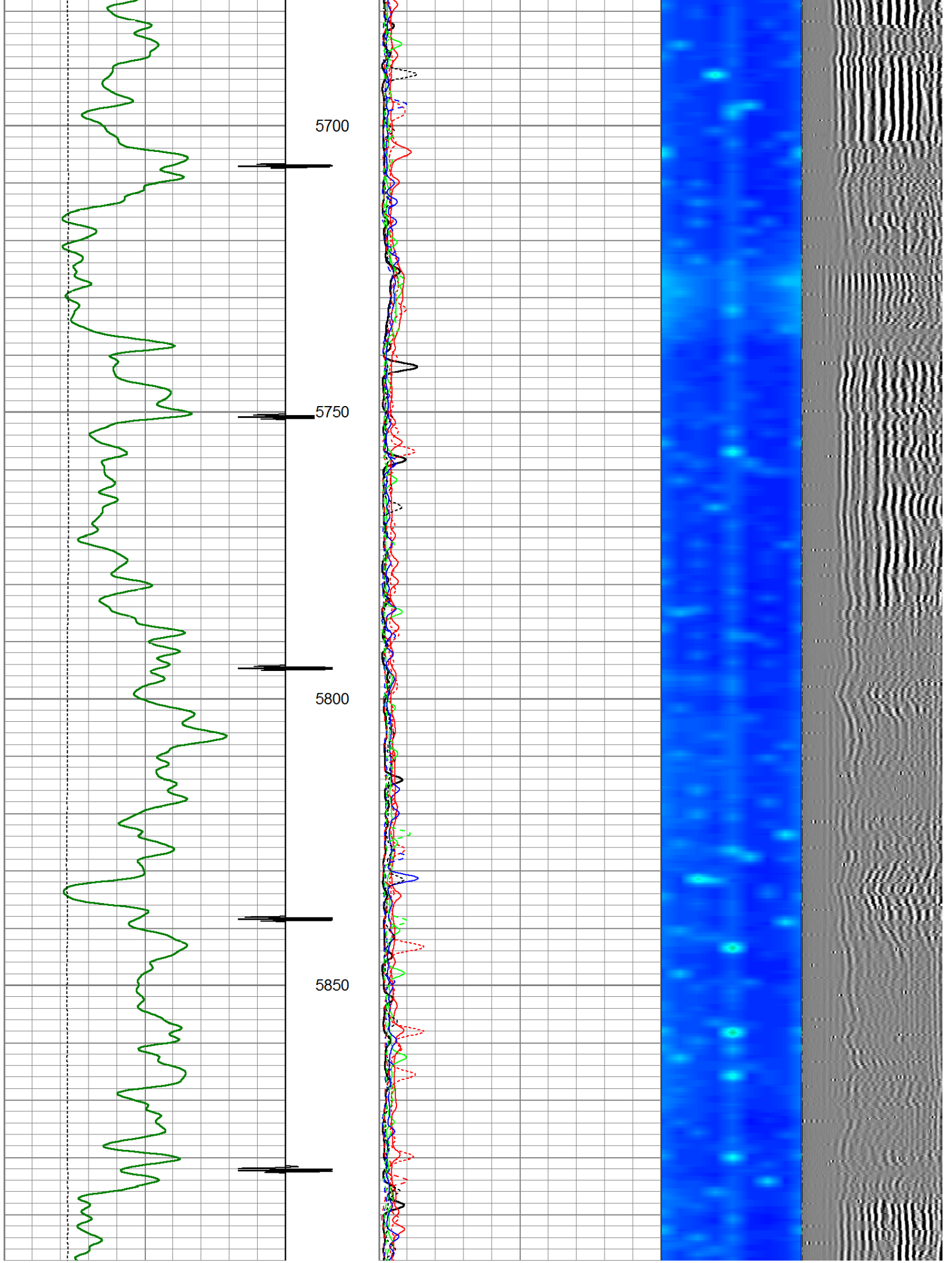


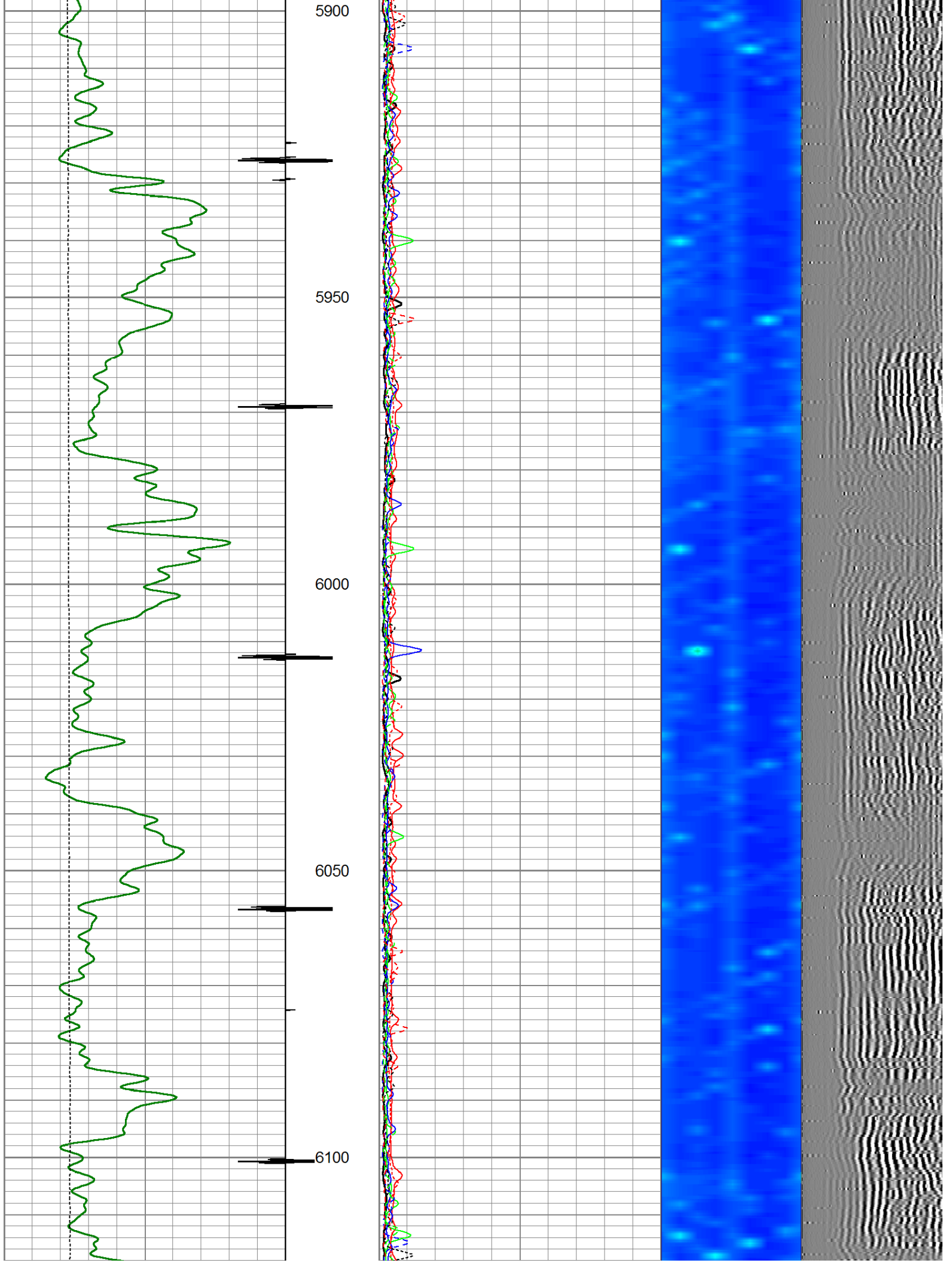


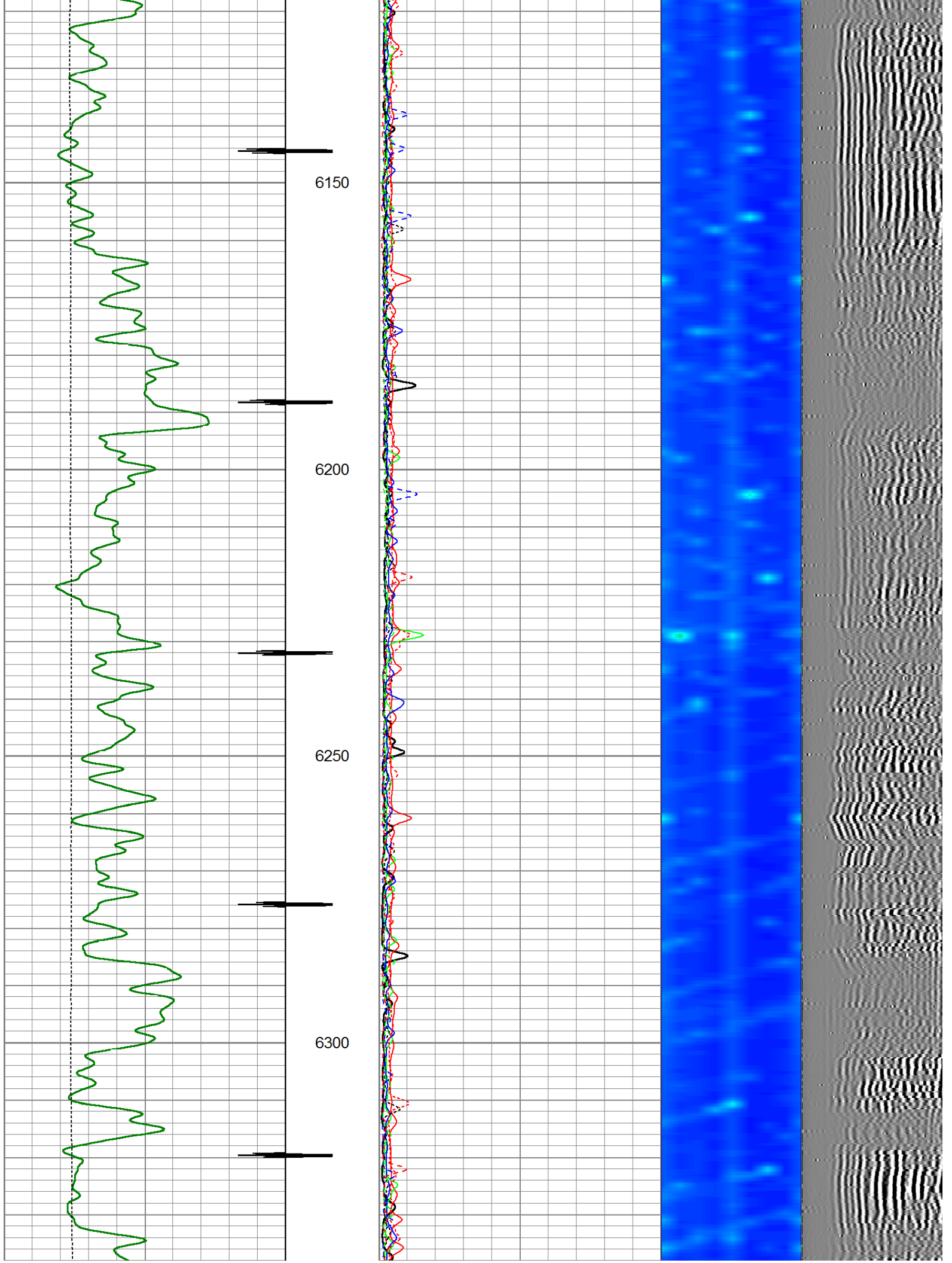


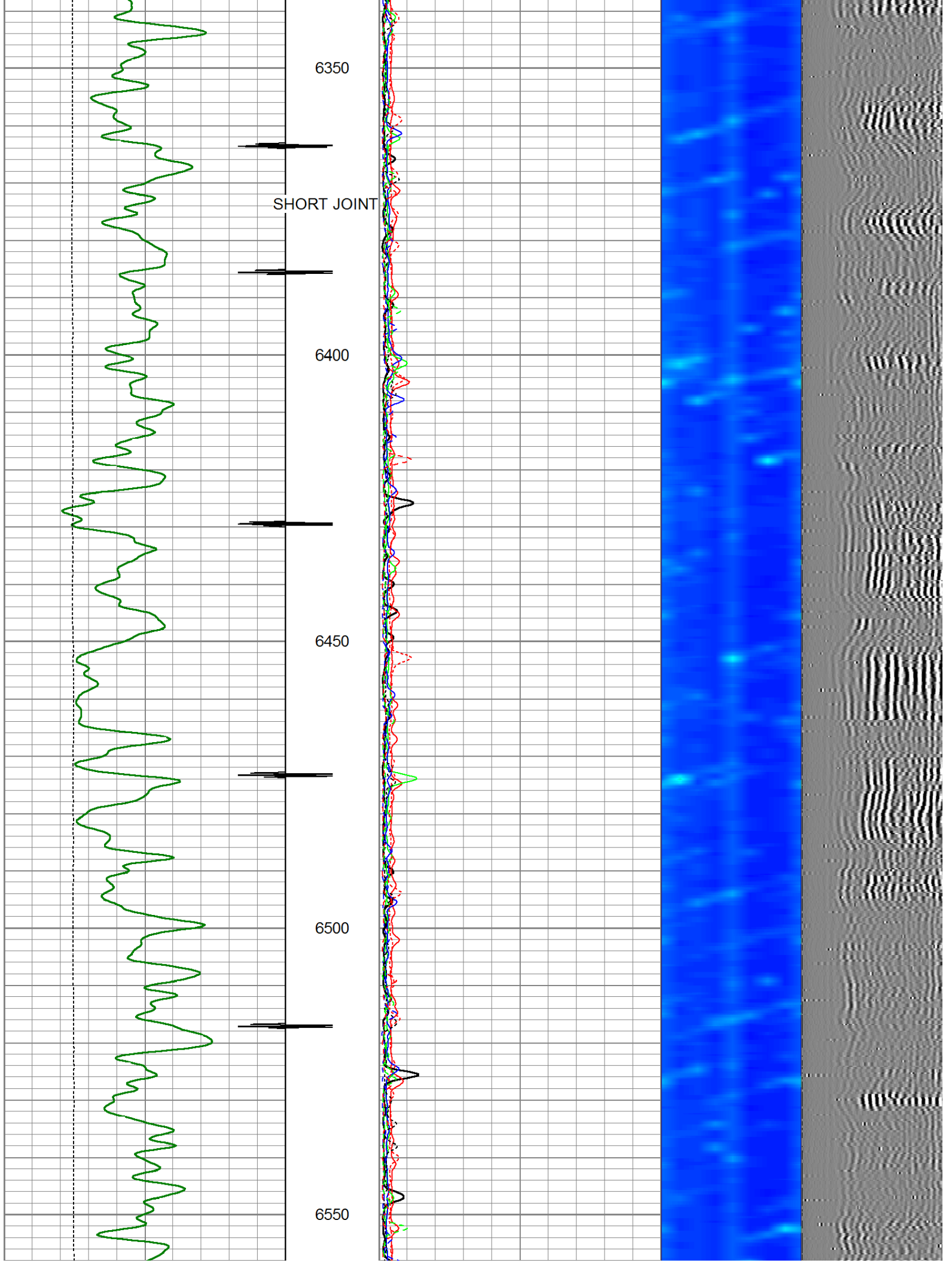


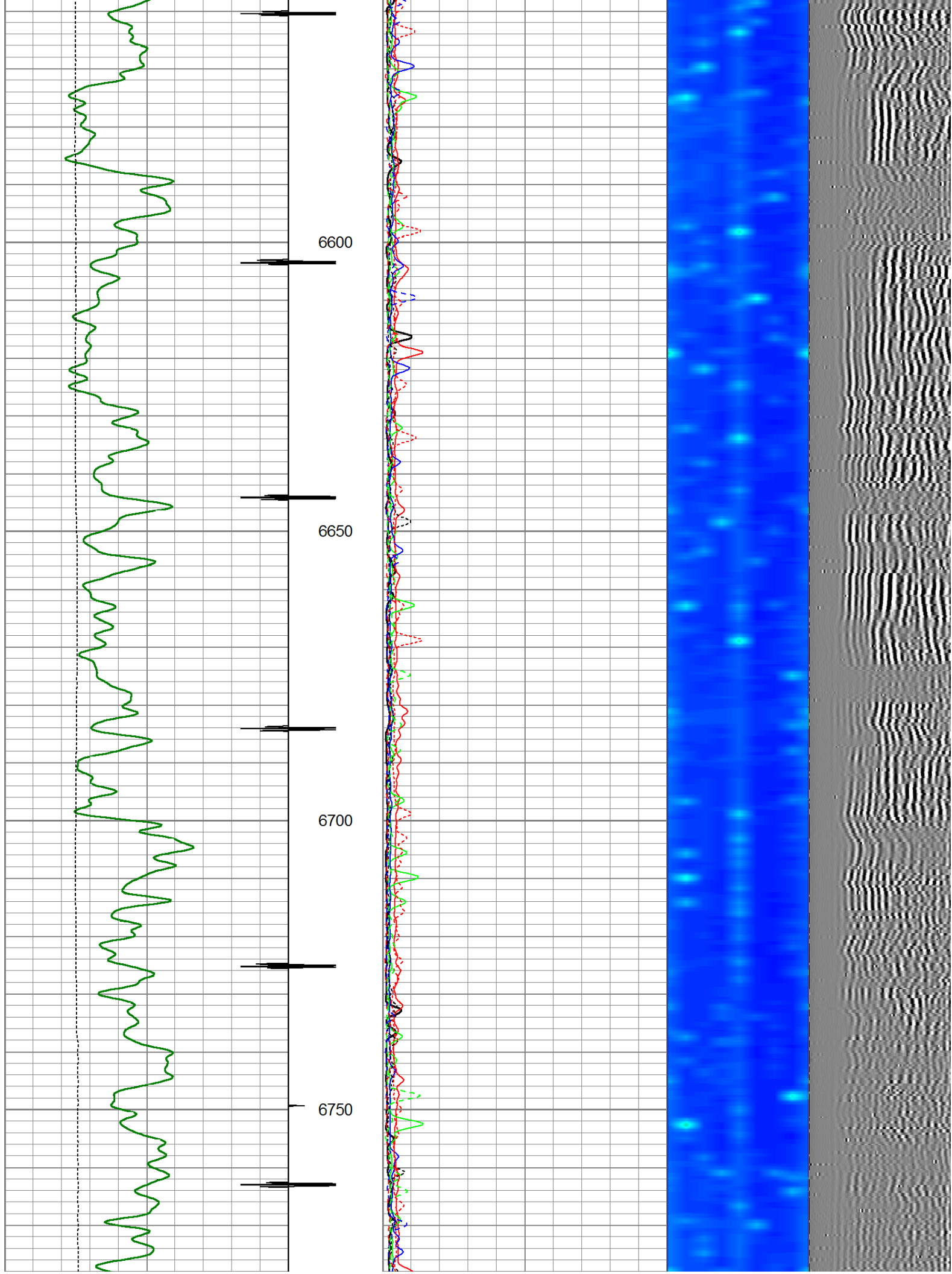


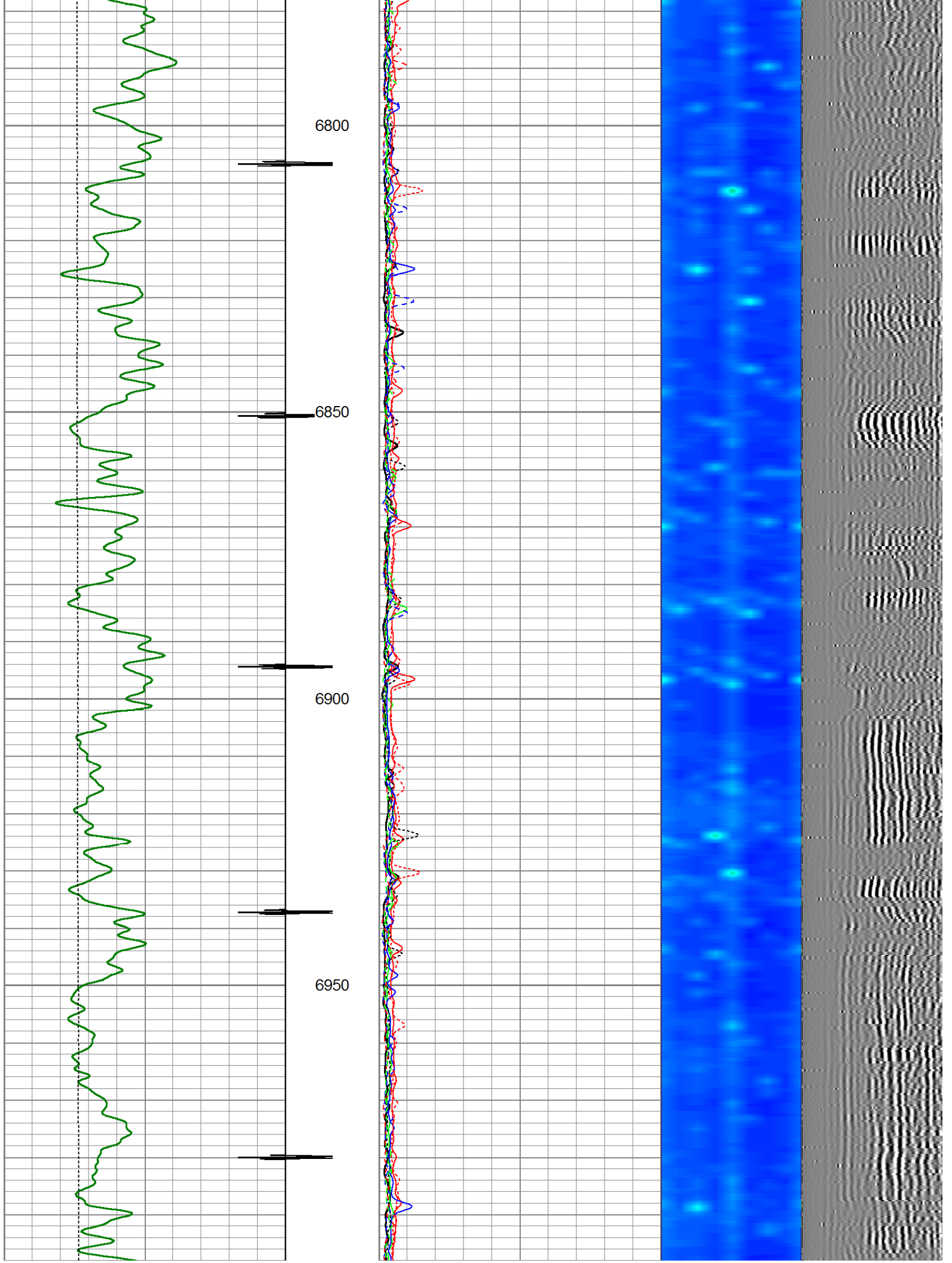


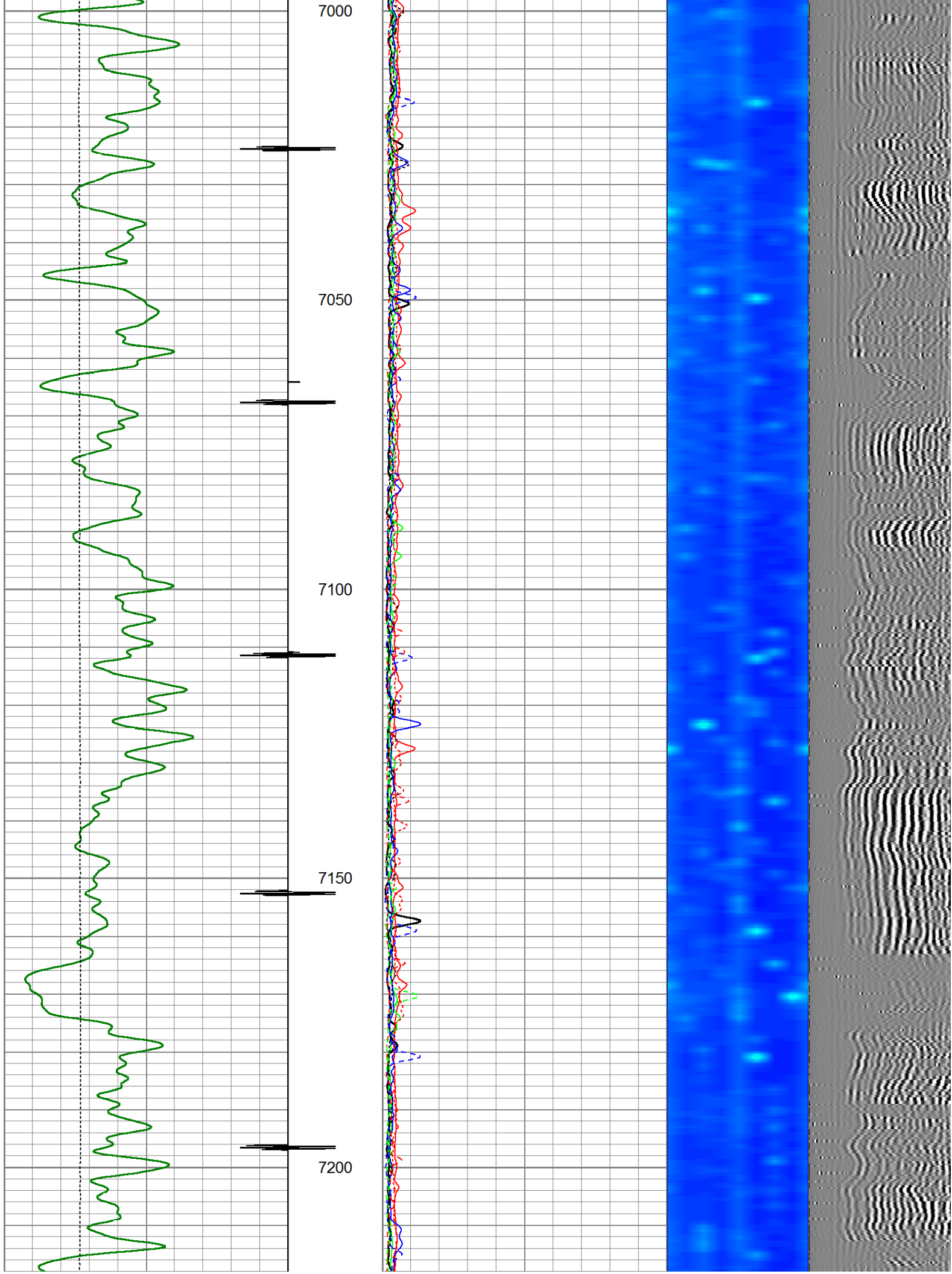


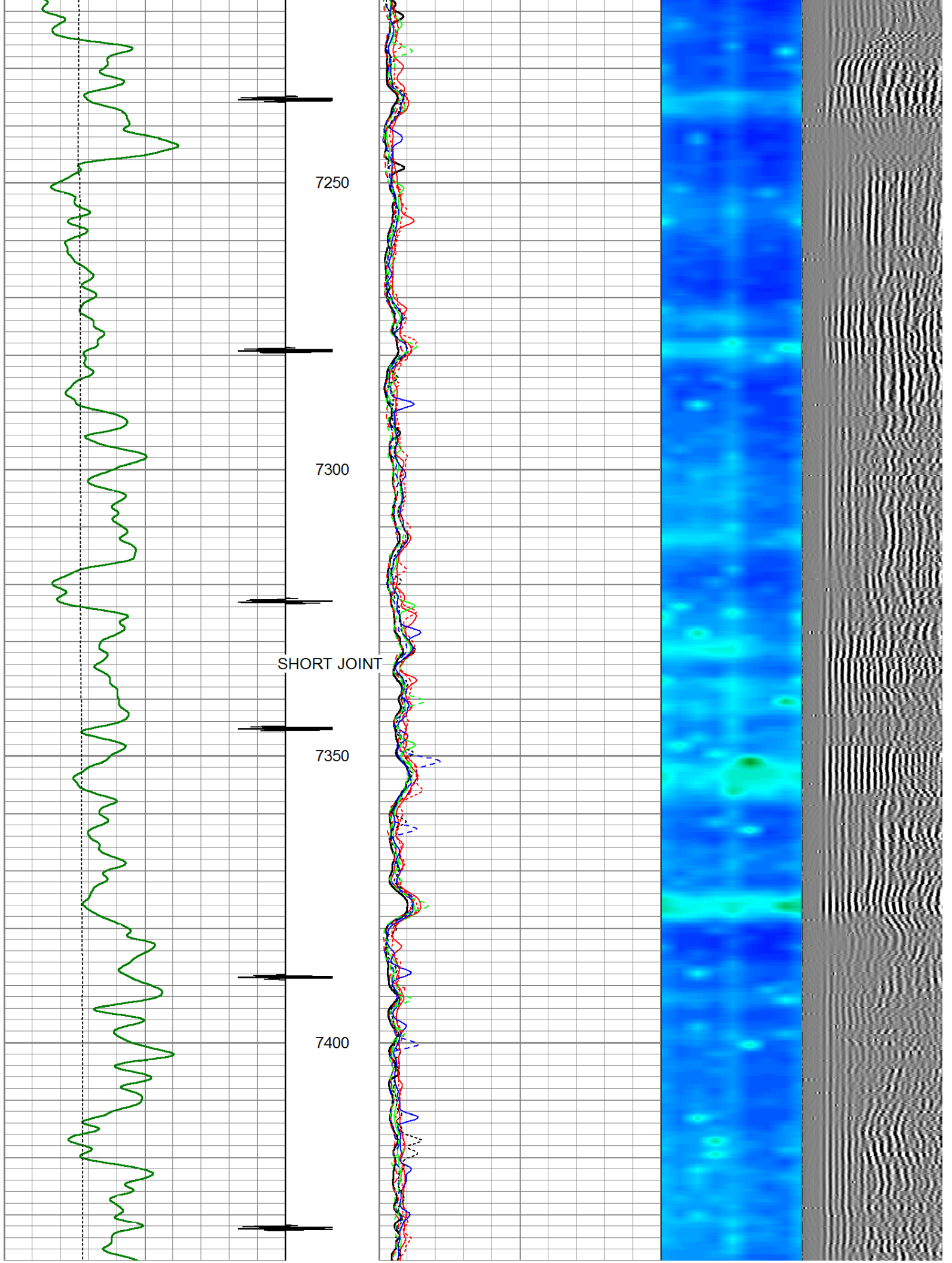


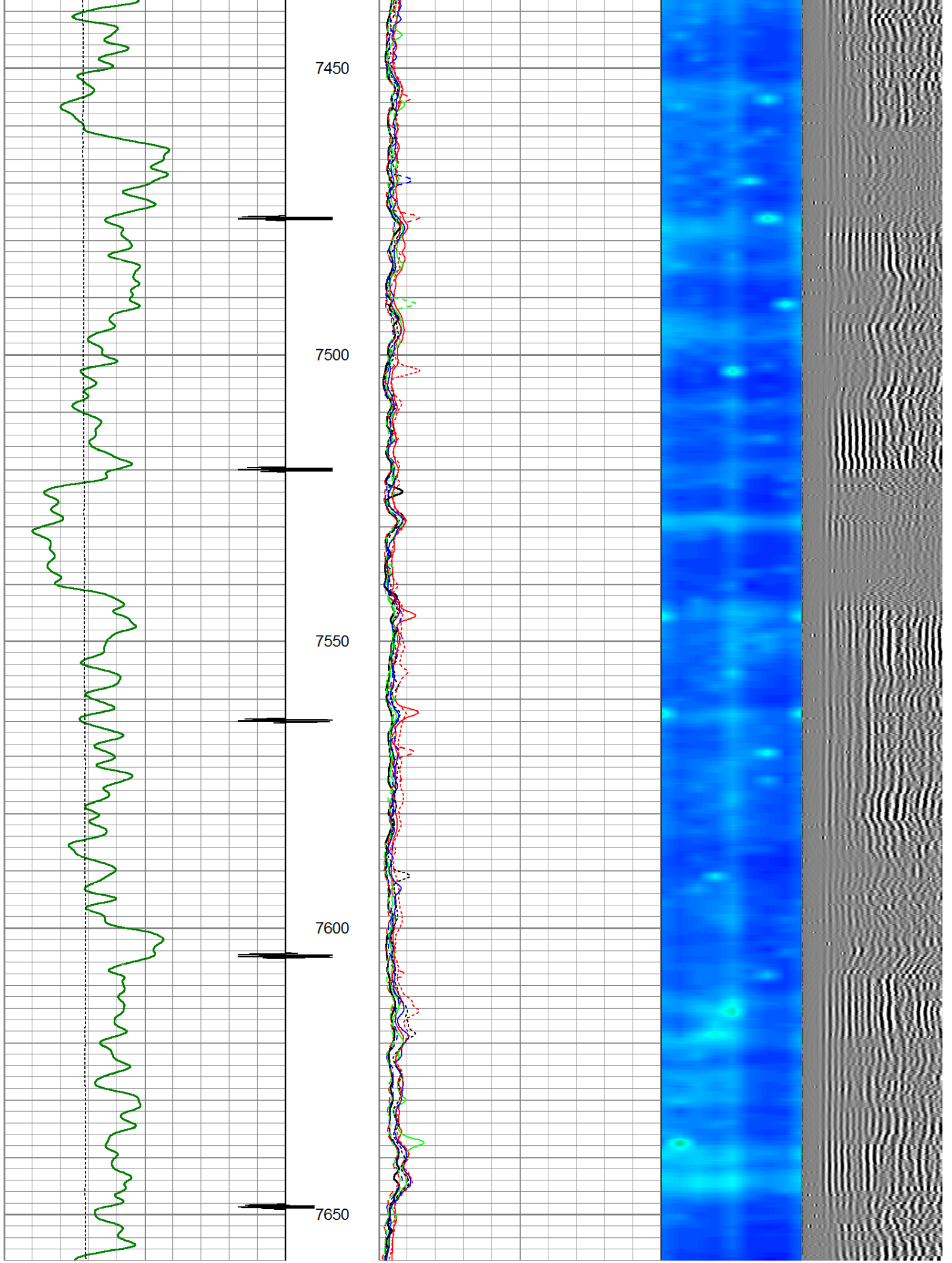


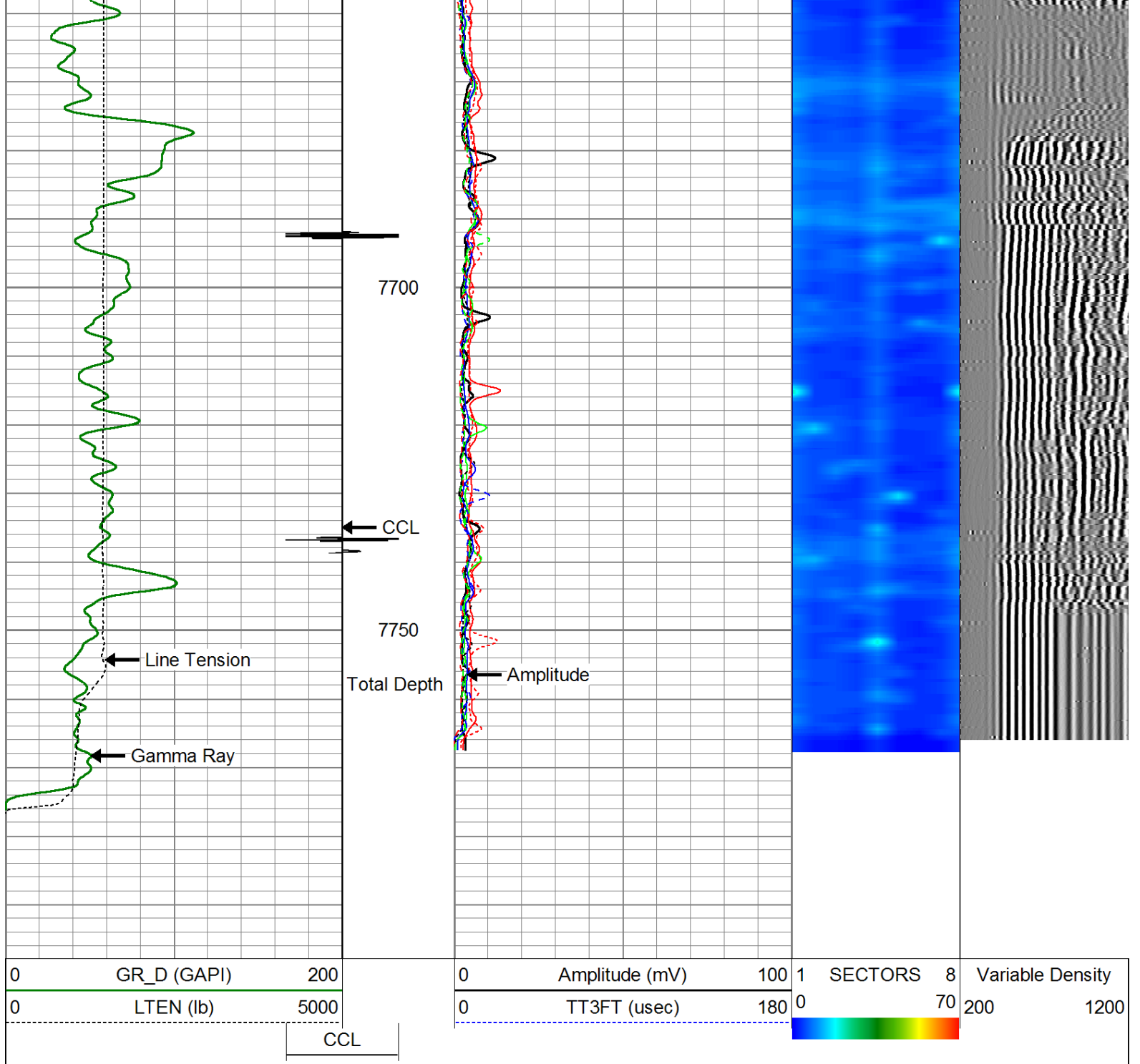












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	18.54		titan	1.00	1.69	2.00
			SNDX_CCL-SNDX_3_13_CCL (000002) CSS Gamma Ray/CCL (CCL Section)	1.92	3.13	11.02
			SONDEX	2.71	2.75	32.00

