



CEMENT BOND LOG

Mesa Wireline

Company	ANTERO RESOURCES CORP.		
Well	DIXON FEDERAL B14		
Field	MAMM CREEK		
County	GARFIELD	State	COLORADO
Location:	API # : 05-045-20427-0000	Other Services	NONE
SEC: 15 TWP: 06S RGE: 92W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	5513'
Log Measured From	KELLY BUSHING = 24 FT		
Drilling Measured From	KELLY BUSHING		
Date	7 MAR 2012		

Run Number	ONE				
Depth Driller	8080'				
Depth Logger	8077'				
Bottom Logged Interval	8077'				
Top Log Interval	SURFACE				
Open Hole Size	7.875"				
Type Fluid	WATER				
Density / Viscosity	~8.34 LBS/GAL				
Max. Recorded Temp.	190 DEG F				
Estimated Cement Top	2170'				
Time Well Ready	N/A				
Time Logger on Bottom	1230				
Equipment Number	ST0302				
Location	GRAND JUNCTION				
Recorded By	M. BERNATCHEZ				
Witnessed By	R. TOLLE				
Borehole Record					
Run Number	Bit	From	To	Size	Weight
ONE	24"	SURFACE	60'		
TWO	12.25"	60'	1000'		
THREE	7.875"	1000'	8080'		
Tubing Record					
Casing Record	Size	Weight	Top	Bottom	
Surface String	8.625"	24/32#	SURFACE	1000'	
Prot. String					
Production String	4.5"	11.6#	SURFACE	8080'	
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

NO LOG AVAILABLE FOR CORRECLATION.
SHORT JOINTS: 4959' - 4982' & 6292' - 6313'& 7540' - 7561'

PICKED UP DEBRIS IN WELL BORE CAUSING NOISE IN TEMPERATURE TOOL.

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



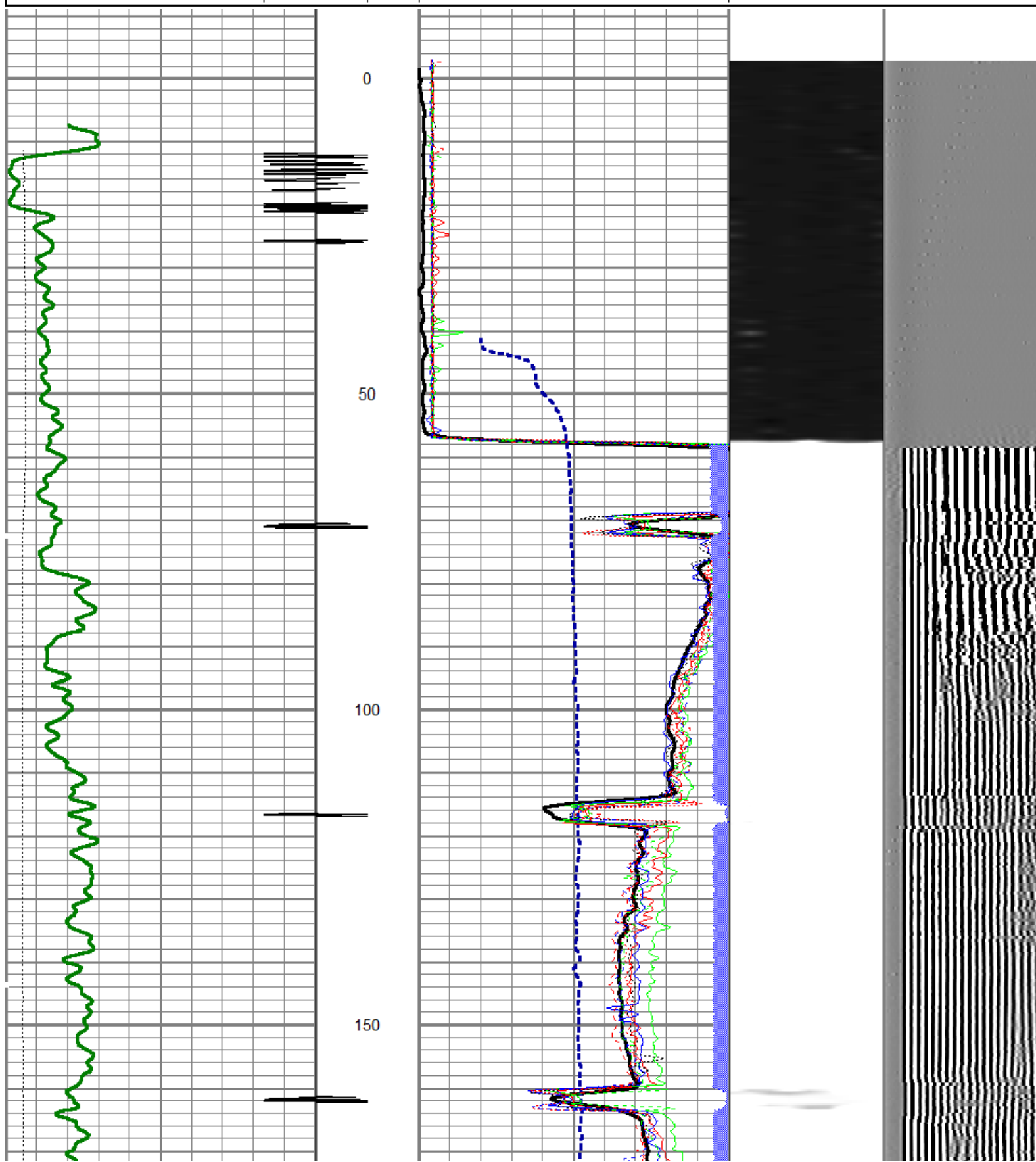
MAIN LOG PASS

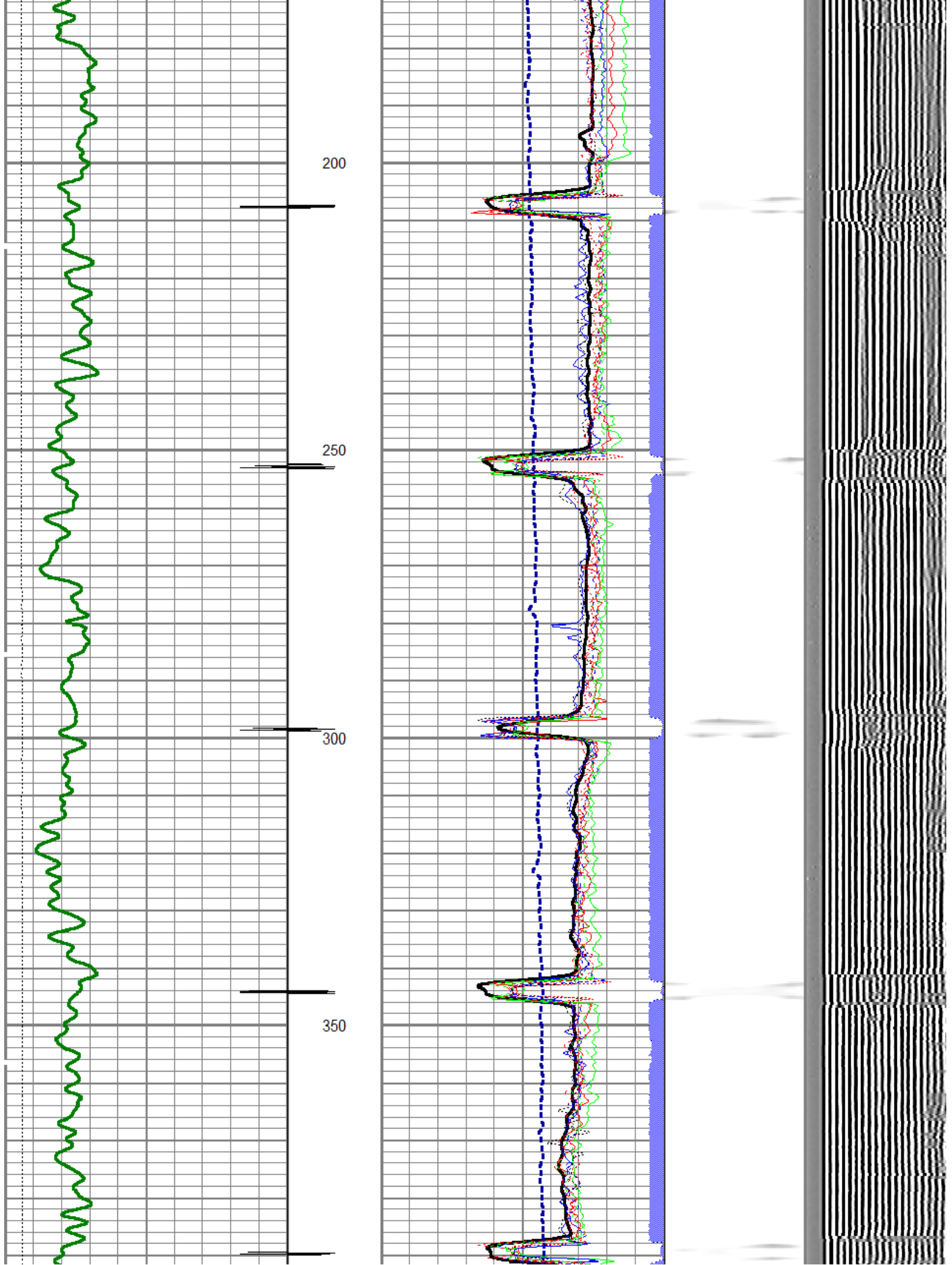
SCALE 5" = 100'

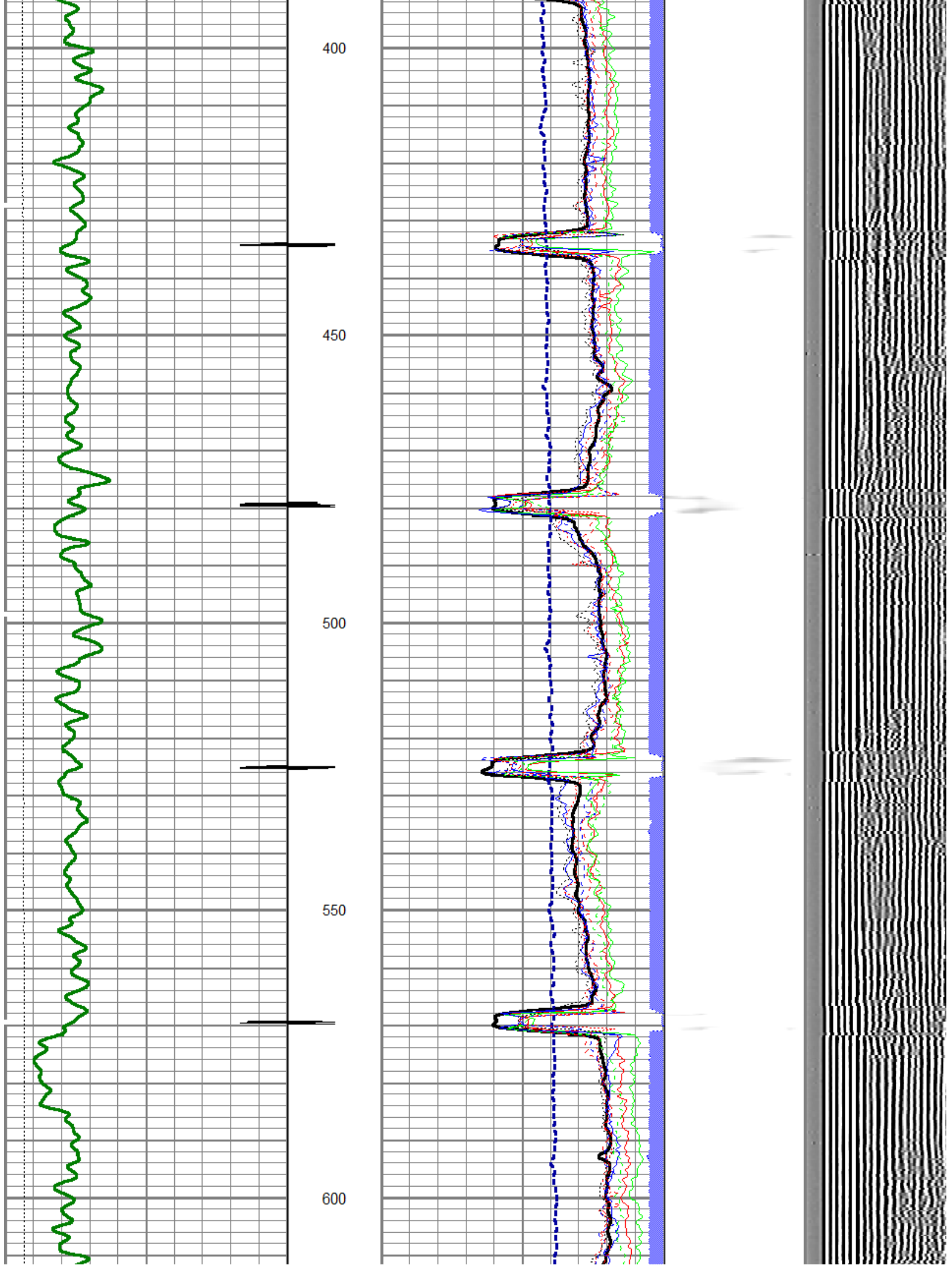
Mesa Wireline

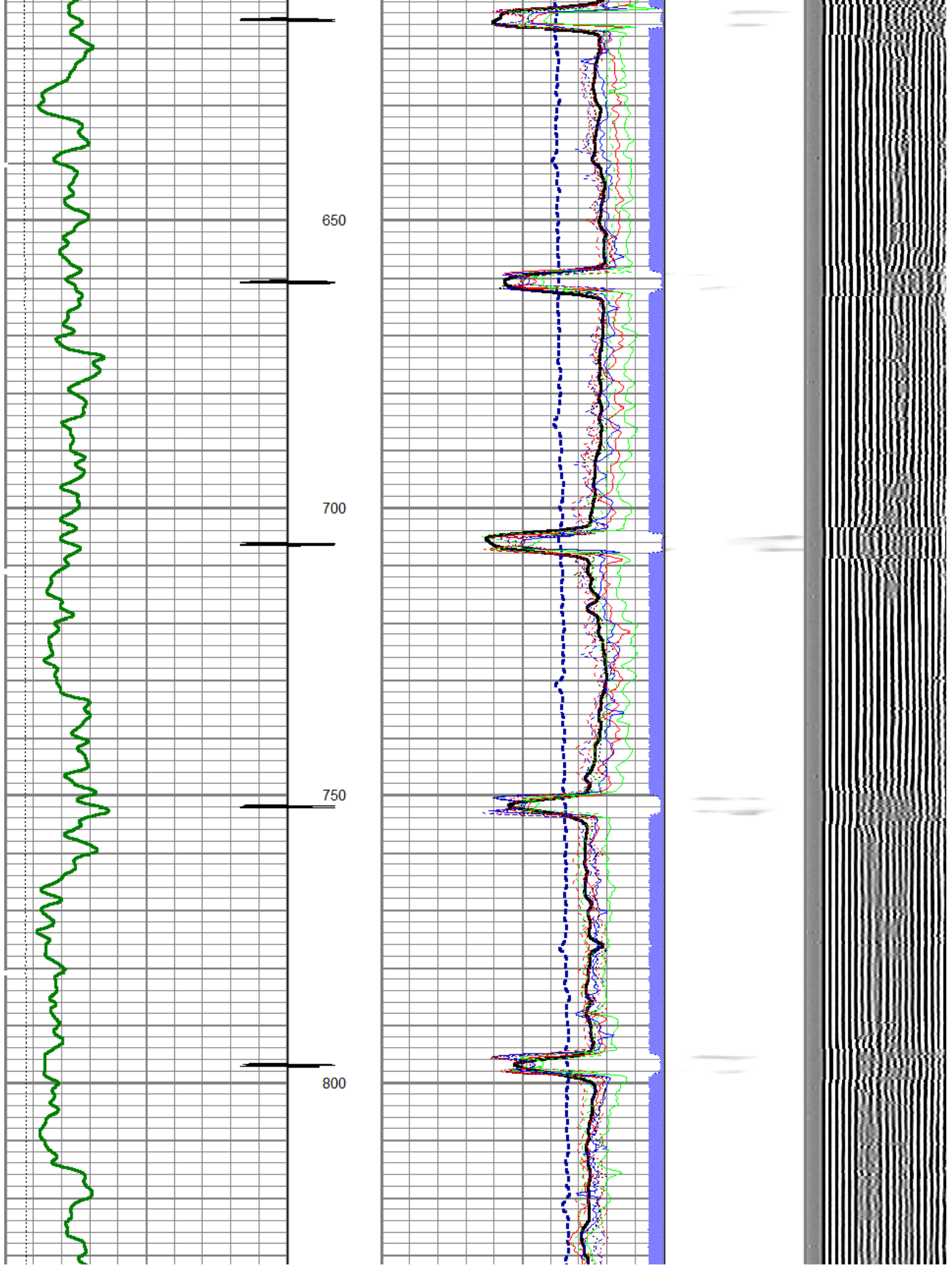
Database File: dixon federal b14.db
Dataset Pathname: pass2
Presentation Format: rbt_fin
Dataset Creation: Thu Mar 08 01:37:57 2012
Charted by: Depth in Feet scaled 1:240

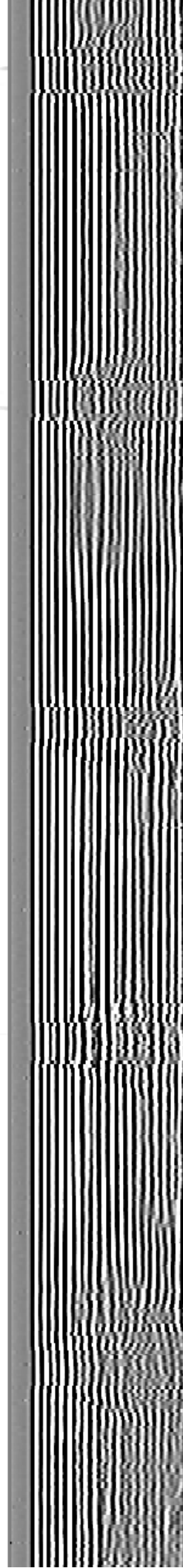
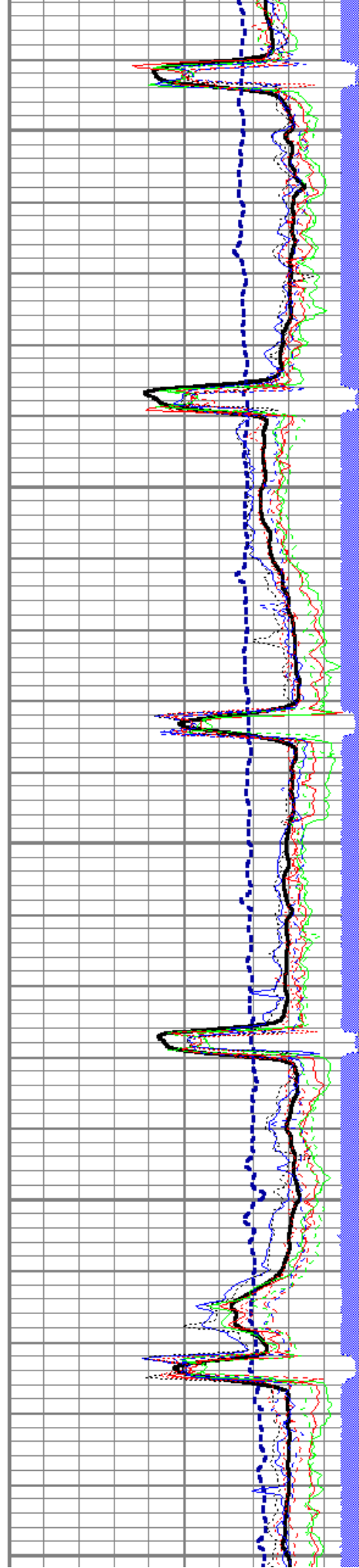
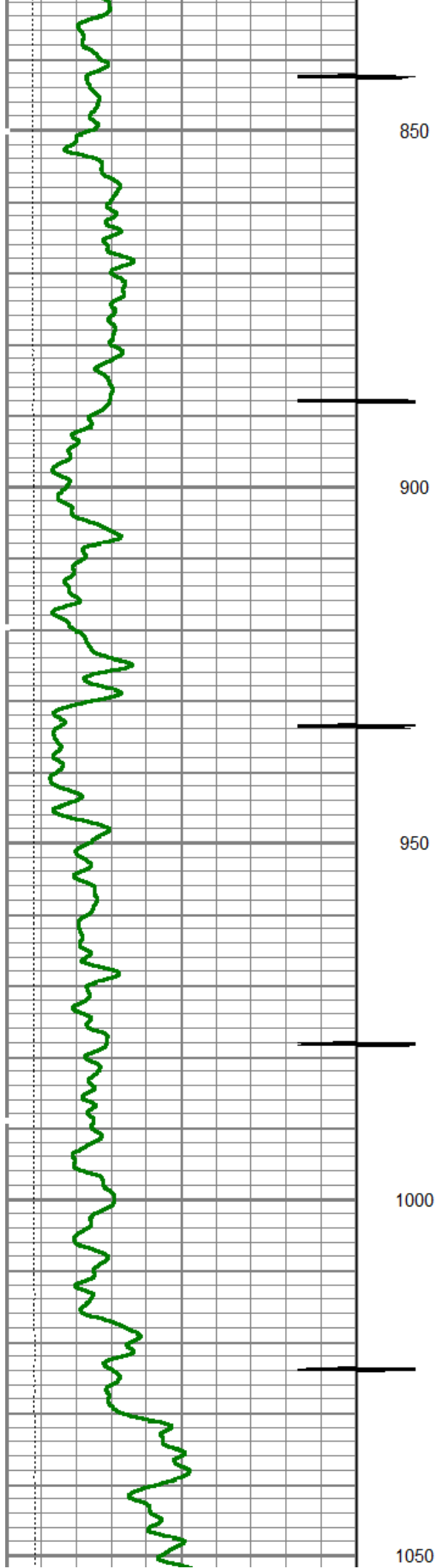
0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100	1	SECTORS	8	Variable Density	
0	LTEN (lb)	4000	0	temp (degF)	100	0		70	200	1200
		CCL	0	TT3FT (usec)	208					

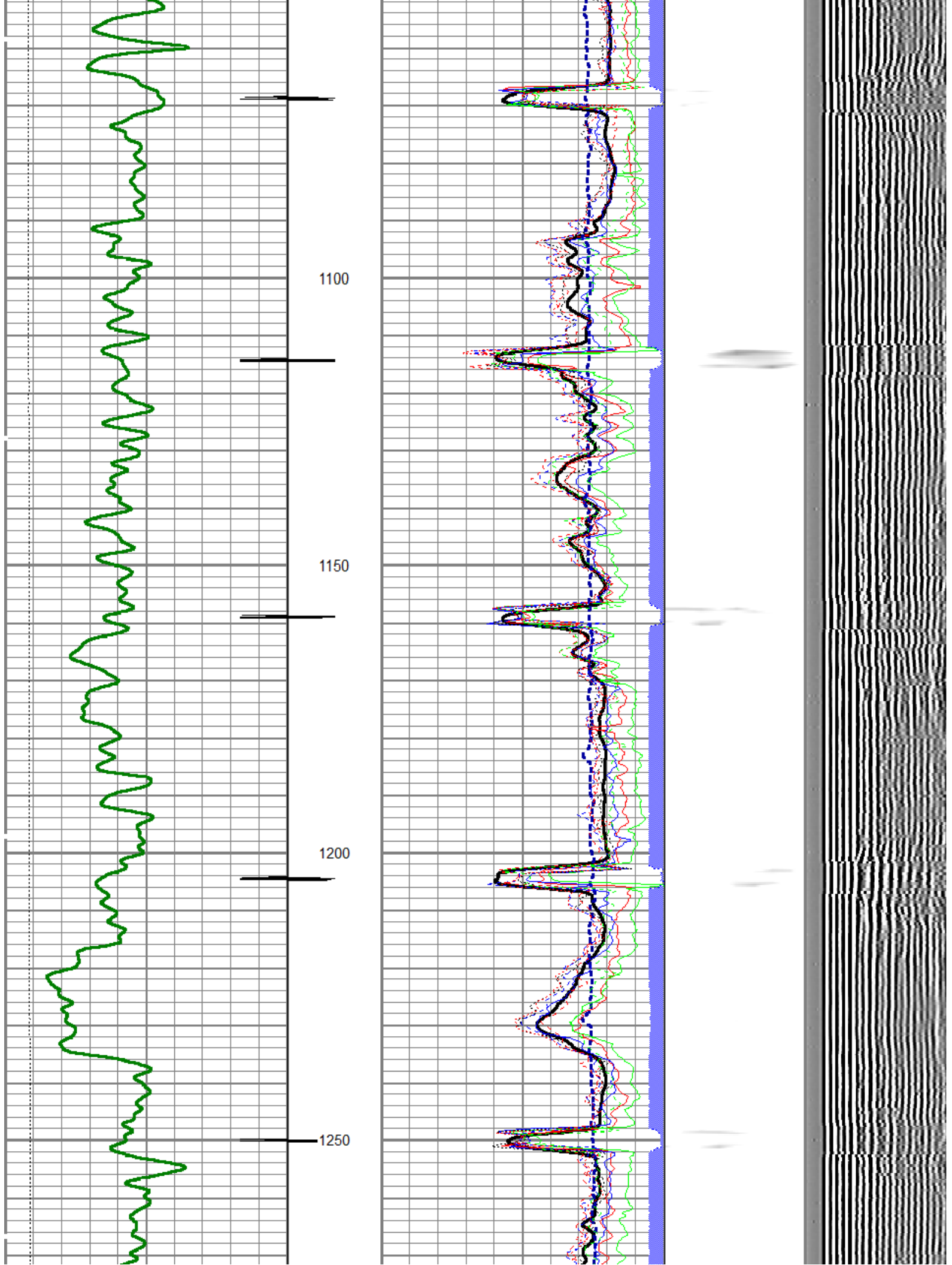


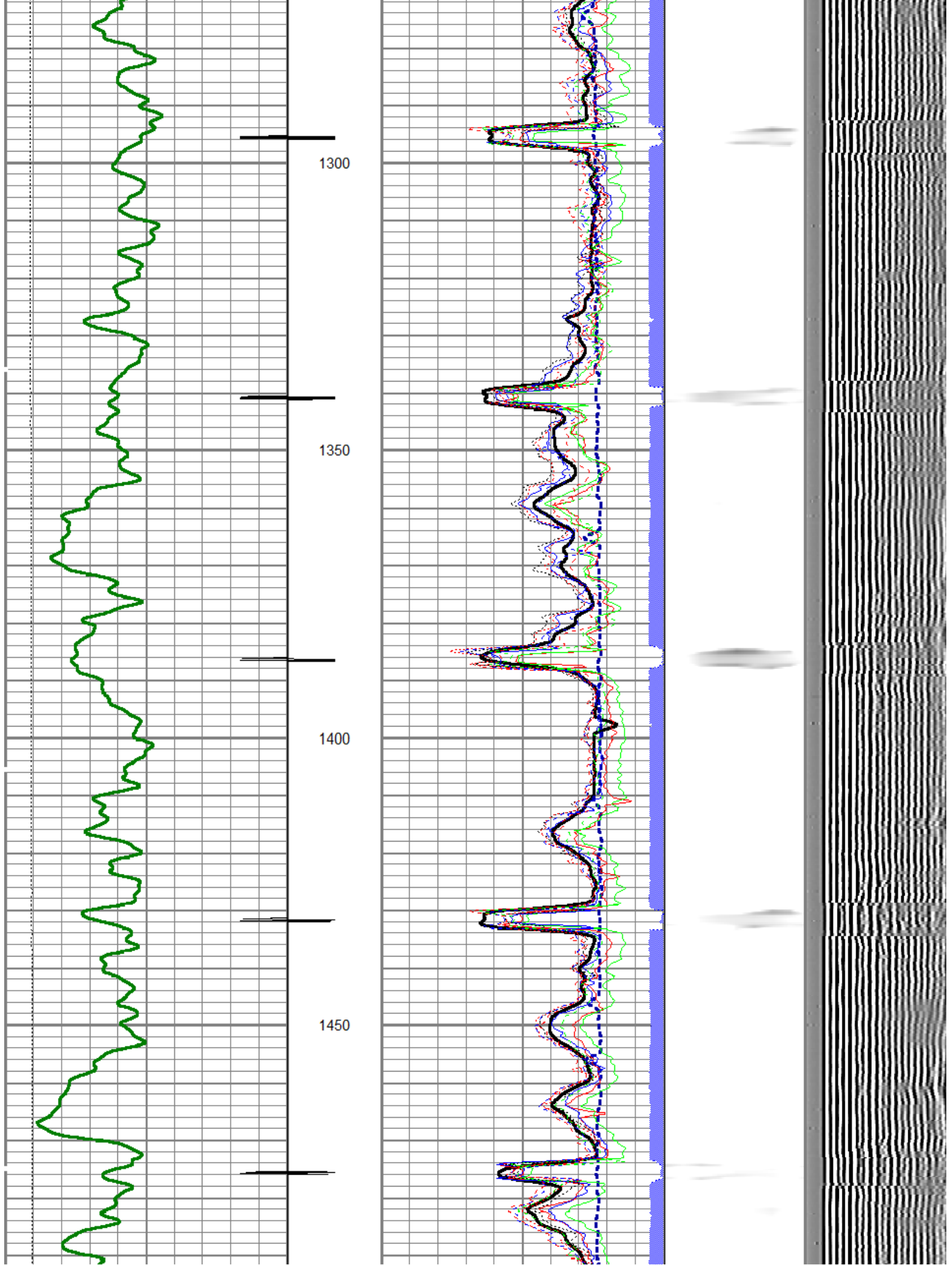


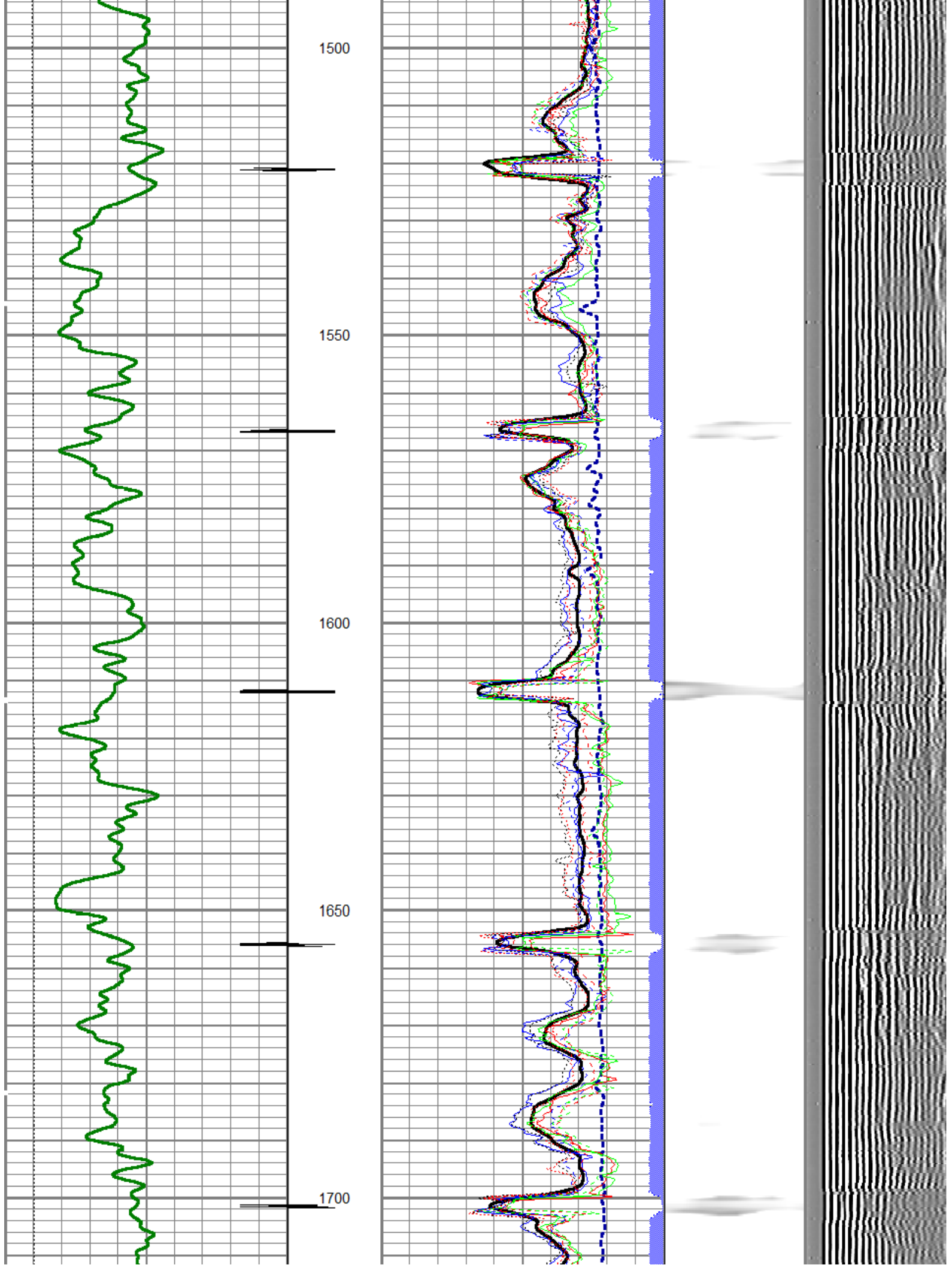


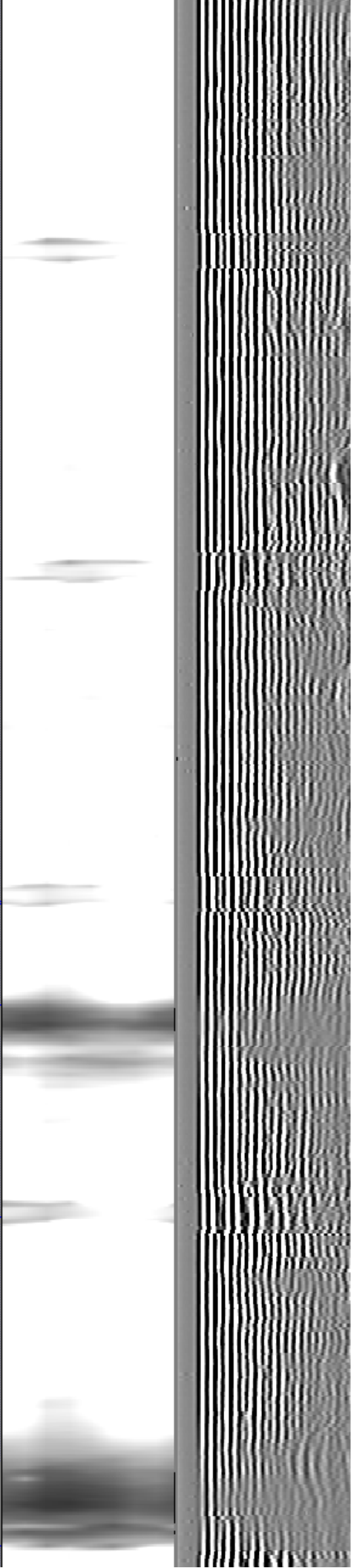
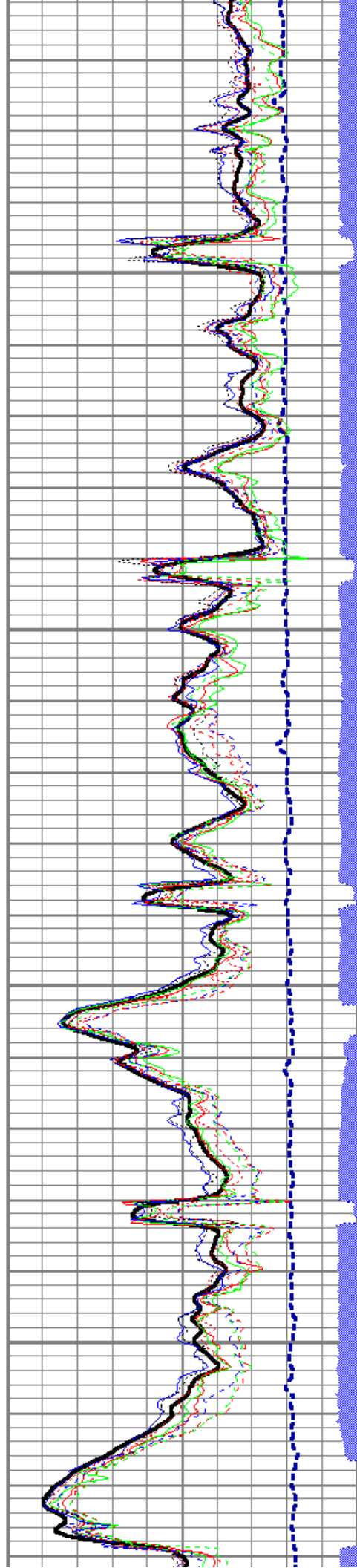
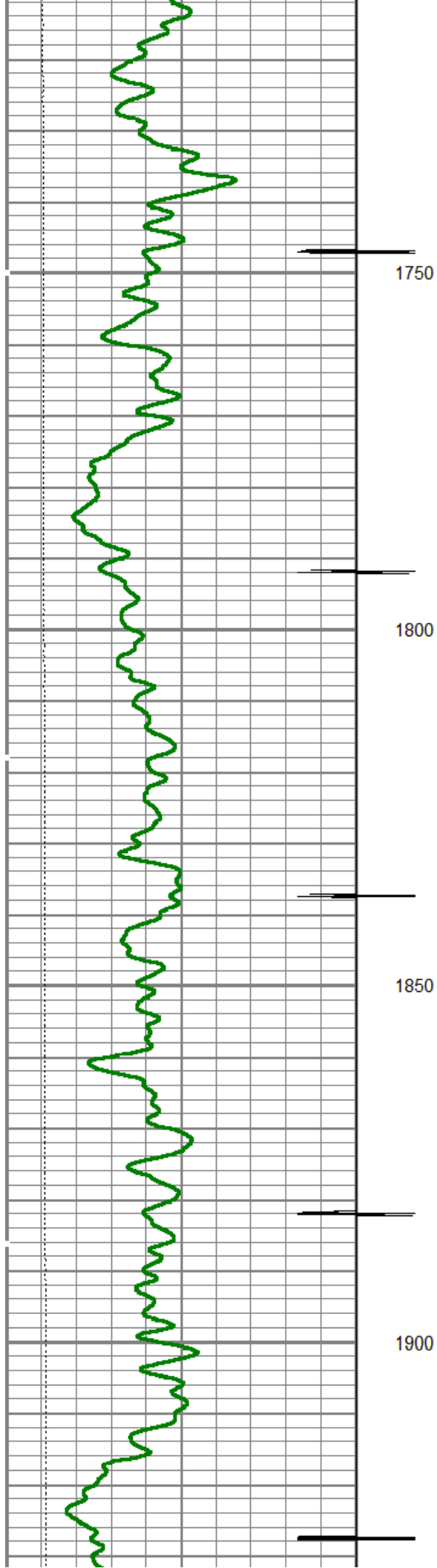


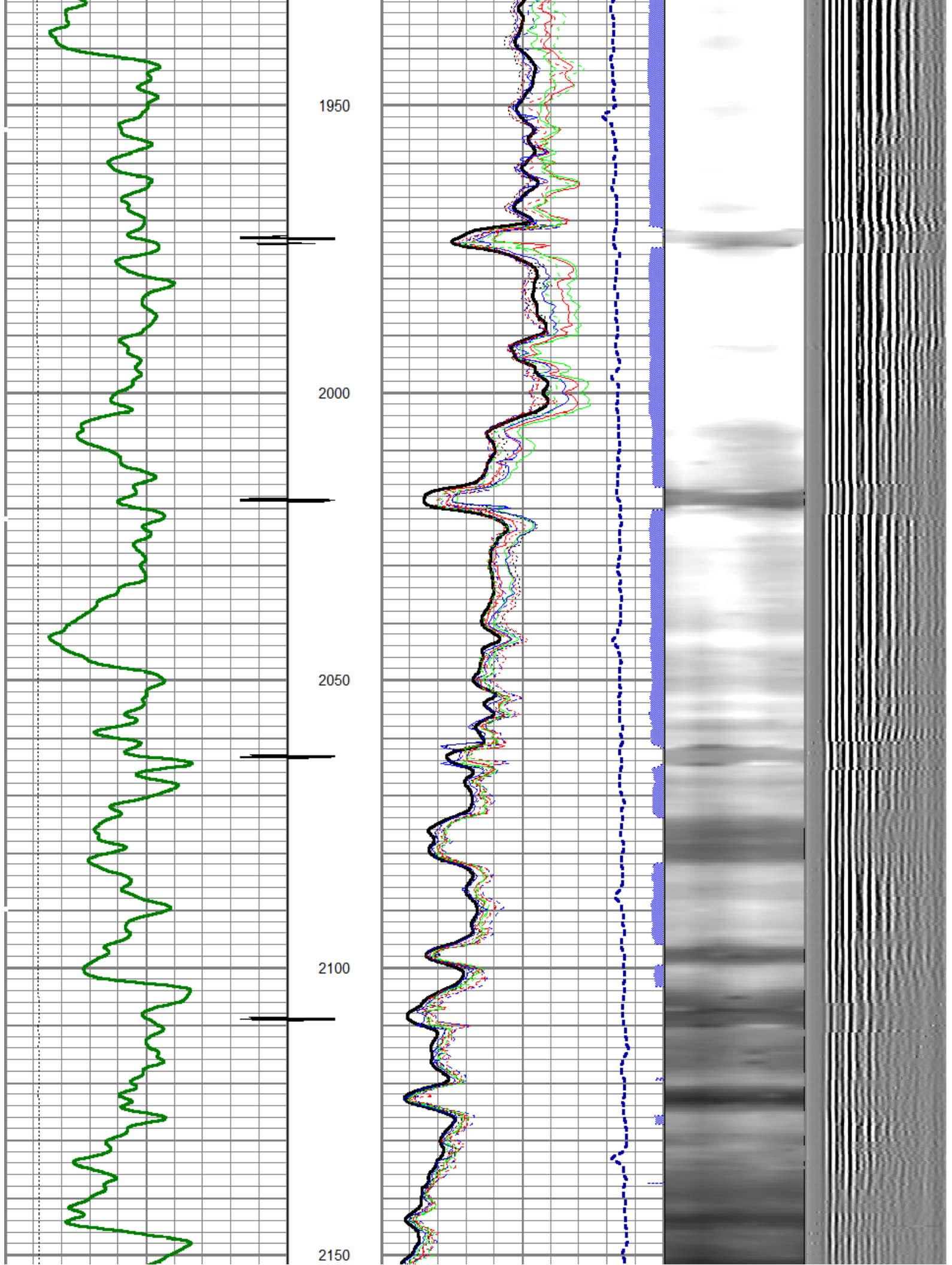


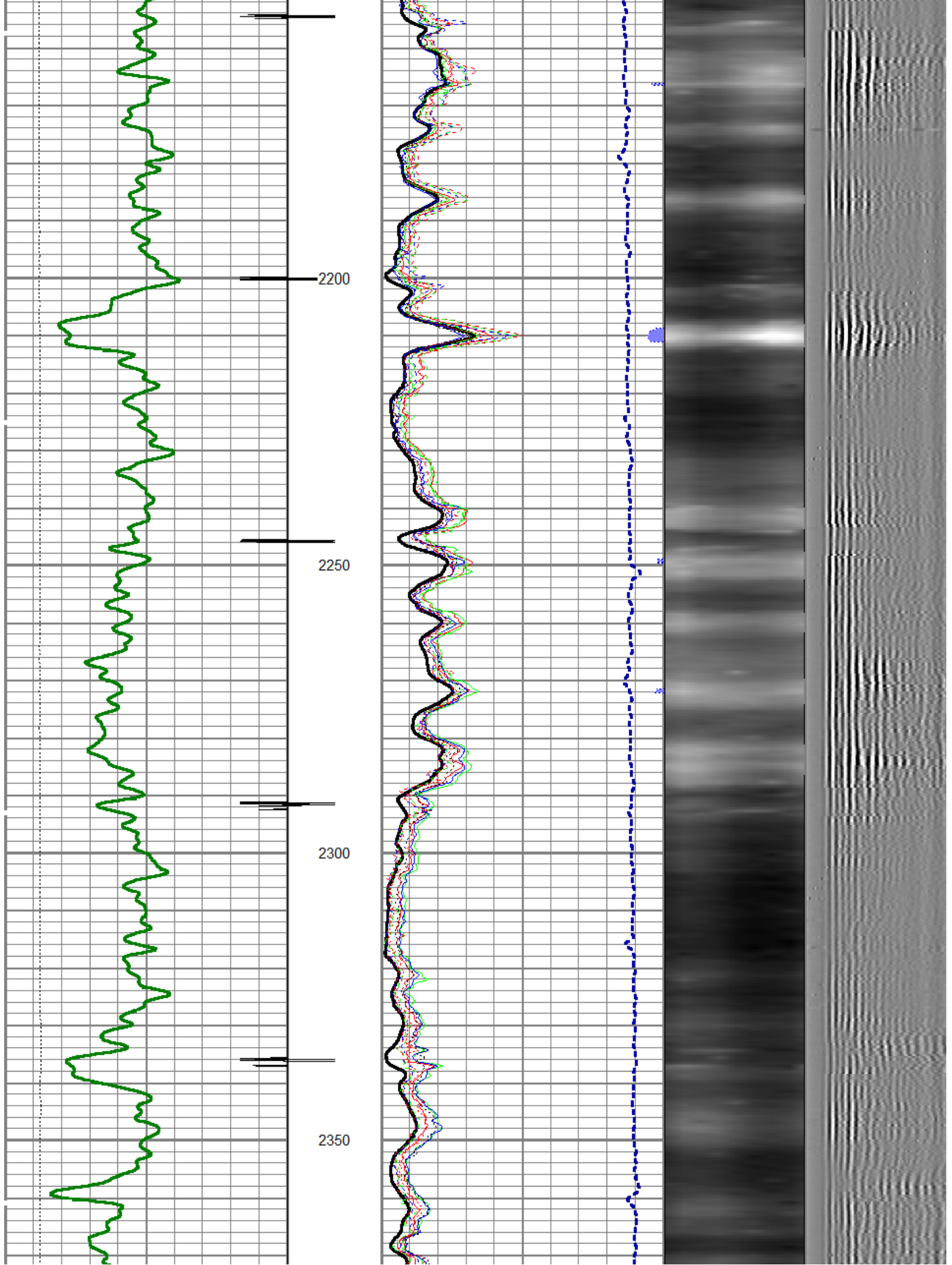


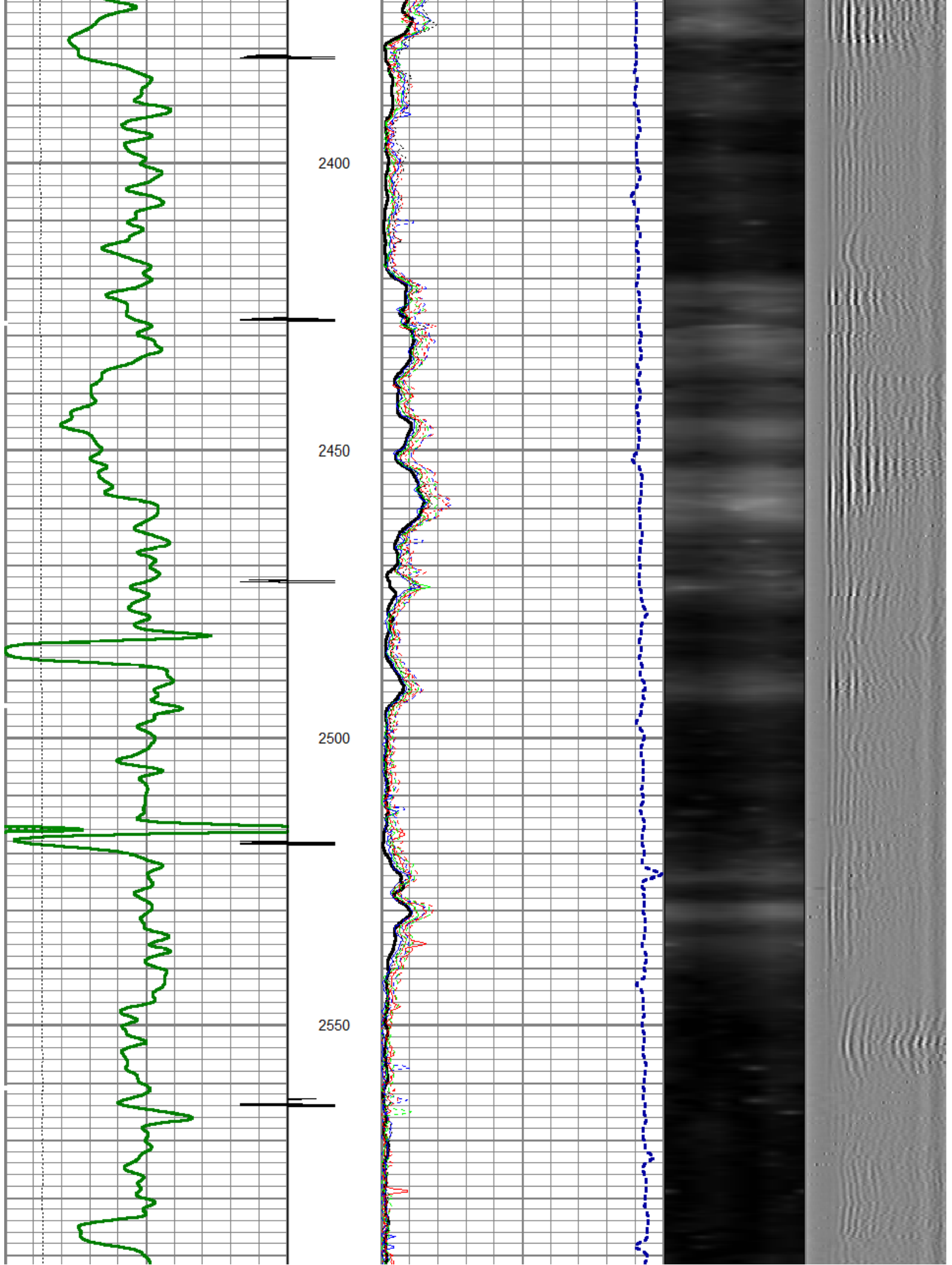


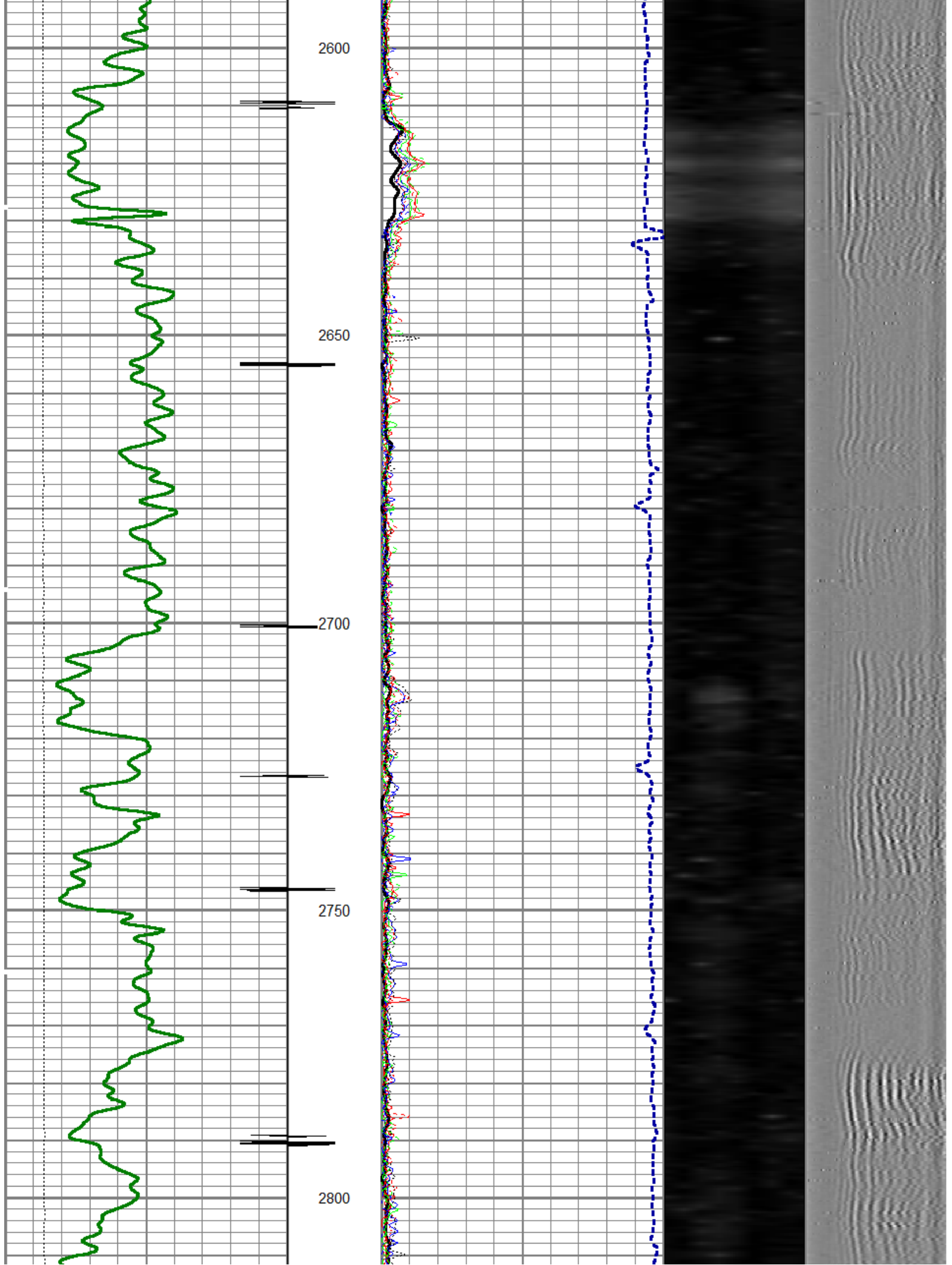


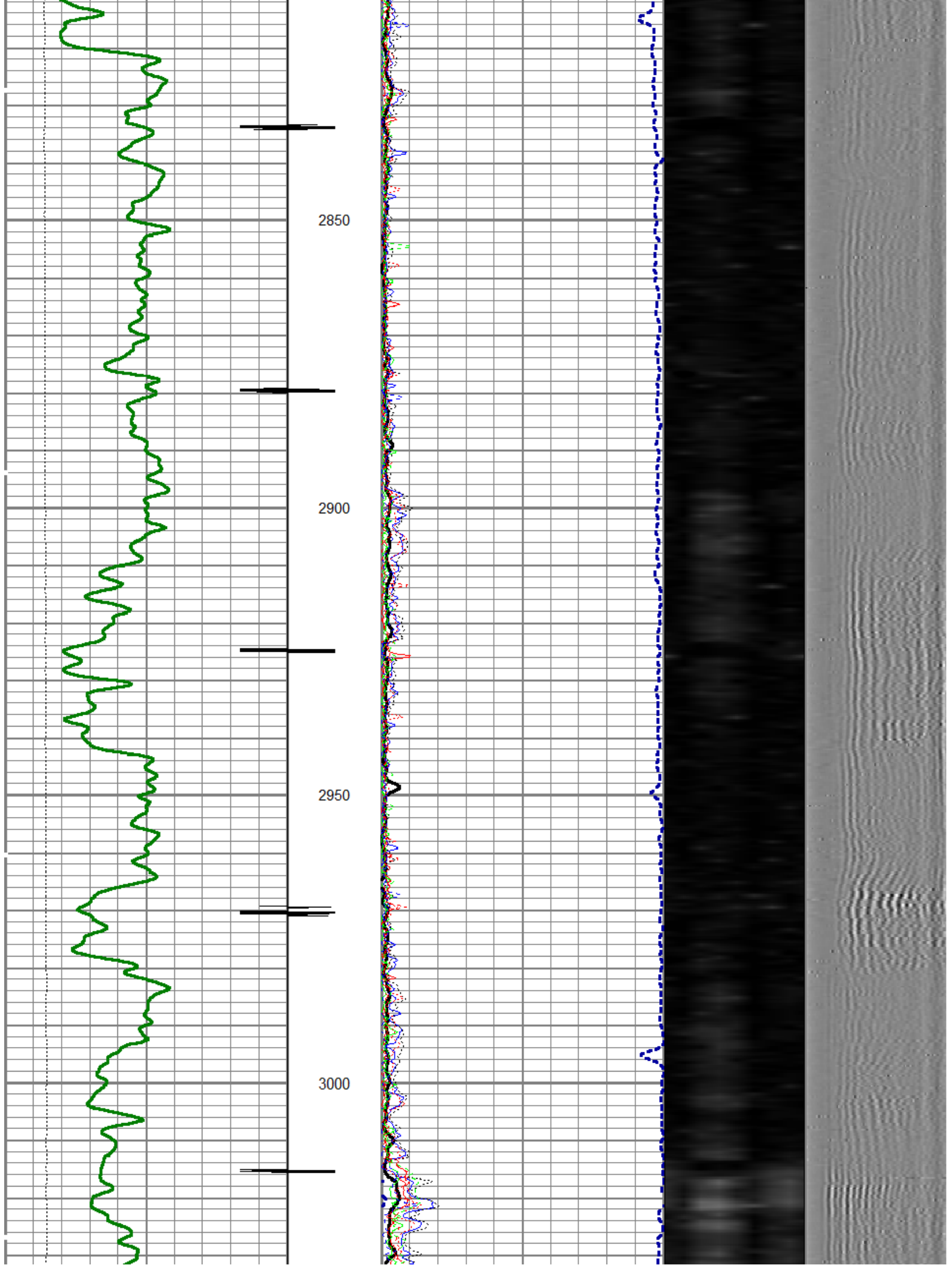


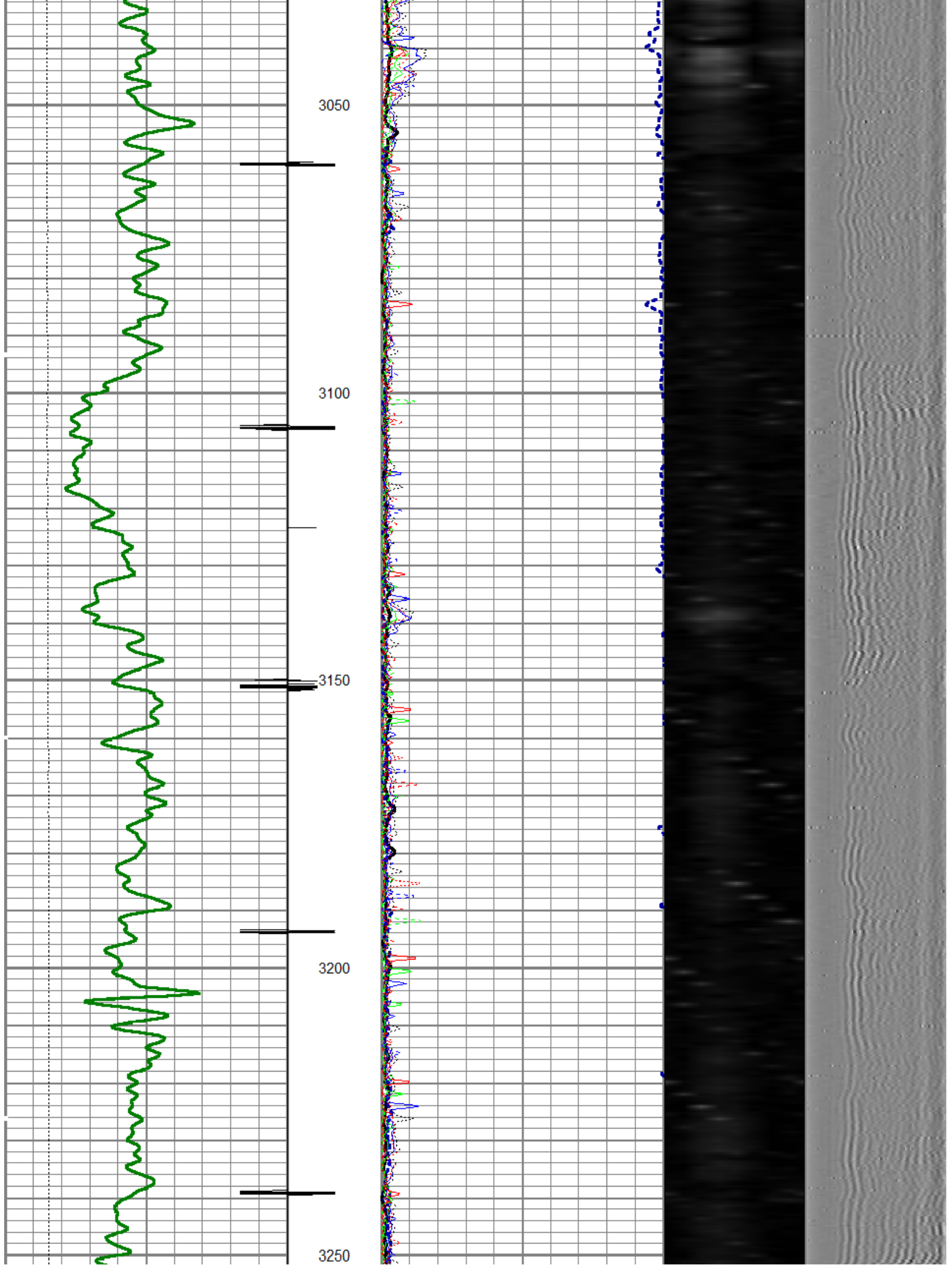


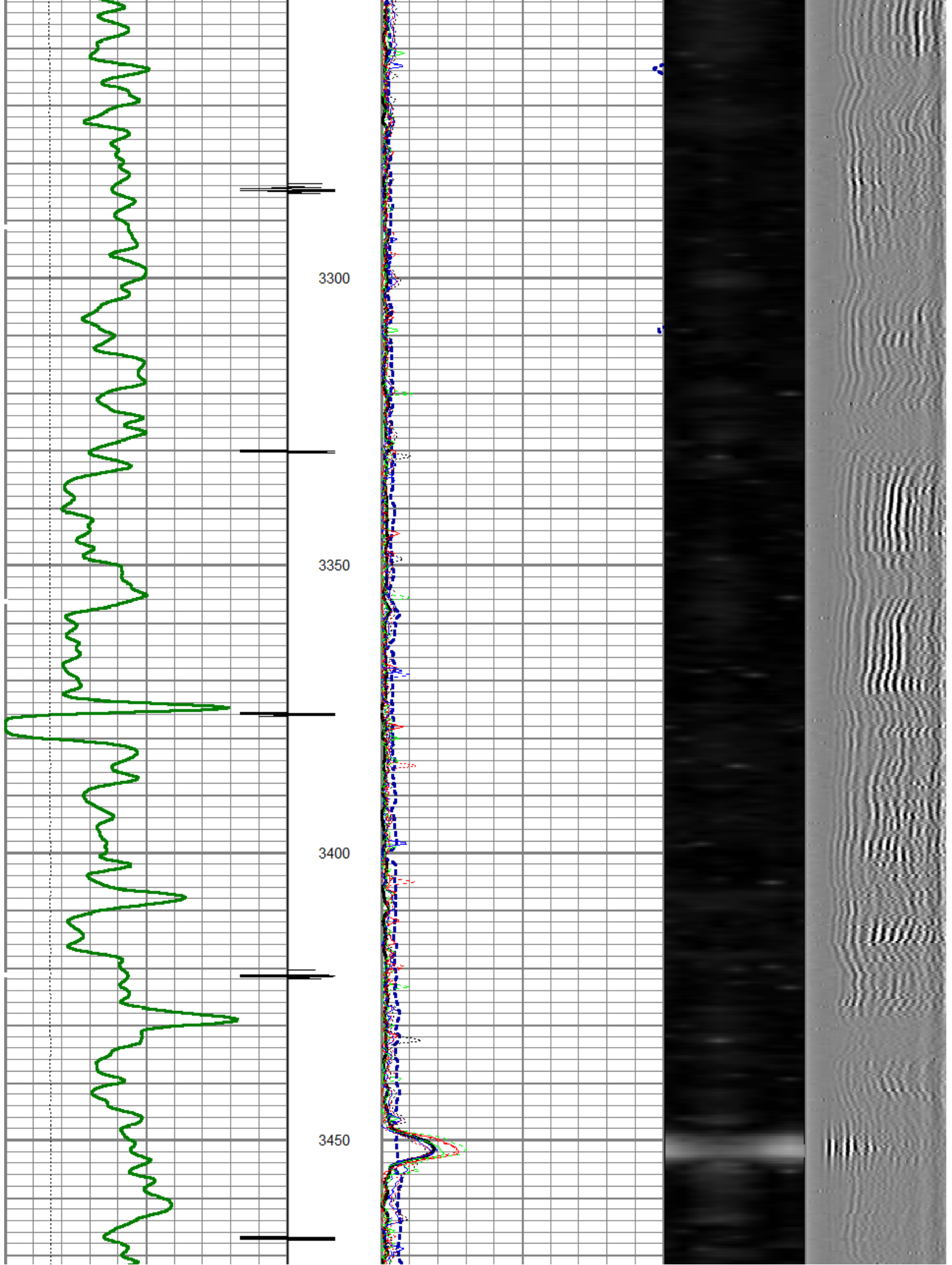


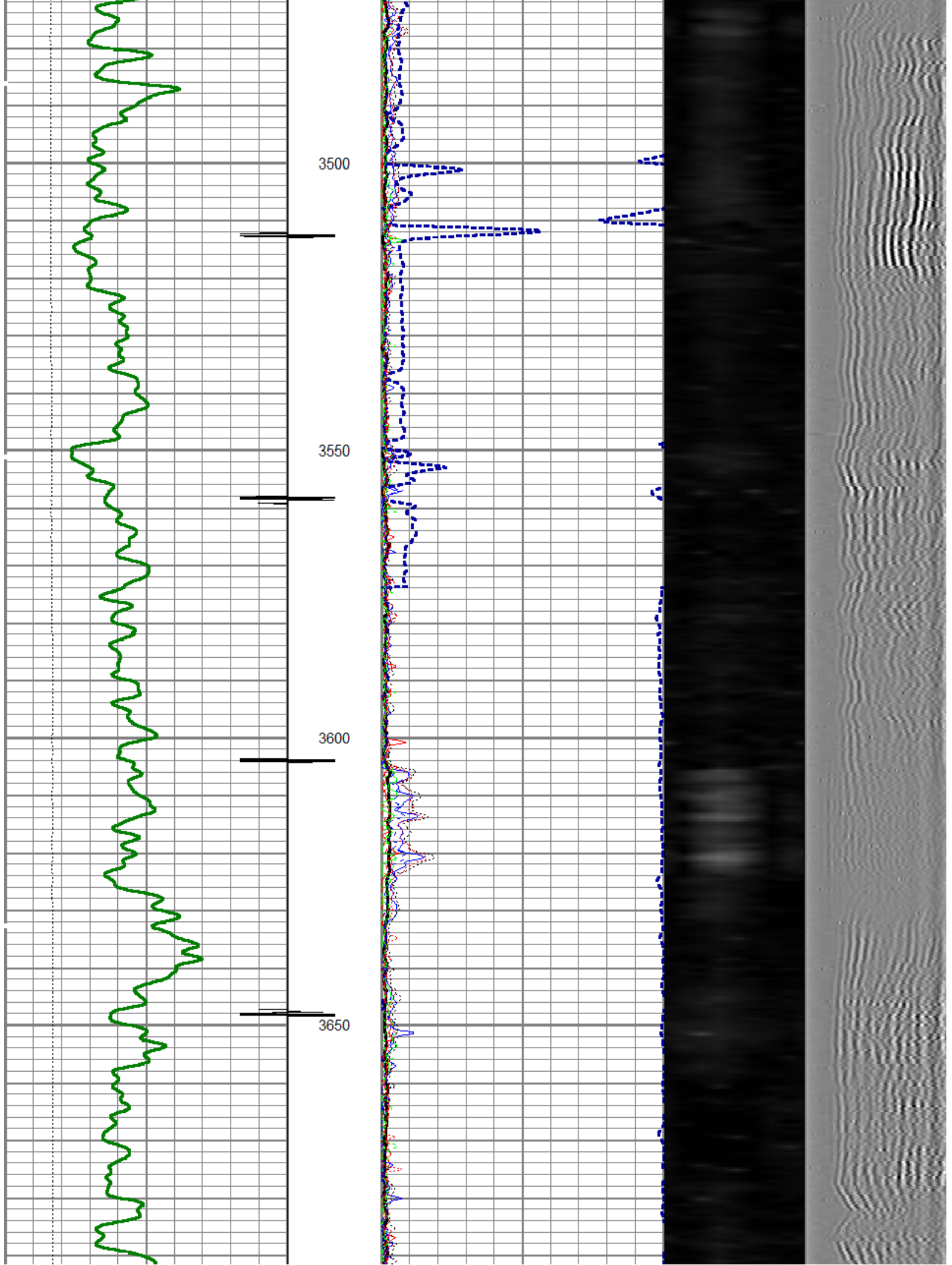


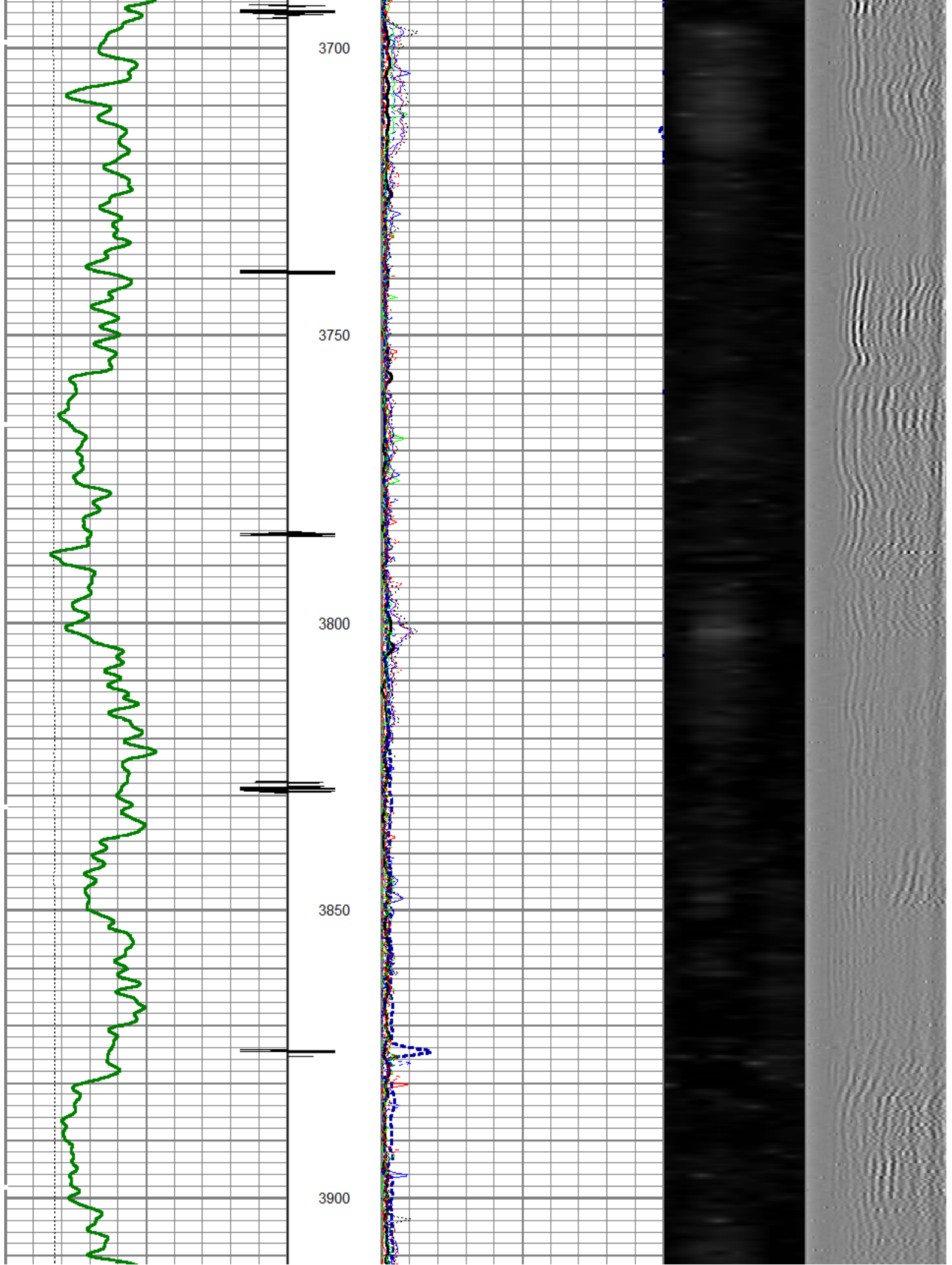


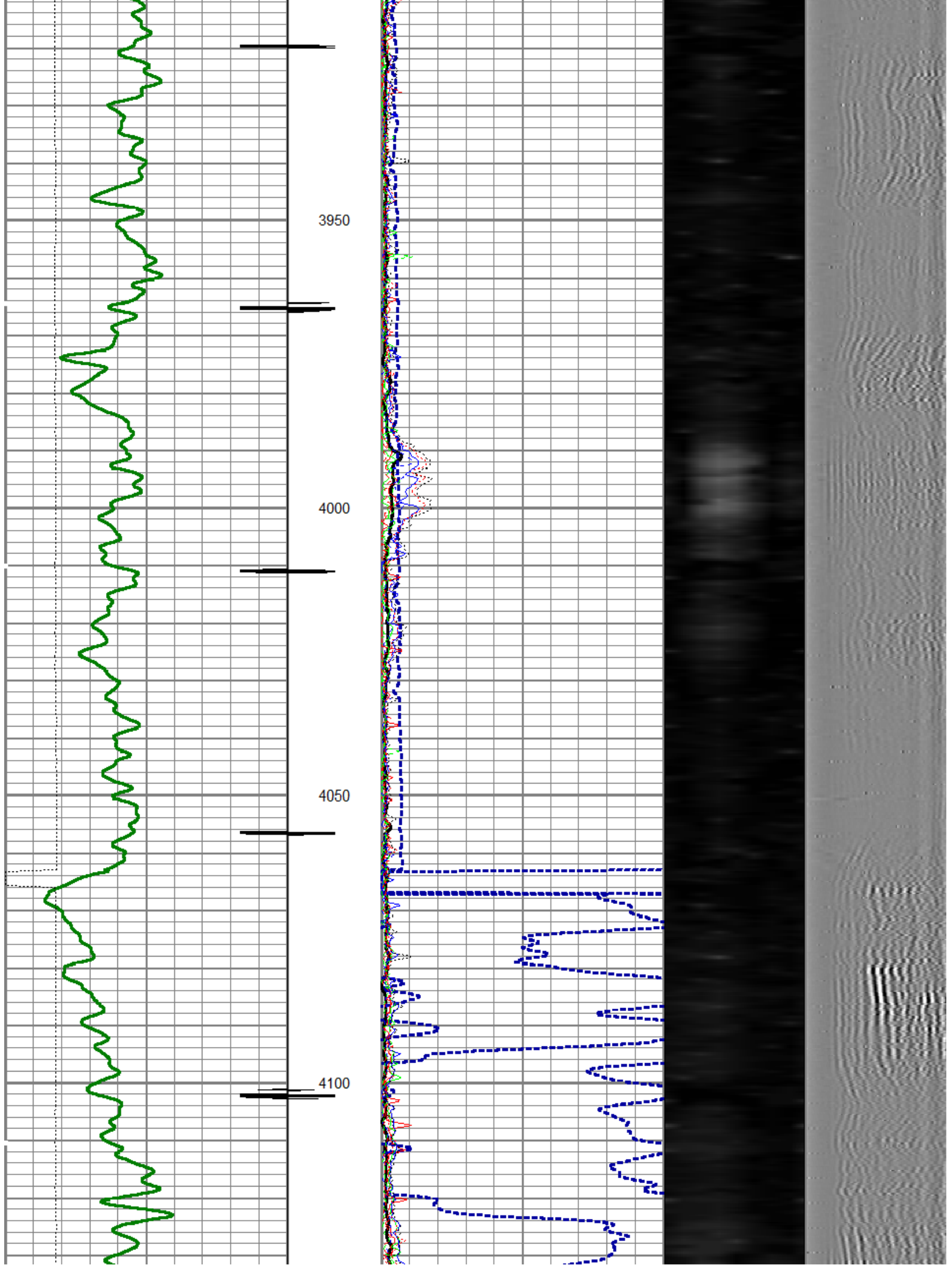


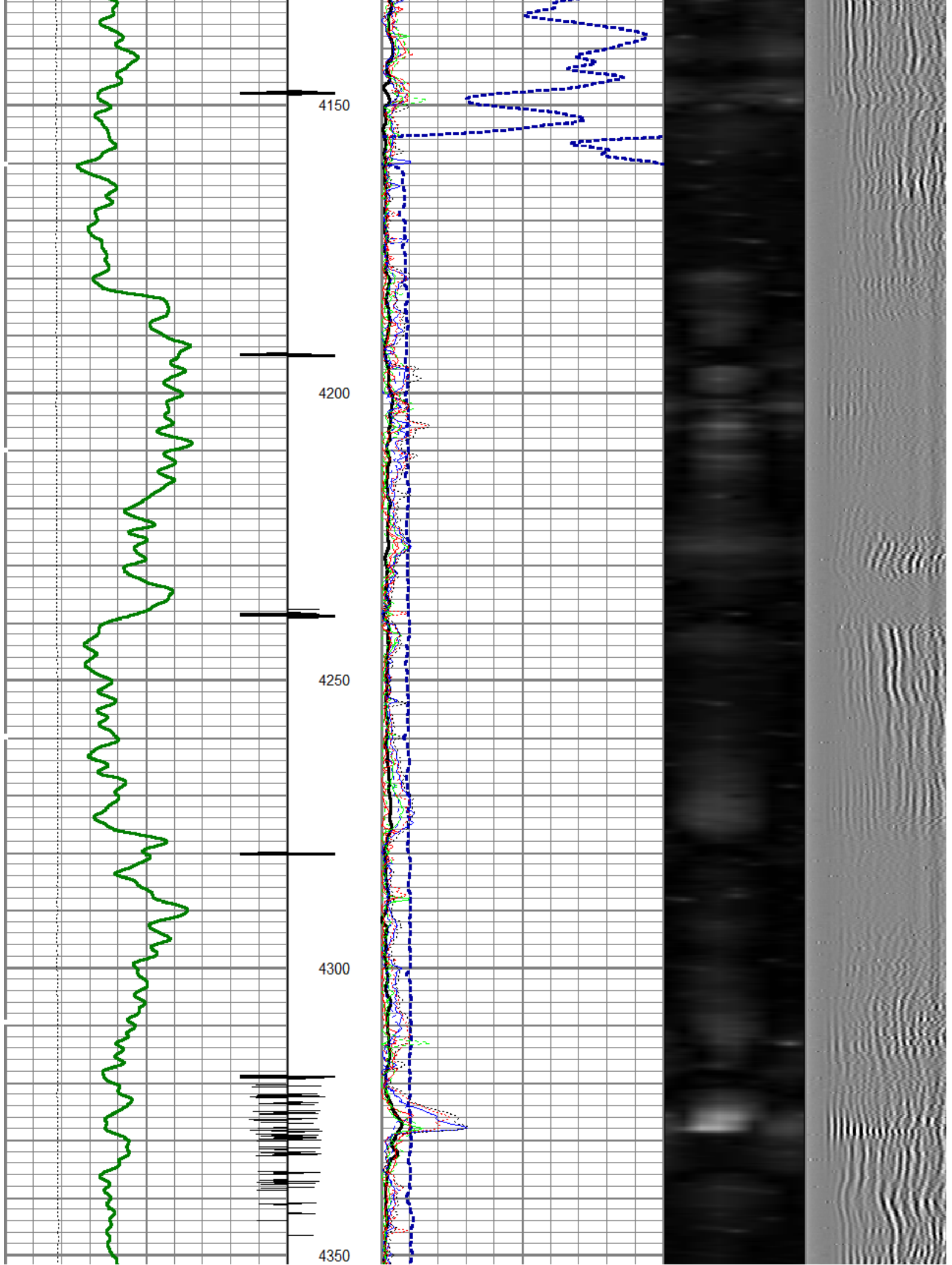


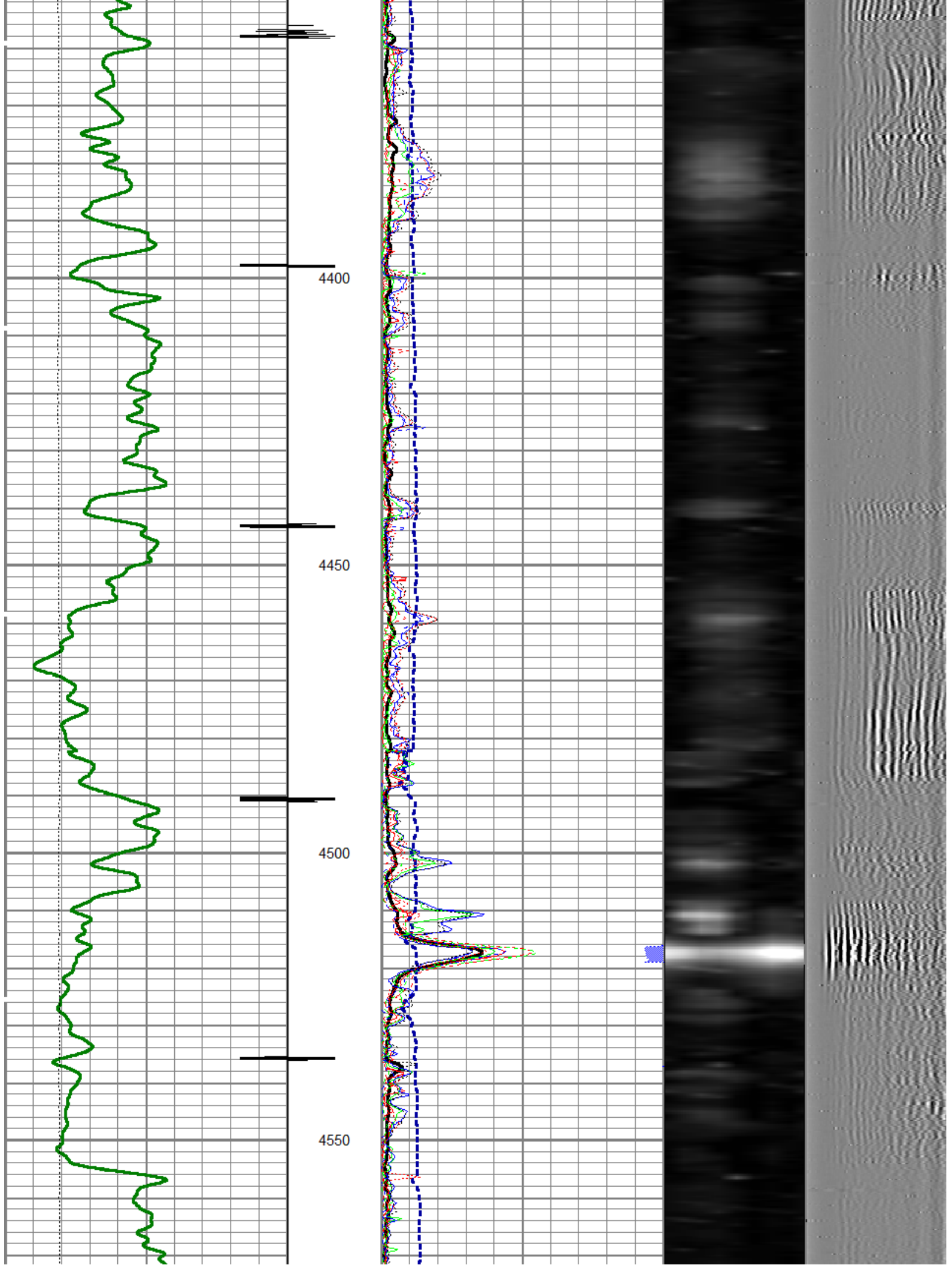


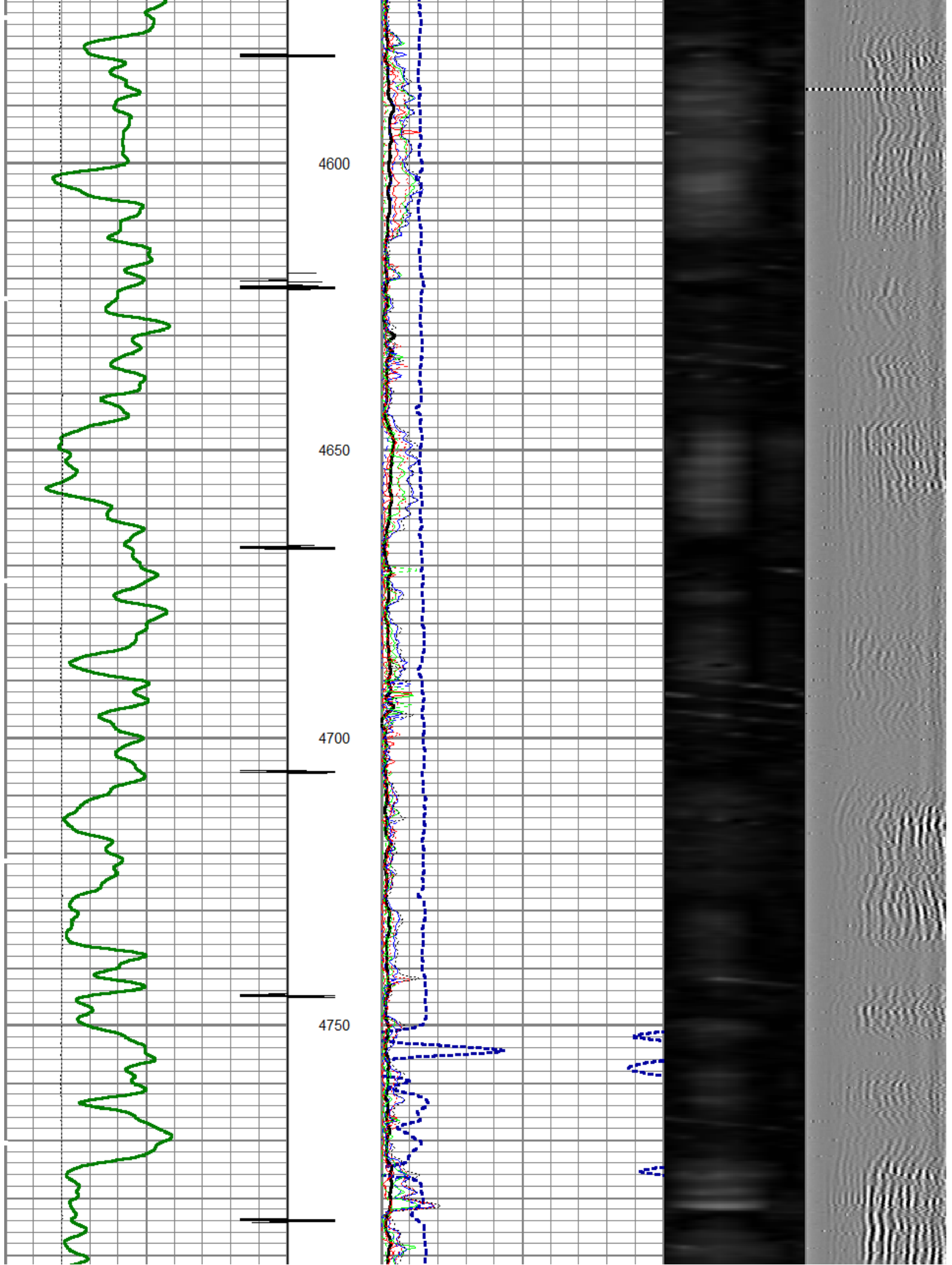


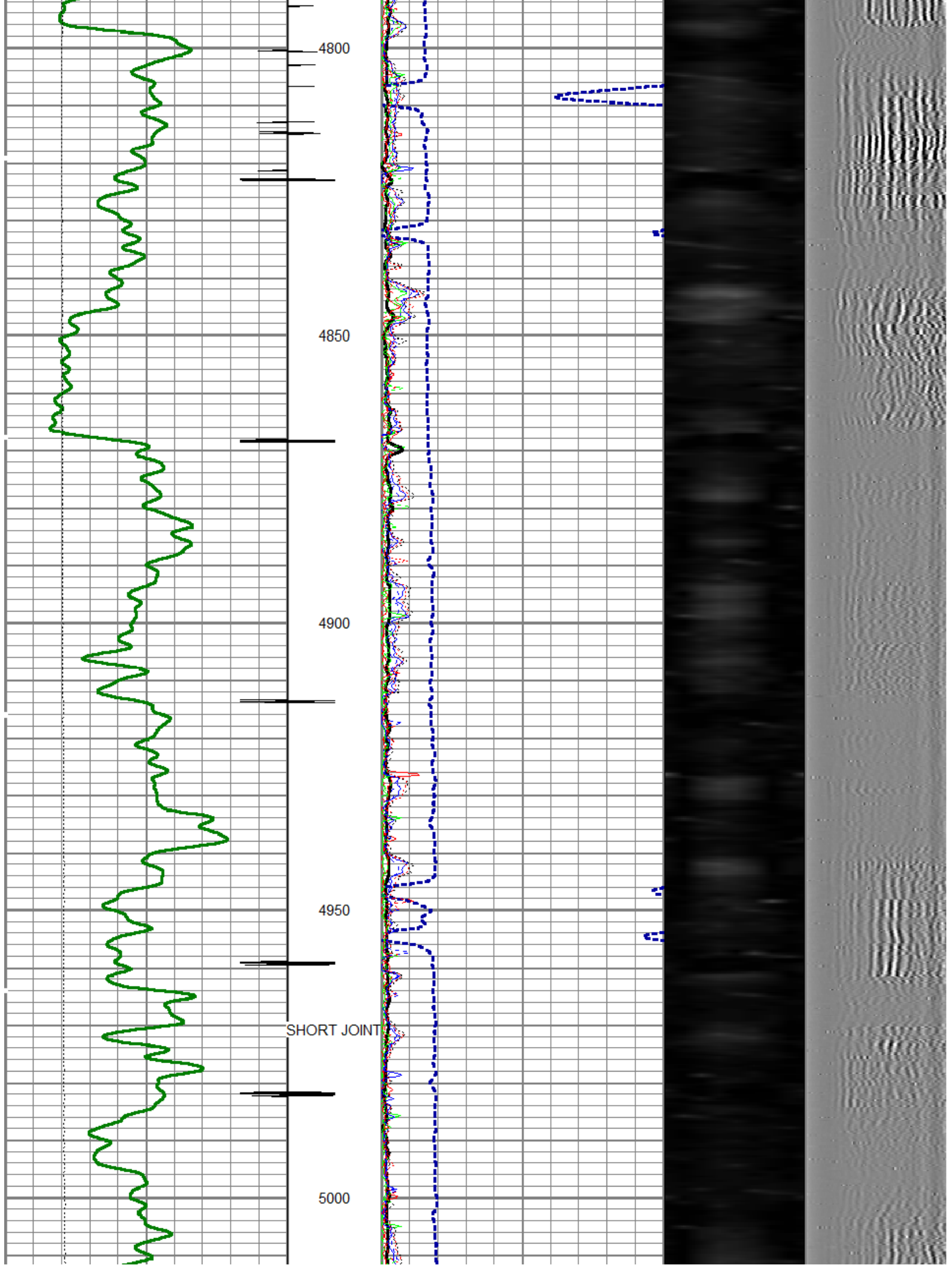


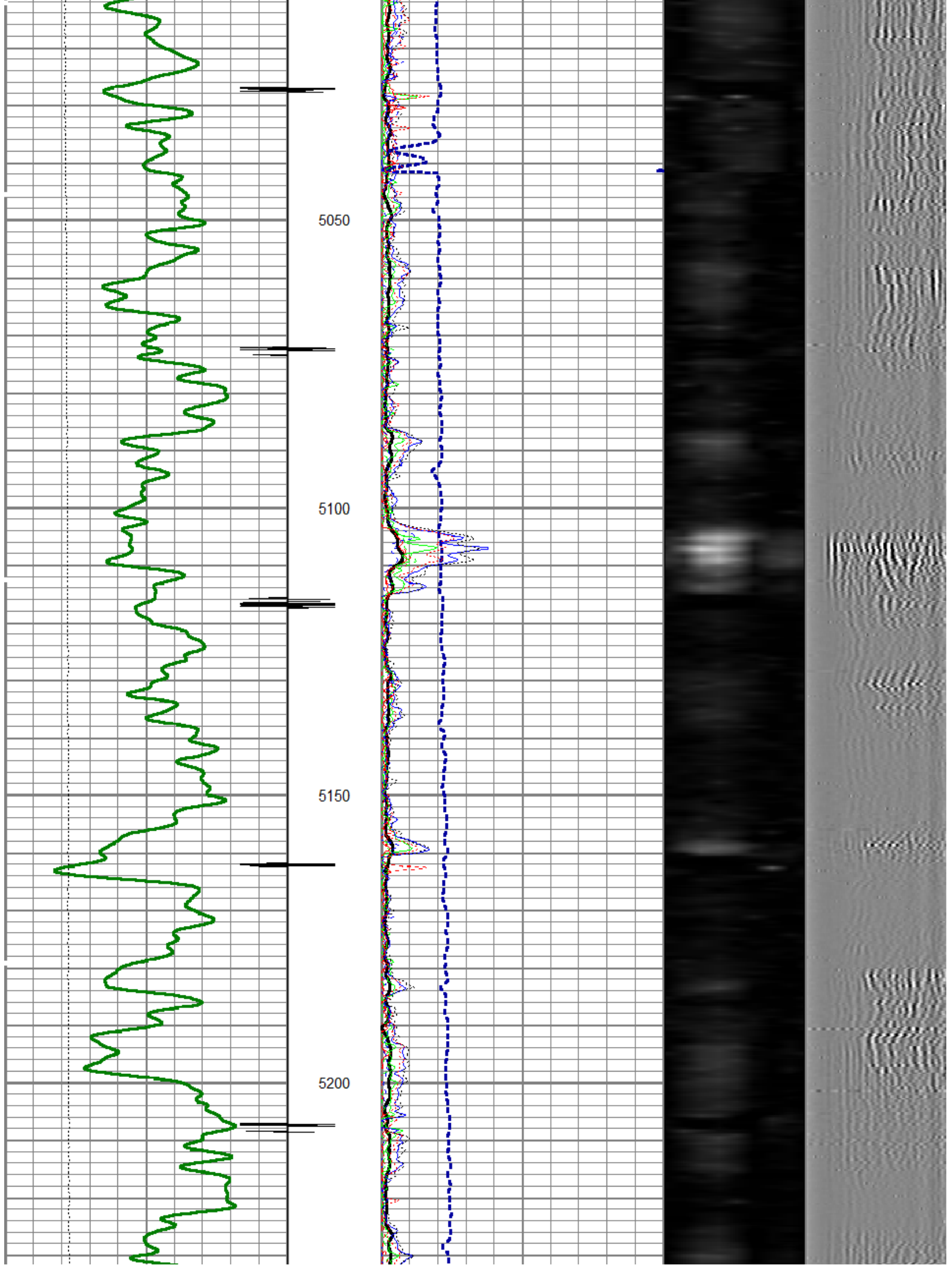


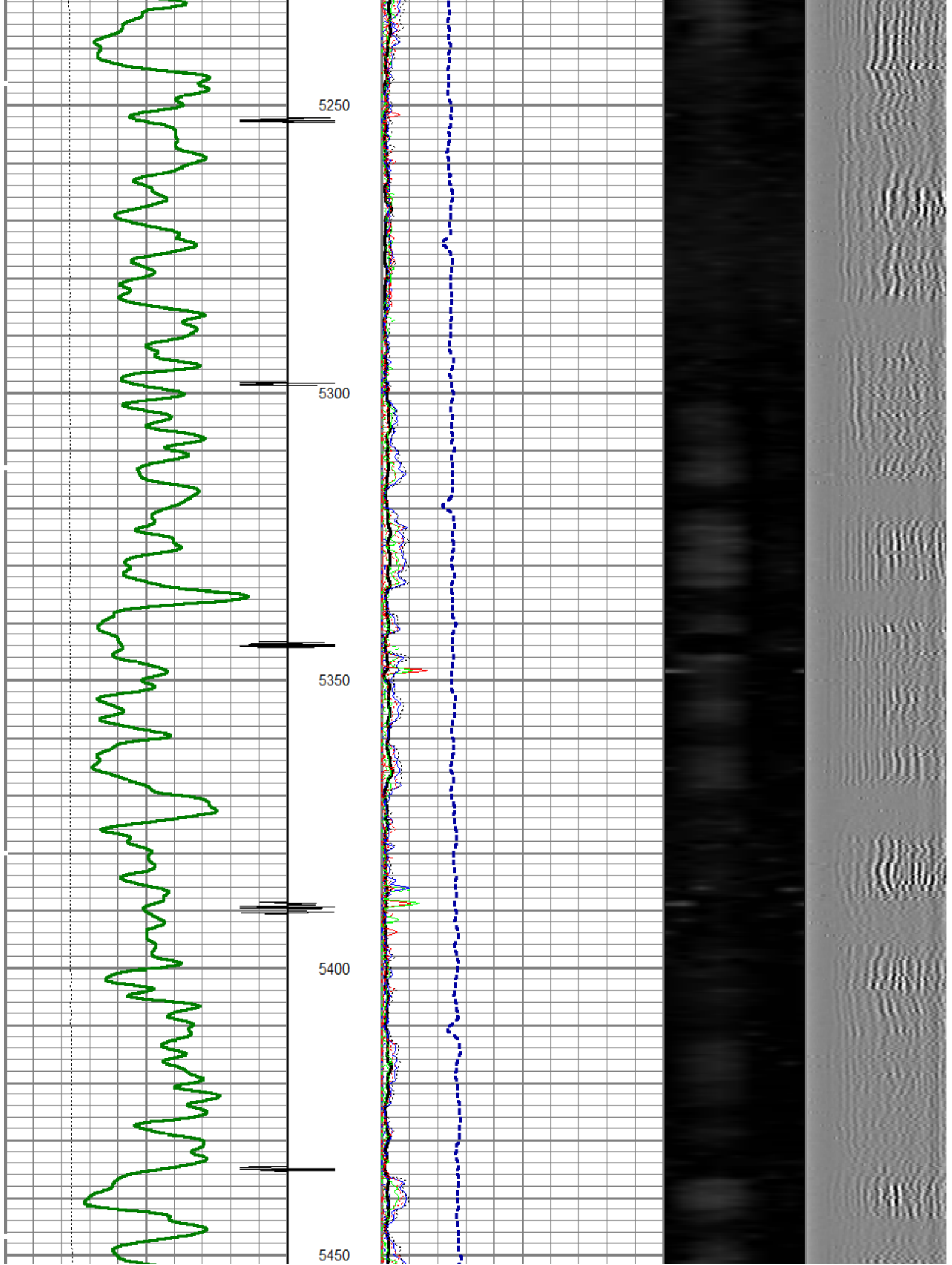


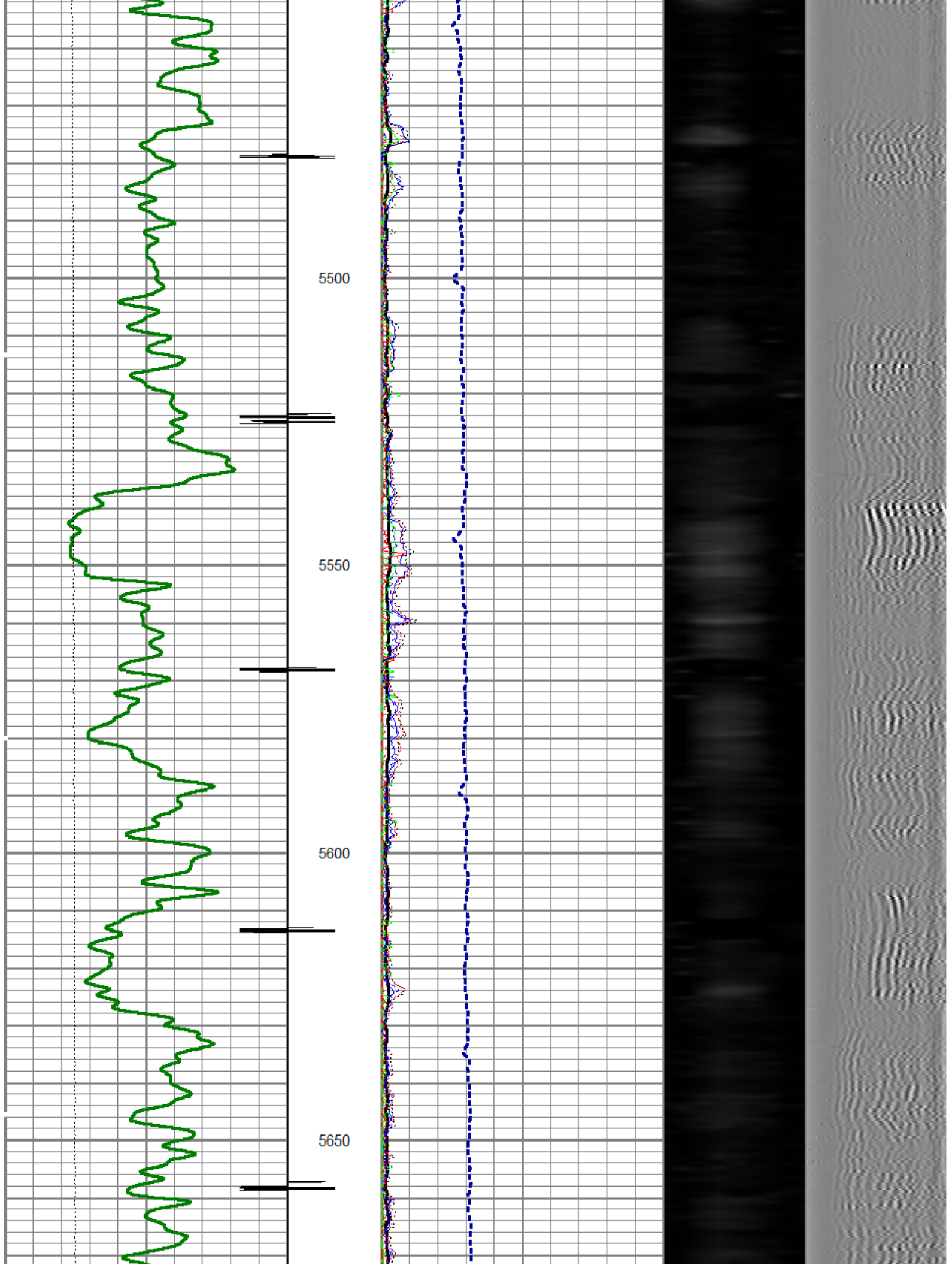


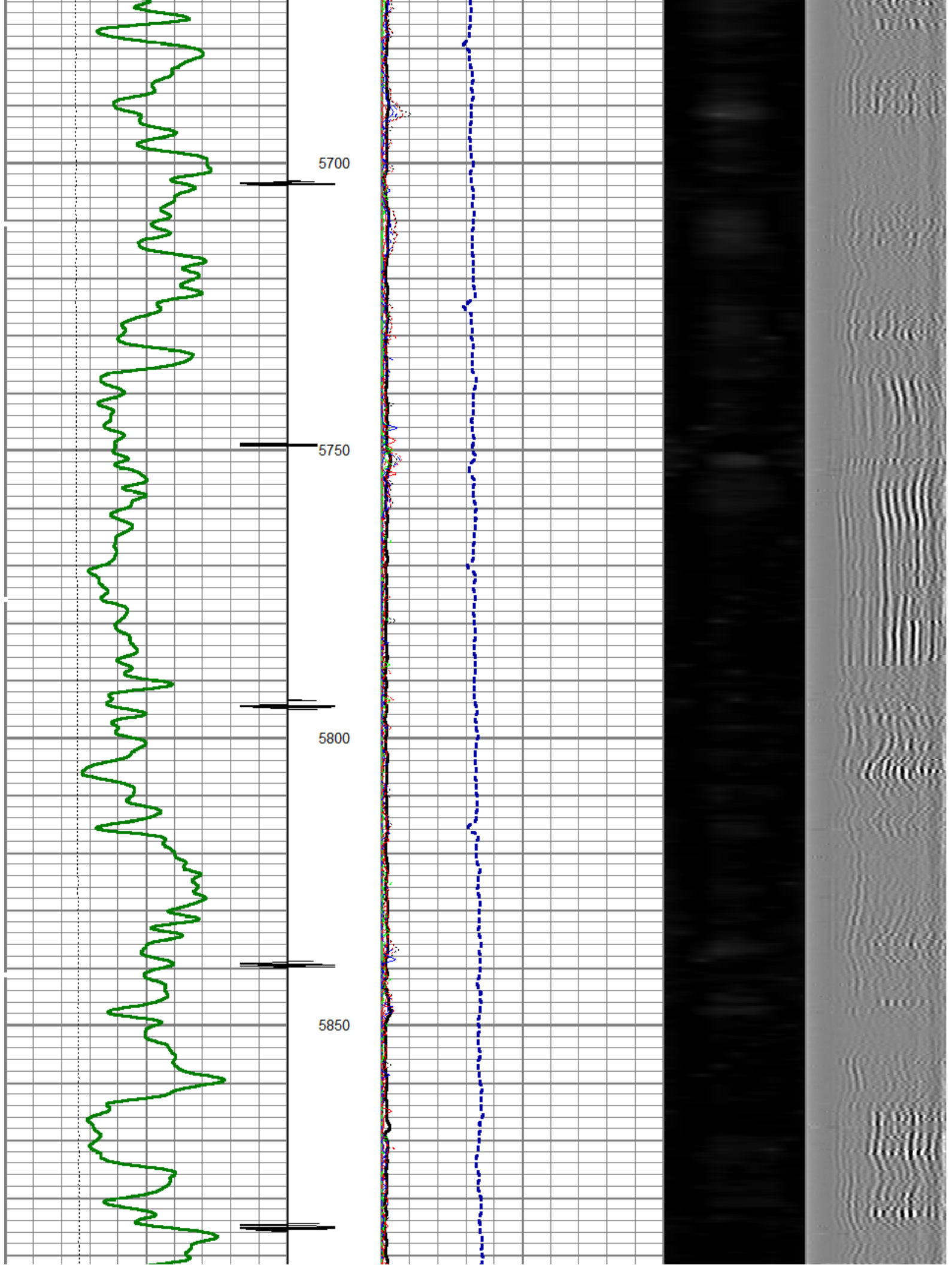


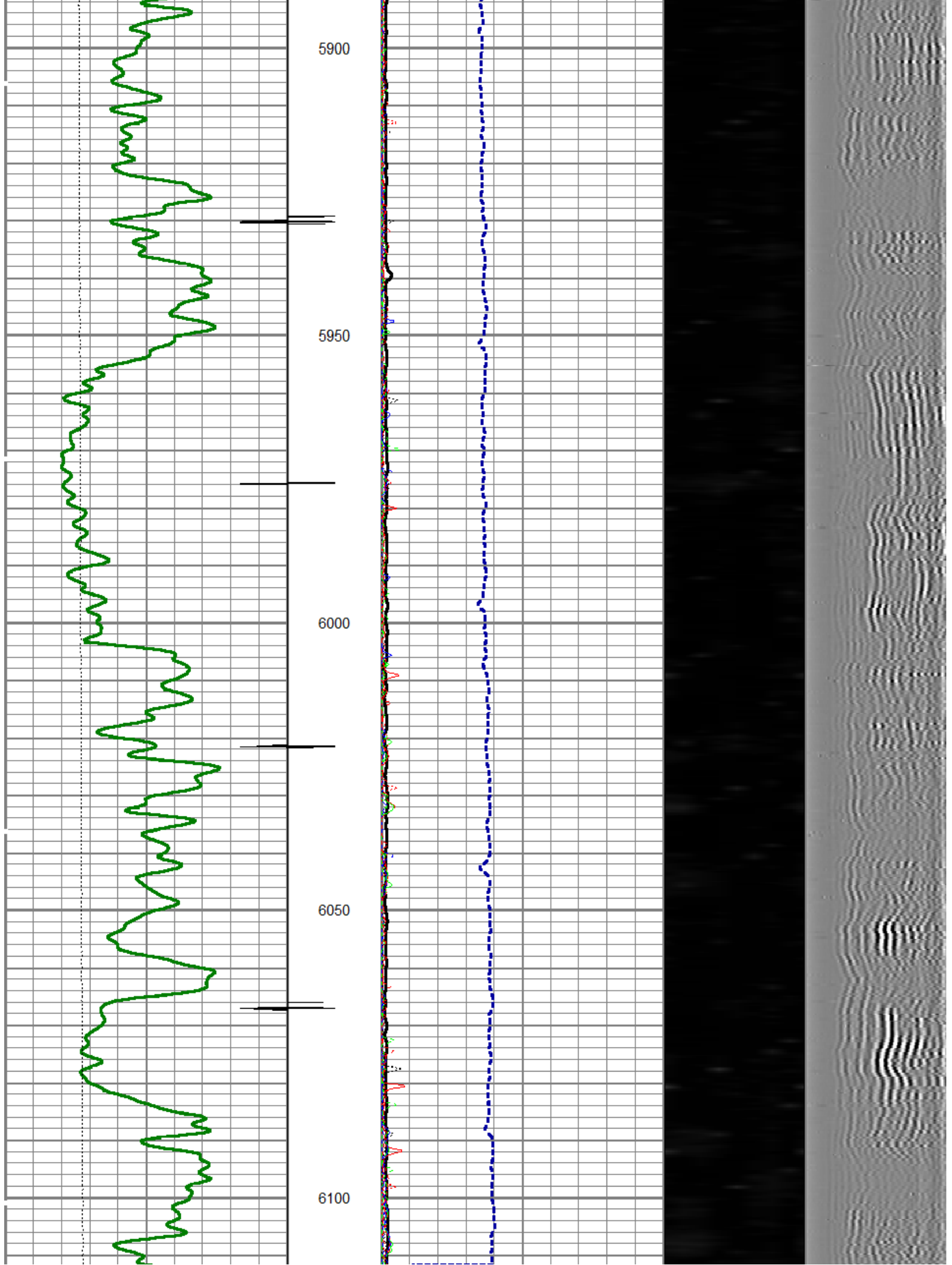


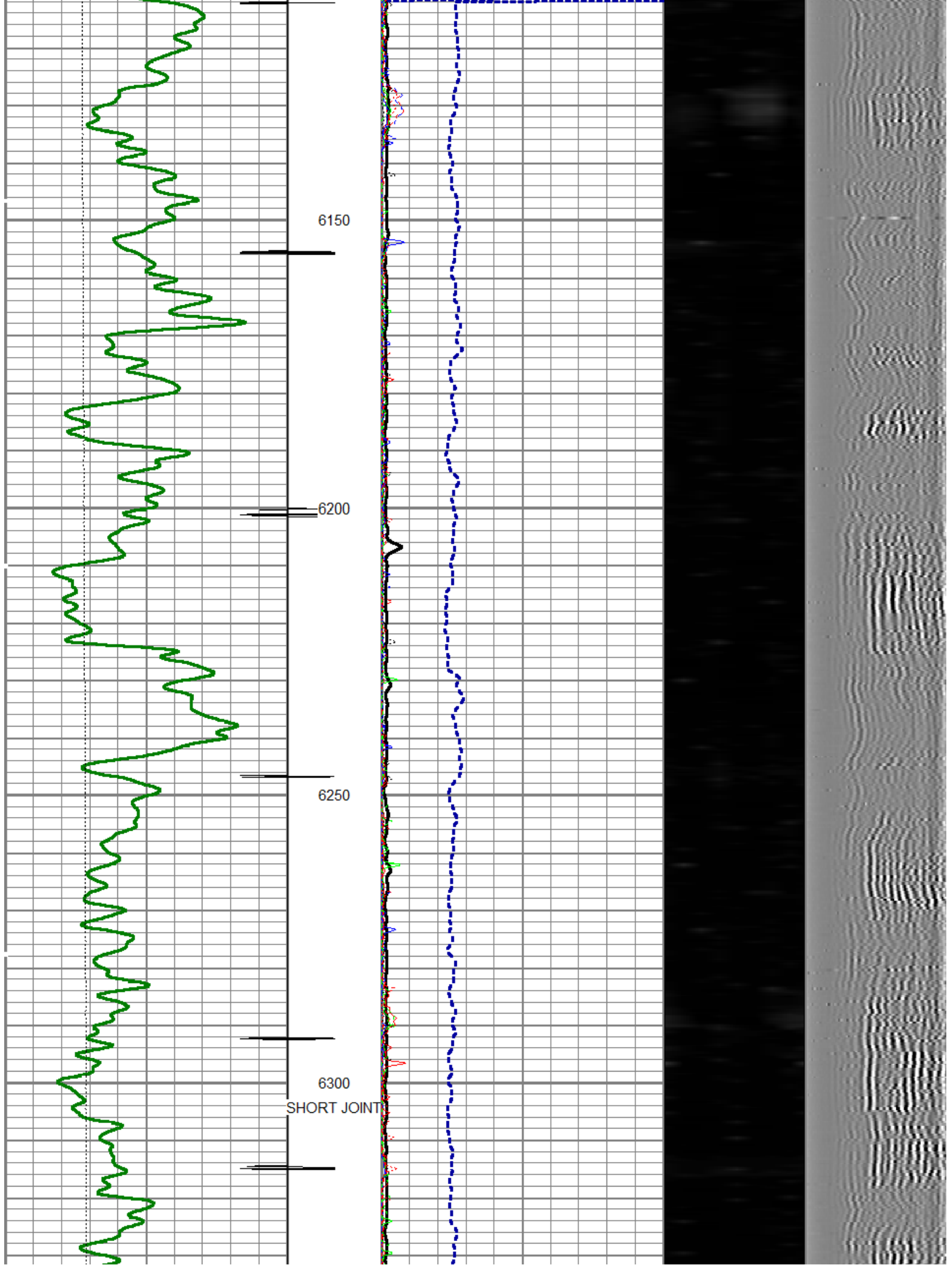


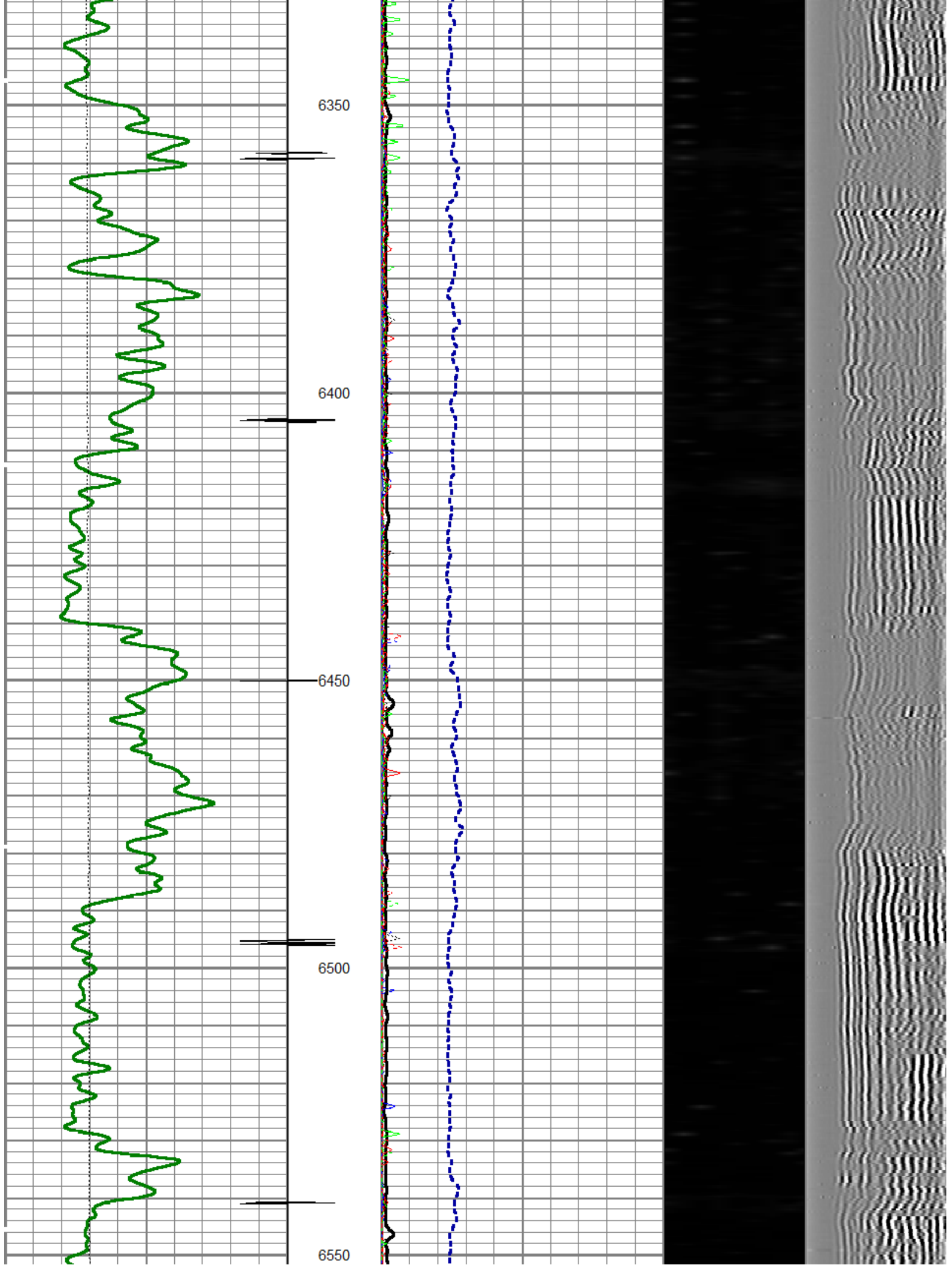


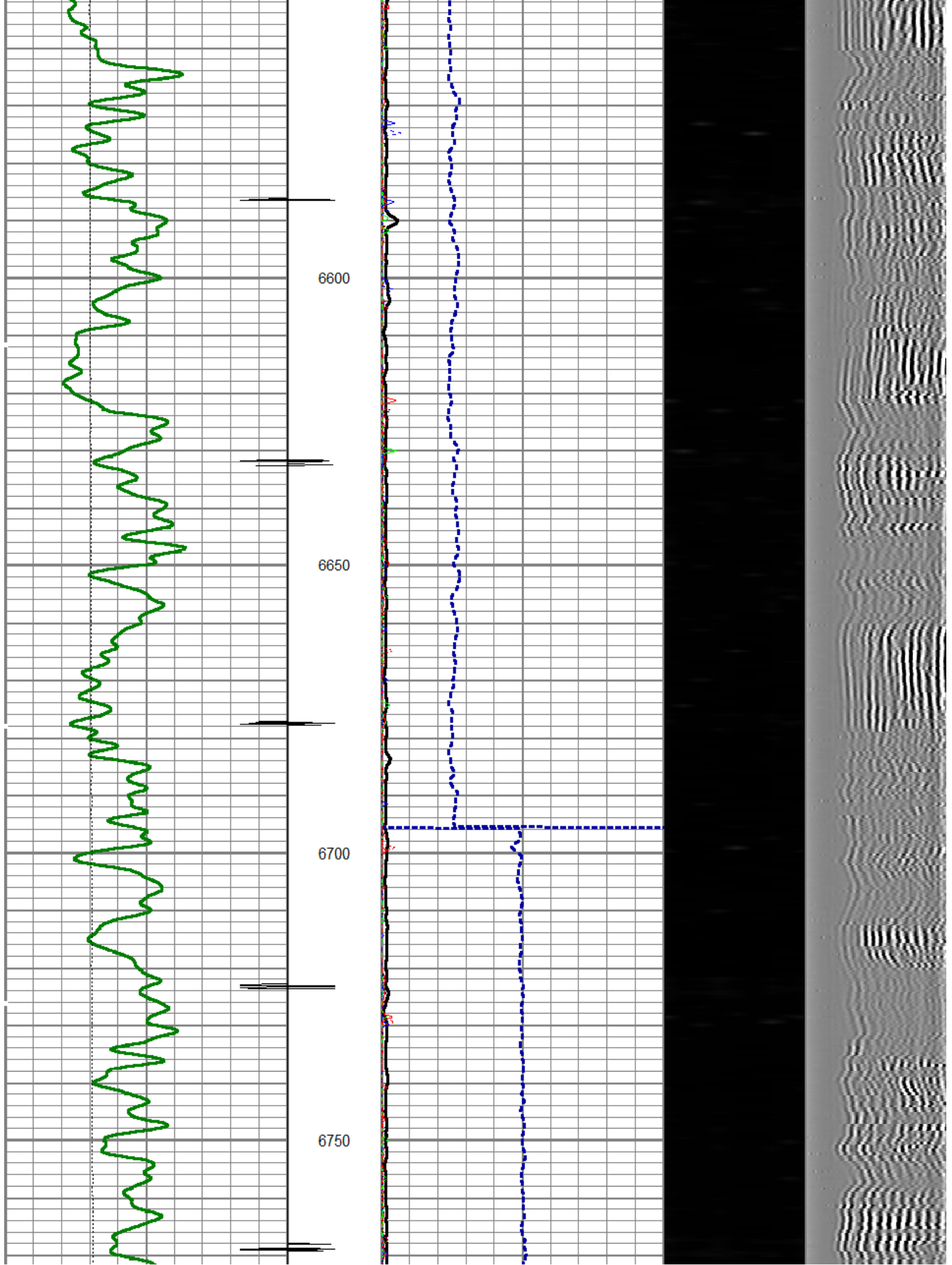


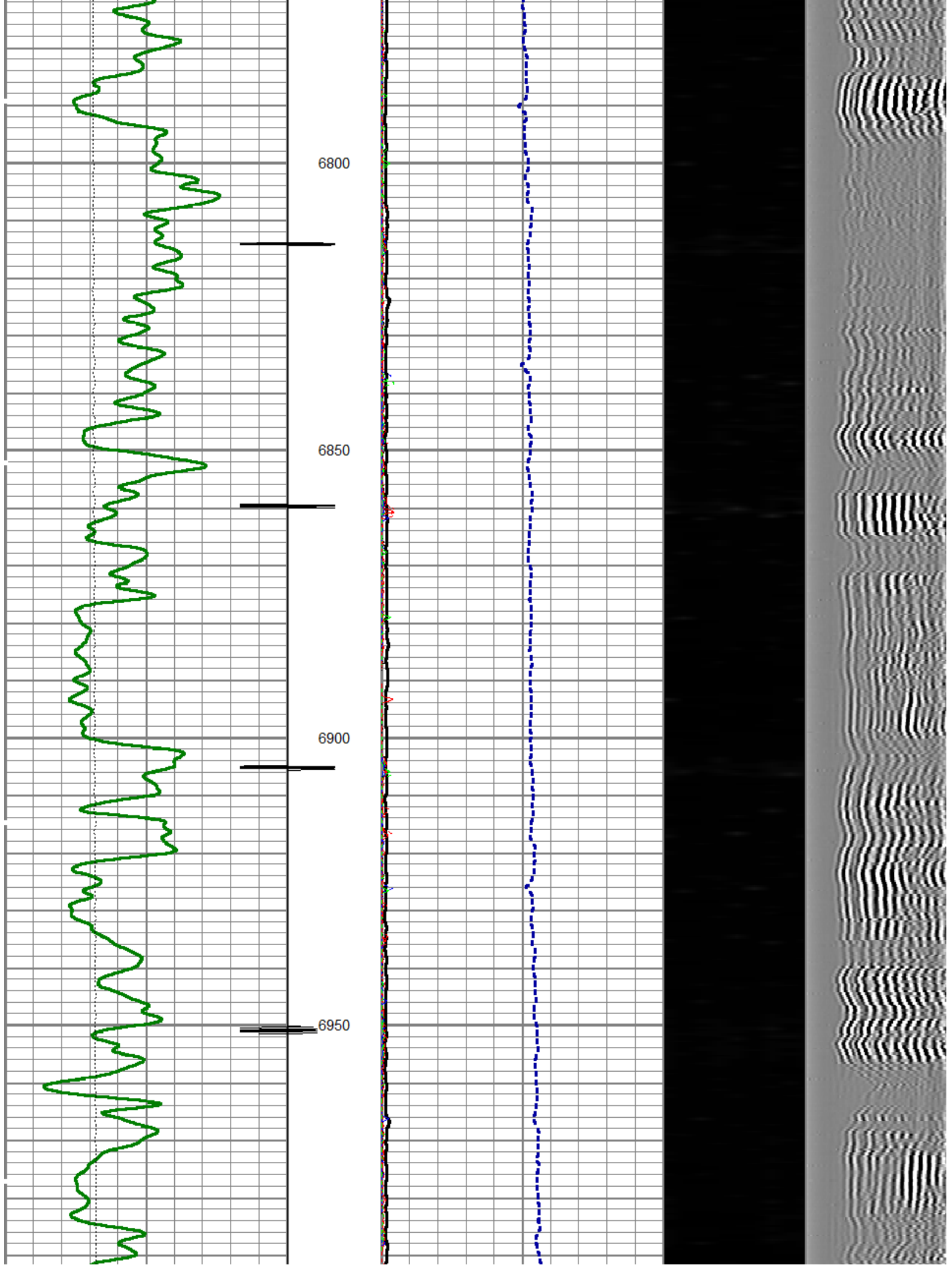


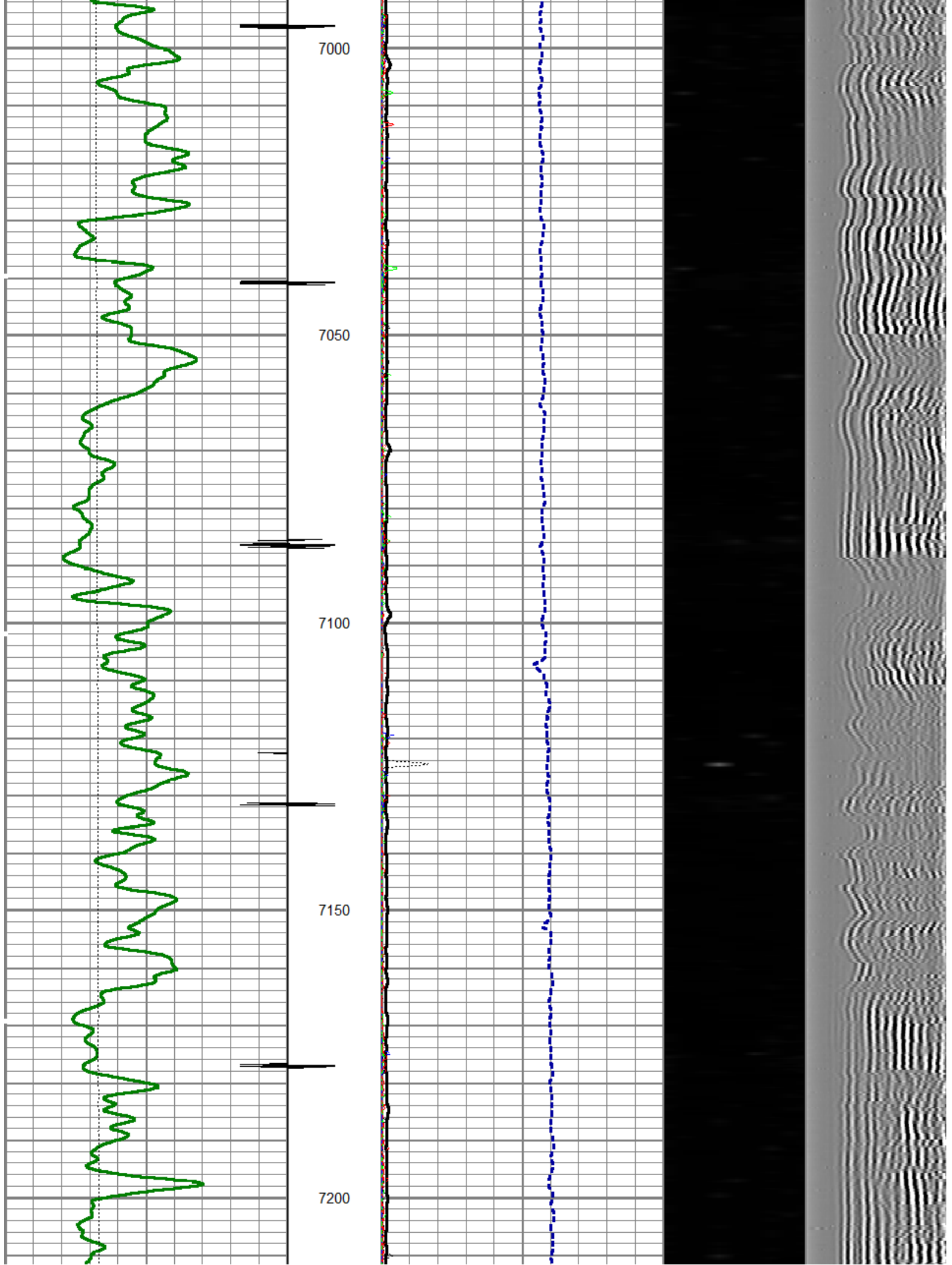


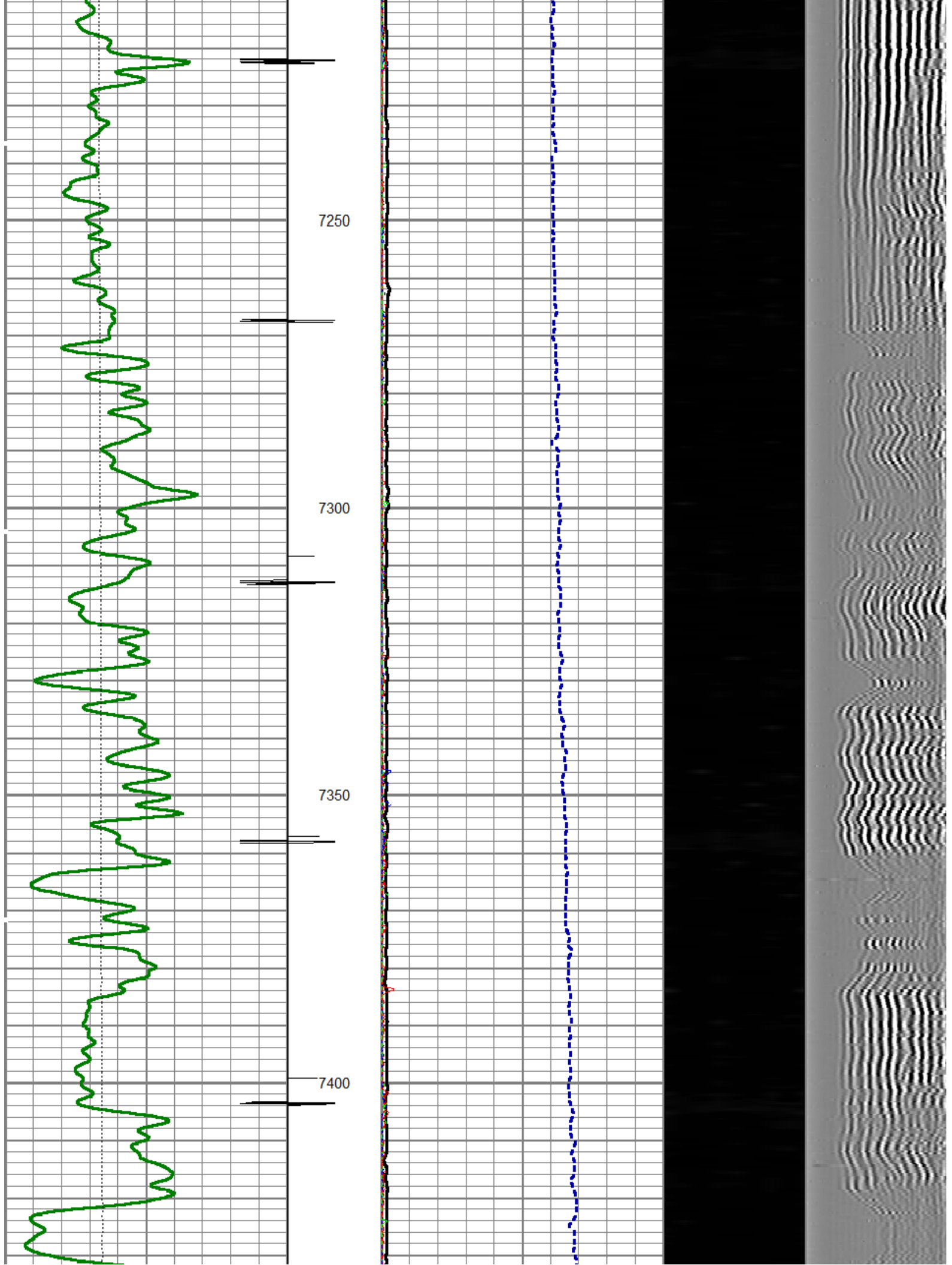


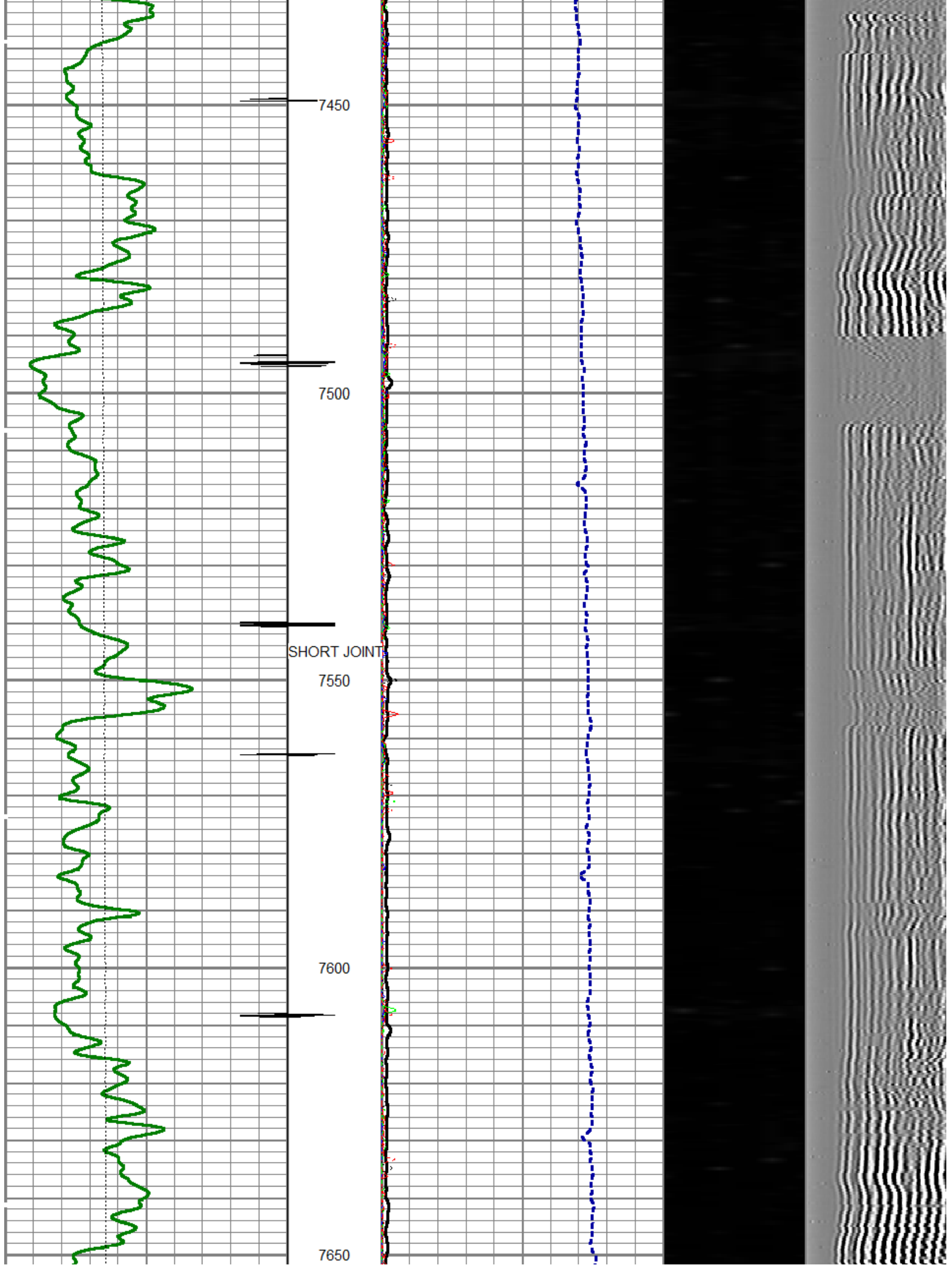


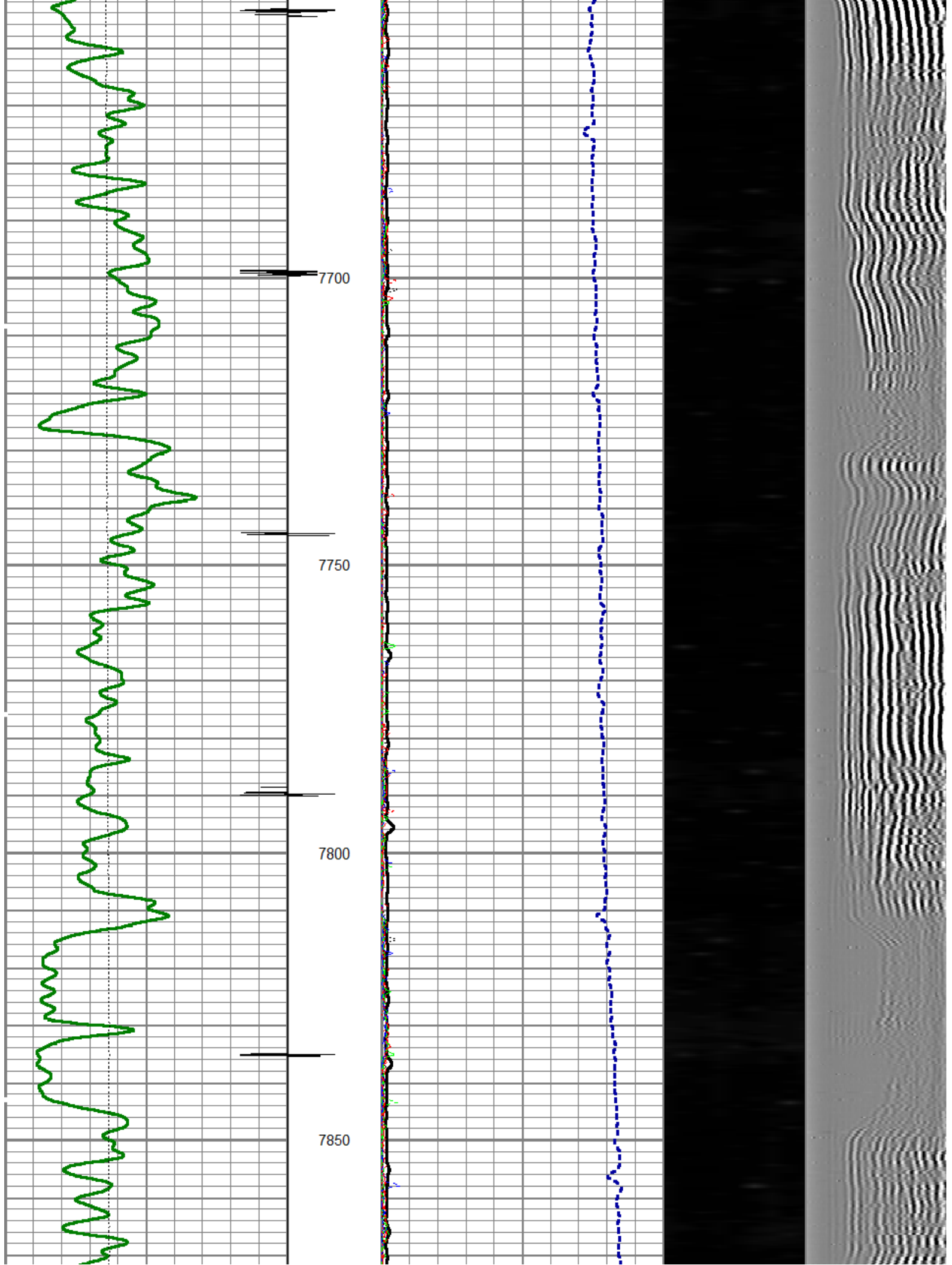


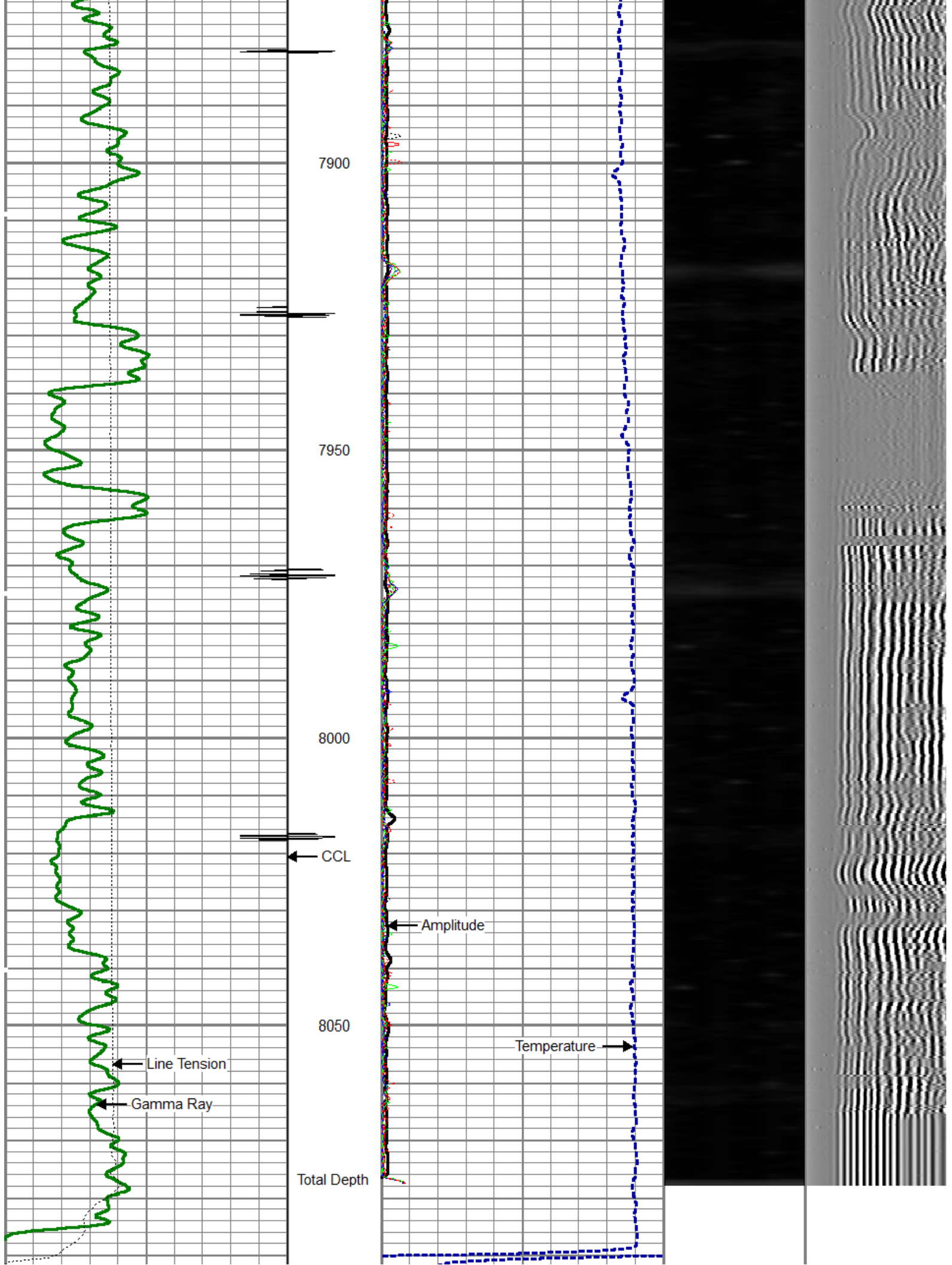




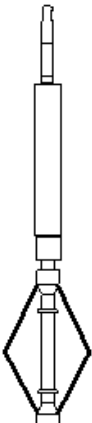
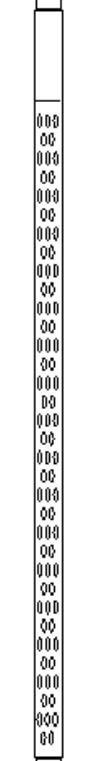
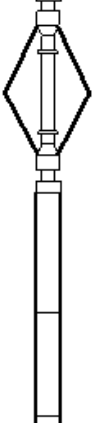
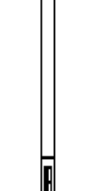









0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100	1	SECTORS	8	Variable Density	
0	LTEN (lb)	4000	0	temp (degF)	100	0		70	200	1200
		CCL	0	TT3FT (usec)	208					

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	21.68		titan	1.00	1.69	2.00
			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
WVF3FT	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					
WVF5FT	12.92					
GR	5.17		SONDEX	2.71	2.75	32.00
			SNDX_GR-SNDX_3_13_GR (000001) Sondex Production Gamma Ray	2.94	3.13	22.05
TEMP	0.58		TEMP-SNDX_TEMP (SNDX_TEMP_01) Sondex Production Temperature Tool	3.14	1.63	10.00

Dataset: dixon federal b14.db: field/well/run1/pass2 Total Length: 23.89 ft Total Weight: 249.07 lb O.D. 3.13 in					

	Company	ANTERO RESOURCES CORP.
	Well	DIXON FEDERAL B14
	Field	MAMM CREEK
	County	GARFIELD
	State	COLORADO