



GAMMA RAY CCL
CEMENT BOND VDL

Company EXTRACTION OIL & GAS
Well BROZOVICH MA 8-16J
Field WATTENBERG
County BROOMFIELD State COLO

Location: API # : 05-014-08928-00

SESE

SEC 8 TWP 1S RGE 68W

Permanent Datum GL KB 11'
Log Measured From KB
Drilling Measured From KB

Elevation 5333
K.B. 5344
D.F.
G.L. 5333

Company EXTRACTION OIL & GAS
Well BROZOVICH MA 8-16J
Field WATTENBERG
County BROOMFIELD
State COLO

Date OCT-9-2019

Run Number	ONE
Depth Driller	9073
Depth Logger	7794
Bottom Logged Interval	7793
Top Log Interval	SURFACE
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	8.34 PPG
Max. Recorded Temp.	NA
Estimated Cement Top	SEE LOG
Time Well Ready	ROA
Time Logger on Bottom	9:00 AM
Equipment Number	TRUCK 65
Location	PLATTEVILLE, CO
Recorded By	KYLE GIRDLER
Witnessed By	CRAIG EAST

Borehole Record			Tubing Record		
Run Number	Bit	From	To	Size	Weight
					From
					To

Casing Record	Size	Mgt/Ft	Top	Bottom
Surface String	8 5/8	24	0	318
Prot. String				
Production String	5.5	15.5 & 17	0	9073
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

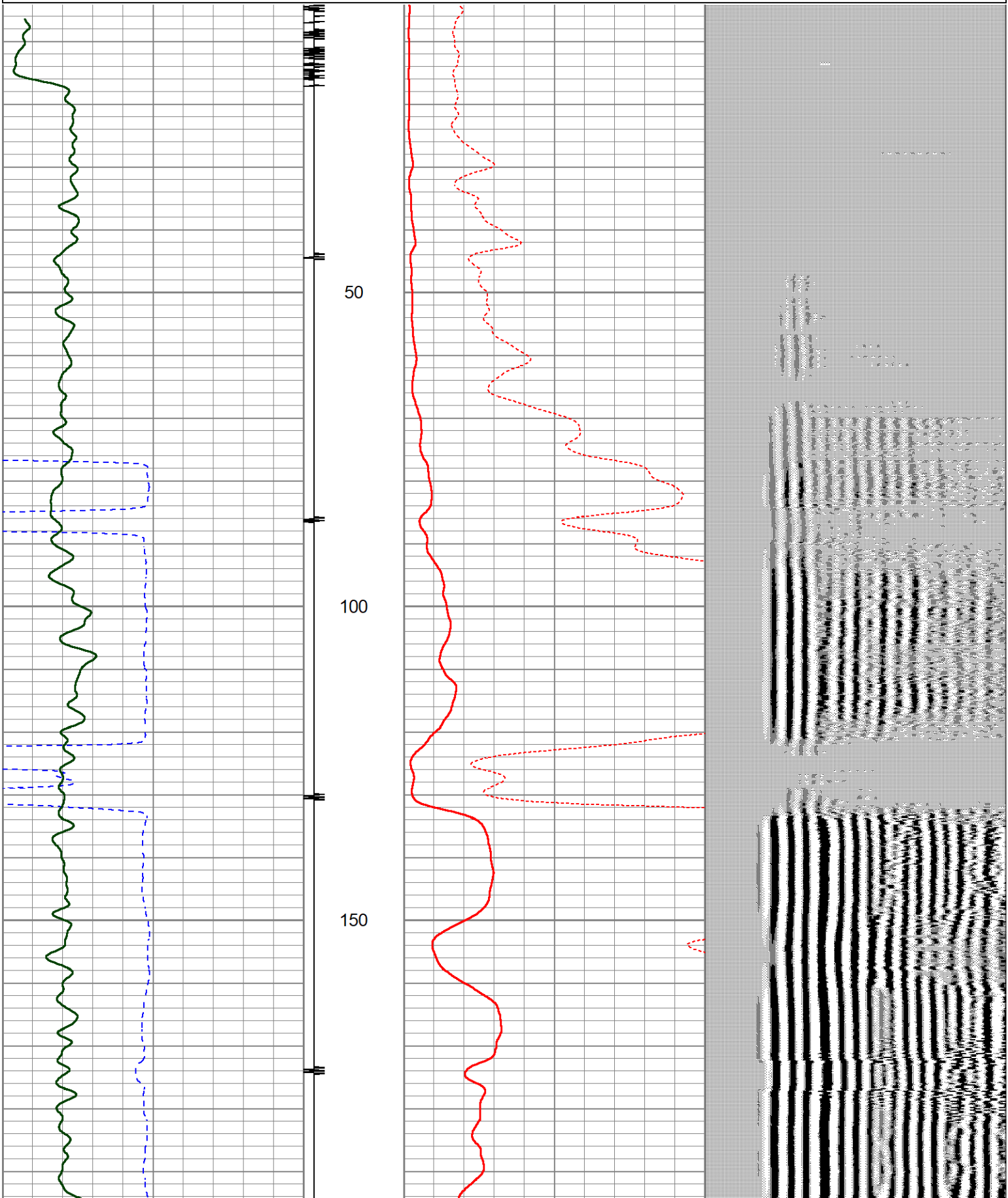
THYANK YOU FOR CHOOSING KLX ENERGY SERVICES
LOG CORRELATED TO DV TOOL @ 1230

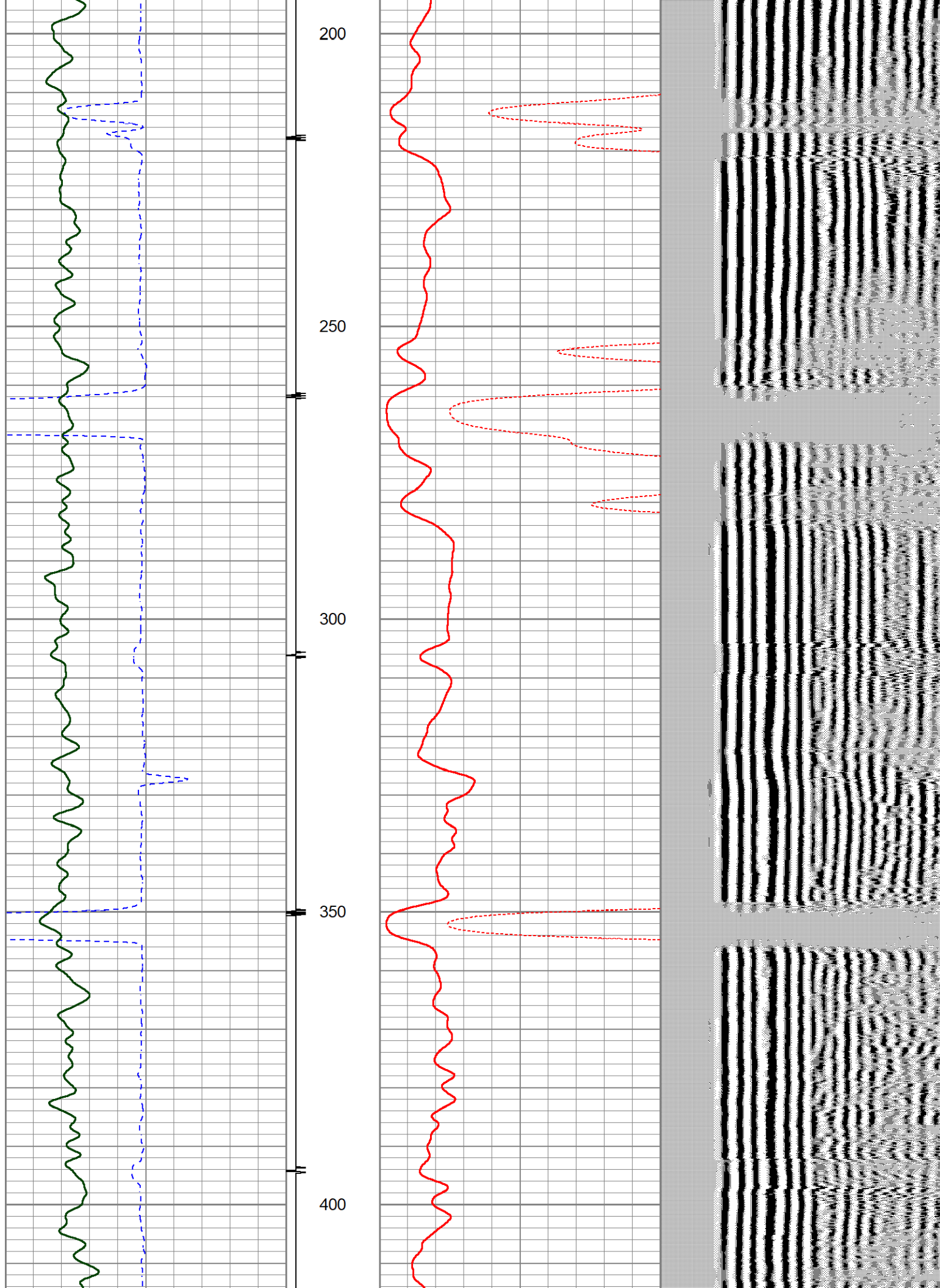


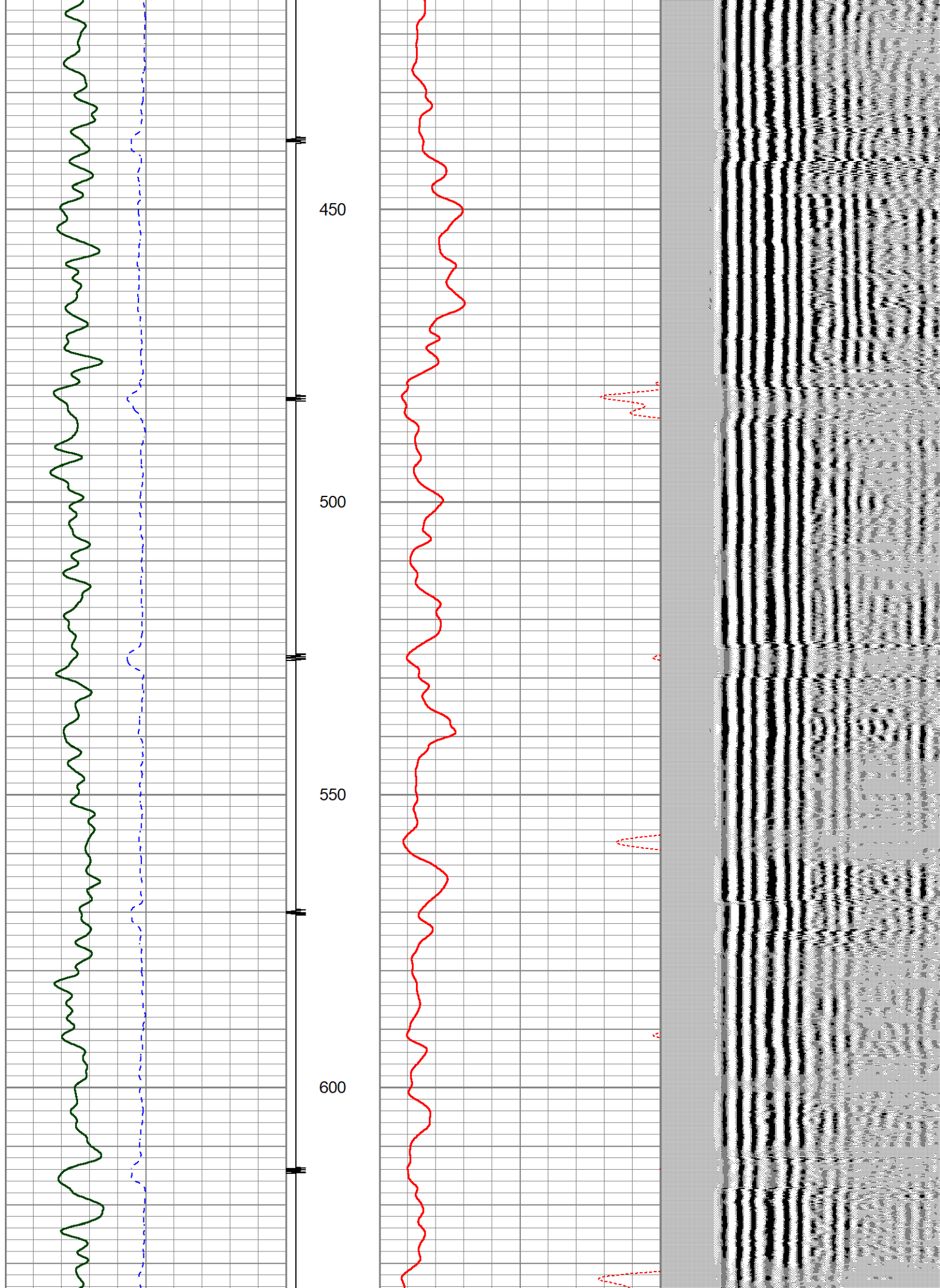
MAIN PASS

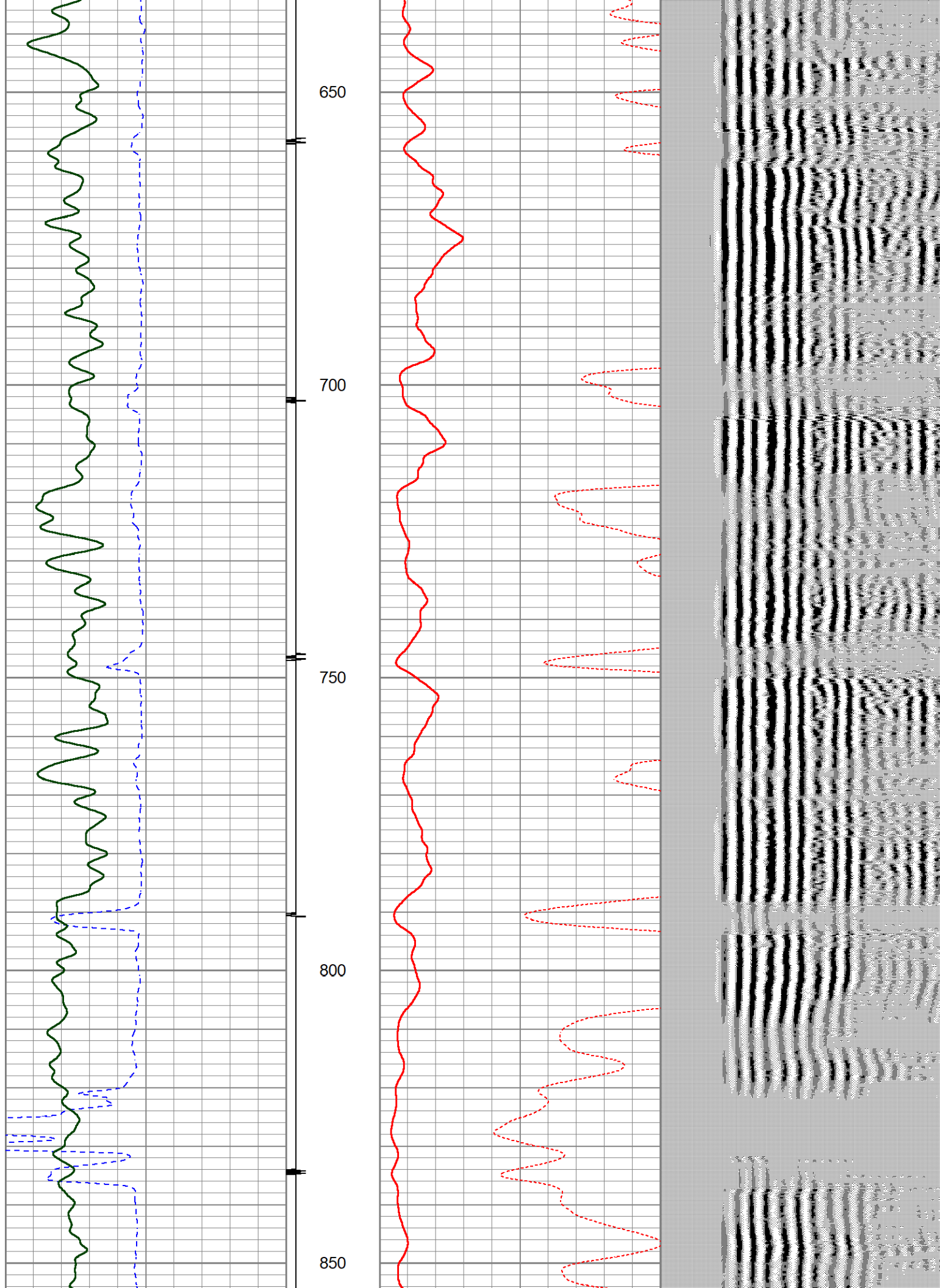
Database File	brozovich_ma_8-16j_cbl.db
Dataset Pathname	pass6
Presentation Format	cbl01
Dataset Creation	Wed Oct 09 10:04:21 2019
Charted by	Depth in Feet scaled 1:240

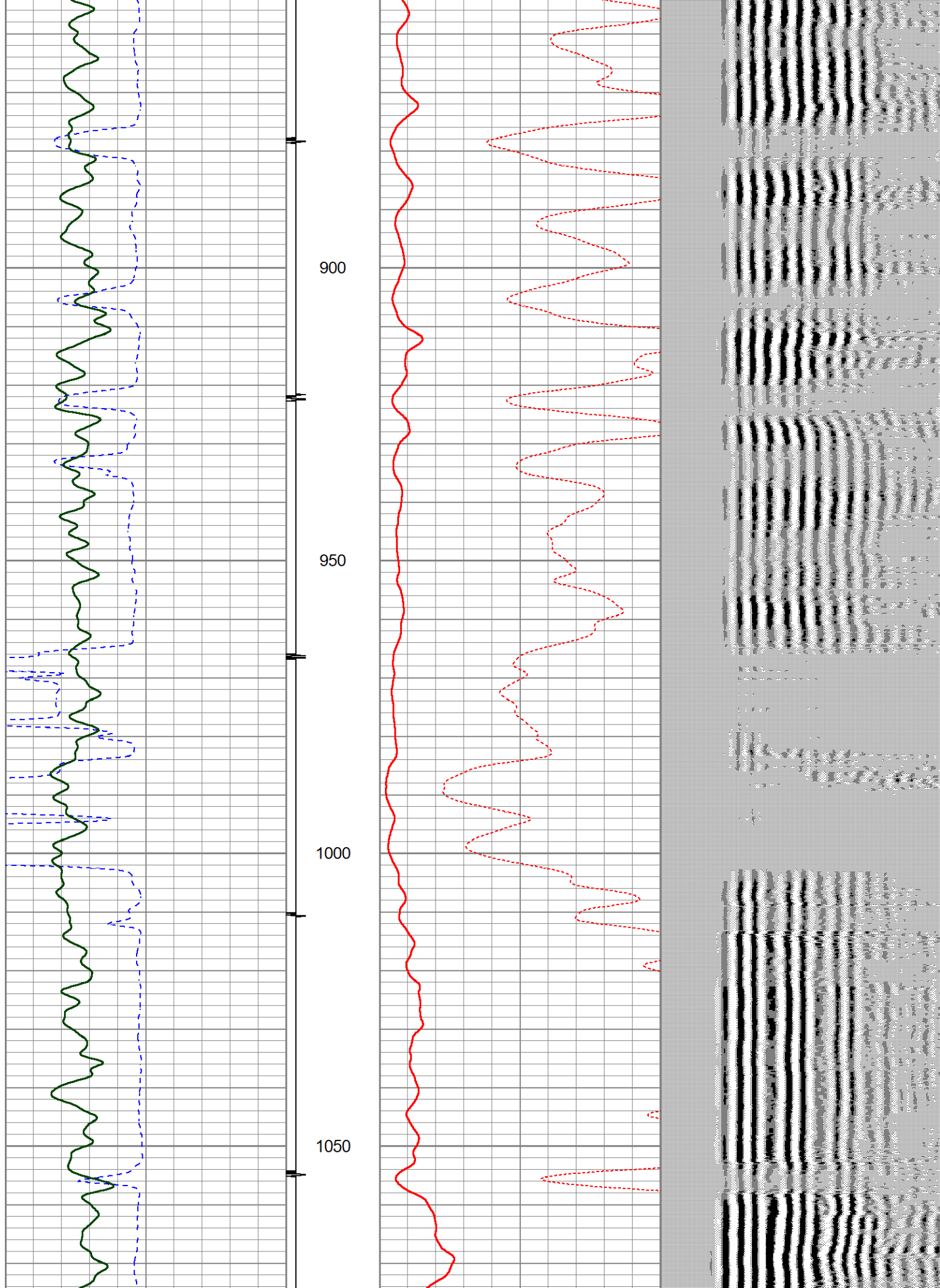
400	Travel Time (usec)	200	Collar Location	0	Amplified Amplitude (mV)	10	200	Variable Density (usec)	1200
0	Gamma Ray (GAPI)	150	-1	9 0	Amplitude (mV)	100			

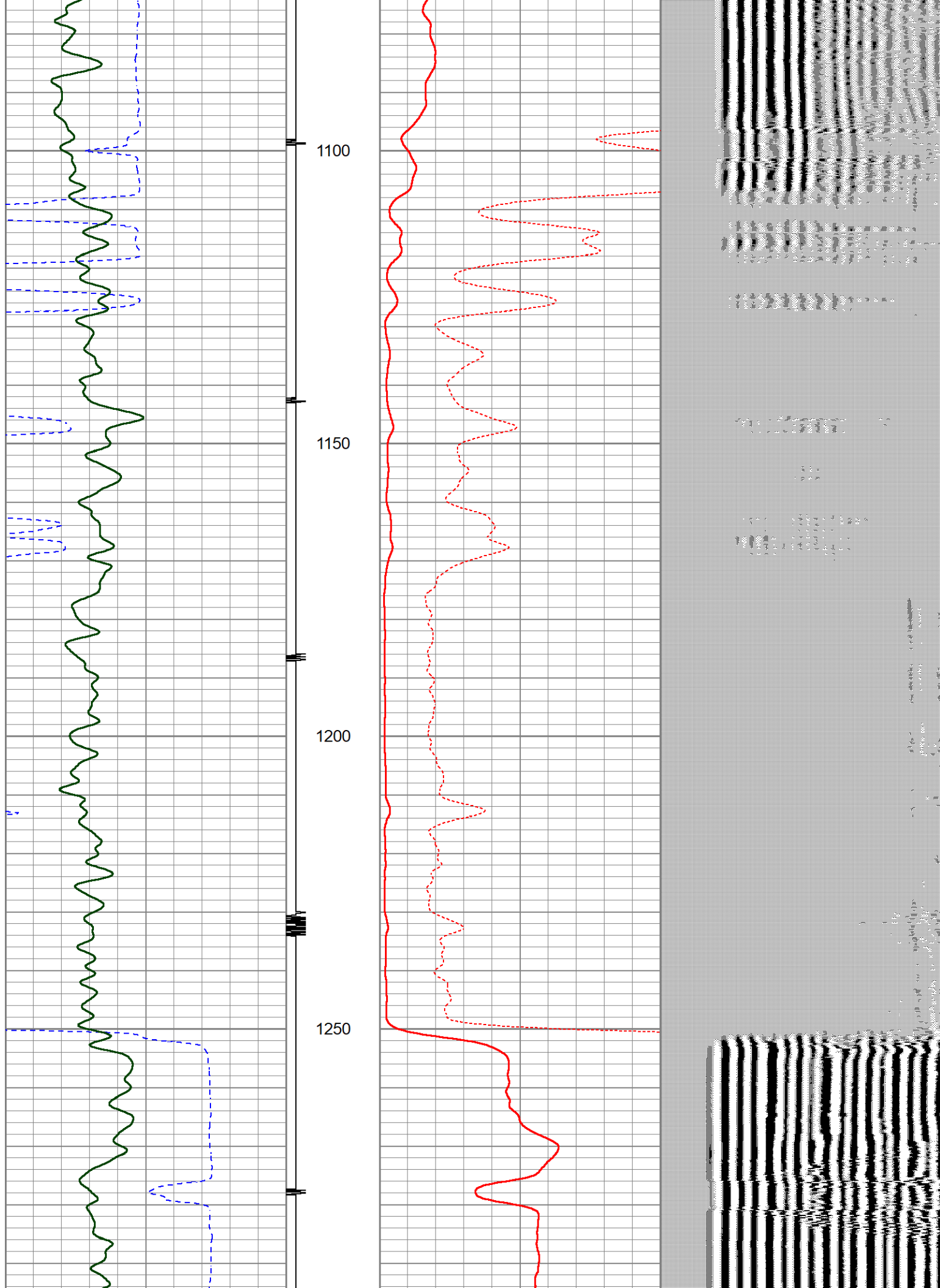


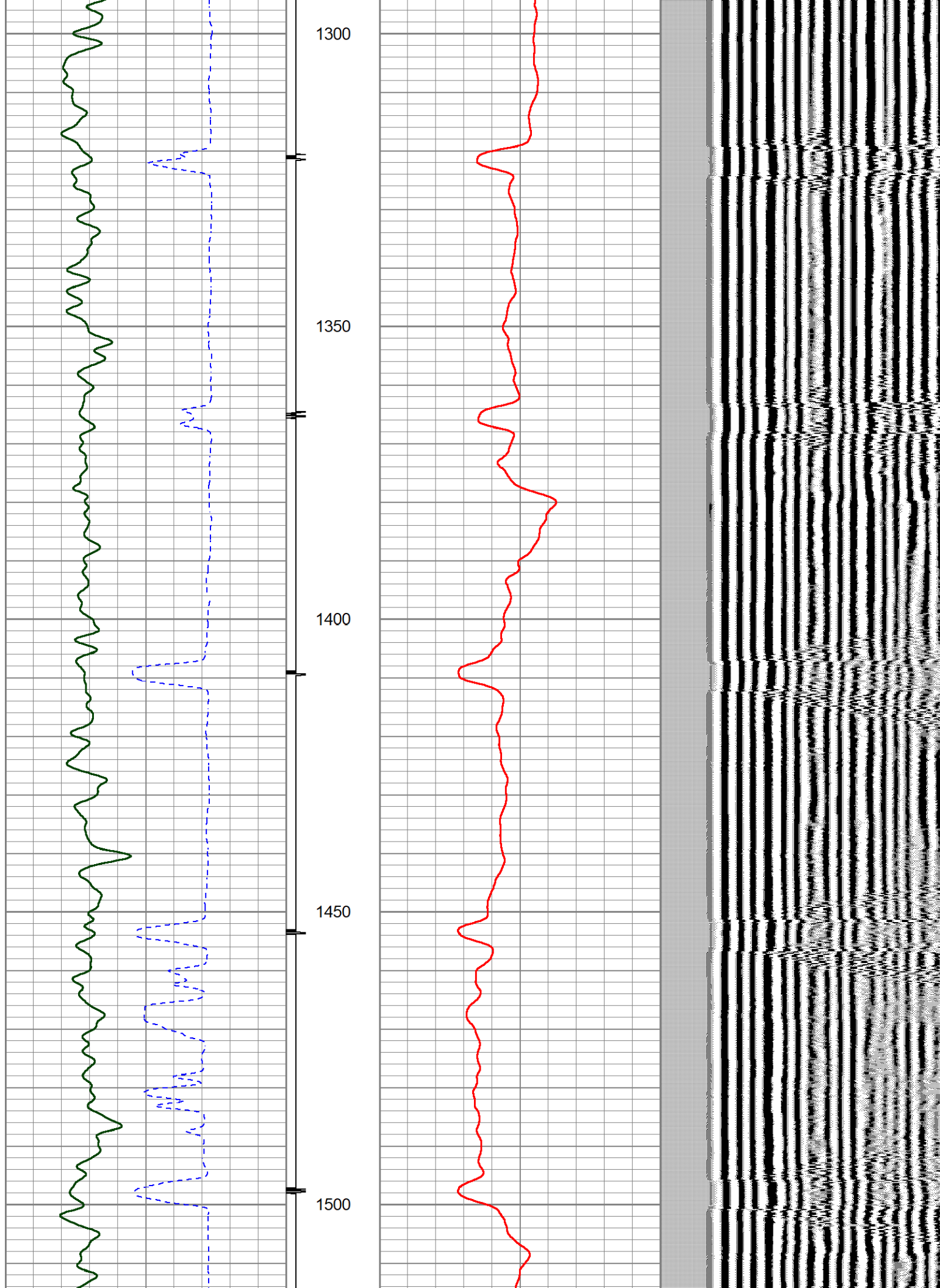


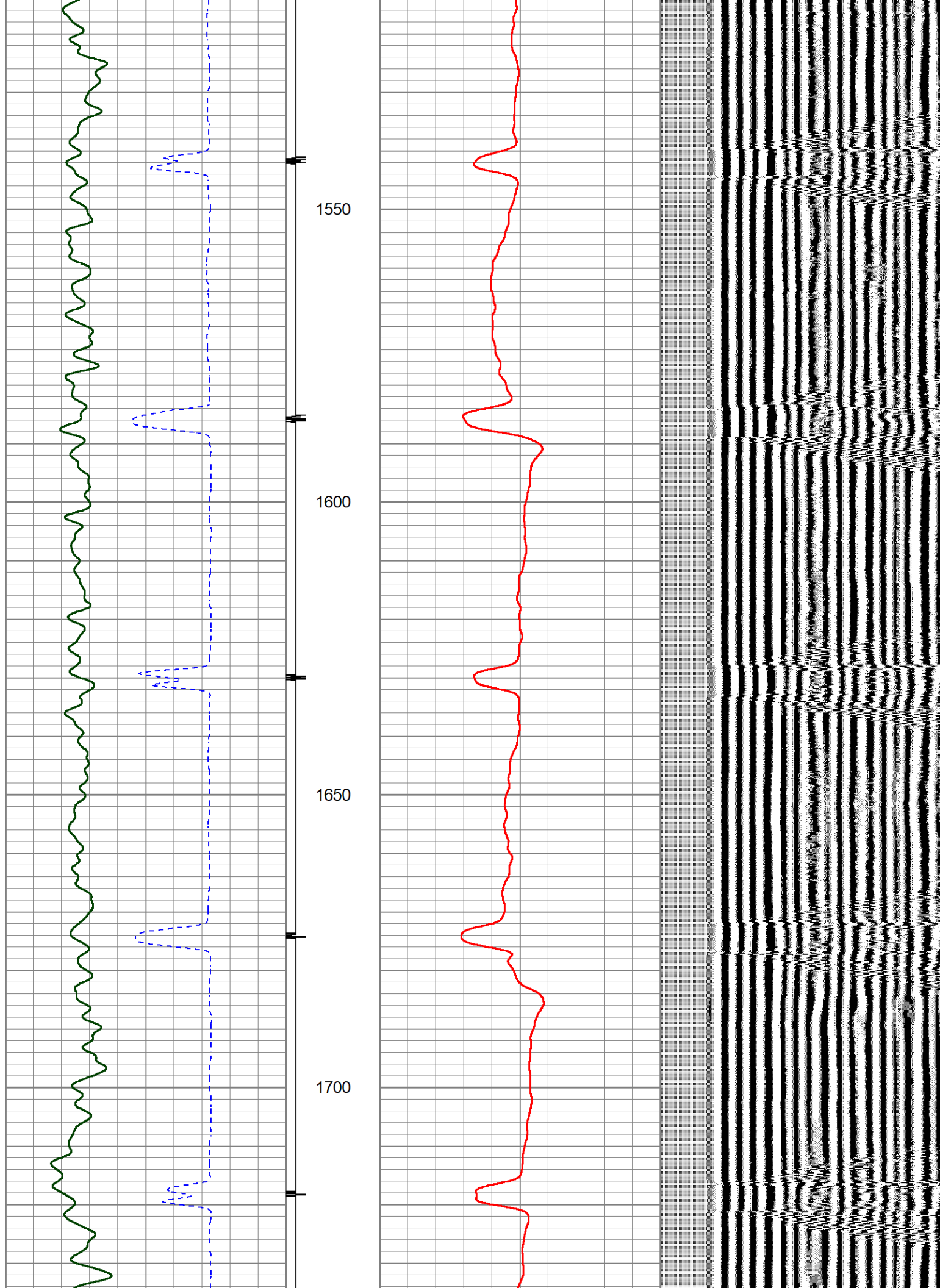


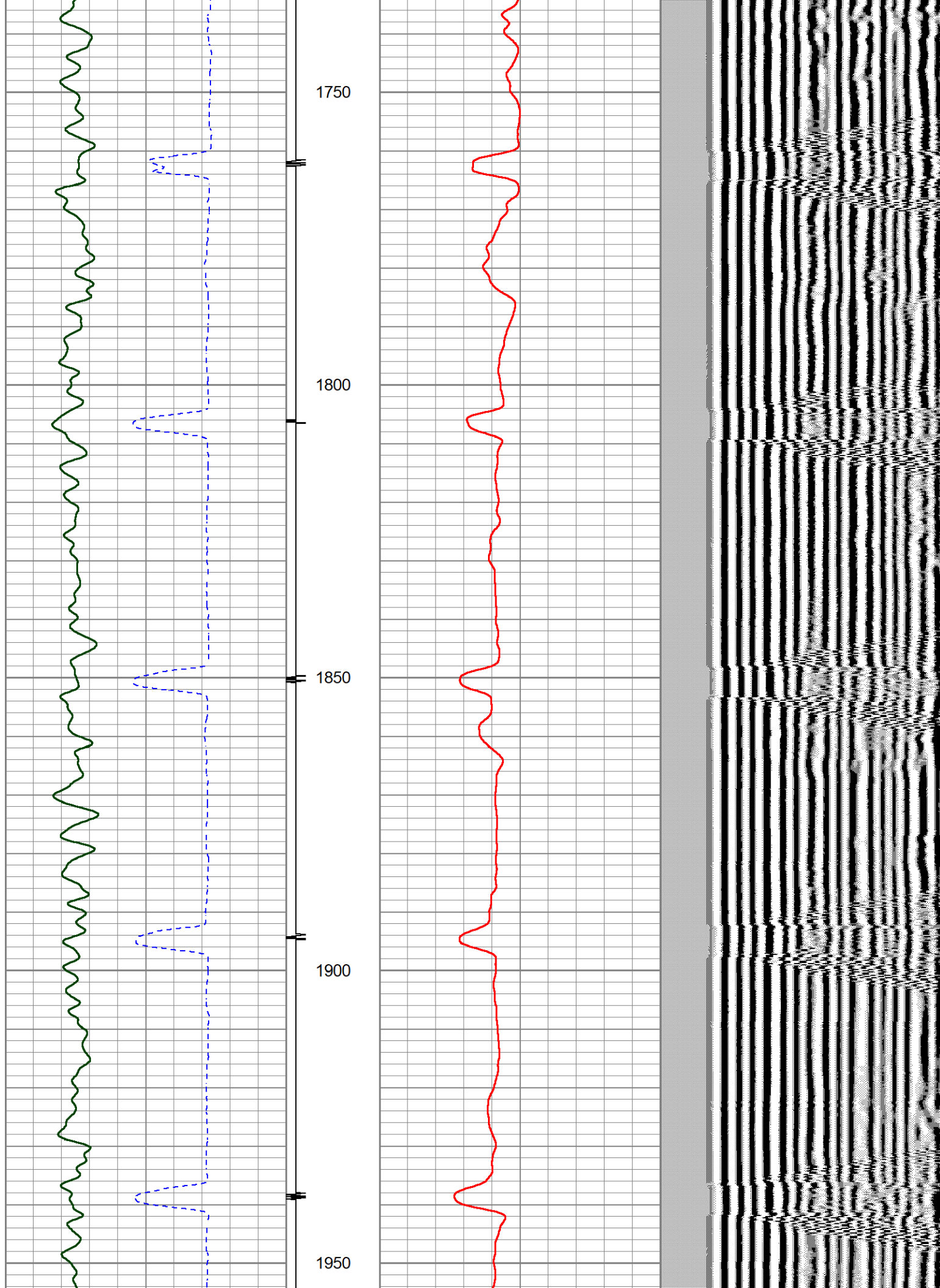


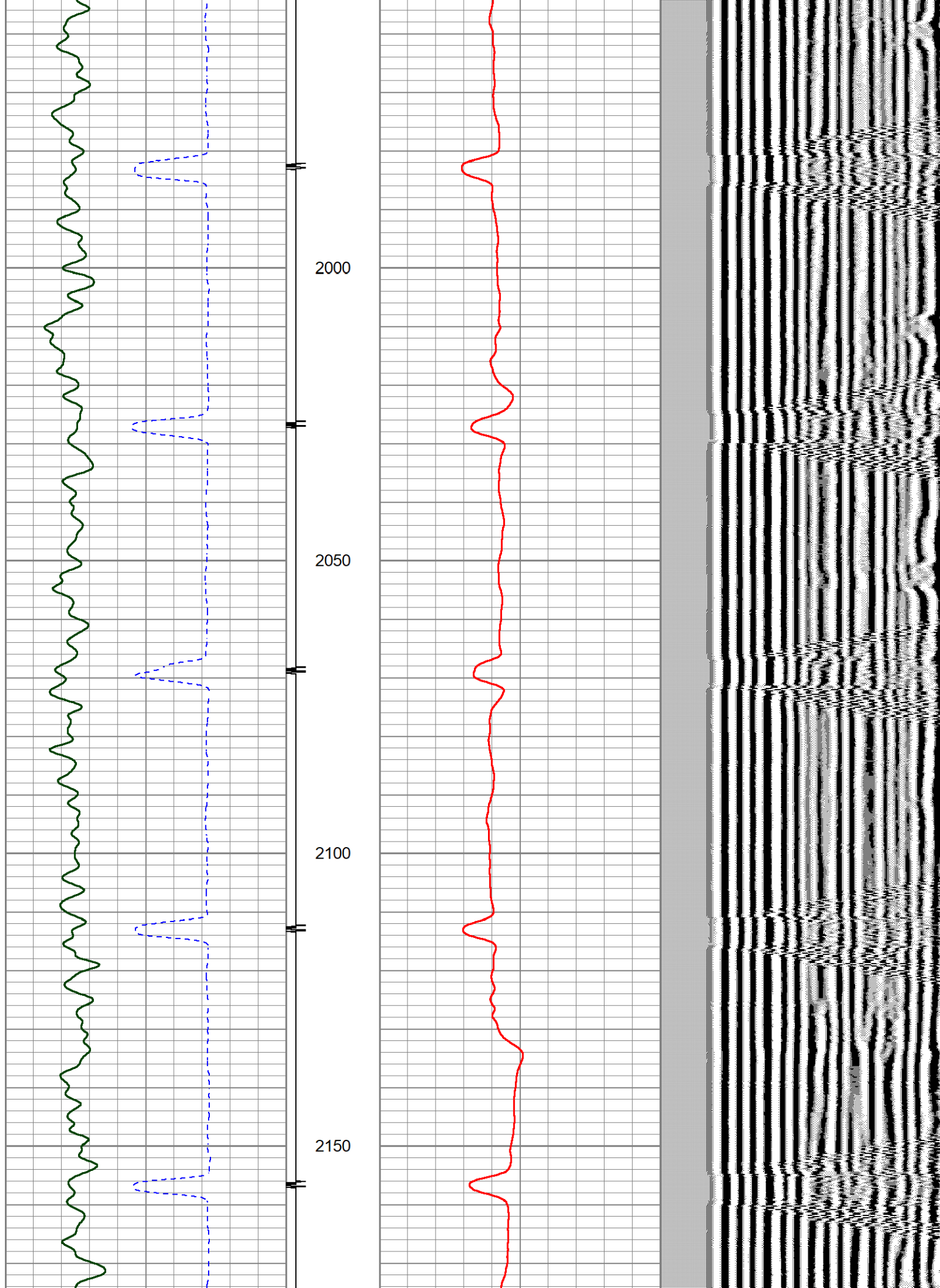


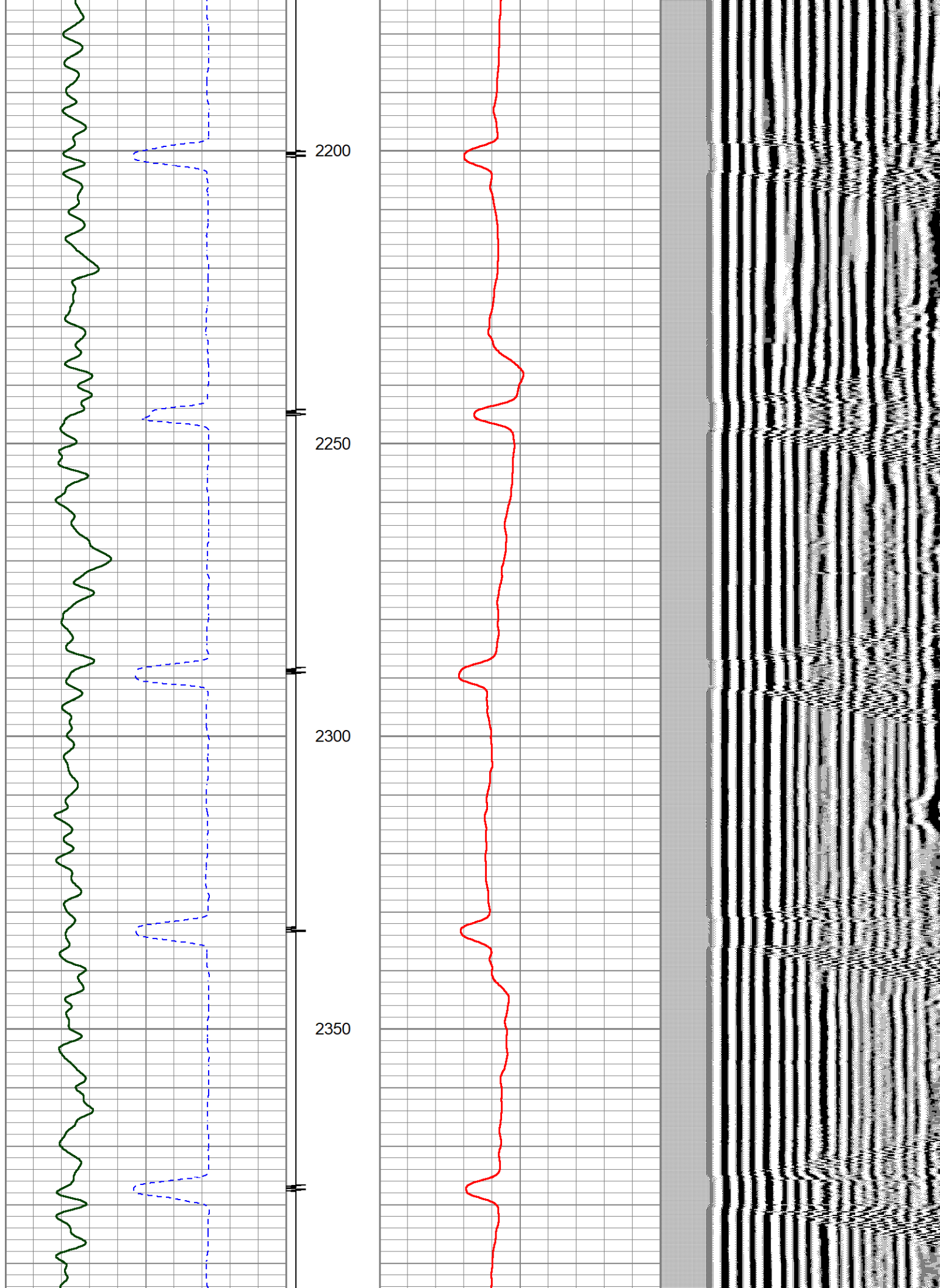


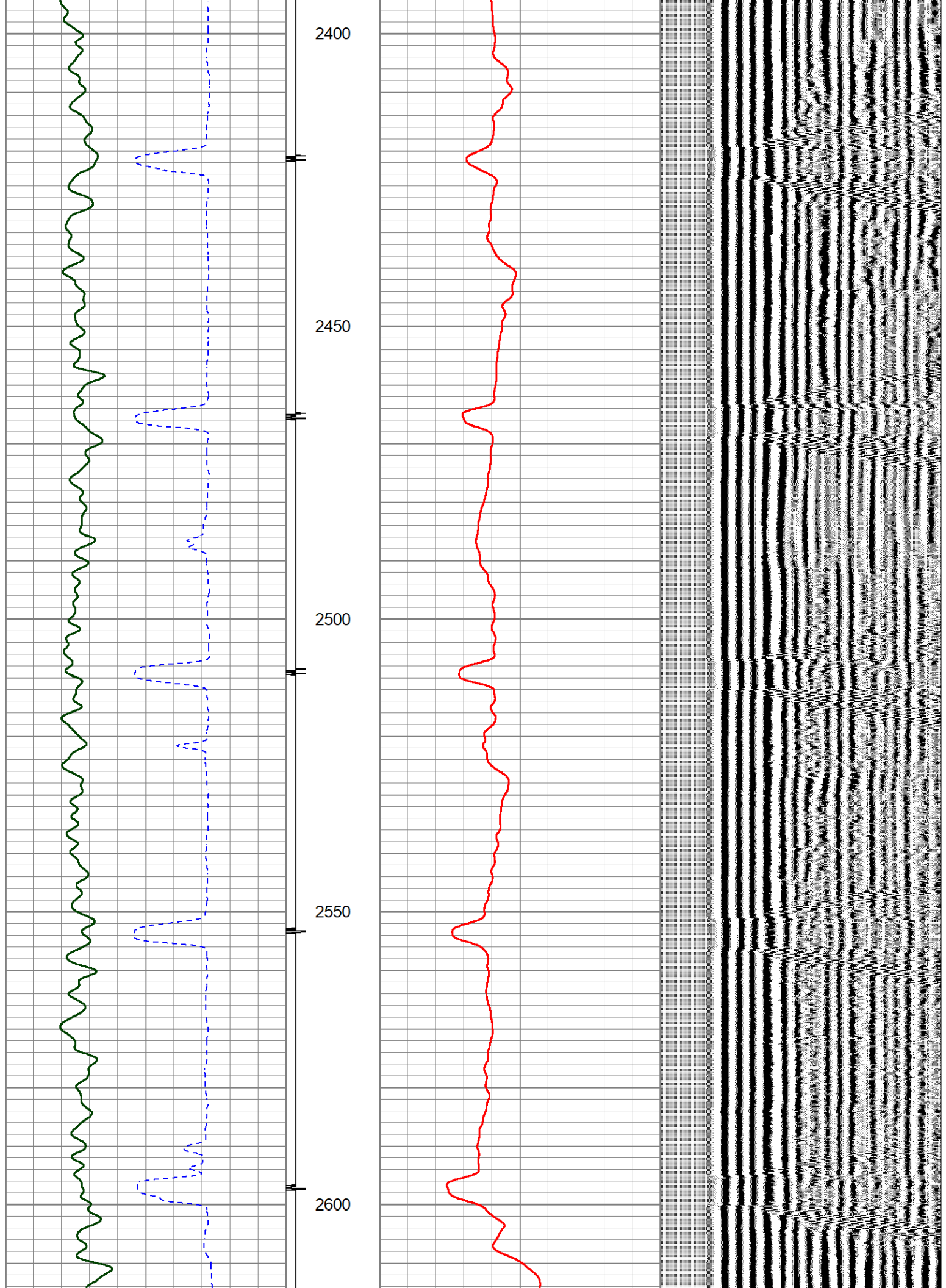


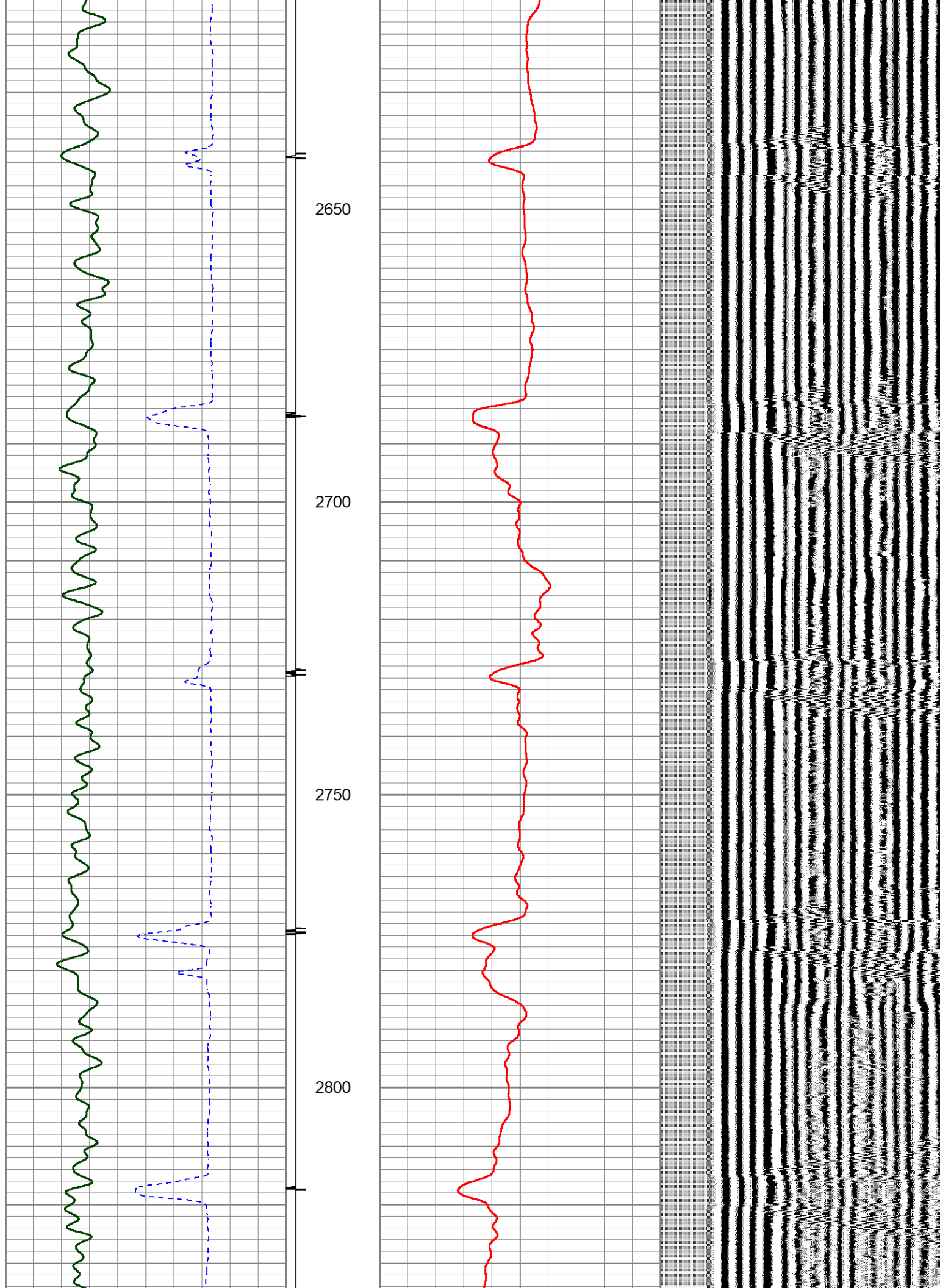


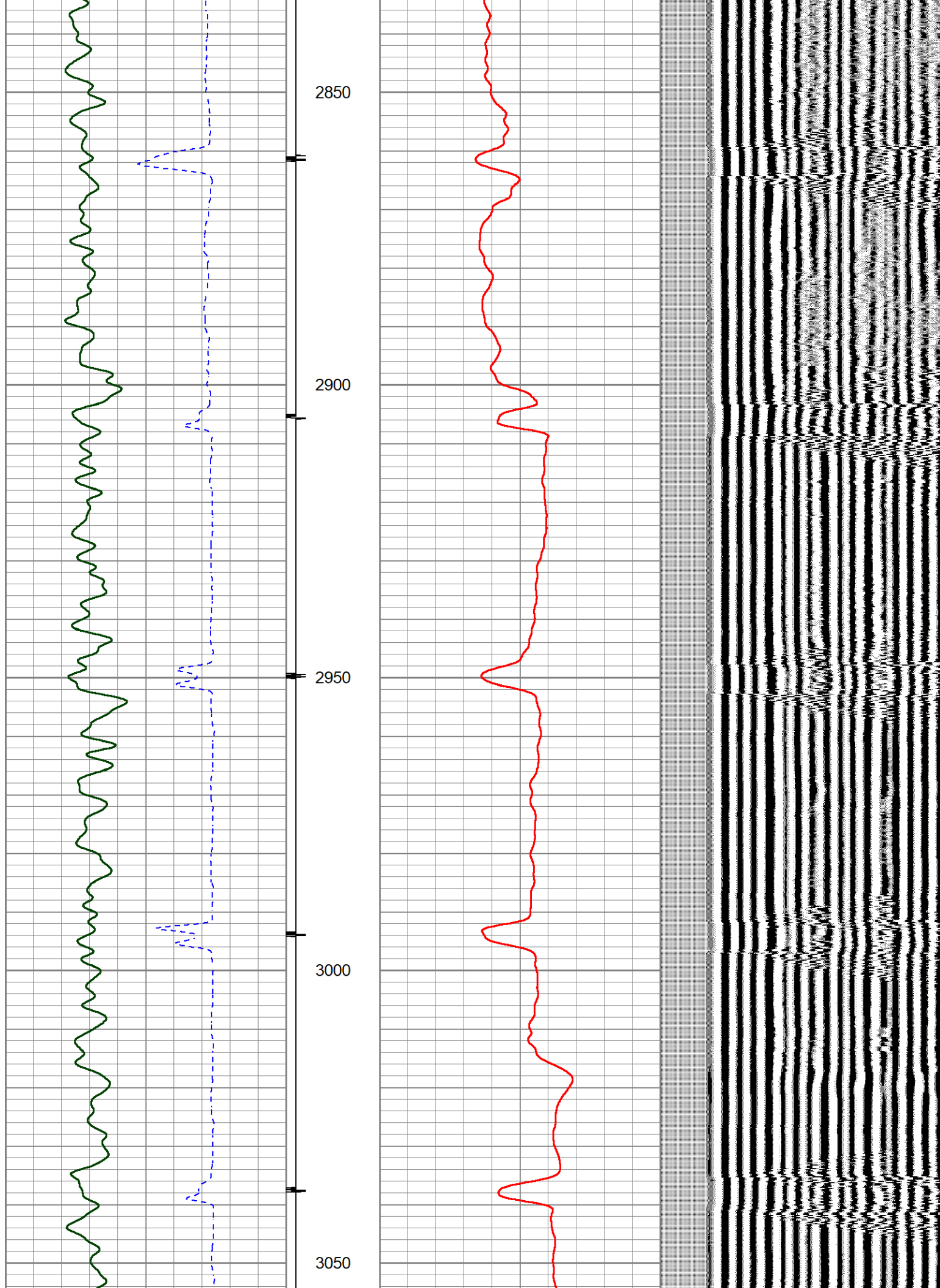


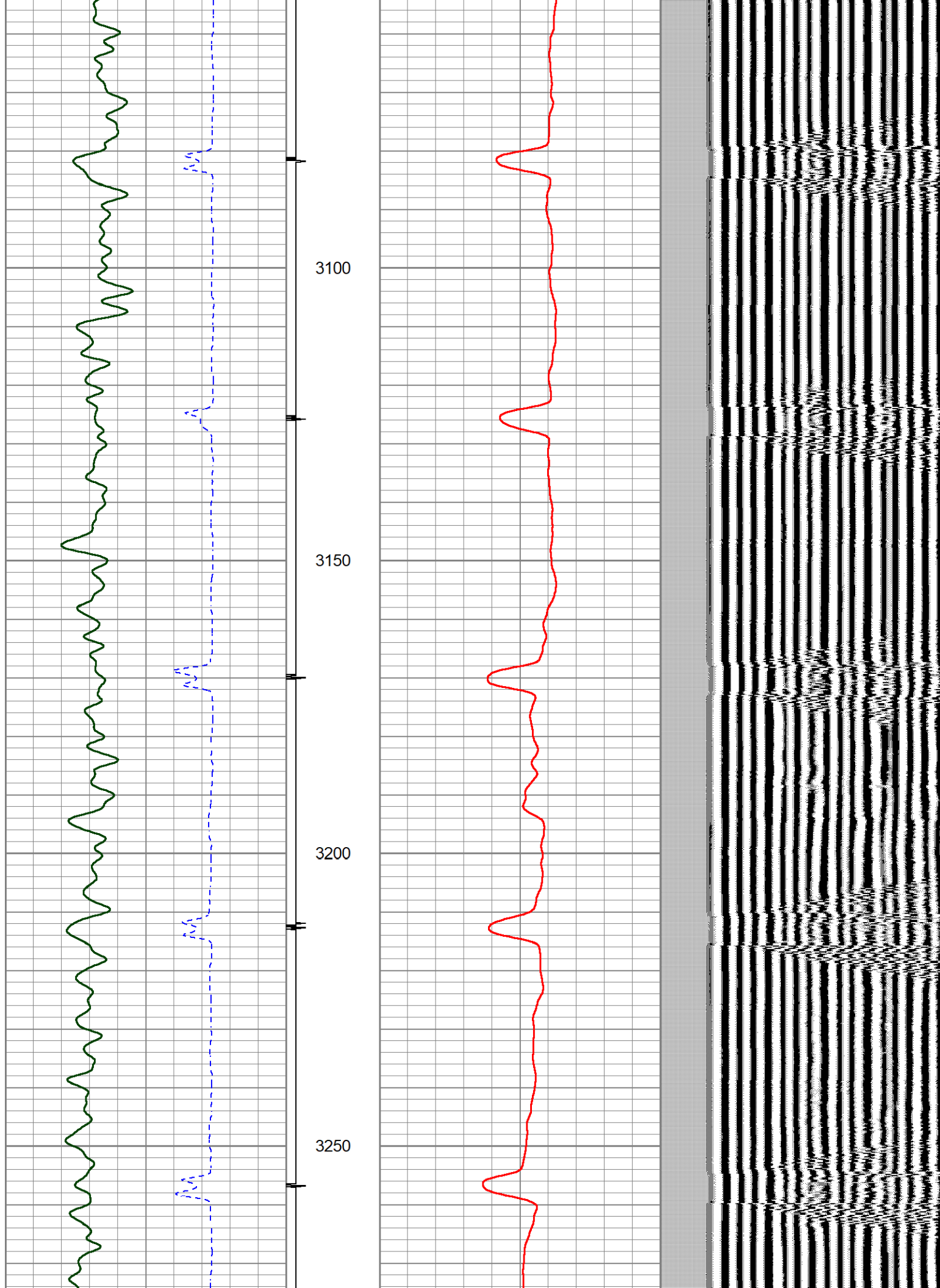


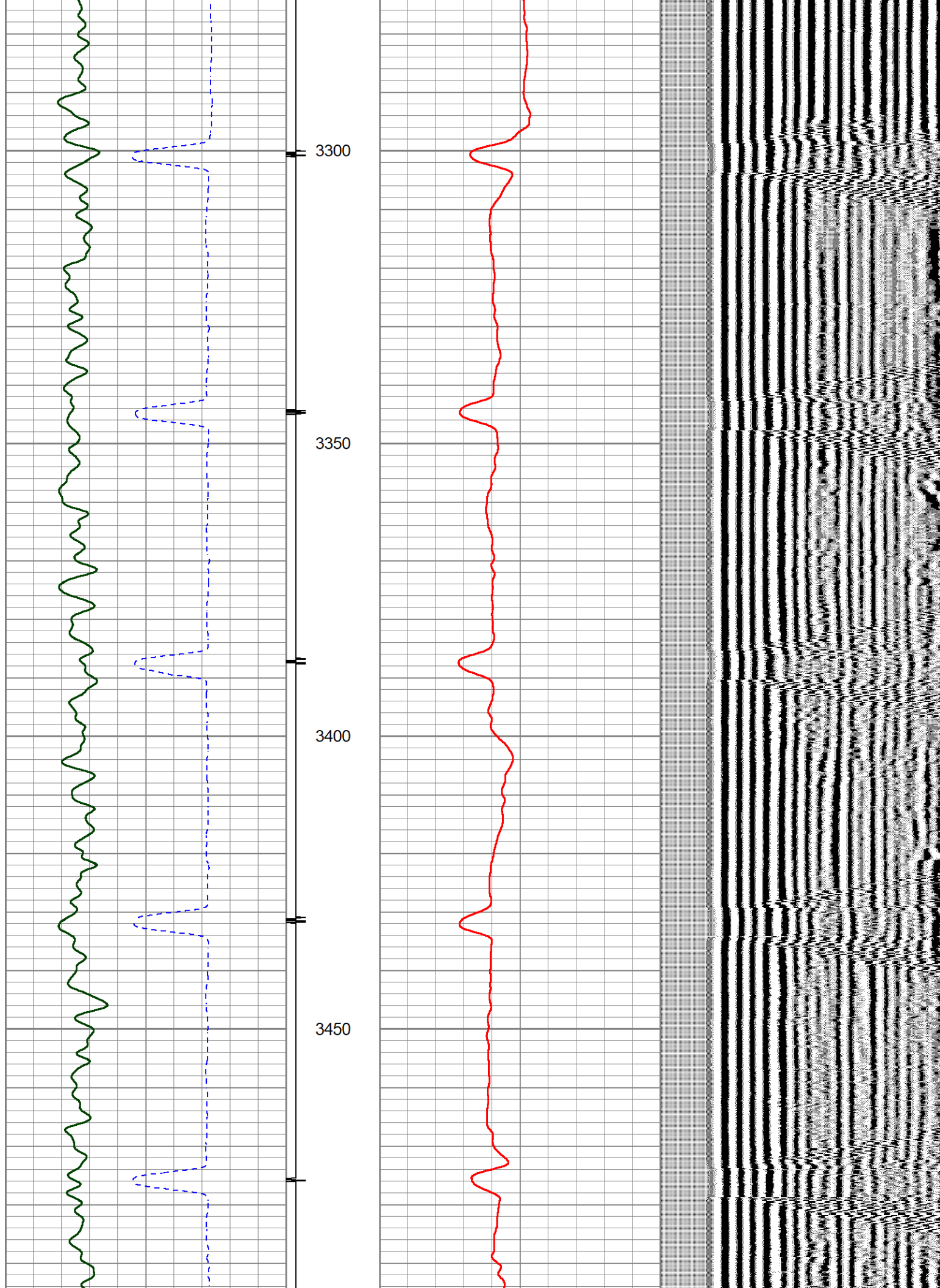


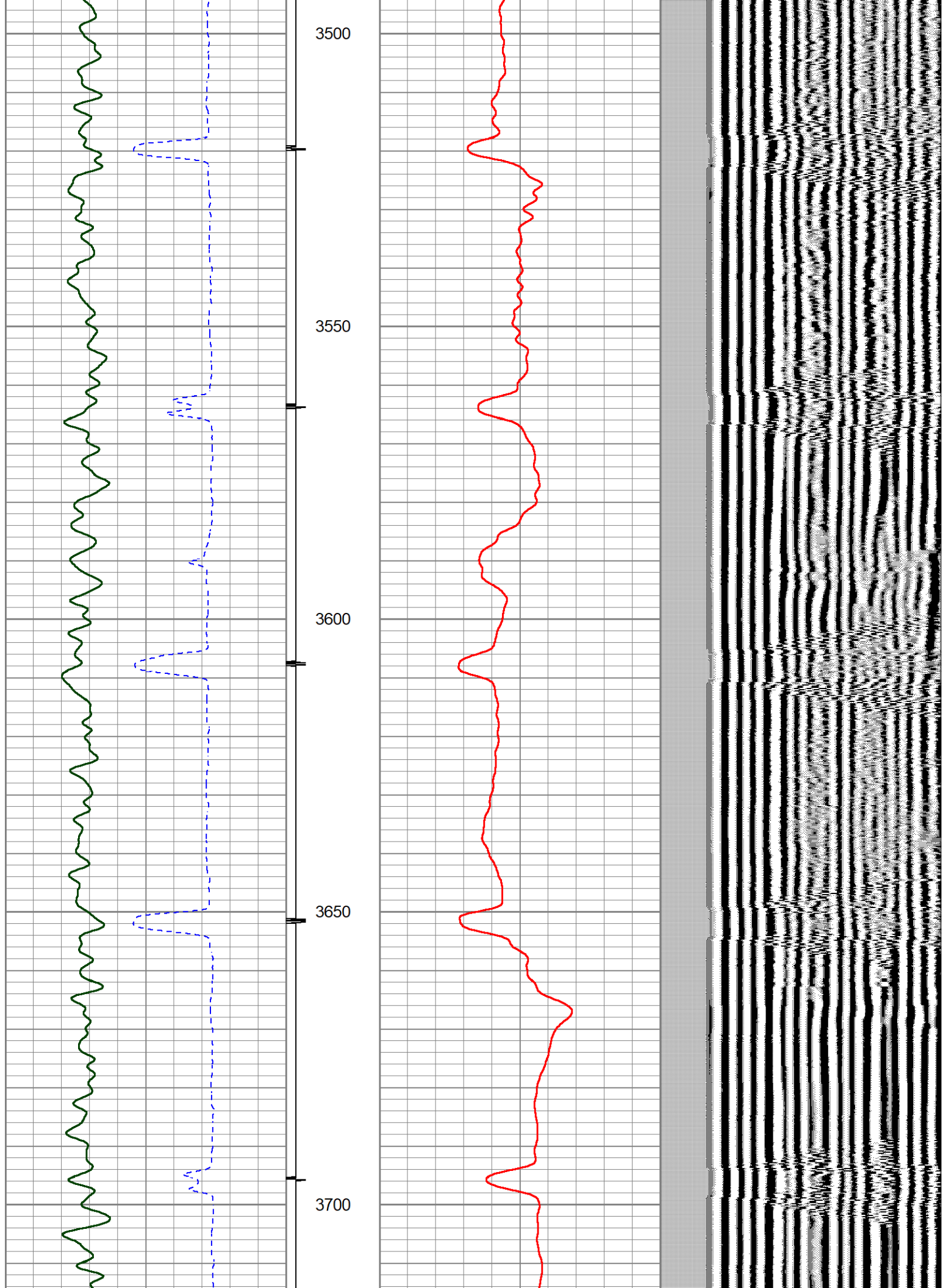


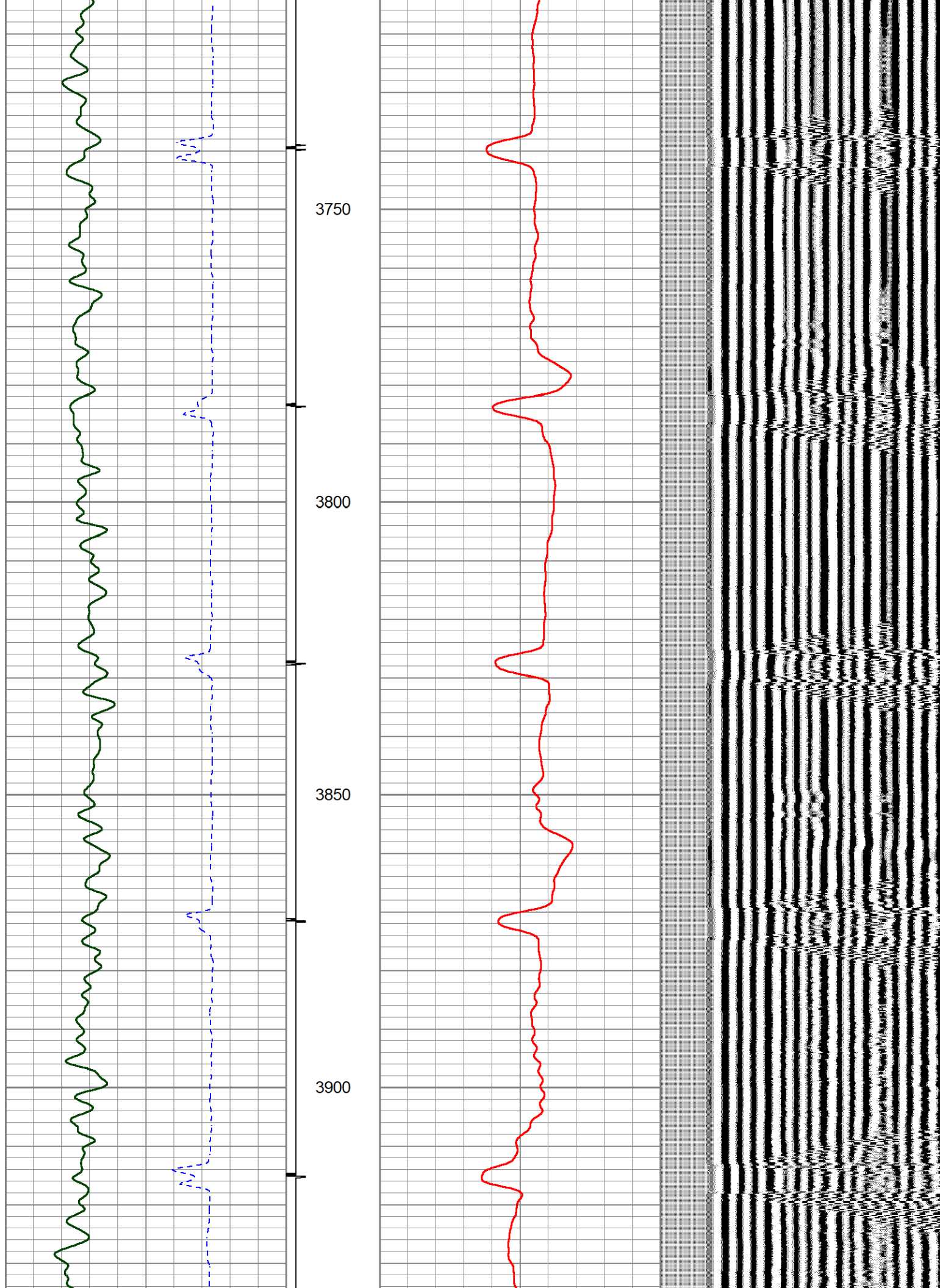


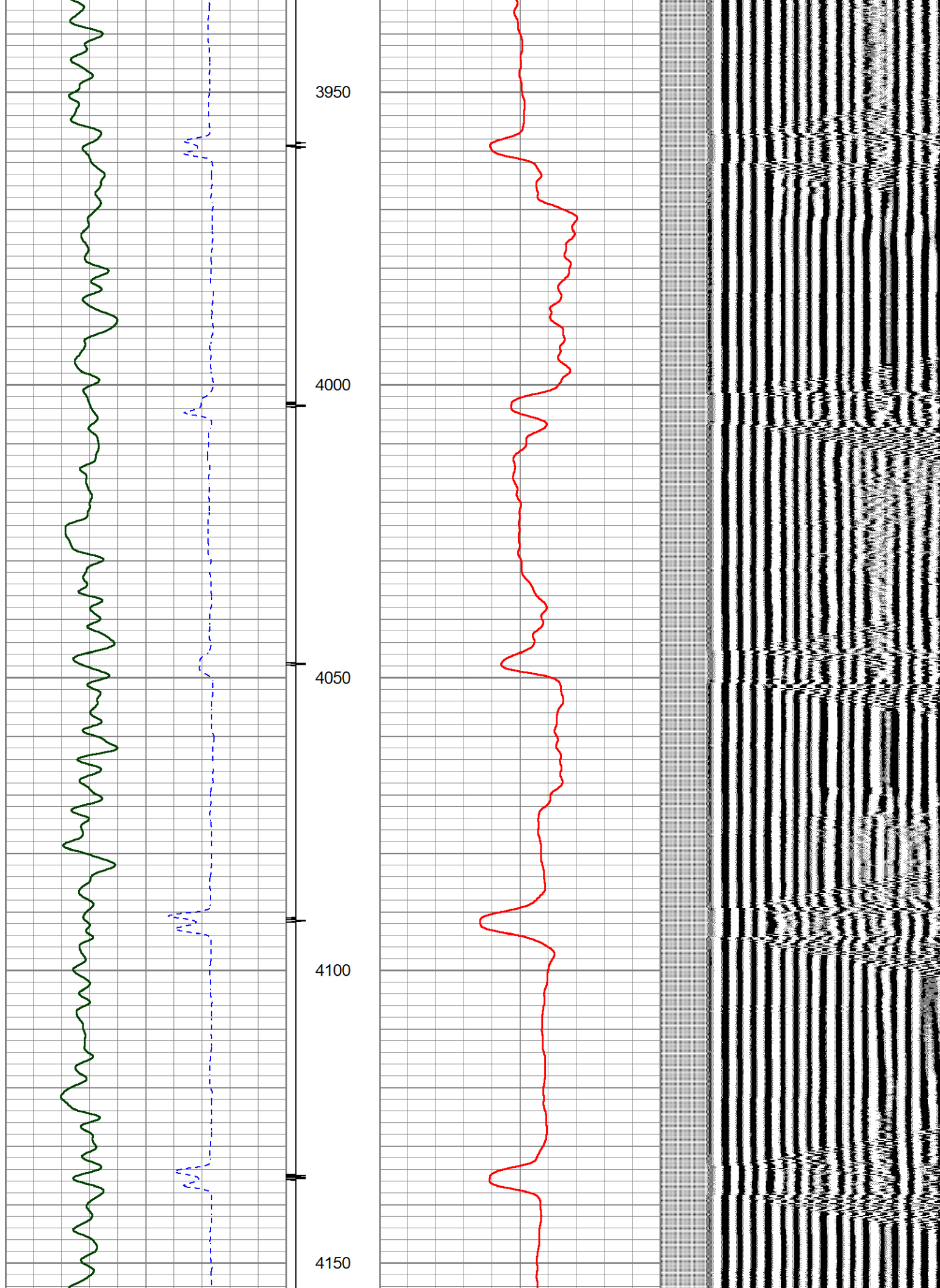


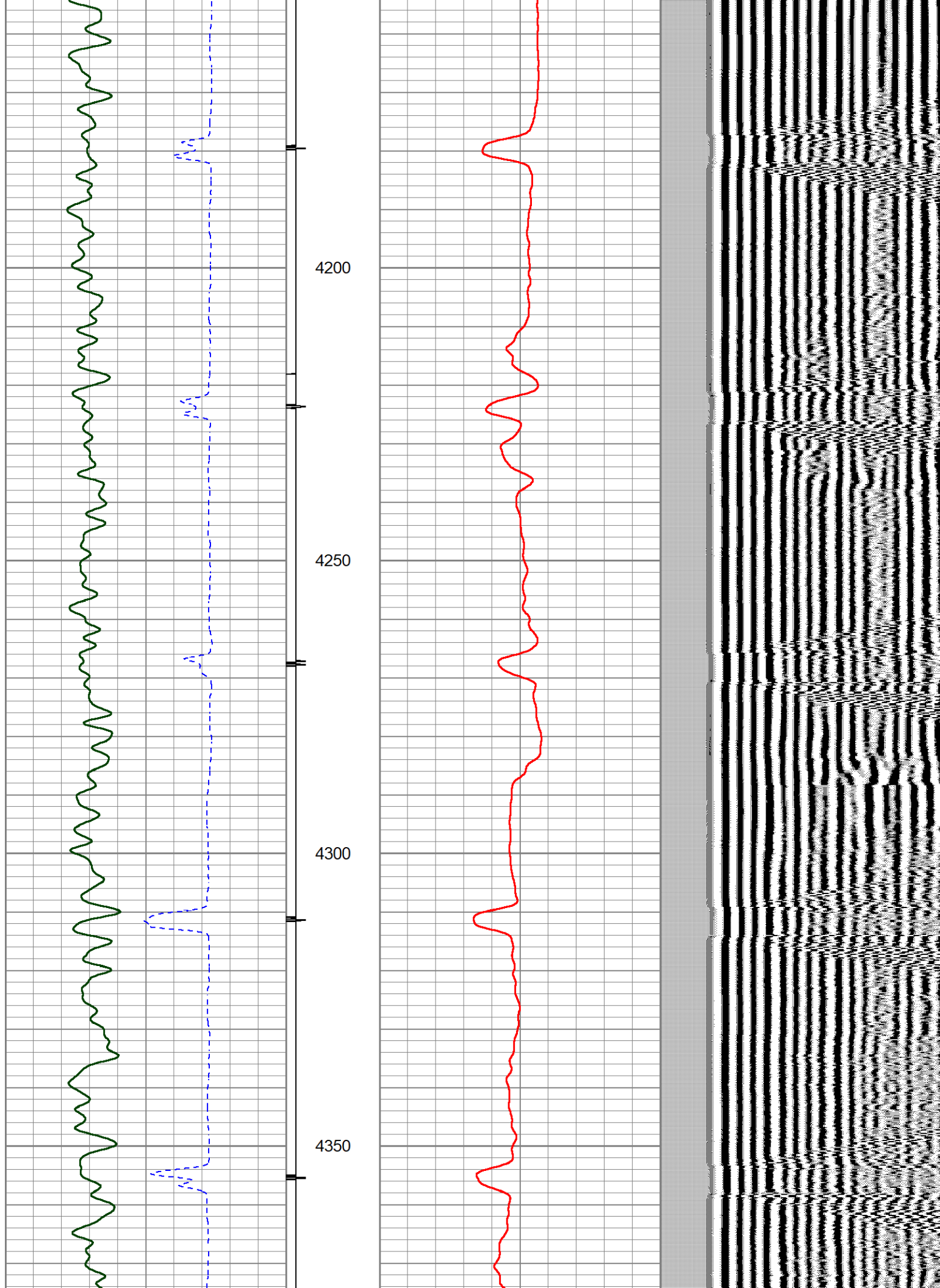


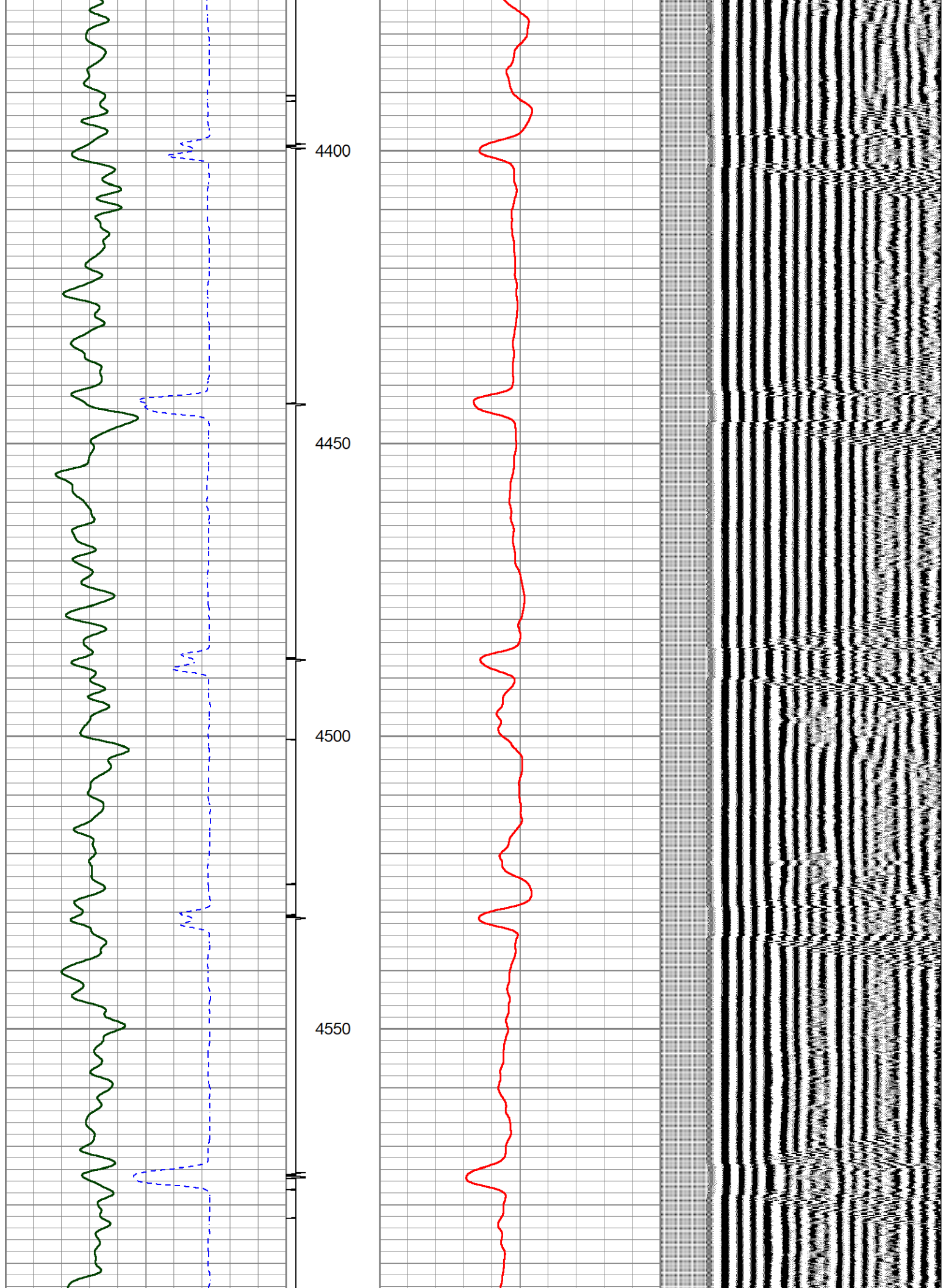


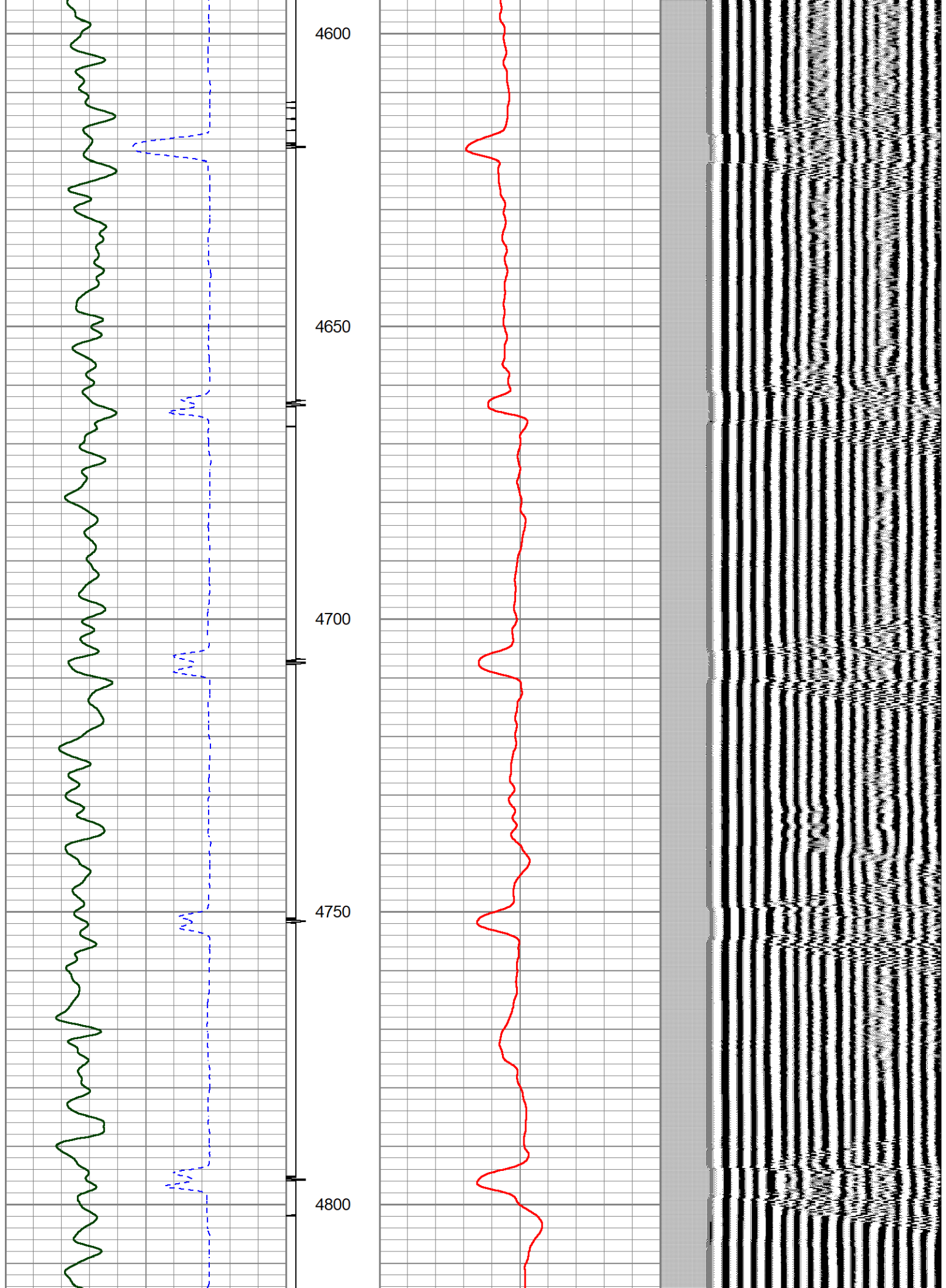


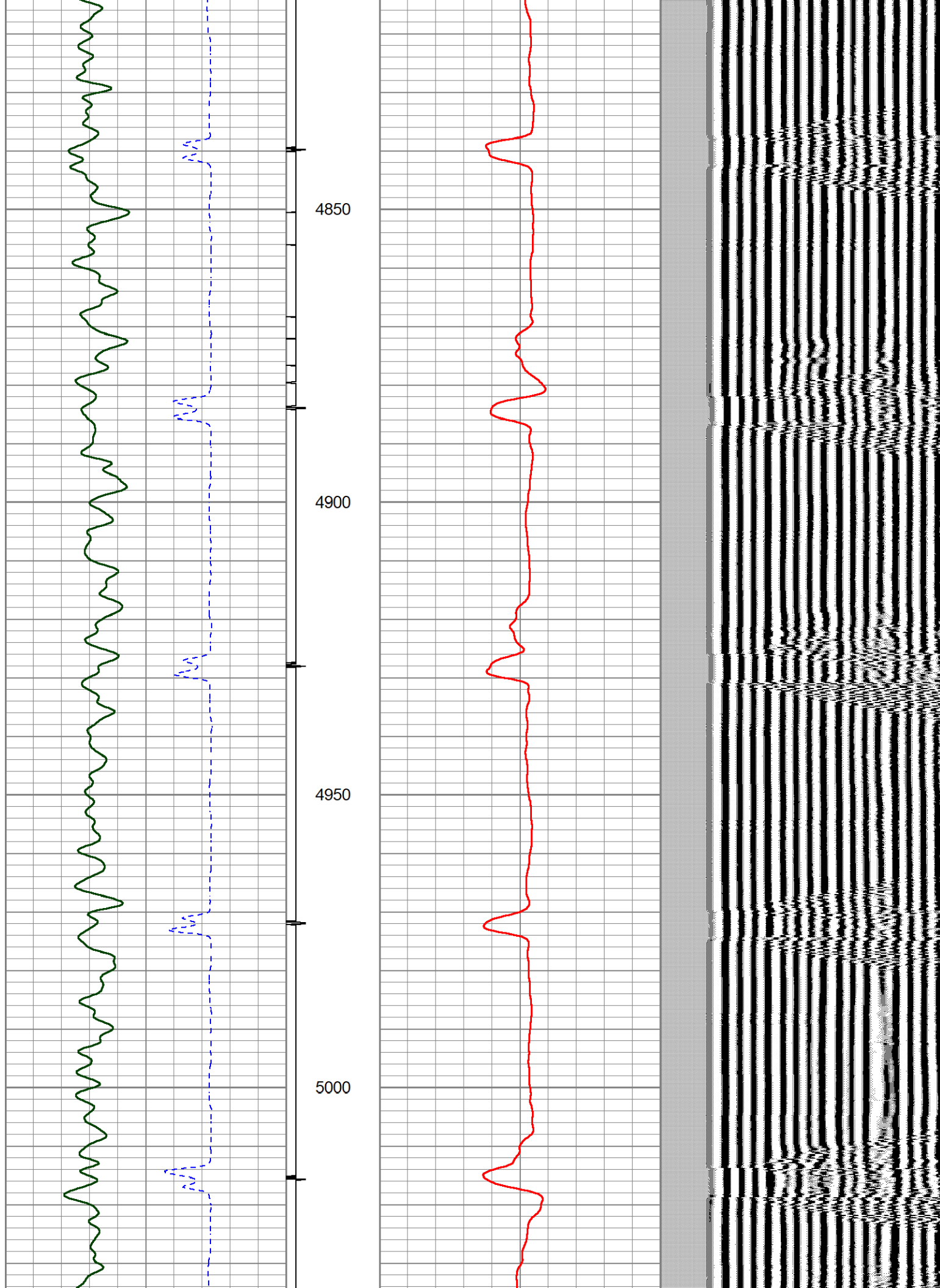


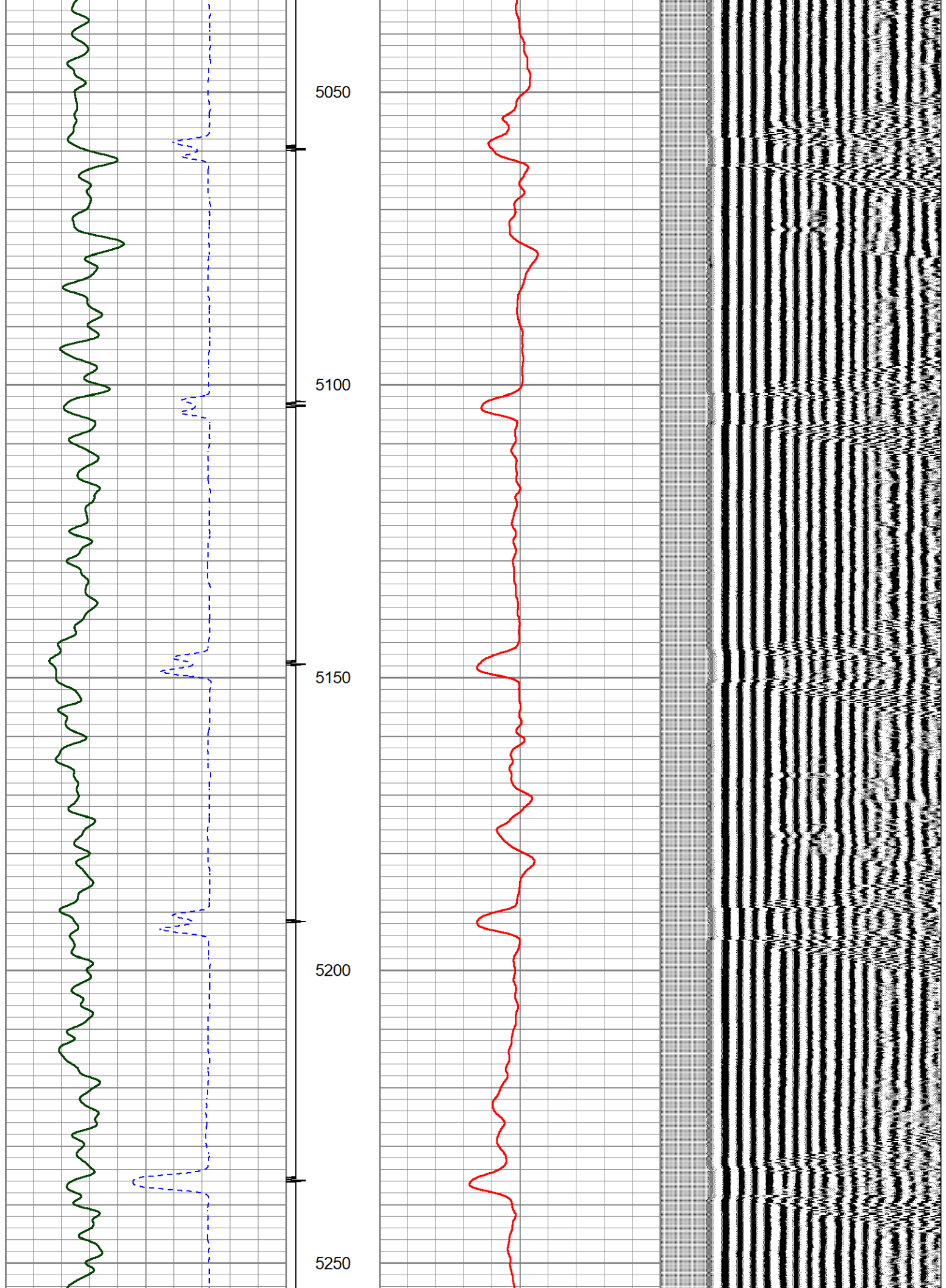


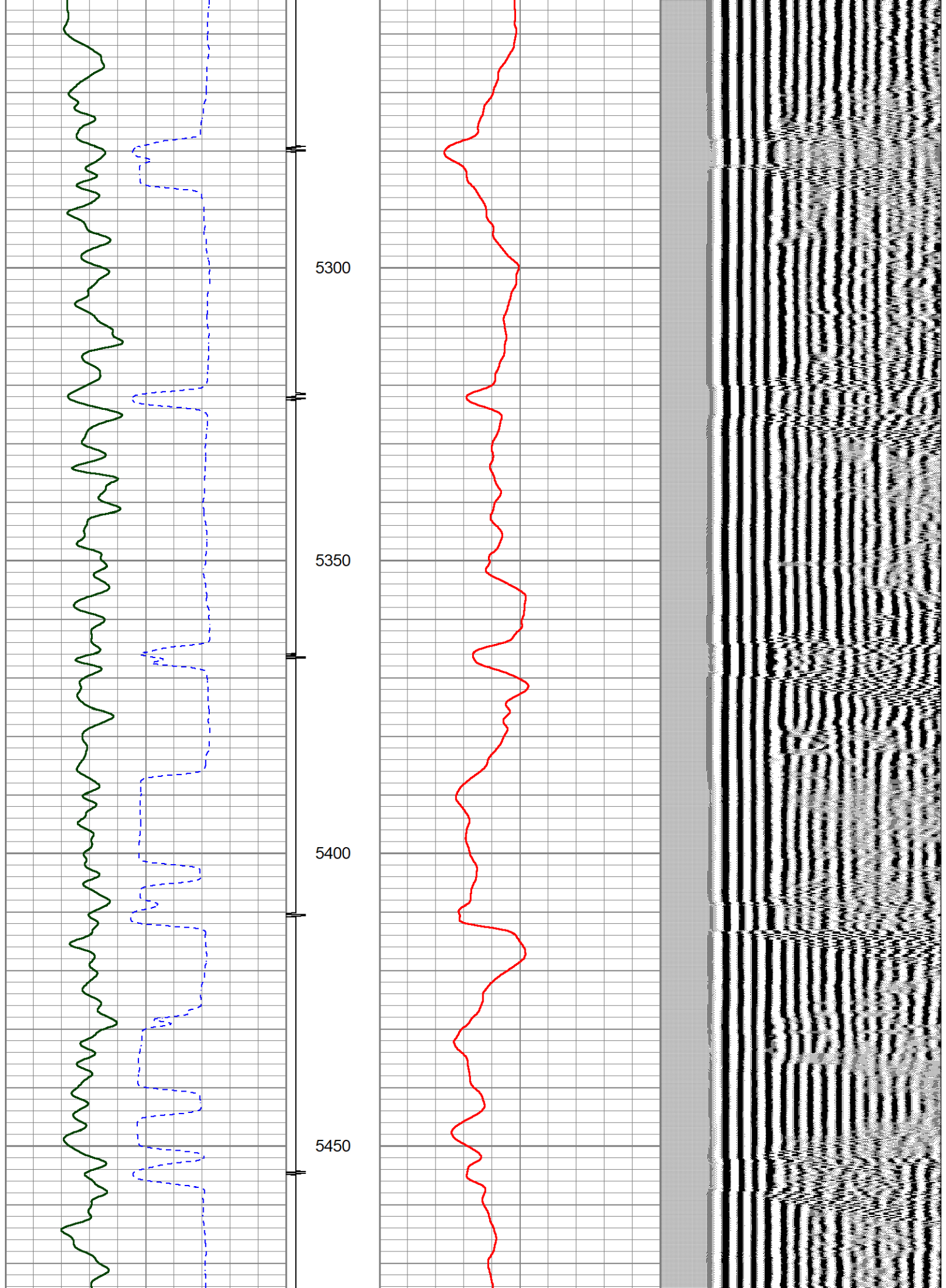


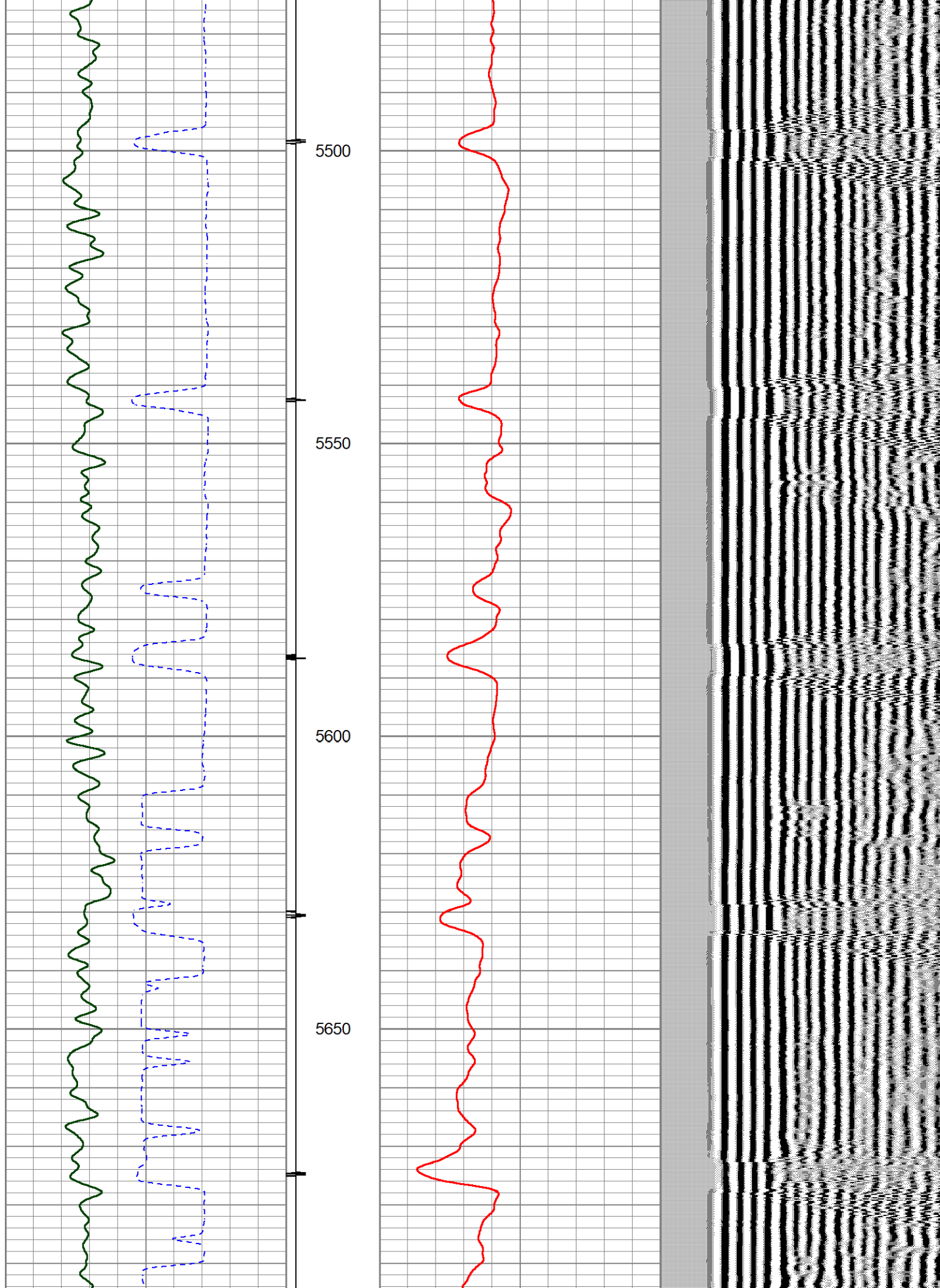


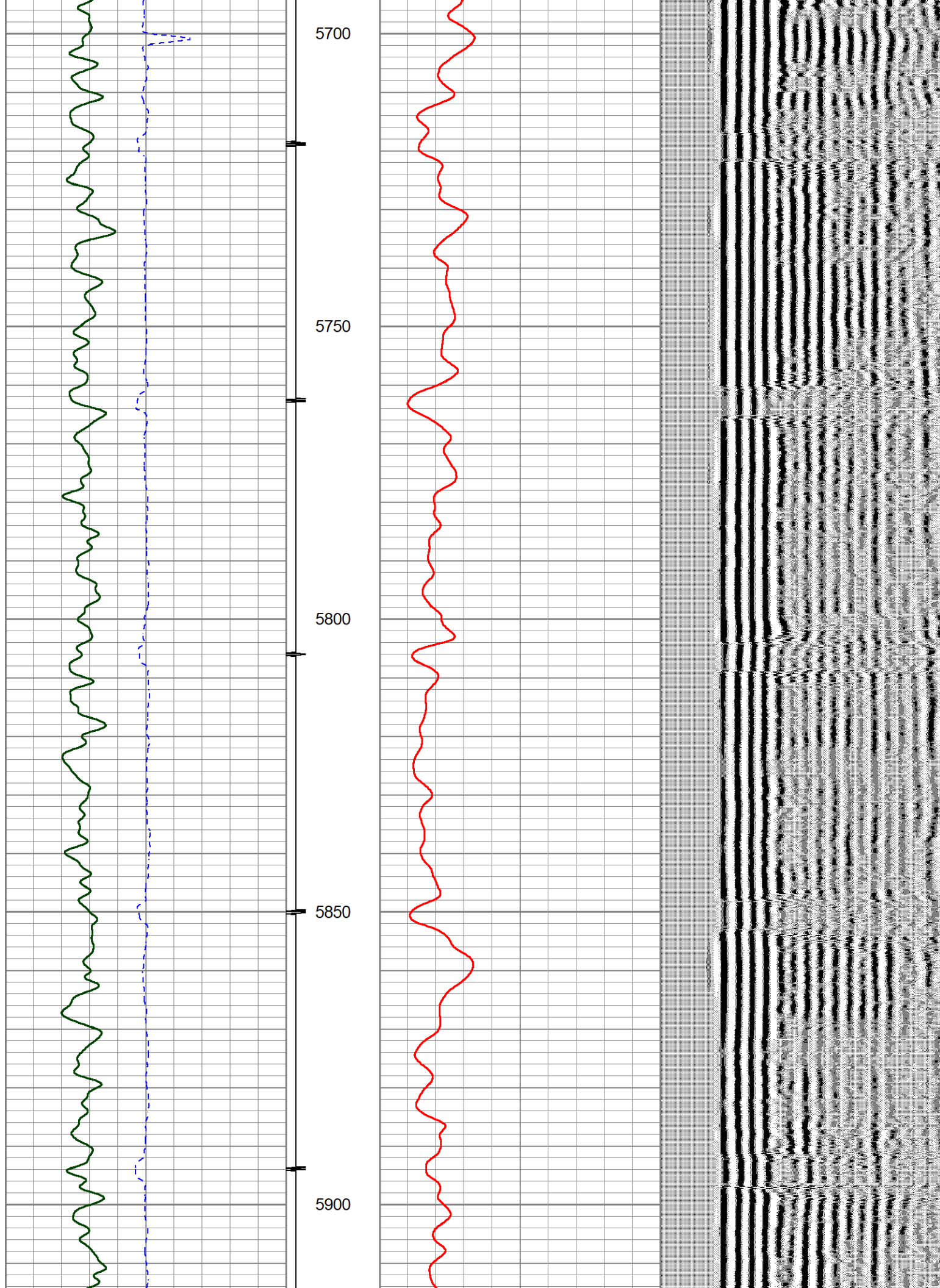


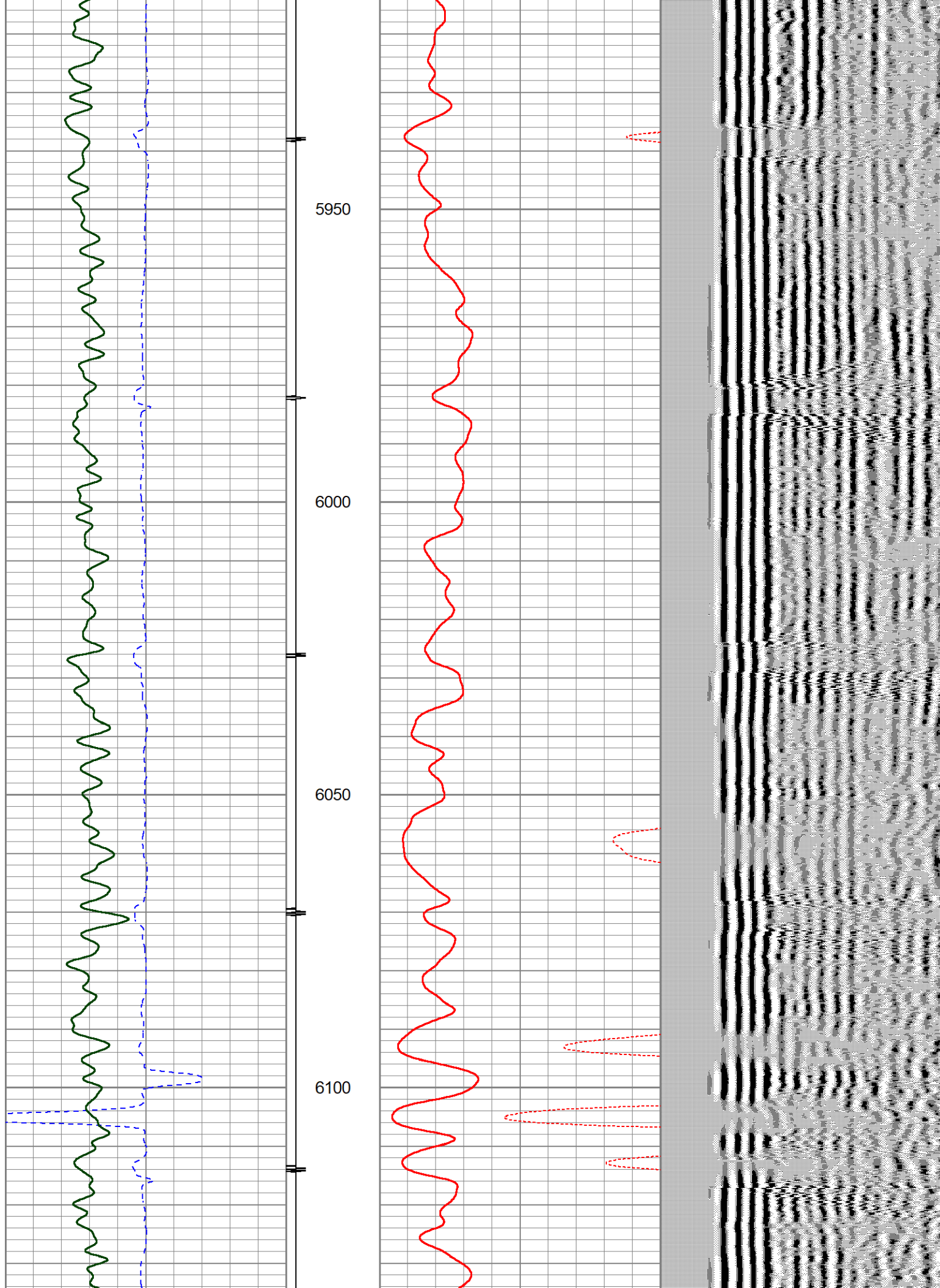


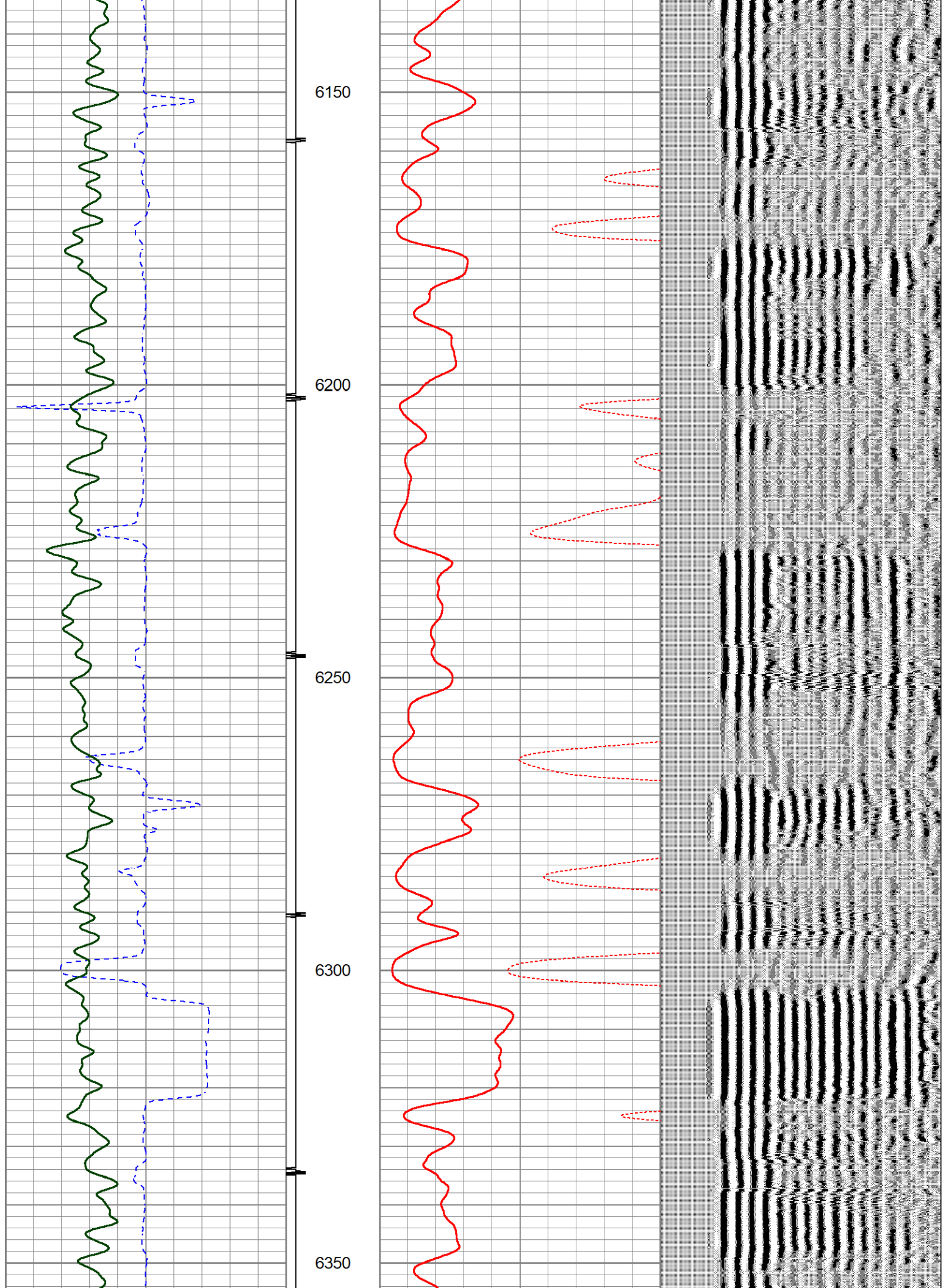


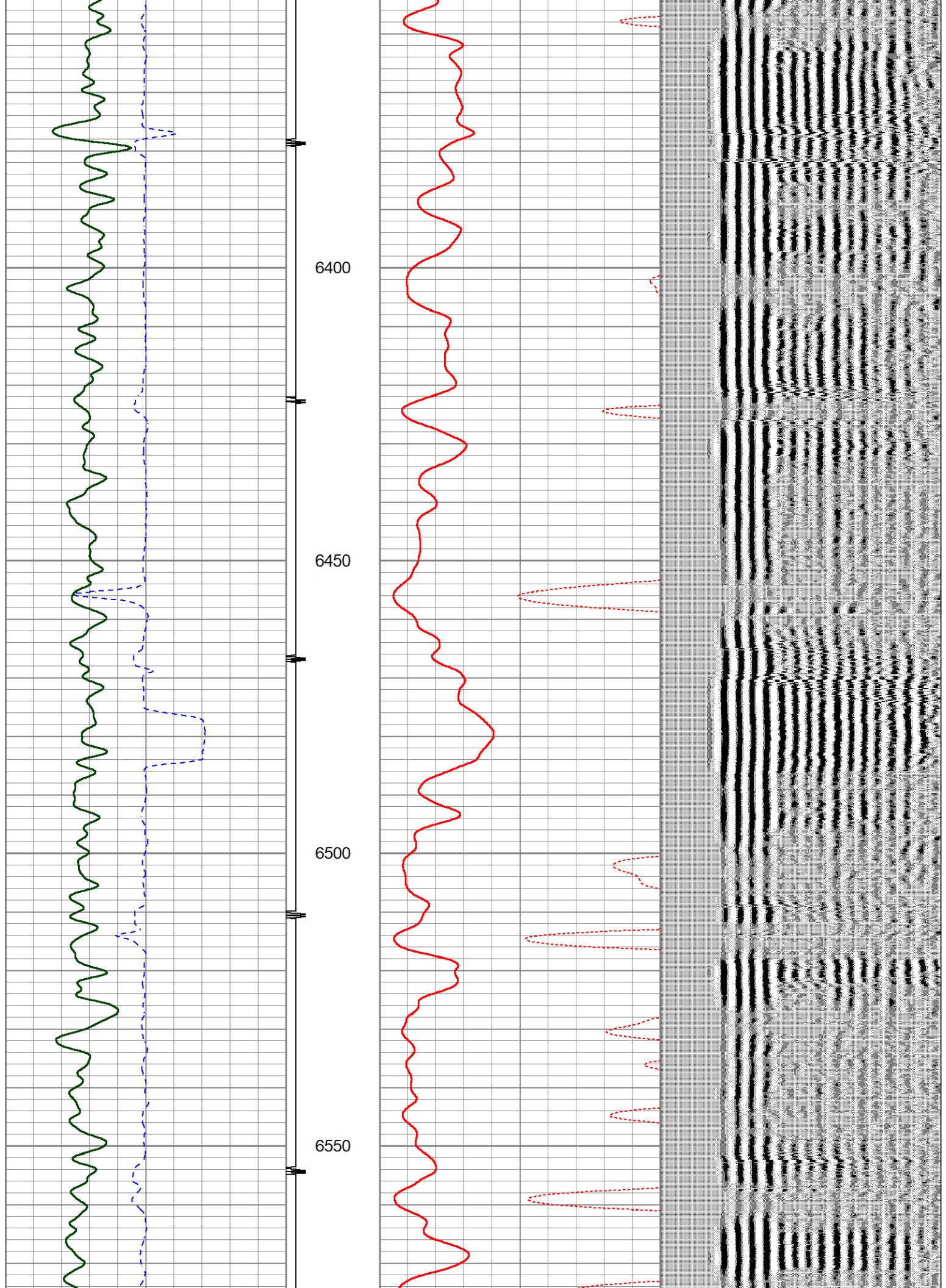


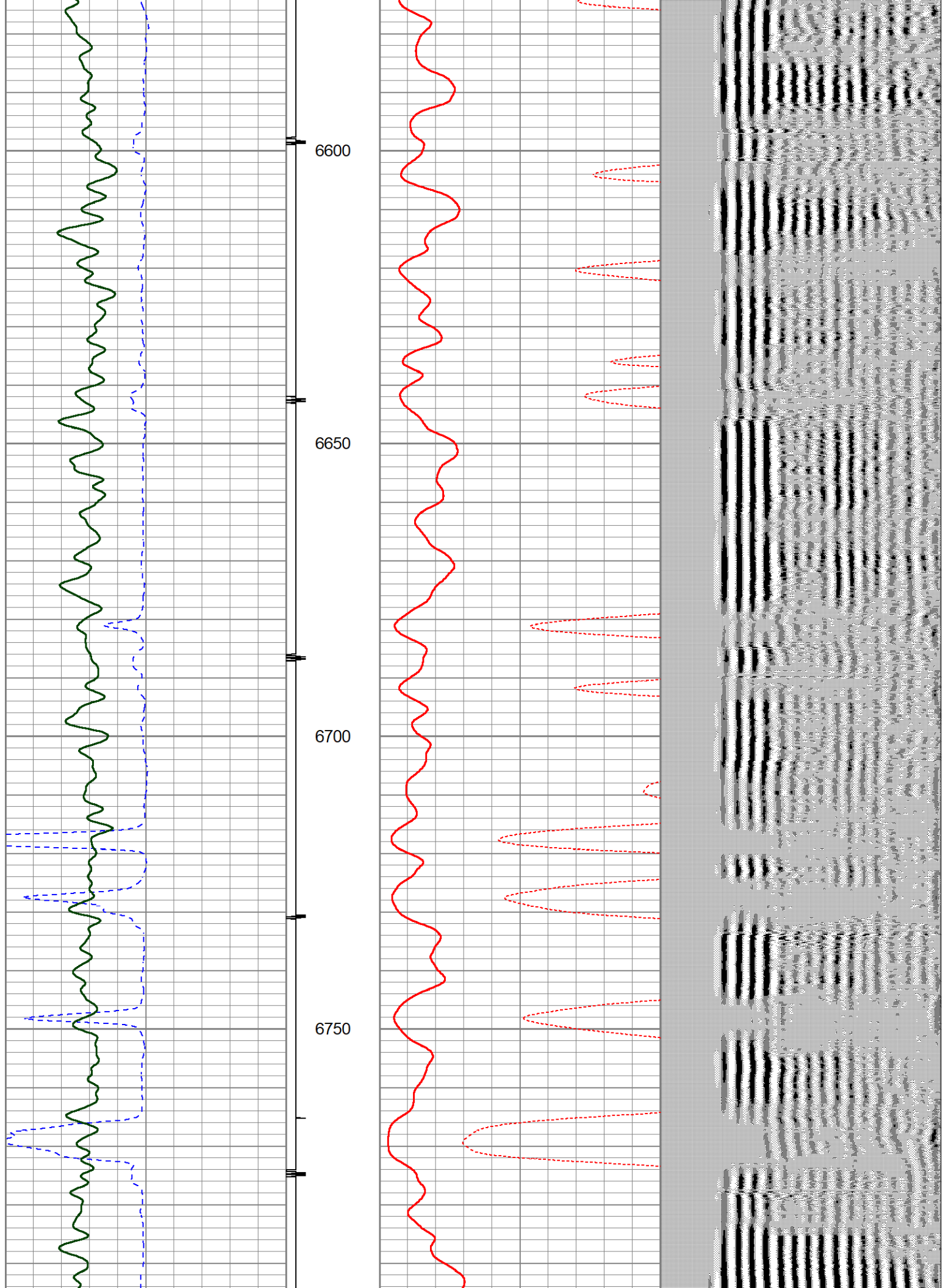


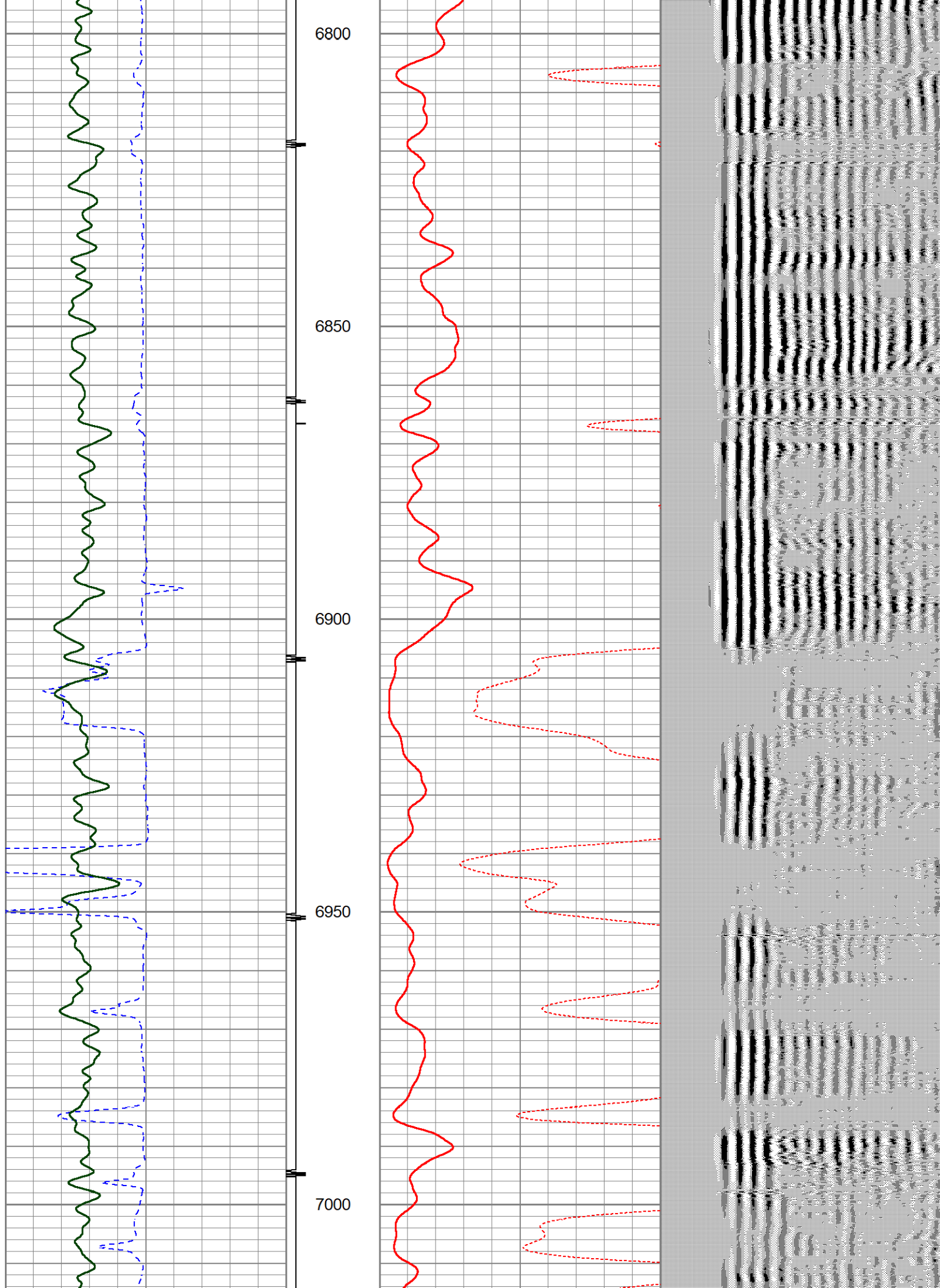


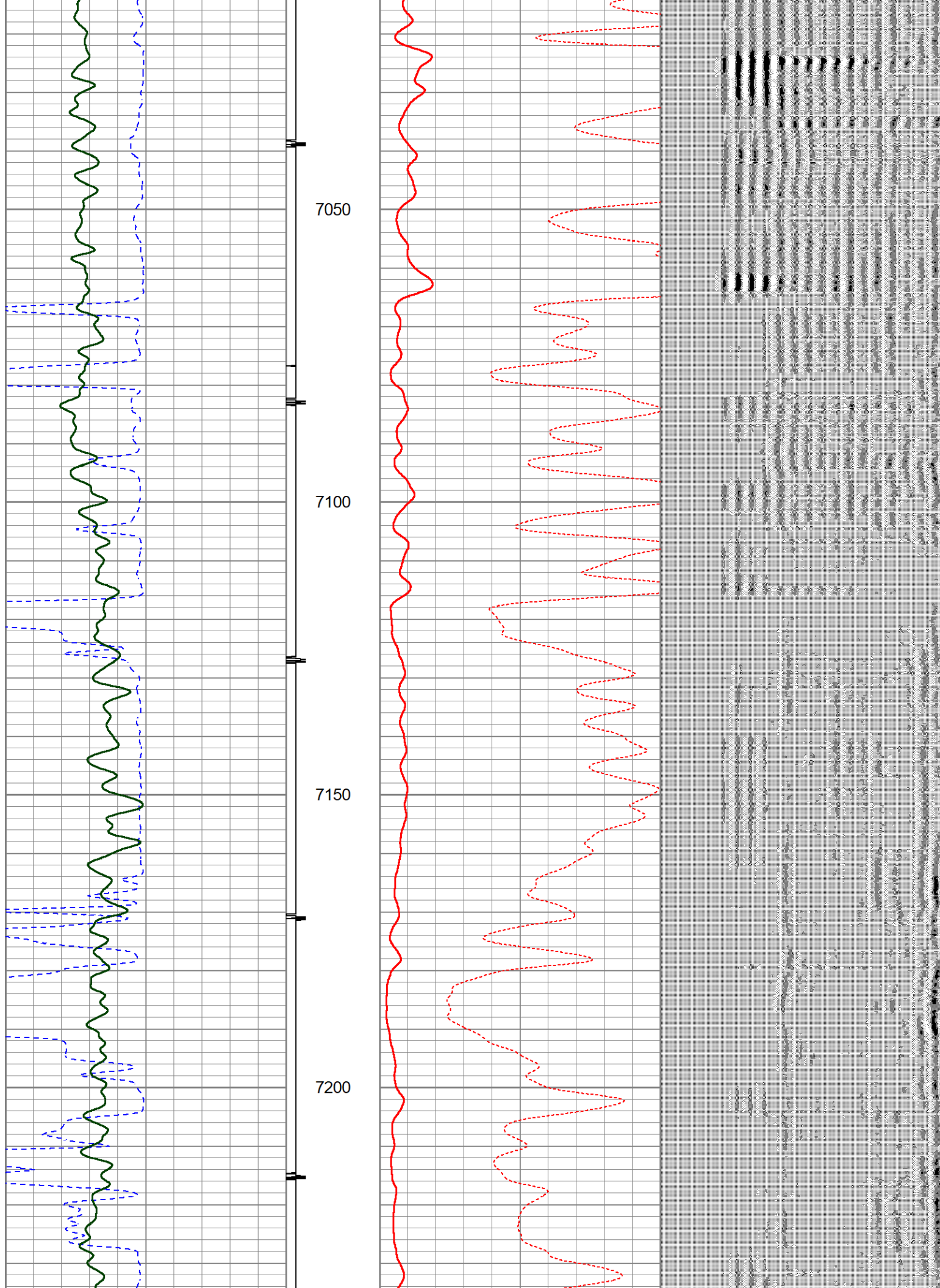


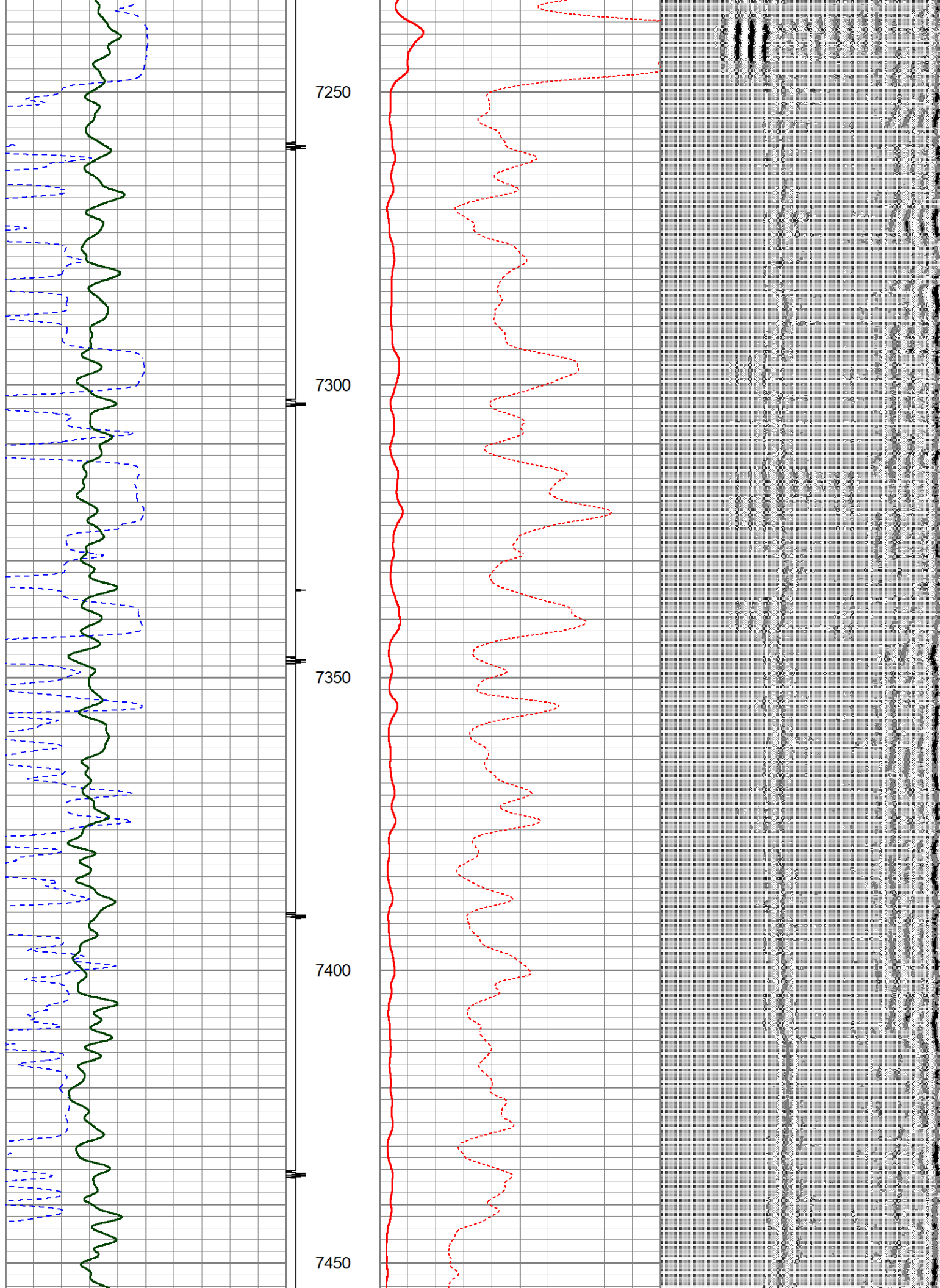


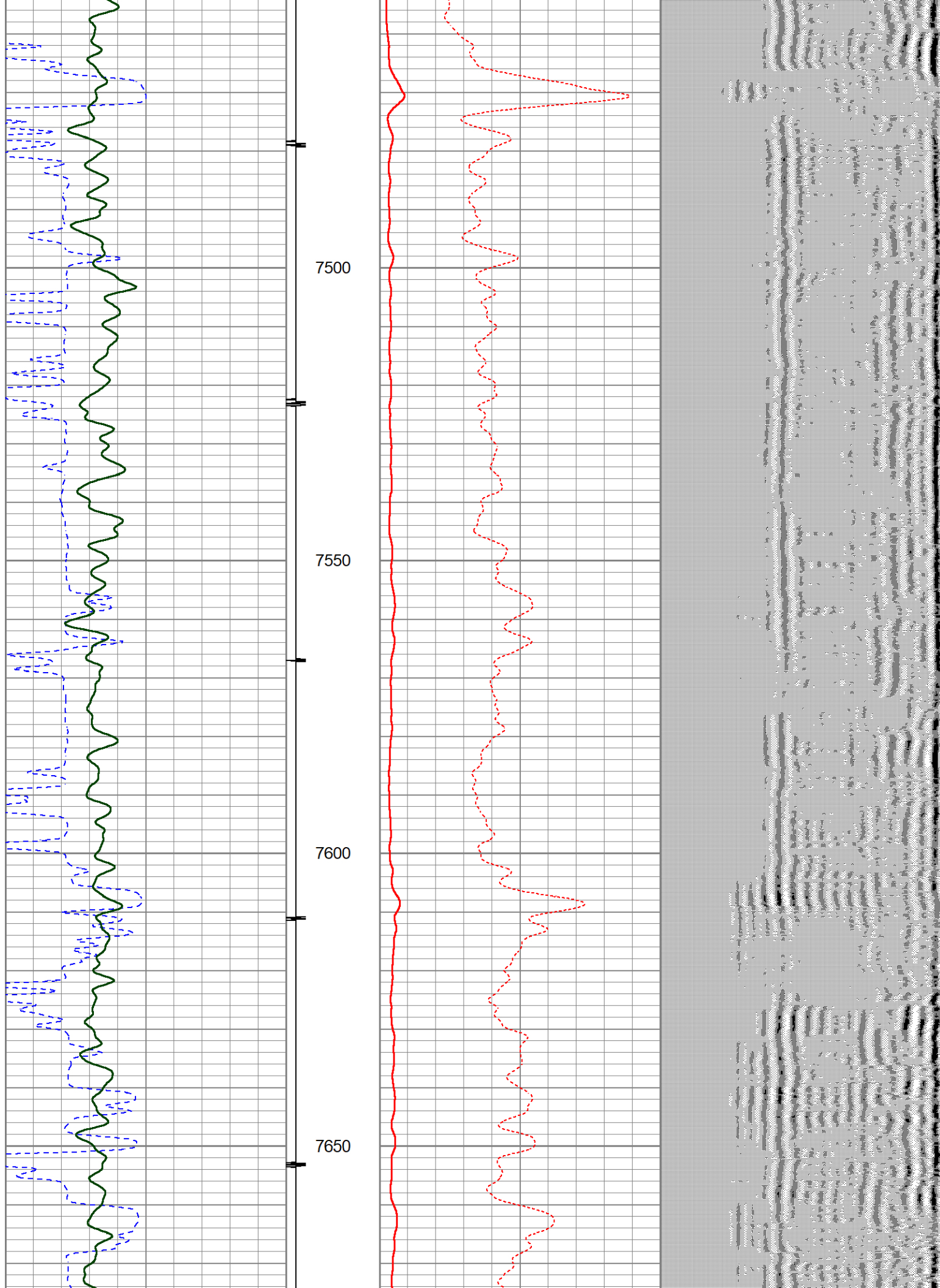


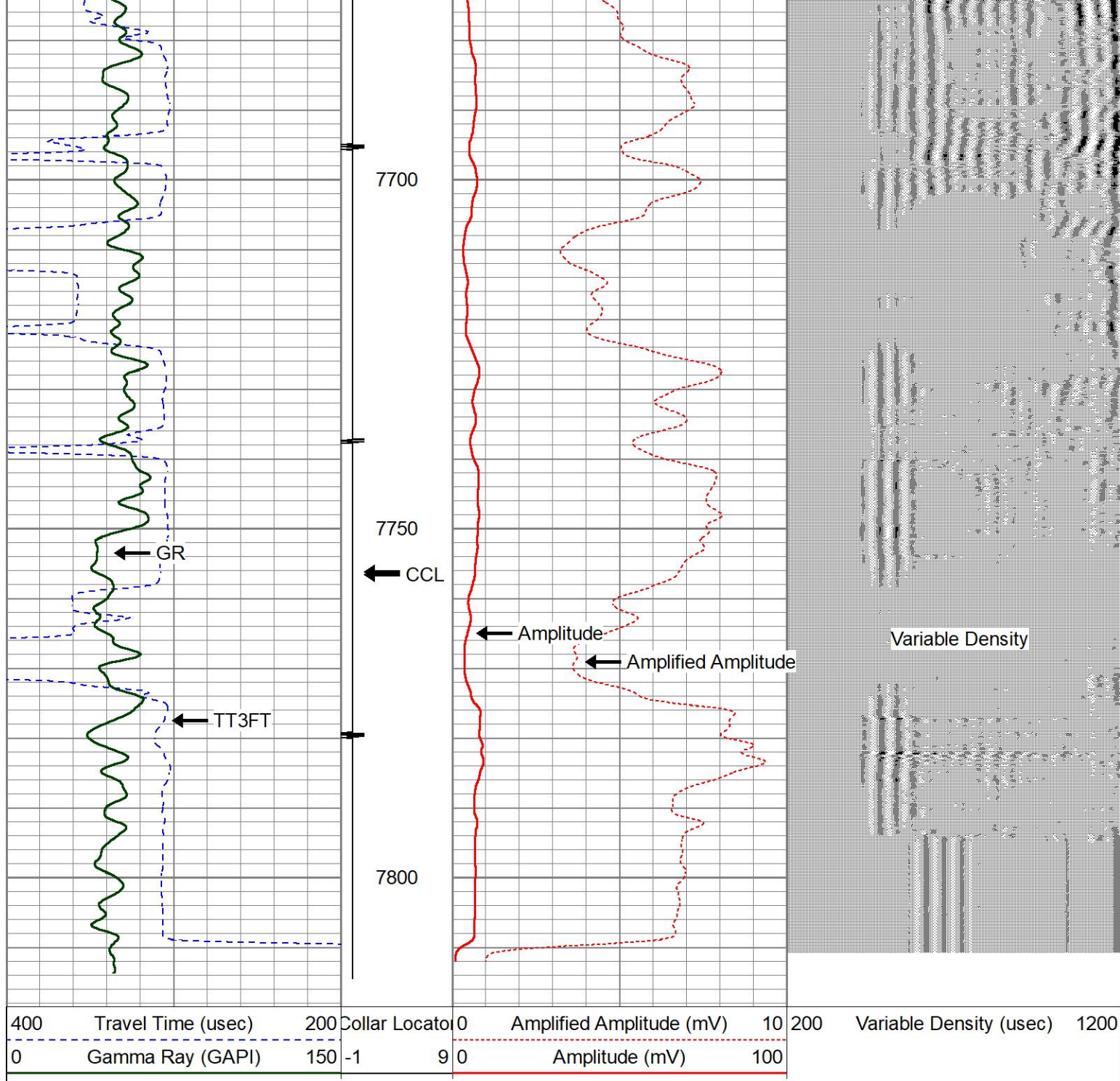






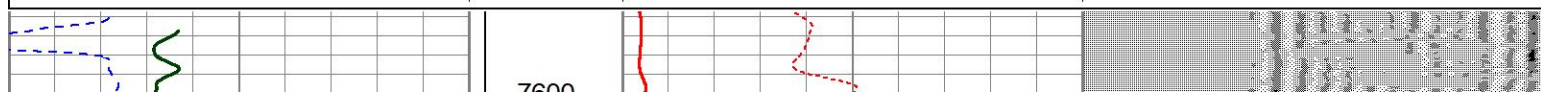
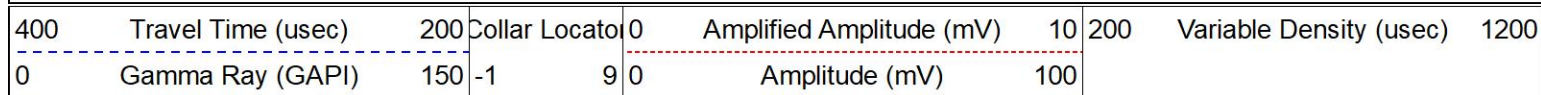


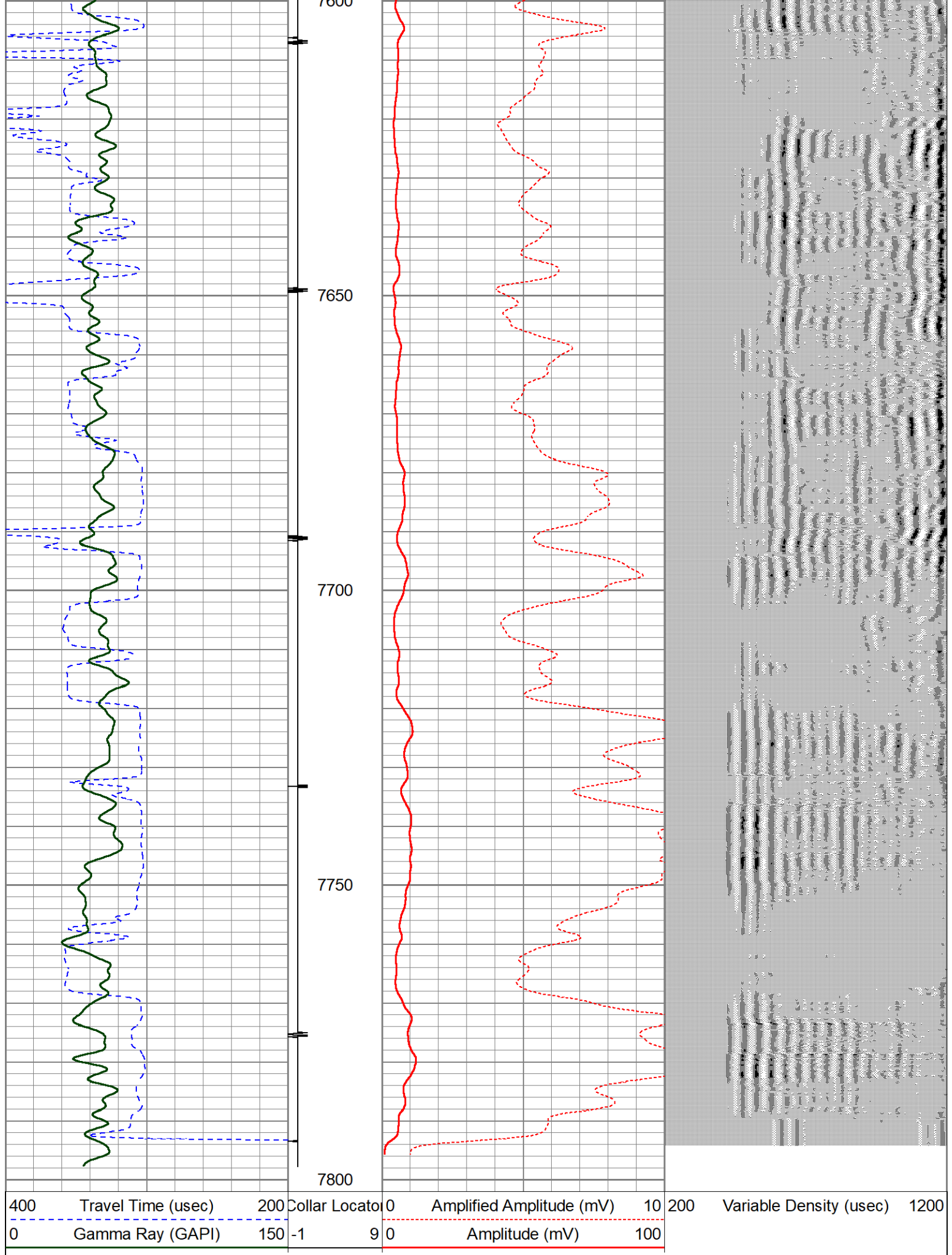




REPEAT PASS

Database File: brozovich_ma_8-16j_cbl.db
 Dataset Pathname: pass2
 Presentation Format: cbl01
 Dataset Creation: Wed Oct 09 08:47:27 2019
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File brozovich_ma_8-16j_cbl.db
 Dataset Pathname pass6
 Dataset Creation Wed Oct 09 10:04:21 2019

Gamma Ray Calibration Report

Serial Number: FW1211-86
 Tool Model: Probe
 Performed: Mon Feb 03 13:18:32 2014

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.8000 GAPI/cps

Cement Bond Calibration Report

Serial Number: 081034
 Tool Model: Probe275Digital

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3577.150 ft

Master Calibration, performed Wed Oct 09 08:31:10 2019:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.496	1.000	71.921	130.850	1.000
5'	0.000	0.423	1.000	71.921	167.784	1.000