



Mesa Wireline

## CEMENT BOND LOG

Company ANTERO RESOURCES CORP.

Well GENRTY B9

Field MAMM CREEK

County GARFIELD State COLORADO

Location: API #: 05-045-15585-0000

SHL: 2011' FNL & 1690' FWL

SEC: 17 TWP: 6S RGE: 92W

Permanent Datum GROUND LEVEL Elevation 5625'  
Log Measured From KELLY BUSHING = 24FT  
Drilling Measured From KELLY BUSHING

Other Services  
NONE

Elevation  
K.B. 5649'  
D.F. 5648'  
G.L. 5625'

Date 10 MAY 2012

Run Number ONE

Depth Driller 8115'

Depth Logger 8014'

Bottom Logged Interval 8014'

Top Log Interval SURFACE

Open Hole Size 7.875"

Type Fluid WATER

Density / Viscosity ~8.34 LBS/GAL

Max. Recorded Temp. 235 DEG F

Estimated Cement Top 1780'

Time Well Ready N/A

Time Logger on Bottom 1130

Equipment Number ST0302

Location GRAND JUNCTION

Recorded By M.BERNATCHEZ

Witnessed By T.SPAULDING

Run Number ONE Bit 24" From SURFACE To 60' Size 60' Weight 1074' From To

TWO 12.25" 60' 1074' 8115'

THREE 7.875" 1074' 8115'

Casing Record Size 8.625" Weight 32# Top SURFACE Bottom 1074'

Prot. String 4.5" 11.6# SURFACE 8115'

Production String 4.5" 11.6# SURFACE 8115'

Liner 4.5" 11.6# SURFACE 8115'

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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 TRIPLE COMBO LOG DATED 5-MAY-2012.  
SHORT JOINT: 5175' - 5198' & 6421' - 6444' & 7618' - 7641'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-04



MAIN LOG PASS

SCALE 5" = 100'

# Mesa Wireline

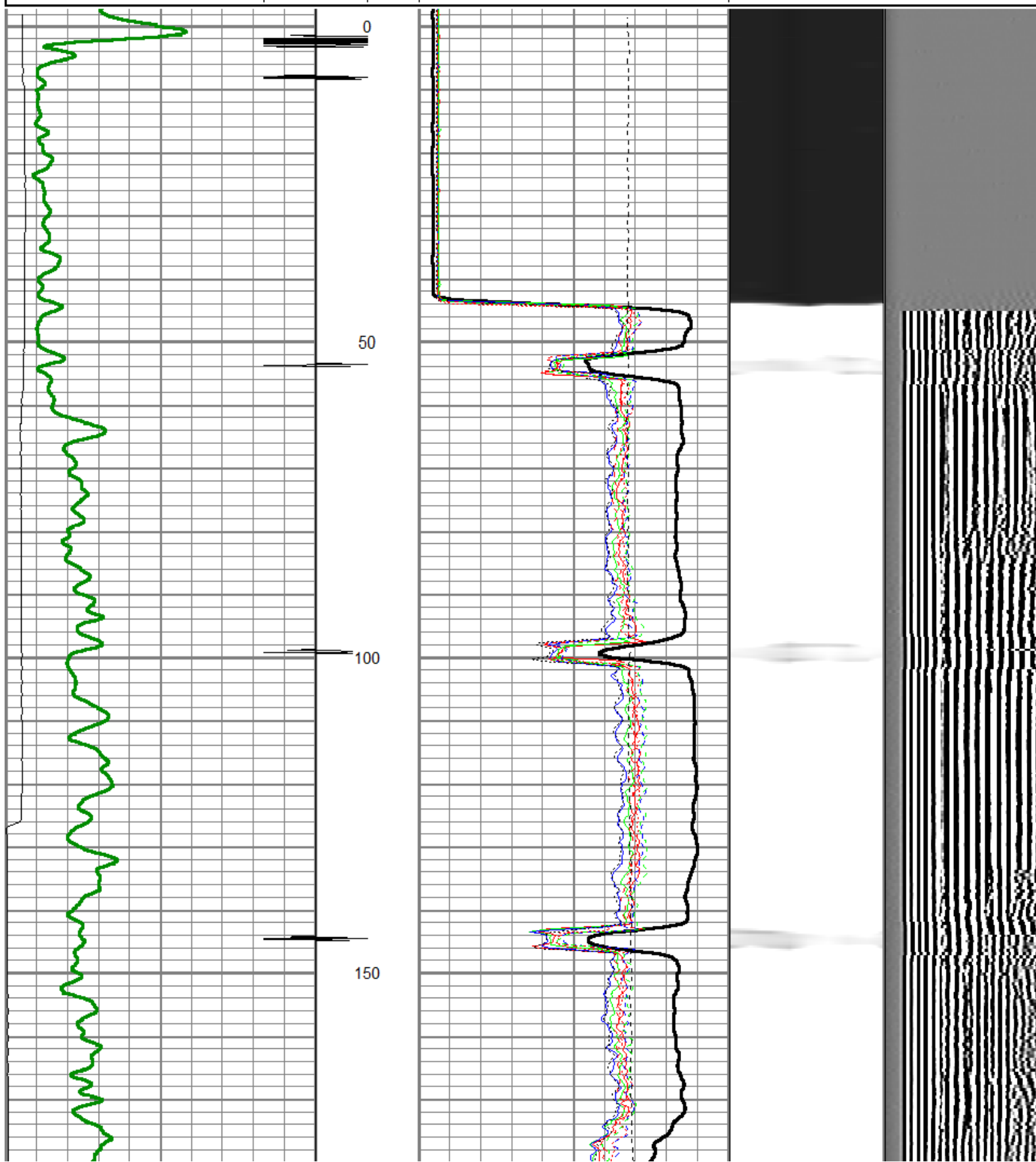
Database File: gentry b9.db  
Dataset Pathname: pass2  
Presentation Format: rbt\_fin  
Dataset Creation: Thu May 10 11:21:47 2012 by Log SCH 110223  
Charted by: Depth in Feet scaled 1:240

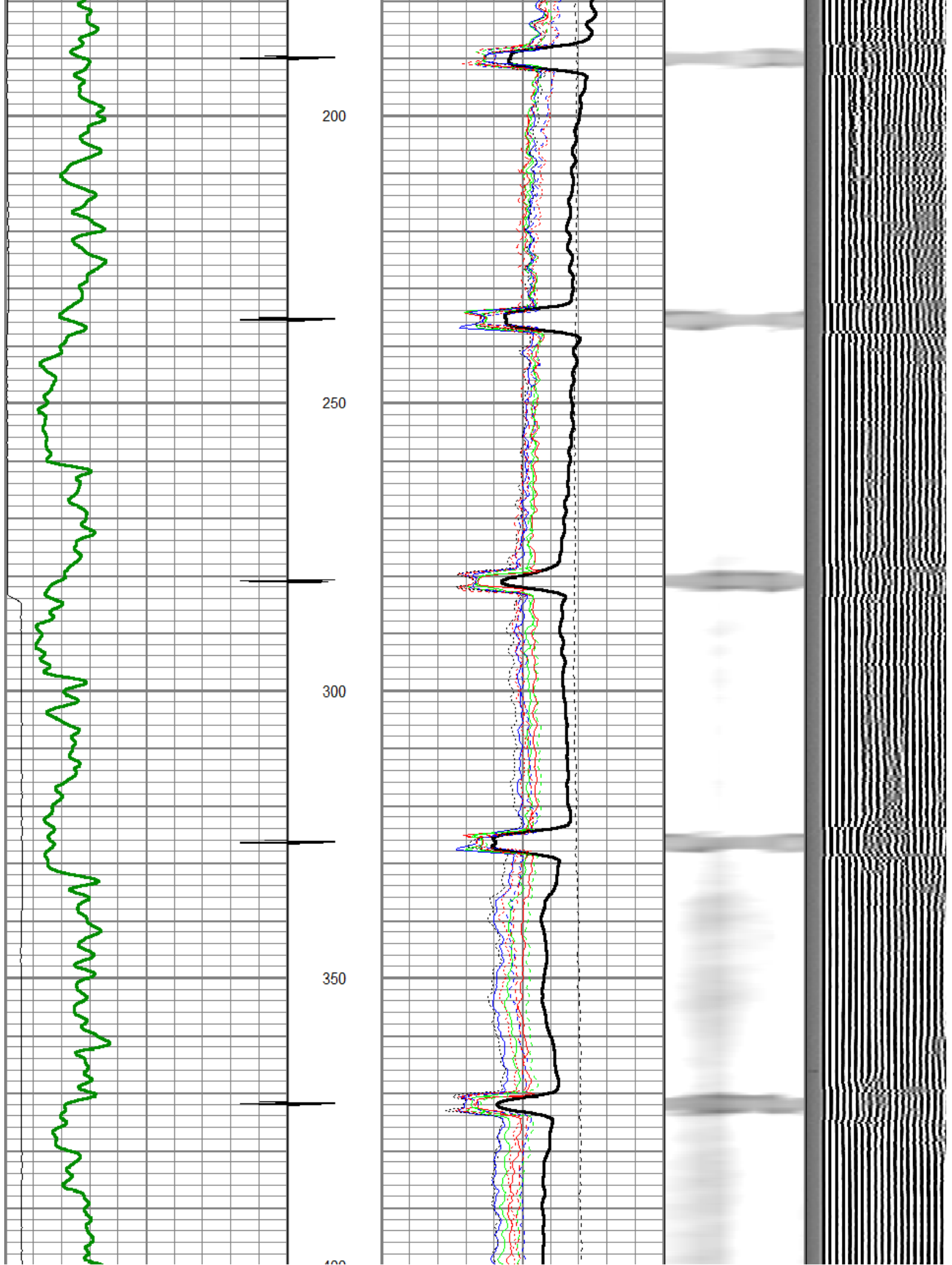
0	LTEN (lb)	4000
0	GR (GAPI)	200

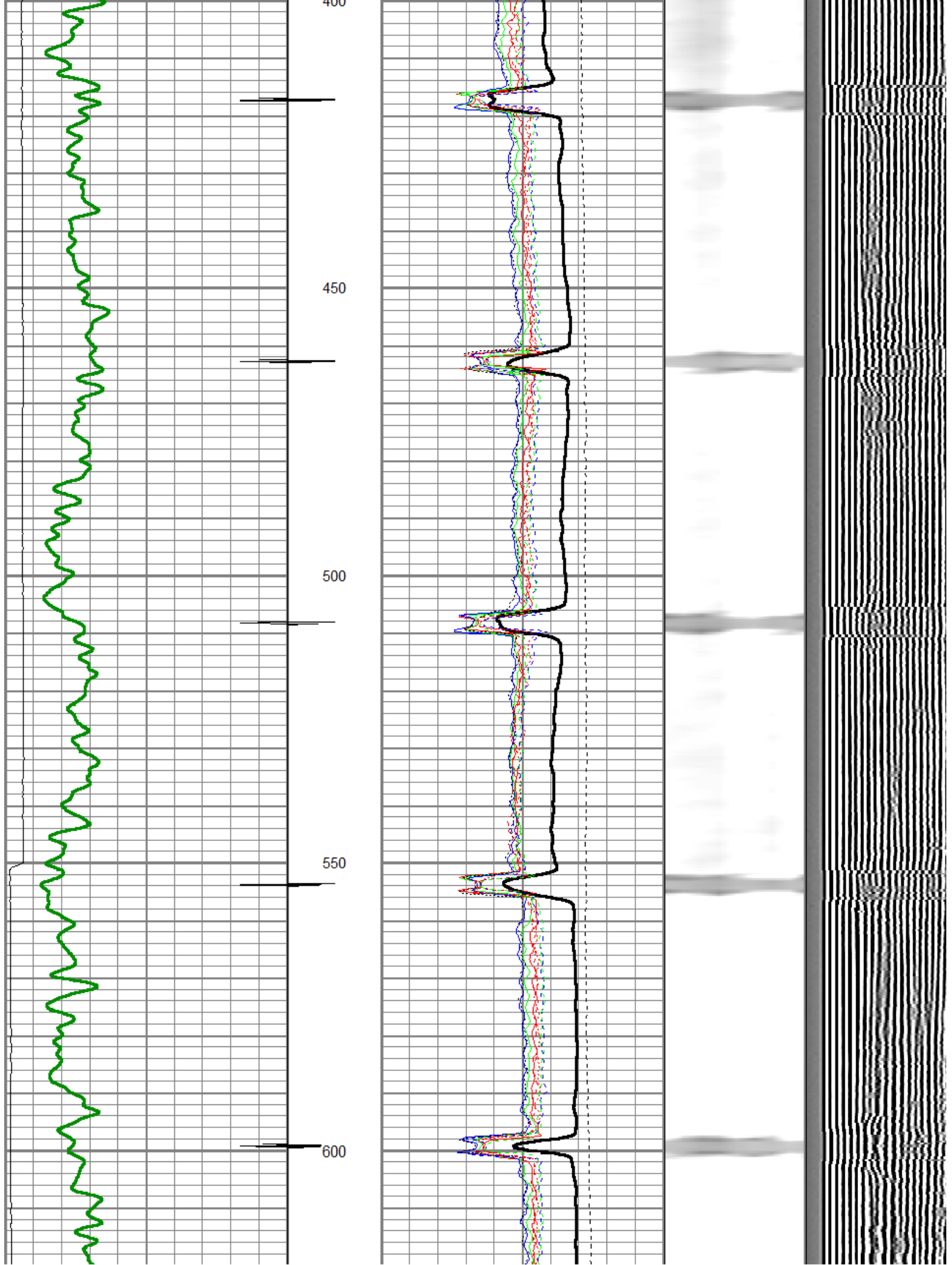
CCL

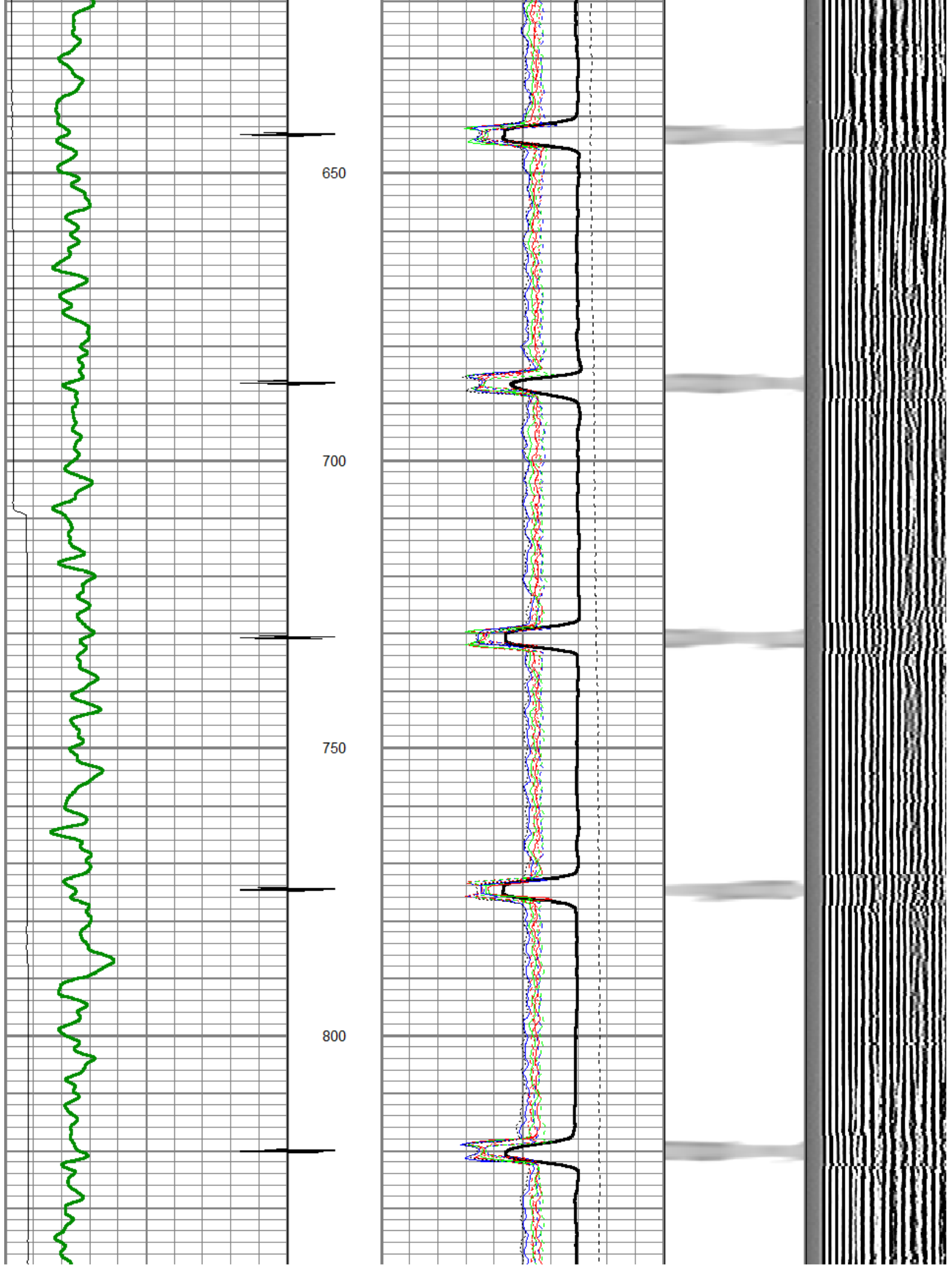
0	Amplitude (mV)	100
0	TT3FT (usec)	170
0	TEMP (degF)	100

1	SECTORS	8	Variable Density
0		70	200 1200

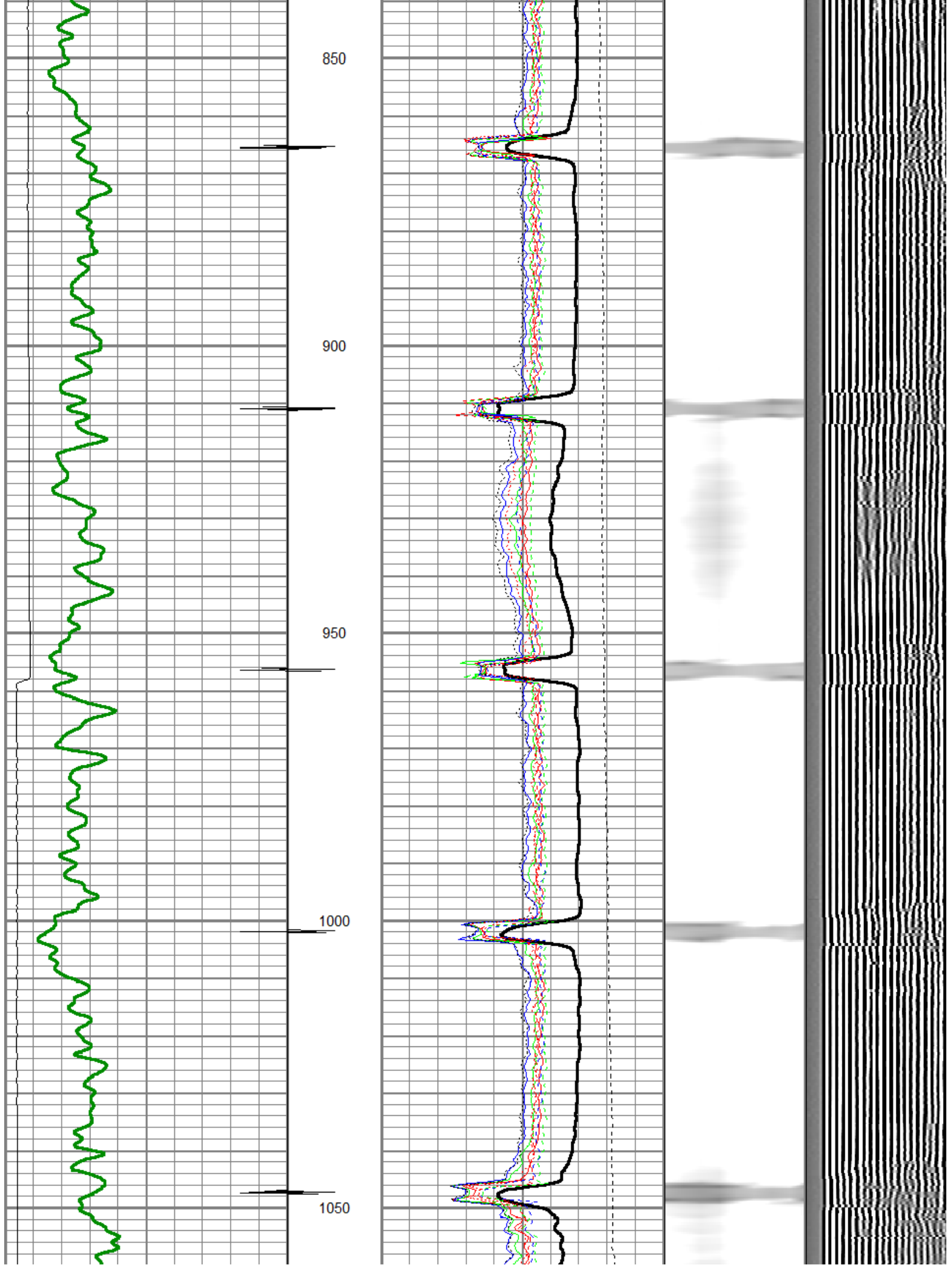


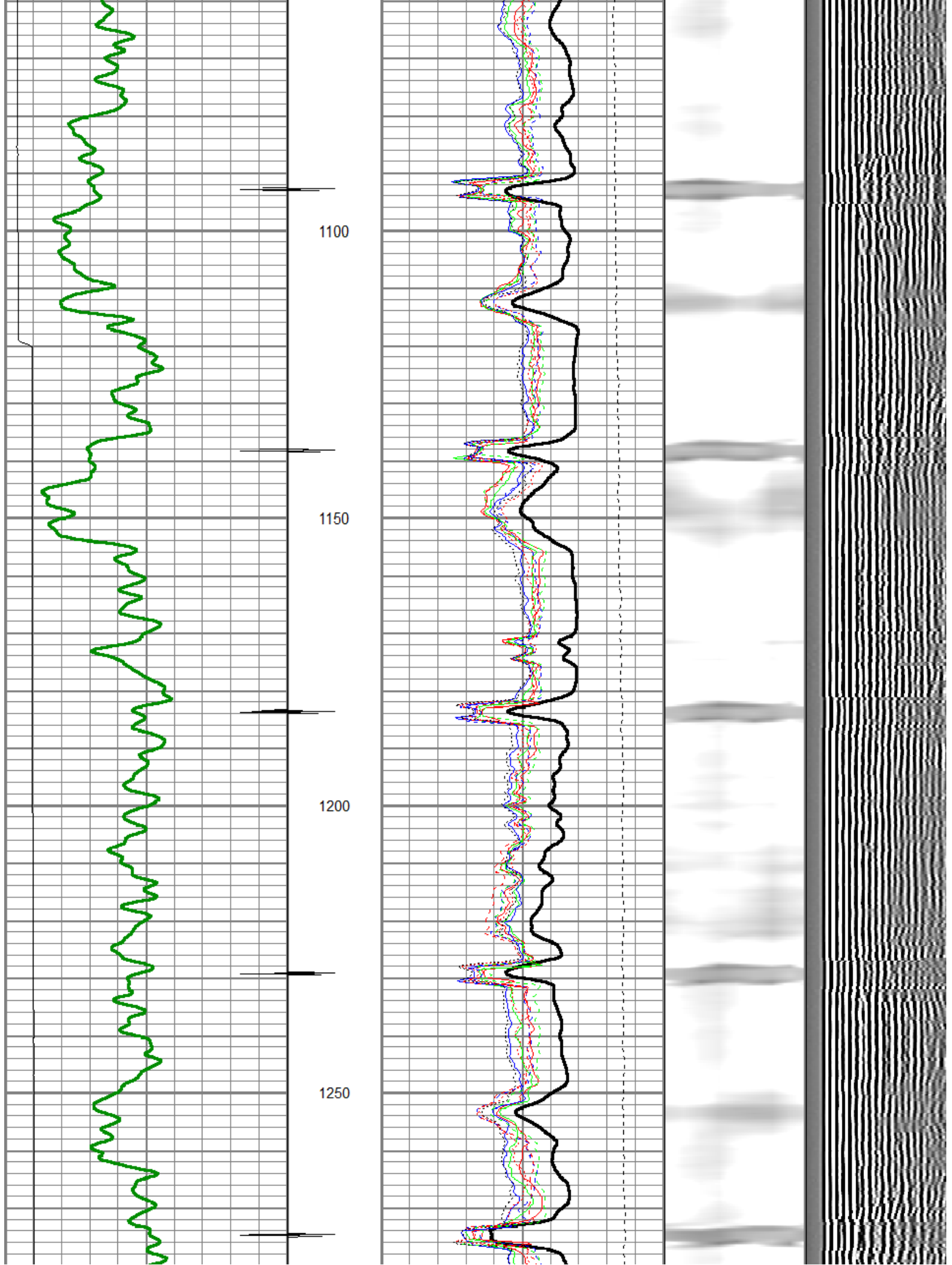


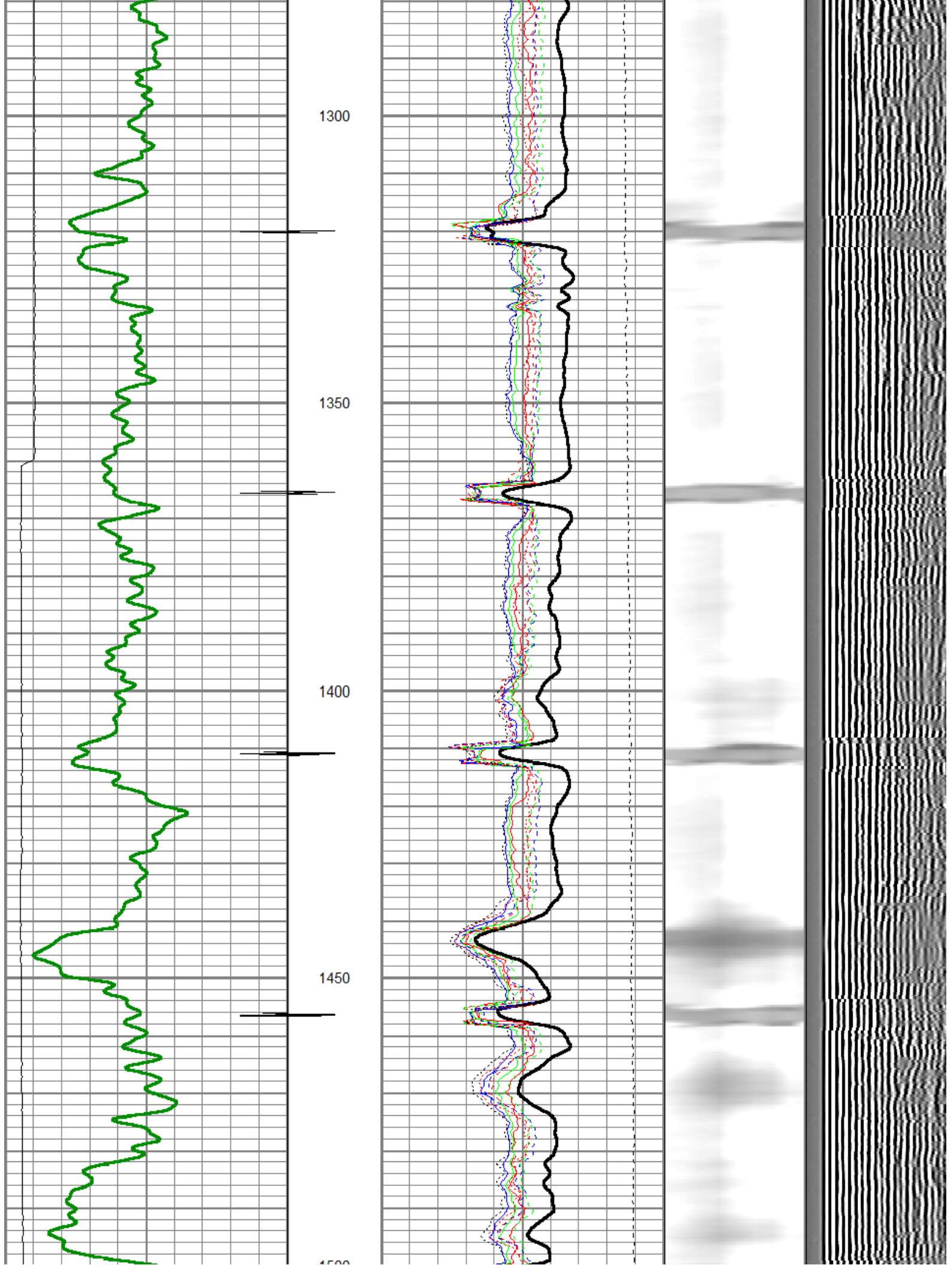




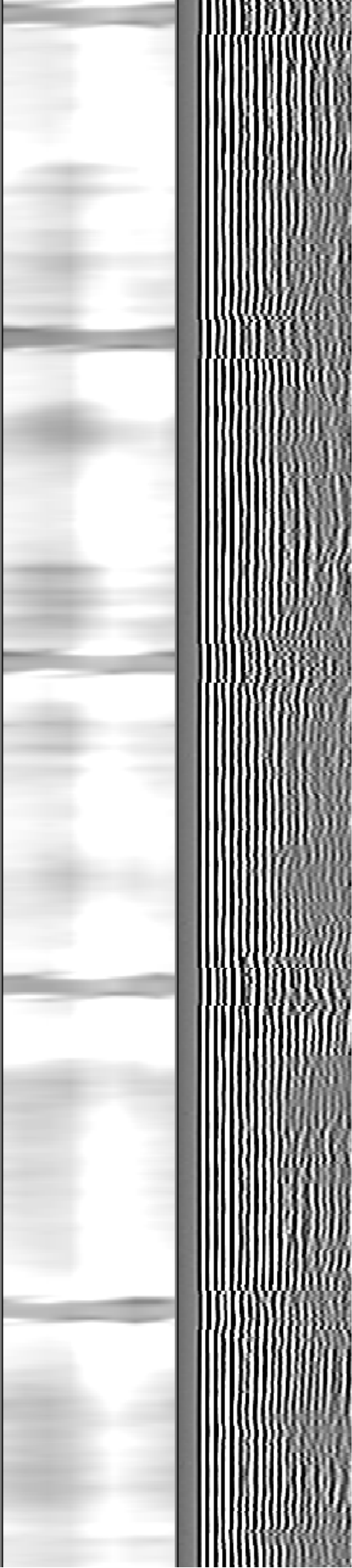
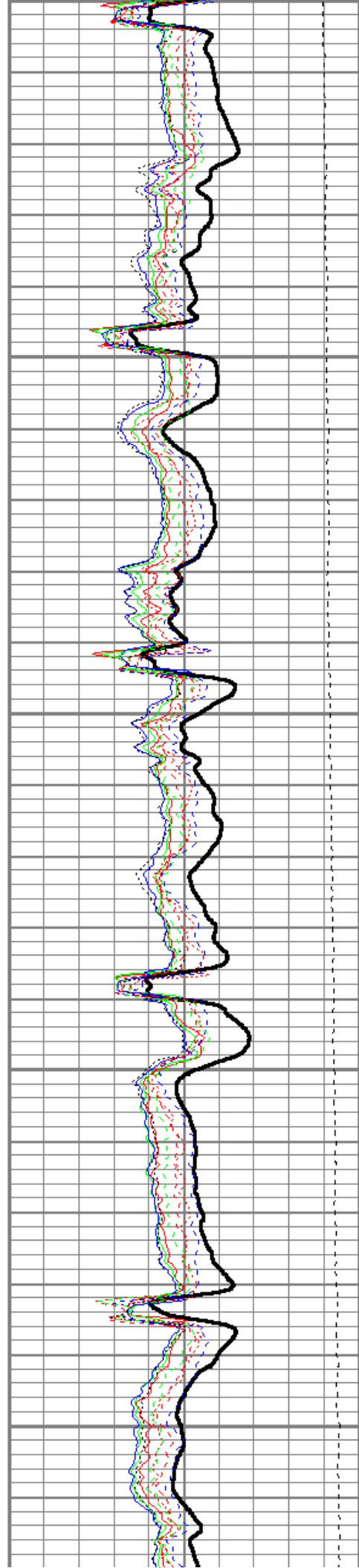
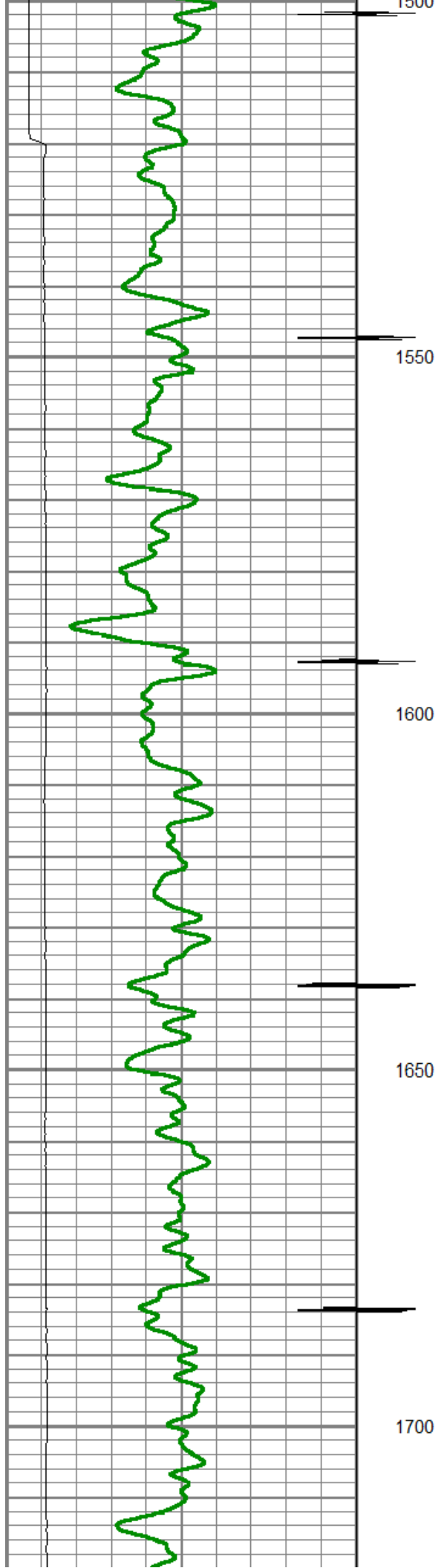


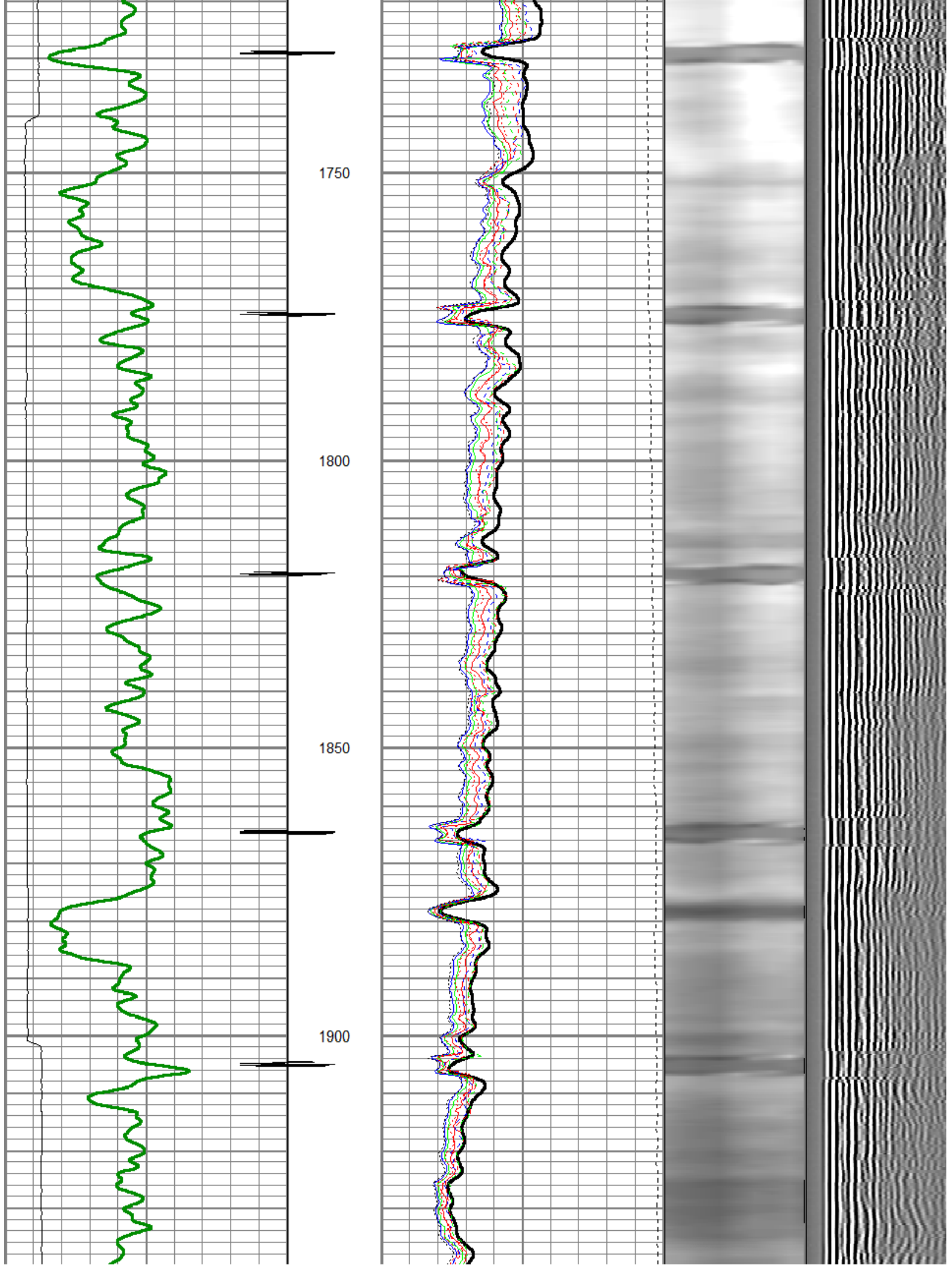


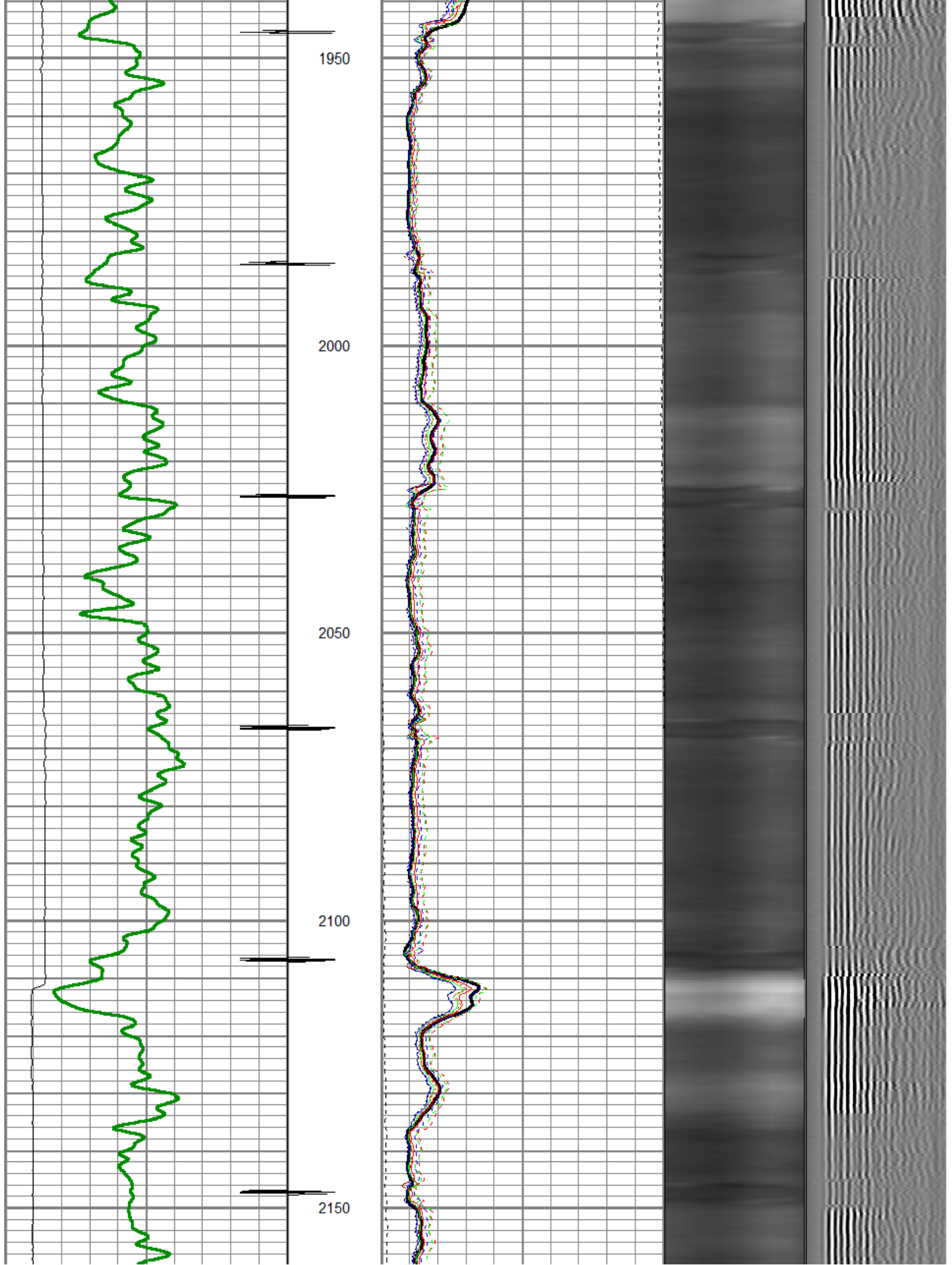


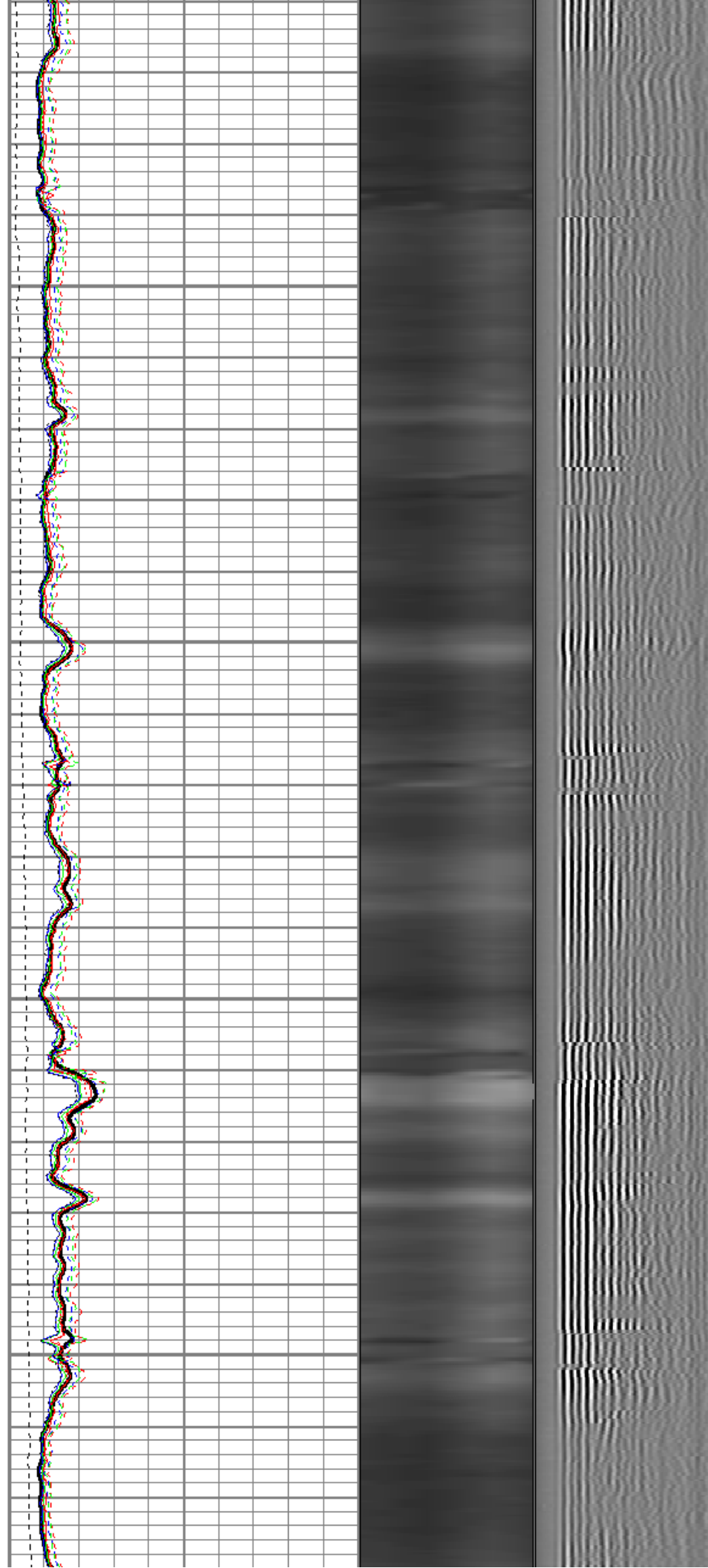
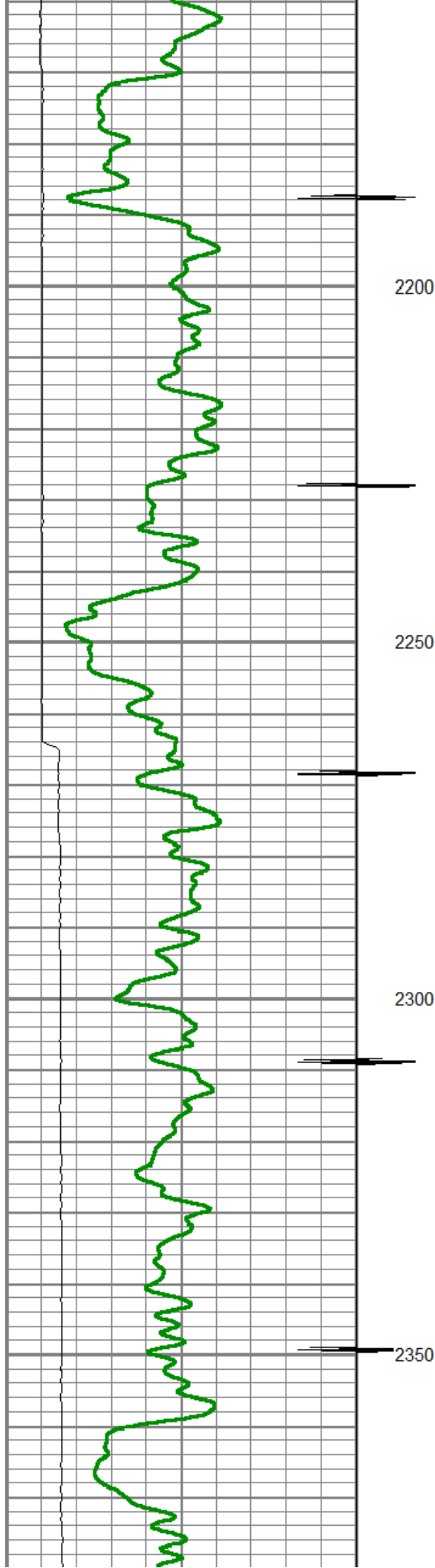


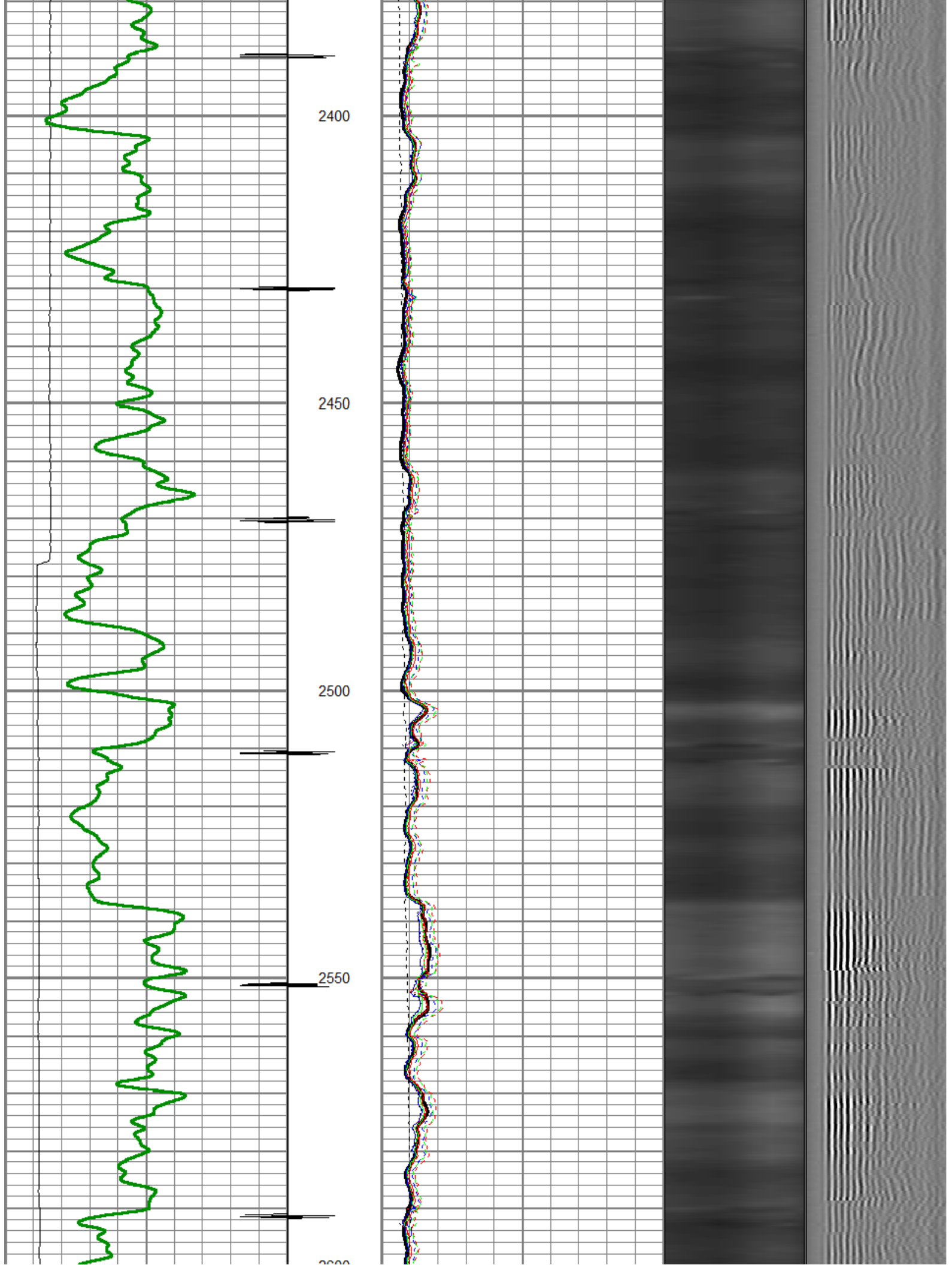




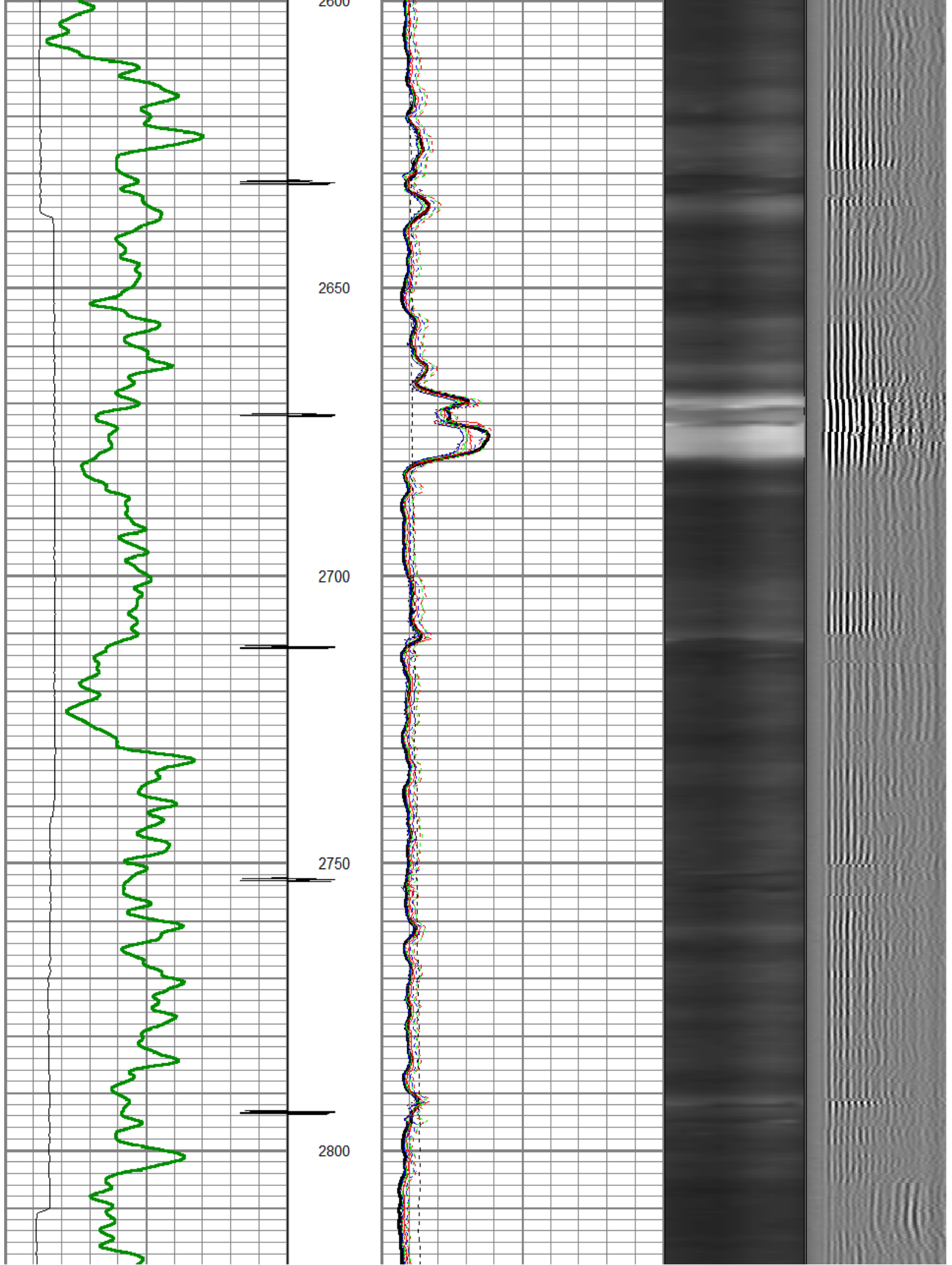


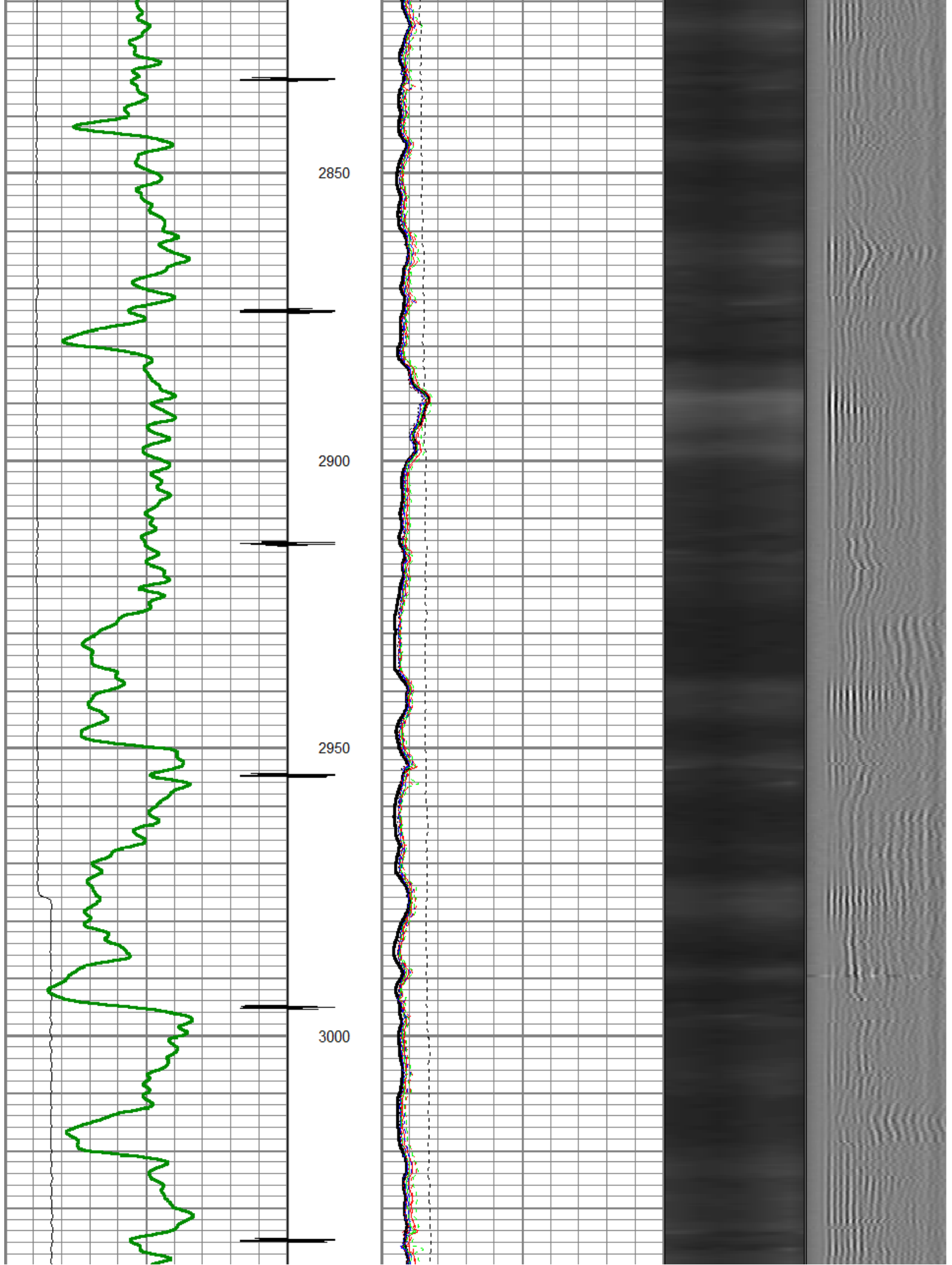


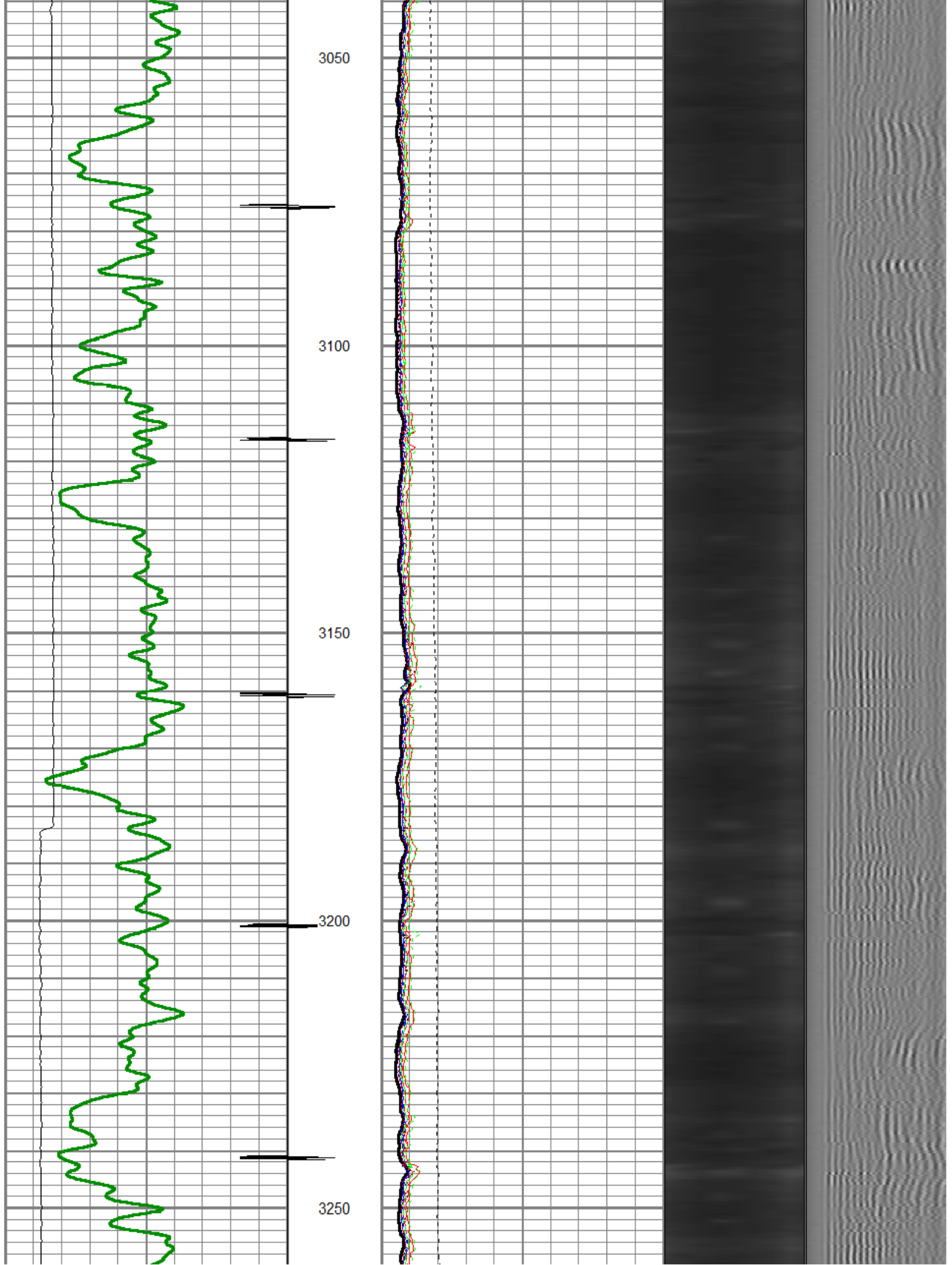


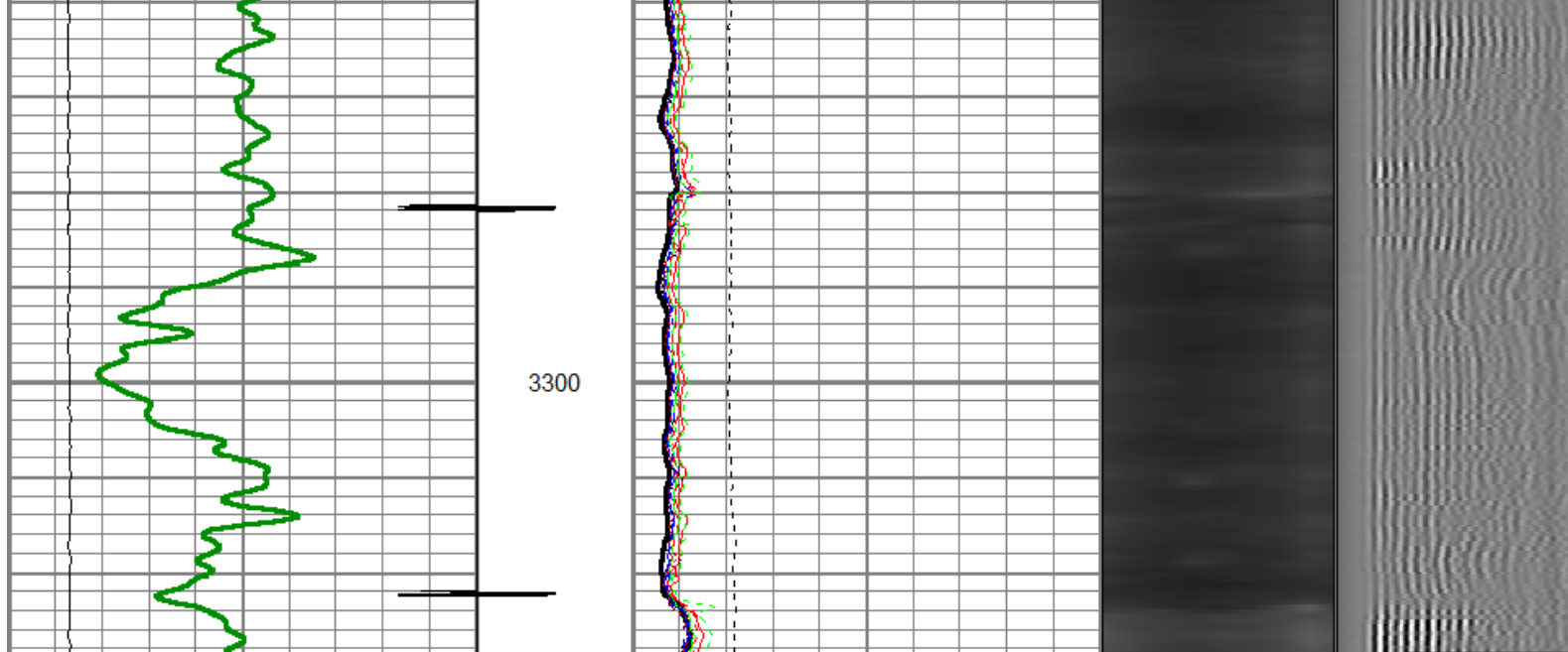


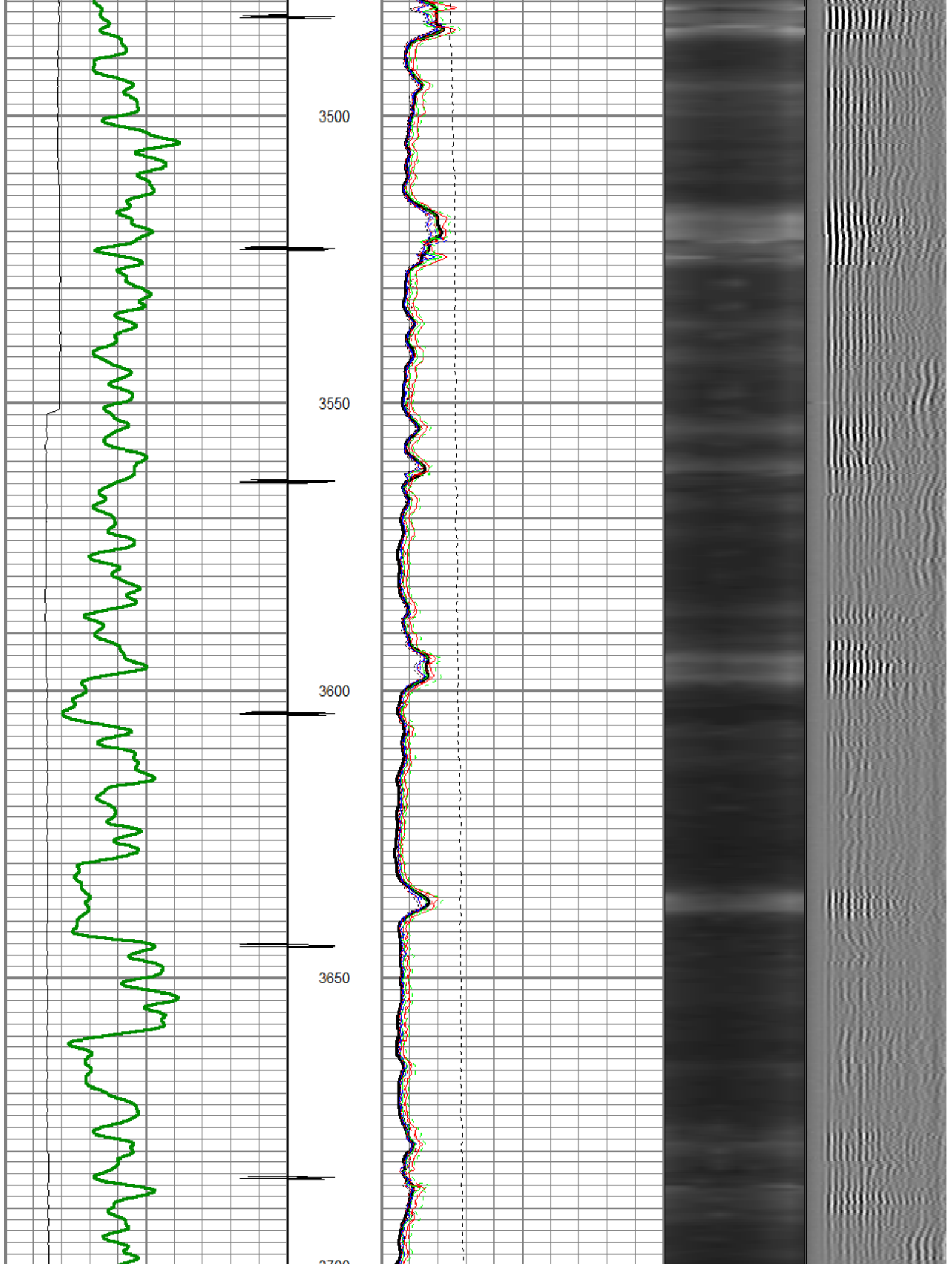




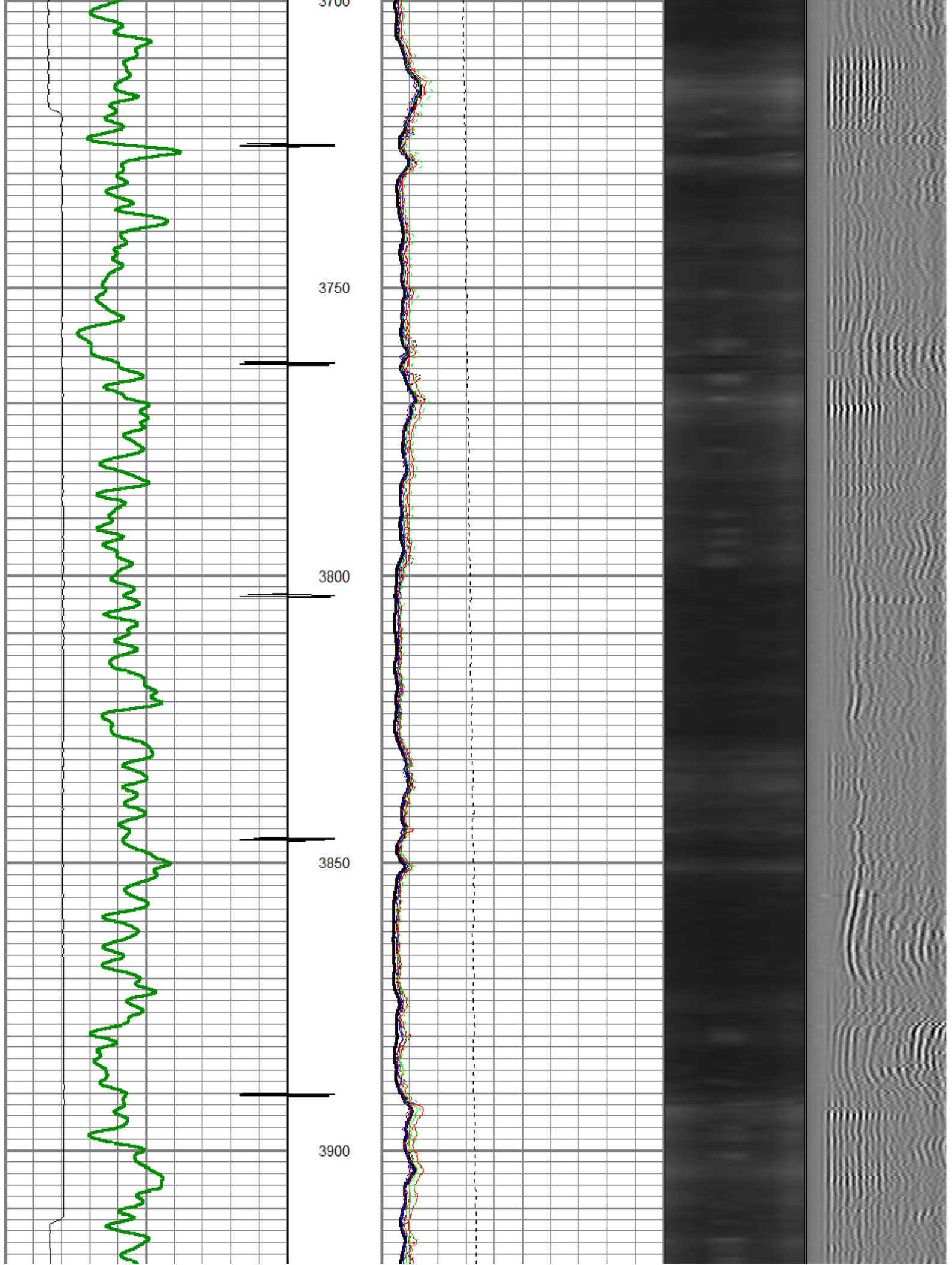


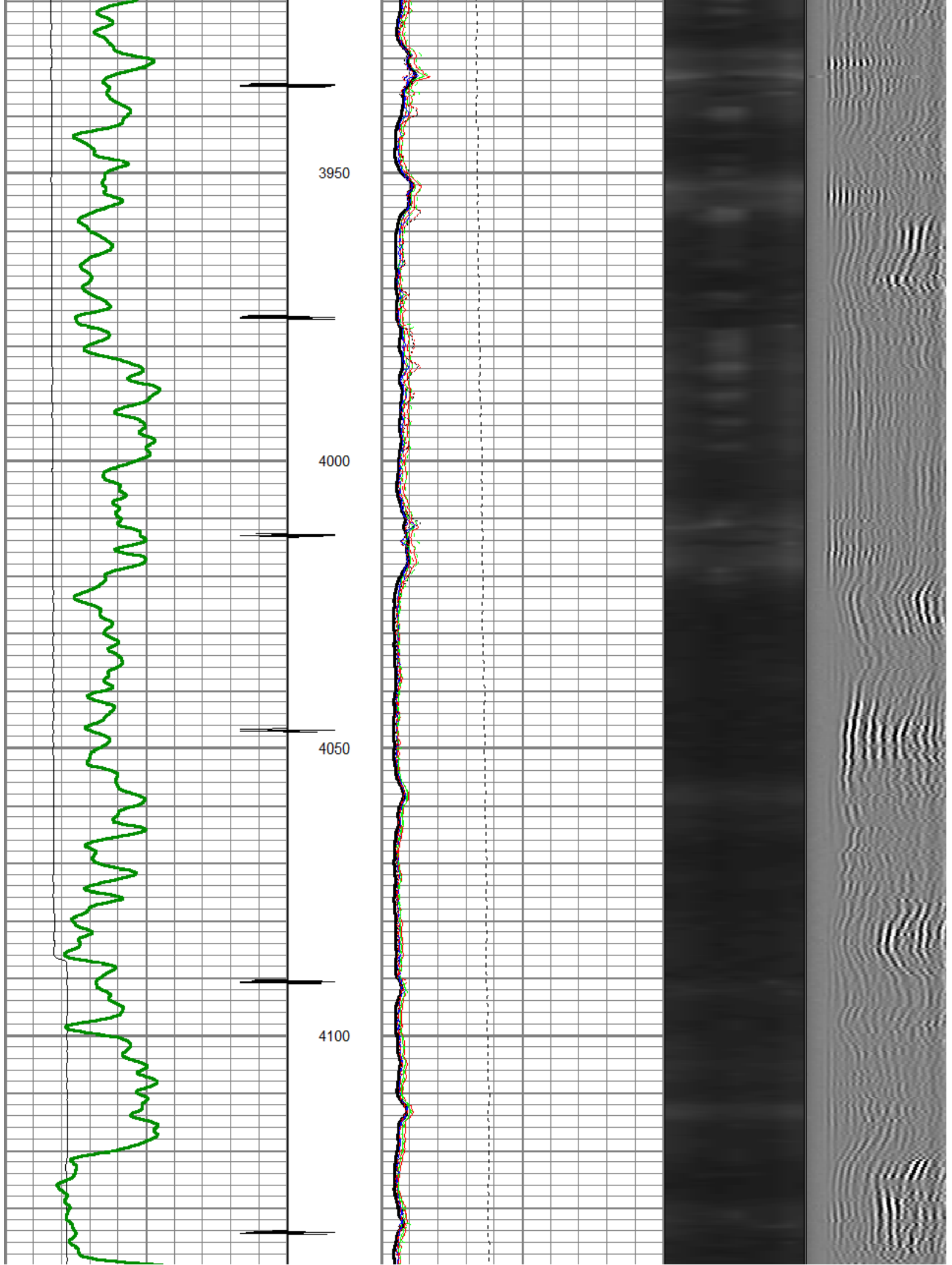


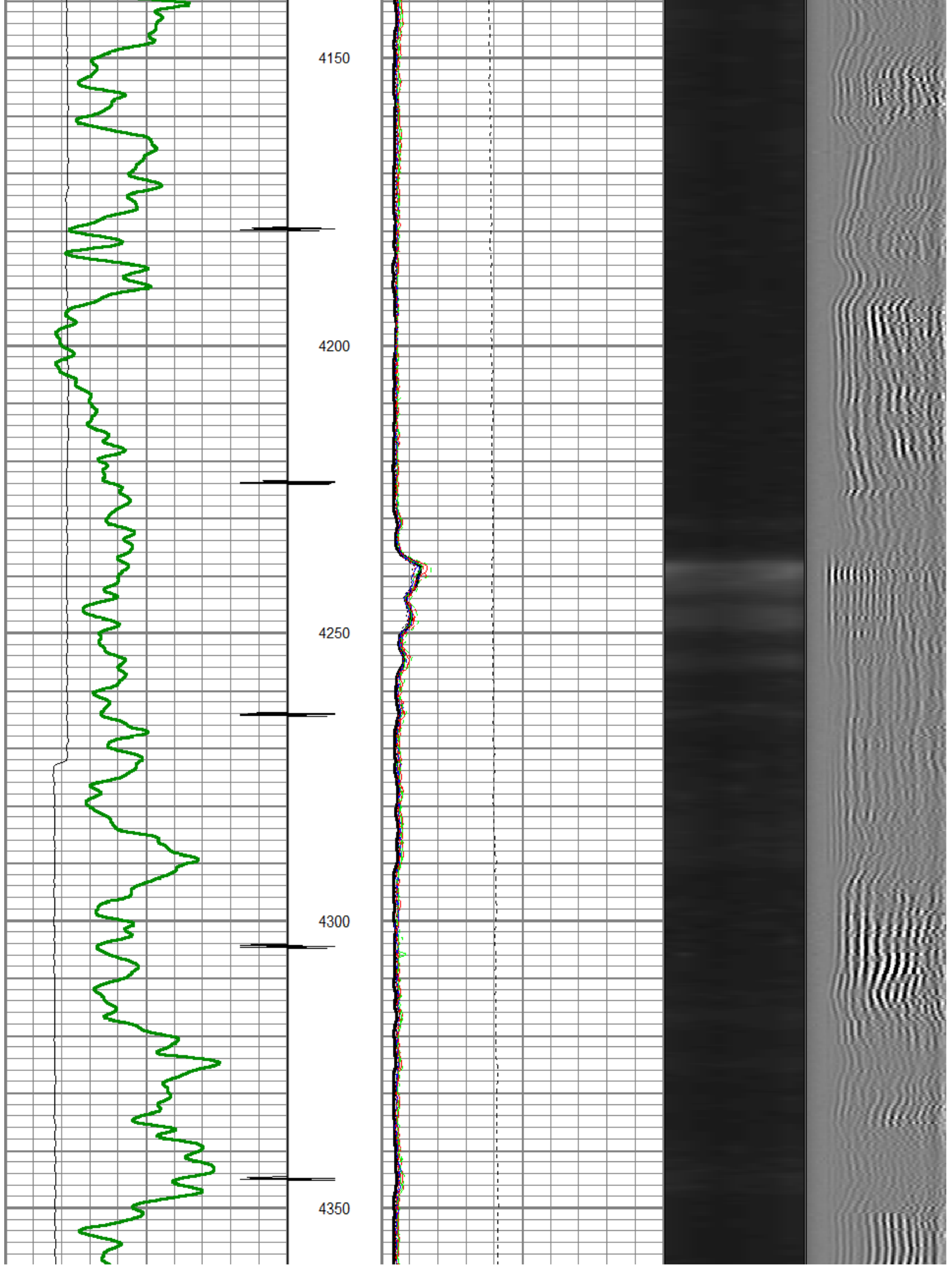


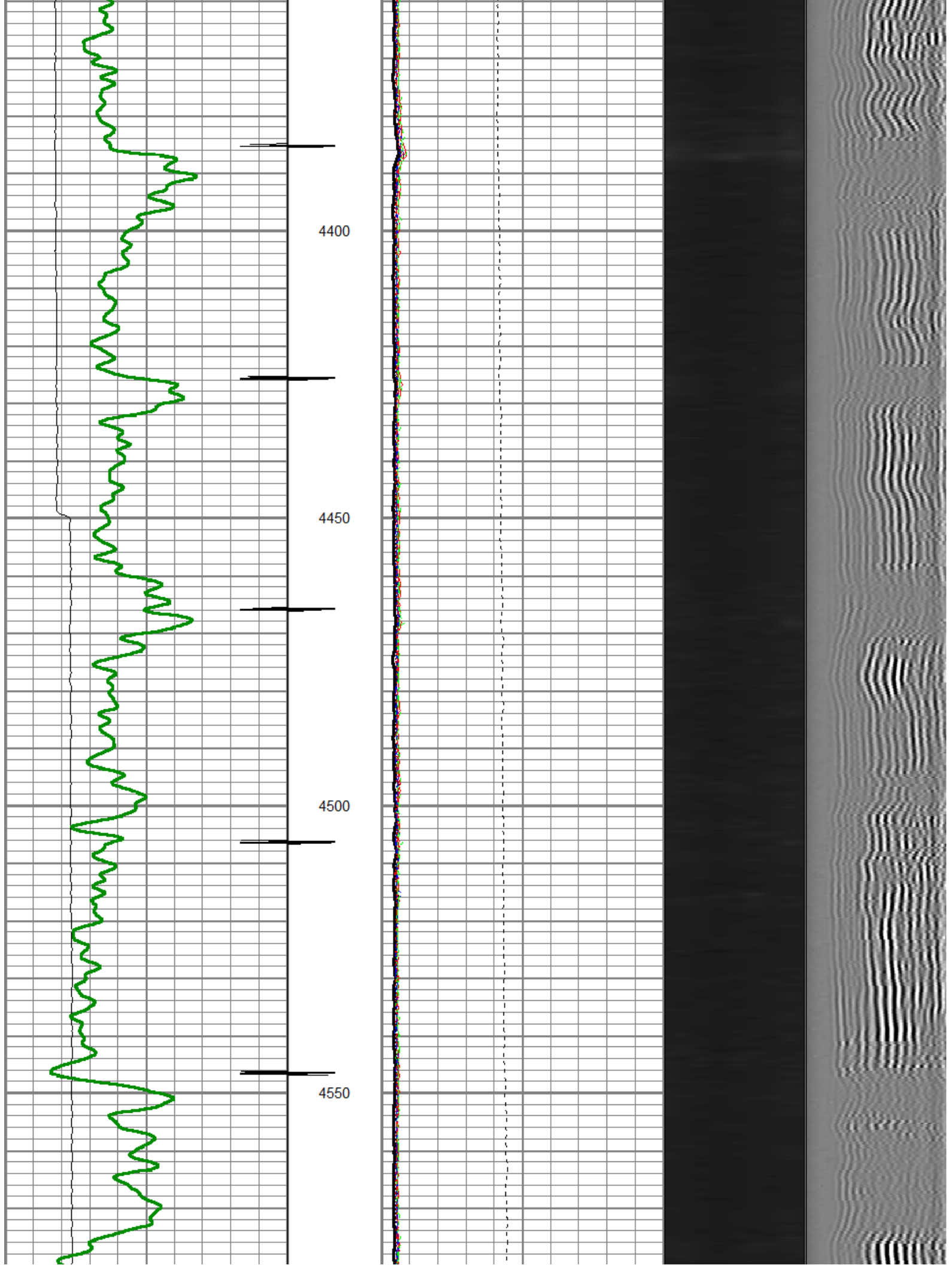


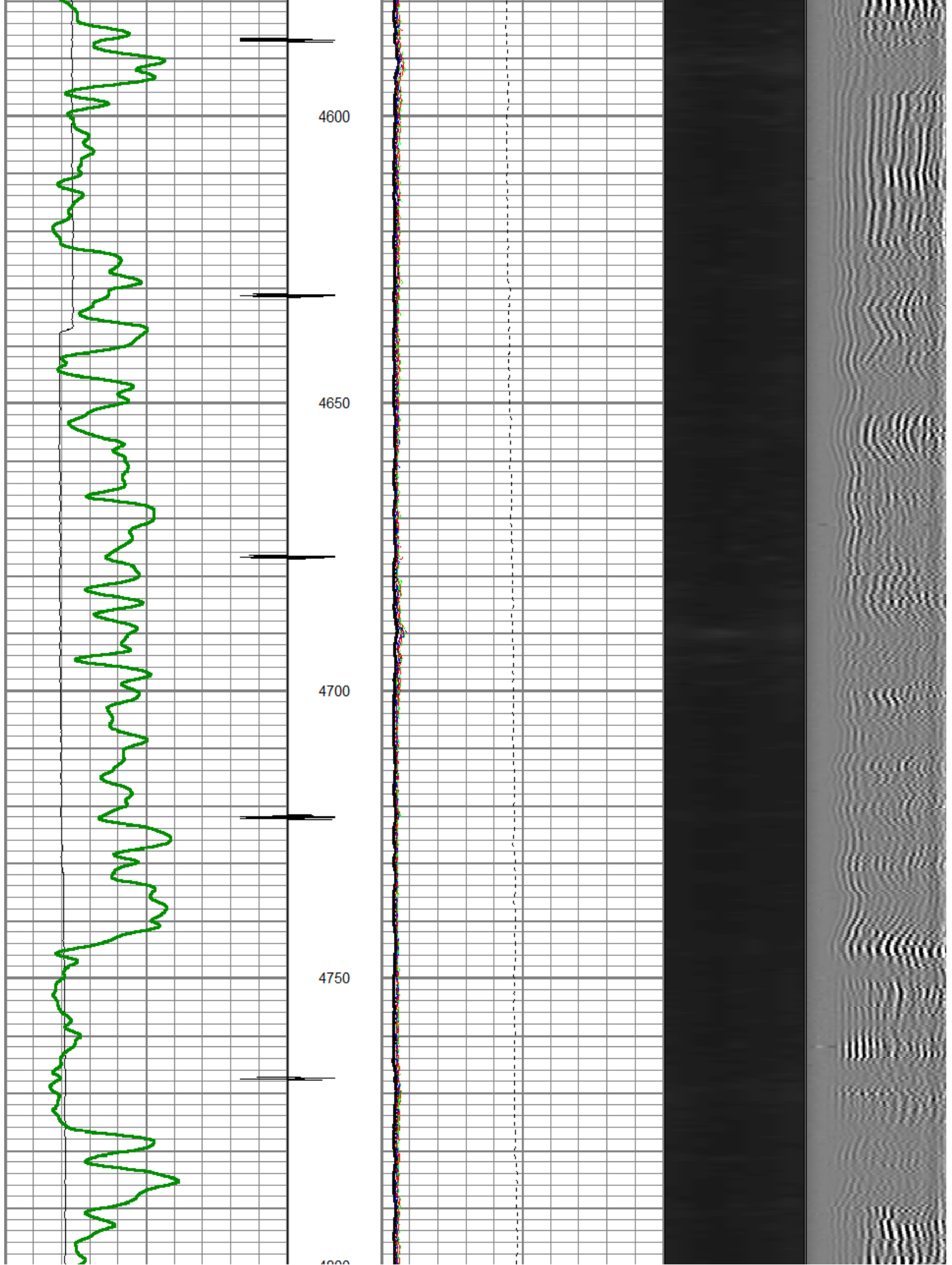




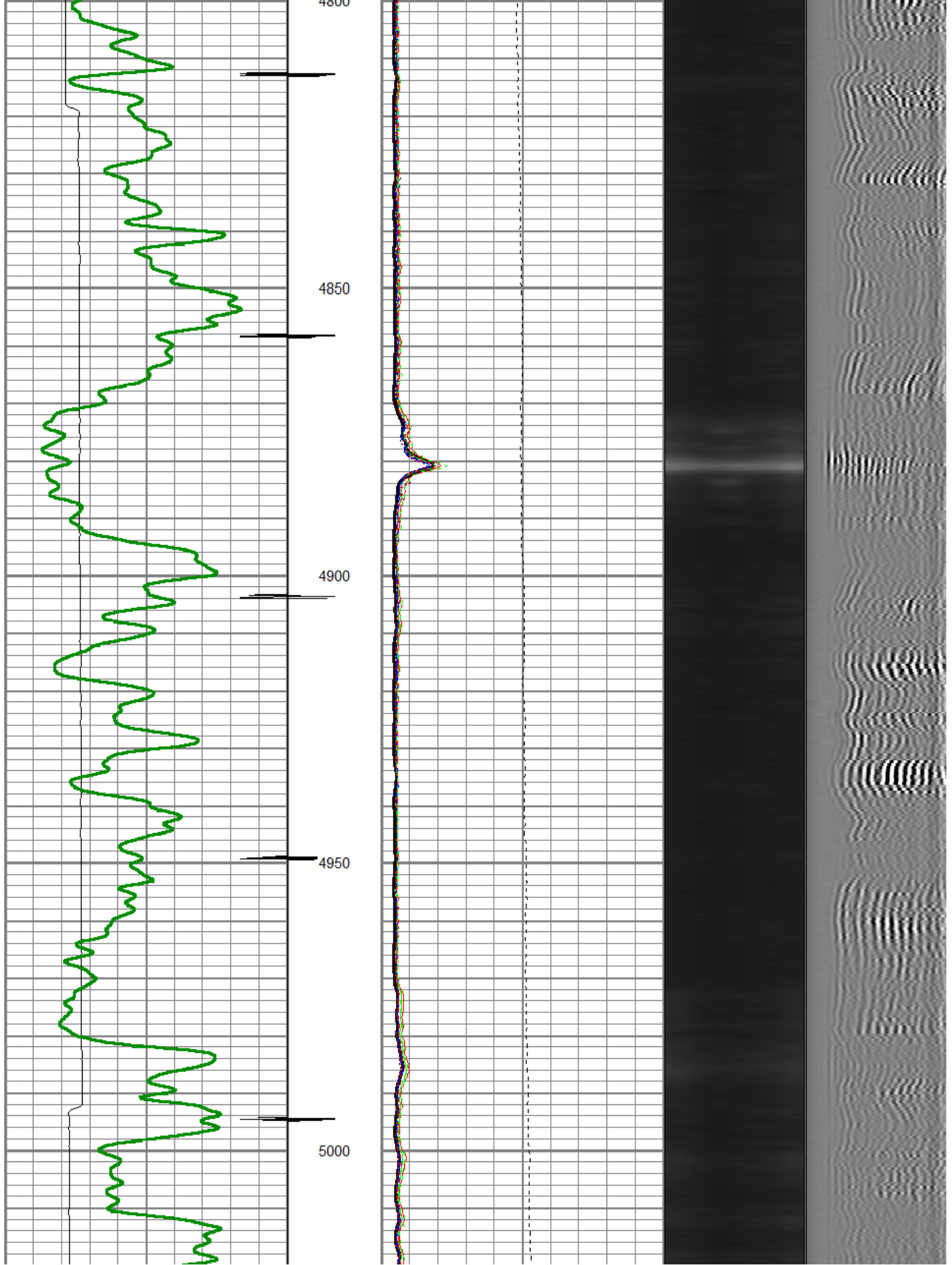


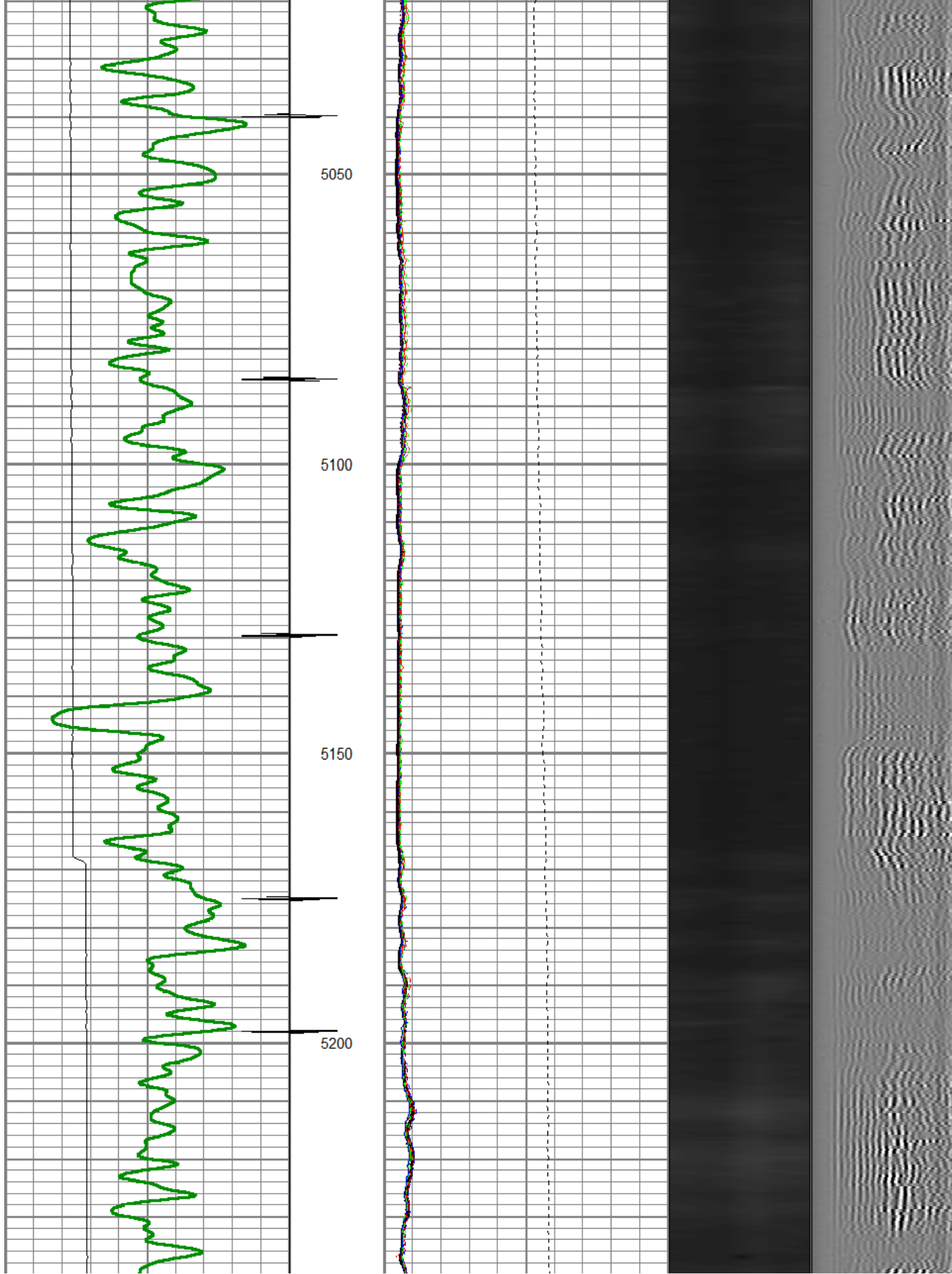


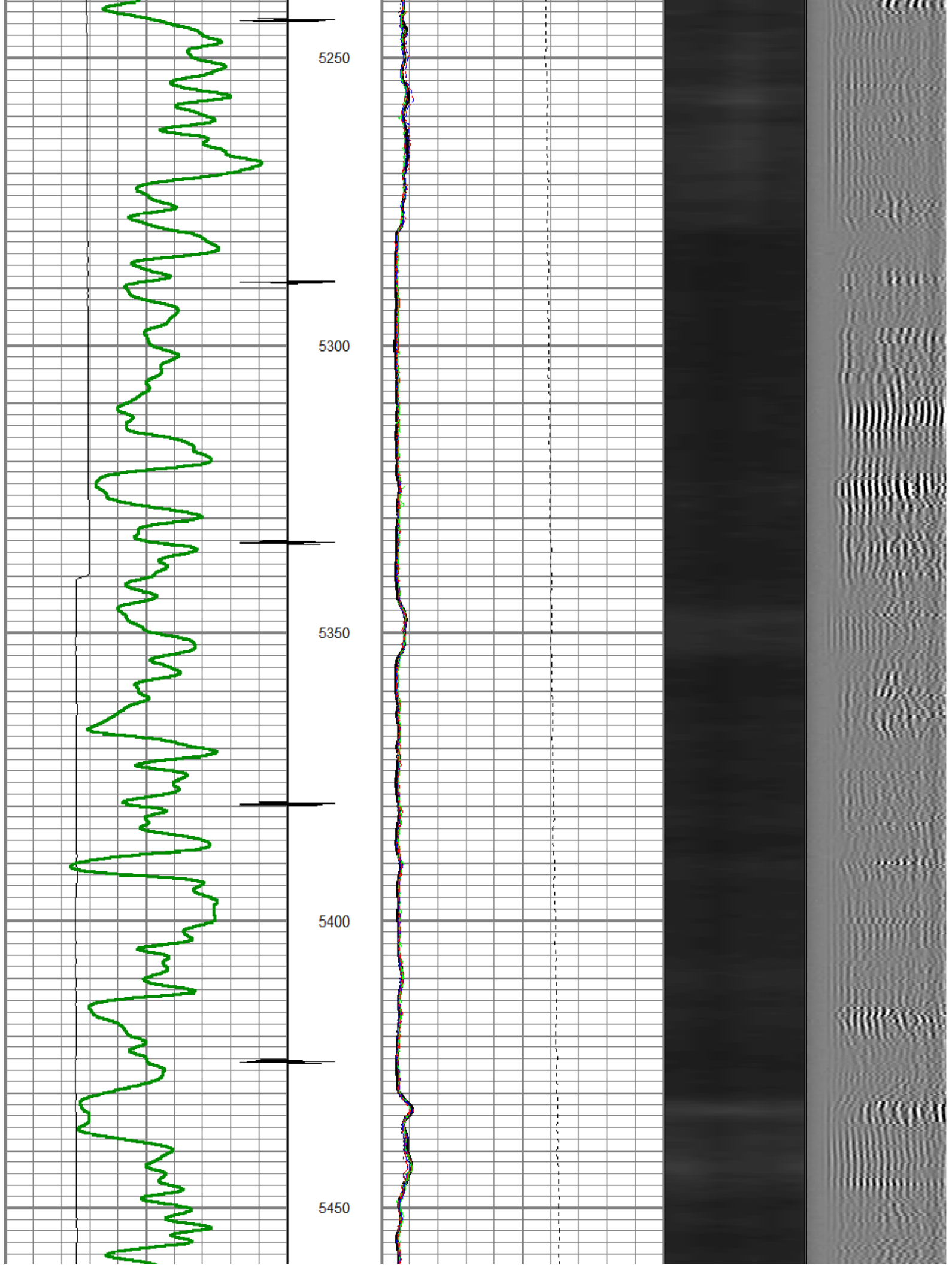


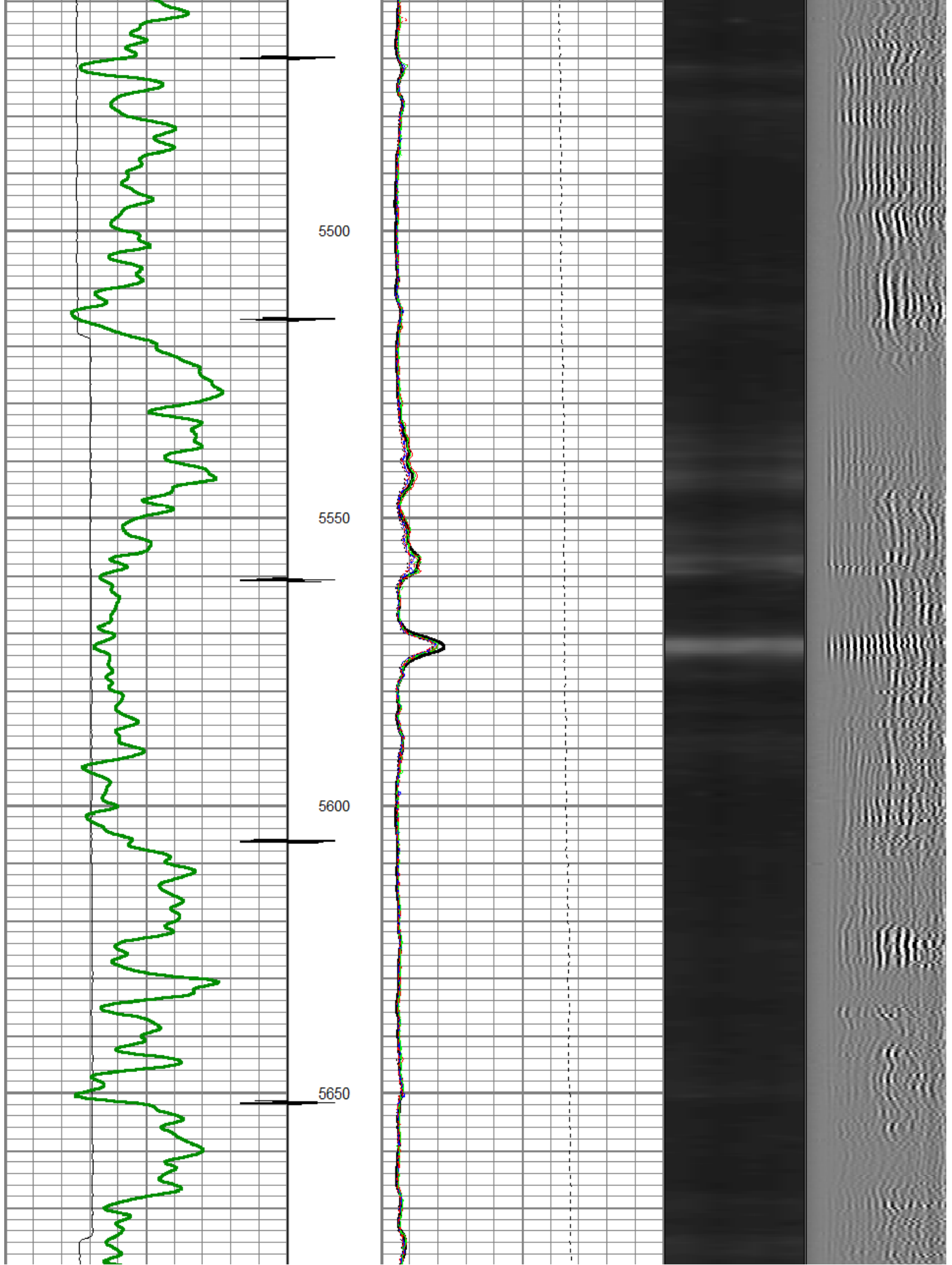


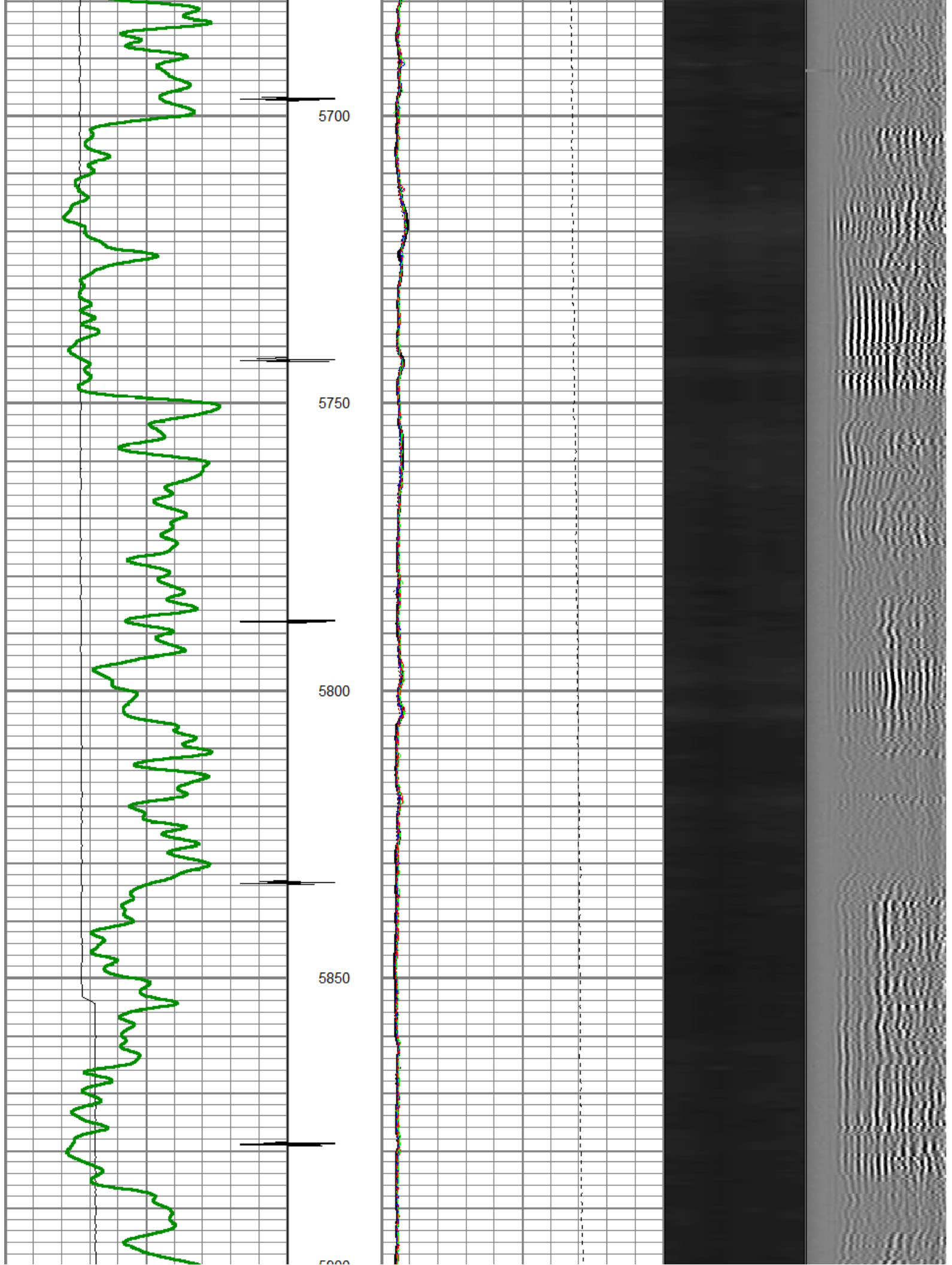




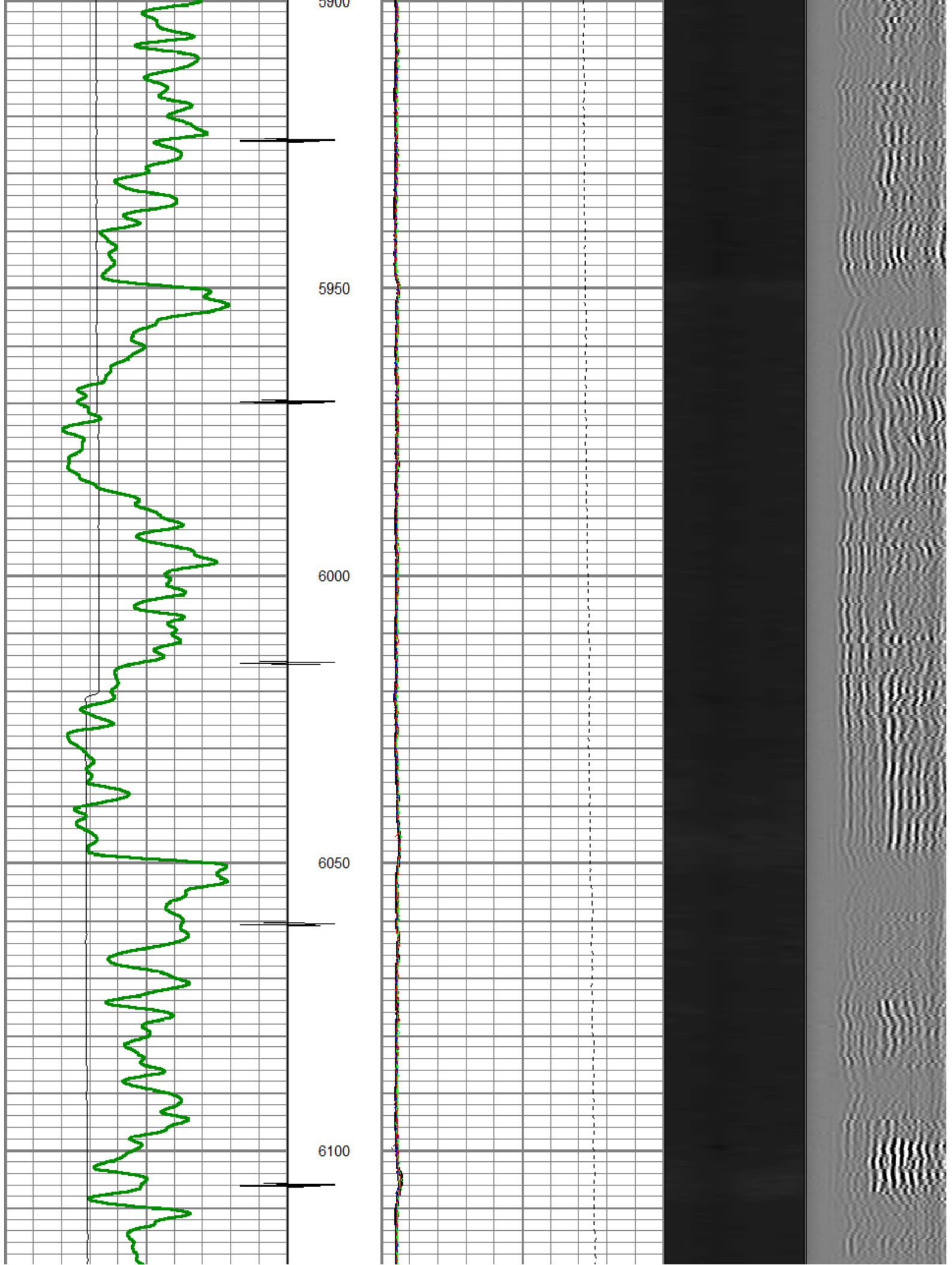


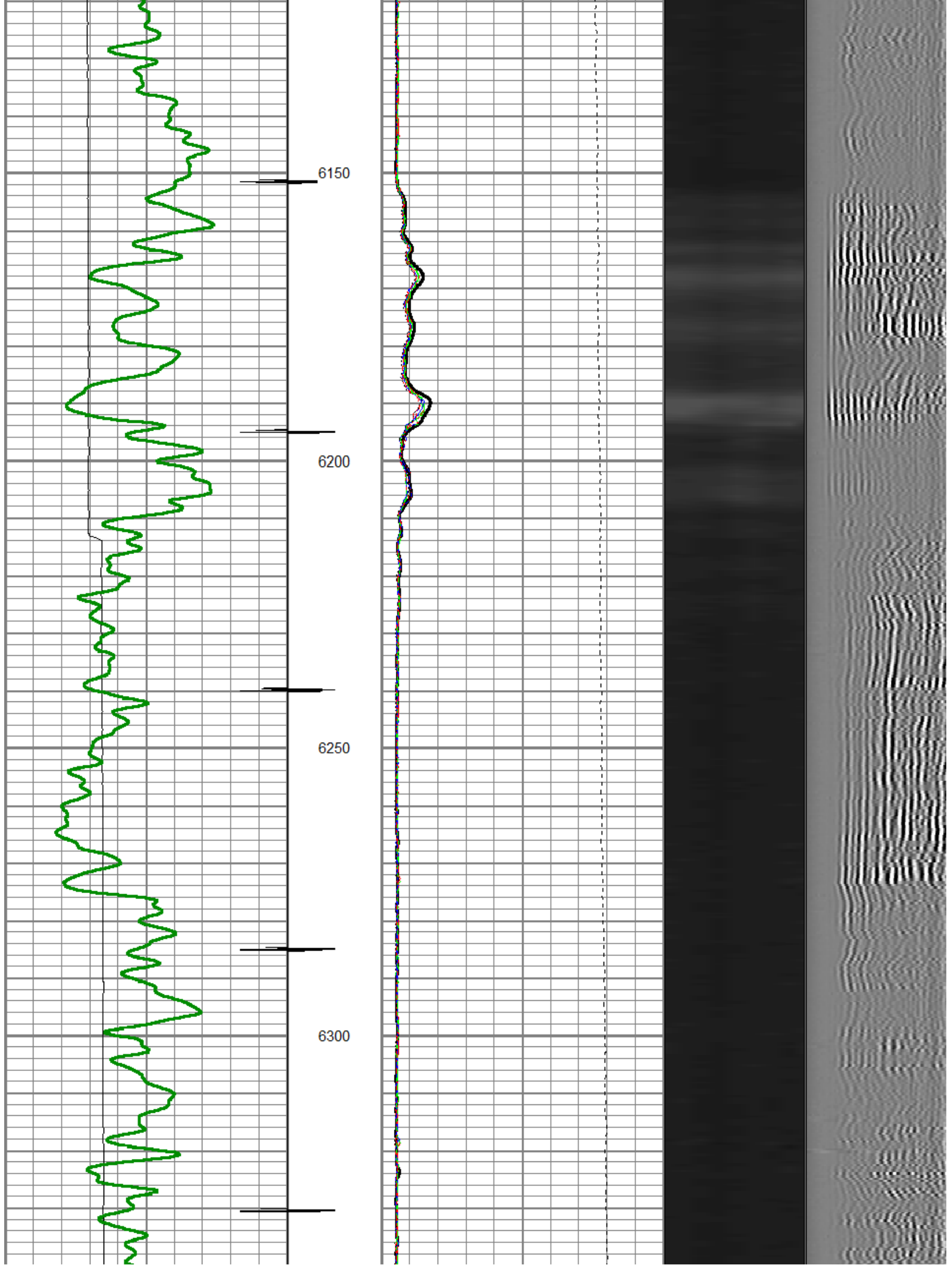


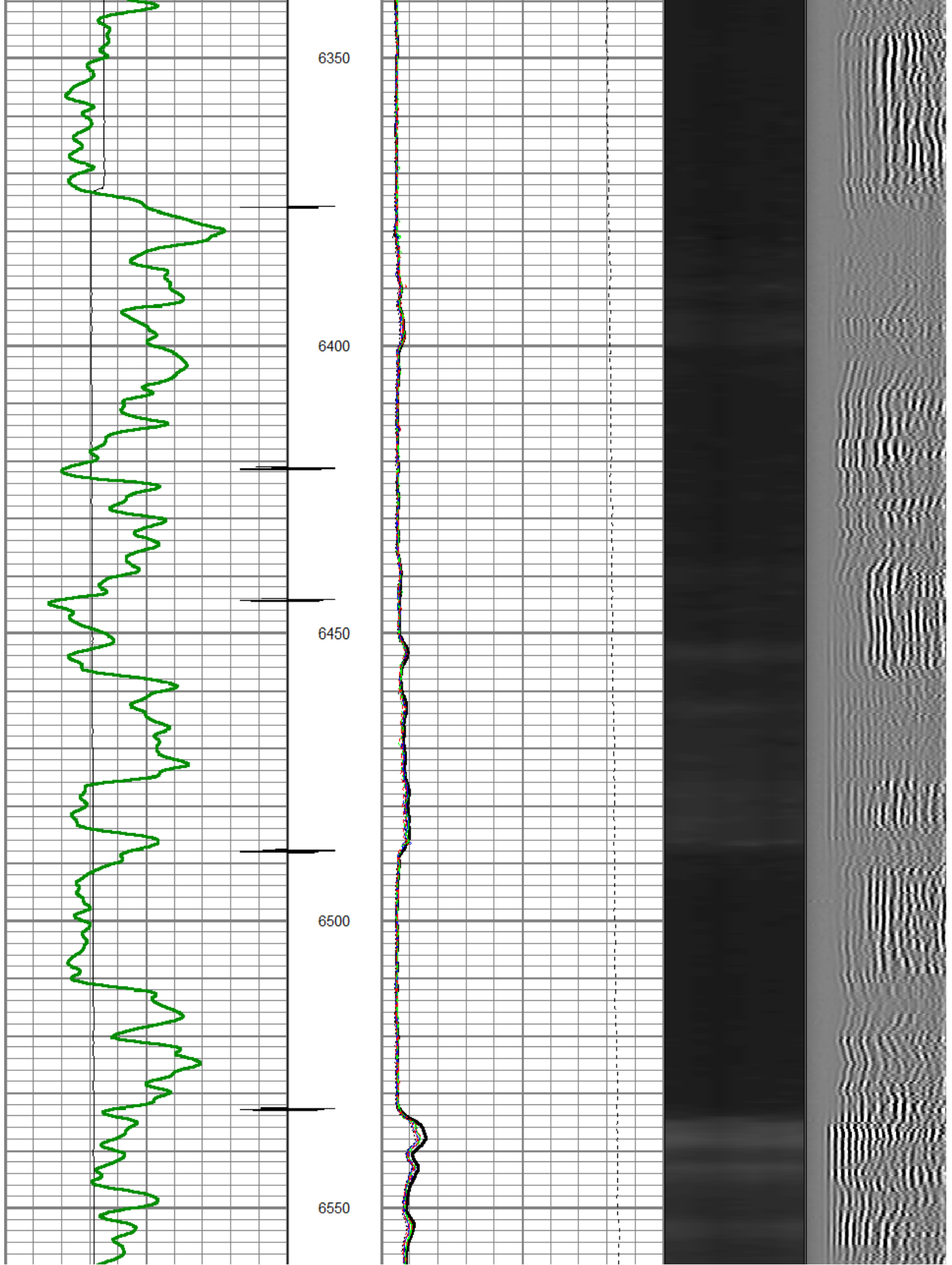


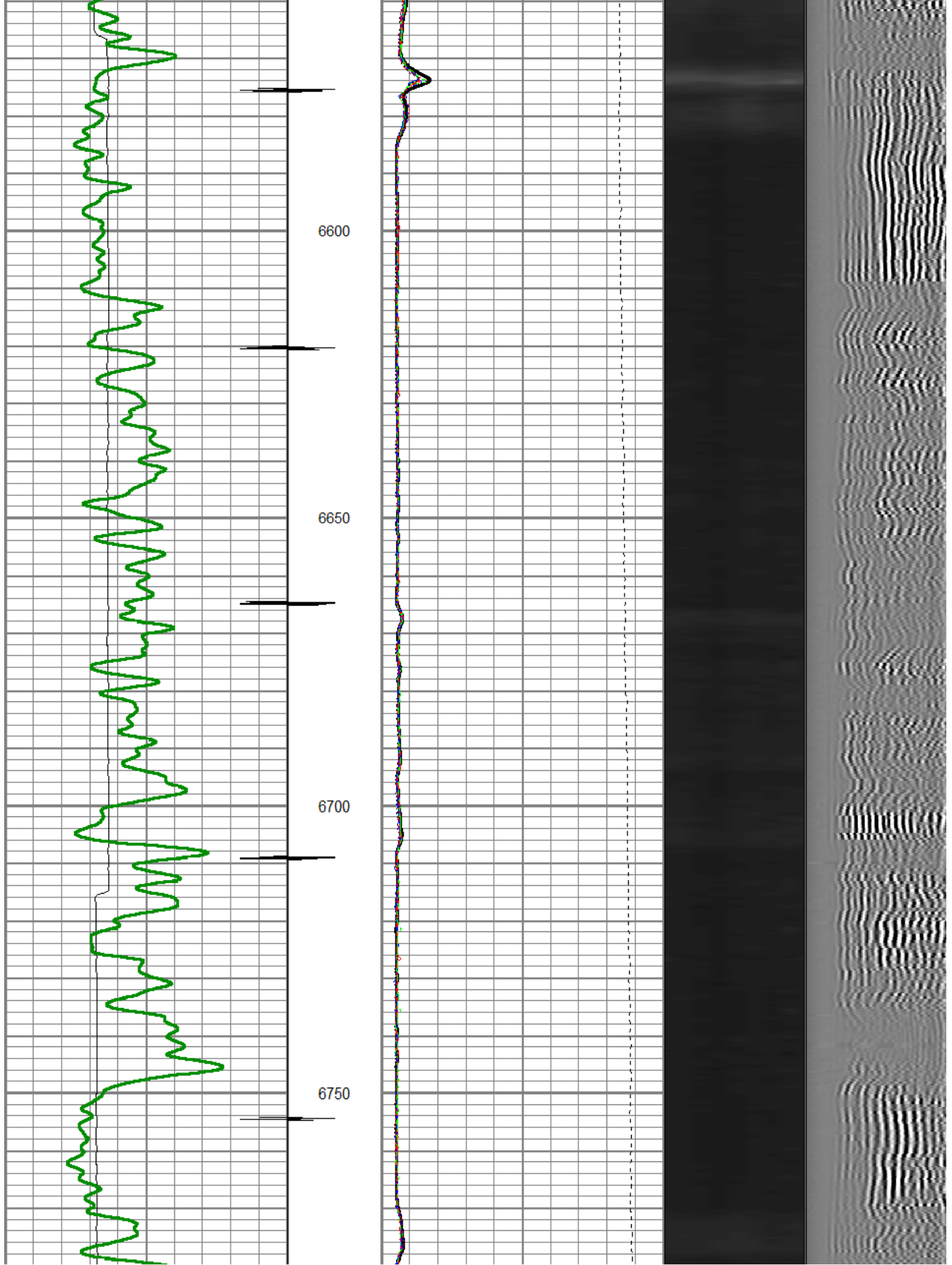


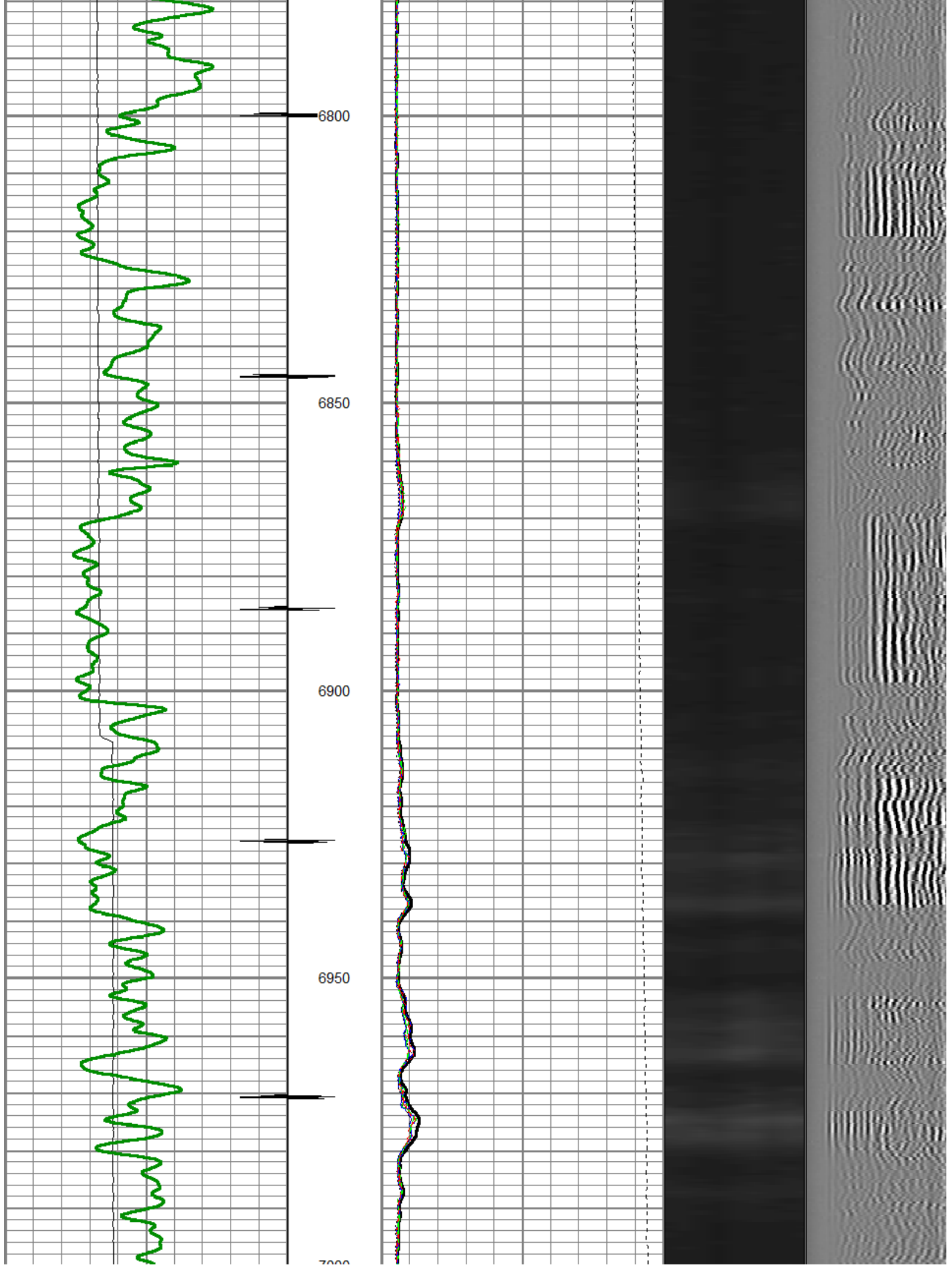




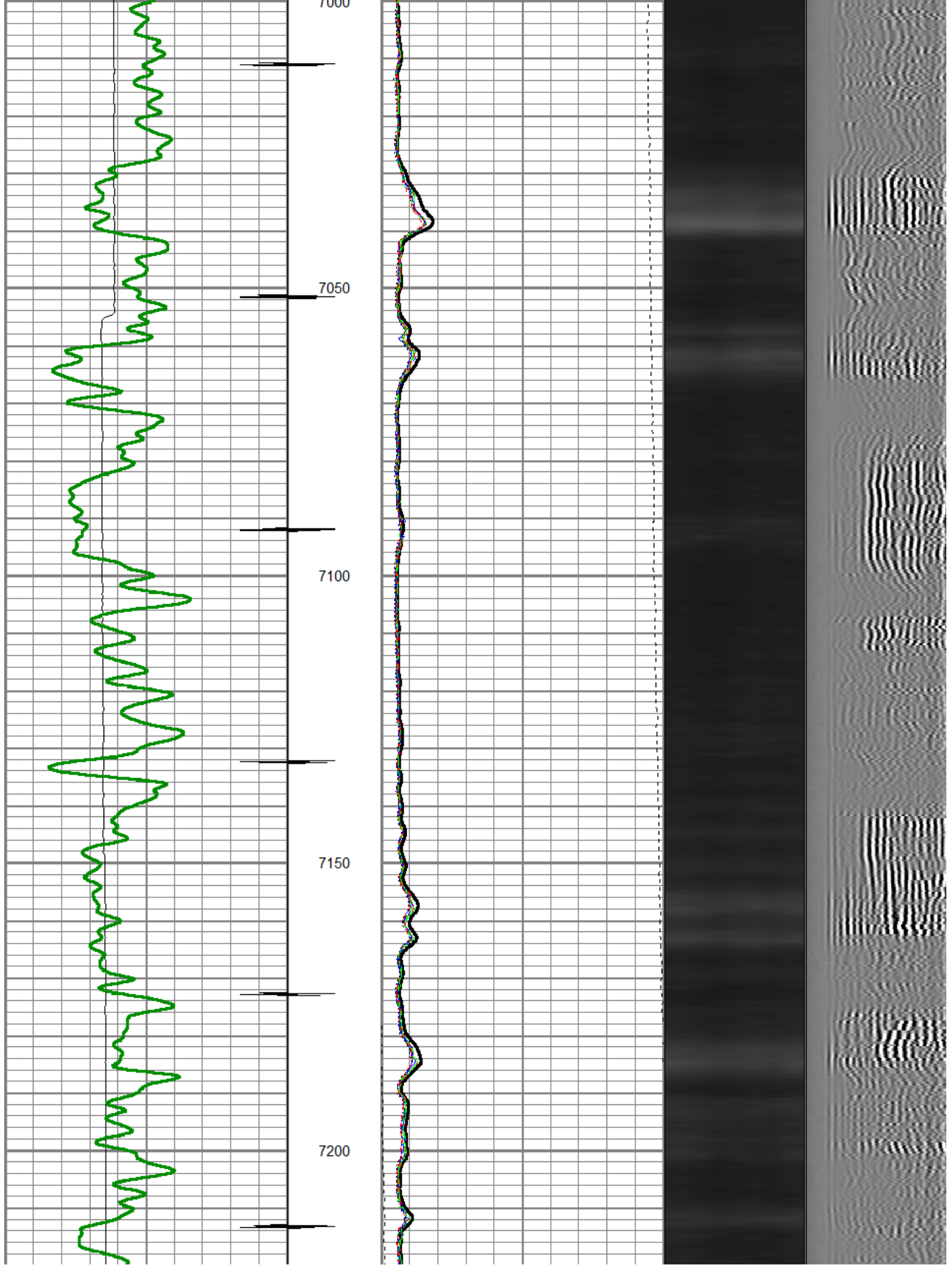


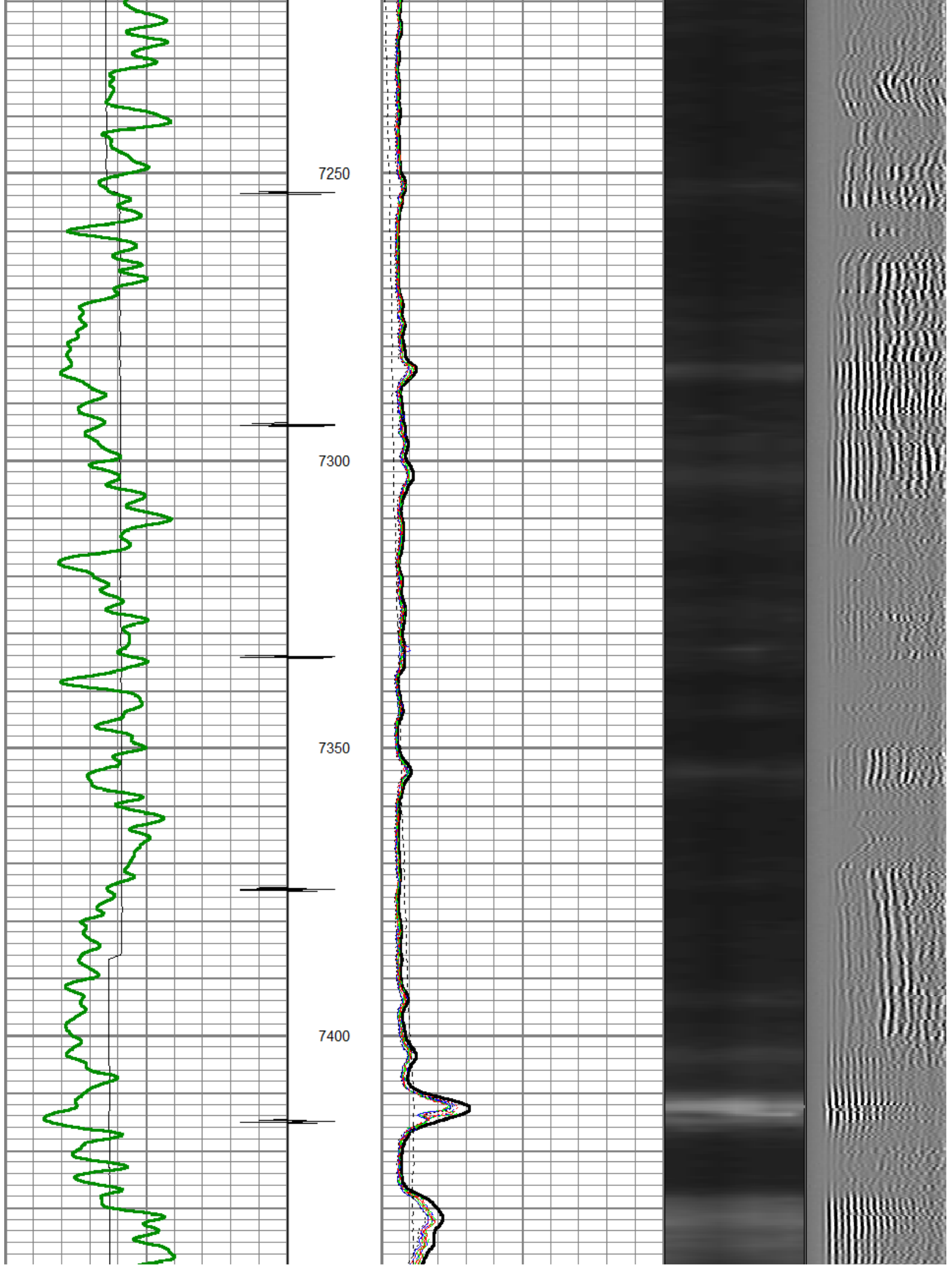


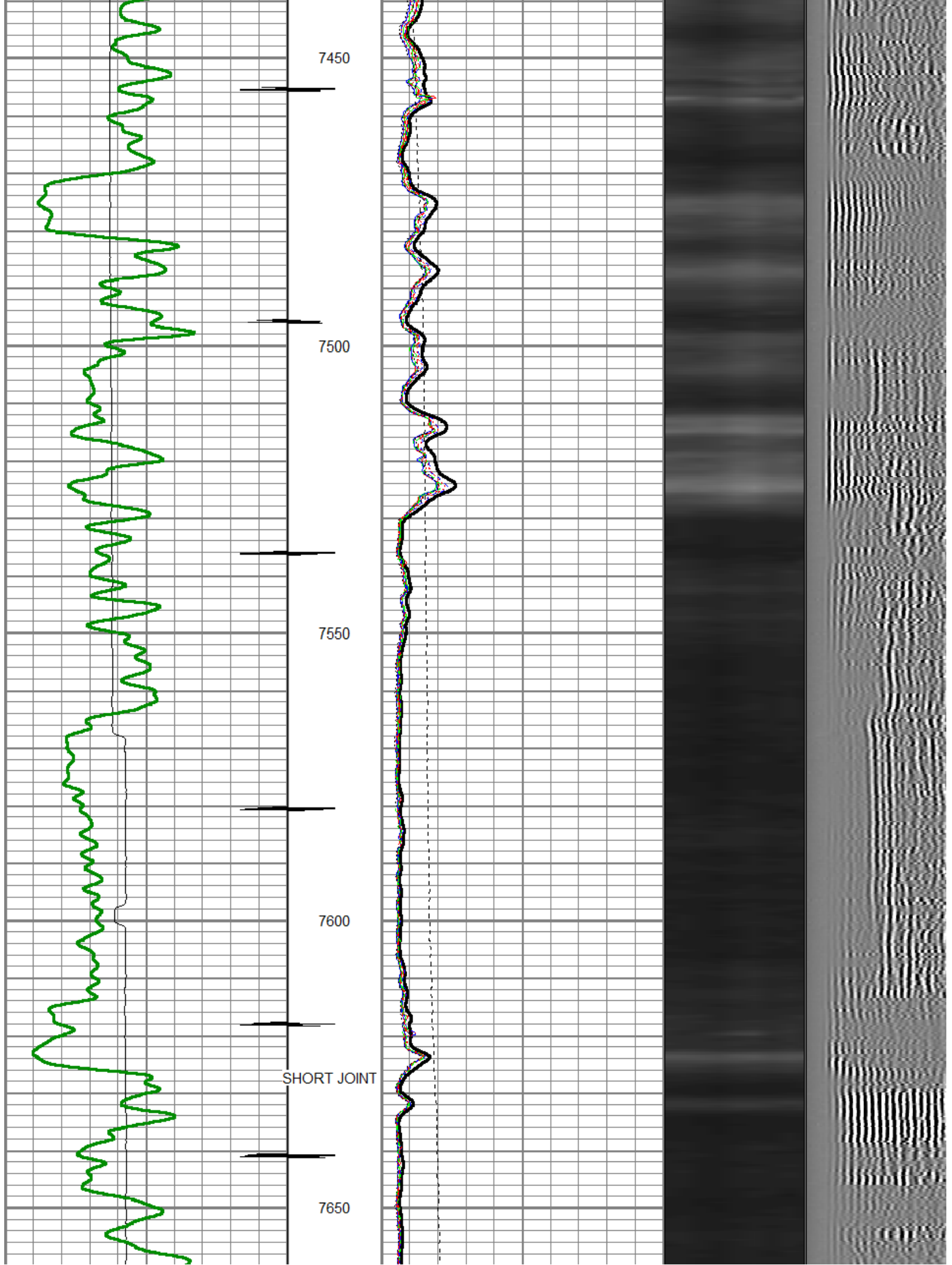


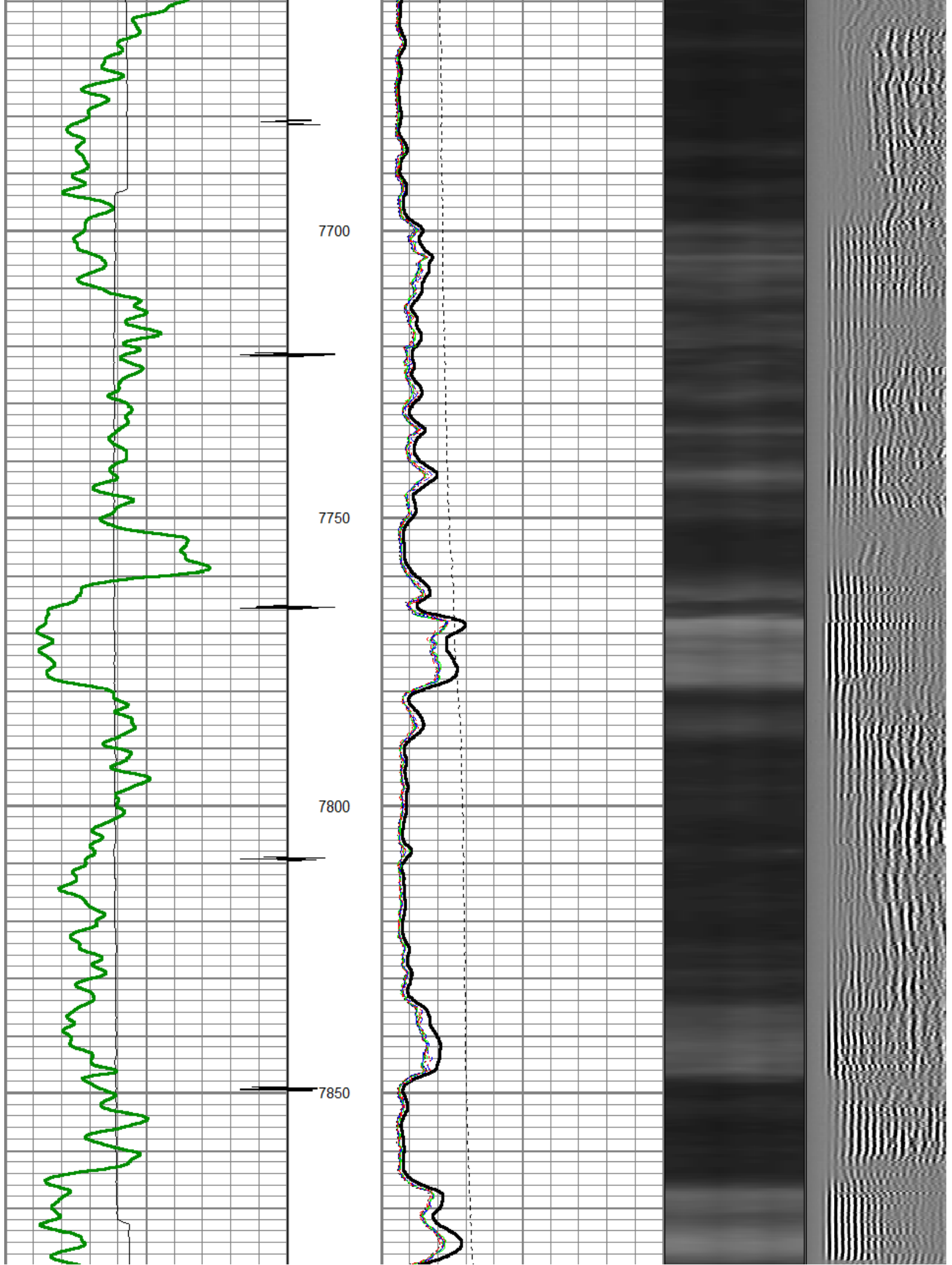


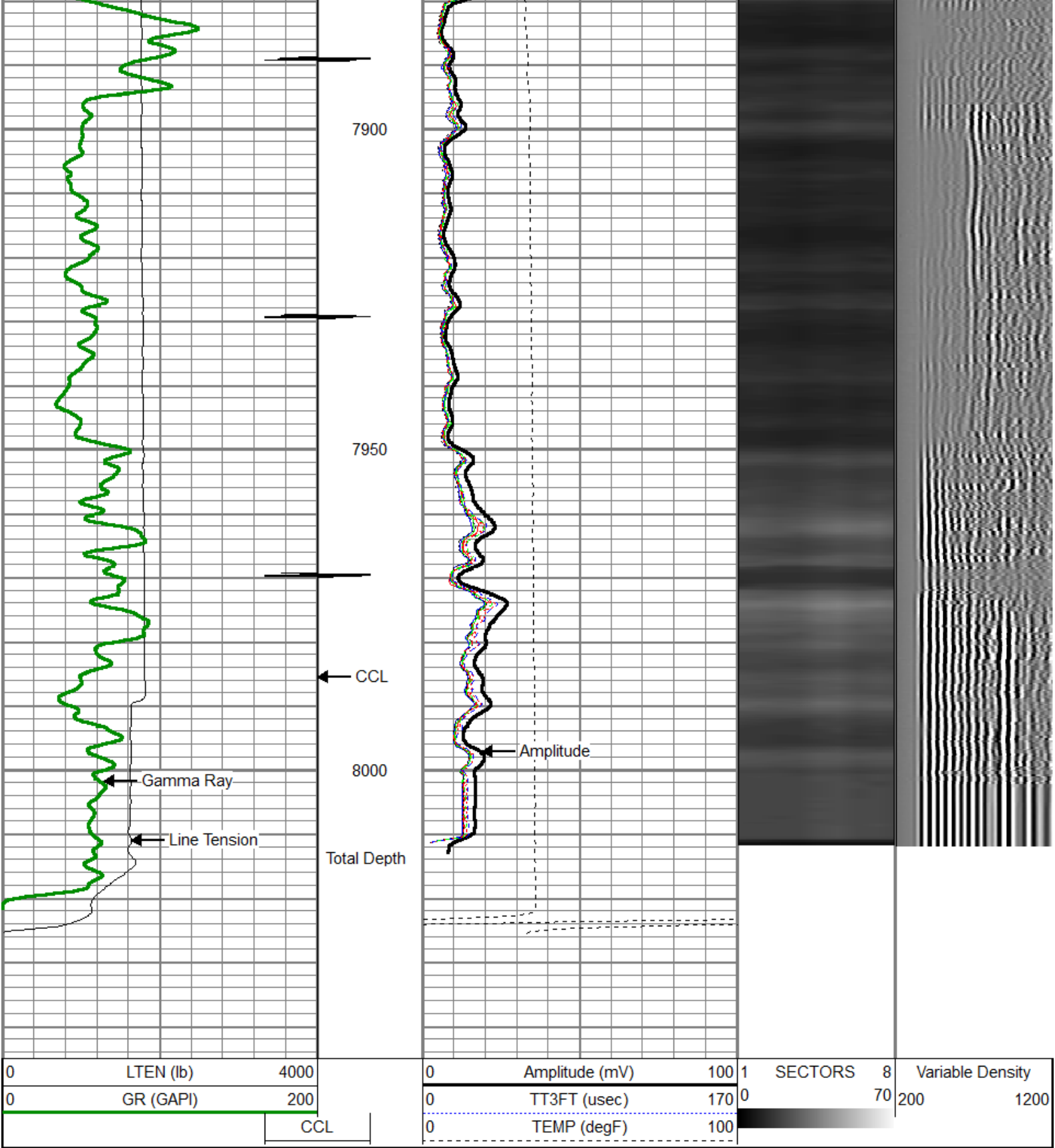












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	21.68		titan	1.00	1.69	2.00
			SNDX_CCL-SNDX_3_13_CCL (000001) CSS Gamma Ray/CCL (CCL Section)	1.92	3.13	11.02



			SONDEX	2.71	2.75	32.00
WVF3FT	13.92					
WVFS1	13.92		SNDX_RBT-007 (000002)	9.47	3.13	140.00
WVFS2	13.92		Radial Bond Tool - Analog 3 1/8			
WVFS3	13.92					
WVFS4	13.92					
WVFS5	13.92					
WVFS6	13.92					
WVFS7	13.92					
WVFS8	13.92					
WVF5FT	12.92					
			SONDEX	2.71	2.75	32.00
GR	5.17		SNDX_GR-SNDX_3_13_GR (000001)	2.94	3.13	22.05
			Sondex Production Gamma Ray			
			TEMP-SNDX_TEMP (SNDX_TEMP_01)	3.14	1.63	10.00
TEMP	0.58		Sondex Production Temperature Tool			
Dataset: gentry b9.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	GENRTY B9
Field	MAMM CREEK
County	GARFIELD
State	COLORADO