



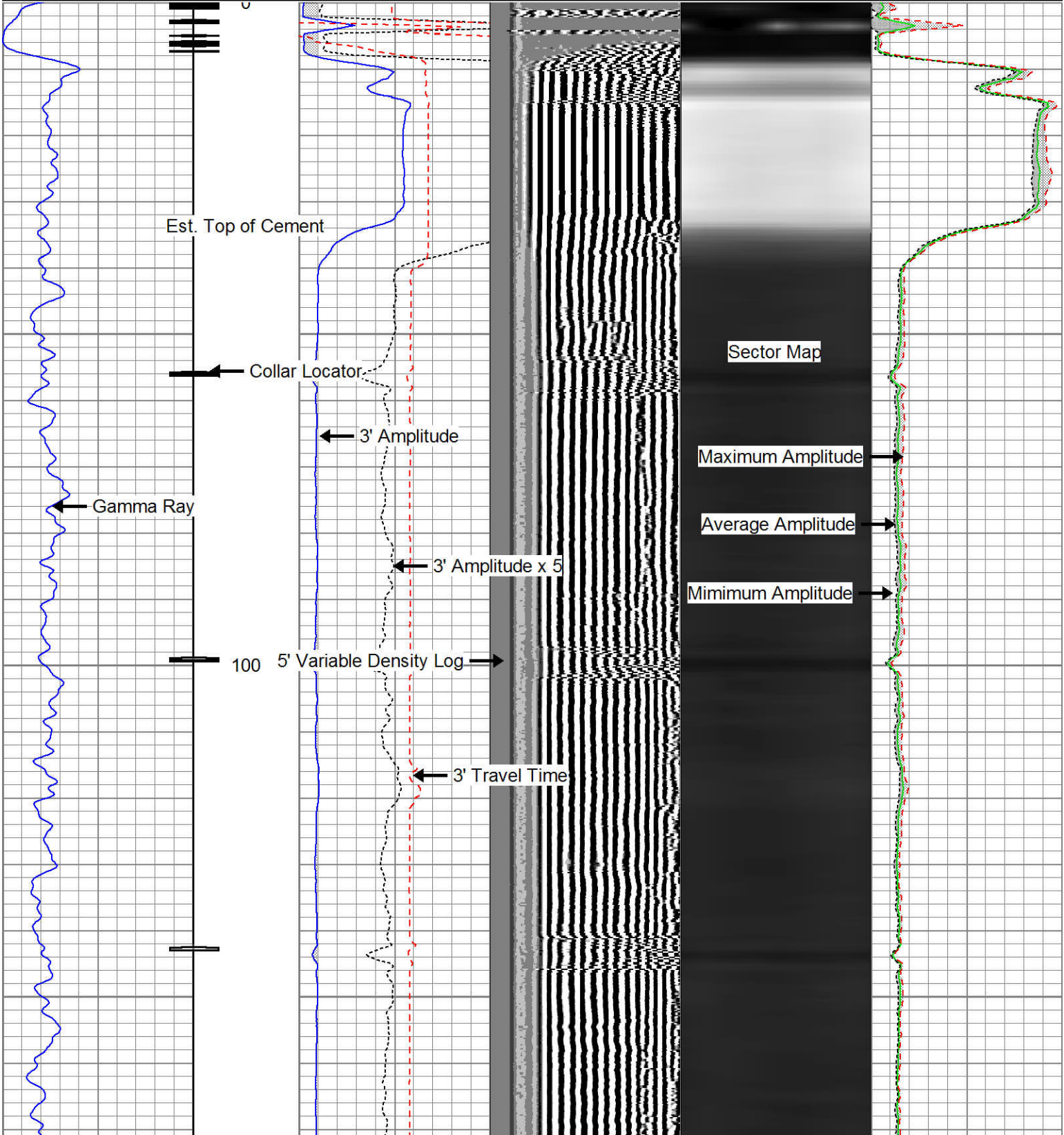
<<< Fold Here >>>

Comments

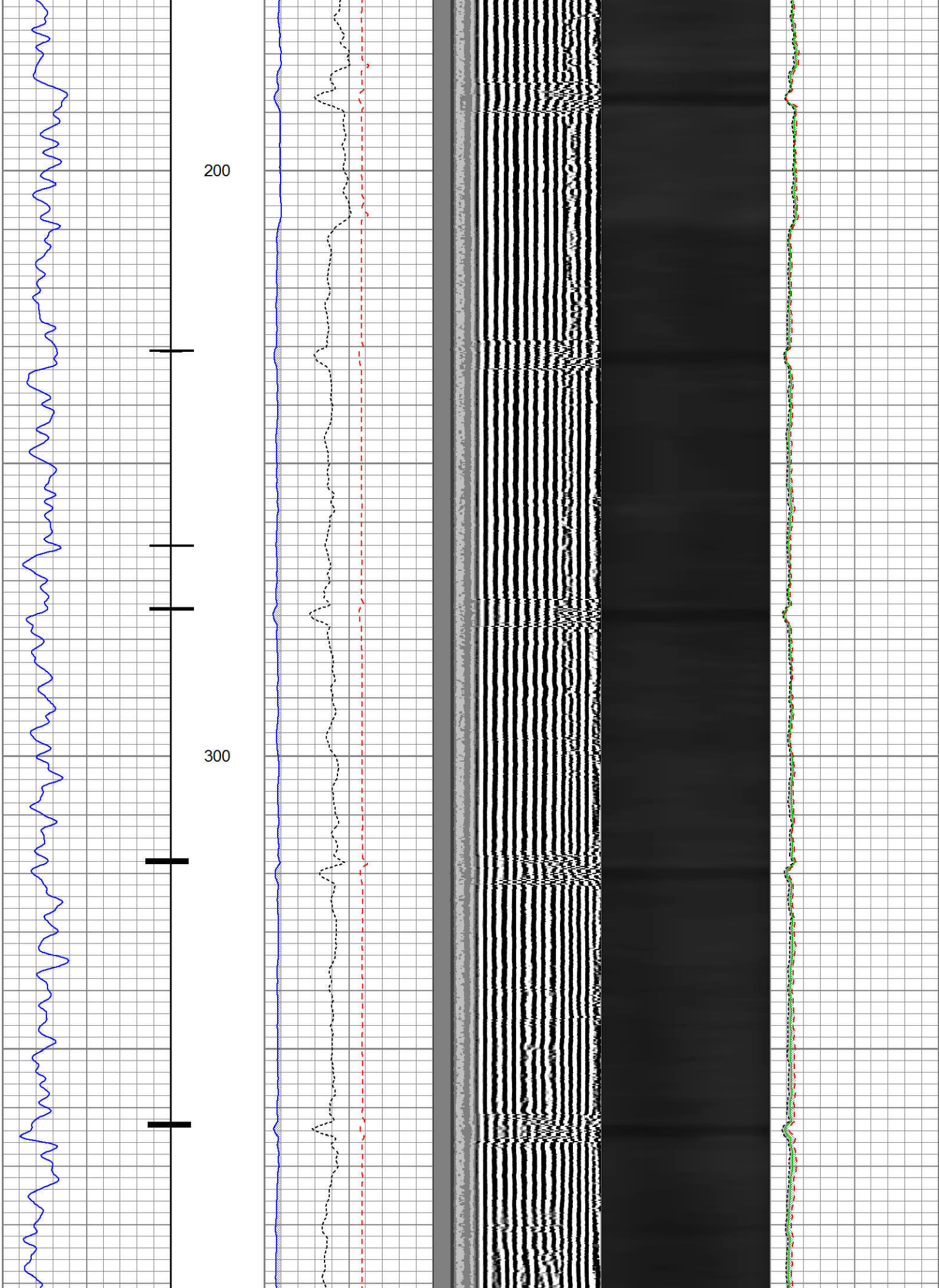
Thank you for choosing FMC Technologies Completion Services

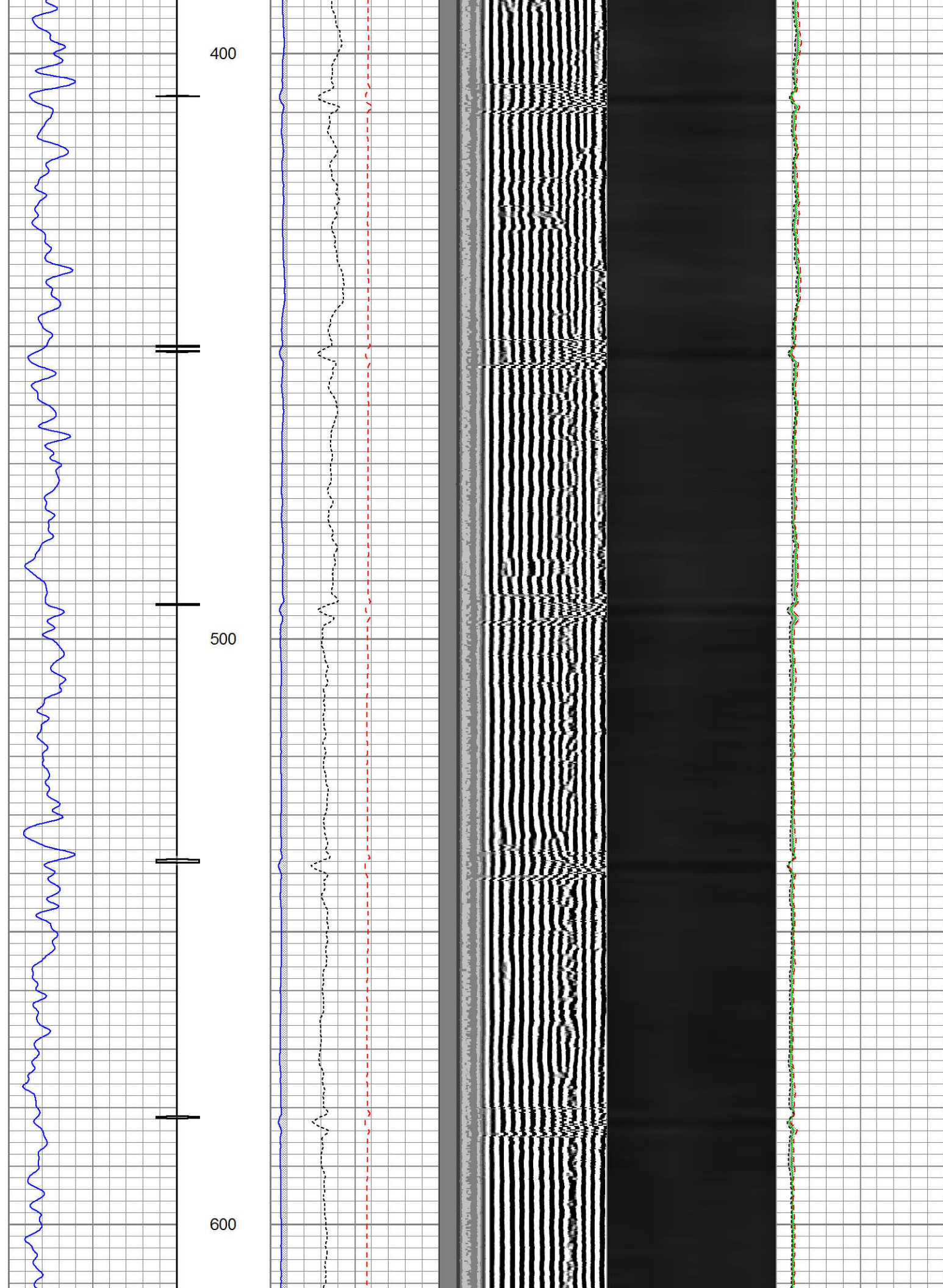
# Main Pass 2800 PSI

Gamma Ray		3' Amplitude		5' Variable Density Log		Sector Map		Average Amplitude	
0	(GAPI) 150	0	(mV) 100	200	1200	0	100	0	100
Collar Locator		3' Amplitude x 5						Minimum Amplitude	
		0	(mV) 20					0	100
		3' Travel Time						Maximum Amplitude	
		650	(usec) 150					0	100

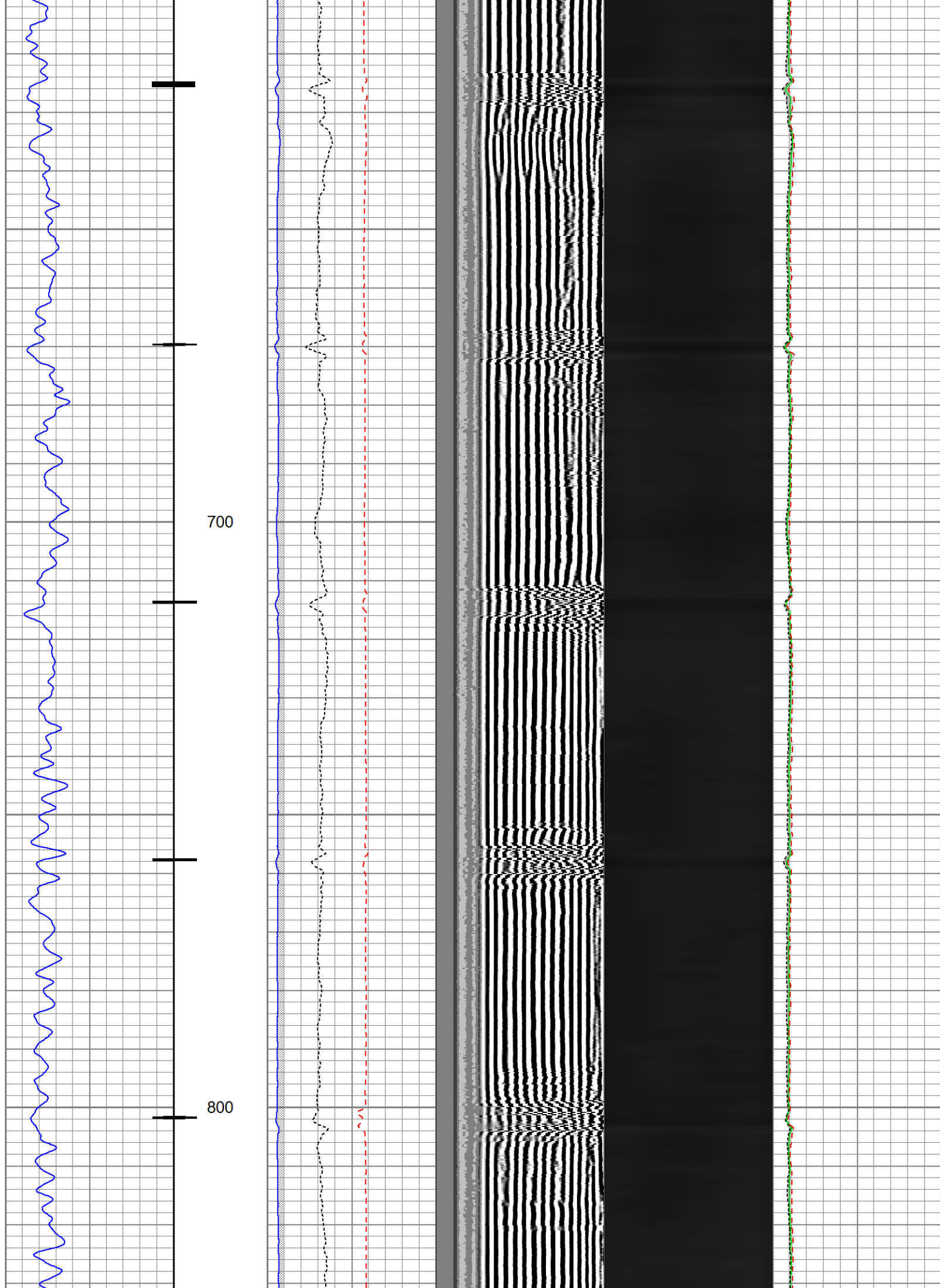


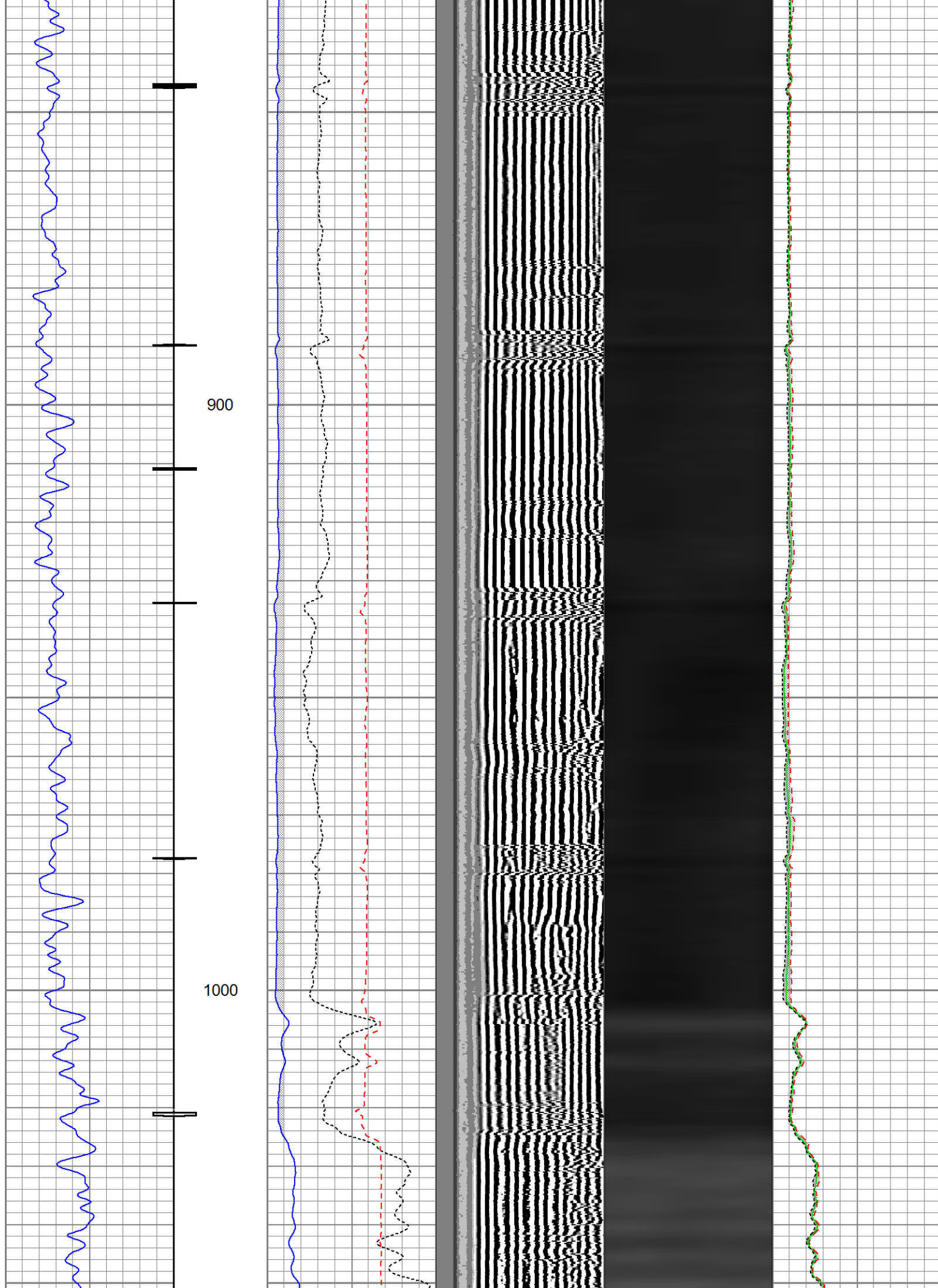




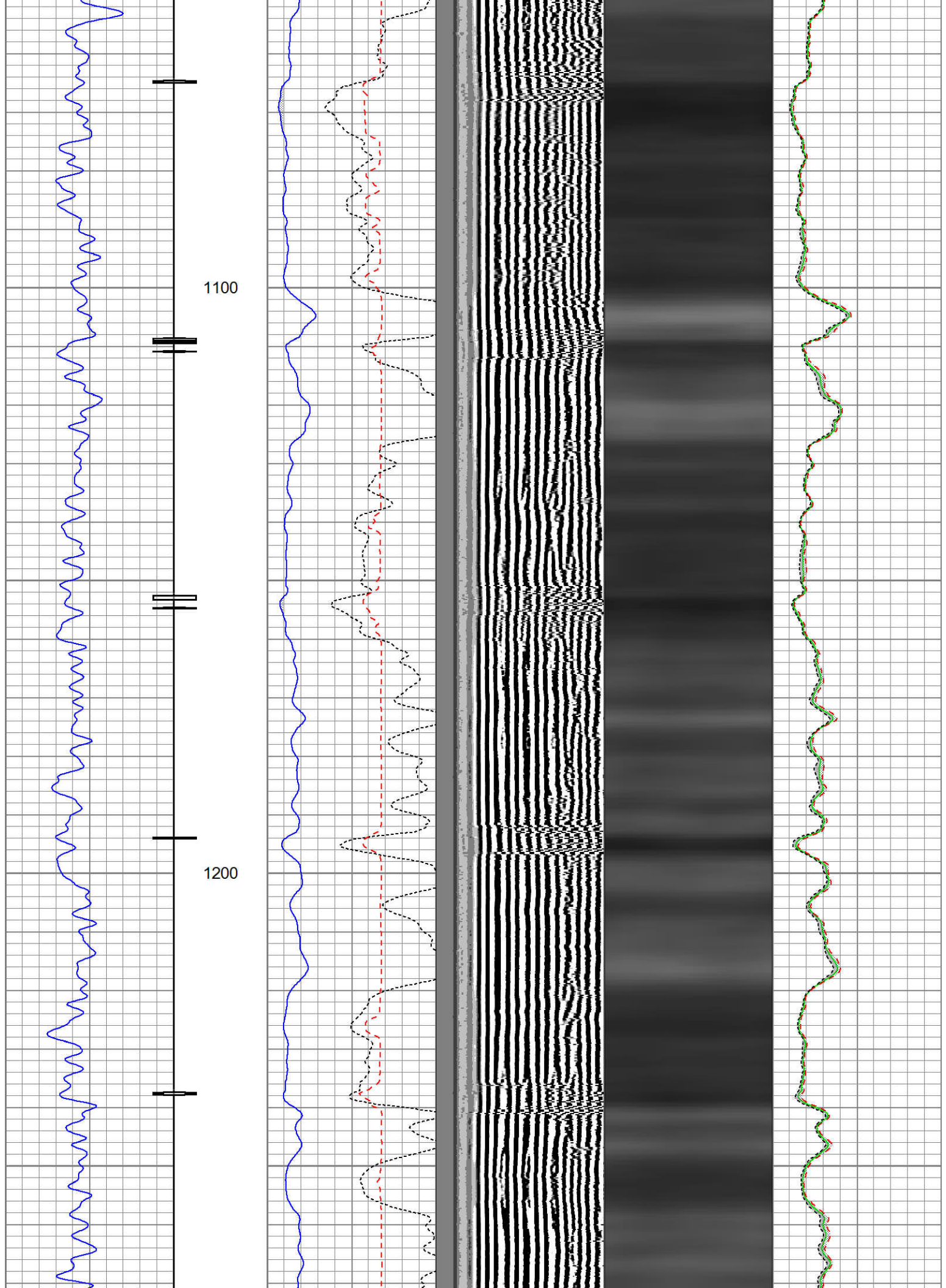


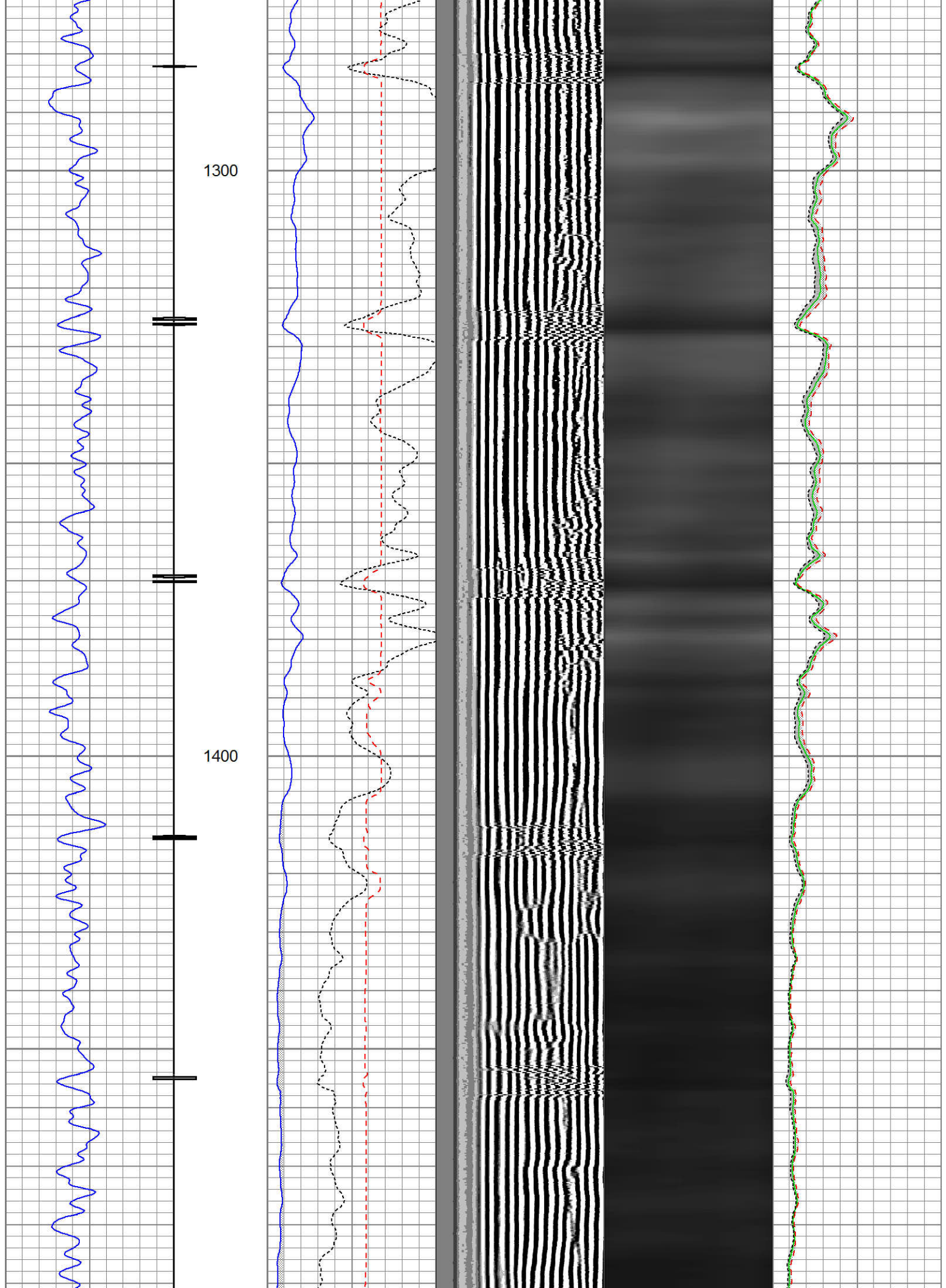




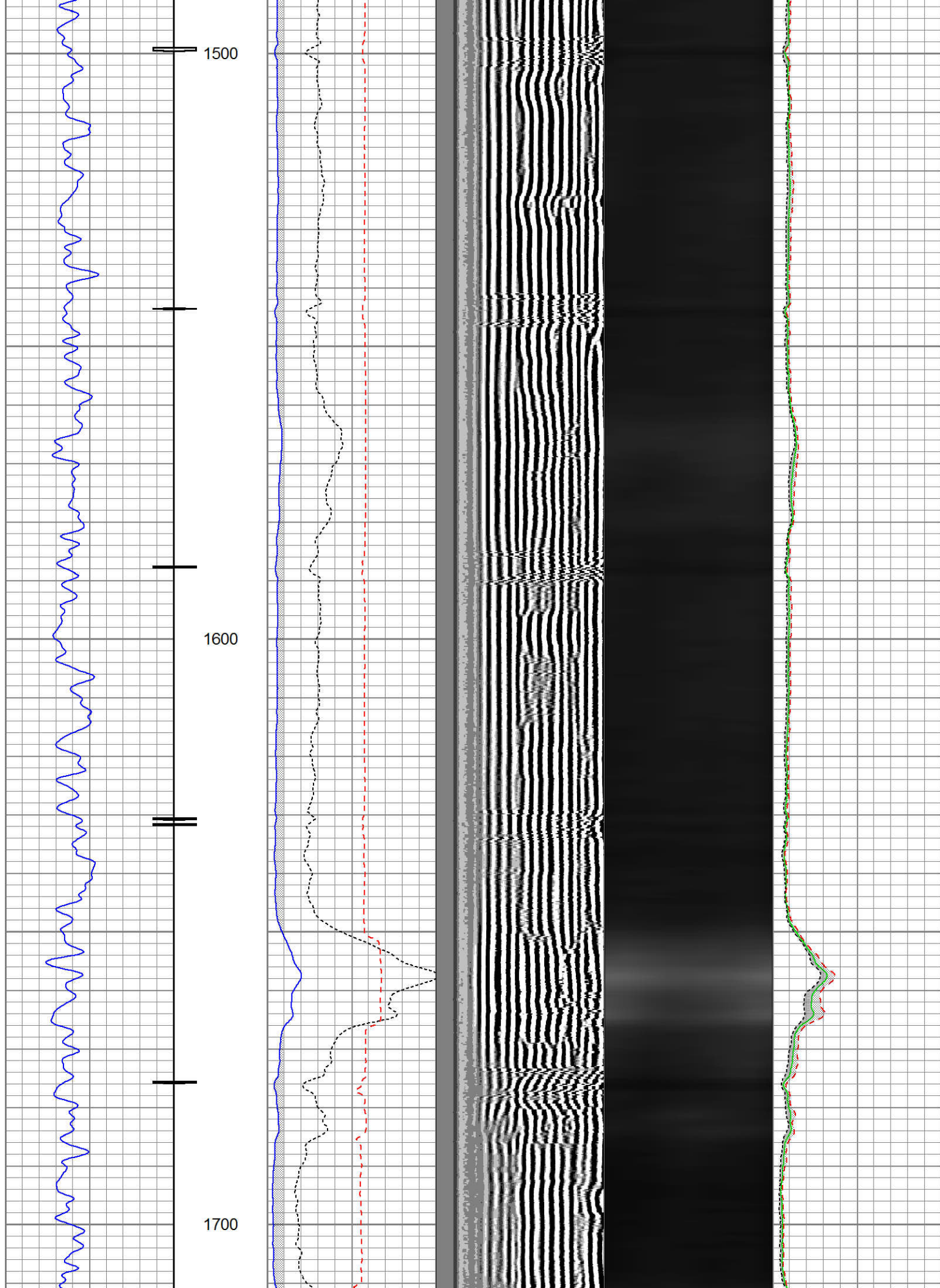


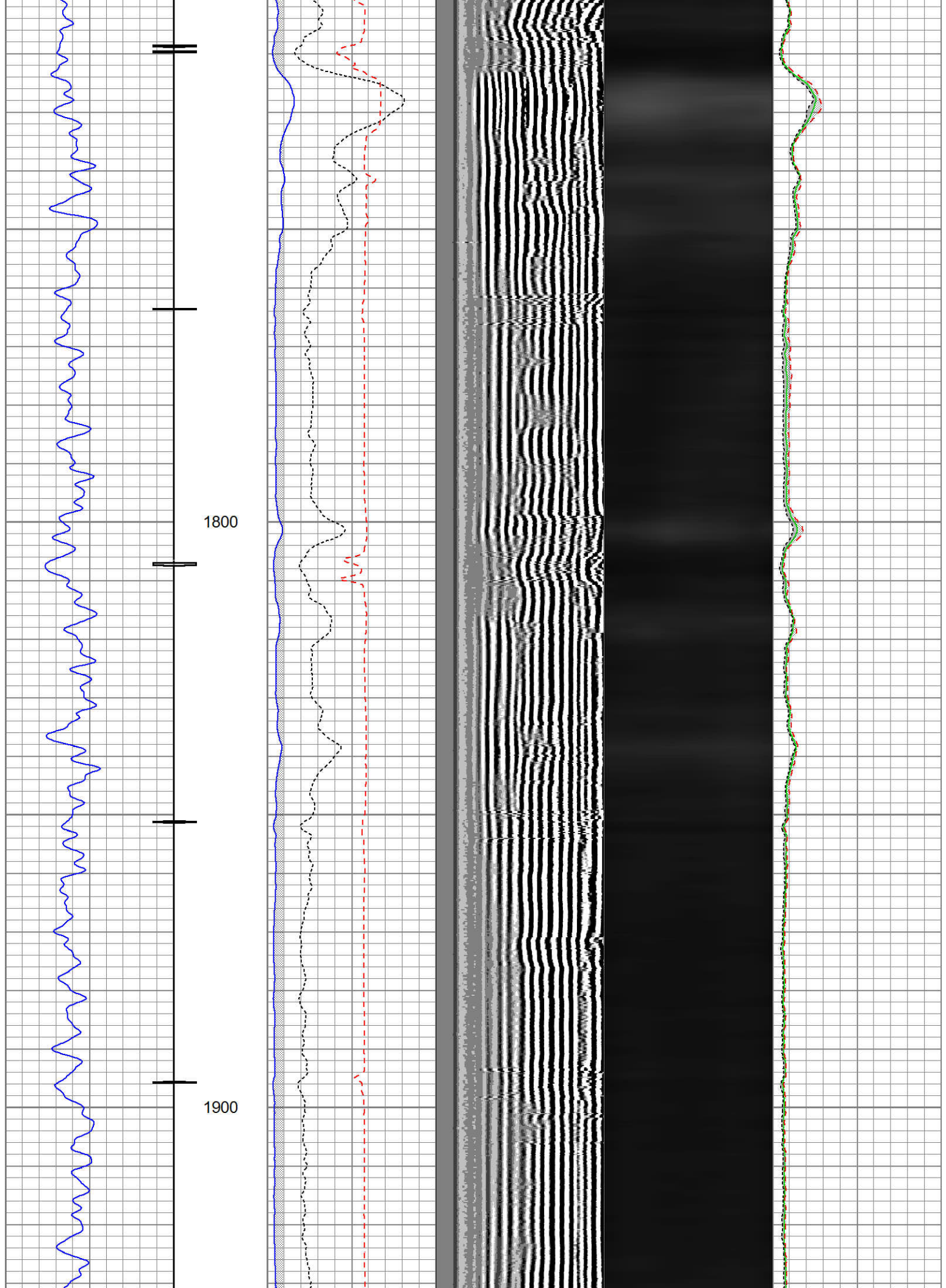




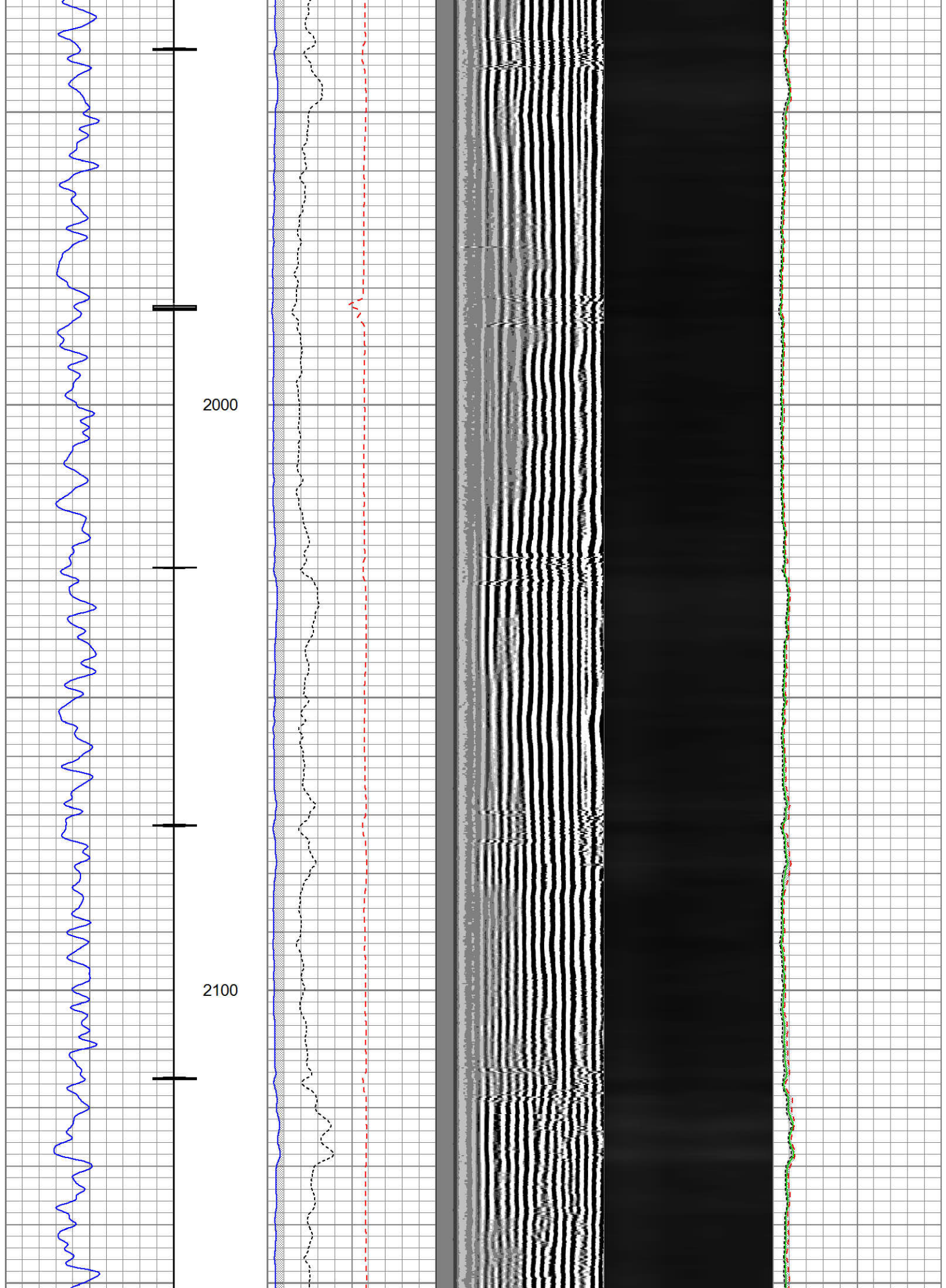


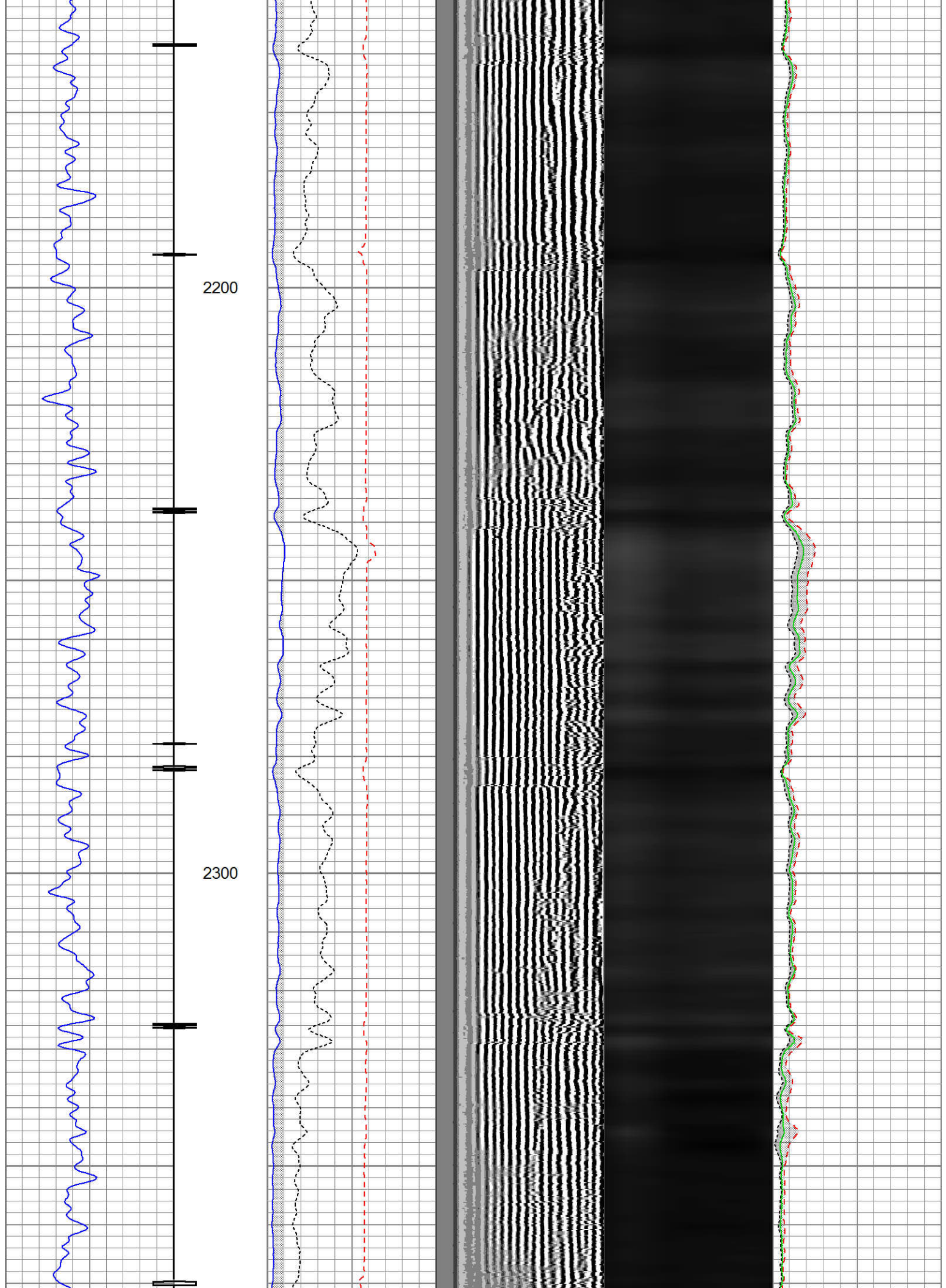




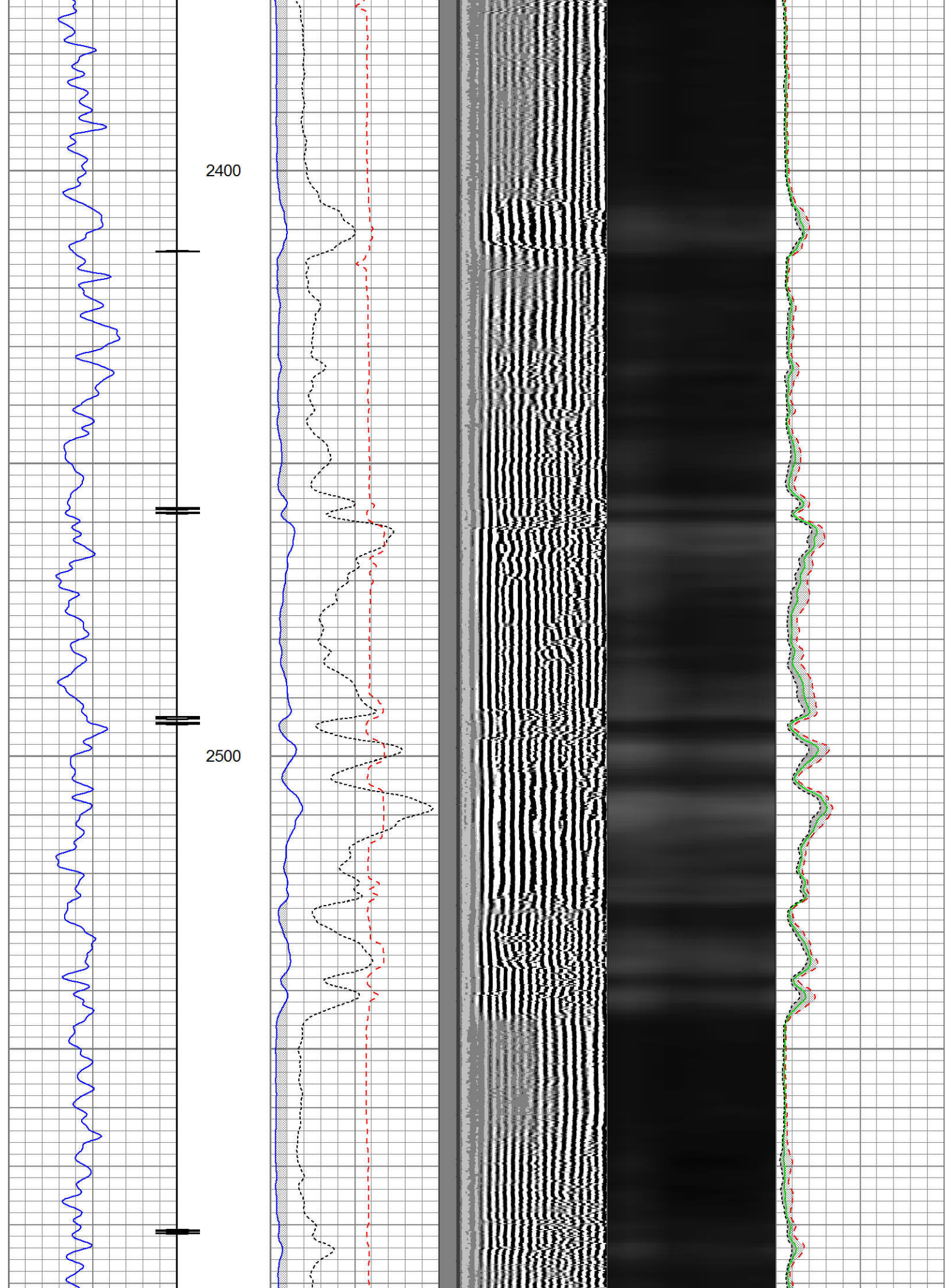


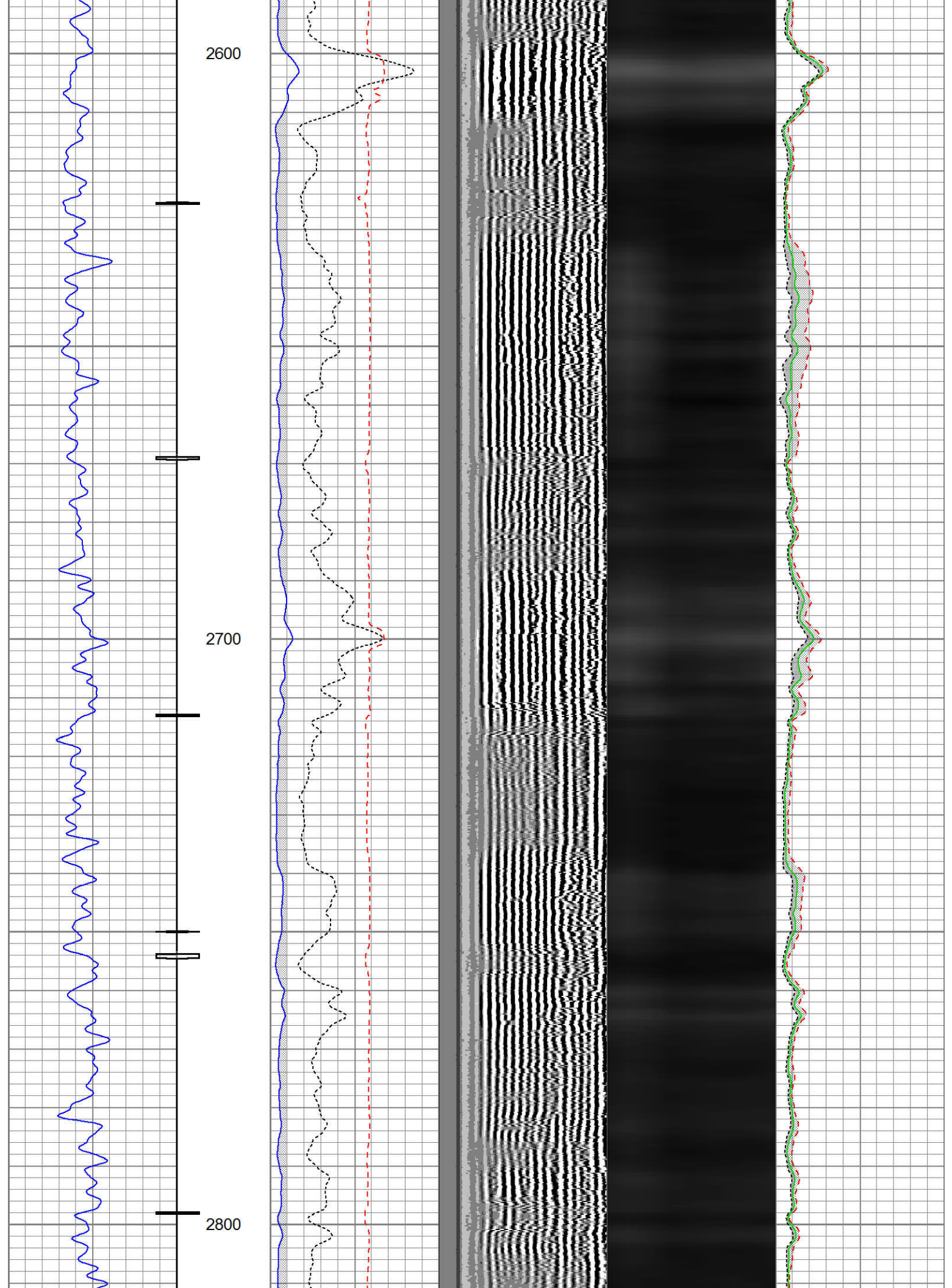




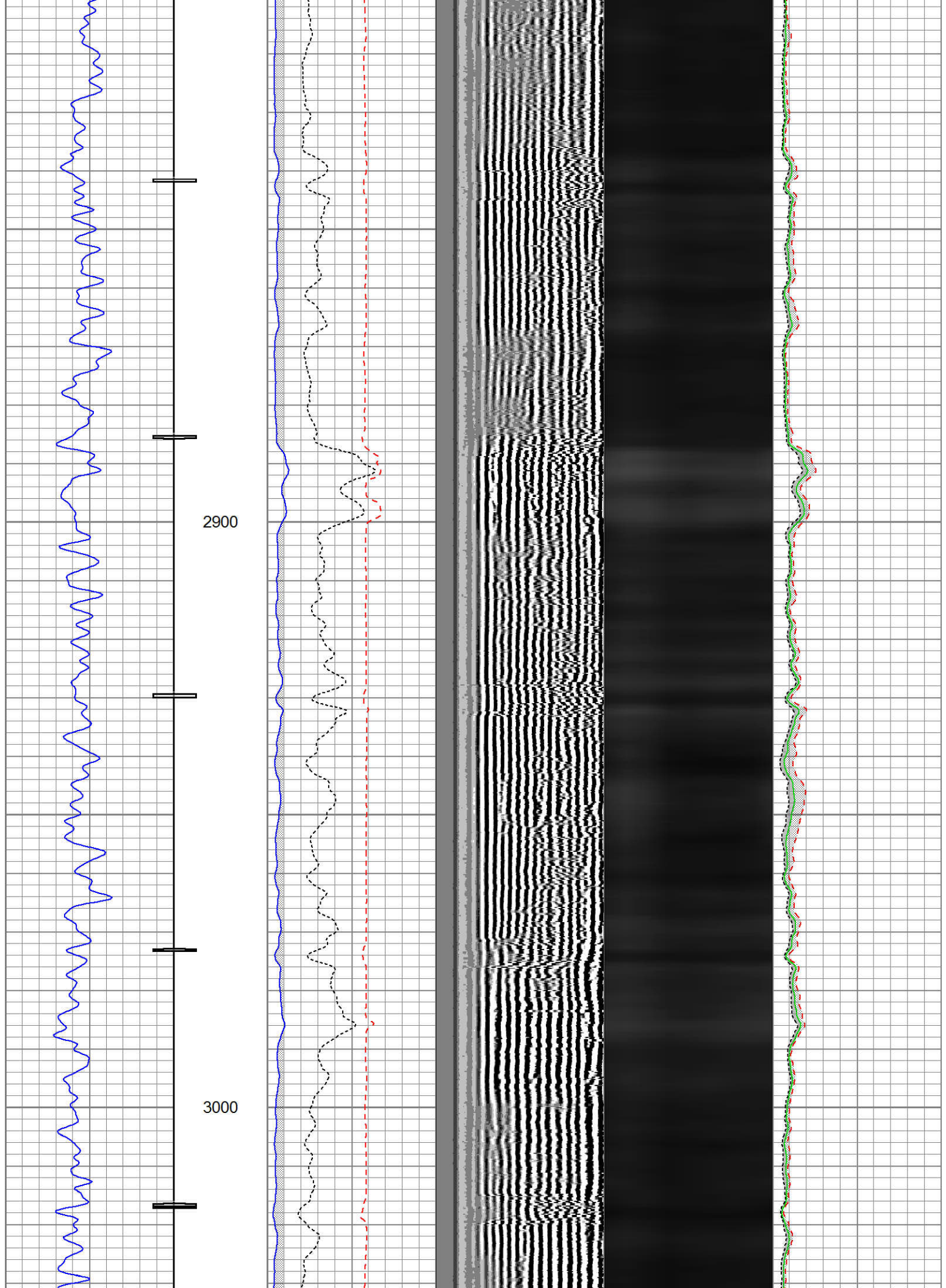


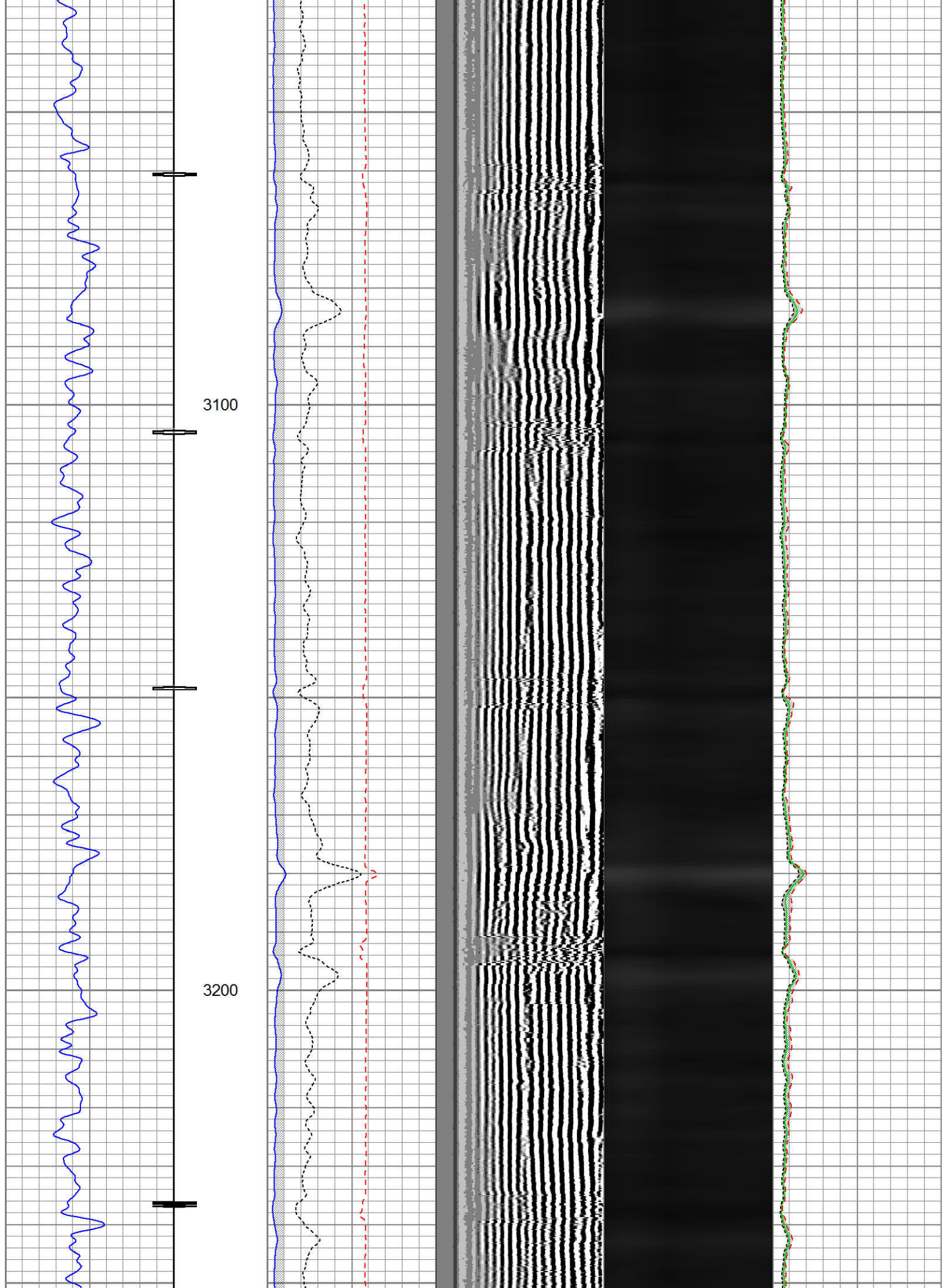




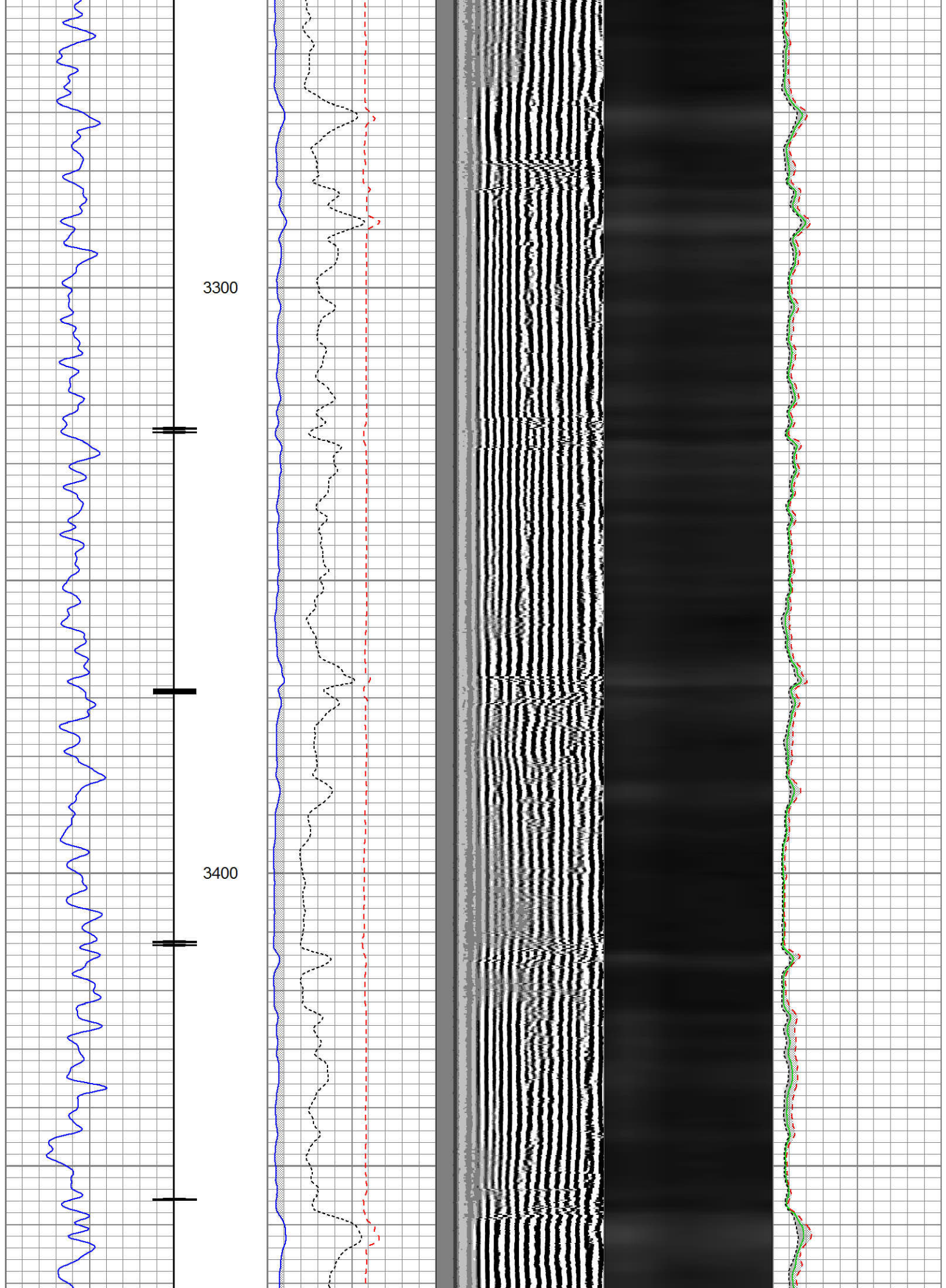


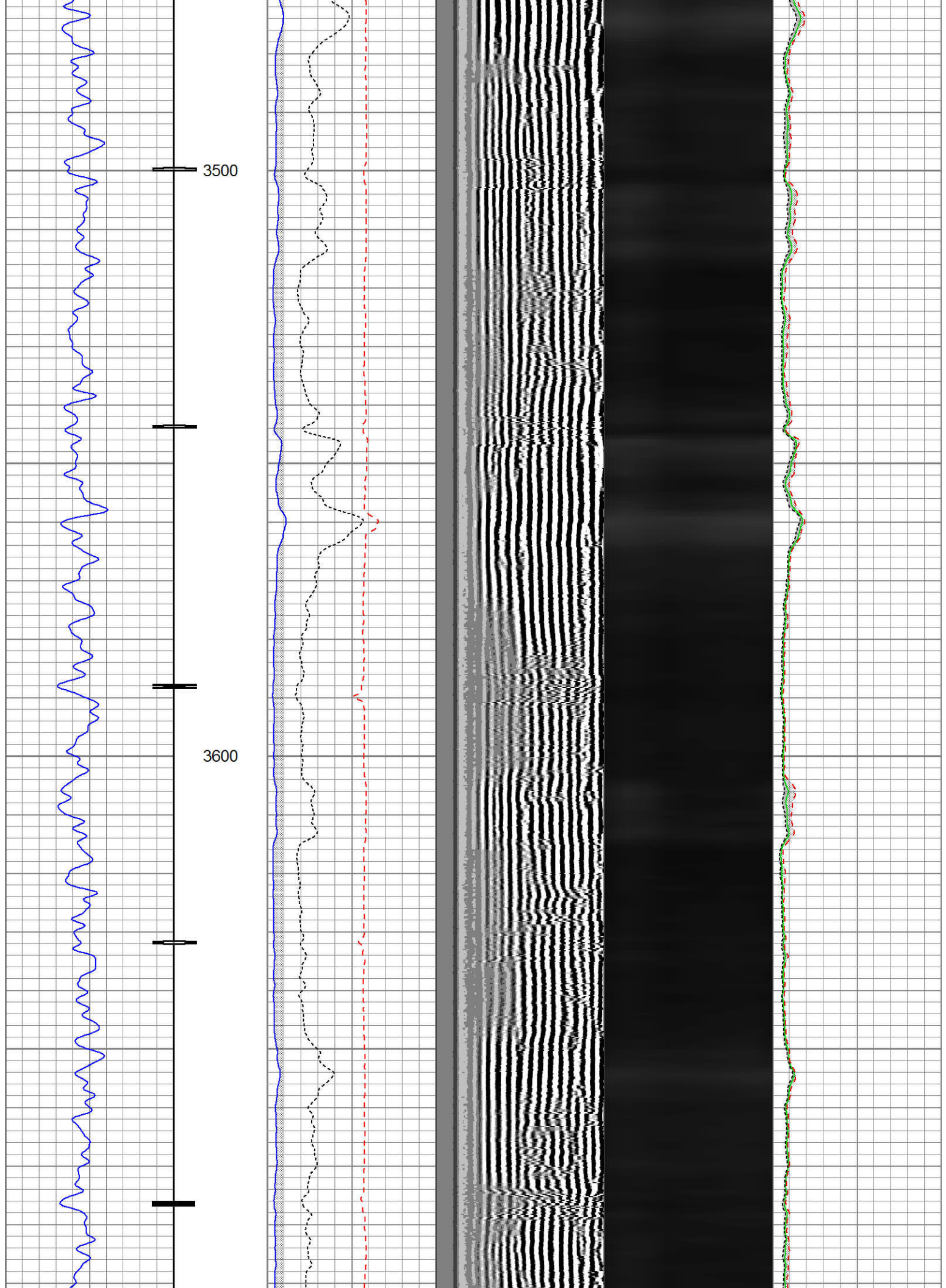




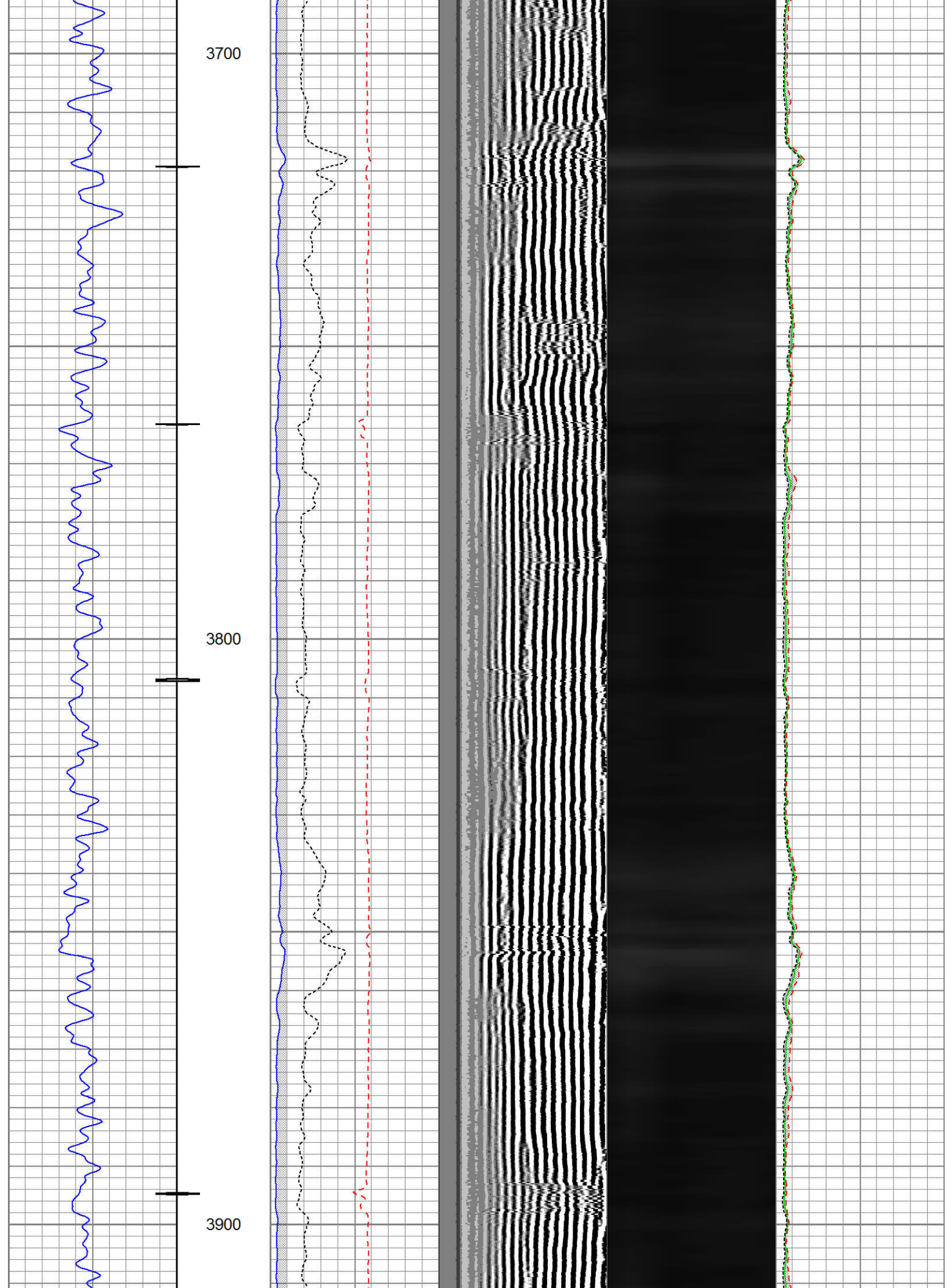


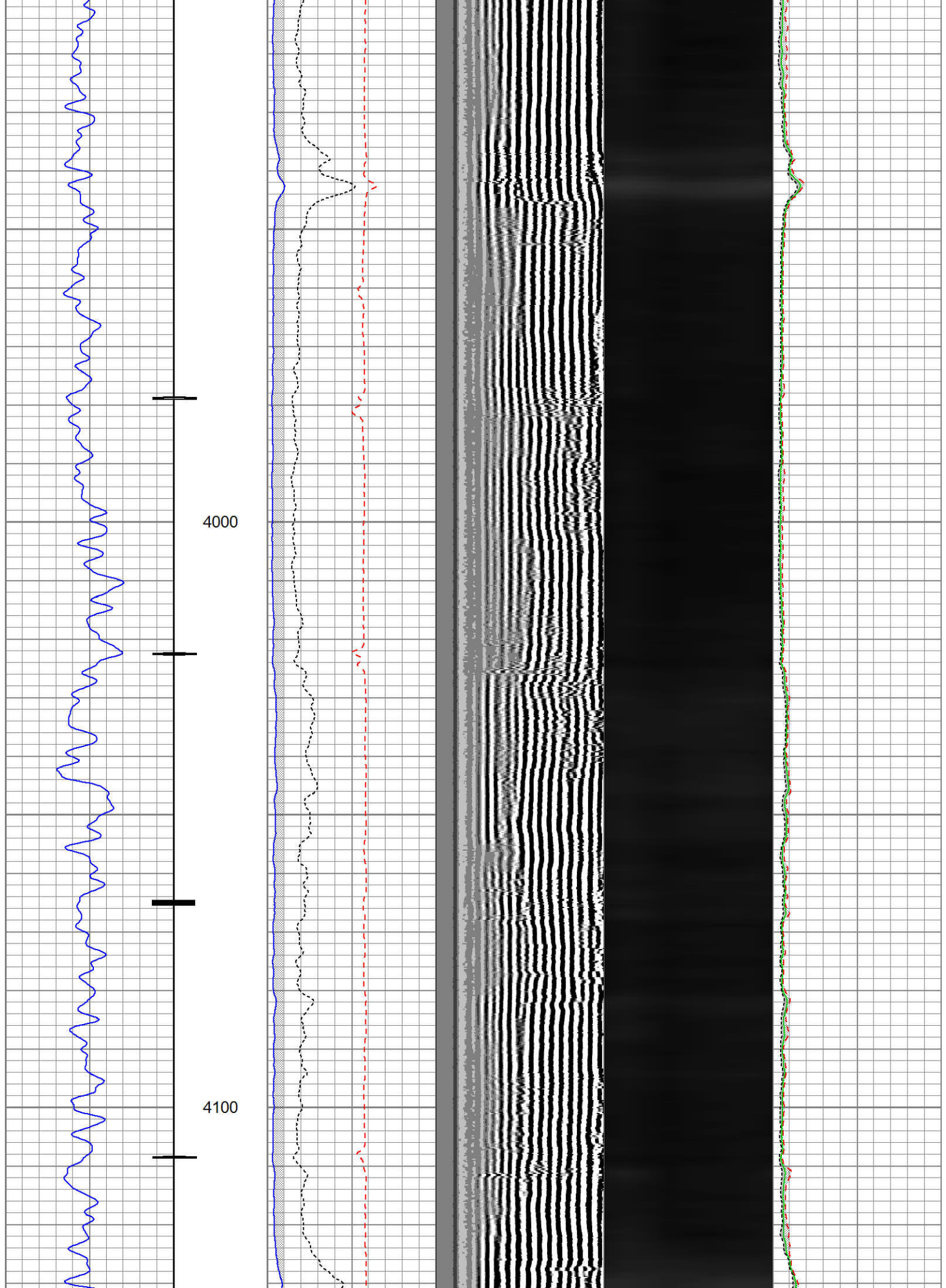




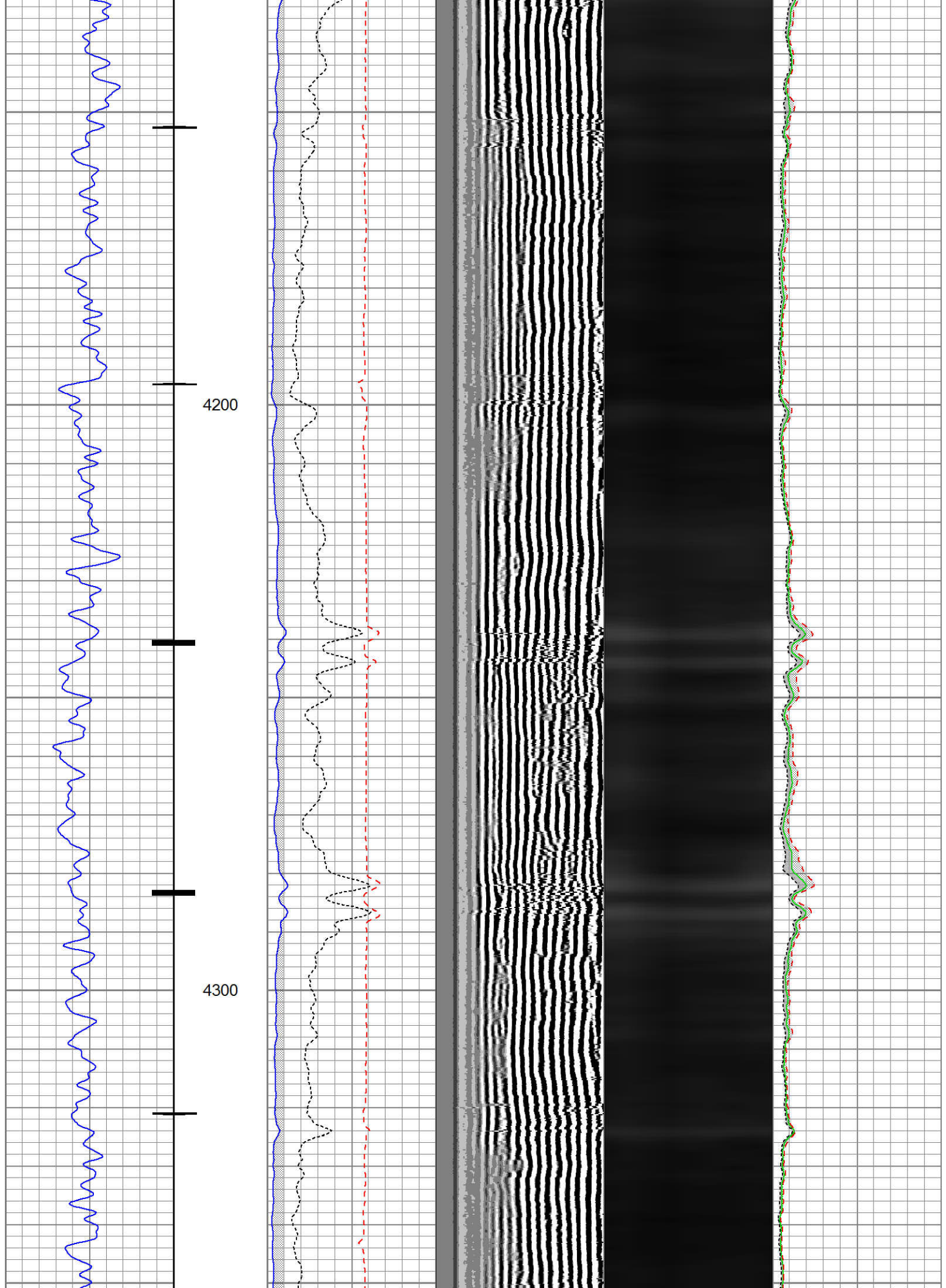


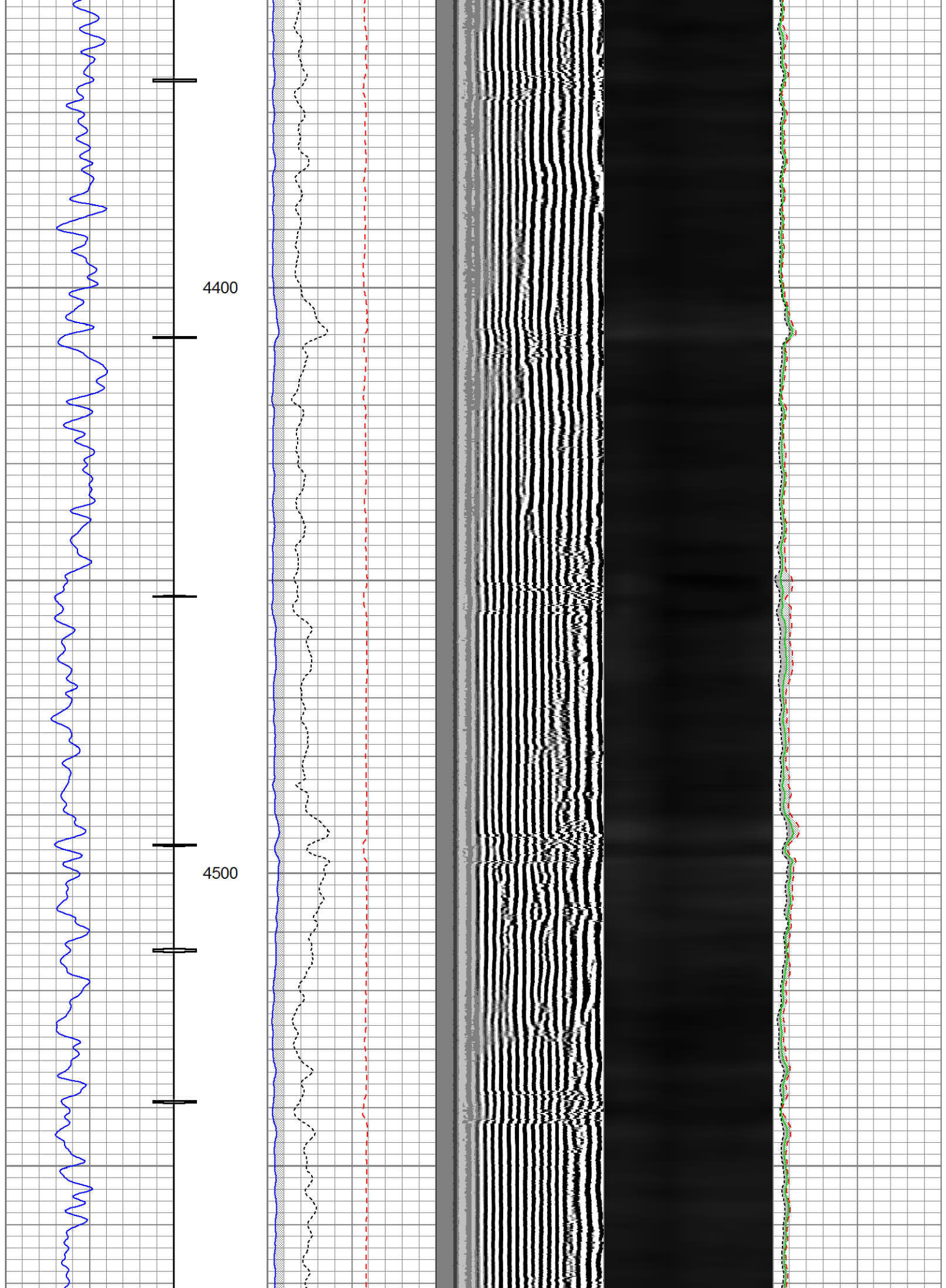




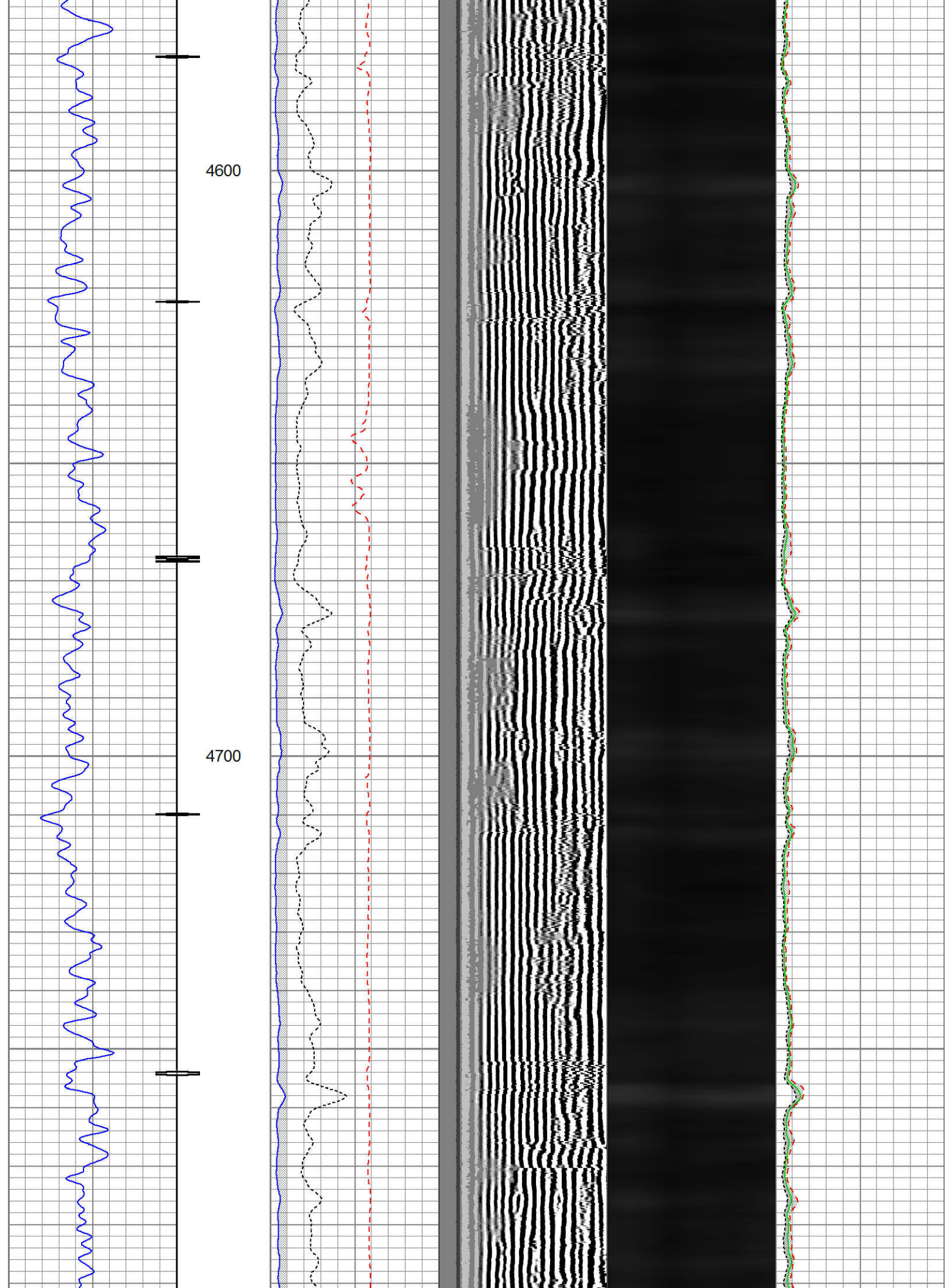


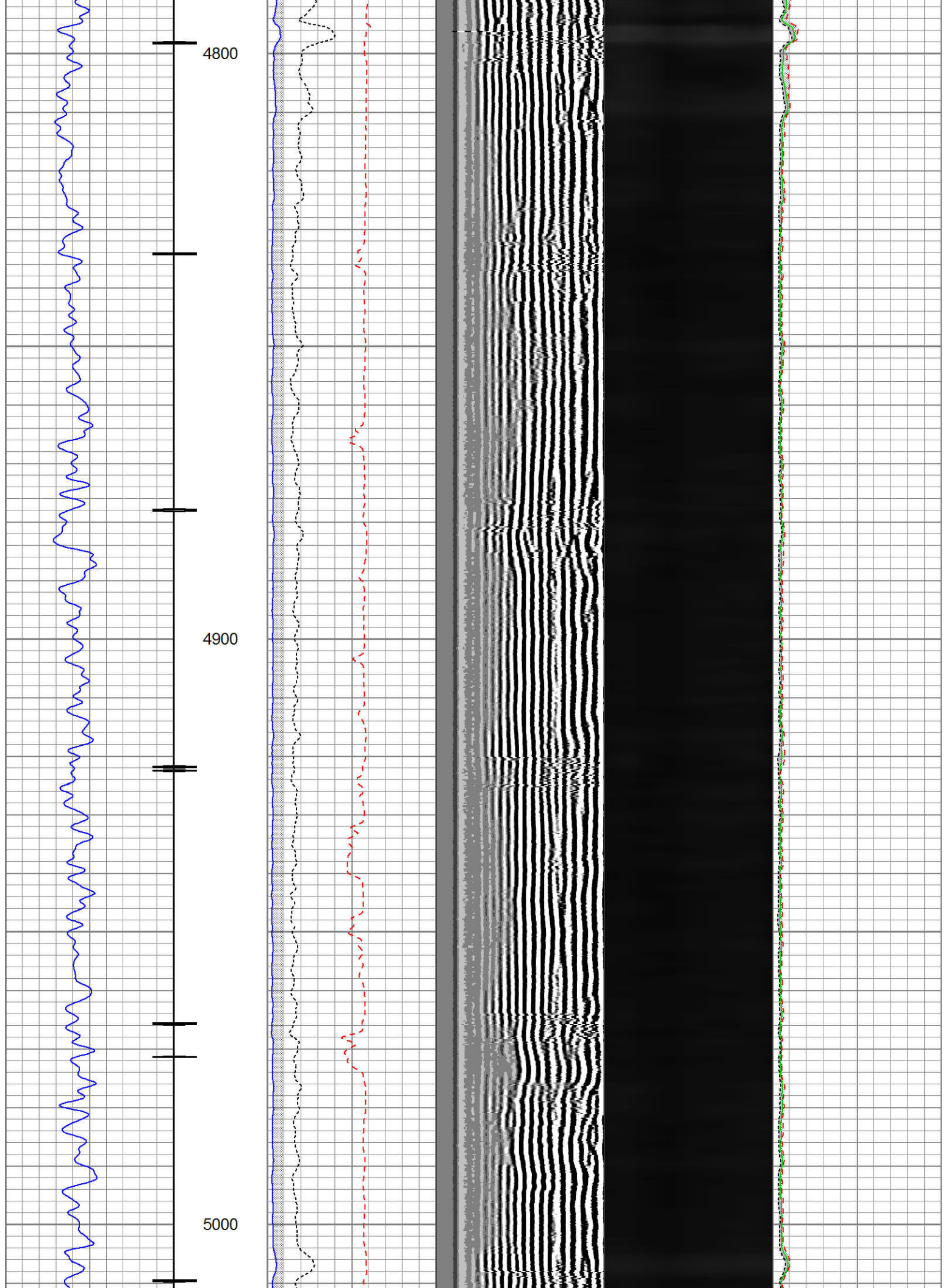




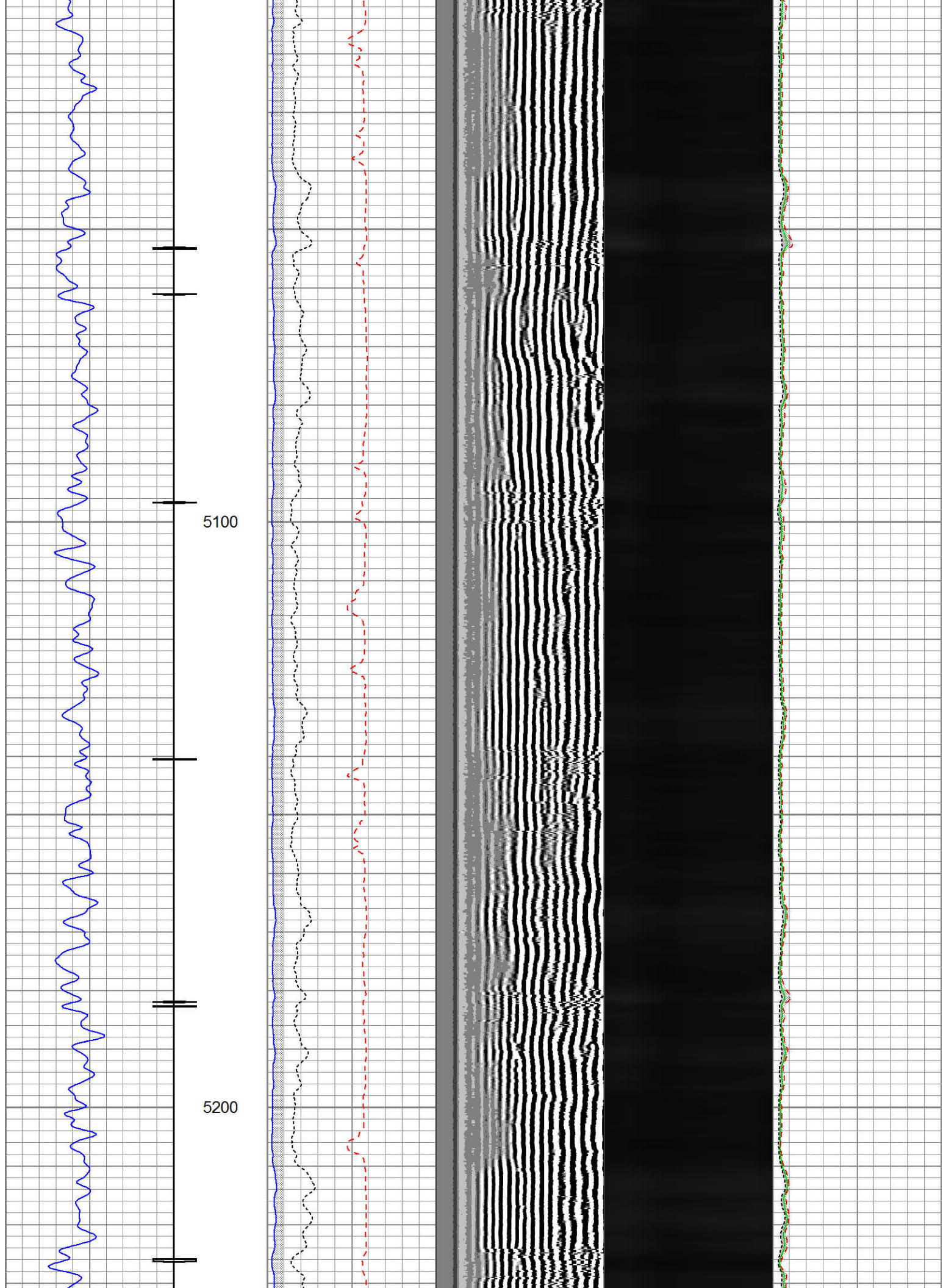


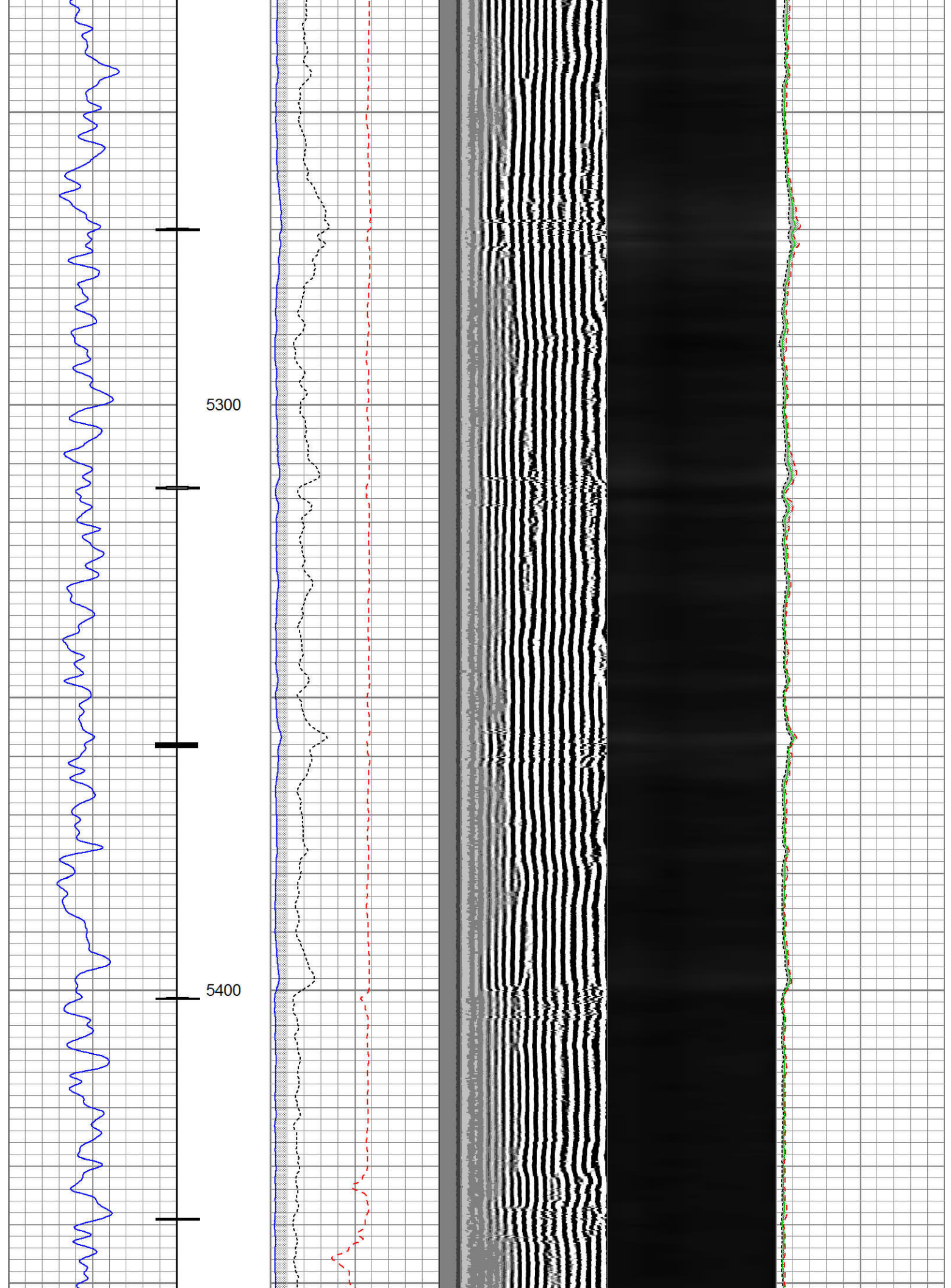




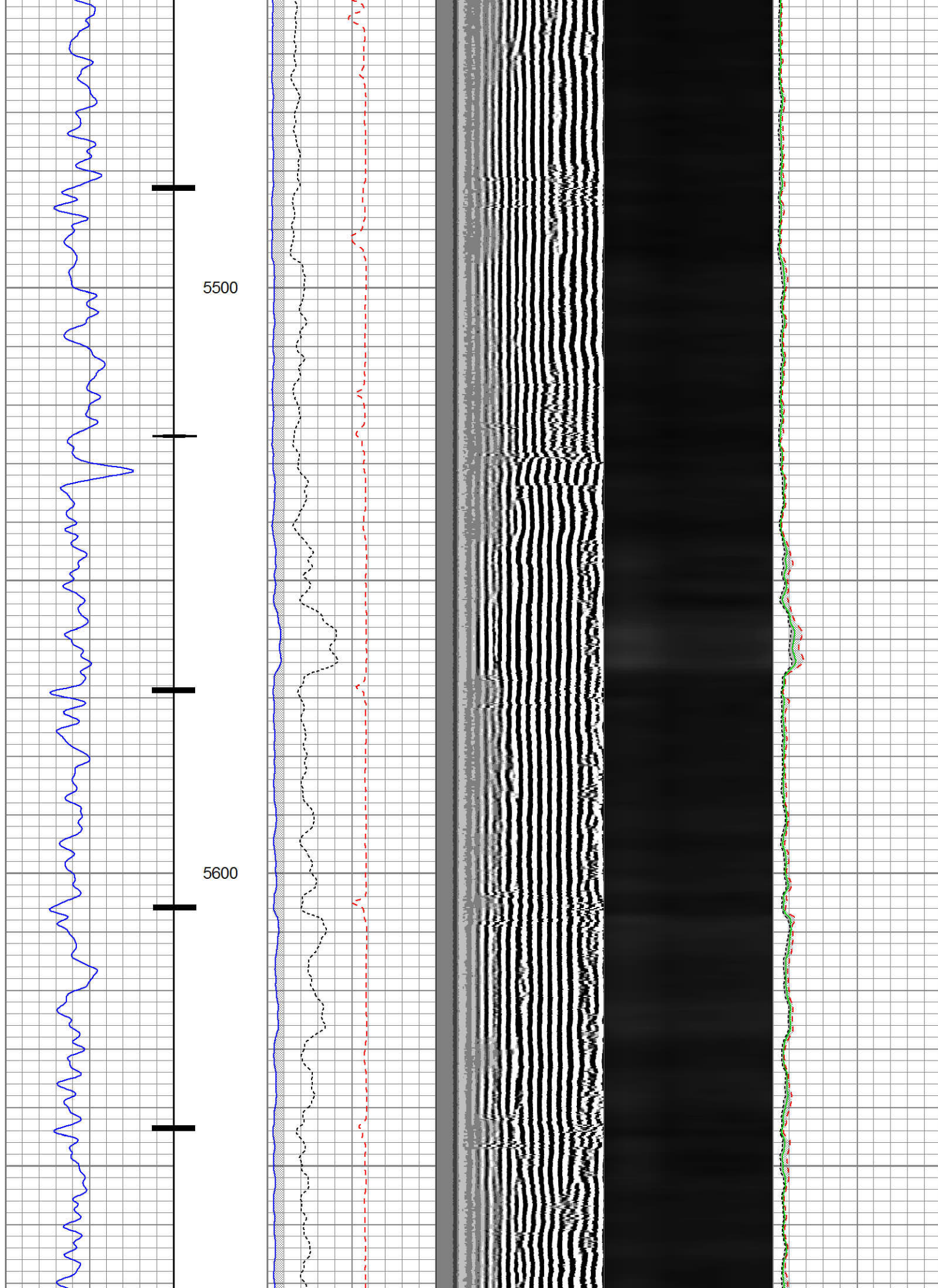


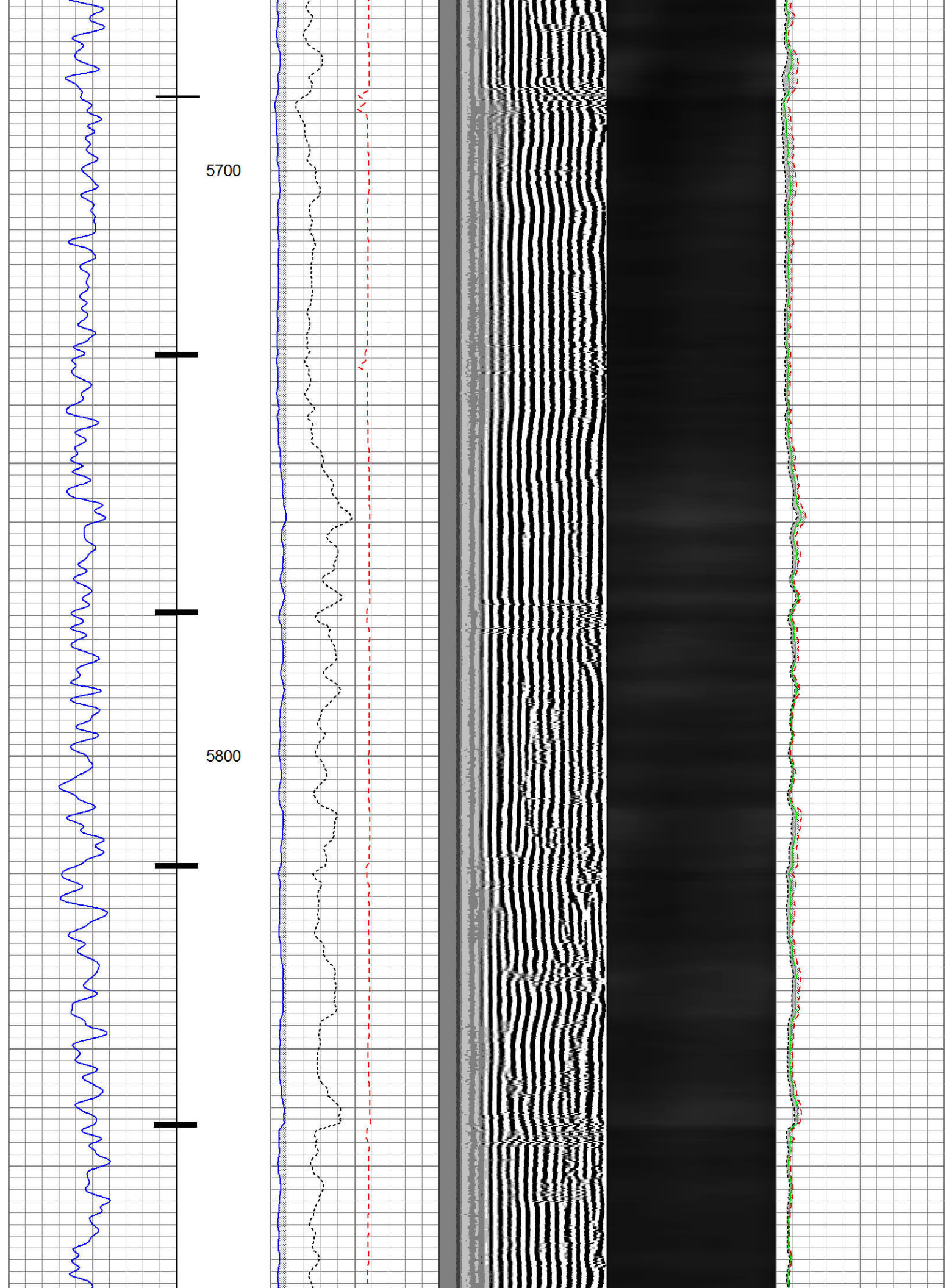




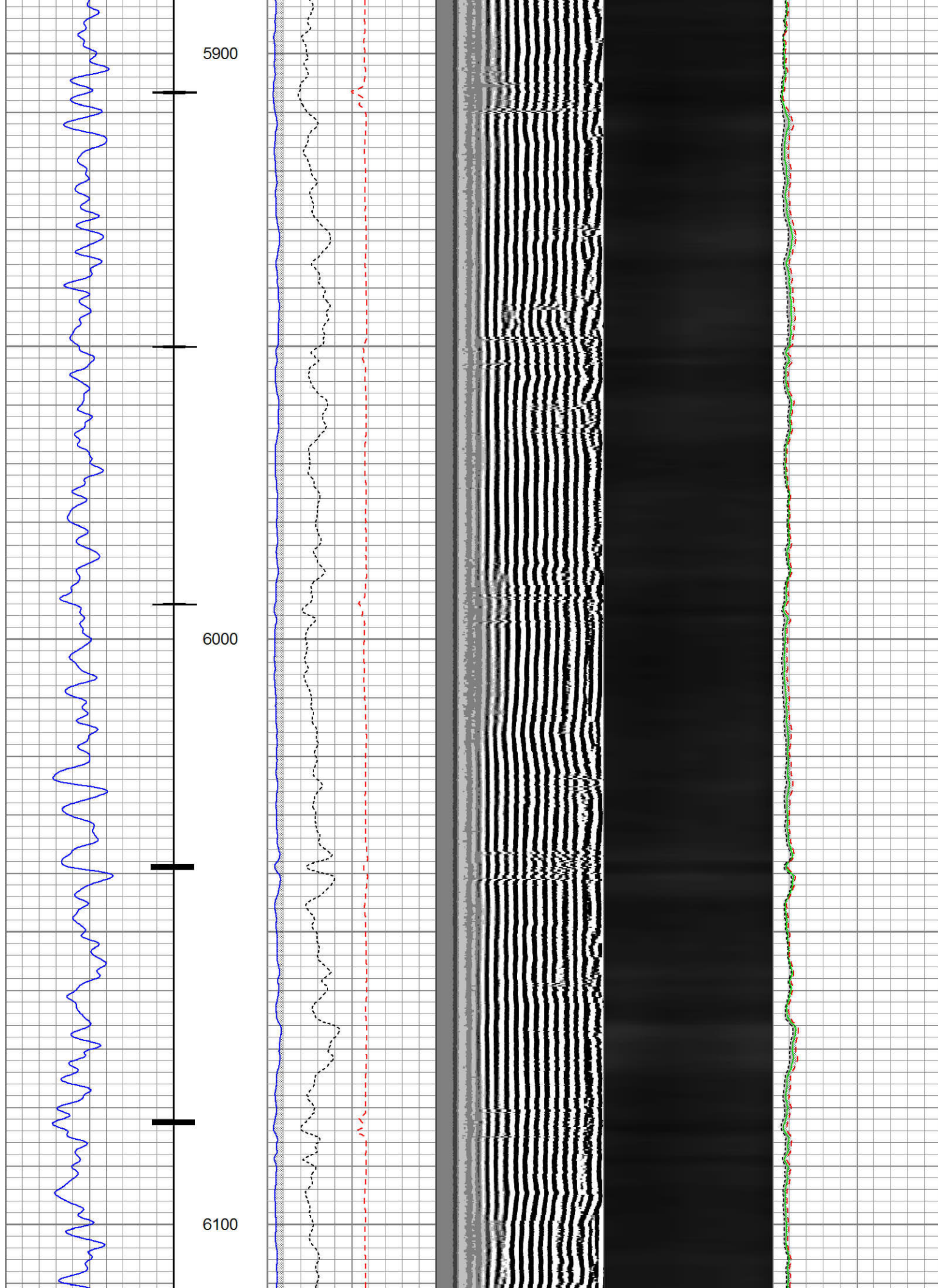


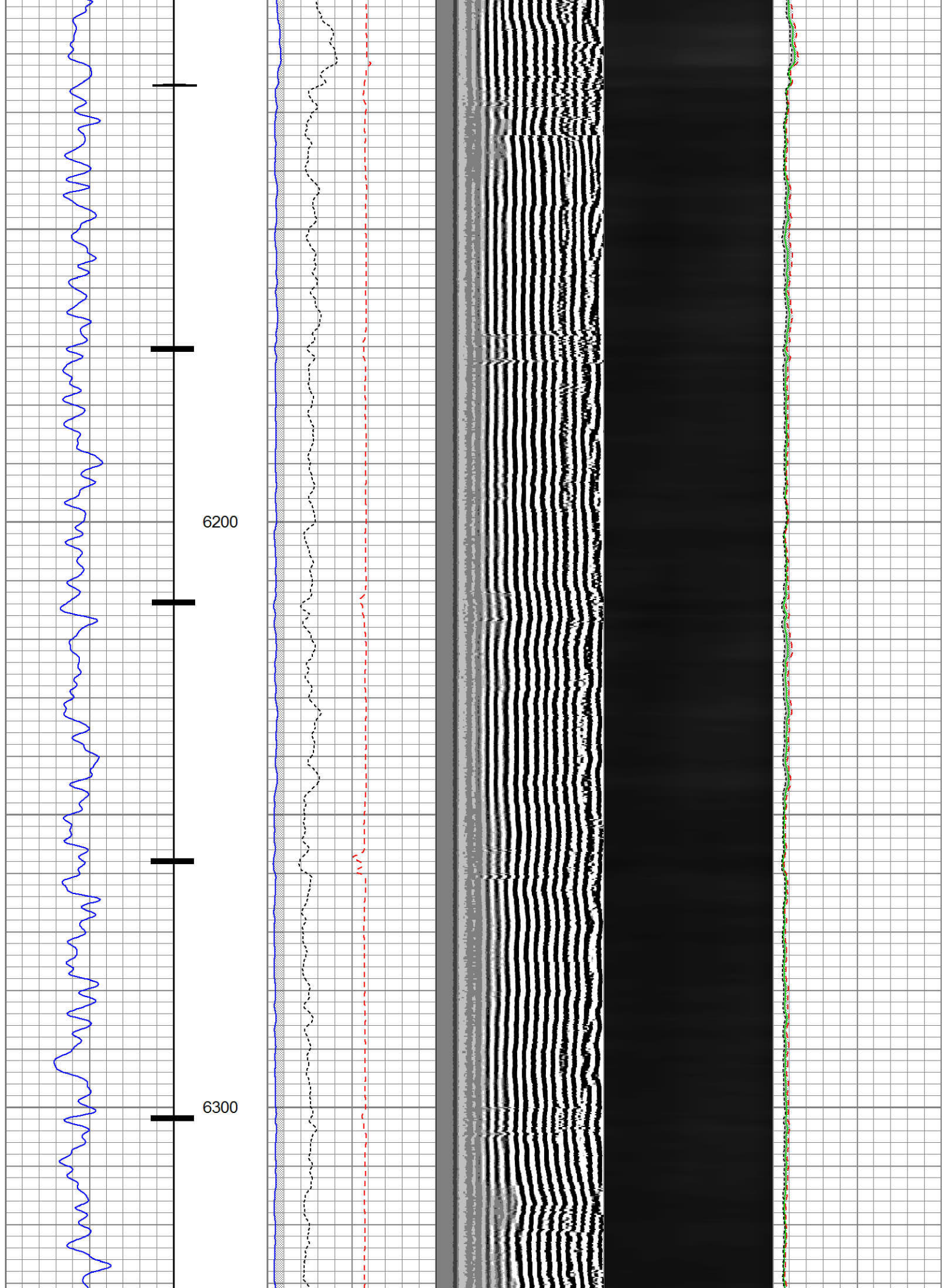




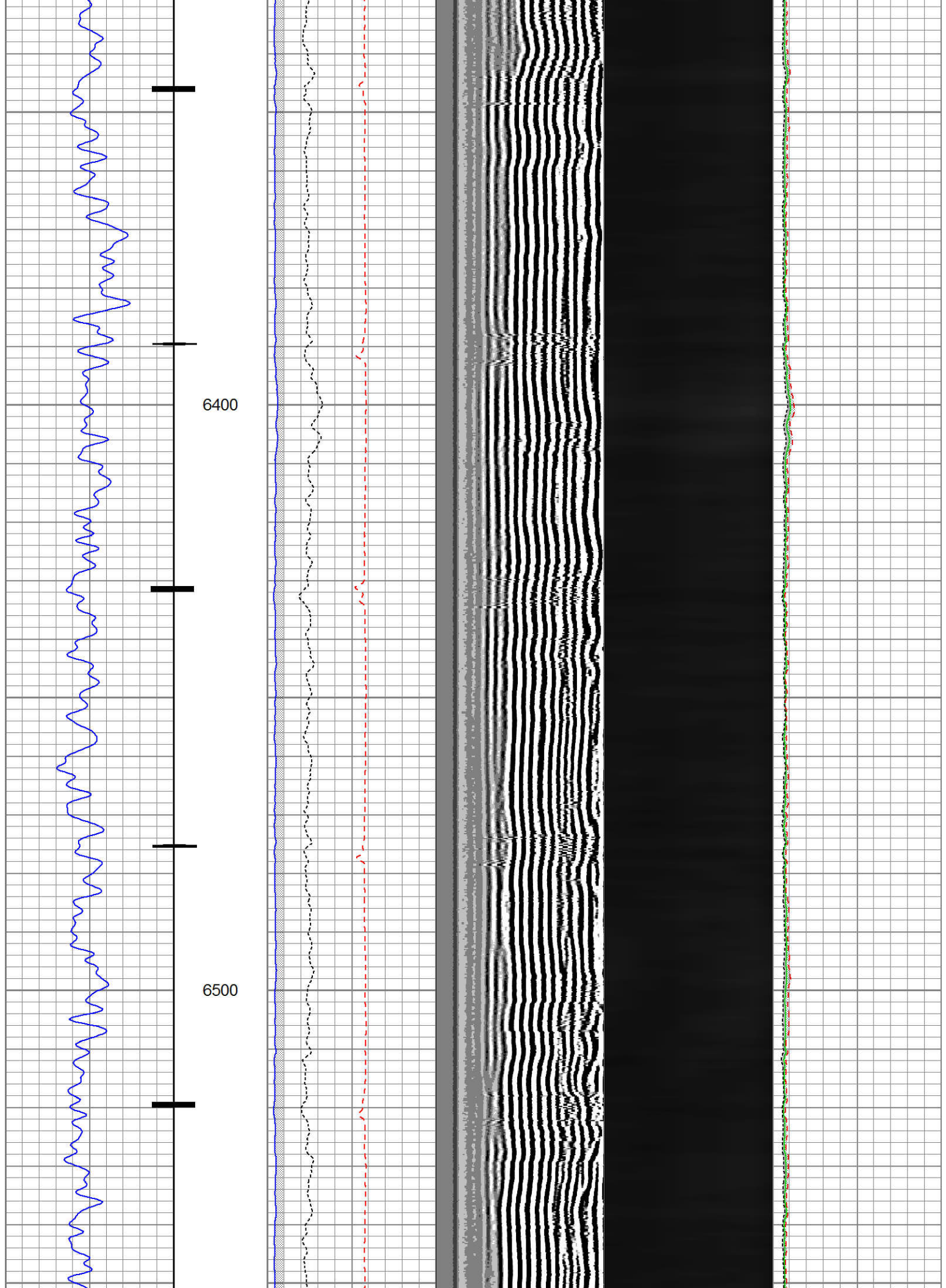


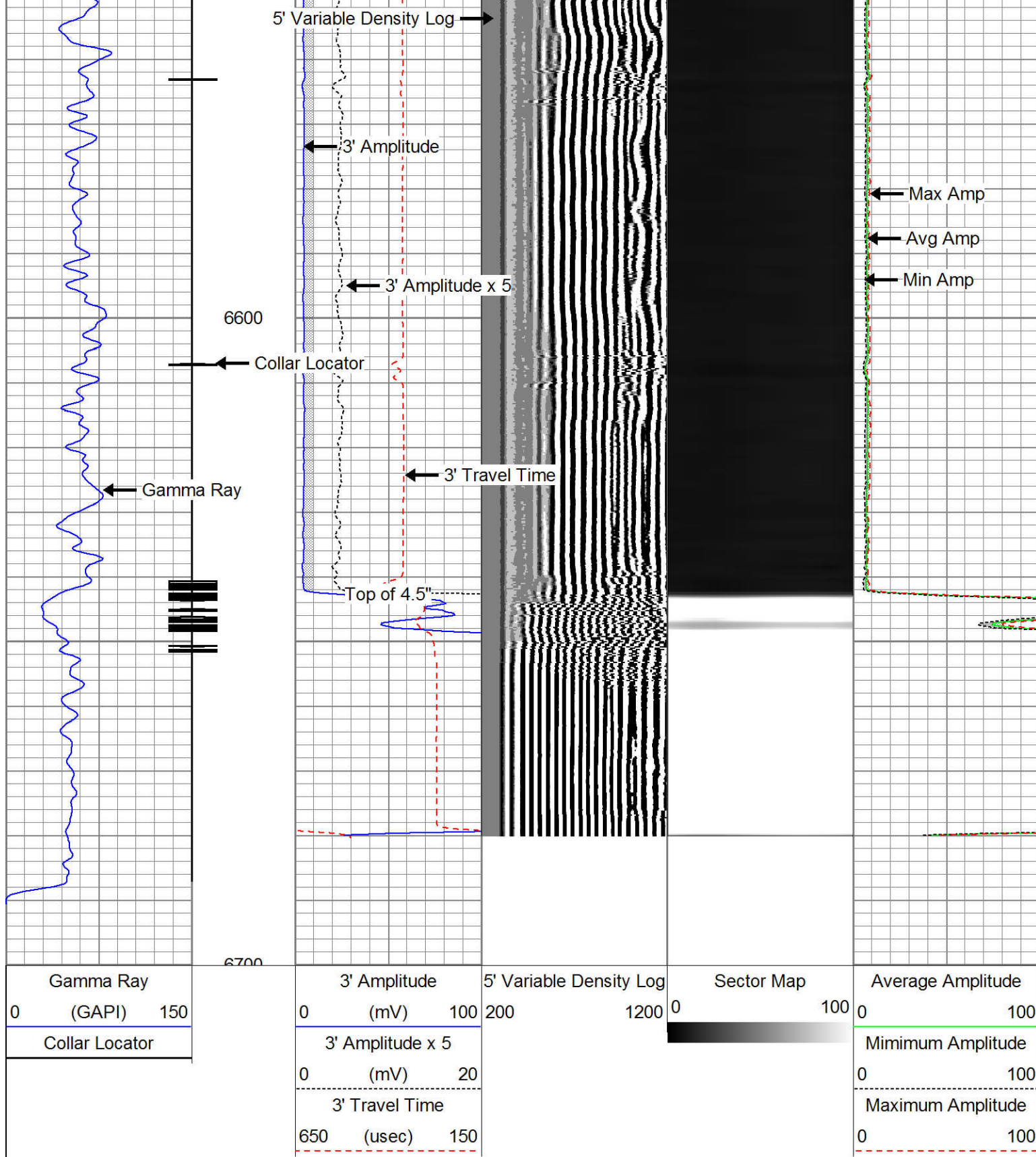










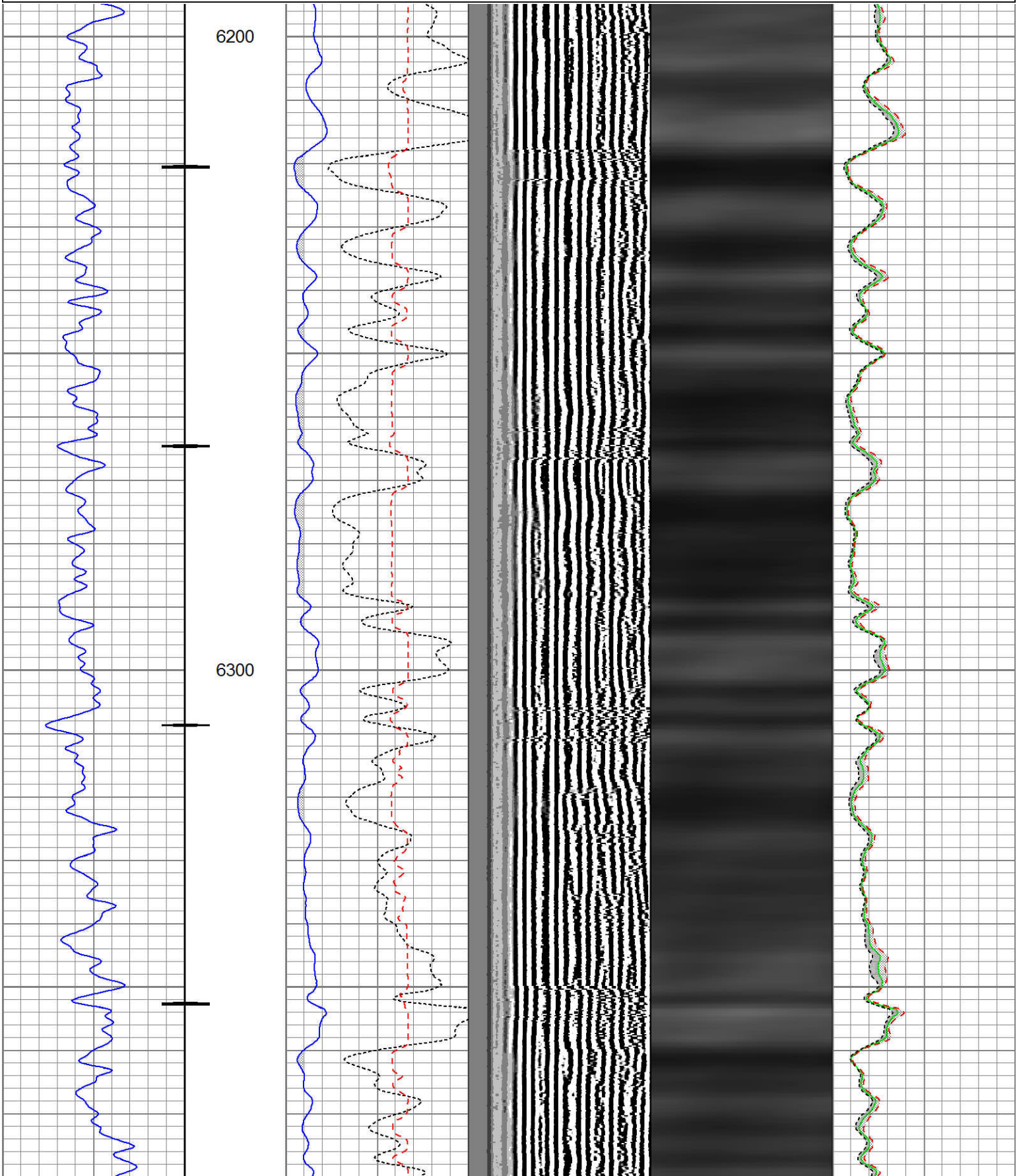


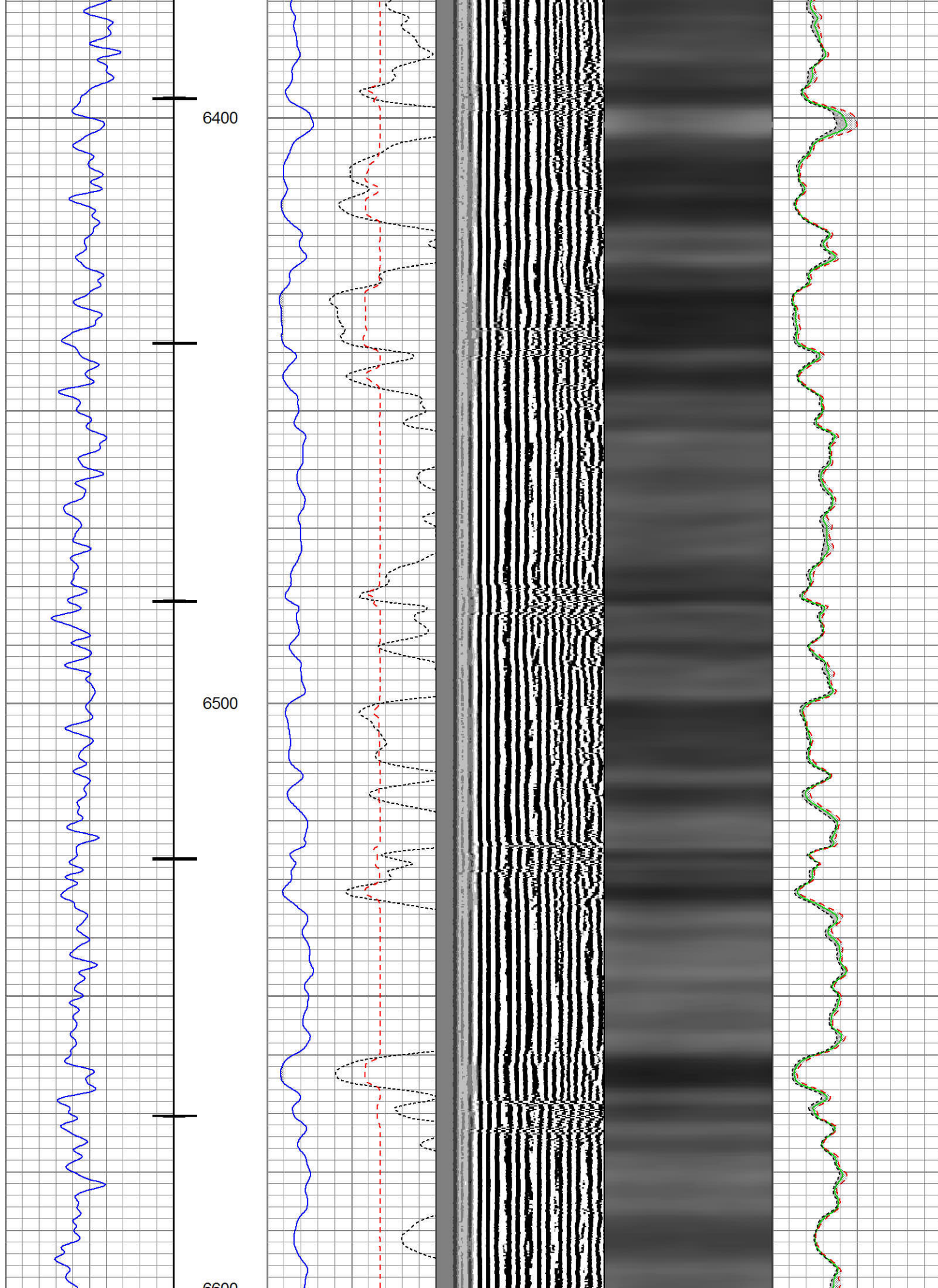
# Repeat Pass 0 PSI

Database File: kmg bydalek 28c-20hz.db  
 Dataset Pathname: pass6  
 Presentation Format: rbt007  
 Dataset Creation: Tue May 21 11:41:12 2013 by Log SCH 111116  
 Plot Title: Repeat Pass 0 PSI

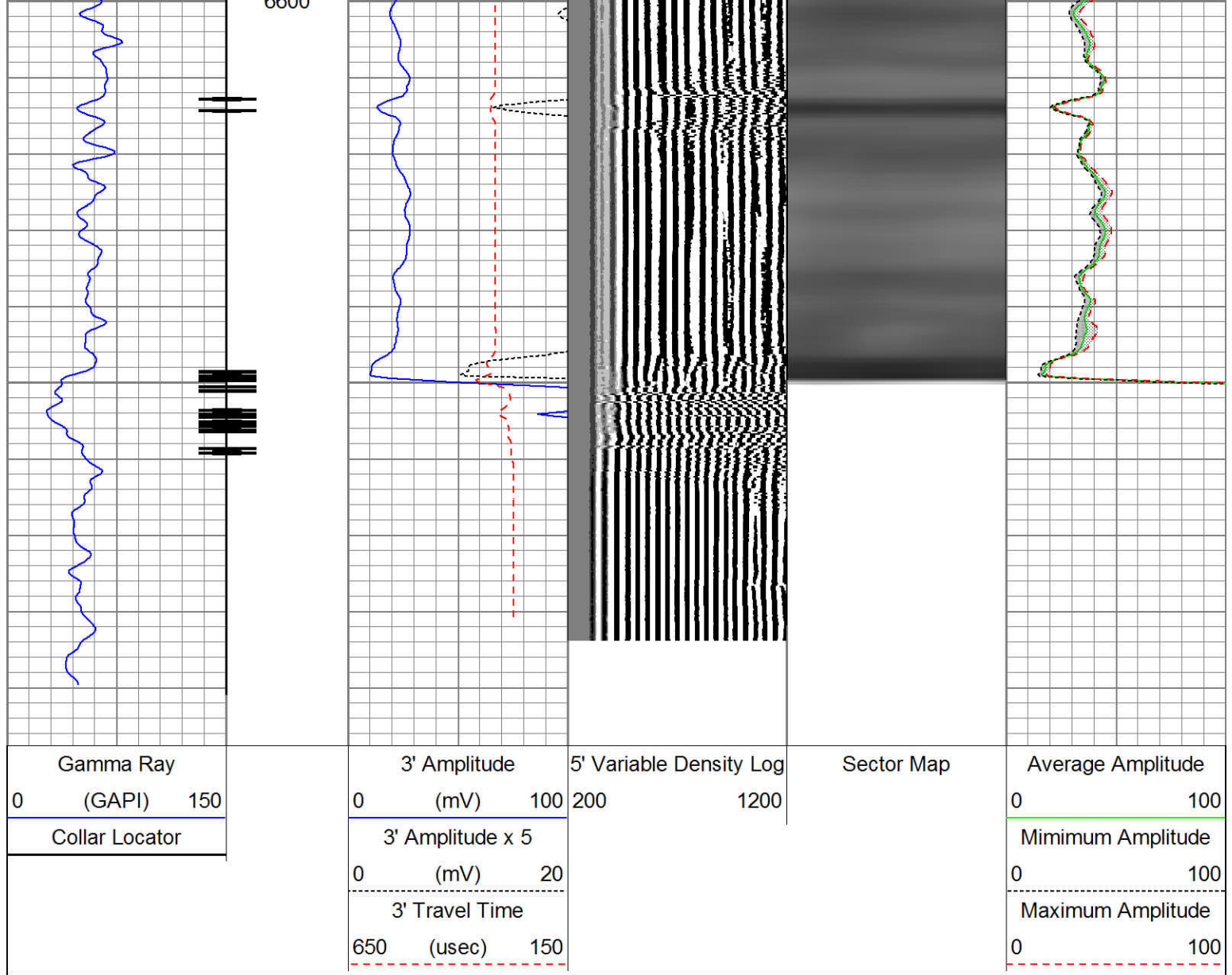


Charted by:		Depth in Feet scaled 1:240			
Gamma Ray		3' Amplitude		5' Variable Density Log	
0	(GAPI) 150	0	(mV) 100	200	1200
Collar Locator		3' Amplitude x 5		Sector Map	
		0	(mV) 20	Average Amplitude	
		3' Travel Time		Minimum Amplitude	
		650	(usec) 150	0	100
				Maximum Amplitude	
				0	100









Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Titan_1_11_16	1.04	1.69	5.00
			Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
			Probe_RADII-C-2-3/4" (FW1302-001in7") Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.21	2.75	100.00
Temp	16.68					
WVF3FT	14.57					
WVFCAL	14.57					

WVFS1	14.57							
WVFS2	14.57							
WVFS3	14.57							
WVFS4	14.57							
WVFS5	14.57							
WVFS6	14.57							
WVFS7	14.57							
WVFS8	14.57							
WVF5FT	13.57							
RHeadVolt	10.34							
				Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00	
CCL	6.59							
DCCL	6.59							
GR	5.25			Probe_CCL_GR-2.75"Digital (FW1302-12C4.58 Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	2.75	55.00	
				Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00	

Dataset:

anadarko hudson 13n-35hz-rbl.db: field/well/run1/proc2

Total Length:

23.47 ft

Total Weight:

190.00 lb

O.D.

2.75 in

Calibration Report

Database File:

kmg bydalek 28c-20hz.db

Dataset Pathname:

pass7

Dataset Creation:

Tue May 21 11:52:51 2013 by Log SCH 111116

Gamma Ray Calibration Report

Serial Number:

FW1211-026

Tool Model:

2.75"Digital

Performed:

Tue May 21 11:02:45 2013

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.5

cps

Sensitivity:

0.5800

GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:

FW1302-002in4.5"

Tool Model:

2-3/4"

Calibration Casing Diameter:

7.000

in

Calibration Depth:

812.227

ft



Master Calibration, performed Tue May 21 11:19:45 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.011	0.700	0.000	62.165	90.239	-1.007
CAL	0.009	1.001				
5'	0.018	0.741	0.000	62.165	86.023	-1.550
SUM						
S1	0.013	0.707	0.000	100.000	144.050	-1.910
S2	0.012	0.794	0.000	100.000	127.796	-1.529
S3	0.011	0.797	0.000	100.000	127.258	-1.415
S4	0.009	0.742	0.000	100.000	136.365	-1.187
S5	0.009	0.688	0.000	100.000	147.185	-1.252
S6	0.009	0.660	0.000	100.000	153.555	-1.408
S7	0.009	0.652	0.000	100.000	155.499	-1.334
S8	0.009	0.674	0.000	100.000	150.467	-1.343

Internal Reference Calibration, performed Sun May 19 10:35:22 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.009	1.001	1.000	0.000

Air Zero Calibration, performed Sun May 19 10:34:44 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company Kerr-McGee Oil & Gas Onshore, L.P.  
Well Bydalek 28C-20HZ  
Field Wattenberg  
County Weld  
State Colorado