



<<< Fold Here >>>

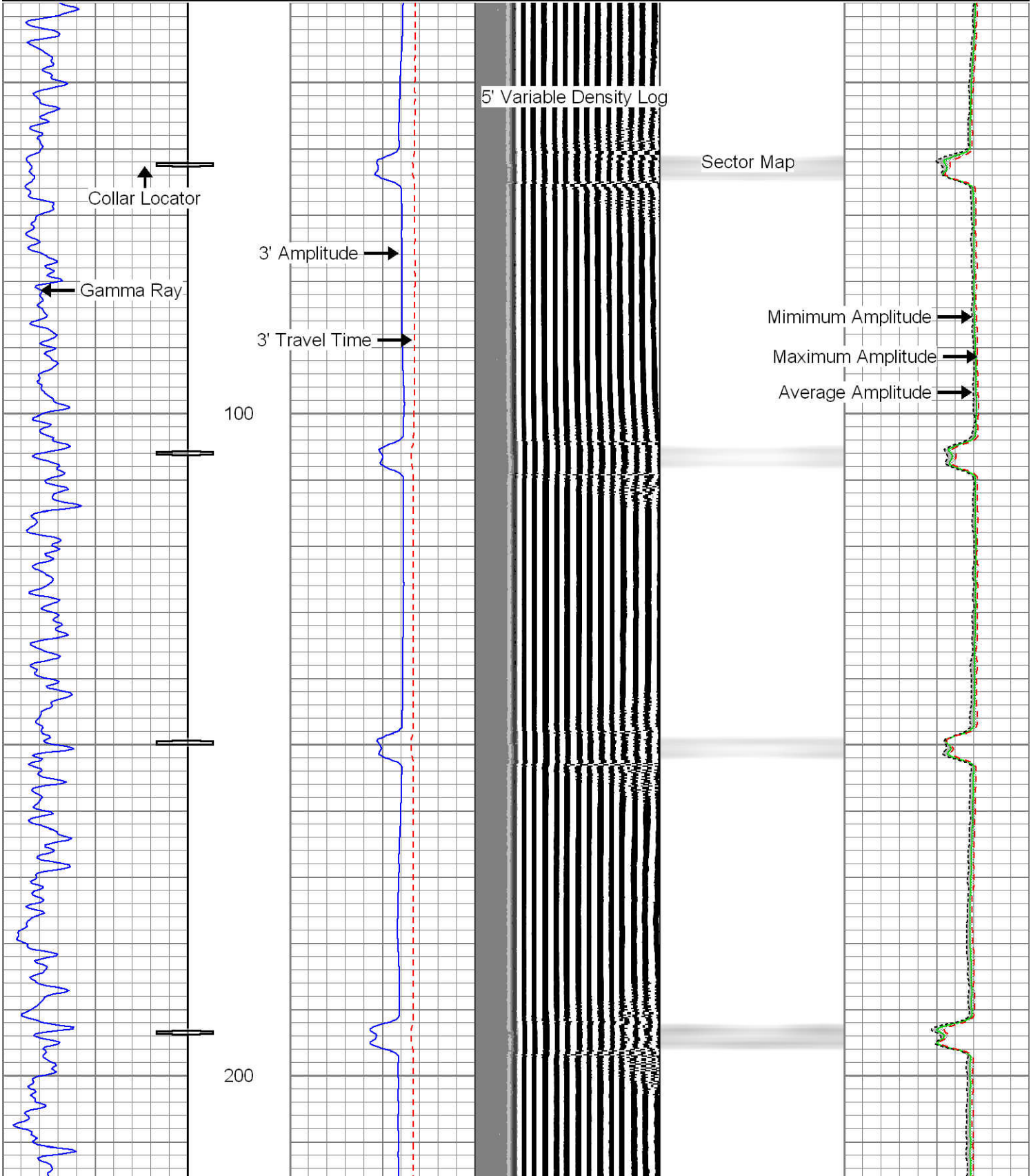
Comments

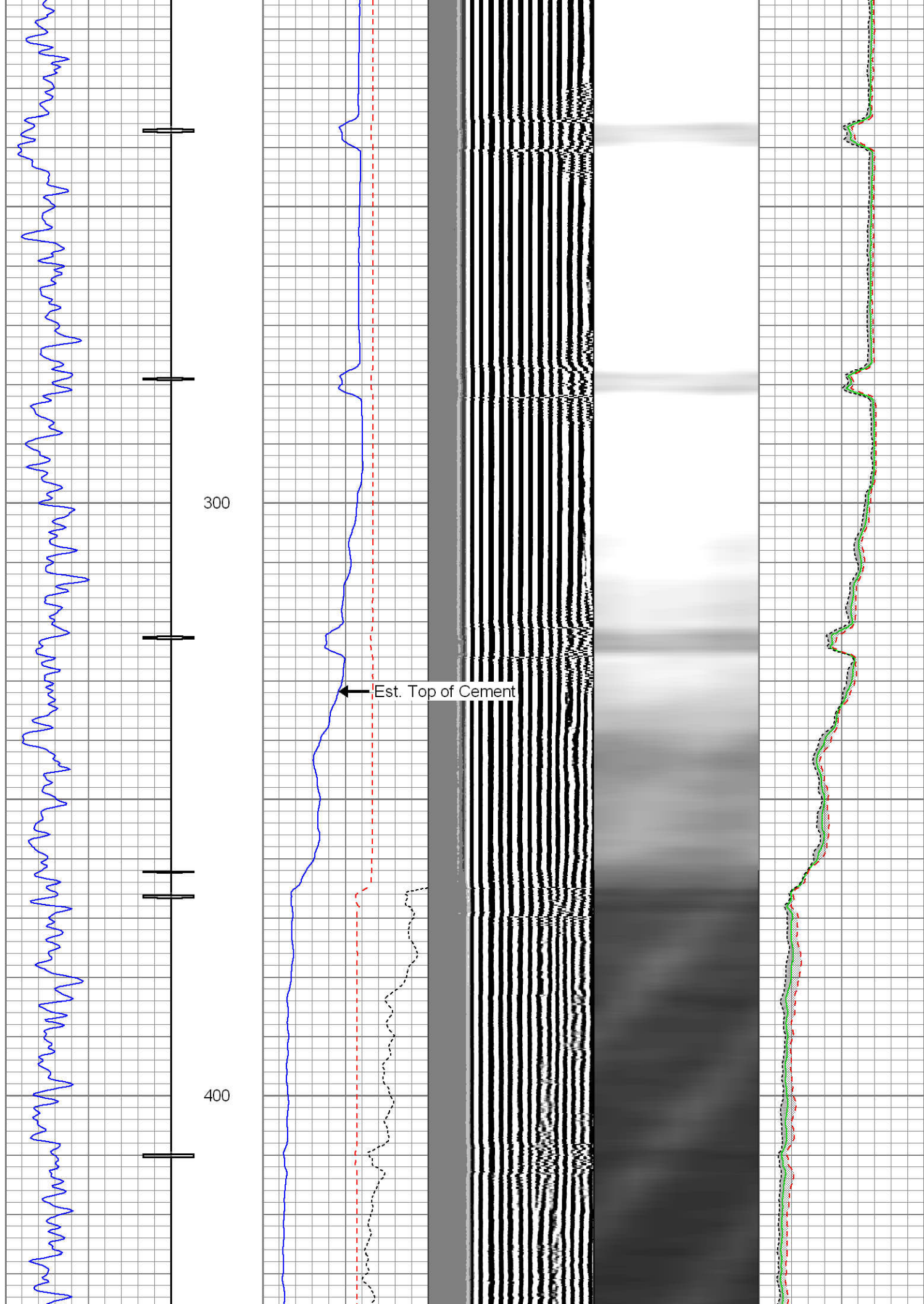
Thank You for choosing FMC Technologies Completion Services

# Main Pass @ 2800 psi

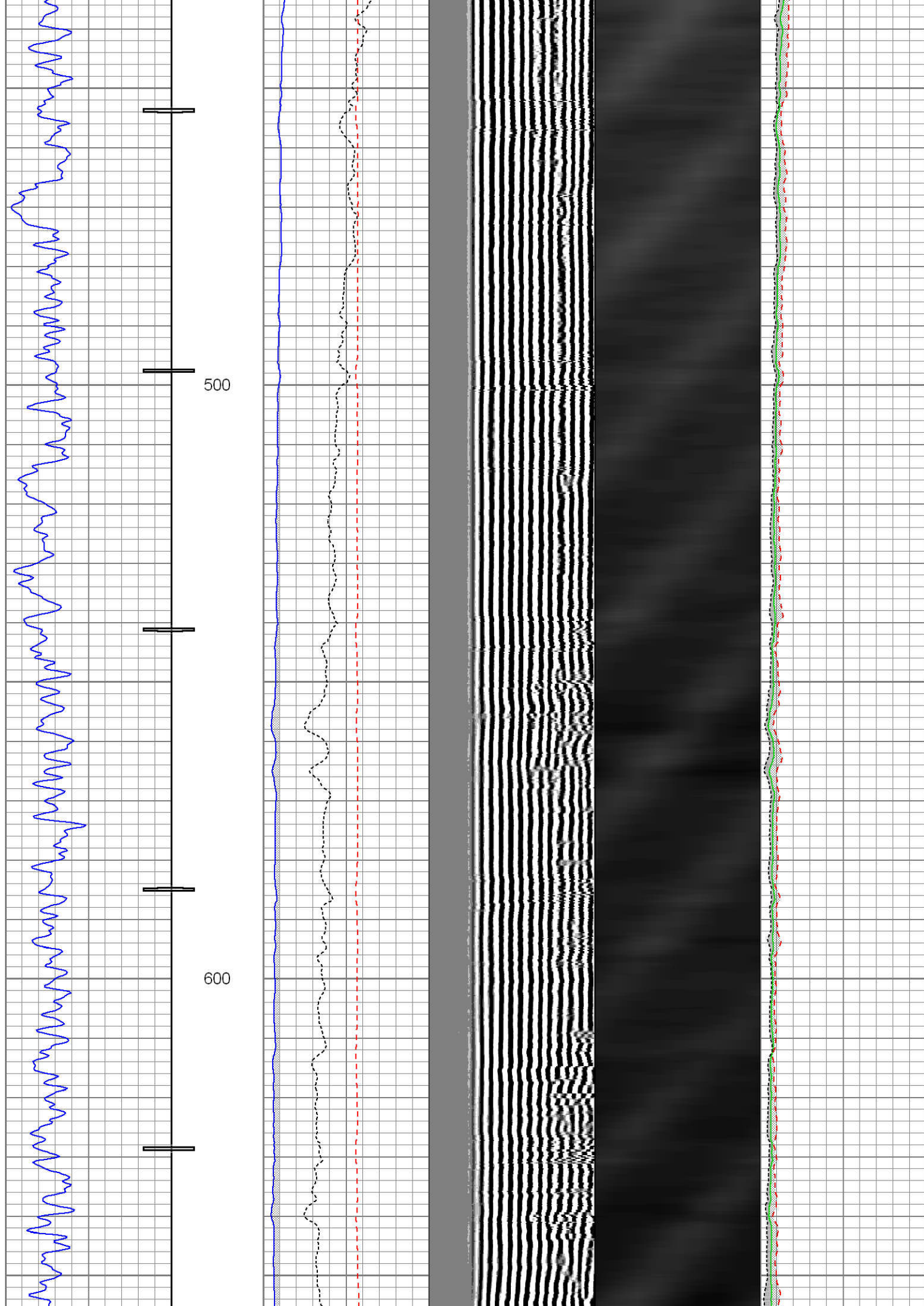
Database File: 05-123-36248\_sparboe 26c-26hz\_ wellprep.db  
Dataset Pathname: pass15

Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 150	0 (mV) 100	200 1200		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

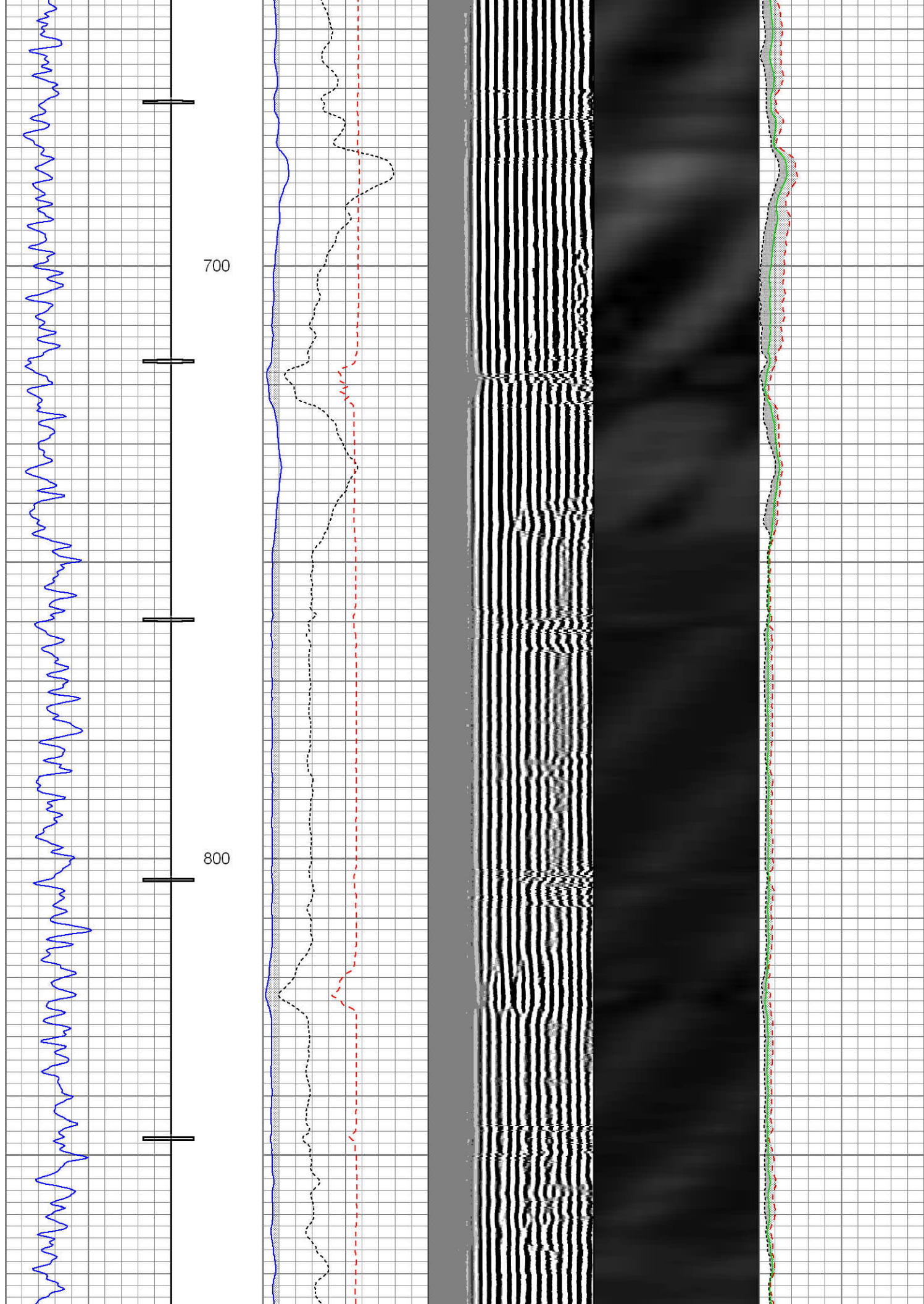


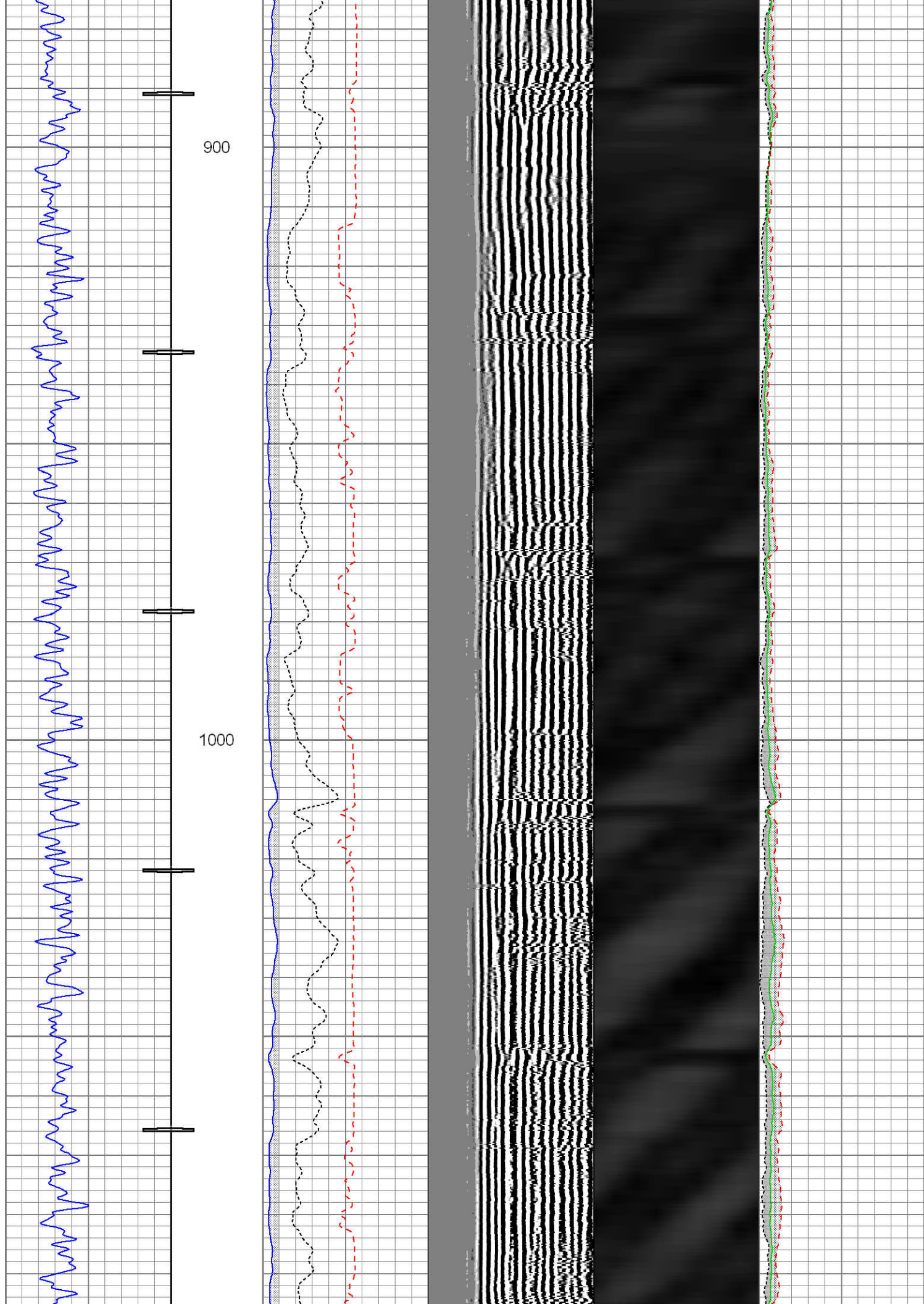




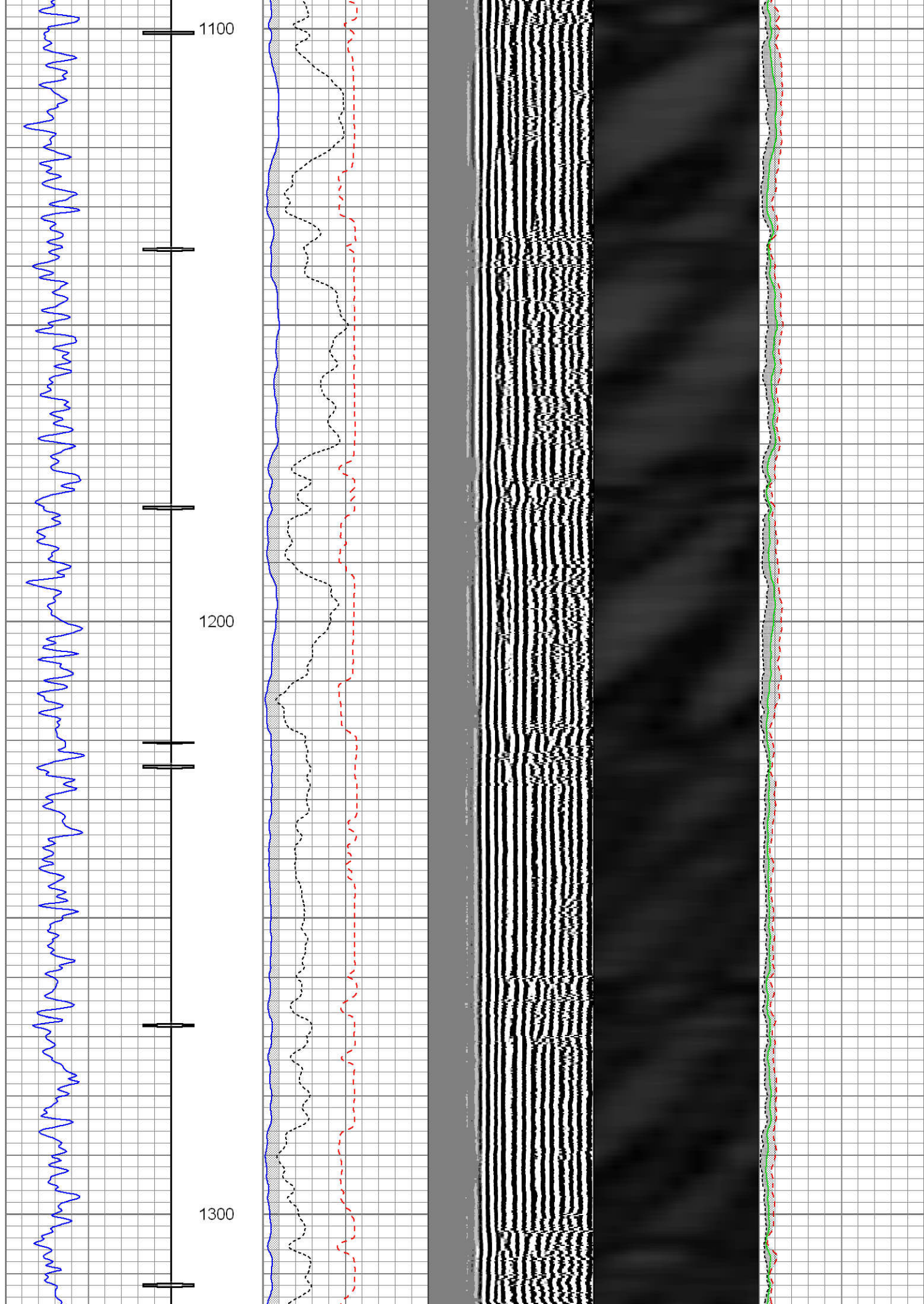


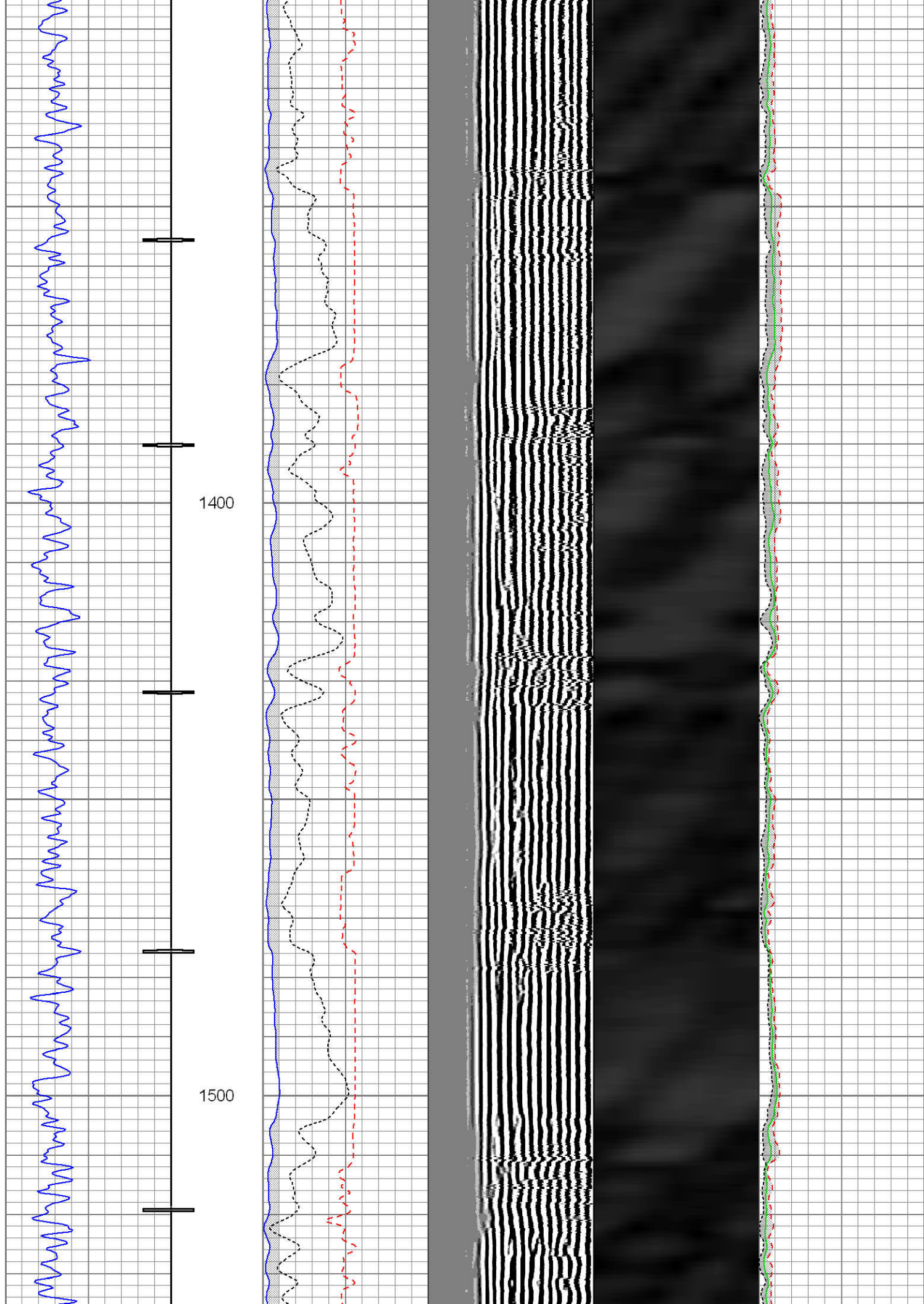




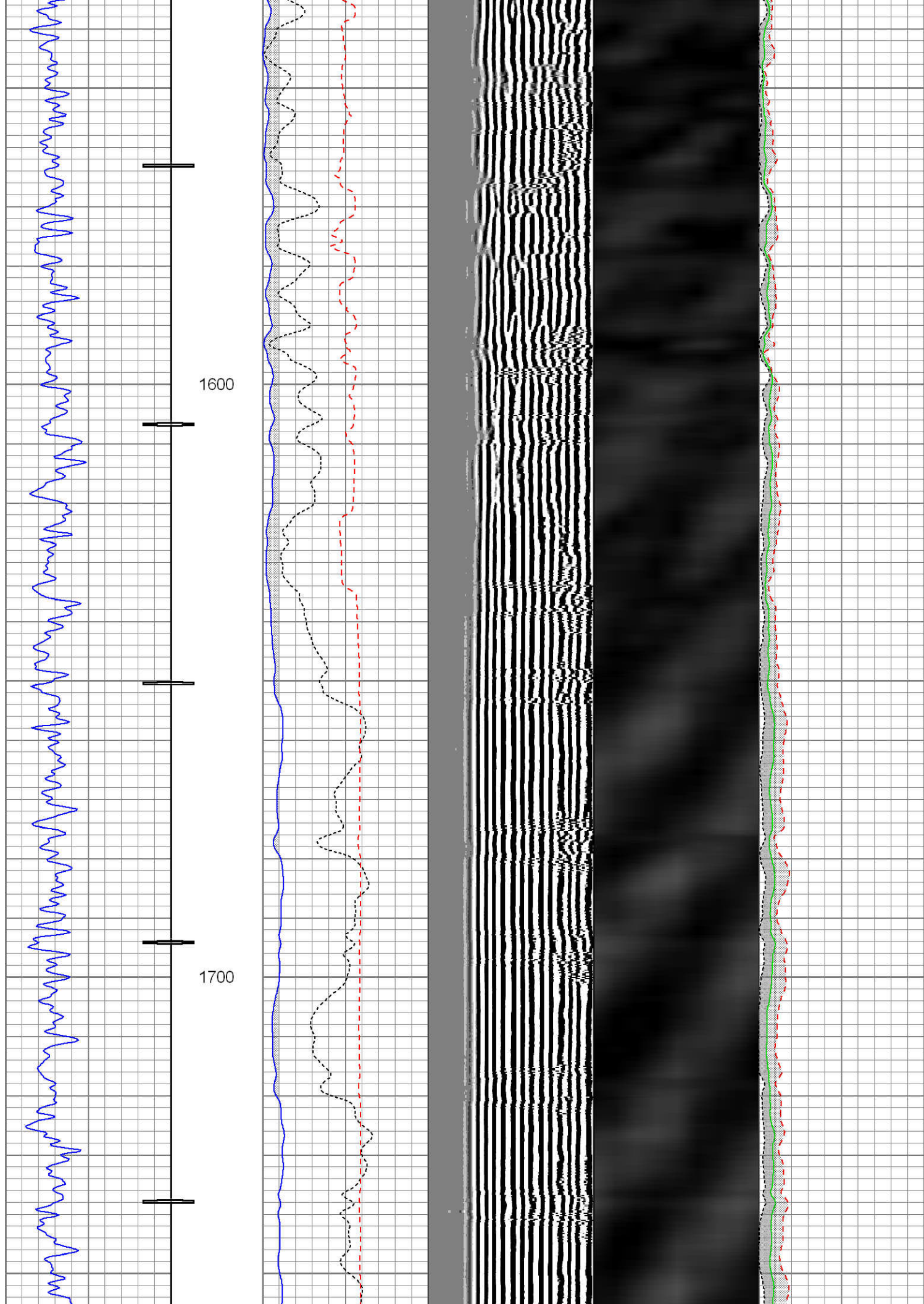


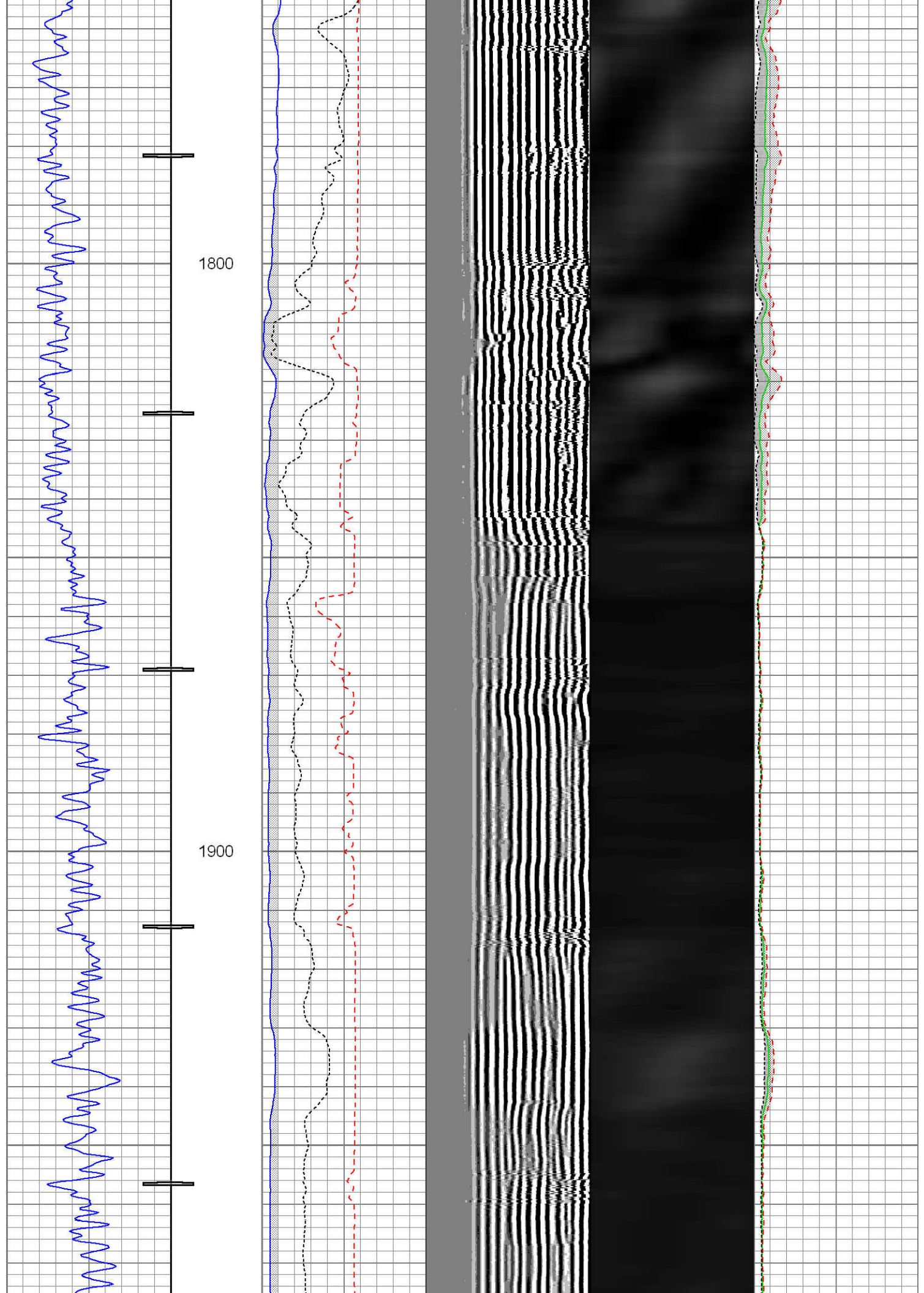




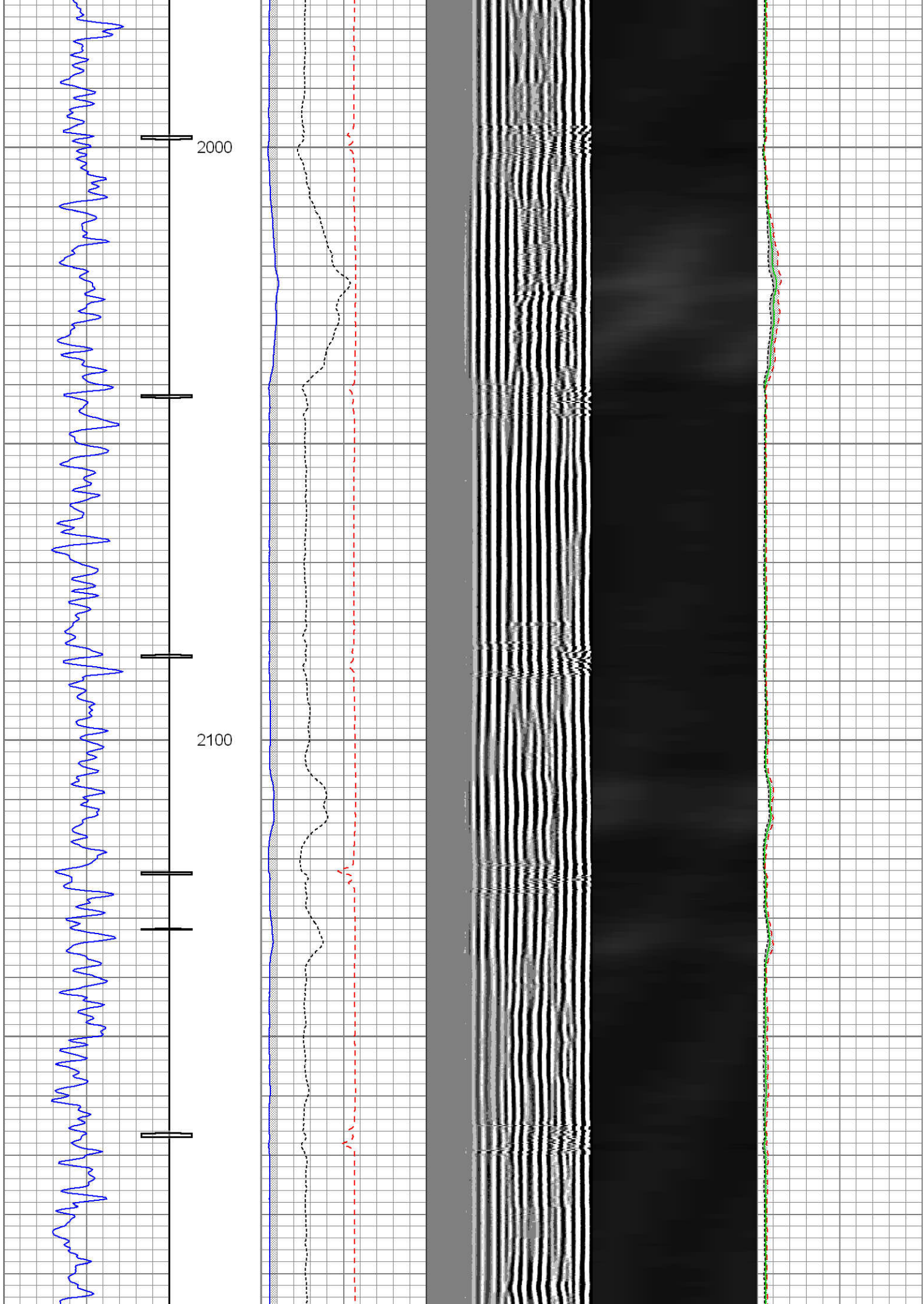


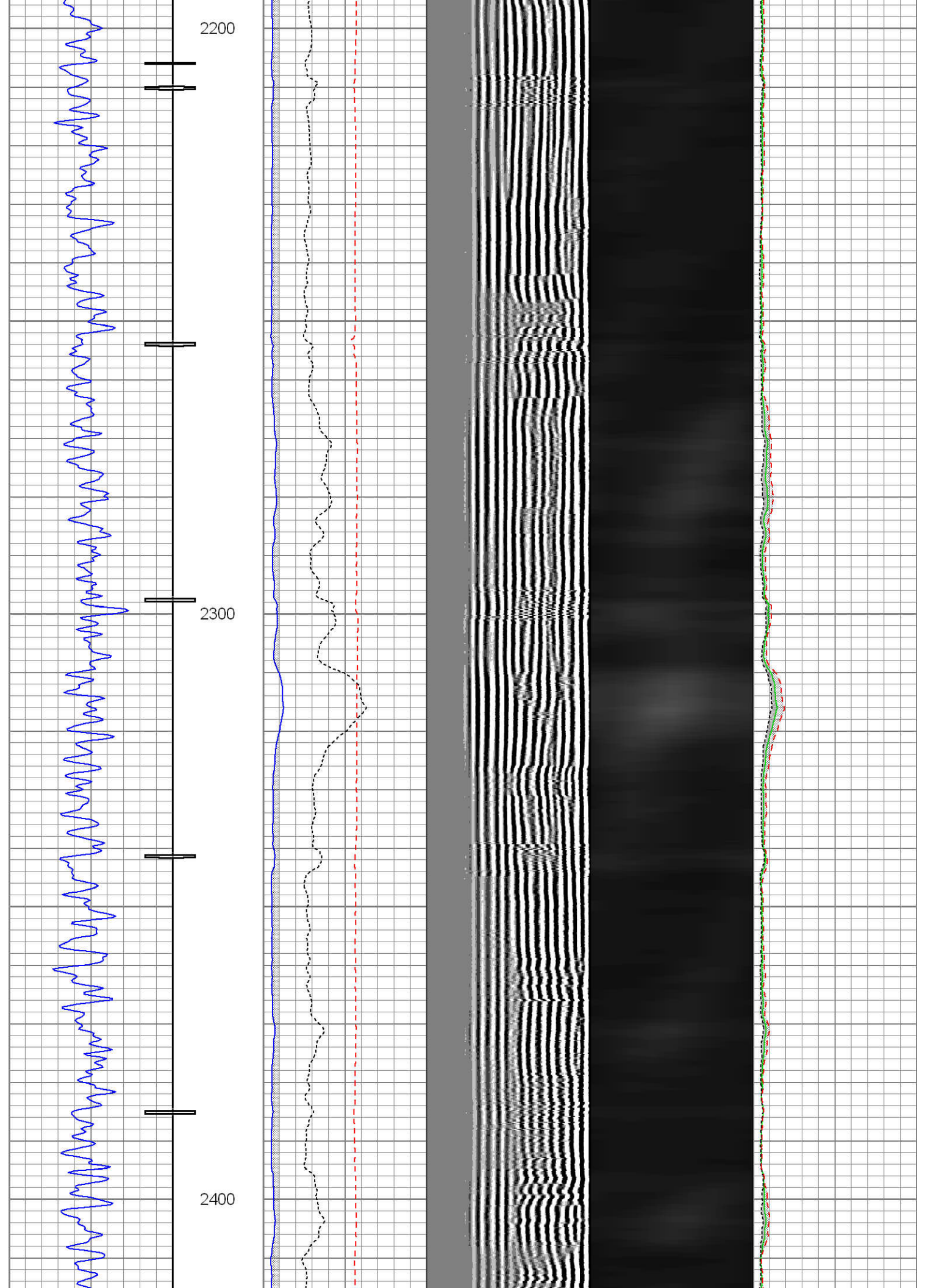




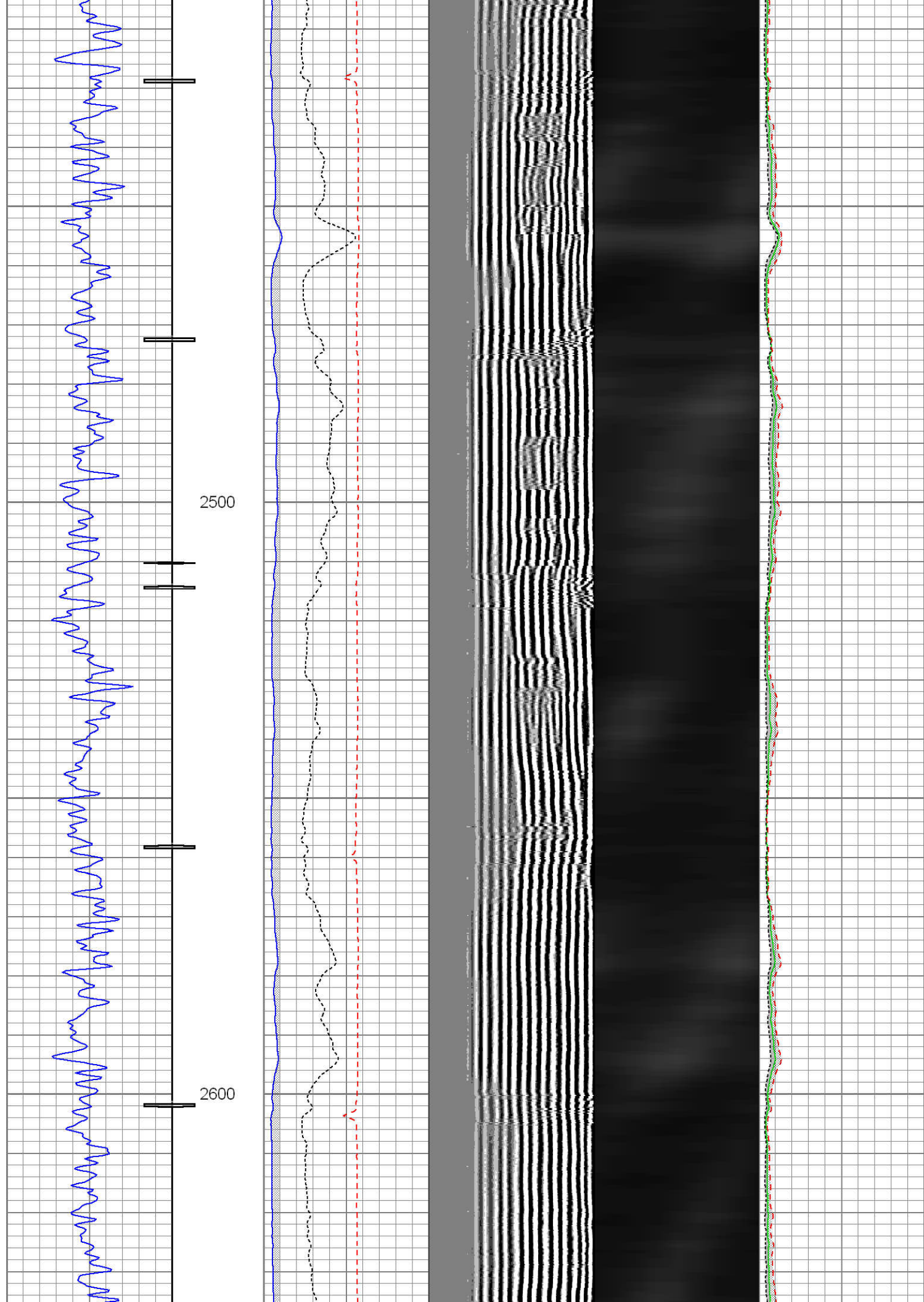


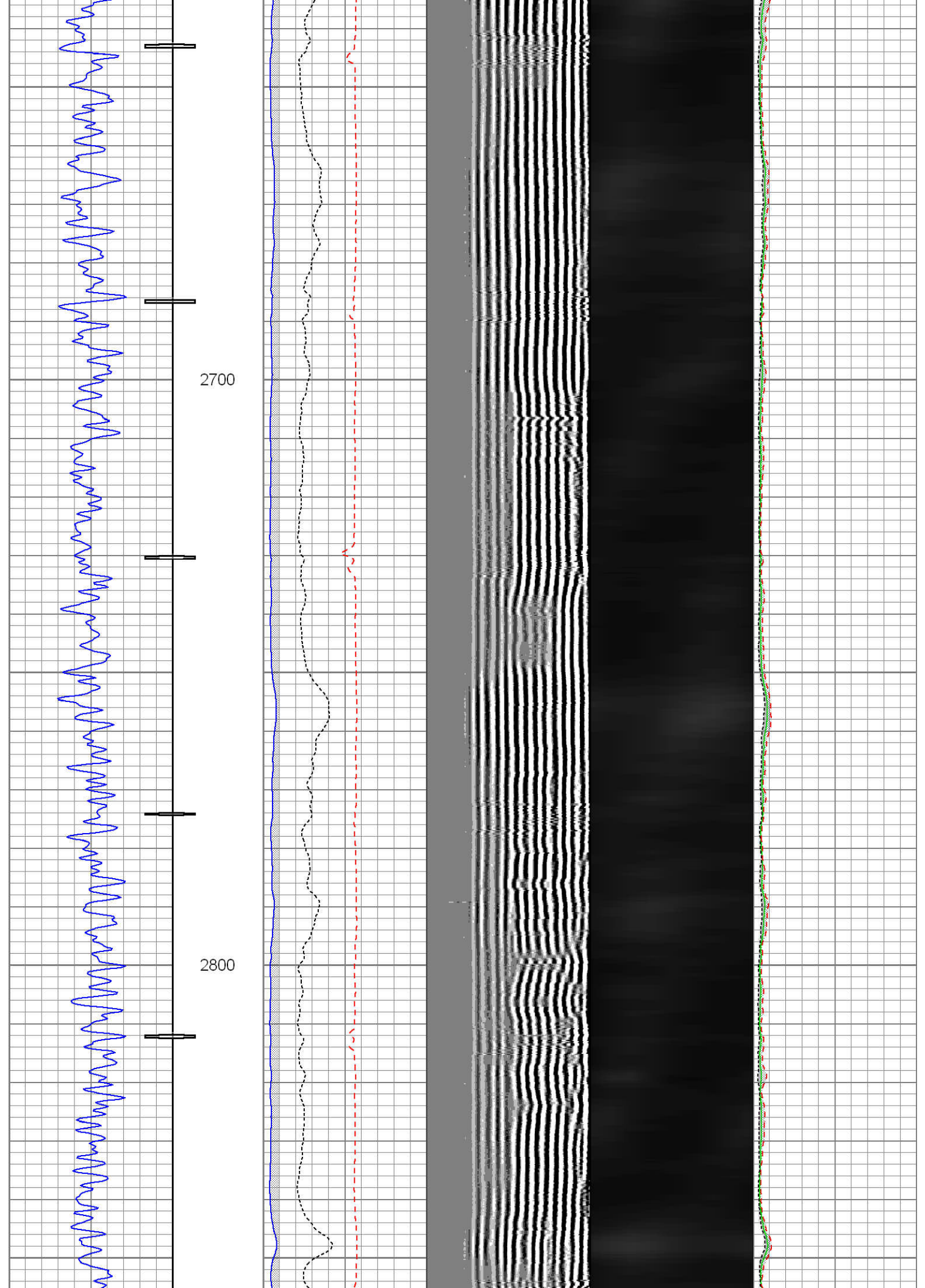




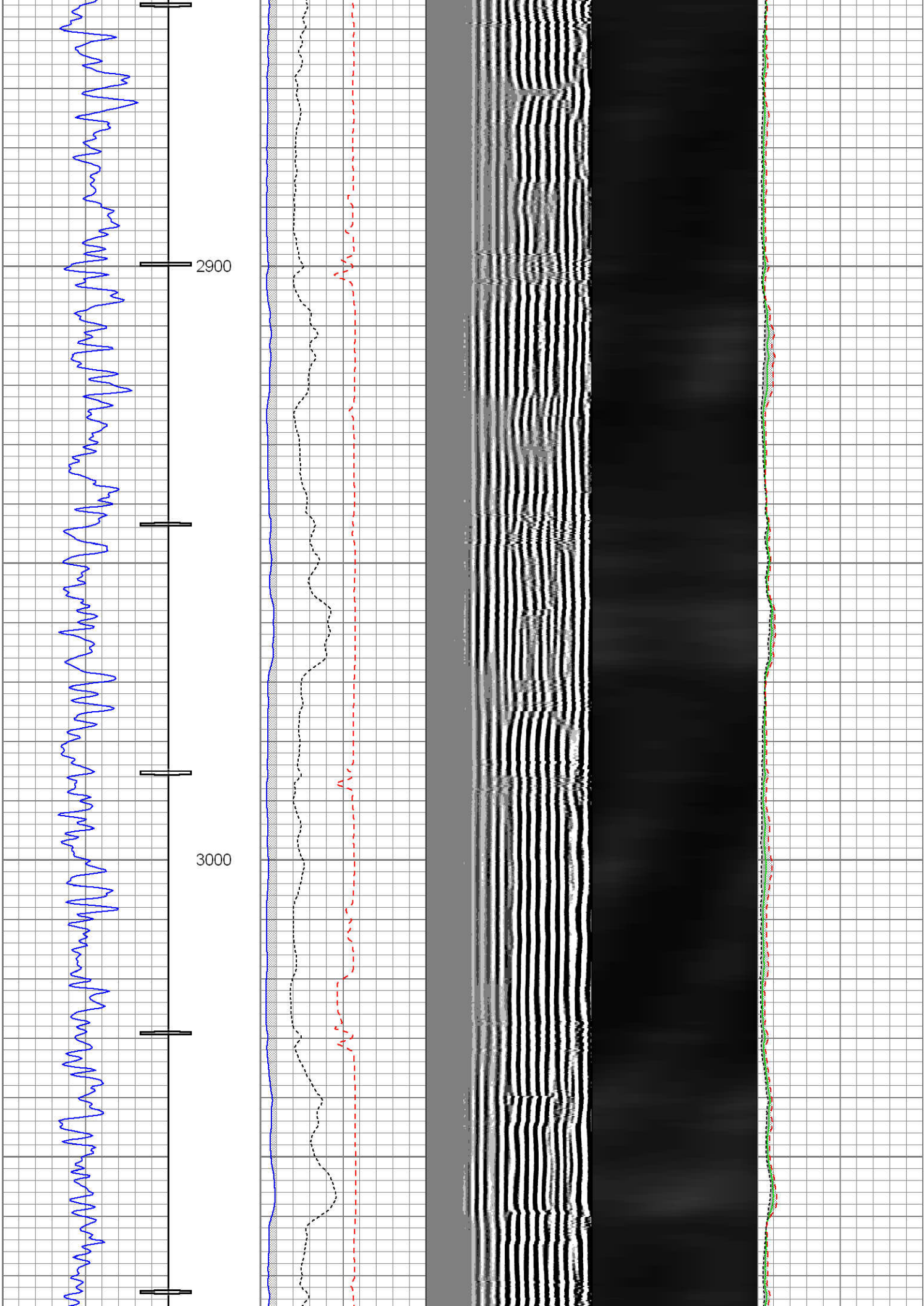






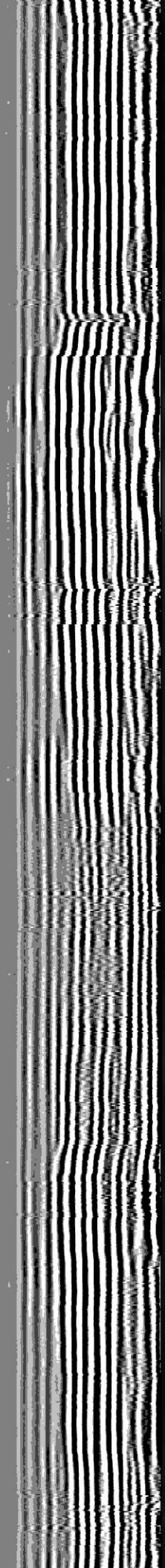
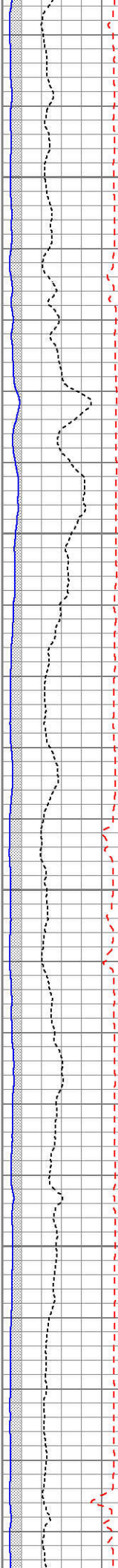




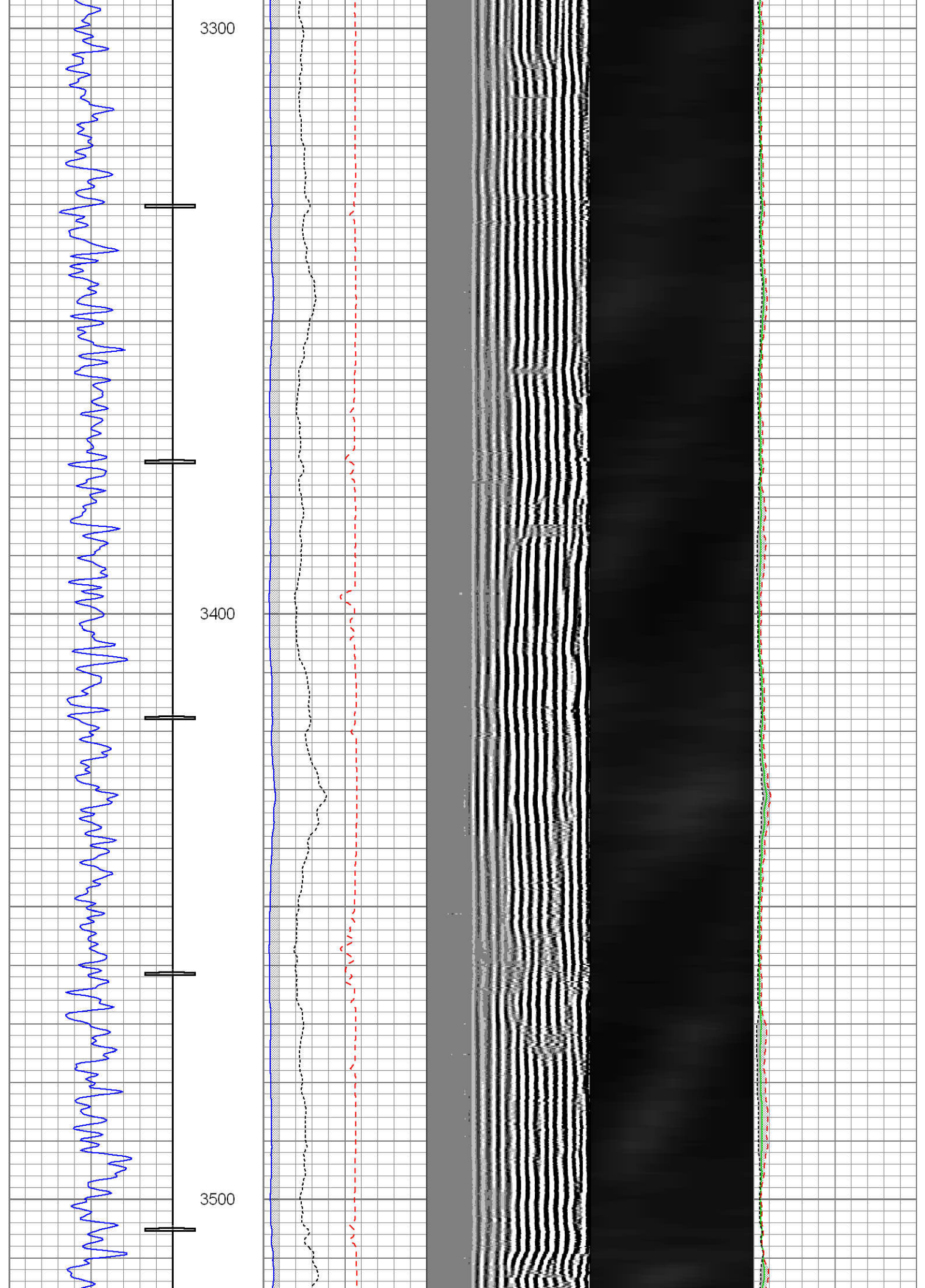


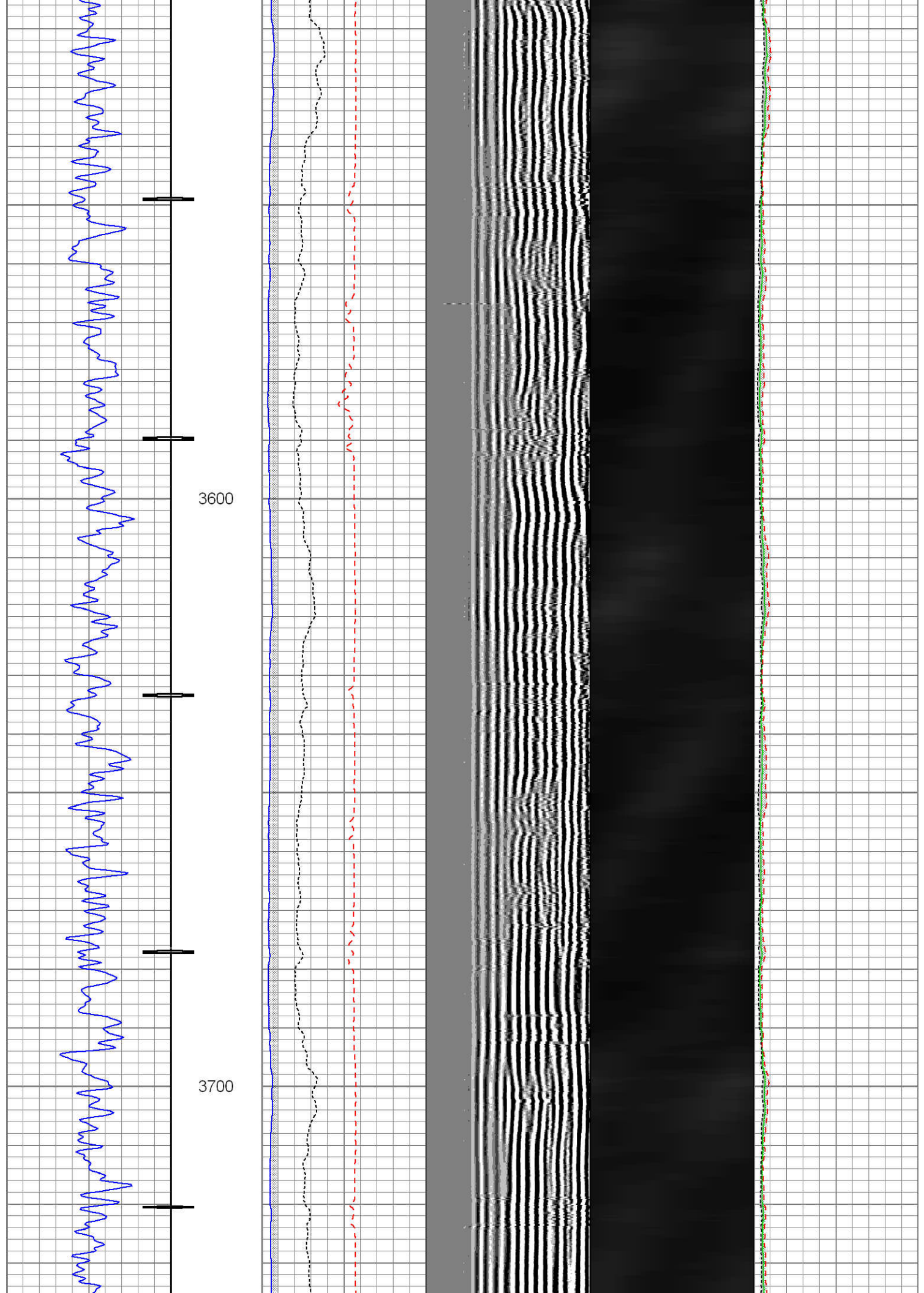
3100

3200

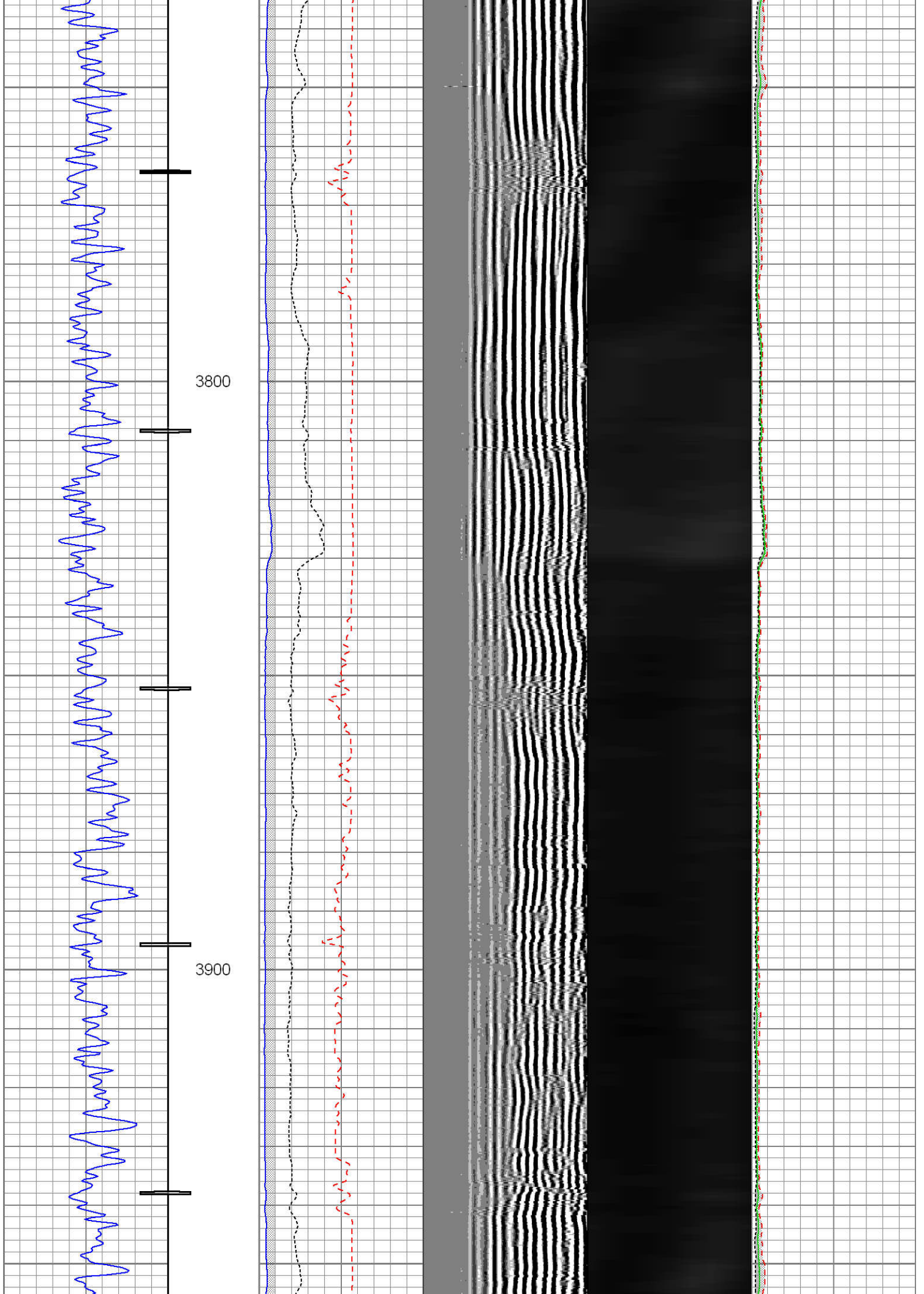


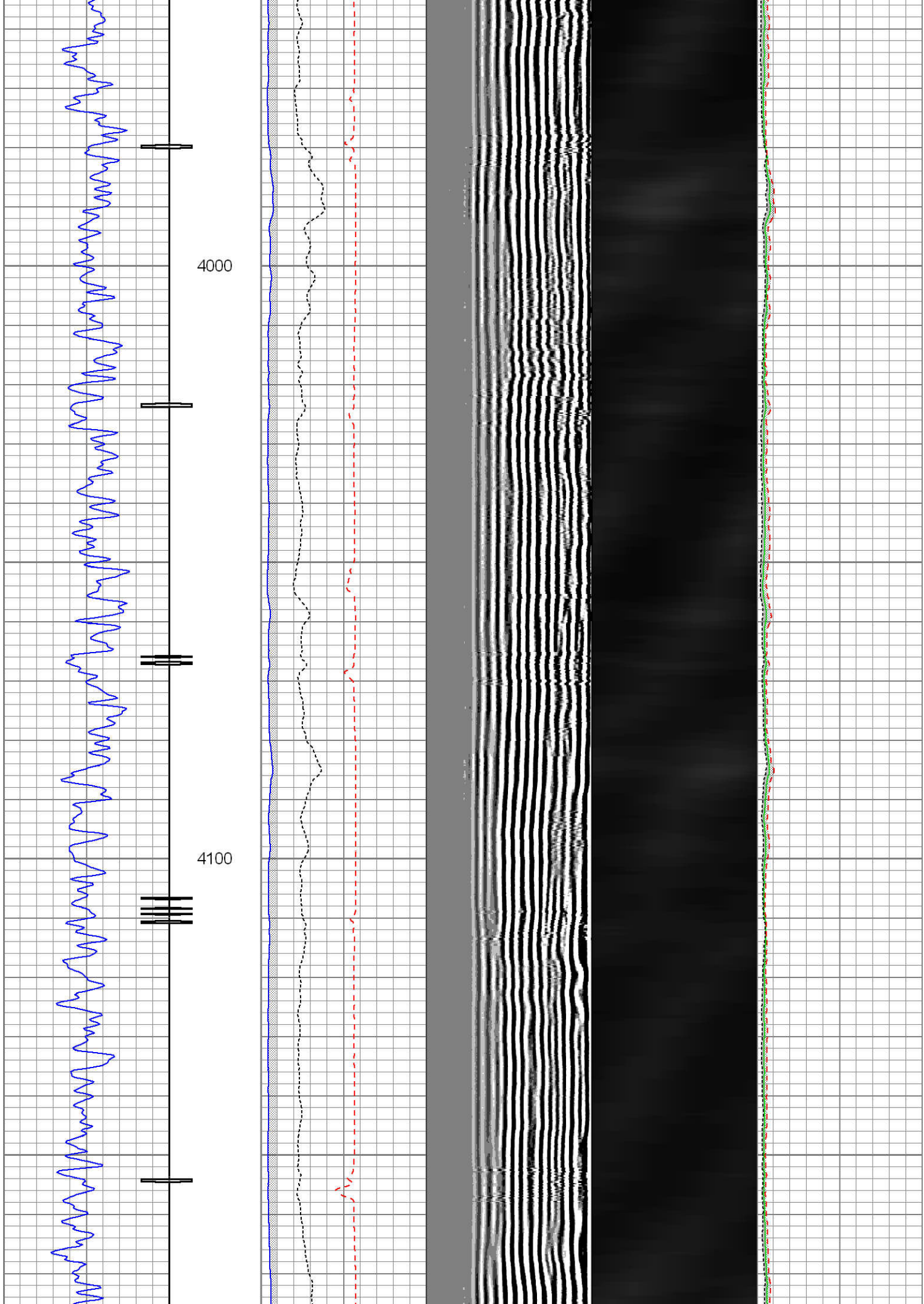




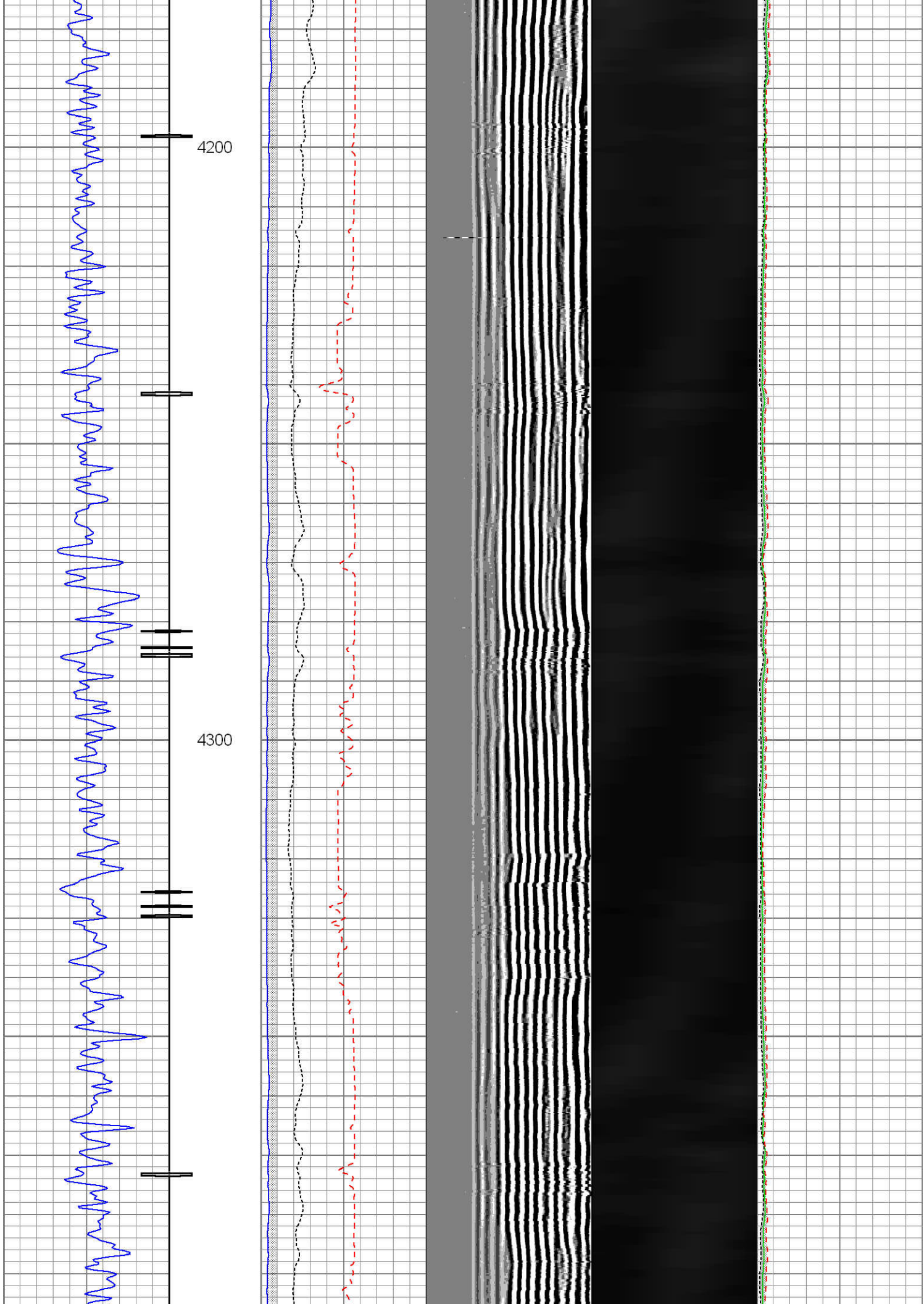








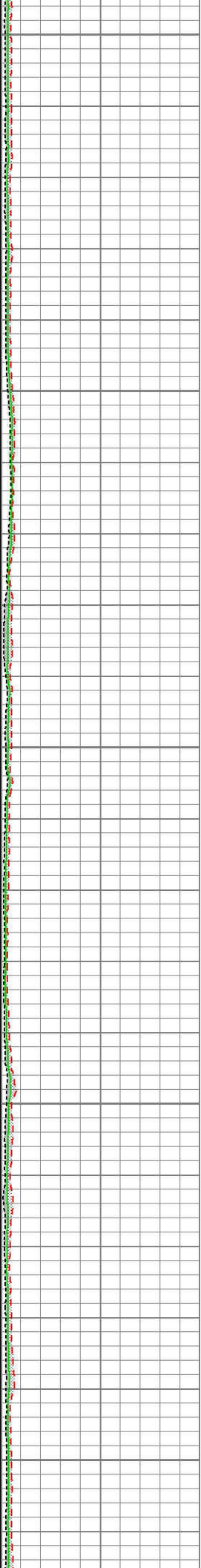
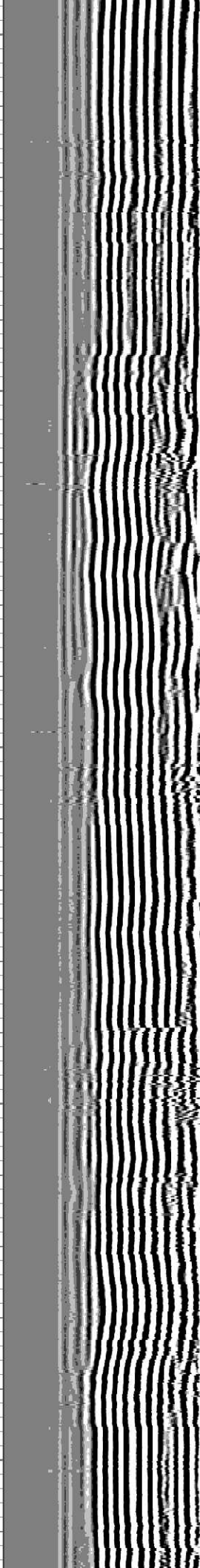
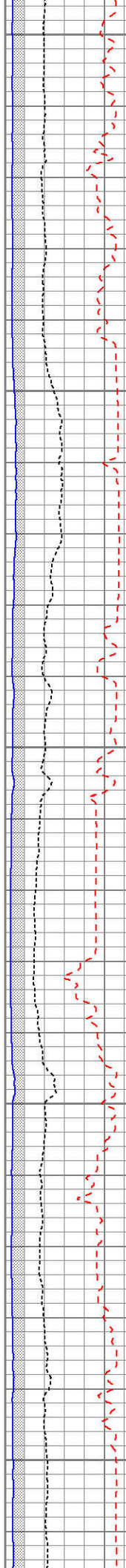




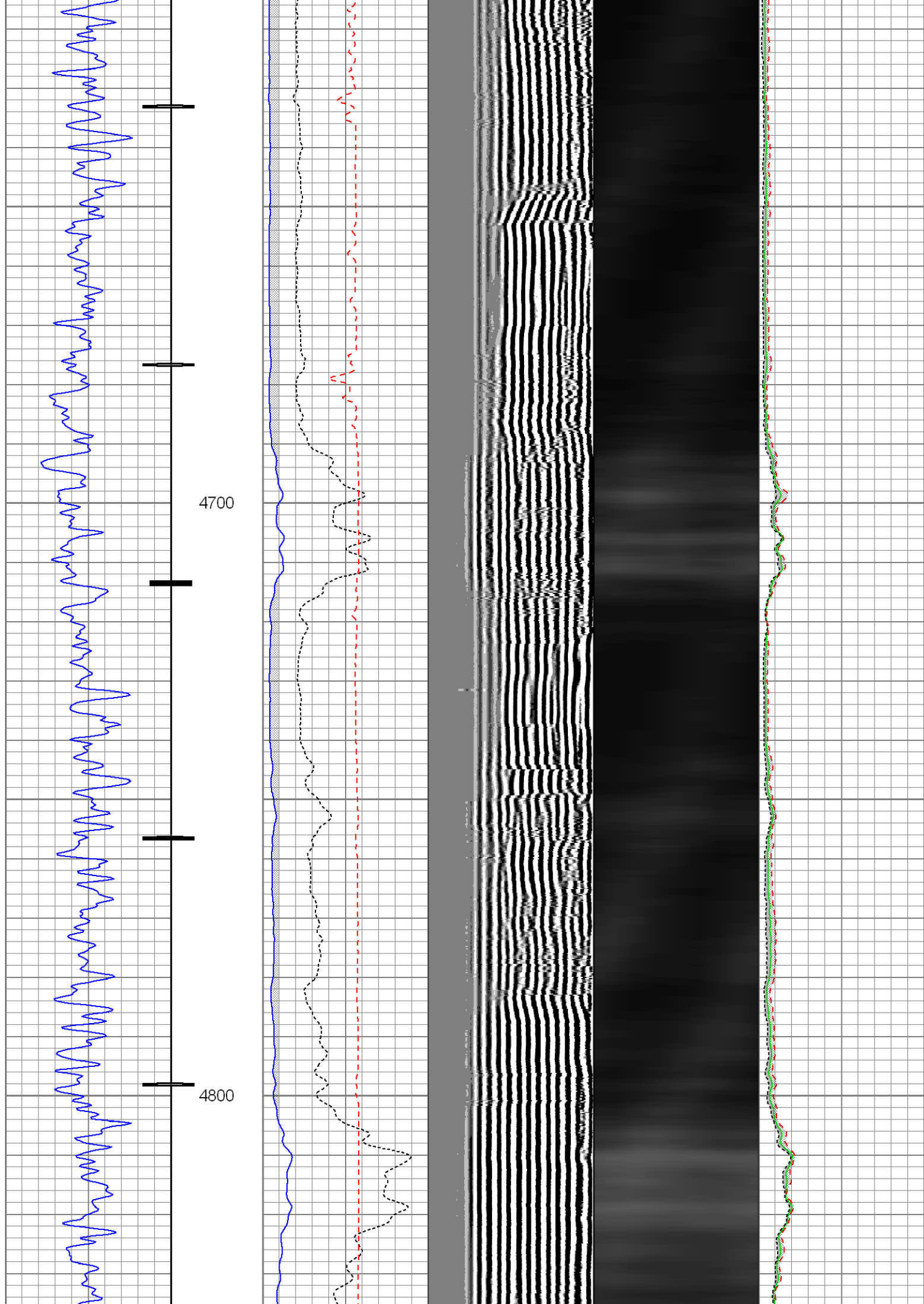
4400

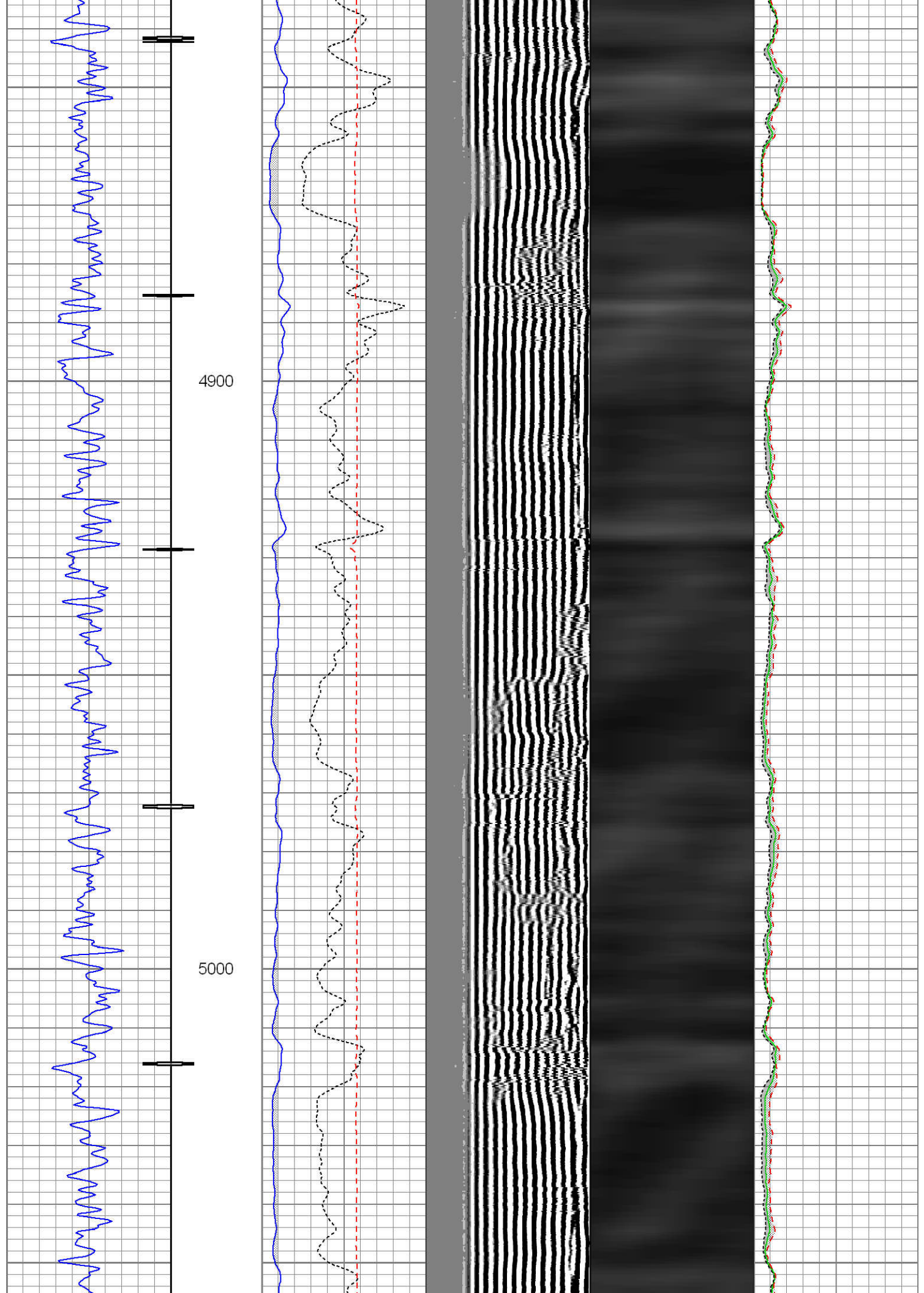
4500

4600

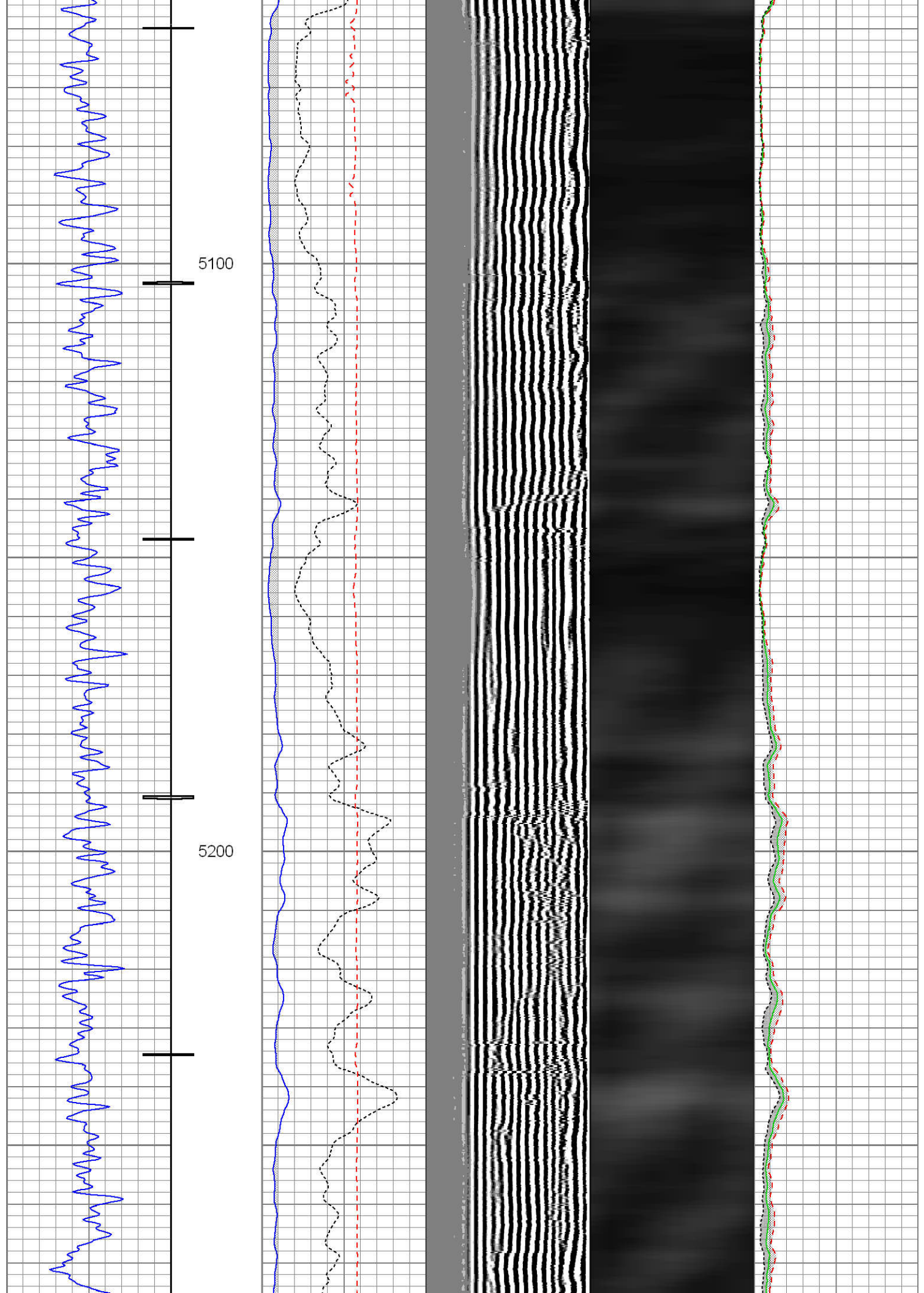


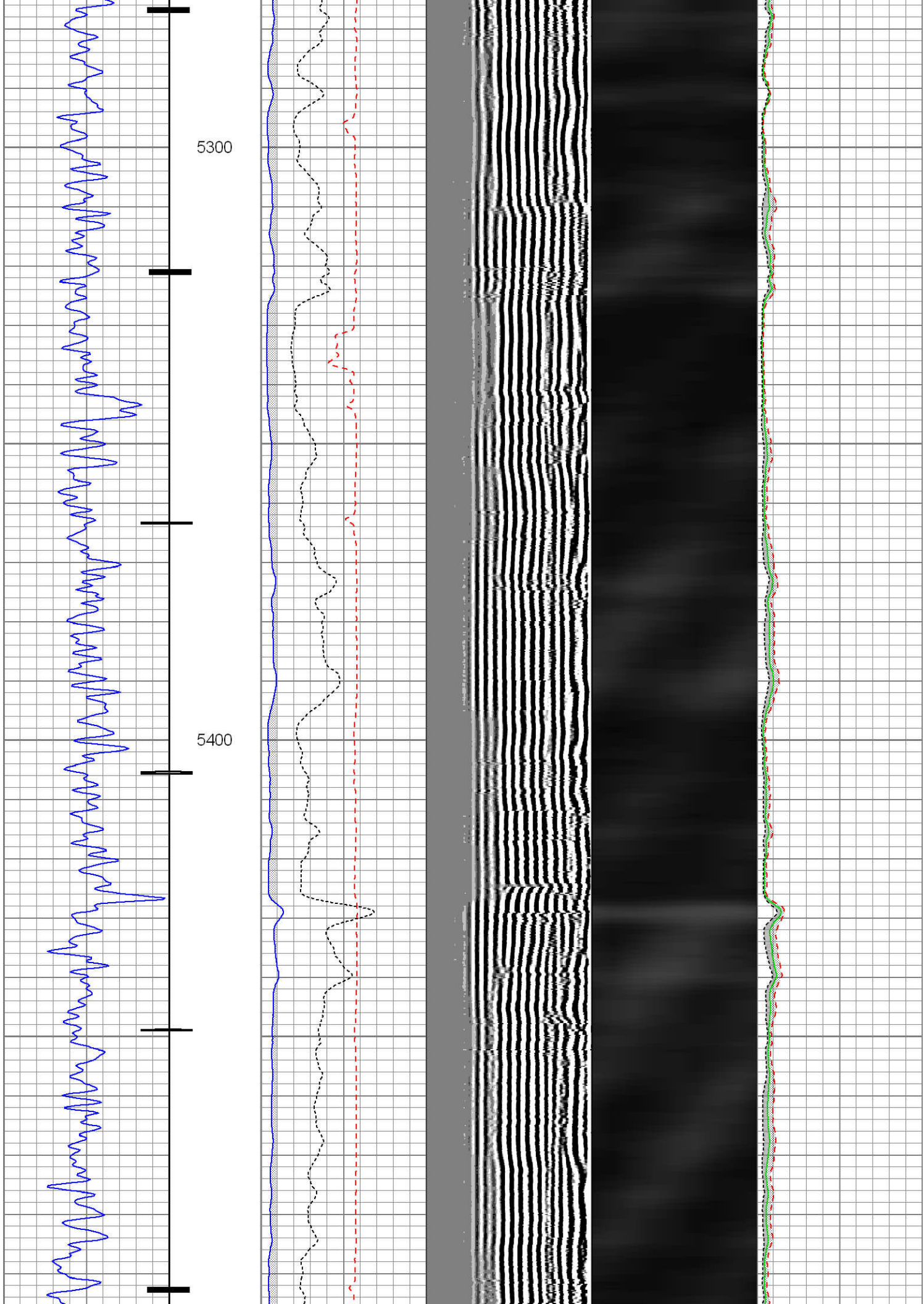




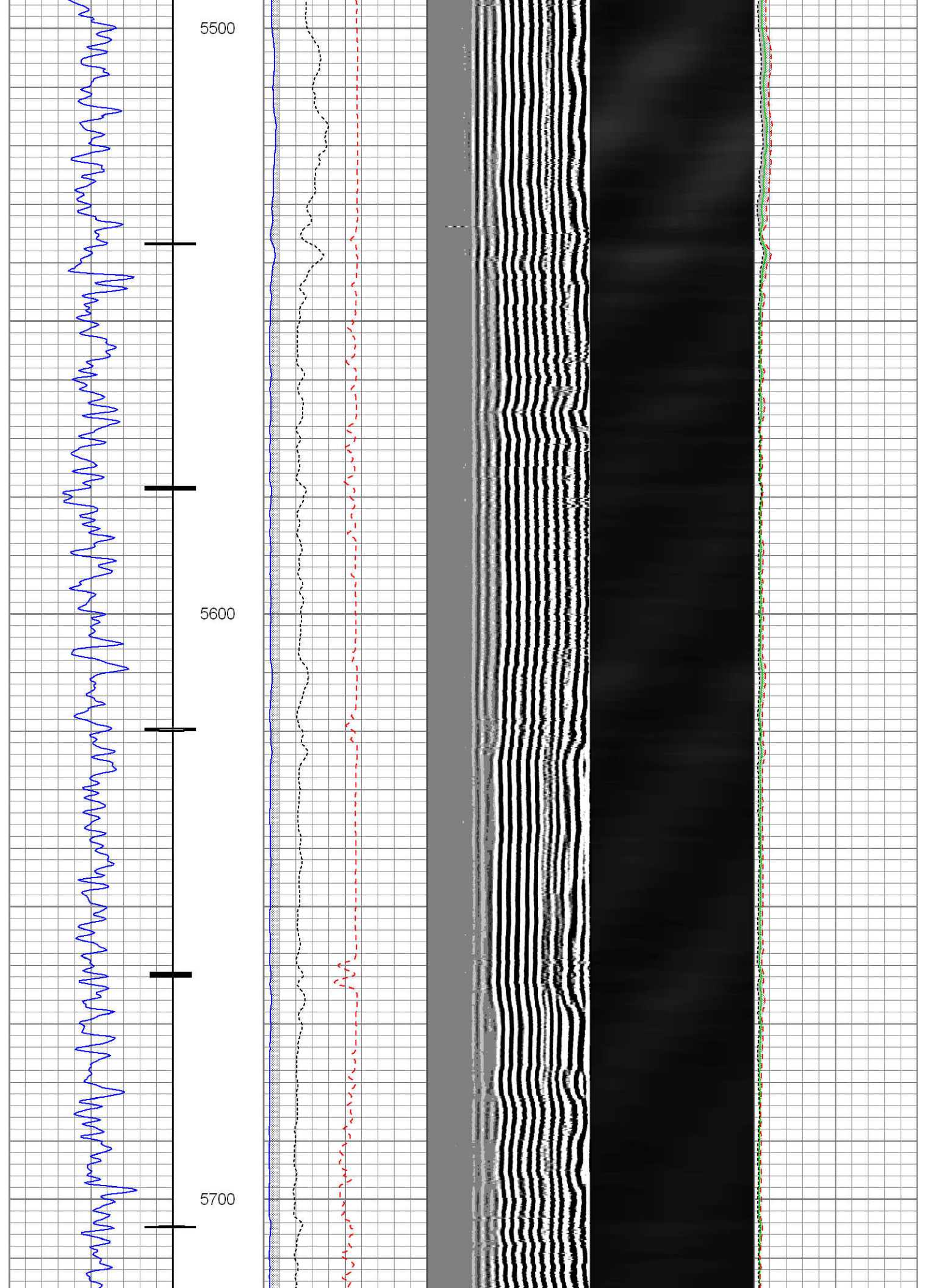


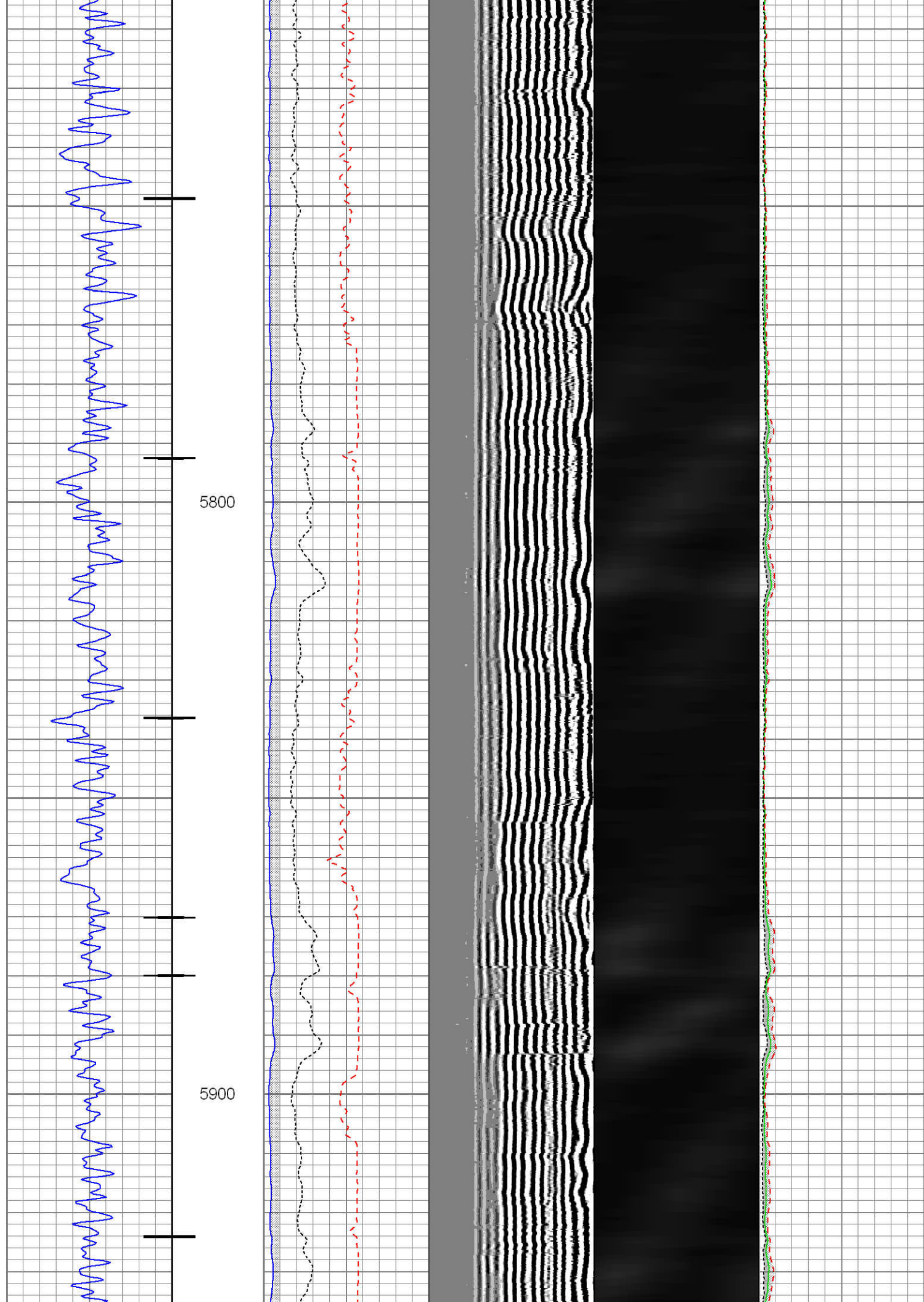




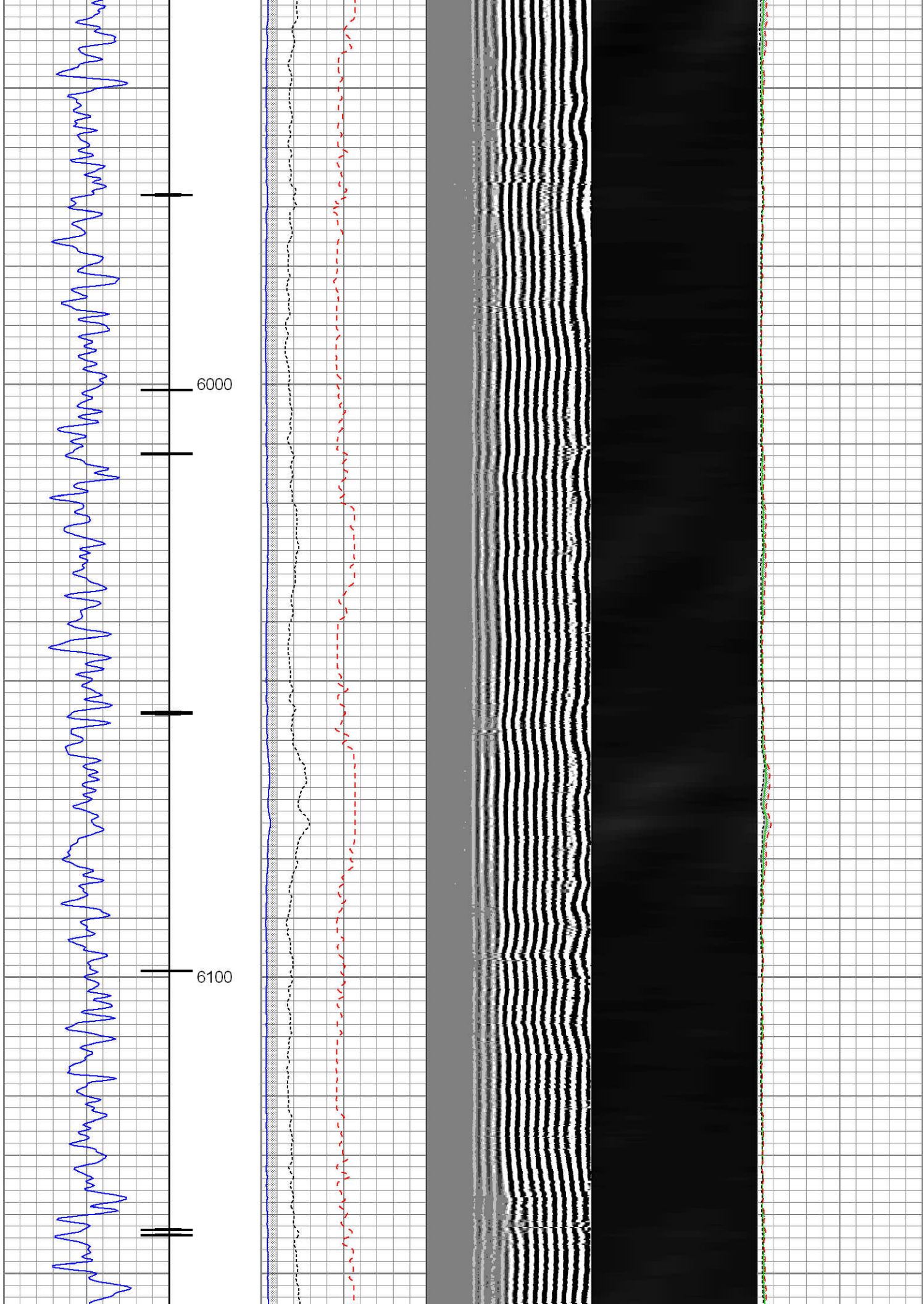


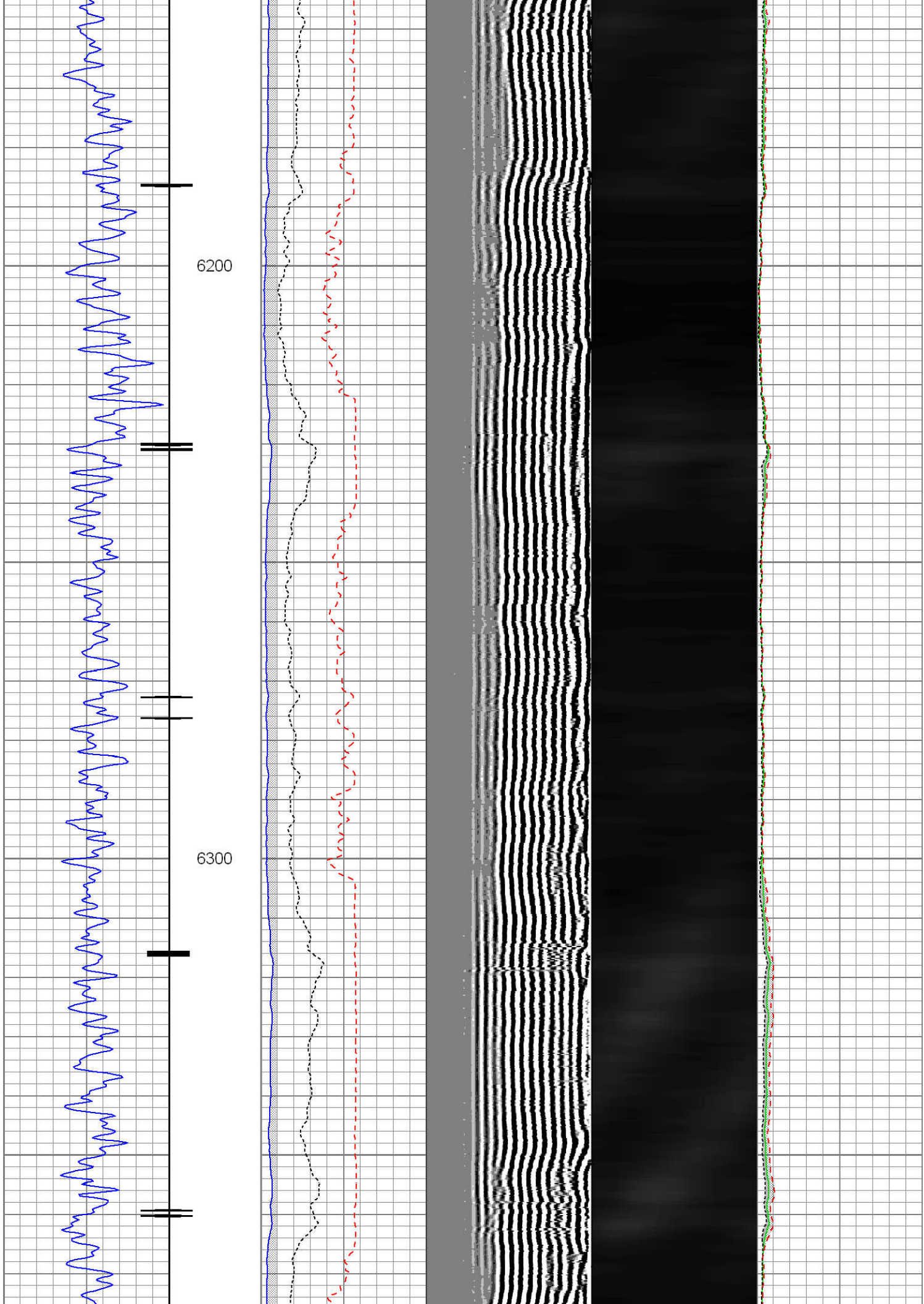




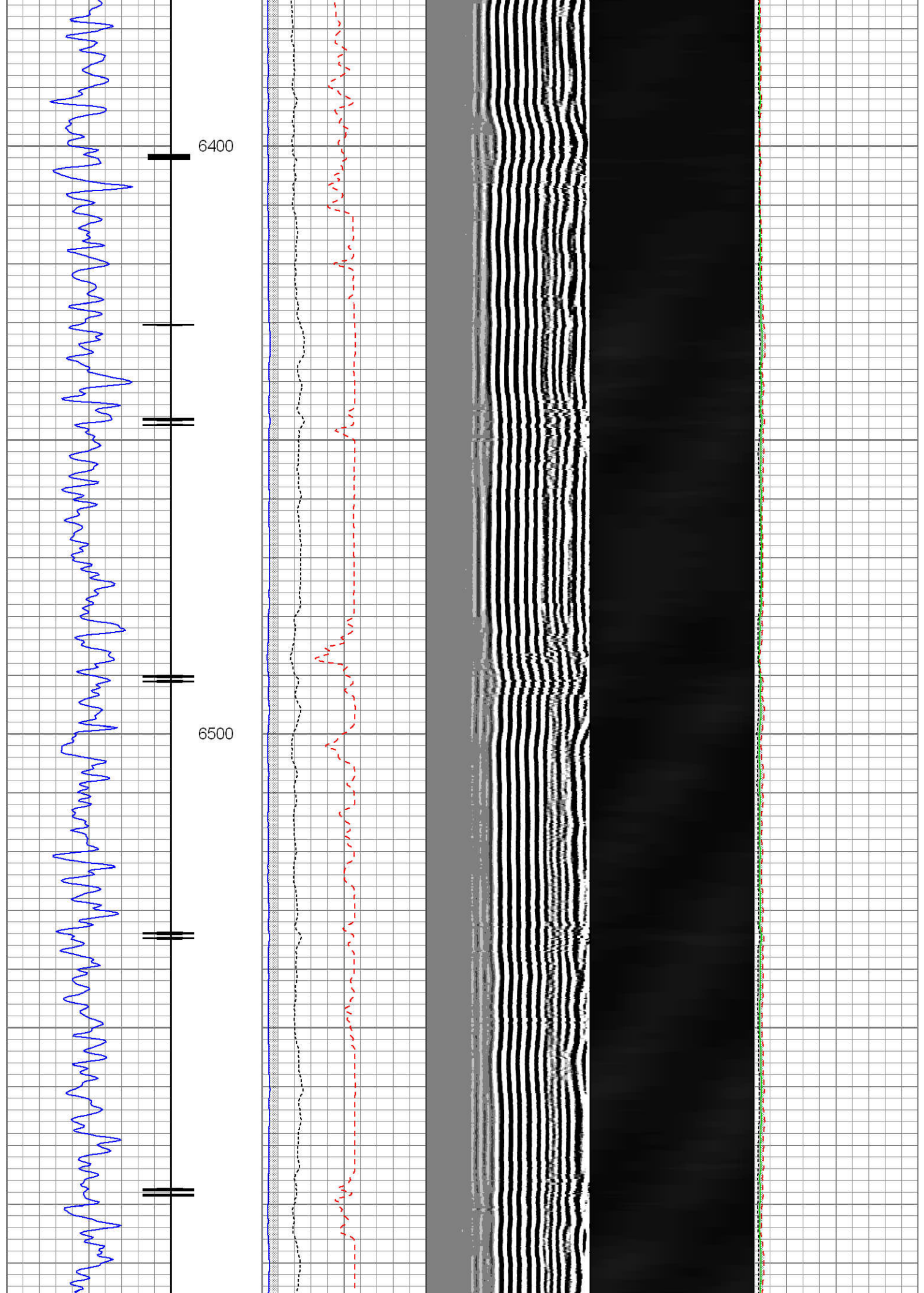


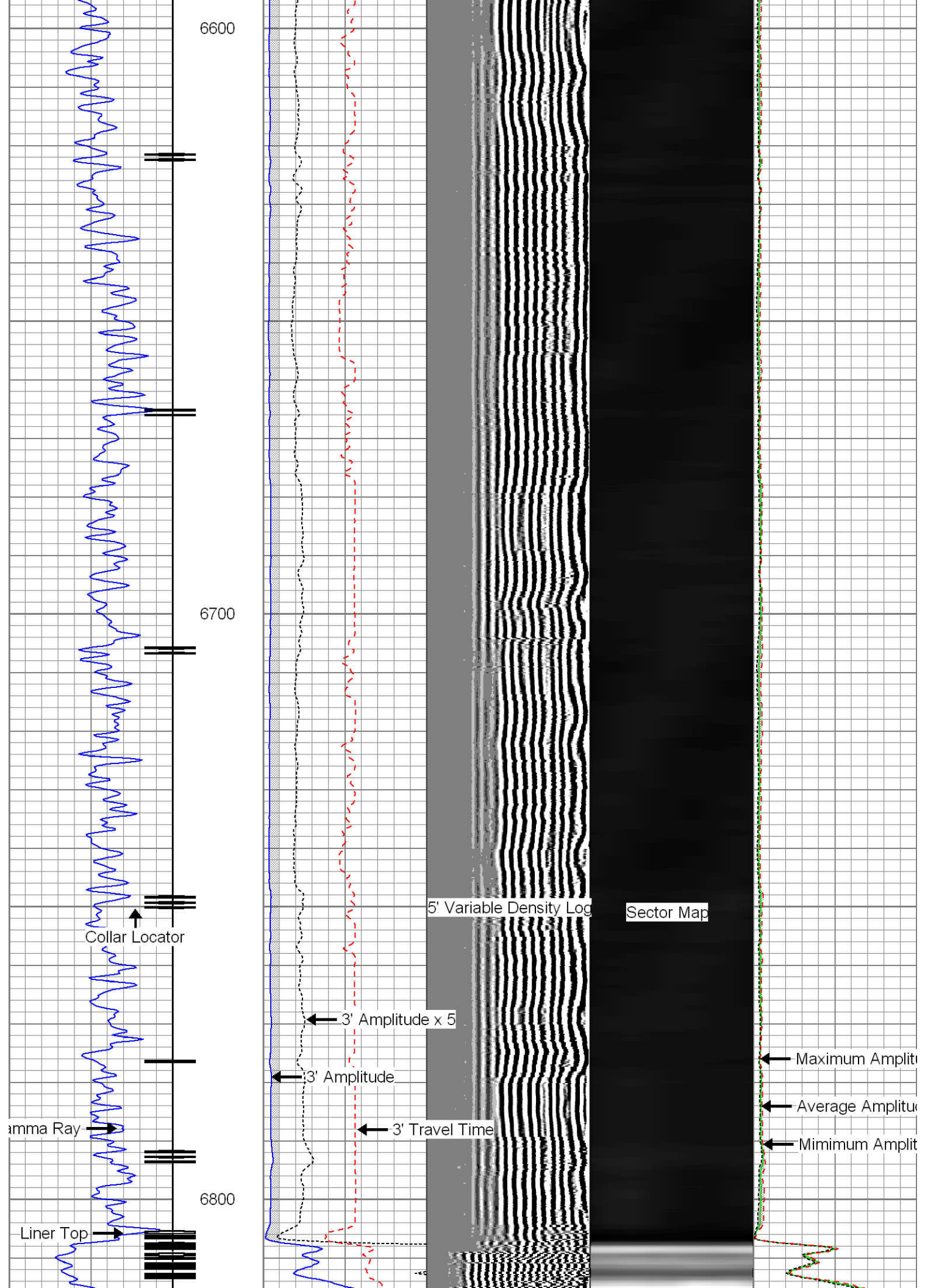




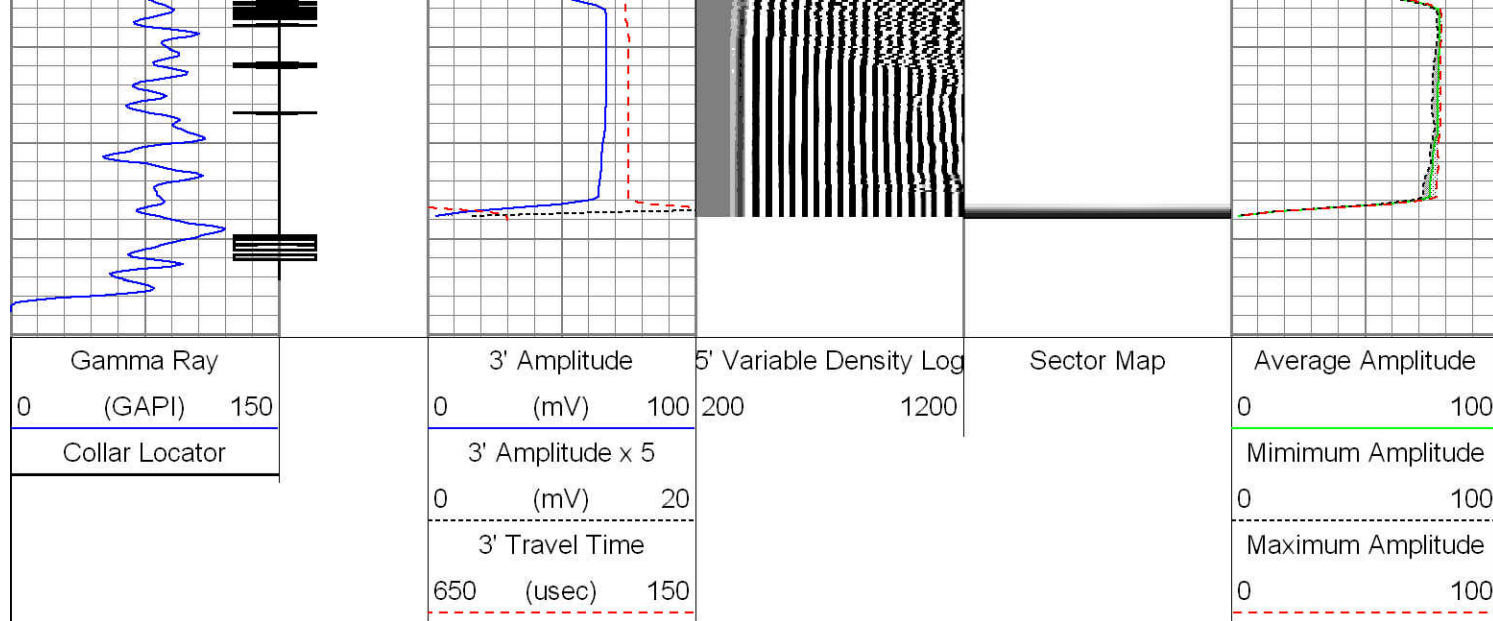






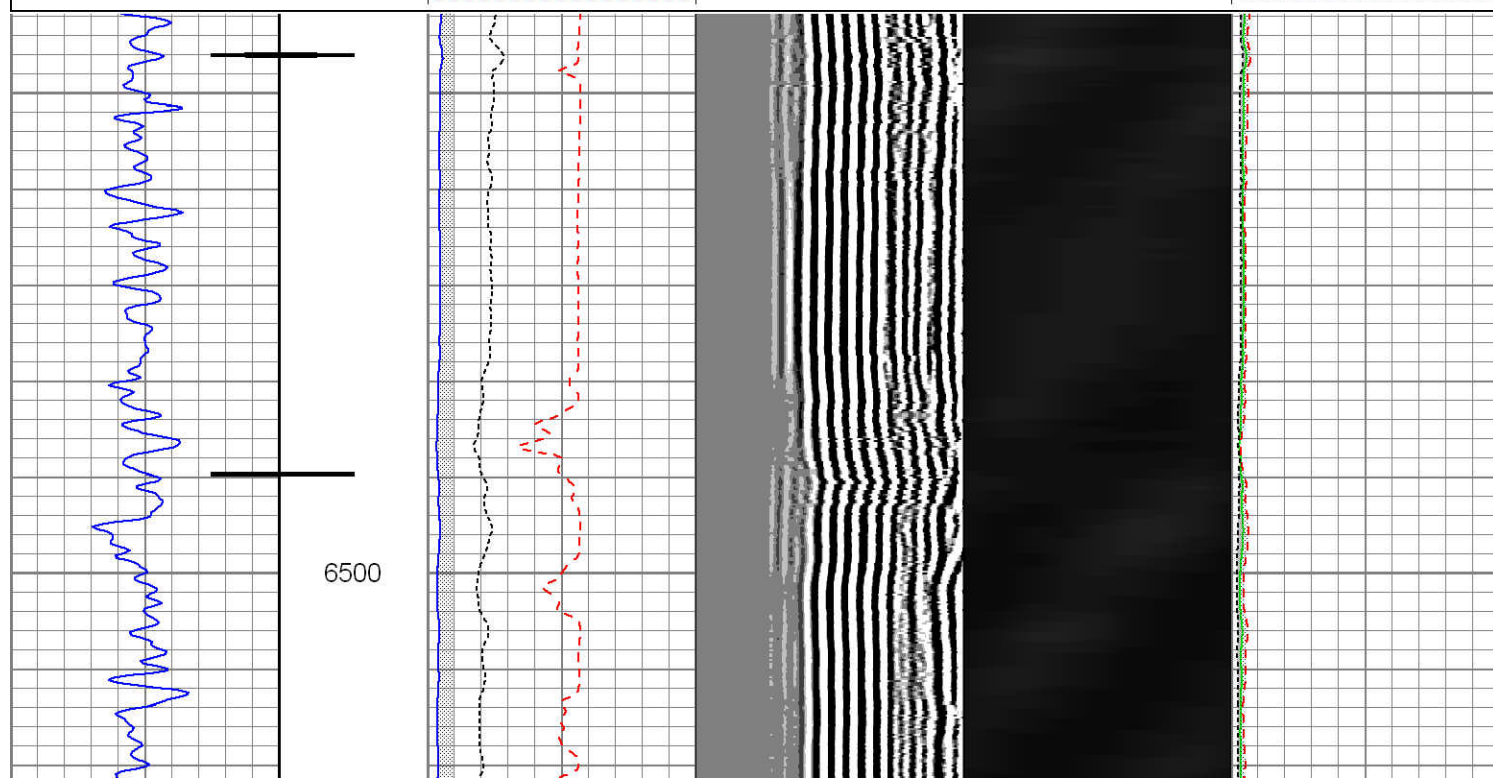
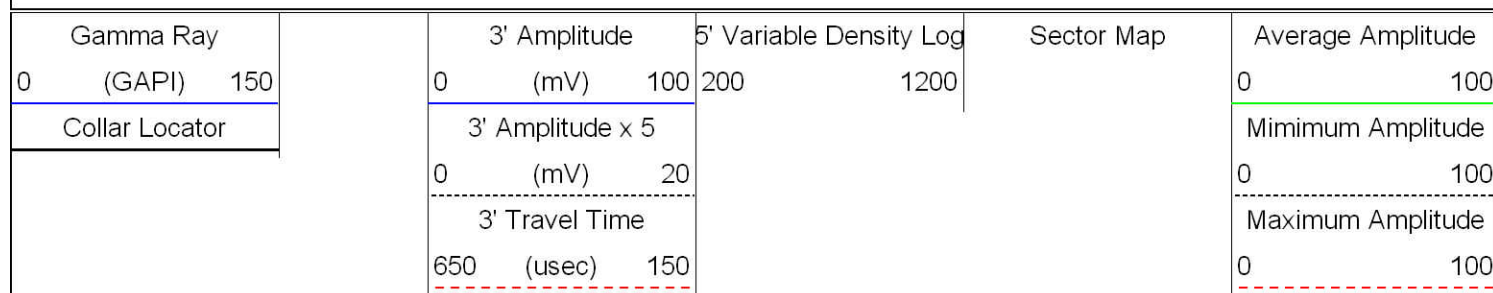






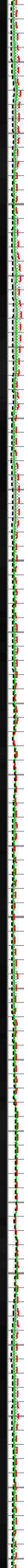
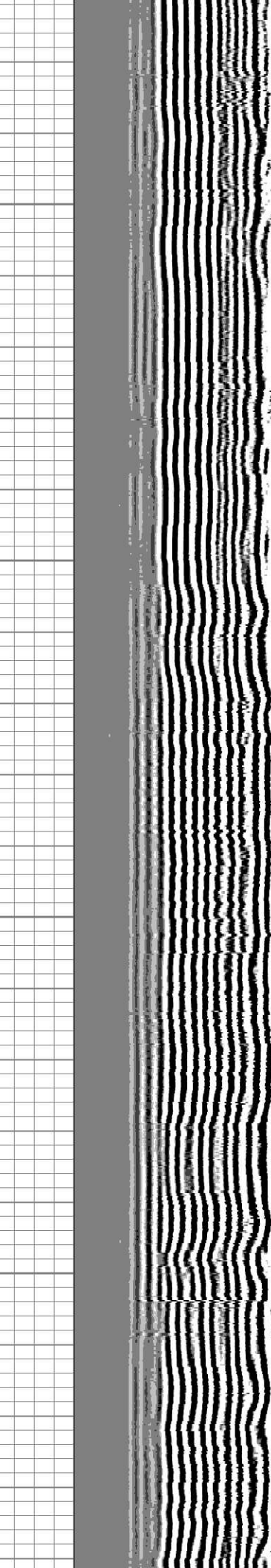
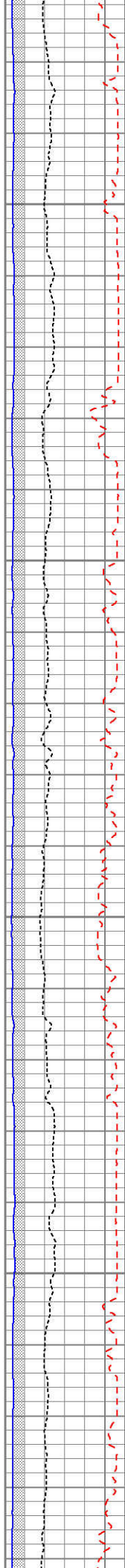
# Repeat Section @ 2800 psi

Database File: 05-123-36248\_sparboe 26c-26hz\_ wellprep.db  
 Dataset Pathname: pass13  
 Presentation Format: rbt007  
 Dataset Creation: Thu Apr 11 13:57:31 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

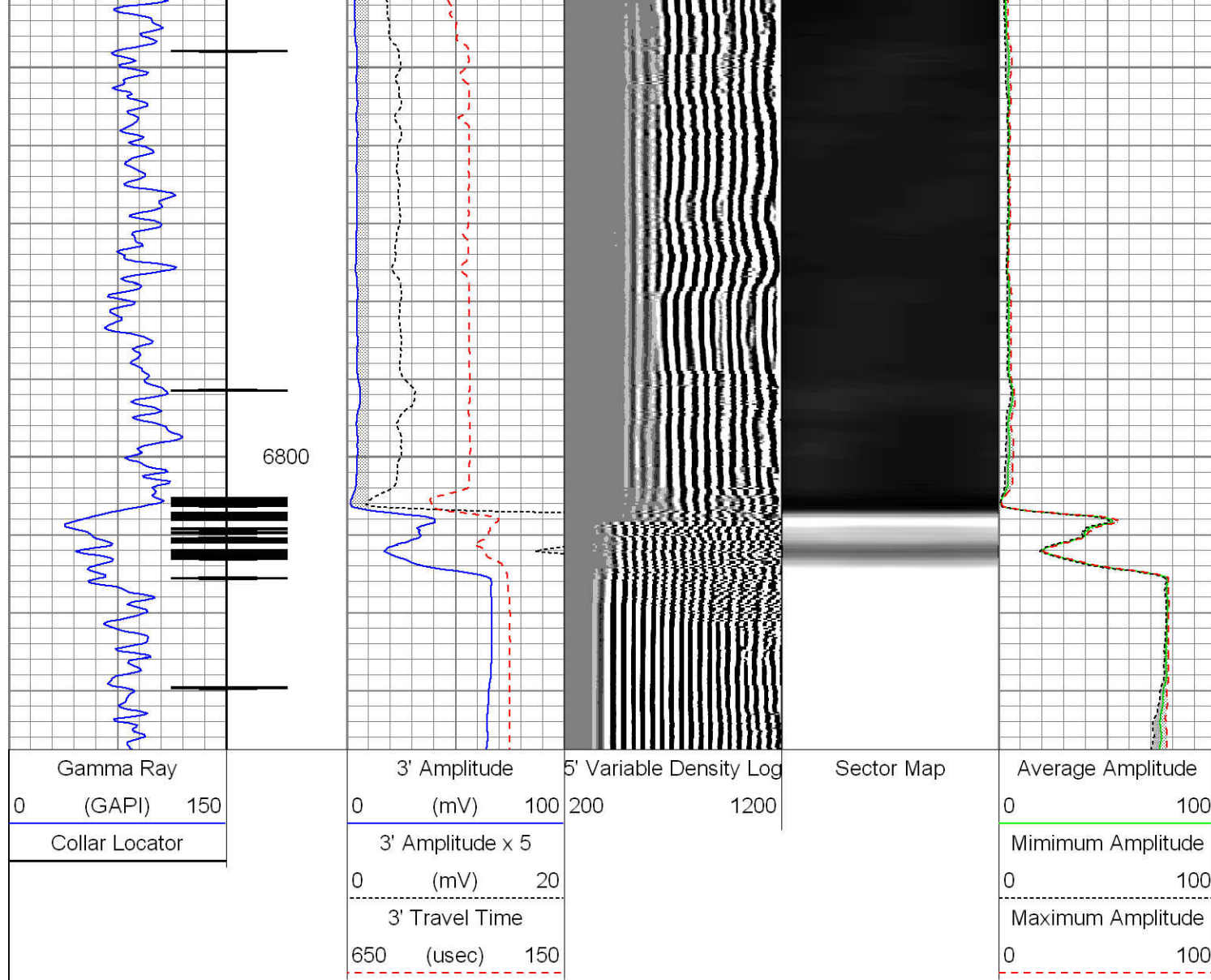


6600

6700







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
RHedVolt	19.47					
Temp	16.72					
WVF3FT	14.53		Probe_RADII-C-2-3/4" (FW1302-001in7")	9.21	2.75	100.00
WVFCAL	14.53		Probe 2-3/4" Sector Cement Bond Tool			
WVES1	14.53					

WVFS1	14.53						
WVFS2	14.53						
WVFS3	14.53						
WVFS4	14.53						
WVFS5	14.53						
WVFS6	14.53						
WVFS7	14.53						
WVFS8	14.53						
WVF5FT	13.53						
				Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
CCL	6.51						
DCCL	6.51						
GR	4.88			Probe_CCL_GR-2.75"Digital (FW1211-024.54 Probe 2-3/4" Digital CCL / Gamma Ray Combined		2.75	55.00
GRITemp	4.55						
				Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
Dataset: 05-123-36248_sparboe 26c-26hz_ wellprep.db: field/well/run1/pass15 Total Length: 23.43 ft Total Weight: 190.00 lb O.D. 2.75 in							

Calibration Report	
Database File:	05-123-36248_sparboe 26c-26hz_ wellprep.db
Dataset Pathname:	pass15
Dataset Creation:	Thu Apr 11 14:08:32 2013 by Log SCH 111116

Gamma Ray Calibration Report			
Serial Number:	FW1211-026		
Tool Model:	2.75"Digital		
Performed:	Mon Mar 25 19:39:06 2013		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.5	cps	
Sensitivity:	0.6667	GAPI/cps	

Segmented Cement Bond Log Calibration Report			
Serial Number:	FW1302-001in7"		
Tool Model:	2-3/4"		
Calibration Casing Diameter:	7.000	in	
Calibration Depth:	1060.157	ft	



Master Calibration, performed Thu Apr 11 13:25:10 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	2.326	0.800	62.165	26.498	0.537
CAL	0.549	0.549				
5'	0.009	2.344	0.800	62.165	26.277	0.575
SUM						
S1	0.014	2.326	0.000	72.165	31.204	-0.427
S2	0.010	2.312	0.000	72.165	31.349	-0.310
S3	0.010	2.302	0.000	72.165	31.487	-0.305
S4	0.010	2.306	0.000	72.165	31.440	-0.320
S5	0.010	2.299	0.000	72.165	31.528	-0.309
S6	0.010	2.290	0.000	72.165	31.650	-0.305
S7	0.010	2.322	0.000	72.165	31.205	-0.308
S8	0.010	2.337	0.000	72.165	31.016	-0.307

Internal Reference Calibration, performed Sat Apr 06 18:22:37 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.549	0.549	1.000	0.000

Air Zero Calibration, performed Sat Apr 06 18:21:54 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** Sparboe 26C-26HZ  
**Field** Wattenberg  
**County** Weld  
**State** Colorado