

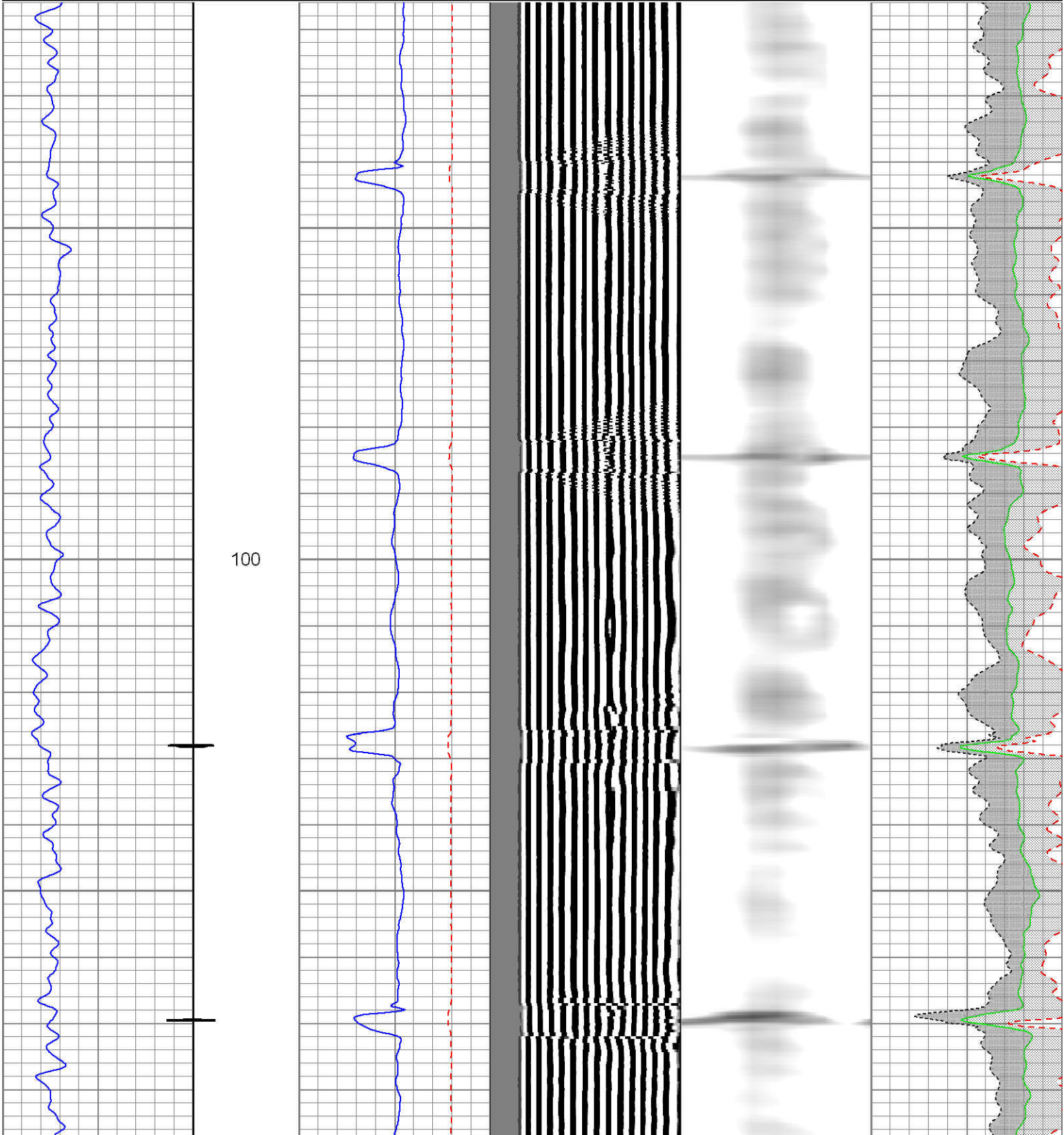


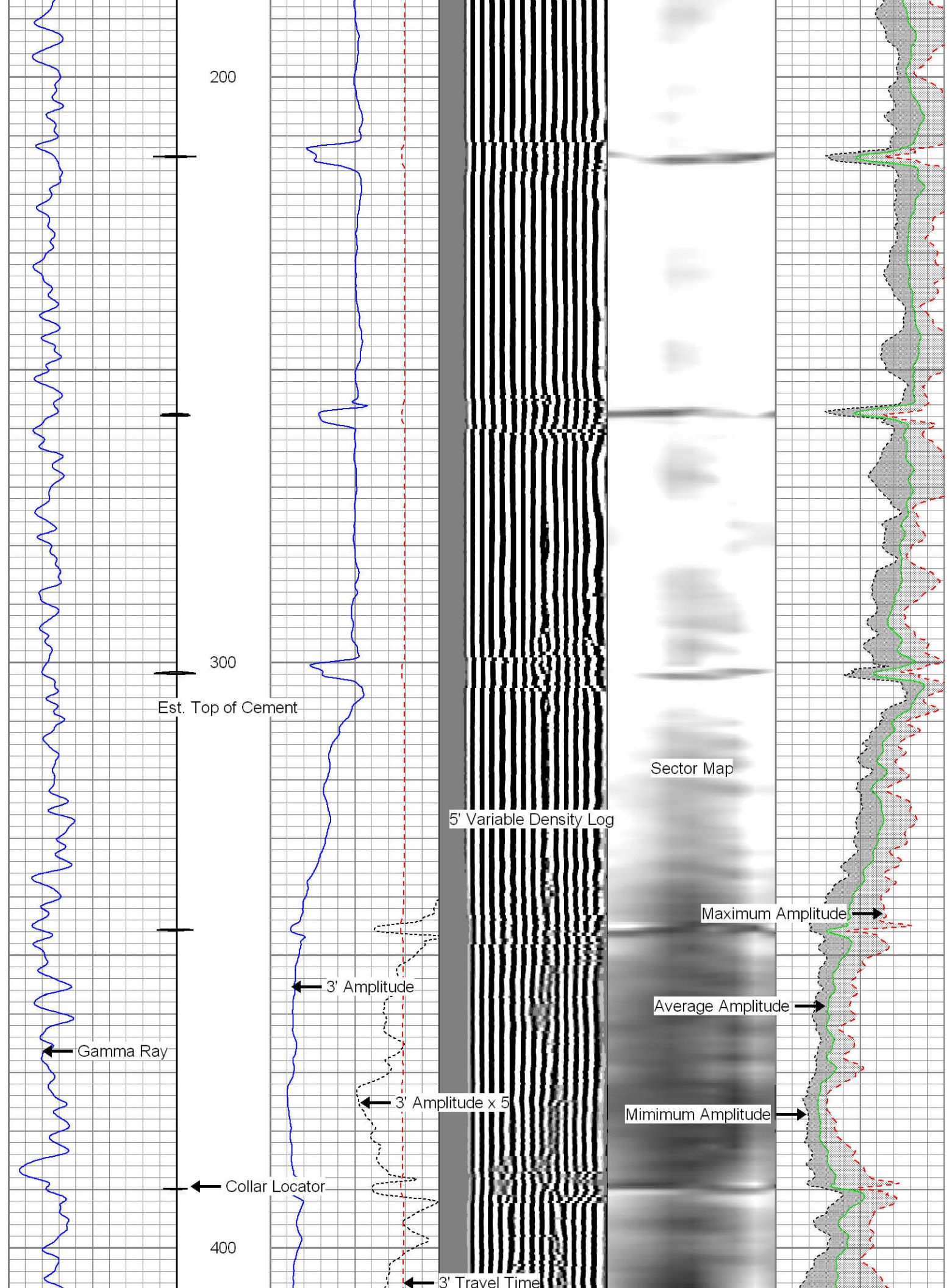
<<< Fold Here >>>

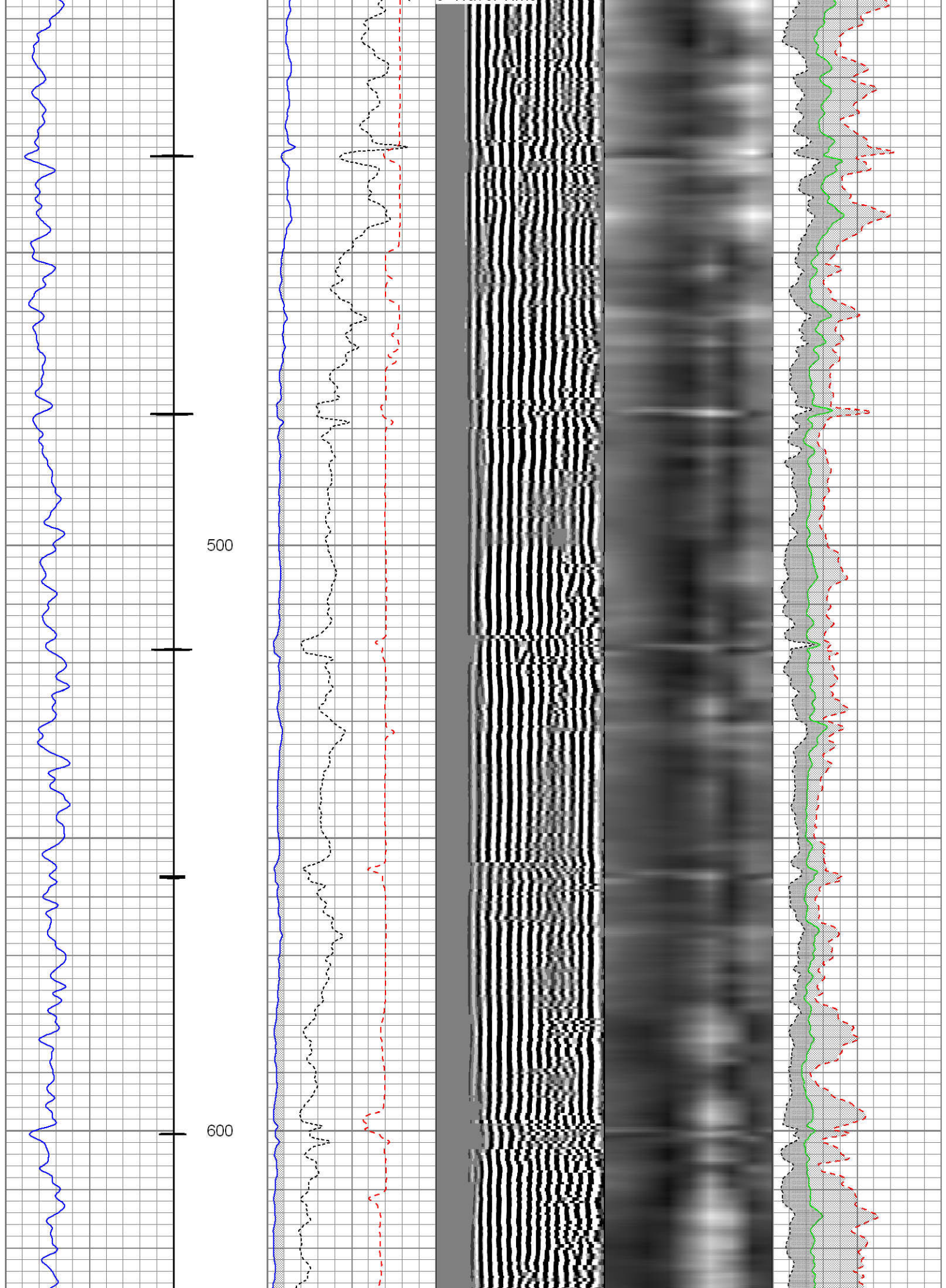
Comments

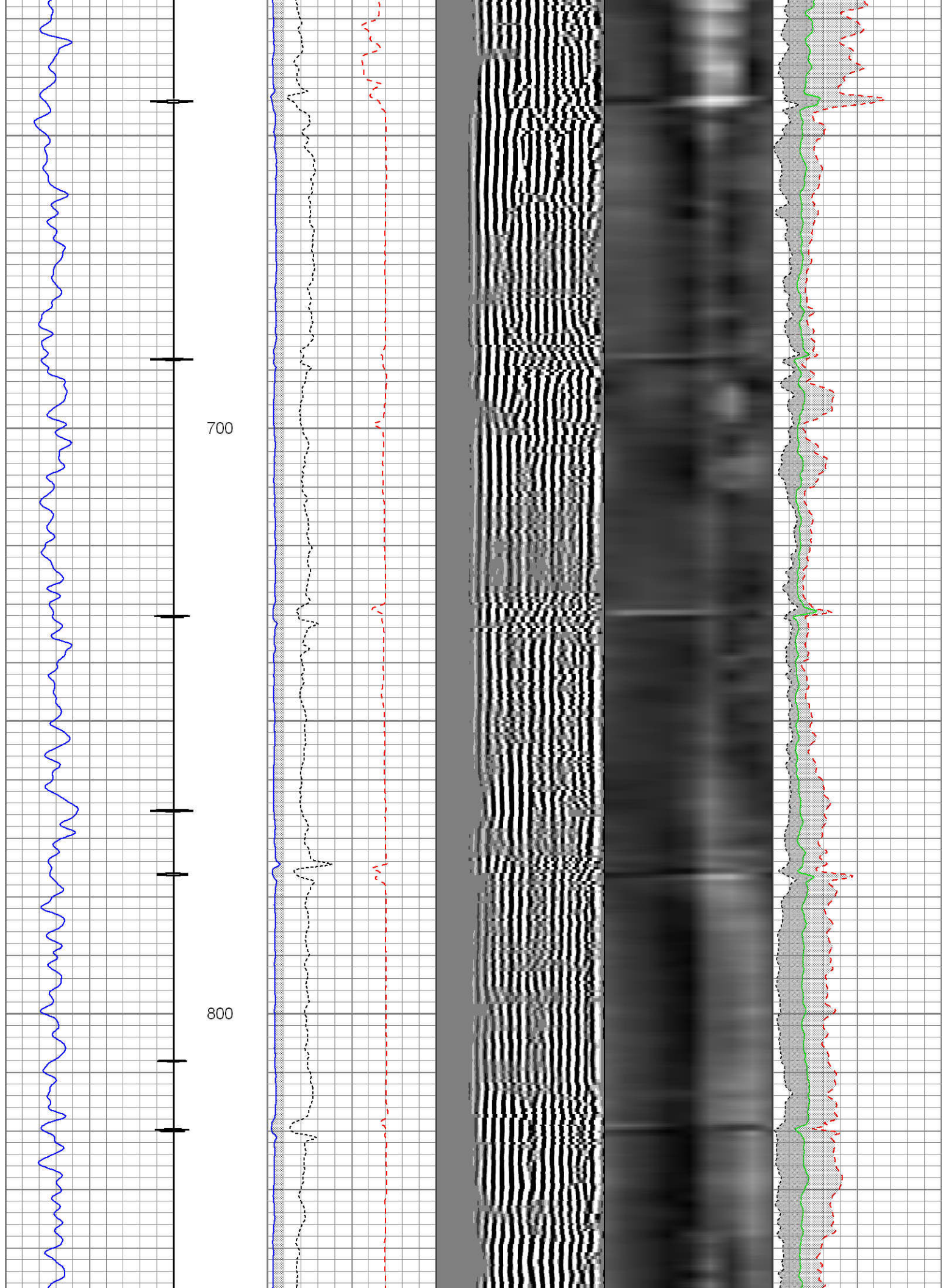
Main Pass @ 2800psi

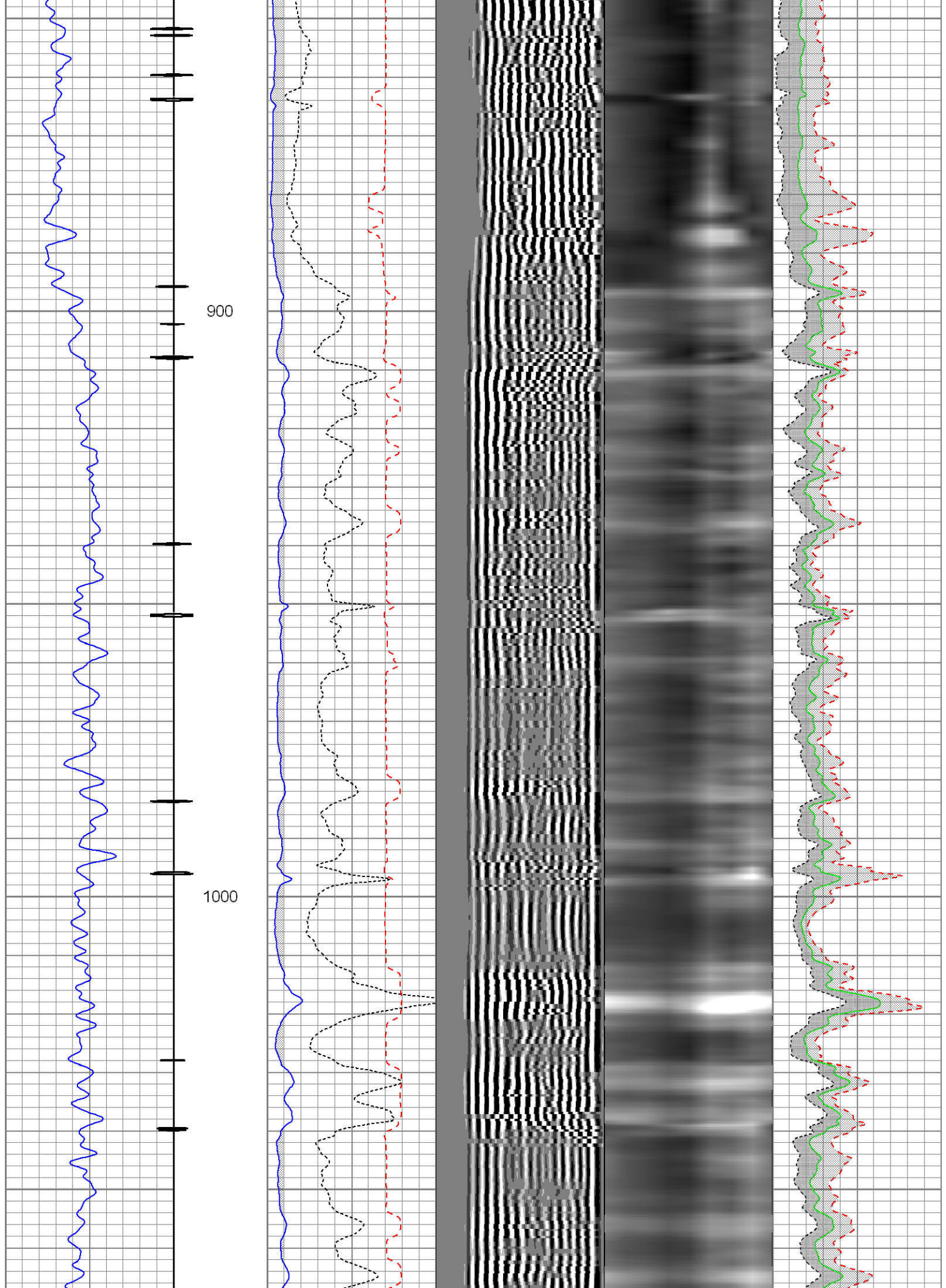
0	Gamma Ray	150	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
	Collar Locator		0 (mV) 100	200 1200		0 100
			3' Amplitude x 5			Minimum Amplitude
			0 (mV) 20			0 100
			3' Travel Time			Maximum Amplitude
			650 (usec) 150			0 100

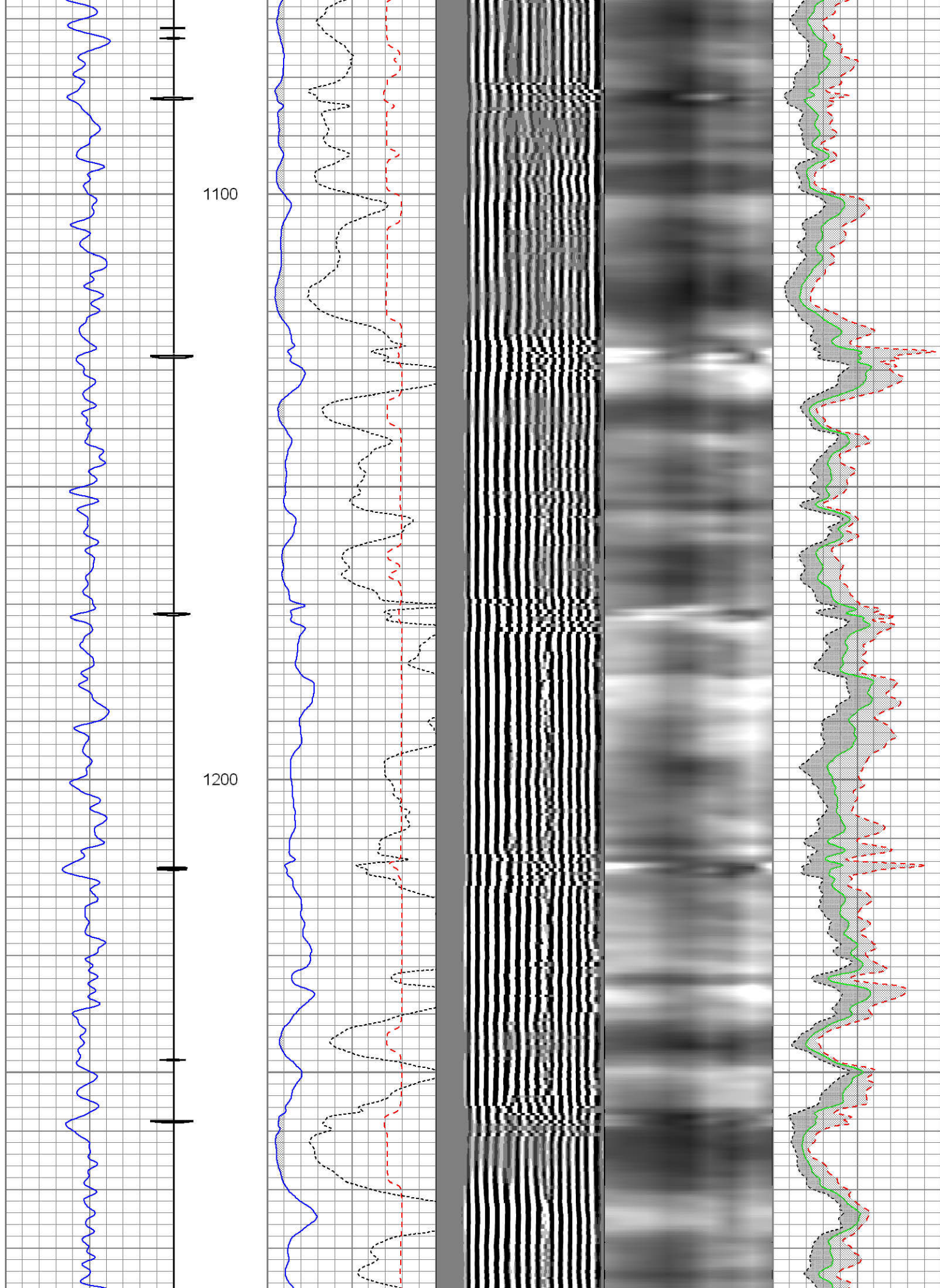


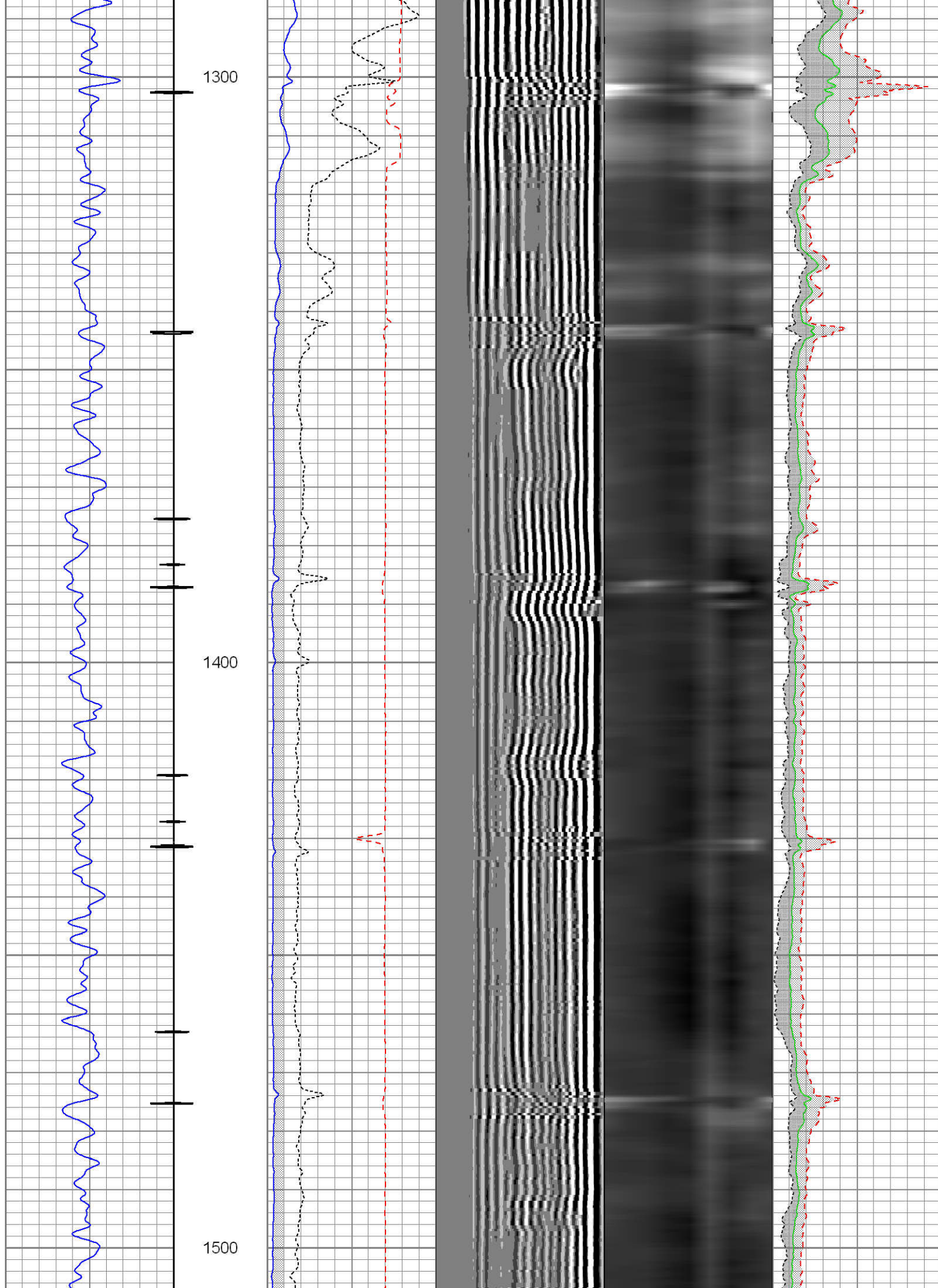


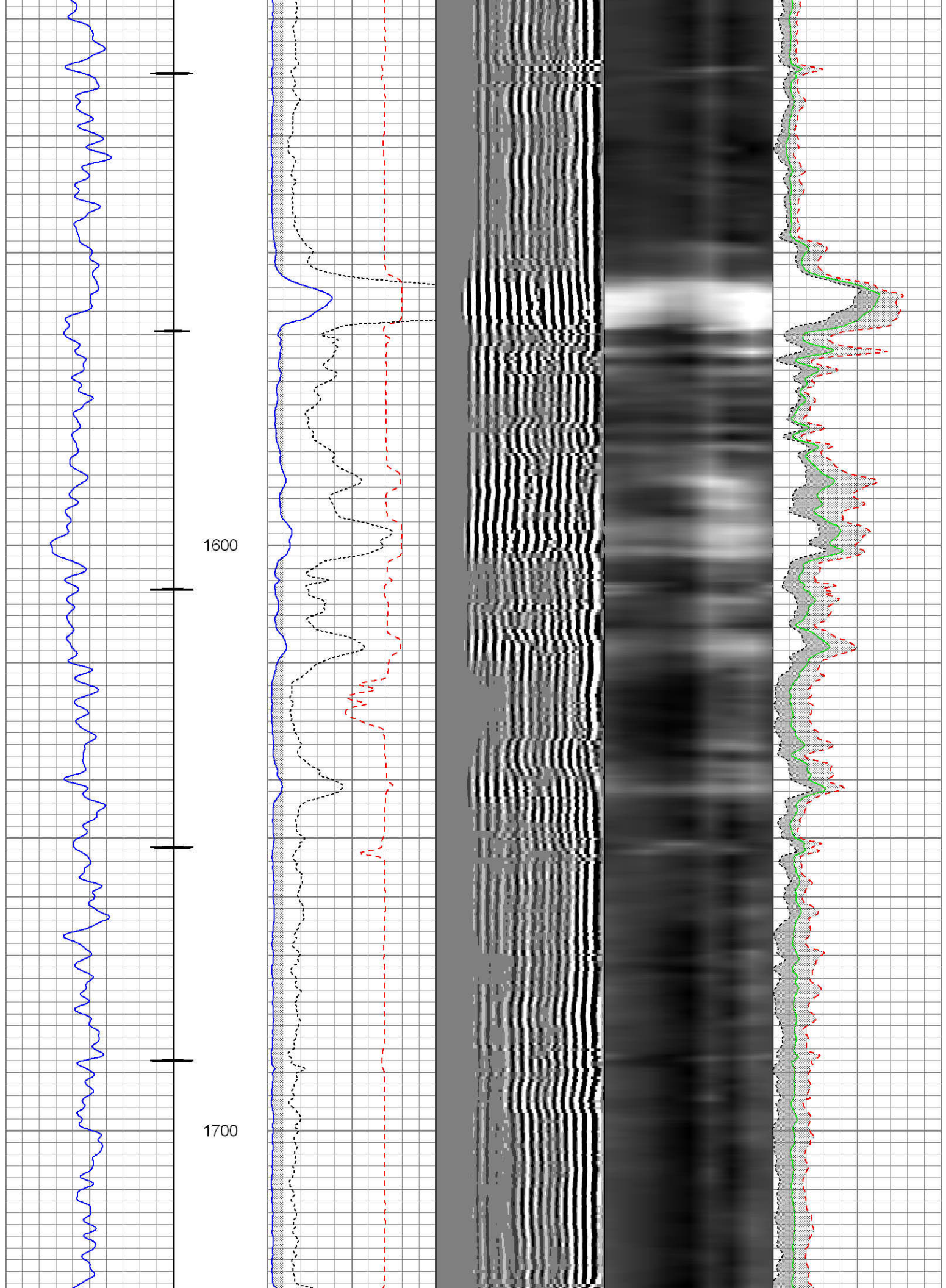


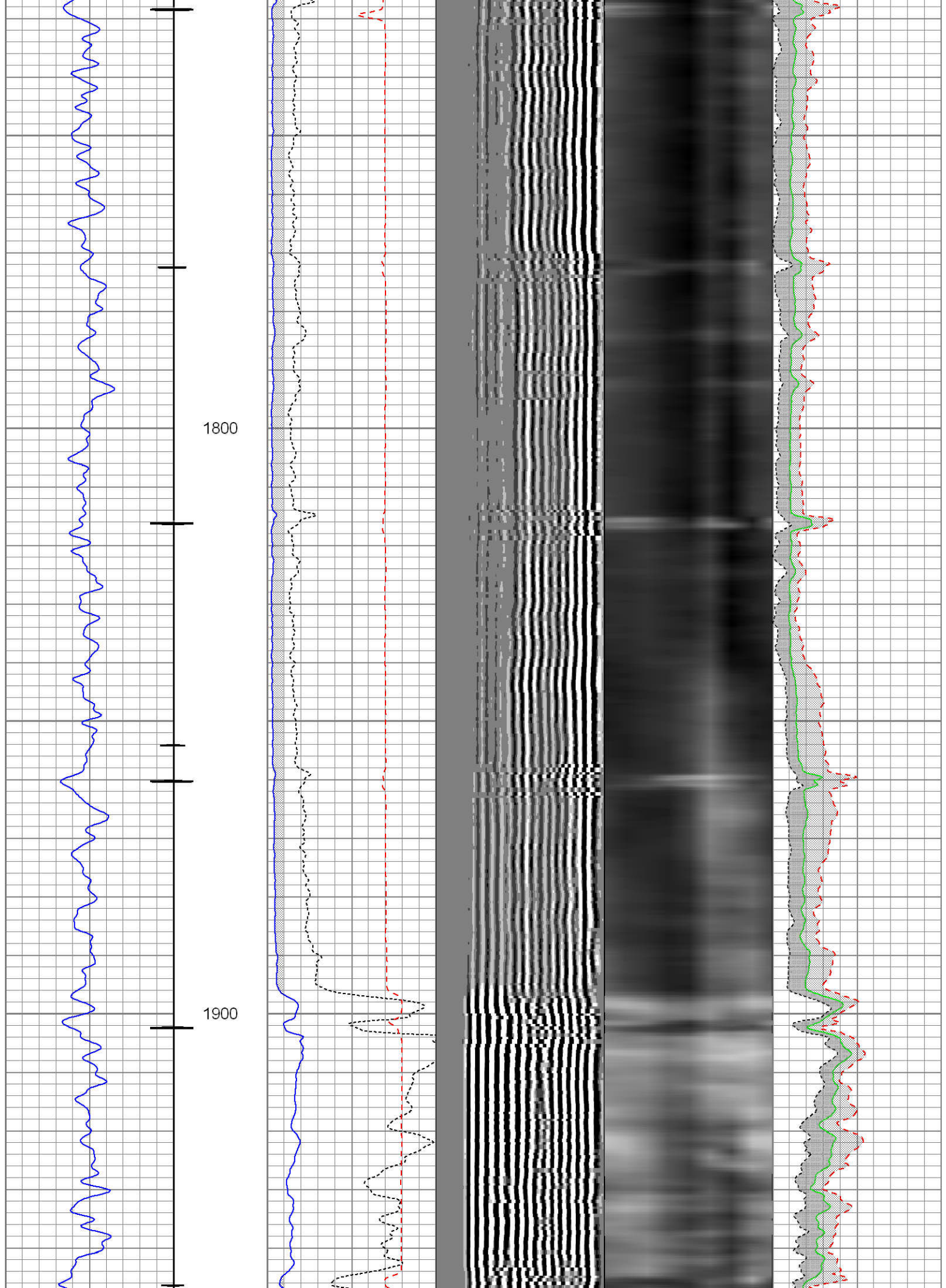


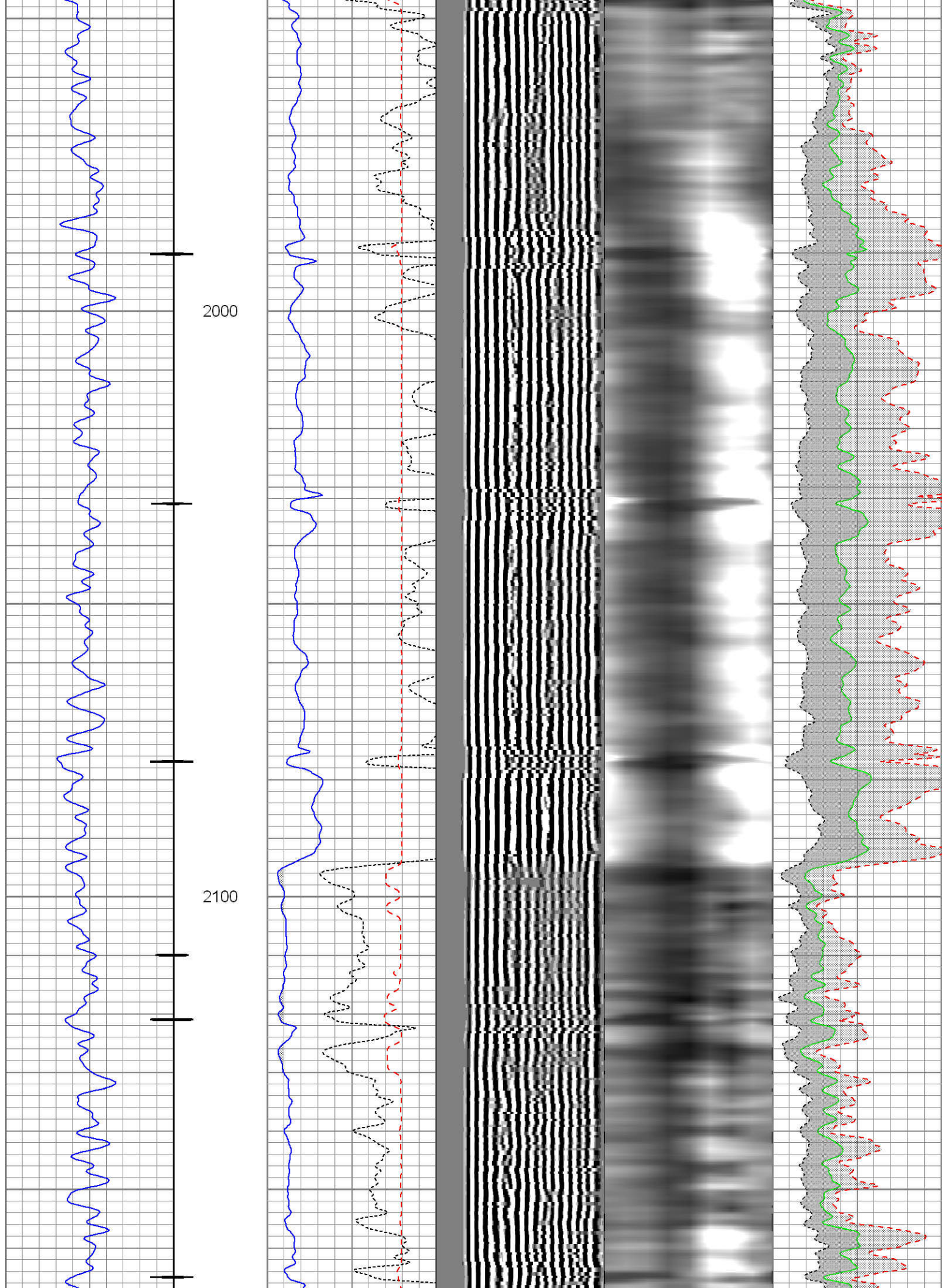


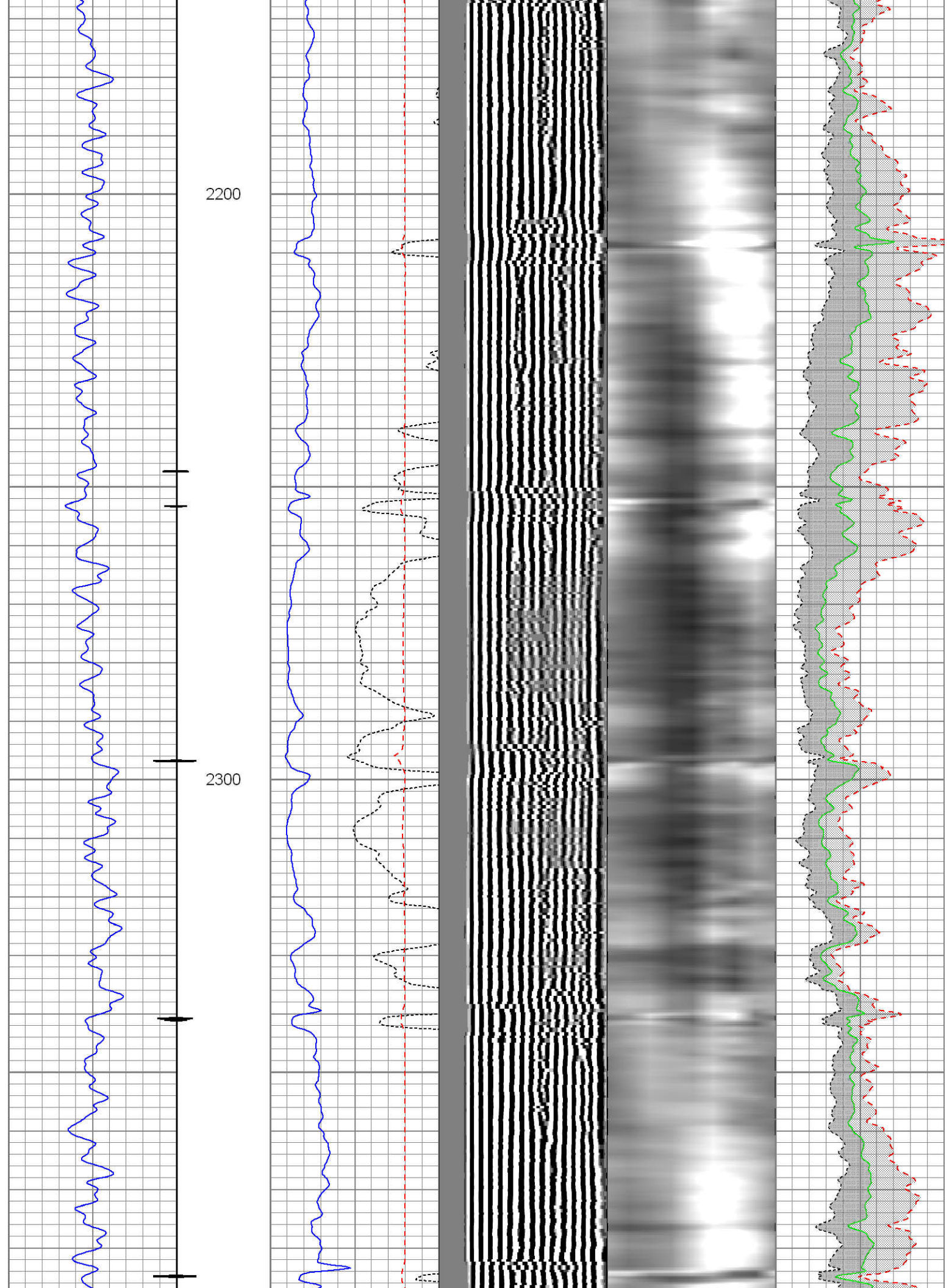


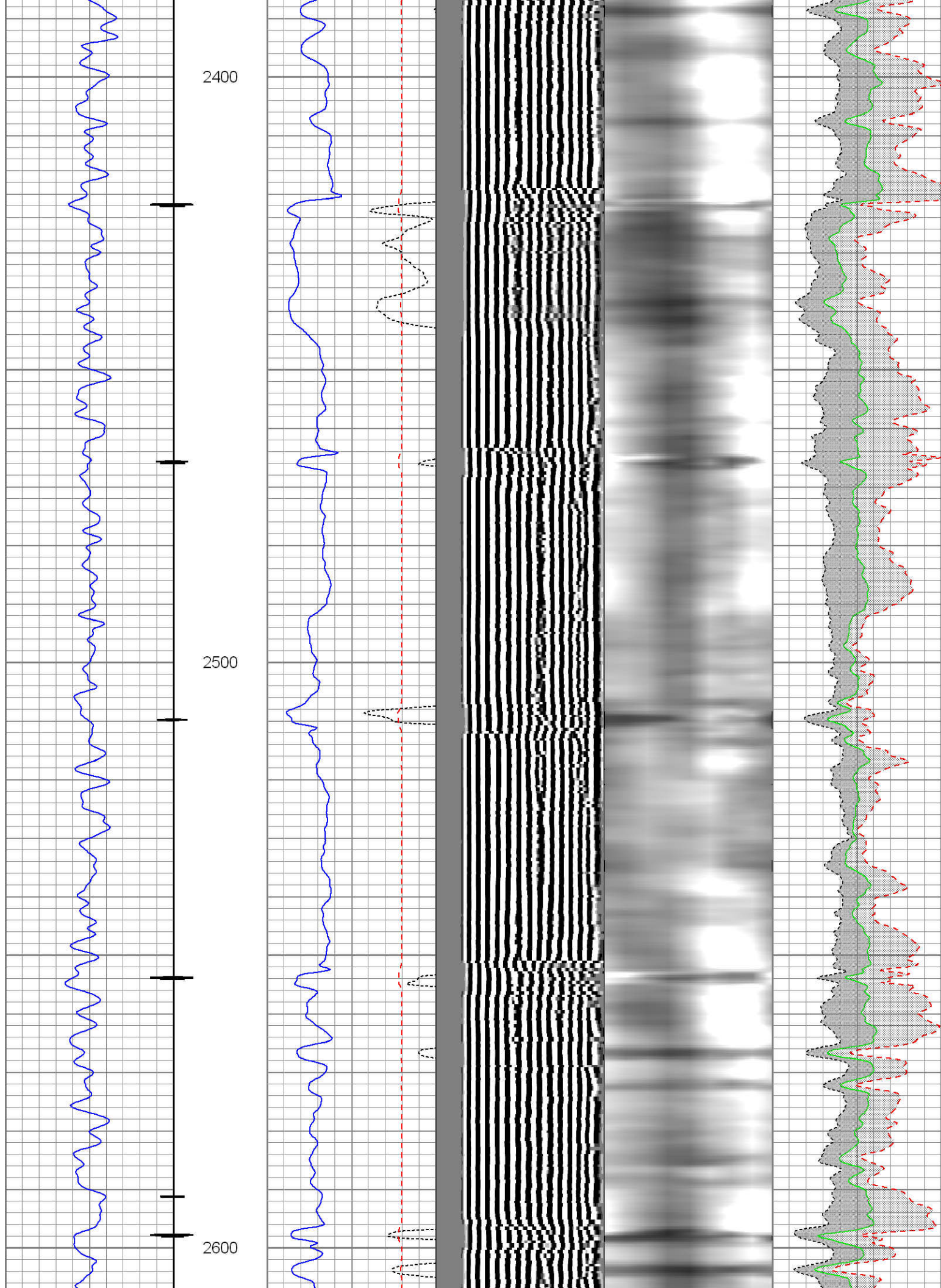


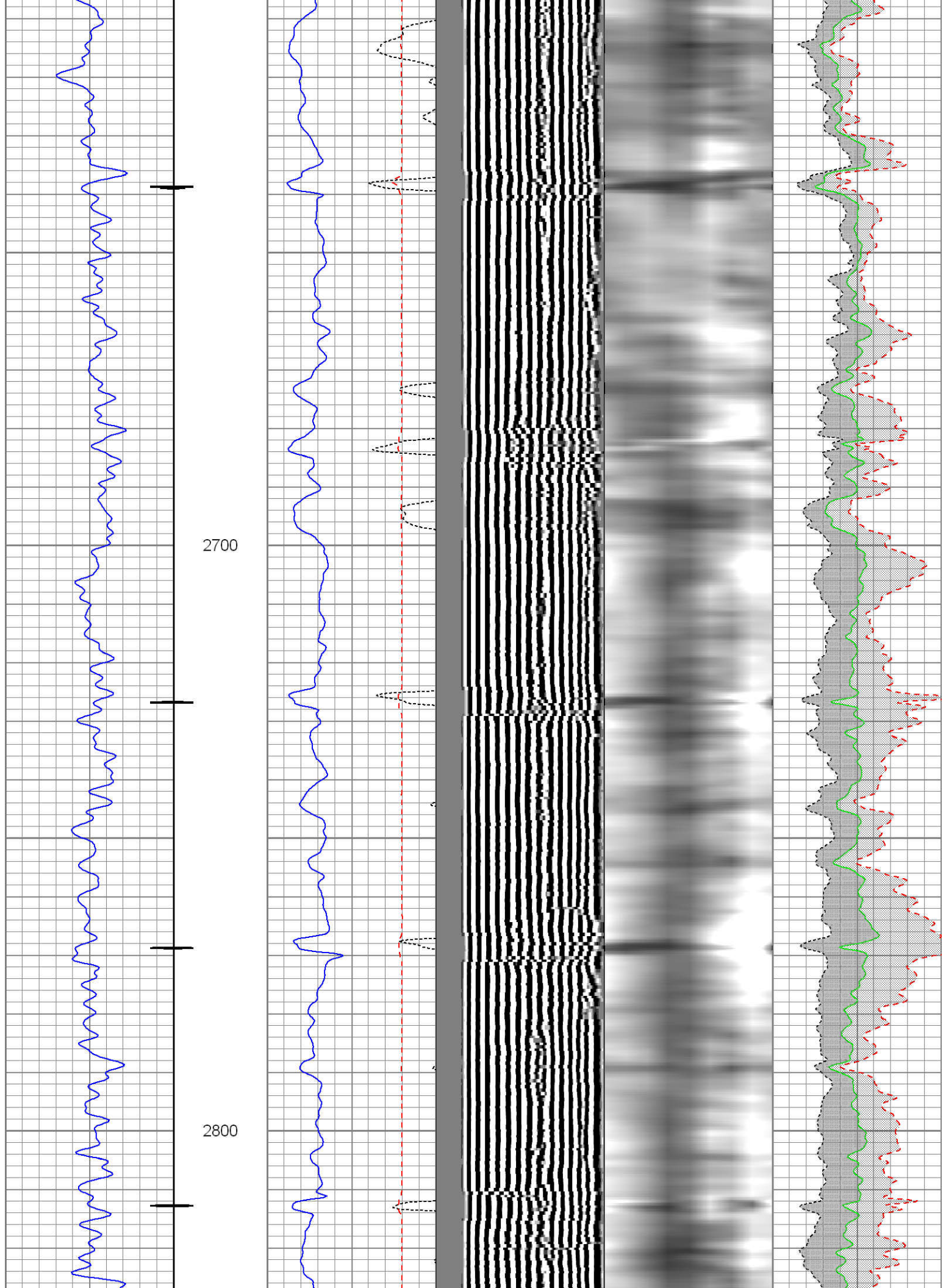


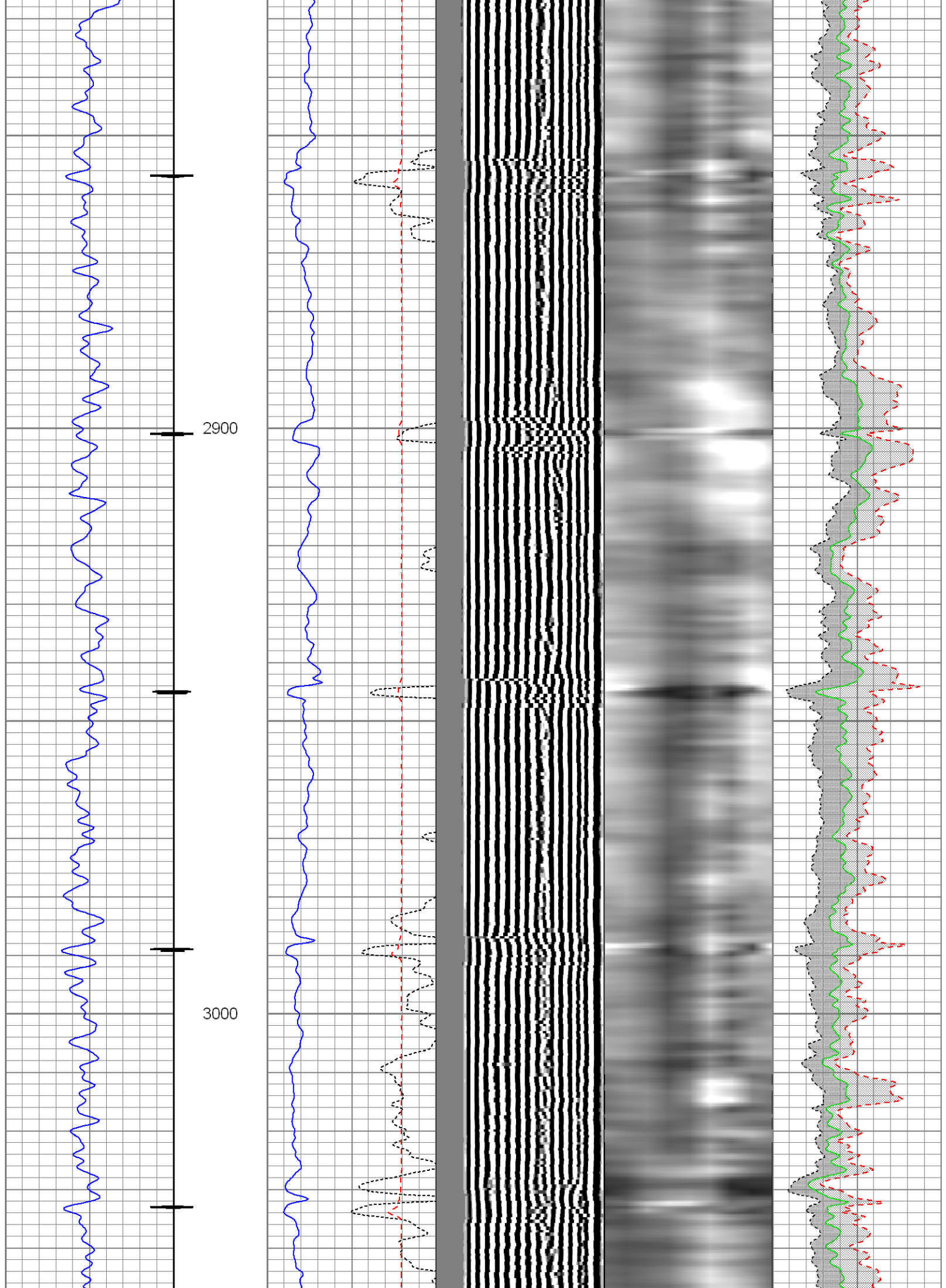


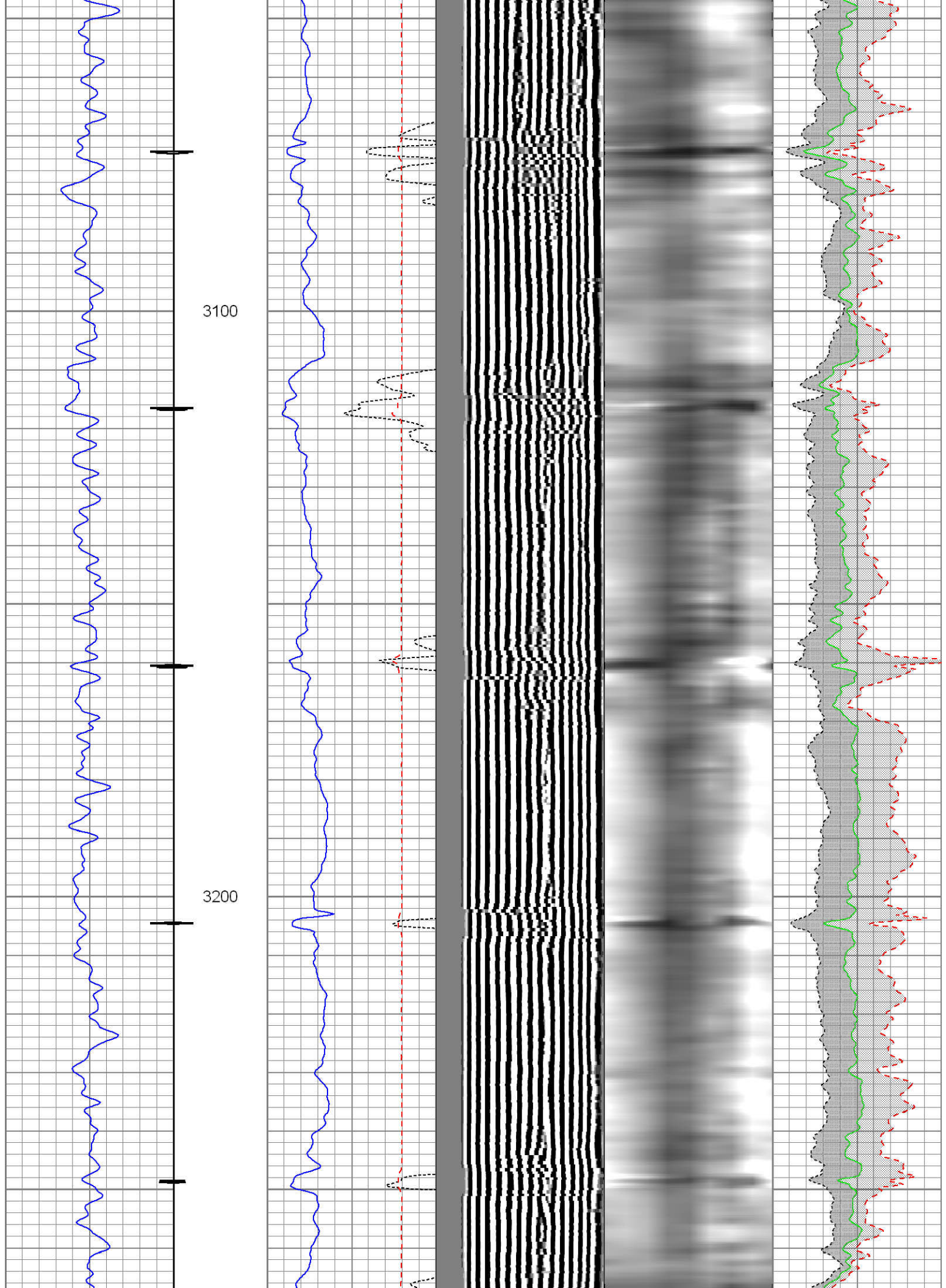


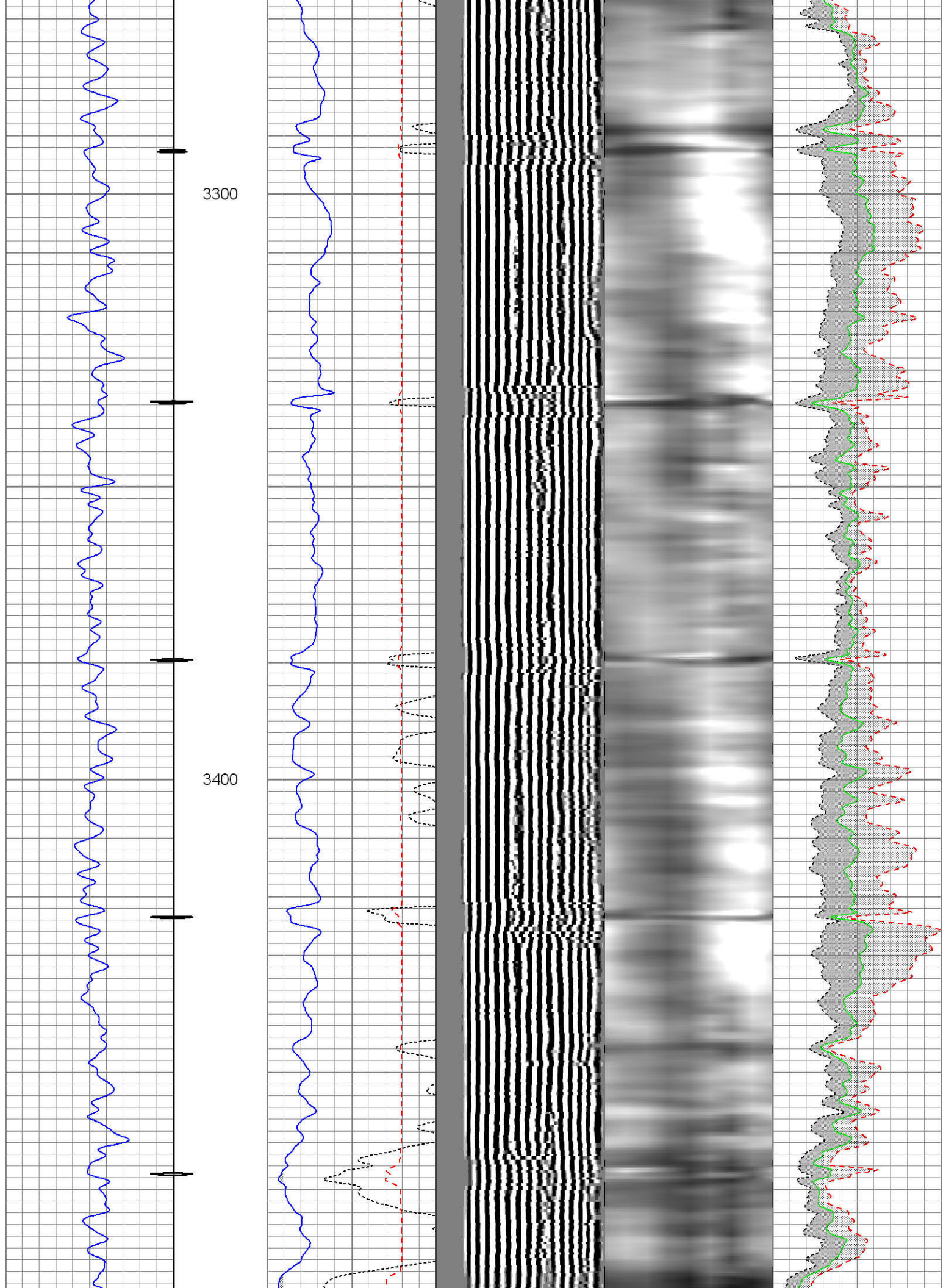


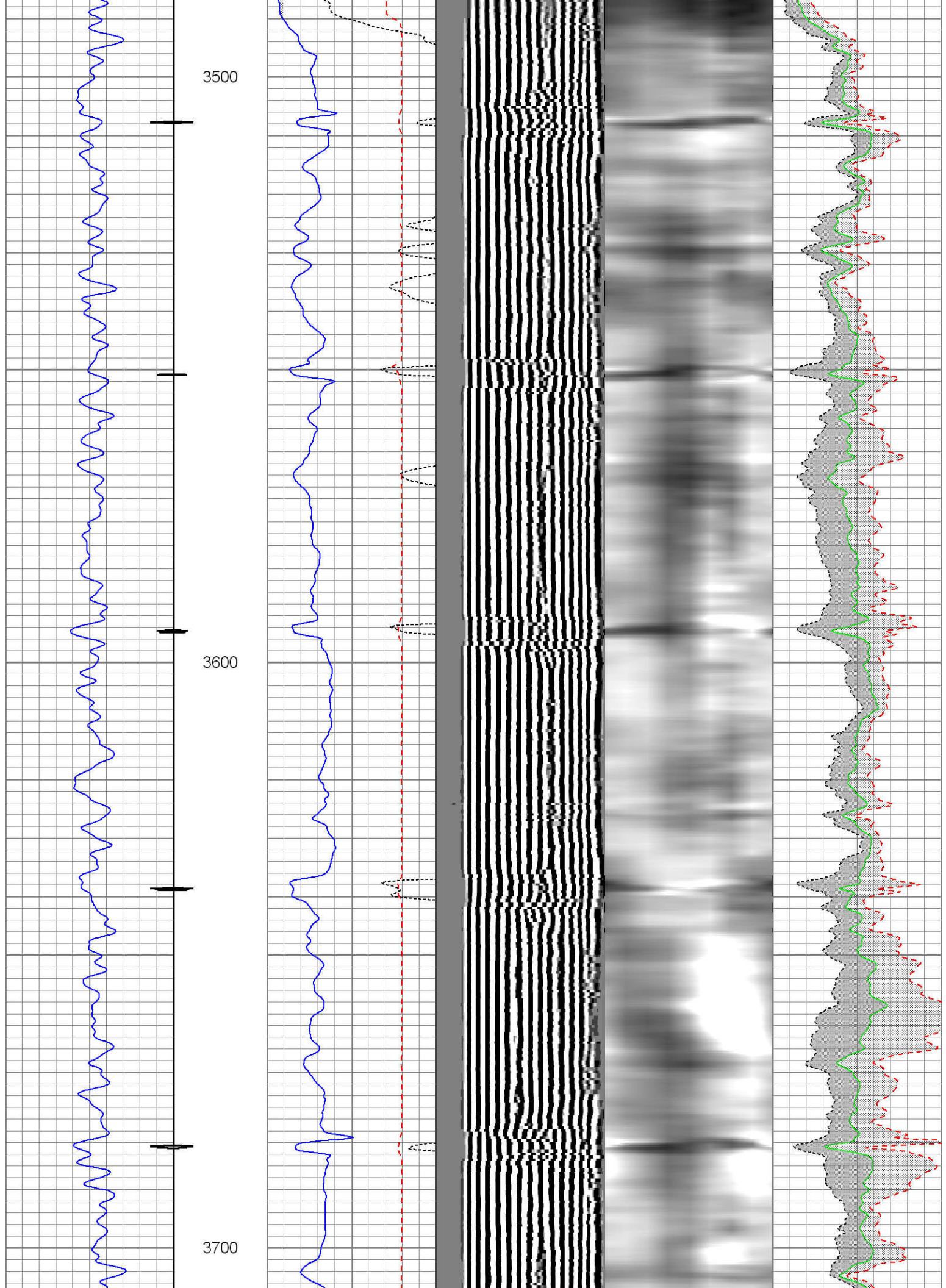


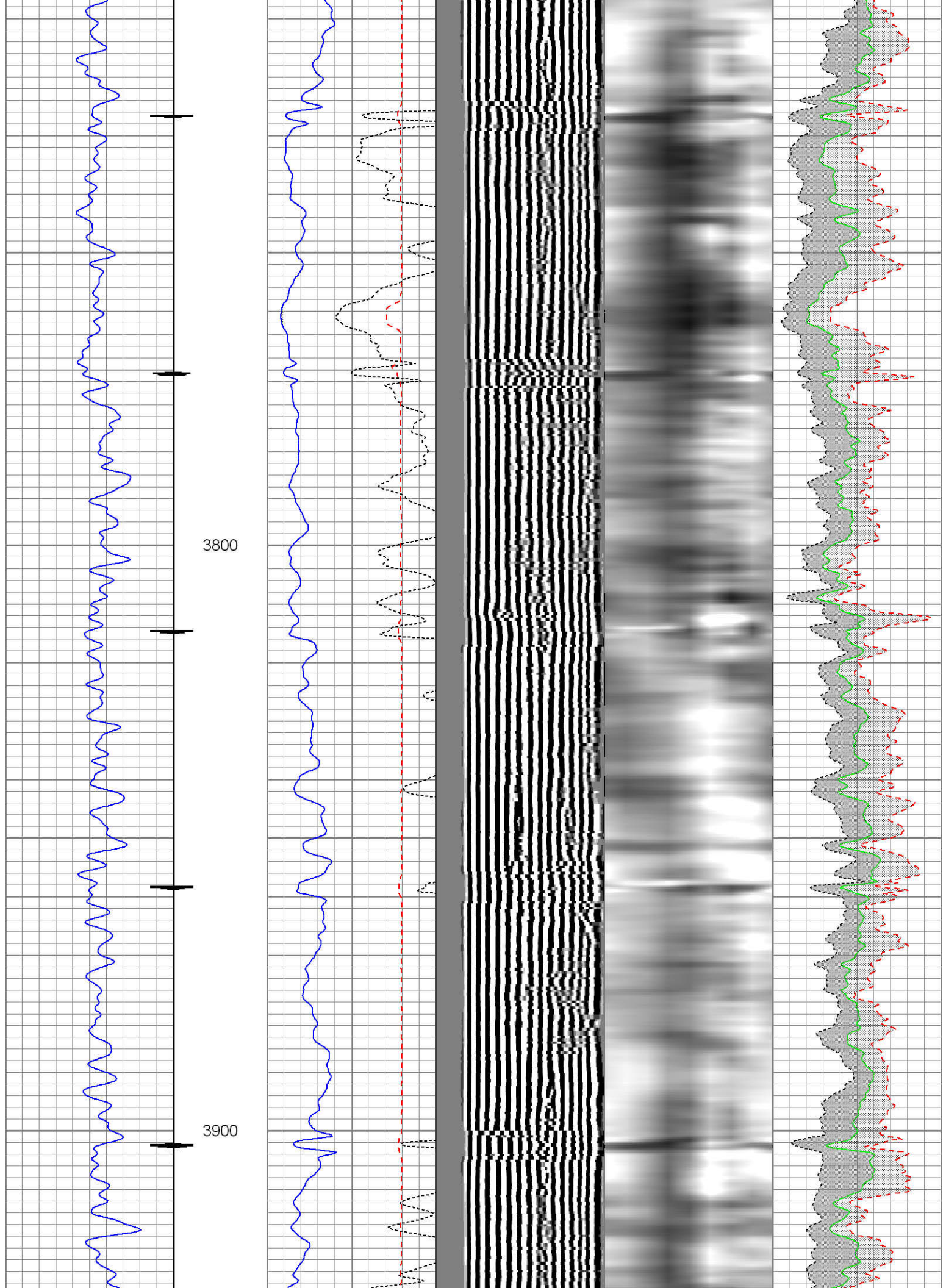


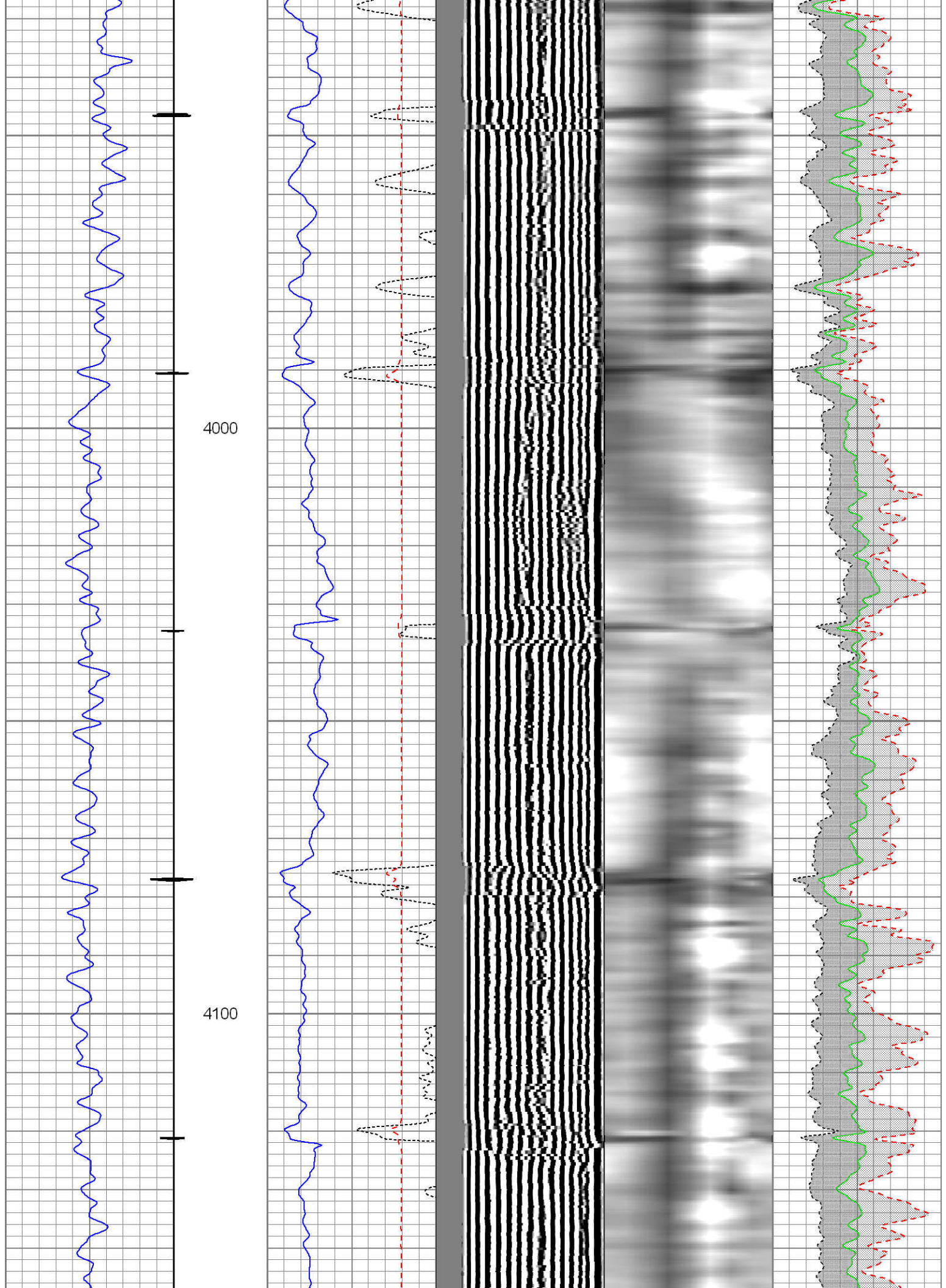


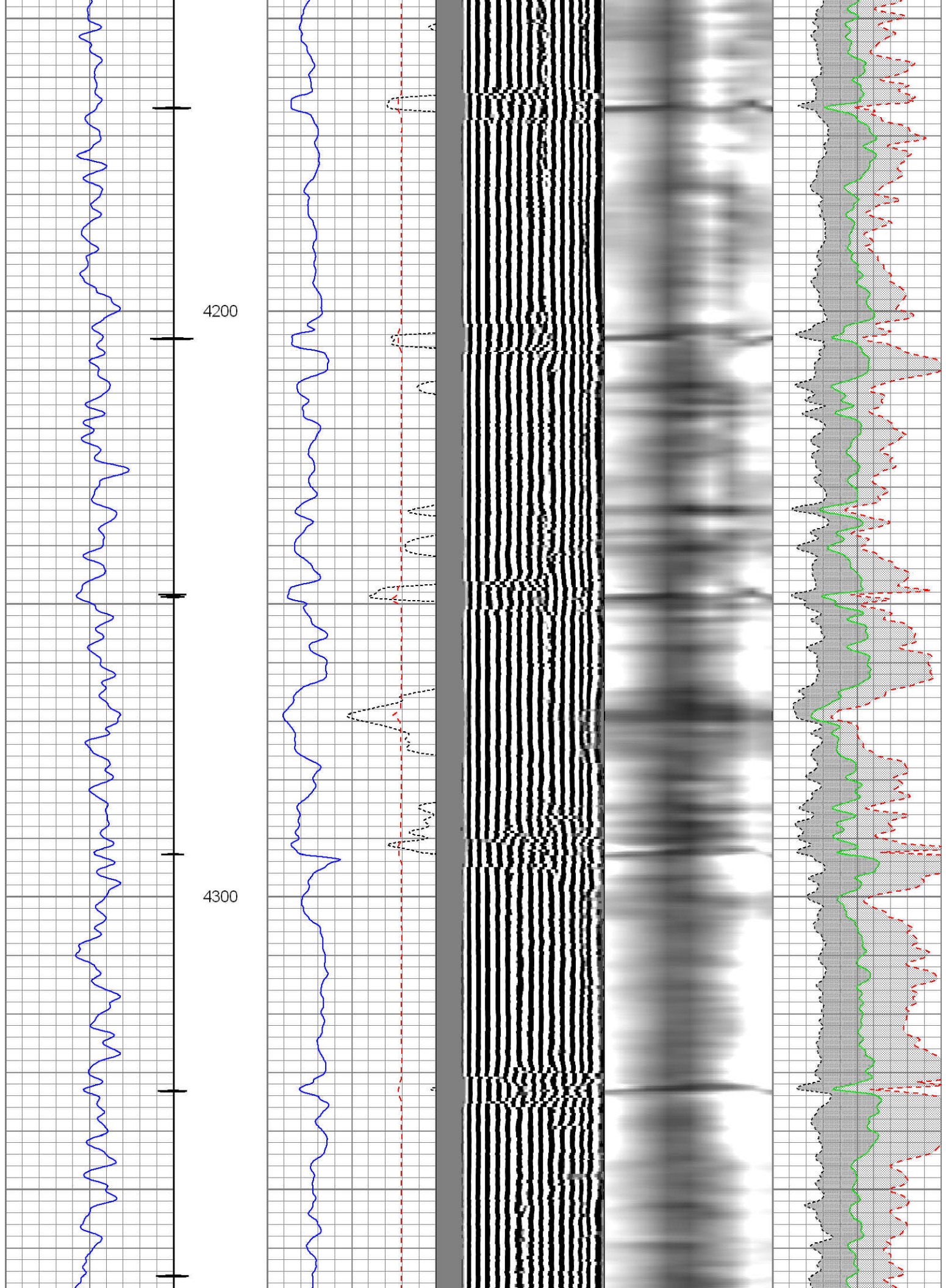


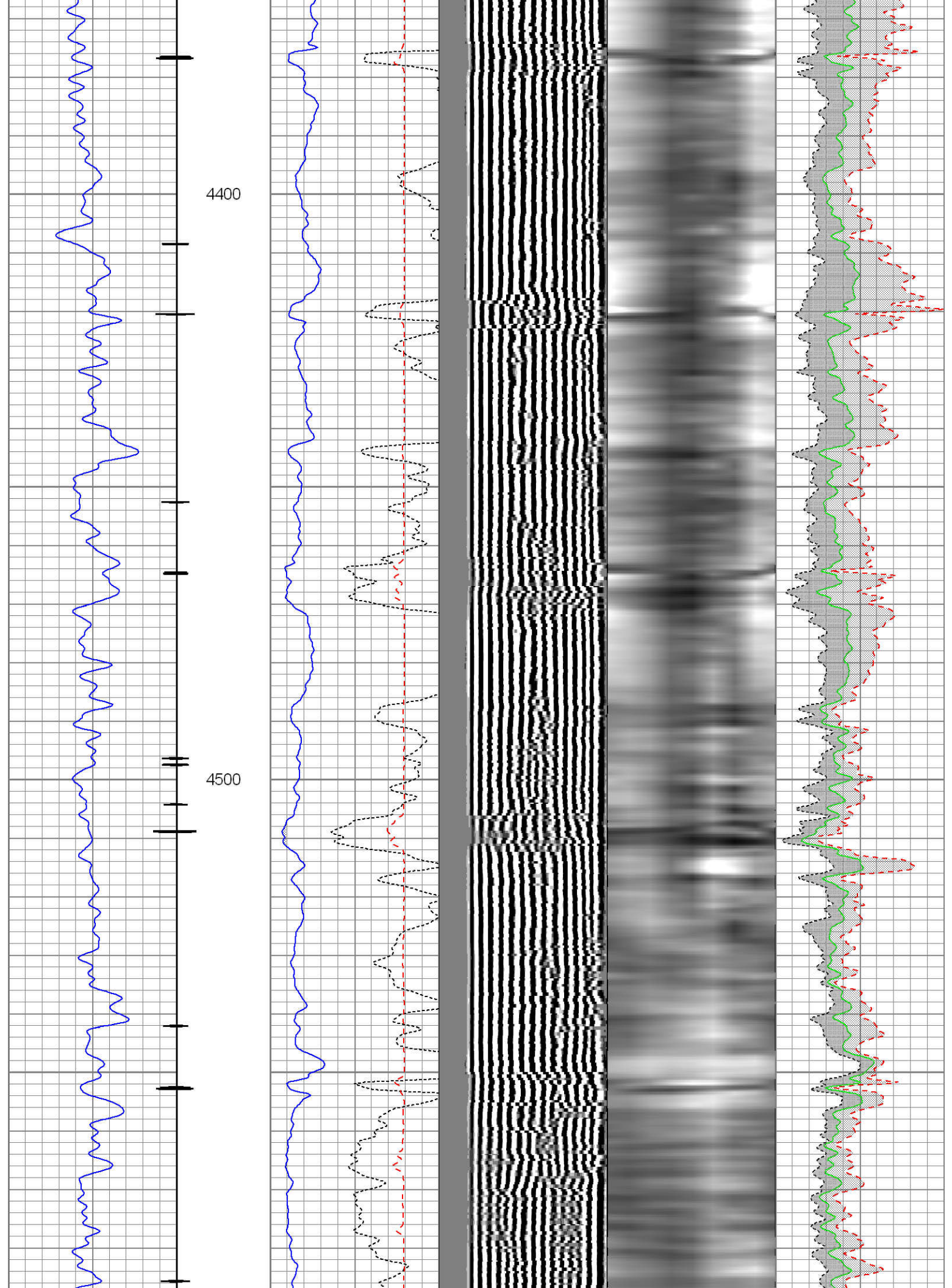


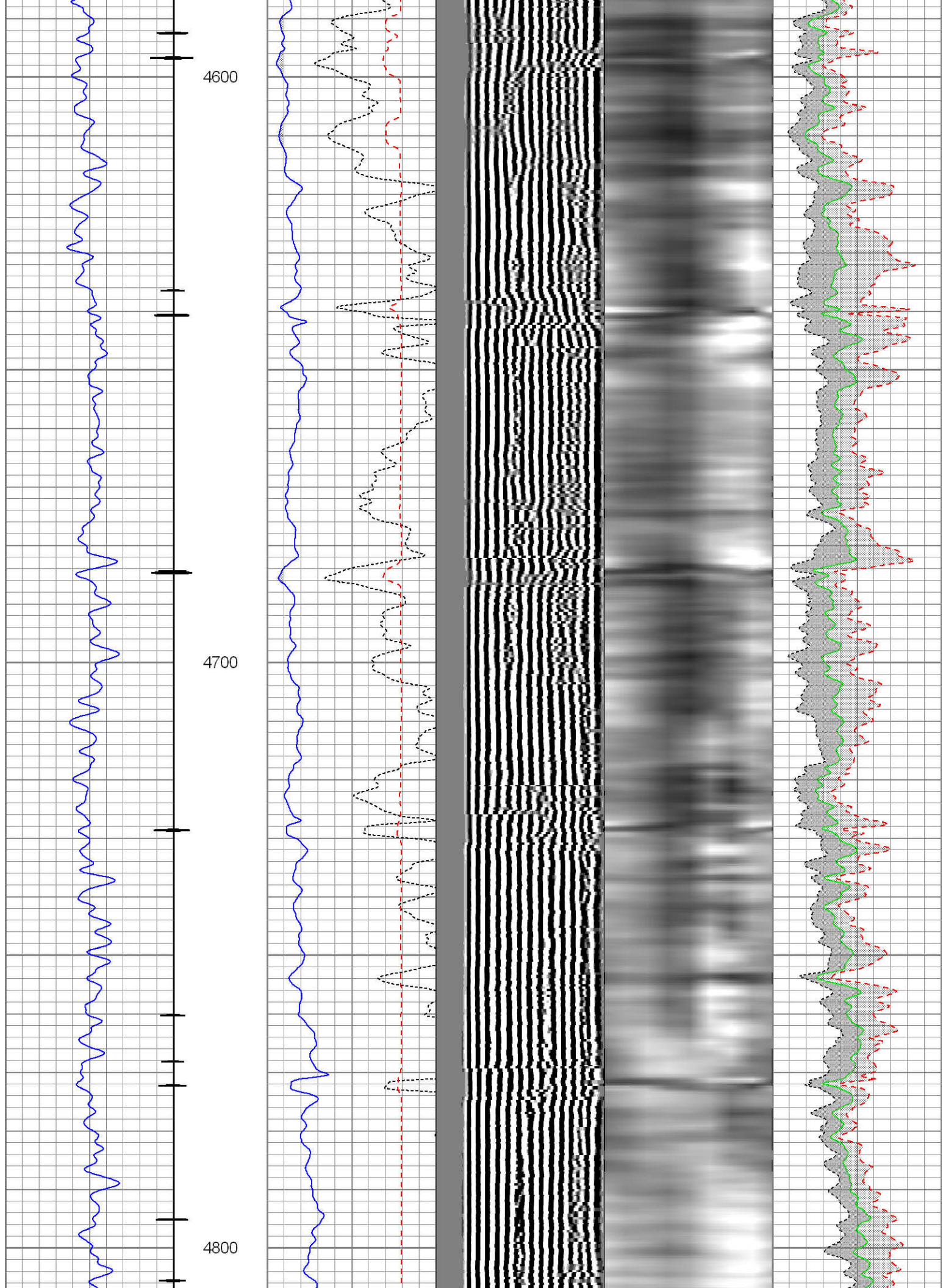


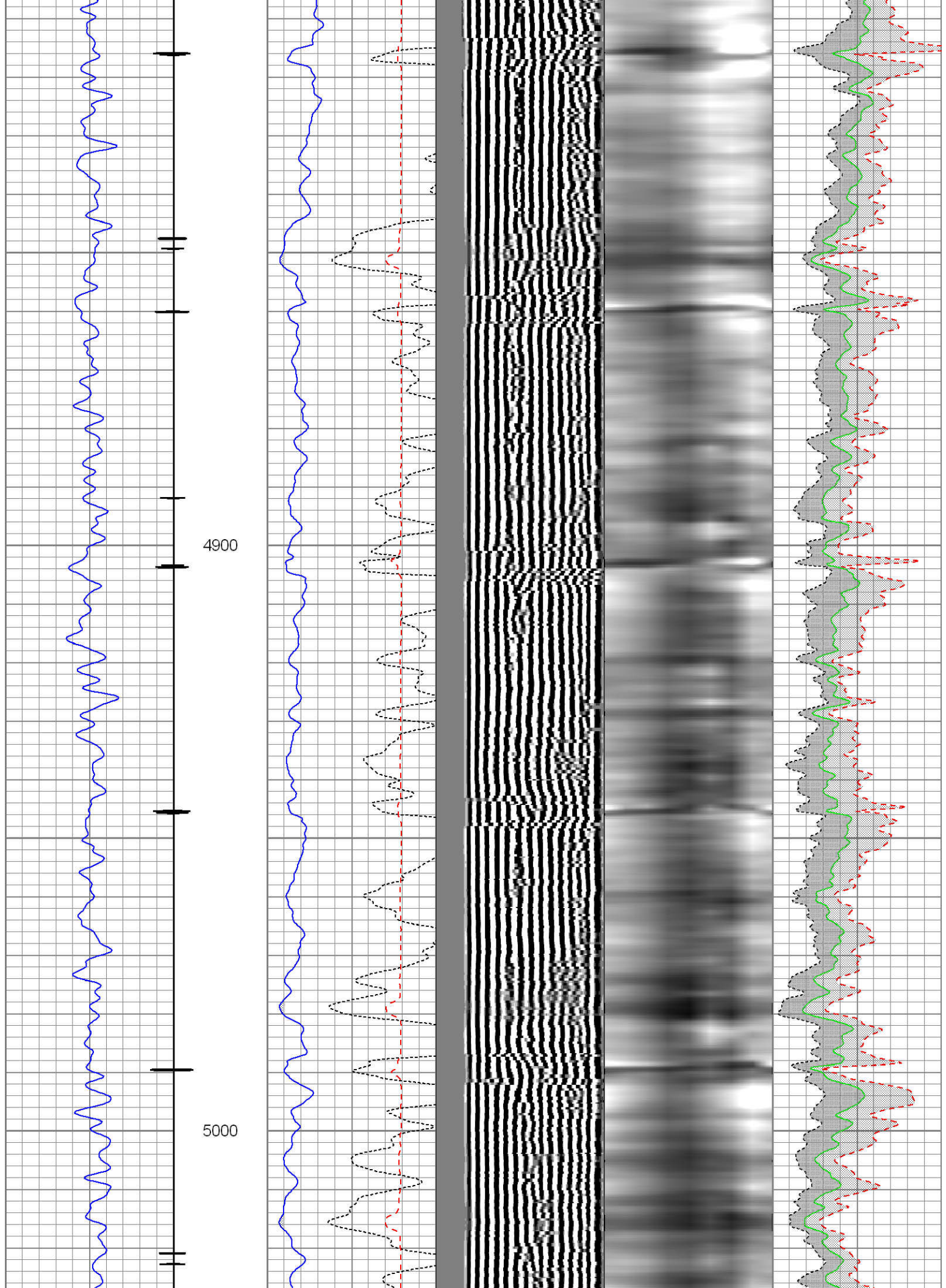


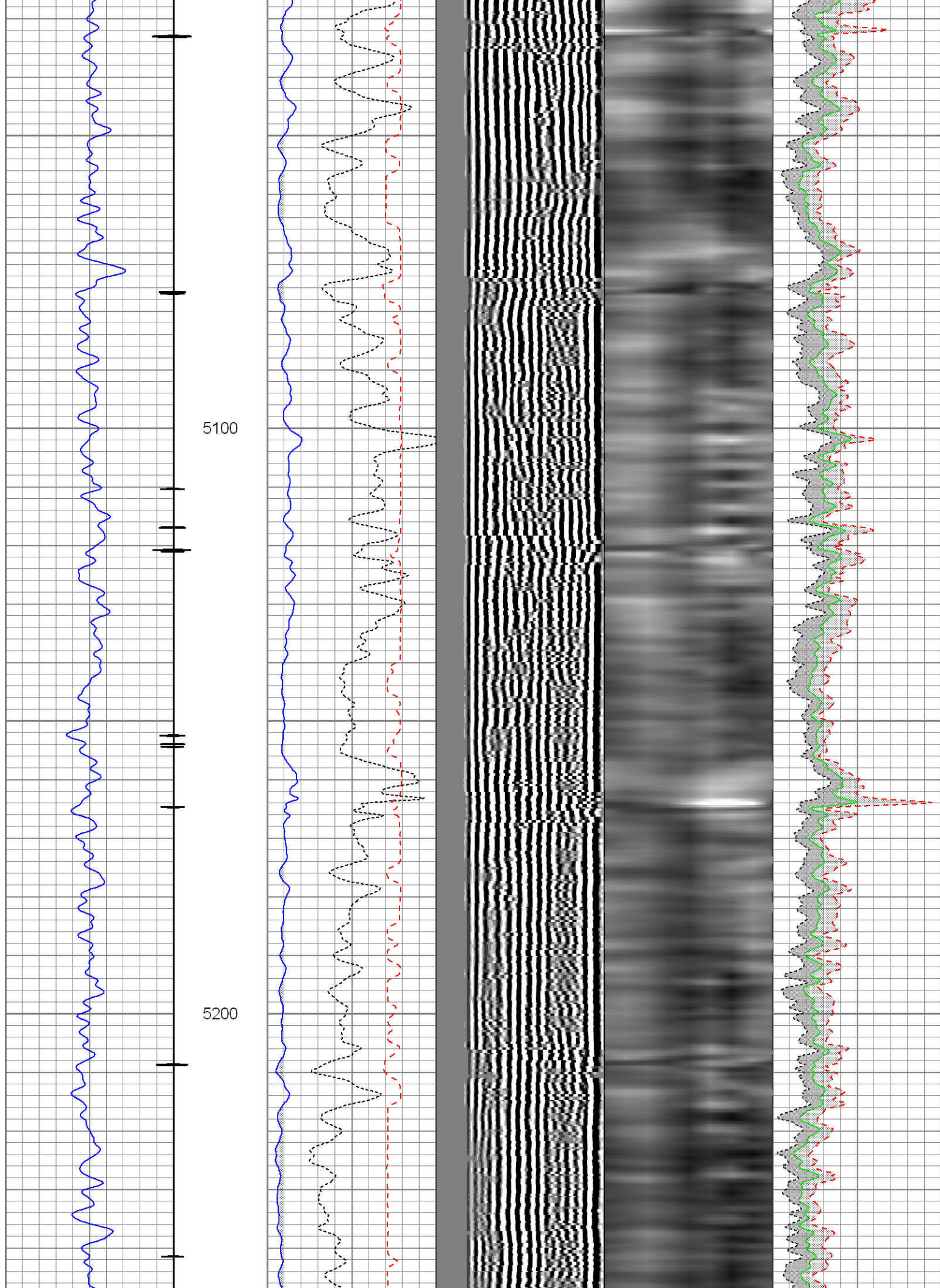


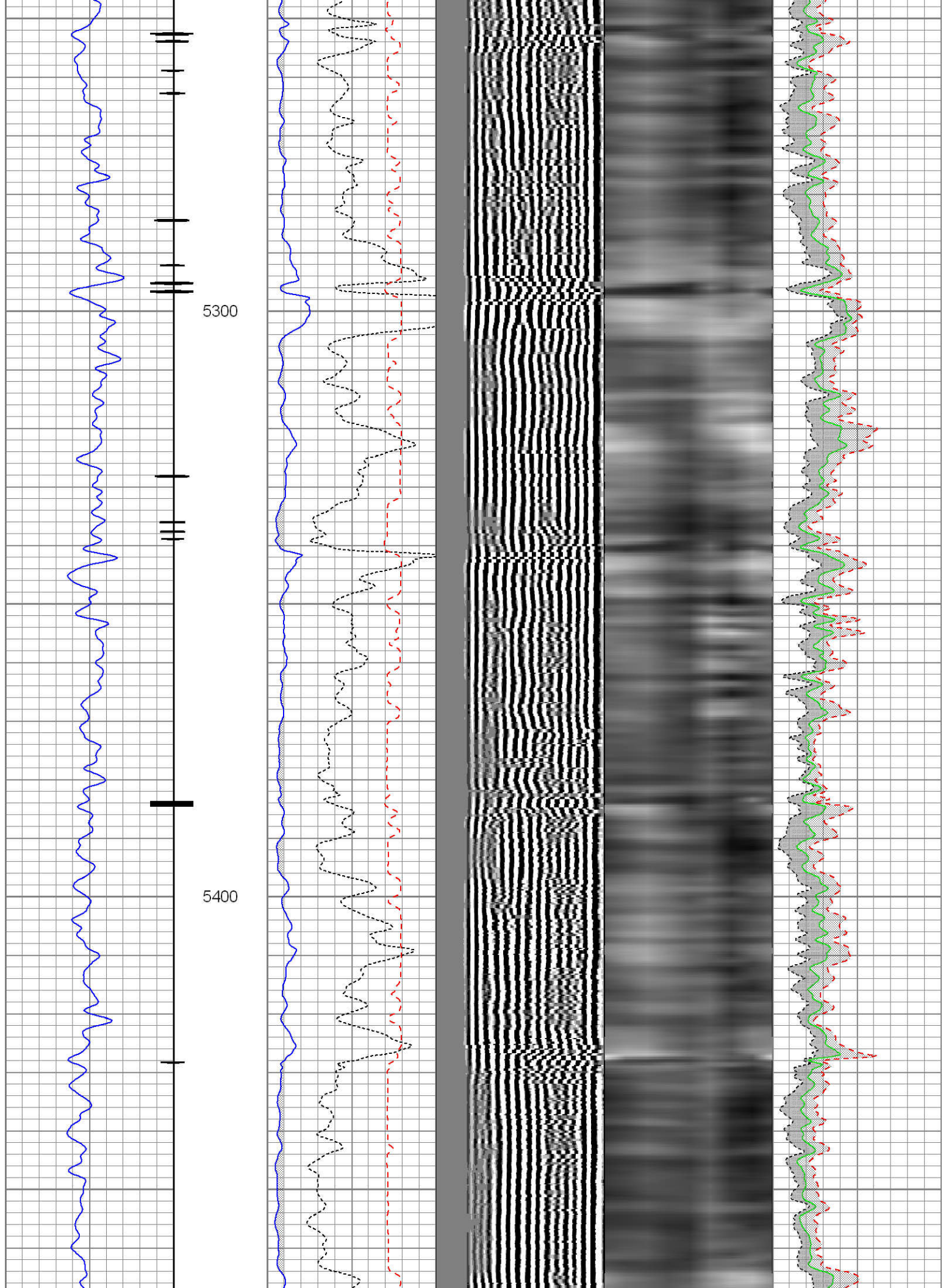


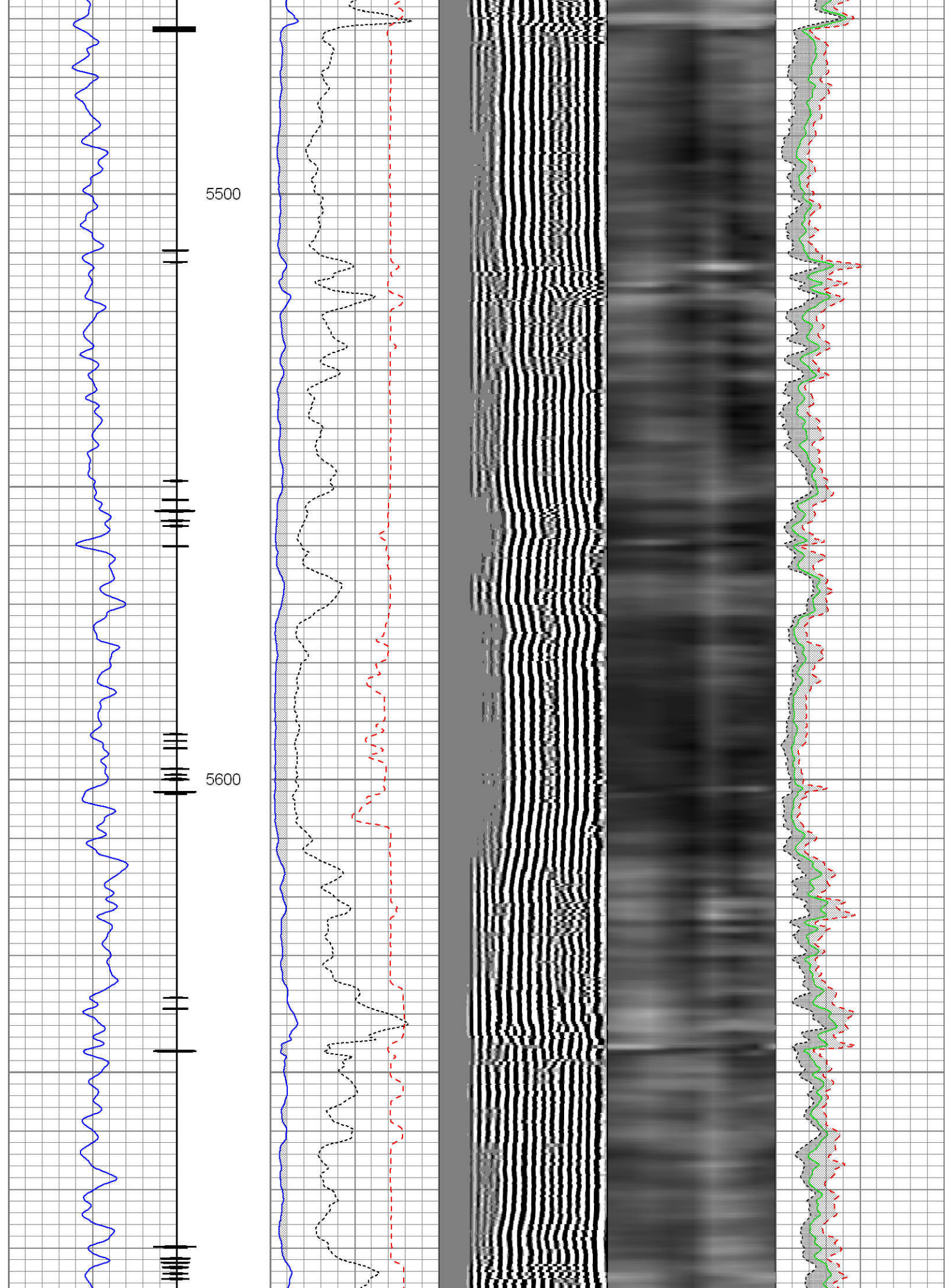


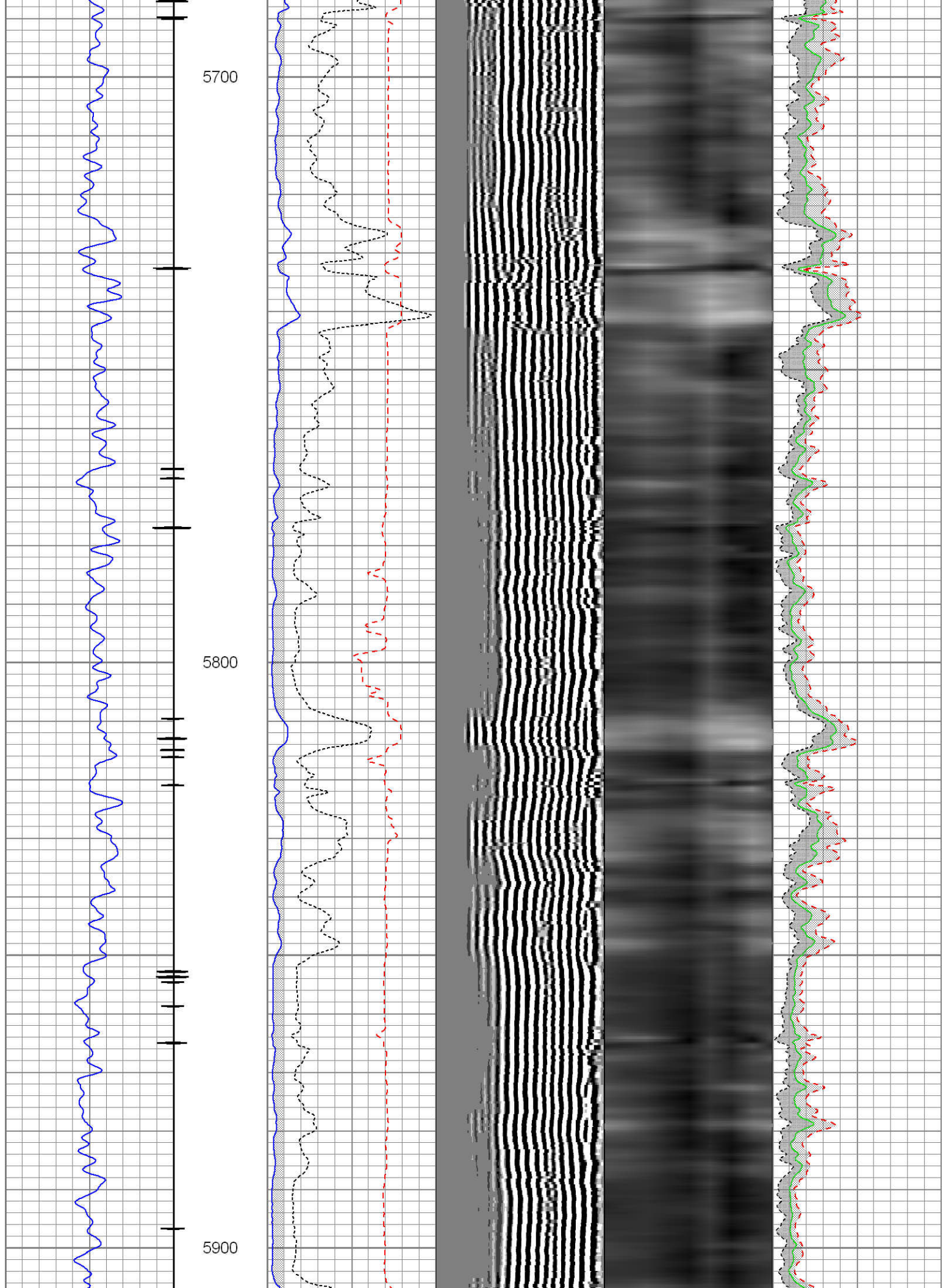


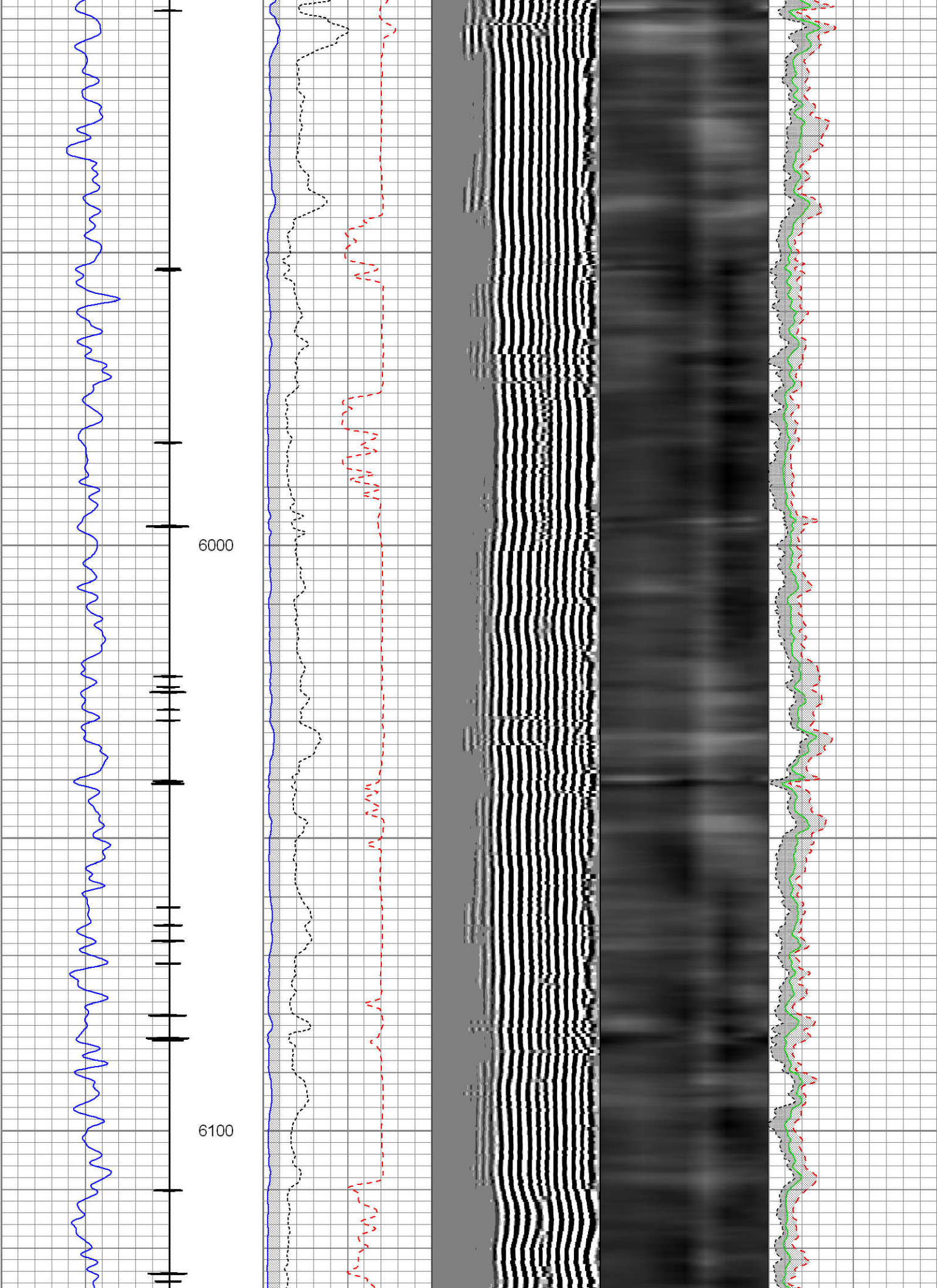


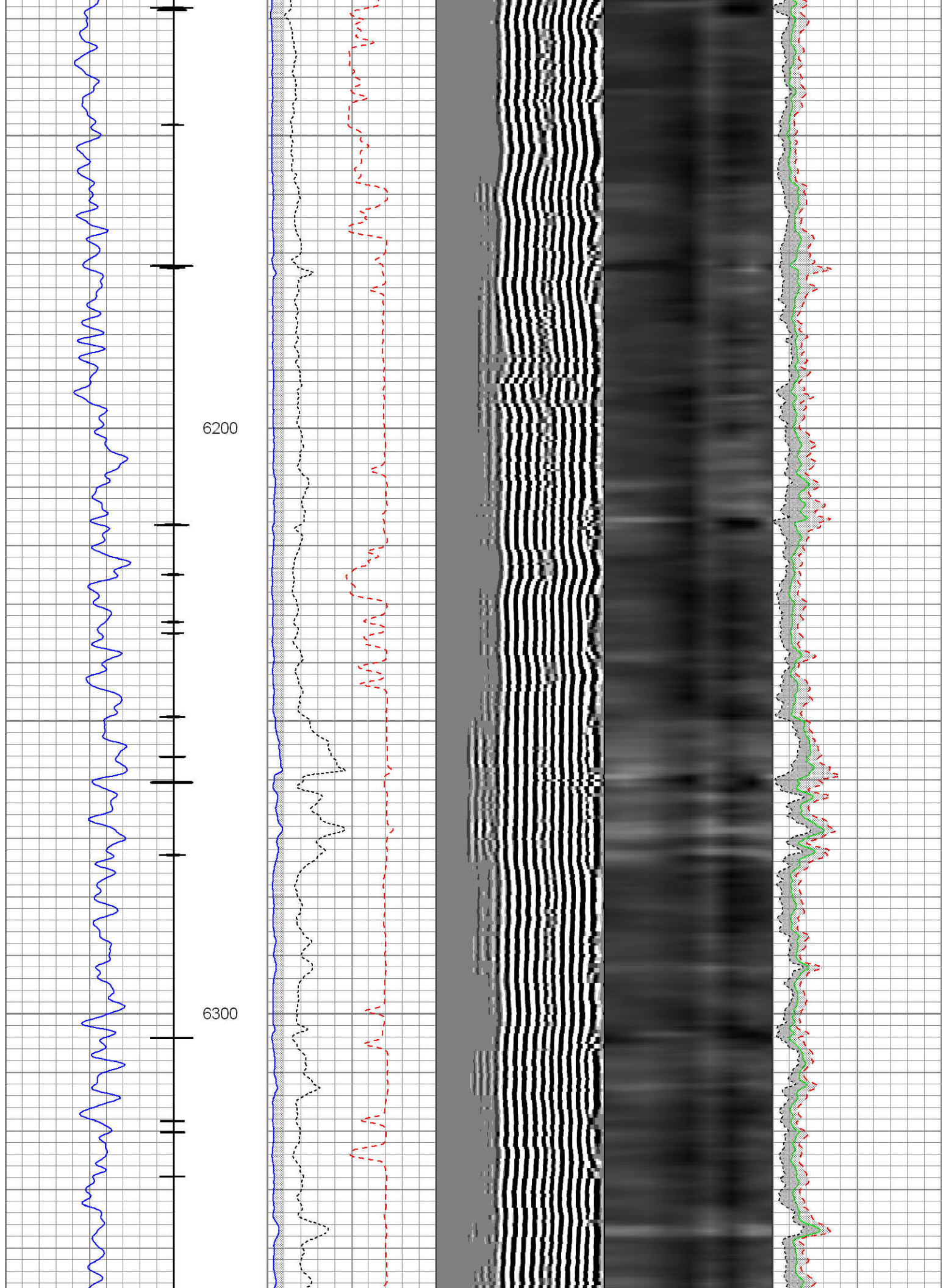


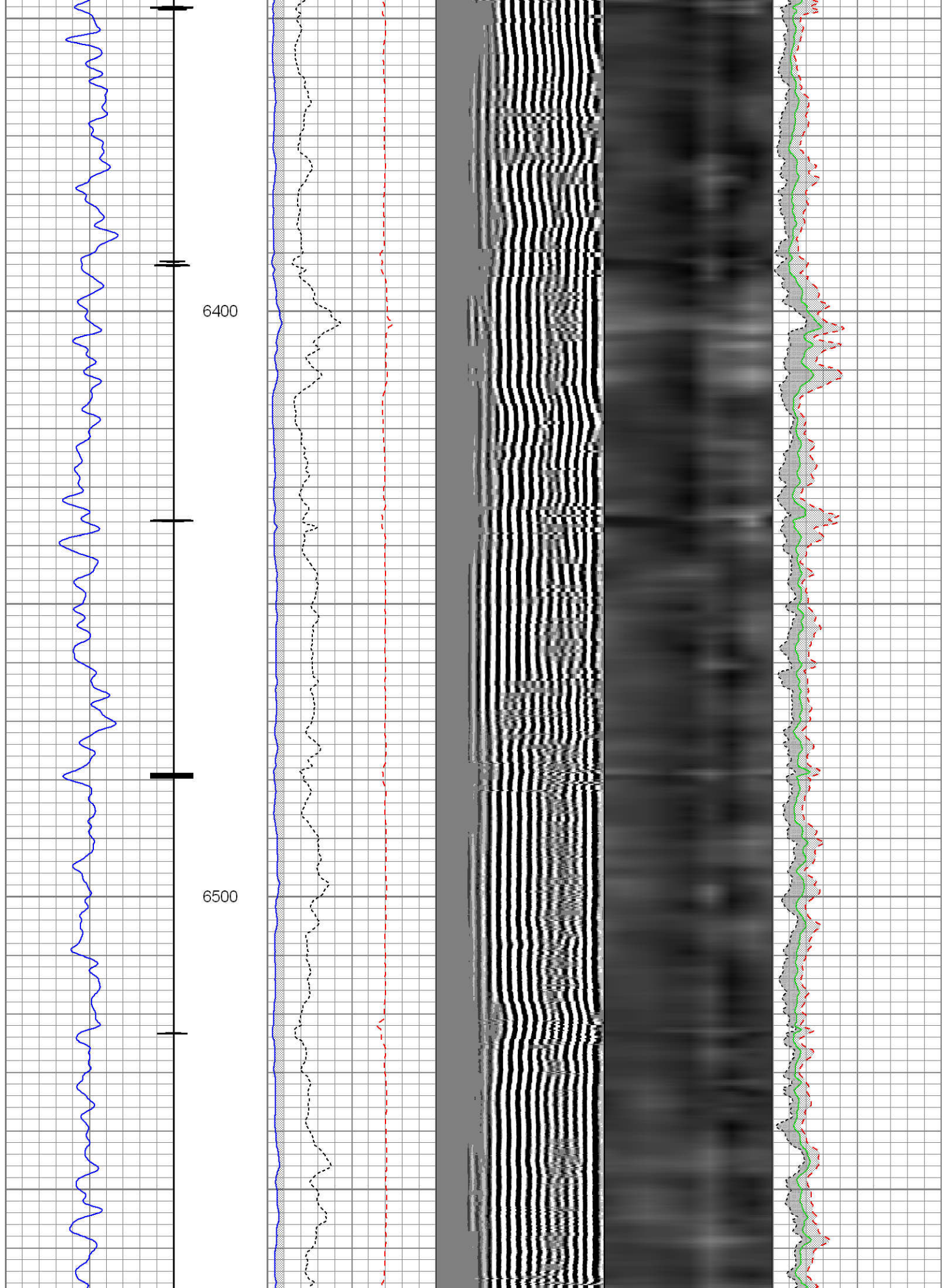


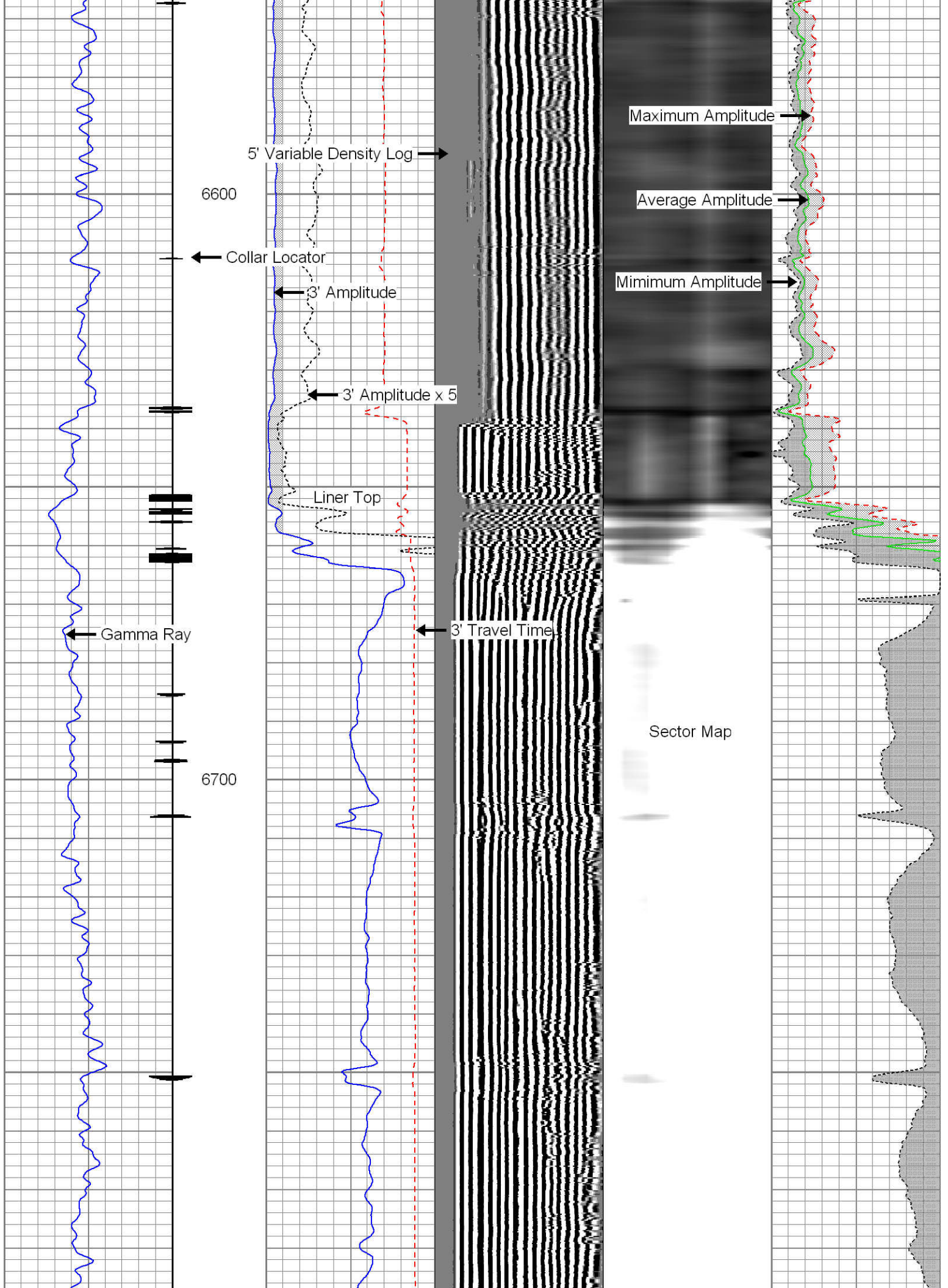


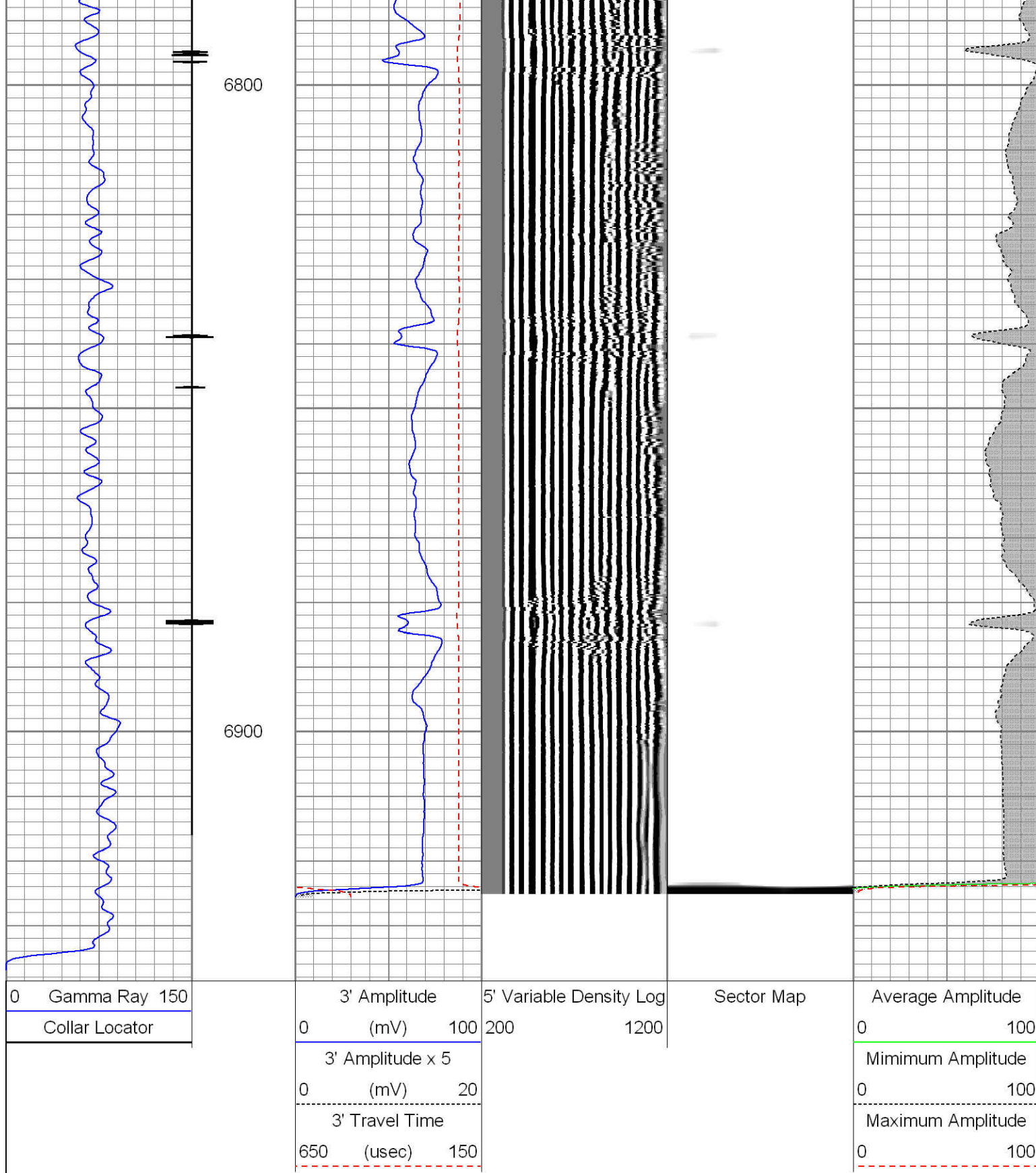










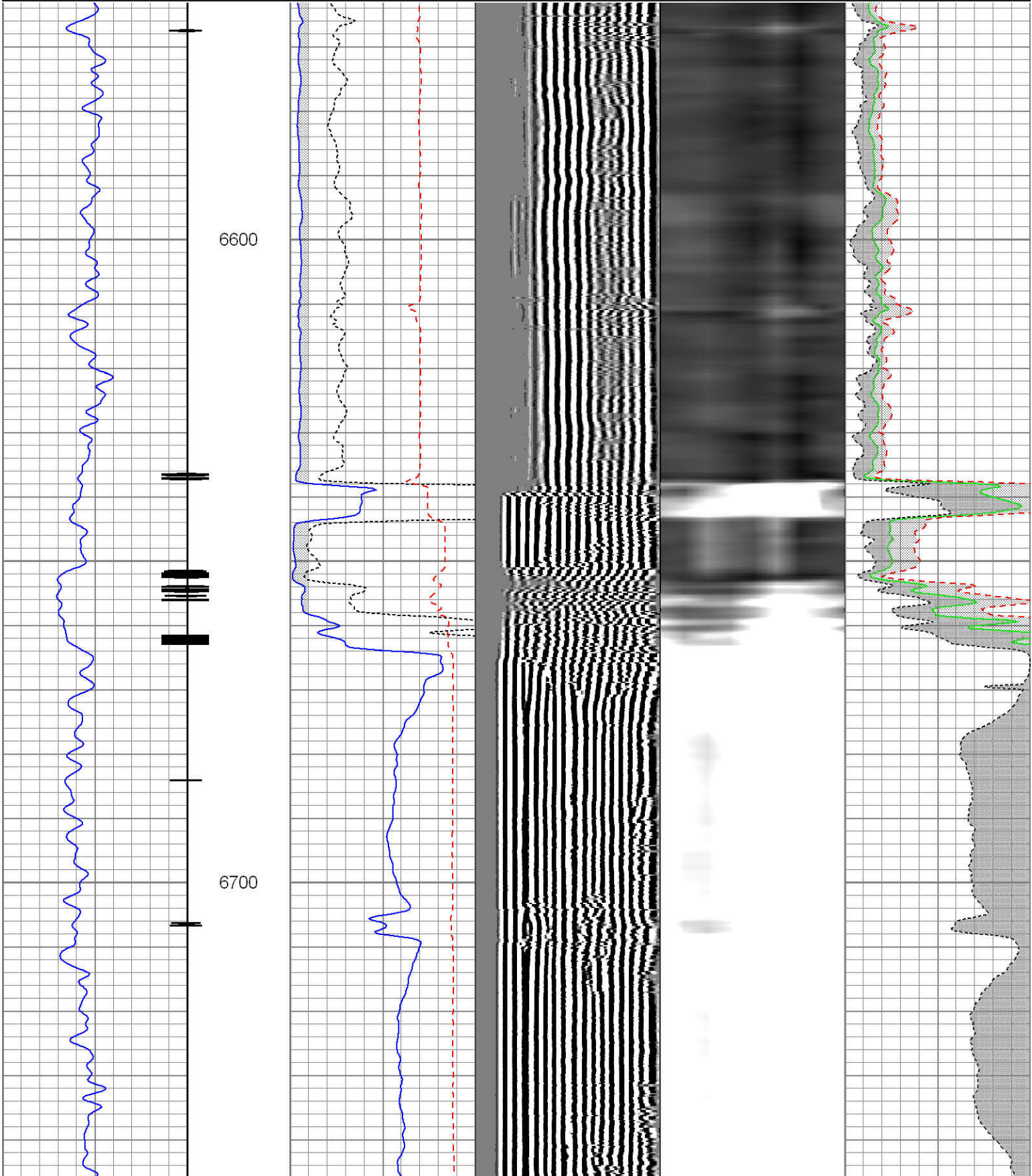


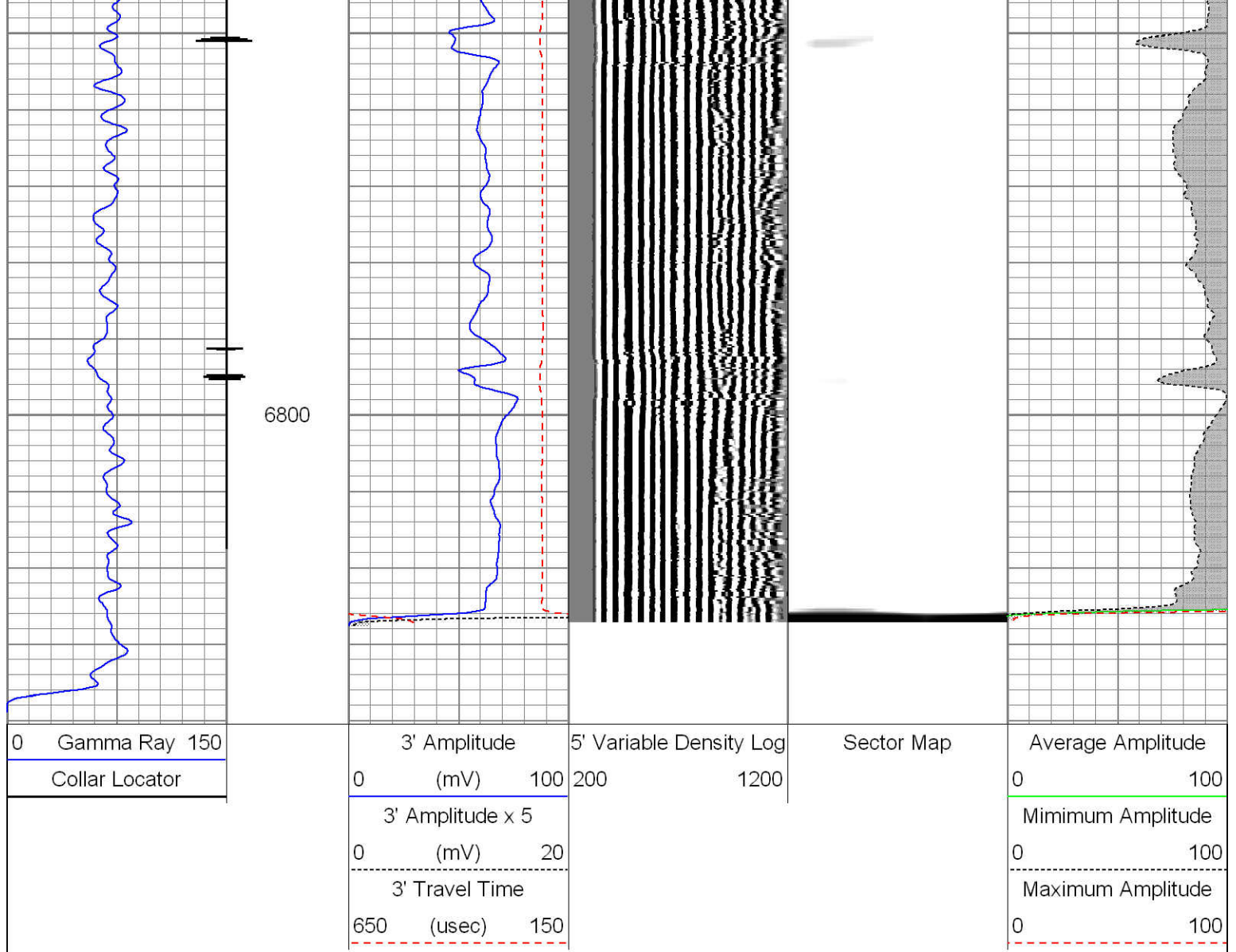
Repeat Pass

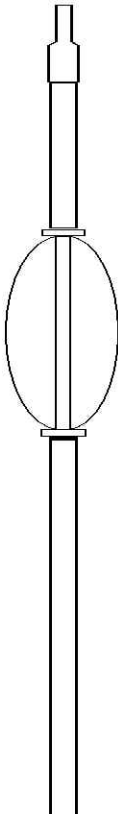

logged with 2800 PSI induced at surface

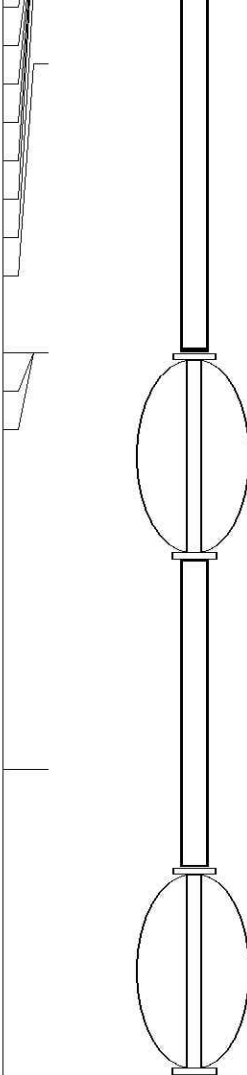
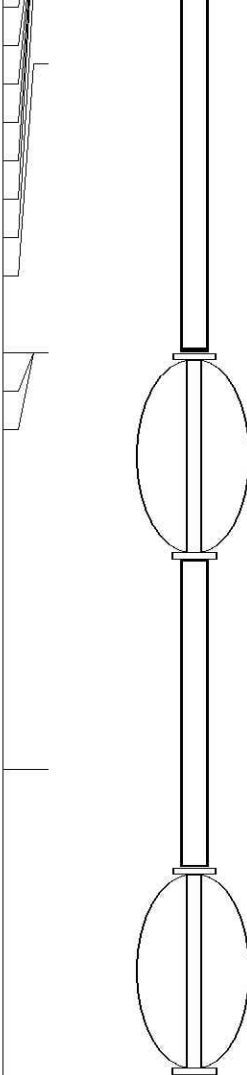
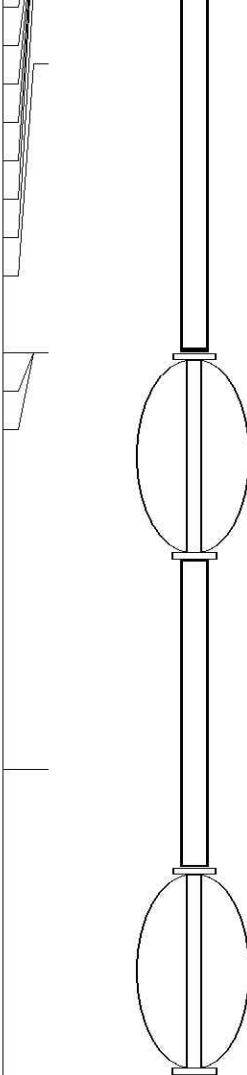
Database File: kmg_nichols 15c-31hz_cbl.db
 Dataset Pathname: pass4
 Presentation Format: rib
 Dataset Creation: Sat Feb 23 13:28:35 2013 by Log SCH 111116

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





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	22.48		AES1563 Applied Science 1-7/16" cablehead with 1" fishing neck	1.04	1.56	2.00
			CCL_LOG-TypeC (CCCC) Titan 2-3/4" Logging CCL w/ short body	1.92	2.75	30.00
			AES_4arm_IL AES bowspring inline electrical centralizer - 32.75"	2.73	2.75	20.00
TEMP	16.40					
WVFS1	15.02					
WVFS2	15.02					
WVFS3	15.02		TekCo RIB-Type A (AAAA)	9.56	2.75	123.00

WVFS3	15.02		TekCo 2-3/4" Radial Incremental Bond with piston compensator (with Temp)			
WVFS4	15.02					
WVFS5	15.02					
WVFS6	15.02					
WVFS7	15.02					
WVFS8	15.02					
WVF3FT	14.27					
WVF5FT	13.27					
WVFCAL	9.48		AES_4arm_IL AES bowspring inline electrical centralizer - 32.75"	2.73	2.75	20.00
WVFTMP	9.48					
WVFSYNC	9.48					
GR	4.01		GR-TypeC (CCCC) Titan 2-3/4" Scintillating Gamma Ray	4.02	2.75	46.00
			AES_4arm_IL AES bowspring inline electrical centralizer - 32.75"	2.73	2.75	20.00
Dataset: kmg_nichols 15c-31hz_cbl.db: field/well/run1/pass6 Total Length: 24.73 ft Total Weight: 261.00 lb O.D. 2.75 in						

FMC Technologies

Company Kerr-McGee Oil & Gas Onshore, L.P.
 Well Nichols 15C-31HZ
 Field Wattenberg
 County Weld
 State Colorado