



Providing Superior Value

RADIAL CEMENT BOND LOG GAMMA RAY/CCL

Company		WHITING OIL & GAS	
Well		WILD HORSE 02-0214H	
Field		WILDCAT	
County		WELD	
State		COLORADO	
Company		WHITING OIL & GAS	
Well		WILD HORSE 02-0214H	
Field		WILDCAT	
County		WELD	
State		COLORADO	
Location:		API # : 05-123-35500-00	
Permanent Datum		GROUND LEVEL Elevation 5003	
Log Measured From		KELLY BUSHING	
Drilling Measured From		KELLY BUSHING	
SEC 2 TWP 9N RGE 59W		Elevation	
		K.B. 5020	
		D.F. 5019	
		G.L. 5003	
NONE			
Other Services			
Location:		360' FNL & 740' FWL	
Date		17-SEP-2012	
Run Number		ONE	
Depth Driller		---	
Depth Logger		5350	
Bottom Logged Interval		5340	
Top Log Interval		30	
Open Hole Size		9.625"	
Type Fluid		WATER	
Density / Viscosity		8.34 LB/GAL	
Max. Recorded Temp.		NOT RECORDED	
Estimated Cement Top		102	
Time Well Ready		N/A	
Time Logger on Bottom		N/A	
Equipment Number		HD 0119	
Location		FORT LUPTON, CO.	
Recorded By		SAM HOPPER	
Witnessed By		KEVIN LOYD	
Borehole Record		Tubing Record	
Run Number		Bit	
From		To	
Size		Weight	
From		To	
Casing Record		Size	
Surface String		Wgt/Ft	
Prot. String		Top	
Production String		Bottom	
Liner		7"	
		29#	
		0	
		TD	

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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

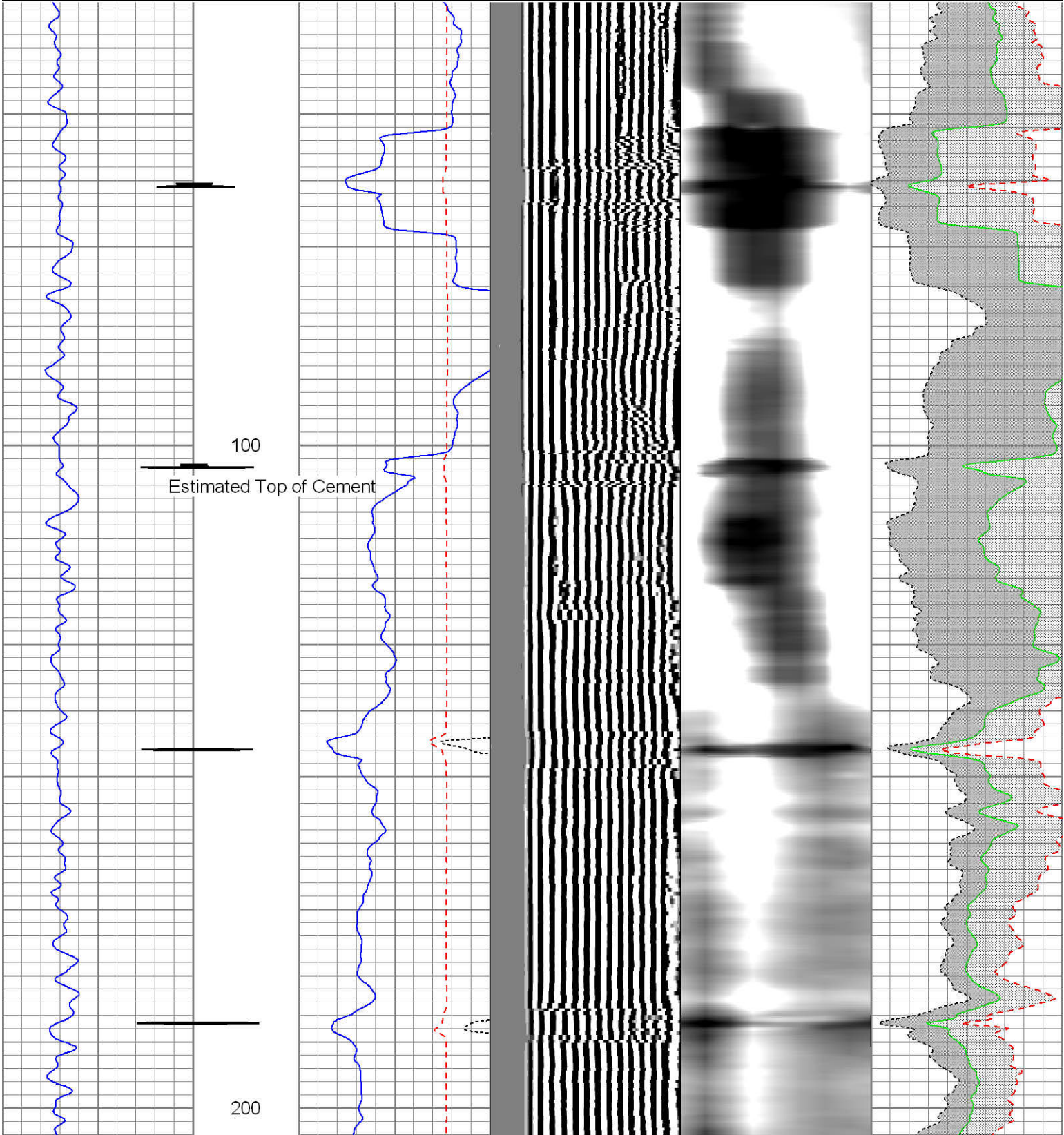
CEMENT BOND LOG IS FIRST RUN IN HOLE.
WIRELINE ZERO AT KELLY BUSHING.
RUN RBL FROM JUST ABOVE RETRIEVABLE PLUG TO SURFACE.
RBL RAN UNDER 2200 PSI SURFACE INDUCED PRESSURE.

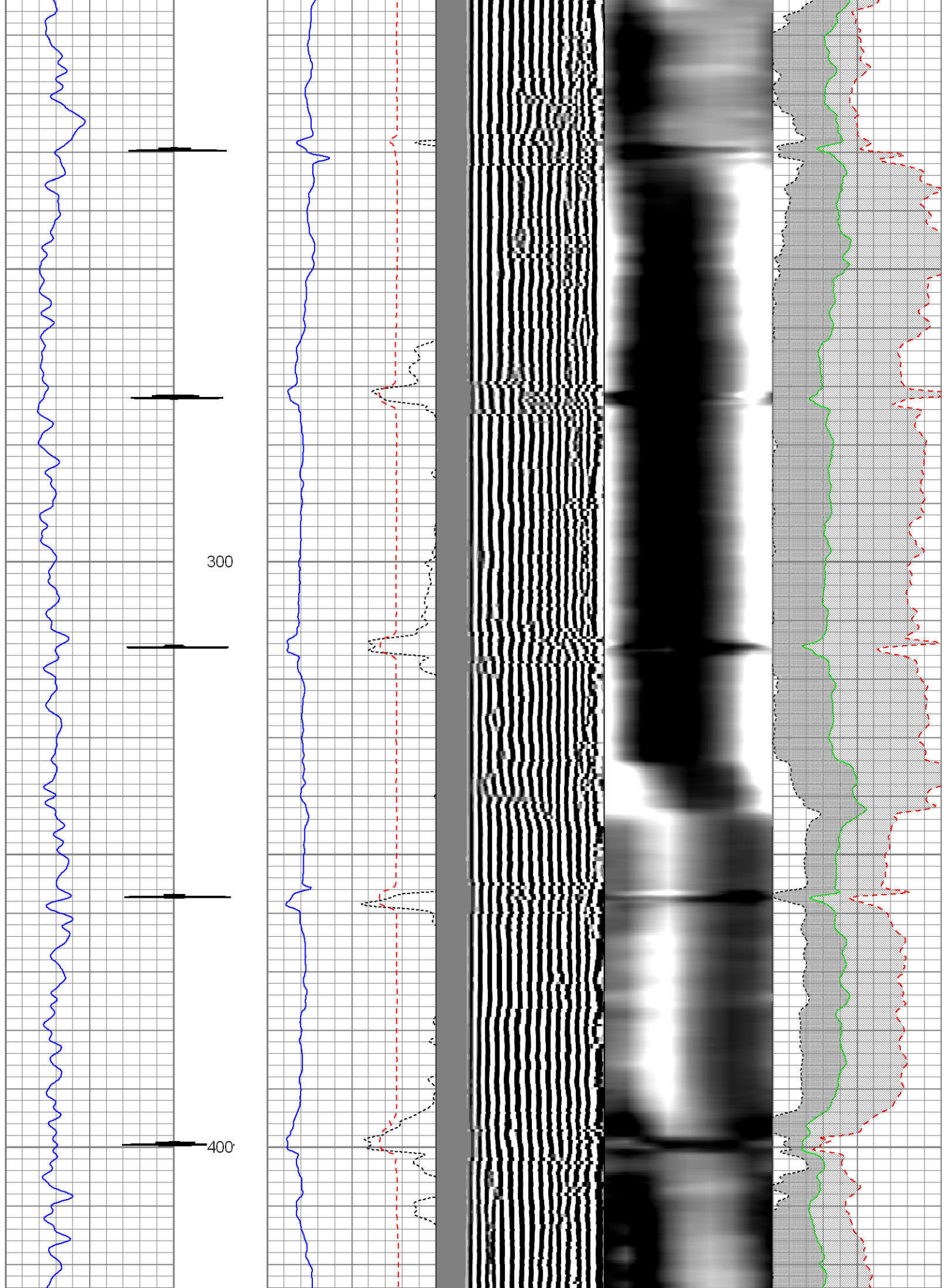
THANK YOU FOR CHOOSING PURE ENERGY

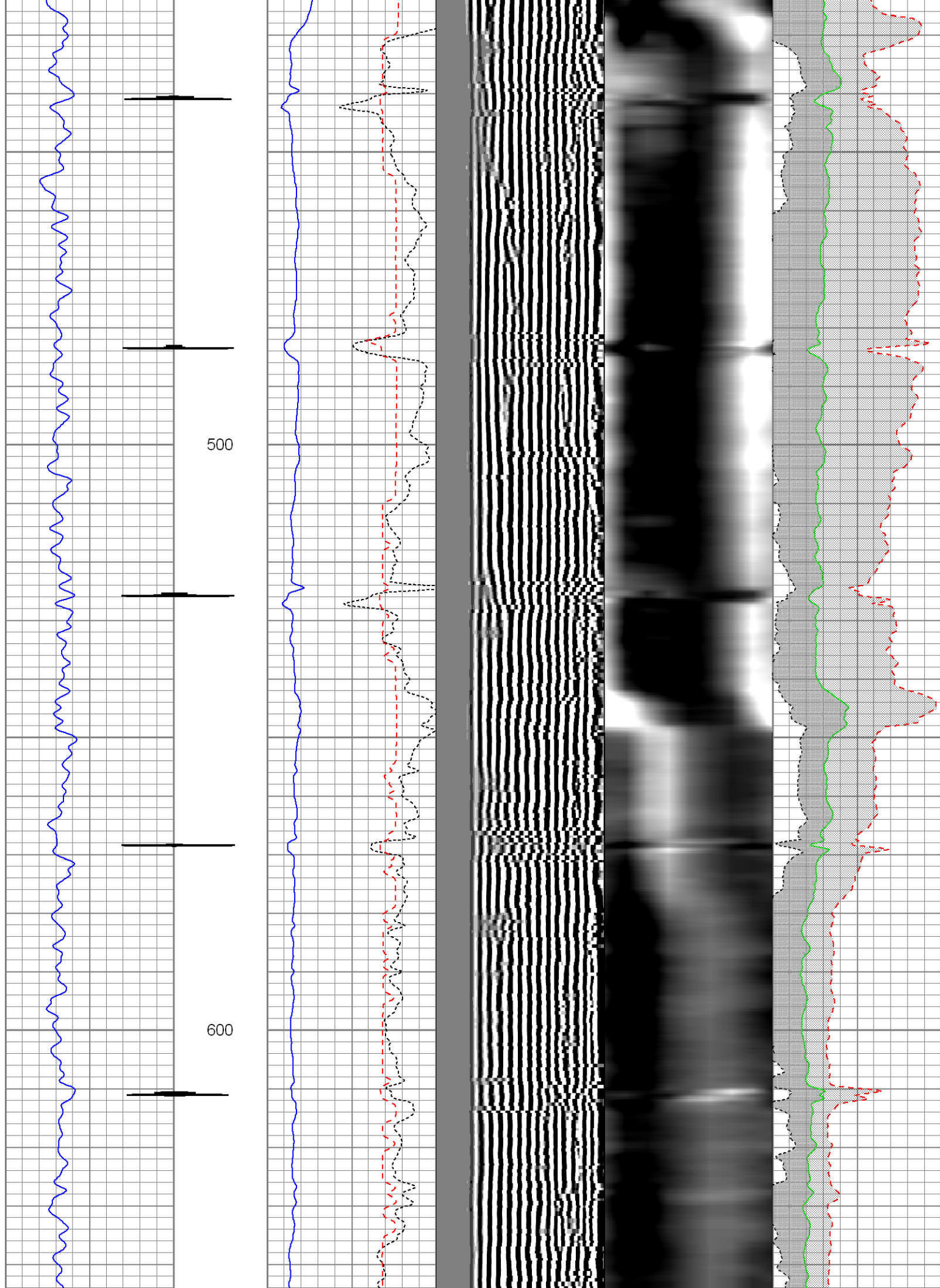


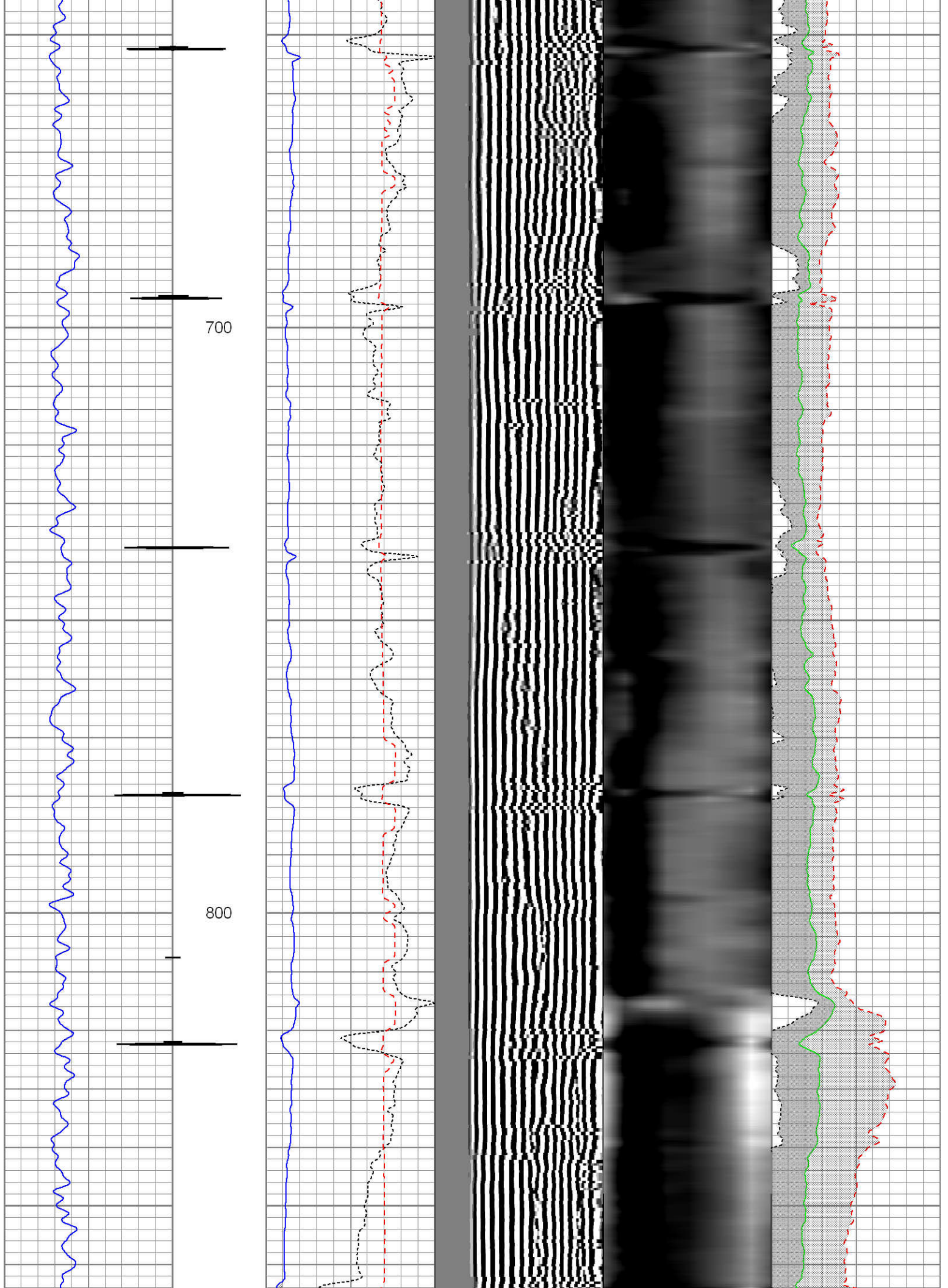
Main Pass 2200 PSI

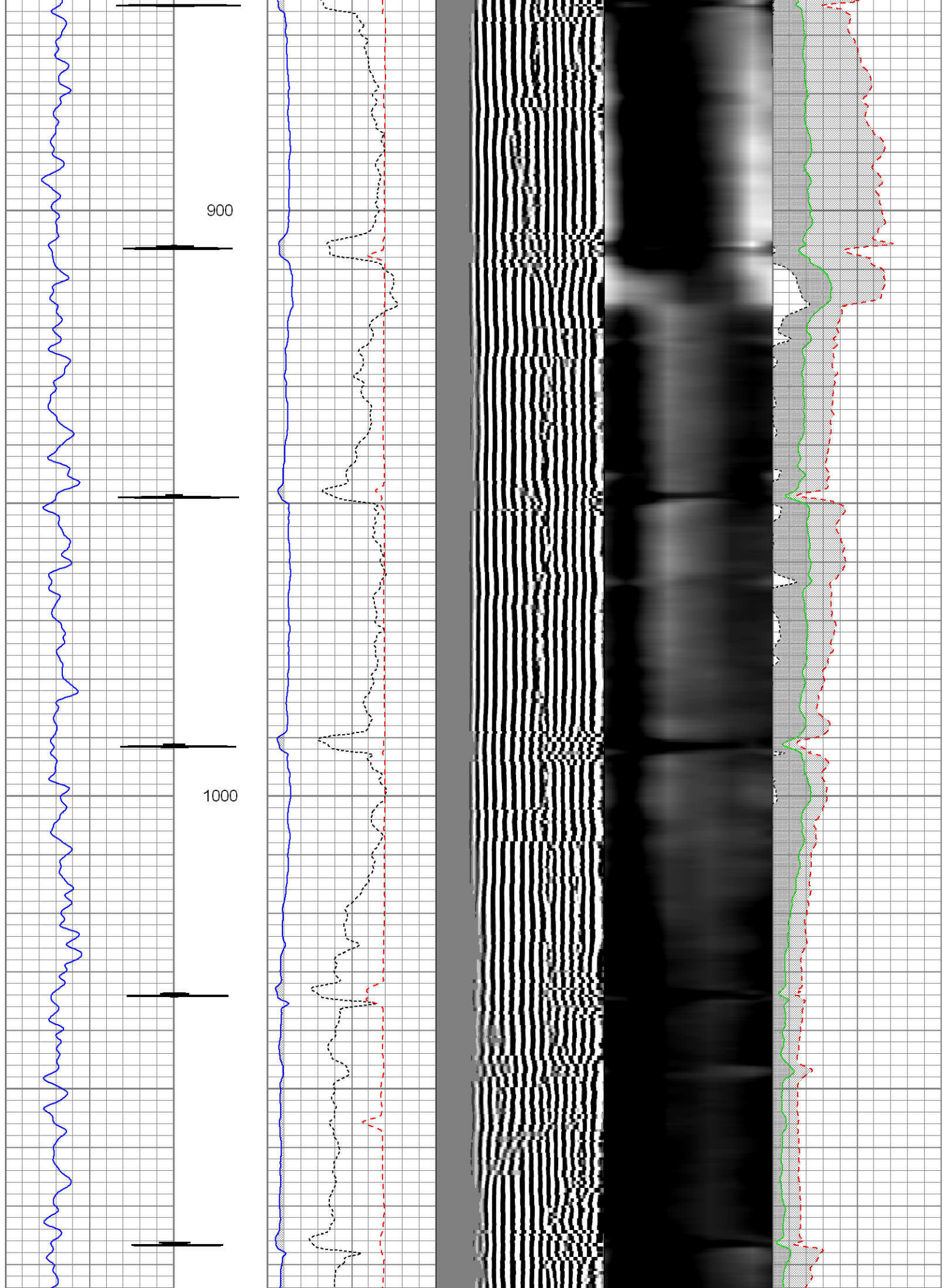
0	Gamma Ray 150	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
	Collar Locator	0 (mV) 100	200 1200		0 100
		3' Amplitude x 5			Minimum Amplitude
		0 (mV) 20			0 100
		3' Travel Time			Maximum Amplitude
		650 (usec) 150			0 100

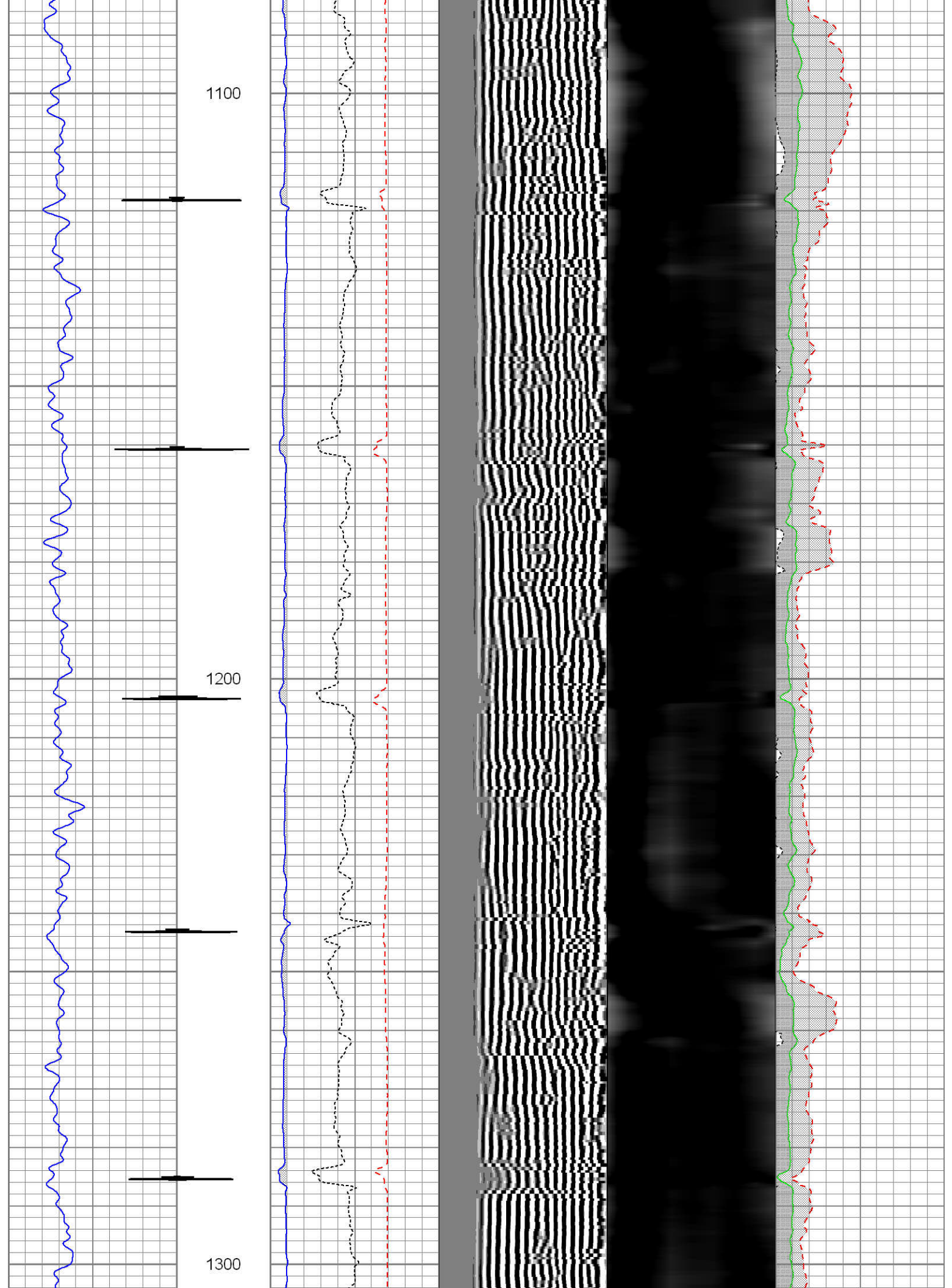


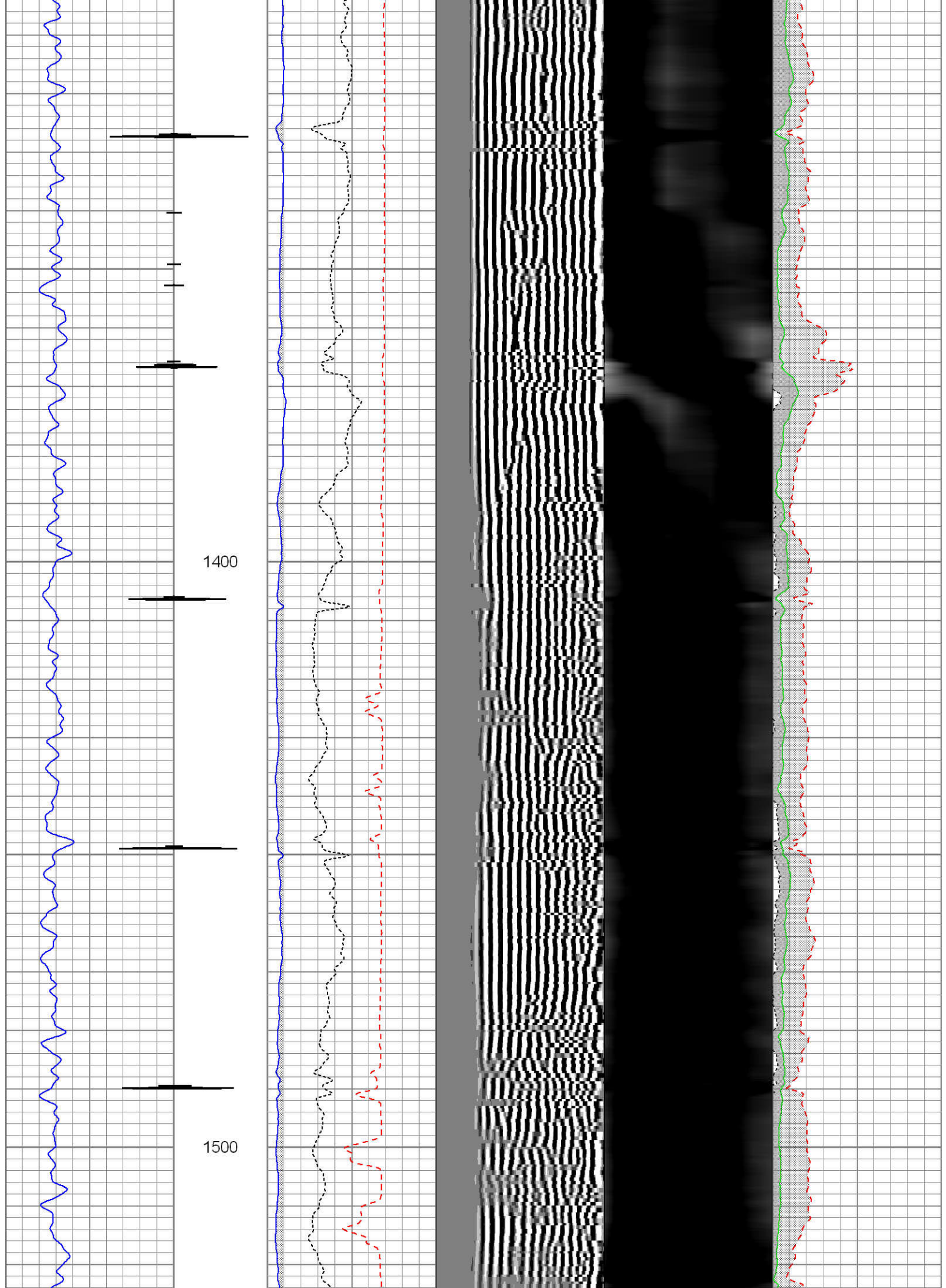


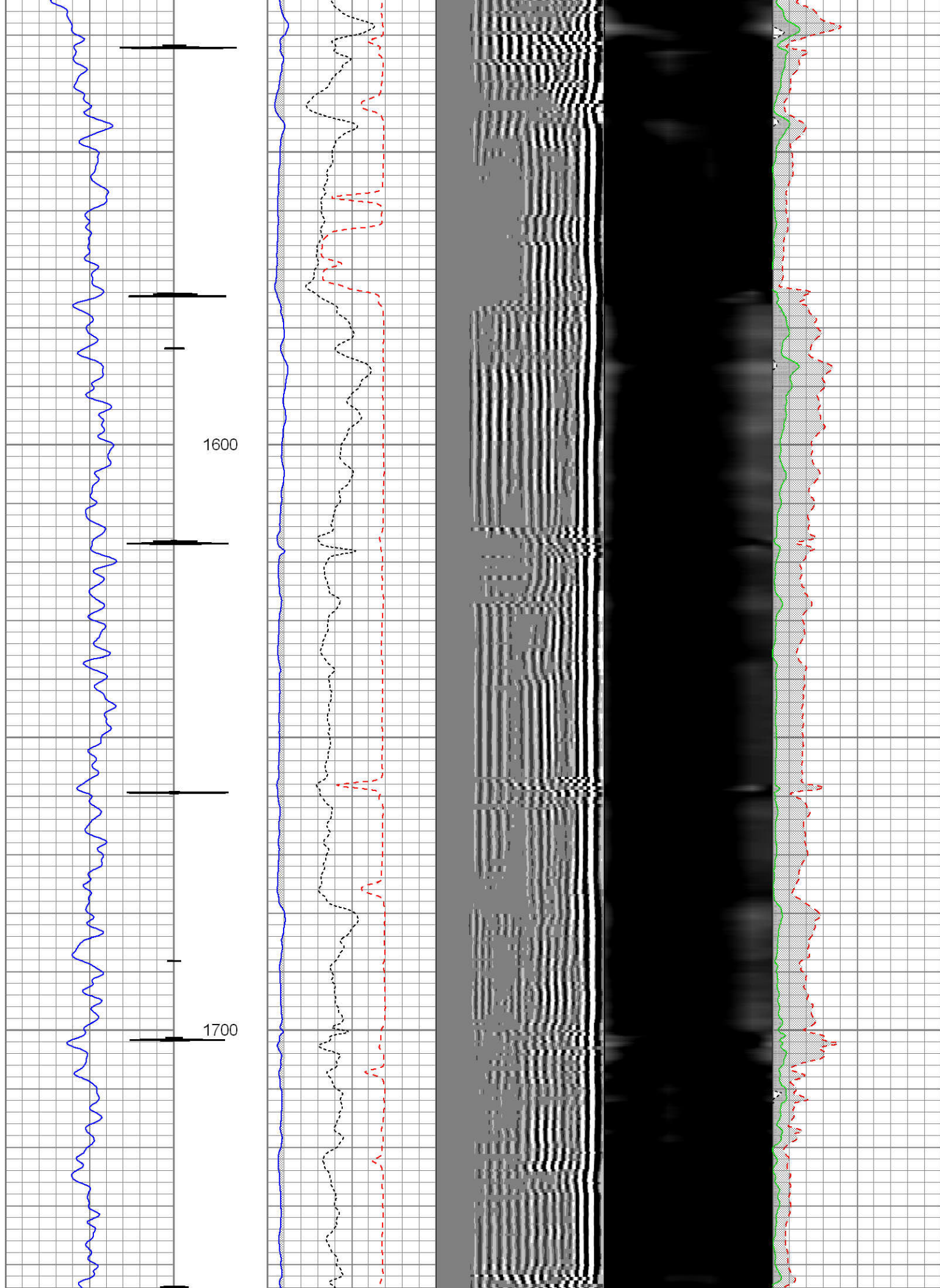


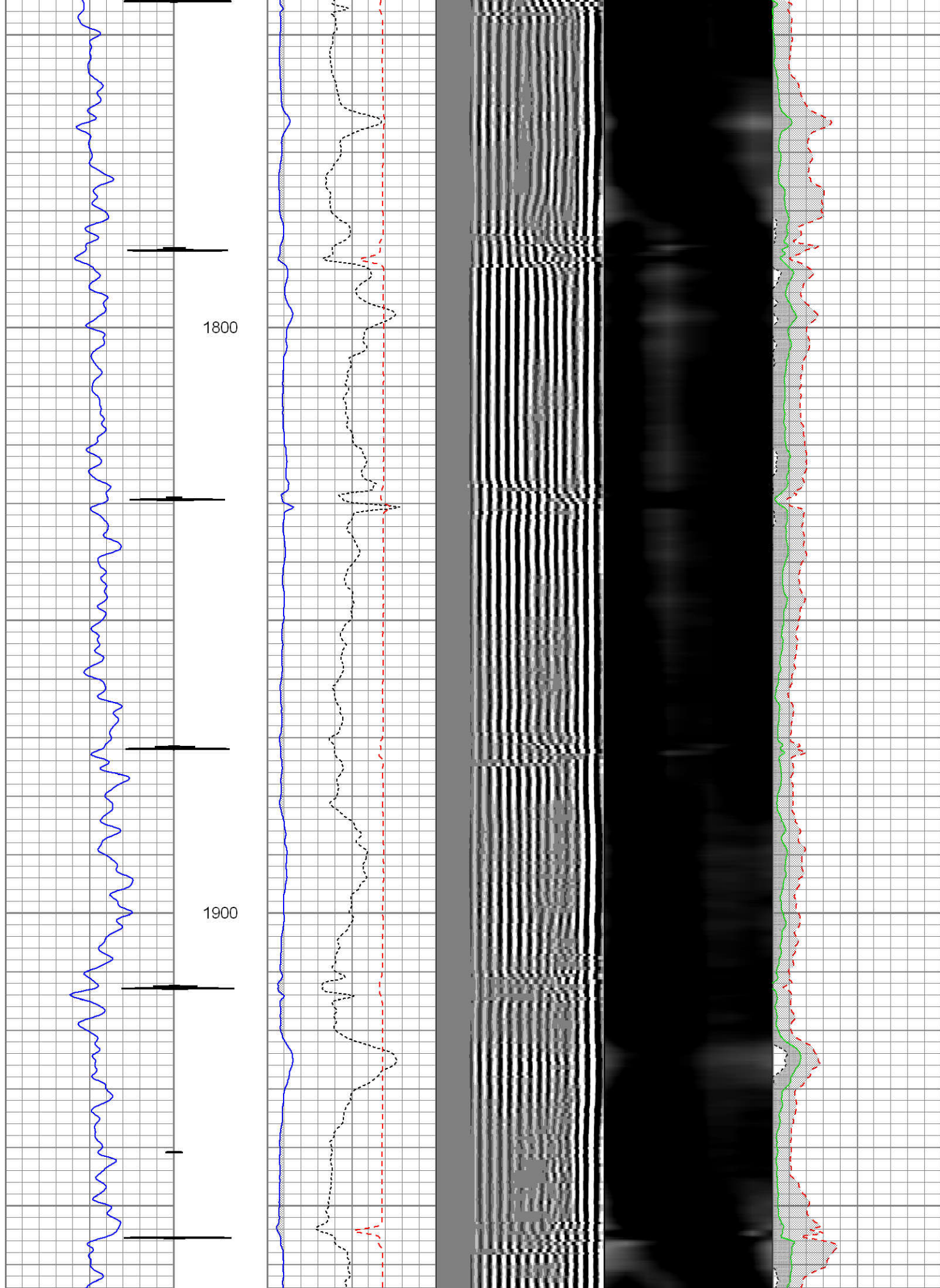


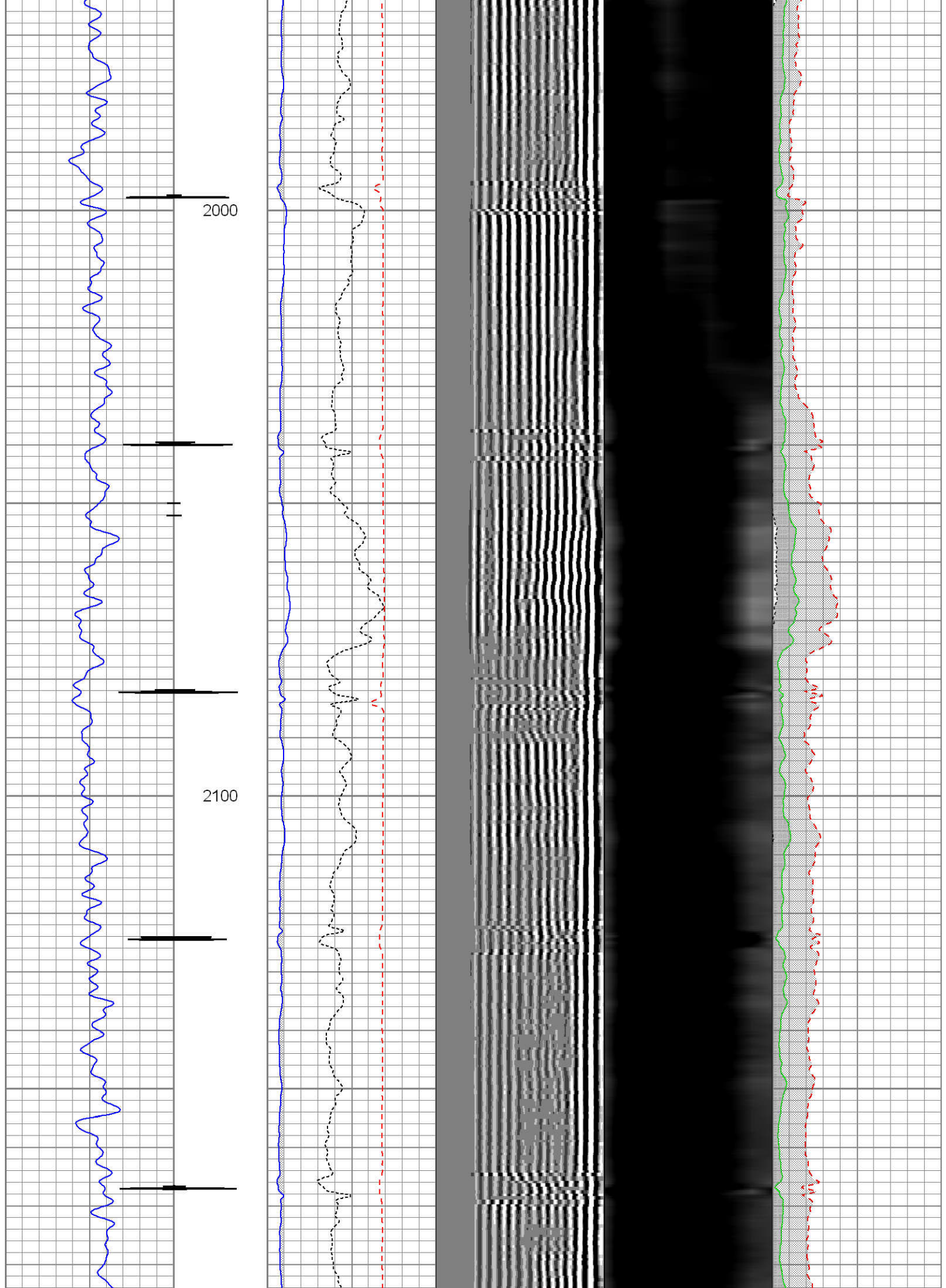


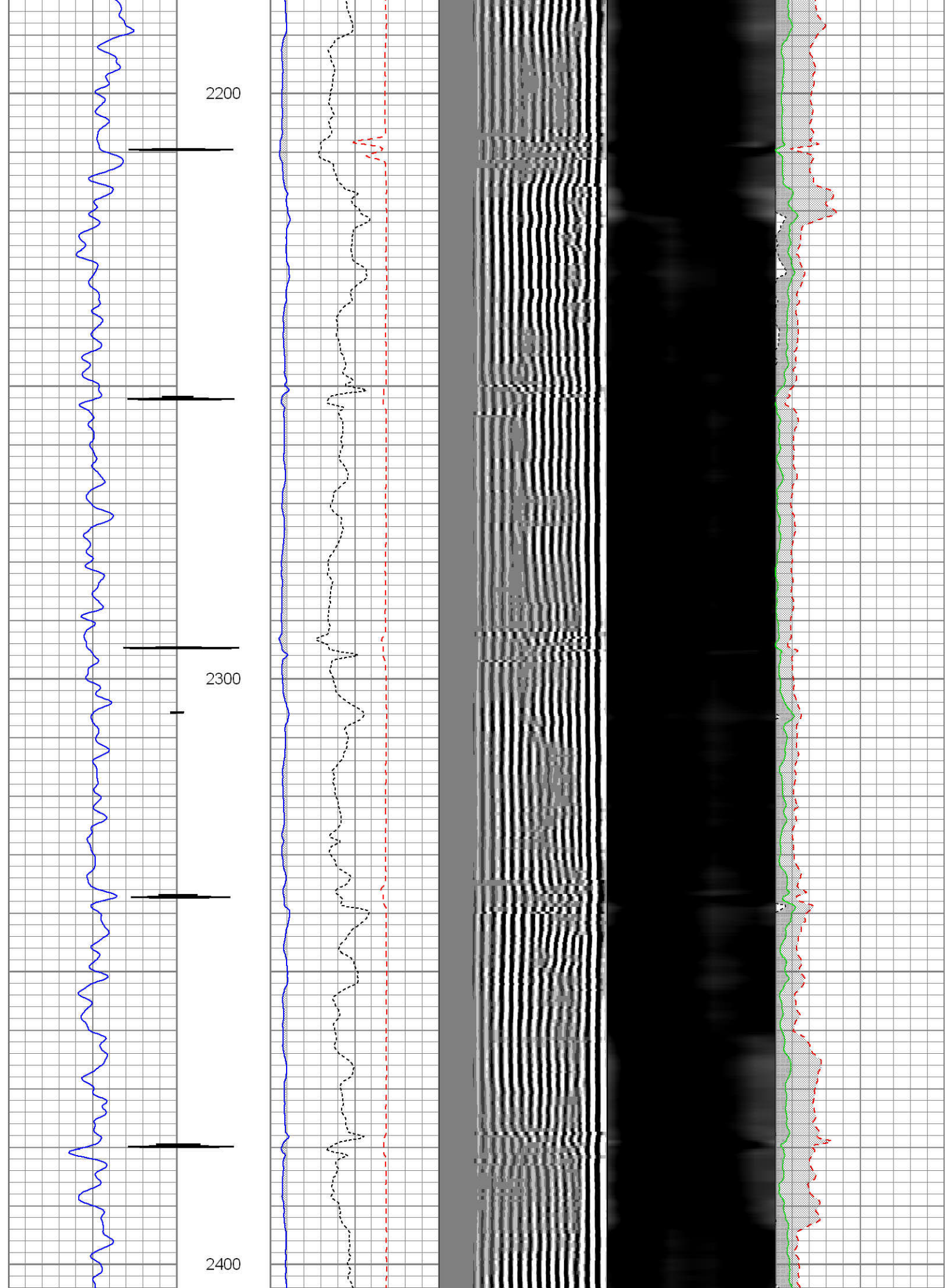


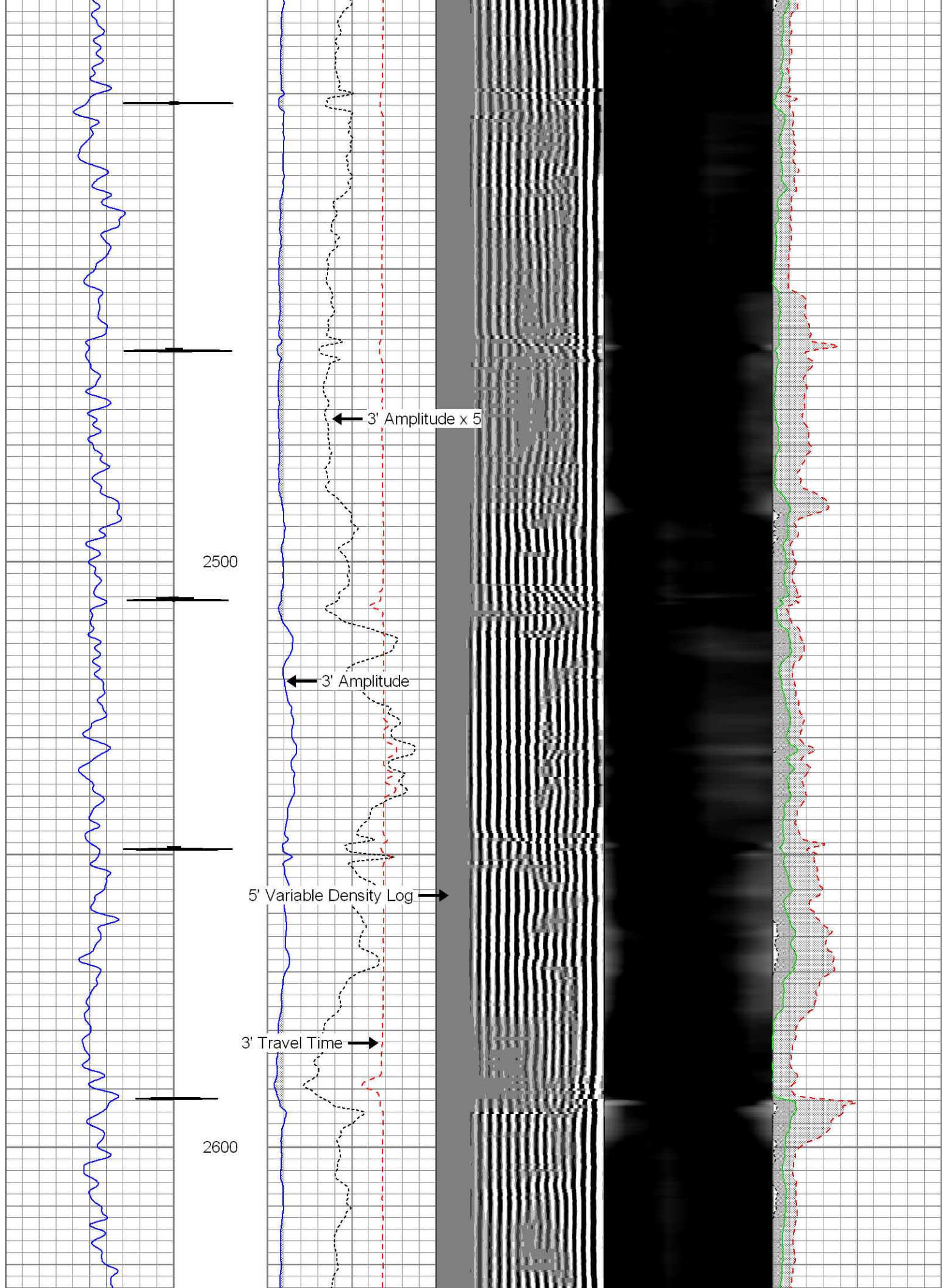


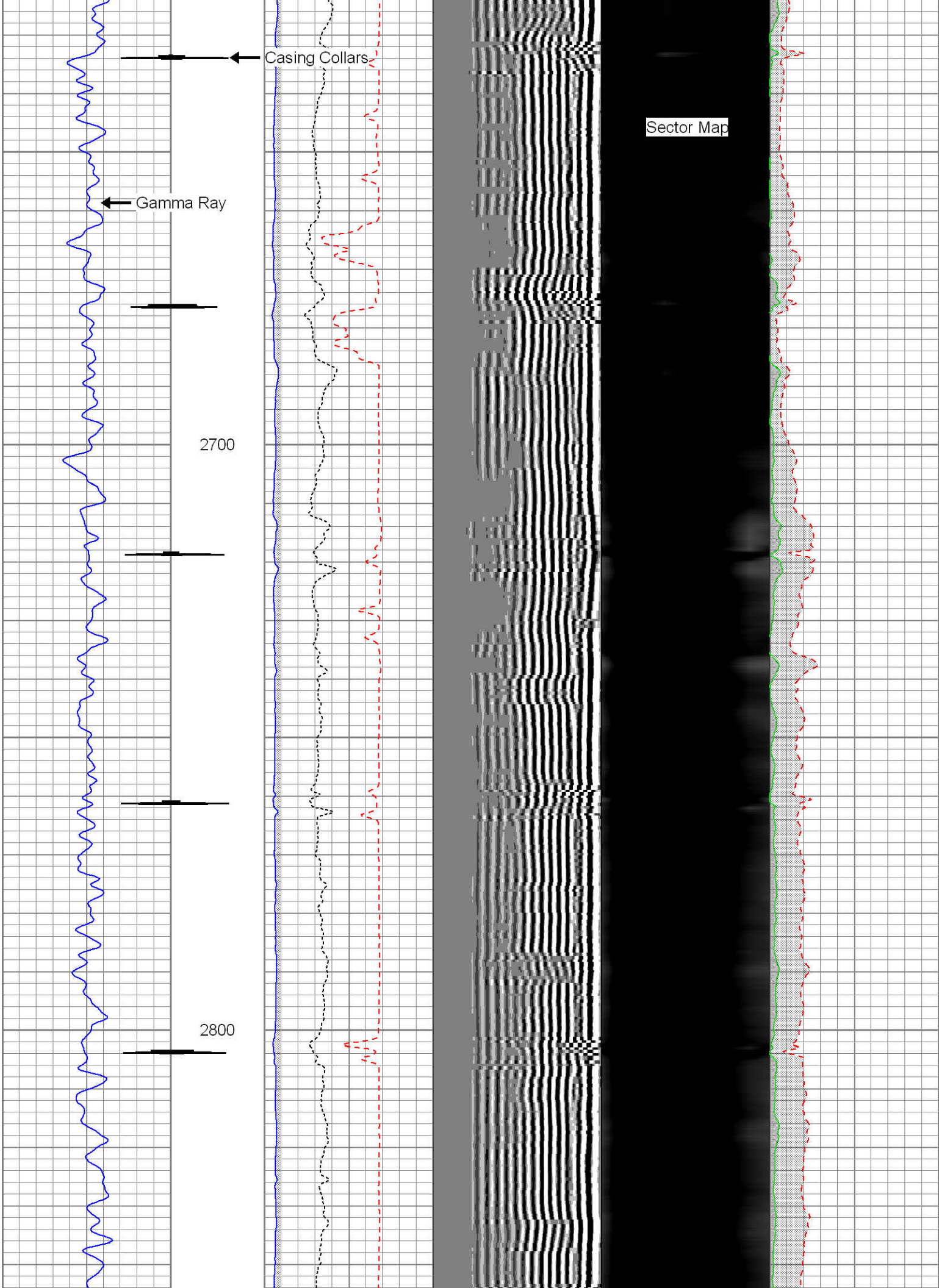


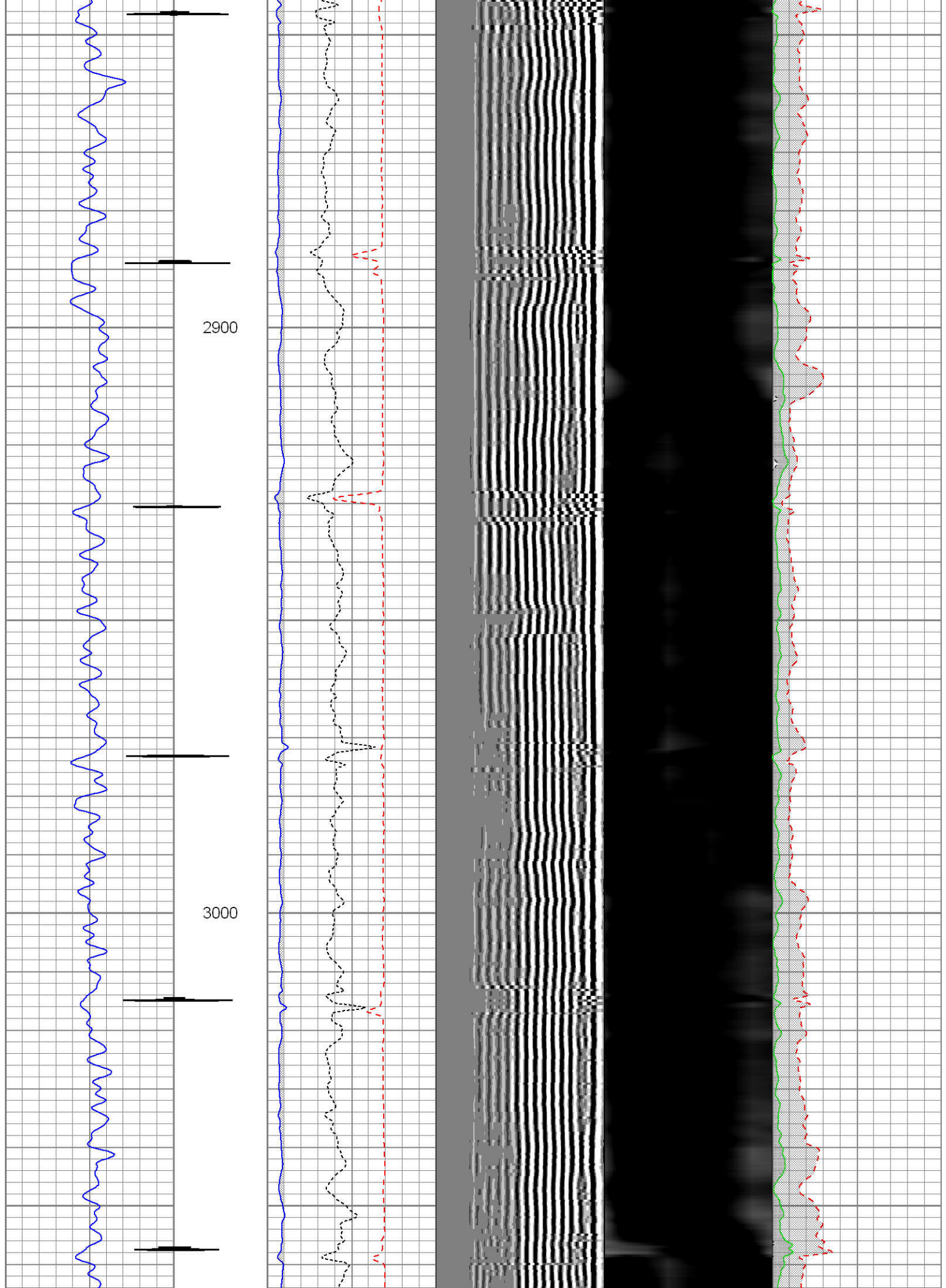


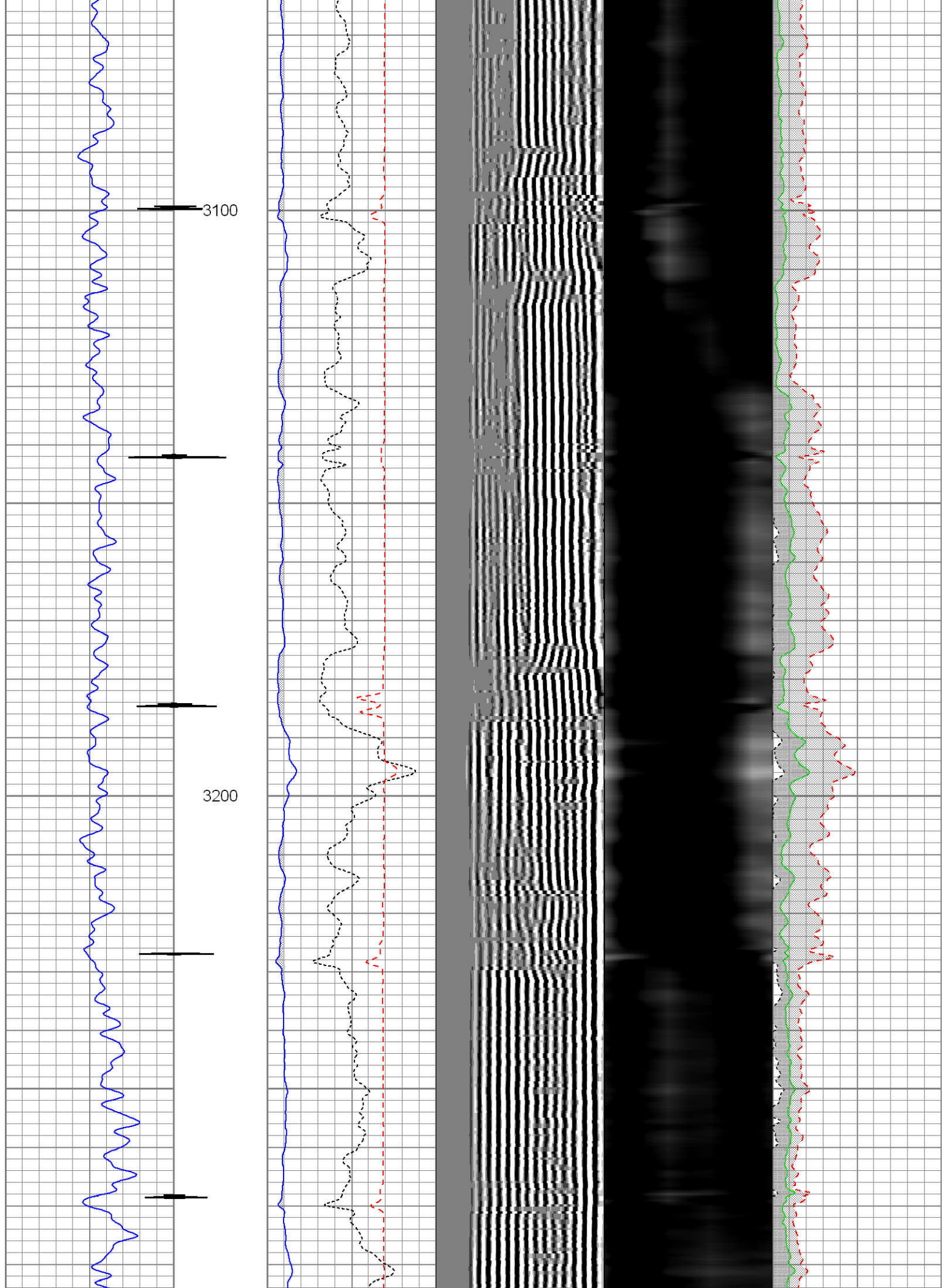


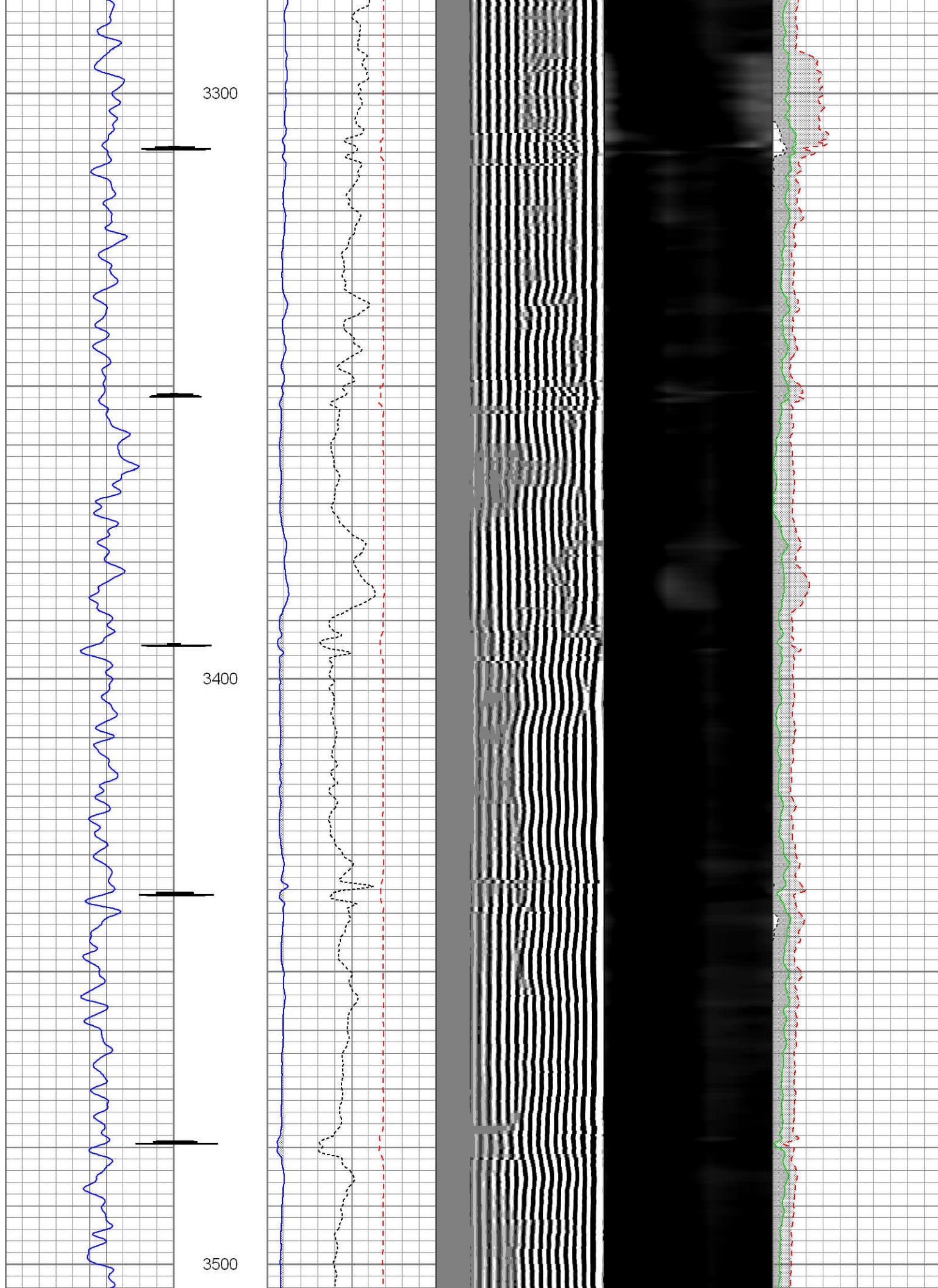


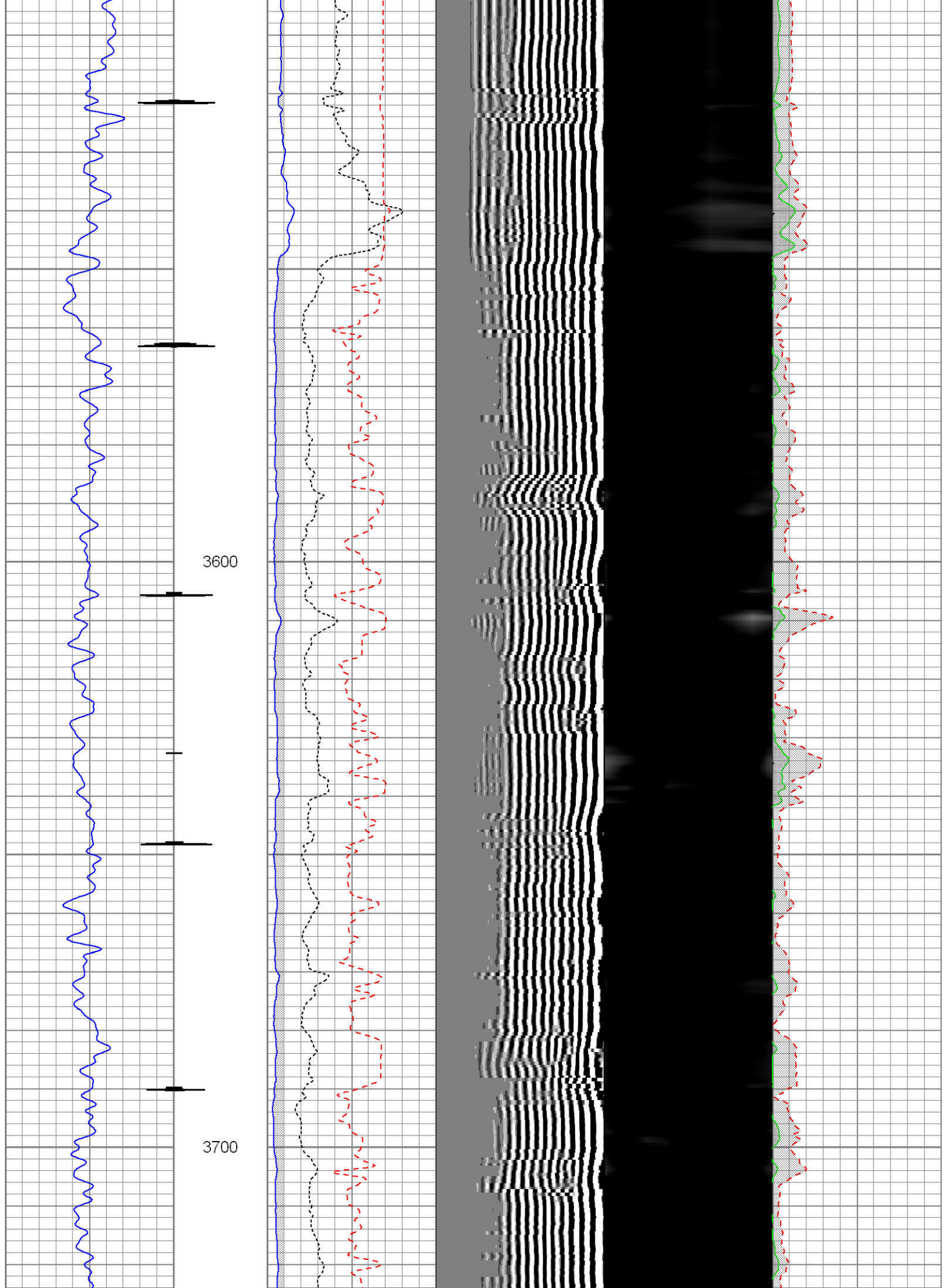


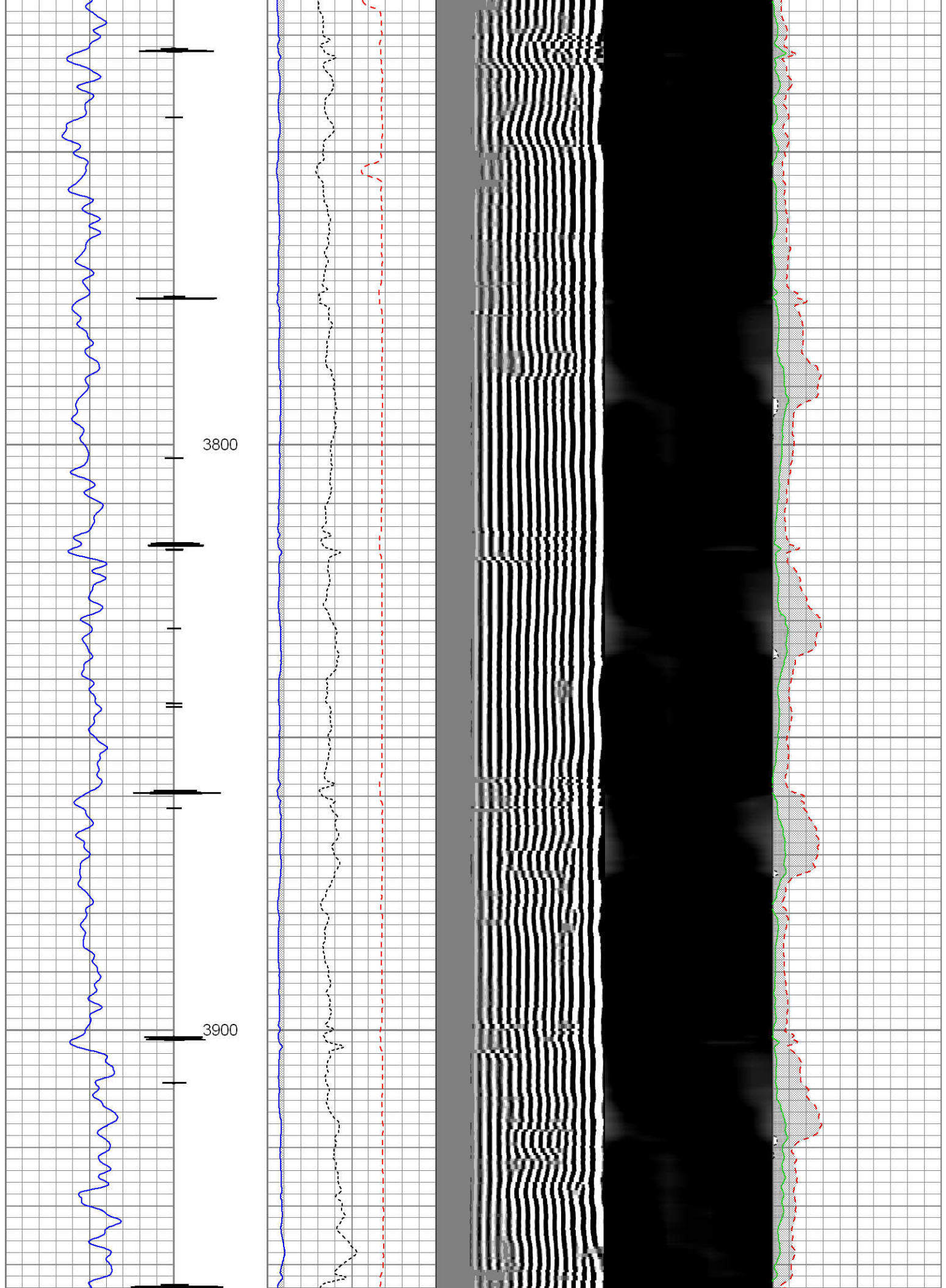


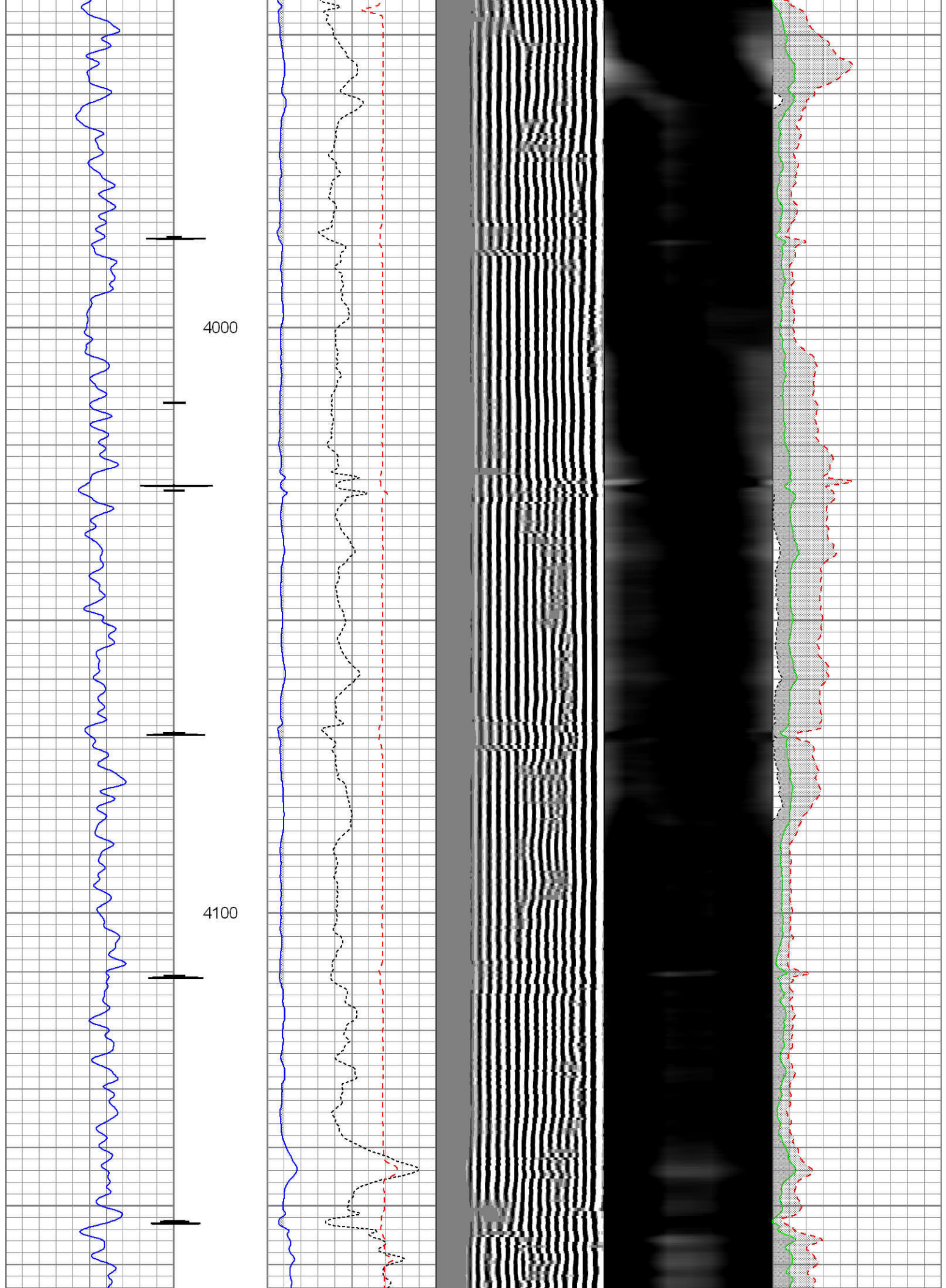


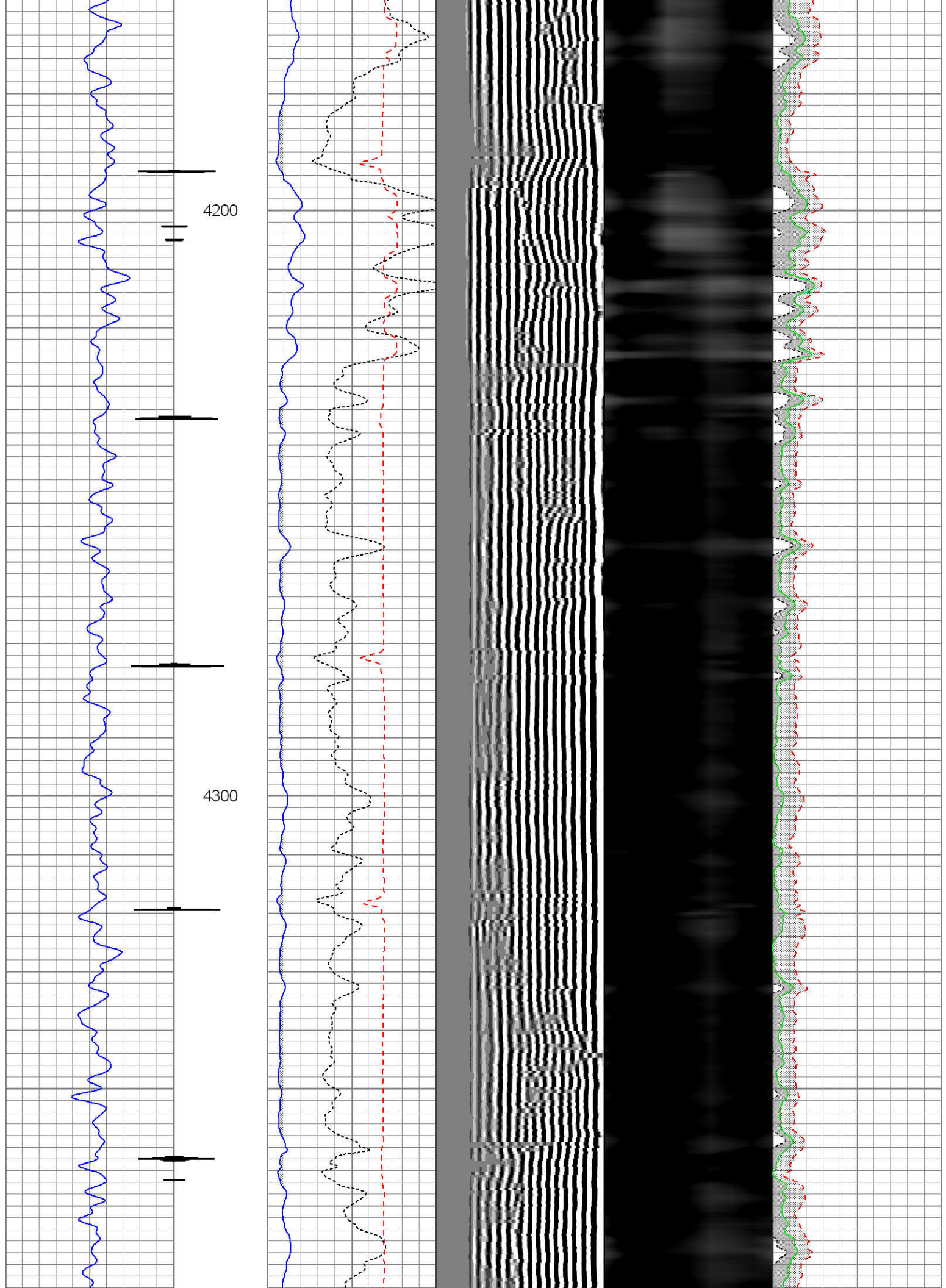


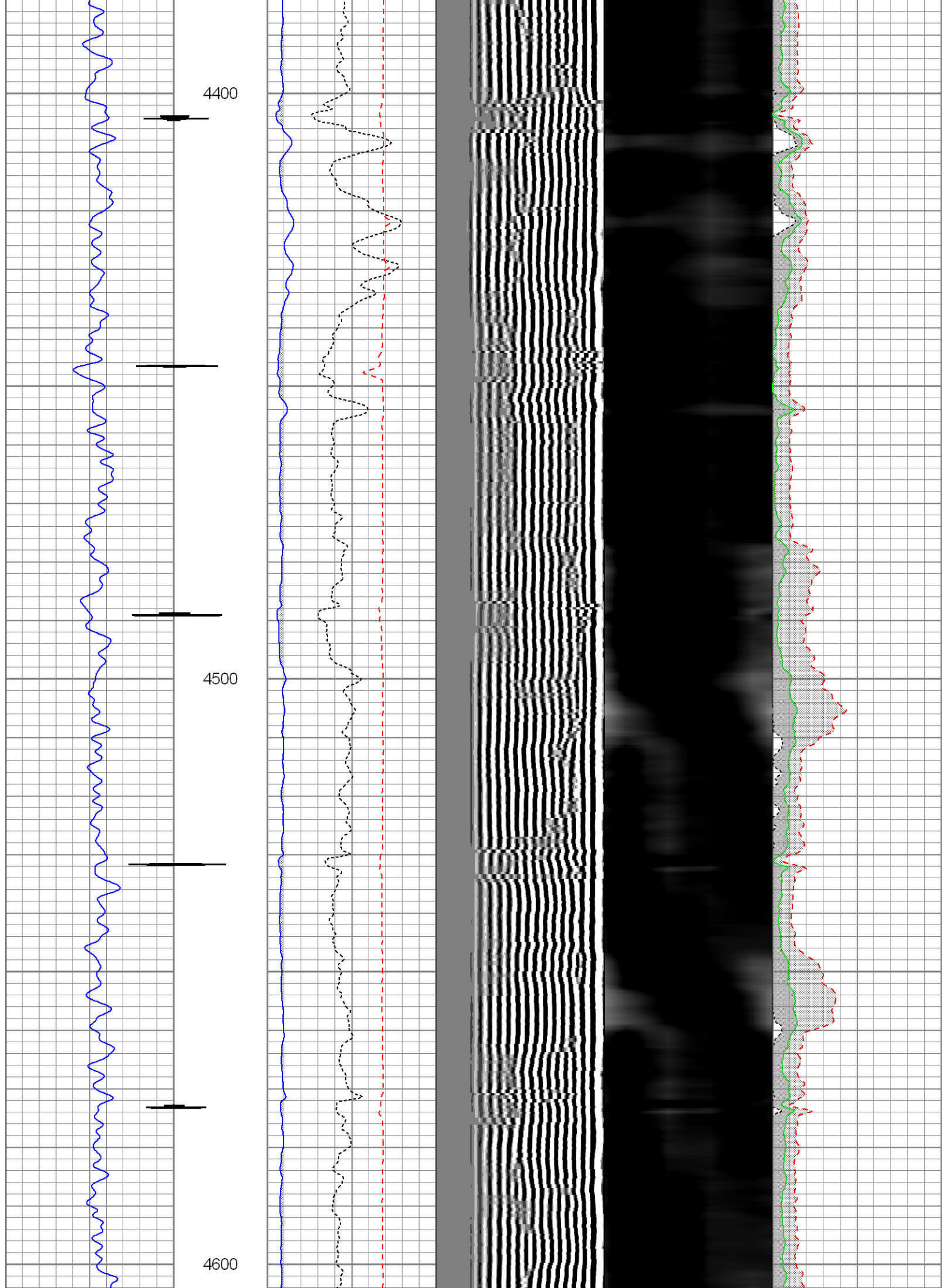


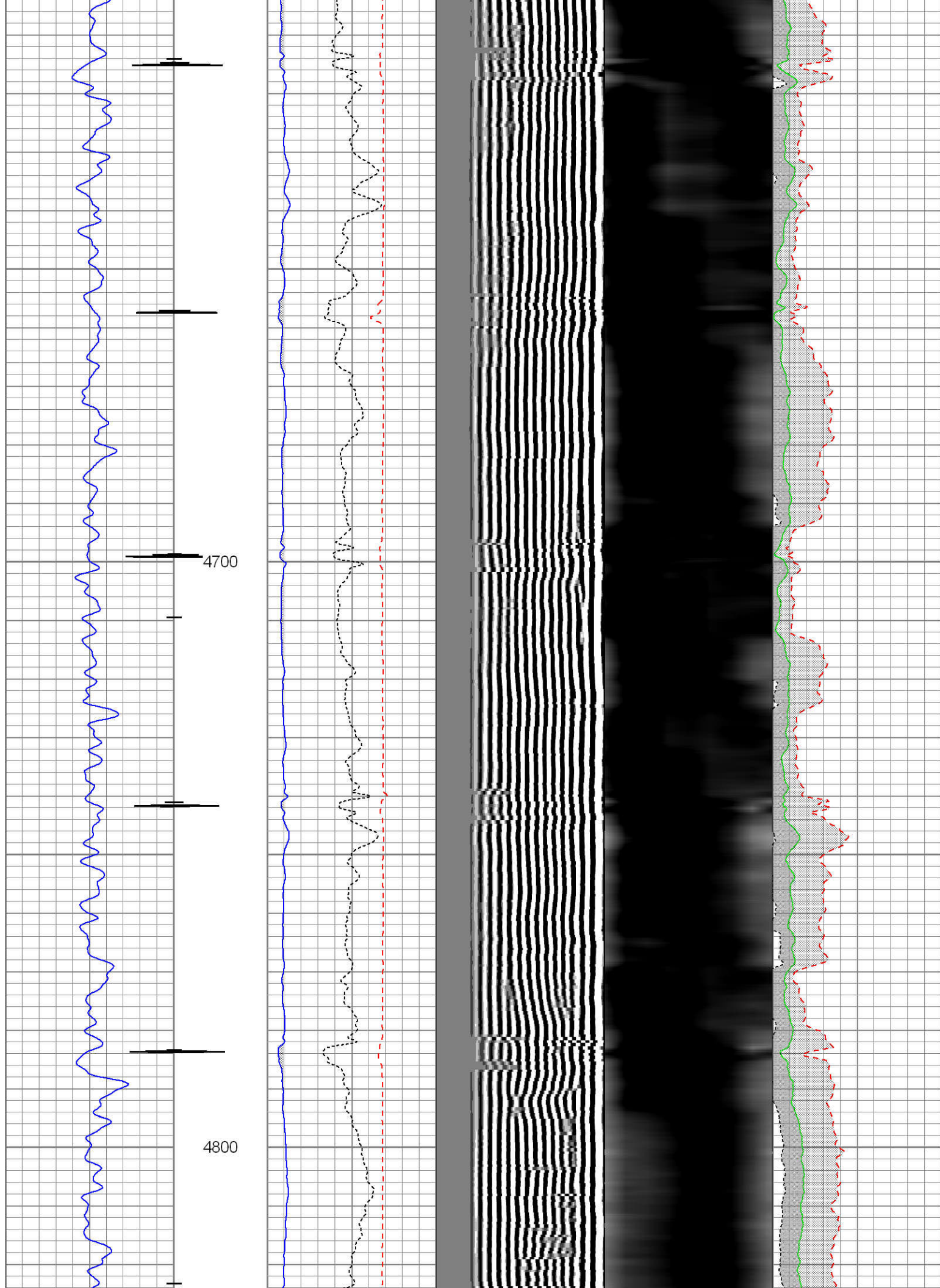


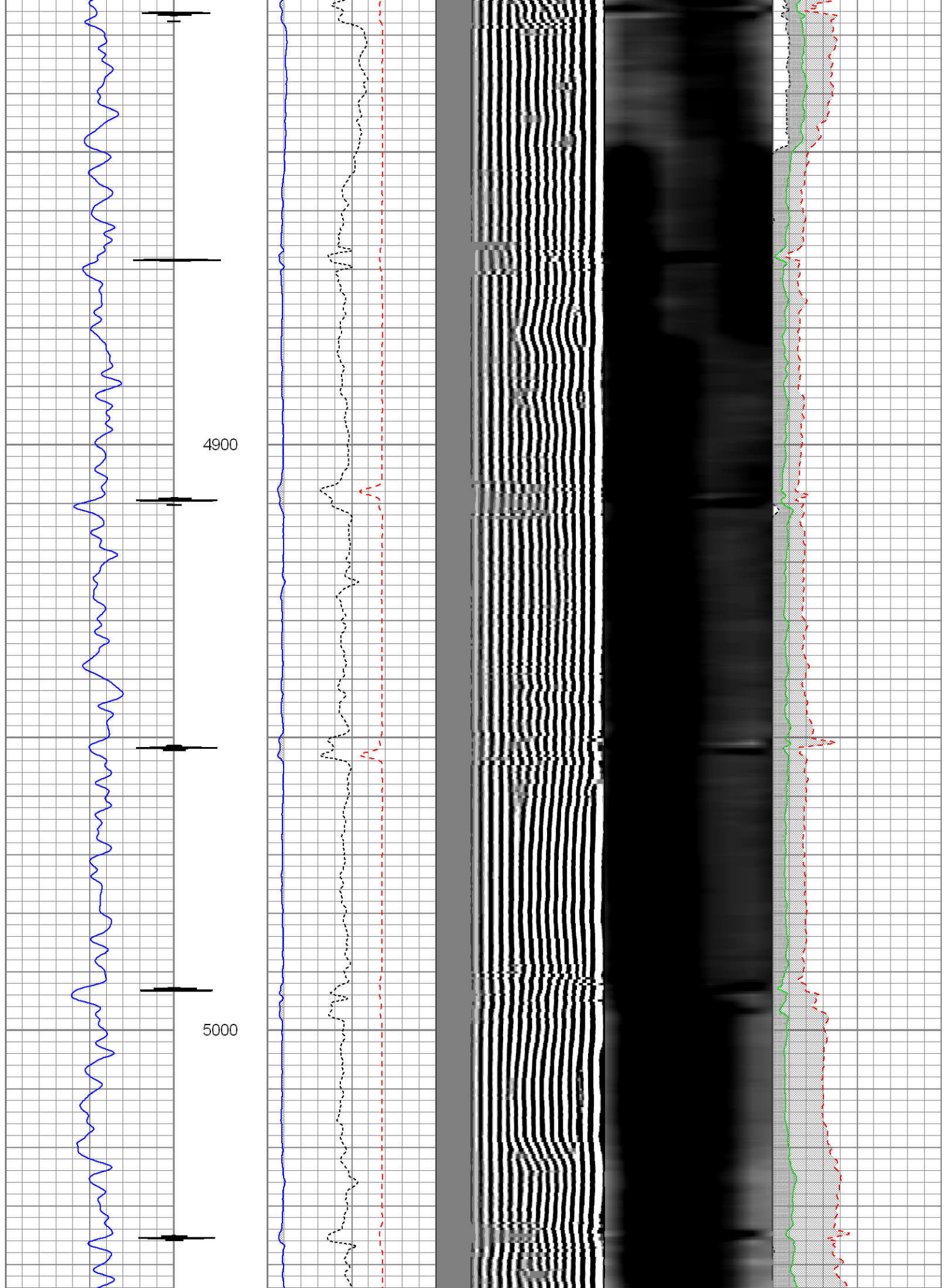


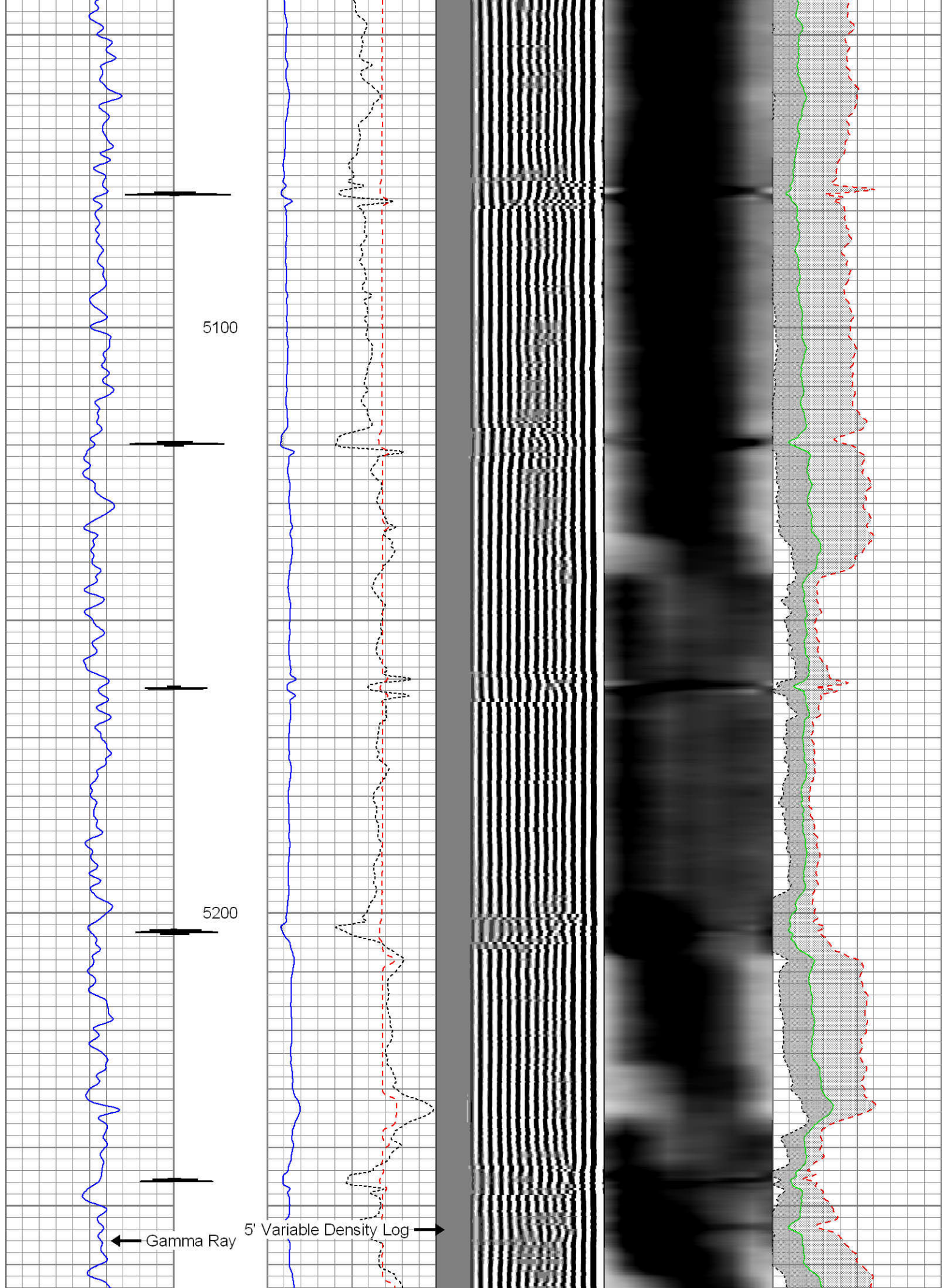


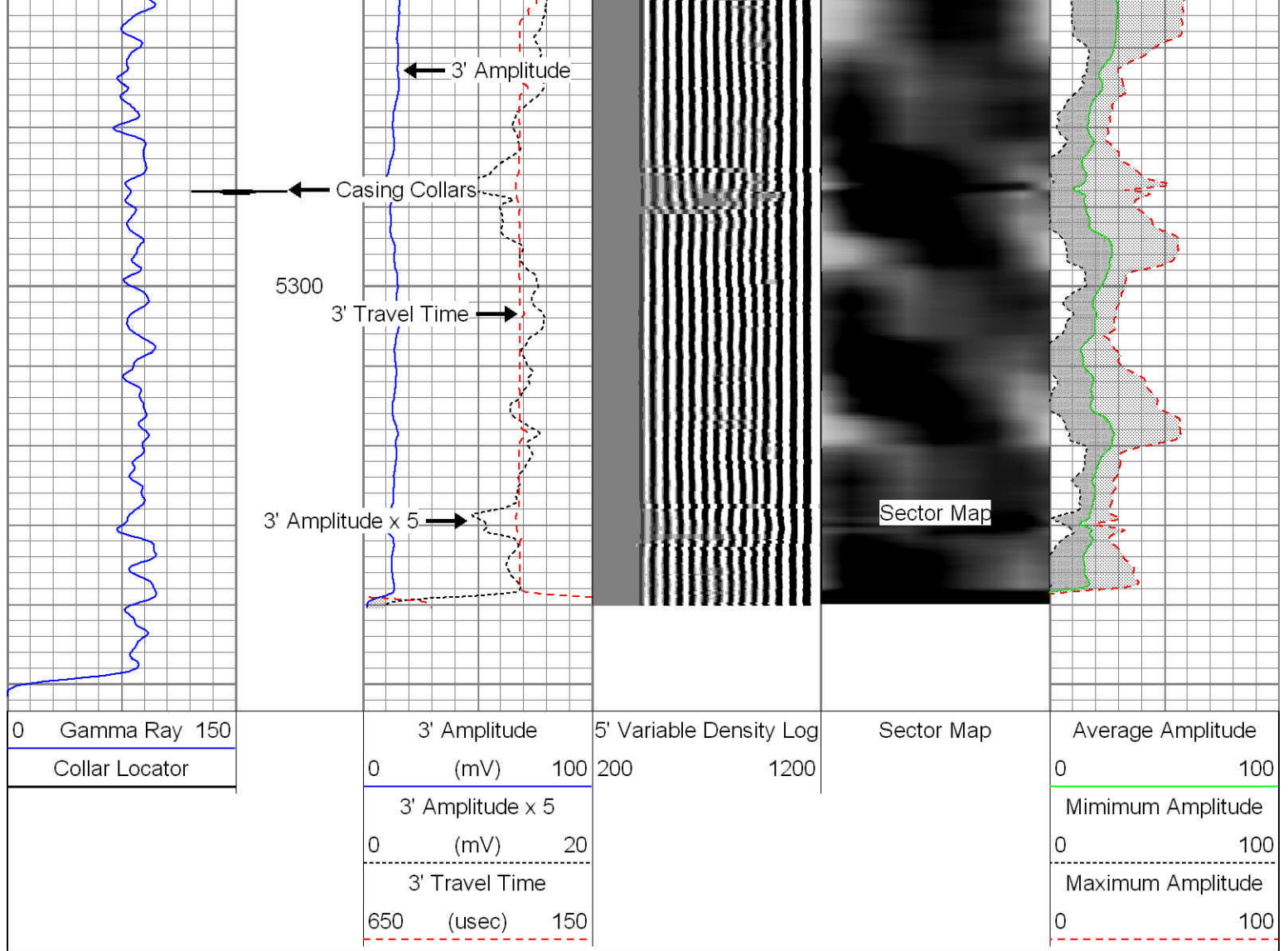




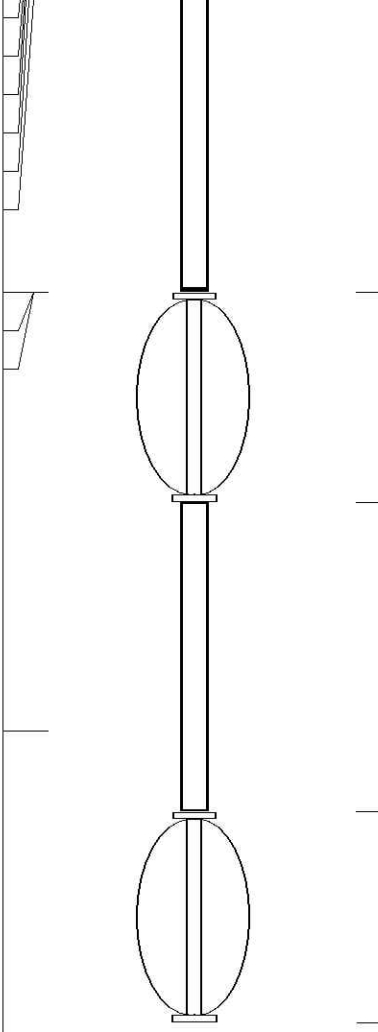
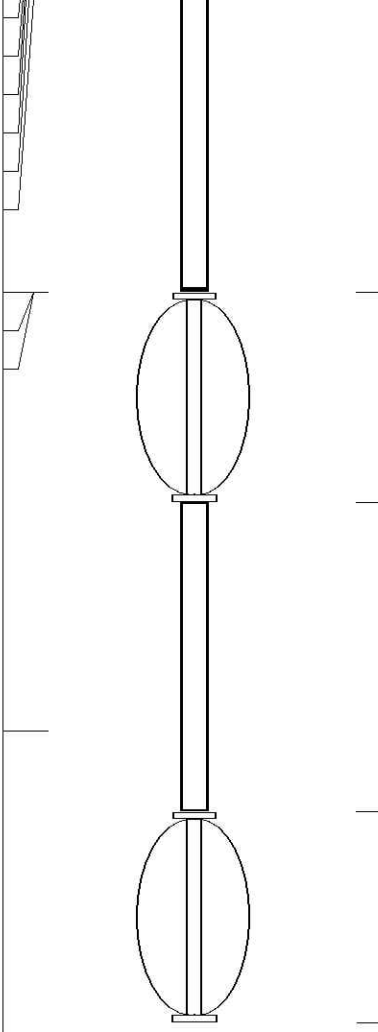








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	22.21		STNDRD Standard Cable Head	1.00	1.44	10.00
			CCL-275tekco (2.75TEKCO) 2 3/4 TEK CCL Earth Mag	1.92	2.75	20.00
			SDSCENT Centralizer for testing	2.73	2.75	20.00
TEMP	16.38					
WVFS1	15.00					
WVFS2	15.00					
WVFS3	15.00					
WVFS4	15.00		275CTEKSECWTWSLCANS-275RIB (1239.31 2 3/4" (R.I.B.) TOOL 3FT, 5FT and 8EA RIB SIGNALS 400 DEG "F" @20K PSI With Sliding		2.75	102.00

WVFS5	15.00		Cans For Pressure Balance		
WVFS6	15.00				
WVFS7	15.00				
WVFS8	15.00				
WVF3FT	14.25				
WVF5FT	13.25				
WVFCAL	9.46				
WVFTEMP	9.46				
WVFSYNC	9.46				
GR	3.77	SDSCENT Centralizer for testing	2.73	2.75	20.00
		GR-Tek-Co (Tek-Co2) 2 3/4 400deg Scint gamma	4.00	2.75	40.00
		SDSCENT Centralizer for testing	2.73	2.75	20.00
Dataset: whiting_wild horse_02-0214h.db: 17sep12/well/cbl/pass5 Total Length: 24.42 ft Total Weight: 232.00 lb O.D. 2.75 in					

	Company	WHITING OIL & GAS
	Well	WILD HORSE 02-0214H
	Field	WILDCAT
	County	WELD
	State	COLORADO