
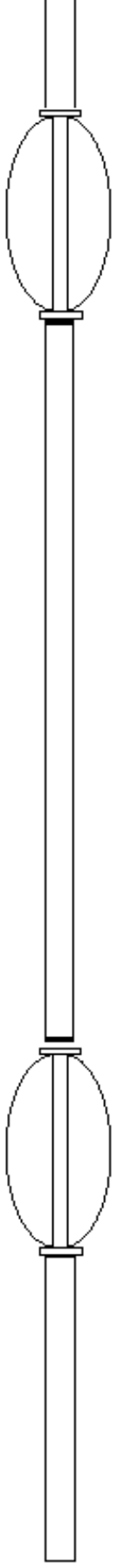

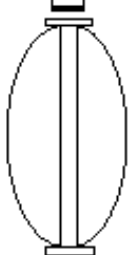


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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 KB. Run CBL from 7" Casing plug to surface. Log ran with 2000# surface induced pressure. Thank you for choosing Pure Energy Services!

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.44	10.00

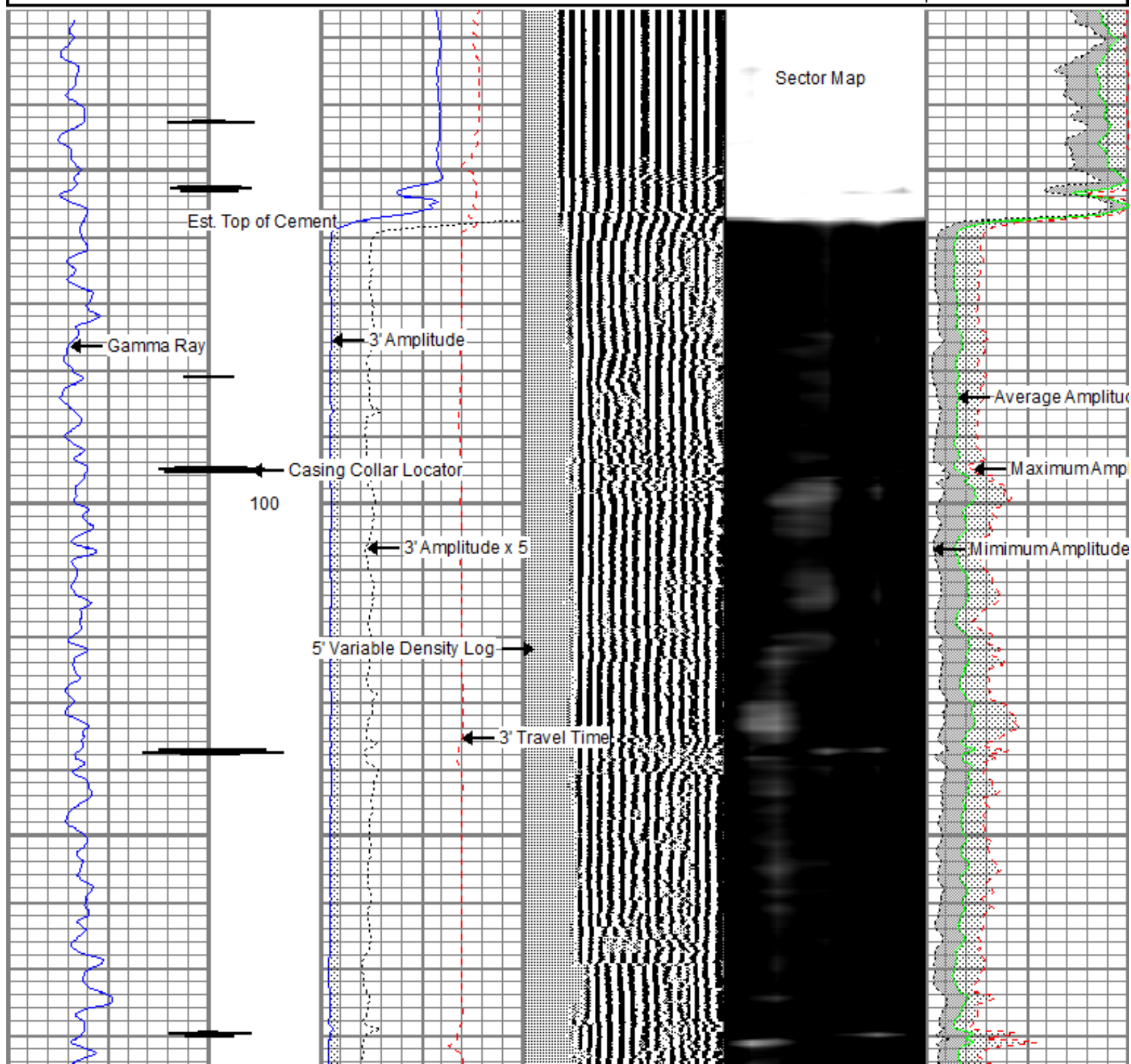
CCL	19.81		CCL-275tekco (2.75TEKCO) 2 3/4 TEK CCL Earth Mag	1.52	2.75	20.00
			SDSCENT Centralizer for testing	2.73	2.75	20.00
TEMP	13.65					
WVFS1	12.31					
WVFS2	12.31		275CTEKSECWTWSLCANS-275RIB (1234) 2 3/4\" (R.I.B.) TOOL 3FT, 5FT and 8EA RIB SIGNALS 400 DEG \"F\" @20K PSI With Sliding Cans For Pressure Ballance	9.52	2.75	102.00
WVFS3	12.31					
WVFS4	12.31					
WVFS5	12.31					
WVFS6	12.31					
WVFS7	12.31					
WVFS8	12.31					
WVF3FT	11.67					
WVF5FT	10.56					
WVFCAL	6.73					
WVFTEMP	6.73		SDSCENT Centralizer for testing	2.73	2.75	20.00
WVFSYNC	6.73					
			GR-Tek-Co (Tek-Co2) 2 3/4 400deg Scint gamma	4.00	2.75	40.00
GR	1.04					
Dataset: whiting_two mile 15-1033h_cbl.db: field/well/run1/pass4 Total Length: 21.50 ft Total Weight: 212.00 lb O.D. 2.75 in						

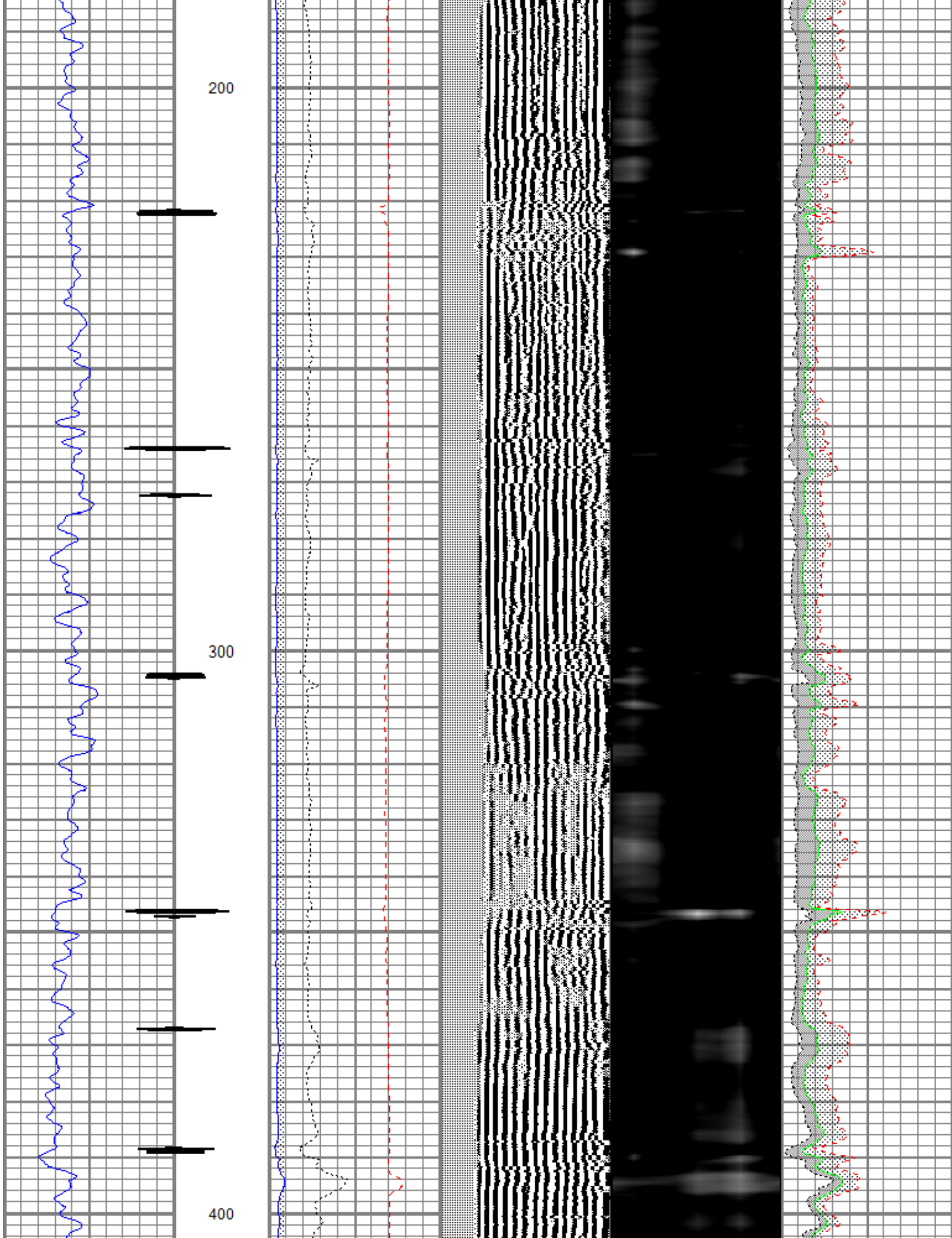
MAIN PASS

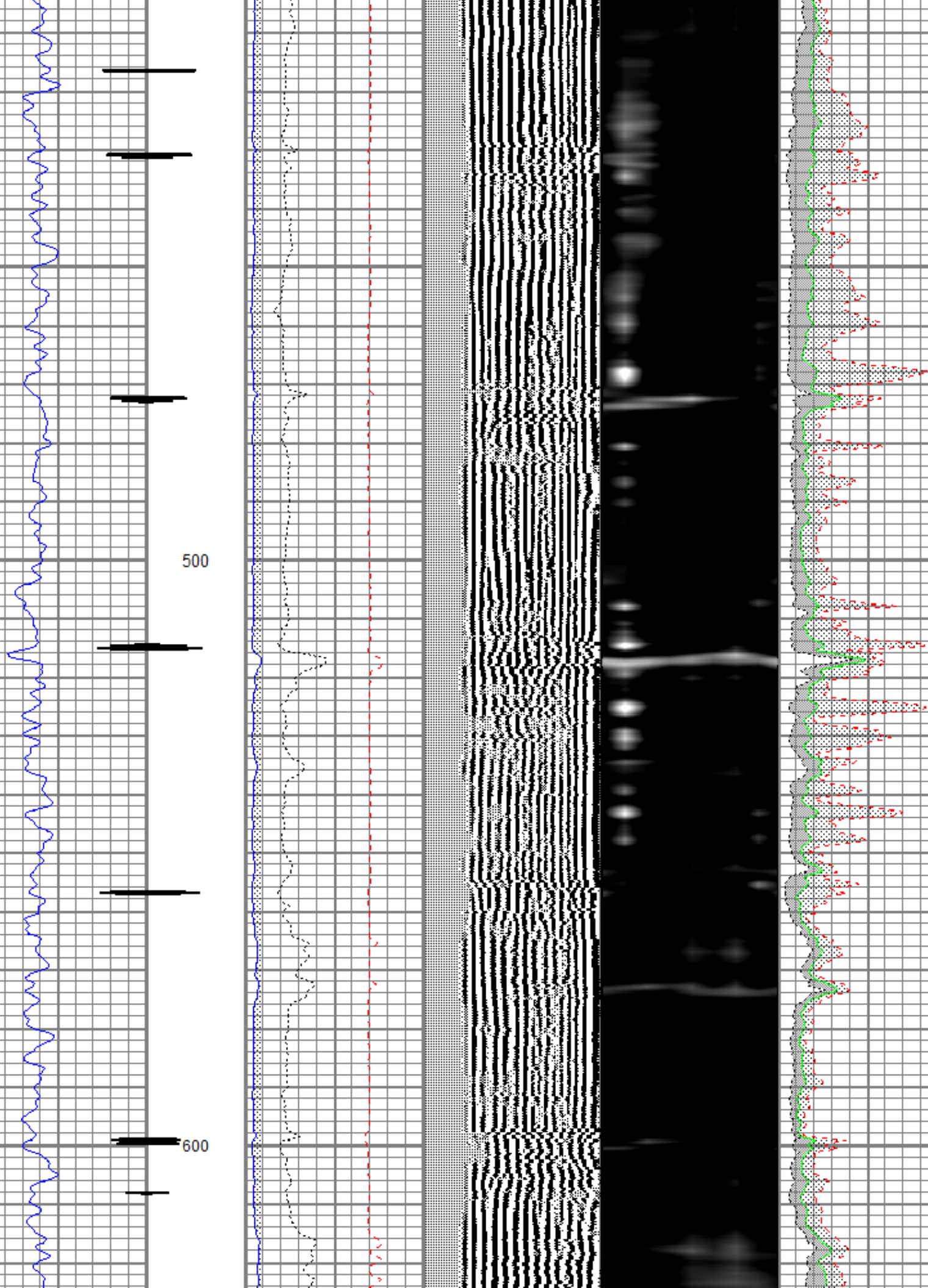


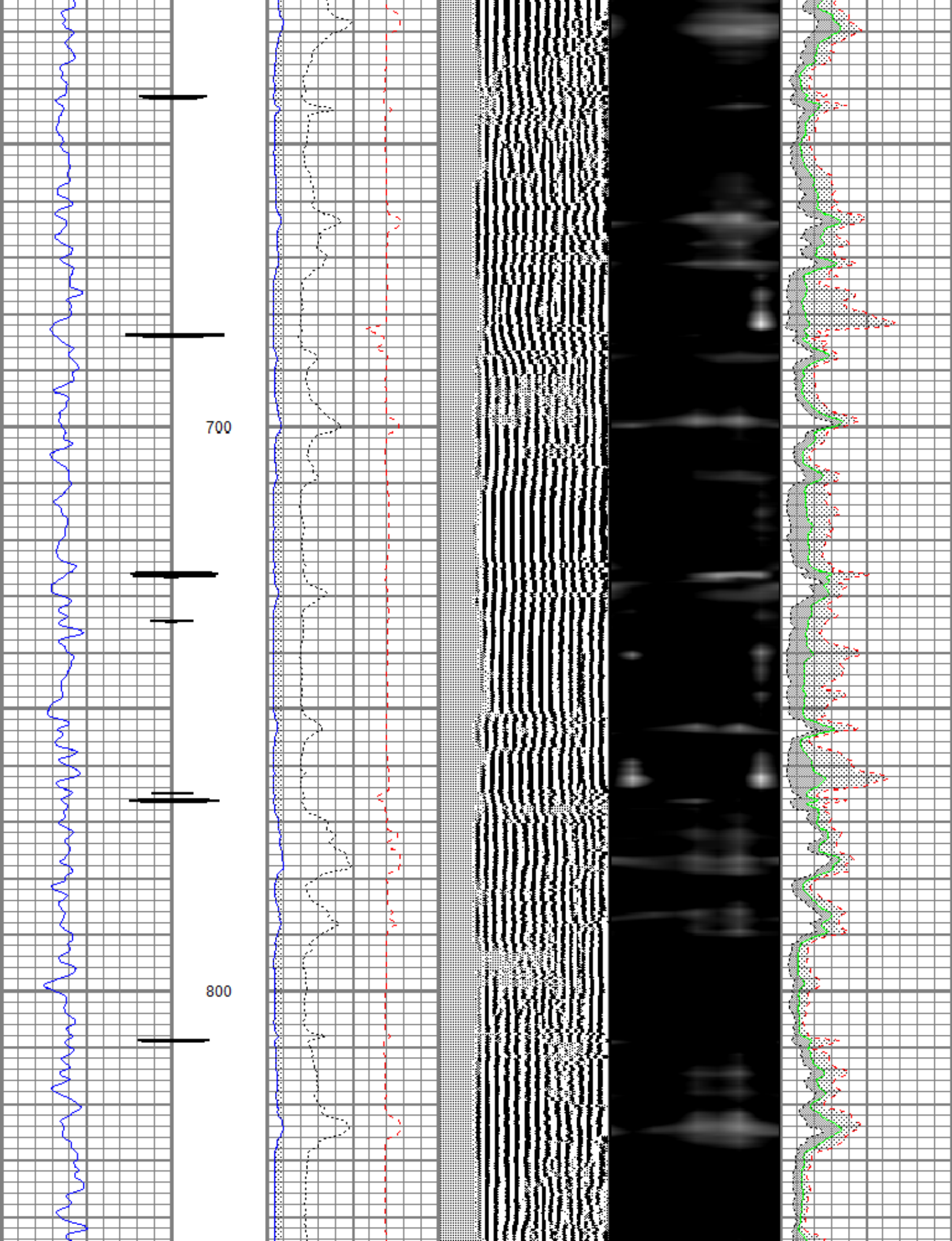
Database File: whiting_two mile 15-1033h_cbl.db
Dataset Pathname: pass5
Presentation Format: rib
Dataset Creation: Wed Oct 10 13:30:39 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

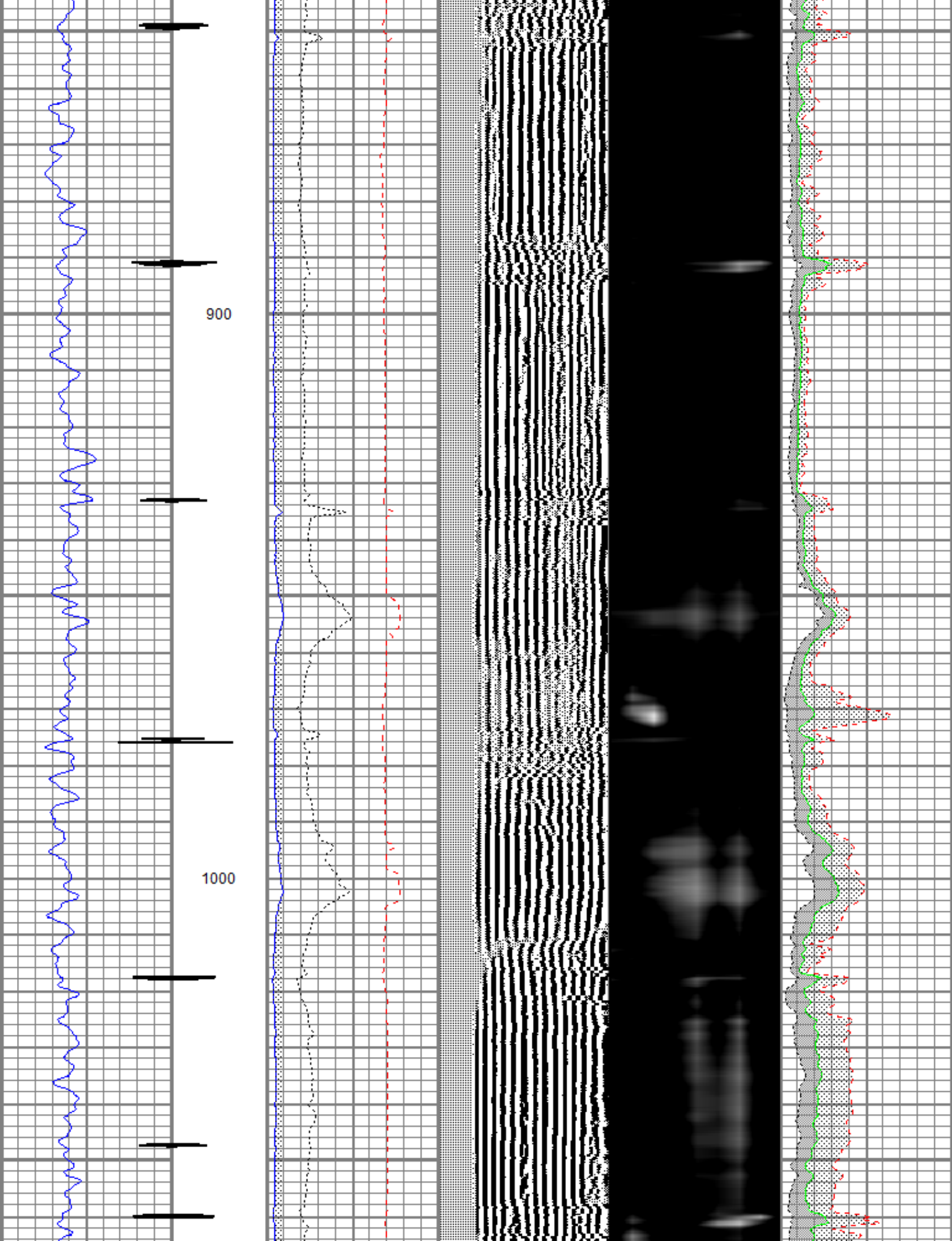
0	Gamma Ray	150	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	Average Amplitude	
	Collar Locator			3' Amplitude x 5	200	1200		0	100
			0	(mV)	20			Minimum Amplitude	
				3' Travel Time				0	100
			650	(usec)	150			Maximum Amplitude	
								0	100

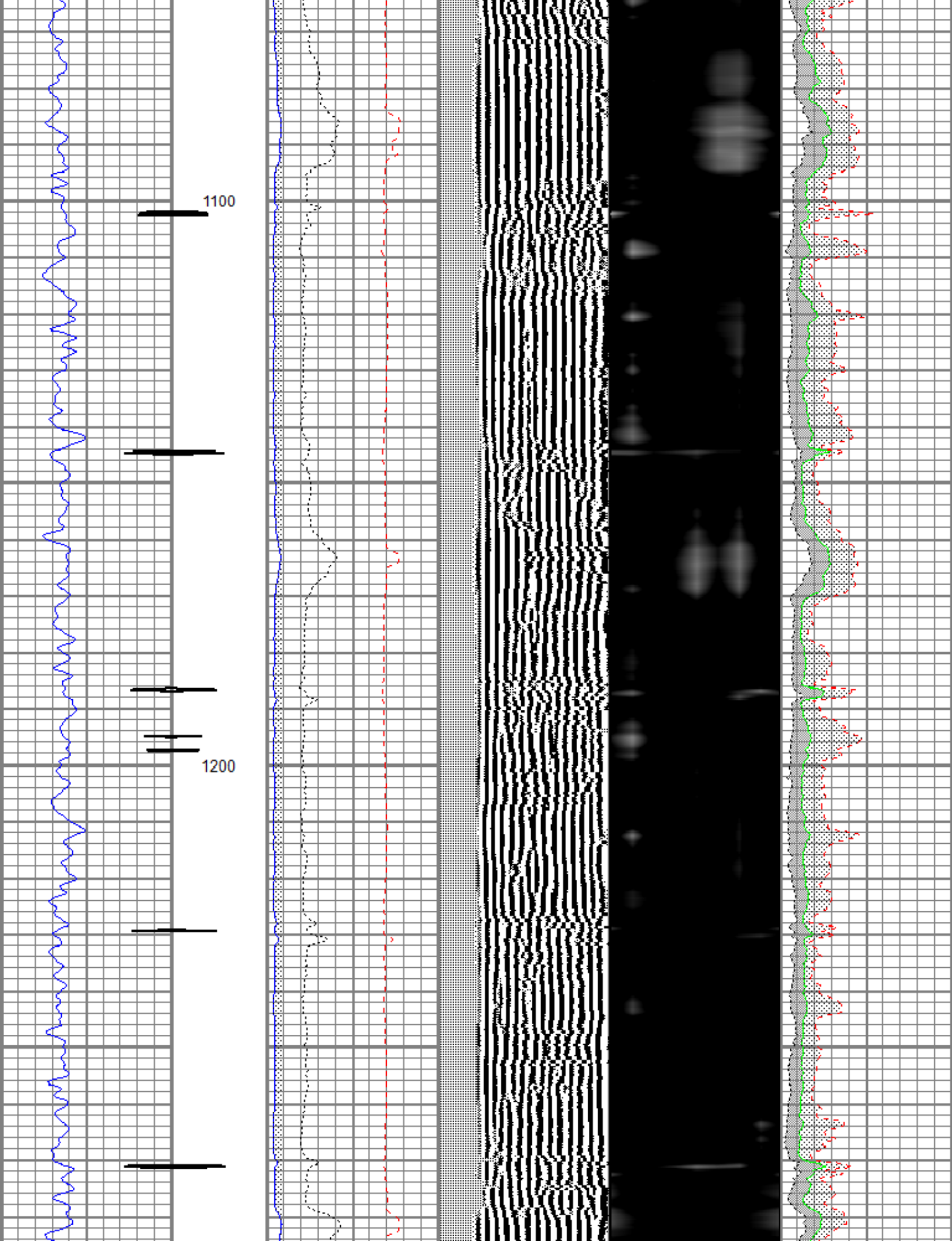


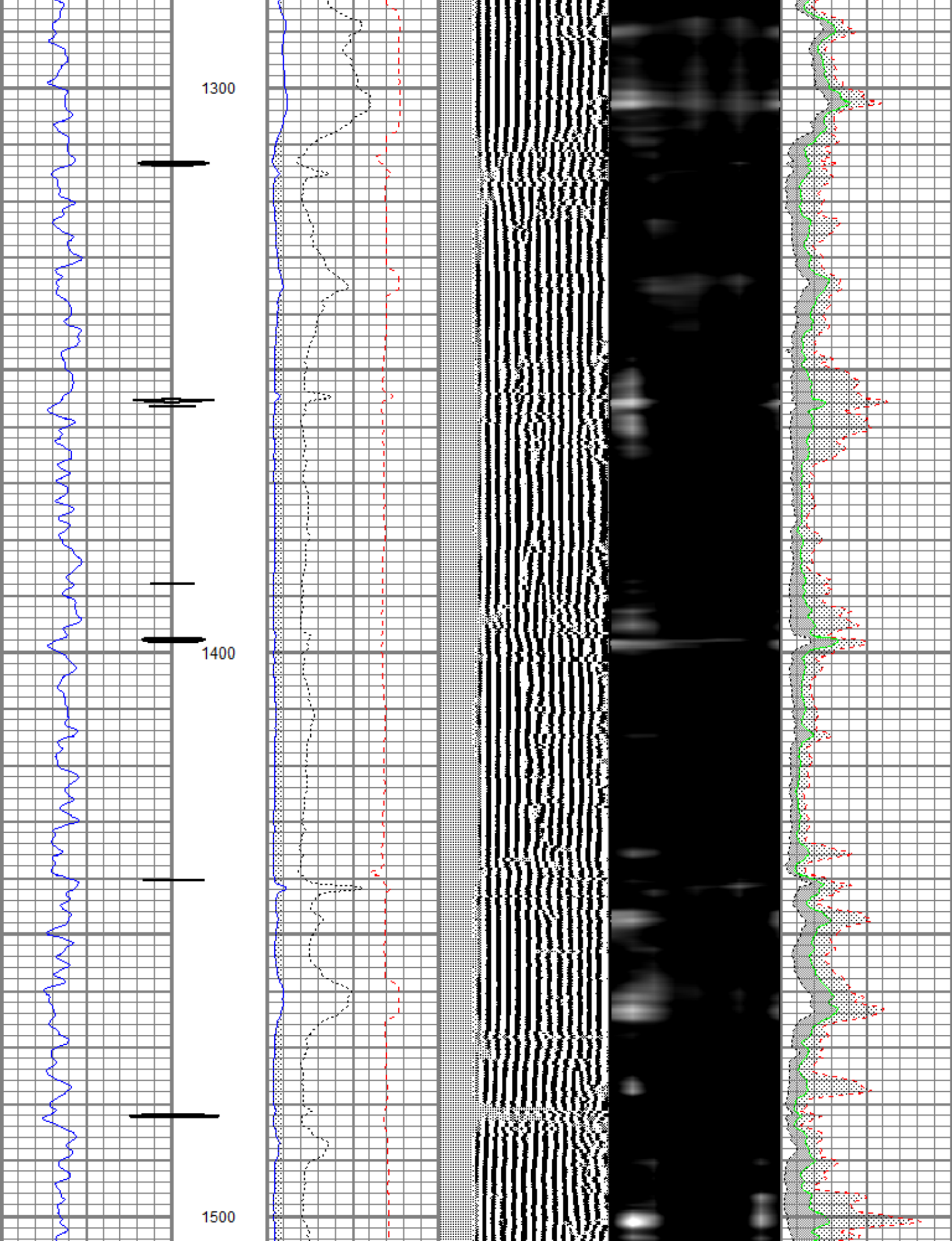


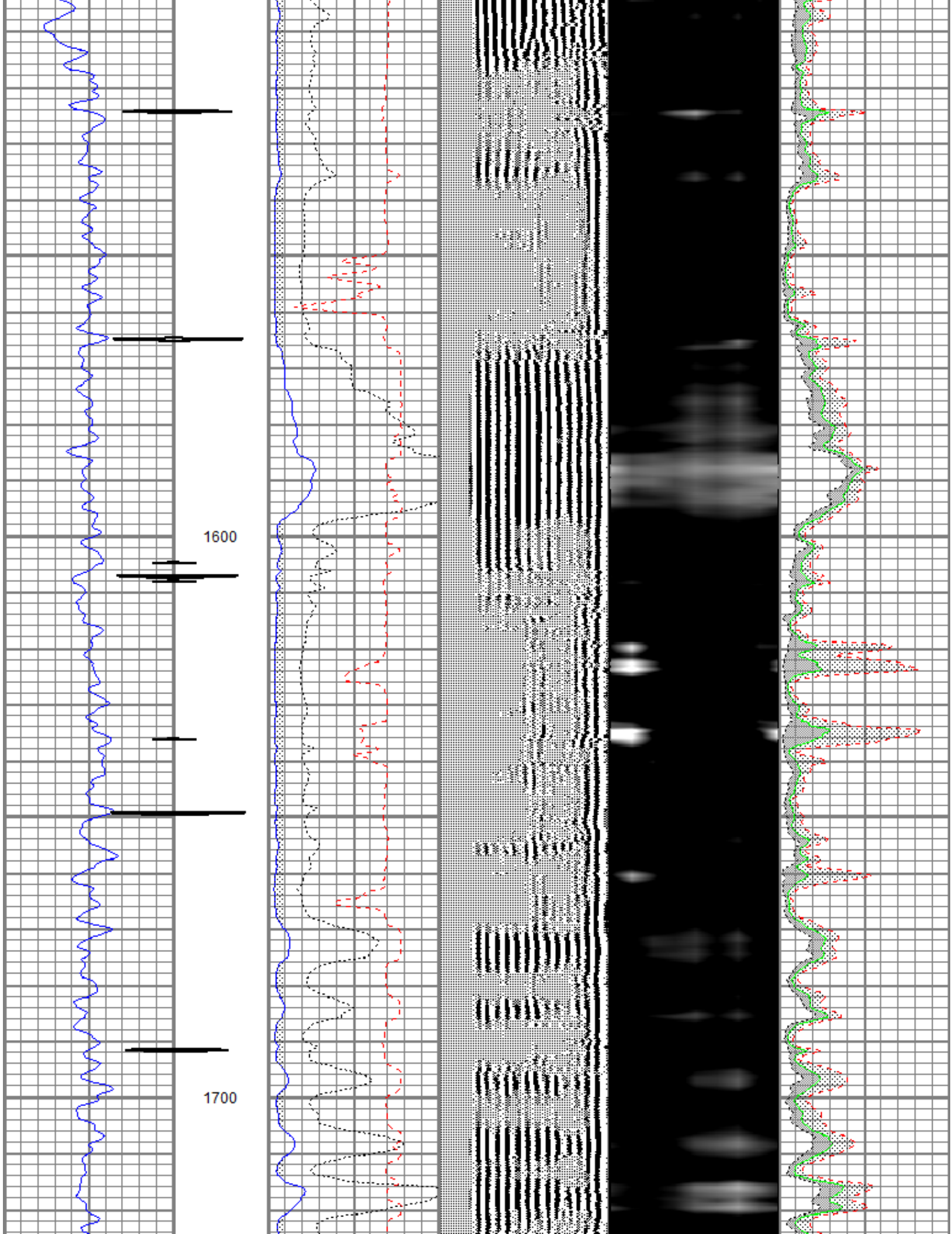


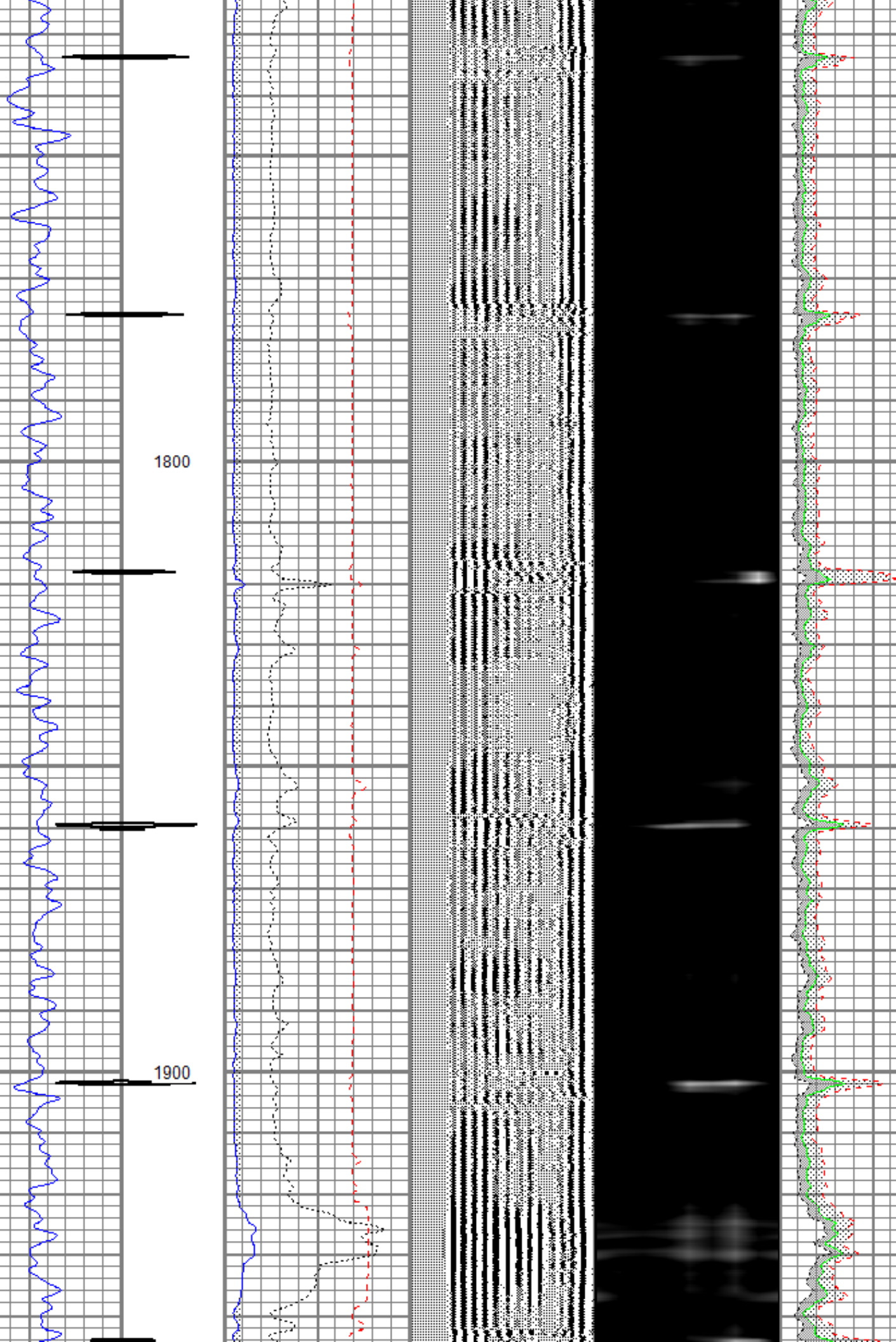


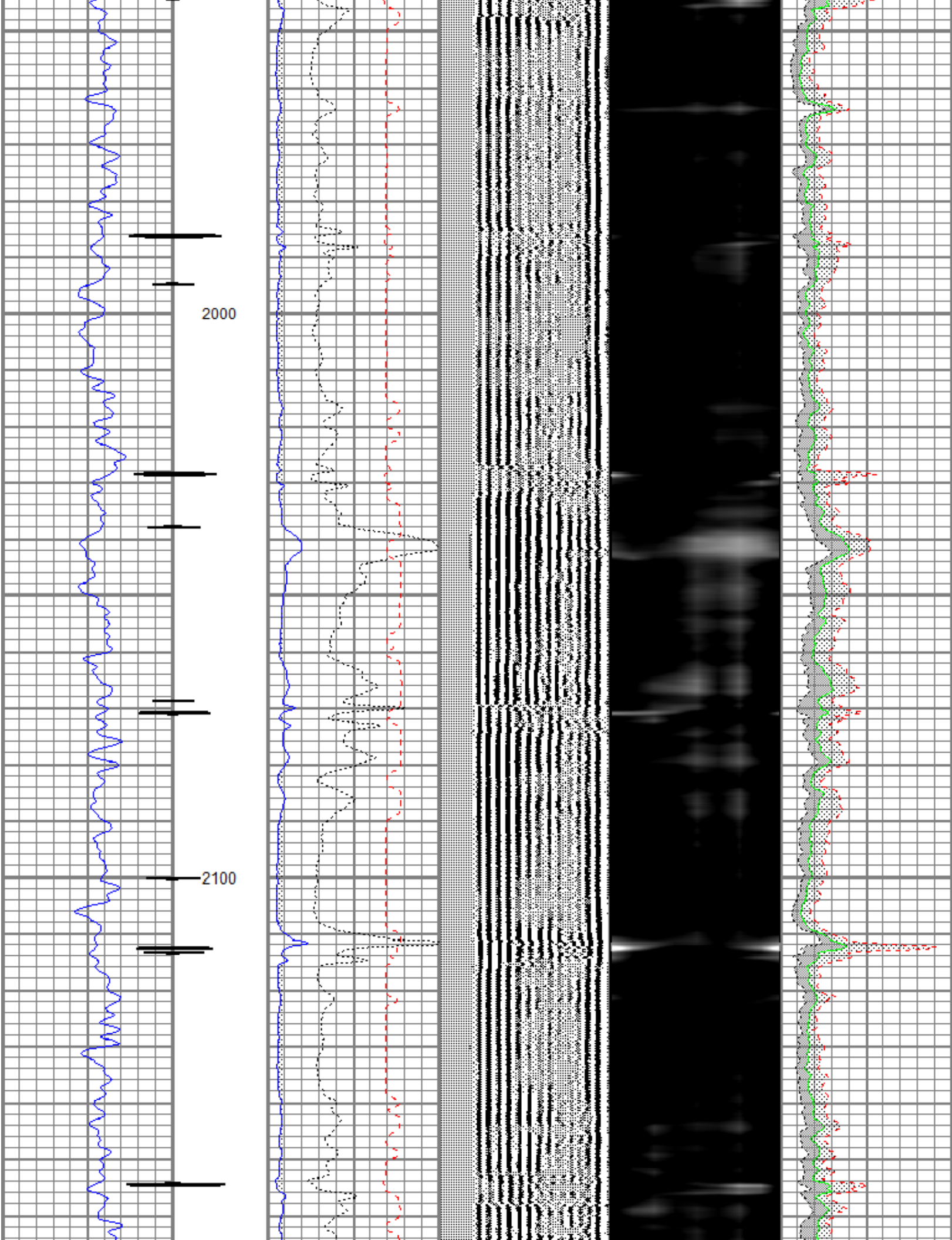


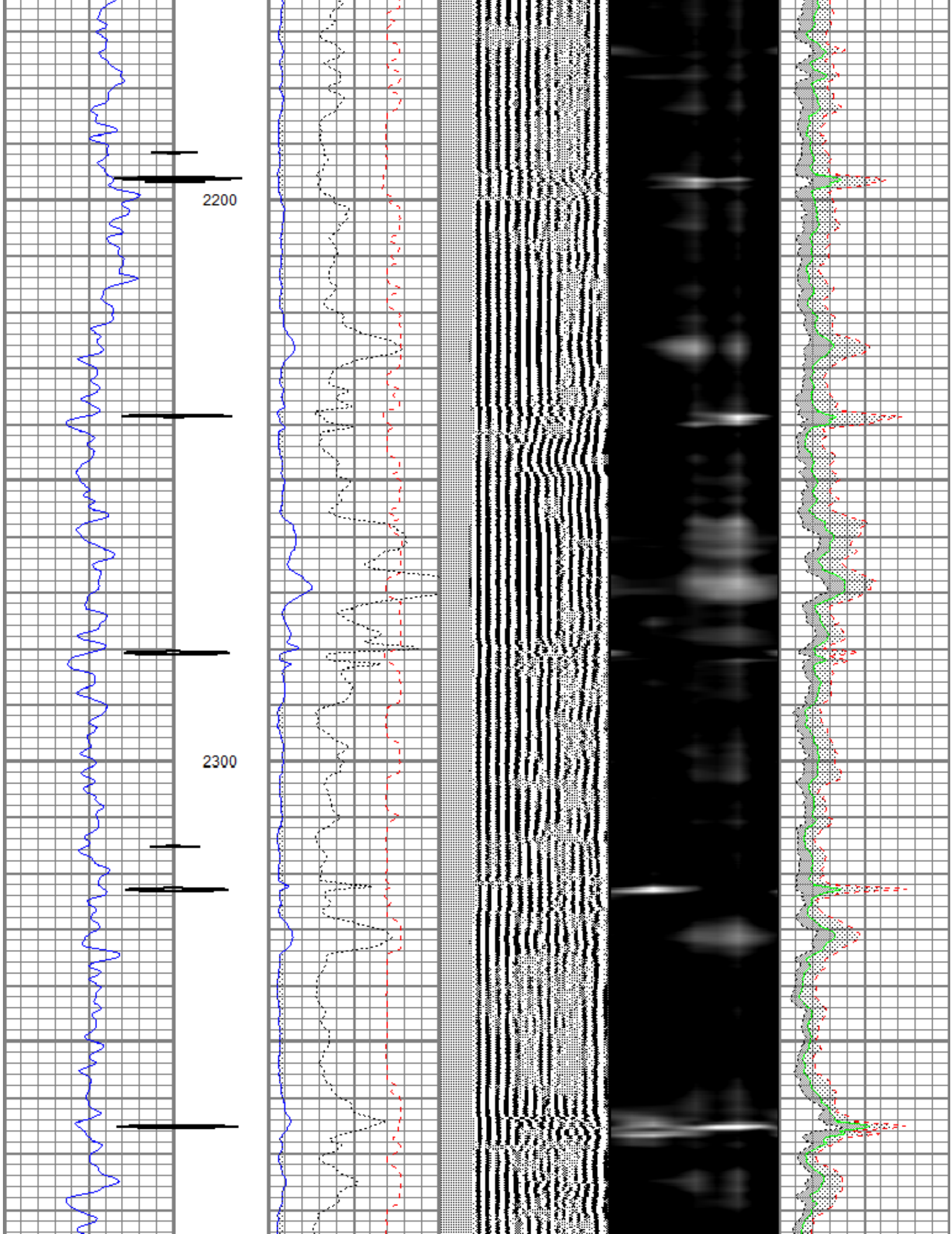


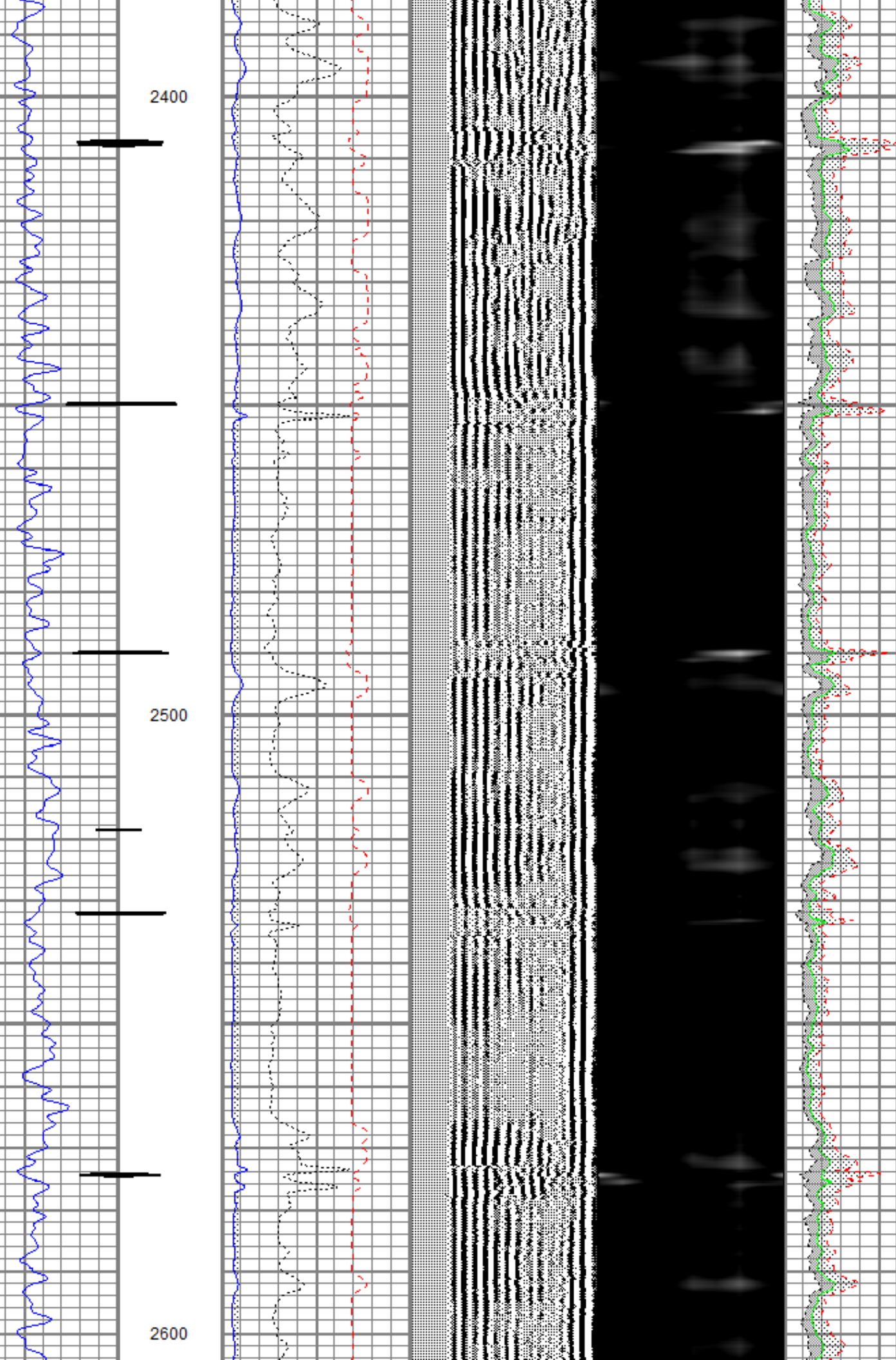


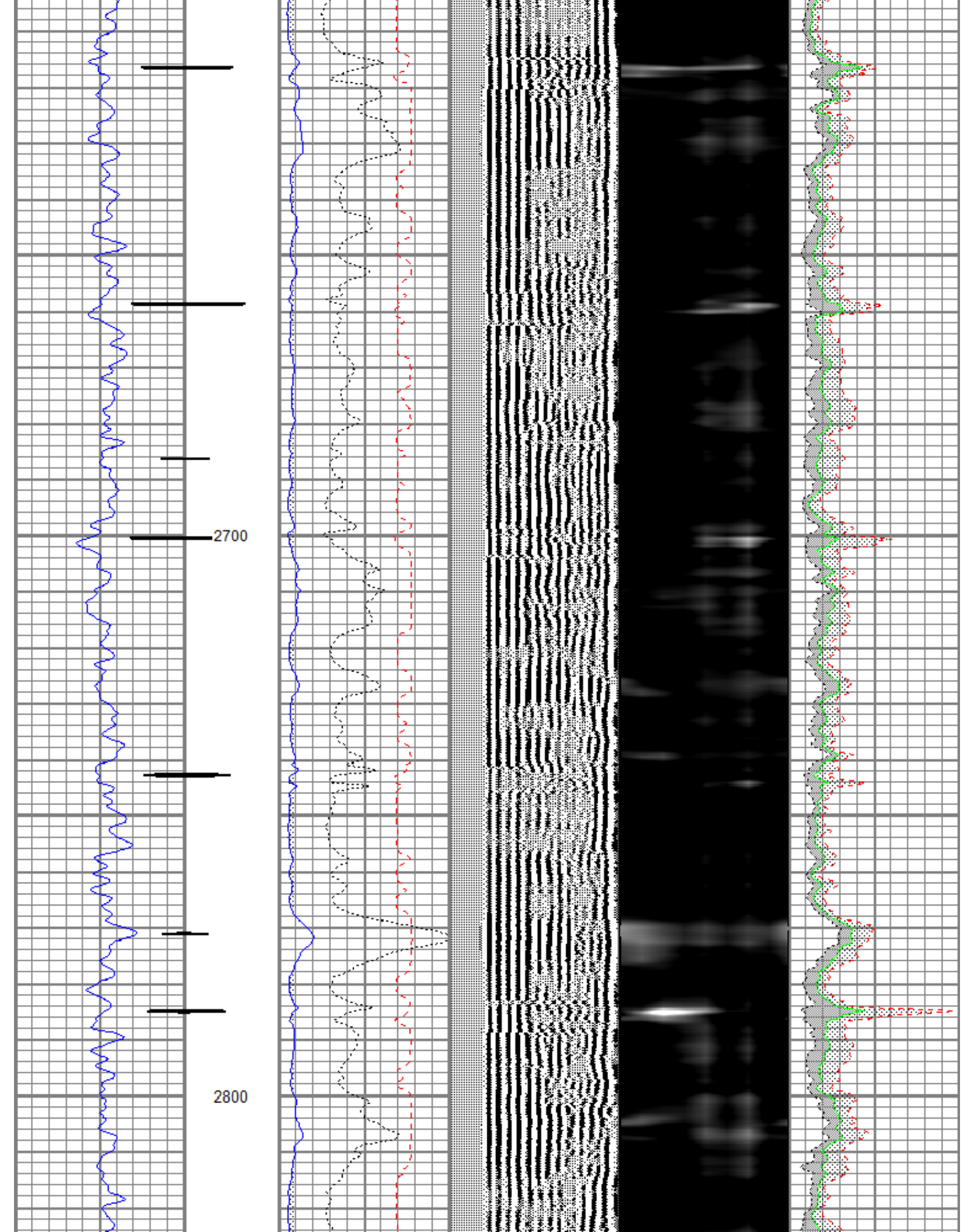


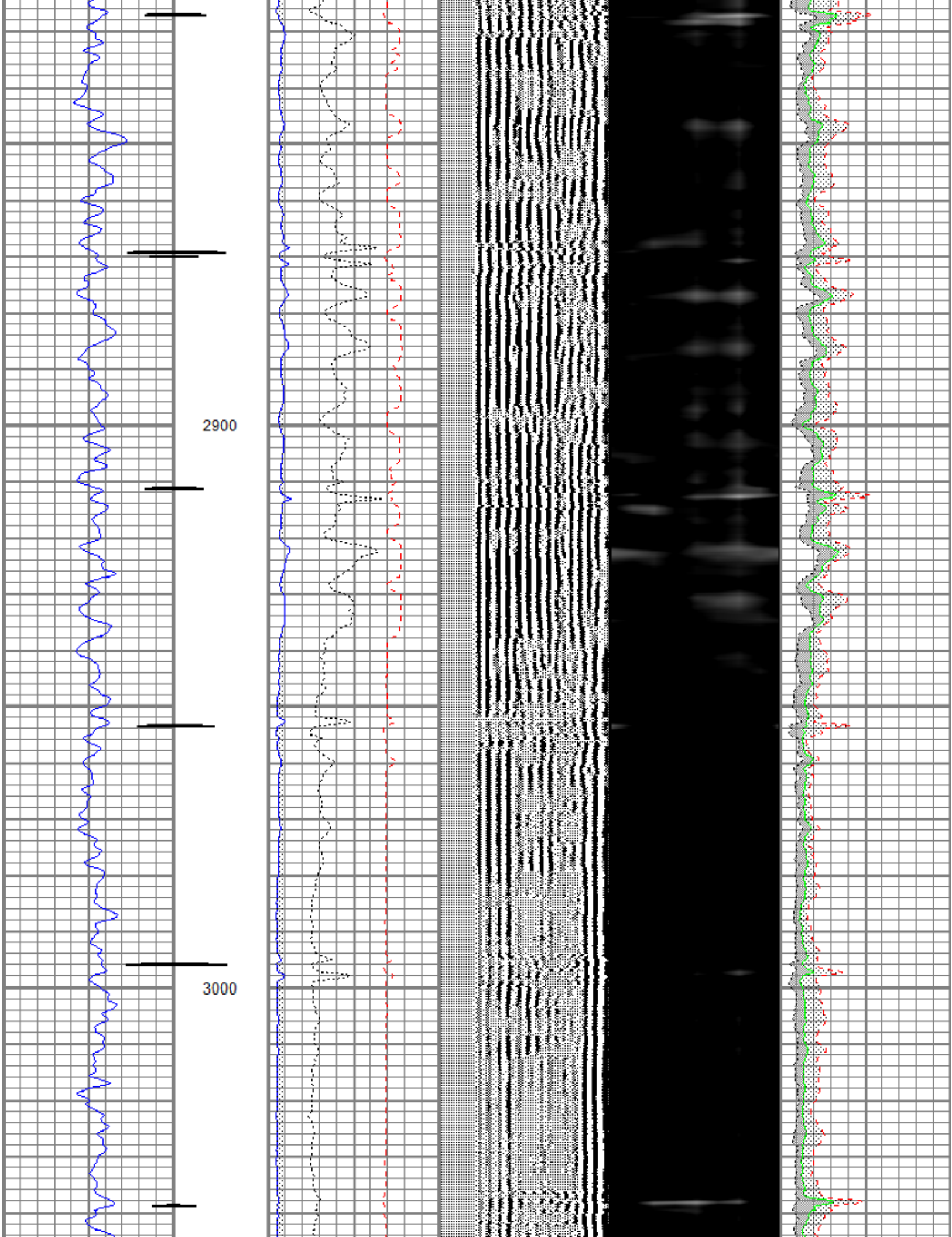


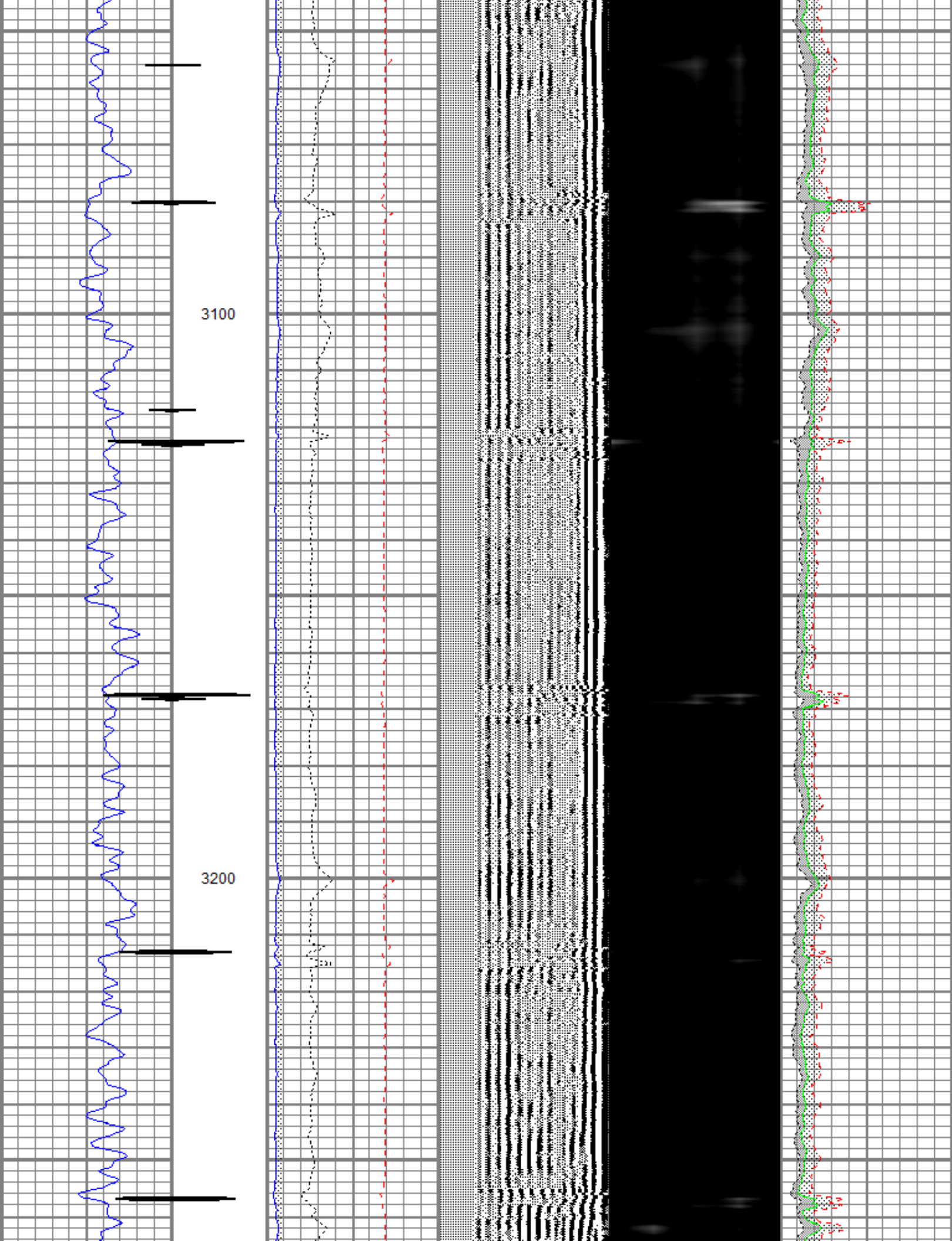


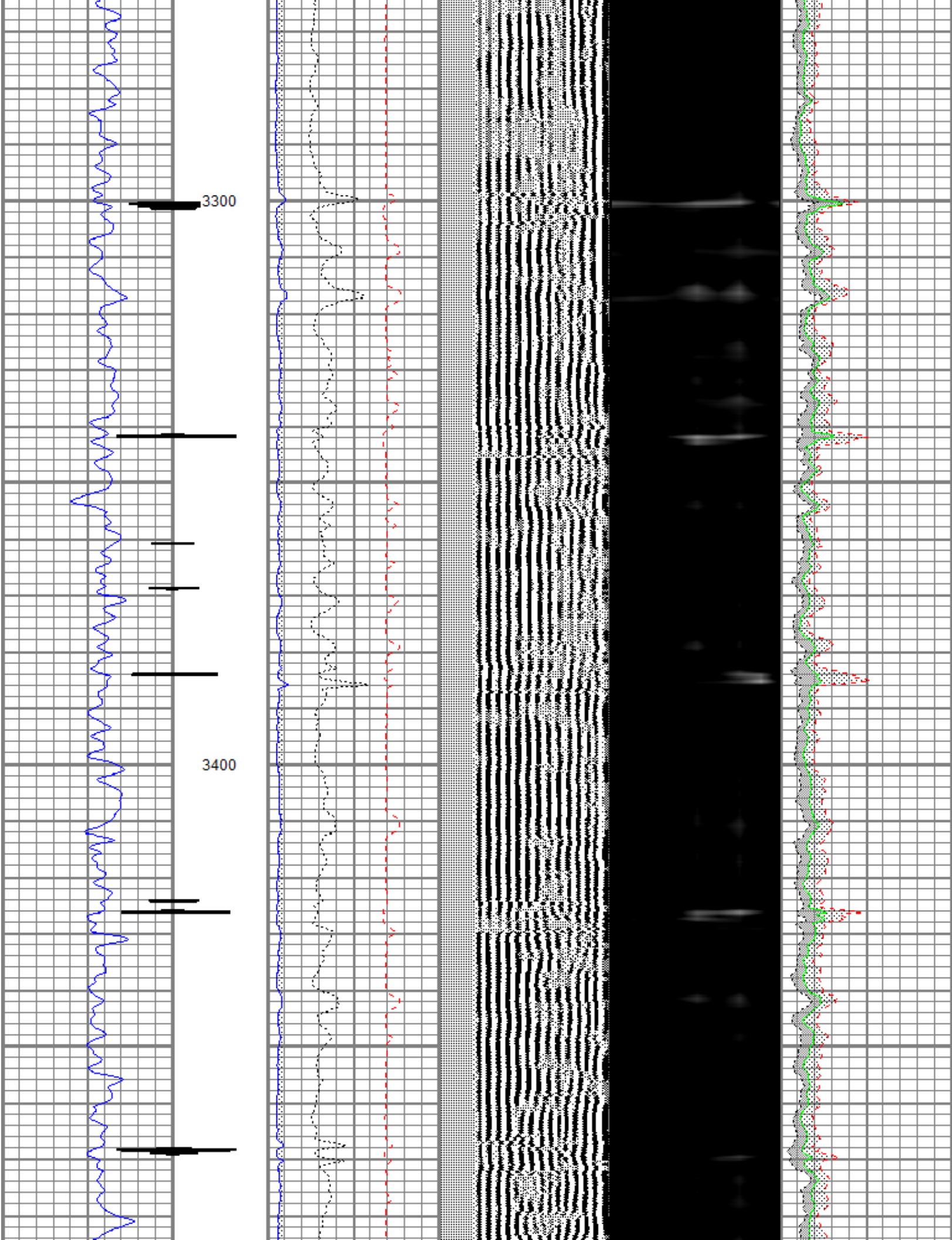


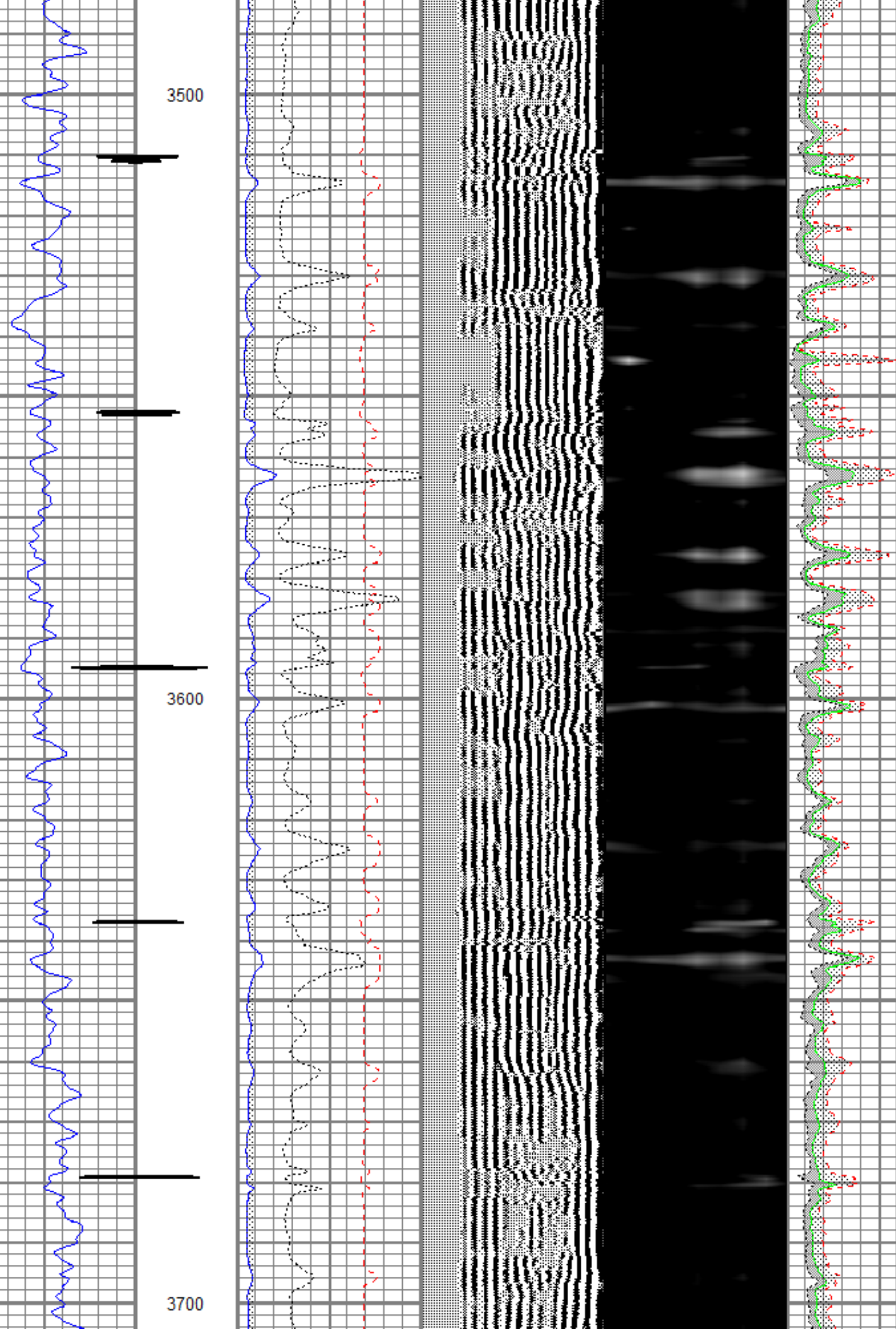


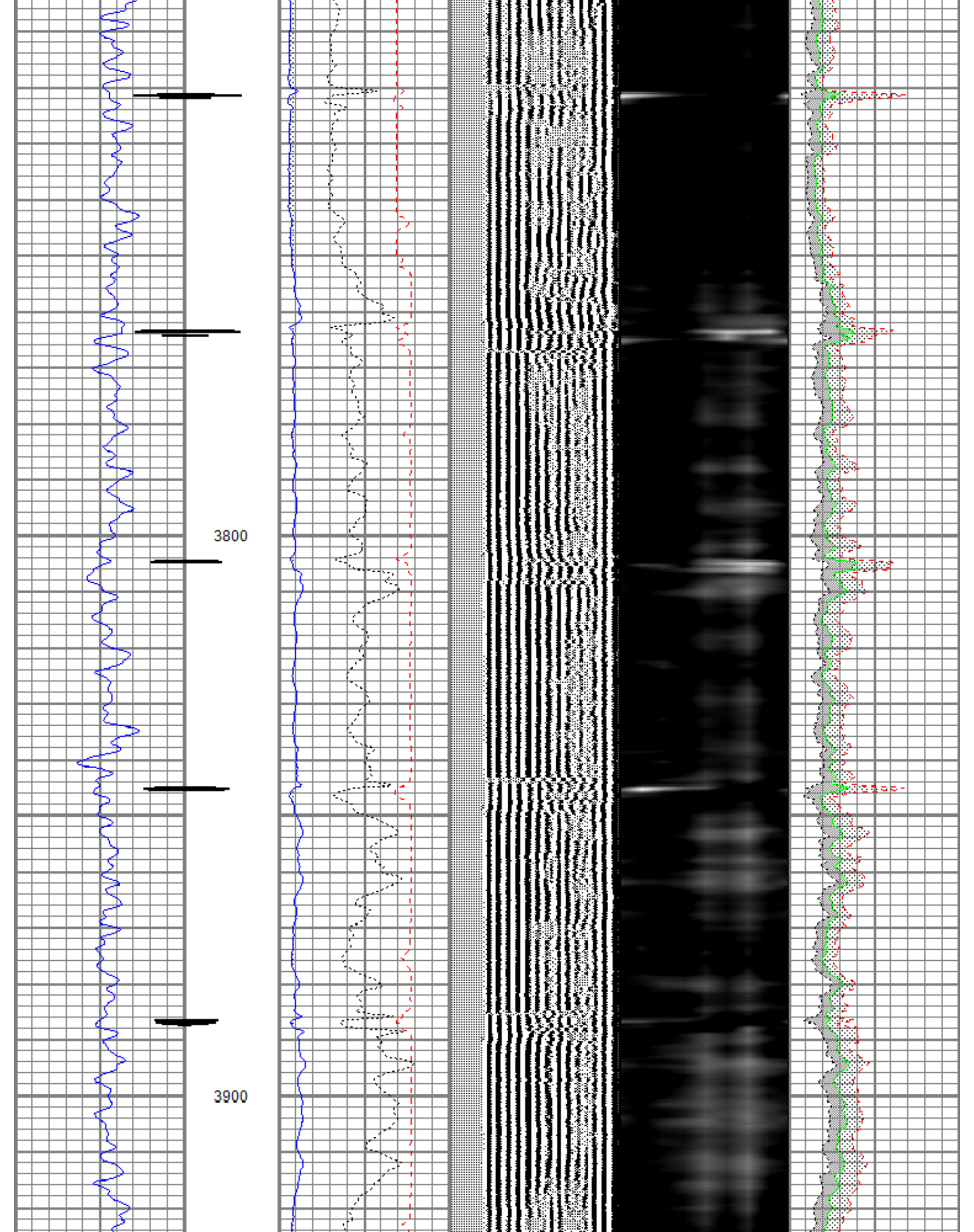


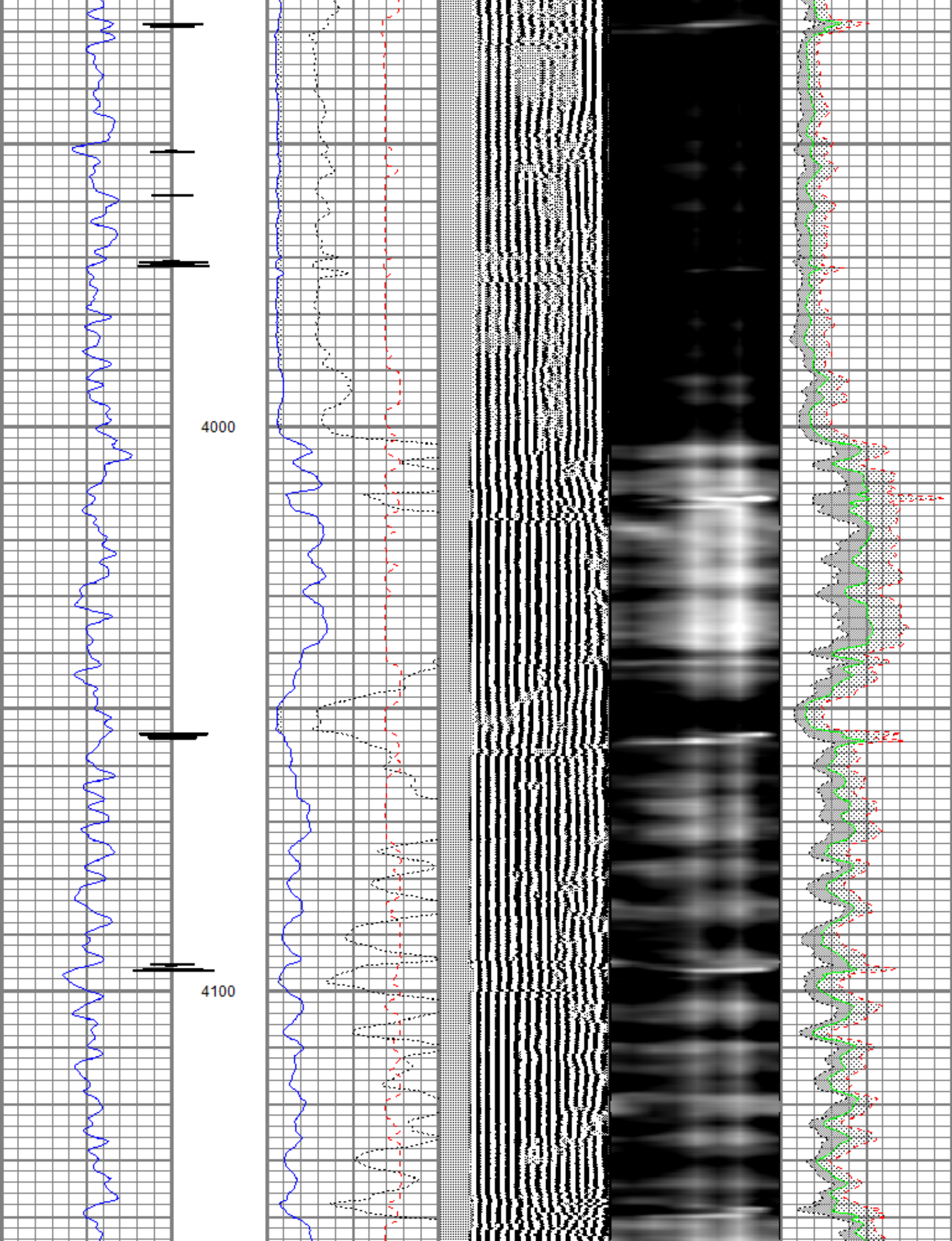


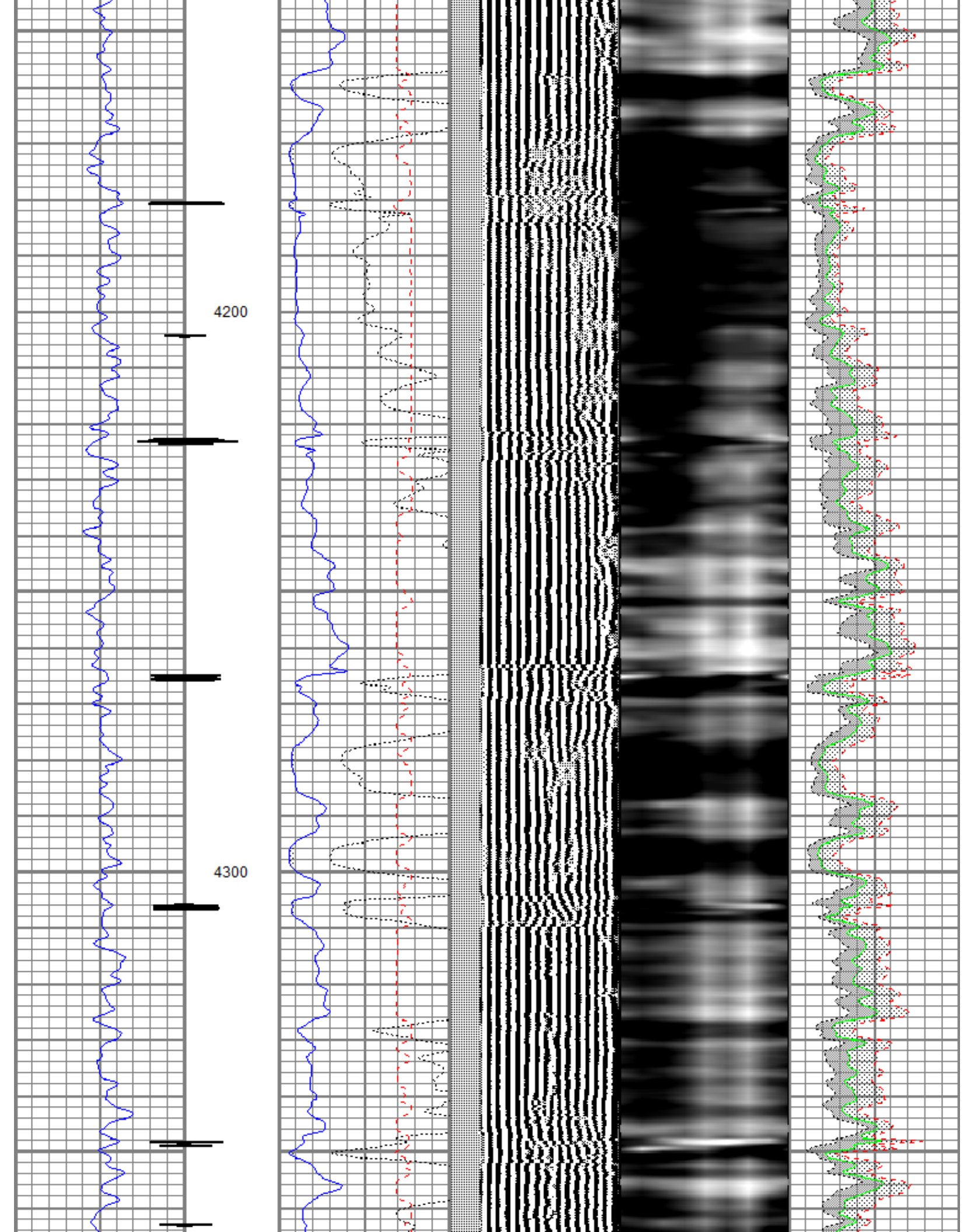


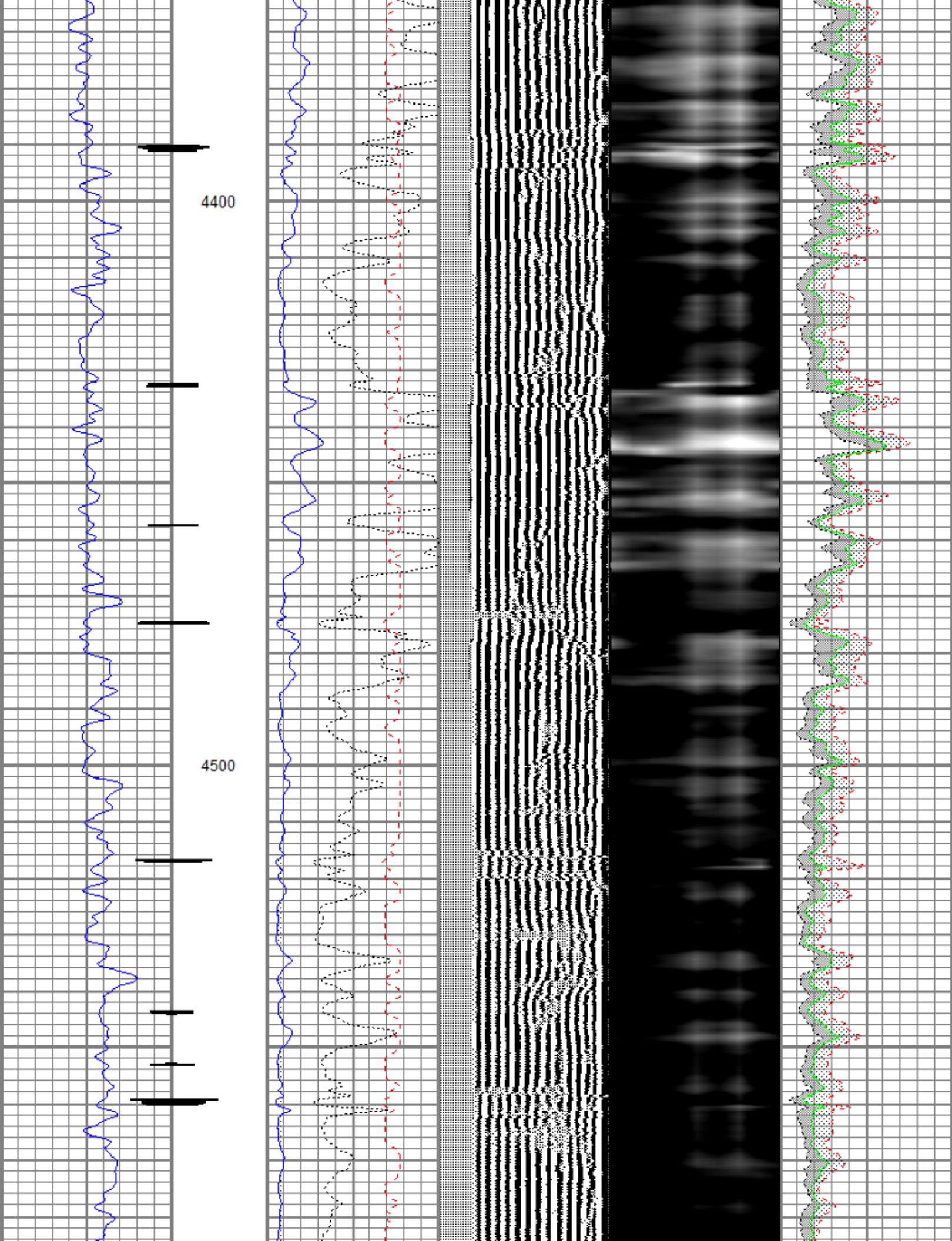


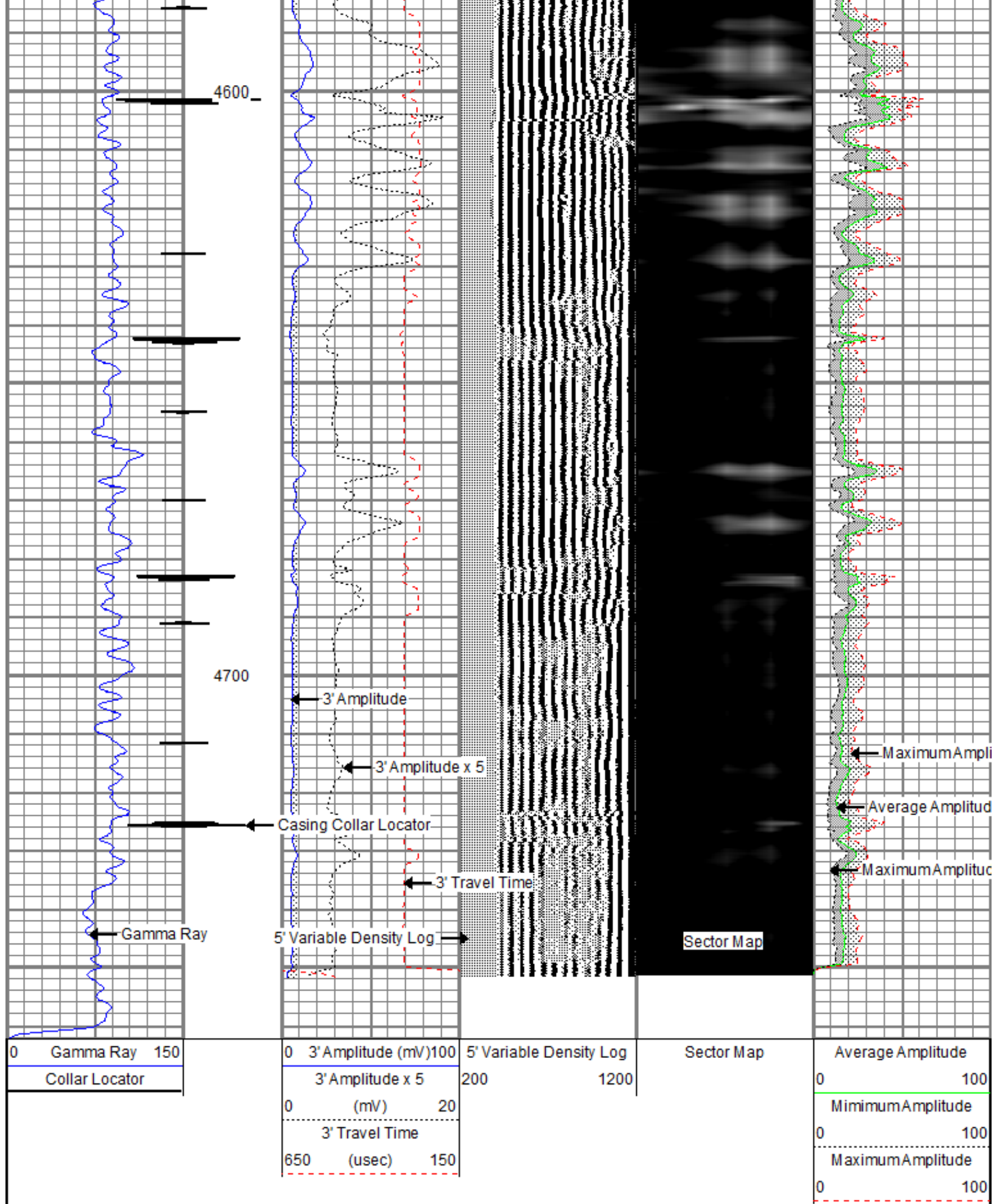






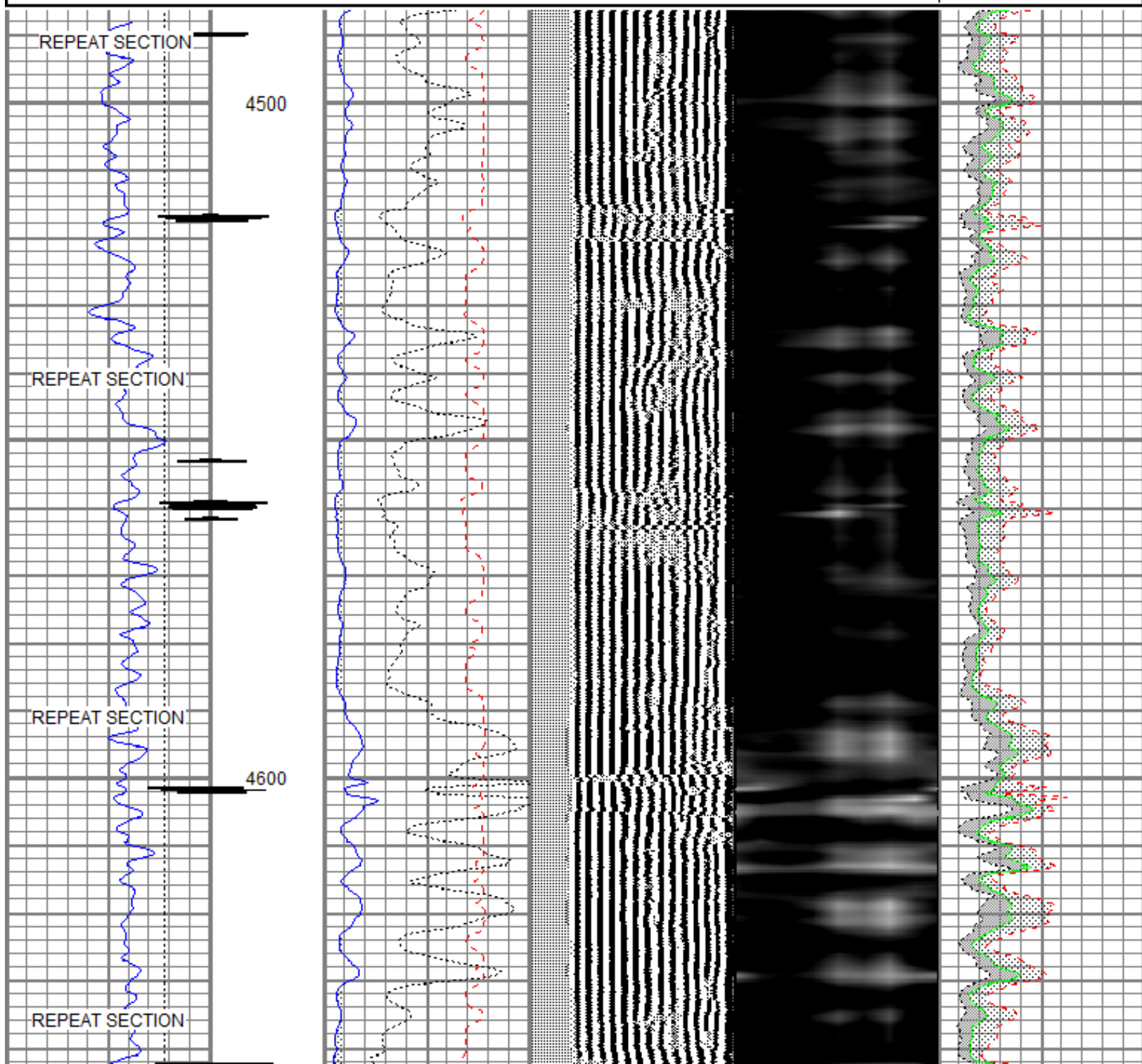


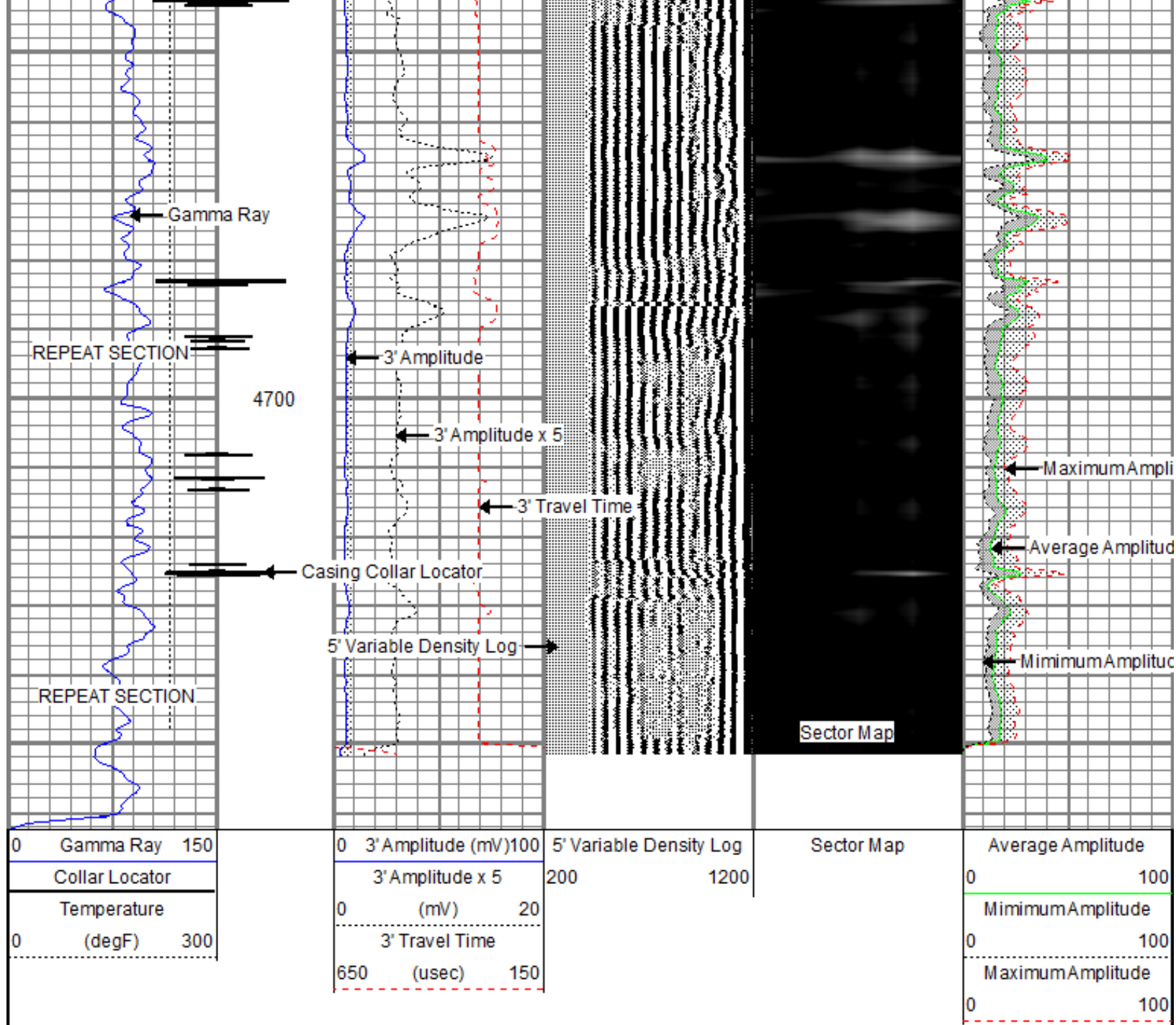




Database File: whiting_two mile 15-1033h_cbl.db
Dataset Pathname: pass4
Presentation Format: rib
Dataset Creation: Wed Oct 10 13:24:52 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	Average Amplitude	
	Collar Locator			3' Amplitude x 5	200	1200		0	100
	Temperature		0	(mV)	20			Minimum Amplitude	
0	(degF)	300		3' Travel Time				0	100
			650	(usec)	150			Maximum Amplitude	
								0	100





Calibration Report

Database File: whiting_two mile 15-1033h_cbl.db
 Dataset Pathname: pass4
 Dataset Creation: Wed Oct 10 13:24:52 2012 by Log SCH 111116

Gamma Ray Calibration Report

Serial Number: Tek-Co2
 Tool Model: Tek-Co
 Performed: Mon Oct 08 09:44:18 2012

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.8000 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 1234
Tool Model: 275RIB

Calibration Casing Diameter: 7.000 in
Calibration Depth: 1023.493 ft

Master Calibration, performed Wed Oct 10 12:41:27 2012:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.969	3.000	62.165	30.048	3.000
CAL	0.000	1.611				
5'	0.000	2.491	3.000	62.165	23.755	3.000
SUM						
S1	0.000	0.780	0.000	100.000	128.287	0.000
S2	0.000	0.633	0.000	100.000	157.885	0.000
S3	0.000	0.873	0.000	100.000	114.489	0.000
S4	0.000	1.913	0.000	100.000	52.265	0.000
S5	0.000	2.500	0.000	100.000	40.000	0.000
S6	0.000	2.400	0.000	100.000	41.658	0.000
S7	0.000	2.500	0.000	100.000	40.000	0.000
S8	0.000	1.444	0.000	100.000	69.267	0.000

Internal Reference Calibration, performed Tue Sep 04 09:18:11 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.611	1.000	0.000

Air Zero Calibration, performed Wed Oct 10 12:22:24 2012:

	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	

Temperature Calibration Report

Serial Number: 1234
Tool Model: 275RIB
Performed: Wed Sep 17 14:30:05 2008

	Reference	Reading
Low Reference:	75.00 degF	300.00 usec
High Reference:	400.00 degF	1282.00usec

Gain: 0.33

Offset:	0.00
Delta Spacing	1



Company	Whiting Oil & Gas	
Well	Two Mile 15-1033H	
Field	Wildcat	
County	Weld	
State	Colorado	
		Country US