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Comments

Thank you for choosing FMC Technologies Completion Services, Inc.

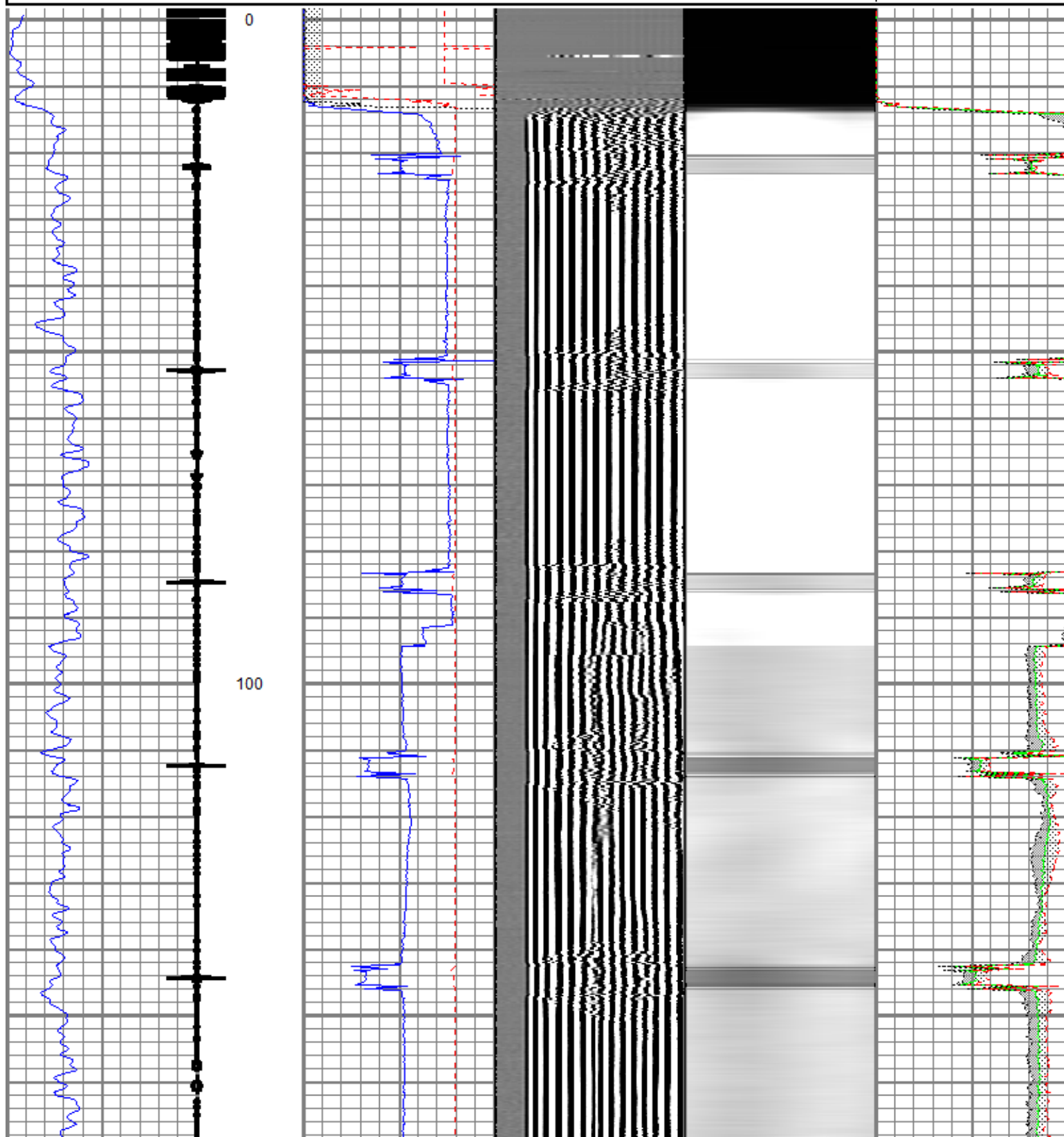
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
Titan_Electric	21.17		T_CH14375_1_GO	1.03	1.44	4.00
UW_AGS	20.14		Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck			
			UW_AGS-UW_AGS_001 (218848)	0.21	1.69	1.00

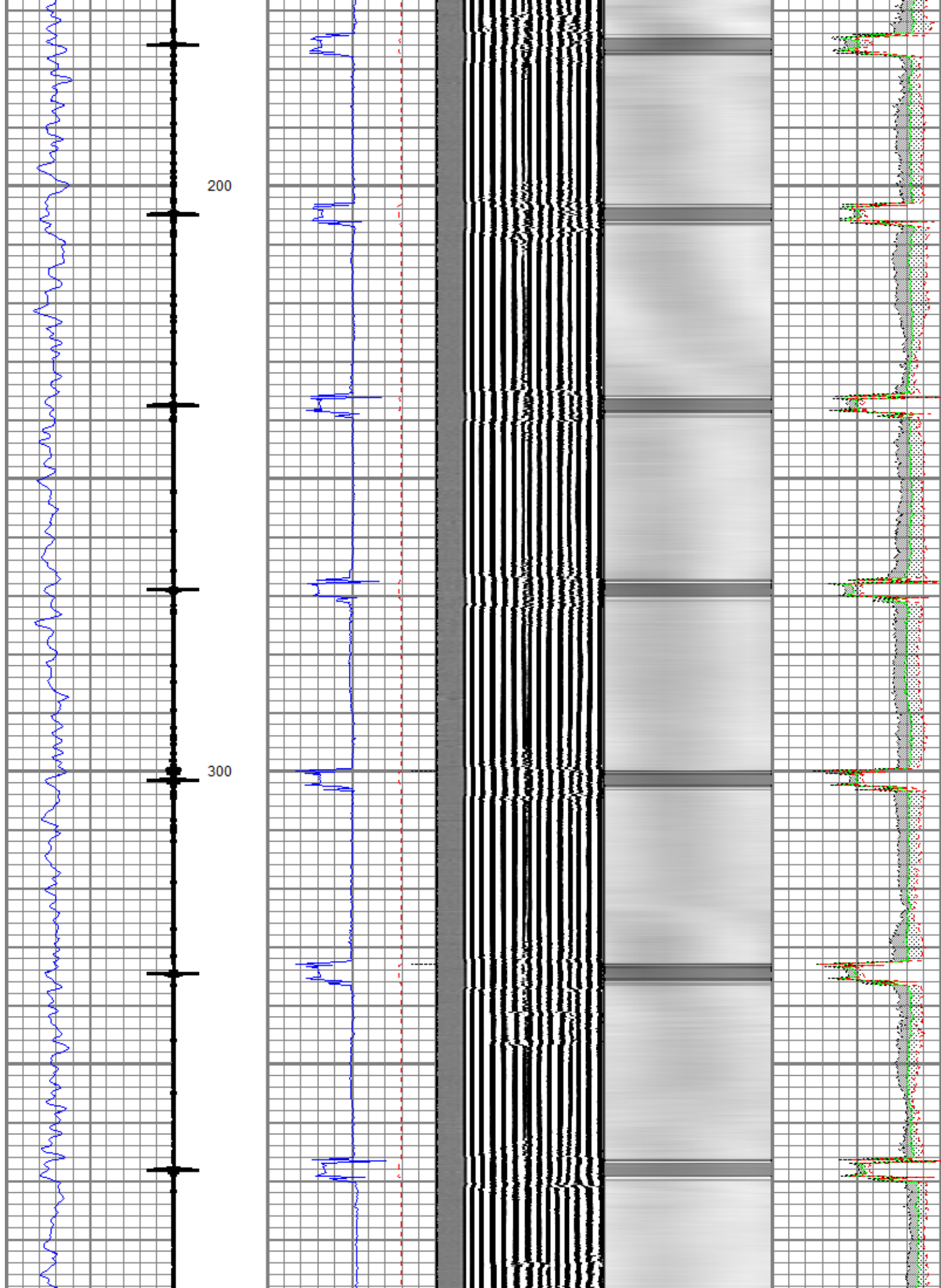
			UW_XTU-UW_XTU_002 (10012277) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
CCL	17.27		UW_CCL-UW_CCL_3_1_8 (10024819) UW 3-1/8" CCL	1.63	3.13	25.00
DSS	16.72					
			DSS #3 -2-3/4" (RAC.20.087SX) DSS 2-3/4" 5 Arm Centralizer W/ Sondex Ends	2.55	2.75	
UW_RBT	14.17					
WVFS3FT	9.83					
WVFS1	9.83		UW_RBT-UW_RBT_004 (10012639) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS2	9.83					
WVFS3	9.83					
WVFS4	9.83					
WVFS5	9.83					
WVFS6	9.83					
WVFS7	9.83					
WVFS8	9.83					
CBLTEMP	9.83					
CBLROT	9.83					
WVFS5FT	8.83					
DSS	4.70					
			DSS-2-3/4" (RAC.20.085SX) DSS 2-3/4" 5 Arm Centralizer W/ Sondex Ends	2.55	2.75	
GR	0.72					
UW_BUL	0.22		UW_PGR-UW_PGR_020 (10019371) Production Gamma Ray	1.93	1.69	9.50
TSTAMP	0.00					
ITEMPX	0.00		UW_BUL-UW_BUL_006 (10019728) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
HVOLTX	0.00					
Dataset: mc102015.db: field/well/run1/main Total Length: 21.17 ft Total Weight: 187.20 lb O.D. 3.13 in						

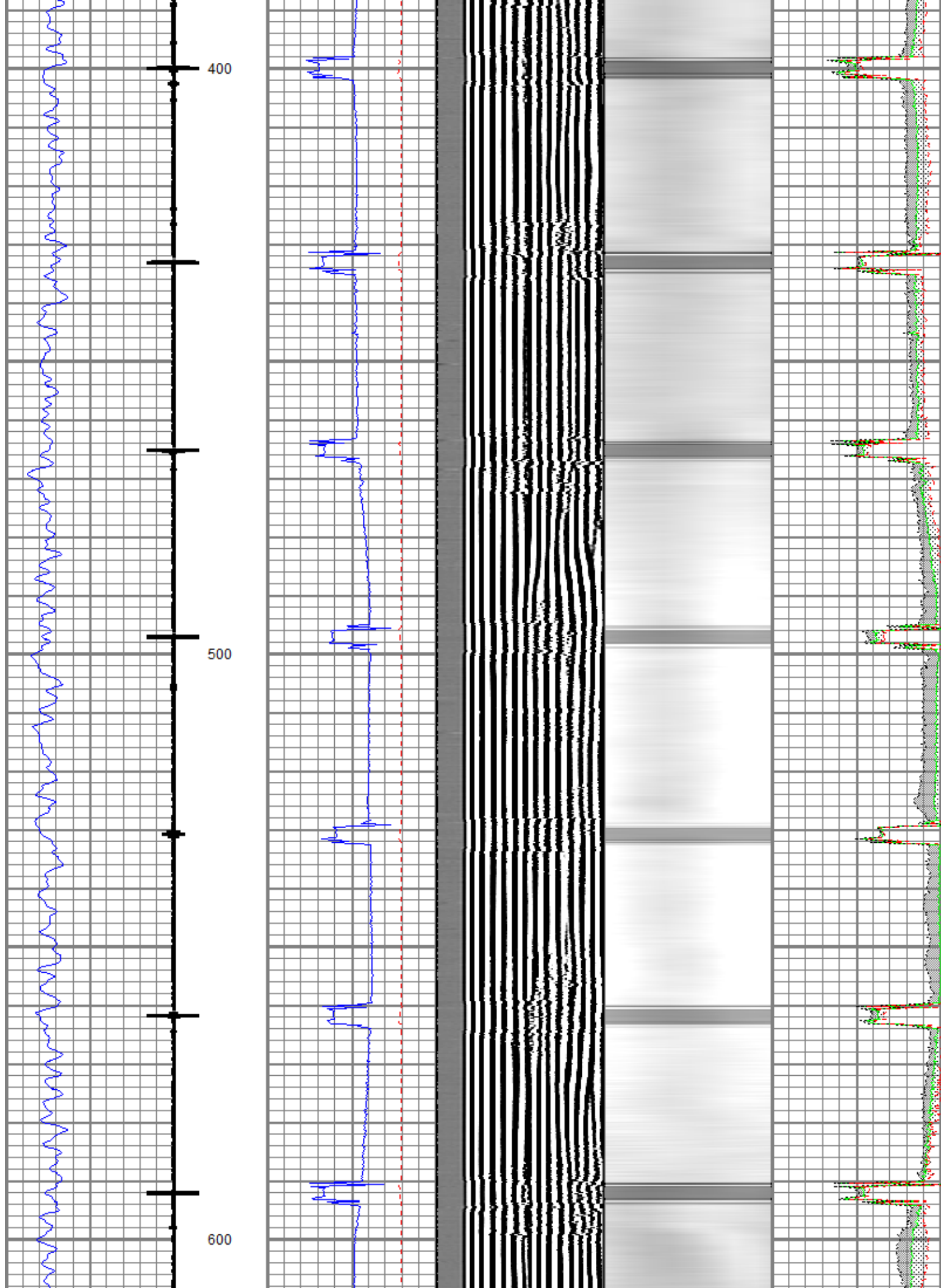
Main Pass

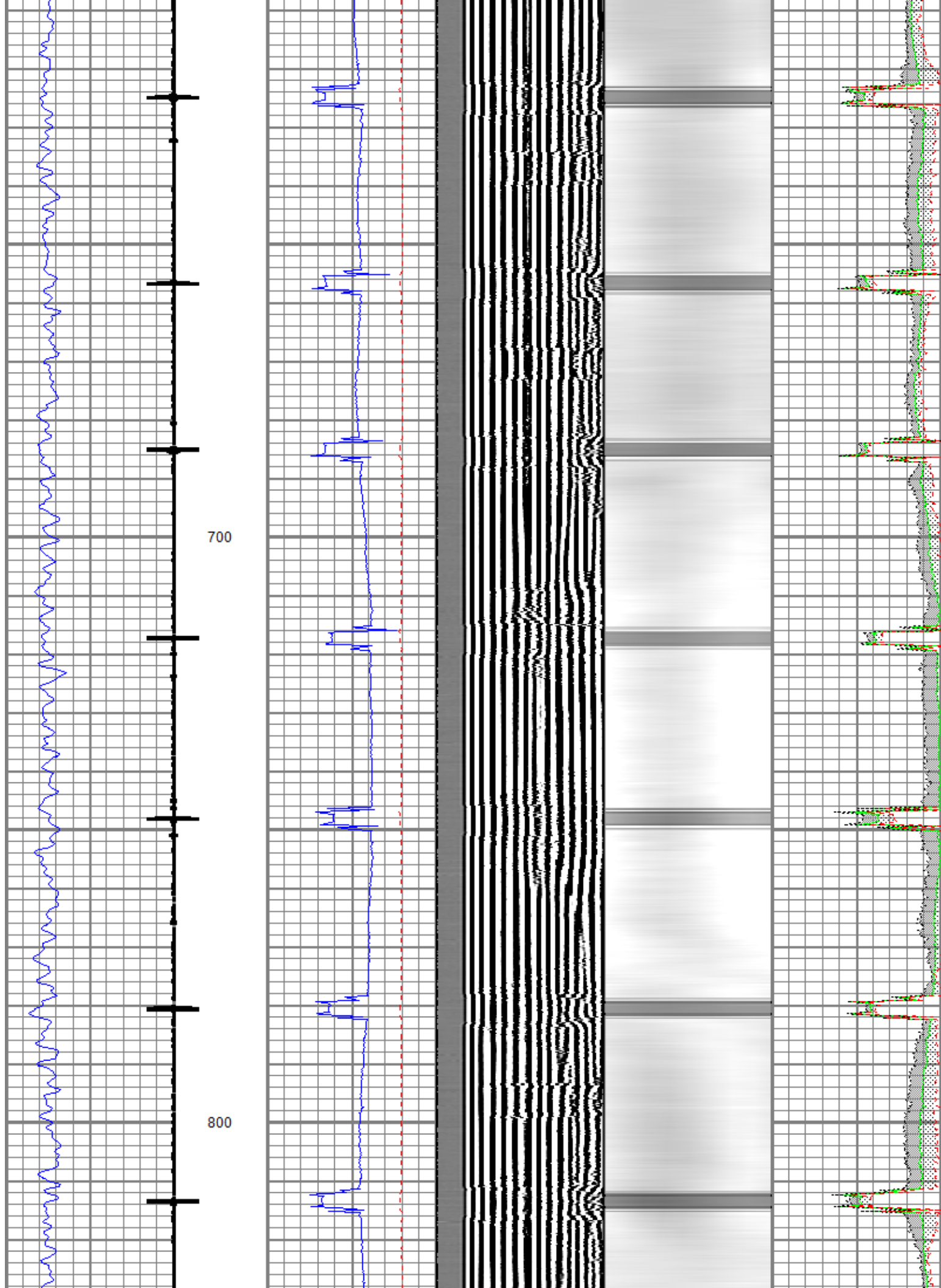
Database File: mc102015.db
 Dataset Pathname: main
 Presentation Format: rbt007
 Dataset Creation: Tue Oct 20 11:31:02 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

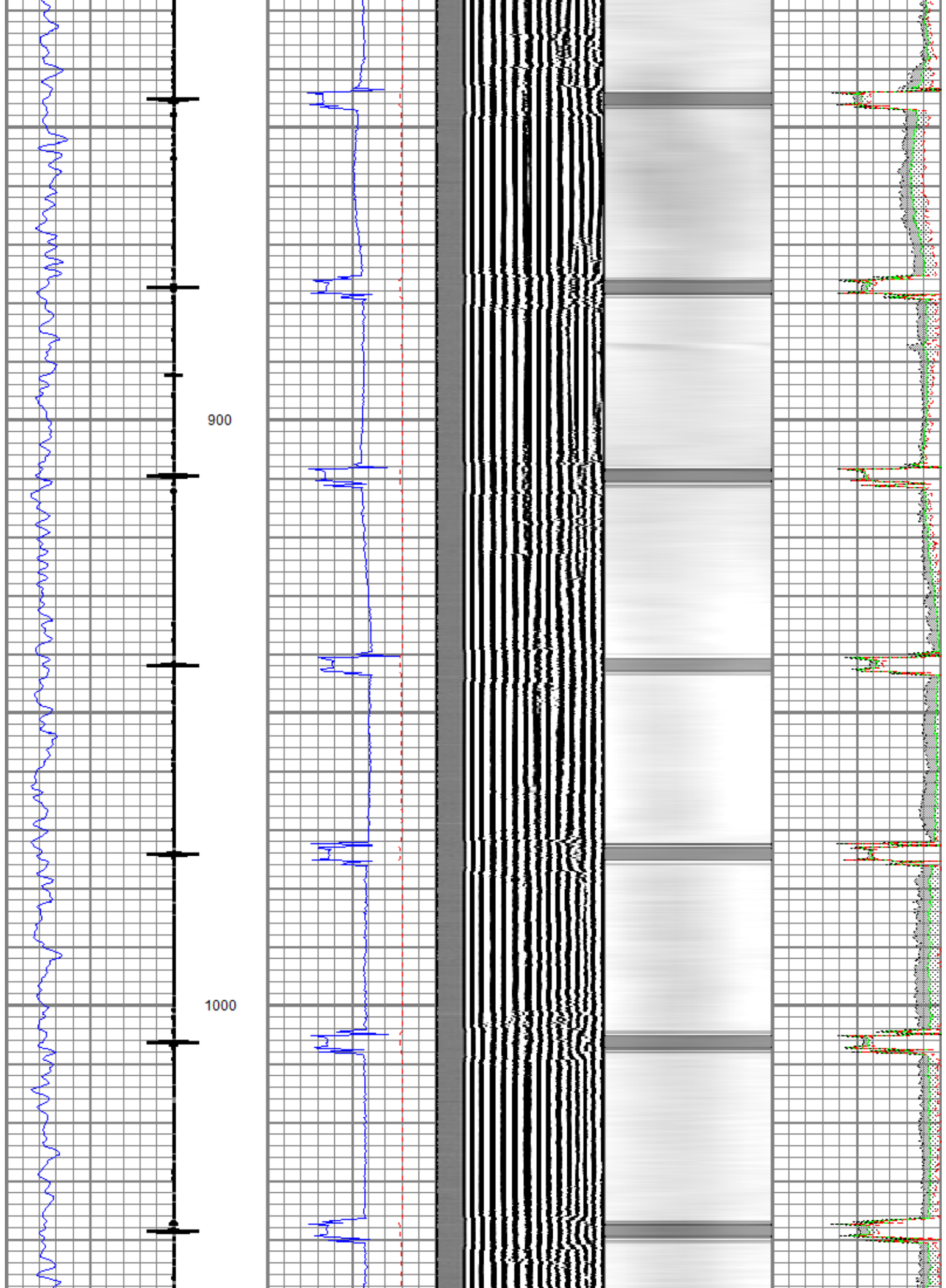
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	Average Amplitude
(GAPI)	150	3' Amplitude x 5	200	1200		0
Collar Locator		(mV)	20			100
		3' Travel Time				Minimum Amplitude
		650 (usec)	150			0
						100
						Maximum Amplitude
						0
						100

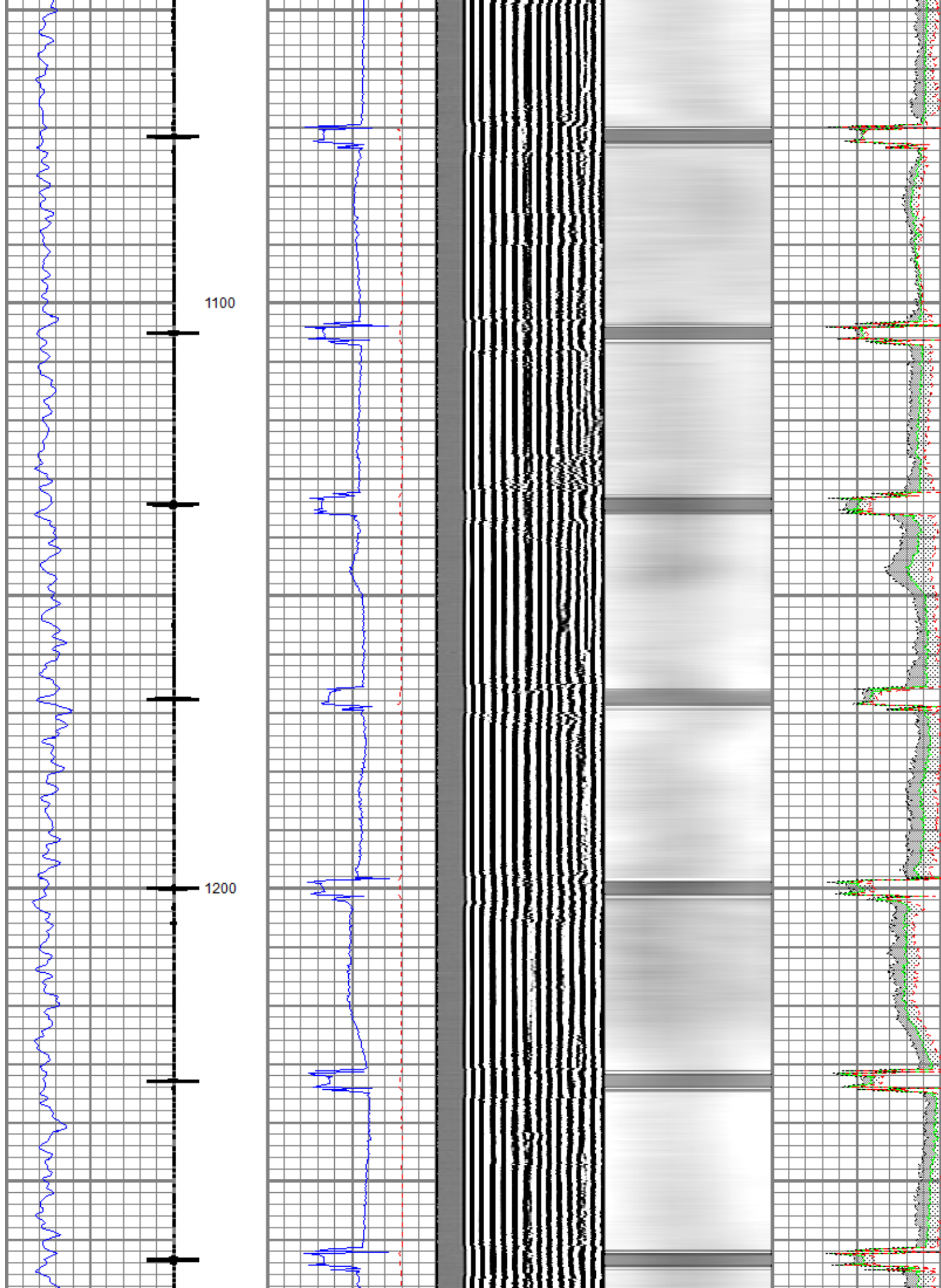


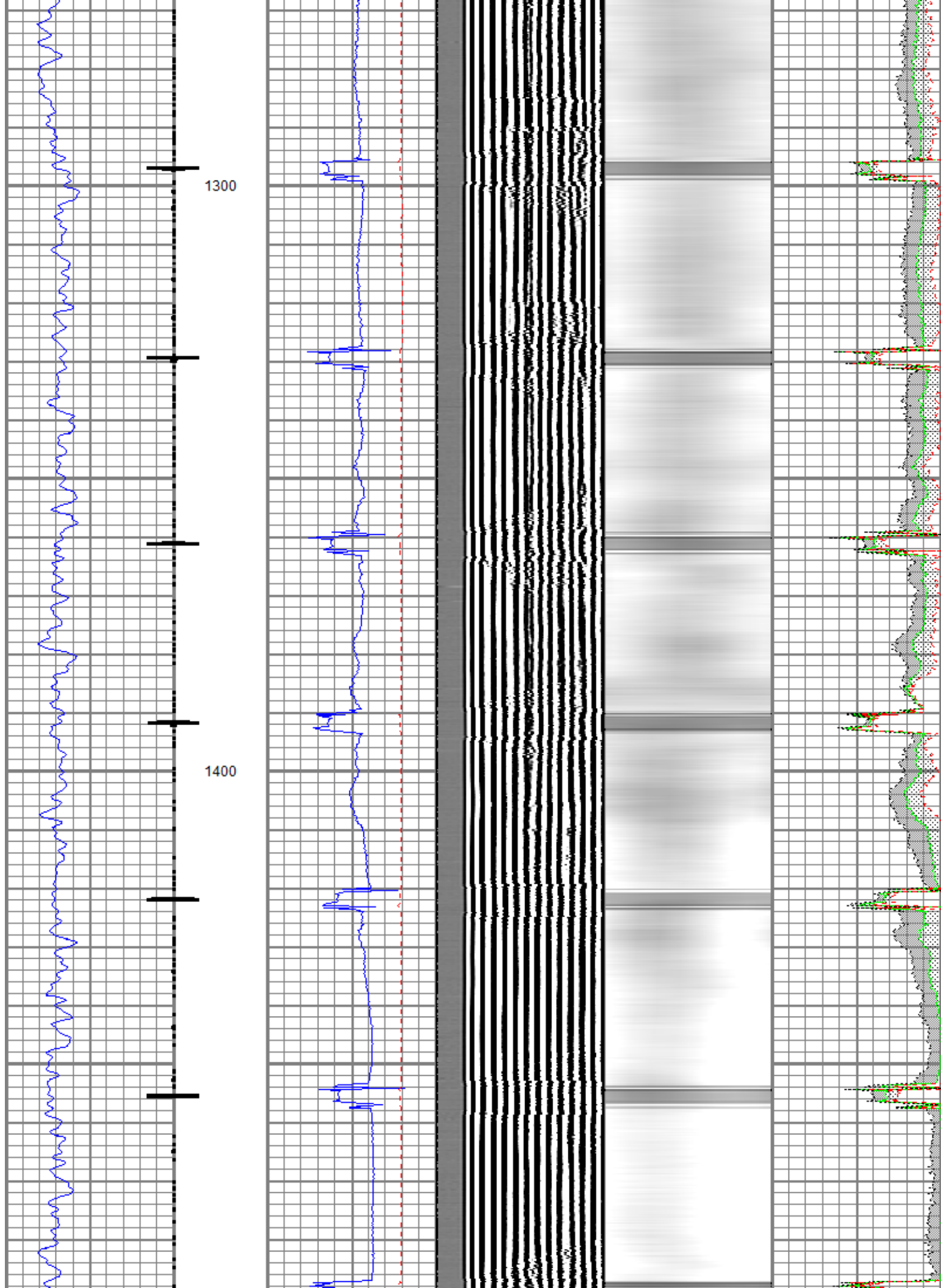


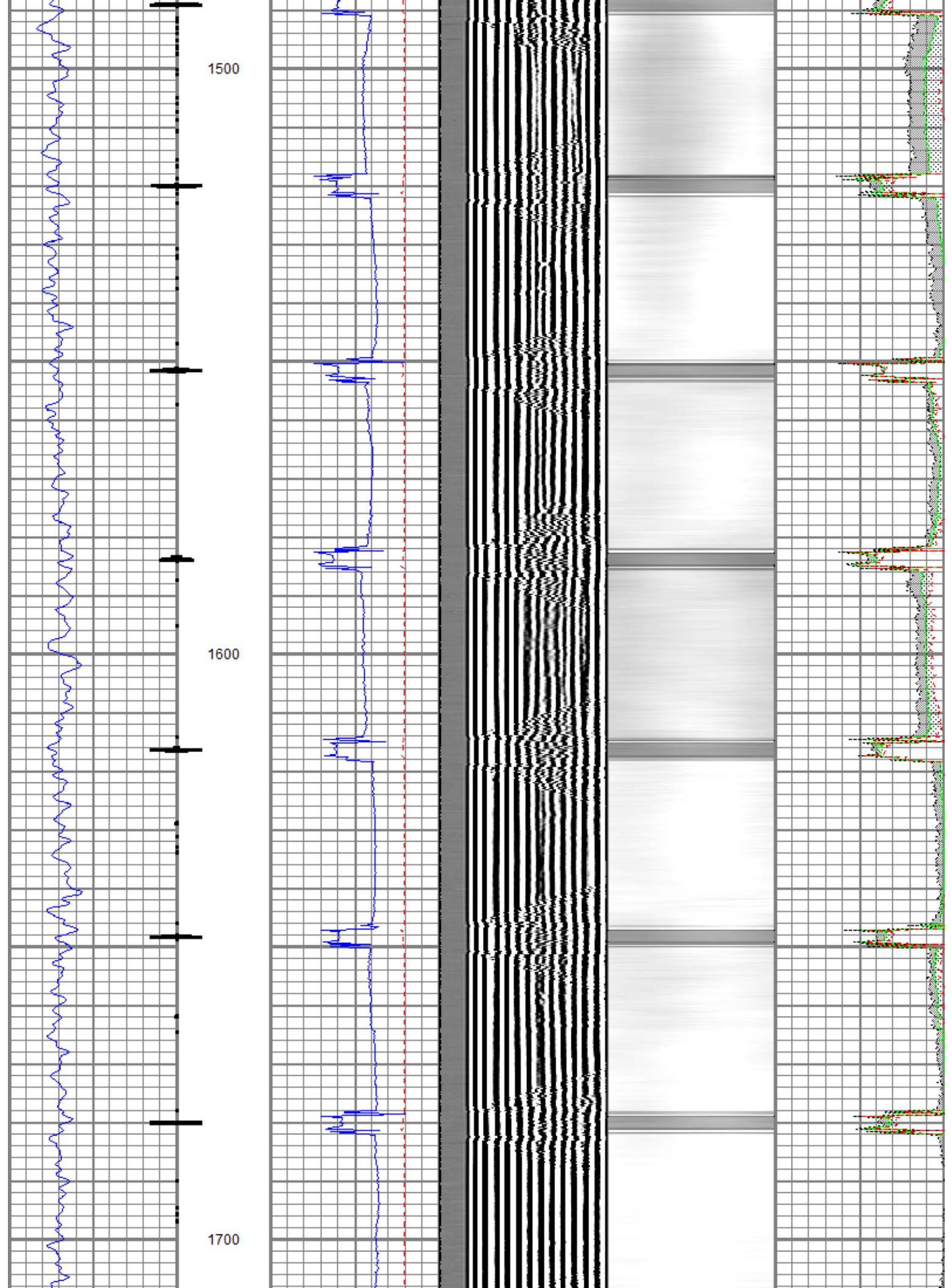


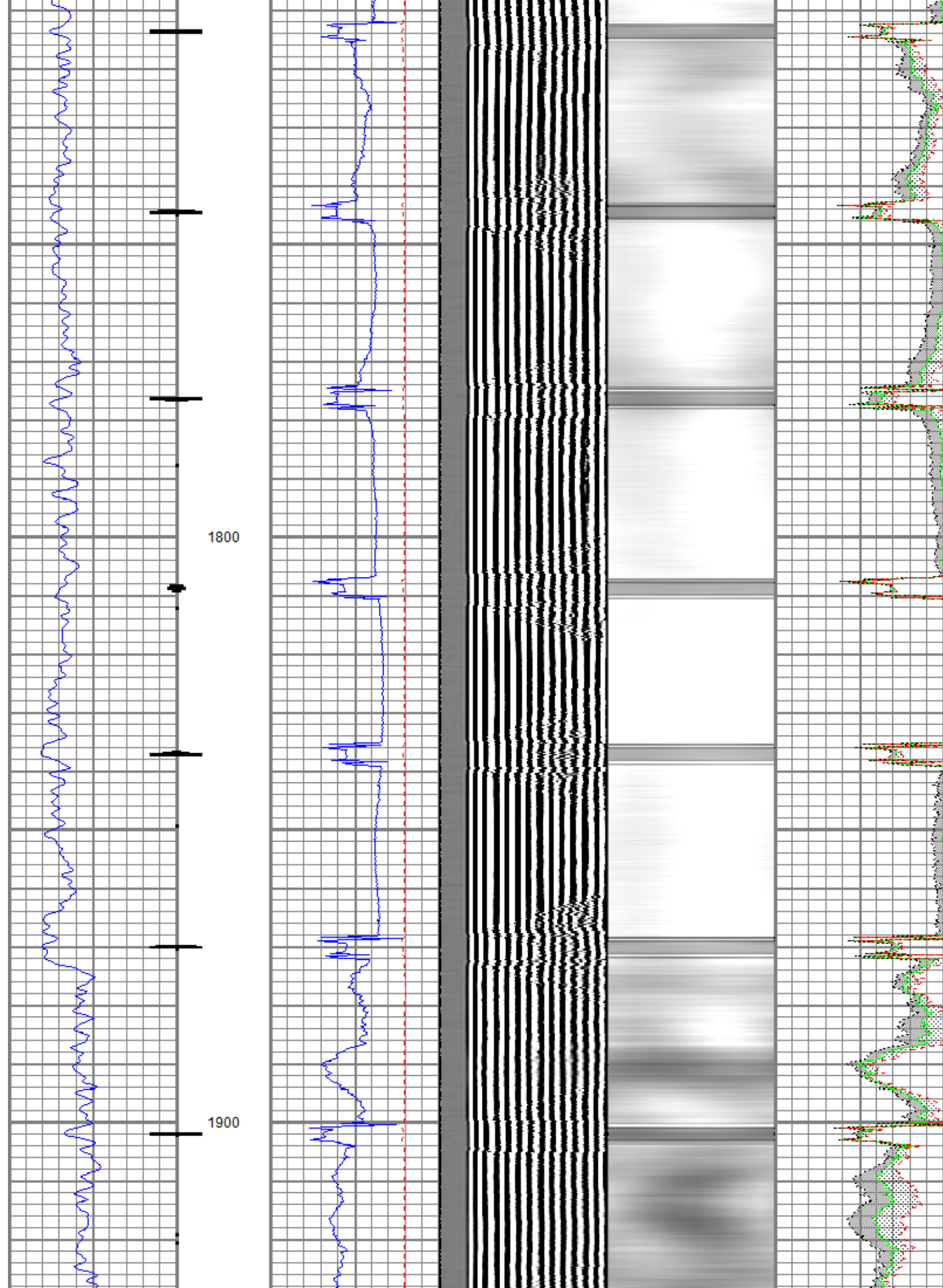


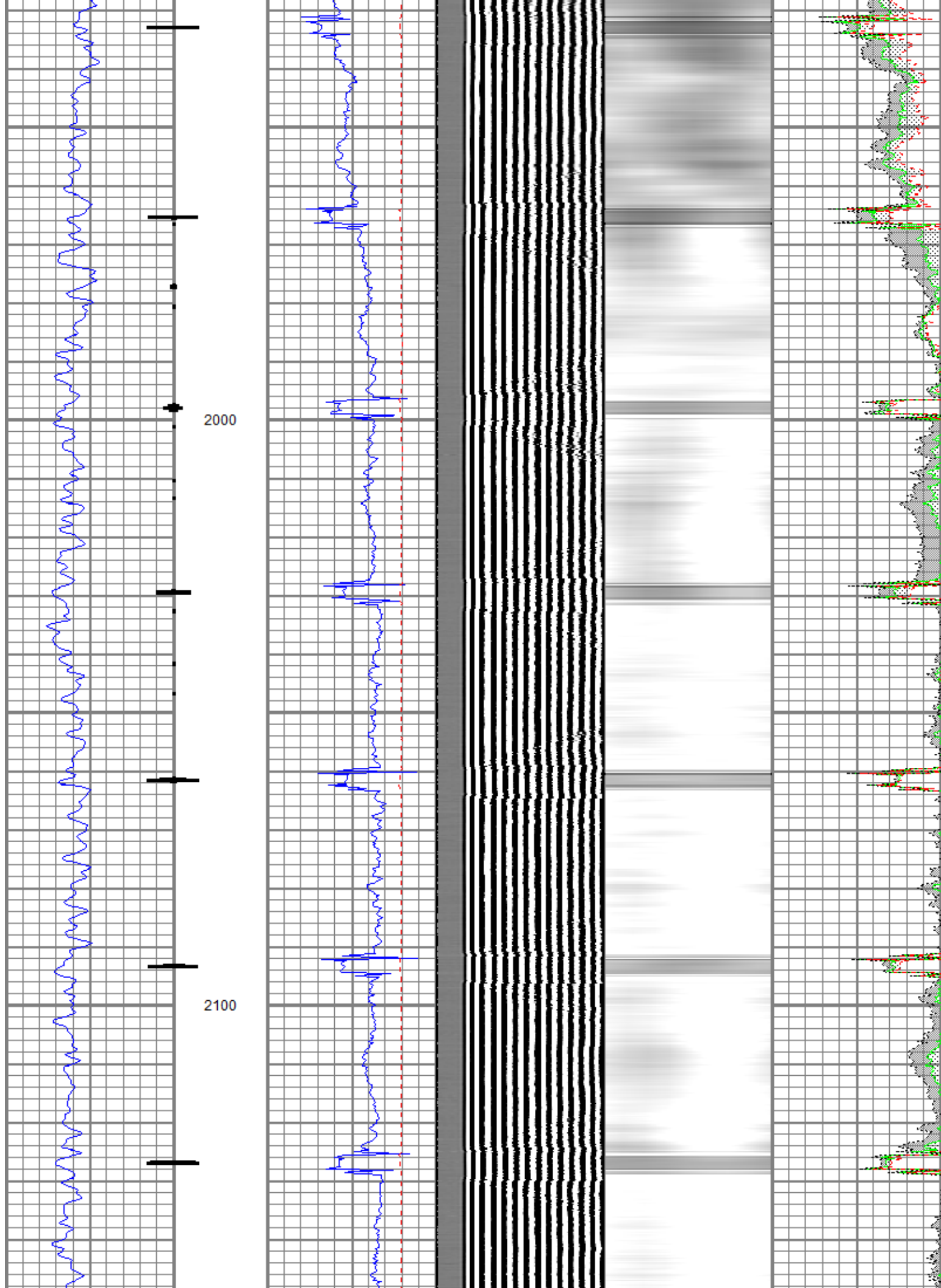


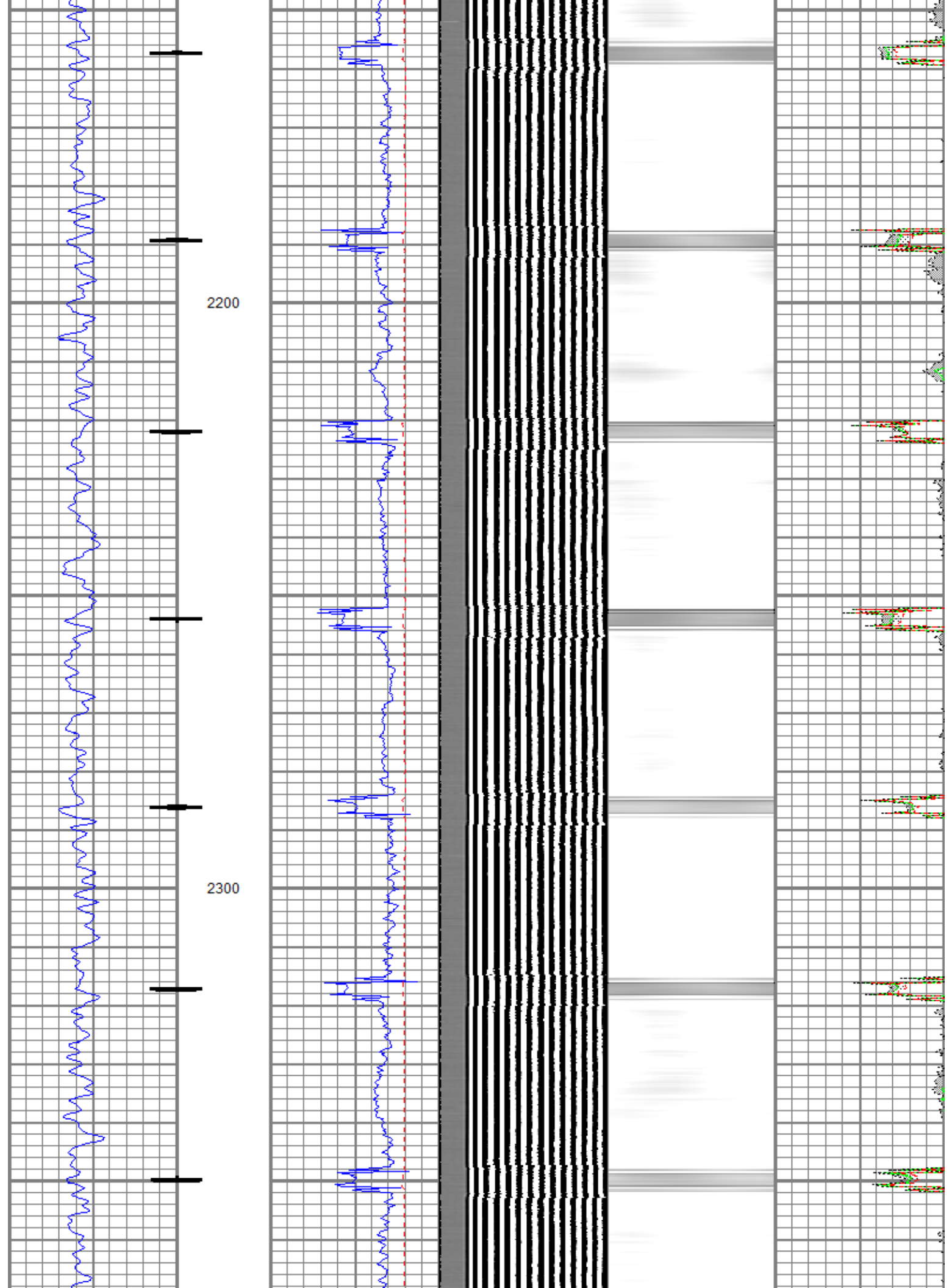


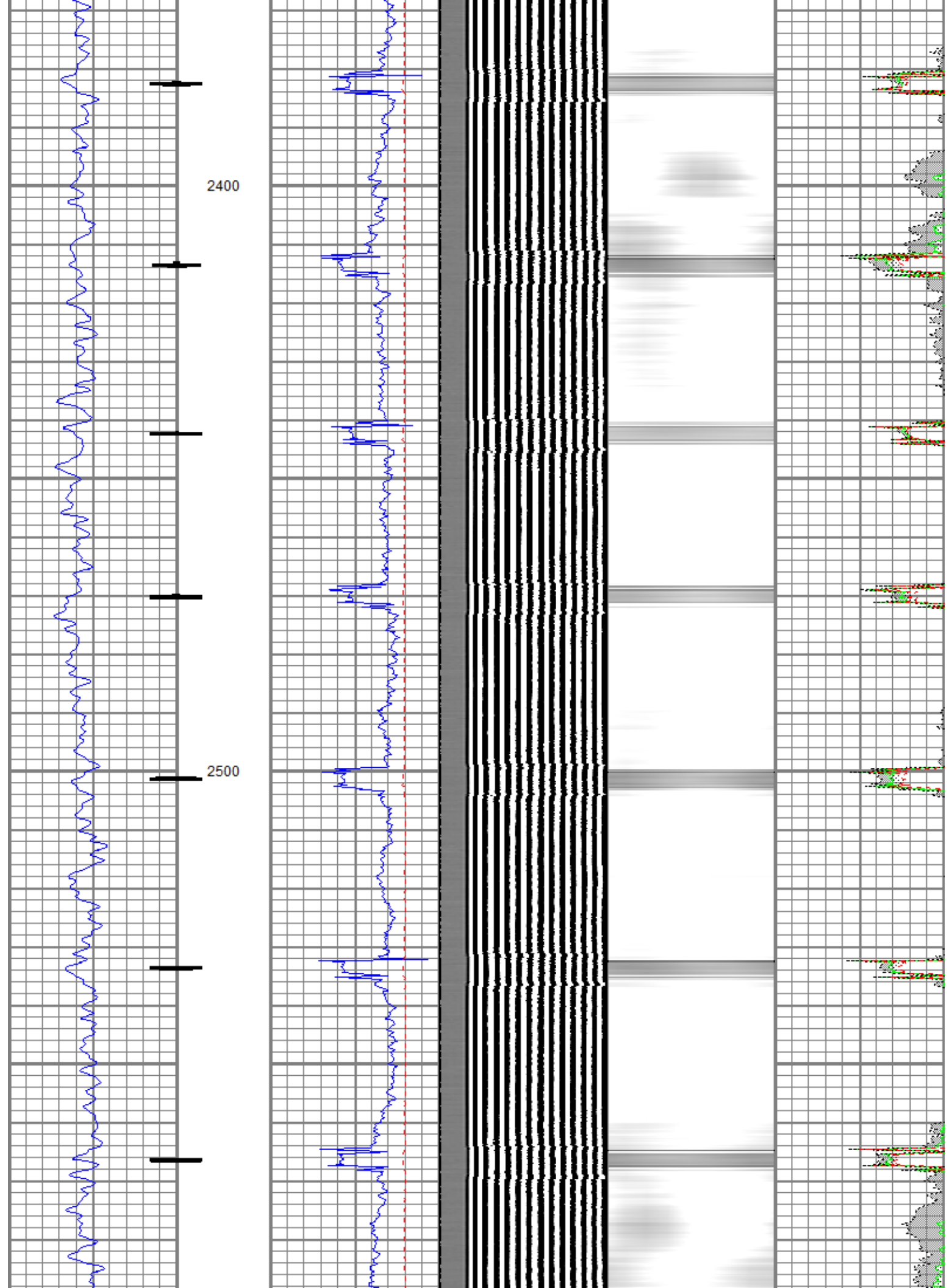


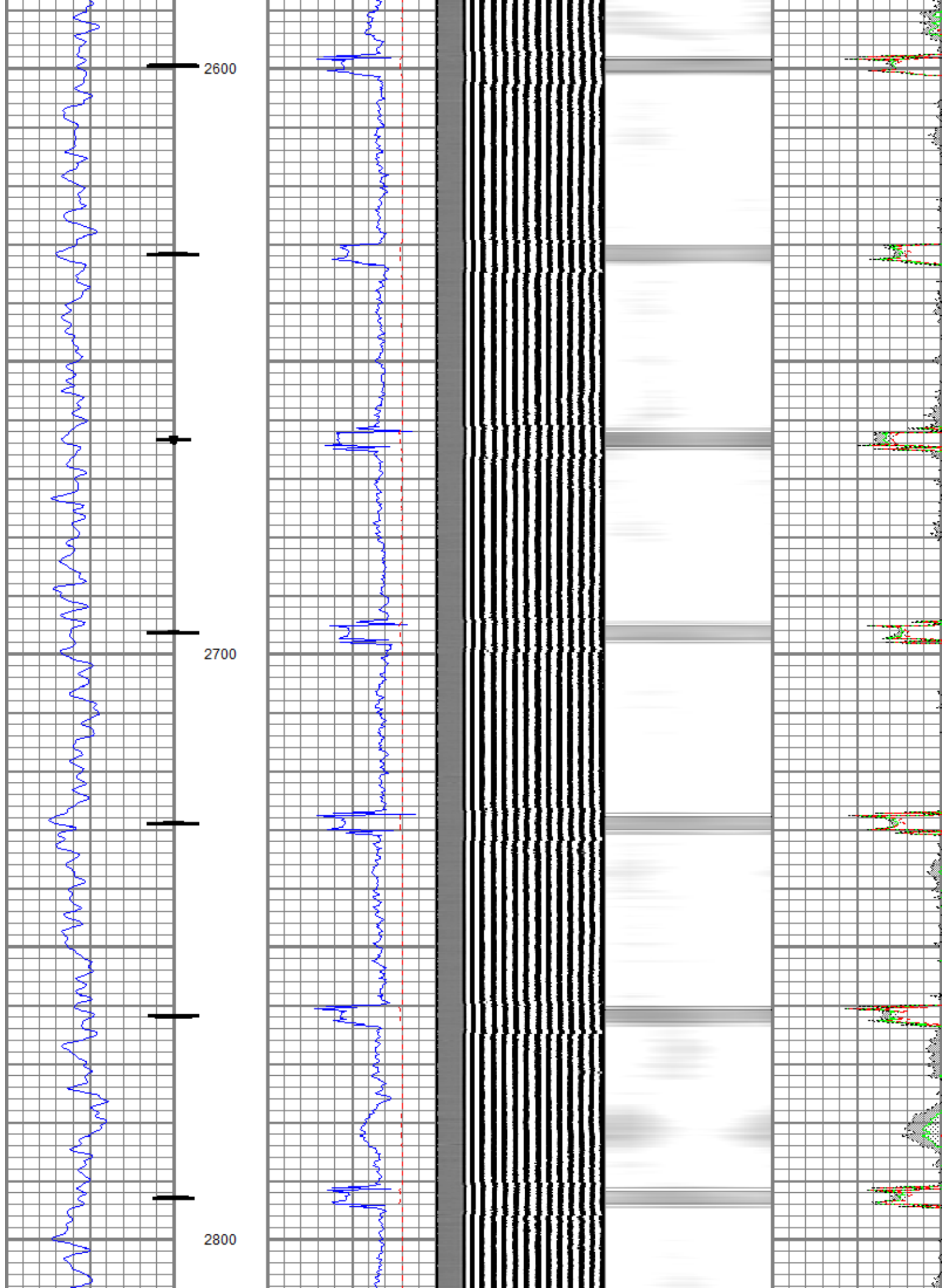


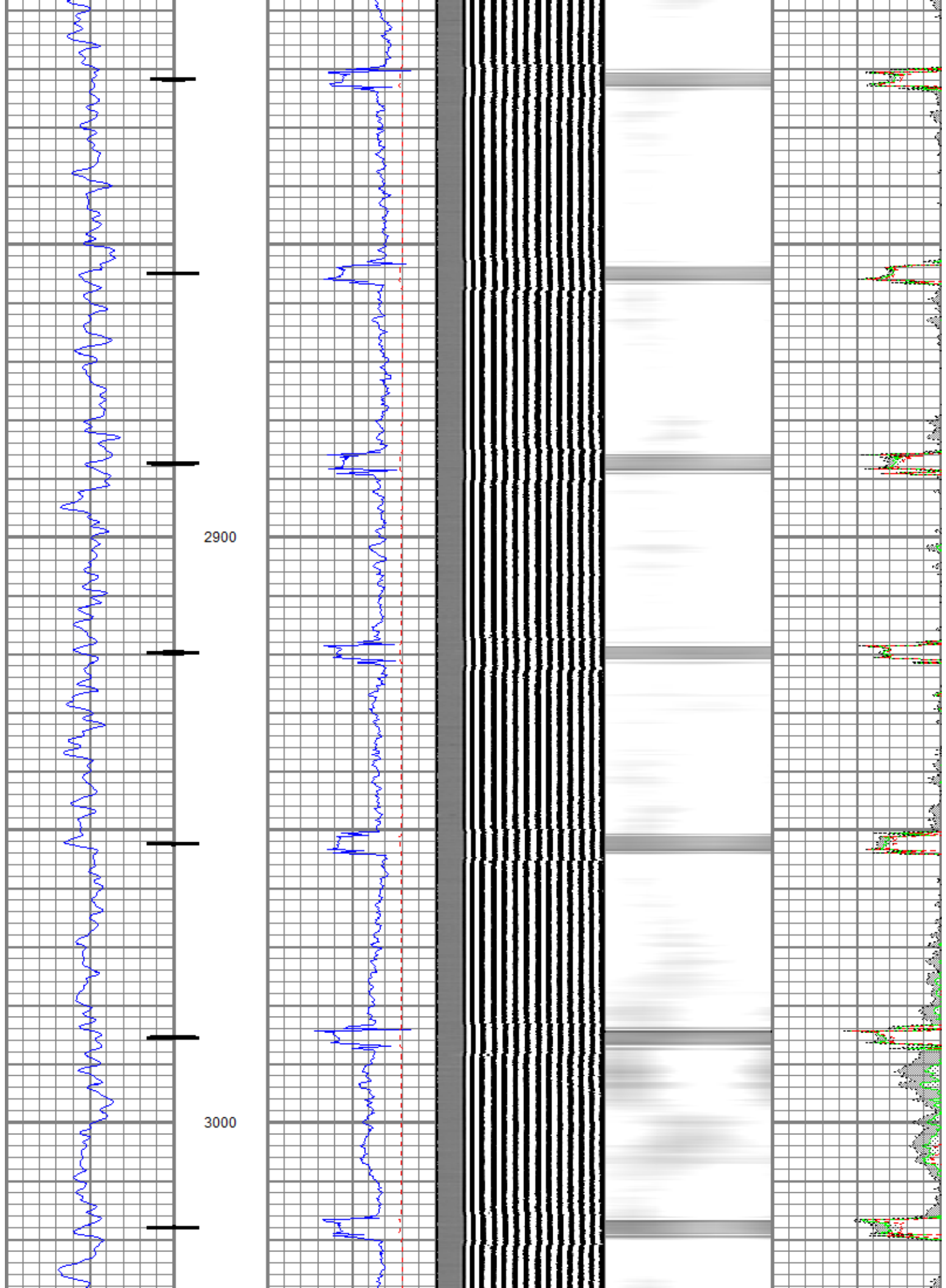


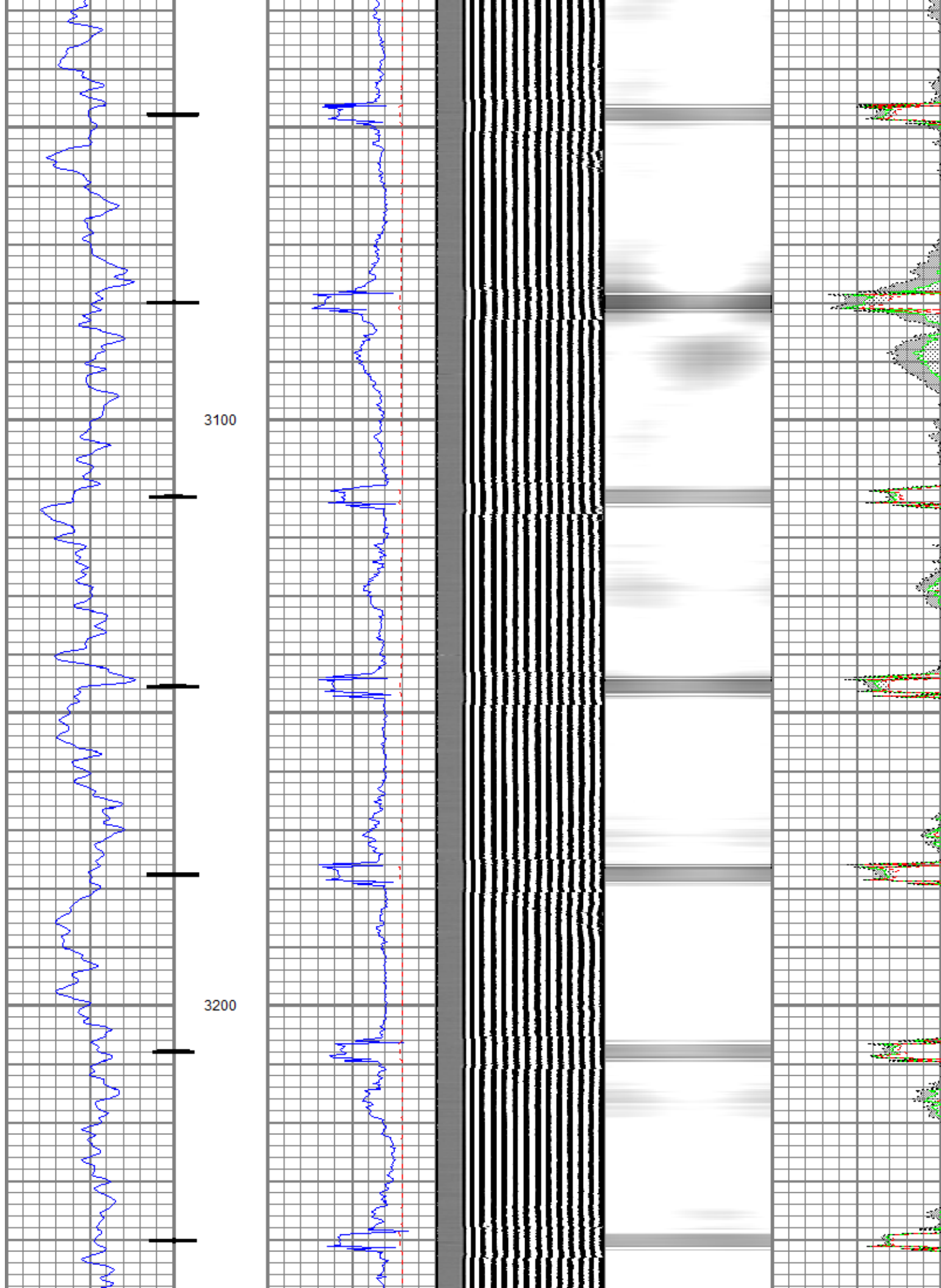


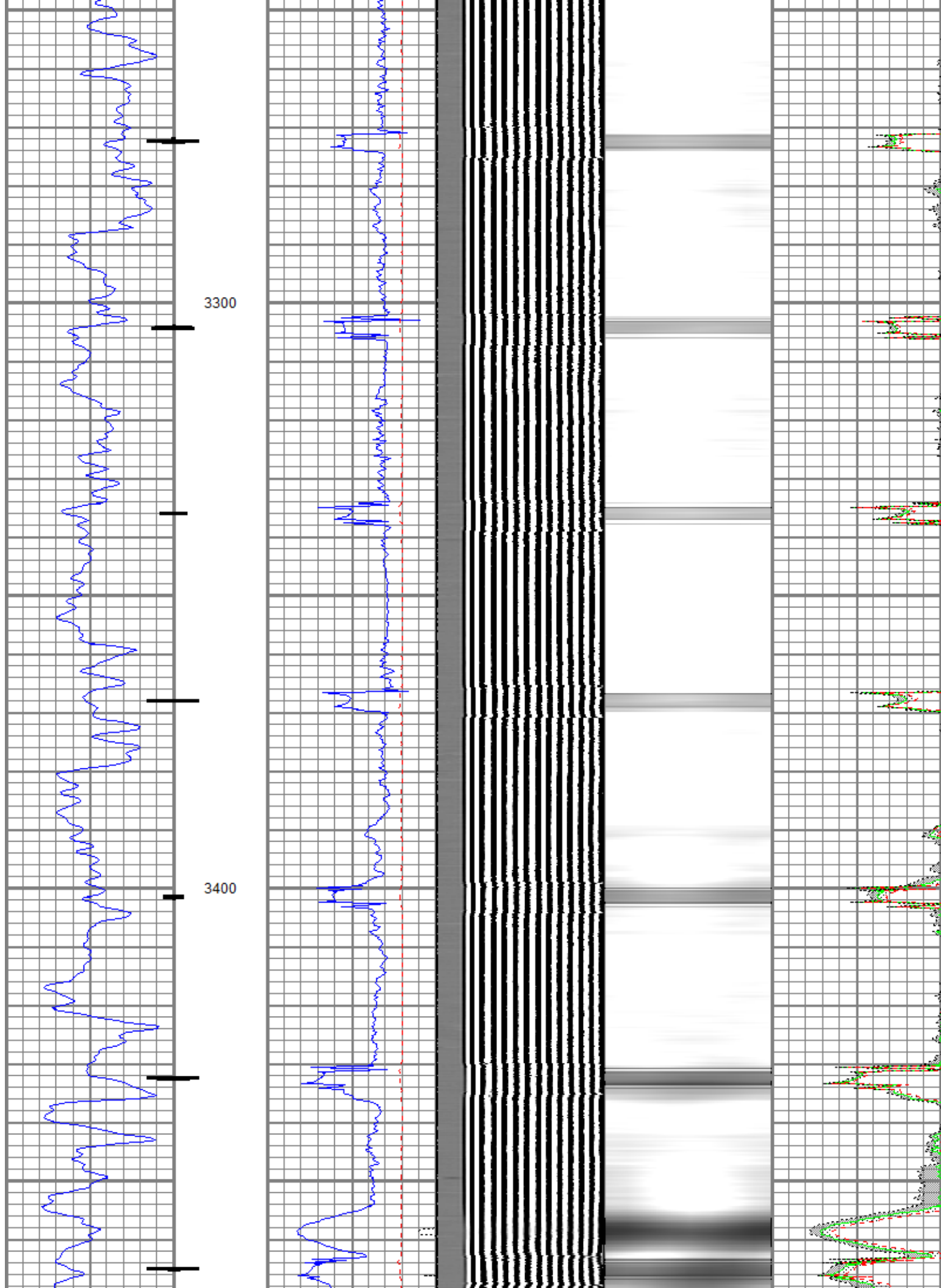


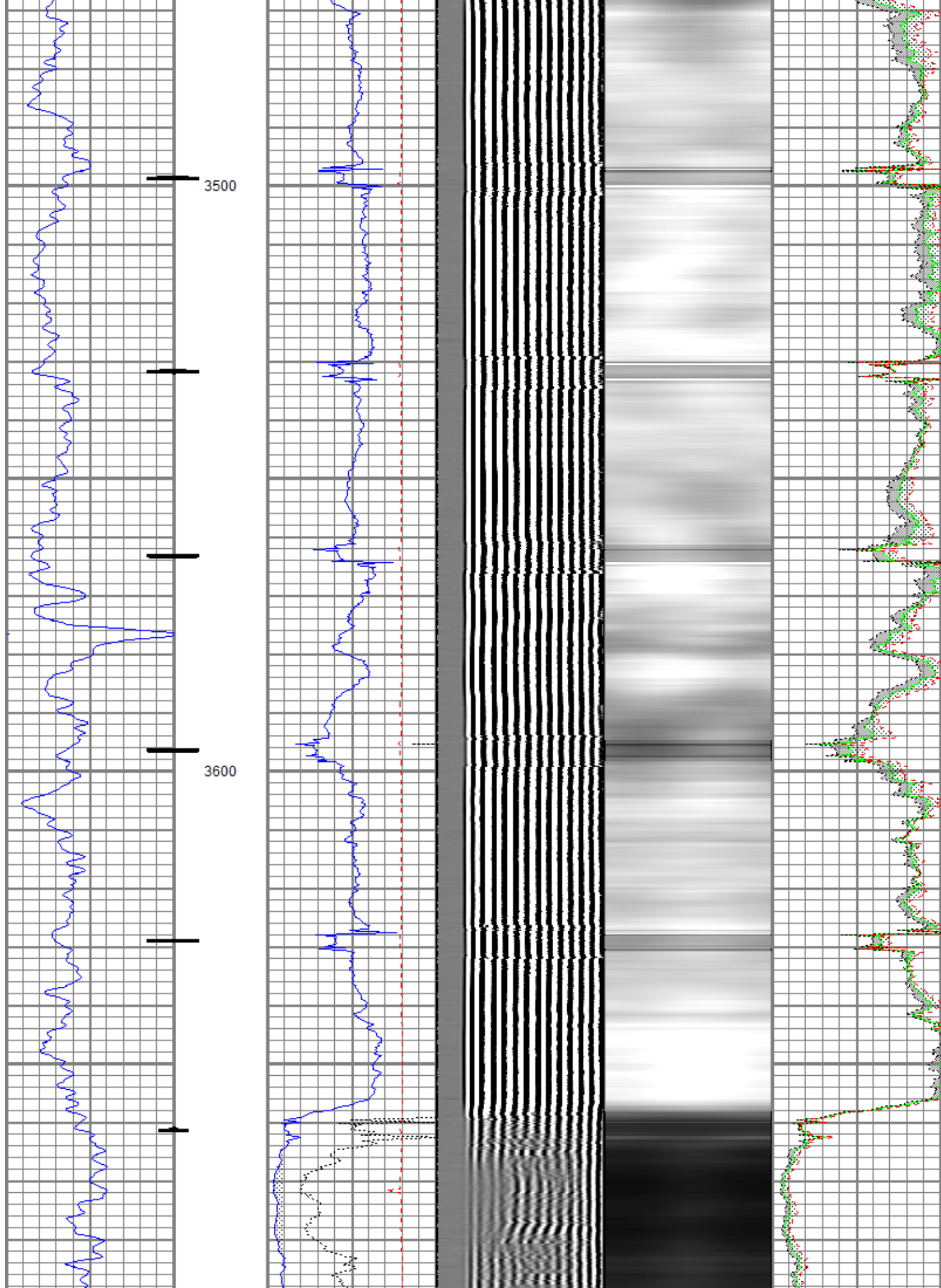


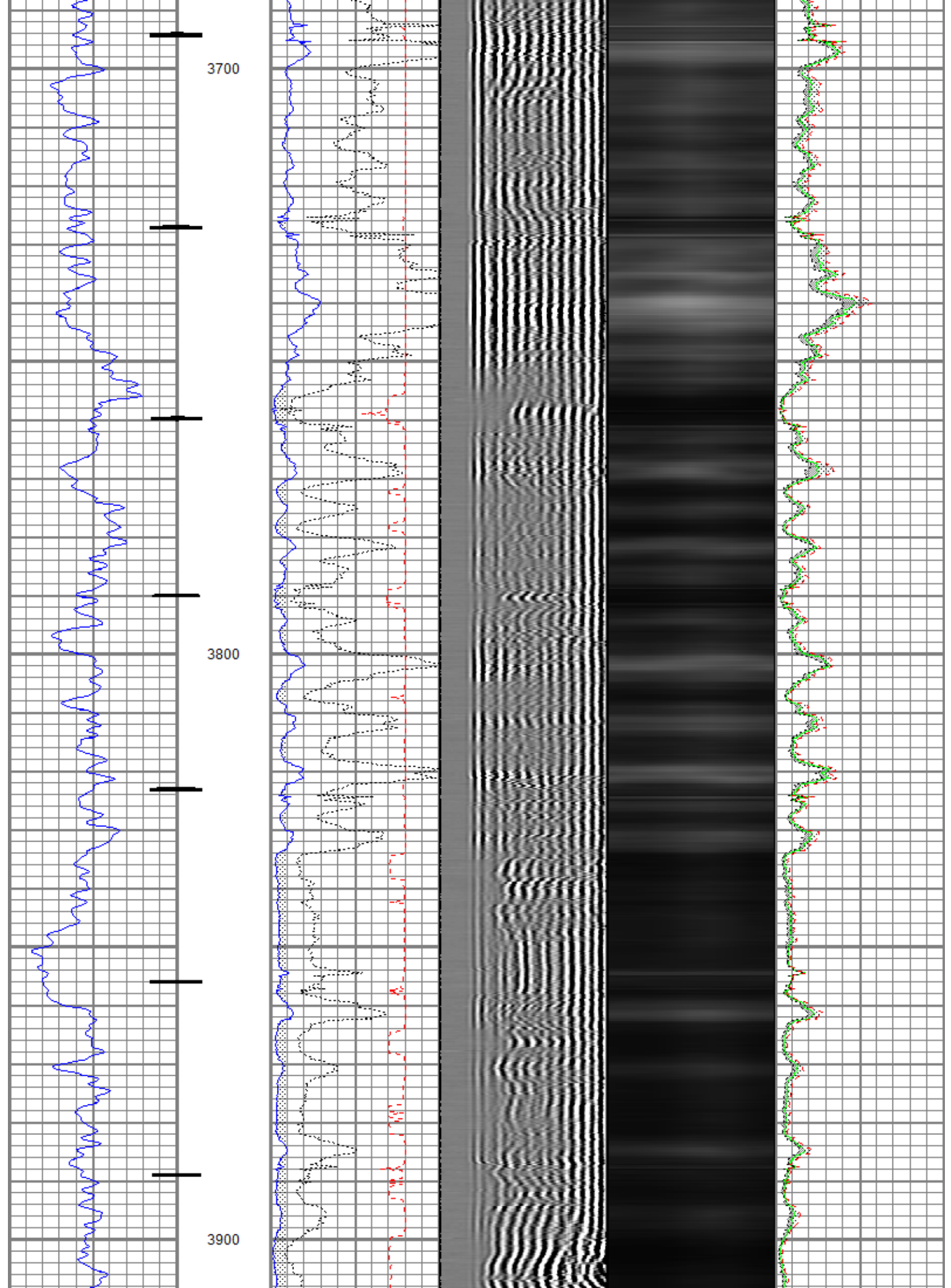


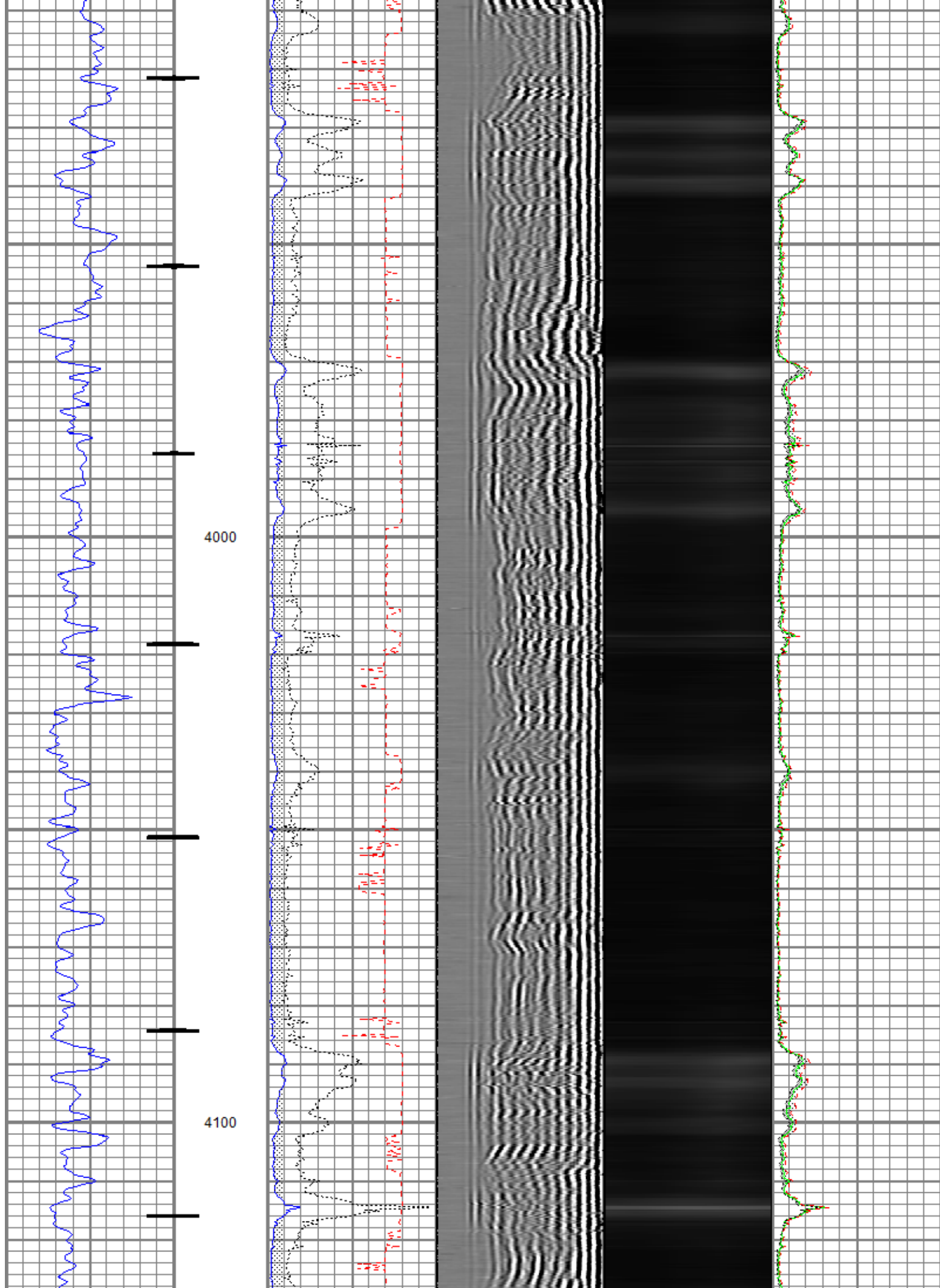


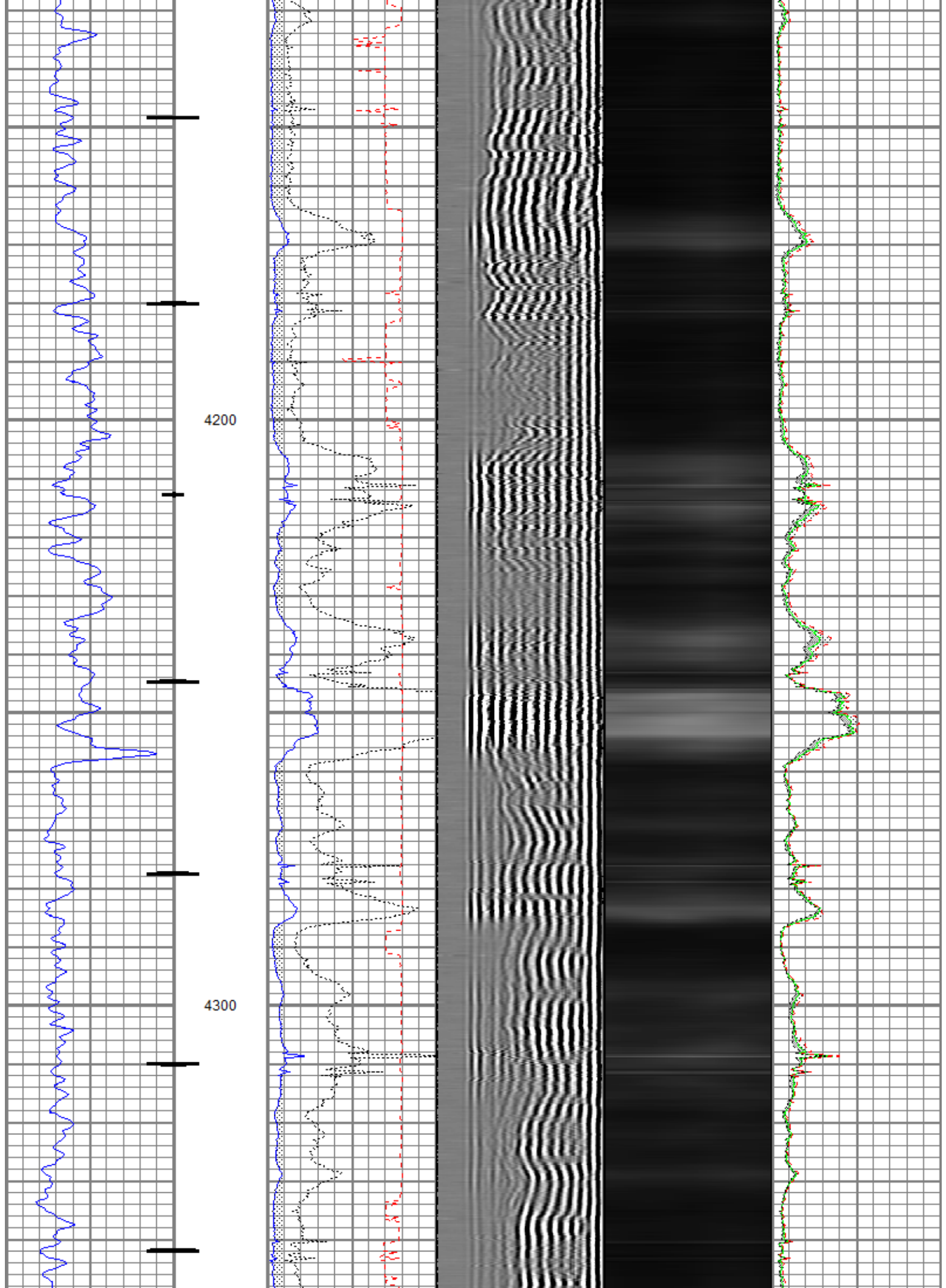


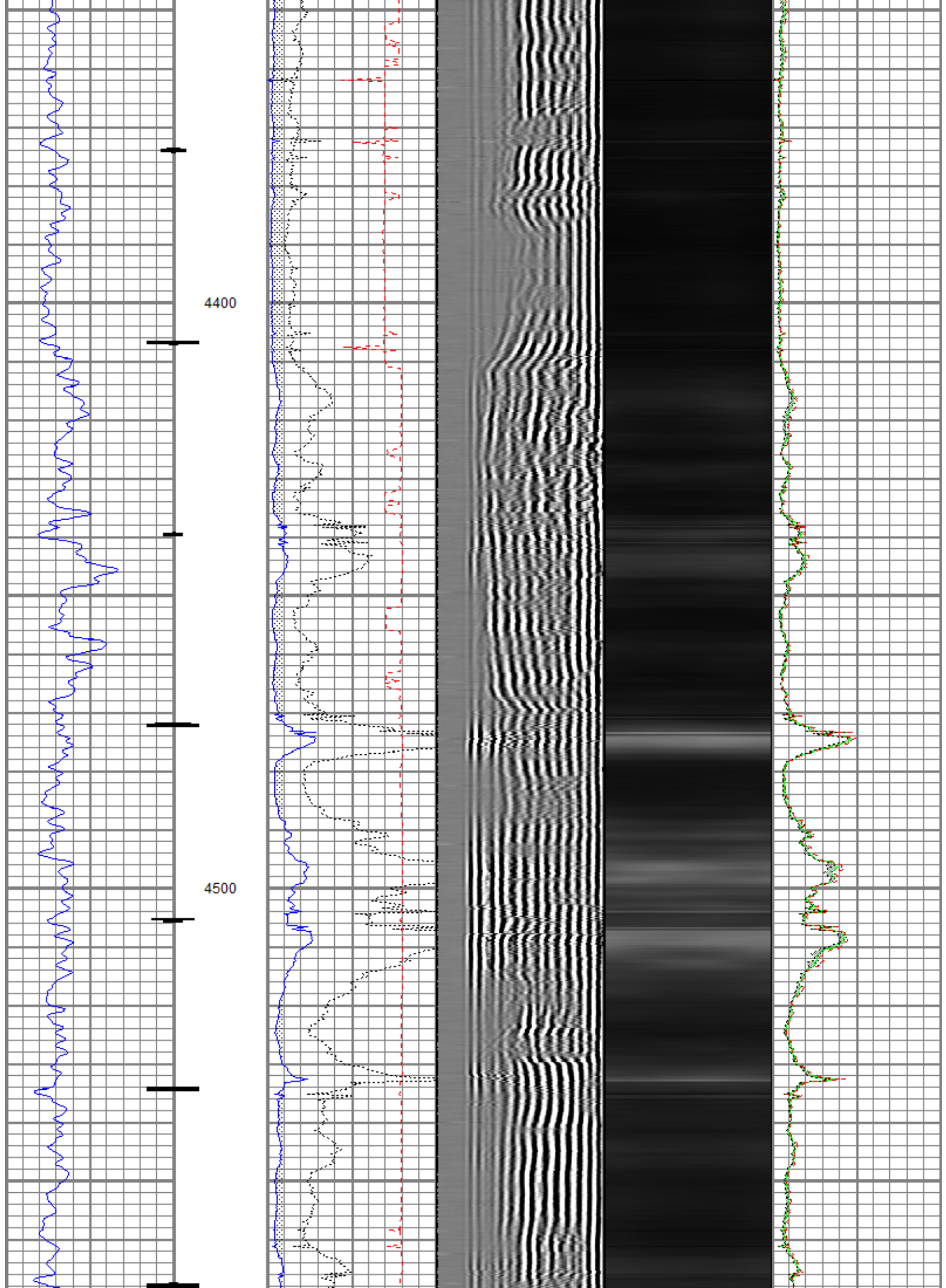


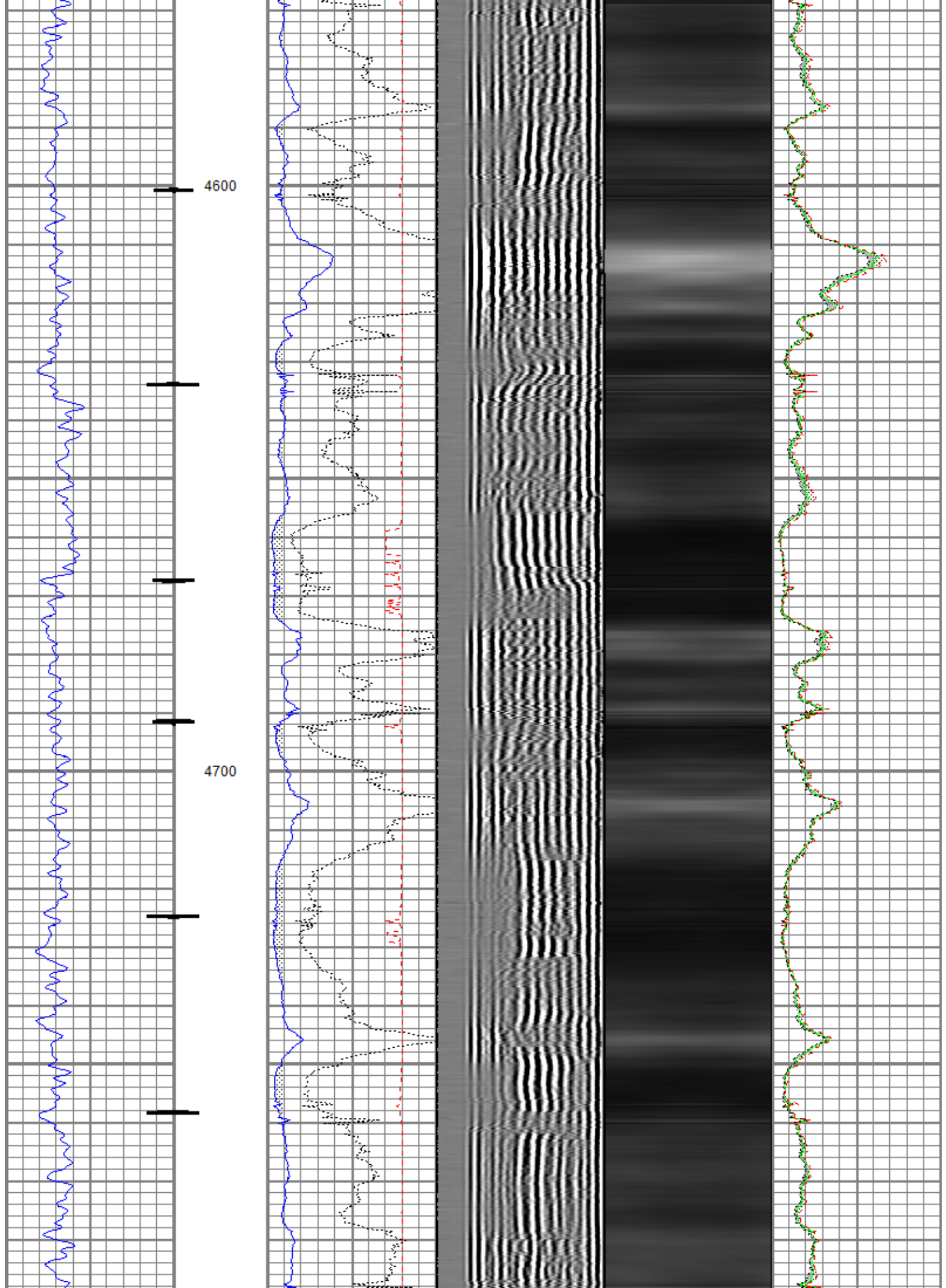


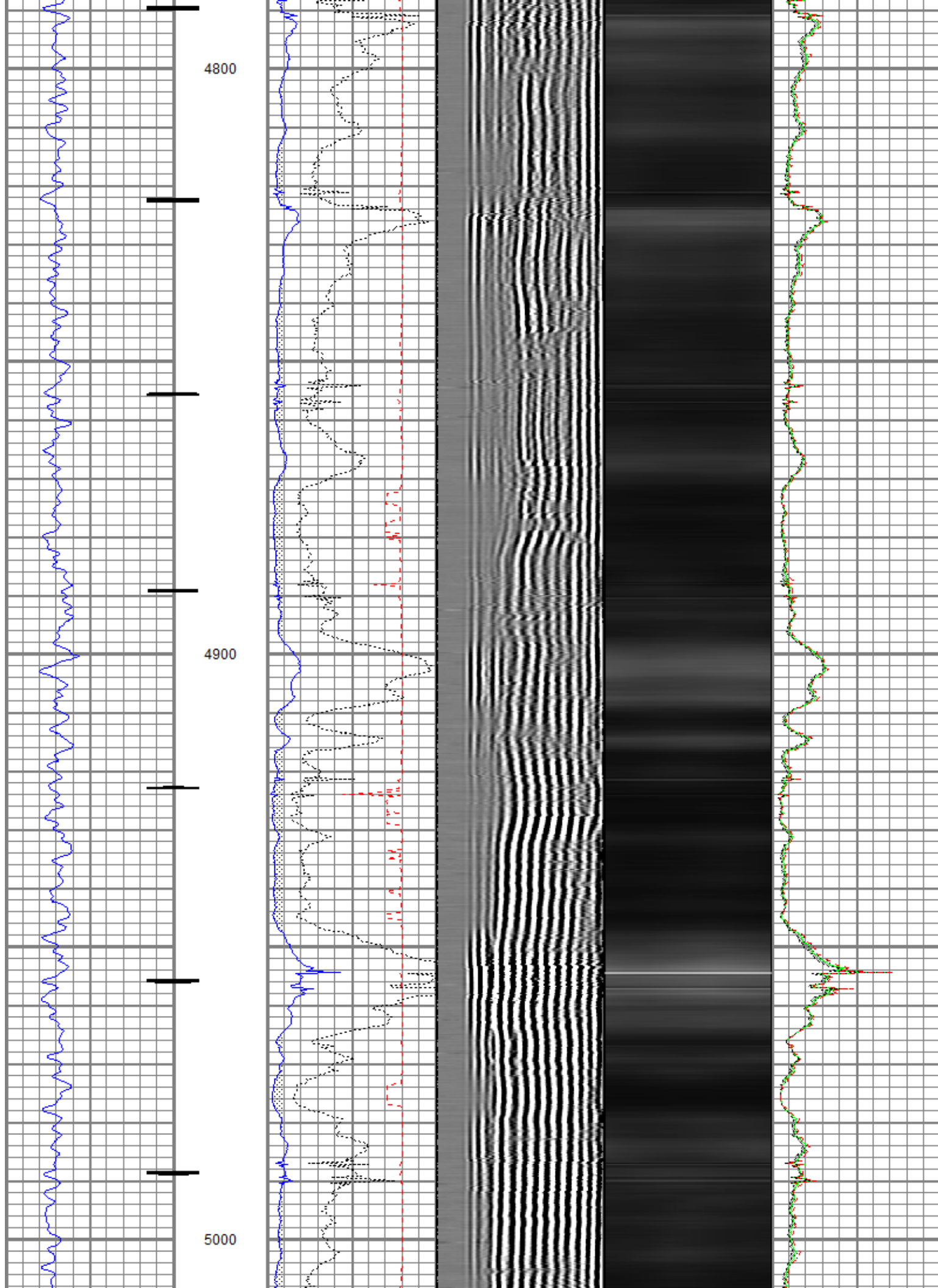


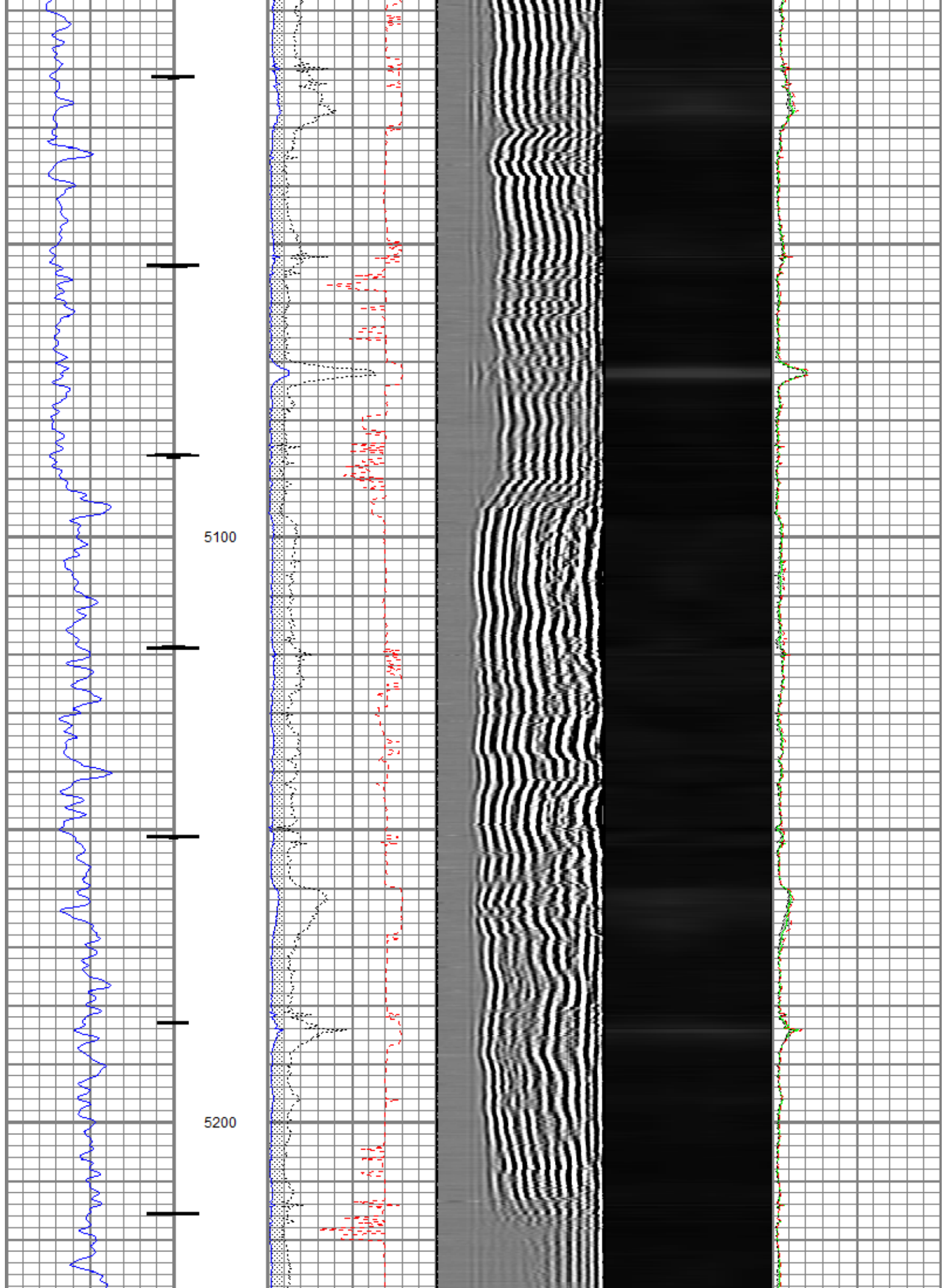


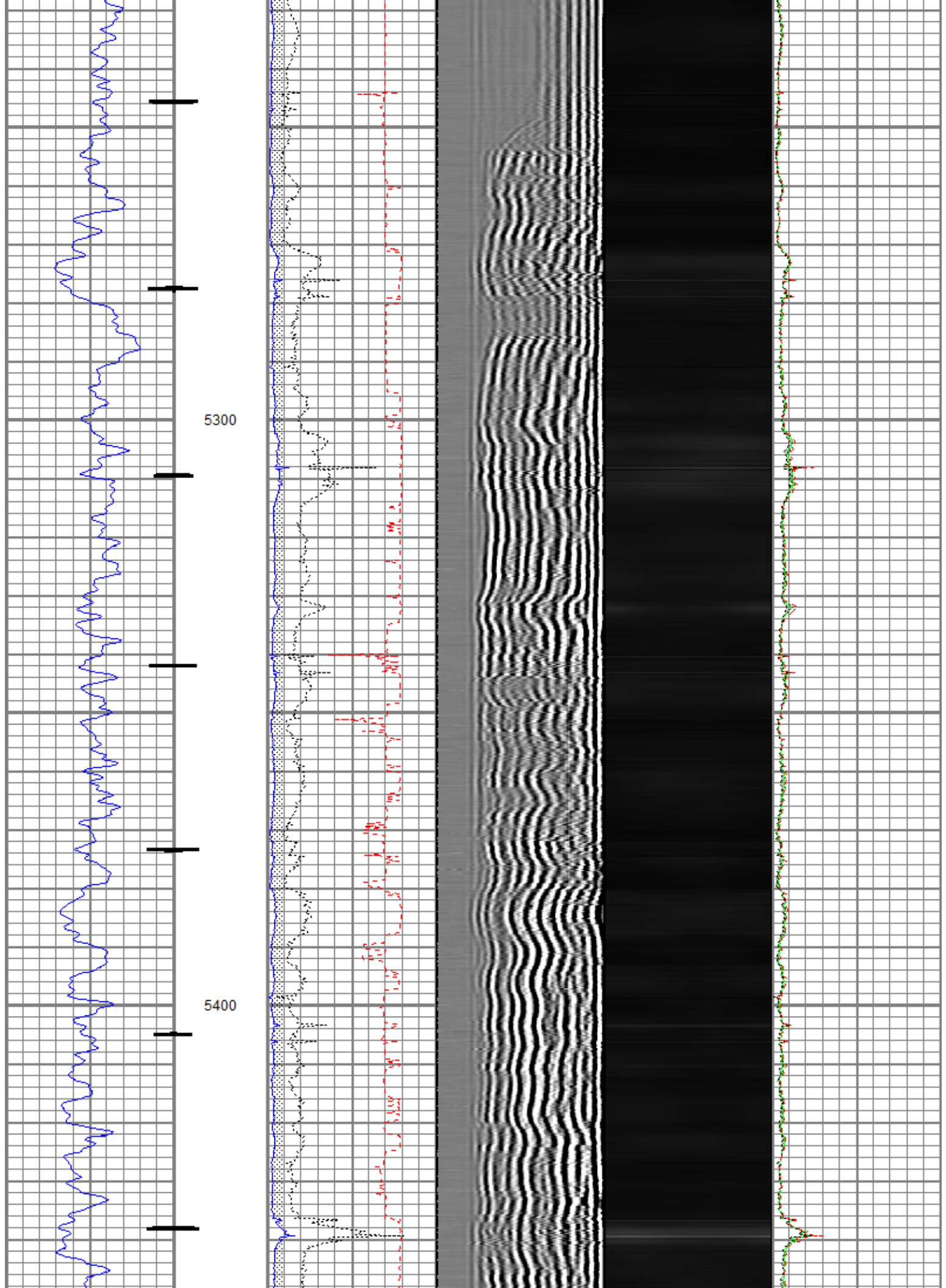


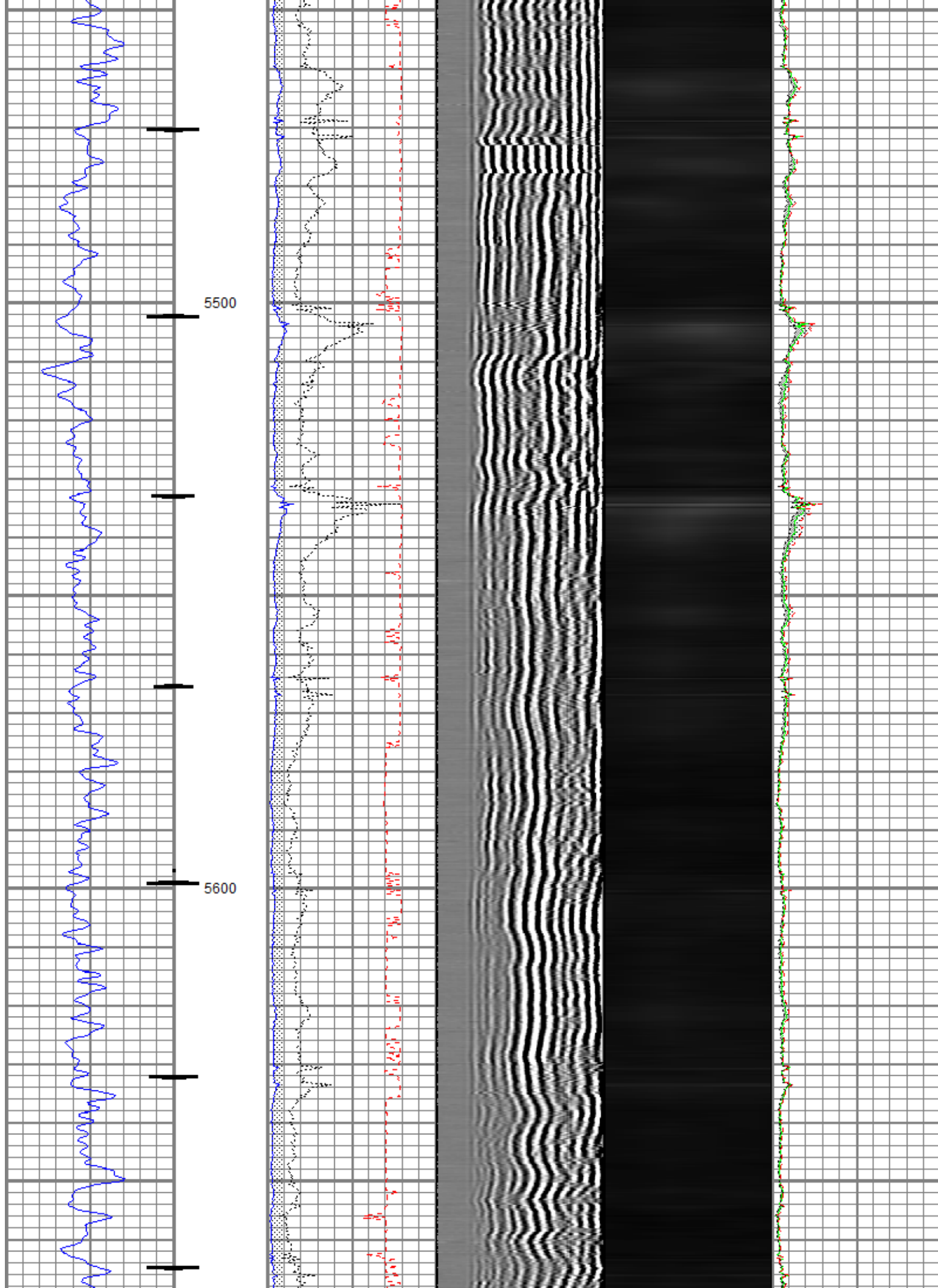


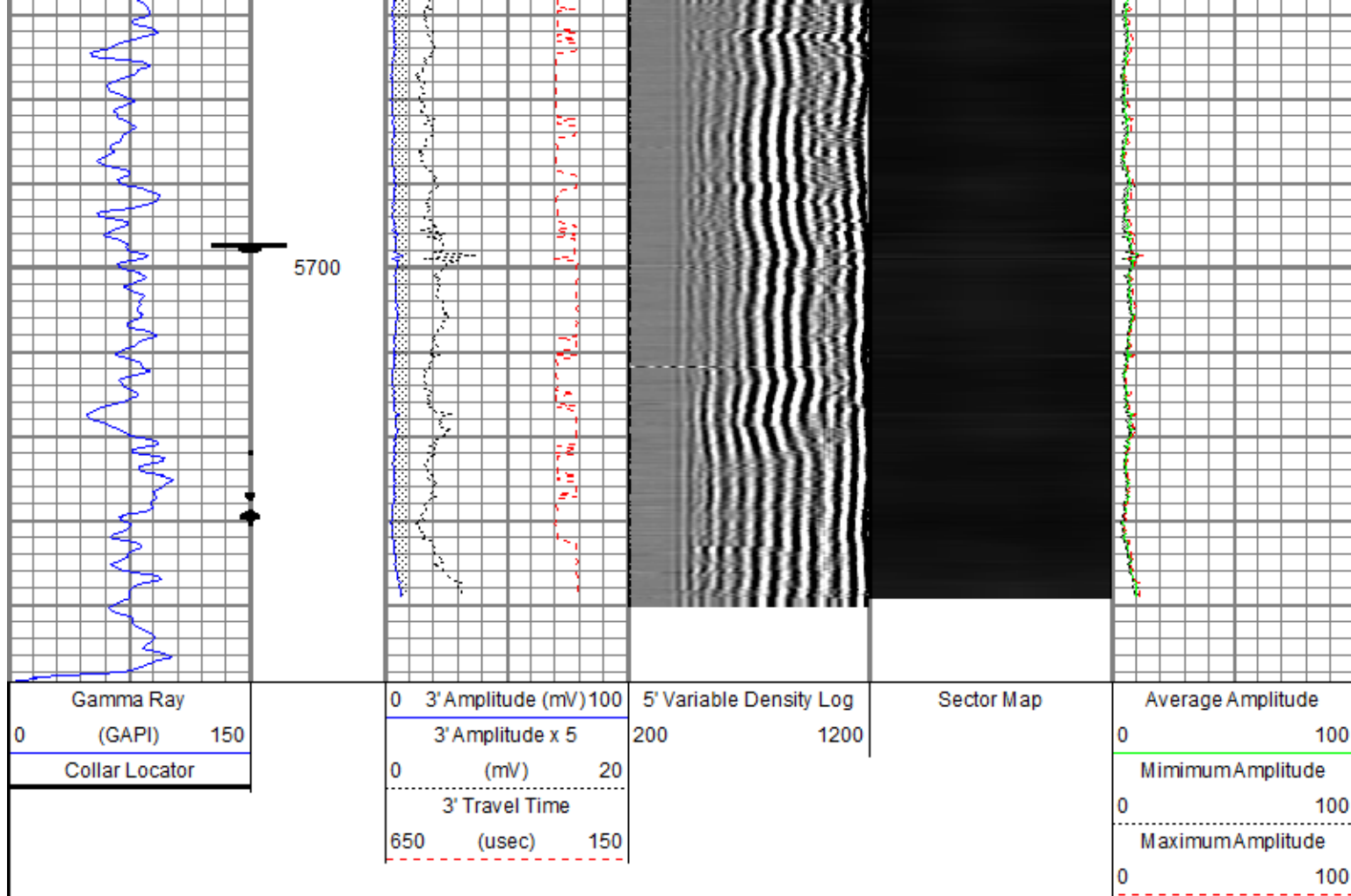








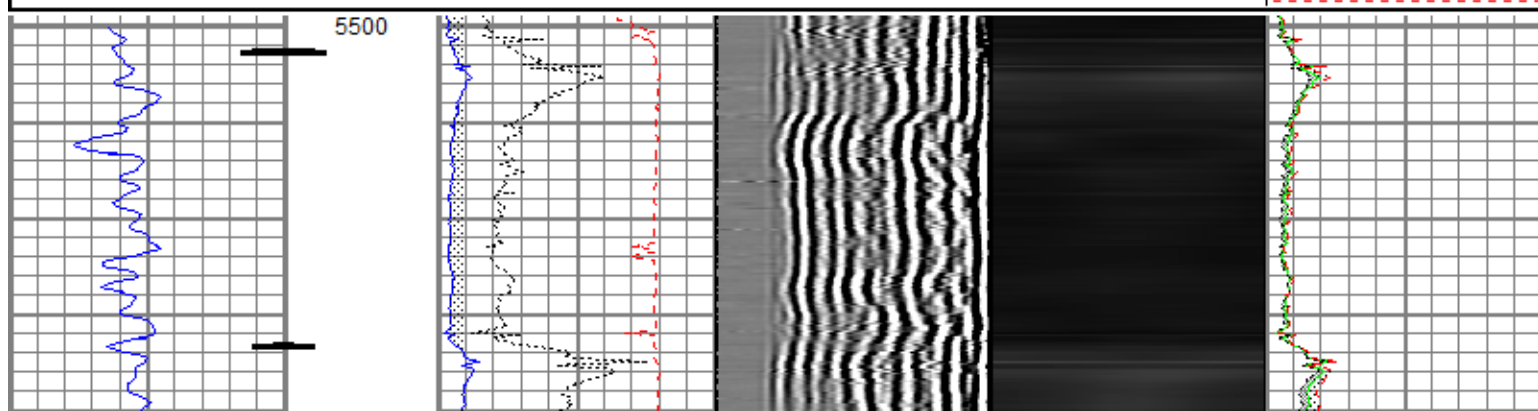
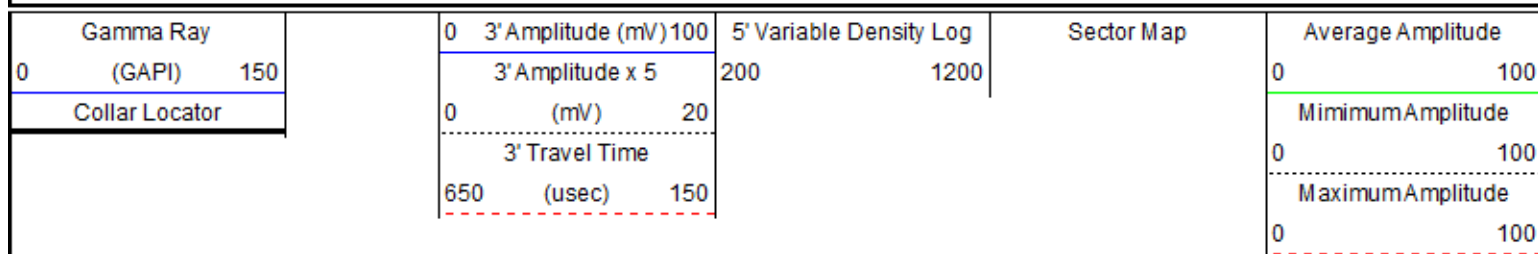


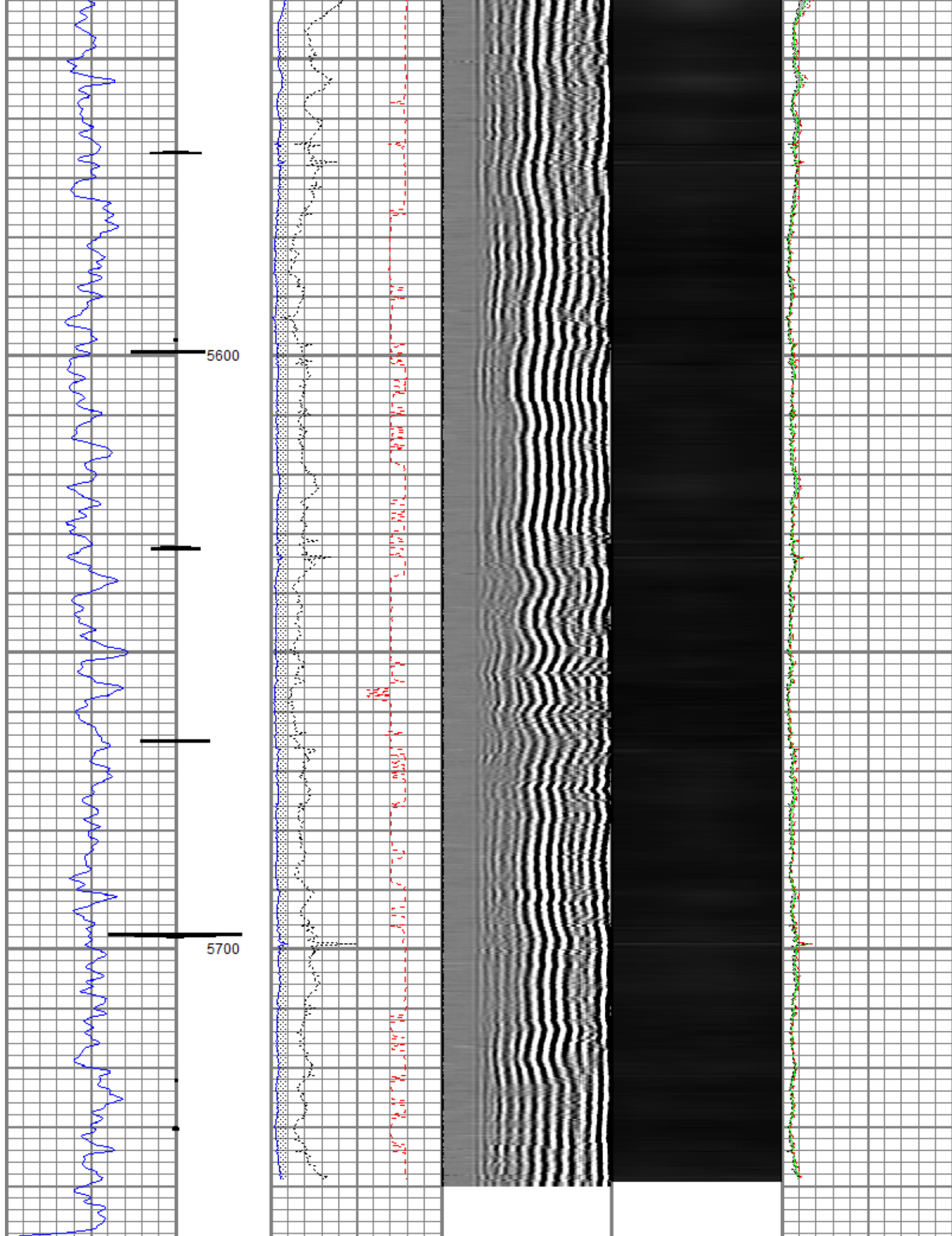


Repeat Pass

Logged under no surface induced pressure

Database File: mc102015.db
 Dataset Pathname: repeat
 Presentation Format: rbt007
 Dataset Creation: Tue Oct 20 11:23:48 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240





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

Sender Location:	(usec)	0	100
	3' Travel Time		
	650 (usec)	150	Maximum Amplitude
			0 100

Calibration Report	
Database File:	mc102015.db
Dataset Pathname:	main
Dataset Creation:	Tue Oct 20 11:31:02 2015 by Log 7.0 B1

Gamma Ray Calibration Report		
Serial Number:	10019371	
Tool Model:	UW_PGR_020	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	10012639	
Tool Model:	UW_RBT_004	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	3354.727	ft

Master Calibration, performed Tue Oct 20 11:04:02 2015:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.736	0.000	62.165	84.446	0.000
5FT	0.000	0.740	0.000	62.165	83.963	0.000
S1	0.000	0.707	0.000	100.000	141.425	0.000
S2	0.000	0.728	0.000	100.000	137.365	0.000
S3	0.000	0.760	0.000	100.000	131.540	0.000
S4	0.000	0.775	0.000	100.000	128.955	0.000
S5	0.000	0.753	0.000	100.000	132.780	0.000
S6	0.000	0.739	0.000	100.000	135.334	0.000
S7	0.000	0.706	0.000	100.000	141.549	0.000
S8	0.000	0.691	0.000	100.000	144.720	0.000

	Company	Chevron USA, Inc.		
	Well	A.C. McLaughlin 1		
	Field	Rangely Weber Sand Unit		
	County	Rio Blanco		
	State	Colorado		
				Country USA