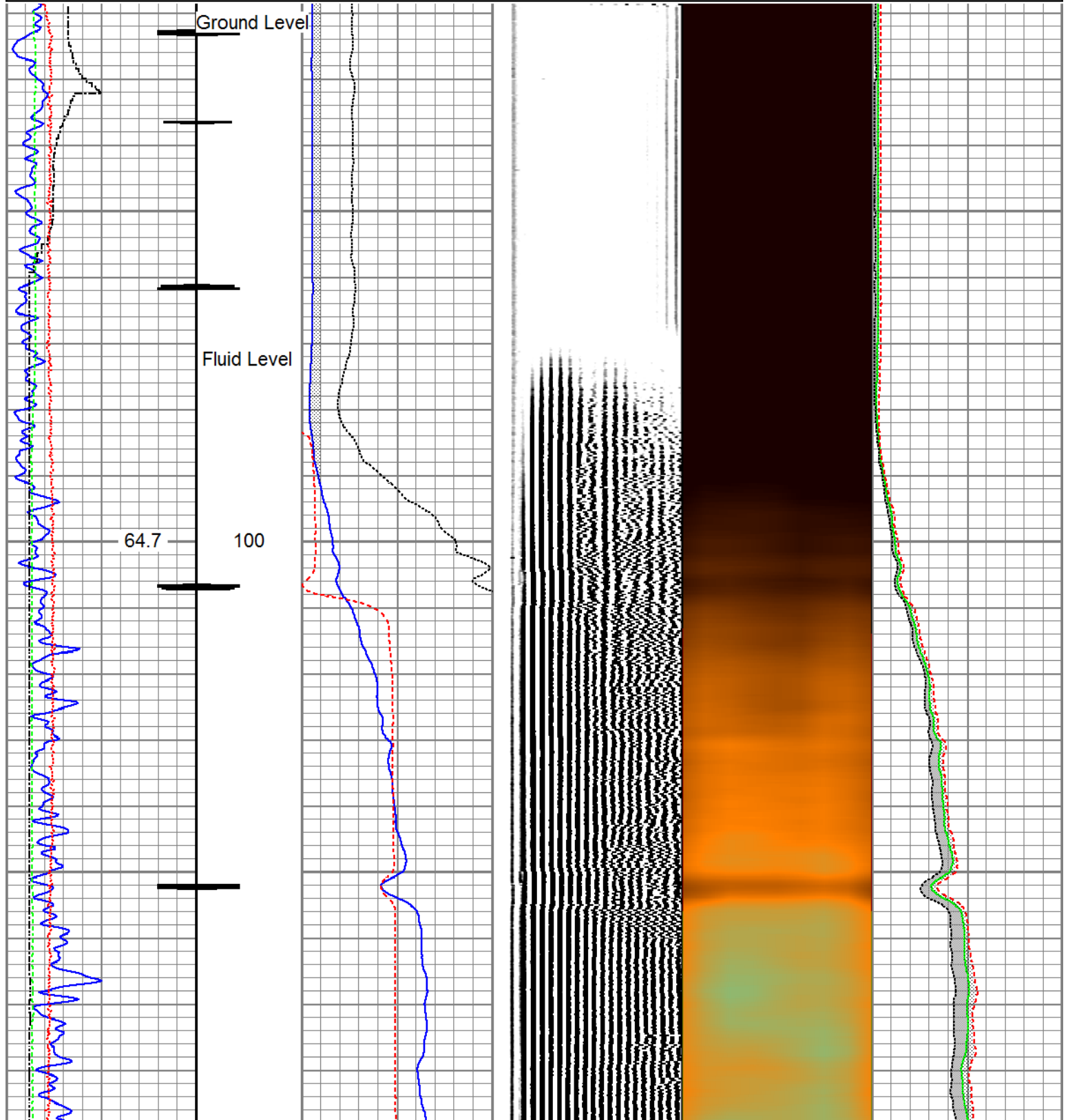
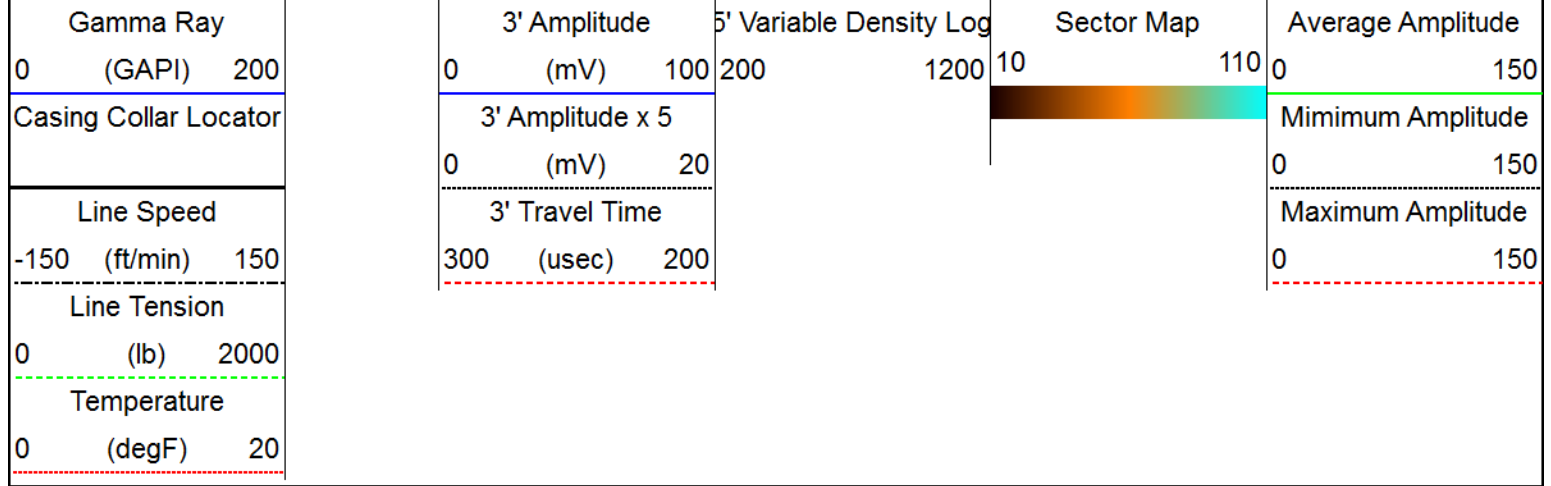
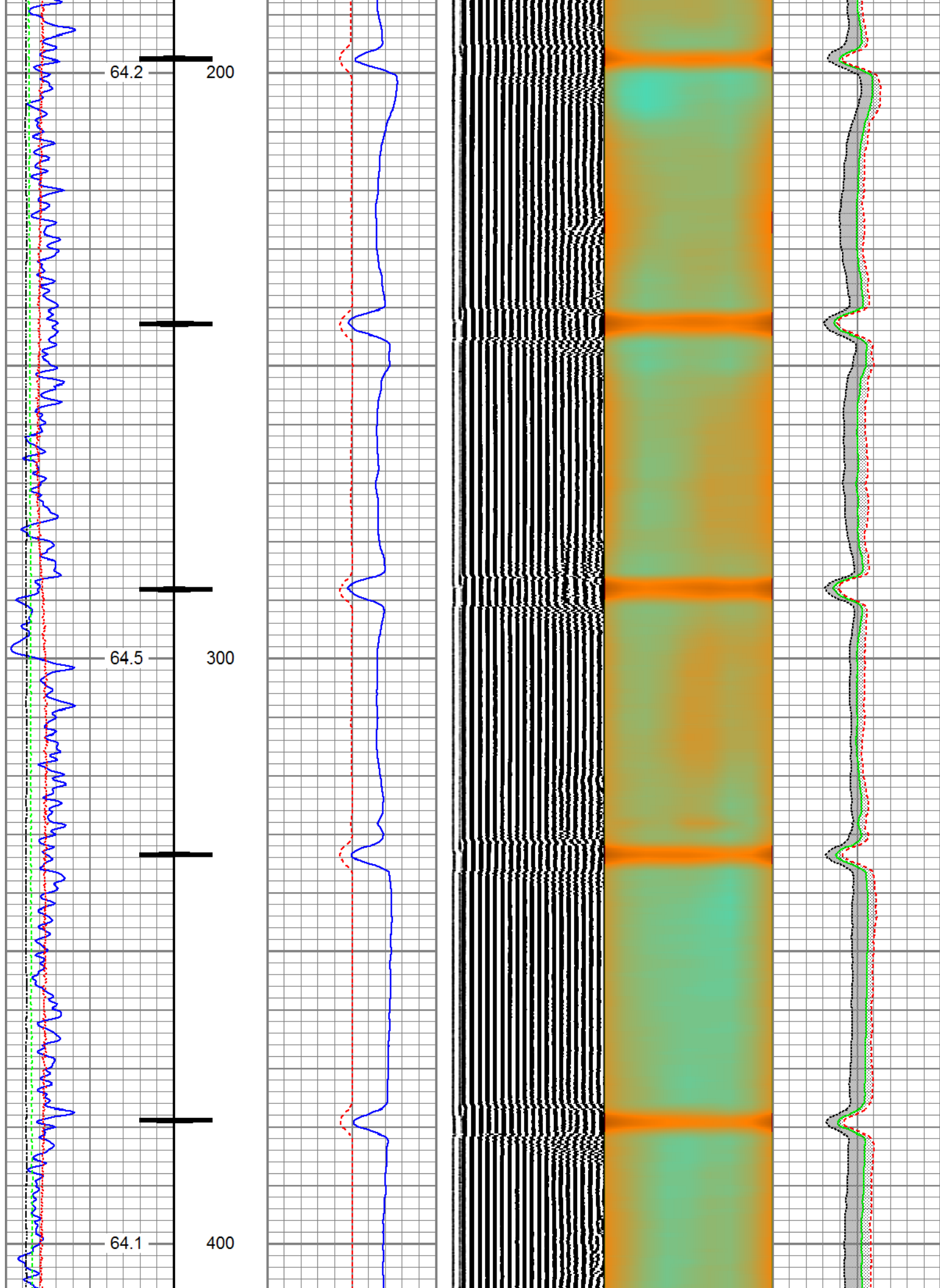
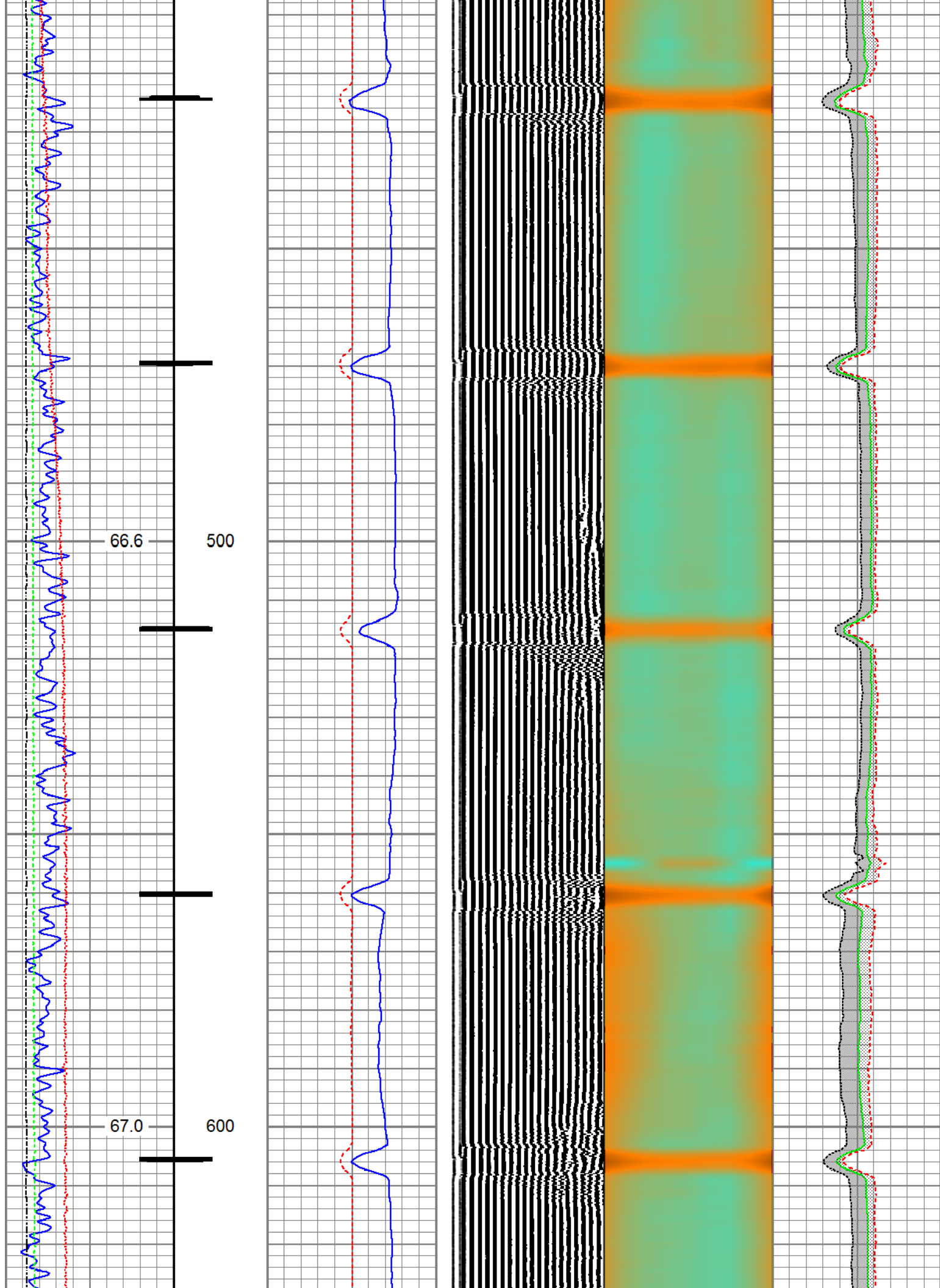
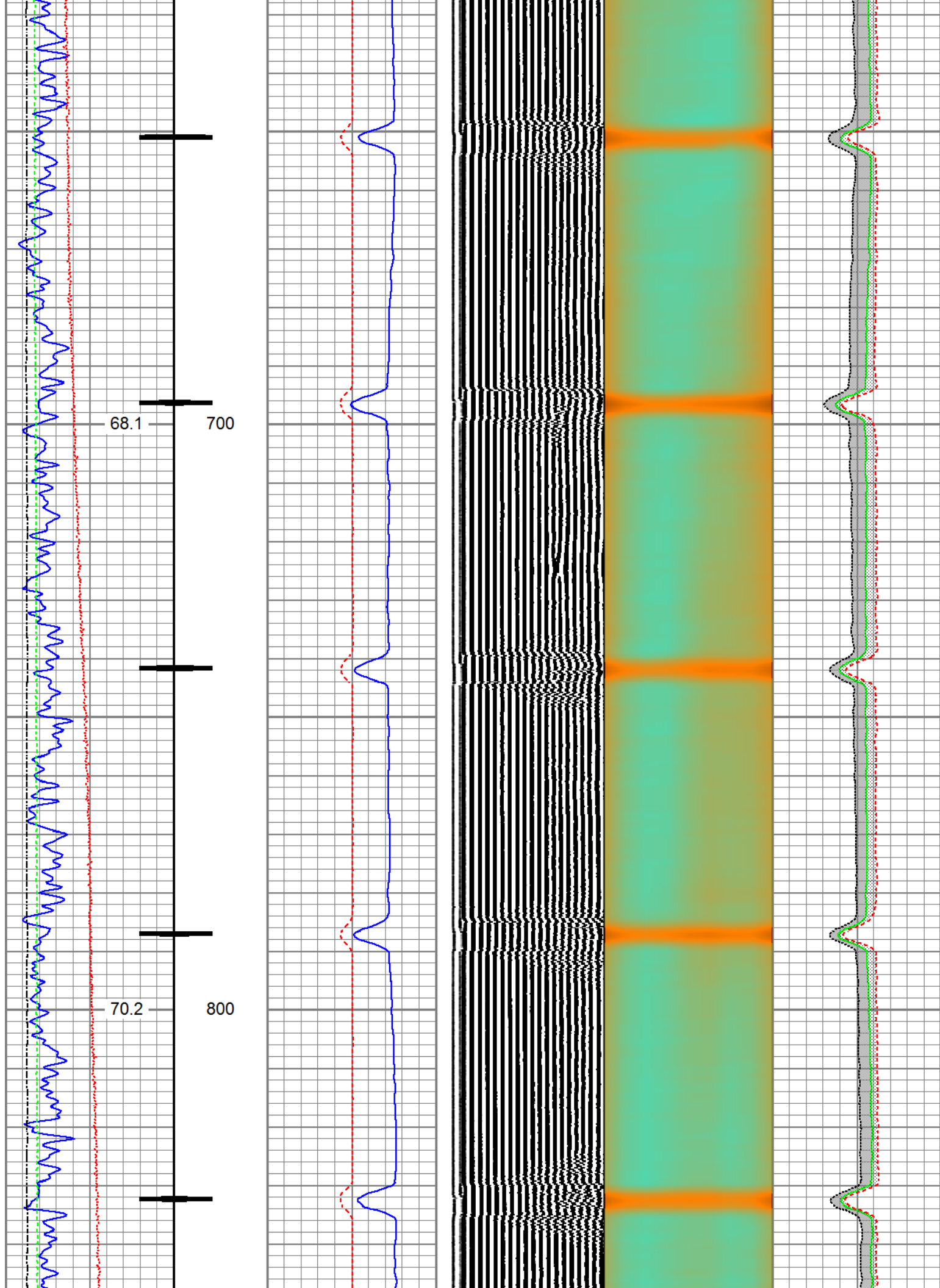


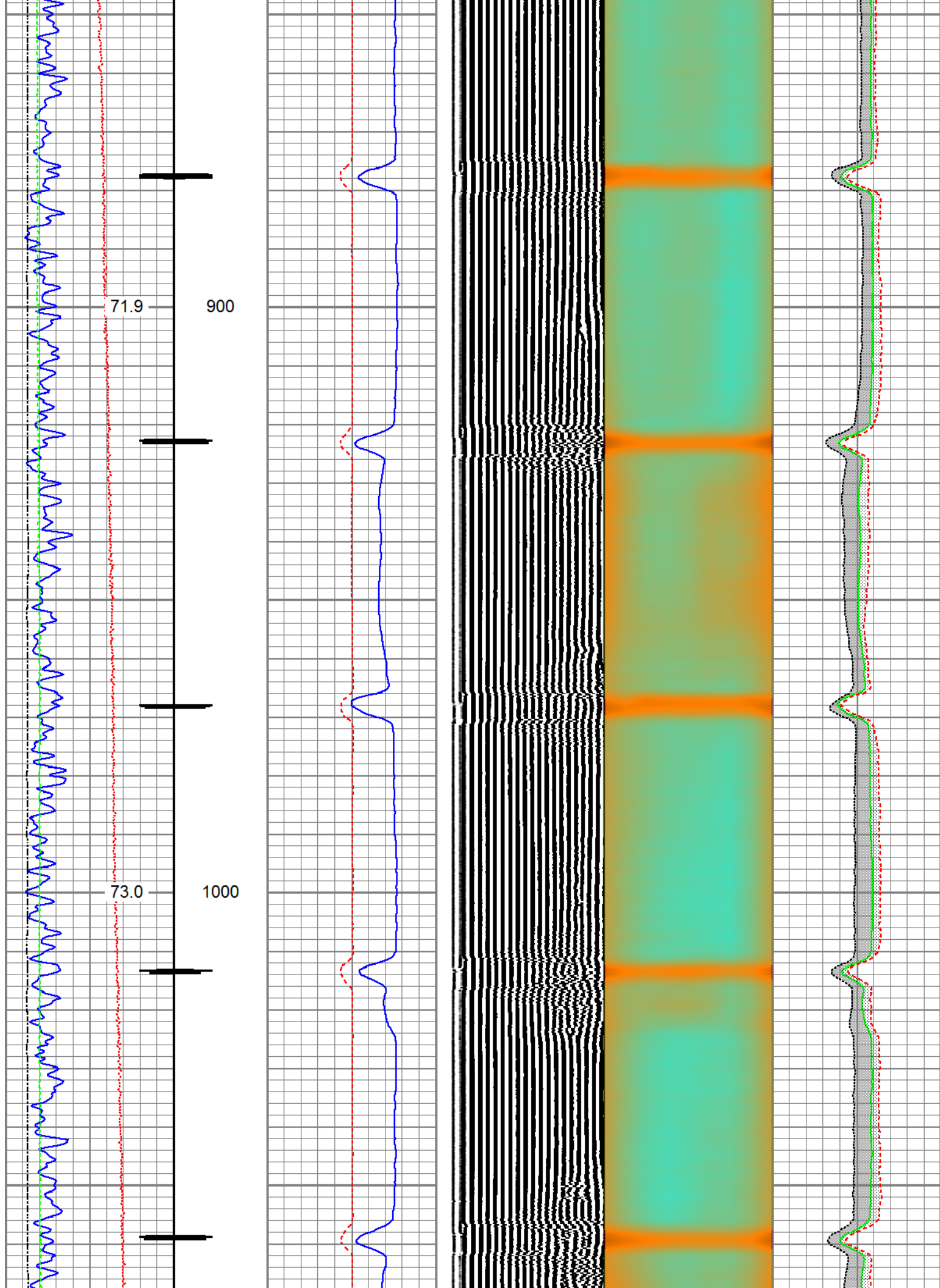
Database File	tep_youberg sr 531-12_rbl_07-05-17\processed_tep_youberg sr 531-12_rbl_07-06-17.db
Dataset Pathname	pass4.2
Presentation Format	ros_rbt004_tep
Dataset Creation	Thu Jul 06 16:11:50 2017
Charted by	Depth in Feet scaled 1:240

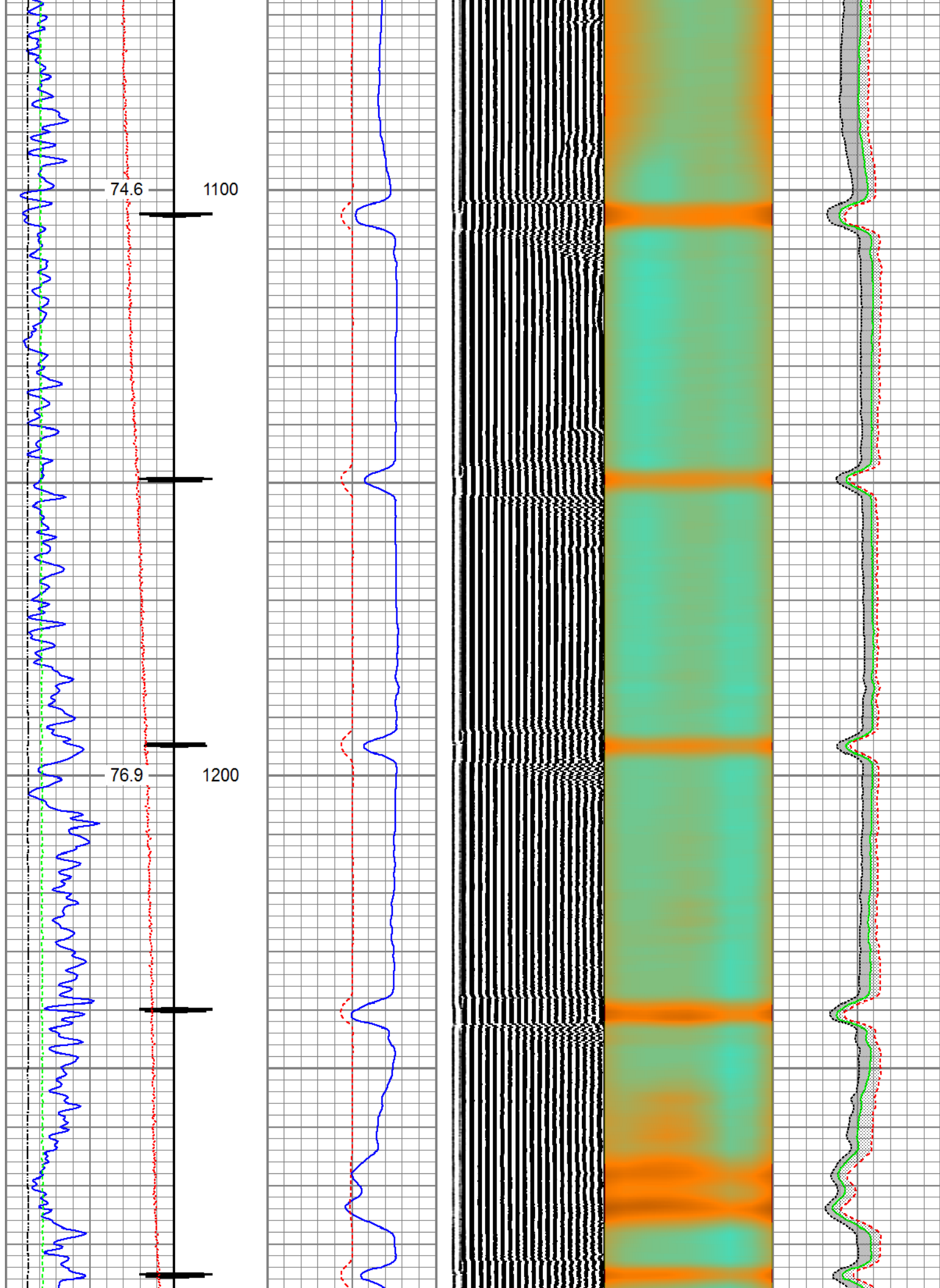


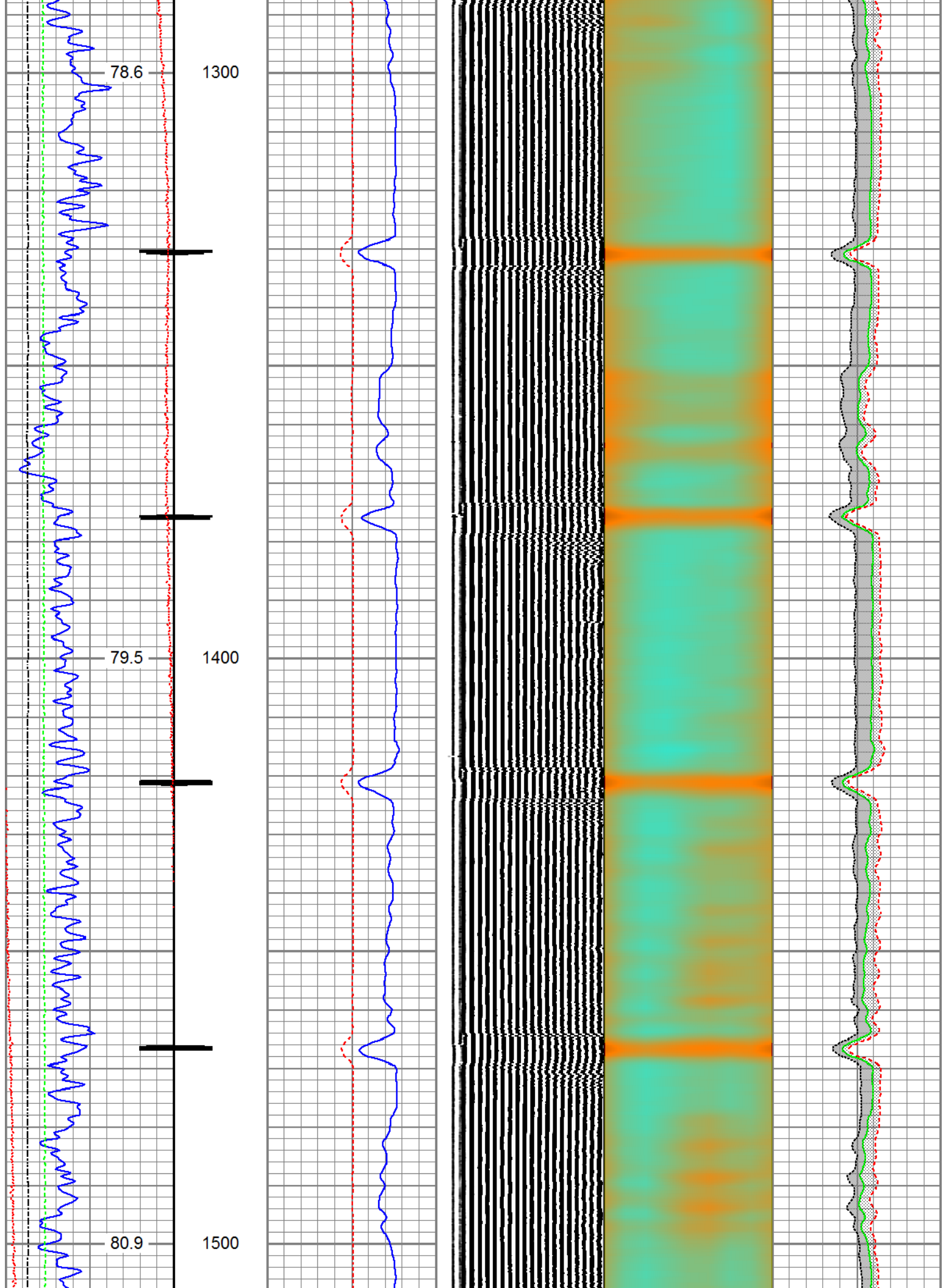


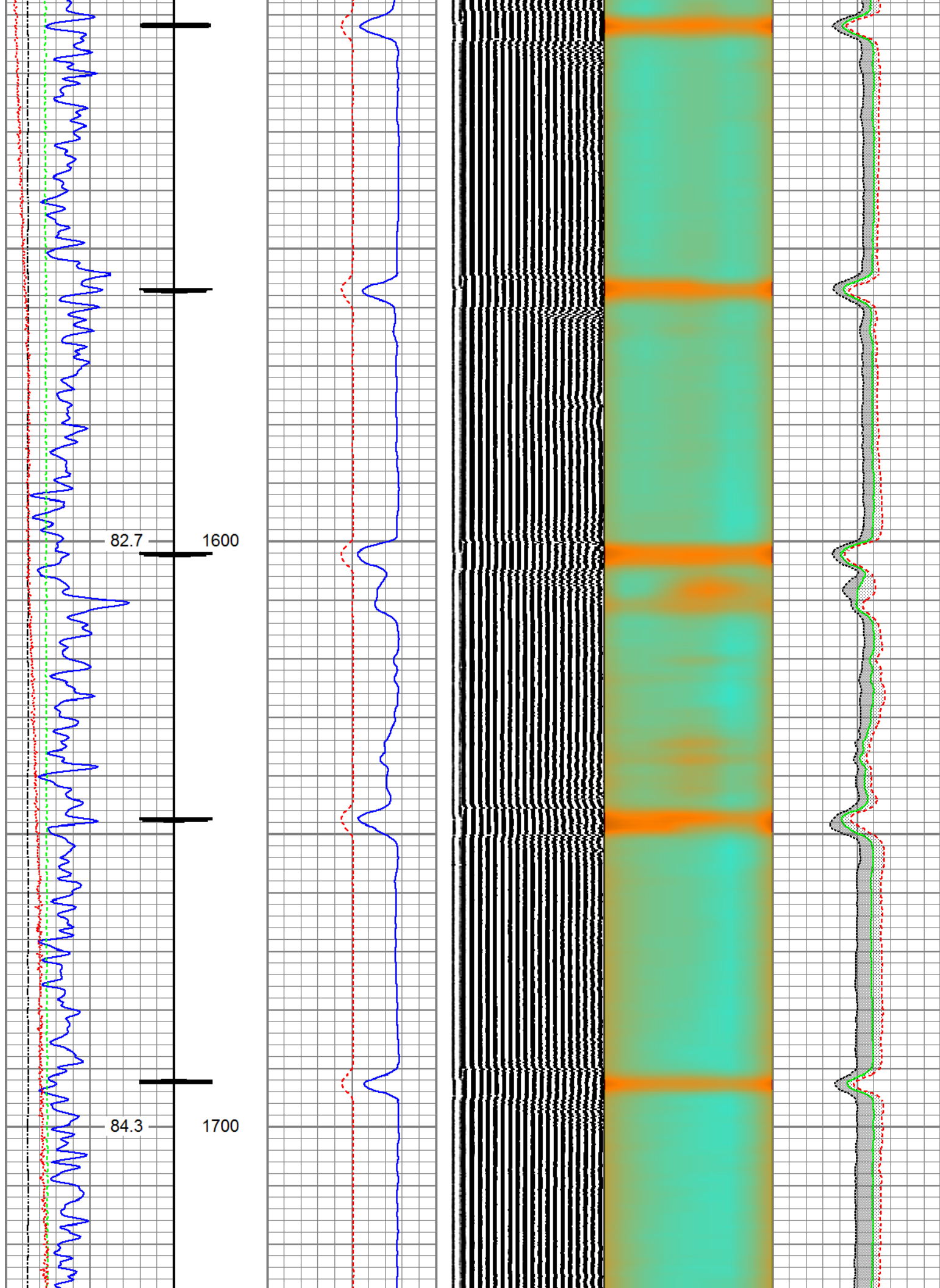


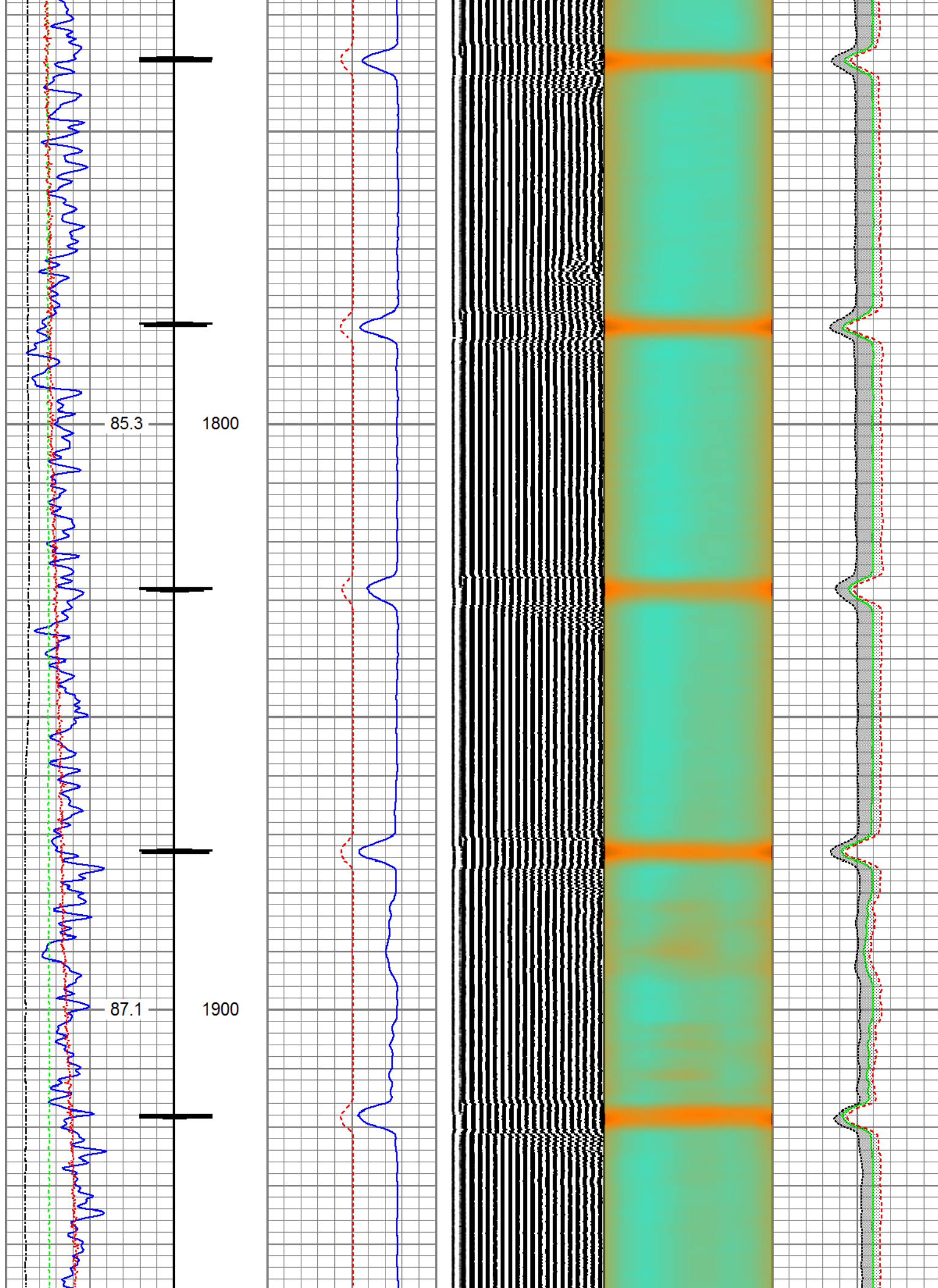


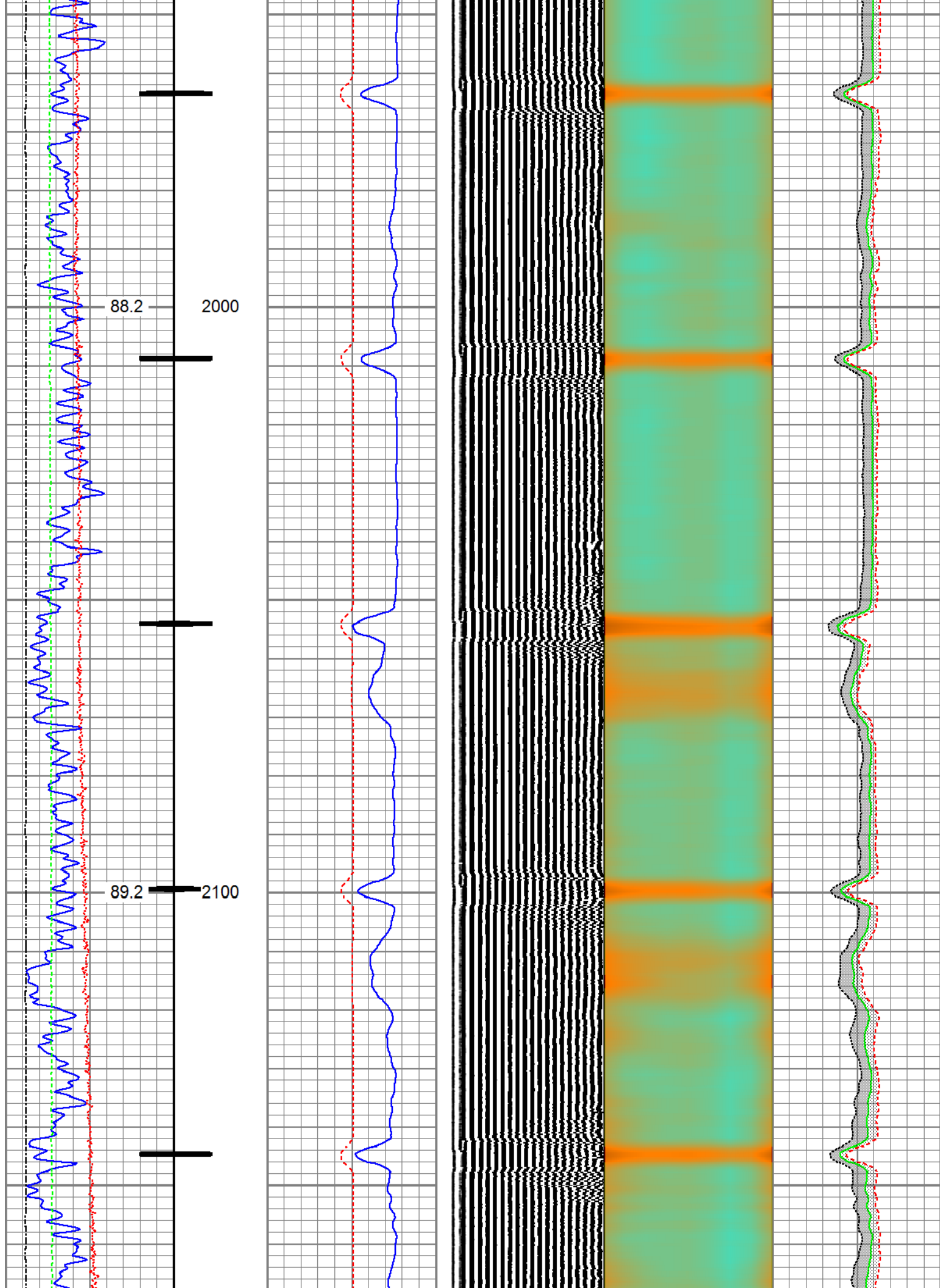


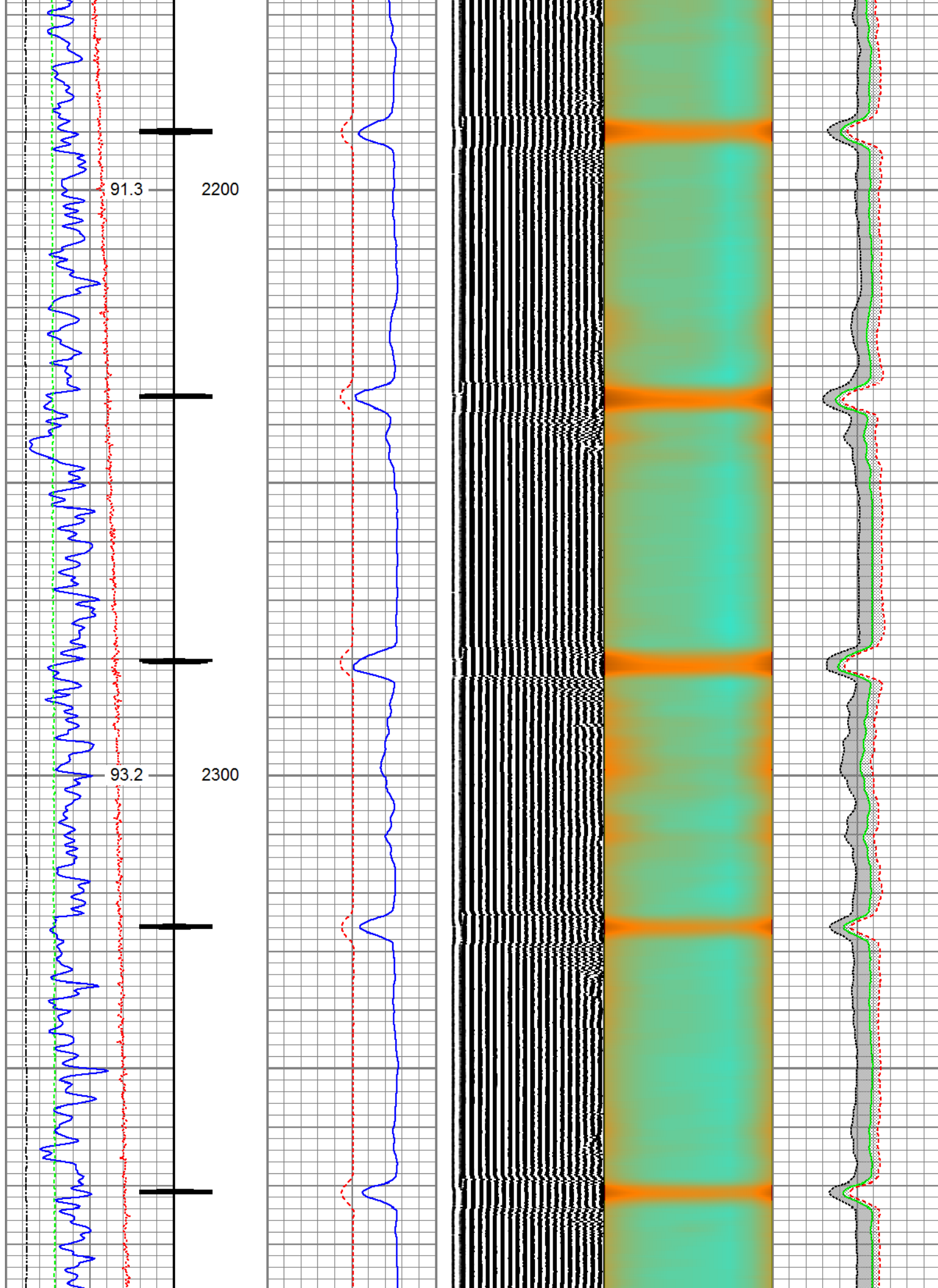


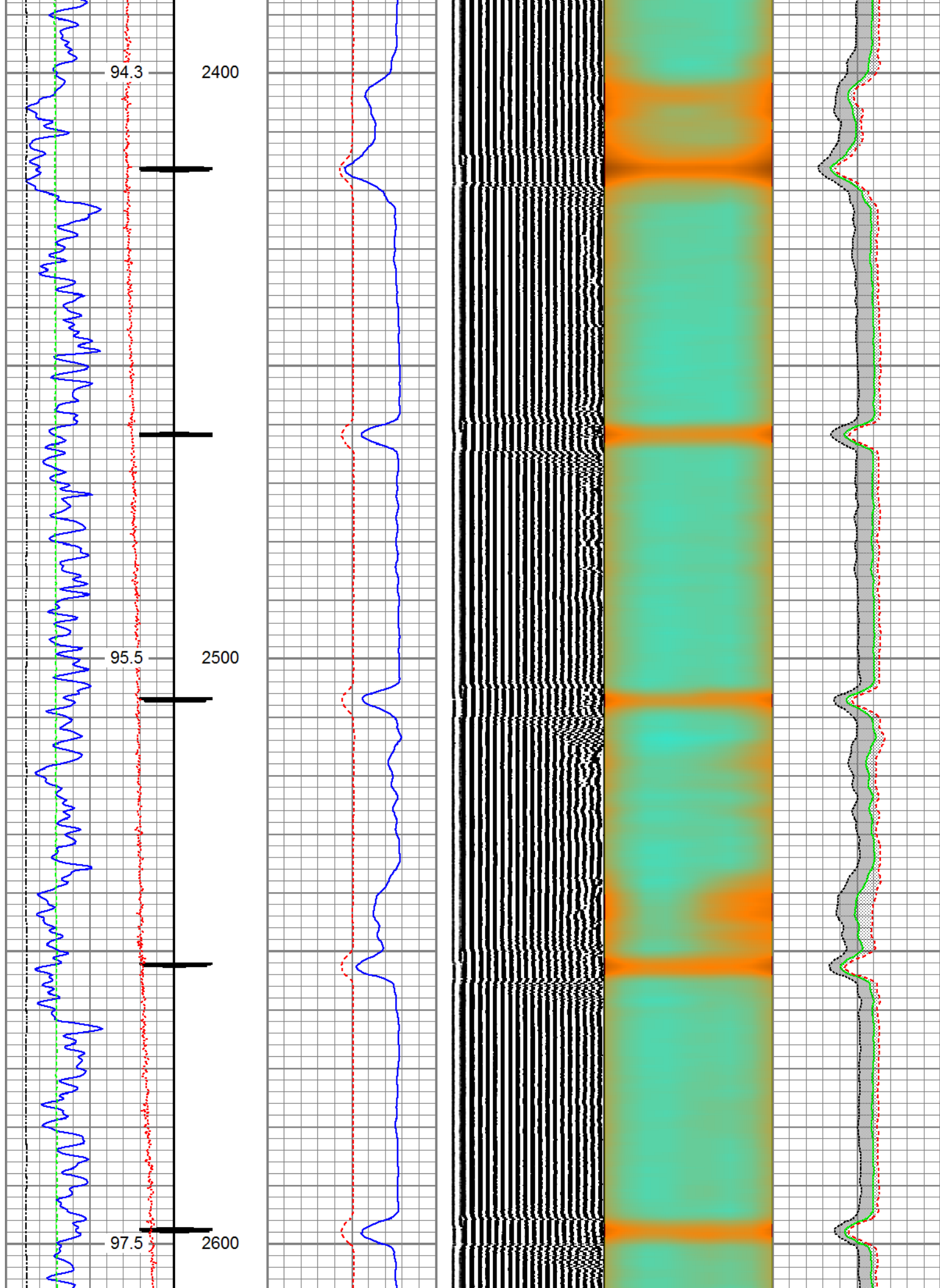


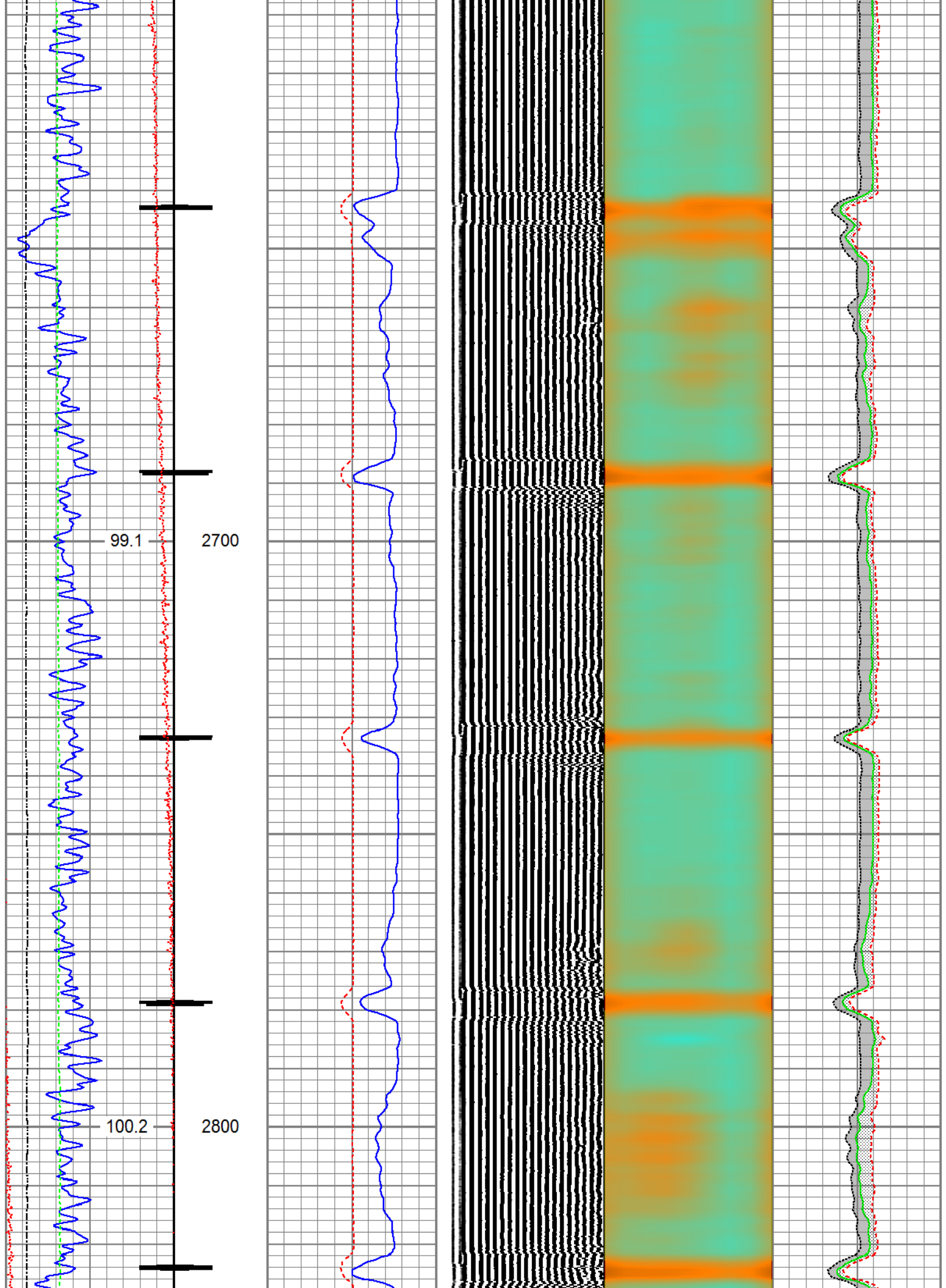


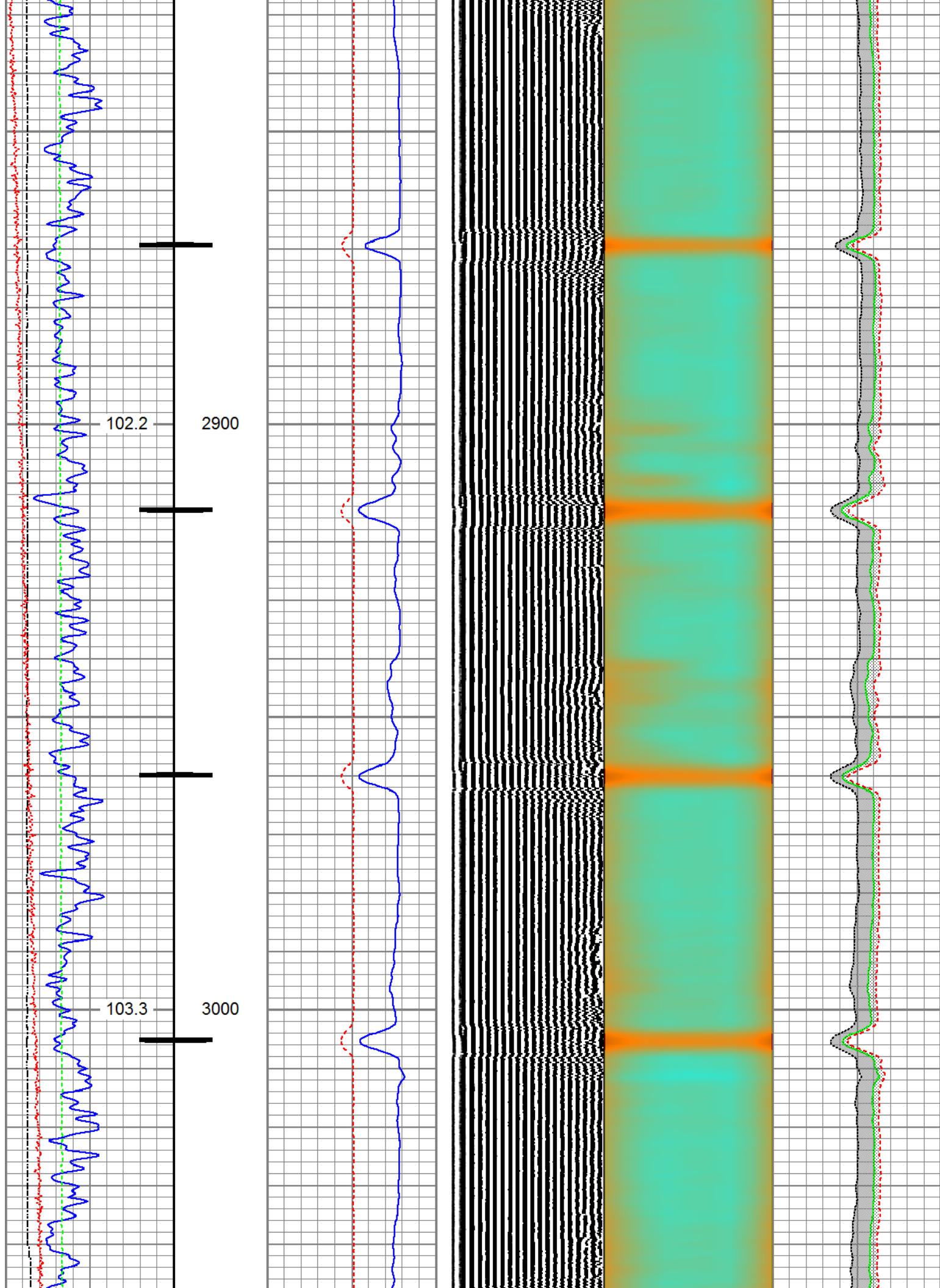


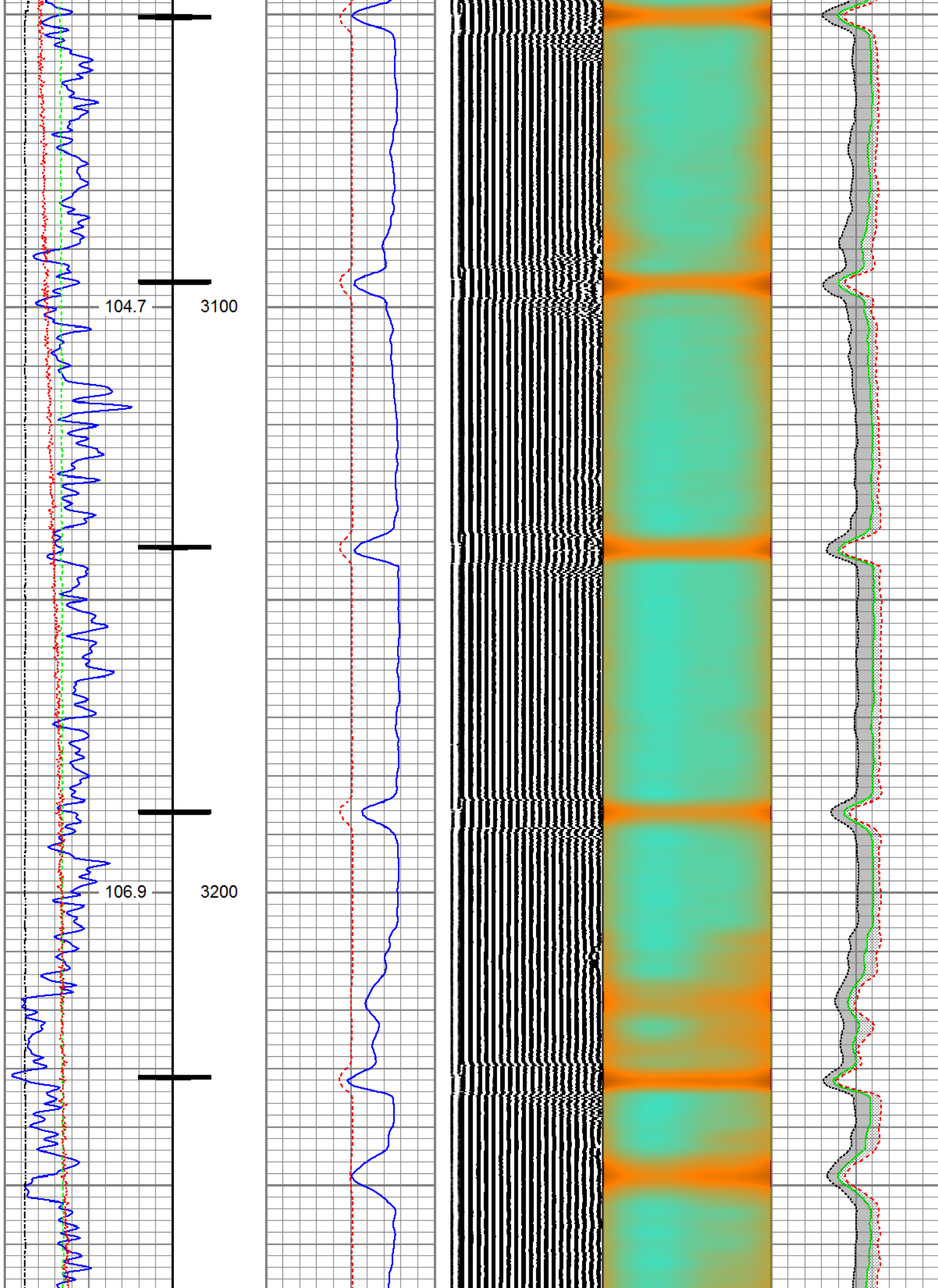


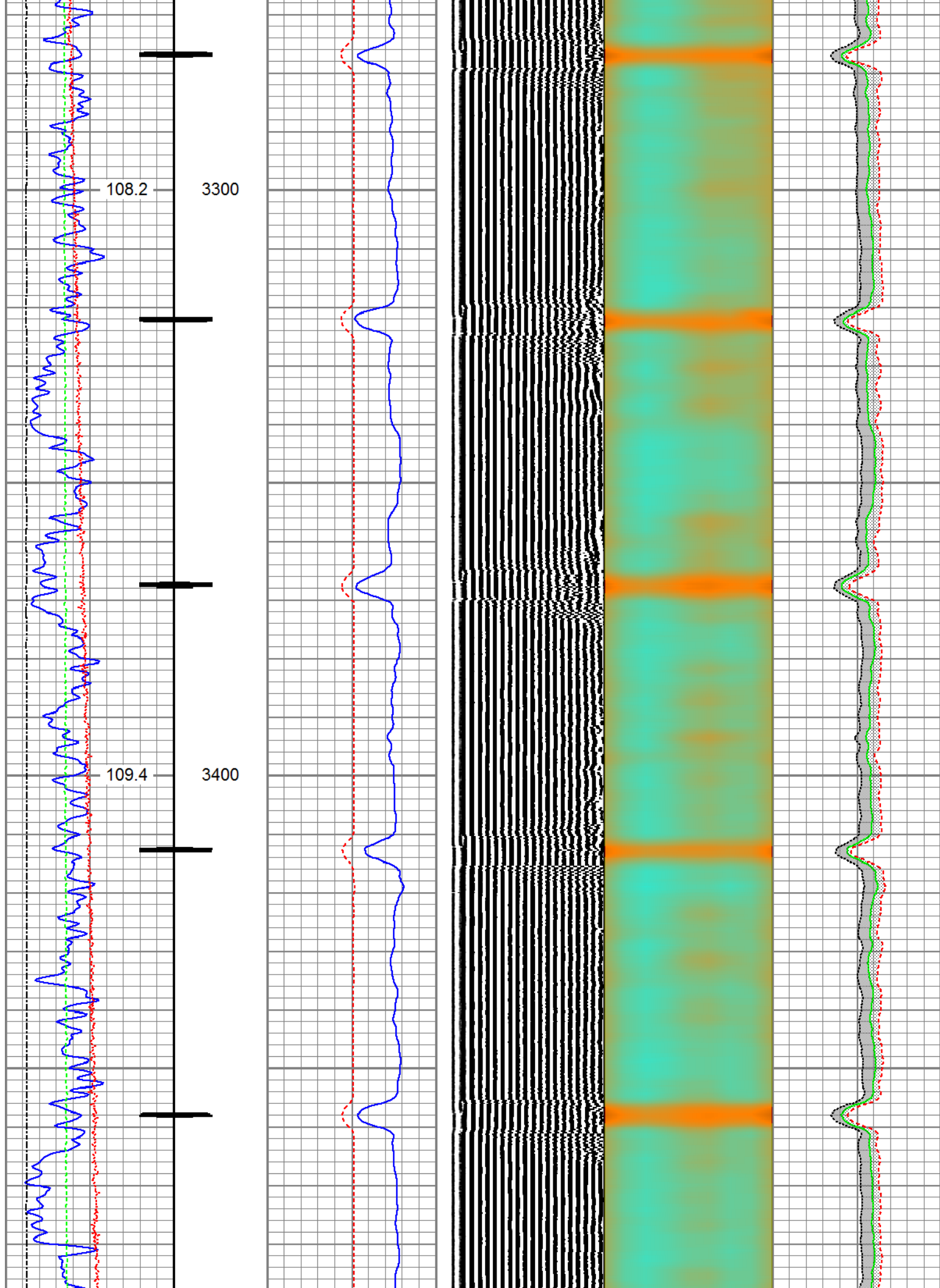


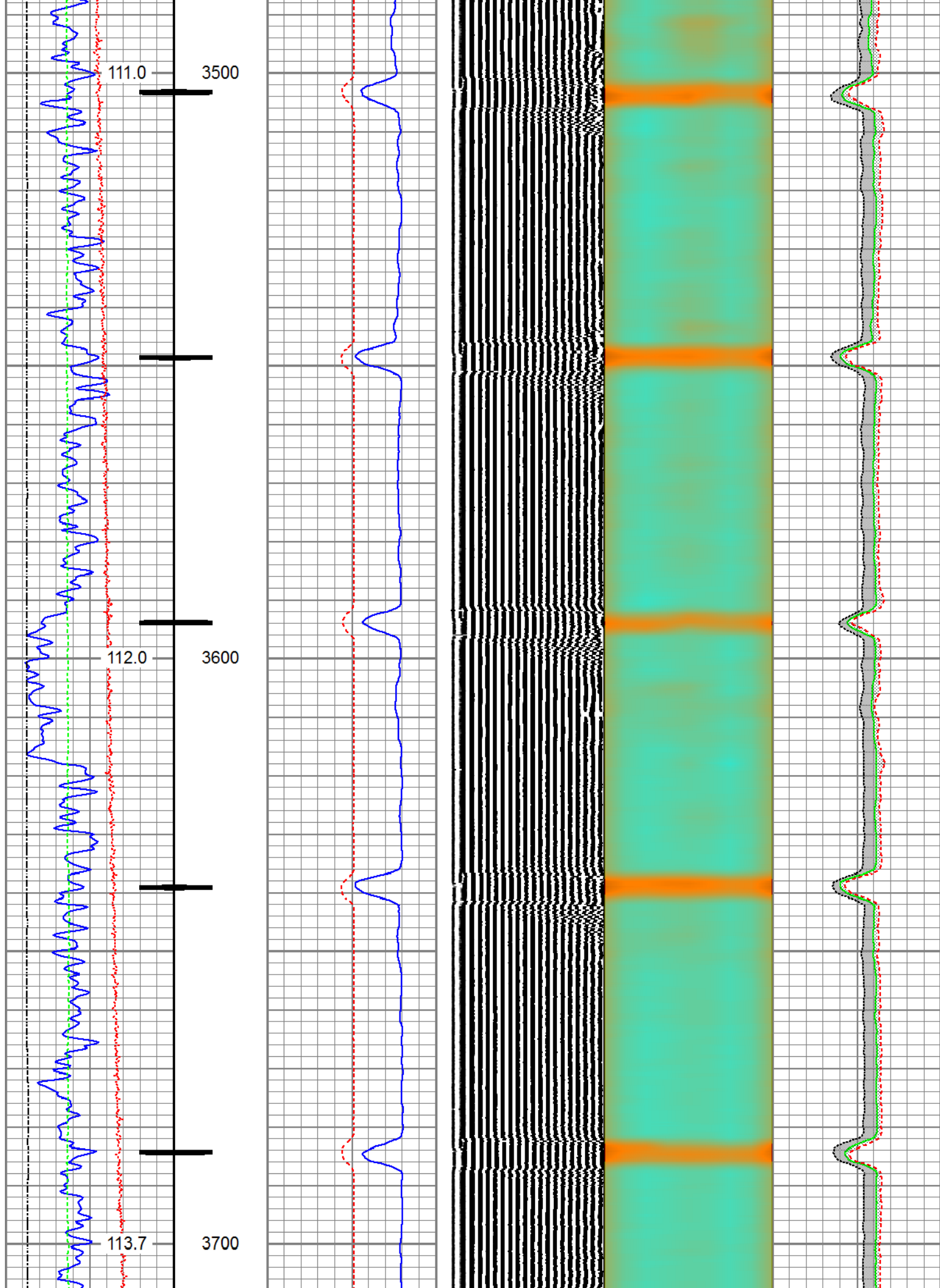


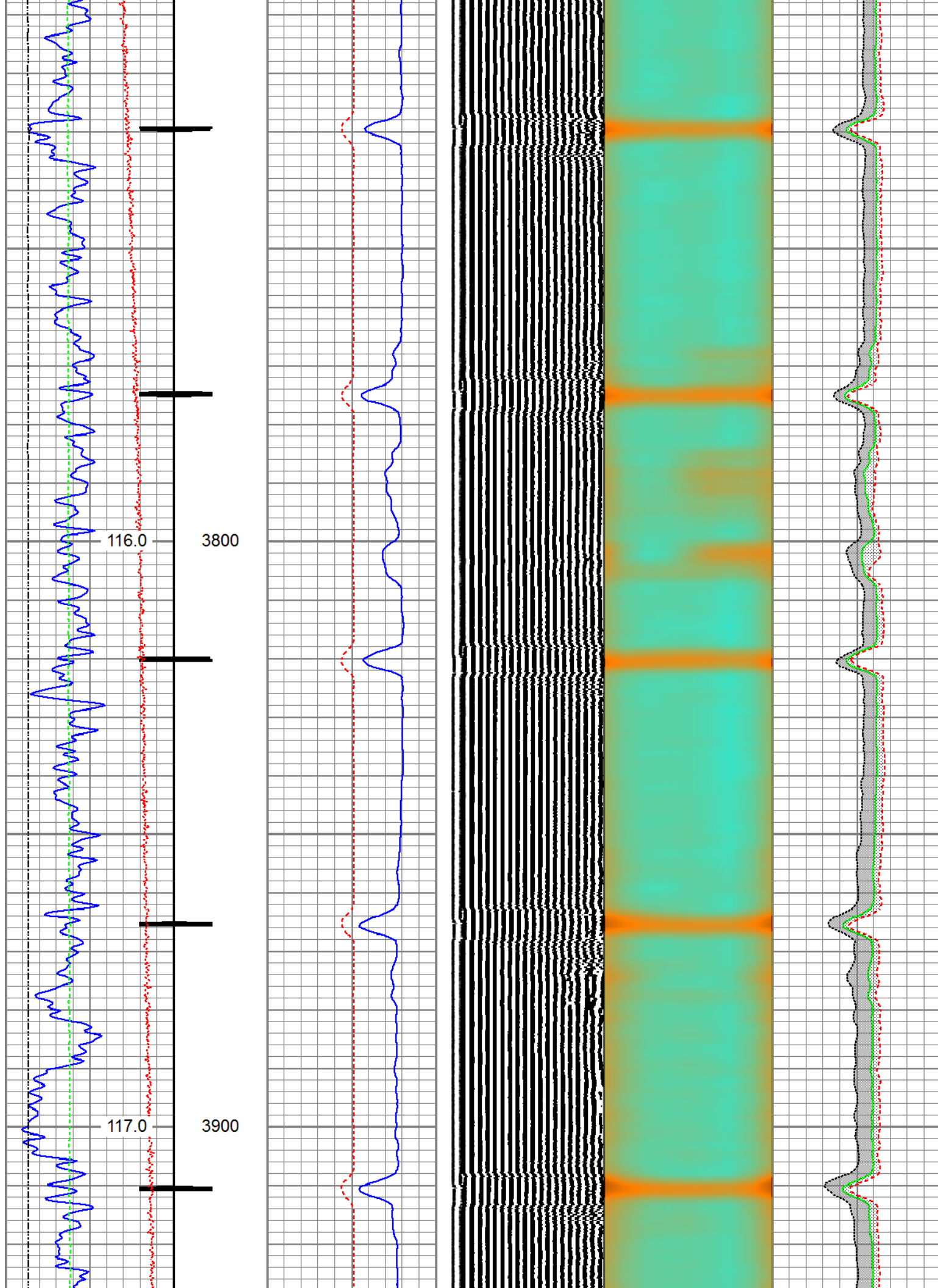


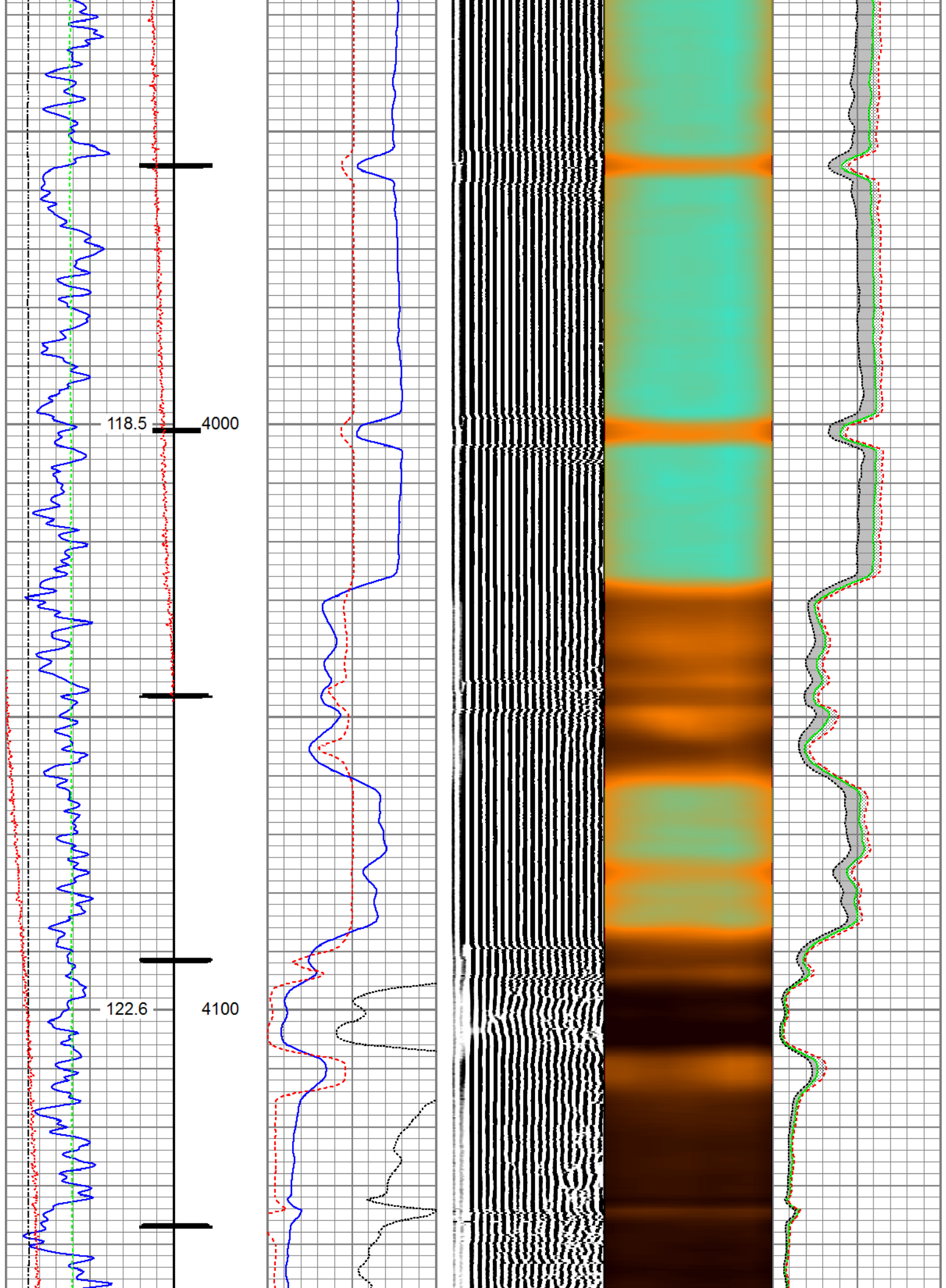


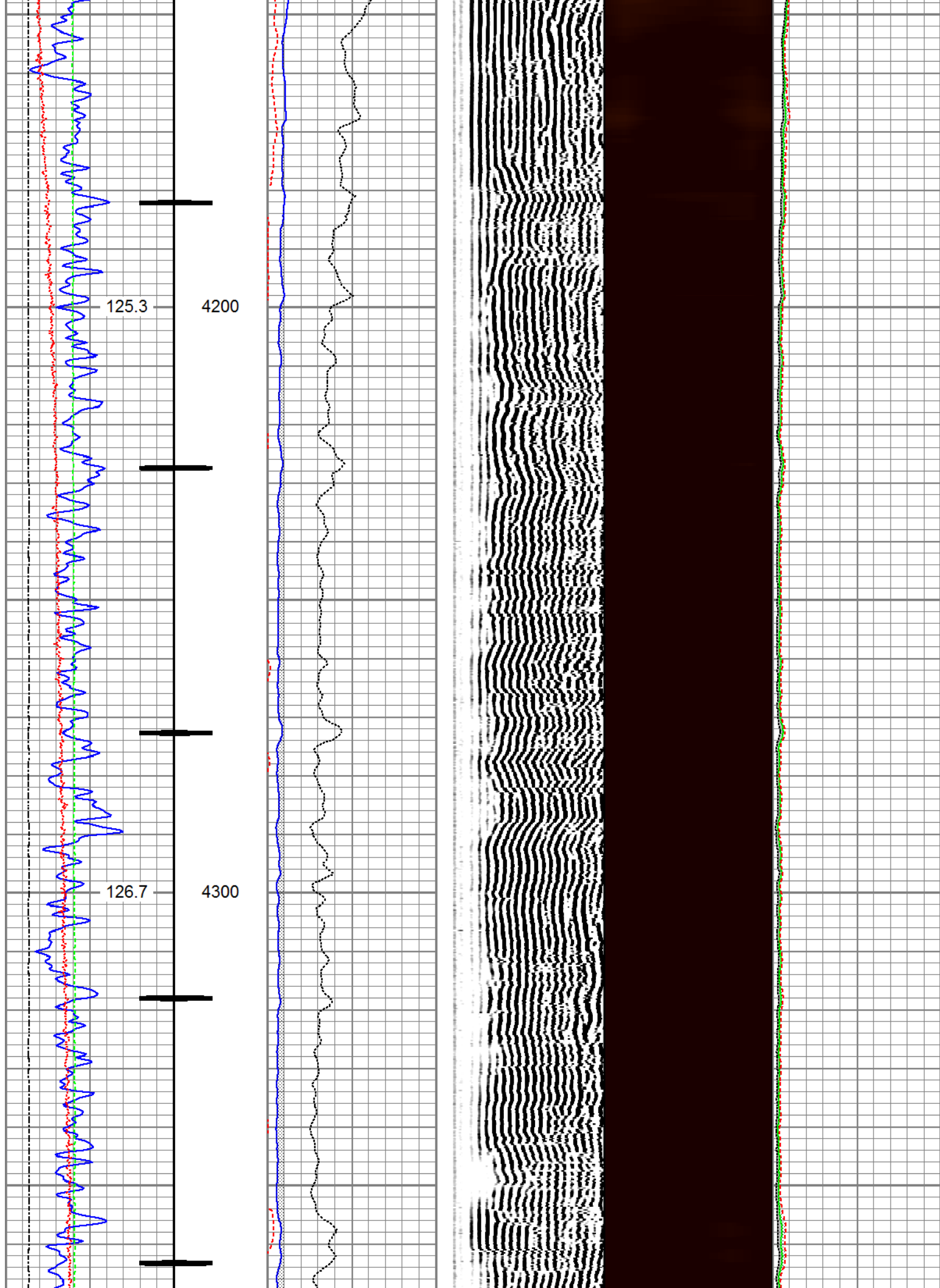


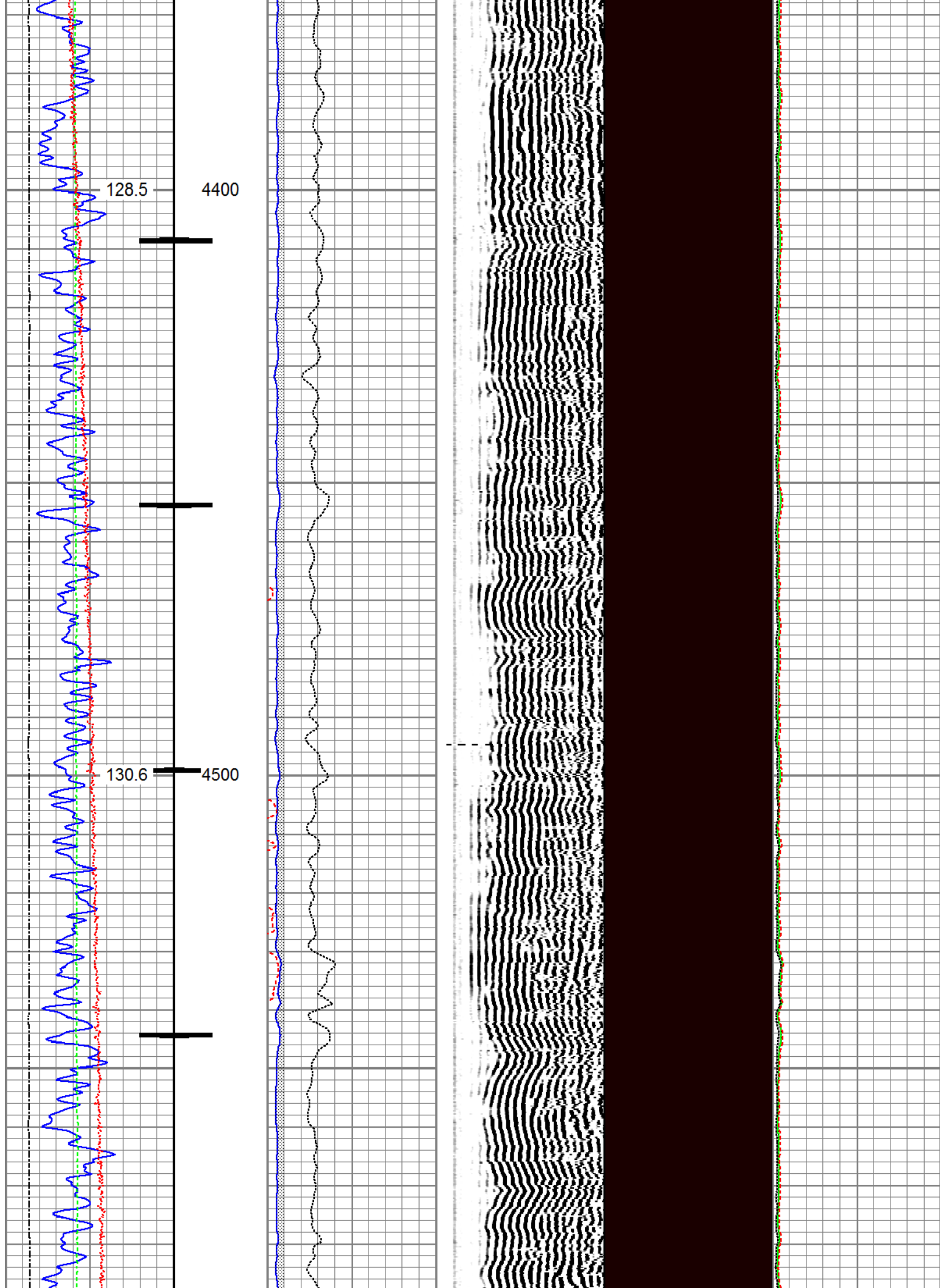


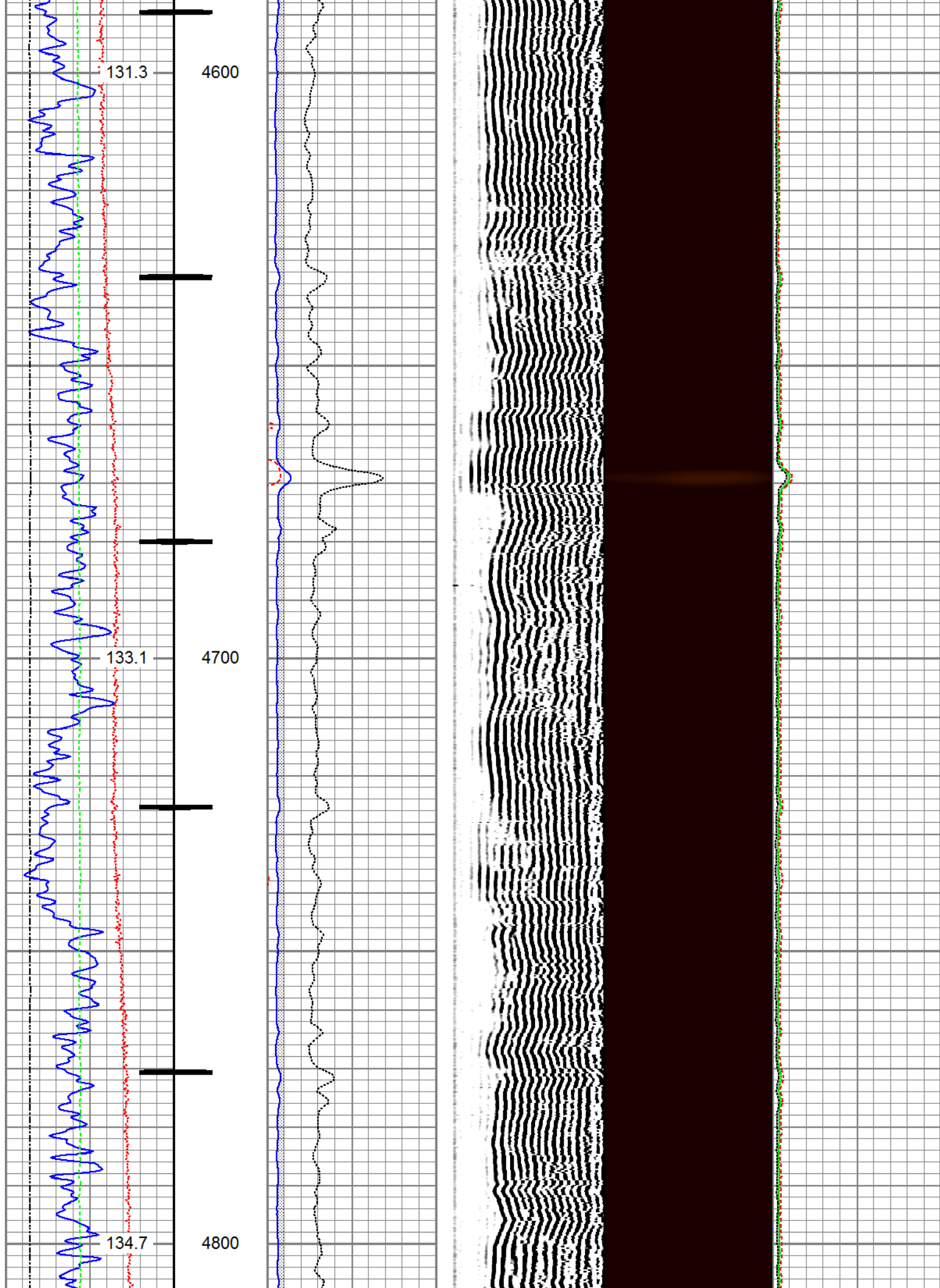


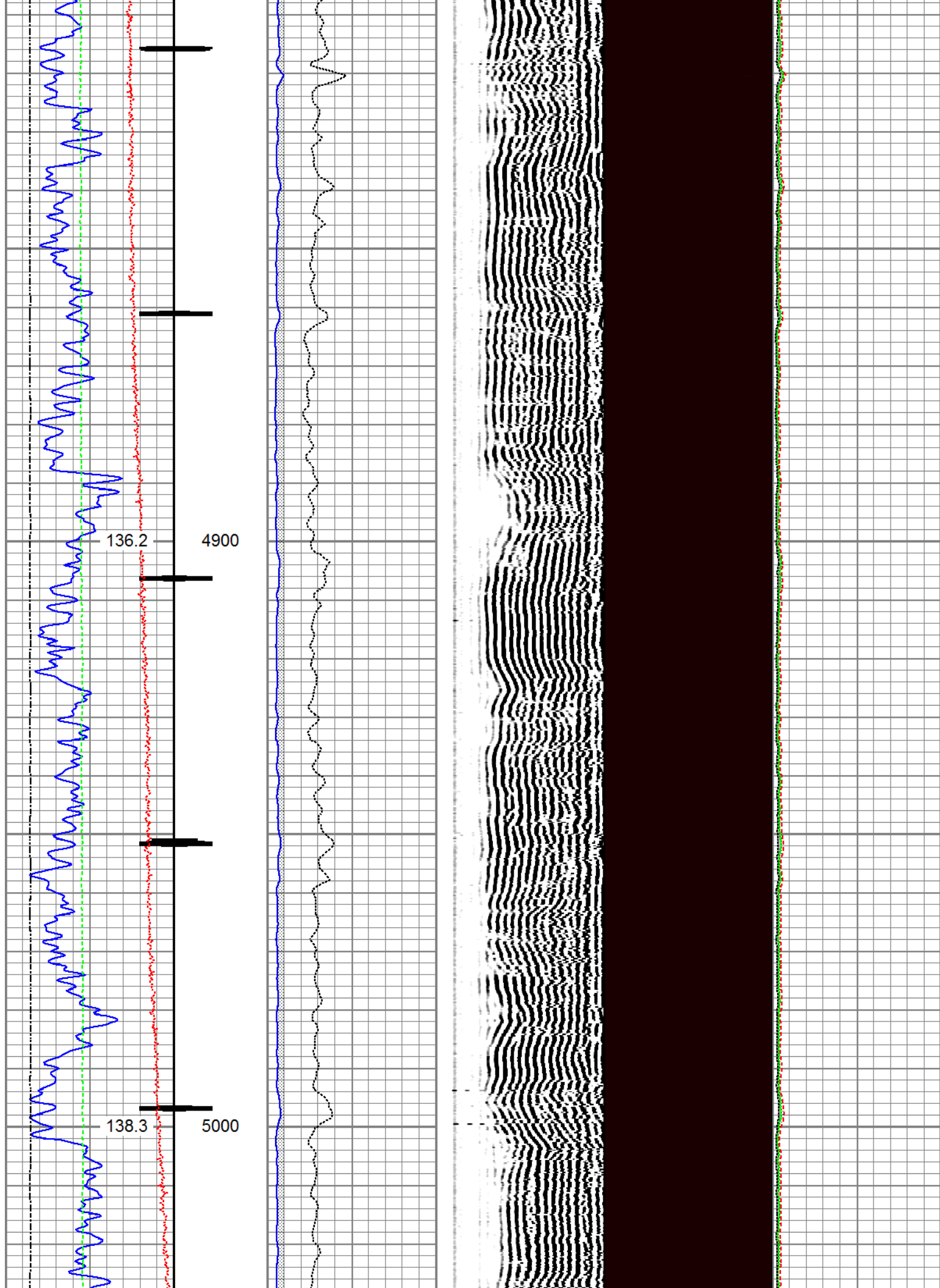


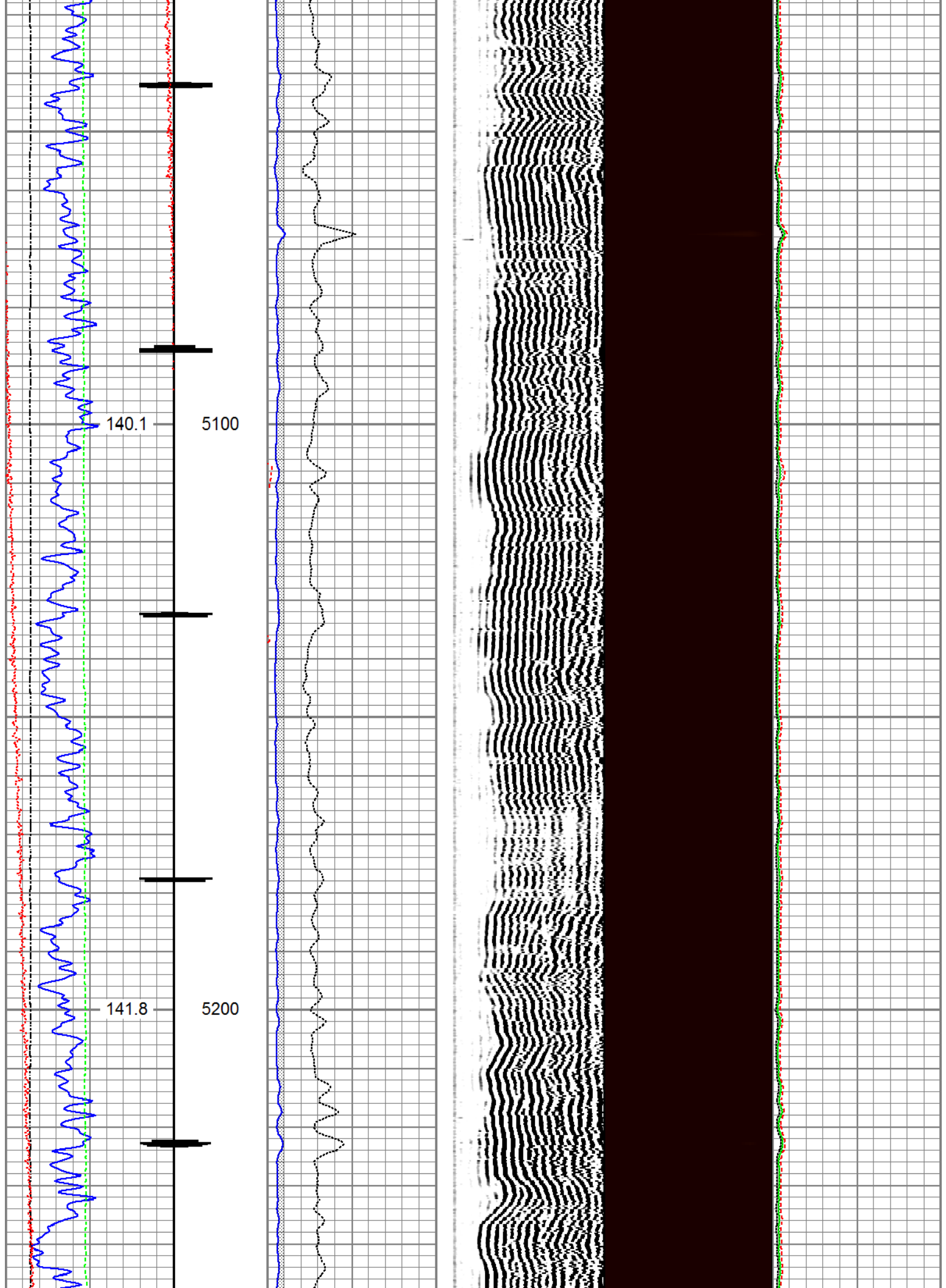


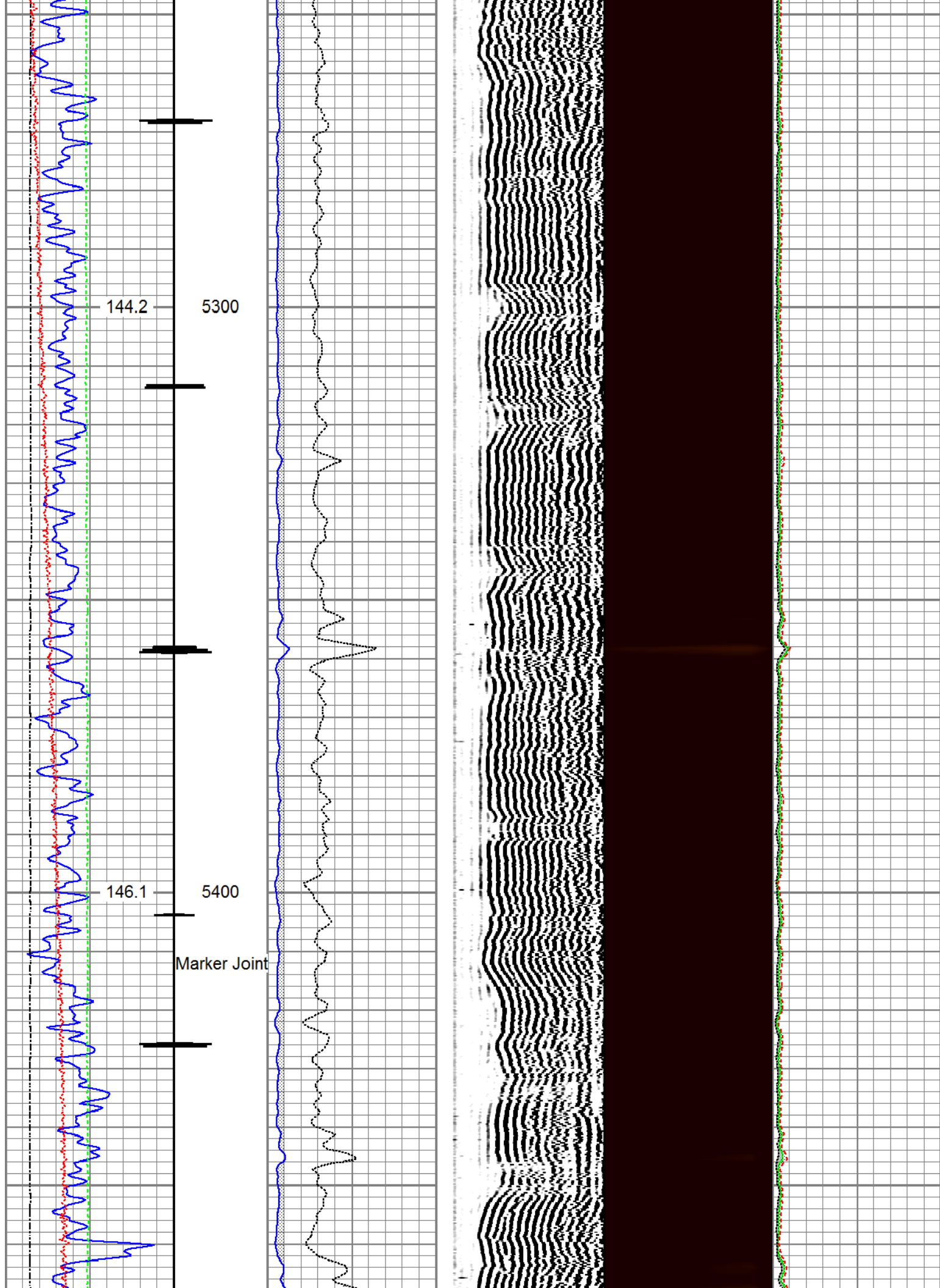


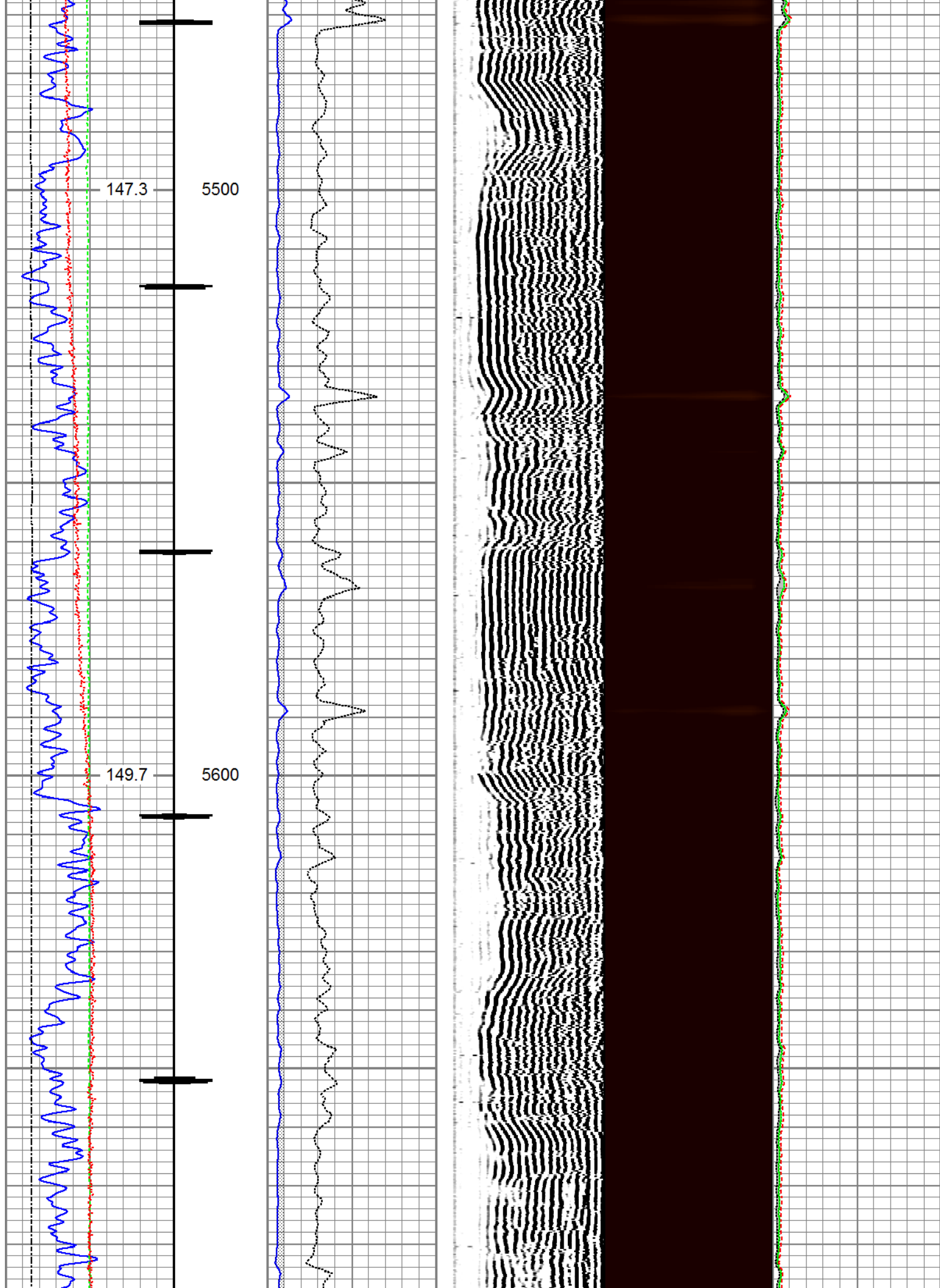


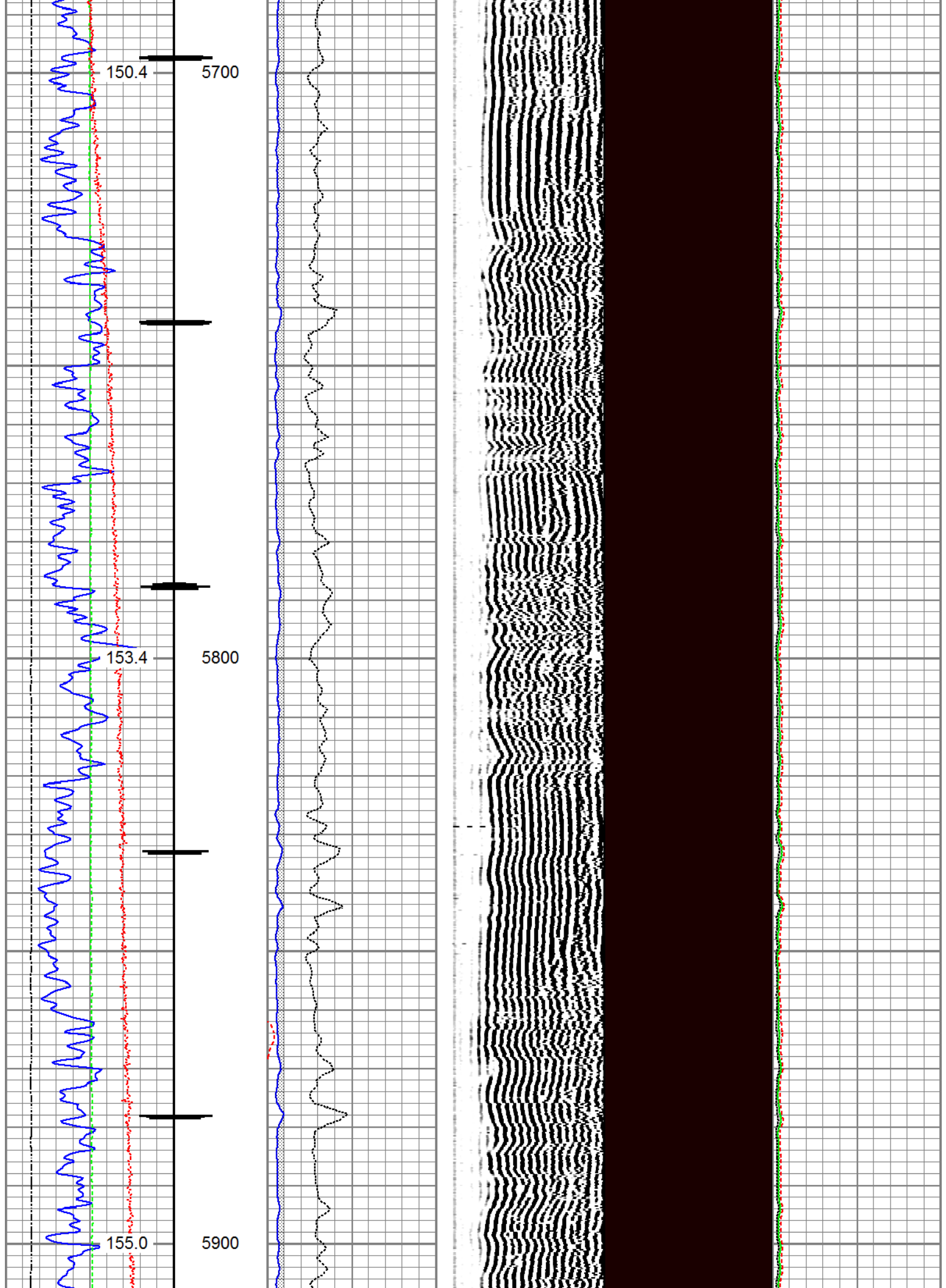


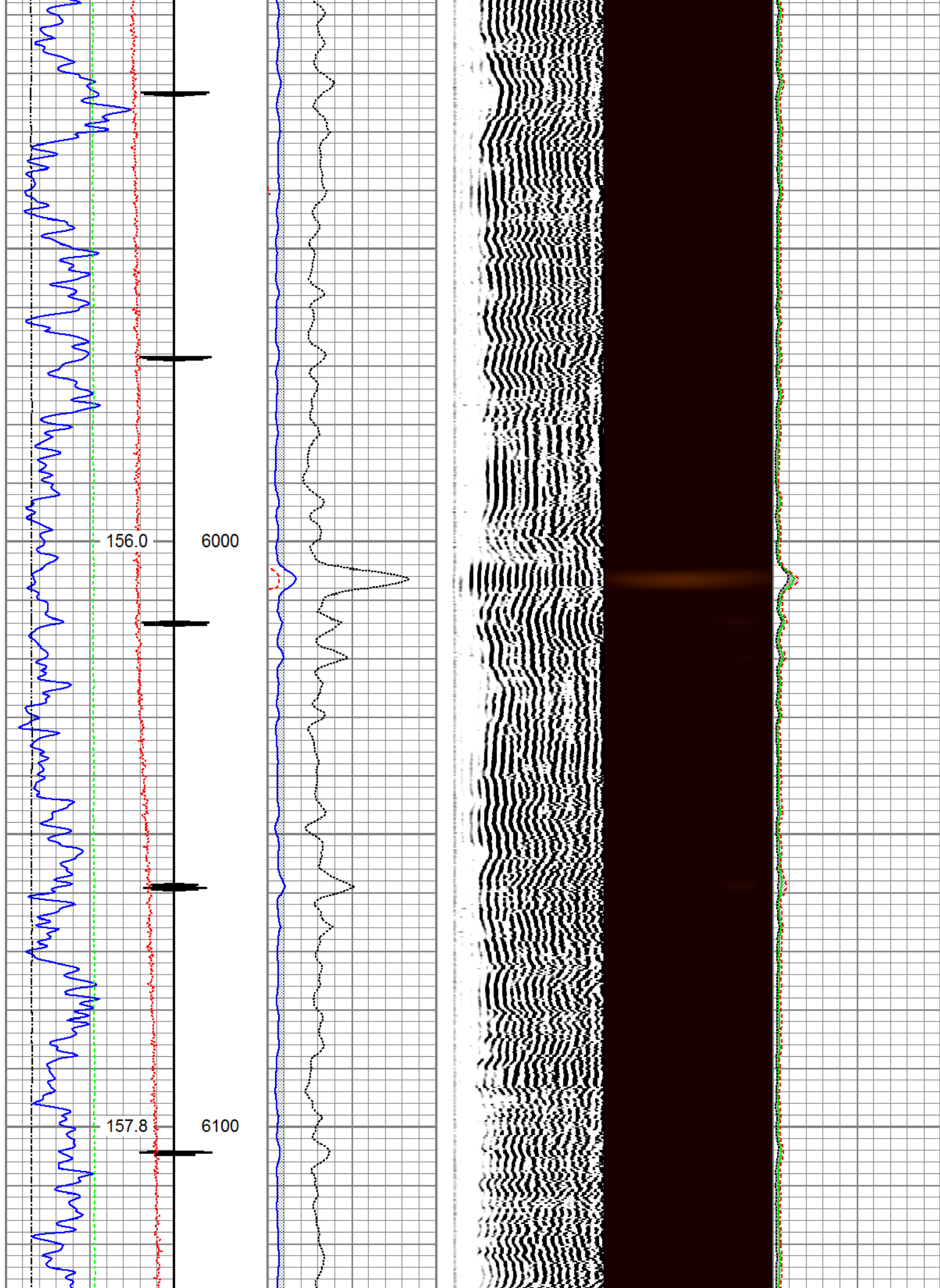


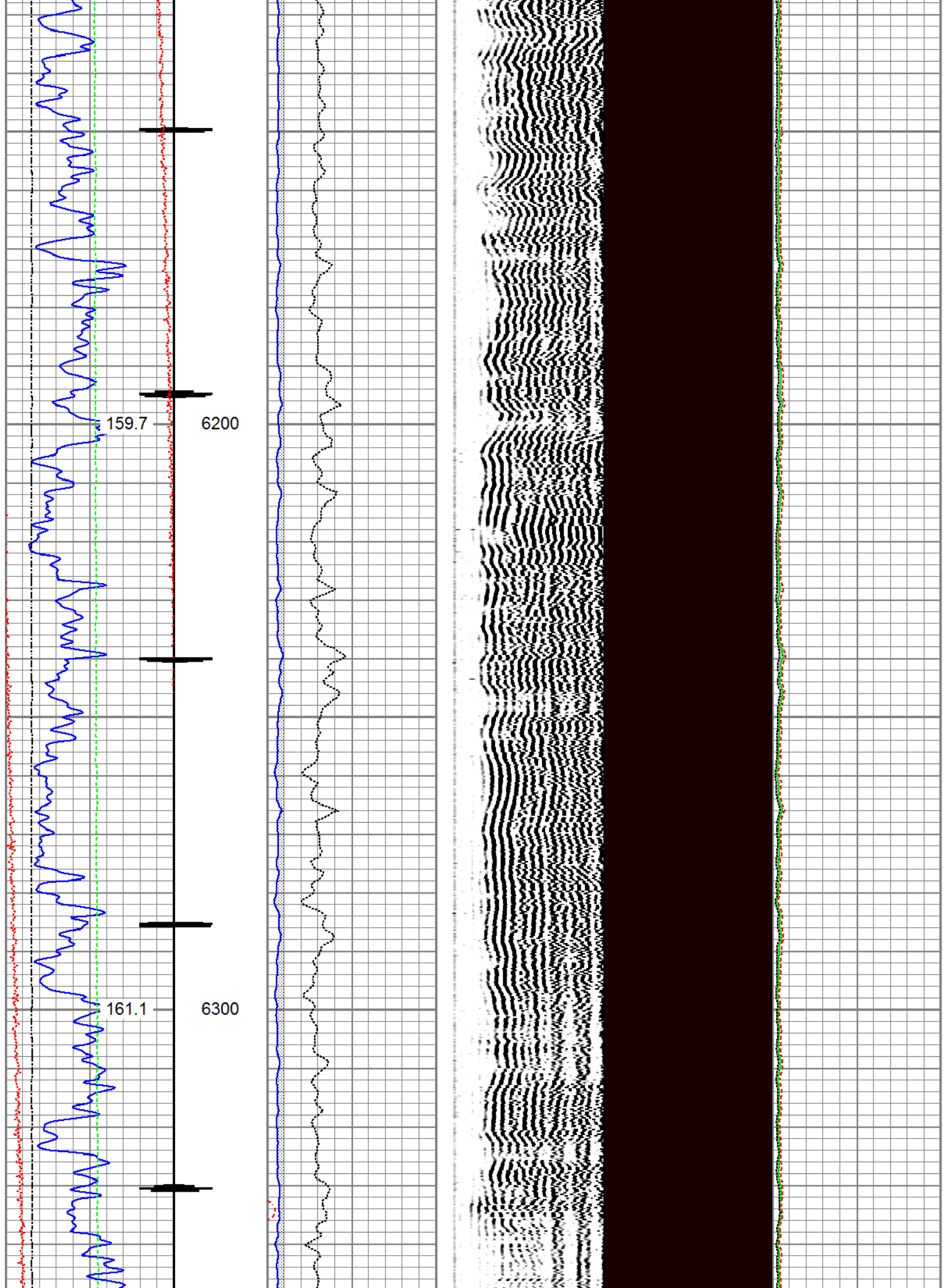


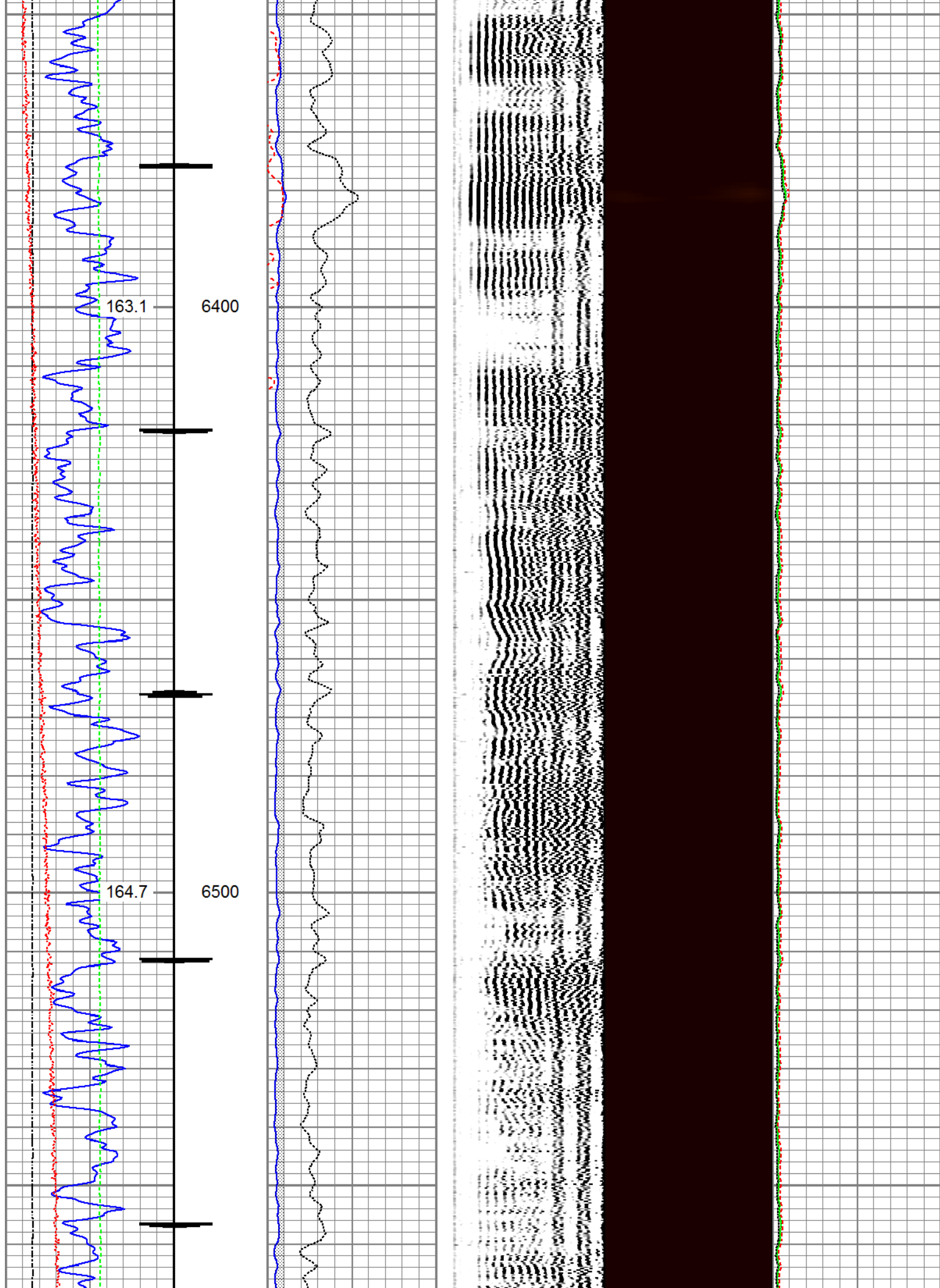


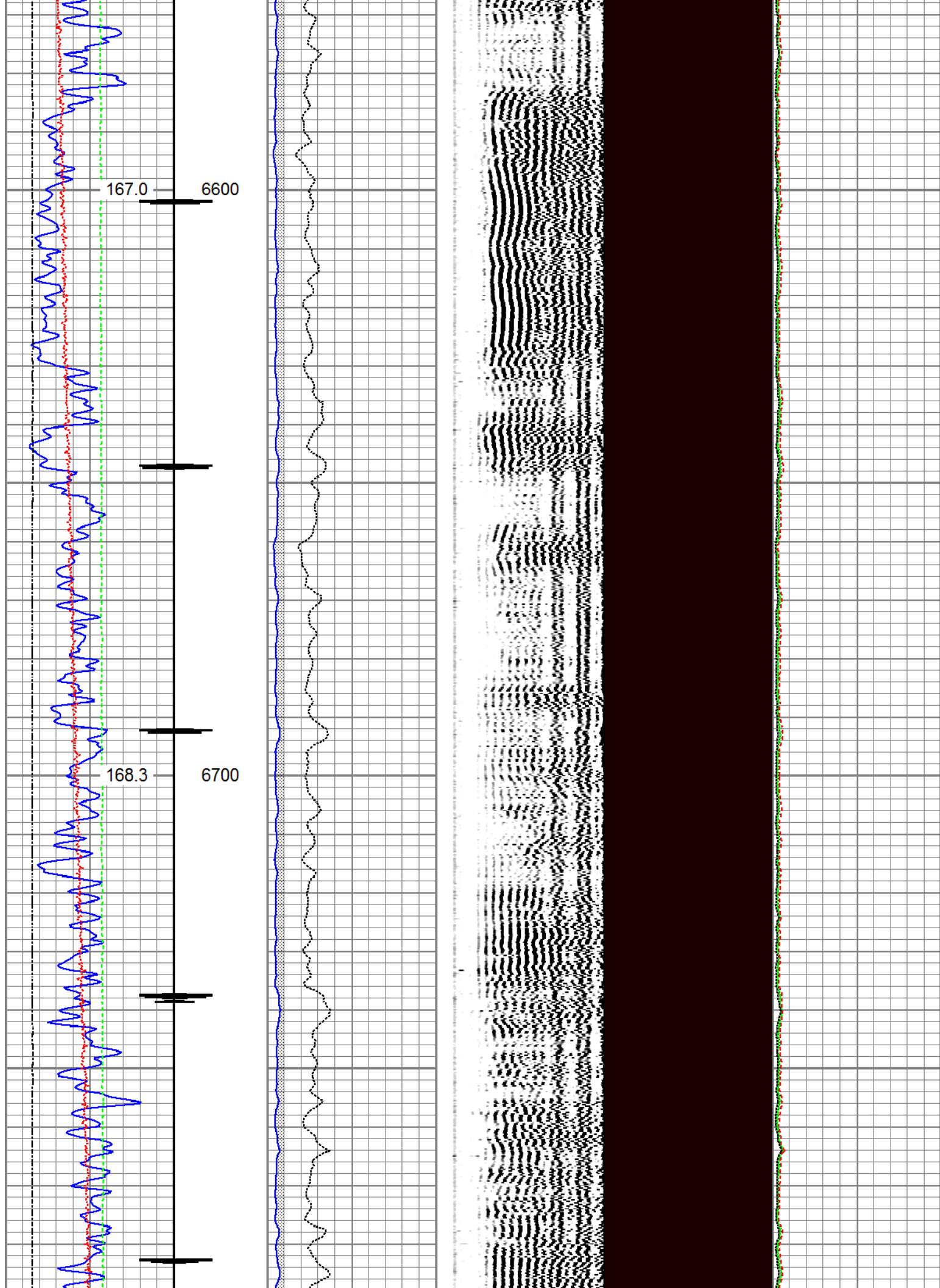


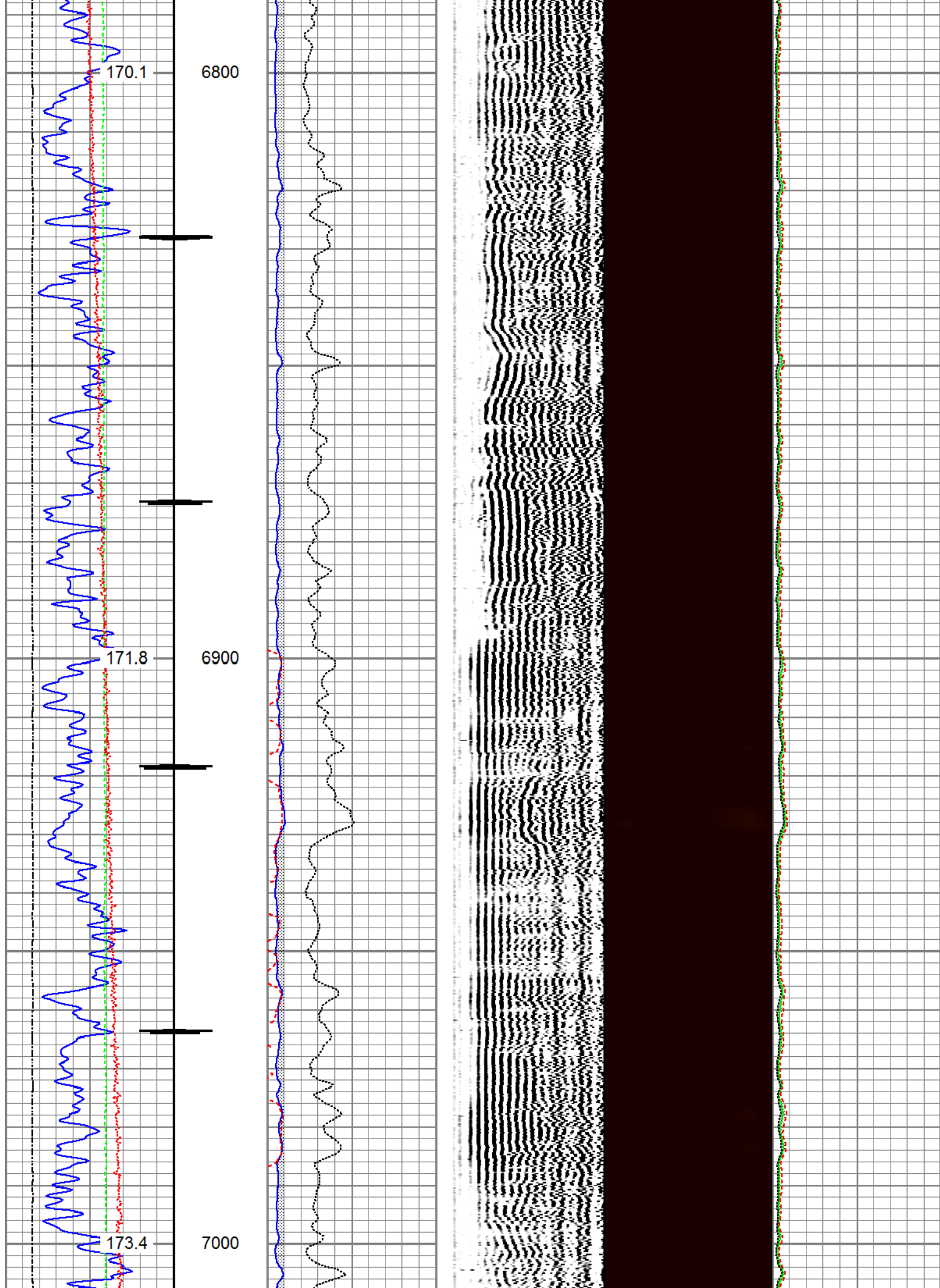


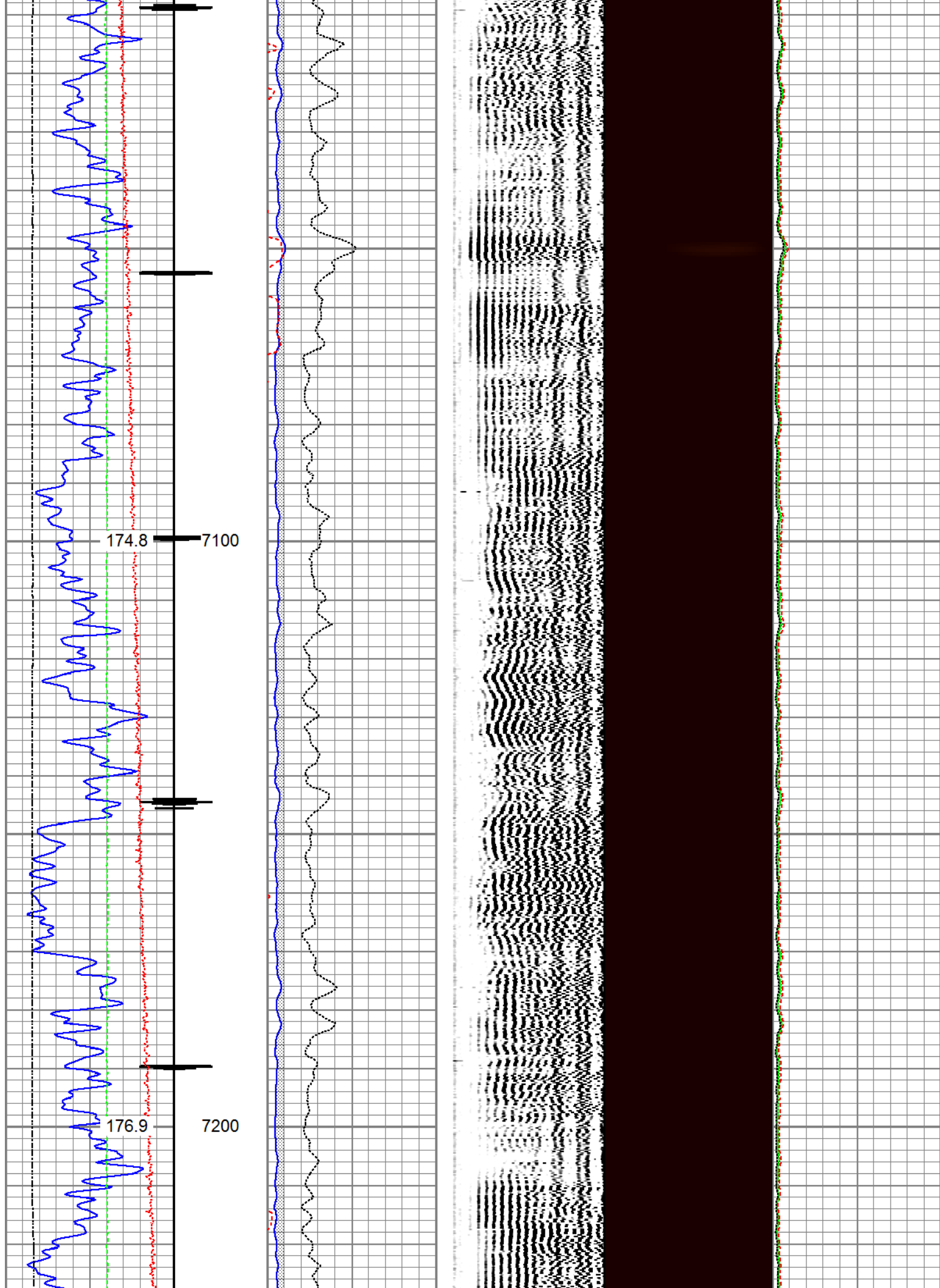


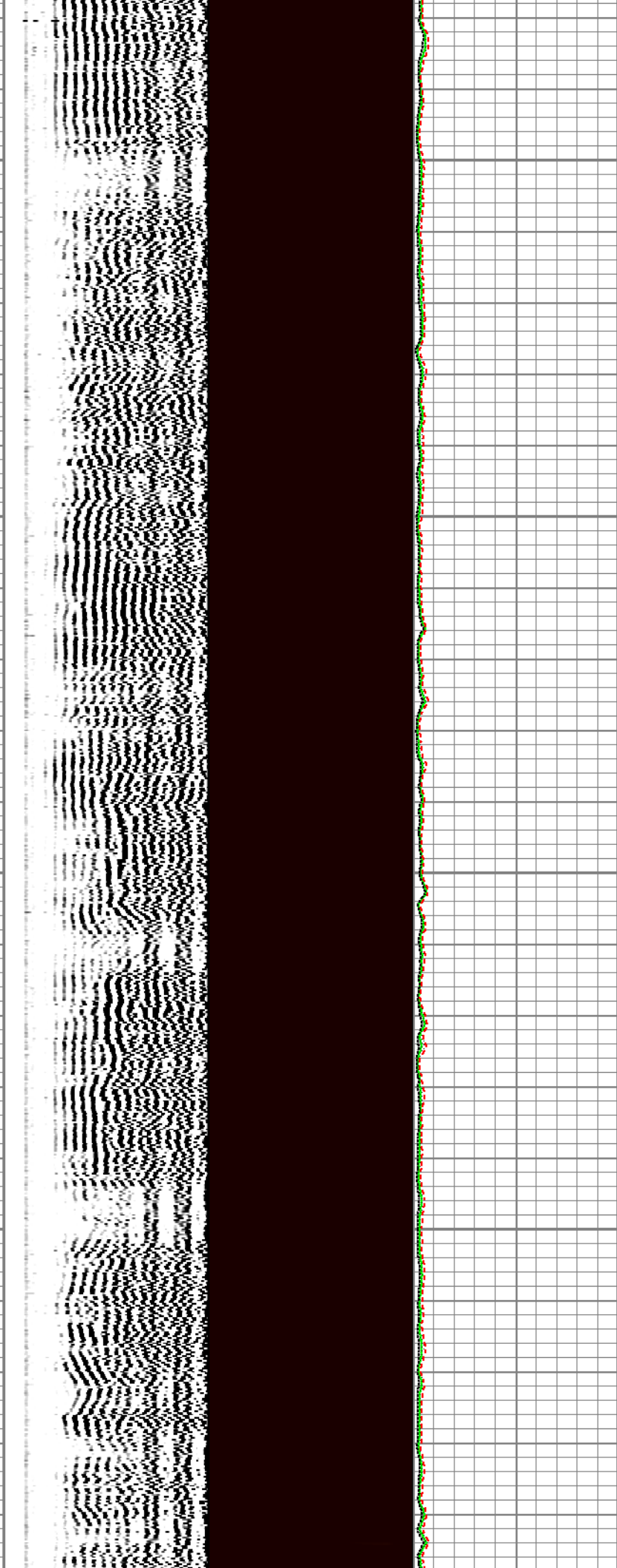
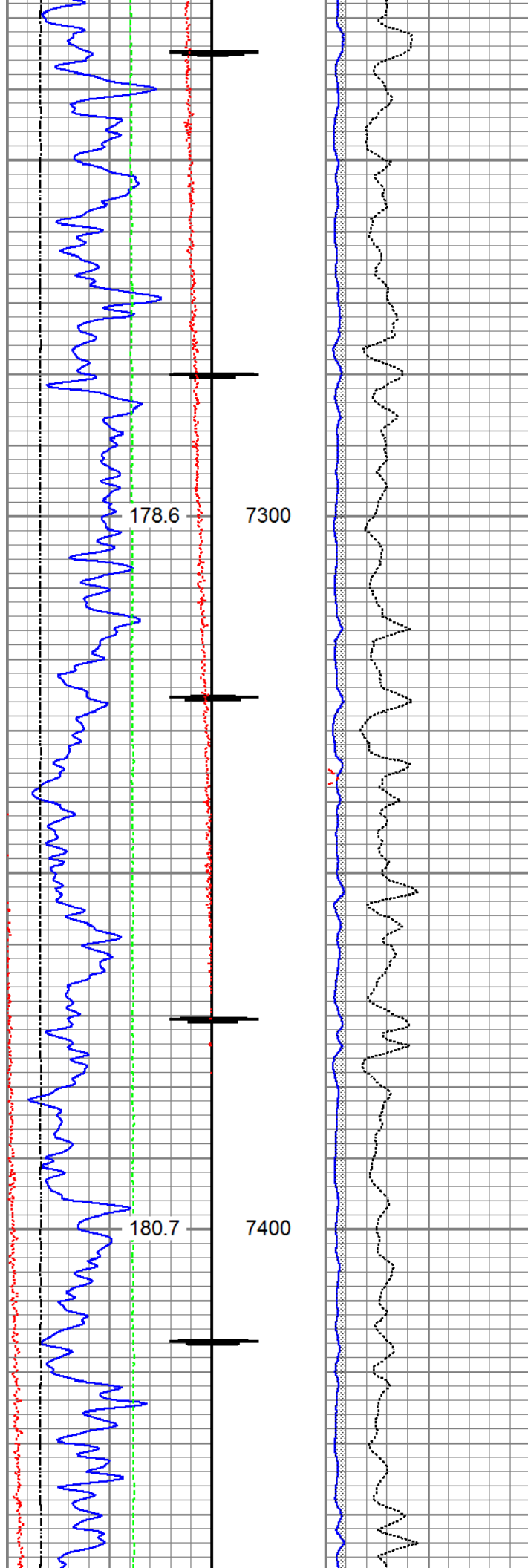


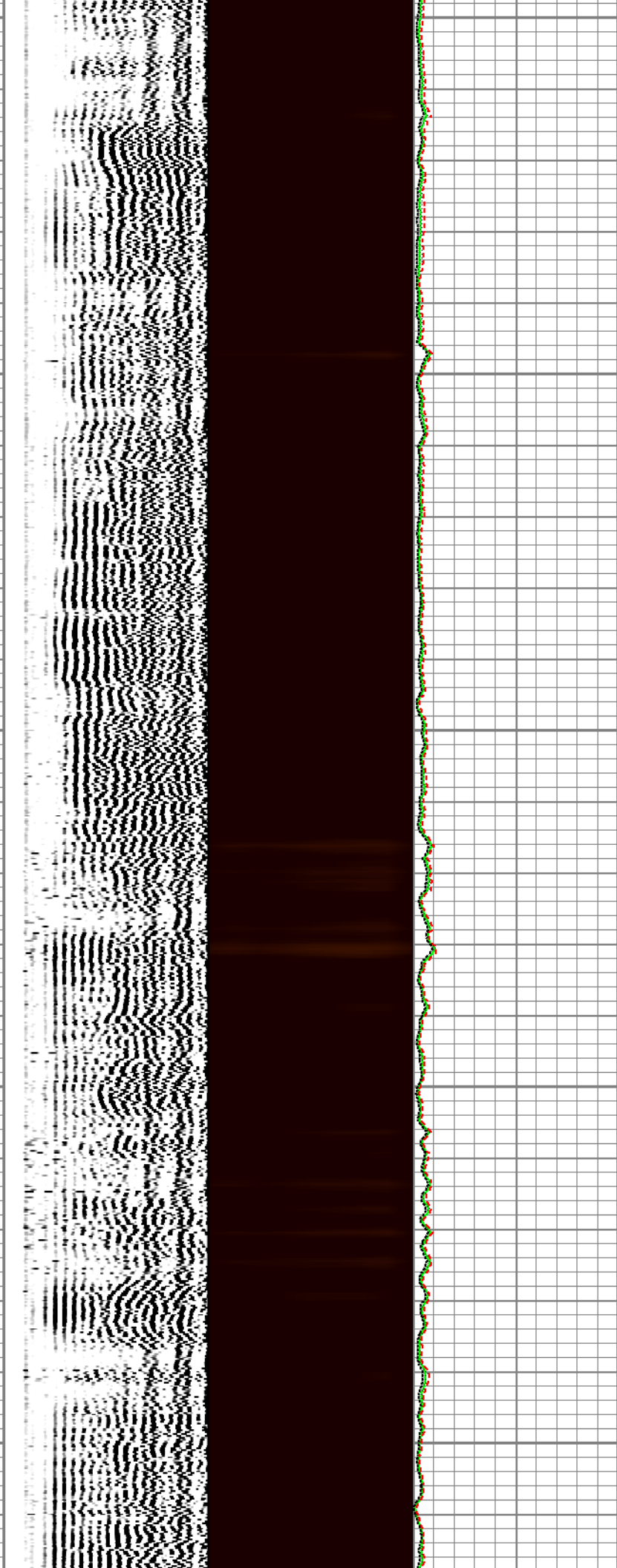
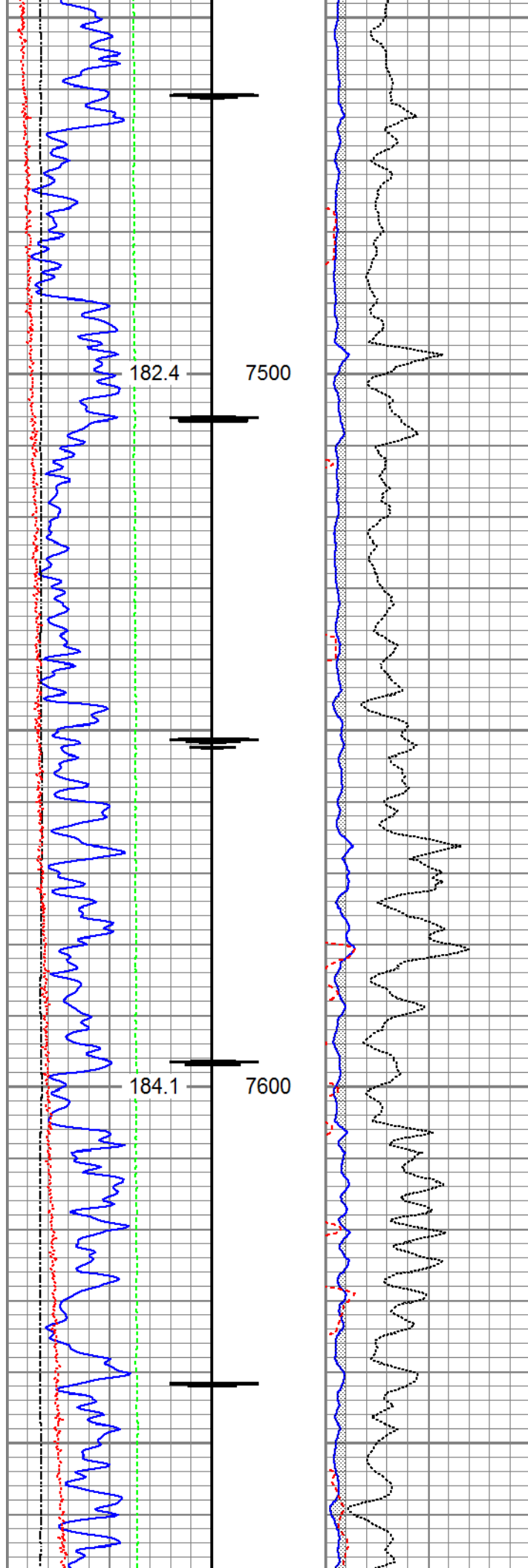


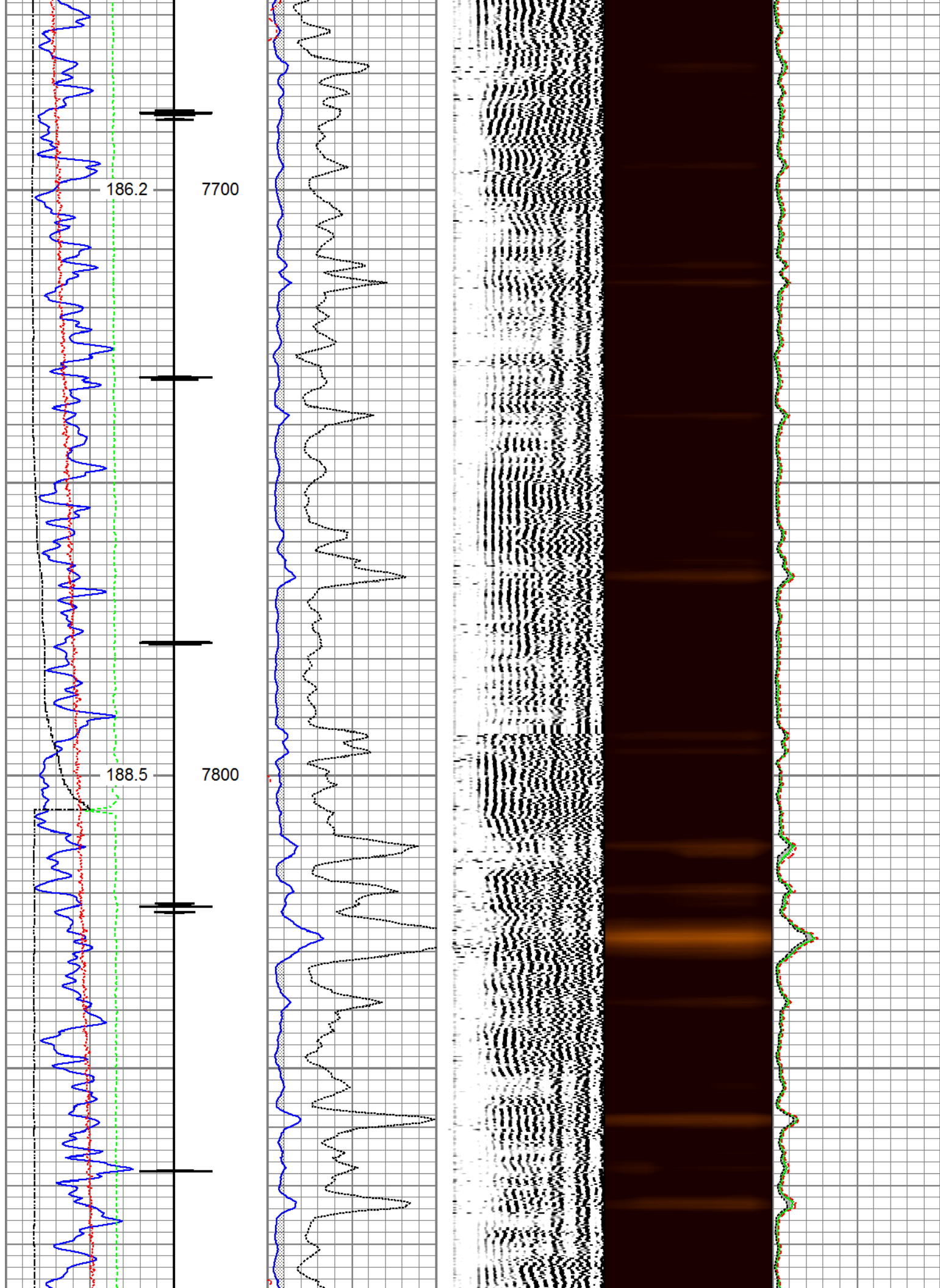


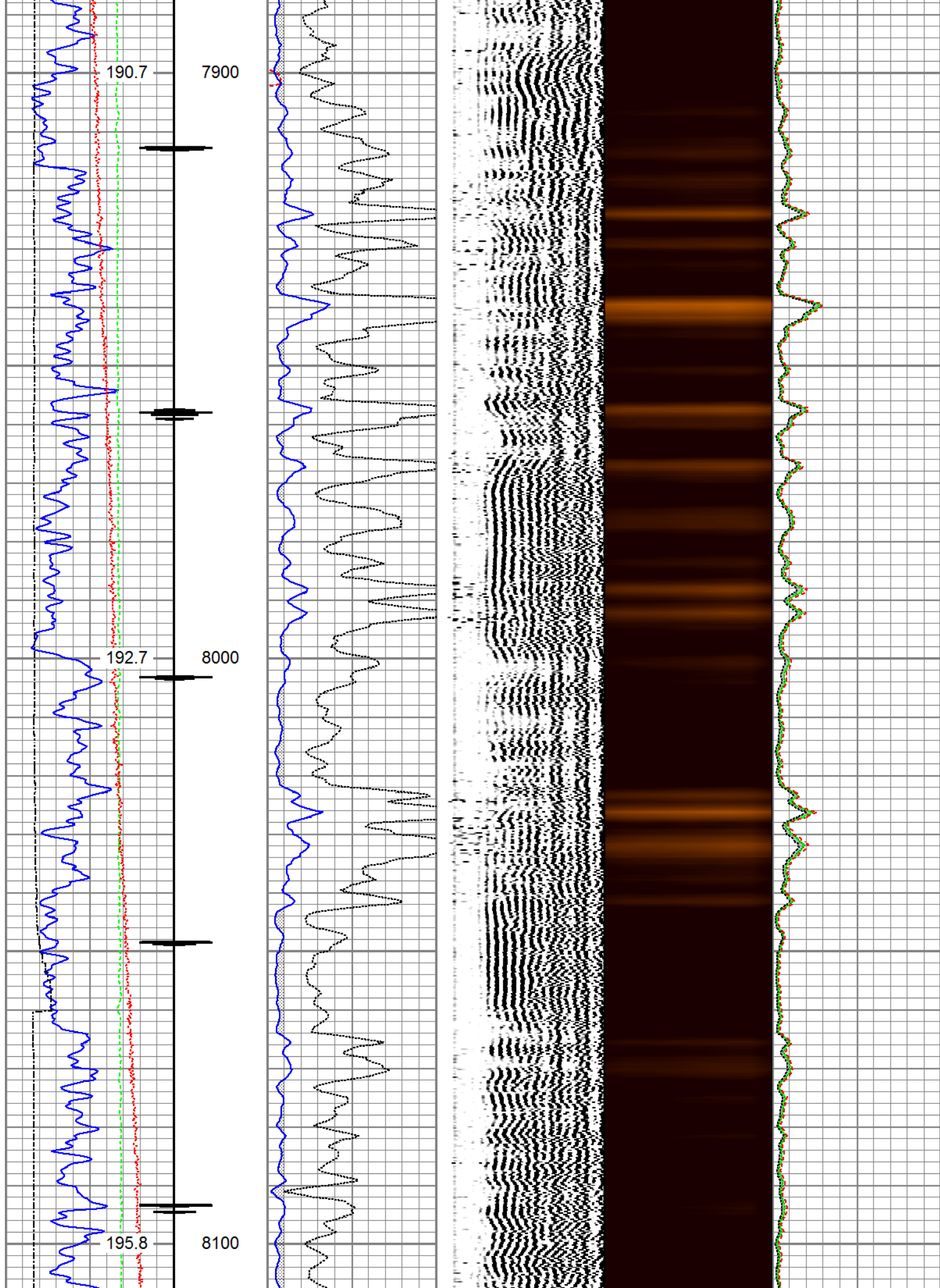


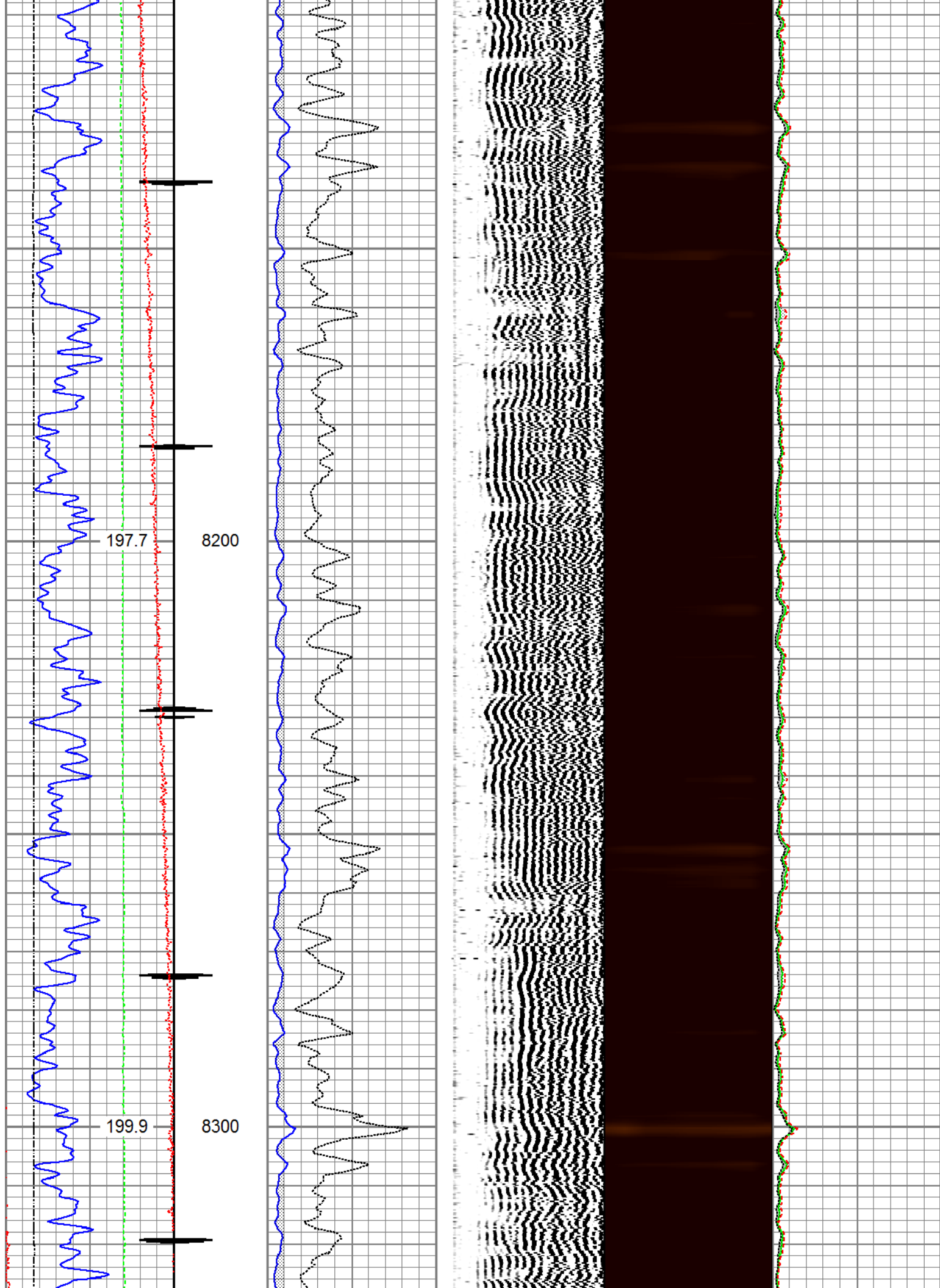


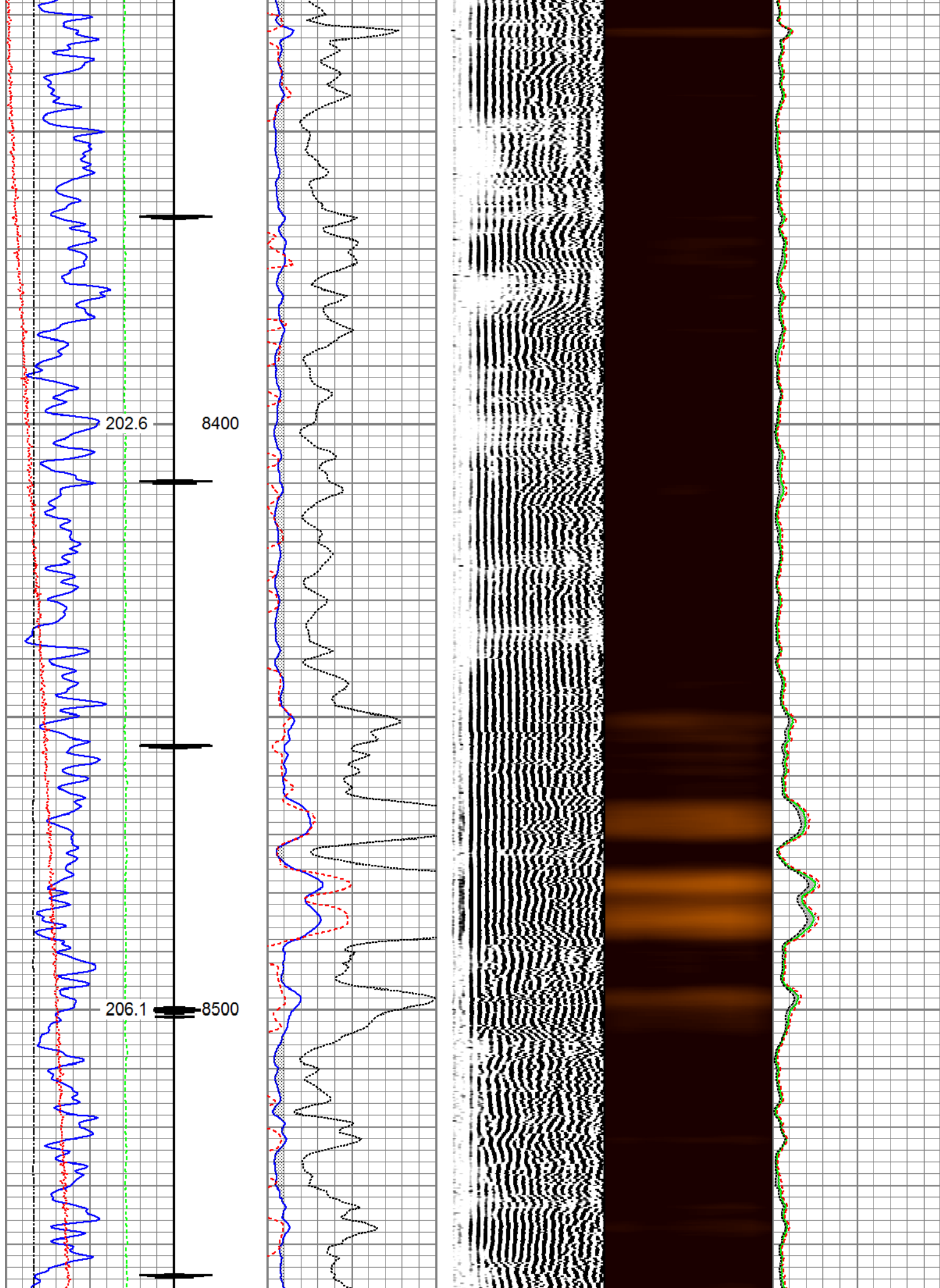


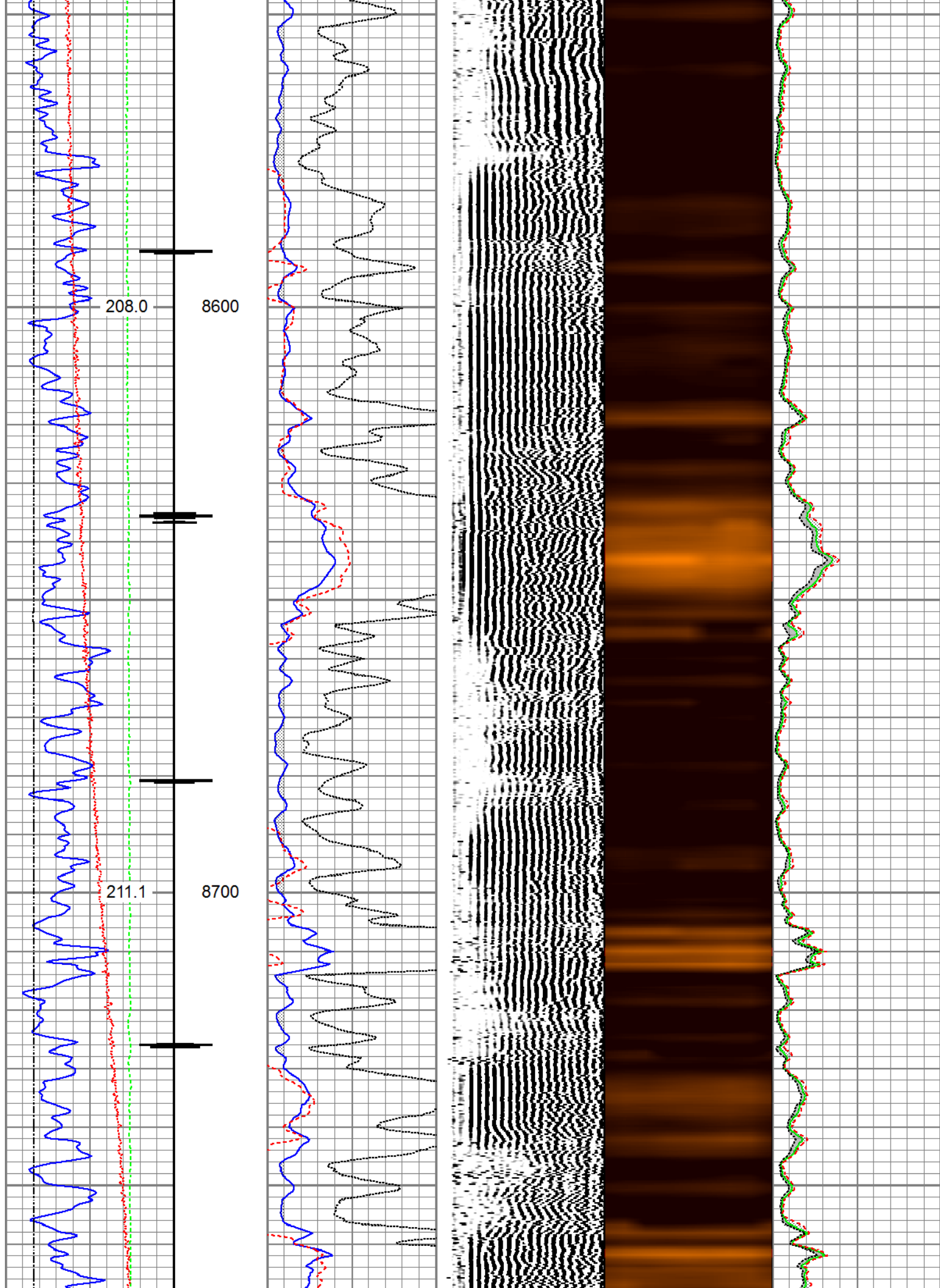


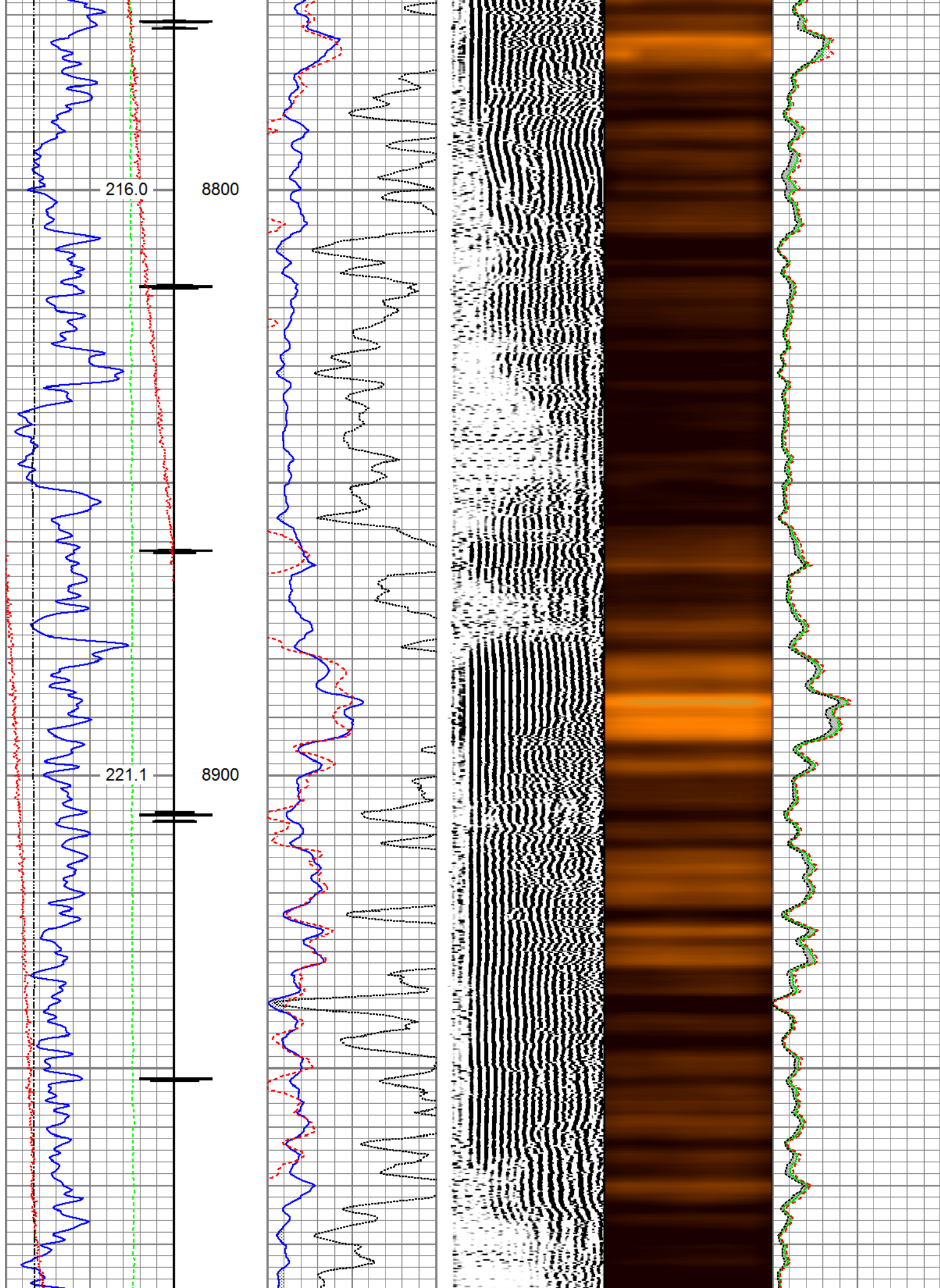


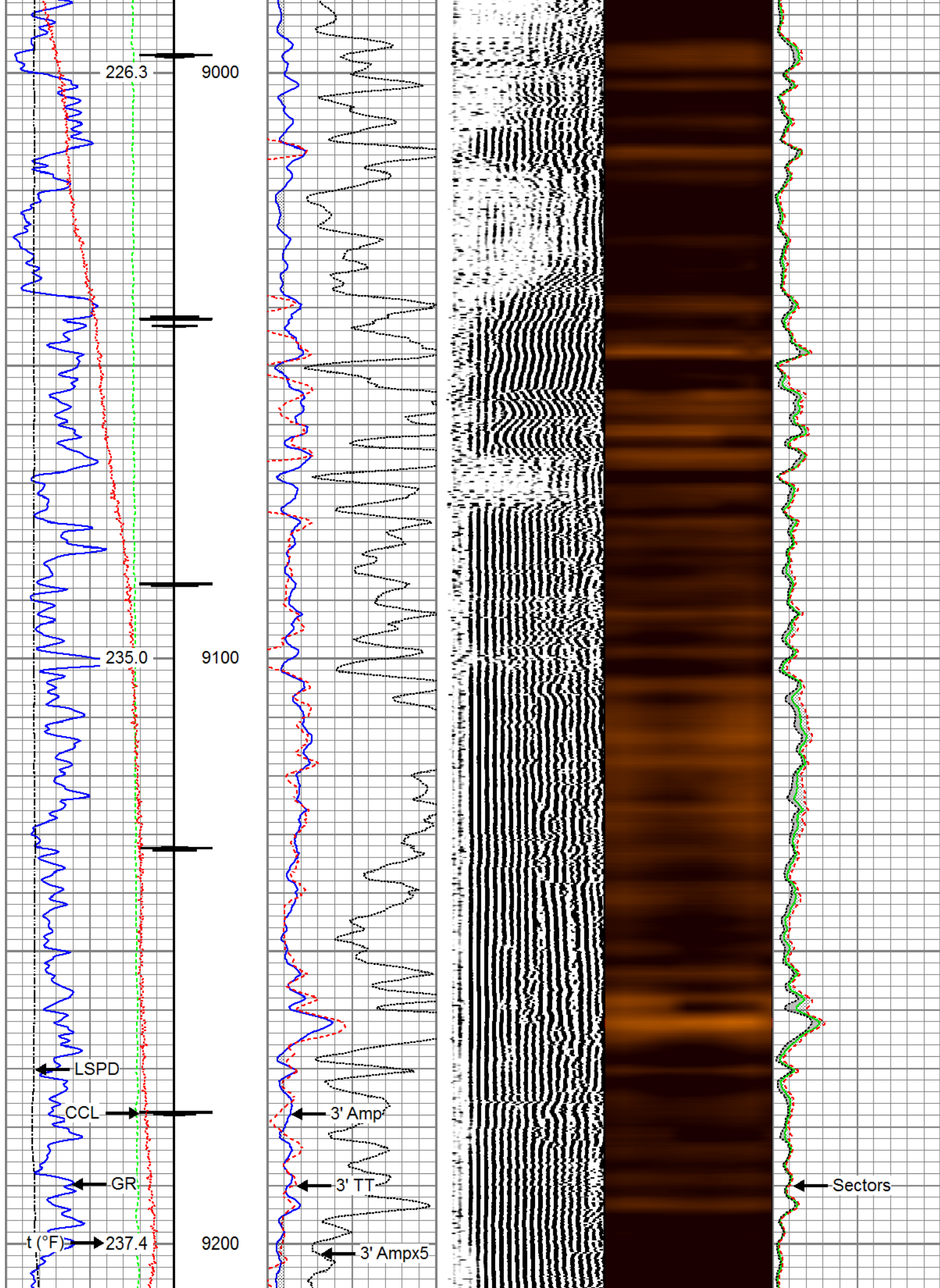


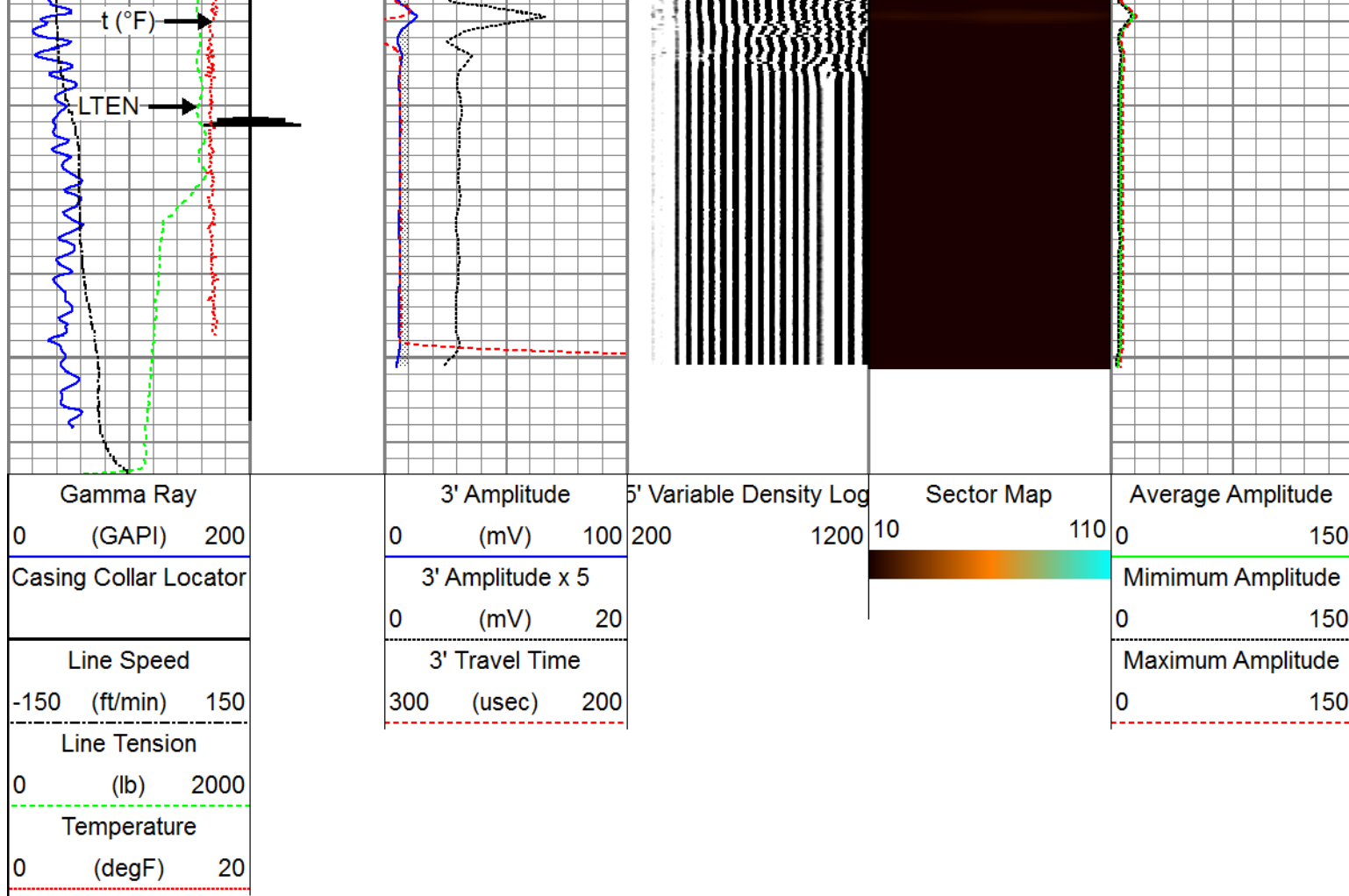








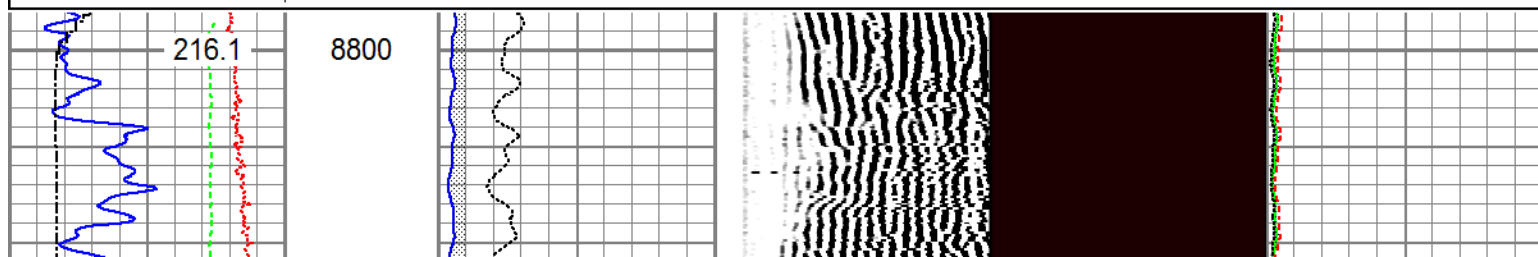
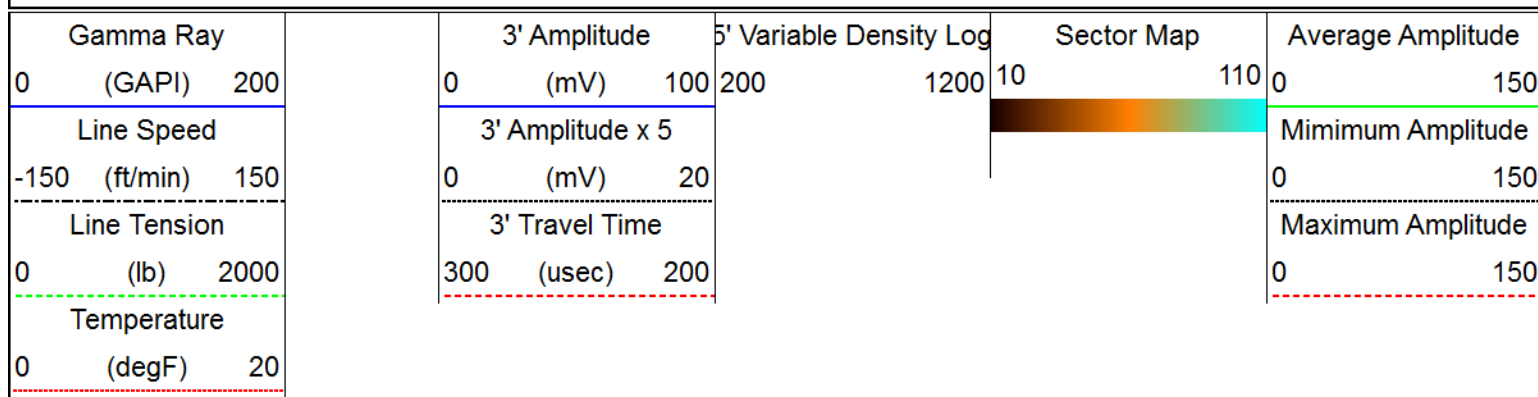


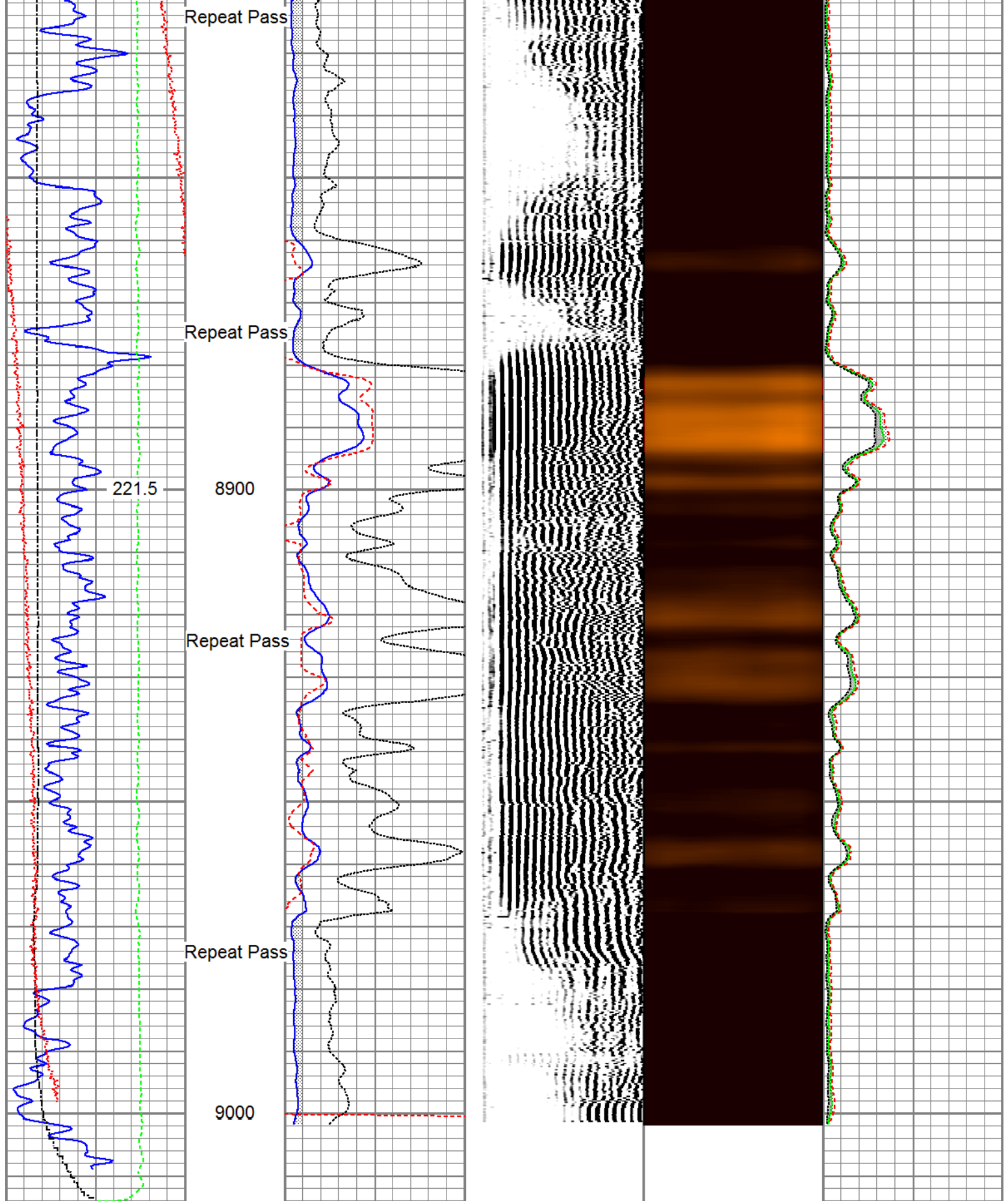


Repeat Pass

Recorded with 0 PSI Surface Induced Pressure

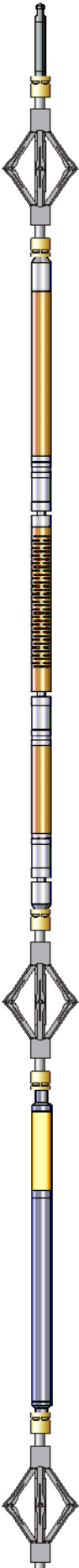
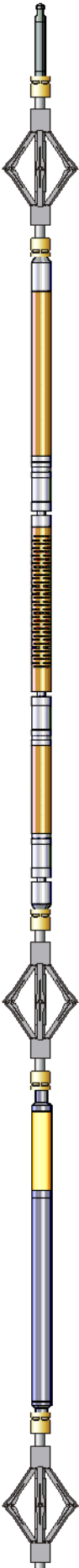
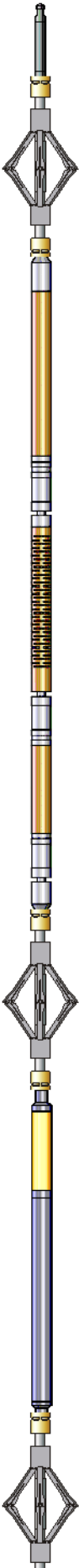
Database File tep_youberg sr 531-12_rbl_07-05-17\processed_tep_youberg sr 531-12_rbl_07-06-17.db
 Dataset Pathname pass2.2
 Presentation Format ros_rbt004_tep
 Dataset Creation Thu Jul 06 16:20:14 2017
 Charted by Depth in Feet scaled 1:240





Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200	0 (mV) 100	200 1200	10 110	0 150
Line Speed	3' Amplitude x 5			Minimum Amplitude
-150 (ft/min) 150	0 (mV) 20			0 150
Line Tension	3' Travel Time			Maximum Amplitude
0 (lb) 2000	300 (usec) 200			0 150

(lb)	2000	(uscc)	200	(lb)	150
Temperature					
0	(degF)	20			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Temp	16.05		Titan_Electric_Cable_Heads-Titan_1-11/16" 1.03 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
WVFS8	13.88		Probe_RADII-C-P_RBT_2750 (FW1305-09) 9.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
WVFS7	13.88					
WVFS6	13.88					
WVFS5	13.88					
WVFS4	13.88					
WVFS3	13.88					
WVFS2	13.88					
WVFS1	13.88					
WVFCAL	13.88					
WVF3FT	13.88					
WVF5FT	12.88					
HeadVolt	9.63					
DCCL CCL	6.18		DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
	6.18					
GR	3.44		Probe_GR_CCL-P_CGR_2750_S (FW1211) 4.54 Probe 2-3/4" Digital CCL / Gamma Ray Combined	4.54	2.75	55.00
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

Dataset:	processed_tep_youberg sr 531-12_rbl_07-06-17.db: field/well/run1/pass4.2
Total length:	22.40 ft
Total weight:	261.40 lb
O.D.:	2.75 in

Calibration Report

Database File	c:\programdata\warrior\data\tep_youberg sr 531-12_rbl_07-05-17\processed_tep_youberg sr 531-12_
Dataset Pathname	pass4.2
Dataset Creation	Thu Jul 06 16:11:50 2017

Gamma Ray Calibration Report

Serial Number:	FW1211-081	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:31:52 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6061	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1305-098	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	414.248	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.028	0.519	0.800	81.196	146.957	4.886
CAL	-0.006	0.766				
5'	0.000	0.424	0.800	81.196	189.911	0.748
SUM						
S1	-0.019	0.656	0.000	100.000	148.154	2.805
S2	-0.020	0.580	0.000	100.000	166.663	3.288
S3	-0.018	0.557	0.000	100.000	173.830	3.170
S4	-0.020	0.565	0.000	100.000	170.863	3.461
S5	-0.025	0.577	0.000	100.000	166.228	4.162
S6	-0.027	0.560	0.000	100.000	170.485	4.553
S7	-0.028	0.528	0.000	100.000	179.762	5.096
S8	-0.033	0.549	0.000	100.000	171.858	5.664

Internal Reference Calibration, performed Fri May 05 10:29:14 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.766	1.000	0.000

Air Zero Calibration, performed Wed Jul 05 14:16:55 2017:

	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	TEP Rocky Mountain LLC
	Well	Youberg SR 531-12
	Field	Rulison
	County	Garfield
	State	Colorado