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Comments

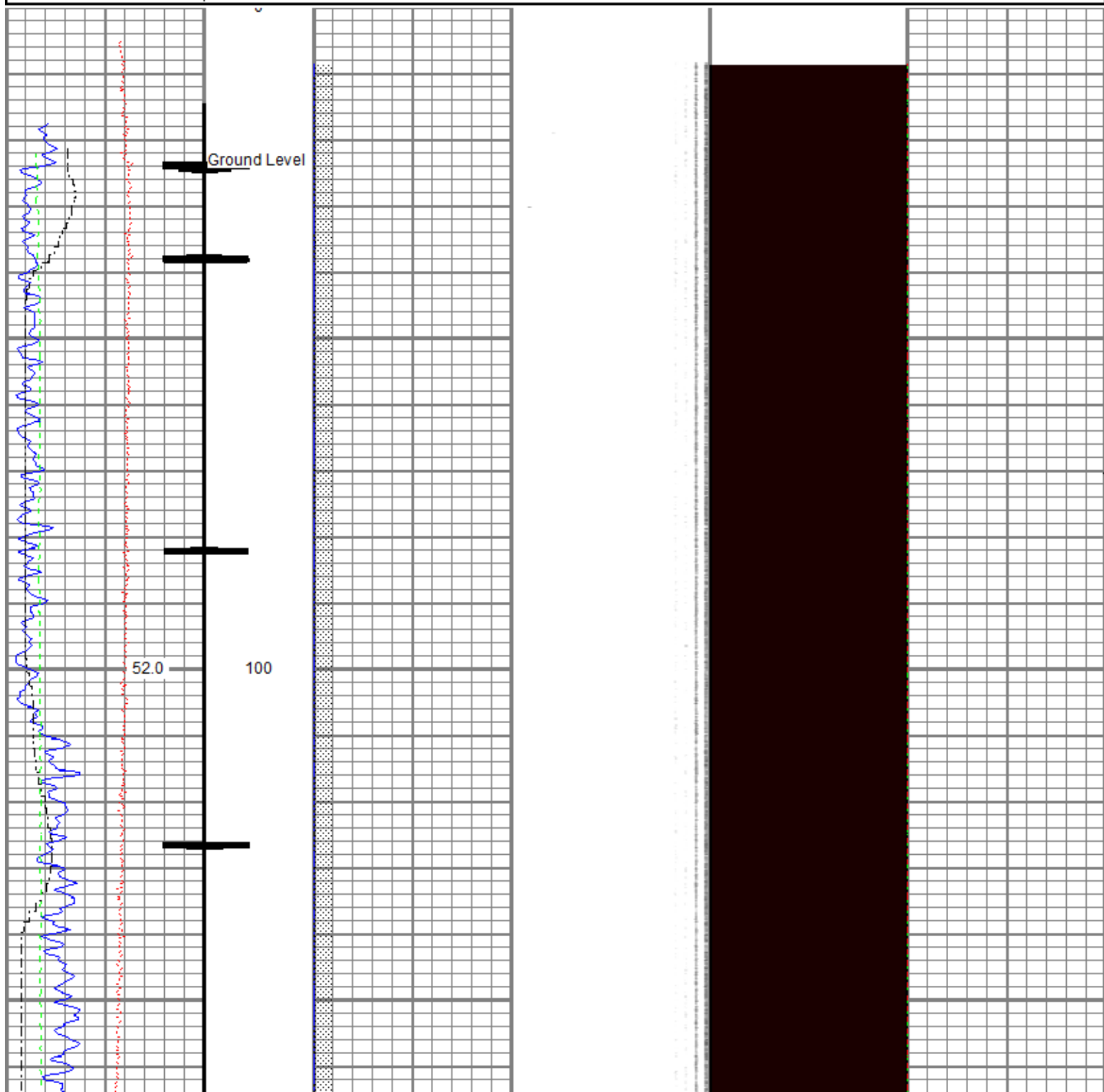
Thank you for choosing Reliance Oilfield Services, LLC!!

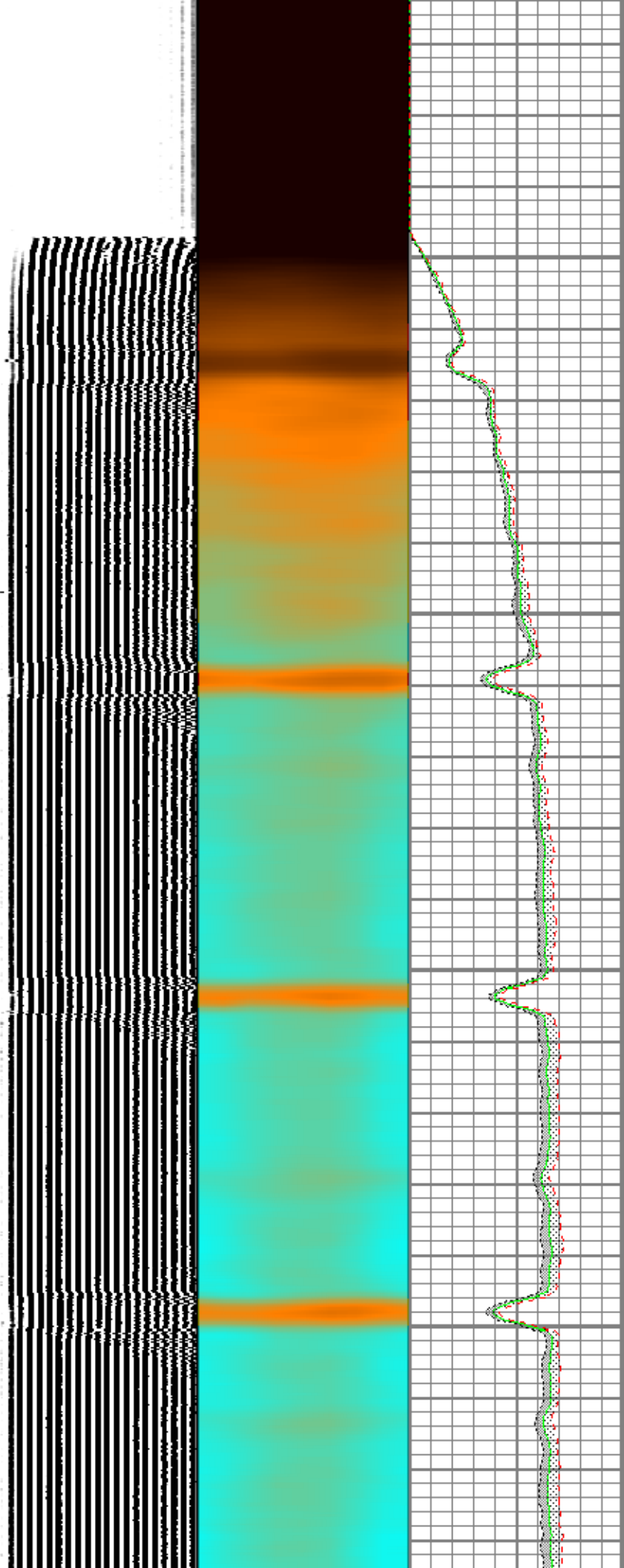
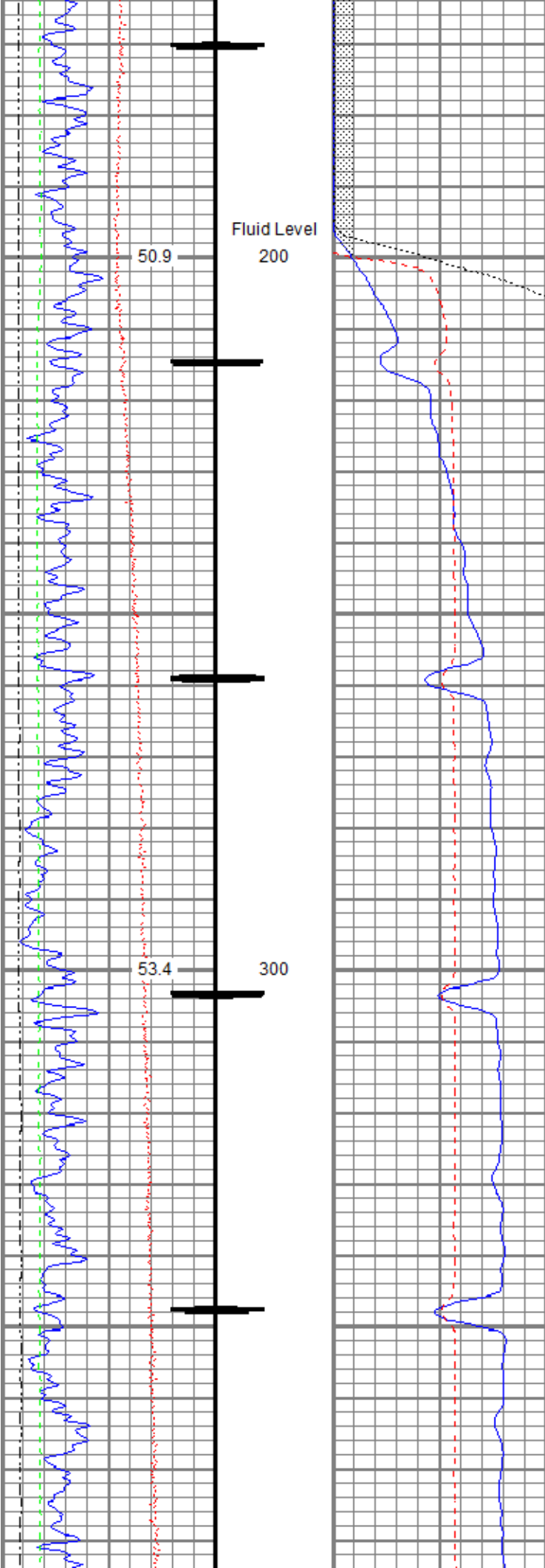


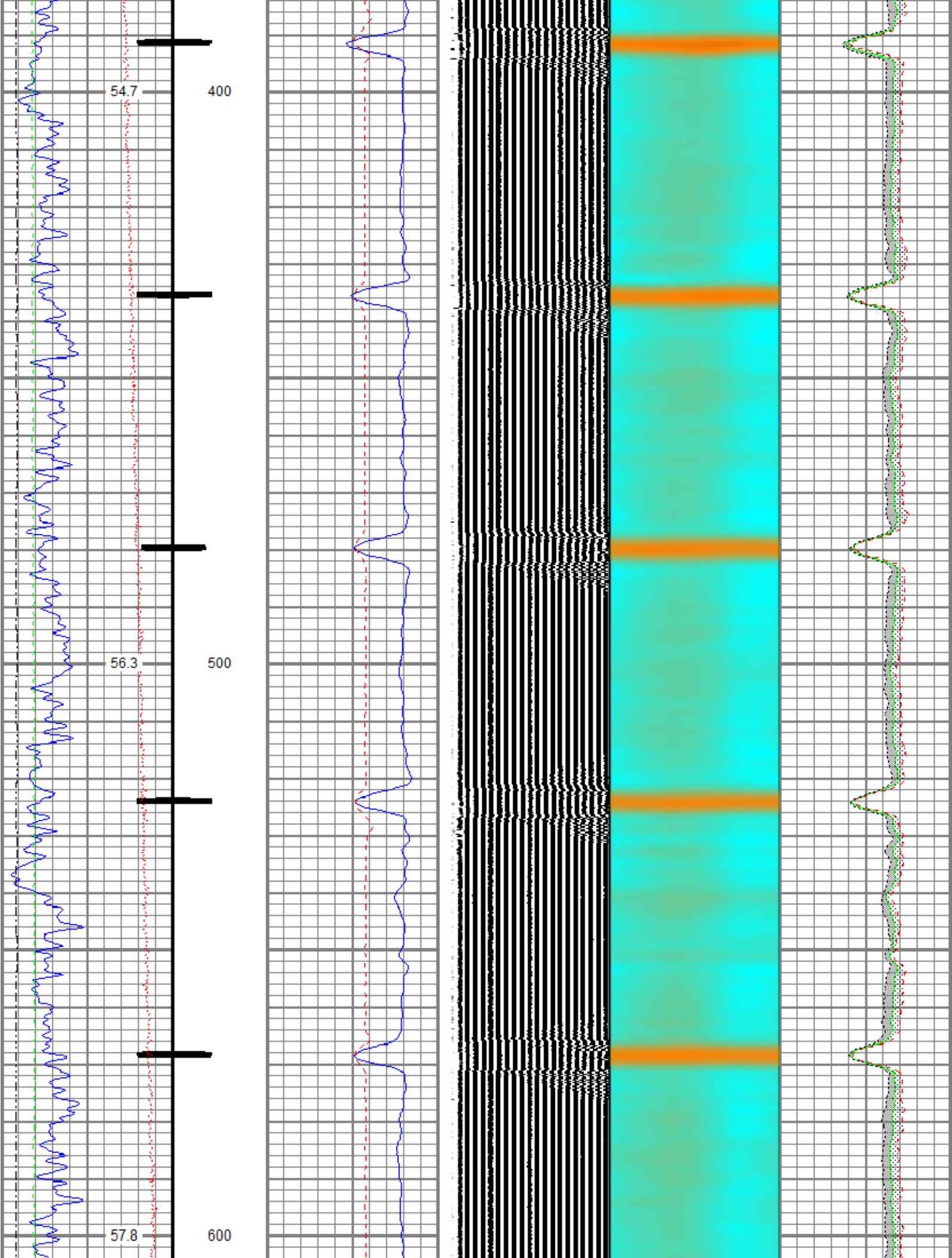
RELIANCE
OILFIELD SERVICES

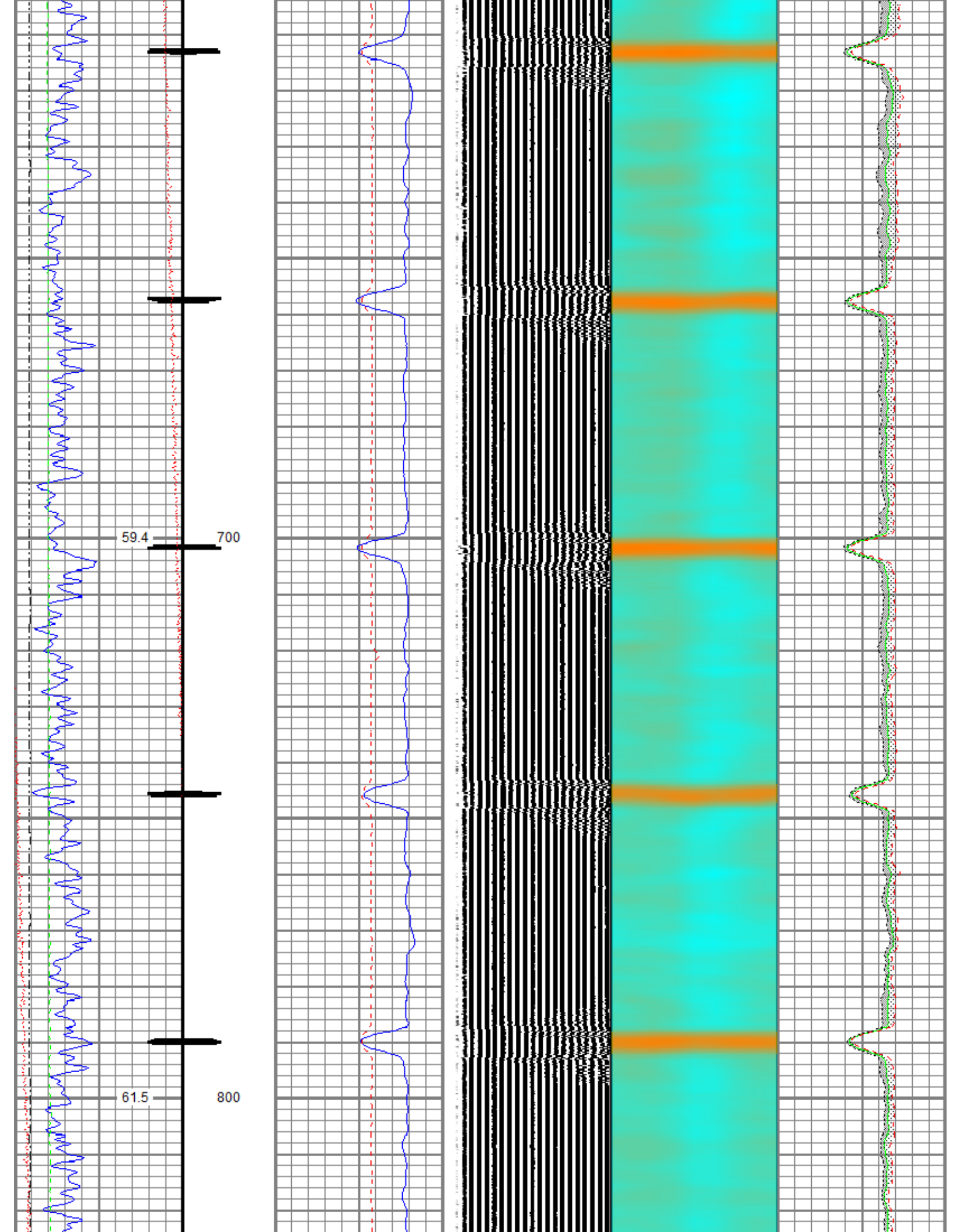
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 Dataset Pathname main
 Presentation Format ros_rbt004_tep
 Dataset Creation Fri Dec 08 11:58:57 2017
 Charted by Depth in Feet scaled 1:240

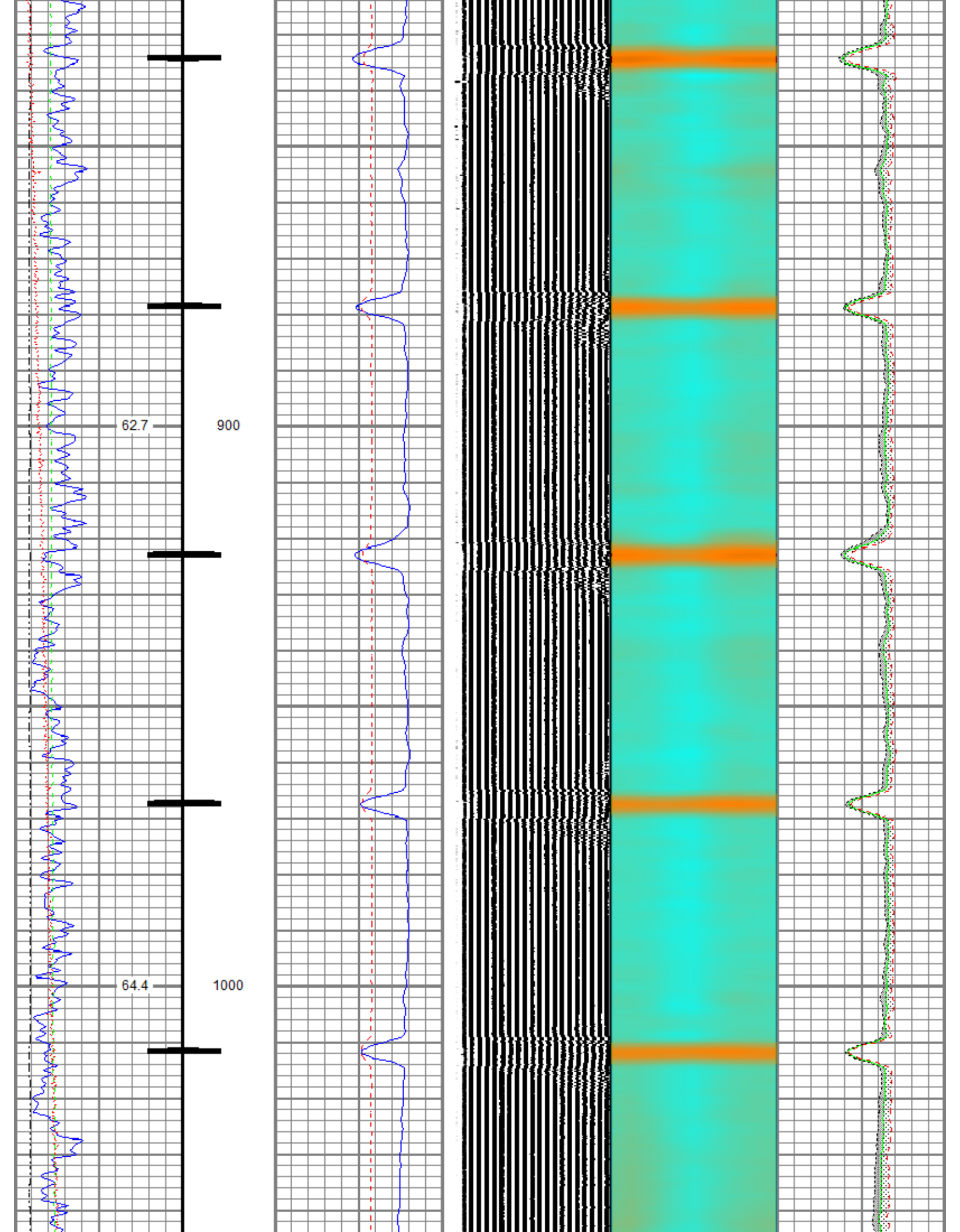
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 150
(GAPI) 200		3' Amplitude x 5	200	10		Minimum Amplitude
Casing Collar Locator		(mV) 20	1200			0
Line Speed		3' Travel Time				Maximum Amplitude
-150 (ft/min) 150		300 (usec) 200				0
Line Tension (lb) 2000			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

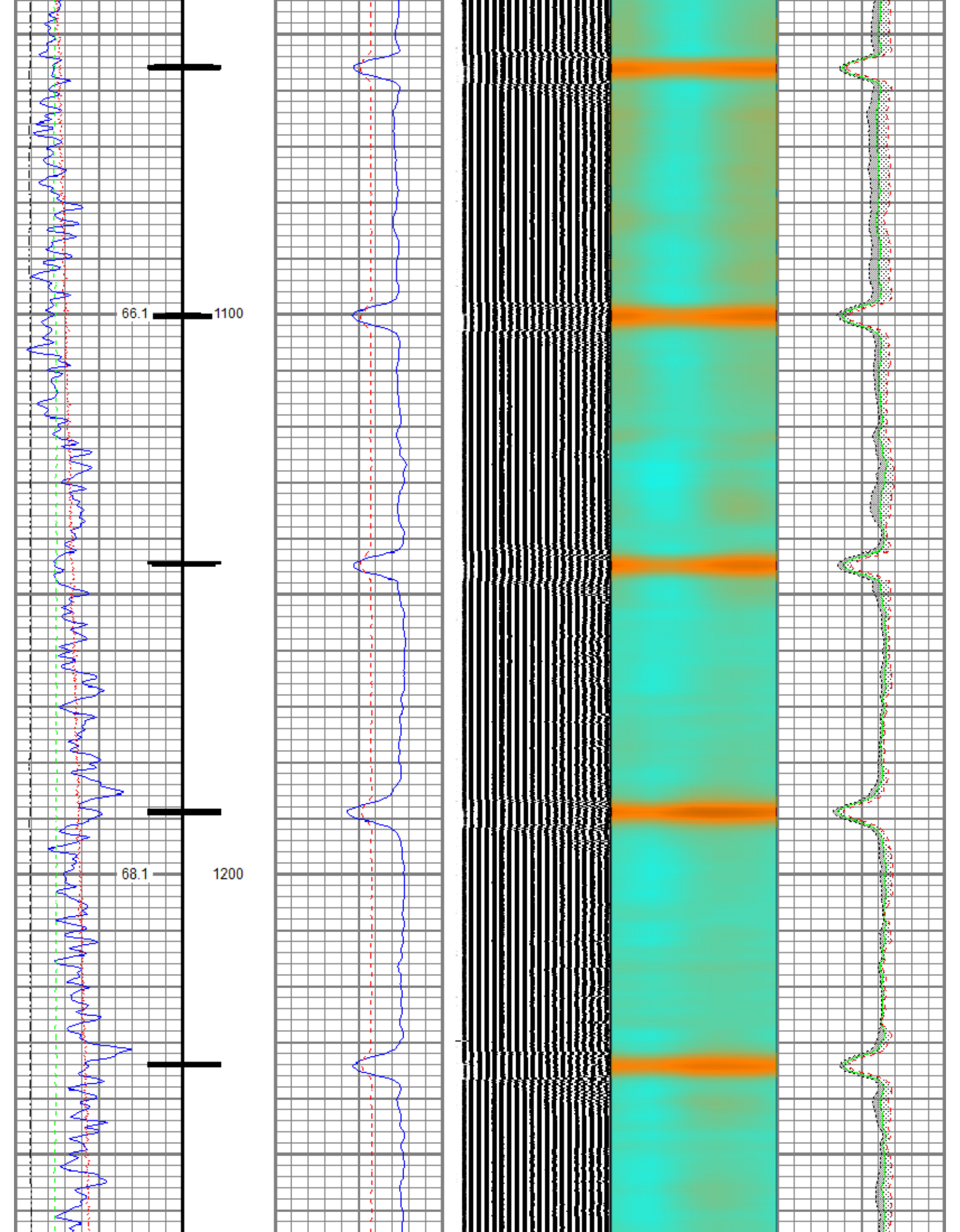


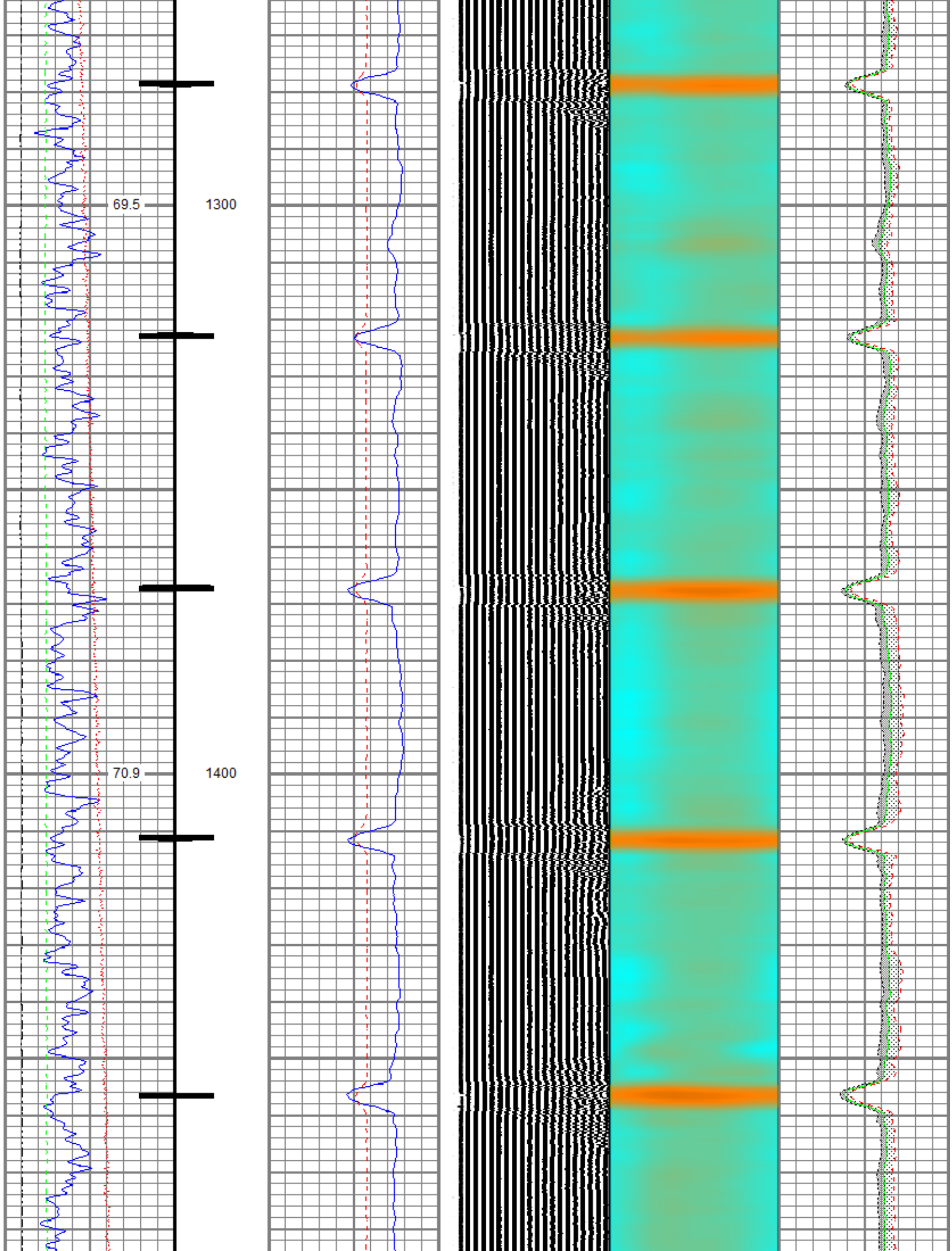


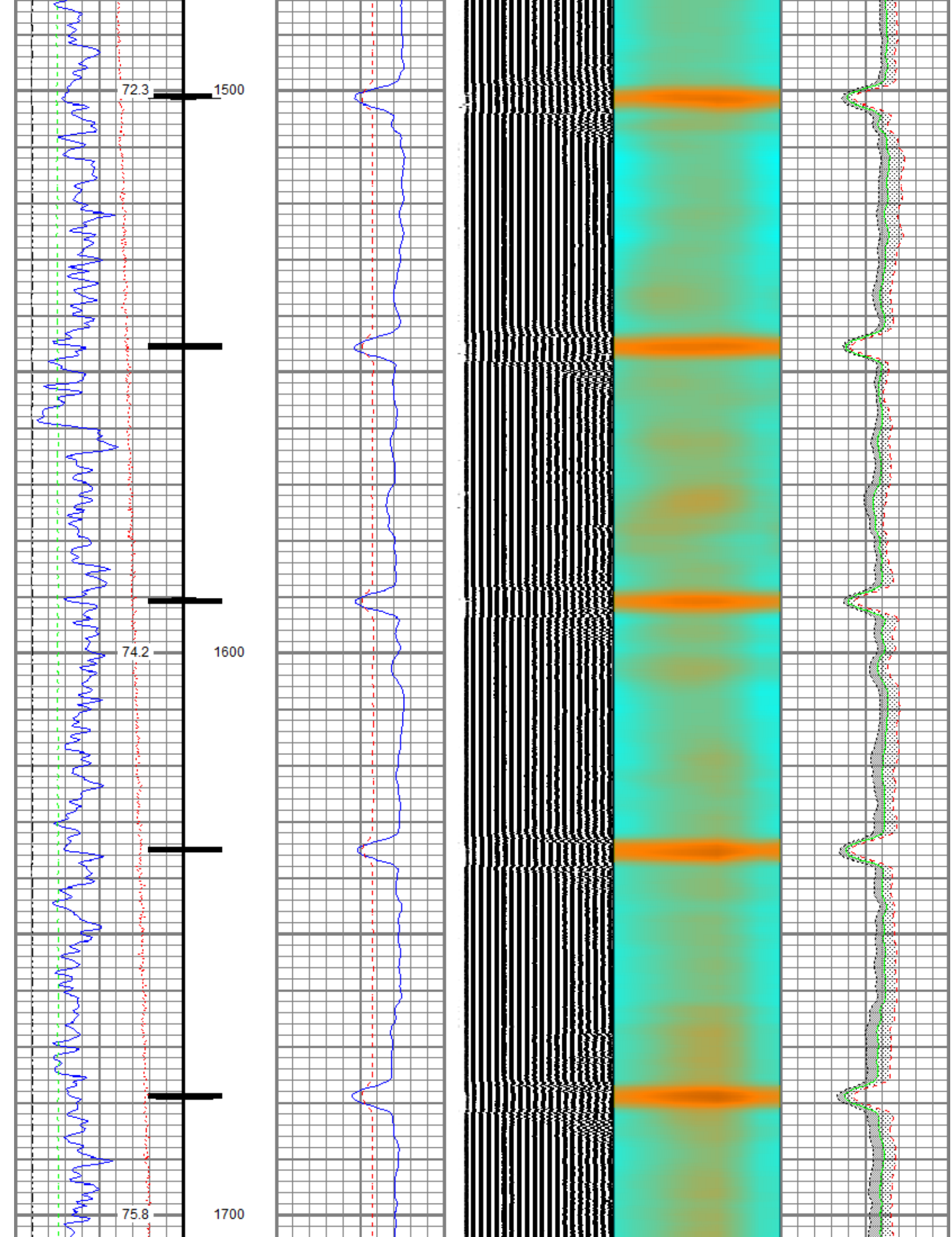


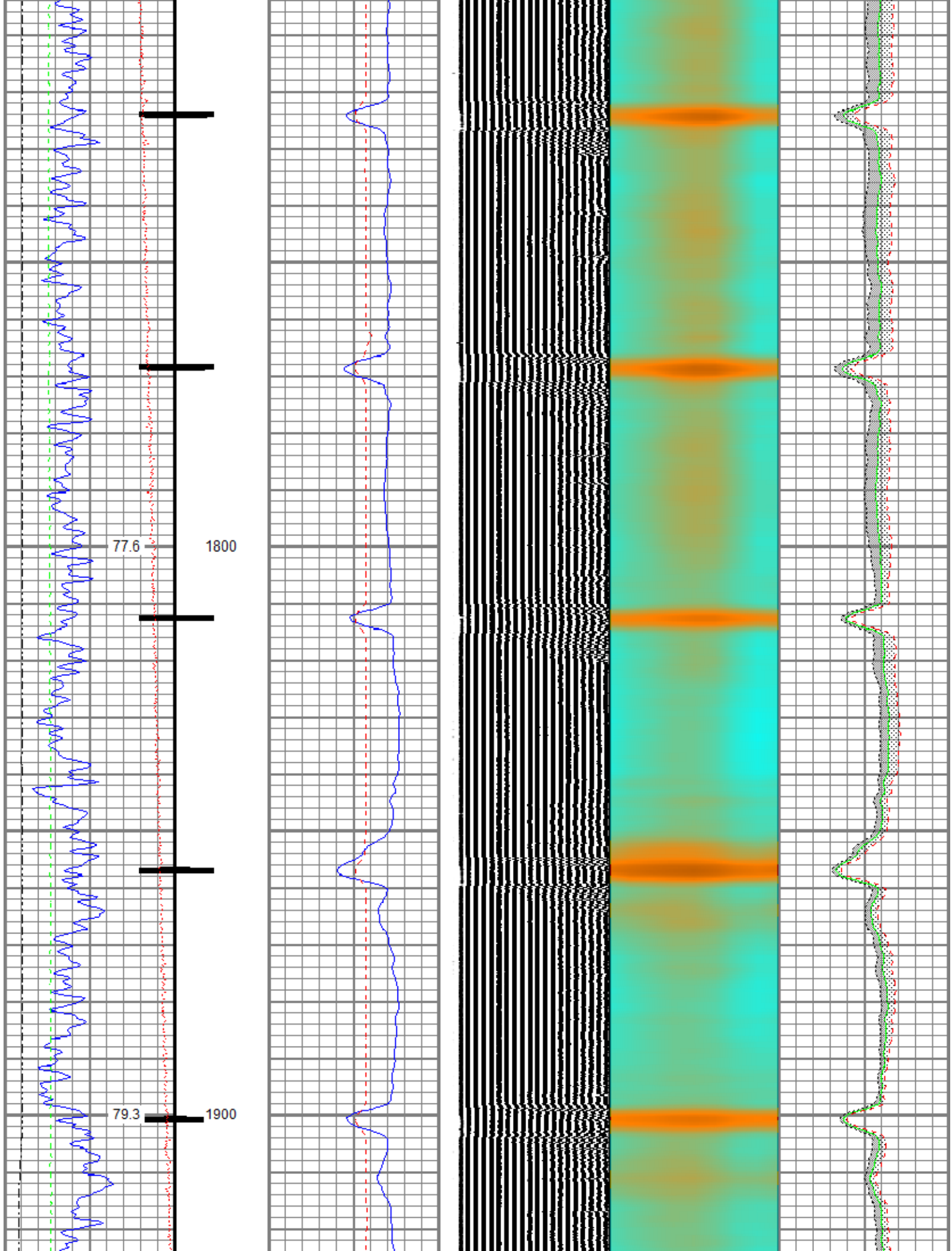


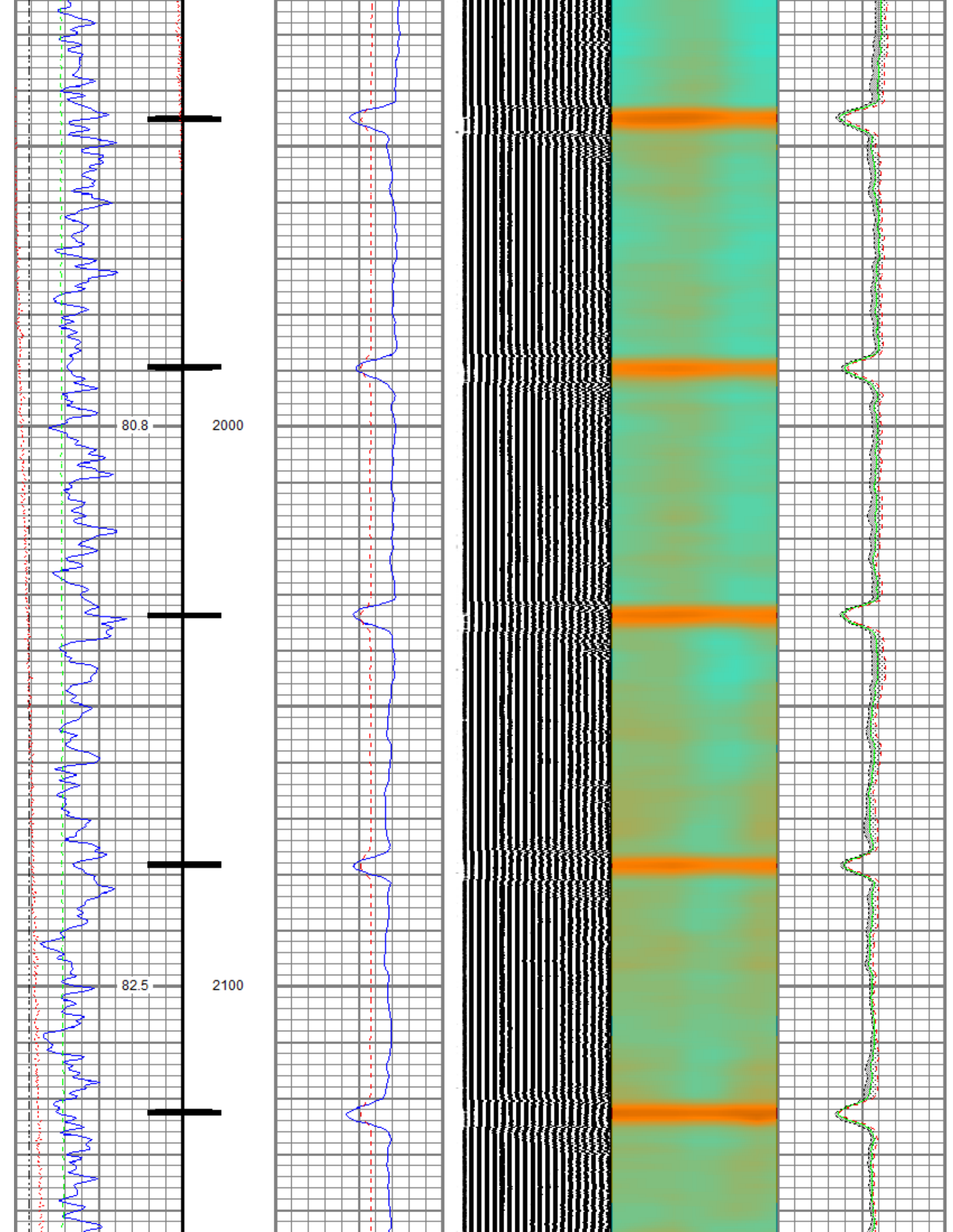


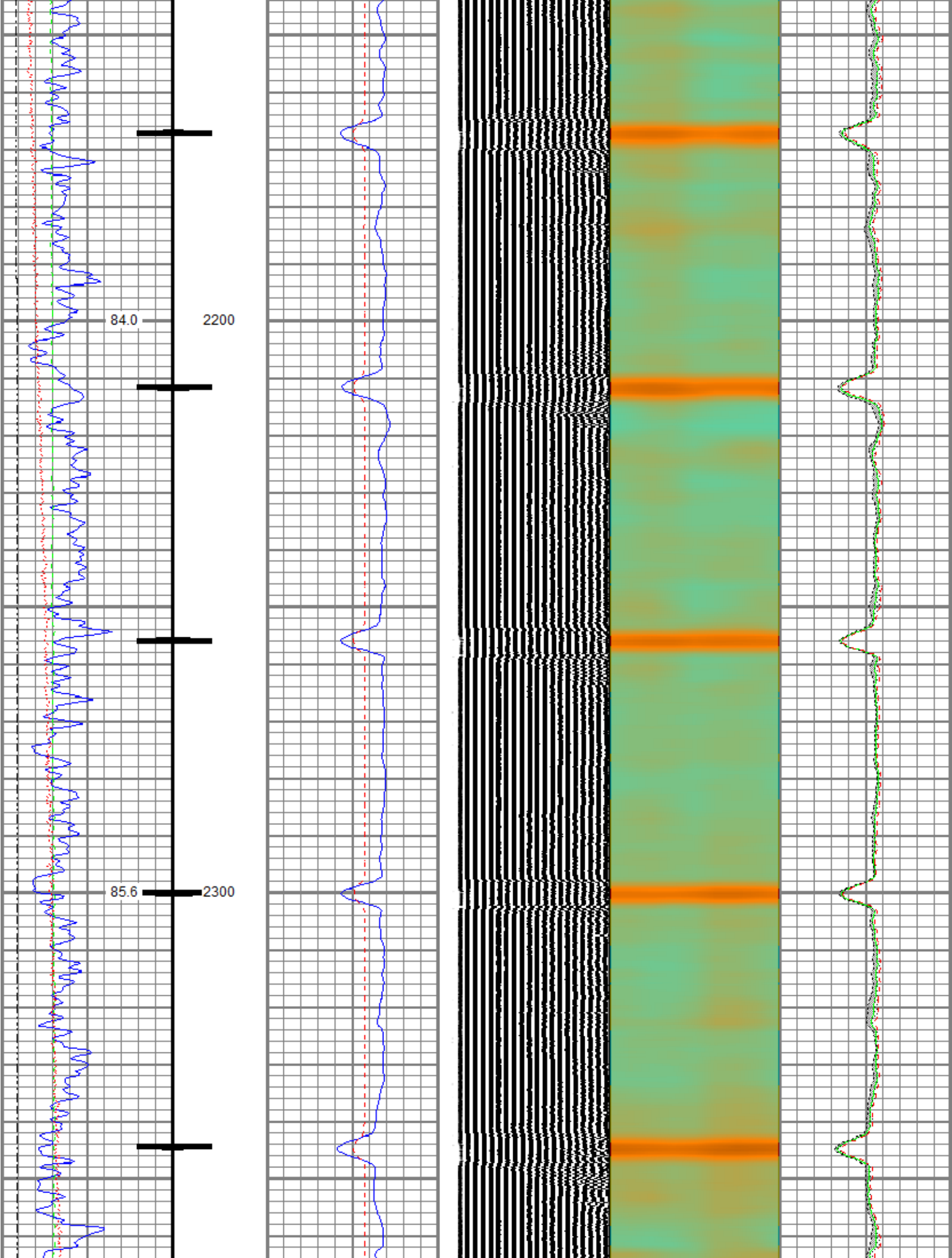


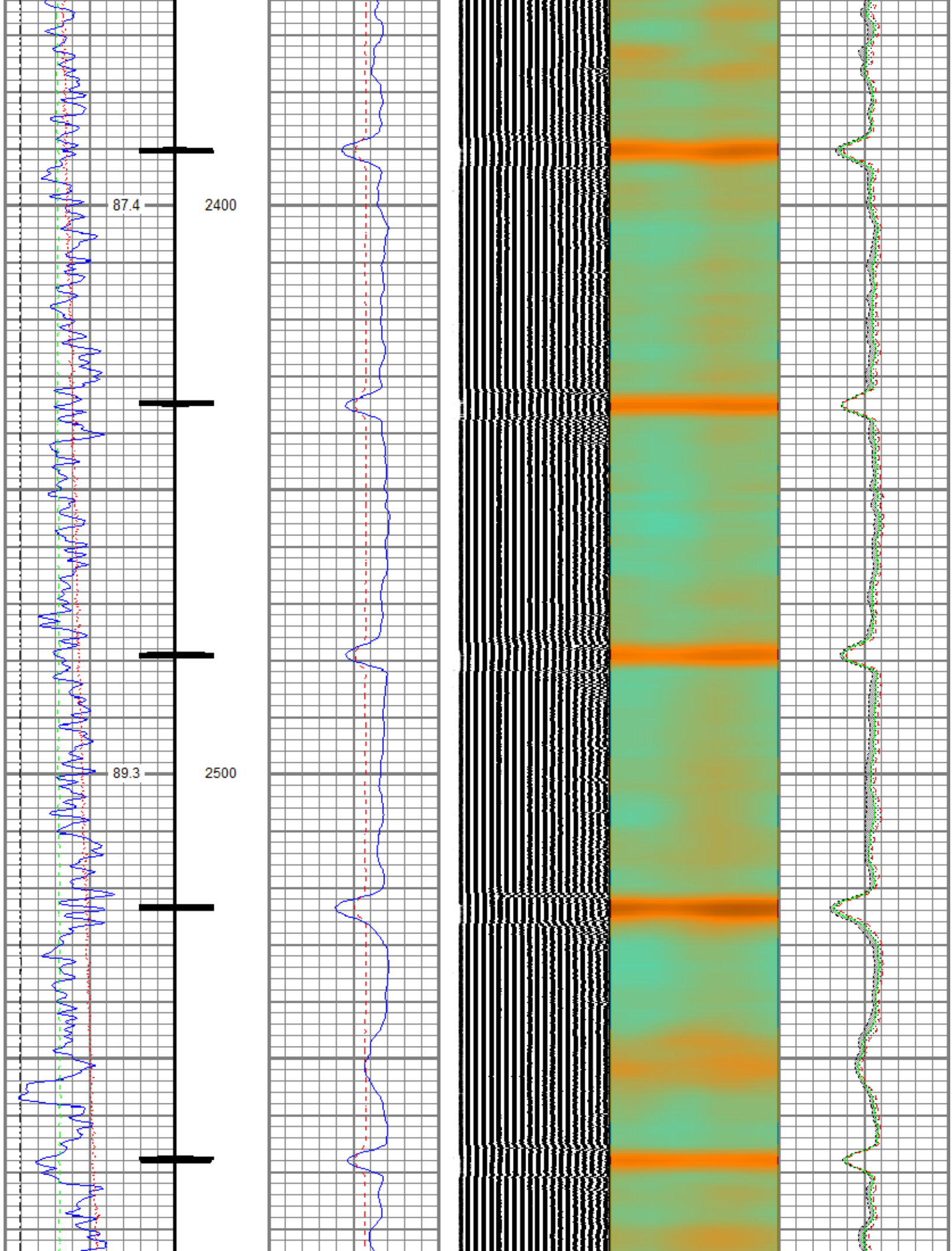


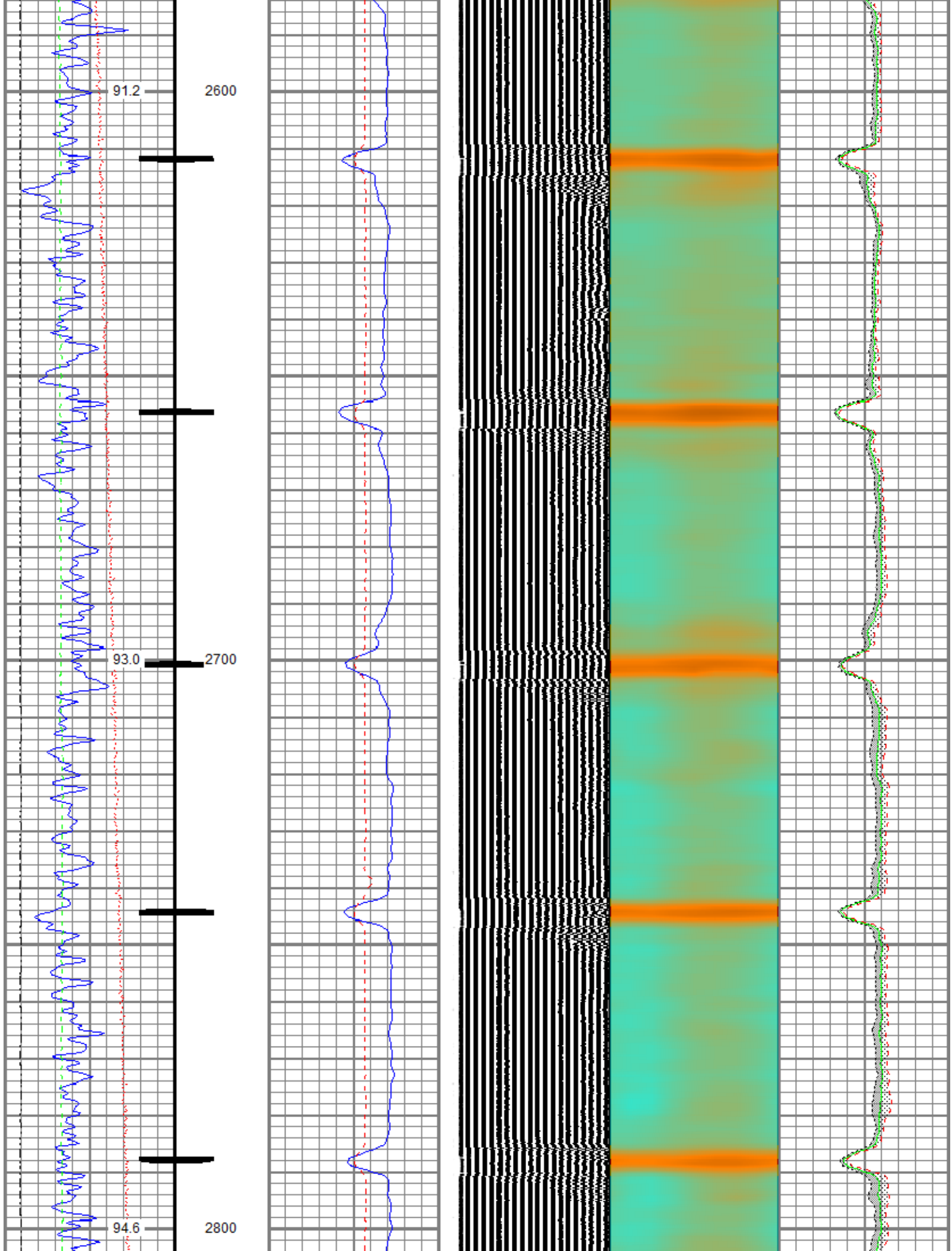


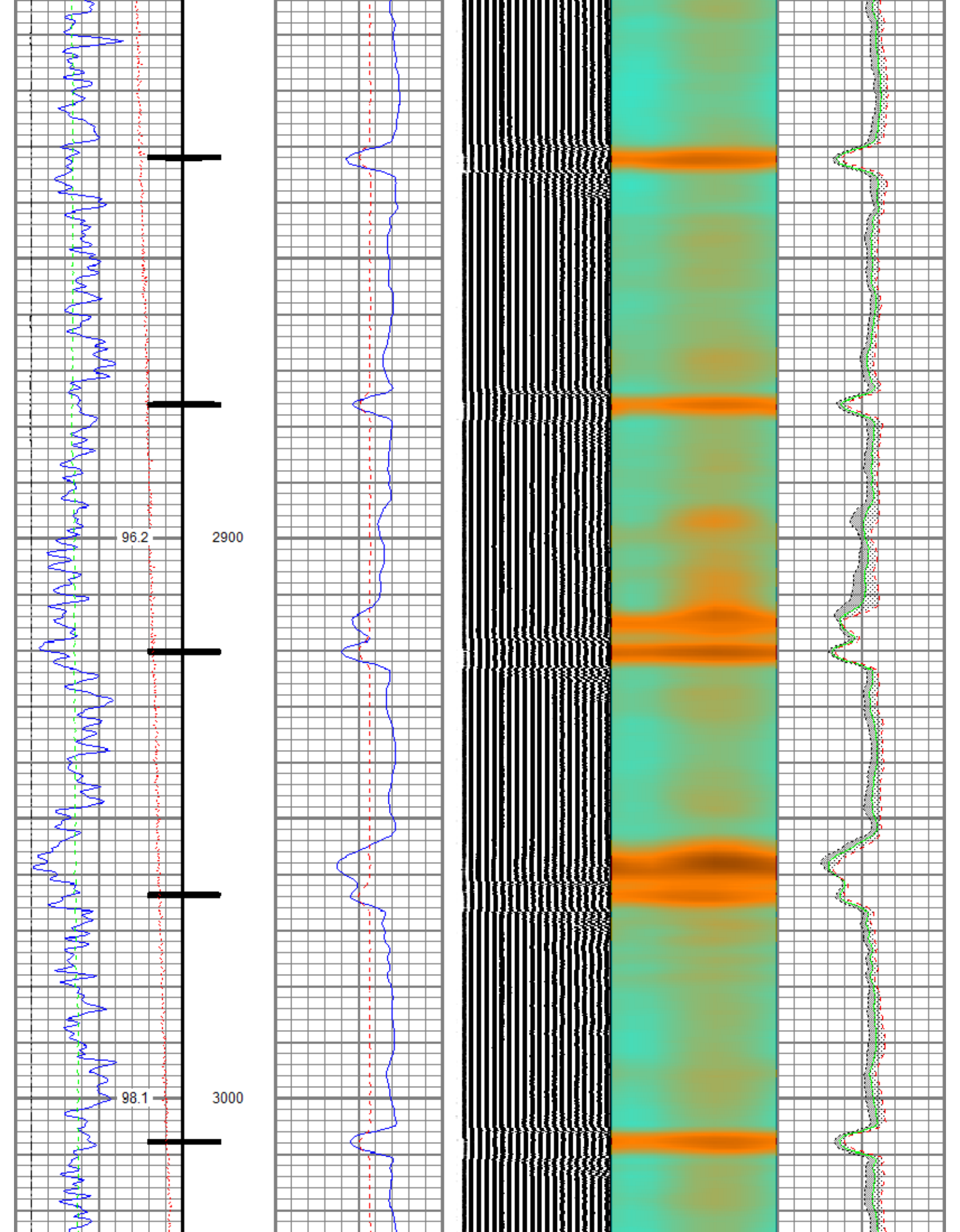


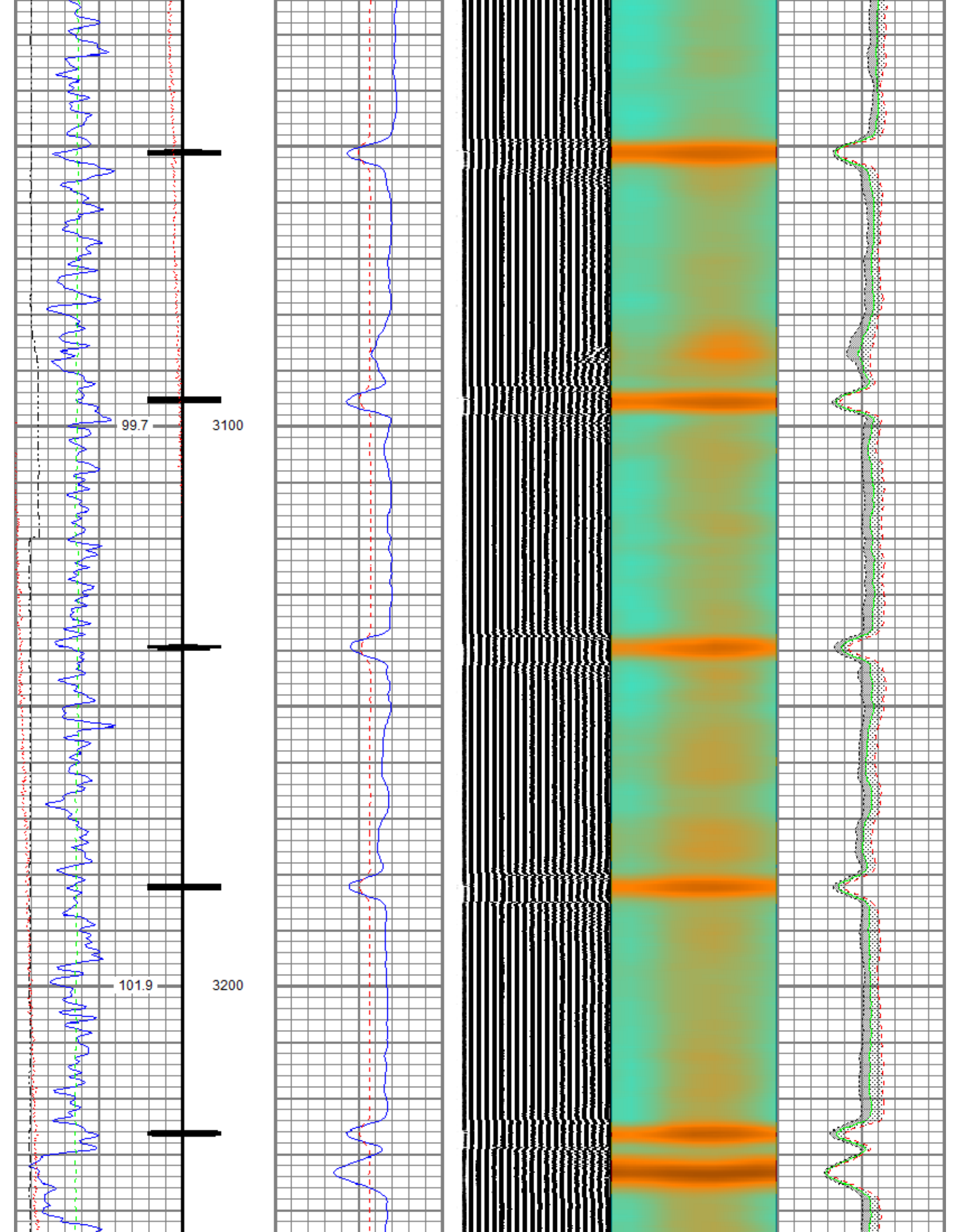


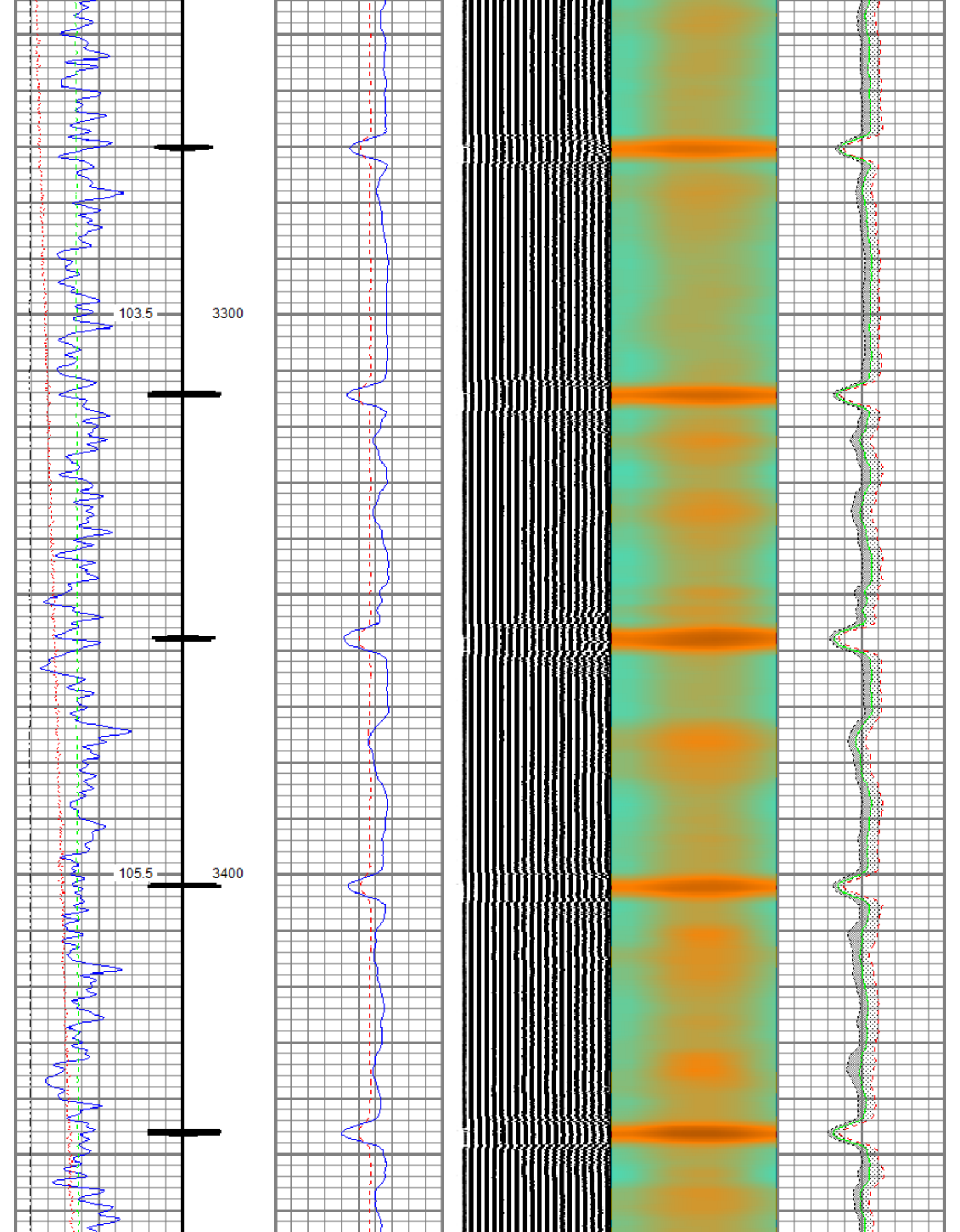


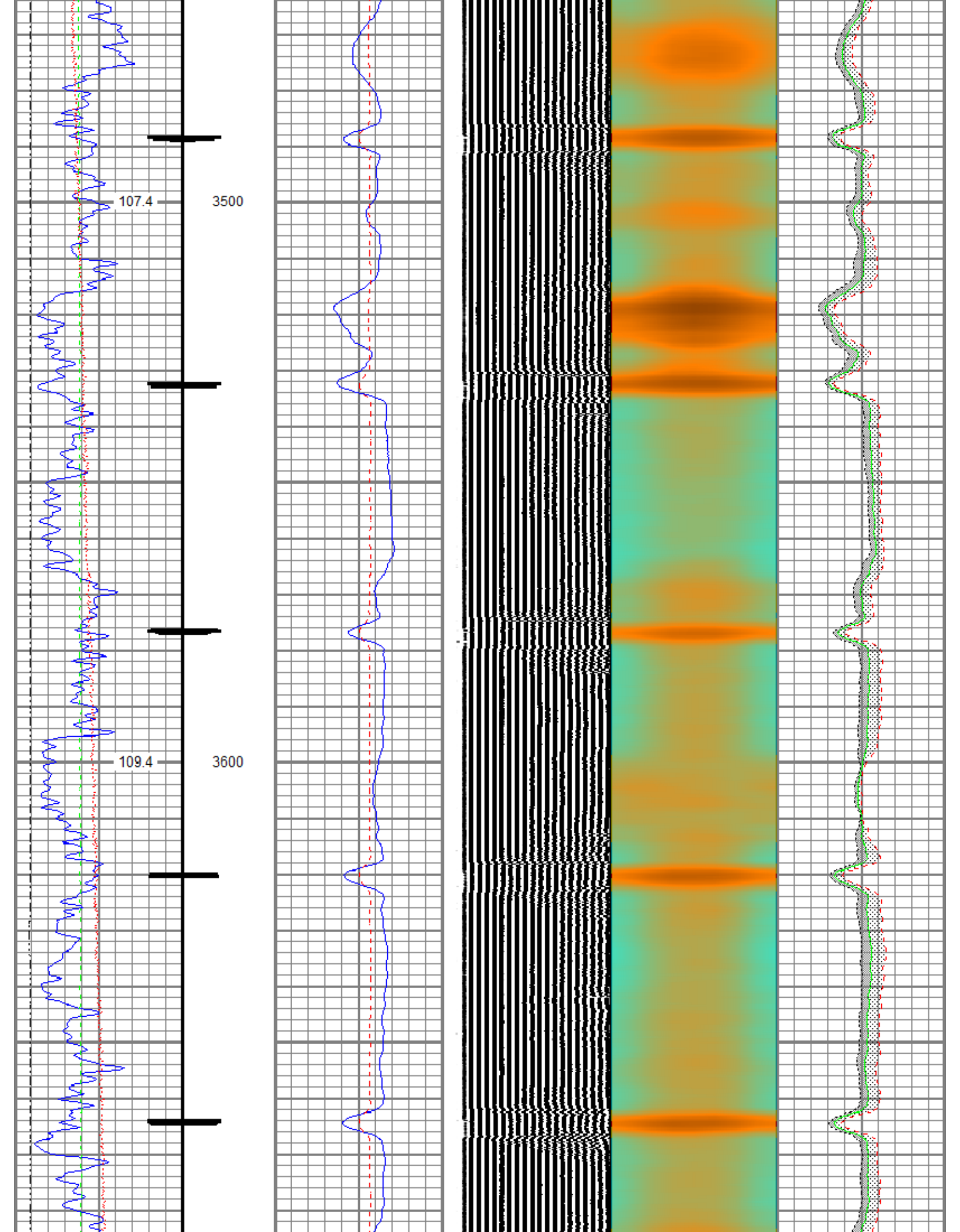


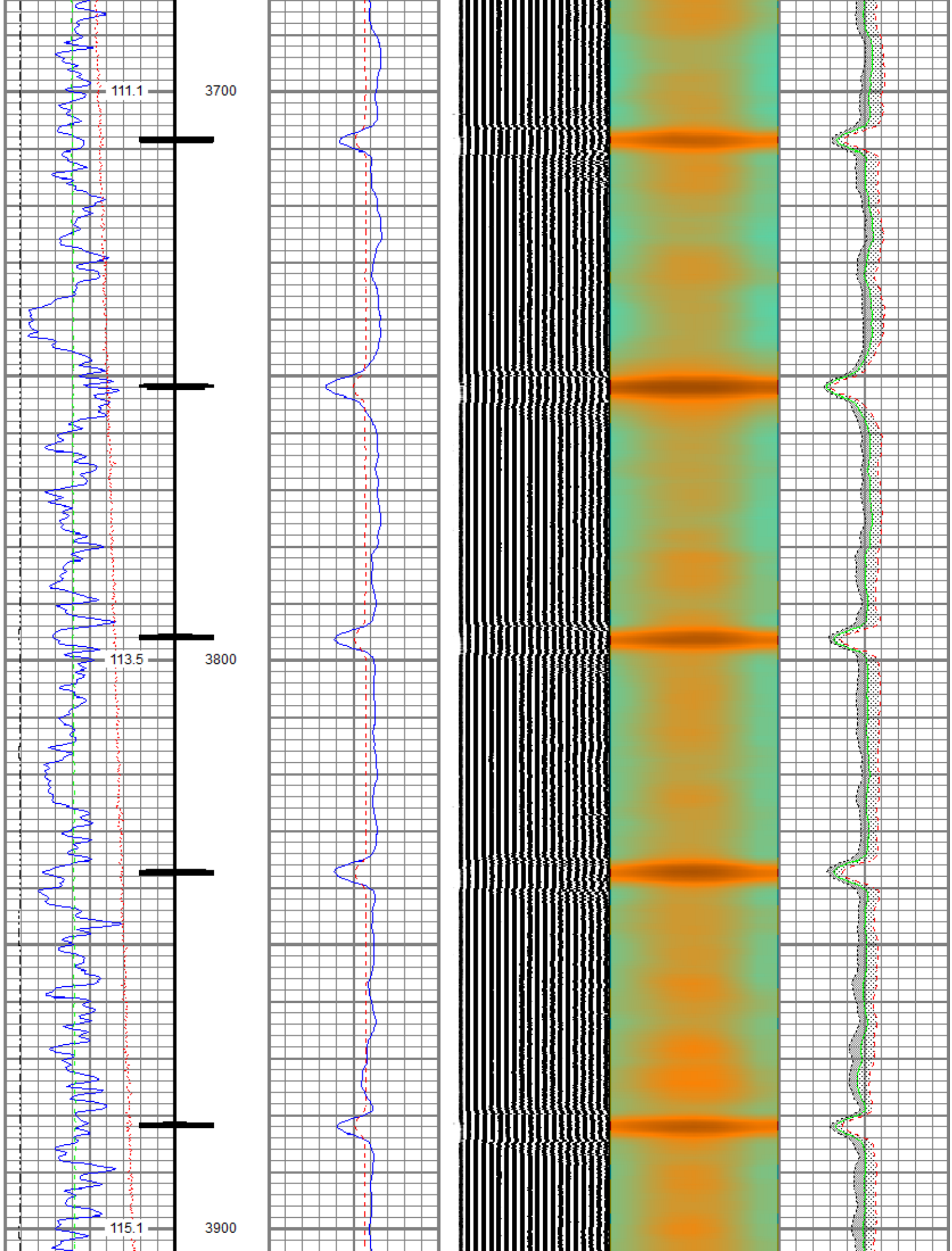


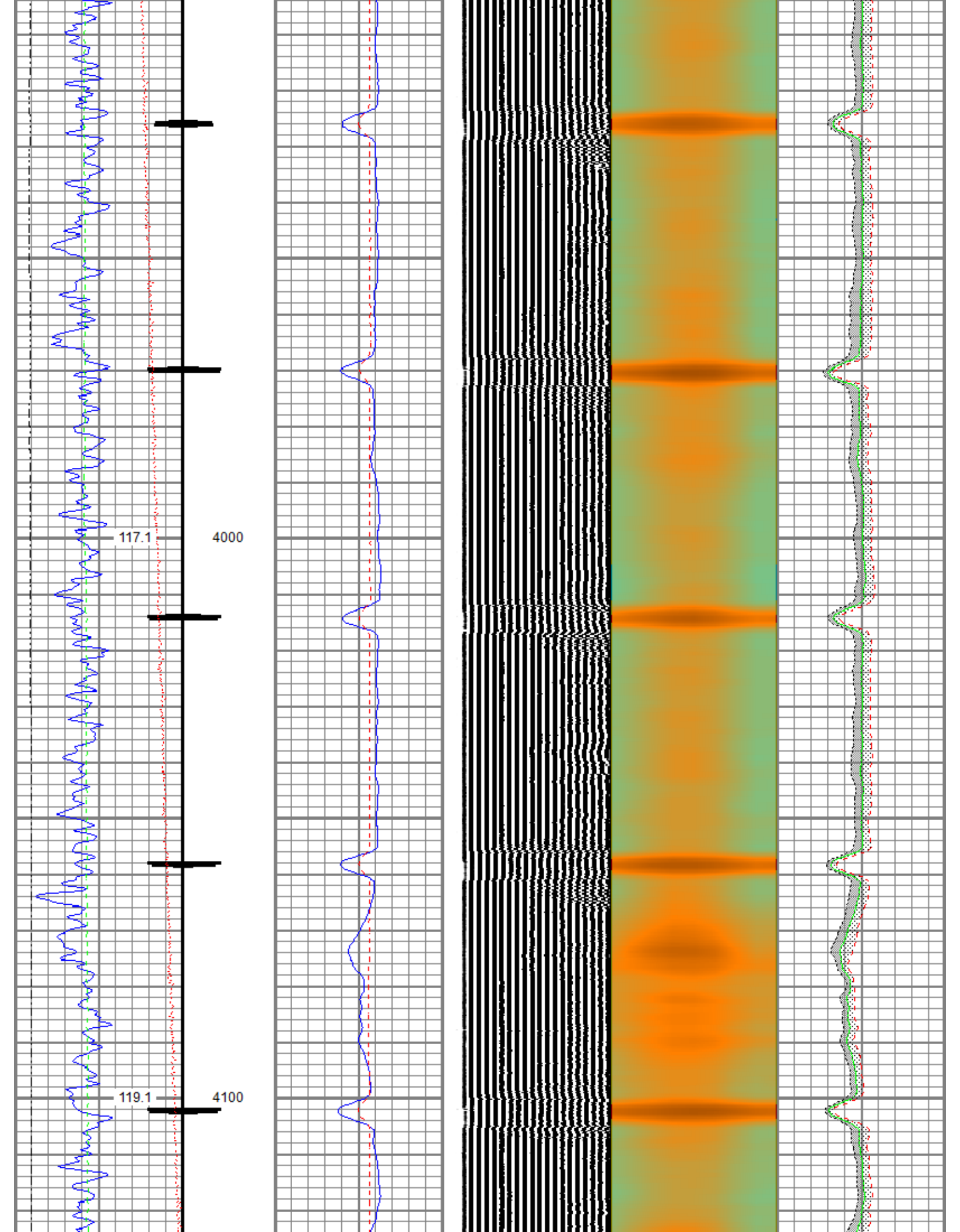


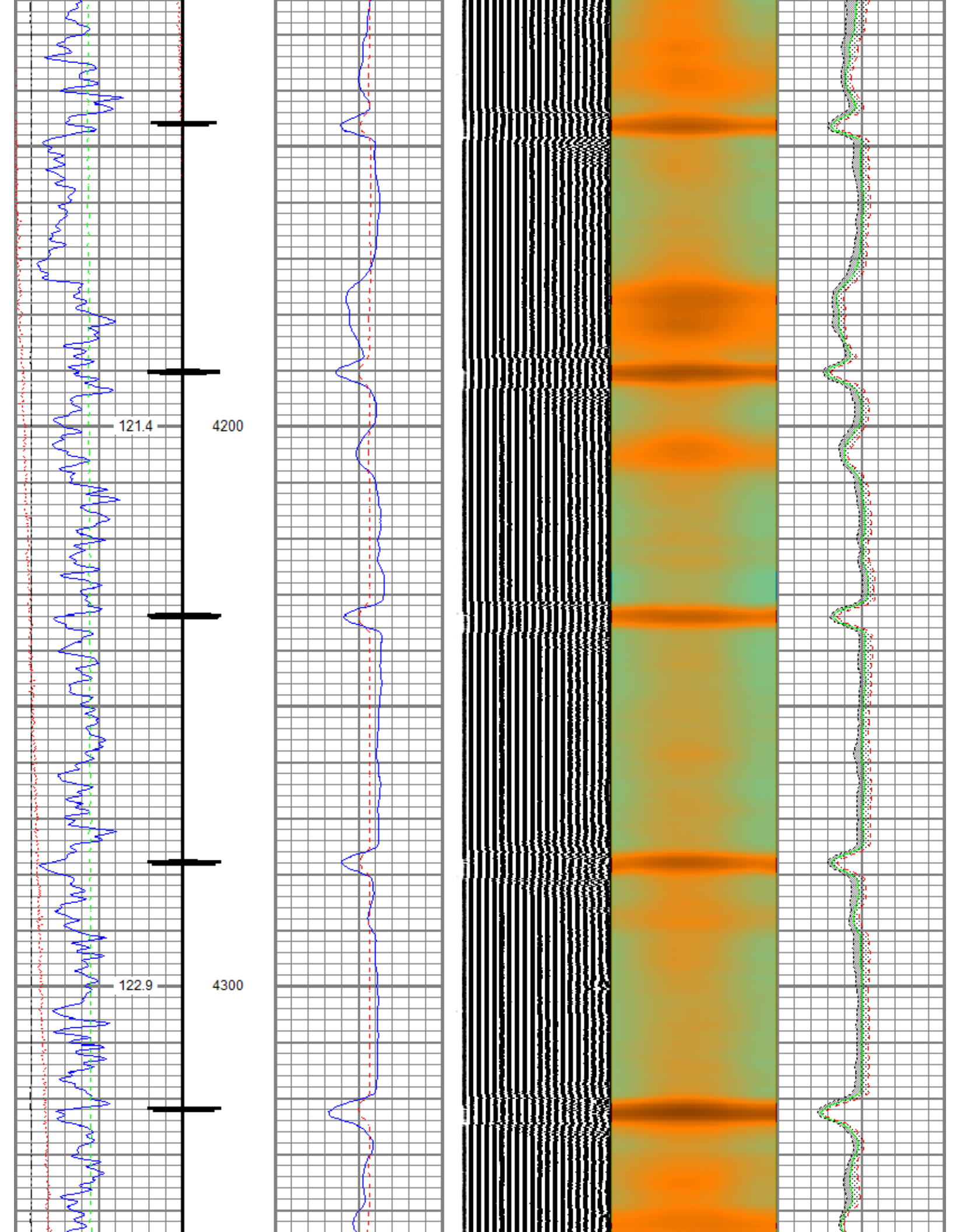


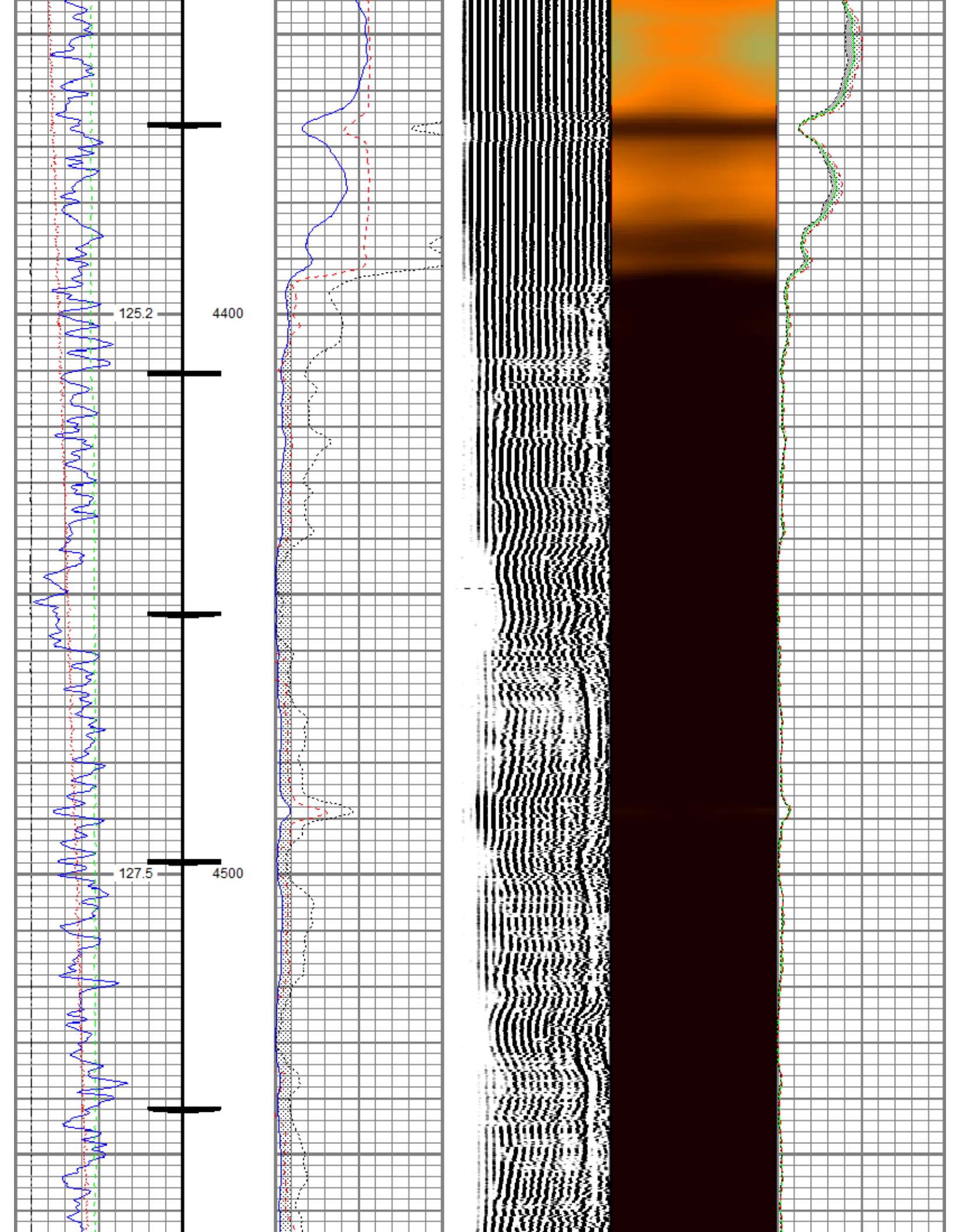


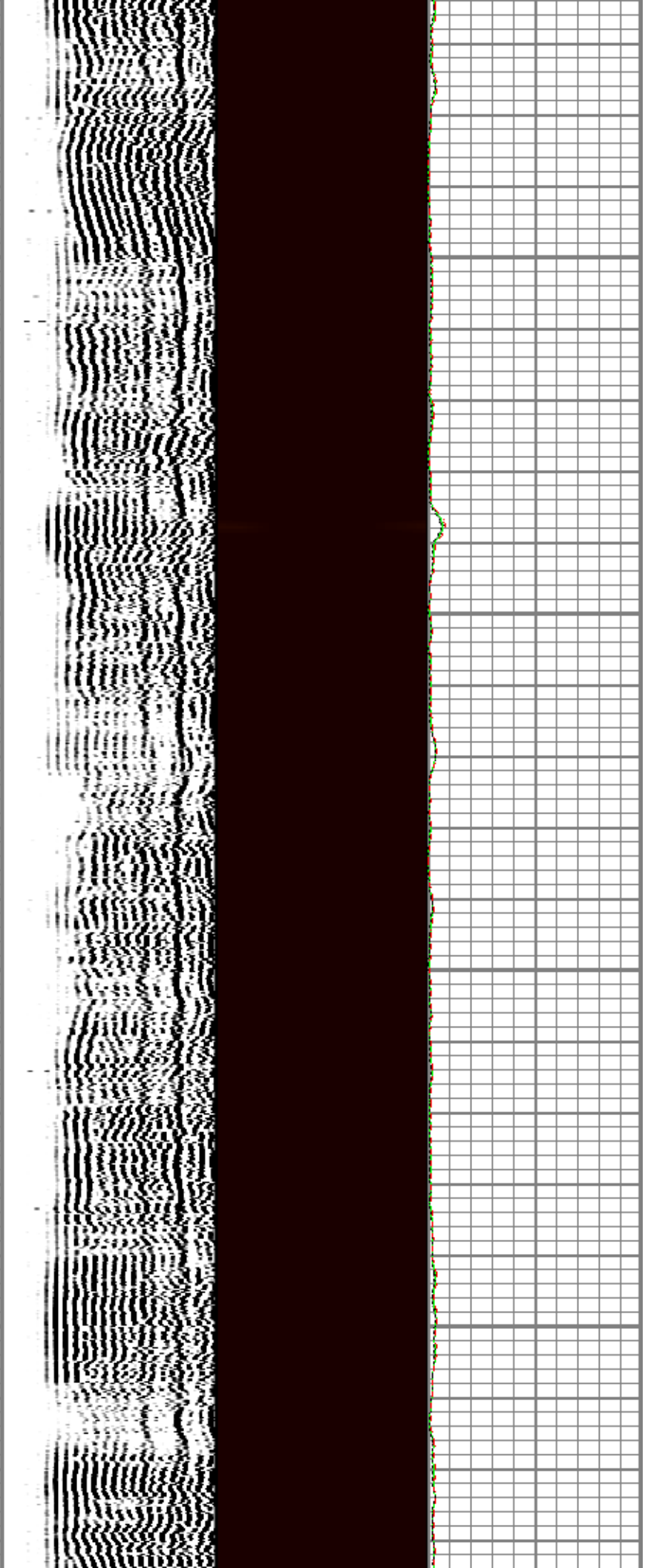
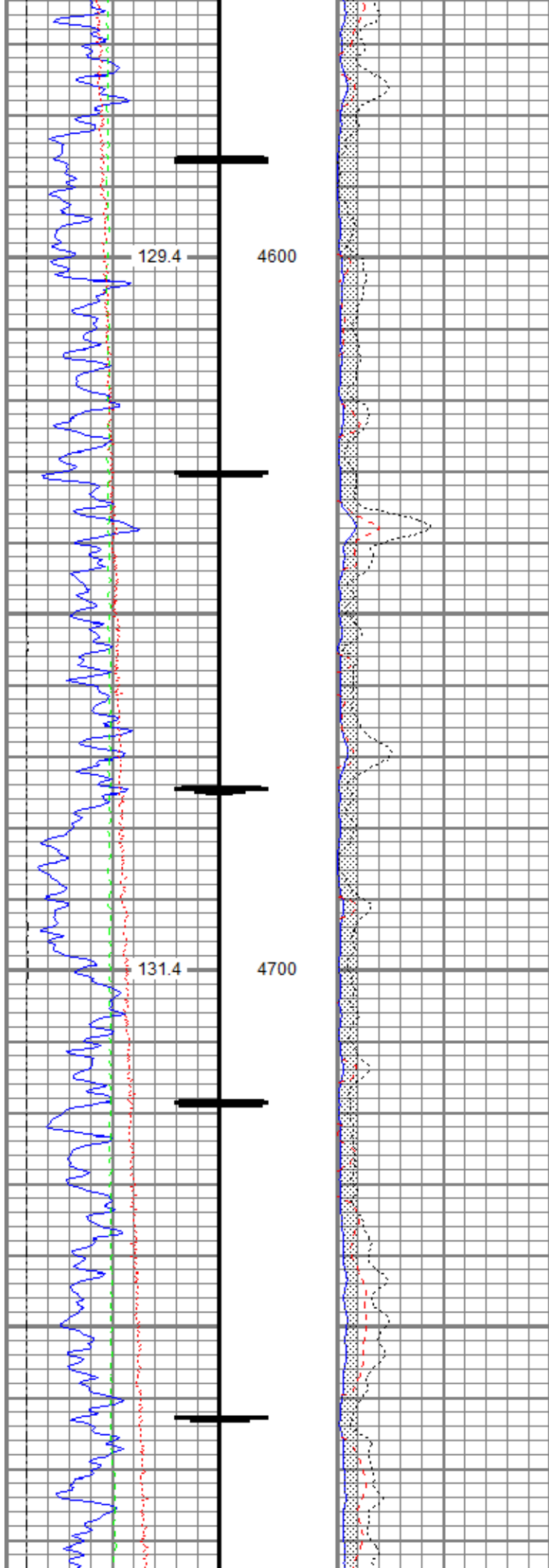


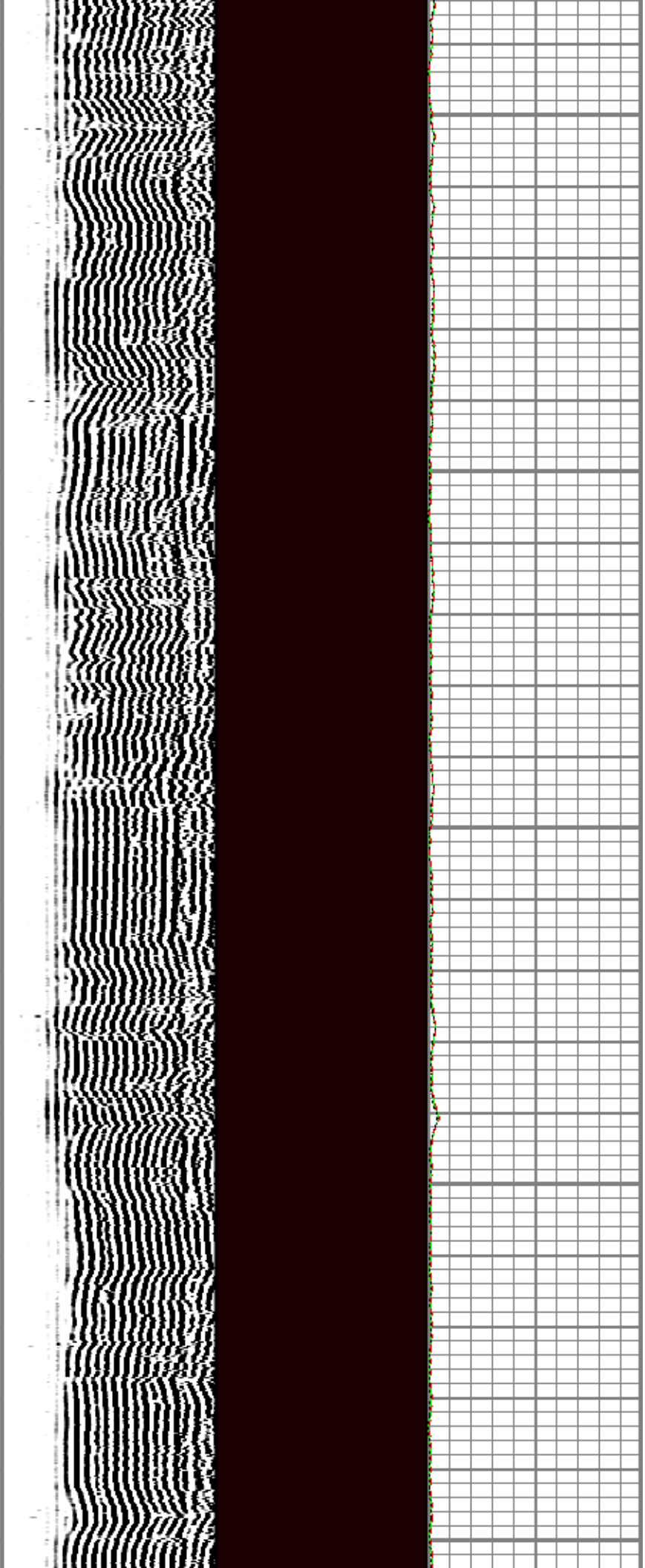
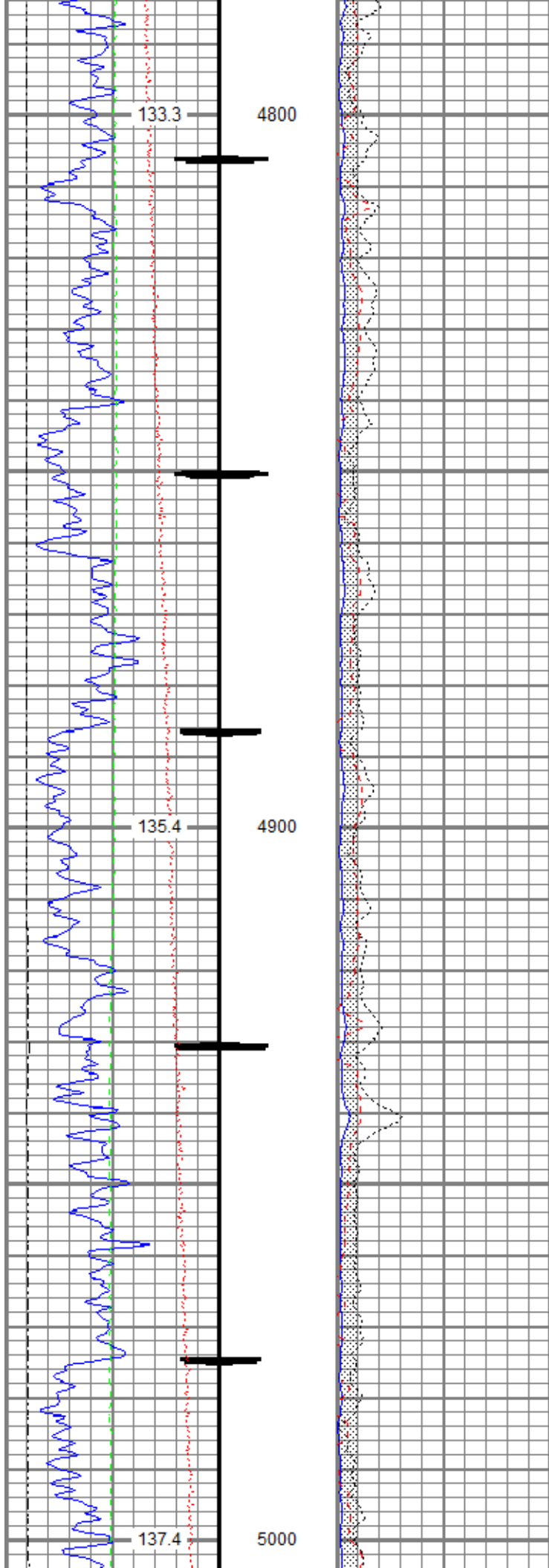


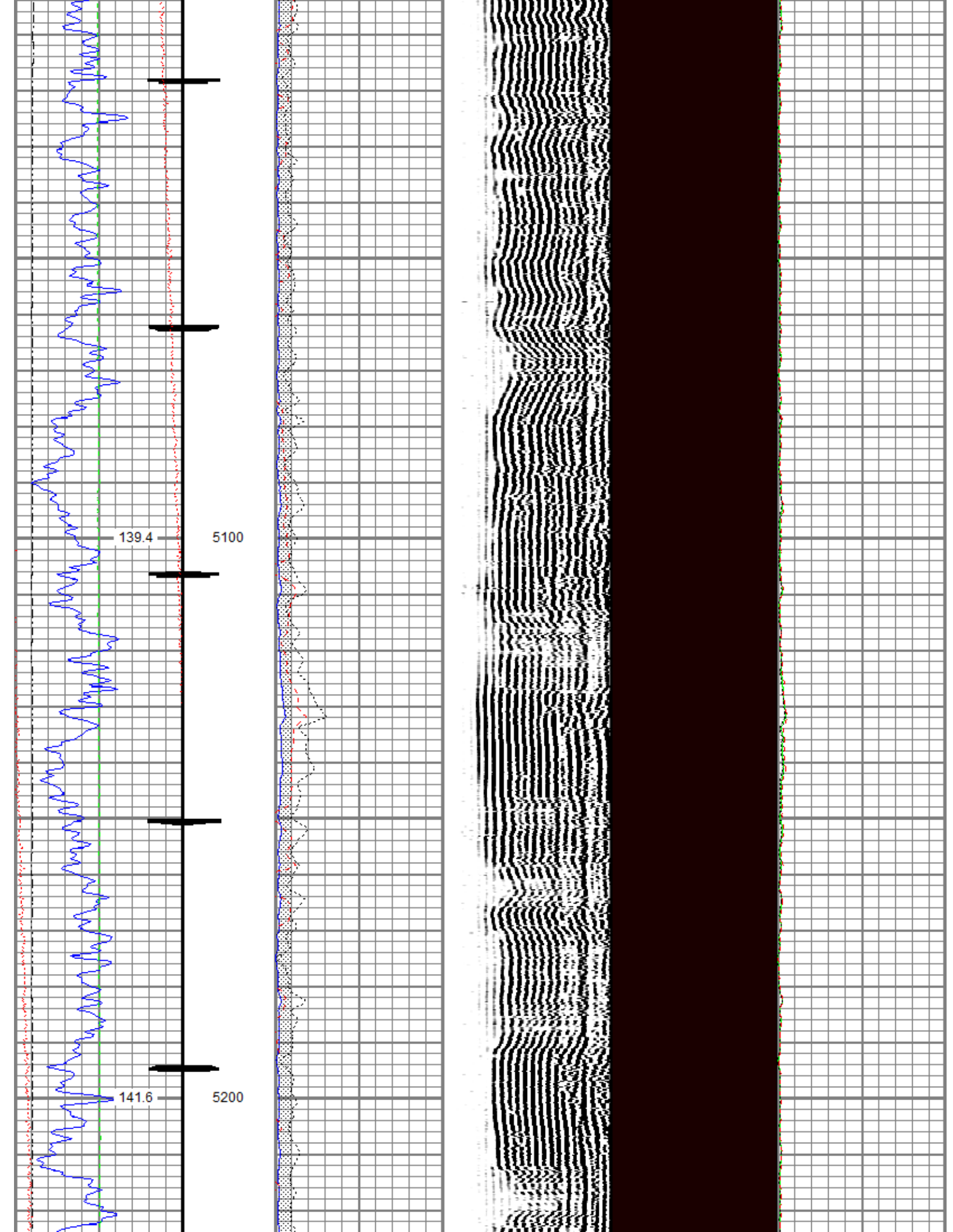


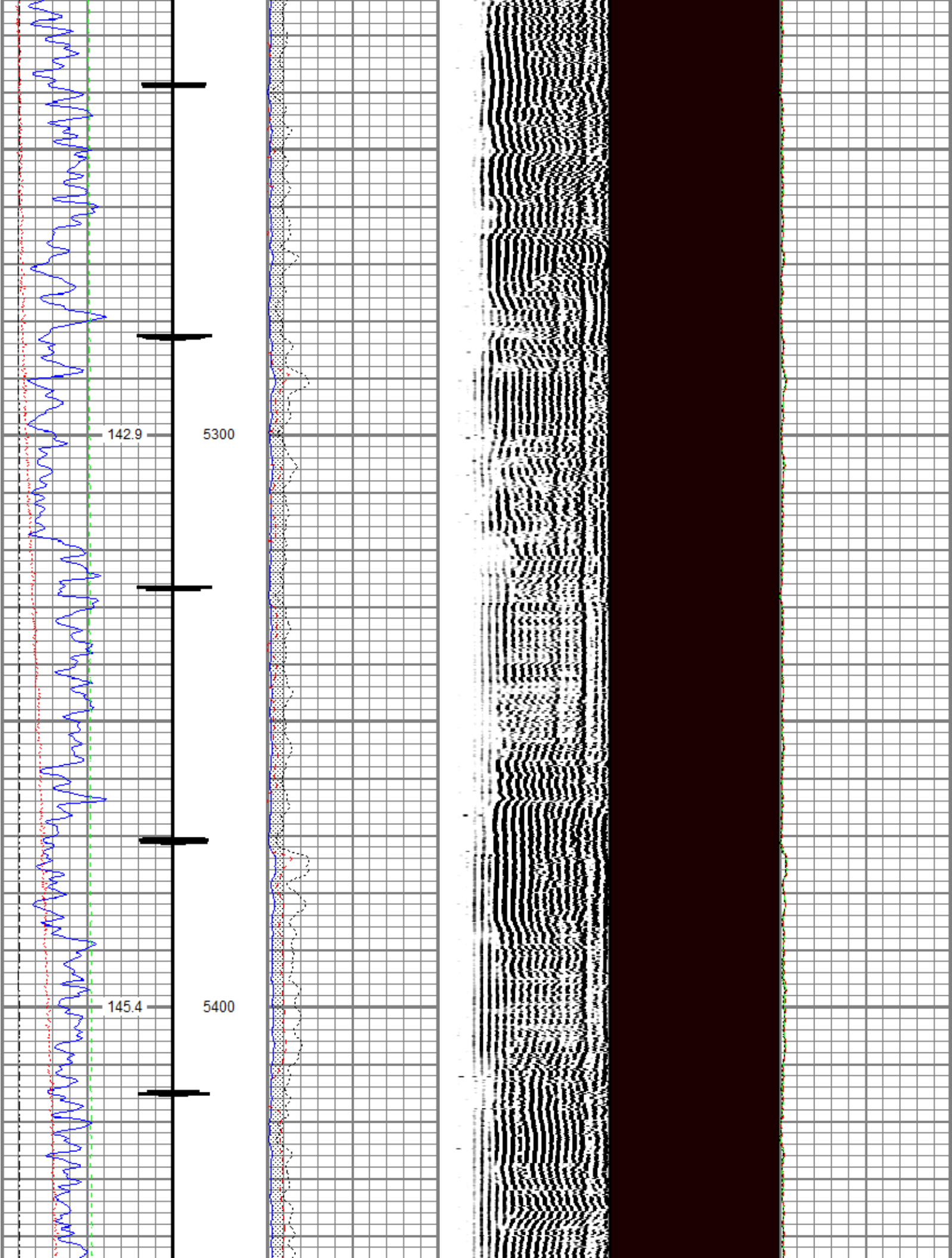


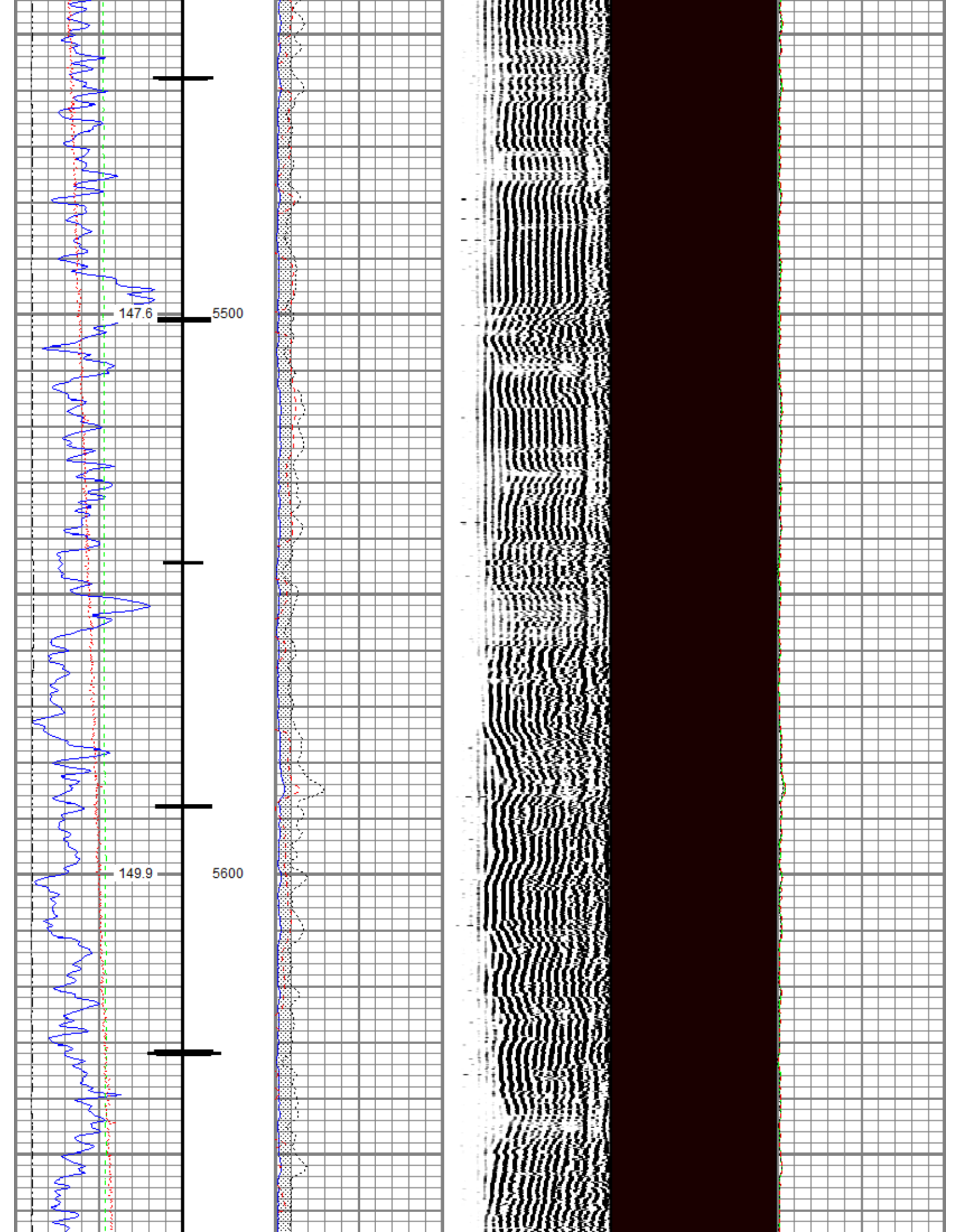


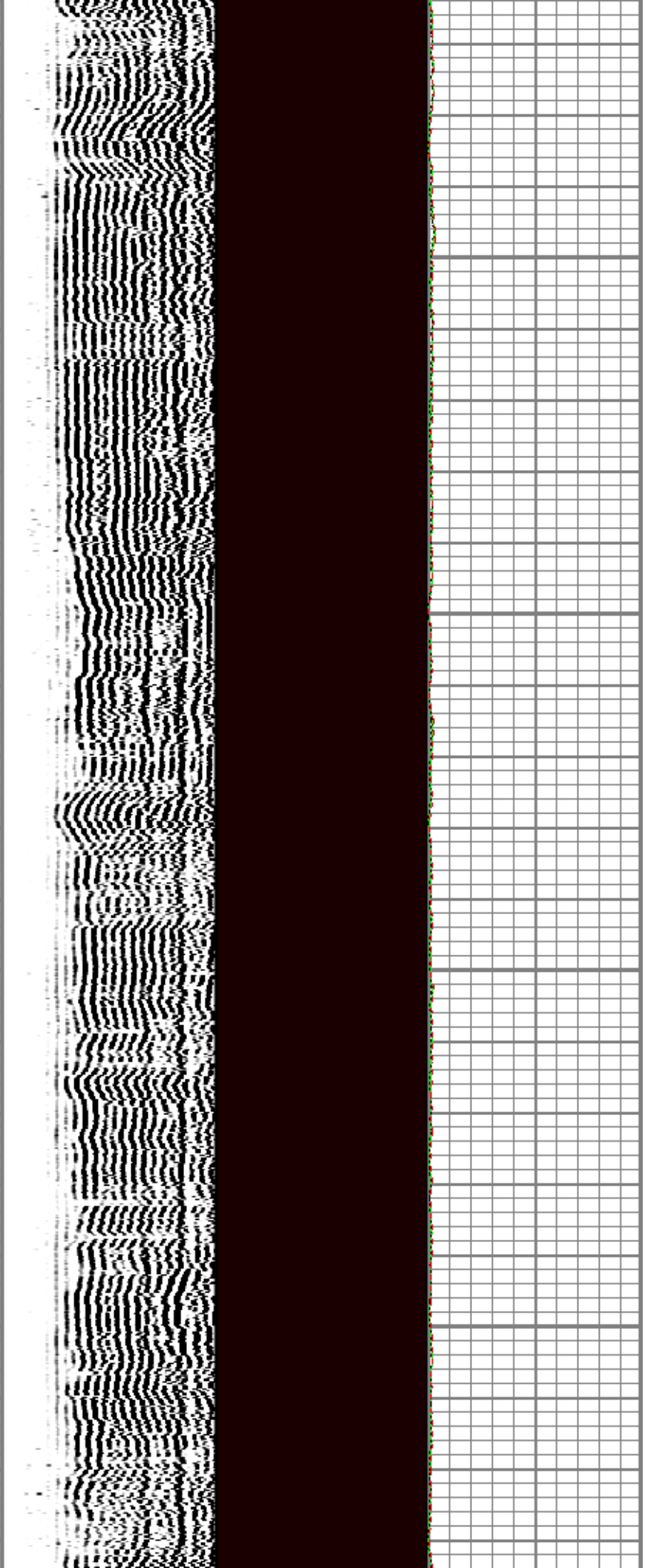
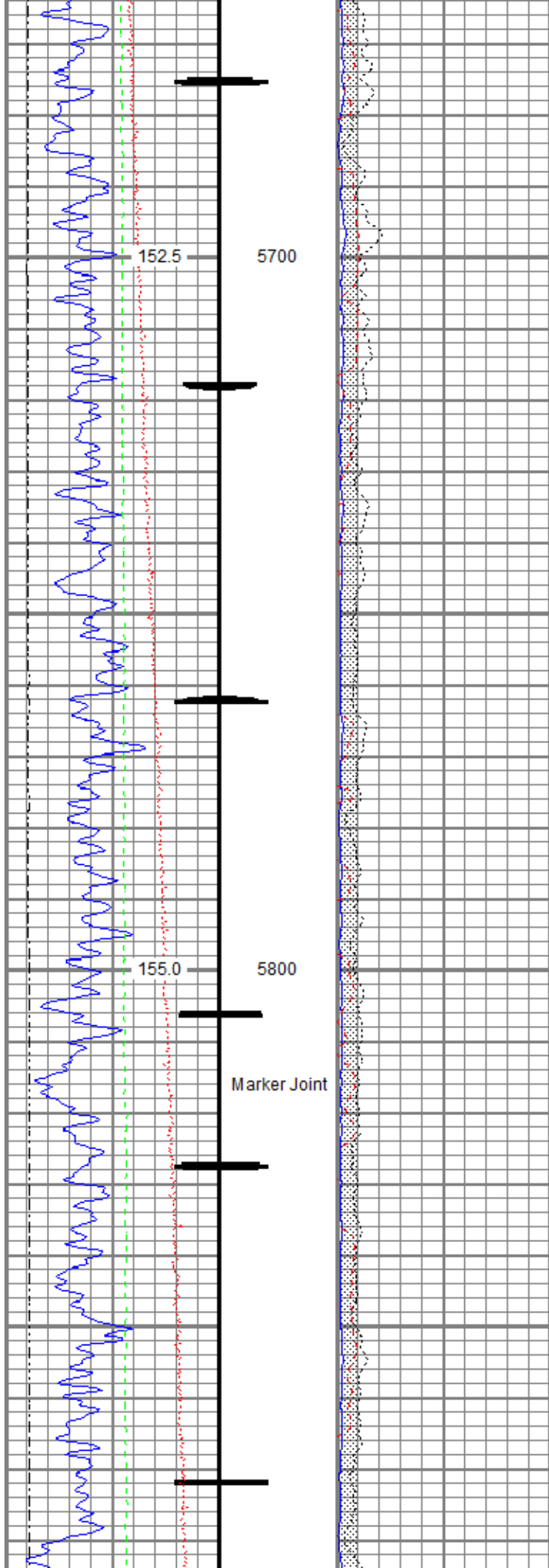


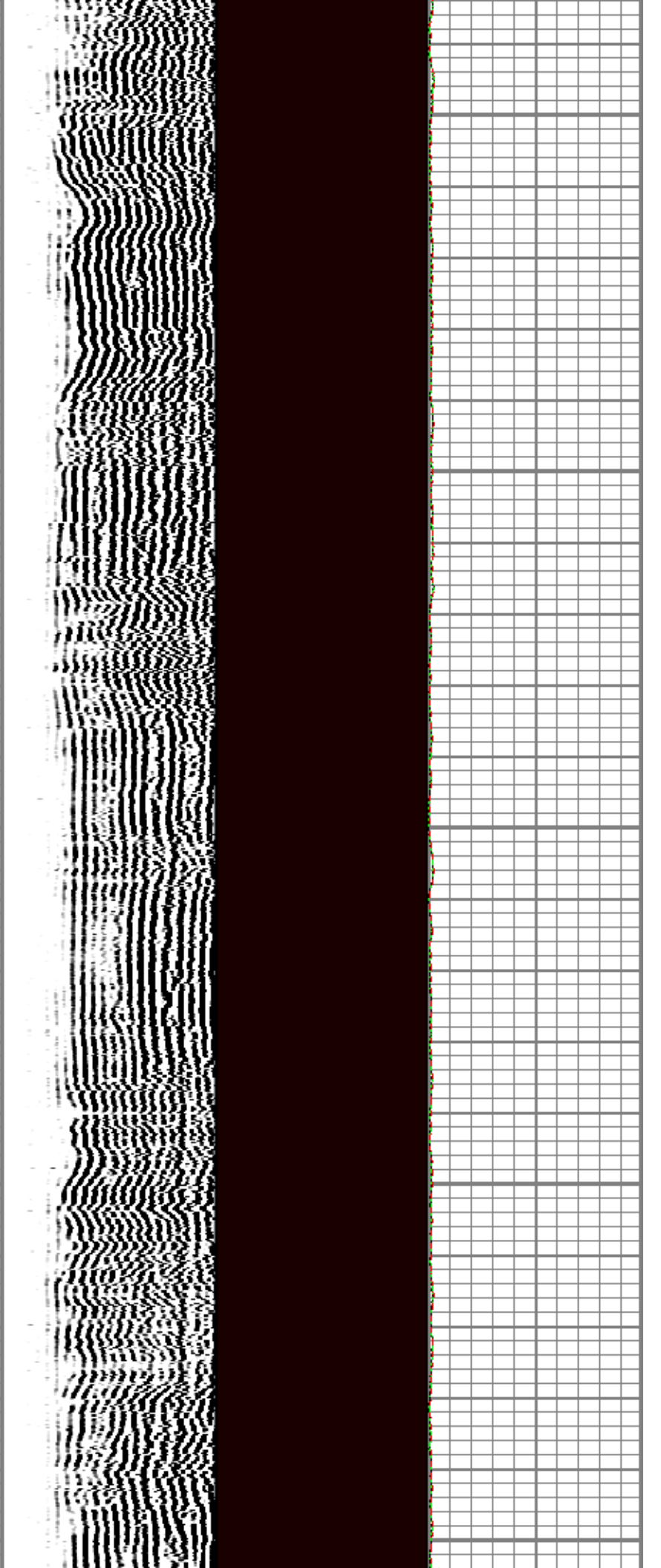
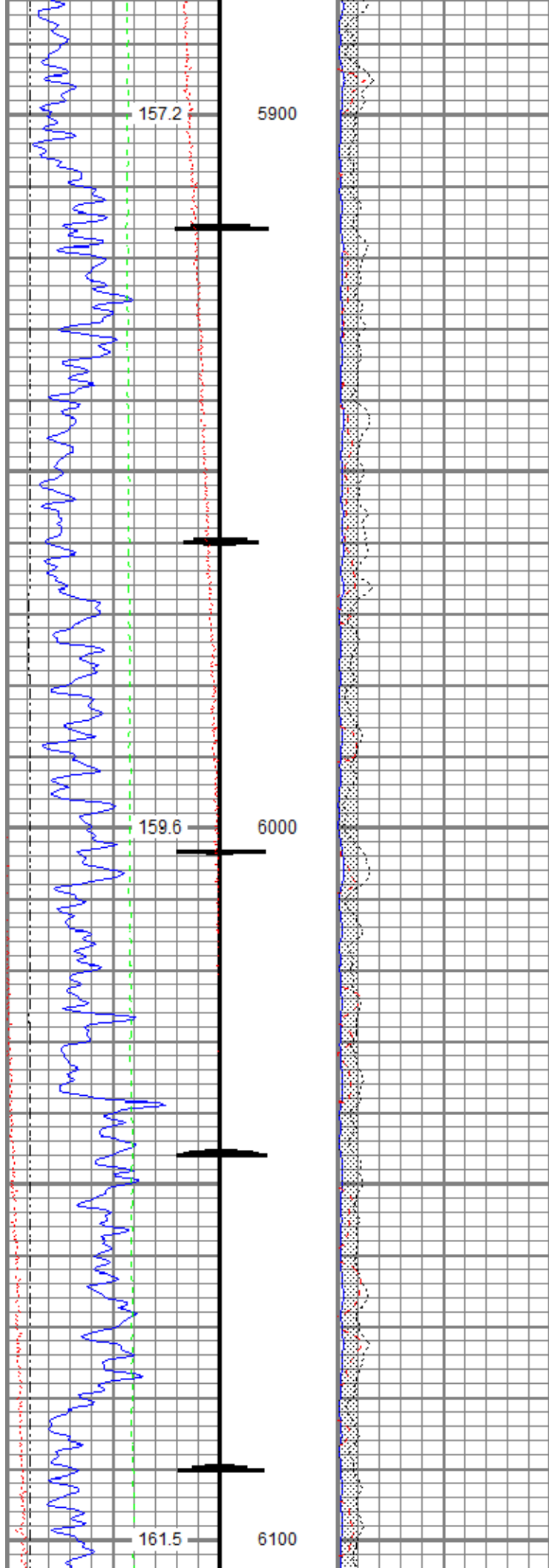


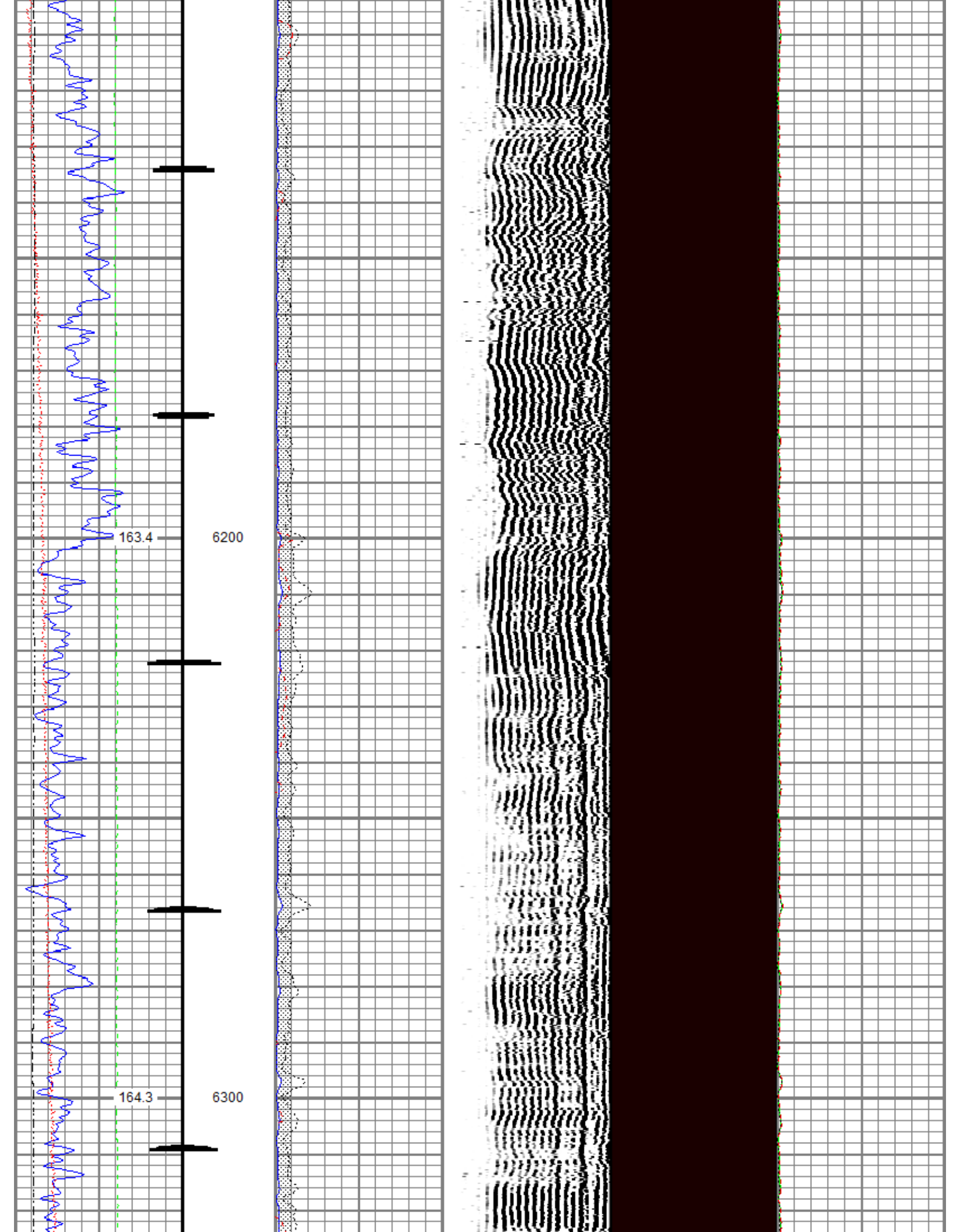


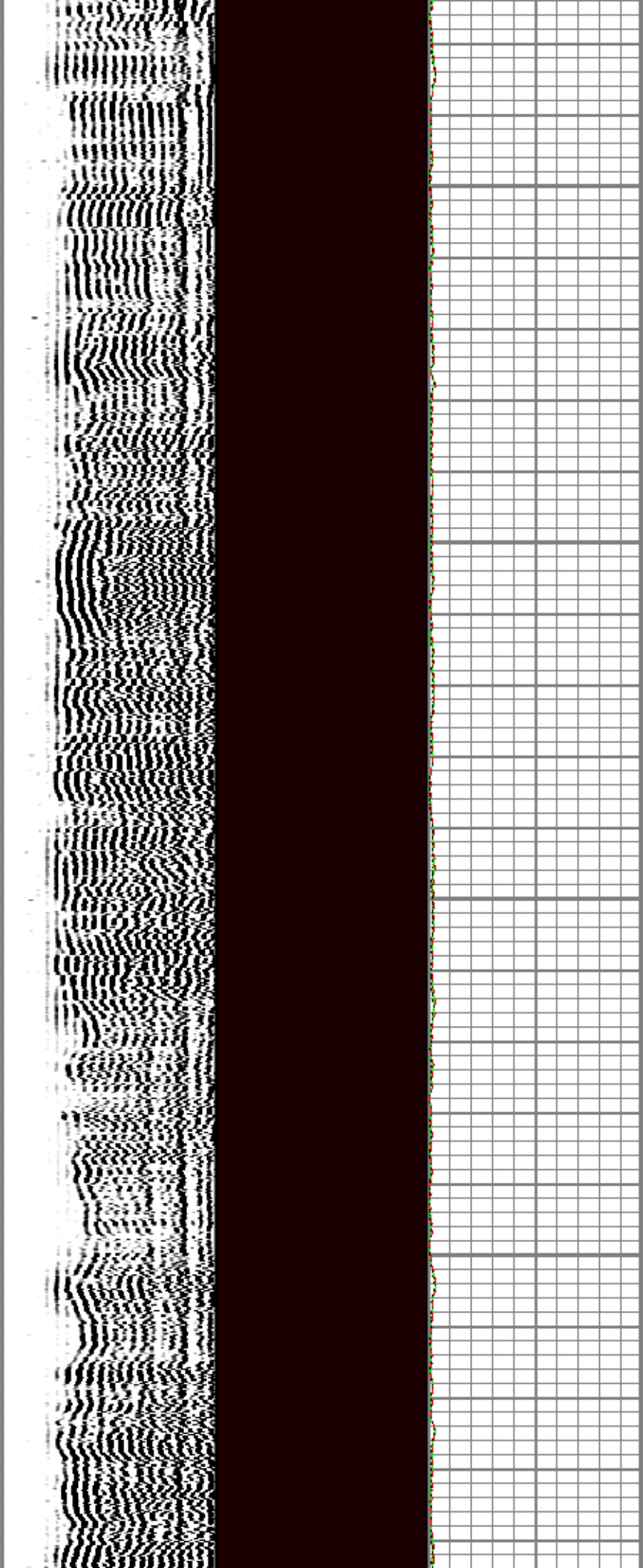
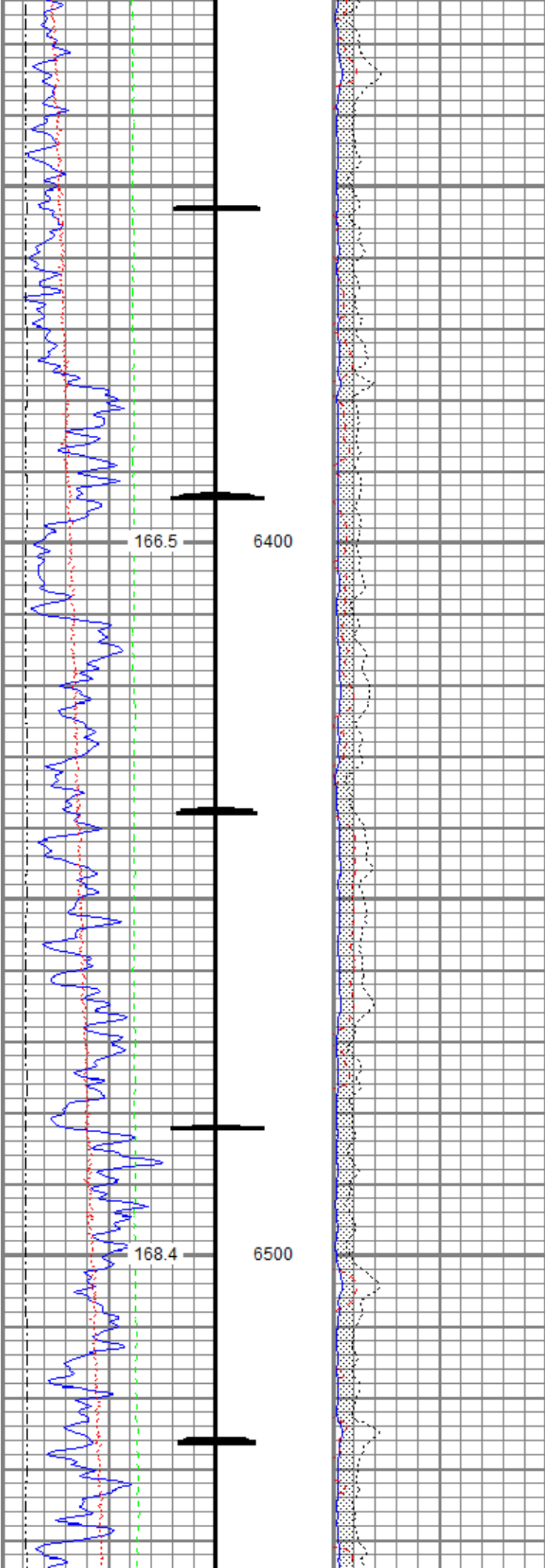


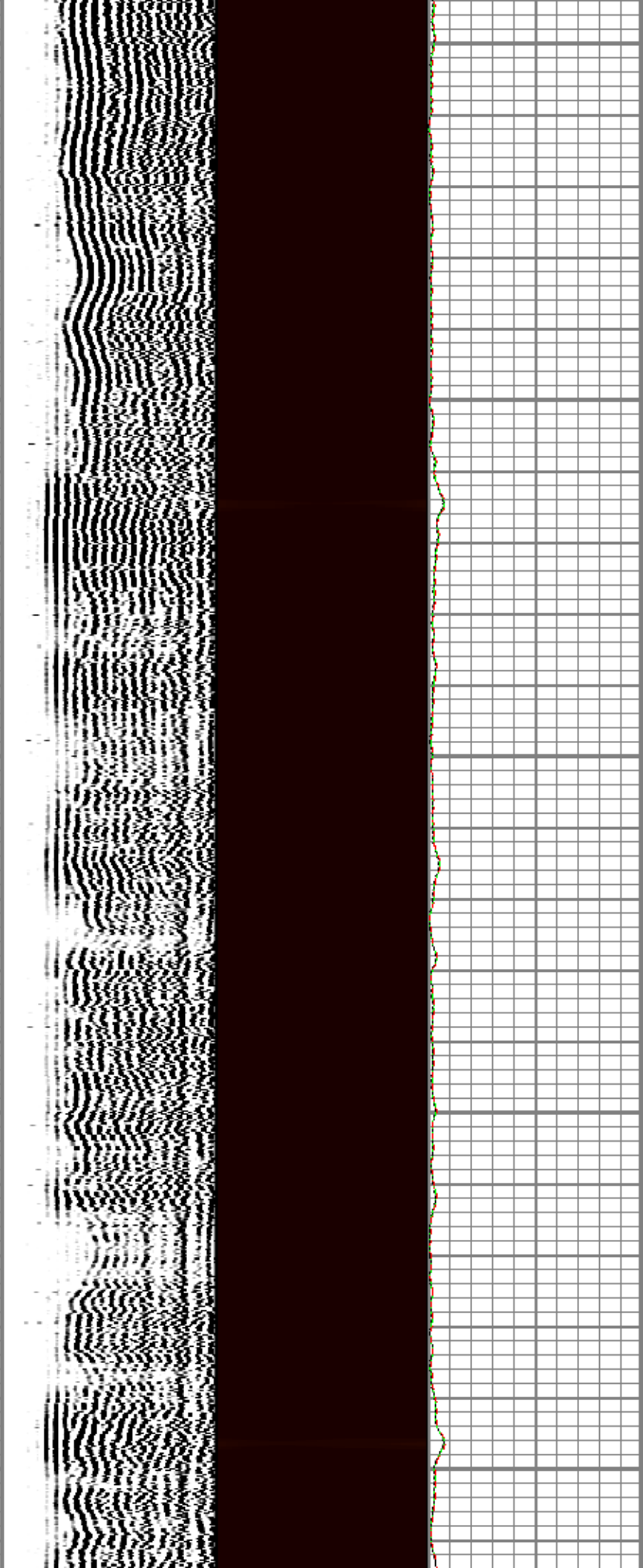
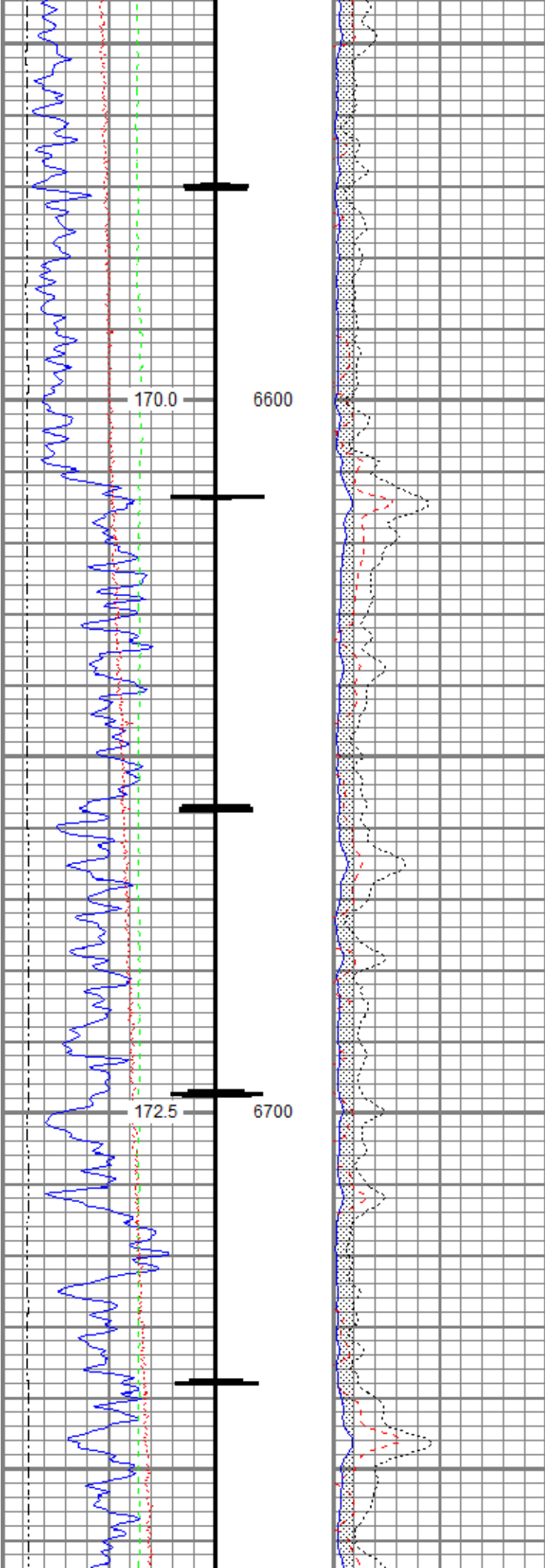


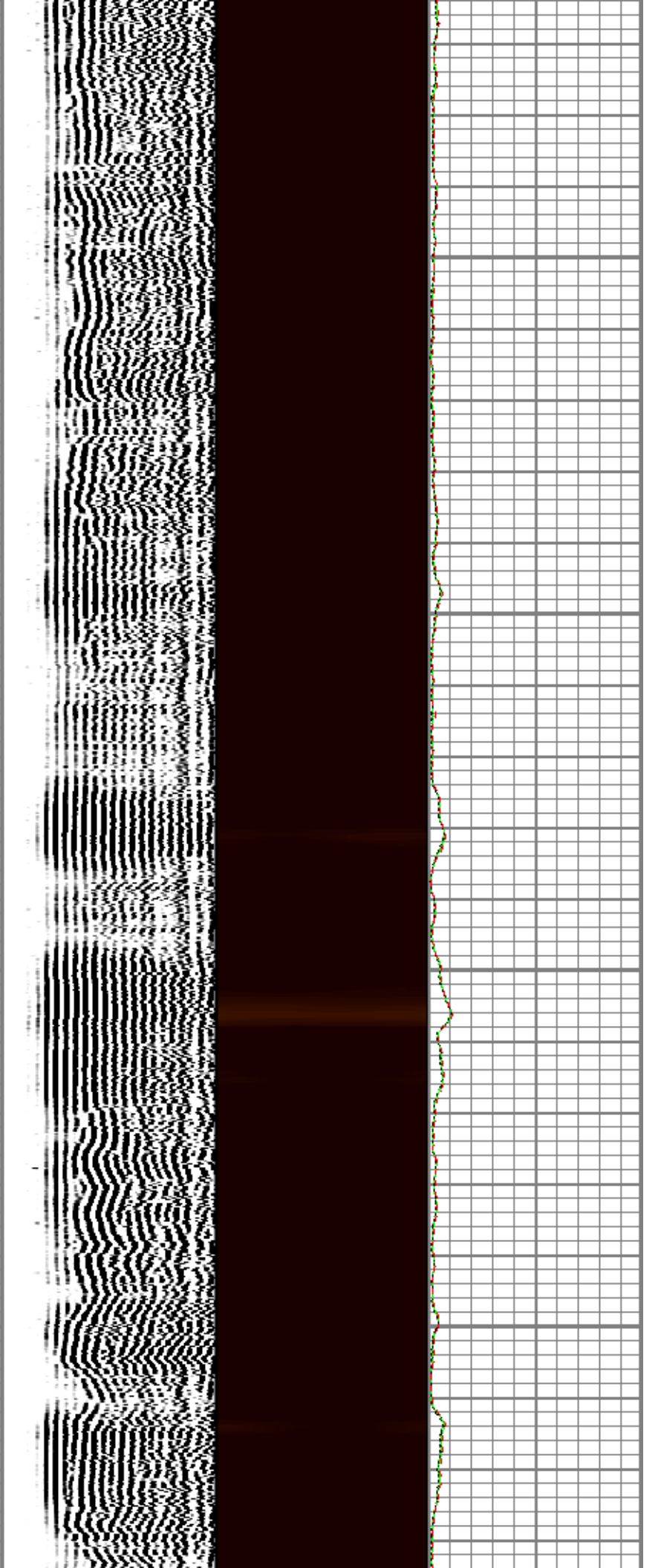
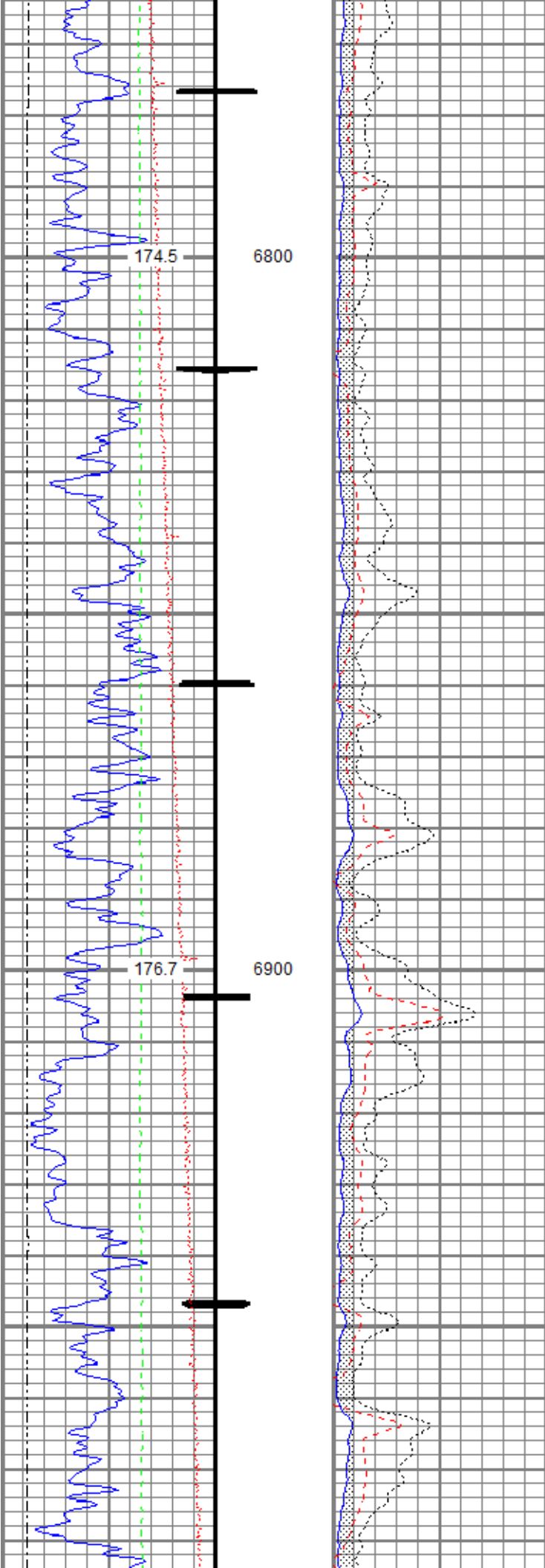


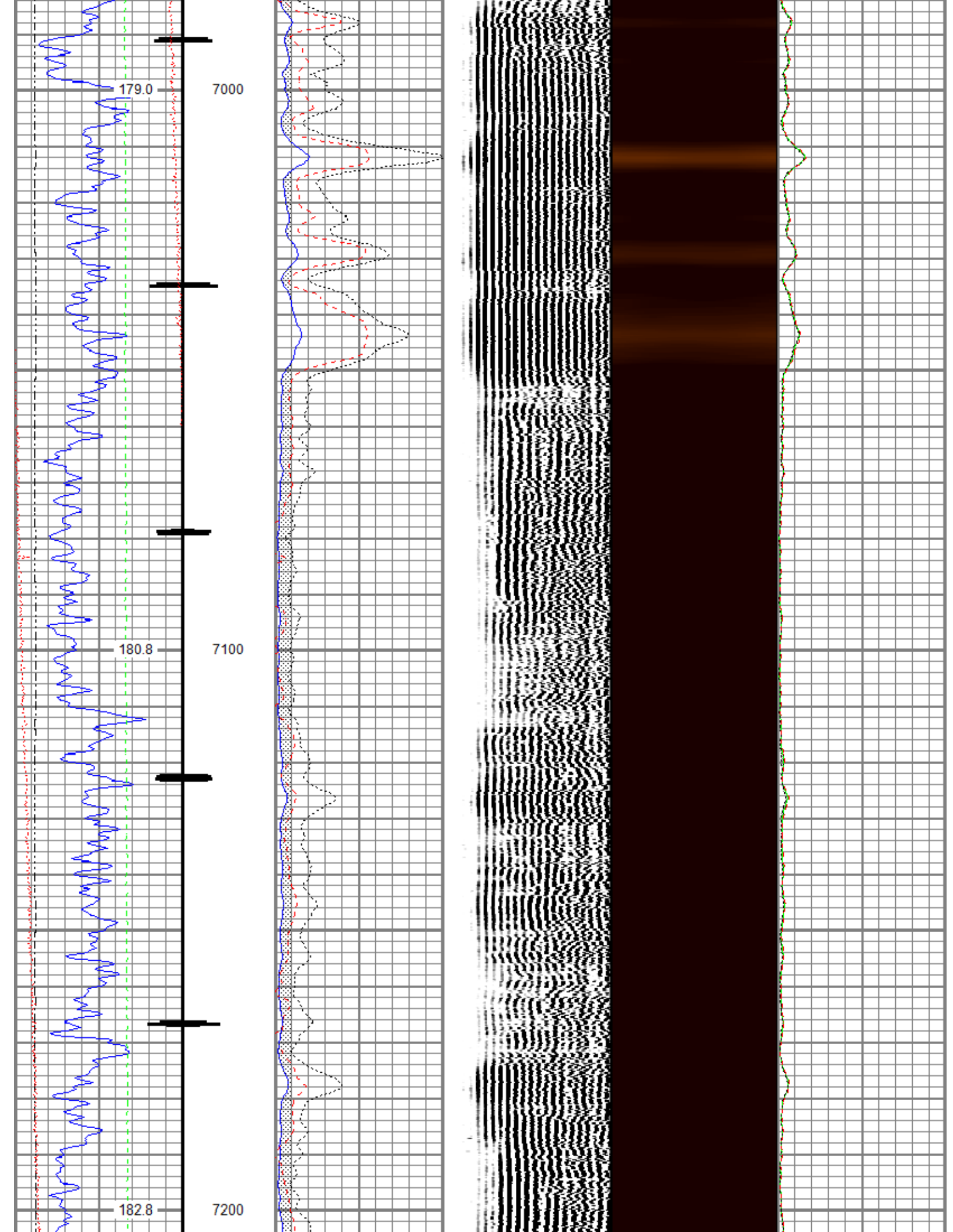


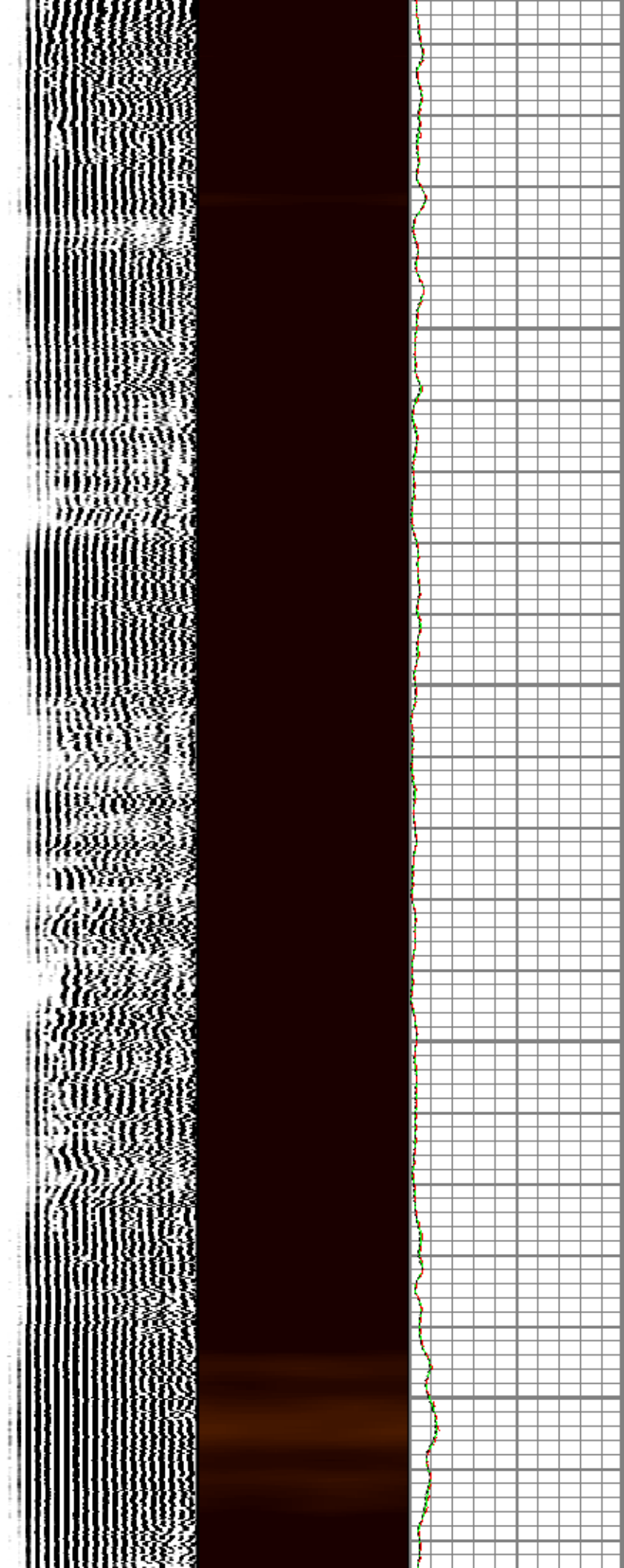
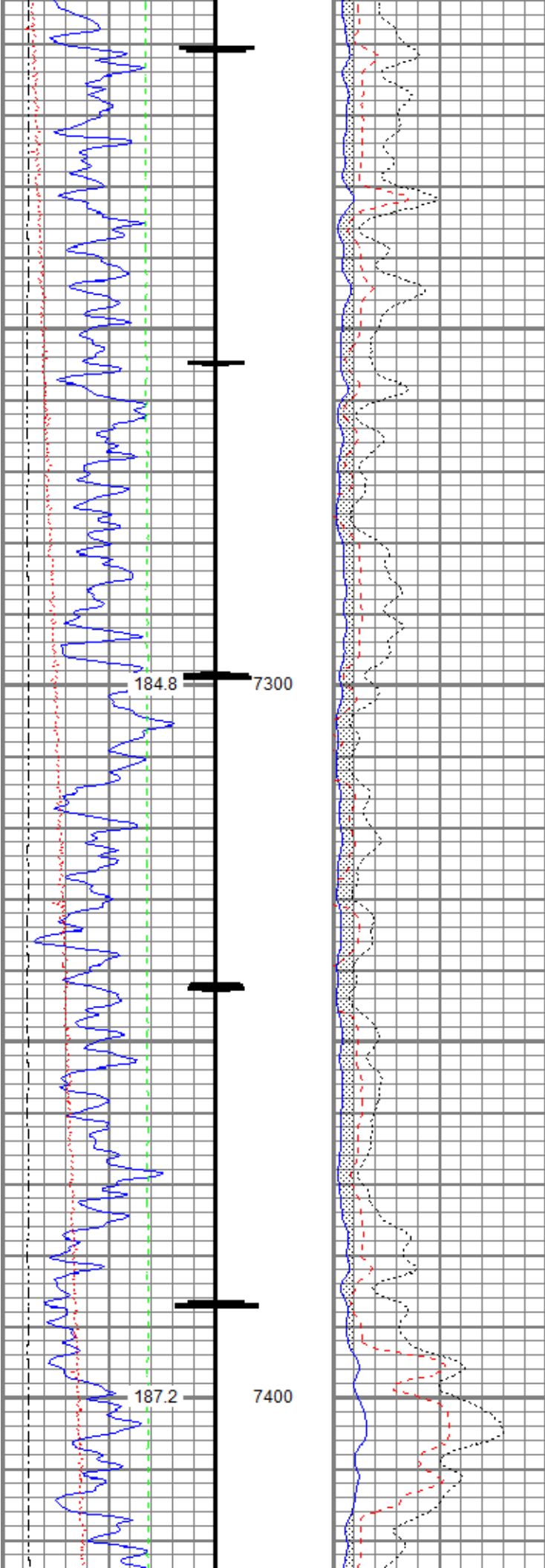


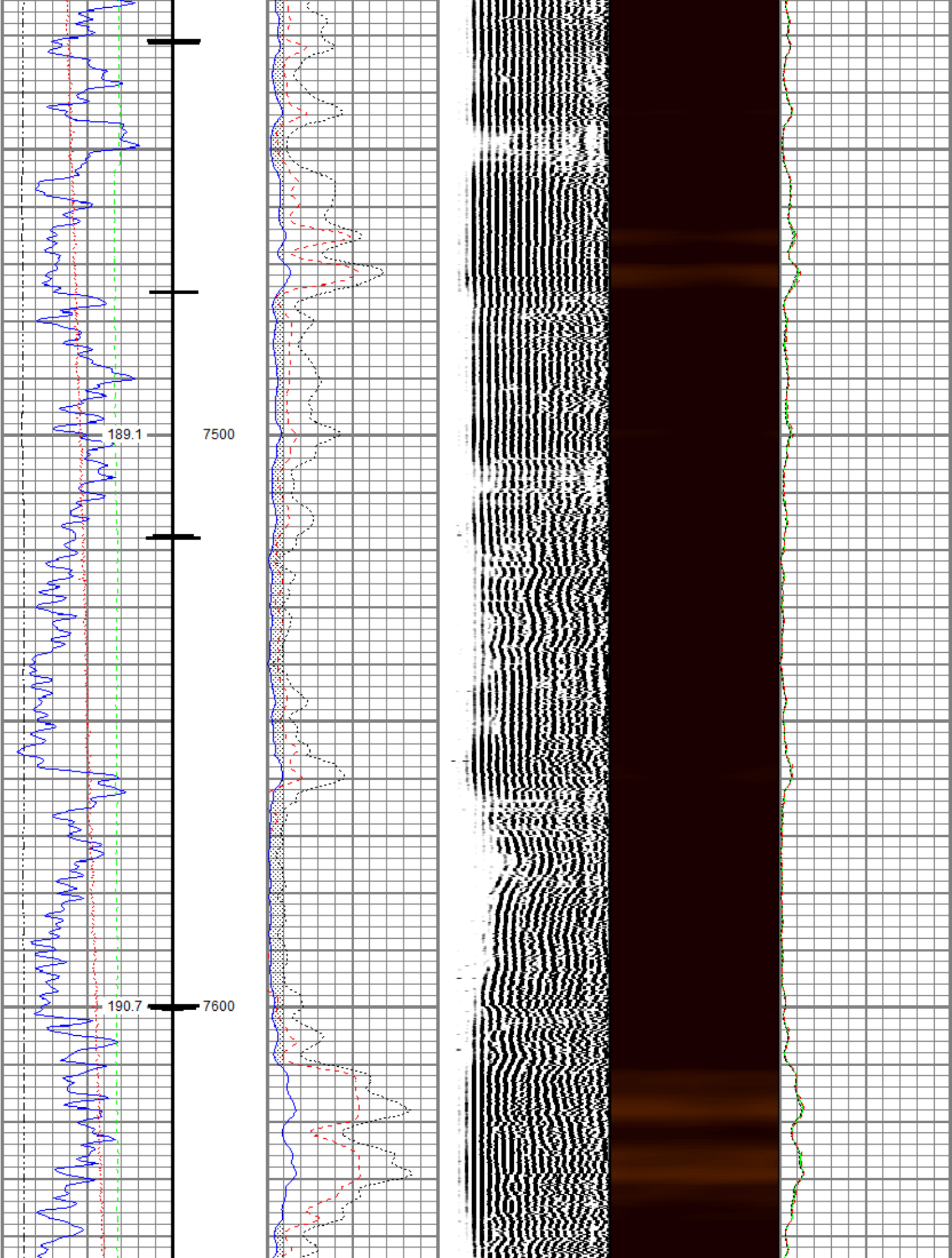


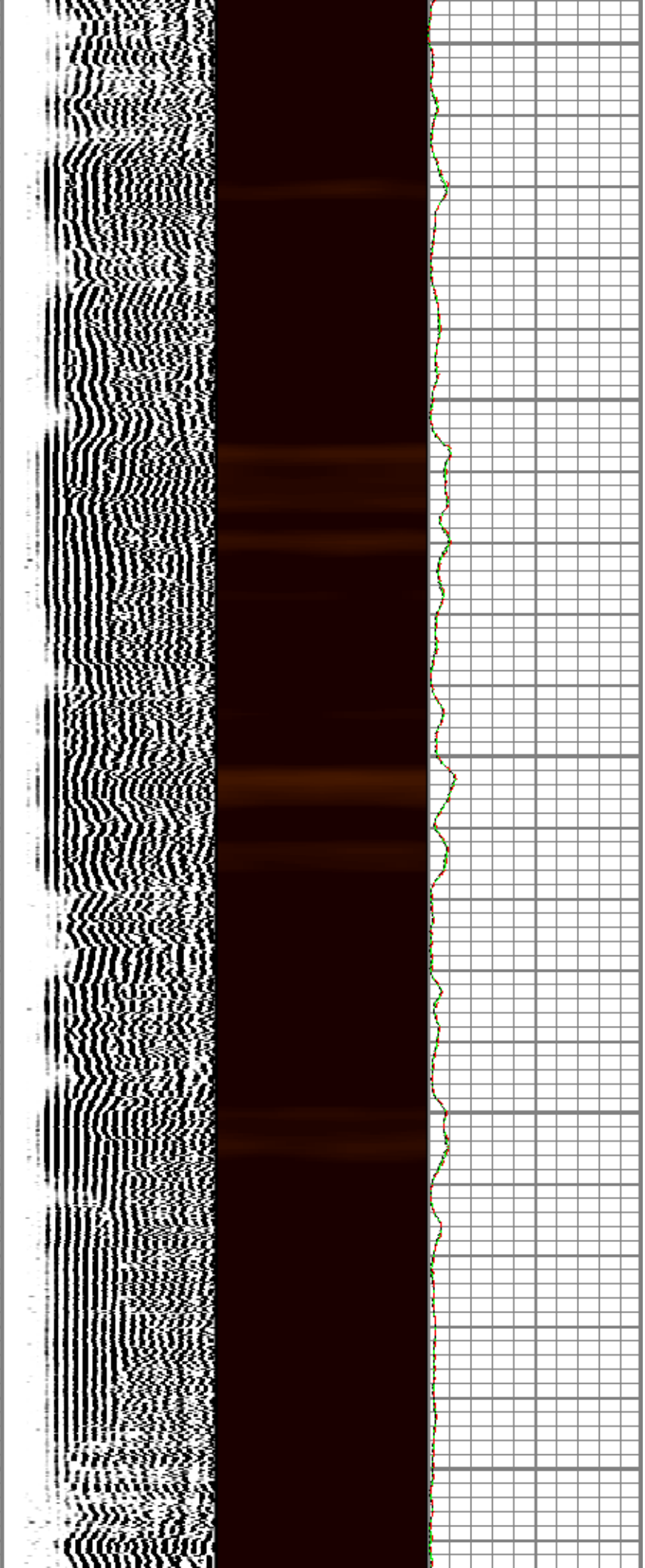
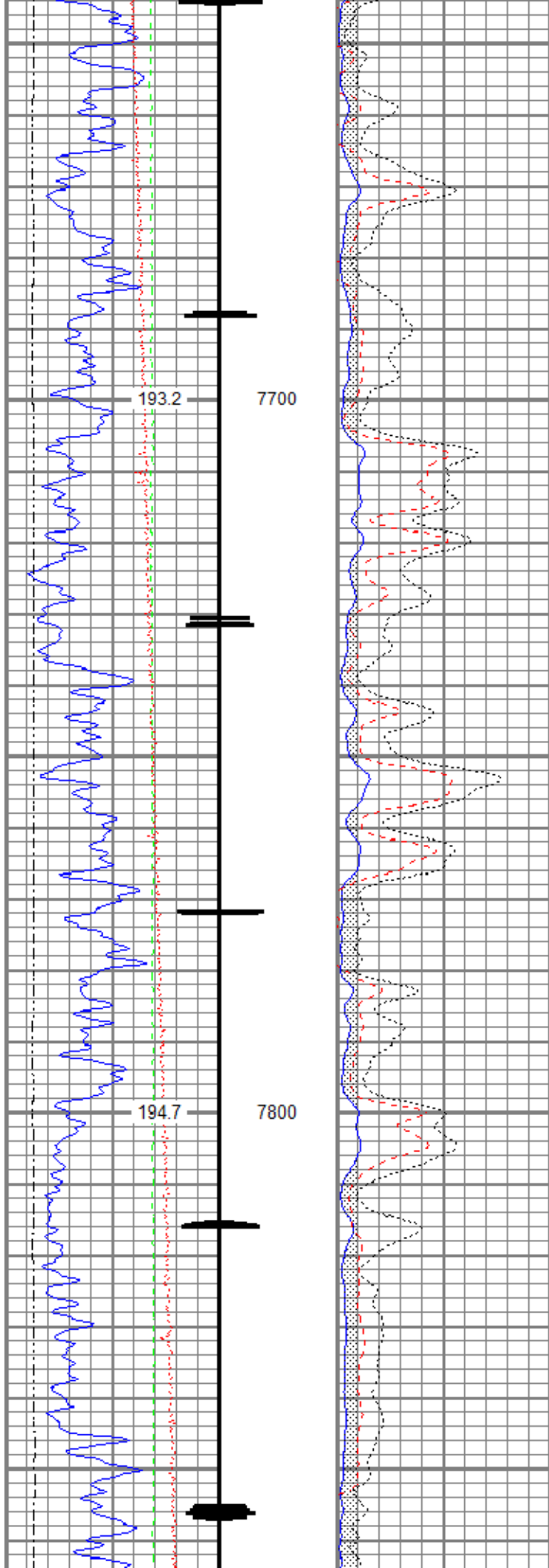


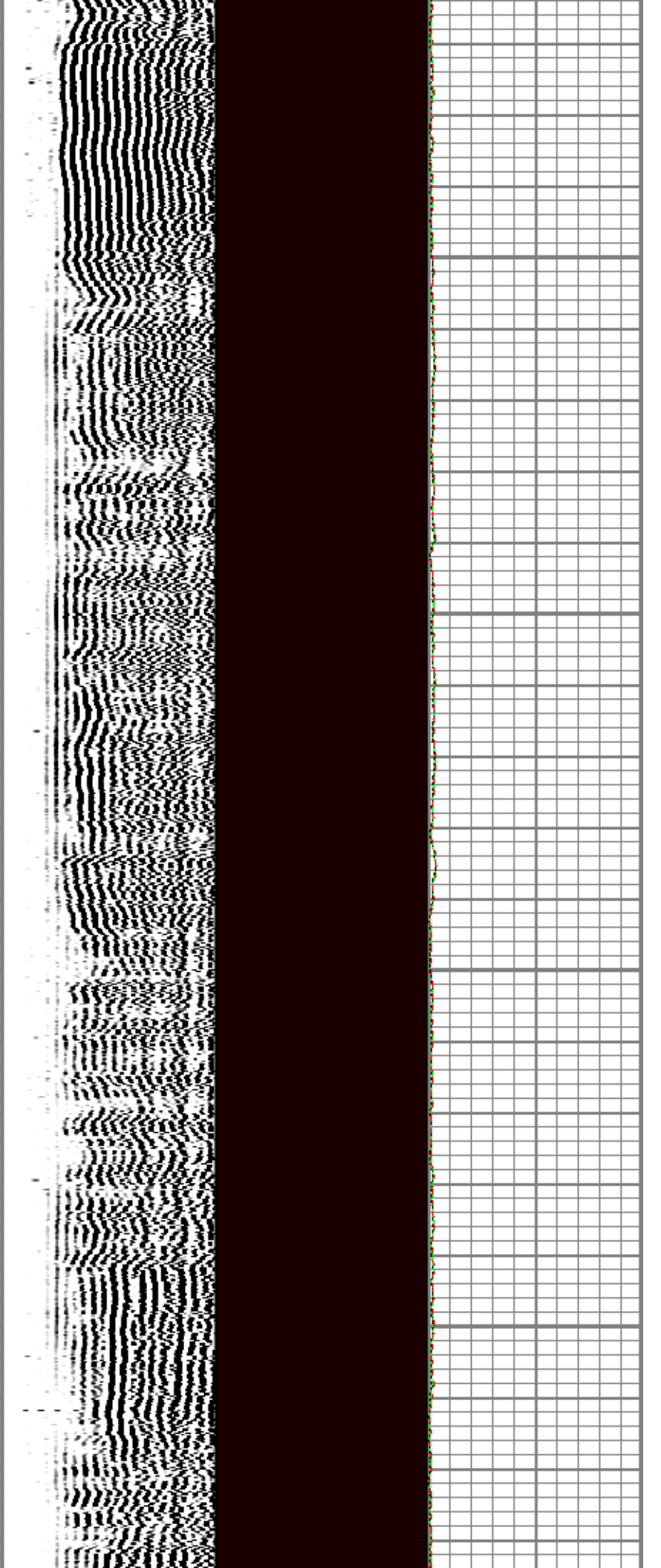
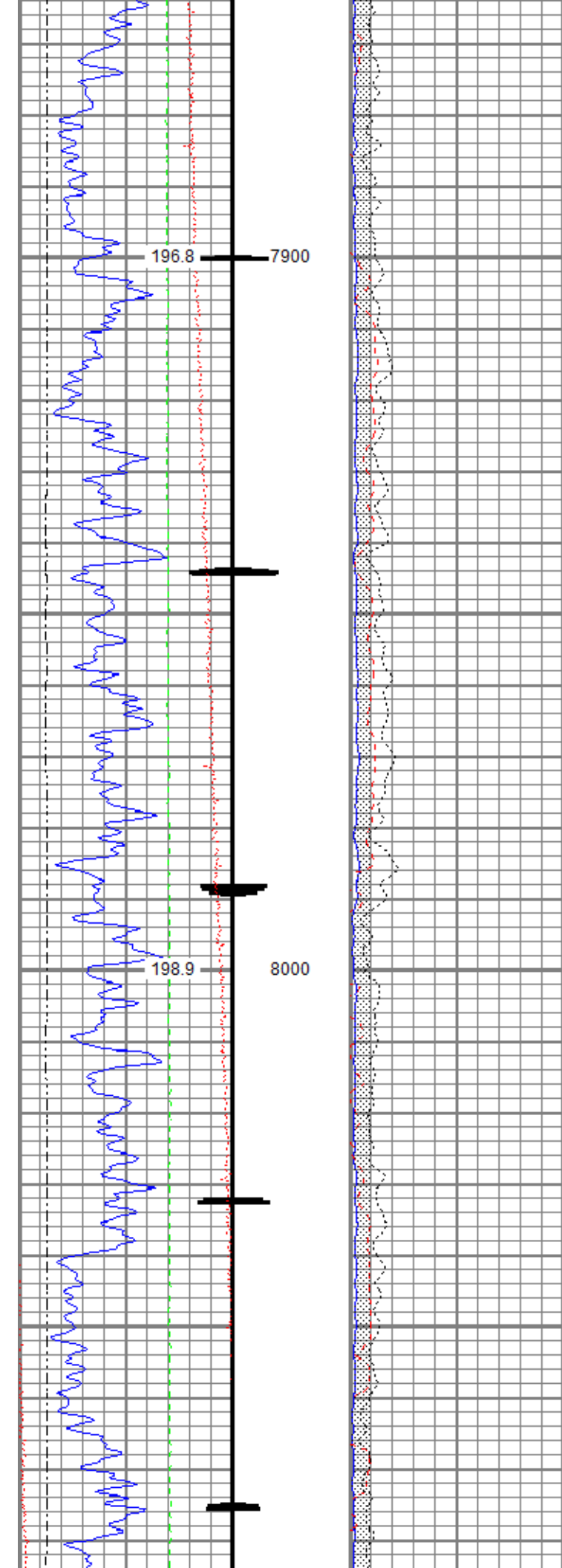


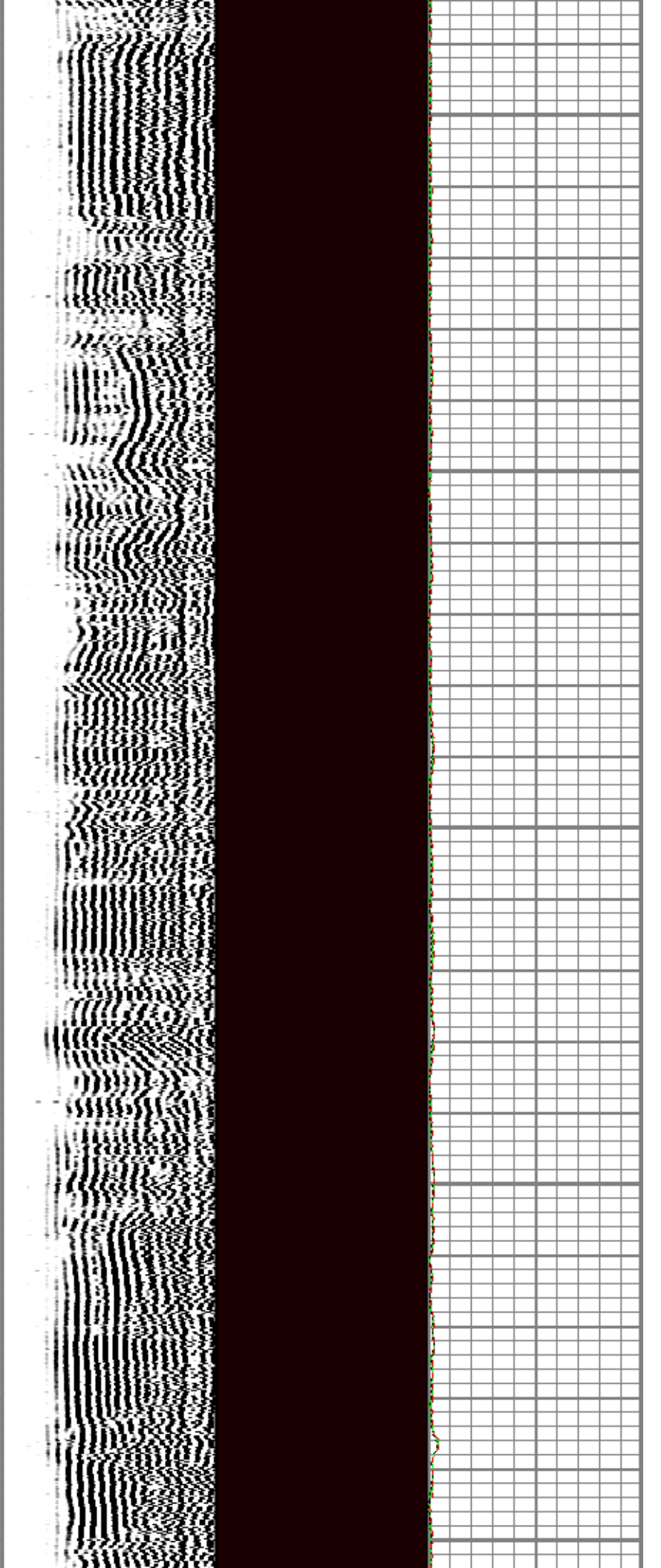
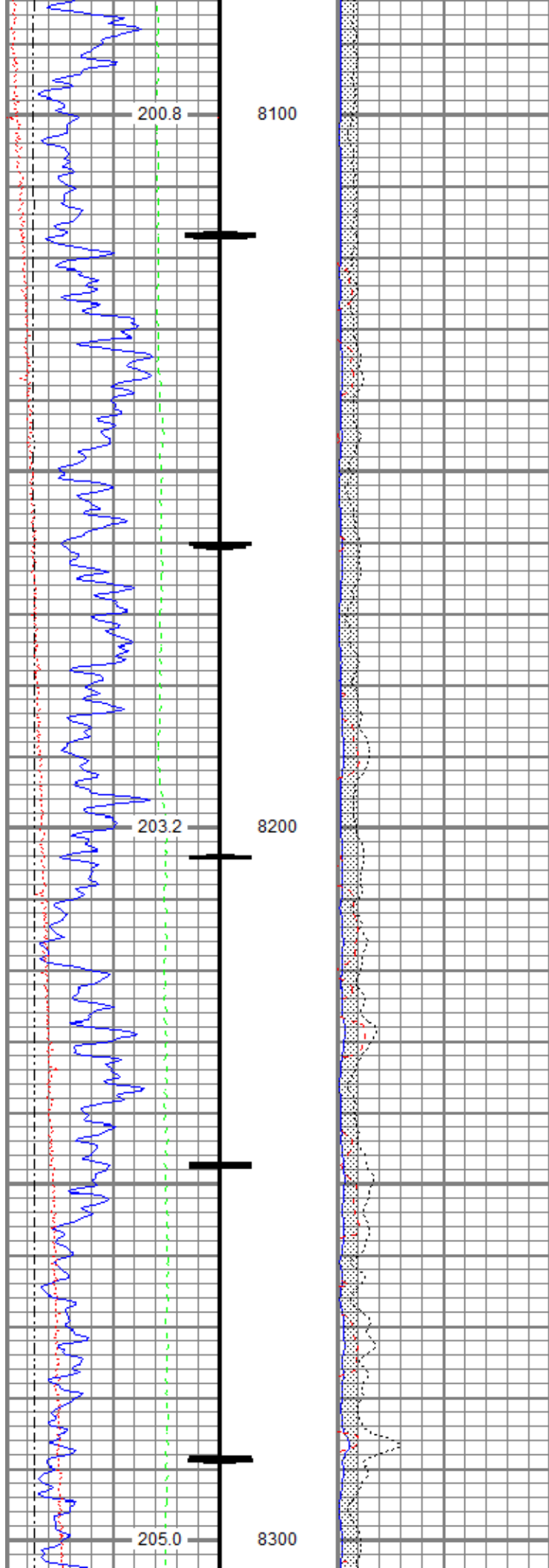


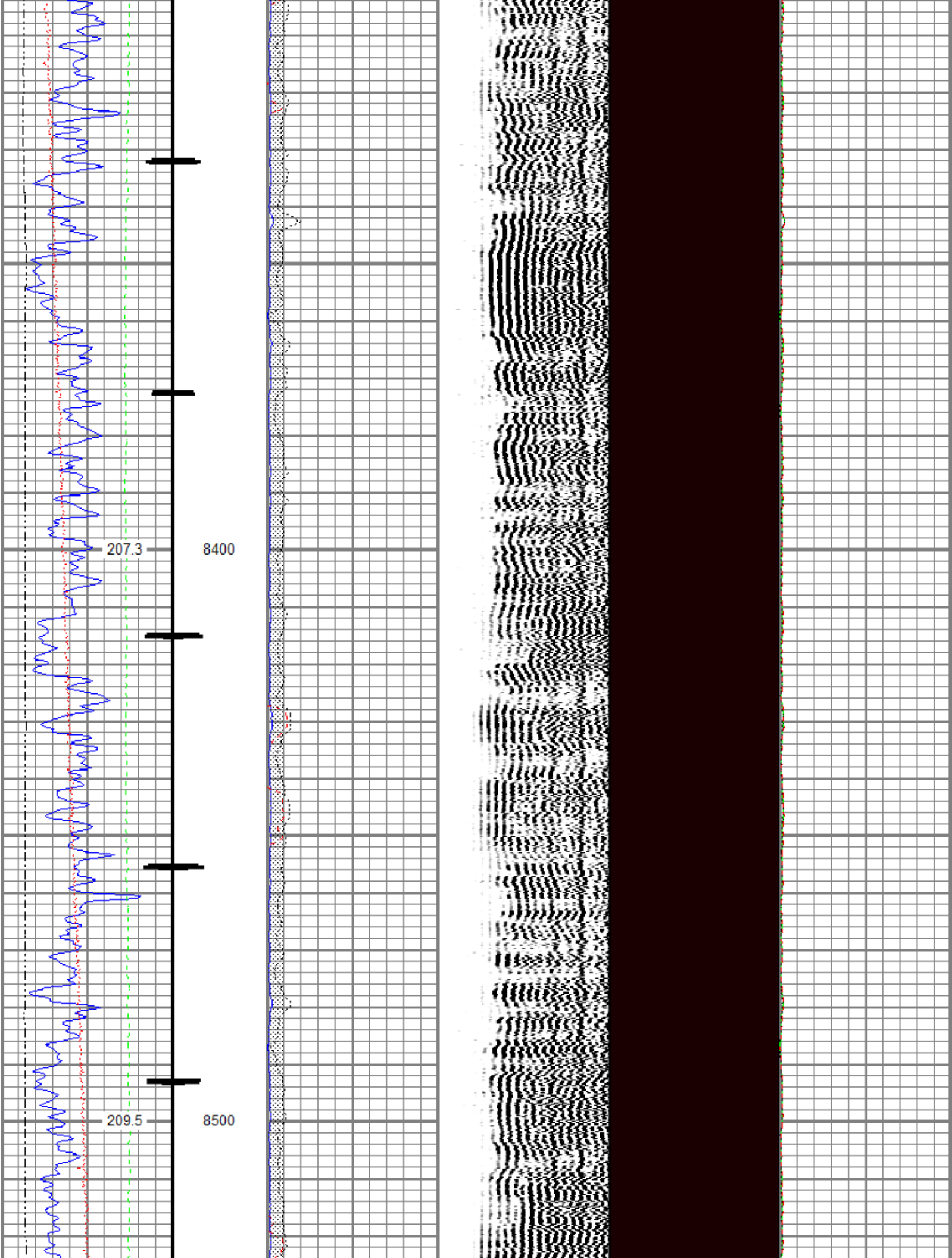


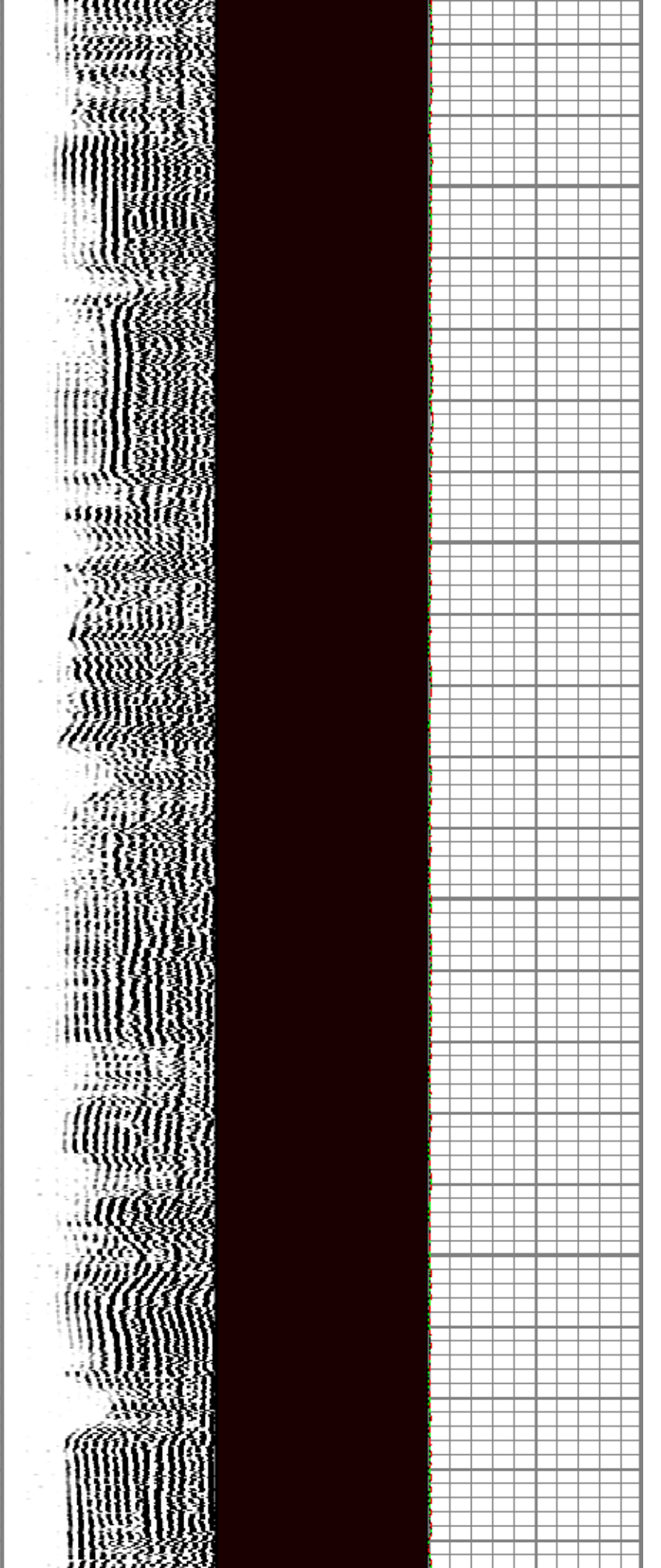
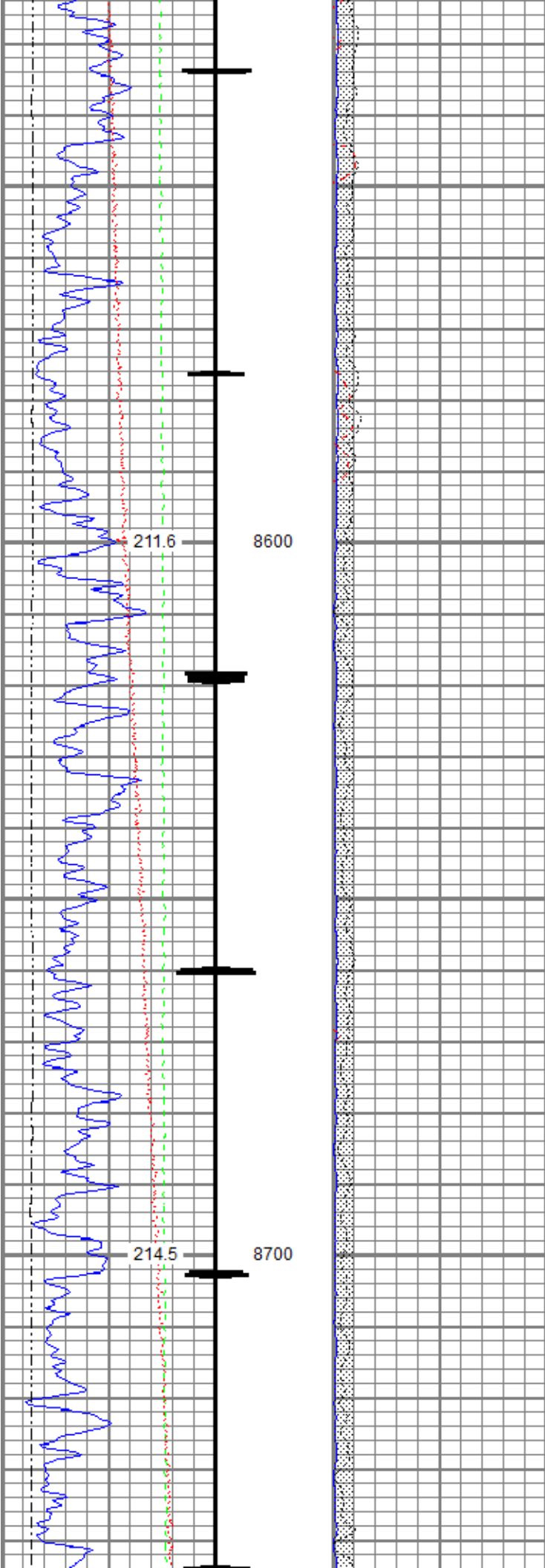


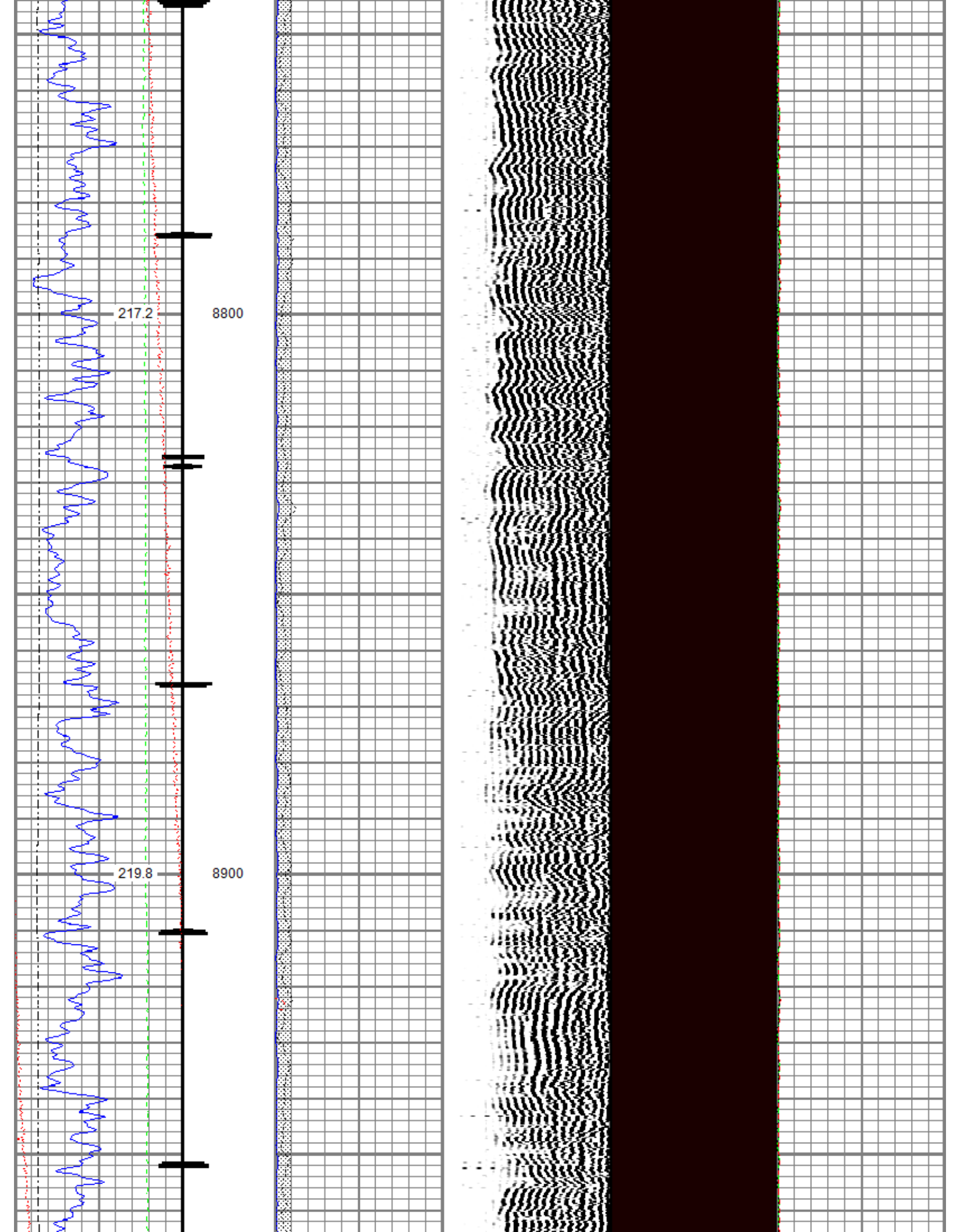


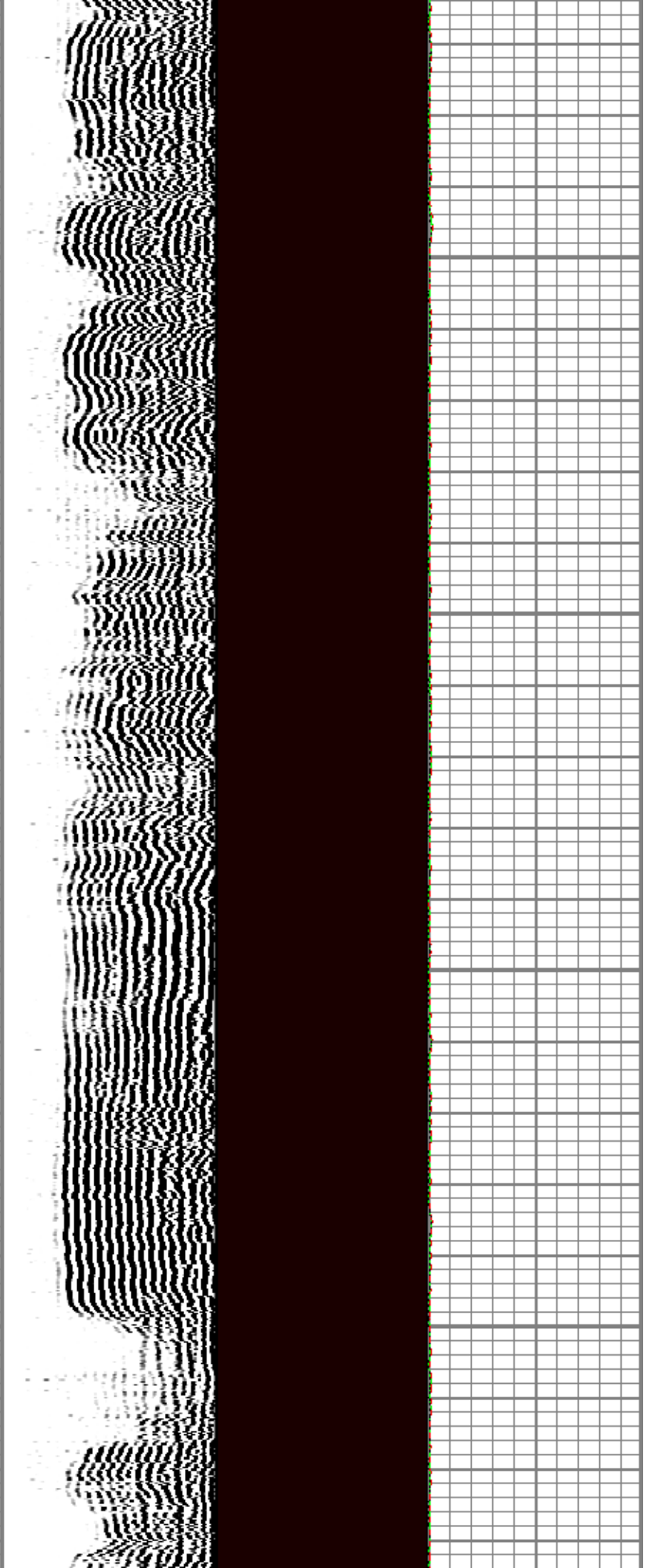
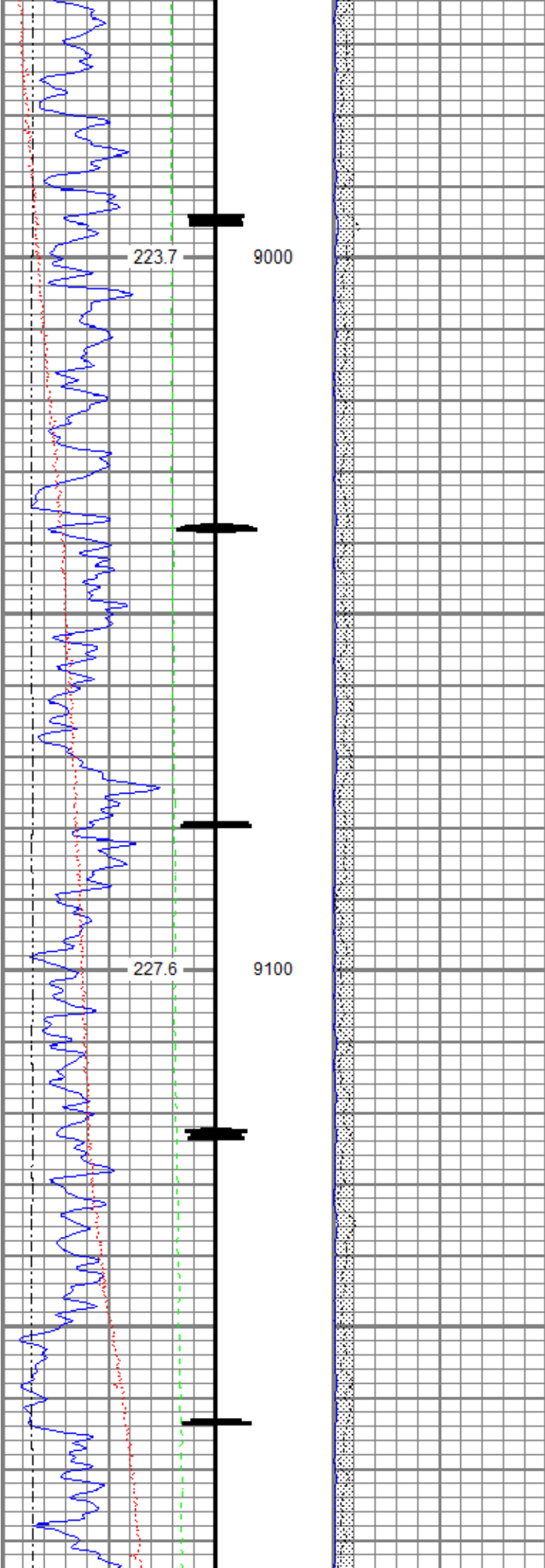


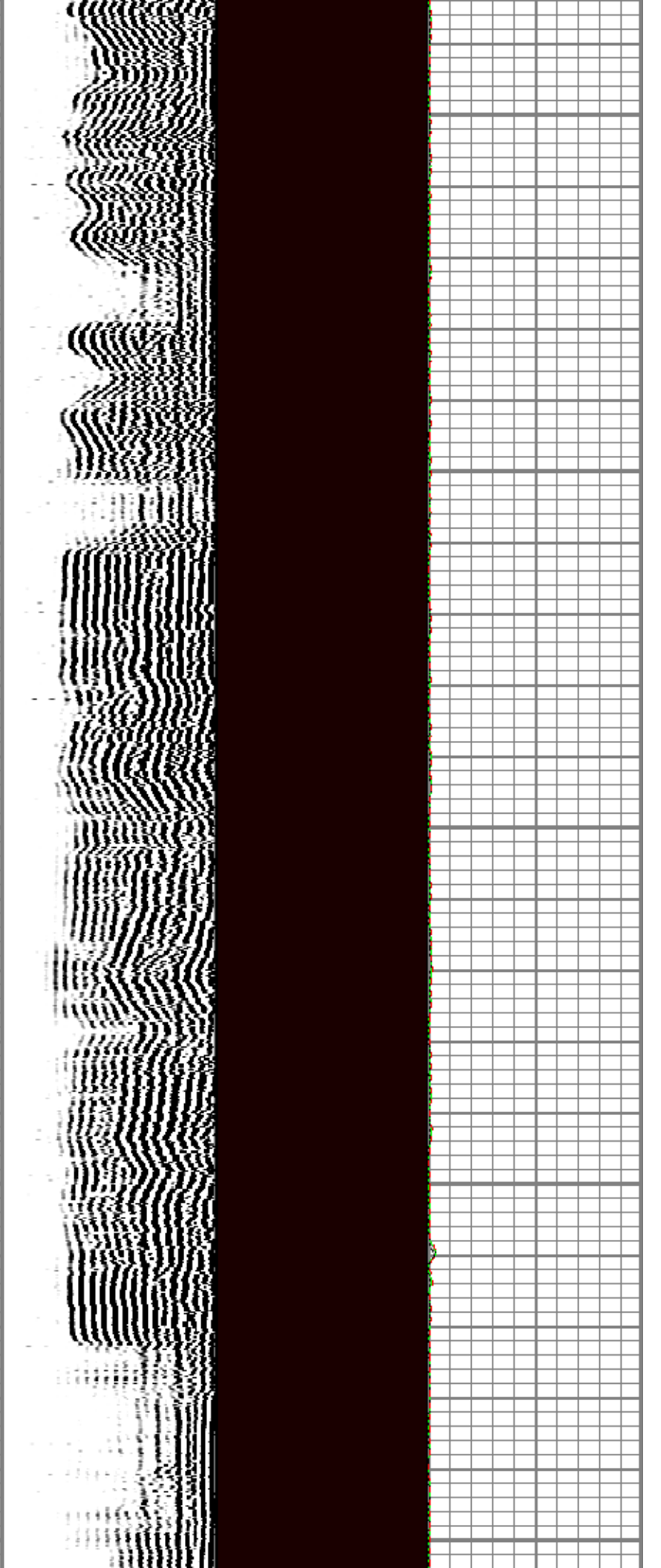
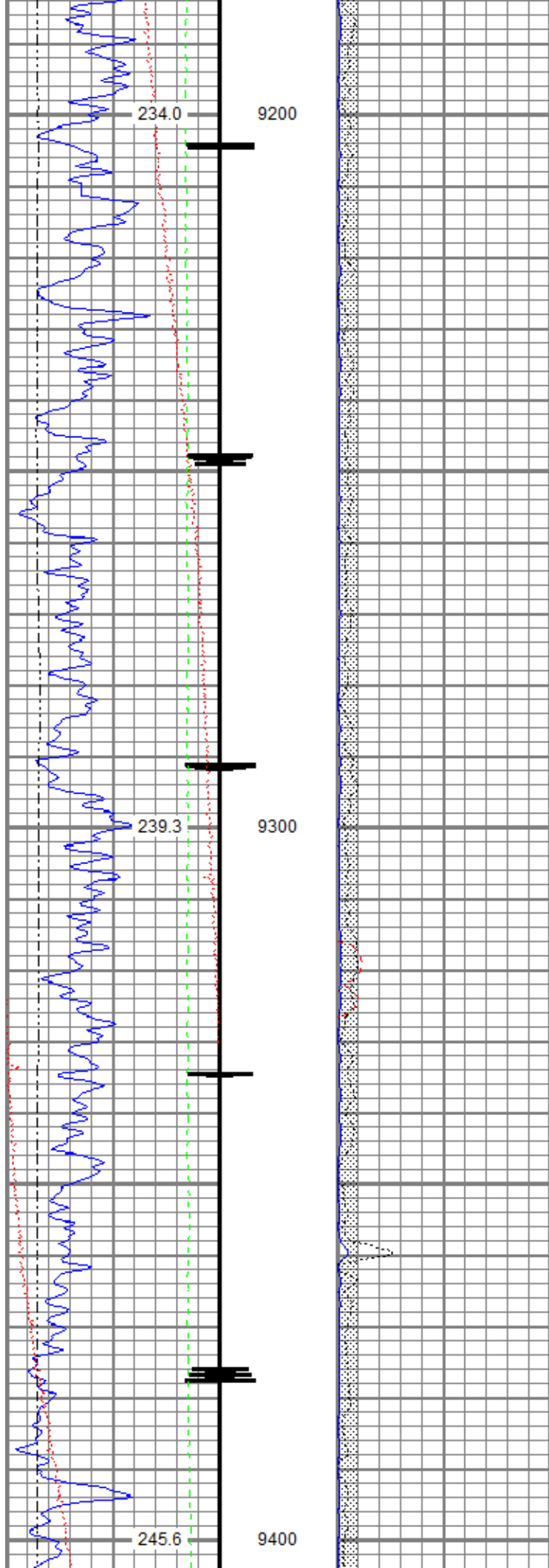


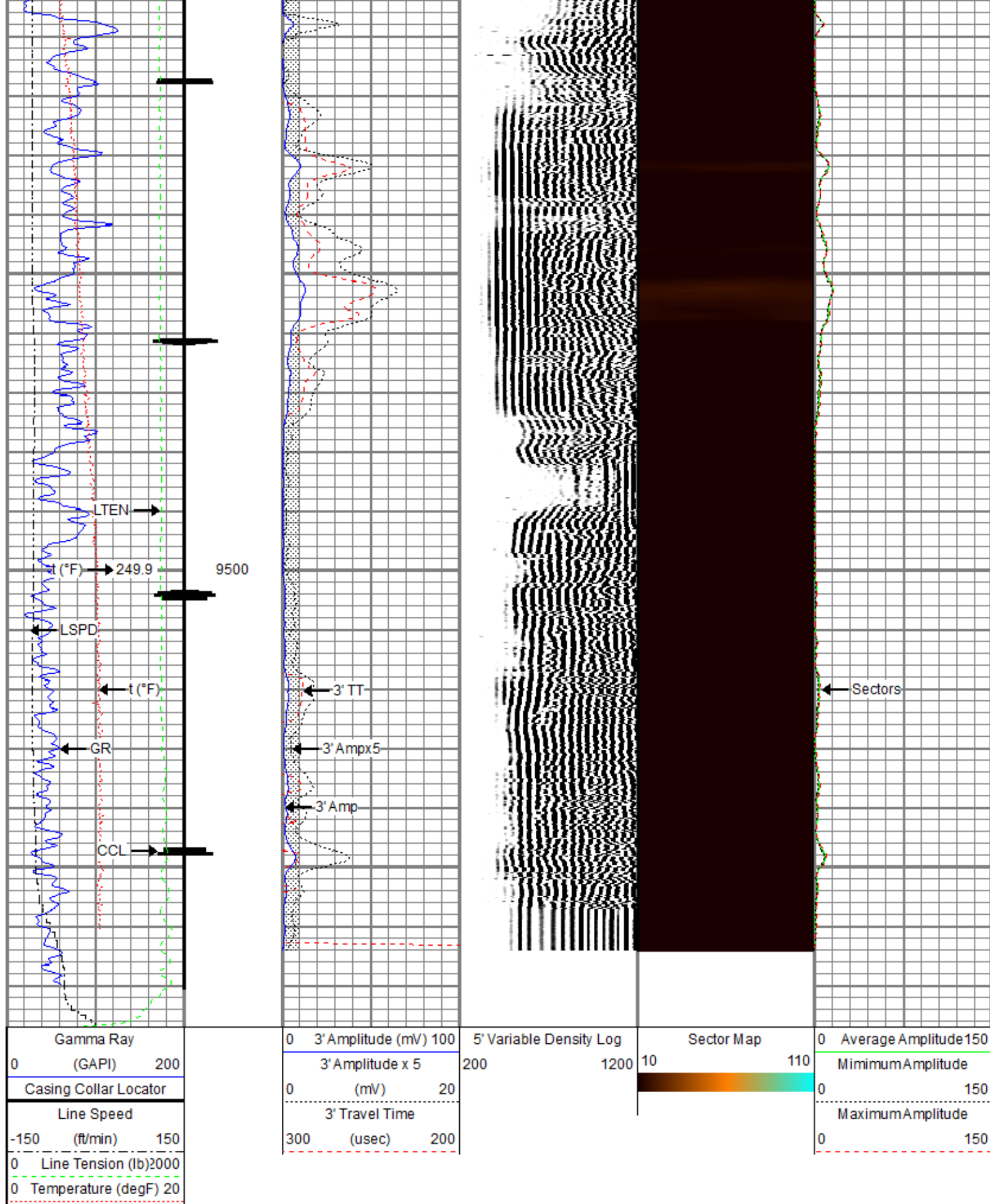






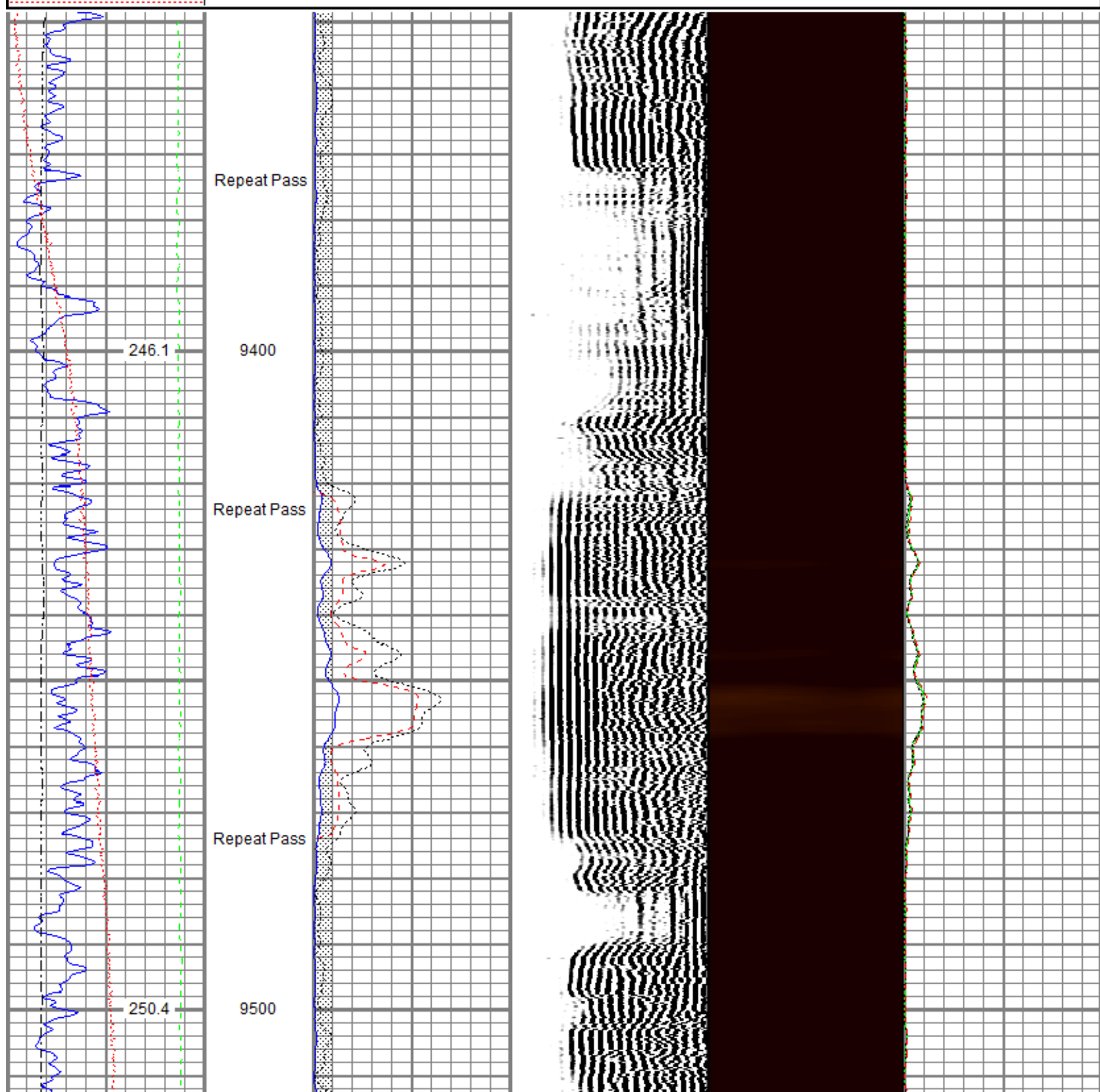
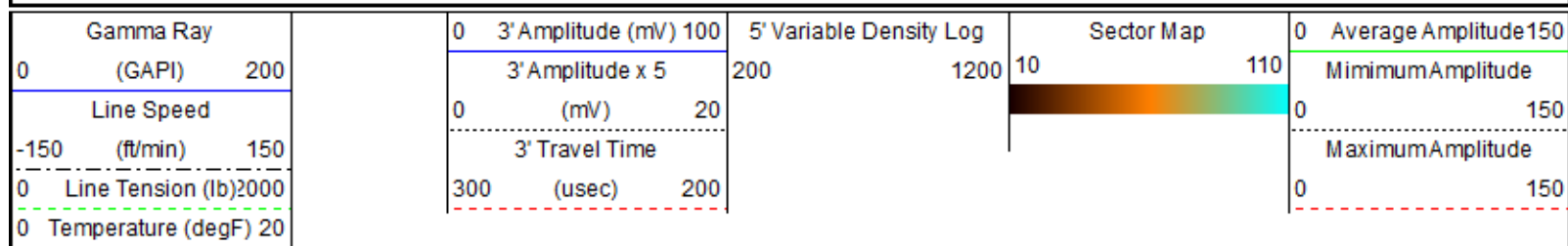


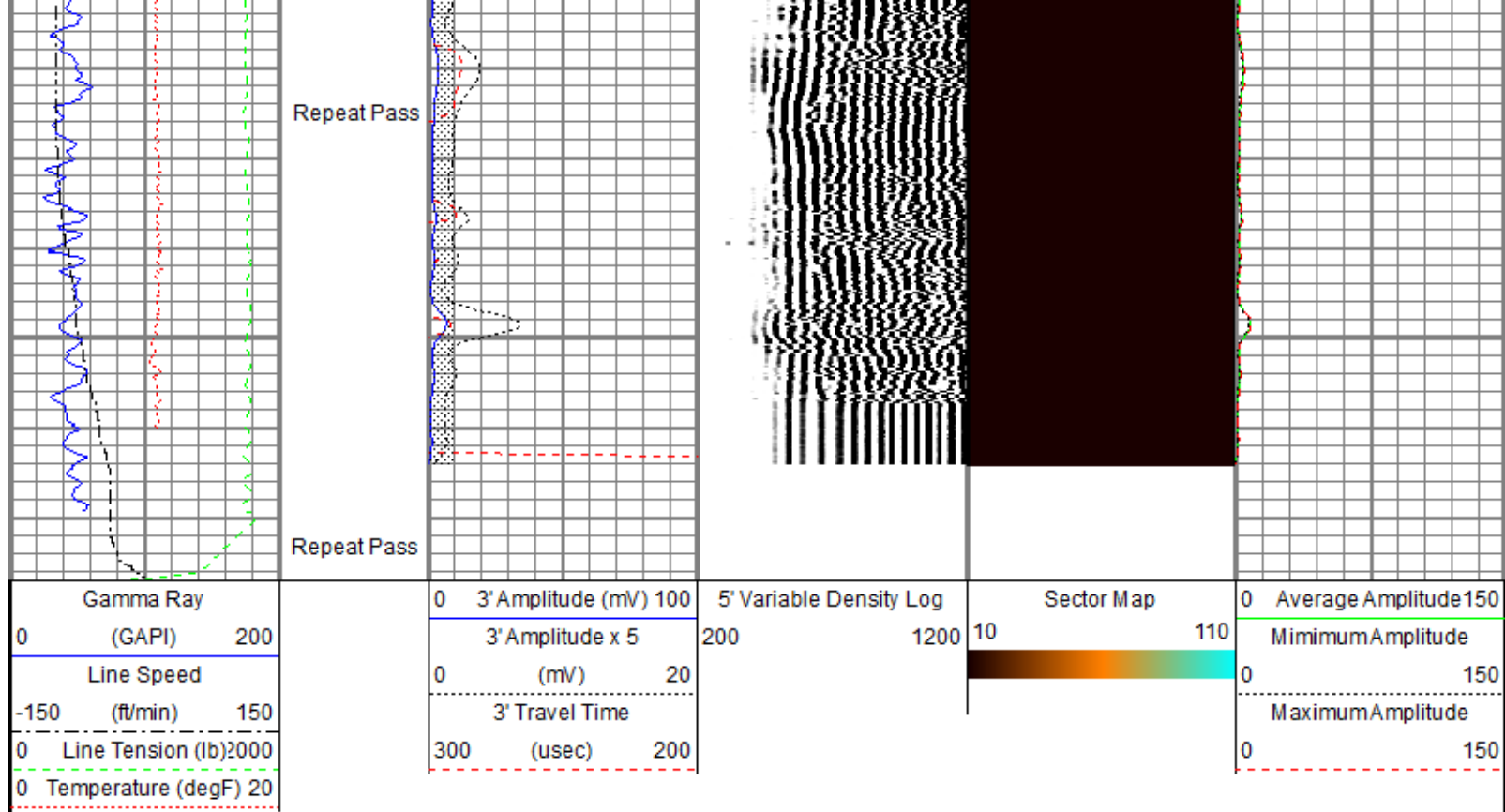


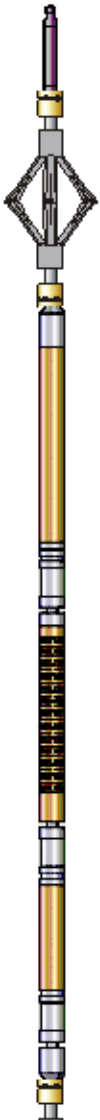
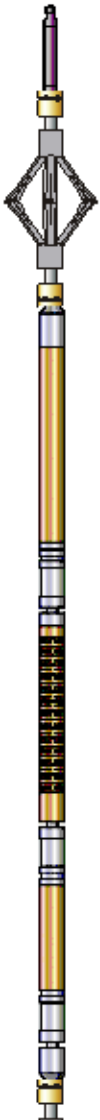


Repeat Pass

Database File	tep_ware sr 522-12_rbl_12-08-17\processed_tep_ware sr 522-12_rbl_12-08-17.db
Dataset Pathname	repeat
Presentation Format	ros_rbt004_tep
Dataset Creation	Fri Dec 08 11:53:50 2017
Charted by	Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	18.84		Titan_Electric_Cable_Heads-Titan_1-11/16" 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
Temp	16.05		Probe_RADII-C-P_RBT_2750 (101013) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
WVFS8	13.88					
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	0.62					

HEADVOLT	9.63						
				DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
DCCL	6.18						
CCL	6.18						
GR	4.96			Probe_GR_CCL-P_CGR_2750_S (FW1307-038) 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
<div>Dataset: processed_tep_ware sr 522-12_rbl_12-08-17.db: field/well/run1/main</div> <div>Total length: 22.40 ft</div> <div>Total weight: 261.40 lb</div> <div>O.D.: 2.75 in</div>							

Calibration Report						
Database File	c:\programdata\warrior\data\tep_ware sr 522-12_rbl_12-08-17\processed_tep_ware sr 522-12_rbl_12-08-17.db					
Dataset Pathname	main					
Dataset Creation	Fri Dec 08 11:58:57 2017					
Gamma Ray Calibration Report						
Serial Number:	FW1307-038					
Tool Model:	P_CGR_2750_S					
Performed:	Sat Feb 06 11:43:09 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:	101013					
Tool Model:	P_RBT_2750					
Calibration Casing Diameter:	4.500	in				
Calibration Depth:	31.410	ft				
Master Calibration, performed Fri Dec 08 09:23:28 2017:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	0.763	0.000	81.196	105.707	0.515
CAL	0.759	0.748				
5'	-0.003	0.687	0.000	81.196	117.625	0.382
SUM						
S1	-0.005	0.752	0.000	100.000	132.180	0.629
S2	-0.005	0.755	0.000	100.000	131.641	0.654

S3	-0.006	0.742	0.000	100.000	133.699	0.774
S4	-0.004	0.759	0.000	100.000	131.020	0.549
S5	-0.005	0.752	0.000	100.000	132.148	0.600
S6	-0.004	0.758	0.000	100.000	131.110	0.578
S7	-0.006	0.750	0.000	100.000	132.340	0.785
S8	-0.004	0.767	0.000	100.000	129.647	0.516

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.759	0.748	1.000	0.000

Air Zero Calibration, performed Fri Dec 08 09:23:52 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	-0.005		0.000		-0.000	
5'	-0.003		0.000		-0.001	
SUM						
S1	-0.005		0.000		-0.000	
S2	-0.005		0.000		-0.000	
S3	-0.006		0.000		0.000	
S4	-0.004		0.000		-0.000	
S5	-0.004		0.000		-0.001	
S6	-0.004		0.000		-0.000	
S7	-0.005		0.000		-0.001	
S8	-0.004		0.000		-0.000	



Company TEP Rocky Mountain LLC
Well Ware SR 522-12
Field Rulison
County Garfield
State Colorado