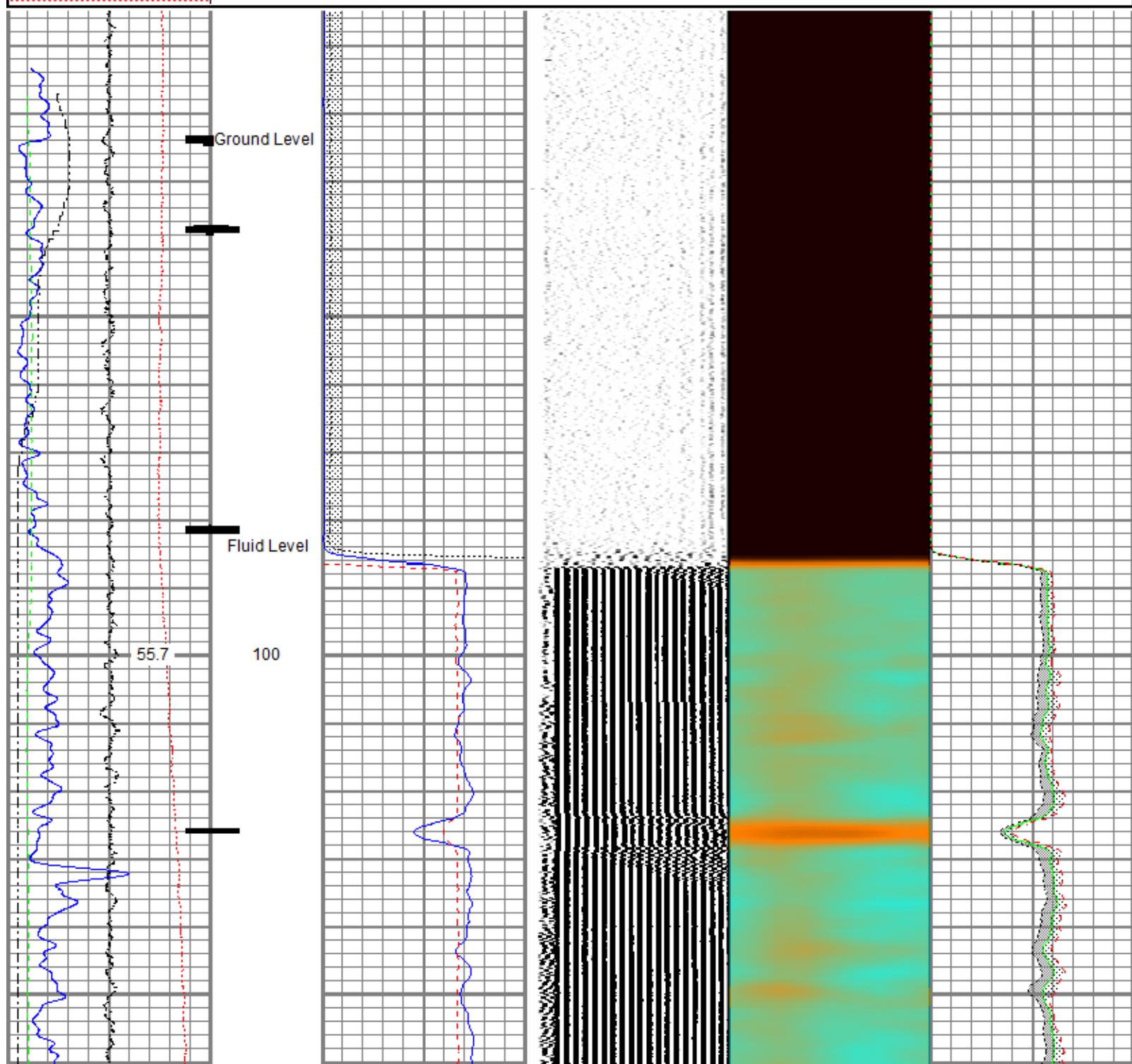
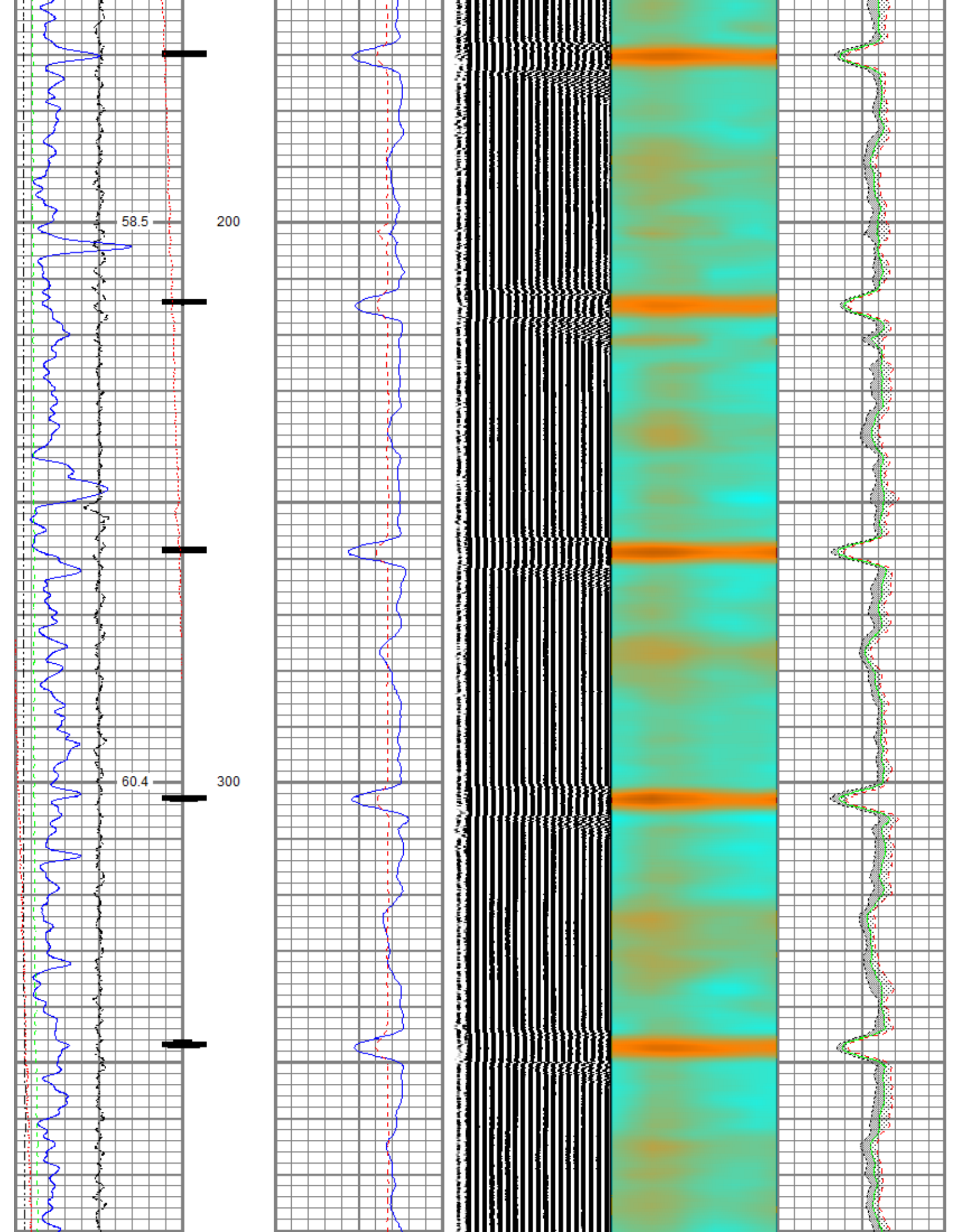


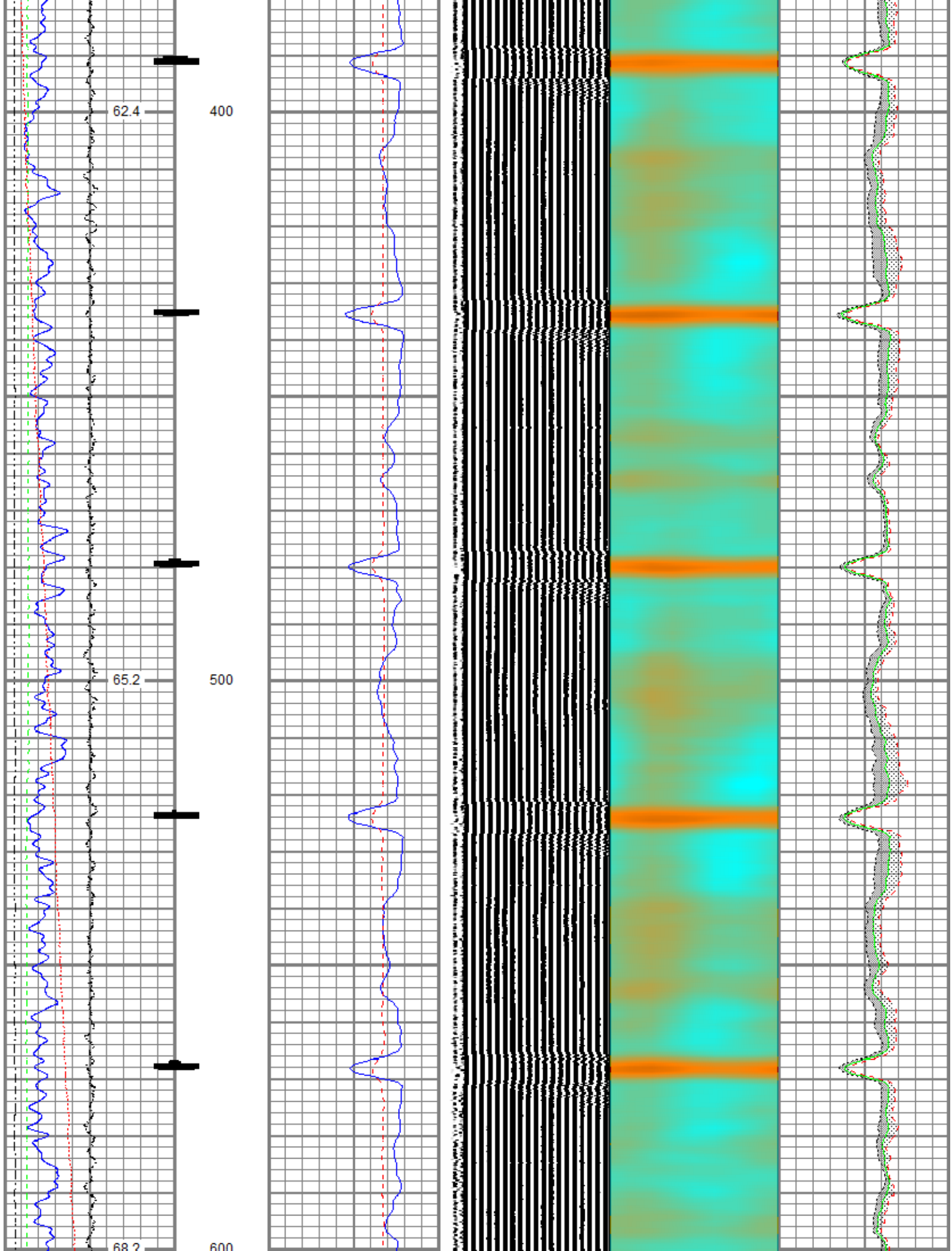
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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
<p>Log ran as per customer request Depth referenced to Kelly Bushing at 24 FT Marker Joint Logged from 5770-5791 FT Log ran from 9440 FT to Surface Recorded with 0 PSI Surface Induced Pressure</p> <p>Thank you for choosing Reliance Oilfield Services, LLC!</p>

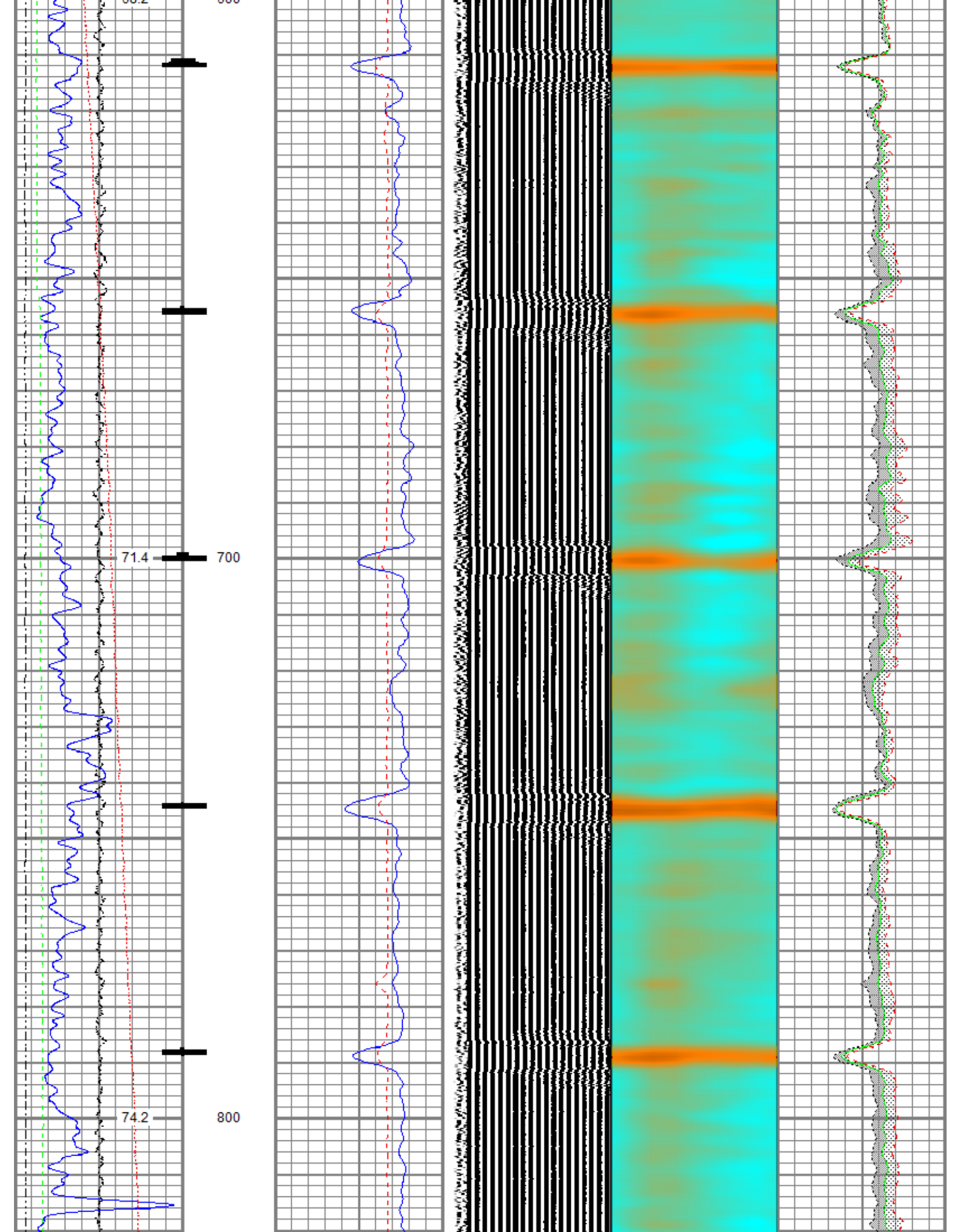
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 Dataset Pathname Main.2
 Presentation Format ros_rbt004_tep
 Dataset Creation Tue Mar 19 20:33:06 2019
 Charted by Depth in Feet scaled 1:240

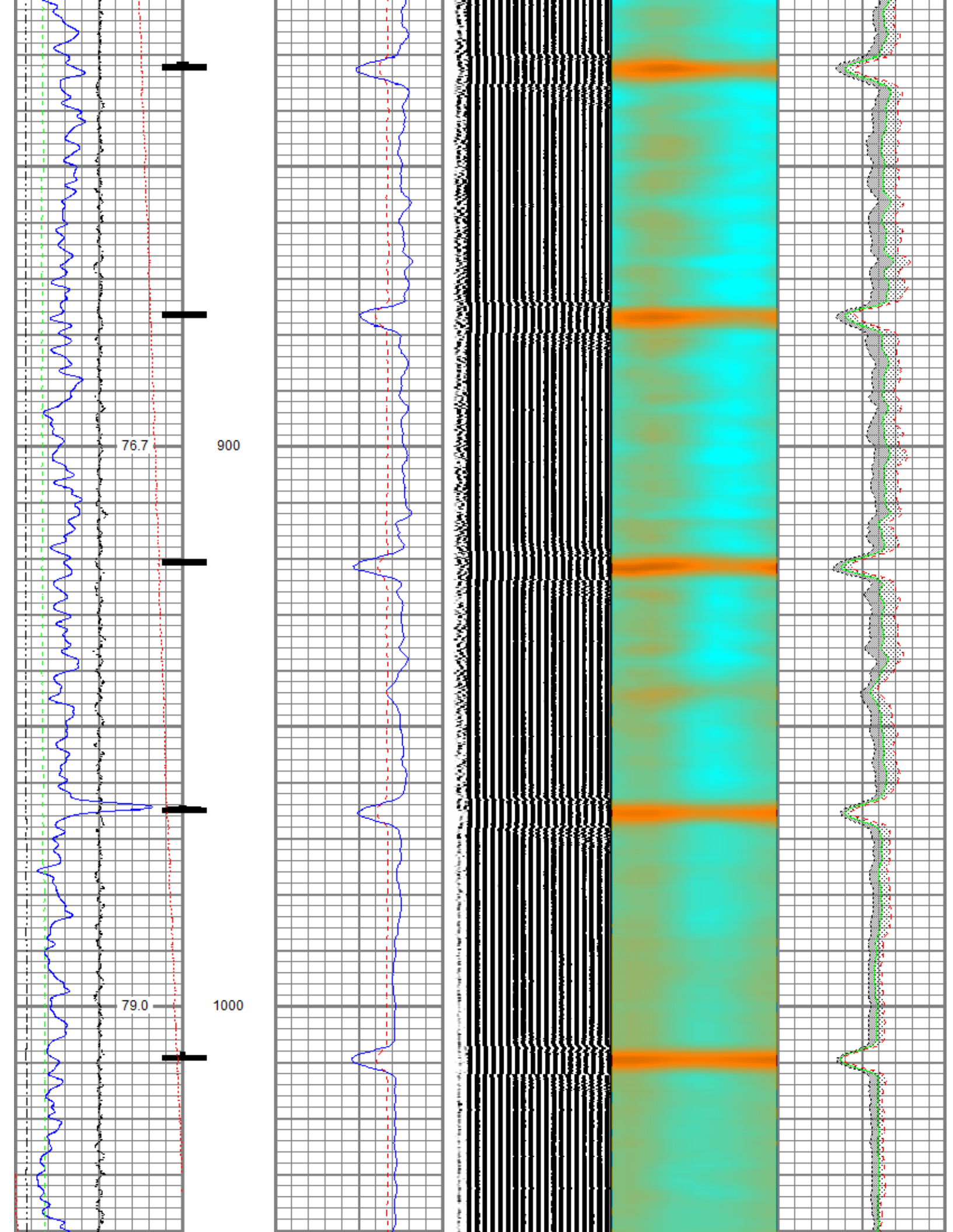
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 150
(GAPI) 200		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator		0 (mV) 20			0	150
Line Speed		3' Travel Time				Maximum Amplitude
-150 (ft/min) 150		300 (usec) 200			0	150
Line Tension (lb) 2000						
Differential Temperature						
-2 (degF) 2						
Temperature (degF) 20						

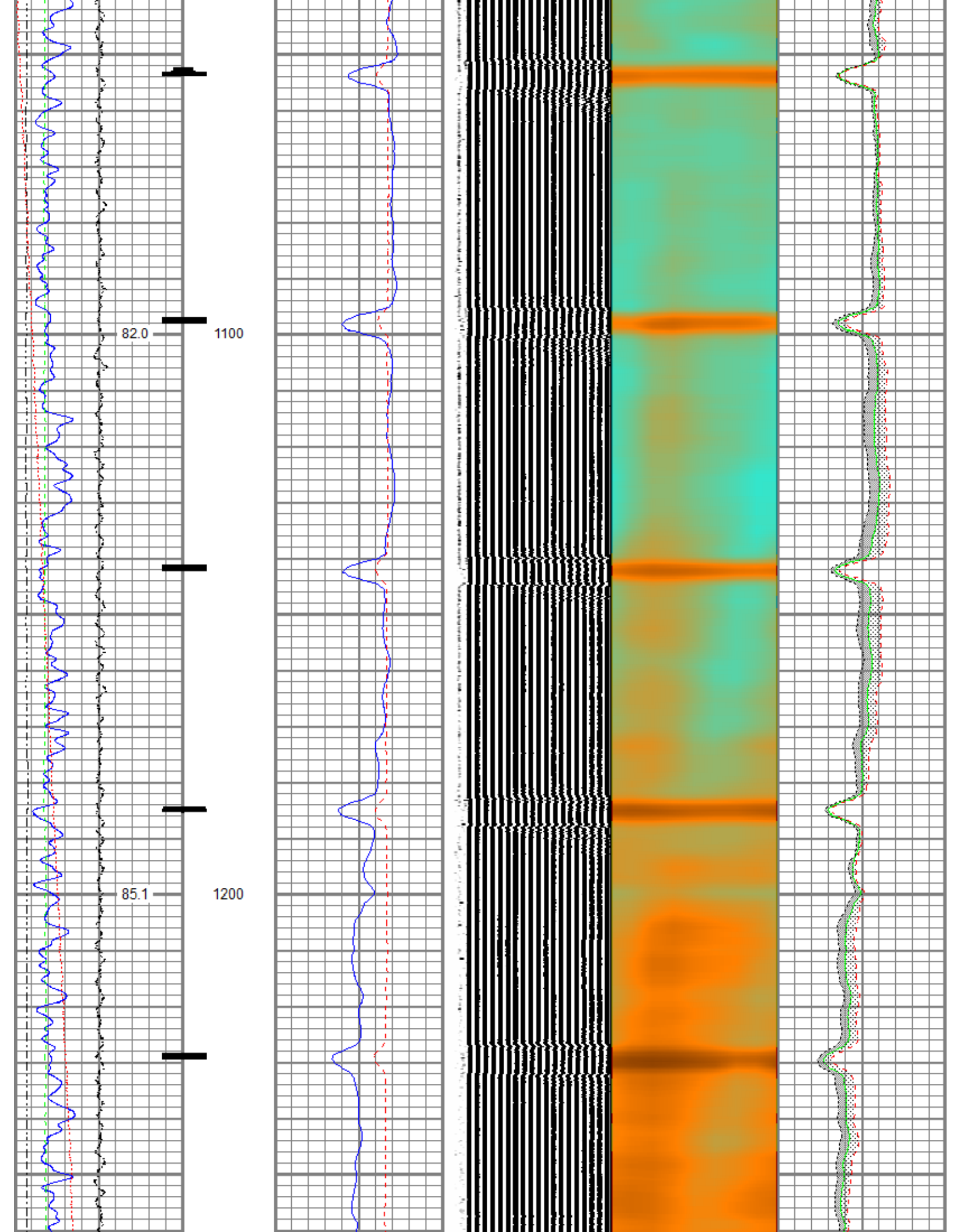


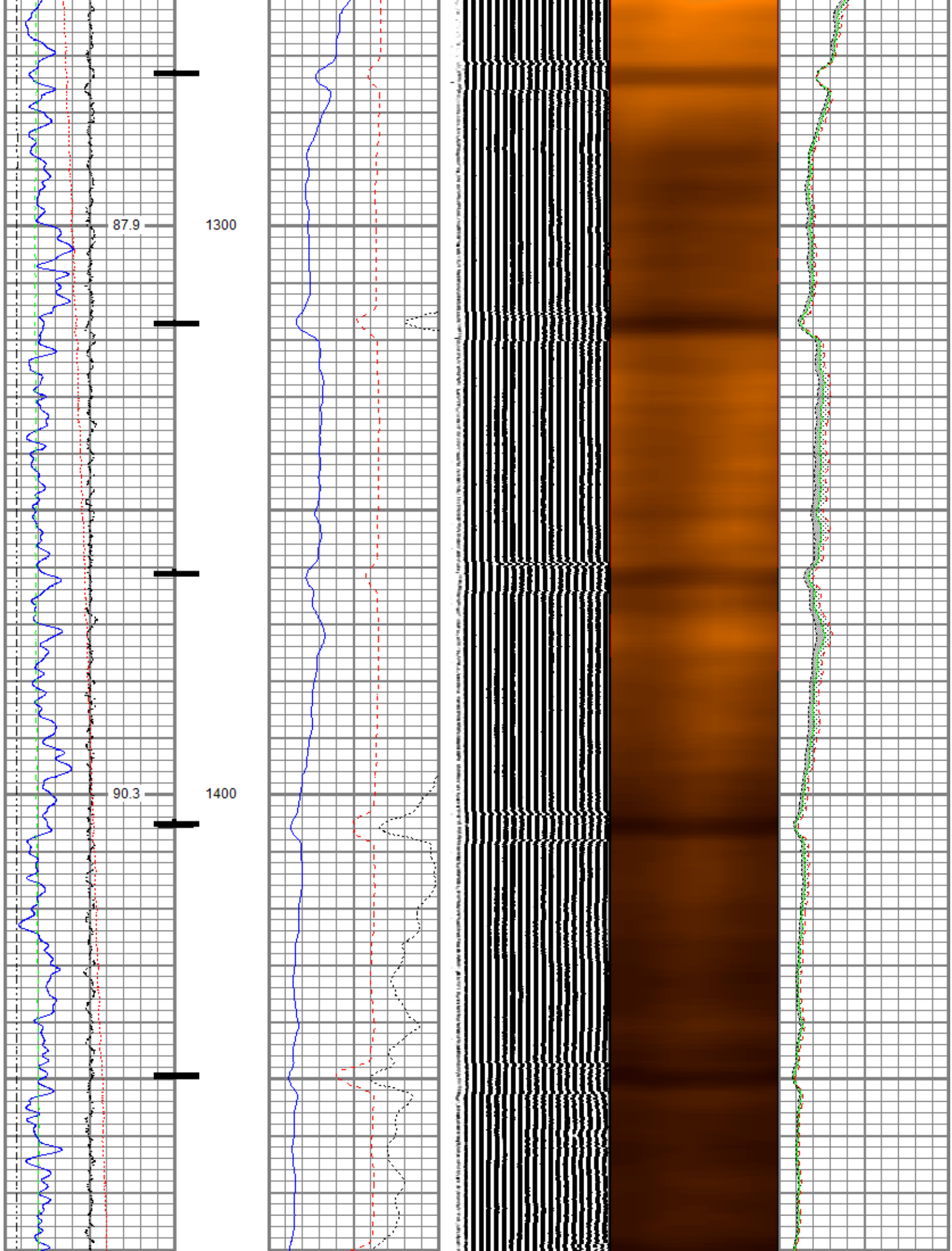


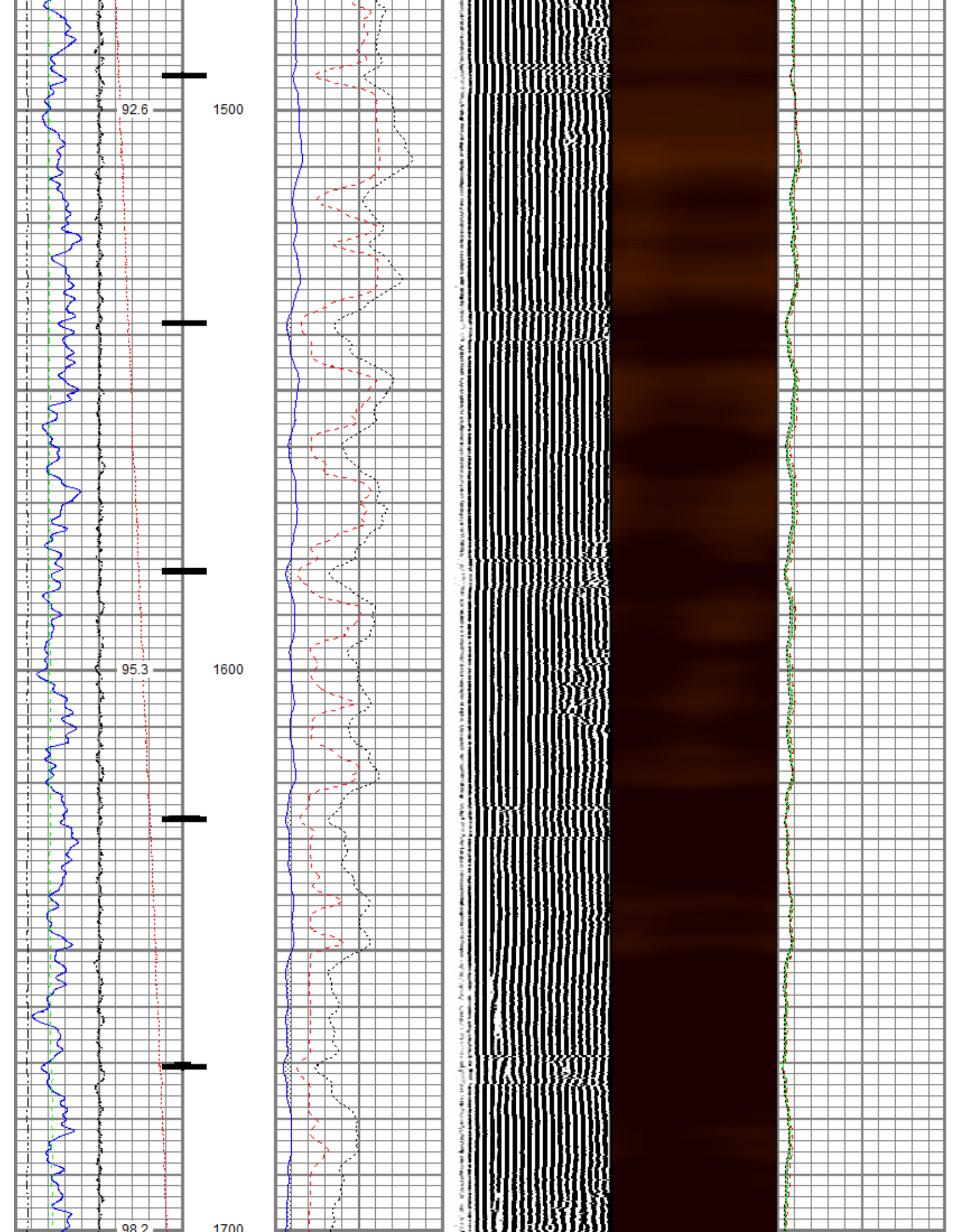


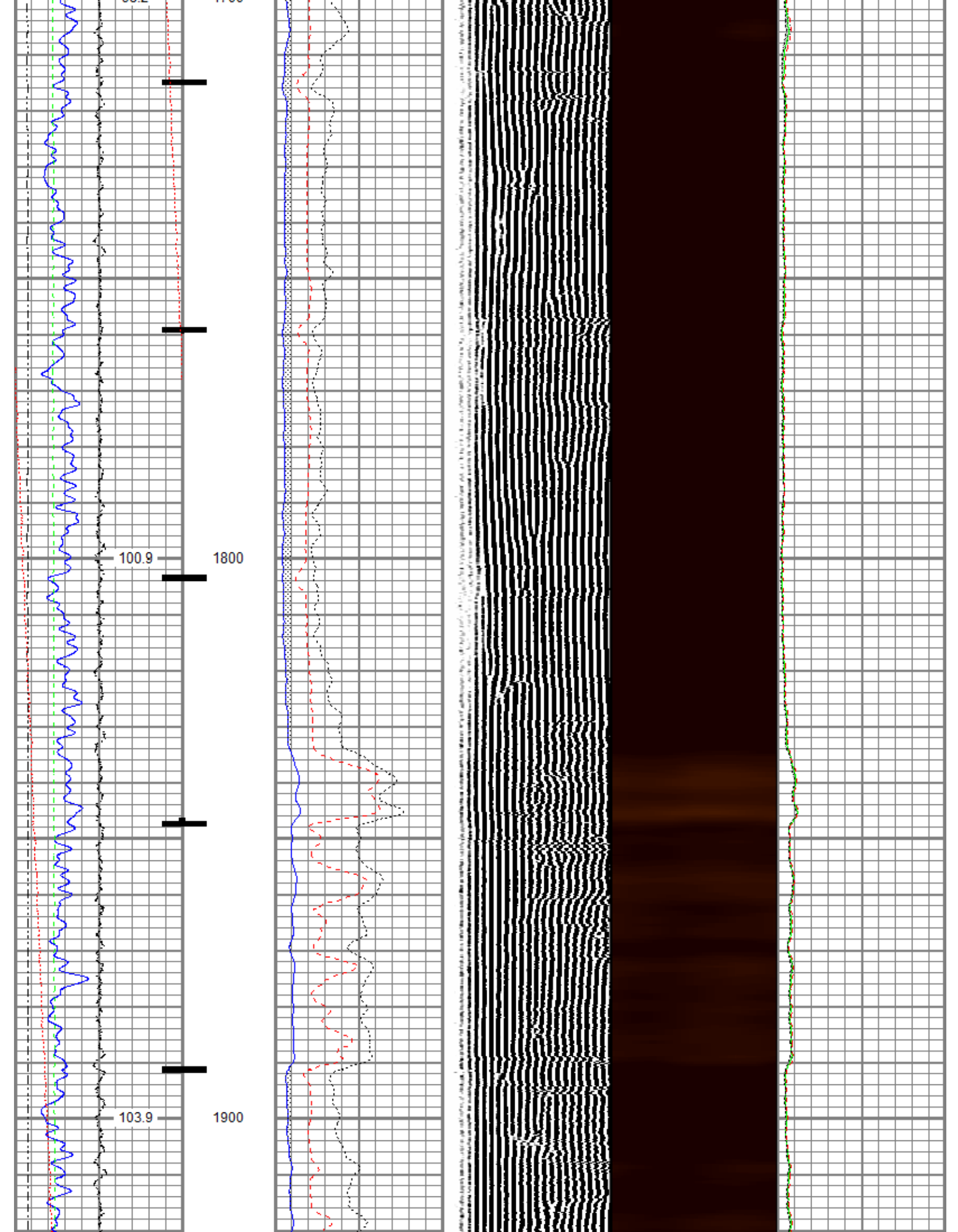


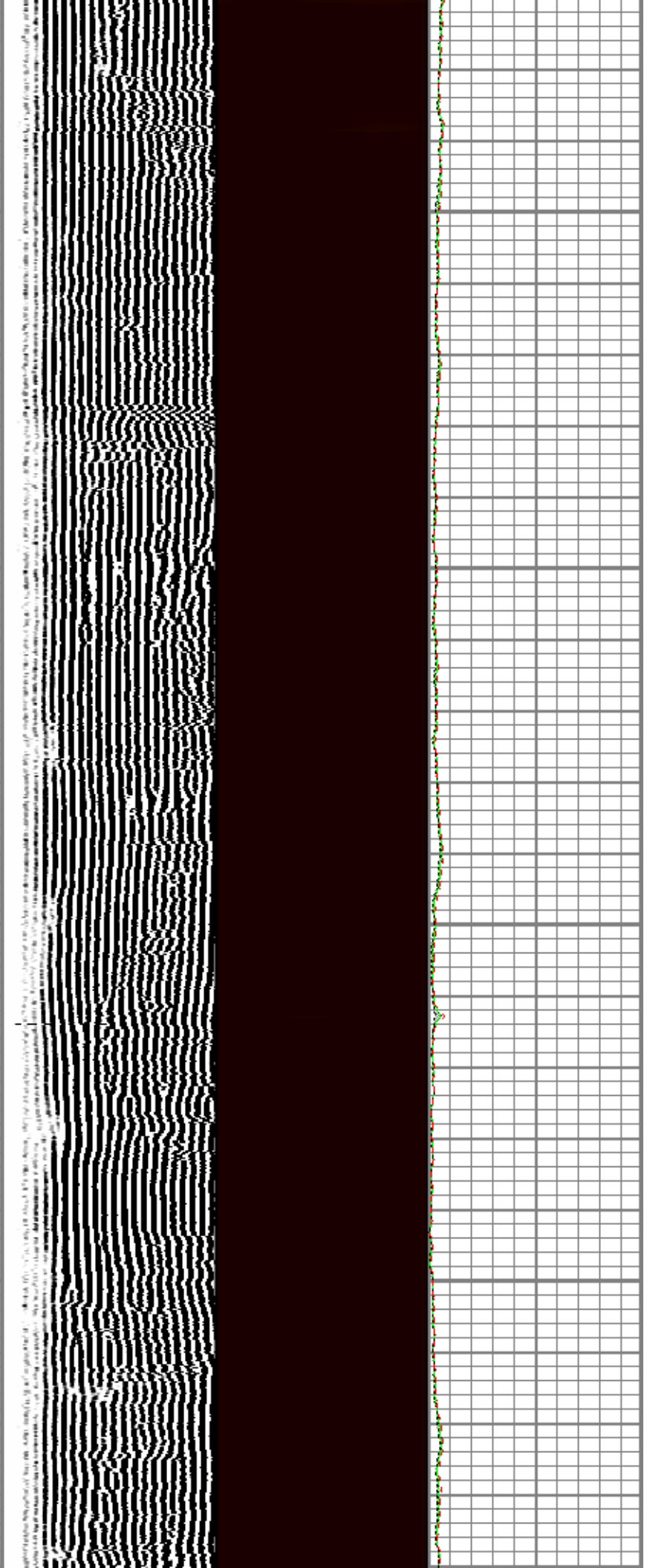
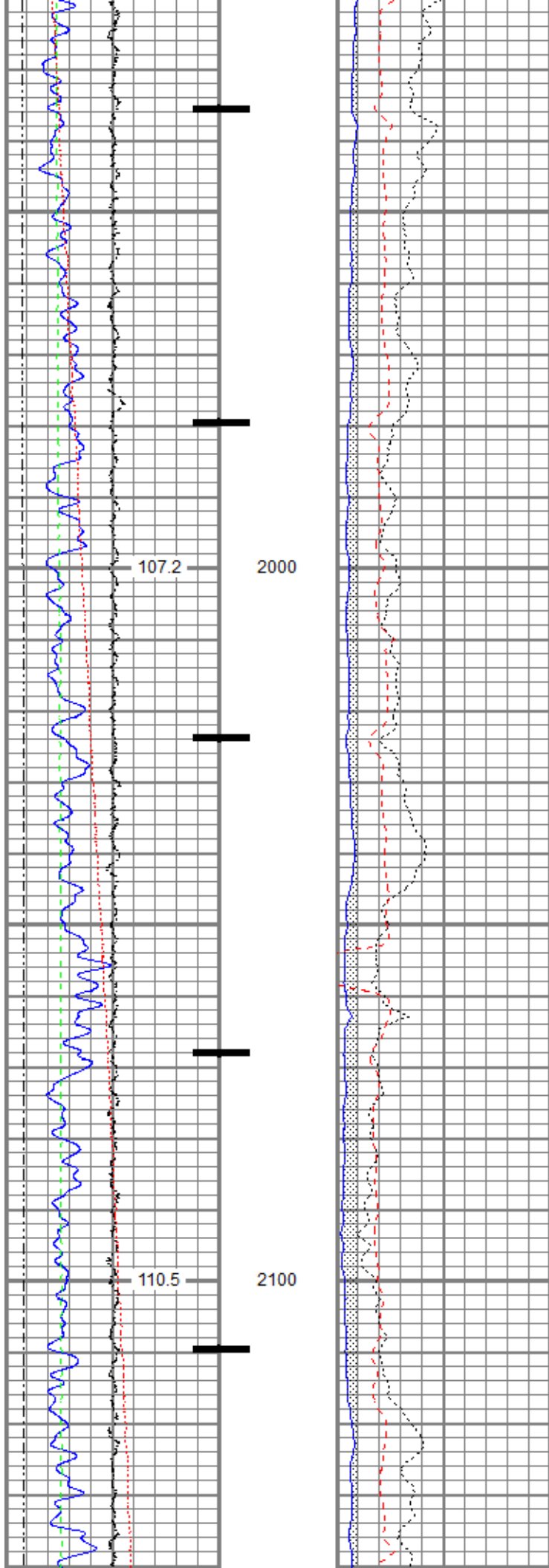


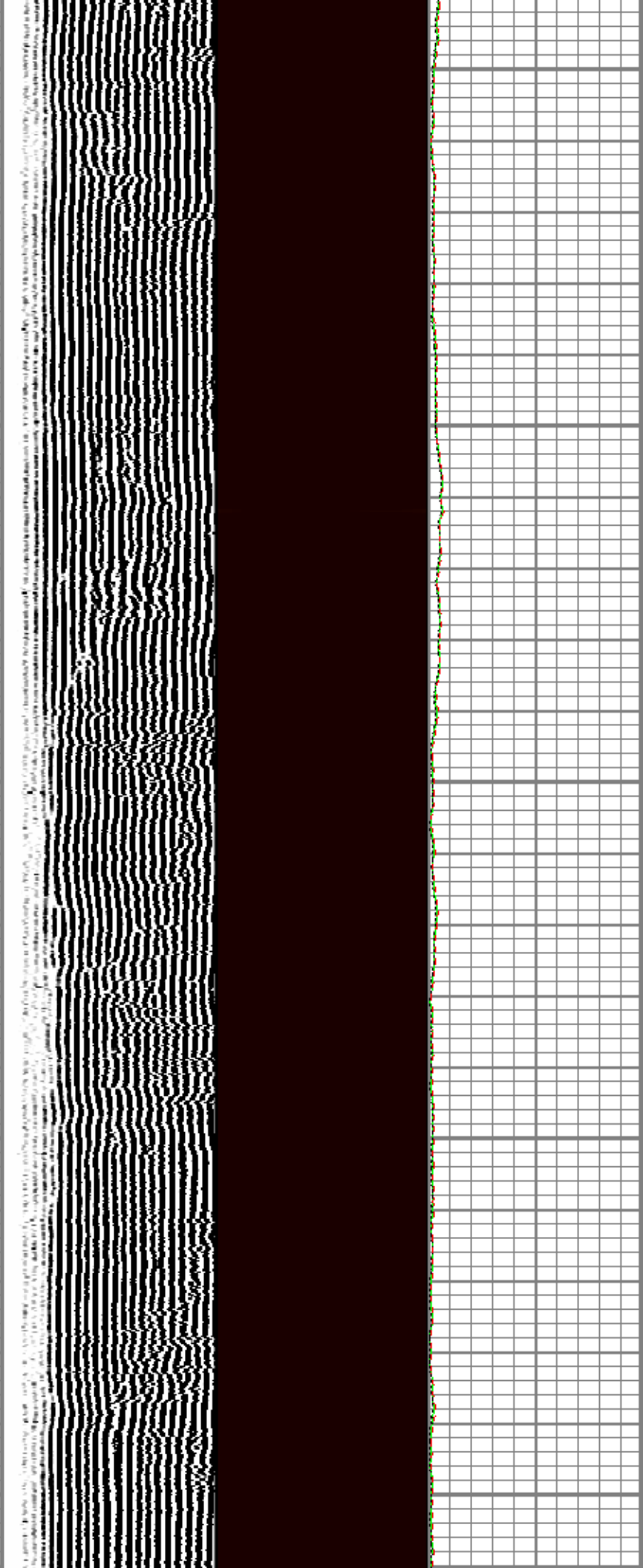
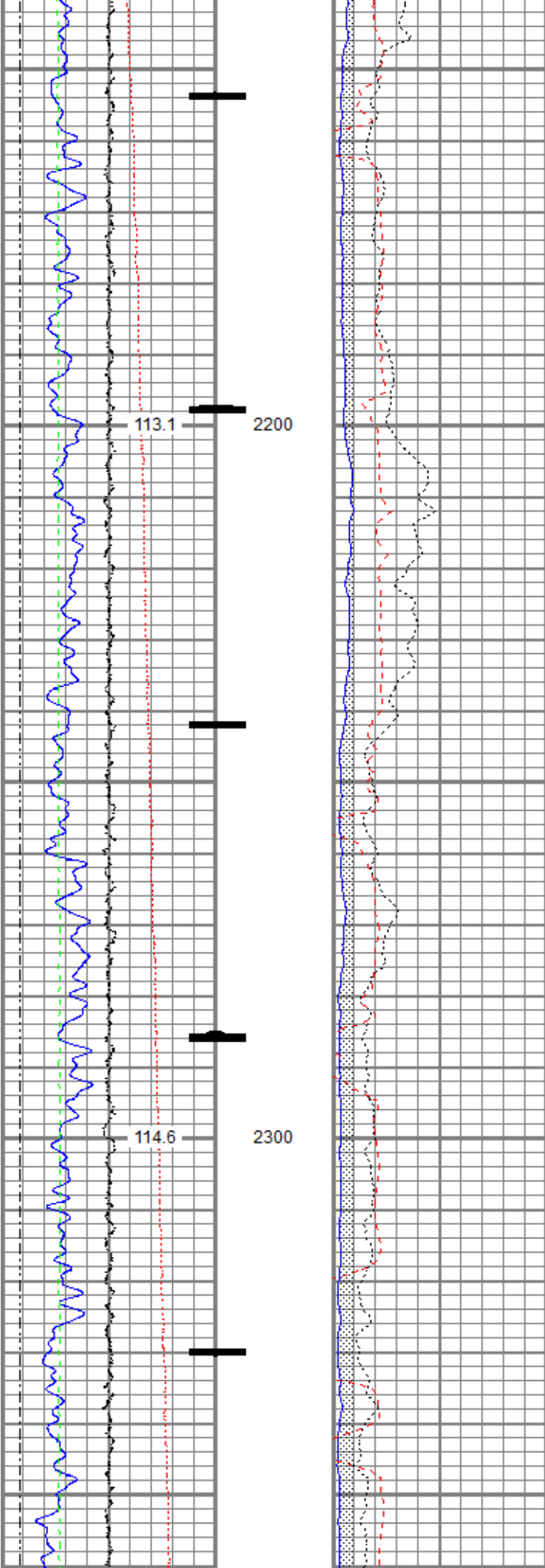


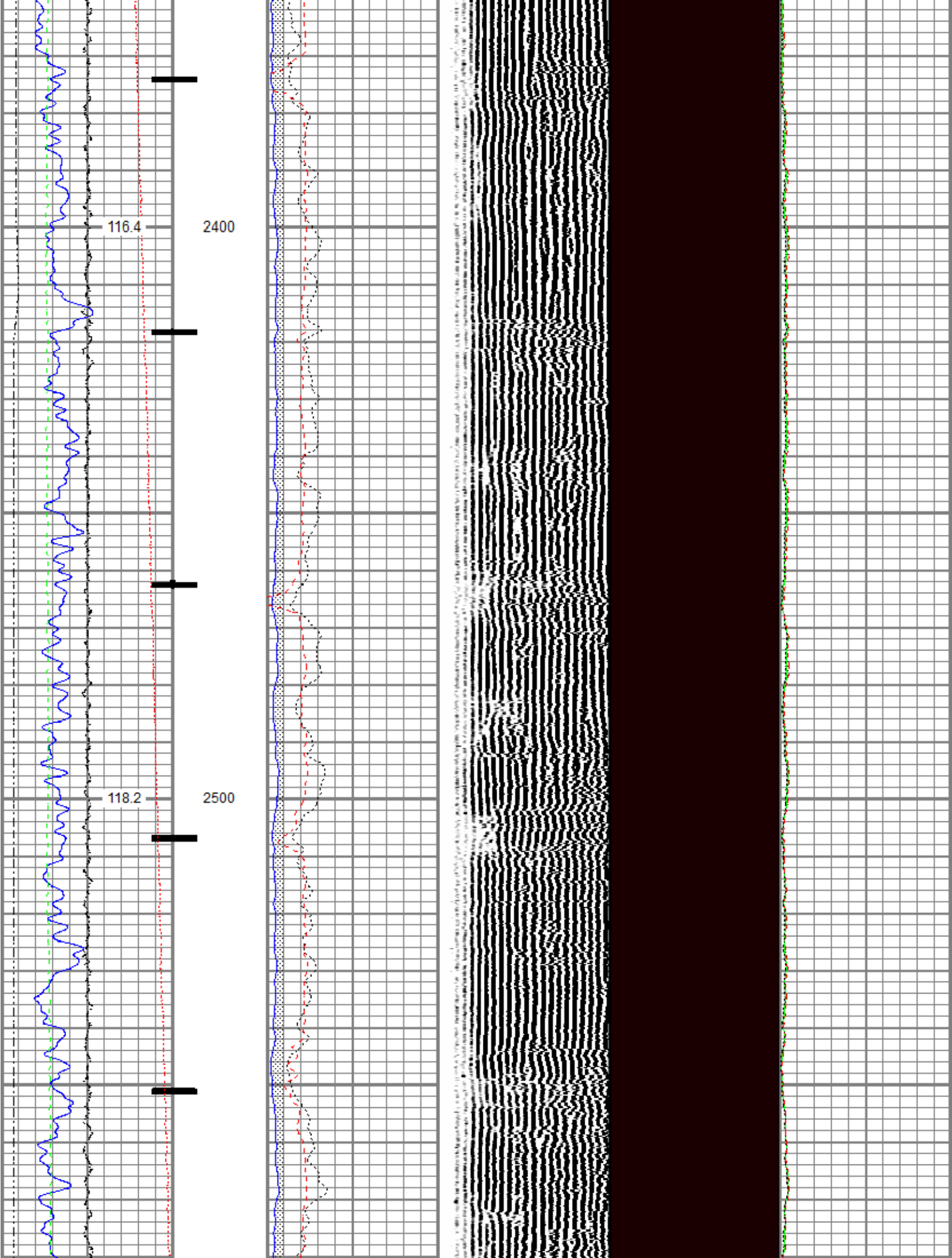


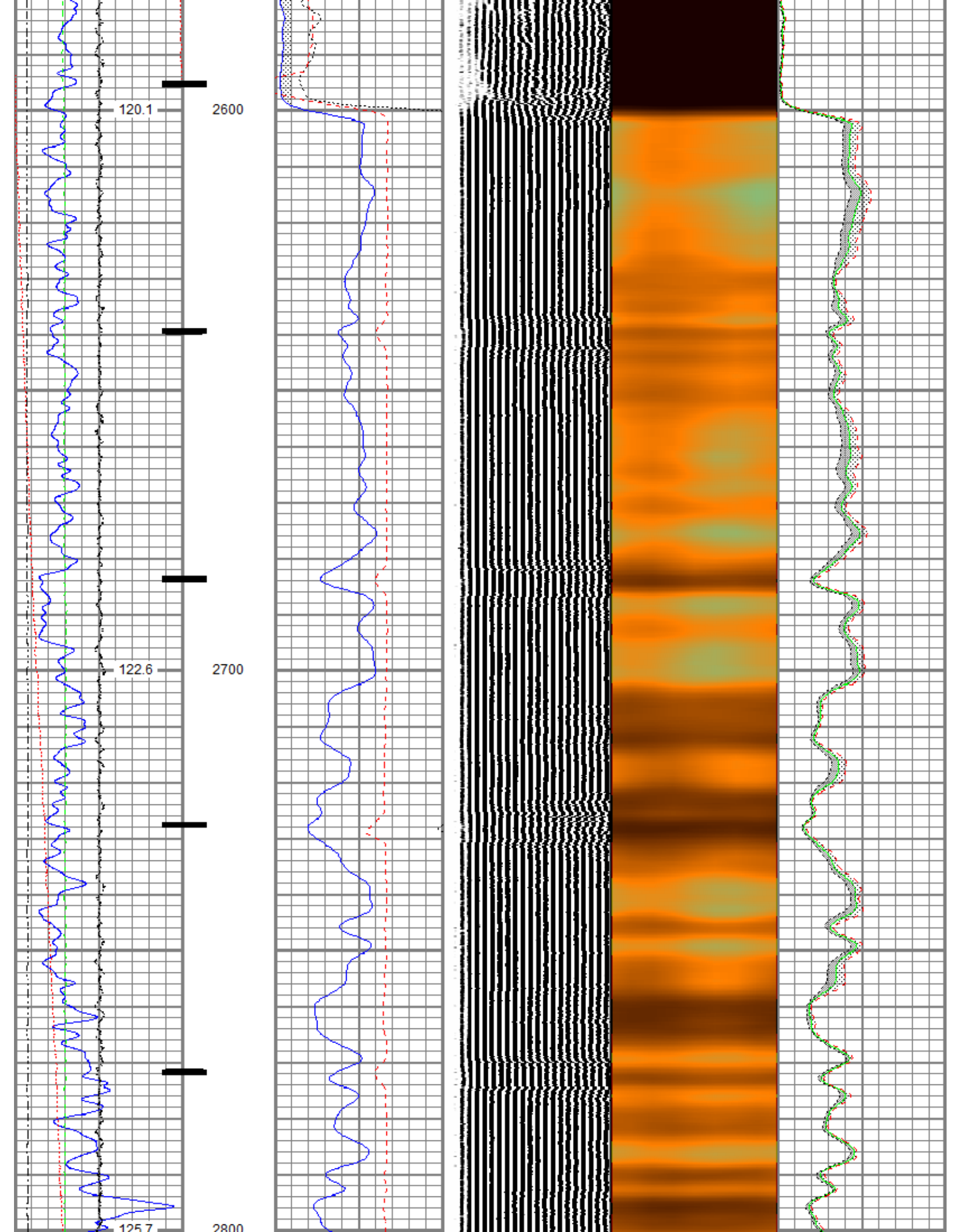


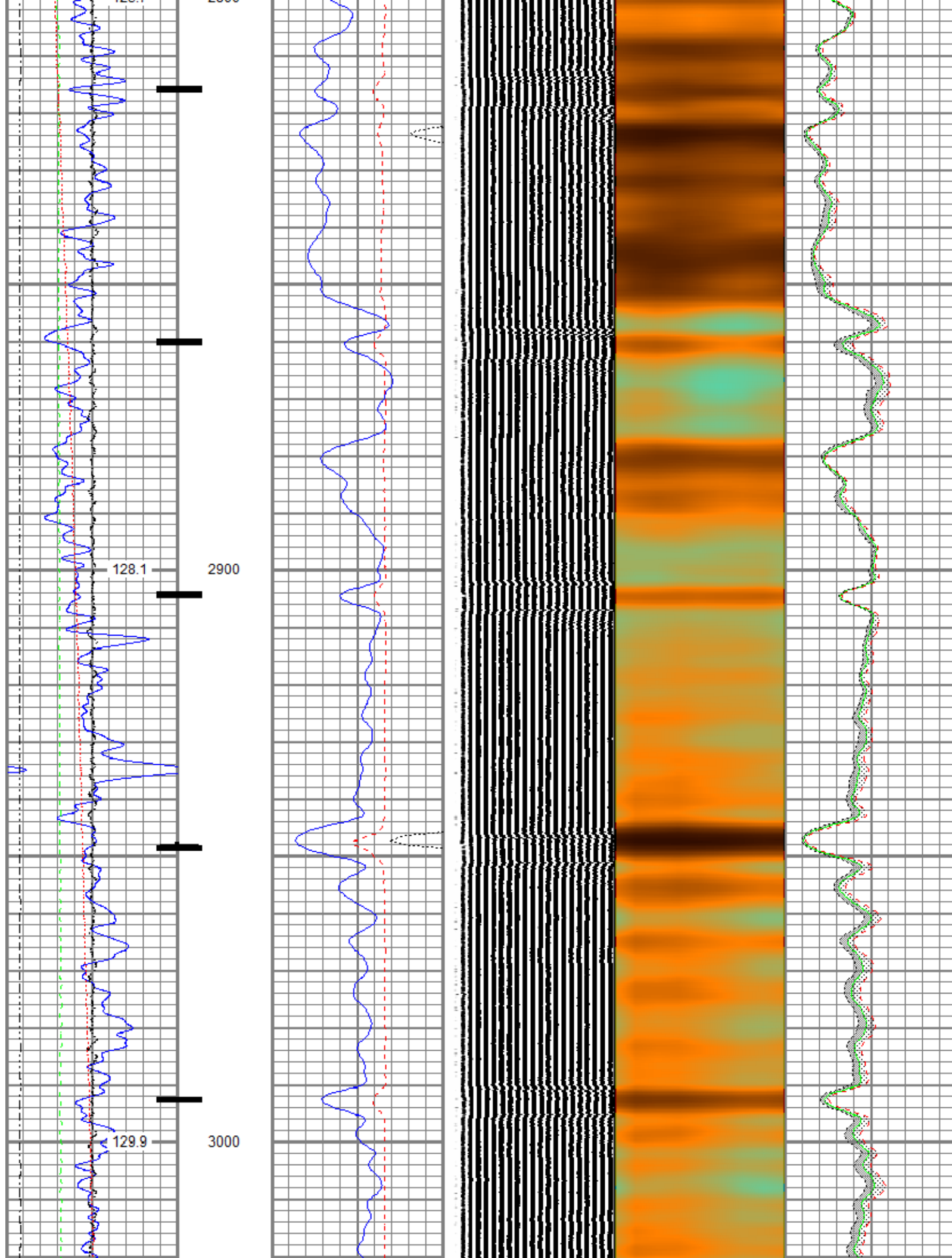


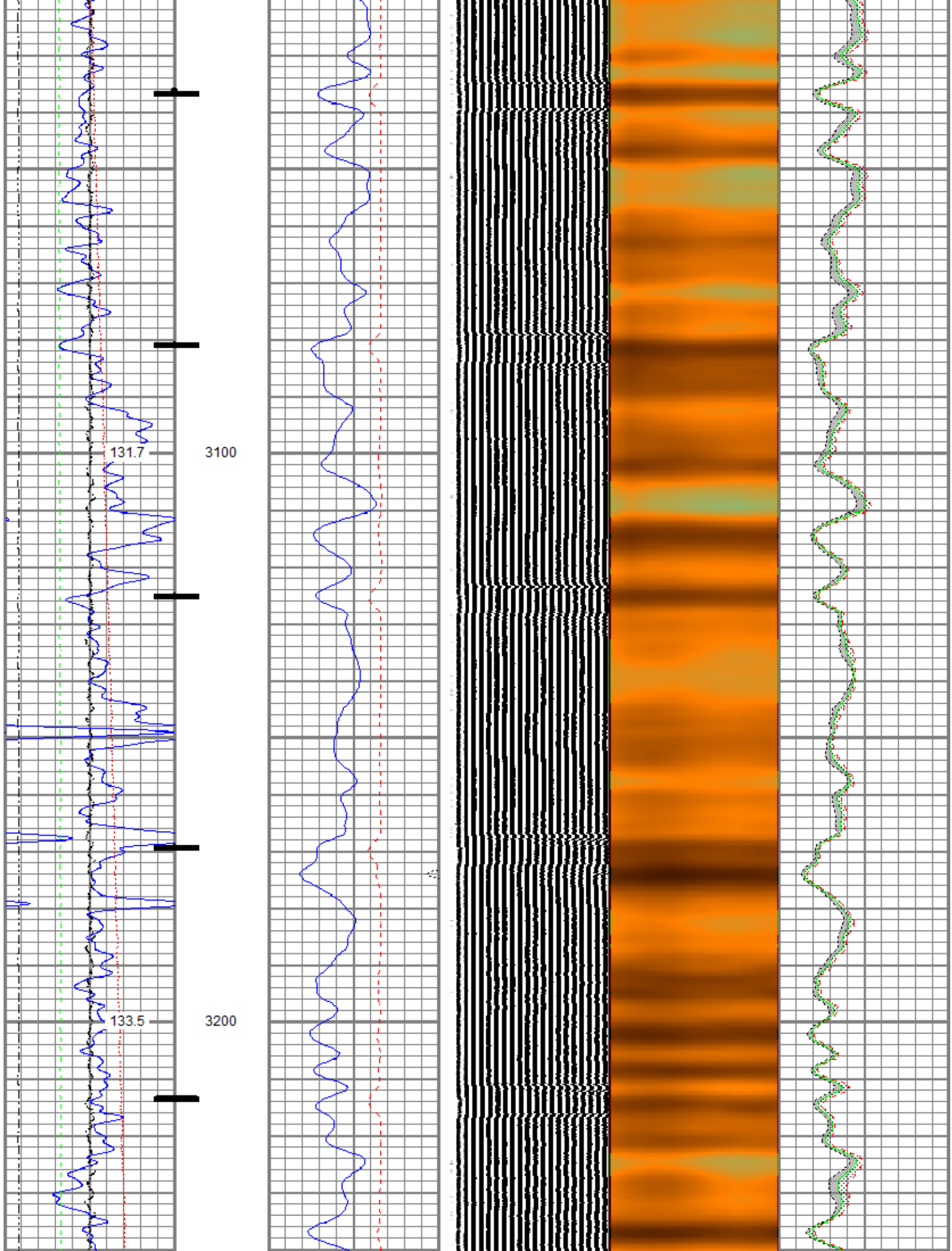


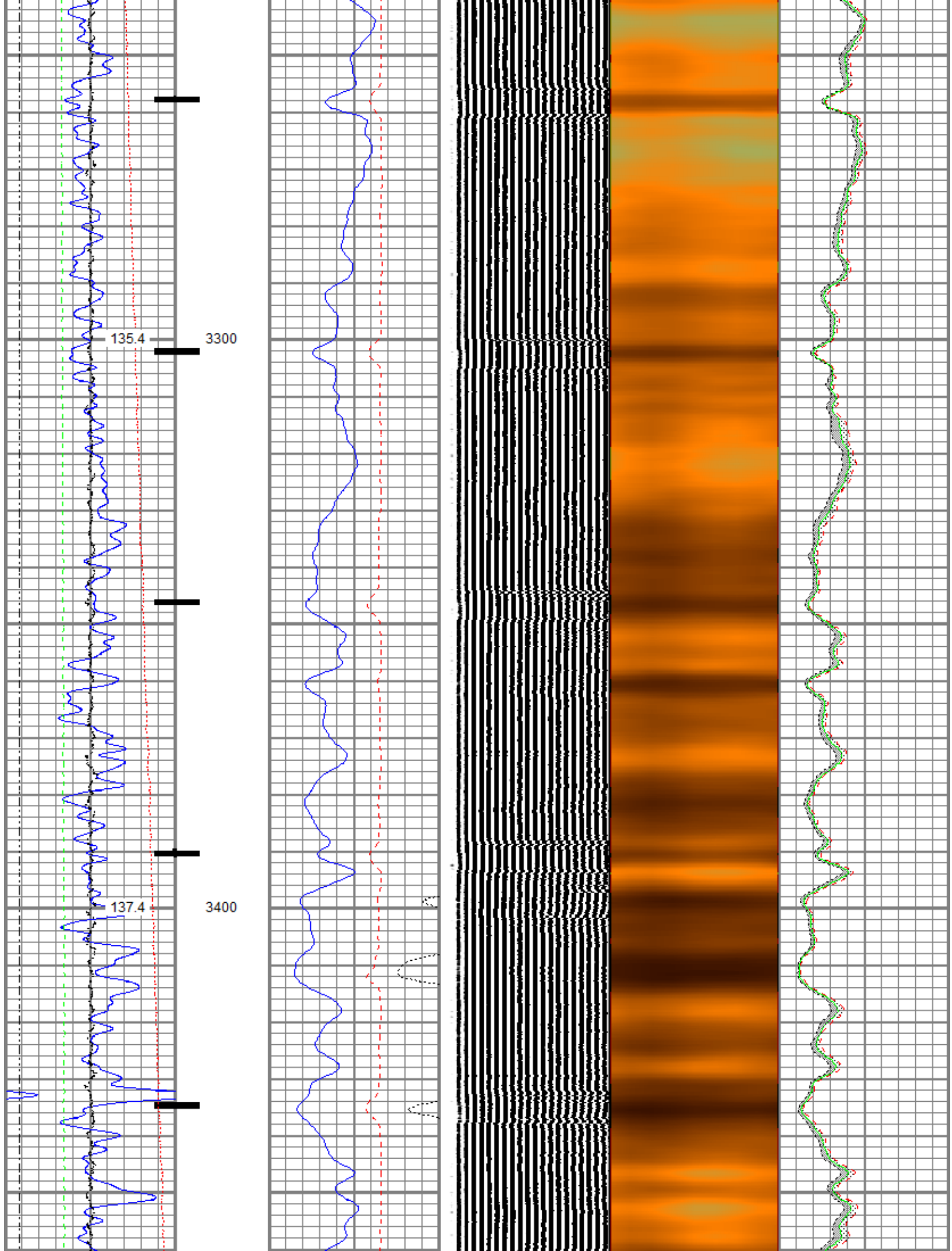


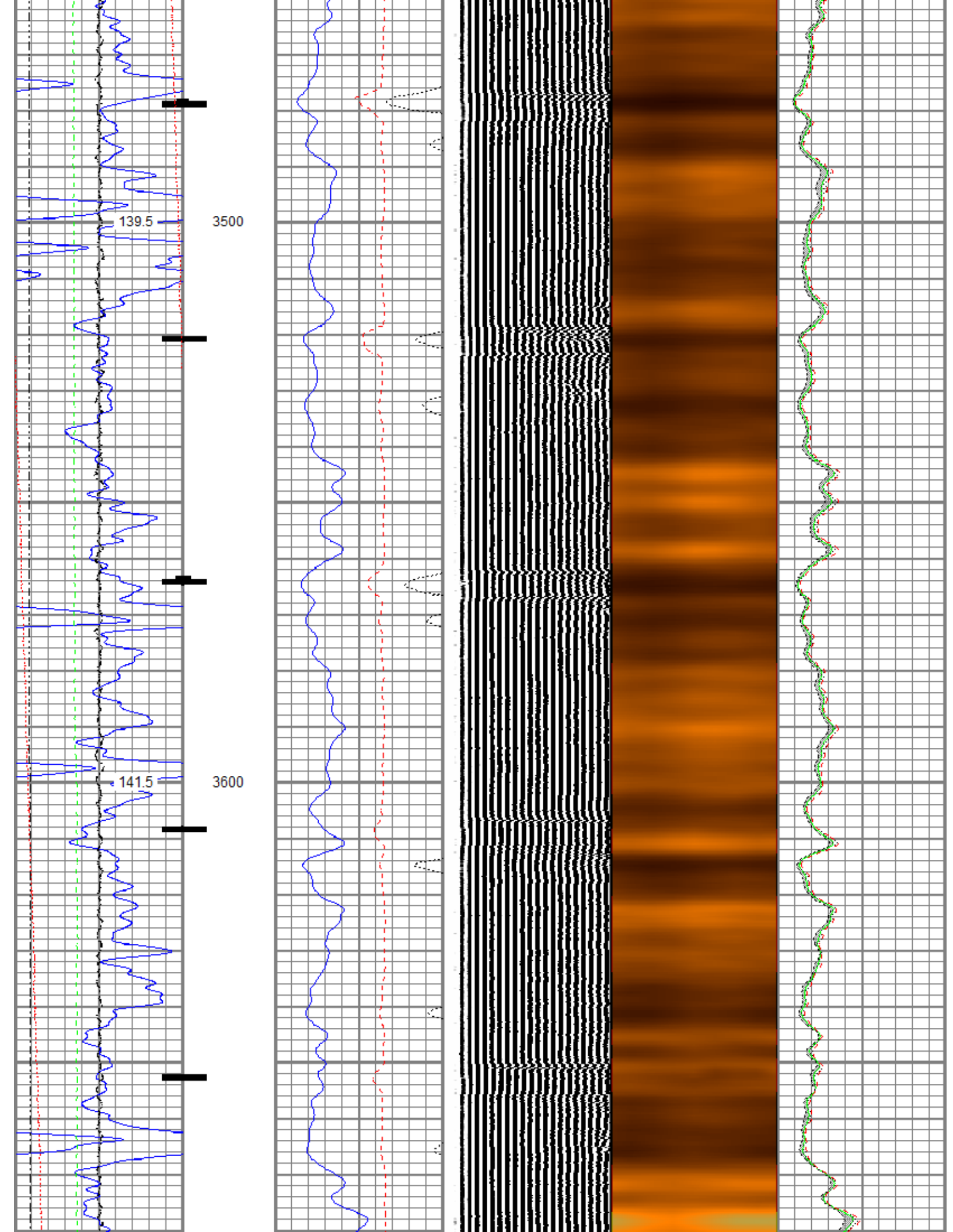


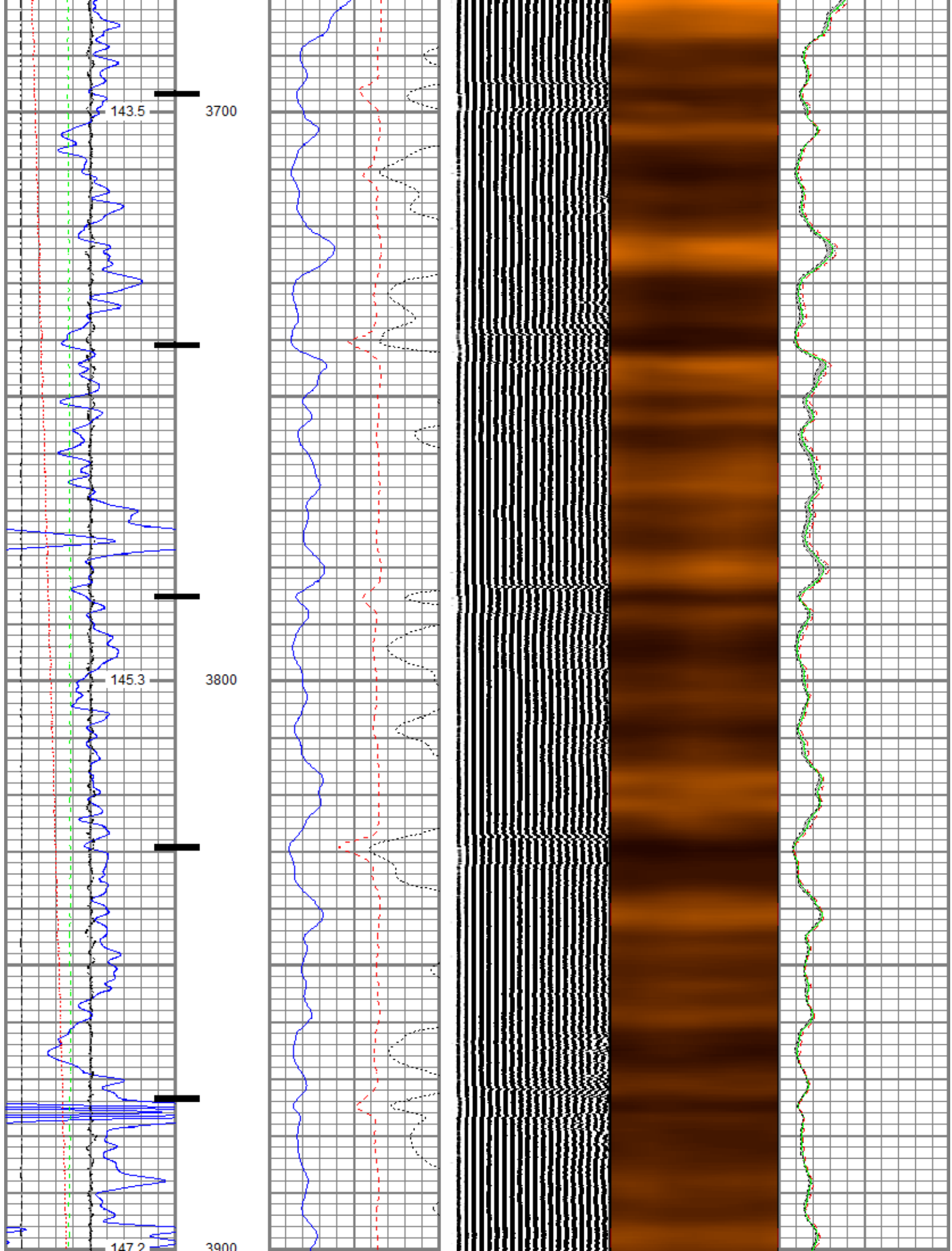


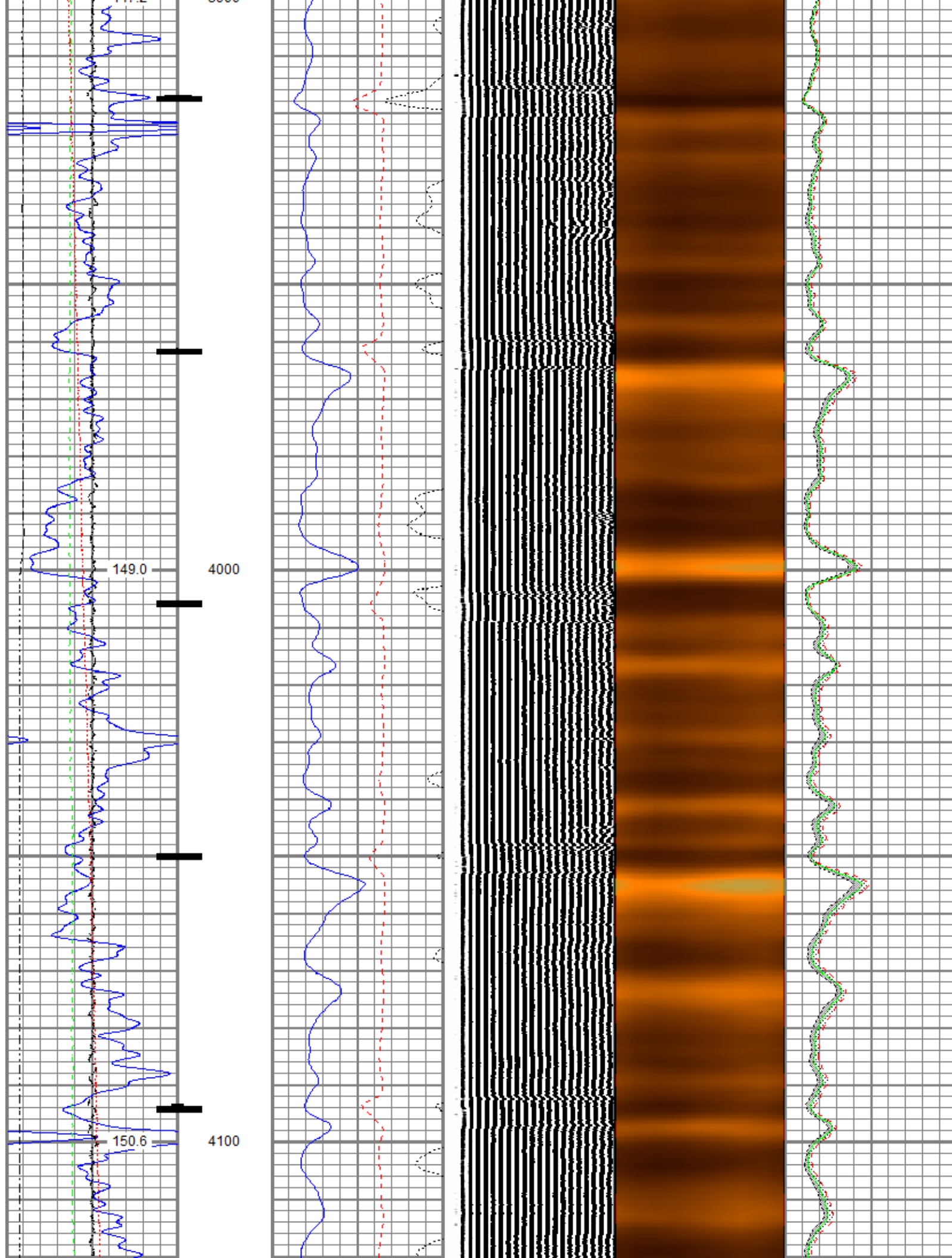


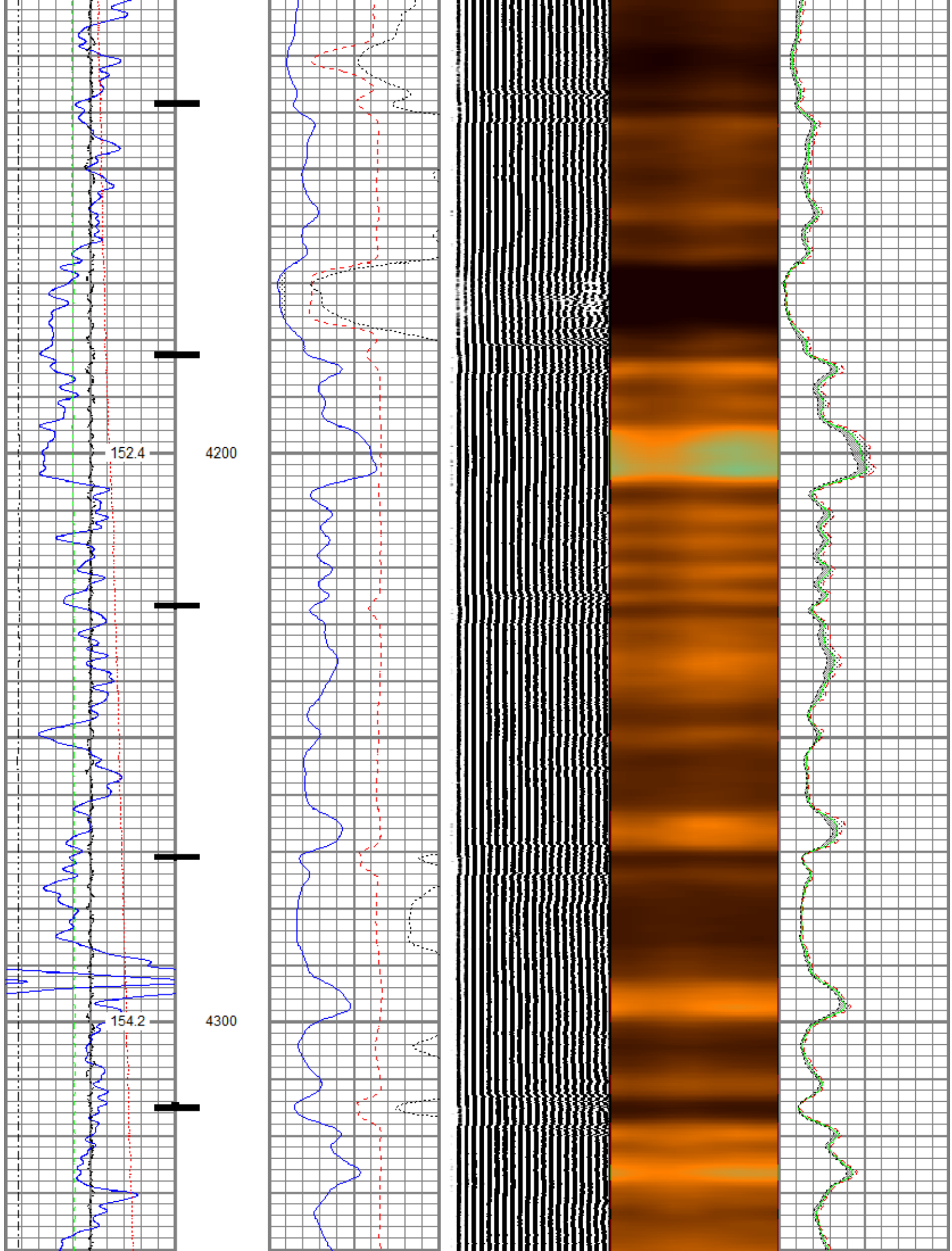


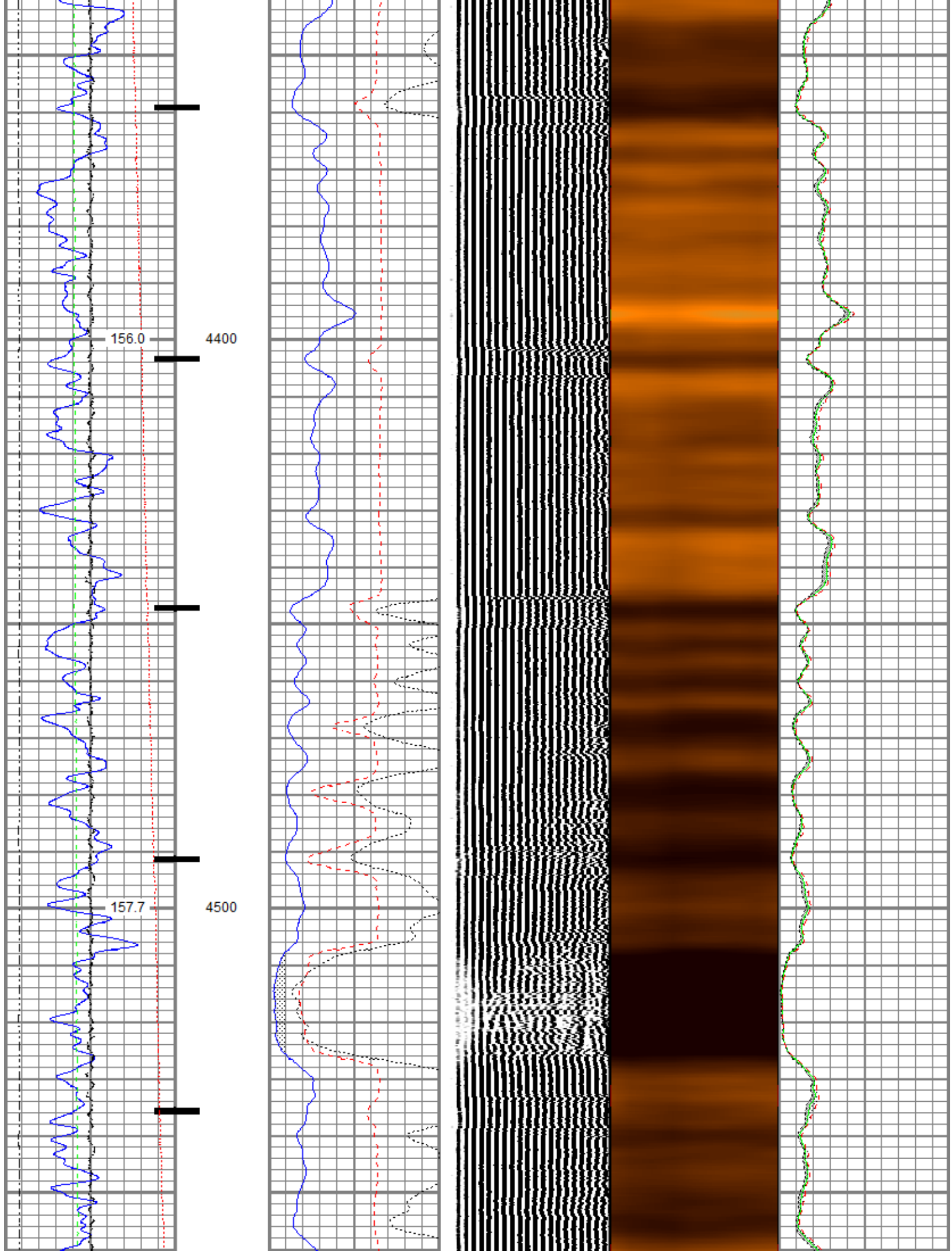


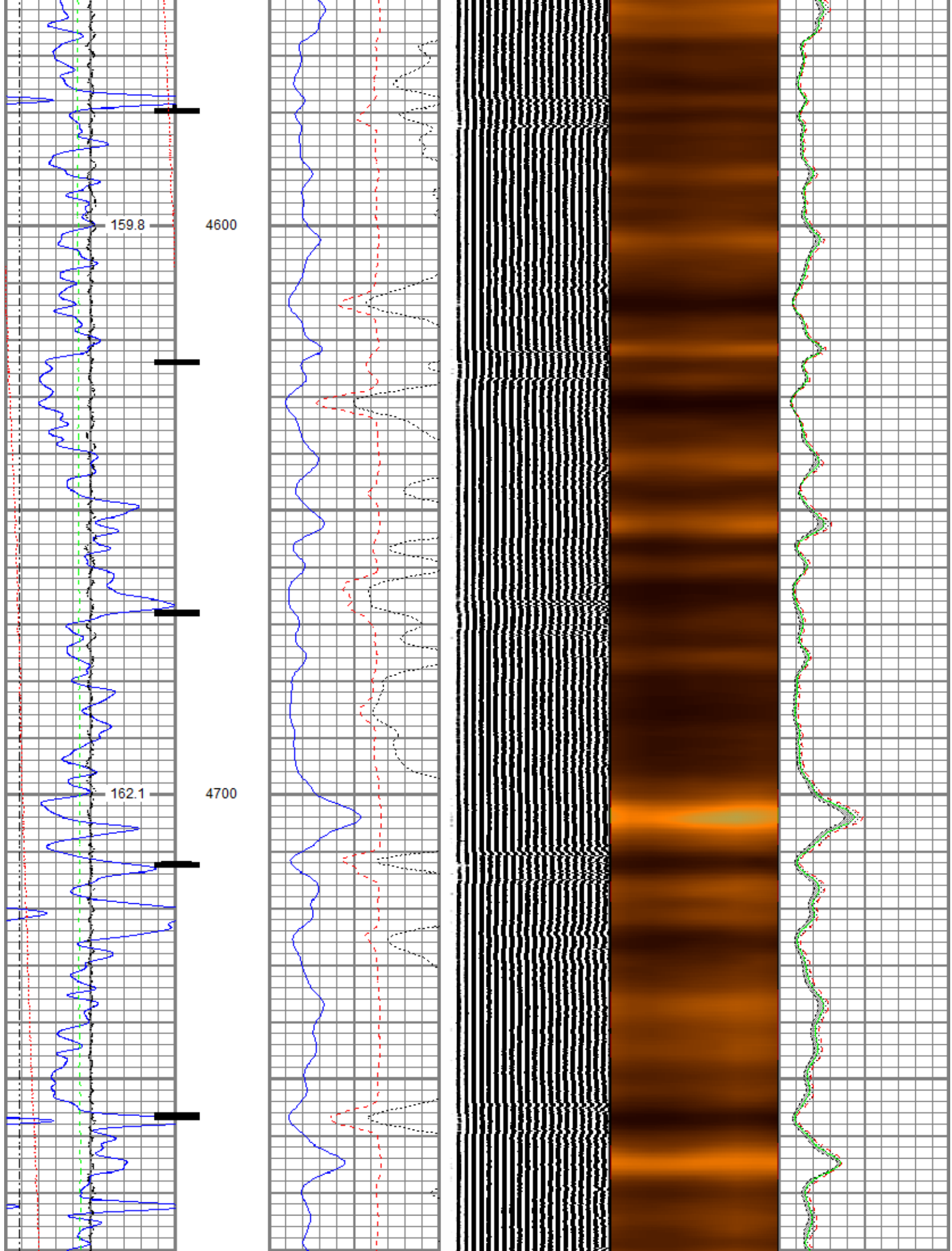


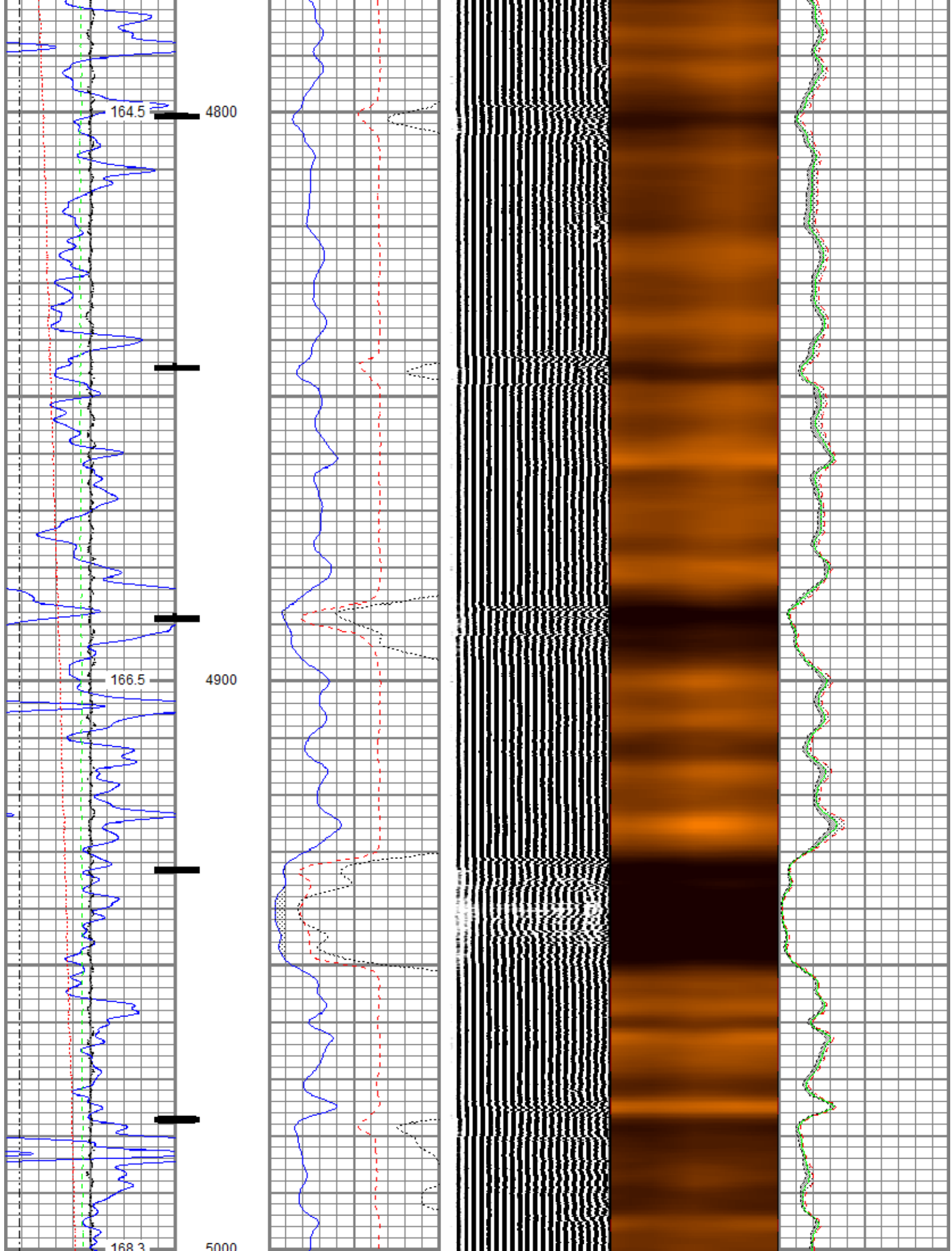


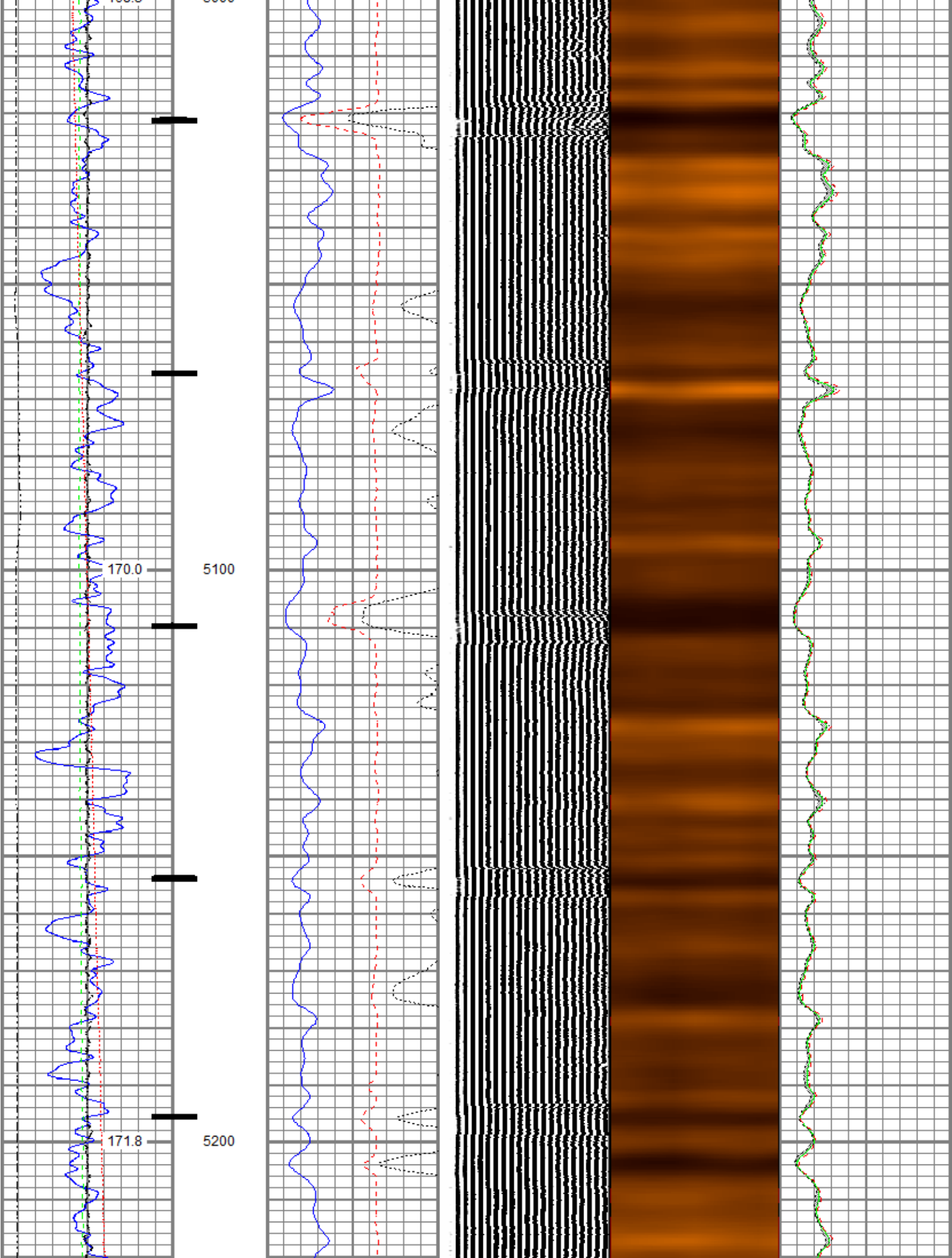


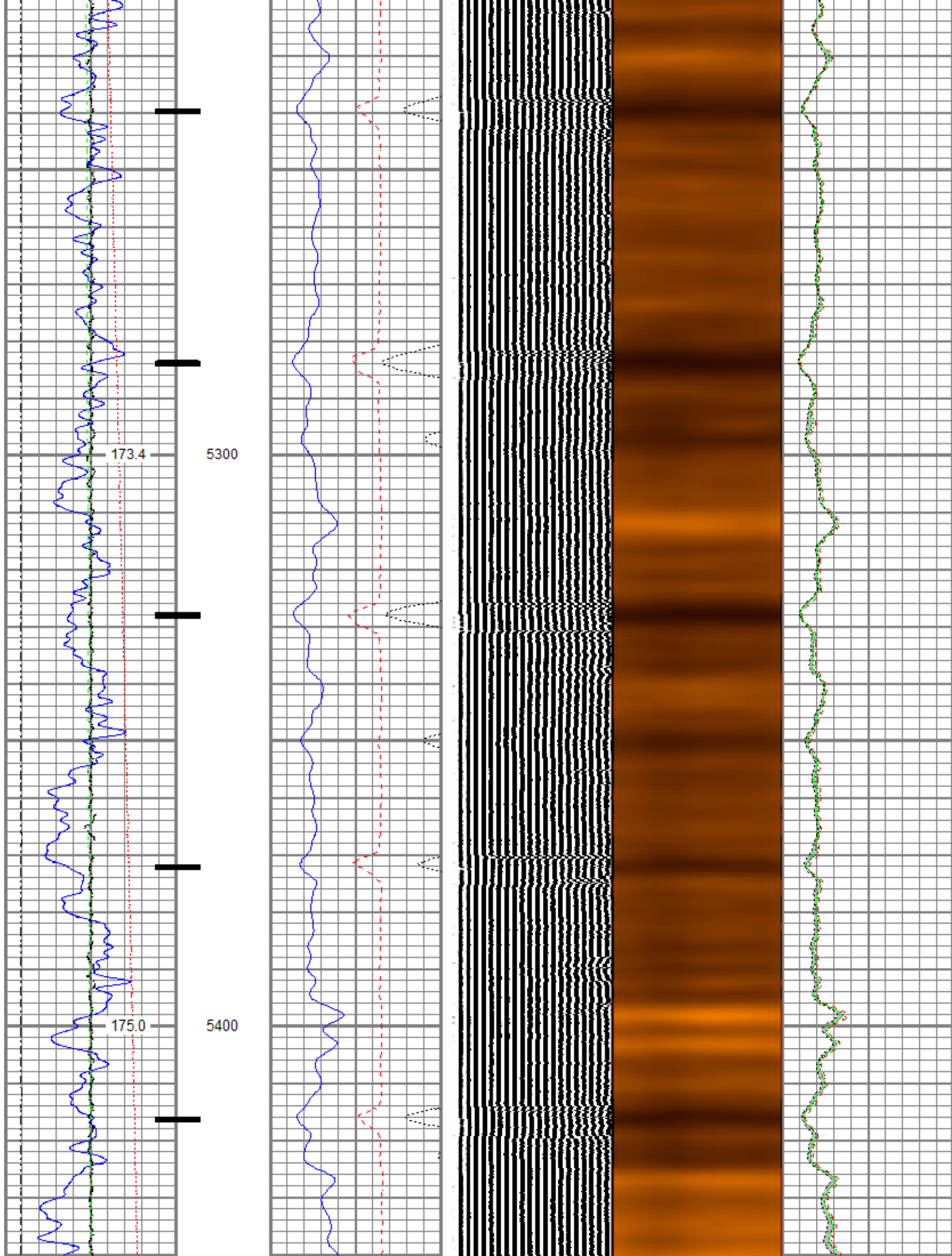


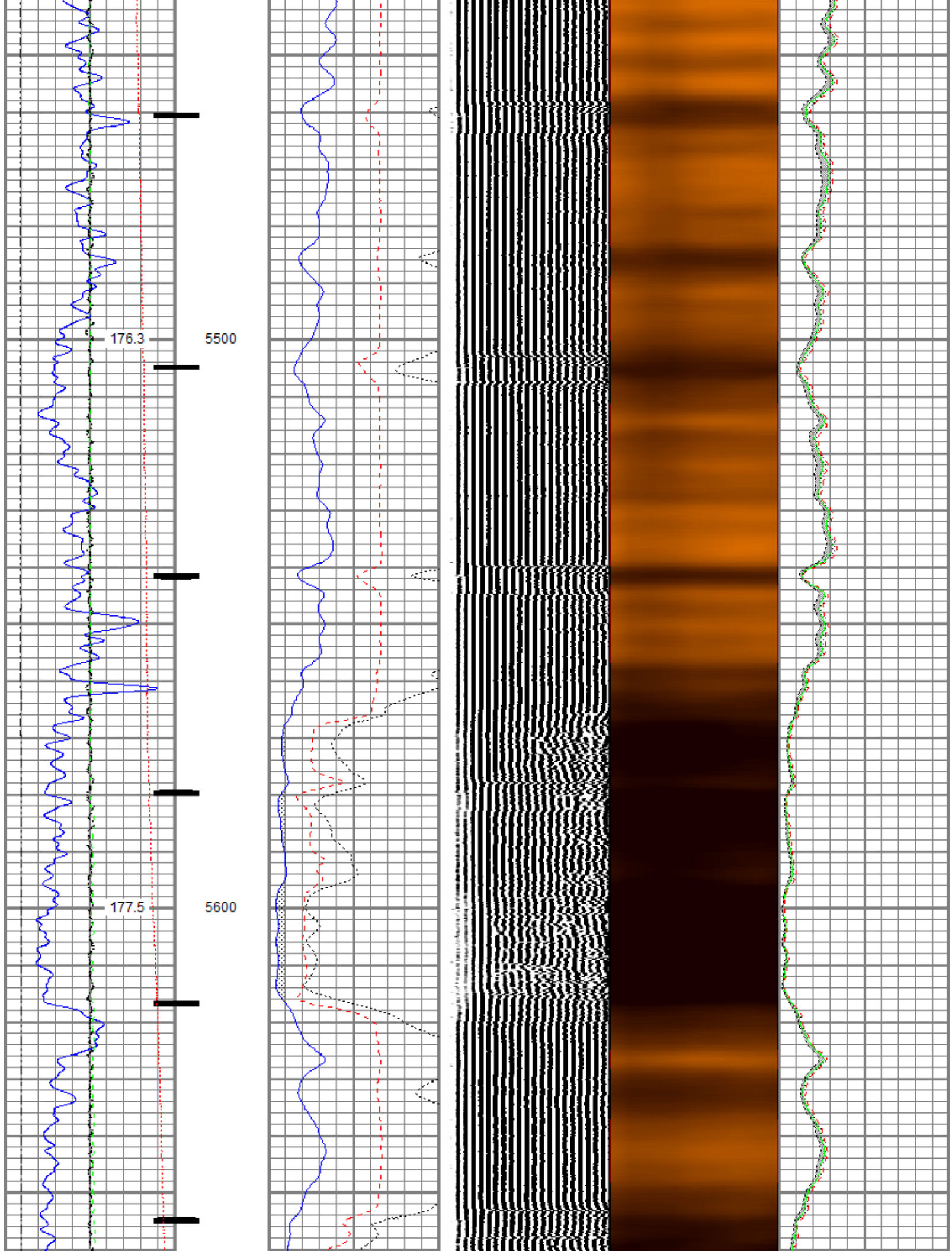


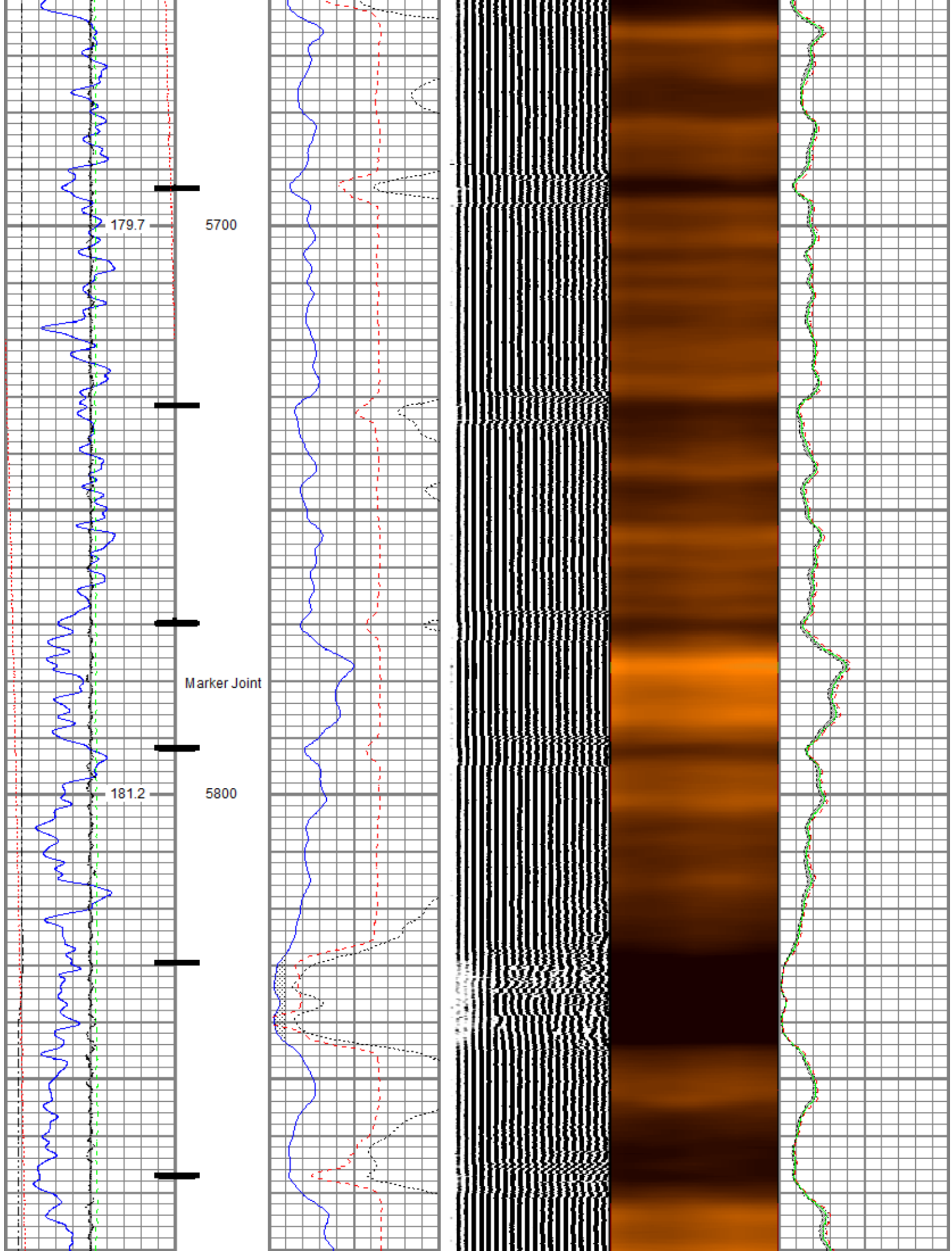


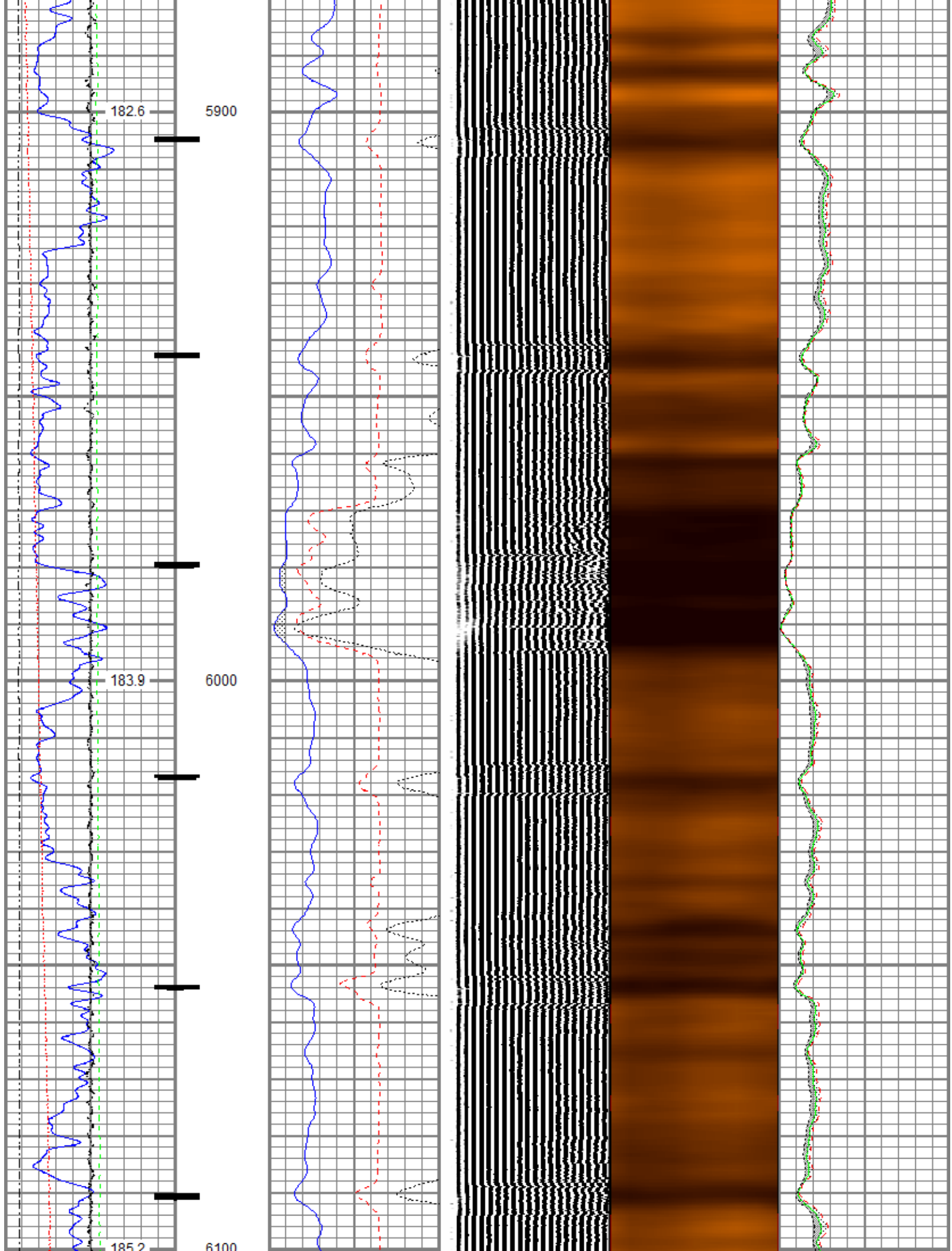


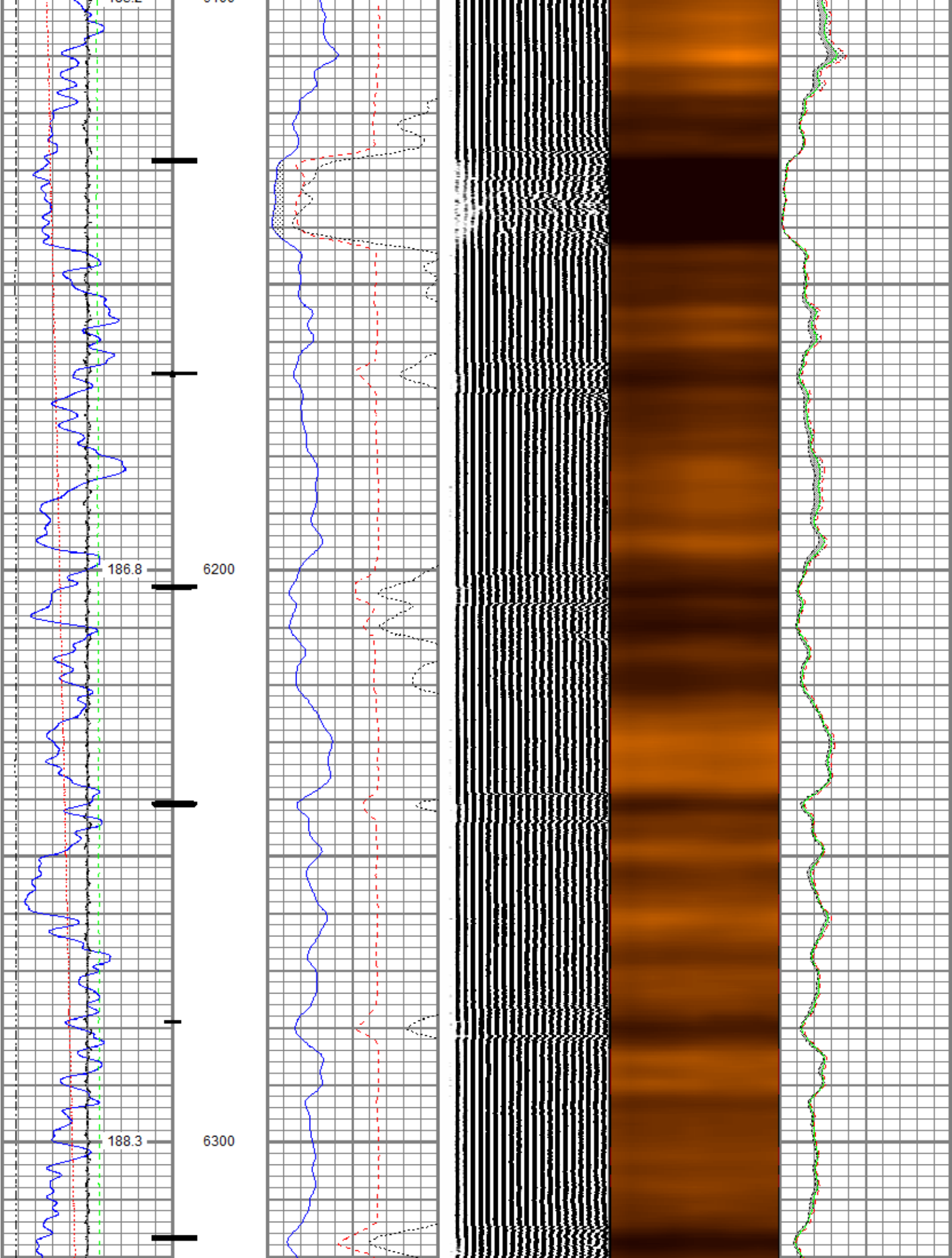


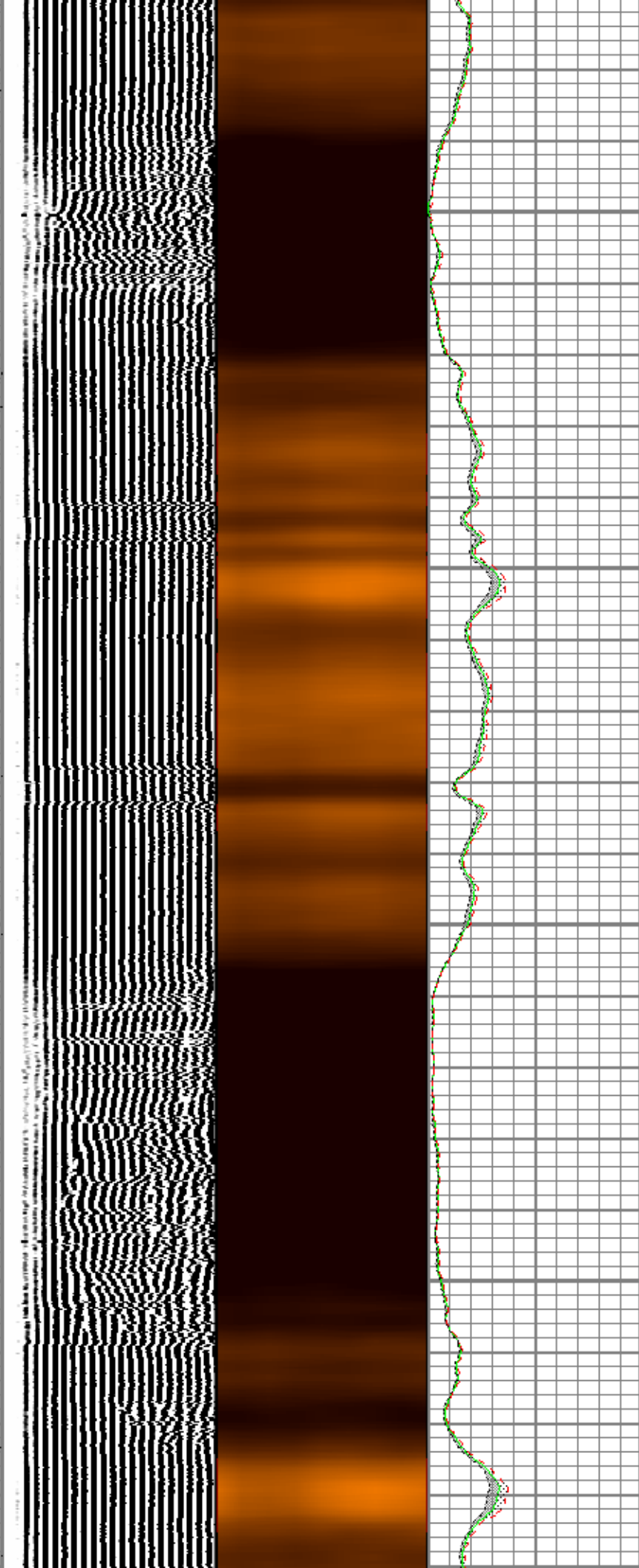
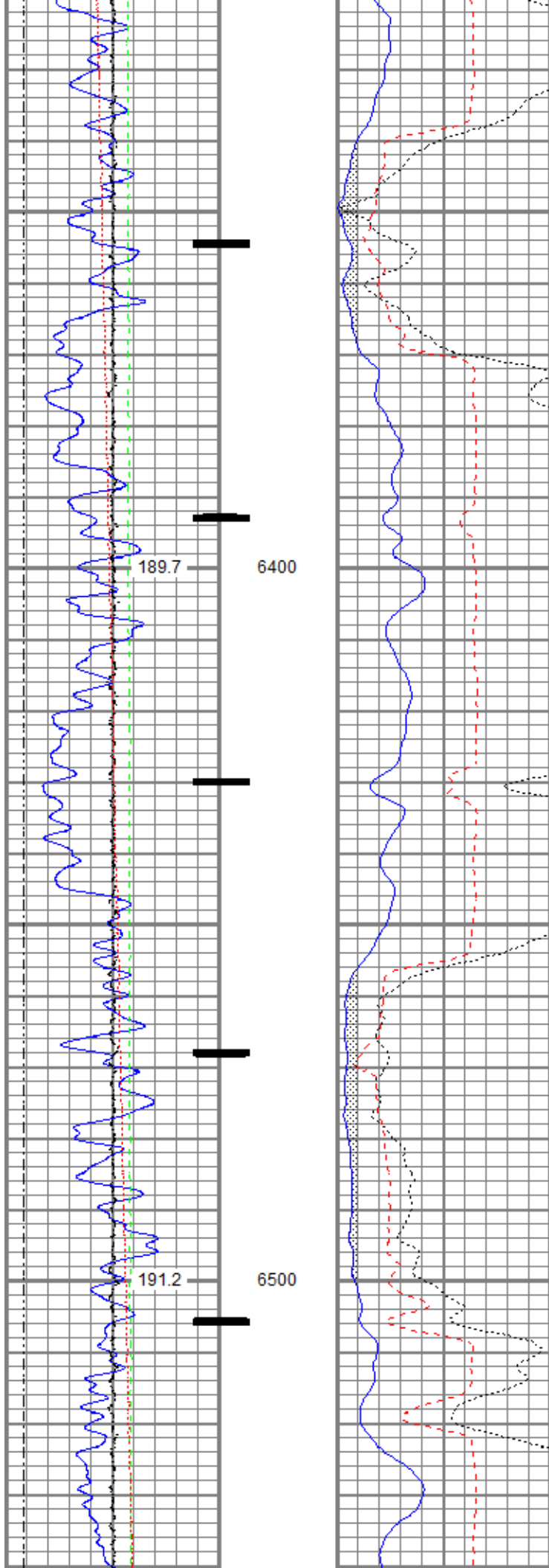


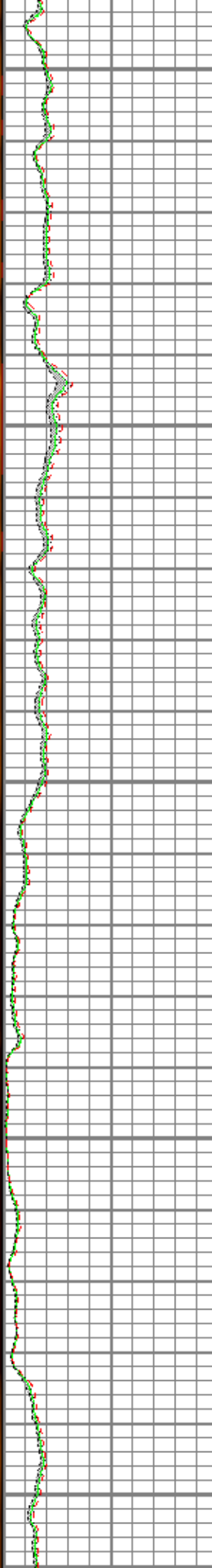
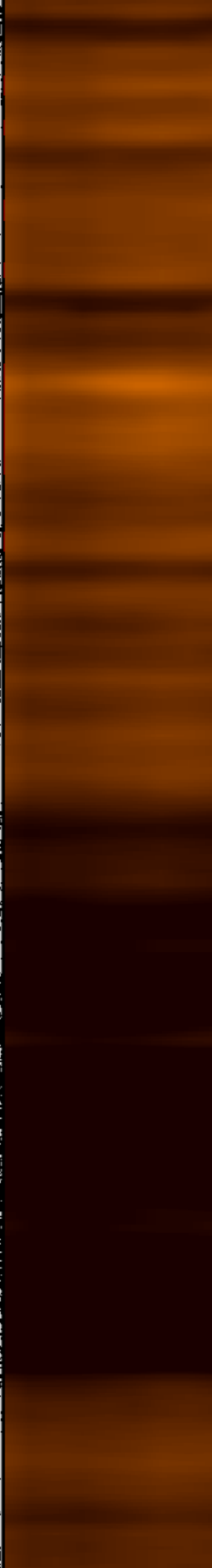
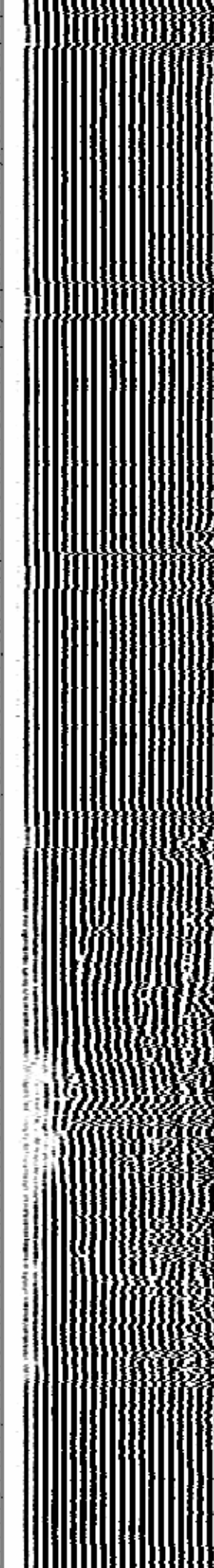
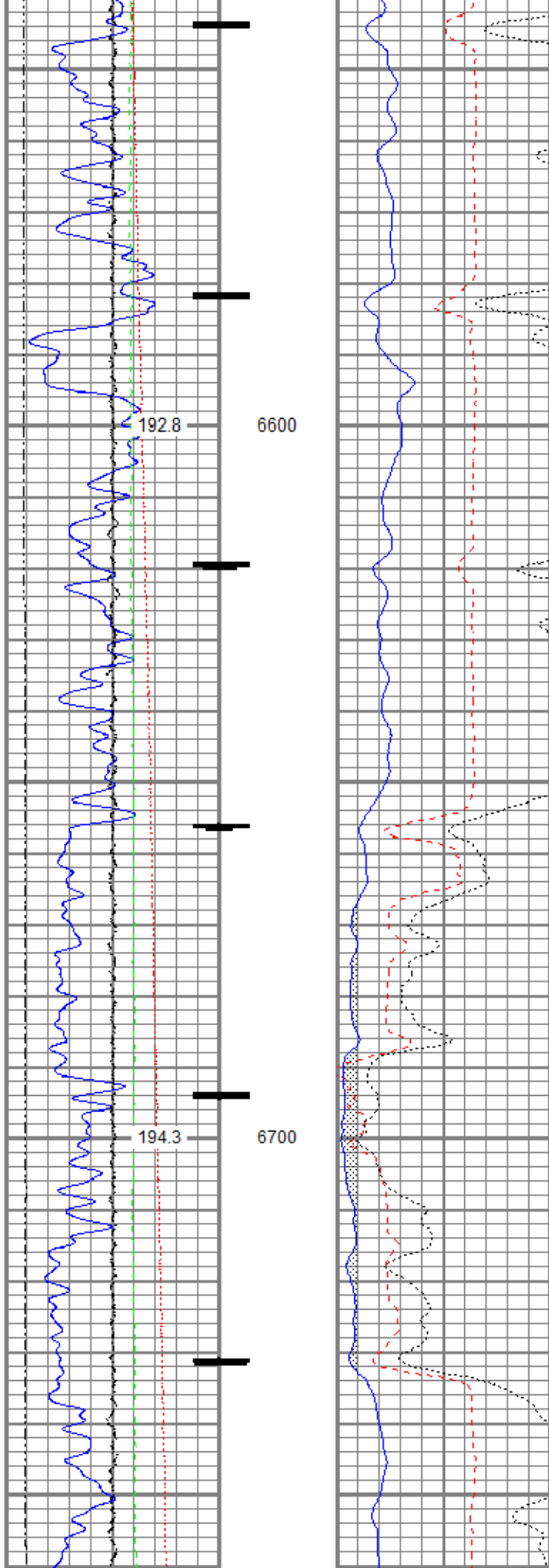


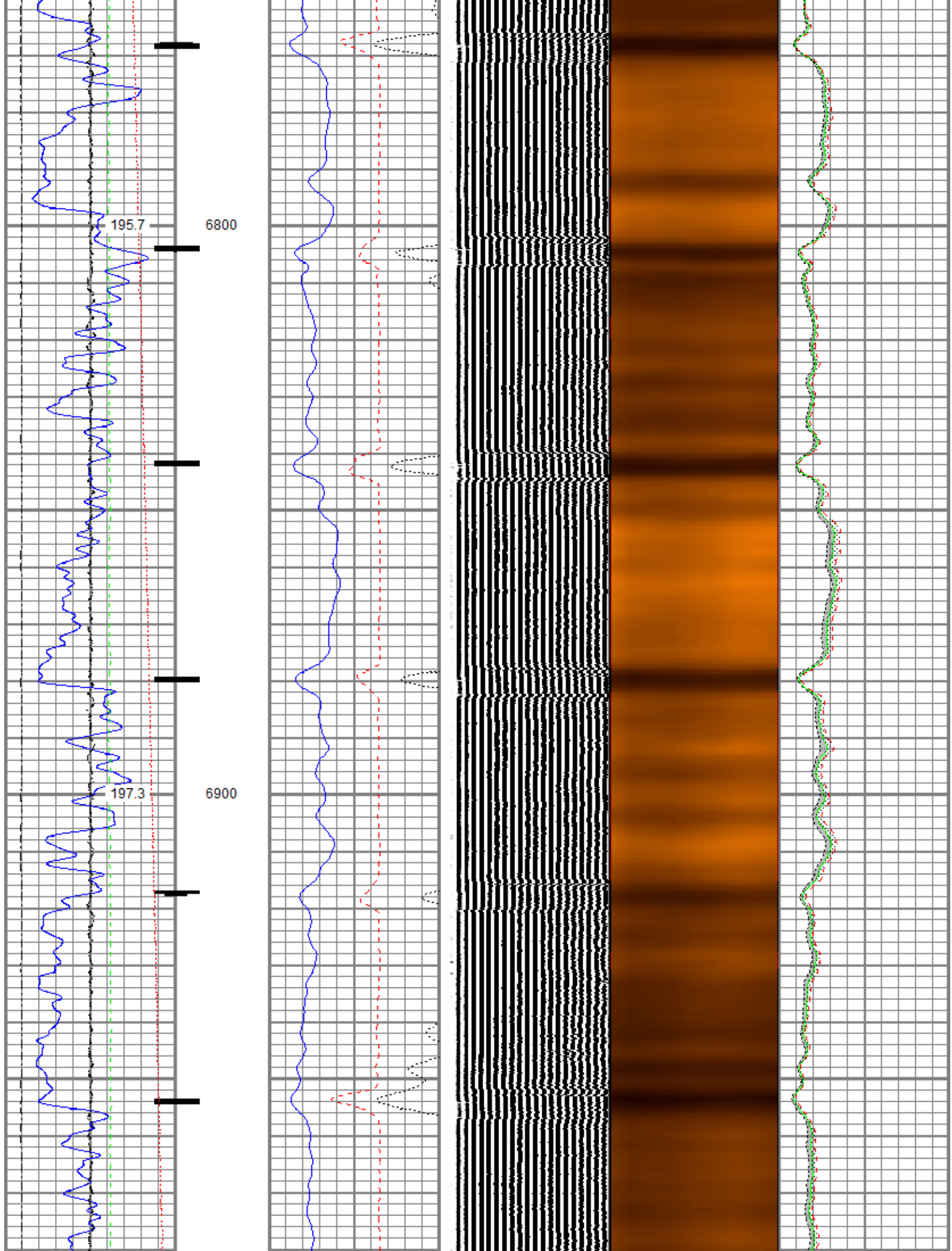


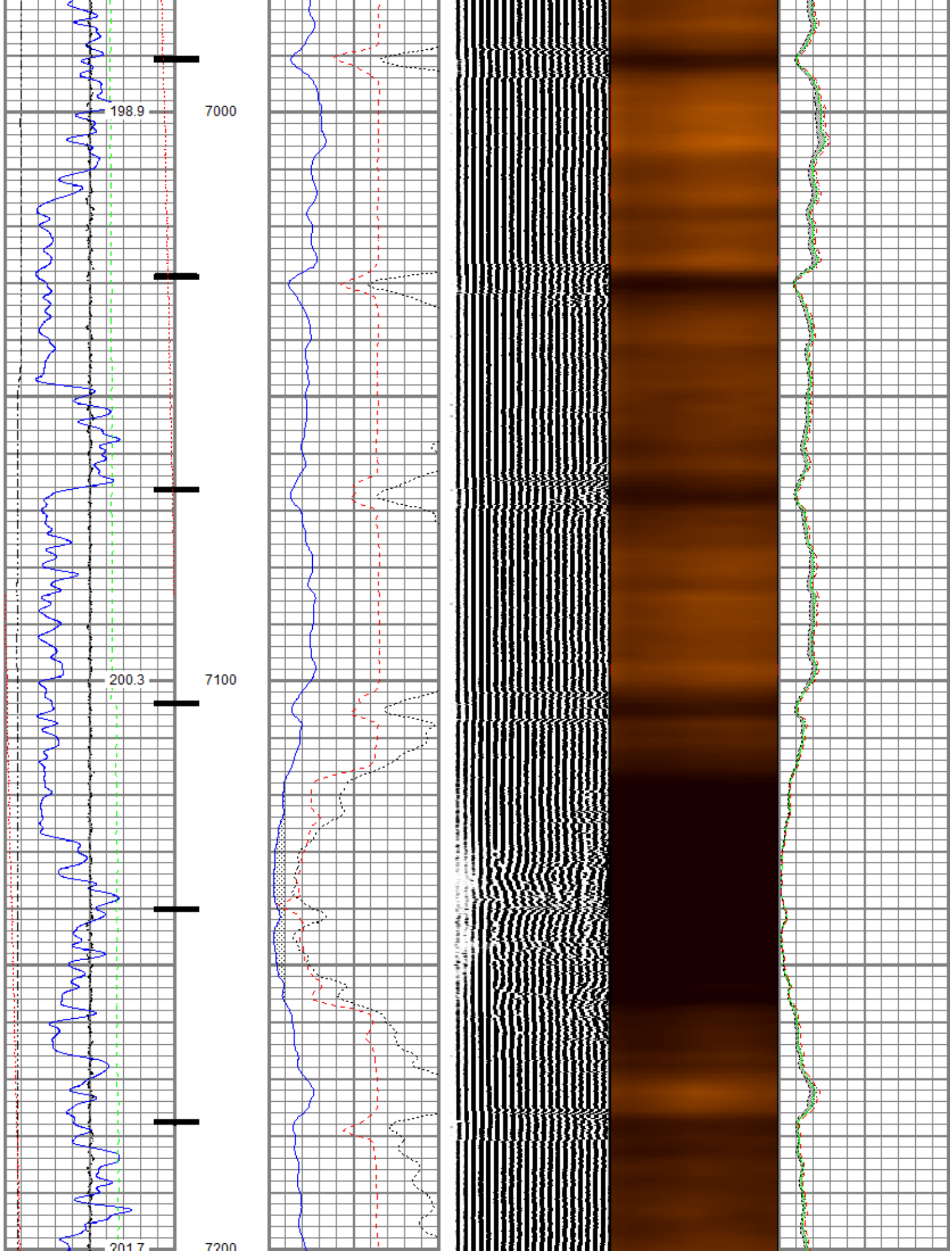


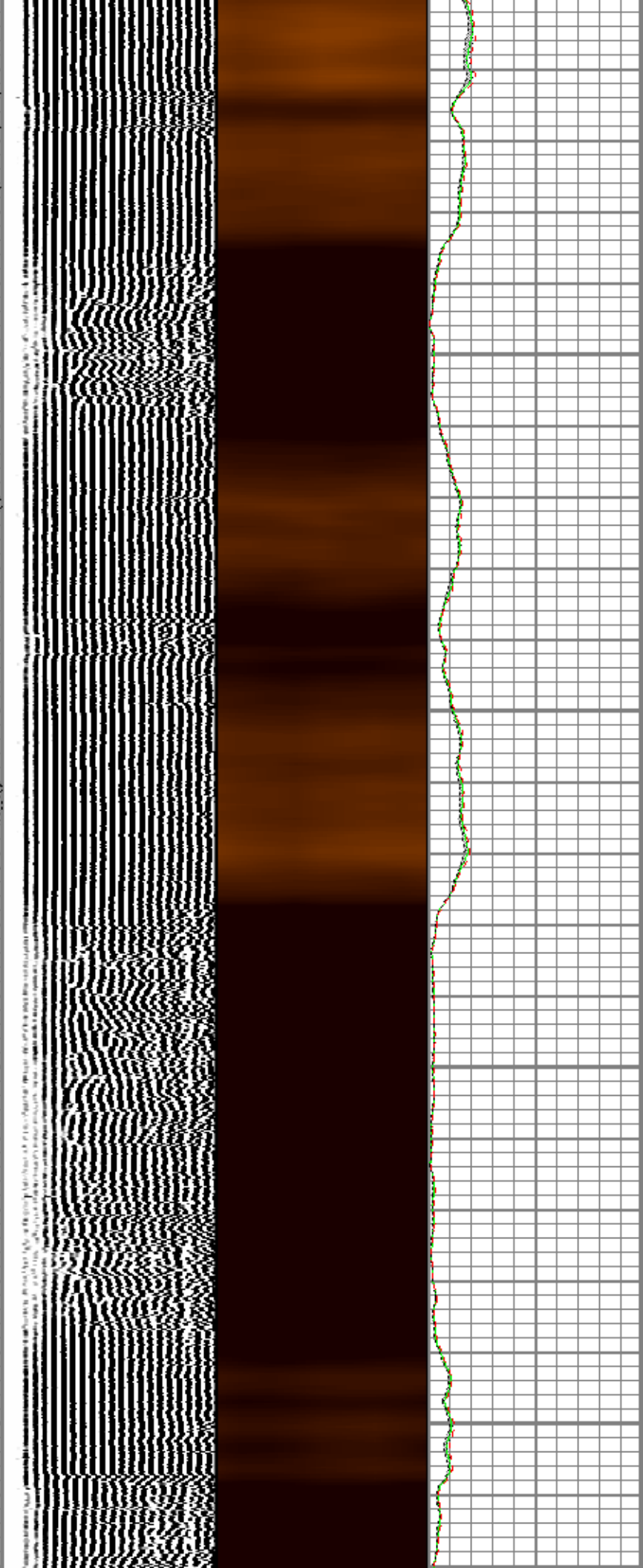
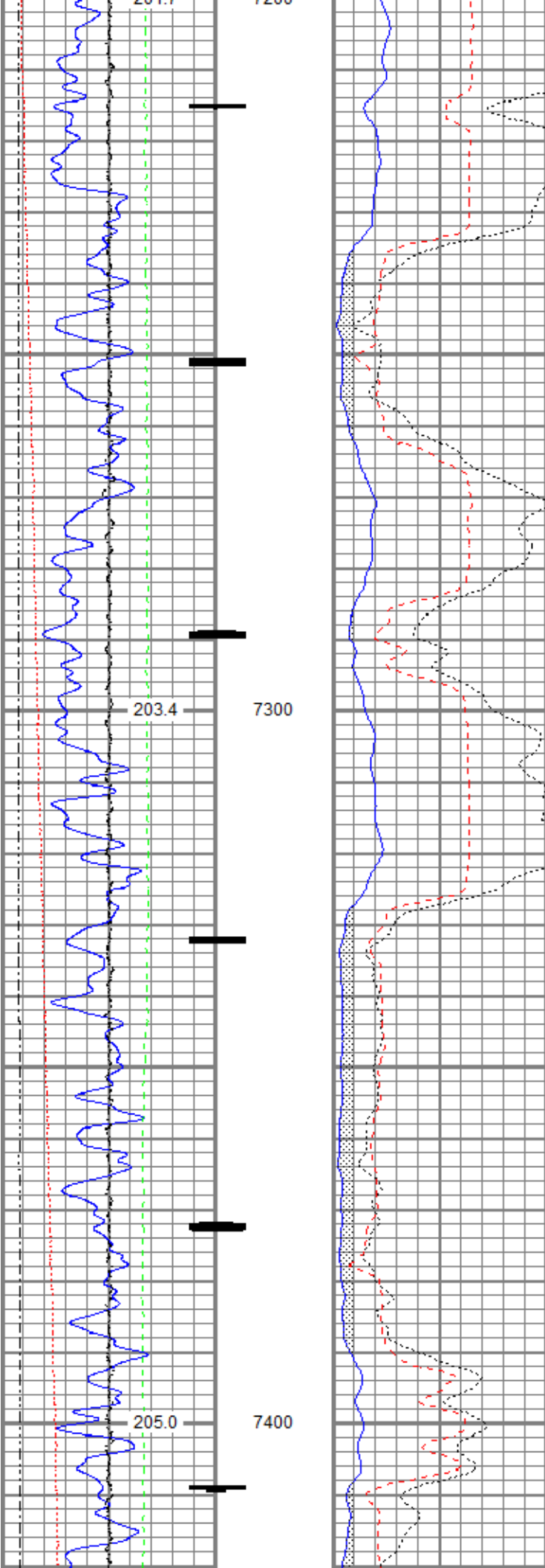


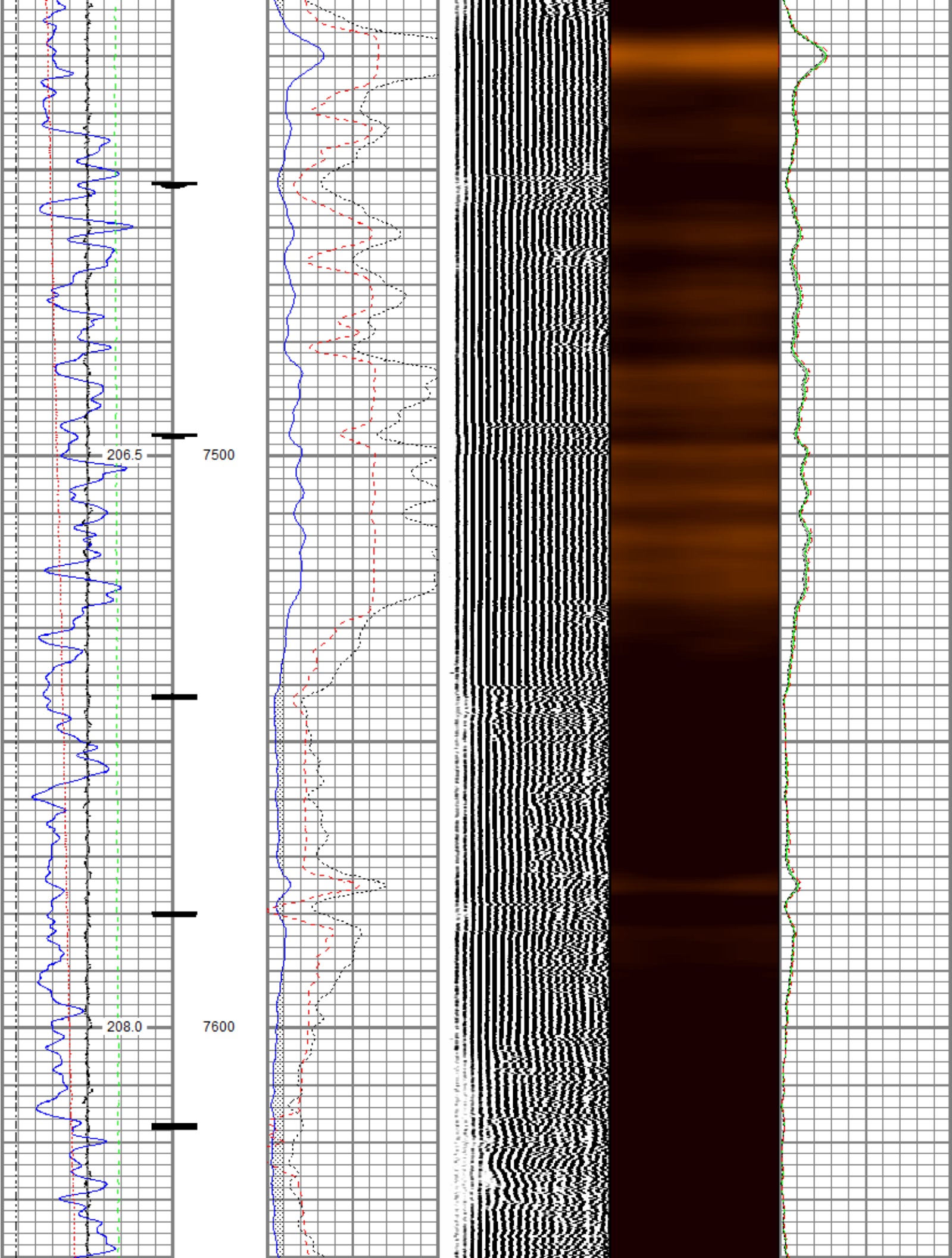


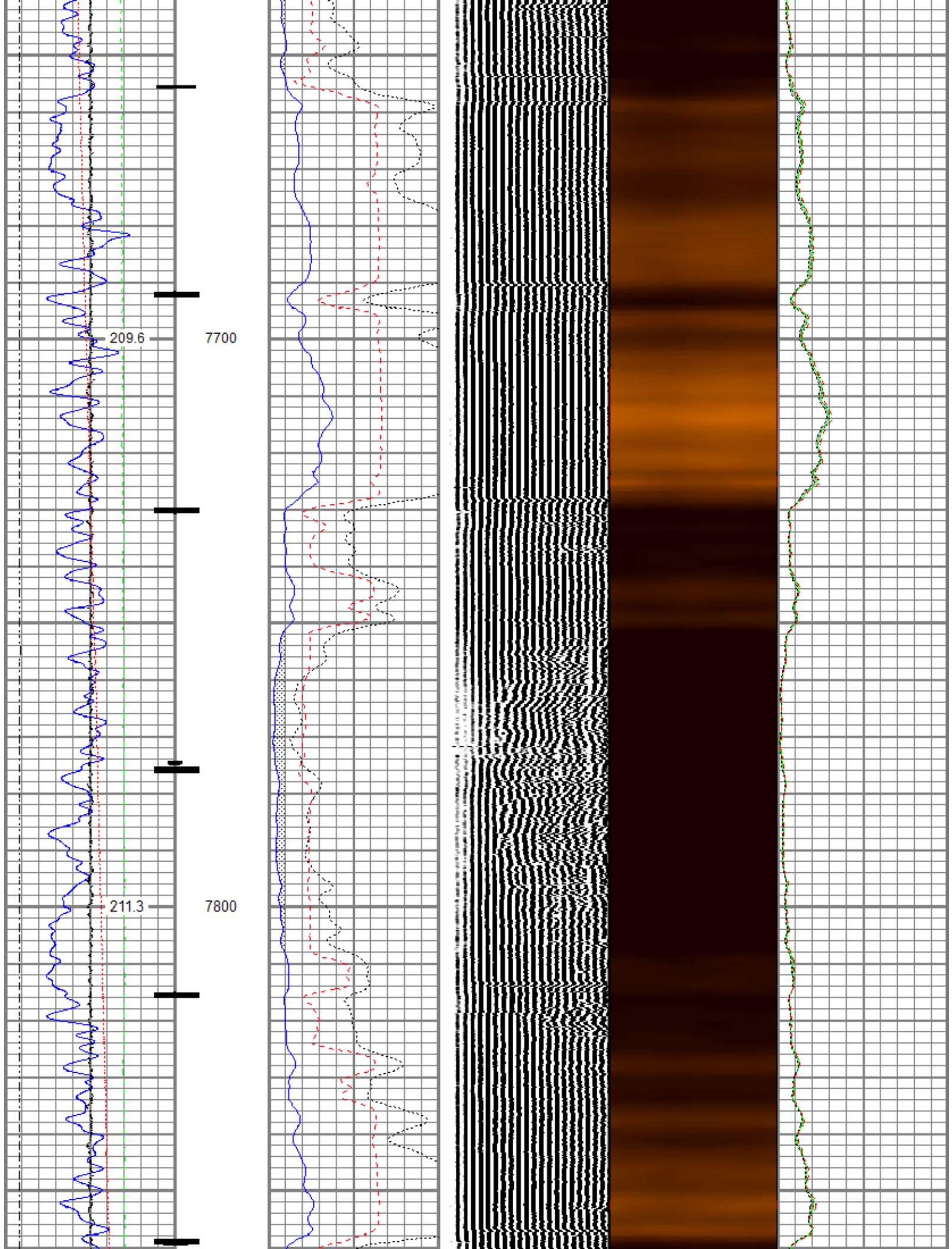


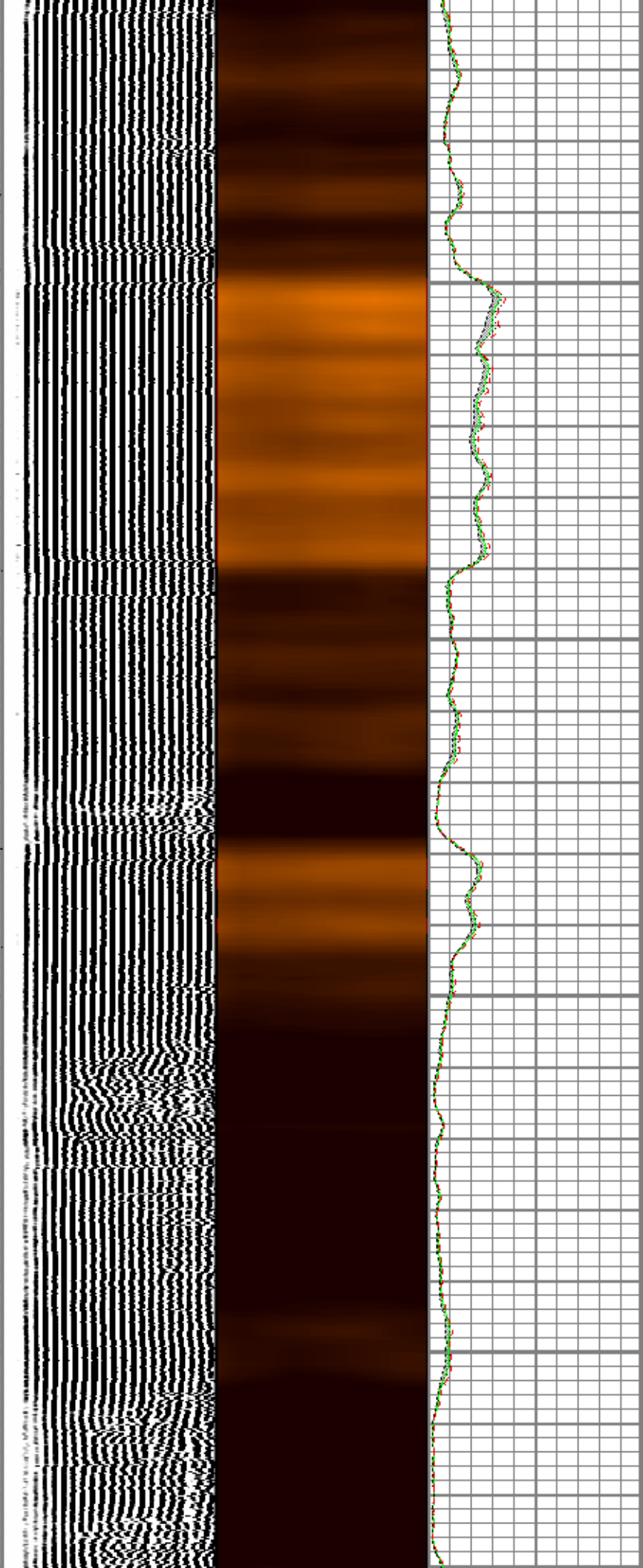
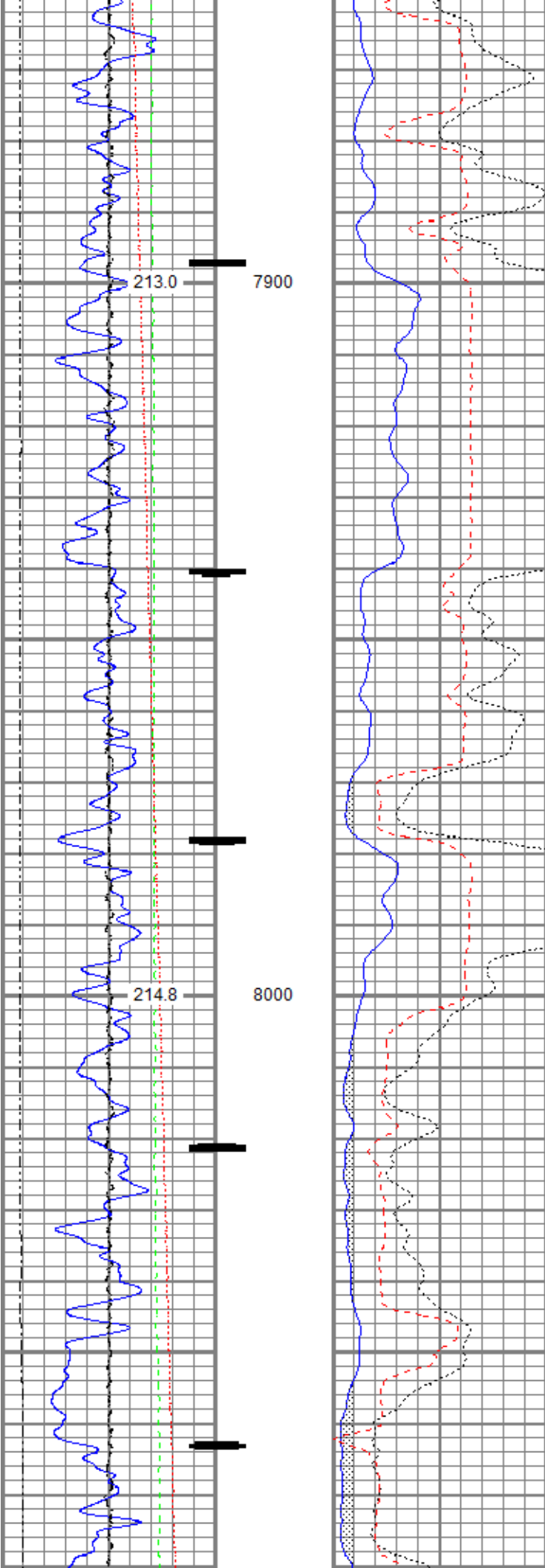


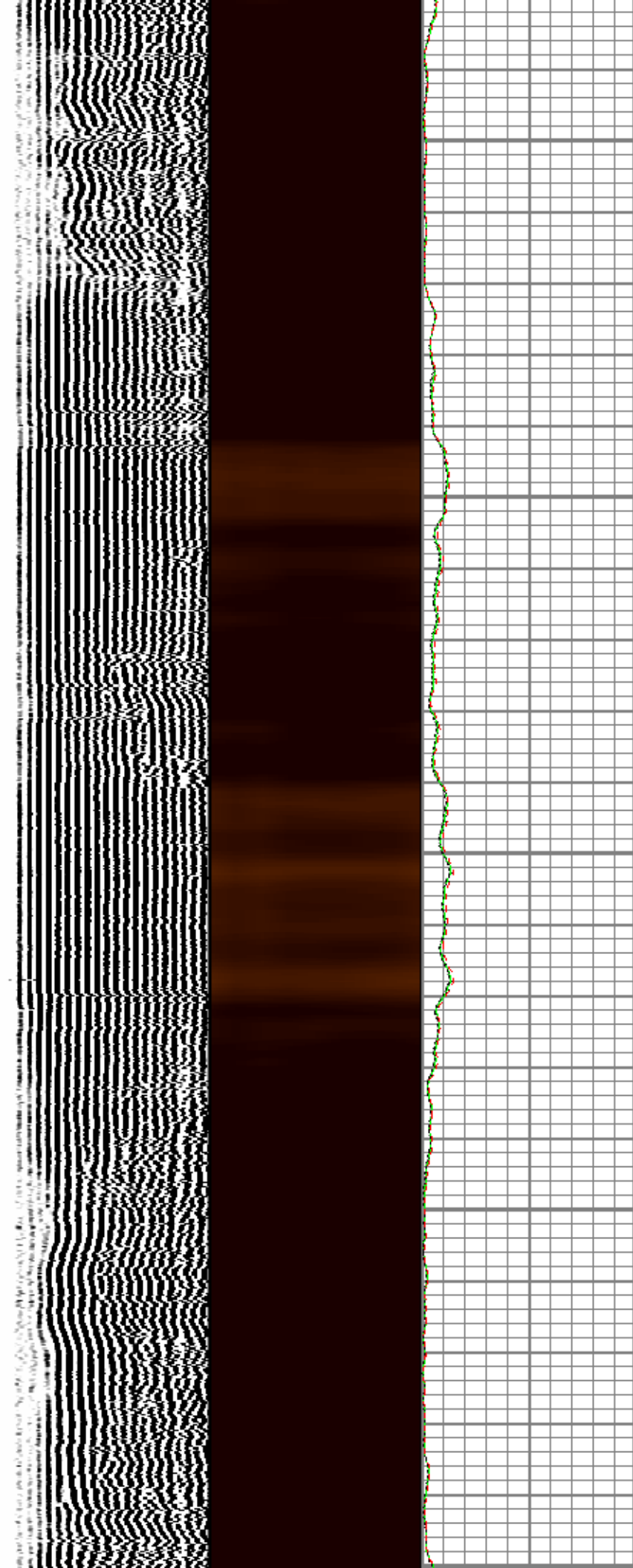
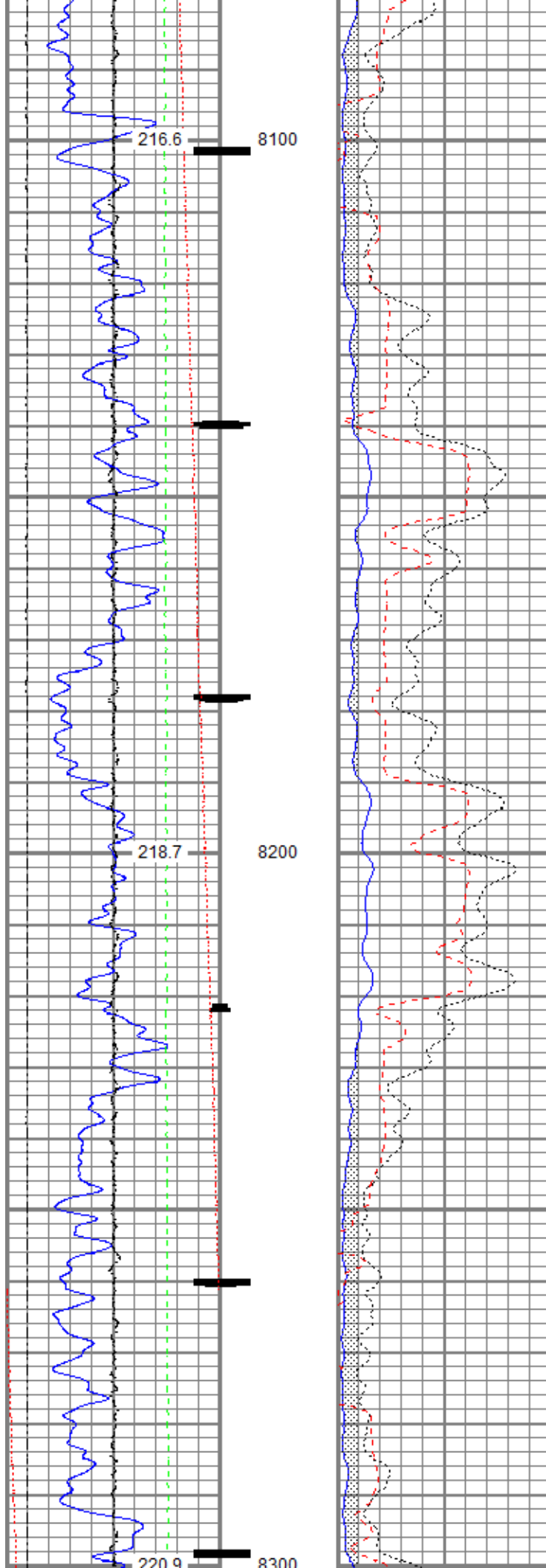


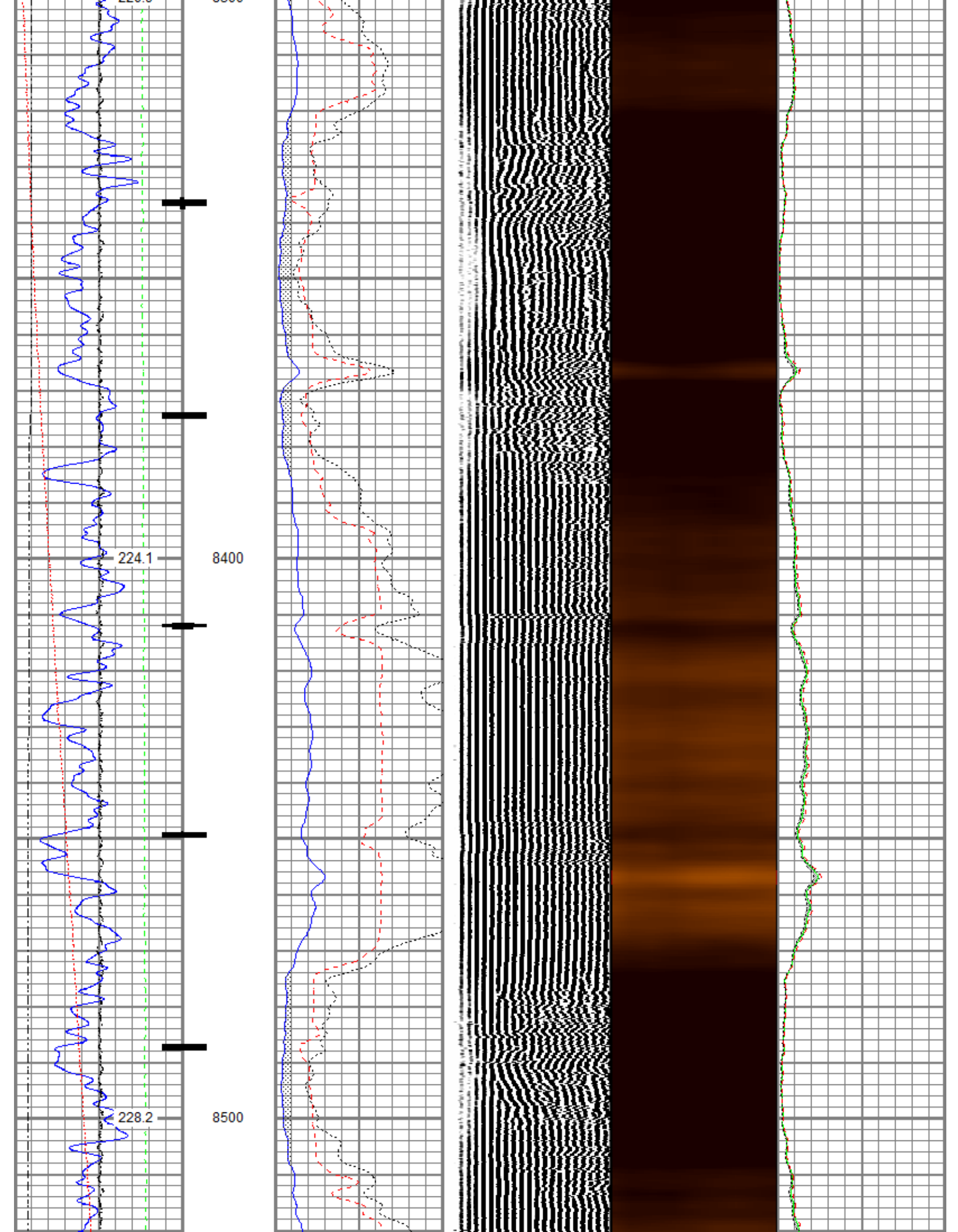


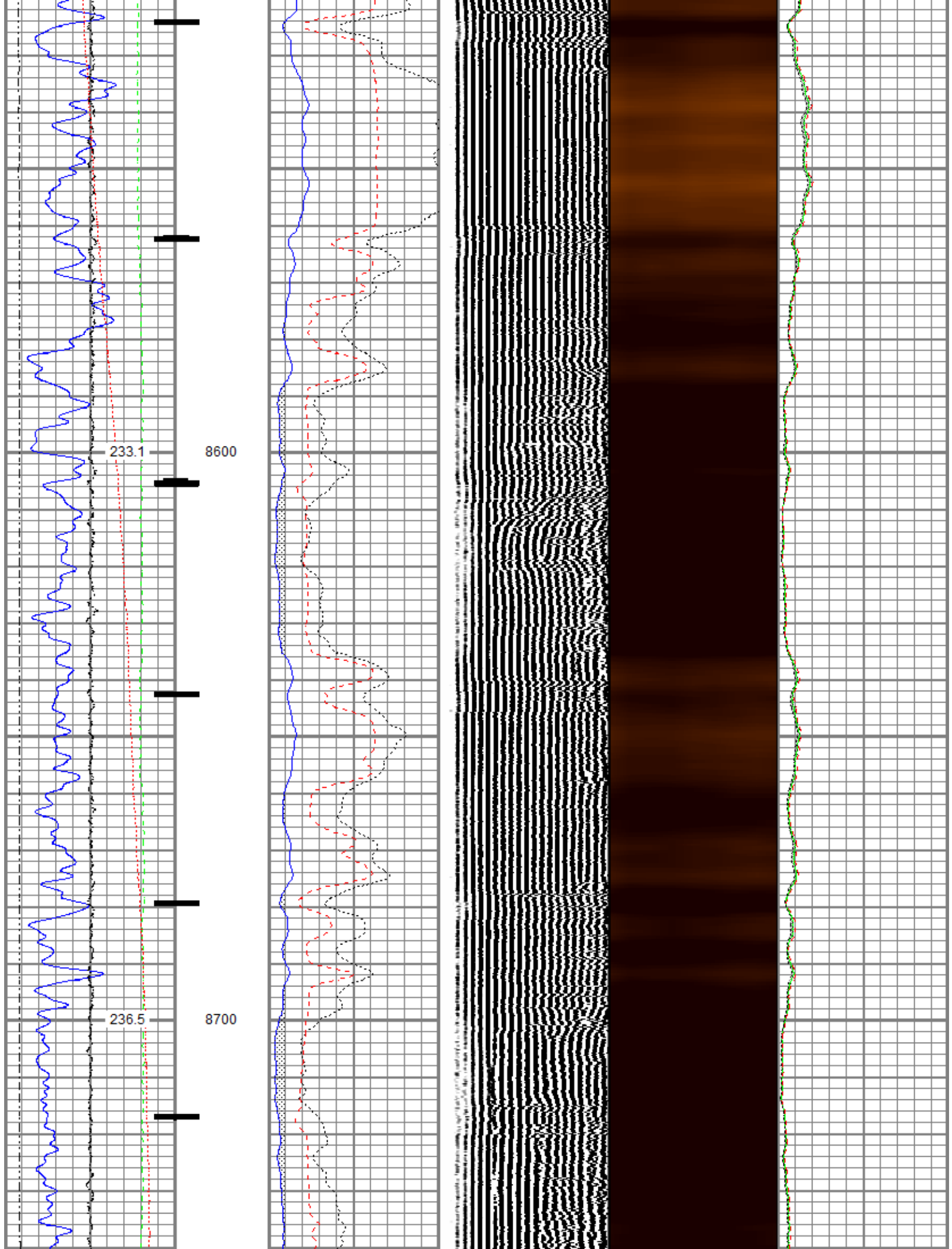


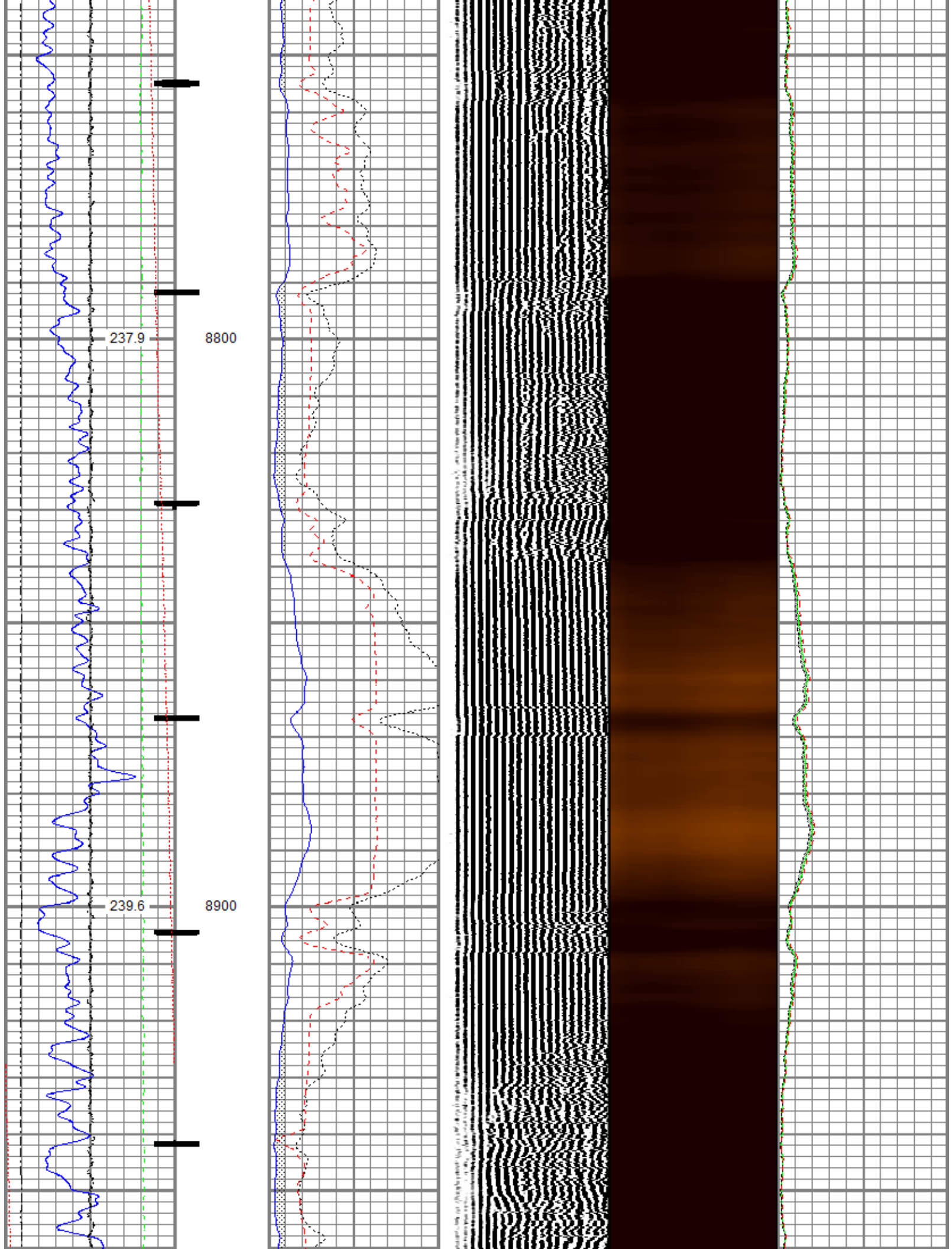


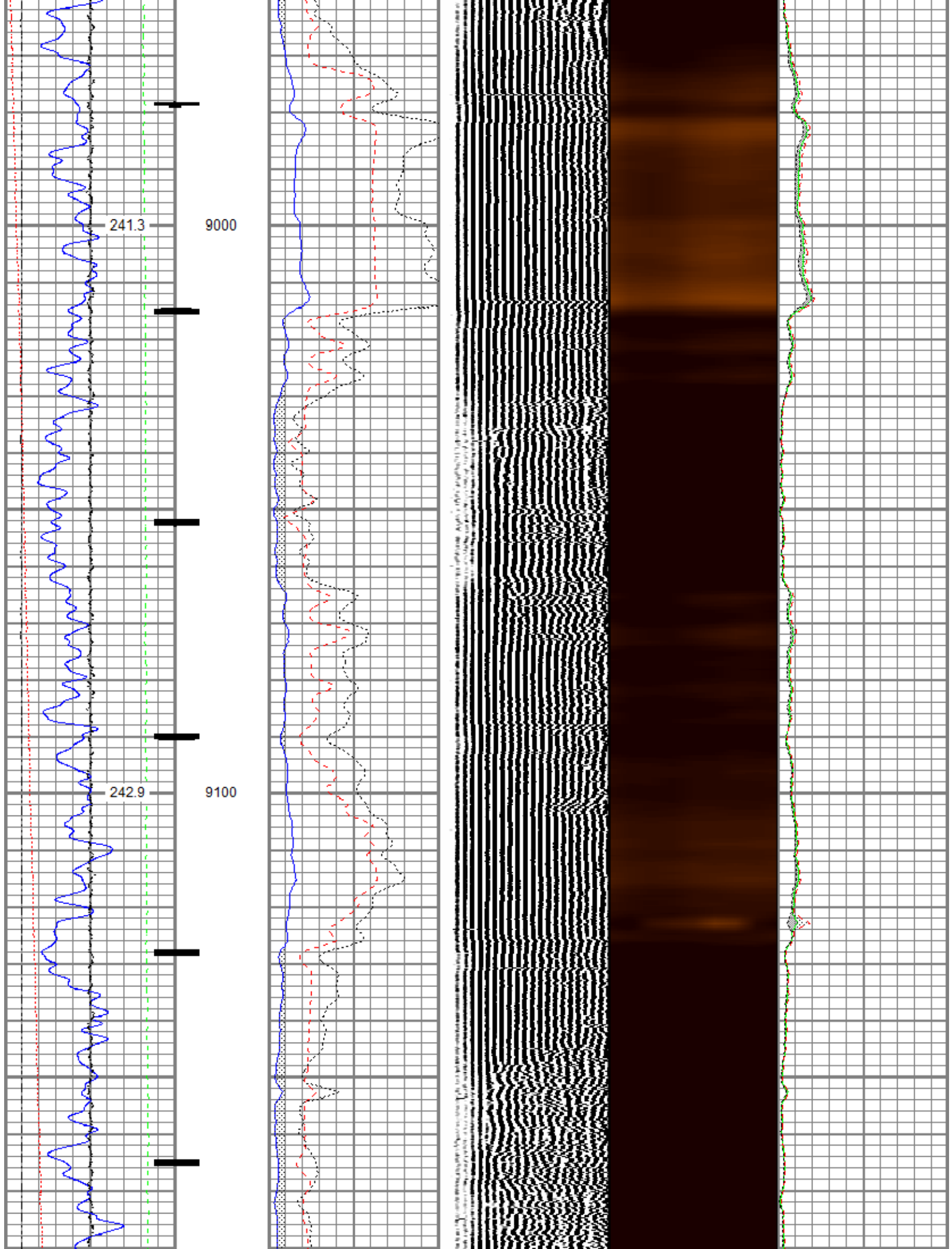


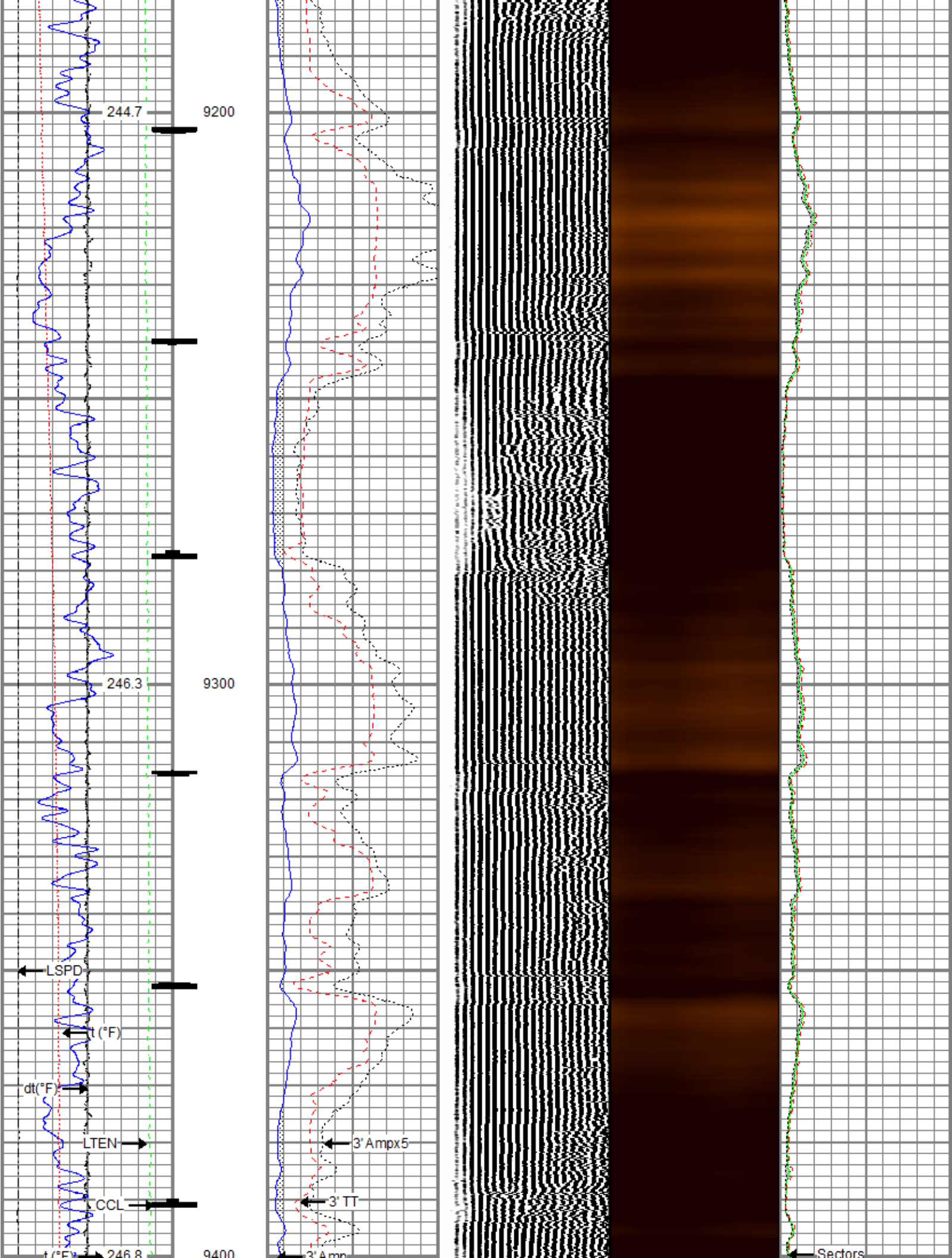


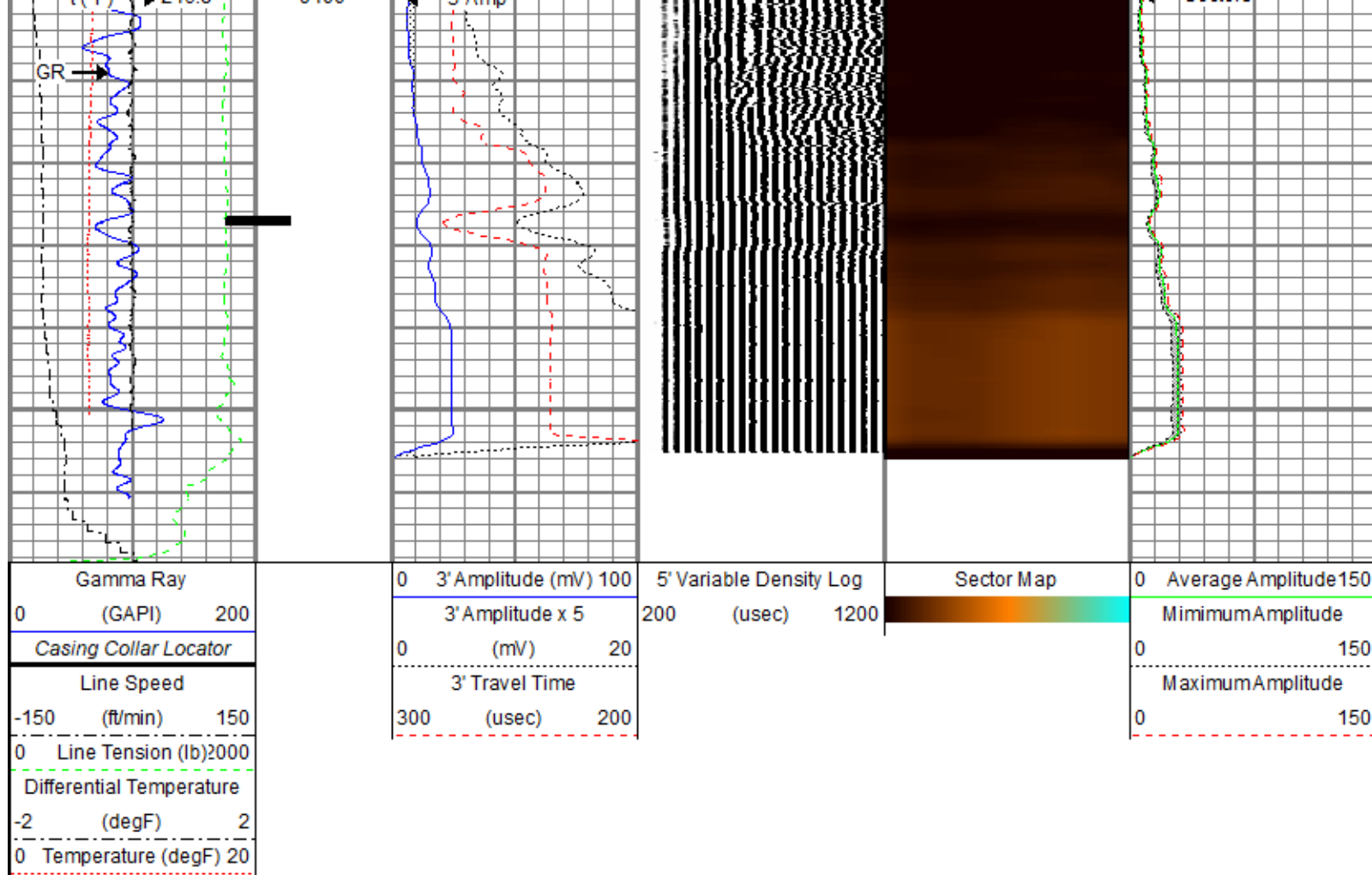








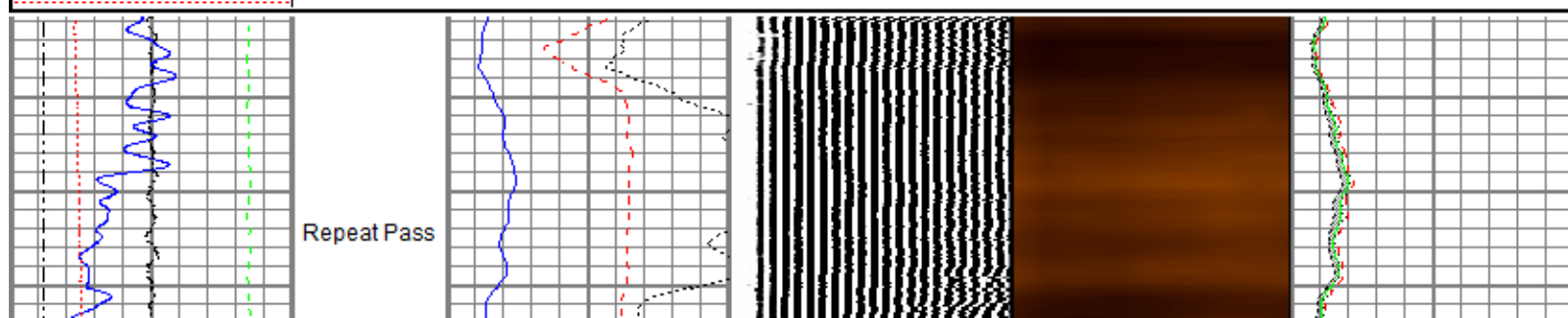
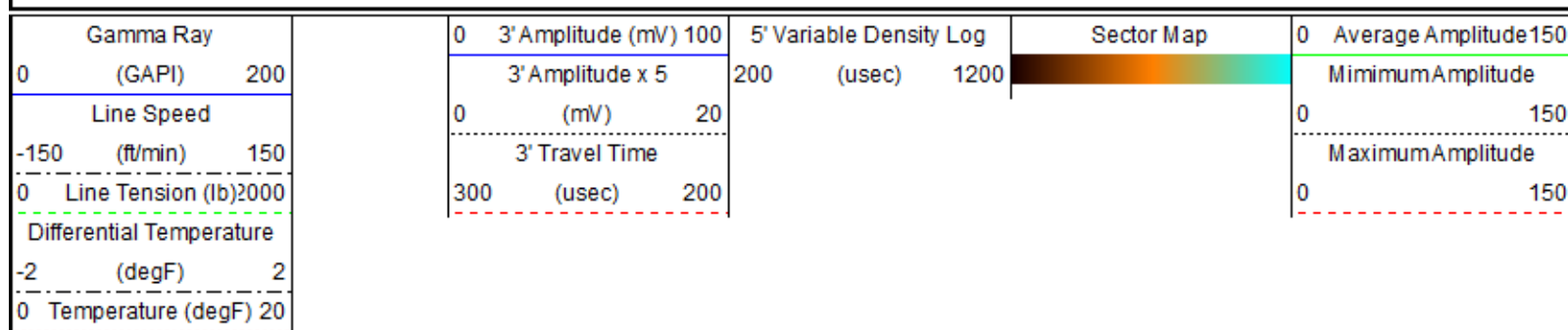


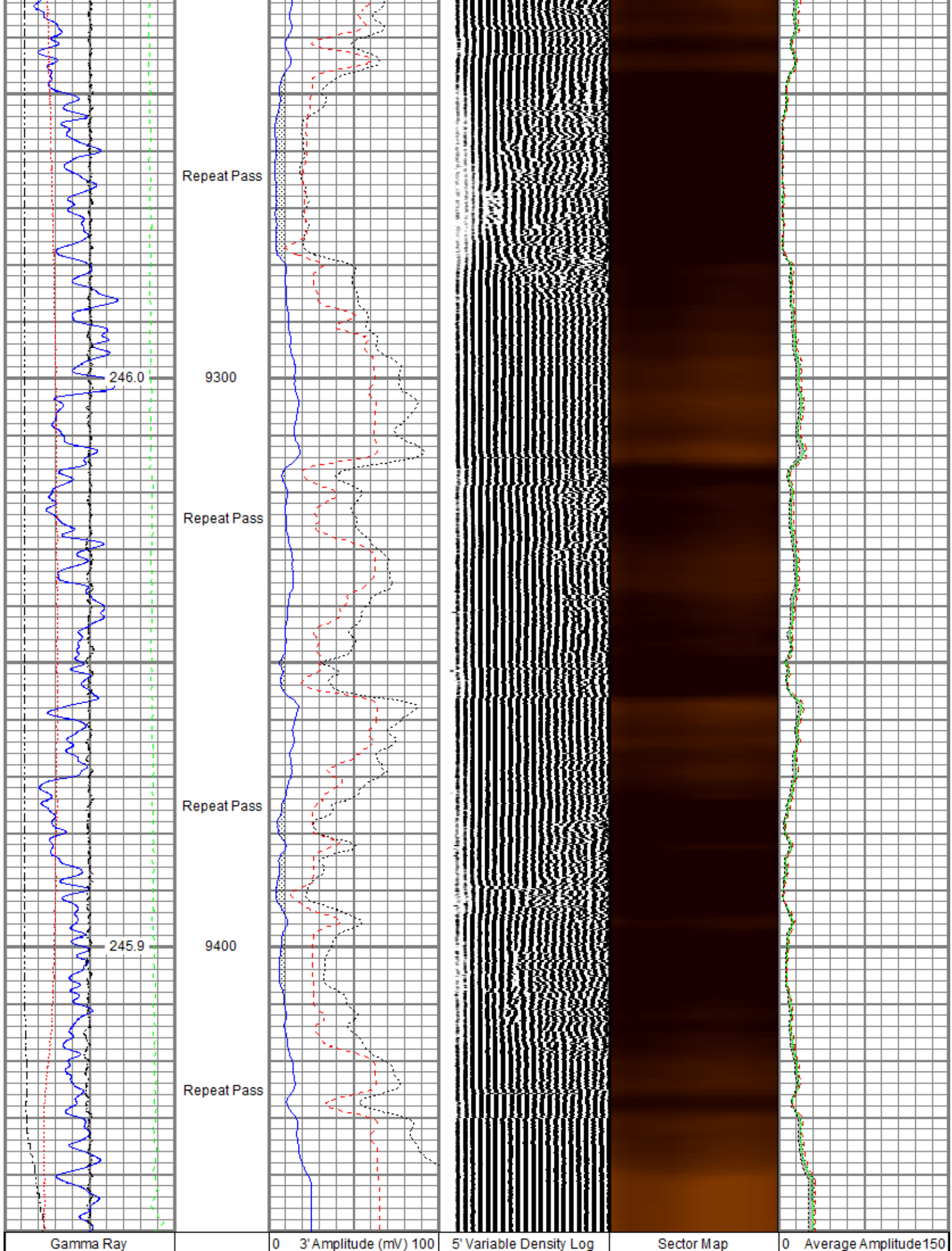



Repeat Pass

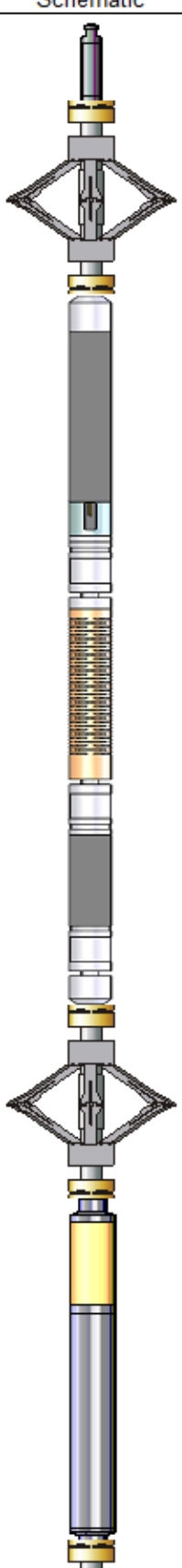
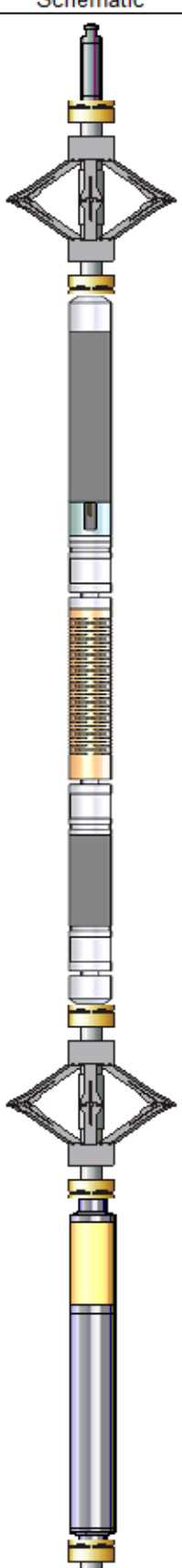
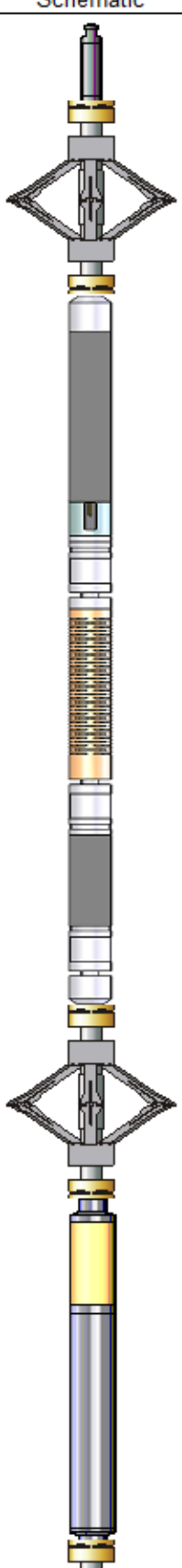
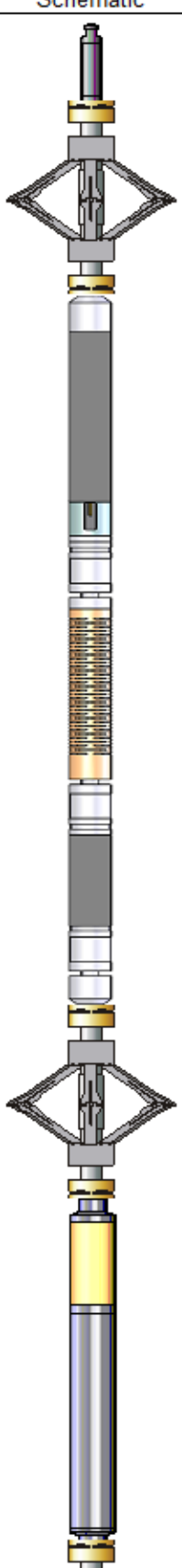
Recorded With 0 PSI Surface Induced Pressure

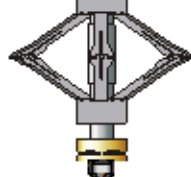
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 Dataset Pathname: Repeat.1
 Presentation Format: ros_rbt004_tep
 Dataset Creation: Tue Mar 19 20:40:12 2019
 Charted by: Depth in Feet scaled 1:240





0	(GAPI)	200	3' Amplitude x 5	200	(usec)	1200		MinimumAmplitude
Line Speed			0	(mV)	20			0150
-150	(ft/min)	150	3' Travel Time					MaximumAmplitude
0	Line Tension (lb)	2000	300	(usec)	200			0150
Differential Temperature								
-2	(degF)	2						
0	Temperature (degF)	20						

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	16.33		Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck			
			DSS RAC-2750 5A GO	2.55	2.75	32.00
			DSS 2-3/4" Roller 5 Arm Centralizer w/ GO Ends			
WVFS8	14.10		Probe Radii-2750 RBT (FW1307-063)	9.39	2.75	105.00
WVFS7	14.10		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
WVFS6	14.10					
WVFS5	14.10					
WVFS4	14.10					
WVFS3	14.10					
WVFS2	14.10					
WVFS1	14.10					
WVFCAL	14.10					
WVF3FT	14.10					
WVF5FT	13.10					
CCL\$2 CCL\$1	6.42		DSS RAC-2750 5A GO	2.55	2.75	32.00
	6.42		DSS 2-3/4" Roller 5 Arm Centralizer w/ GO Ends			
GR	5.18		Probe GR-CCL-2750 GOB (FW1307-038)	4.51	2.75	55.00
			Probe 2-3/4" rev.2 Digital Scintillation Gamma Ray/CCL Combined			

			DSS RAC-2750 5A GO DSS 2-3/4" Roller 5 Arm Centralizer w/ GO Ends	2.55	2.75	32.00
			GO BN-14375 GO 1-7/16" Bull Nose with Go Box Top	0.25	1.44	1.00
Dataset: tep_chevron tr 544-22-597_rbl_03-17-19.db: field/well/run1/Main.2 Total length: 22.82 ft Total weight: 260.60 lb O.D.: 2.75 in						

Calibration Report	
Database File	c:\programdata\warrior\data\tep_chevron tr 544-22-597\tep_chevron tr 544-22-597_rbl_03-17-19.db
Dataset Pathname	Main.2
Dataset Creation	Tue Mar 19 20:33:06 2019

Gamma Ray Calibration Report		
Serial Number:	FW1307-038	
Tool Model:	2750 GOB	
Performed:	Sun Nov 12 12:44:12 2017	
Calibrator Value:	637.0	GAPI
Background Reading:	113.2	cps
Calibrator Reading:	1022.4	cps
Sensitivity:	0.7007	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	FW1307-063	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	30.895	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.004	0.952	0.800	81.196	84.126	1.111
CAL	-0.006	0.755				
5'	0.011	0.686	0.800	81.196	119.058	-0.459
SUM						
S1	-0.003	1.044	0.000	100.000	95.489	0.328
S2	-0.004	1.046	0.000	100.000	95.249	0.353
S3	-0.005	0.985	0.000	100.000	100.986	0.499
S4	-0.004	0.920	0.000	100.000	108.246	0.398
S5	-0.004	0.873	0.000	100.000	114.069	0.474
S6	-0.004	0.856	0.000	100.000	116.323	0.417
S7	-0.004	0.893	0.000	100.000	111.471	0.401
S8	-0.004	0.984	0.000	100.000	101.279	0.379

Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.755	1.000	0.000

Air Zero Calibration, performed Sun Mar 17 09:57:06 2019:						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset

	Raw (V)	Calibrated (V)	Results
	Zero	Zero	Offset
3'	-0.002	0.000	-0.000
5'	0.009	0.000	0.001
SUM			
S1	-0.002	0.000	-0.000
S2	-0.002	0.000	-0.000
S3	-0.003	0.000	-0.000
S4	-0.002	0.000	-0.000
S5	-0.002	0.000	-0.000
S6	-0.002	0.000	-0.001
S7	-0.002	0.000	-0.001
S8	-0.002	0.000	-0.000

Temperature Calibration Report				
Serial Number:	FW1307-063			
Tool Model:	2750 RBT			
Performed:	Sun Nov 12 13:45:43 2017			
	Reference		Reading	
Low Reference:	100.00 degF		113.84 degF	
High Reference:	350.00 degF		420.89 degF	
Gain:	0.81			
Offset:	7.31			
Delta Spacing	1			

	Company	TEP Rocky Mountain LLC
	Well	Chevron TR 544-22-597
	Field	Trail Ridge
	County	Garfield
	State	Colorado