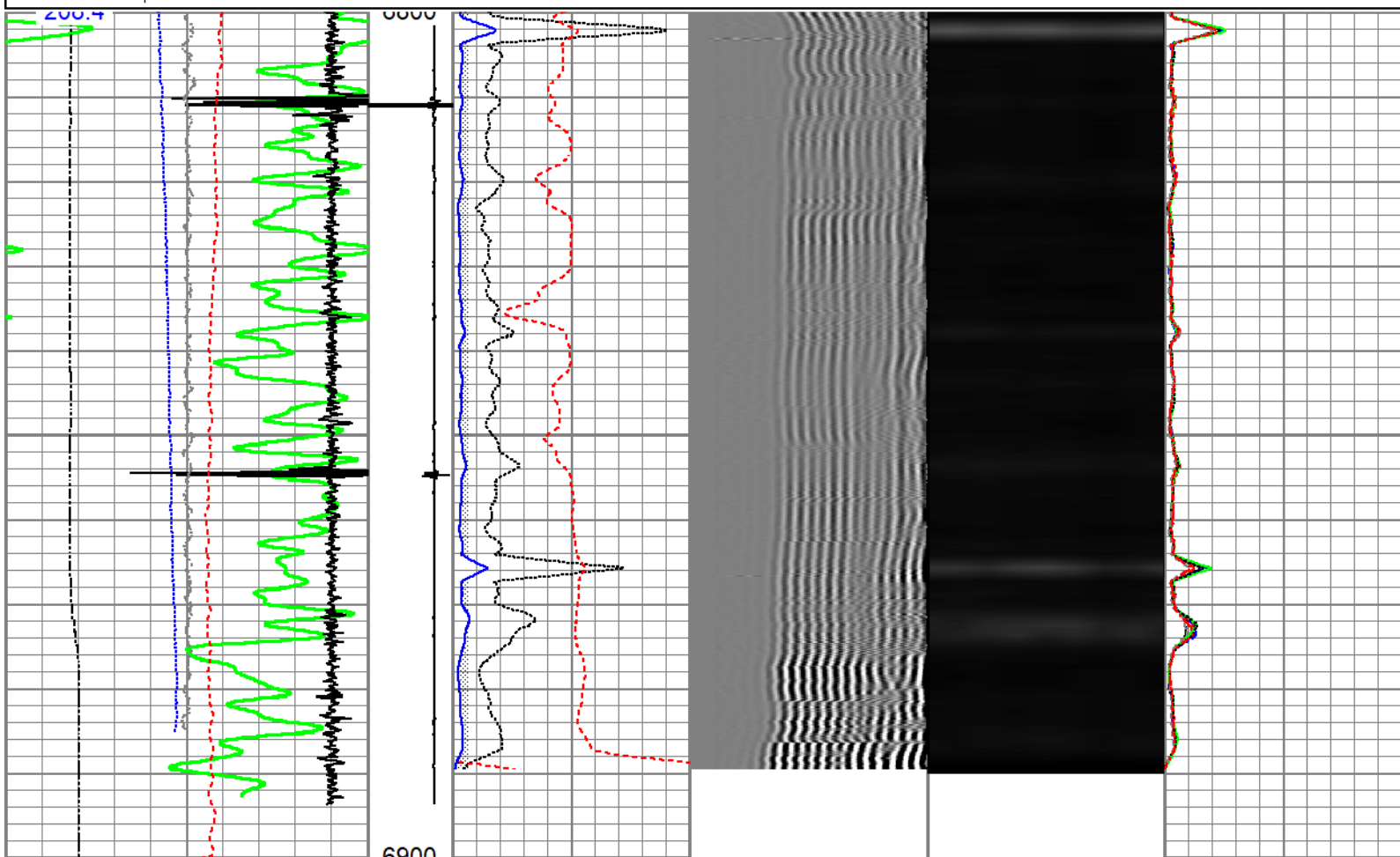


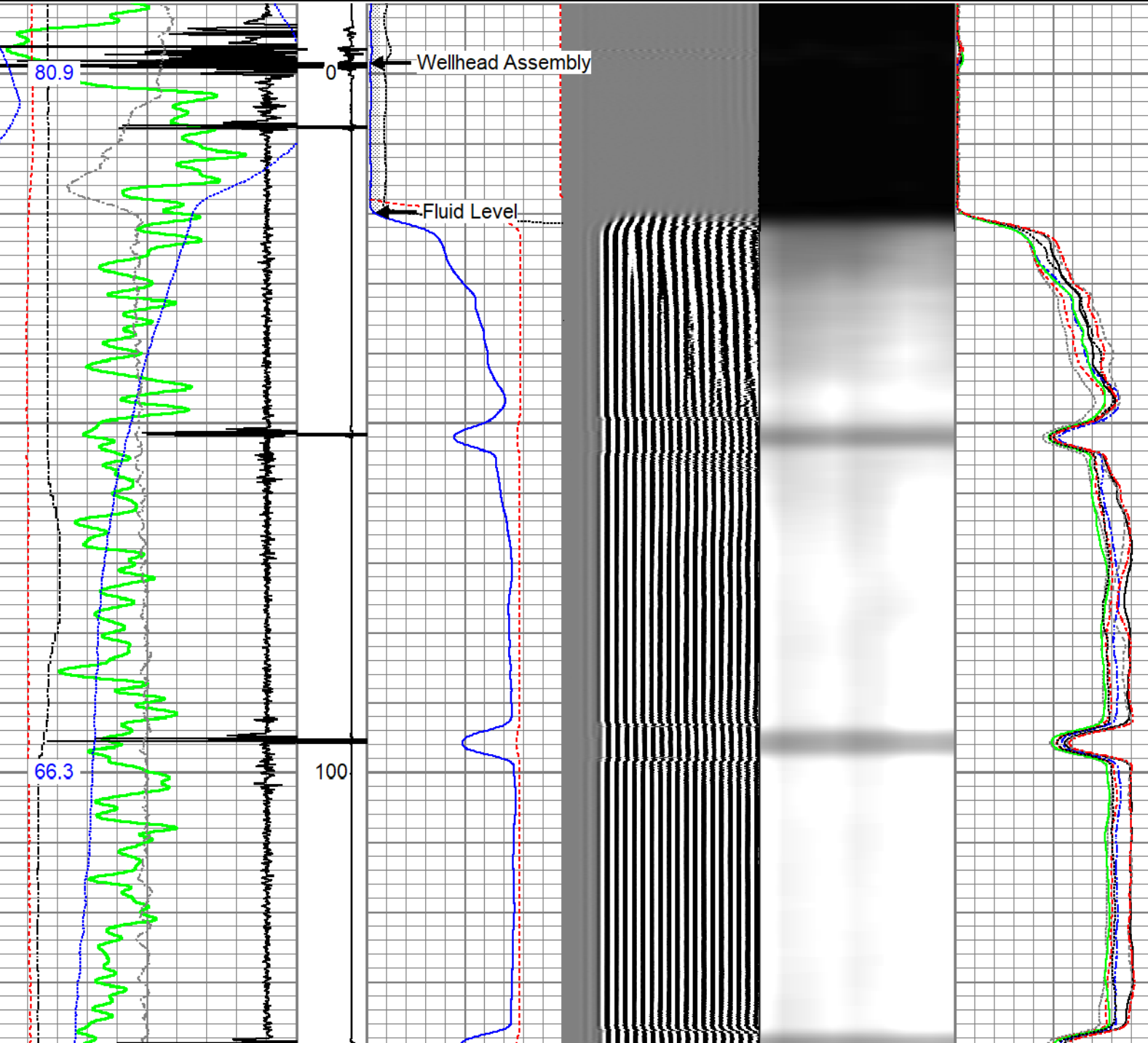
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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
Log ran as per customer request Depth referenced to Ground level Log ran with 0 PSI Surface Induced Pressure Logging tools were clean and free of any debris upon completion of operations

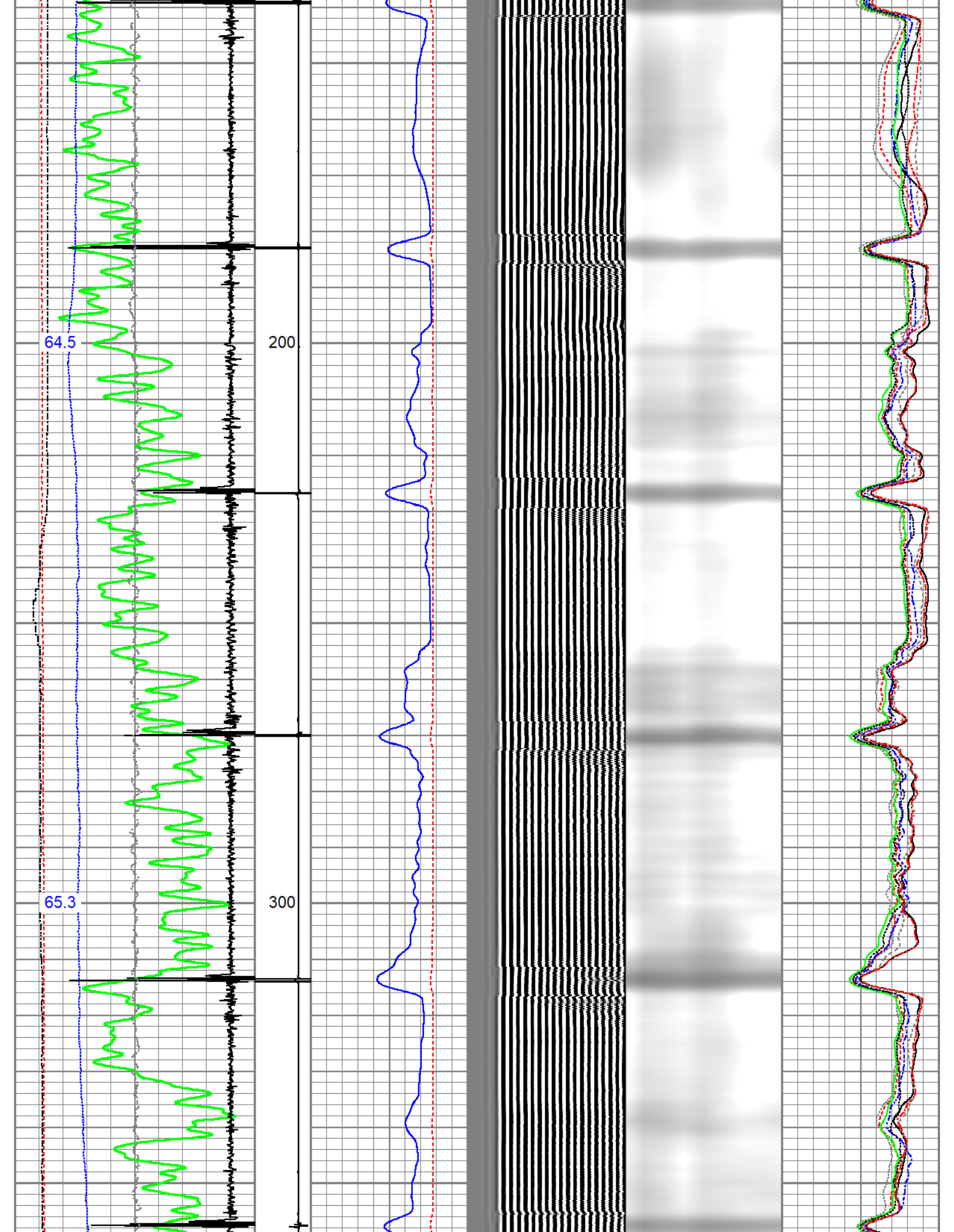
Greenfield

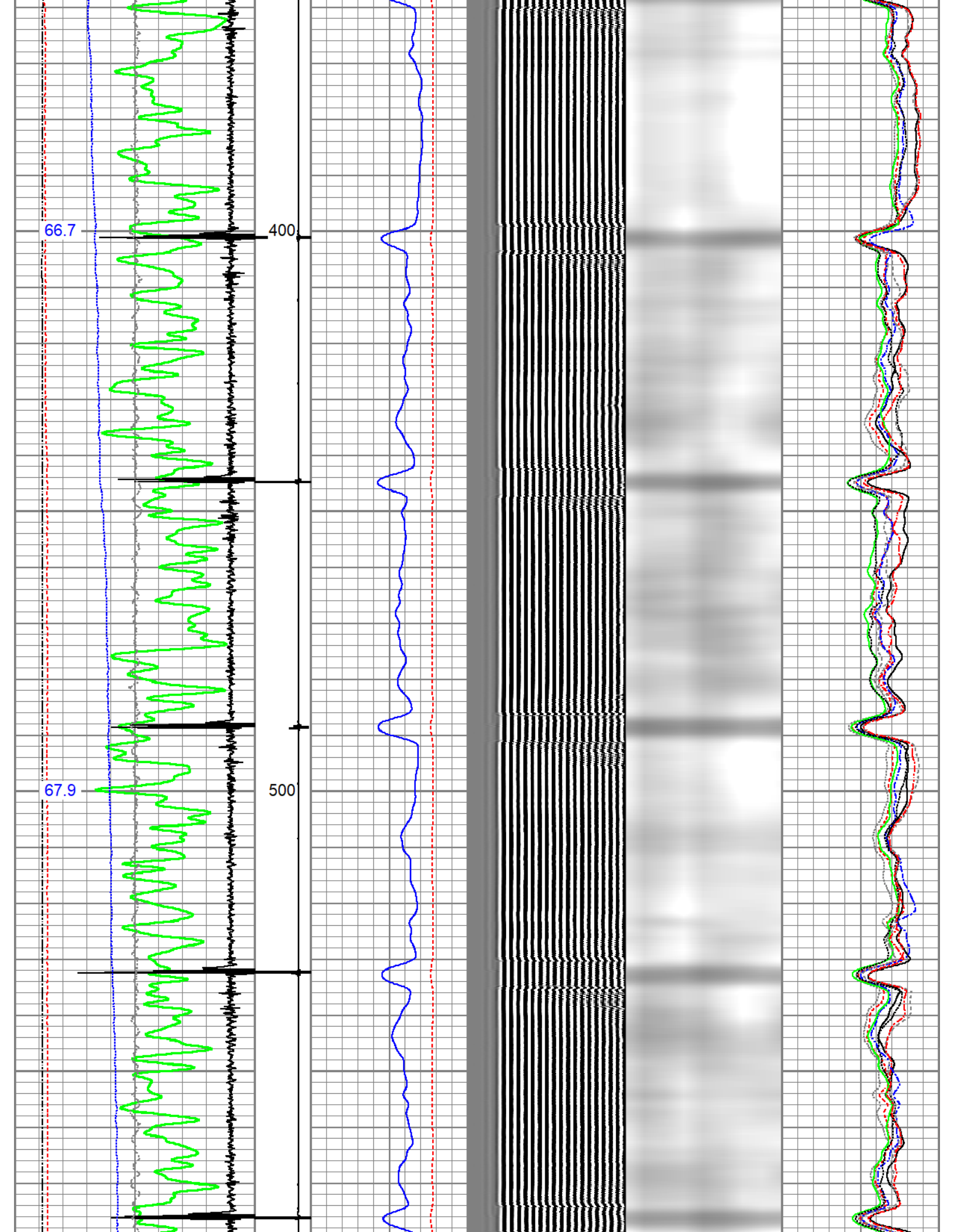
Database File	civitas_colorado state 16-11_cbl.db
Dataset Pathname	cbl/pass_5
Presentation Format	edge_rbl_noble
Dataset Creation	Fri Aug 11 16:56:01 2023
Charted by	Depth in Feet scaled 1:240

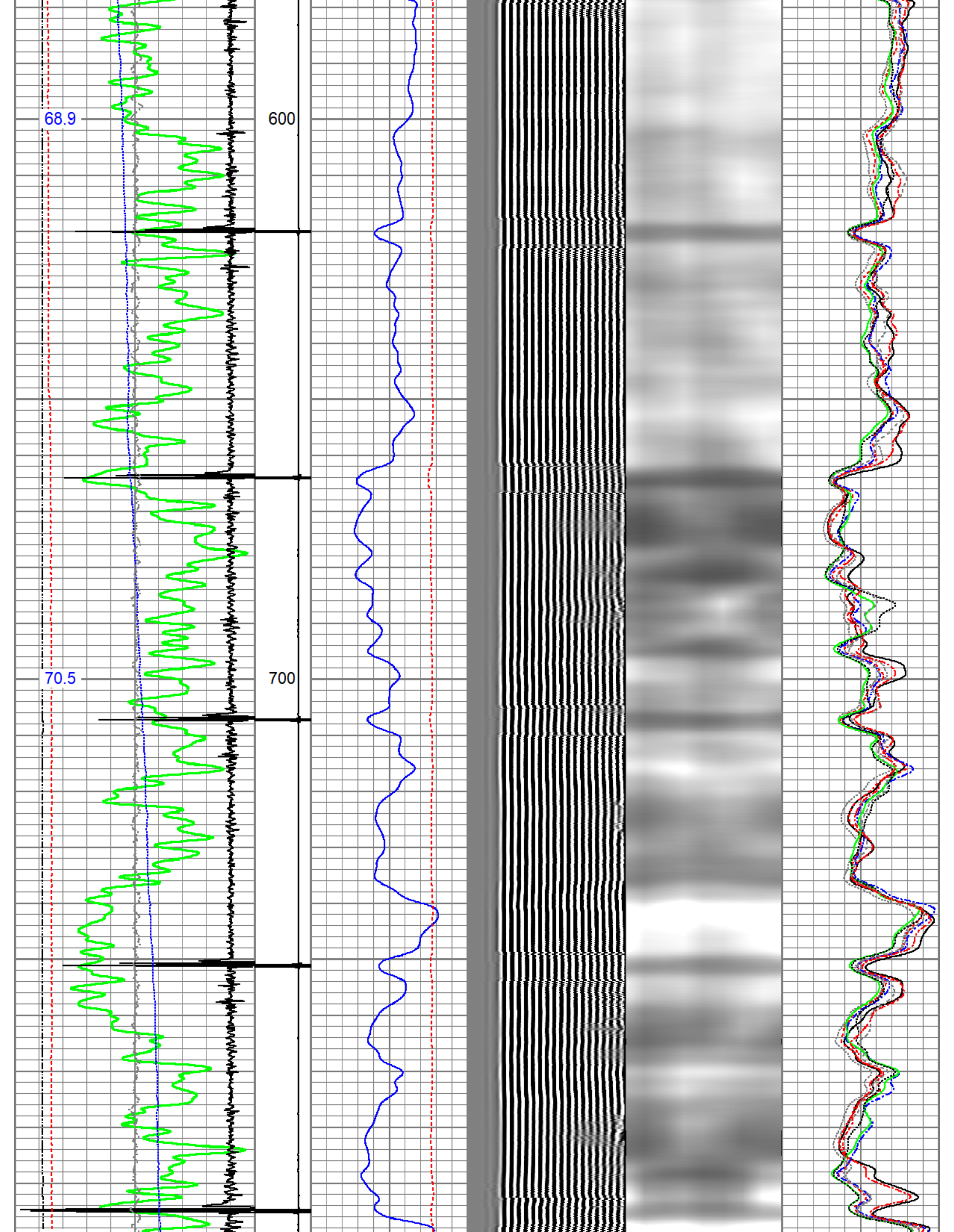
[illegible][illegible]

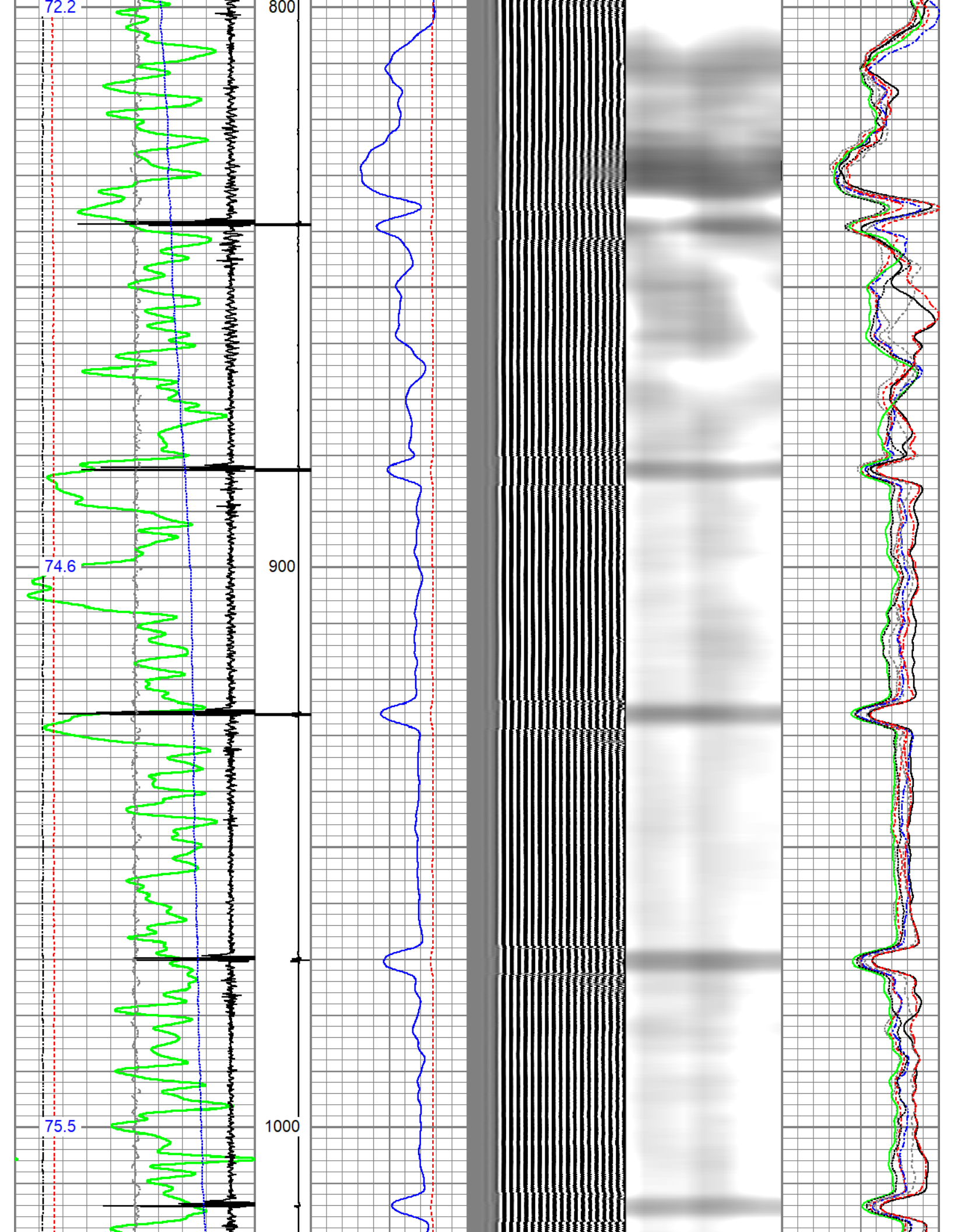
0	Gamma Ray (GAPI)	120	CCL\$2	3' Amplitude	5' Variable Density	Sector Map	0	AMP S1	100
9	Casing Collar Locator	-1	9 -1	(mV)	100		0	AMP S2	100
0	Temperature (degF)	20		3' Amplitude x 5			0	AMP S3	100
-150	Line Speed (ft/min)	150		(mV)	20		0	AMP S4	100
0	Line Tension (lb)	2000		3' Travel Time			0	AMP S5	100
	Differential Temperature			650 (usec)	150		0	AMP S6	100
-2	(degF)	2					0	AMP S7	100
Temperature							0	AMP S8	100
(degF)									

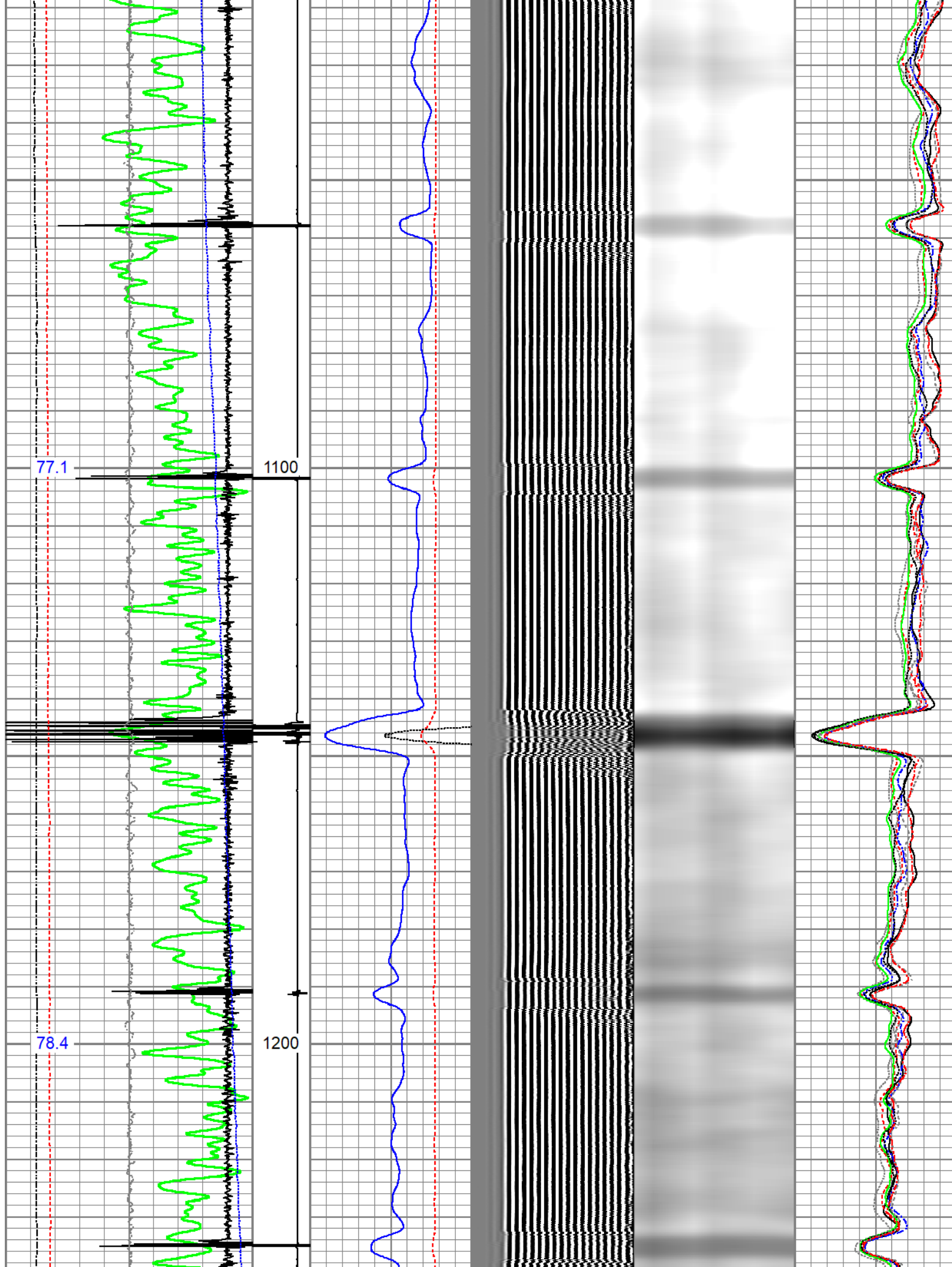


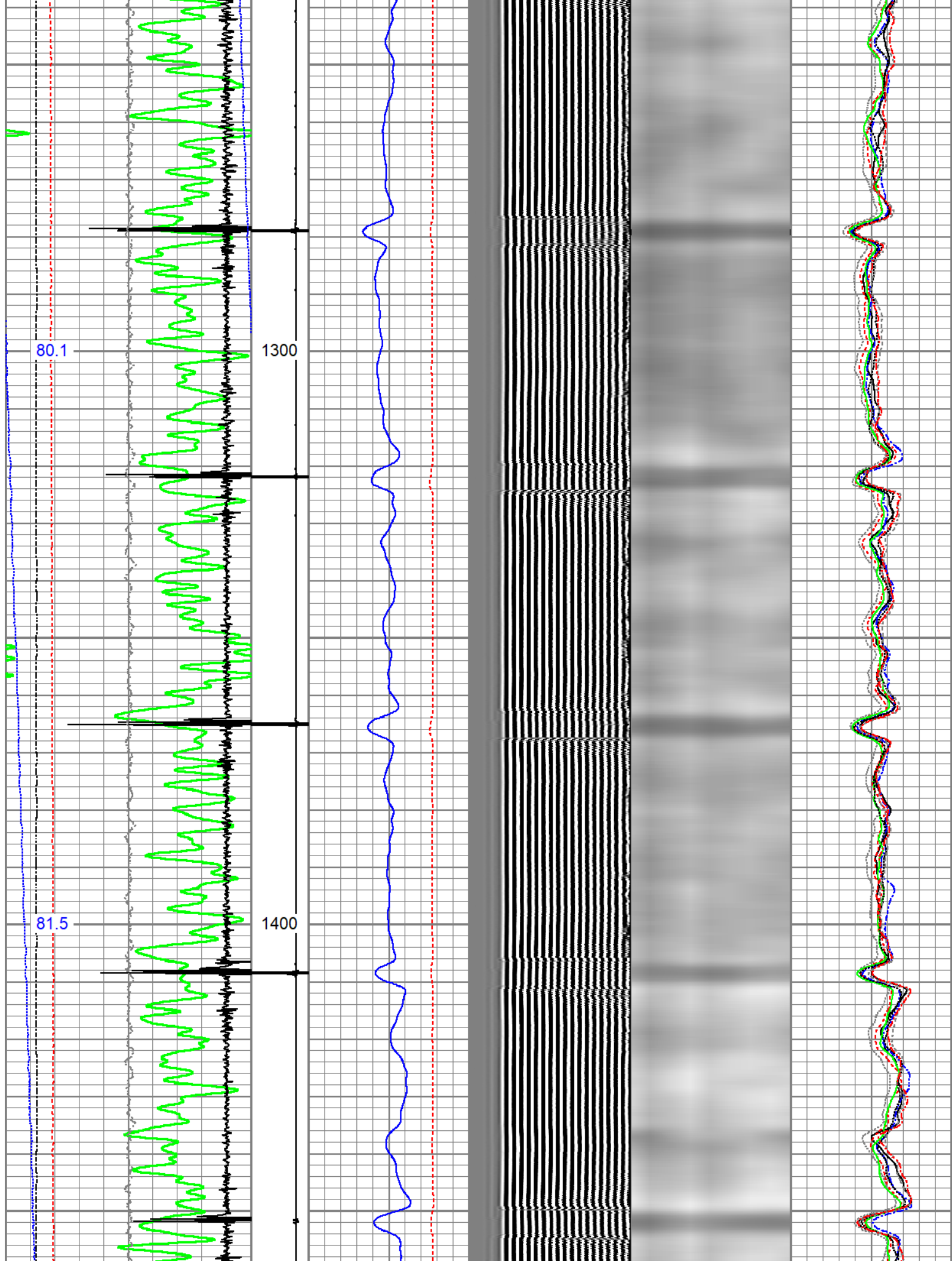


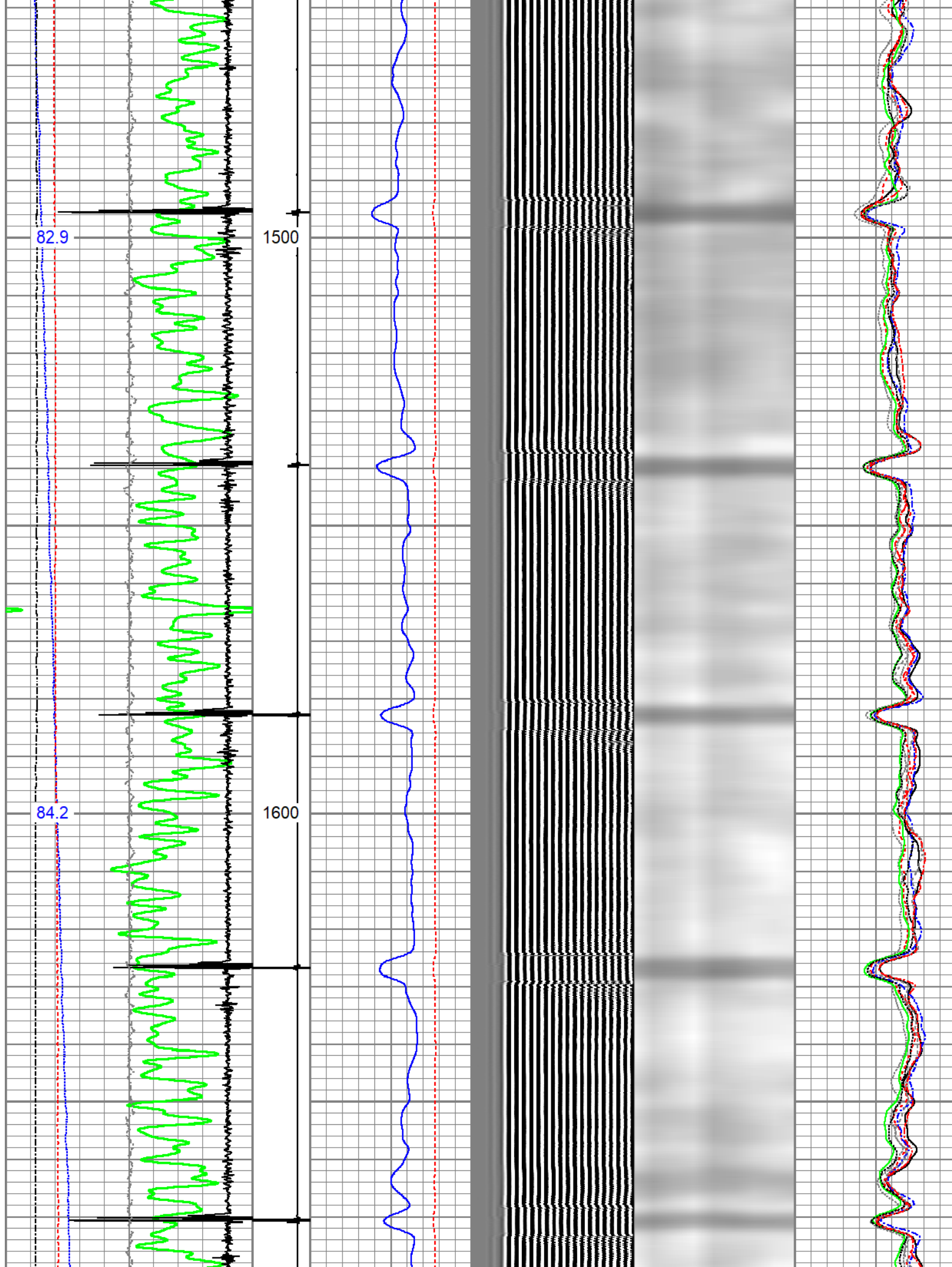


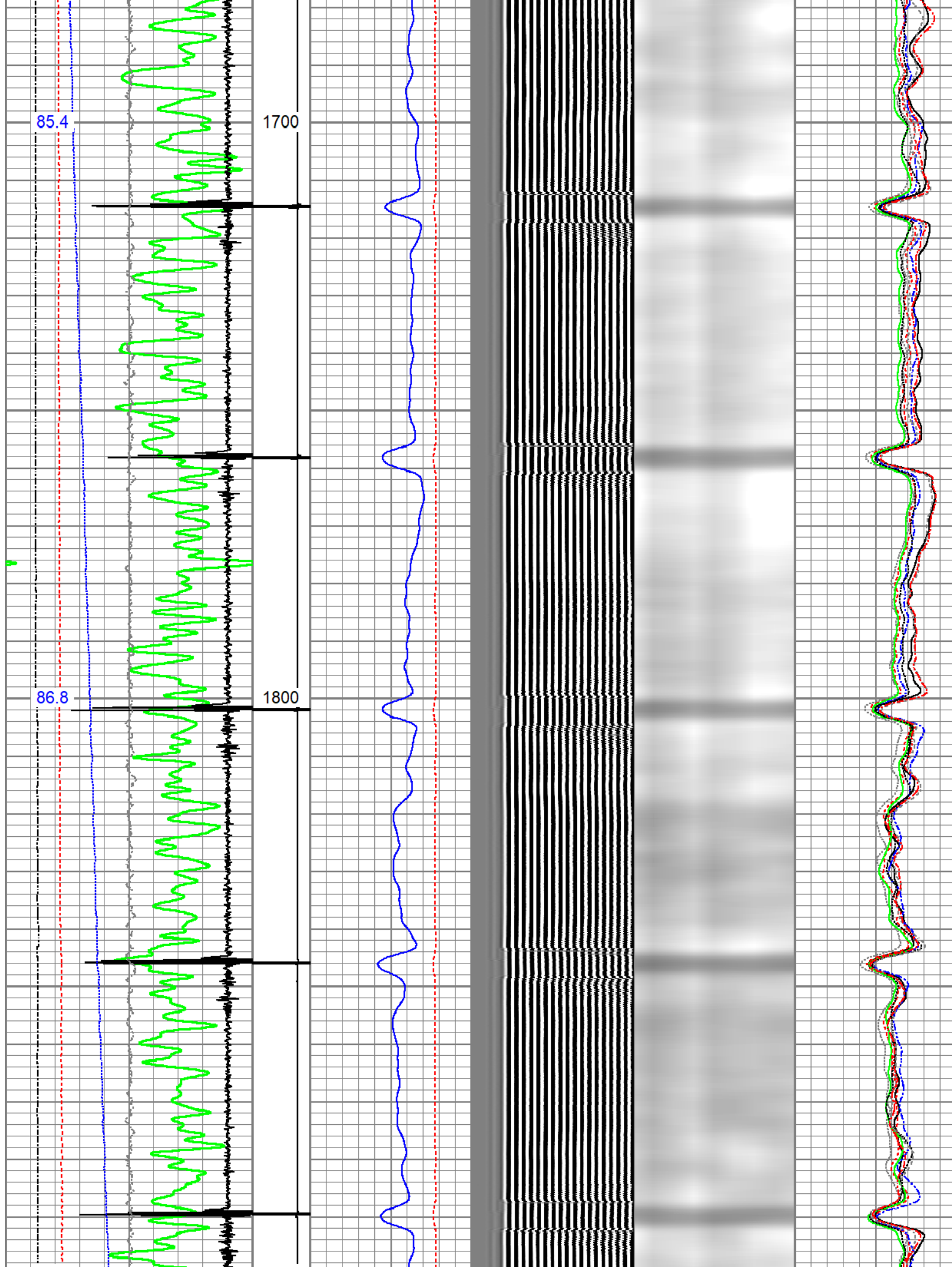


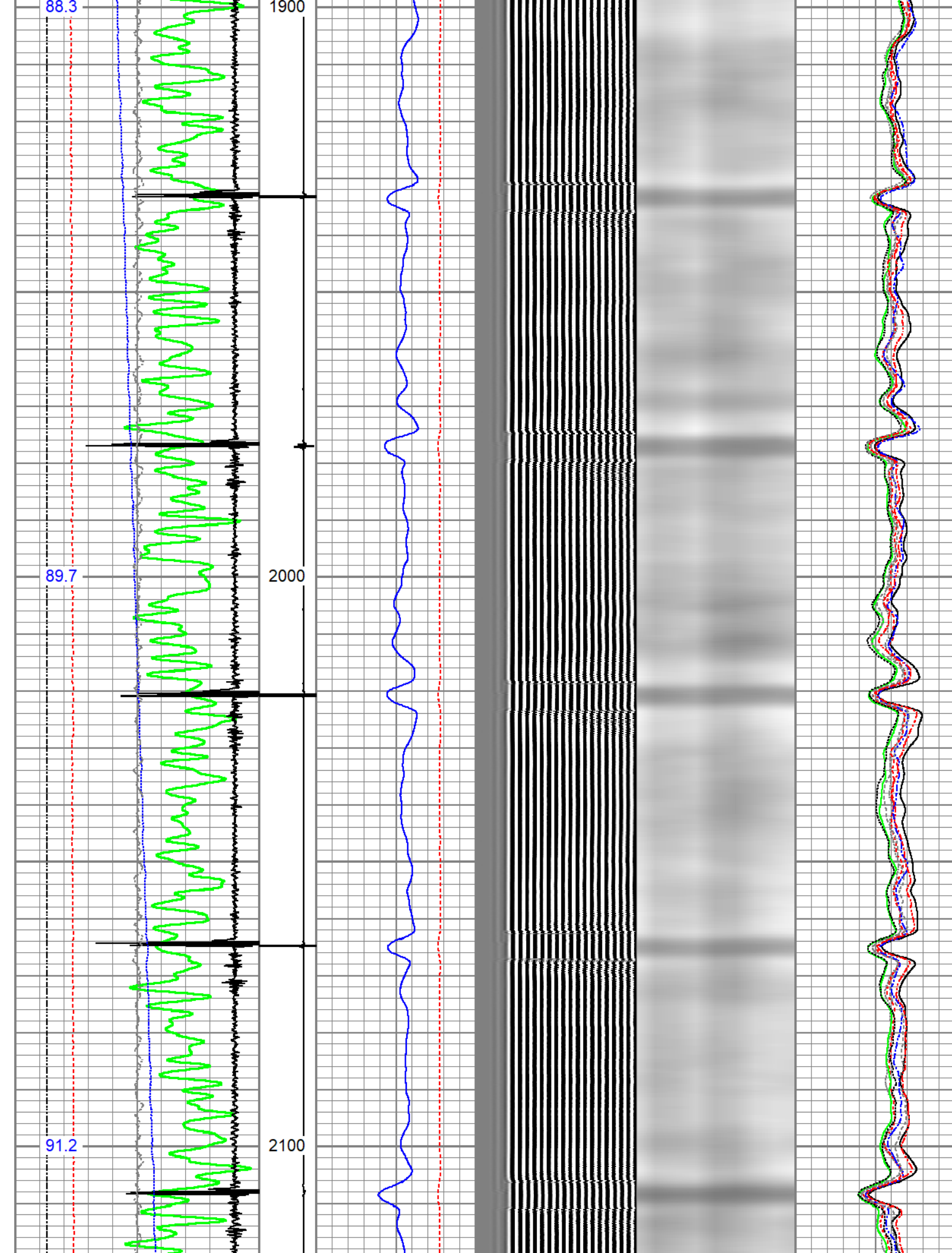


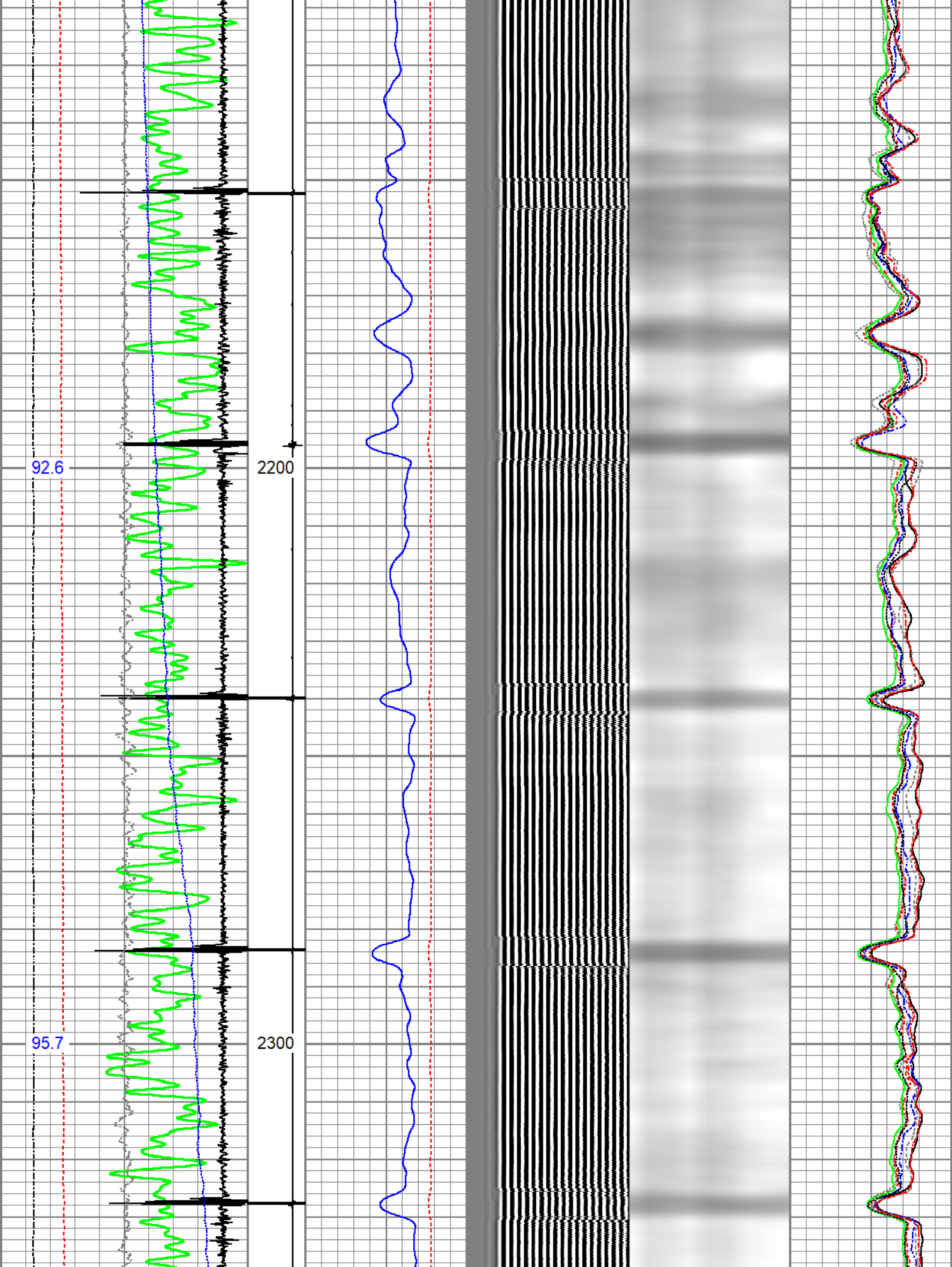


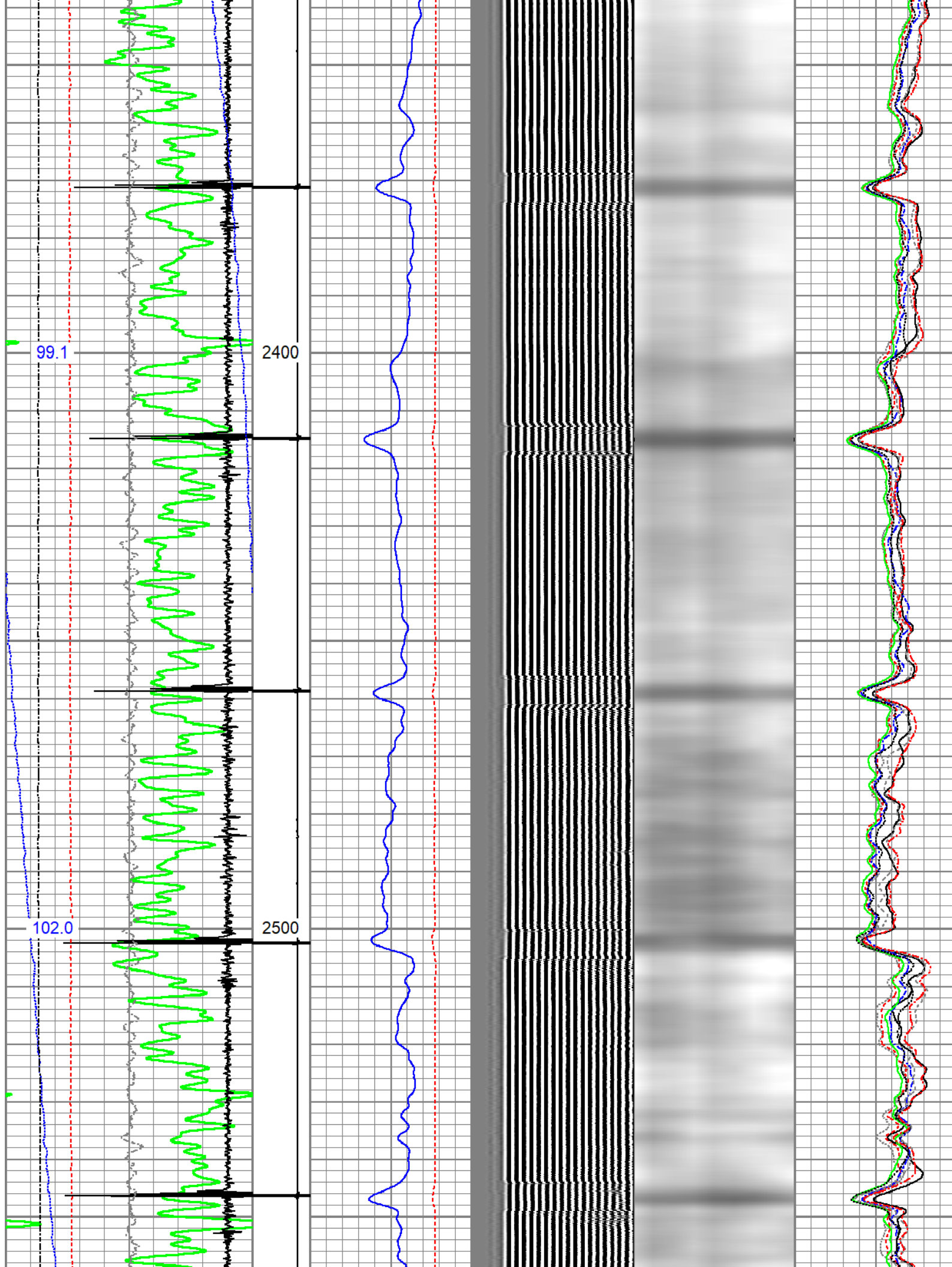


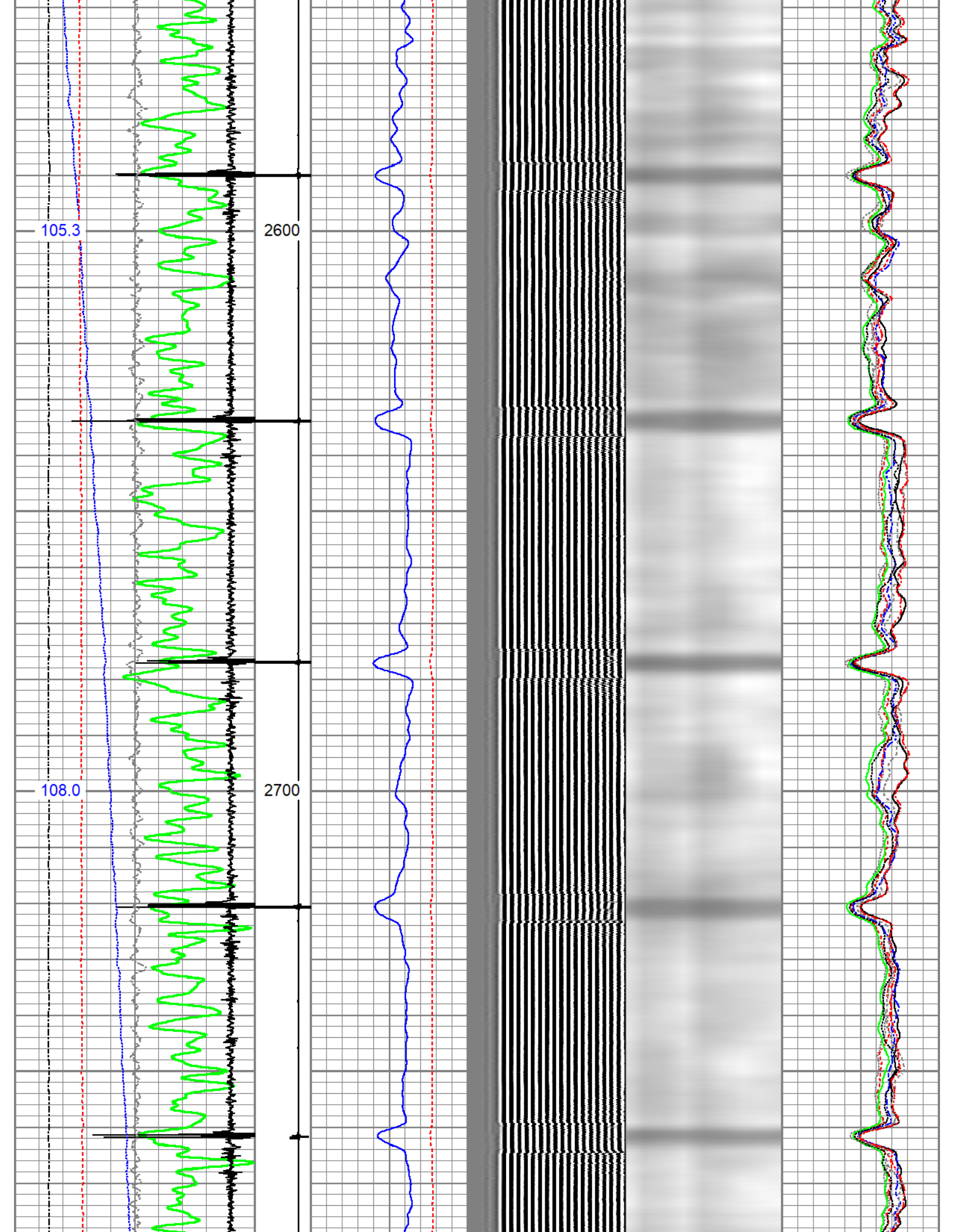


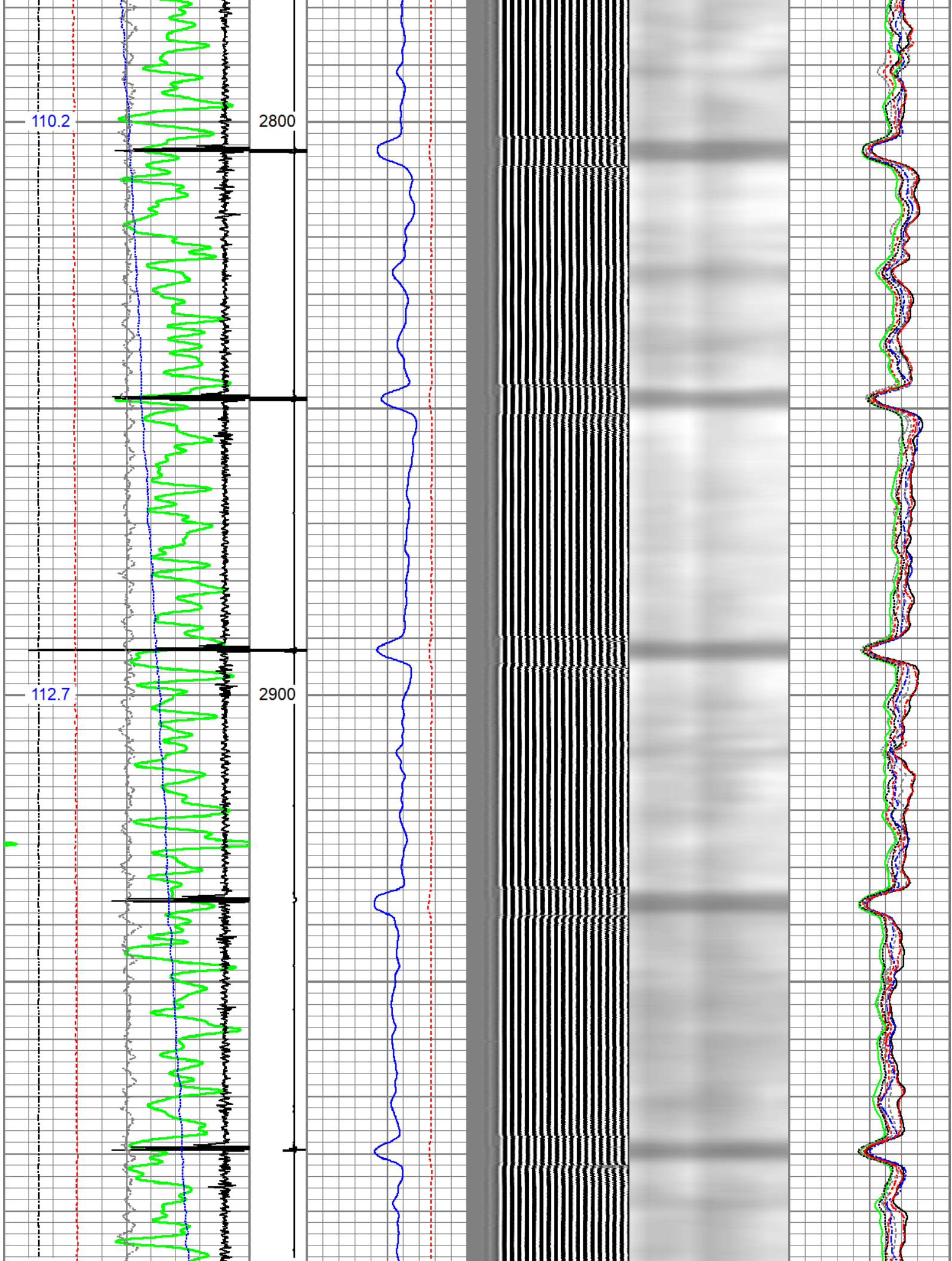


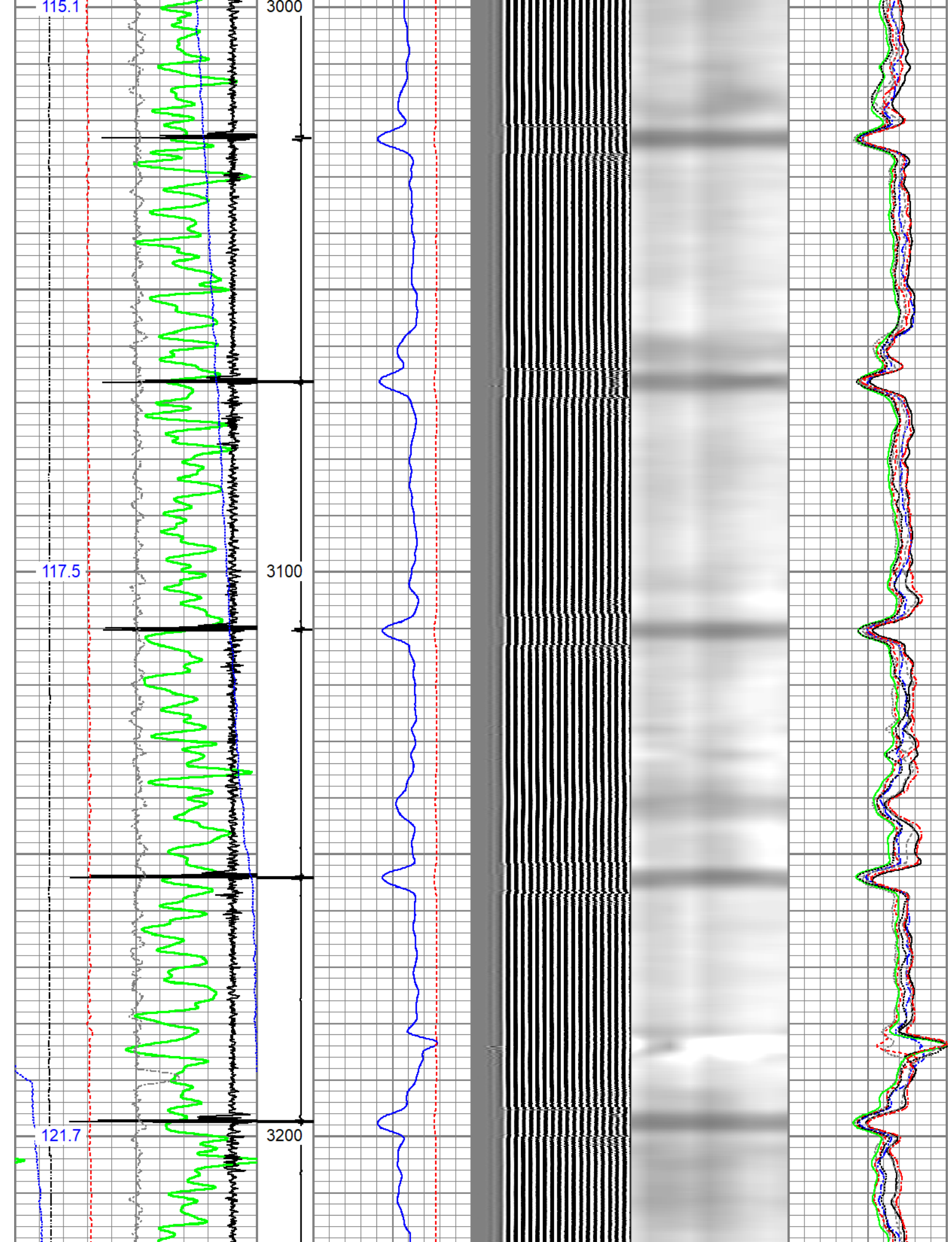


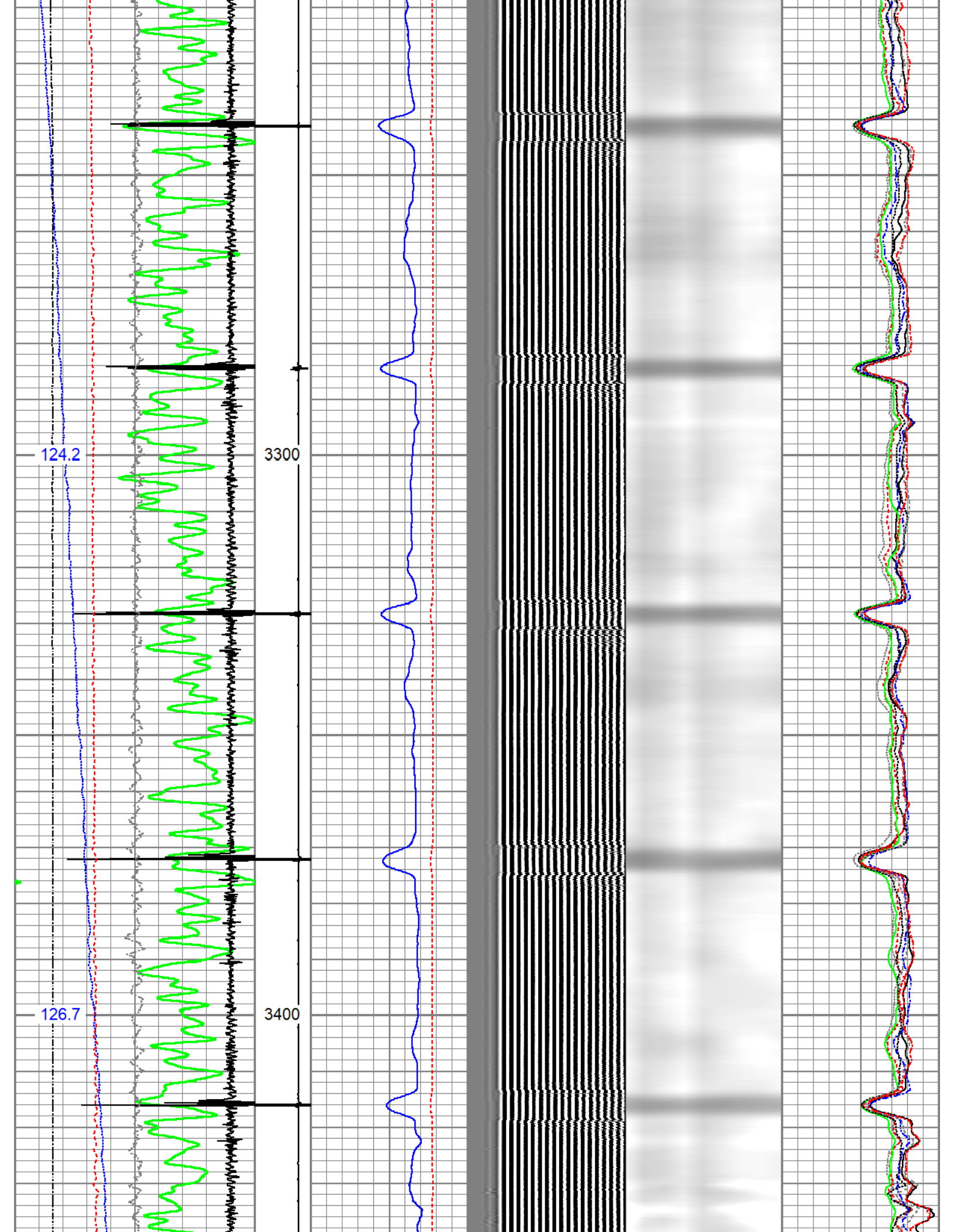


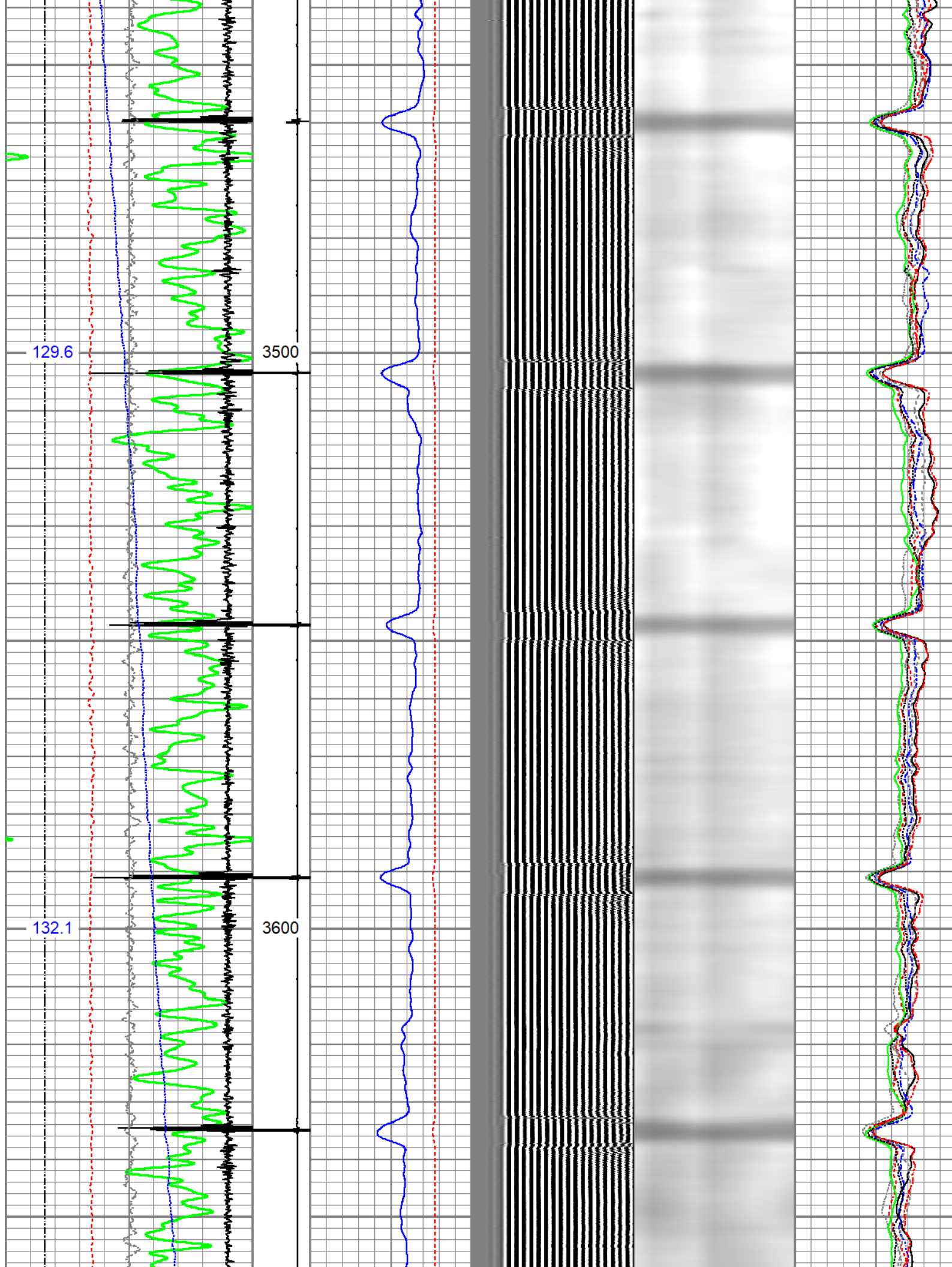


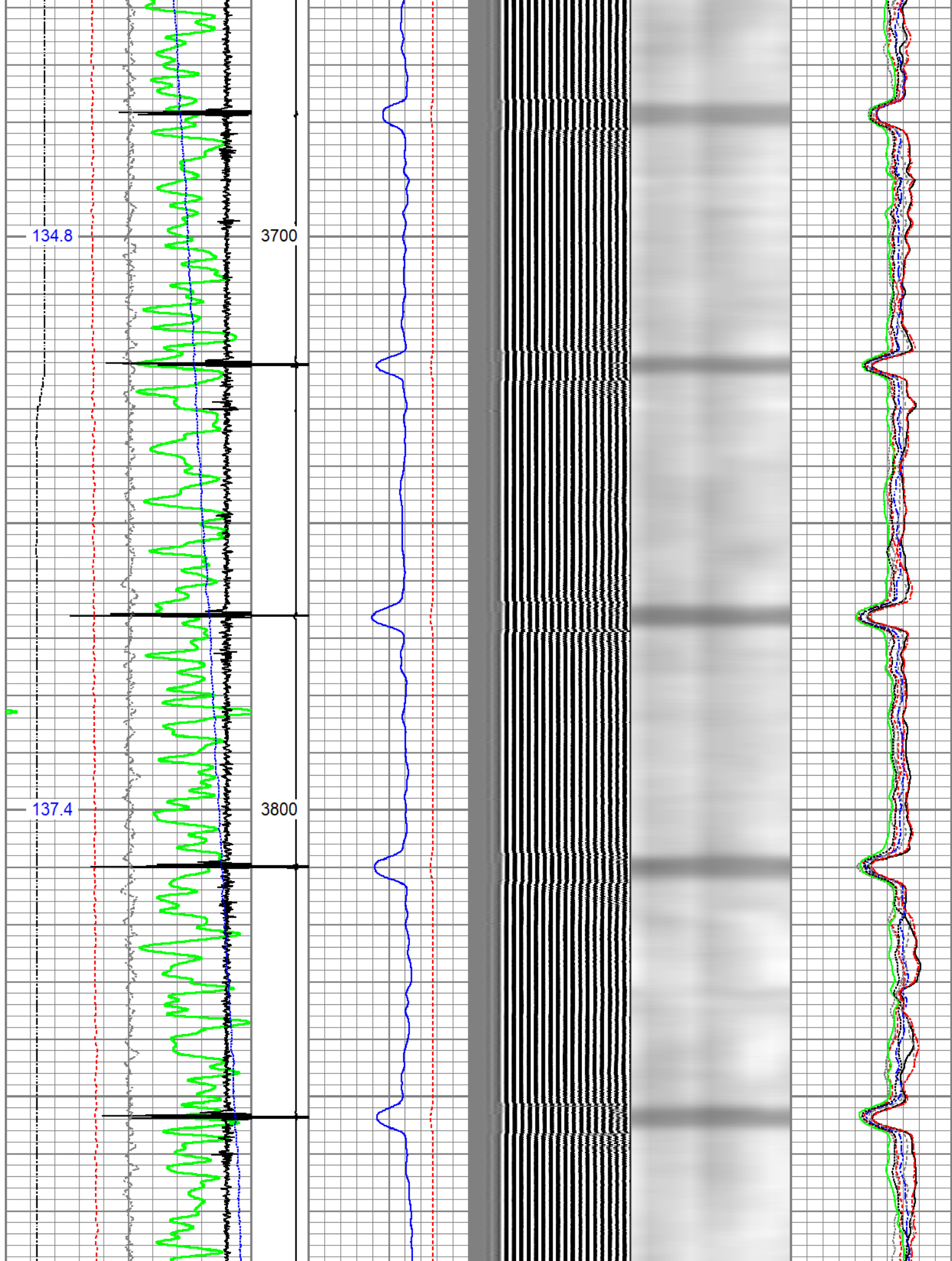


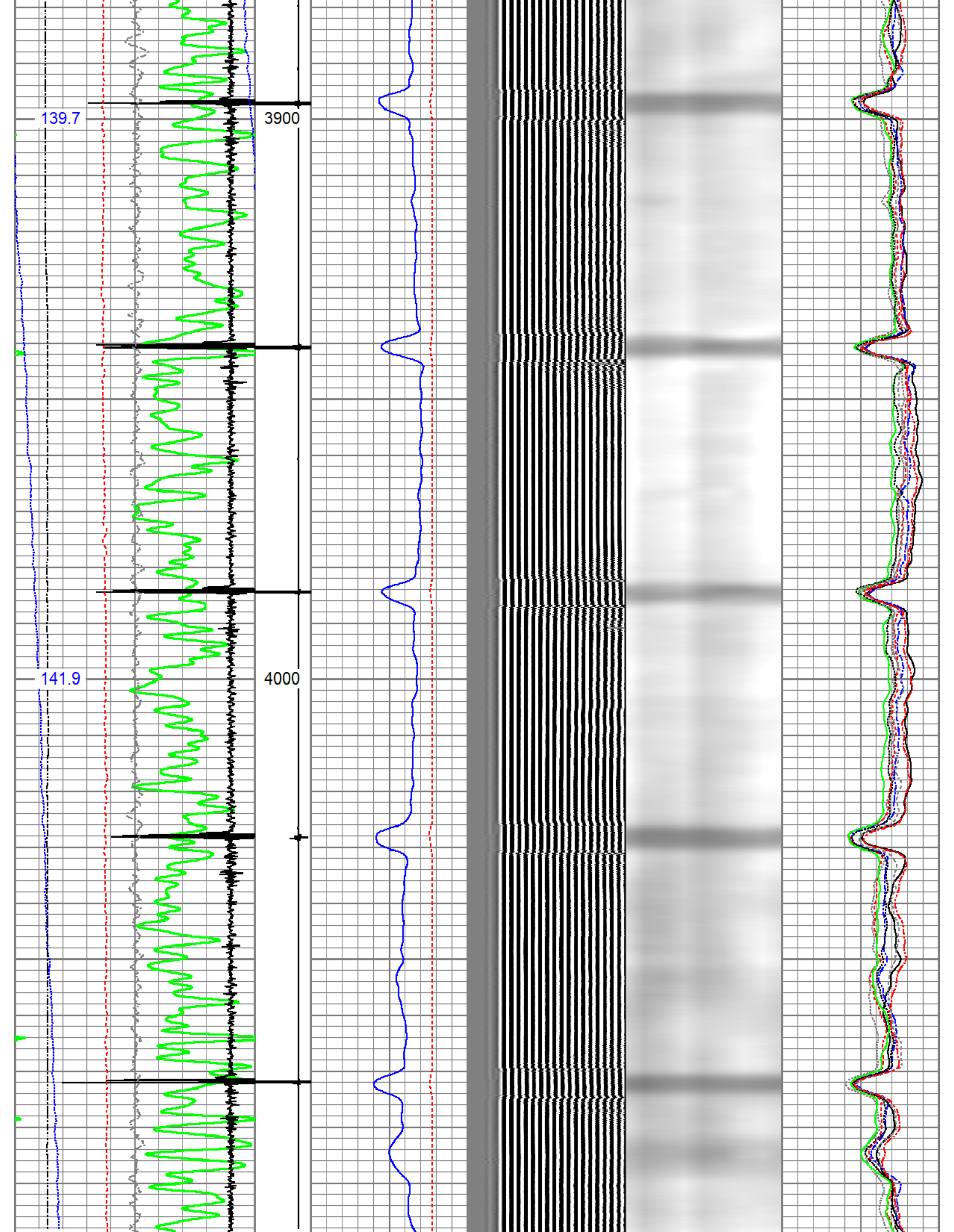


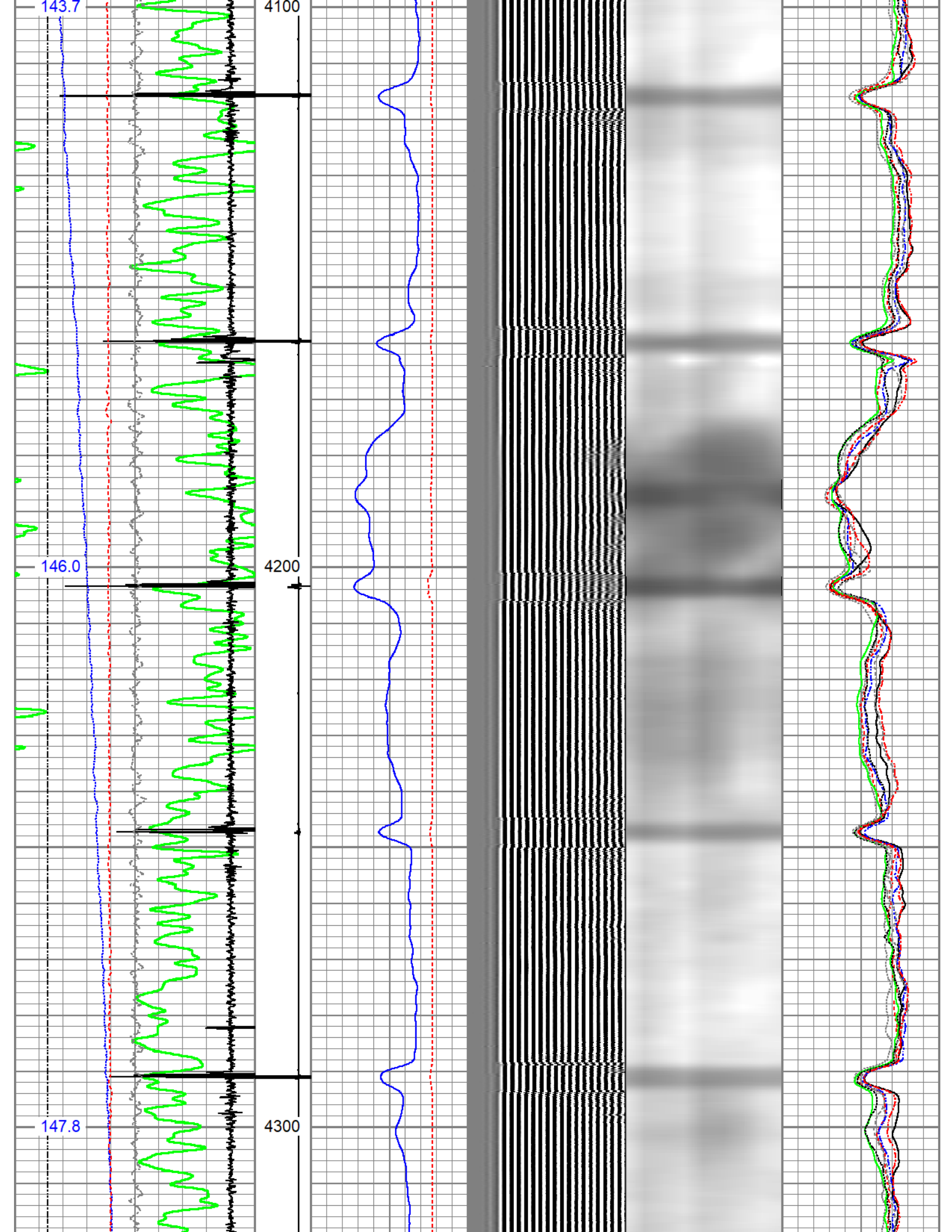


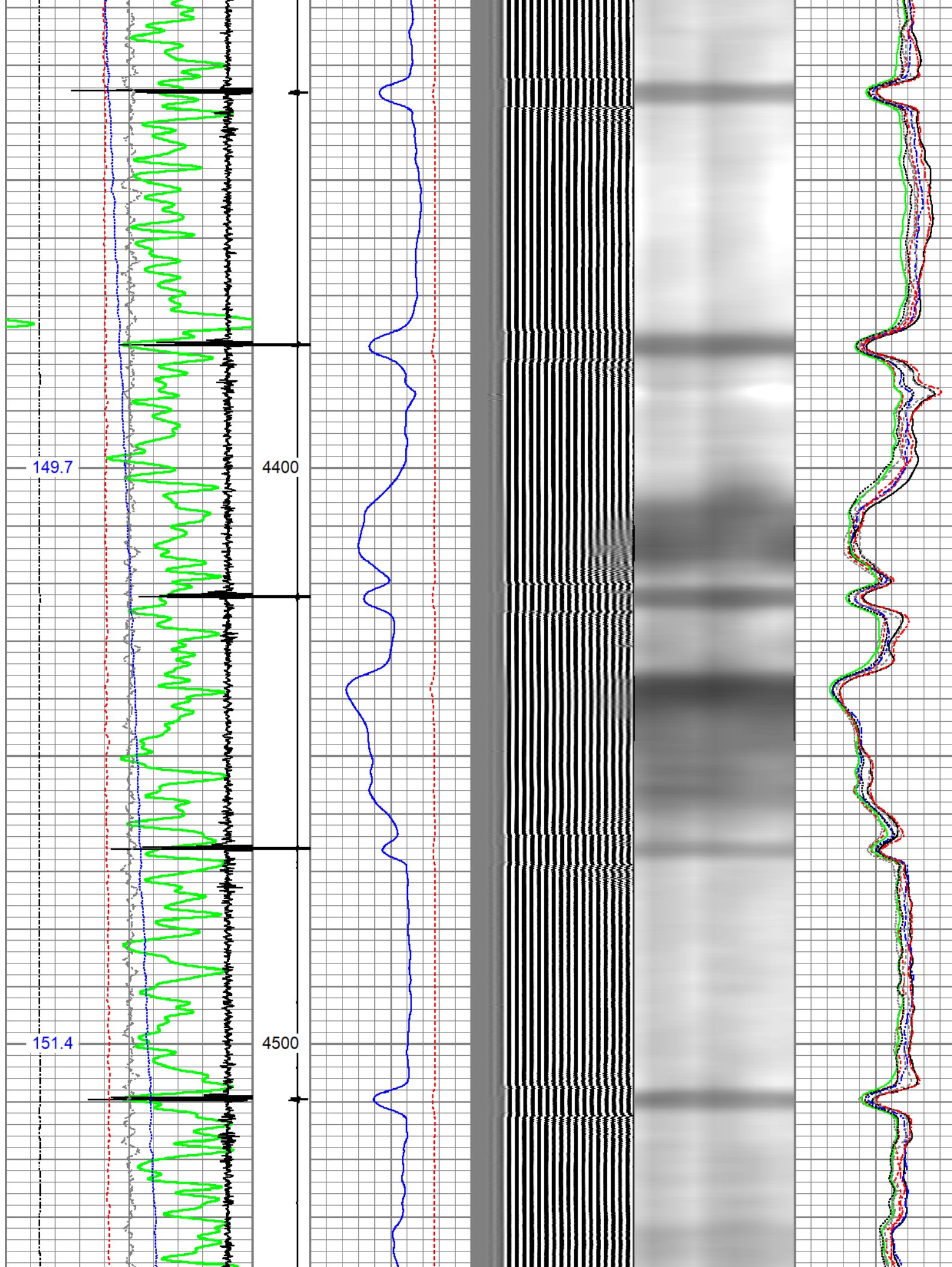


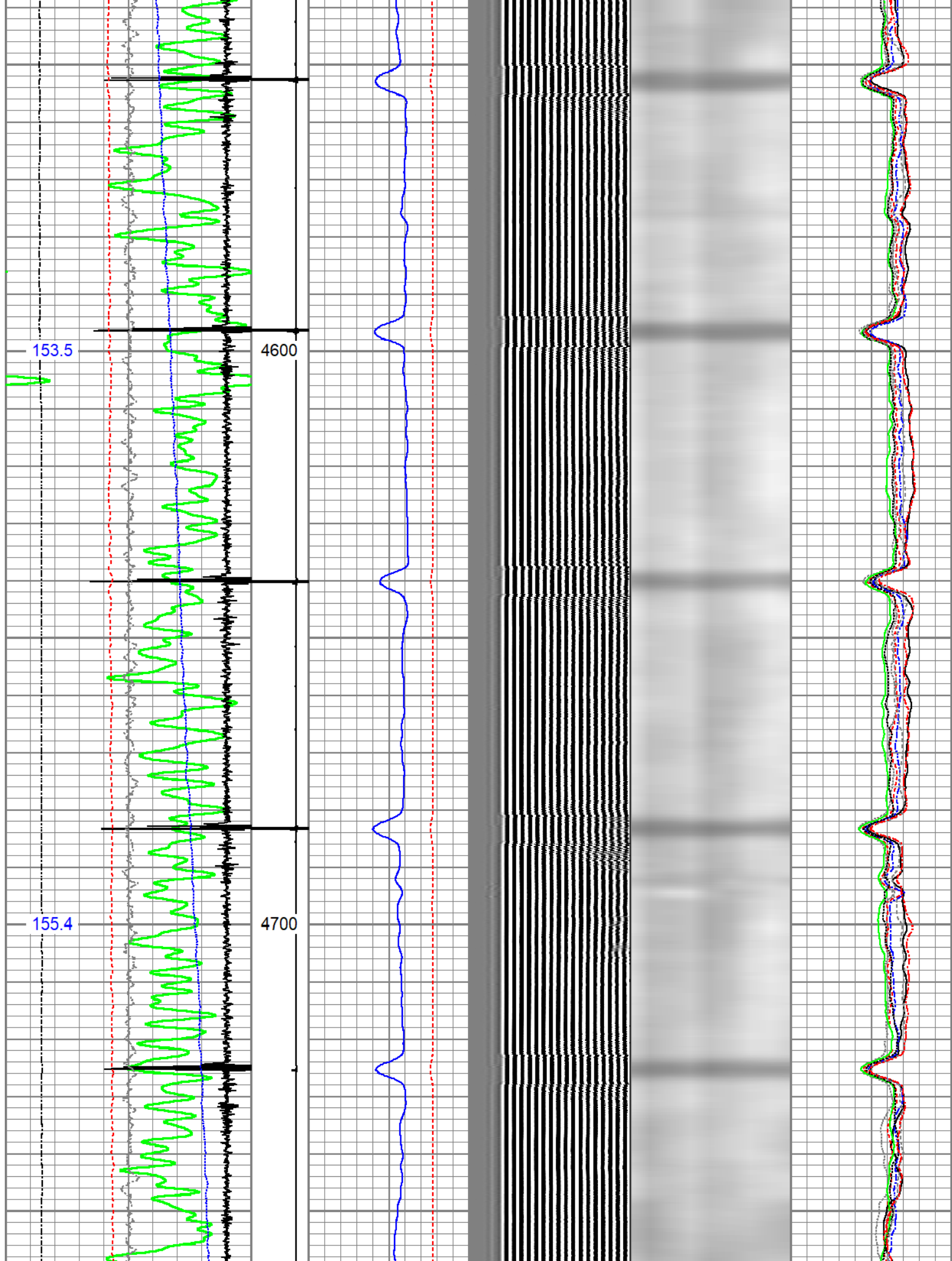


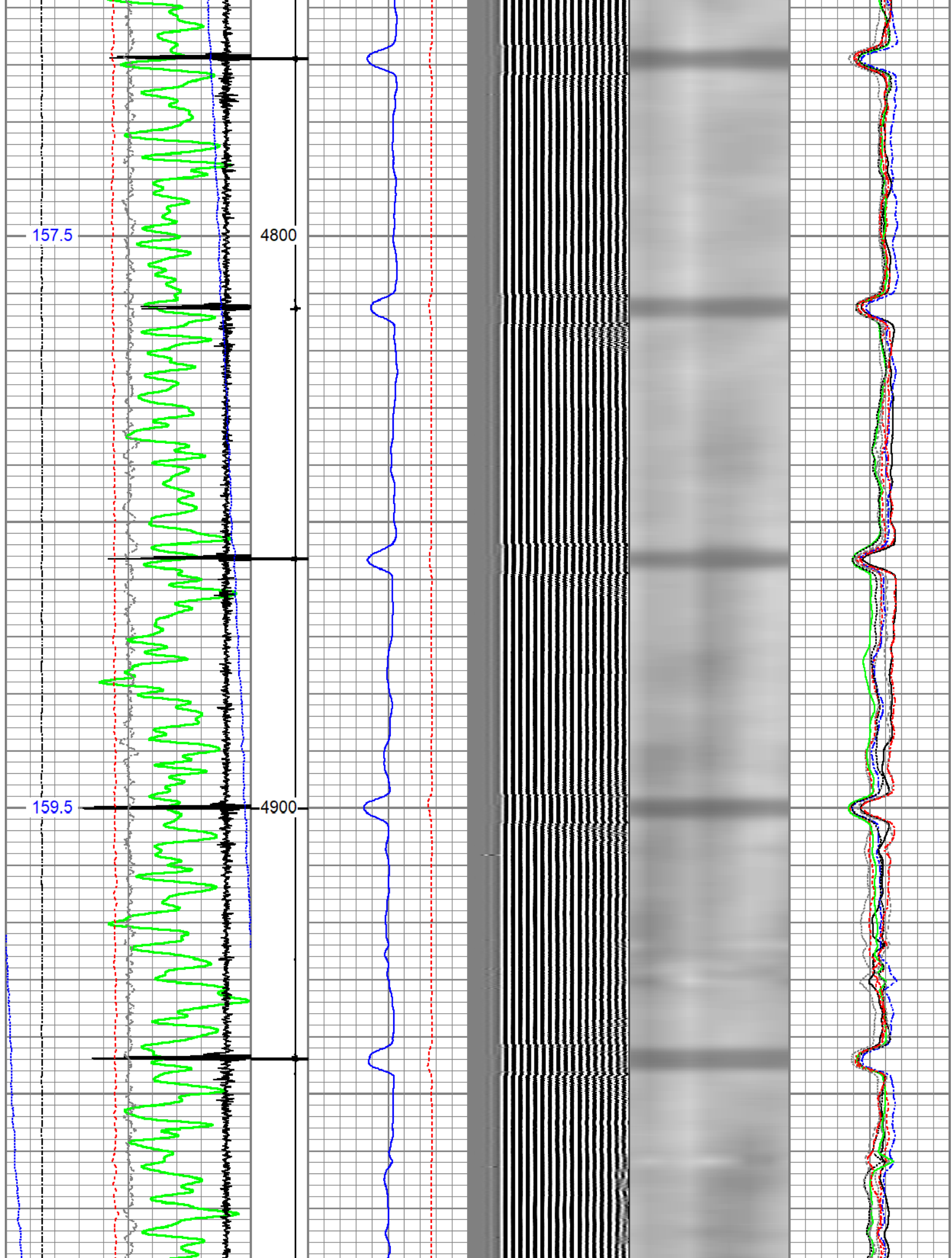


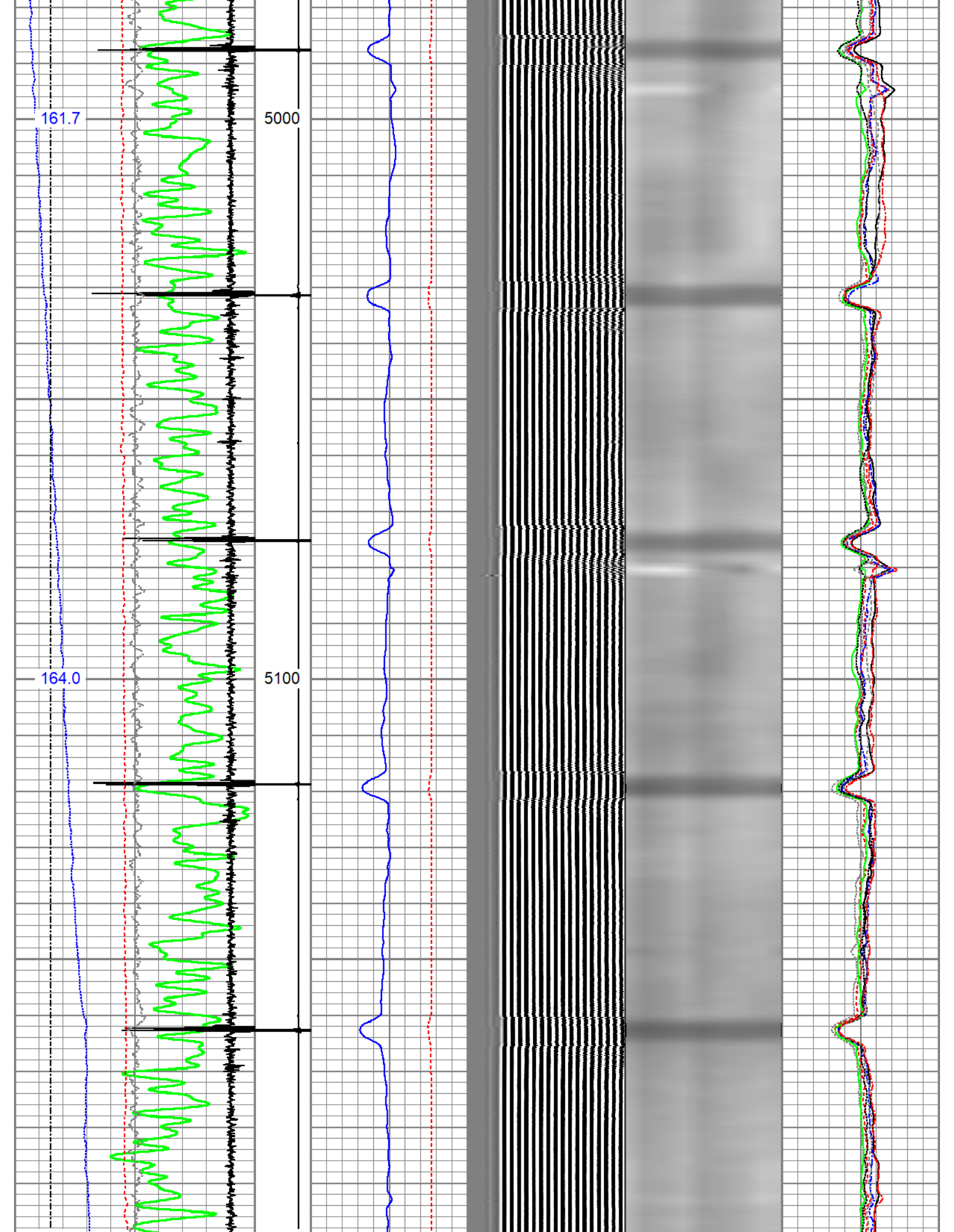


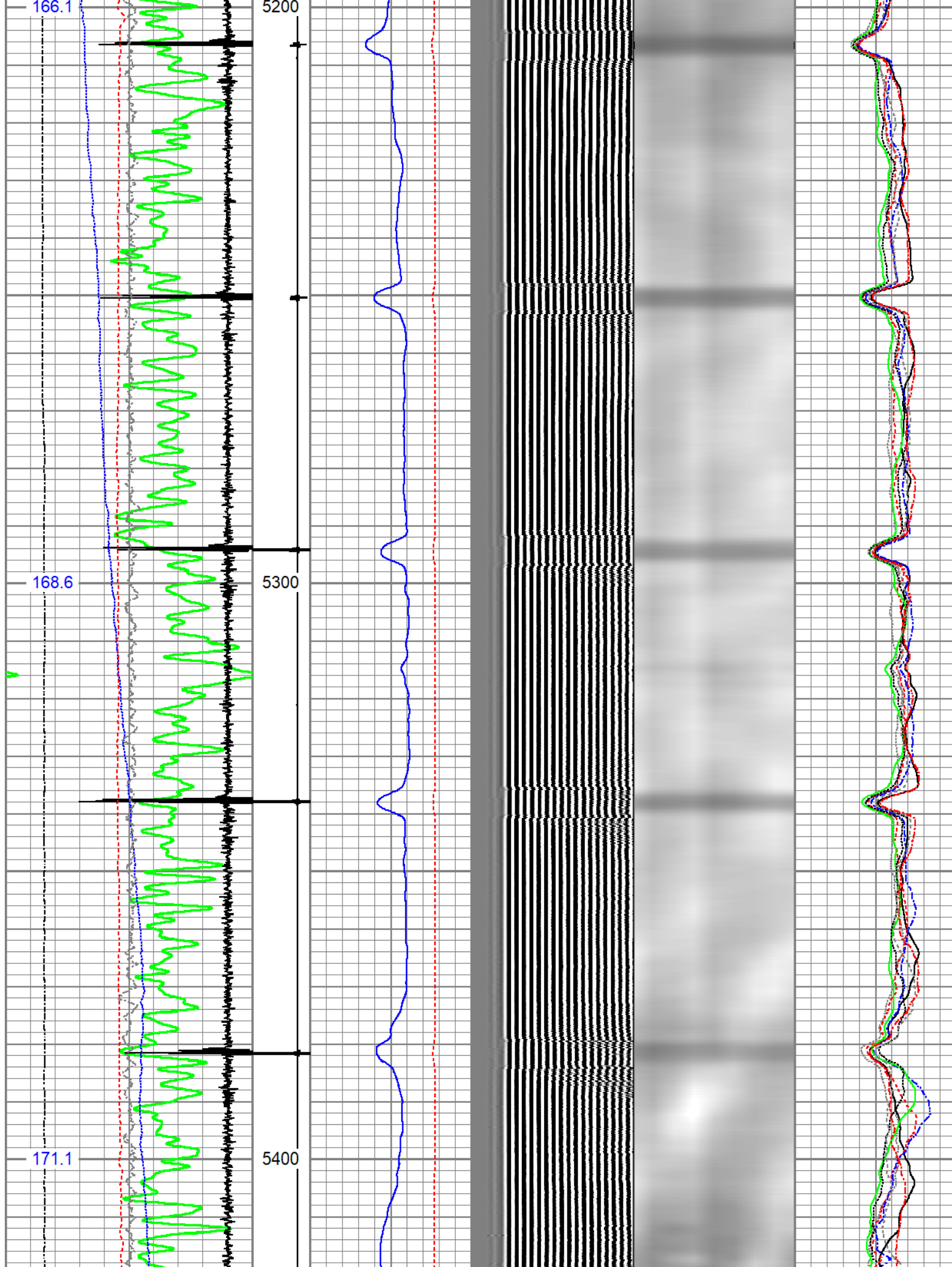


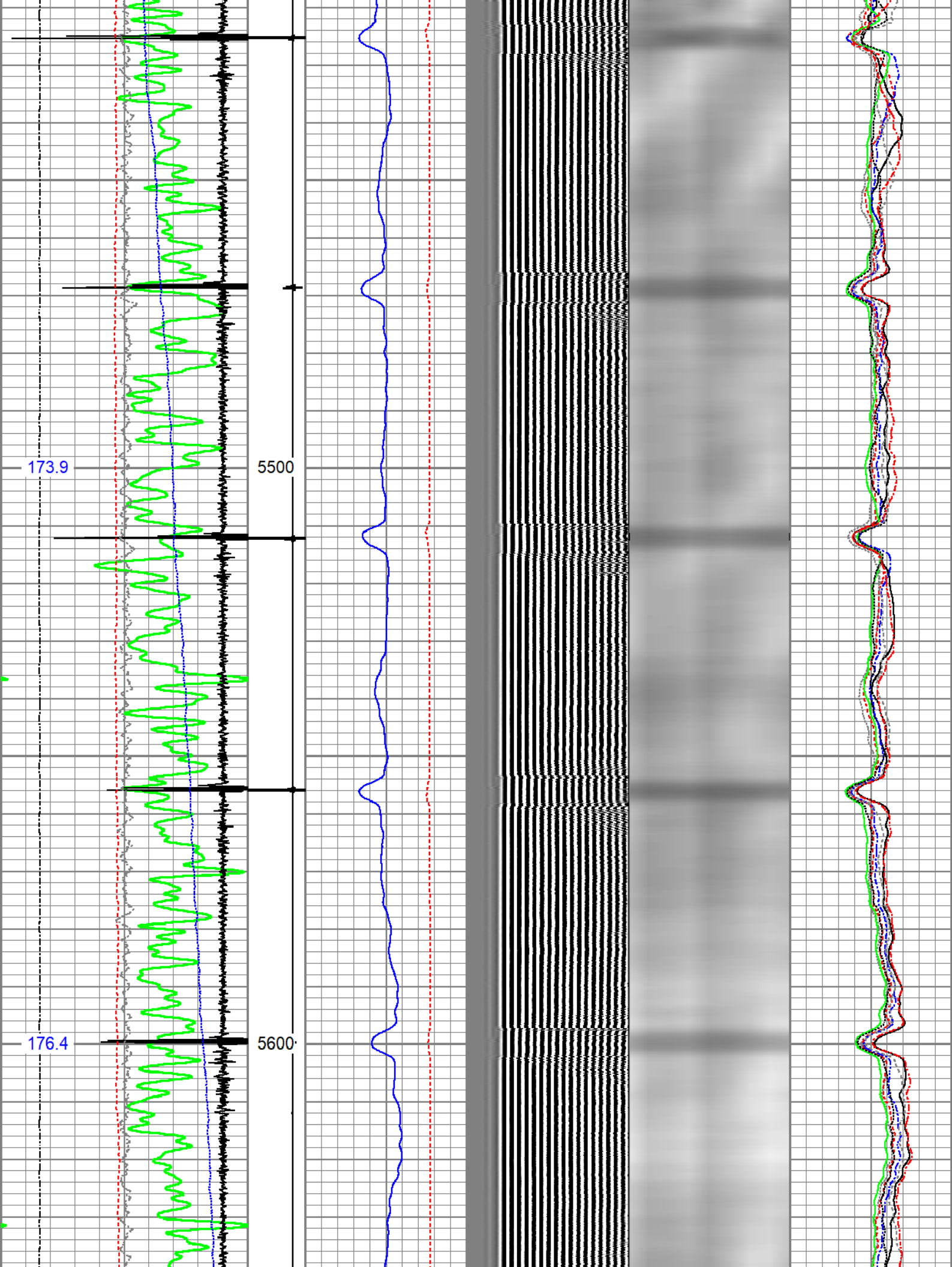




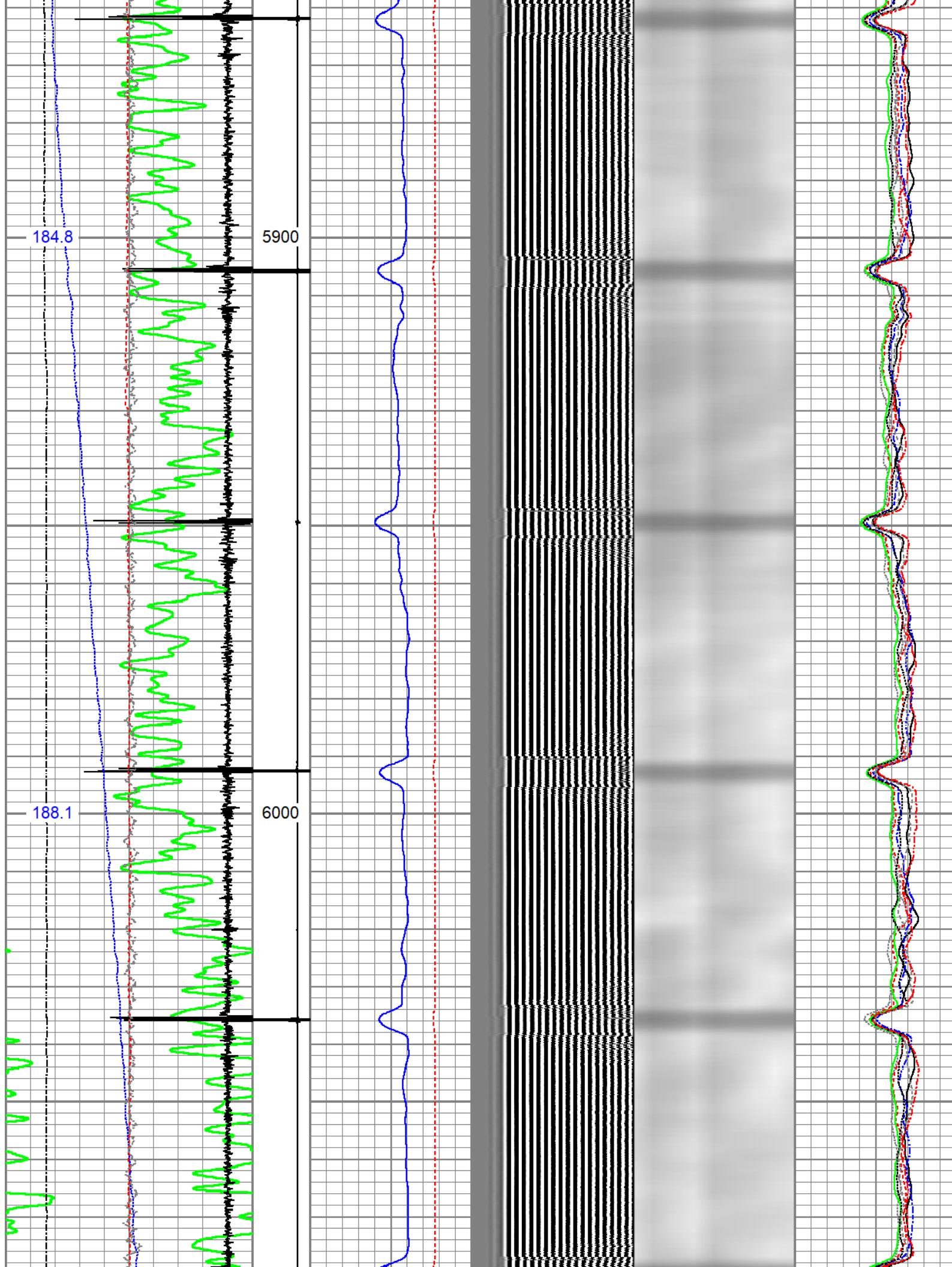


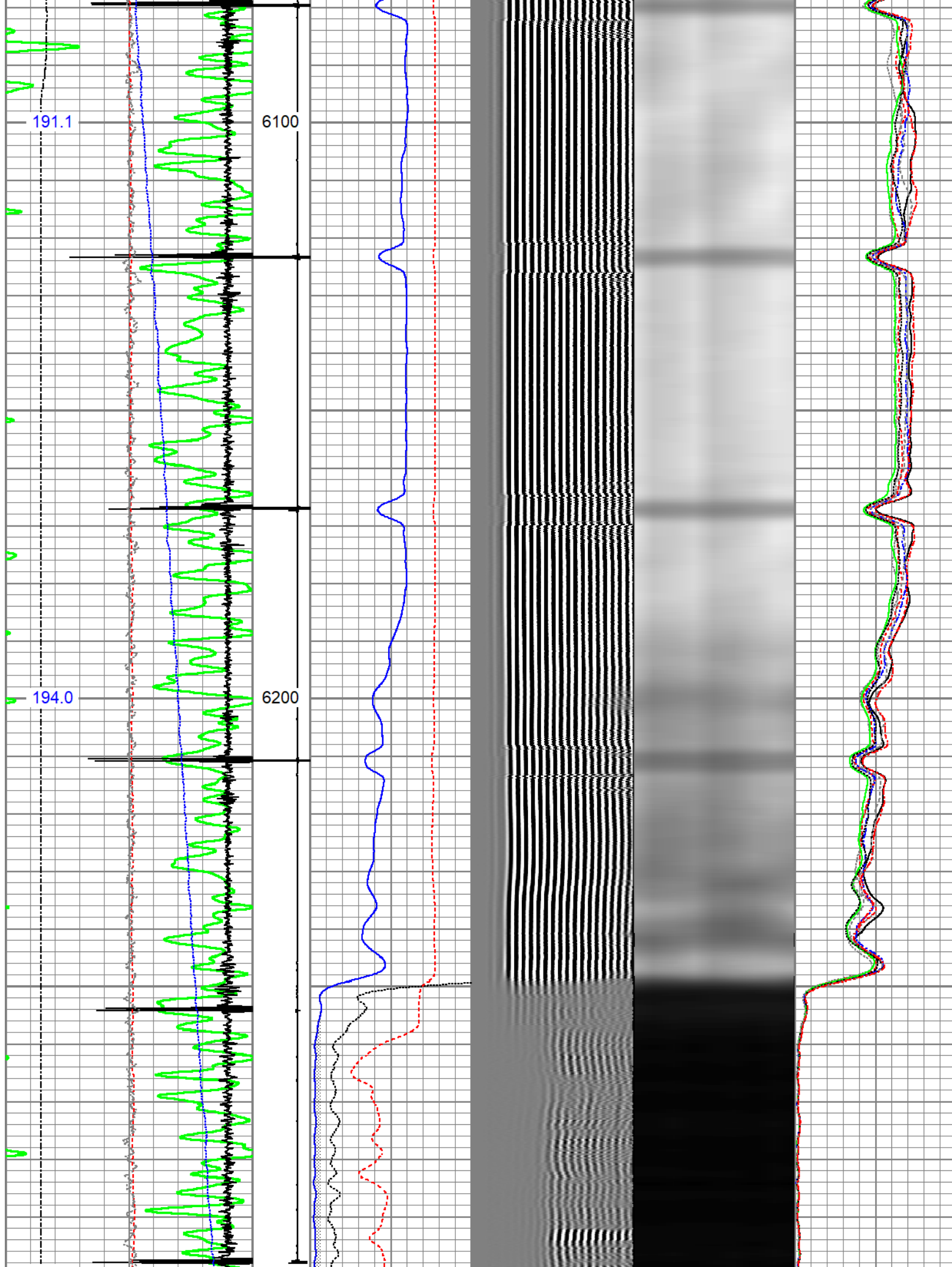


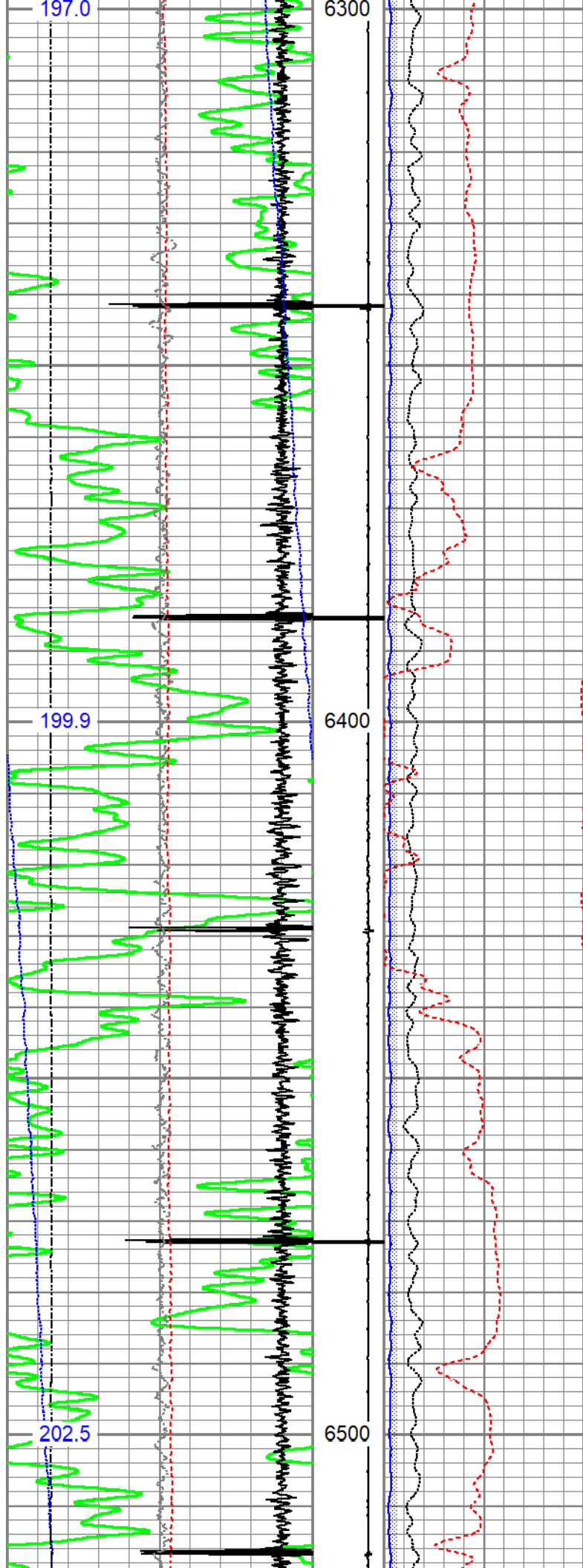


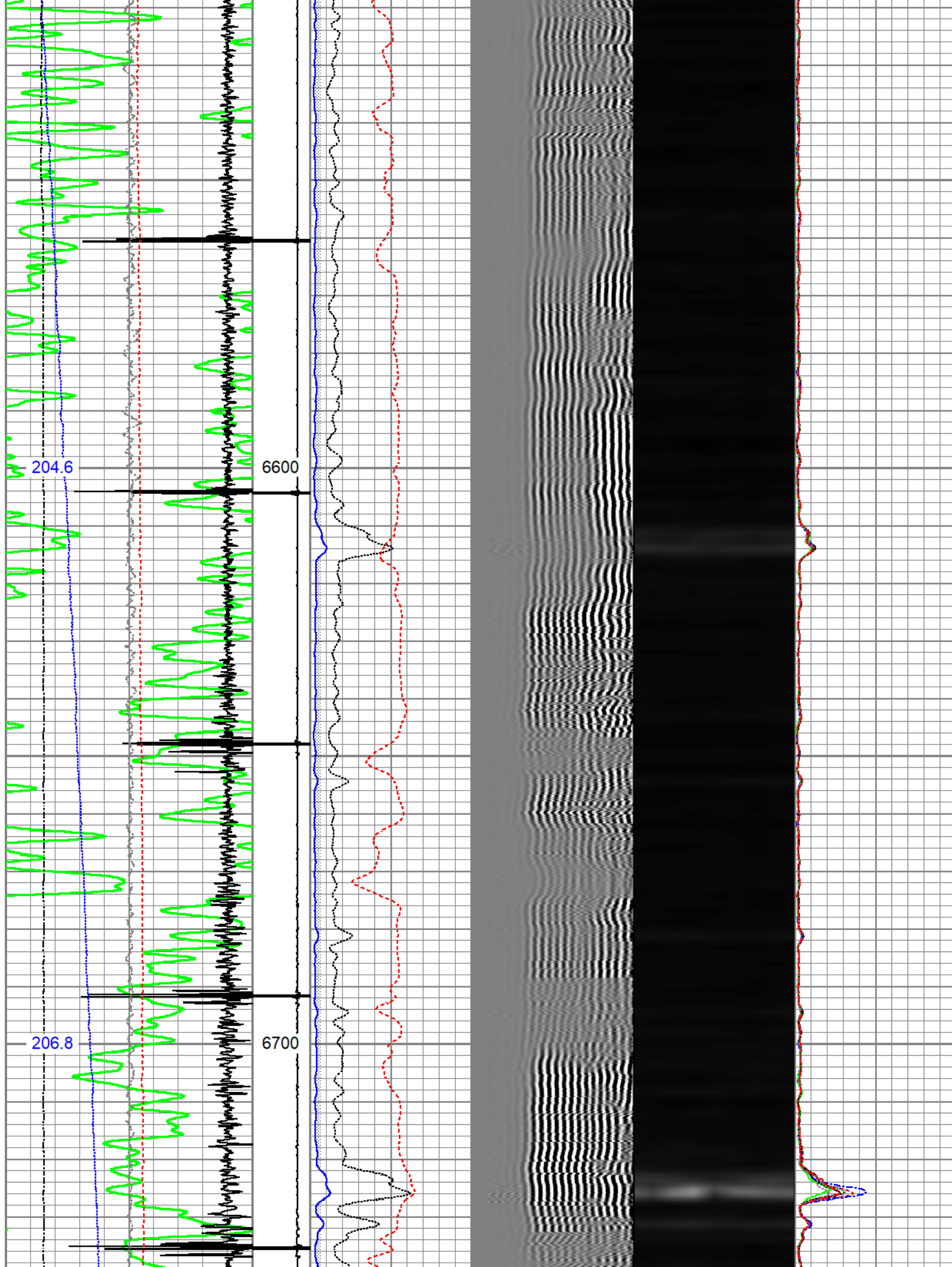


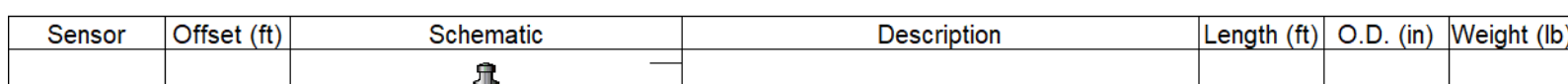












Serial Number:	FW1212-026	
Tool Model:	2750 GOB	
Performed:	Mon Oct 19 14:19:51 2020	
Calibrator Value:	637.0	GAPI
Background Reading:	113.7	cps
Calibrator Reading:	1029.1	cps
Sensitivity:	0.6959	GAPI/cps

Serial Number:	FW1305-096
Tool Model:	2750 RBT
Calibration Casing Diameter:	4.500
Calibration Depth:	259.243

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.512	0.800	81.196	157.177	0.797
CAL	0.000	0.901				
5'	-0.001	0.404	0.800	81.196	198.285	1.076
SUM						
S1	0.000	0.528	0.000	100.000	189.496	-0.002
S2	0.000	0.591	0.000	100.000	169.241	-0.001
S3	0.000	0.576	0.000	100.000	173.528	-0.002
S4	0.000	0.542	0.000	100.000	184.429	-0.002
S5	0.000	0.628	0.000	100.000	159.232	-0.003
S6	0.000	0.628	0.000	100.000	159.201	-0.003
S7	0.000	0.569	0.000	100.000	175.857	-0.001
S8	0.000	0.562	0.000	100.000	178.014	-0.003

	Raw (v)	Calibrated (v)	Results
	<u>Zero</u>	<u>Zero</u>	<u>Offset</u>
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:	FW1305-096
Tool Model:	2750 RBT
Performed:	Mon Oct 19 14:19:51 2020

	Reference	Reading
Low Reference:	100.00 degF	109.43 degF
High Reference:	350.00 degF	405.87 degF
Gain:	0.84	
Offset:	7.72	
Delta Spacing	1	



Company	Civitas
Well	COLORADO STATE 16-11-OWP
Field	ZENITH
County	ADAMS
State	Colorado