



CEMENT EVALUATION LOG RADII TOOL FIELD PRINT

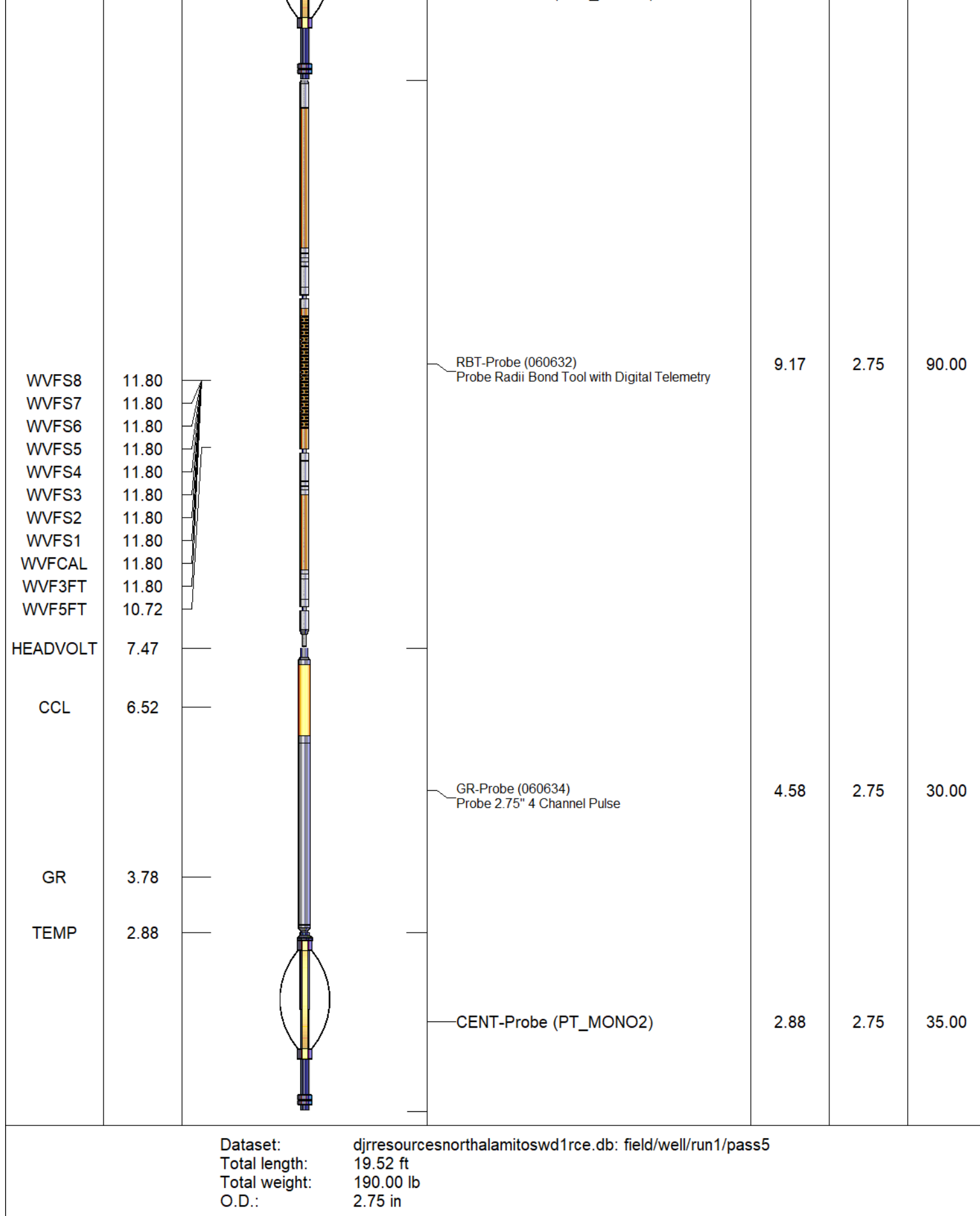
Company		DJR OPERATING LLC	
Well		NORTH ALAMITO SWD #1	
Field		NORTH ALAMITO	
County		SAN JUAN	
State		NEW MEXICO	
Country		USA	
Company		DJR OPERATING LLC	
Well		NORTH ALAMITO SWD #1	
Field		NORTH ALAMITO	
County		SAN JUAN	
State		NEW MEXICO	
Country		USA	
Location:		API #: 30-045-38185	
Permanent Datum		G.L.	
Log Measured From		R.K.B.14'	
Drilling Measured From		R.K.B.	
SEC 5		TWP 23N	
RGE 5W		Elevation 6937'	
Other Services		Elevation	
K.B. 6951'		D.F. 6950'	
G.L. 6937'			
Date		10-27-2020	
Run Number		1	
Depth Driller		7277'	
Depth Logger		7198'	
Bottom Logged Interval		7198'	
Top Log Interval		SURF	
Open Hole Size		8-3/4"	
Type Fluid		H2O	
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top			
Time Well Ready		9:15 AM	
Time Logger on Bottom		9:30 AM	
Equipment Number		SDS RCE 32 GAMMA34	
Location		FARM.	
Recorded By		J.LANDEROS	
Witnessed By		MR.TERRY THOMAS	
Borehole Record		Tubing Record	
Run Number		Bit	
From		To	
Size		Weight	
From		To	
Casing Record		Size	
Surface String		9-5/8"	
Prot. String		36# J-55 STC	
Production String		7"	
Liner		26# P-110 LTC	
		SURF	
		7273'	

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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.

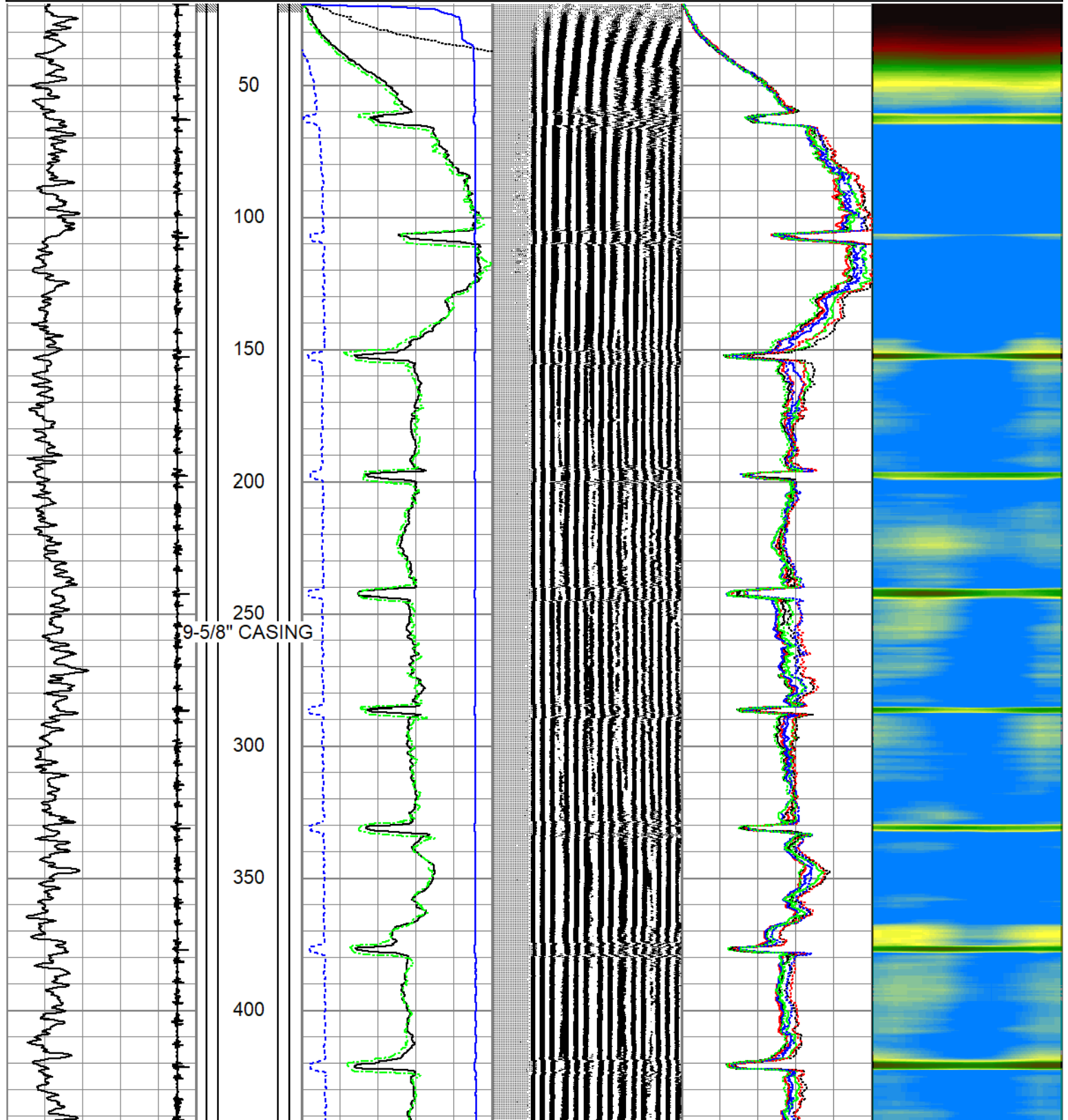
Comments

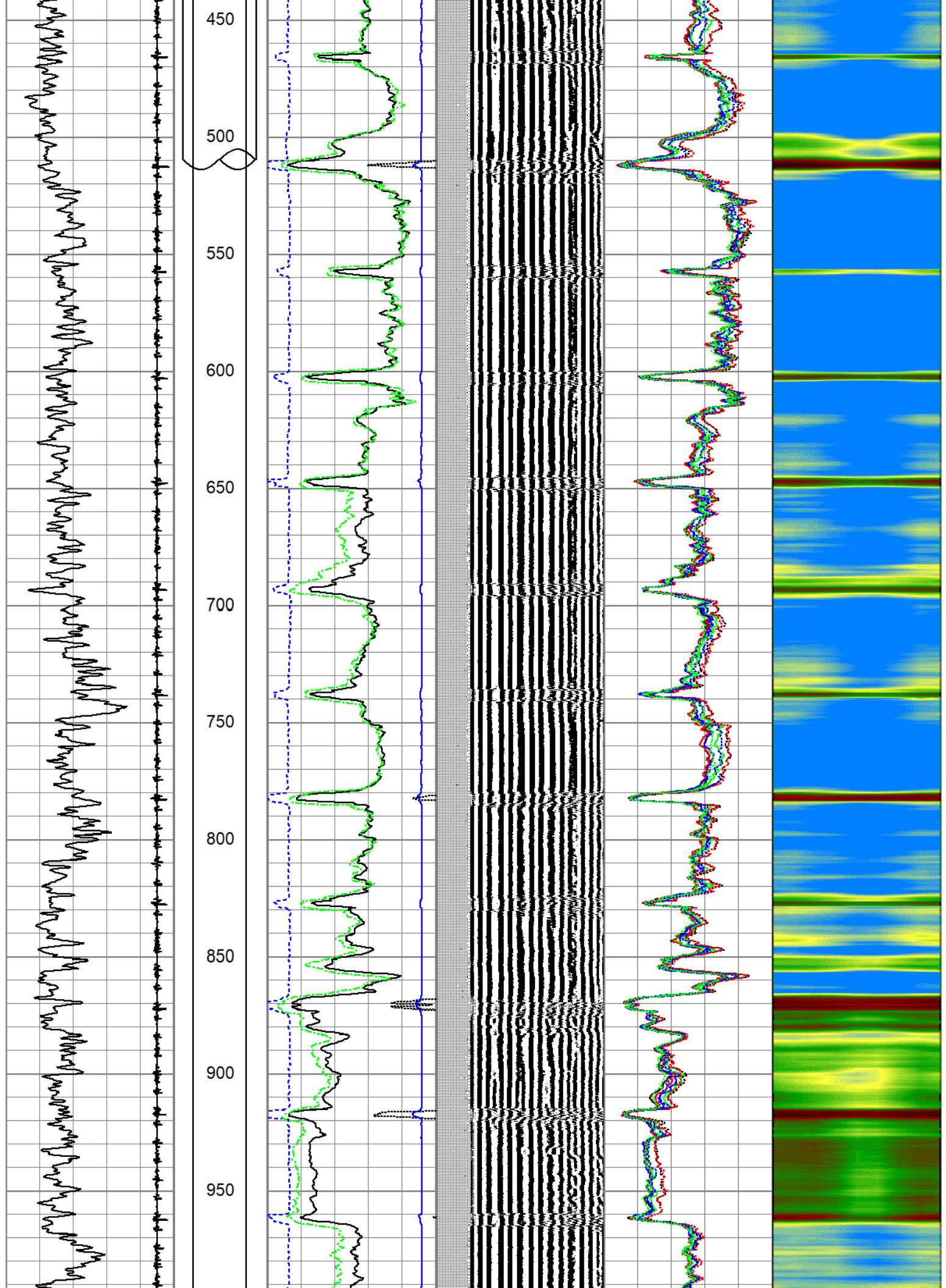
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-Probe (PTS_MONO)	2.88	2.75	35.00

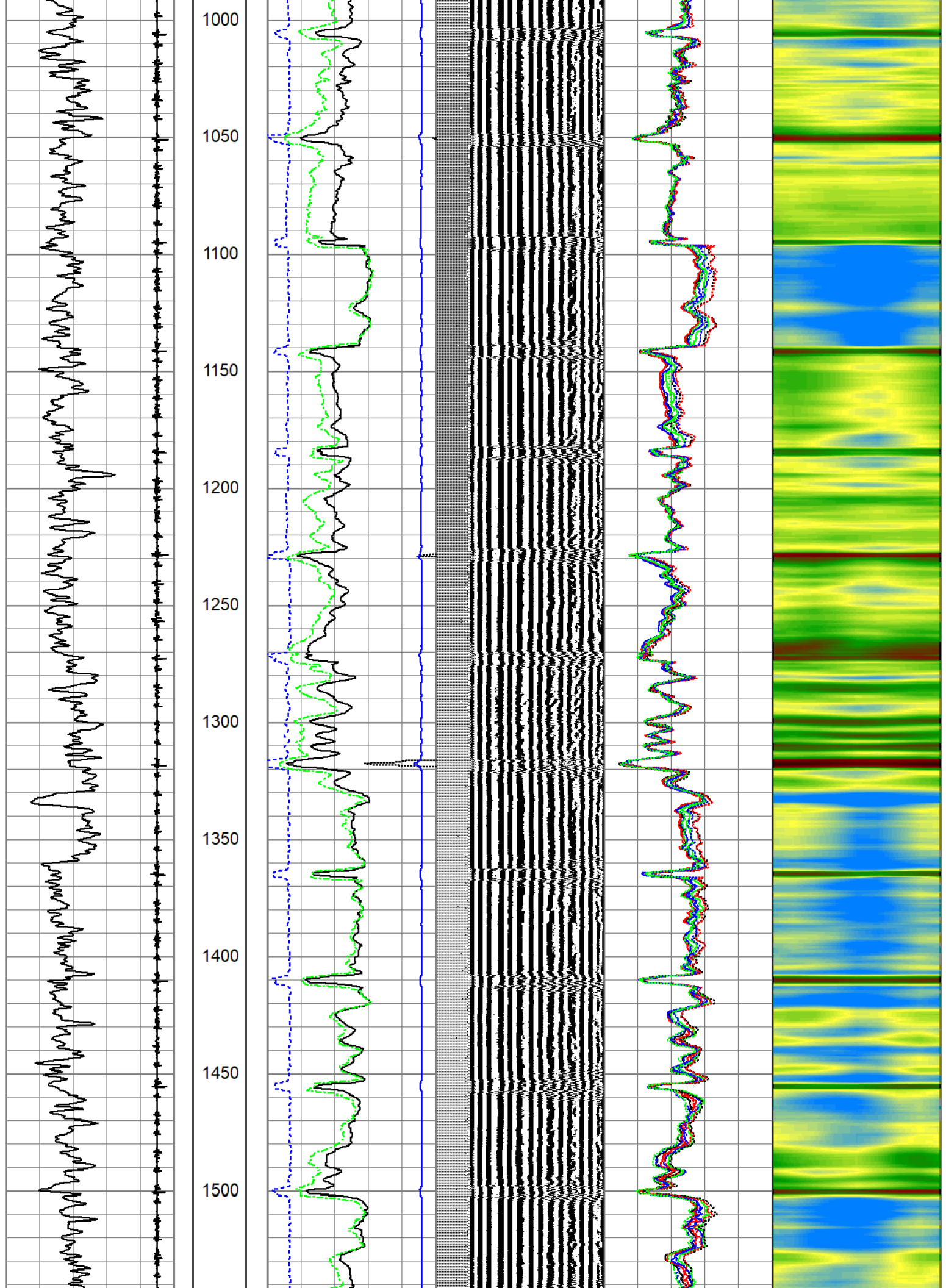


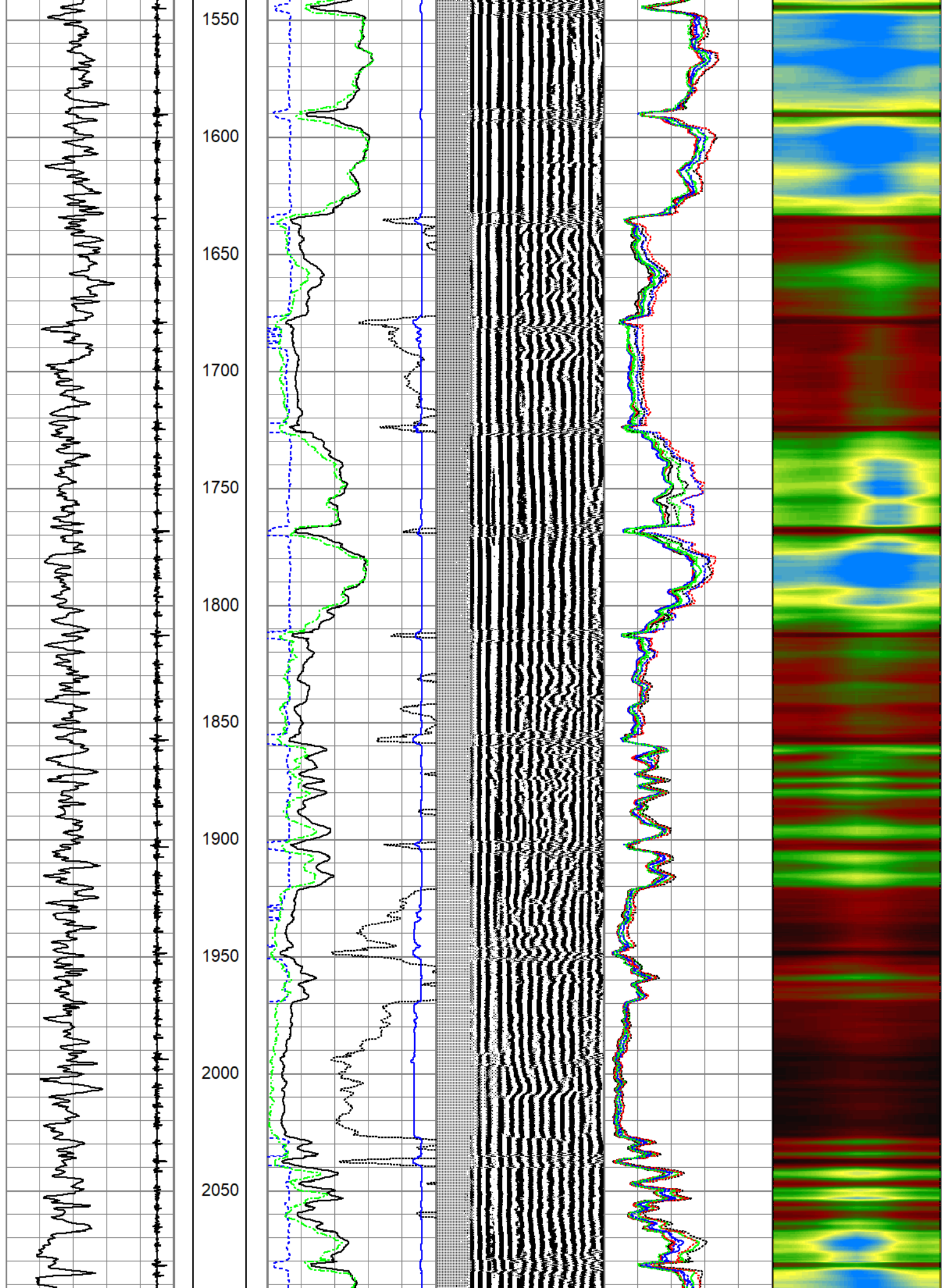
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 Dataset Pathname pass5
 Presentation Format rst7inplo
 Dataset Creation Tue Oct 27 09:45:59 2020
 Created by [Name]

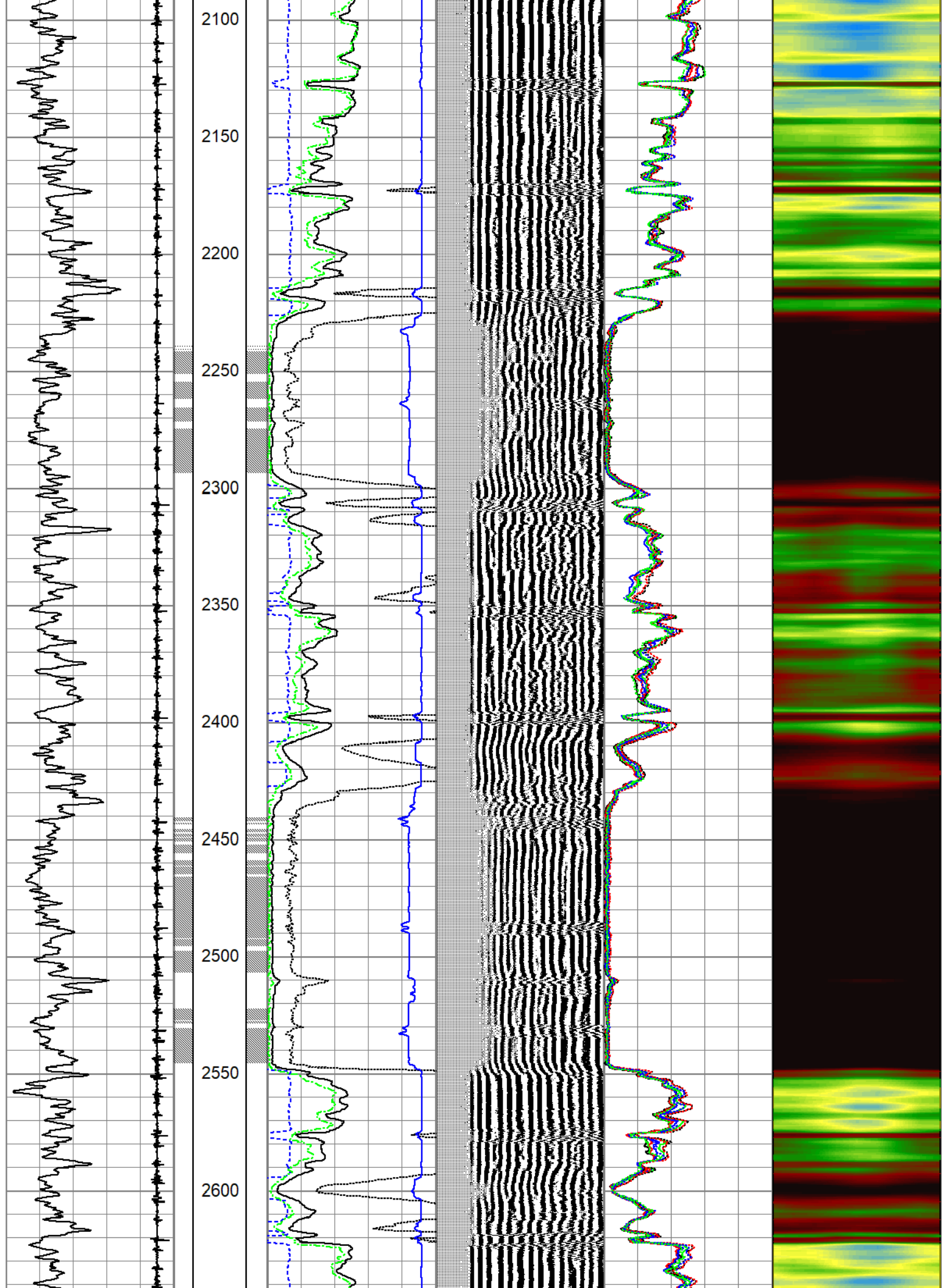
GAMMA RAY		3' AMPLITUDE		VDL		0	AMPS1	80	1 Cement Map 8
0	(GAPI) 200	0	(mV) 80	200	(usec) 1200	0	AMPS2	80	
CASING COLLAR		0	AMP X5 (mV) 16			0	AMPS3	80	
-9	1	TRAVEL TIME X10				0	AMPS4	80	
		300	(usec) 200			0	AMPS5	80	
		5' AMPLITUDE				0	AMPS6	80	
		0	(mV) 80			0	AMPS7	80	
		Travel Time				0	AMPS8	80	
		1200	(usec) 200						

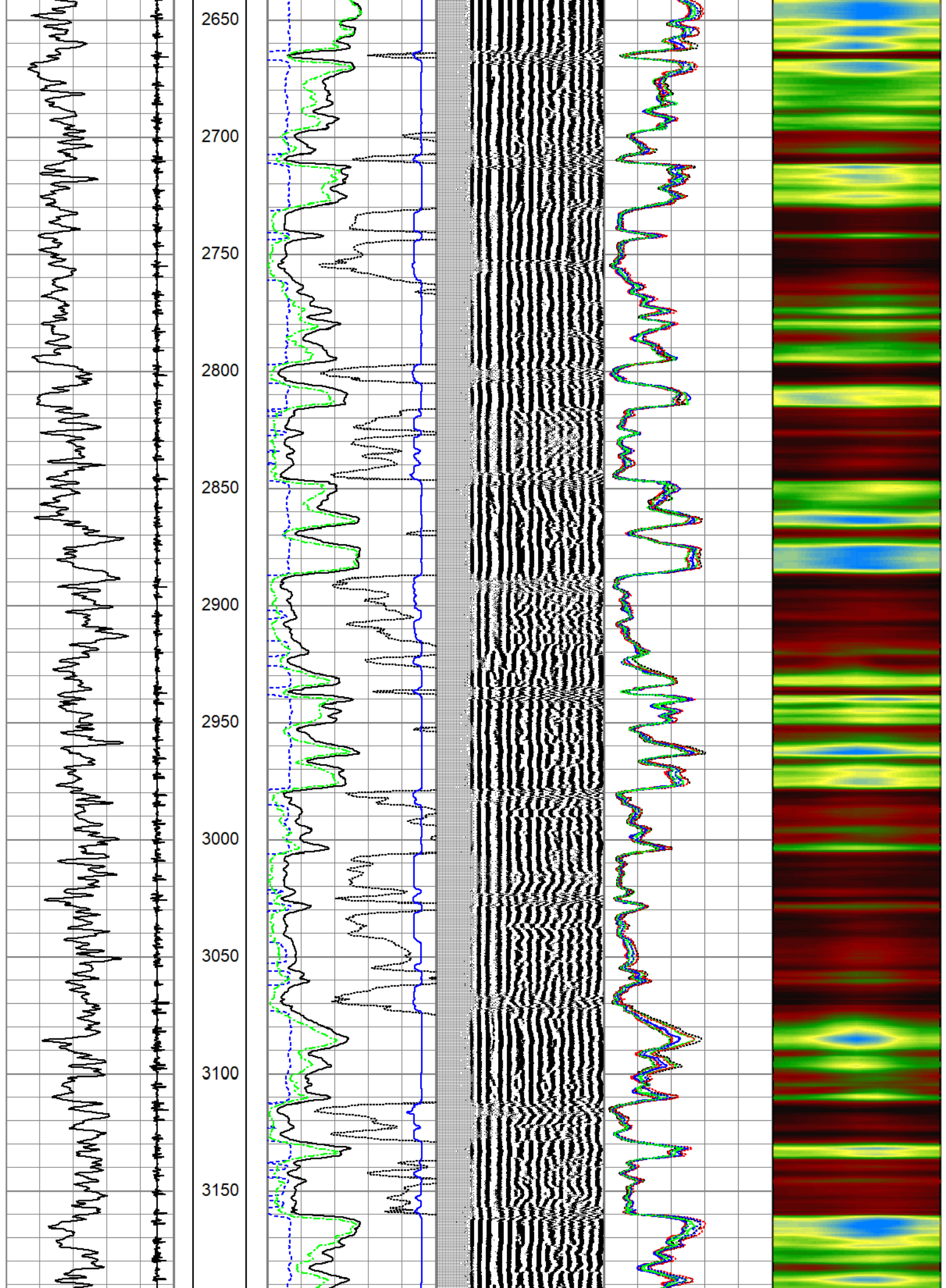


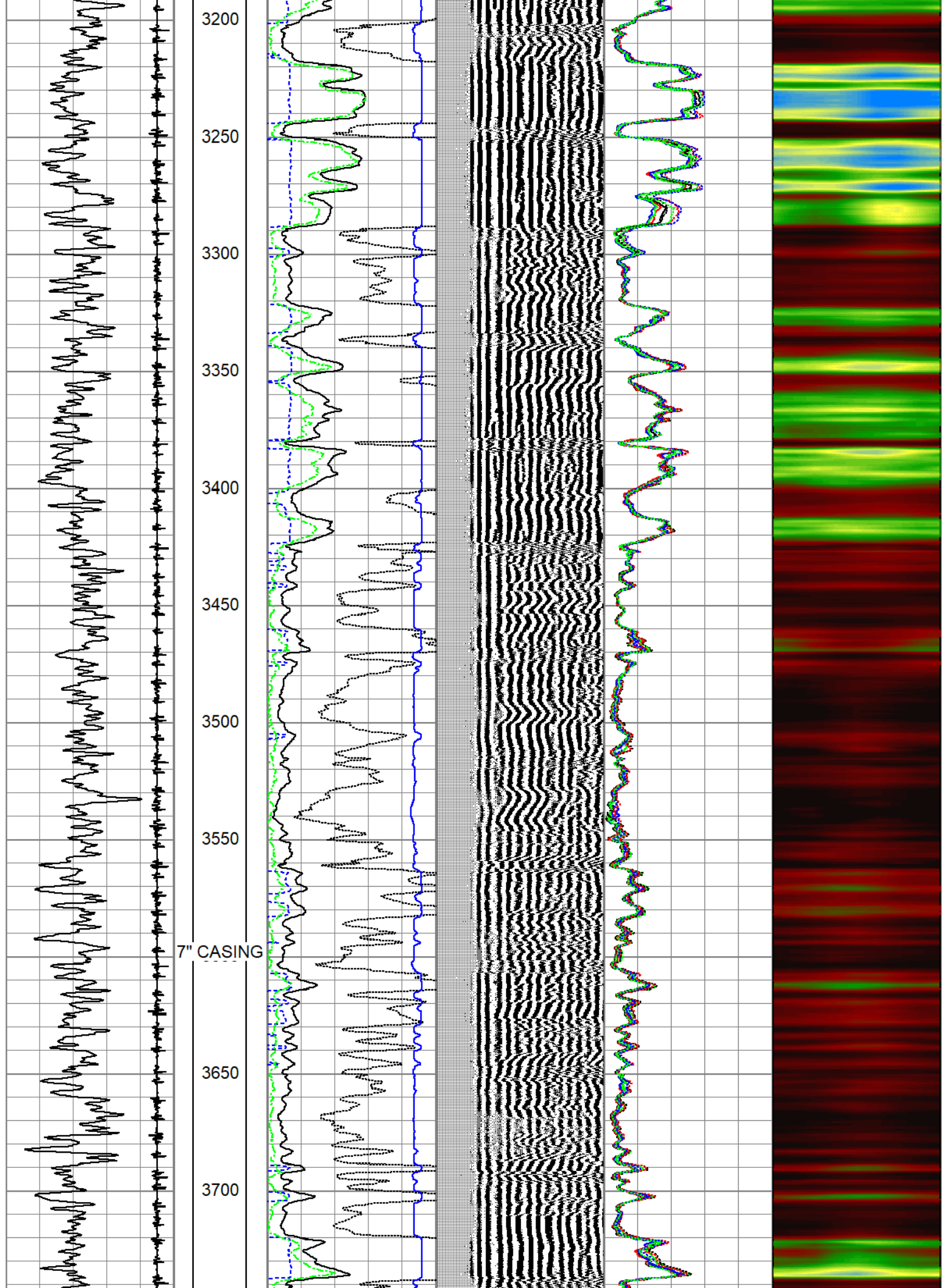


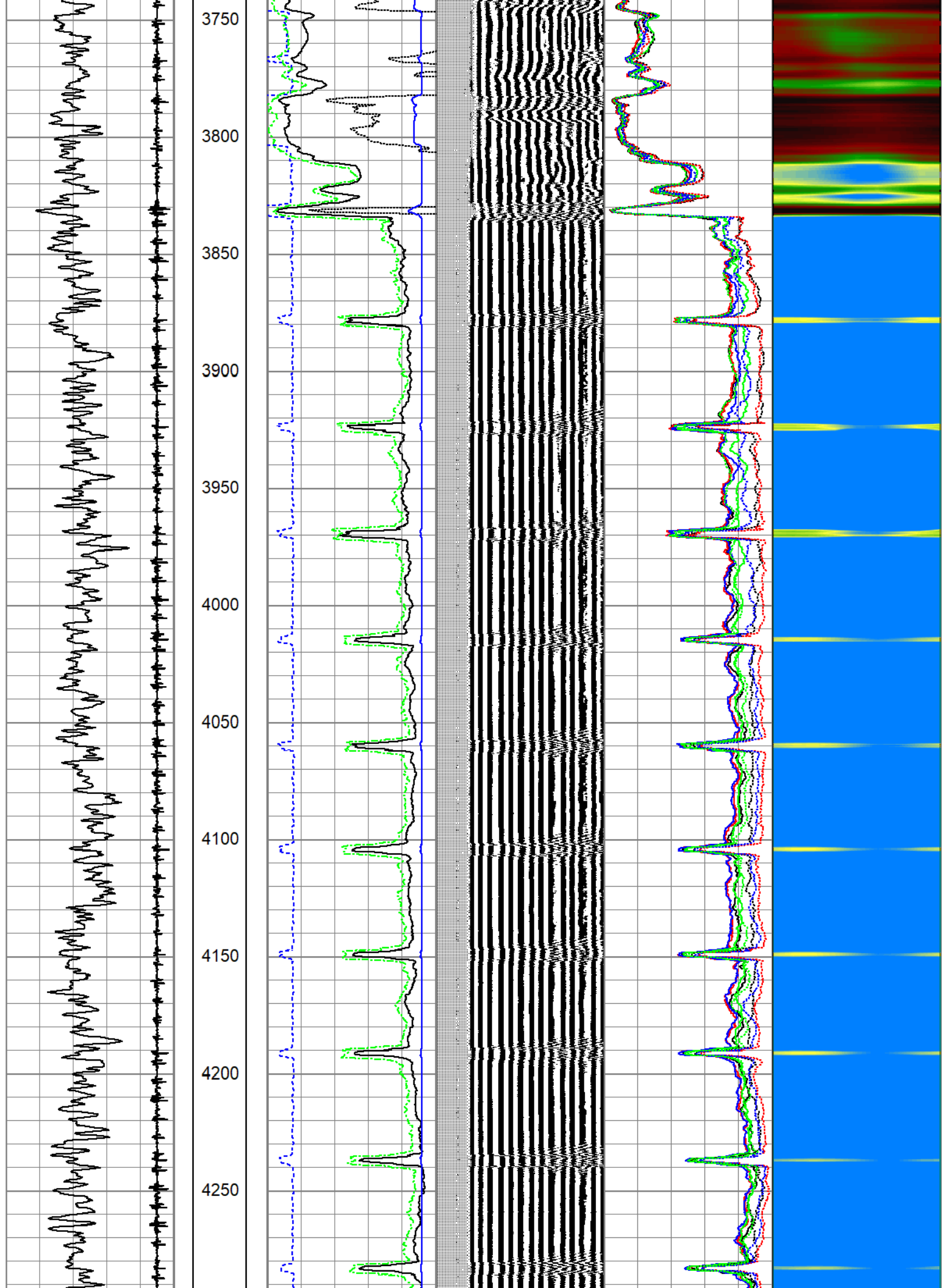


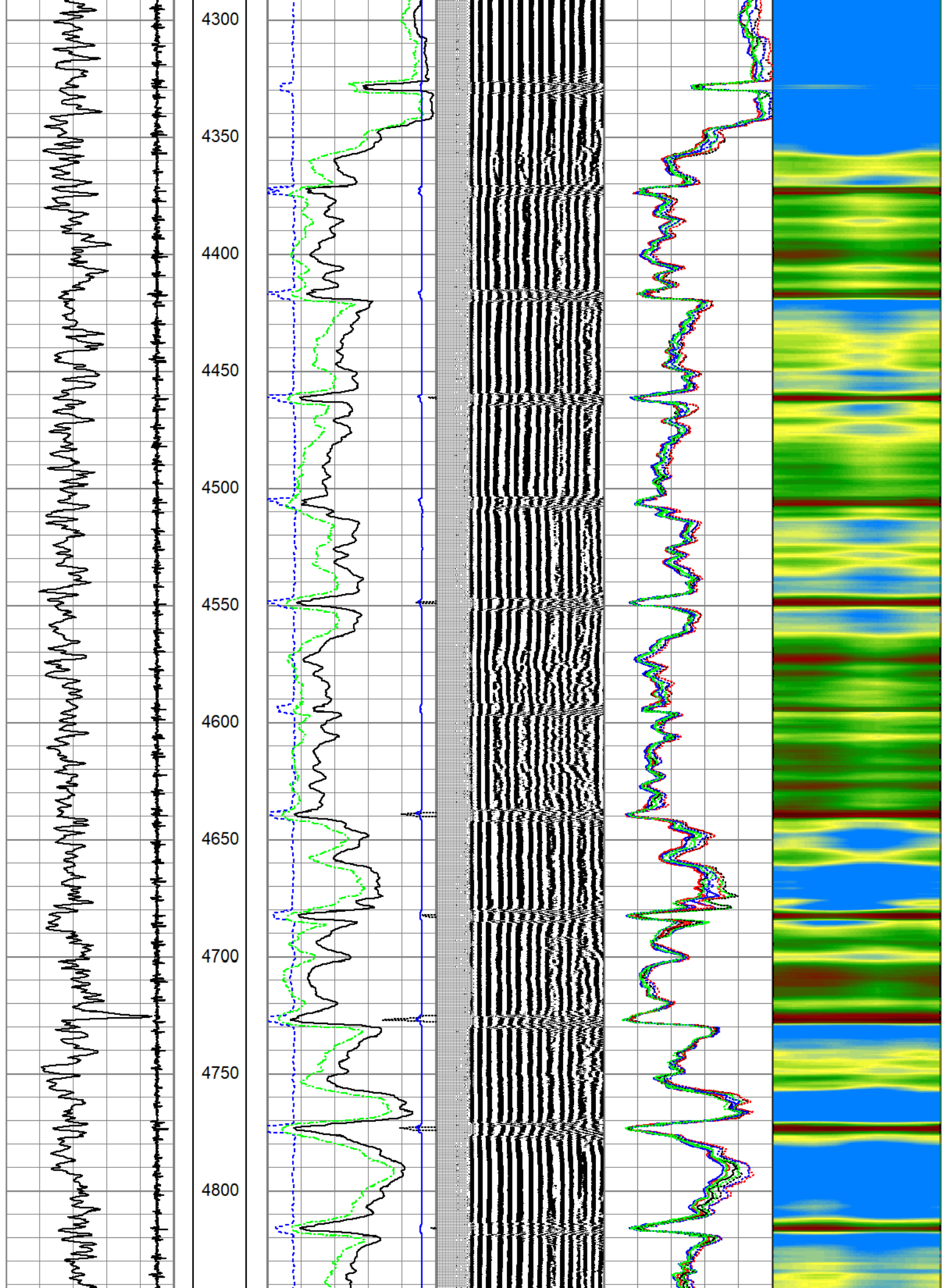


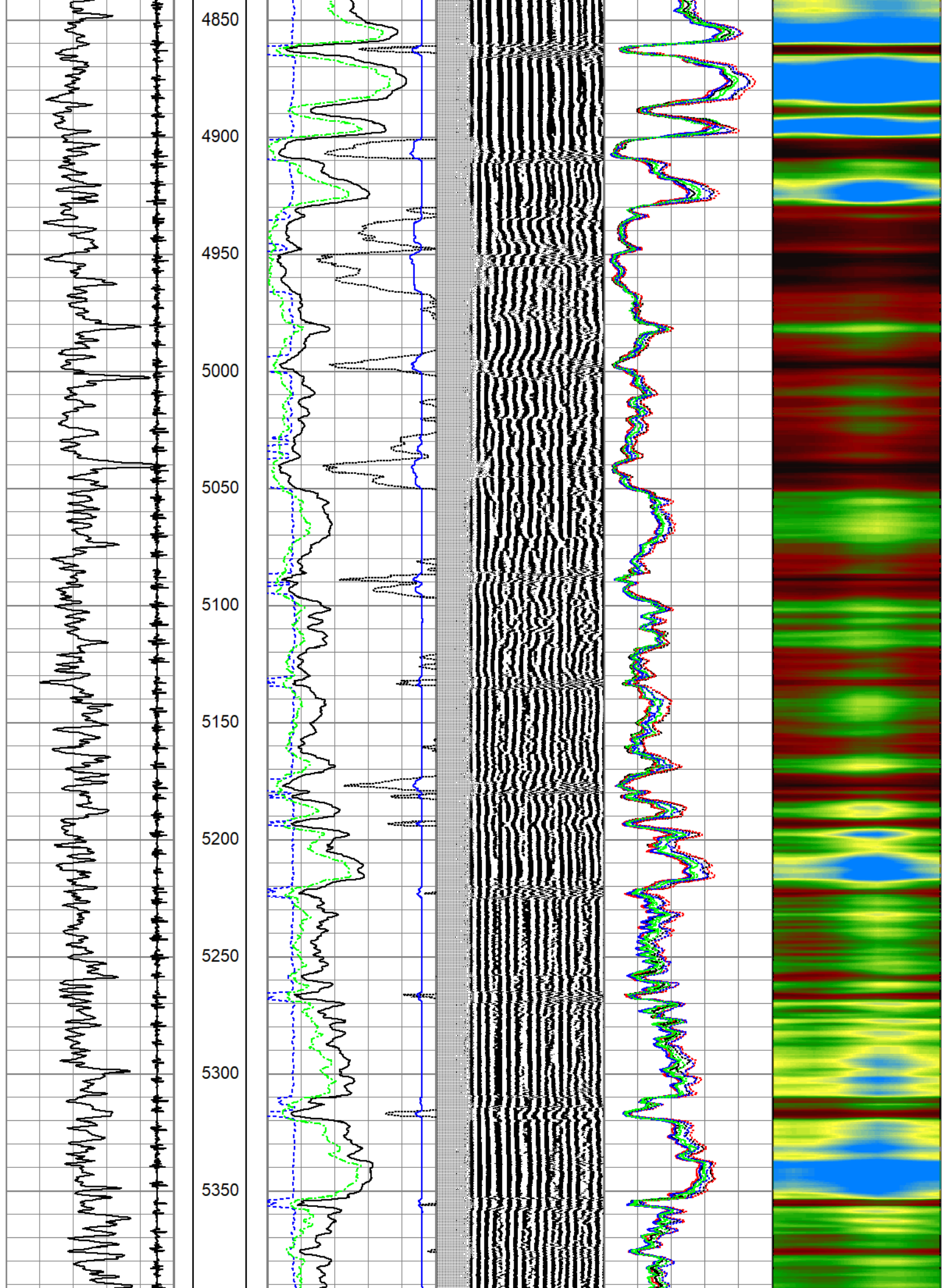


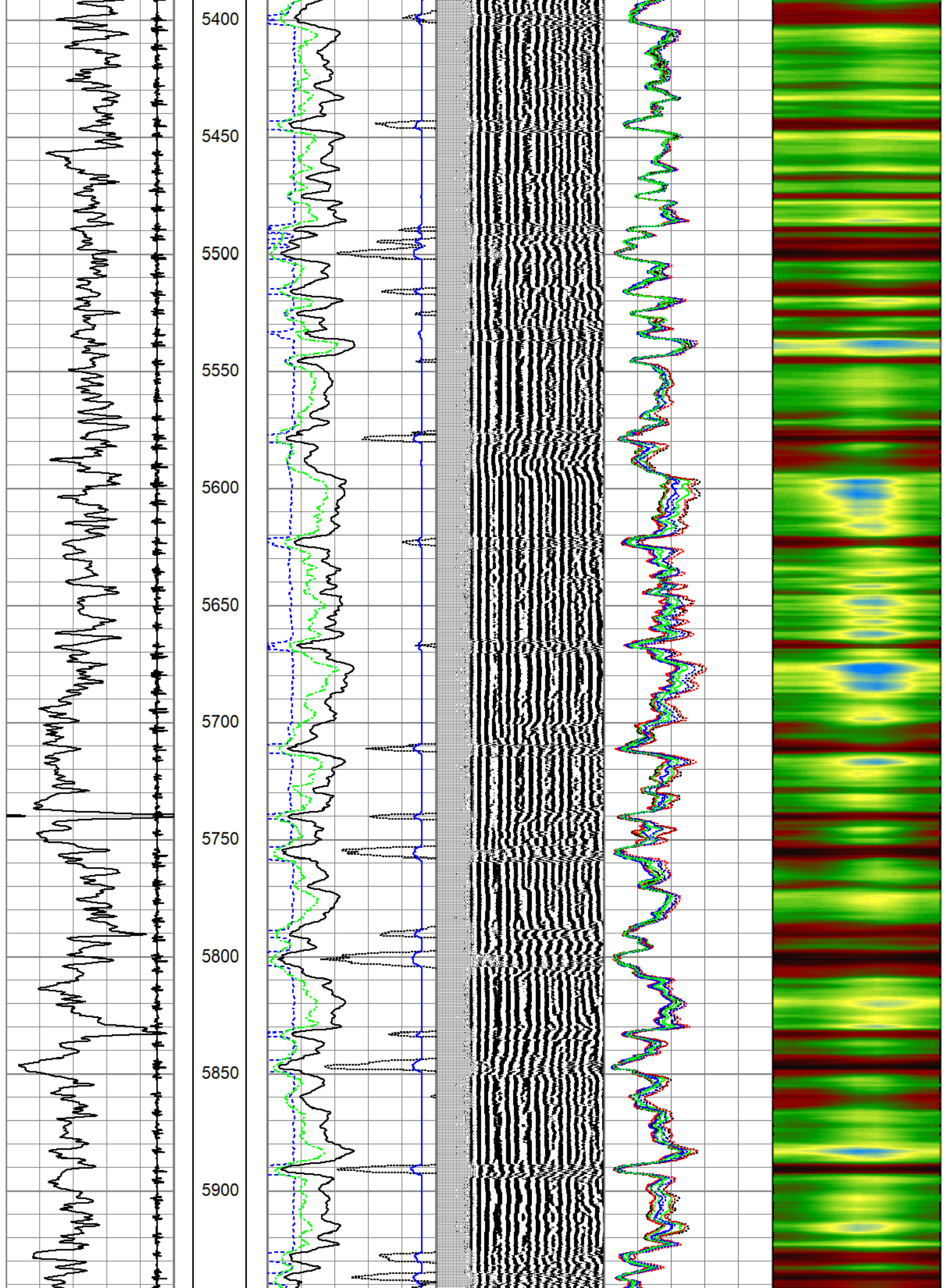


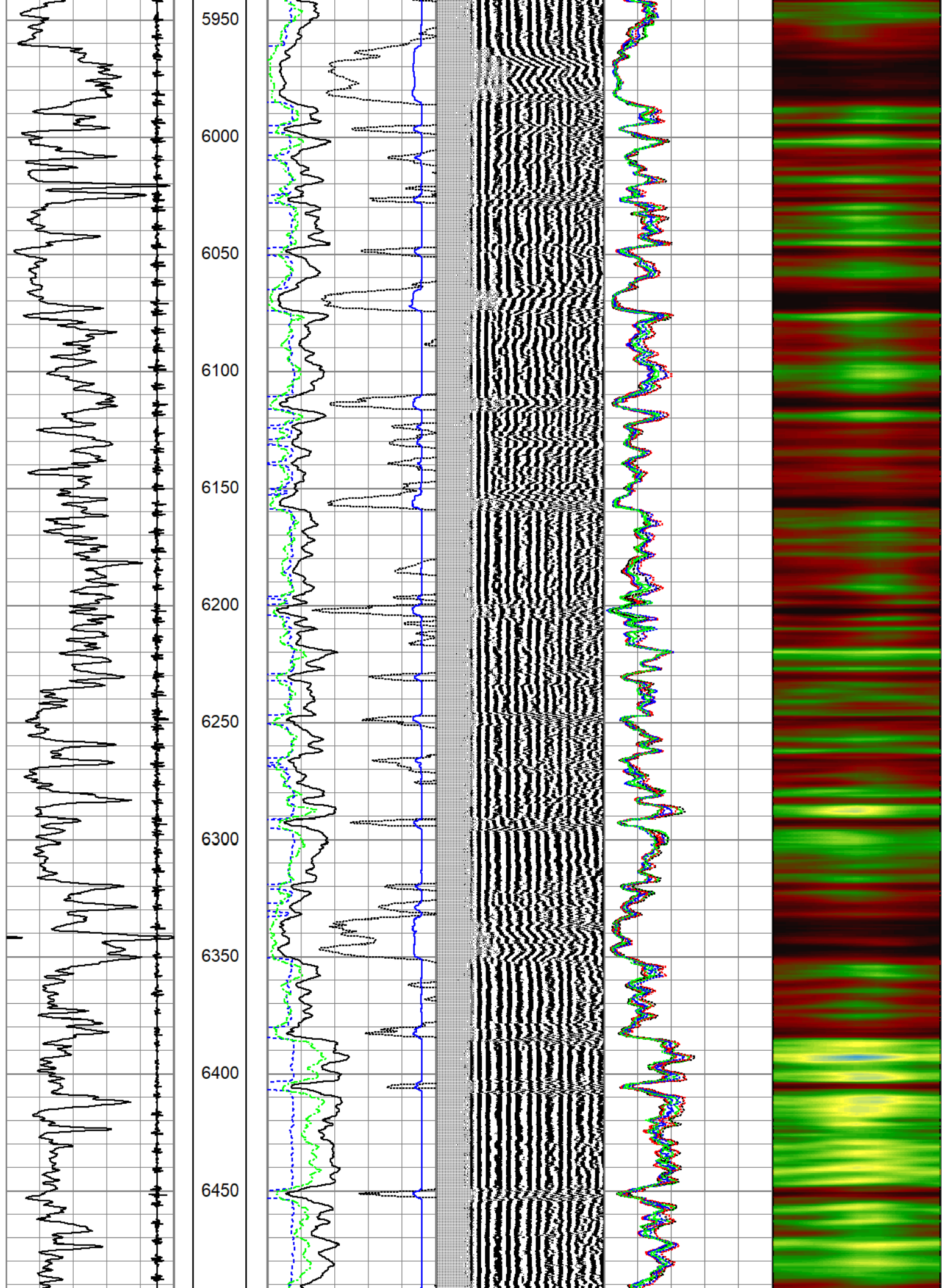


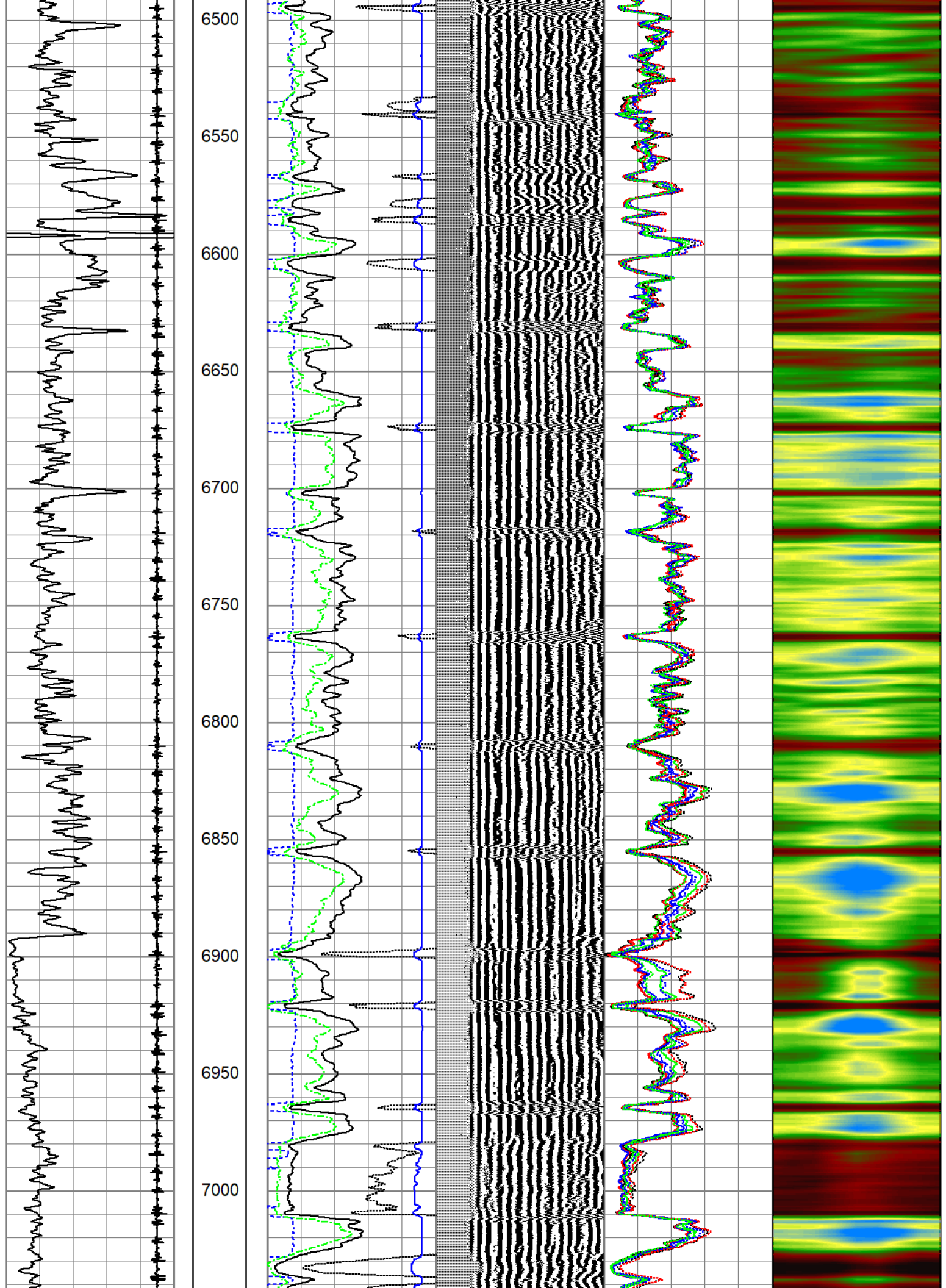


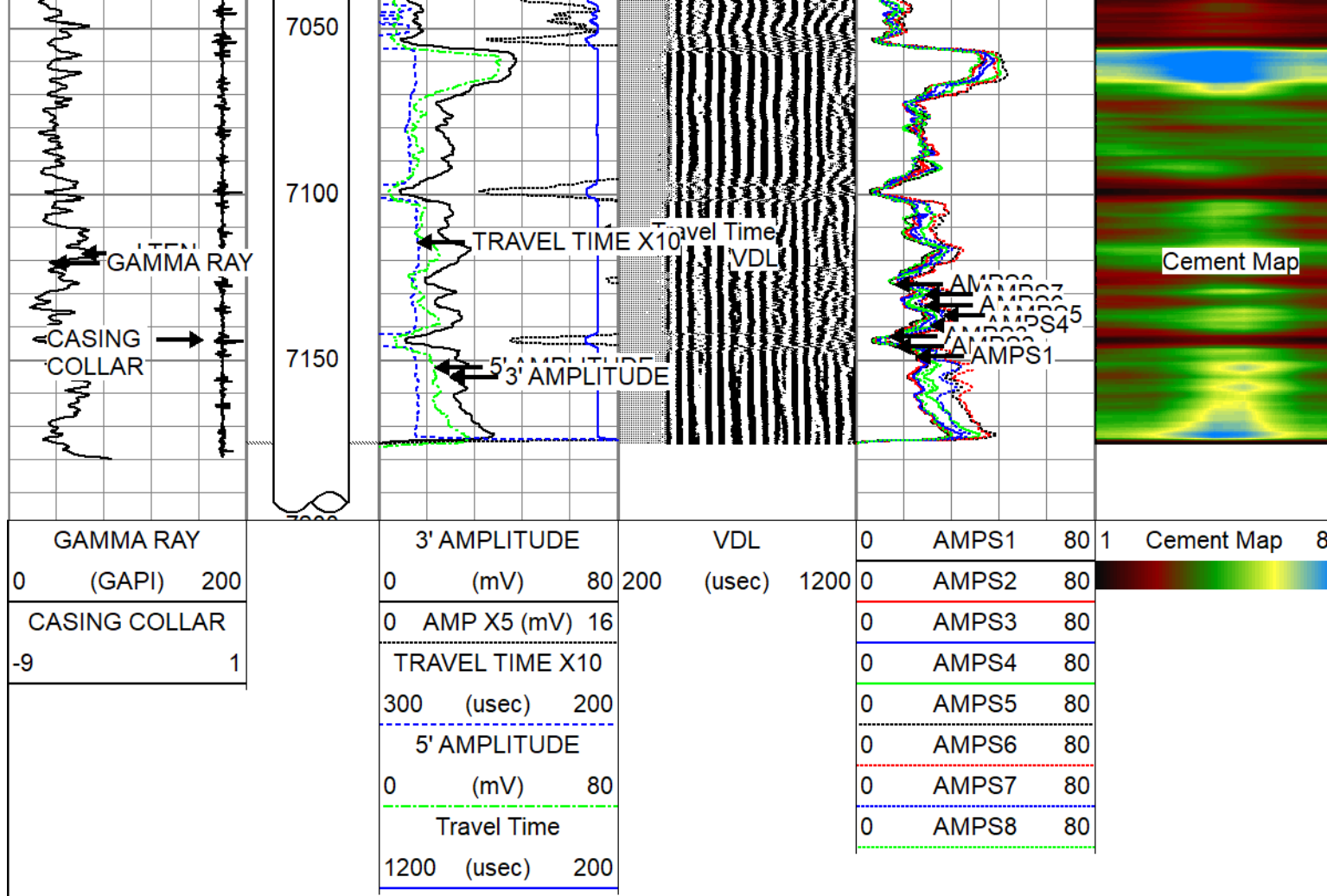




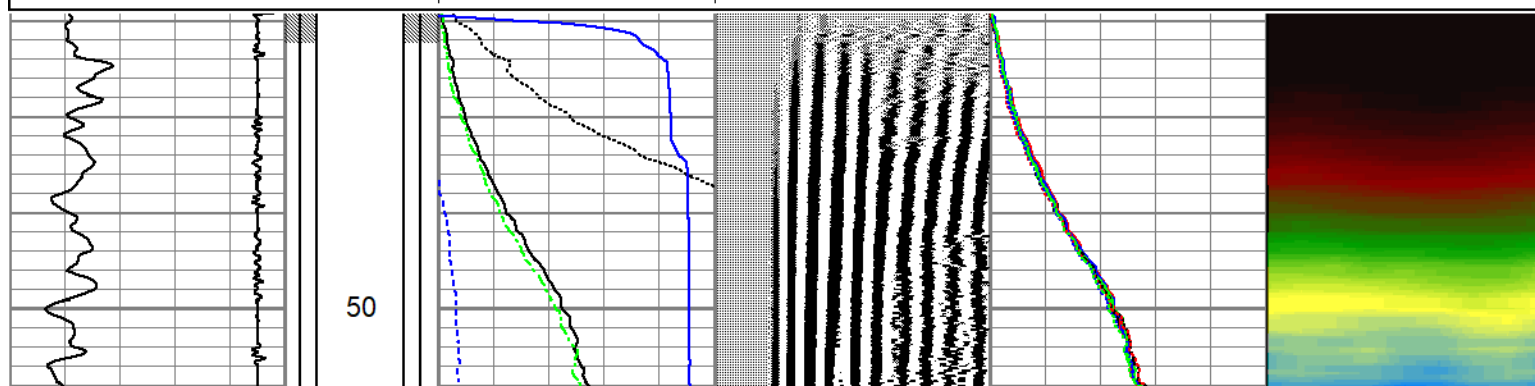
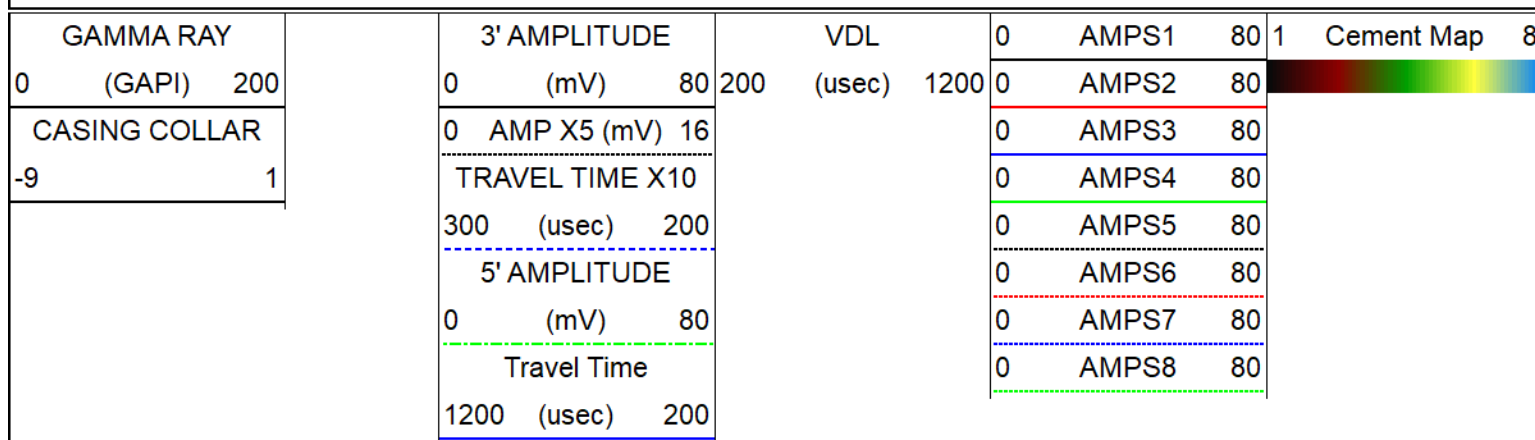


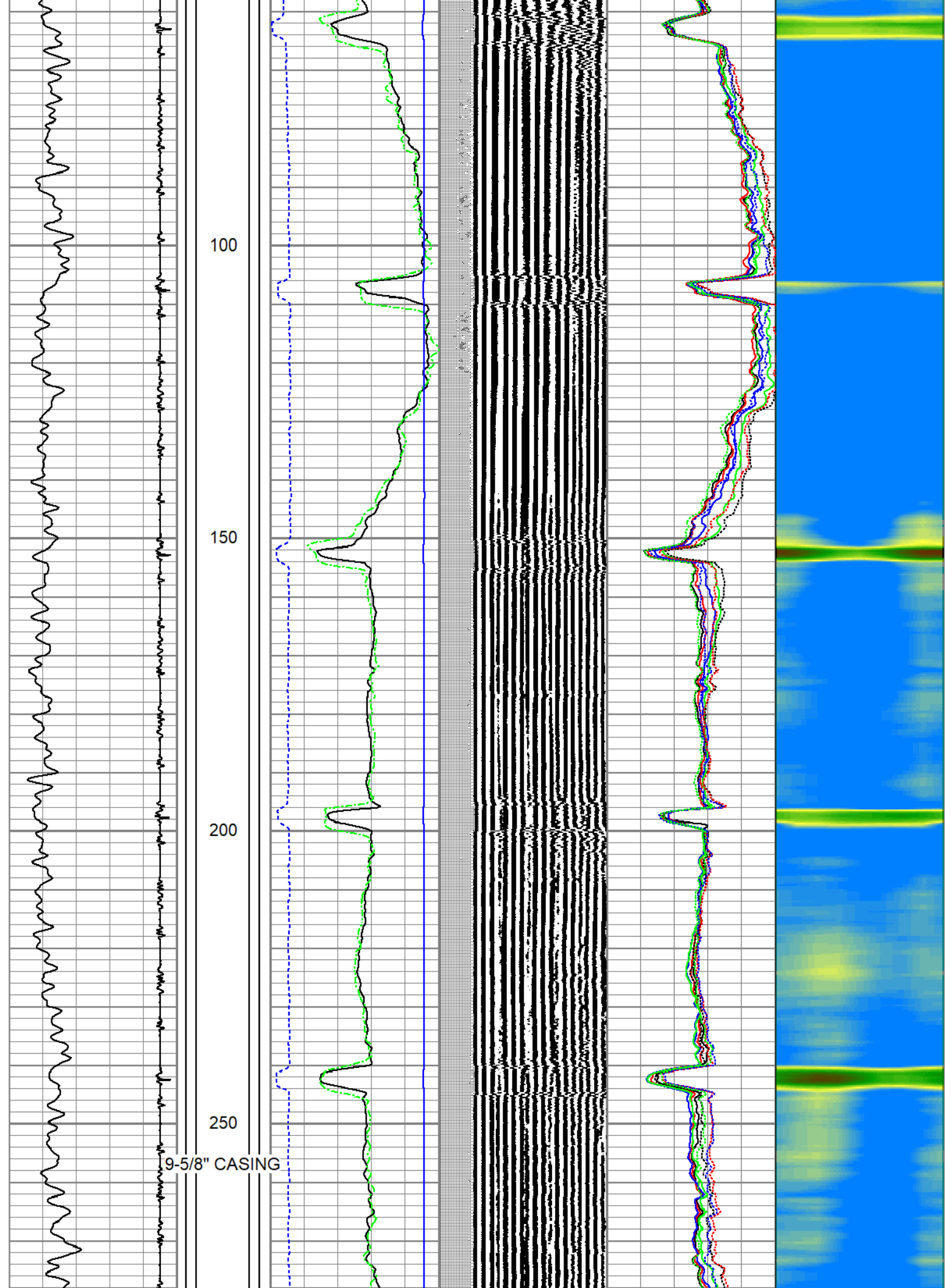


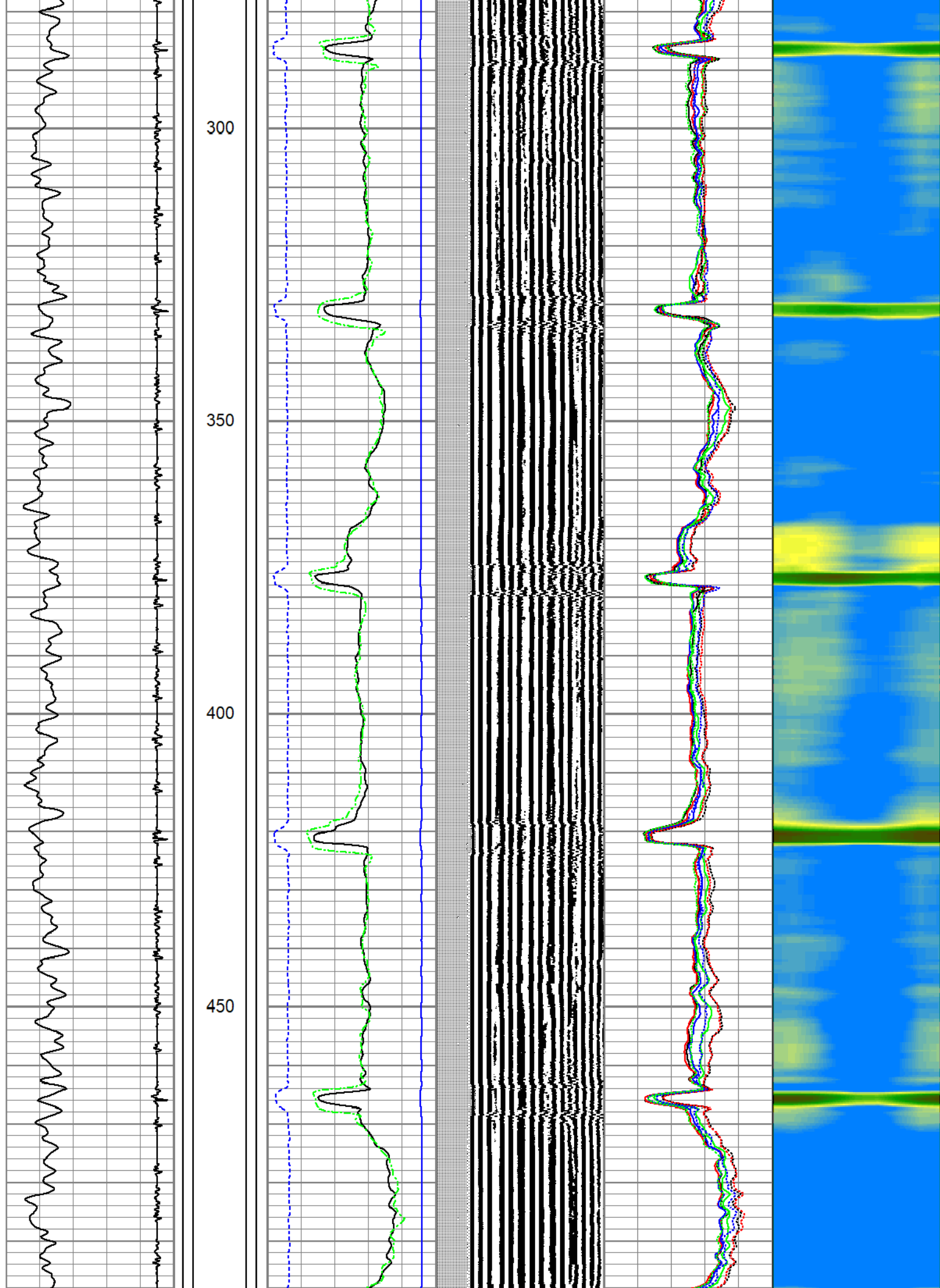




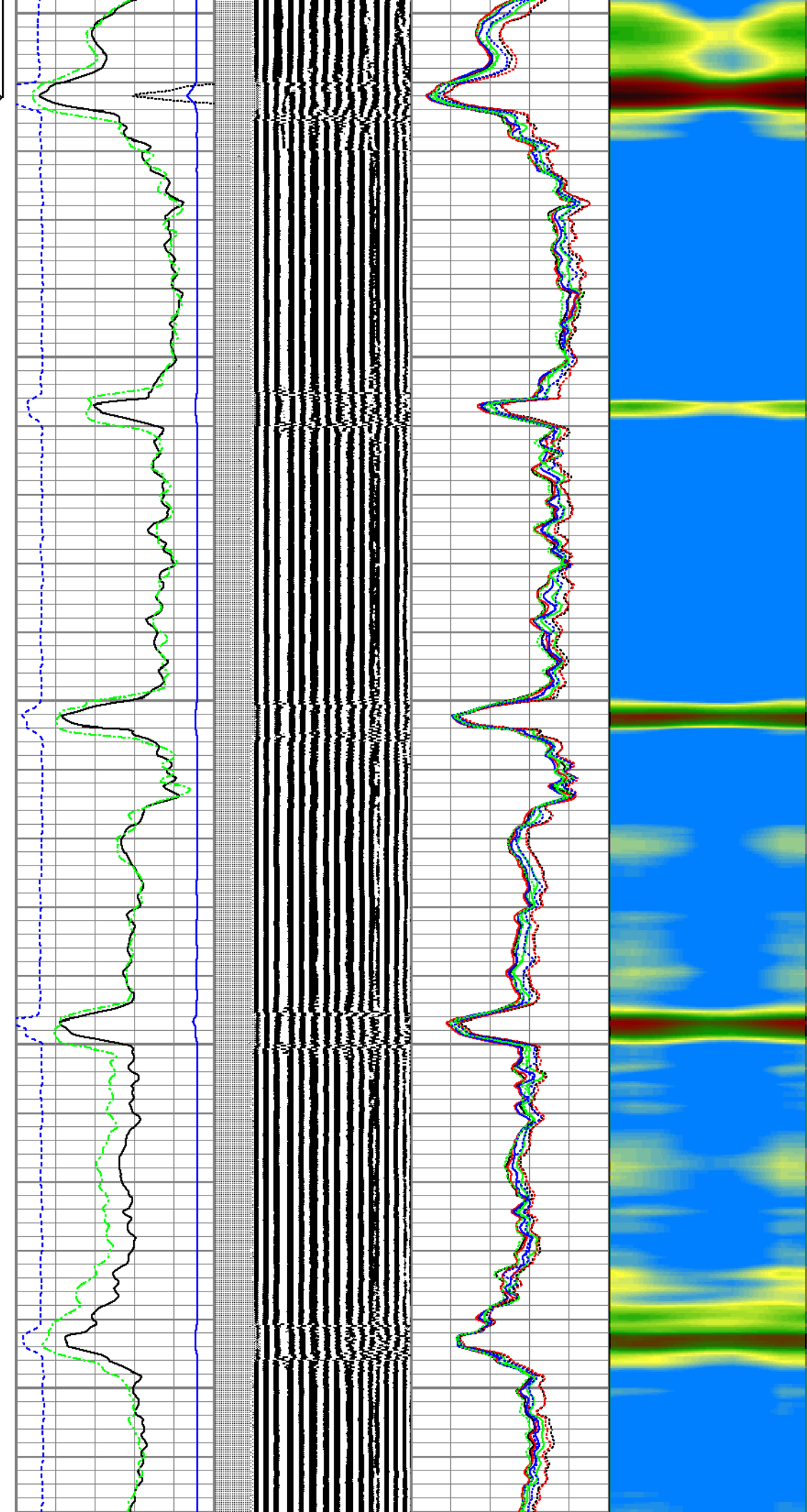
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 Presentation Format rst7inplo
 Dataset Creation Tue Oct 27 09:45:59 2020
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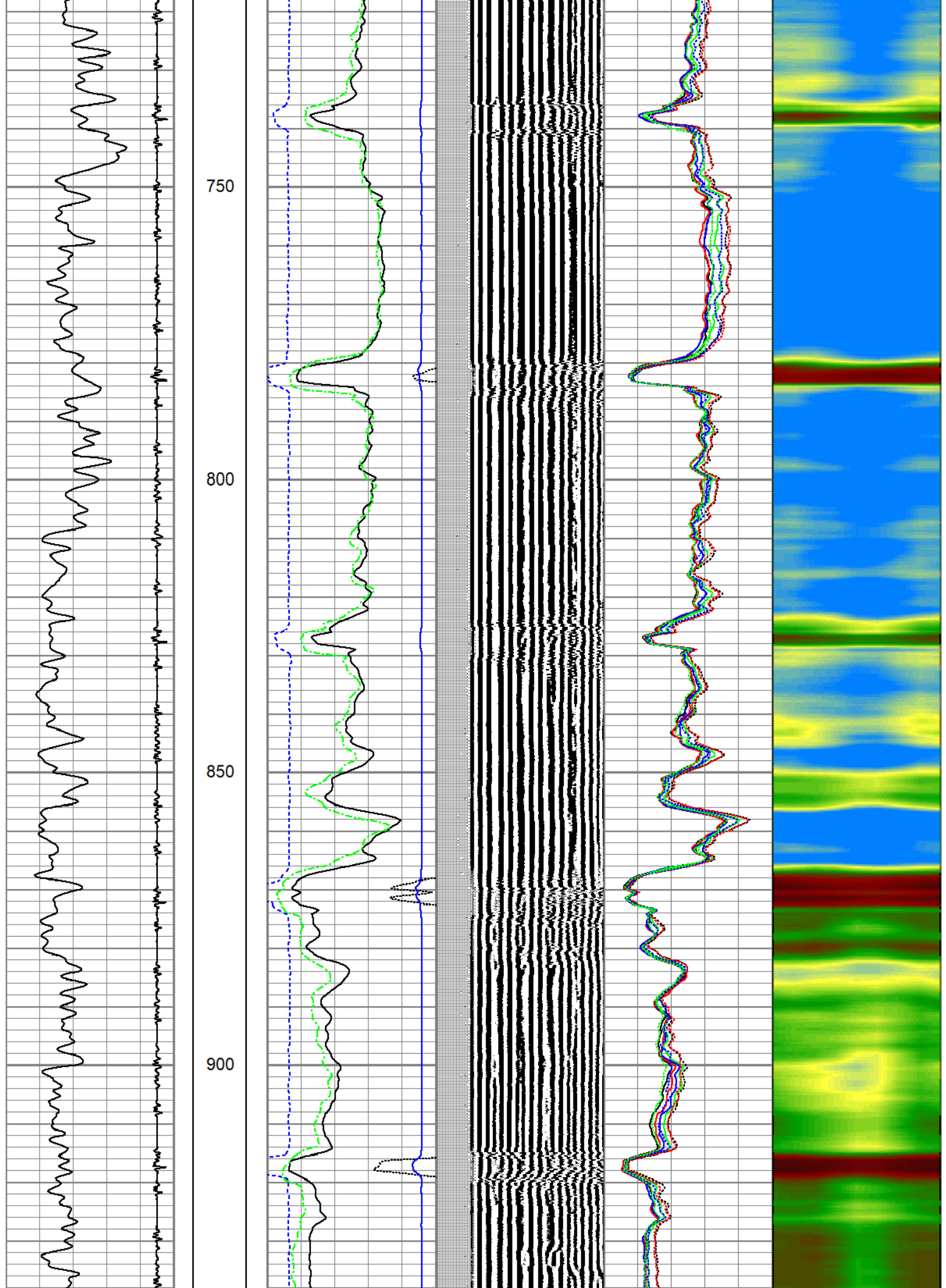


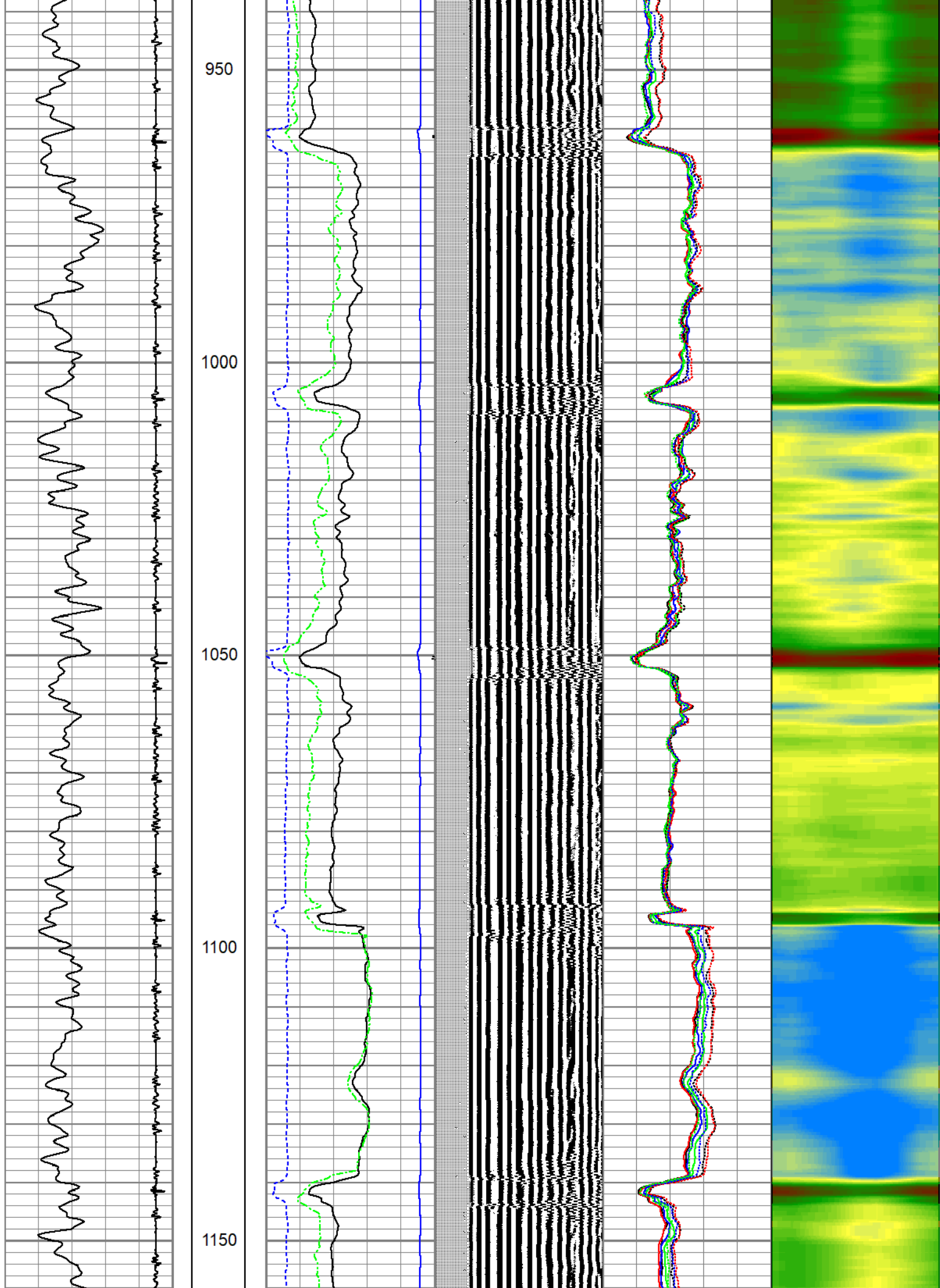


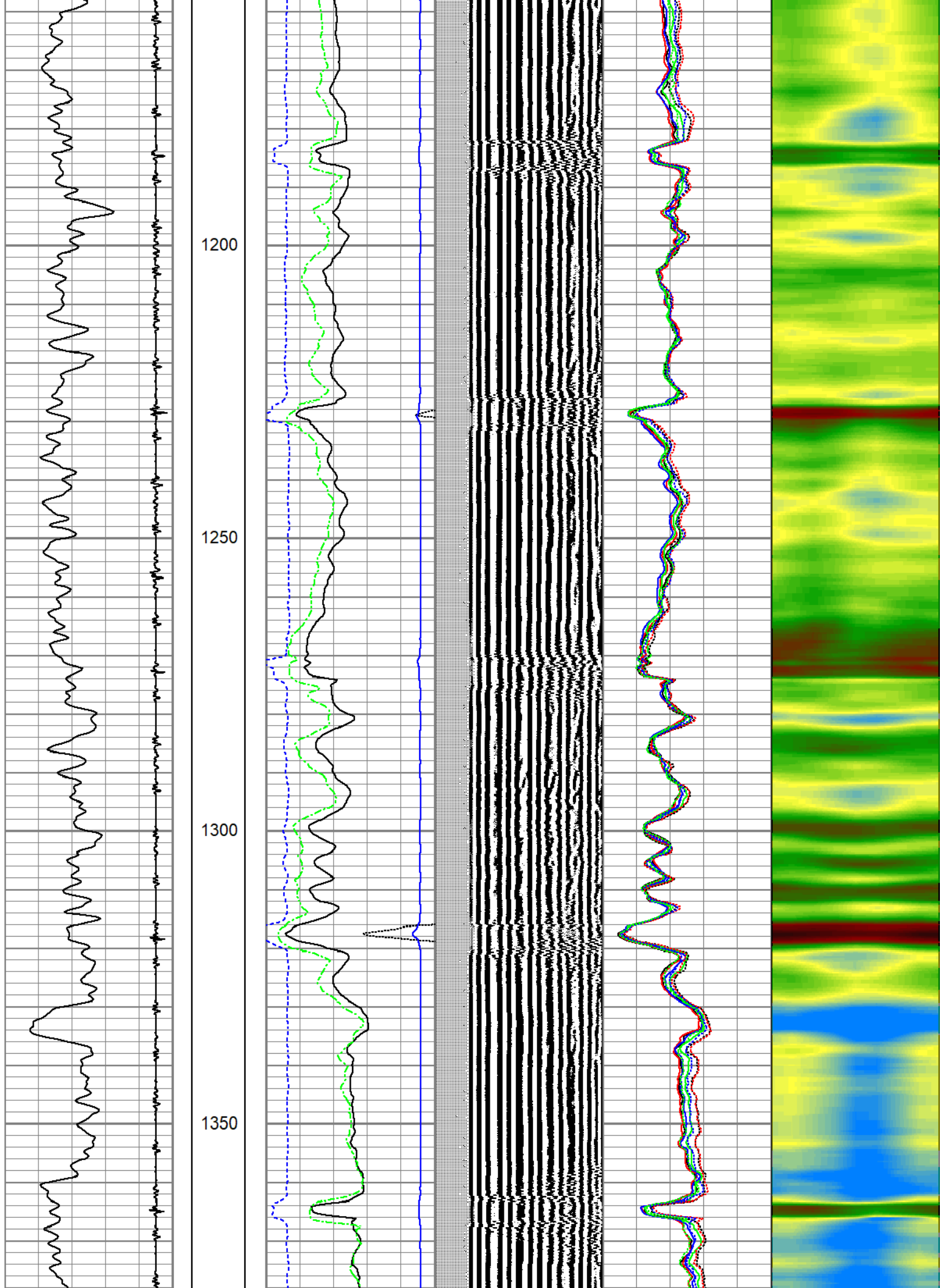


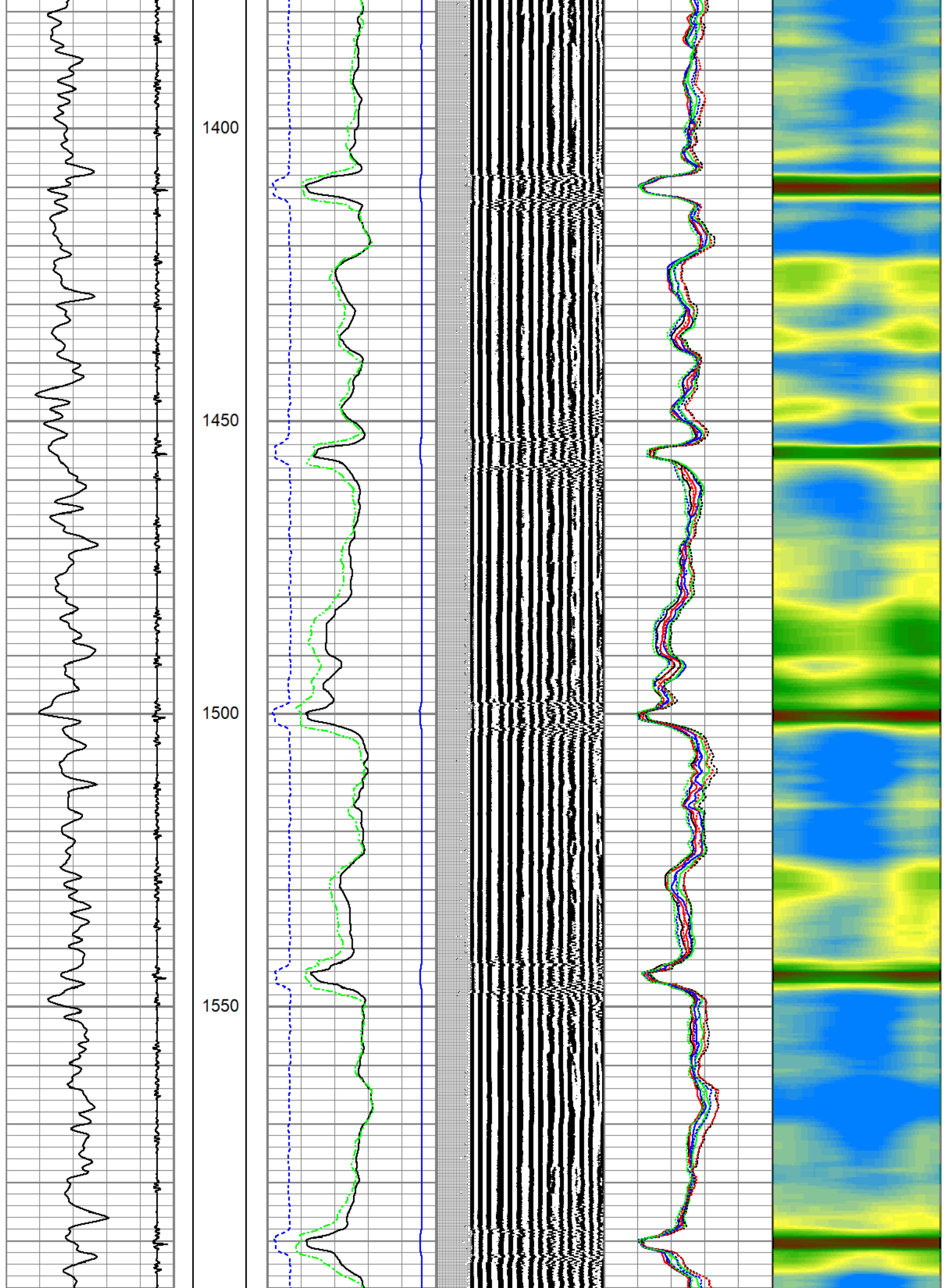
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550
600
650
700

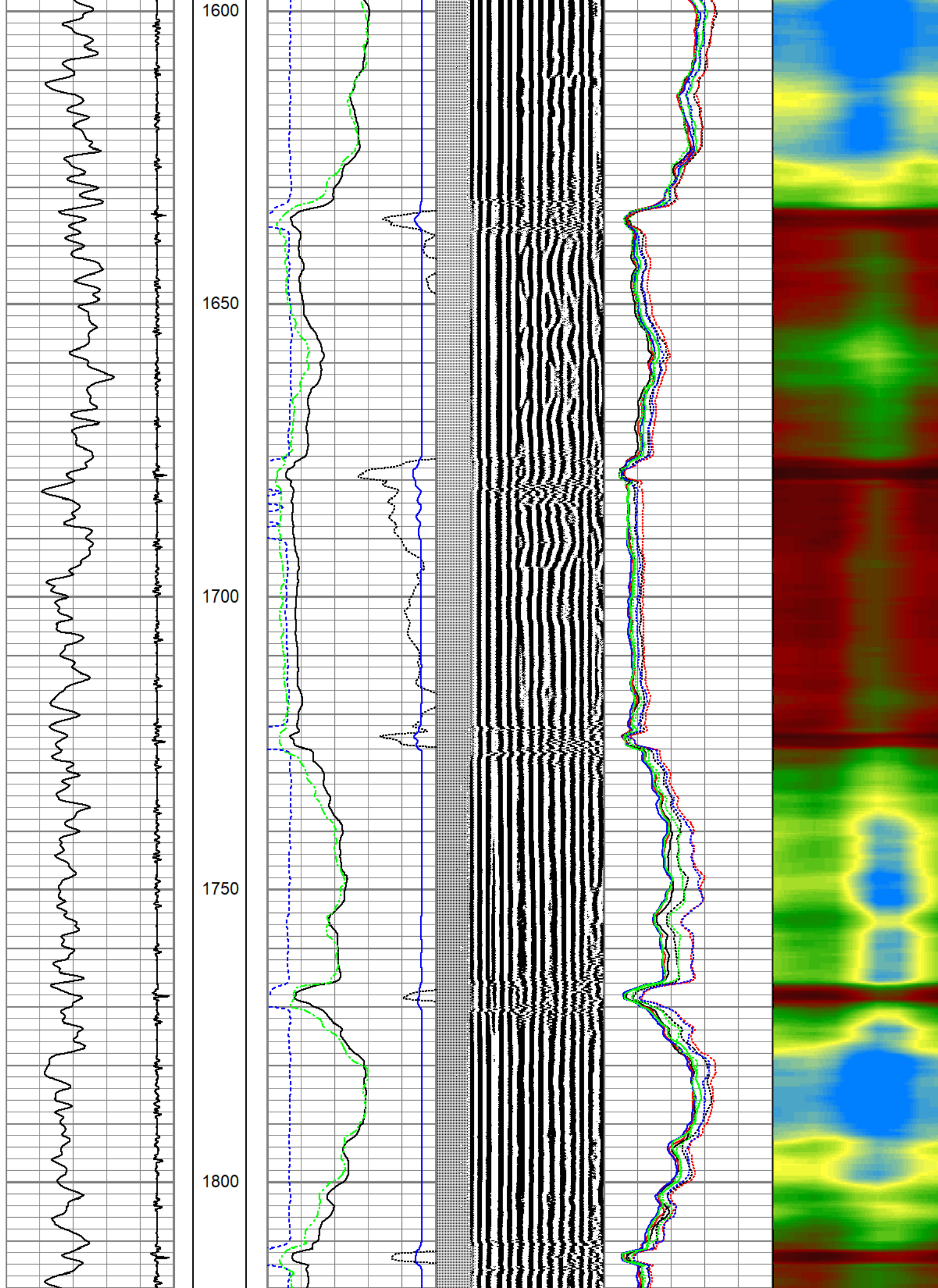


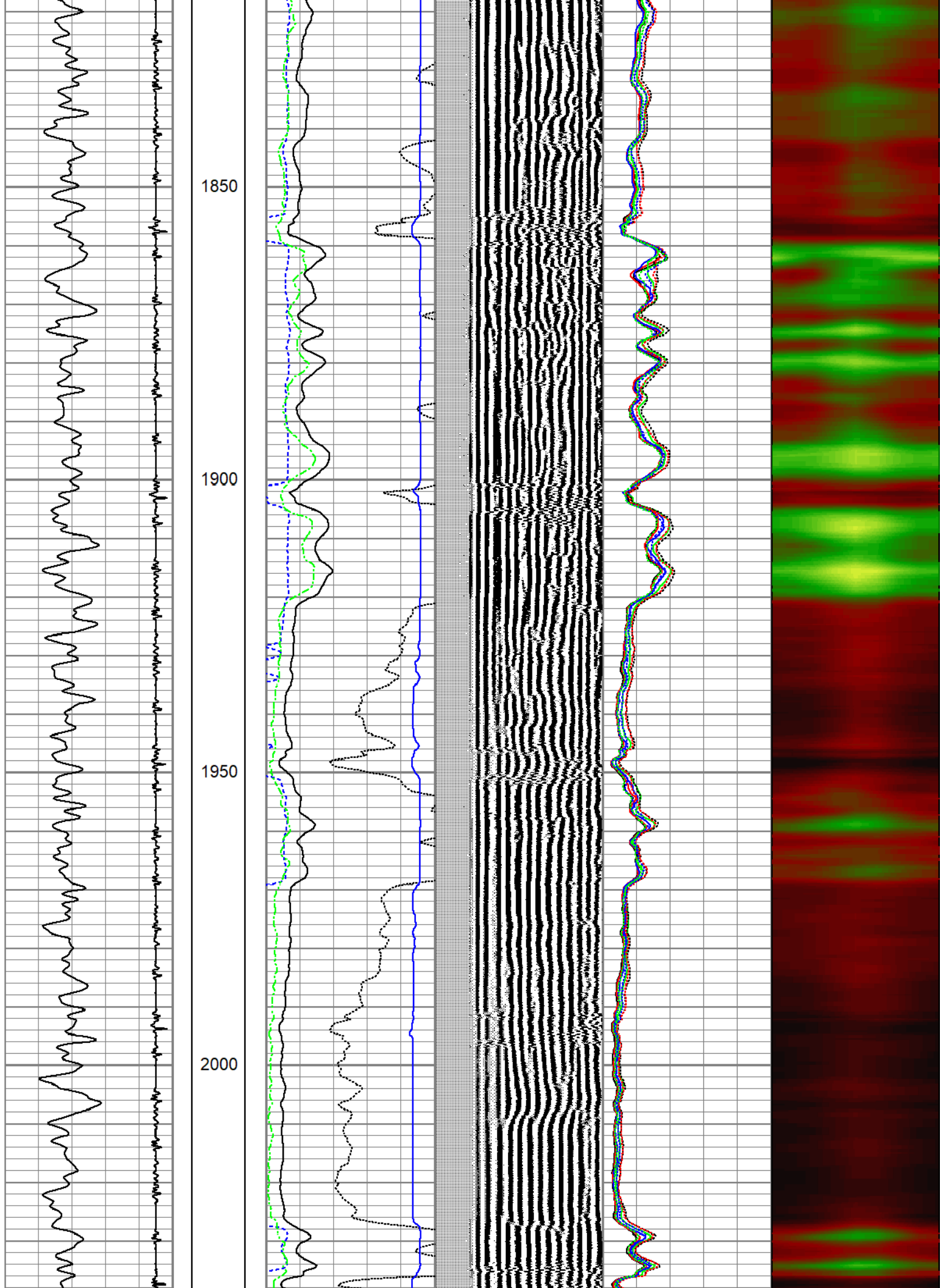


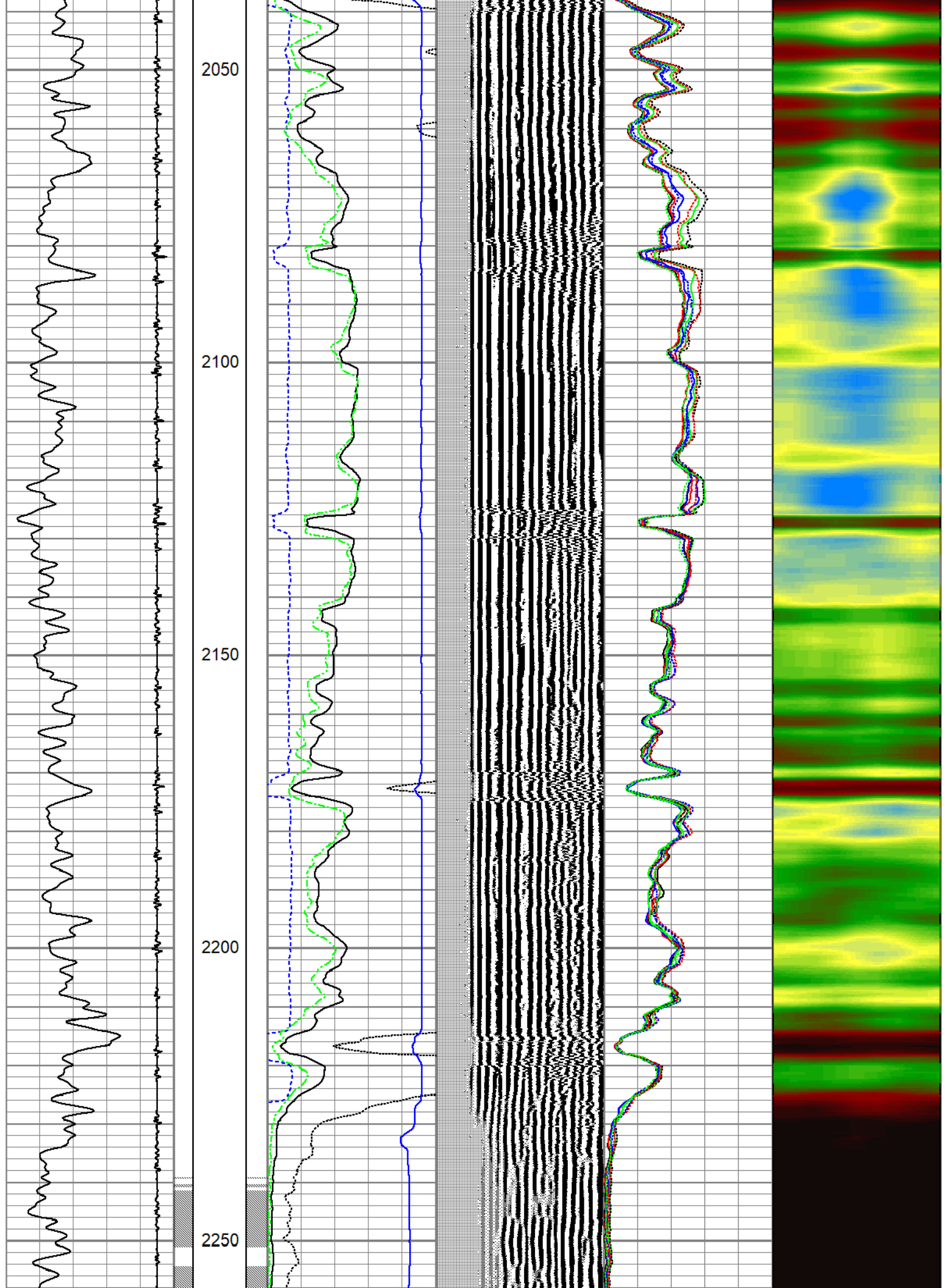


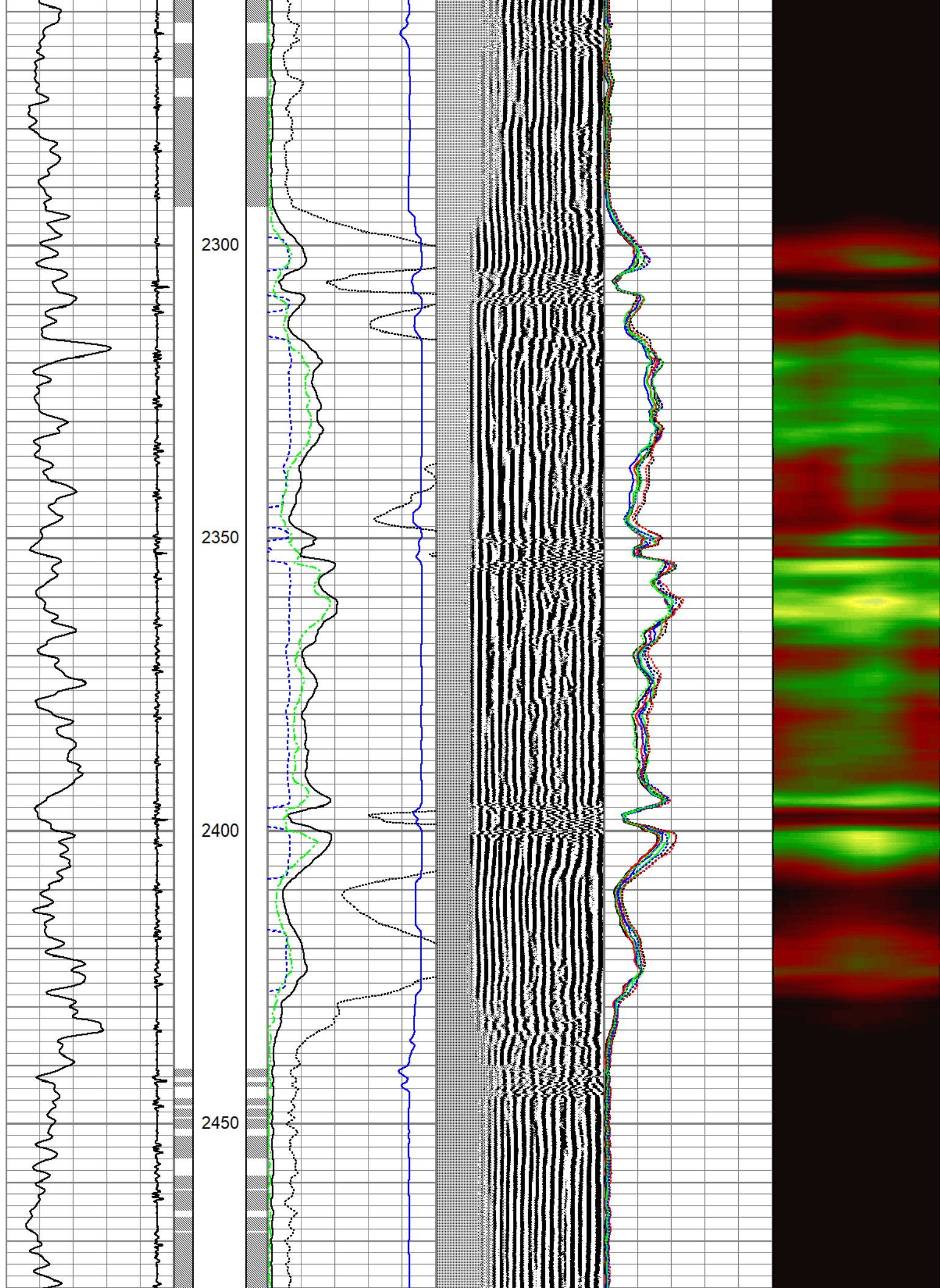


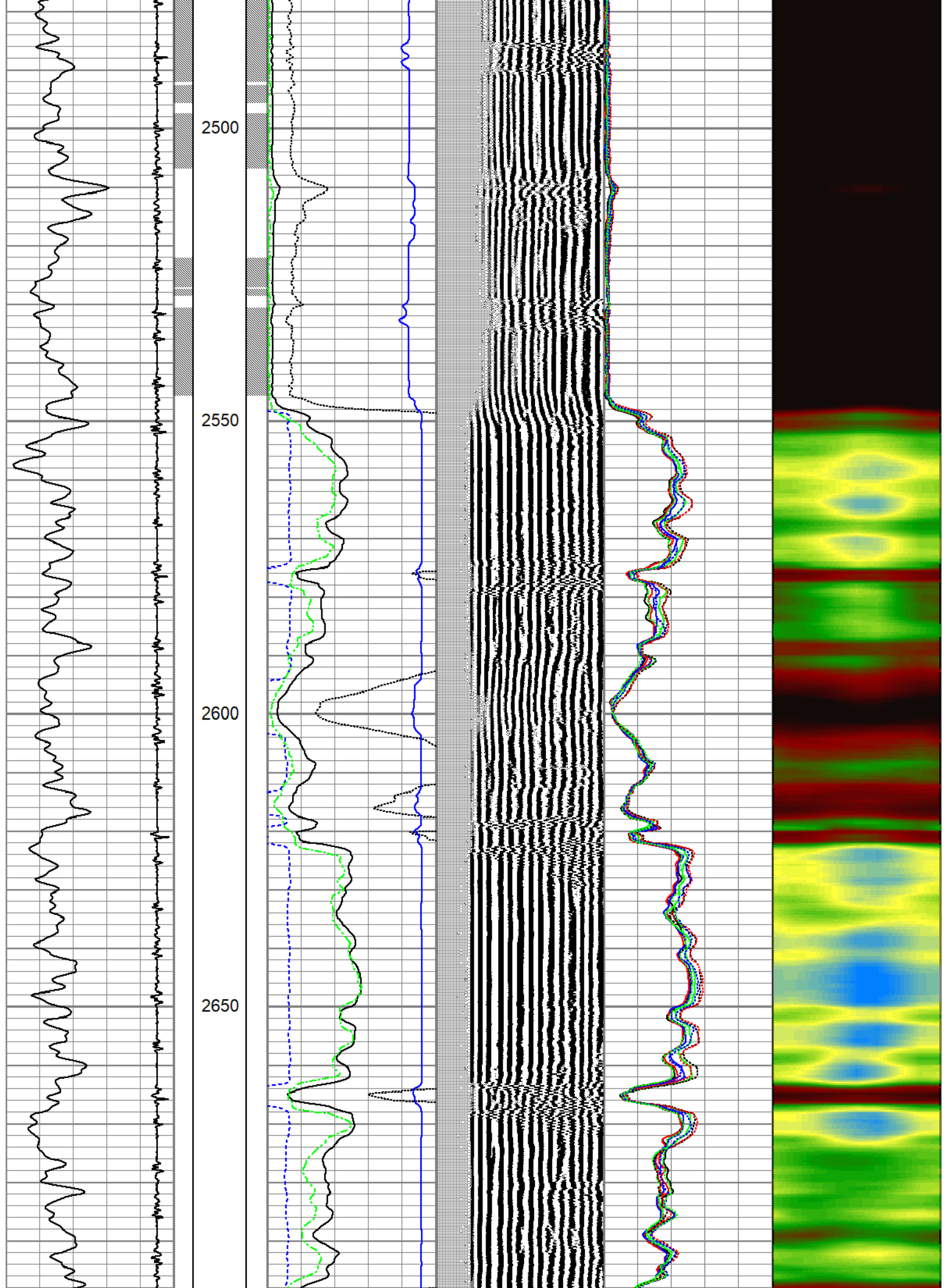


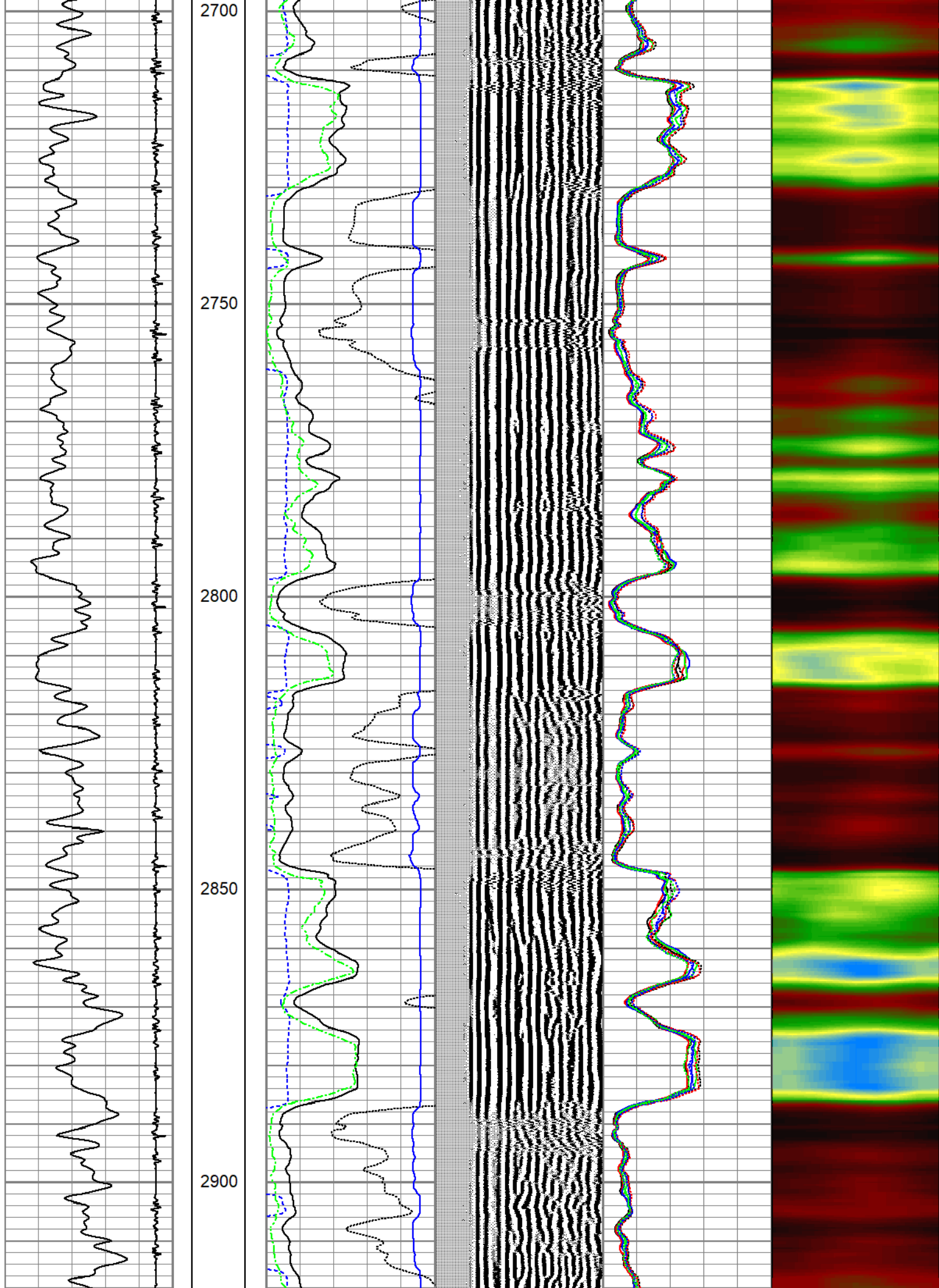


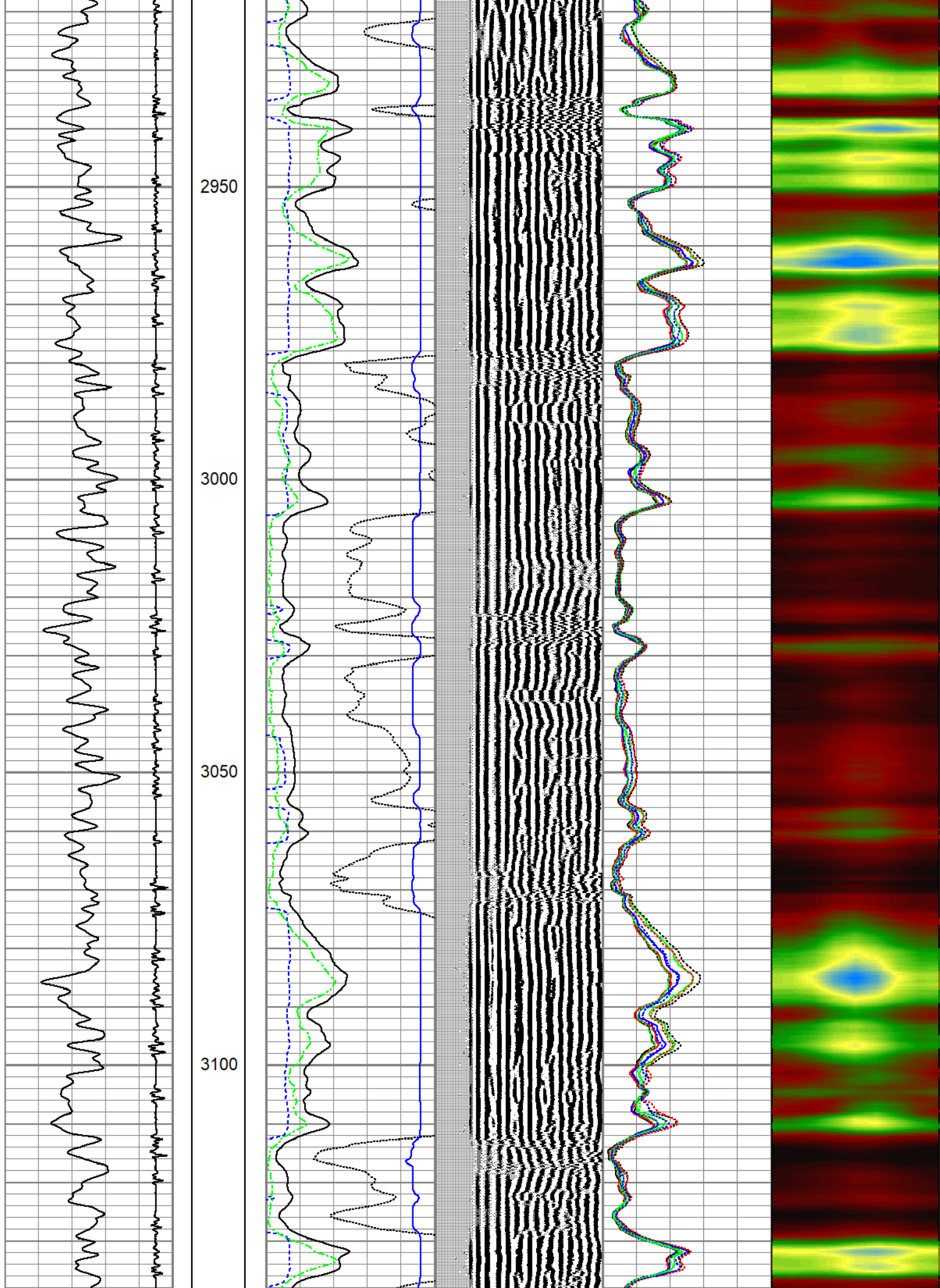


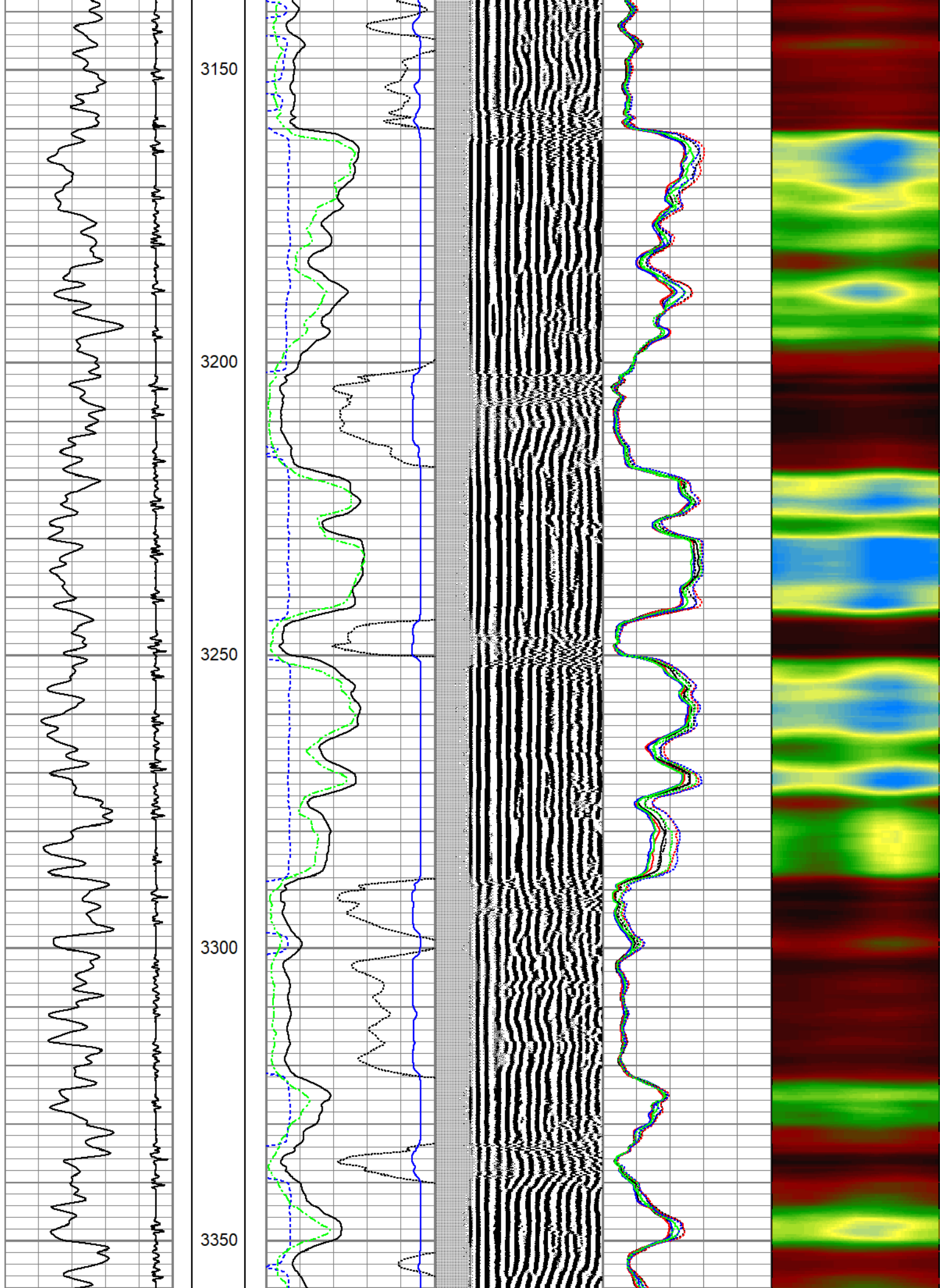


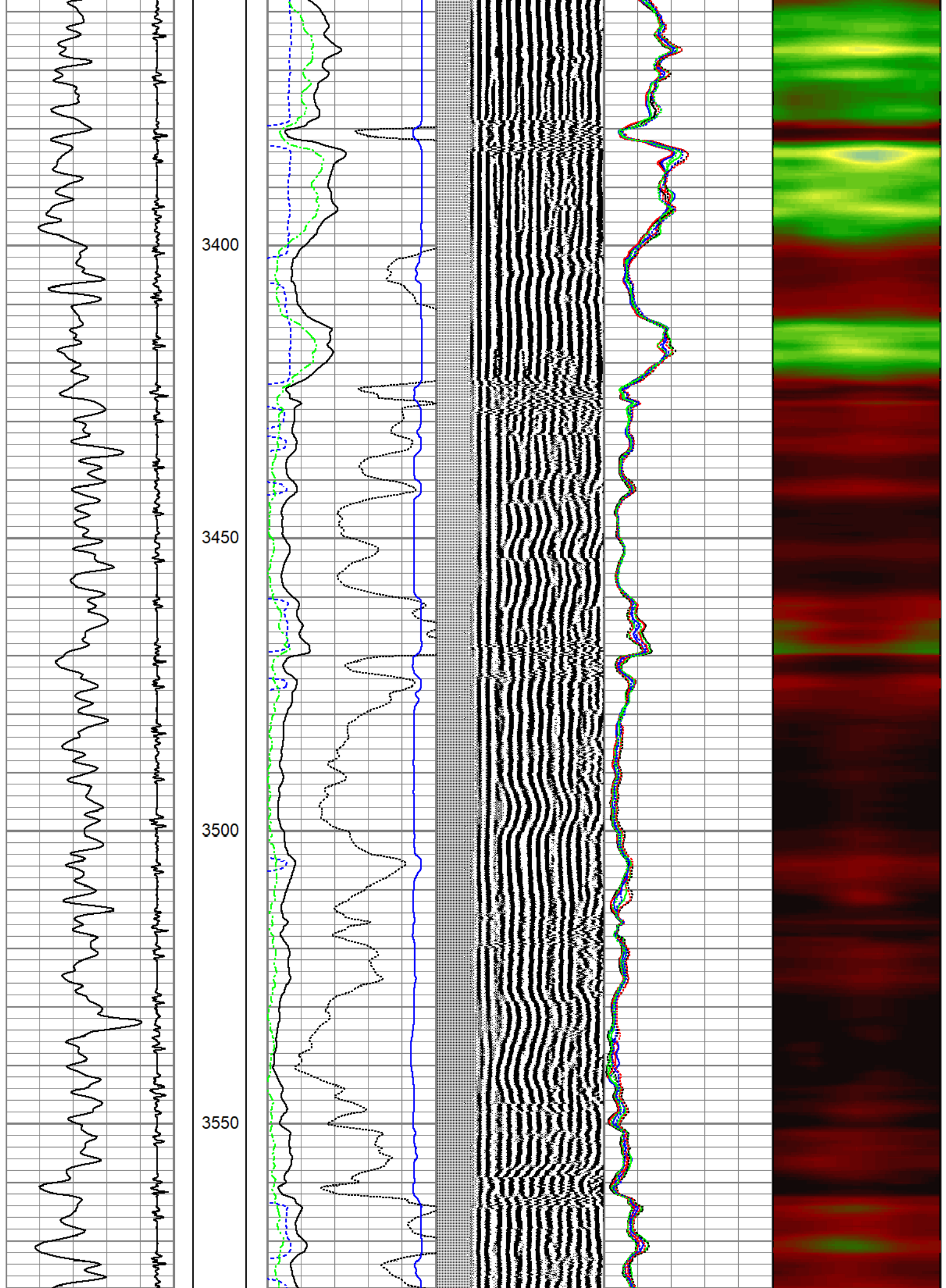










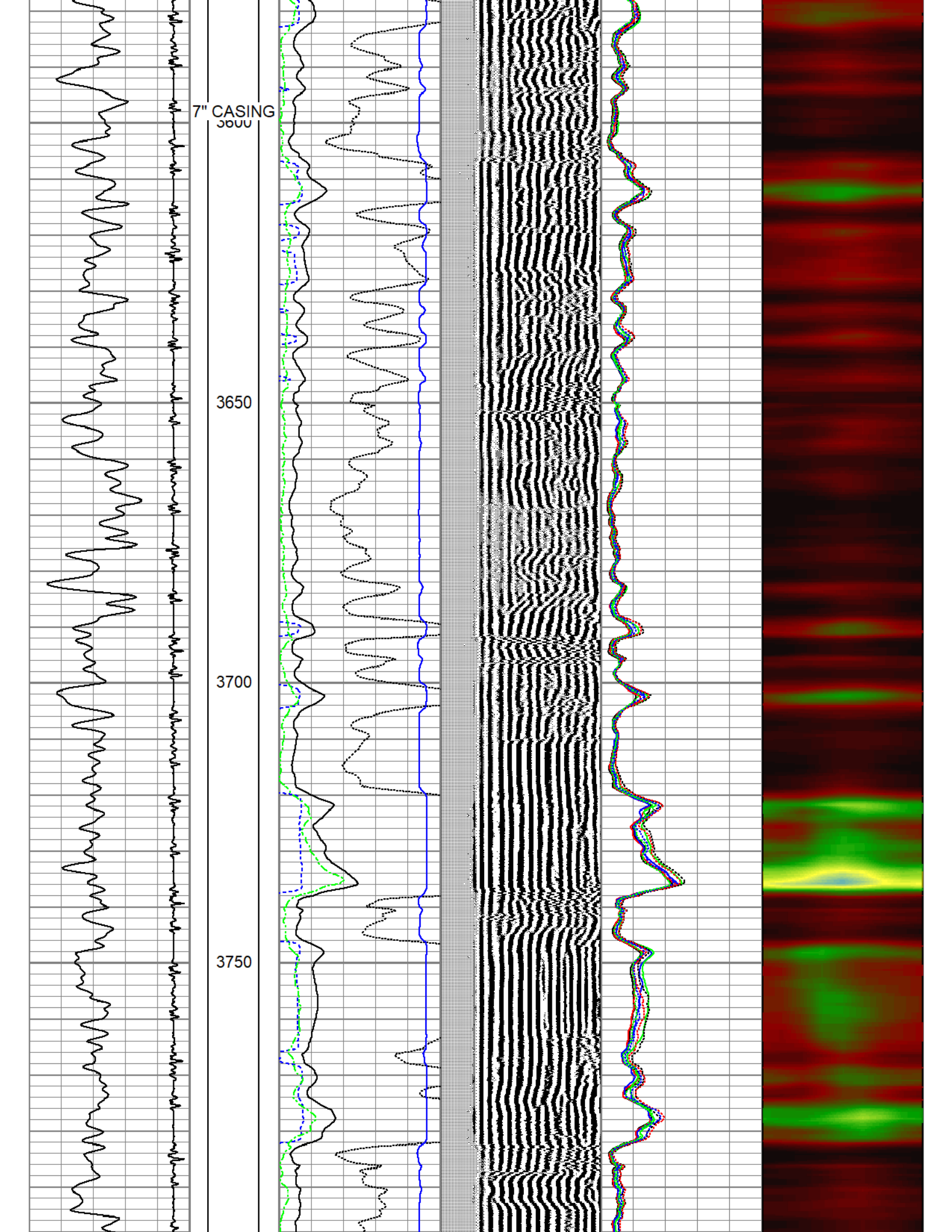


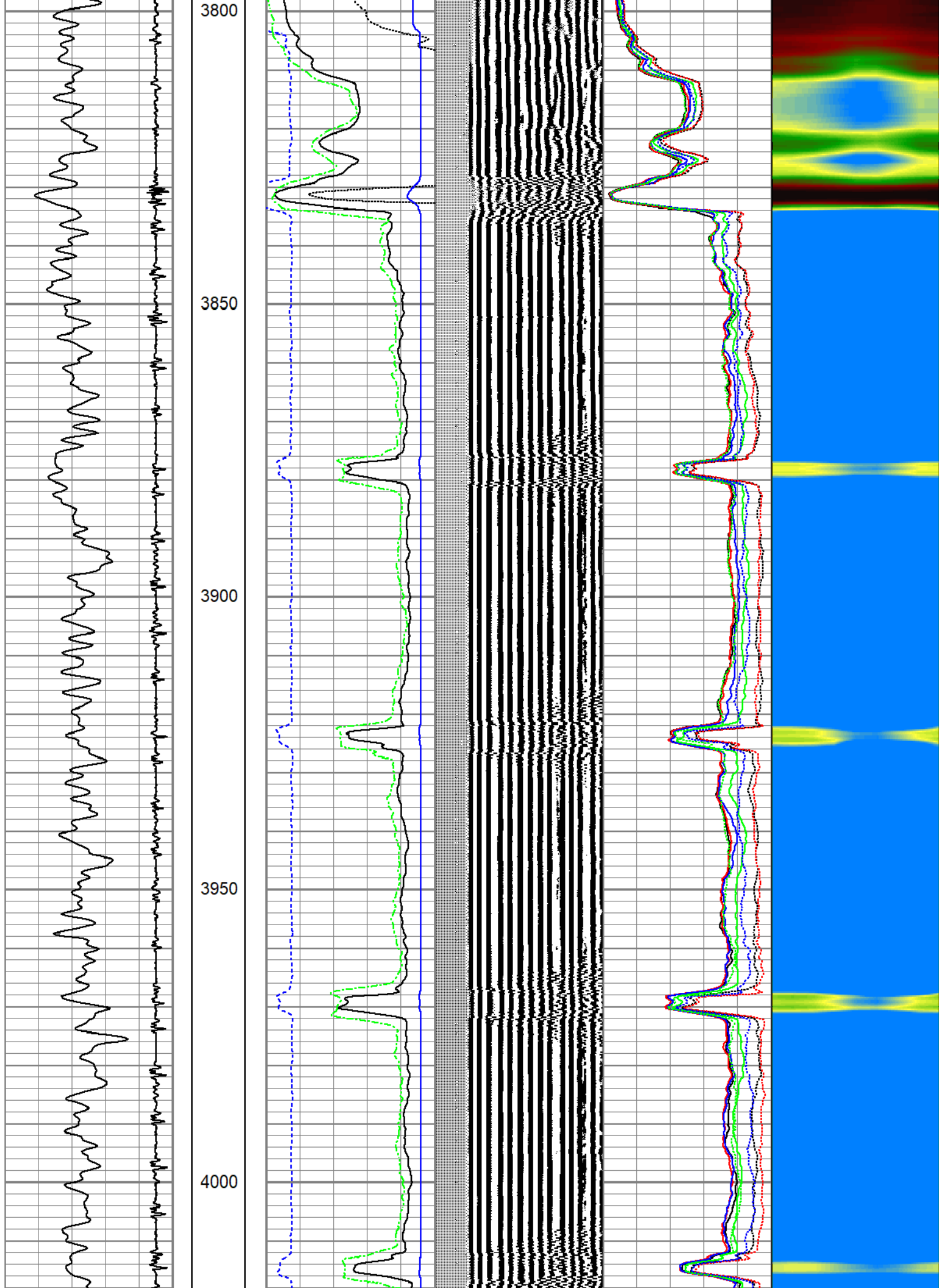
7" CASING
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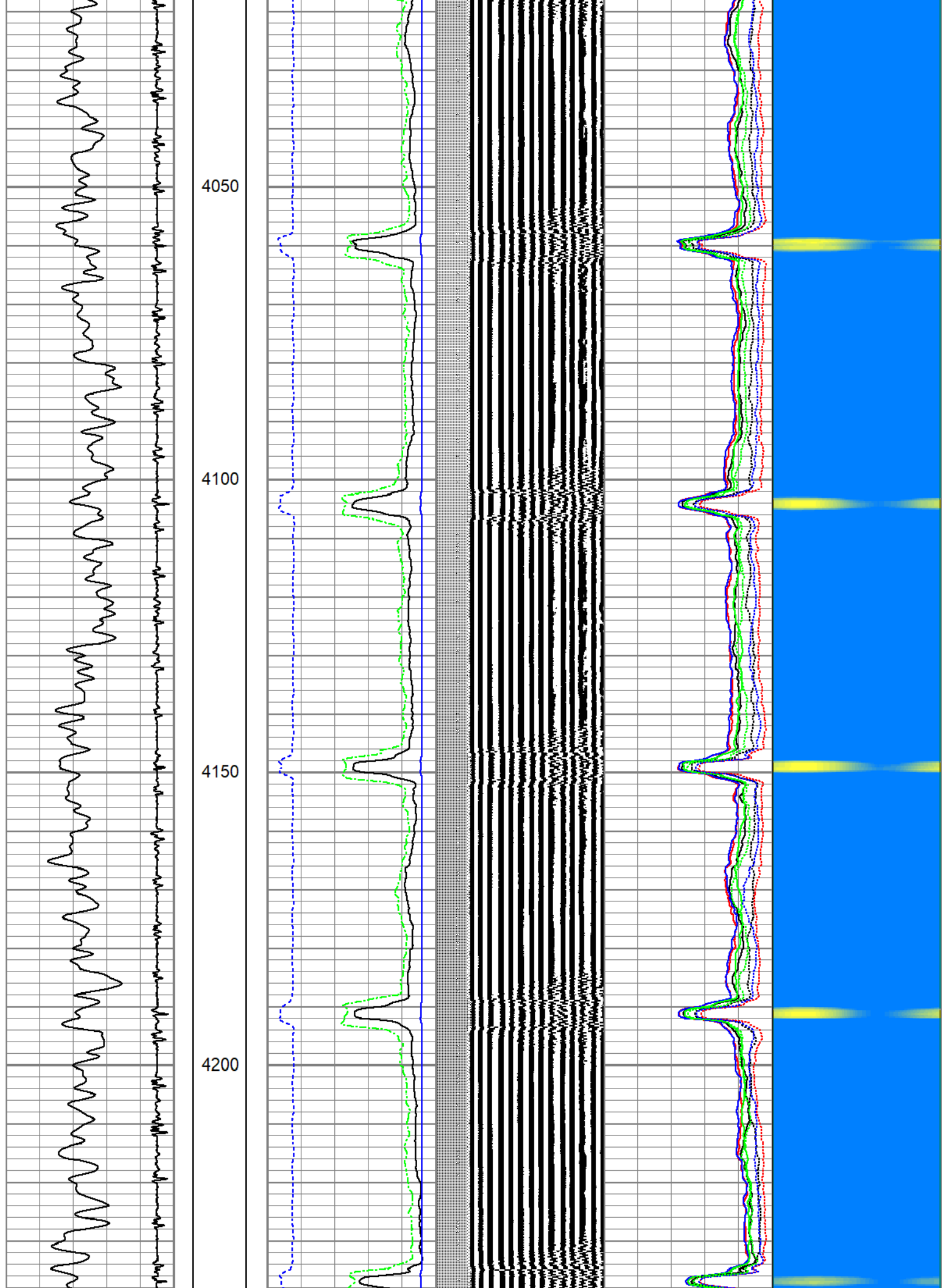
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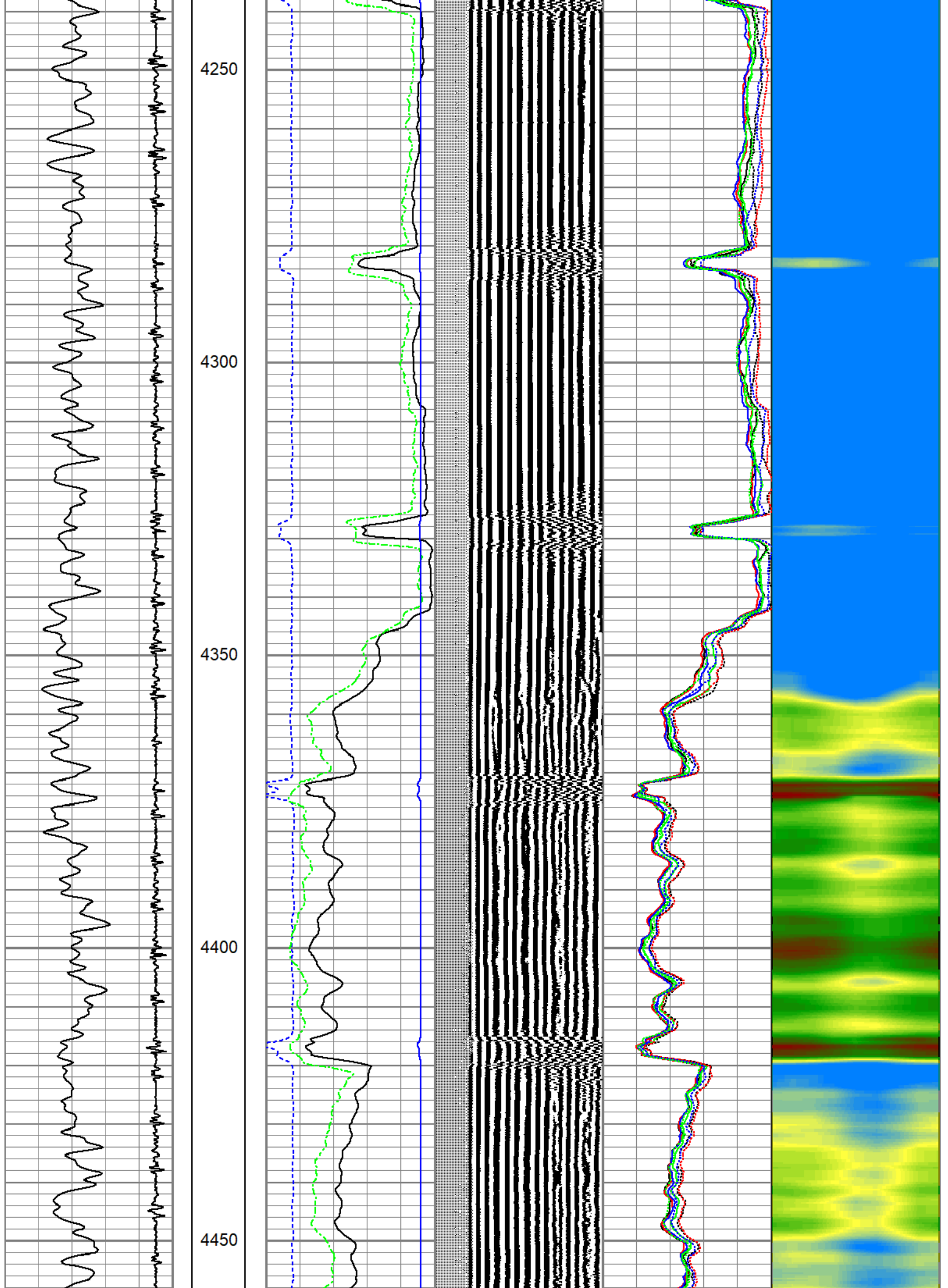
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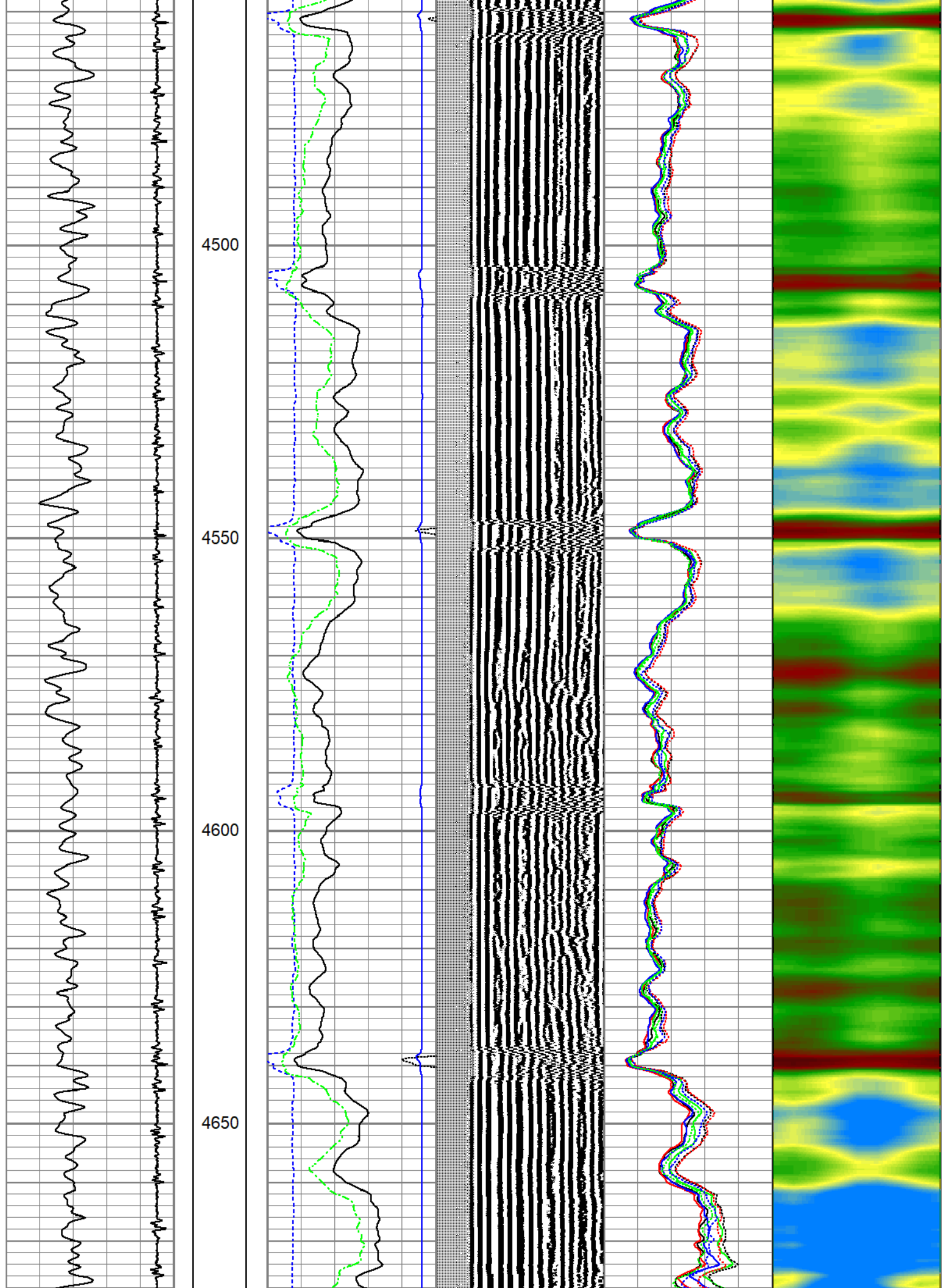
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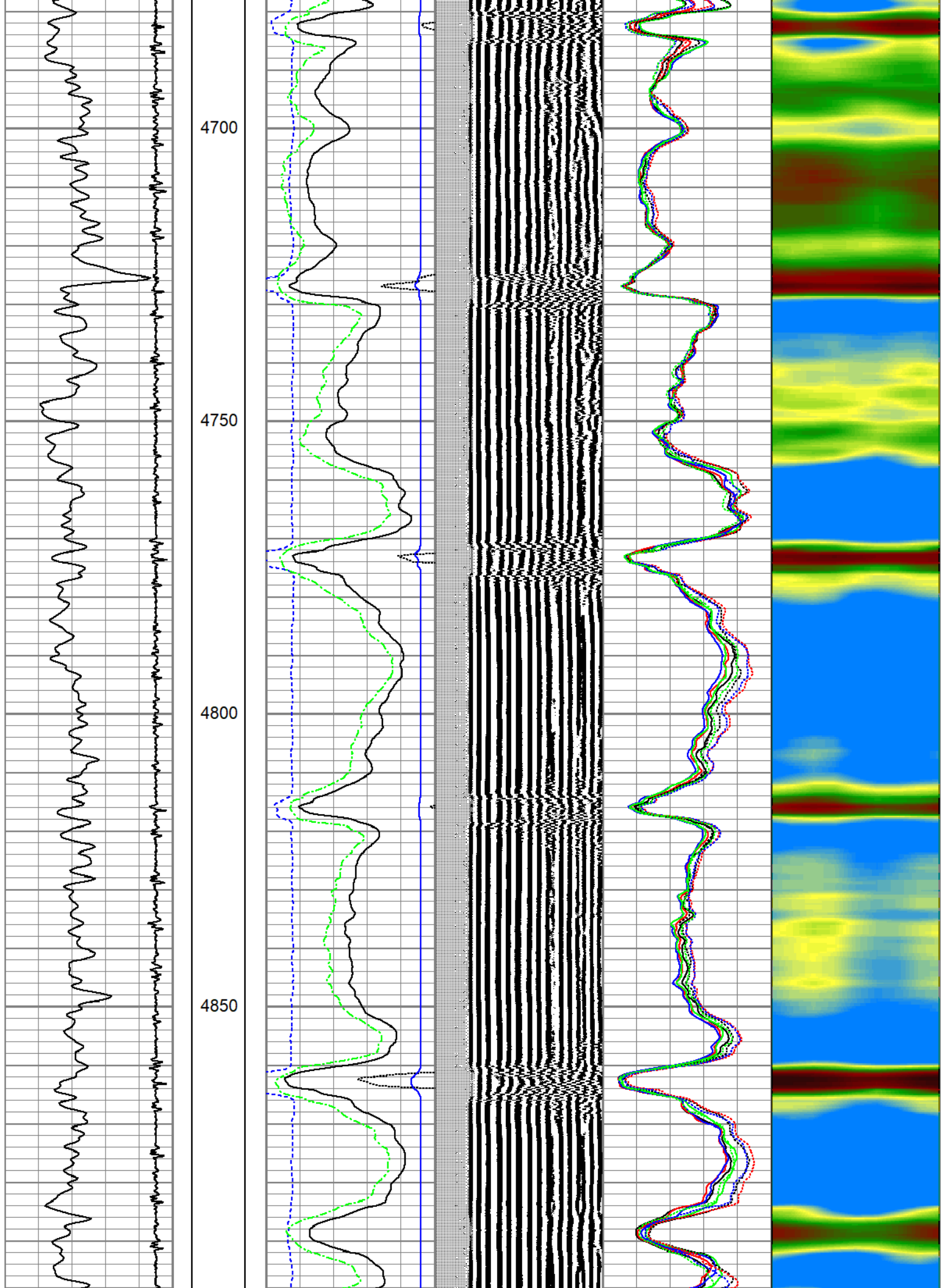


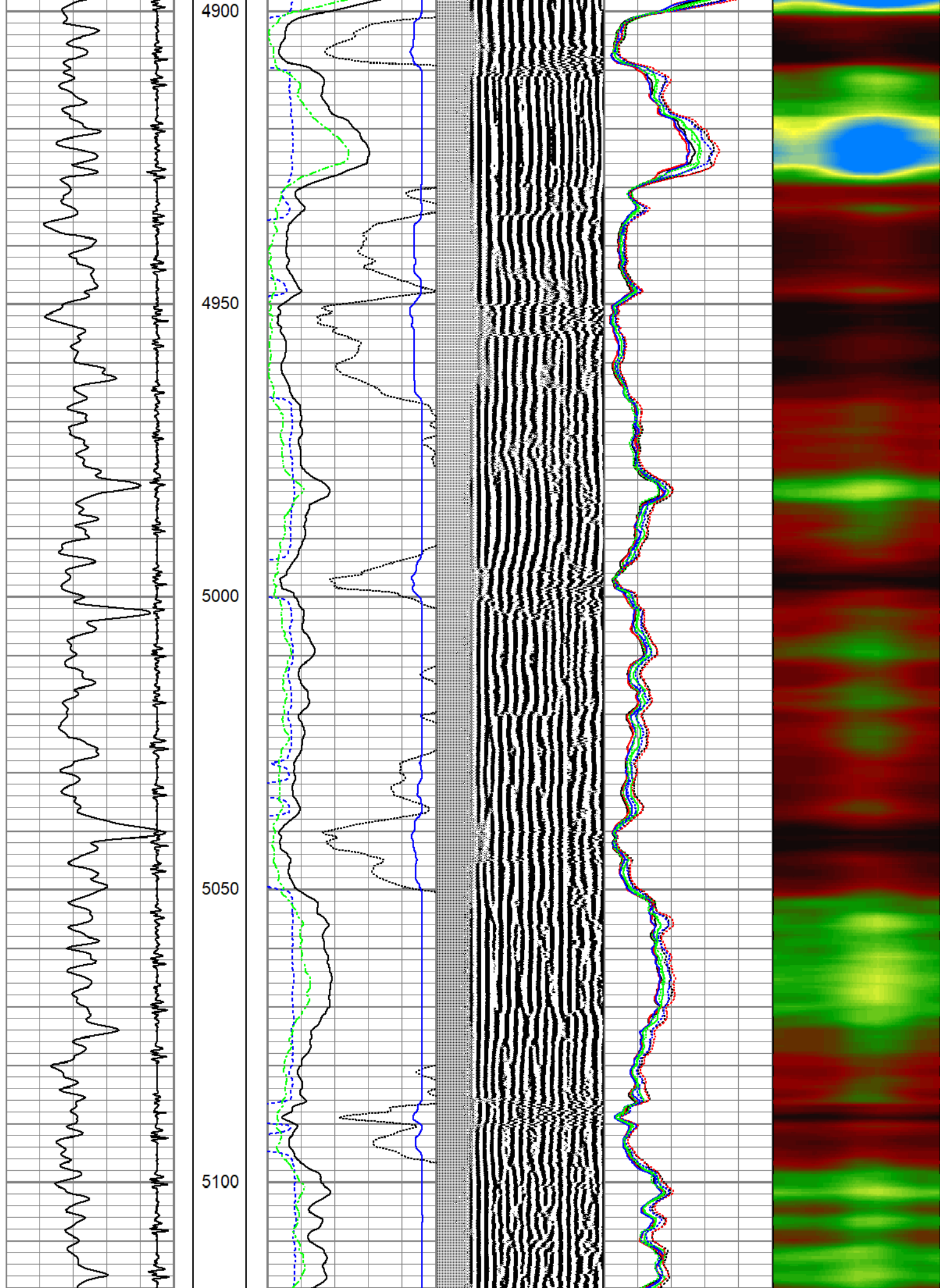


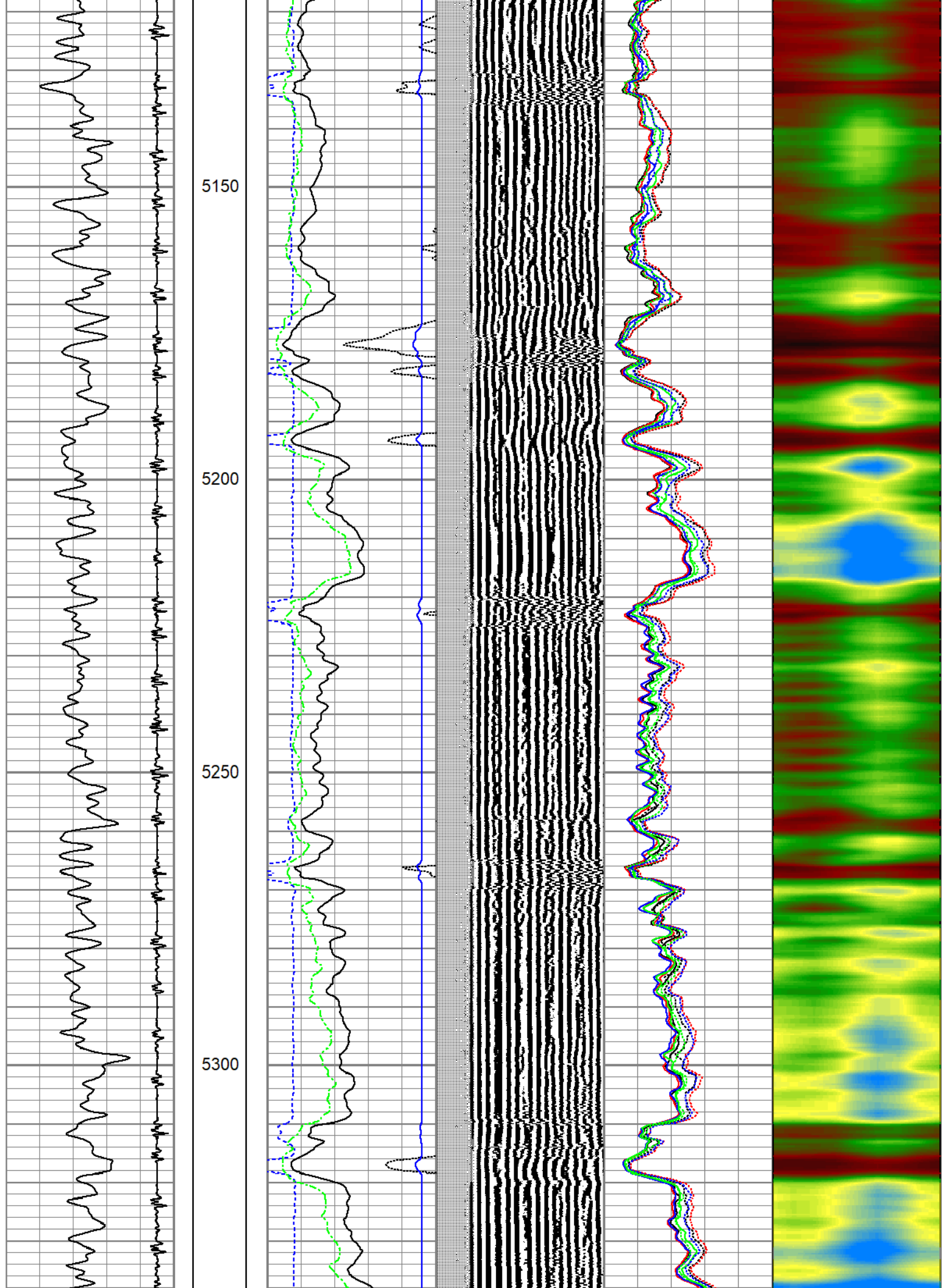


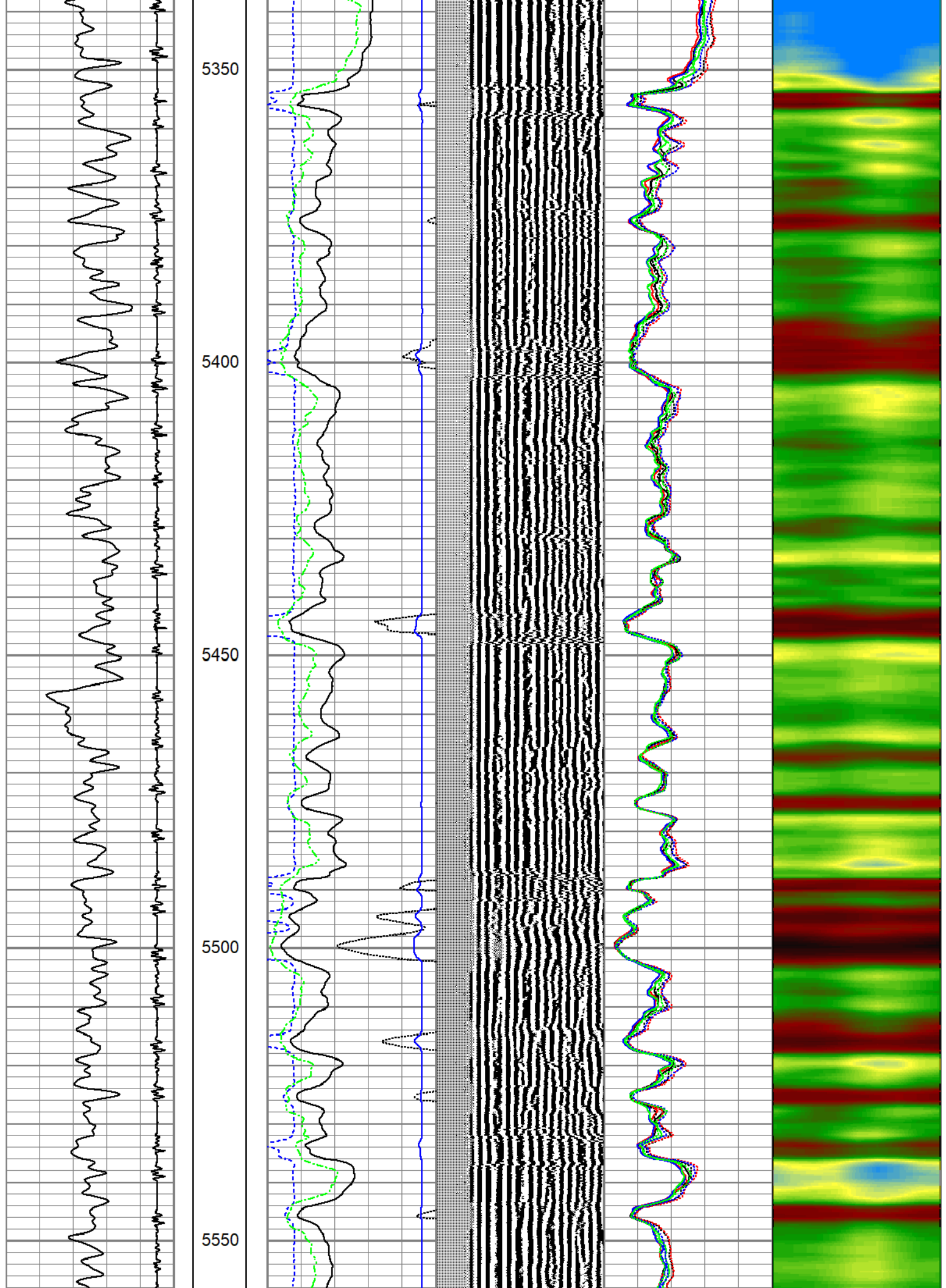


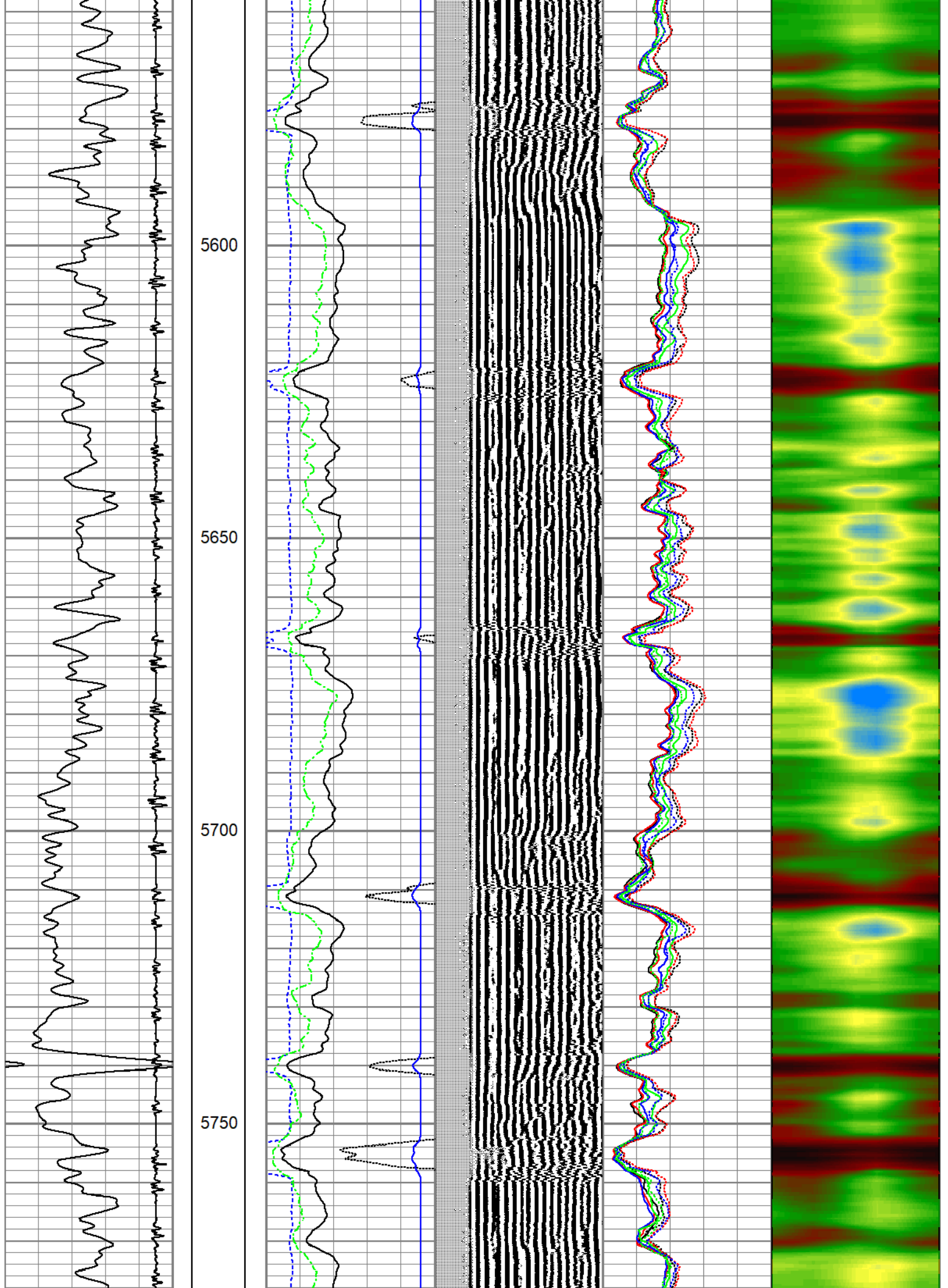


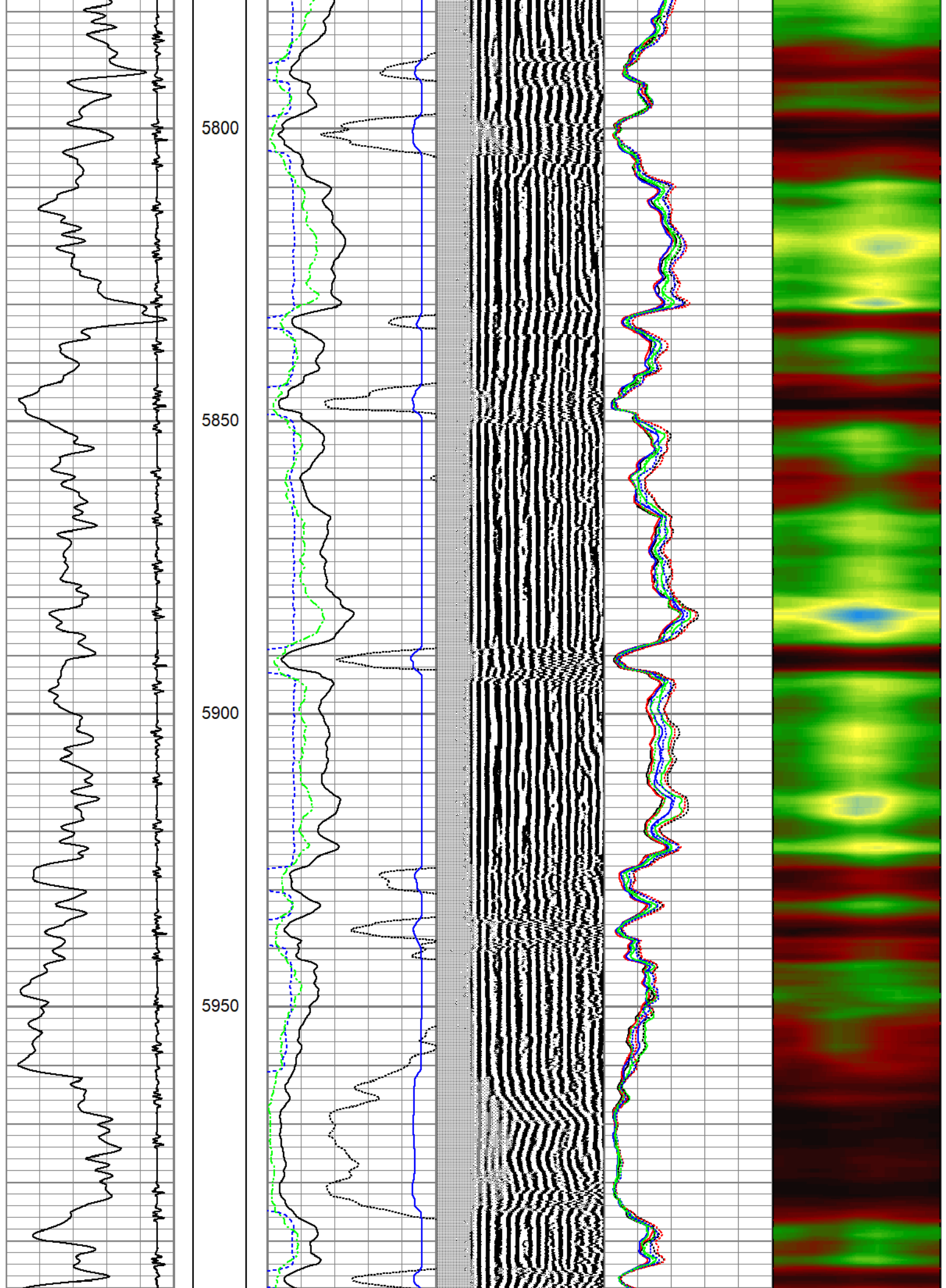


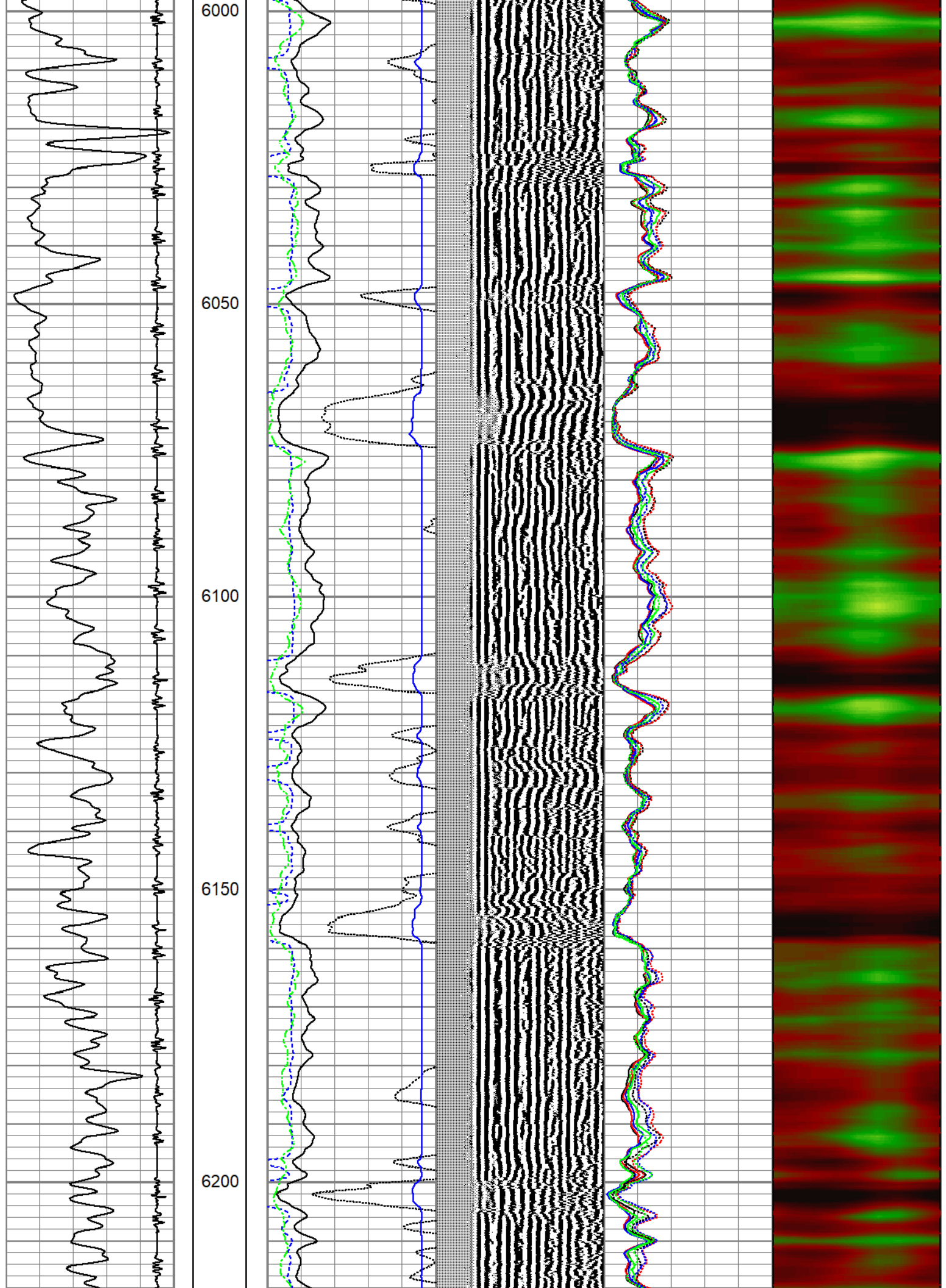


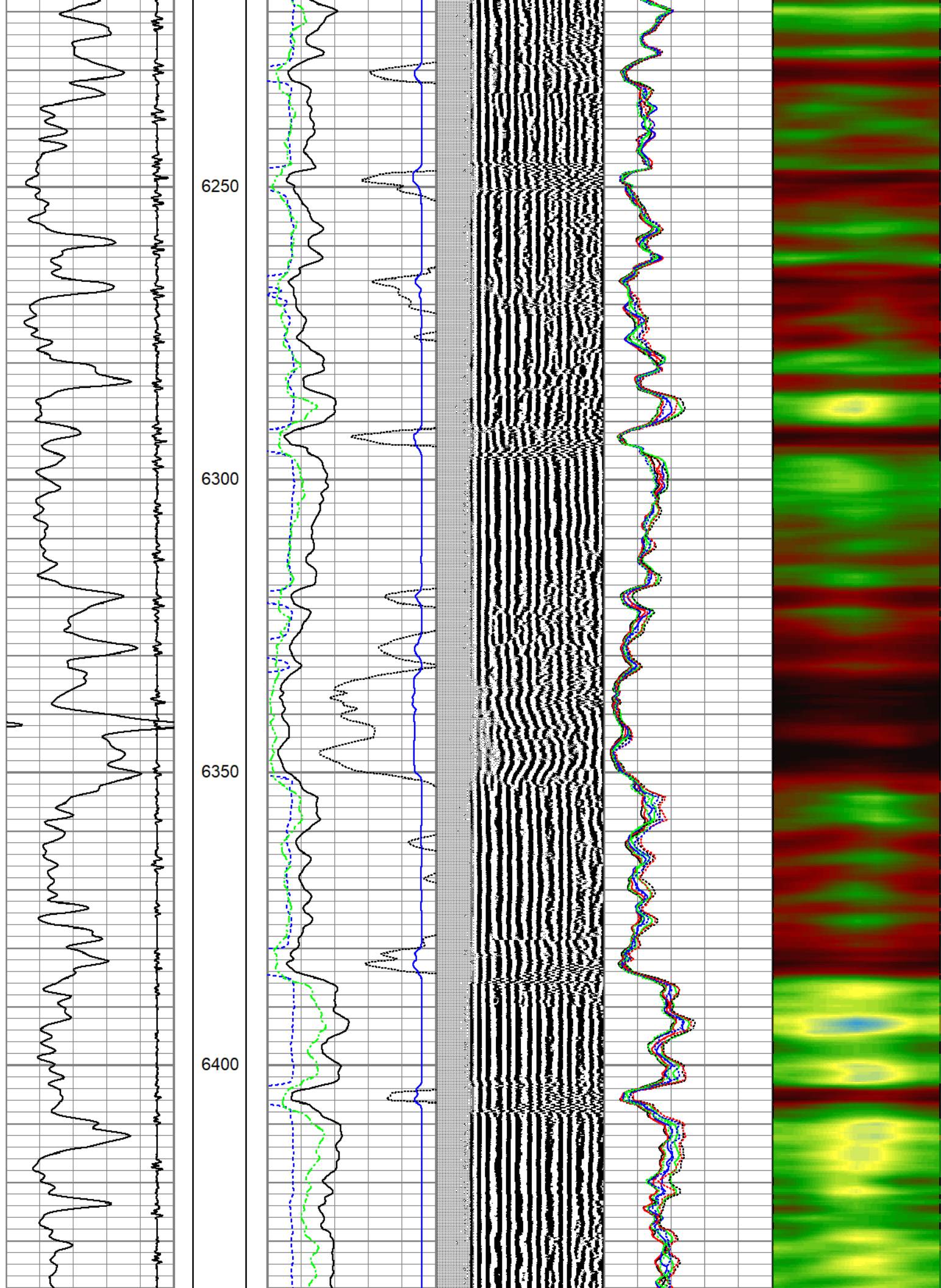


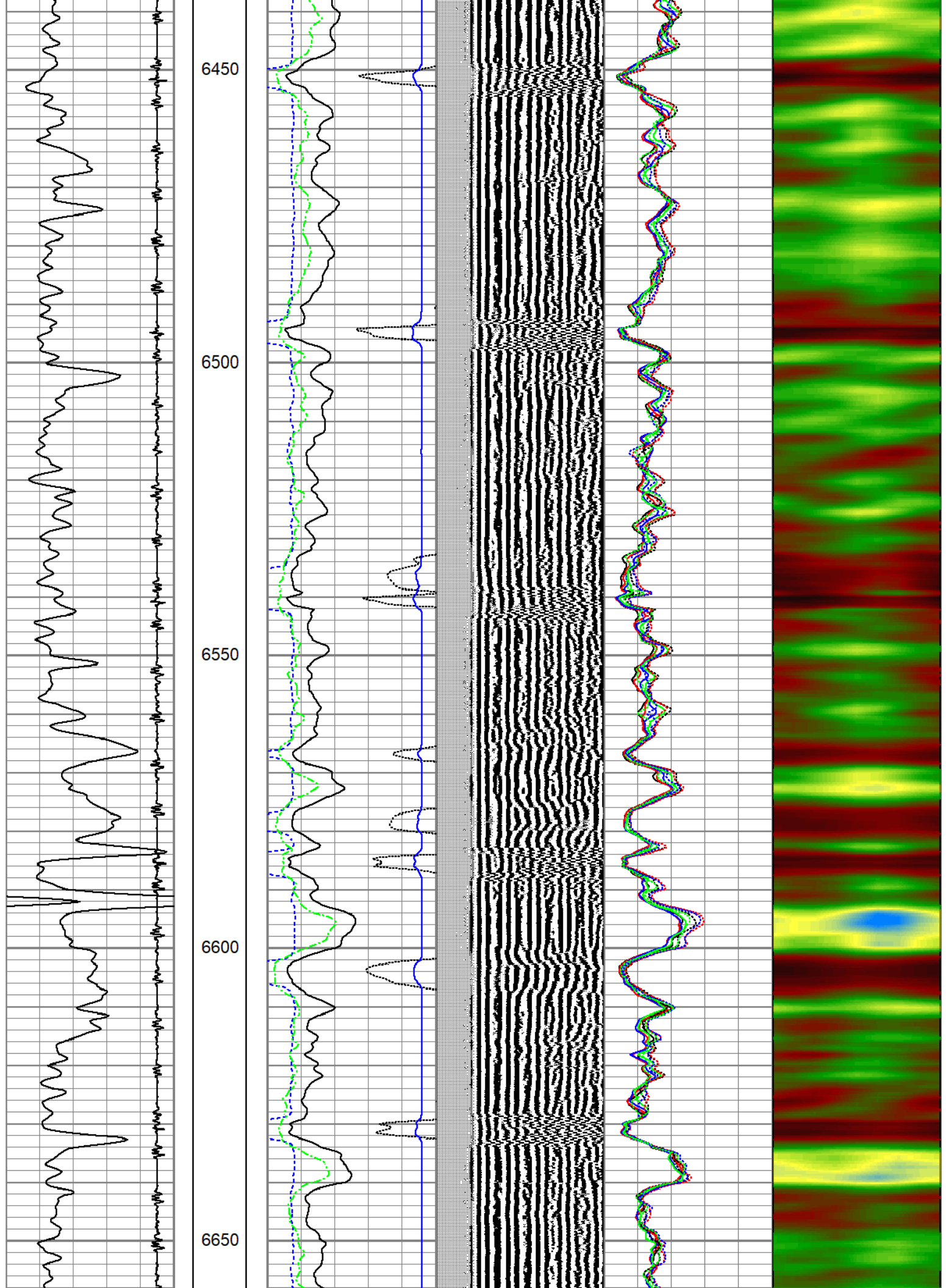


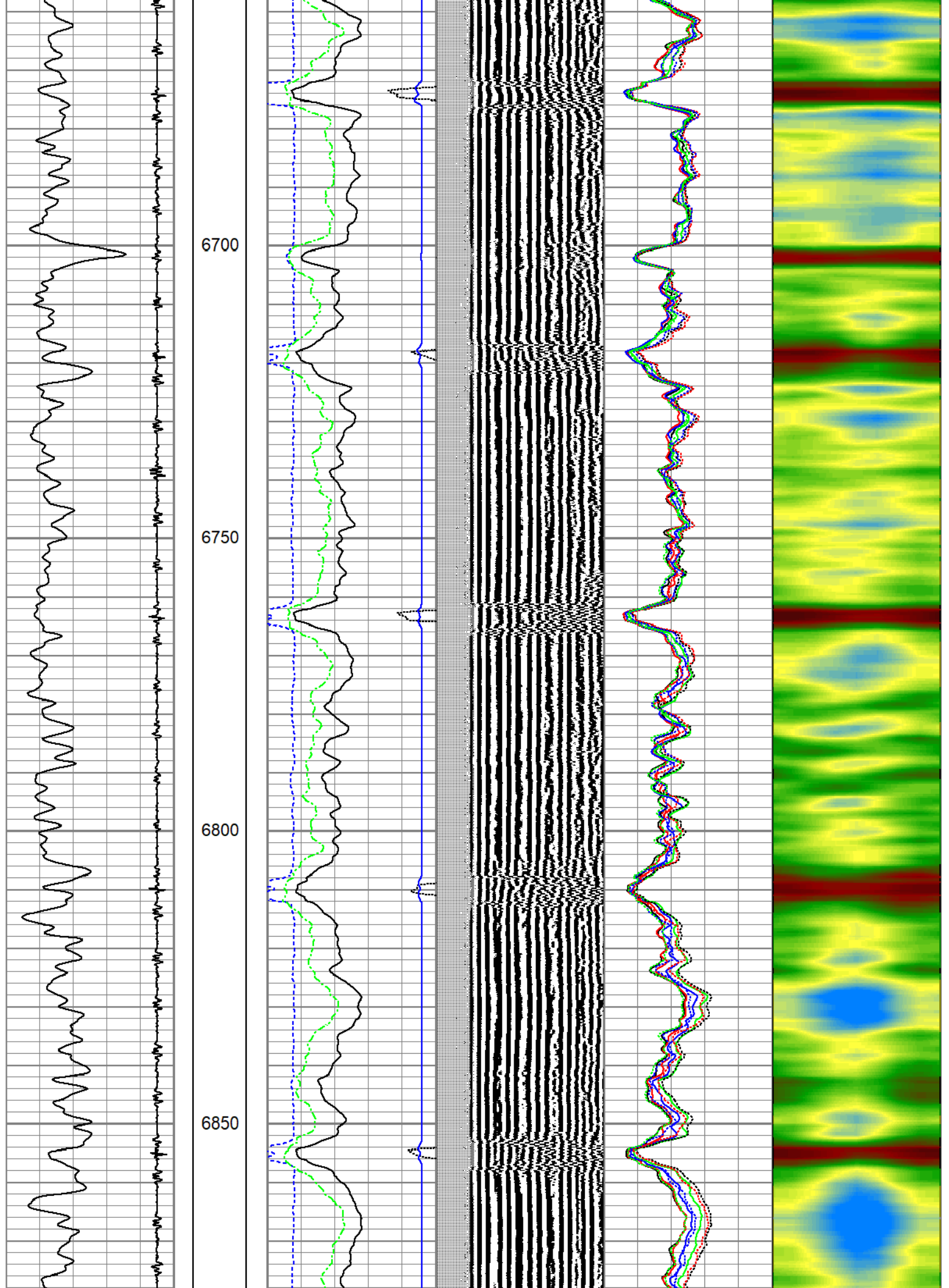


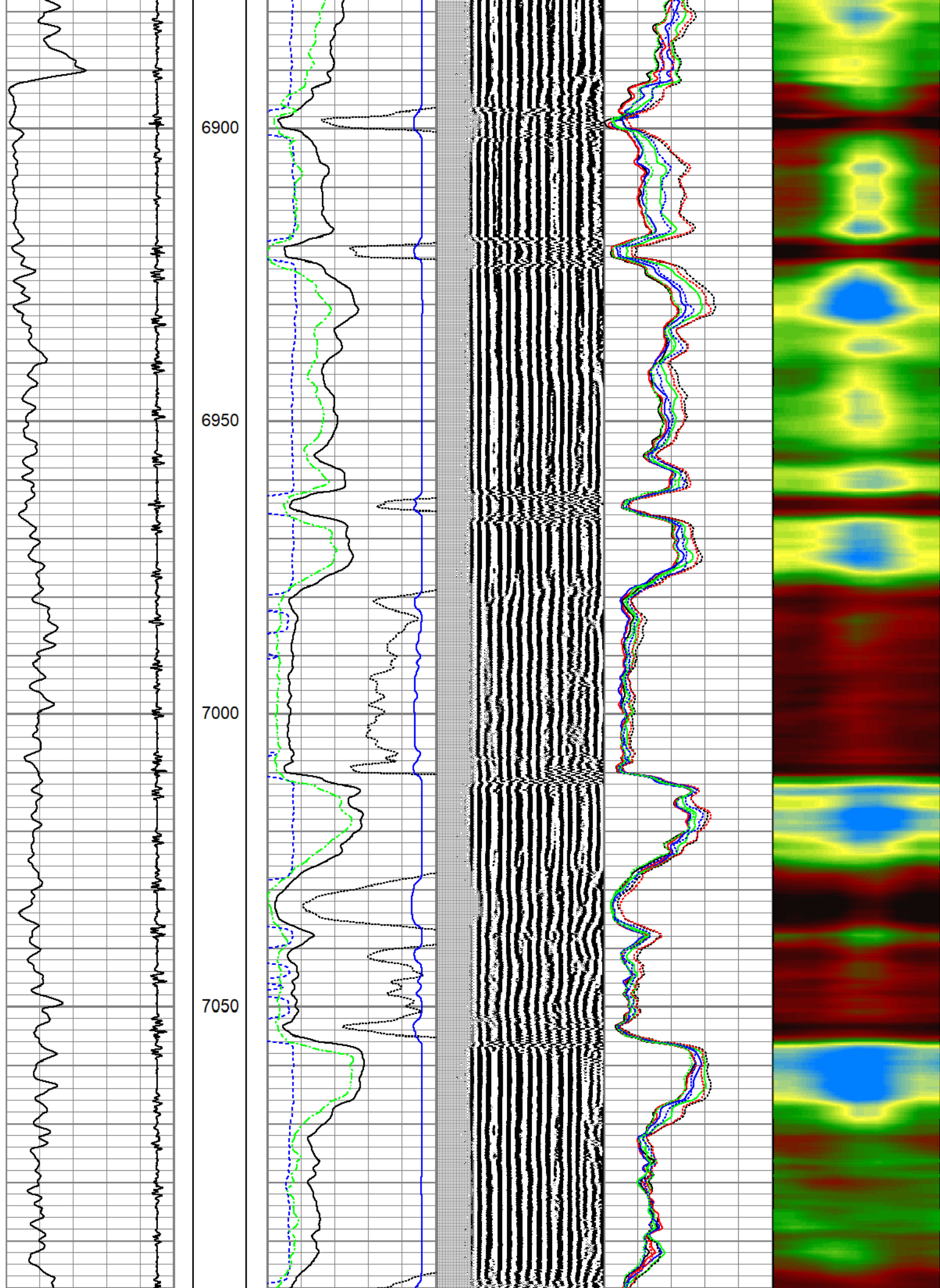


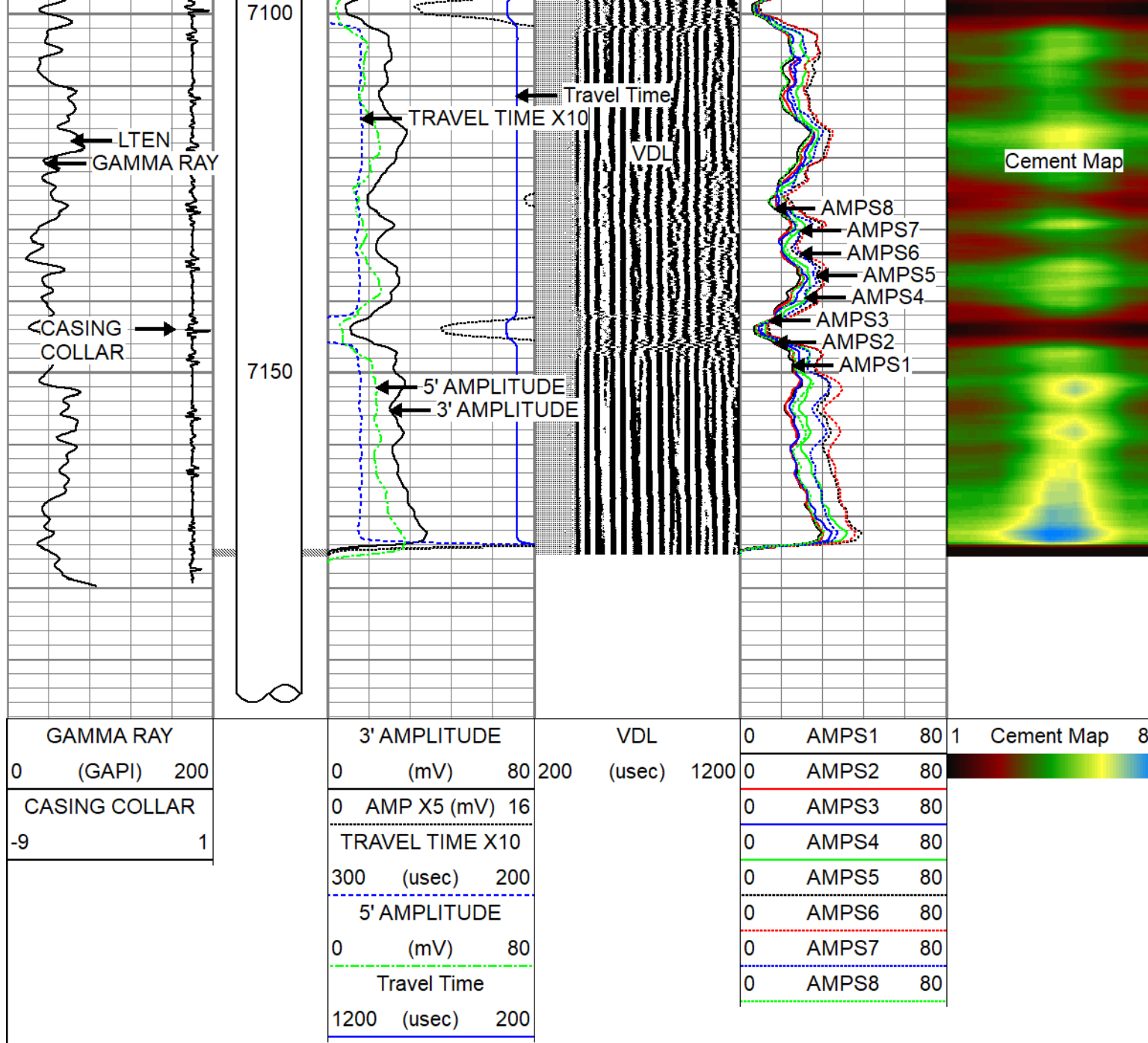




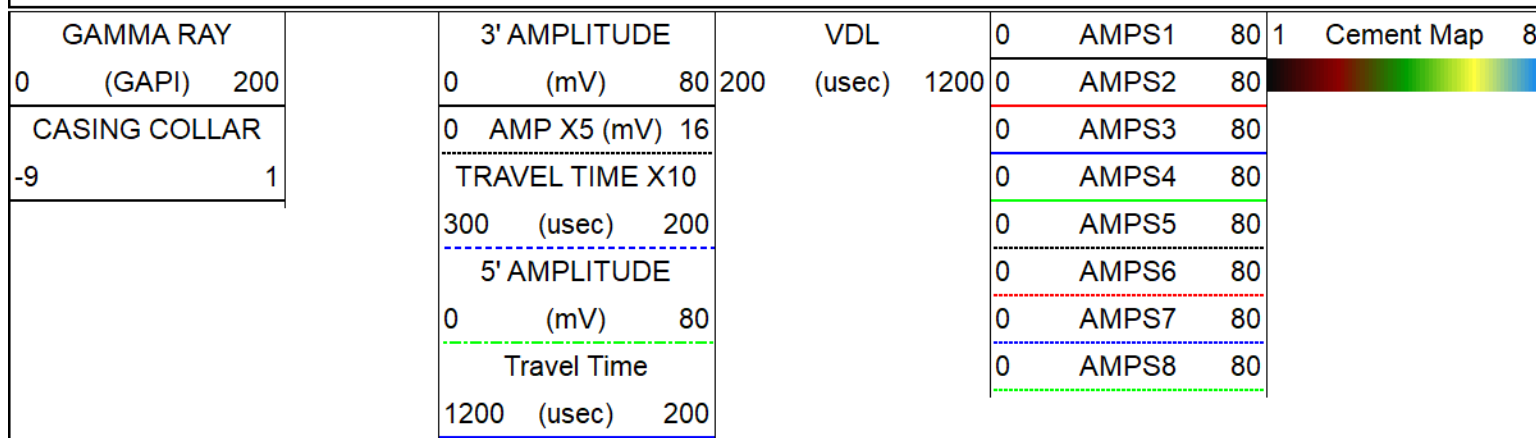


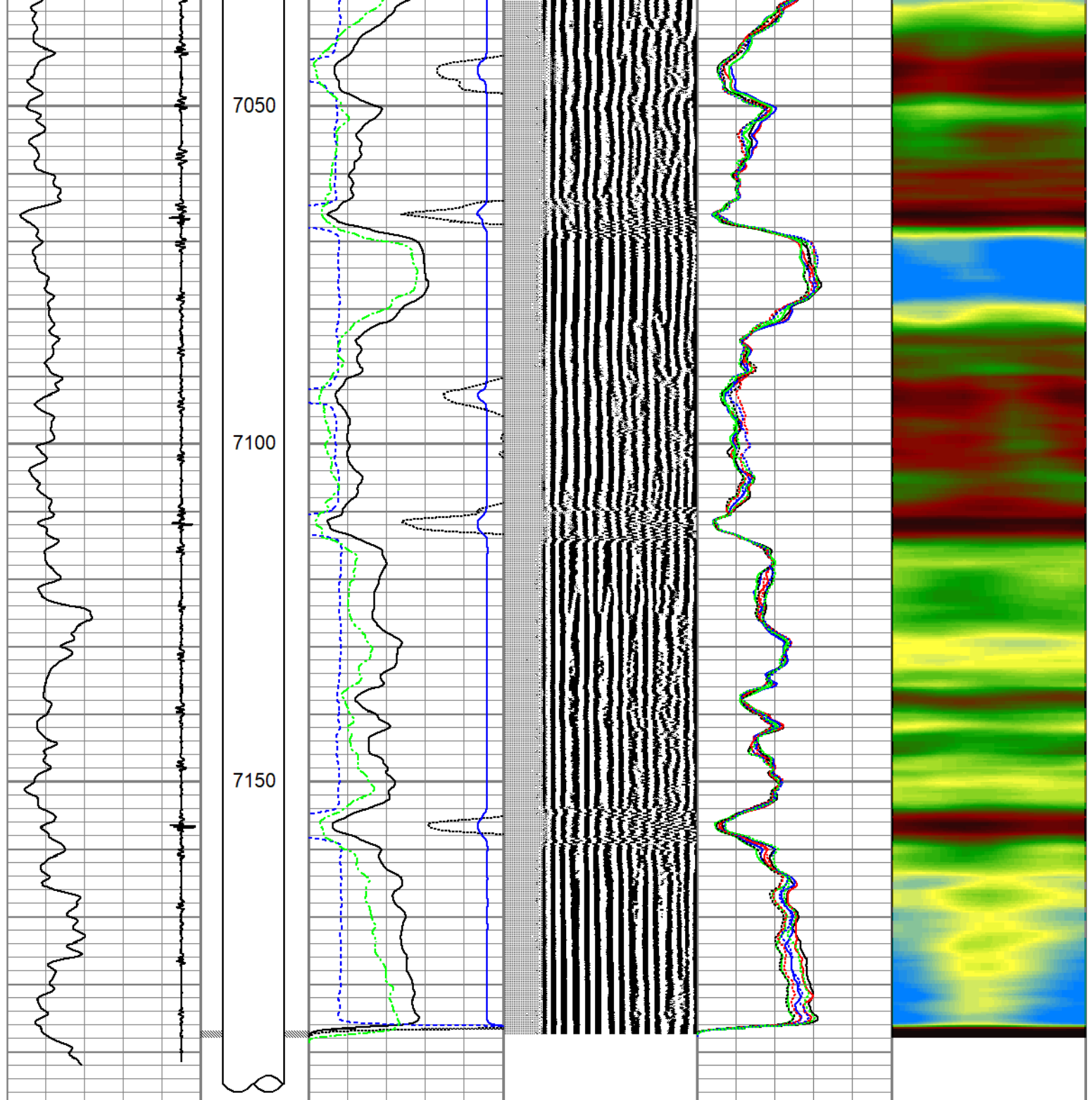






Database File djrresourcesnorthalamitoswd1rce.db
Dataset Pathname pass4
Presentation Format rst7inplo
Dataset Creation Tue Oct 27 09:41:56 2020
Charted by Depth in Feet scaled 1:240





GAMMA RAY (GAPI)	0	200	3' AMPLITUDE (mV)	0	80	VDL (usec)	200	1200	0	AMPS1	80	1	Cement Map	8
									0	AMPS2	80			
CASING COLLAR	-9	1	AMP X5 (mV)	0	16	TRAVEL TIME X10 (usec)	300	200	0	AMPS3	80			
									0	AMPS4	80			
			5' AMPLITUDE (mV)	0	80	Travel Time (usec)	1200	200	0	AMPS5	80			
									0	AMPS6	80			
									0	AMPS7	80			
									0	AMPS8	80			

Database File djrresourcesnorthalamitoswd1rce.db
Dataset Pathname pass5
Dataset Creation Tue Oct 27 09:45:59 2020

Gamma Ray Calibration Report

Serial Number: 060634
Tool Model: Probe
Performed: Mon Jul 13 10:45:20 2020

Calibrator Value: 360.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 360.0 cps

Sensitivity: 0.8000 GAPI/cps

Temperature Calibration Report

Serial Number: 060634
Tool Model: Probe
Performed: (Not Performed)

	Reference	Reading
Low Reference:	0.00 degF	0.00 degF
High Reference:	1.00 degF	1.00 degF
Gain:	1.00	
Offset:	0.00	
Delta Spacing	1	

Segmented Cement Bond Log Calibration Report

Serial Number: 060632
Tool Model: Probe

Calibration Casing Diameter: 5.500 in
Calibration Depth: 4031.383 ft

Master Calibration, performed Tue Oct 27 09:30:25 2020:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.451	0.450	71.000	157.153	0.120
CAL	0.483	0.652				
5'	0.004	0.452	0.450	71.000	157.577	-0.216
SUM						
S1	0.009	0.417	0.000	71.000	174.068	-1.611
S2	0.004	0.415	0.000	71.000	172.509	-0.632
S3	0.002	0.429	0.000	71.000	166.537	-0.366
S4	0.002	0.470	0.000	71.000	151.775	-0.315
S5	0.002	0.477	0.000	71.000	149.497	-0.356
S6	0.002	0.471	0.000	71.000	151.467	-0.353
S7	0.002	0.456	0.000	71.000	156.534	-0.321
S8	0.002	0.442	0.000	71.000	161.475	-0.363

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset

CAL	0.000	0.000	0.483	0.652	1.000	0.000
Air Zero Calibration, performed Tue Oct 27 09:09:37 2020:						
	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	