



Radial Bond Log
Gamma Ray/CCL

Company Bayswater Exploration
Well Arellano M-10-9HN
Field Wattenberg
County Weld State Colorado

Location: API #: 05-123-41107
NE 1/4 & SE 1/4
SEC 10 TWP 5N RGE 65W
Permanent Datum Ground Level Elevation 4,616'
Log Measured From Ground Level
Drilling Measured From 23' Above Permanent Datum
Other Services
N/A
Elevation
K.B. 4,593'
D.F. 4,592'
G.L. 4,616'

Date 14-July-2015

Run Number One
Depth Driller 13,671'
Depth Logger 6,824'
Bottom Logged Interval 6,814'
Top Log Interval Surface
Open Hole Size N/A
Type Fluid Water
Density / Viscosity N/A
Max. Recorded Temp. N/A
Estimated Cement Top
Time Well Ready Upon Arrival
Time Logger on Bottom 202
Equipment Number
Location Ault, CO
Recorded By Chris Blankenhorn
Witnessed By Caleb Brewer

Borehole Record
Run Number Bit From To Size Weight From To

Casing Record
Surface String Size 9 5/8" Wgt/Ft 36# Top Surface 792' Bottom 792'
Prot. String 7" 29# Surface 7,376'
Production String
Liner 4 1/2" 13.5# 6,475' 14,026'

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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

Thank you for using Cutters Wireline Services.
Your crew today: C. Blankenhorn, D. Morrow, J. Wilson, AJ Martin

720-289-8668

Calibration Report

Database File: bayswater arellano m-10-9hn.db
Dataset Pathname: pass9.1
Dataset Creation: Tue Jul 14 17:05:12 2015 by Calc 7.0 B1

Serial Number: 275D_with_INC
Tool Model: 275D_INC
Performed: Tue Jan 15 11:42:10 2013

Calibrator Value: 300.0 GAPI
Background Reading: 0.0 cps
Calibrator Reading: 400.0 cps
Sensitivity: 0.7375 GAPI/cps

Inclinometer Calibration Report

Performed: Fri Apr 04 16:42:15 2008

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-3579.00	3617.00	-1.00	1.00	gee
Y Accelerometer	-3671.40	3529.80	-1.00	1.00	gee
Z Accelerometer	-20.40	3584.00	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number: 110217
Tool Model: Probe
Calibration Casing Diameter: 7.000 in
Calibration Depth: 4680.075 ft

Master Calibration, performed Tue Jul 14 17:05:03 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.409	1.000	65.000	161.718	-1.080
CAL	0.003	0.572				
5'	0.003	0.350	1.000	65.000	184.544	0.388
SUM						
S1	0.014	0.341	0.250	100.000	304.775	-3.877
S2	0.007	0.431	0.250	100.000	235.349	-1.382
S3	0.003	0.525	0.250	100.000	190.831	-0.260
S4	0.011	0.543	0.250	100.000	187.565	-1.811
S5	0.025	0.465	0.250	100.000	226.897	-5.499
S6	0.065	0.374	0.250	100.000	323.293	-20.877
S7	0.049	0.319	0.250	100.000	369.763	-17.928
S8	0.013	0.306	0.250	100.000	340.498	-4.236

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.003	0.572	1.000	0.000

Air Zero Calibration, performed Tue Jul 14 11:04:53 2015:

	Raw (v)		Calibrated (v)		Results	
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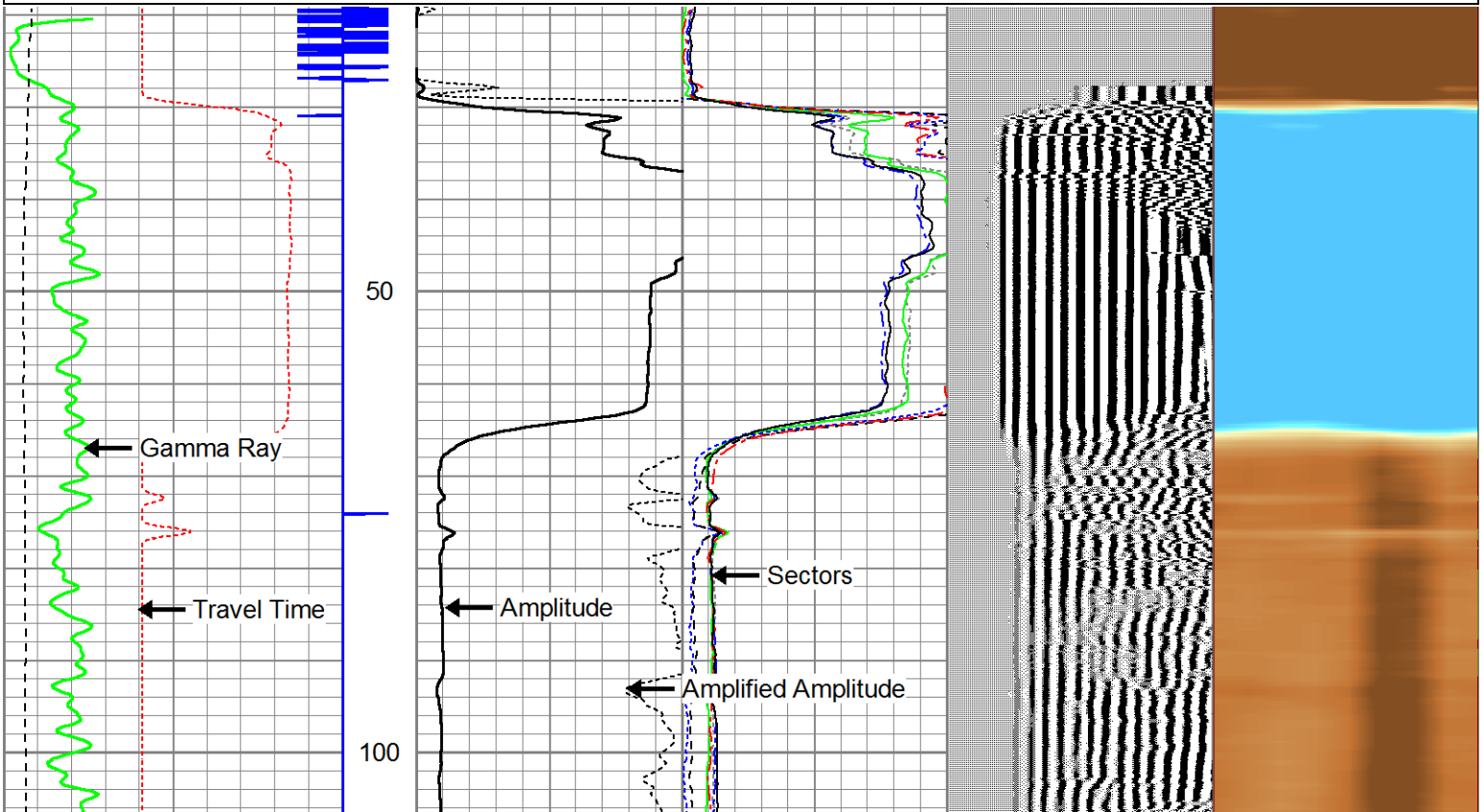
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

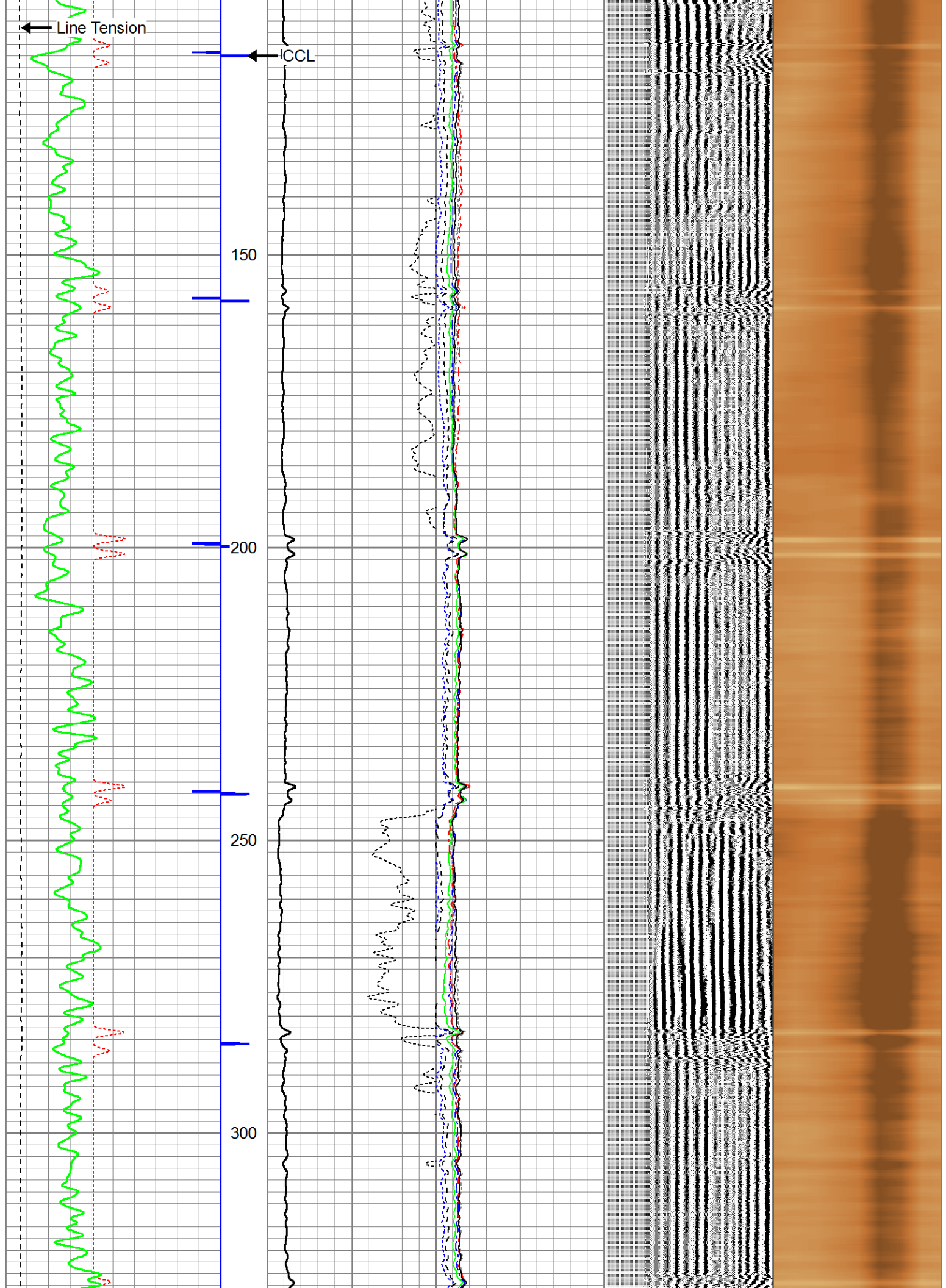


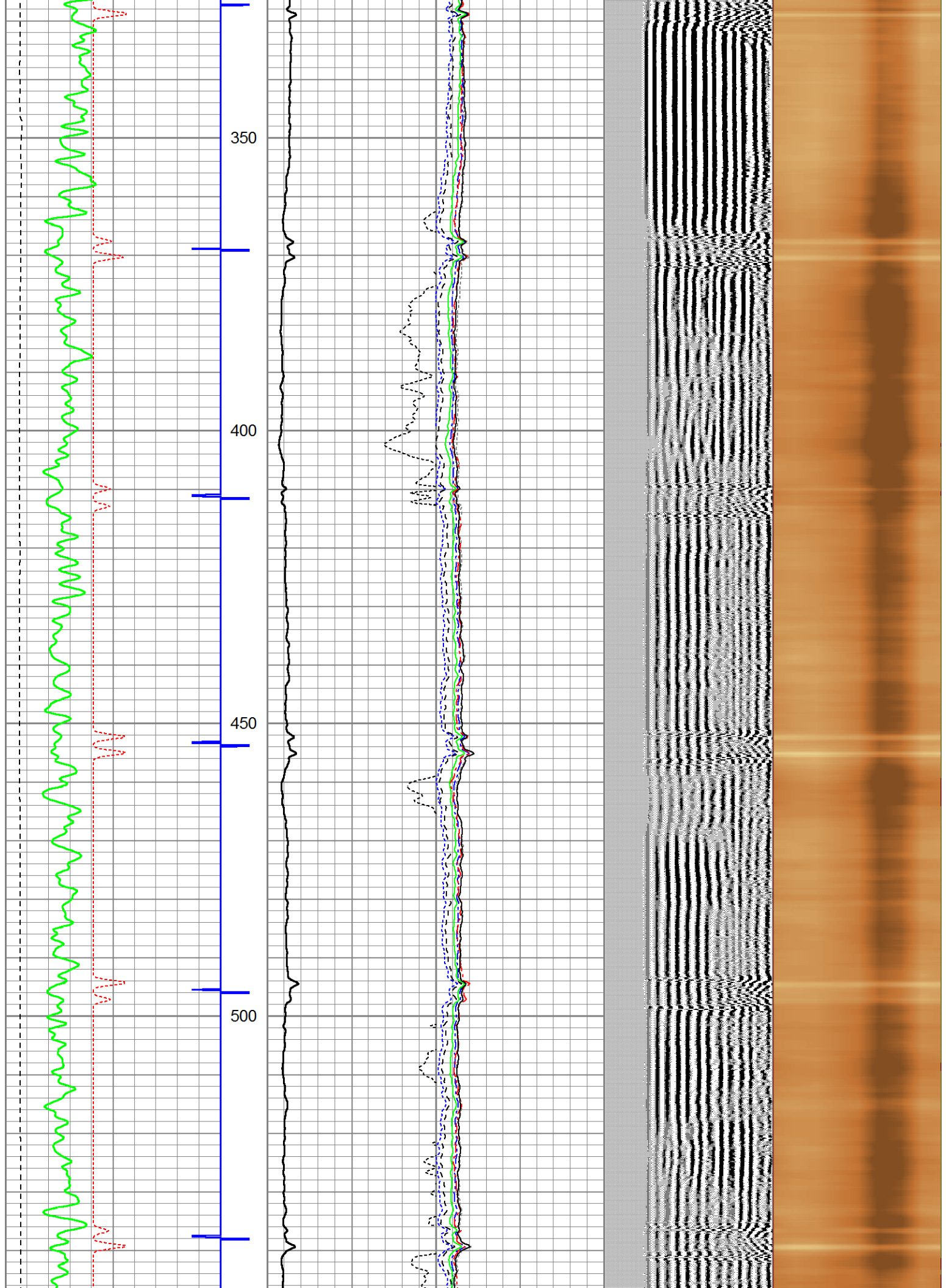
Main Pass @ 1000 PSI

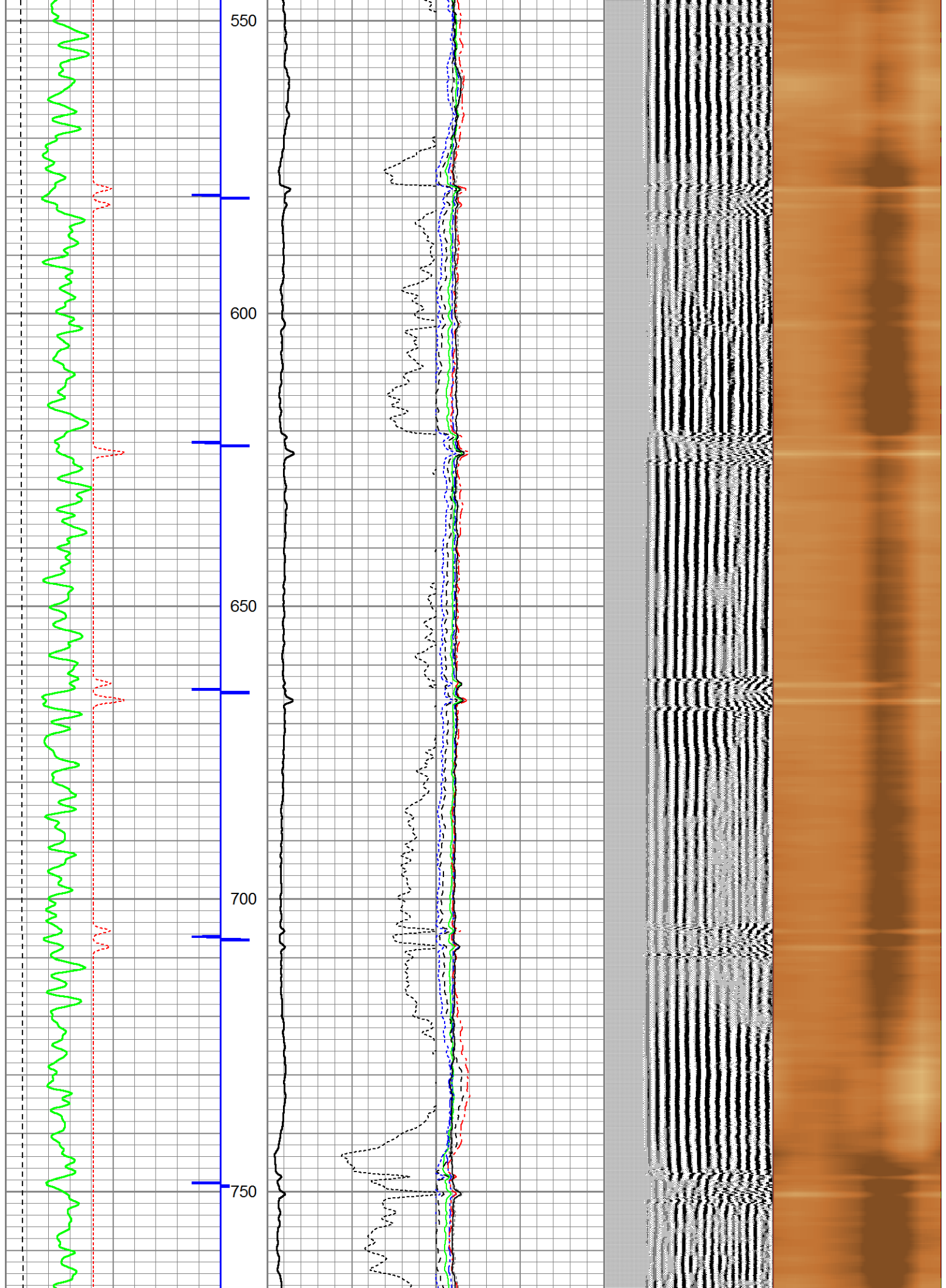
Database File: bayswater arellano m-10-9hn.db
Dataset Pathname: pass9.1
Presentation Format: anadarko
Dataset Creation: Tue Jul 14 17:05:12 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

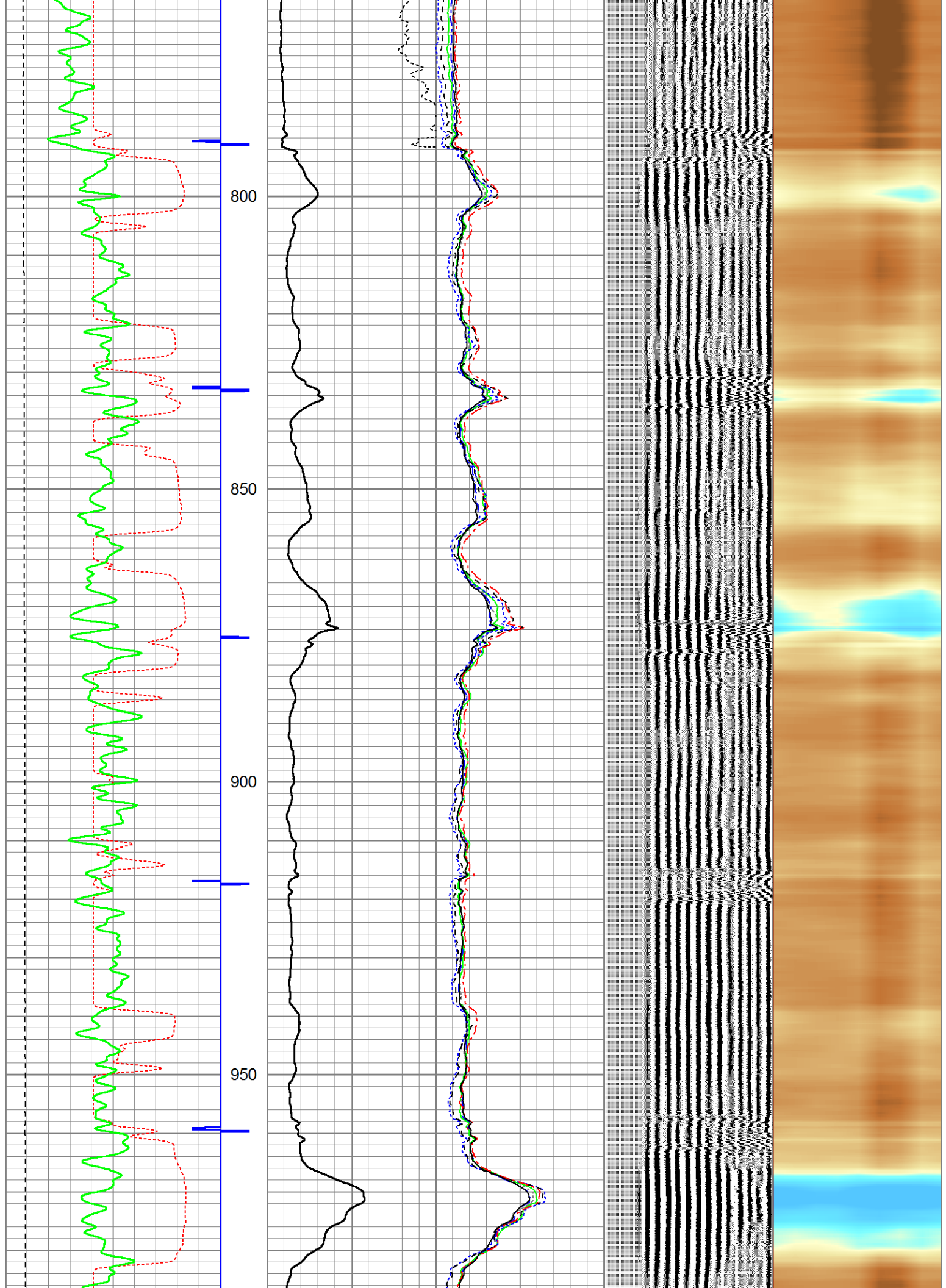
360	TT (usec)	260	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	150		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	4000	0	(mV)	10	-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

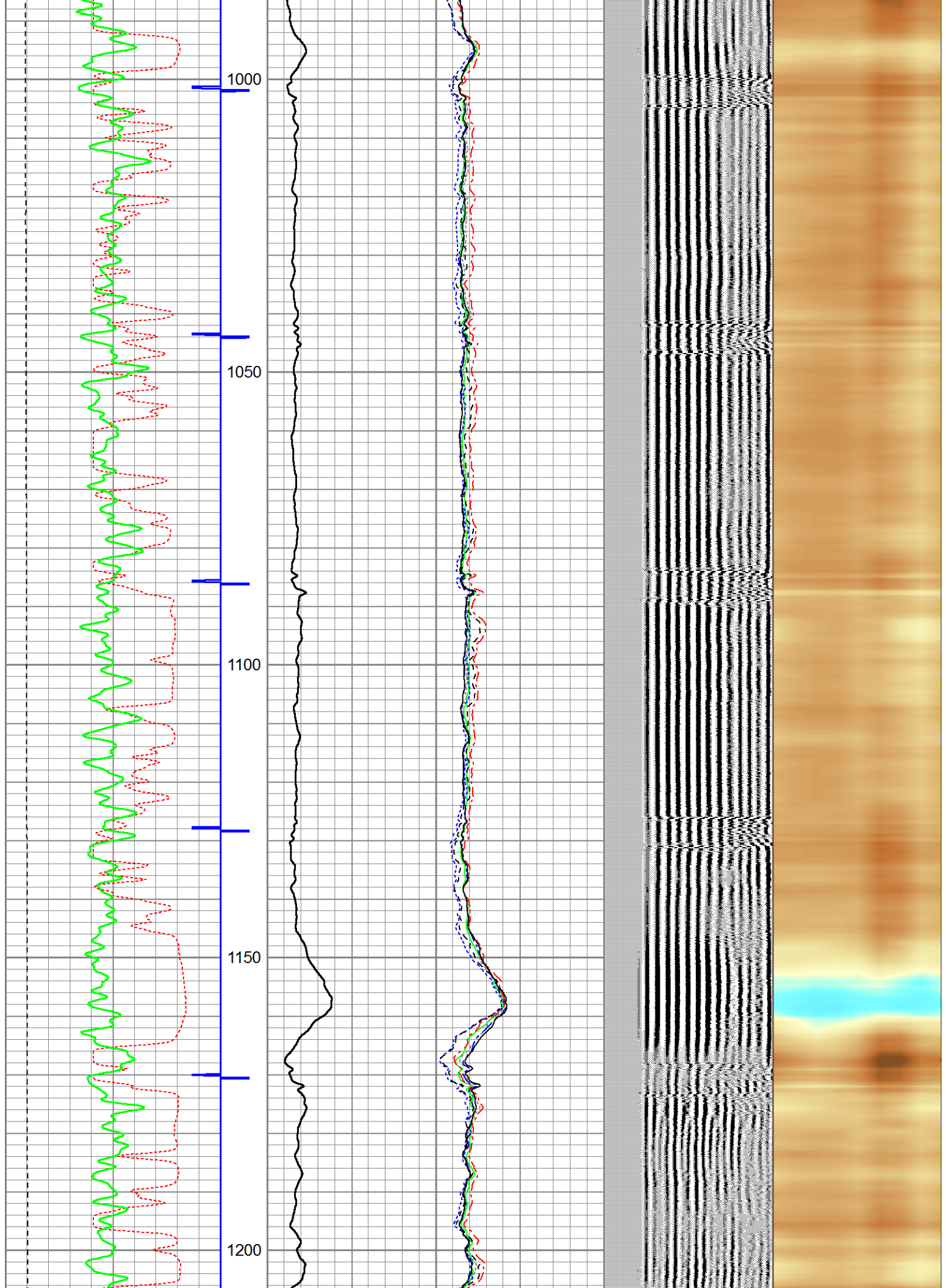


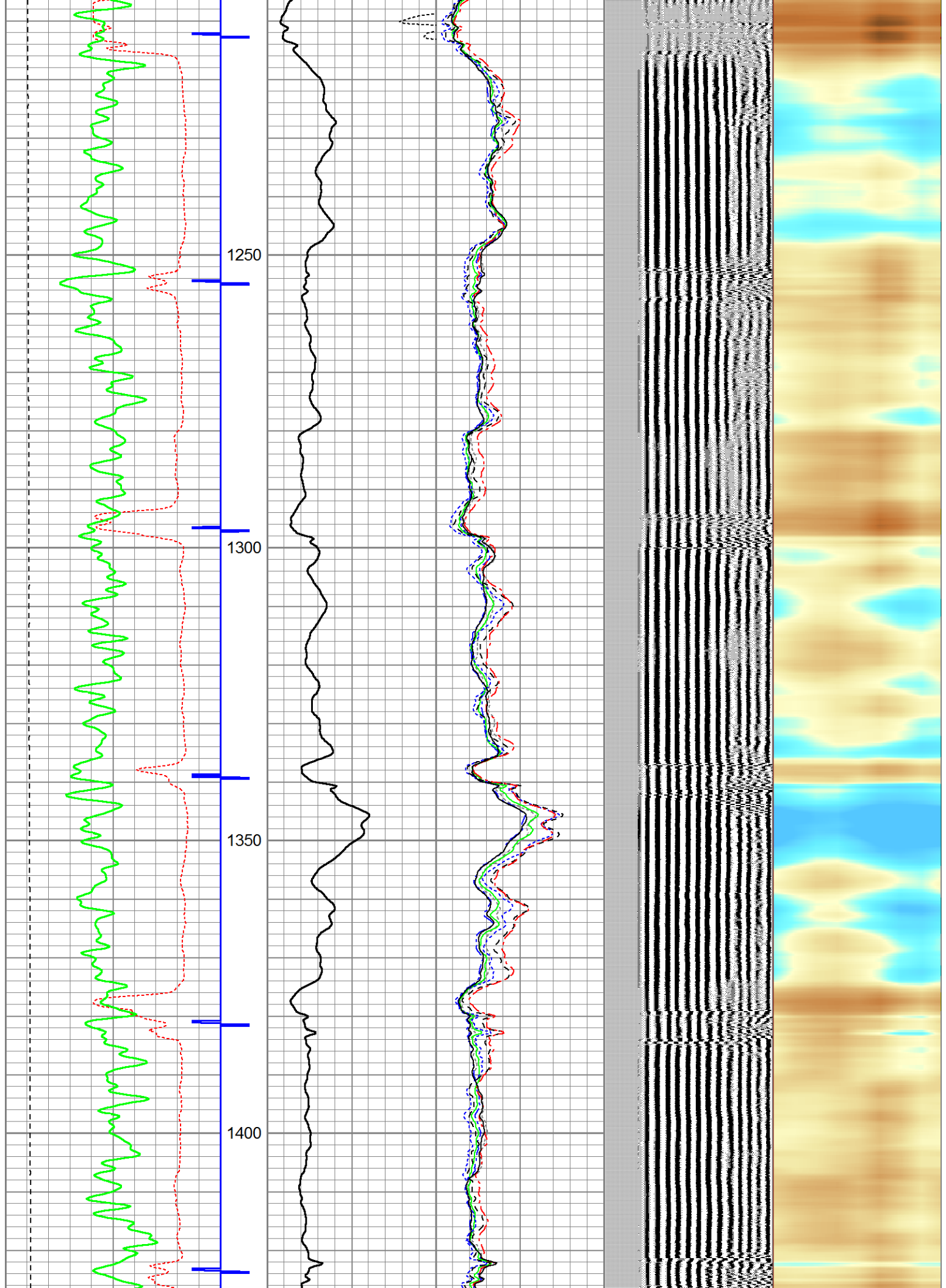


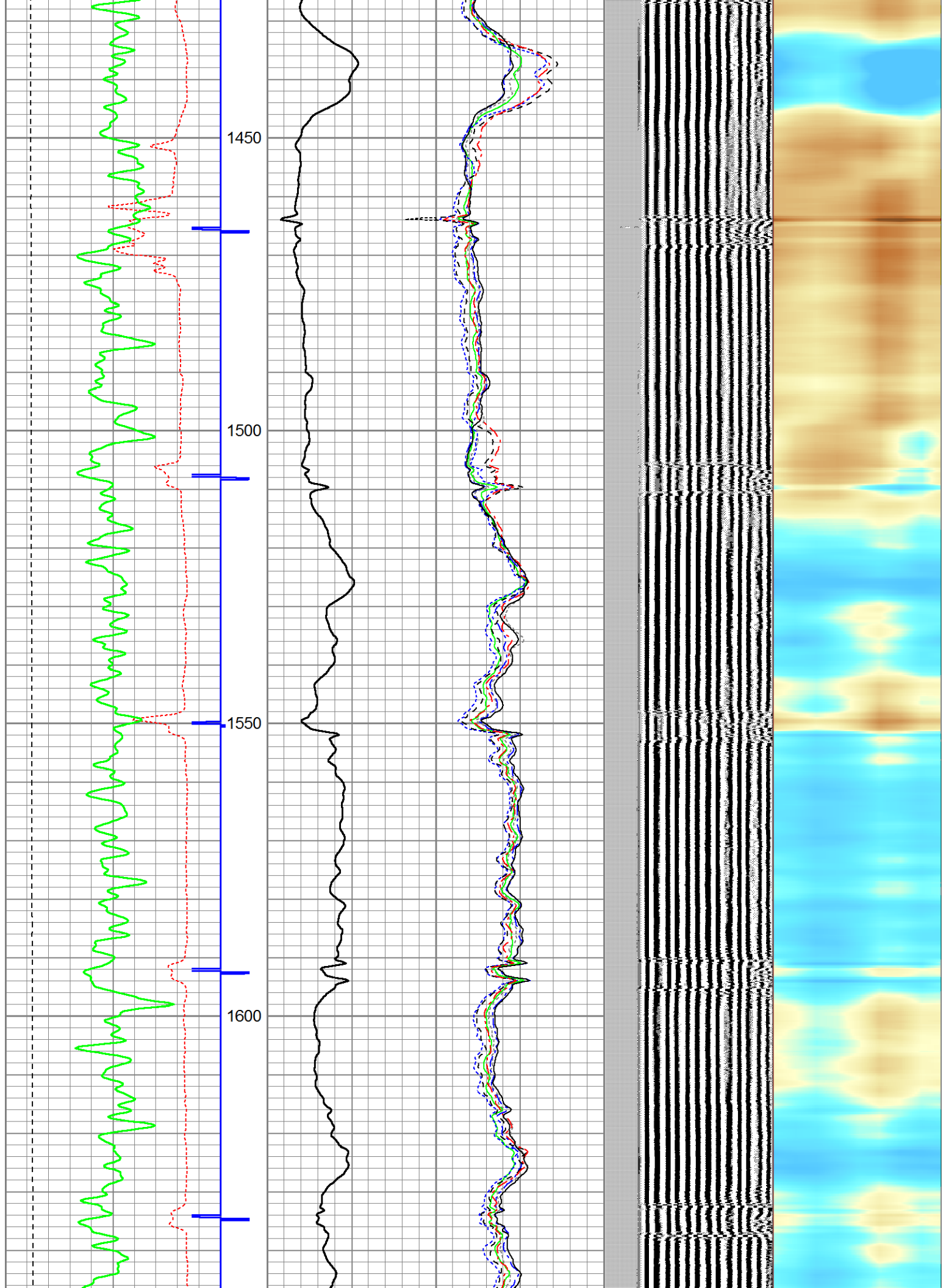


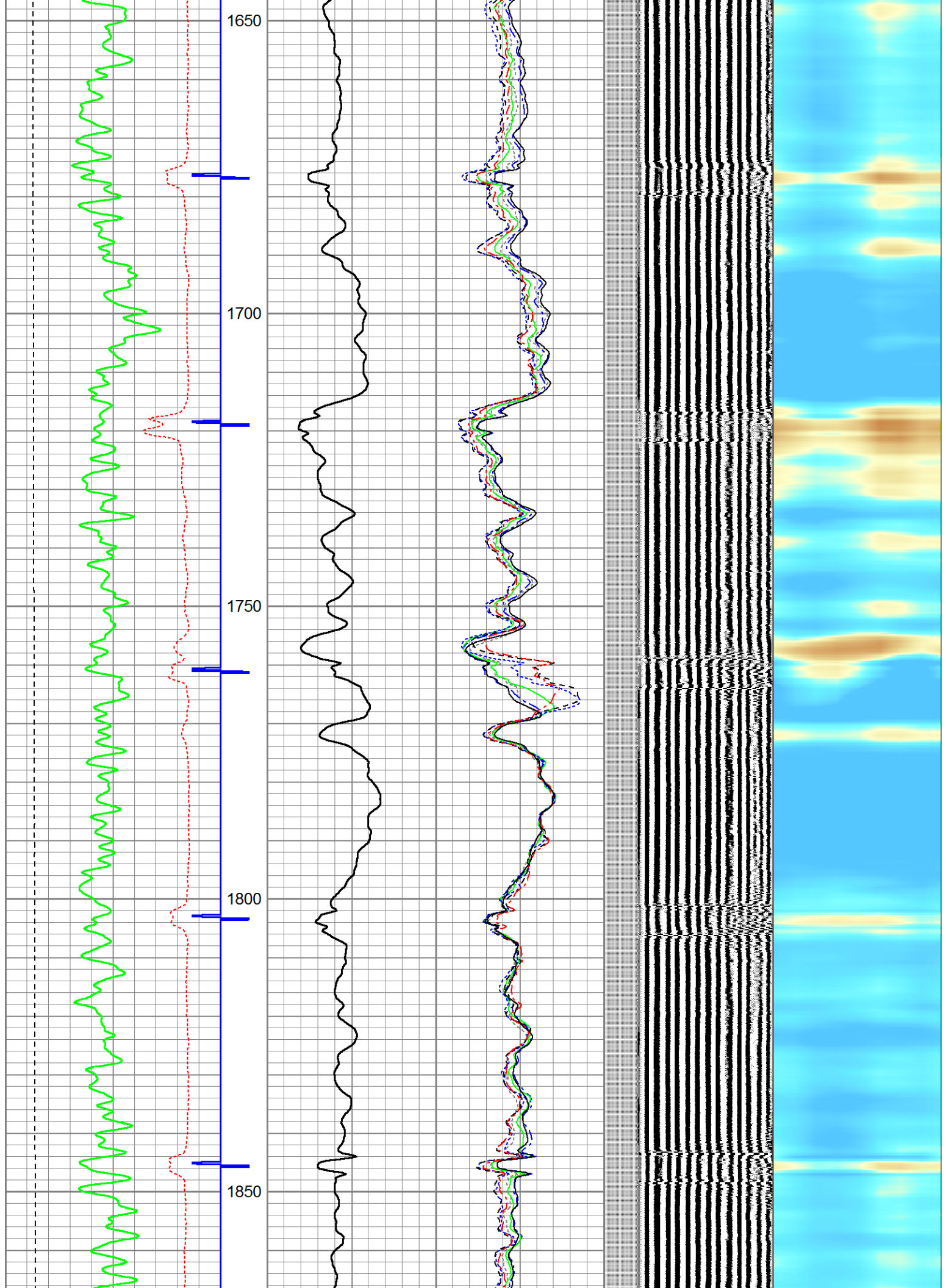


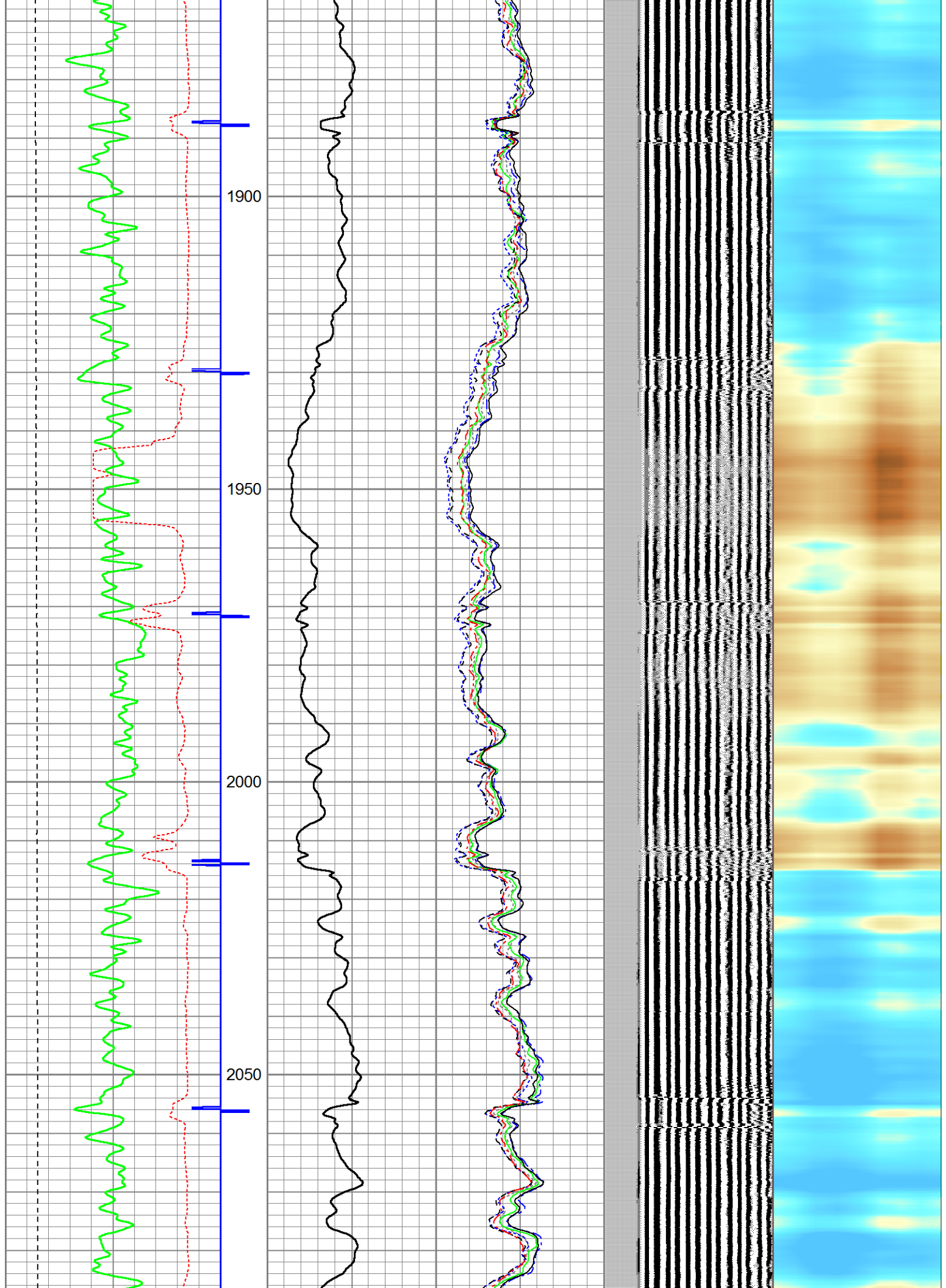


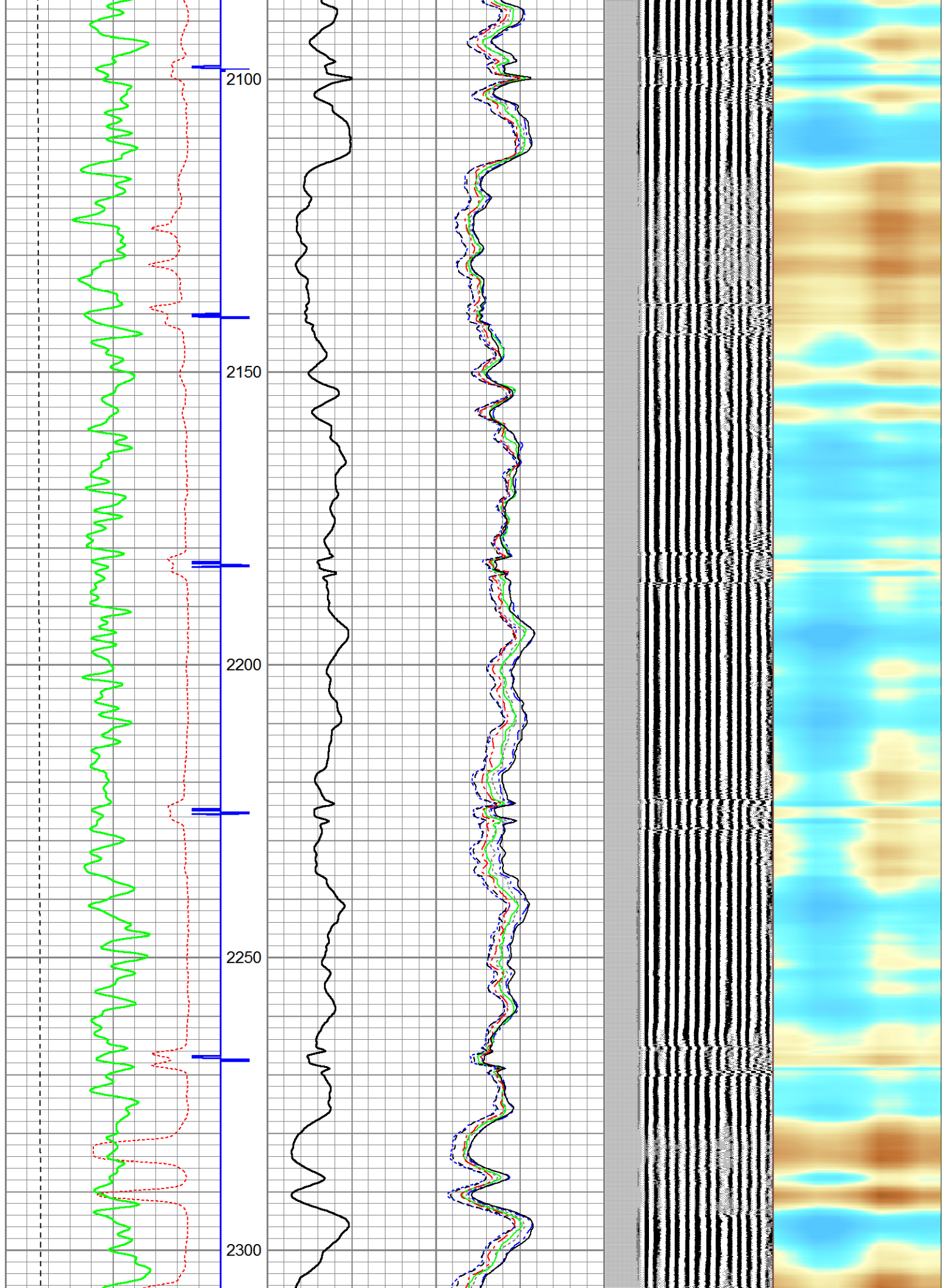


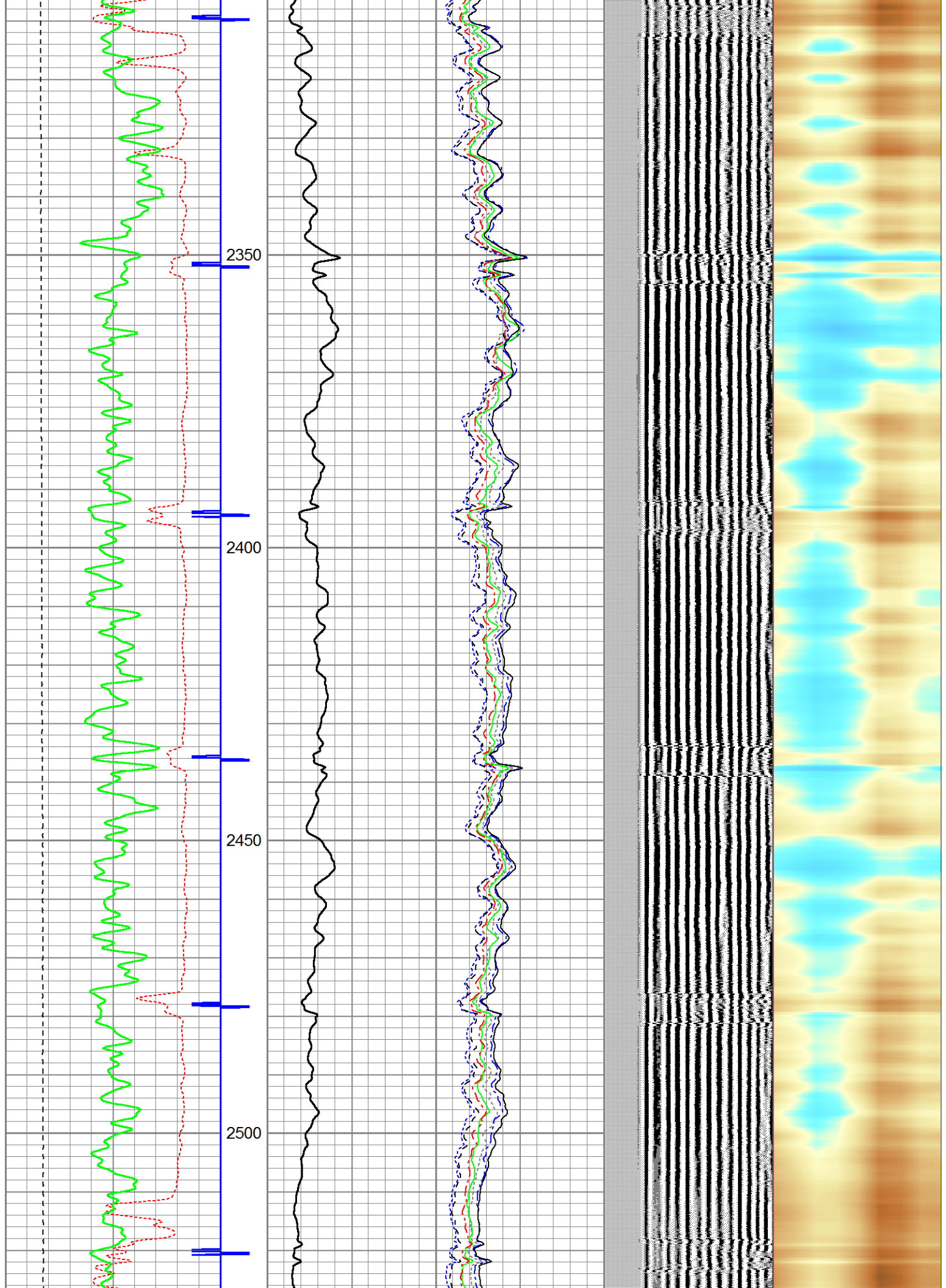


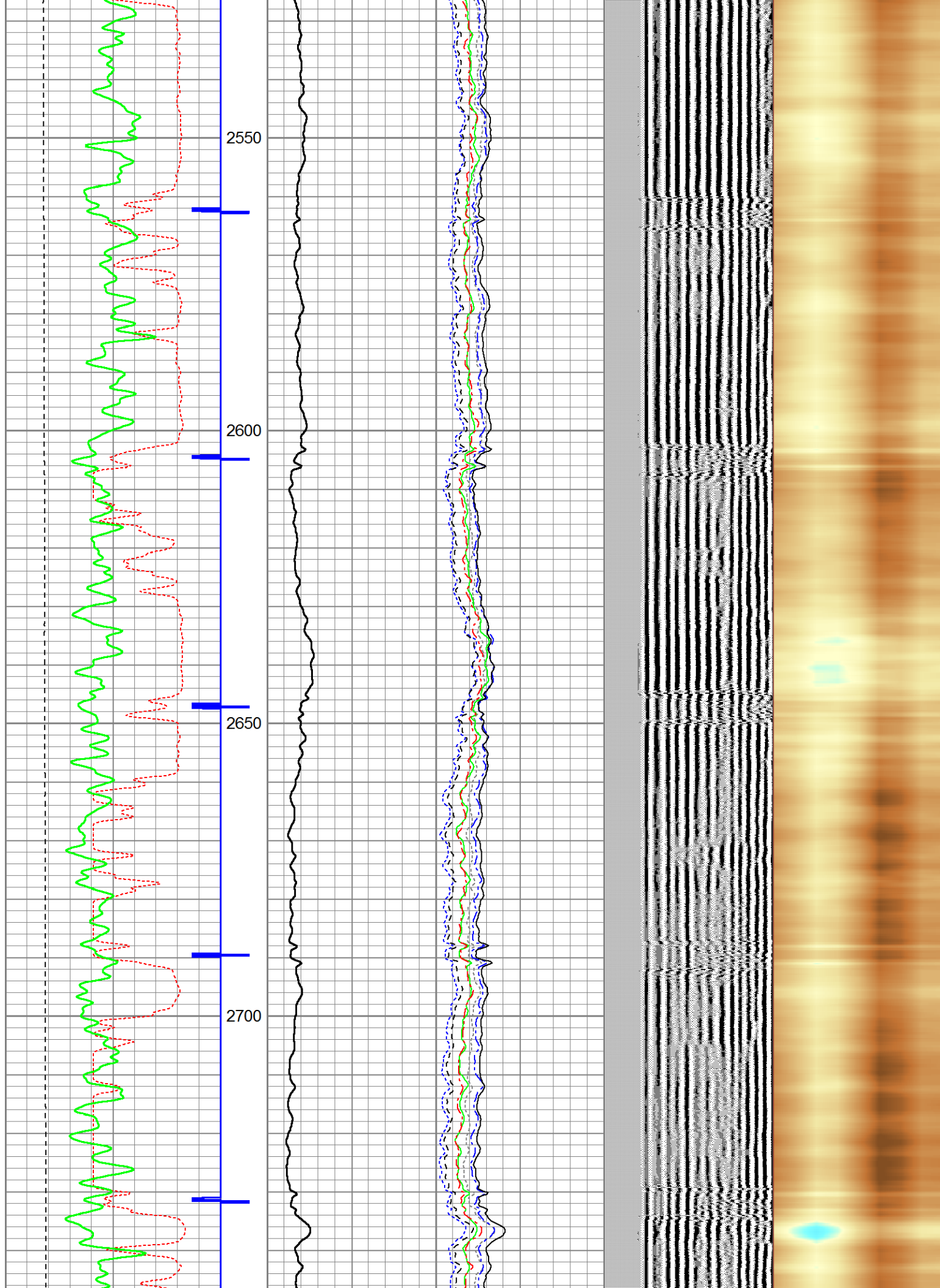


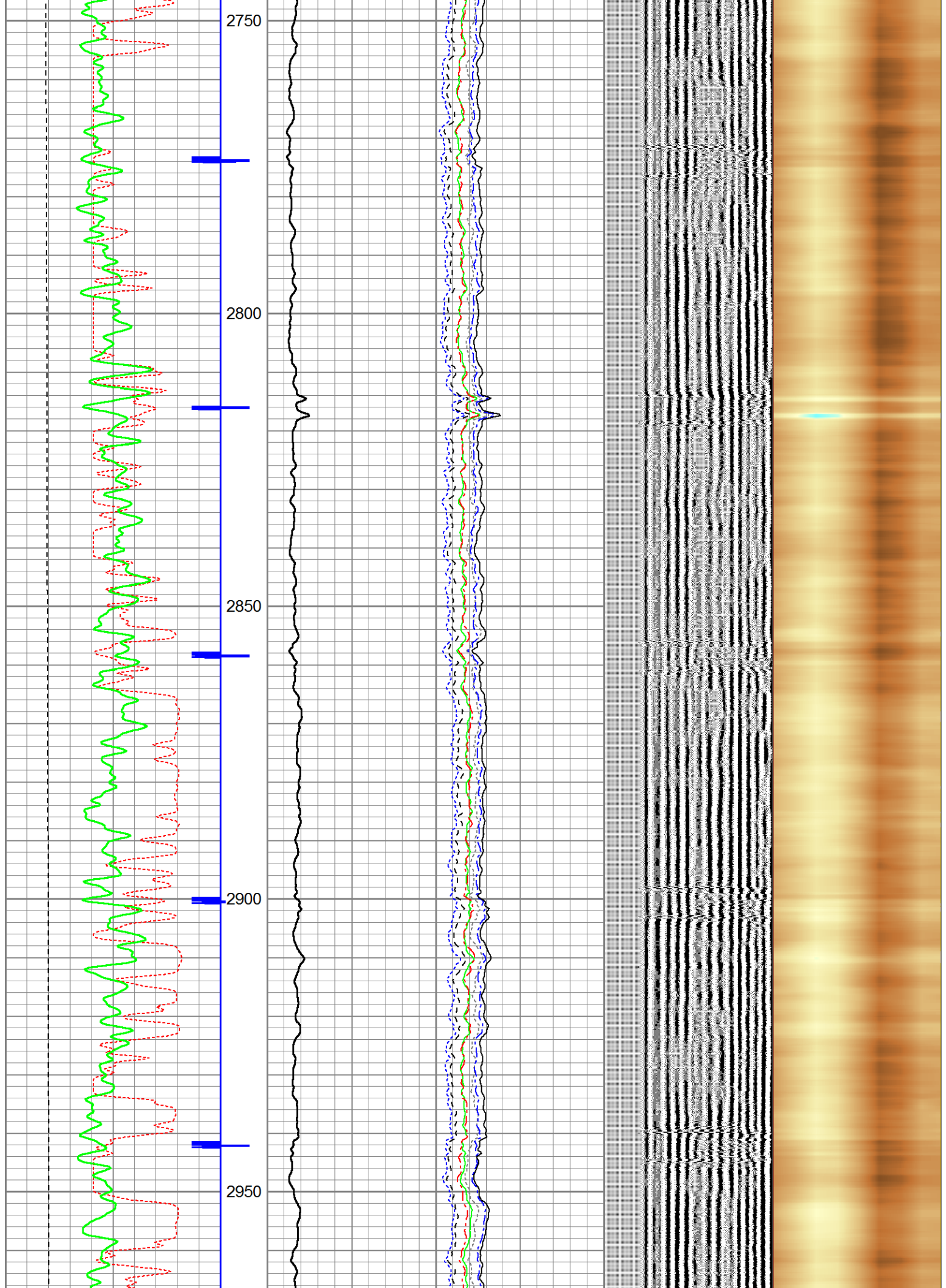


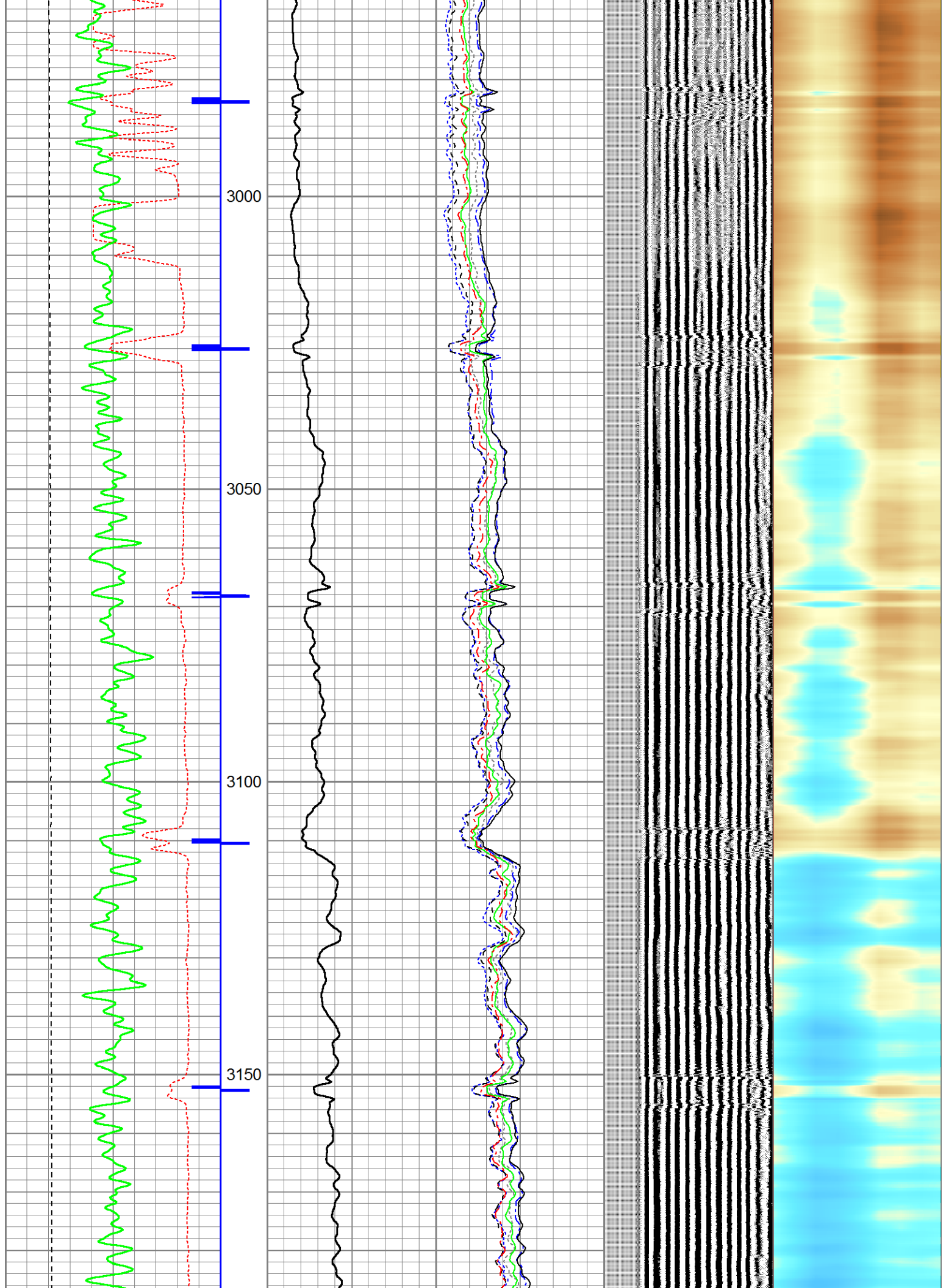


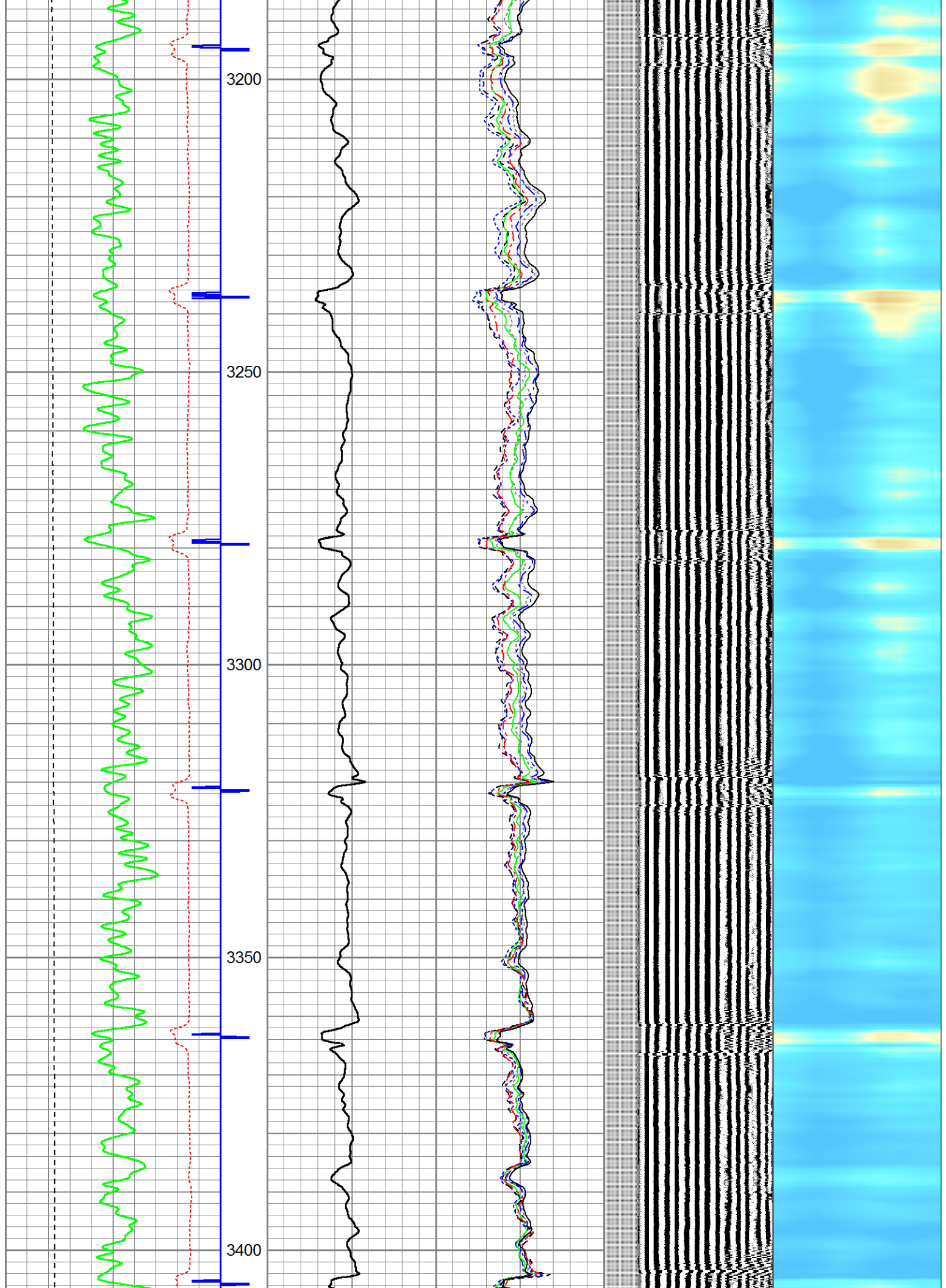


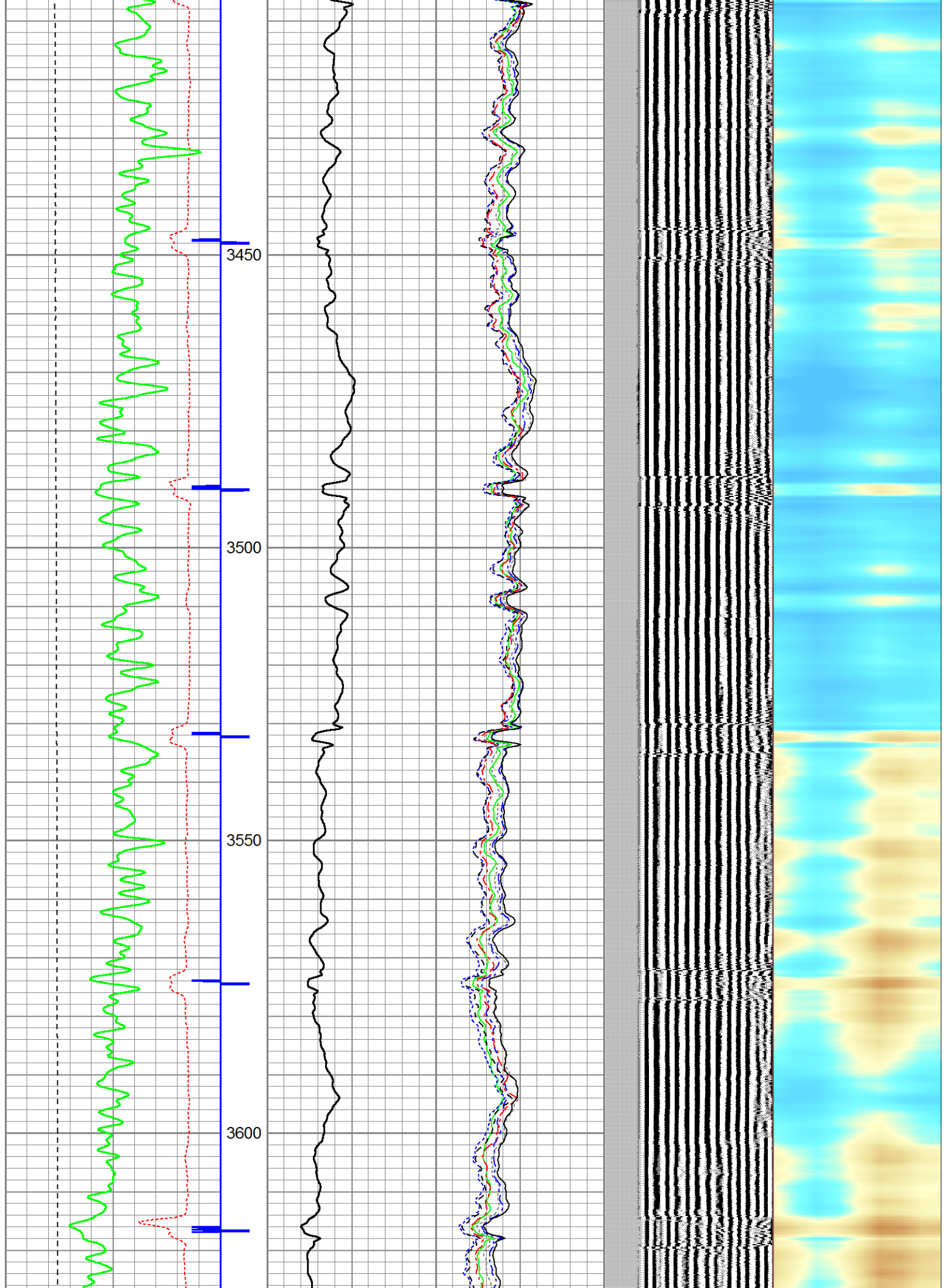


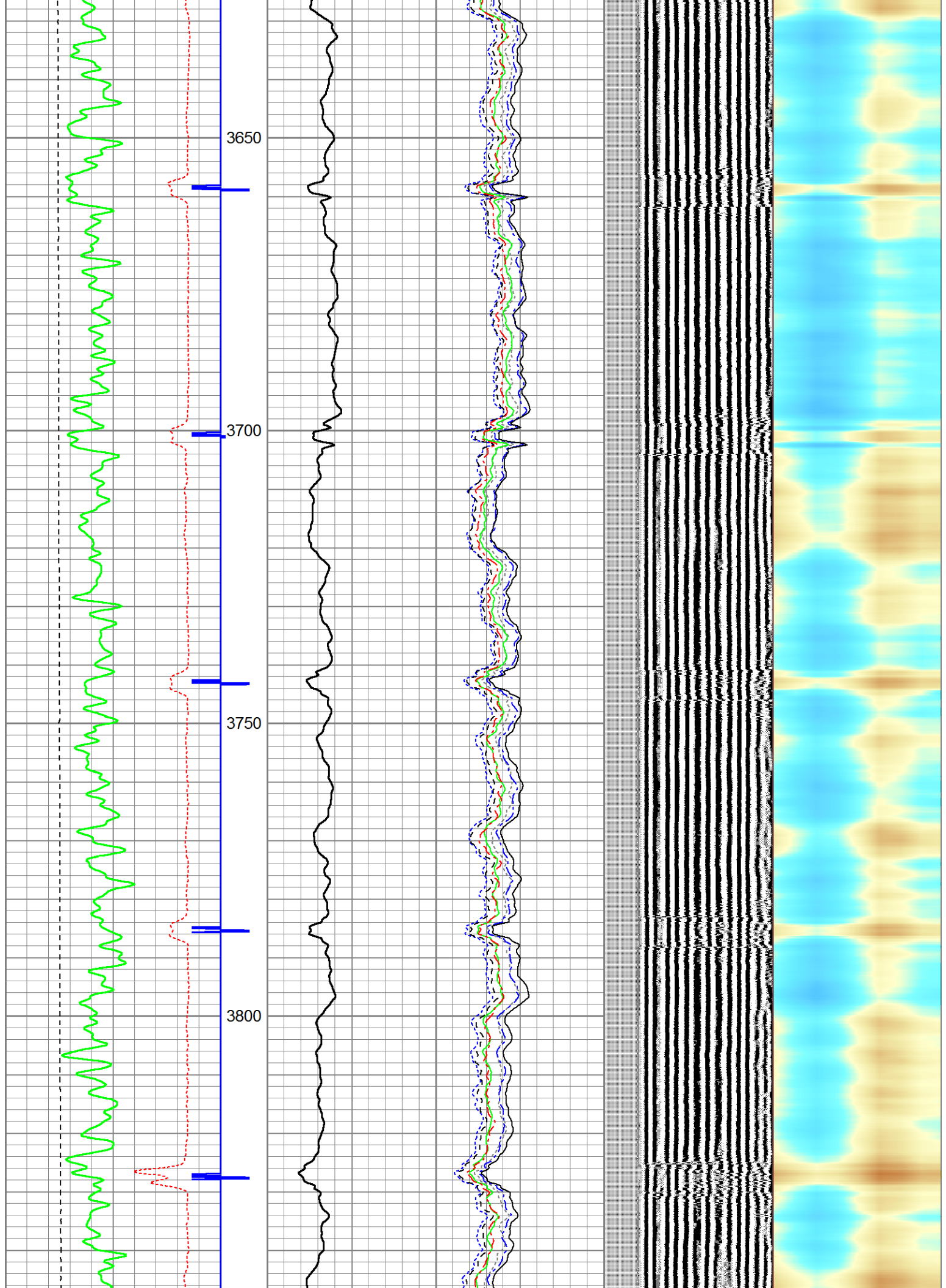


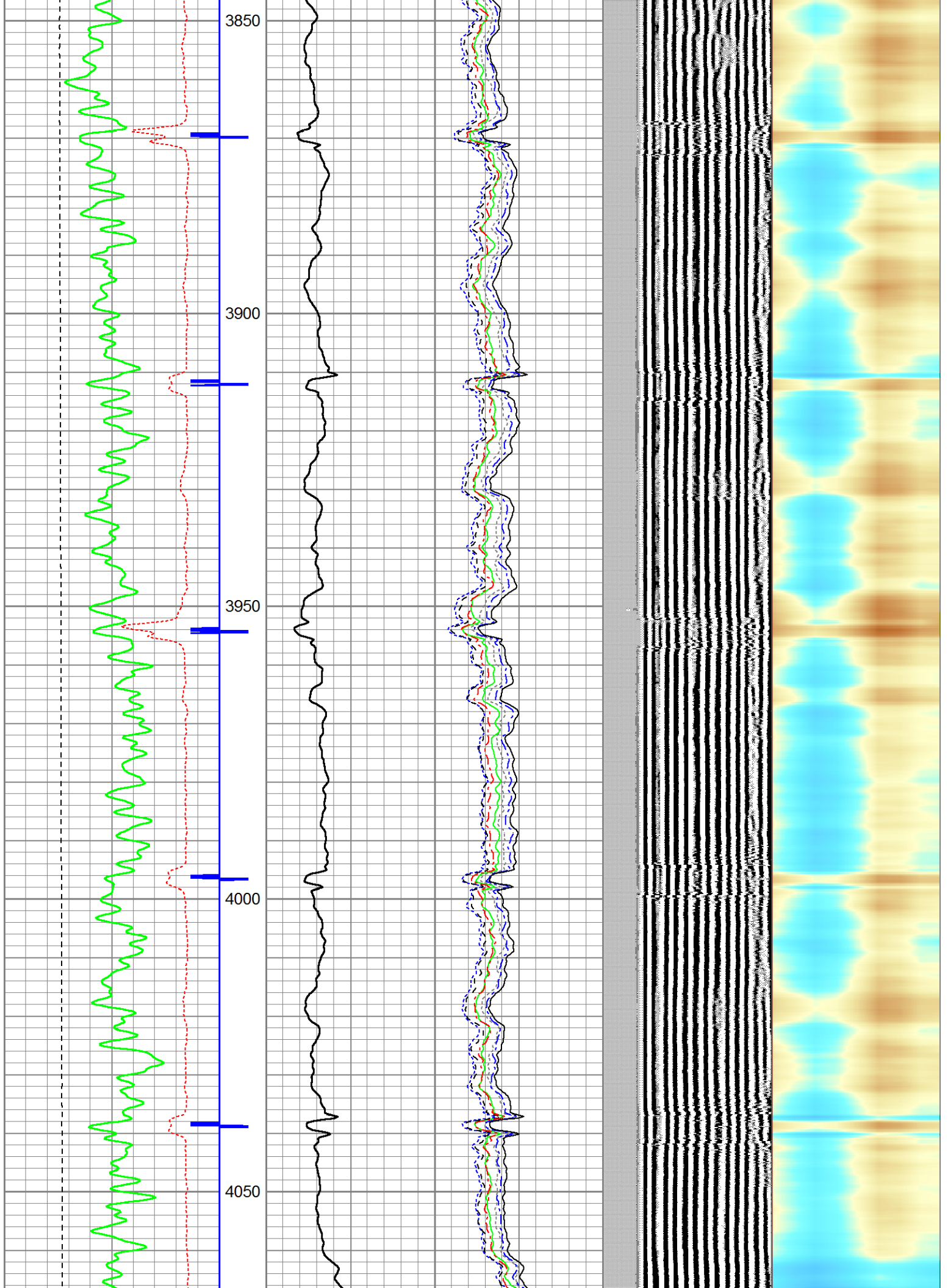


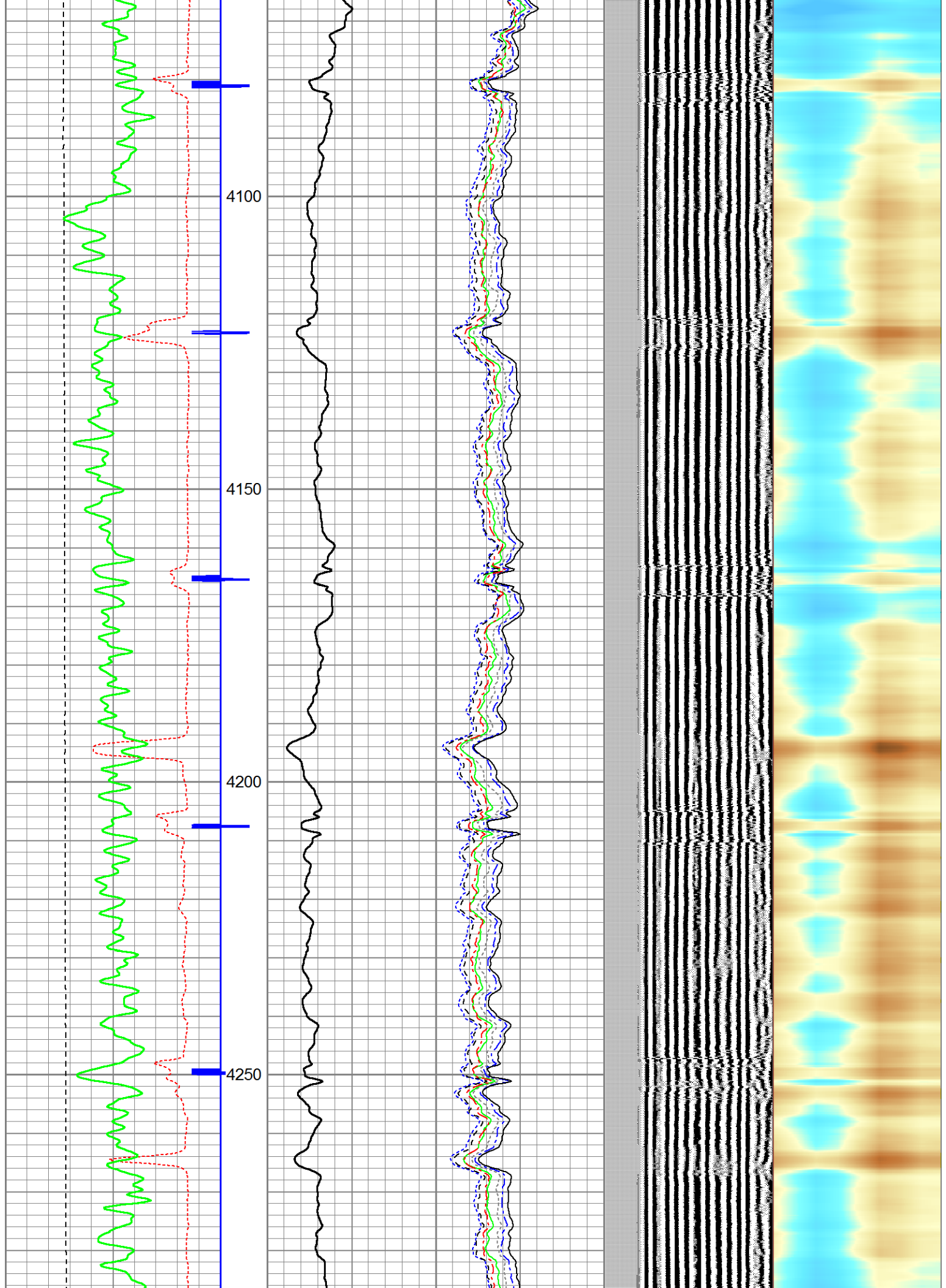


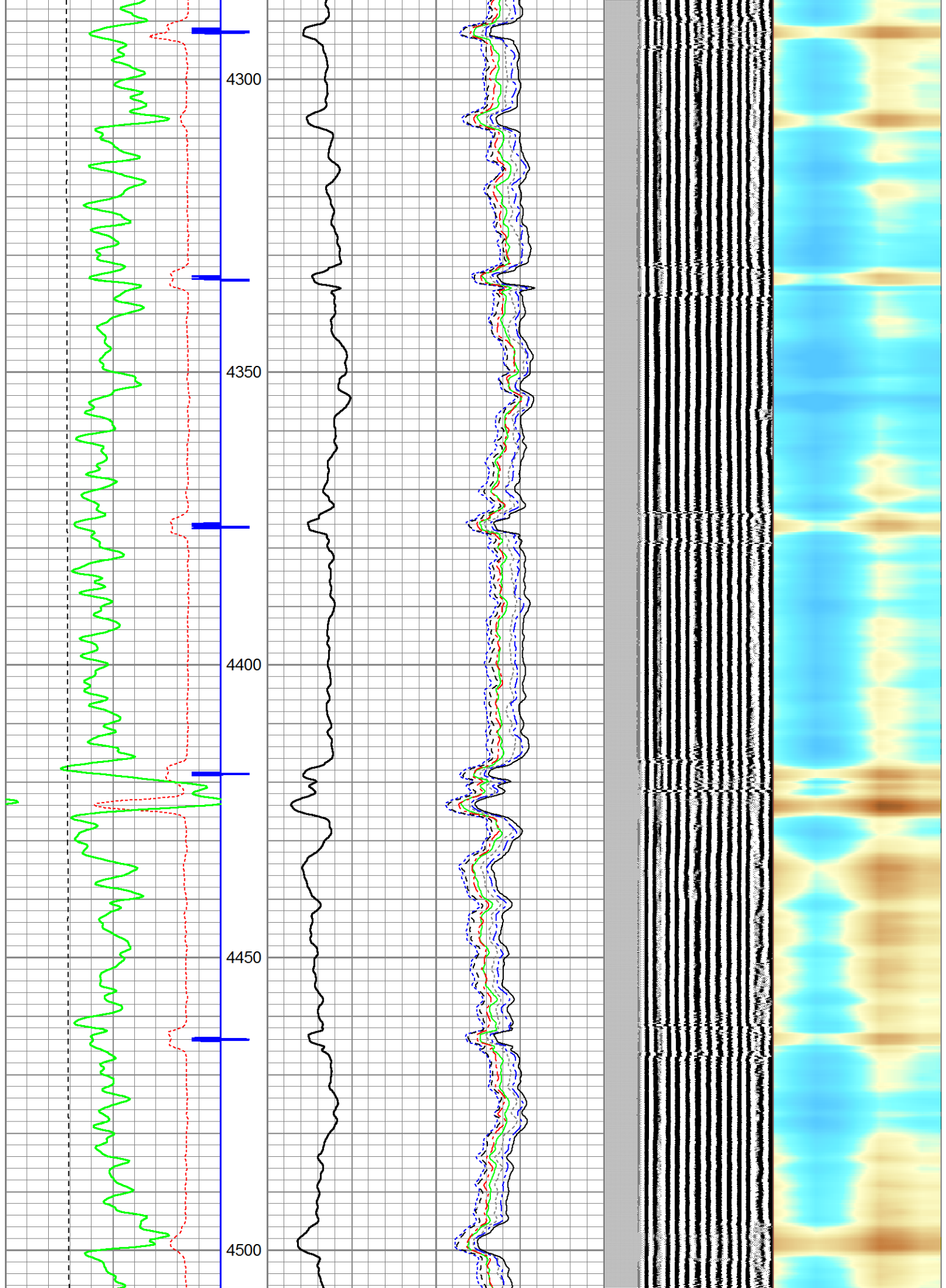


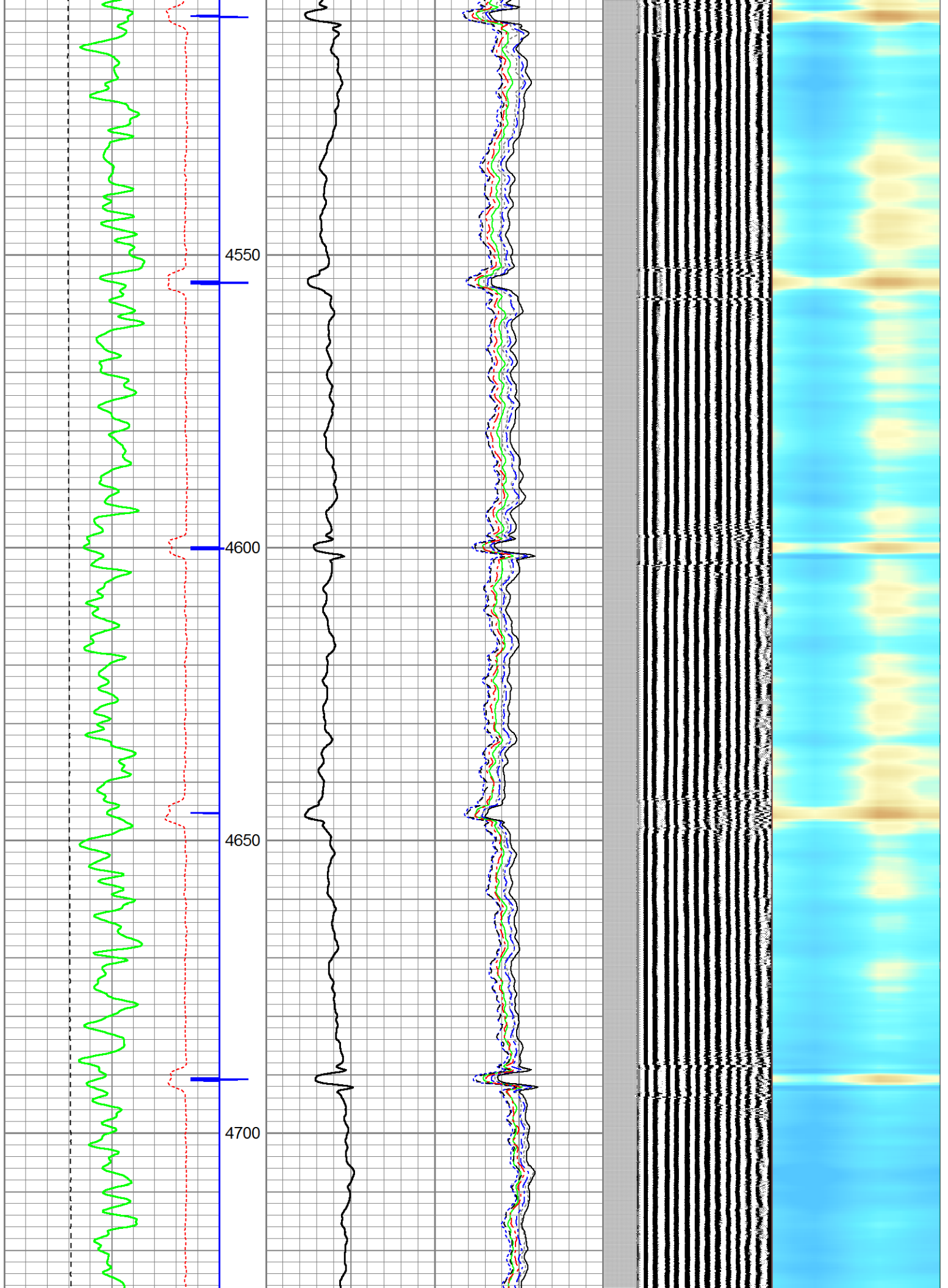


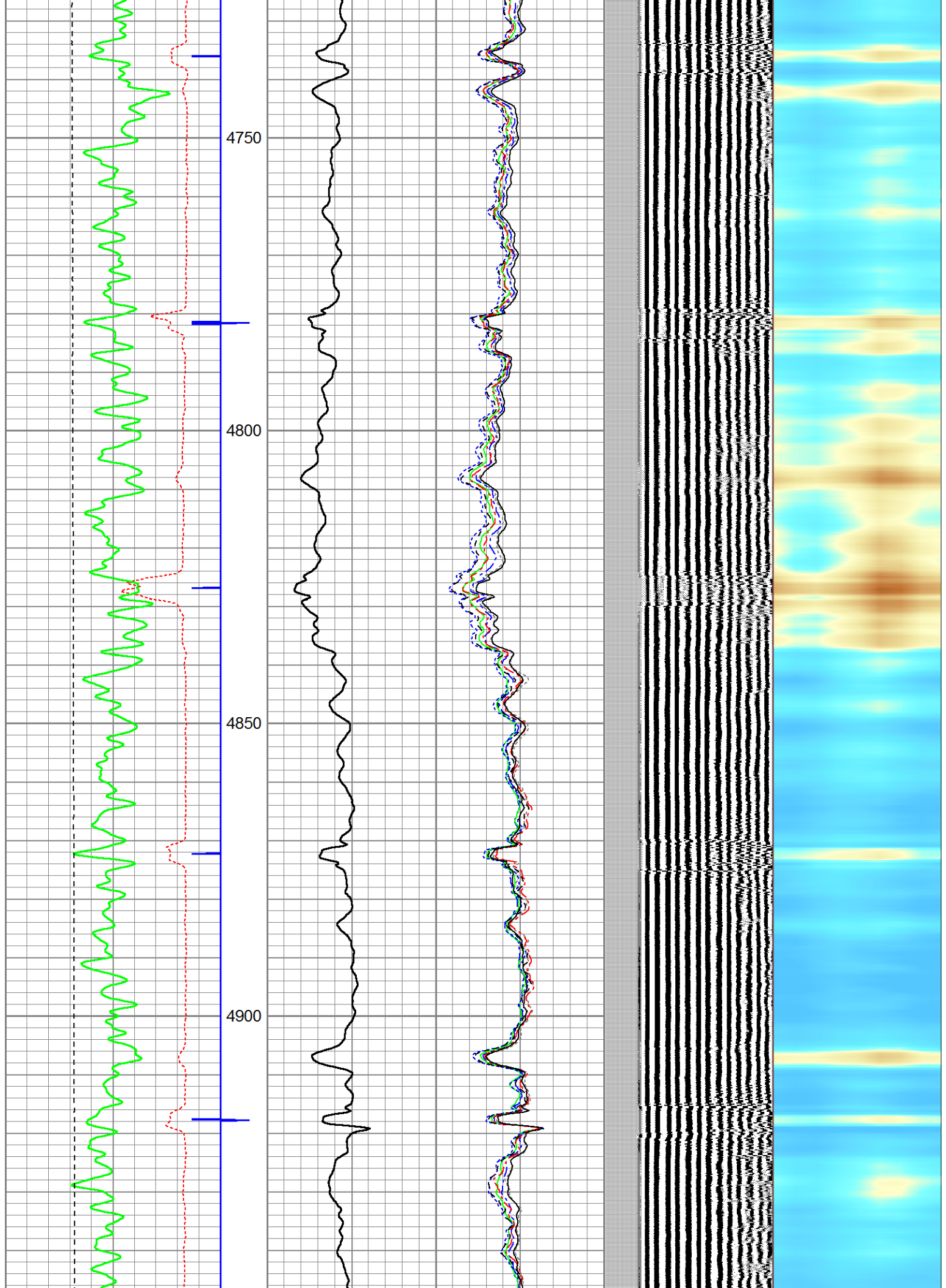


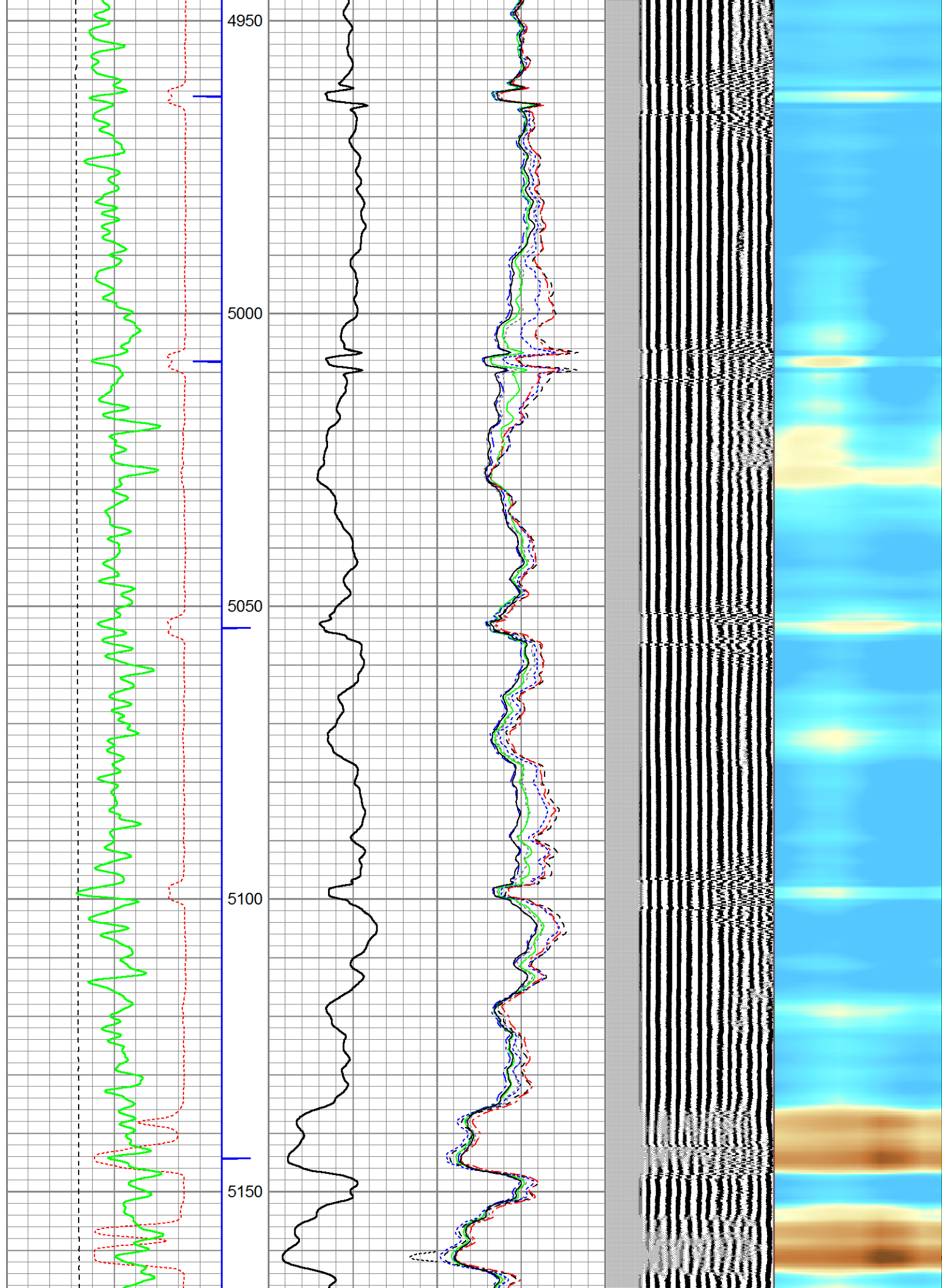


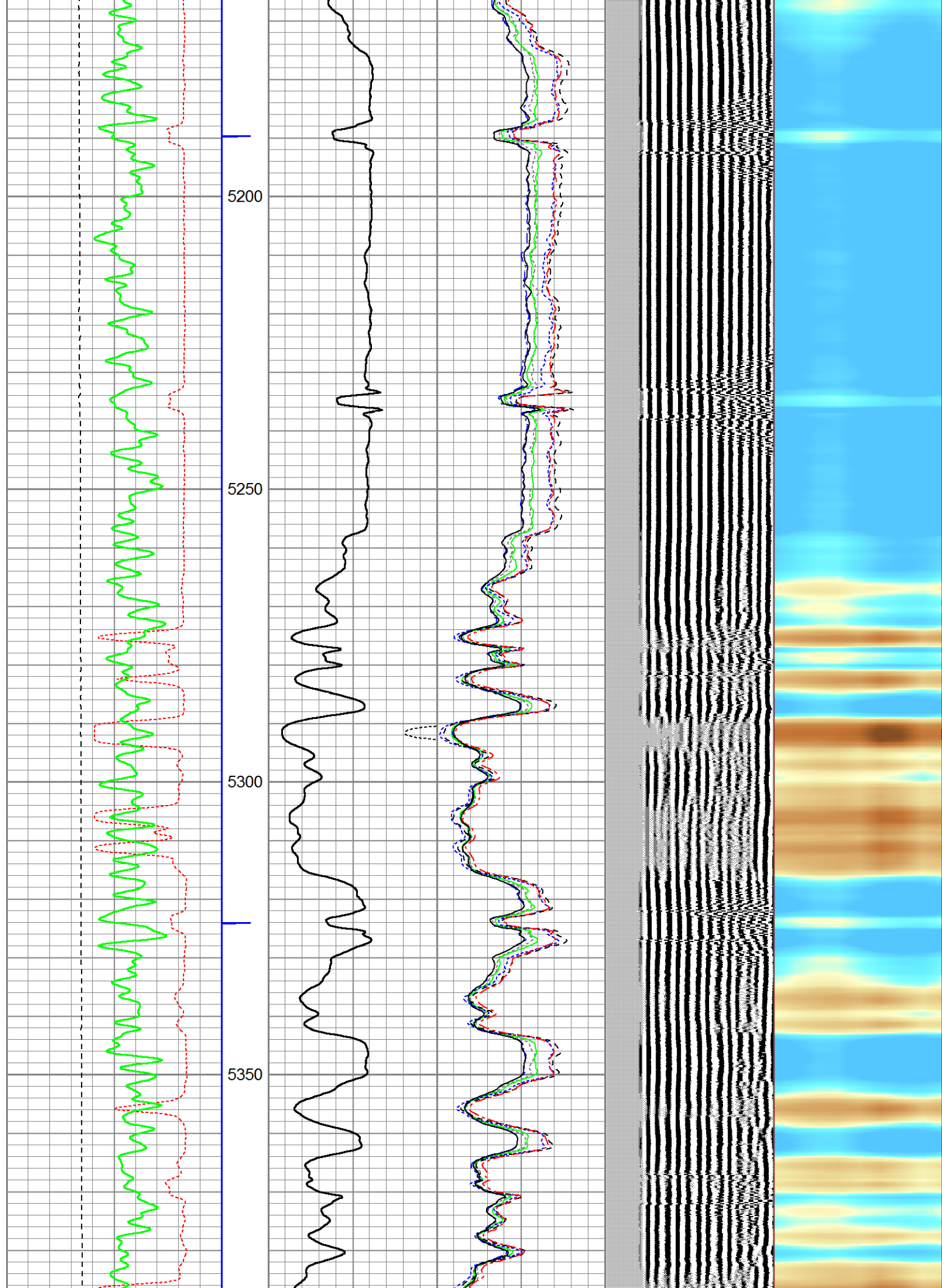


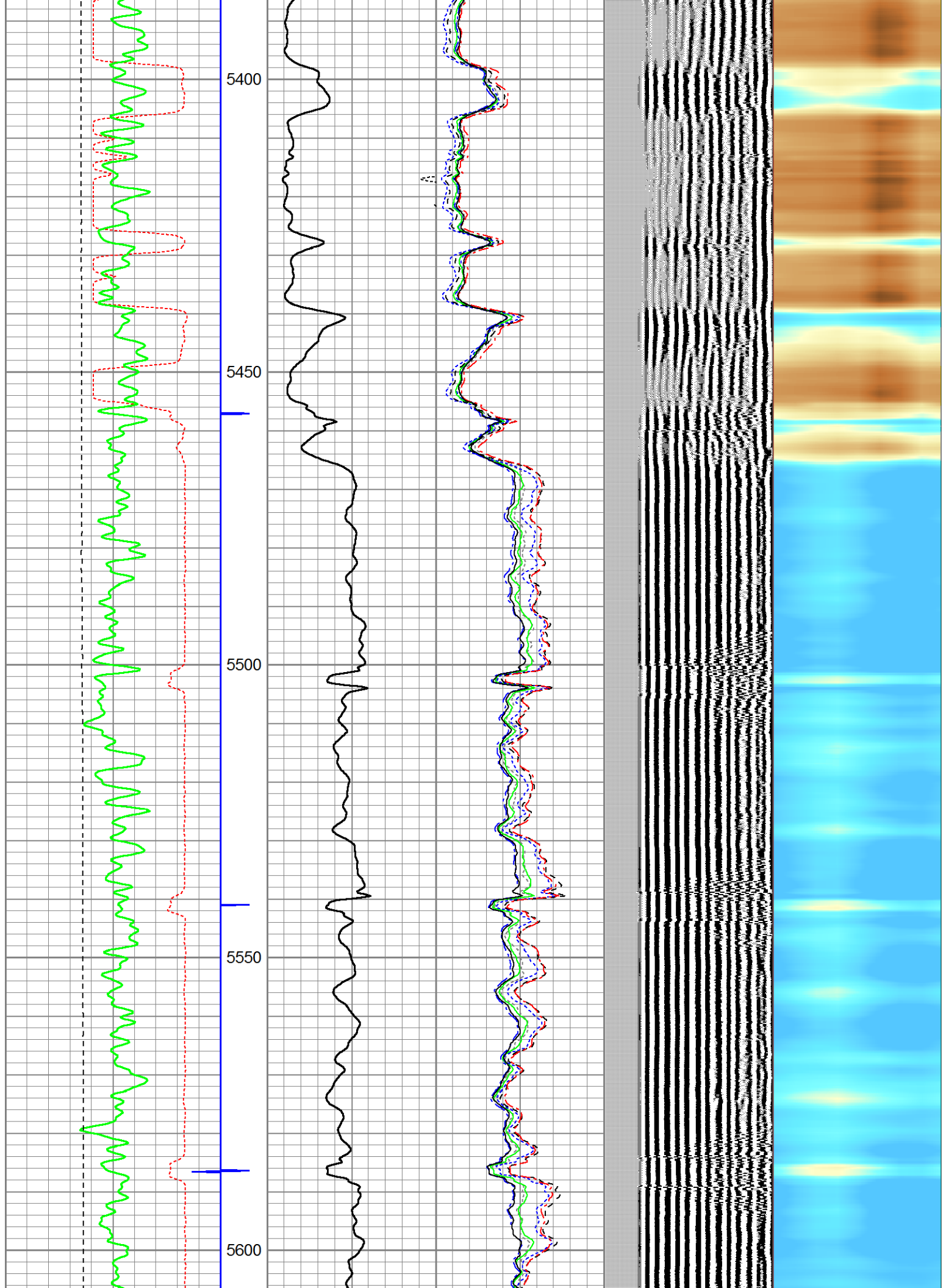


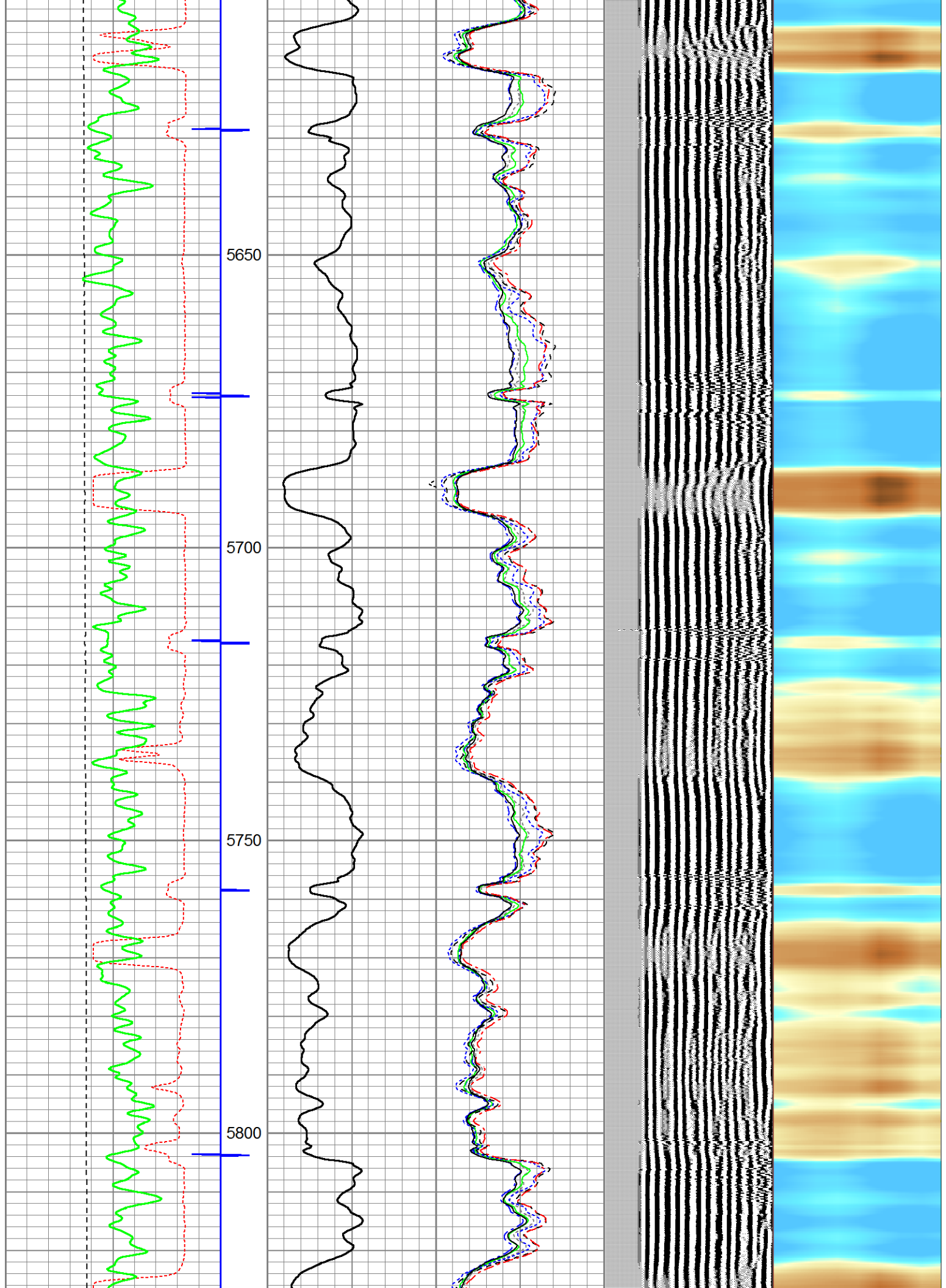


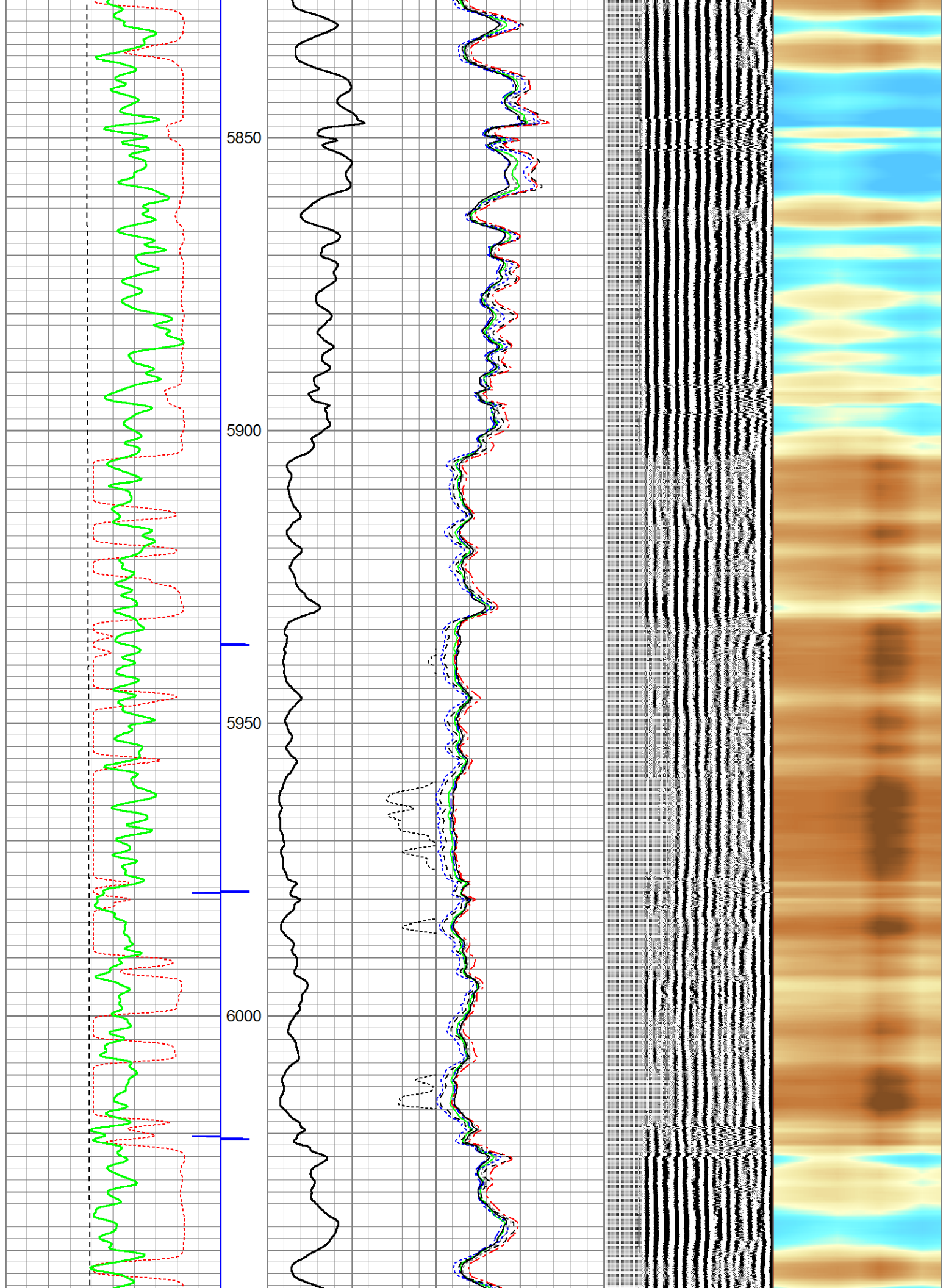


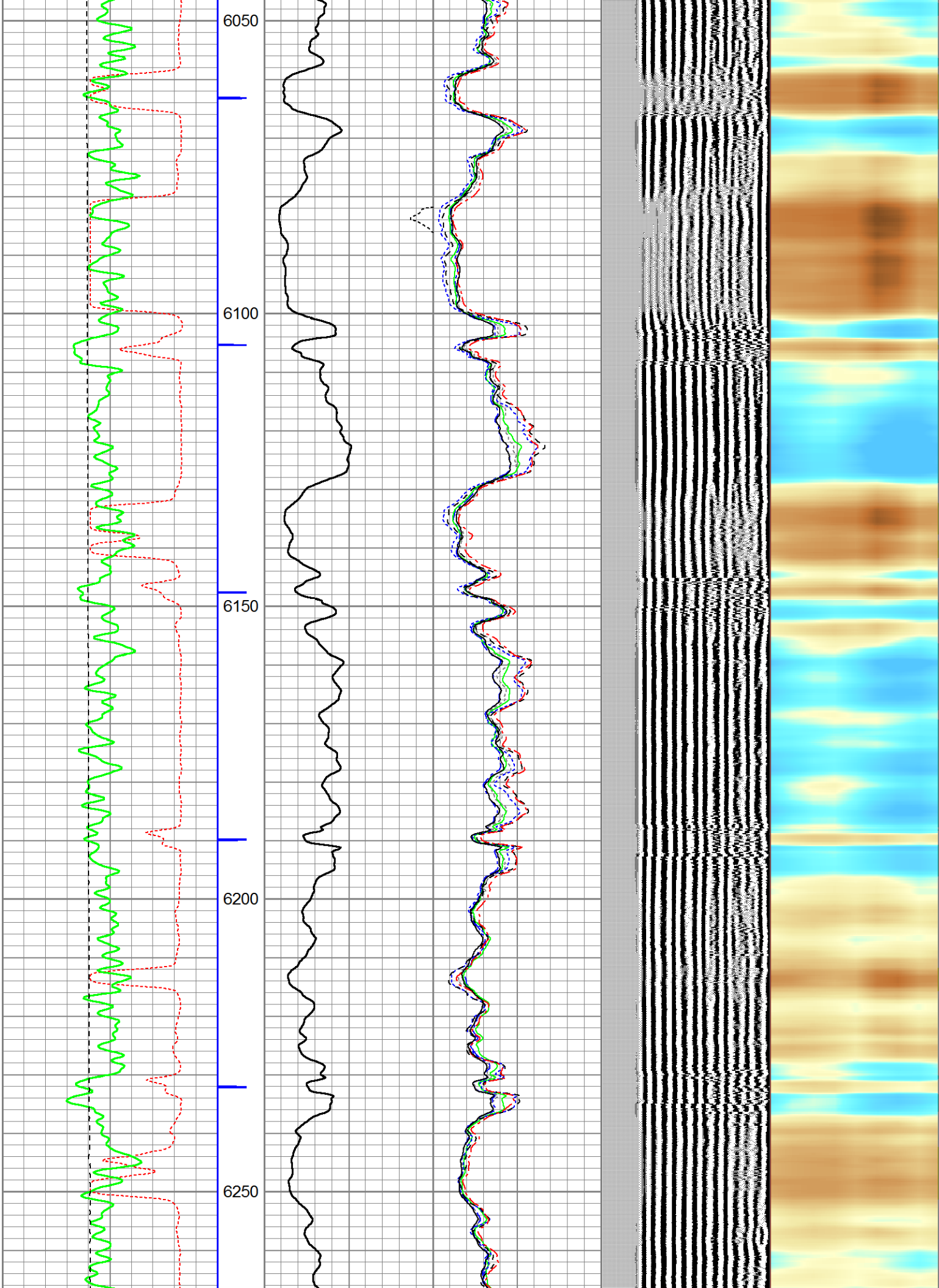


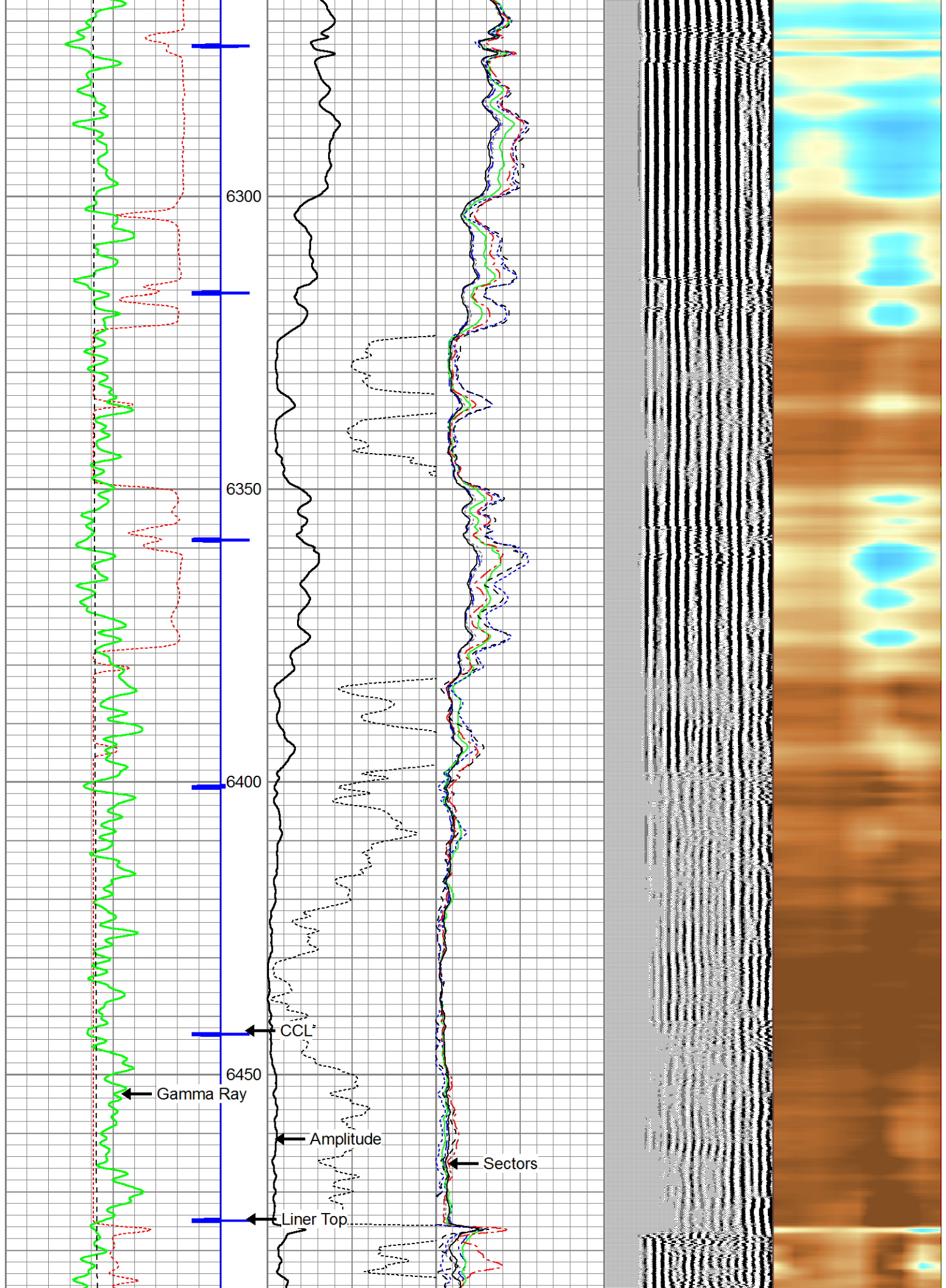


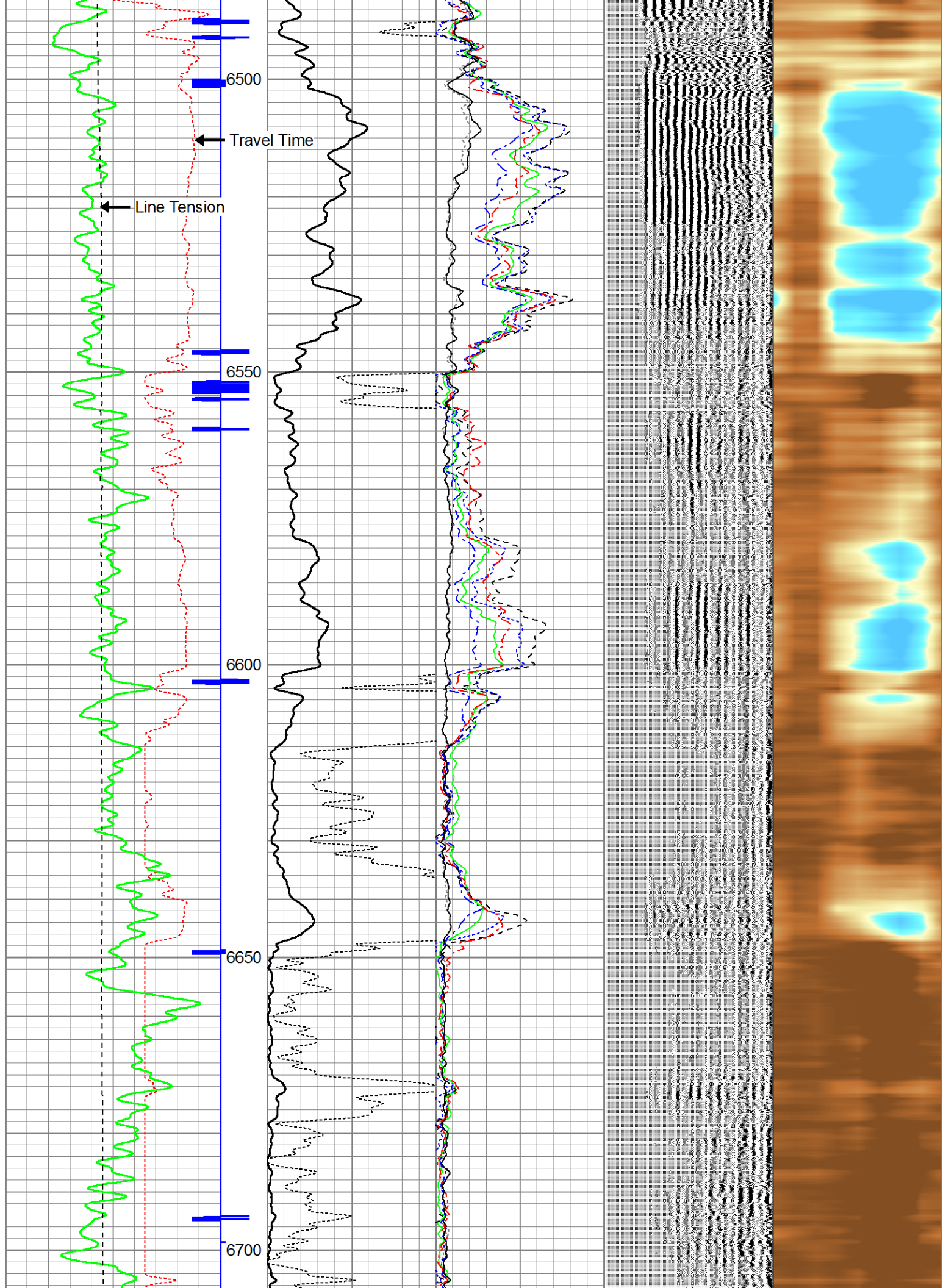


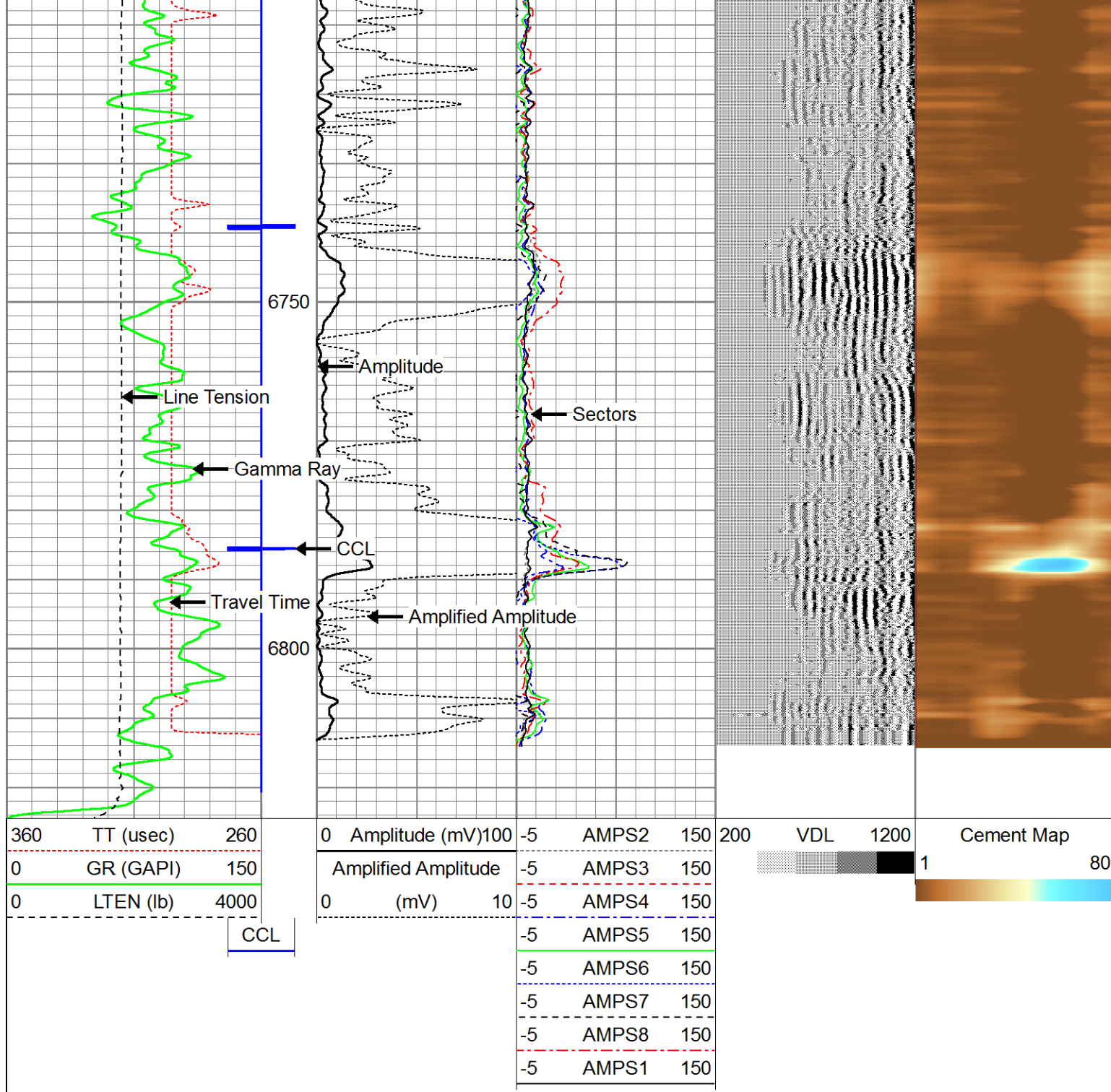






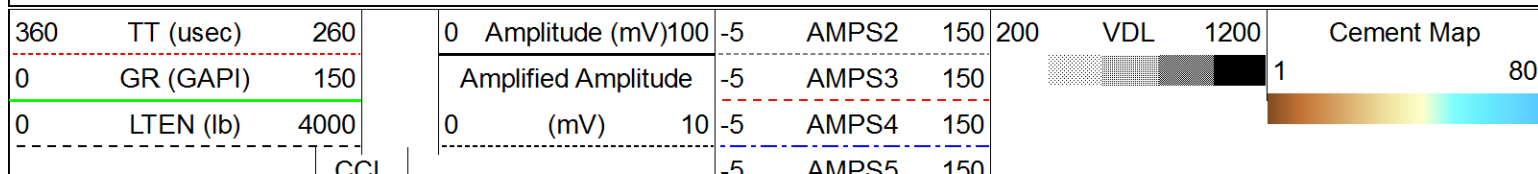




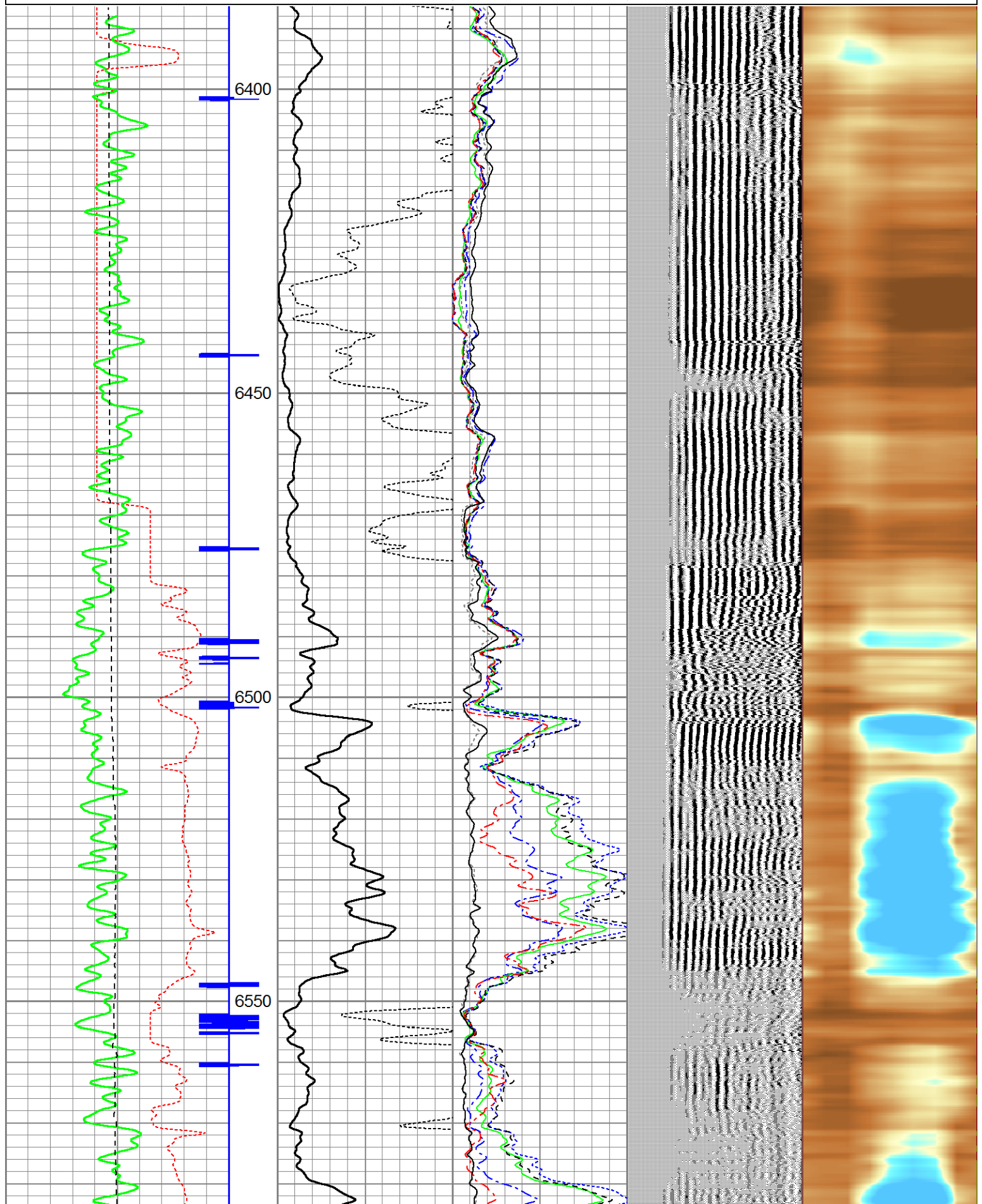


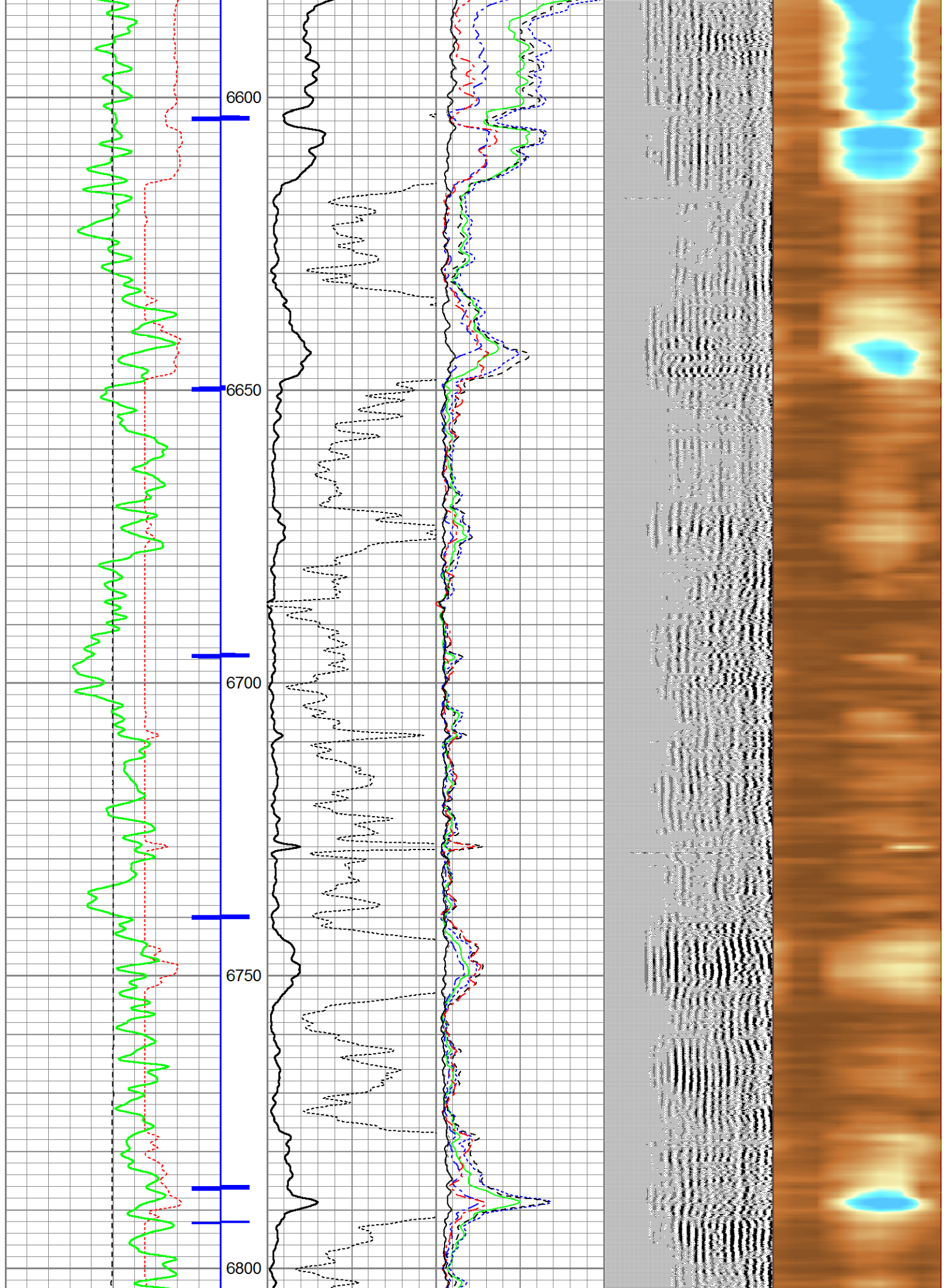
Repeat Pass @ 0 PSI

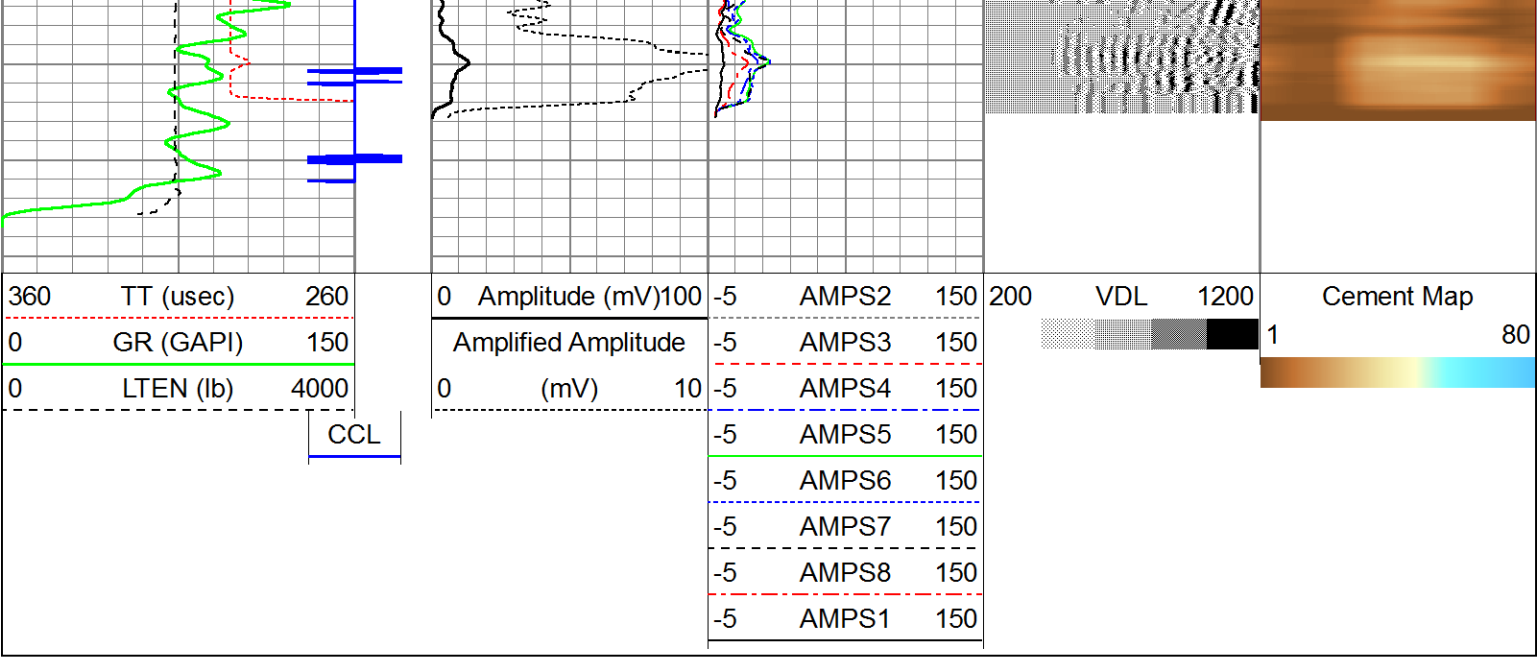
Database File: bayswater arellano m-10-9hn.db
 Dataset Pathname: pass7
 Presentation Format: anadarko
 Dataset Creation: Tue Jul 14 15:03:12 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240



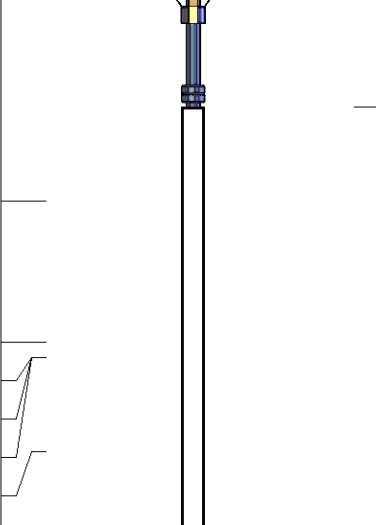
-5	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150
-5	AMPS1	150








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
HEADVOLT	16.25		Standard Standard Cable Head	1.00	1.69	1.00
			PTS275	2.83	2.75	
			RBT-Probe (110217) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVF3FT	11.58					
WVFCAL	11.58					
WVFS1	11.58					
WVFS2	11.58					
WVFS3	11.58					
WVFS4	11.58					
WVFS5	11.58					
WVFS6	11.58					
WVFS7	11.58					
WVFS8	11.58					
WVF5FT	10.58					
			PTS275	2.83	2.75	

CCL	3.50		GR-275D_INC (275D_with_INC) 2-3/4" GR-CCL with Inclination	4.50	2.75
IntTemp	2.00				
ACCX	1.83				
ACCY	1.83				
ACCZ	1.83				
GR	0.83				
Dataset: bayswater arellano m-10-9hn.db: field/well/run1/pass9.1 Total Length: 20.08 ft Total Weight: 91.00 lb O.D. 2.75 in					

	Company	Bayswater Exploration
	Well	Arellano M-10-9HN
	Field	Wattenberg
	County	Weld
	State	Colorado