



Radial Bond Log
Gamma Ray/CCL

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

Location:

API #: 05-123-4113

NE 1/4 & SE 1/4

SEC 10 TWP 5N RGE 65W

4,616'

Elevation

Permanent Datum Ground Level
Log Measured From Ground Level
Drilling Measured From 23' Above Permanent Datum

Other Services
N/A
K.B. 4,593'
D.F. 4,592'
G.L. 4,616'

Date 13-July-2015

Run Number One
Depth Driller 13,671'

Depth Logger 6,902'

Bottom Logged Interval 6,901'

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 Bottom

Prot. String 7" 29# Surface 7,258'

Production String

Liner 4 1/2" 13.5# 6,956' 13,671'

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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

Was not able to make it through the liner top.

Calibration Report

Database File: bayswater arellano l-10-9hn.db
Dataset Pathname: pass16.3
Dataset Creation: Tue Jul 14 14:09:38 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:	1575.930	ft

Master Calibration, performed Tue Jul 14 14:09:29 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.398	1.000	65.000	163.375	-0.002
CAL	0.003	0.581				
5'	0.010	0.337	1.000	65.000	195.732	-1.002
SUM						
S1	0.017	0.353	0.250	100.000	296.550	-4.711
S2	0.009	0.375	0.250	100.000	272.389	-2.162
S3	0.010	0.401	0.250	100.000	254.741	-2.248
S4	0.016	0.408	0.250	100.000	254.938	-3.923
S5	0.018	0.411	0.250	100.000	253.786	-4.208
S6	0.014	0.431	0.250	100.000	238.879	-2.976
S7	0.009	0.412	0.250	100.000	247.504	-2.065
S8	0.014	0.374	0.250	100.000	276.773	-3.631

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	0.581	1.000	0.000

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

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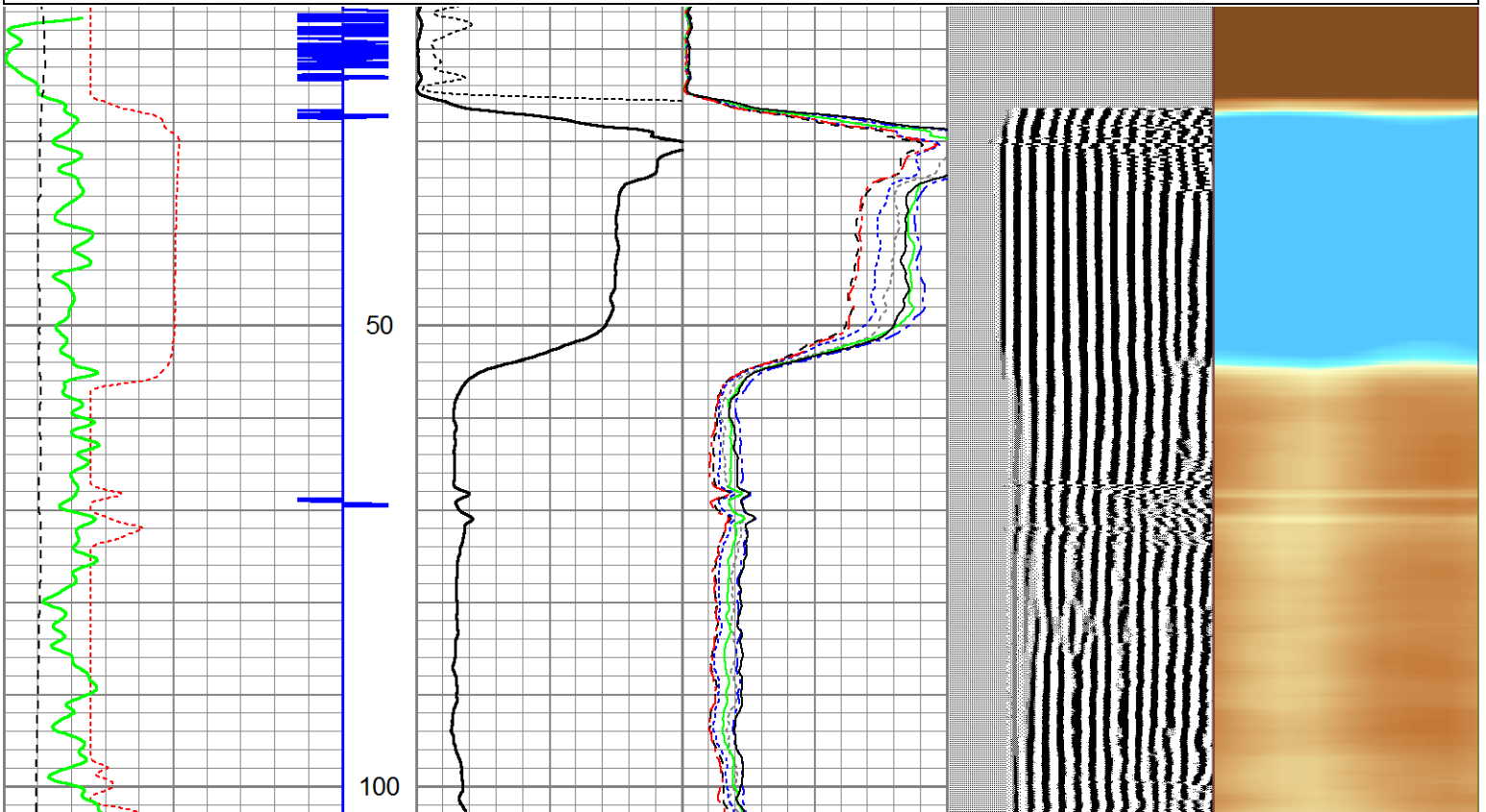
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

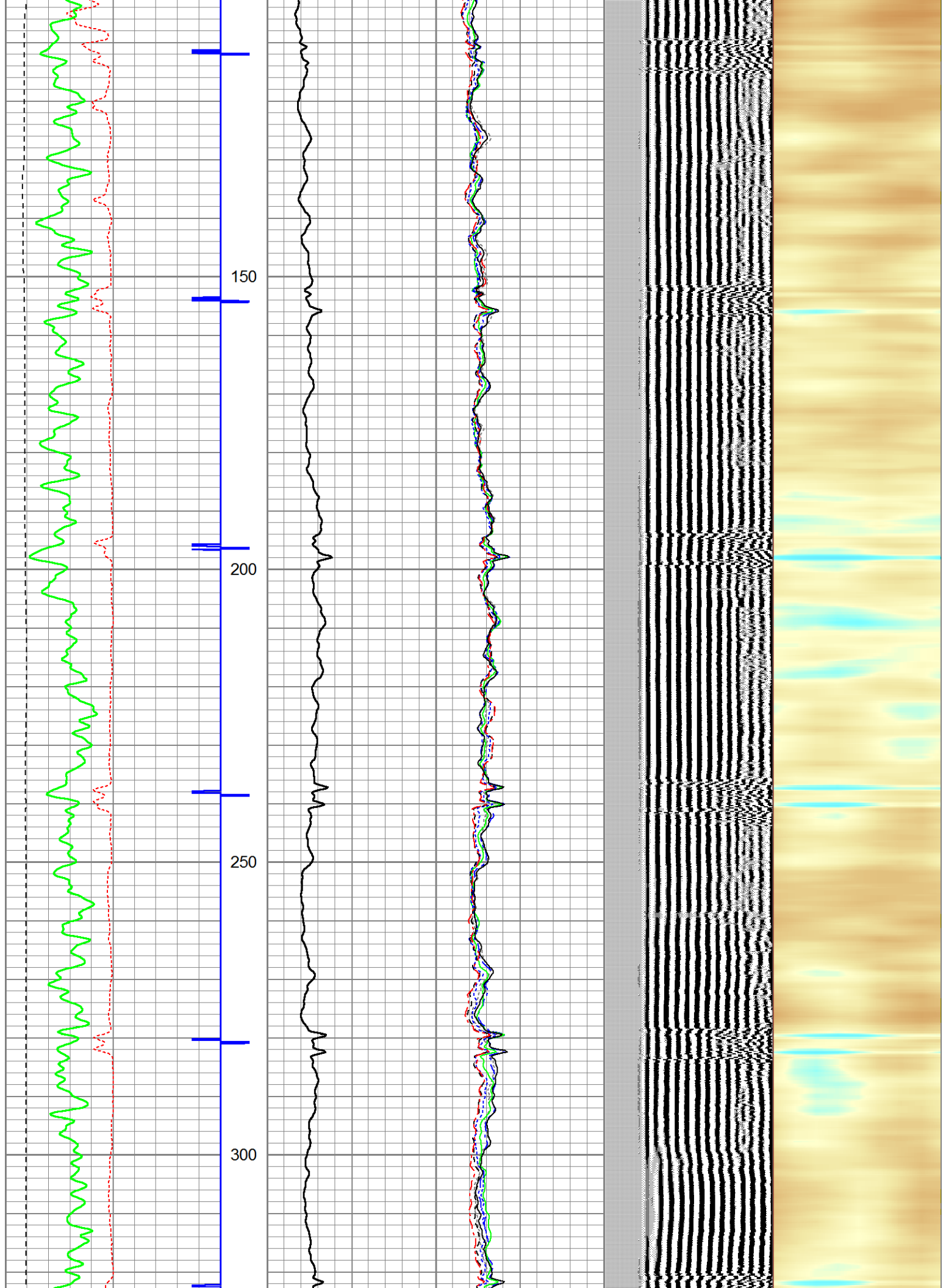


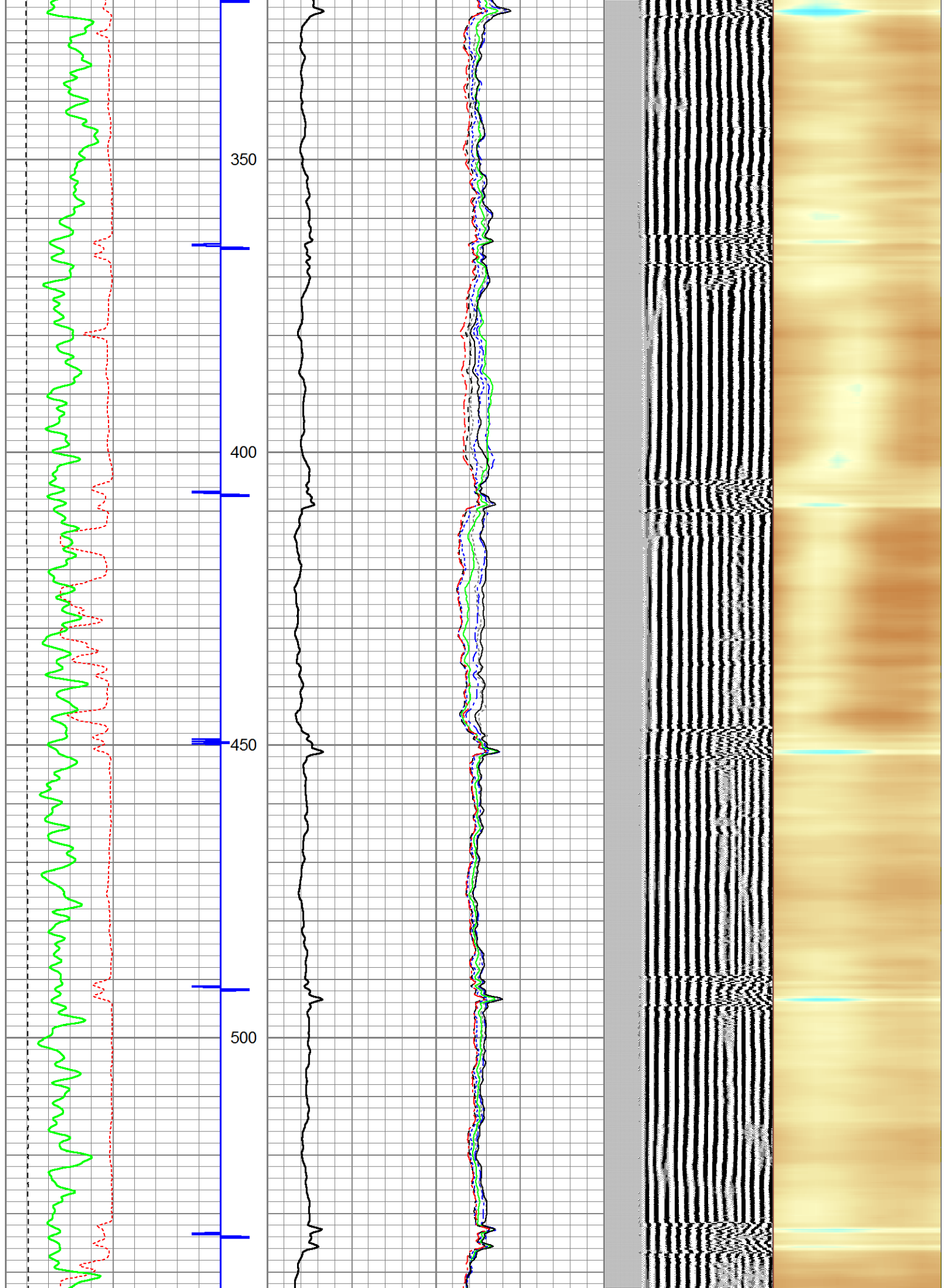
Main Pass

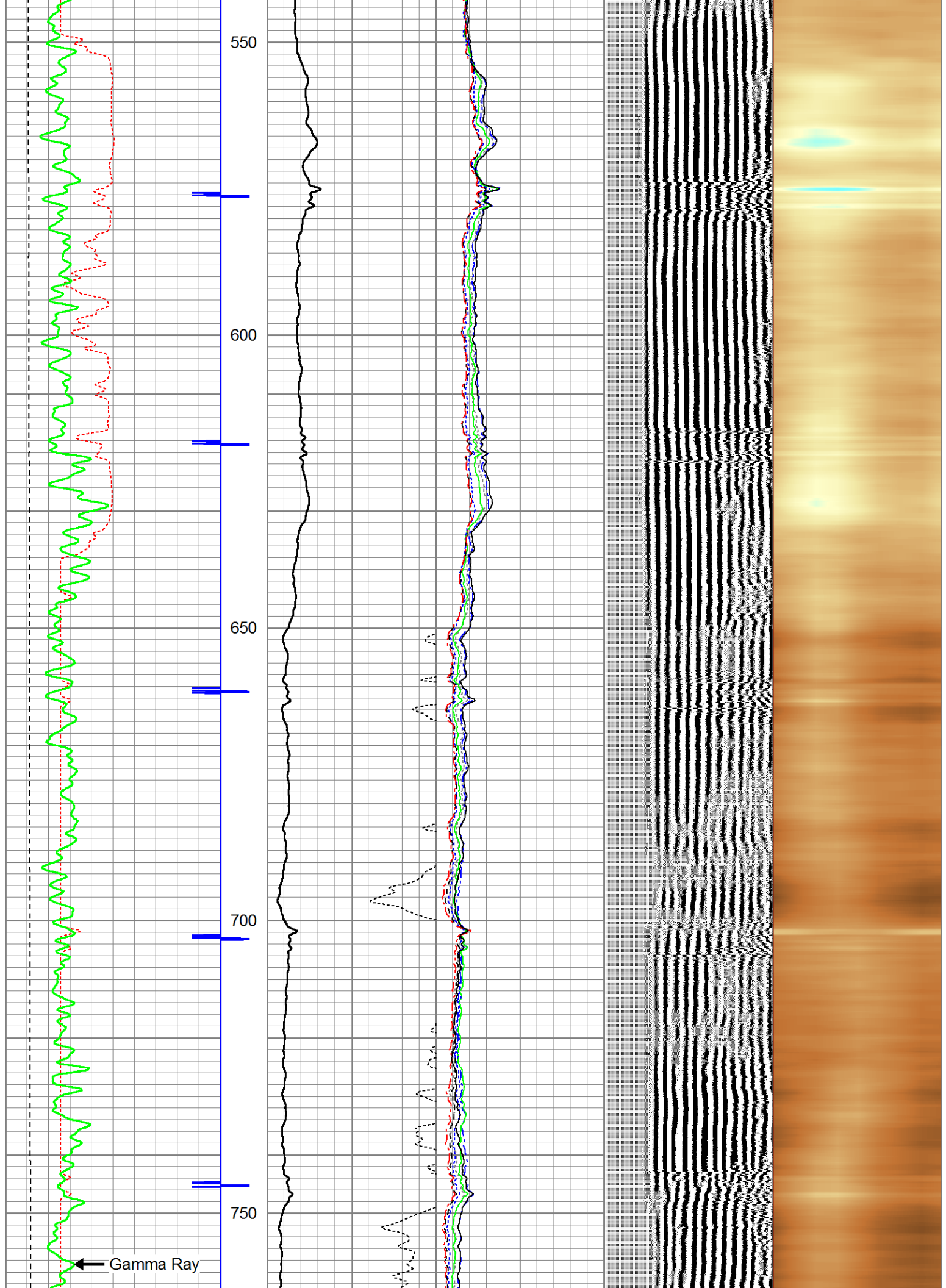
Database File: bayswater arellano I-10-9hn.db
Dataset Pathname: pass16.3
Presentation Format: anadarko
Dataset Creation: Tue Jul 14 14:09:38 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

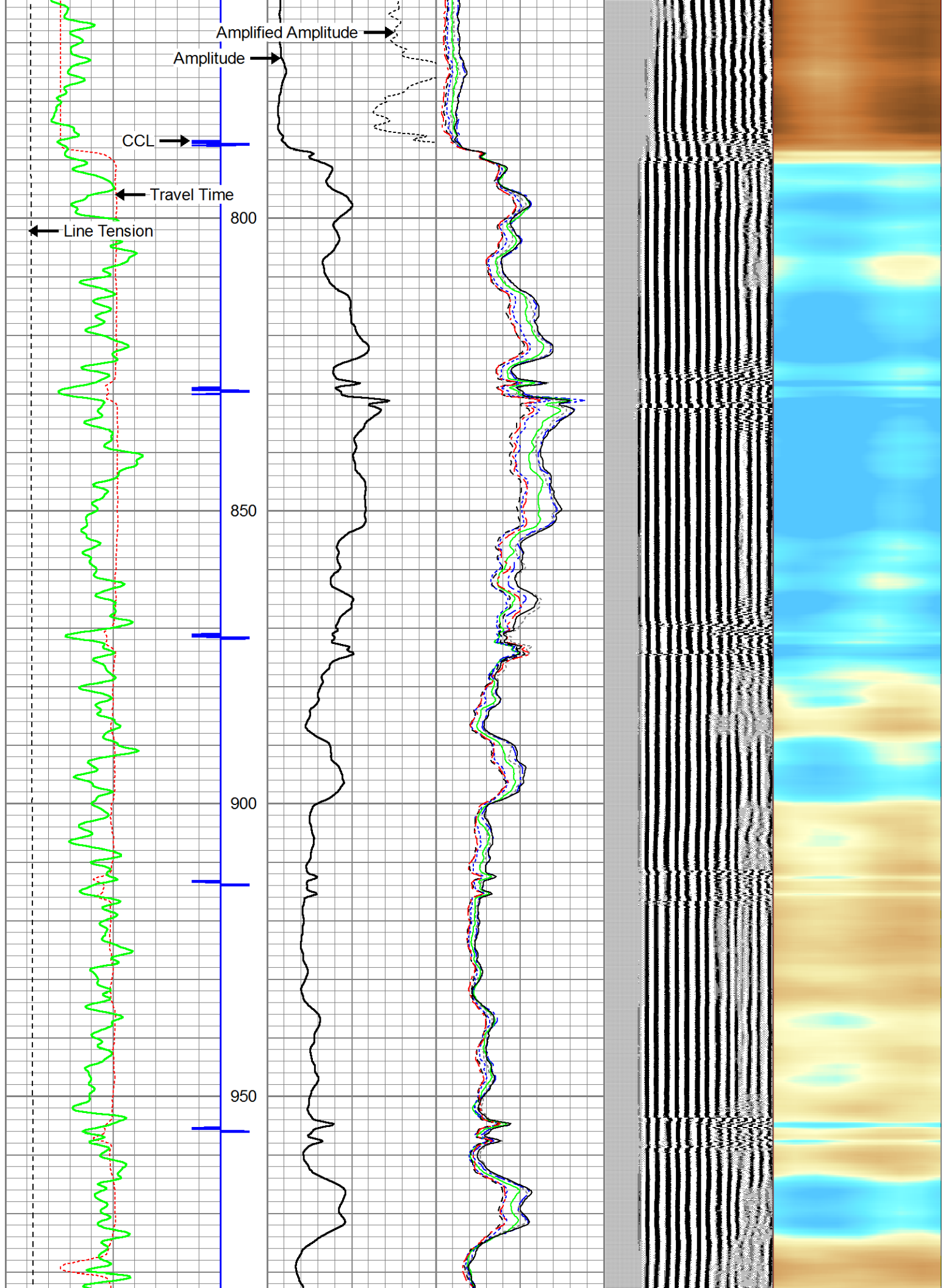
360	TT (usec)	200	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	150		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	4000	0	(mV)	10	-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

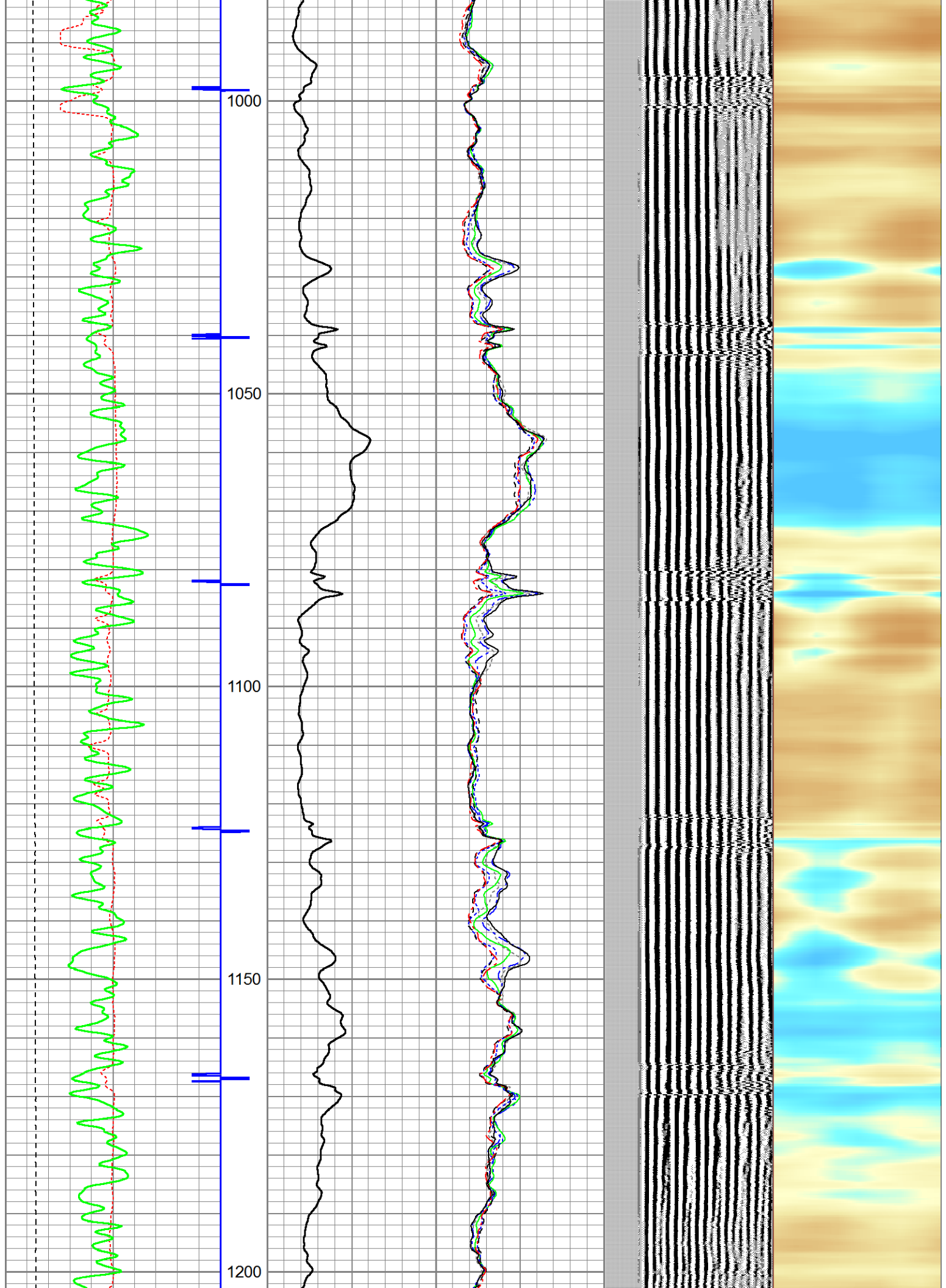


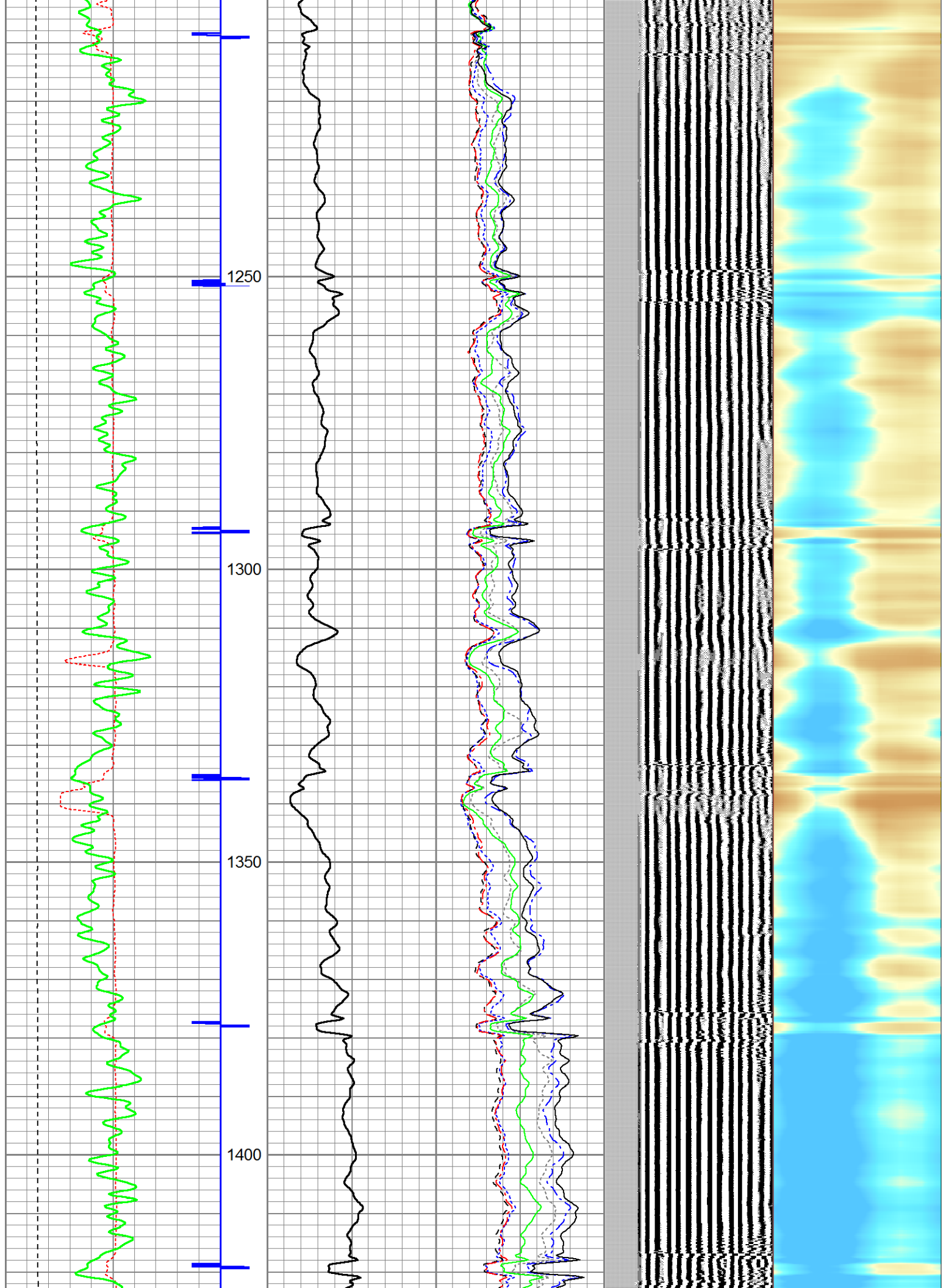


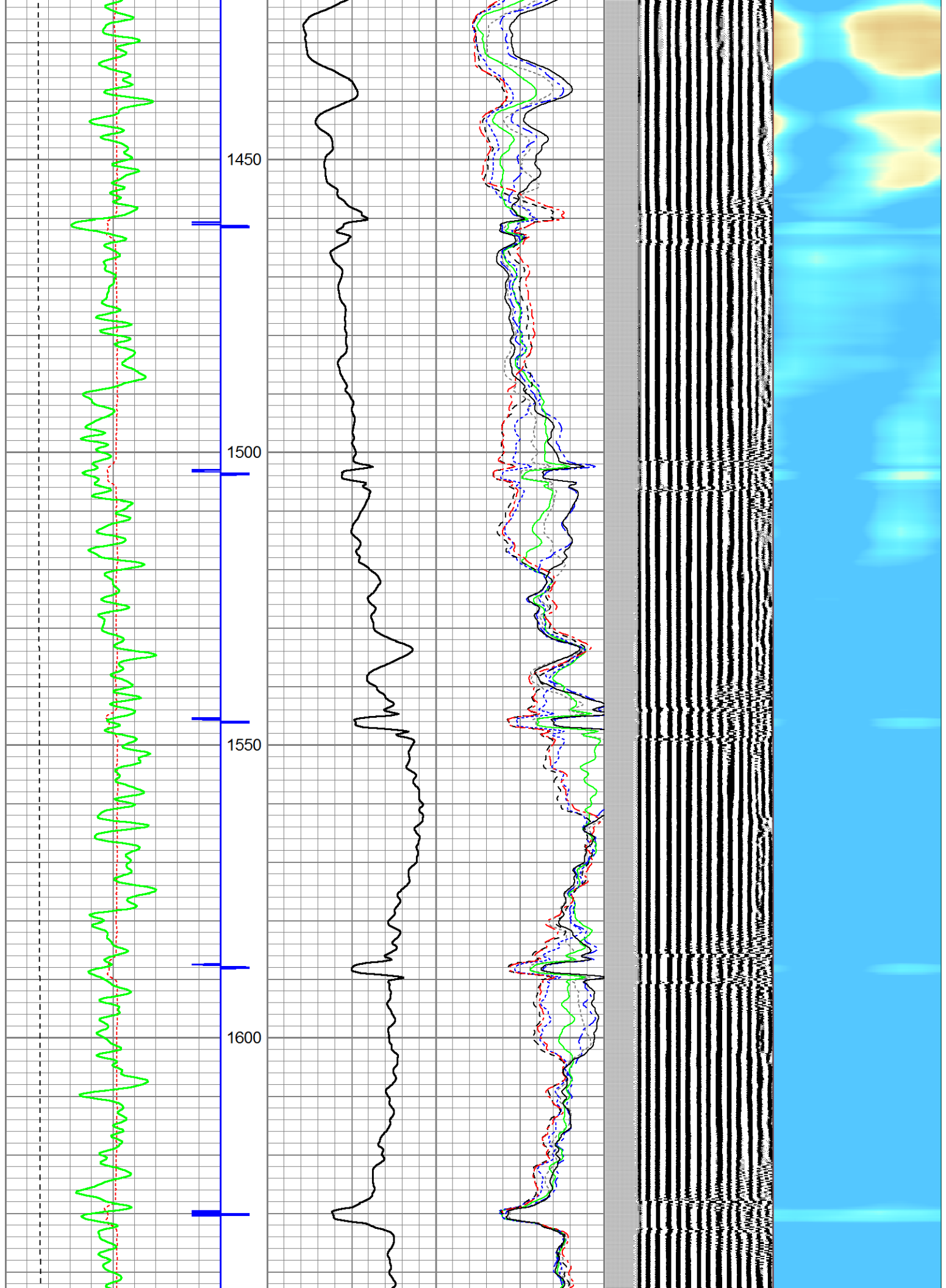


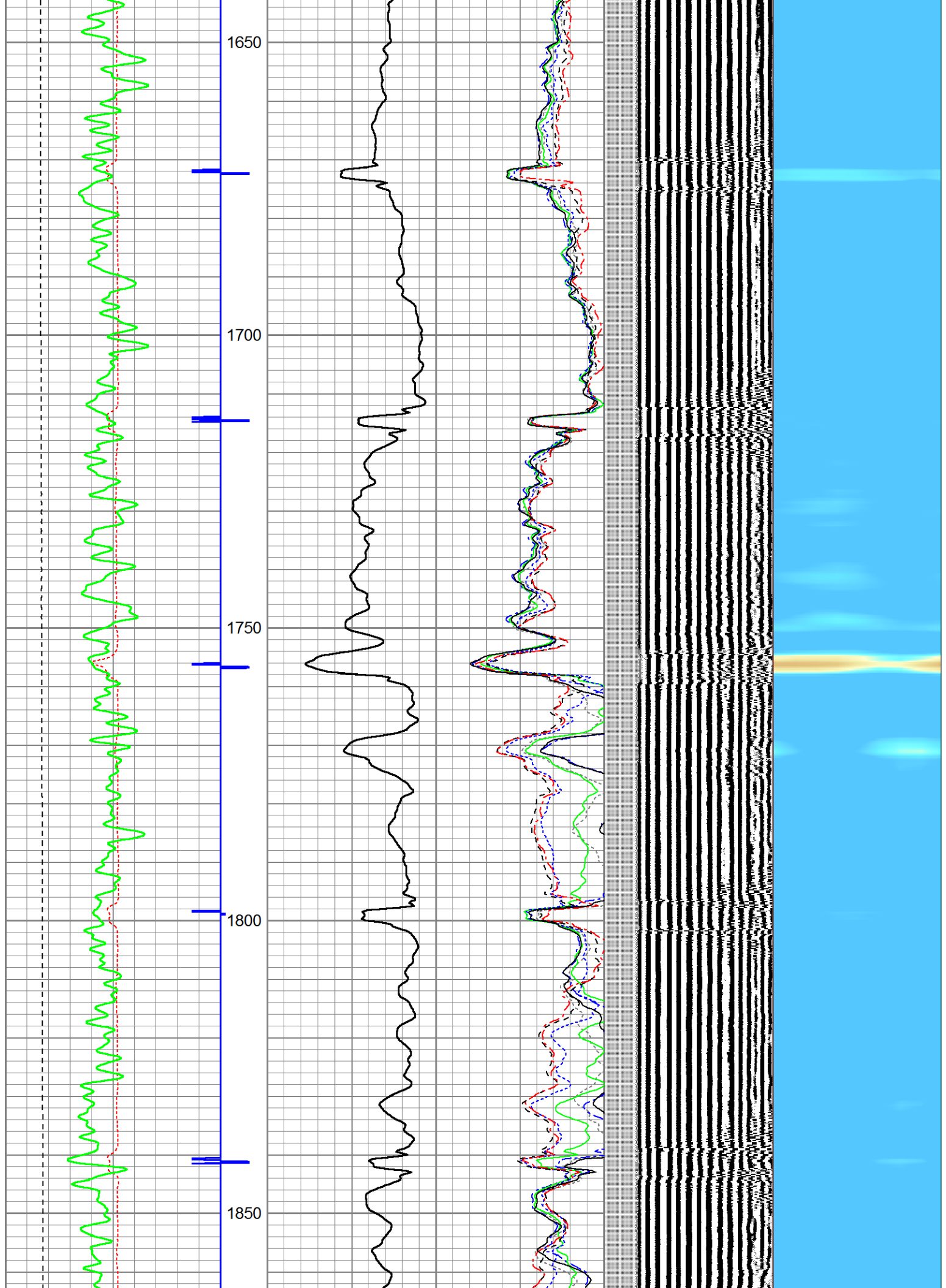


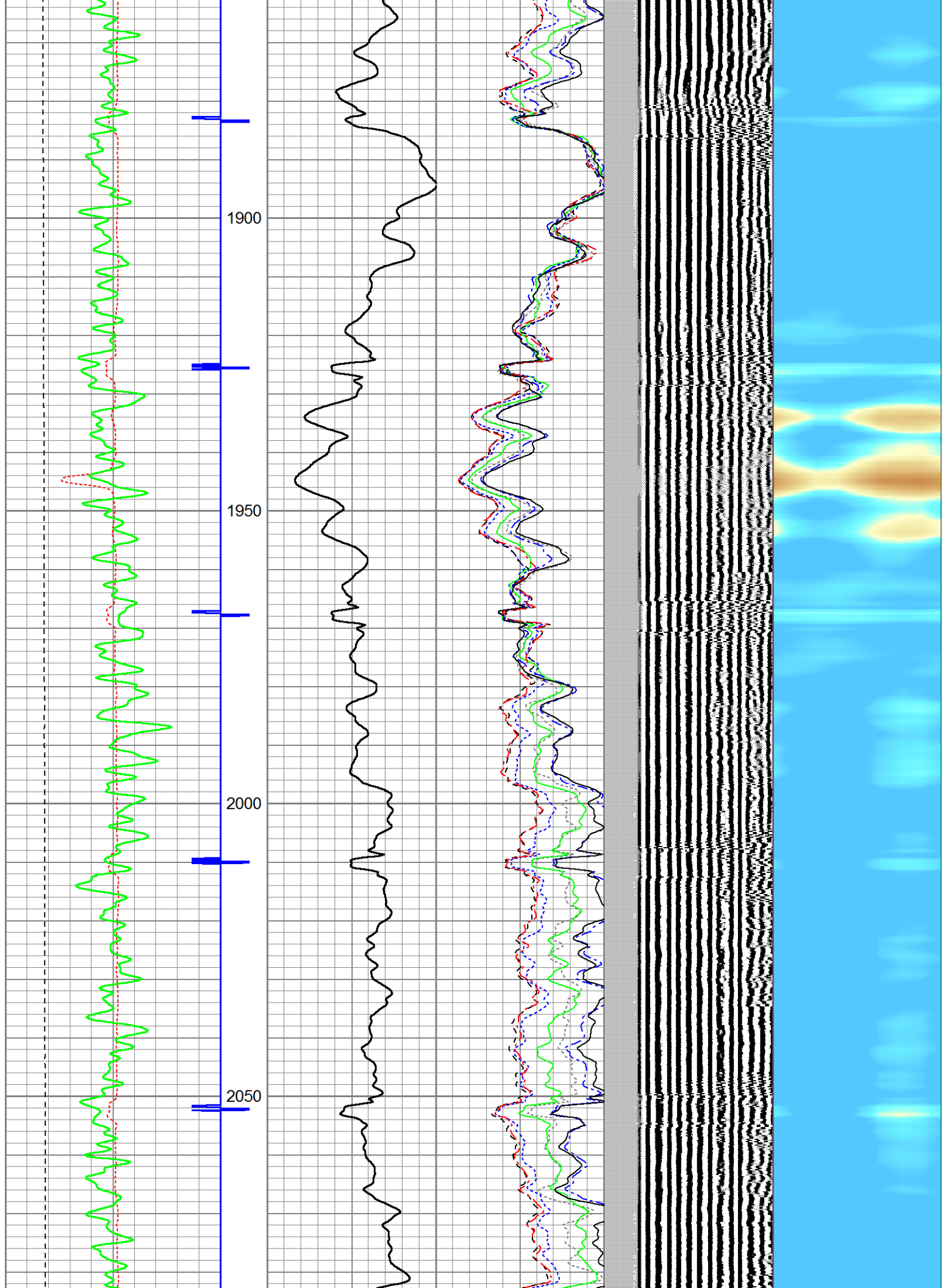


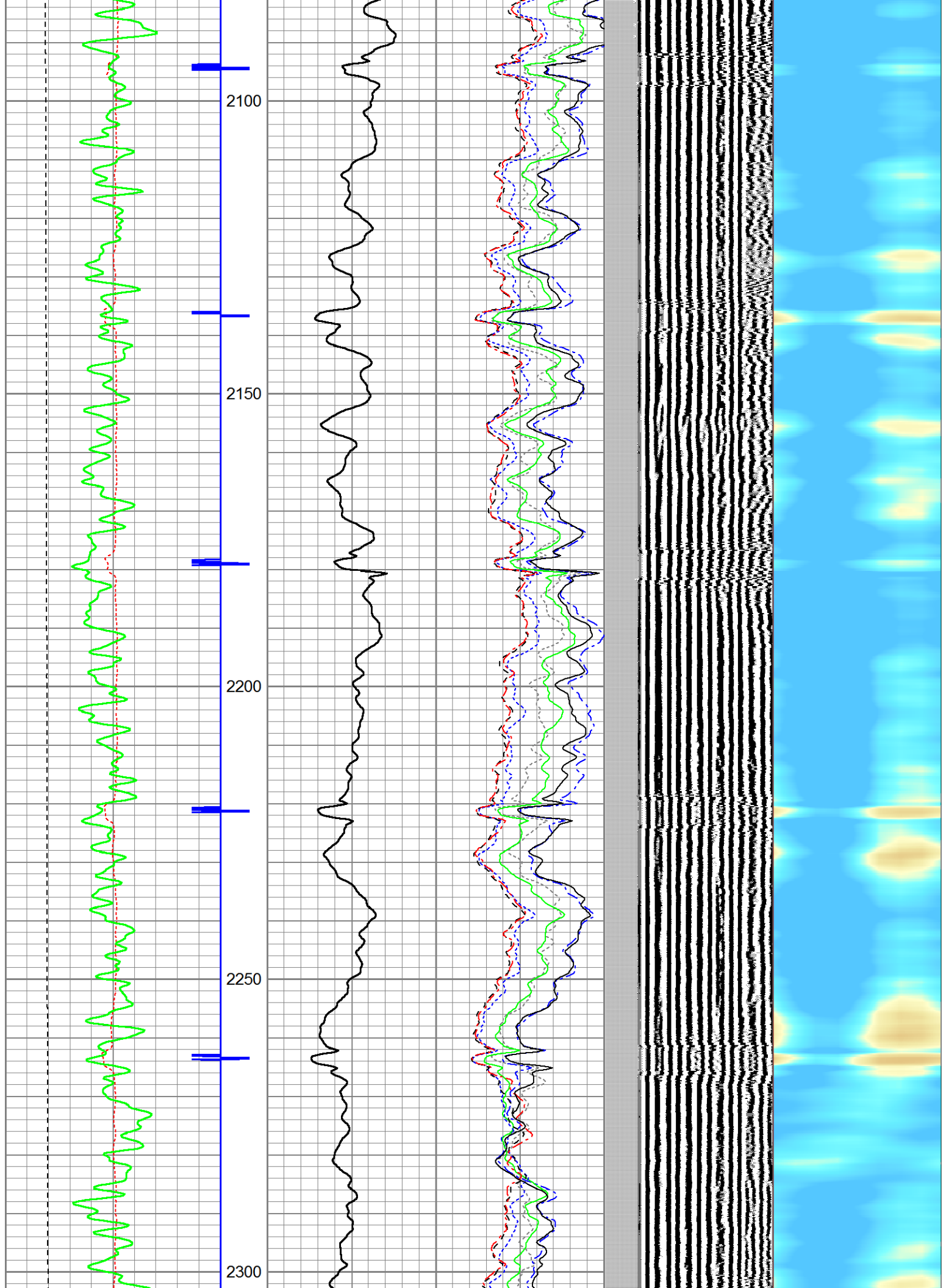


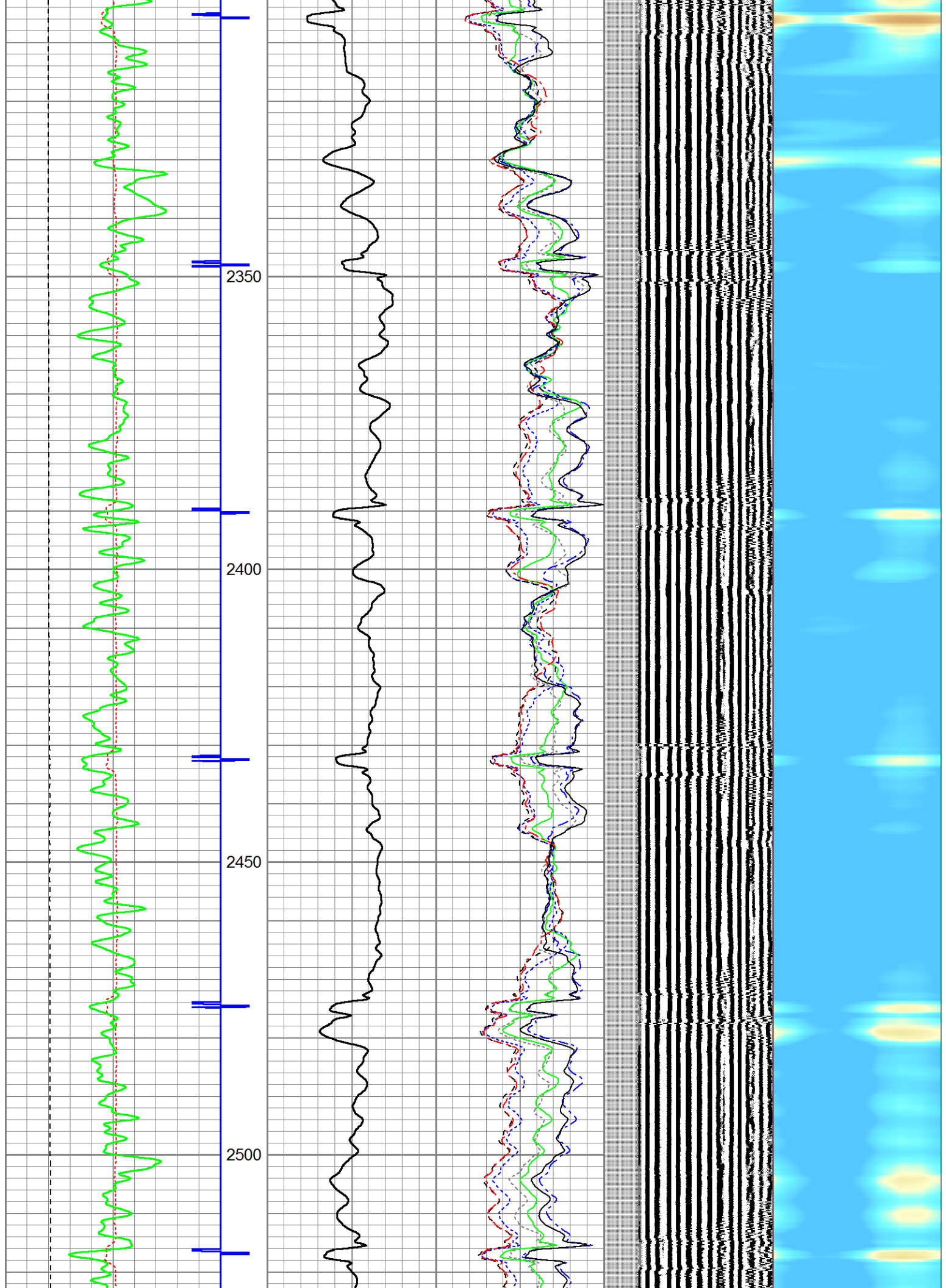


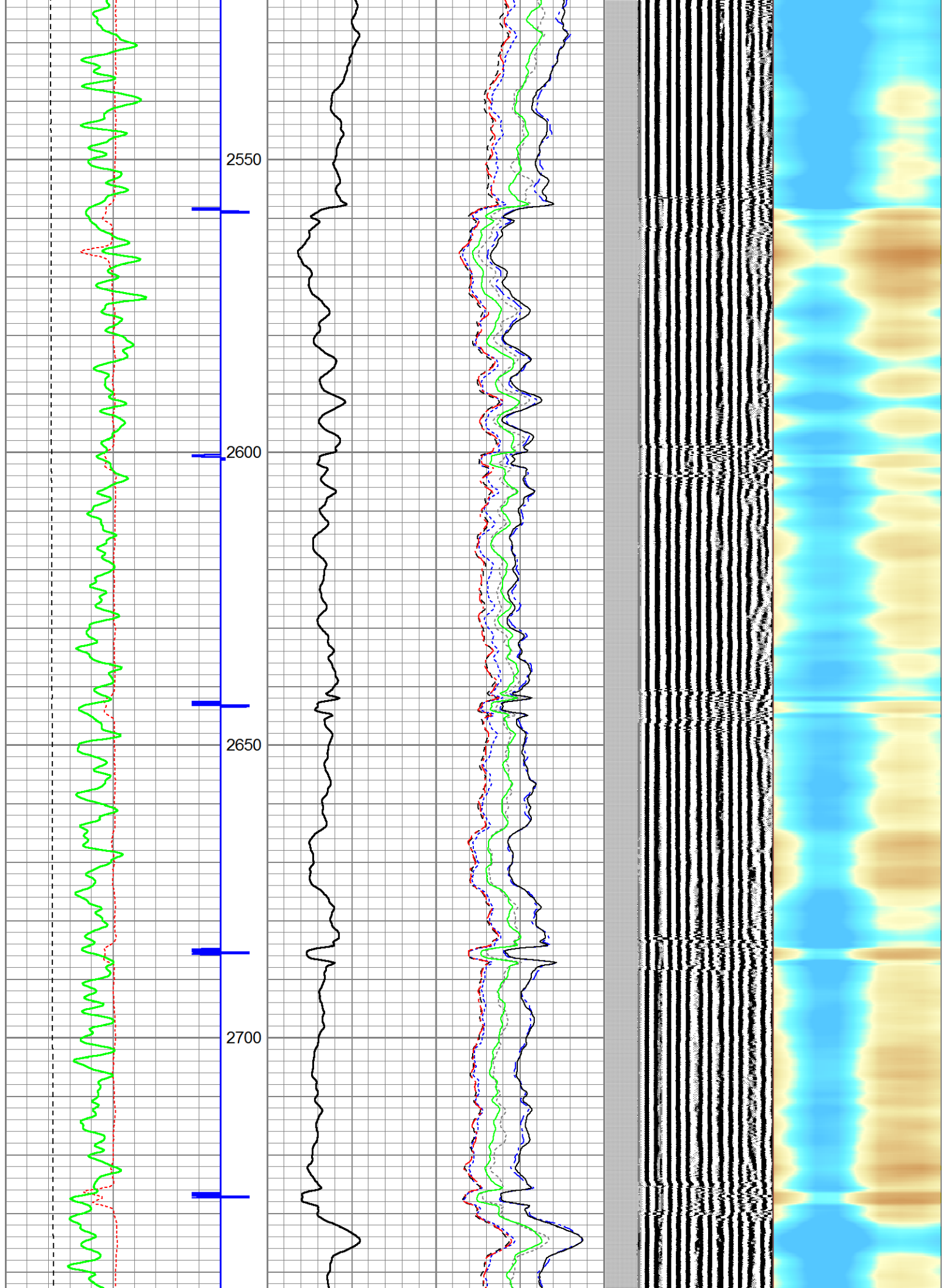


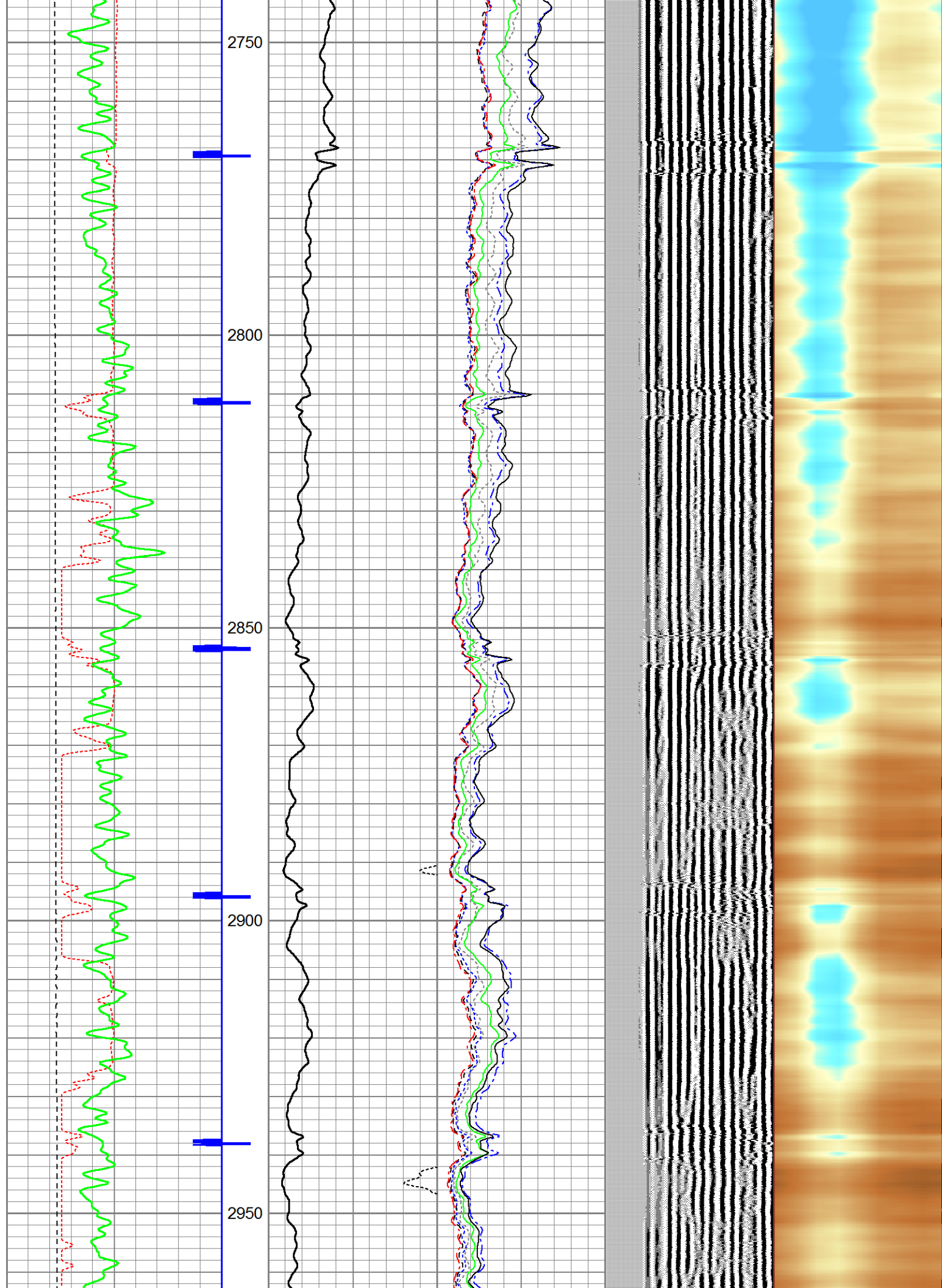


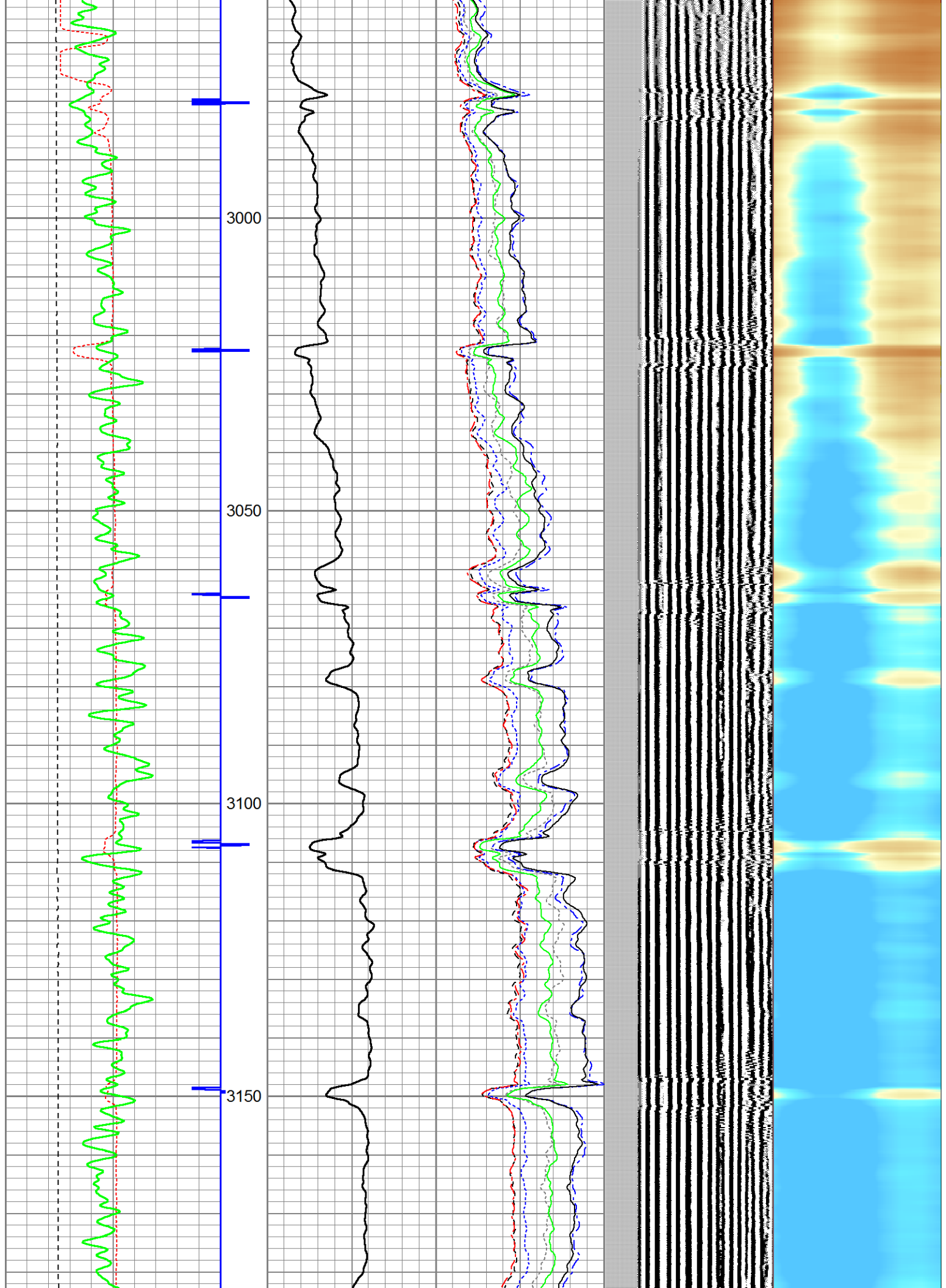


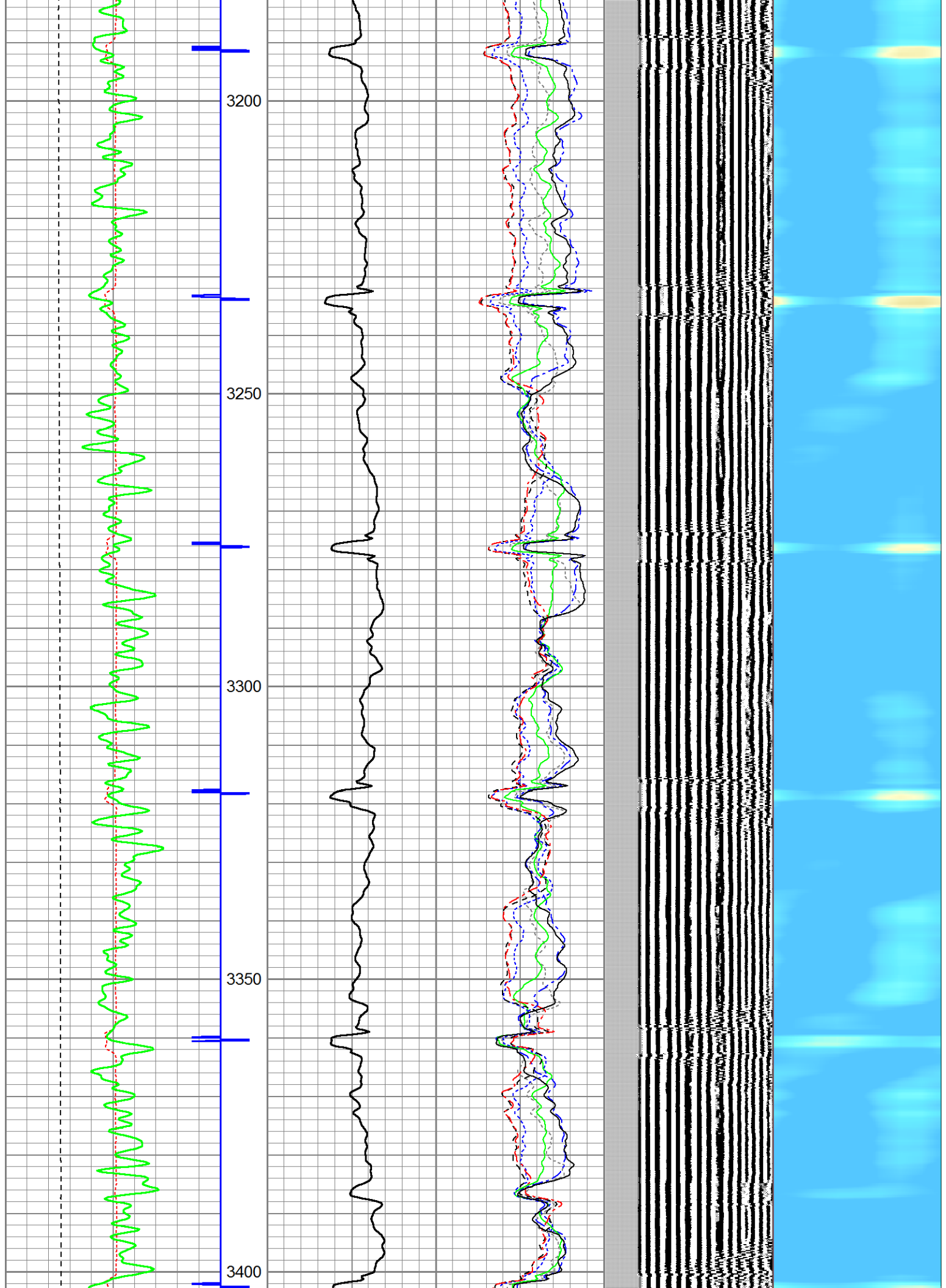


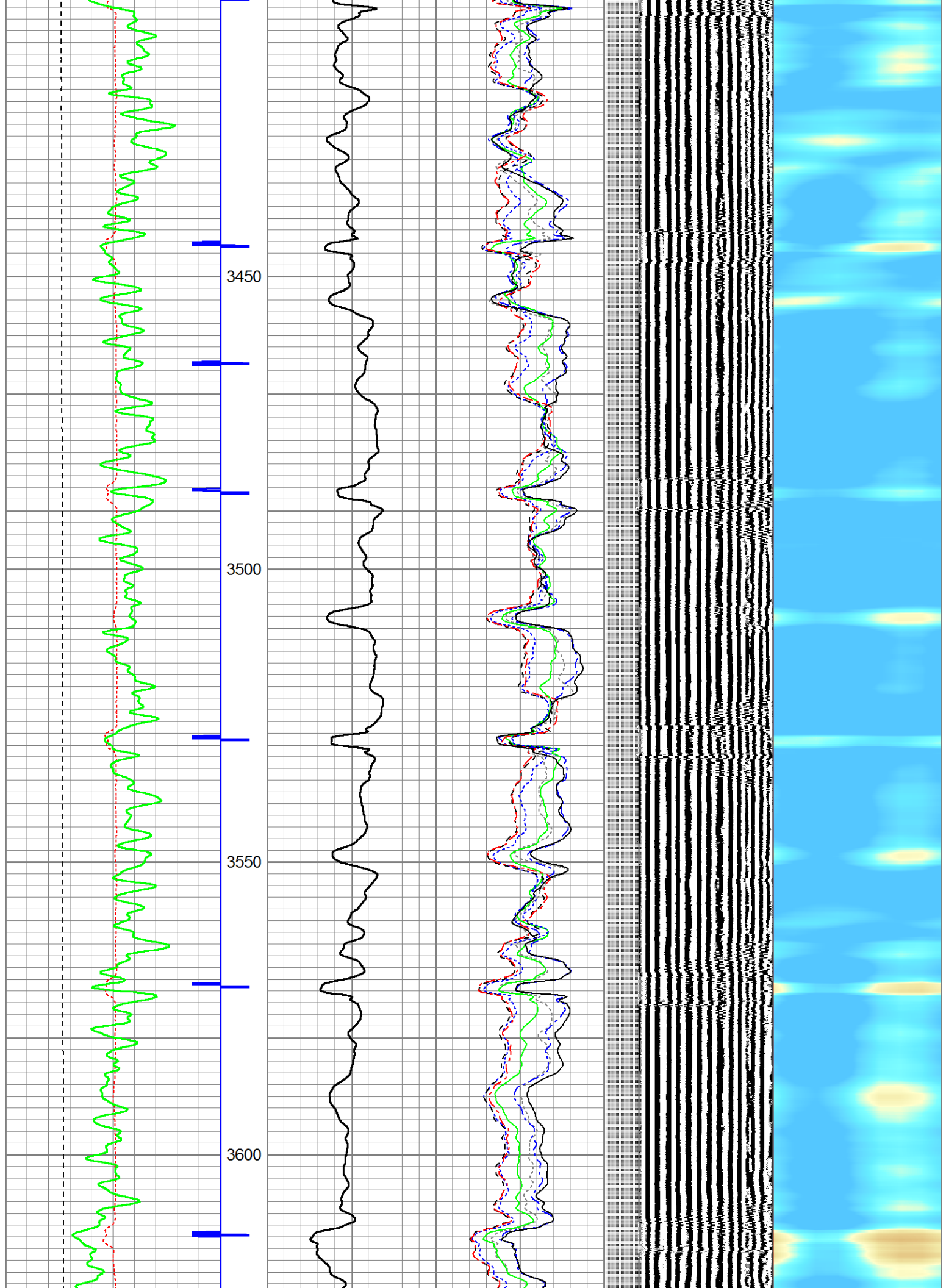


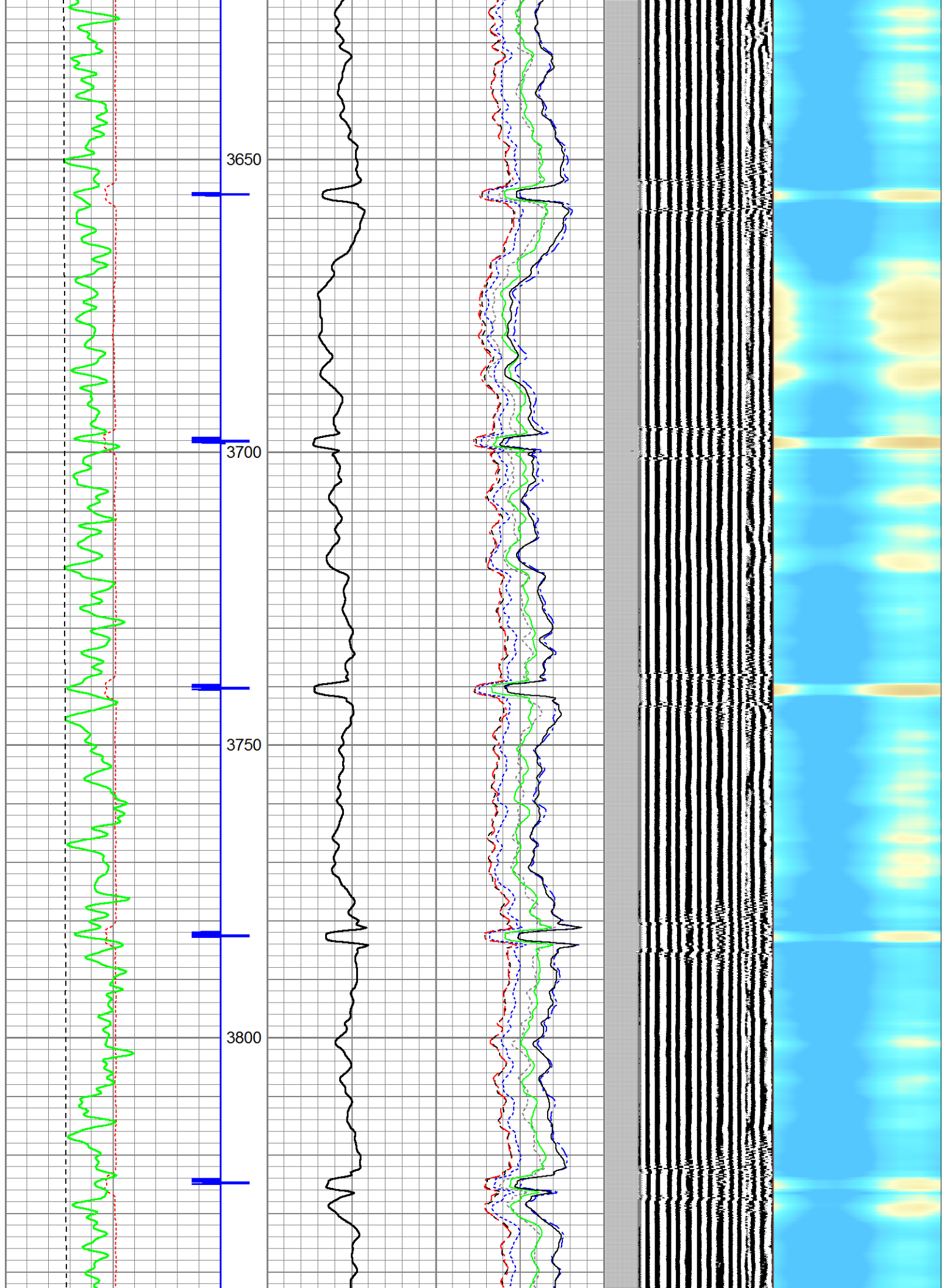


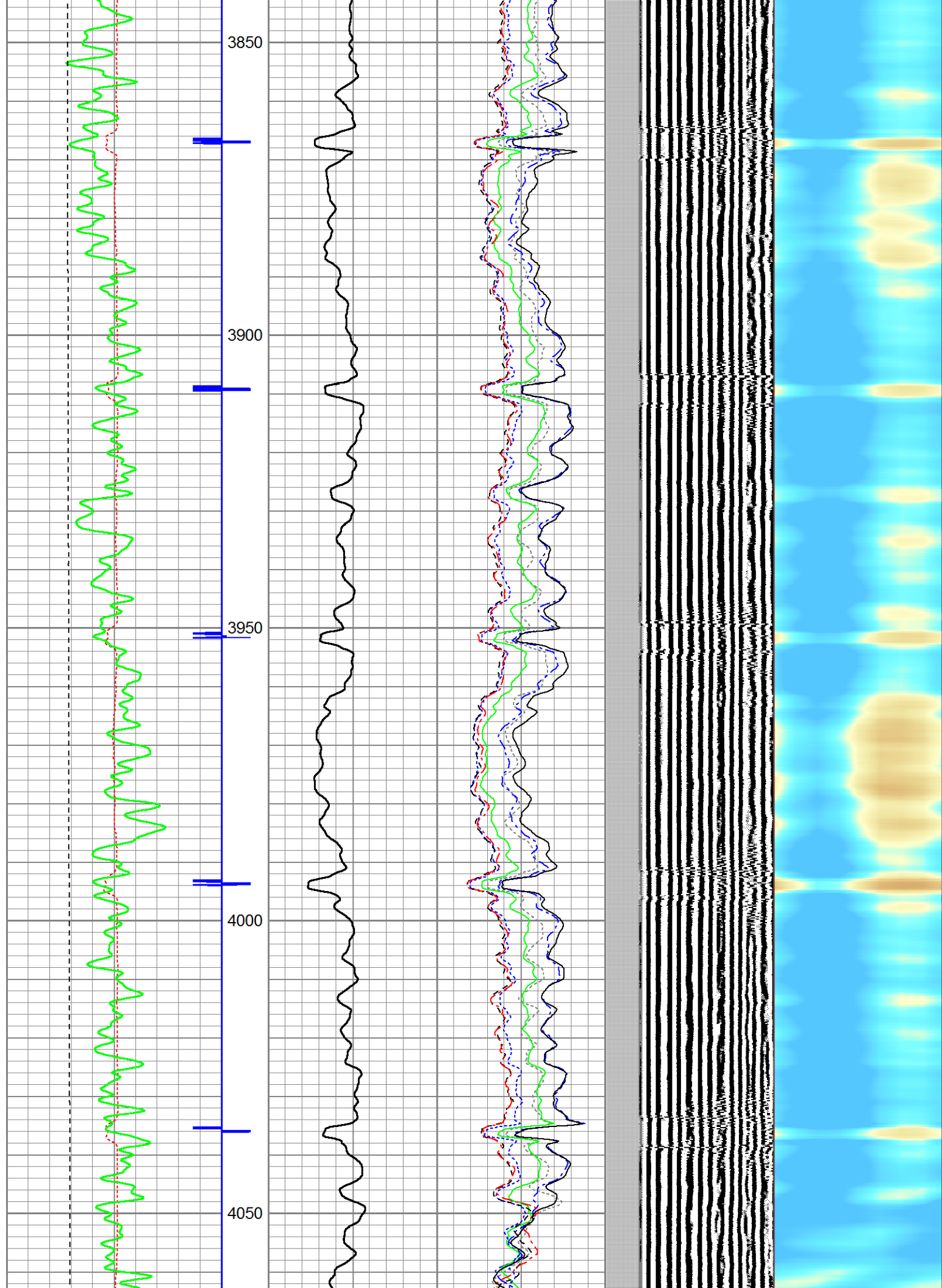


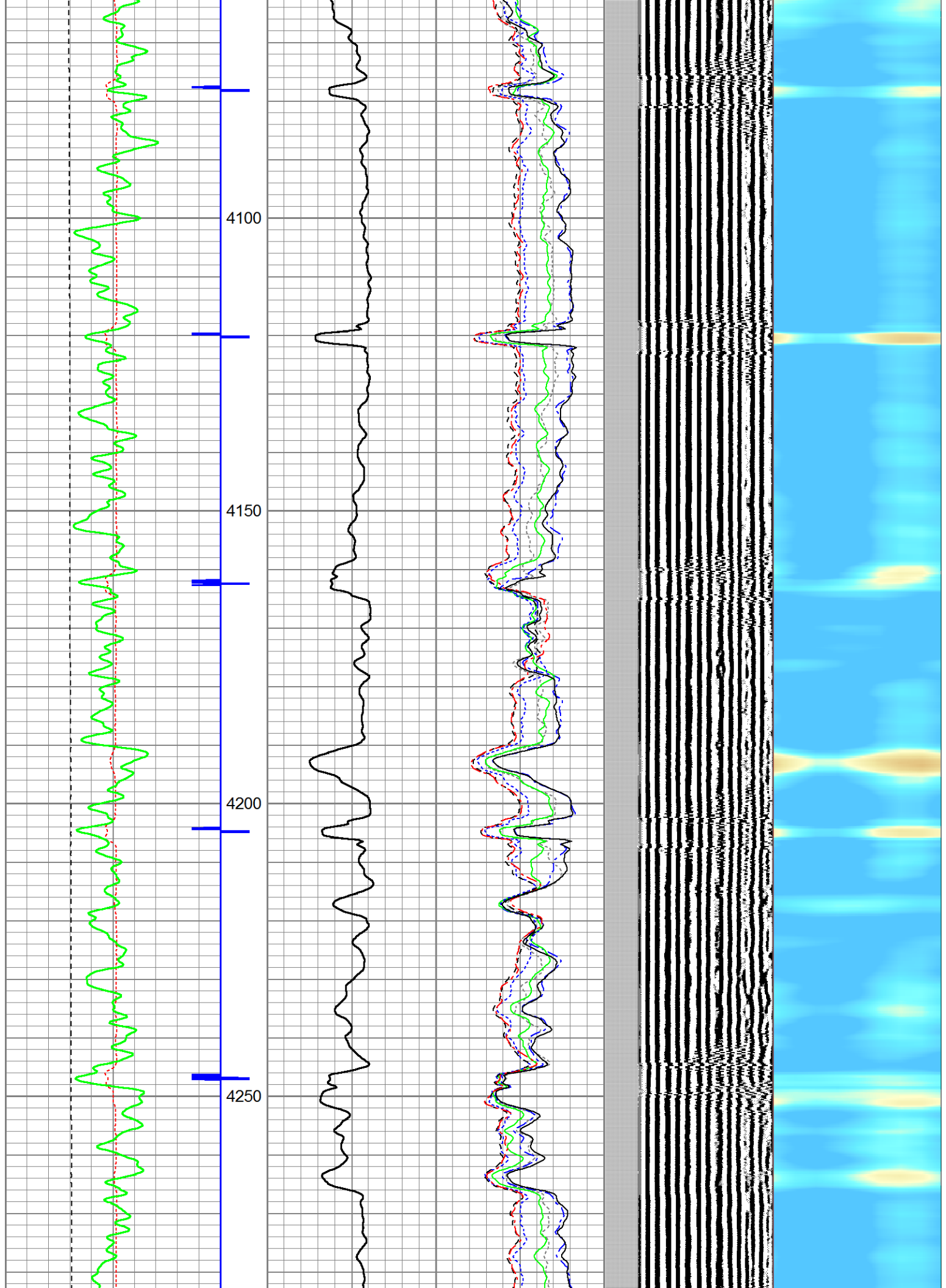


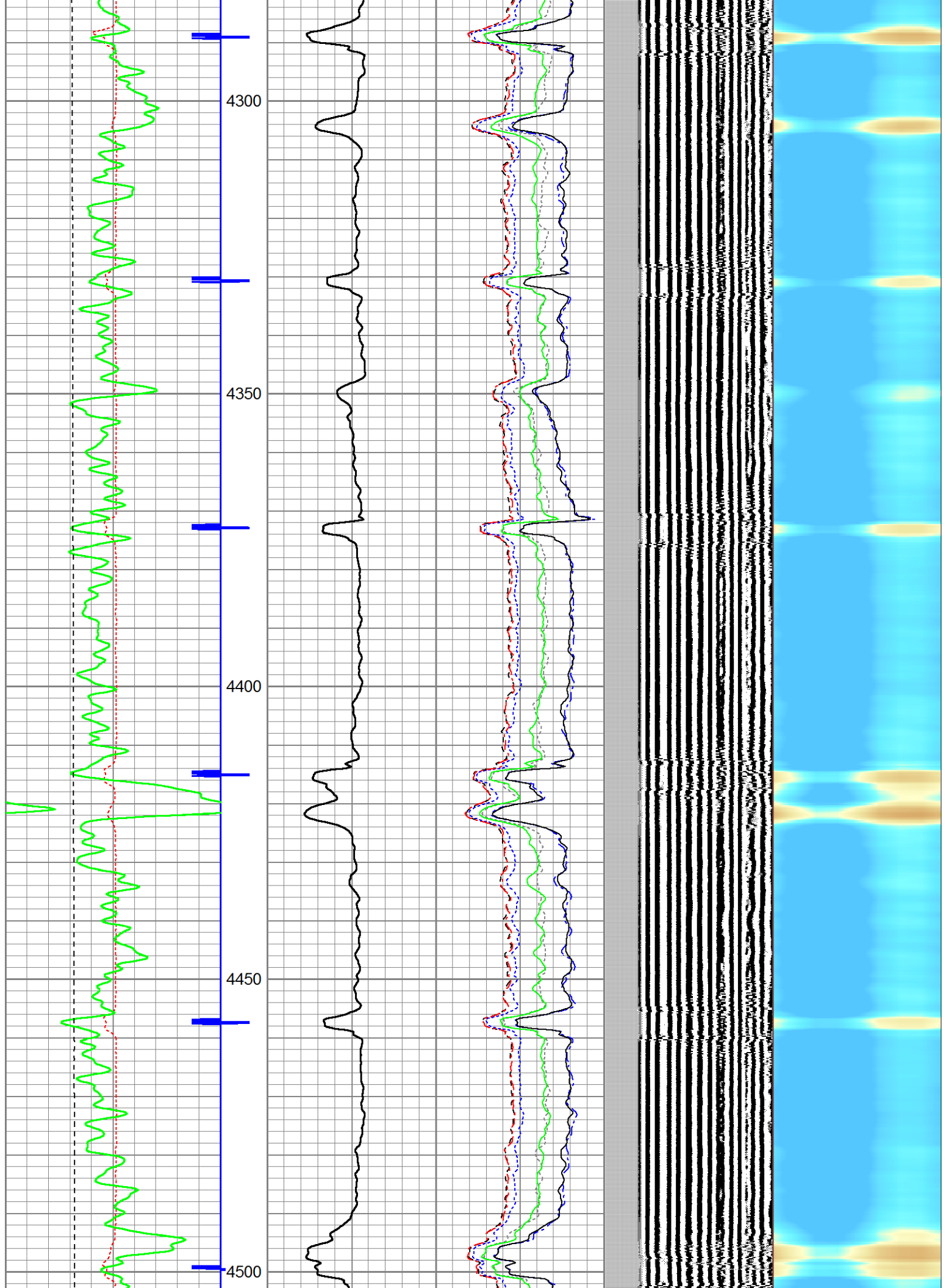


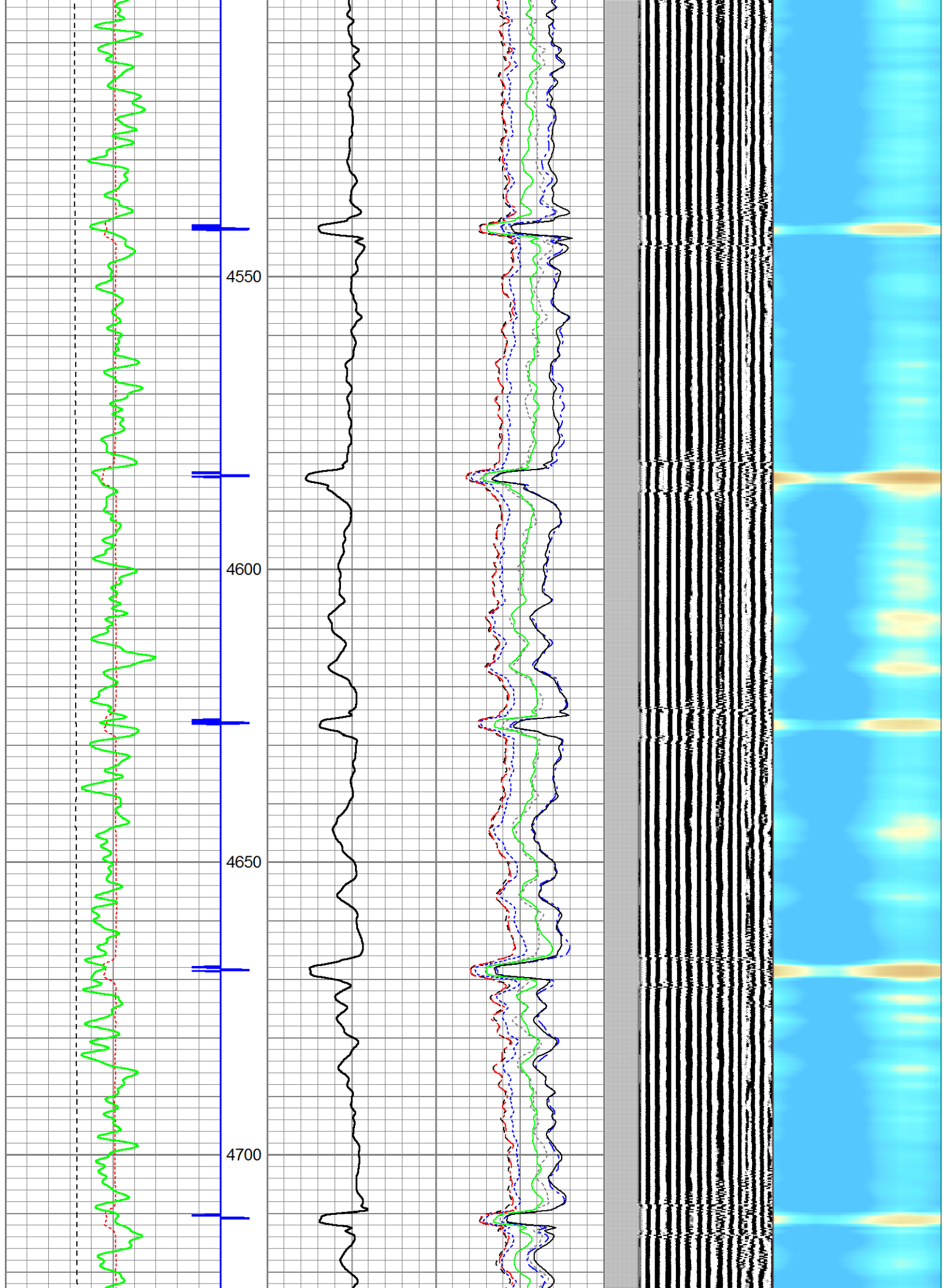


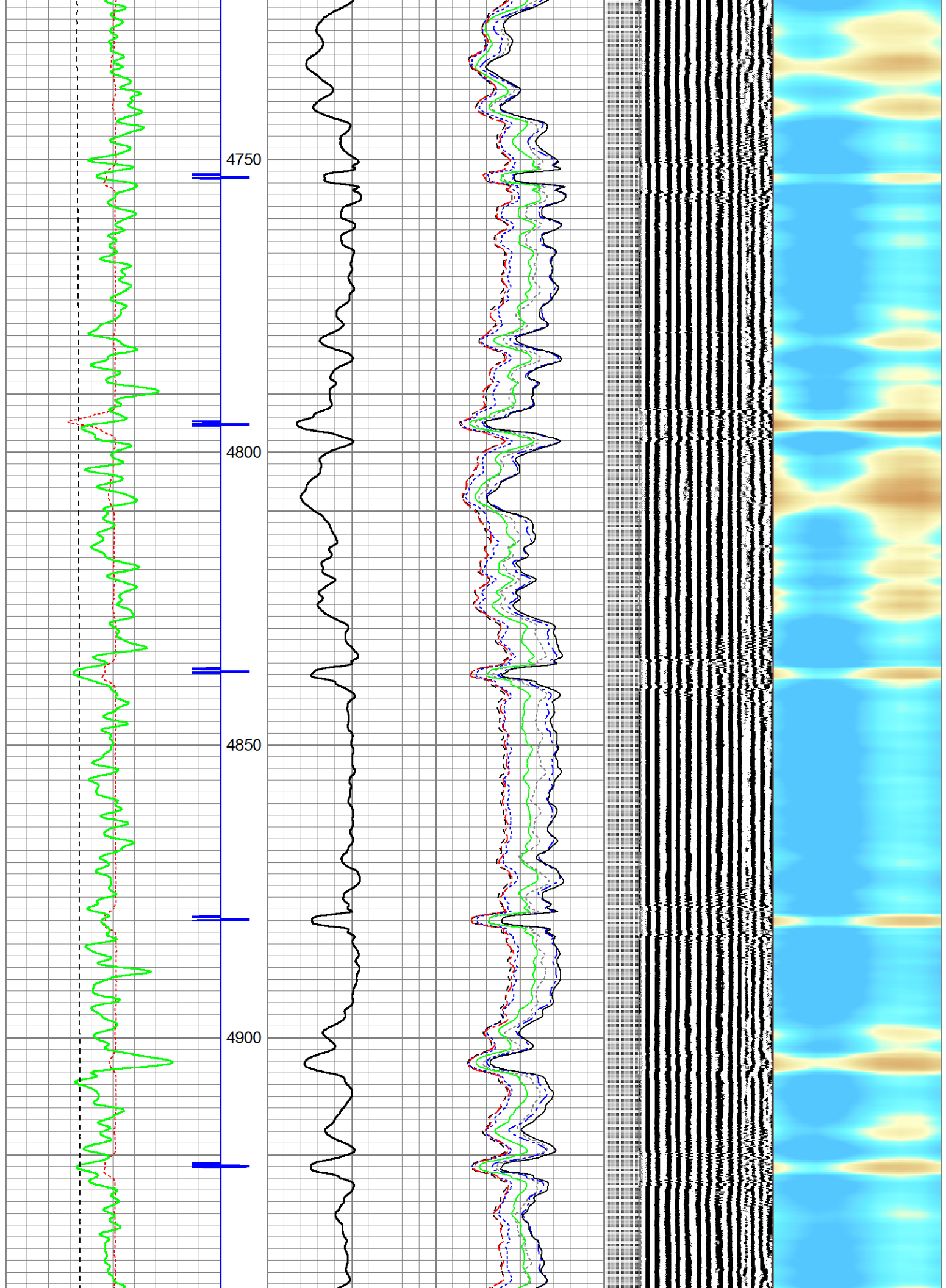


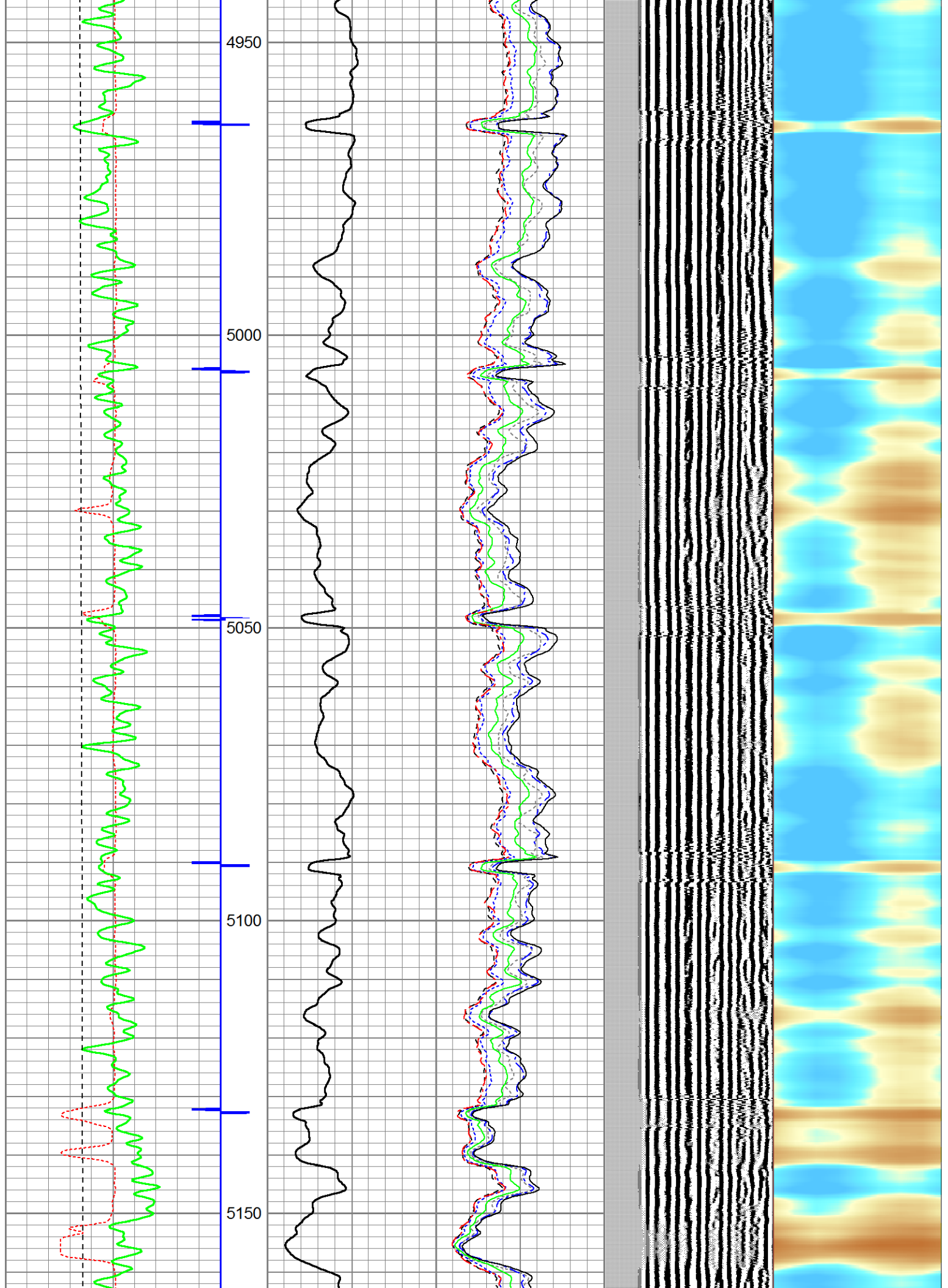


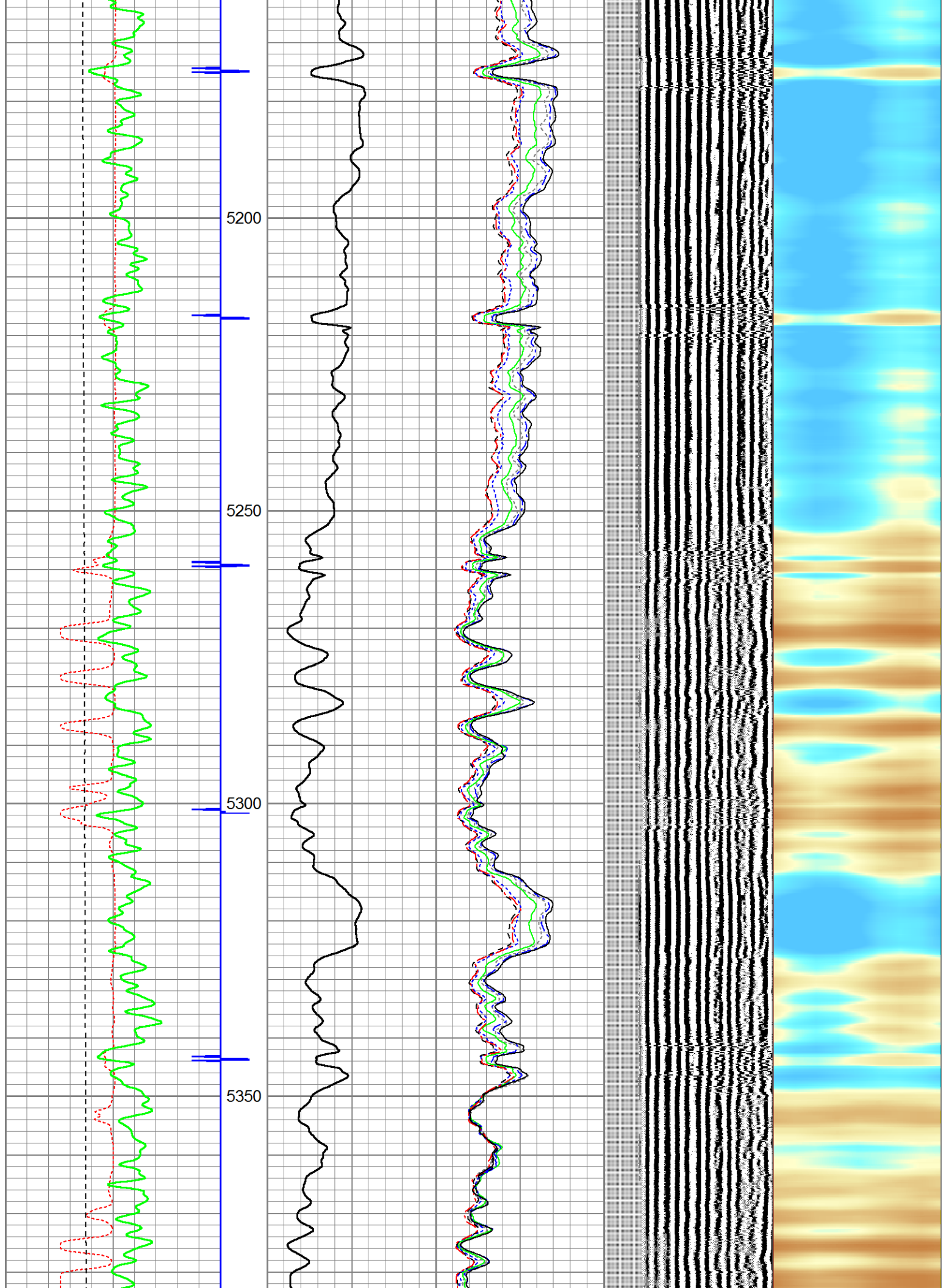


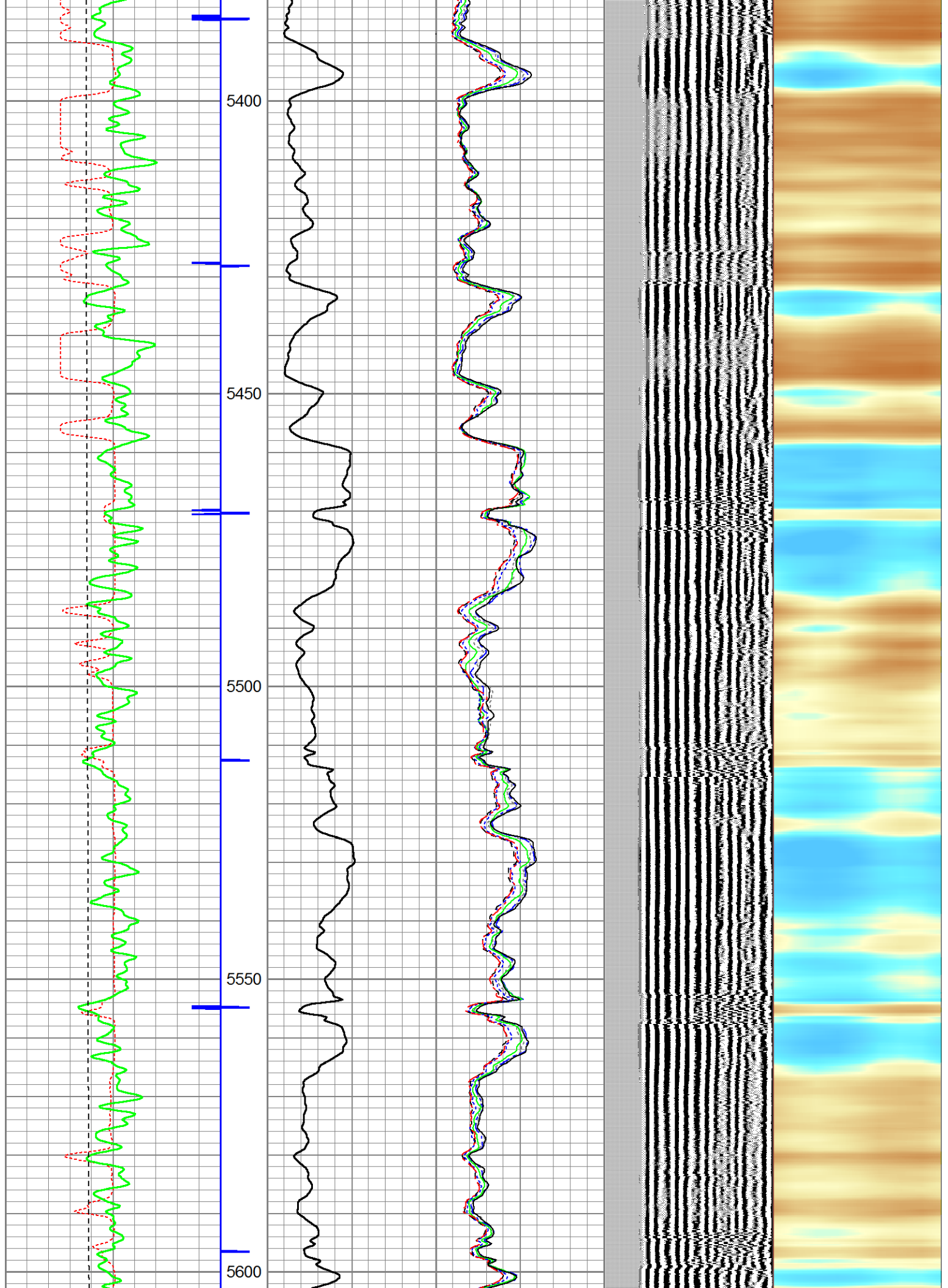


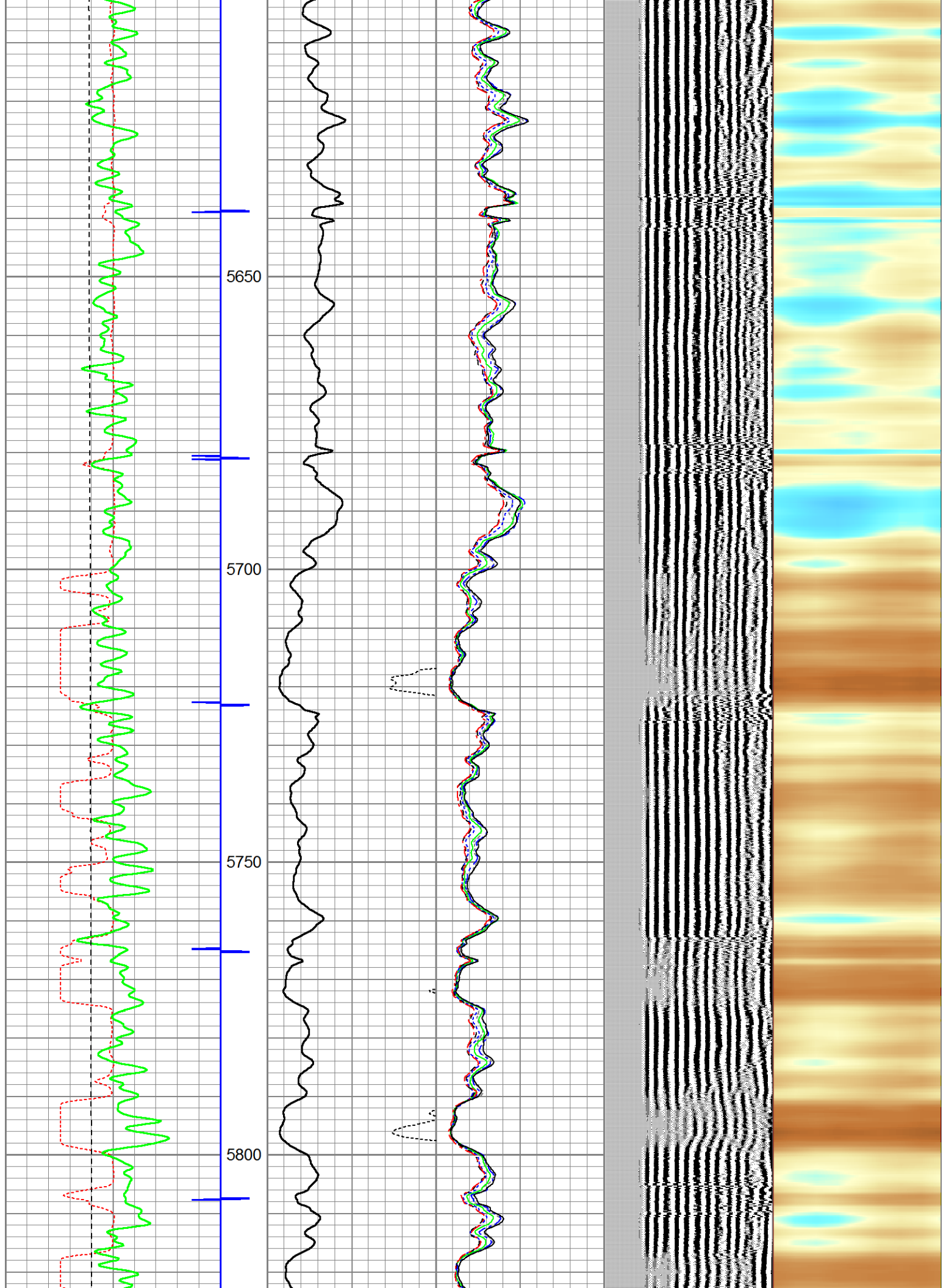


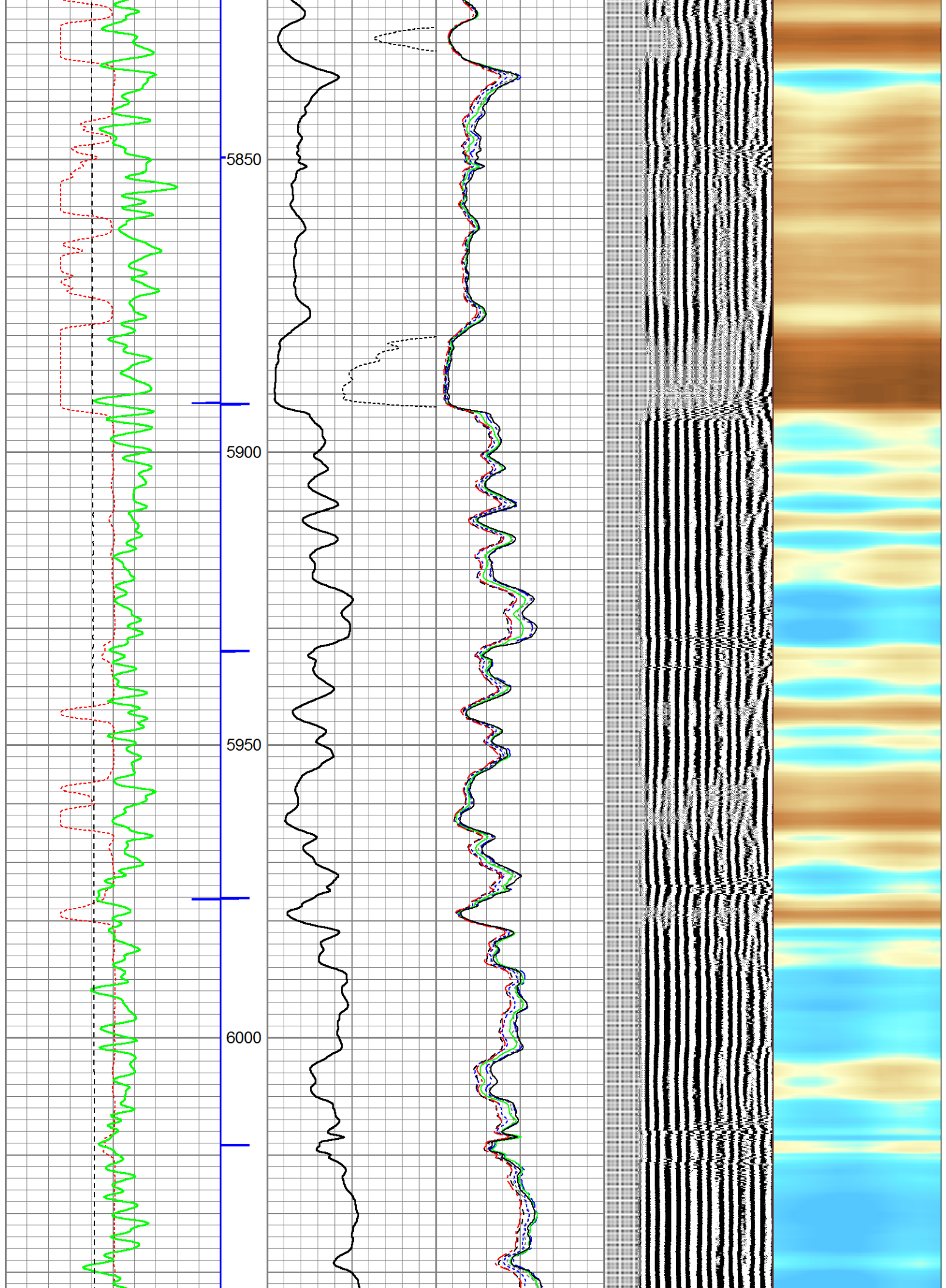


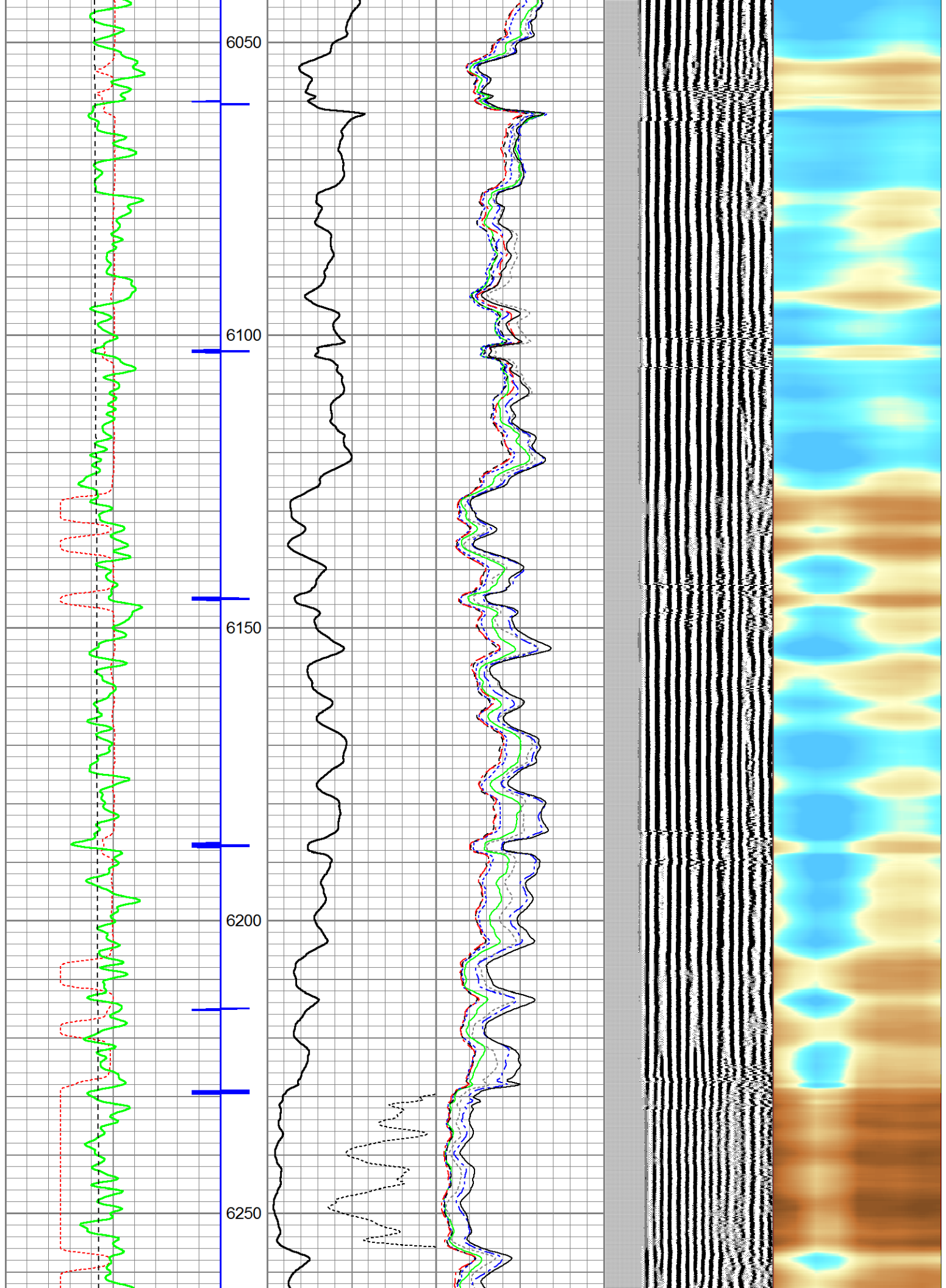


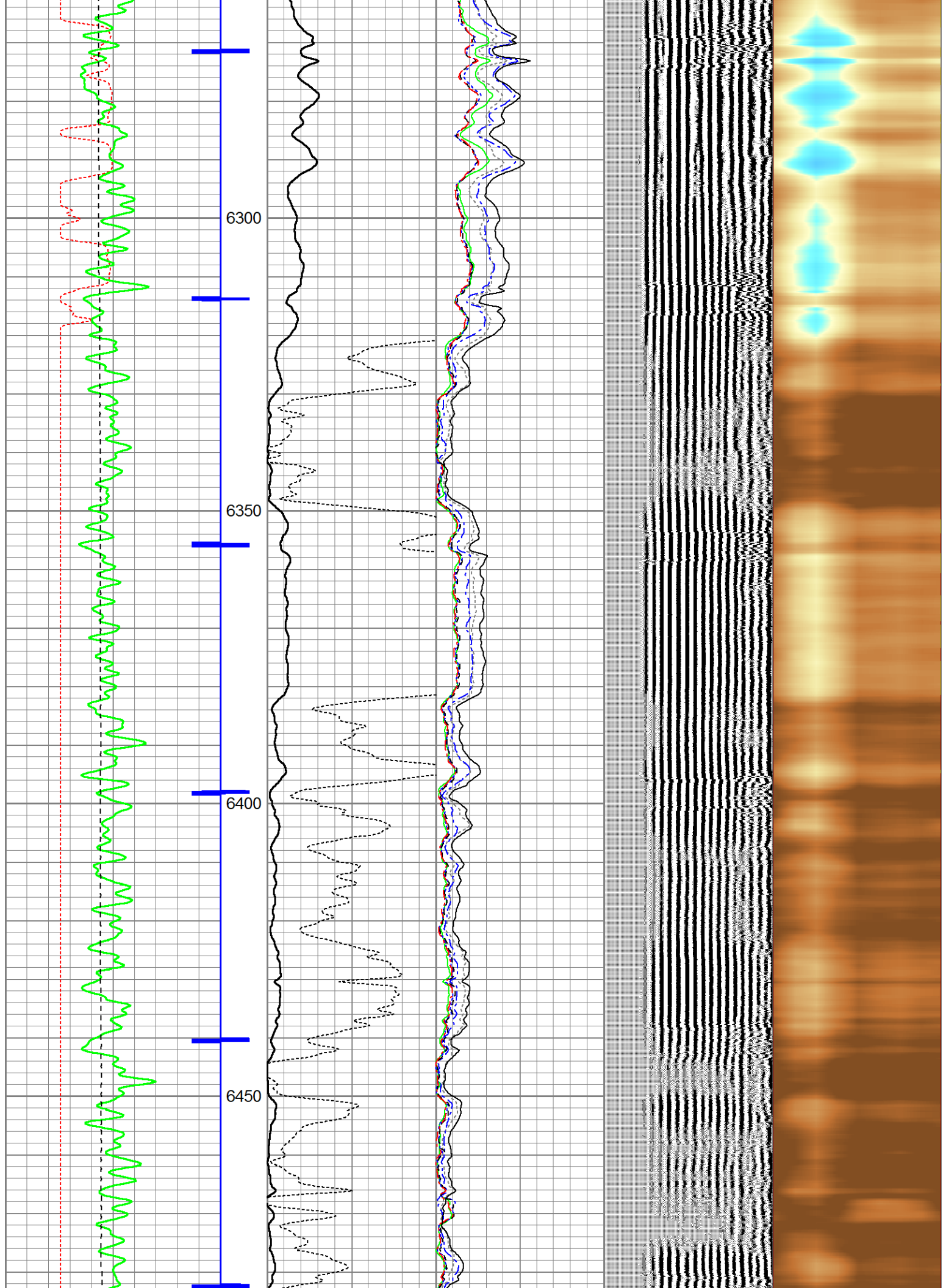


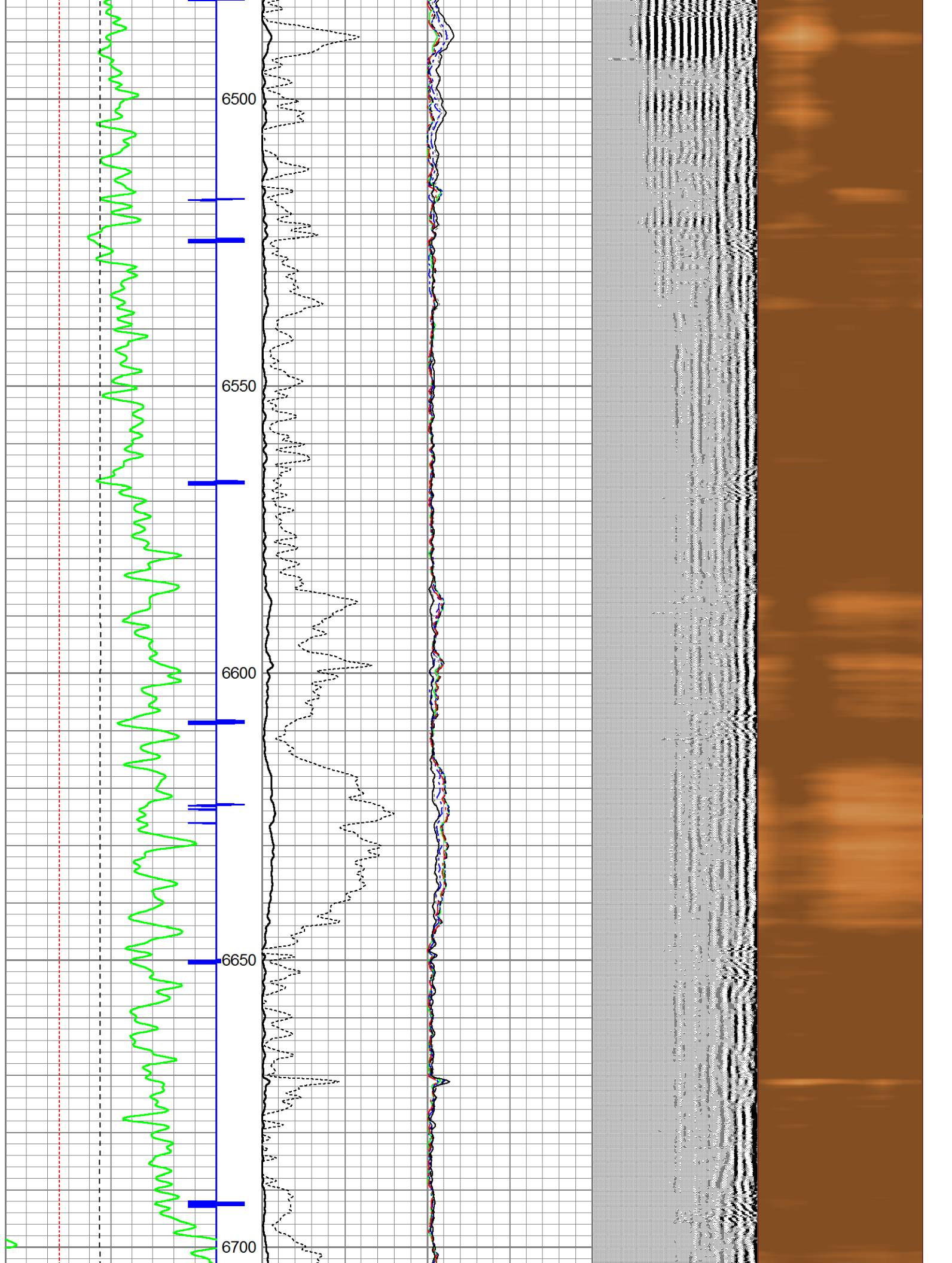


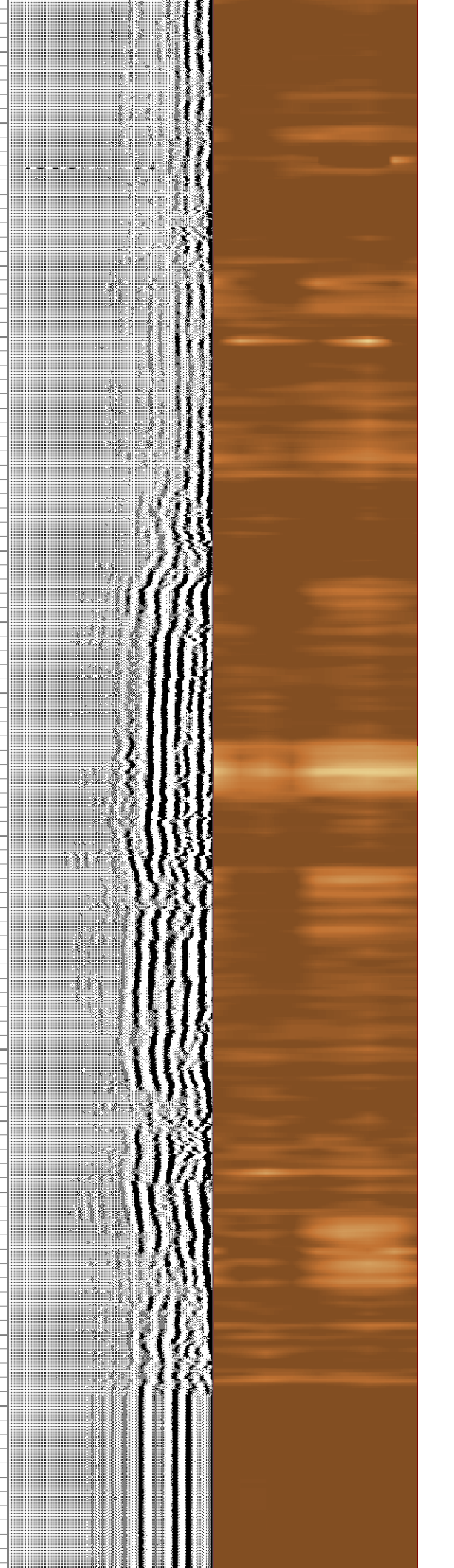
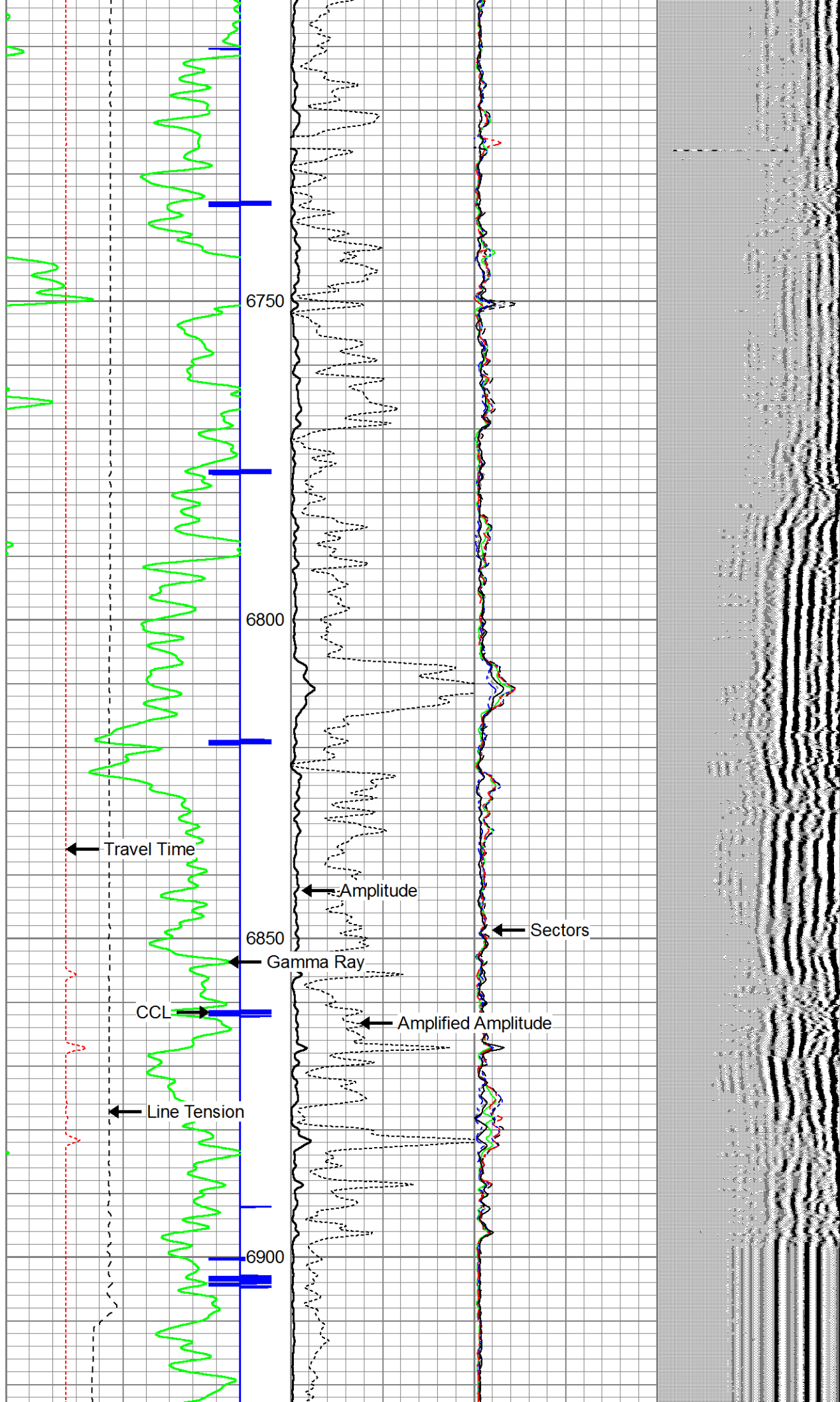


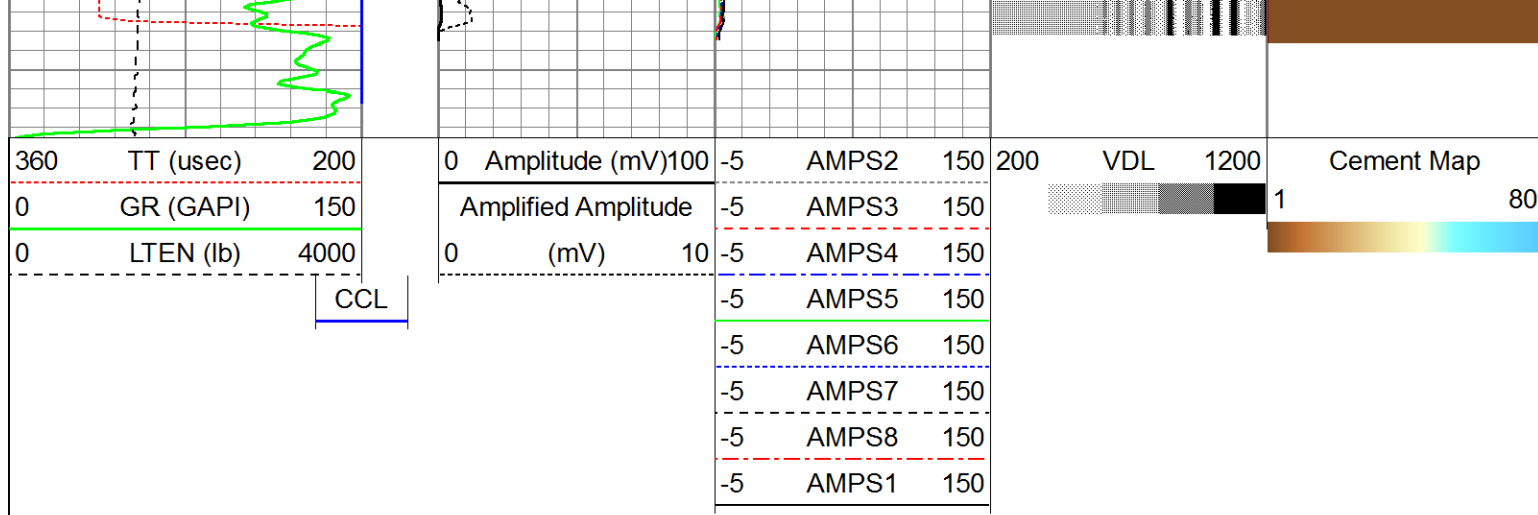






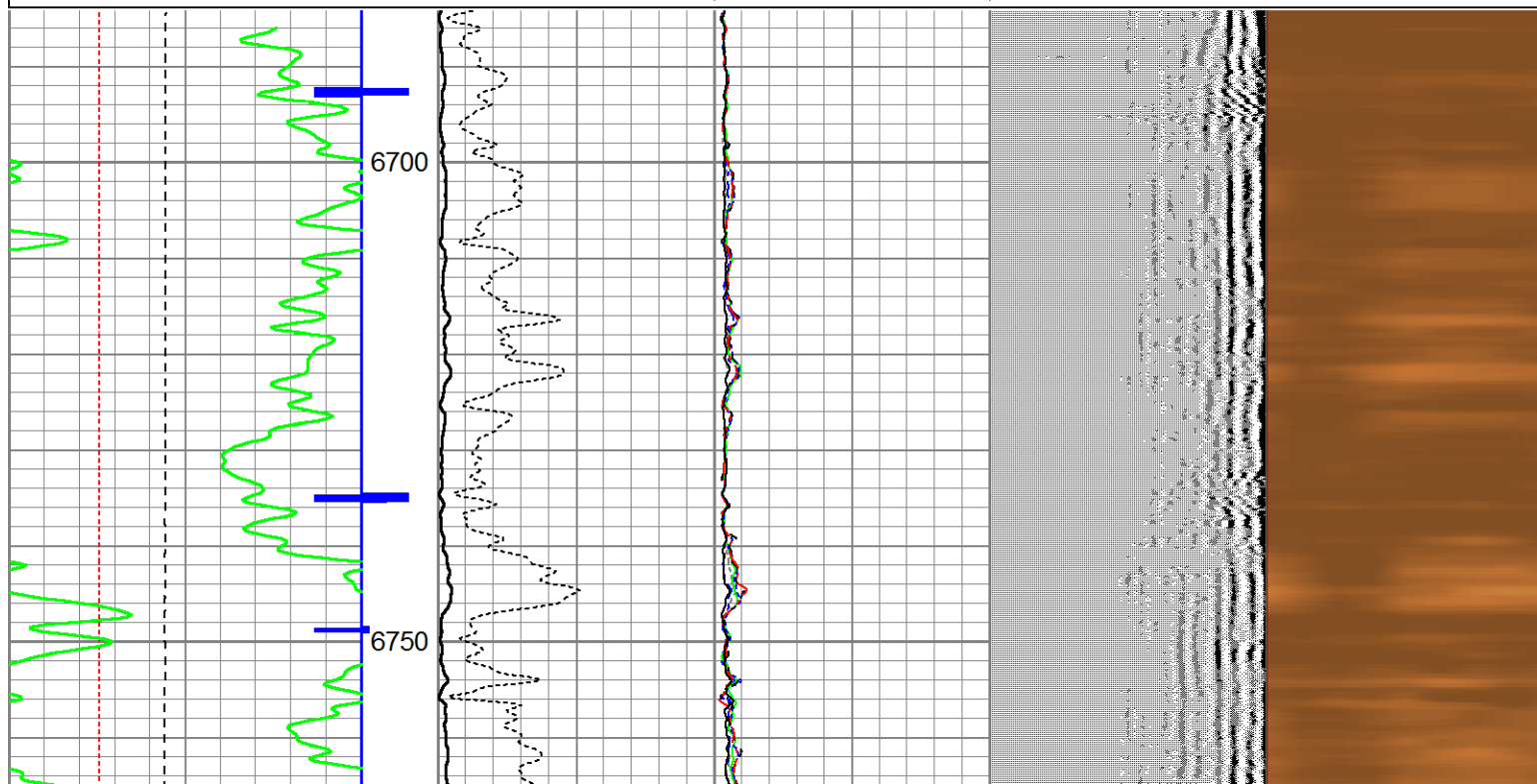
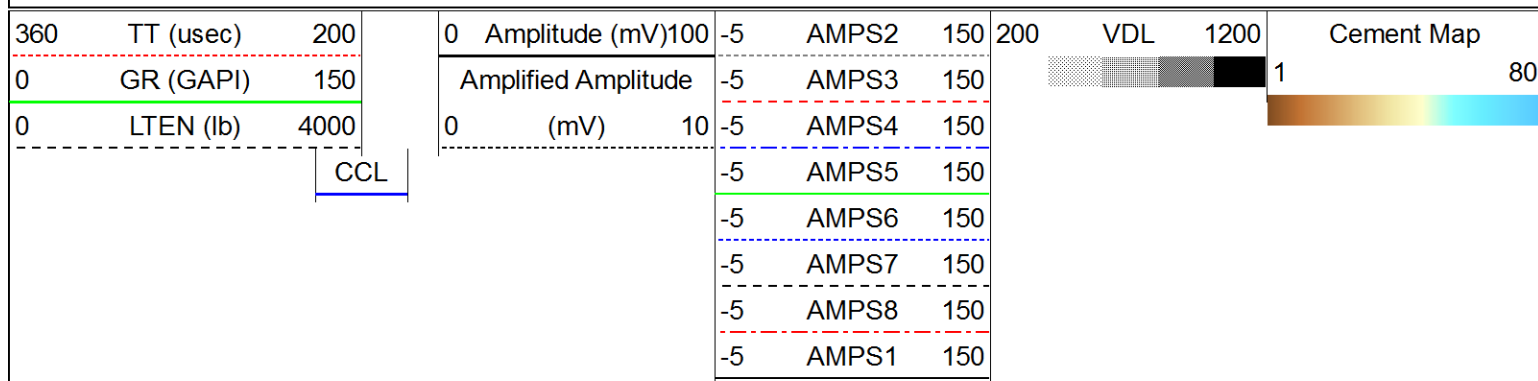


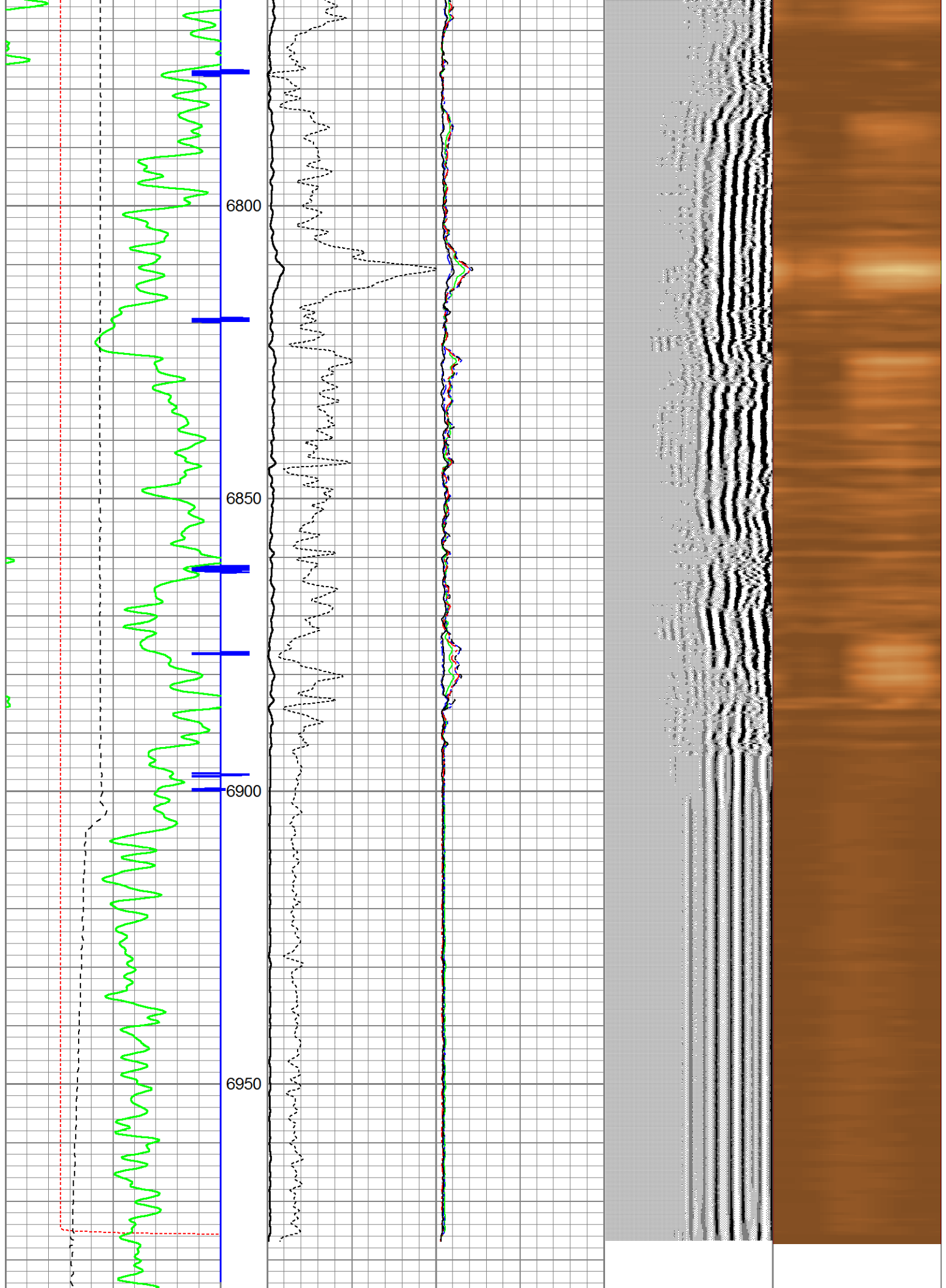


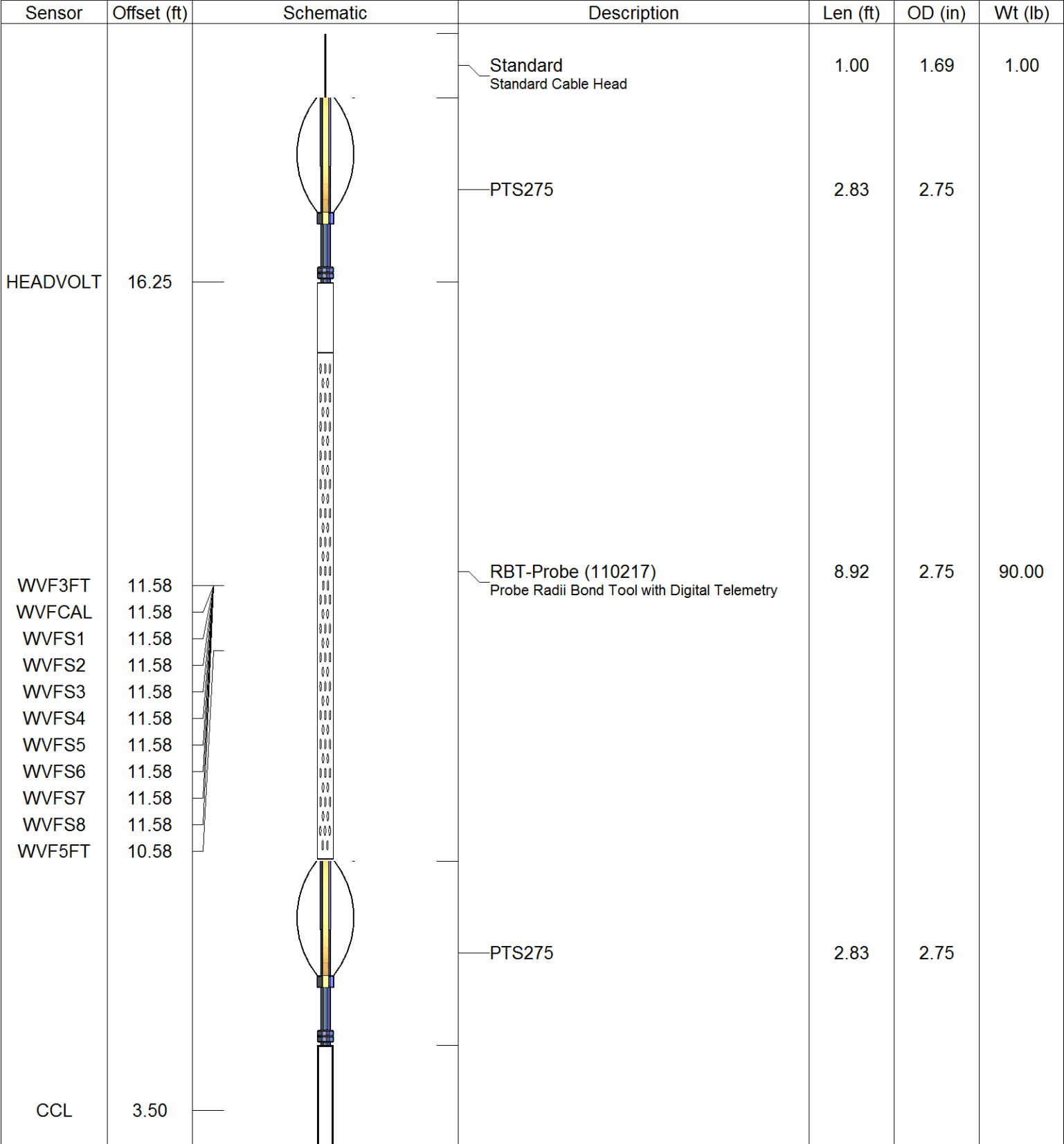
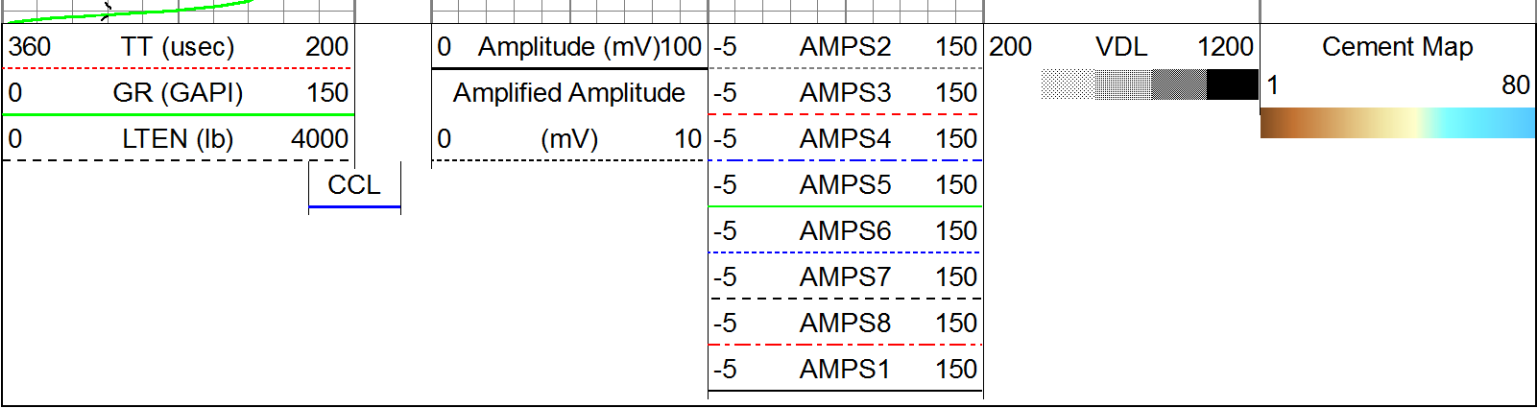


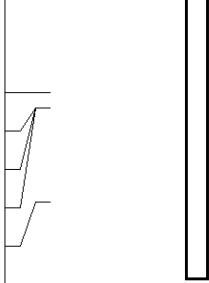
Repeat Pass


Database File: bayswater arellano I-10-9hn.db
Dataset Pathname: pass14
Presentation Format: anadarko
Dataset Creation: Tue Jul 14 12:05:30 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240







IntTemp	2.00		GR-275D_INC (275D_with_INC) 2-3/4" GR-CCL with Inclination	4.50	2.75	
ACCX	1.83					
ACCY	1.83					
ACCZ	1.83					
GR	0.83					
Dataset: bayswater arellano l-10-9hn.db: field/well/run1/pass16.3 Total Length: 20.08 ft Total Weight: 91.00 lb O.D. 2.75 in						

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