

CEMENT BOND LOG

Company	CASCADE PETROLEUM	Company	CASCADE PETROLEUM
Well	GAEDE 95-55W-08-16	Well	GAEDE 95-55W-08-16
Field	WILDCAT	Field	WILDCAT
County	LINCOLN	County	LINCOLN
State	COLORADO	State	COLORADO
Location:	API # : 0507306665		Other Services
530' FNL & 2520' FEL NWNE			
SEC	TWP	RGE	Elevation
Permanent Datum	GL	Elevation	5587'
Log Measured From	KB	K.B.:	5602'
Drilling Measured From	KELLY BUSHING	D.F.:	5601'
		G.L.:	5587'

Date	18 NOV 2014
Run Number	ONE
Depth Driller	8493'
Depth Logger	8488'
Bottom Logged Interval	8487'
Top Log Interval	0'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
Estimated Cement Top	N/A
Time Well Ready	10:30
Time Logger on Bottom	11:30
Equipment Number	13033
Location	BRIGHTON
Recorded By	J. OSTLER
Witnessed By	MIKE DECKER
Borehole Record	
Run Number	Bit
	From
	To
	Size
	Weight
	From
	To
Tubing Record	
Casing Record	Size
Surface String	8.625"
P rot. String	5.5"
P production String	17#
Liner	
	Wd/ft
	Top
	Bottom

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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

WELL WAS LOGGED WITH 0 PSI AT THE WELL HEAD
CREW: JAMES VALENTINE, TIM FISHEL, JON MCMAHON

WIRELINE SERVICES

Database File: cascade petroleum.db
 Dataset Pathname: pass6
 Presentation Format: scbl03
 Dataset Creation: Tue Nov 18 12:04:09 2014 by Log 0
 Charted by: Depth in Feet scaled 1:240

400	Travel Time (usec)	200
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
0	Line Tension (lb)	2000

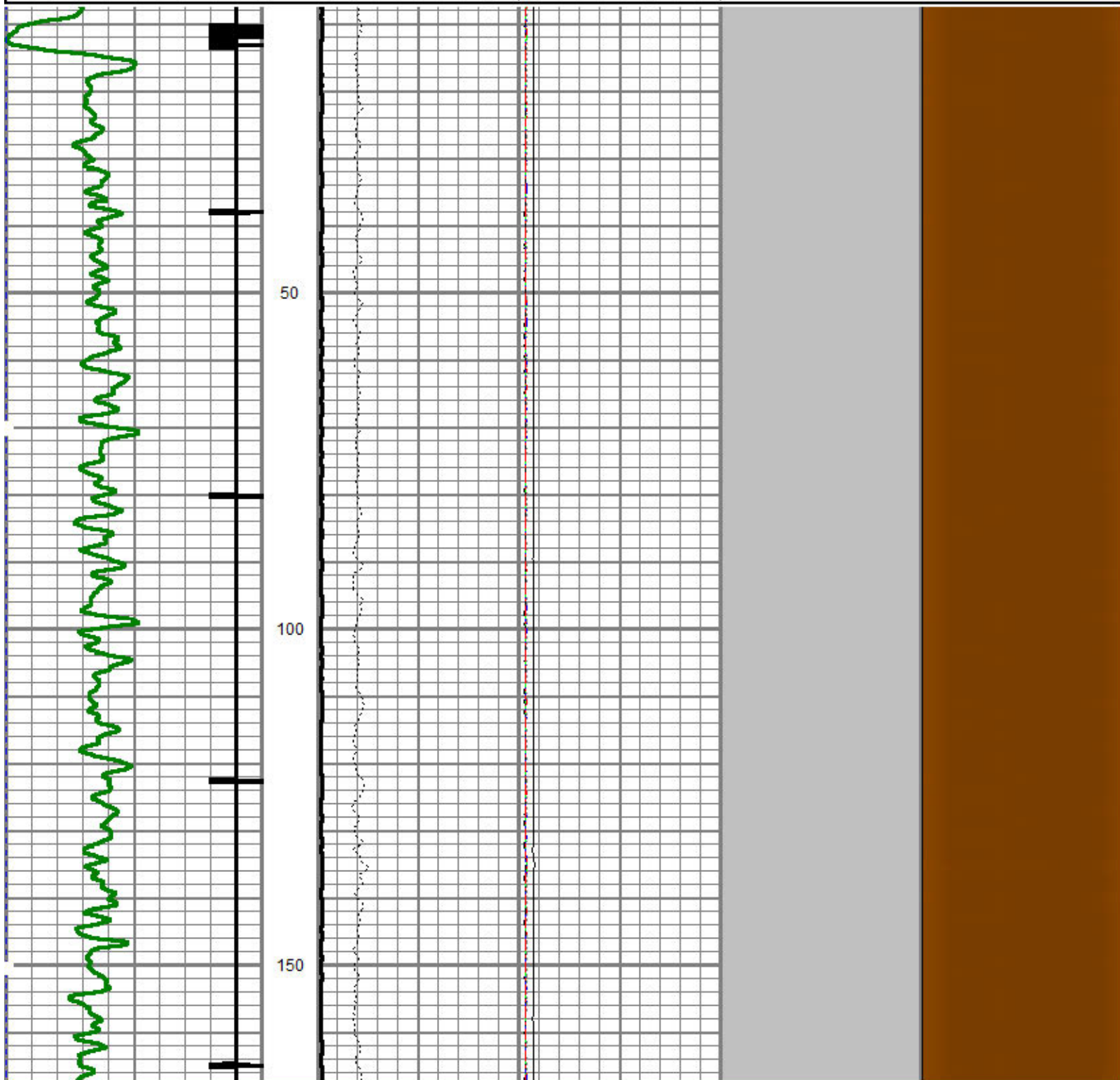
0	Amplitude (mV)	100
	Amplified Amplitude	
0	(mV)	10

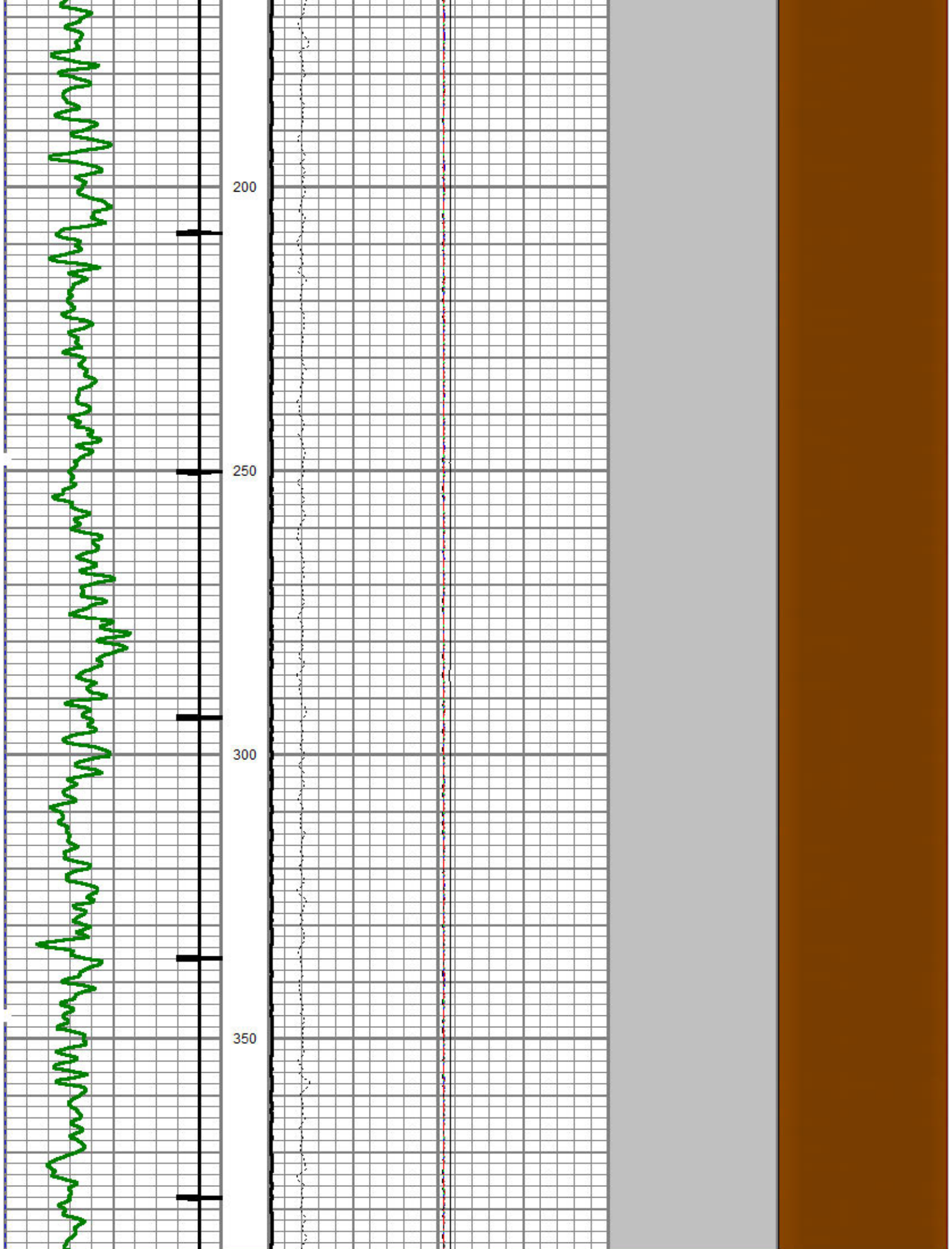
-5	AMPS1	150
-5	AMPS2	150
-5	AMPS3	150
-5	AMPS4	150
-5	AMPS5	150
-5	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150

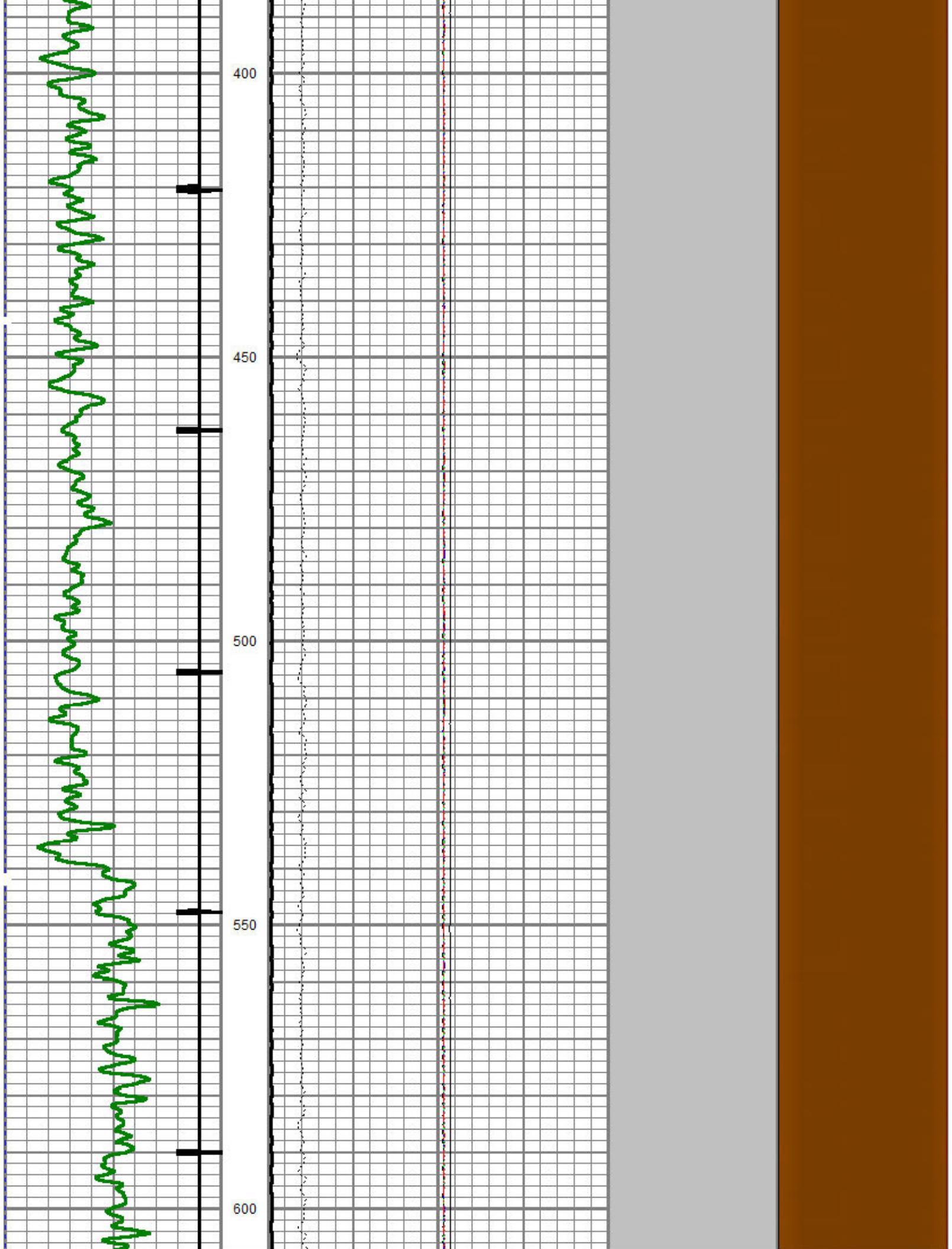
Variable Density

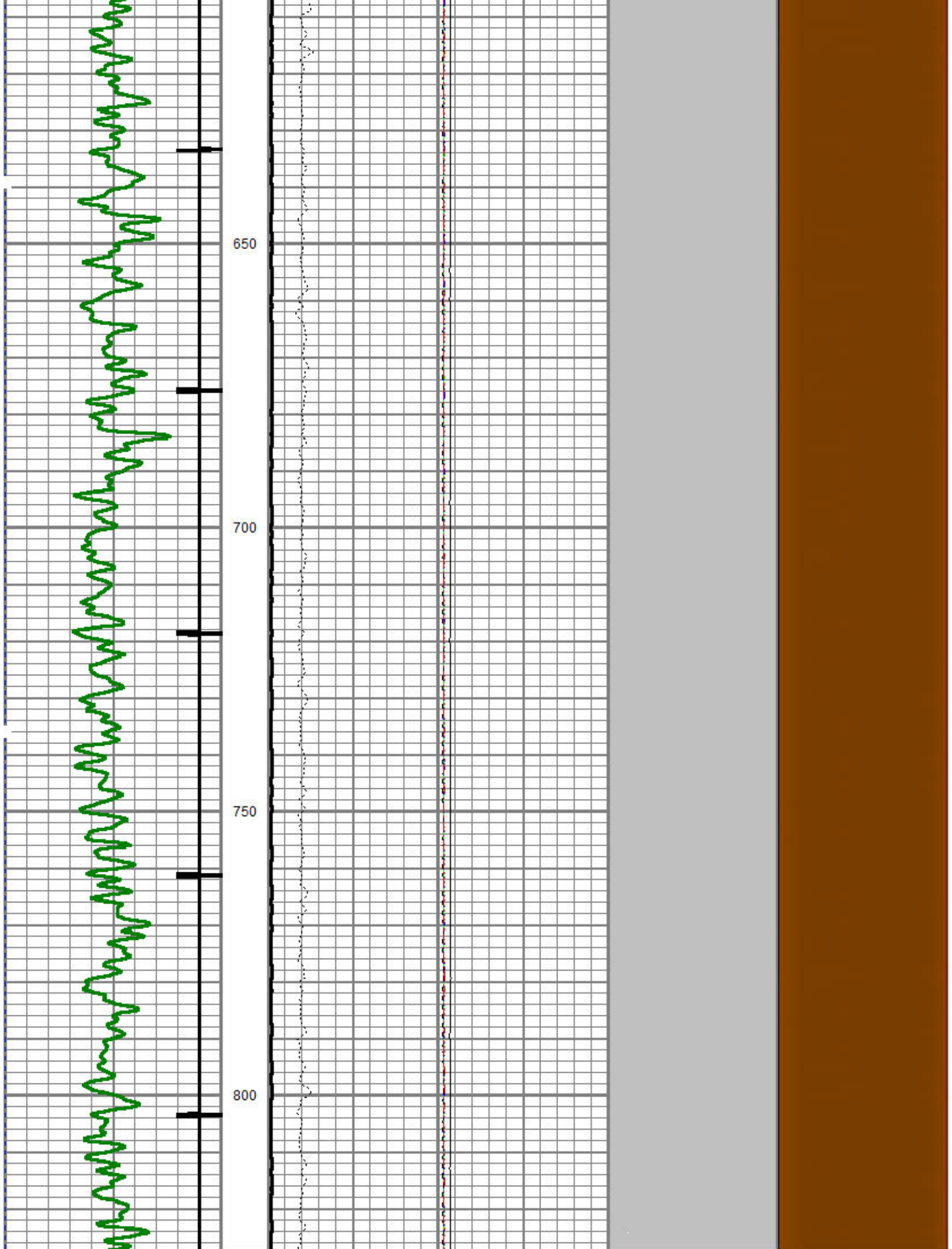
200 1200

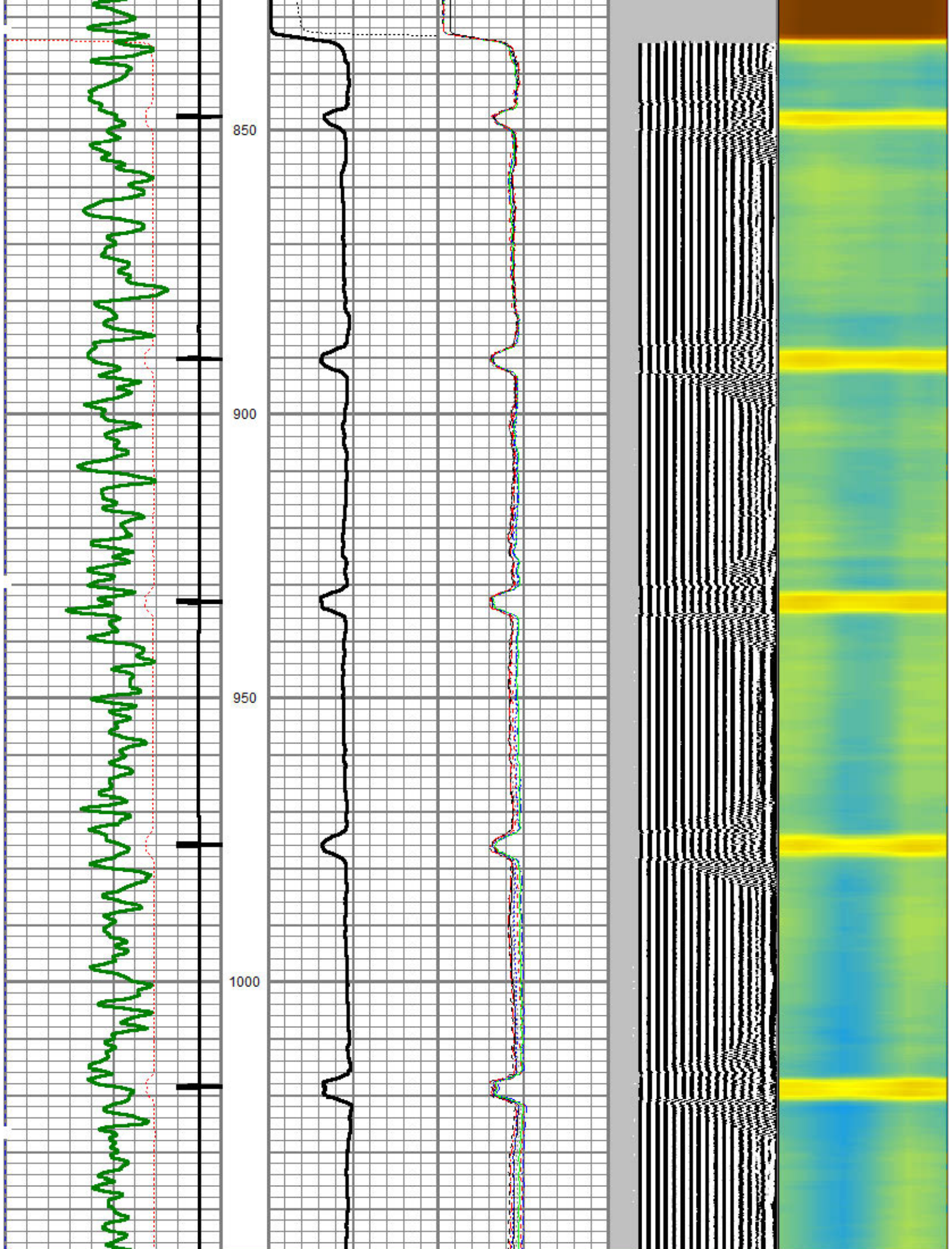
1 Cement Map 8
 0 100

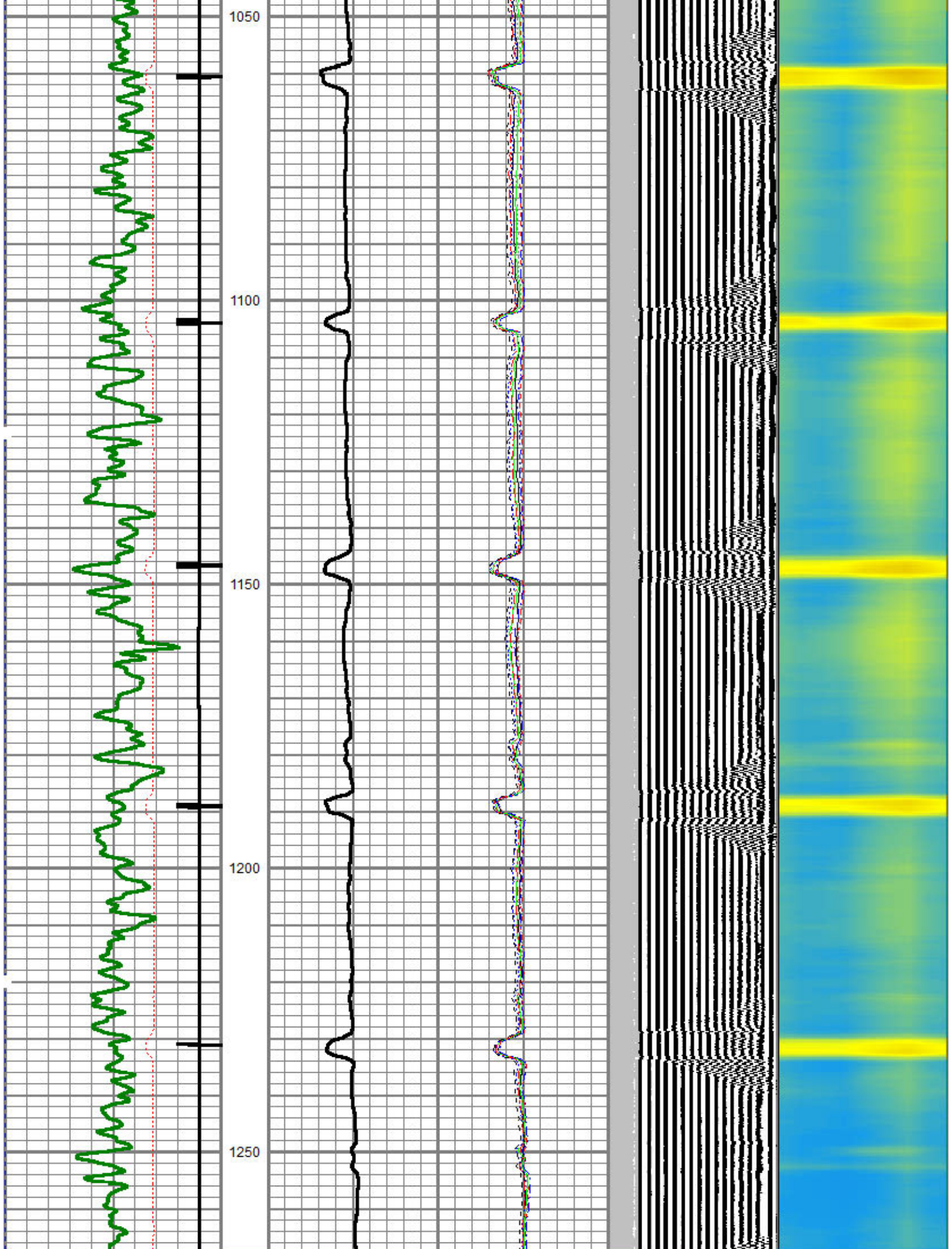


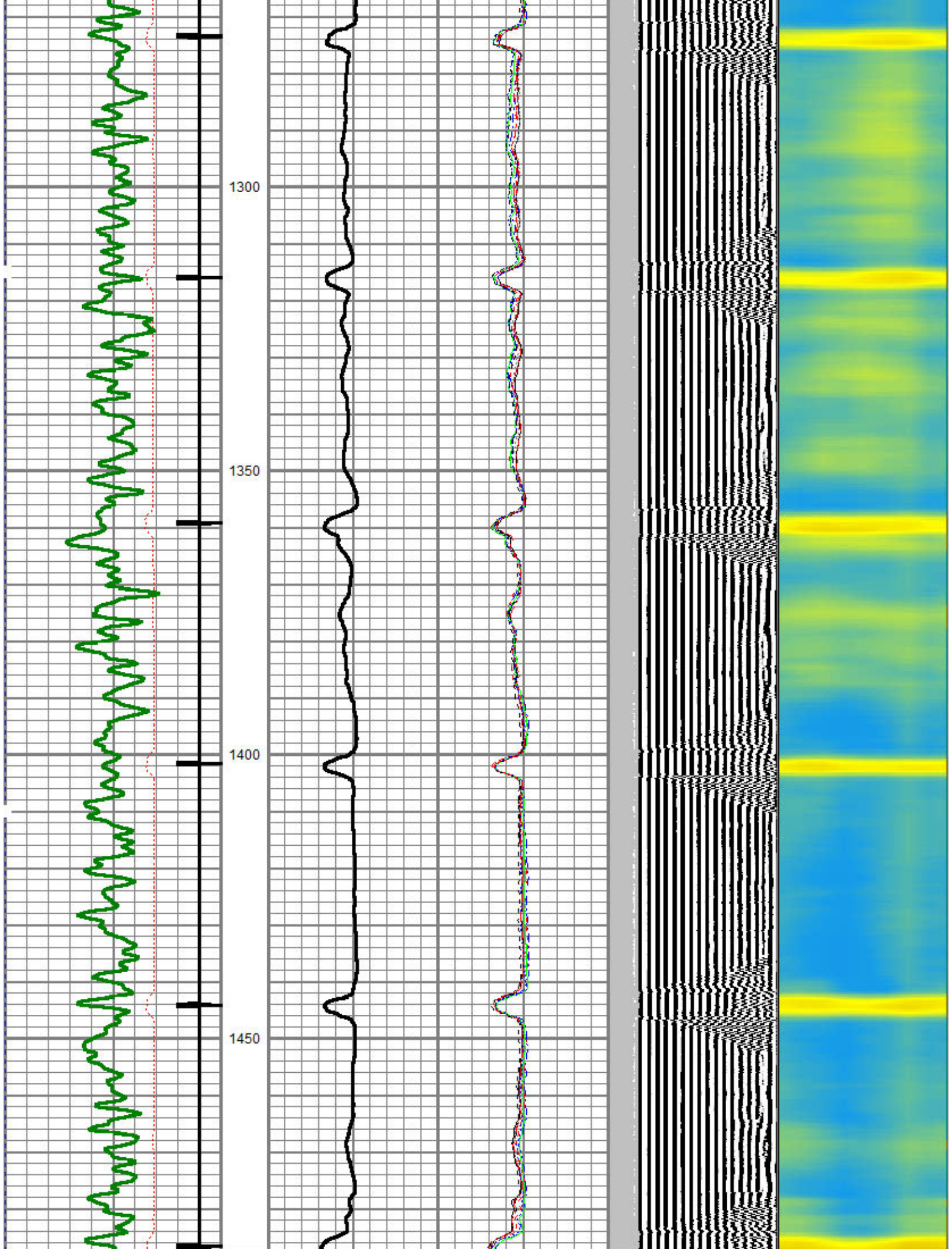


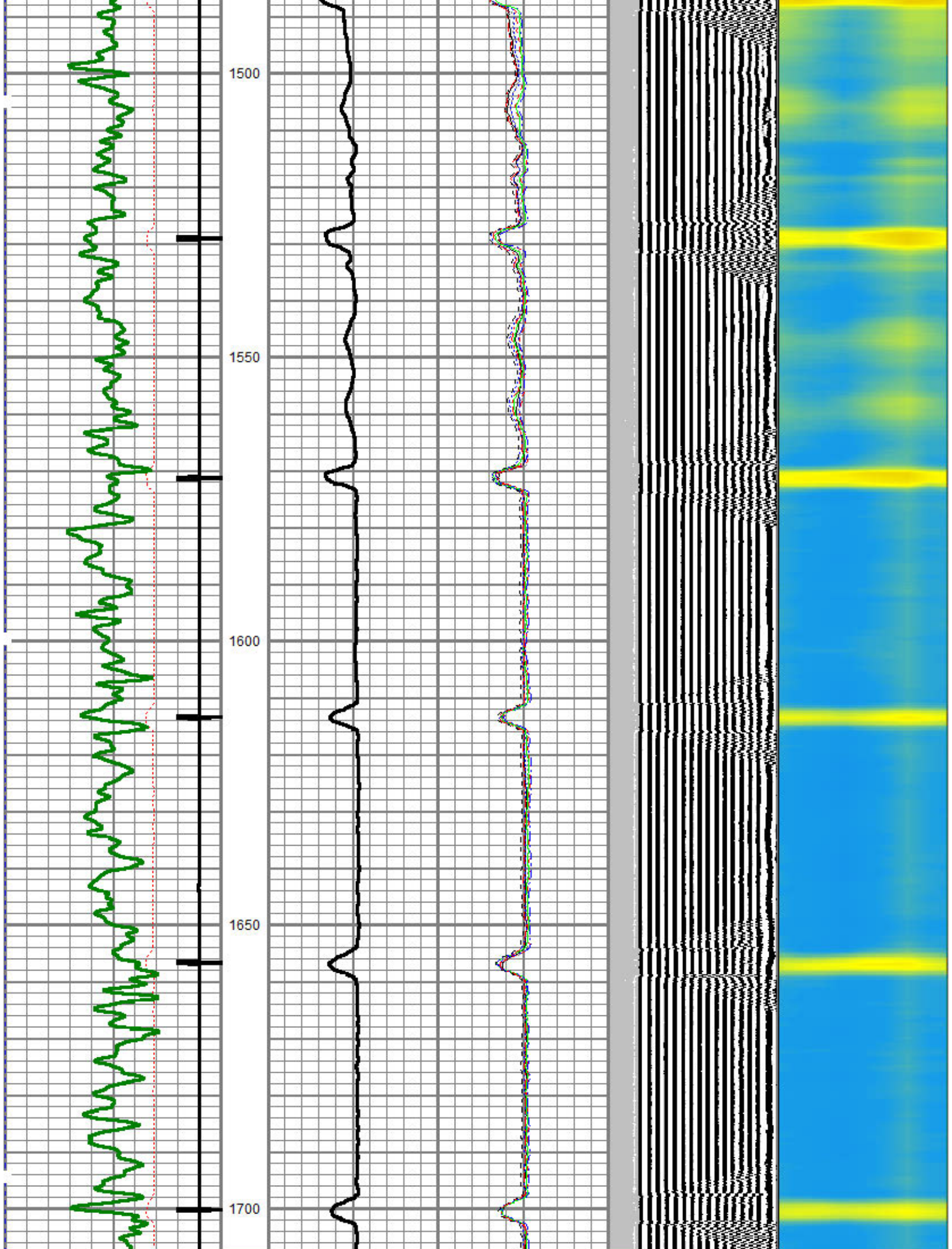


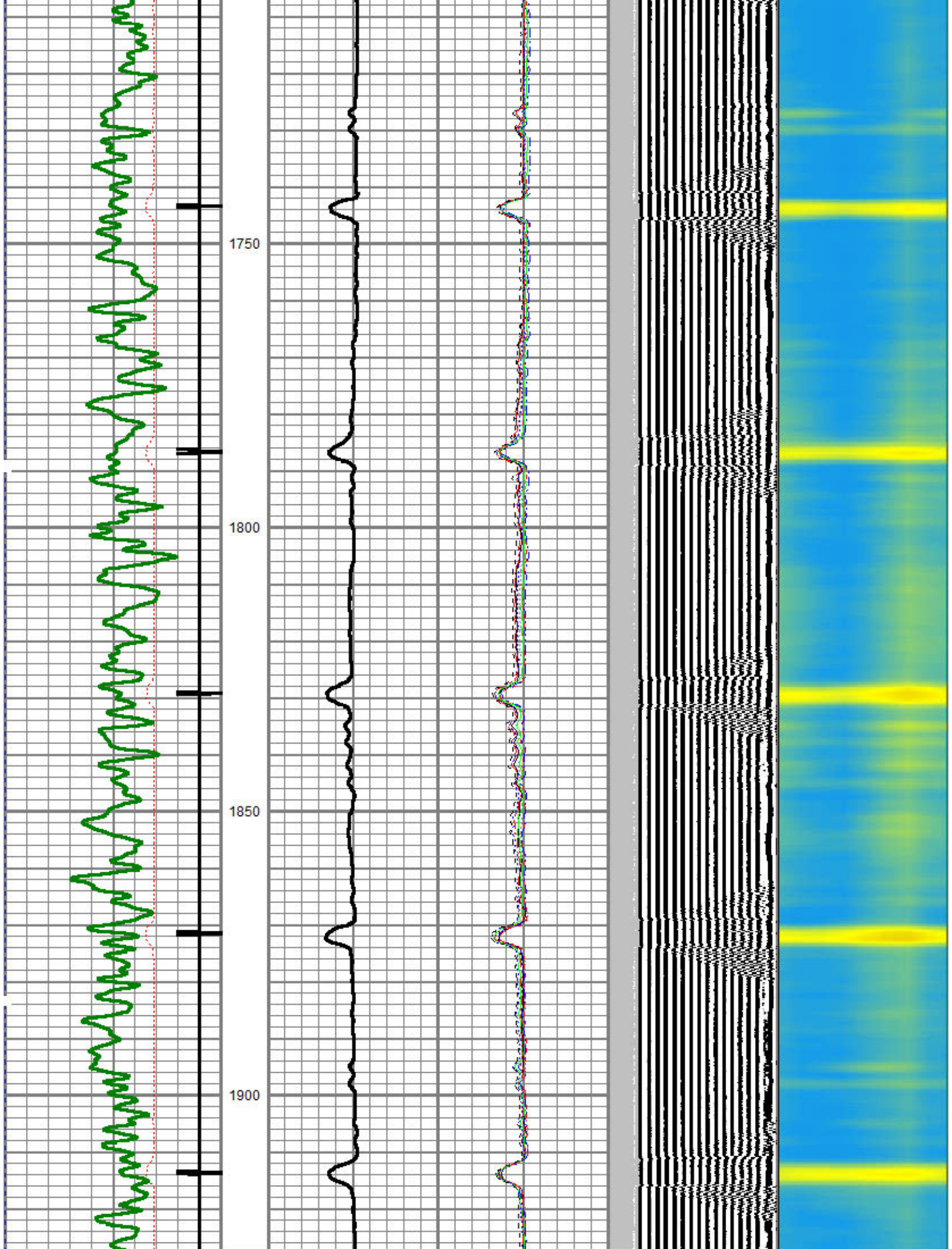


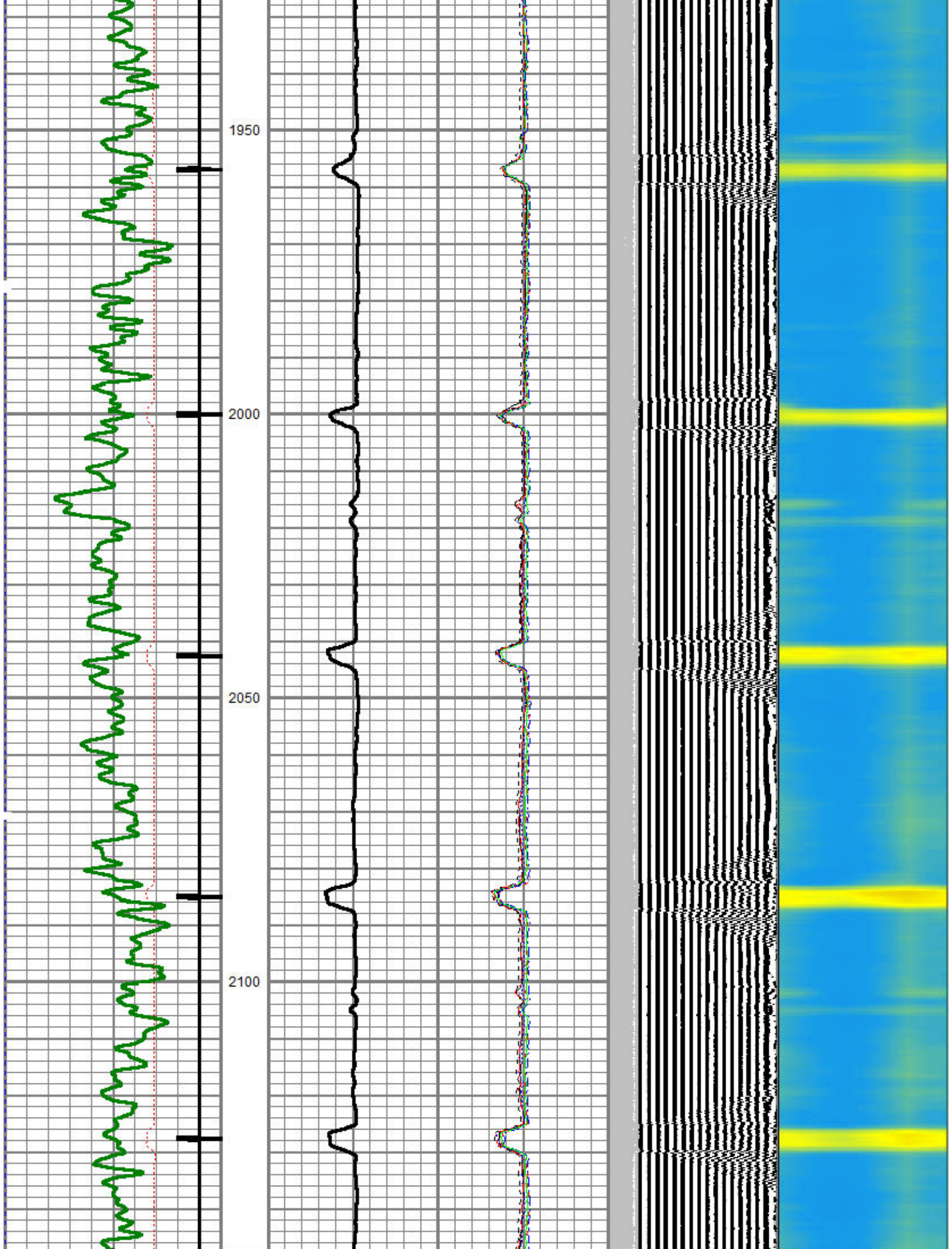


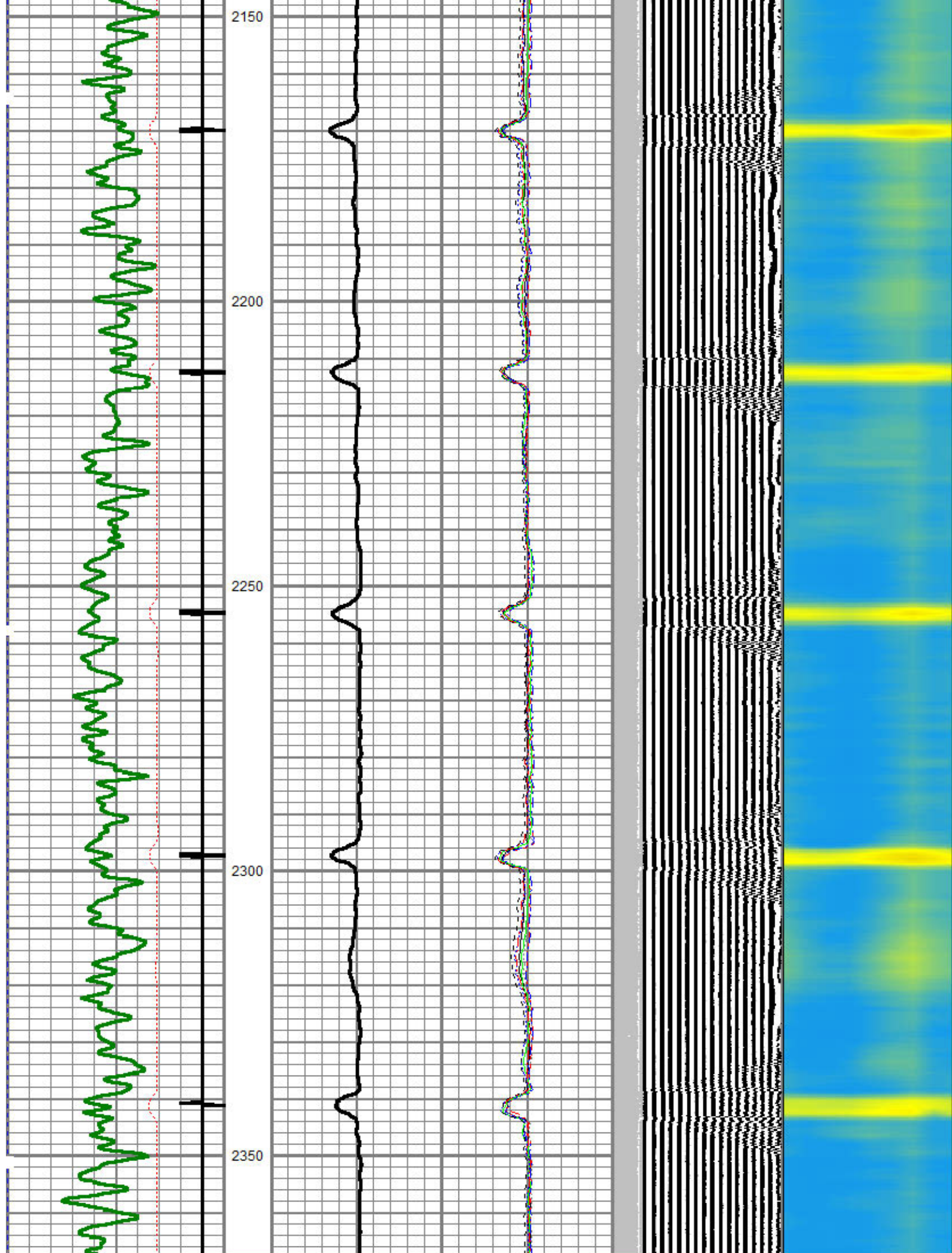


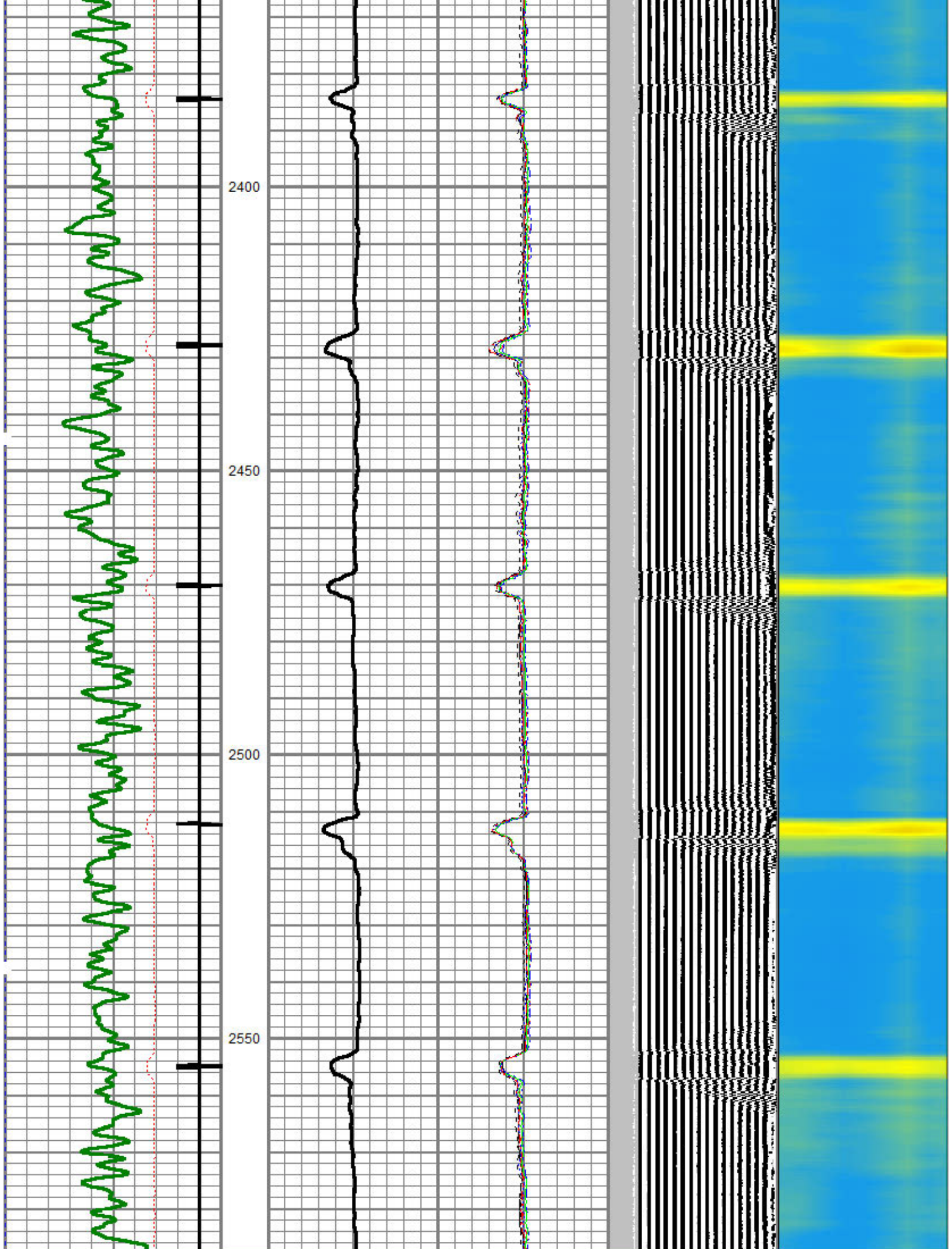


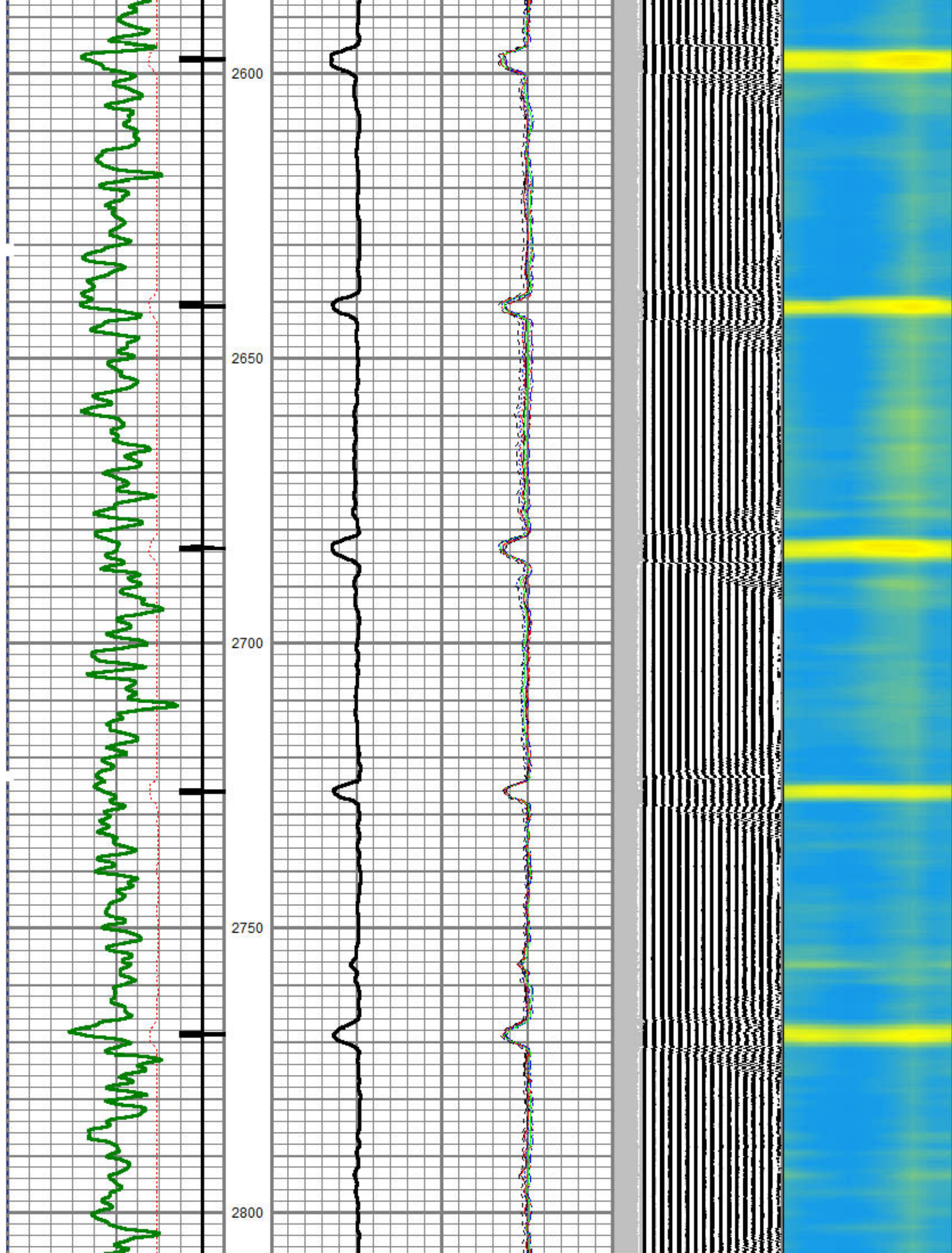


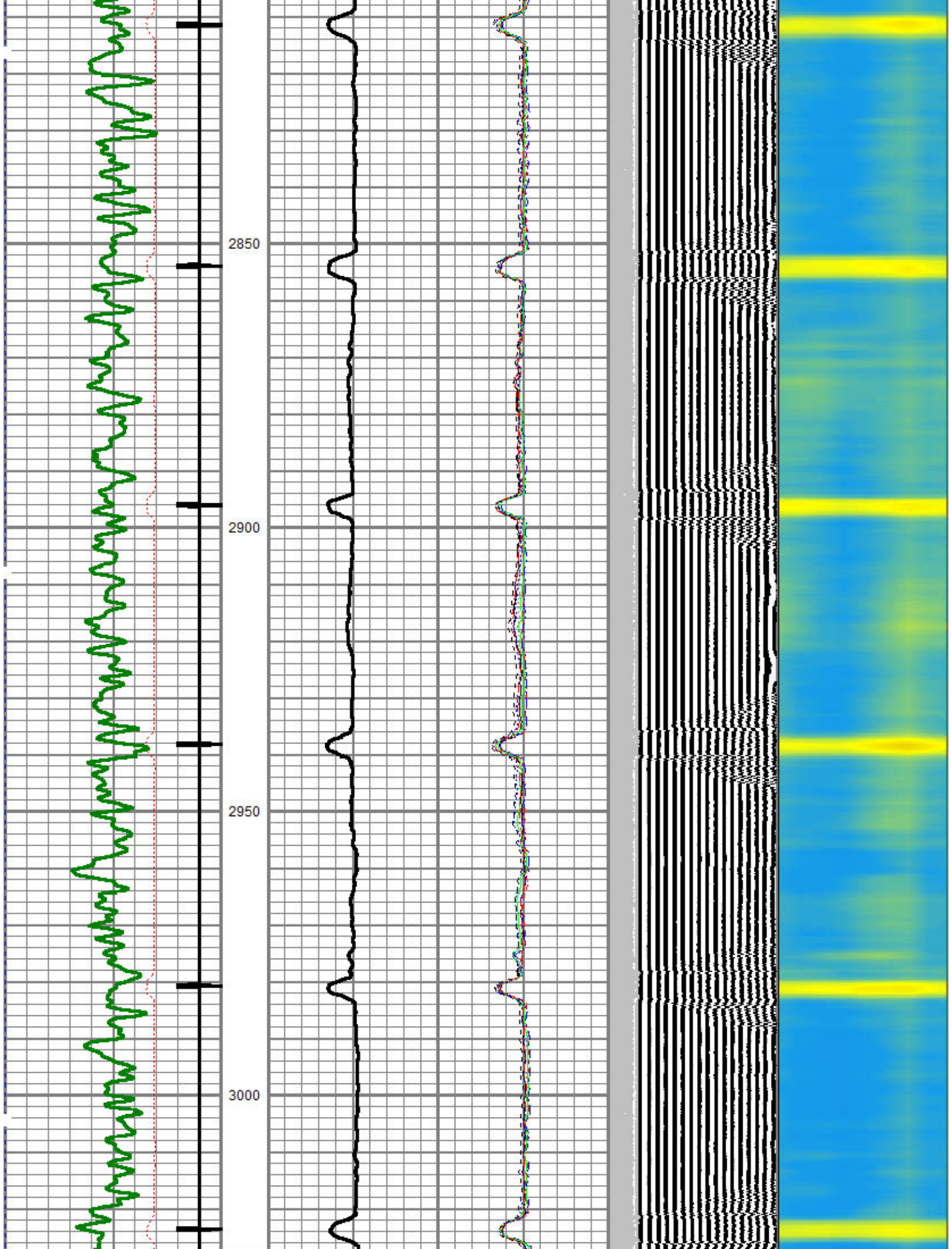


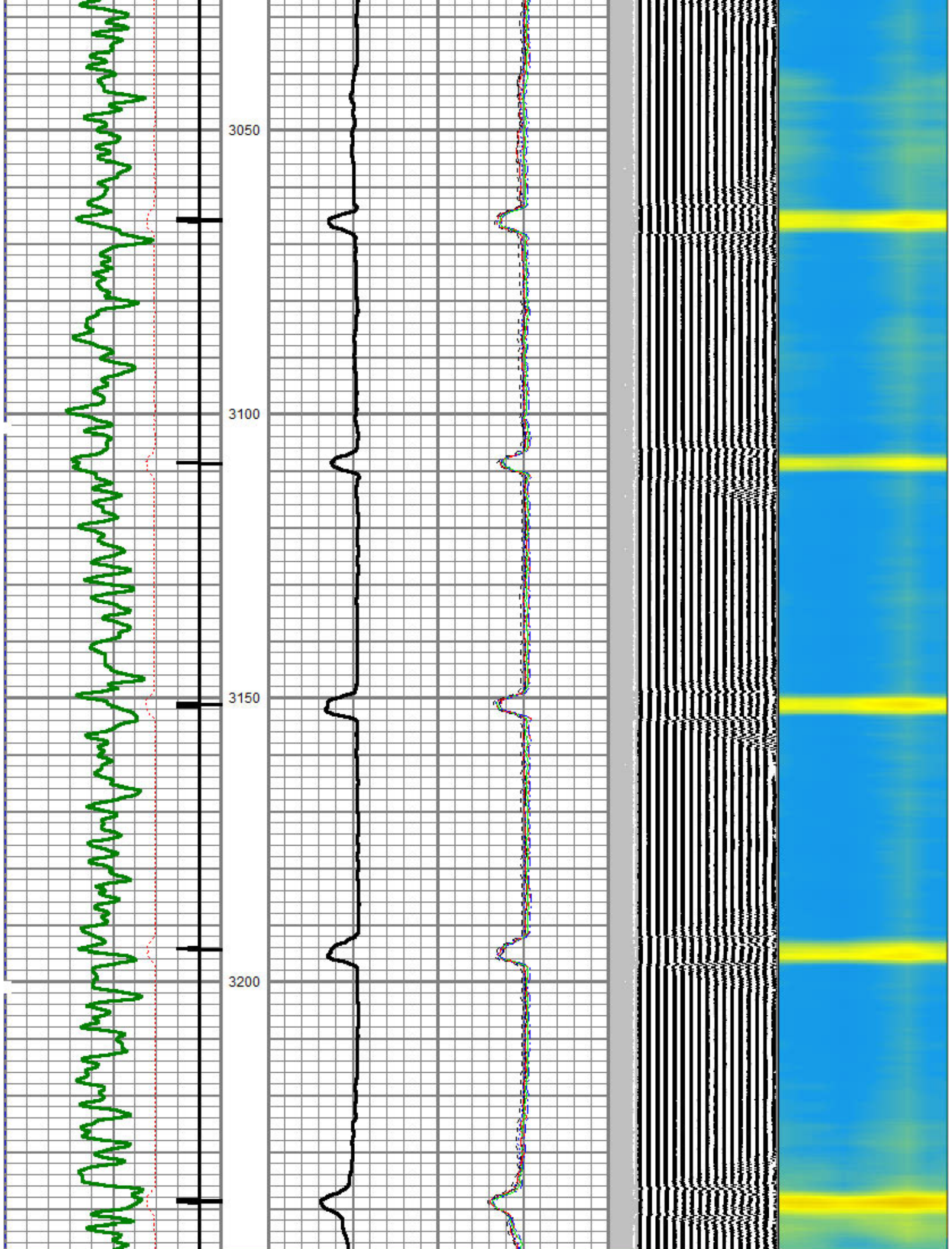


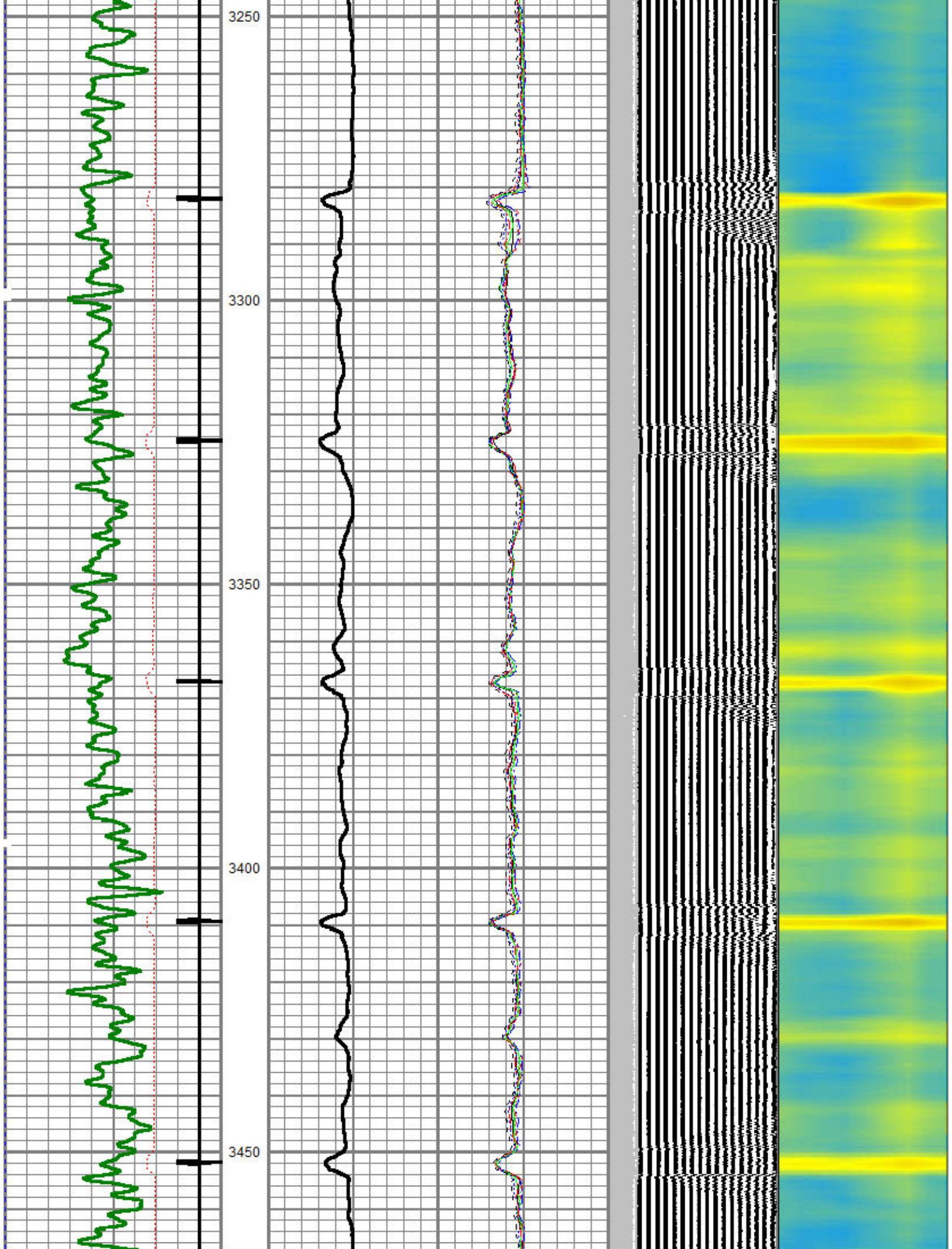


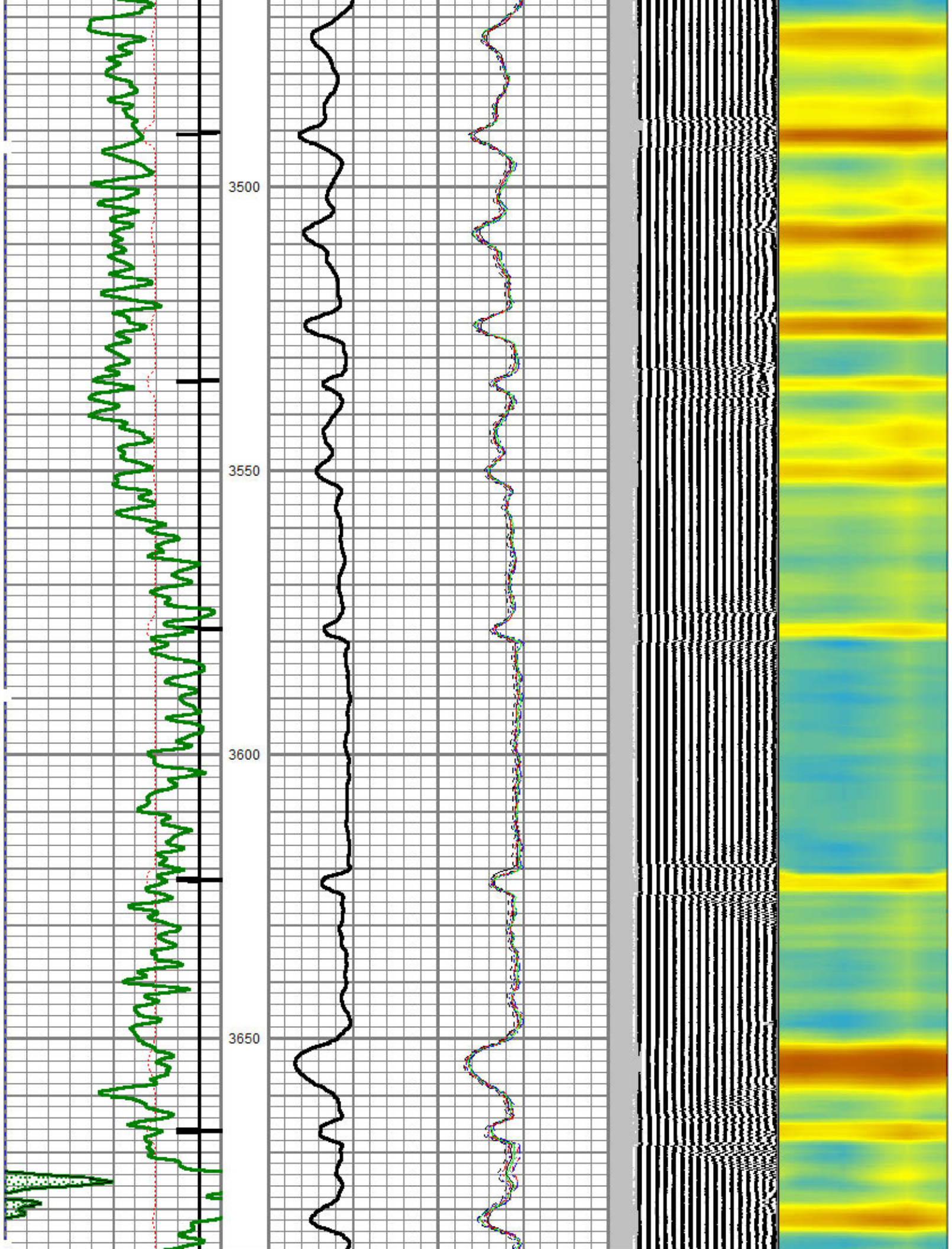


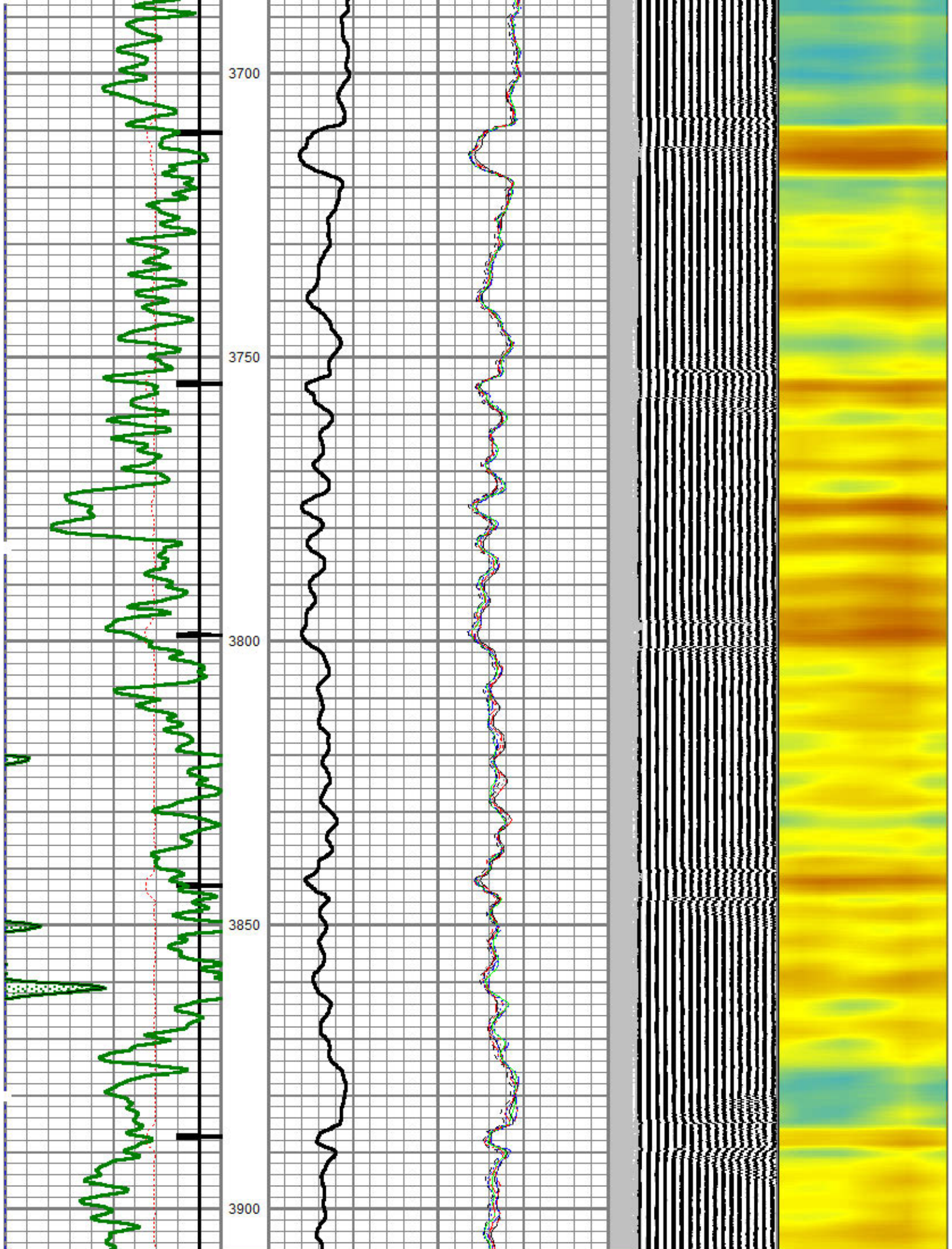


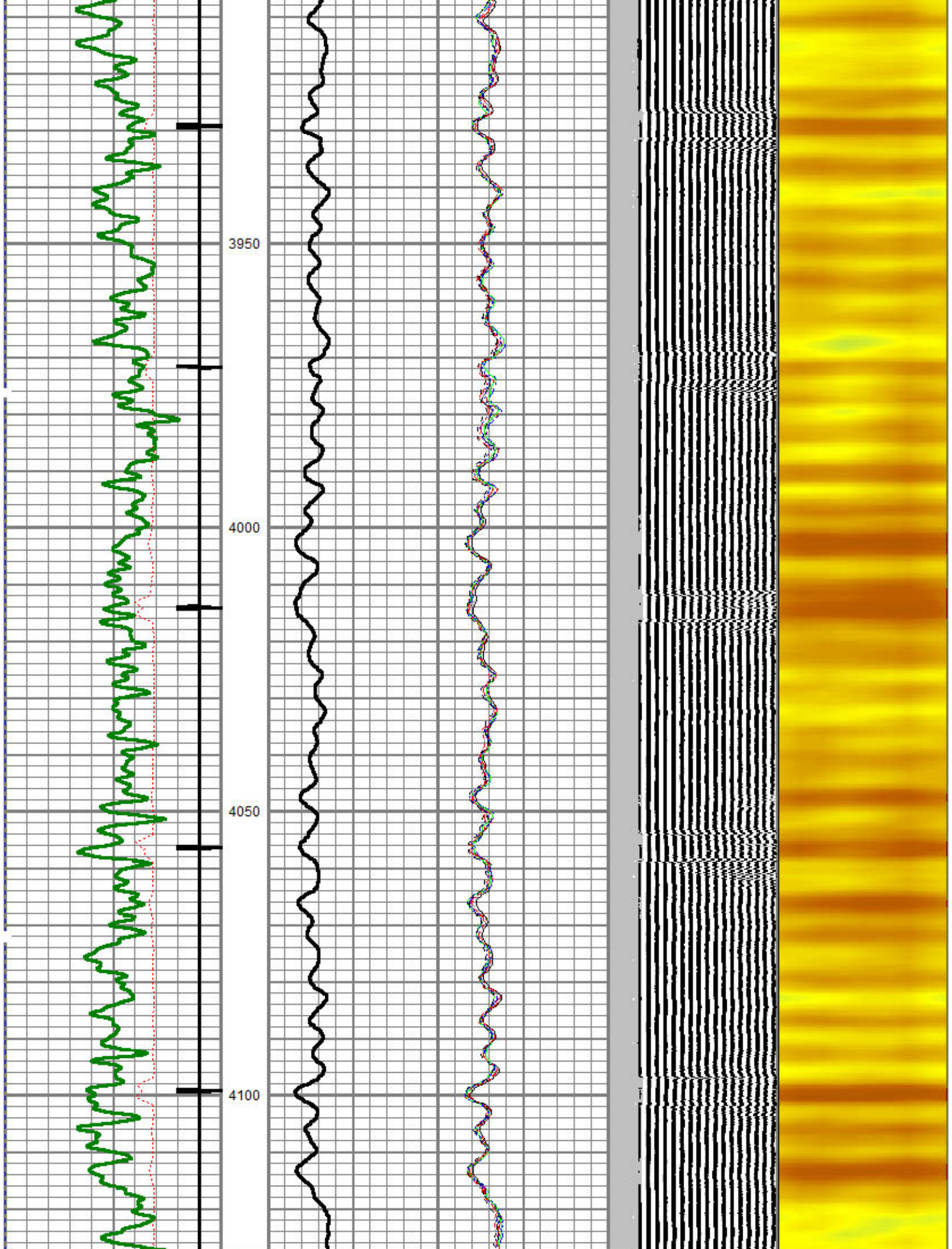


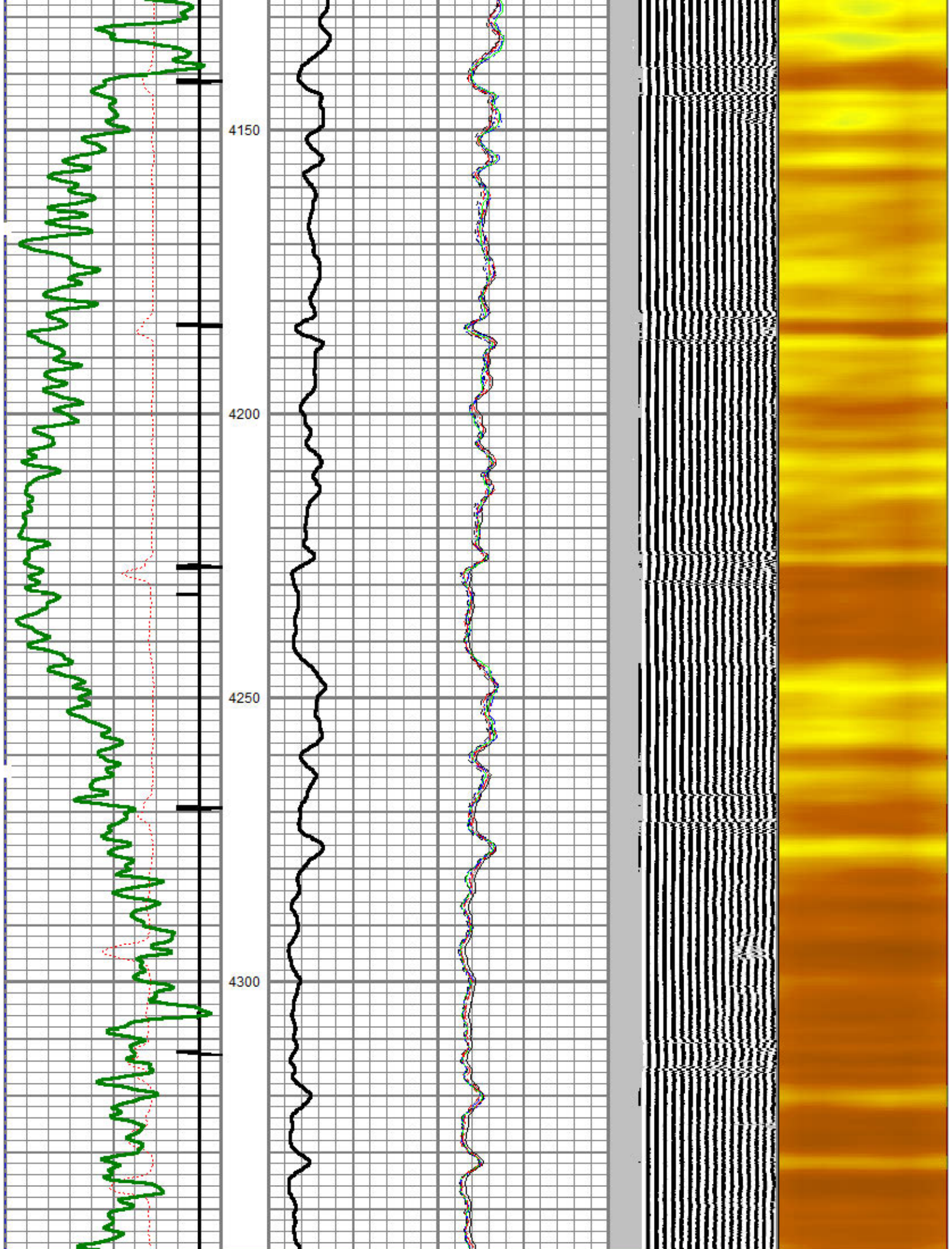


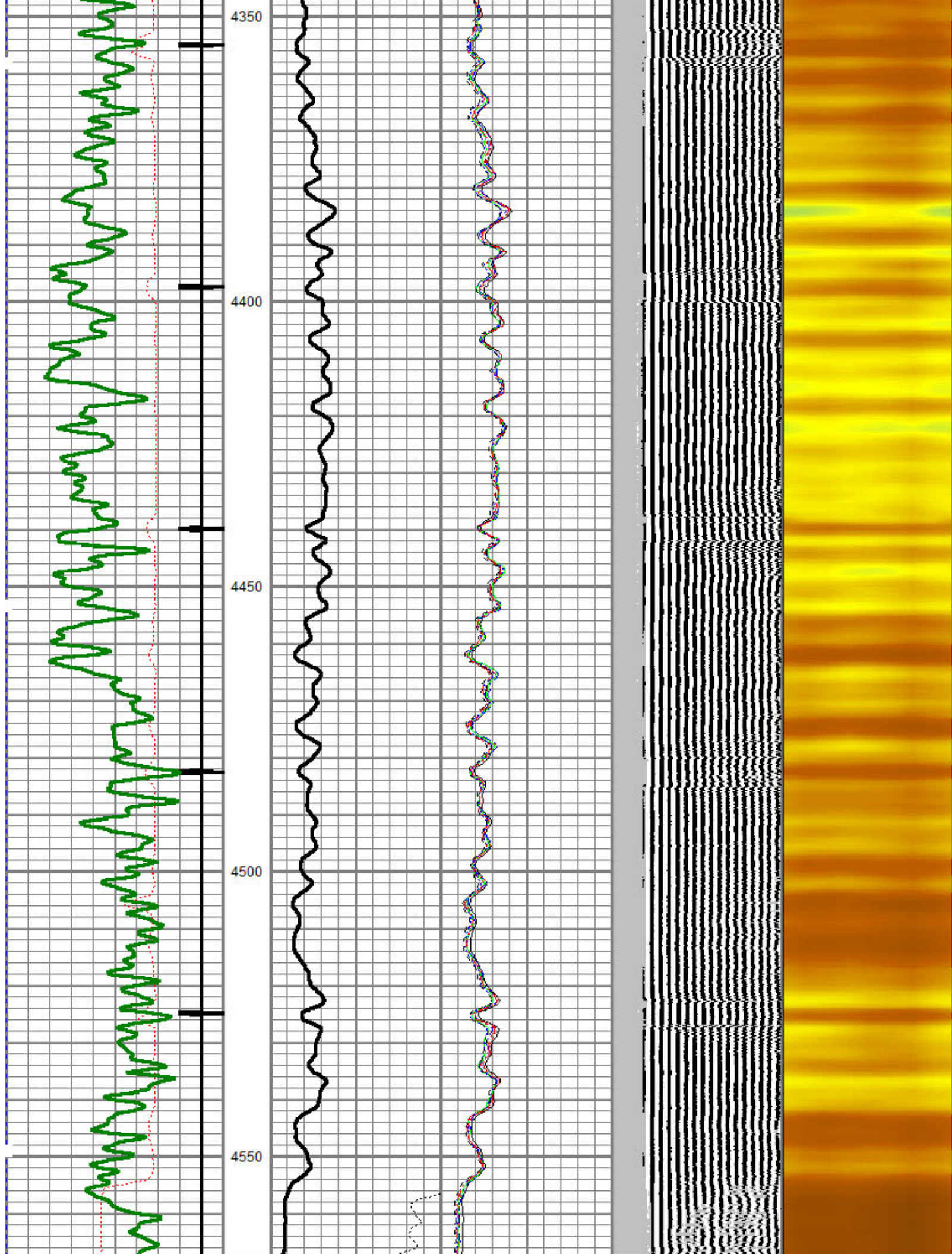


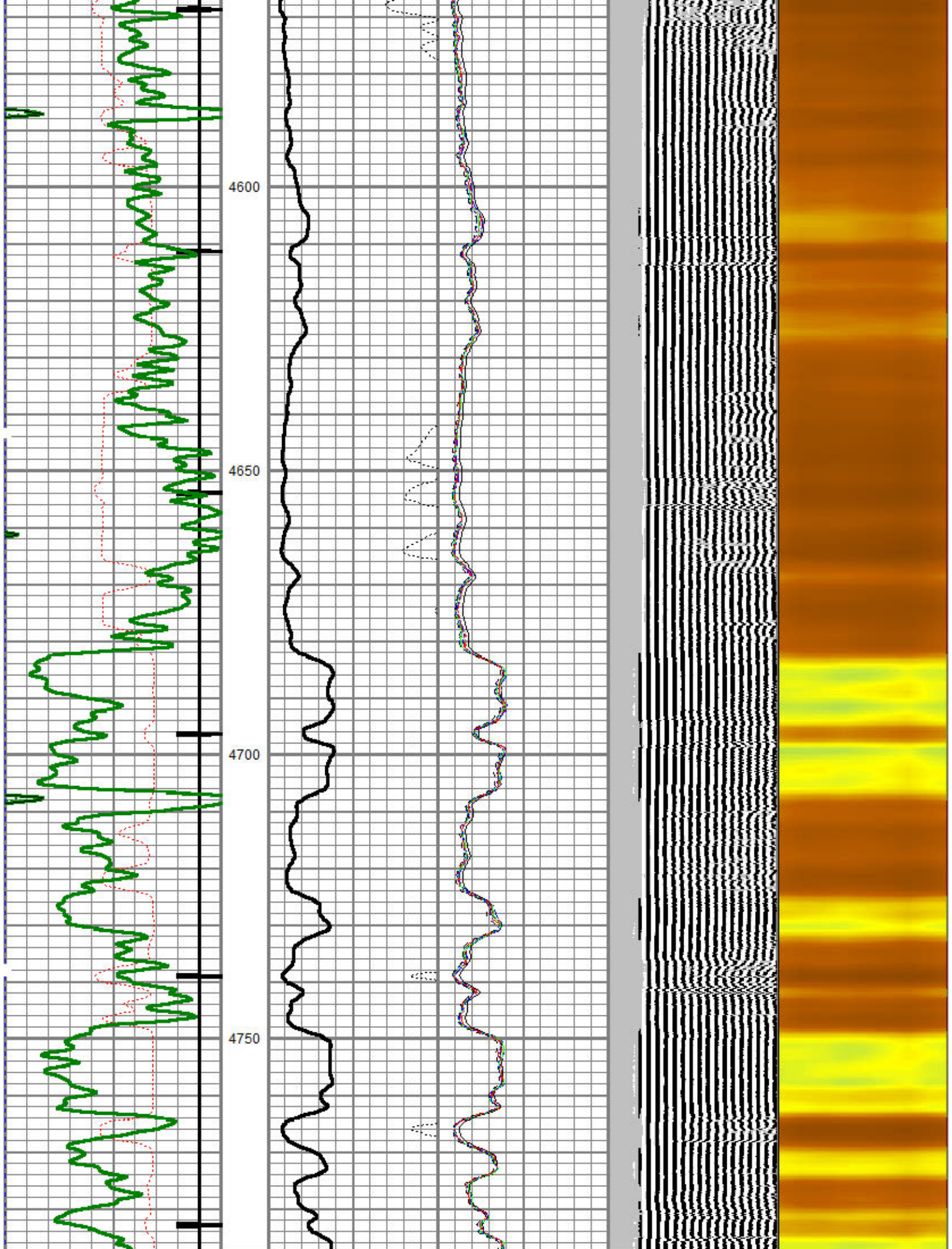


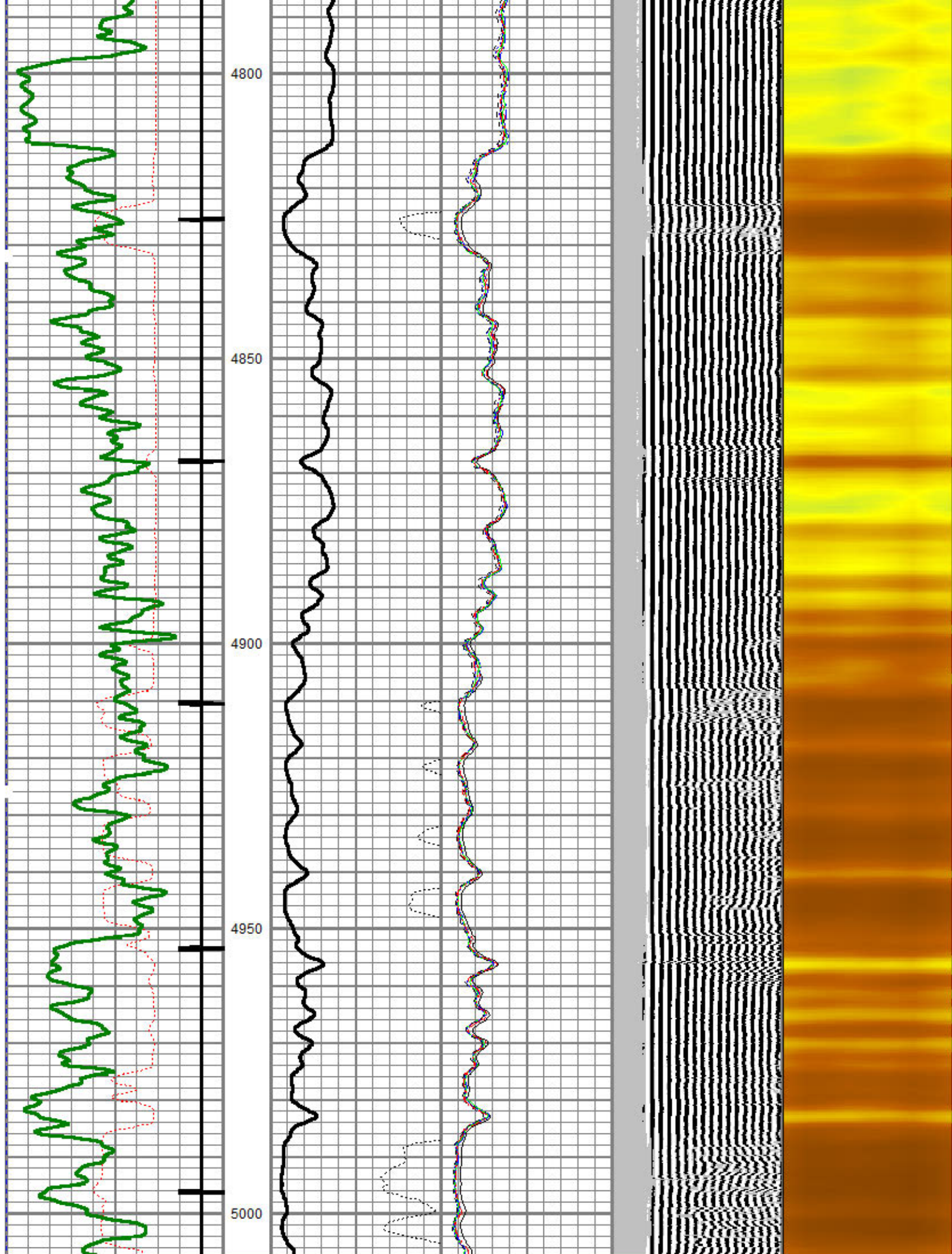


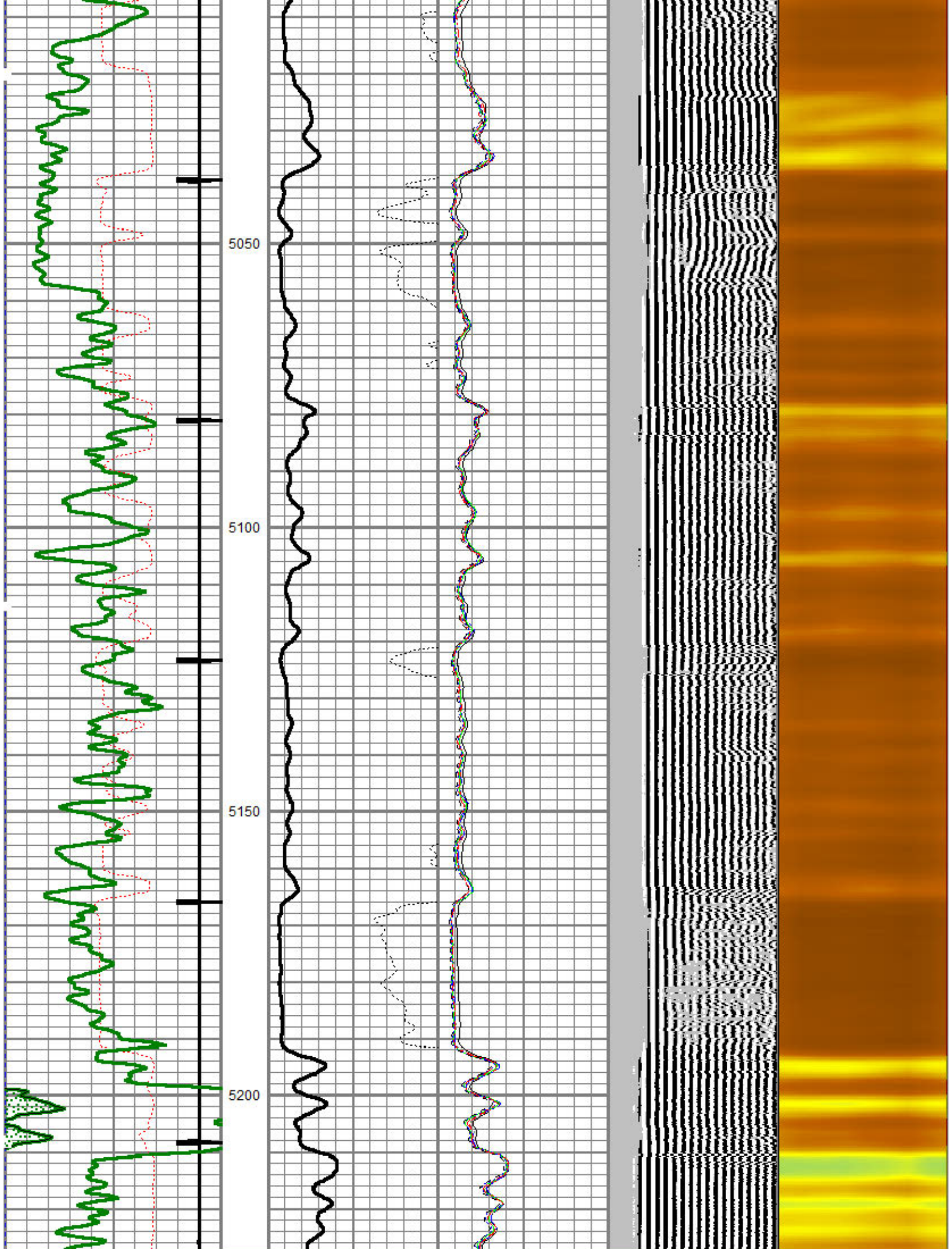


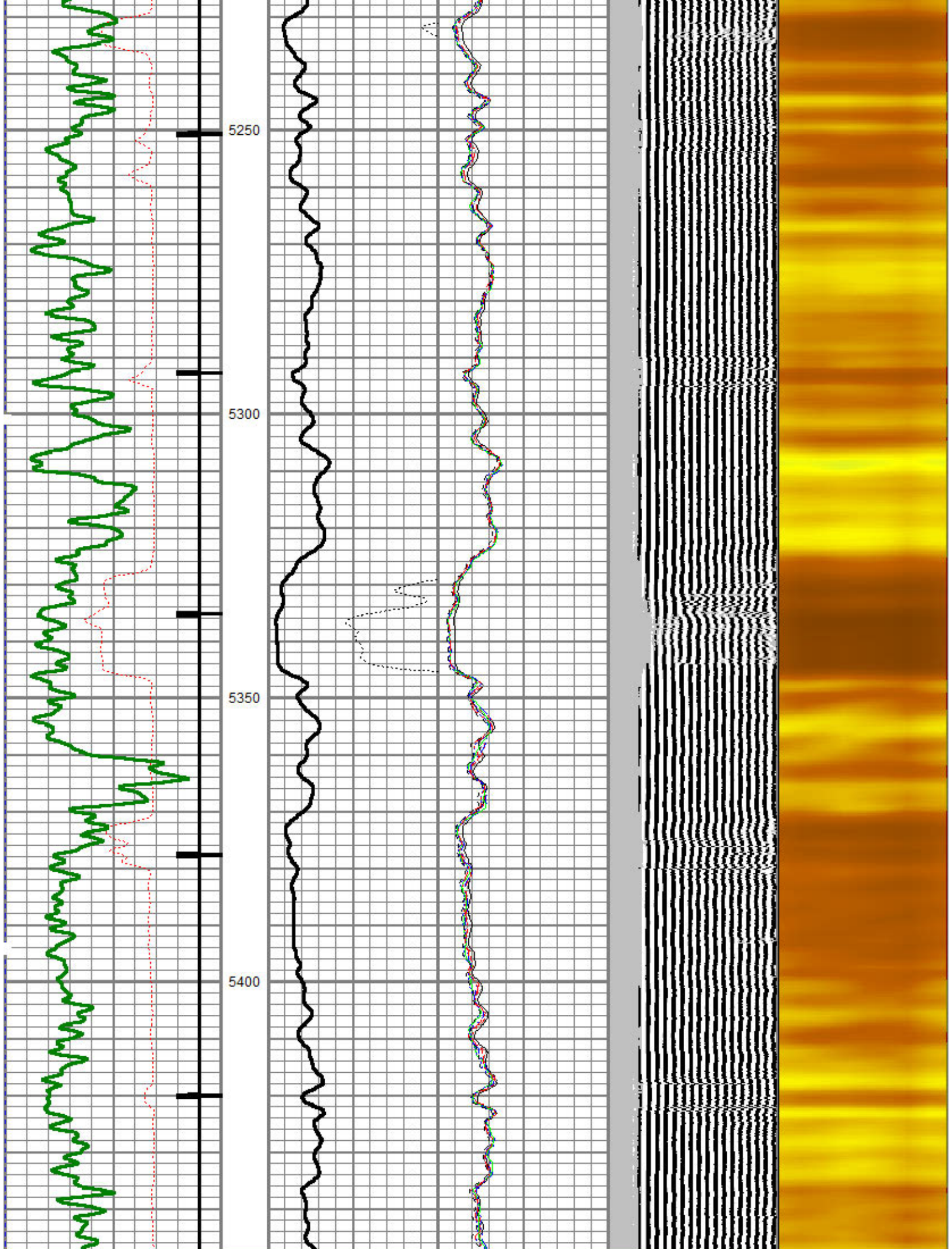


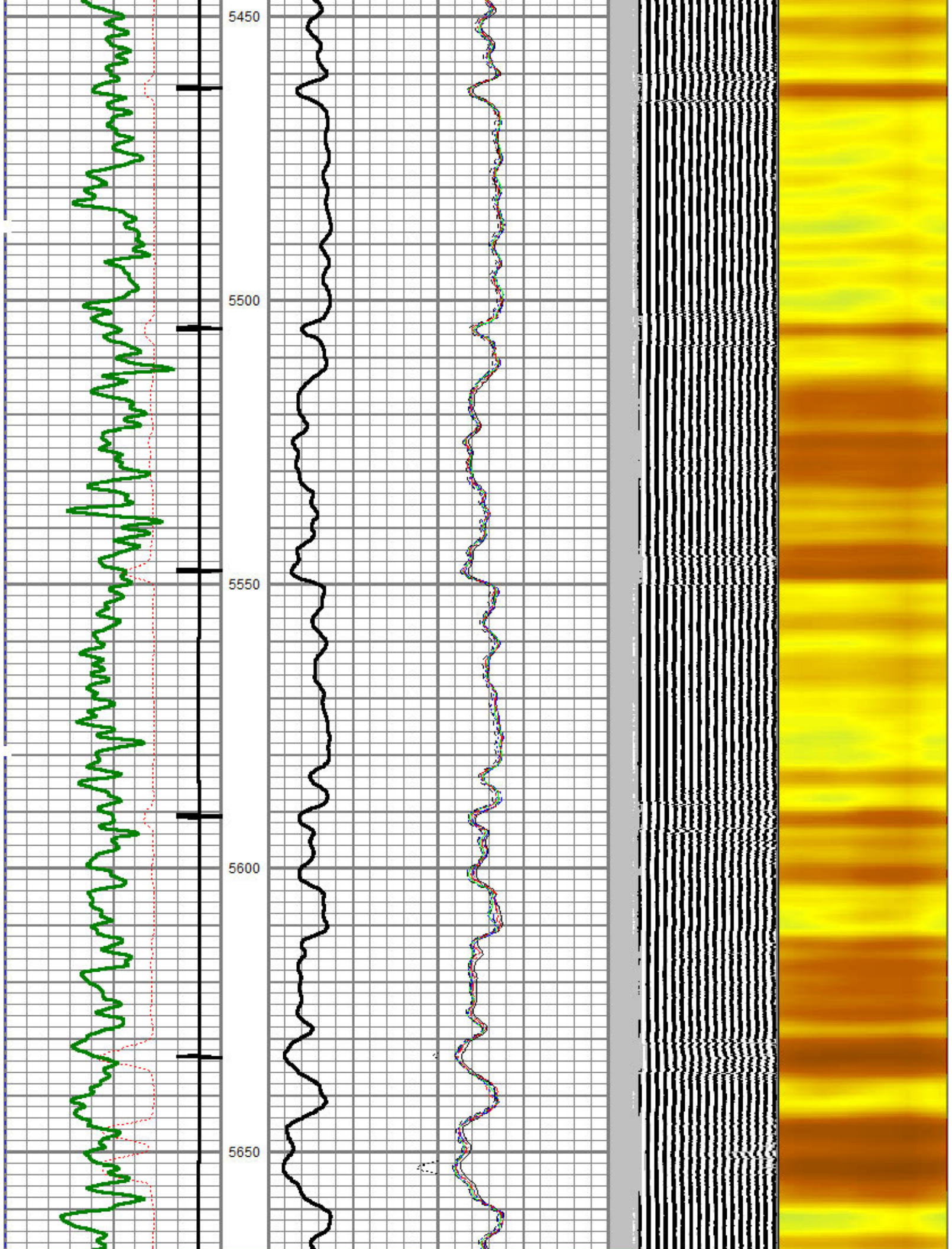


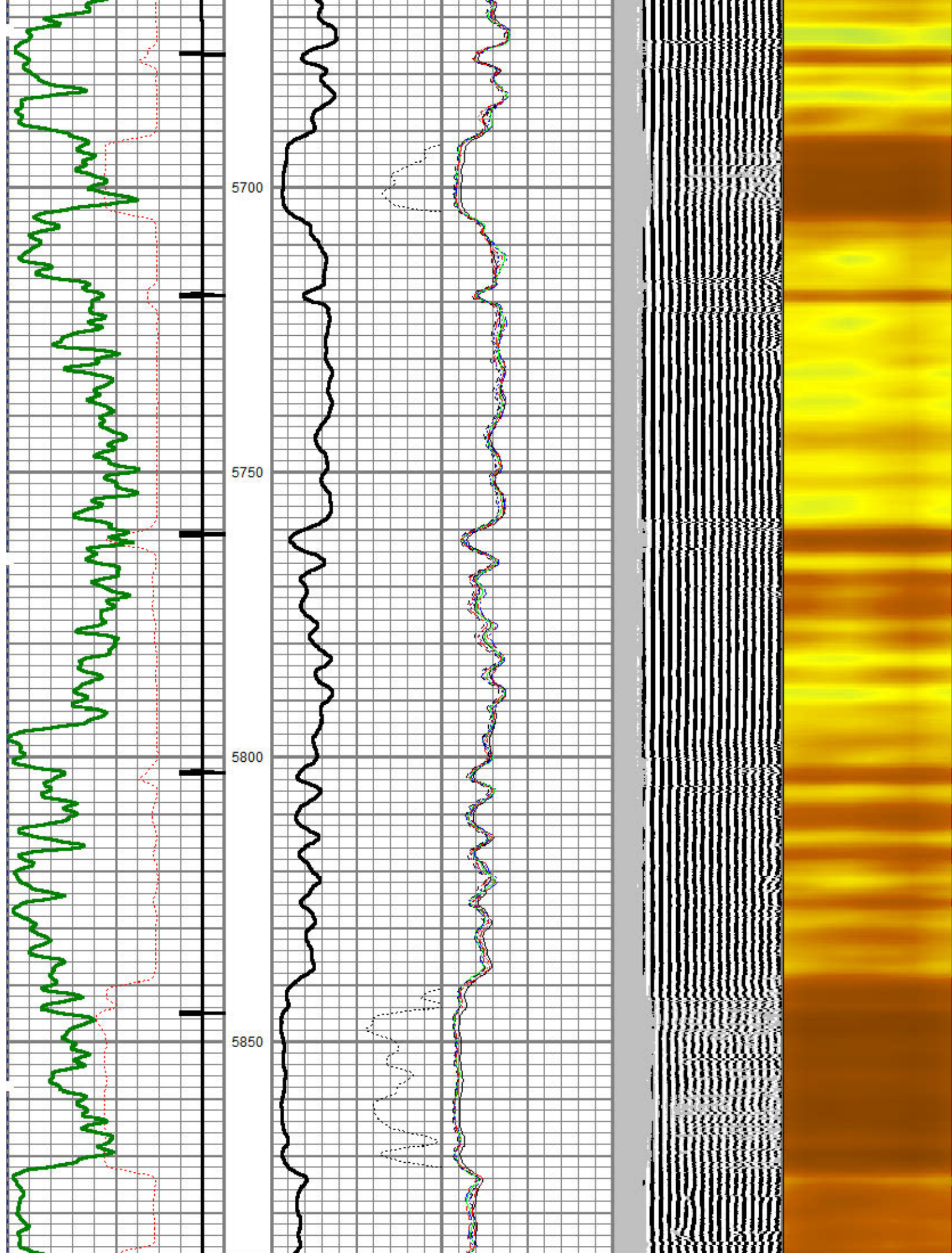


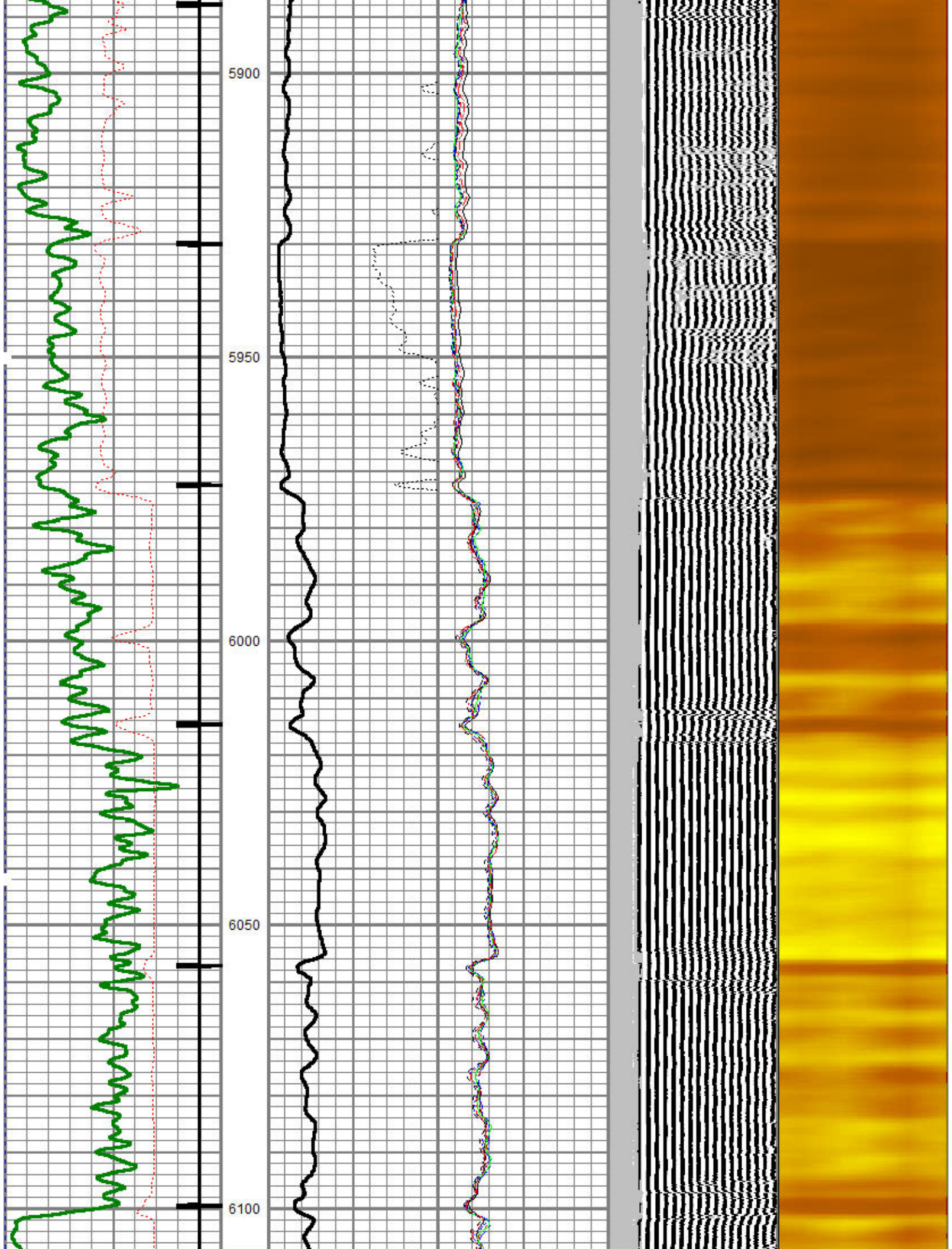


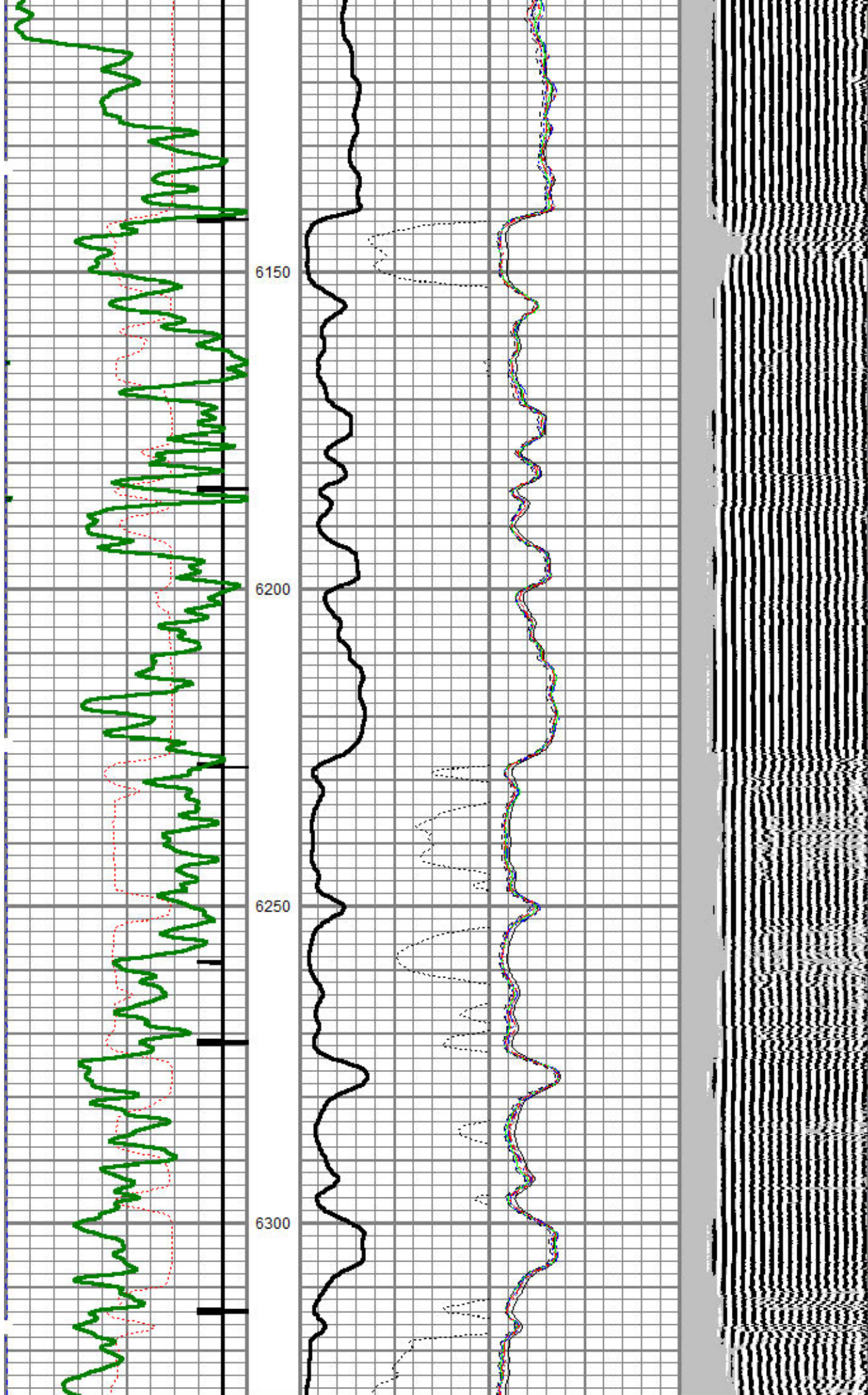


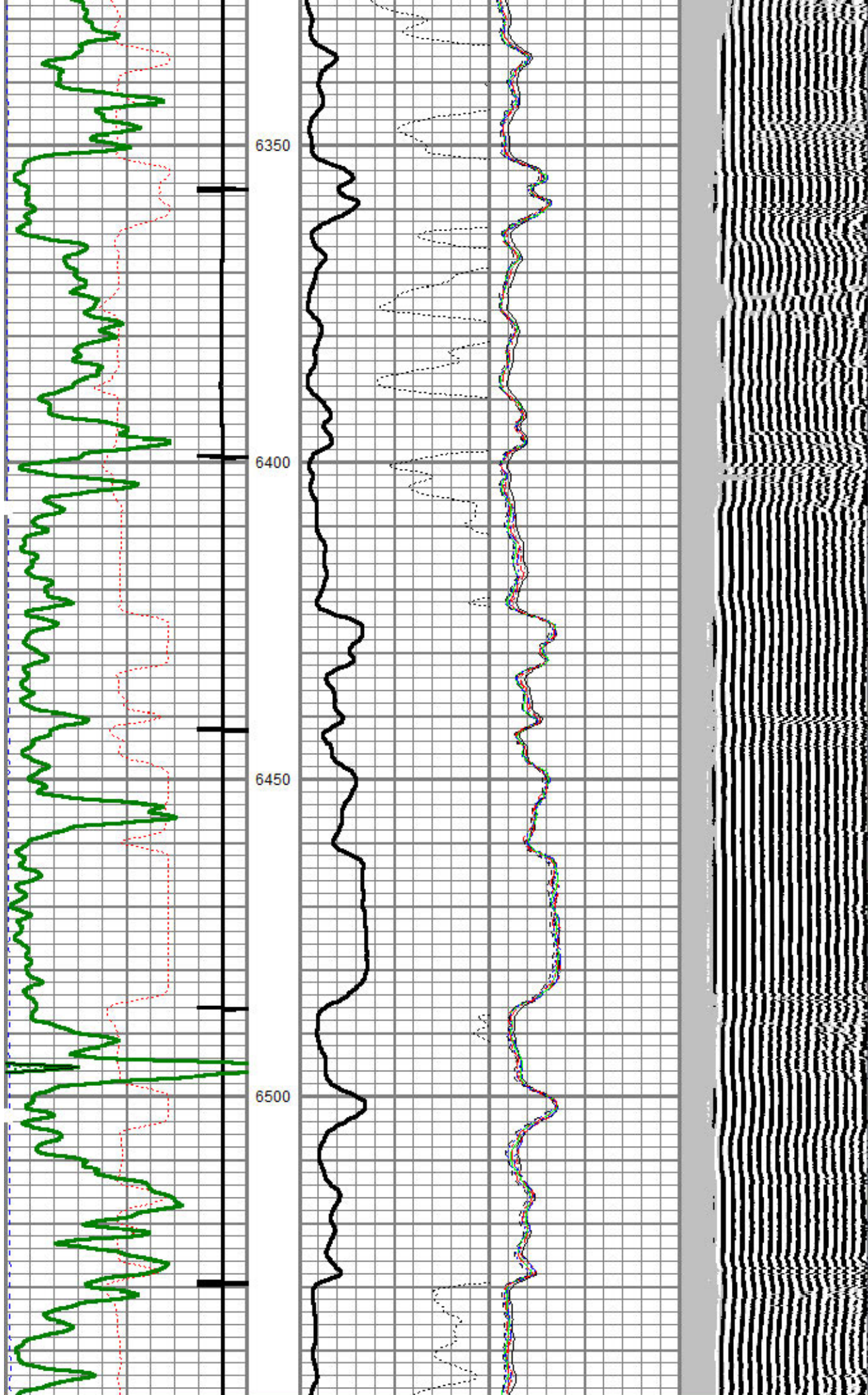


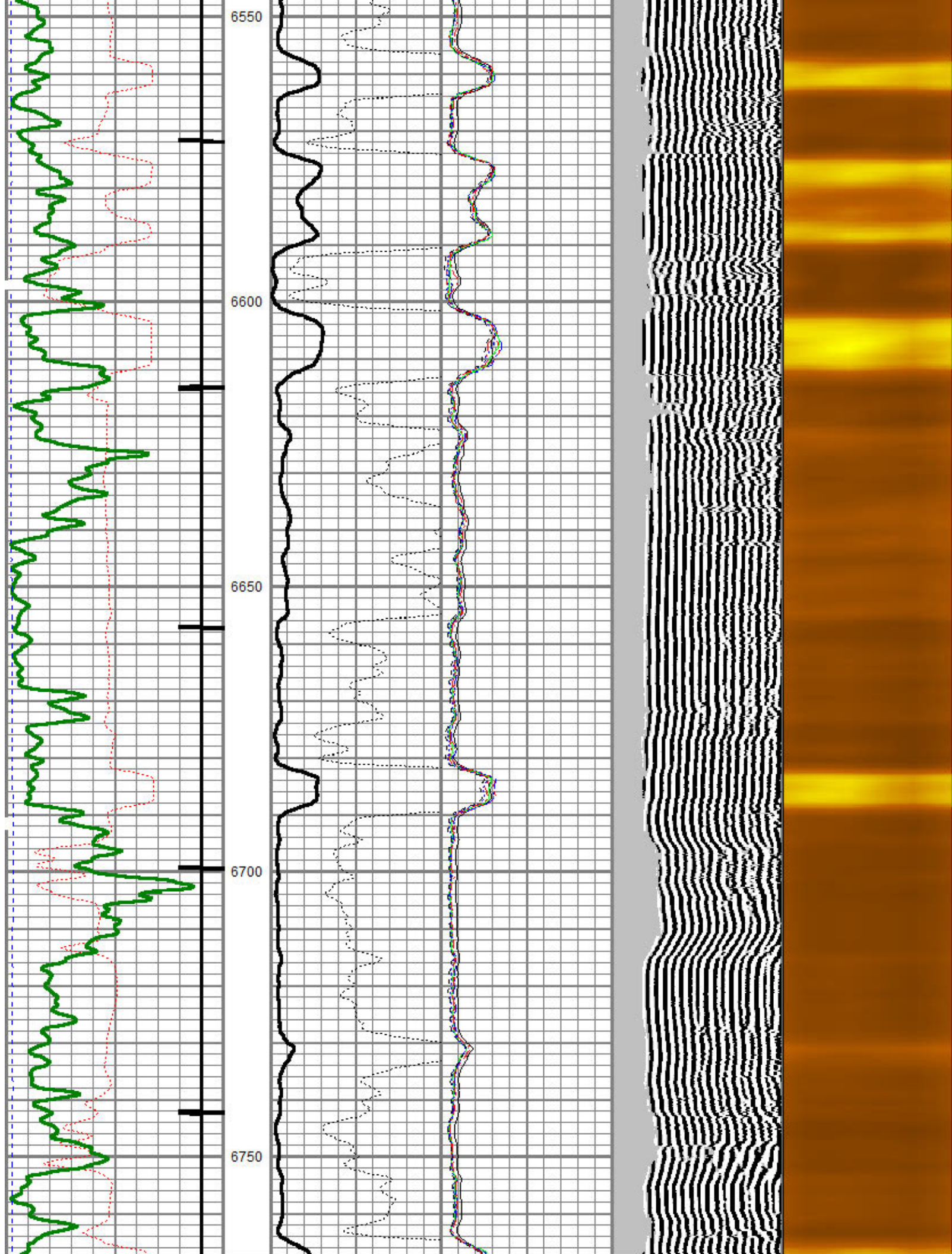


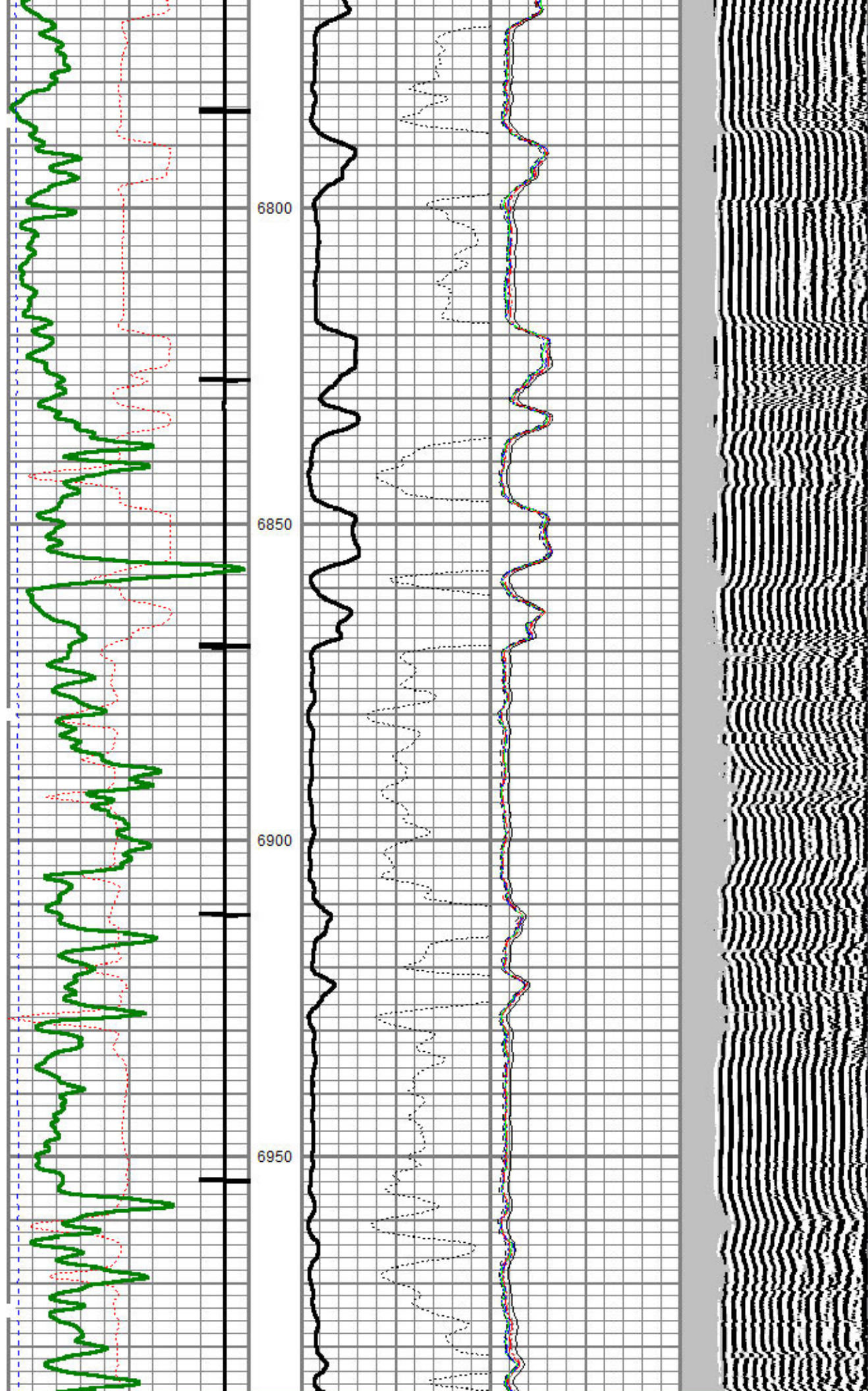


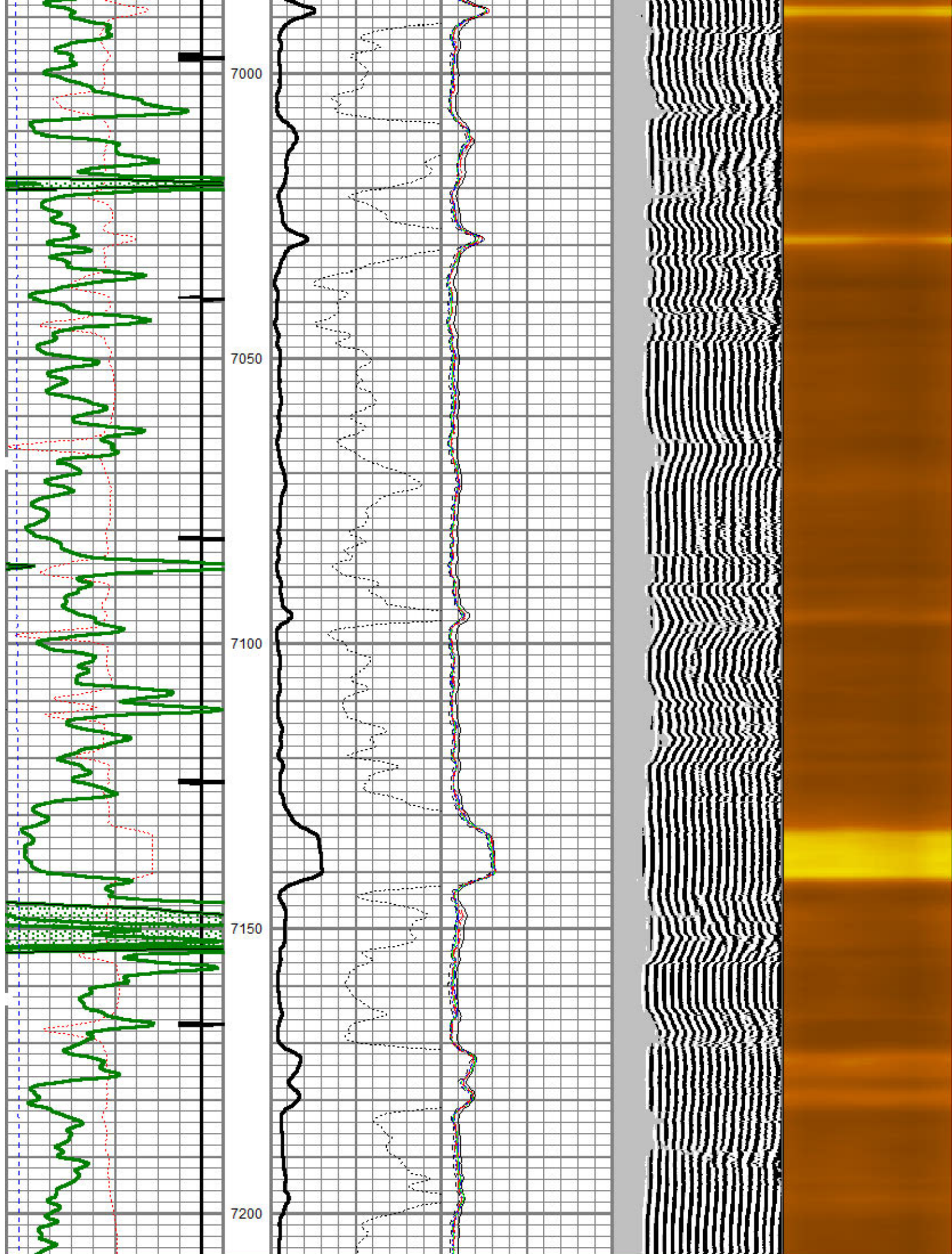


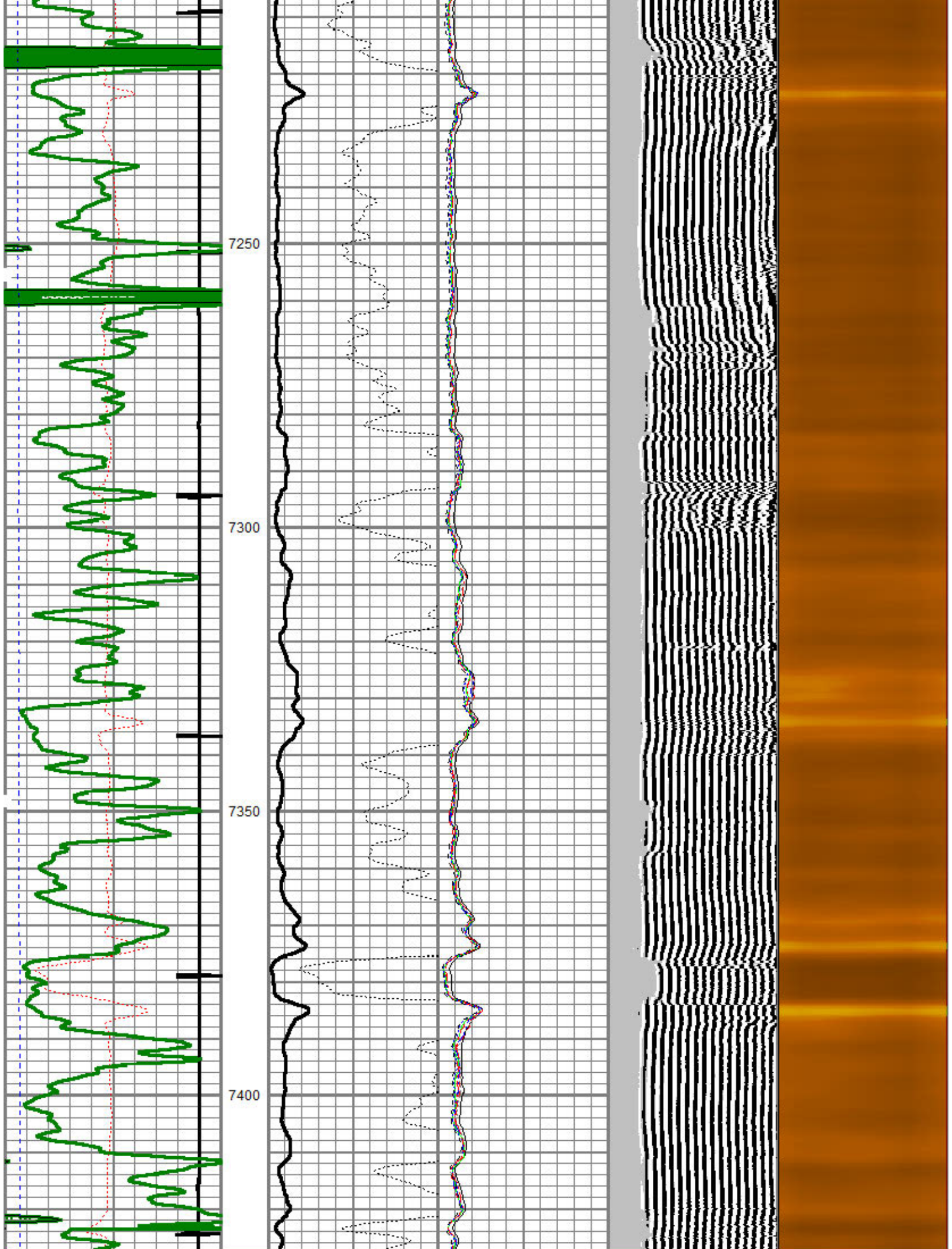


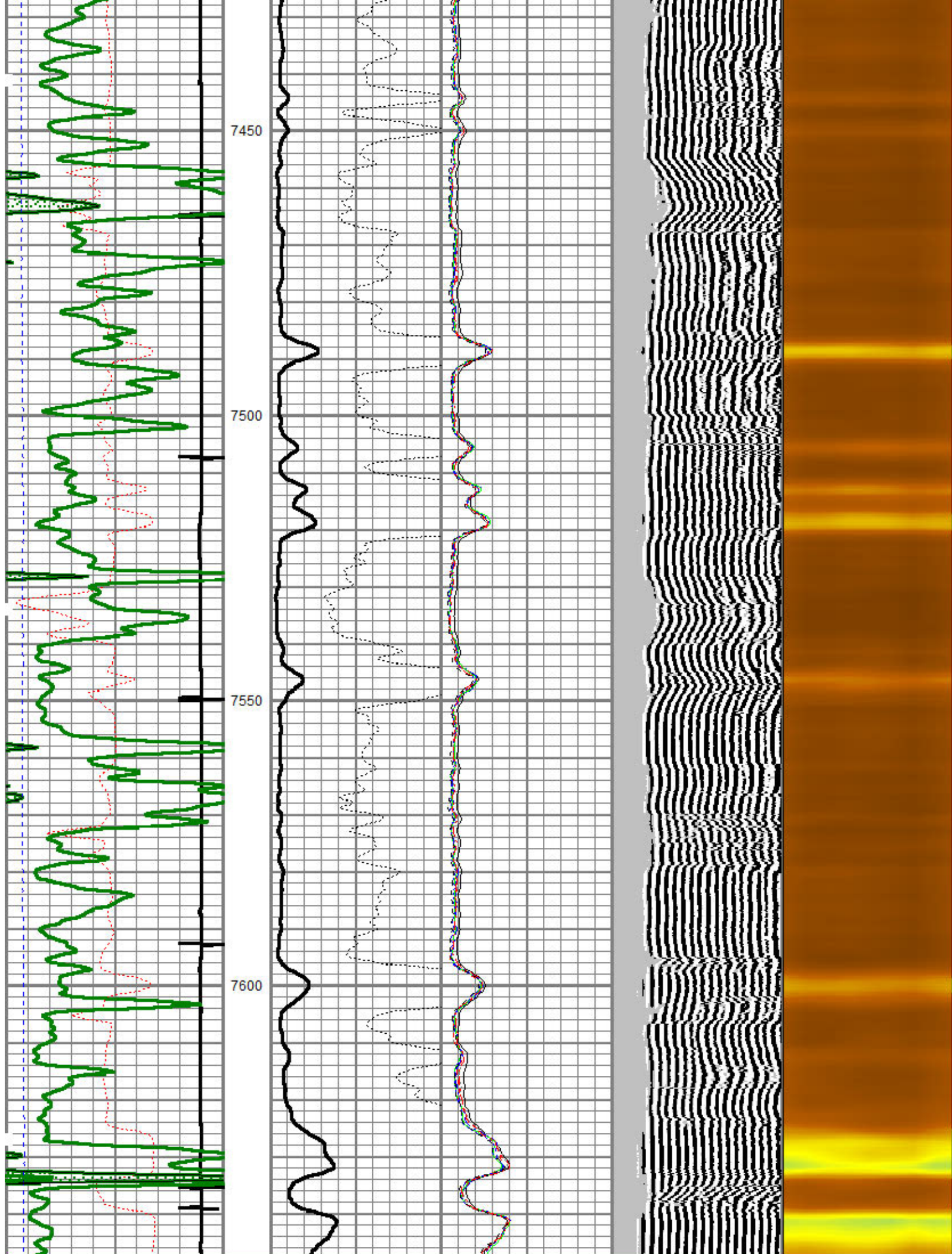


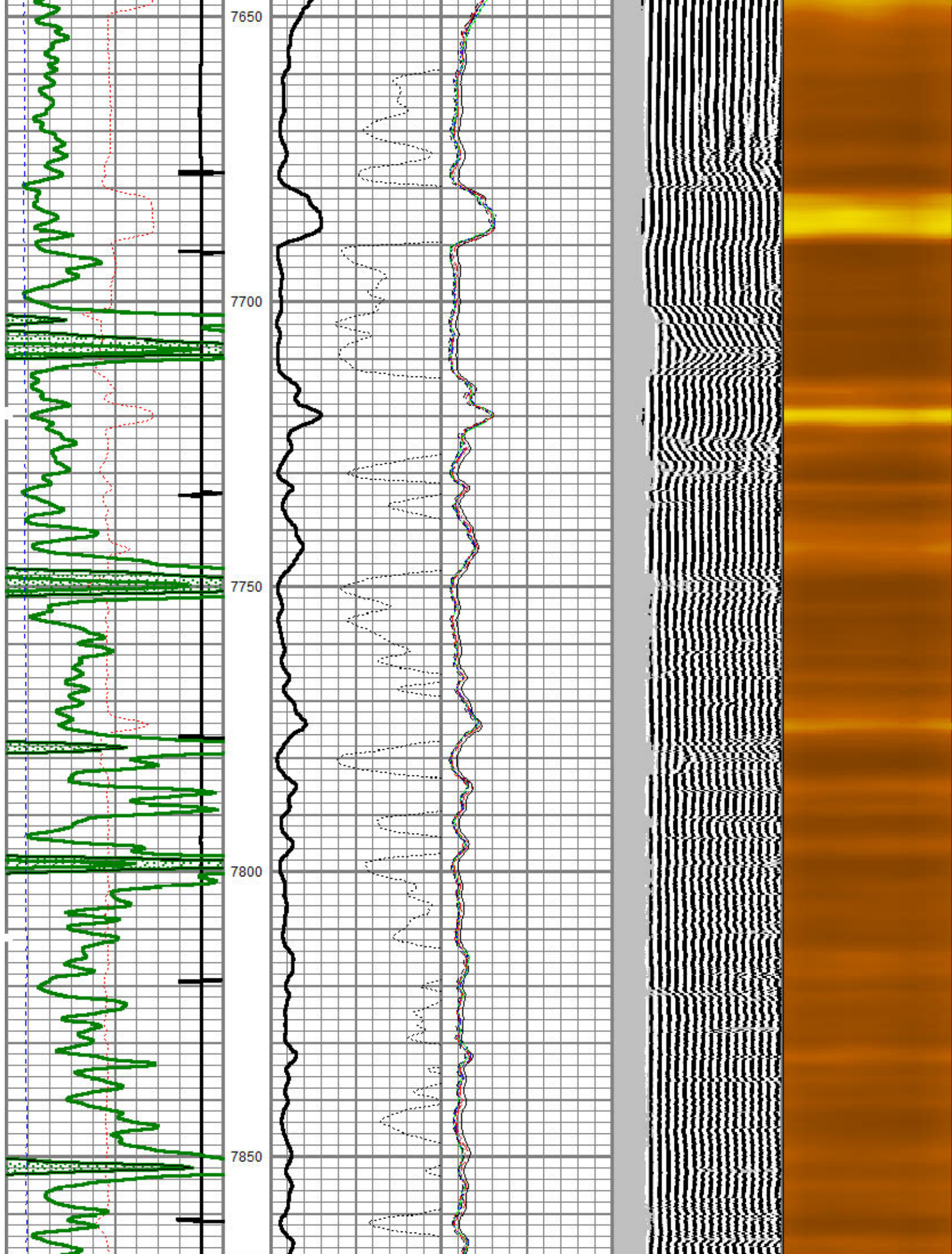


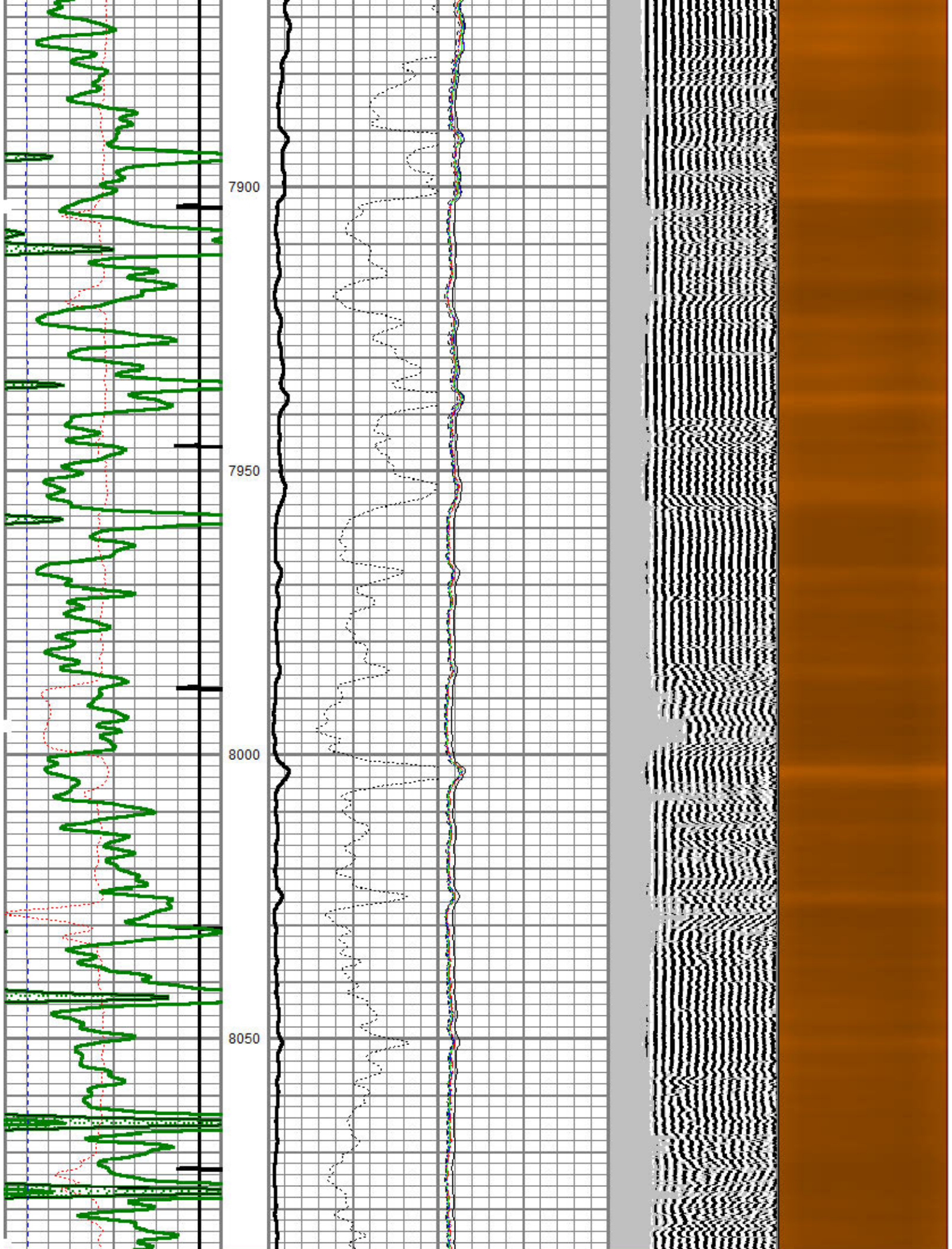


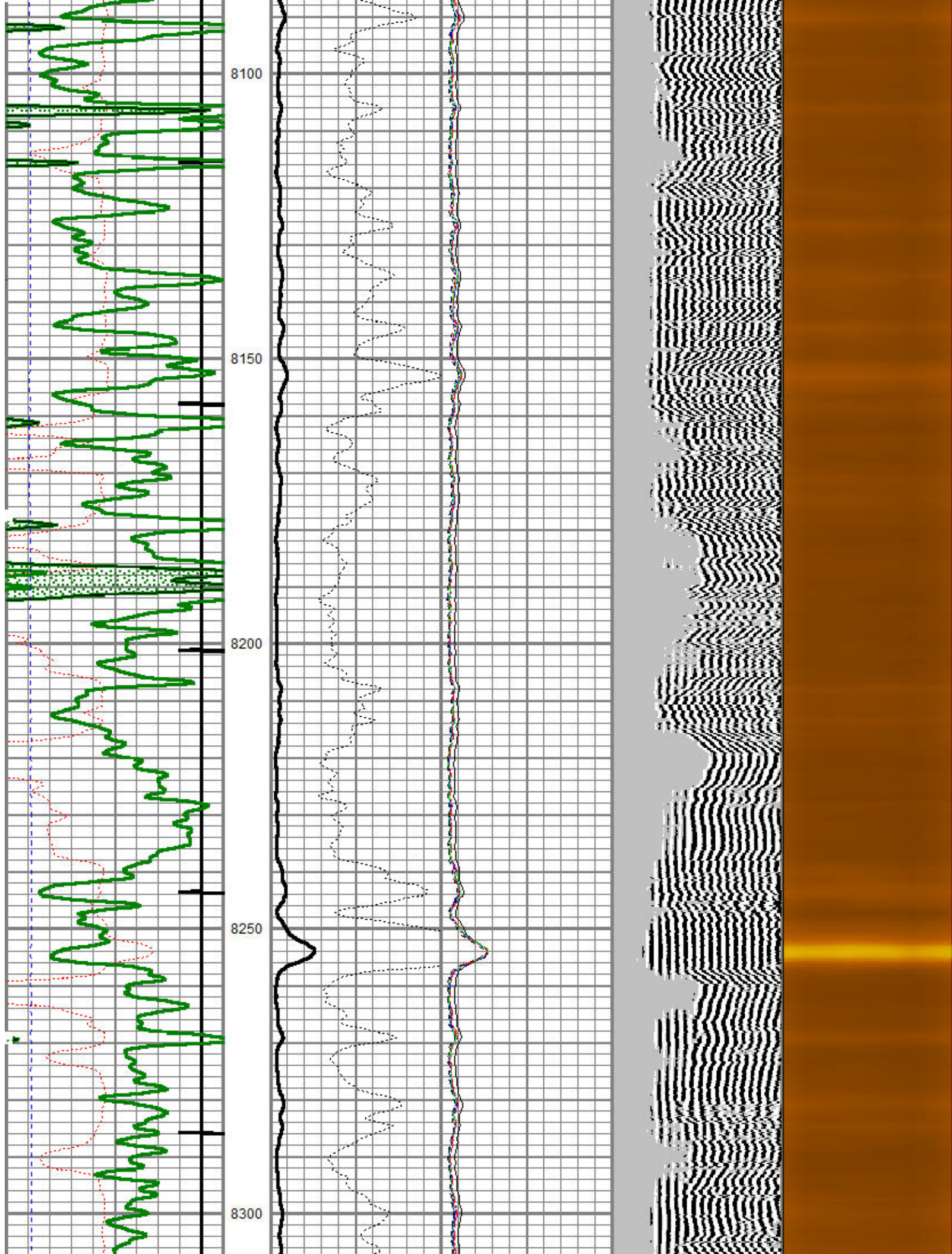


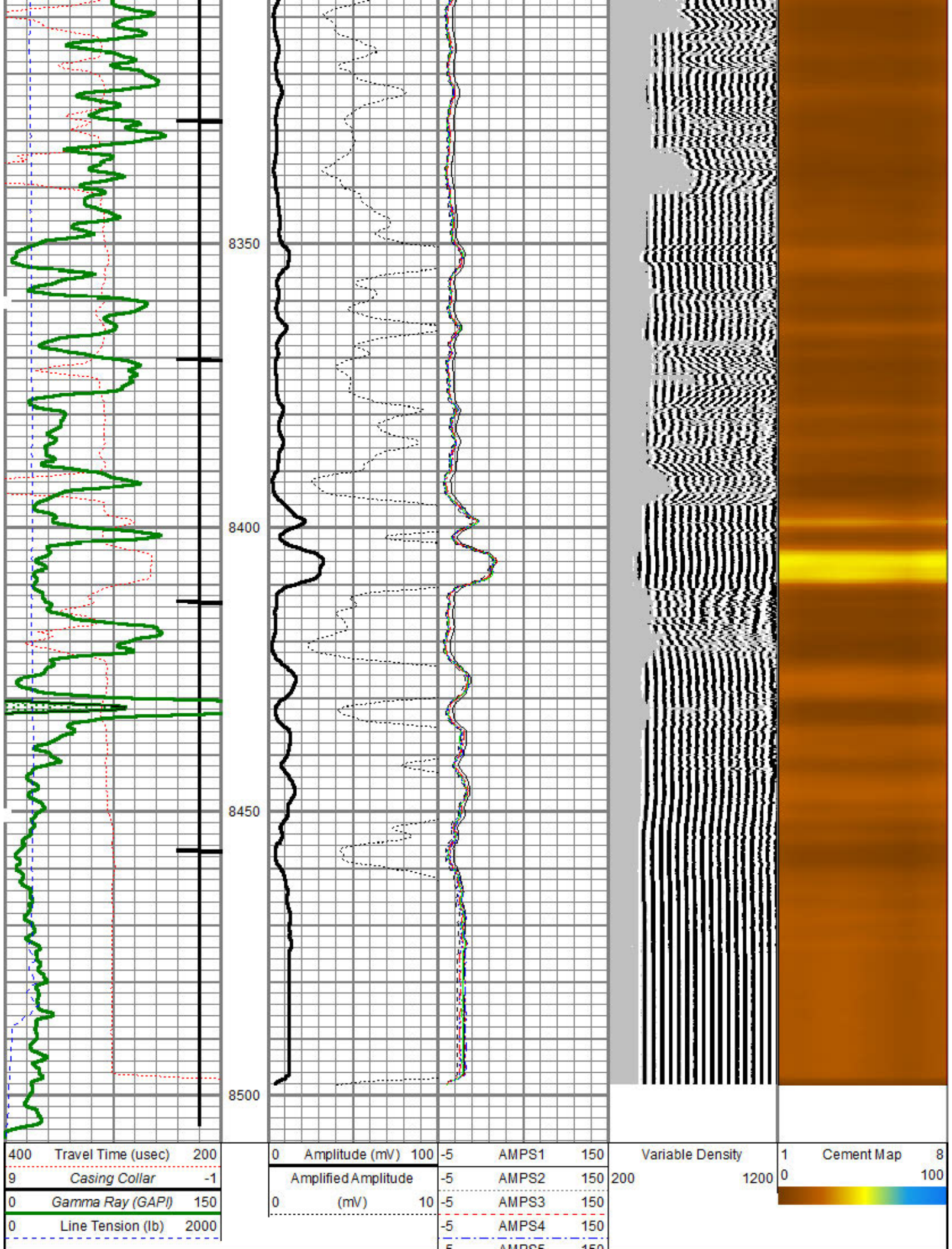












-5	AMPS5	150
-5	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150



REPEAT PASS (0 PSI)

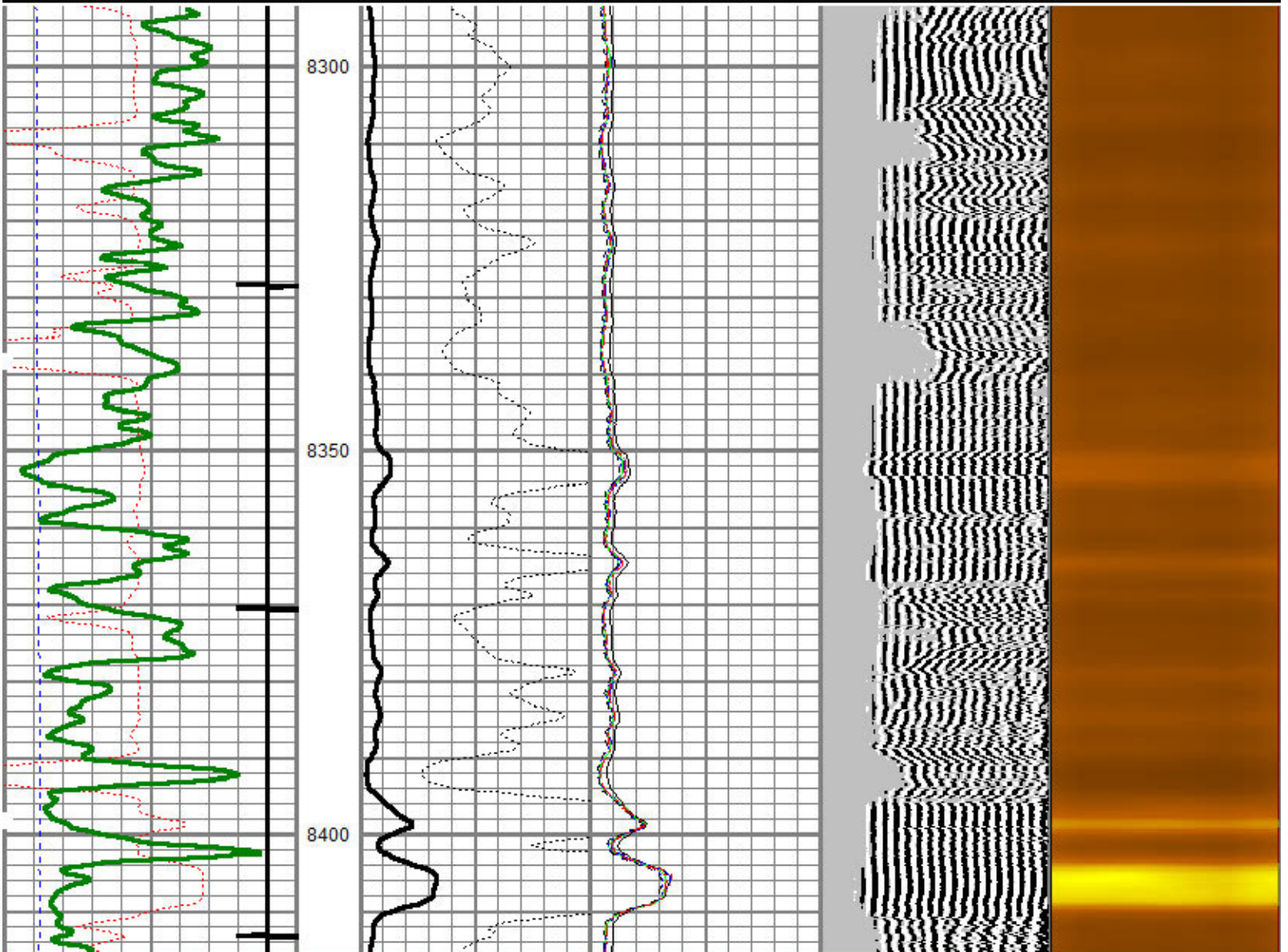
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Dataset Pathname: pass5
Presentation Format: scl03
Dataset Creation: Tue Nov 18 11:57:28 2014 by Log 0
Charted by: Depth in Feet scaled 1:240

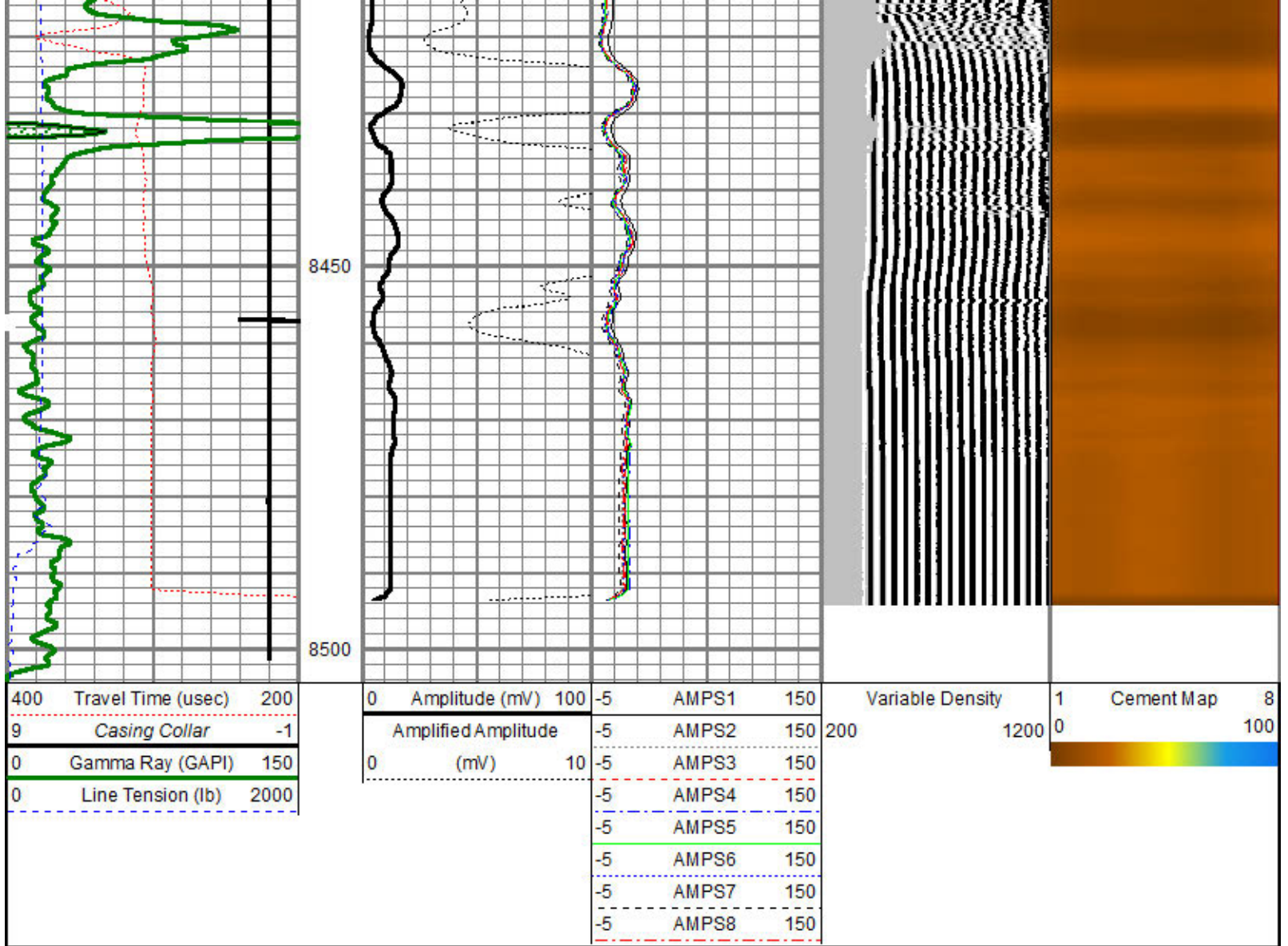
400	Travel Time (usec)	200
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
0	Line Tension (lb)	2000

0	Amplitude (mV)	100
	Amplified Amplitude	
0	(mV)	10

-5	AMPS1	150
-5	AMPS2	150
-5	AMPS3	150
-5	AMPS4	150
-5	AMPS5	150
-5	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150

Variable Density	1	Cement Map	8
200	1200	0	100





Calibration Report

Database File: cascade petroleum.db
 Dataset Pathname: pass6
 Dataset Creation: Tue Nov 18 12:04:09 2014 by Log 0

Gamma Ray Calibration Report

Serial Number: FW1408-35
 Tool Model: Probe275
 Performed: Mon Nov 17 16:21:29 2014

Calibrator Value: 1022.0 GAPI

Background Reading: 104.0 cps
 Calibrator Reading: 1579.4 cps

Sensitivity: 0.6927 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1406-126
 Tool Model: RBTC3

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 0.000 ft

Master Calibration, performed Mon Nov 17 16:10:31 2014:

Raw (u)

Calibrated (mu)

Results

	Raw (v)		Calibrated (mV)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.024	1.007	2.000	71.921	67.831	3.638
CAL	-0.021	1.186				
5'	-0.013	1.045	2.000	71.921	66.084	2.873
SUM						
S1	-0.019	1.073	0.000	100.000	91.519	1.775
S2	-0.025	0.999	0.000	100.000	97.691	2.436
S3	-0.024	1.001	0.000	100.000	97.564	2.371
S4	-0.027	1.000	0.000	100.000	97.371	2.597
S5	-0.025	1.007	0.000	100.000	96.896	2.463
S6	-0.026	0.989	0.000	100.000	98.559	2.531
S7	-0.026	0.987	0.000	100.000	98.701	2.558
S8	-0.026	0.976	0.000	100.000	99.782	2.637

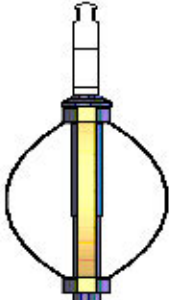
Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

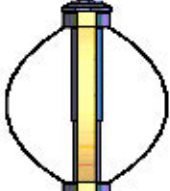
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.021	1.186	1.000	0.000

Air Zero Calibration, performed Wed Dec 31 17:00:00 1969:

	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	

Temperature Calibration Report					
Serial Number:	FW1406-126				
Tool Model:	RBTC3				
Performed:	Sun Jun 13 13:33:21 1993				
	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				

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Titan Cable_head	1.00	1.44	10.00
			Probe275 2.75" Centralizer	2.88	2.75	20.00

WVF3FT	11.13		RBT-RBTC3 (FW1406-126)	8.92	2.75	100.00
WVFCAL	11.13					
WVFS1	11.13					
WVFS2	11.13					
WVFS3	11.13					
WVFS4	11.13					
WVFS5	11.13					
WVFS6	11.13					
WVFS7	11.13					
WVFS8	11.13					
WVF5FT	10.13					
TEMP	6.88					
CCL	3.88		Probe275 2.75" Centralizer	2.88	2.75	20.00
GR	2.54		GR-Probe275 (FW1408-35) Probe 2 3/4" Logging Gamma Ray	4.00	2.75	57.00
Dataset: cascade petroleum.db: field/well/run1/pass6 Total Length: 19.67 ft Total Weight: 207.00 lb O.D.: 2.75 in						



Company CASCADE PETROLEUM
 Well GAEDE 95-55W-08-16
 Field WILDCAT
 County LINCOLN
 State COLORADO