



RCBL
GAMMA RAY / CCL

Company HIGHPOINT RESOURCES
Well GRINDE 01-64-05-4841 C
Field WATTENBERG
County WELD
State COLORADO

Company HIGHPOINT RESOURCES
Well GRINDE 01-64-05-4841 C
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-49718-00
SHL: 1550' FSL 305' FWL
NWSW
Permanent Datum GL Elevation 5030'
Log Measured From GL
Drilling Measured From KB 16.5'
Other Services
NONE
Elevation
K.B. 5046.5'
D.F. 5046.5'
G.L. 5030'

SEC 5 TWP 1N RGE 64W

Date 11 AUG. 2020

Run Number	1		
Depth Driller	17229'		
Depth Logger	7262'		
Bottom Logged Interval	7262'		
Top Log Interval	SERFACE		
Open Hole Size	8.75"		
Type Fluid	H2O		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	SEE LOG		
Time Well Ready	1200		
Time Logger on Bottom	1220		
Equipment Number	216		
Location	GREELEY, CO.		
Recorded By	S. STUMP		
Witnessed By	R. BEHRENDT		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.5/8"	36#	0"	1262'
Prod. String	7"	23#	0"	7529'
Production String	4.5"	13.5#	0"	7589.8'
Liner	4.5"	11.6#	7589.8'	17229'

<<< Fold Here >>>

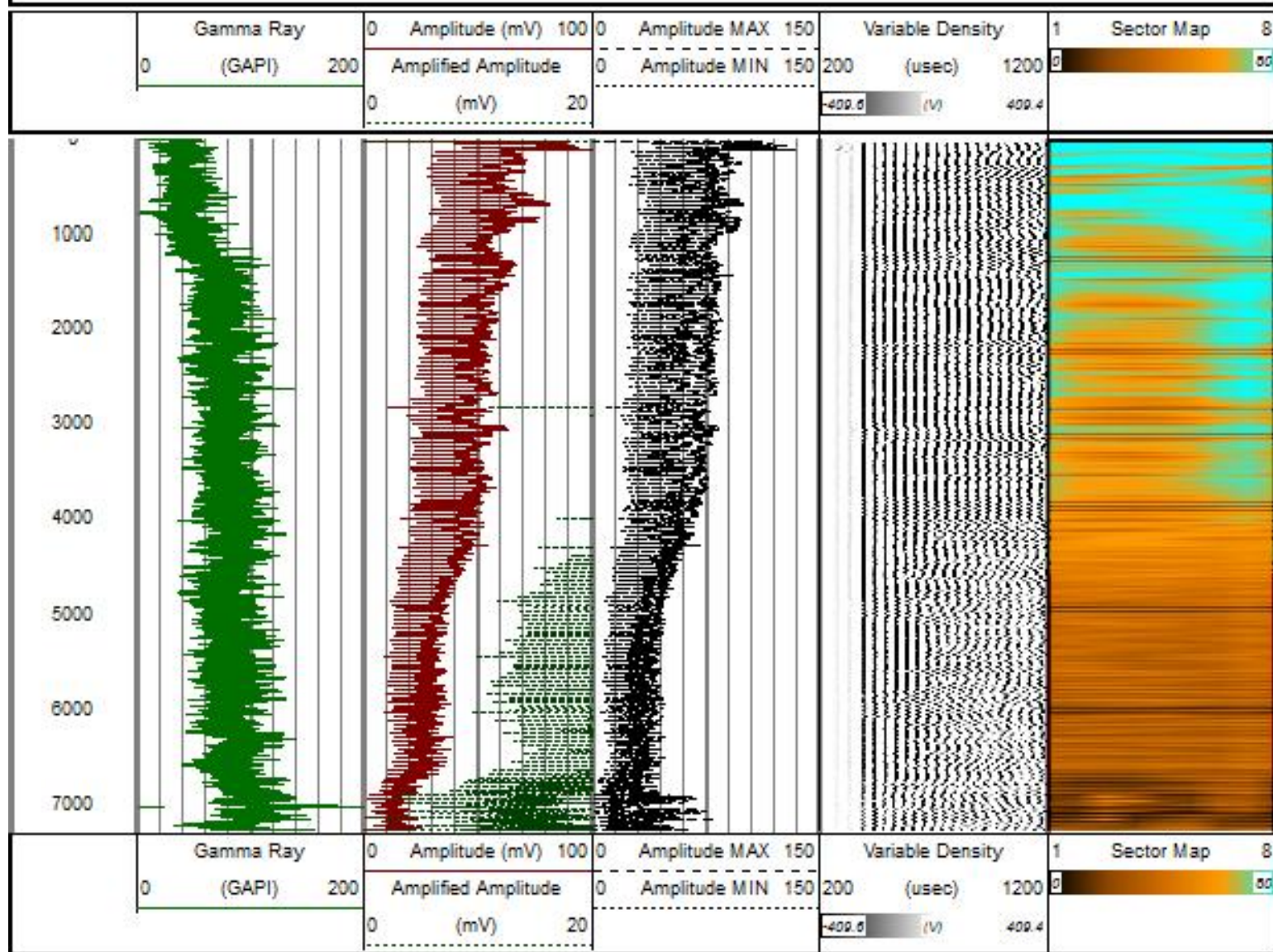
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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



QUICK LOOK

Database File 90888_highpoint_grinde_rchl.db
 Dataset Pathname QUICK_LOOK
 Presentation Format rbl_1inch_2020
 Dataset Creation Sat Jan 11 13:31:54 2020
 Charted by Depth in Feet scaled 1:20000



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.44	1.00
			CENT-tekco	2.73	2.75	50.00

WVFS8	12.56		RBT-Probe (DD3_9_5_8) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS7	12.56					
WVFS6	12.56					
WVFS5	12.56					
WVFS4	12.56					
WVFS3	12.56					
WVFS2	12.56					
WVFS1	12.56					
WVFCAL	12.56					
WVF3FT	12.56					
WVF5FT	11.48					
			CENT-tekco	2.73	2.75	50.00
CCL	4.33		CCL-tekco (D3) 3.125 logging col	1.83	3.13	20.00
GR	1.13		GR-probe 2.75 (DA2)	3.67	2.75	100.00
Dataset: 90668_highpoint_grinde_rcbl.db: field/well/run1/MAIN Total length: 20.88 ft Total weight: 311.00 lb O.D.: 3.13 in						

Calibration Report		
Database File	90668_highpoint_grinde_rcbl.db	
Dataset Pathname	MAIN	
Dataset Creation	Sat Jan 11 13:29:35 2020	
Gamma Ray Calibration Report		
Serial Number:	DA2	
Tool Model:	probe 2.75	
Performed:	Thu Jan 08 13:40:14 2015	
Calibrator Value:	200.0	GAPI
Background Reading:	39.6	cps
Calibrator Reading:	259.2	cps
Sensitivity:	0.9108	GAPI/cps
Segmented Cement Bond Log Calibration Report		
Serial Number:	DD3_9_5_8	
Tool Model:	Probe	

Calibration Casing Diameter: 4.500 in
Calibration Depth: 154.843 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.057	0.781	1.000	81.198	110.824	-5.337
CAL	1.017	1.016				
5'	0.069	0.717	1.000	81.198	123.708	-7.477
SUM						
S1	0.103	0.868	0.000	100.000	130.604	-13.414
S2	0.096	0.825	0.000	100.000	137.101	-13.114
S3	0.084	0.766	0.000	100.000	146.623	-12.320
S4	0.086	0.732	0.000	100.000	154.687	-13.239
S5	0.074	0.737	0.000	100.000	150.845	-11.110
S6	0.087	0.784	0.000	100.000	143.420	-12.497
S7	0.089	0.840	0.000	100.000	133.051	-11.788
S8	0.081	0.867	0.000	100.000	127.169	-10.310

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.017	1.016	1.000	0.000

Air Zero Calibration, performed Tue Jan 07 10:08:37 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	



MAIN PASS

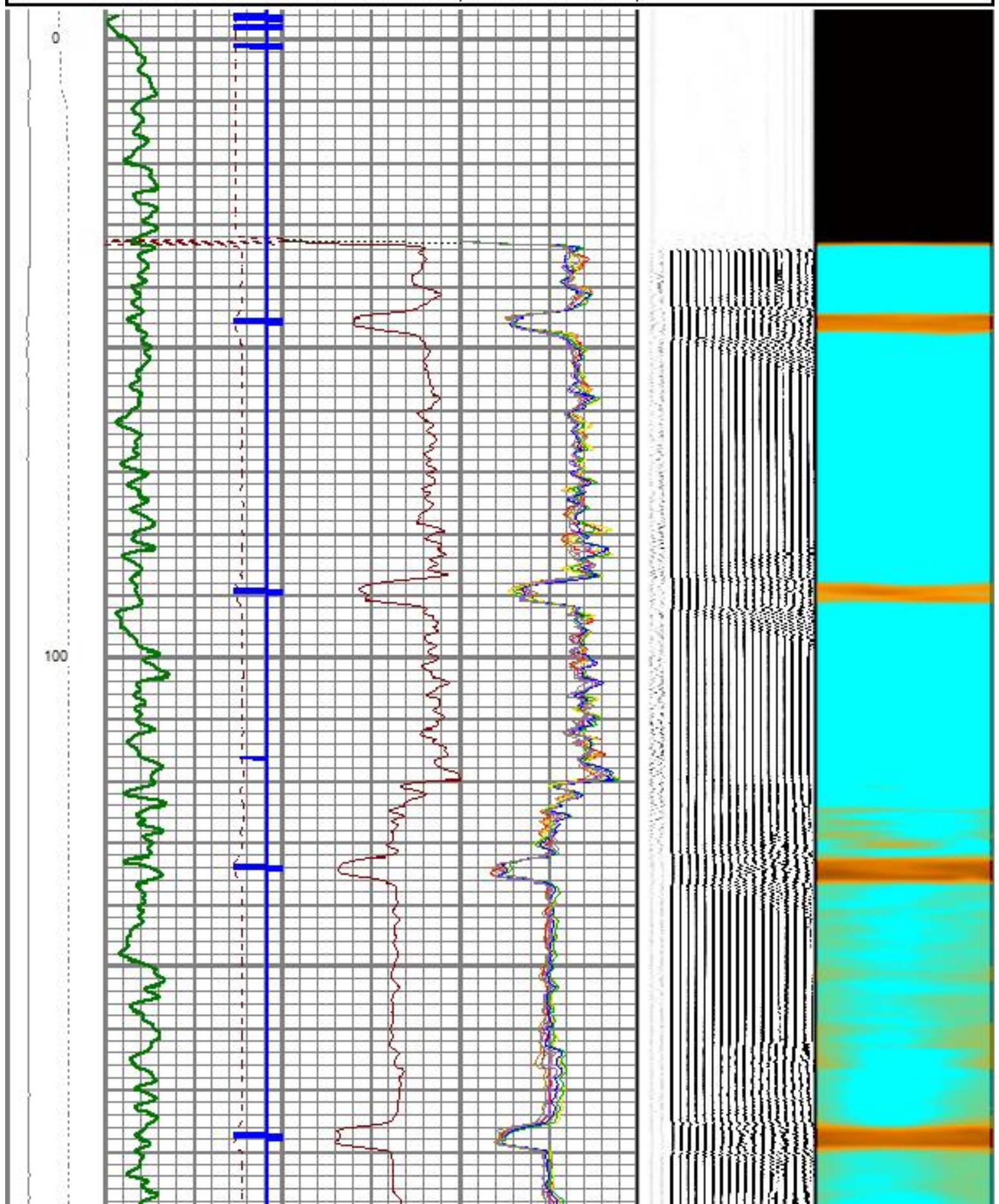
0 PSI ON WELL WHILE LOGGING

Database File: 90668_highpoint_grinde_rcbl.db
Dataset Pathname: MAIN
Presentation Format: rbl_all_8_2020
Dataset Creation: Sat Jan 11 13:29:35 2020
Charted by: Depth in Feet scaled 1:240

LTEN	3' Travel Time	0 3' Amplitude (mV) 100	0 AMPS1	150	5' Variable Density	1 SECTORS	8
0 (lb) 1000	400 (usec) 200	3' Amplified Amplitude	0 AMPS2	150	200 (usec) 1200	2	50
1 SPD	Casing Collar Locator	0 (mV) 20	0 AMPS3	150	-400.0 (V) 400.4		

500	(ft/min)	Gamma Ray
-500		(GAPI)
0		200

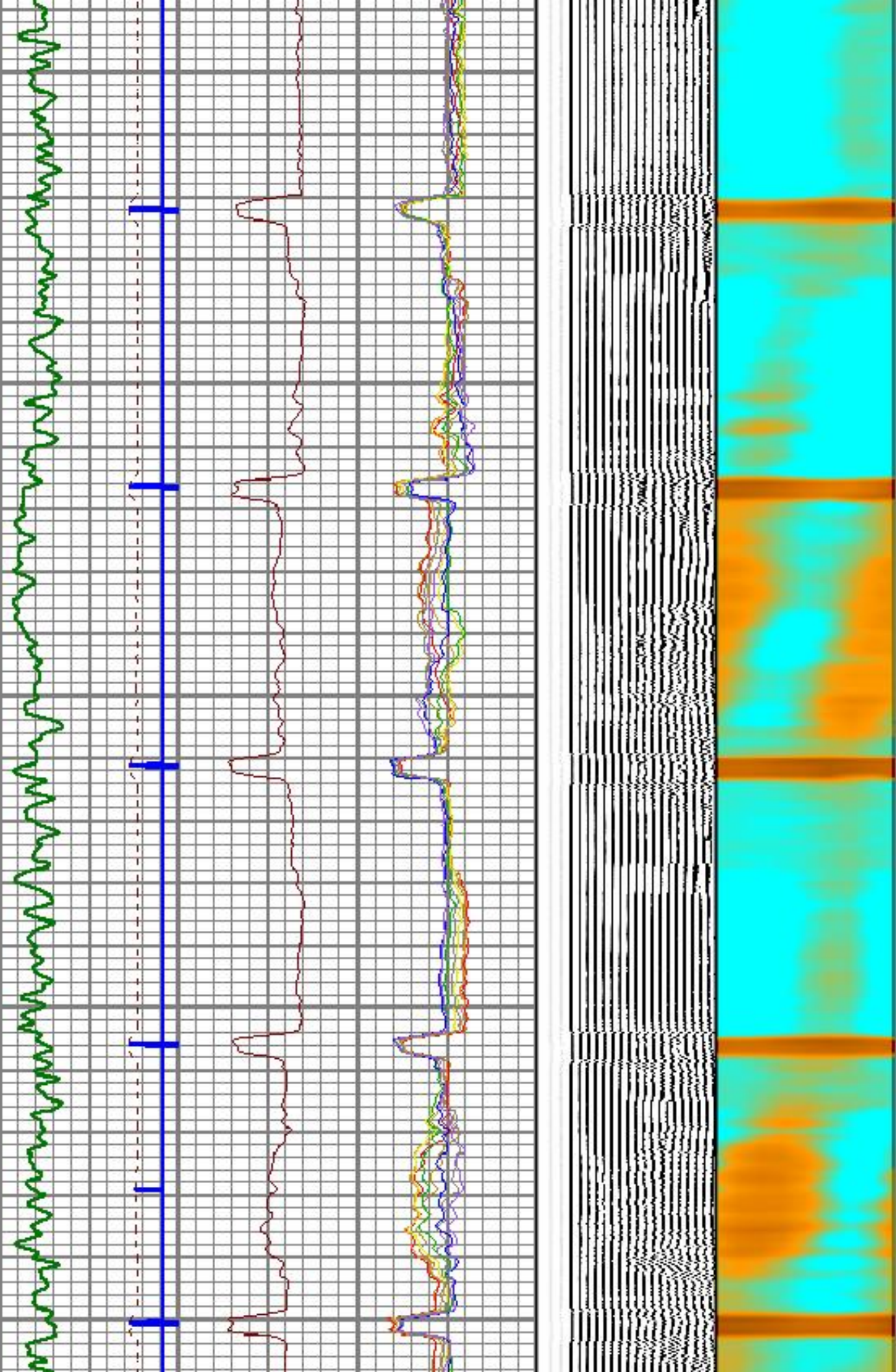
0	AMPS4	150
0	AMPS5	150
0	AMPS6	150
0	AMPS7	150
0	AMPS8	150



200

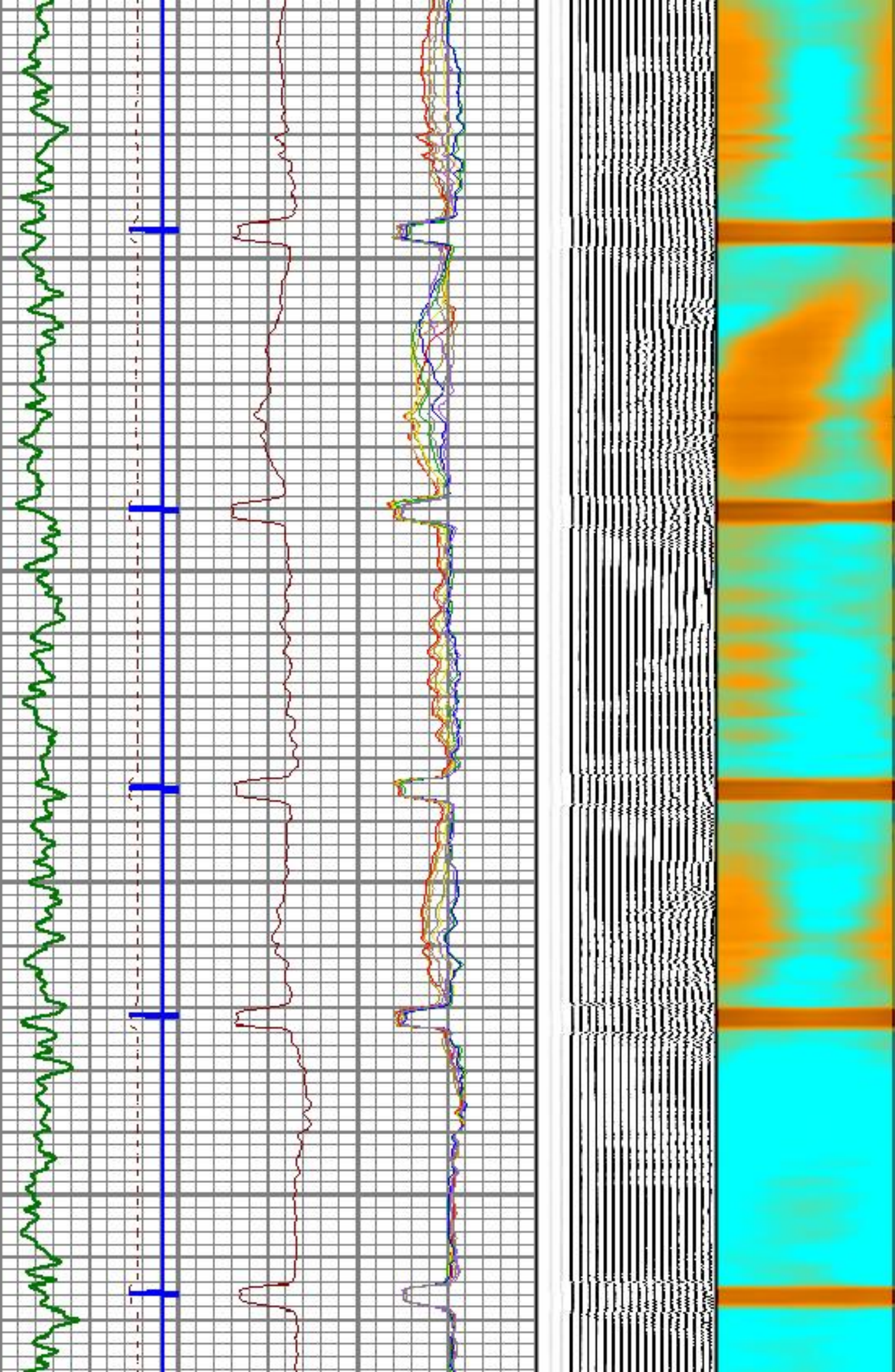
300

400



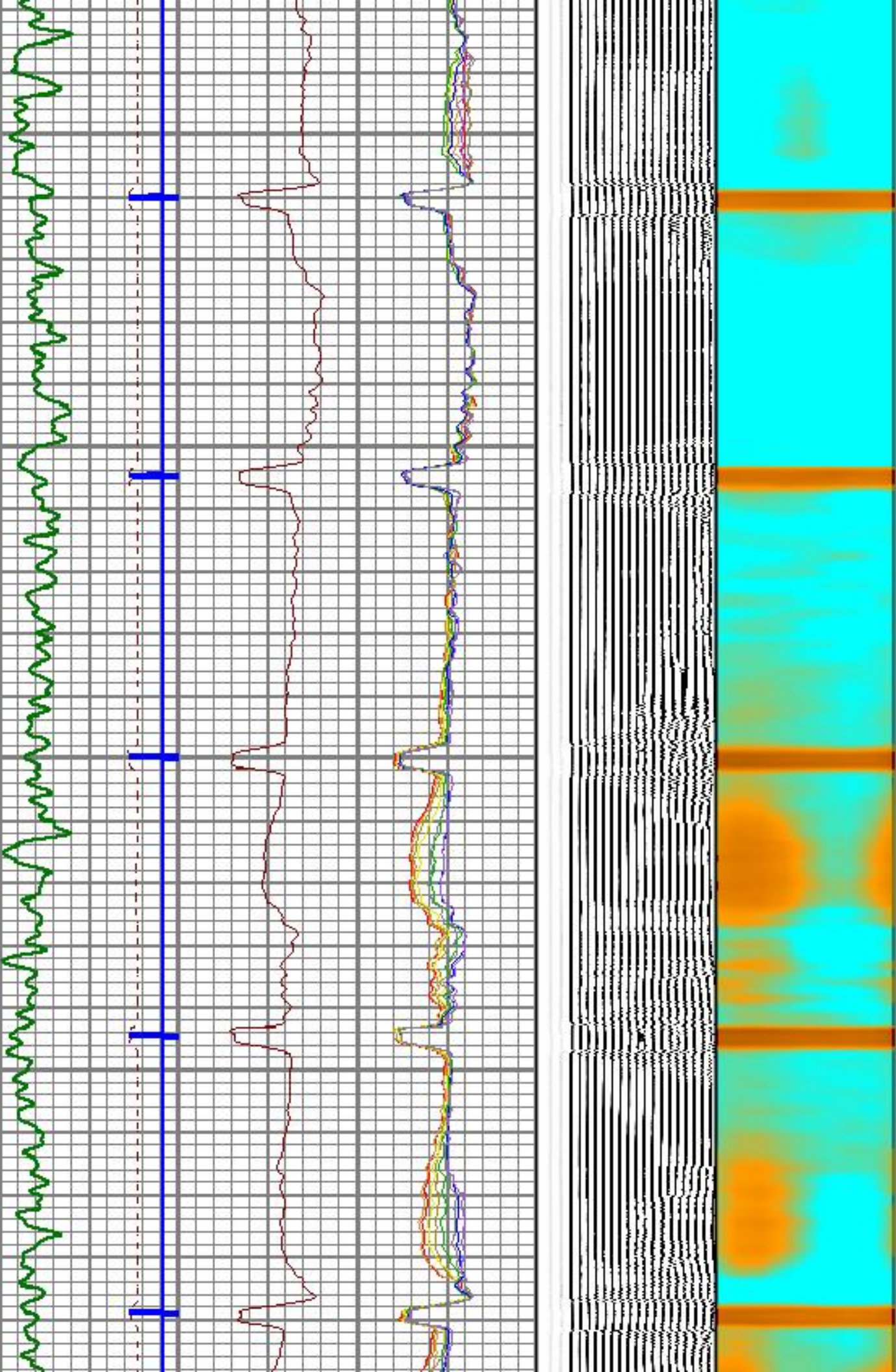
500

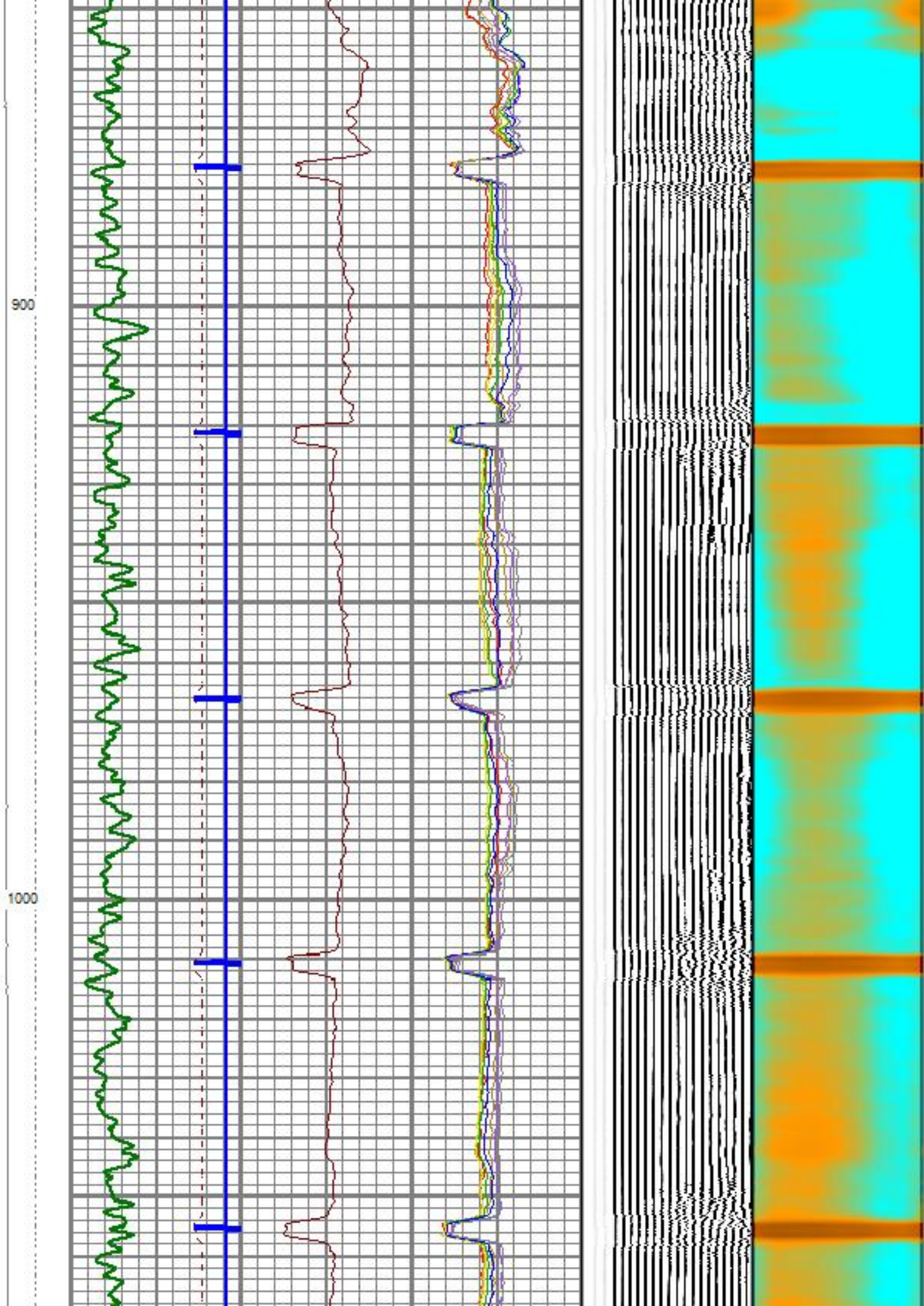
600



700

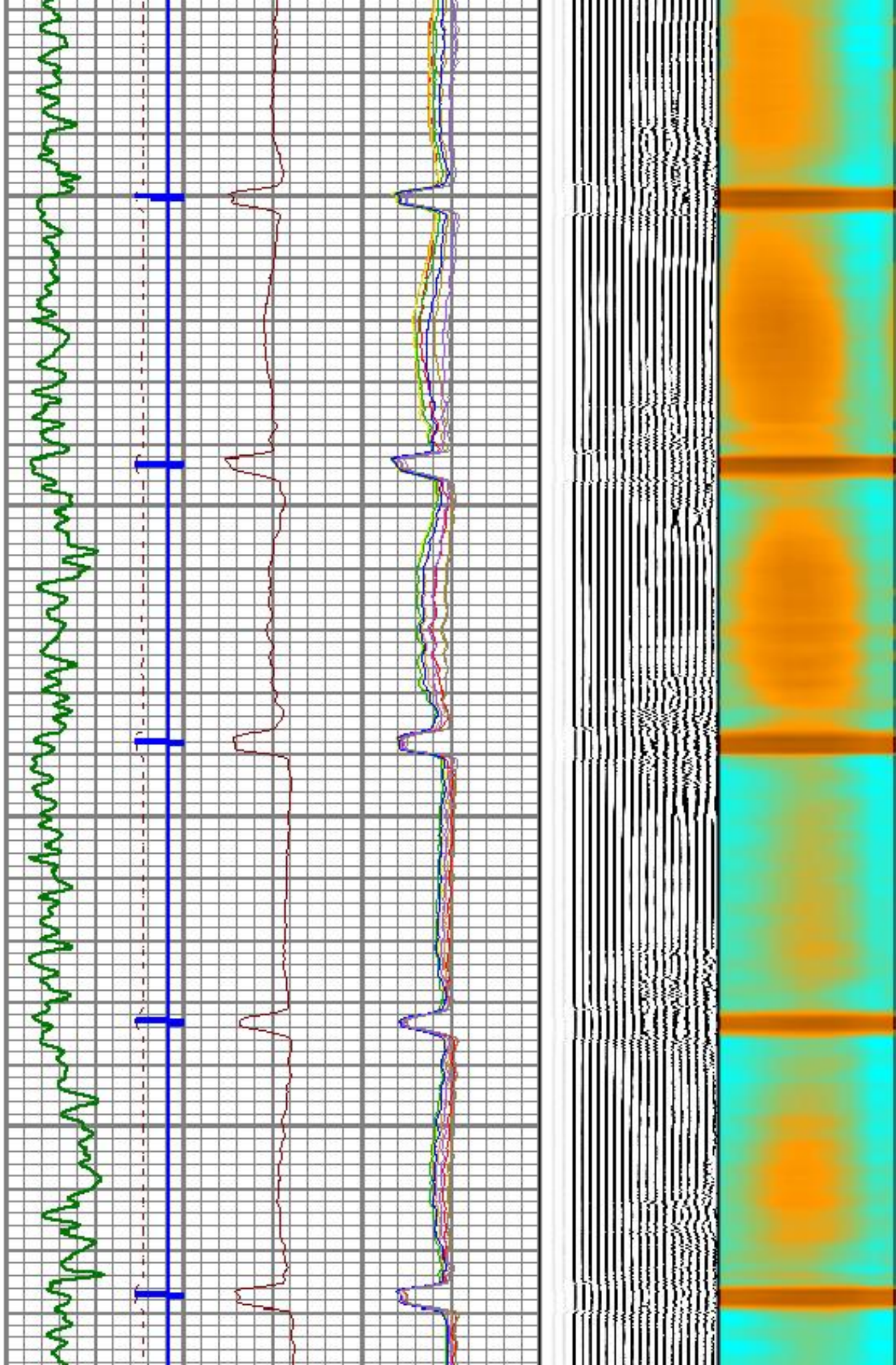
800





1100

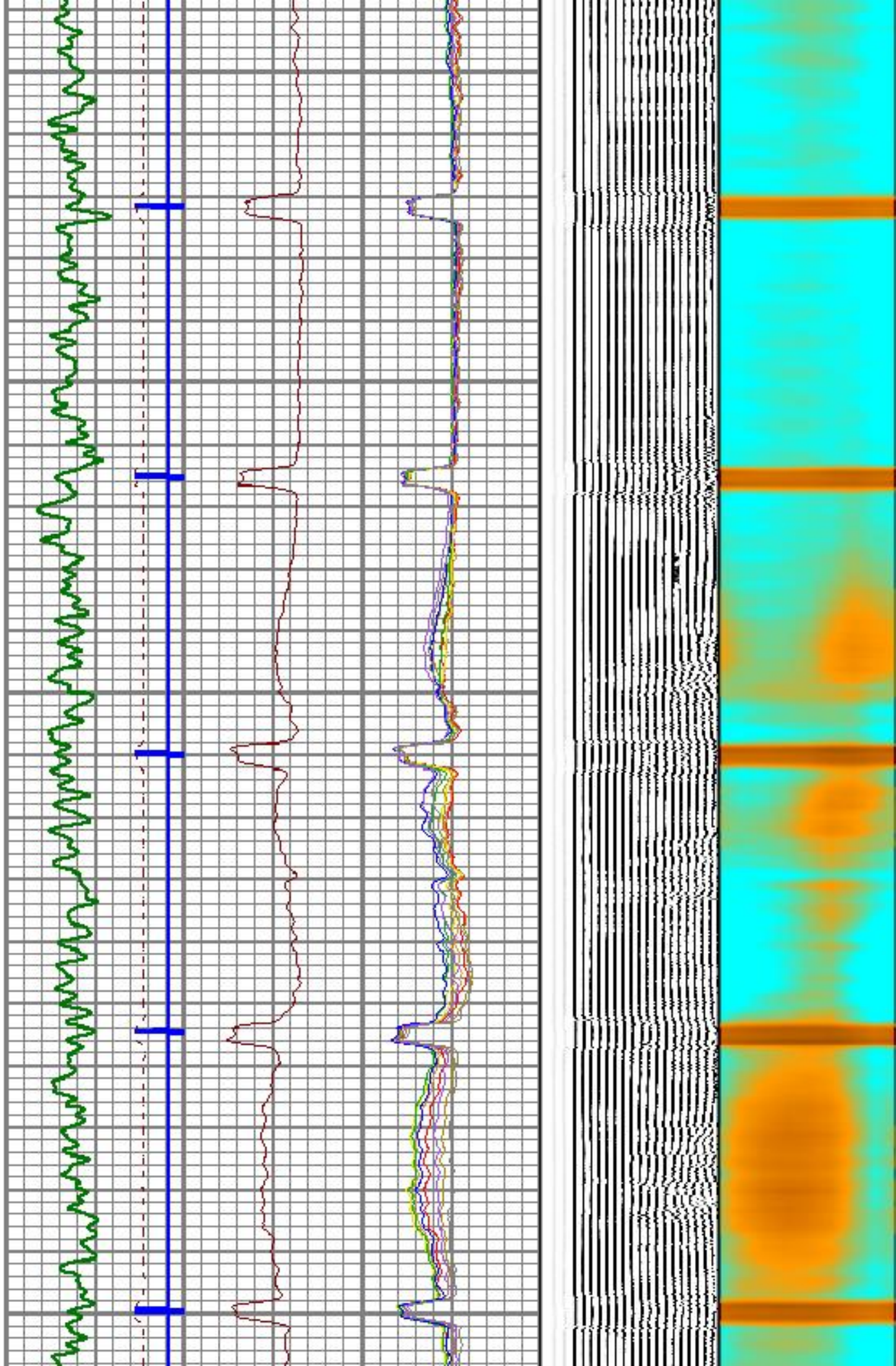
1200



1300

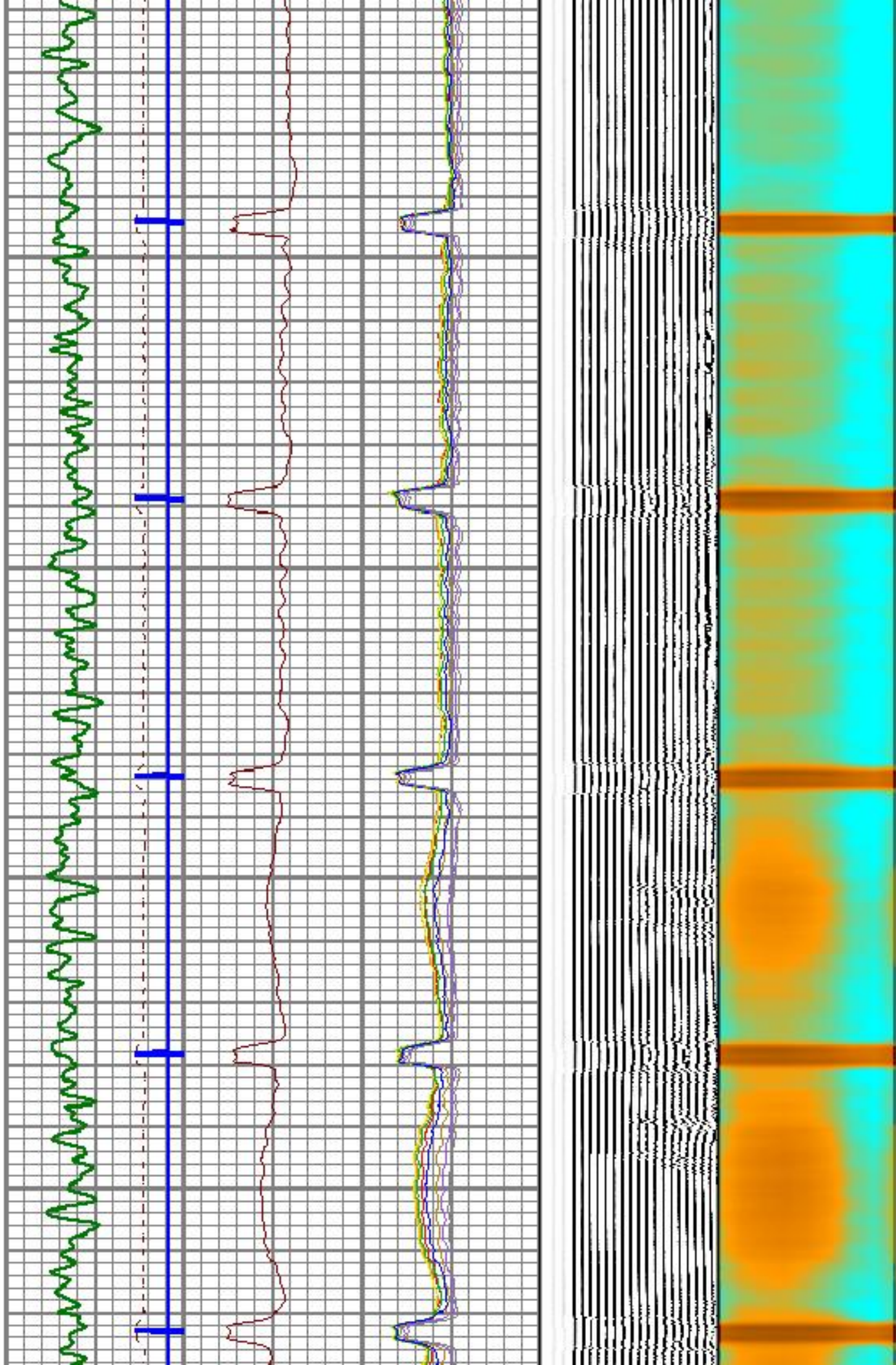
1400

1500



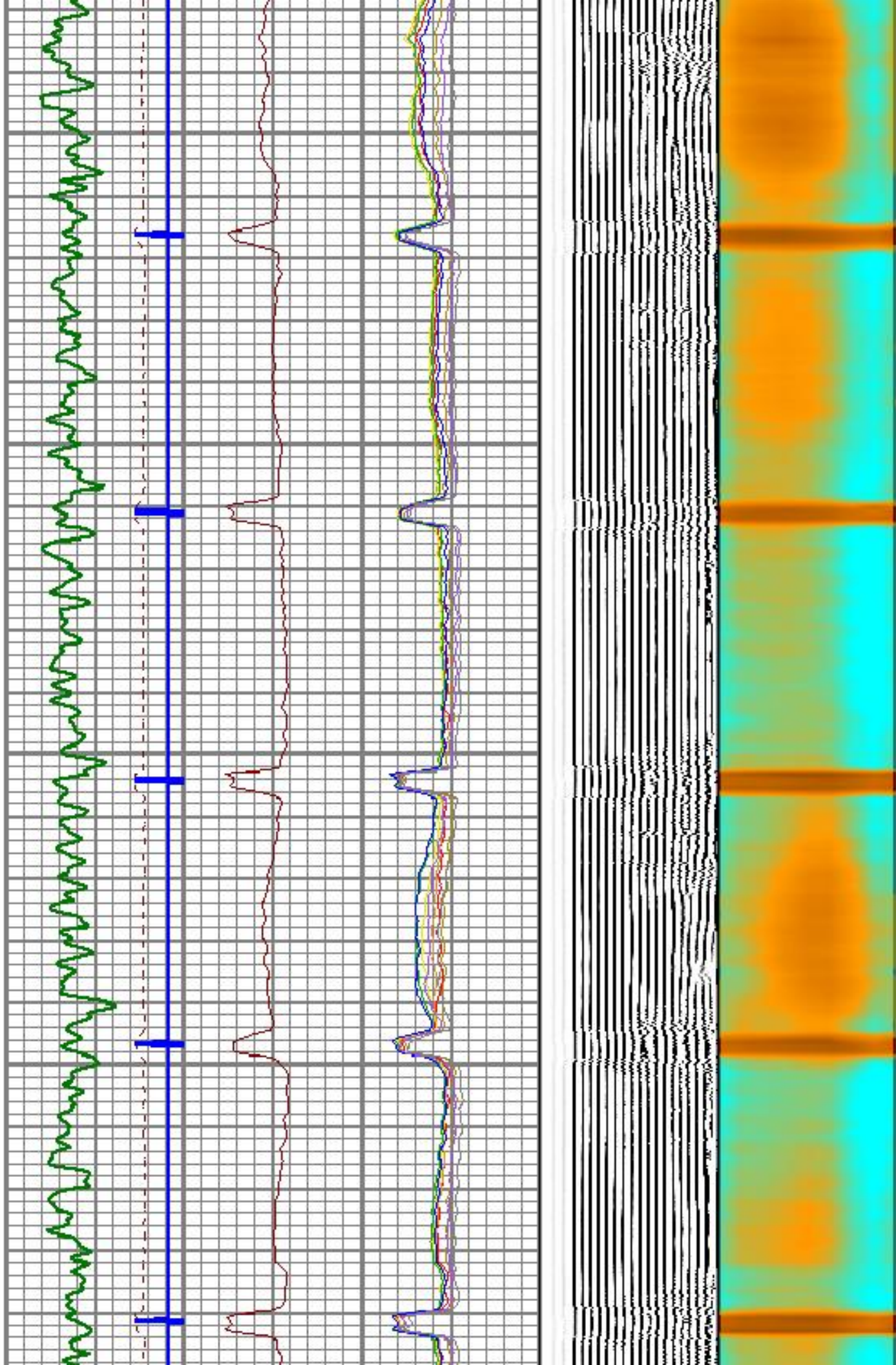
1600

1700



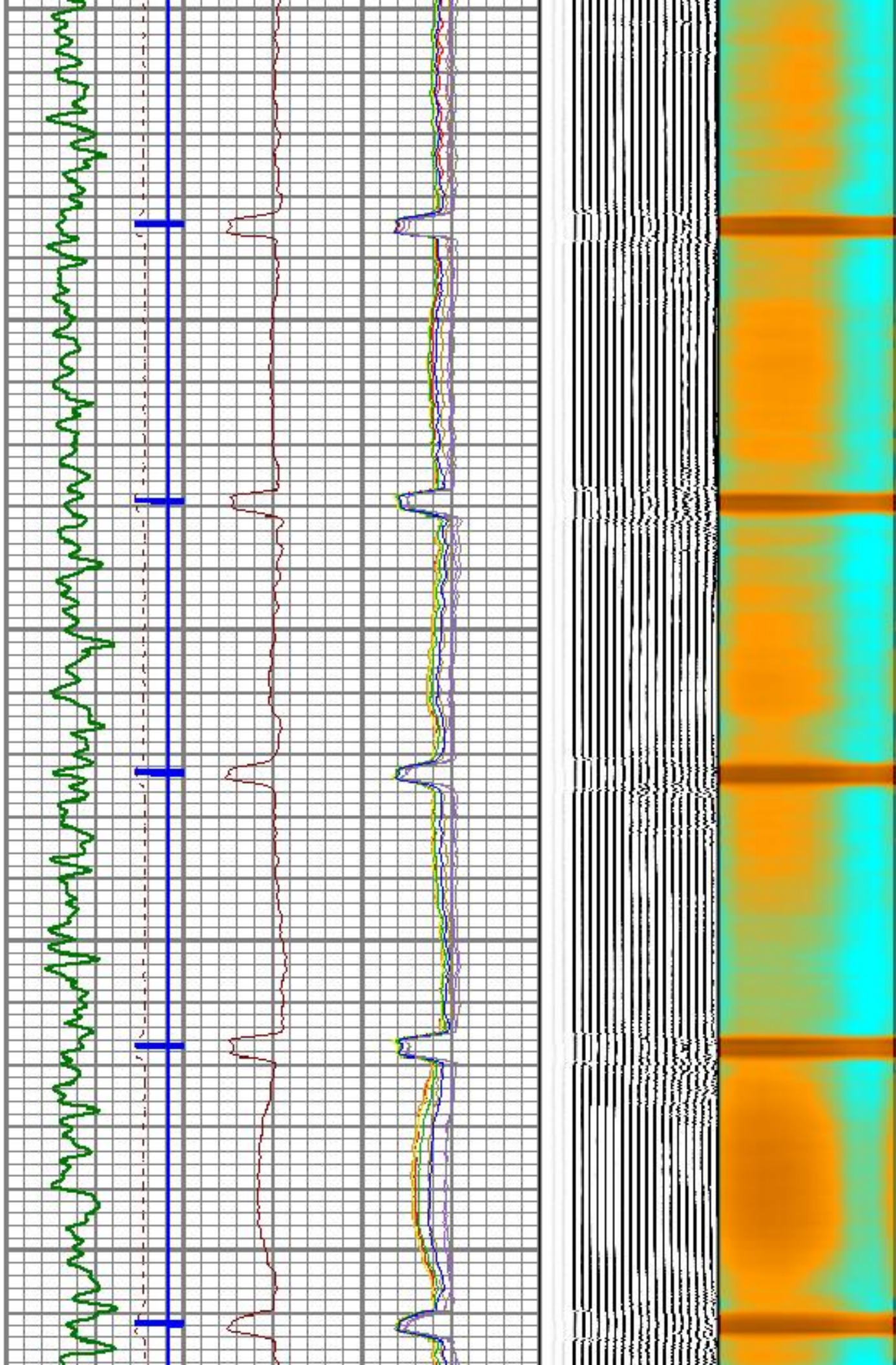
1800

1900



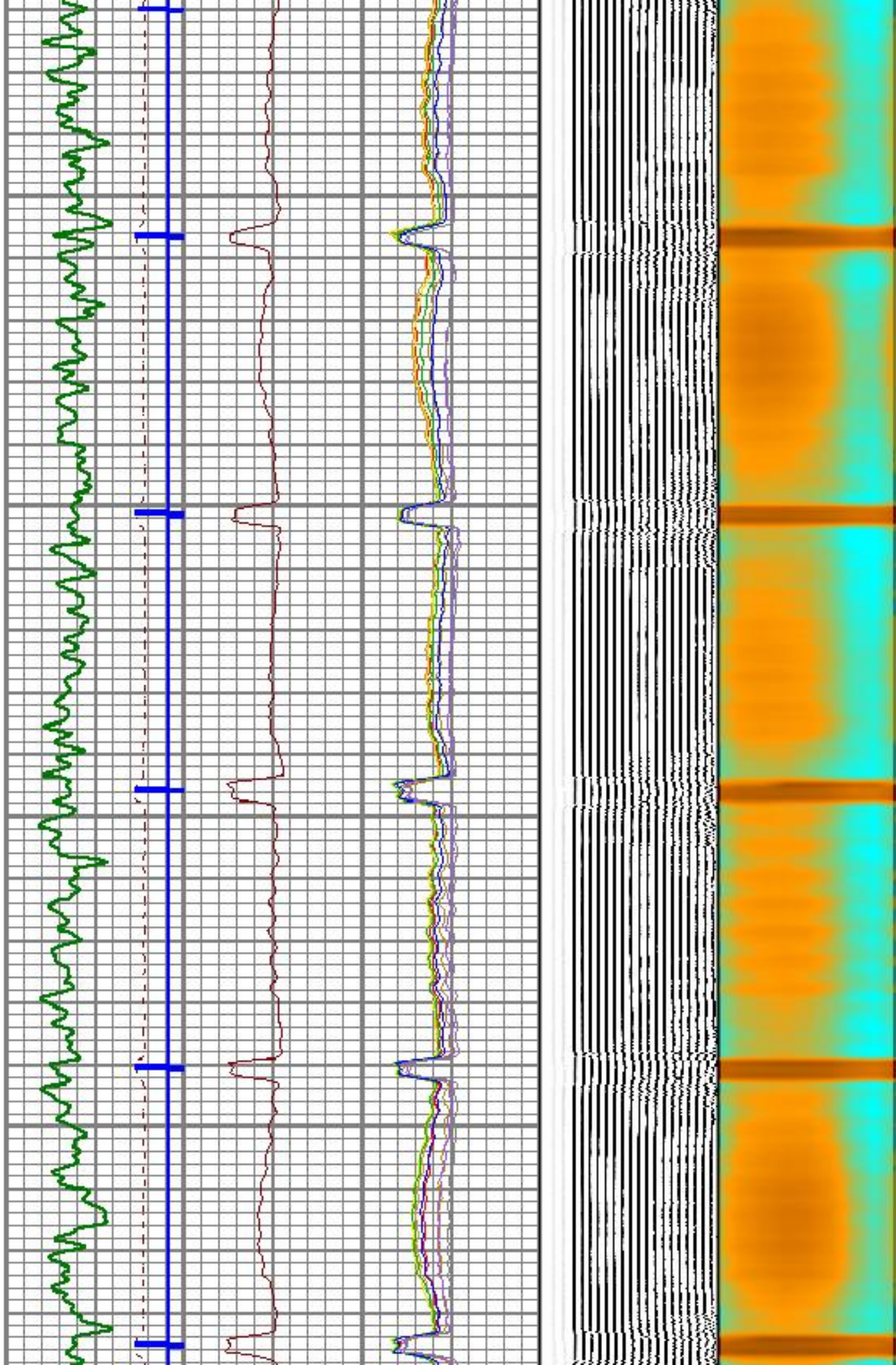
2000

2100



2200

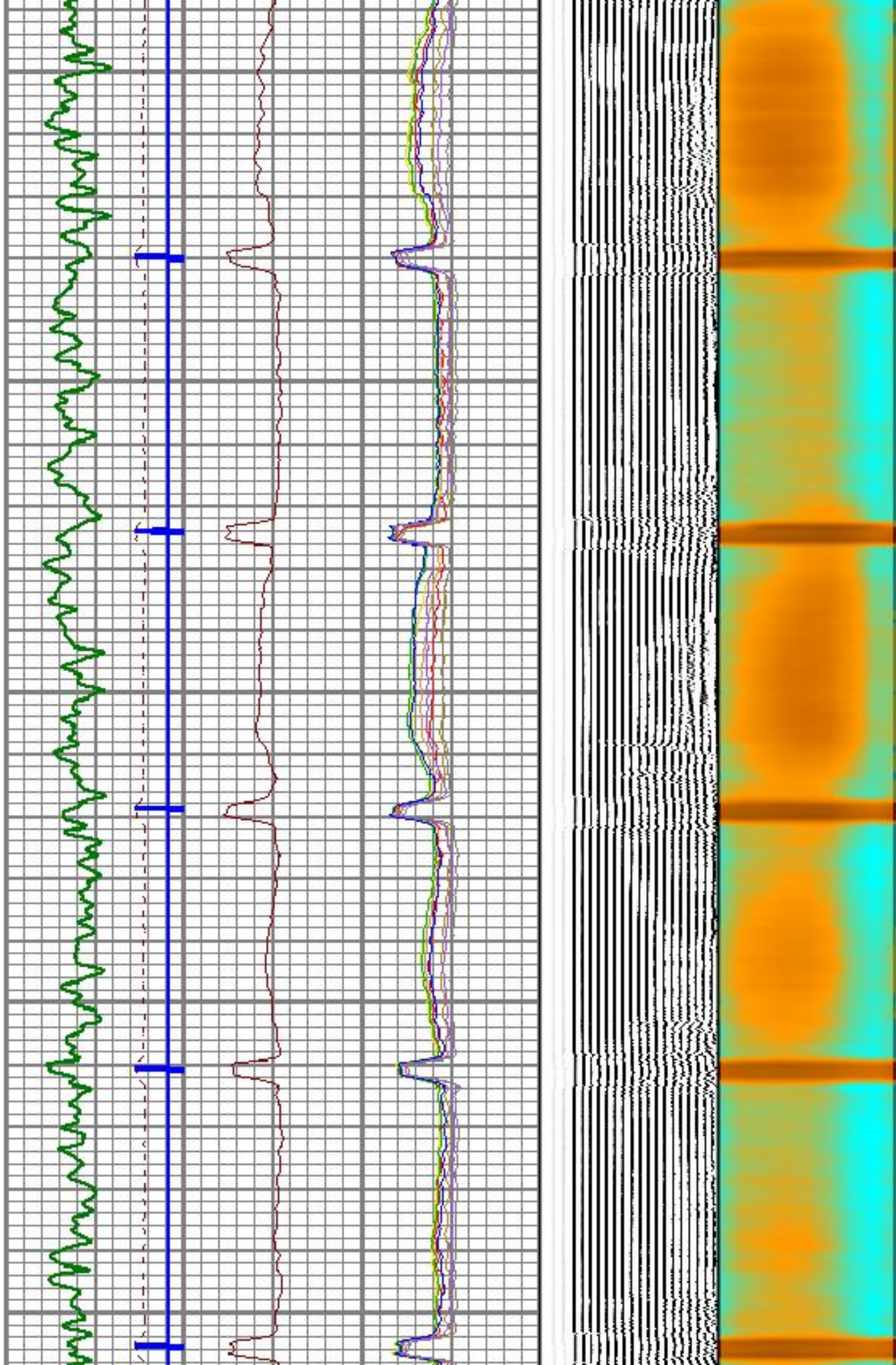
2300



2400

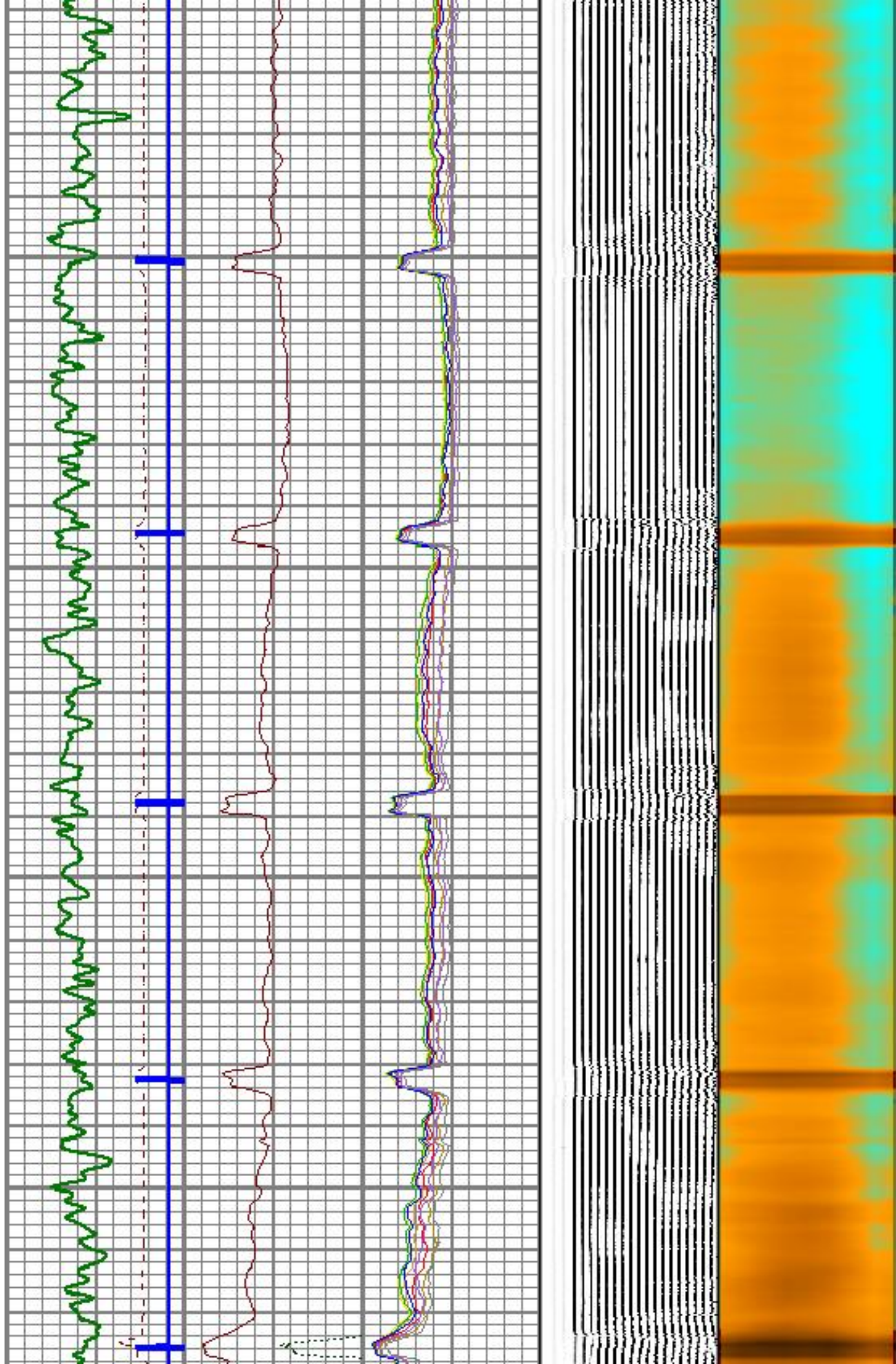
2500

2600



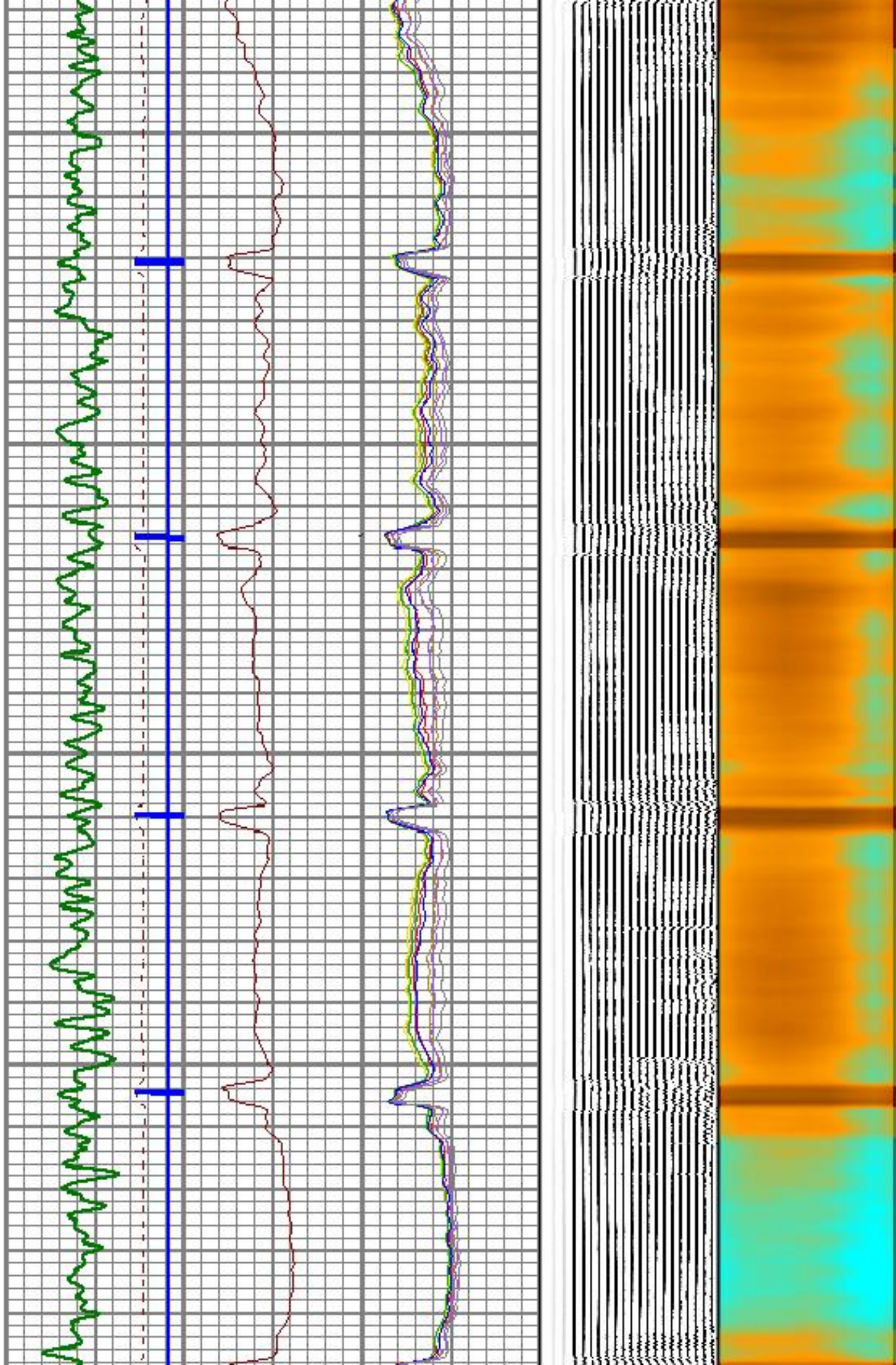
2700

2800



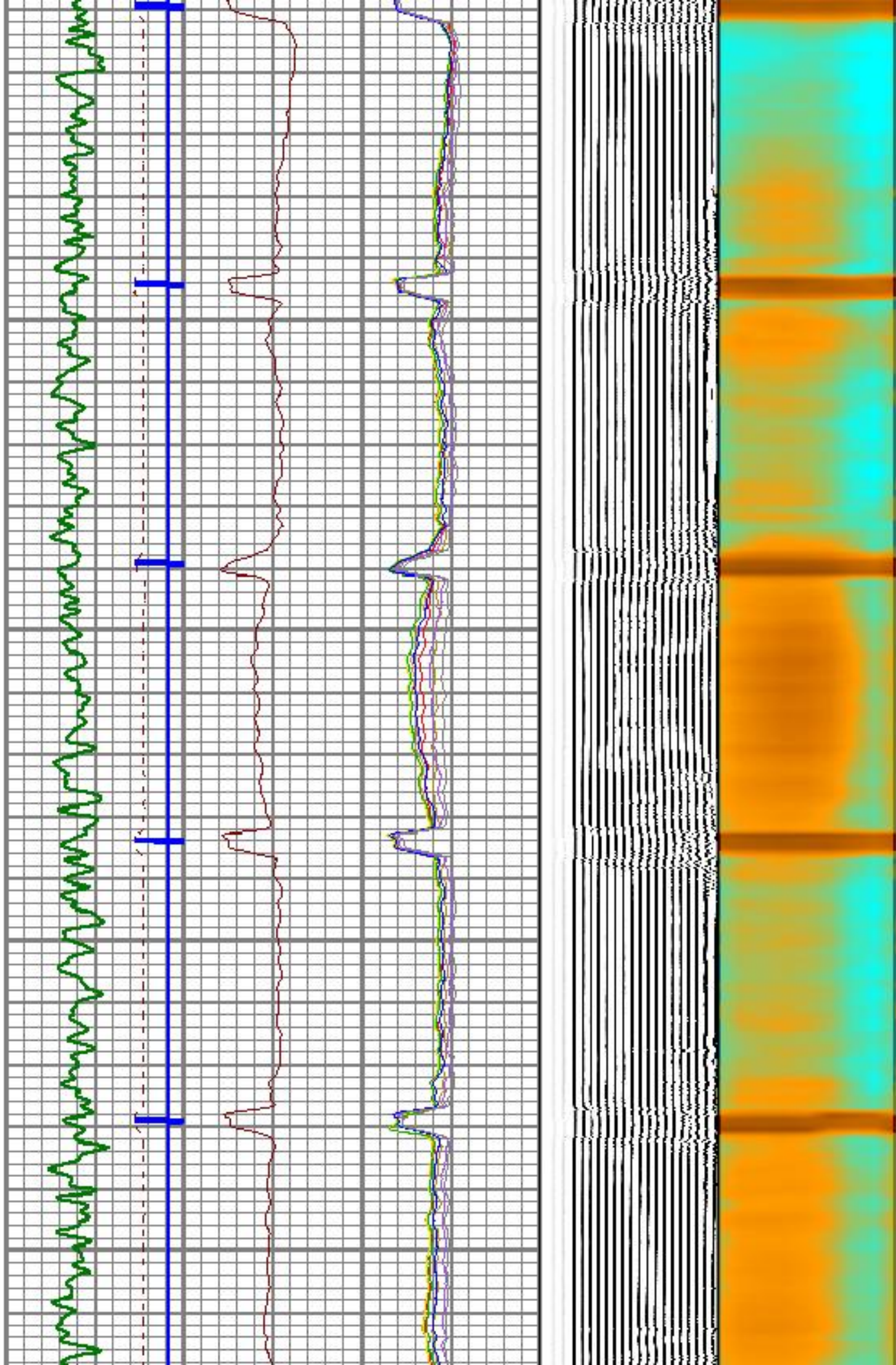
2900

3000



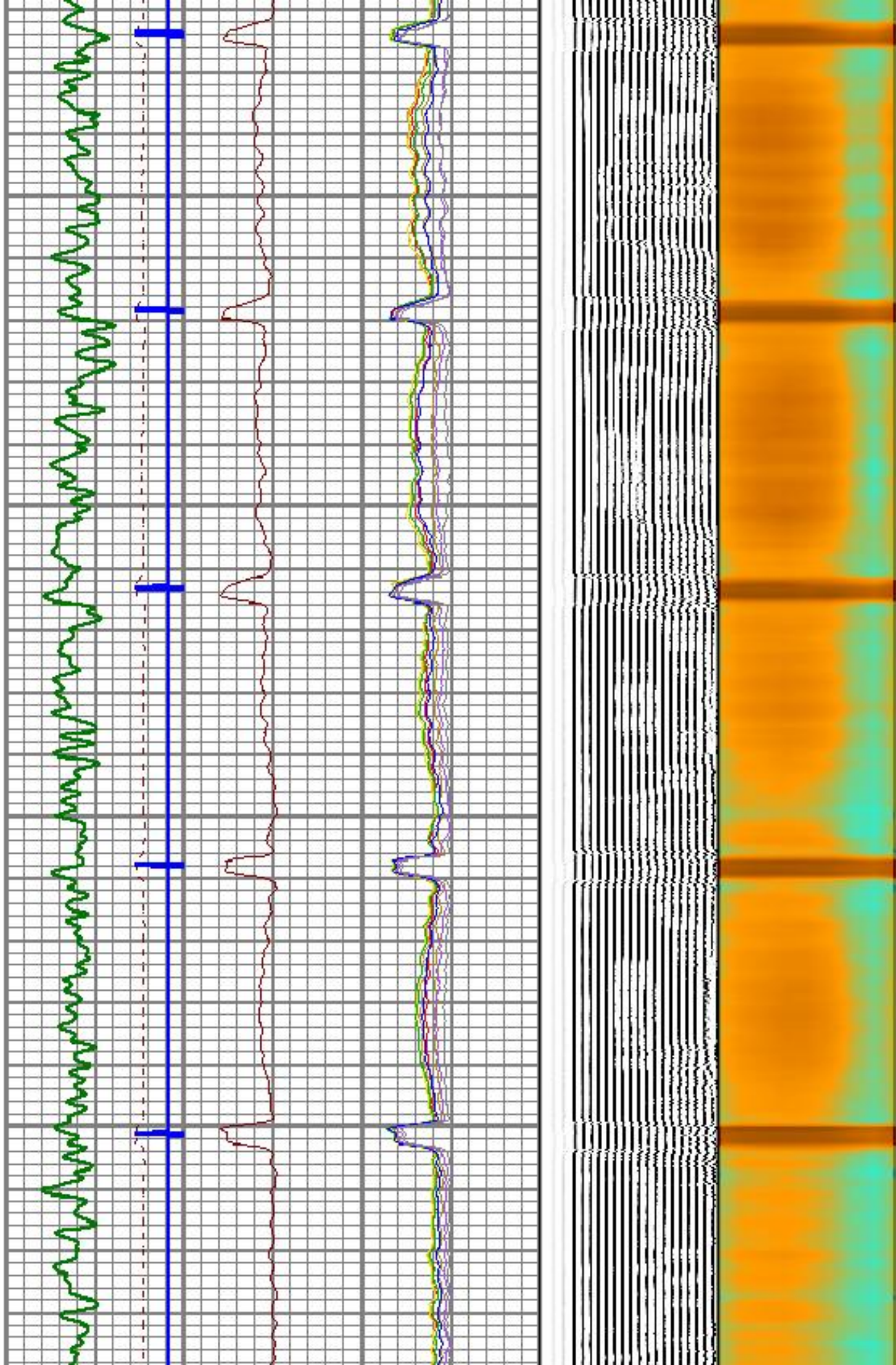
3100

3200



3300

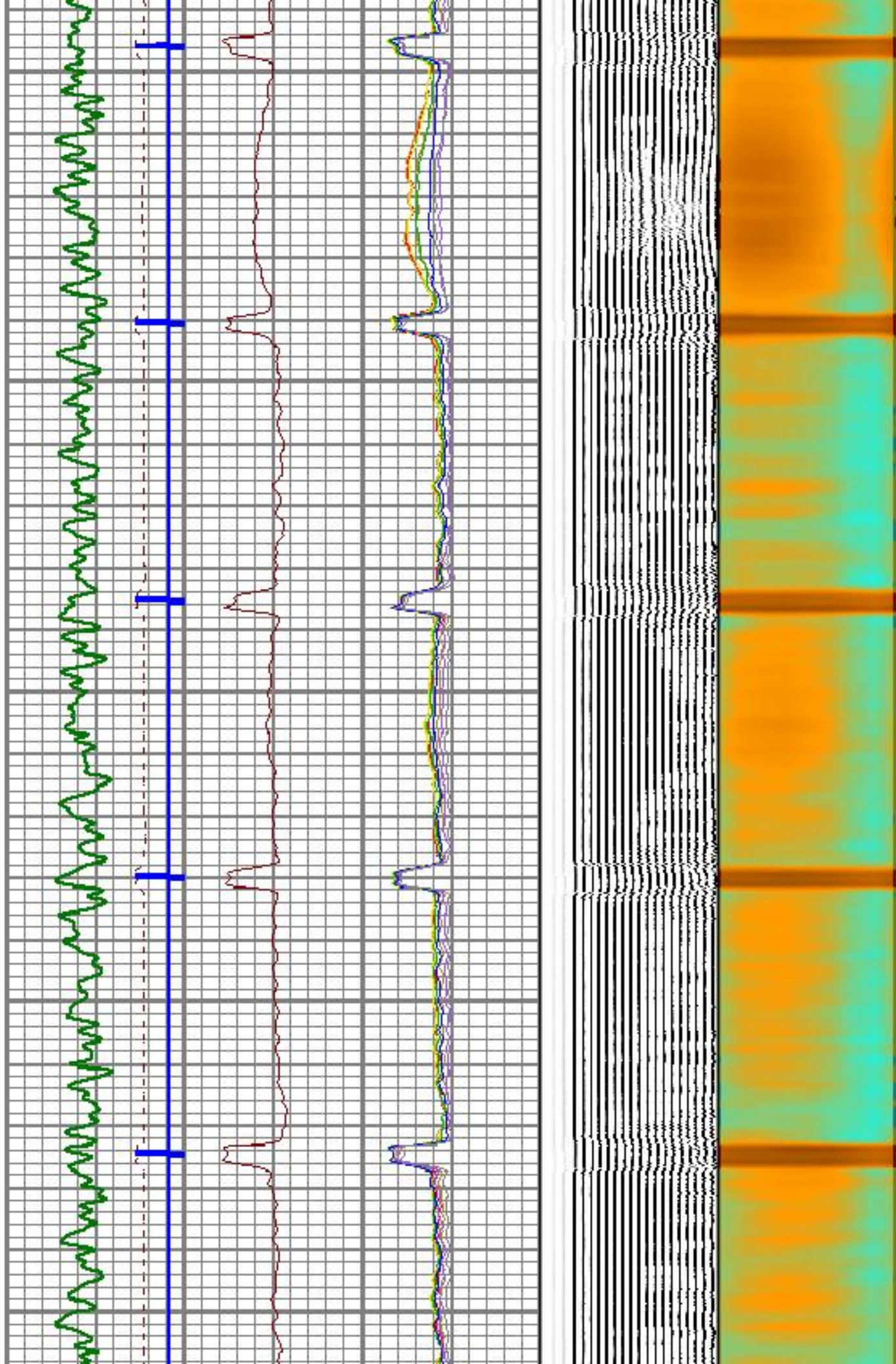
3400



3500

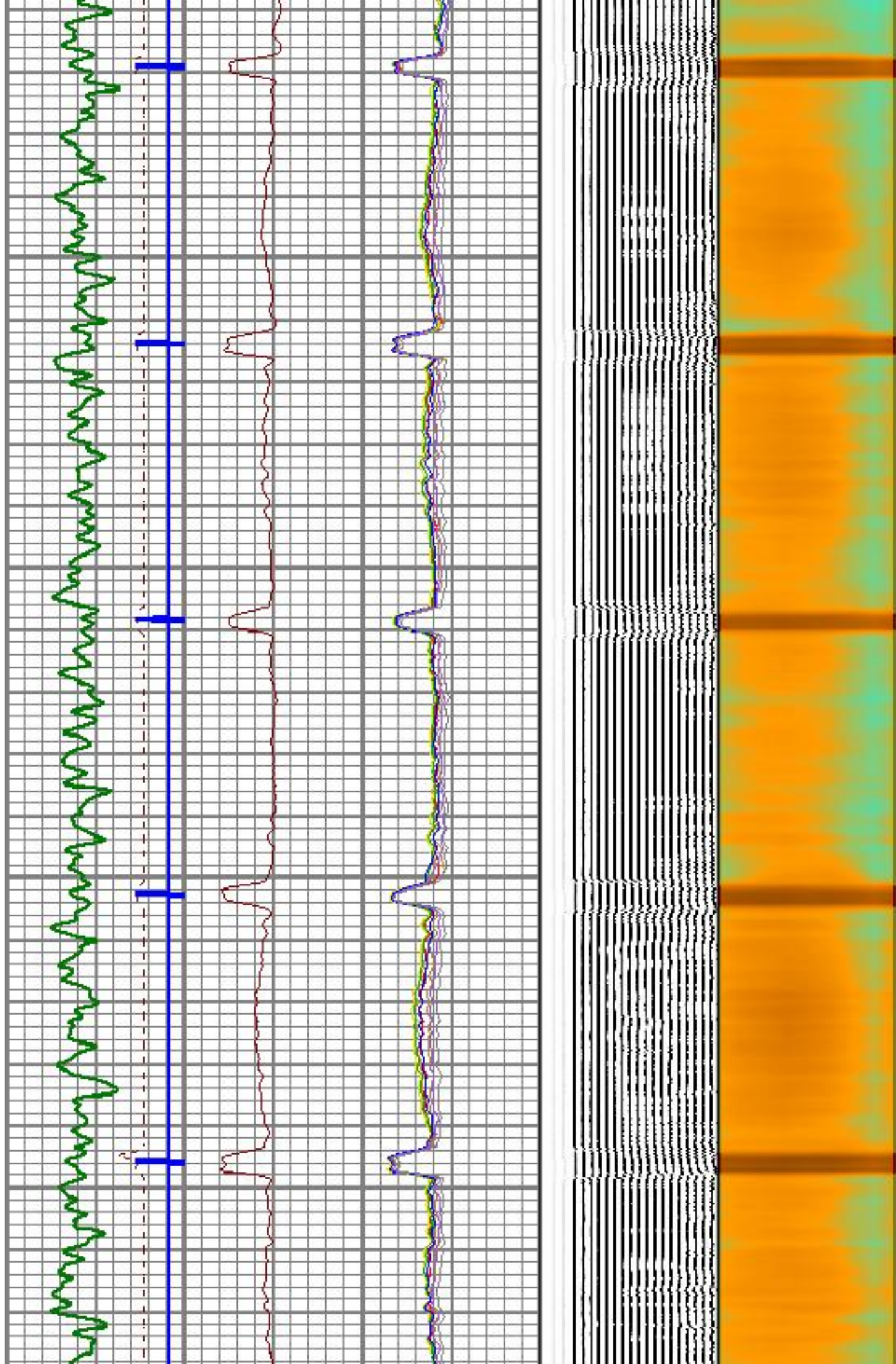
3600

3700



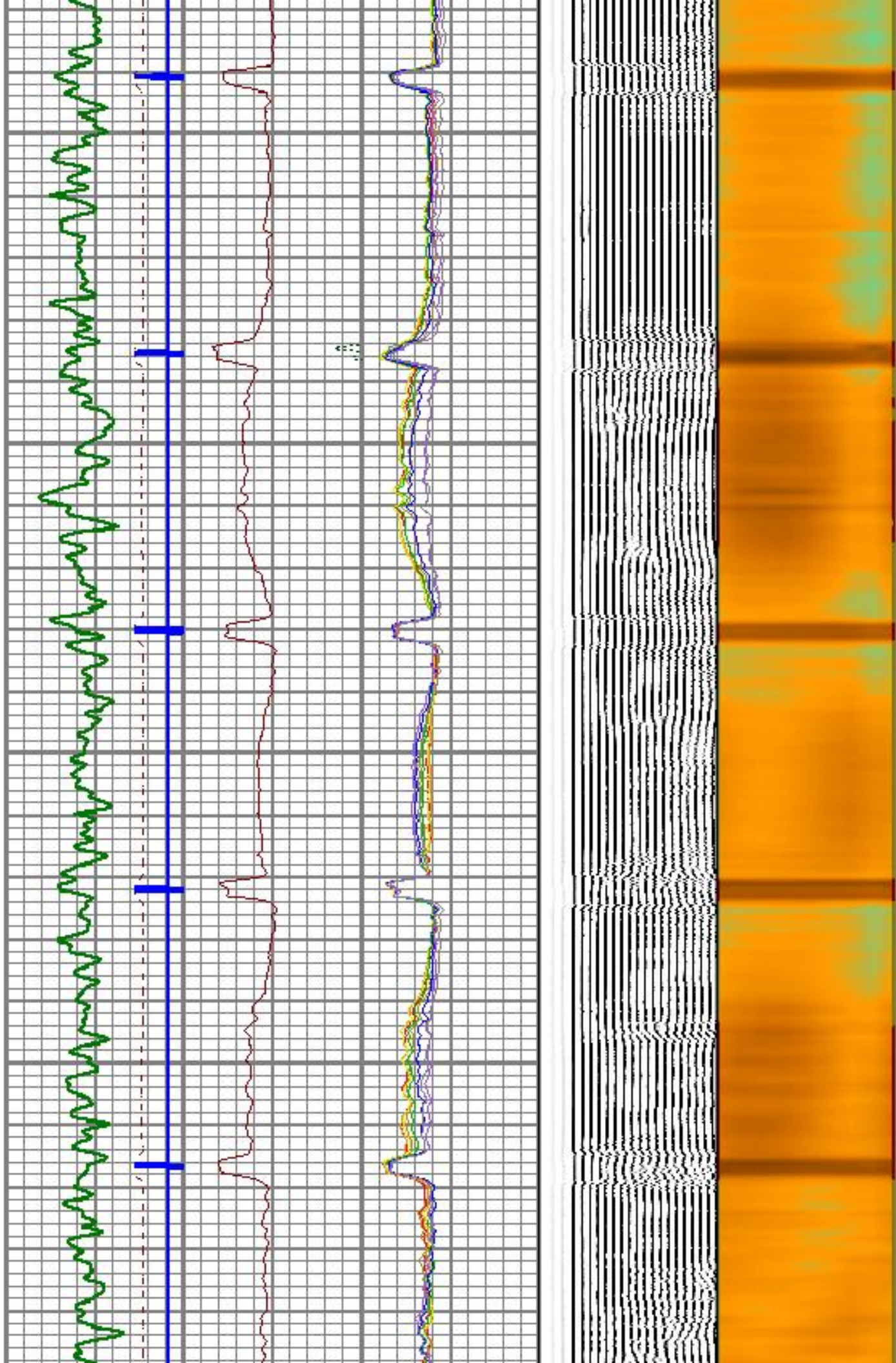
3800

3900



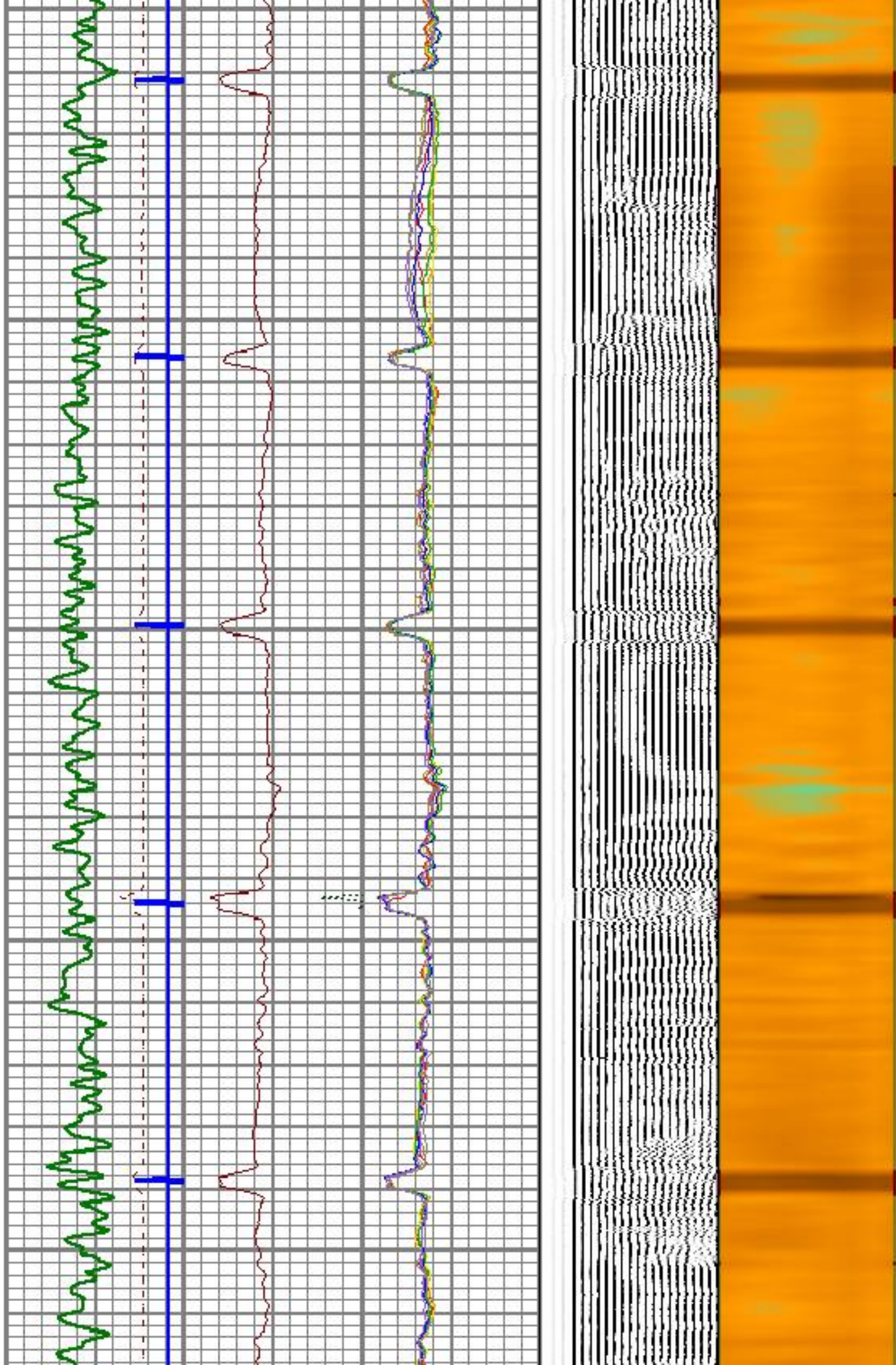
4000

4100



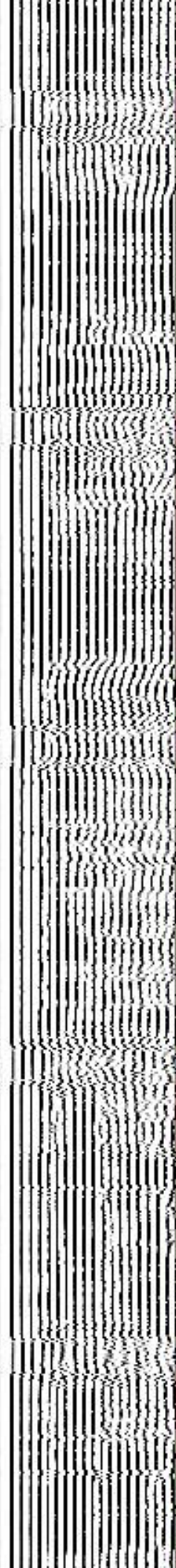
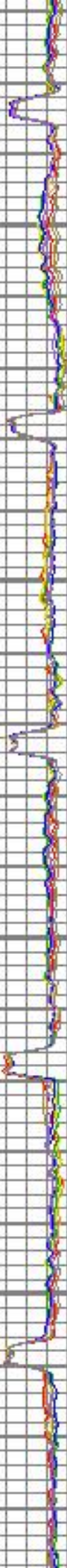
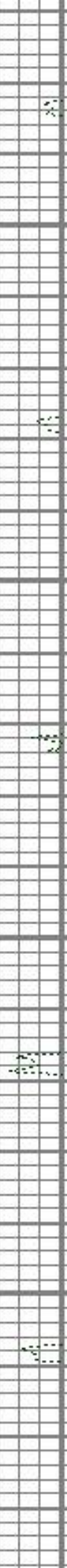
4200

4300



4400

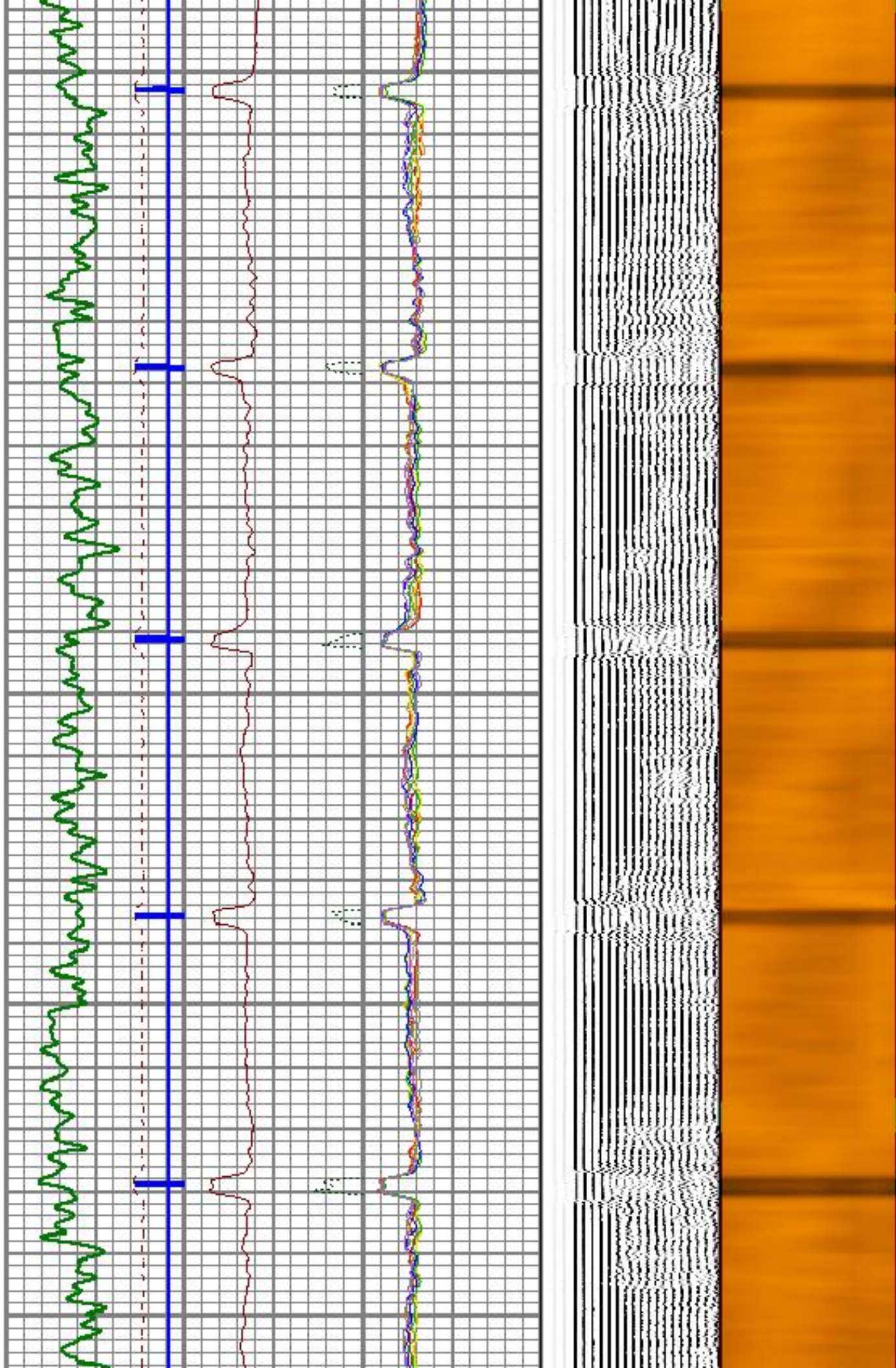
4500



4600

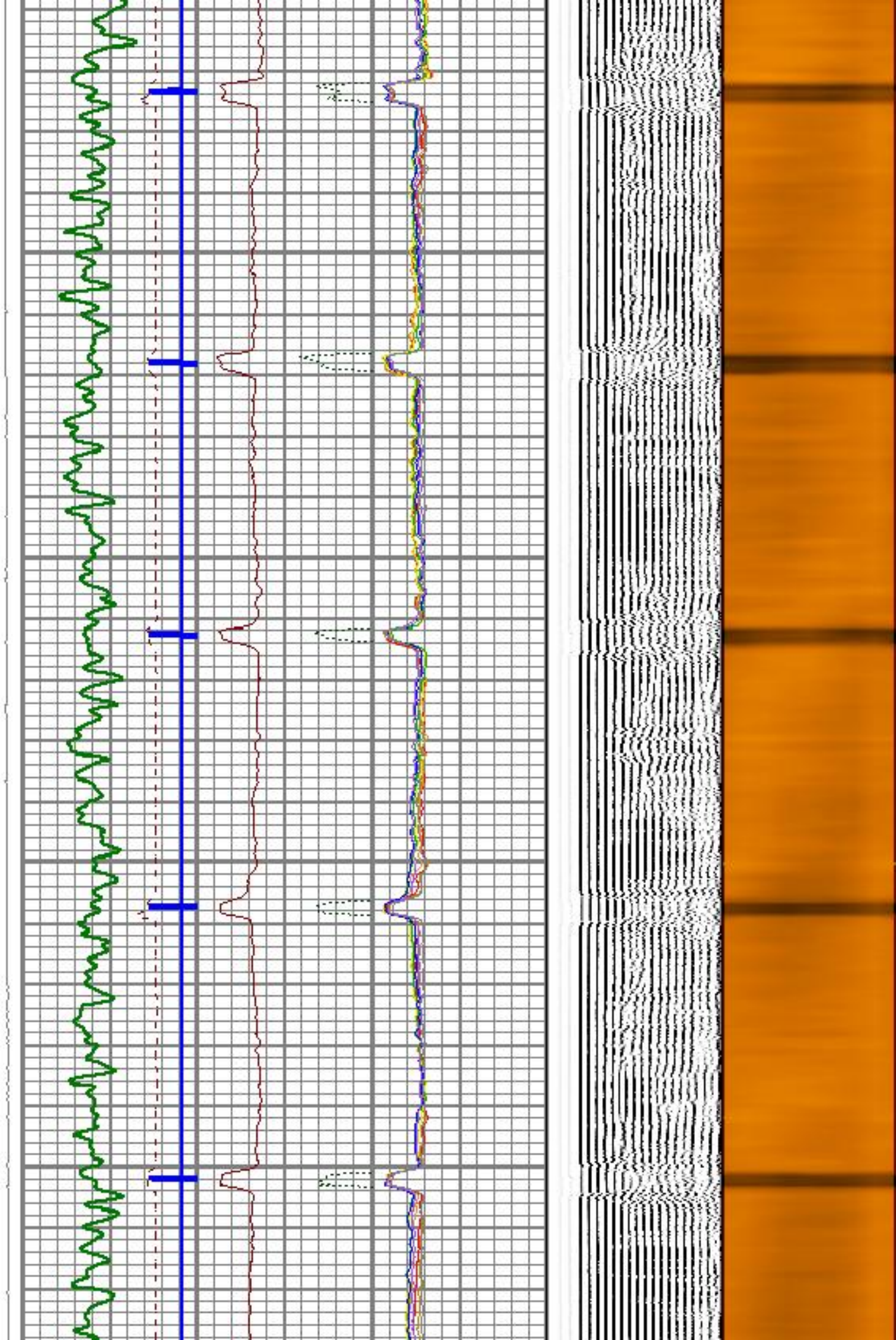
4700

4800



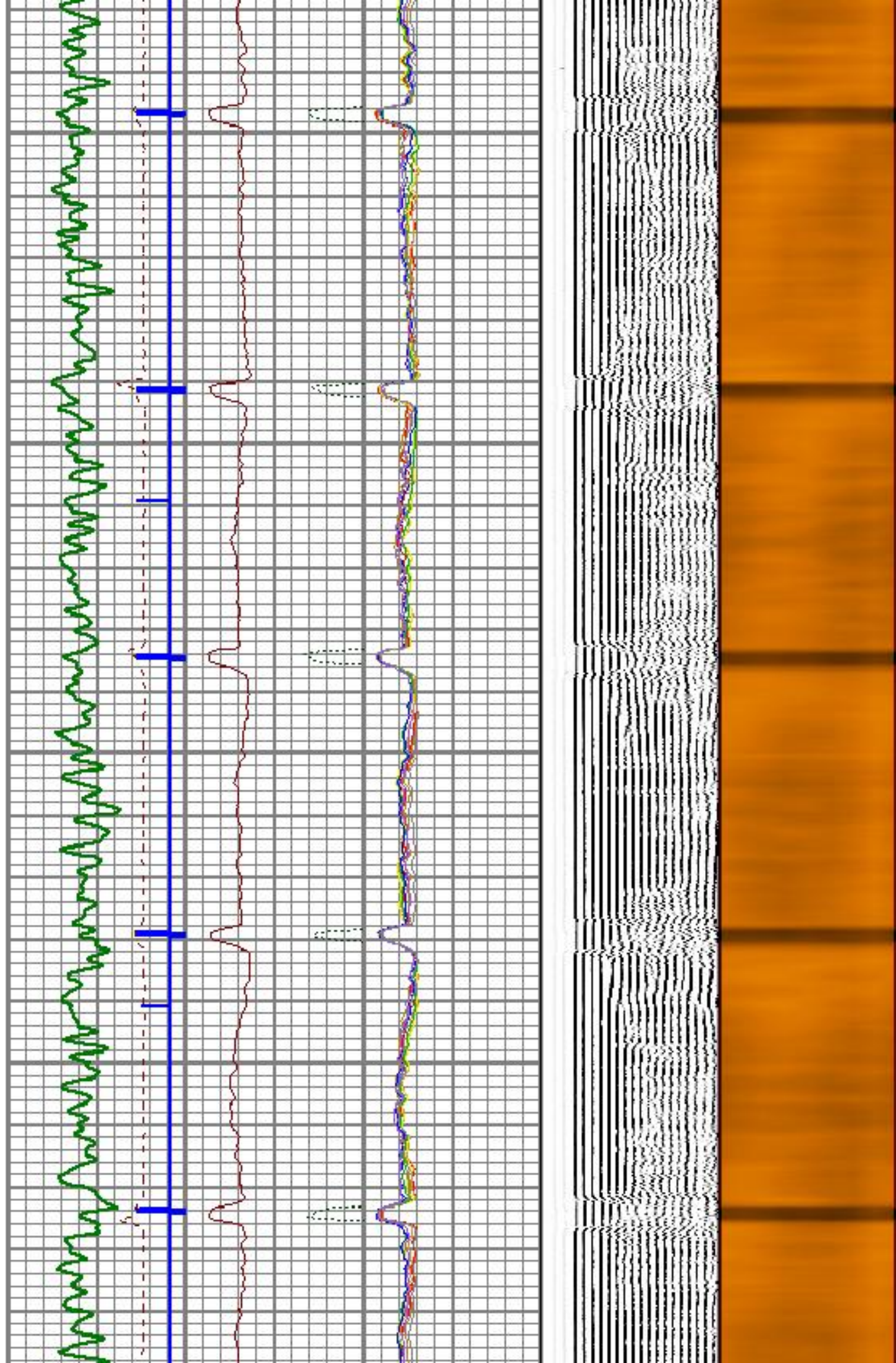
4900

5000



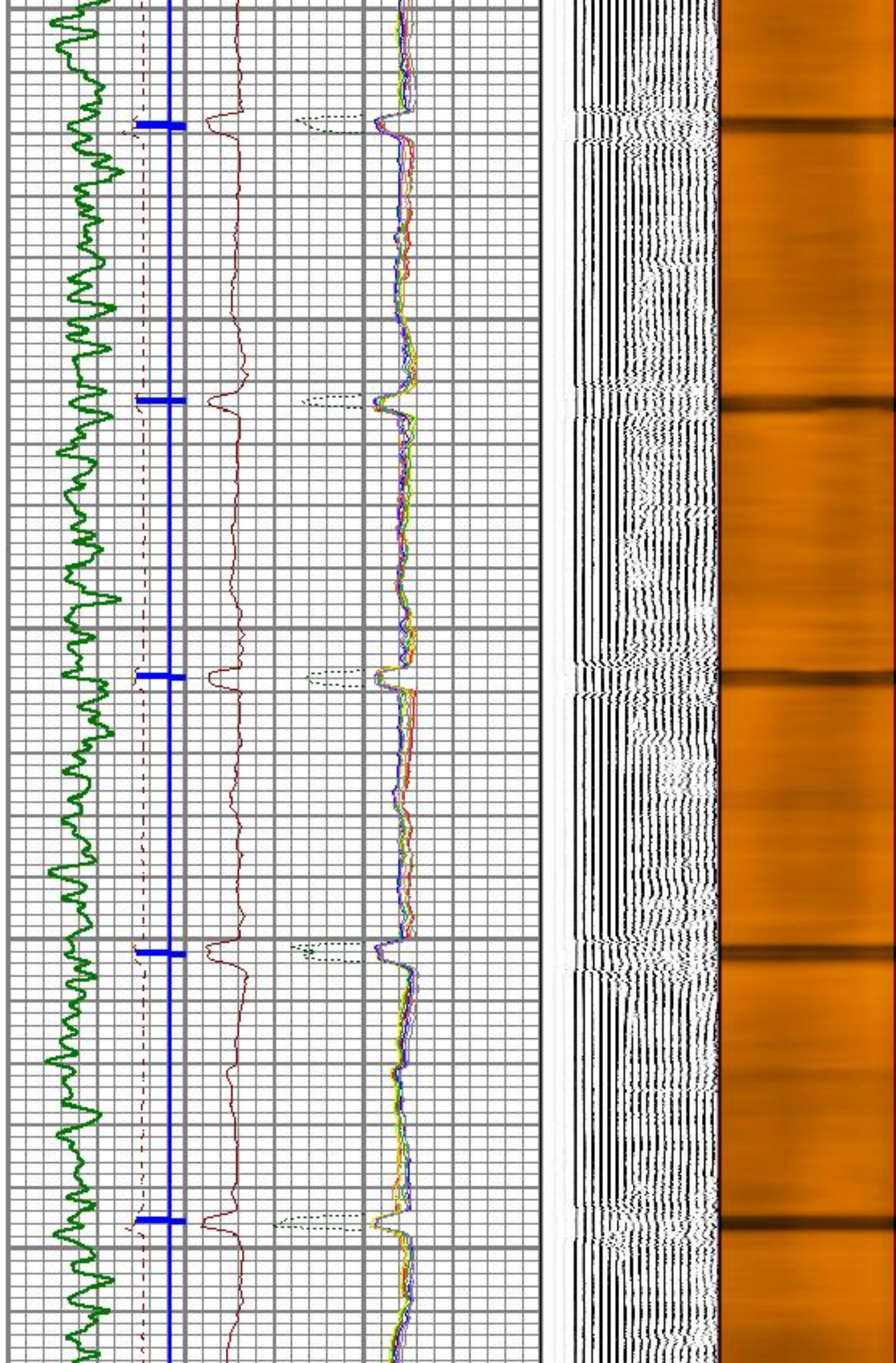
5100

5200



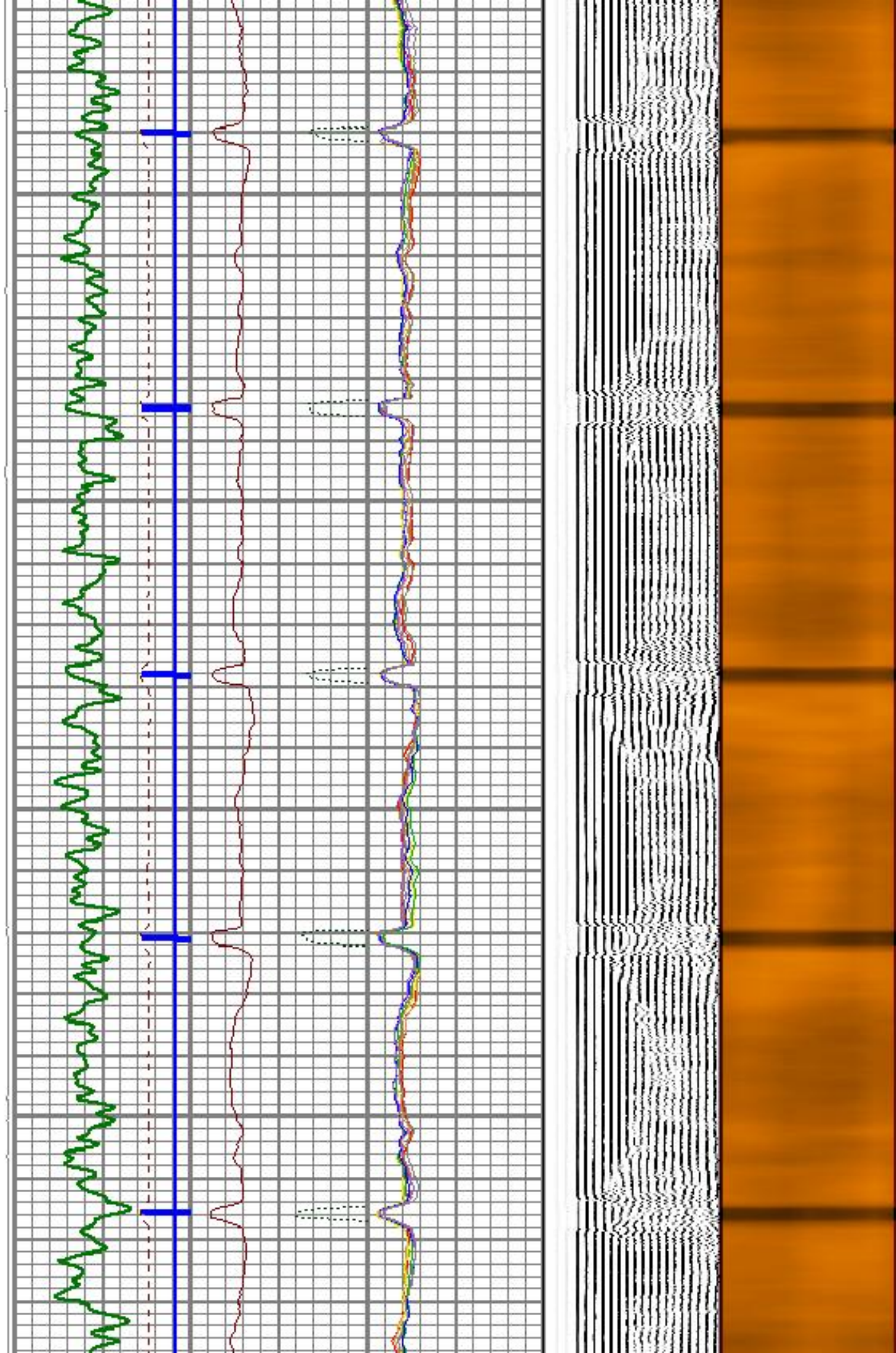
5300

5400



5500

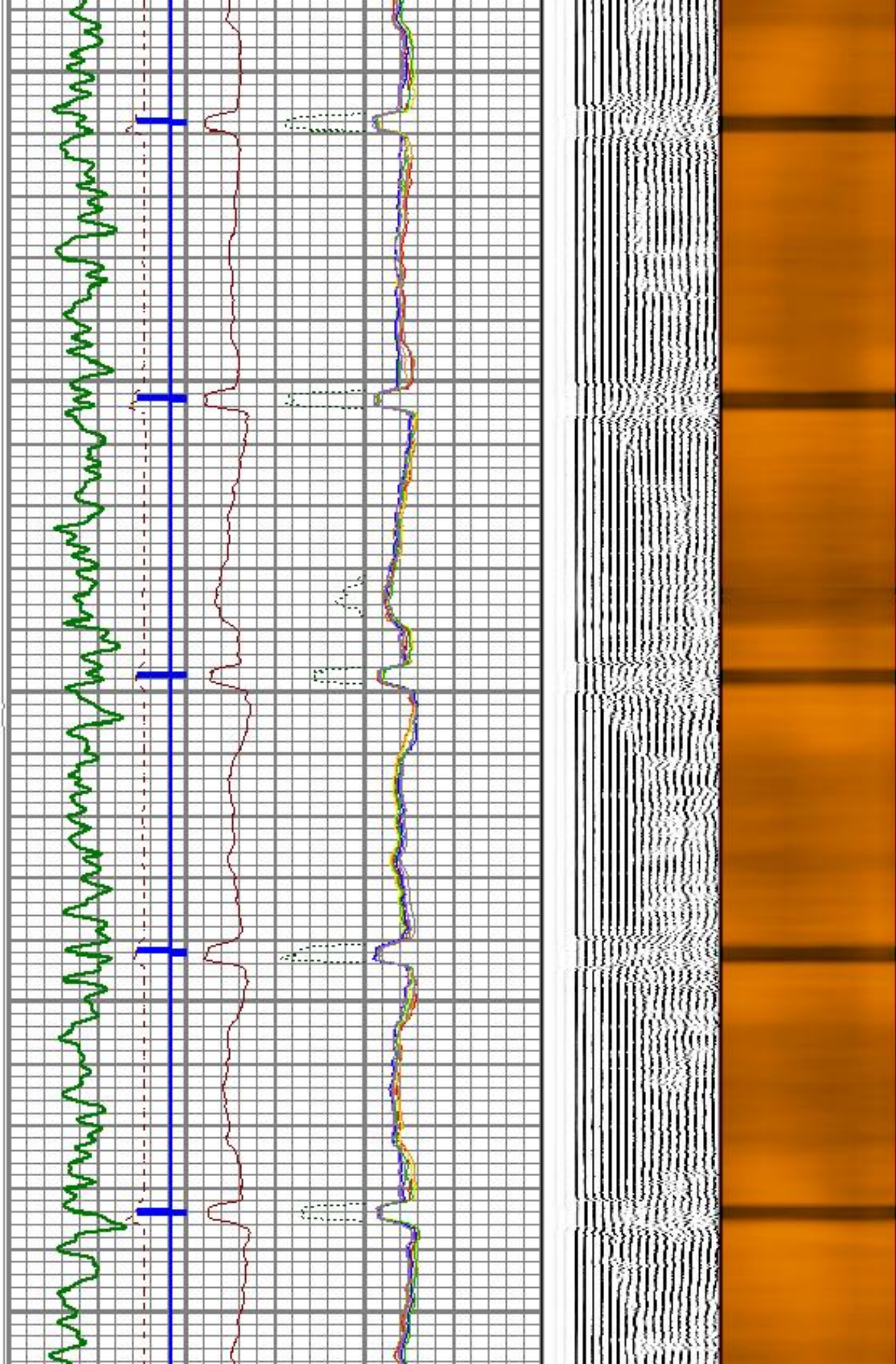
5600



5700

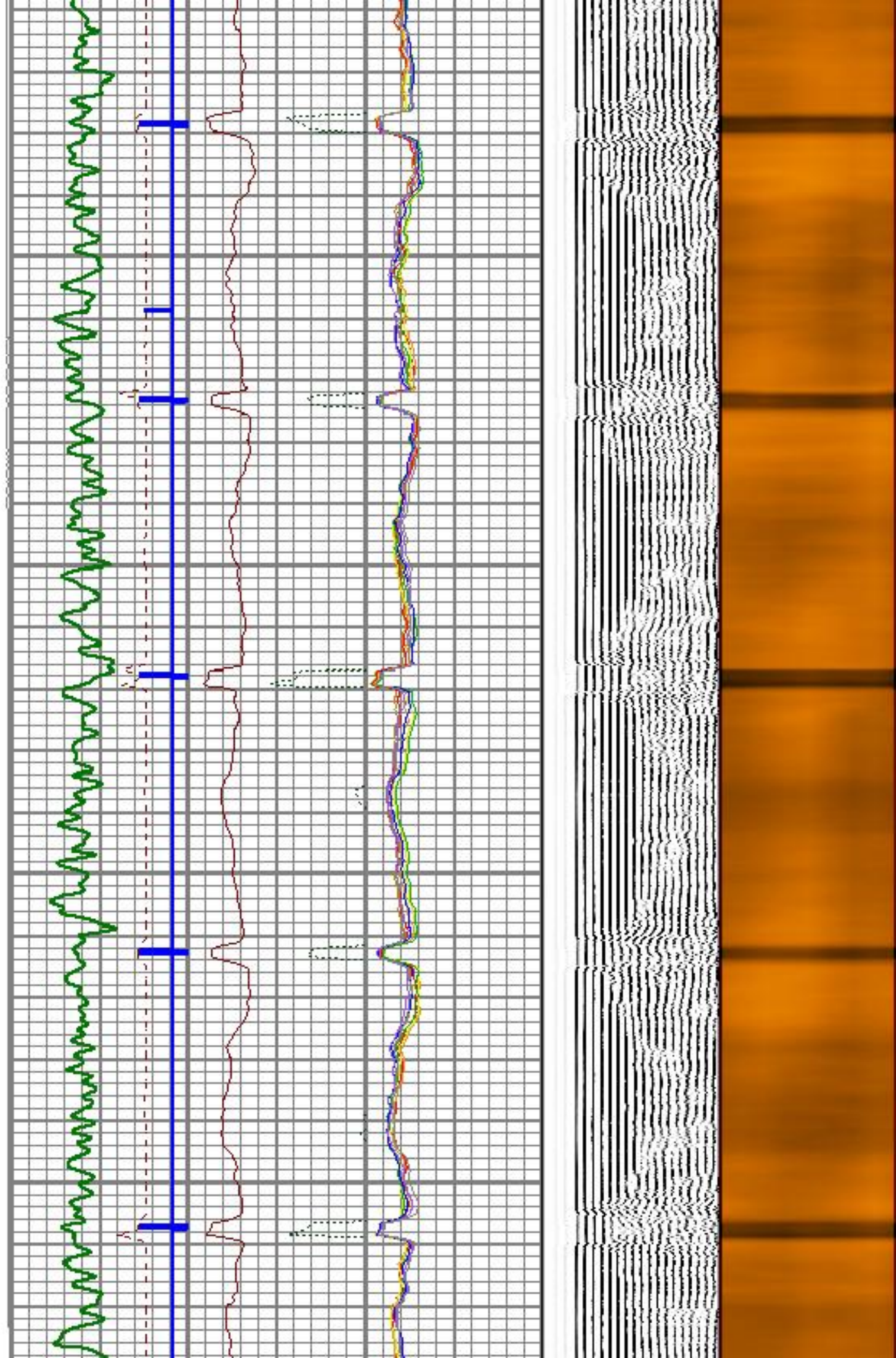
5800

5900



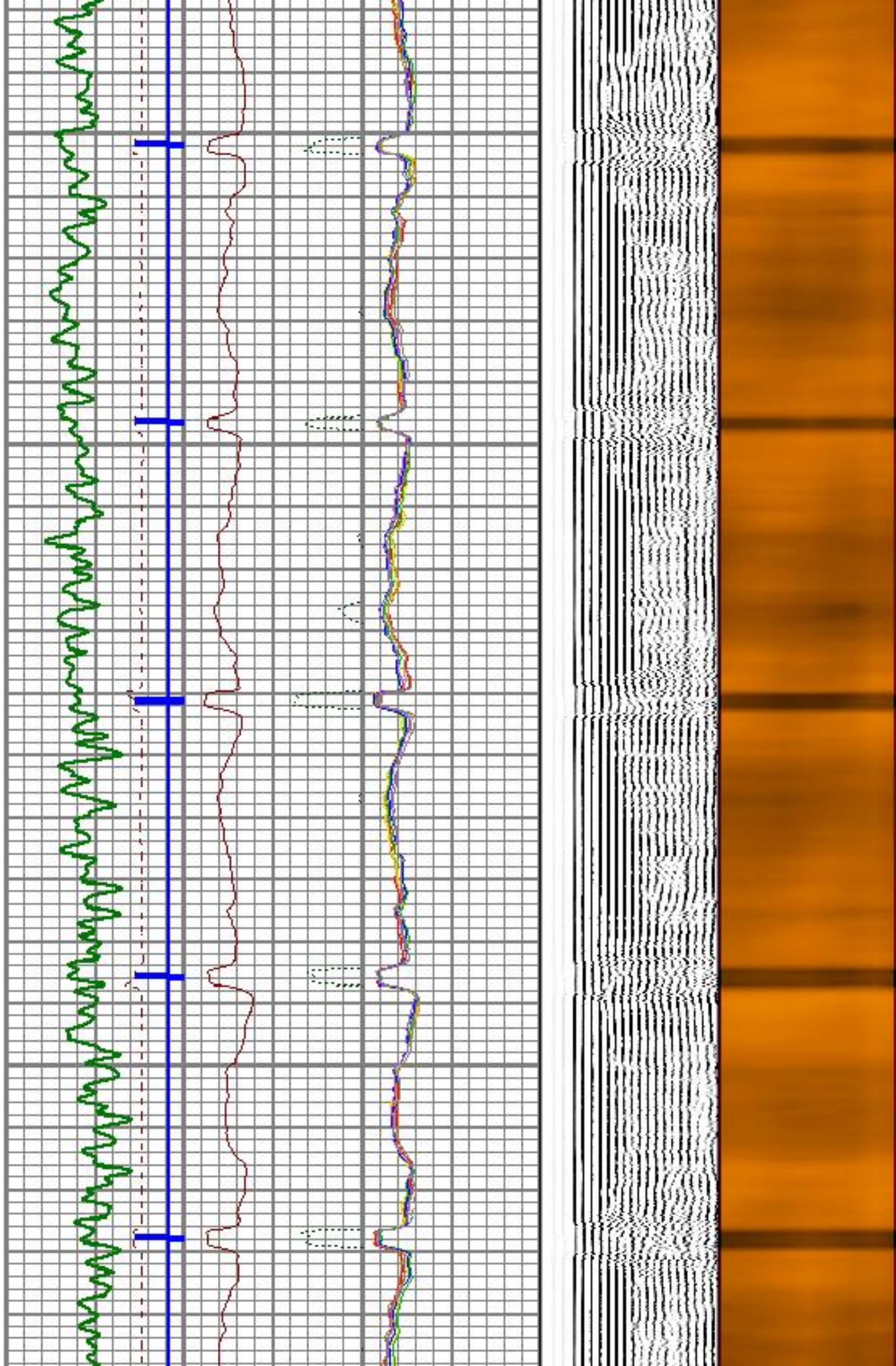
6000

6100



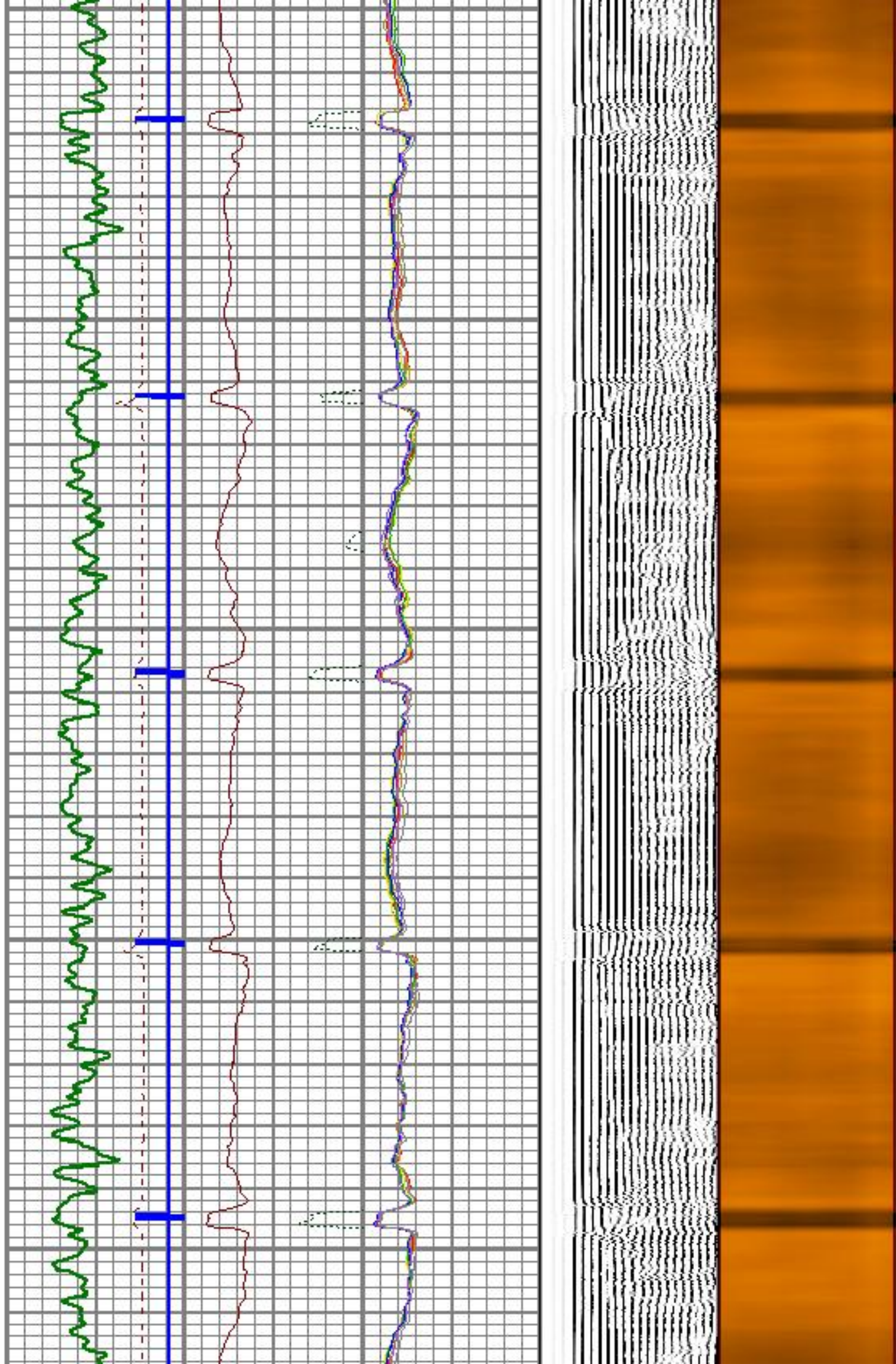
6200

6300



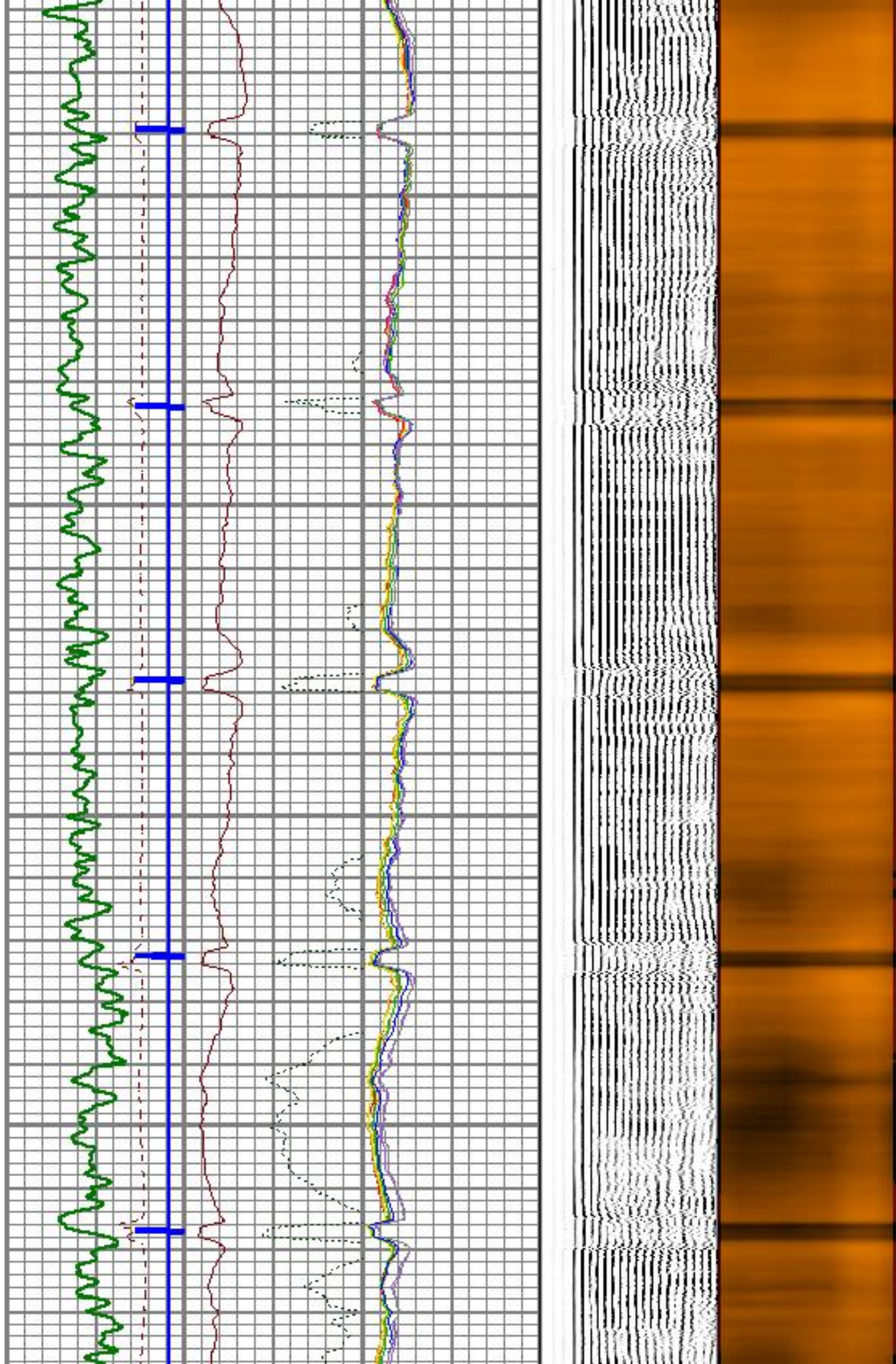
6400

6500



6600

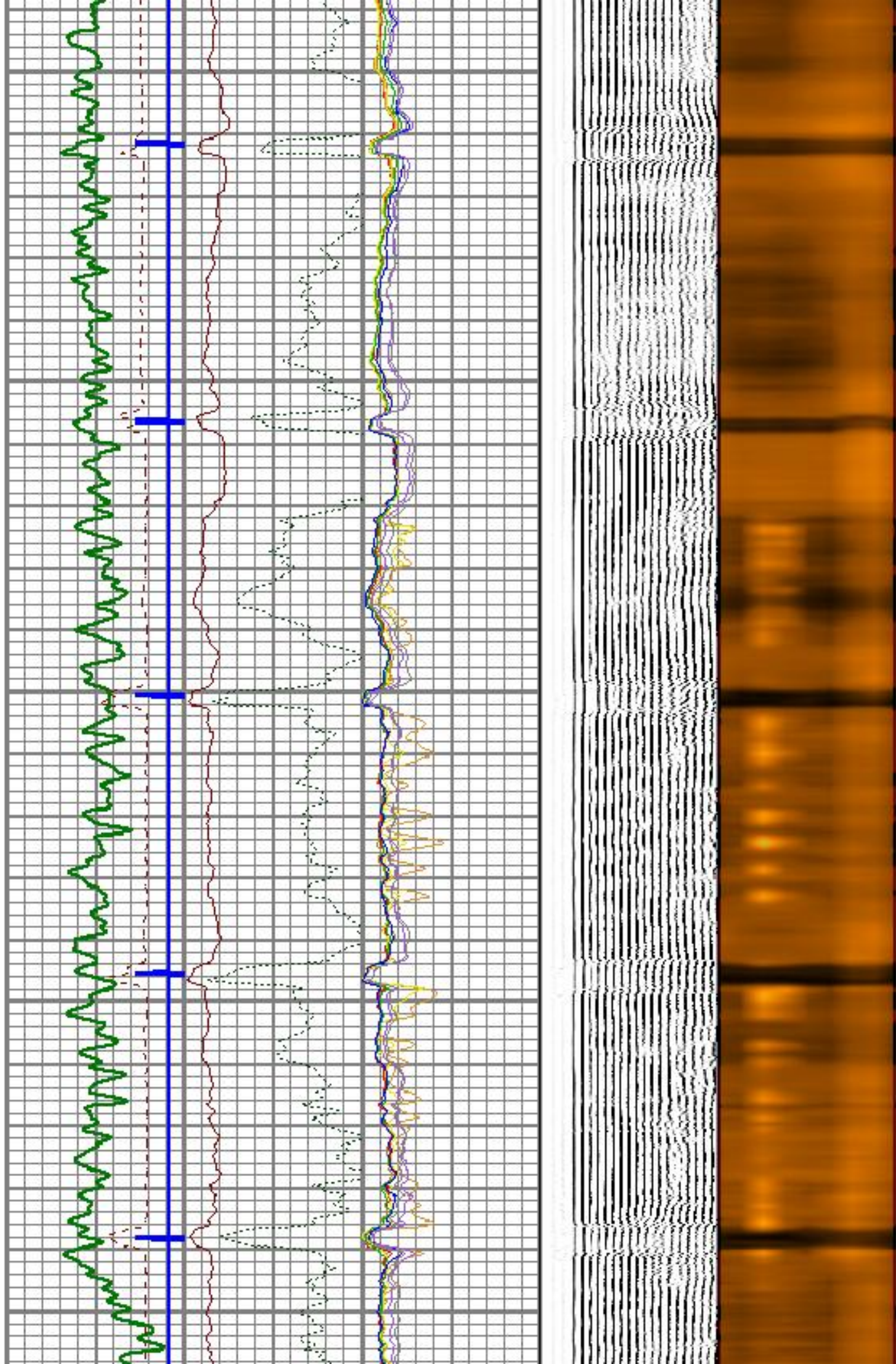
6700



6800

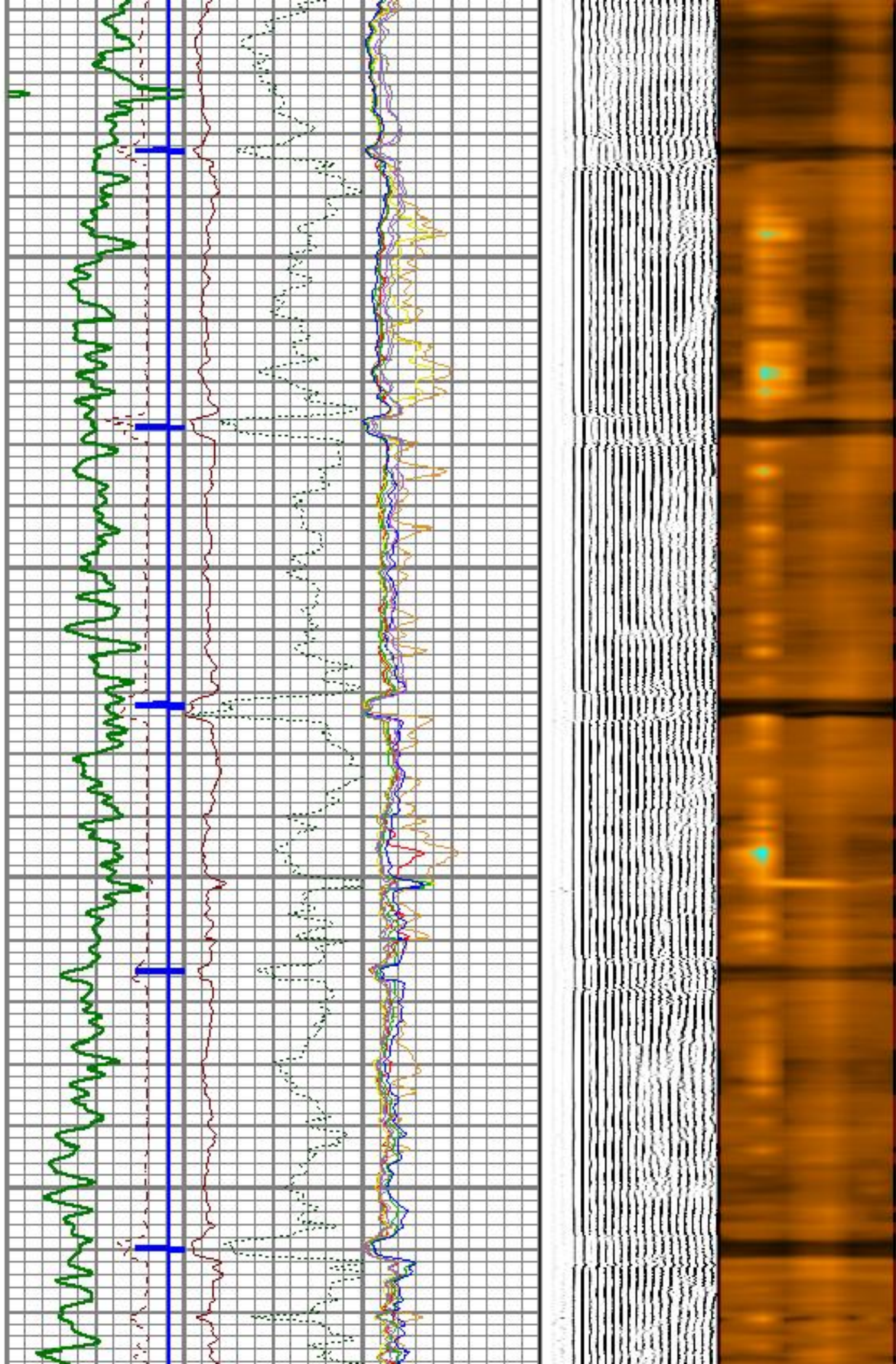
6900

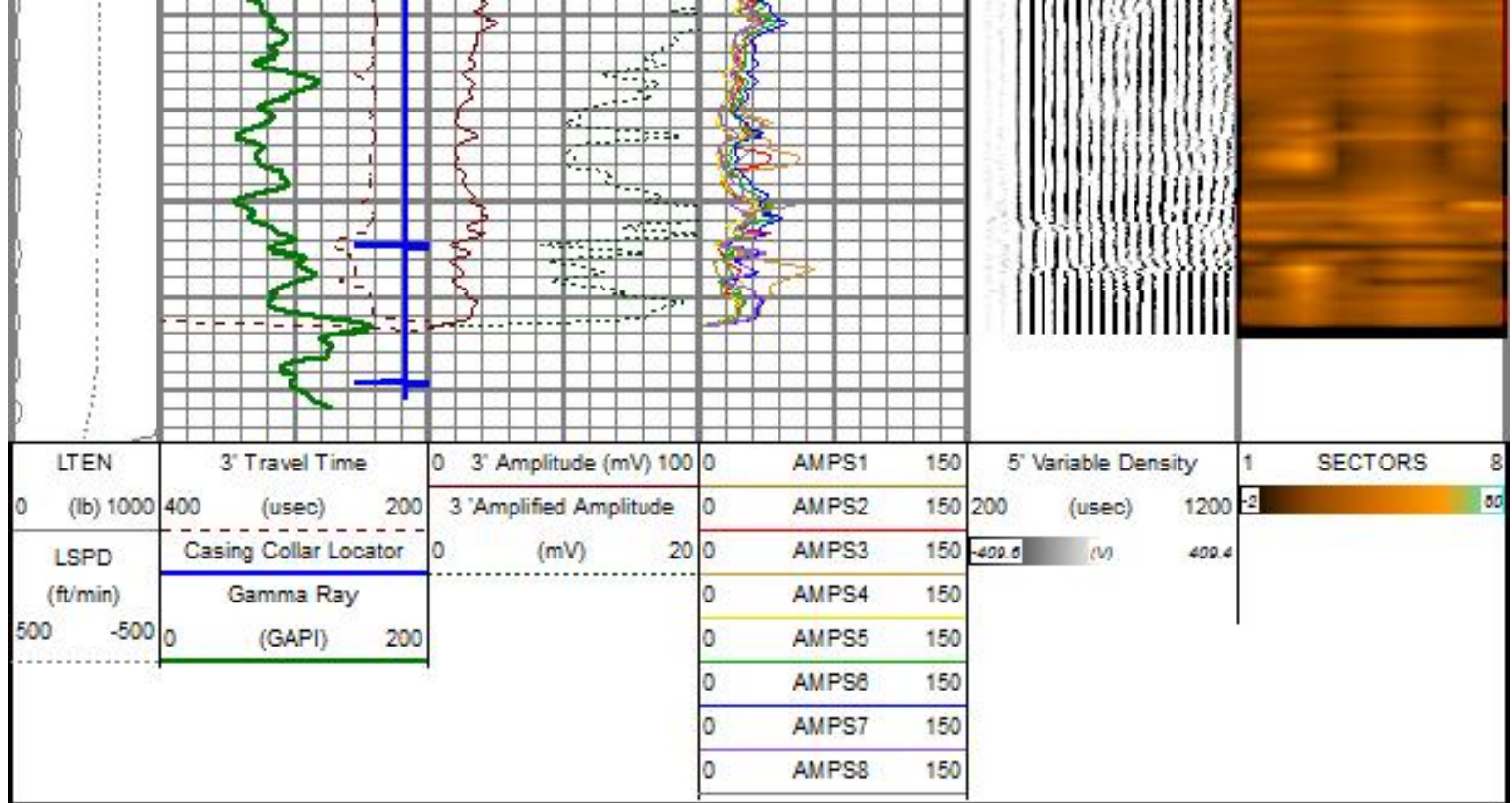
7000



7100

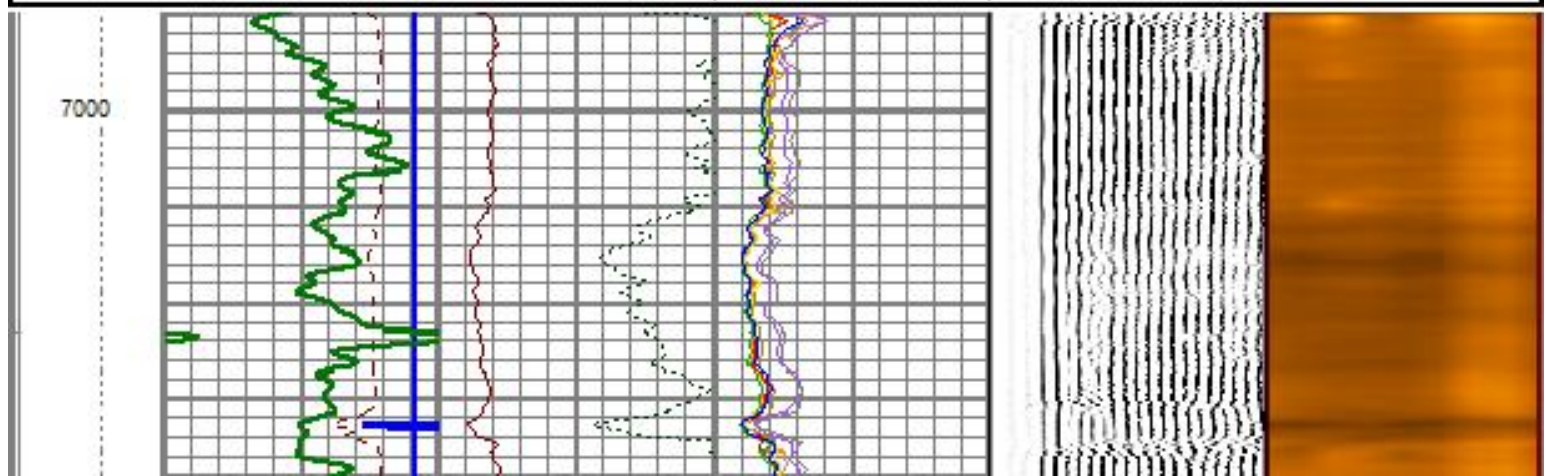
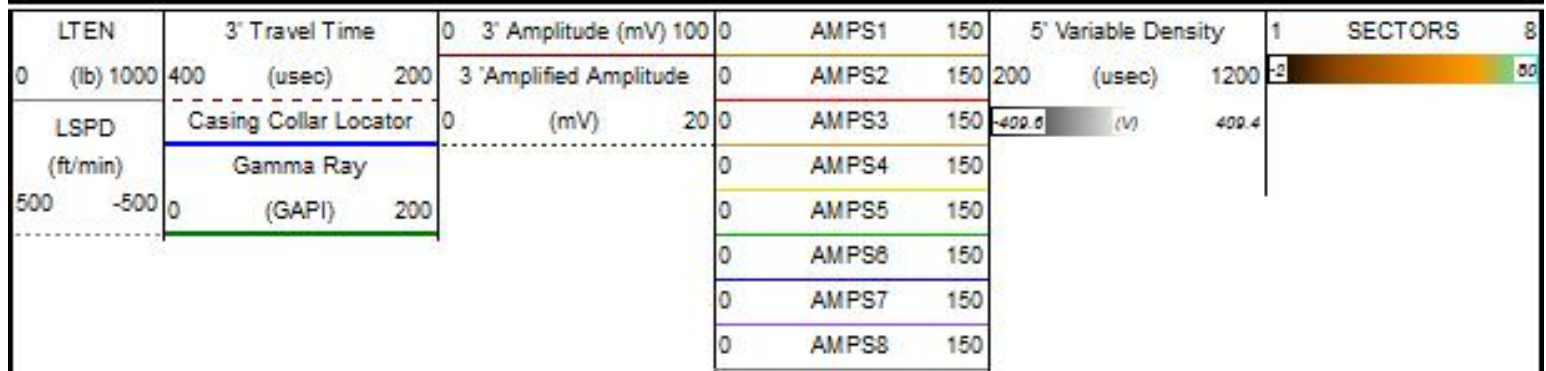
7200





REPEAT SECTION

Database File 90688_highpoint_grinde_rcbl.db
 Dataset Pathname pass2
 Presentation Format rbl_all_8_2020
 Dataset Creation Sat Jan 11 12:19:48 2020
 Charted by Depth in Feet scaled 1:240



7100

7200

