

Comments

Log Correlated to Marker Joint at (5,060' - 5,070')
Depth Correction +5

Main Pass 1500 PSI
Repeat Pass 0 PSI

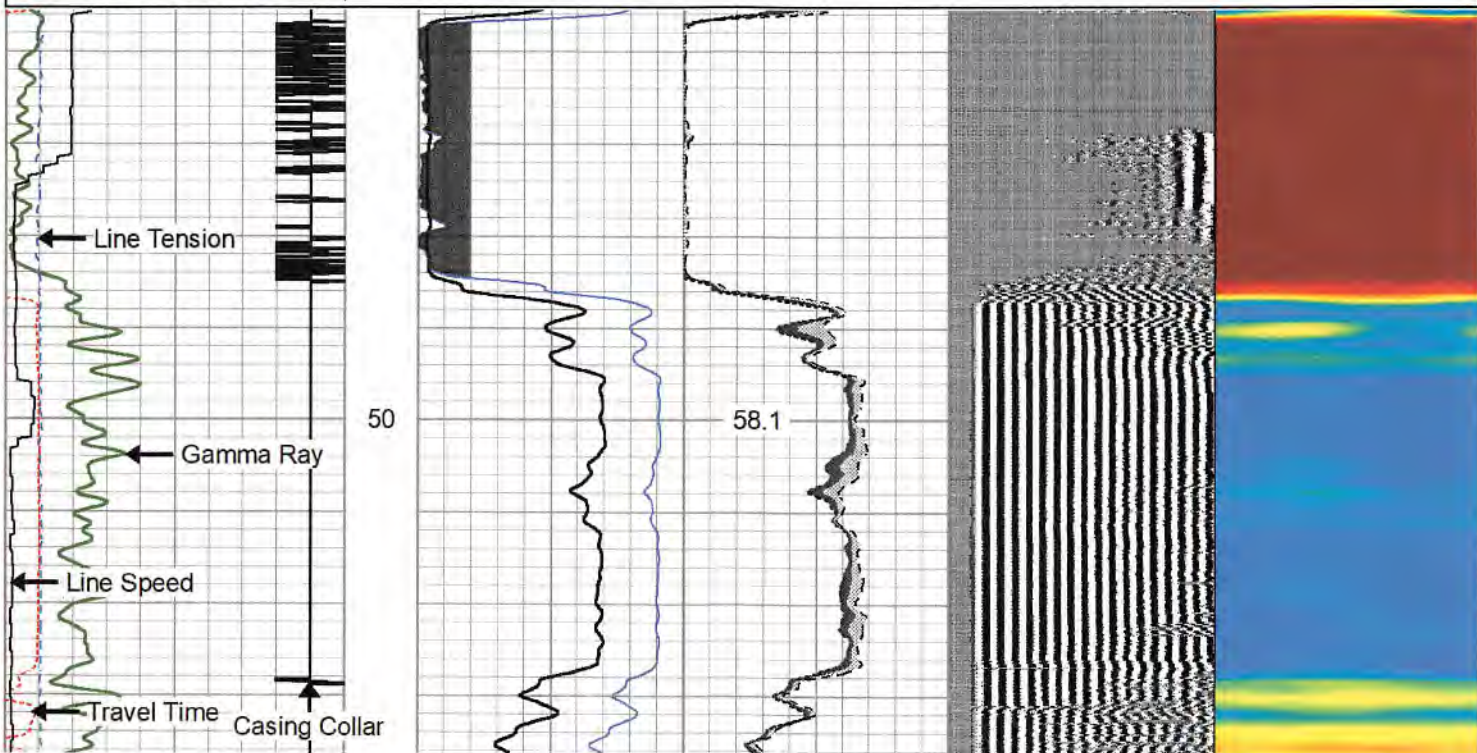
Thank You For Choosing Nine Energy Service Wireline.Charleroi,PA

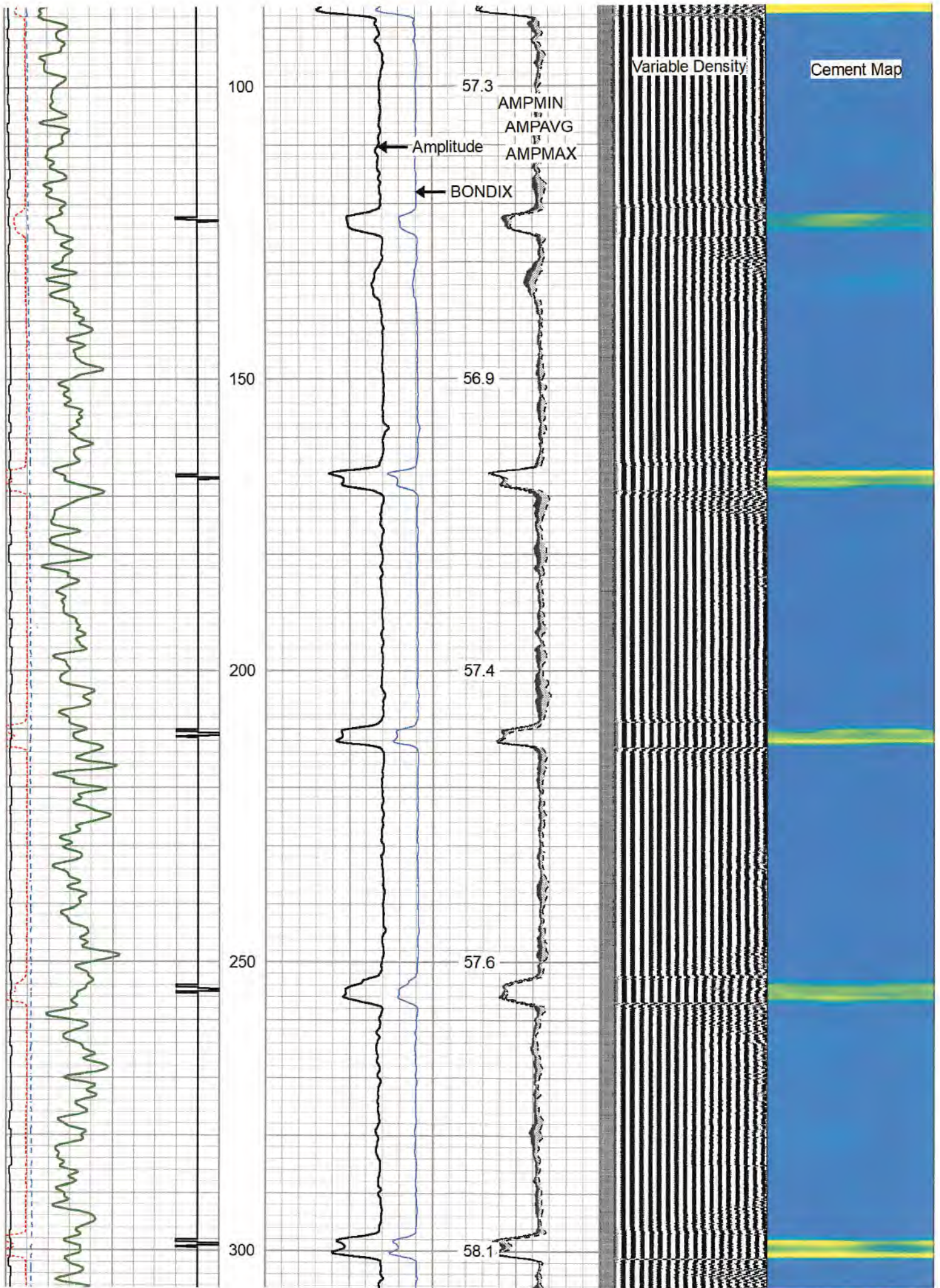


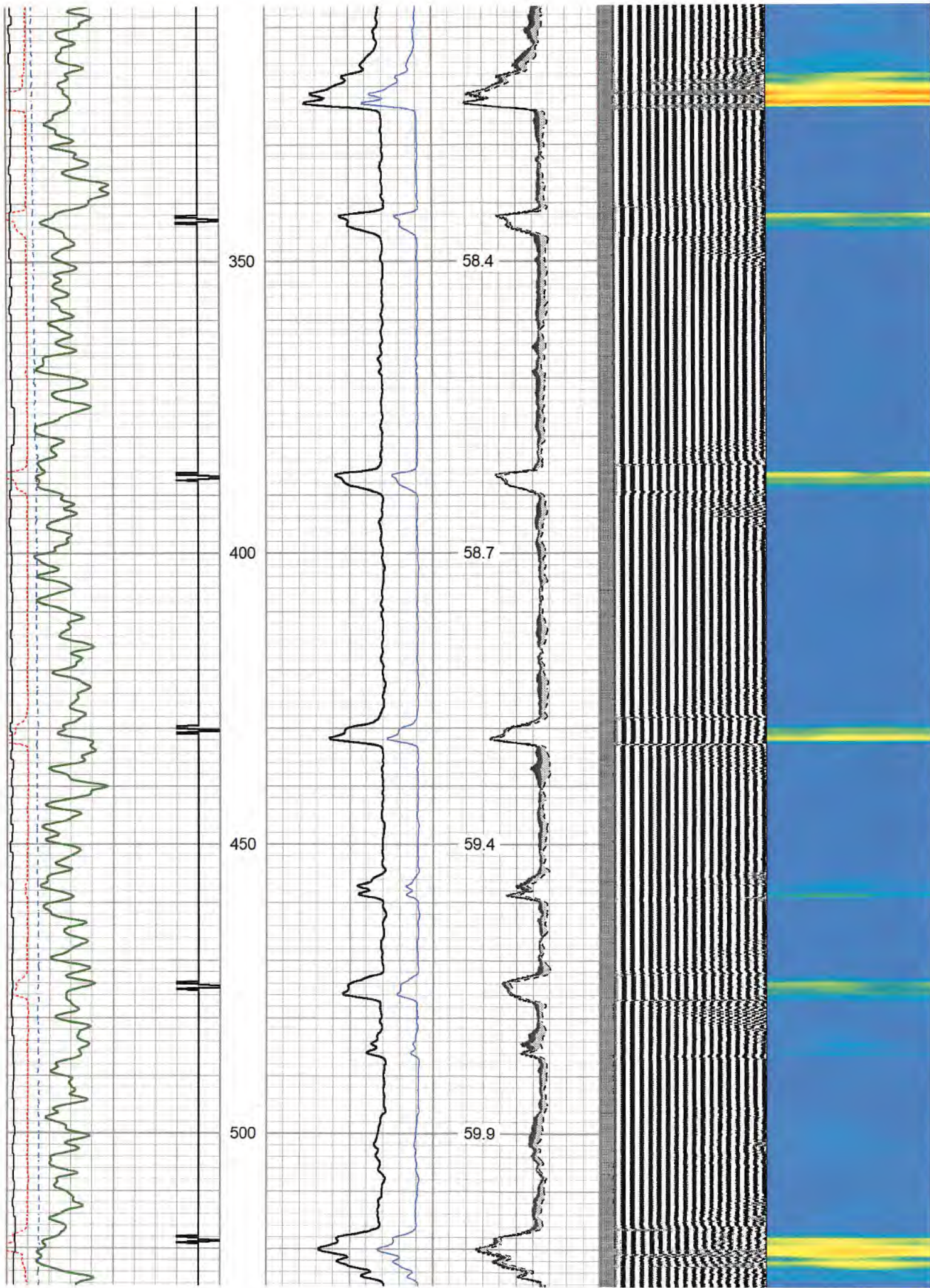
Main Pass 1500 PSI

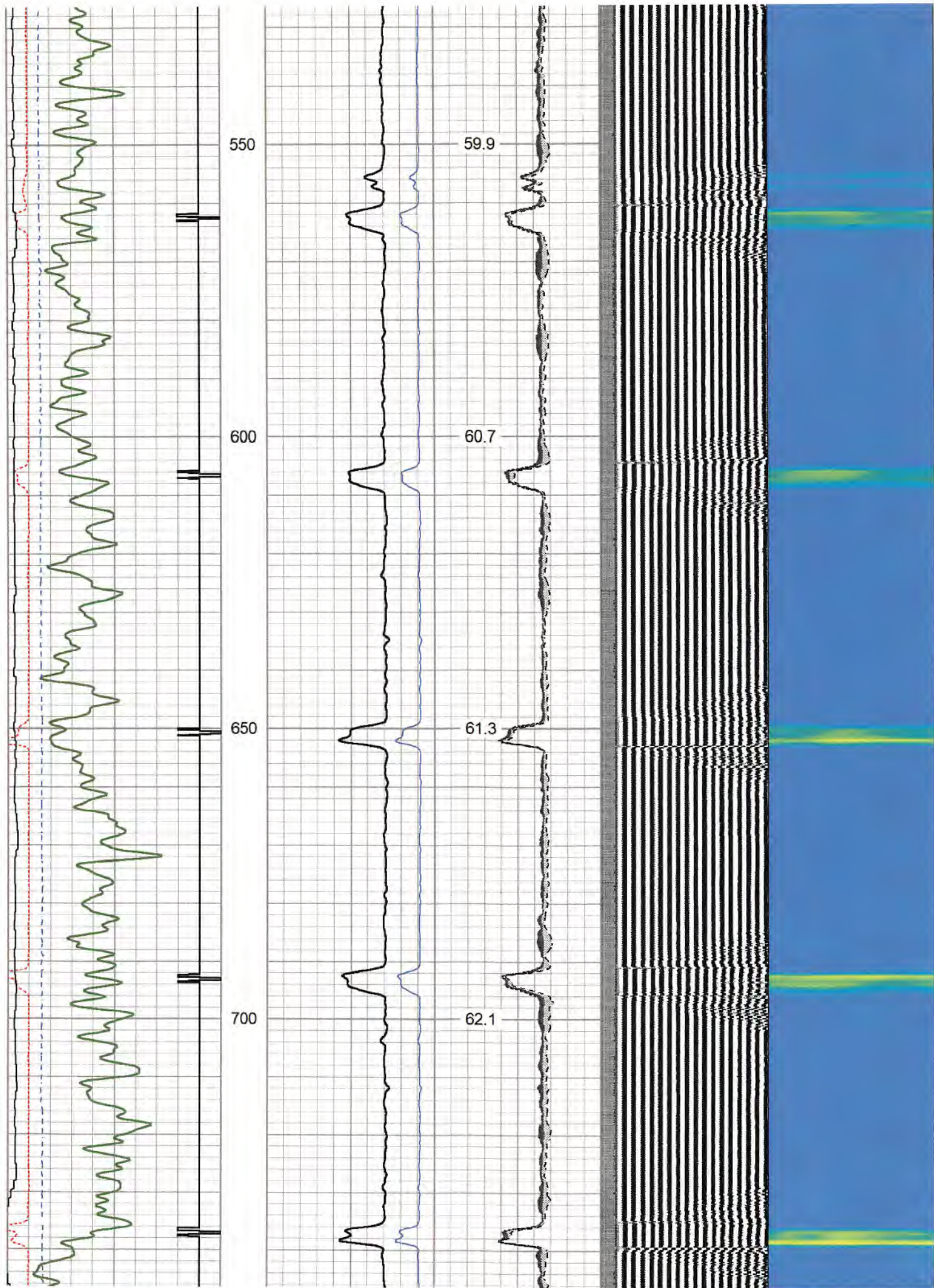
Database File antero_martindill_2h_rcbl_01_april_2023.db
Dataset Pathname pass4
Presentation Format rcbl-bond index for antero 1020
Dataset Creation Sat Apr 01 17:03:35 2023
Charted by Depth in Feet scaled 1:240

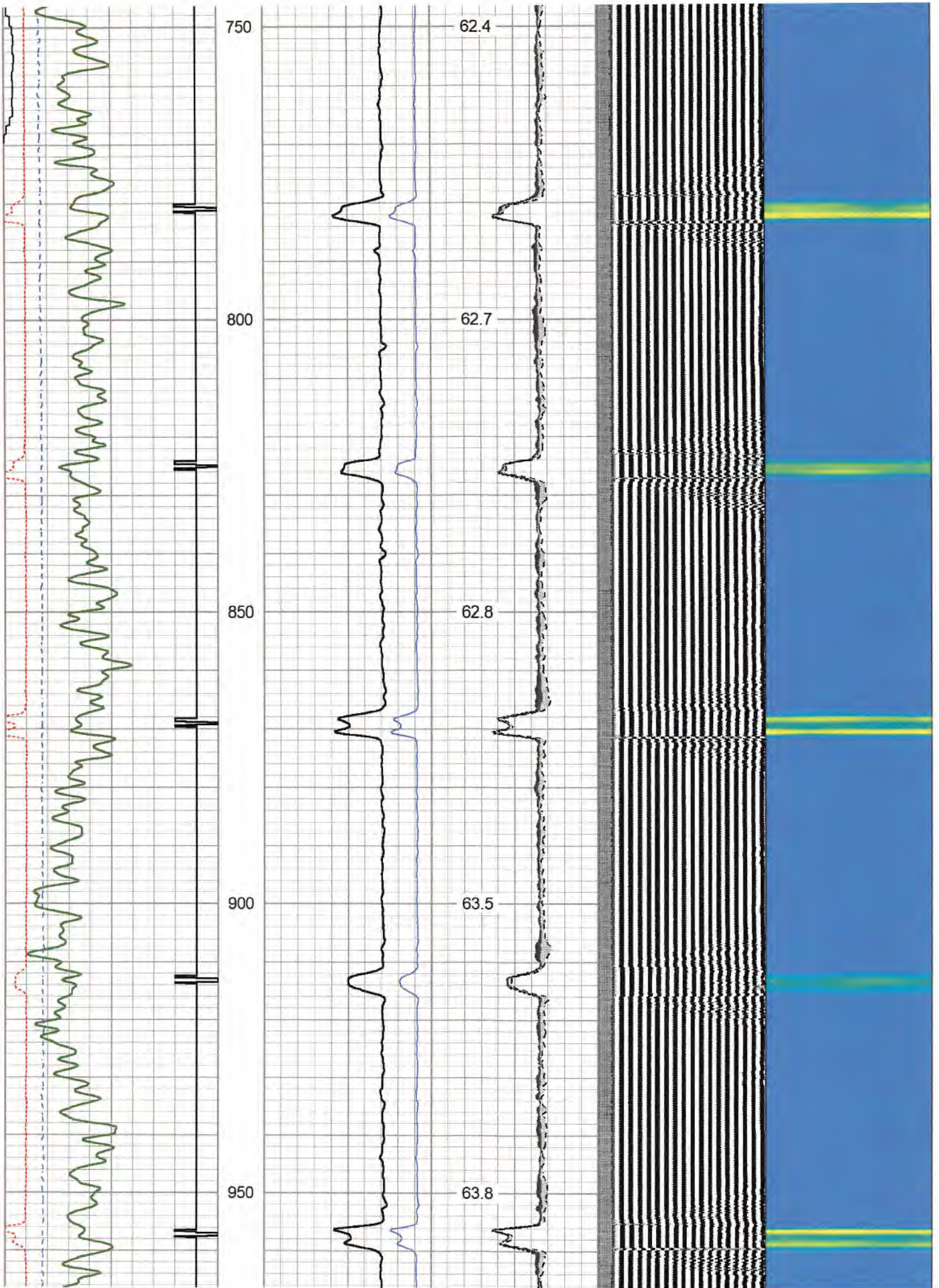
268	Travel Time (usec)	168	0	Amplitude (mV)	100	0	AMPMIN	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	1	BONDIX	0	0	AMPMAX	150	300 (usec)	1200		
0	Gamma Ray (GAPI)	150	0	AMPAVG	150							
Line Speed			TEMP									
-100	(ft/min)	100	(degF)									
0	Line Tension (lb)	2000										

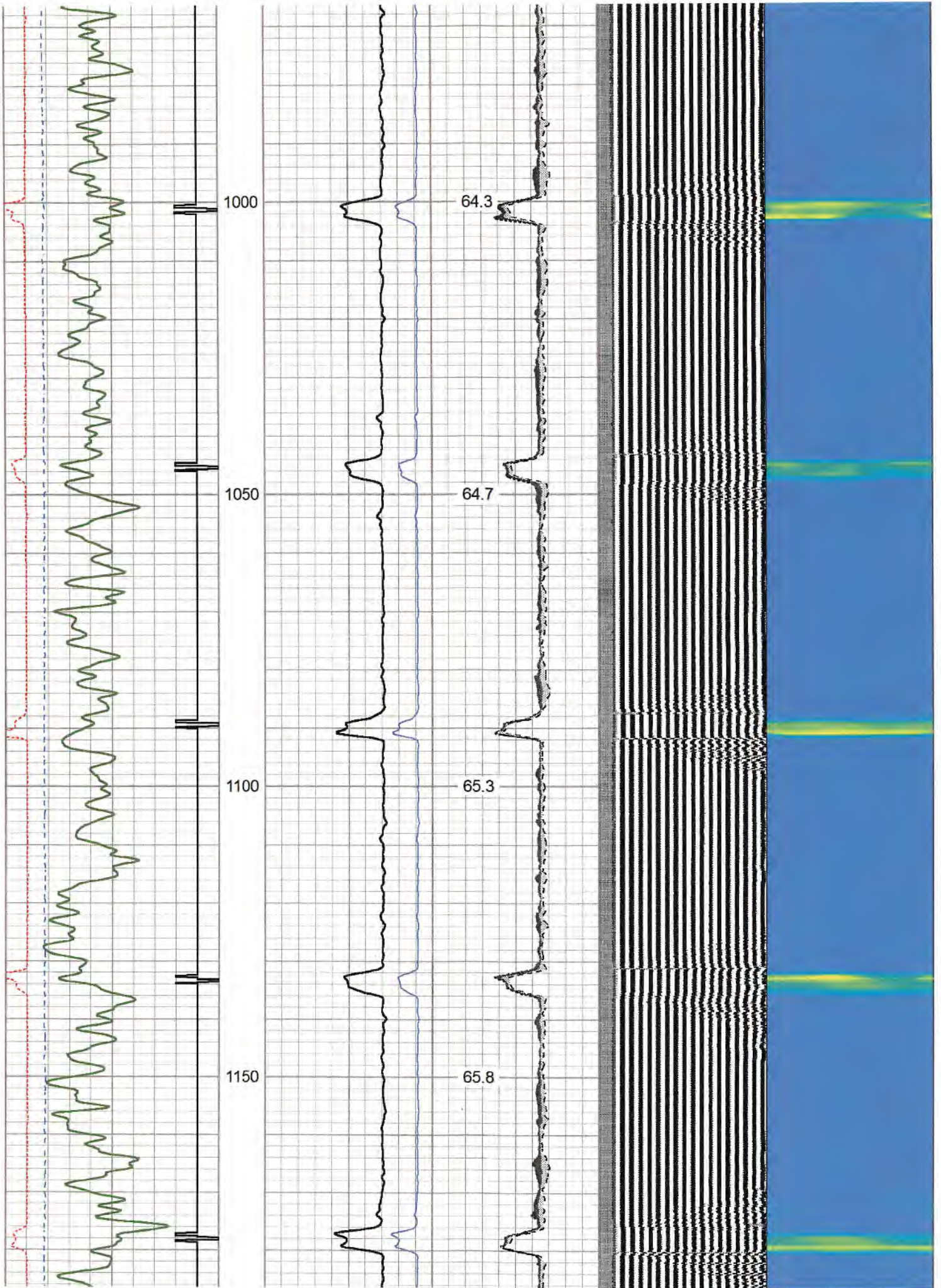


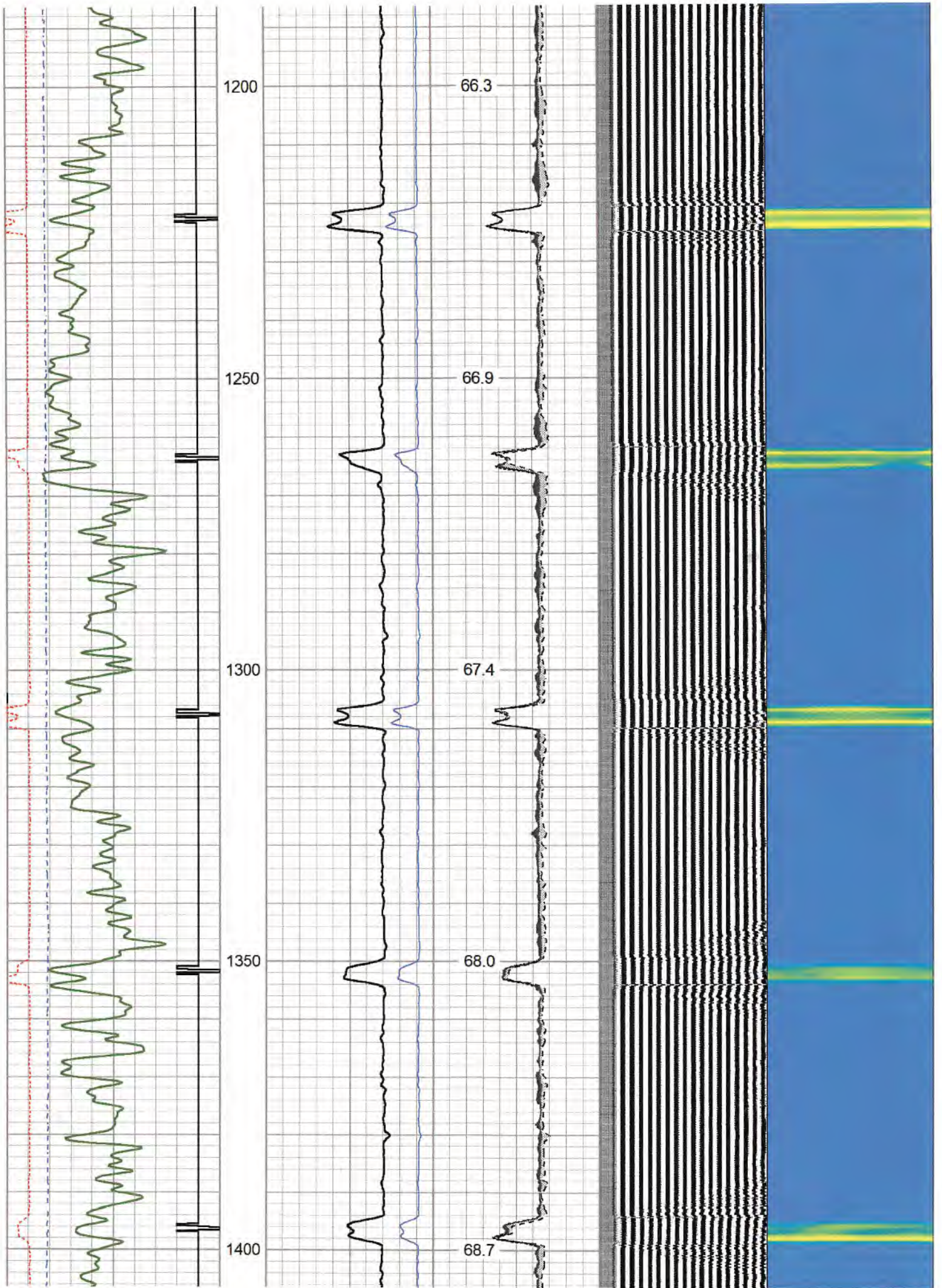


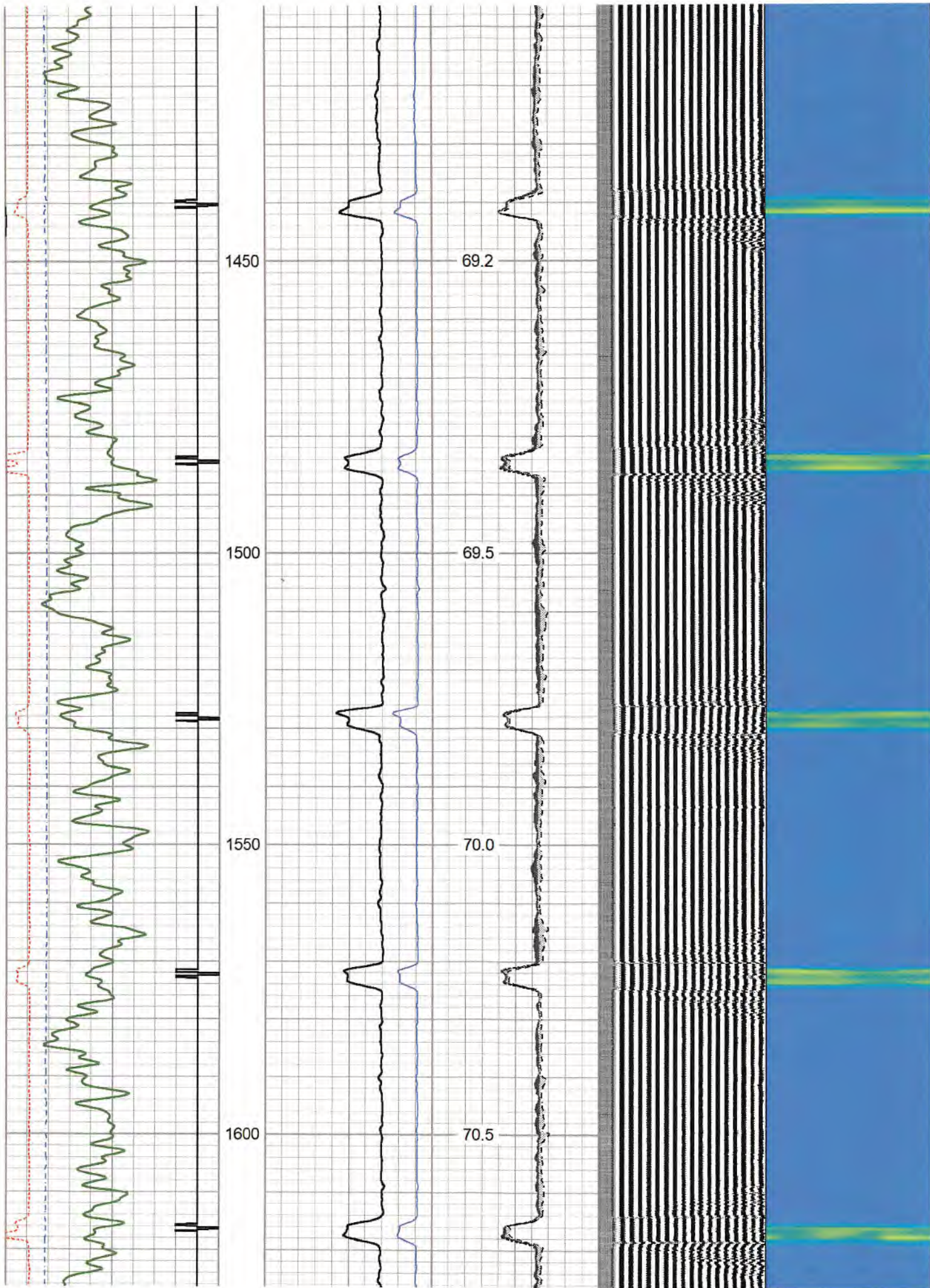


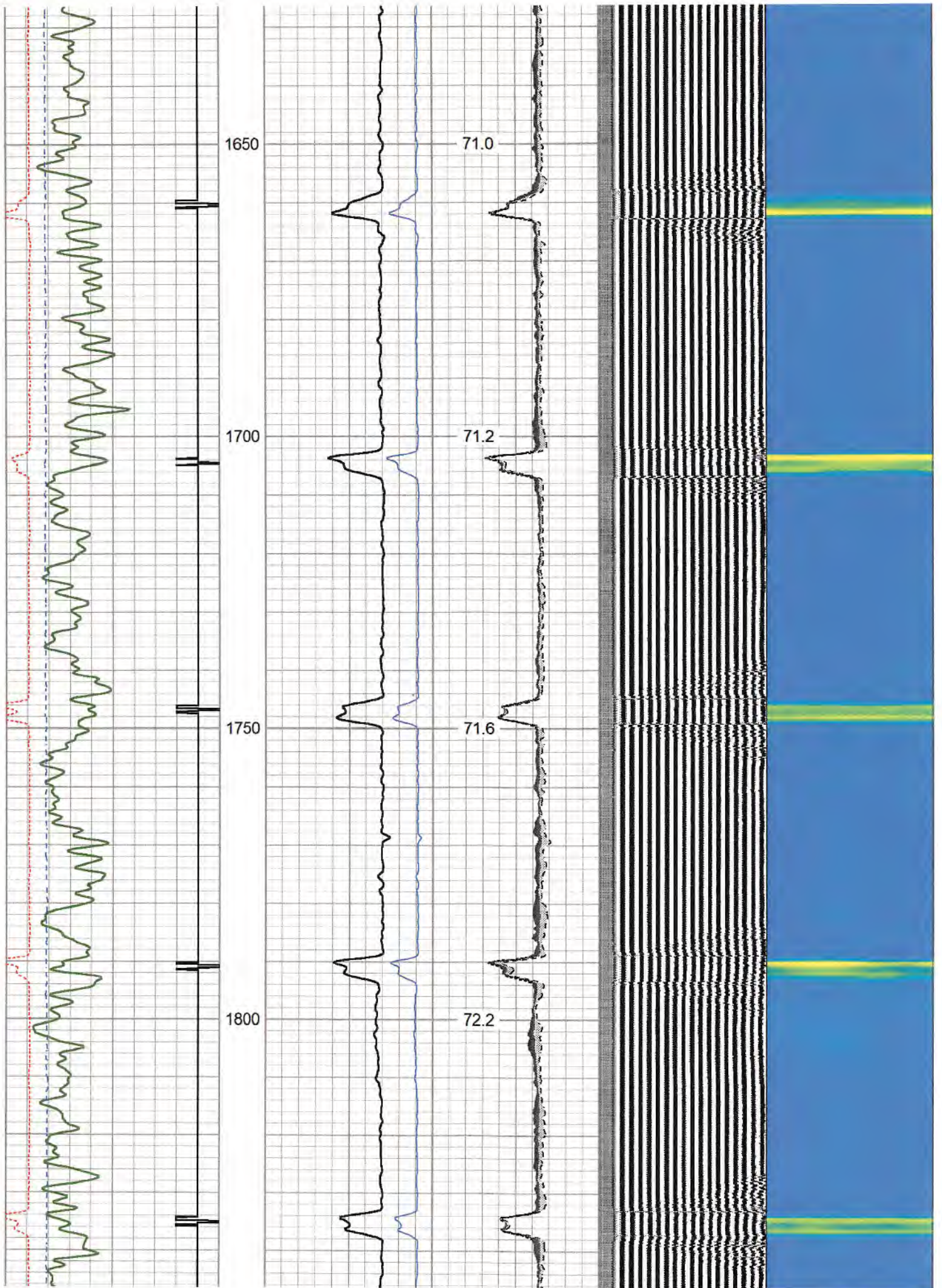


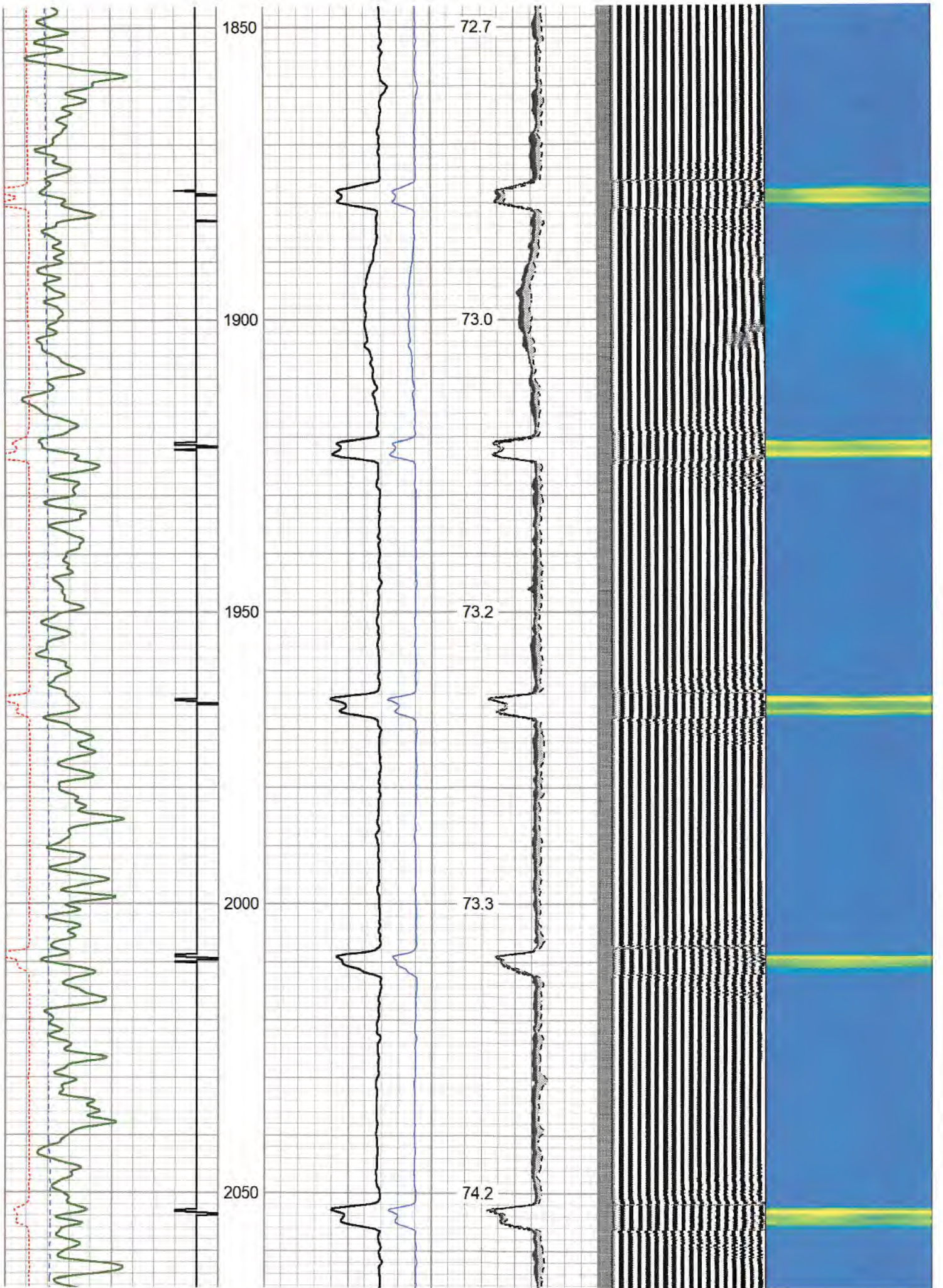


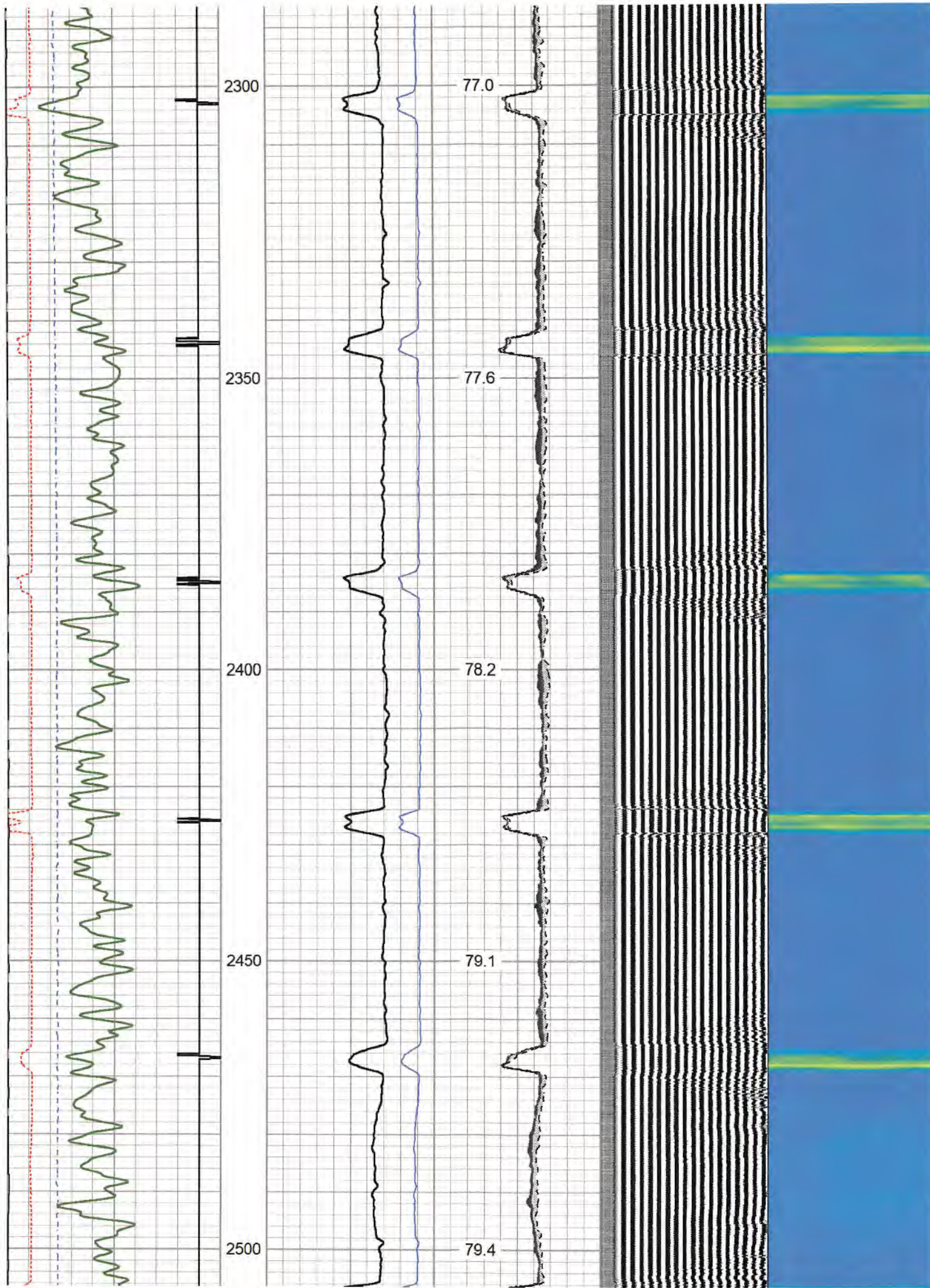


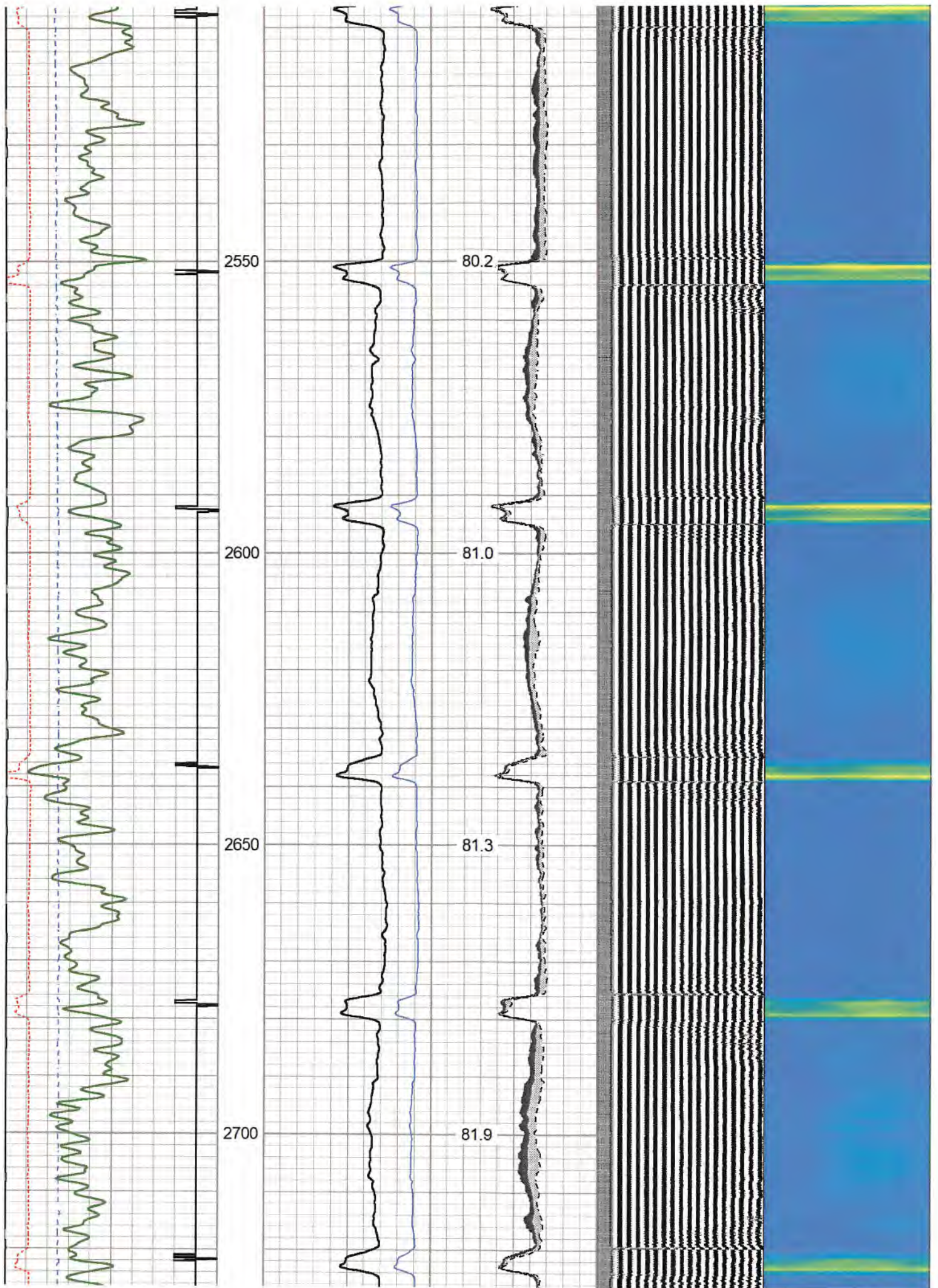


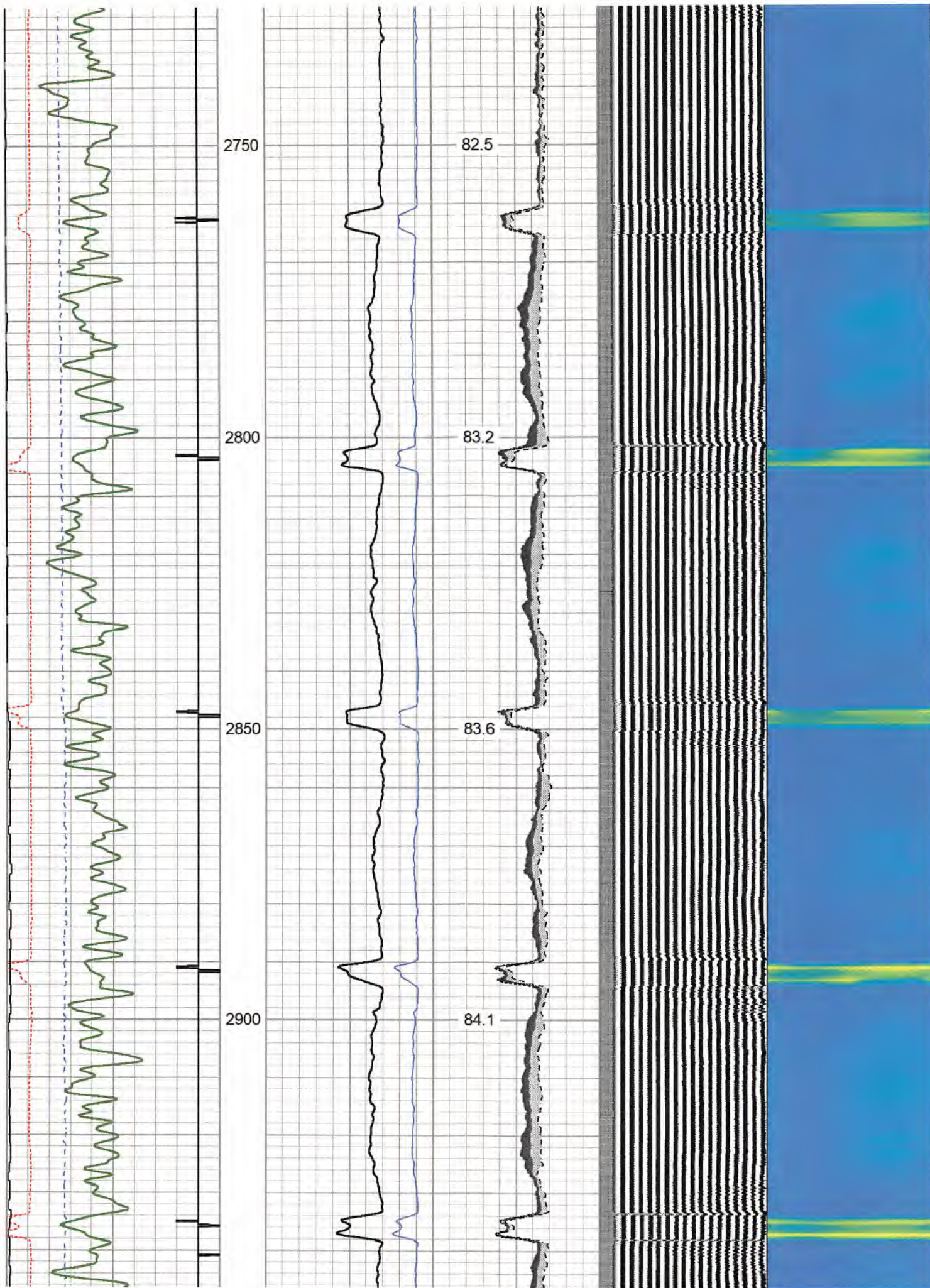


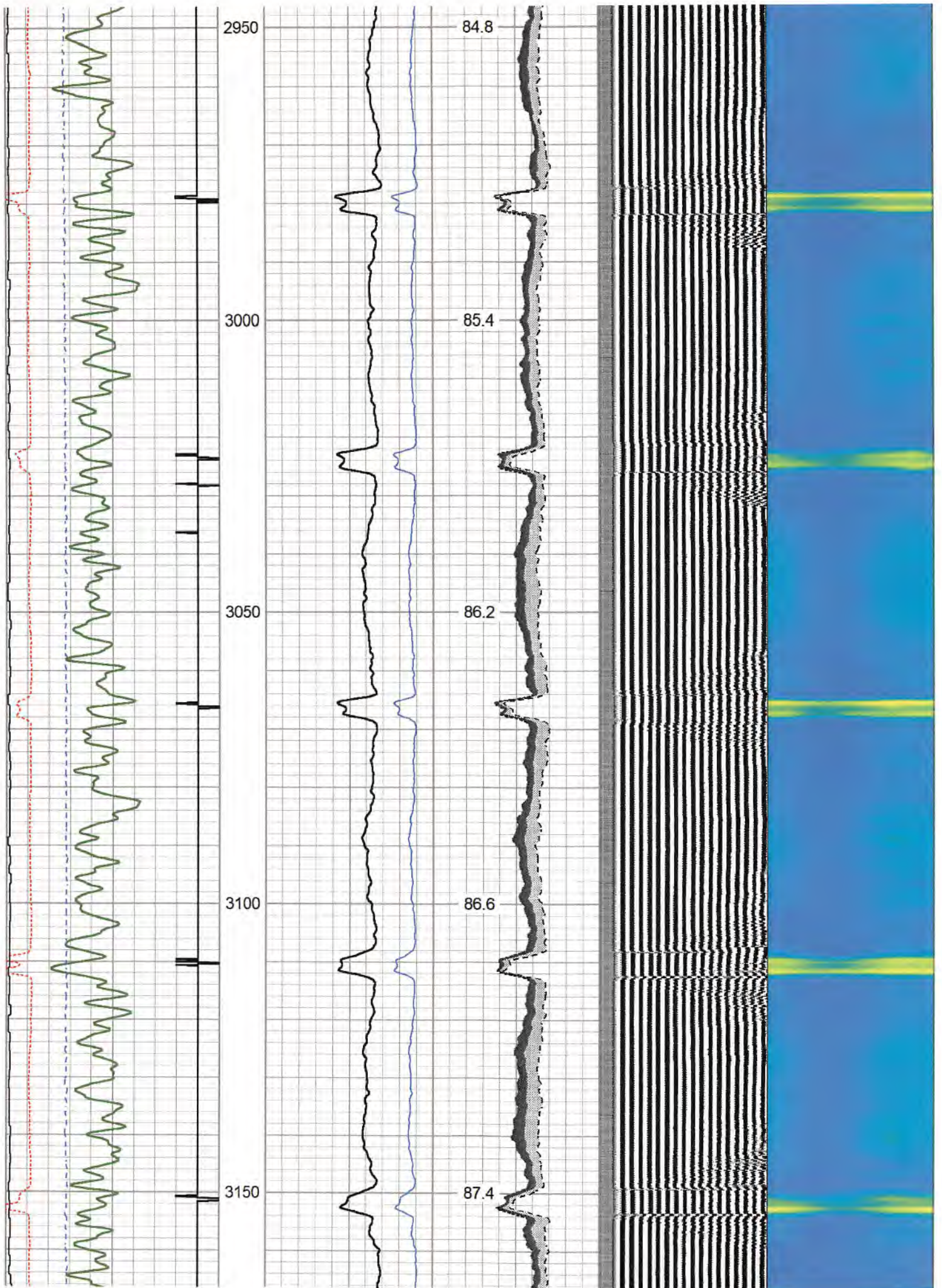


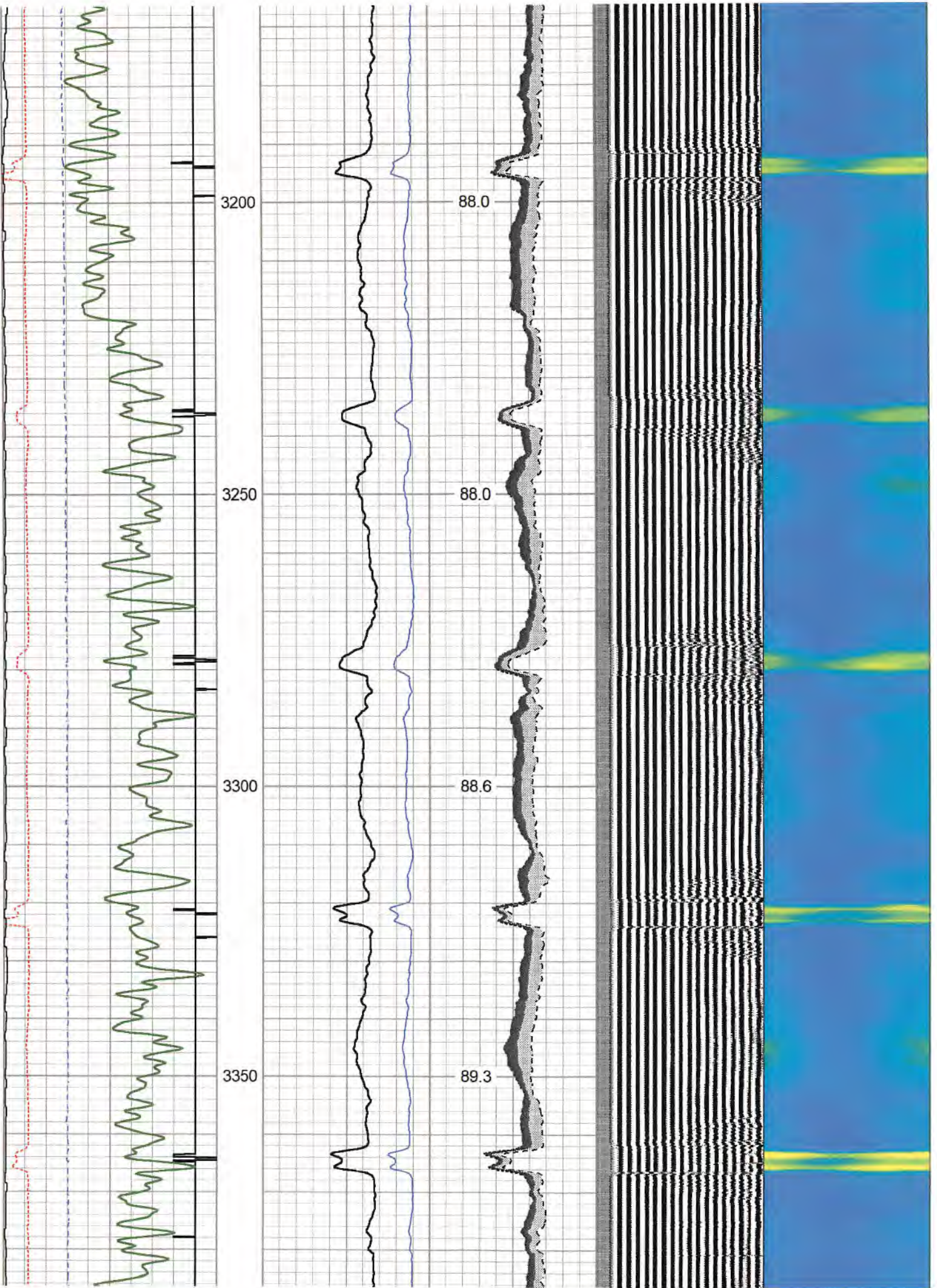


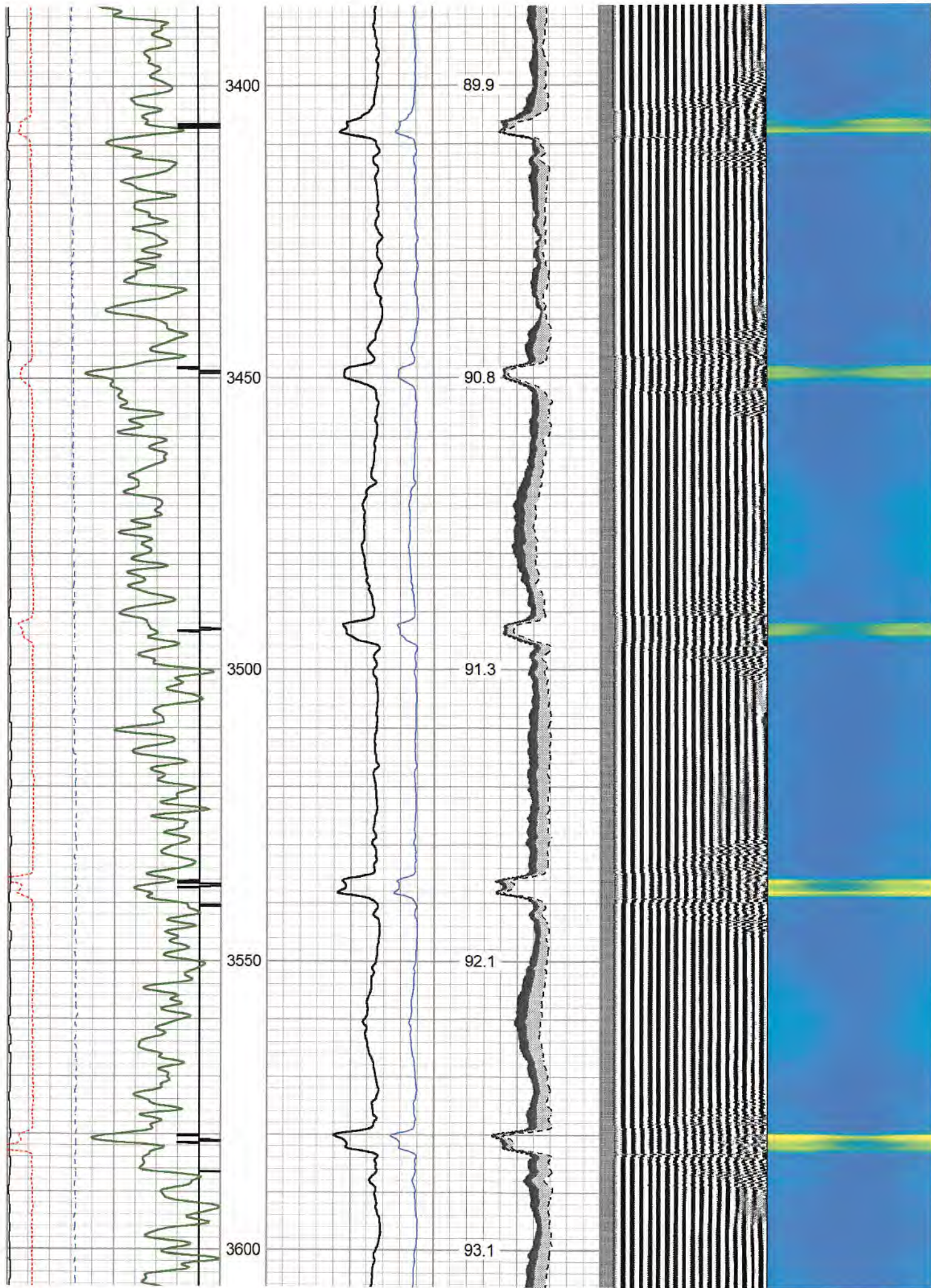


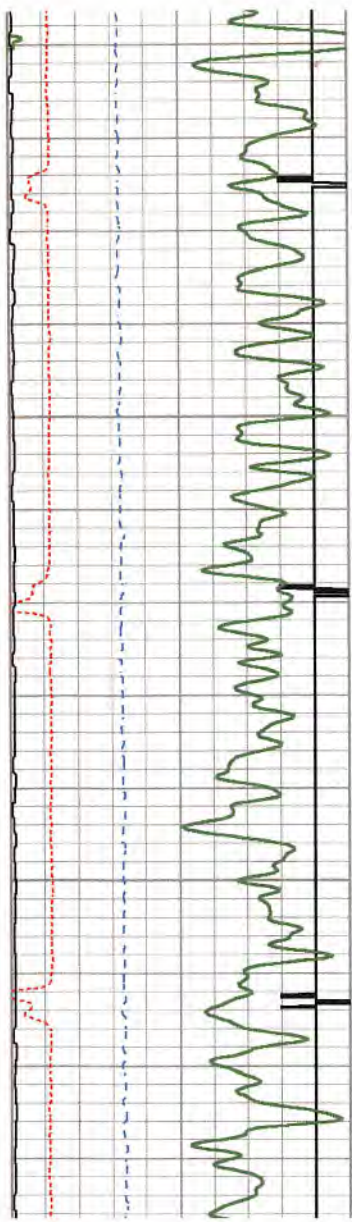












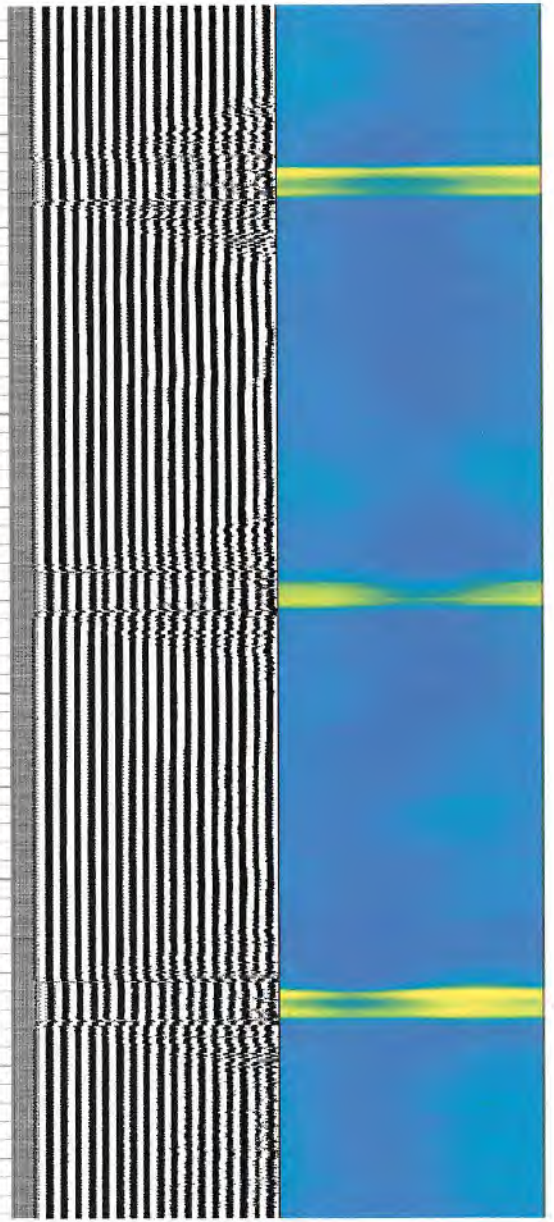
3650

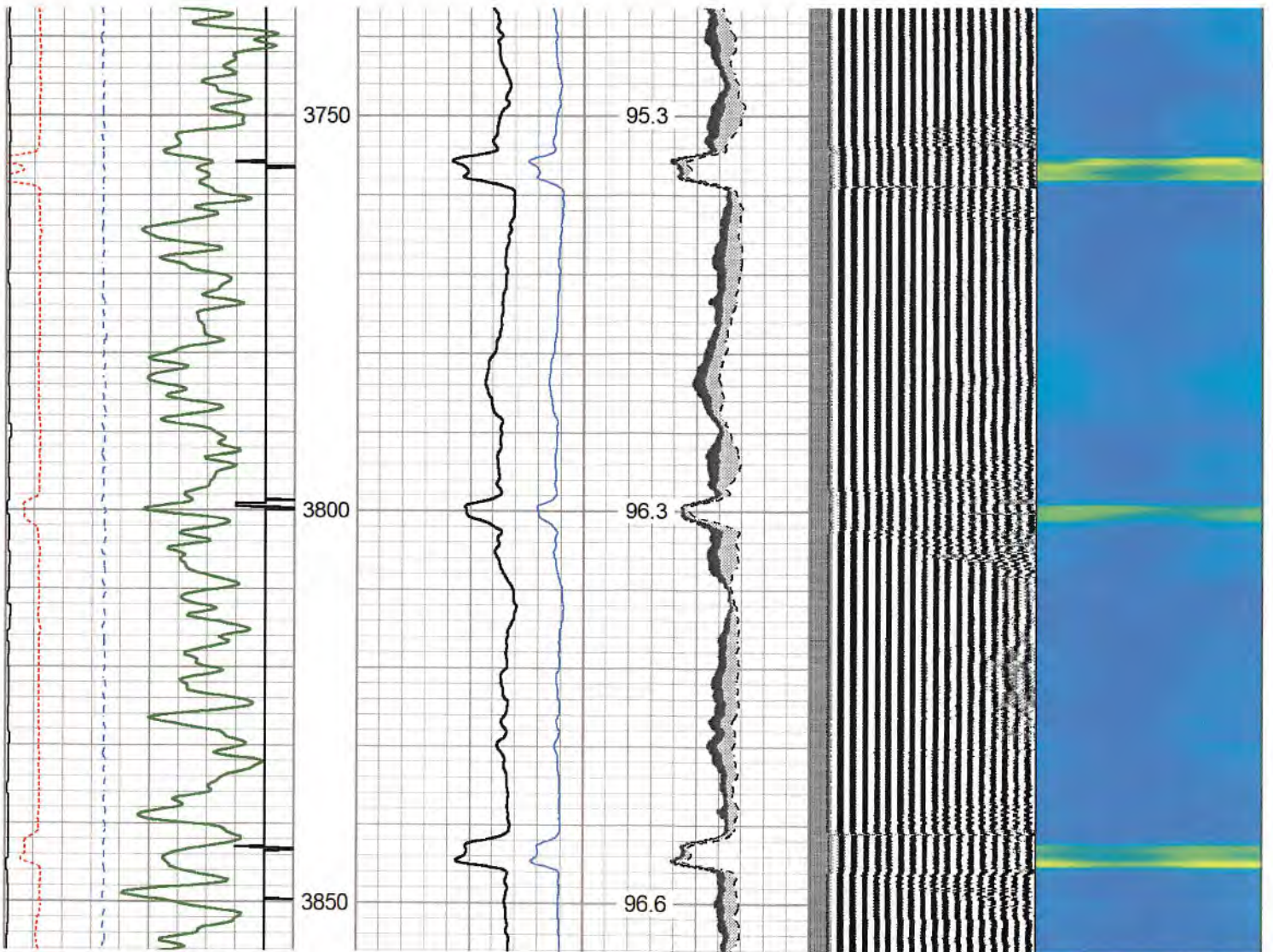
3700

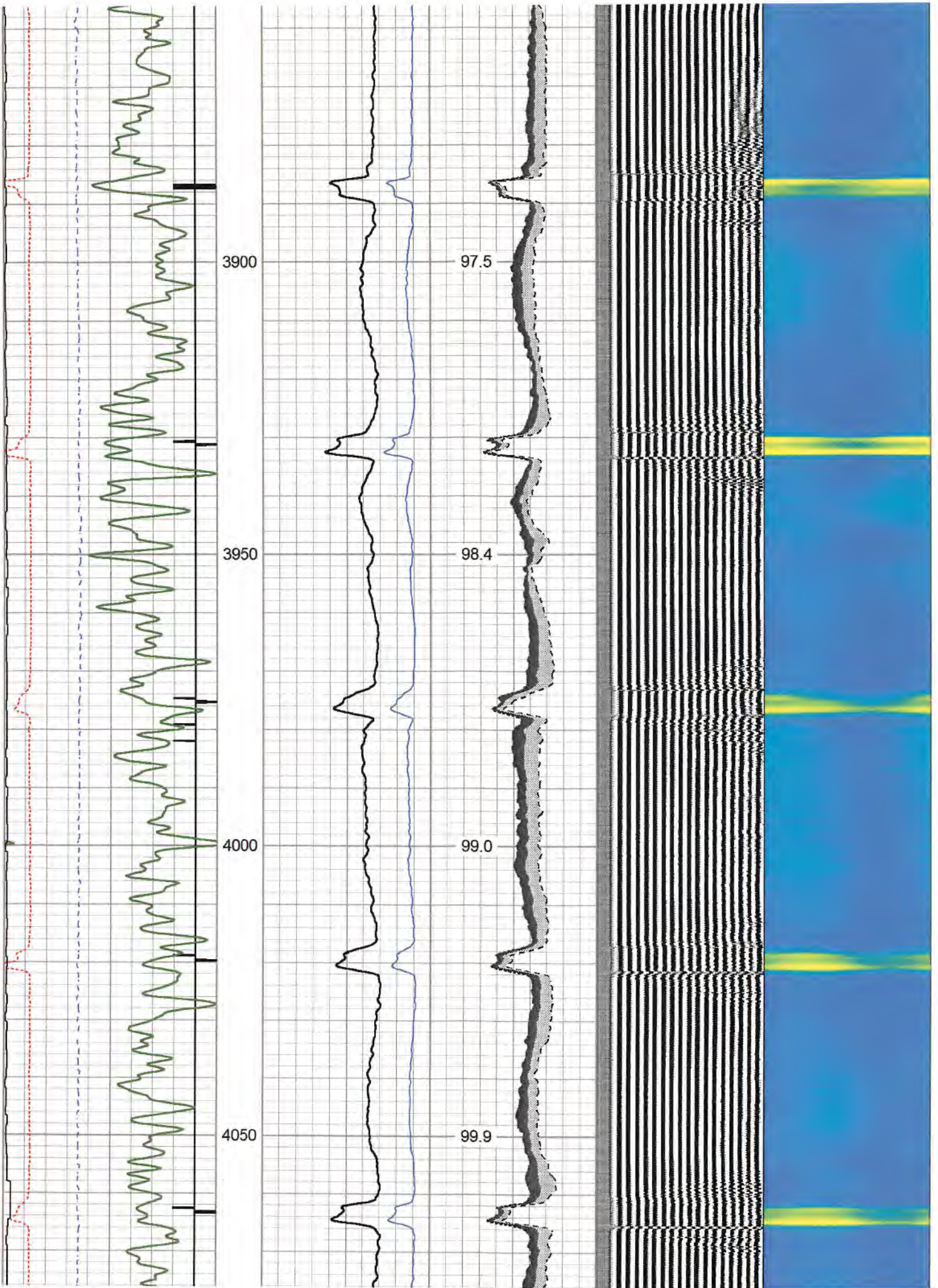


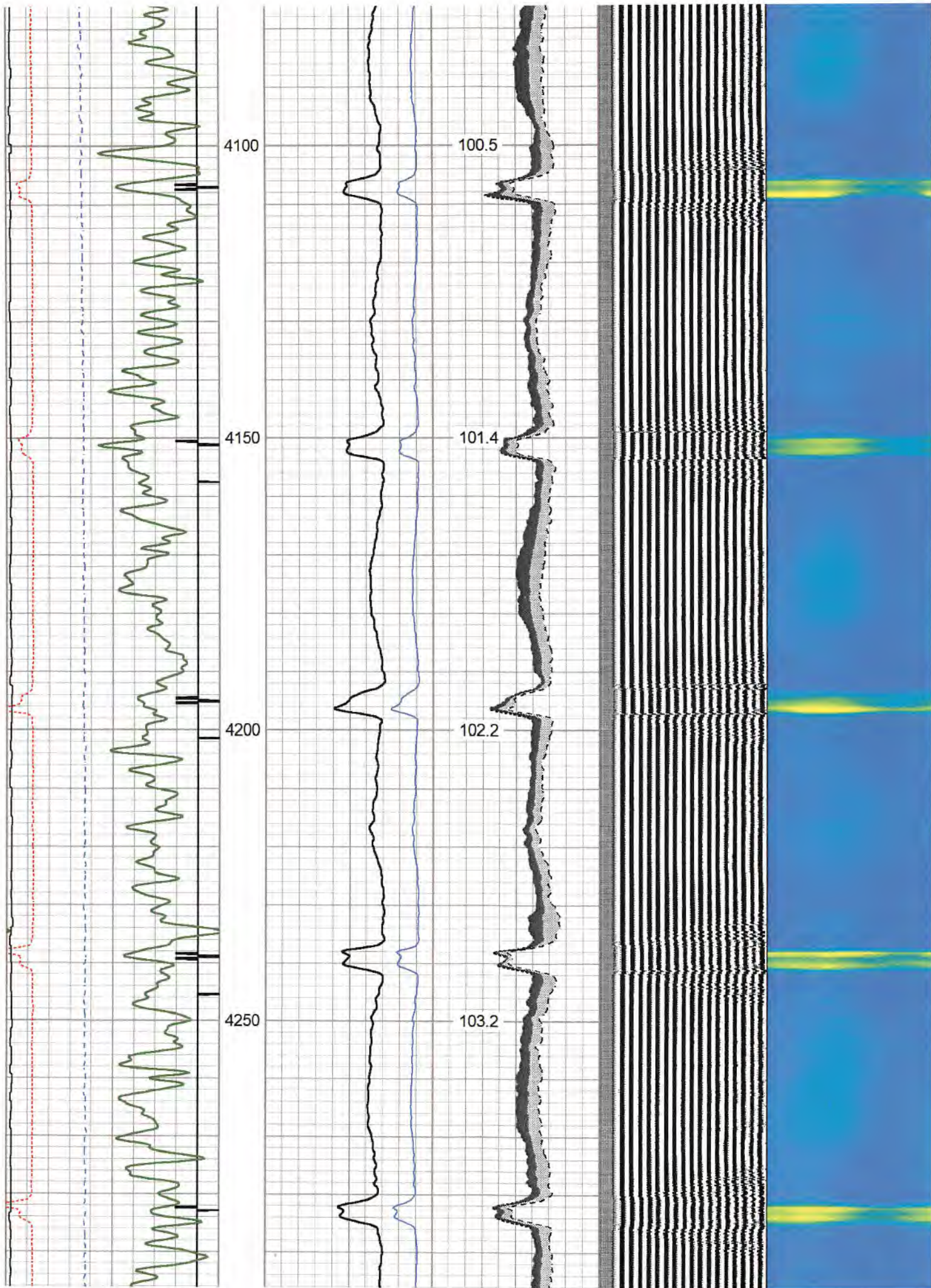
94.0

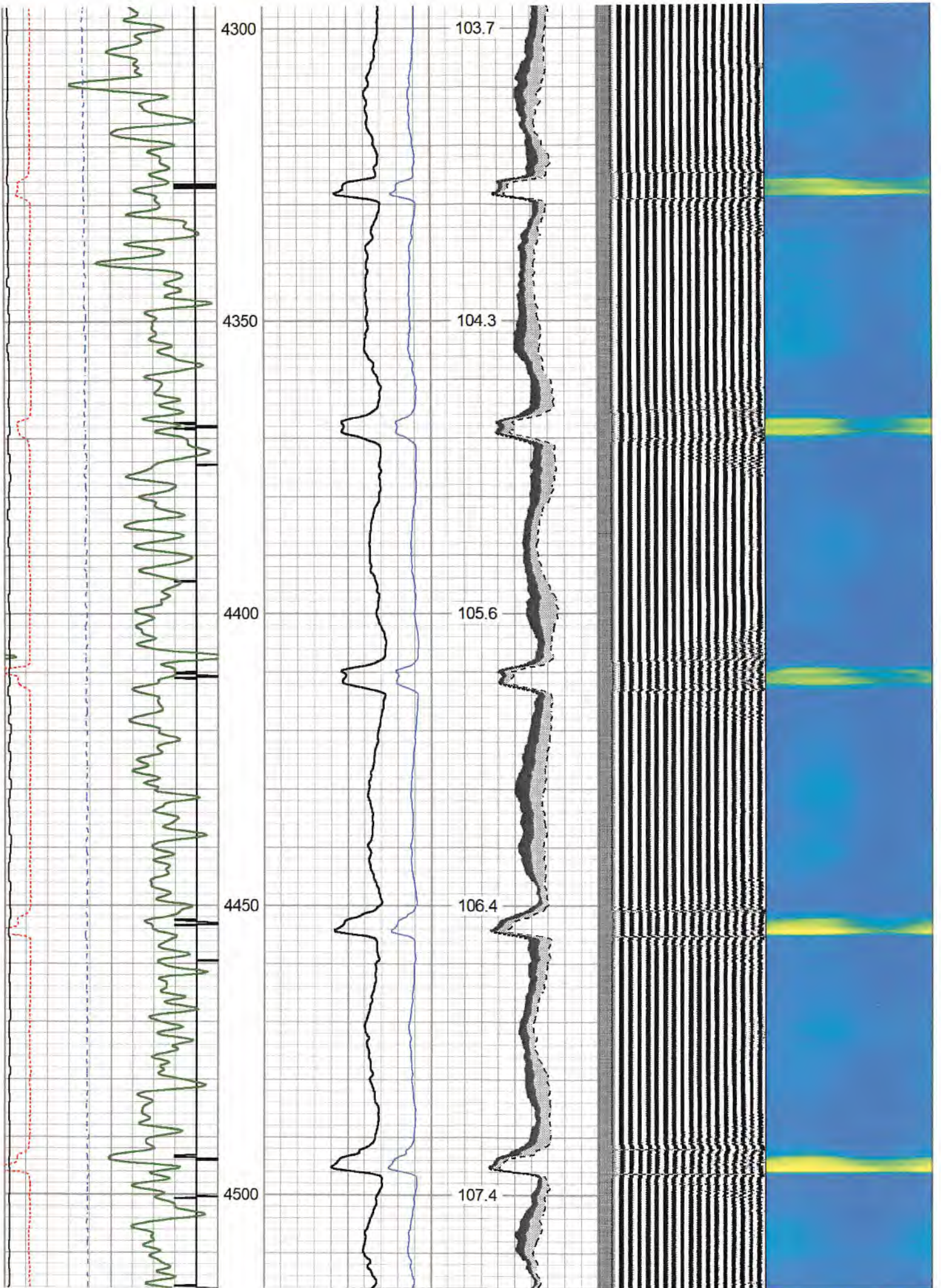
94.7

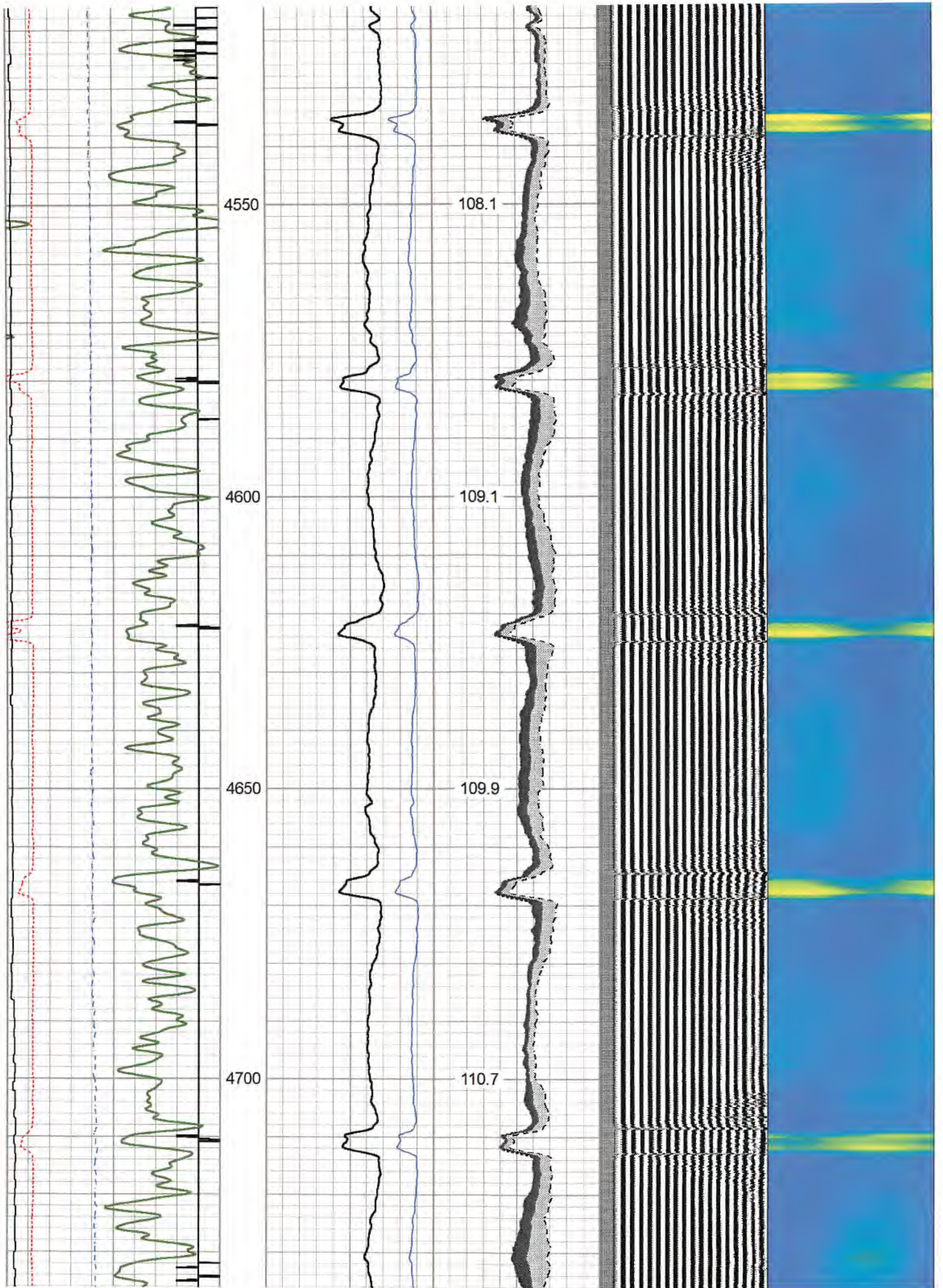


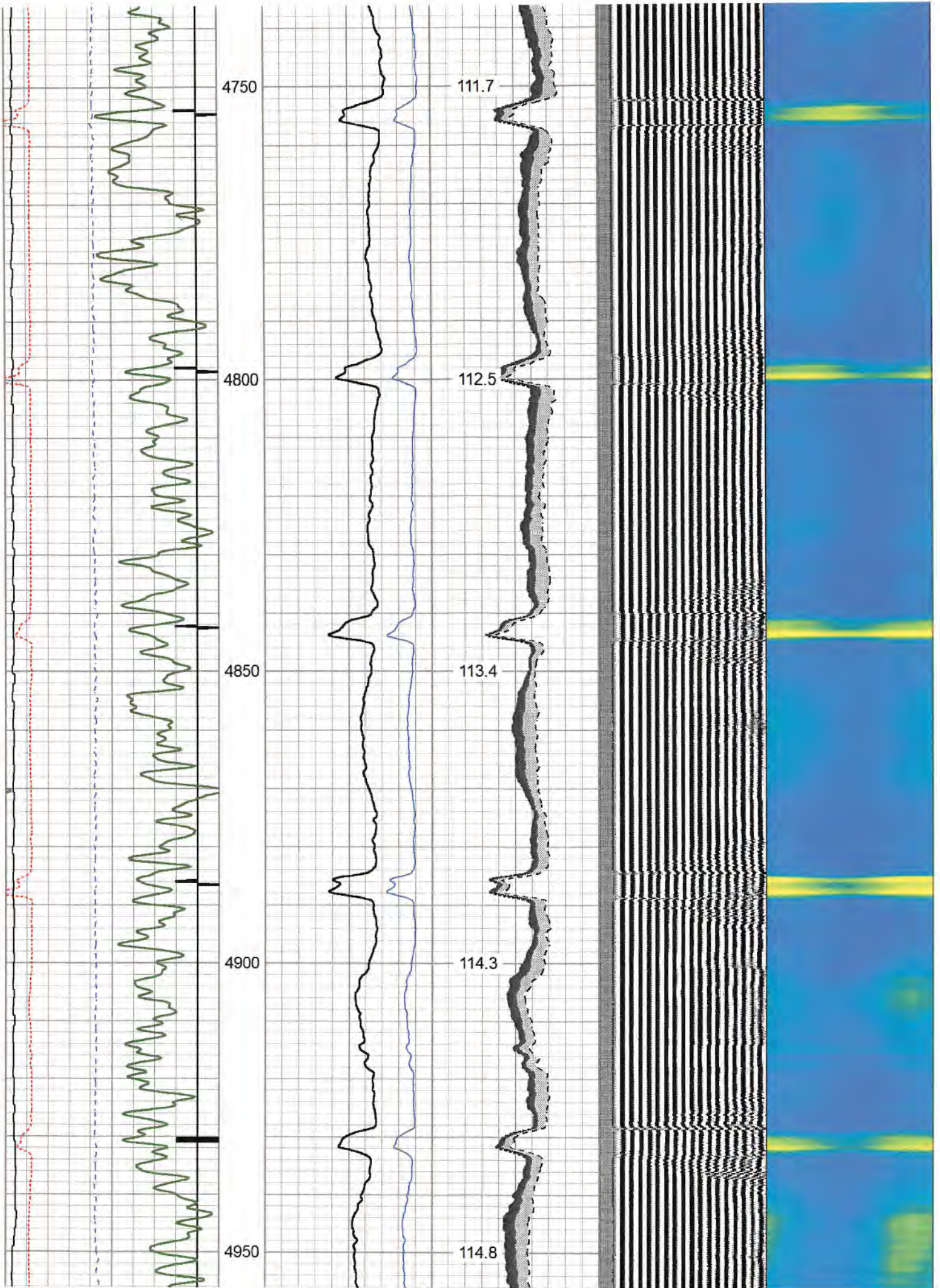


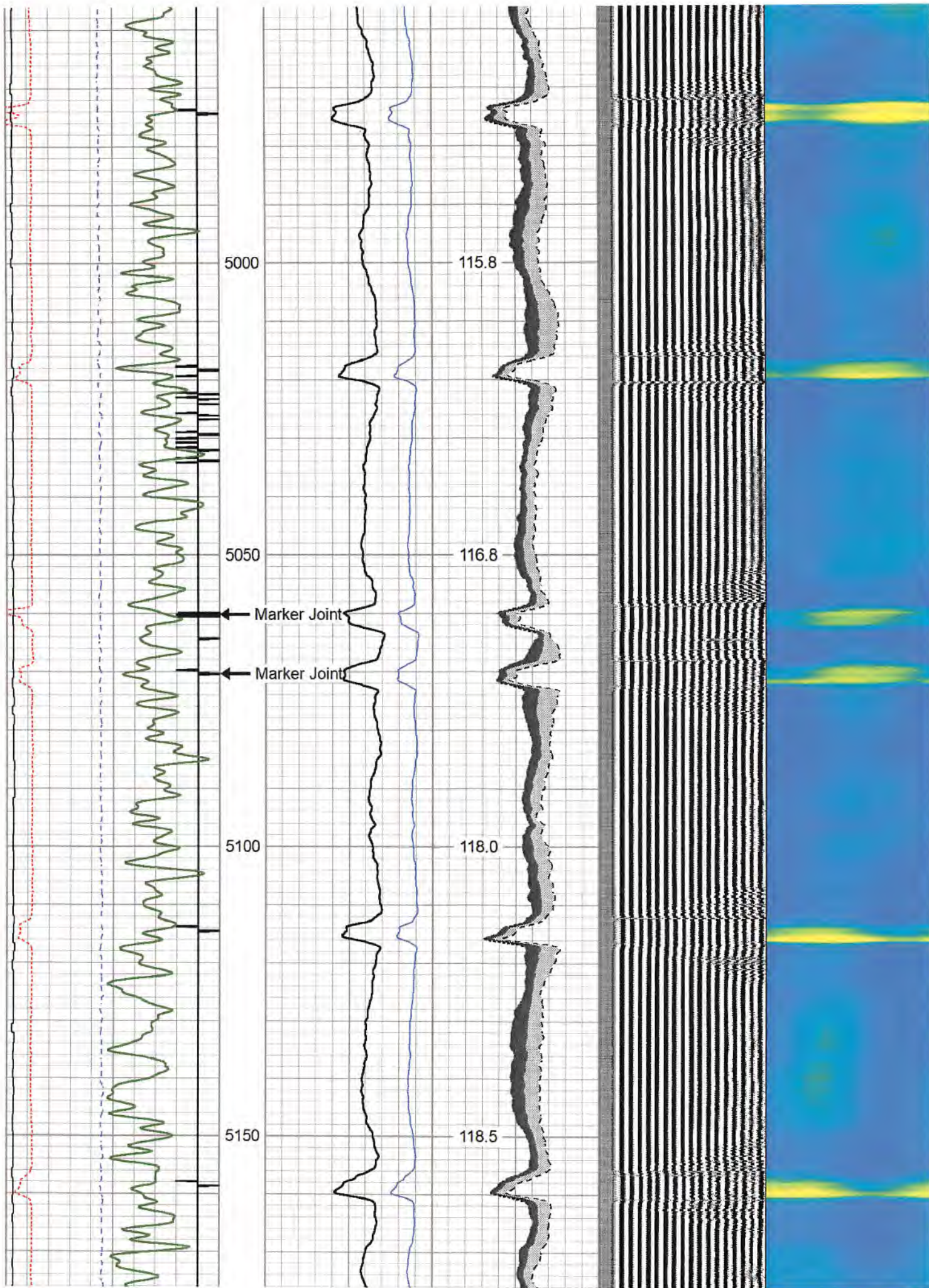


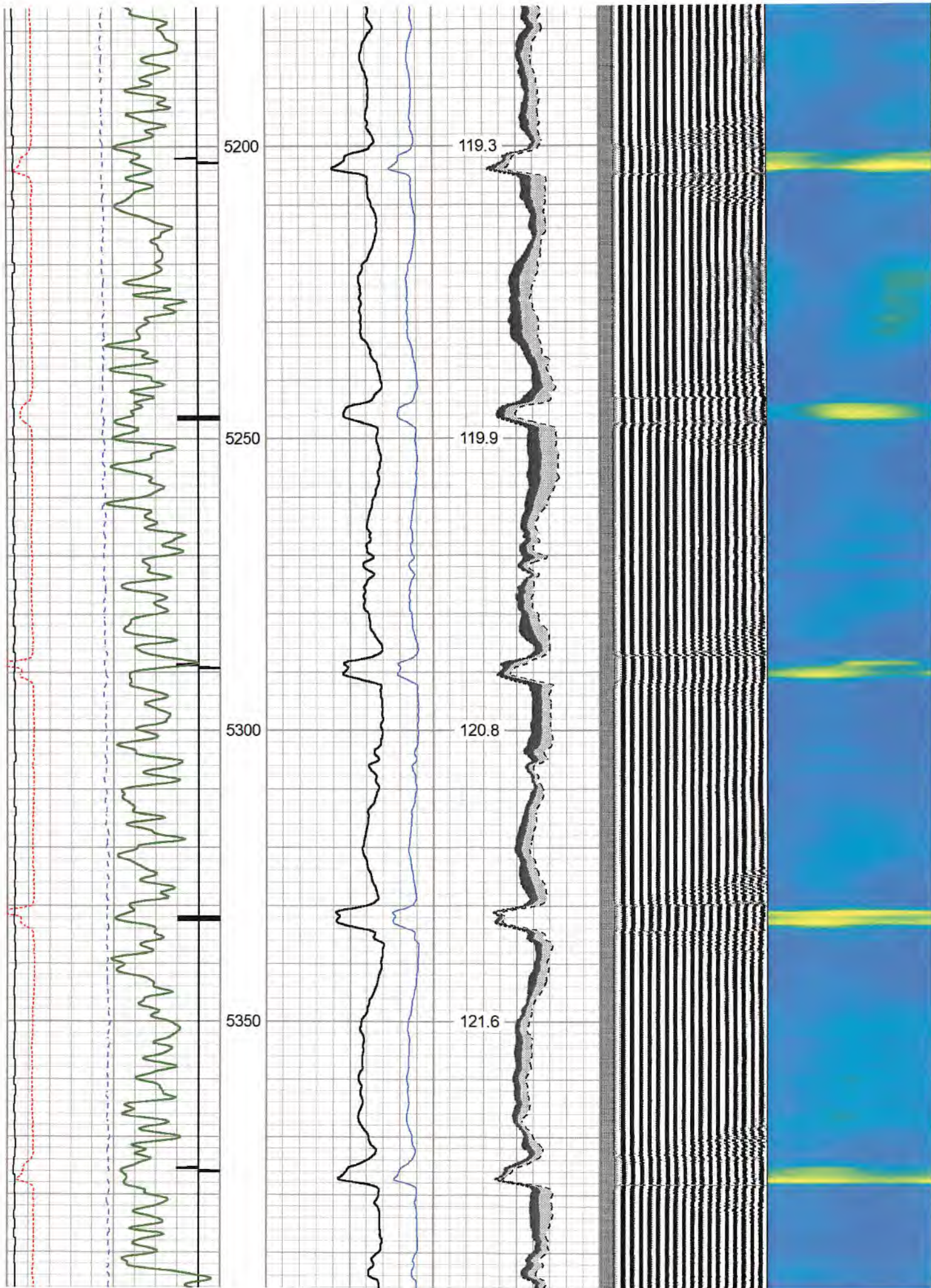


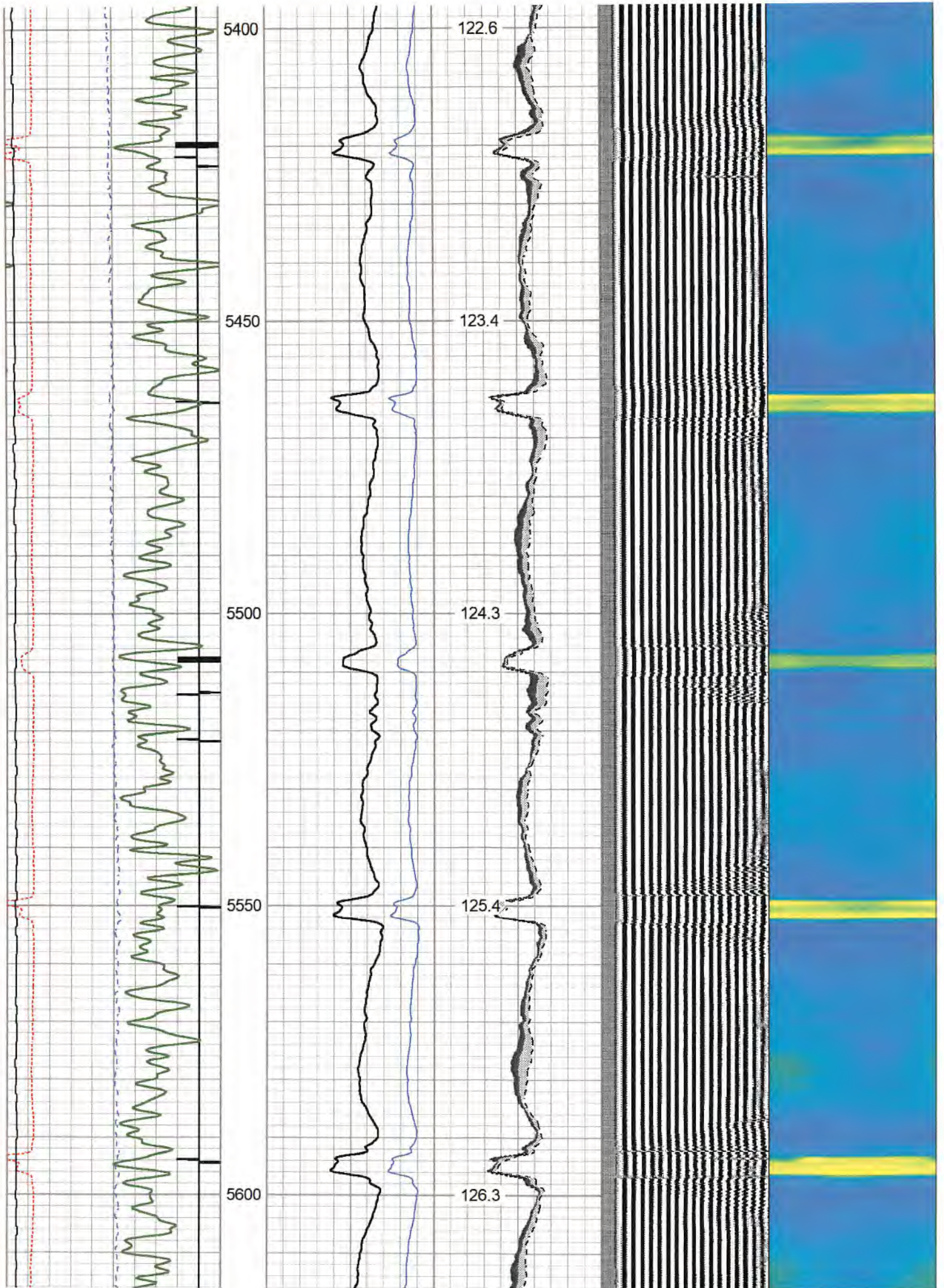


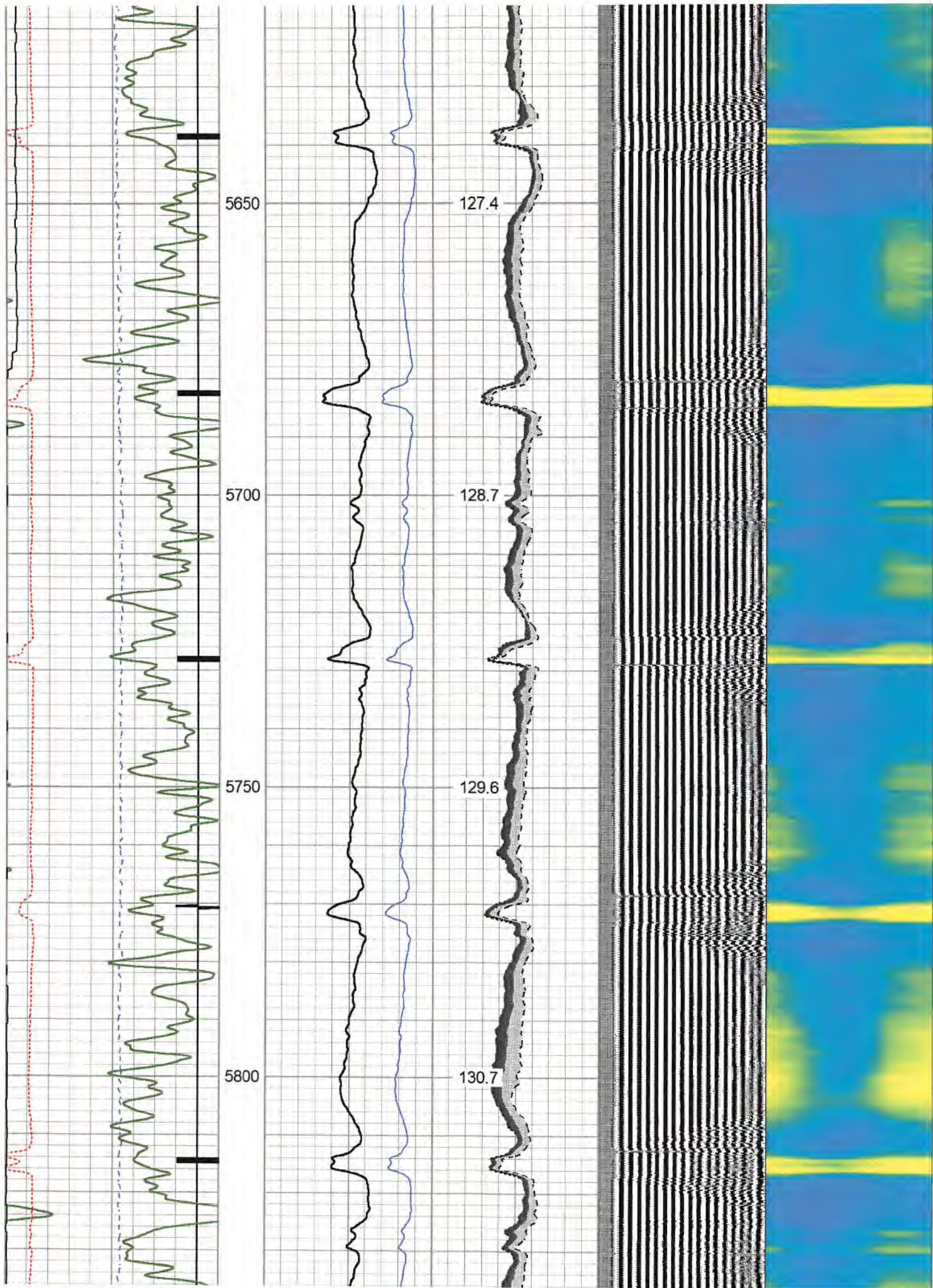


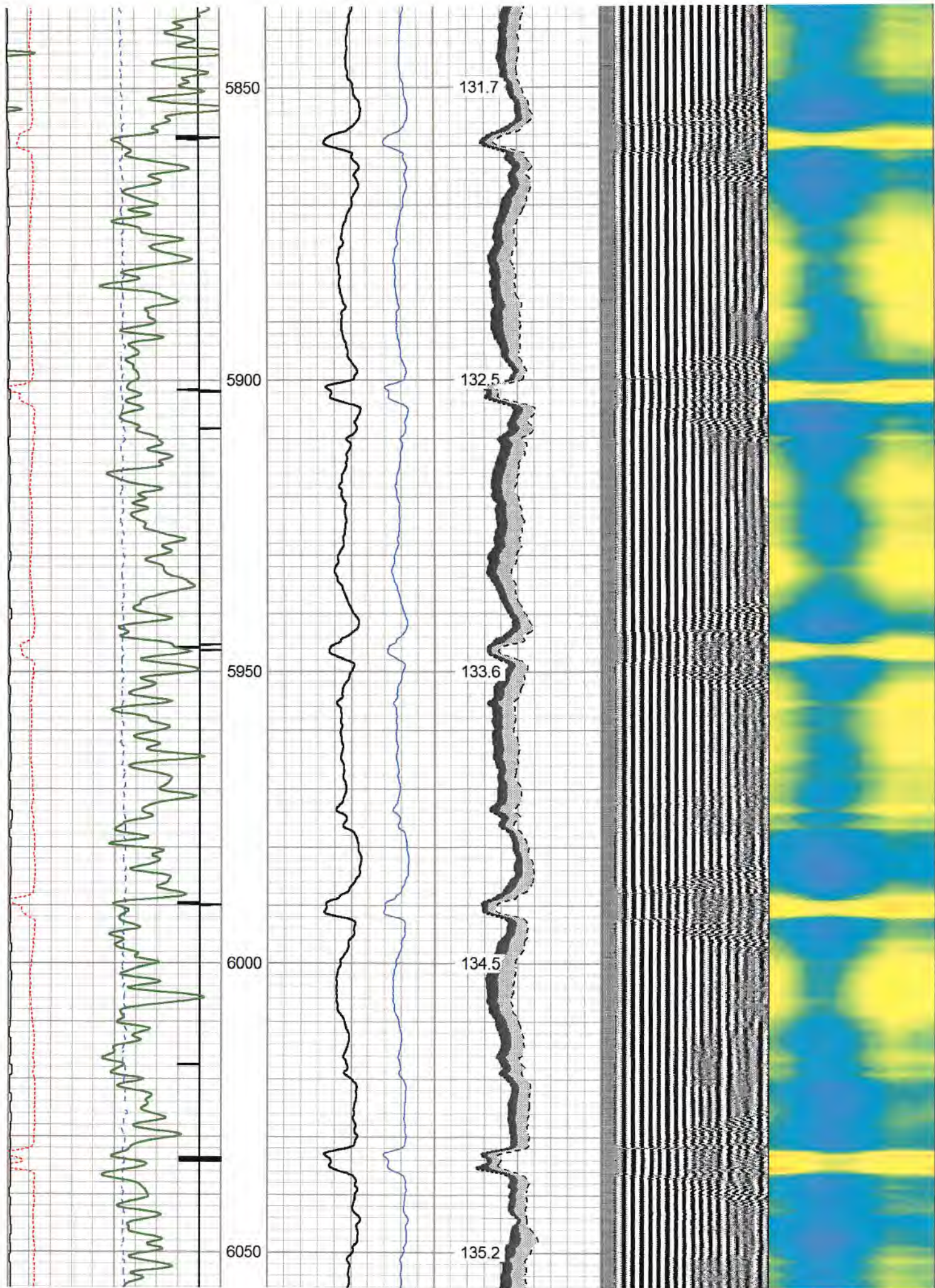


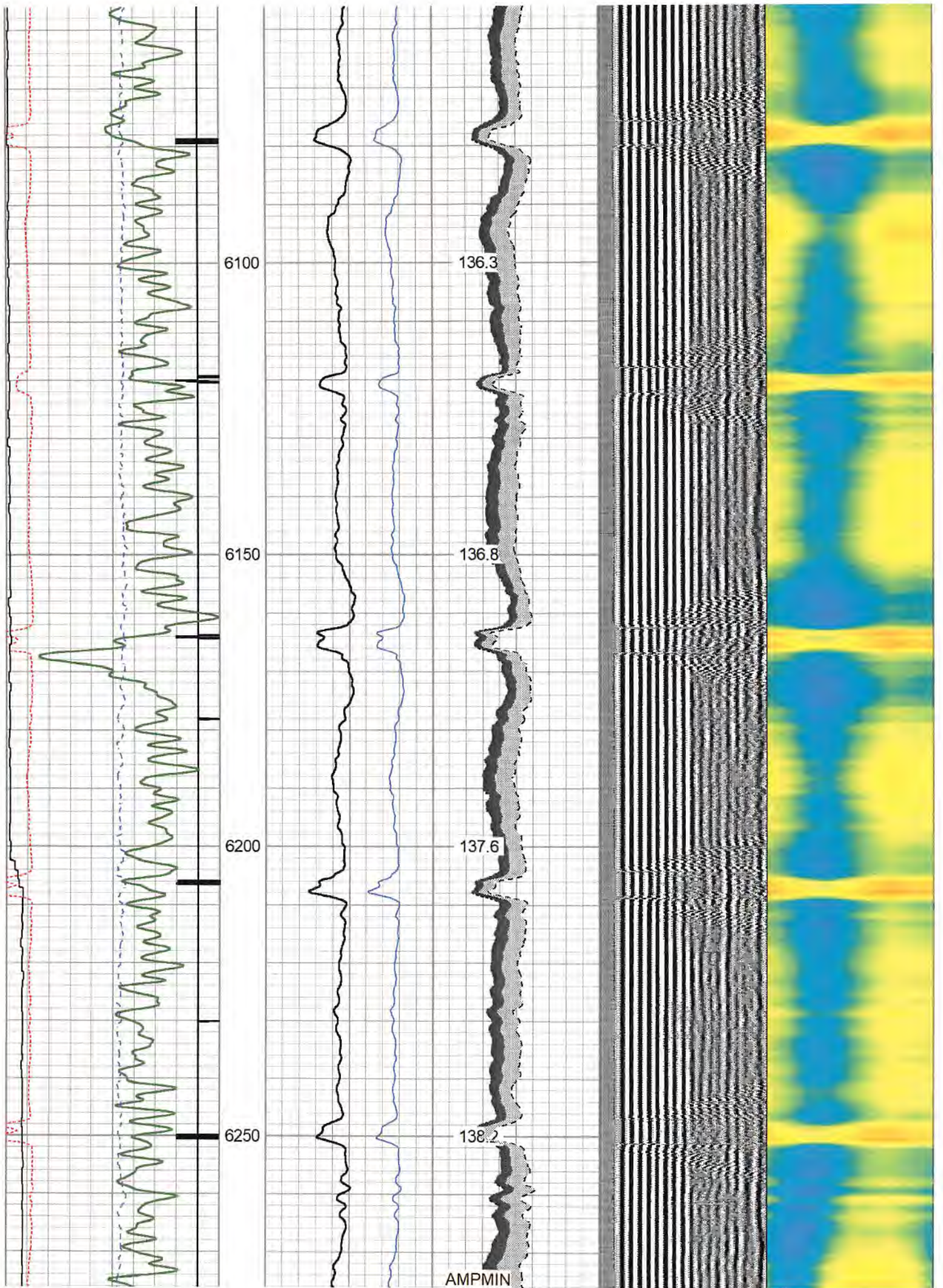


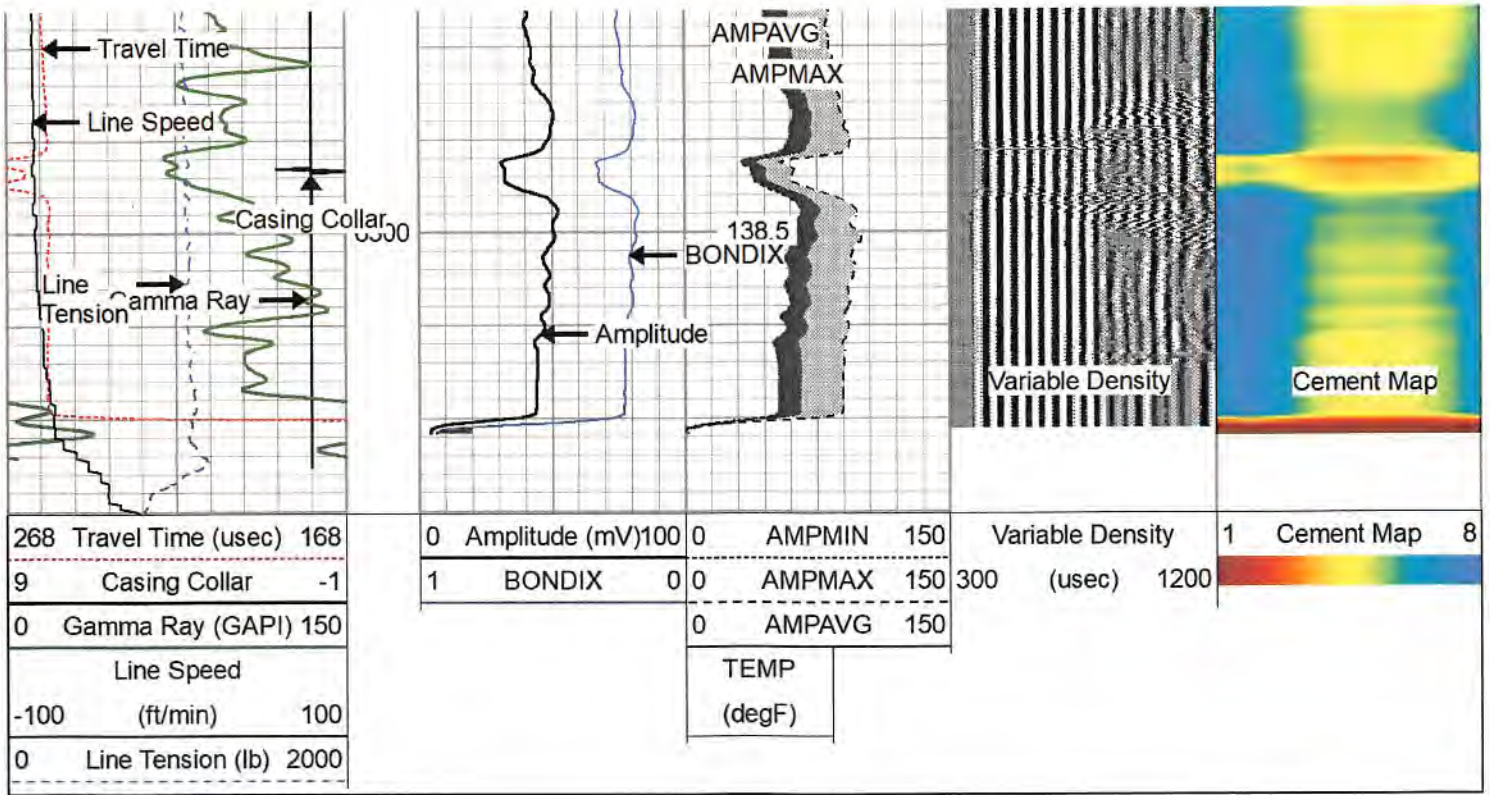






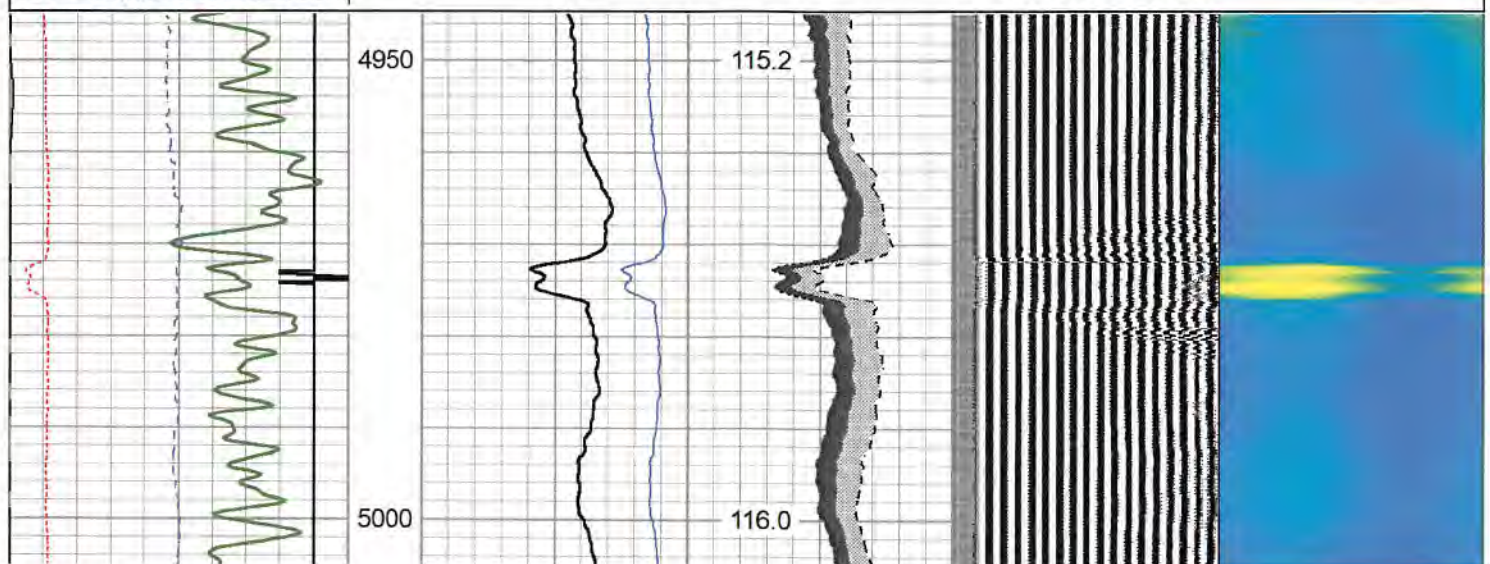
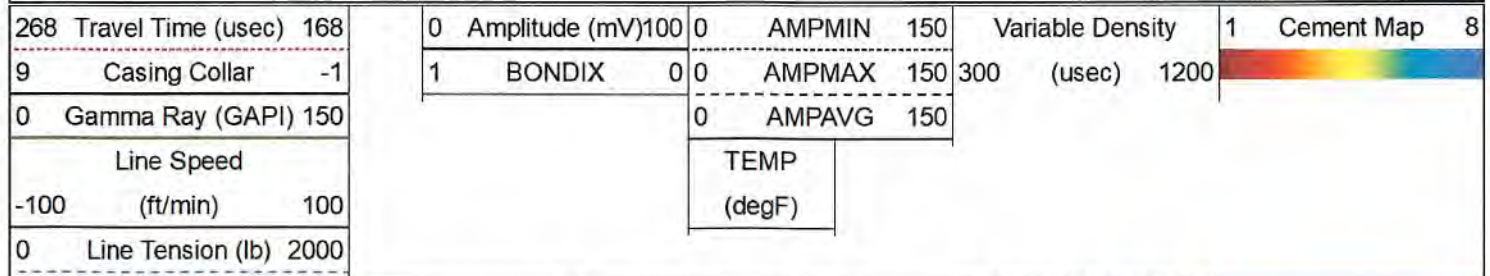


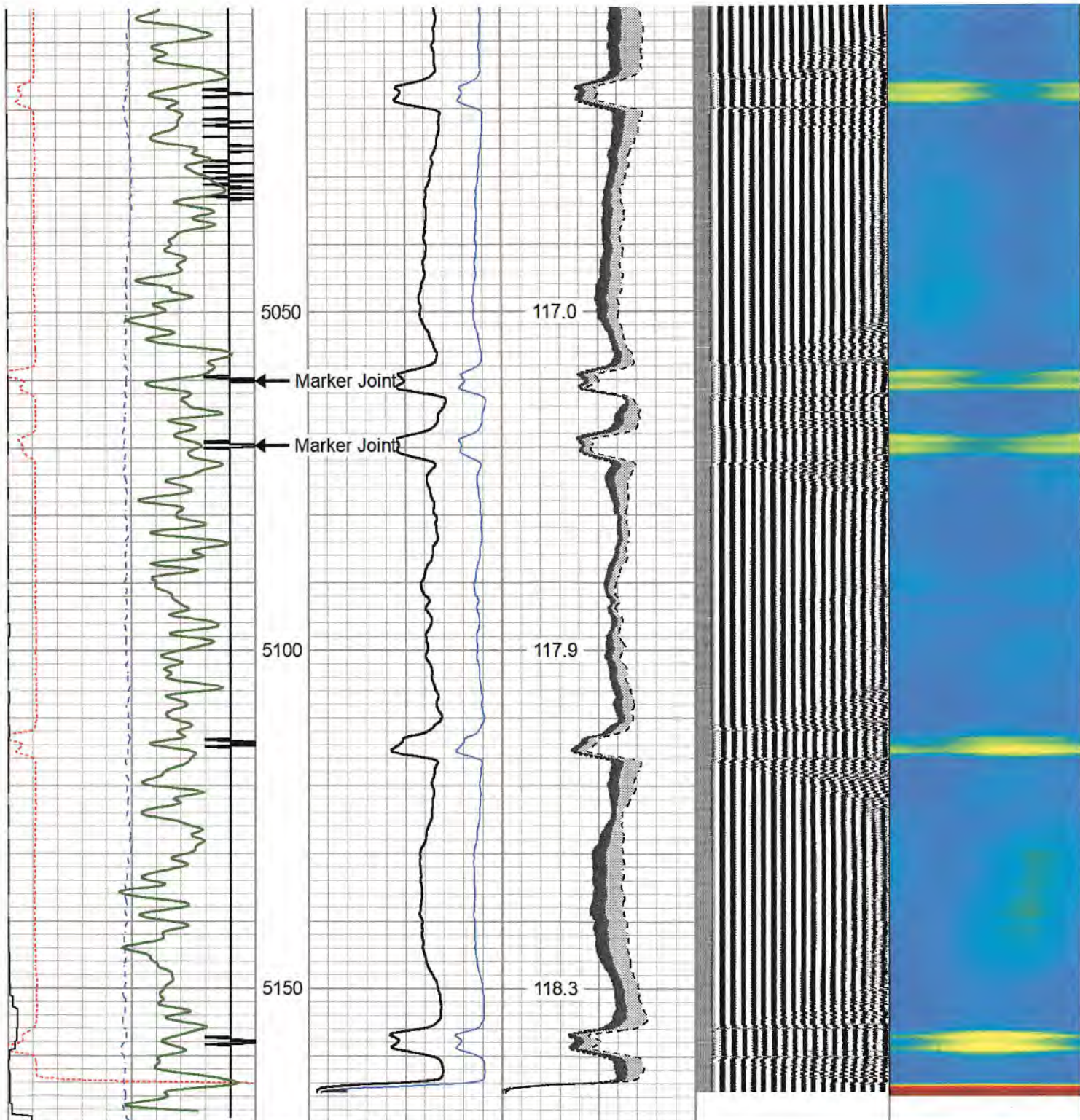




Repeat Pass 0 PSI

Database File antero_martindill_2h_rcbl_01_april_2023.db
 Dataset Pathname pass2
 Presentation Format rcbl-bond index for antero 1020
 Dataset Creation Sat Apr 01 16:40:45 2023
 Charted by Depth in Feet scaled 1:240





268	Travel Time (usec)	168
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
Line Speed		
-100	(ft/min)	100
0	Line Tension (lb)	2000

0	Amplitude (mV)	100	0	AMPMIN	150
1	BONDIX	0	0	AMPMAX	150
0			0	AMPAVG	150
TEMP					
(degF)					

Variable Density	1	Cement Map	8
300 (usec)	1200		

Log Variables DatabaseC:\ProgramData\Warrior\Data\antero_martindill_2h_rcbl_01_april_2023.db
 Dataset field/well/run1/pass4/_vars_

Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
------------	--------	---------	--------	----------	----------	---------	---------

TEMP	in 7.875	degF 138.5	in 5.5	in 0	lb/ft 23	mV 71.9	mV 3.4
MINATTN db/ft 0.8	PERFS No	PPT usec 260	SRFTEMP degF 52	TDEPTH ft 6330			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector	MINAMPL : Minimum Amplitude
BOREID : Borehole I.D.	MINATTN : Minimum Attenuation
BOTTEMP : Bottom Hole Temperature	PERFS : Perforation Flag
CASEOD : Casing O.D.	PPT : Predicted Pipe Time
CASETHCK : Casing Thickness	SRFTEMP : Surface Temperature
CASEWGHT : Casing Weight	TDEPTH : Total Depth
MAXAMPL : Maximum Amplitude	

Calibration Report

Database File antero_martindill_2h_rcbl_01_april_2023.db
Dataset Pathname pass4
Dataset Creation Sat Apr 01 17:03:35 2023

Gamma Ray Calibration Report

Serial Number: FW1211-86
Tool Model: Probe
Performed: Sat Apr 1 08:08:22 2023

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.8000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1312-32
Tool Model: Probe275T

Calibration Casing Diameter: 5.500 in
Calibration Depth: 251.442 ft

Master Calibration, performed Sat Apr 1 13:16:14 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	0.410	3.400	71.921	165.231	4.183
CAL	0.657	0.649				
5'	-0.006	0.428	3.400	71.921	157.915	4.410
SUM						
S1	0.007	0.374	0.000	100.000	272.540	-1.973
S2	-0.009	0.378	0.000	100.000	258.521	2.228
S3	-0.008	0.401	0.000	100.000	244.815	1.937
S4	-0.007	0.432	0.000	100.000	227.809	1.677
S5	-0.008	0.445	0.000	100.000	220.886	1.790
S6	-0.009	0.437	0.000	100.000	223.831	2.093
S7	0.001	0.418	0.000	100.000	239.764	-0.190
S8	-0.012	0.397	0.000	100.000	244.559	2.914

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.657	0.649	1.000	0.000

Air Zero Calibration, performed Sat Apr 1 08:20:07 2023:

	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	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
Centralizer	32.54		CABLE_HEADS-TITAN_1_7/16	1.04	1.44	4.00	
Centralizer	21.47						
CABLE_HEADS	18.07						
RBT	17.03						
HeadVolt	16.97						
Centralizer	16.13		Centralizer-2.75_Overbody	1.67	3.12	5.00	
Temp	14.12			RBT-Probe275T (FW1312-32) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	90.00
WVFS8	11.89						
WVFS7	11.89						
WVFS6	11.89						
WVFS5	11.89						
WVFS4	11.89						
WVFS3	11.89						
WVFS2	11.89						
WVFS1	11.89						
WVF3FT	11.89						
WVF5FT	10.89						
GR	7.64						
WVFCAL	7.64						
HEADVOLT	7.64						
CCL	6.73						

Centralizer	5.86		GR-Probe (FW1211-86) Probe 2 3/4" Logging Gamma Ray	4.78	2.75	57.00
GR	5.40		Centralizer-2.75_Overbody	1.67	3.12	5.00
Centralizer	2.86		Centralizer-Titan_2.75 Bowspring Centralizer	2.86	2.75	35.00

Dataset: antero_martindill_2h_rcbl_01_april_2023.db: field/well/run1/pass4
 Total length: 18.07 ft
 Total weight: 206.00 lb
 O.D.: 3.12 in



Company Antero Resources
 Well Martindill 2H
 Field Marcellus
 County Tyler
 State WV

Country U.S.A.