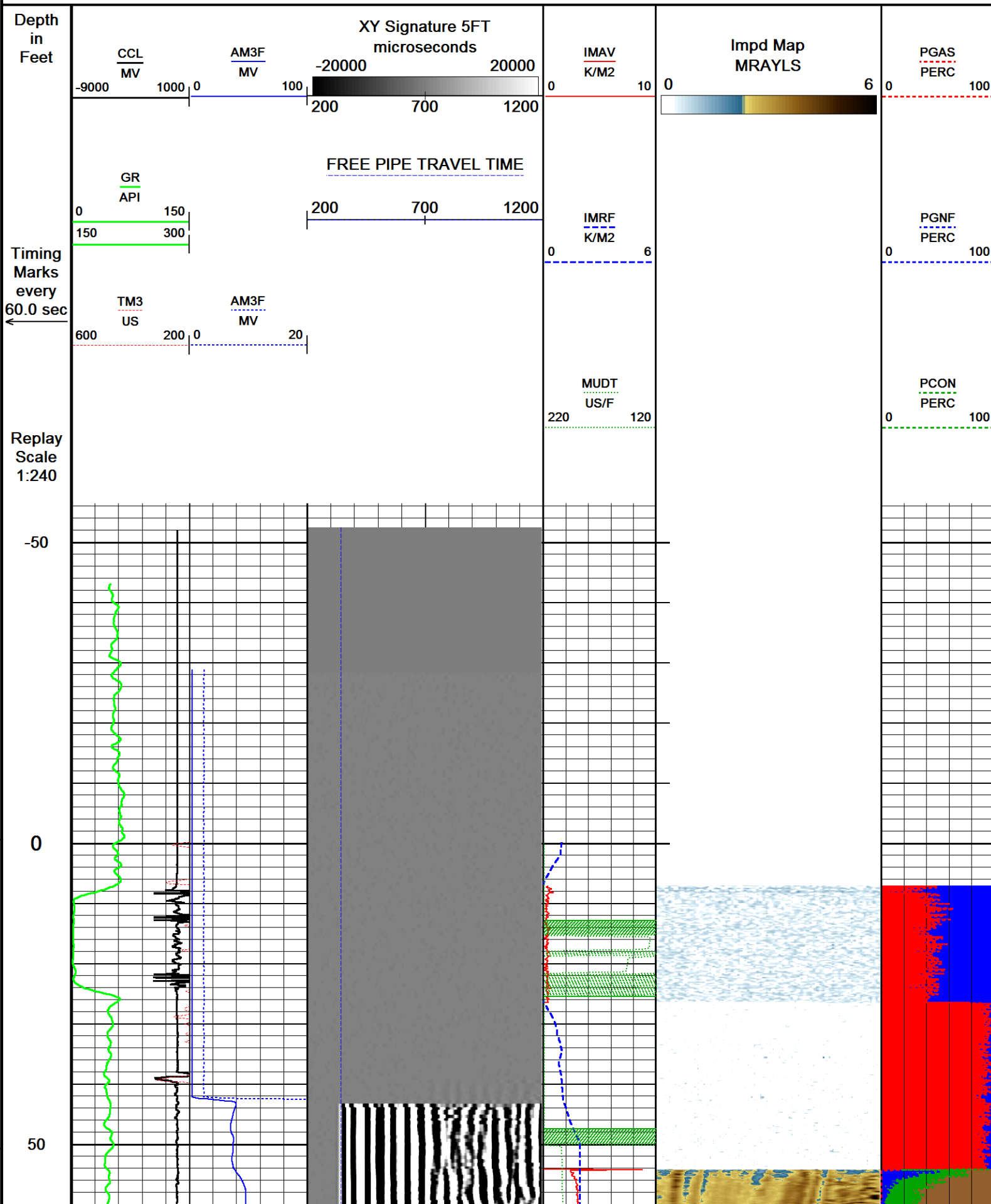
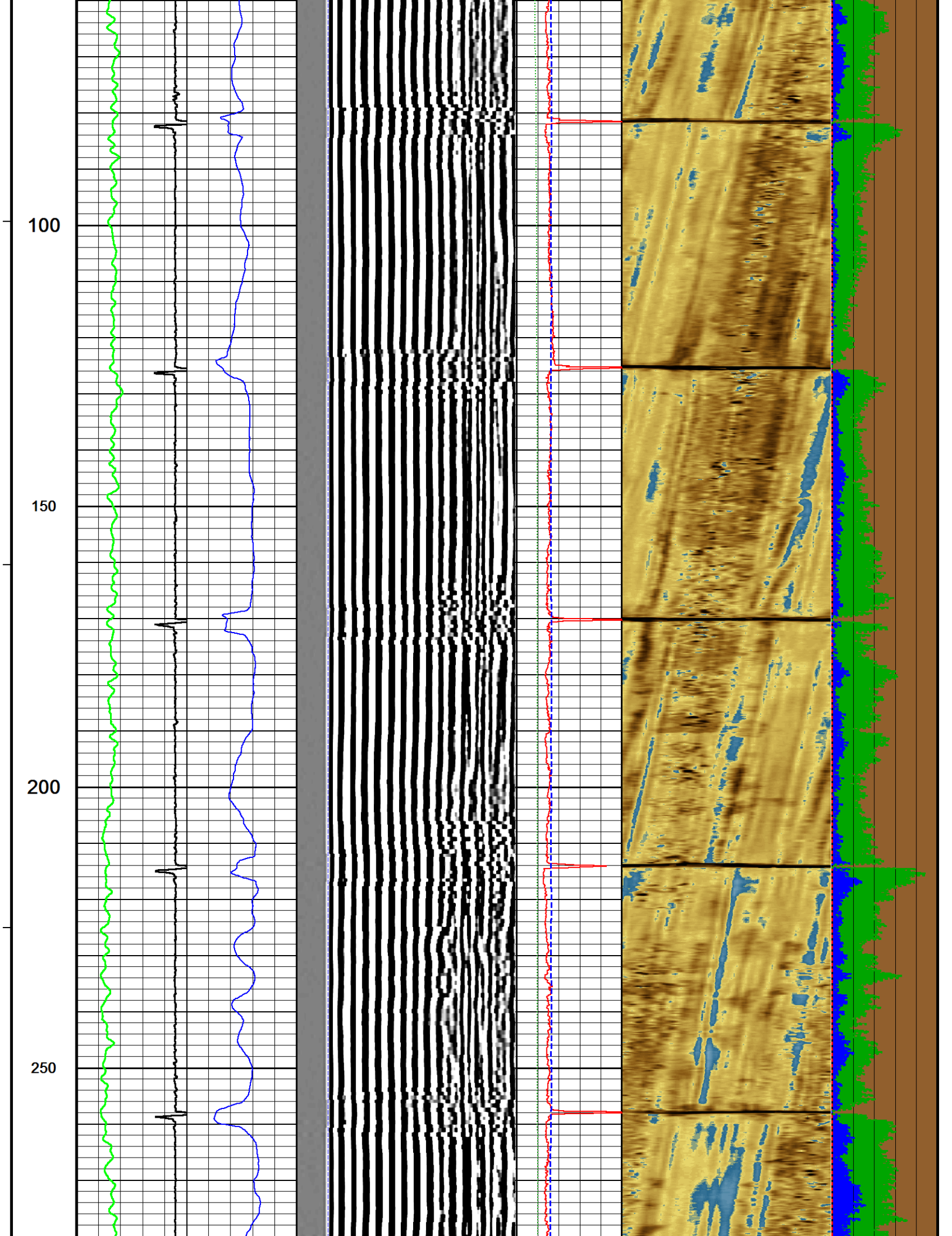
 Weatherford®				SECUREVIEW ULTRAVIEW / BONDVIEW CEMENT ANALYSIS			
COMPANY WELL FIELD PROVINCE/COUNTY COUNTRY/STATE LOCATION				EXTRACTION OIL AND GAS MICKEY #7 WATTENBERG WELD UNITED STATES / COLORADO SW NE 5-6N-67W			
SEC 5	TWP 6N	RGE 67W	Other Services	Elevations: KB DF GL			
Latitude		Longitude					
API Number		05-123-43857					
Permanent Datum GL, Elevation feet							
Log Measured From KB							
Drilling Measured From KB							
Date	24-FEB-2017	PERFORATION RECORD					
Run Number	ONE	Shot	Number	Depth From	Depth To		
Service Order	7145-174902485	Density	of Shots	feet	feet		
Type Log	URS / CBT						
Depth Driller							
Depth Logger	6650.00	feet					
Top Log Interval	0.00	feet					
Bottom Log Interval	6650.00	feet					
Hole Fluid Type	WATER BASED						
Hole Fluid Level	75.00	feet					
Restriction ID	4.653	inches	Gun Type				
Max Recorded Temp	187.00	deg F	Gun Size				
Well Head Pressure	0.00	psi	CASING / TUBING RECORD				
Well Head Equipment	NONE	Size	Weight	Depth From	Depth To		
Time Well Ready	ON ARRIVAL	inches	pounds/ft	feet	feet		
Time Logger Bottom	7:00	9.625	36.00	0.00	1565.00		
Unit	14329	5.500	20.00	0.00	17360.00		
Equipment Name	WSS-E						
Base	CASPER						
Recorded By	K. HUSETH						
Witnessed By	NOT WITNESSED						

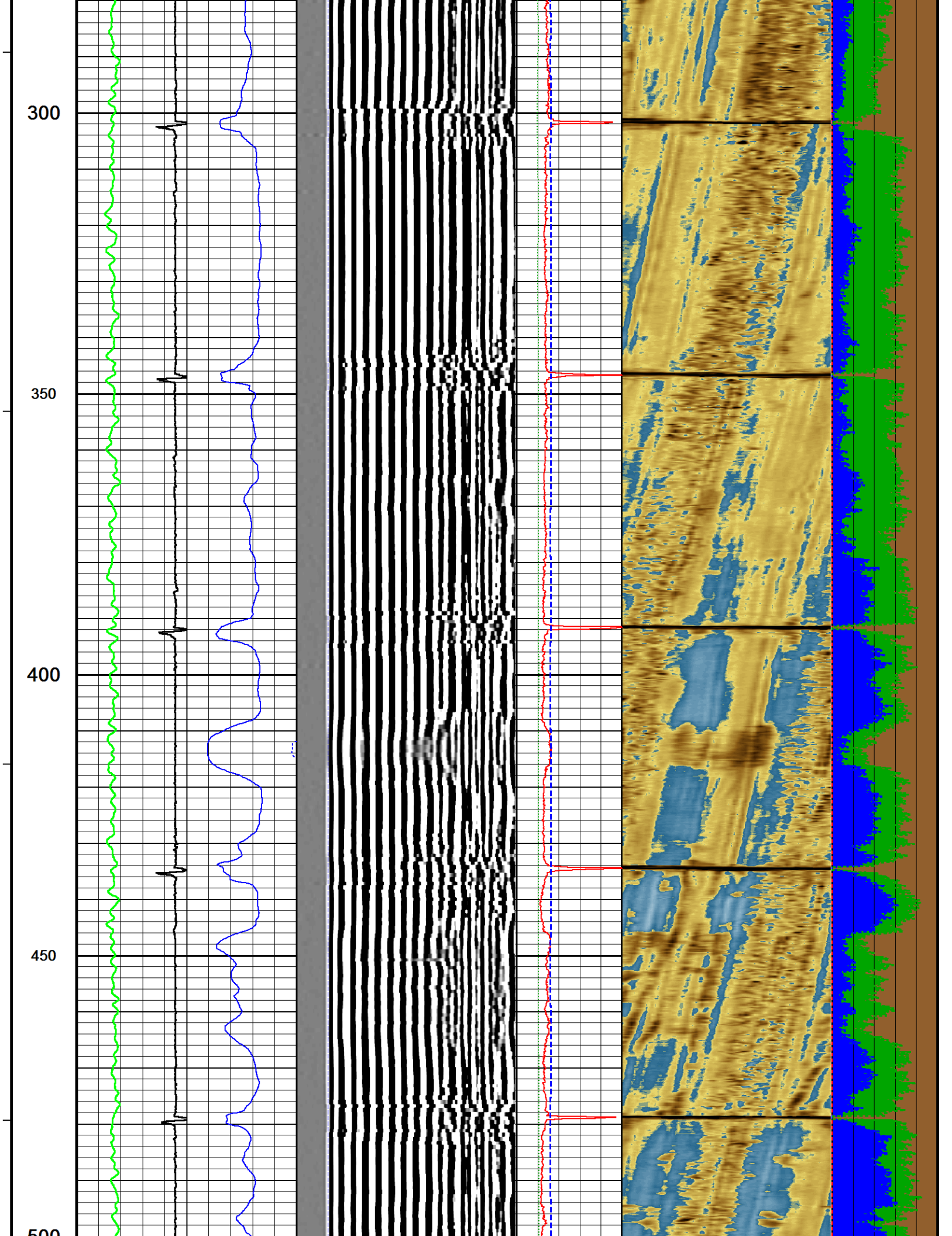
CASING / TUBING RECORD						
Type	Grade	TypeJoint	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE			9.625	0.00	1565.00	36.00
PRODUCTION			5.500	0.00	17360.00	20.00

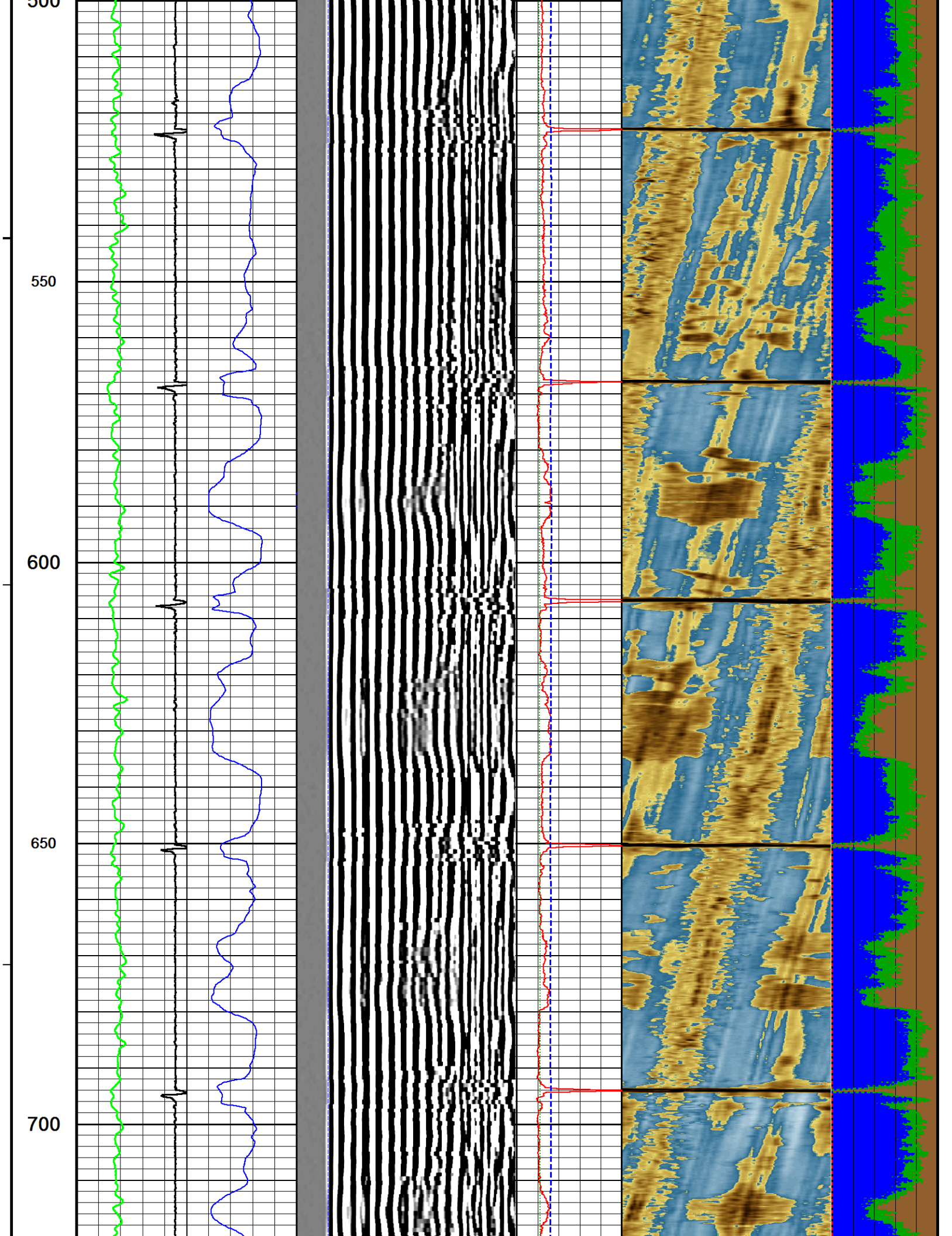
REMARKS
SECUREVIEW ULTRAVIEW LOG CORRELATED TO RIB KB AT 25 FT ABOVE GROUND LEVEL
LOGGING INTERVAL WAS STARTED AT ROUGHLY 50 FT ABOVE THE KICK OFF POINT
TOOL EXPERIENCED DECENTRALIZATION AT SEVERAL POINTS THROUGHOUT THE LOG CAUSING THE RADIUS MEASUREMENTS AND IMPEDANCE VALUES TO BE GREATLY AFFECTED. THESE VALUES SHOULD BE CONSIDERED INVALID OVER THESE AREAS

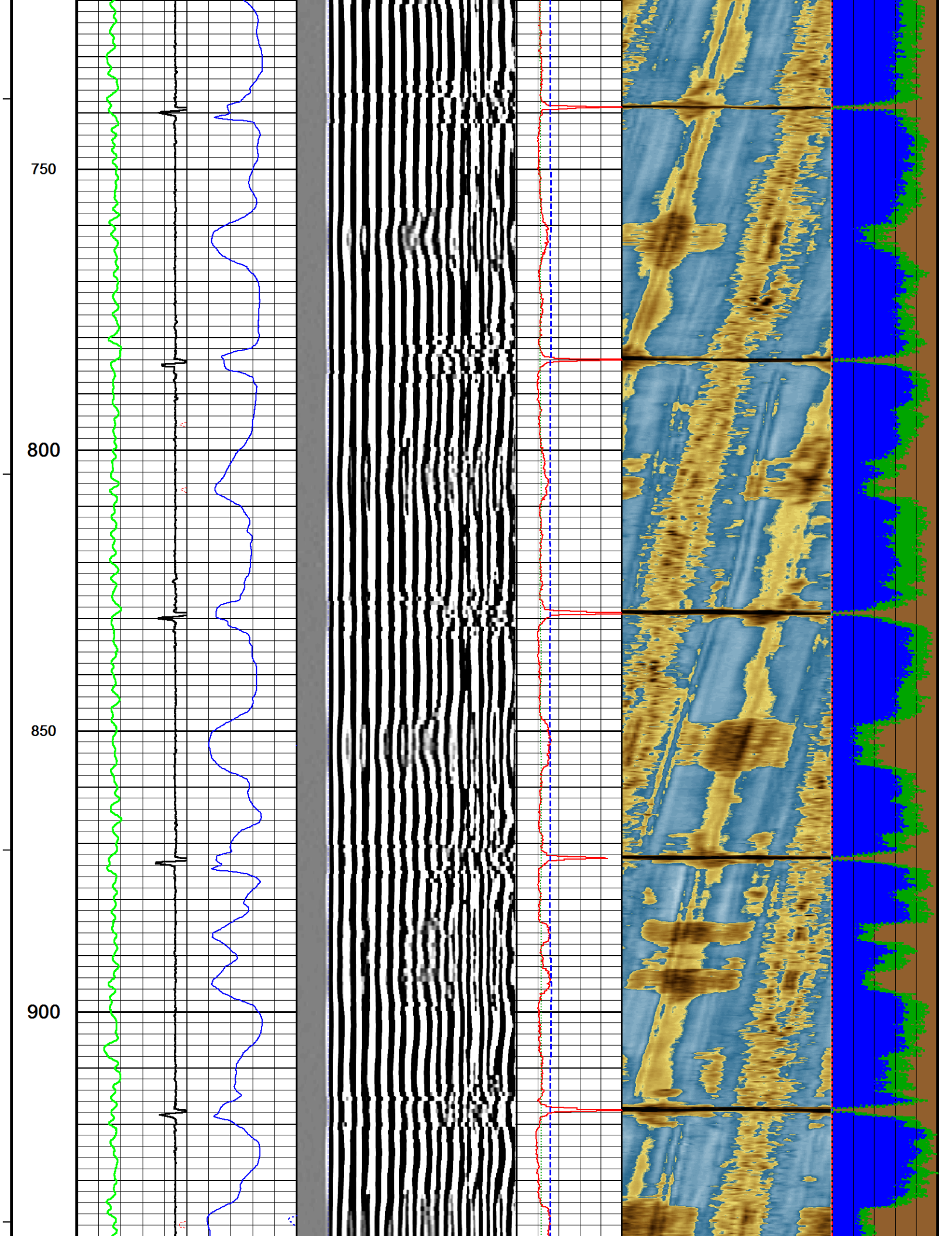
<p>In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.</p>
--

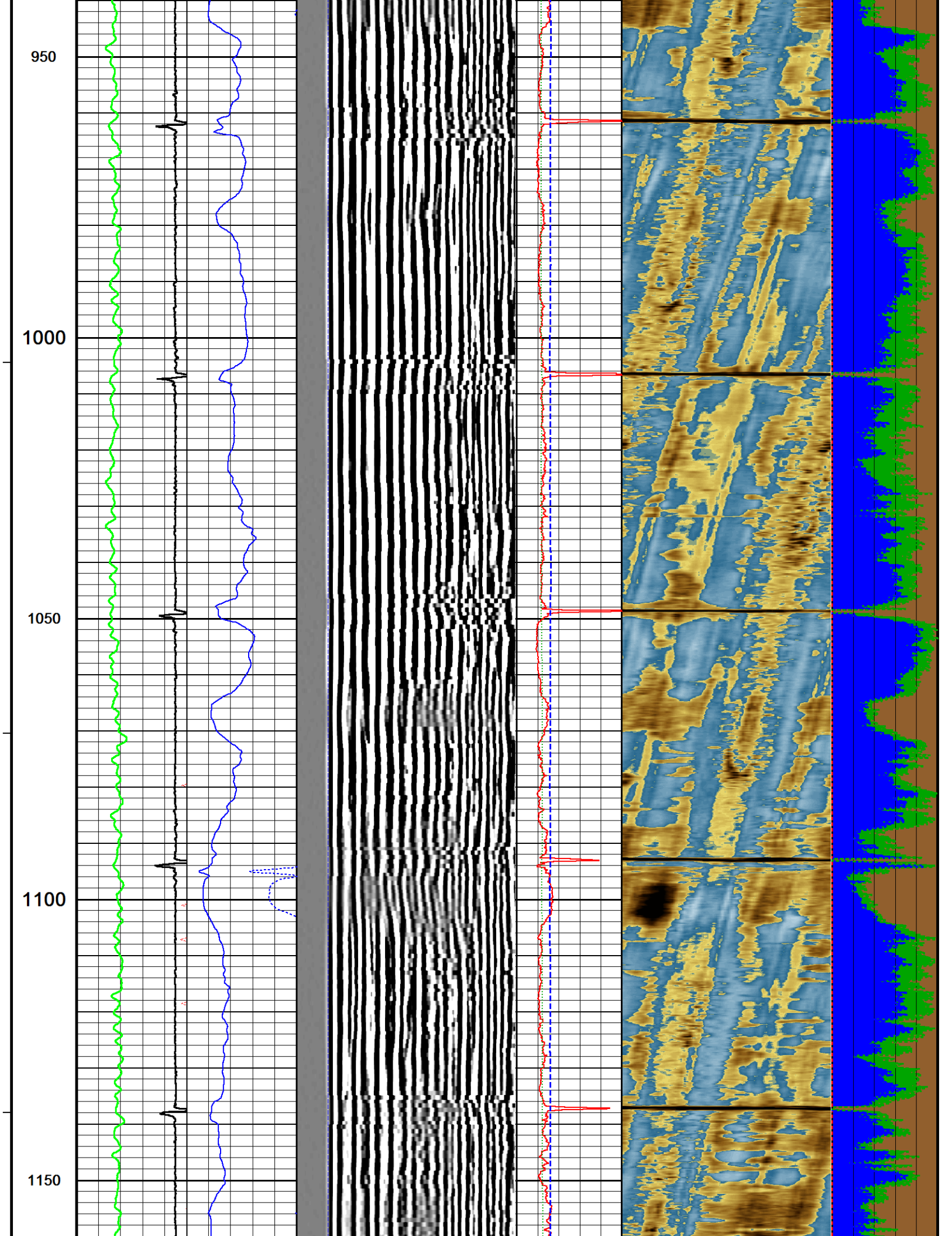


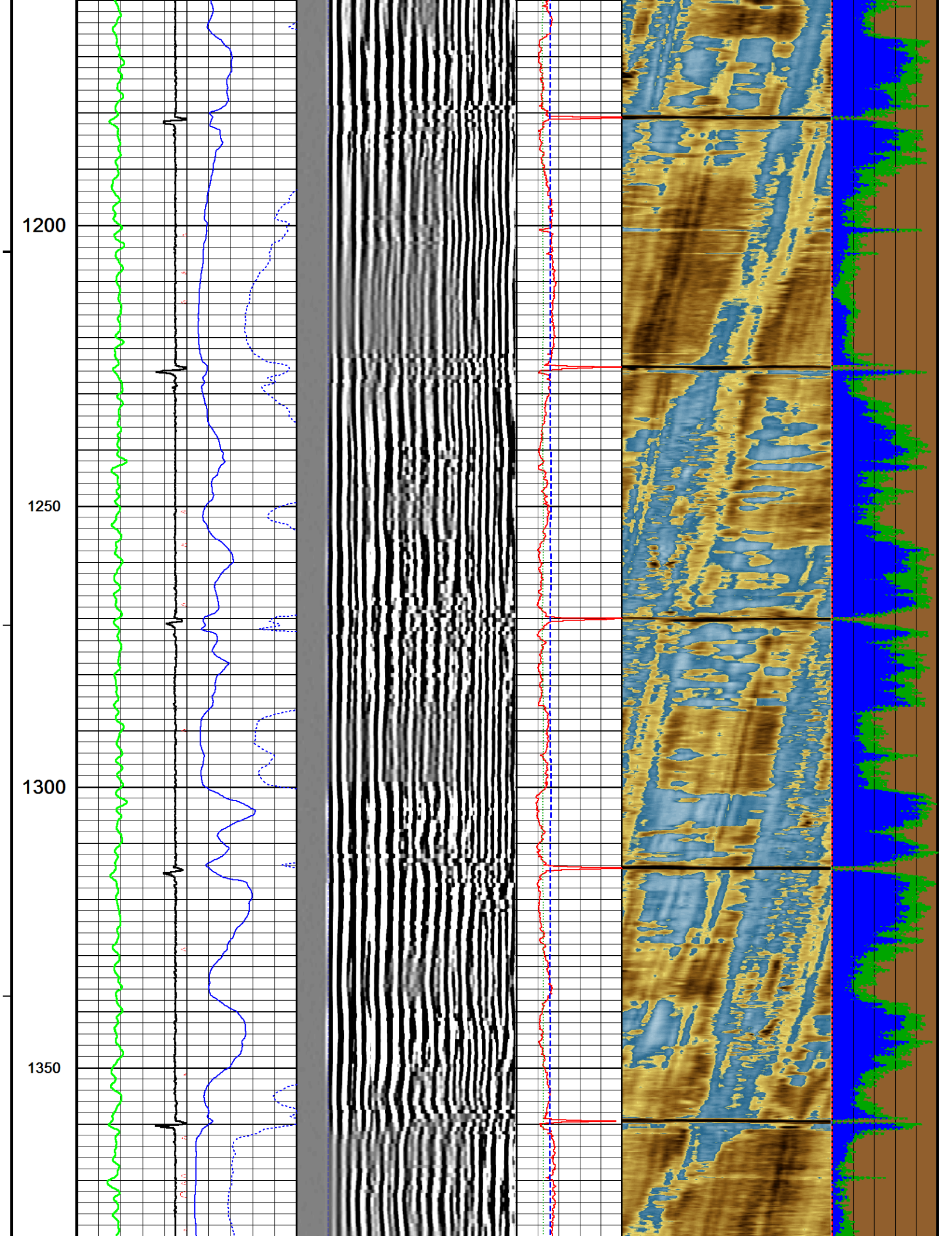


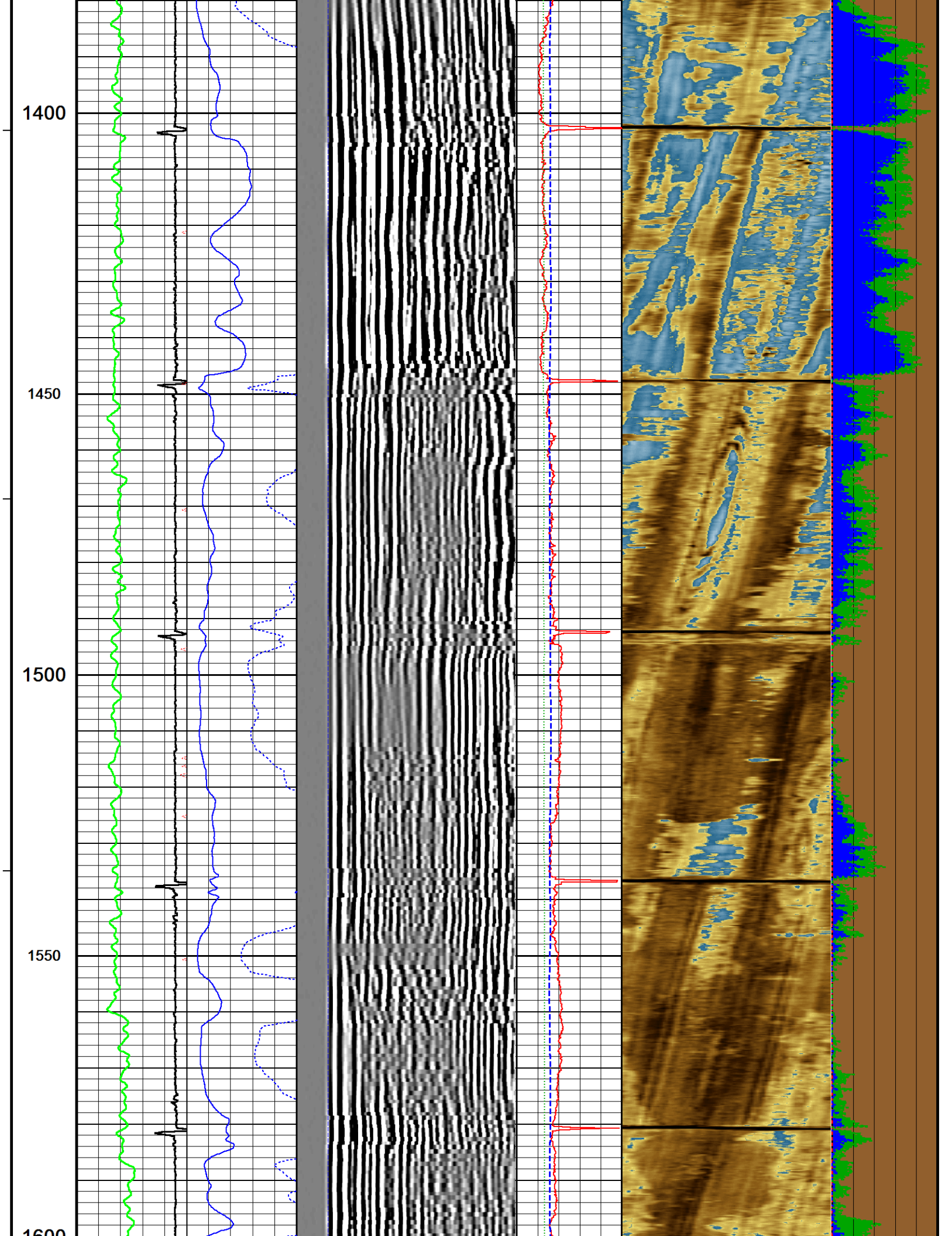


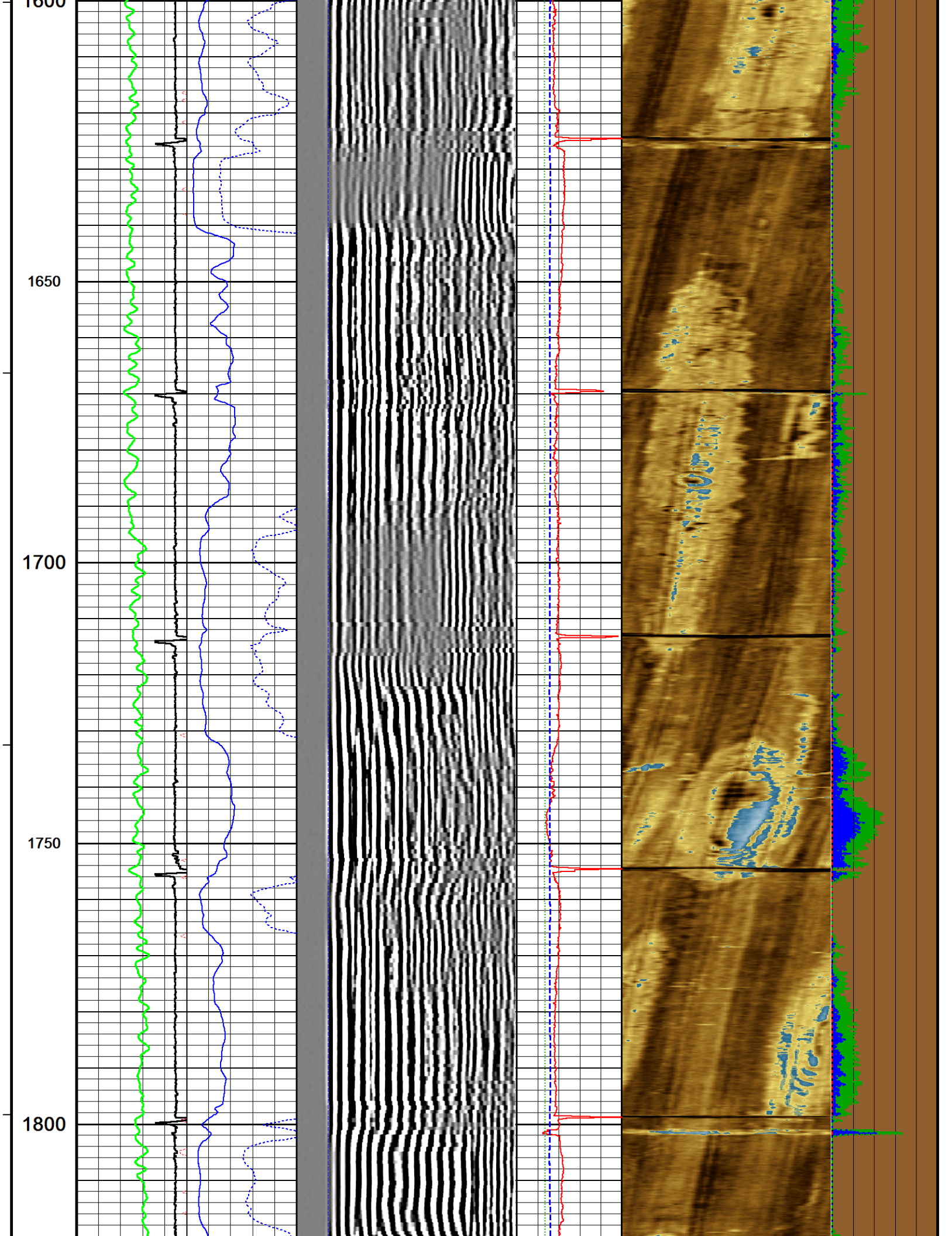


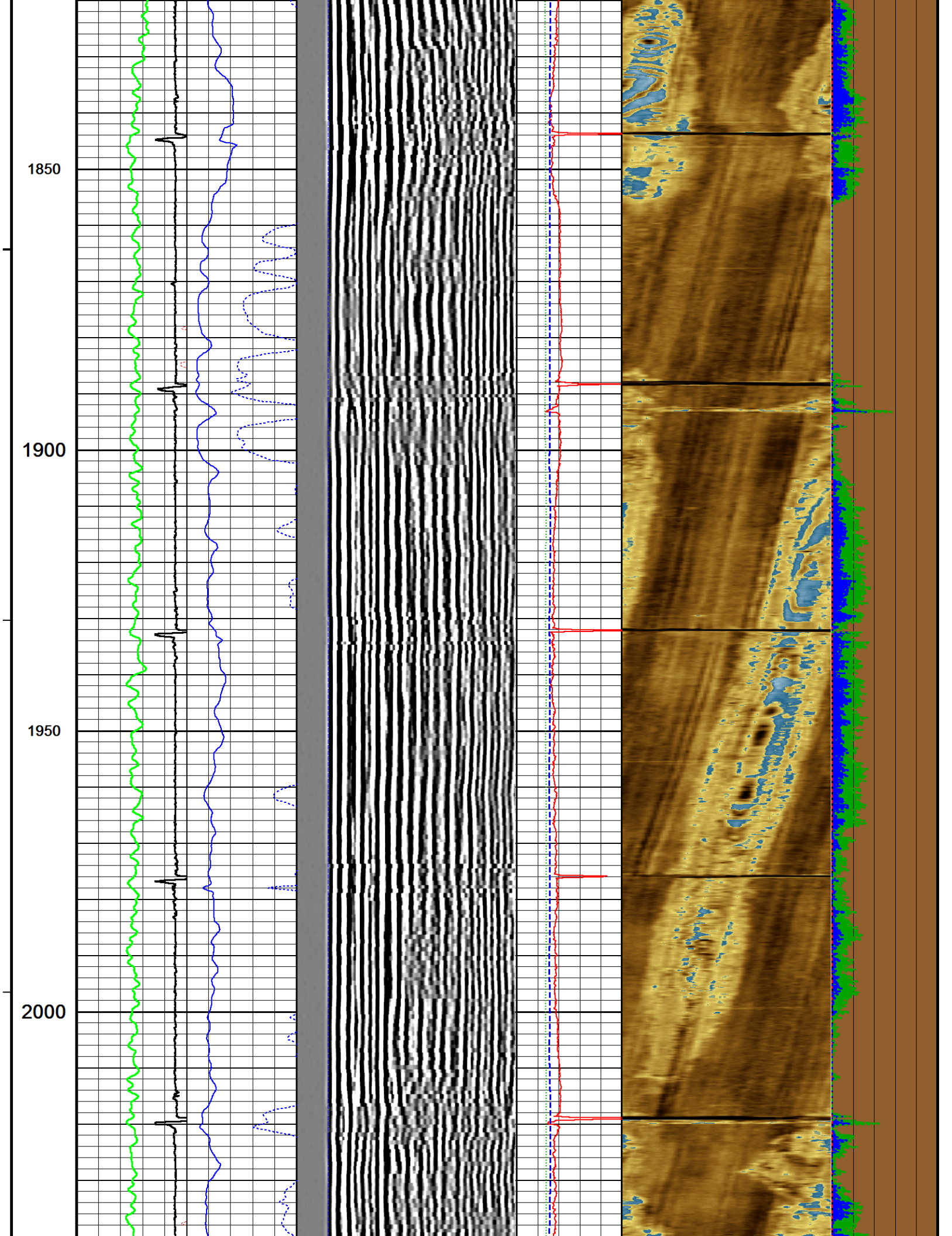


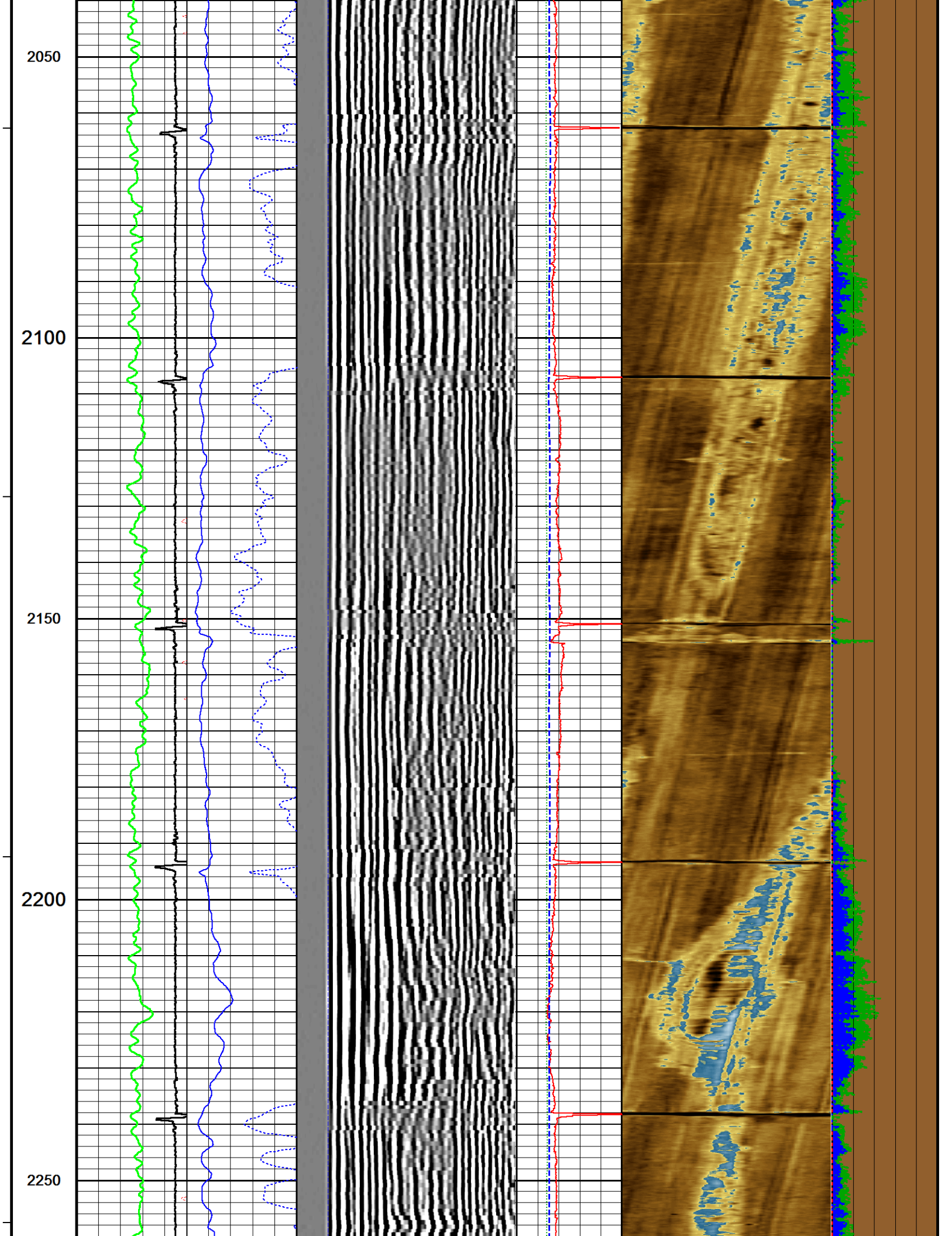










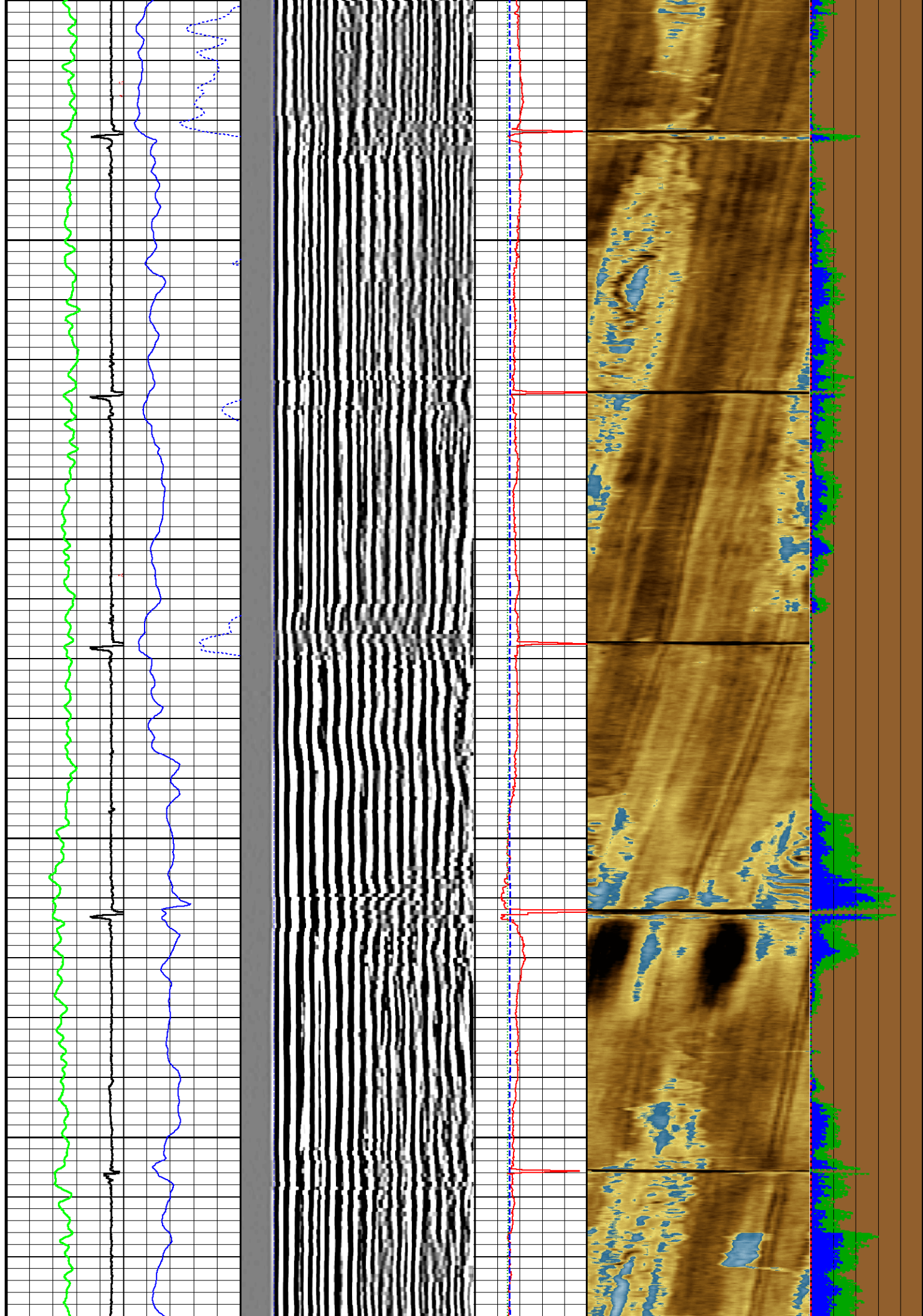


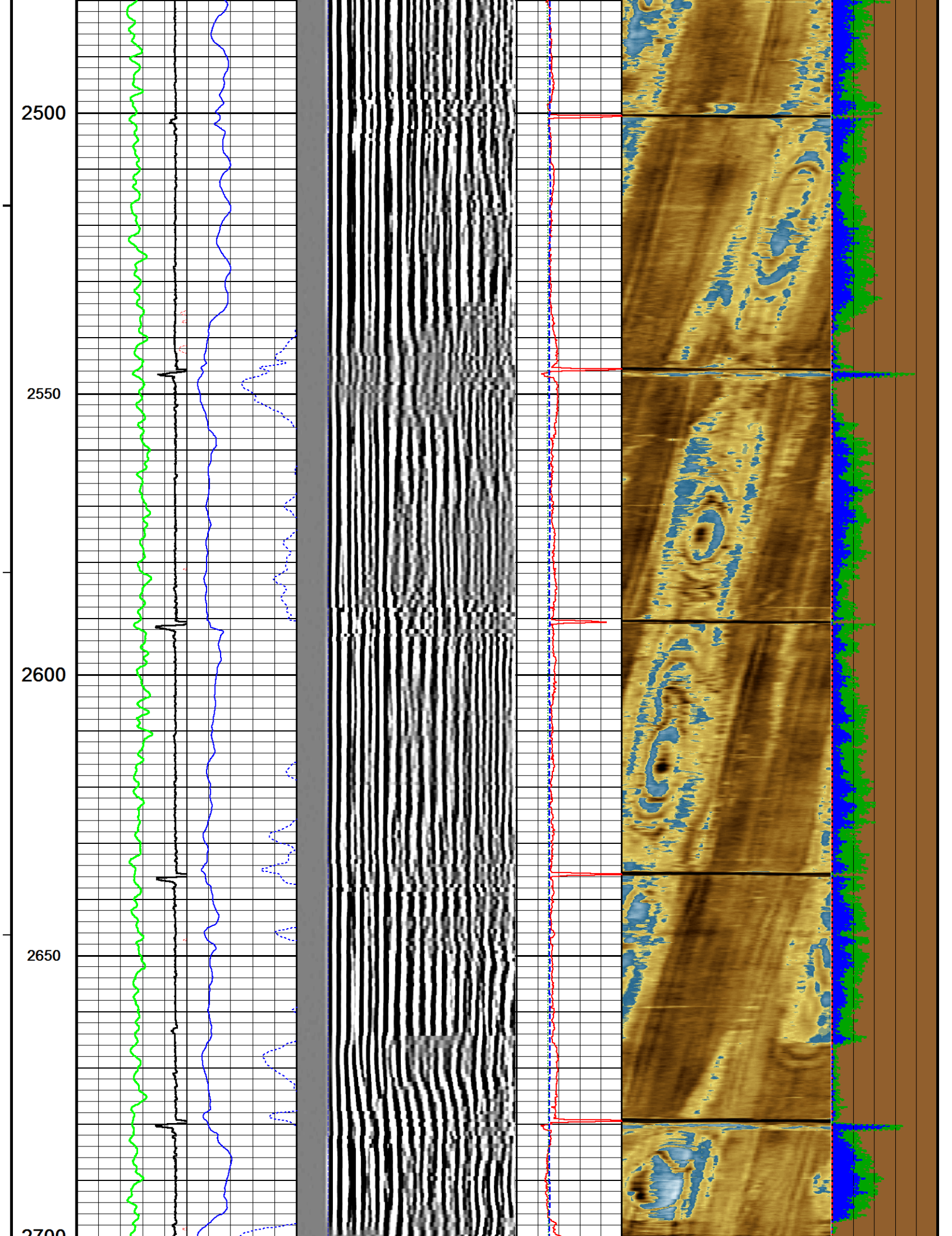
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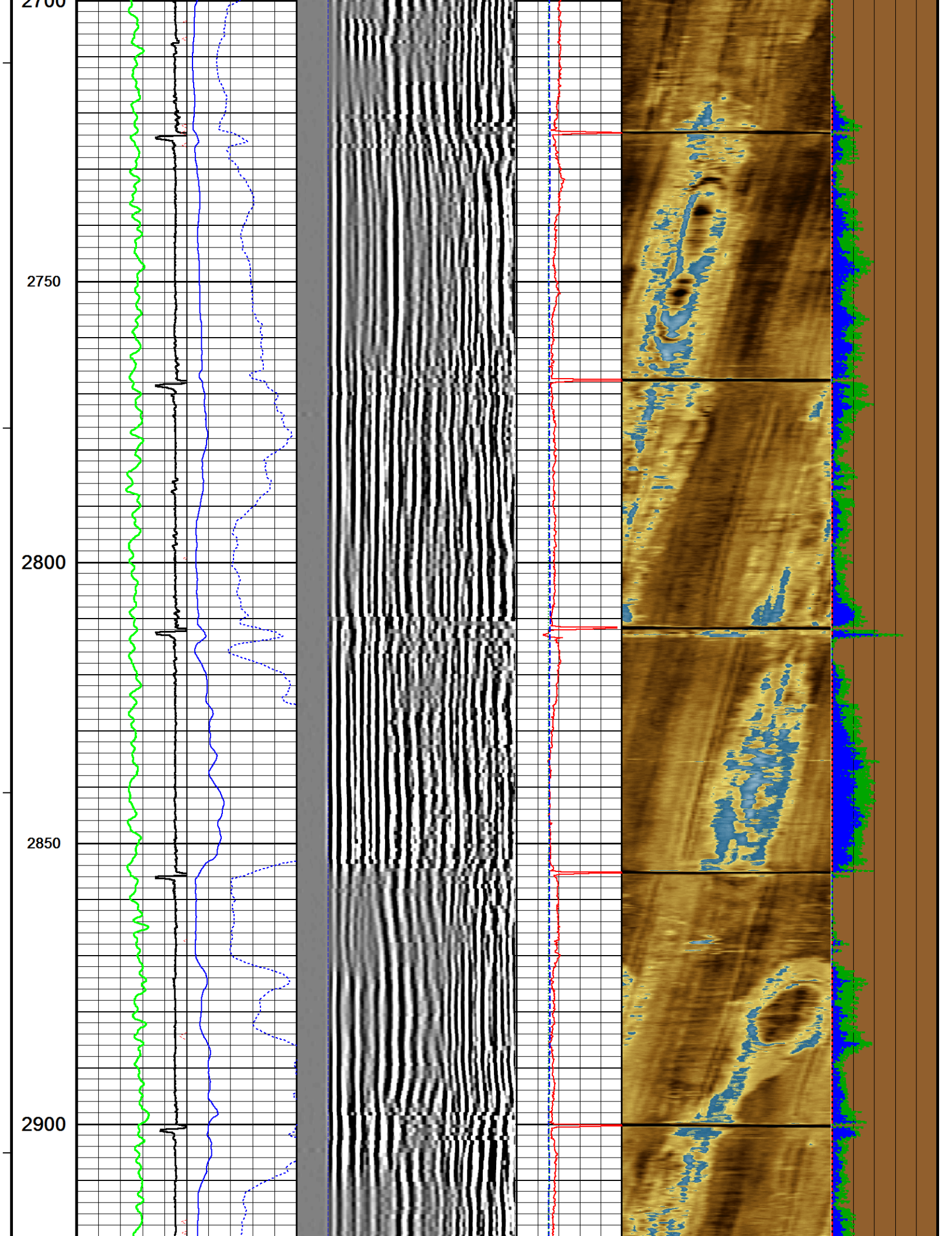
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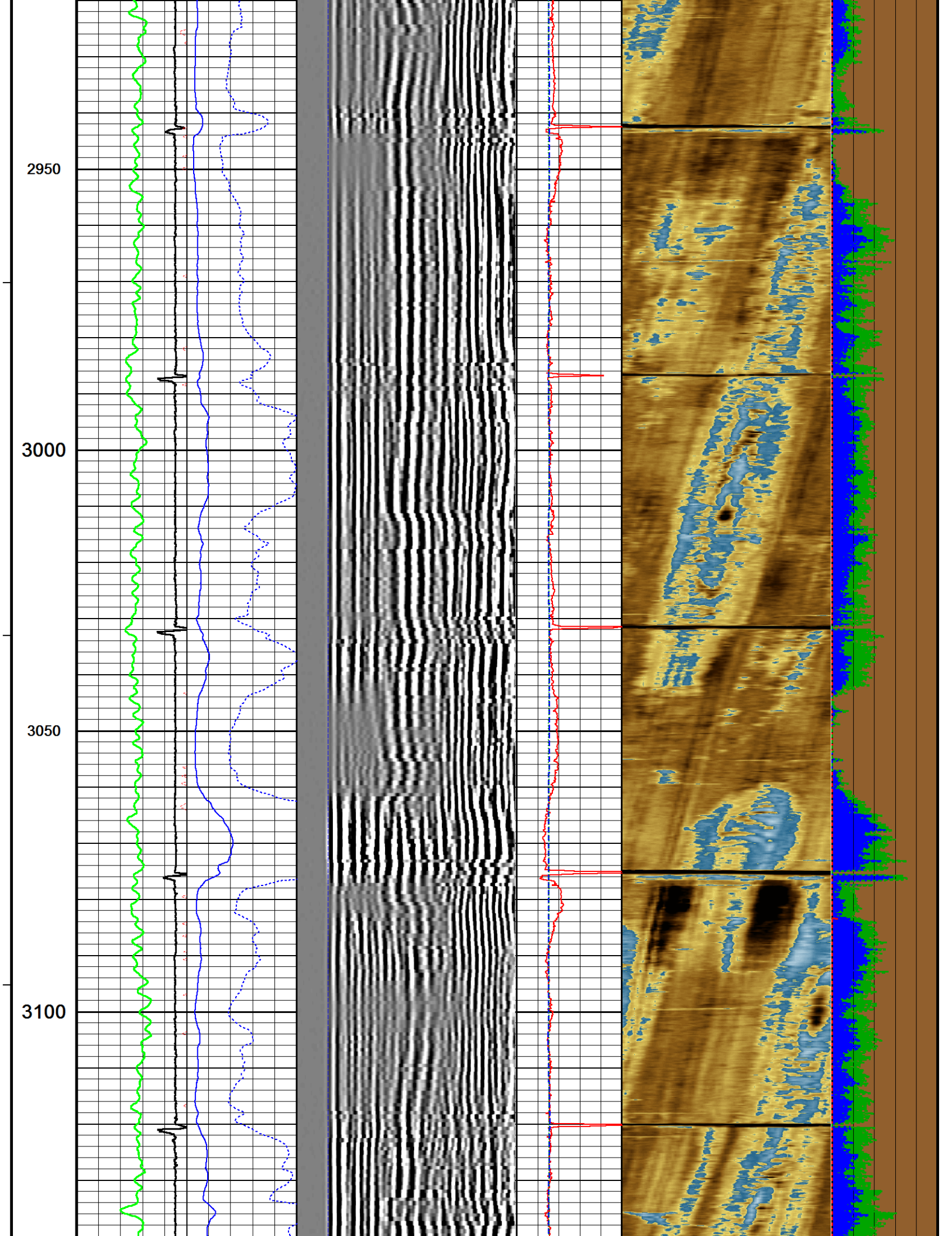
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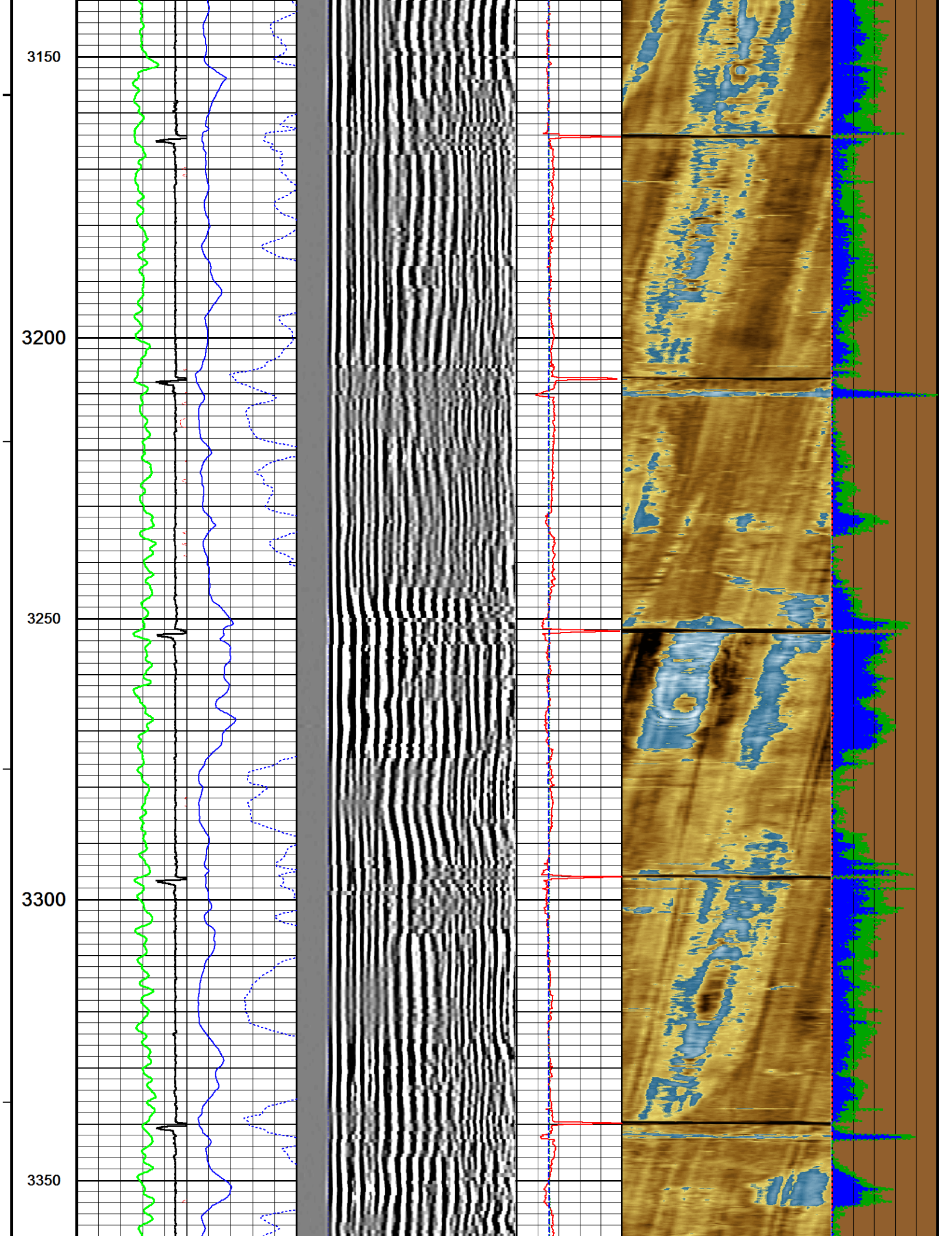
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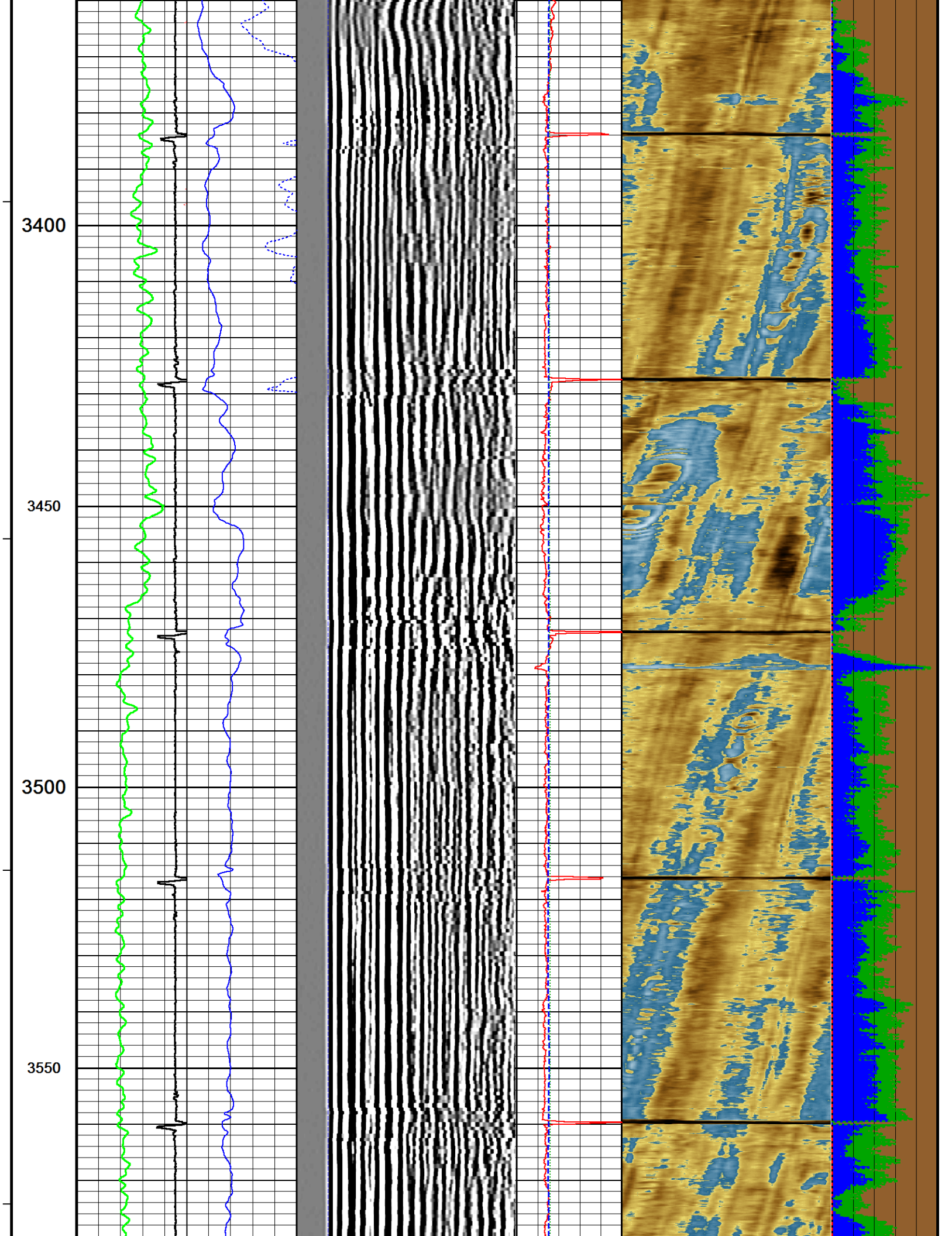


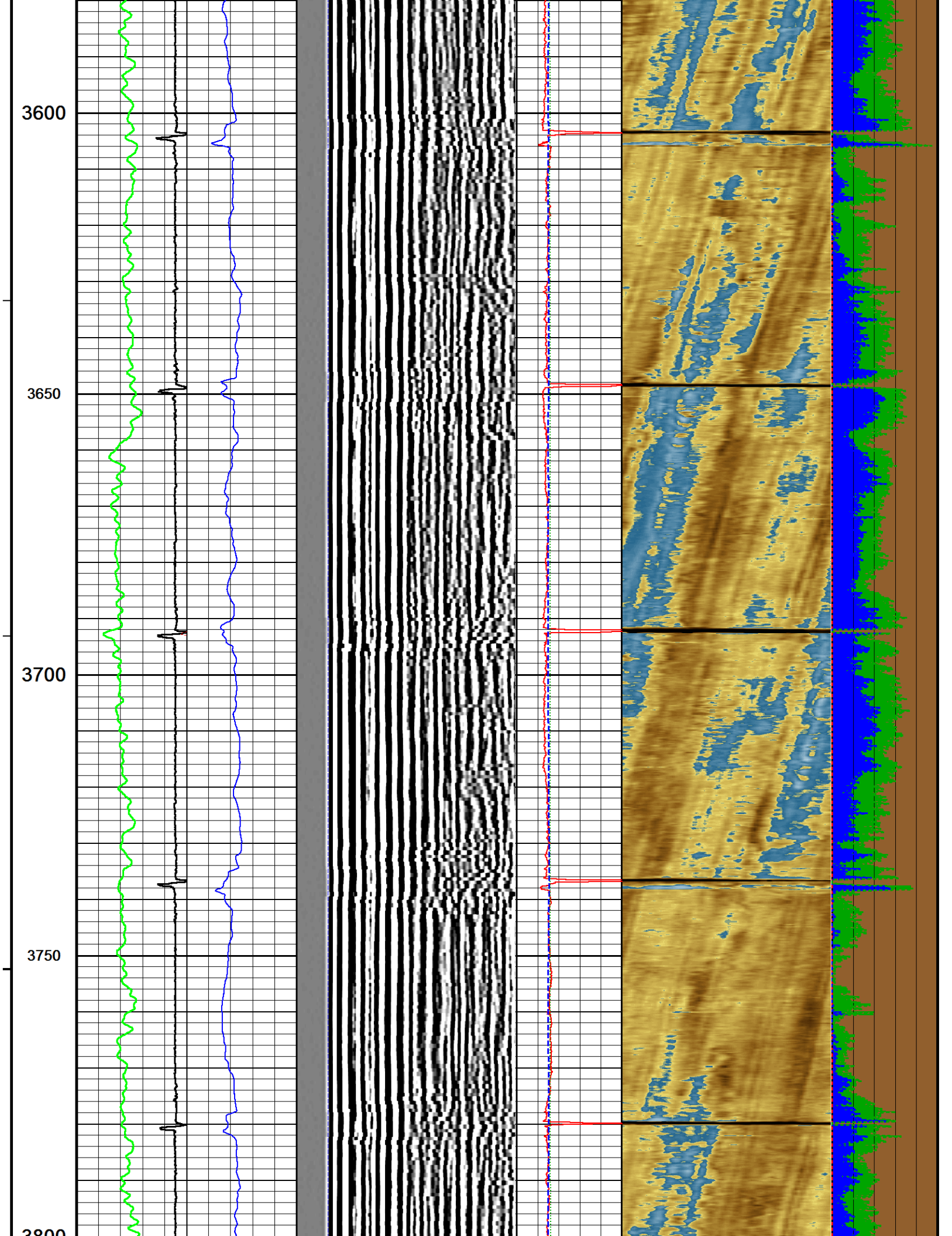


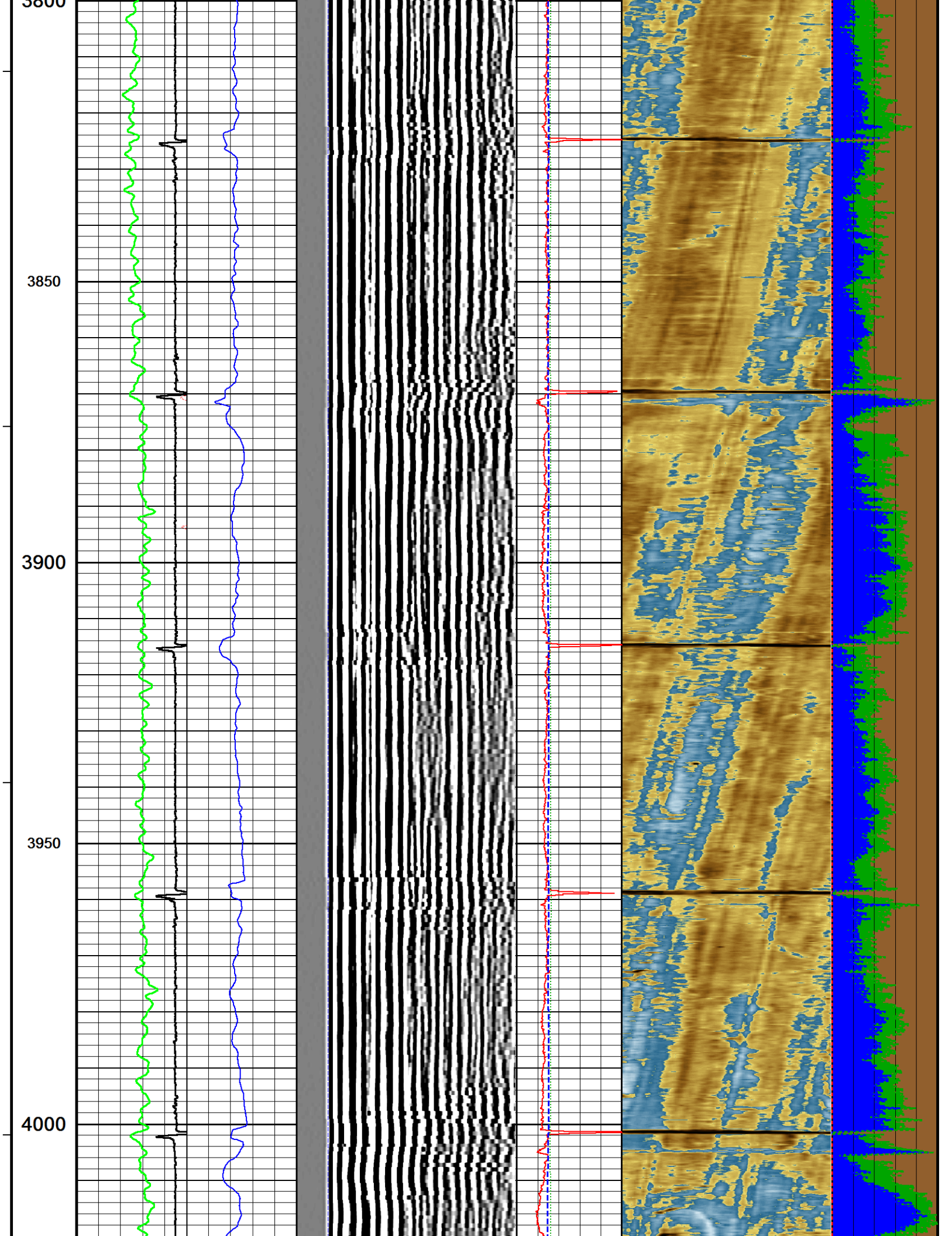


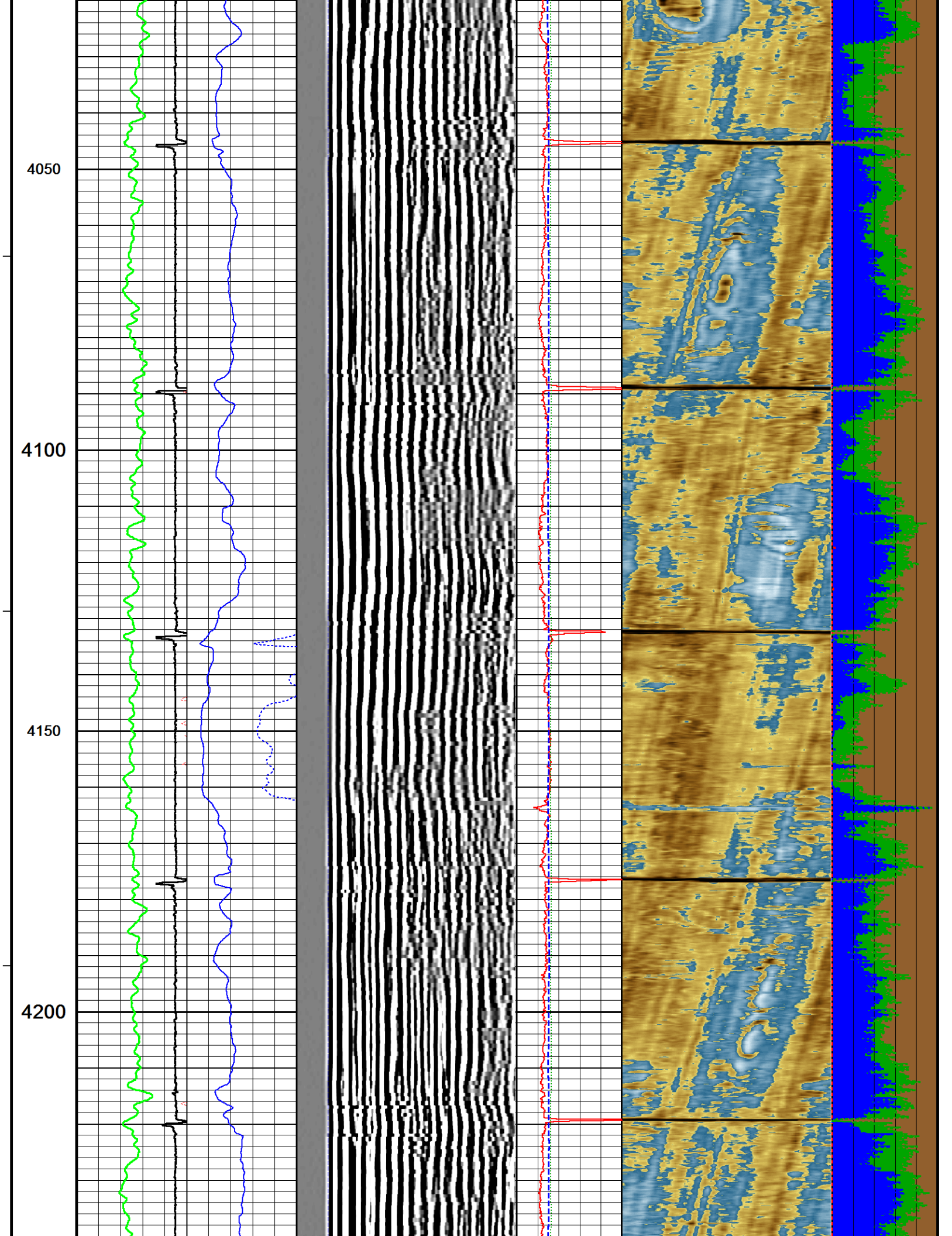


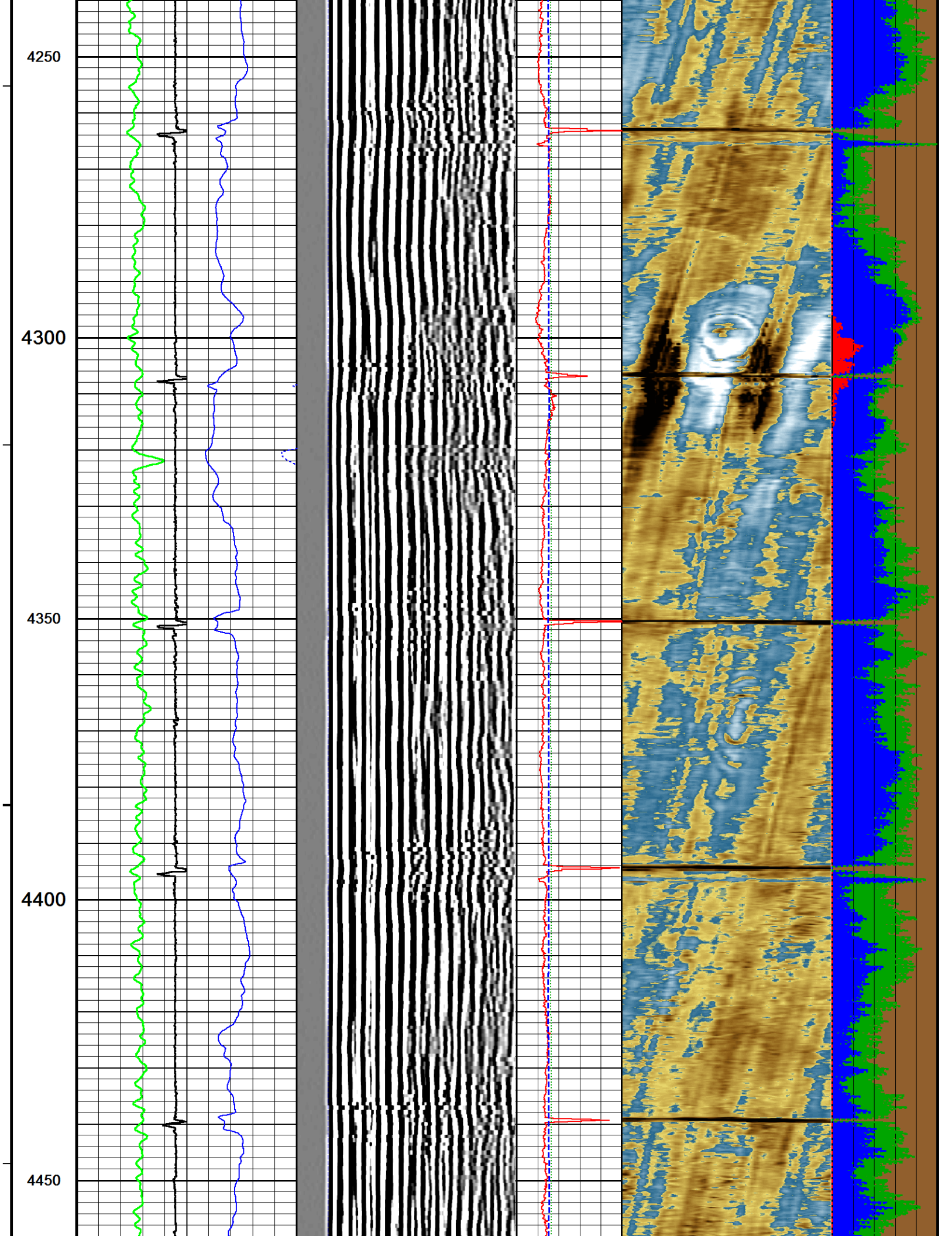










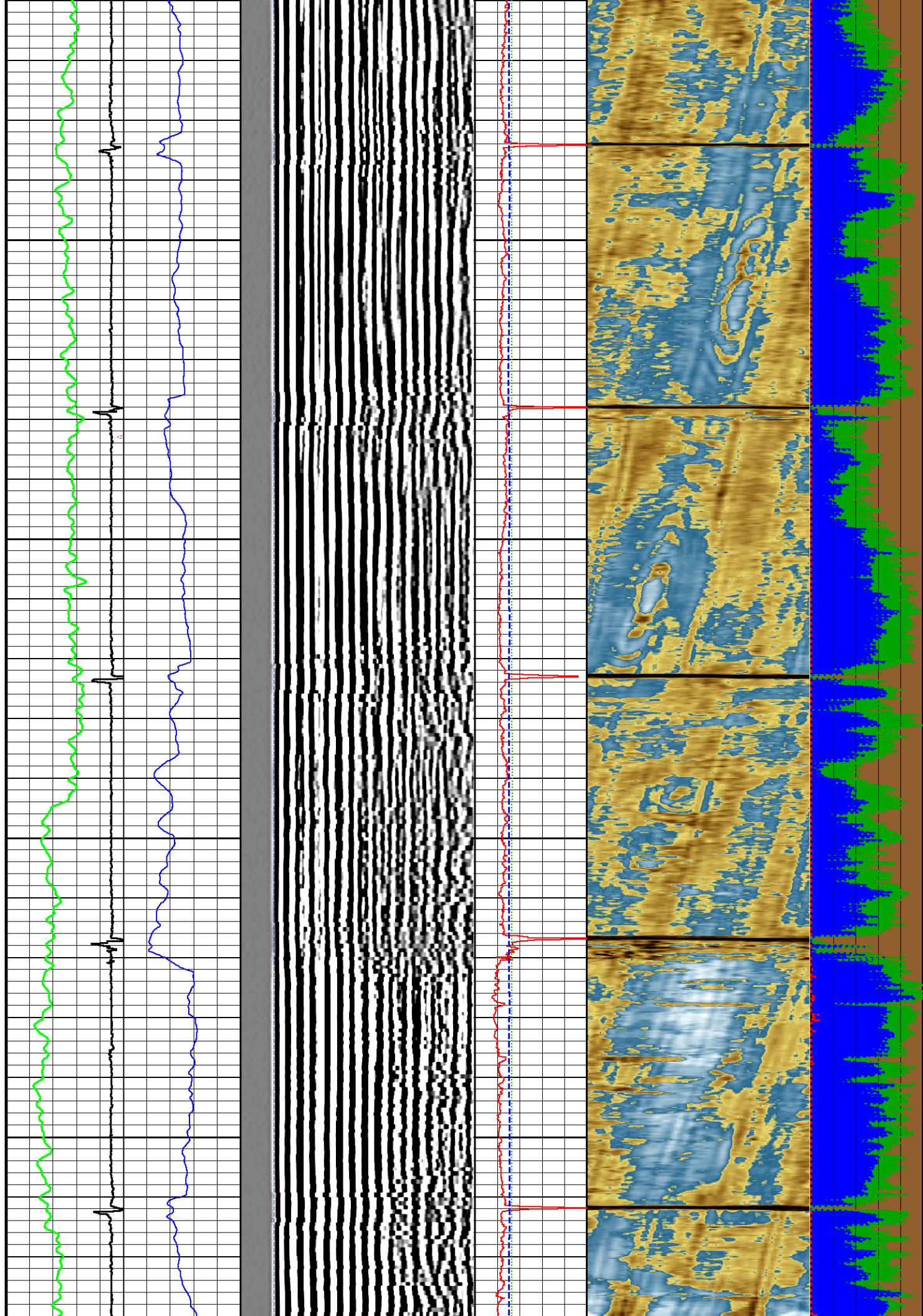


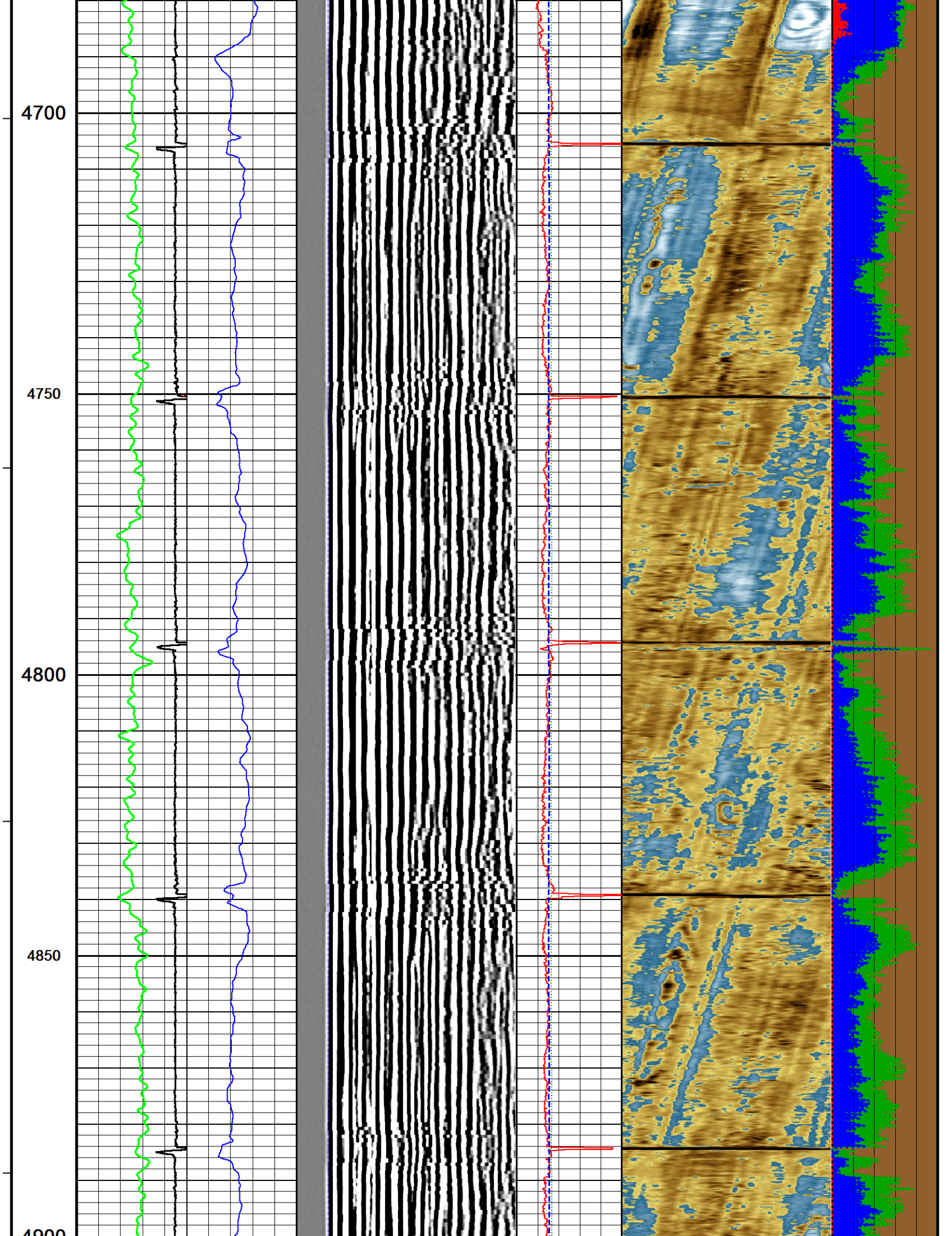
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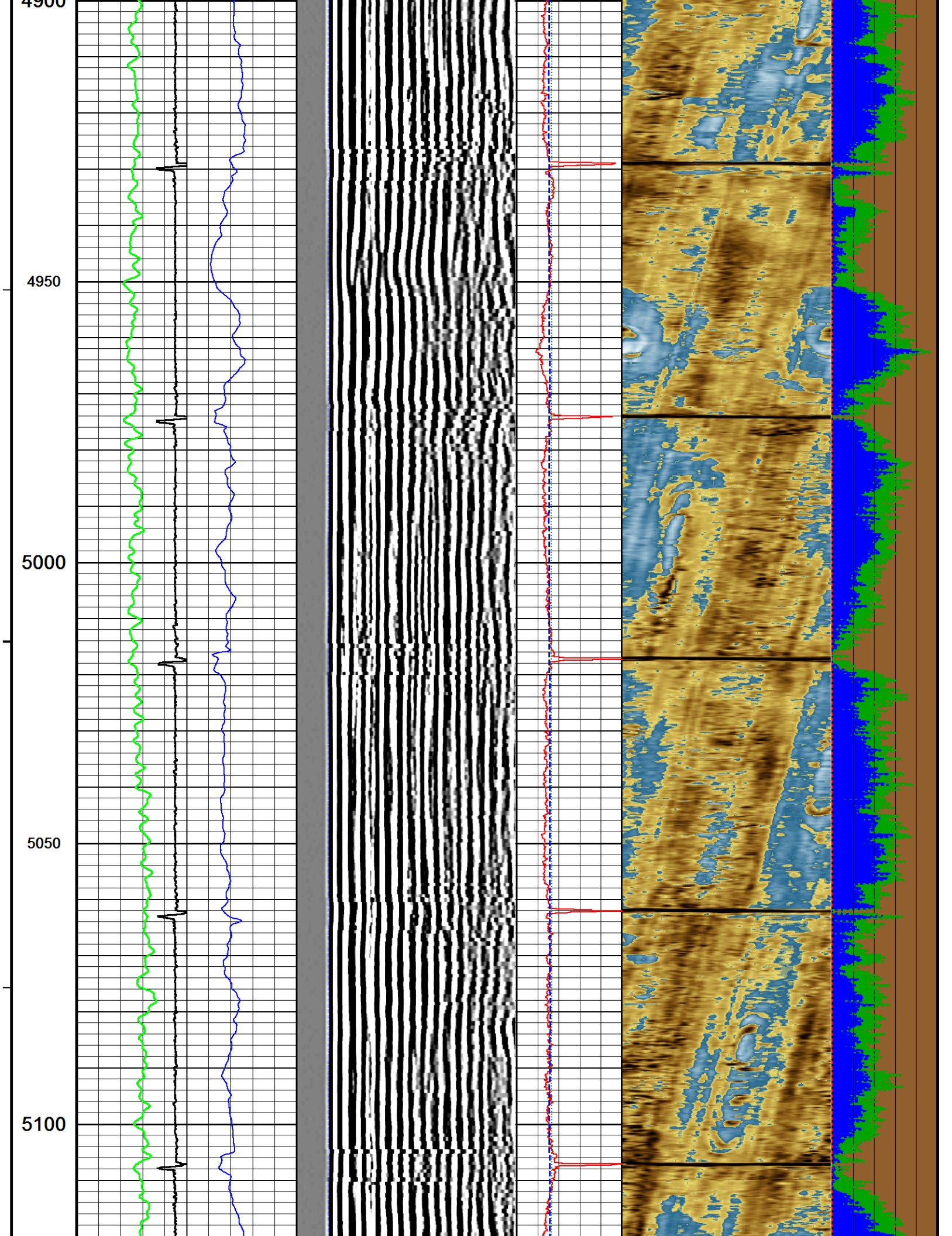
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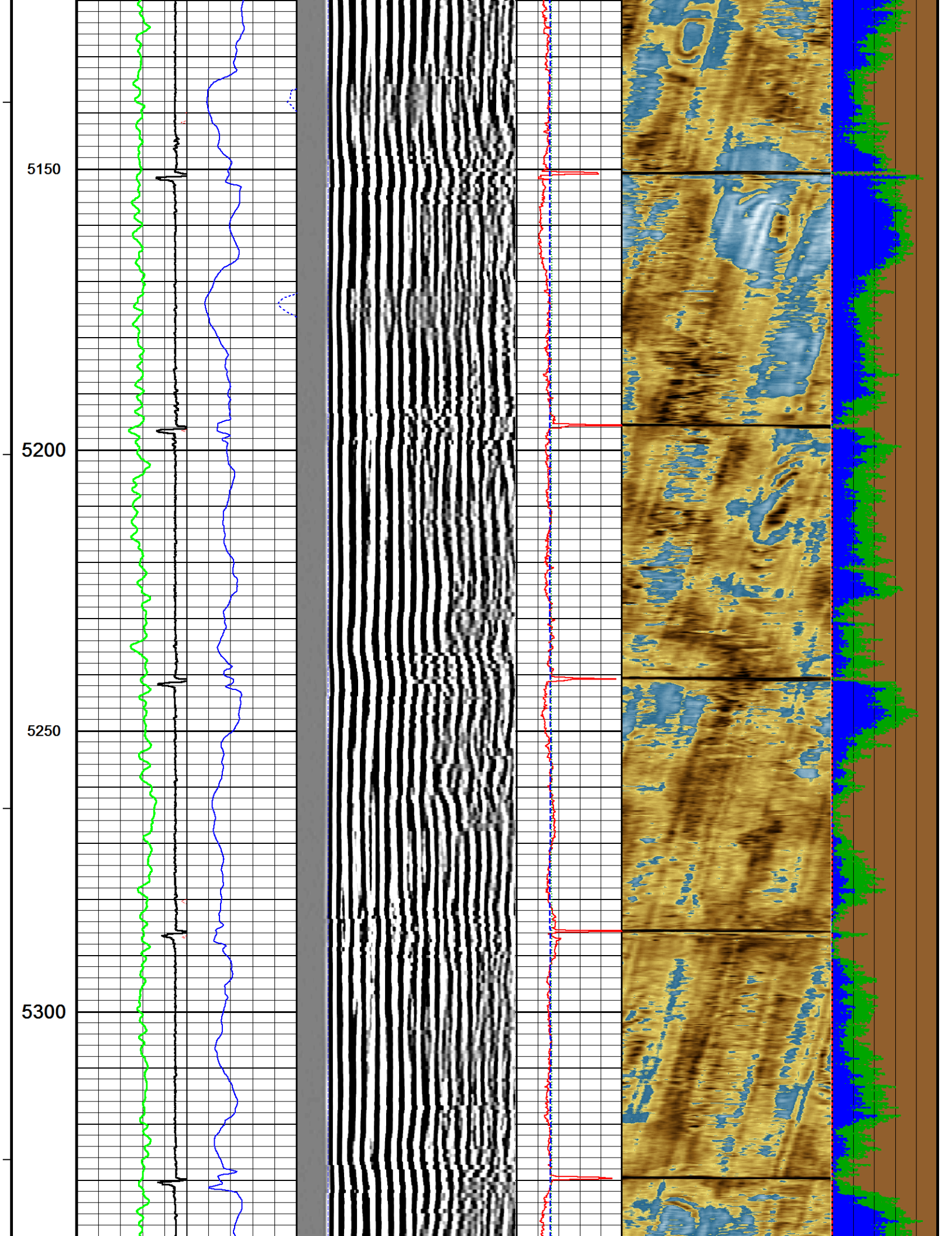
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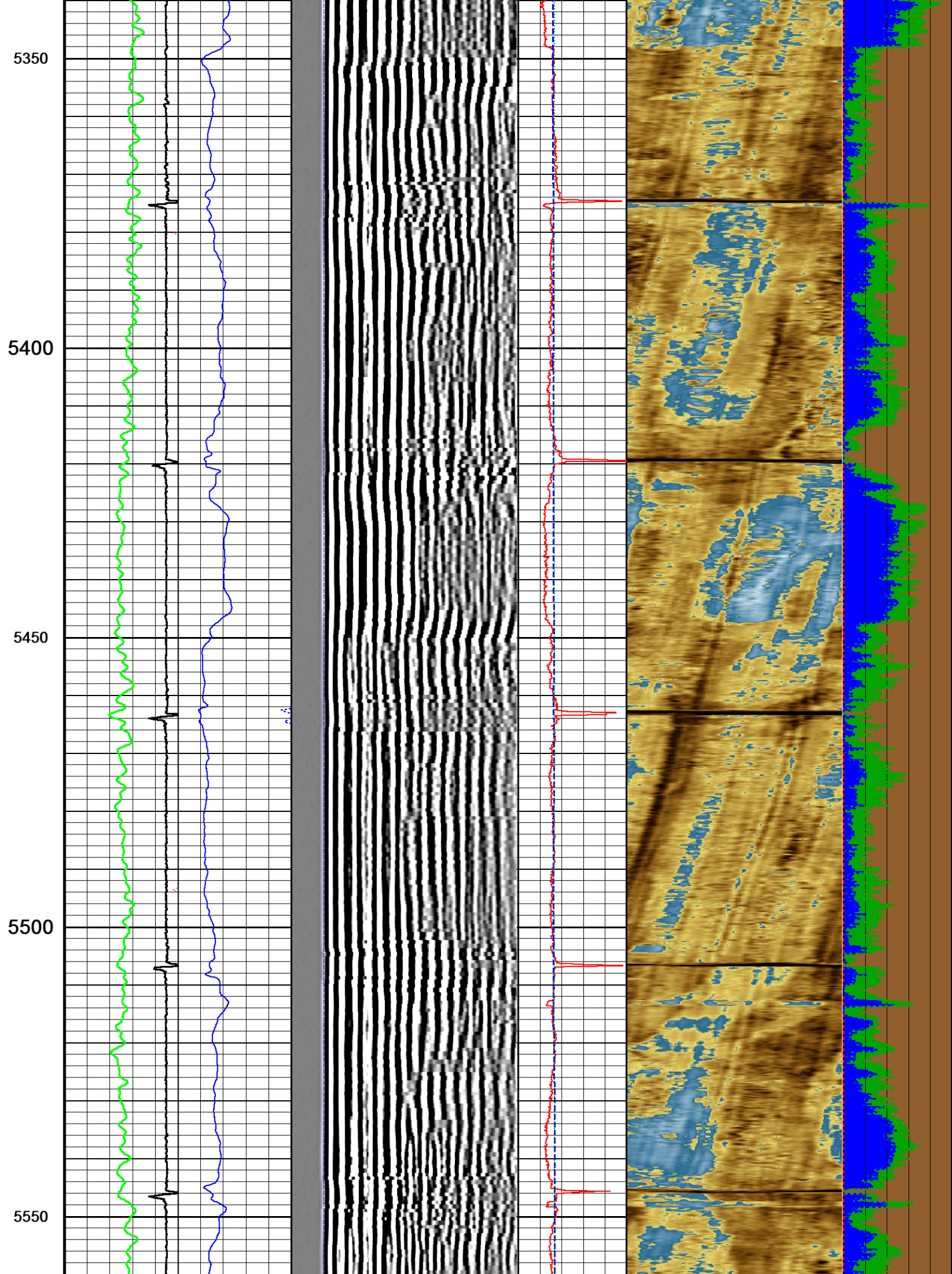
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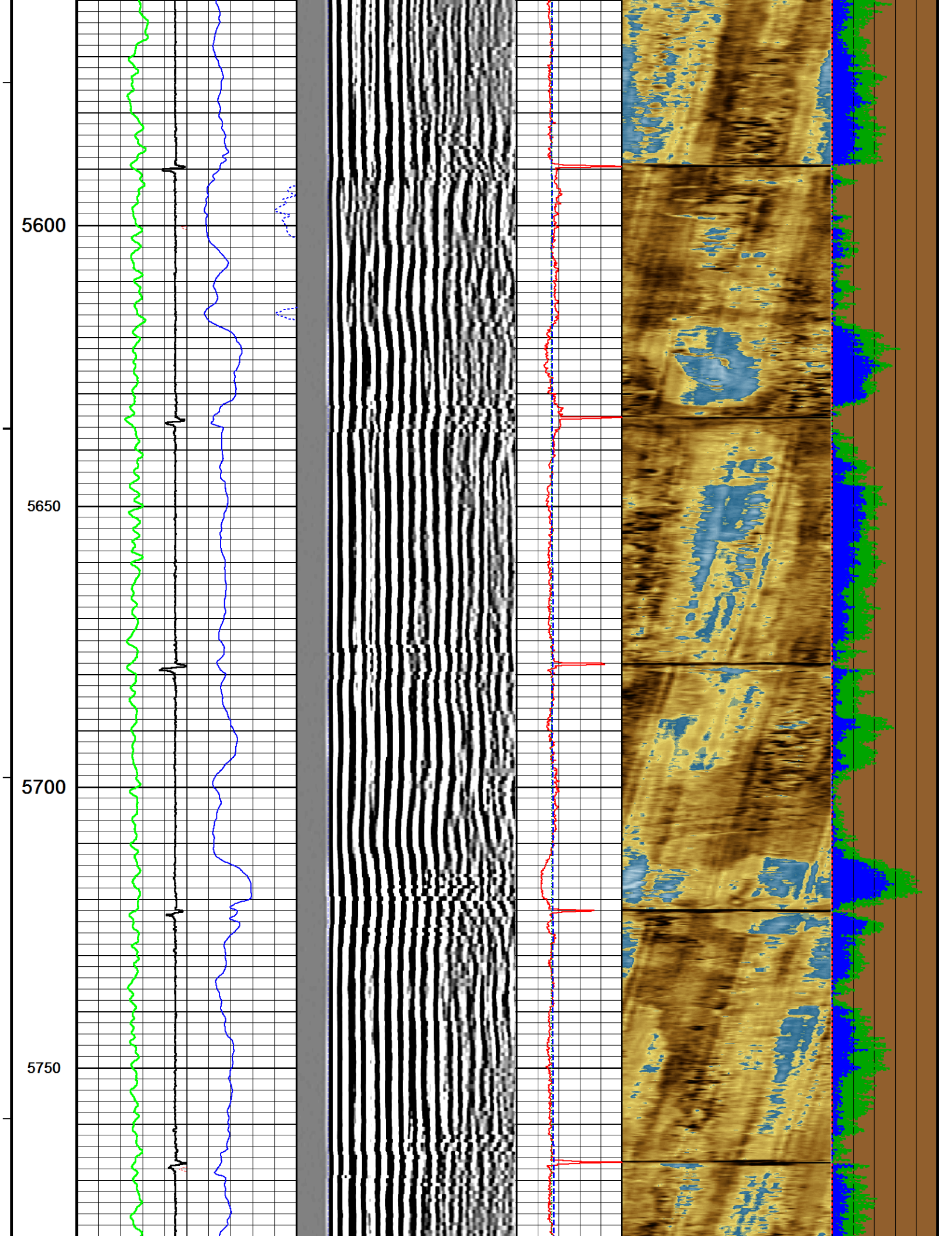


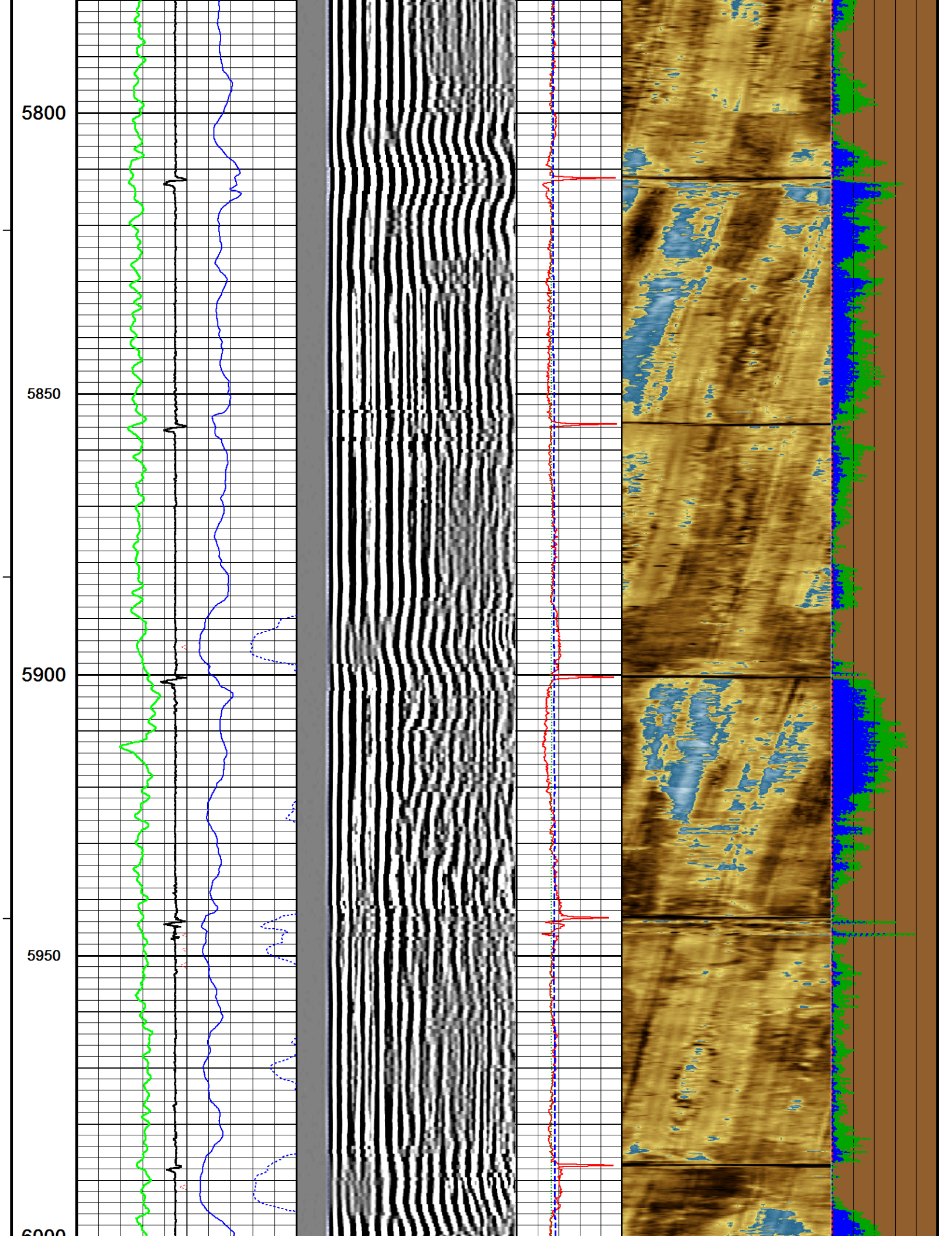


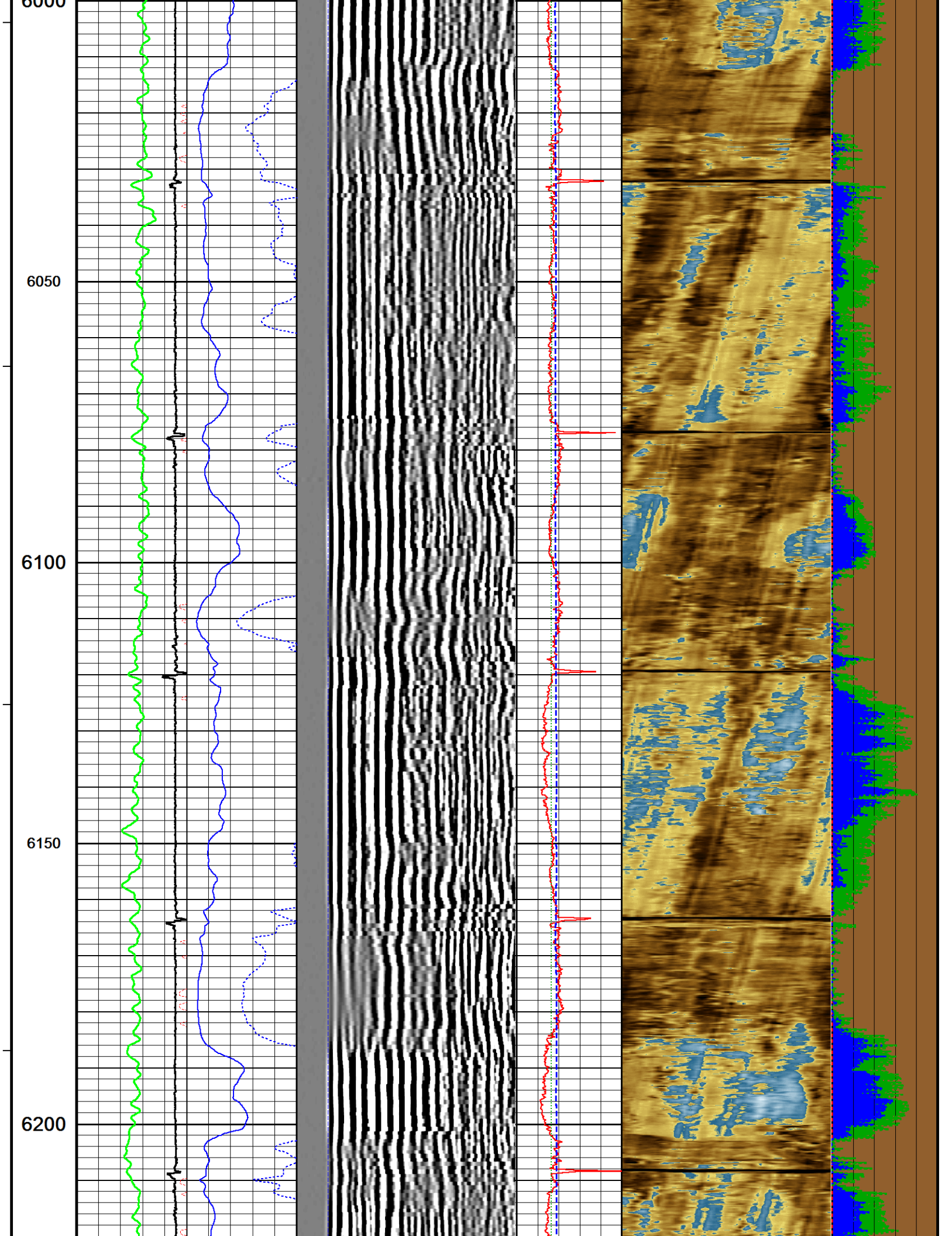


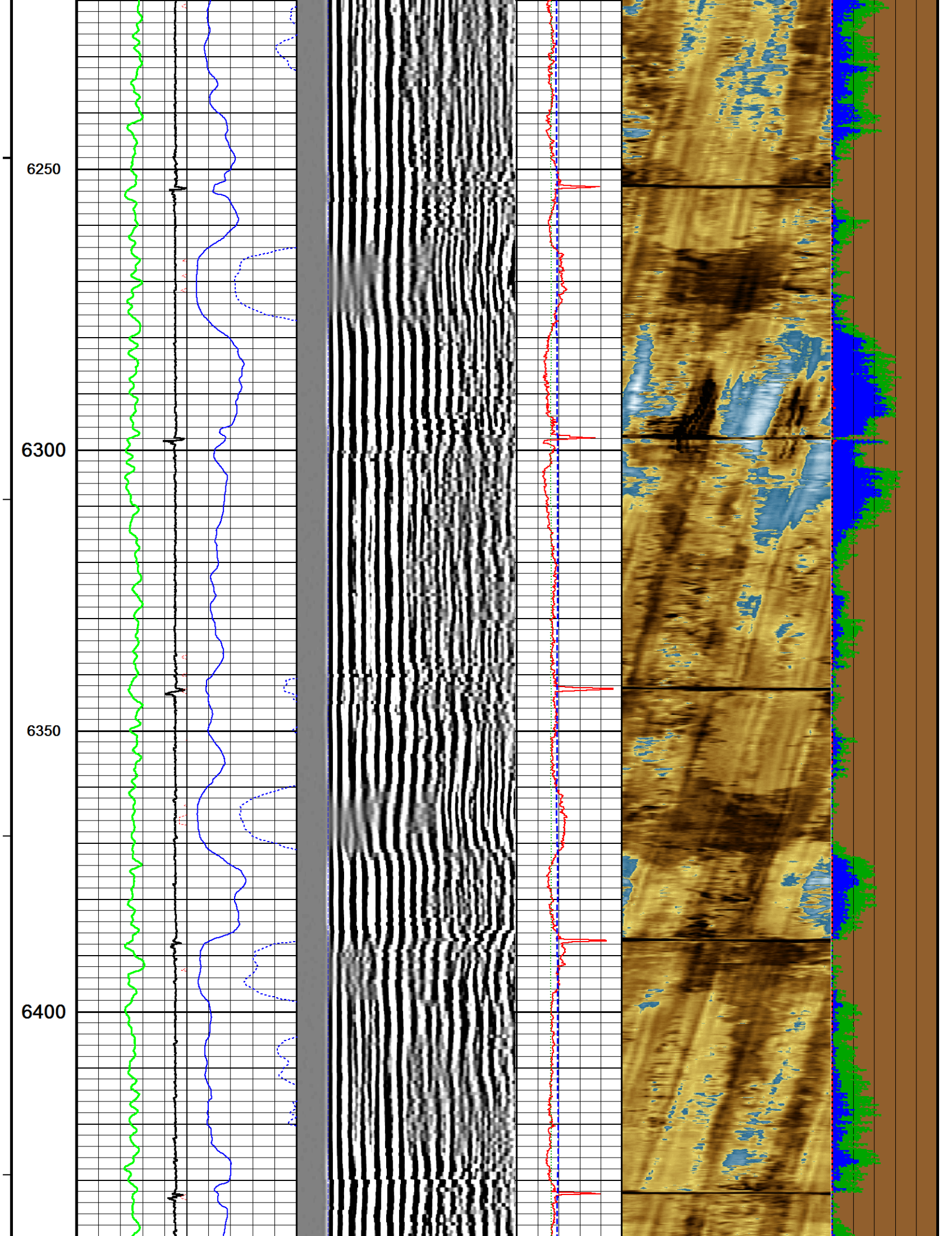


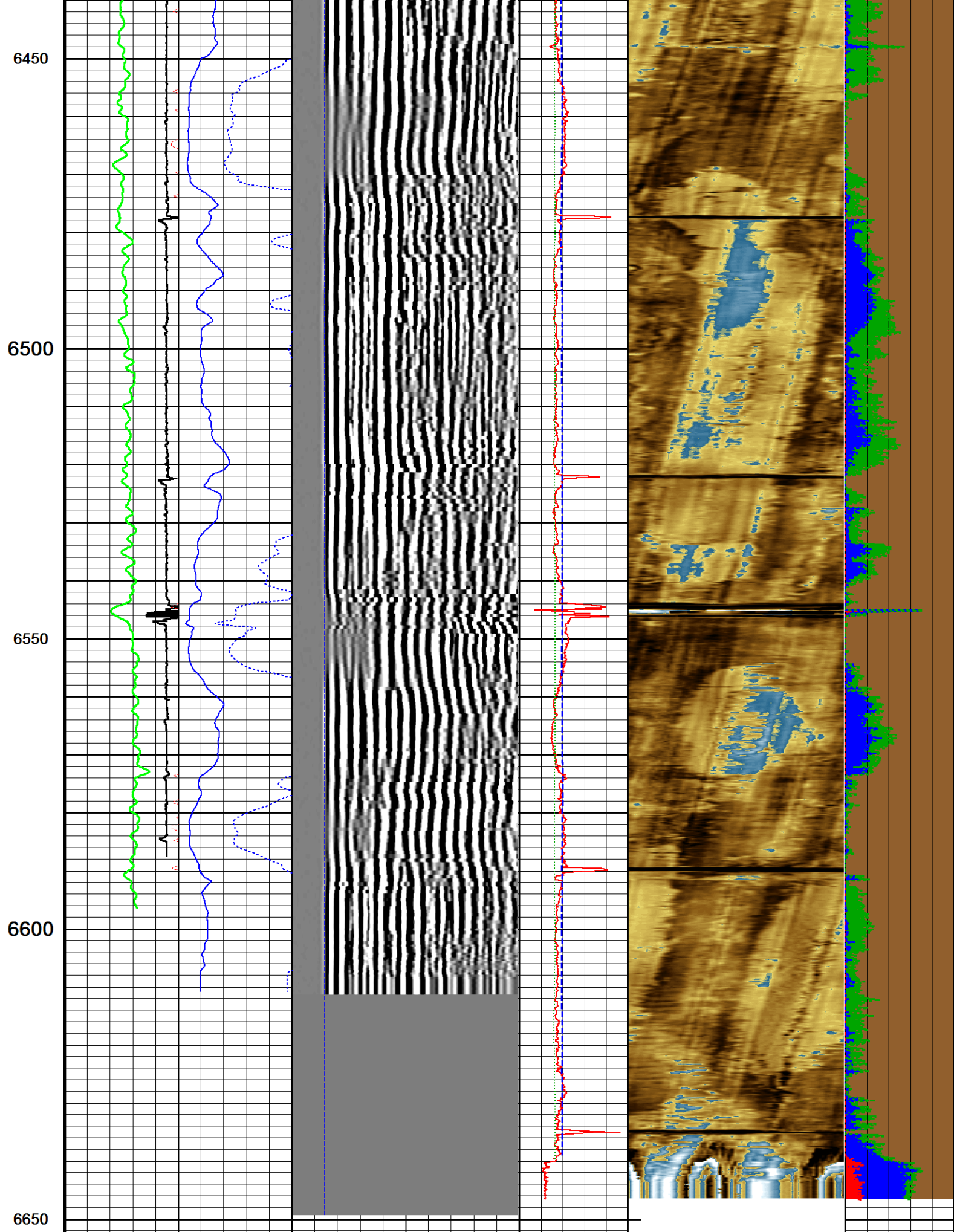


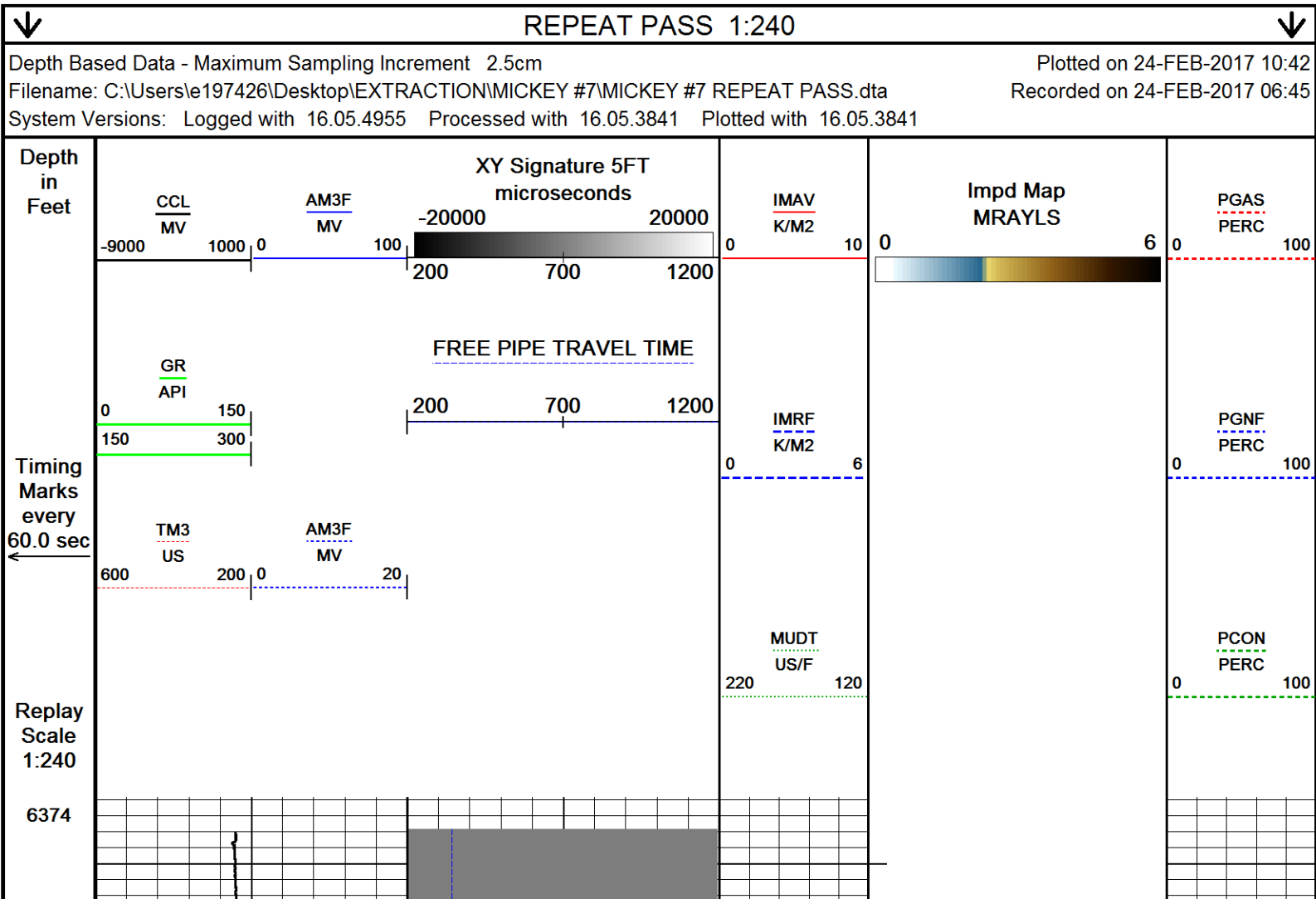
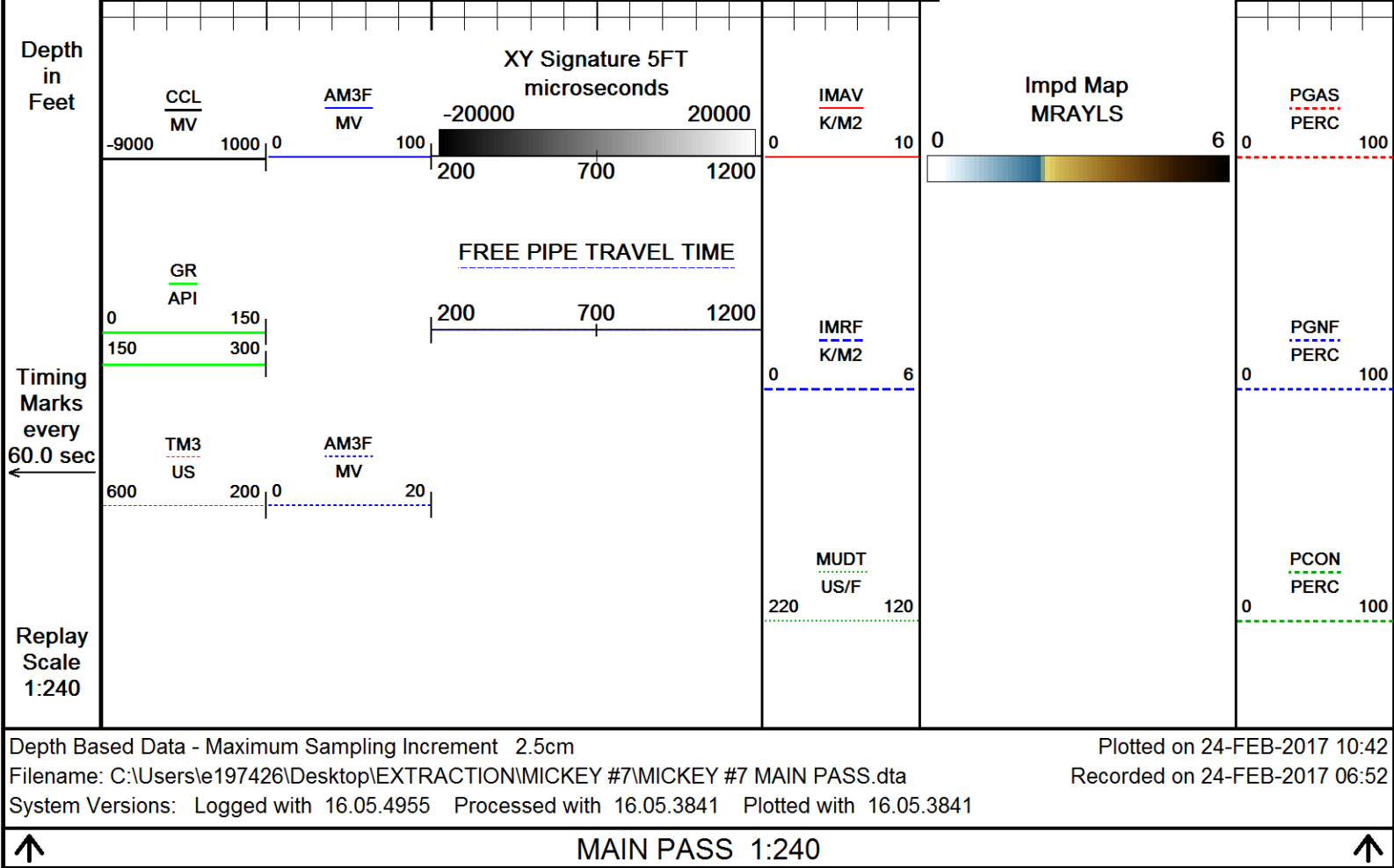


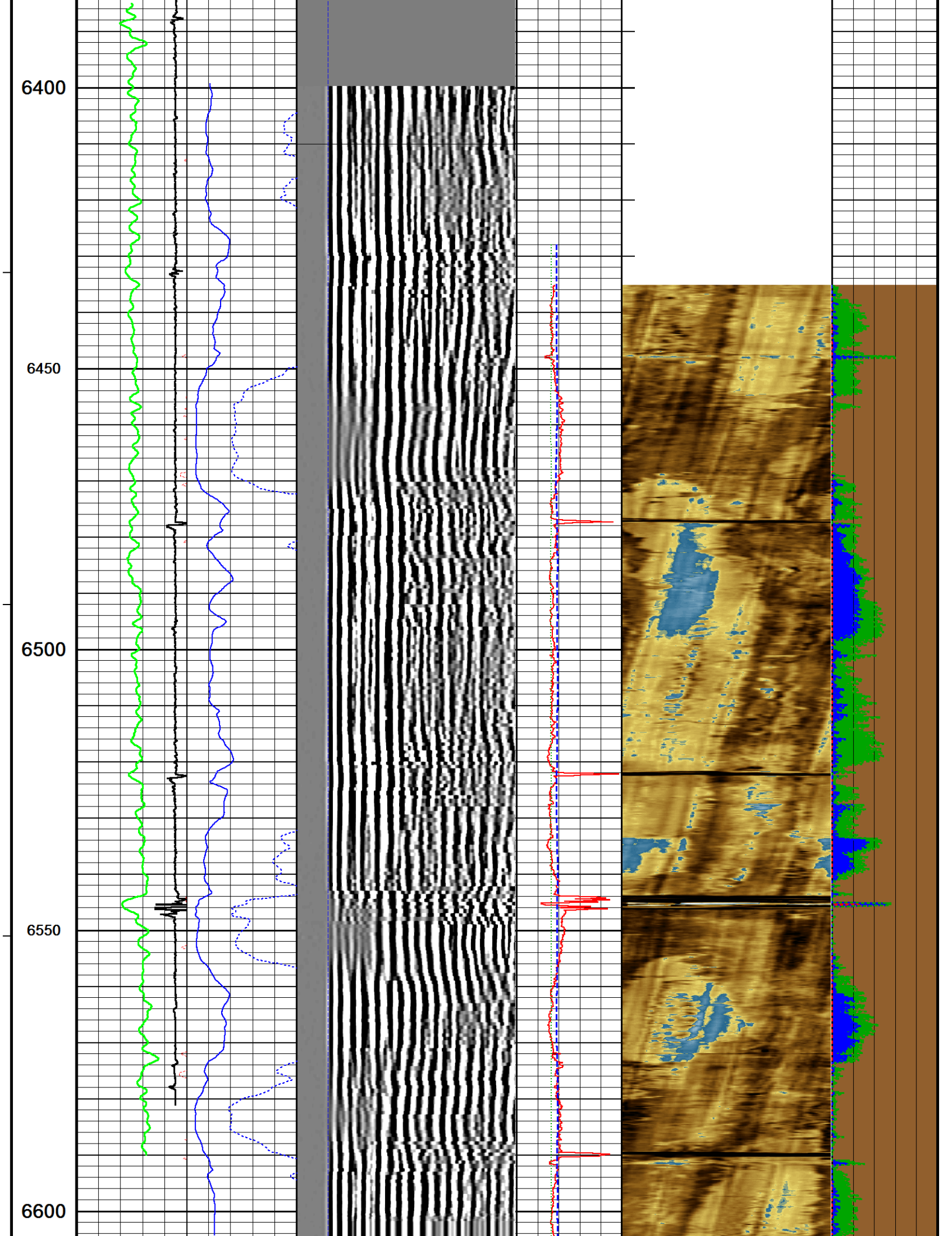


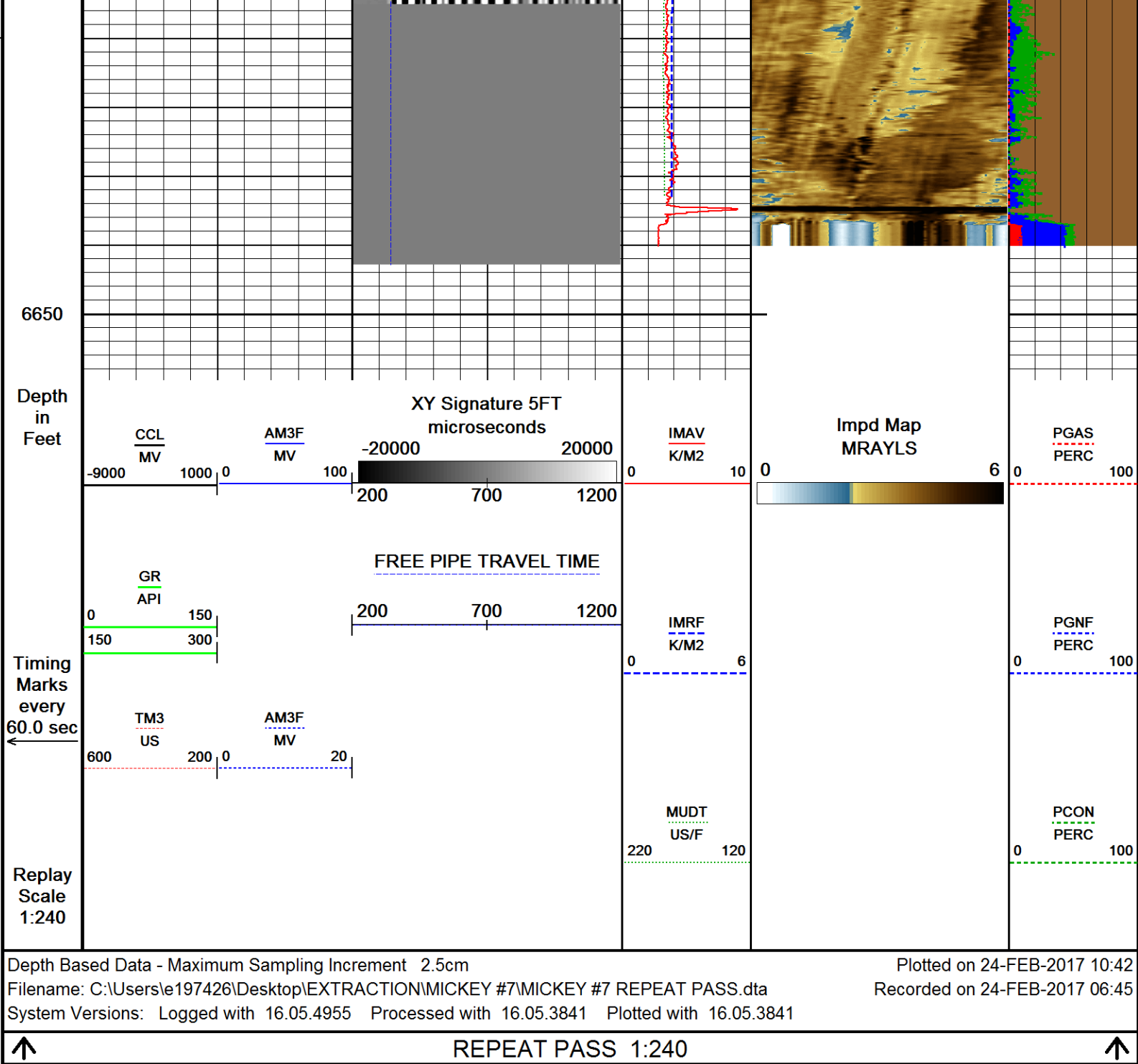












SHOP AND FIELD CALIBRATIONS

C:\Users\le197426\Desktop\EXTRACTION\MICKEY #7\MICKEY #7 MAIN PASS.dta

UGR Field survey cal UGR-JD 223

Field calibration on 08-FEB-2017 09:03

Gamma Ray Field Survey Calibration

Tool Type: UGR-JD
Calibrator No: TH-57

Serial No: 223

Background	Calibrator	Standard	Units
107.7	589.0	151.0	CPS

Delta Counts Per Sec: 481.3

CPS/API = 3.187

CBT Field Calibration CBT-AA 114			
Field Calibration on 08-FEB-2017 14:41			
Cement Bond Tool Amplitude Field Calibration			
Tool Type	CBT-AA	Serial No	114
		Free Pipe Depth	
Sensor	Description	Standard(mV)	Measured(mV)
AMP 3 FT	100 % Bond	2.40	0.00
	Free Pipe	72.00	790.20
AMP 5 FT	100 % Bond	1.60	0.00
	Free Pipe	48.00	549.00

CBT Field Calibration CBT-AA 114			
Field Calibration on 08-FEB-2017 14:41			
Cement Bond Tool Amplitude Field Calibration			
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	Free Pipe	72.00	790.20
AMP 5 FT	100 % Bond	1.60	0.00
	Free Pipe	48.00	549.00

CBT Constants CBT-AA 114

Last Edited on 24-FEB-2017 06:52

Min Ampl 100% Bond	2.00 MV
Max Ampl 0% Bond	90.00 MV
Cement Cmpr Strength	580 PSI
Casing Size	5.50 IN
Casing Weight	20.0 LB/F
Casing Velocity	57.00 US/F
DT Fluid	190.0 US/F
Maximum Attenuation	12.00 DB/F
3' TT Correction	0.0 US
Cement Weight	0.00 LB/G

CBT Constants CBT-AA 114

Last Edited on 24-FEB-2017 06:52

Min Ampl 100% Bond	2.00 MV
Max Ampl 0% Bond	90.00 MV
Cement Cmpr Strength	580 PSI
Casing Size	5.50 IN
Casing Weight	20.0 LB/F
Casing Velocity	57.00 US/F
DT Fluid	190.0 US/F
Maximum Attenuation	12.00 DB/F
3' TT Correction	0.0 US
Cement Weight	0.00 LB/G

CBT Constants CBT-AA 114

Last Edited on 24-FEB-2017 06:52

Min Ampl 100% Bond	2.00 MV
Max Ampl 0% Bond	90.00 MV
Cement Cmpr Strength	580 PSI
Casing Size	5.50 IN
Casing Weight	20.0 LB/F
Casing Velocity	57.00 US/F
DT Fluid	190.0 US/F
Maximum Attenuation	12.00 DB/F
3' TT Correction	0.0 US
Cement Weight	0.00 LB/G

Ultrasonic Radial Scanner Before Cal					
USH-AB 136					
Field Calibration on 00-JAN-1988 00:00					
Ultrasonic Radial Scanner Before Calibration					
Tool Type		USH-AB		Serial No 136	
		Measured	Minimum	Maximum	
Free Pipe		-999.250	0.000	0.000	K/M2
Mud Impedance		1.500	0.000	0.000	K/M2

Ultrasonic Radial Scanner Before Cal					
USH-AB 136					
Field Calibration on 00-JAN-1988 00:00					
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Ultrasonic Radial Scanner Before Cal					
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Ultrasonic Radial Scanner Before Calibration					
Tool Type		USH-AB		Serial No 136	
		Measured	Minimum	Maximum	
Free Pipe		-999.250	0.000	0.000	K/M2
Mud Impedance		1.500	0.000	0.000	K/M2

```

URS Constants    USH-AB 136

Last Edited on 24-FEB-2017 06:52

*** Well Information ***

** NOTE **

If `Use General Settings` is set to `OFF`, the `ZHead Cal` and `ZMud Cal` values
will be obtained from `Depth Specific Settings` entry

** General Settings **

Use General Settings          ON
ZHead Cal Area Ratio         3 70

```

```

URS Constants    USH-AB 136

Last Edited on 24-FEB-2017 06:52

*** Well Information ***

** NOTE **

If `Use General Settings` is set to `OFF`, the `ZHead Cal` and `ZMud Cal` values
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URS Constants    USH-AB 136

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URS Constants    USH-AB 136

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URS Constants    USH-AB 136

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URS Constants    USH-AB 136

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ZHead Cal Area Ratio         3 70

```

```

URS Constants    USH-AB 136

Last Edited on 24-FEB-2017 06:52

*** Well Information ***

** NOTE **

If `Use General Settings` is set to `OFF`, the `ZHead Cal` and `ZMud Cal` values
will be obtained from `Depth Specific Settings` entry

** General Settings **

Use General Settings          ON
ZHead Cal Area Ratio         3 70

```


ZMud Cal Area Ratio 4.00

**** Constants ****

Thickness Calculated from	Tool
Radius Offset	0.00
Mud slowness Offset	0.00 US/F
Mud Chamber Equation	Mud Plate
Z_mud at Calibration	1.75 K/M2
Z_mud Outside	1.75 K/M2
Gas Impedance Cutoff	0.38 K/M2
Fluid Impedance Cutoff	2.30 K/M2
Contam Impedance Cutoff	2.70 K/M2
Relative Bearing Rotate	OFF
RB Offset Angle	0.00 DEG
Cement Density	14.00 LB/G

DOWNHOLE EQUIPMENT

C:\Users\le197426\Desktop\EXTRACTION\MICKEY #7\MICKEY #7 MAIN PASS.dta

Mono-Cablehead
MCH-AA 0 LG: 1.03 ft WT: 2.2 lb OD: 1.457 in

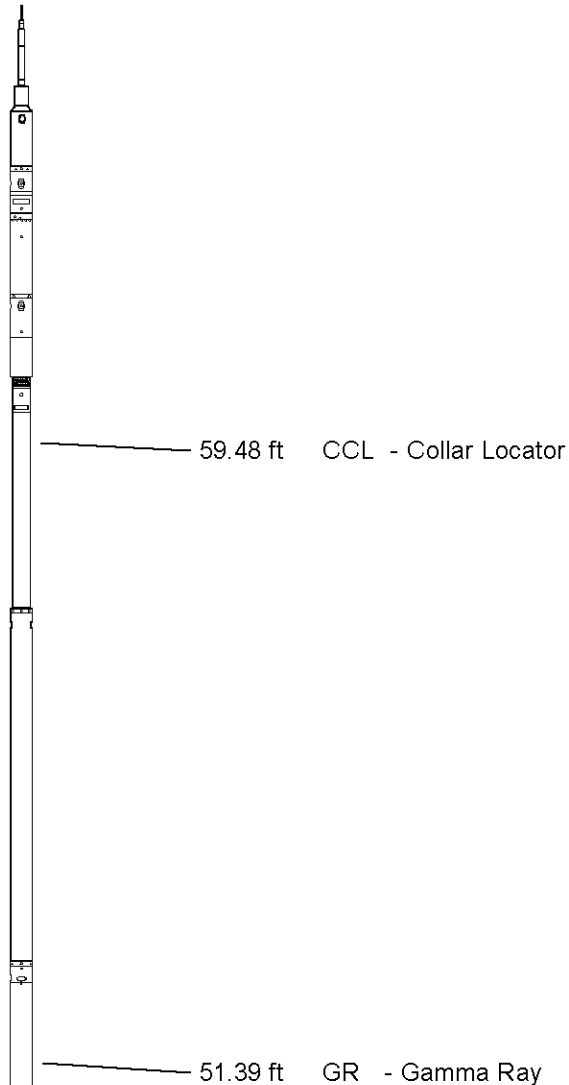
Crossover 1-pin to 55-pin for WCC-D
XOV-WC 121 LG: 1.05 ft WT: 15.4 lb OD: 3.386 in

Swivel Head 55 pin
SWH-CC 163 LG: 2.72 ft WT: 77.2 lb OD: 3.346 in

Casing Collar Locator, 55 pin
CCL-WA 197 LG: 3.01 ft WT: 19.8 lb OD: 2.756 in

Communication Cartridge 55pin 3-3/8in
WCC-DA 141 LG: 4.60 ft WT: 63.9 lb OD: 3.386 in

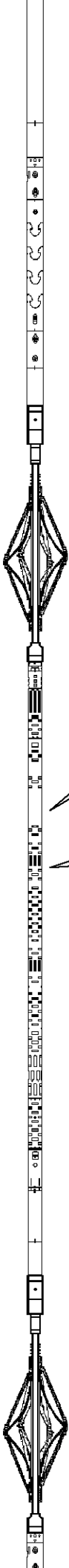
Gamma Ray
UGR-JD 223 LG: 4.60 ft WT: 81.6 lb OD: 3.386 in



Flexible Joint, URS, 55 Pin
FTP-FA 131 LG: 4.35 ft WT: 90.4 lb OD: 3.386 in

55 pin Roller Centralizer
CEN-XA 132 LG: 4.49 ft WT: 86.0 lb OD: 3.386 in

Cement Bond Tool
CBT-AA 114 LG: 10.75 ft WT: 163.1 lb OD: 3.386 in



36.70 ft AM3F - Amplitude 3FT
36.70 ft TM3 - Travel Time 3FT

35.70 ft TM5 - Travel Time 5FT
35.70 ft XY5 - XY Signature 5FT

55 pin Roller Centralizer
CEN-XA 142 LG: 4.49 ft WT: 86.0 lb OD: 3.386 in

Flexible Joint, URS, 55 Pin
FTP-FA 132 LG: 4.35 ft WT: 90.4 lb OD: 3.386 in

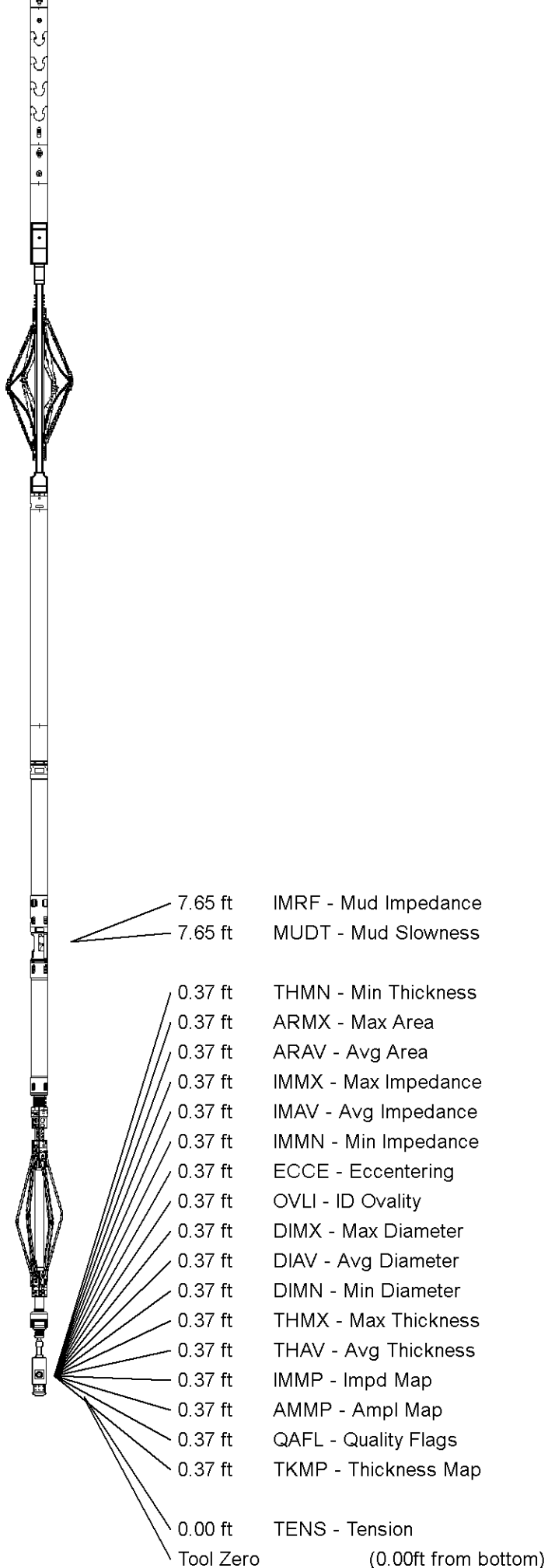
55 pin Roller Centralizer
 CEN-XA 197 LG: 4.49 ft WT: 86.0 lb OD: 3.386 in

URS Electronics Cartridge
 UCC-AA 195 LG: 4.51 ft WT: 79.4 lb OD: 3.386 in


URS Sonde Section
 USS-AB 127 LG: 9.65 ft WT: 167.6 lb OD: 3.386 in

Ultrasonic Radial Scanner Head A
 USH-AB 136 LG: 1.03 ft WT: 13.2 lb OD: 3.386 in

Total Length: 65.13 ft Weight: 1122.2 lb



All measurements relative to tool zero.

COMPANY	EXTRACTION OIL AND GAS			
WELL	MICKEY #7			
FIELD	WATTENBERG			
PROVINCE/COUNTY	WELD			
COUNTRY/STATE	UNITED STATES / COLORADO			
Elevation Kelly Bushing	feet	Bottom Log Interval	6650.00	feet
Elevation Drill Floor	feet	Depth Driller		feet
Elevation Ground Level	feet	Depth Logger	6650.00	feet
<div><div>SECUREVIEW ULTRAVIEW / BONDVIEW CEMENT ANALYSIS</div></div>				