



**RADIAL BOND TOOL  
GAMMA RAY  
CCL**

Company CIVITAS RESOURCES  
Well EAST RINN 02-08-15  
Field WATTENBERG  
County WELD  
State COLORADO  
Country U.S.A.

Company CIVITAS RESOURCES  
Well EAST RINN 02-08-15  
Field WATTENBERG  
County WELD  
State COLORADO  
Country U.S.A.

Location: API #: 05-123-32503  
NE/SW  
LAT. 40.137936 LONG. -104.990045  
SEC 15 TWP 2N RGE 68W  
Permanent Datum GL Elevation 4875'  
Log Measured From KB 12'  
Drilling Measured From KB  
Other Services  
Elevation  
K.B. 4887'  
D.F. 4886'  
G.L. 4875'

Date JANUARY 28 2025  
Run Number ONE  
Depth Driller 8630'  
Depth Logger 7700'  
Bottom Logged Interval 7696'  
Top Log Interval SURFACE  
Open Hole Size 8.75"  
Type Fluid WATER  
Density / Viscosity N/A  
Max. Recorded Temp. N/A  
Estimated Cement Top N/A  
Time Well Ready ON ARRIVAL  
Time Logger on Bottom N/A  
Equipment Number 3812  
Location PLATTEVILLE CO  
Recorded By MICHAEL RAMSEY  
Witnessed By RICK SHEETS

| Borehole Record   |        |      |    | Tubing Record |        |         |        |
|-------------------|--------|------|----|---------------|--------|---------|--------|
| Run Number        | Bit    | From | To | Size          | Weight | From    | To     |
| Casing Record     | Size   |      |    |               |        |         |        |
| Surface String    | 8.625" |      |    | Wgt/Ft        |        | Top     | Bottom |
| Prot. String      |        |      |    | 32#           |        | SURFACE | 863'   |
| Production String |        |      |    |               |        |         |        |
| Liner             | 4.5"   |      |    | 11.6#         |        | SURFACE | 8617'  |


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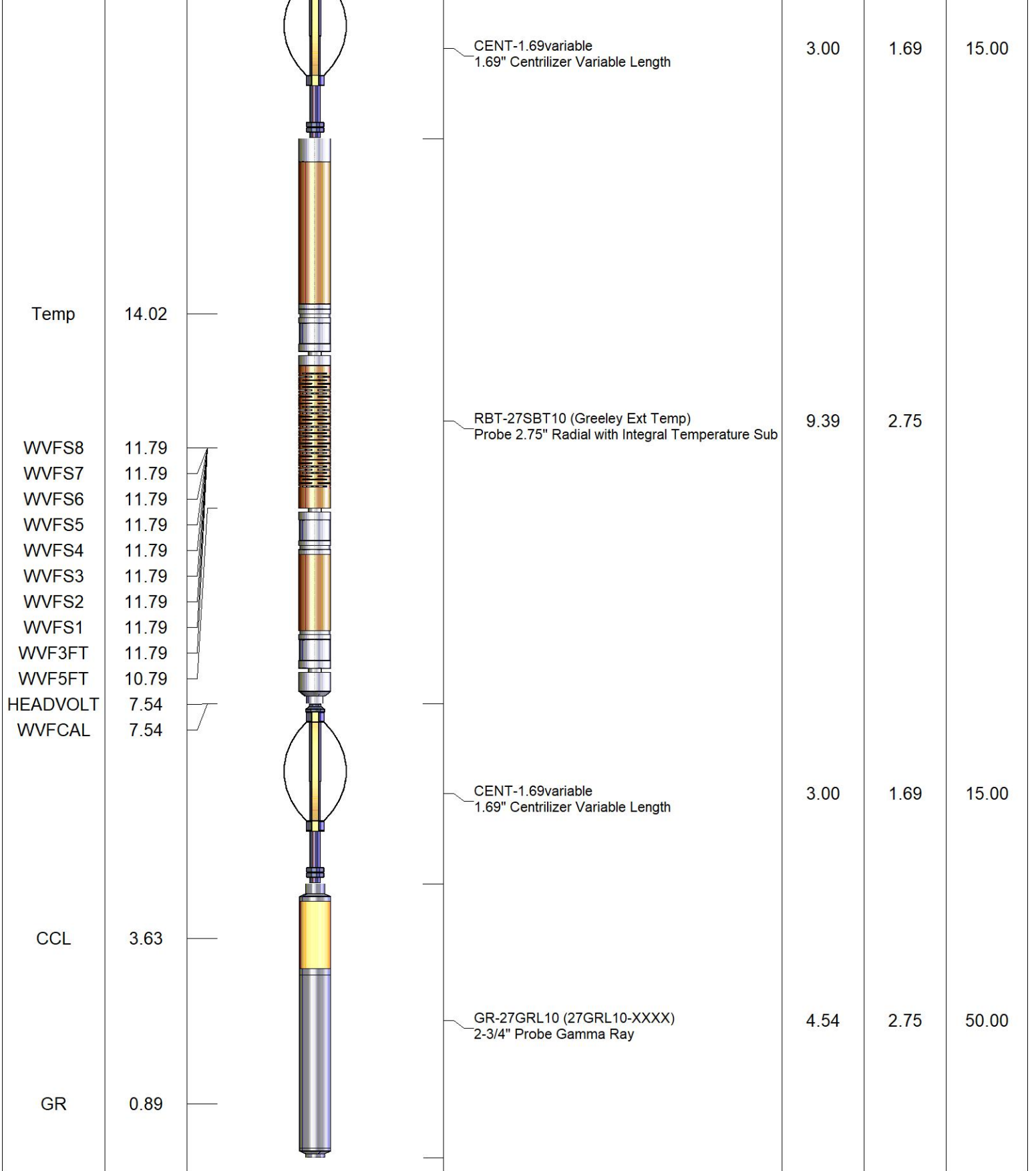
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

**RAN CBL TO VERIFY CEMENT BOND  
WELL LOADED UPON ARRIVAL  
LOG CORRELATED TO KB WHICH IS 12'  
SECTOR SPREAD DUE TO DEVIATION**

**LOG RAN UNDER 500PSI SURFACE INDUCED PRESSURE**

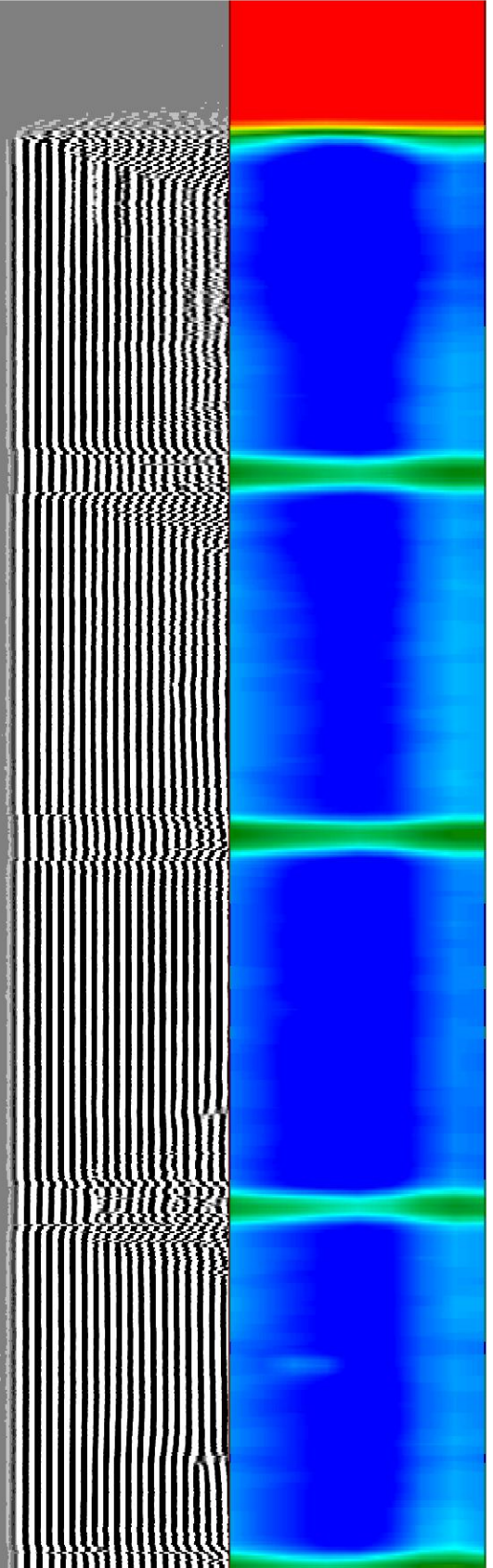
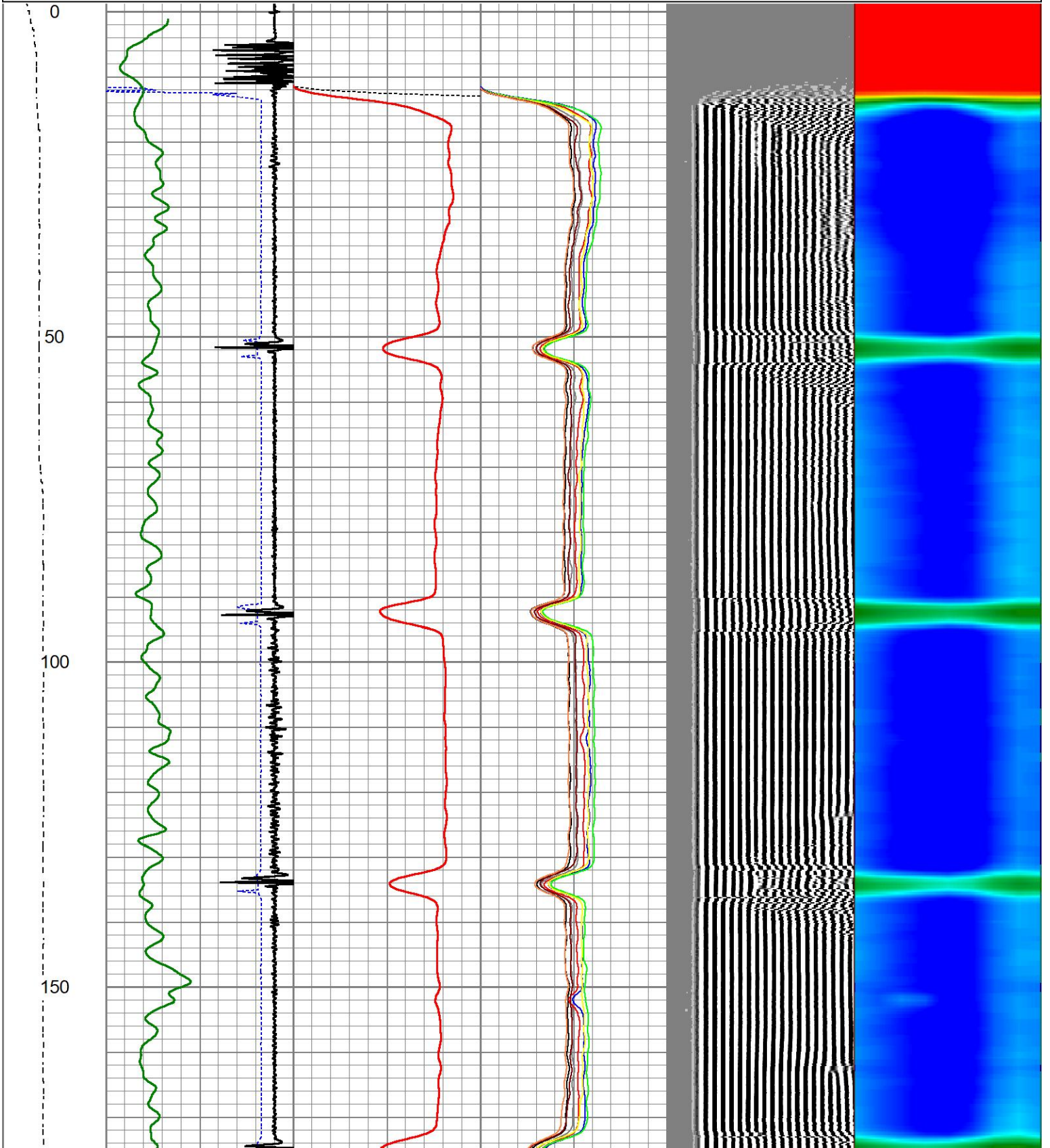
| Sensor | Offset (ft) | Schematic   | Description                                | Length (ft) | O.D. (in) | Weight (lb) |
|--------|-------------|---|--|-------------|-----------|-------------|
|        |             |  | CHD-1_11/16_Cablehead<br>1 11/16 Cablehead | 1.00        | 1.68      | 5.00        |

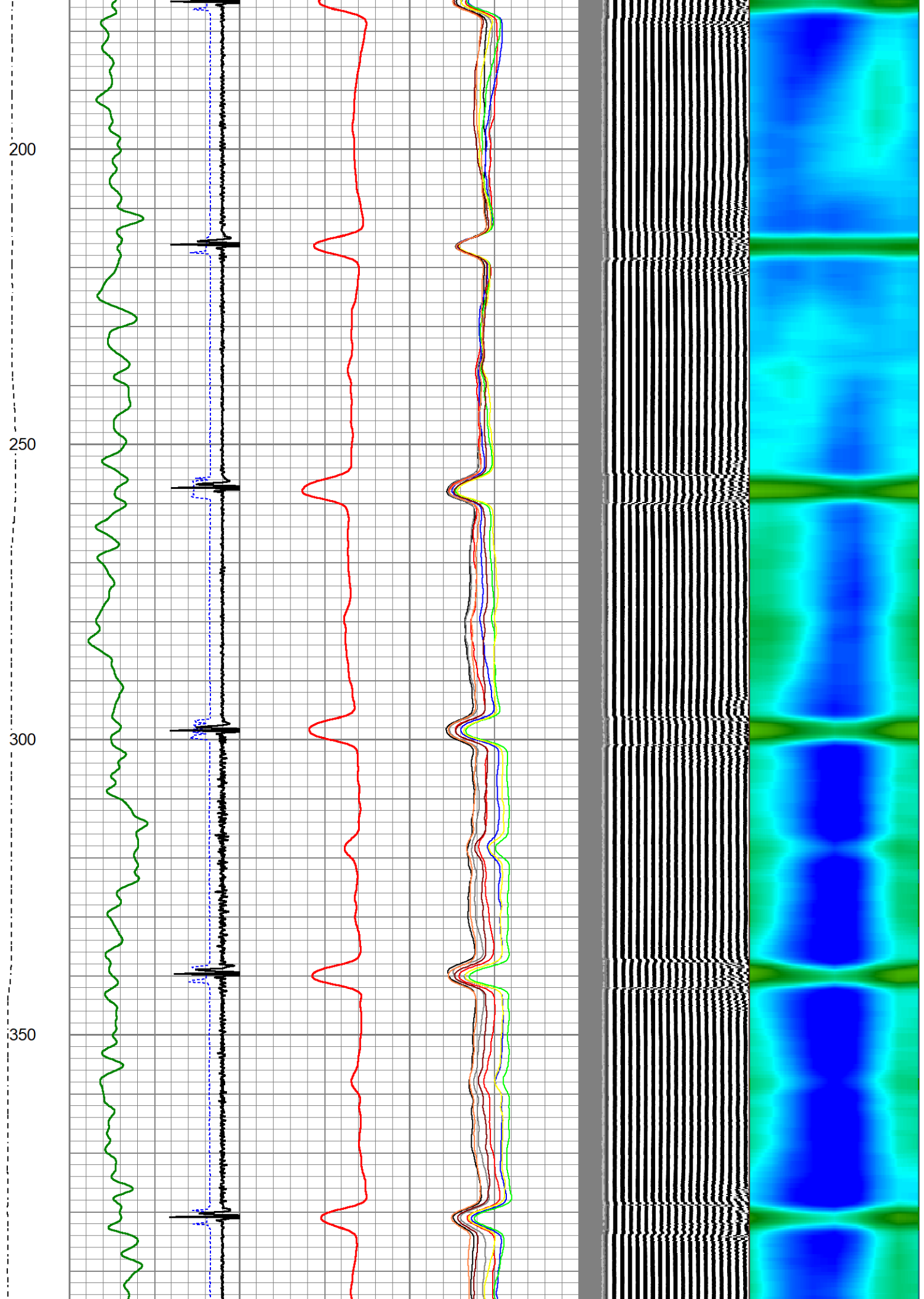


Dataset: east rinn 02-08-15 rbl .db: field/well/run1/pass9  
 Total length: 20.93 ft  
 Total weight: 85.00 lb  
 O.D.: 2.75 in

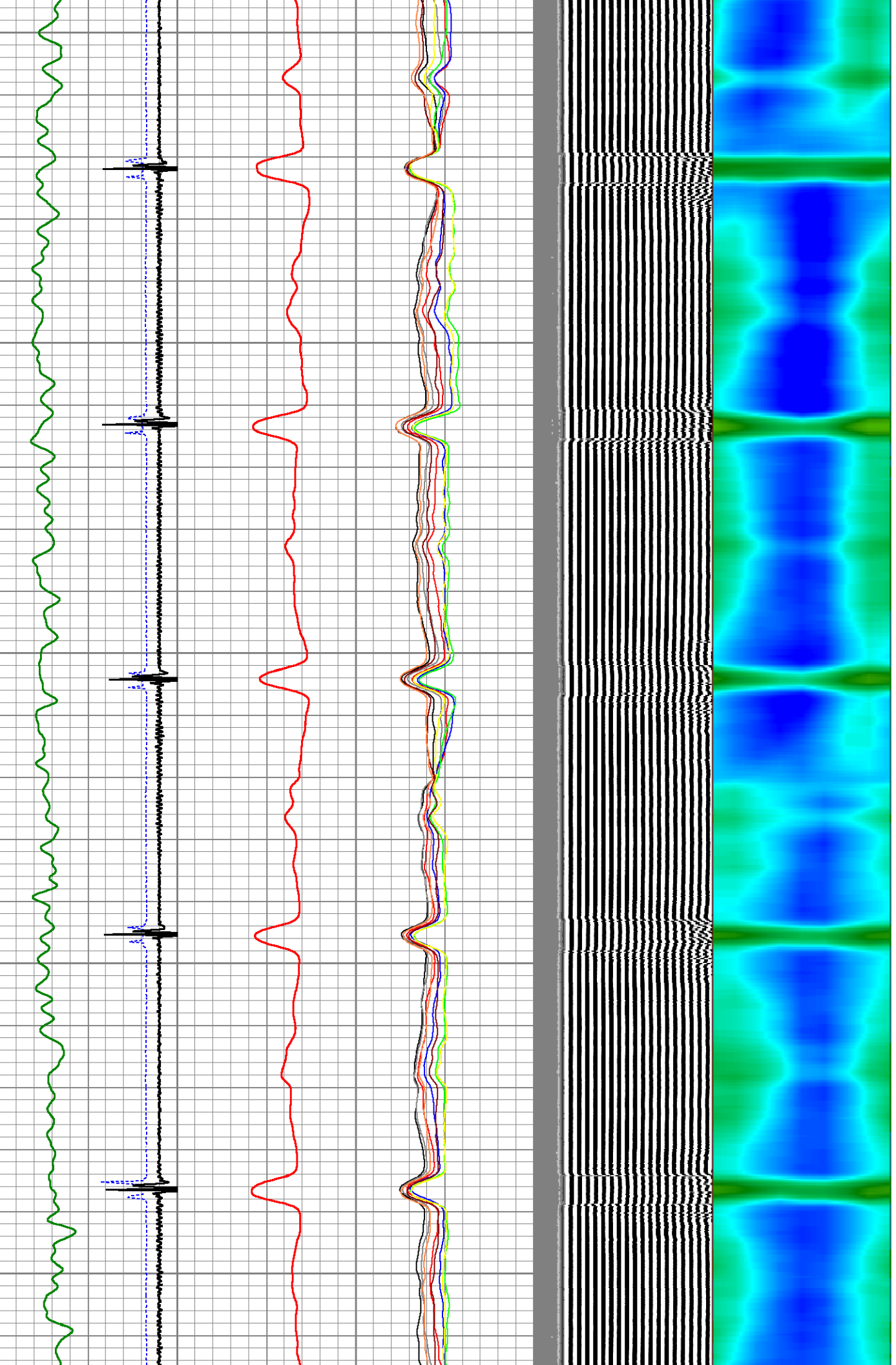
Database File east rinn 02-08-15 rbl .db  
 Dataset Pathname pass9  
 Presentation Format ips\_rbtcolorcivitas  
 Dataset Creation Tue Jan 28 13:09:24 2025  
 Charted by Depth in Feet scaled 1:240

|          |     |           |           |     |                     |      |    |       |       |     |            |      |   |            |   |
|----------|-----|-----------|-----------|-----|---------------------|------|----|-------|-------|-----|------------|------|---|------------|---|
| LSPD     | 650 | TT (usec) | 150       | 0   | AMP (mV)            | 100  | 0  | AMPS1 | 150   | 200 | VDL (usec) | 1200 | 1 | Cement Map | 8 |
| (ft/min) | -9  | CCL       | 1         | 0   | Amplified Amplitude | 0    | 0  | AMPS2 | 150   |     |            |      |   |            |   |
| 0        | 250 | 0         | GR (GAPI) | 200 | 0                   | (mV) | 20 | 0     | AMPS3 | 150 |            |      |   |            |   |
|          |     | 200       | GR (GAPI) | 400 |                     |      |    | 0     | AMPS4 | 150 |            |      |   |            |   |
|          |     |           |           |     |                     |      |    | 0     | AMPS5 | 150 |            |      |   |            |   |
|          |     |           |           |     |                     |      |    | 0     | AMPS6 | 150 |            |      |   |            |   |
|          |     |           |           |     |                     |      |    | 0     | AMPS7 | 150 |            |      |   |            |   |
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600

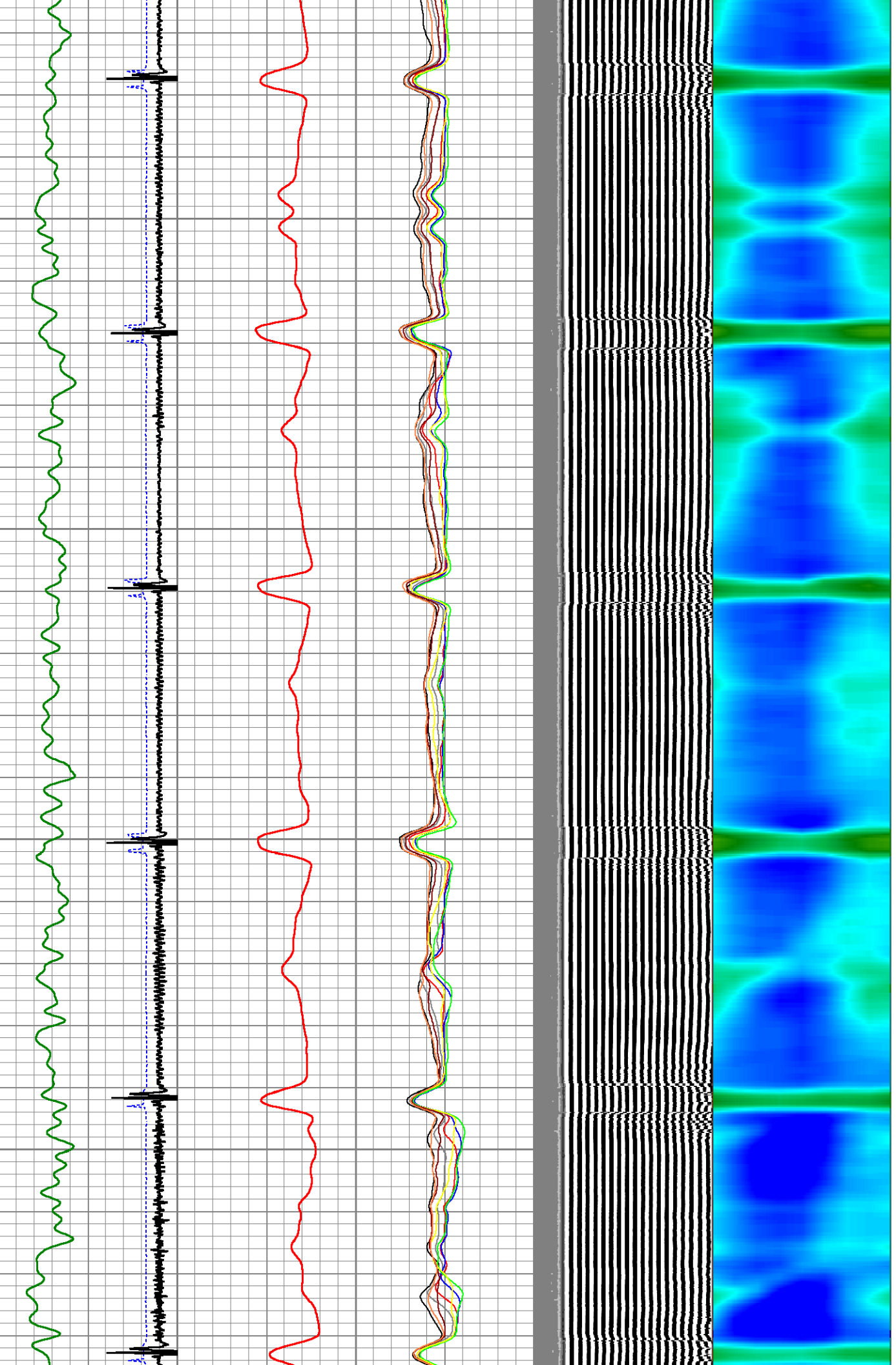


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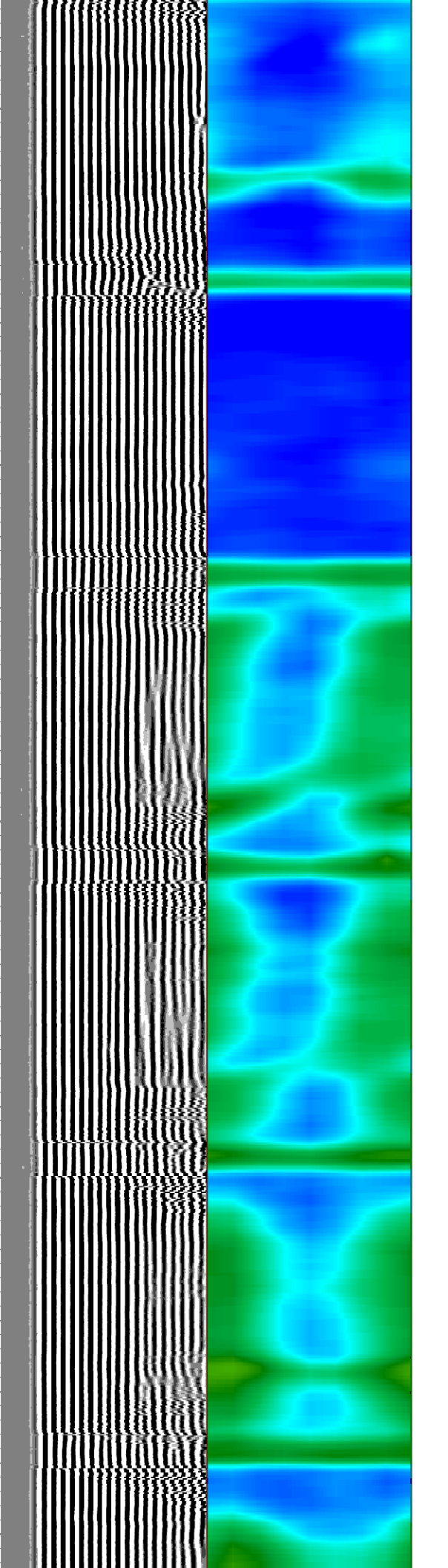
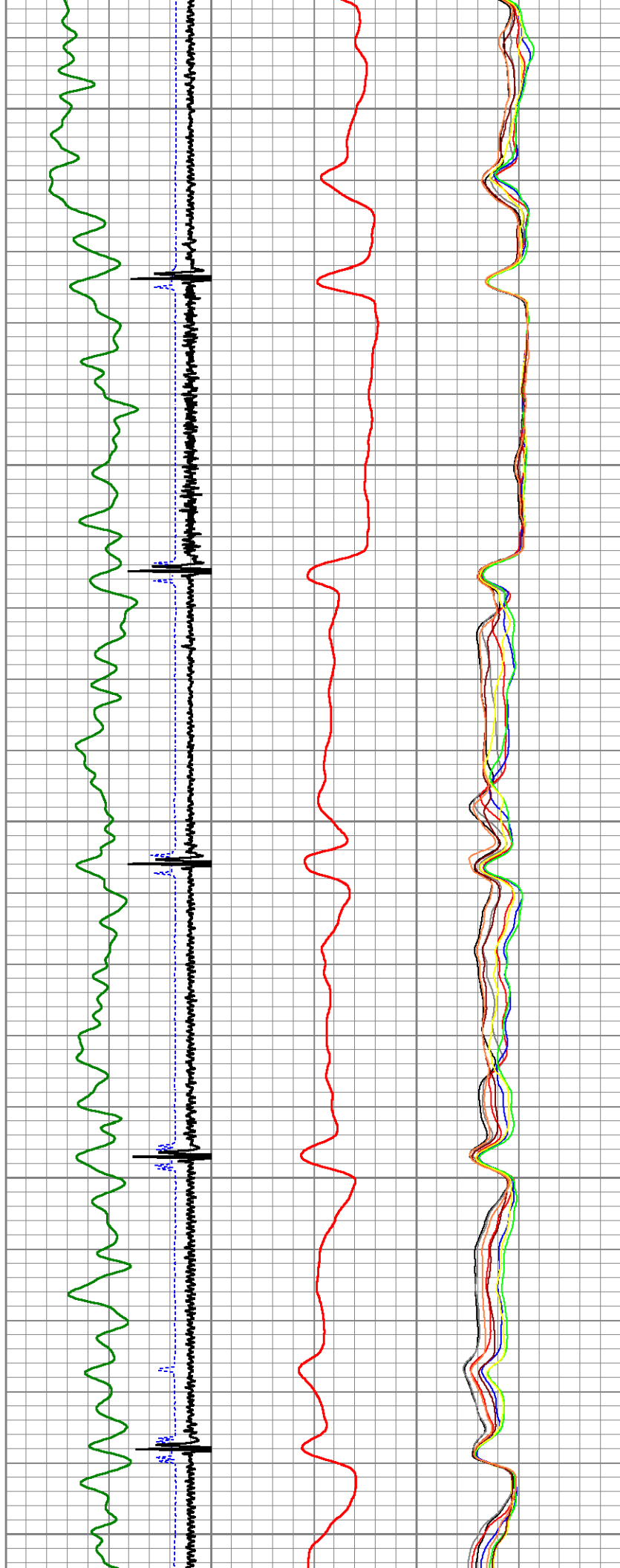
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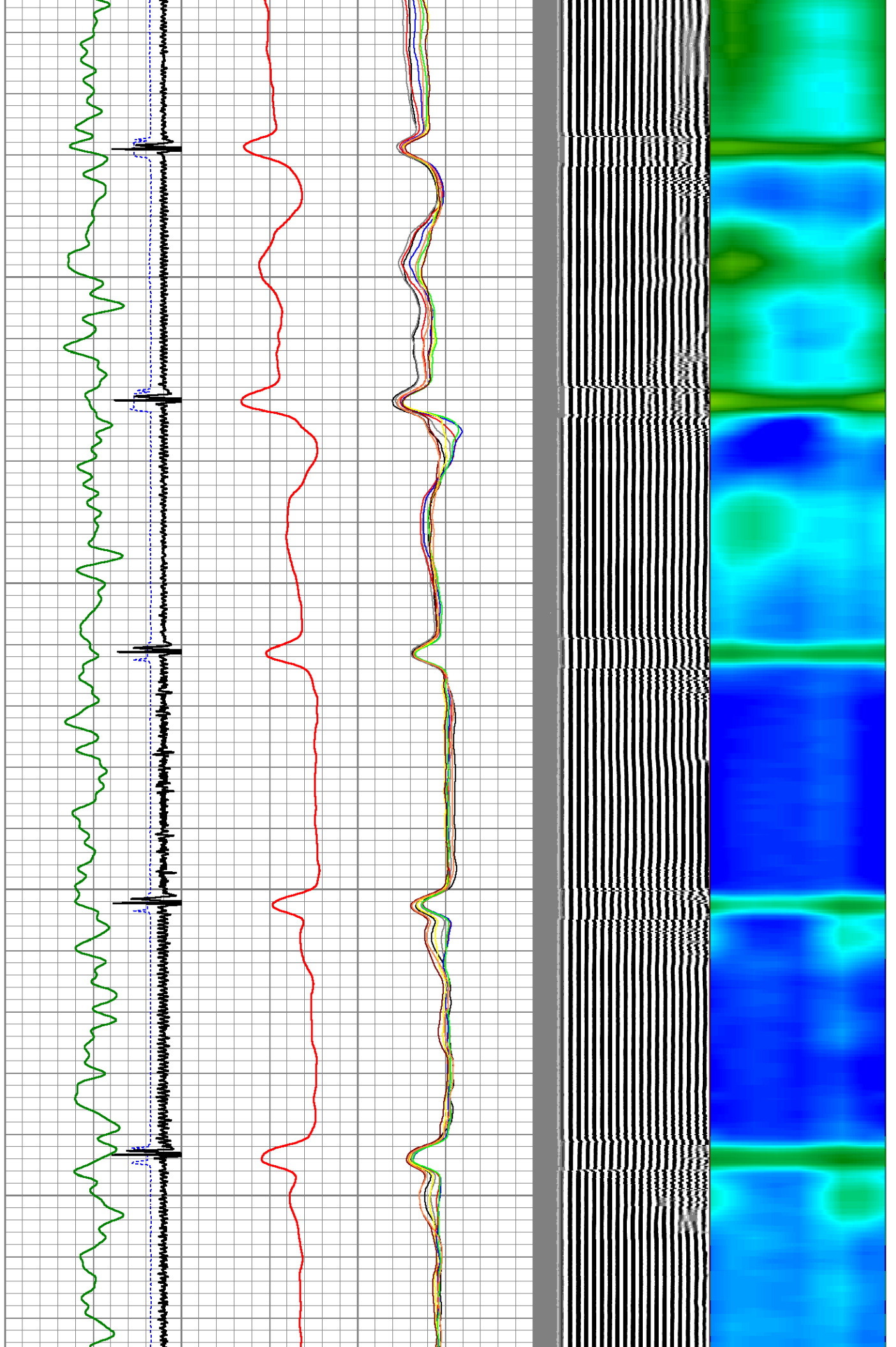


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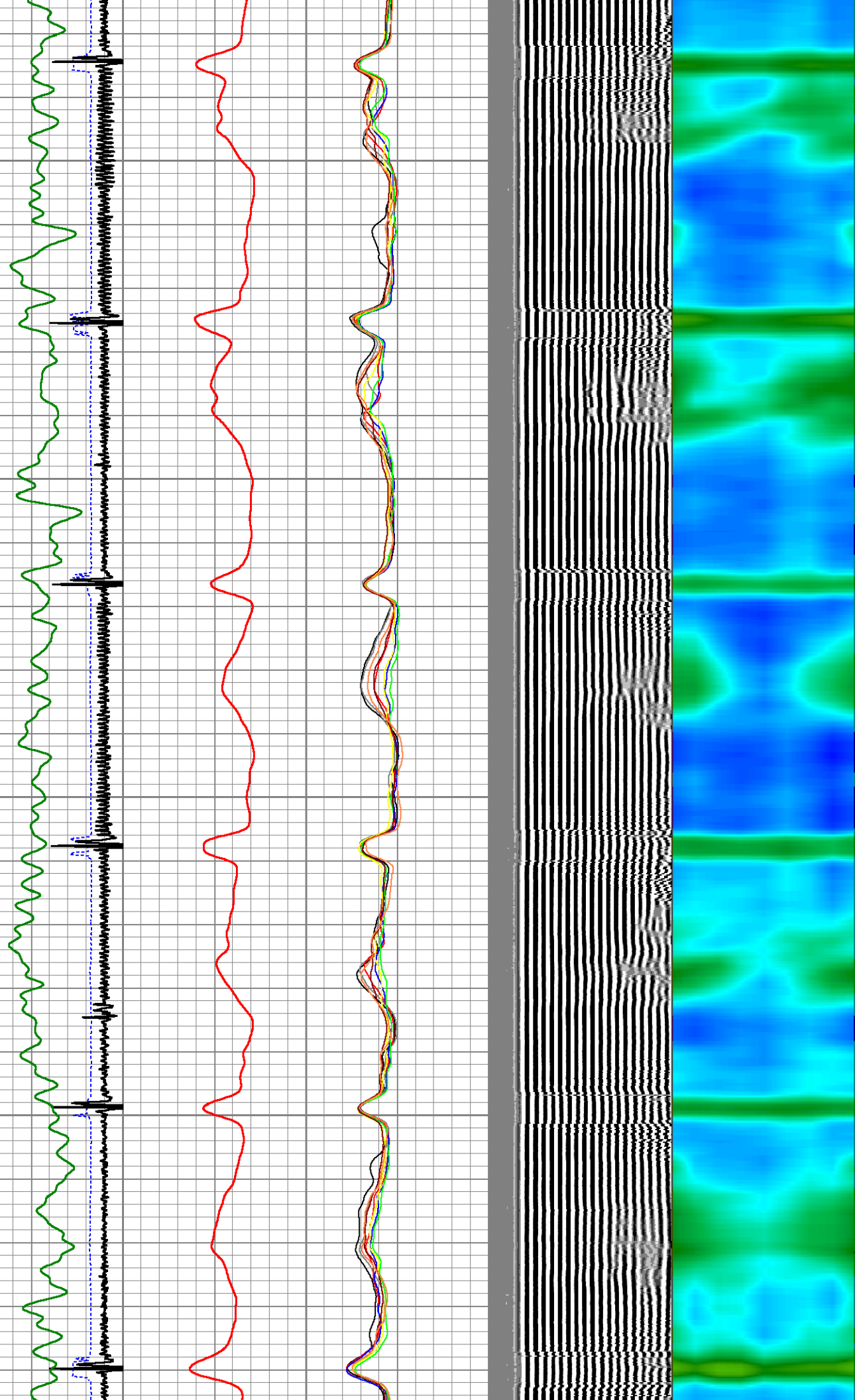


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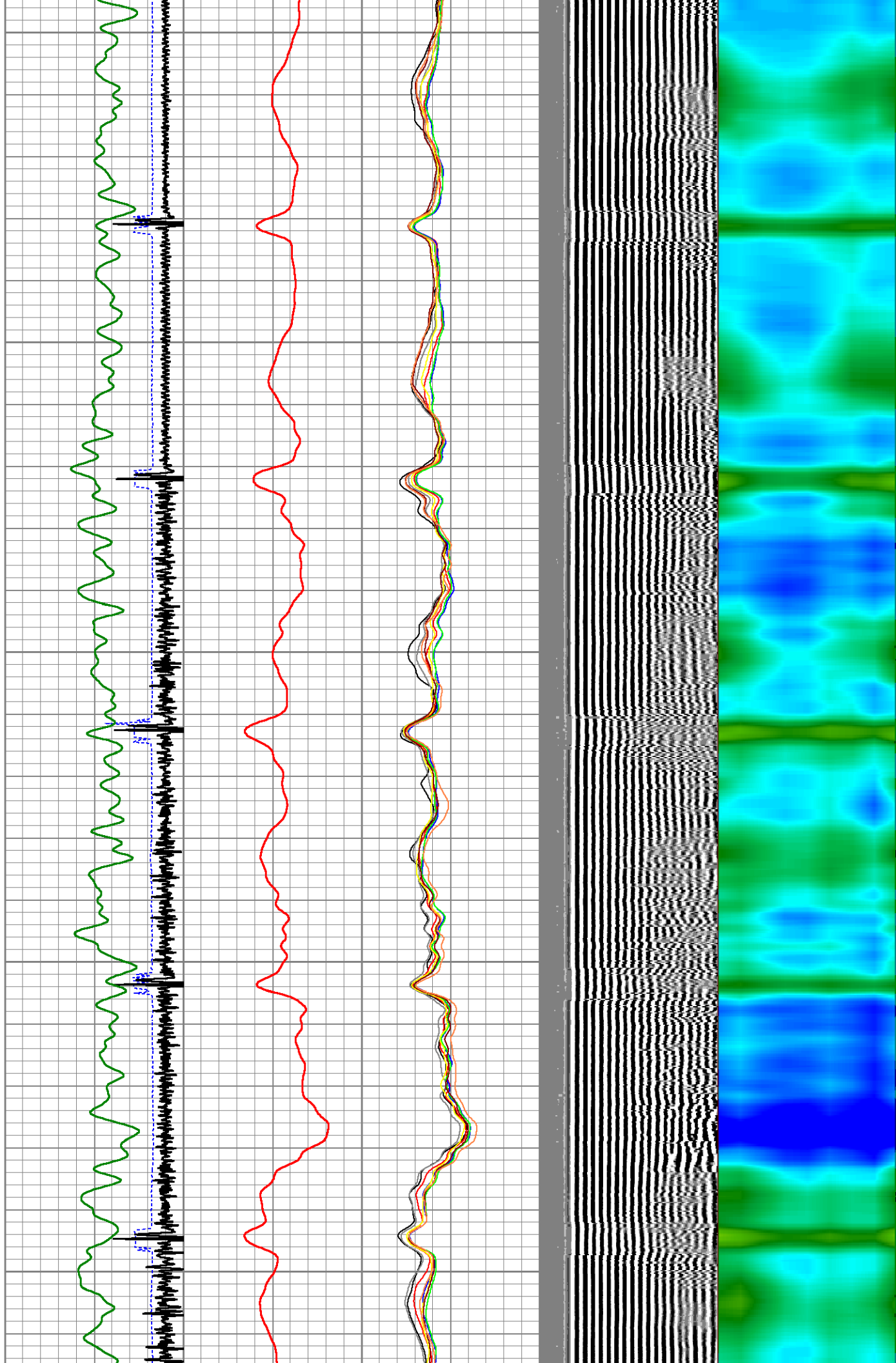
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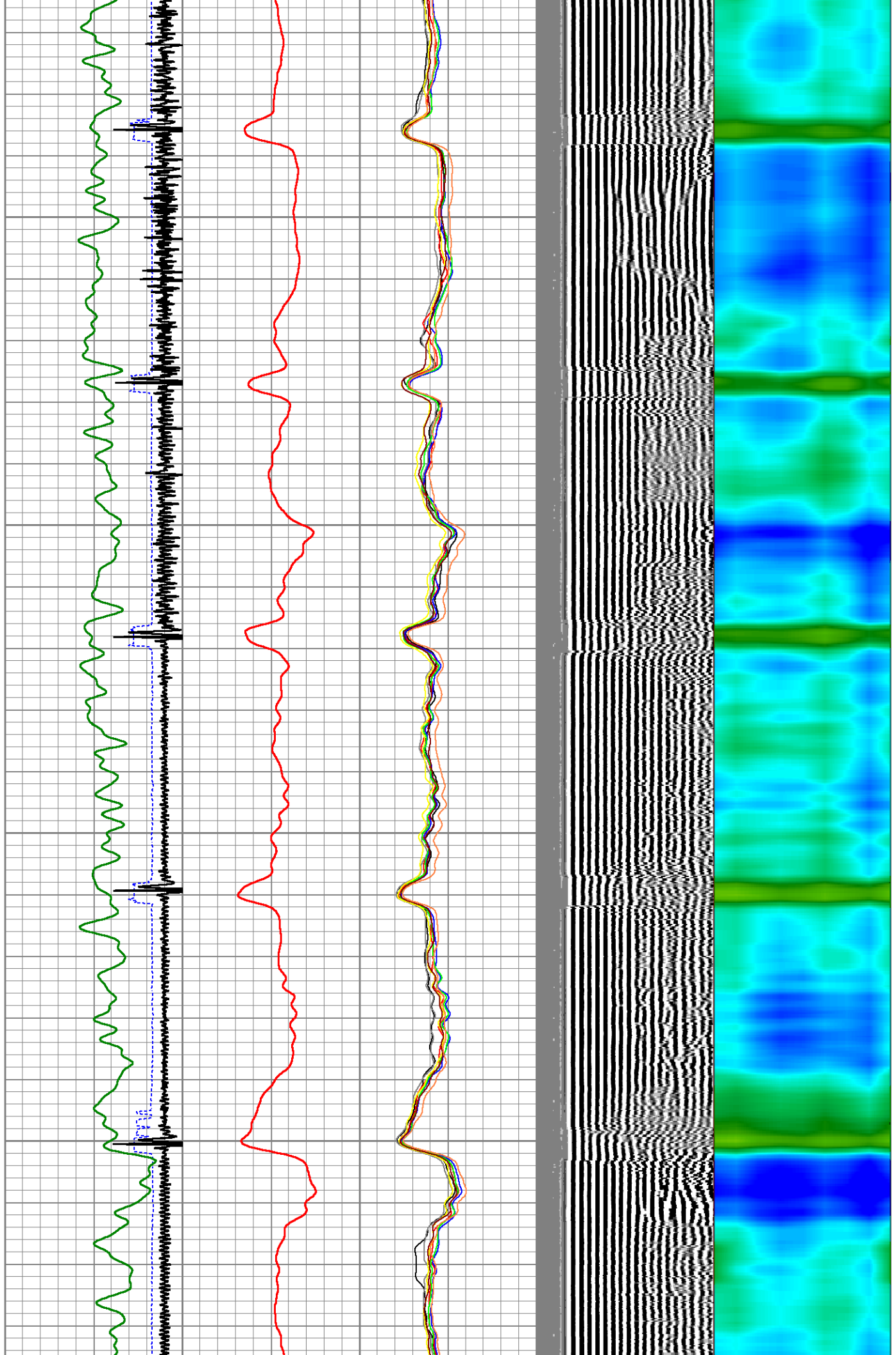


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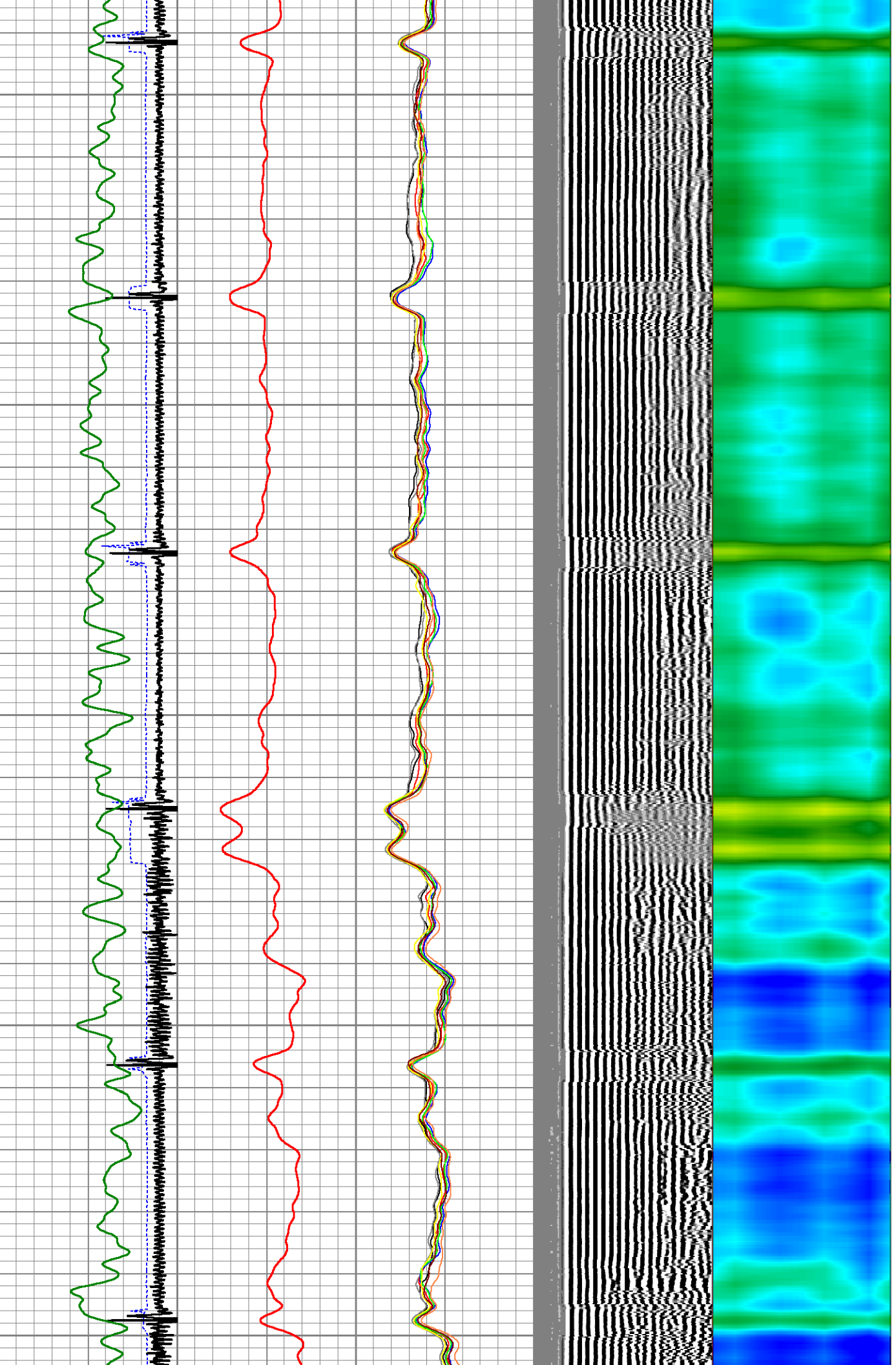
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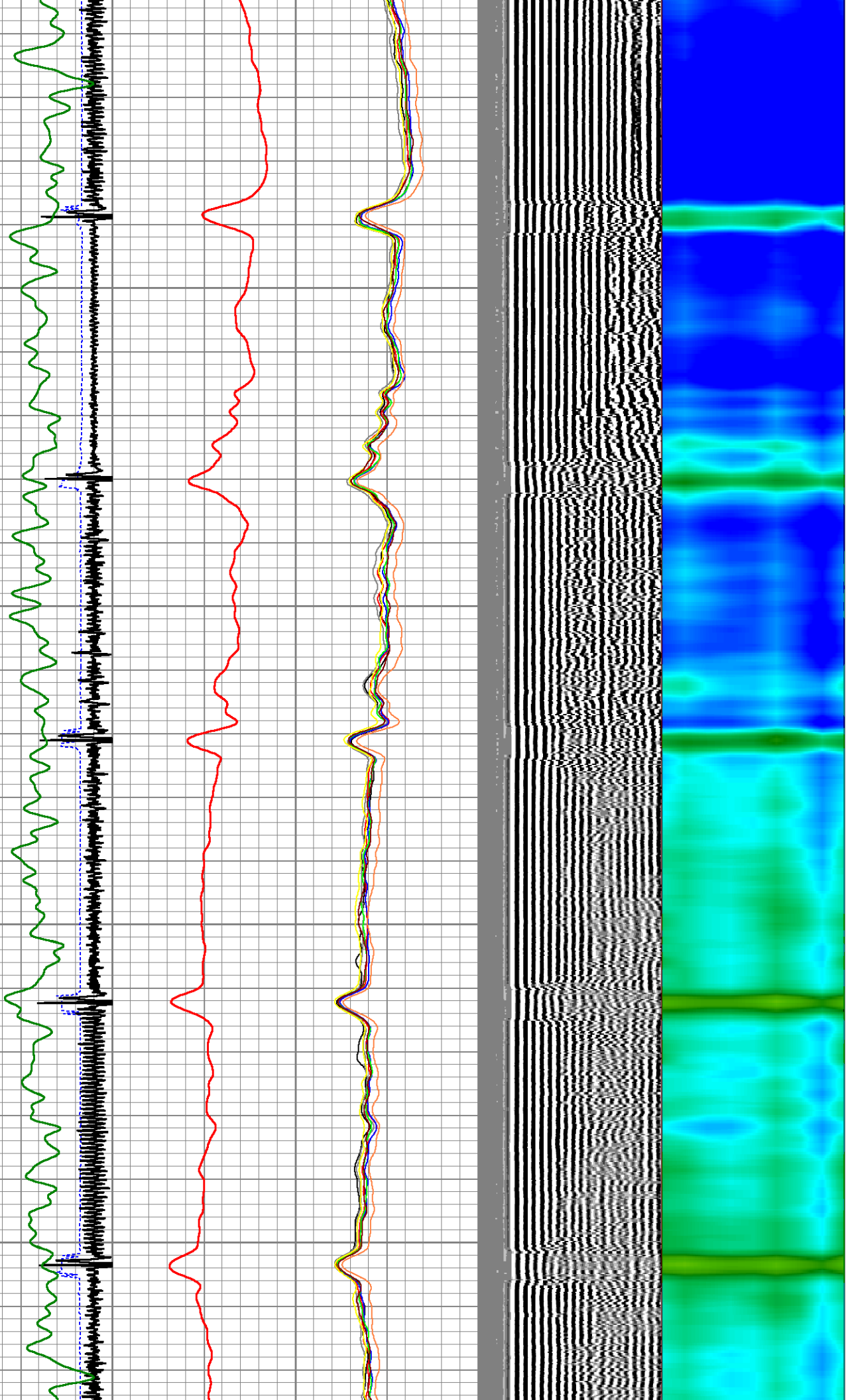


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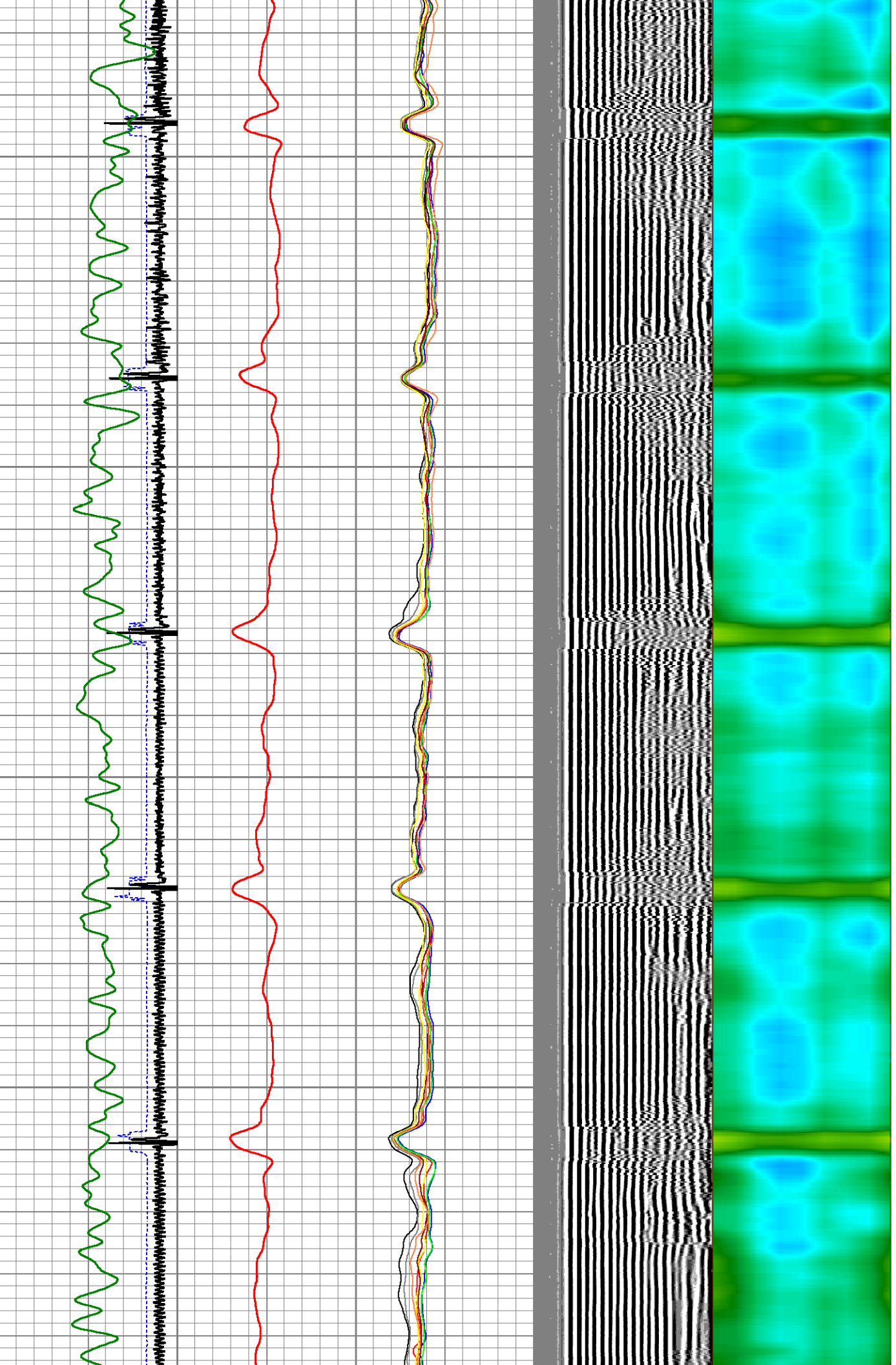


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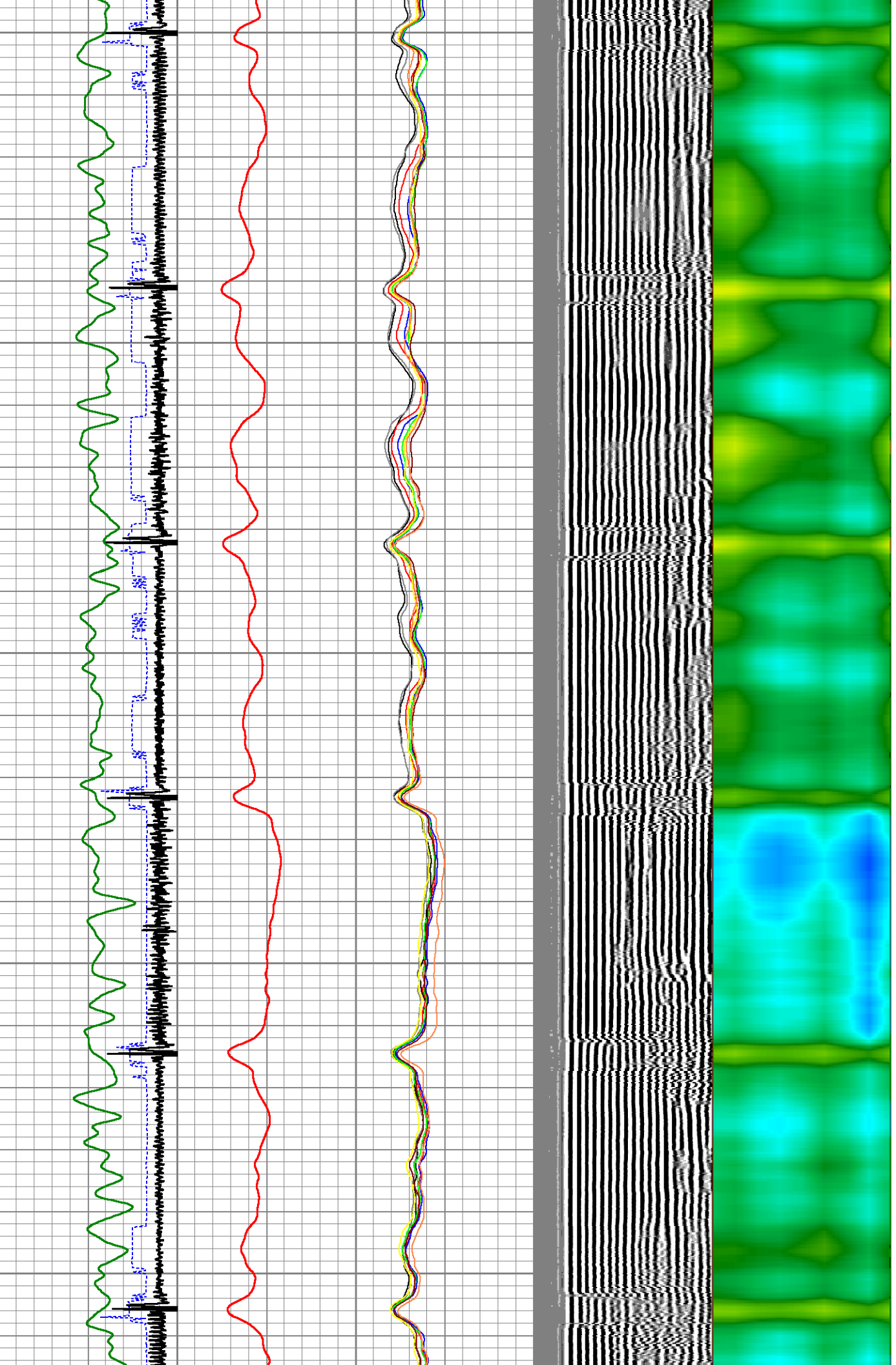
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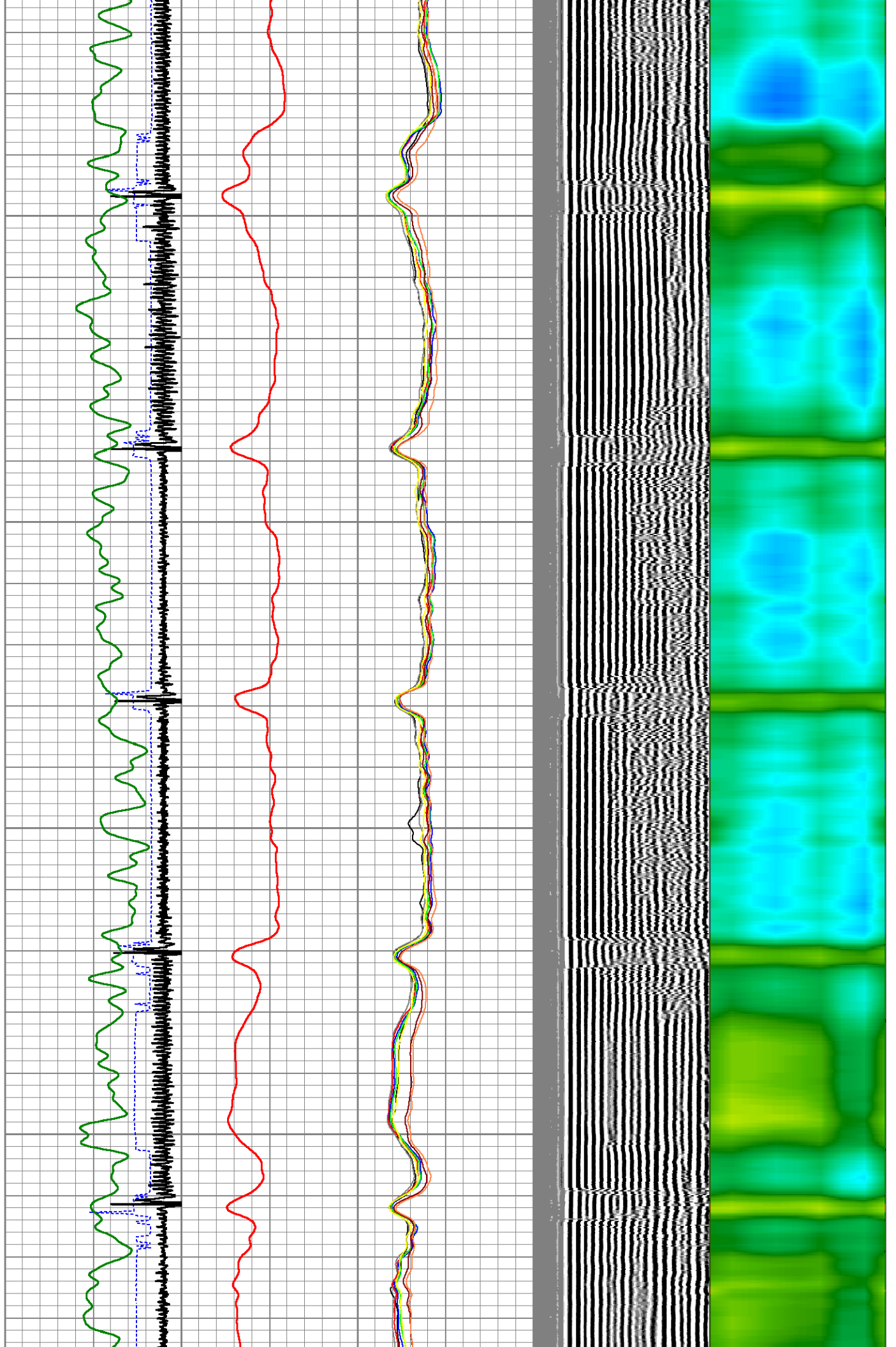


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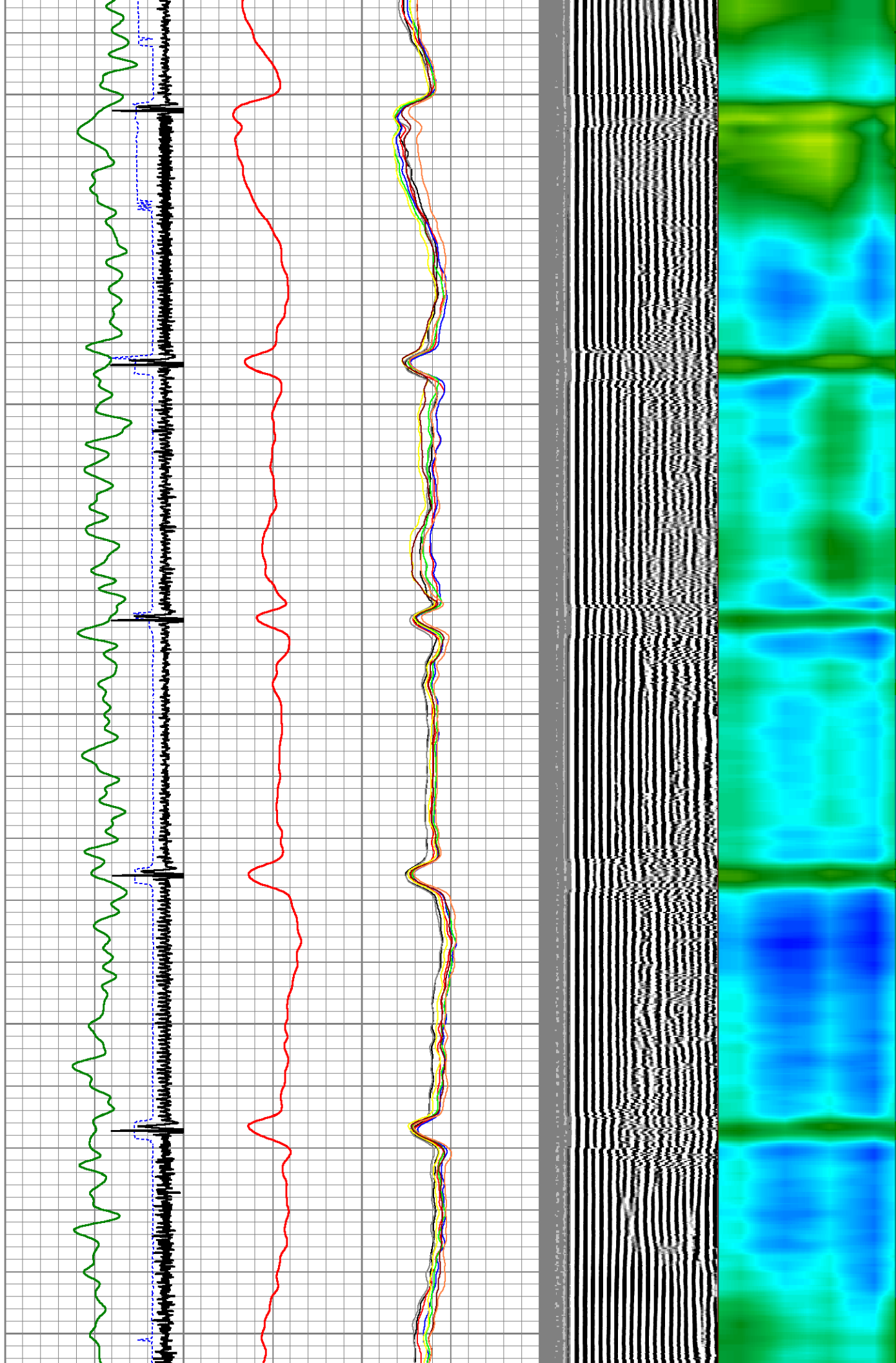
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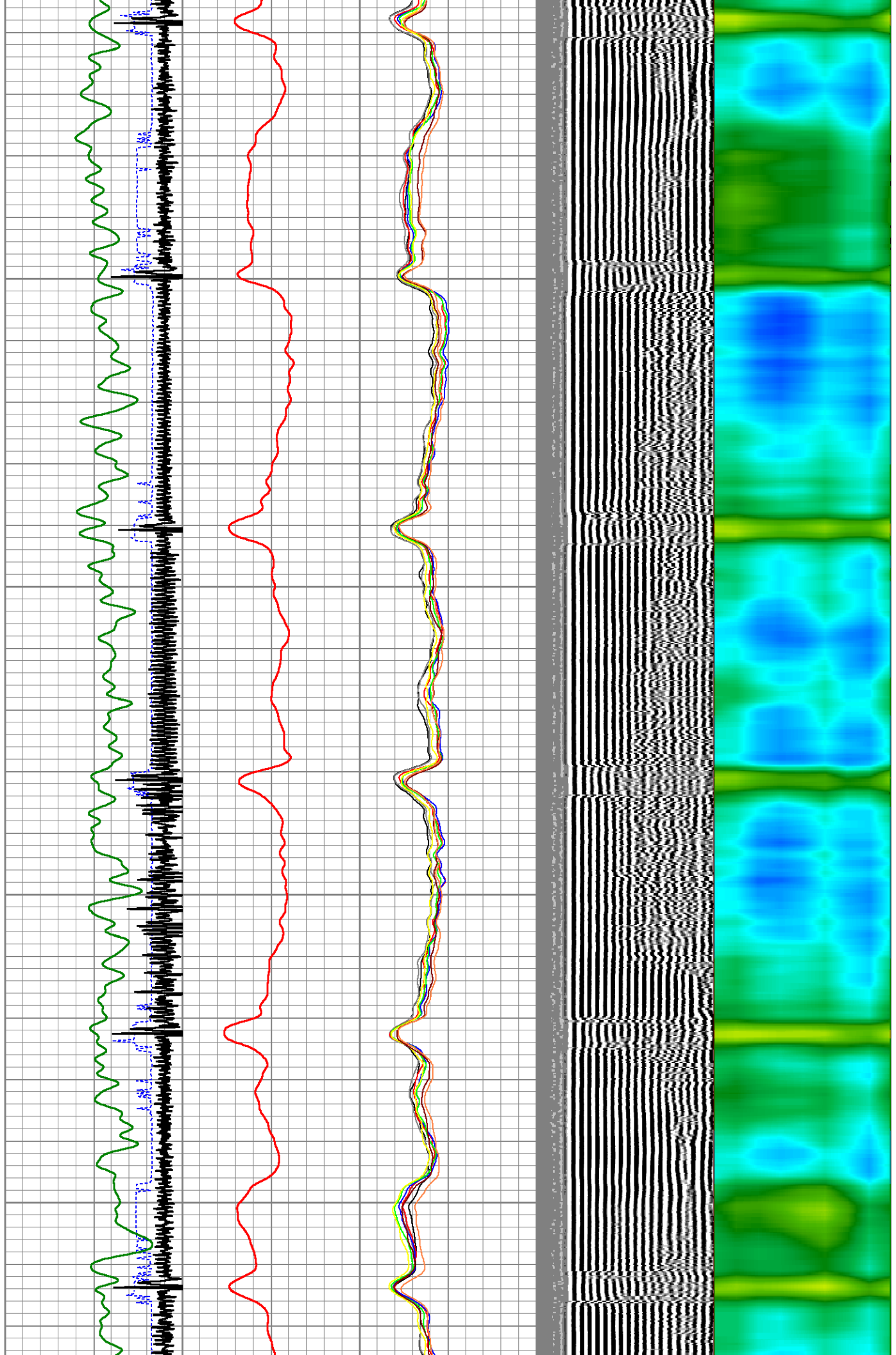


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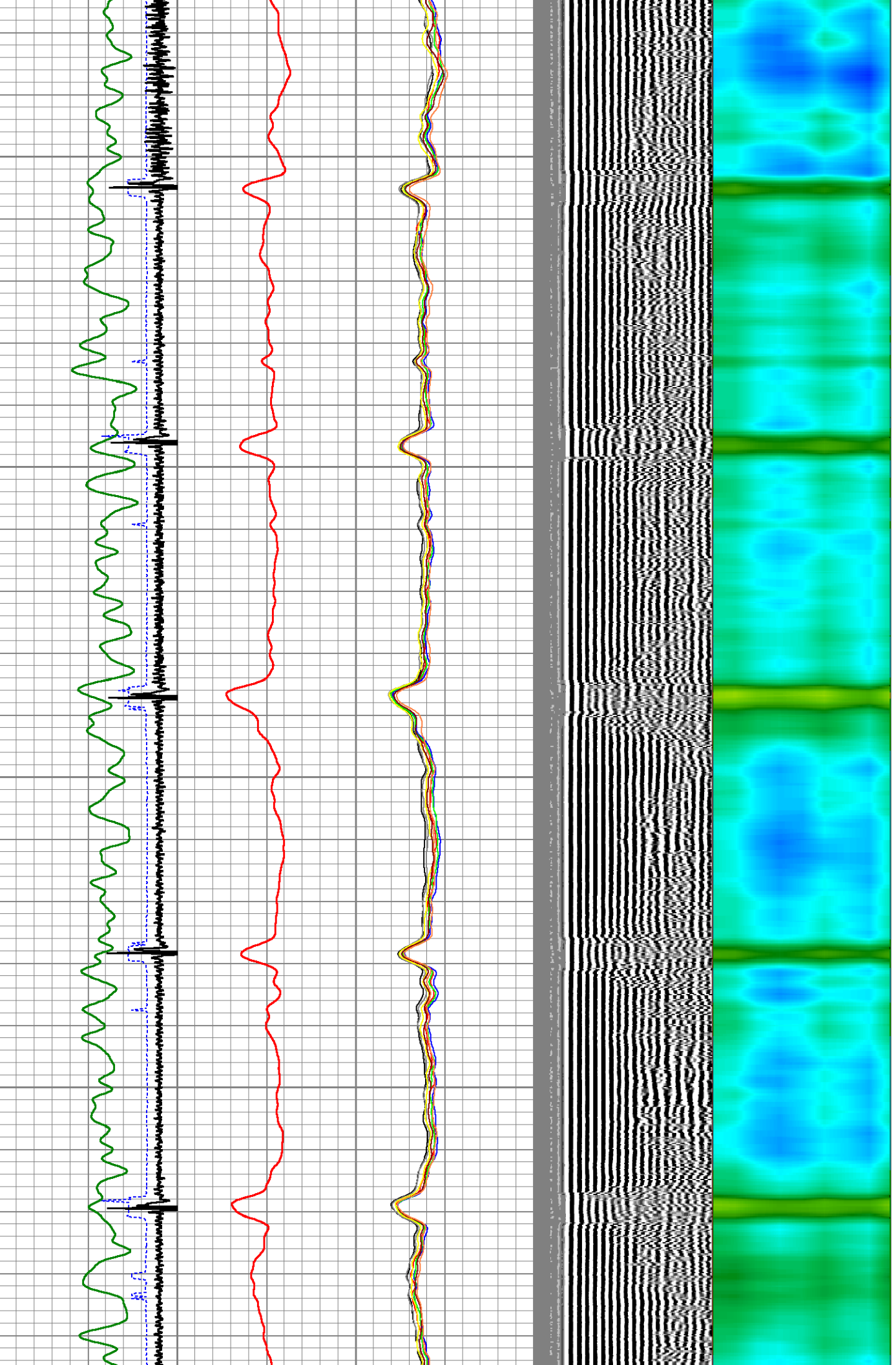


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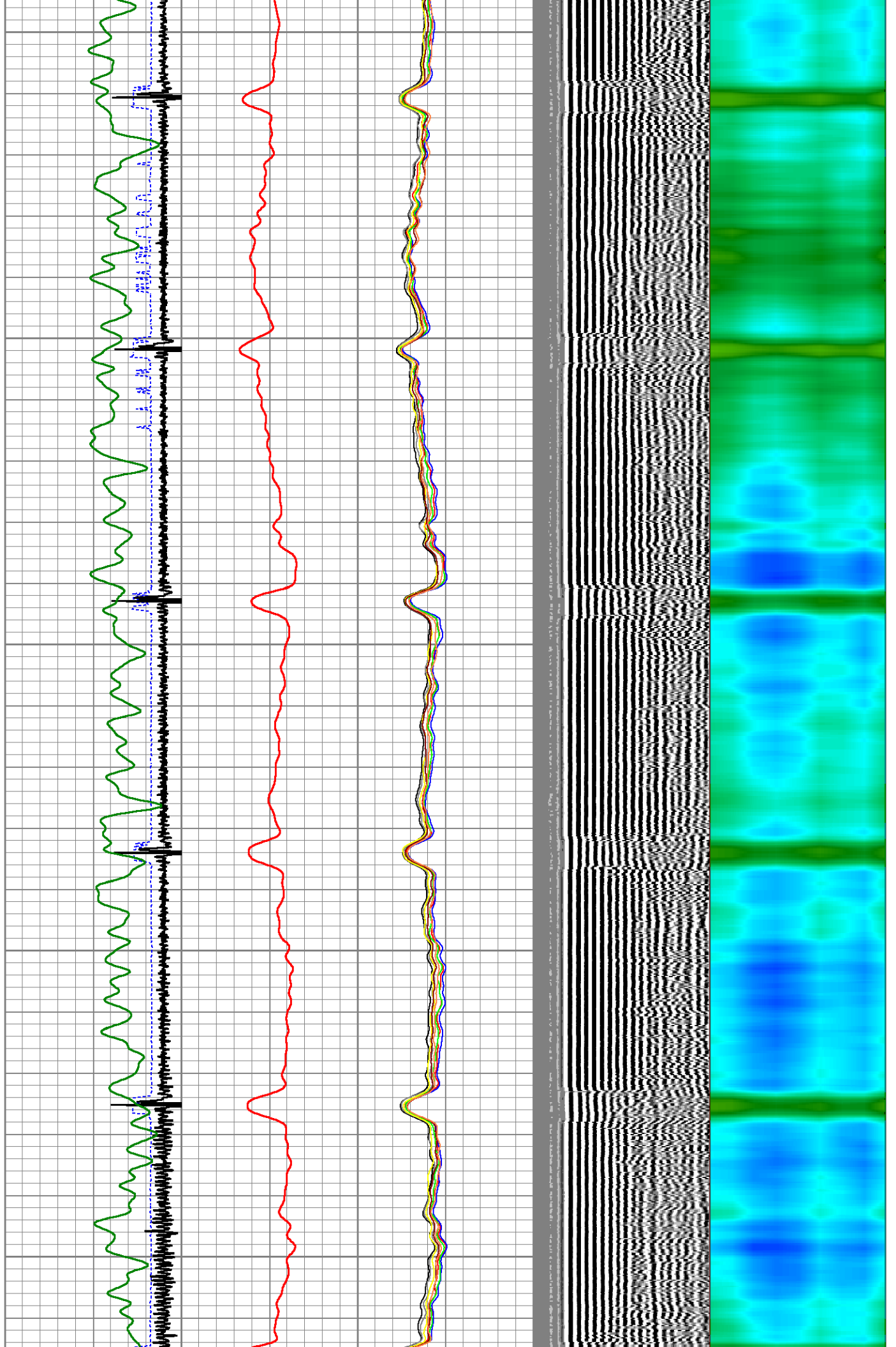
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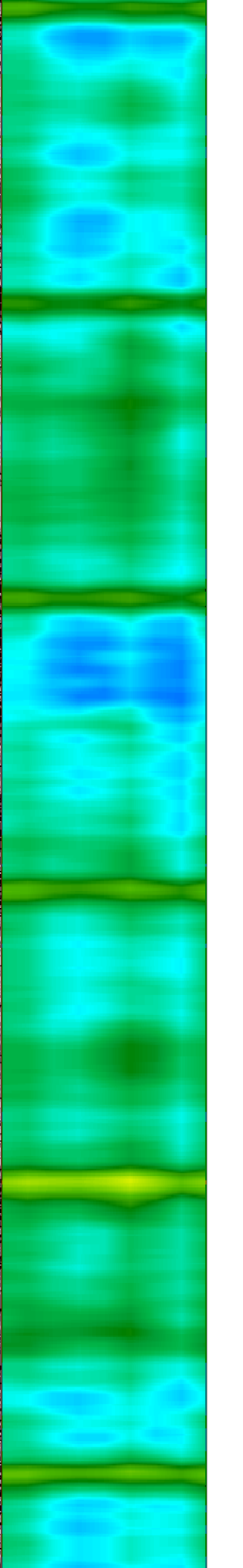
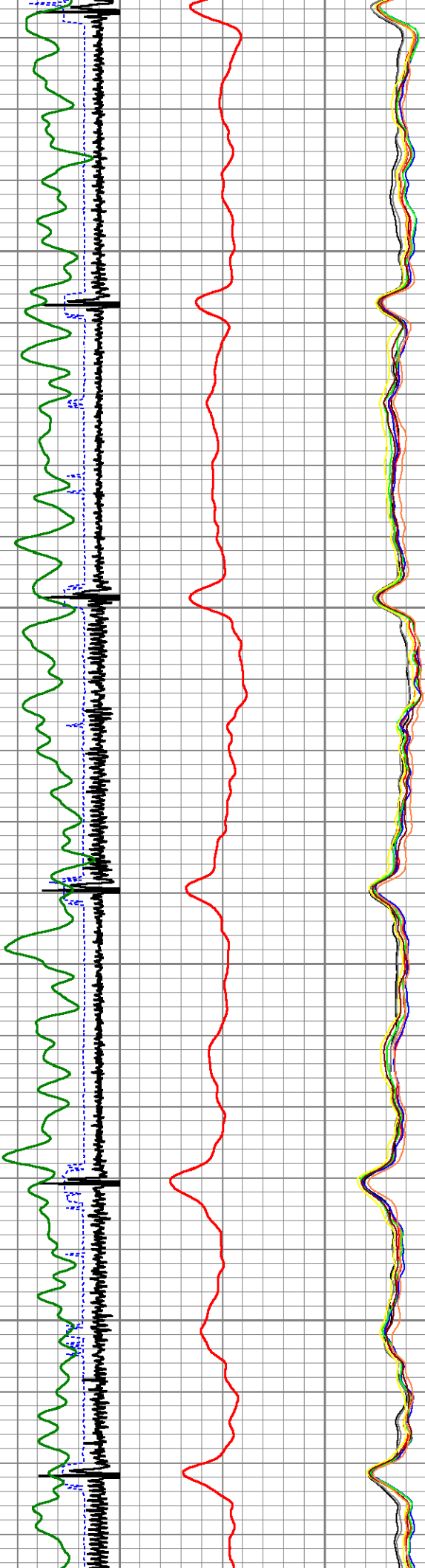


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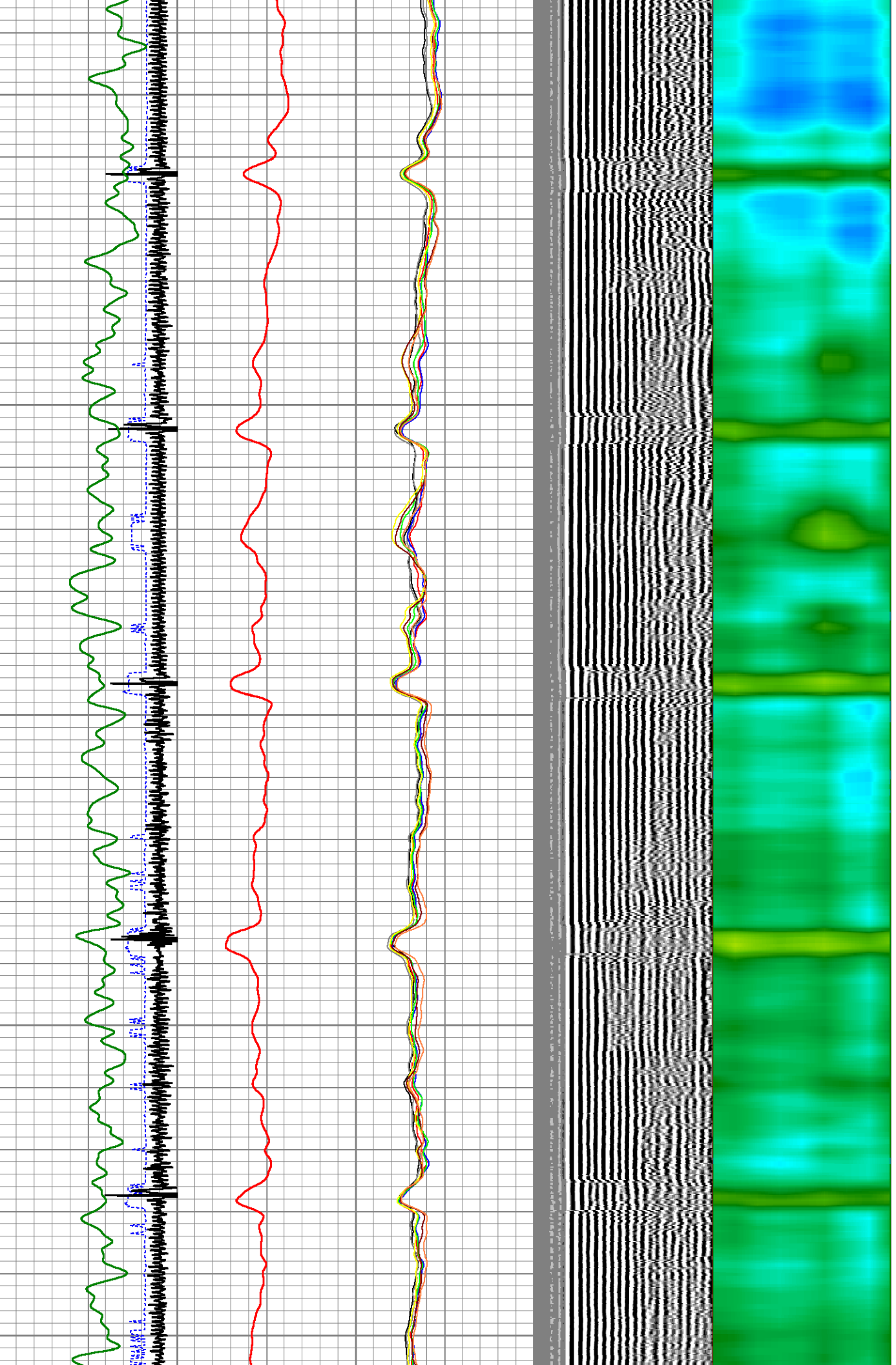
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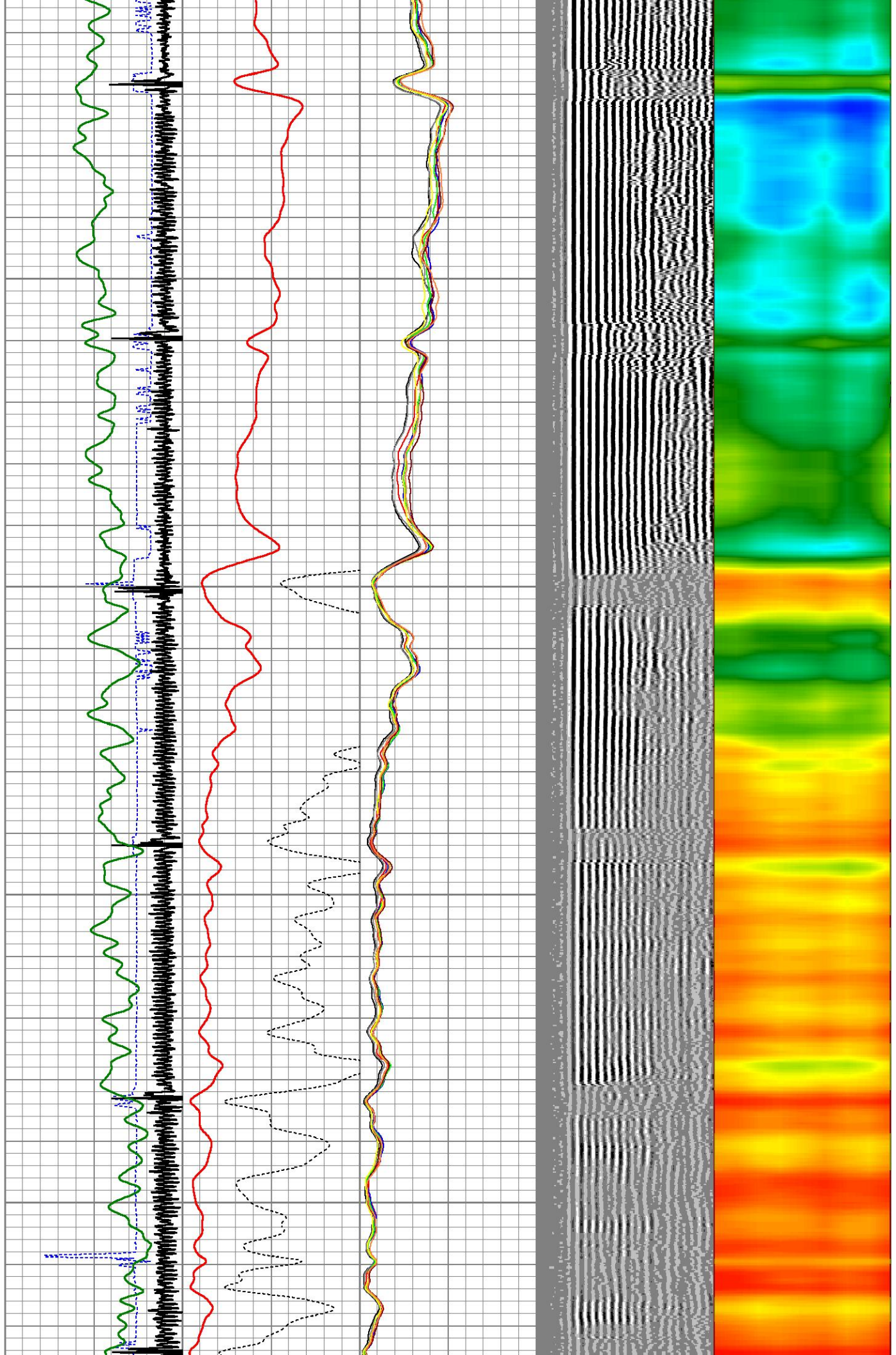


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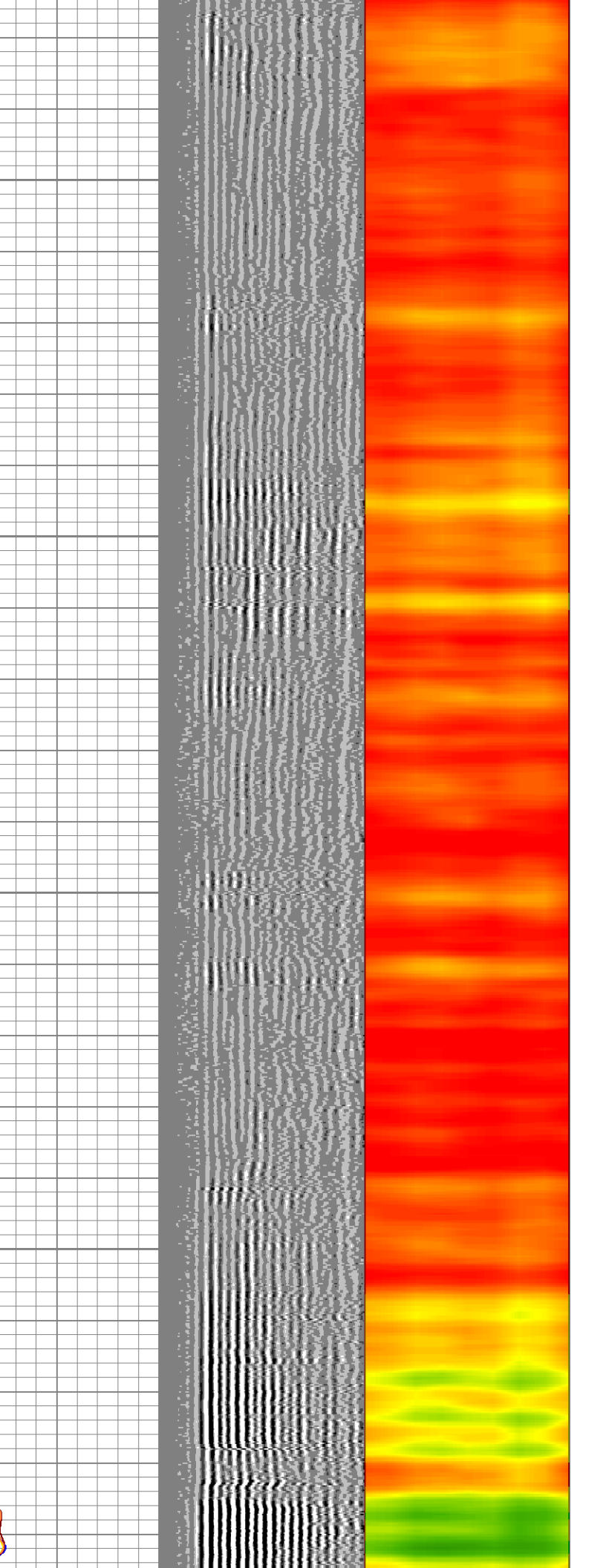
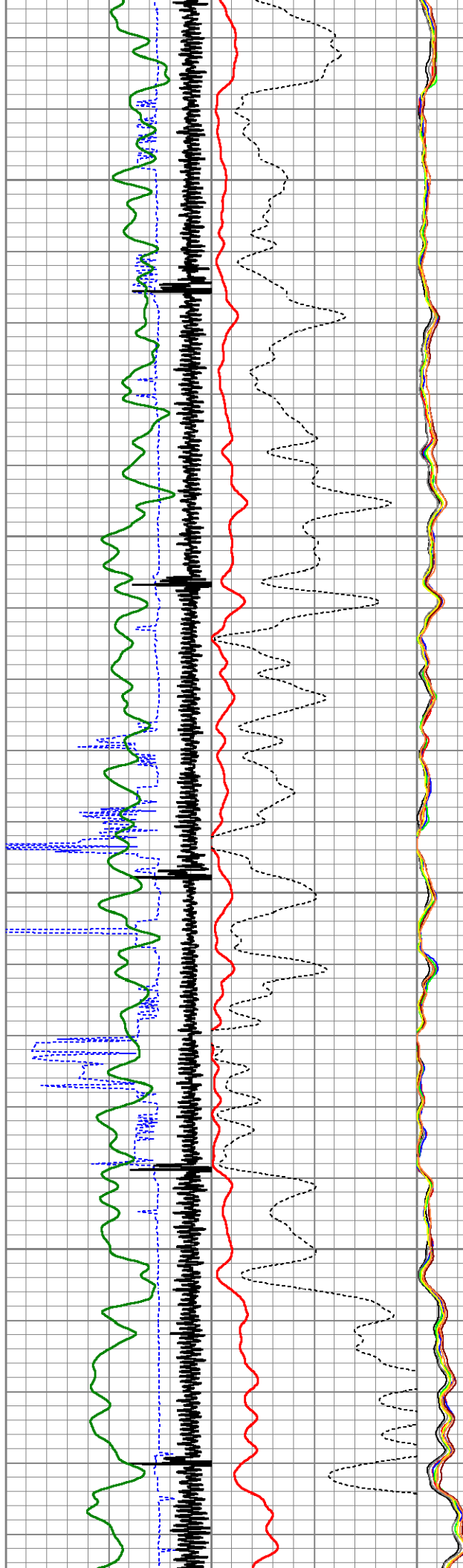


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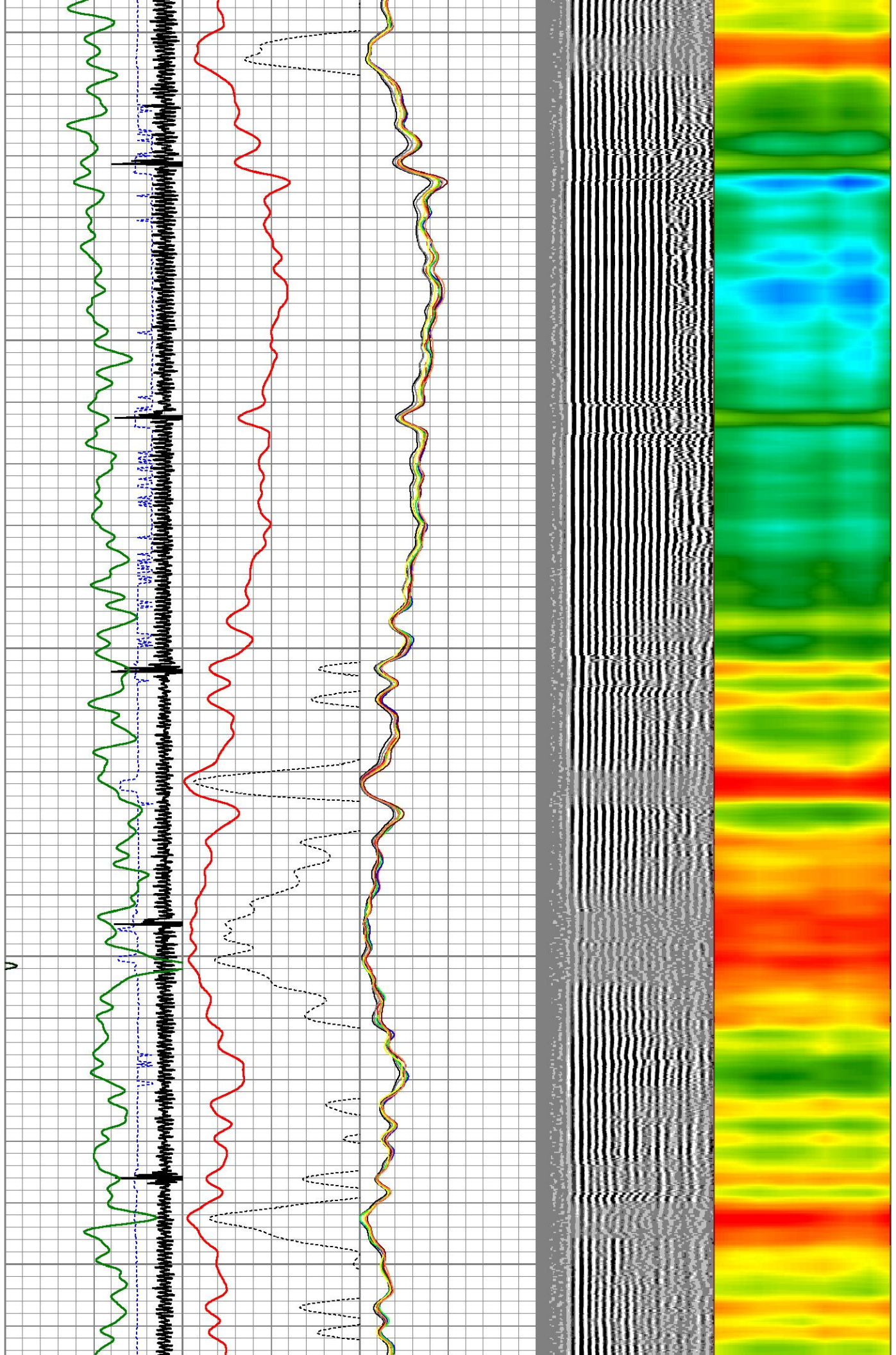
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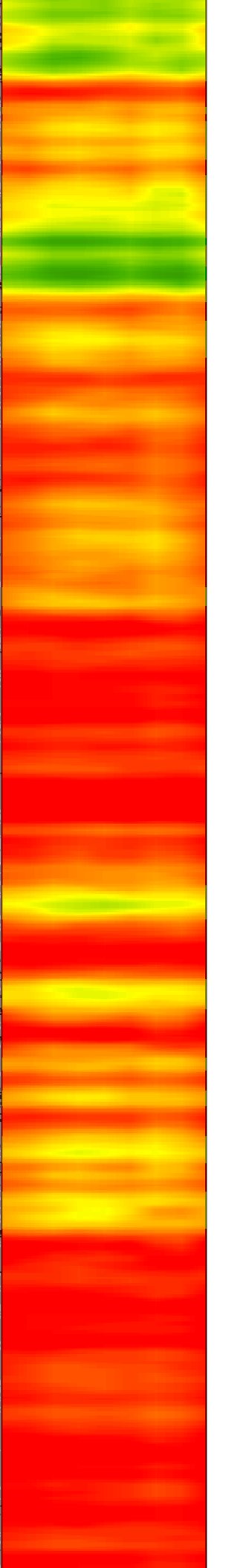
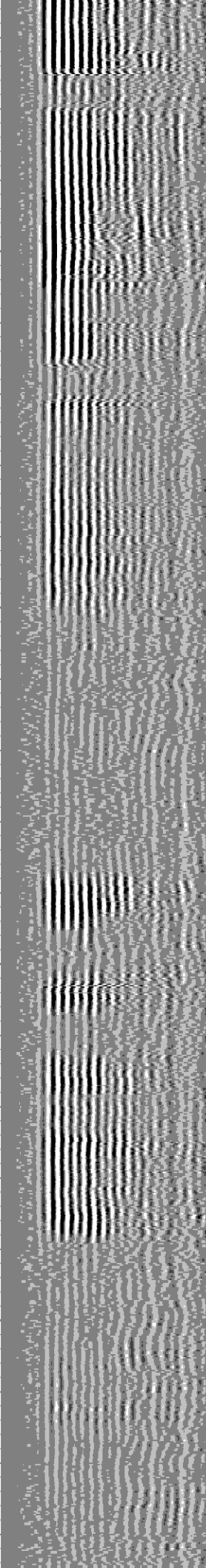
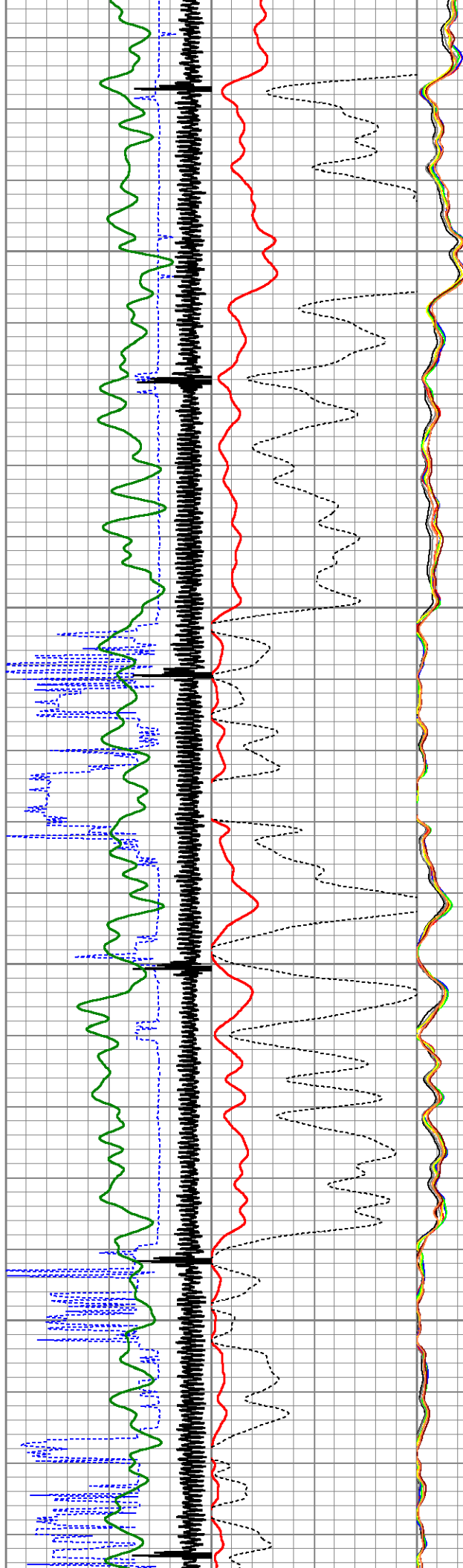
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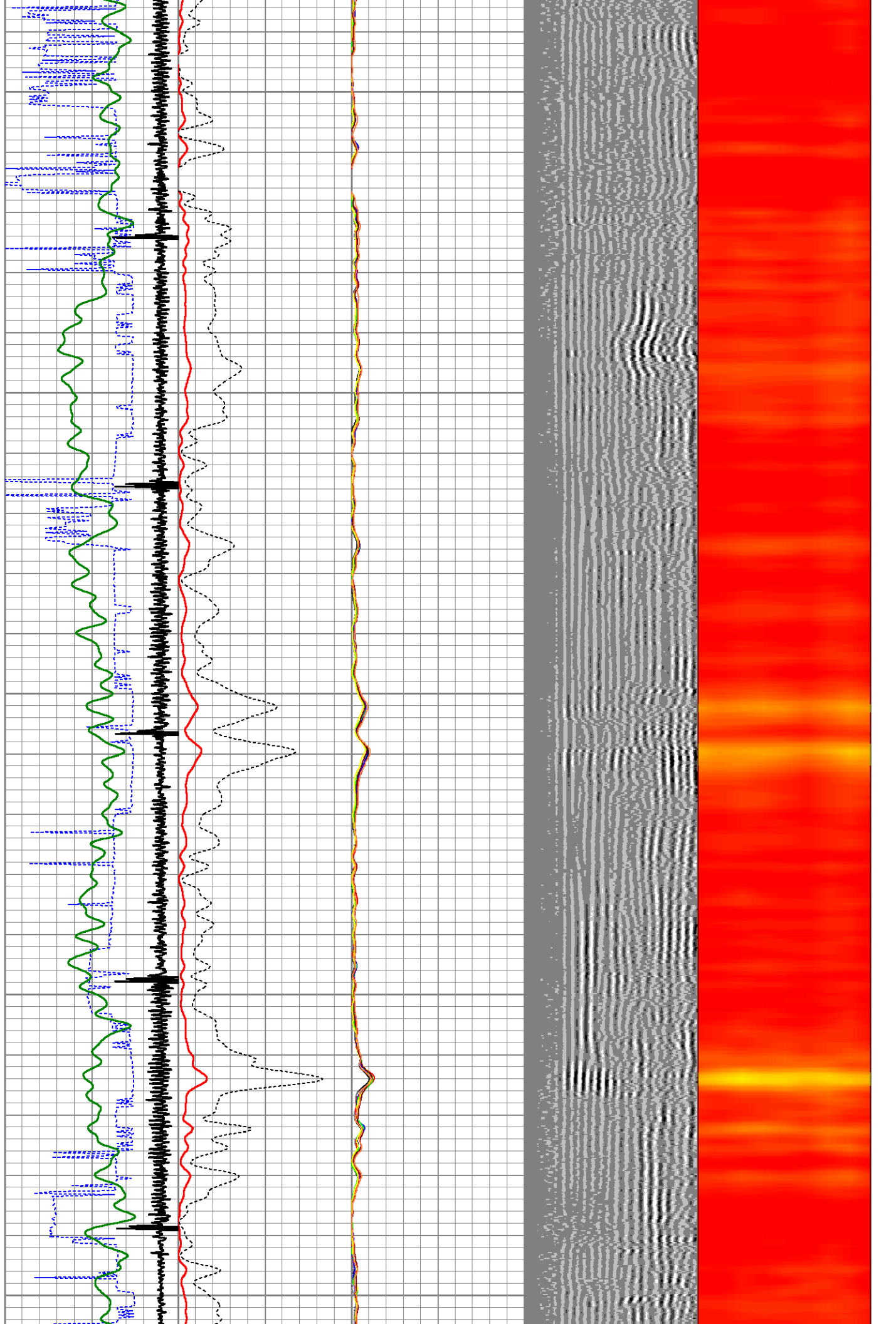
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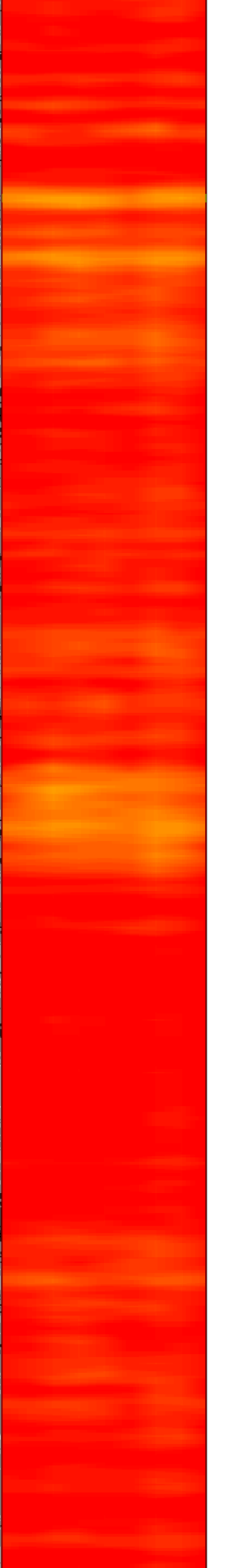
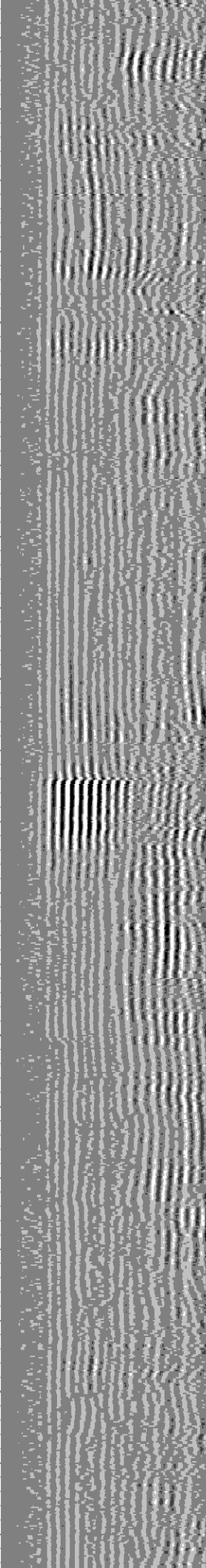
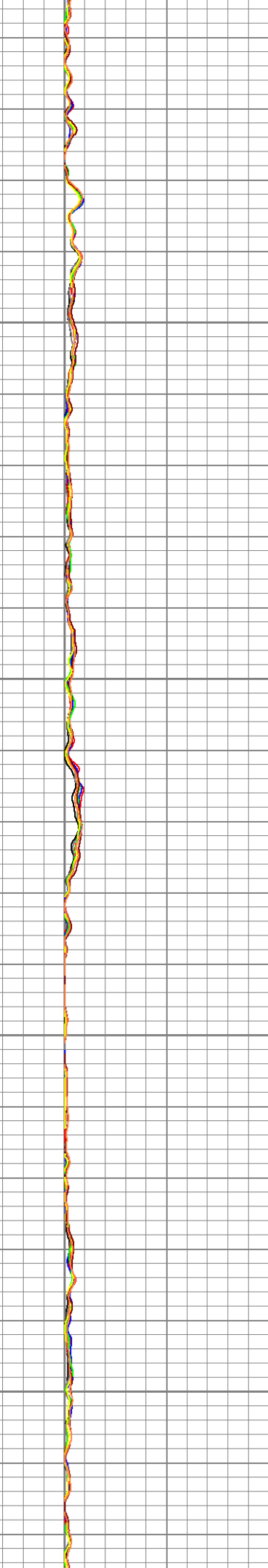
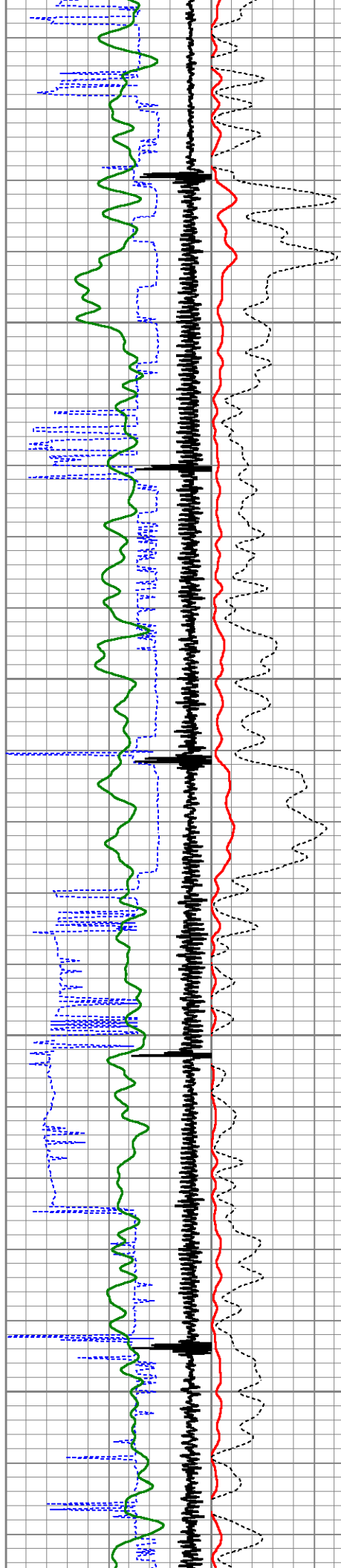


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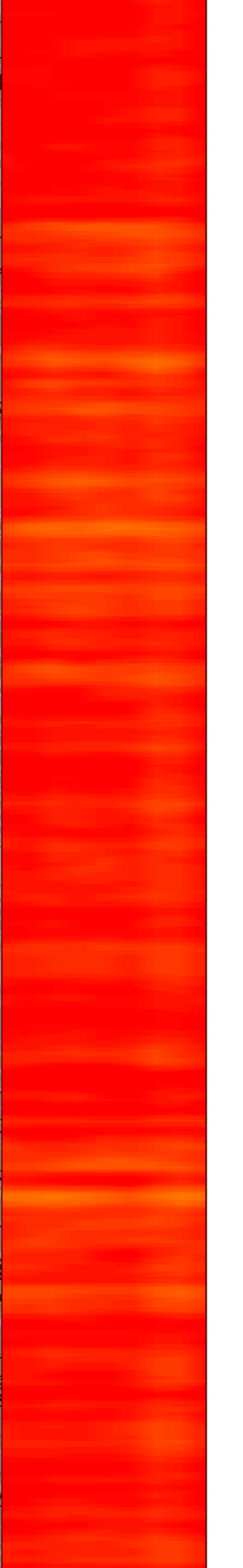
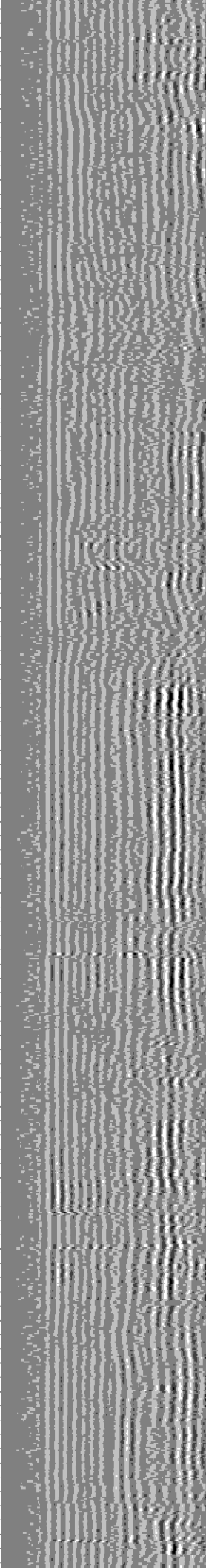
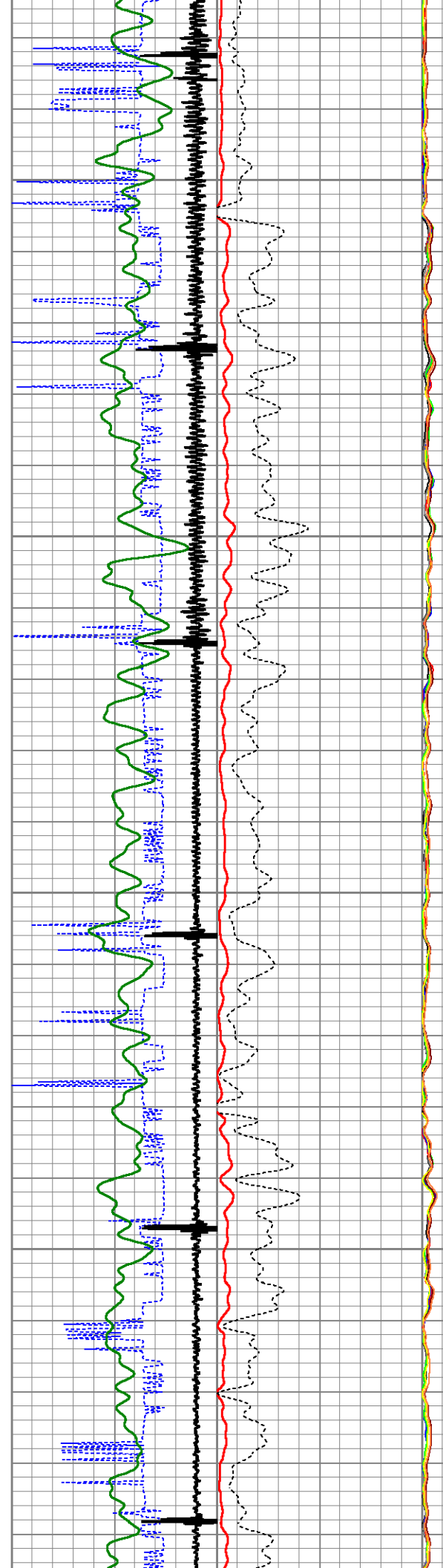


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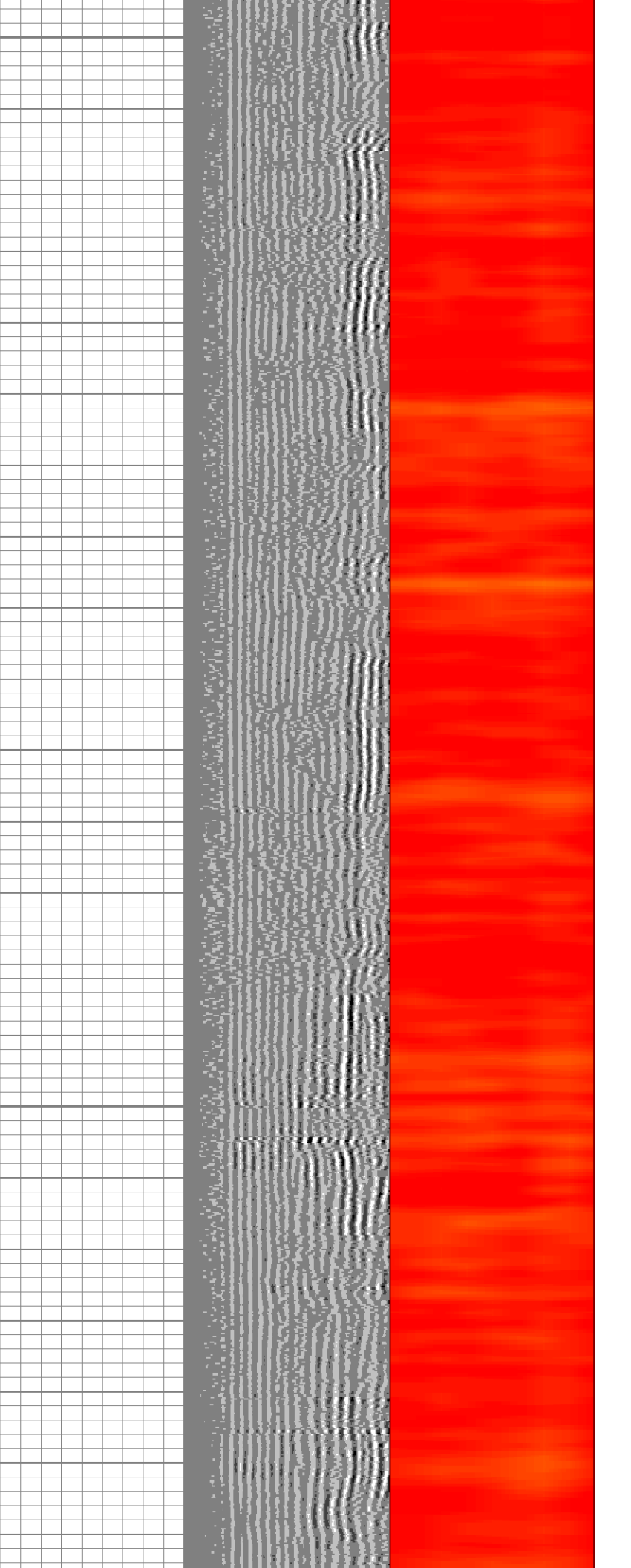
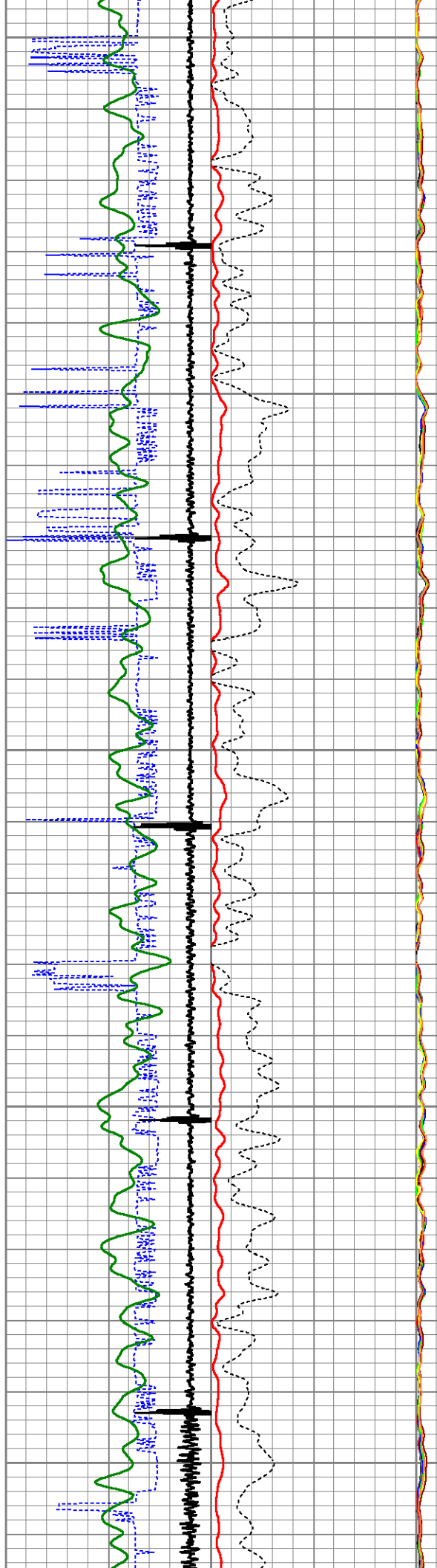
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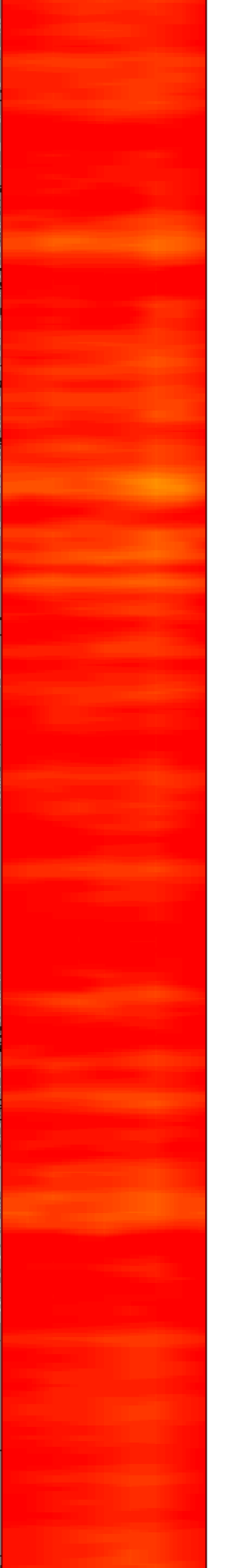
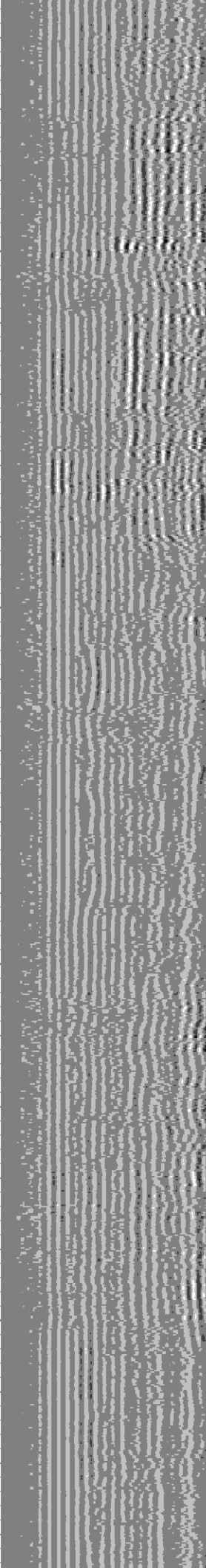
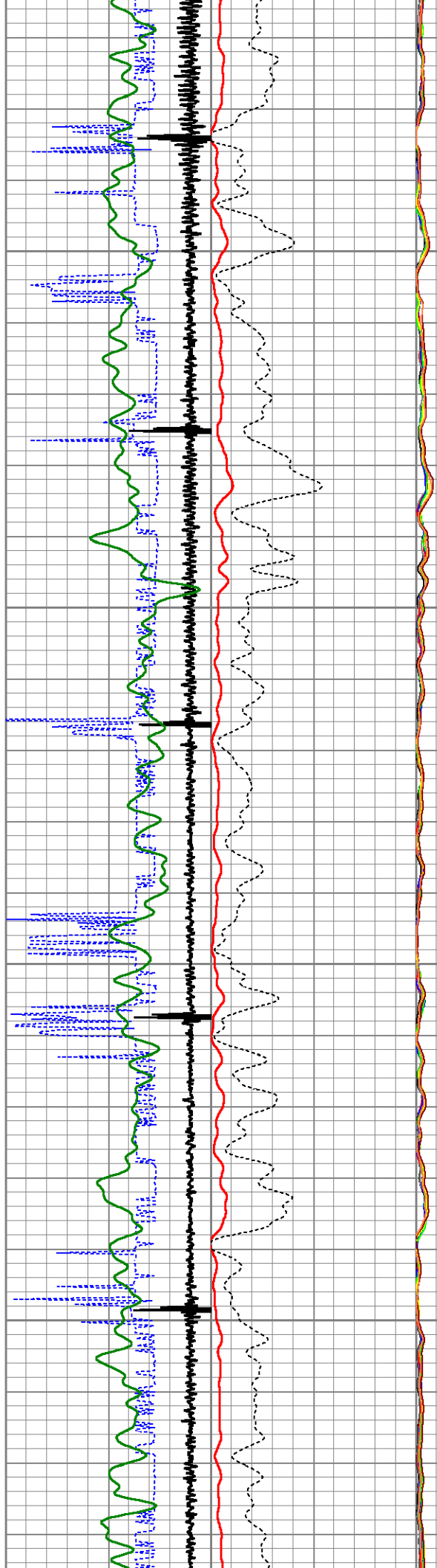


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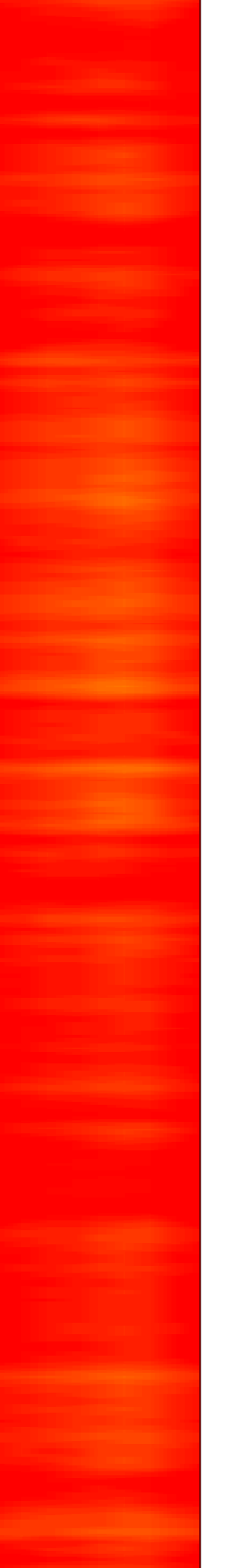
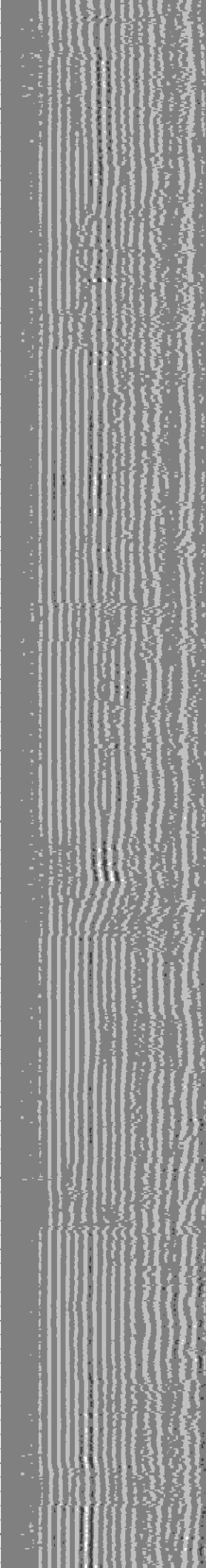
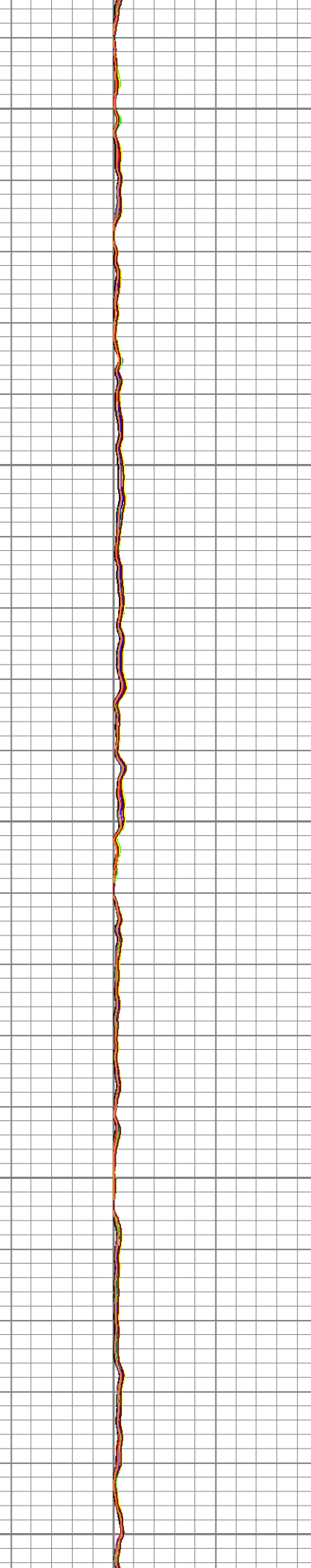
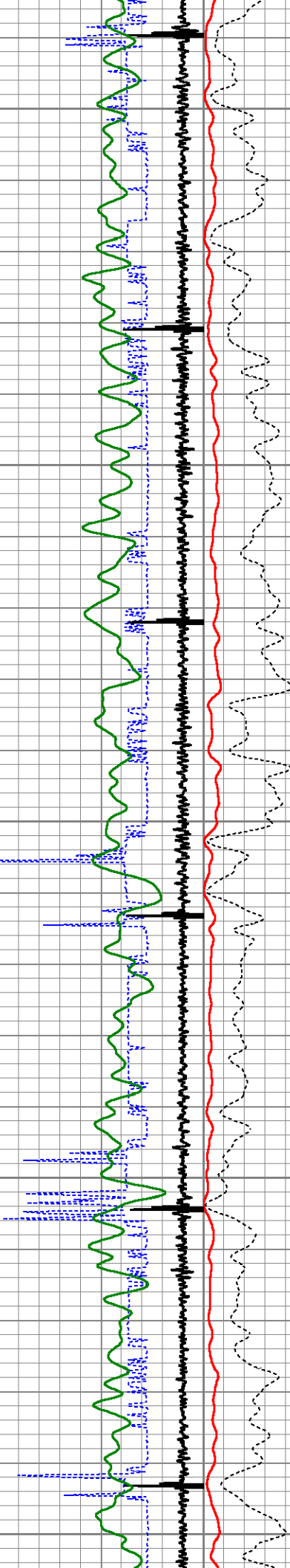
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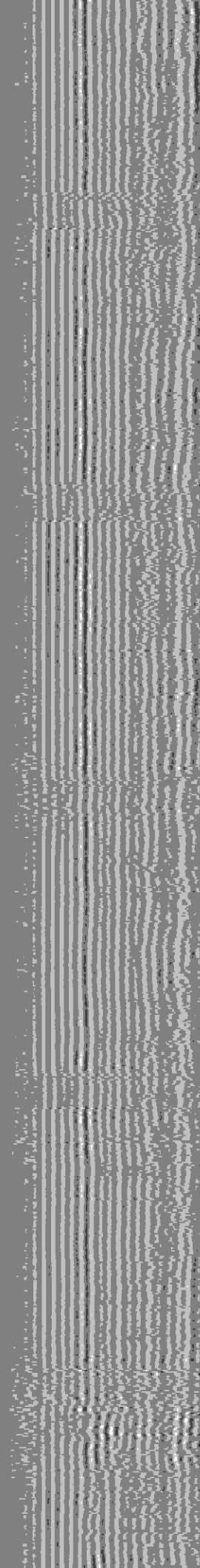
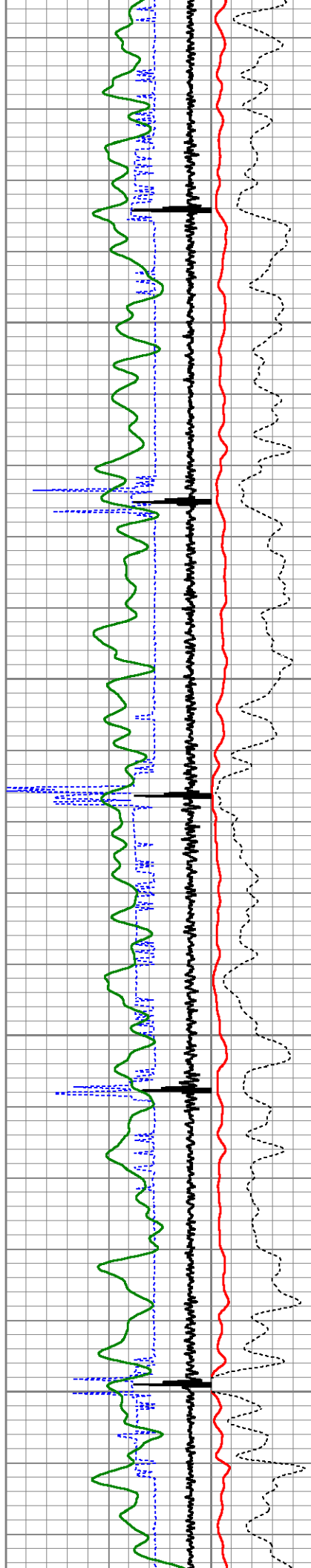


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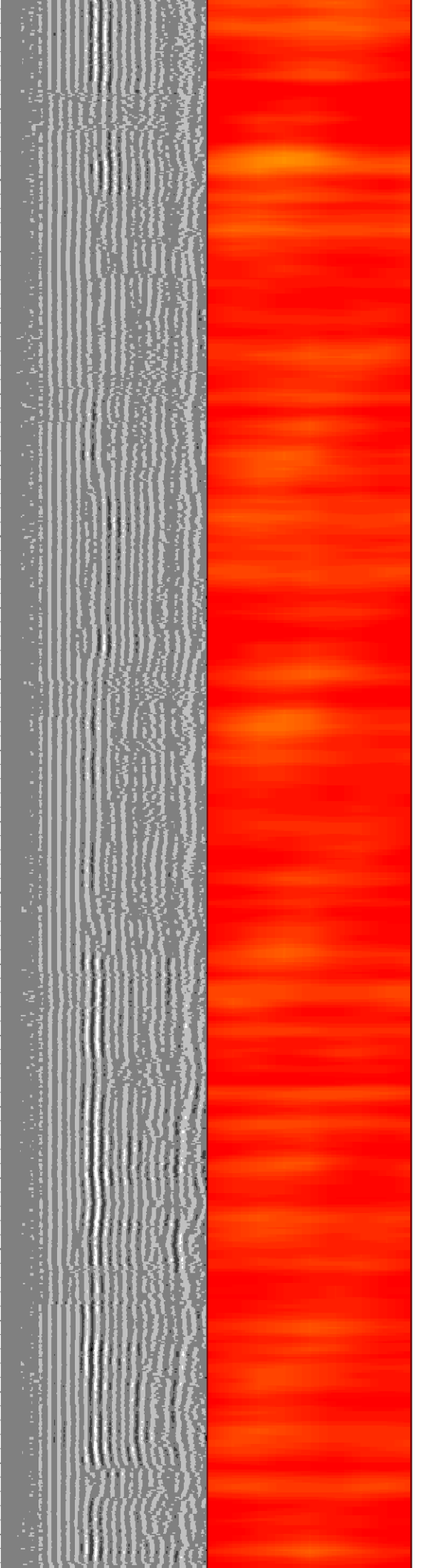
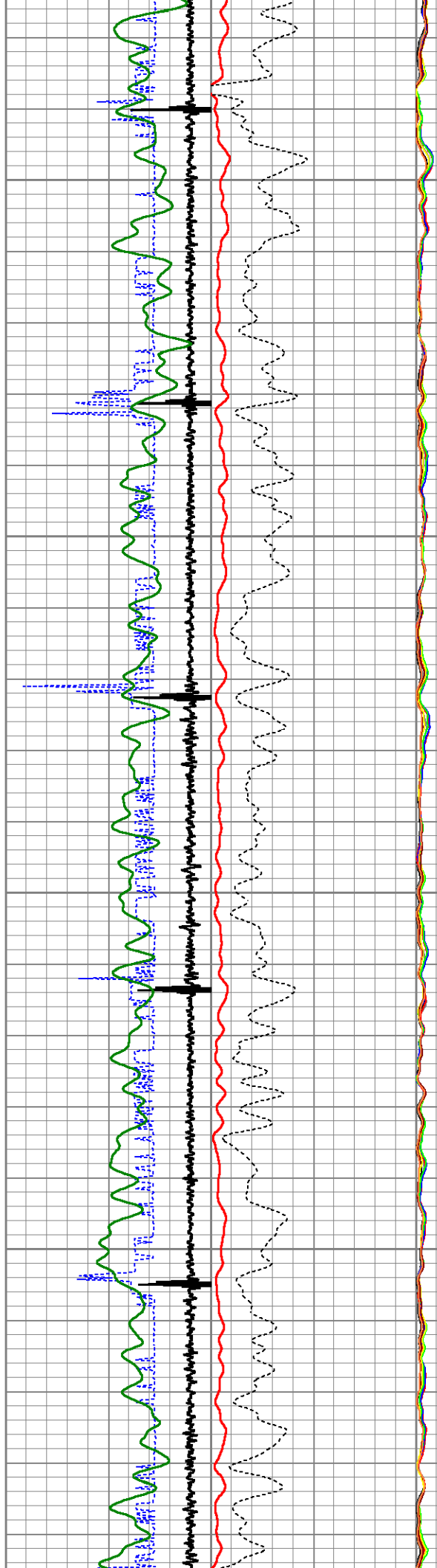


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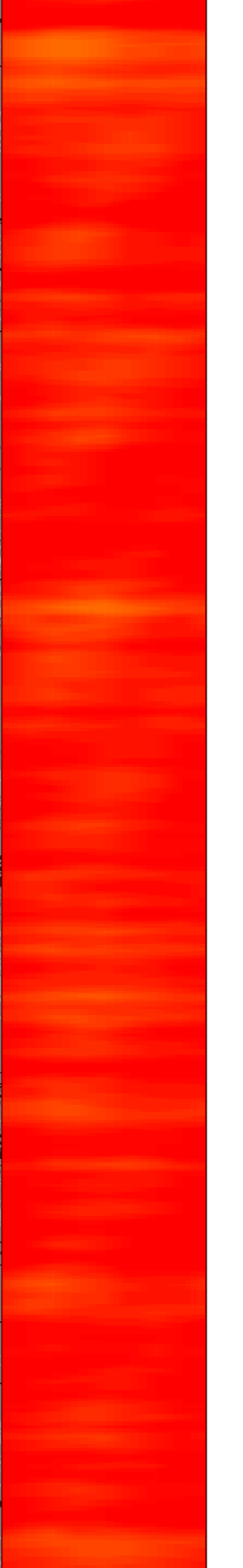
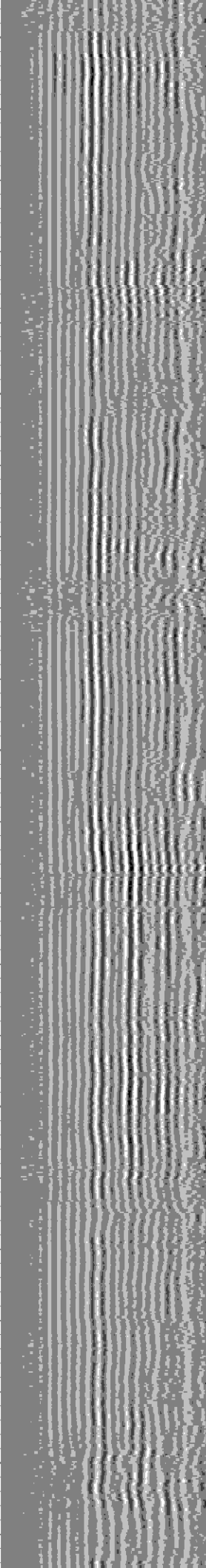
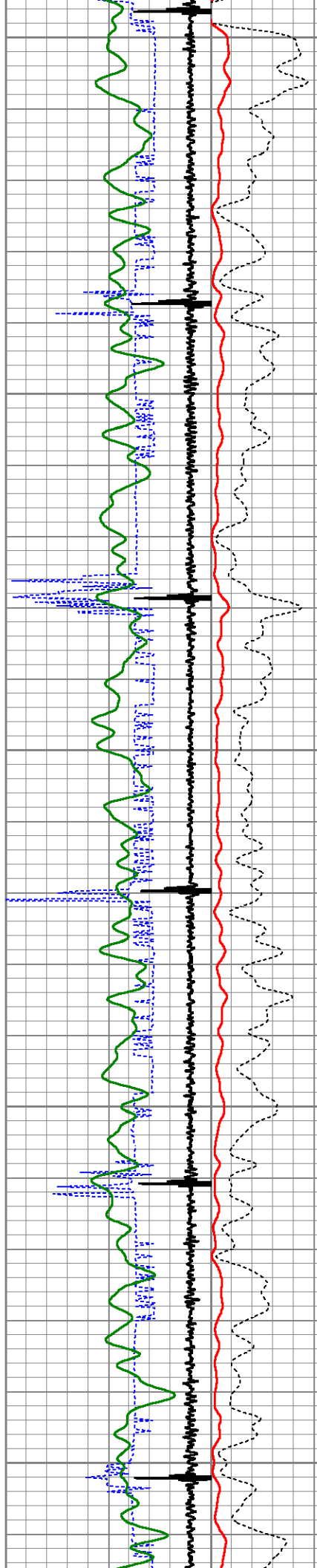
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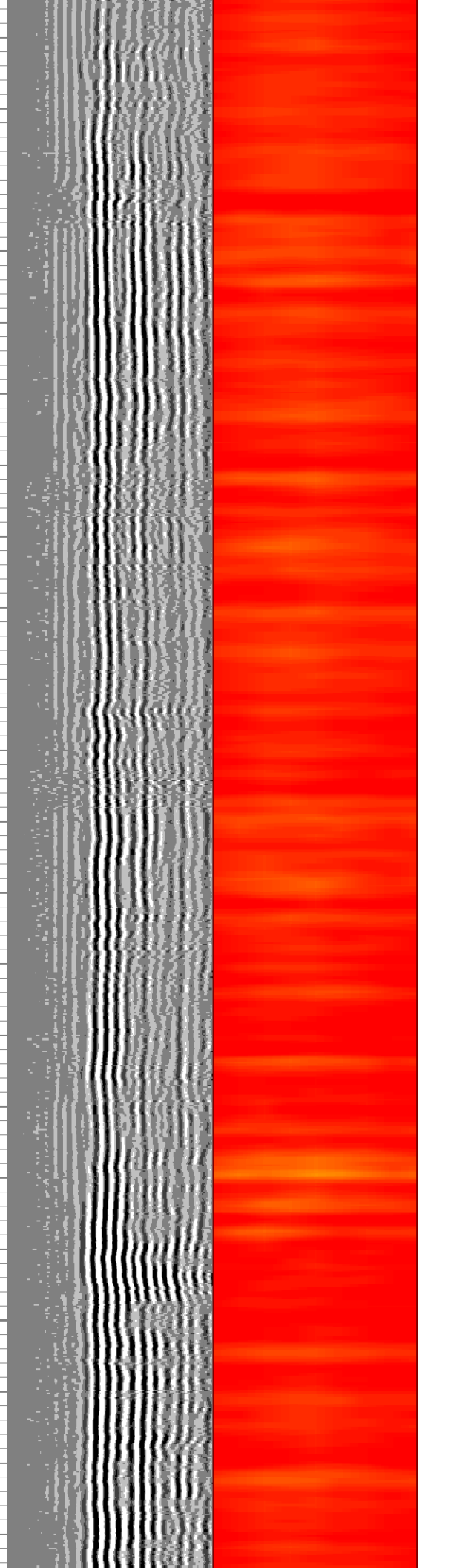
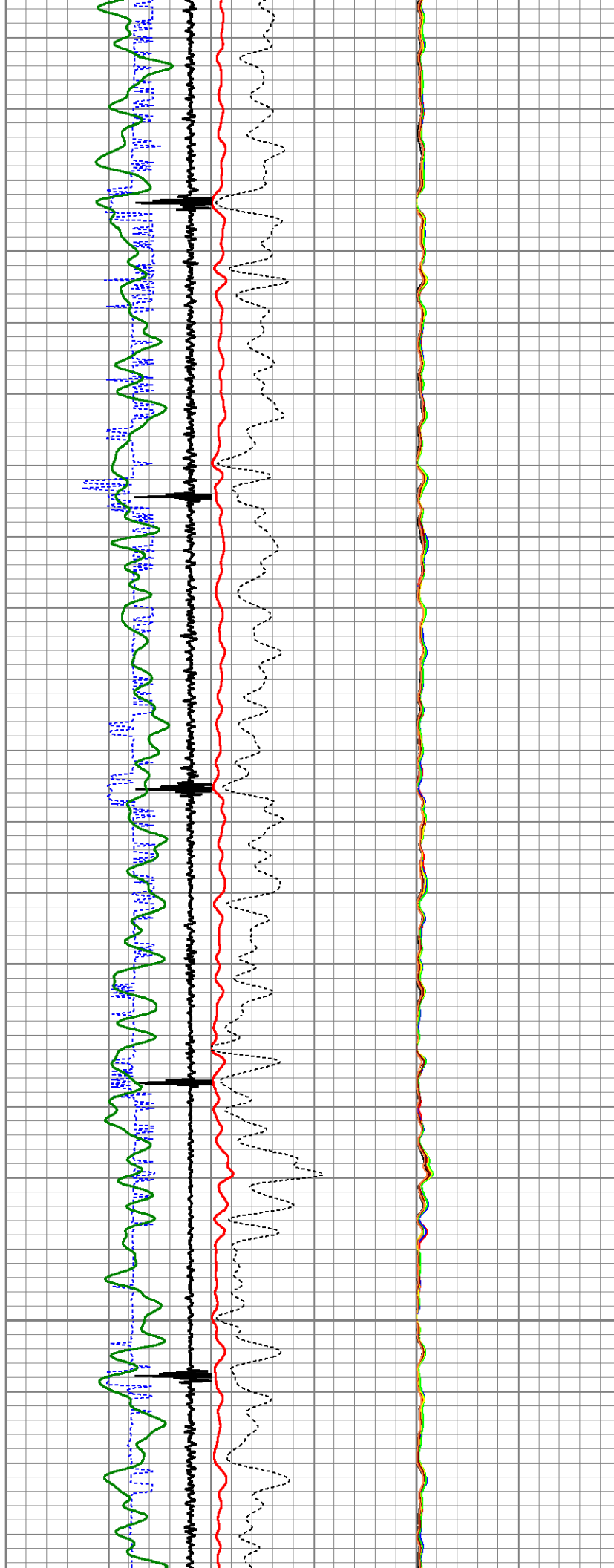


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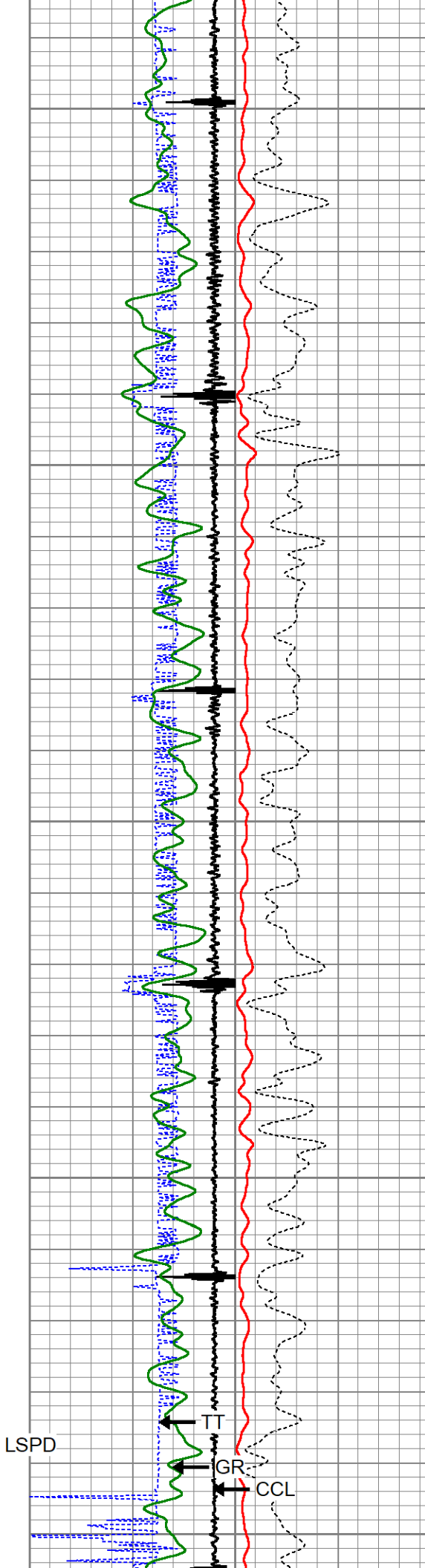
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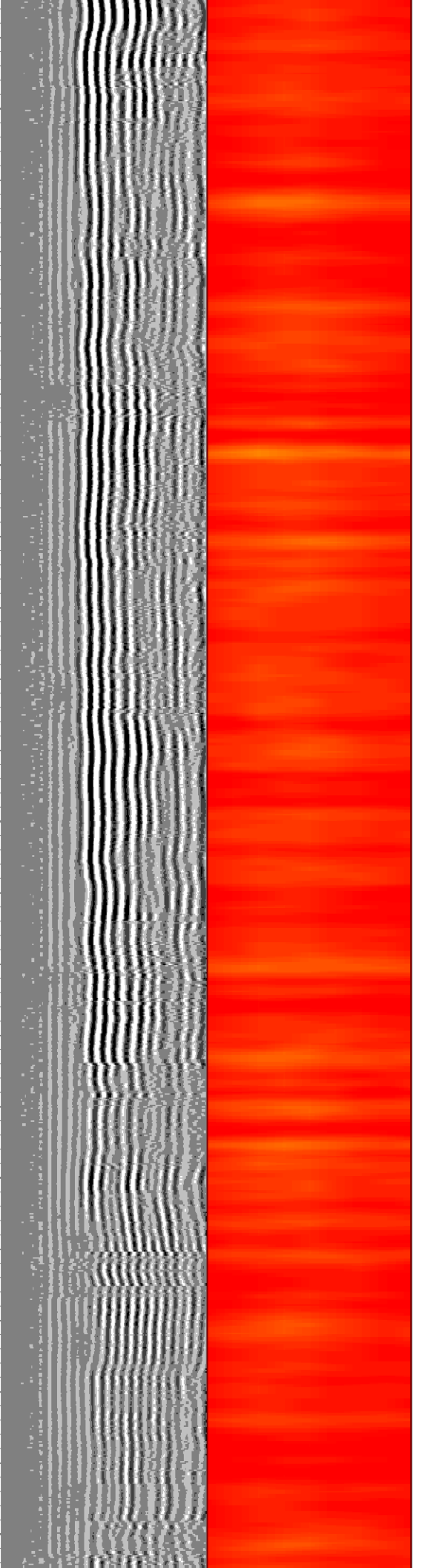
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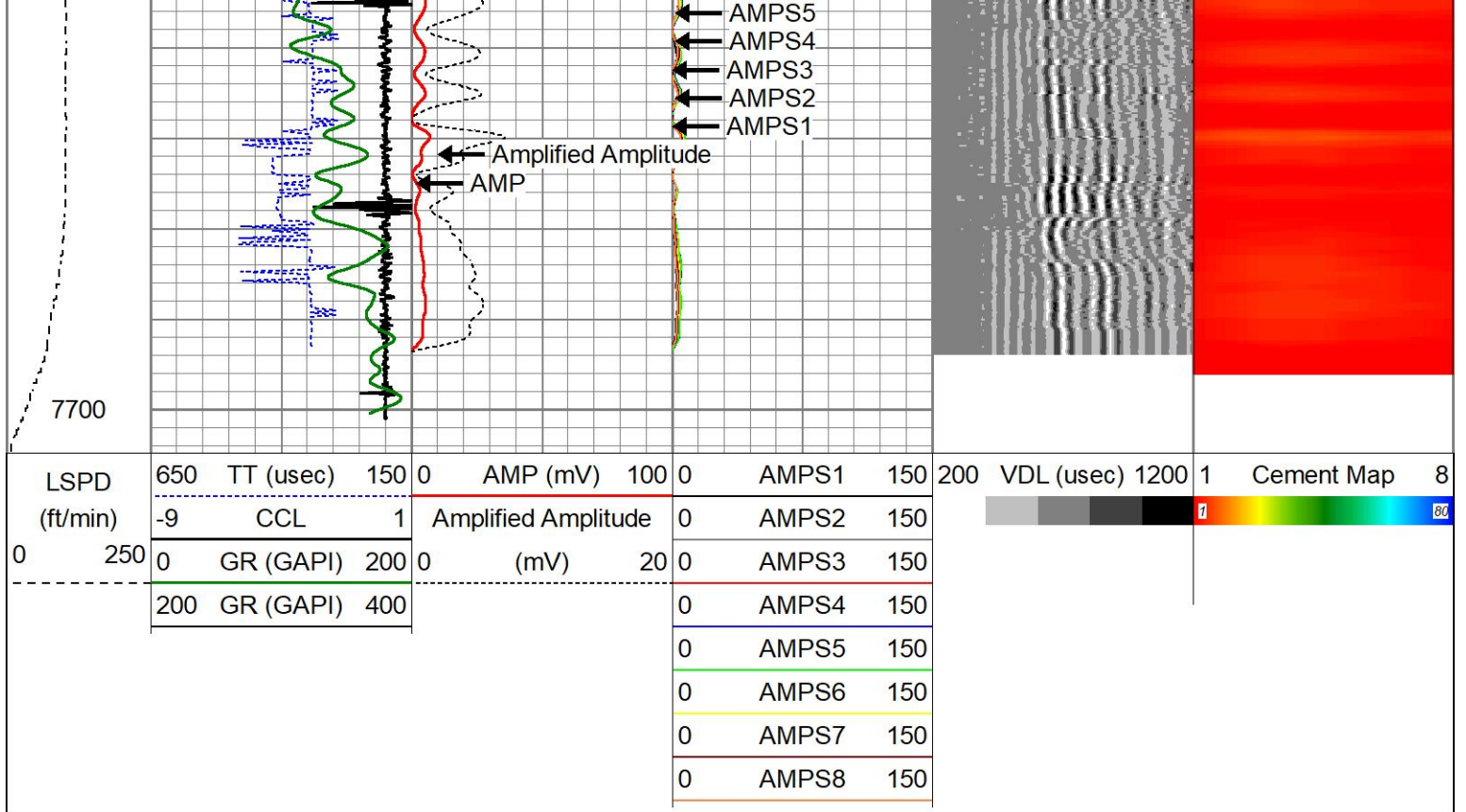
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AMPS8  
AMPS7  
AMPS6





### Calibration Report

Database File east rinn 02-08-15 rbl .db  
 Dataset Pathname pass9  
 Dataset Creation Tue Jan 28 13:09:24 2025

### Gamma Ray Calibration Report

Serial Number: 27GRL10-XXXX  
 Tool Model: 27GRL10  
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

### Segmented Cement Bond Log Calibration Report

Serial Number: Greeley Ext Temp  
 Tool Model: 27SBT10

Calibration Casing Diameter: 4.500 in  
 Calibration Depth: 1181.852 ft

### Master Calibration, performed (Derived):

|     | Raw (v) |       | Calibrated (mv) |        | Results |        |
|-----|---------|-------|-----------------|--------|---------|--------|
|     | Zero    | Cal   | Zero            | Cal    | Gain    | Offset |
| 3'  | 0.040   | 1.117 | 0.800           | 81.196 | 74.654  | -2.211 |
| CAL | -0.001  | 1.927 |                 |        |         |        |
| 5'  | 0.036   | 1.012 | 0.800           | 81.196 | 82.398  | -2.170 |
| SUM |         |       |                 |        |         |        |
| S1  | 0.052   | 1.117 | 0.000           | 81.196 | 76.270  | -3.974 |
| S2  | 0.015   | 1.000 | 0.000           | 81.196 | 78.210  | -3.511 |

|    |       |       |       |        |        |        |
|----|-------|-------|-------|--------|--------|--------|
| S2 | 0.045 | 1.068 | 0.000 | 81.196 | 79.348 | -3.541 |
| S3 | 0.038 | 1.057 | 0.000 | 81.196 | 79.690 | -3.006 |
| S4 | 0.042 | 1.104 | 0.000 | 81.196 | 76.418 | -3.174 |
| S5 | 0.045 | 1.138 | 0.000 | 81.196 | 74.295 | -3.340 |
| S6 | 0.054 | 1.226 | 0.000 | 81.196 | 69.290 | -3.762 |
| S7 | 0.050 | 1.271 | 0.000 | 81.196 | 66.525 | -3.326 |
| S8 | 0.049 | 1.176 | 0.000 | 81.196 | 72.073 | -3.564 |

Internal Reference Calibration, performed (Not Performed):

|     | Raw (v) |       | Calibrated (v) |       | Results |        |
|-----|---------|-------|----------------|-------|---------|--------|
|     | Zero    | Cal   | Zero           | Cal   | Gain    | Offset |
| CAL | 0.000   | 0.000 | -0.001         | 1.927 | 1.000   | 0.000  |

Air Zero Calibration, performed Fri Jun 21 08:12:39 2024:

|     | 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   |  |



|         |                    |                |
|---------|--------------------|----------------|
| Company | CIVITAS RESOURCES  |                |
| Well    | EAST RINN 02-08-15 |                |
| Field   | WATTENBERG         |                |
| County  | WELD               |                |
| State   | COLORADO           | Country U.S.A. |