



**RADIAL BOND TOOL  
GAMMA RAY  
CCL**

**ENERGY SERVICES**

|                        |                       |                      |                |
|------------------------|-----------------------|----------------------|----------------|
| Company                | CIVITAS               | Country              | USA            |
| Well                   | STATE OF COLORADO X 1 |                      |                |
| Field                  | LOWRY                 |                      |                |
| County                 | APAPAHOE              |                      |                |
| State                  | CO                    |                      |                |
| Location:              |                       | API # : 05-005-06610 | Other Services |
| SEC 13 TWP 5S RGE 65W  |                       |                      |                |
| Permanent Datum        | GL                    | Elevation            | 5940'          |
| Log Measured From      | 12 FT                 |                      |                |
| Drilling Measured From | KB                    |                      |                |
| Elevation              |                       | K.B. ---             |                |
|                        |                       | D.F. ---             |                |
|                        |                       | G.L. 5940'           |                |
| Date                   | 18-NOV-2025           |                      |                |
| Run Number             | ONE                   |                      |                |
| Depth Driller          | 8715'                 |                      |                |
| Depth Logger           | 6950'                 |                      |                |
| Bottom Logged Interval | 6945'                 |                      |                |
| Top Log Interval       | SURFACE               |                      |                |
| Open Hole Size         | 7 7/8"                |                      |                |
| Type Fluid             | WATER                 |                      |                |
| Density / Viscosity    | N/A                   |                      |                |
| Max. Recorded Temp.    | °                     |                      |                |
| Estimated Cement Top   | N/A                   |                      |                |
| Time Well Ready        | ON ARRIVAL            |                      |                |
| Time Logger on Bottom  | N/A                   |                      |                |
| Equipment Number       | 7770                  |                      |                |
| Location               | PLATTEVILLE ,CO       |                      |                |
| Recorded By            | W. Wacker             |                      |                |
| Witnessed By           | Hector Terrazas       |                      |                |
| Borehole Record        |                       | Tubing Record        |                |
| Run Number             | Bit                   | From                 | To             |
|                        |                       | Size                 | Weight         |
|                        |                       | From                 | To             |
| Casing Record          | Size                  | Wgt/Ft               | Top            |
| Surface String         | 8 5/8"                | 24#                  | SURFACE        |
| Prot. String           | 5 1/2"                | 15.5#                | SURFACE        |
| Production String      |                       |                      |                |
| Liner                  |                       |                      |                |

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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**

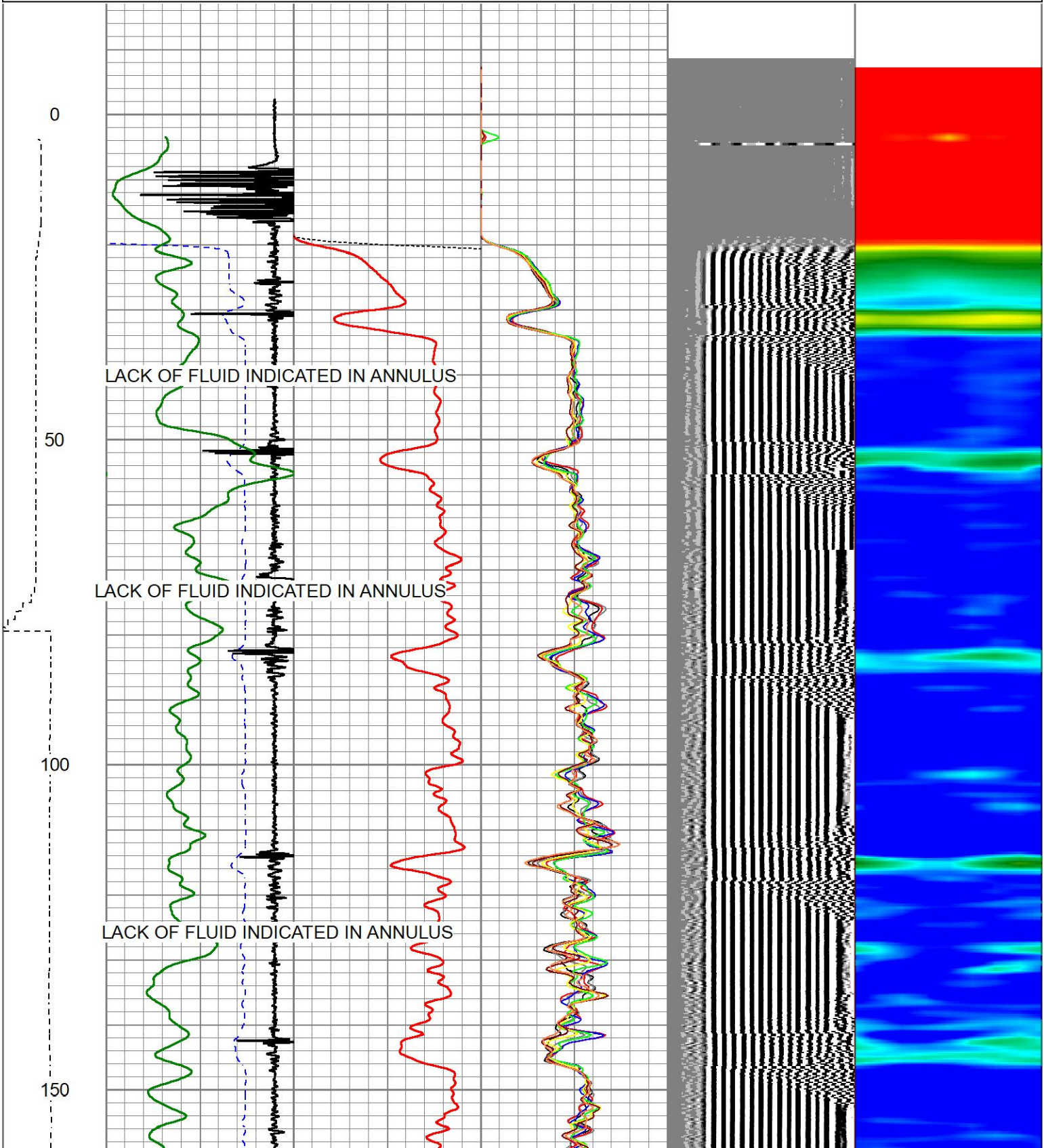
**RAN CBL TO VERIFY CEMENT BOND  
WELL LOADED ON ARRIVAL  
CORRELATED TO KB AT 12 FT  
RECORDED WITH 500 PSI SURFACE INDUCED PRESSURE  
LACK OF FLUID INDICATED IN ANNULUS FROM 202 FT TO SURFACE**

| Sensor   | Offset (ft) | Schematic                                                                           | Description                             | Length (ft) | O.D. (in) | Weight (lb) |
|----------|-------------|-------------------------------------------------------------------------------------|-----------------------------------------|-------------|-----------|-------------|
| HEADVOLT | 18.38       |  | CHD-1_7/16_Cabehead<br>1 7/16 Cablehead | 1.00        | 1.44      | 5.00        |

|                                                                                                                                          |       |  |                                                                                         |      |       |
|------------------------------------------------------------------------------------------------------------------------------------------|-------|--|-----------------------------------------------------------------------------------------|------|-------|
| Temp                                                                                                                                     | 15.52 |  |                                                                                         |      |       |
| WVFS8                                                                                                                                    | 13.29 |  | RBT-27SBT10 (Greeley-Ext-Temp-5.5")<br>Probe 2.75" Radial with Integral Temperature Sub | 9.39 | 2.75  |
| WVFS7                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS6                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS5                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS4                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS3                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS2                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVFS1                                                                                                                                    | 13.29 |  |                                                                                         |      |       |
| WVF3FT                                                                                                                                   | 13.29 |  |                                                                                         |      |       |
| WVF5FT                                                                                                                                   | 12.29 |  |                                                                                         |      |       |
| WVFCAL                                                                                                                                   | 9.04  |  |                                                                                         |      |       |
| HEADVOLT                                                                                                                                 | 9.04  |  | CENT-2.75variable<br>2.75" variable length                                              | 2.00 | 2.75  |
|                                                                                                                                          |       |  |                                                                                         |      | 25.00 |
| CCL                                                                                                                                      | 6.14  |  |                                                                                         |      |       |
|                                                                                                                                          |       |  | GR-27GRL10 (27GRL10-XXXX)<br>2-3/4" Probe Gamma Ray                                     | 4.54 | 2.75  |
|                                                                                                                                          |       |  |                                                                                         |      | 50.00 |
| GR                                                                                                                                       | 3.39  |  |                                                                                         |      |       |
|                                                                                                                                          |       |  | CENT-Tecko (001)<br>Tecko 2 3/4" 30" long                                               | 2.50 | 2.75  |
|                                                                                                                                          |       |  |                                                                                         |      | 25.00 |
| Dataset: 5-5inch--civ-state-of-colorado-x-1.db: field/well/cbl/ddp<br>Total length: 19.43 ft<br>Total weight: 105.00 lb<br>O.D.: 2.75 in |       |  |                                                                                         |      |       |

|                     |                                       |
|---------------------|---------------------------------------|
| Database File       | 5-5inch--civ-state-of-colorado-x-1.db |
| Dataset Pathname    | cbl/m                                 |
| Presentation Format | ips_rbtcivcolorcivitas2               |
| Dataset Creation    | Tue Nov 18 07:30:09 2025              |
| Charted by          | Depth in Feet scaled 1:240            |

|            |      |                            |           |     |            |     |   |       |     |     |            |      |   |            |   |
|------------|------|----------------------------|-----------|-----|------------|-----|---|-------|-----|-----|------------|------|---|------------|---|
| 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   | AMPx5 (mV) | 20  | 0 | AMPS2 | 150 |     |            |      |   |            |   |
| 0          | -250 | GR (GAPI)                  | 125       |     |            |     | 0 | AMPS3 | 150 |     |            |      |   |            |   |
|            |      | 125                        | GR (GAPI) | 500 |            |     | 0 | AMPS4 | 150 |     |            |      |   |            |   |
|            |      |                            |           |     |            |     | 0 | AMPS5 | 150 |     |            |      |   |            |   |
|            |      |                            |           |     |            |     | 0 | AMPS6 | 150 |     |            |      |   |            |   |
|            |      |                            |           |     |            |     | 0 | AMPS7 | 150 |     |            |      |   |            |   |
|            |      |                            |           |     |            |     | 0 | AMPS8 | 150 |     |            |      |   |            |   |



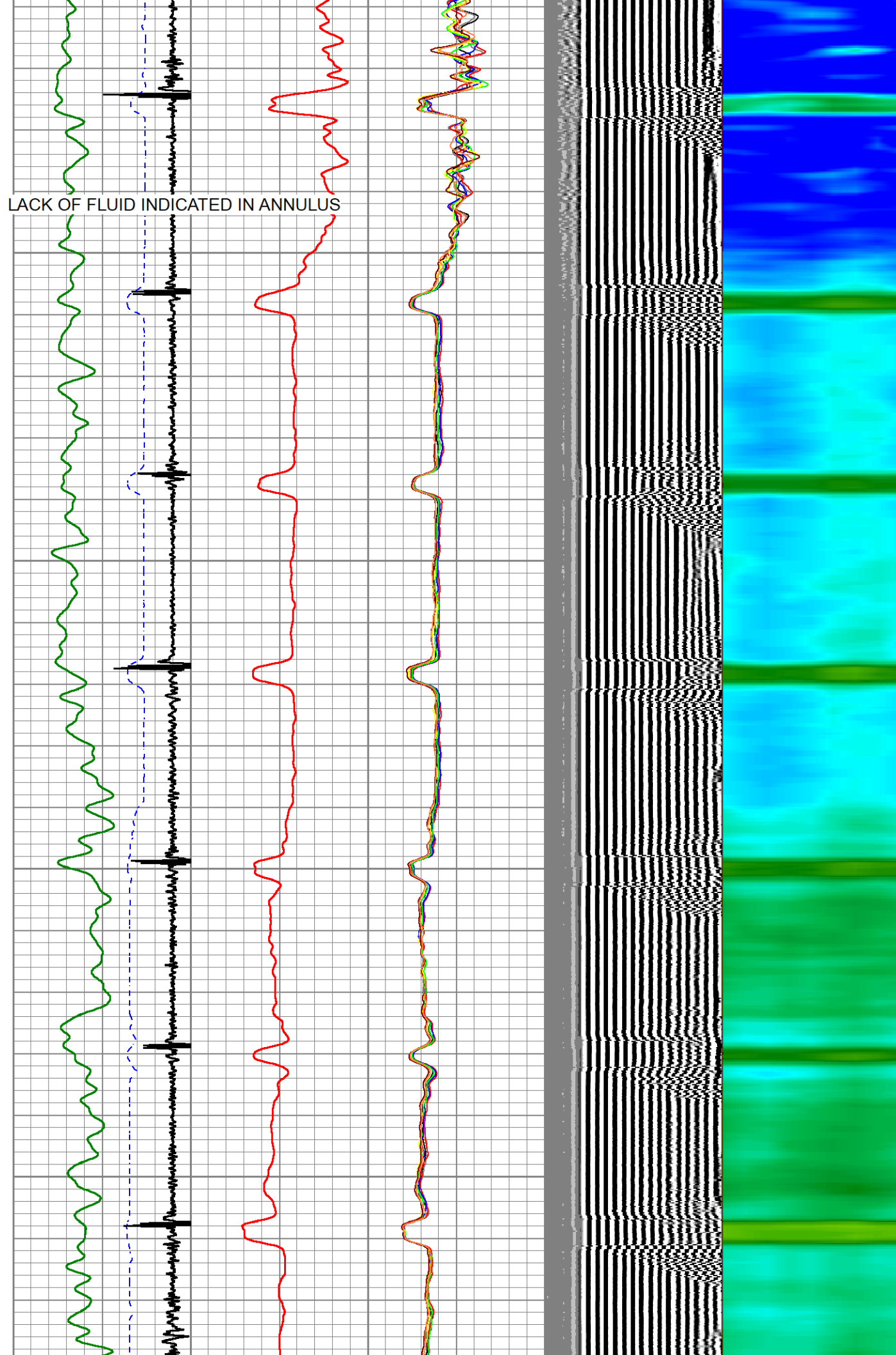
LACK OF FLUID INDICATED IN ANNULUS

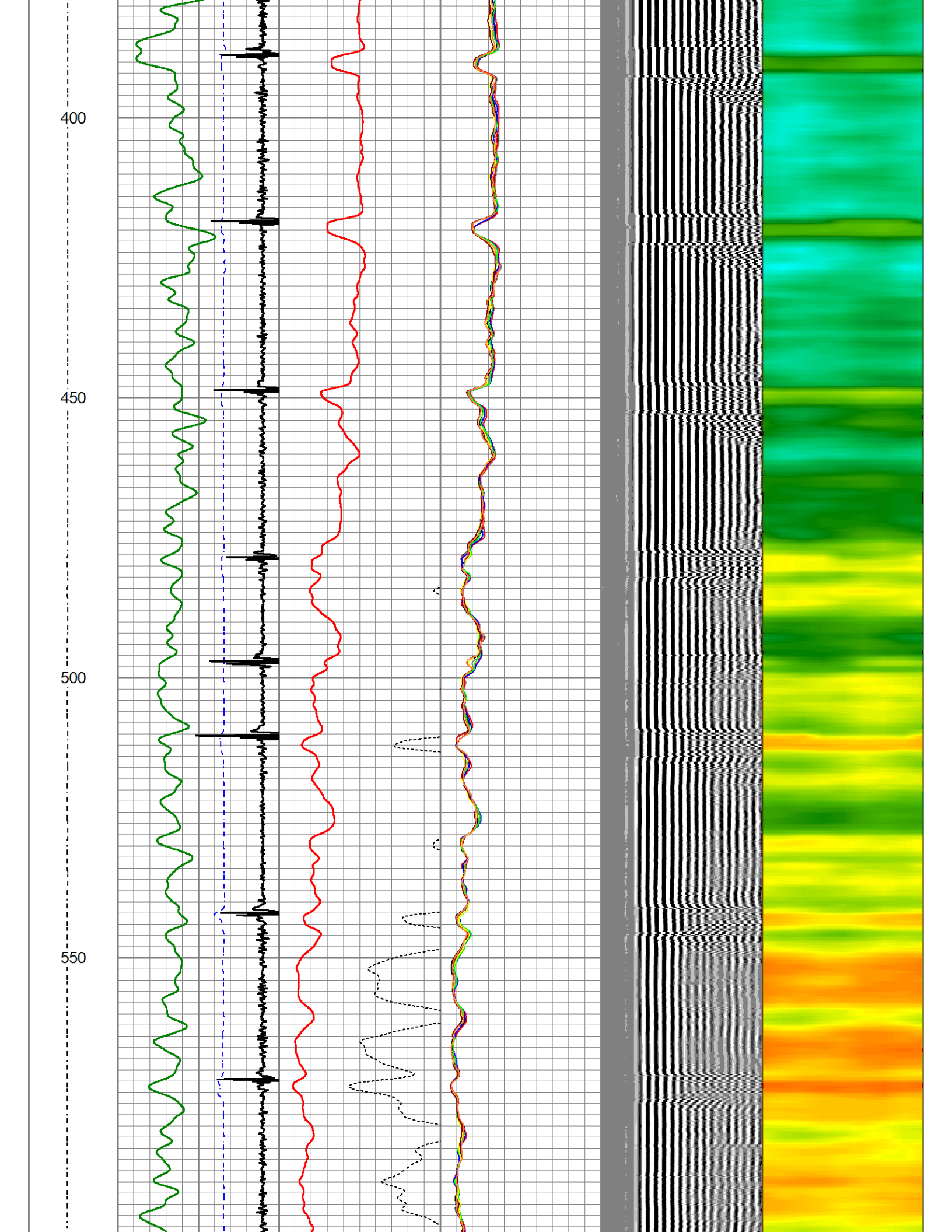
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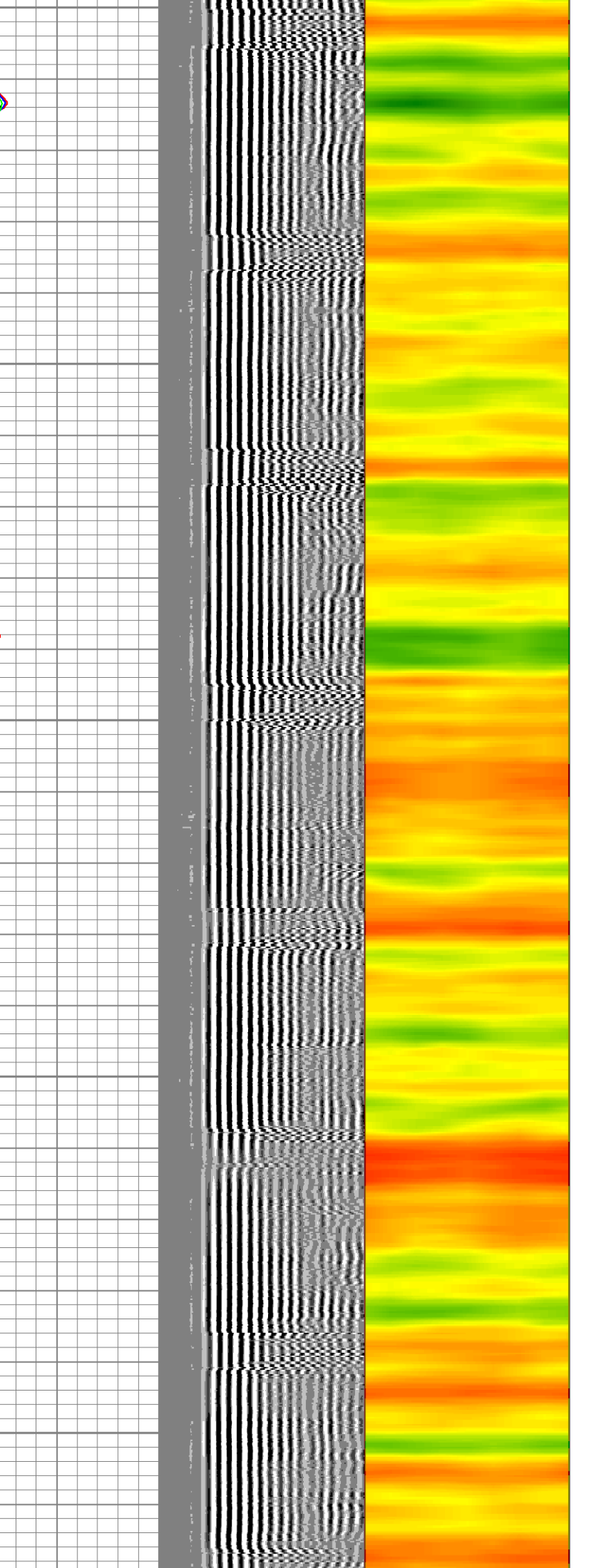
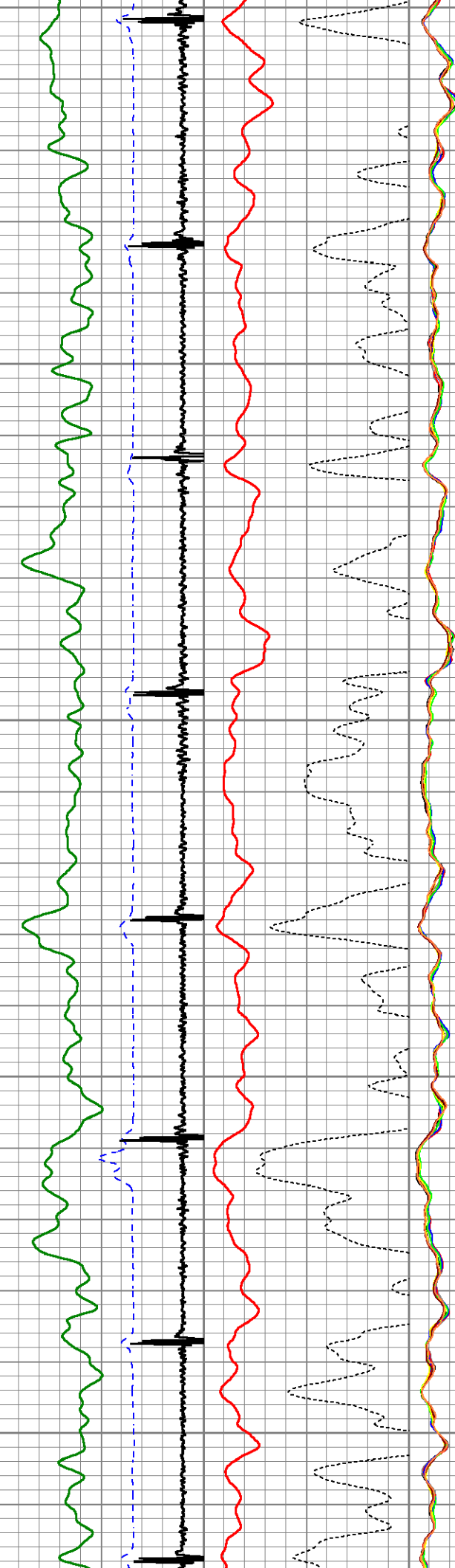
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350





600 650 700 750 800

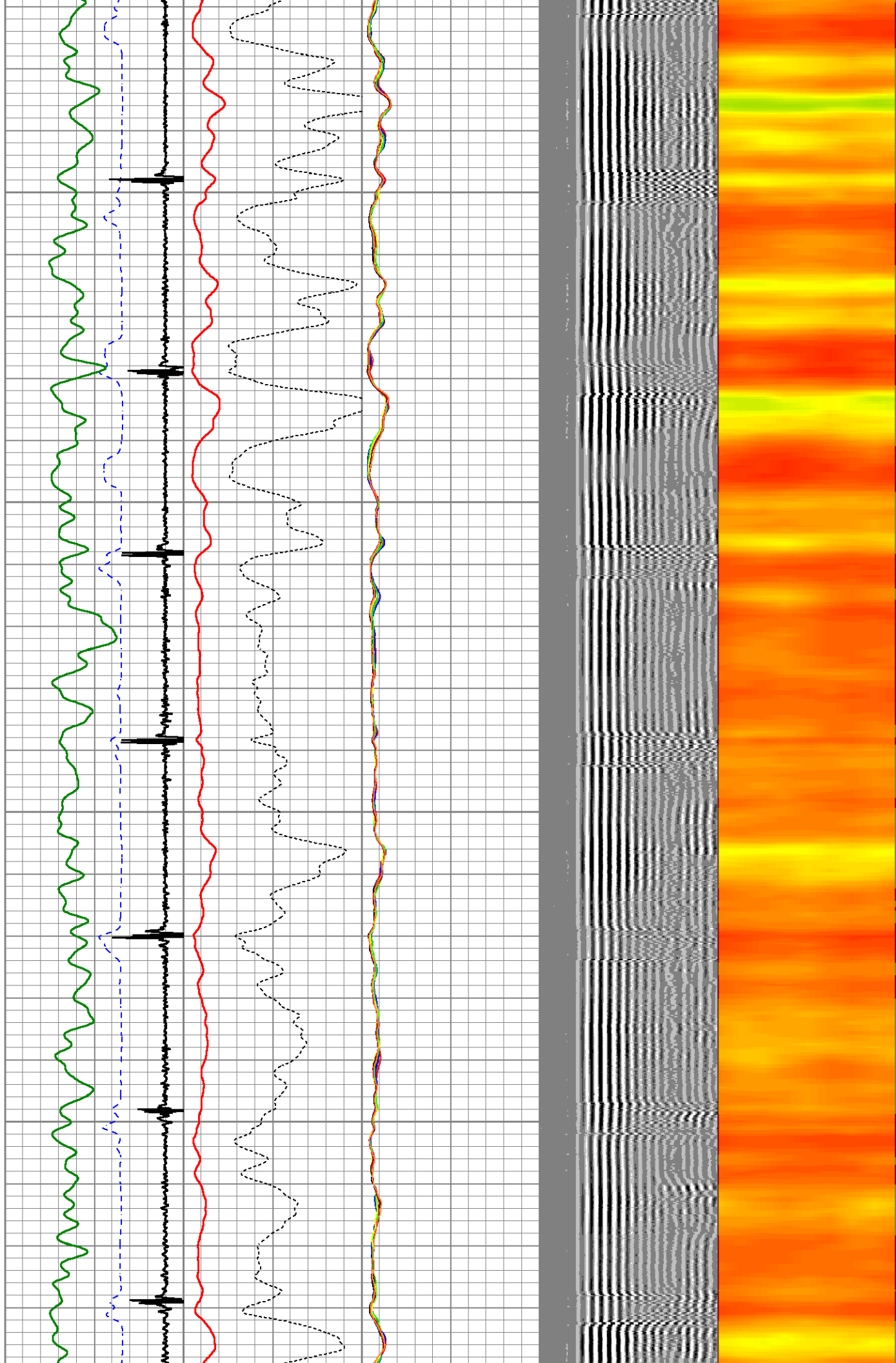


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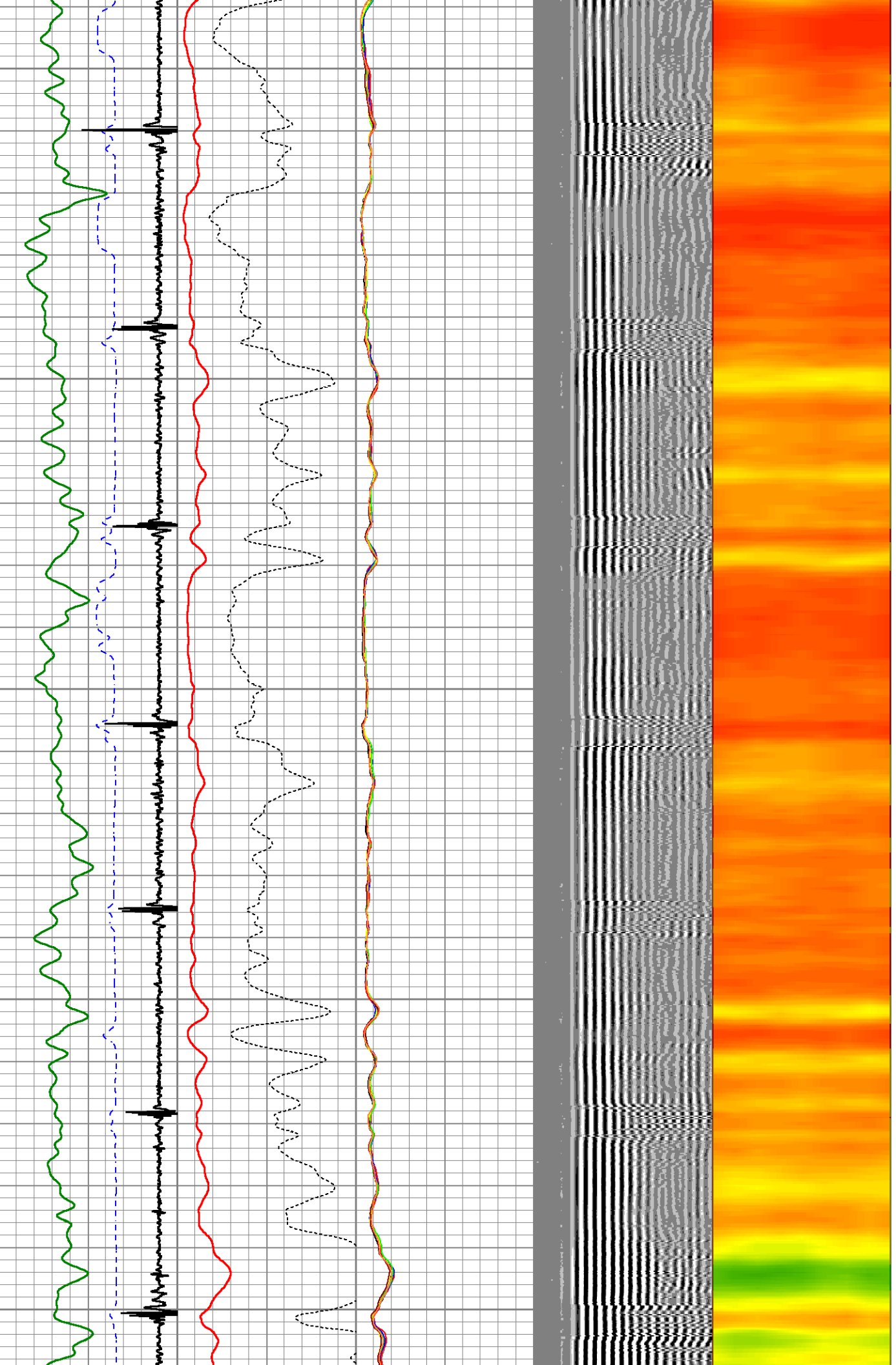
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950

1000



1050  
1100  
1150  
1200  
1250

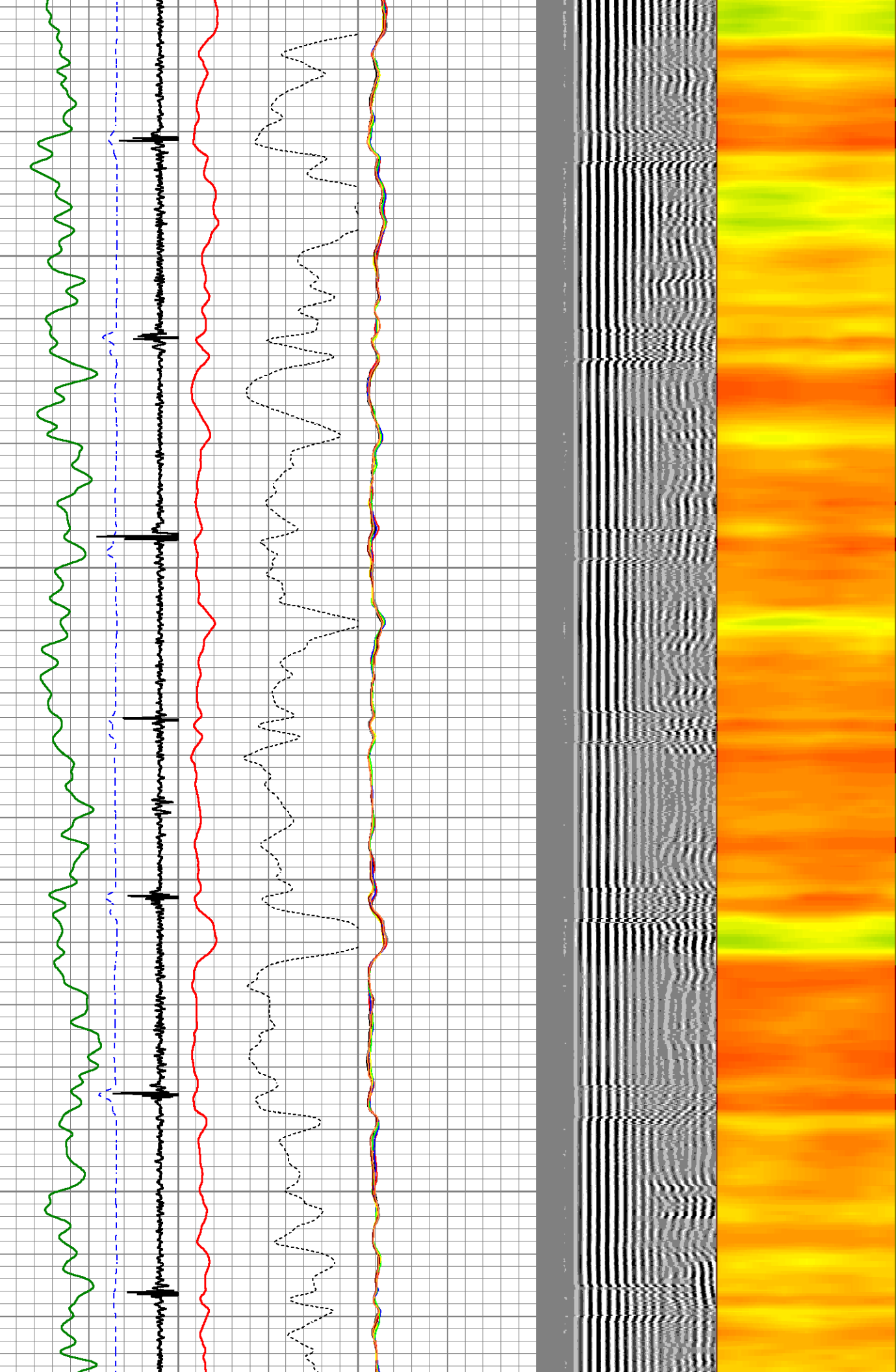


1300

1350

1400

1450

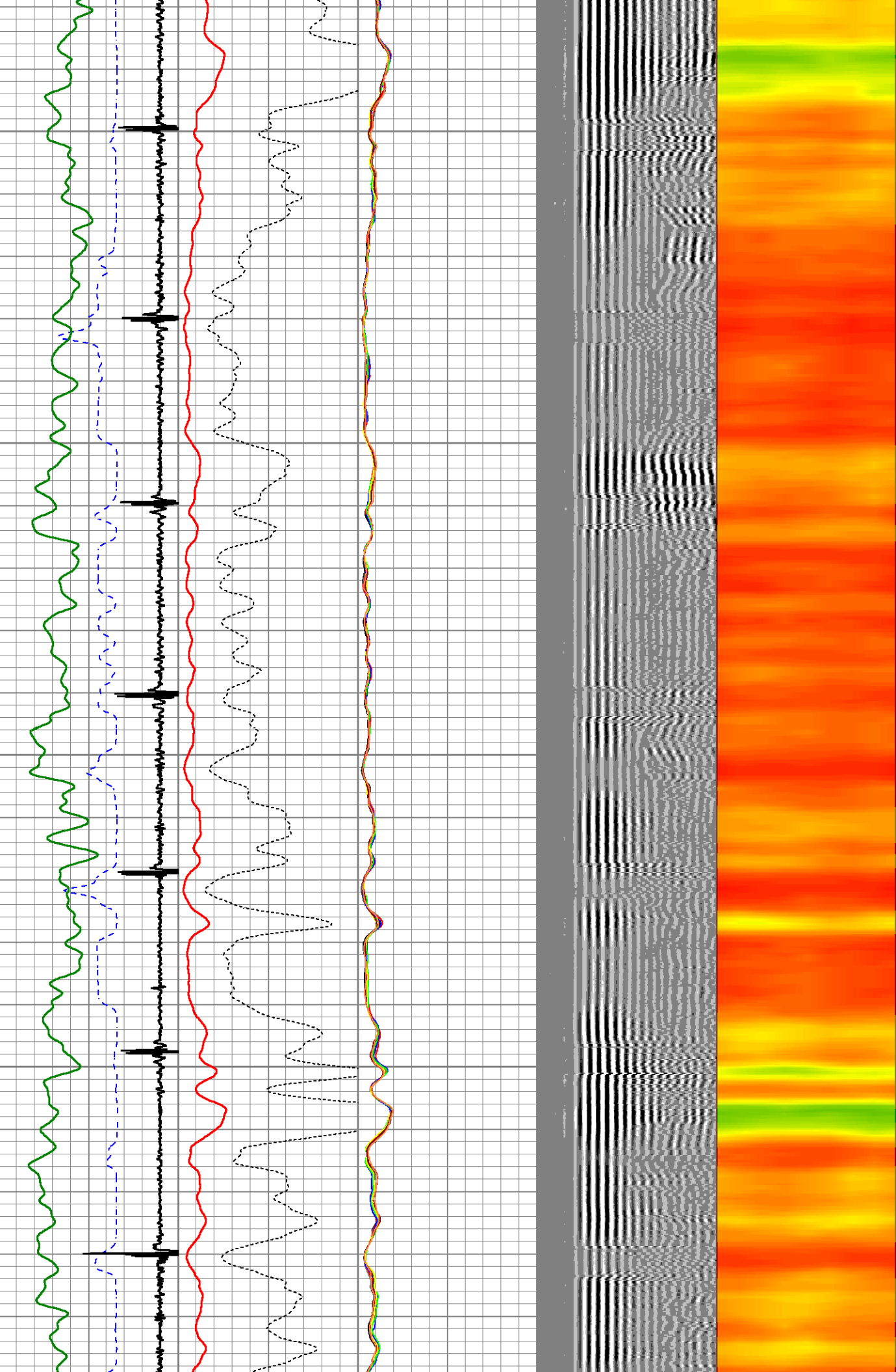


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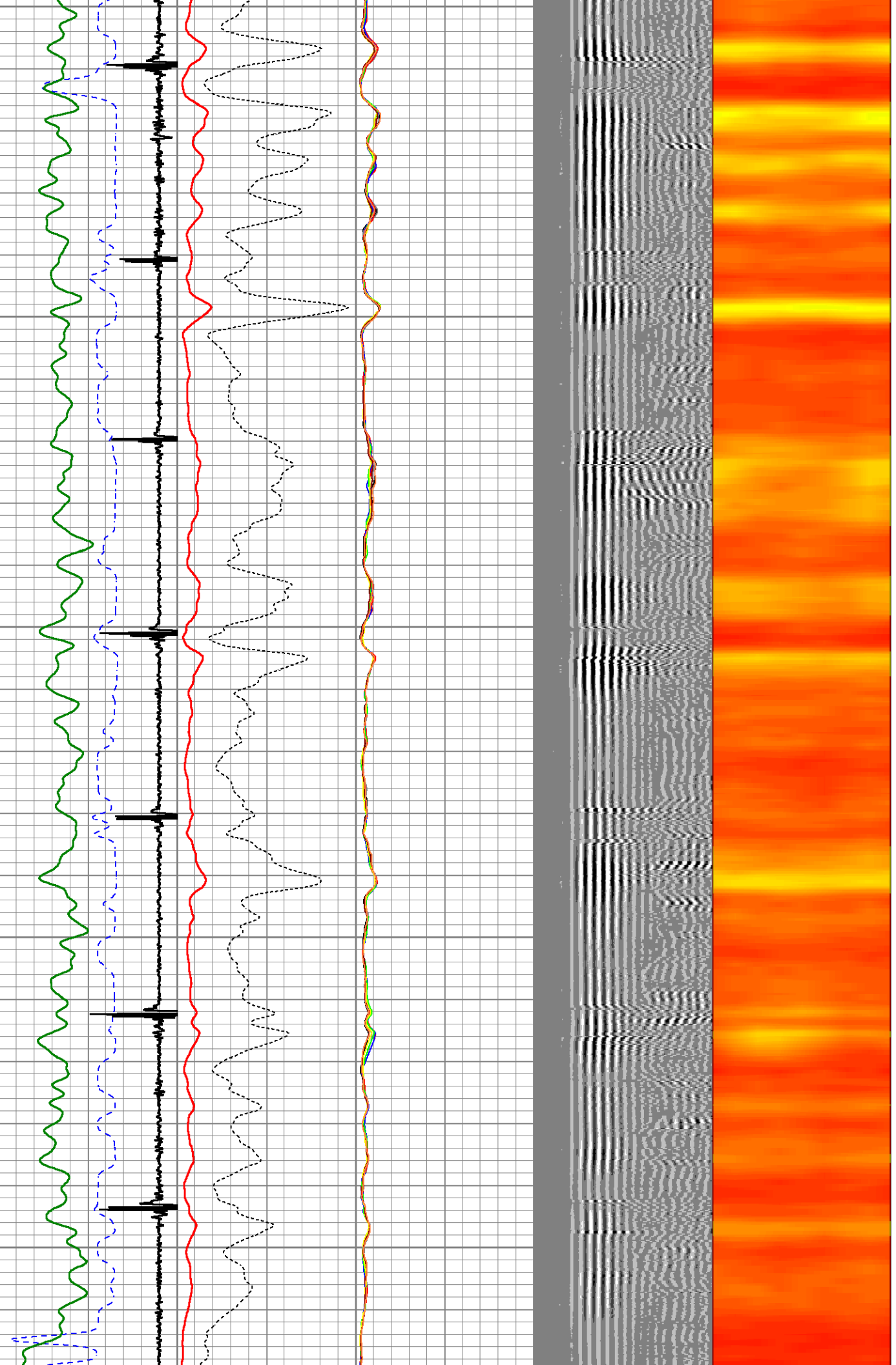
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1600

1650



1700  
1750  
1800  
1850  
1900

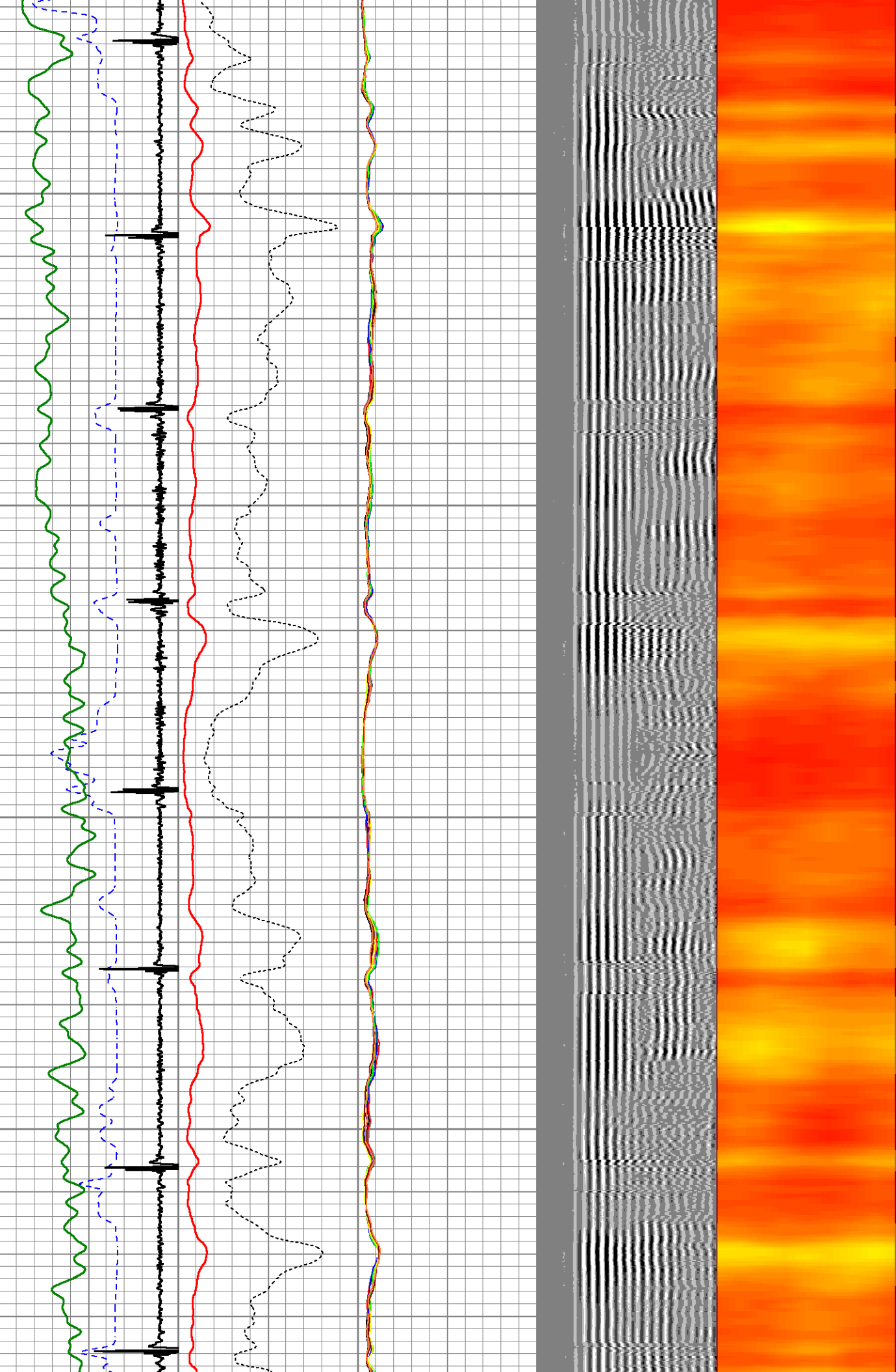


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2000

2050

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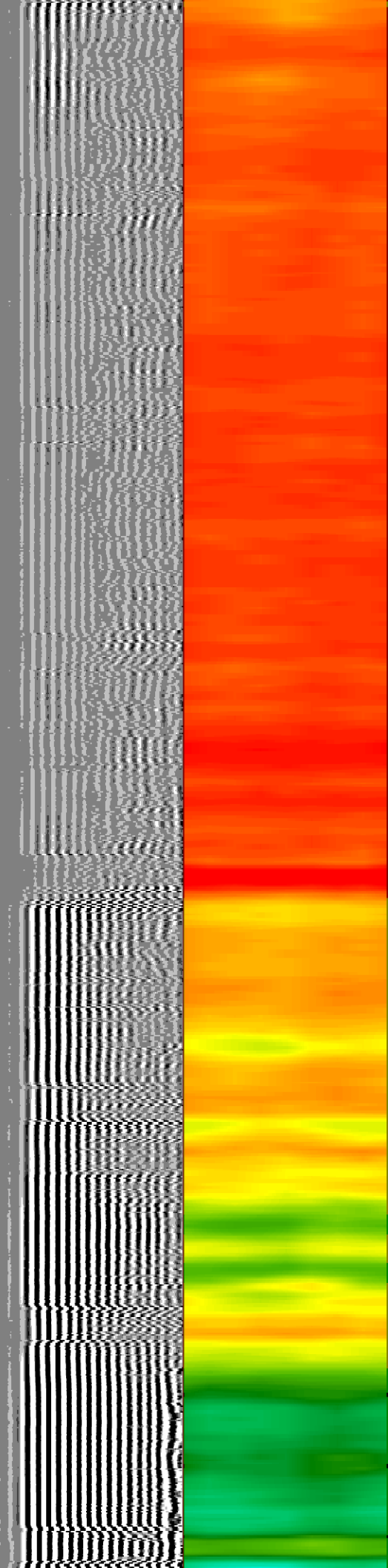
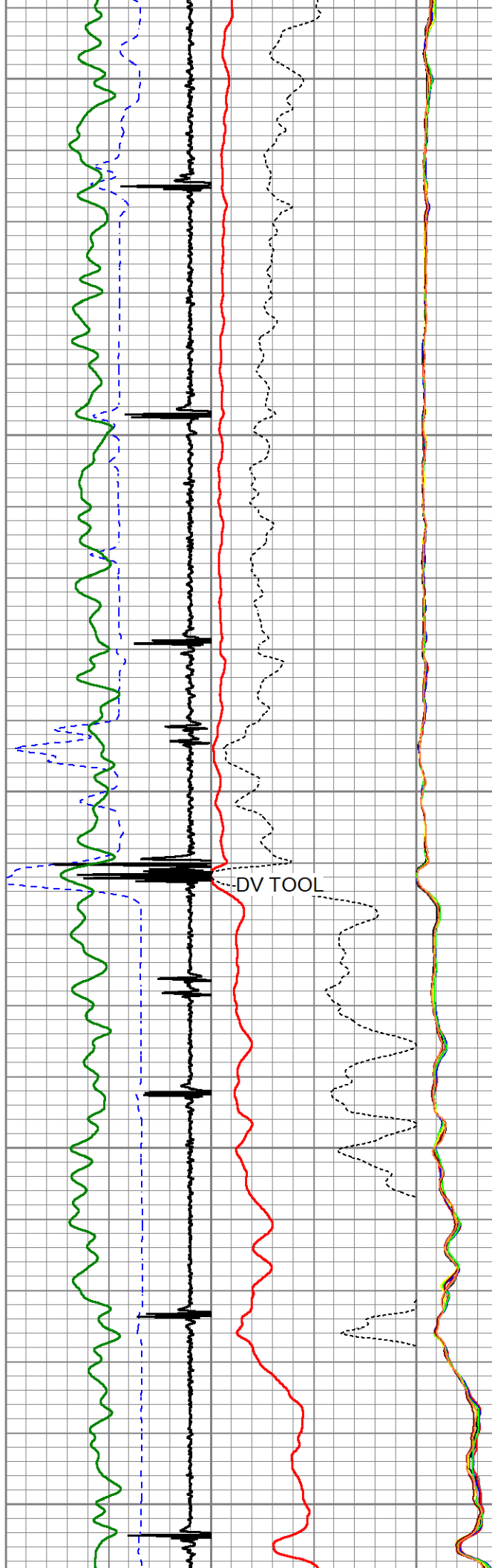
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2250

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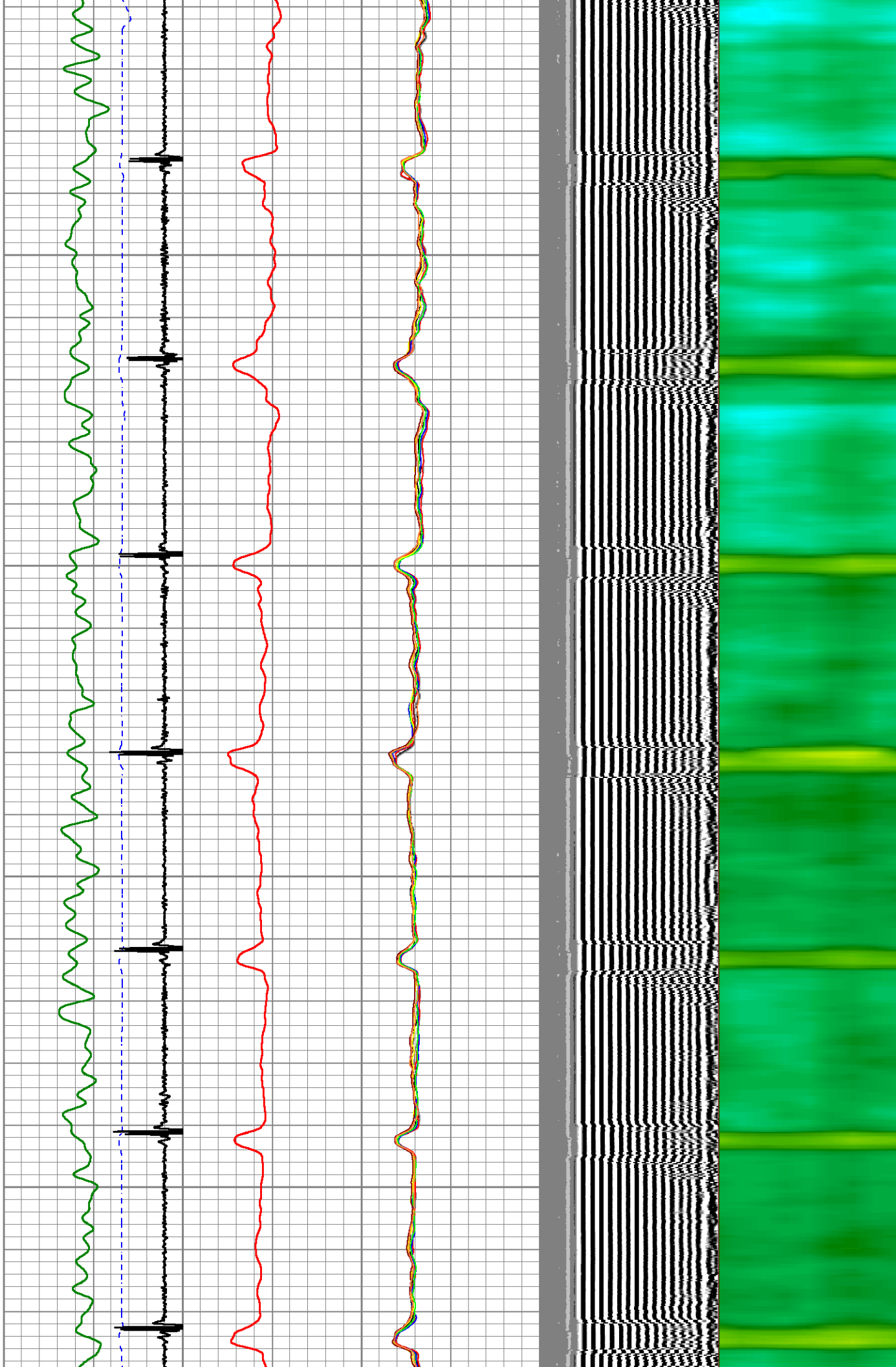


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2450

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2550

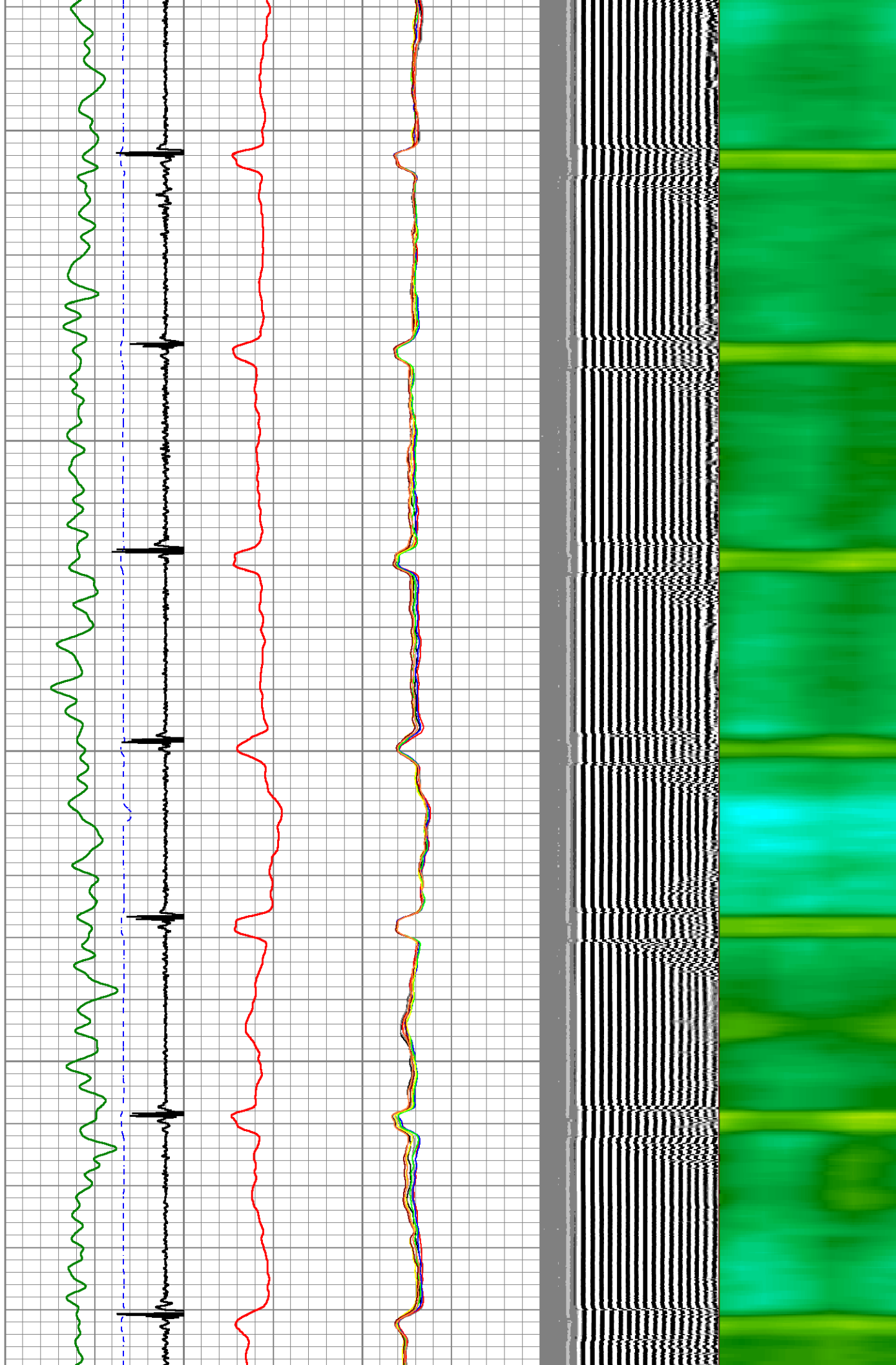


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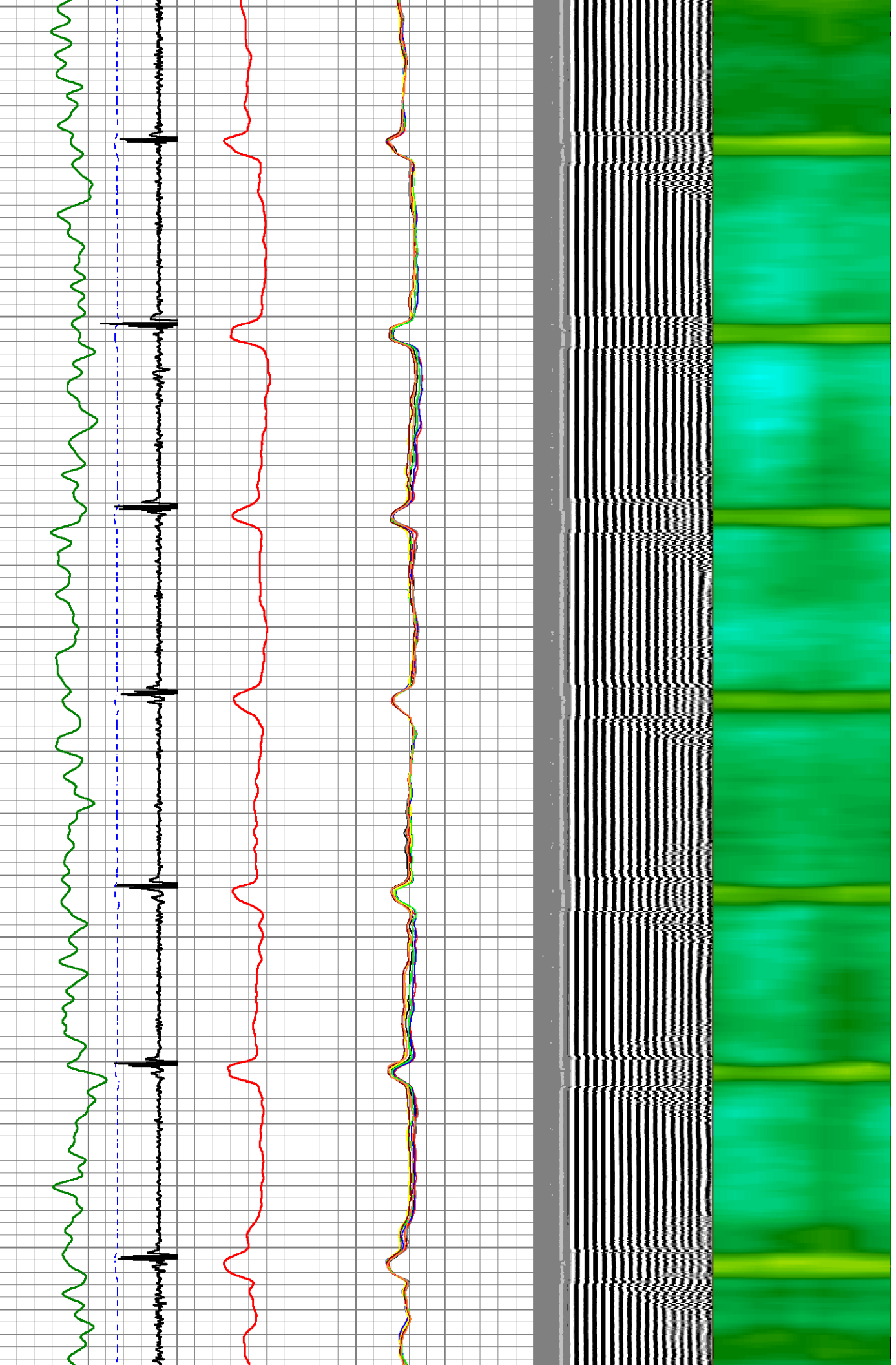
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2700

2750



2800  
2850  
2900  
2950  
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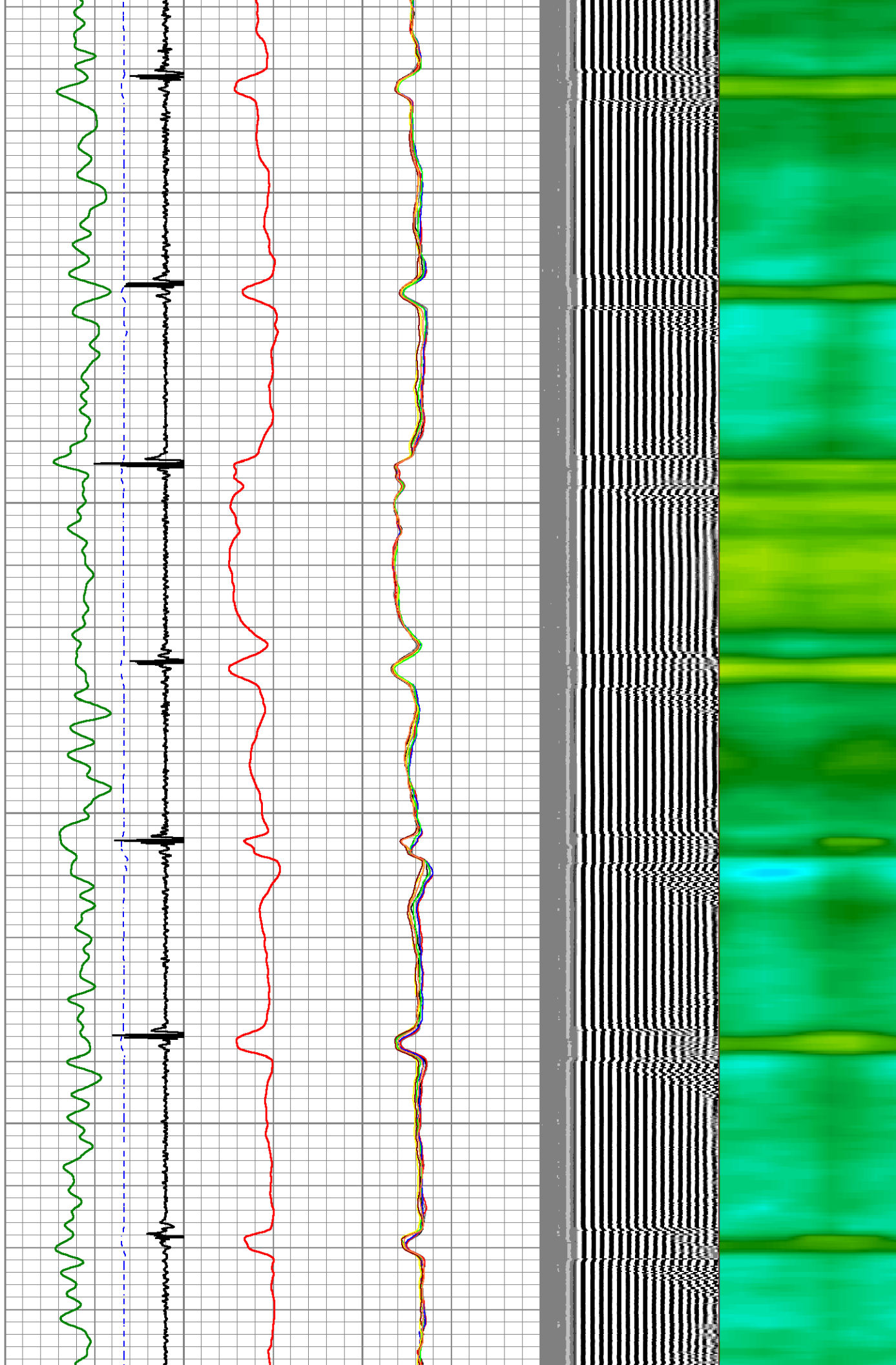


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3150

3200



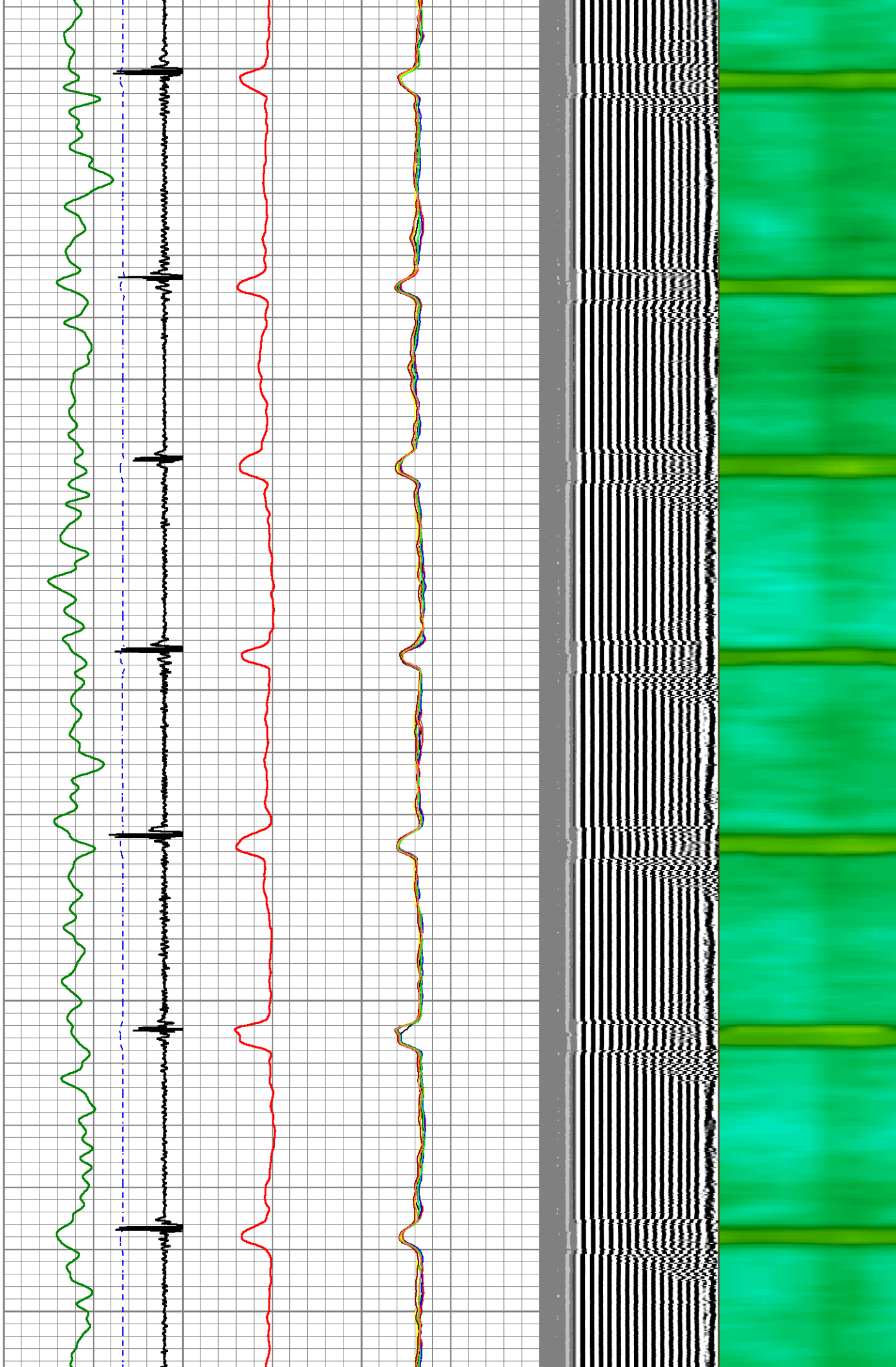
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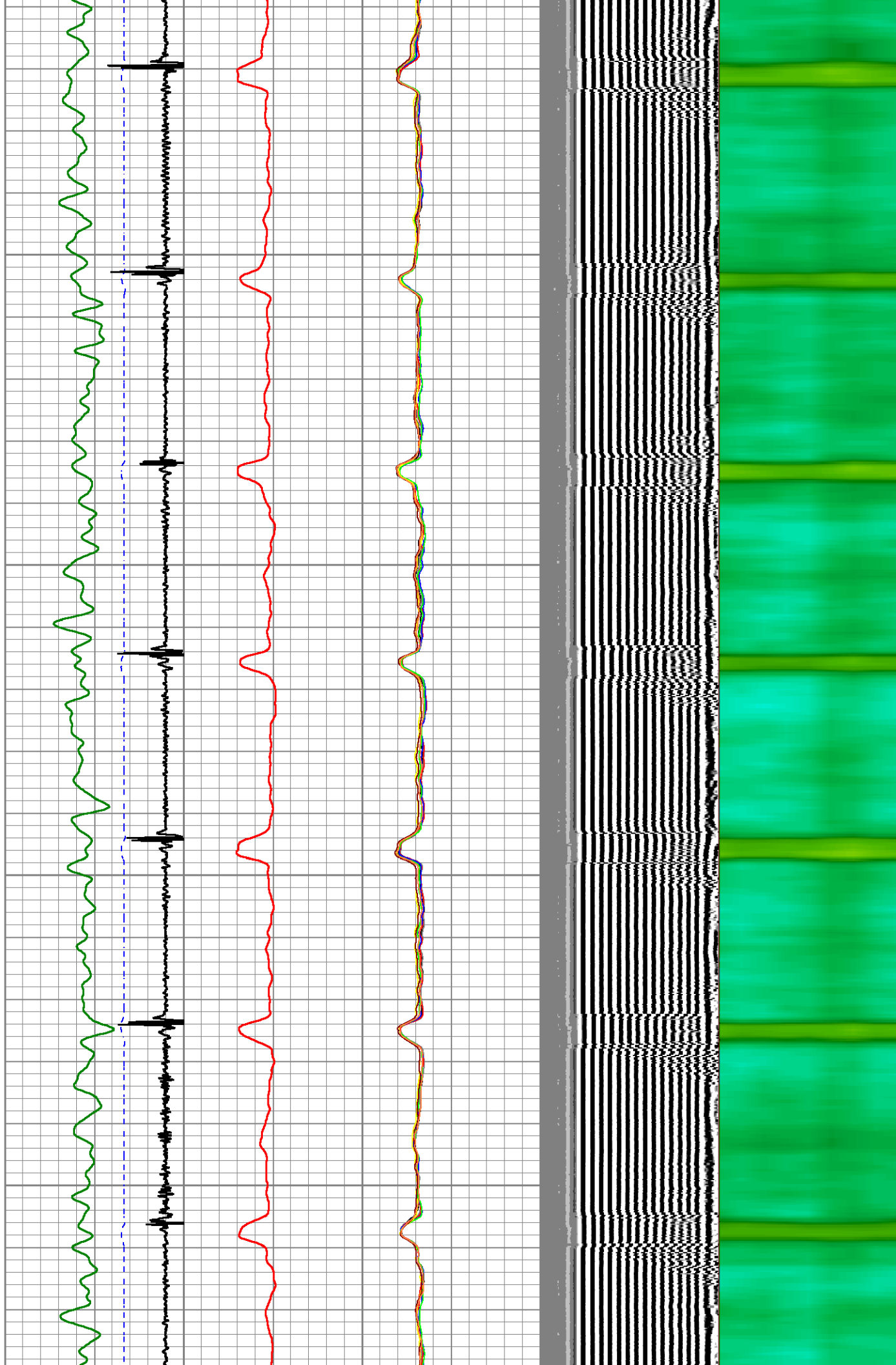


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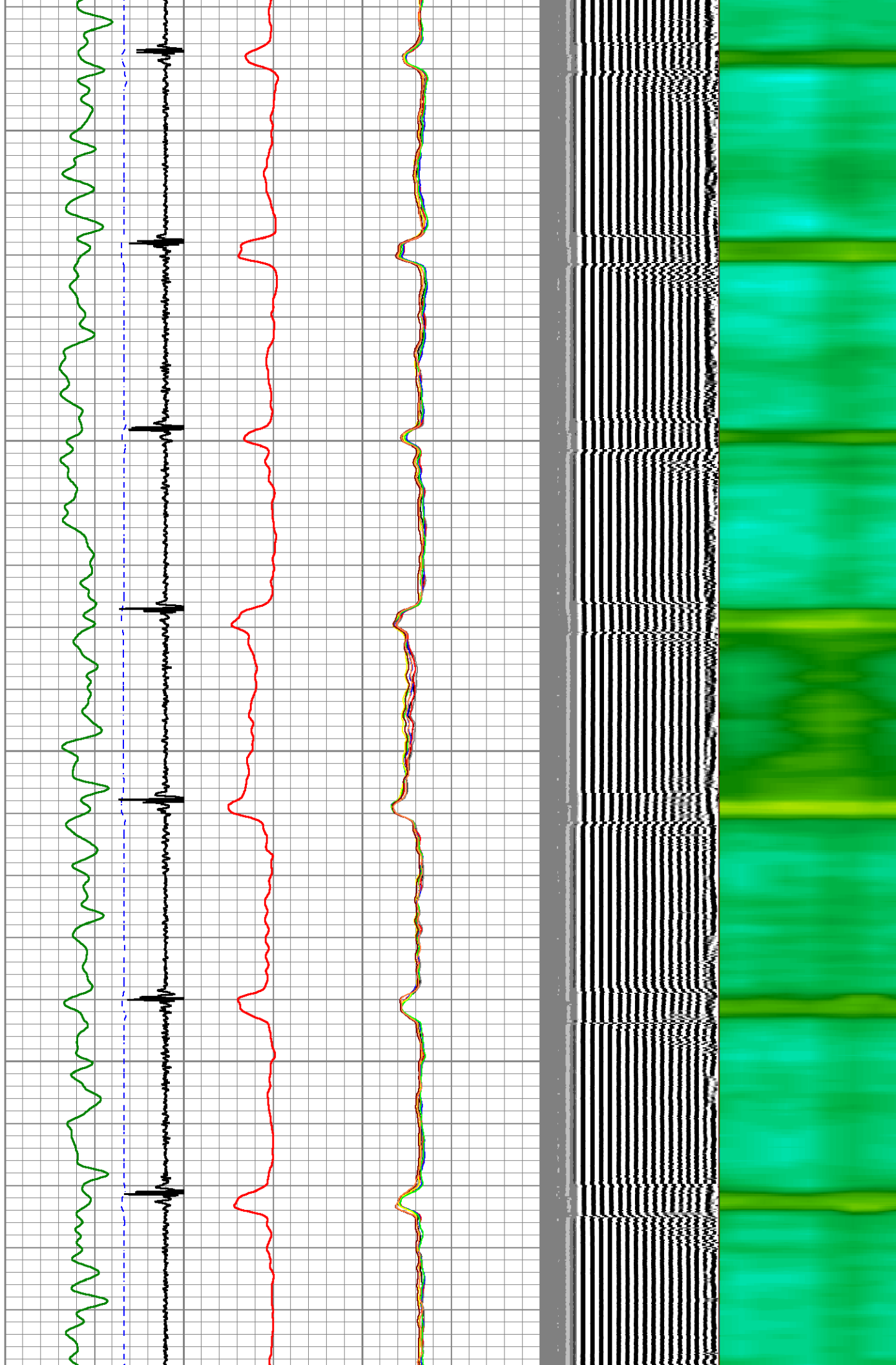


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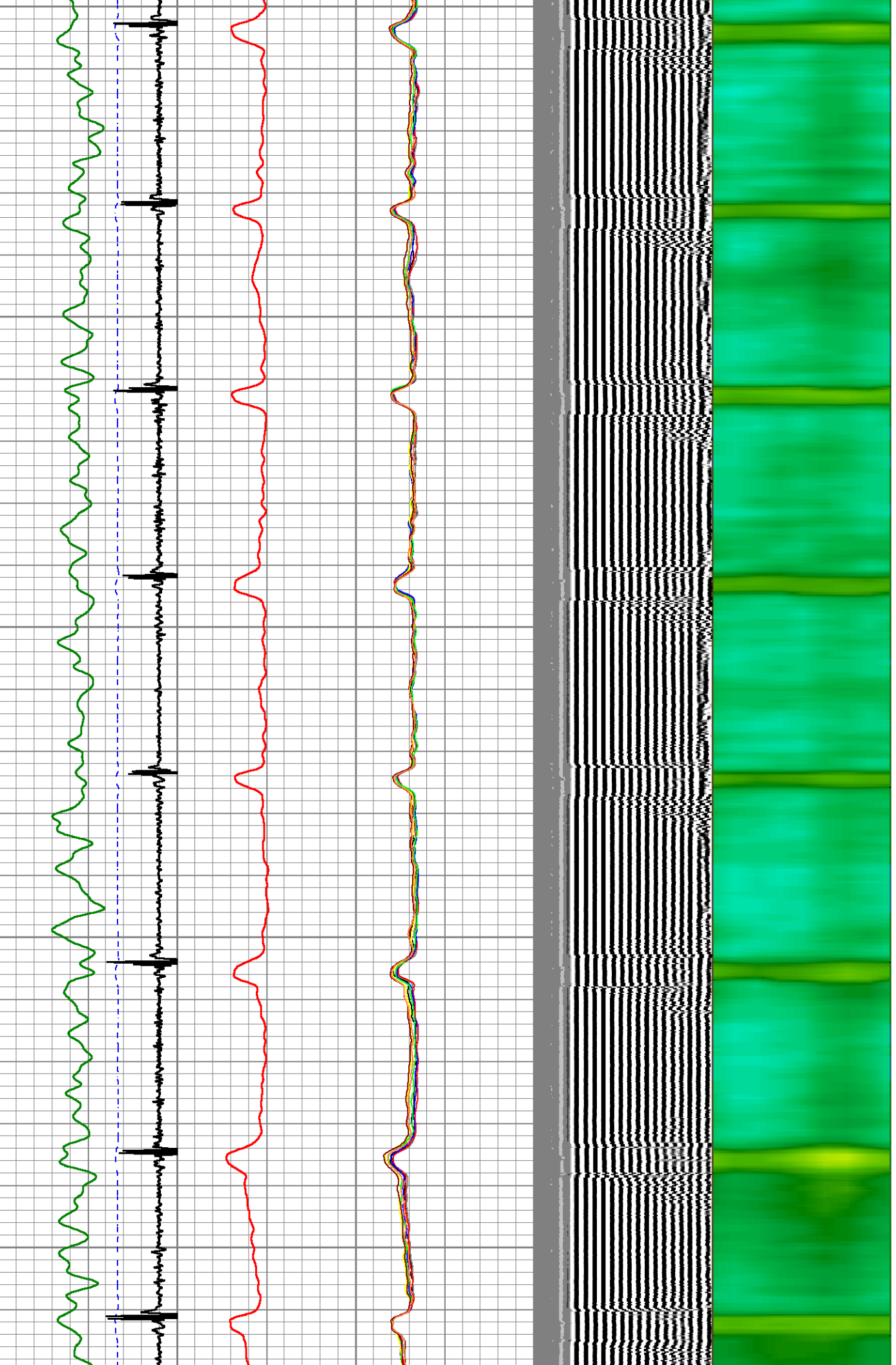
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3900  
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4000  
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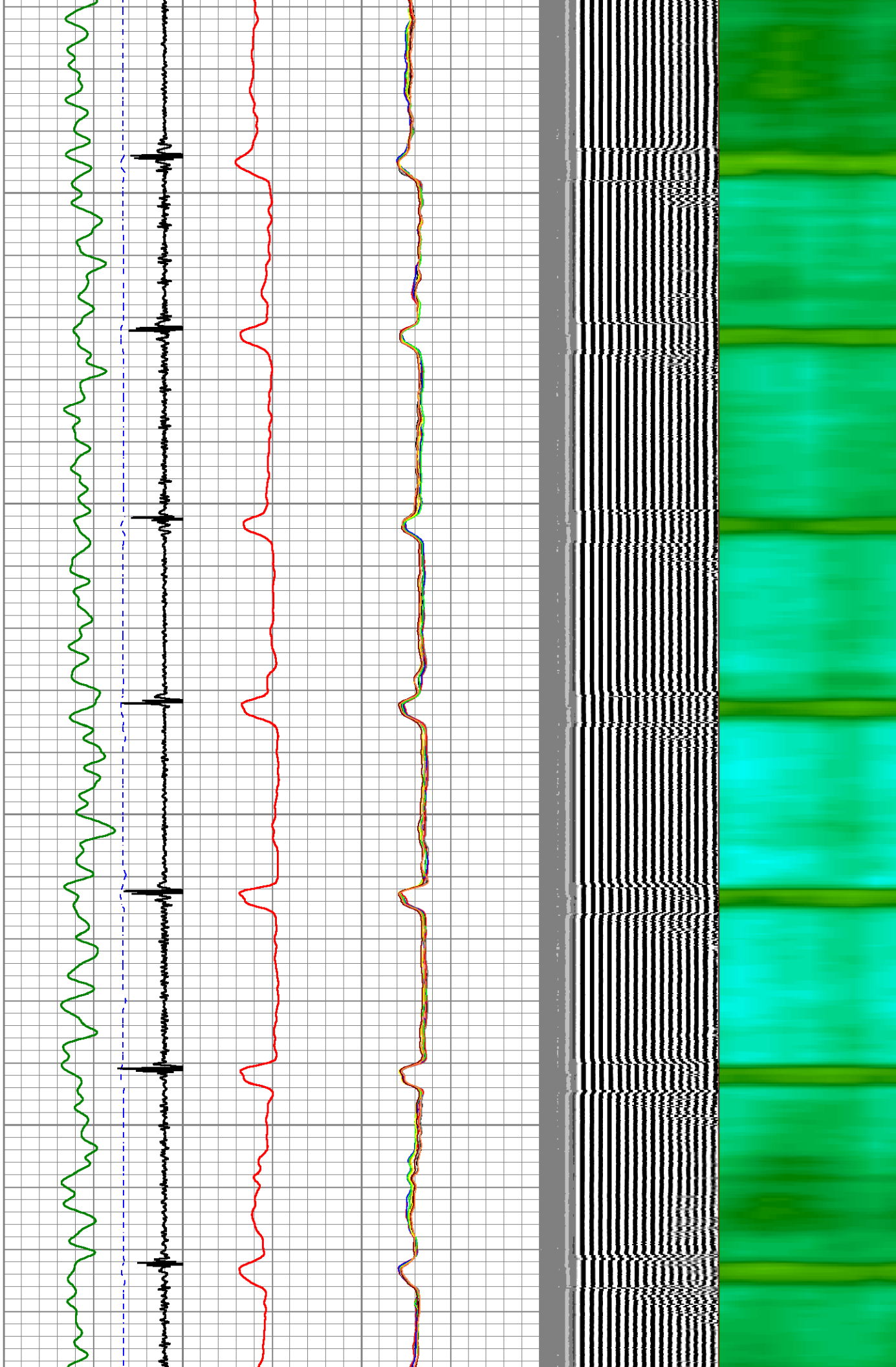


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4200

4250

4300



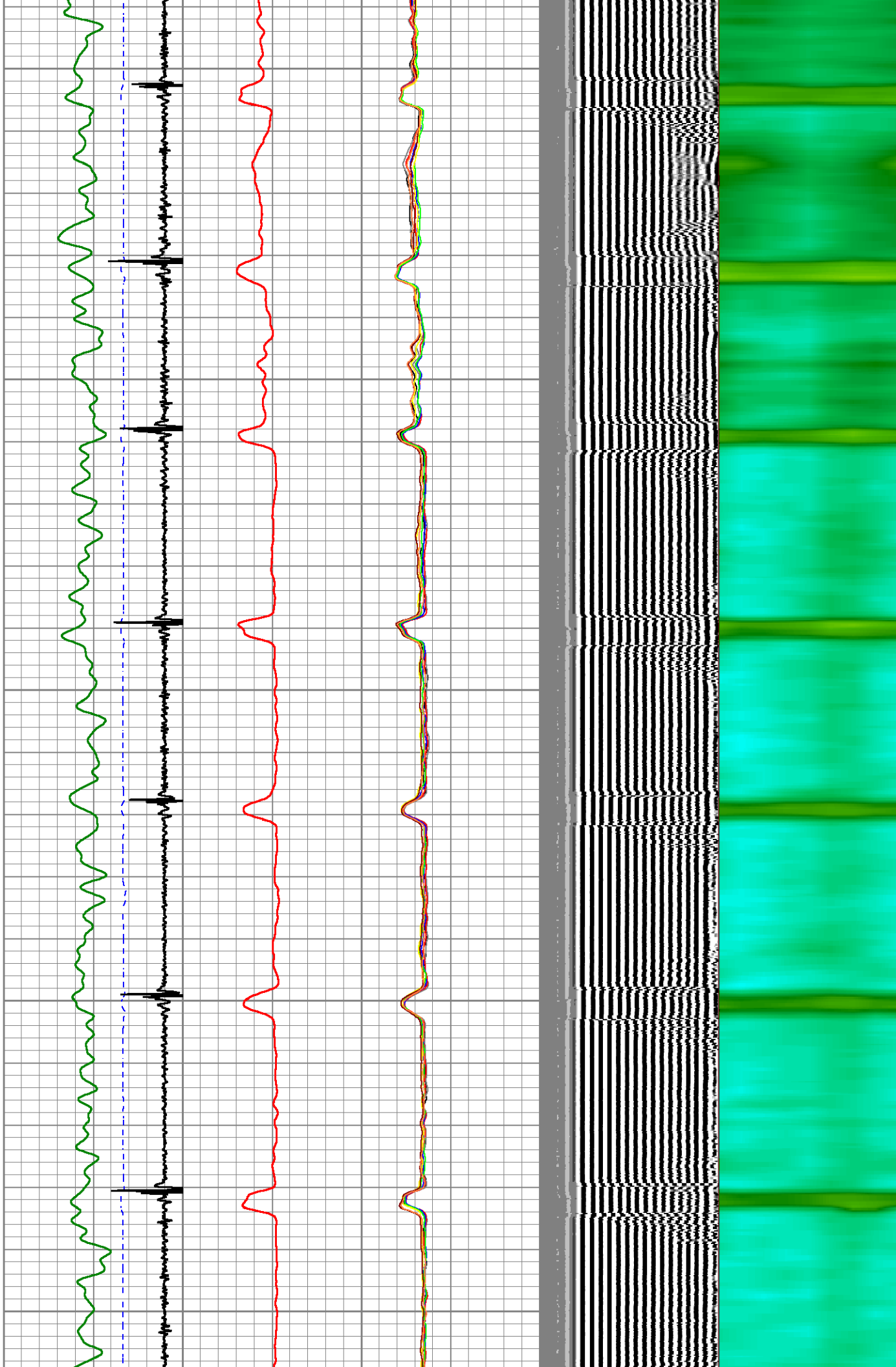
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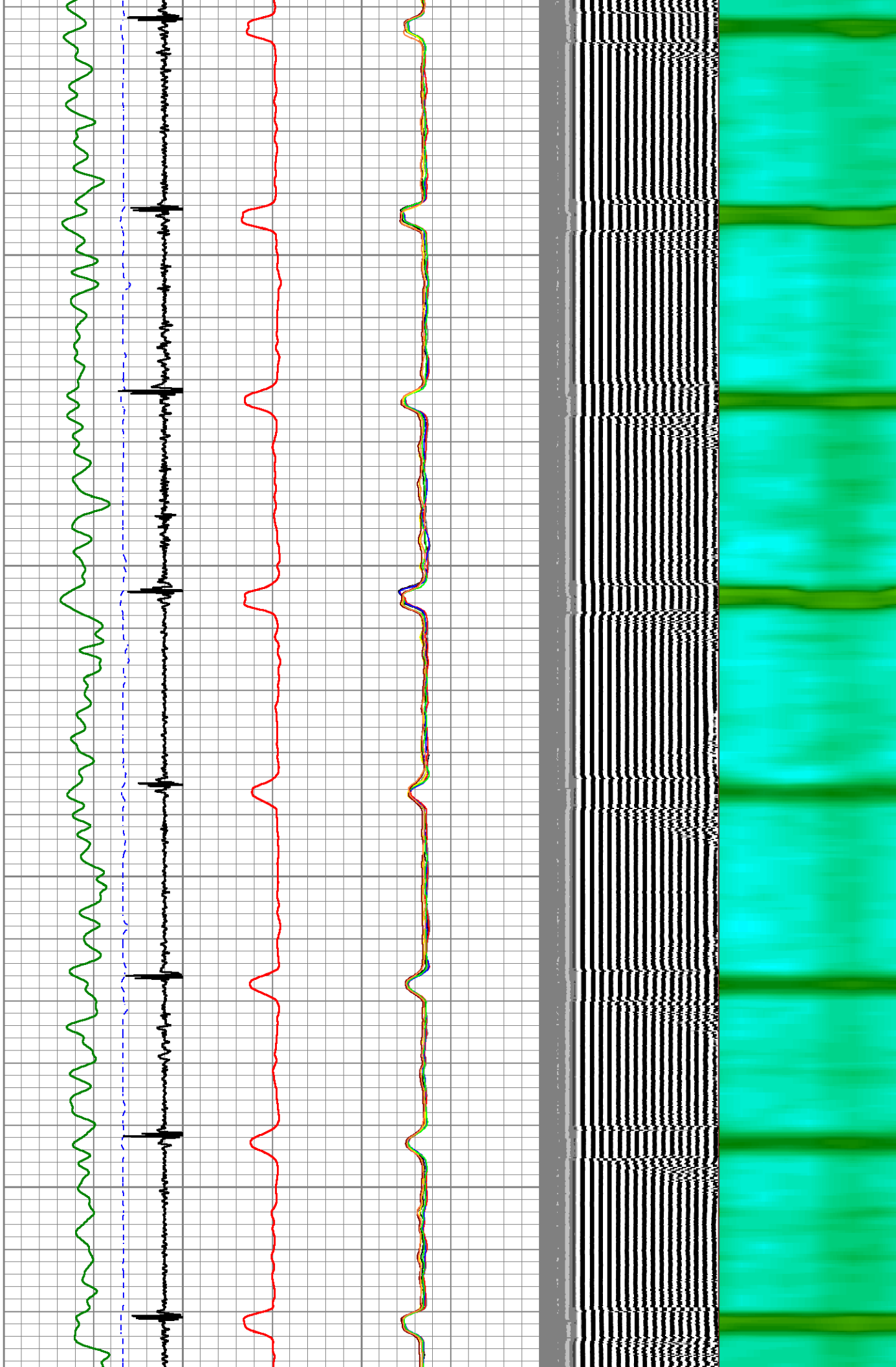


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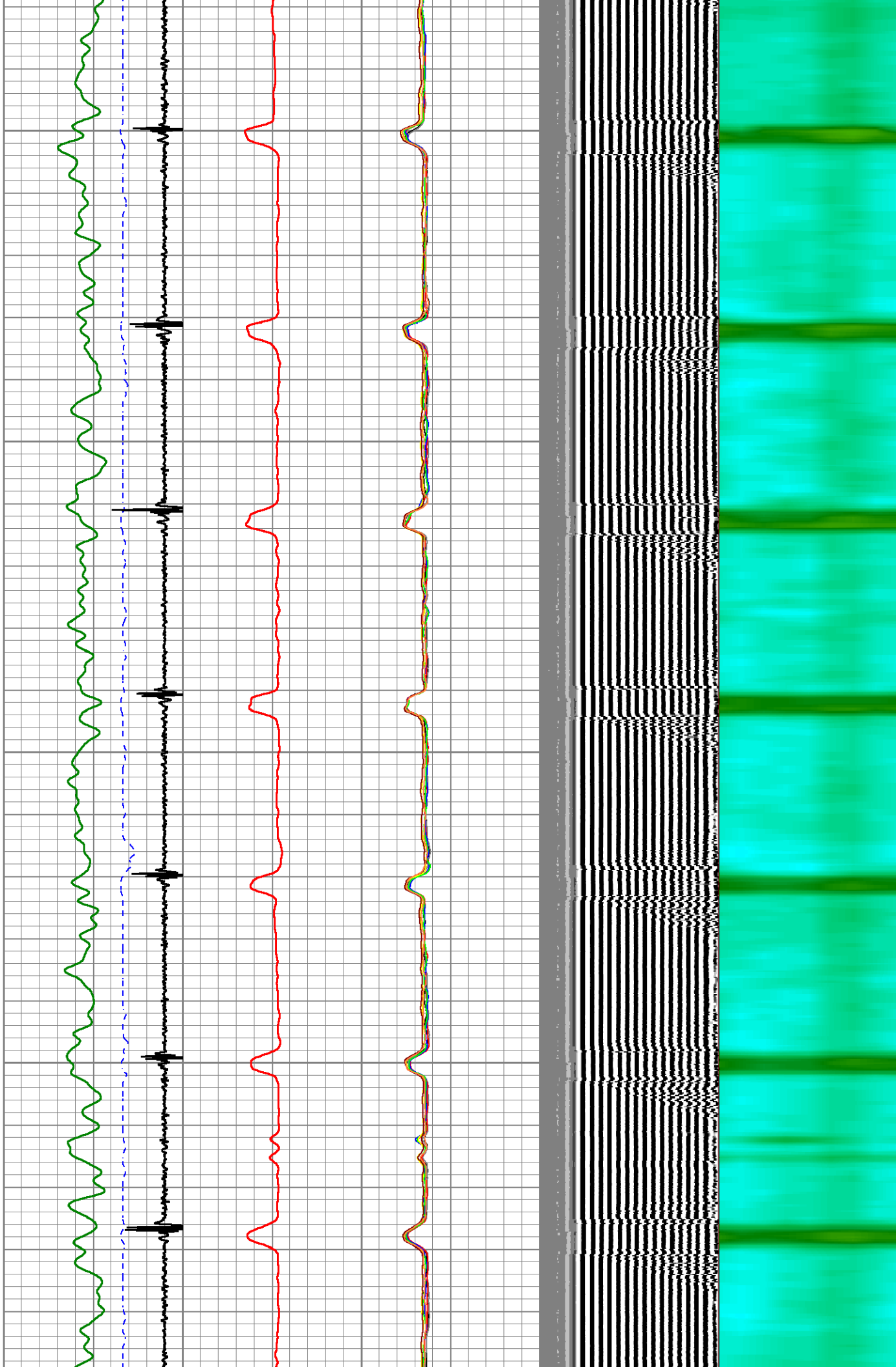


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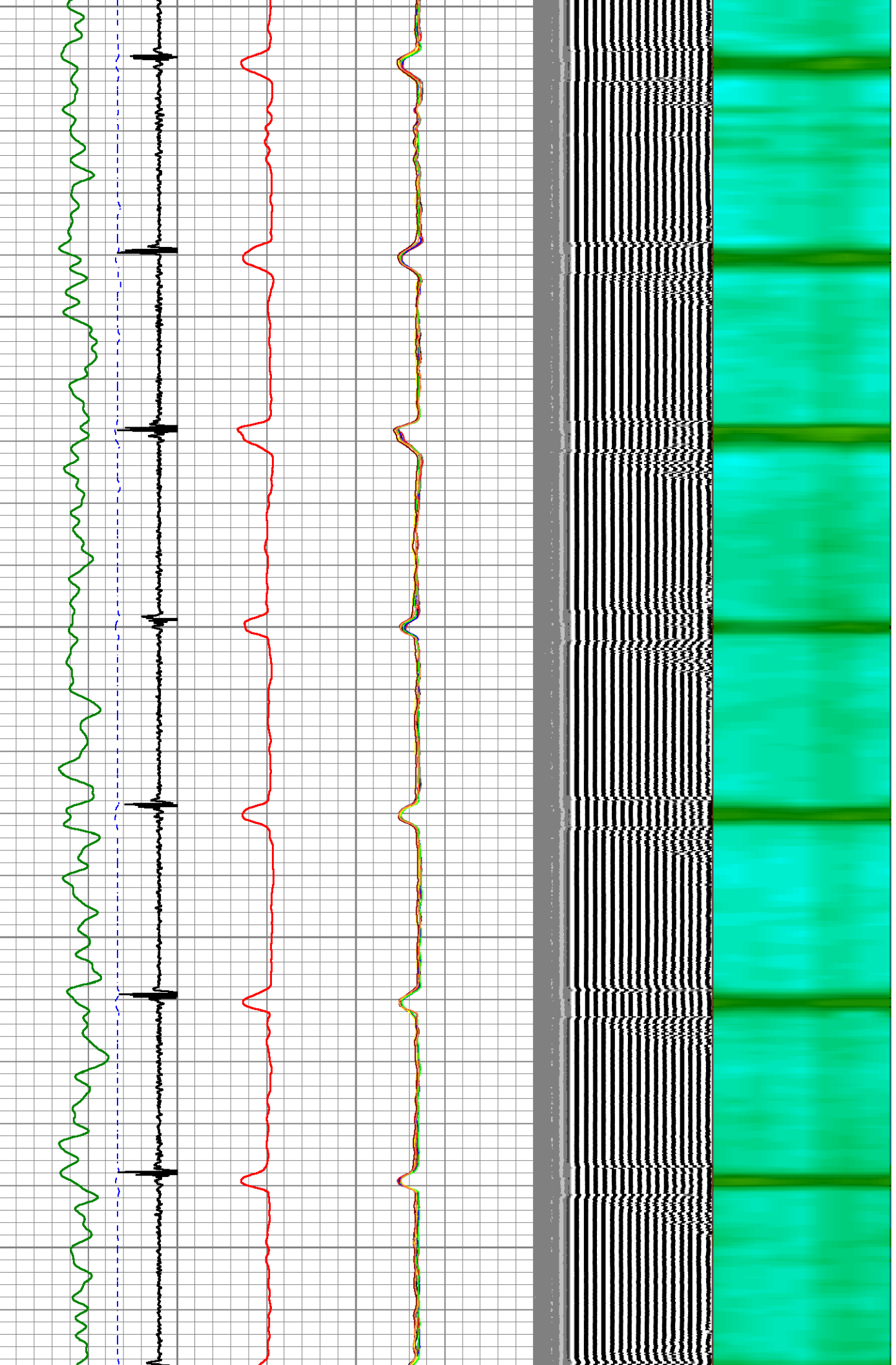
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5000  
5050  
5100  
5150  
5200

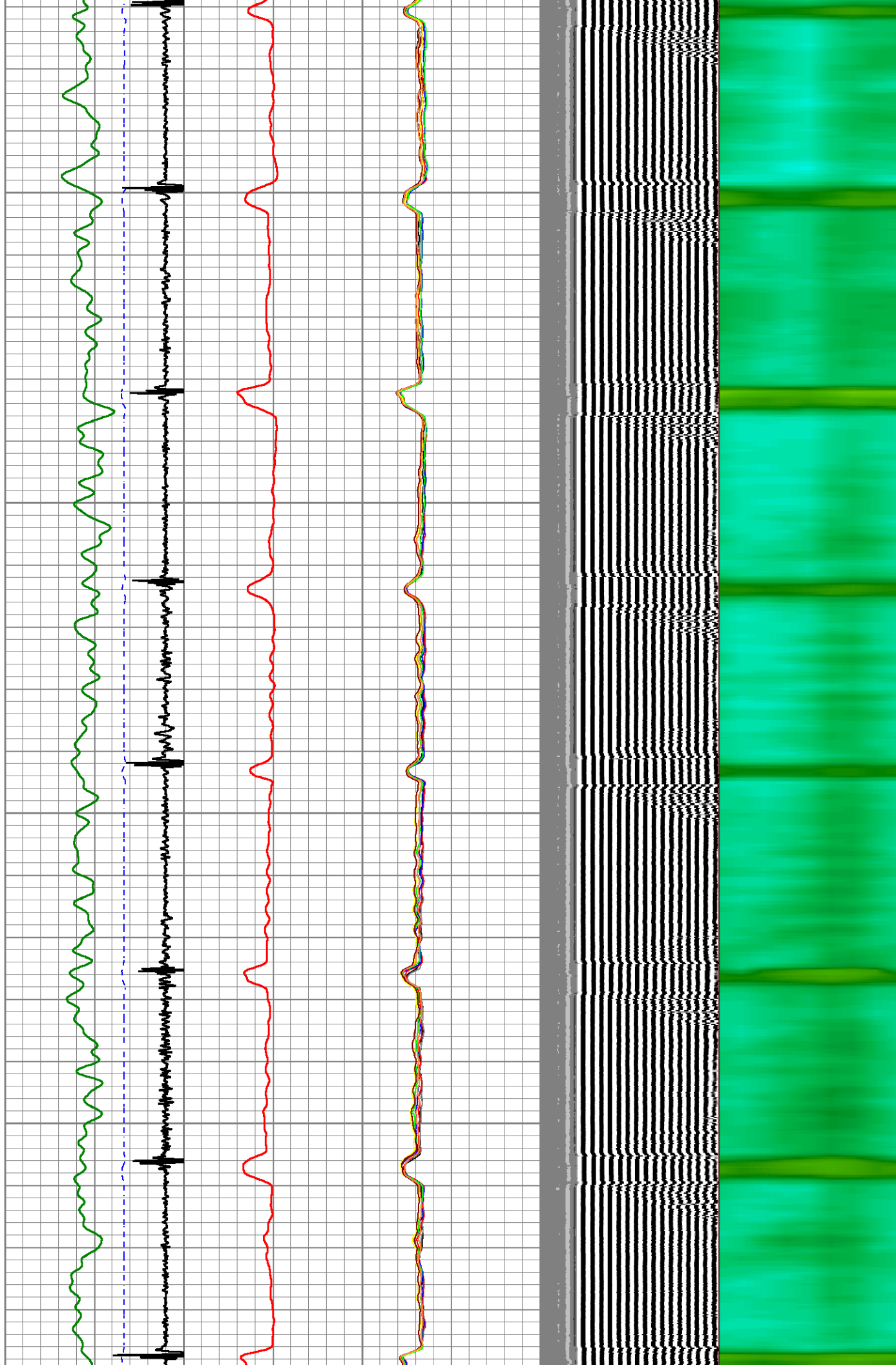


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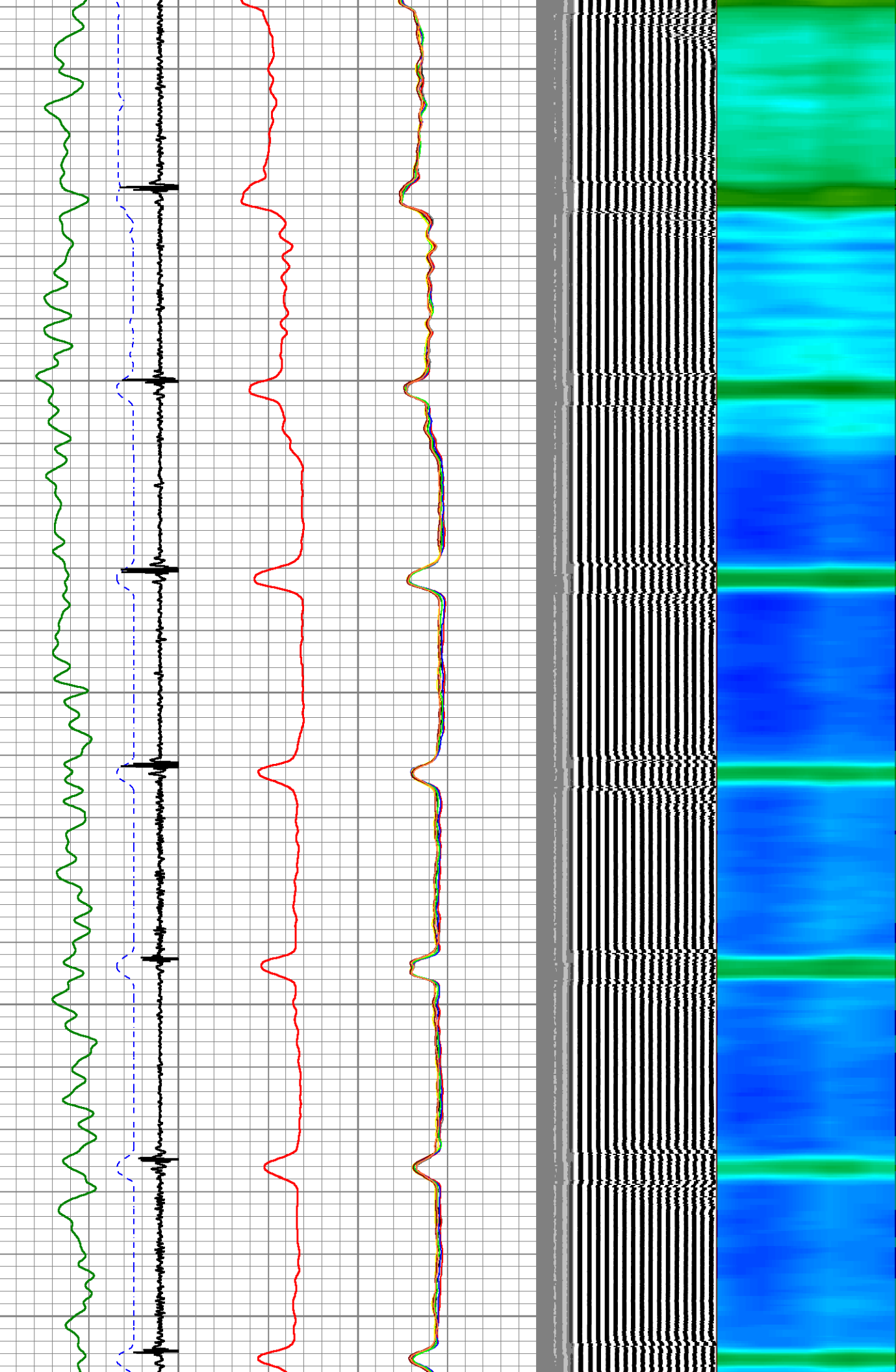
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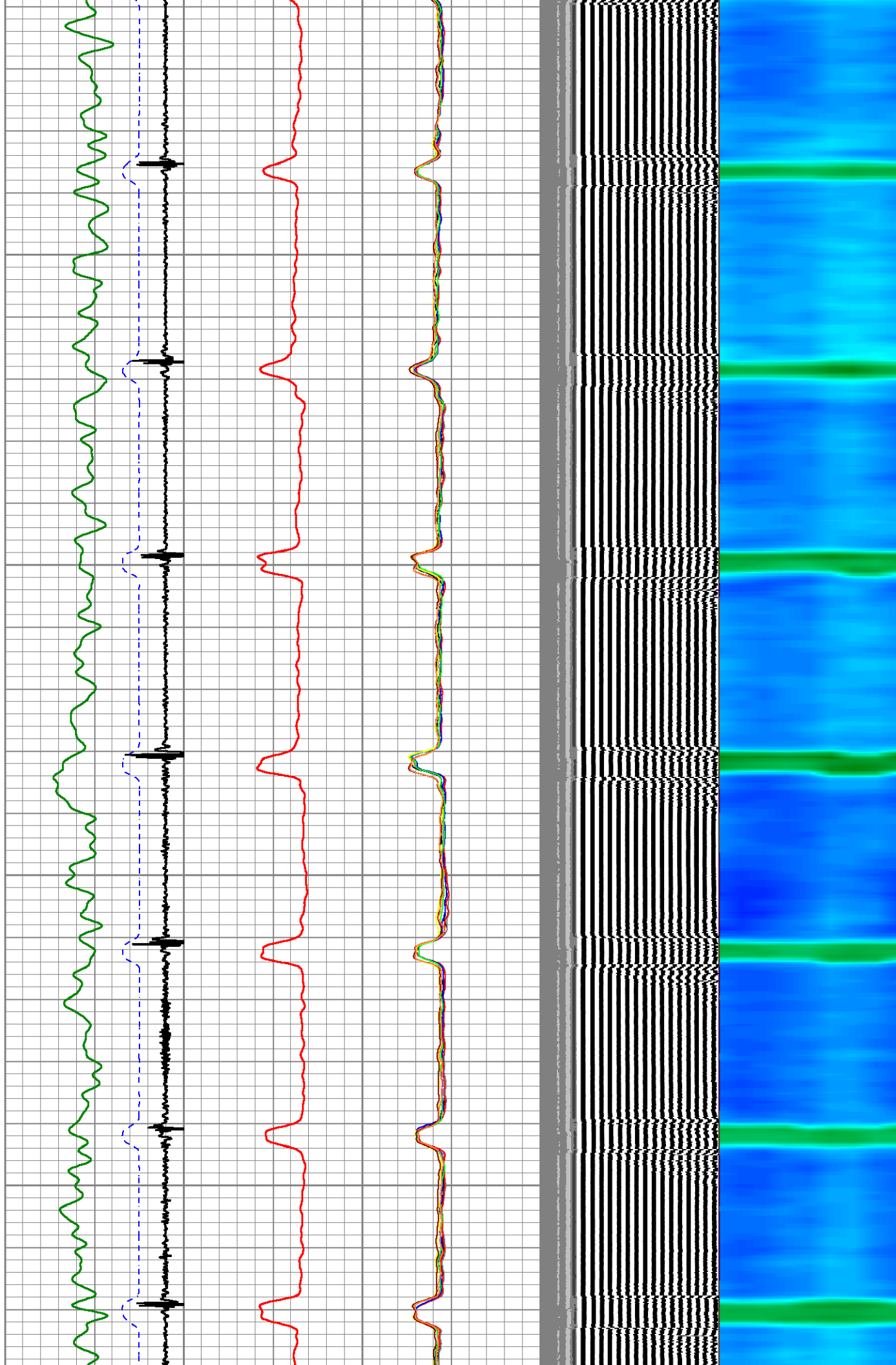


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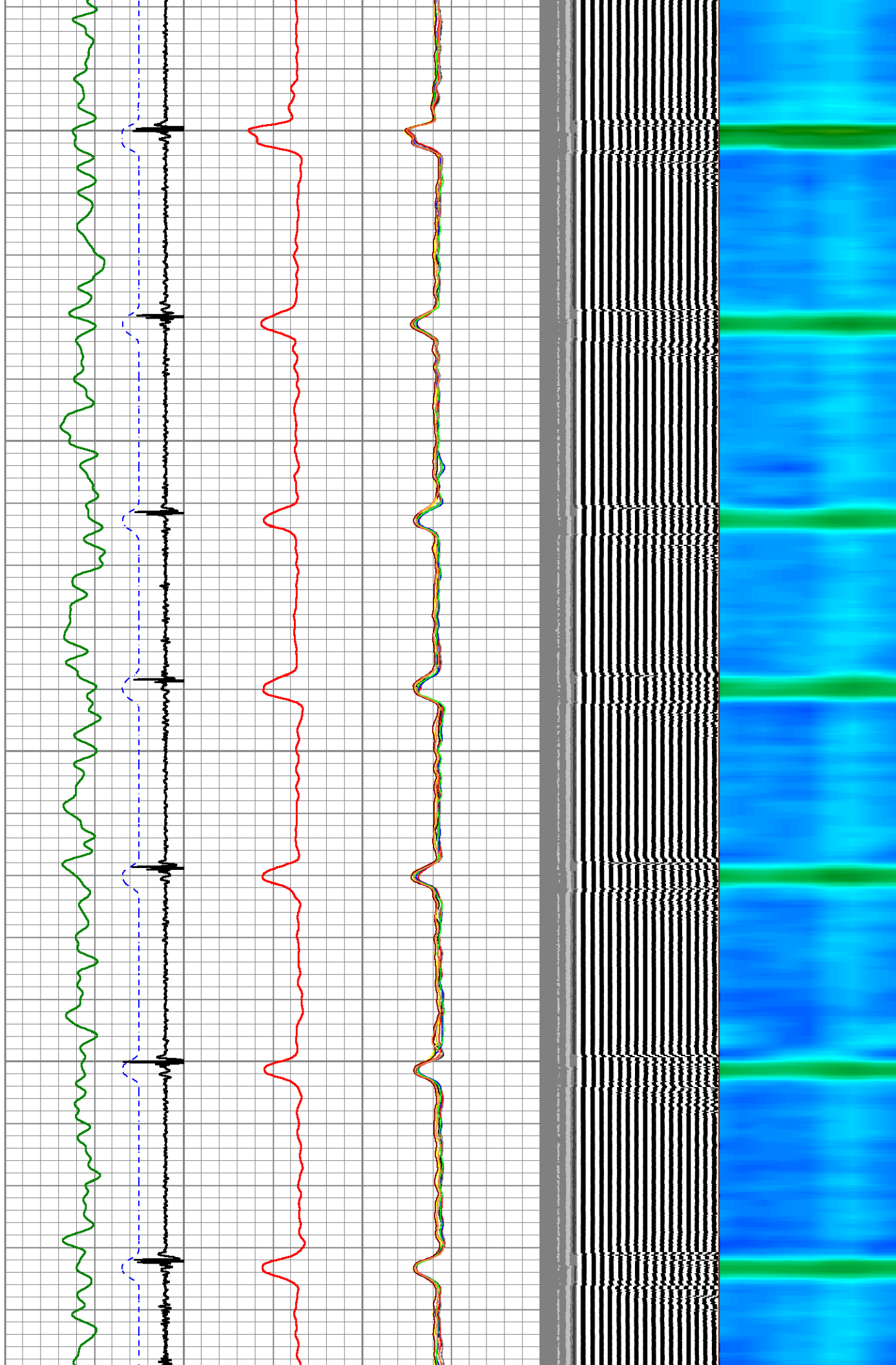


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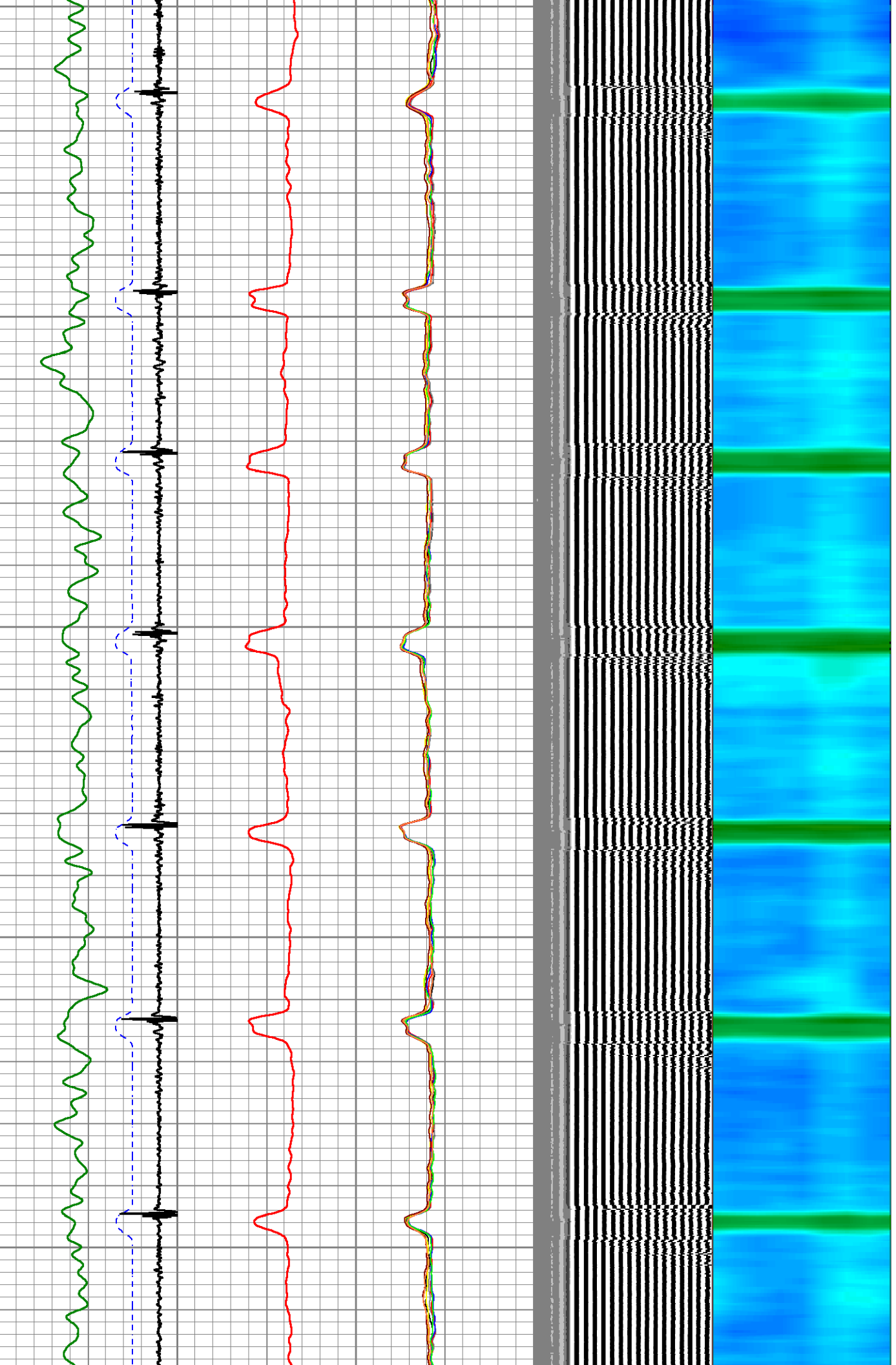
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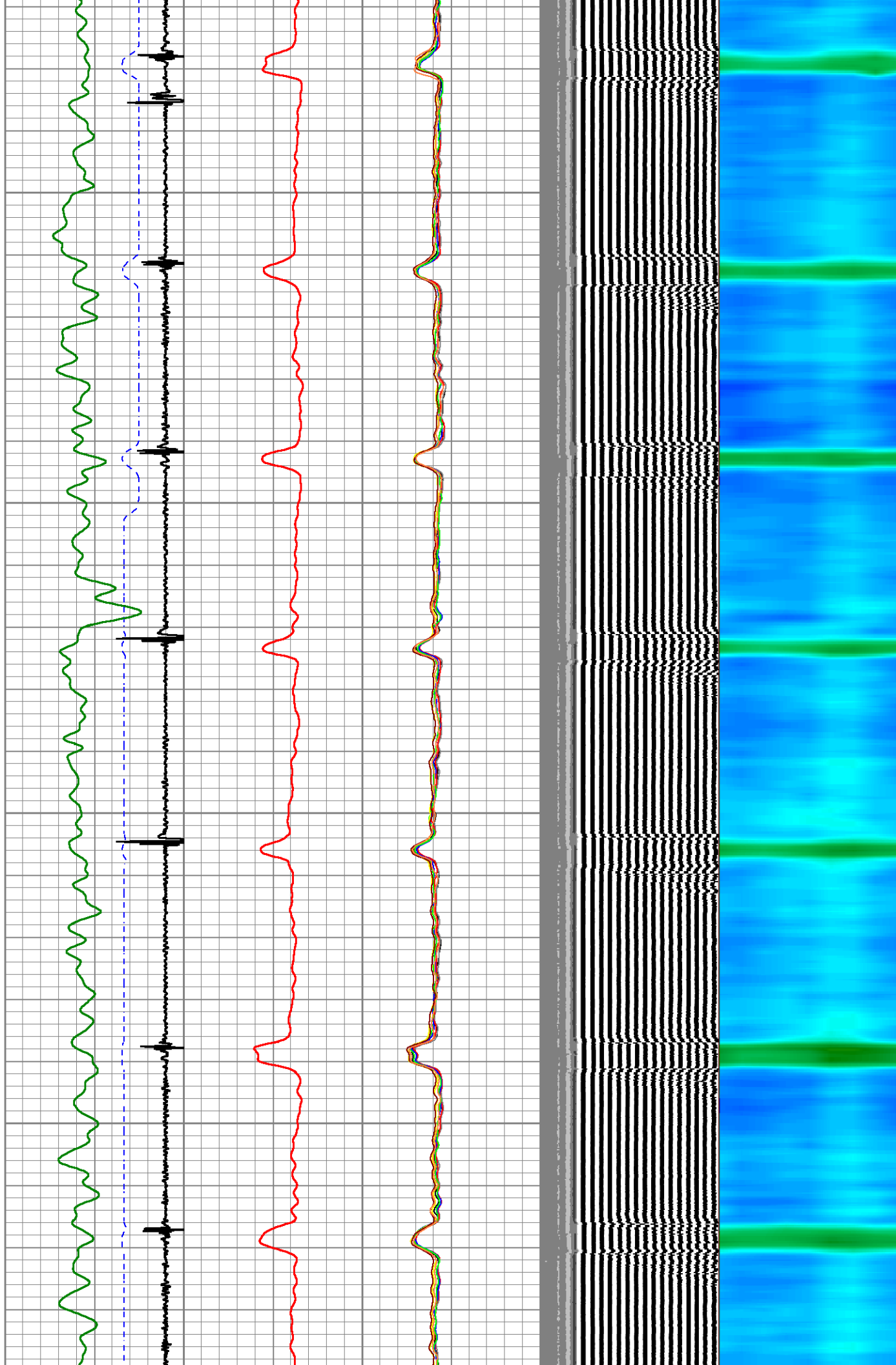


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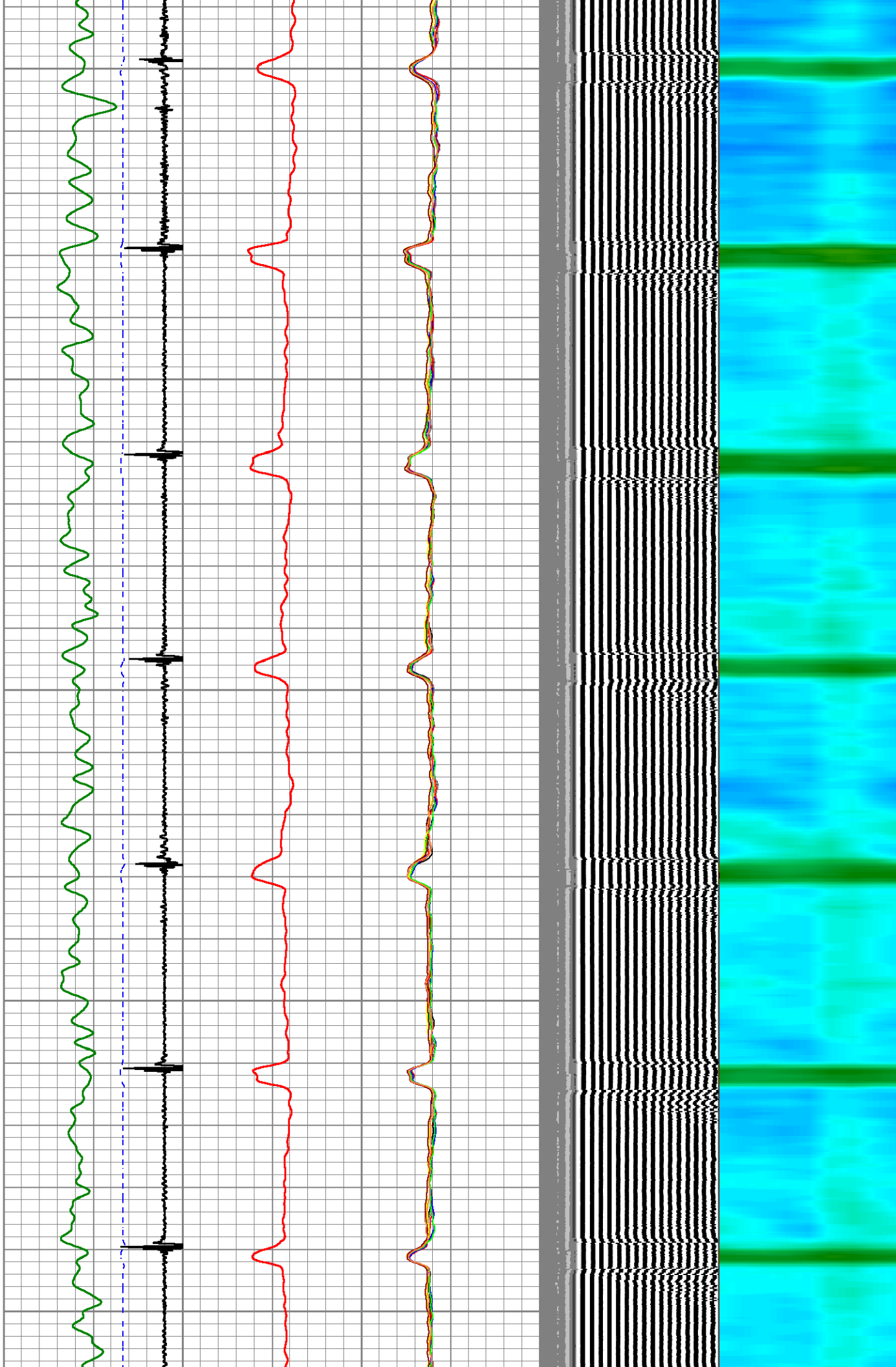
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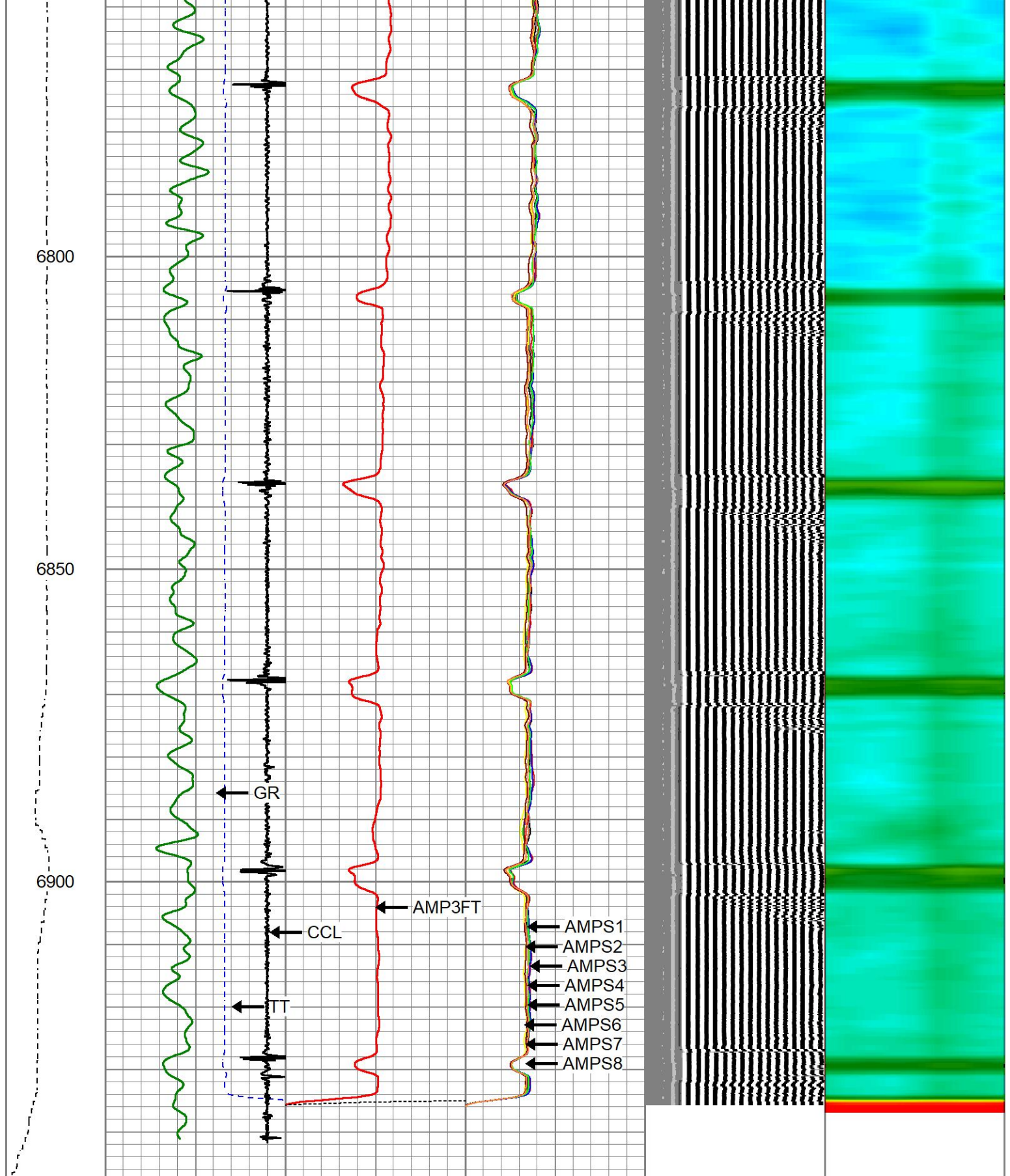
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6650

6700

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|          |      |           |           |     |            |     |   |       |     |     |            |      |   |            |   |
|----------|------|-----------|-----------|-----|------------|-----|---|-------|-----|-----|------------|------|---|------------|---|
| 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   | AMPx5 (mV) | 20  | 0 | AMPS2 | 150 |     |            |      |   |            |   |
| 0        | -250 | 0         | GR (GAPI) | 125 |            |     | 0 | AMPS3 | 150 |     |            |      |   |            |   |
|          |      | 125       | GR (GAPI) | 500 |            |     | 0 | AMPS4 | 150 |     |            |      |   |            |   |
|          |      |           |           |     |            |     | 0 | AMPS5 | 150 |     |            |      |   |            |   |
|          |      |           |           |     |            |     | 0 | AMPS6 | 150 |     |            |      |   |            |   |
|          |      |           |           |     |            |     | 0 | AMPS7 | 150 |     |            |      |   |            |   |
|          |      |           |           |     |            |     | 0 | AMPS8 | 150 |     |            |      |   |            |   |

|   |       |     |
|---|-------|-----|
| 0 | AMPS7 | 150 |
| 0 | AMPS8 | 150 |

|                    |                                       |  |
|--------------------|---------------------------------------|--|
| Calibration Report |                                       |  |
| Database File      | 5-5inch--civ-state-of-colorado-x-1.db |  |
| Dataset Pathname   | cbl/m                                 |  |
| Dataset Creation   | Tue Nov 18 07:30:09 2025              |  |

|                              |
|------------------------------|
| Gamma Ray Calibration Report |
|------------------------------|

|                     |                          |          |
|---------------------|--------------------------|----------|
| Serial Number:      | 27GRL10-XXXX             |          |
| Tool Model:         | 27GRL10                  |          |
| Performed:          | Mon Mar 11 13:46:24 2024 |          |
| Calibrator Value:   | 1.0                      | GAPI     |
| Background Reading: | 0.0                      | cps      |
| Calibrator Reading: | 1.0                      | cps      |
| Sensitivity:        | 0.5000                   | GAPI/cps |

|                                              |
|----------------------------------------------|
| Segmented Cement Bond Log Calibration Report |
|----------------------------------------------|

|                              |                       |    |
|------------------------------|-----------------------|----|
| Serial Number:               | Greeley-Ext-Temp-5.5" |    |
| Tool Model:                  | 27SBT10               |    |
| Calibration Casing Diameter: | 5.500                 | in |
| Calibration Depth:           | 5542.858              | ft |

|                                                         |         |       |                 |        |         |        |
|---------------------------------------------------------|---------|-------|-----------------|--------|---------|--------|
| Master Calibration, performed Tue Nov 18 07:24:41 2025: |         |       |                 |        |         |        |
|                                                         | Raw (v) |       | Calibrated (mv) |        | Results |        |
|                                                         | Zero    | Cal   | Zero            | Cal    | Gain    | Offset |
| 3'                                                      | 0.038   | 0.989 | 0.250           | 71.921 | 75.339  | -2.611 |
| CAL                                                     | 2.073   | 1.636 |                 |        |         |        |
| 5'                                                      | 0.031   | 0.611 | 0.250           | 71.921 | 123.619 | -3.592 |
| SUM                                                     |         |       |                 |        |         |        |
| S1                                                      | 0.040   | 0.971 | 0.000           | 71.921 | 77.214  | -3.067 |
| S2                                                      | 0.022   | 0.999 | 0.000           | 71.921 | 73.621  | -1.610 |
| S3                                                      | 0.023   | 0.997 | 0.000           | 71.921 | 73.853  | -1.697 |
| S4                                                      | 0.026   | 1.026 | 0.000           | 71.921 | 71.893  | -1.838 |
| S5                                                      | 0.026   | 1.041 | 0.000           | 71.921 | 70.850  | -1.847 |
| S6                                                      | 0.024   | 1.069 | 0.000           | 71.921 | 68.807  | -1.648 |
| S7                                                      | 0.023   | 1.025 | 0.000           | 71.921 | 71.783  | -1.624 |
| S8                                                      | 0.020   | 1.013 | 0.000           | 71.921 | 72.434  | -1.482 |

|                                                            |         |       |                |       |         |        |
|------------------------------------------------------------|---------|-------|----------------|-------|---------|--------|
| Internal Reference Calibration, performed (Not Performed): |         |       |                |       |         |        |
|                                                            | Raw (v) |       | Calibrated (v) |       | Results |        |
|                                                            | Zero    | Cal   | Zero           | Cal   | Gain    | Offset |
| CAL                                                        | 0.000   | 0.000 | 2.073          | 1.636 | 1.000   | 0.000  |

|                                                           |         |  |                |  |         |  |
|-----------------------------------------------------------|---------|--|----------------|--|---------|--|
| Air Zero Calibration, performed Tue Nov 18 06:45:18 2025: |         |  |                |  |         |  |
|                                                           | Raw (v) |  | Calibrated (v) |  | Results |  |
|                                                           | Zero    |  | Zero           |  | Offset  |  |
| 3'                                                        | 0.000   |  | 0.000          |  | 0.000   |  |
| 5'                                                        | 0.000   |  | 0.000          |  | 0.000   |  |

|     |       |       |       |
|-----|-------|-------|-------|
| S   | 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               |         |     |
|                                                                                  | Well    | STATE OF COLORADO X 1 |         |     |
|                                                                                  | Field   | LOWRY                 |         |     |
|                                                                                  | County  | APAPAHOE              |         |     |
|                                                                                  | State   | CO                    | Country | USA |