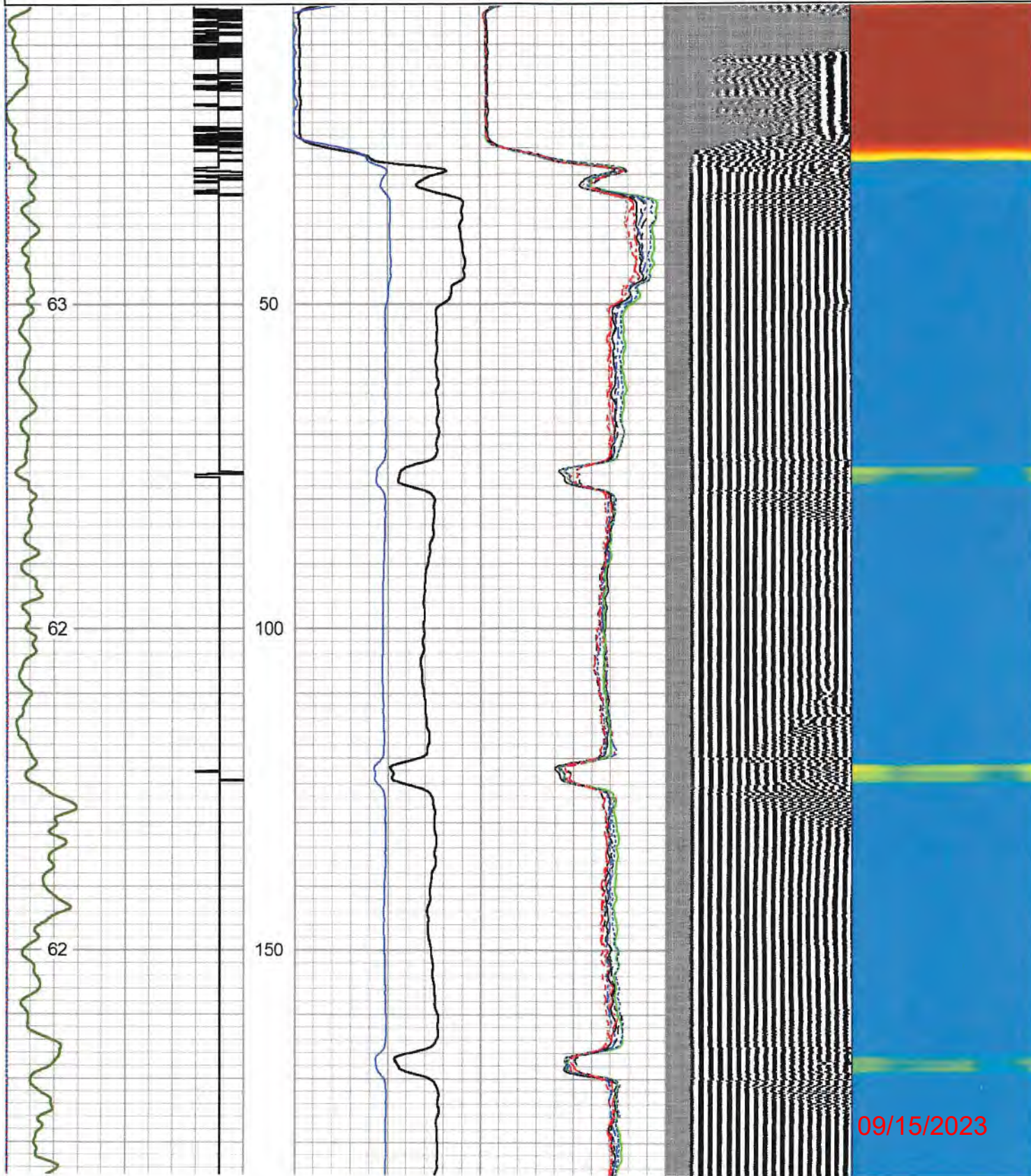




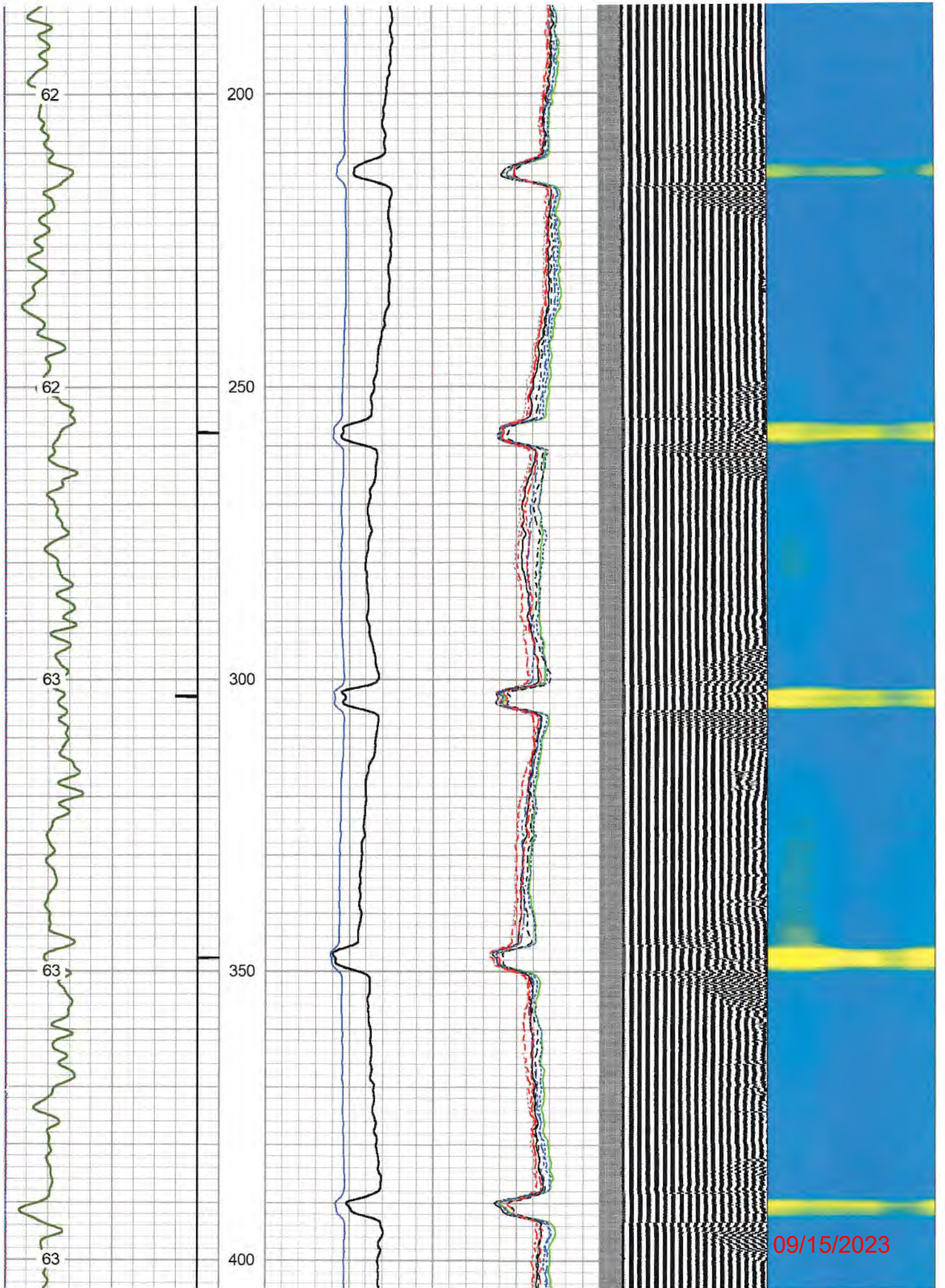
|               |                    |      |
|---------------|--------------------|------|
| 262           | Travel Time (usec) | 62   |
| Casing Collar |                    |      |
| 0             | Gamma Ray (GAPI)   | 150  |
| 0             | LTEN (lb)          | 2500 |
| Temp (degF)   |                    |      |

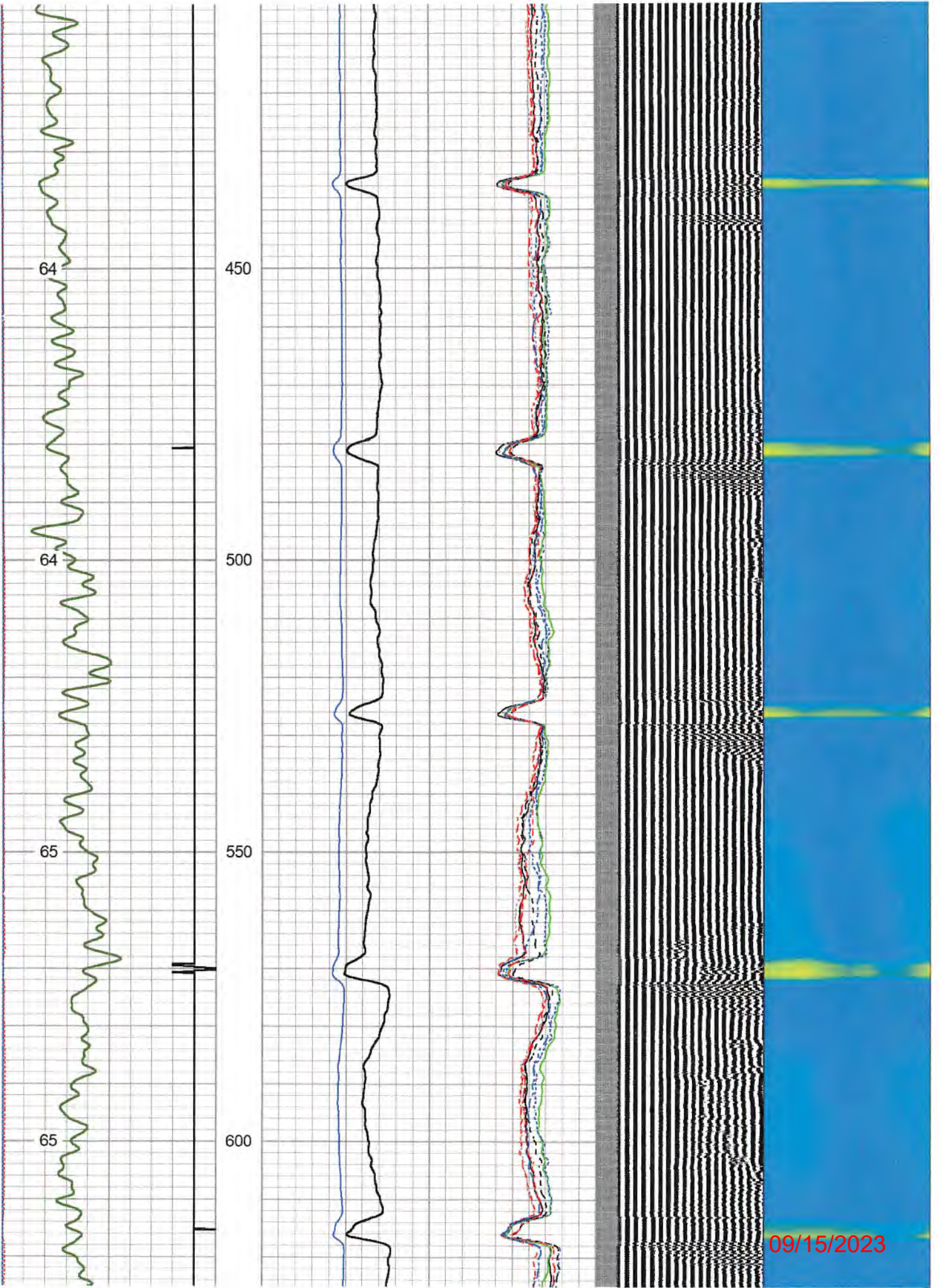
|   |                |     |    |          |     |
|---|----------------|-----|----|----------|-----|
| 0 | Amplitude (mV) | 100 | -5 | Sector 1 | 150 |
| 1 | BONDIX         | 0   | -5 | Sector 2 | 150 |
|   |                |     | -5 | Sector 3 | 150 |
|   |                |     | -5 | Sector 4 | 150 |
|   |                |     | -5 | Sector 5 | 150 |
|   |                |     | -5 | Sector 6 | 150 |
|   |                |     | -5 | Sector 7 | 150 |
|   |                |     | -5 | Sector 8 | 150 |

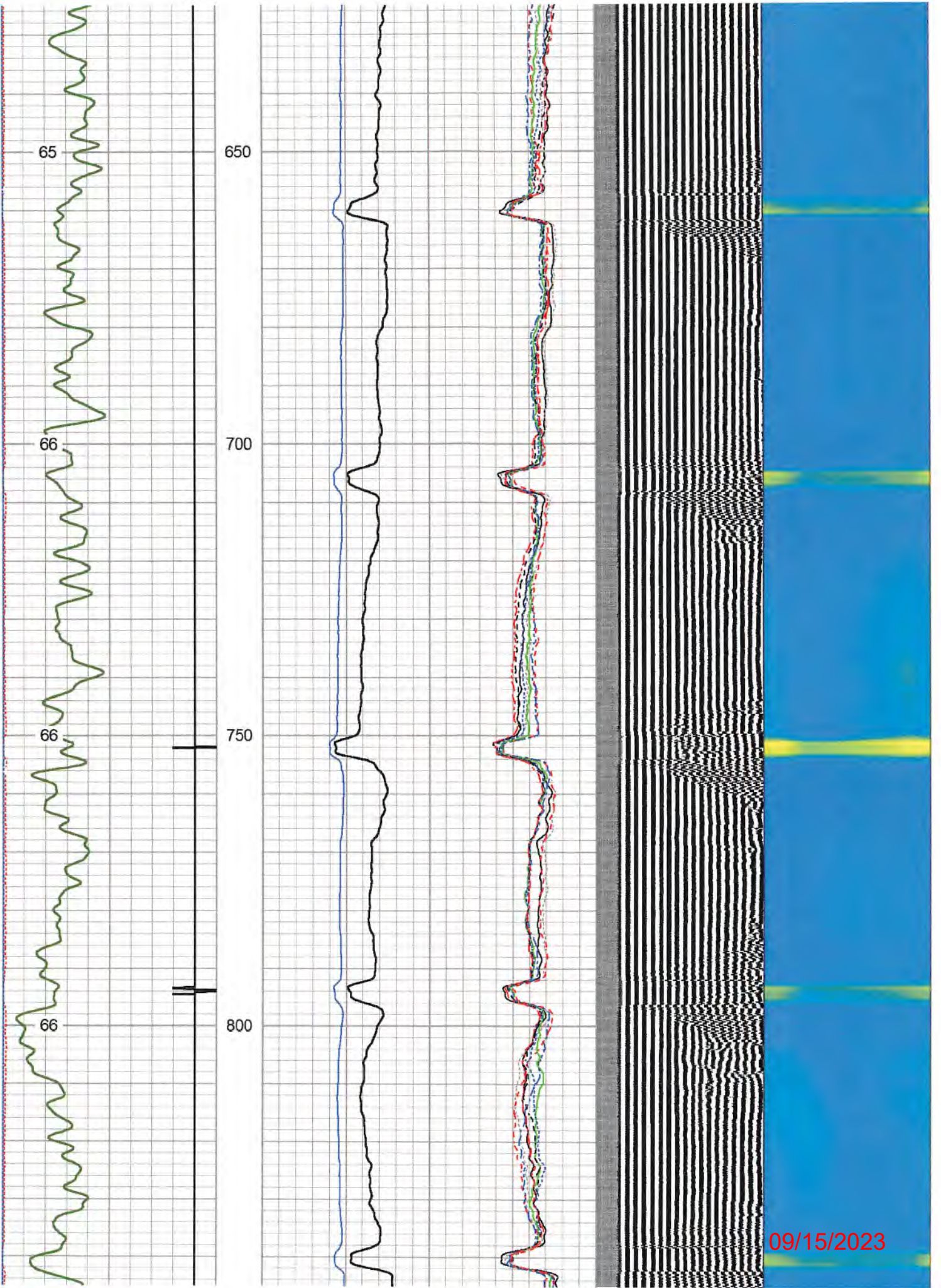
Variable Density 1 Cement Map 8  
 200 (usec) 1200

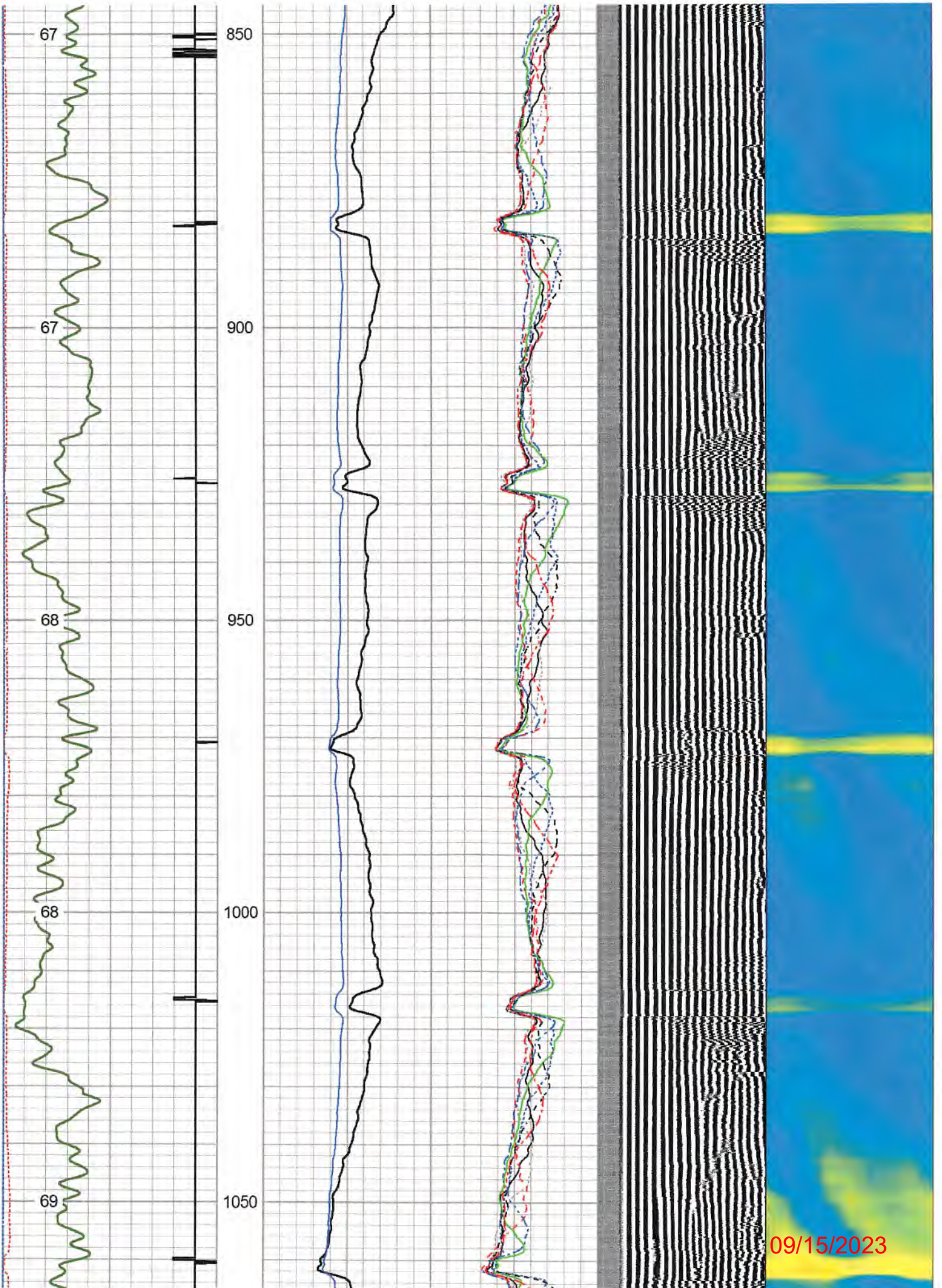


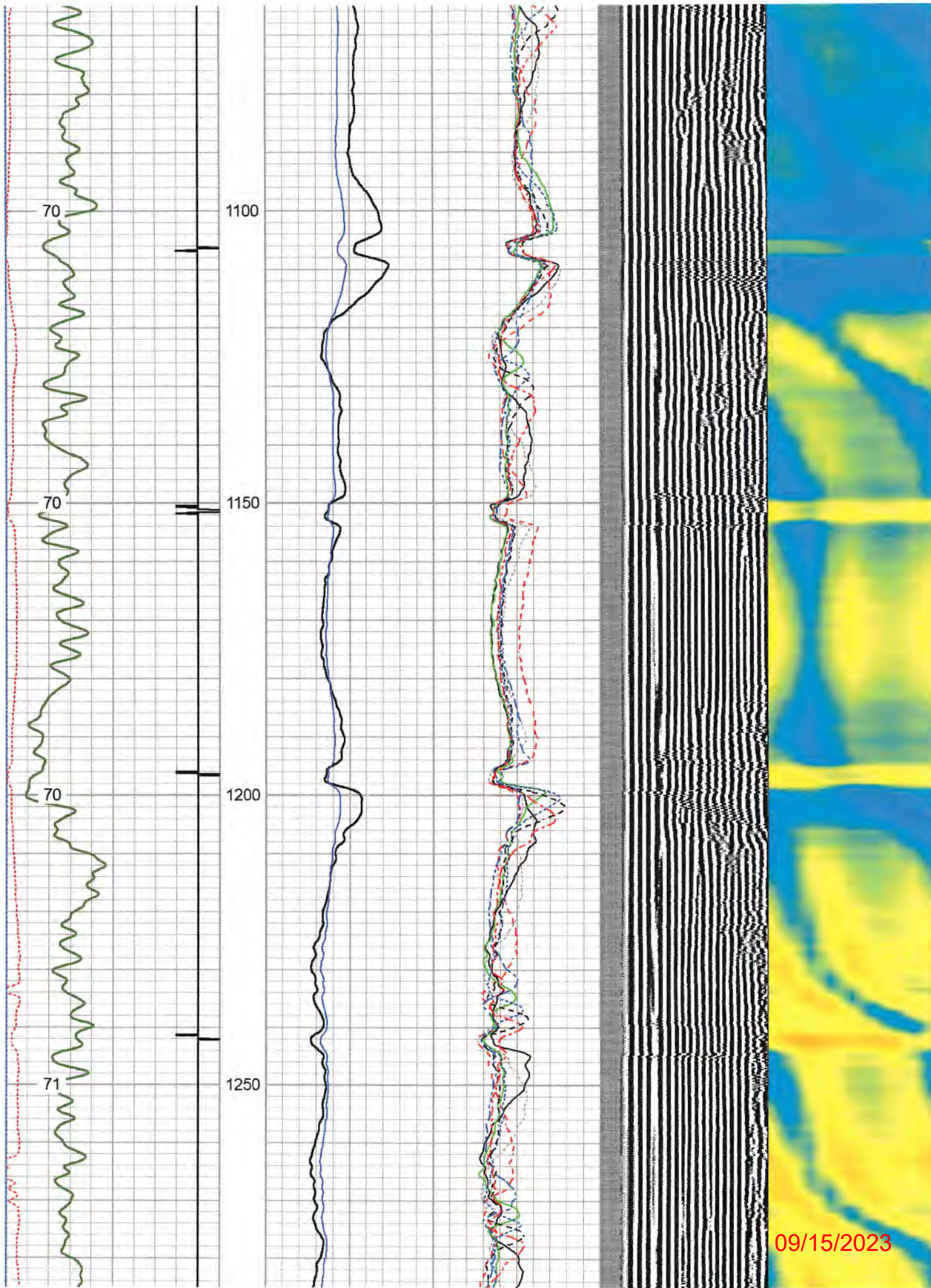
09/15/2023



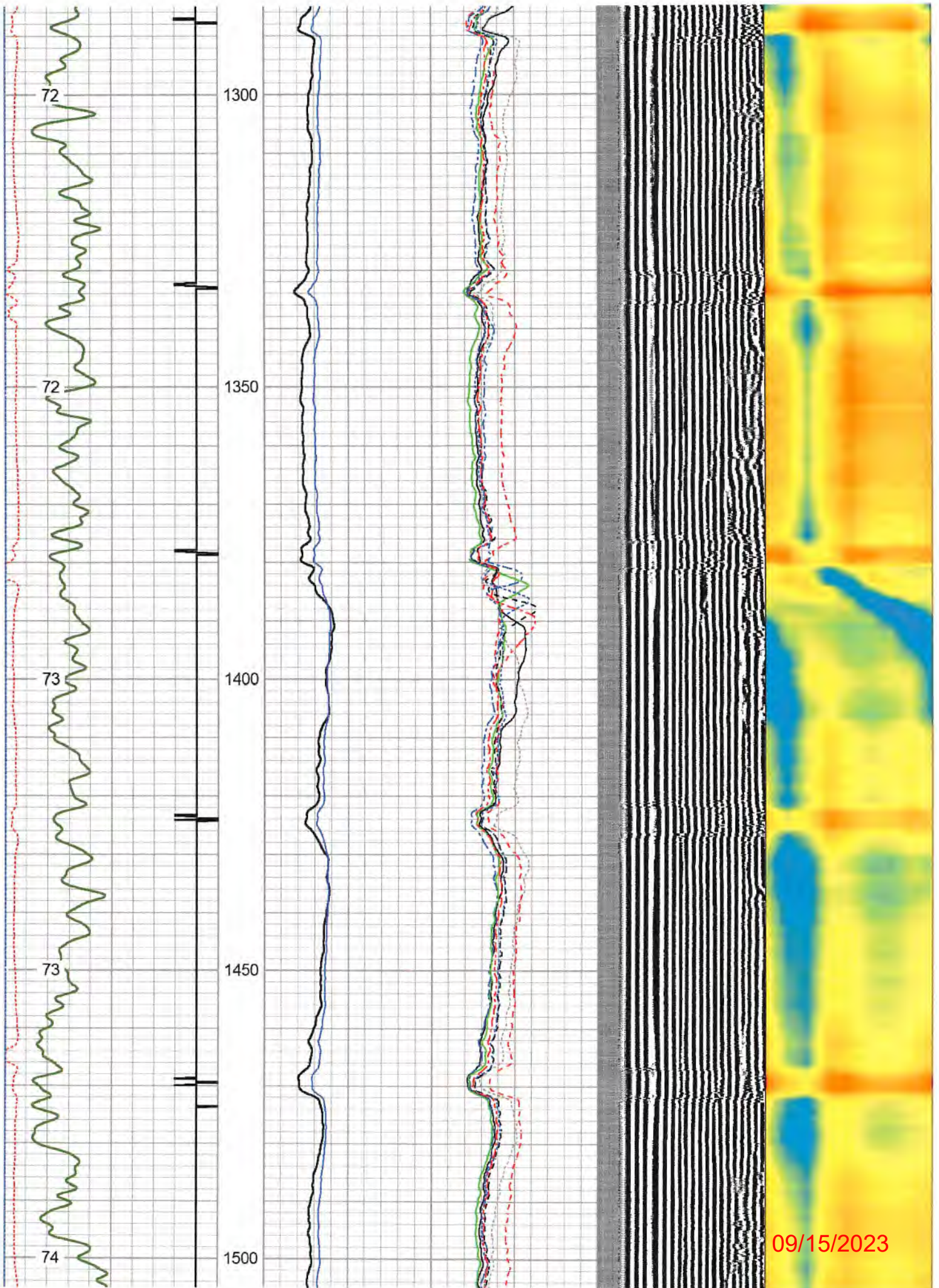




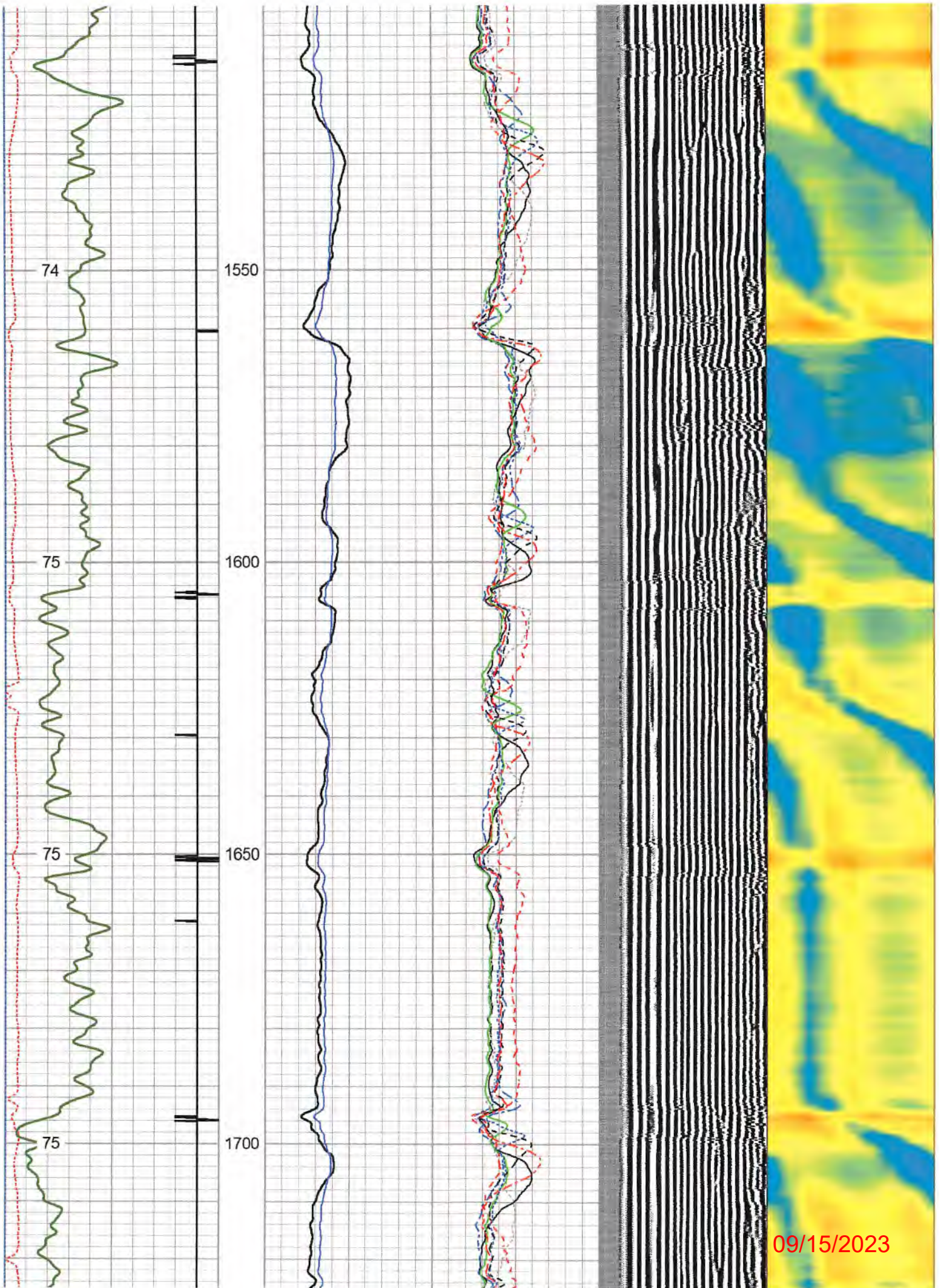




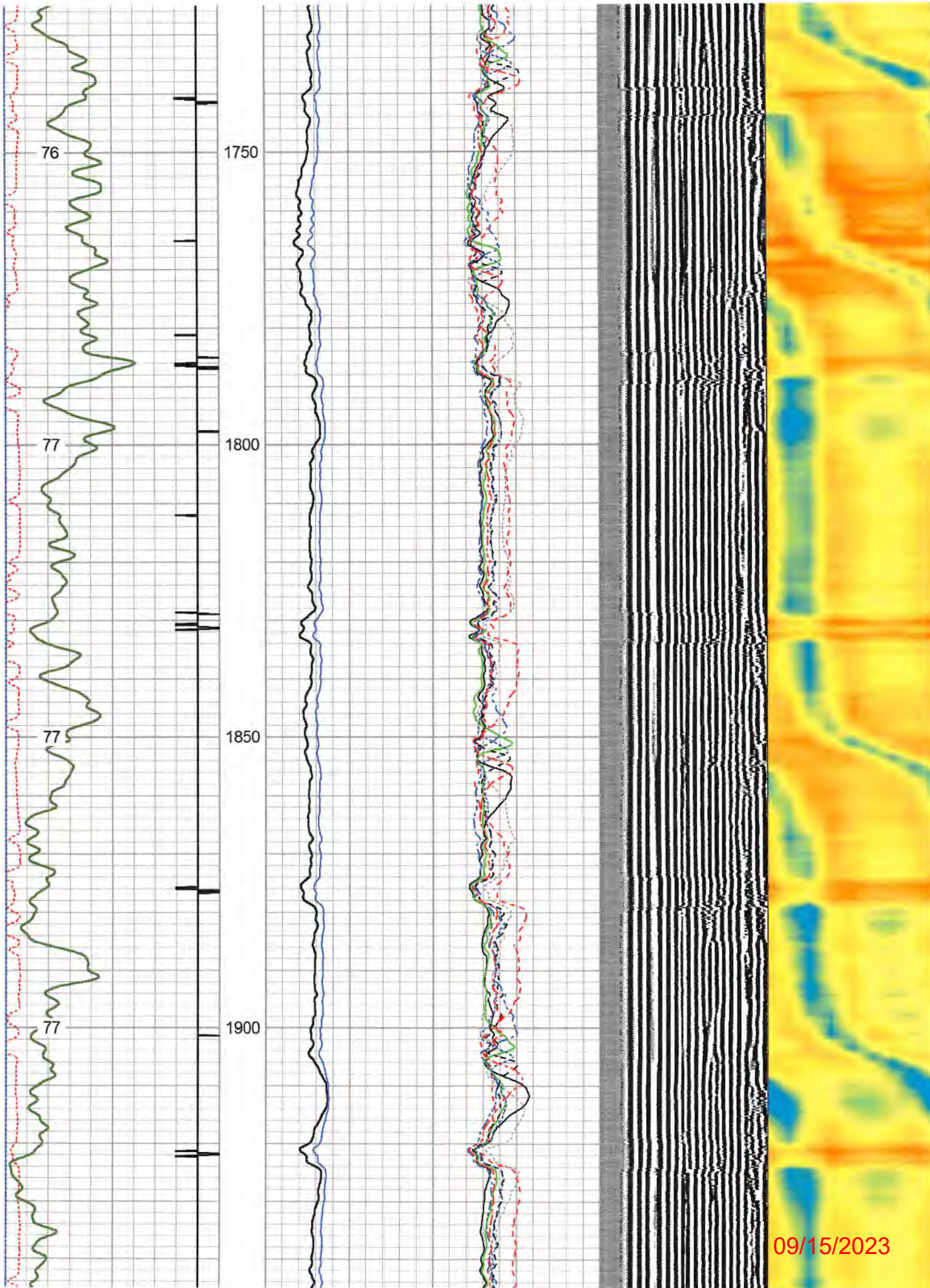
09/15/2023

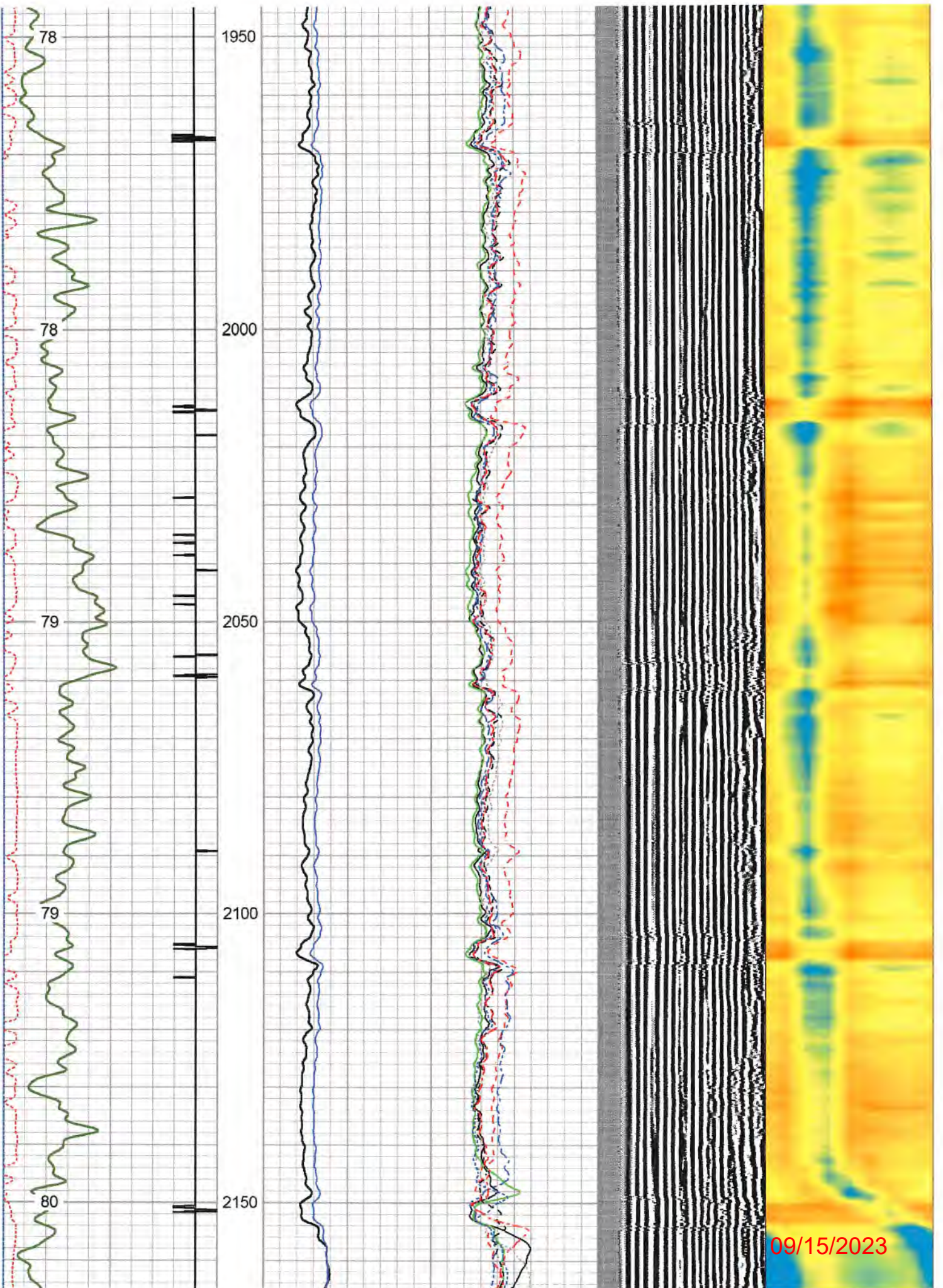


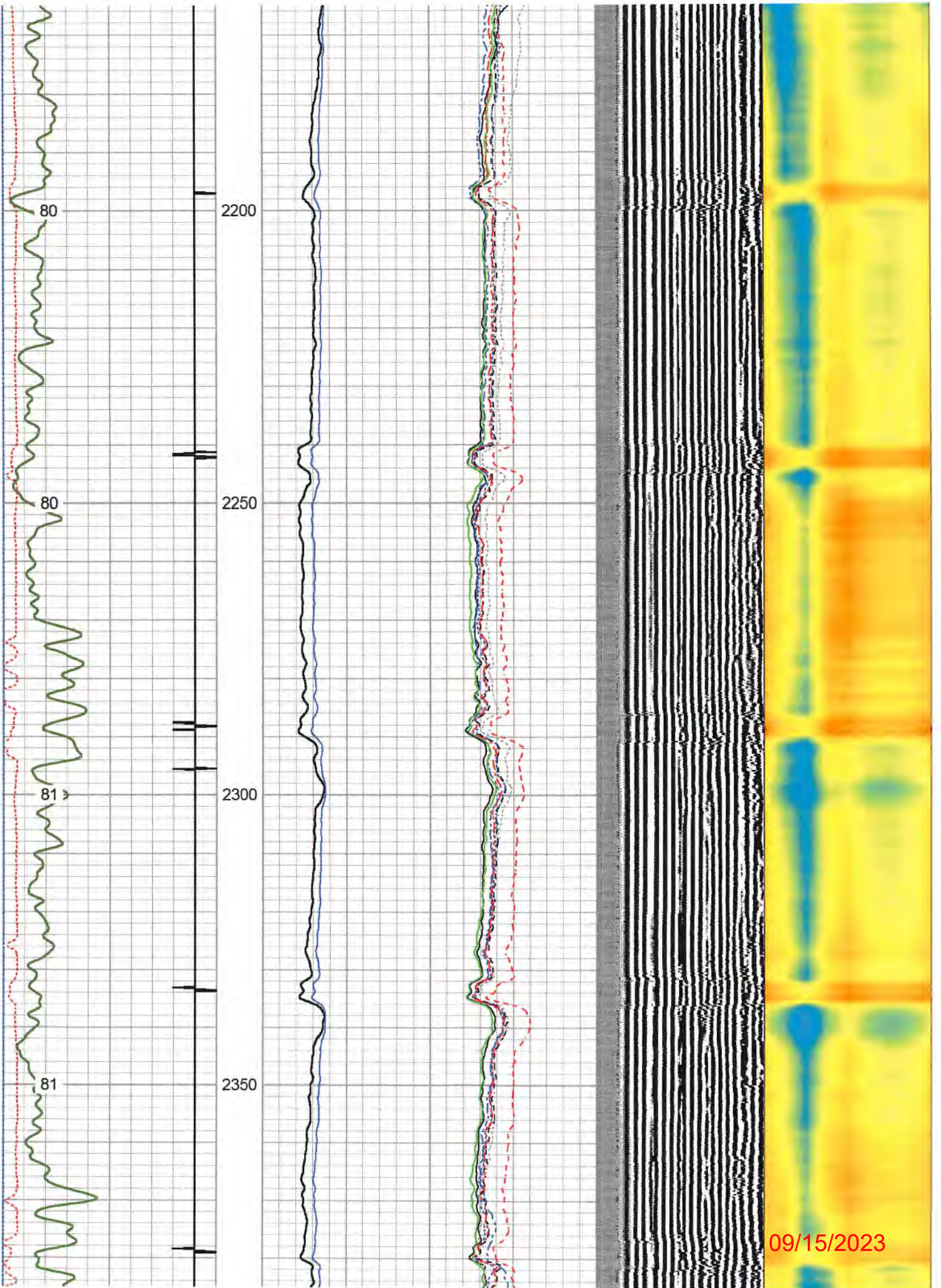


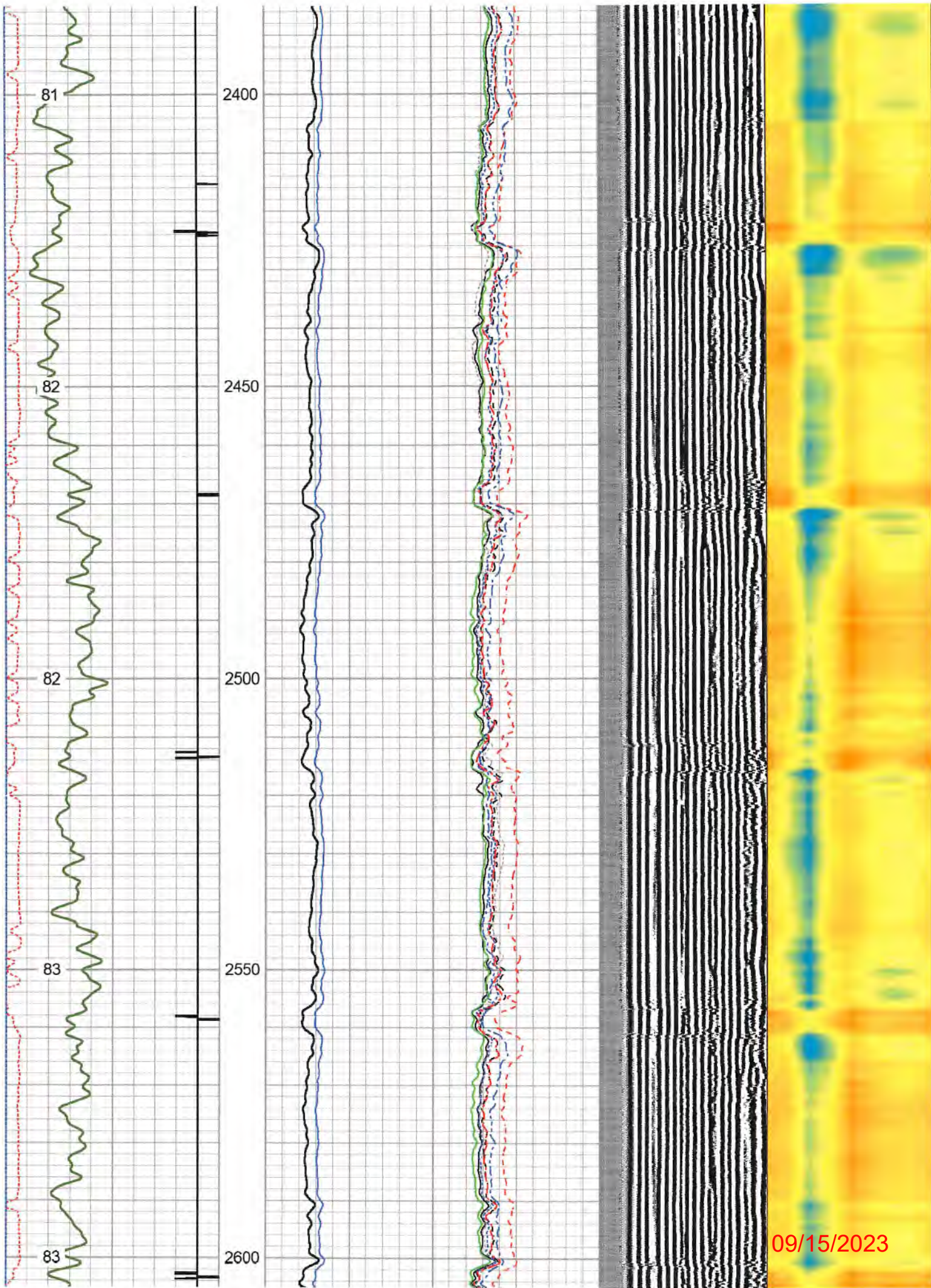


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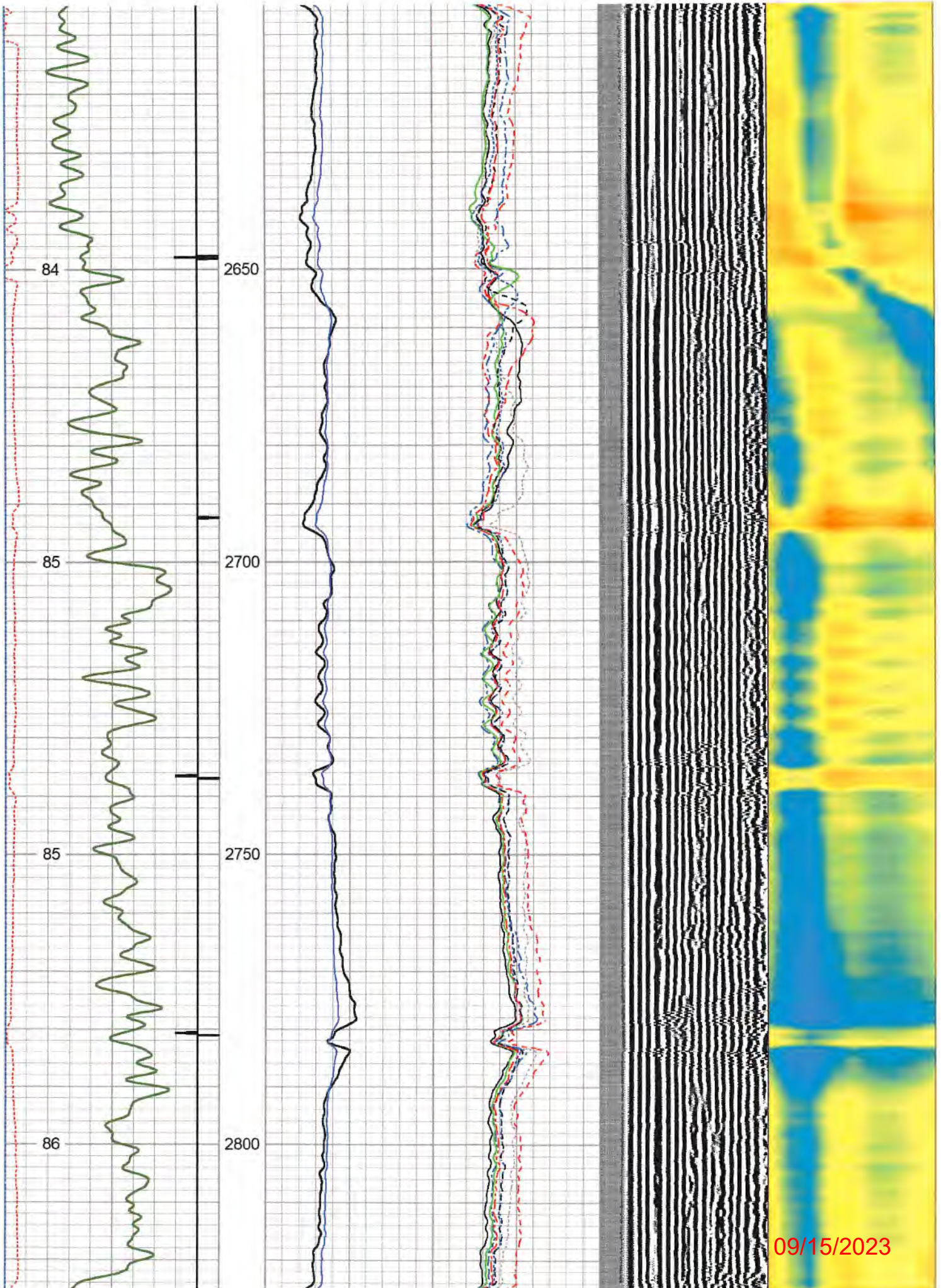


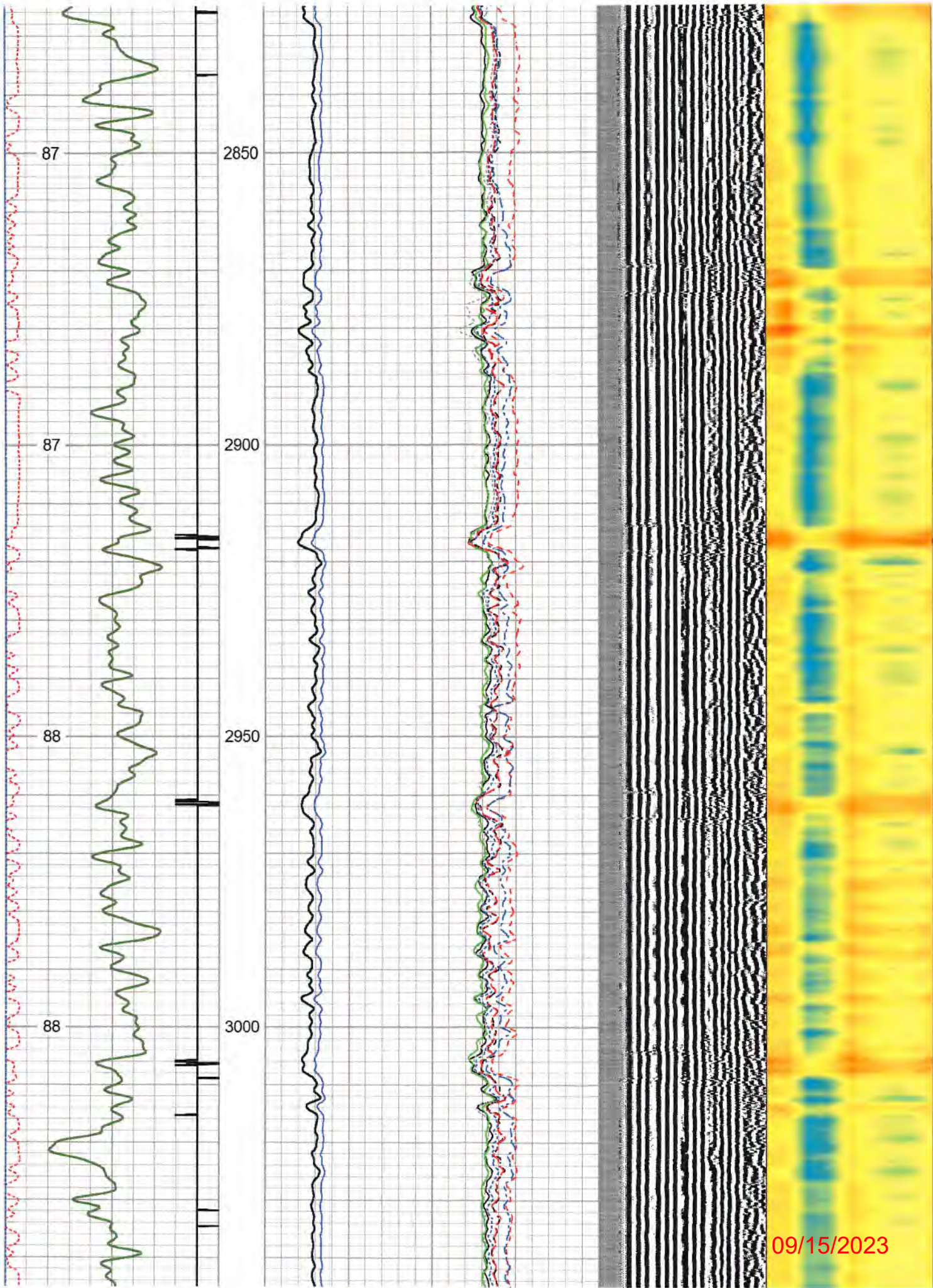






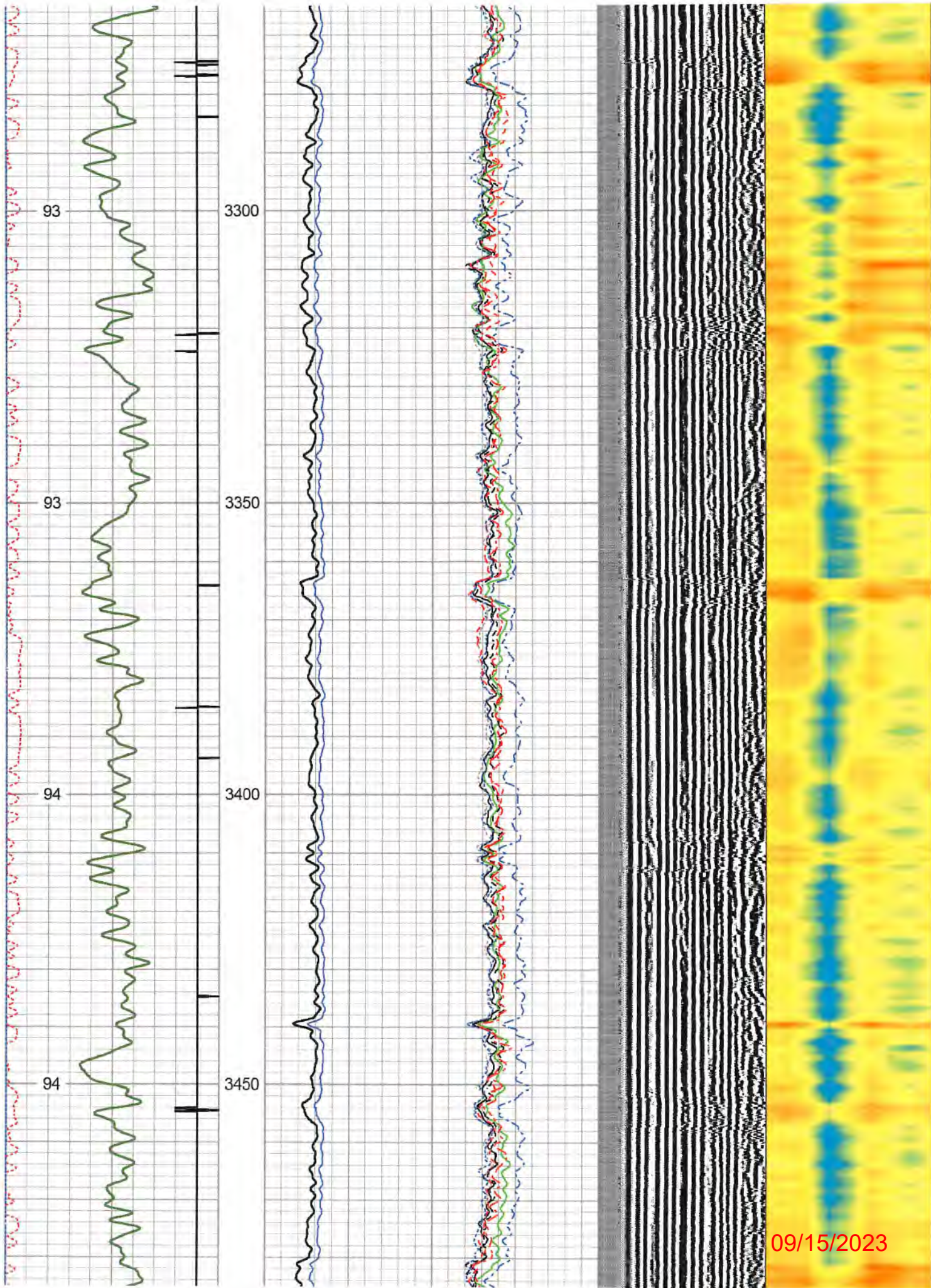
09/15/2023

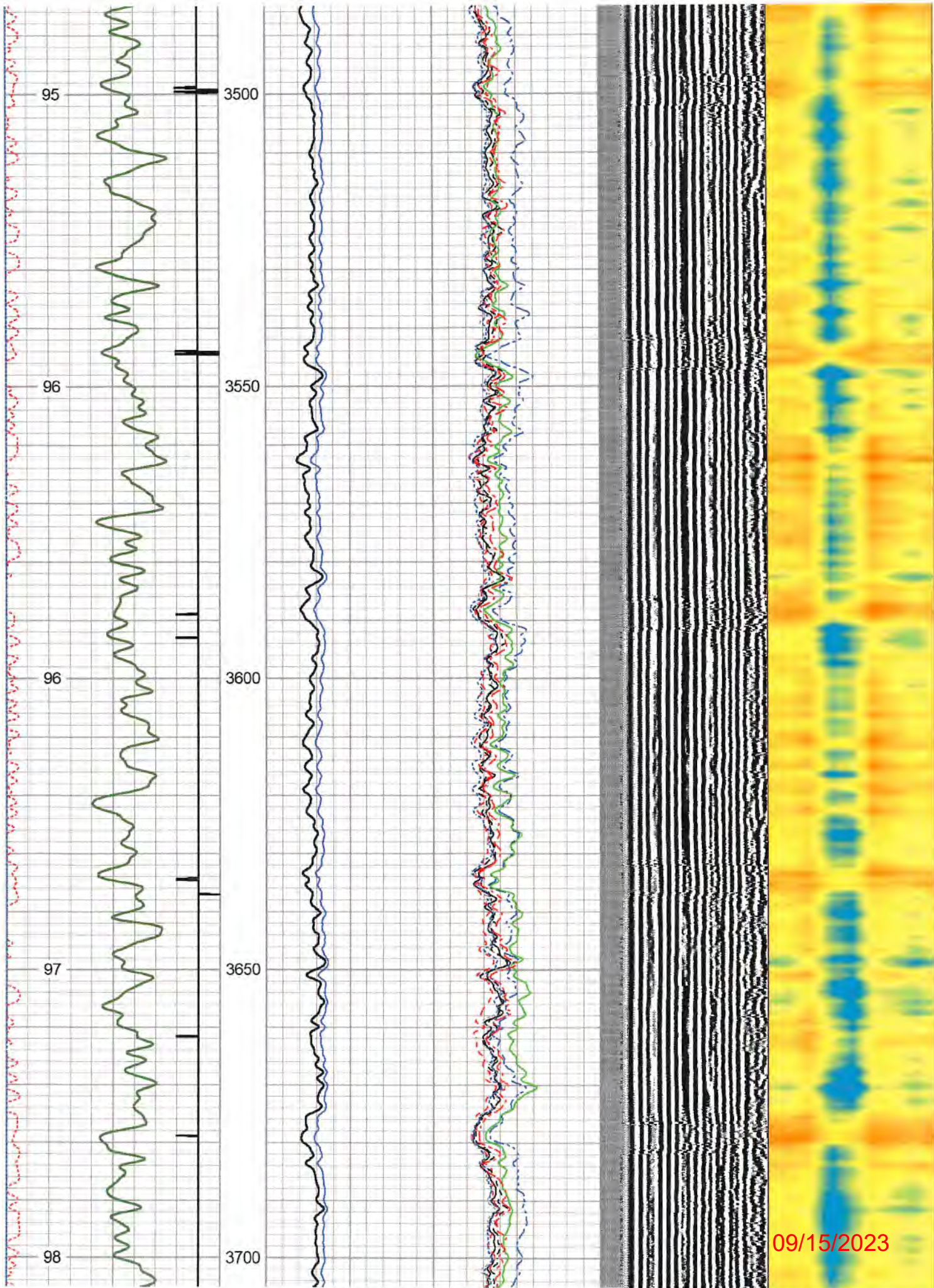


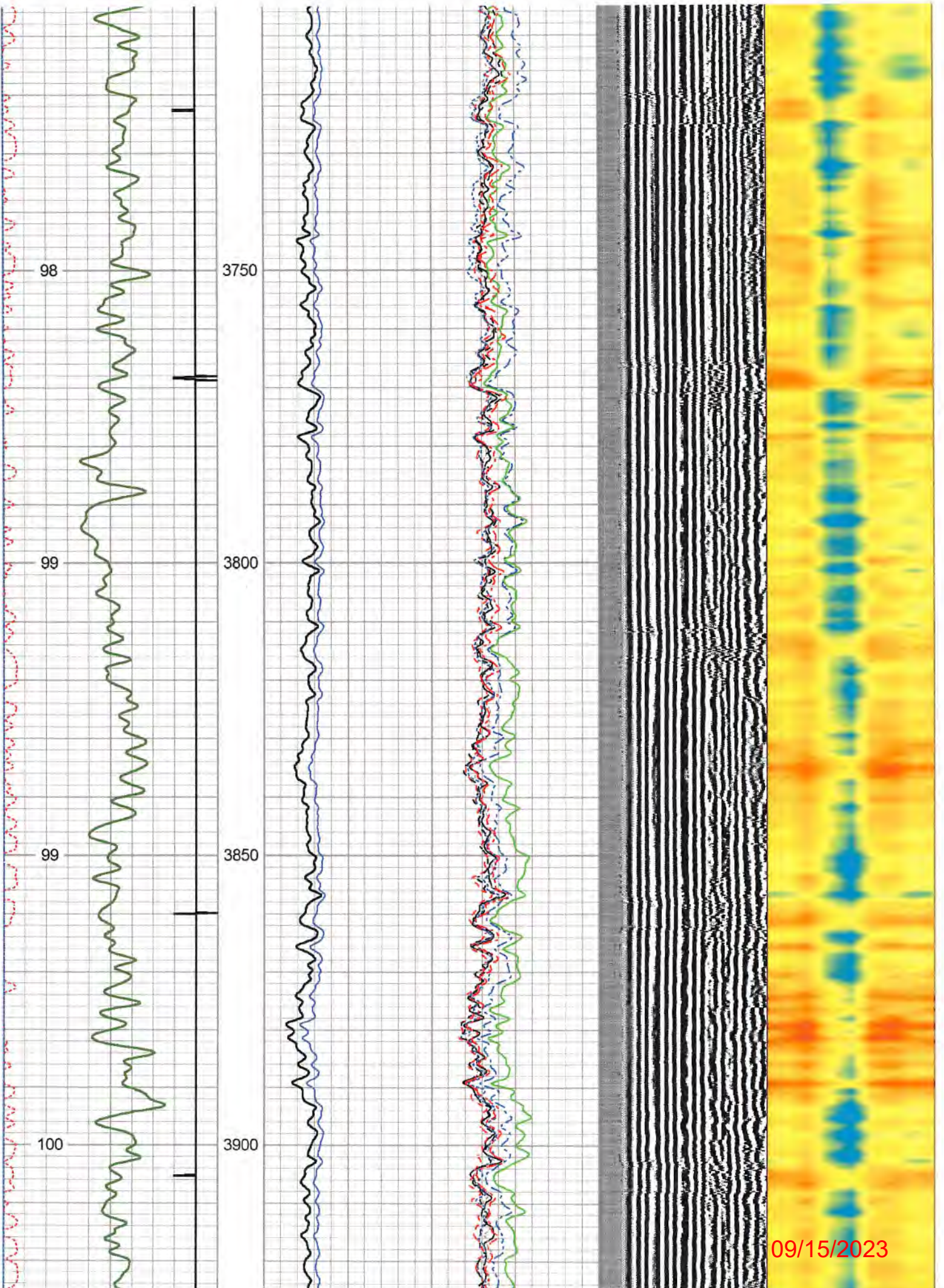


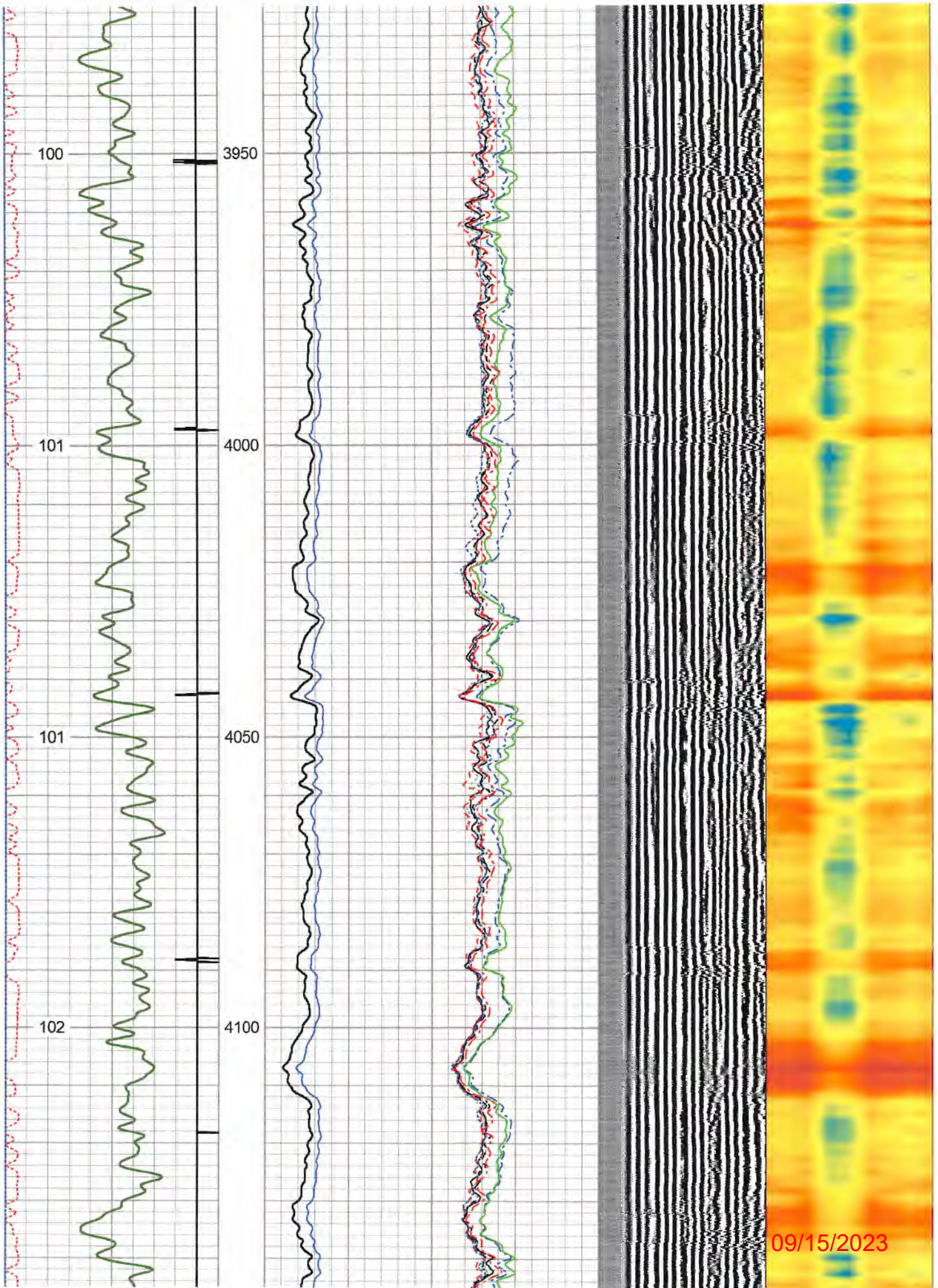


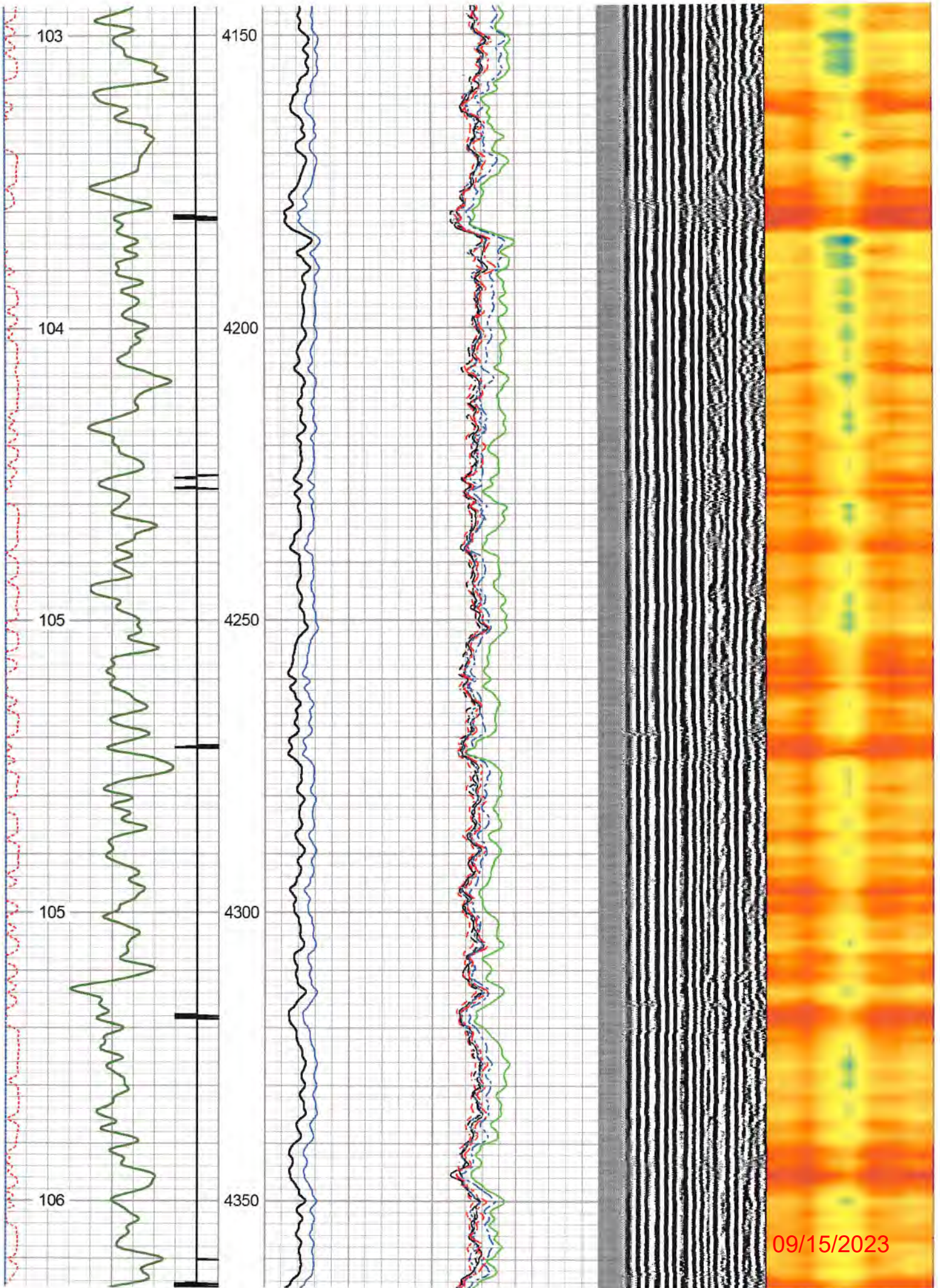


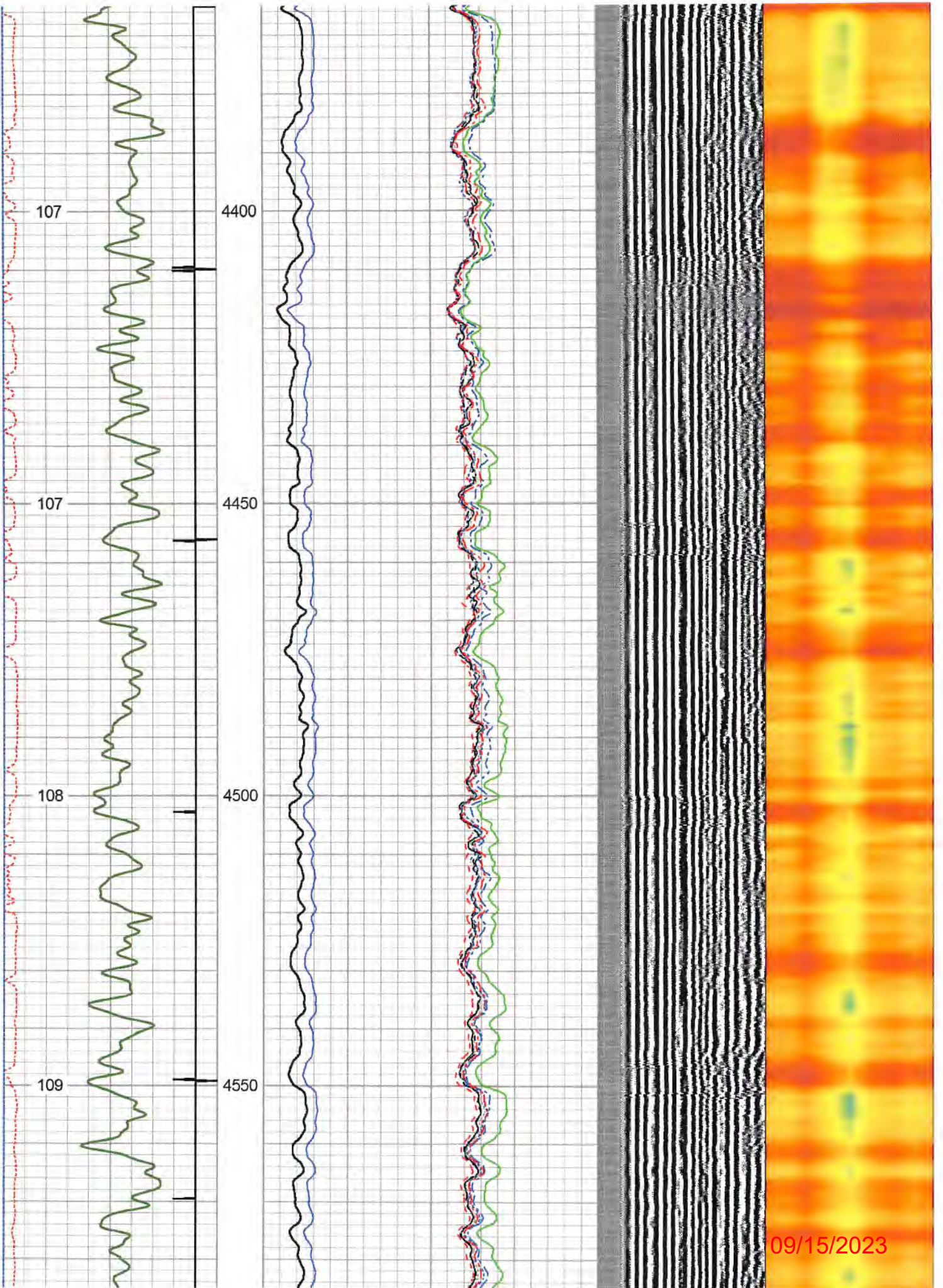




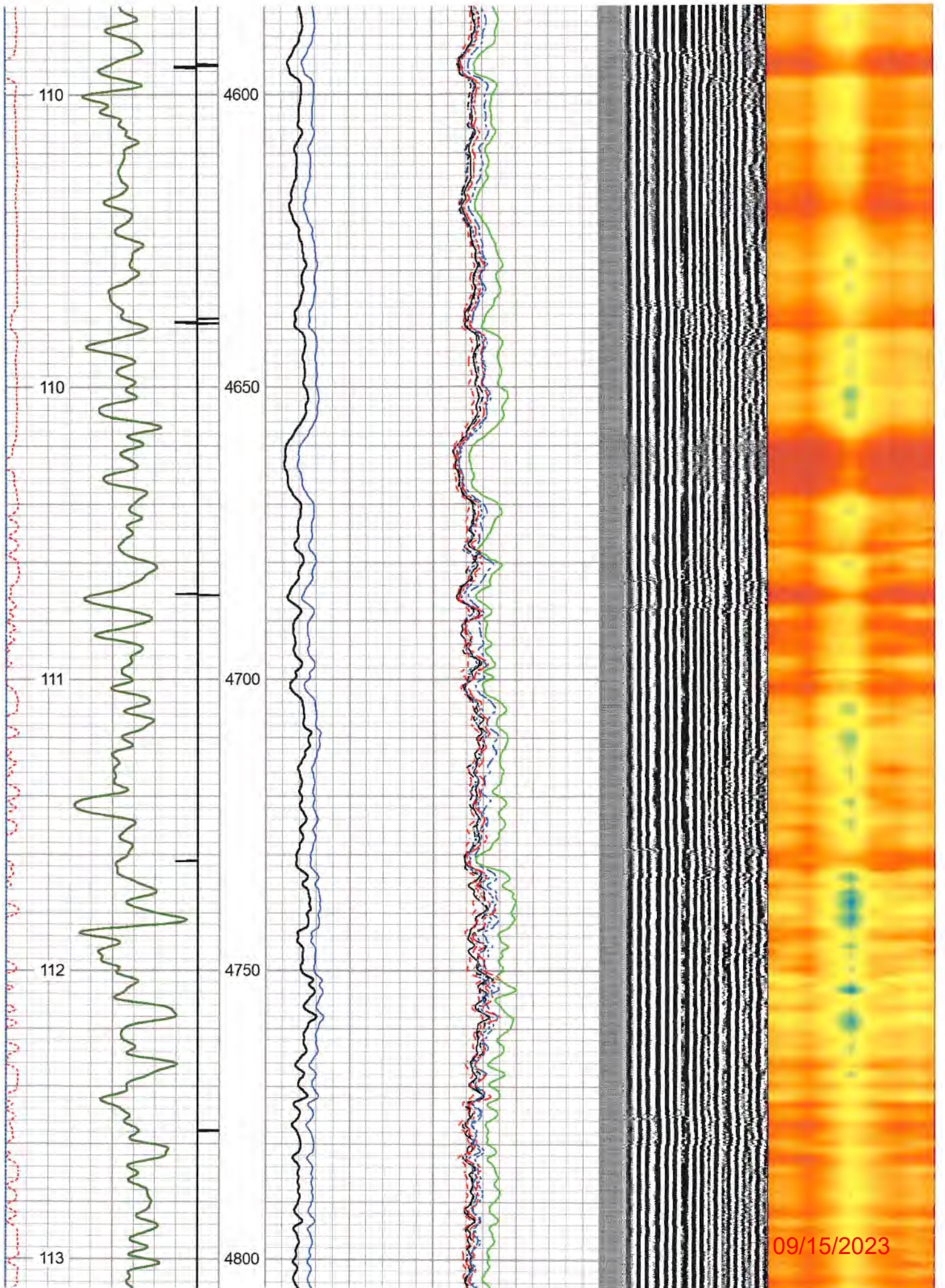


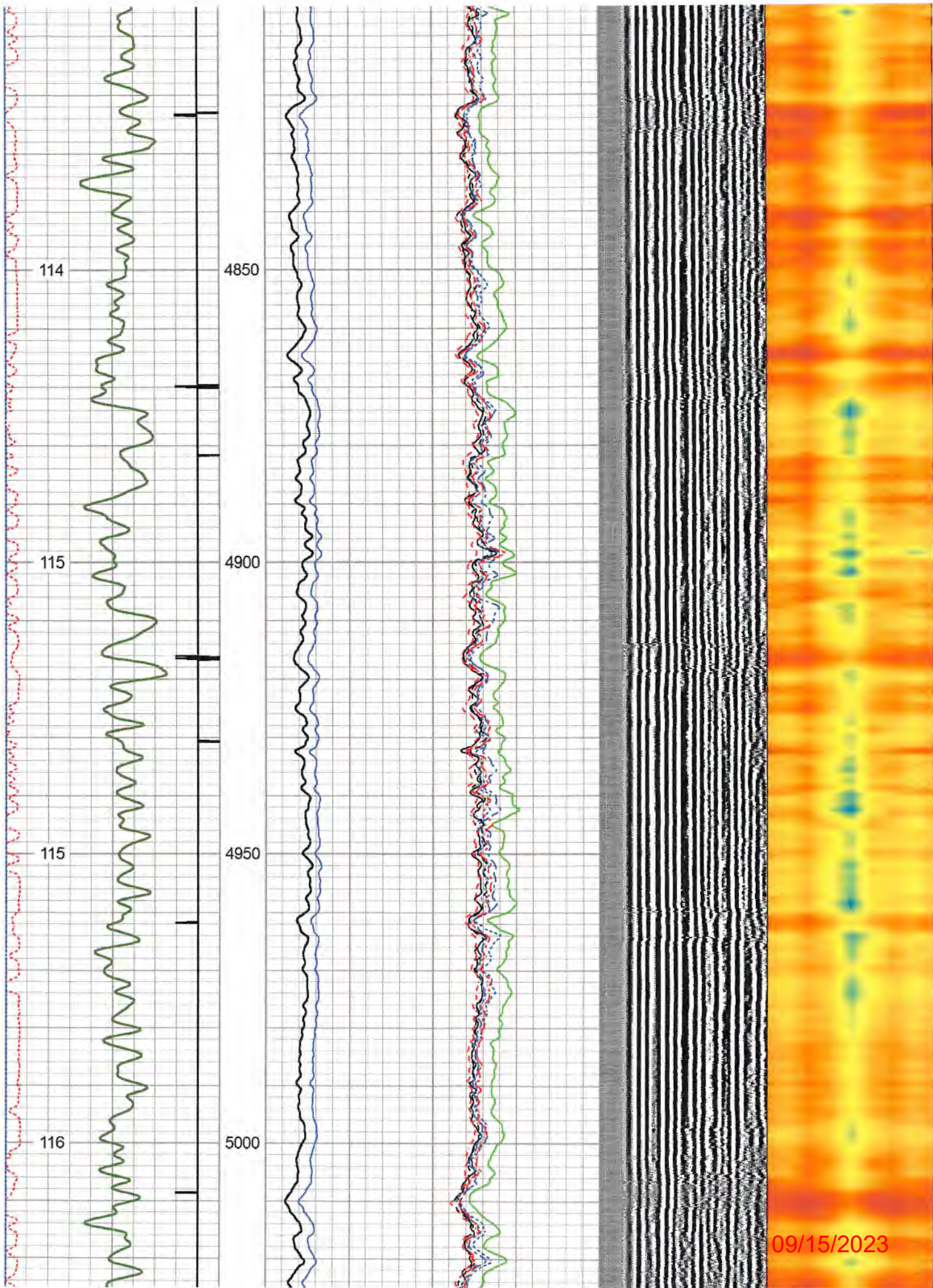




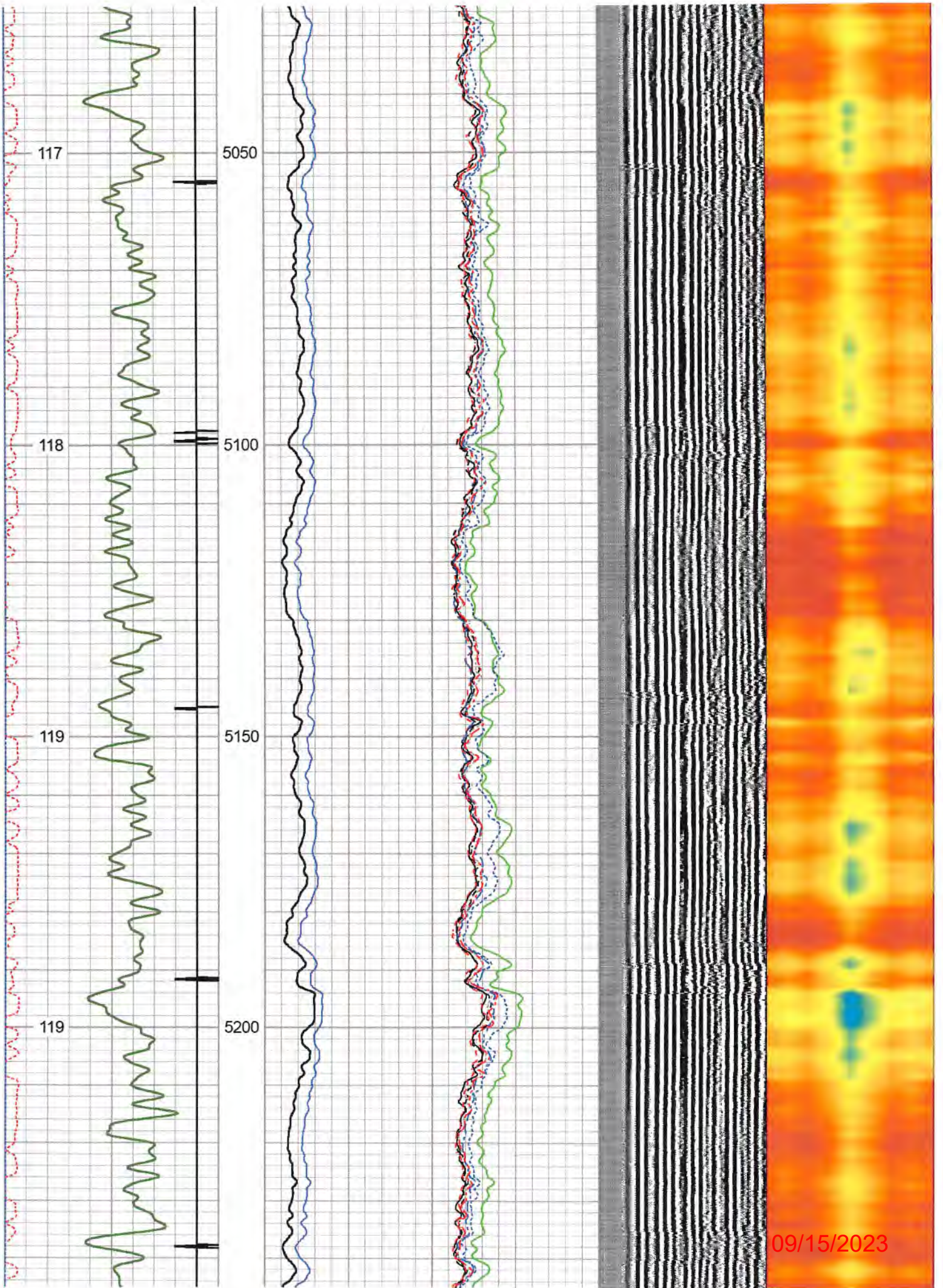


09/15/2023

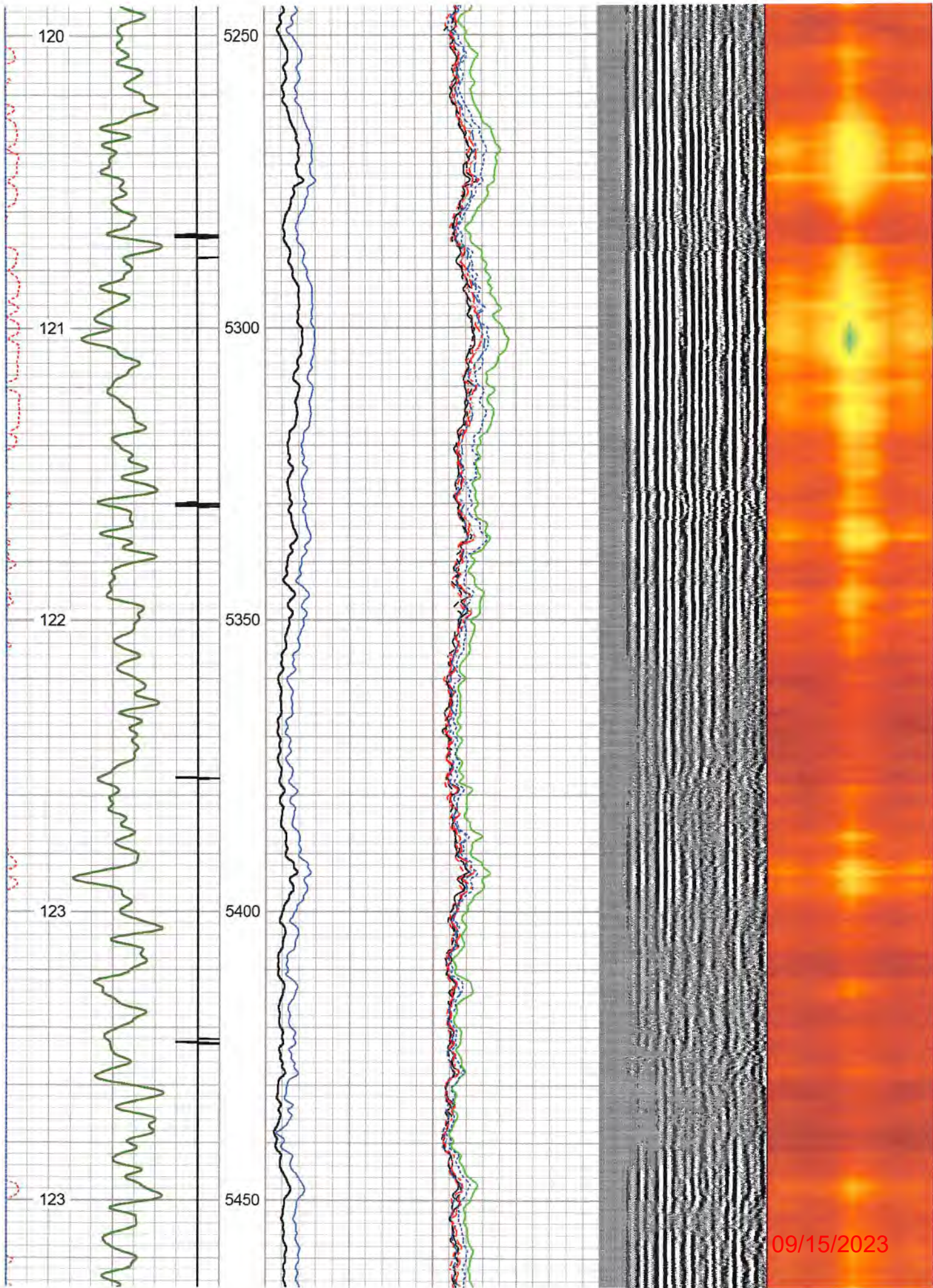




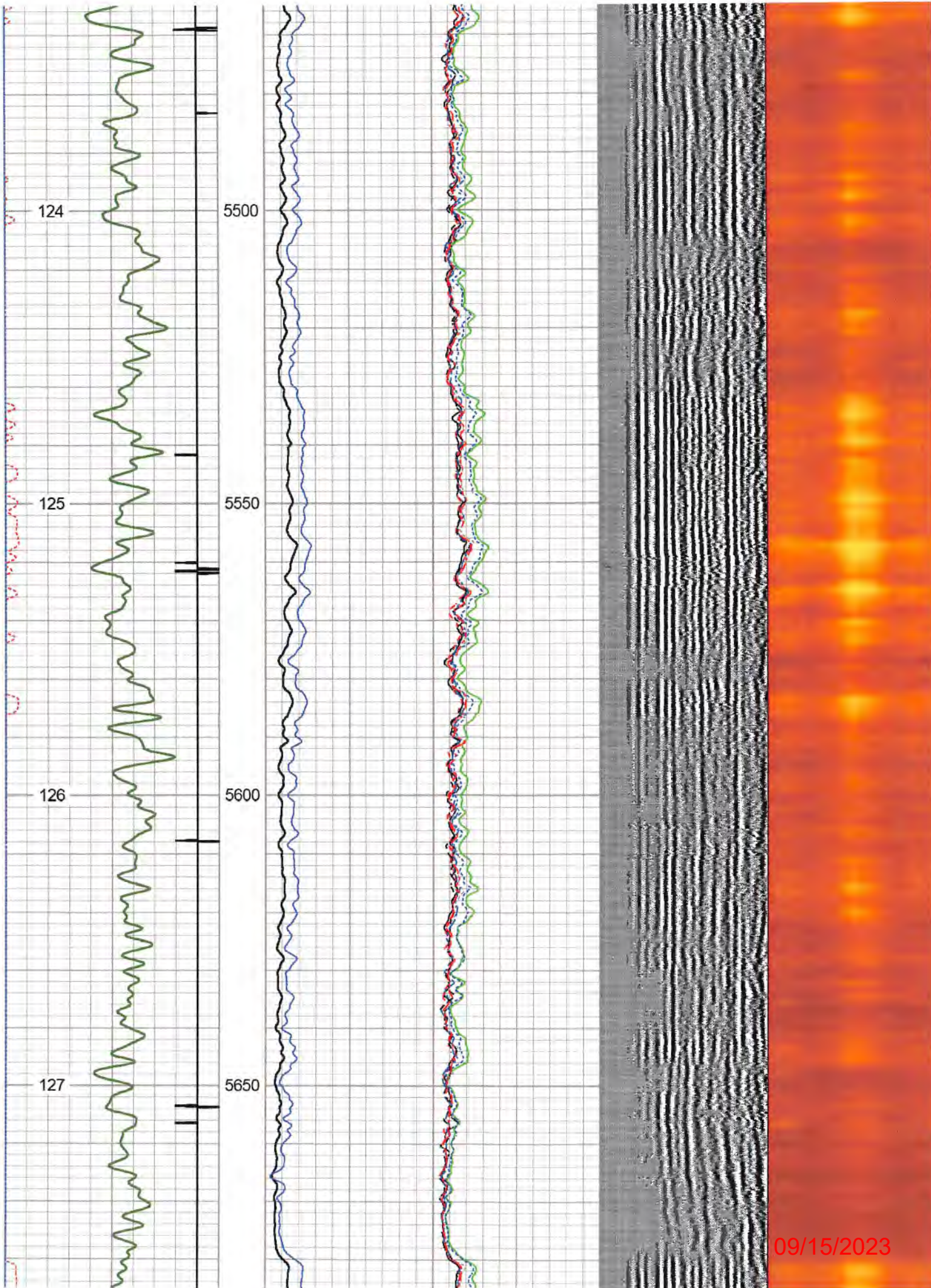




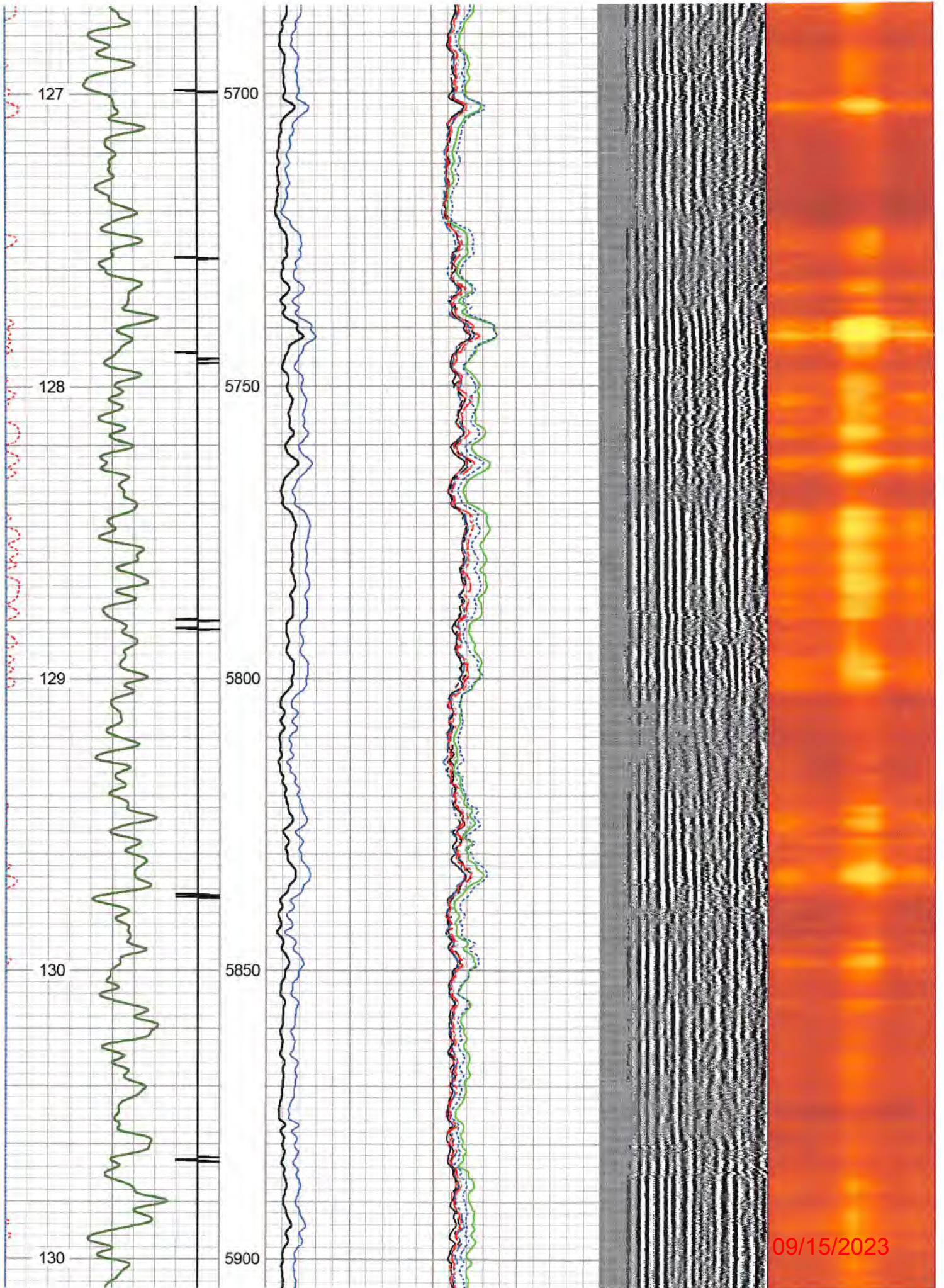
09/15/2023



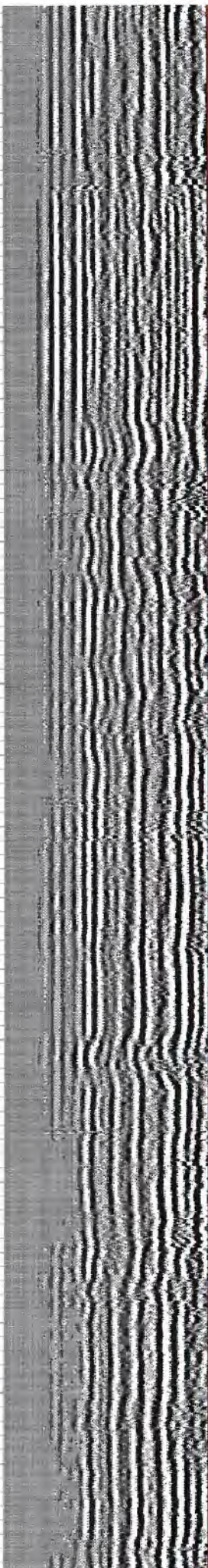
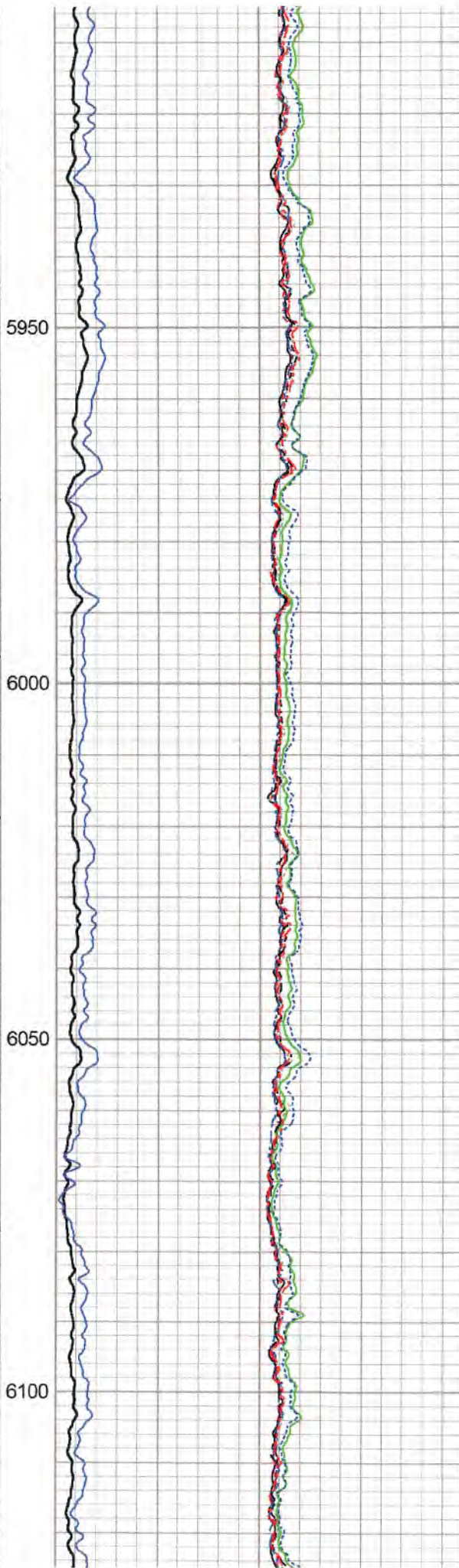
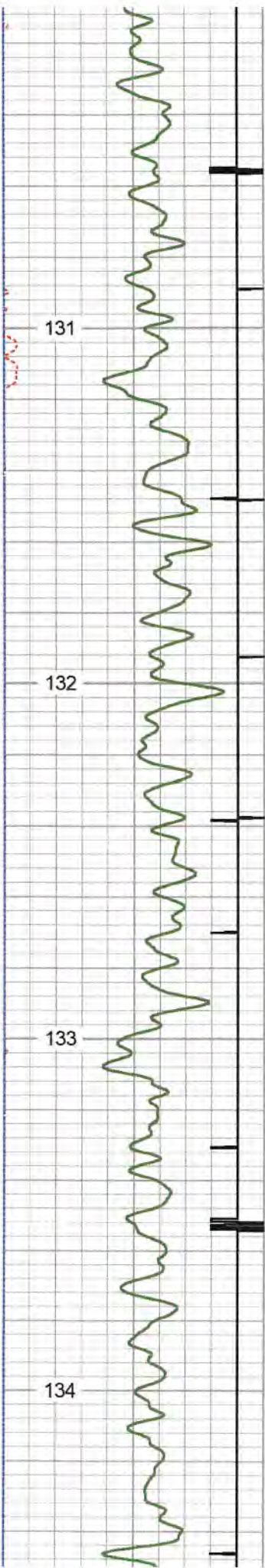
09/15/2023



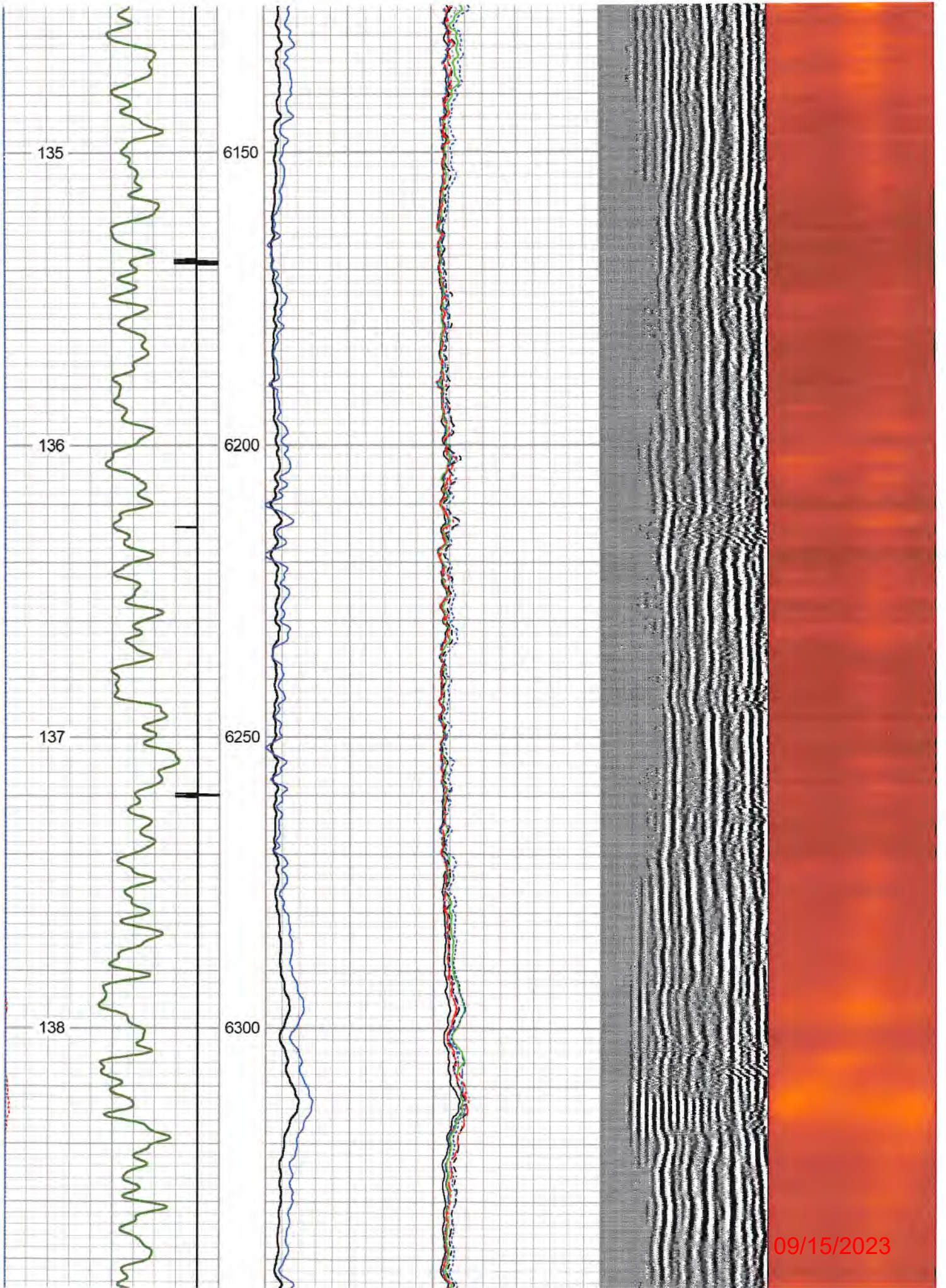
09/15/2023



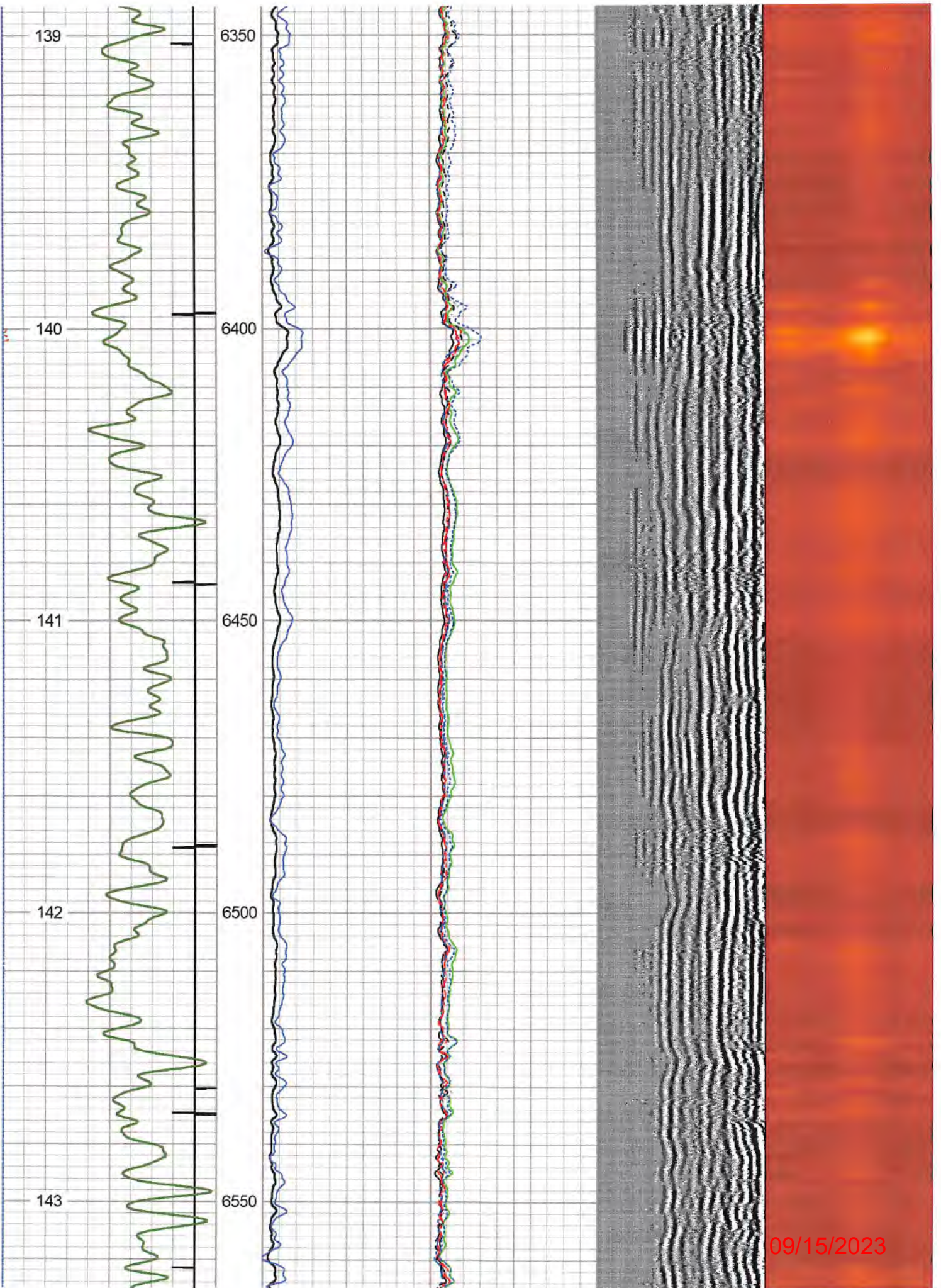
09/15/2023



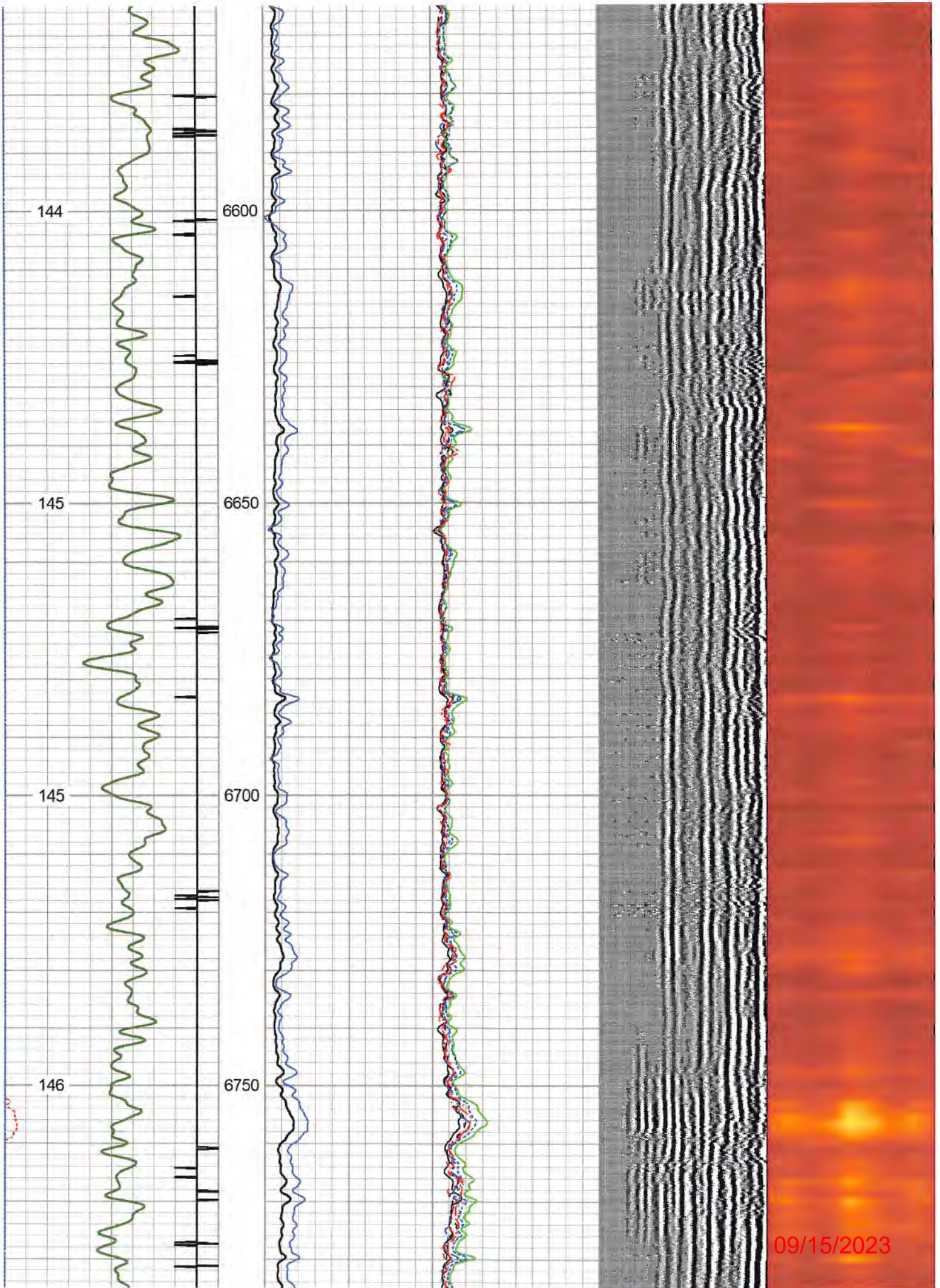
09/15/2023



09/15/2023

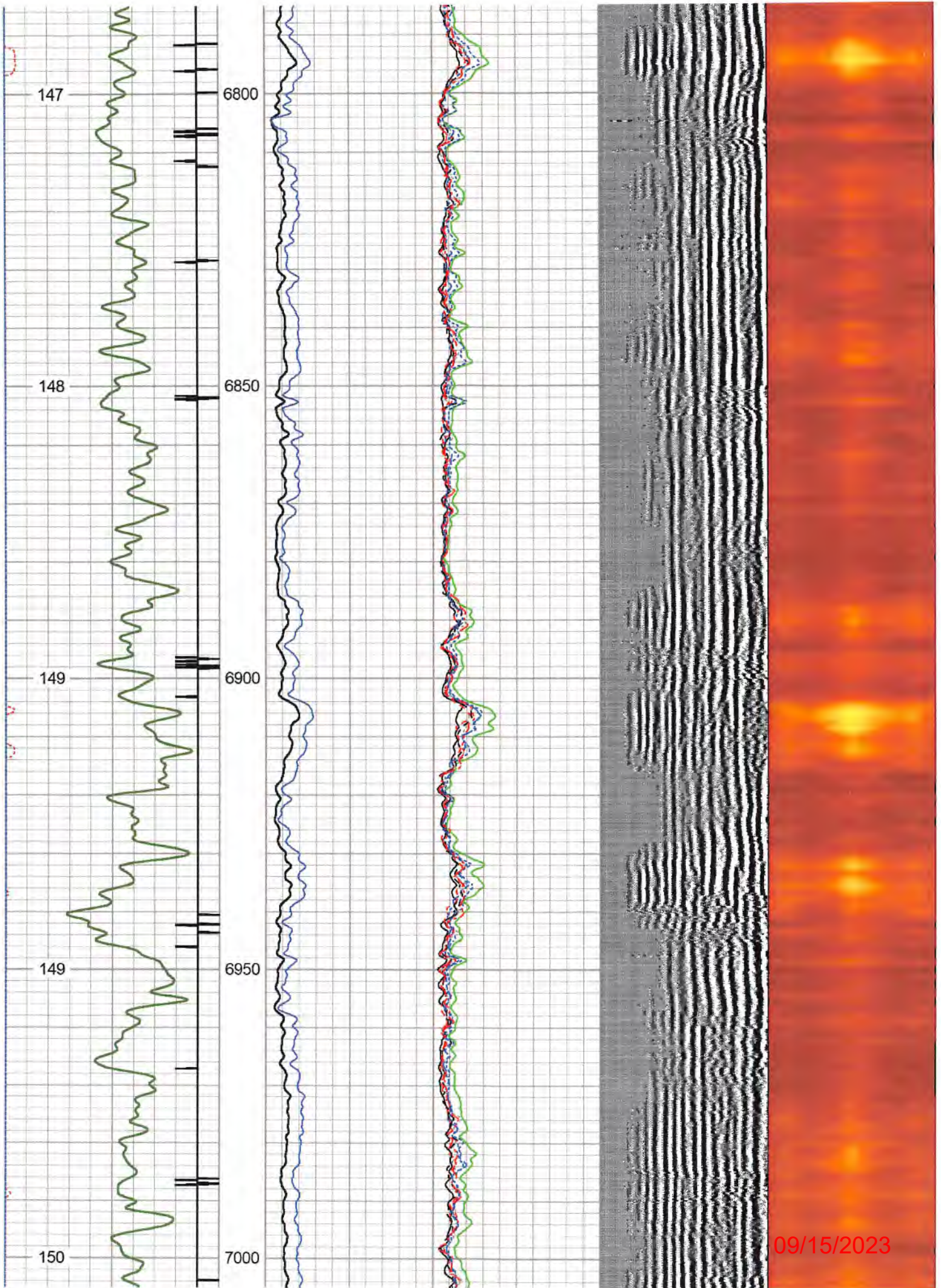


09/15/2023

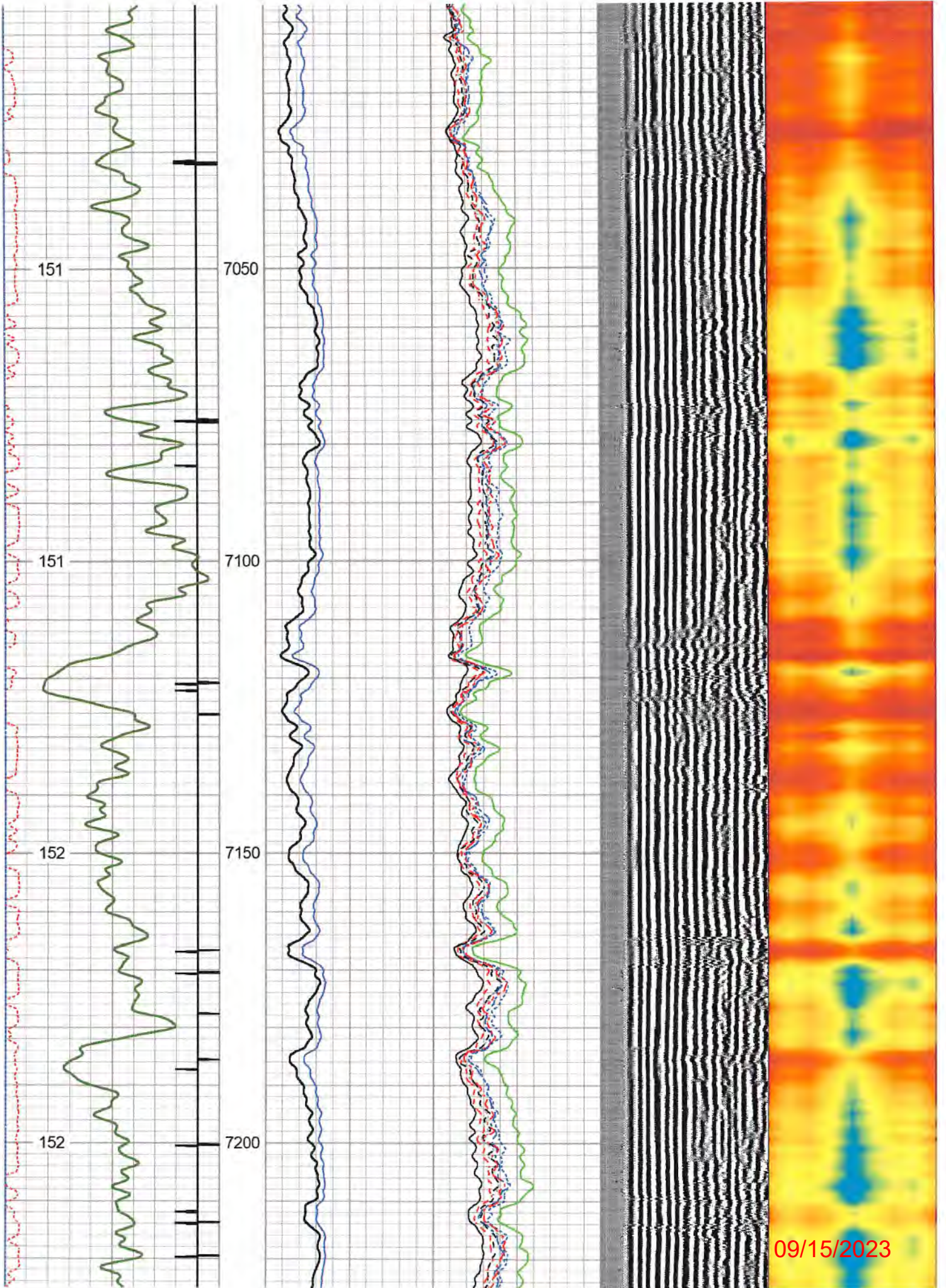


09/15/2023

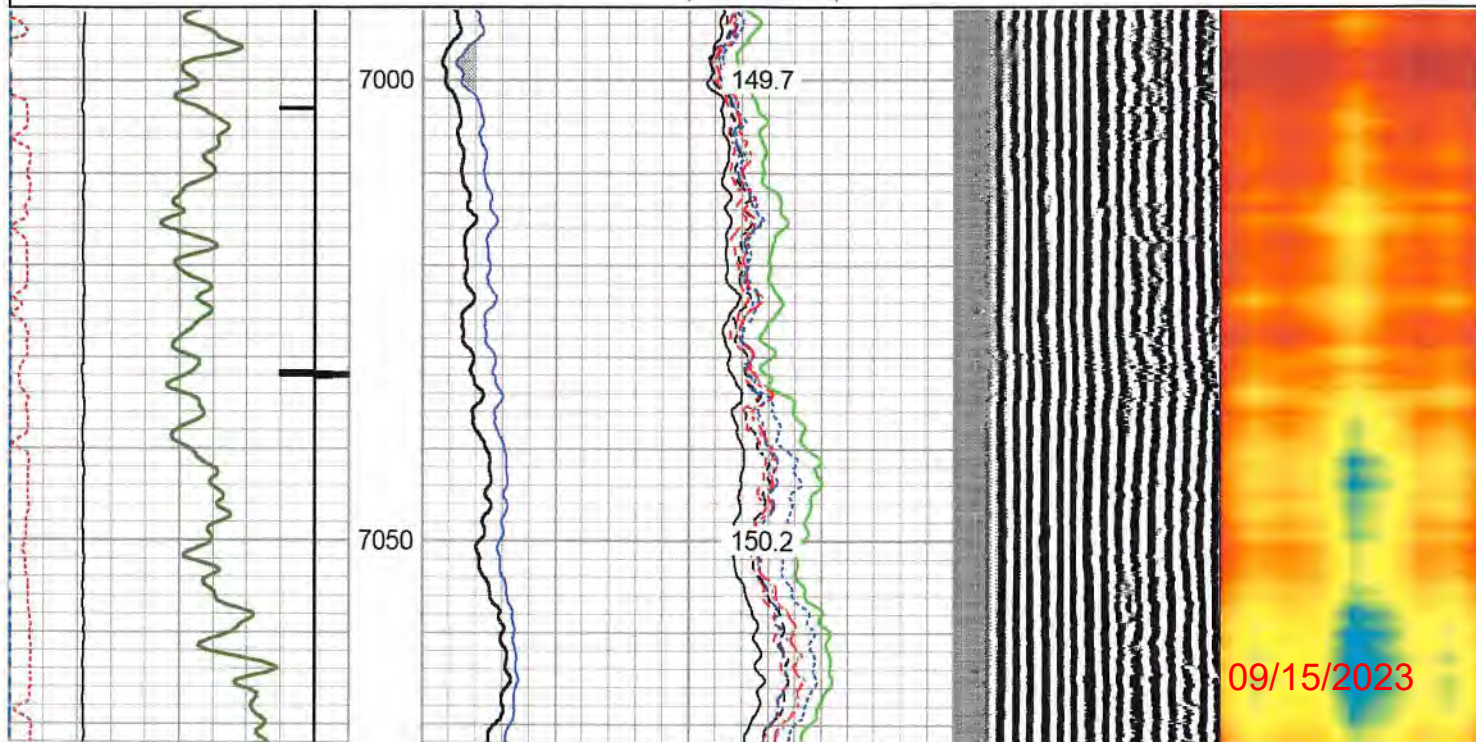
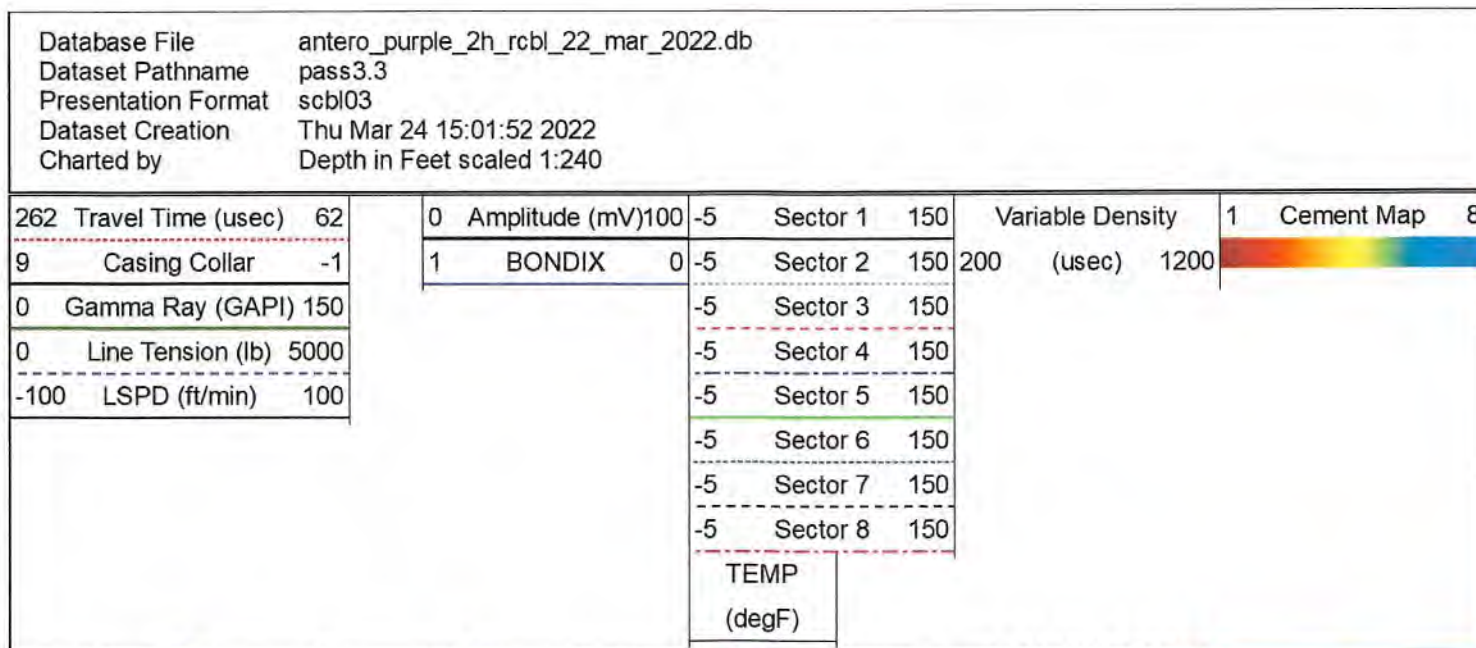
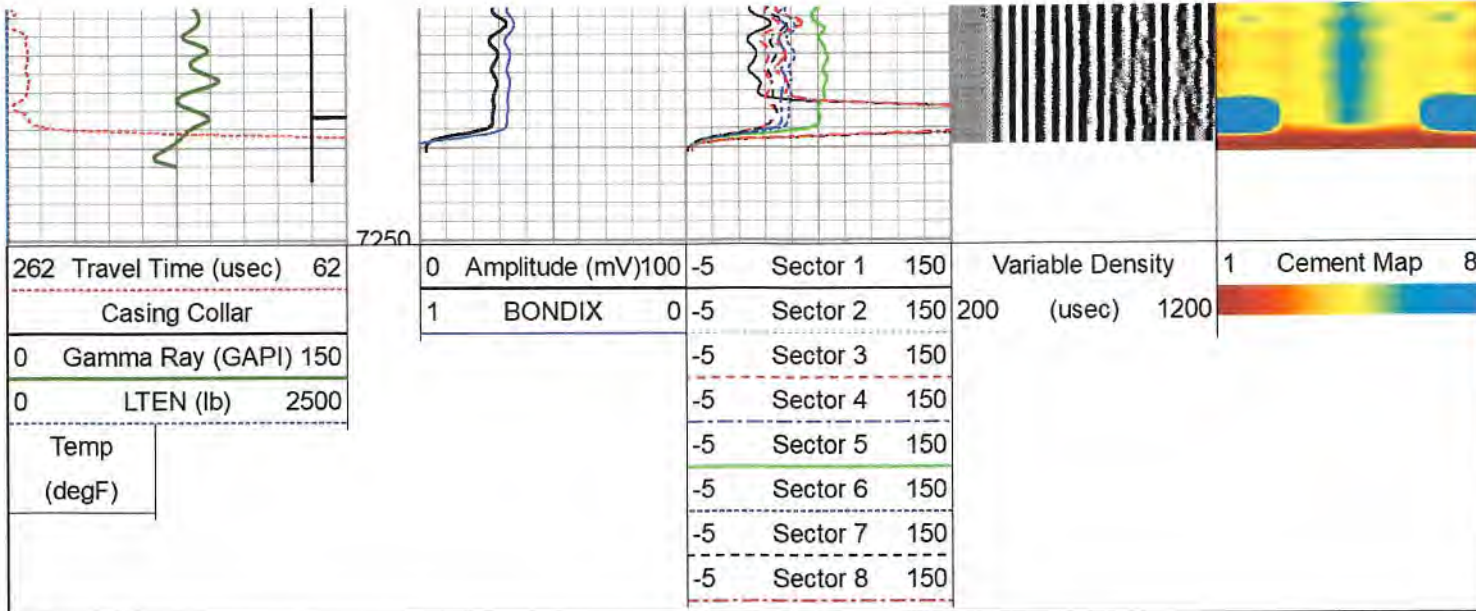


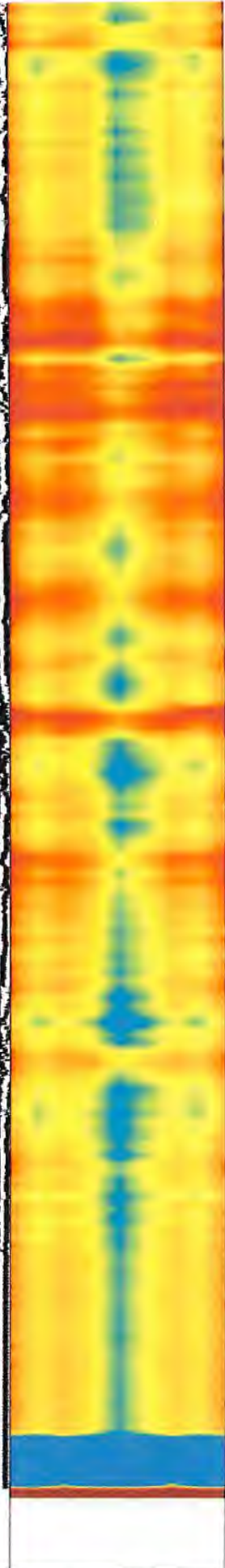
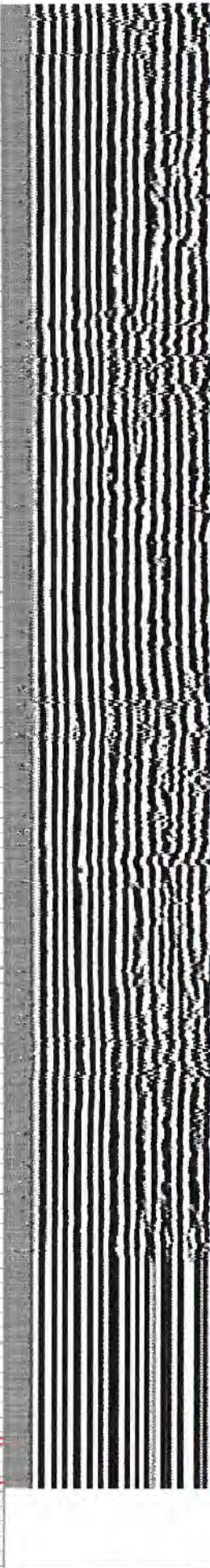
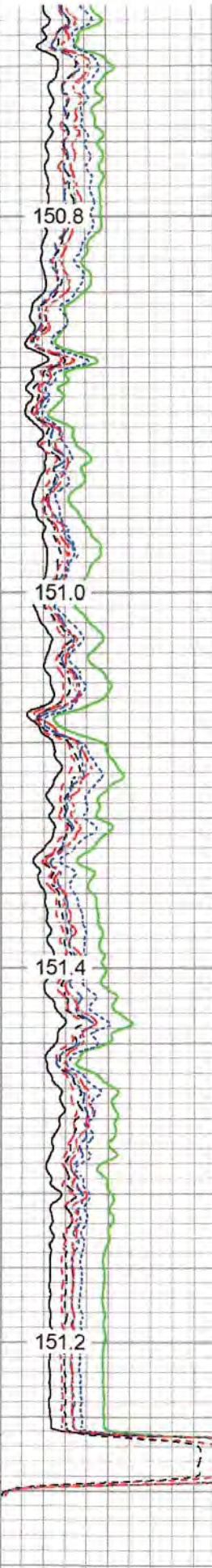
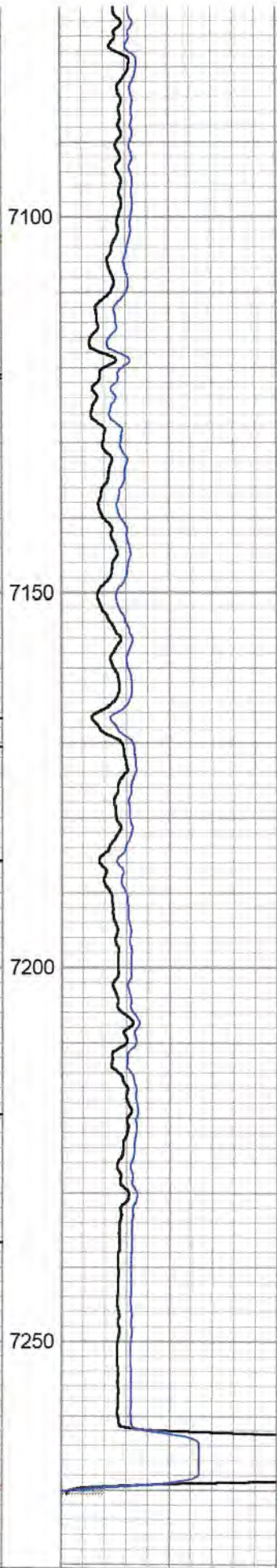
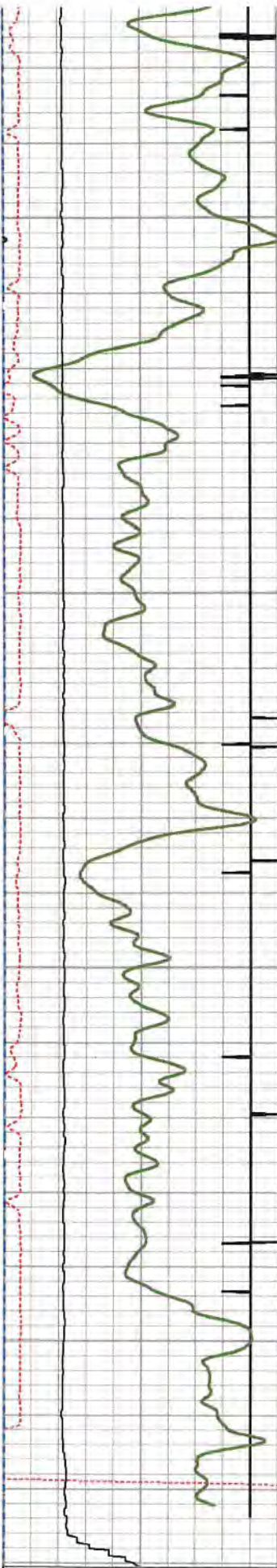


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|     |                    |    |
|-----|--------------------|----|
| 262 | Travel Time (usec) | 62 |
| 9   | Casing Collar      | -1 |

|   |                |     |    |          |     |
|---|----------------|-----|----|----------|-----|
| 0 | Amplitude (mV) | 100 | -5 | Sector 1 | 150 |
| 1 | BONDIX         | 0   | -5 | Sector 2 | 150 |

|     |                  |        |      |
|-----|------------------|--------|------|
| 200 | Variable Density | (usec) | 1200 |
|-----|------------------|--------|------|

|   |            |   |
|---|------------|---|
| 1 | Cement Map | 8 |
|---|------------|---|

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|      |                        |
|------|------------------------|
| 0    | Gamma Ray (GAPI) 150   |
| 0    | Line Tension (lb) 5000 |
| -100 | LSPD (ft/min) 100      |

|        |          |     |
|--------|----------|-----|
| -5     | Sector 3 | 150 |
| -5     | Sector 4 | 150 |
| -5     | Sector 5 | 150 |
| -5     | Sector 6 | 150 |
| -5     | Sector 7 | 150 |
| -5     | Sector 8 | 150 |
| TEMP   |          |     |
| (degF) |          |     |

## Log Variables

DatabaseC:\ProgramData\Warrrior\Data\antero\_purple\_2h\_rcbl\_22\_mar\_2022.db  
Dataset field/well/run1/pass4.2/\_vars\_

### Top - Bottom

|                         |                       |                        |                      |                     |                         |                     |                      |
|-------------------------|-----------------------|------------------------|----------------------|---------------------|-------------------------|---------------------|----------------------|
| BHTEMP_Src<br>TEMP      | BOREID<br>in<br>7.875 | BOTTEMP<br>degF<br>100 | CASEOD<br>in<br>5.5  | CASETHCK<br>in<br>0 | CASEWGHT<br>lb/ft<br>23 | MAXAMPL<br>mV<br>72 | MINAMPL<br>mV<br>3.4 |
| MINATTN<br>db/ft<br>9.6 | PERFS<br>No           | PPT<br>usec<br>0       | SRFTEMP<br>degF<br>0 | TDEPTH<br>ft<br>0   |                         |                     |                      |

### Variable Description

BHTEMP\_Src : BHTEMP Input Source Selector  
BOREID : Borehole I.D.  
BOTTEMP : Bottom Hole Temperature  
CASEOD : Casing O.D.  
CASETHCK : Casing Thickness  
CASEWGHT : Casing Weight  
MAXAMPL : Maximum Amplitude

MINAMPL : Minimum Amplitude  
MINATTN : Minimum Attenuation  
PERFS : Perforation Flag  
PPT : Predicted Pipe Time  
SRFTEMP : Surface Temperature  
TDEPTH : Total Depth

### Calibration Report

Database File antero\_purple\_2h\_rcbl\_22\_mar\_2022.db  
Dataset Pathname pass4.2  
Dataset Creation Thu Mar 24 15:03:07 2022

### Gamma Ray Calibration Report

Serial Number: 275  
Tool Model: Probe  
Performed: Mon Mar 21 14:37:34 2022

Calibrator Value: 100.0 GAPI

Background Reading: 35.0 cps  
Calibrator Reading: 160.0 cps

Sensitivity: 0.7000 GAPI/cps

### Segmented Cement Bond Log Calibration Report

Serial Number: FW1312-32  
Tool Model: Probe275T

Calibration Casing Diameter: 5.500 in  
Calibration Depth: 186.342 ft

Master Calibration, performed Tue Mar 22 07:07:05 2022:

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|     | Raw (v) |       | Calibrated (mv) |         | Results |        |
|-----|---------|-------|-----------------|---------|---------|--------|
|     | Zero    | Cal   | Zero            | Cal     | Gain    | Offset |
| 3'  | 0.011   | 0.887 | 3.400           | 71.921  | 78.288  | 2.515  |
| CAL | 1.109   | 1.507 |                 |         |         |        |
| 5'  | 0.012   | 0.823 | 3.400           | 71.921  | 84.389  | 2.428  |
| SUM |         |       |                 |         |         |        |
| S1  | 0.028   | 0.782 | 0.000           | 100.000 | 132.688 | -3.733 |
| S2  | 0.012   | 0.868 | 0.000           | 100.000 | 116.835 | -1.405 |
| S3  | 0.012   | 0.907 | 0.000           | 100.000 | 111.728 | -1.311 |
| S4  | 0.012   | 0.913 | 0.000           | 100.000 | 110.974 | -1.303 |
| S5  | 0.014   | 0.891 | 0.000           | 100.000 | 113.920 | -1.549 |
| S6  | 0.013   | 0.916 | 0.000           | 100.000 | 110.733 | -1.426 |
| S7  | 0.012   | 0.912 | 0.000           | 100.000 | 111.113 | -1.322 |
| S8  | 0.015   | 0.911 | 0.000           | 100.000 | 111.611 | -1.665 |

Internal Reference Calibration, performed (Not Performed):

|     | Raw (v) |       | Calibrated (v) |       | Results |        |
|-----|---------|-------|----------------|-------|---------|--------|
|     | Zero    | Cal   | Zero           | Cal   | Gain    | Offset |
| CAL | 0.000   | 0.000 | 1.109          | 1.507 | 1.000   | 0.000  |

Air Zero Calibration, performed Mon Mar 21 15:14:33 2022:

|     | 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) |
|--------|-------------|---|--|-------------|-----------|-------------|
|        |             |  | CHD-Titan<br>Titan 1 7/16" GO Cablehead                | 1.00        | 1.44      | 5.00        |
|        |             |   | CENT-Titn275Adj<br>Titan 2 3/4" Adjustable Centralizer | 2.86        | 2.75      | 35.00       |
| Temp   | 14.10       |   |  |             |           |             |

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|  |       |   |   |      |       |       |
|--|-------|---|---|------|-------|-------|
| WVFS8  | 11.86 |   | RBT-Probe275T (FW1312-32)<br>Probe 2.75" Radial with Integral Temperature Sub | 9.39 | 2.75  | 90.00 |
| WVFS7  | 11.86 |   |   |      |       |       |
| WVFS6  | 11.86 |   |   |      |       |       |
| WVFS5  | 11.86 |   |   |      |       |       |
| WVFS4  | 11.86 |   |   |      |       |       |
| WVFS3  | 11.86 |   |   |      |       |       |
| WVFS2  | 11.86 |   |   |      |       |       |
| WVFS1  | 11.86 |   |   |      |       |       |
| WVF3FT   | 11.86 |   |   |      |       |       |
| WVF5FT   | 10.86 |   |   |      |       |       |
| HeadVolt   | 7.61  |   |   |      |       |       |
| WVFCAL   | 7.61  |   |   |      |       |       |
| CCL  | 6.71  |   |   |      |       |       |
| GR   | 5.38  |   | GR-Probe (275)<br>Probe 2 3/4" Logging Gamma Ray                              | 4.78 | 2.75  | 57.00 |
|  |       | CENT-PTS275<br>2 3/4" Probe Centralizer | 2.83  | 2.75 | 20.00 |       |
| Dataset: antero_purple_2h_rcbl_22_mar_2022.db: field/well/run1/pass4.2<br>Total length: 20.87 ft<br>Total weight: 207.00 lb<br>O.D.: 2.75 in |       |   |   |      |       |       |