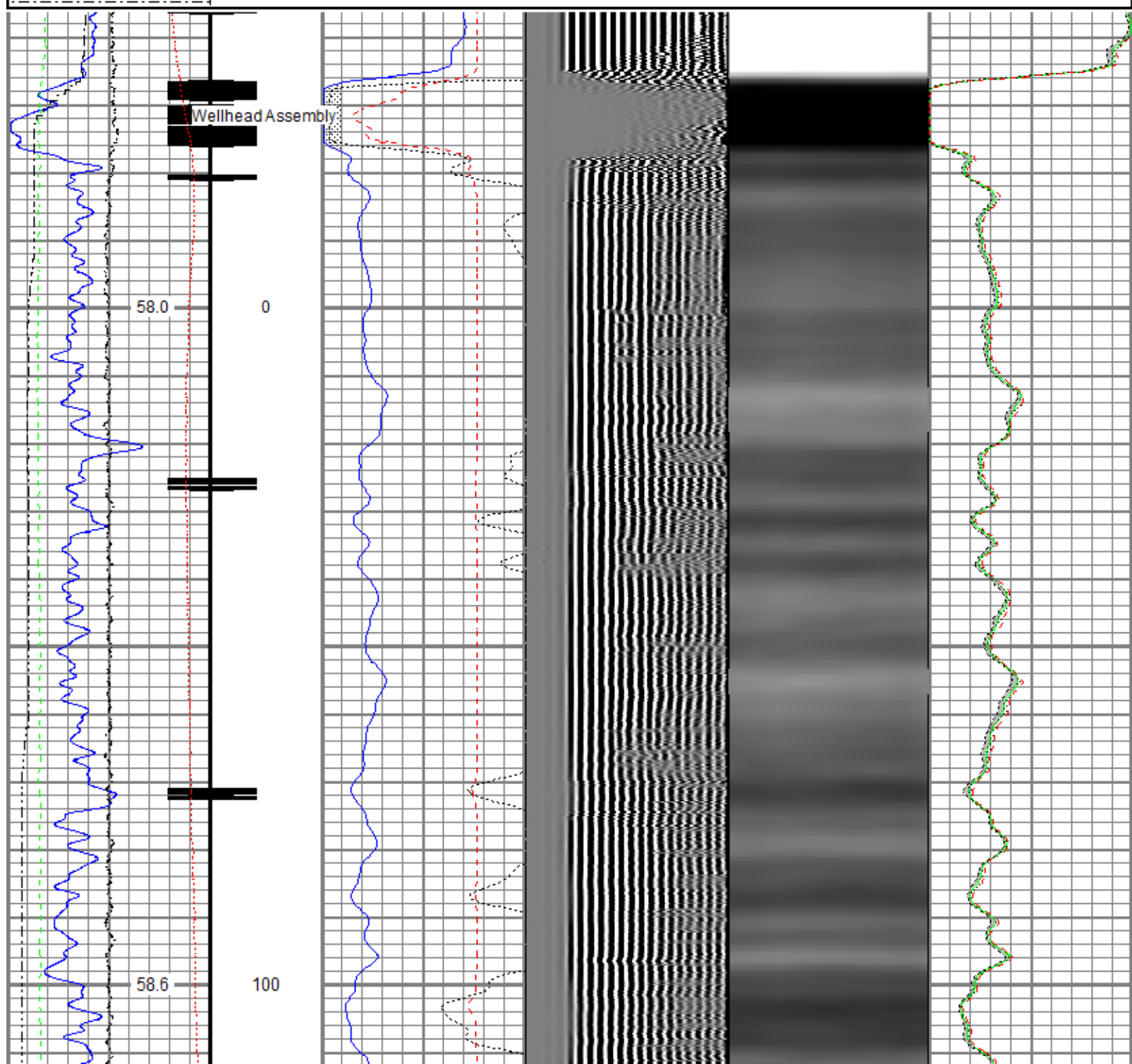


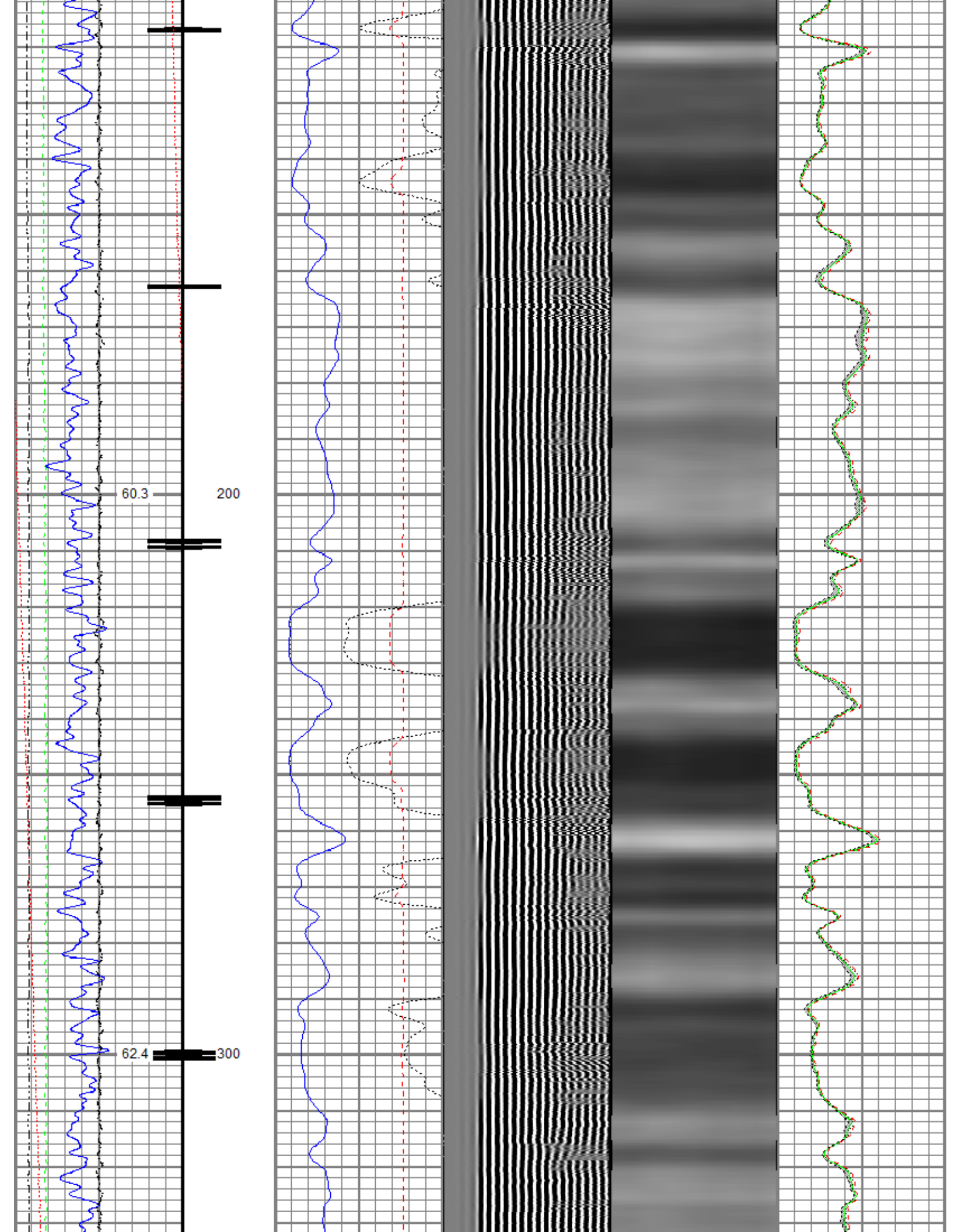


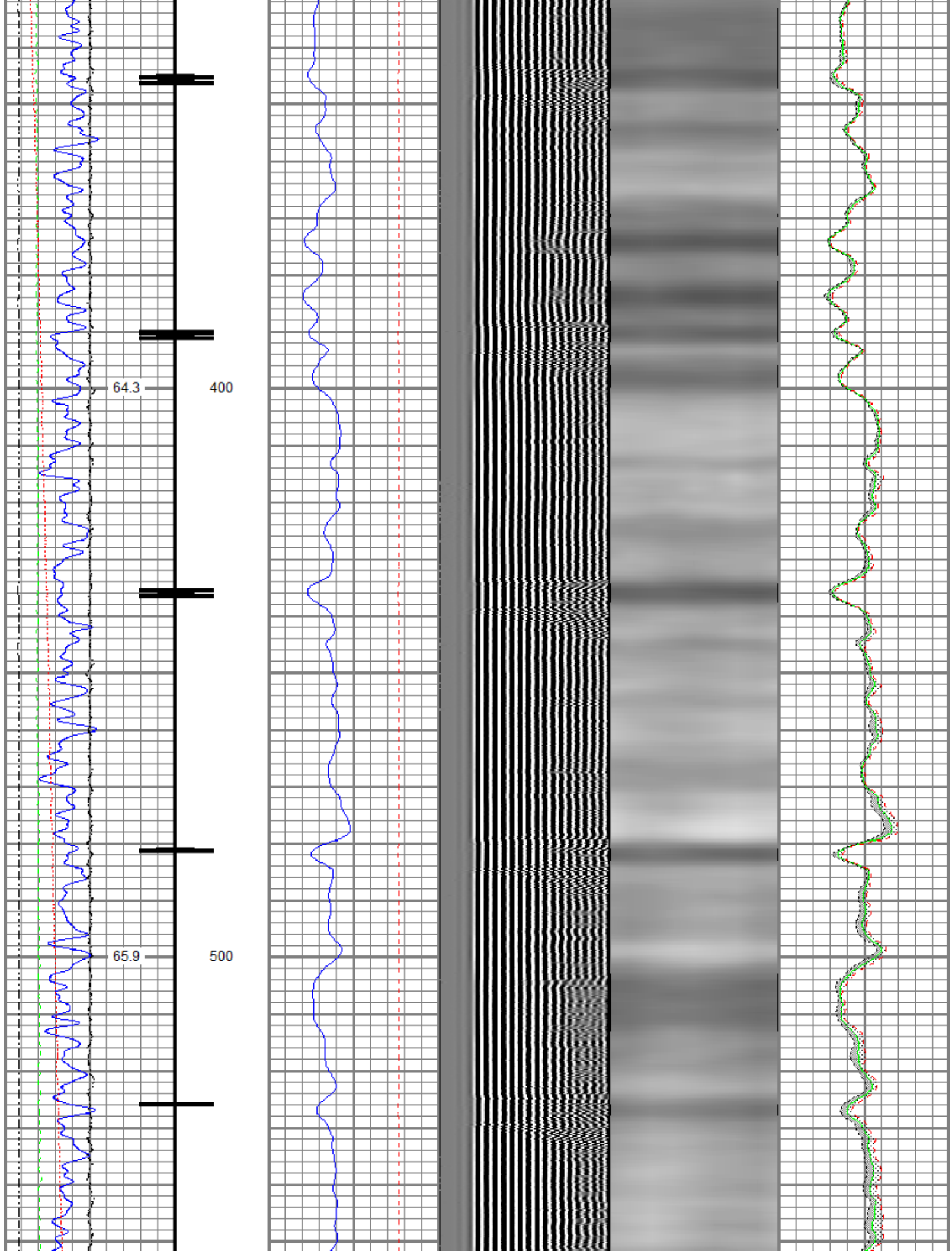
| |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <<< Fold Here >>> |
| 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 |
| Log ran as per customer request Depth referenced to Casing Tally reported Marker Joint at 7170 FT Adjusted +2 FT to correlate with Marker Joint Gauge Ring/Junk Basket ran to 7510 FT with no debris Log ran from 7296 FT to surface Log ran with 2500 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations Thank you for choosing Reliance Oilfield Services, LLC!! |

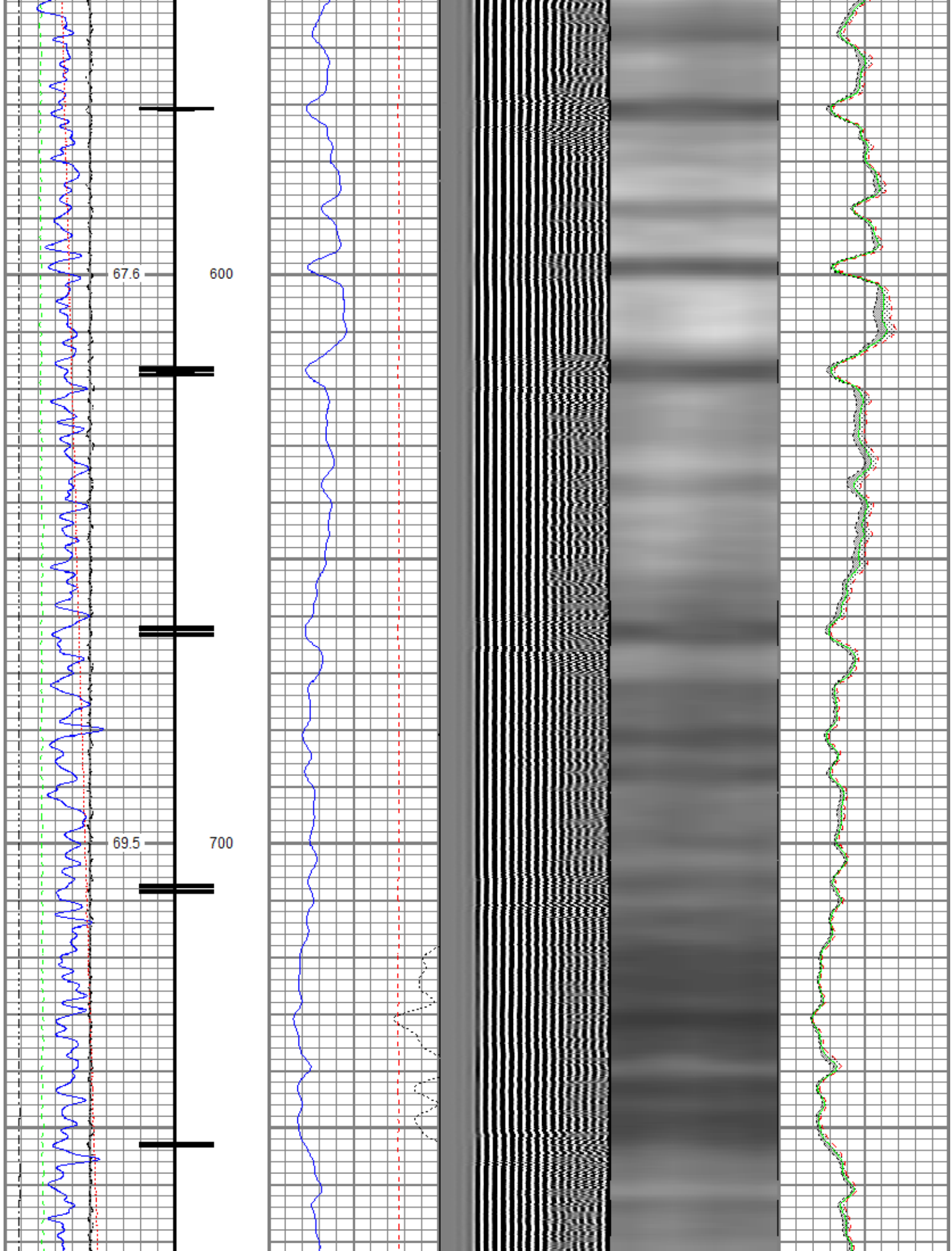
Database File src\src energy_troutd 1n-23b-m_rbl_09-30-18\src energy_troutd 1n-23b-m_rbl_09-30-18.db
 Dataset Pathname main
 Presentation Format ros_radrii
 Dataset Creation Sun Sep 30 09:50:42 2018
 Charted by Depth in Feet scaled 1:240

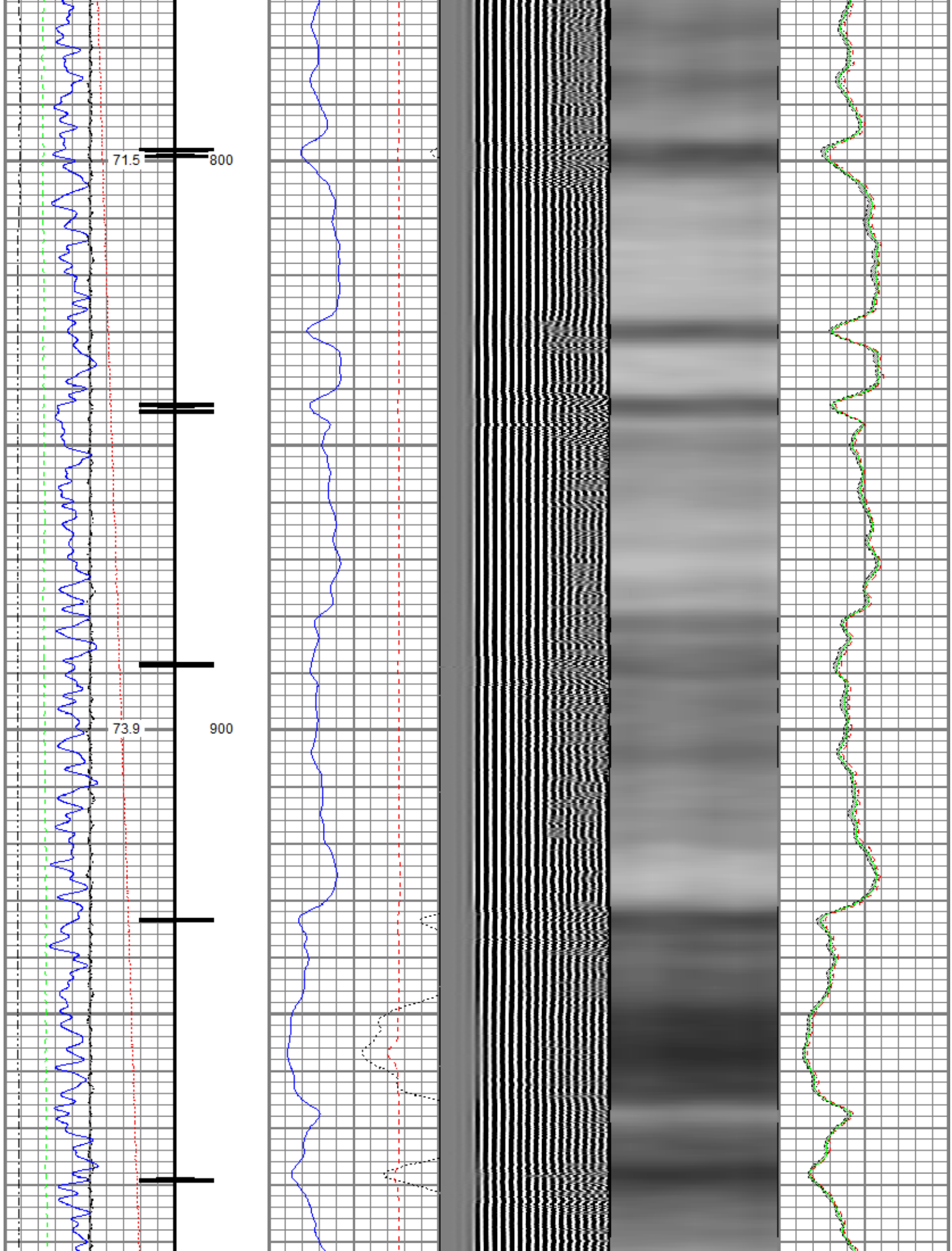
| | | | | | | |
|--------------------------|-----|-----------------------|-------------------------|------------|---|-----------------------|
| Gamma Ray | 0 | 3' Amplitude (mV) 100 | 5' Variable Density Log | Sector Map | 0 | Average Amplitude 100 |
| (GAPI) 120 | | 3' Amplitude x 5 | 200 | | | Minimum Amplitude |
| Casing Collar Locator | 0 | (mV) 20 | | | 0 | 100 |
| Temperature (degF) 20 | | 3' Travel Time | | | | Maximum Amplitude |
| Line Speed | 650 | (usec) 150 | | | 0 | 100 |
| (ft/min) 150 | | | | | | |
| Line Tension (lb) 2000 | | | | | | |
| Differential Temperature | | | | | | |
| (degF) 2 | | | | | | |

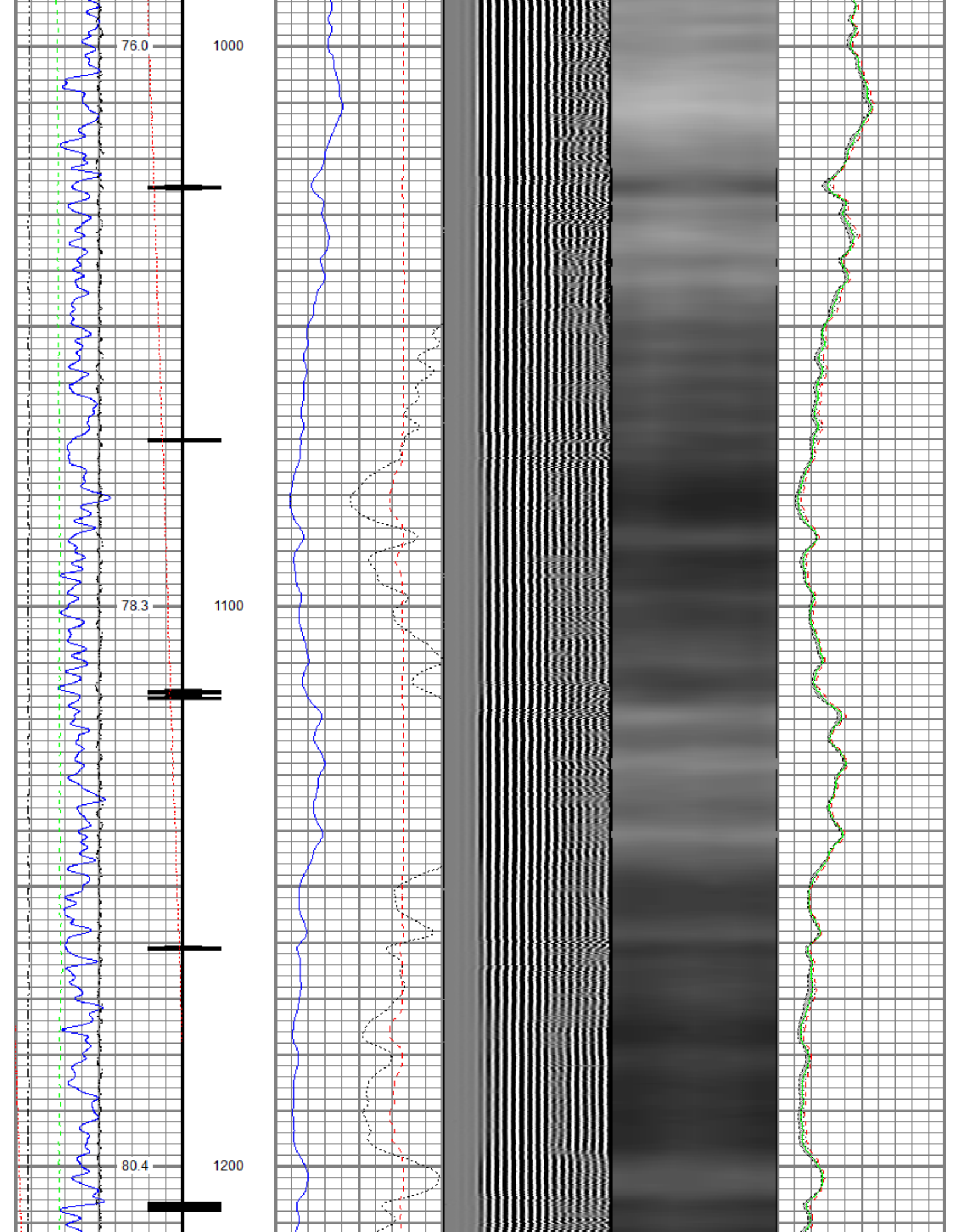


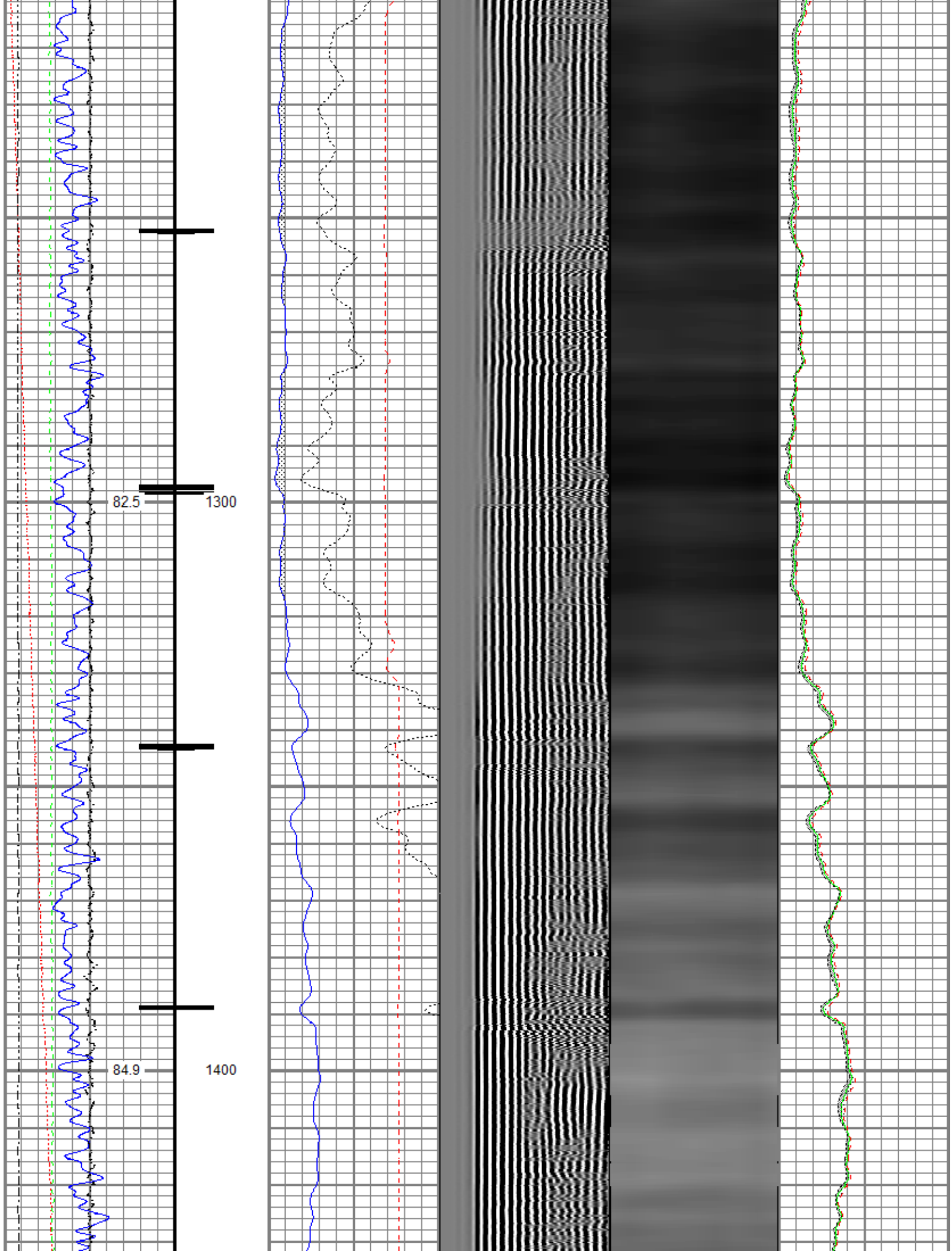


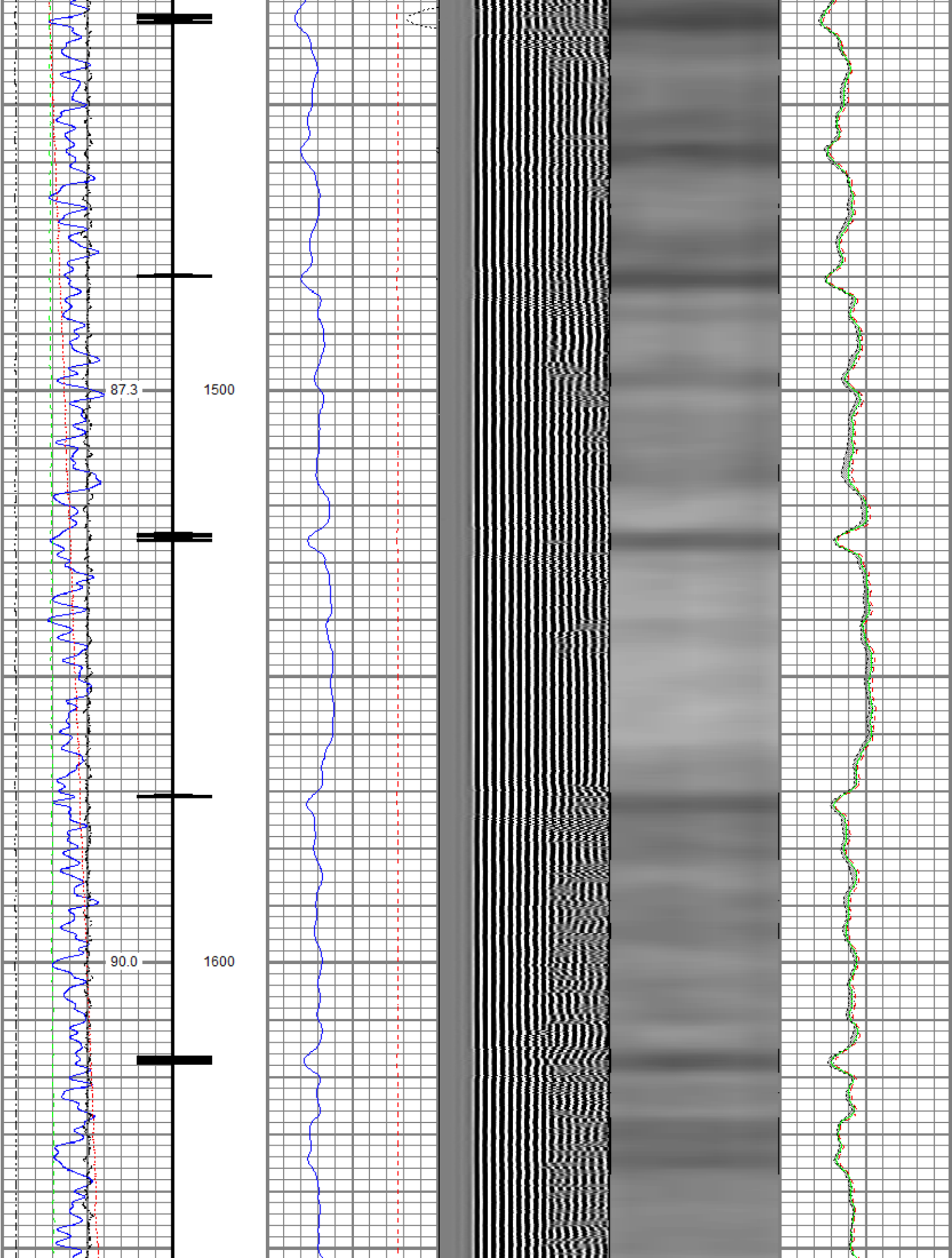


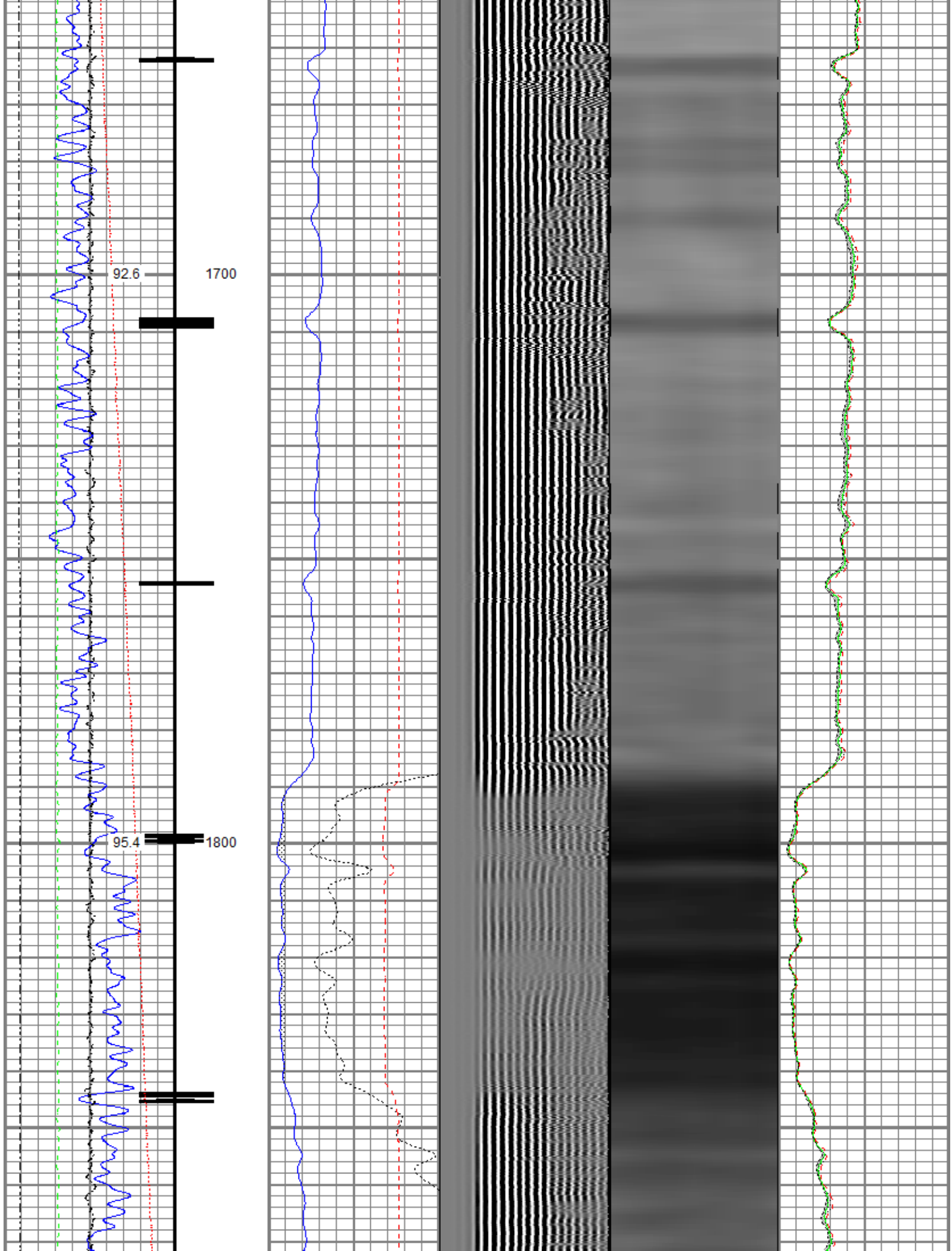


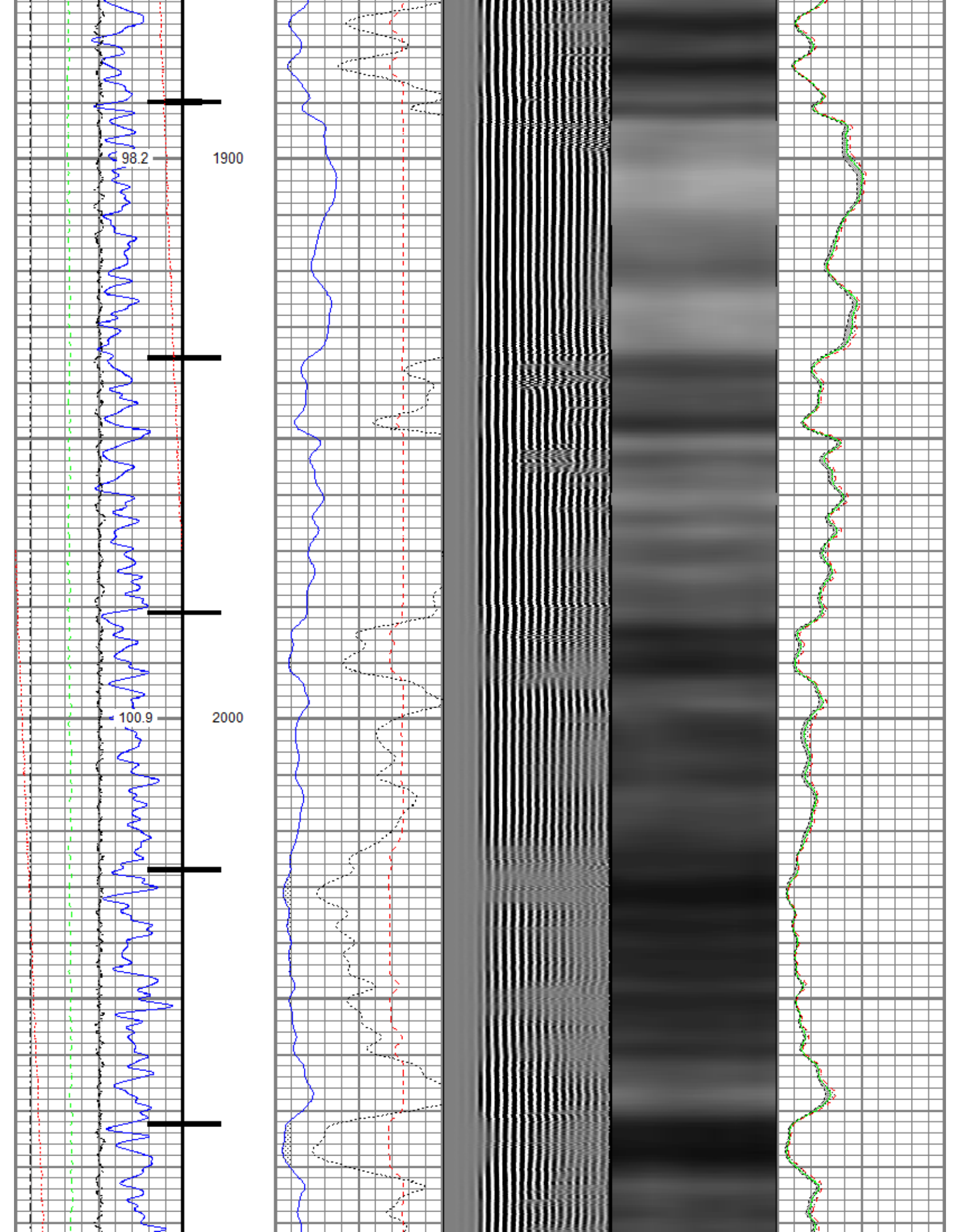


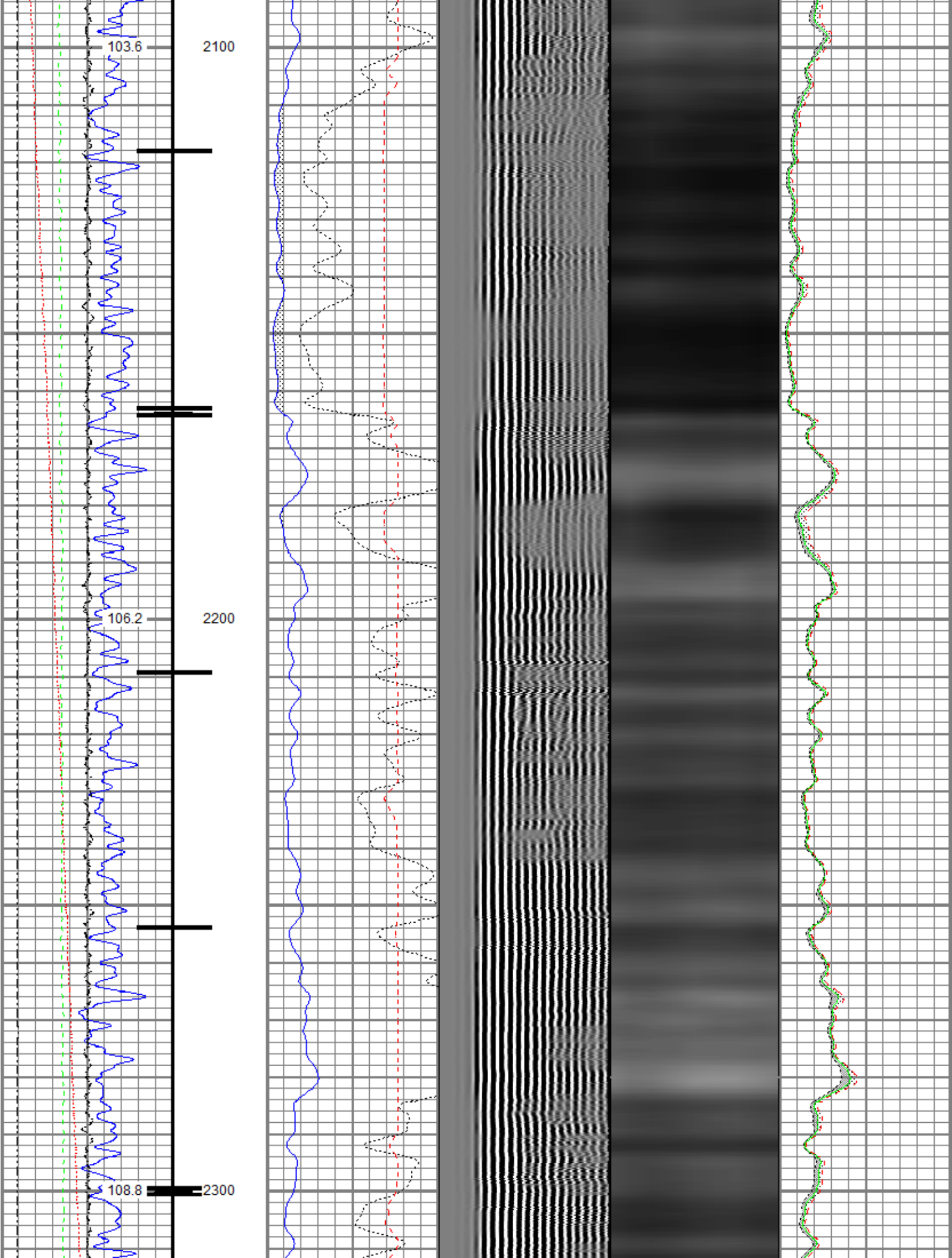


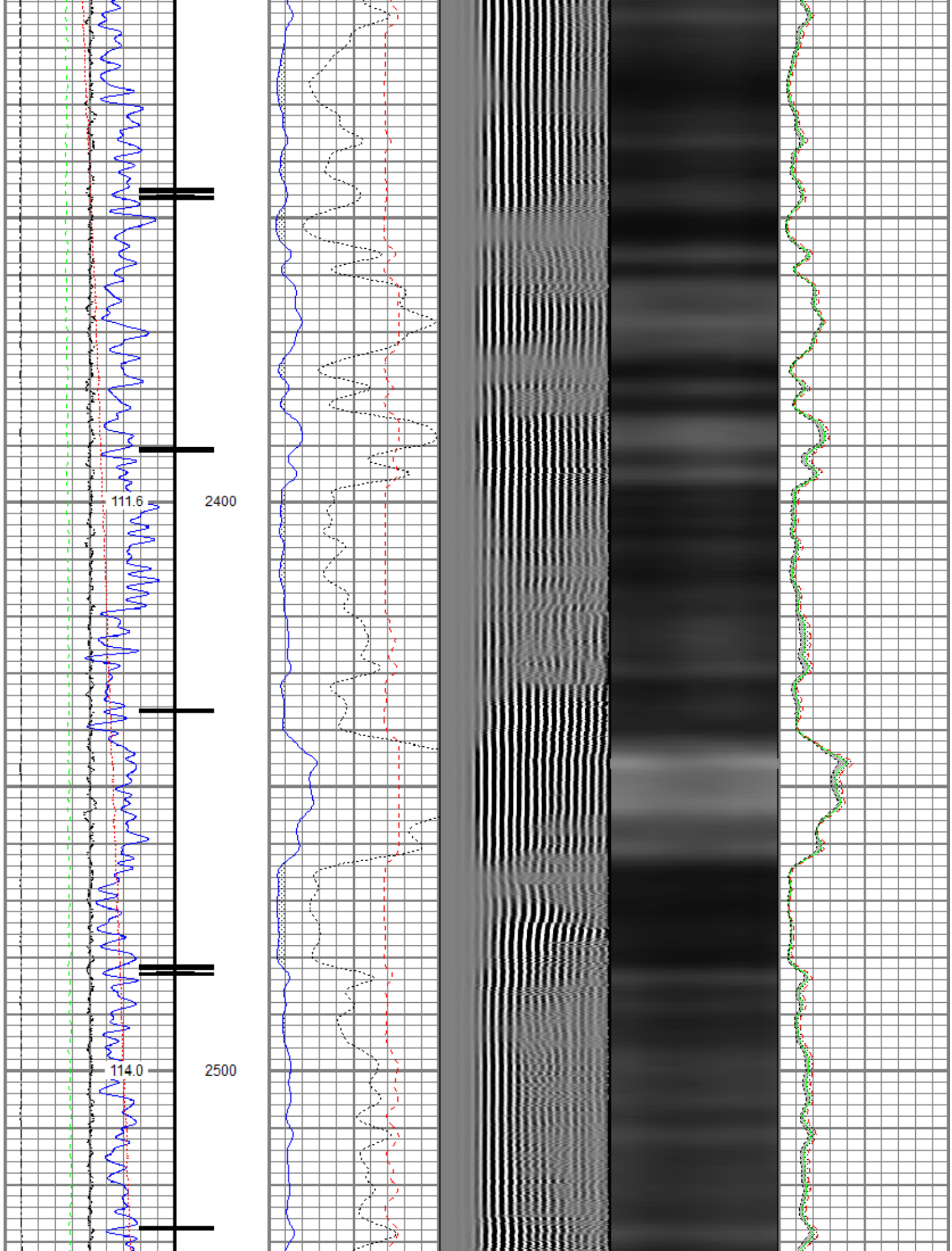


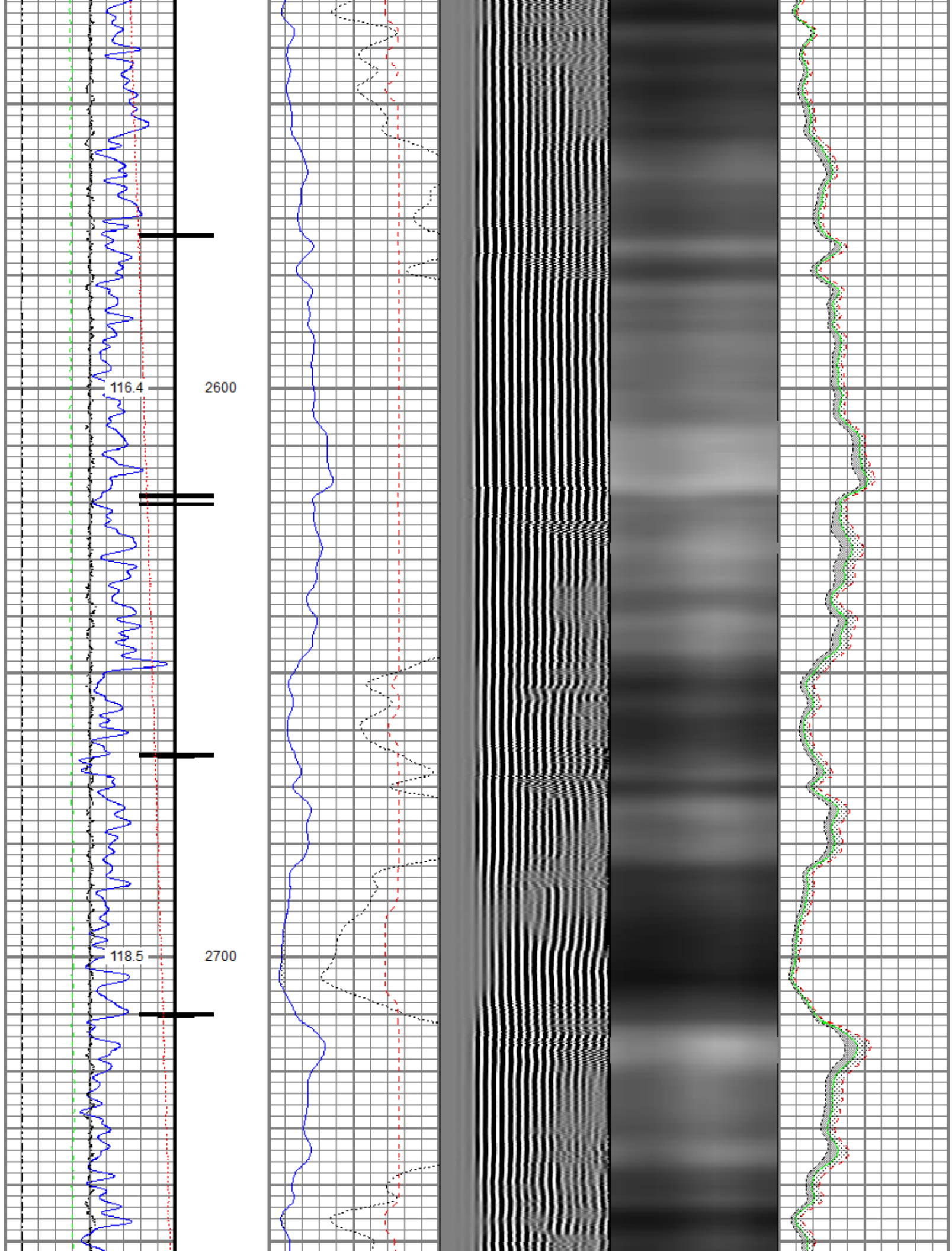


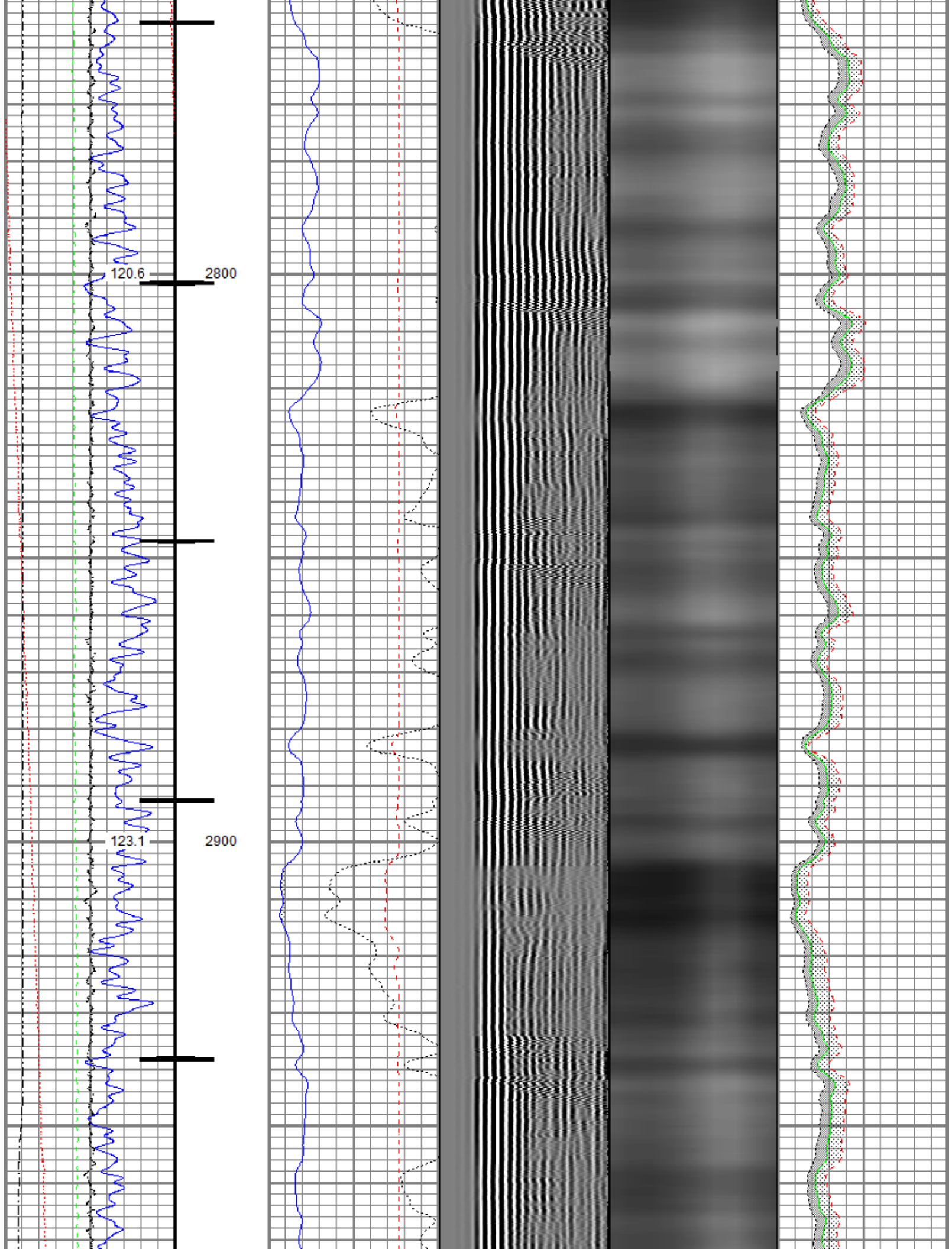


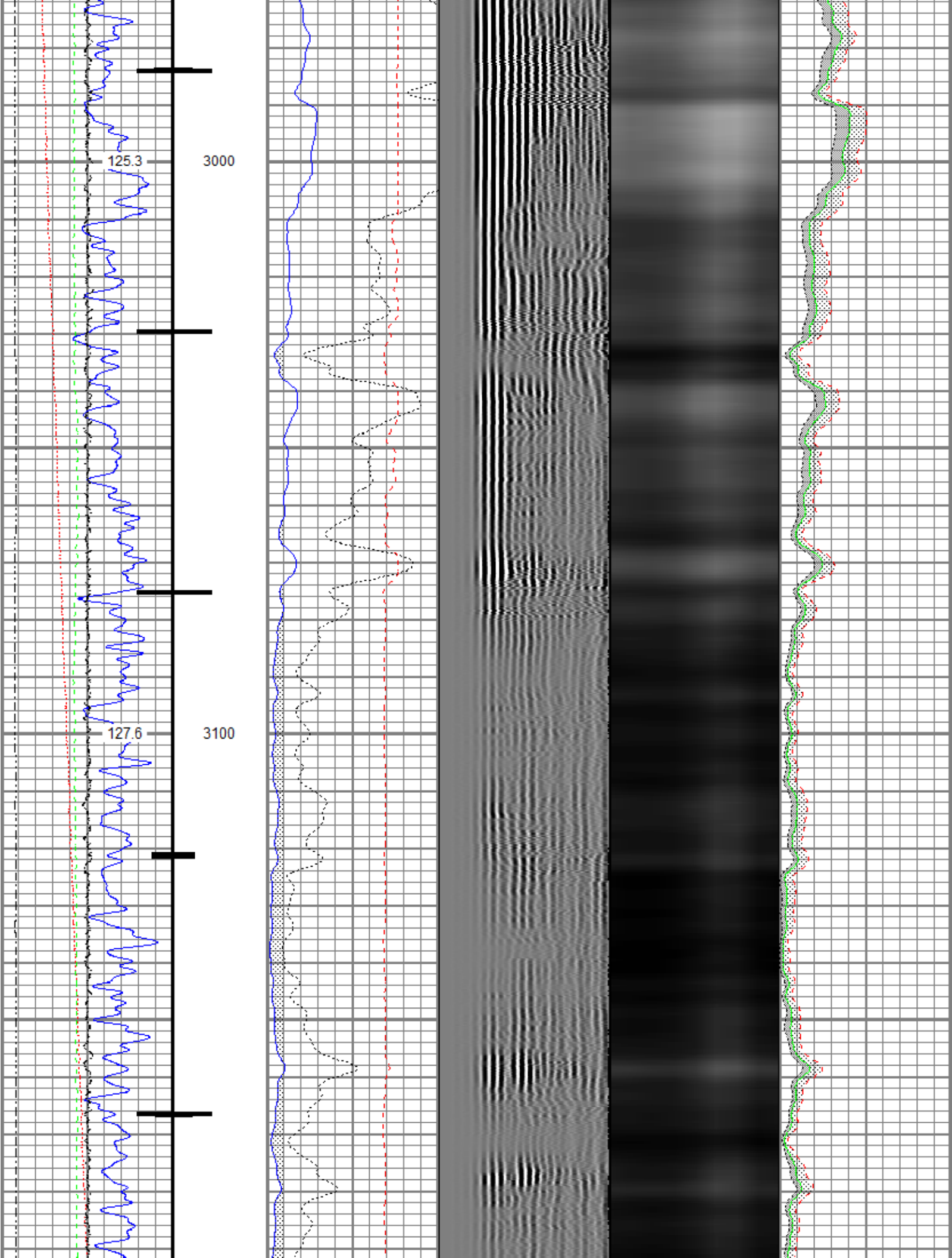


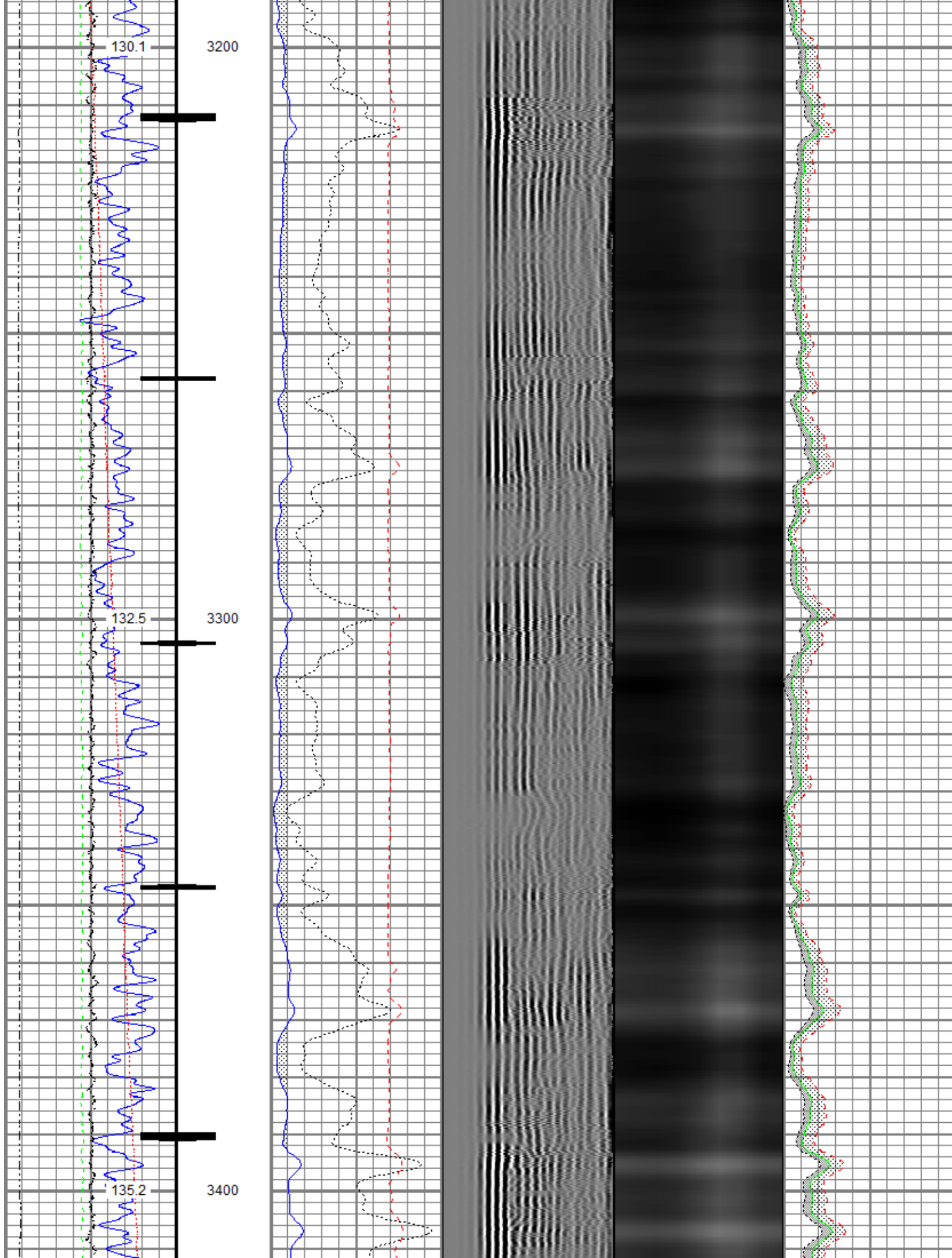


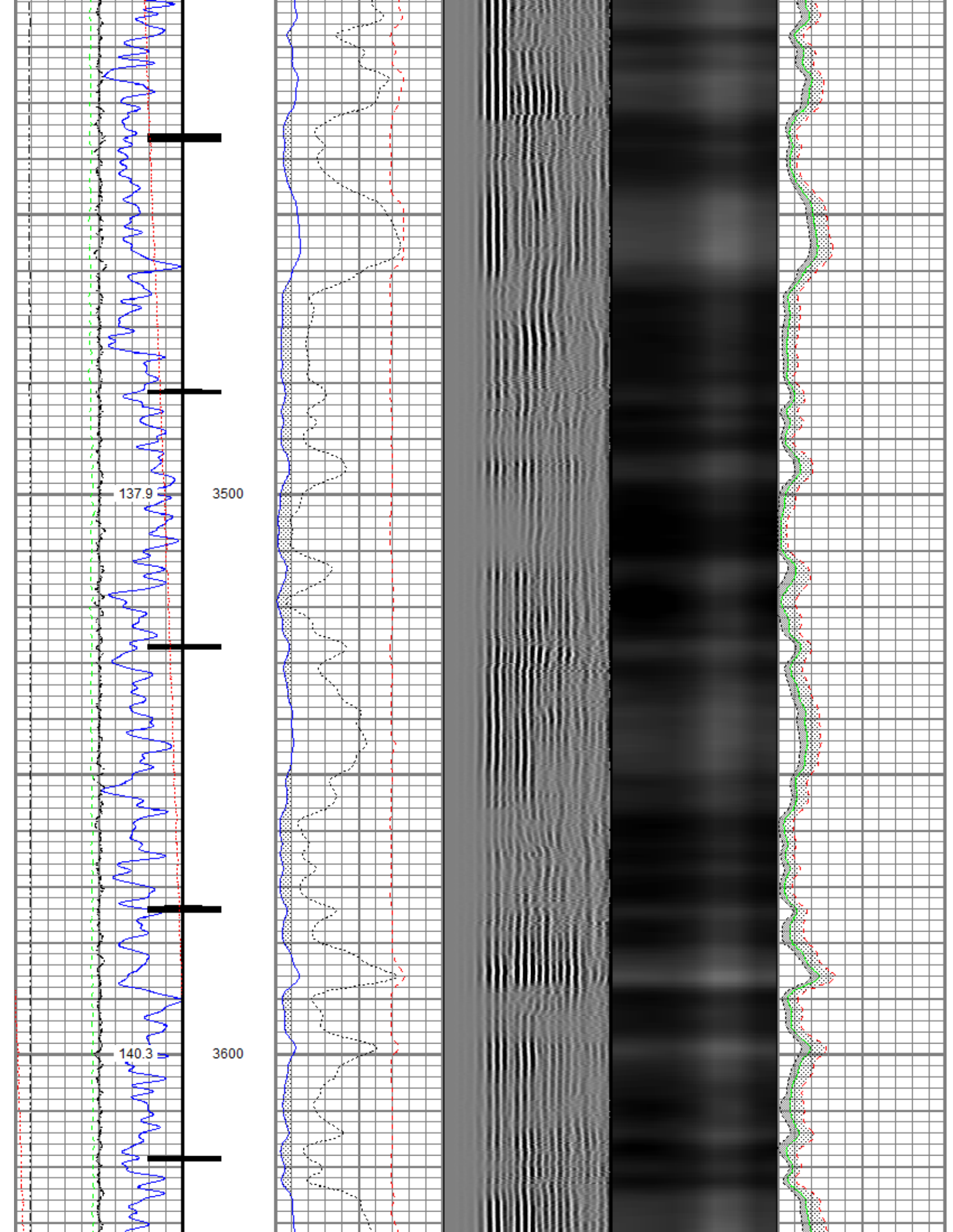


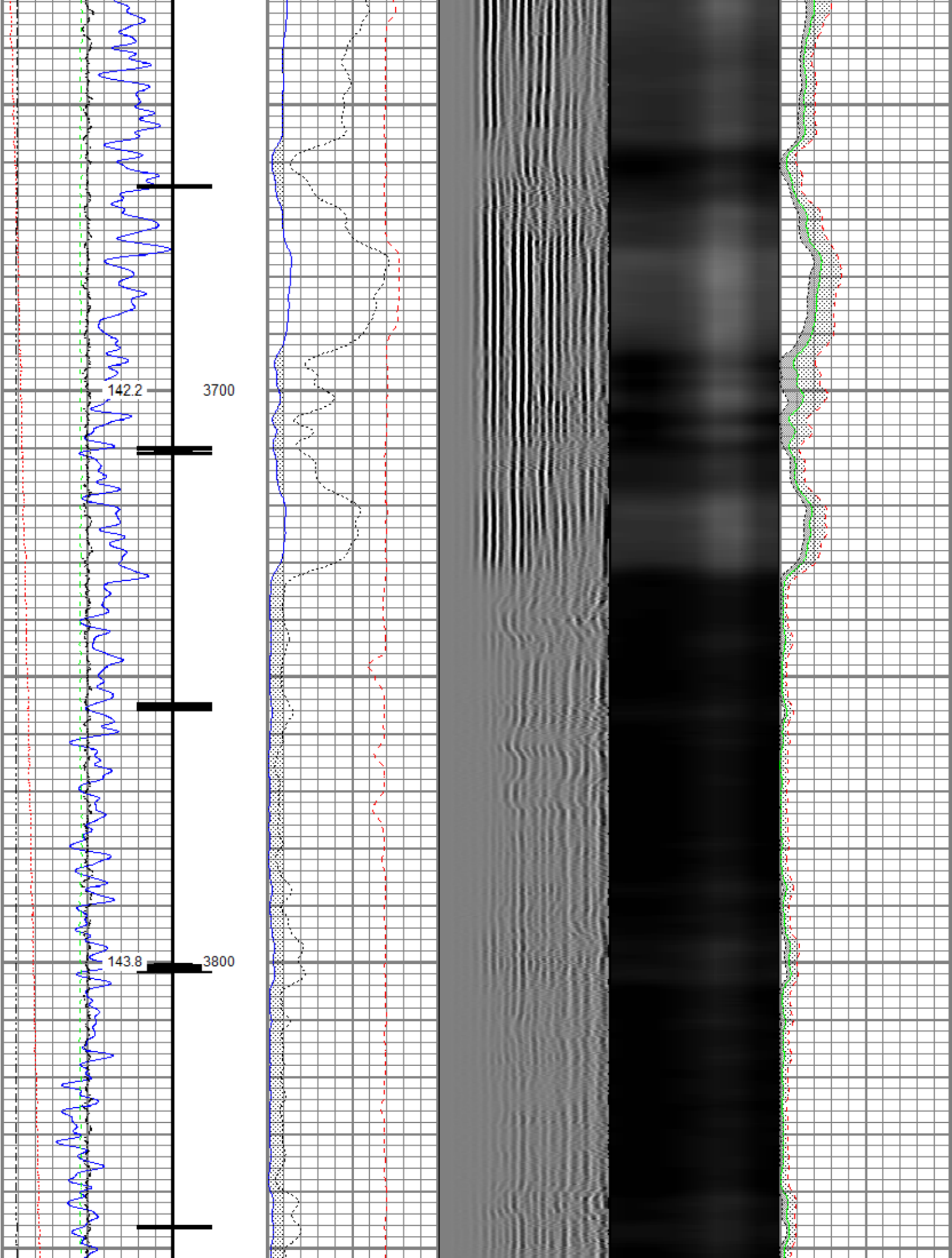


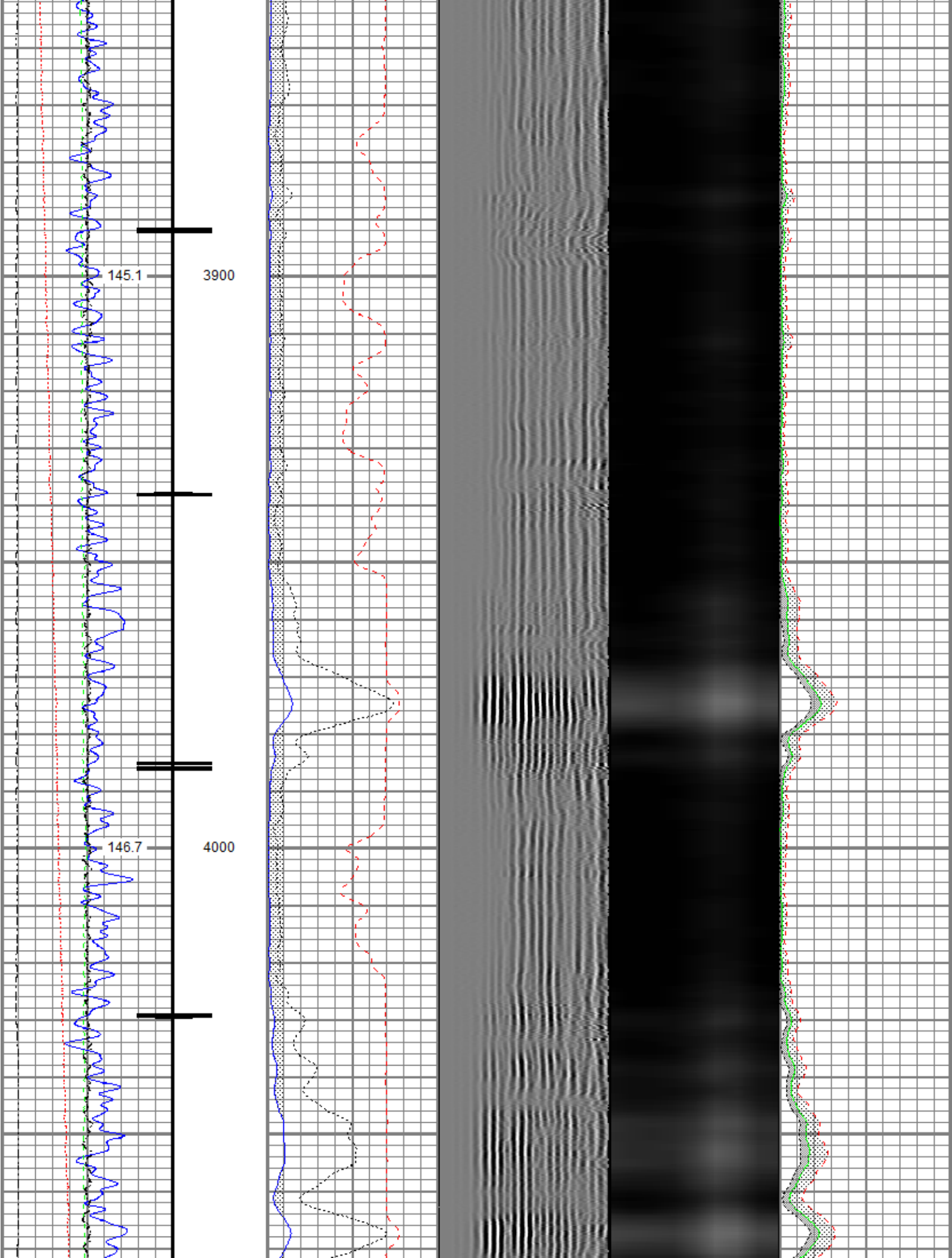


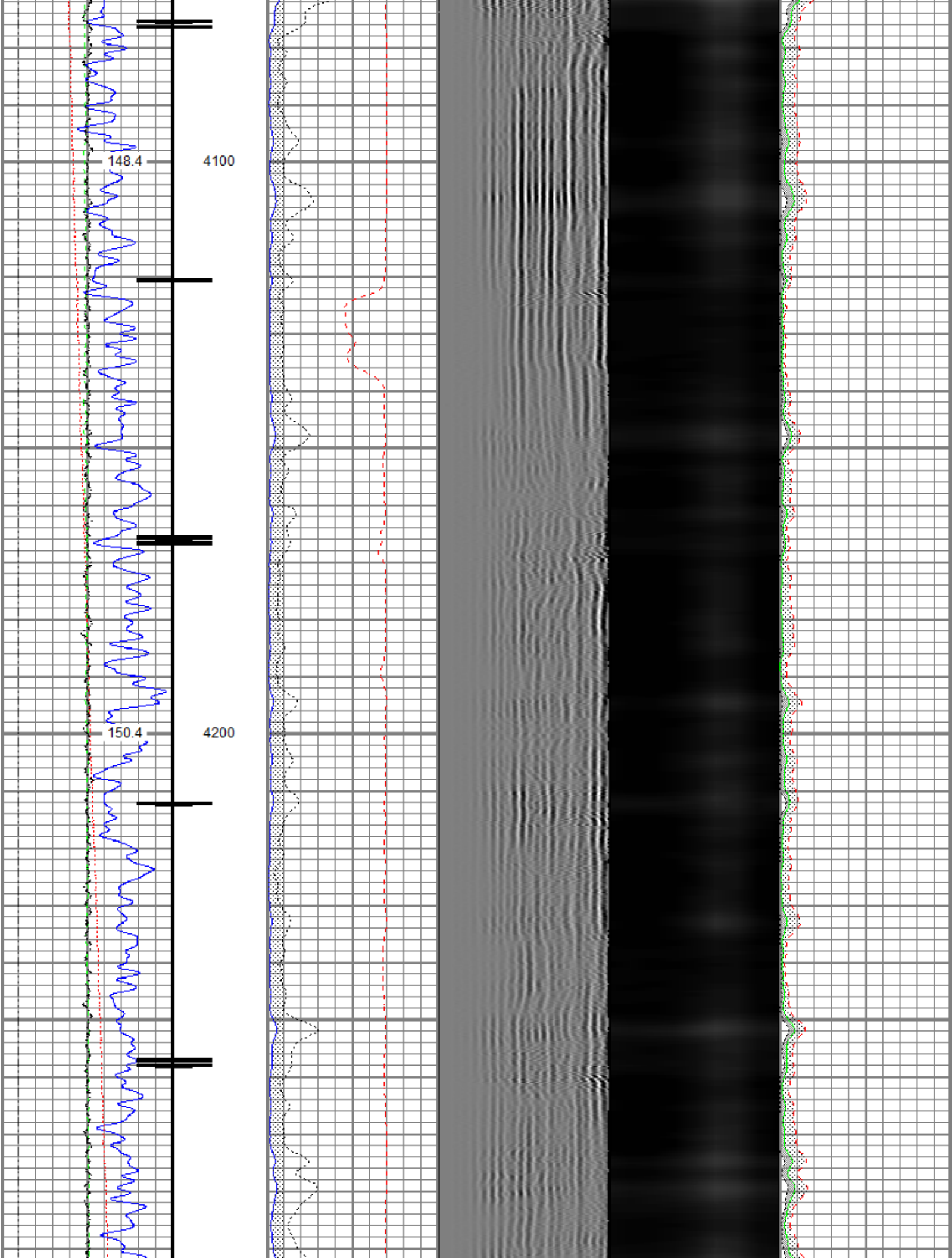


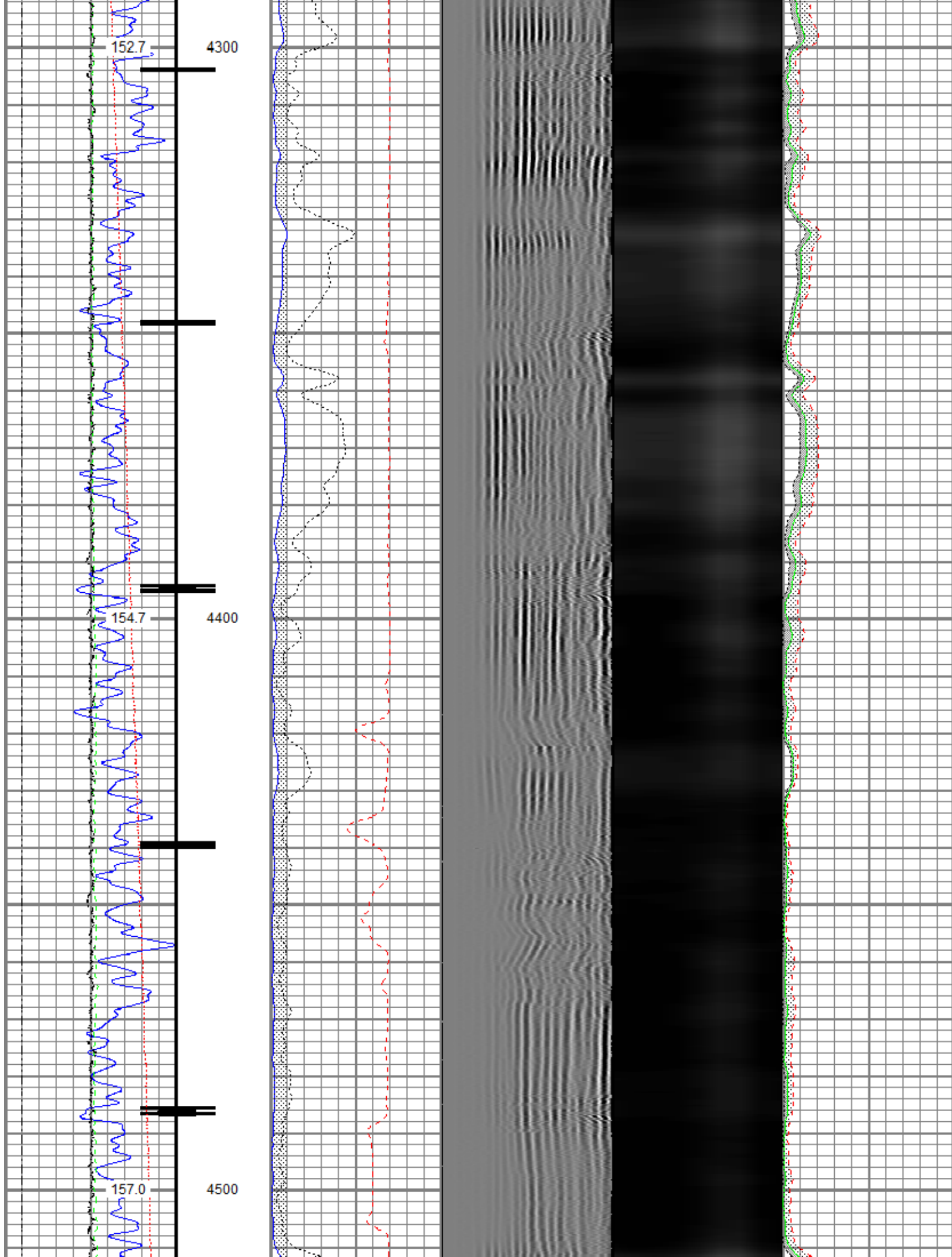


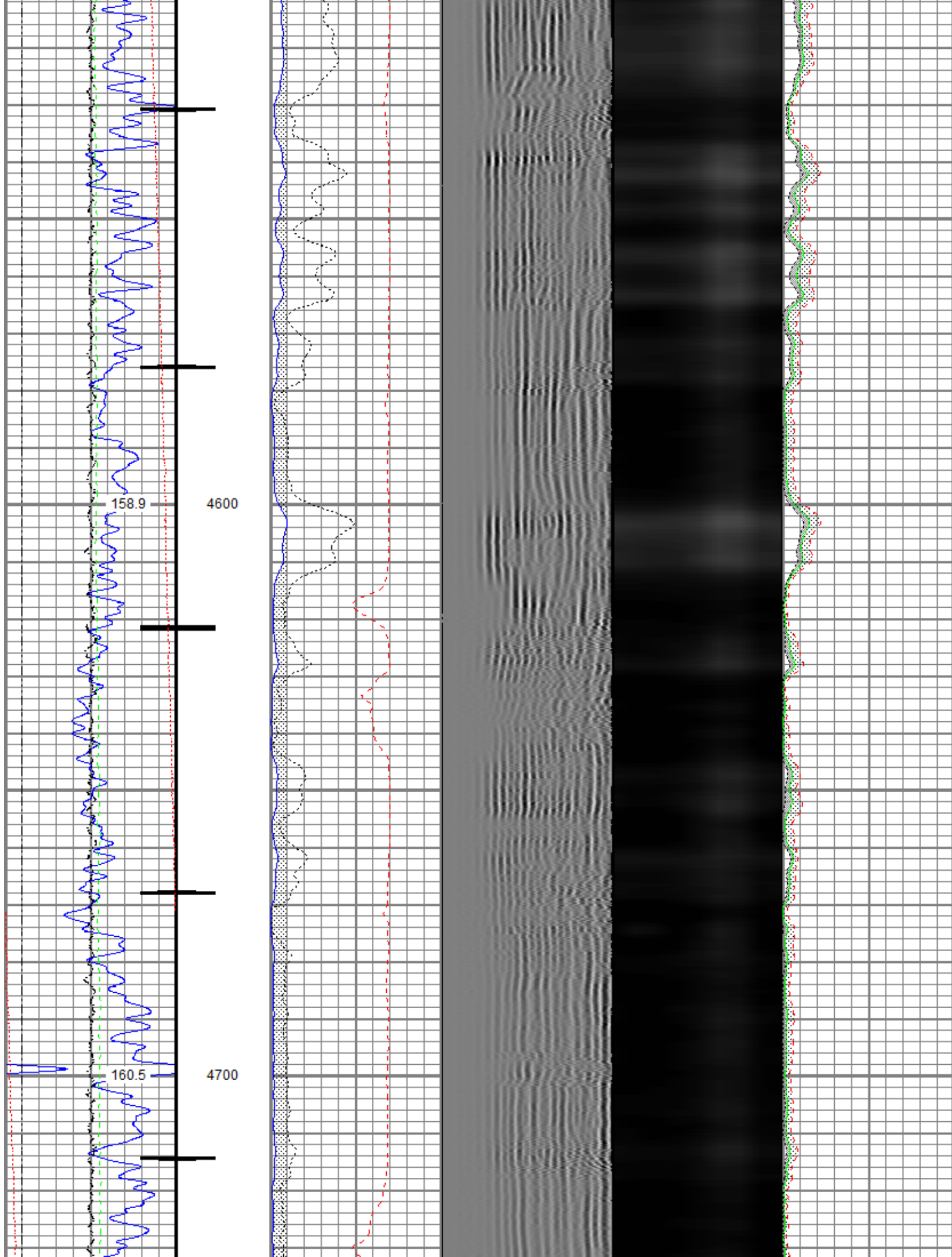


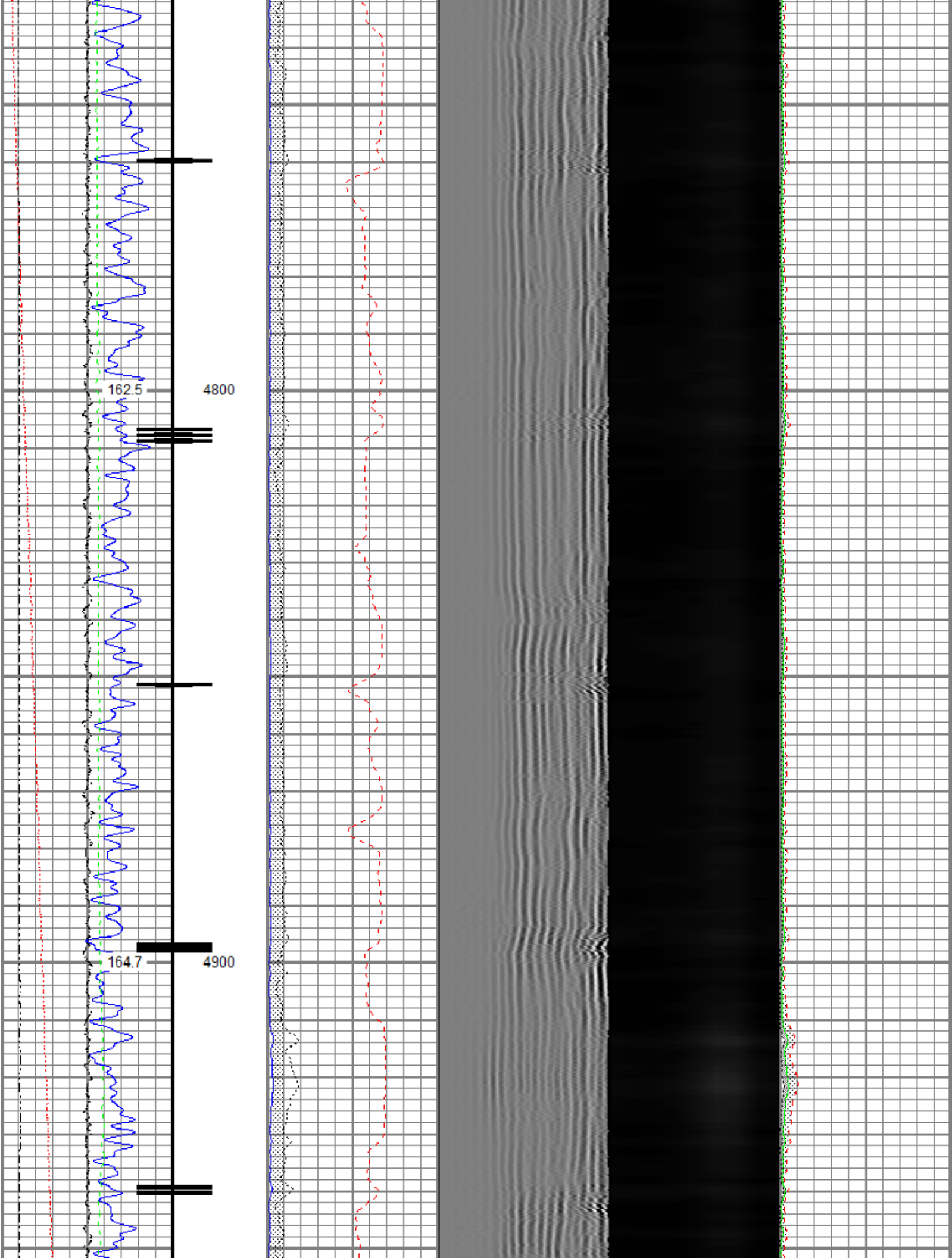


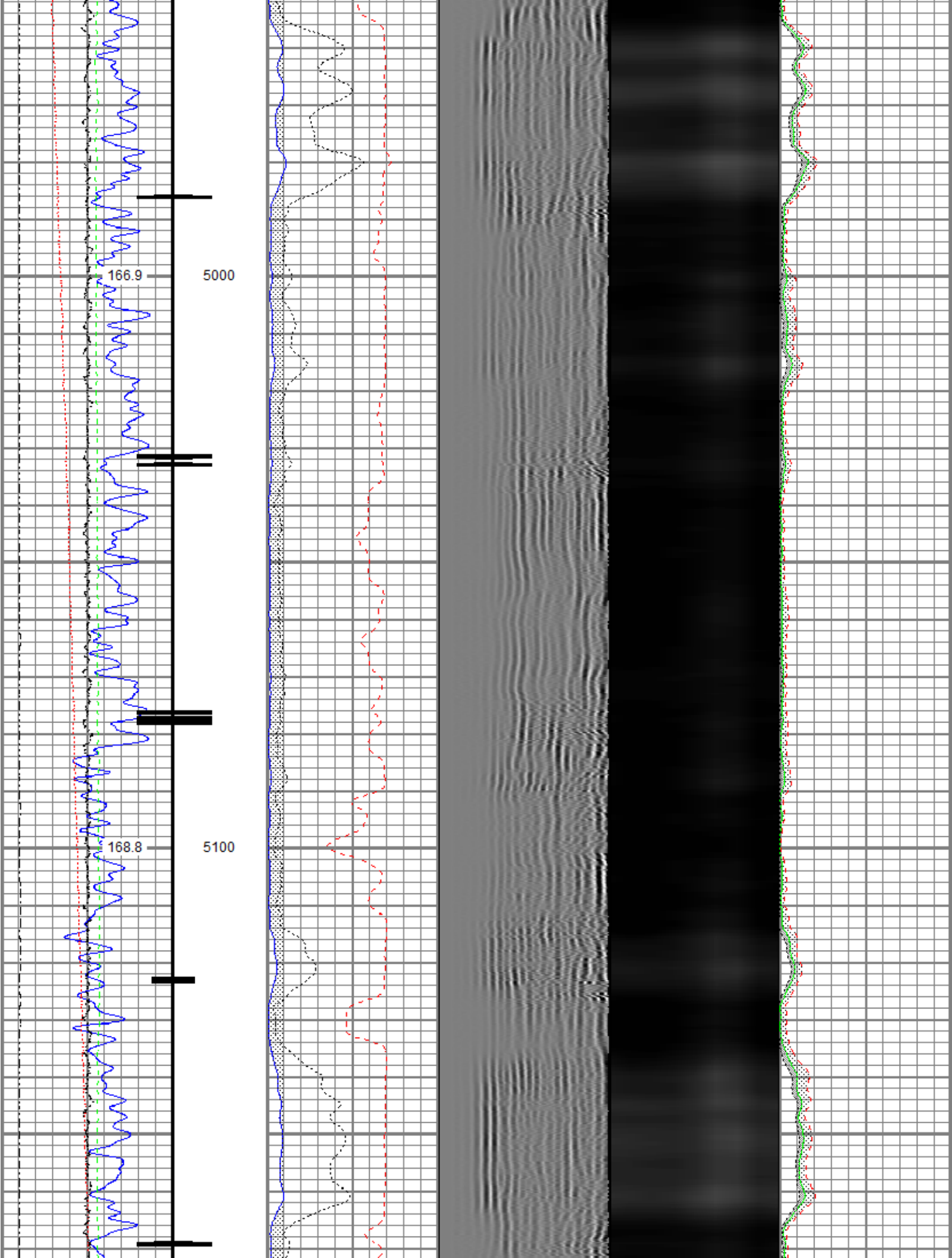


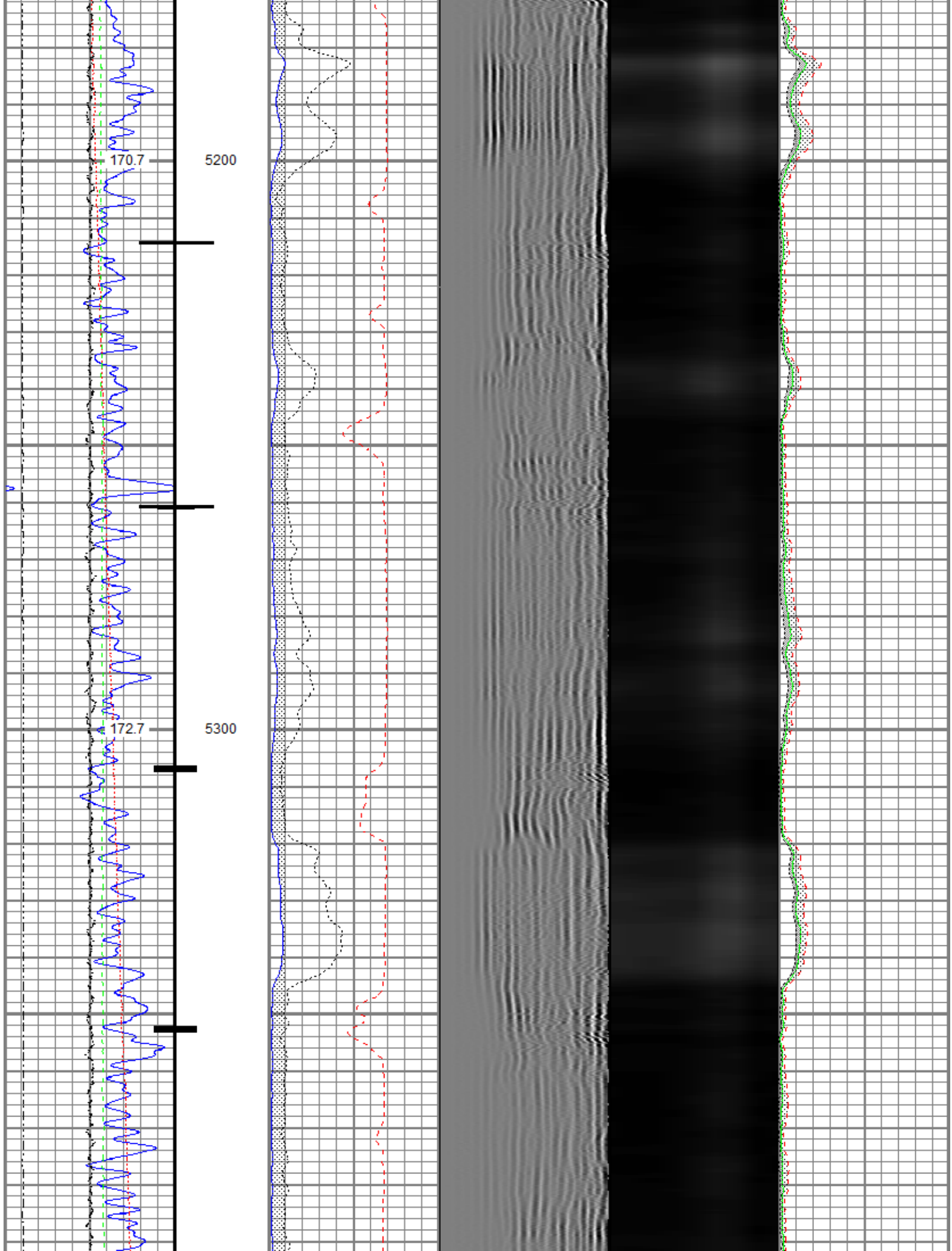


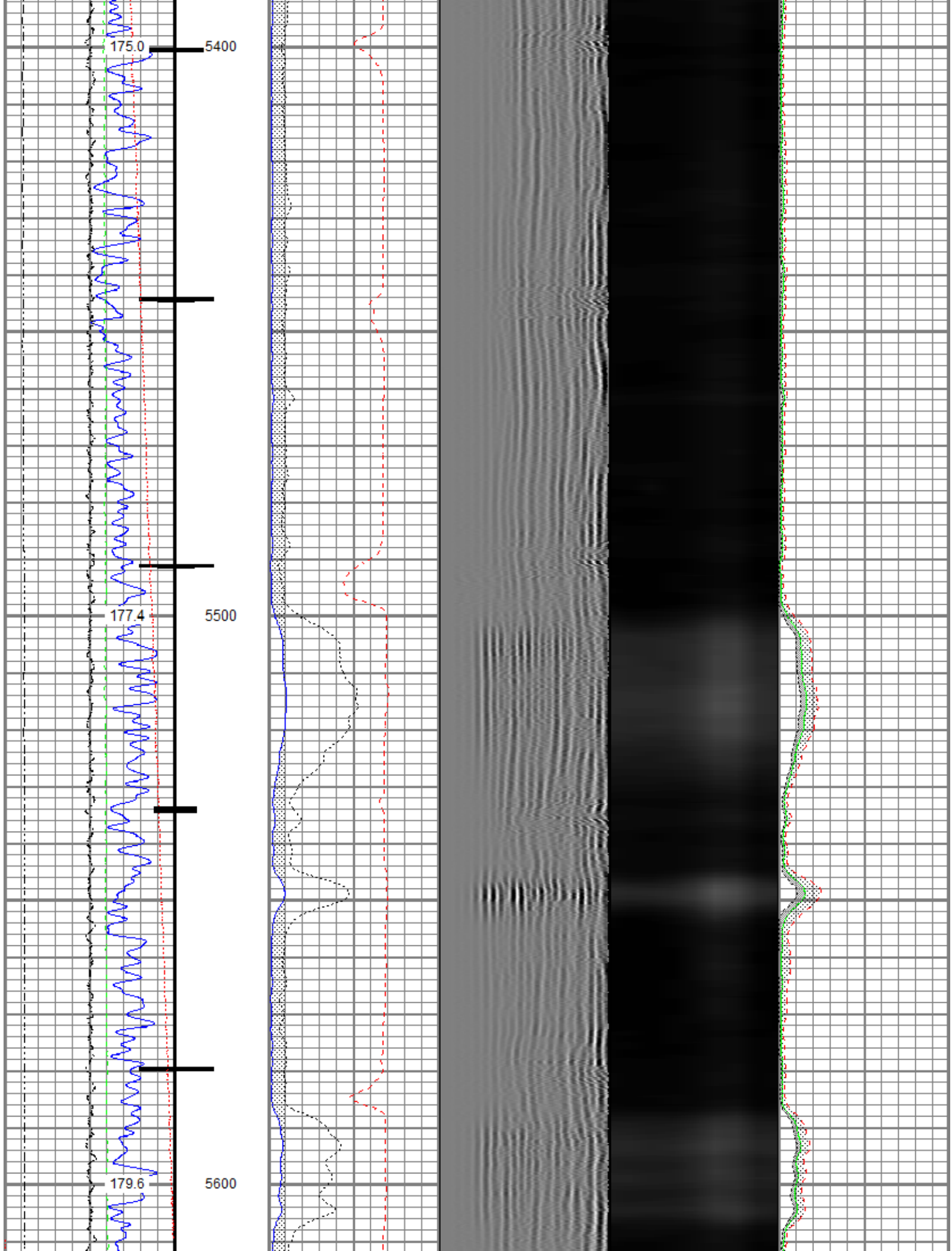


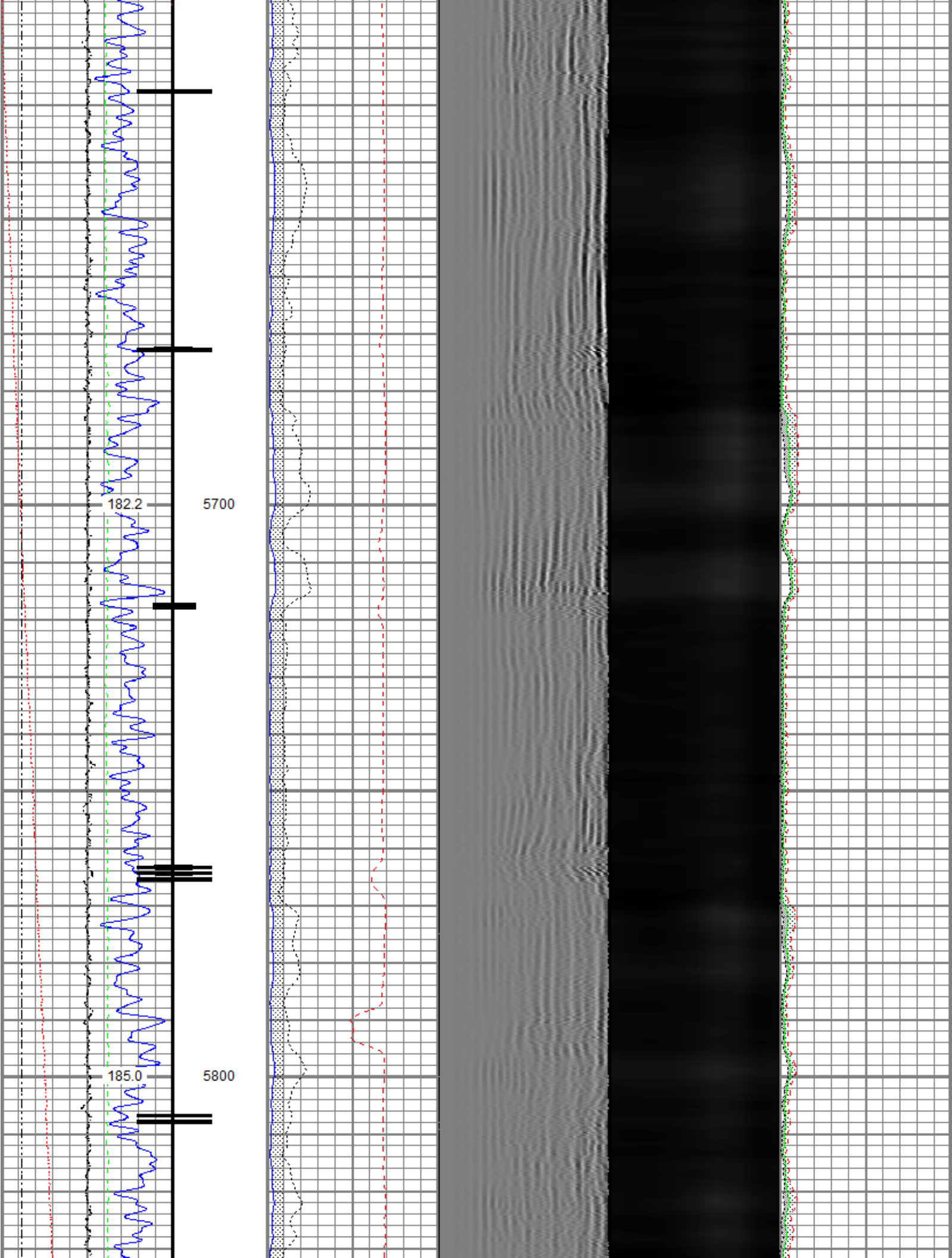


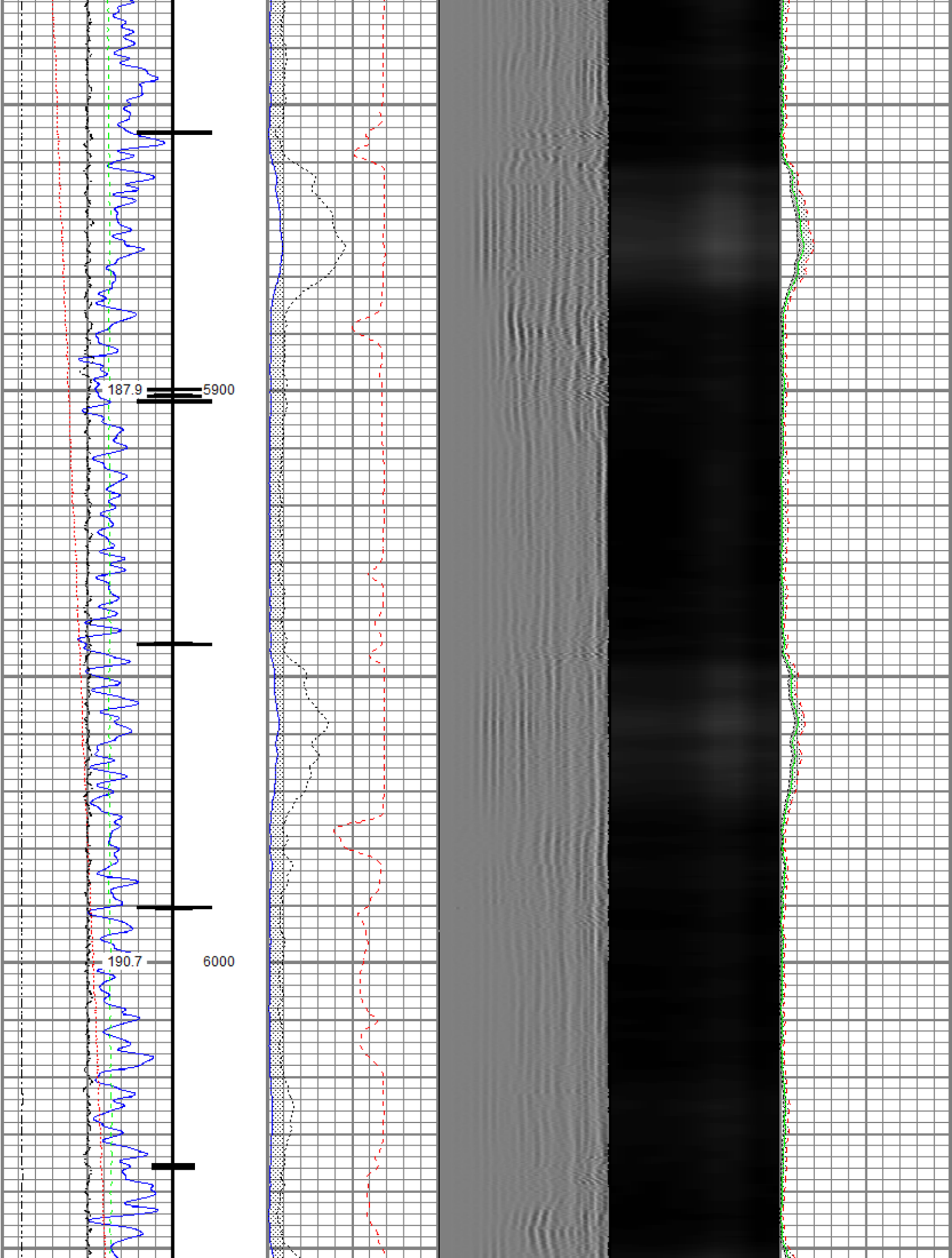


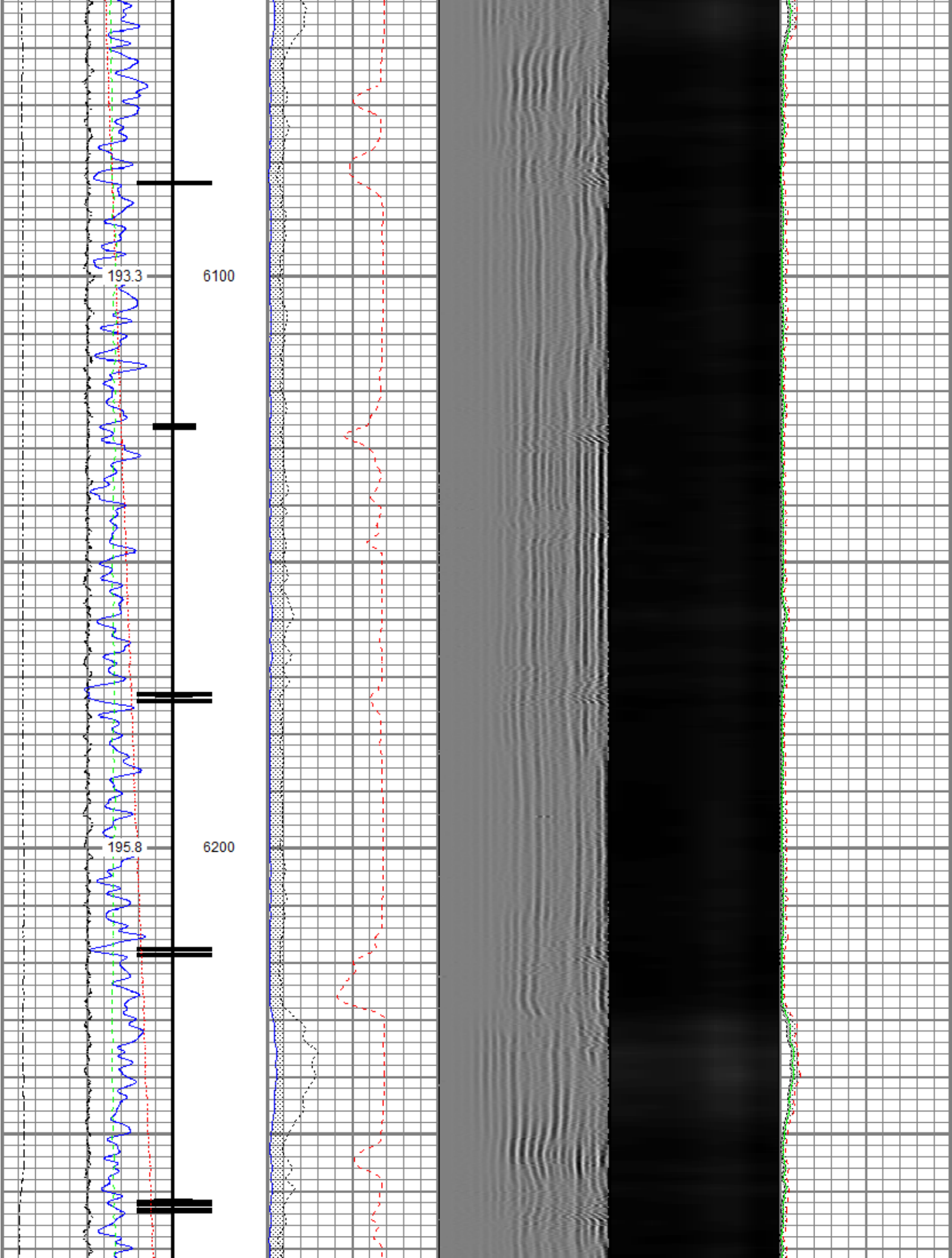


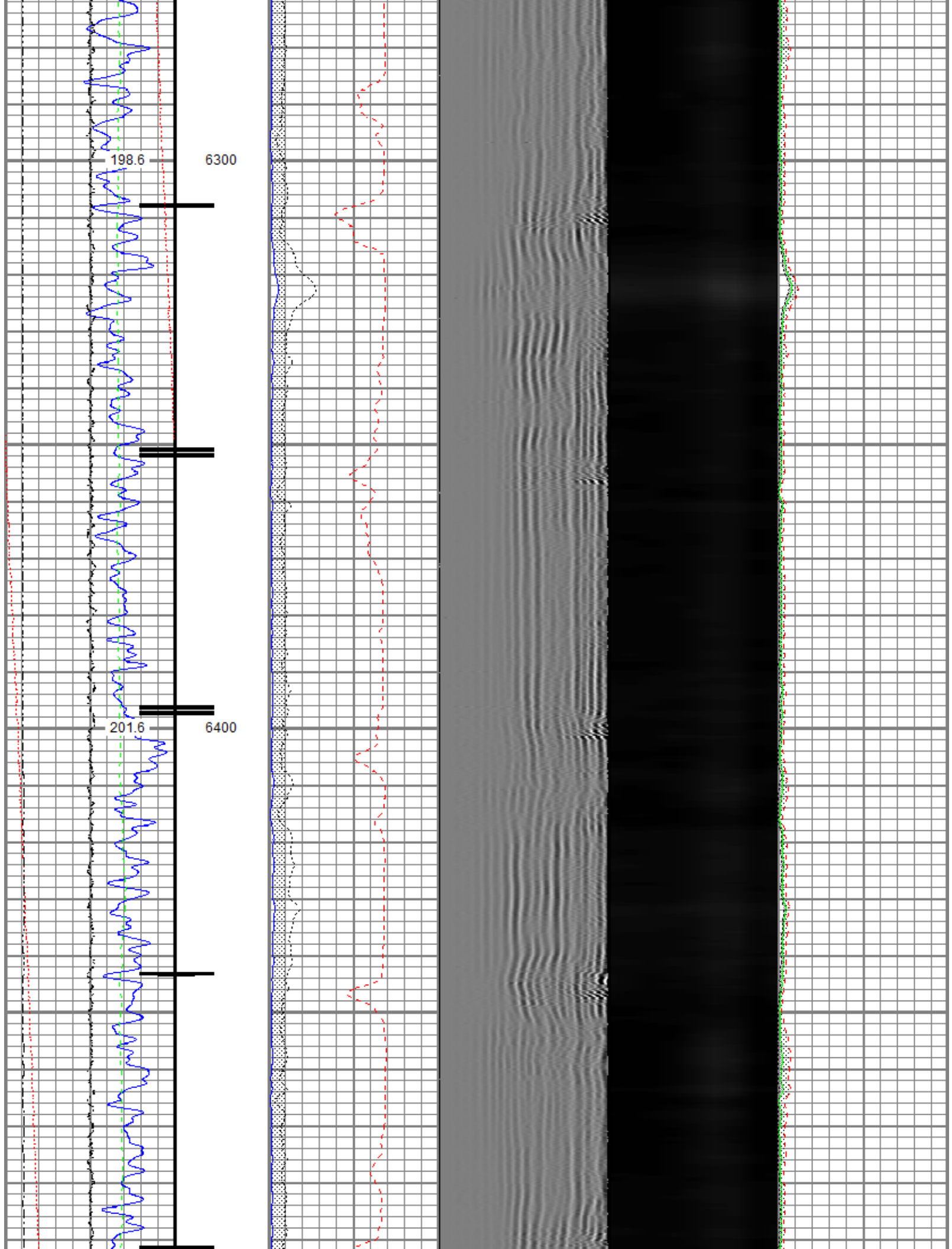


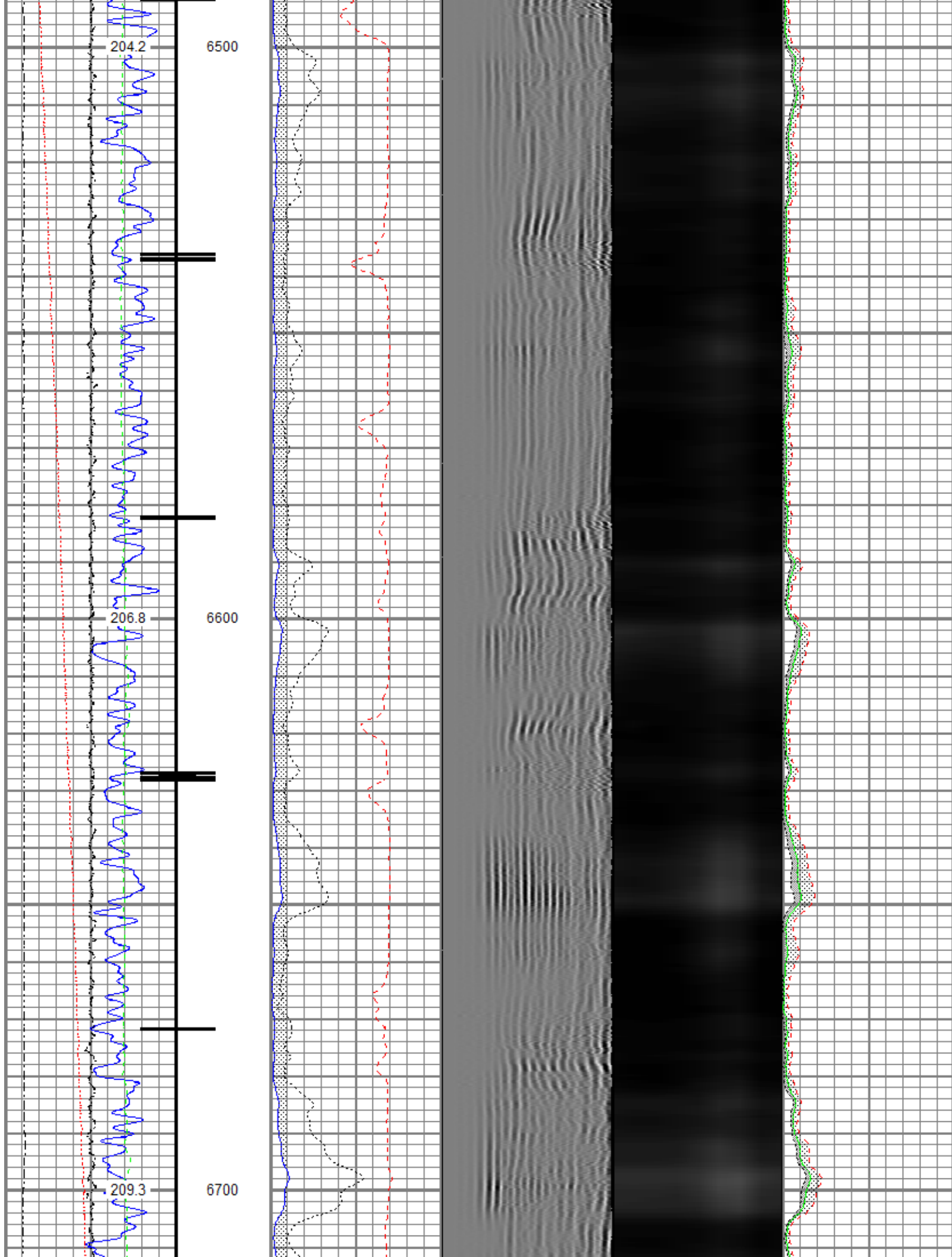


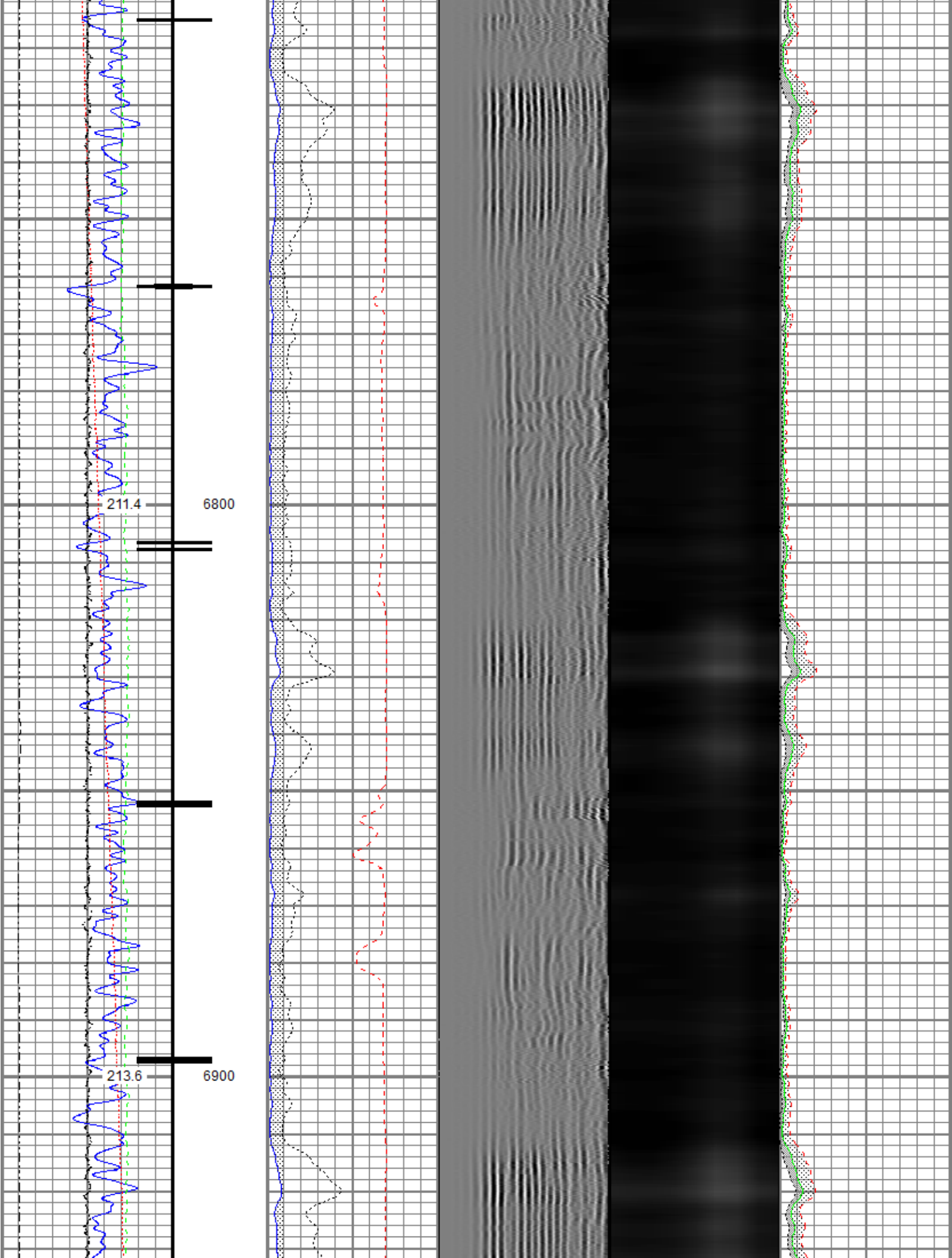


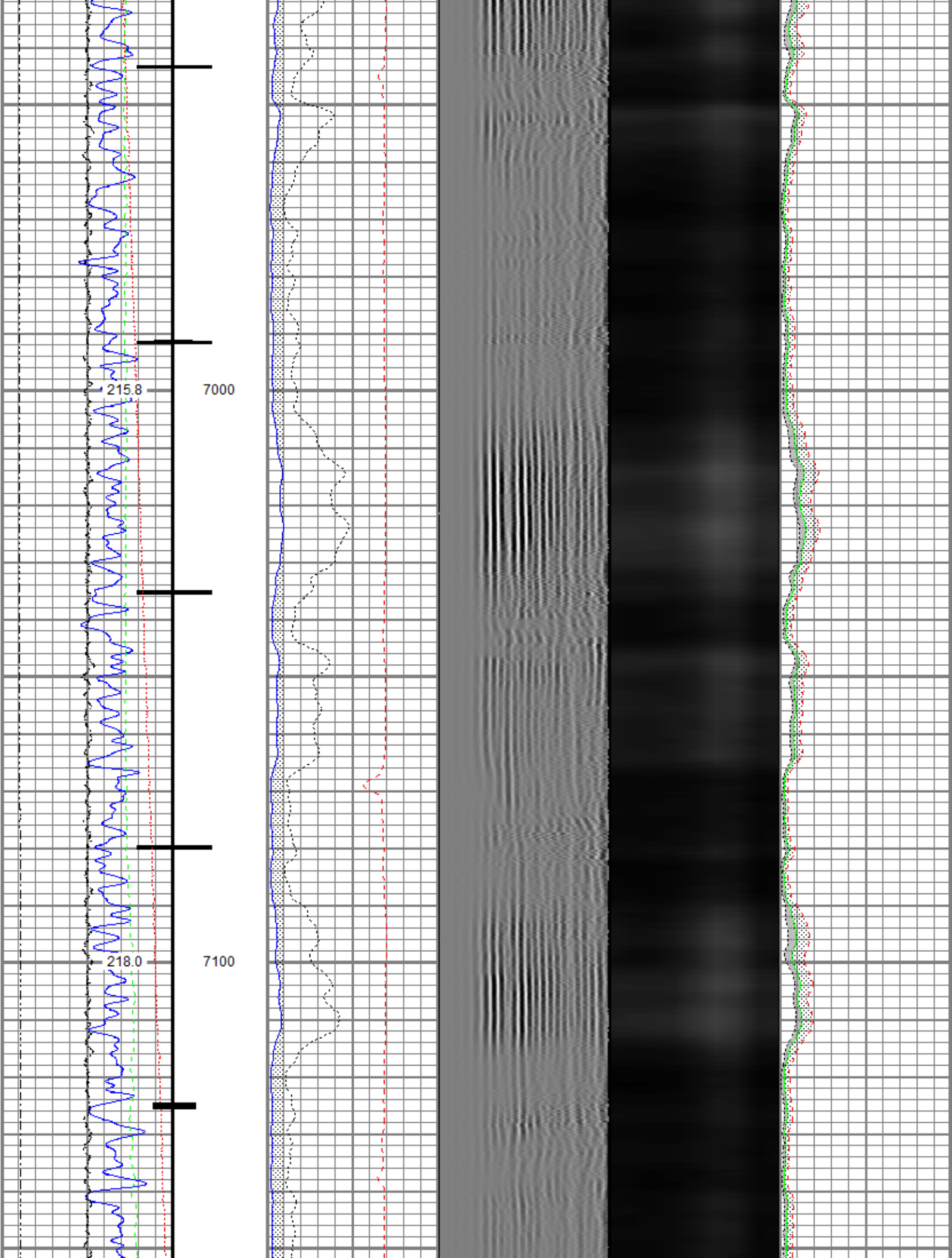


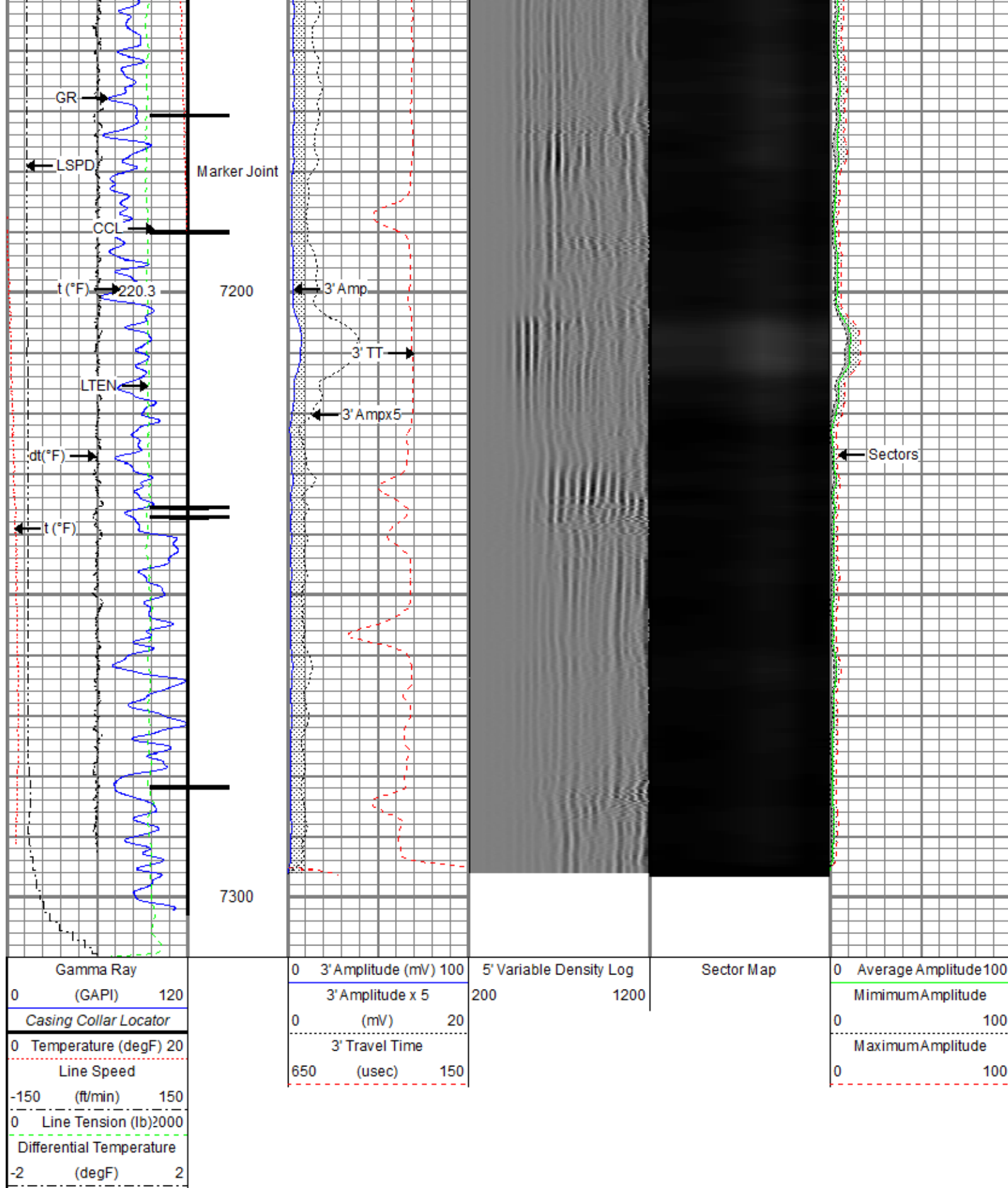








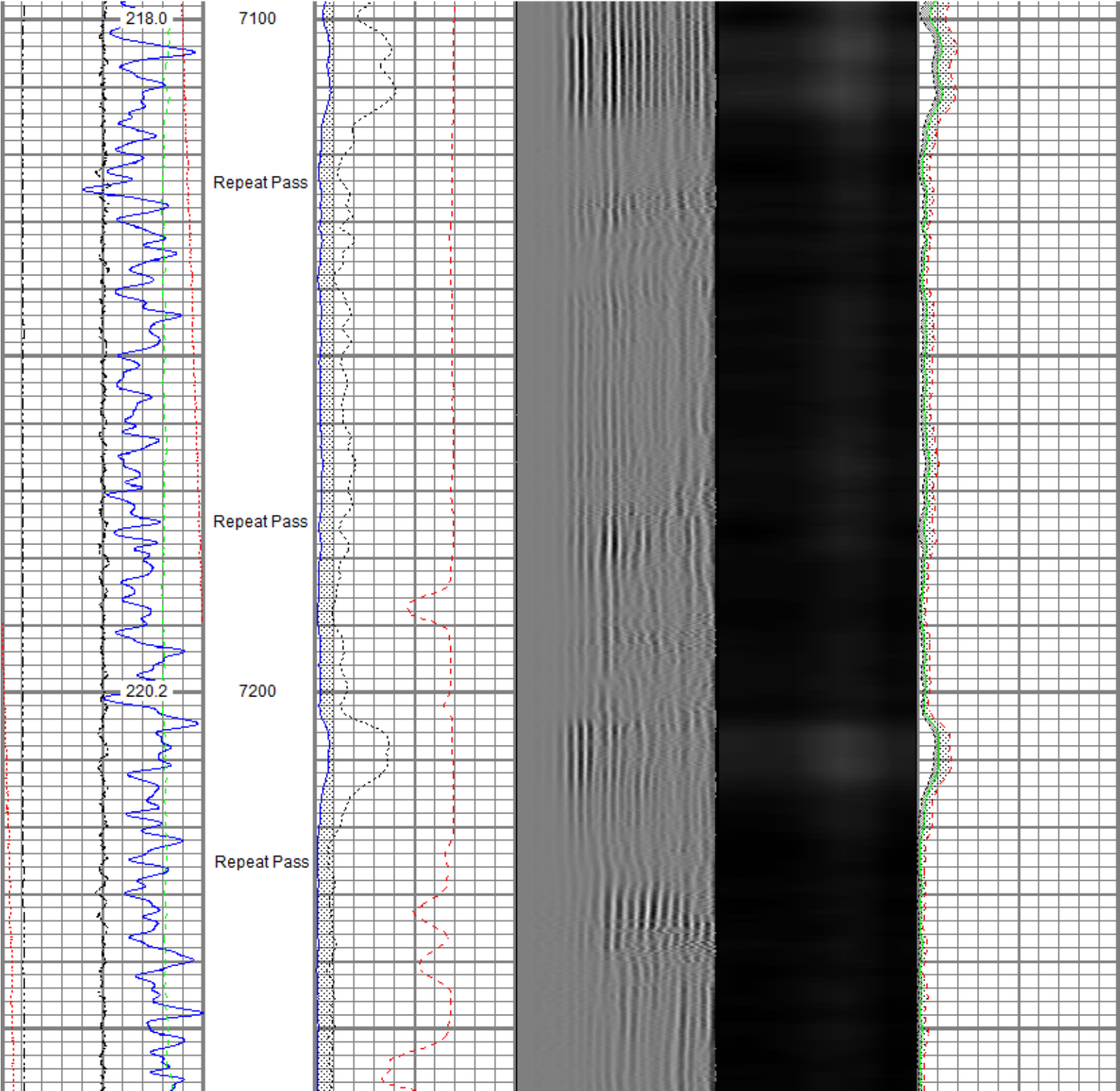


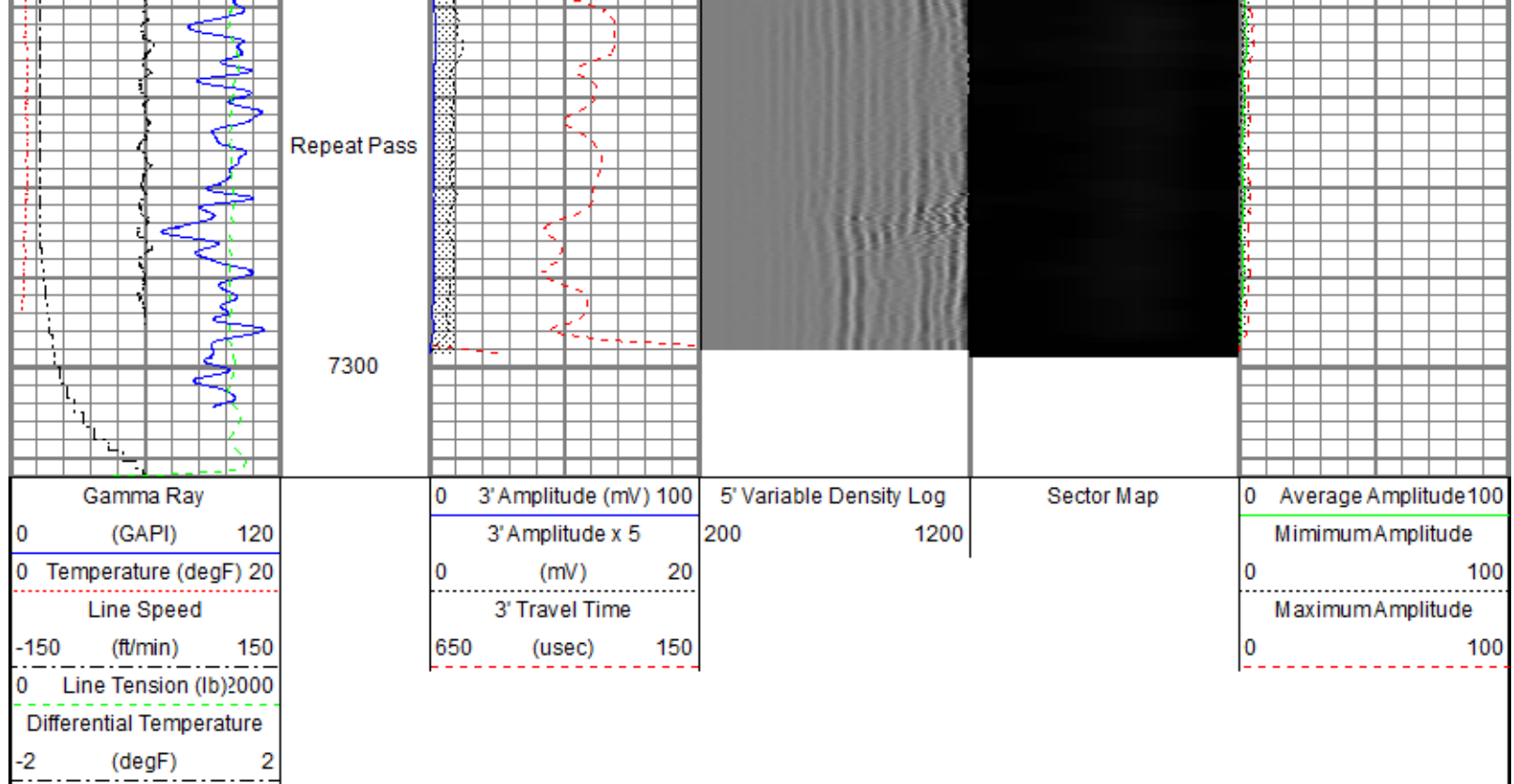


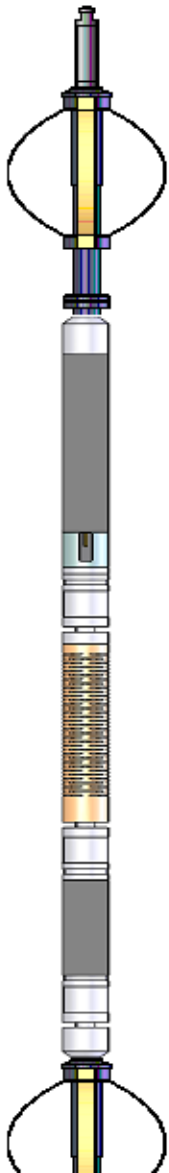
Repeat Pass


| | |
|---------------------|----------------------------------------------------------------------------------------|
| Database File | src\src energy_troutd 1n-23b-m_rbl_09-30-18\src energy_troutd 1n-23b-m_rbl_09-30-18.db |
| Dataset Pathname | repeat |
| Presentation Format | ros_radil |
| Dataset Creation | Sun Sep 30 09:46:26 2018 |
| Charted by | Depth in Feet scaled 1:240 |

| | | | | | | | | |
|--------------------------|------|-------------------|-----|-------------------------|------------|---|-------------------|-----|
| Gamma Ray | 0 | 3' Amplitude (mV) | 100 | 5' Variable Density Log | Sector Map | 0 | Average Amplitude | 100 |
| (GAPI) | 120 | 3' Amplitude x 5 | | 200 | | | Minimum Amplitude | |
| Temperature (degF) | 20 | (mV) | 20 | | | 0 | | 100 |
| Line Speed | | 3' Travel Time | | | | | Maximum Amplitude | |
| (ft/min) | 150 | (usec) | 150 | | | 0 | | 100 |
| Line Tension (lb) | 2000 | | | | | | | |
| Differential Temperature | | | | | | | | |
| (degF) | 2 | | | | | | | |





| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|----------|-------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------|-----------|-------------|
| TEMP | 17.04 |  | Titan CHD-14375 GO | 1.03 | 1.44 | 3.60 |
| | | | Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck | | | |
| | | | Probe CENT-2750 | 2.88 | 2.75 | 20.00 |
| | | | Probe 2-3/4" Electric Inline Bowspring Centralizer | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| WVFS8 | 14.81 | | Probe Radii-2750 RBT (FW1302-001) | 9.39 | 2.75 | 105.00 |
| WVFS7 | 14.81 | | Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub | | | |
| WVFS6 | 14.81 | | | | | |
| WVFS5 | 14.81 | | | | | |
| WVFS4 | 14.81 | | | | | |
| WVFS3 | 14.81 | | | | | |
| WVFS2 | 14.81 | | | | | |
| WVFS1 | 14.81 | | | | | |
| WVFCAL | 14.81 | | | | | |
| WVF3FT | 14.81 | | | | | |
| WVF5FT | 13.81 | | | | | |
| HEADVOLT | 10.56 | | | | | |
| | | | Probe CENT 2750 | 2.88 | 2.75 | 20.00 |

| | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------|------|-------|
| | | | Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer | 2.88 | 2.75 | 20.00 |
| CCL\$2 | 6.80 |  | | | | |
| CCL\$1 | 6.80 | | | | | |
| GR | 5.46 | | Probe GR-CCL-2750 6PB (101001) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT | 4.80 | 2.75 | 55.00 |
| | | | Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer | 2.88 | 2.75 | 20.00 |
| Dataset: SRC Energy_Troudt 1N-23B-M_RBL_09-30-18.db: field/well/run1/main Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in | | | | | | |

| Calibration Report | | | | | | |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------|-----------------|---------|---------|--------|
| Database File | C:\ProgramData\Warrior\Data\SRC\SRC Energy_Troudt 1N-23B-M_RBL_09-30-18\SRC Energy_Troudt 1N-23B-M_RBL_09-30-18 | | | | | |
| Dataset Pathname | main | | | | | |
| Dataset Creation | Sun Sep 30 09:50:42 2018 | | | | | |
| Gamma Ray Calibration Report | | | | | | |
| Serial Number: | 101001 | | | | | |
| Tool Model: | 2750 6PB | | | | | |
| Performed: | Mon Jun 18 10:09:36 2018 | | | | | |
| Calibrator Value: | 637.0 | GAPI | | | | |
| Background Reading: | 100.6 | cps | | | | |
| Calibrator Reading: | 981.1 | cps | | | | |
| Sensitivity: | 0.7235 | GAPI/cps | | | | |
| Segmented Cement Bond Log Calibration Report | | | | | | |
| Serial Number: | FW1302-001 | | | | | |
| Tool Model: | 2750 RBT | | | | | |
| Calibration Casing Diameter: | 5.500 | in | | | | |
| Calibration Depth: | -25.000 | ft | | | | |
| Master Calibration, performed Sun Sep 30 09:10:34 2018: | | | | | | |
| | Raw (v) | | Calibrated (mv) | | Results | |
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | 0.008 | 0.778 | 0.800 | 71.921 | 92.363 | 0.020 |
| CAL | 0.732 | 0.717 | | | | |
| 5' | 0.011 | 0.758 | 0.800 | 71.921 | 95.115 | -0.222 |
| SUM | | | | | | |
| S1 | 0.007 | 0.771 | 0.000 | 100.000 | 130.820 | -0.893 |
| S2 | 0.008 | 0.774 | 0.000 | 100.000 | 130.567 | -1.098 |
| S3 | 0.008 | 0.770 | 0.000 | 100.000 | 131.355 | -1.116 |

| | | | | | | |
|----|-------|-------|-------|---------|---------|--------|
| S4 | 0.008 | 0.770 | 0.000 | 100.000 | 131.201 | -1.086 |
| S5 | 0.008 | 0.792 | 0.000 | 100.000 | 127.562 | -1.053 |
| S6 | 0.010 | 0.831 | 0.000 | 100.000 | 121.744 | -1.184 |
| S7 | 0.010 | 0.830 | 0.000 | 100.000 | 121.961 | -1.237 |
| S8 | 0.008 | 0.814 | 0.000 | 100.000 | 124.144 | -1.052 |

Internal Reference Calibration, performed (Not Performed):

| | Raw (v) | | Calibrated (v) | | Results | |
|-----|---------|-------|----------------|-------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | 0.000 | 0.000 | 0.732 | 0.717 | 1.000 | 0.000 |

Air Zero Calibration, performed Sun Sep 30 09:10:13 2018:

| | 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 | |

Temperature Calibration Report

Serial Number: FW1302-001
Tool Model: 2750 RBT
Performed: Sun Nov 12 13:24:58 2017

| | Reference | Reading |
|-----------------|-------------|-------------|
| Low Reference: | 100.00 degF | 107.47 degF |
| High Reference: | 350.00 degF | 404.08 degF |

Gain: 0.84
Offset: 9.42
Delta Spacing: 1



Company: SRC Energy Inc
Well: Troudt 1N-23B-M
Field: Wattenberg
County: Weld
State: Colorado