

**Brand X**  
Wireline LLC

**GAMMA RAY, CCL  
CEMENT BOND, VDL  
TEMP**

Company GREAT WESTERN OIL & GAS CO.  
Well WINDSOR 35-2  
Field WATTENBERG  
County WELD State COLO

Location: 1815' FSL & 520' FWL  
NW SW  
API #: 05-123-26173  
SEC 35 TWP 6N RGE 67W  
Permanent Datum GL Elevation 4735  
Log Measured From KB  
Drilling Measured From KB  
Other Services  
Elevation  
K.B. 4747  
D.F. 4744  
G.L. 4735

Date MAY-22-2020  
Run Number ONE  
Depth Driller 7225  
Depth Logger 6016  
Bottom Logged Interval 6016  
Top Log Interval SURFACE  
Open Hole Size SURFACE  
Type Fluid WATER  
Density / Viscosity 8.34 PPG  
Max. Recorded Temp. 203°F  
Estimated Cement Top 3464  
Time Well Ready ROA  
Time Logger on Bottom 9:00 AM  
Equipment Number 14189  
Location STERLING, CO  
Recorded By KYLE GIRDLER  
Witnessed By SHAWN PRIMOSCH

| Borehole Record   |     |       |    | Tubing Record |        |         |        |
|-------------------|-----|-------|----|---------------|--------|---------|--------|
| Run Number        | Bit | From  | To | Size          | Weight | From    | To     |
| Casing Record     |     | Size  |    | Wgt/Ft        |        | Top     | Bottom |
| Surface String    |     | 8 5/8 |    | 24            |        | SURFACE | 499    |
| Prot. String      |     |       |    |               |        |         |        |
| Production String |     | 4.5   |    | 11.6          |        | SURFACE | 7196   |
| 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

LOG CORRELATED TO CBL DATED JUL-1-2008  
LOG RAN WITH 0 INDUCED SURFACE PRESSURE  
  
THANK YOU FOR USING BRAND-X WIRELINE

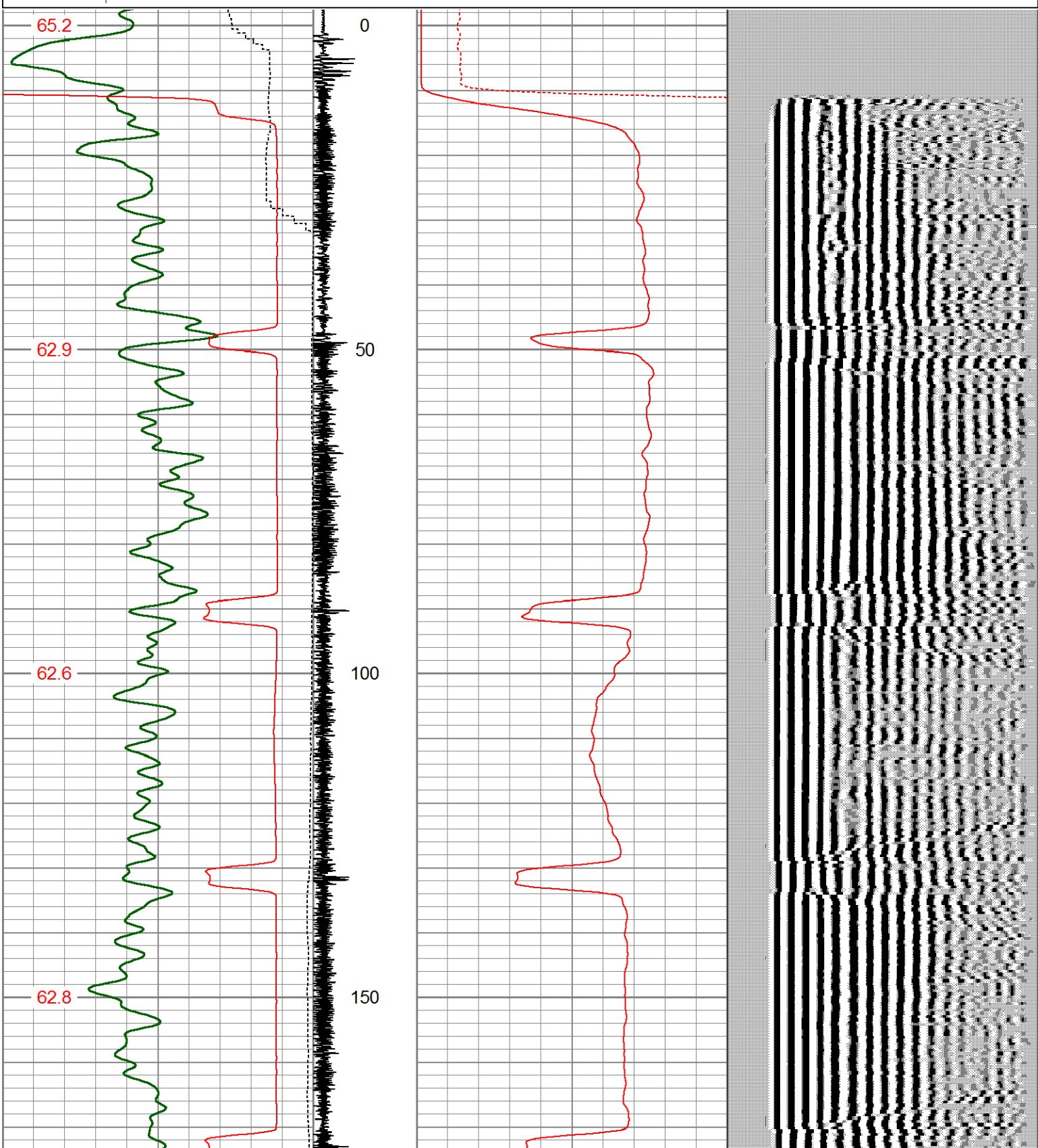
**Brand X**  
Wireline LLC

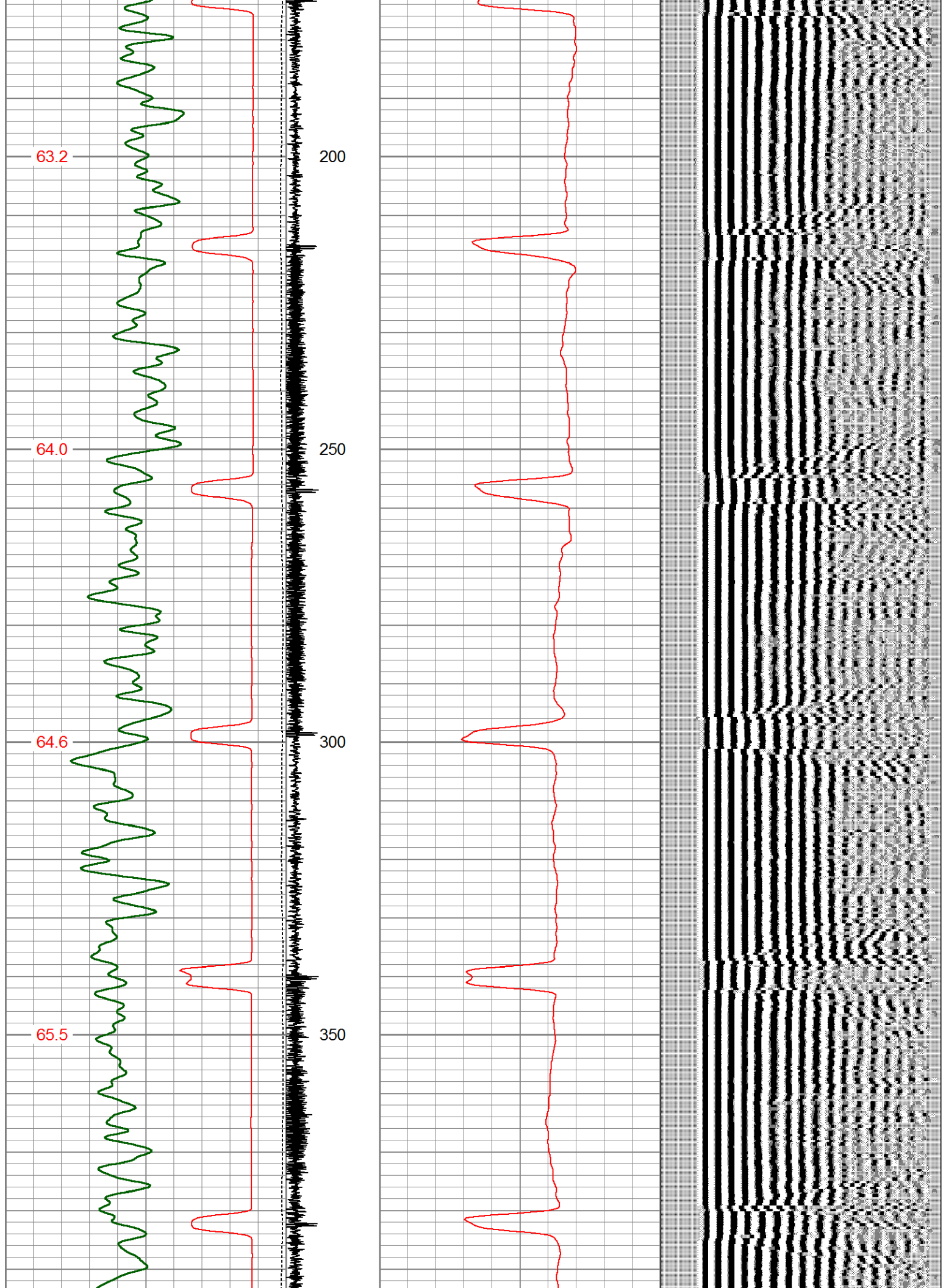
**MAIN PASS**

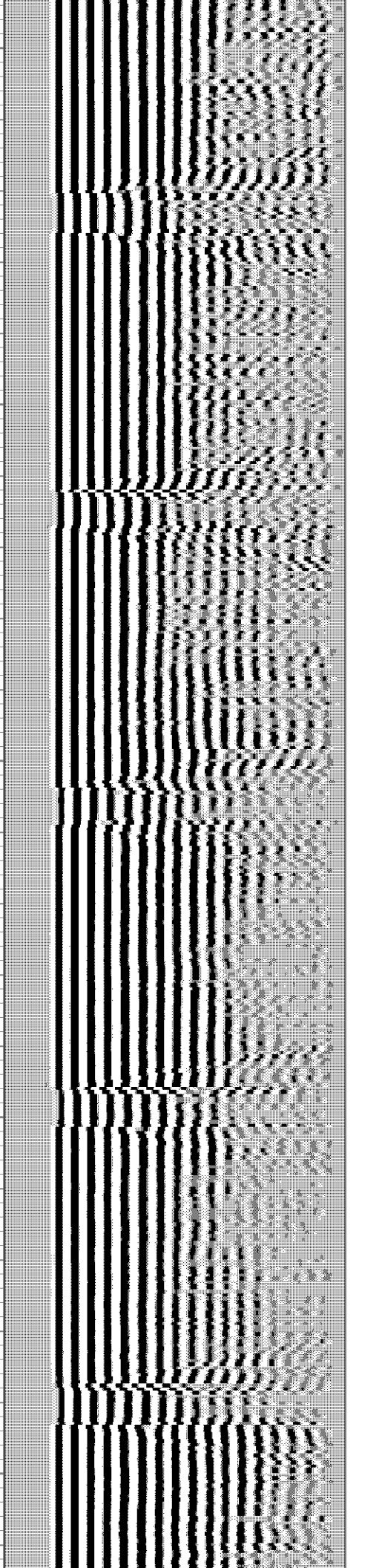
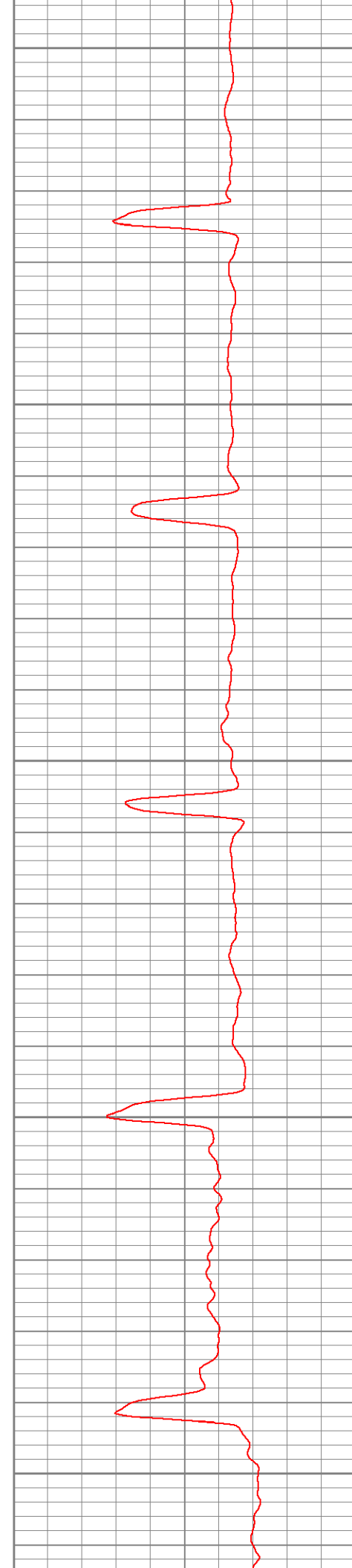
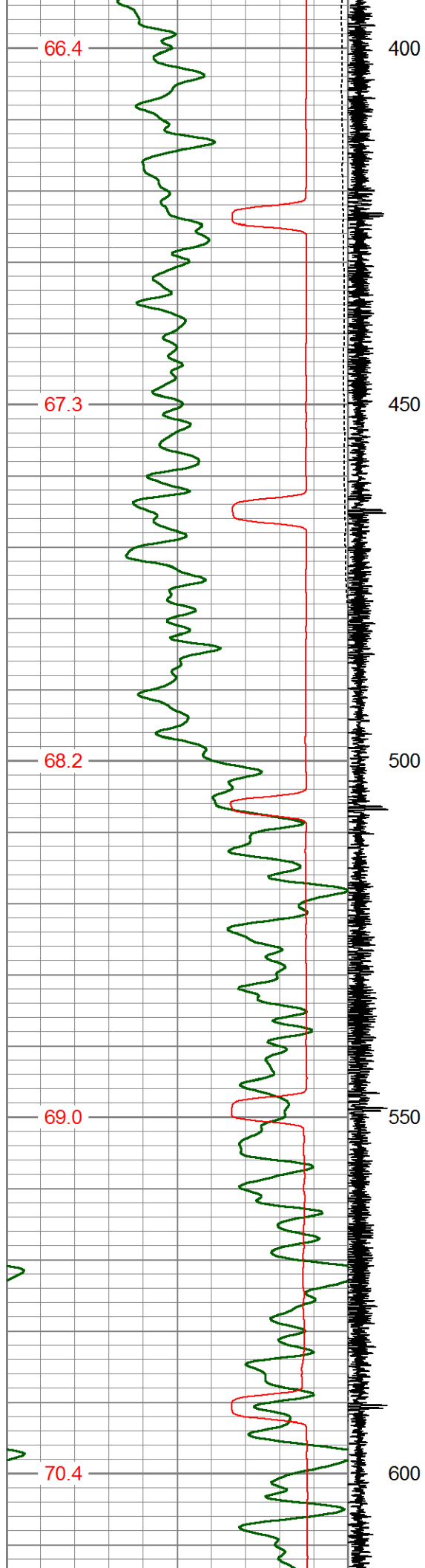
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 Presentation Format cbl\_drs  
 Dataset Creation Fri May 22 09:02:57 2020  
 Charted by Depth in Feet scaled 1:240

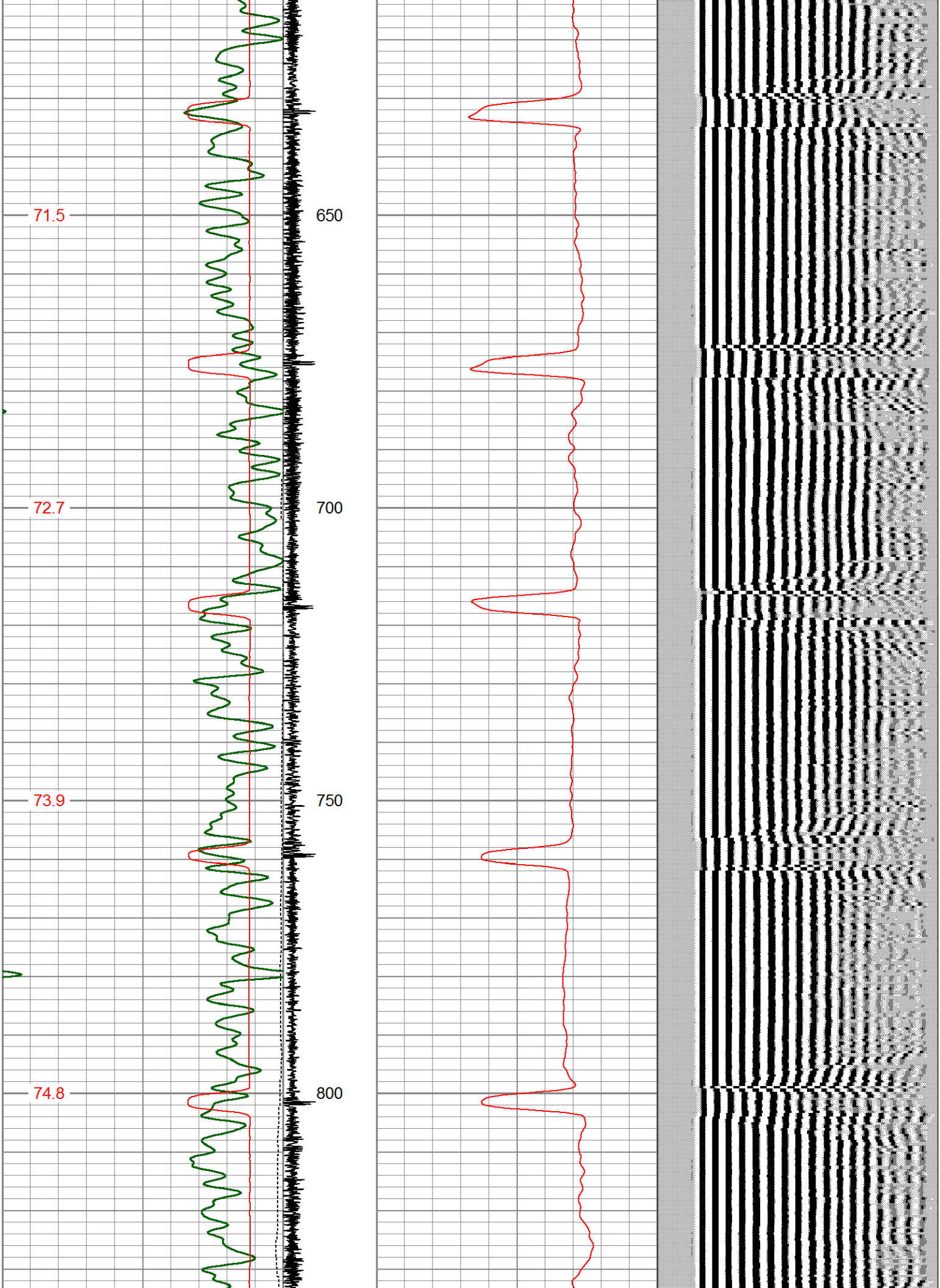
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|-----|---------------------|------|---------------|-----|--------------------|-----|-----|------------|------|
| 0   | Gamma Ray           | 150  | Collar Locato | 0   | AMP AMPLITUDE (mV) | 10  | 200 | VDL (usec) | 1200 |
| 100 | Line Speed (ft/min) | -100 | -1            | 9 0 | AMPLITUDE (mV)     | 100 |     |            |      |
| 400 | TT3FT (usec)        | 200  |               |     |                    |     |     |            |      |

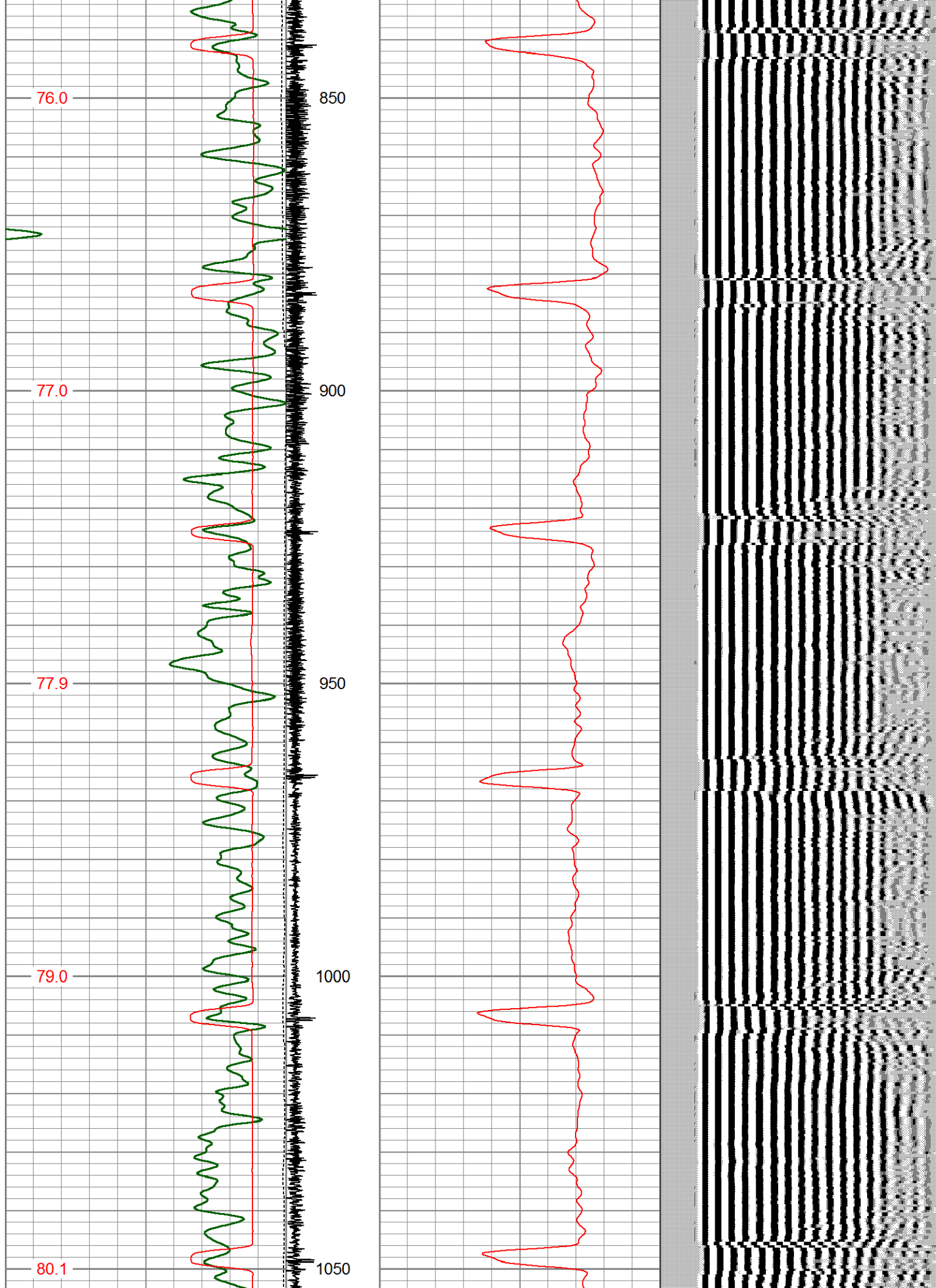
TEMP  
(degF)

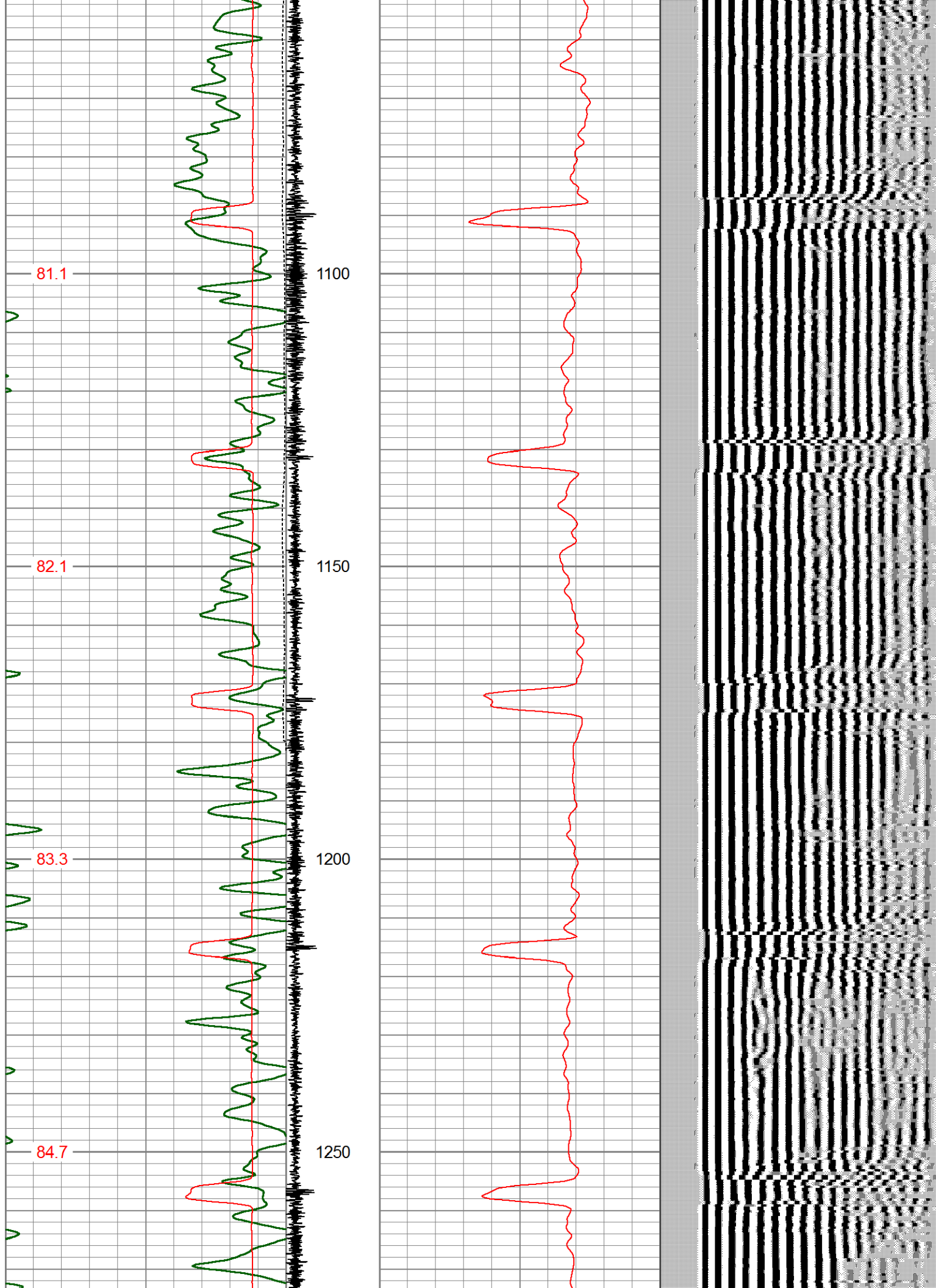


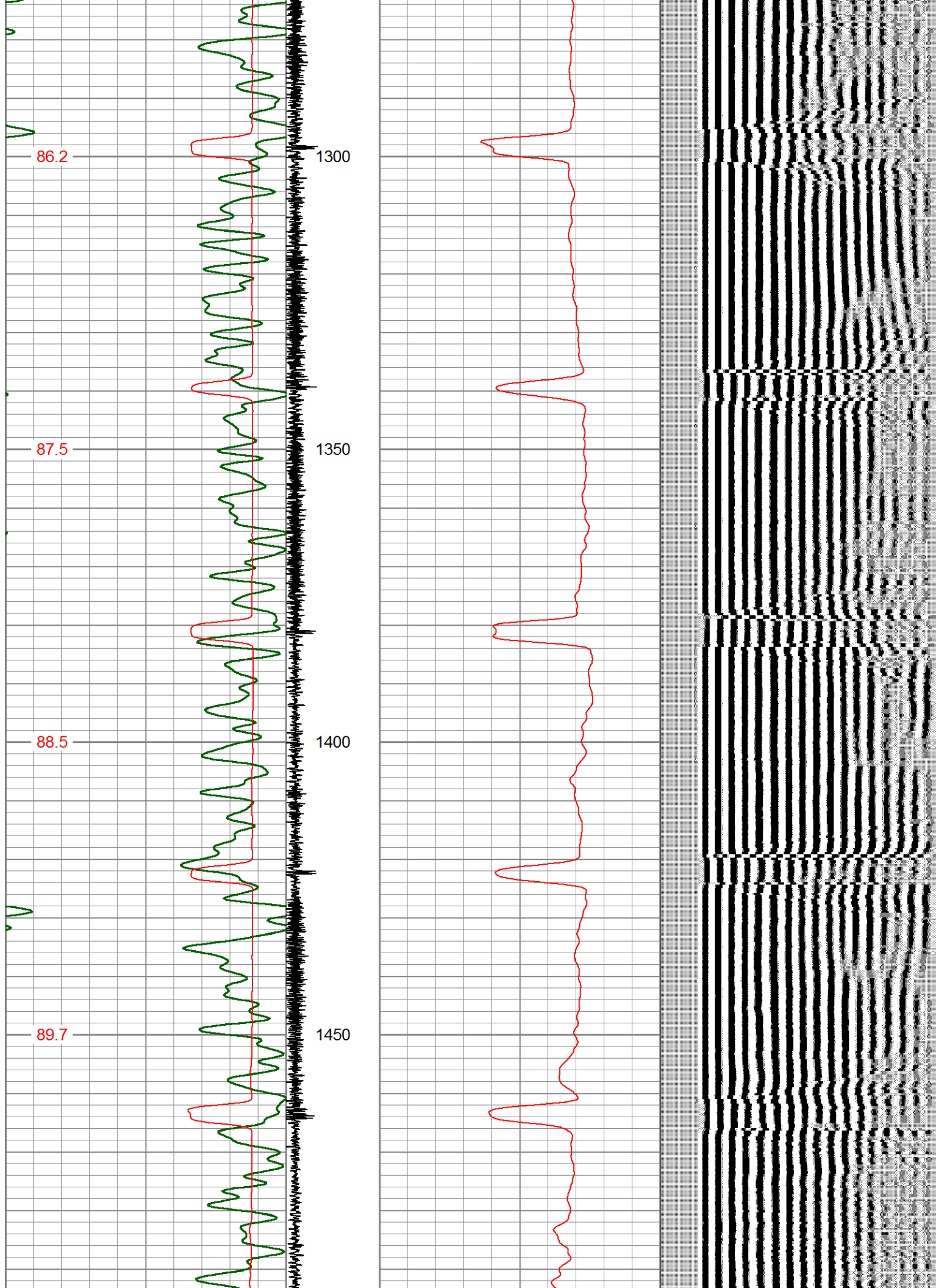


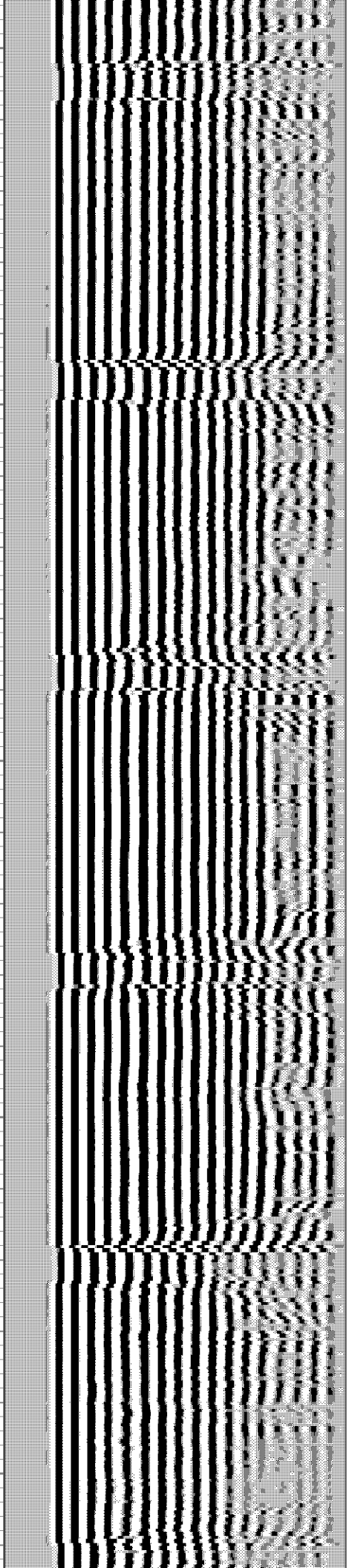
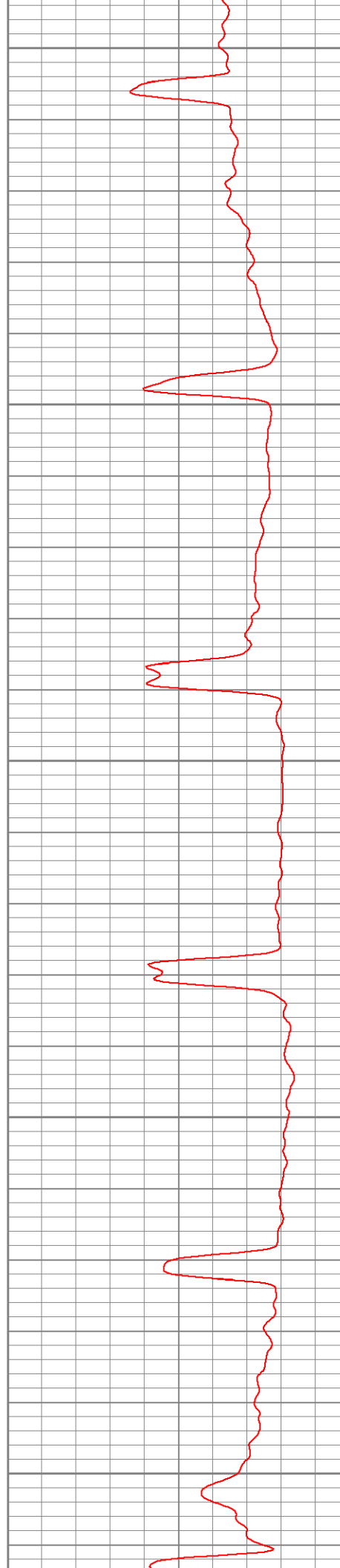
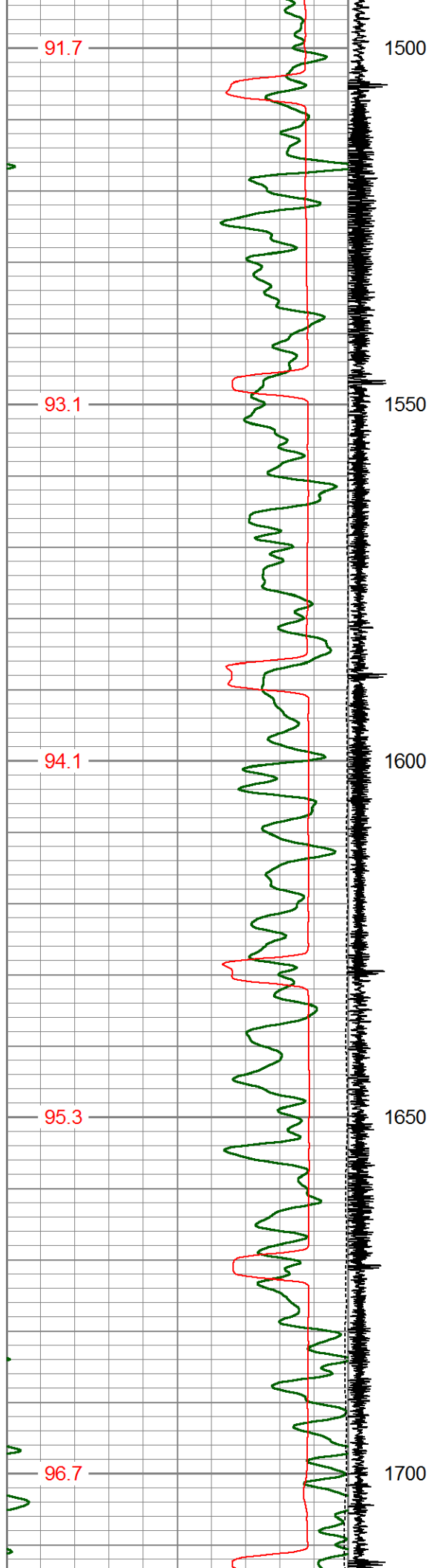


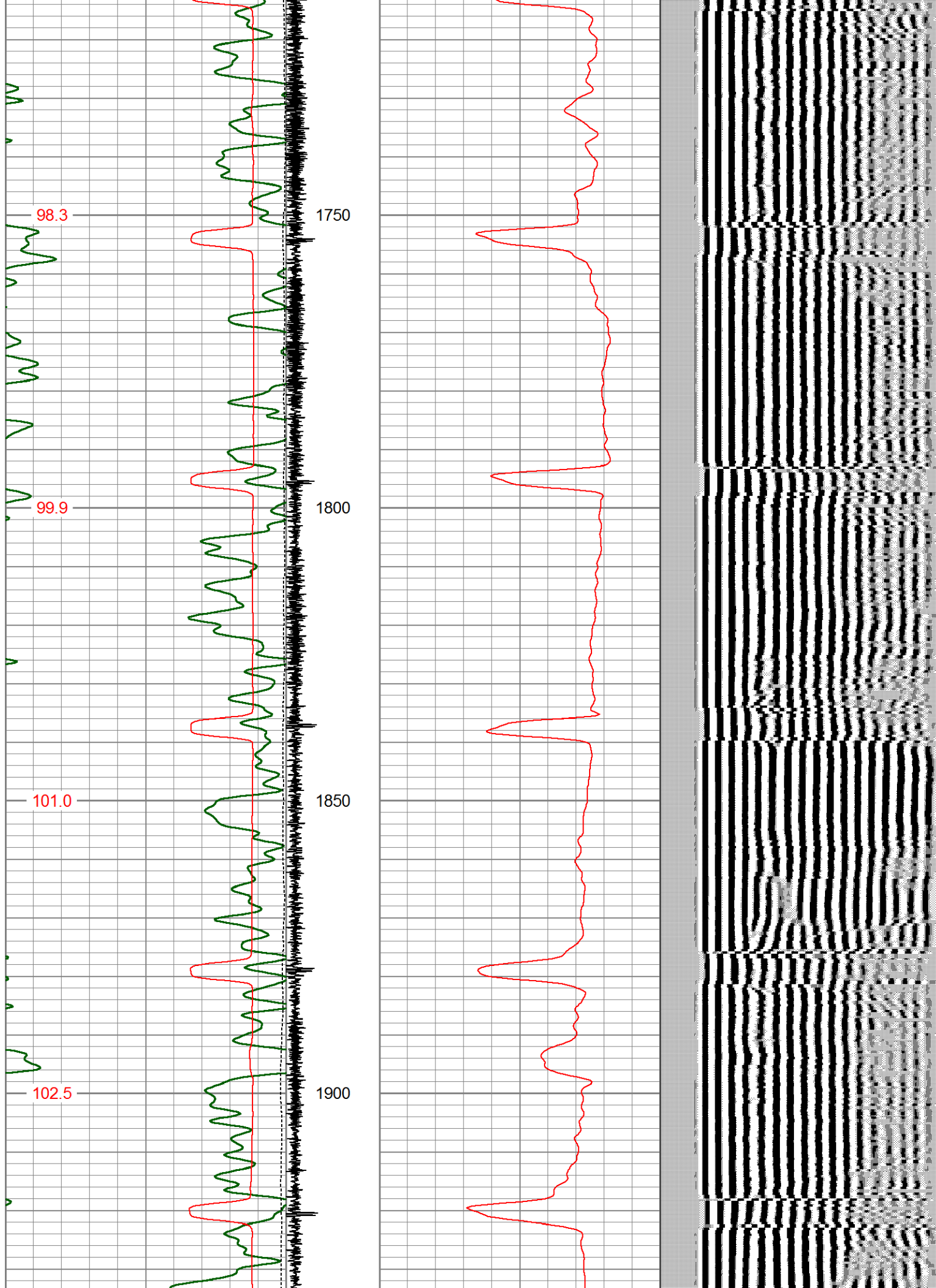


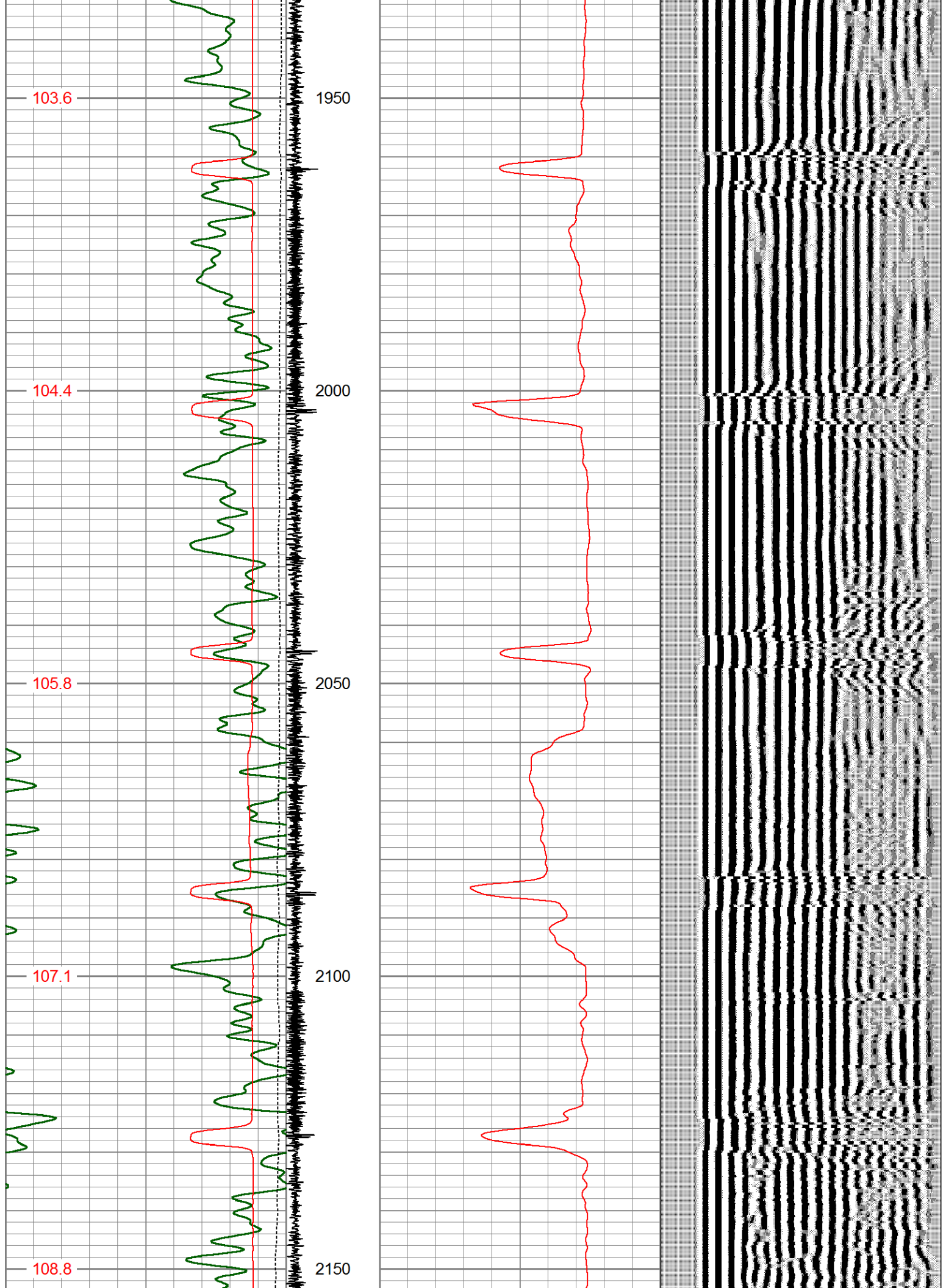


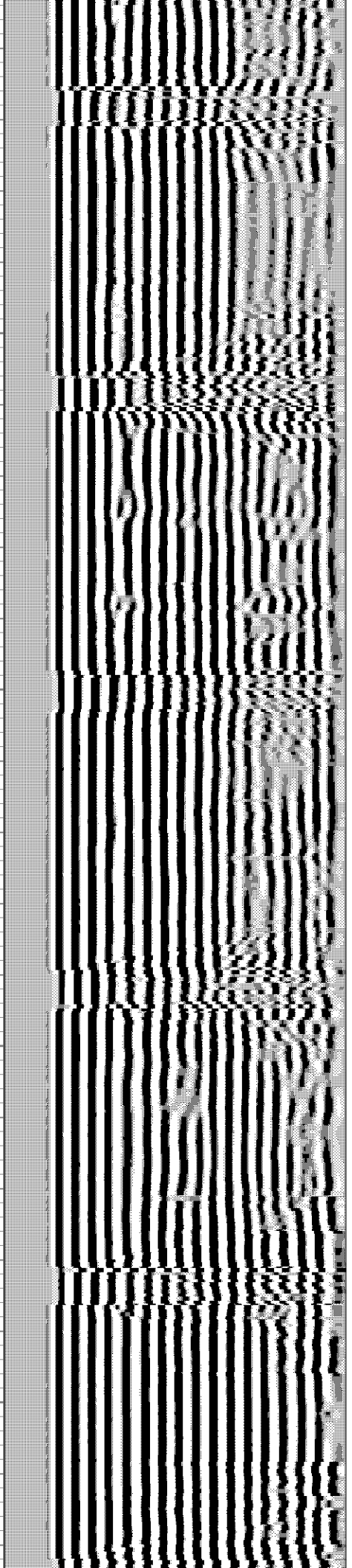
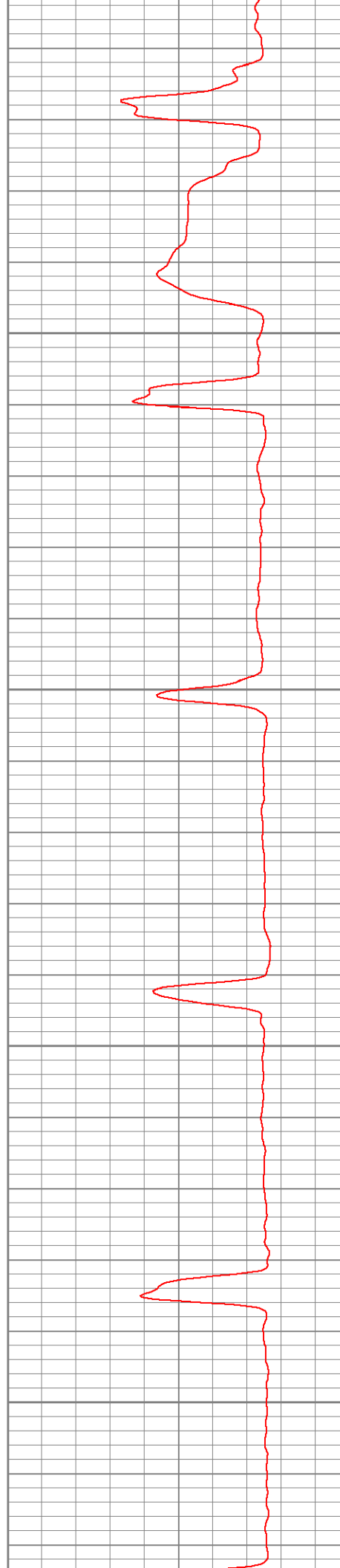
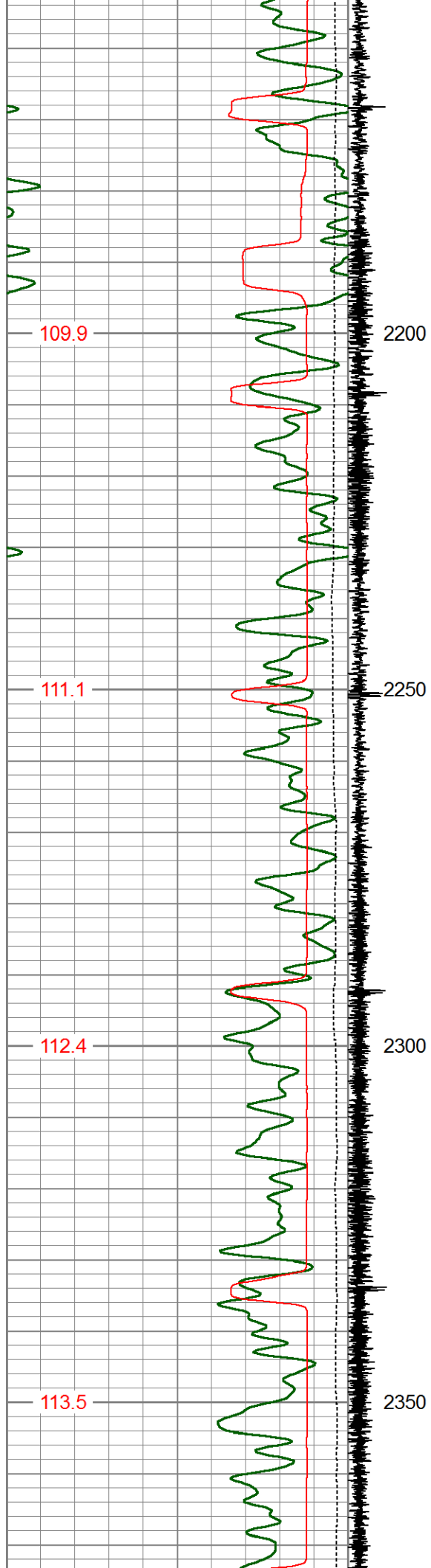


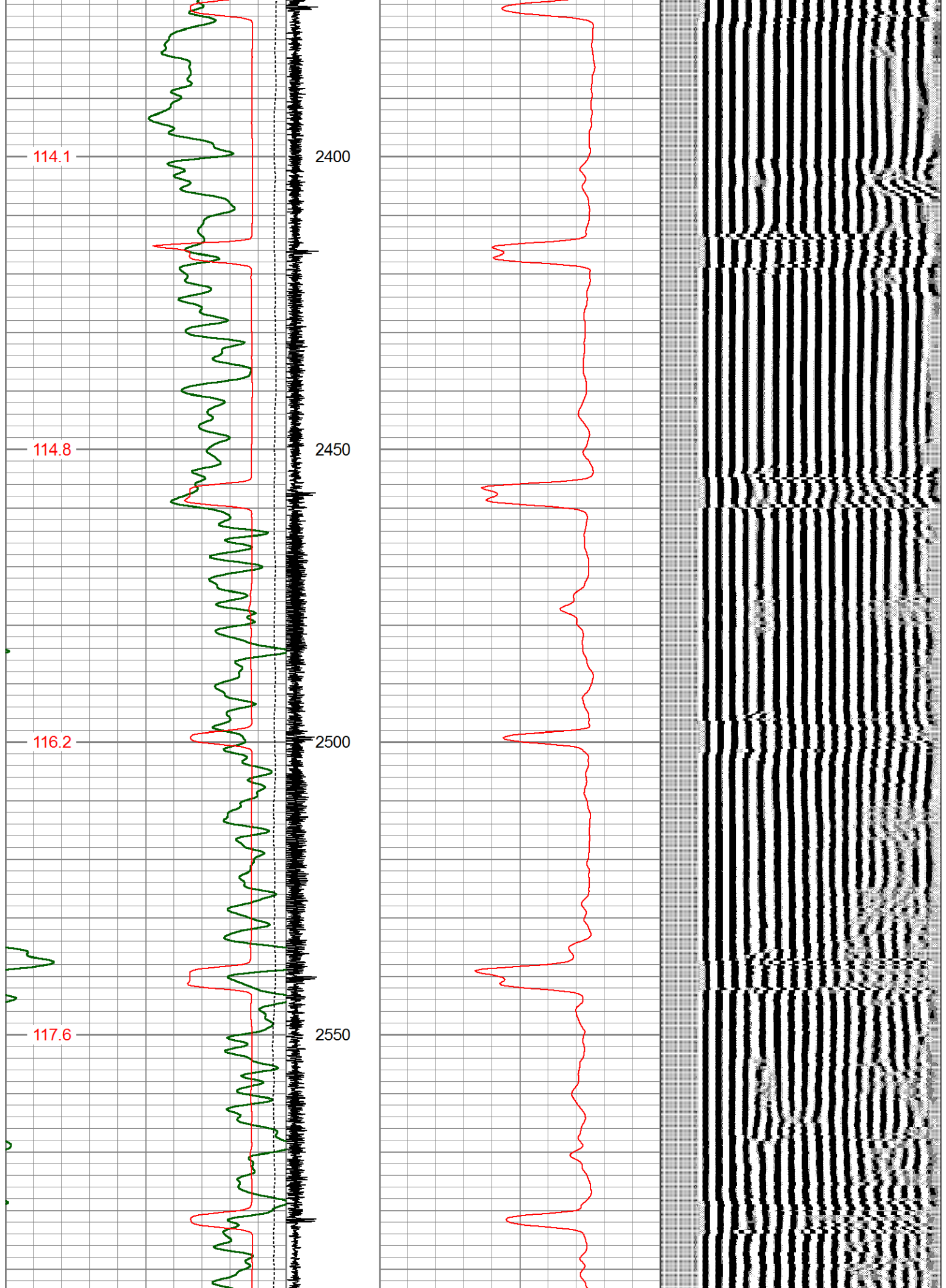


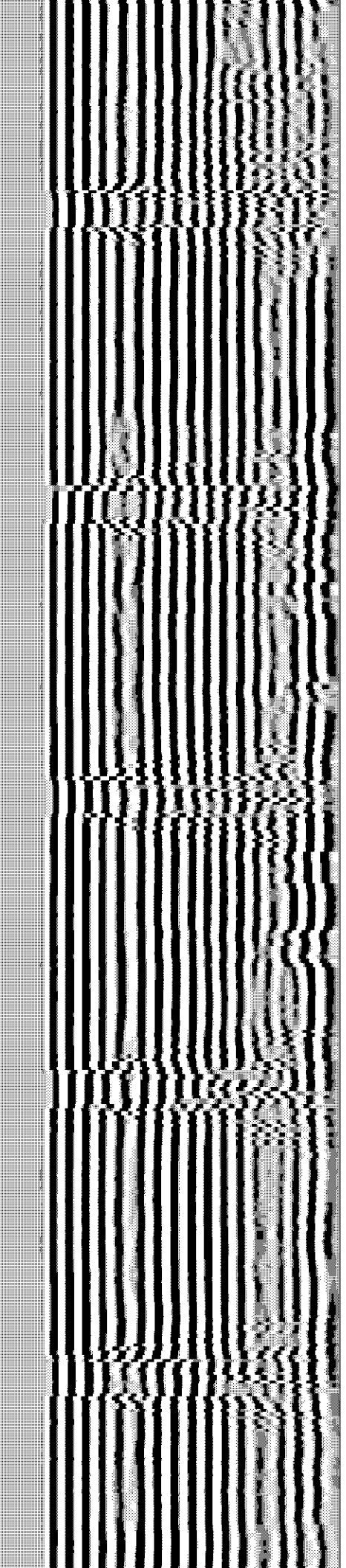
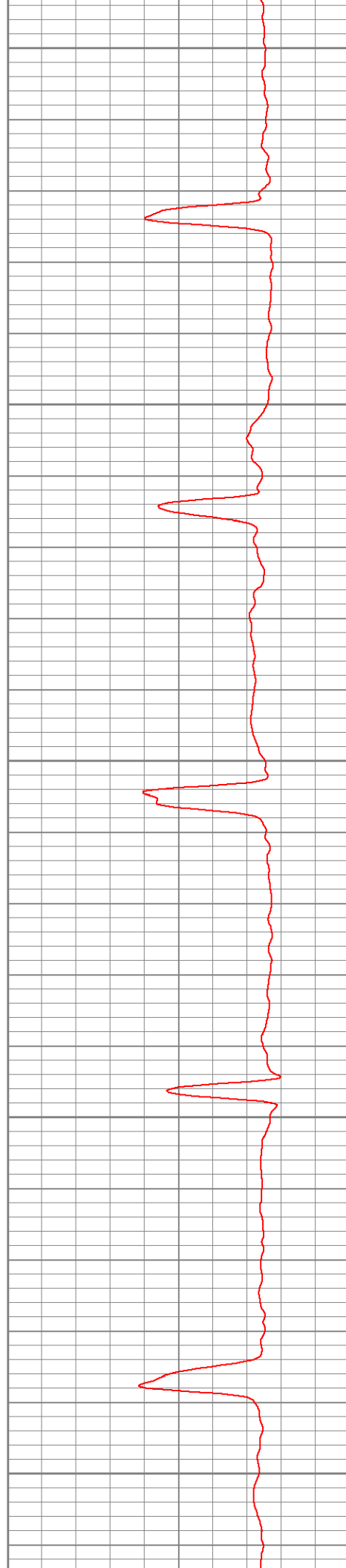
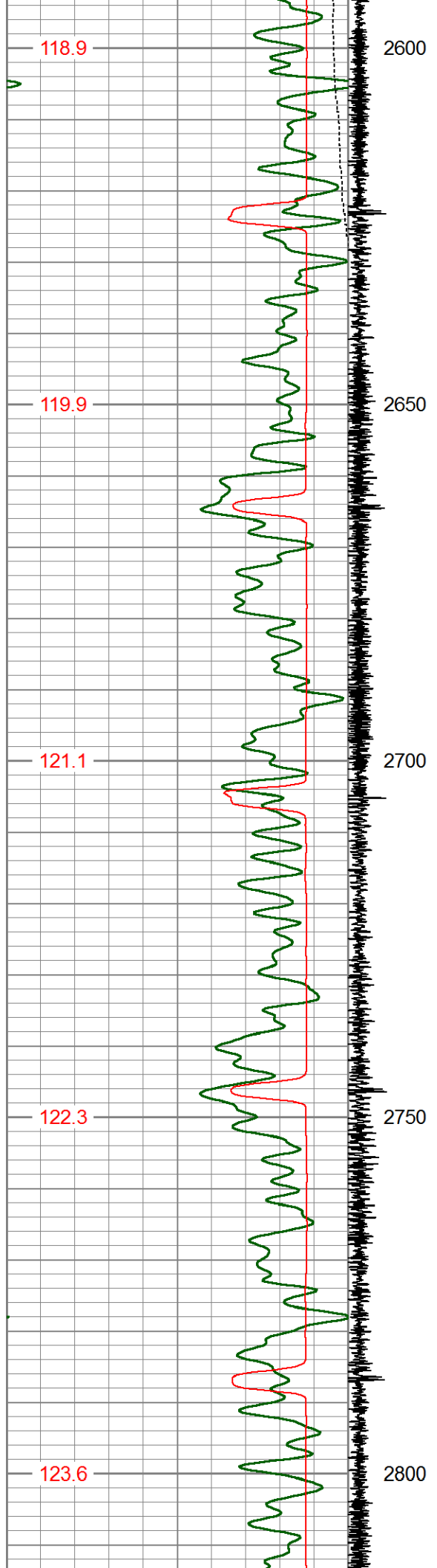


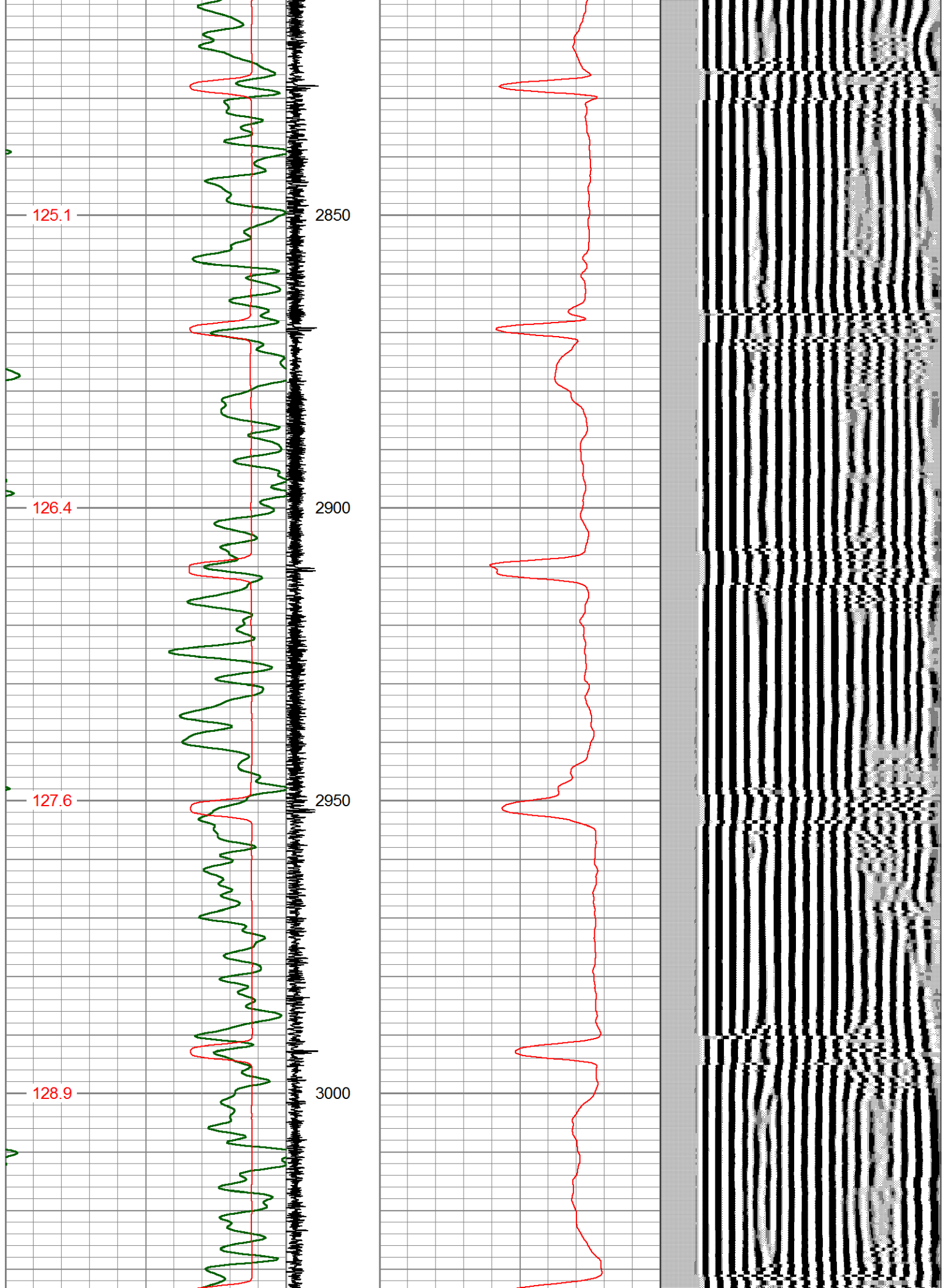


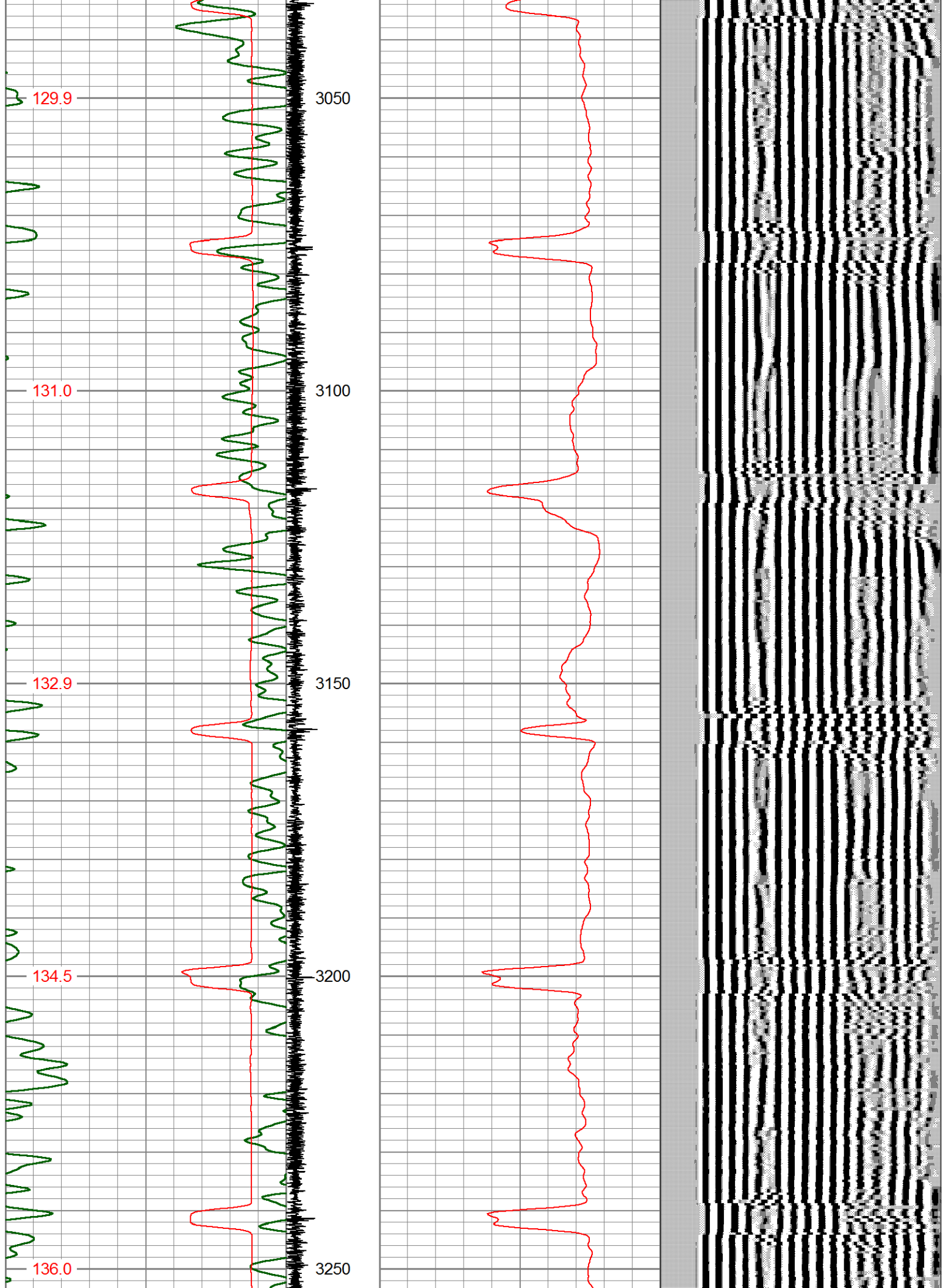


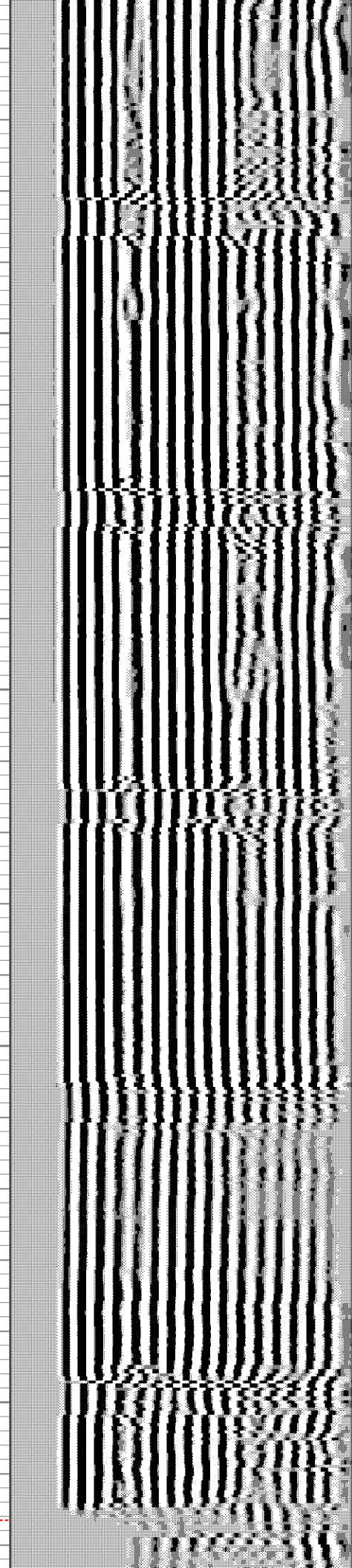
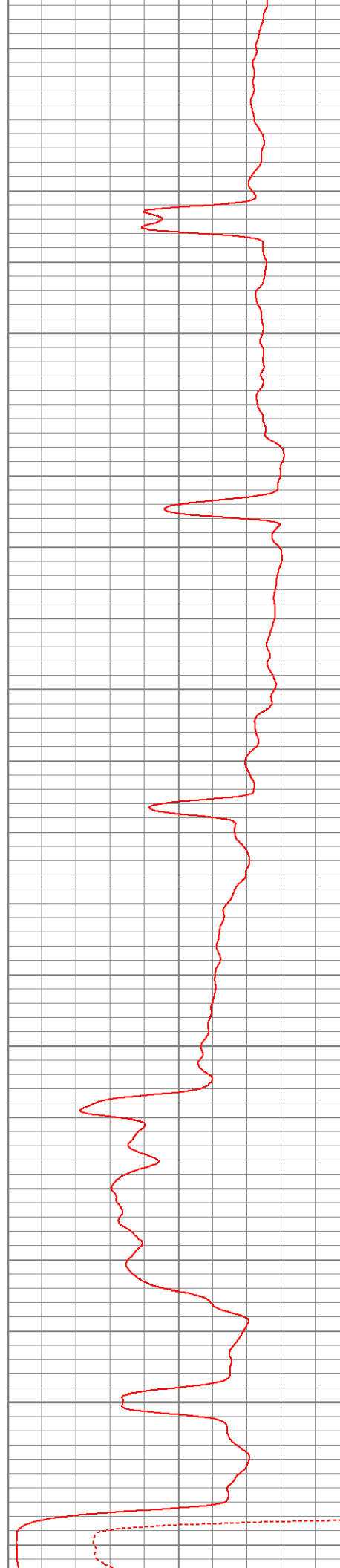
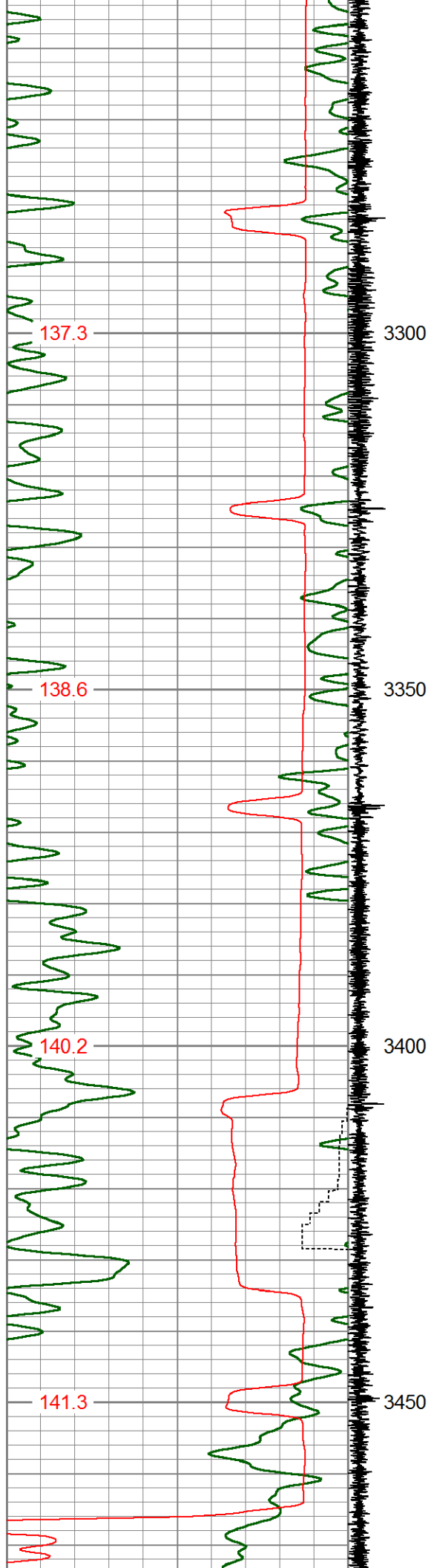


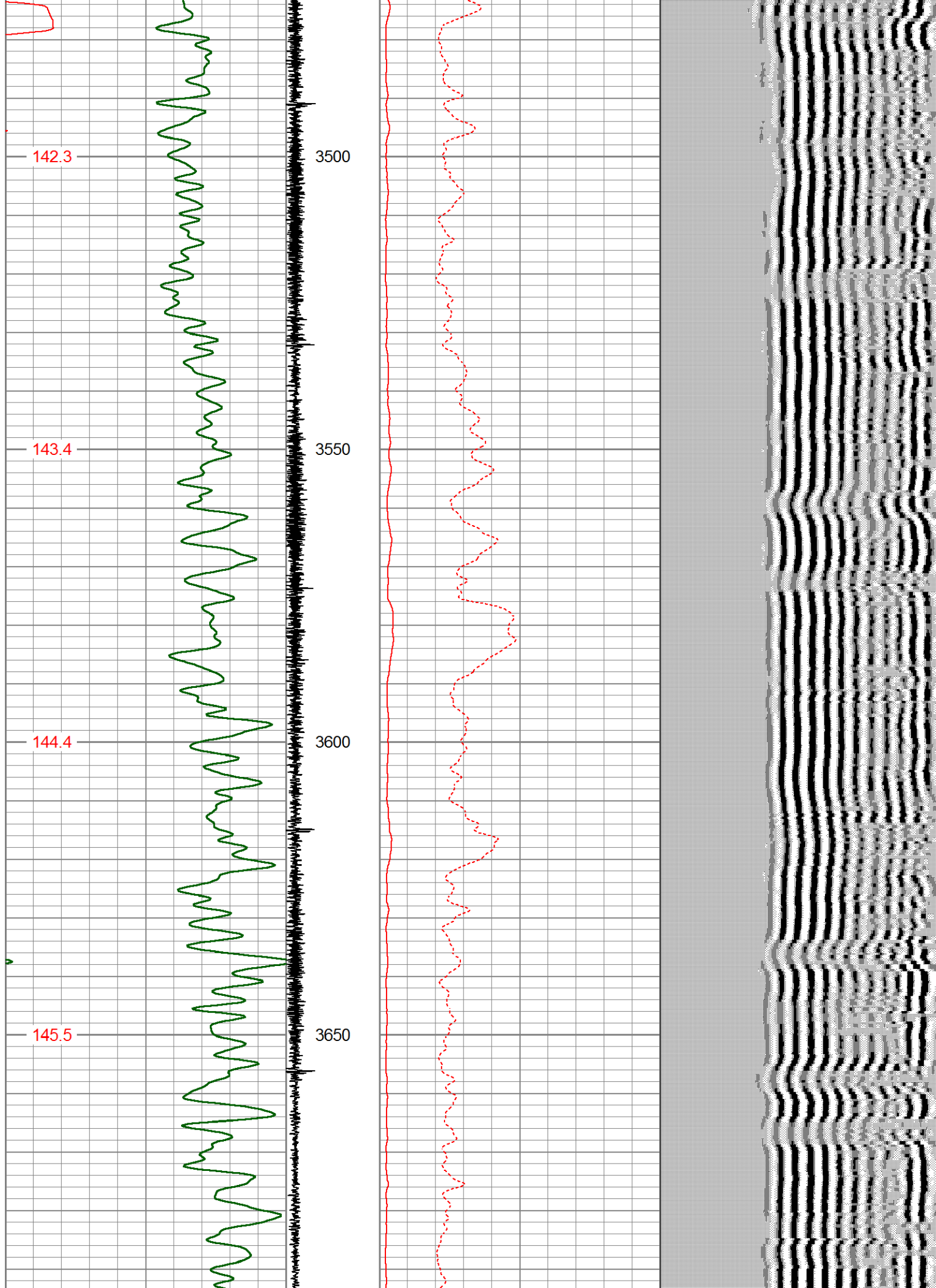


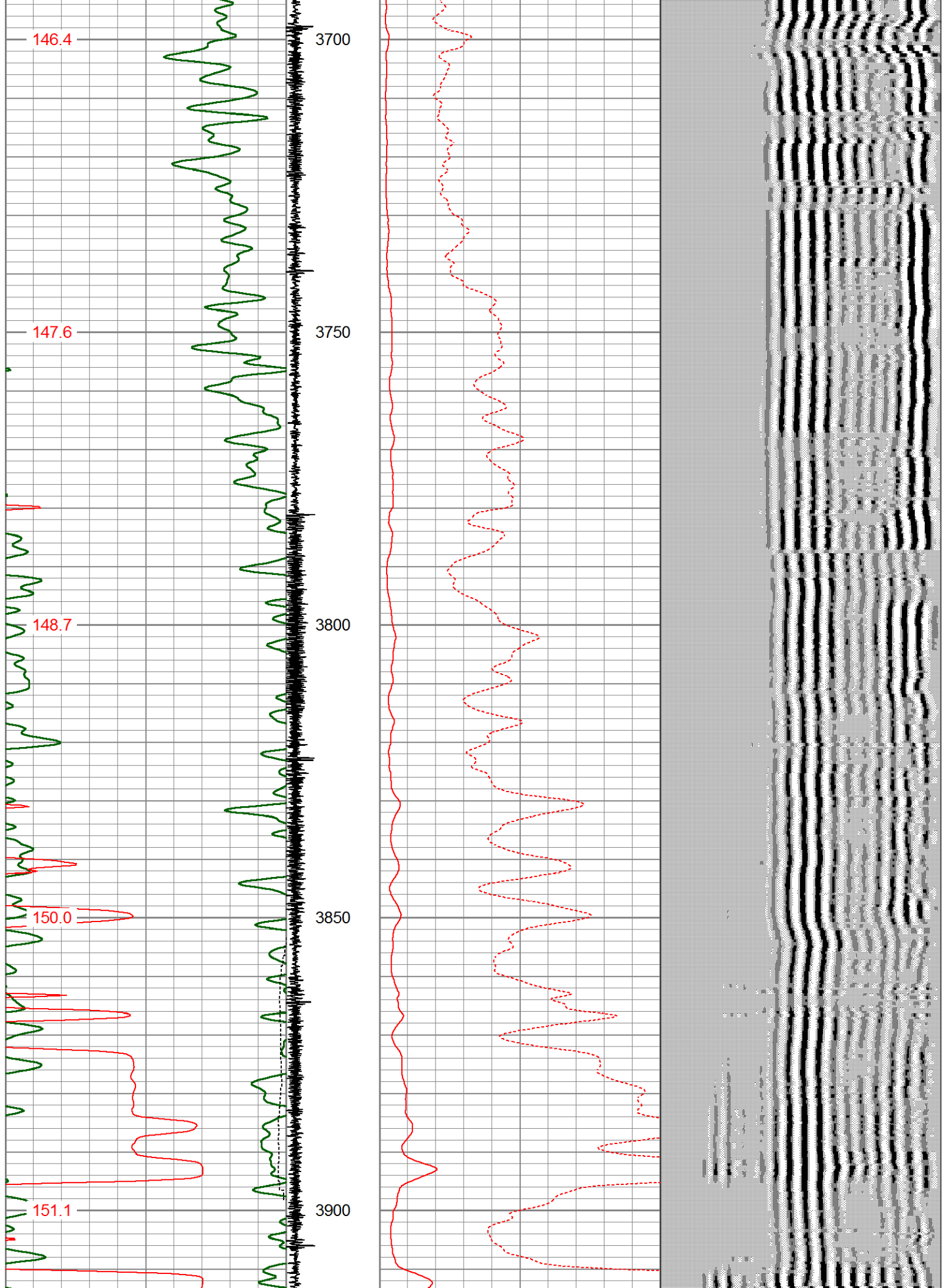


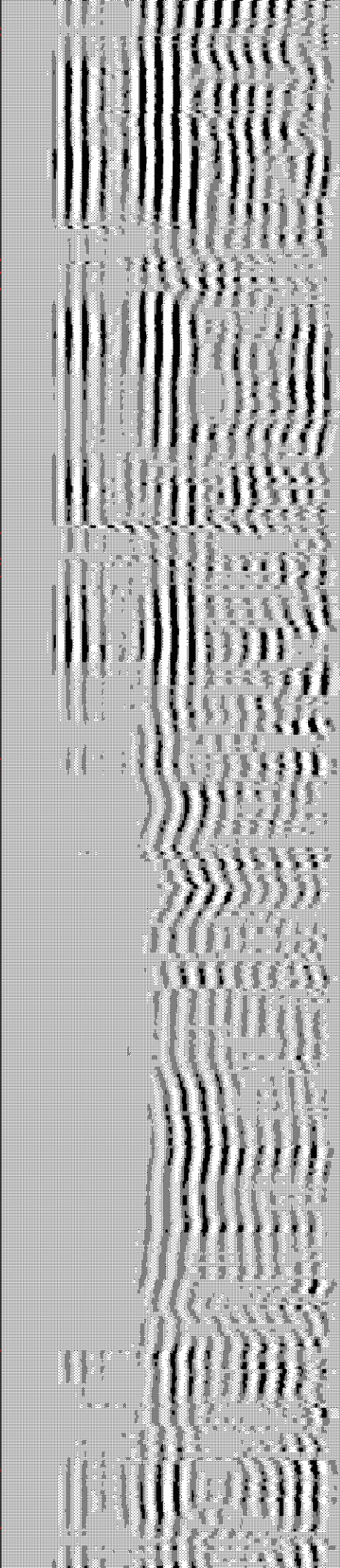
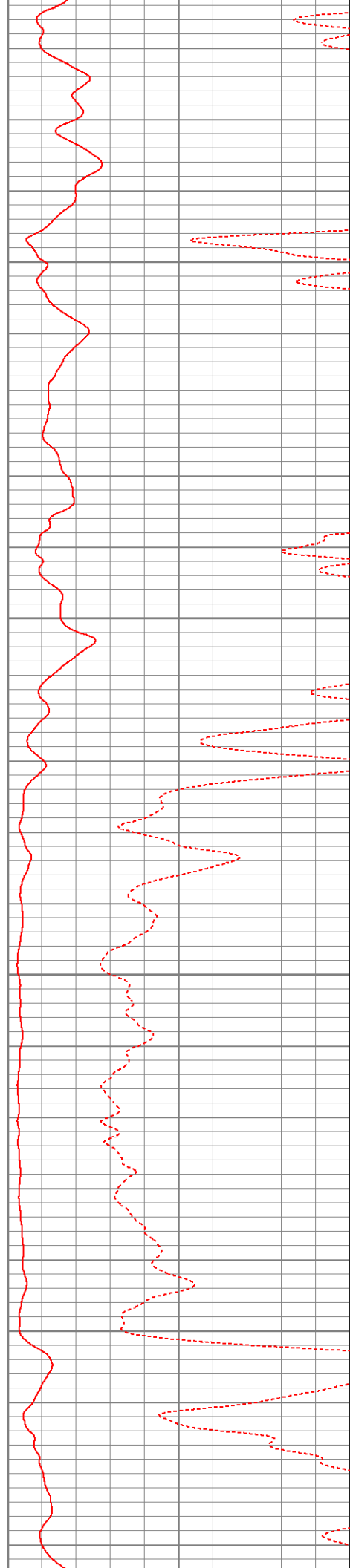
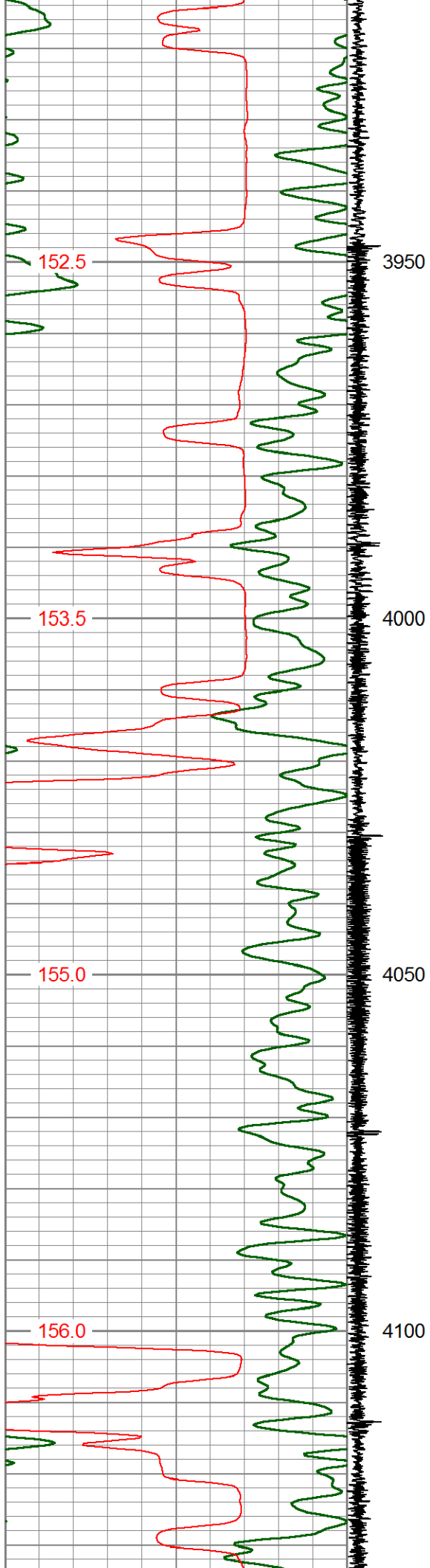


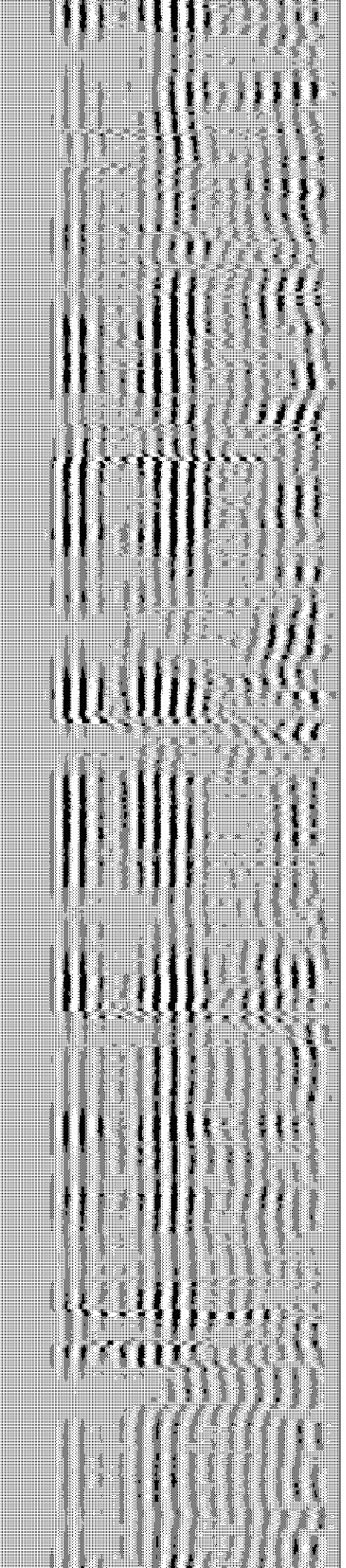
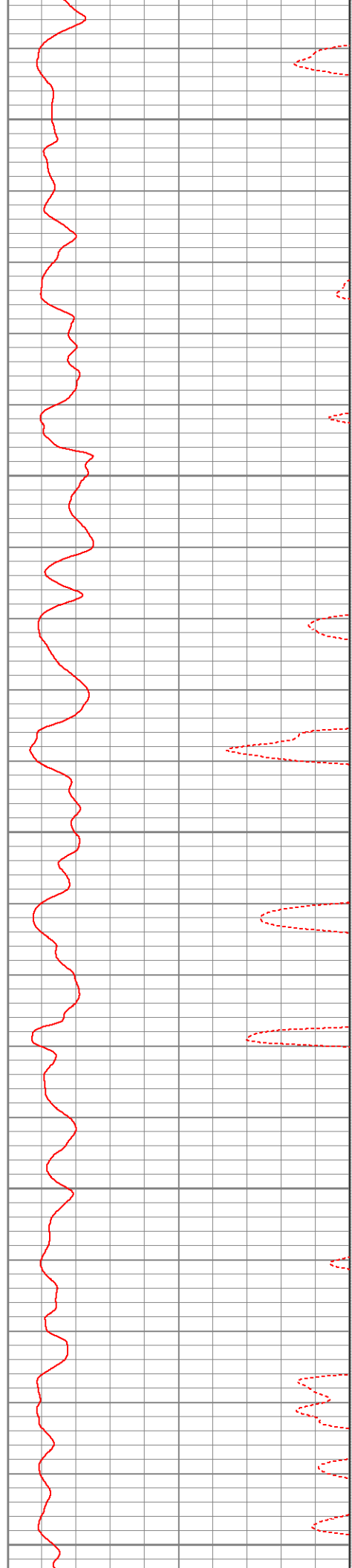
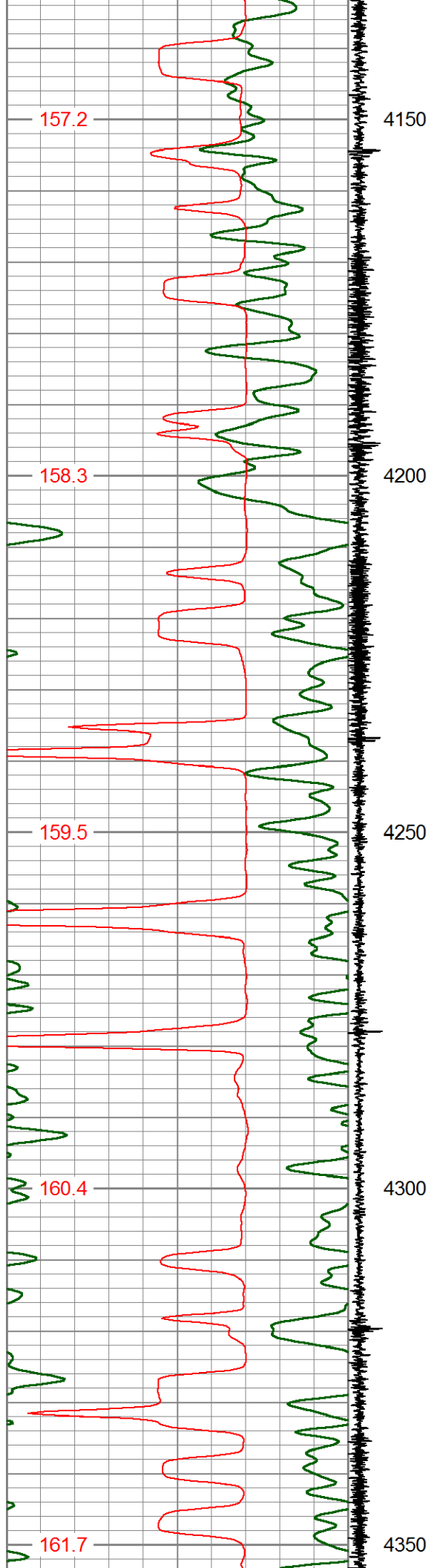


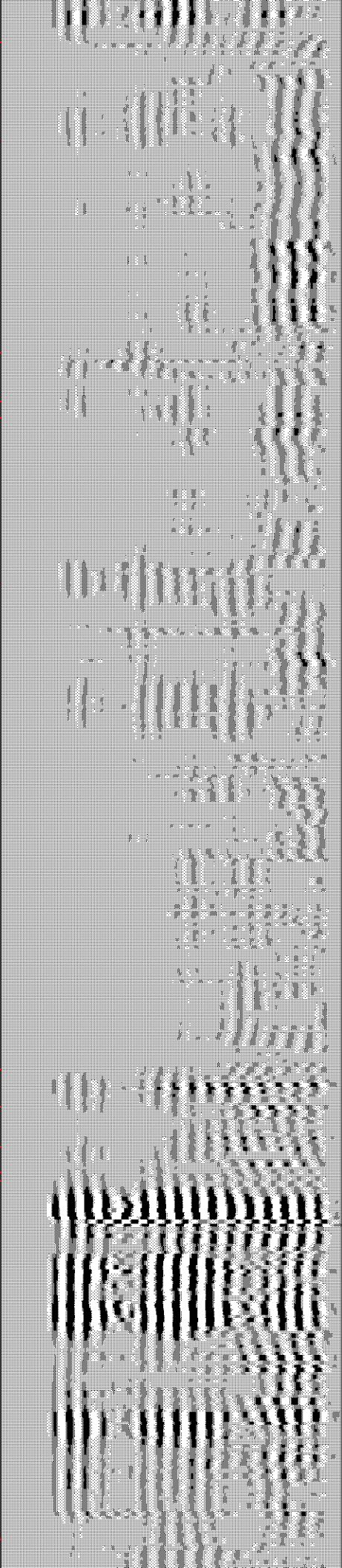
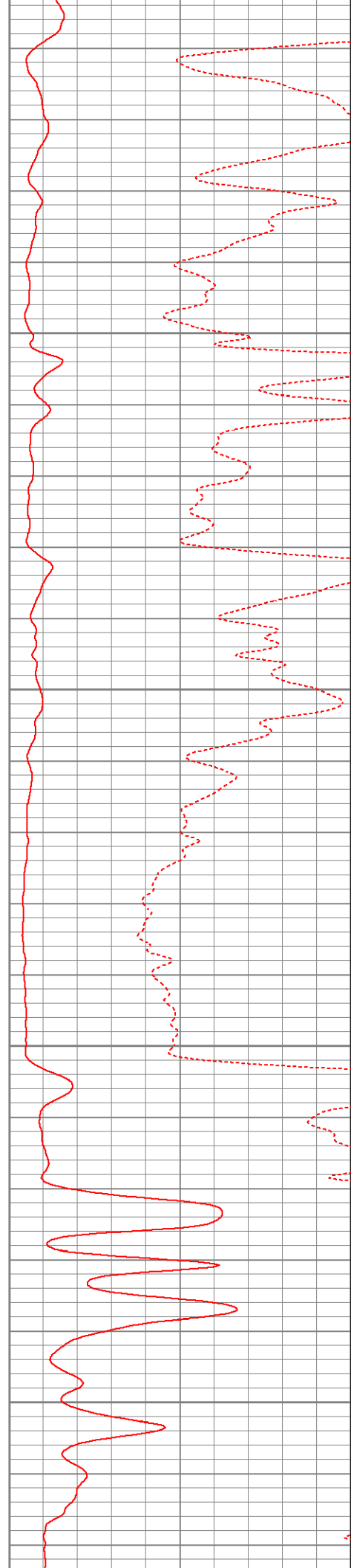
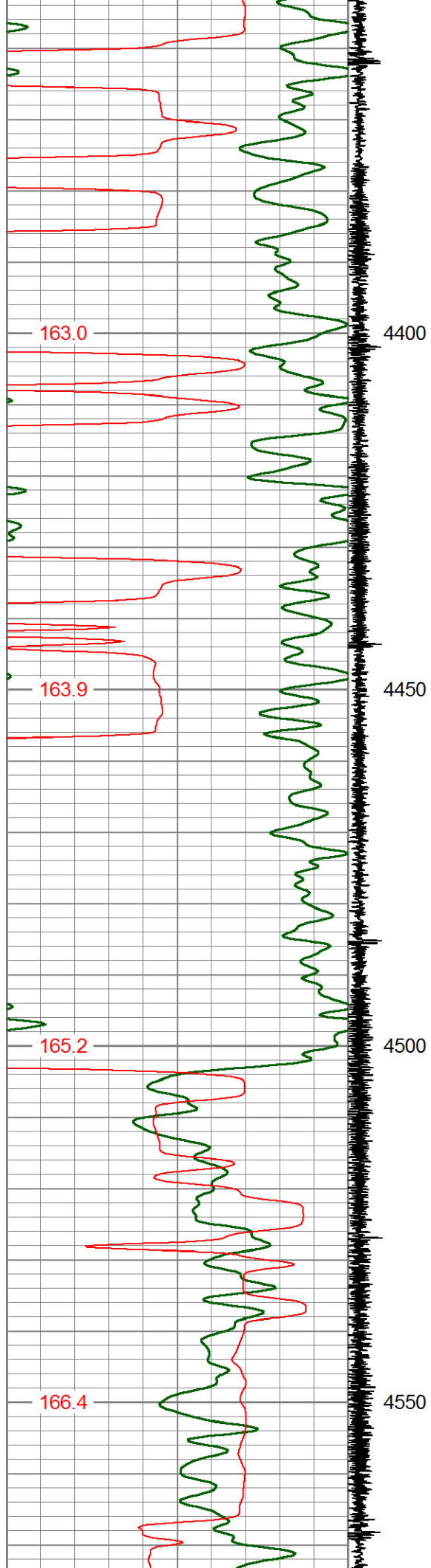


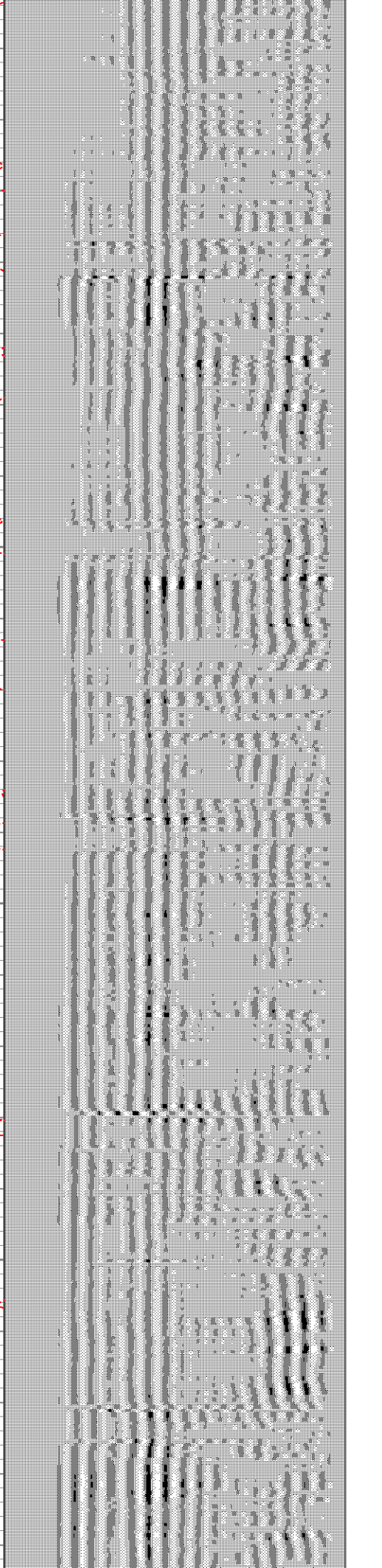
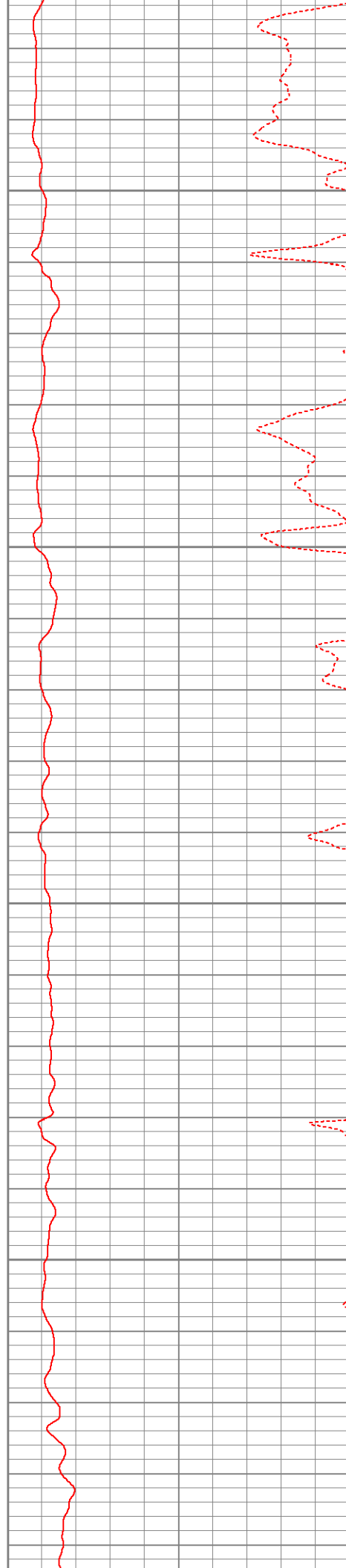
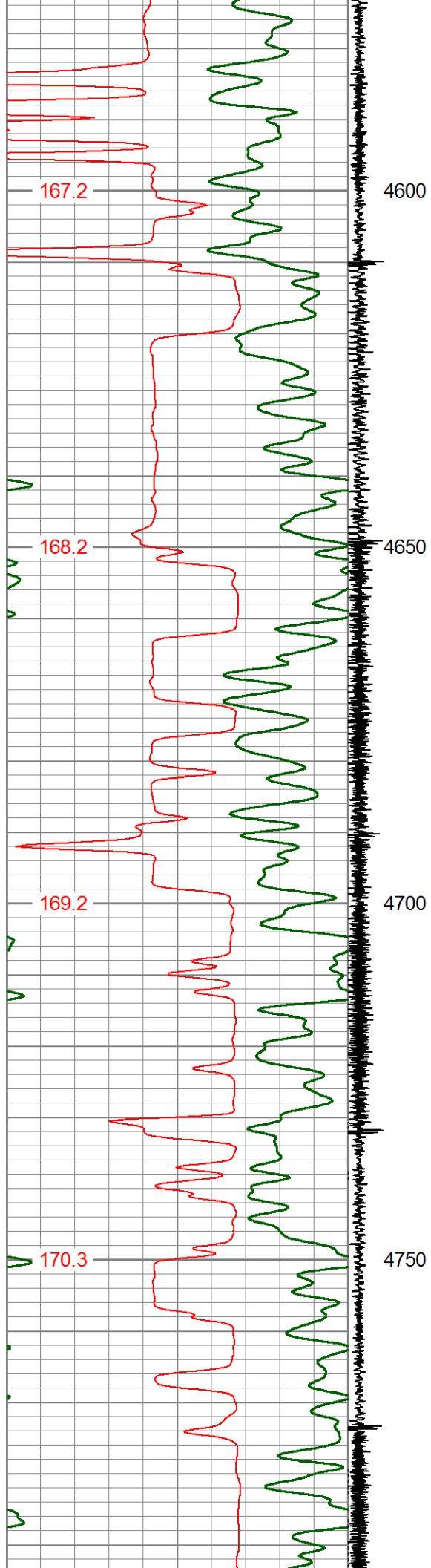


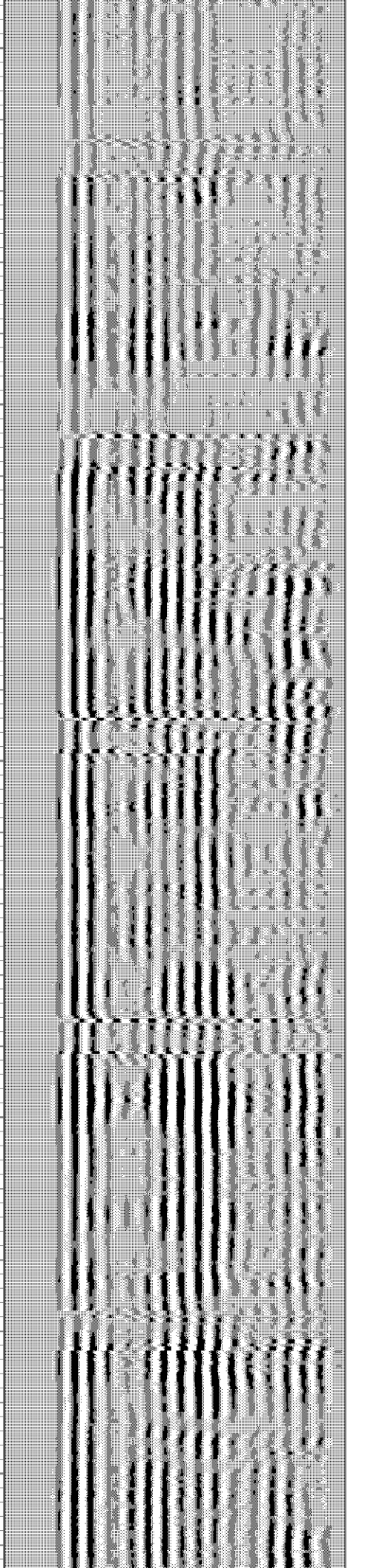
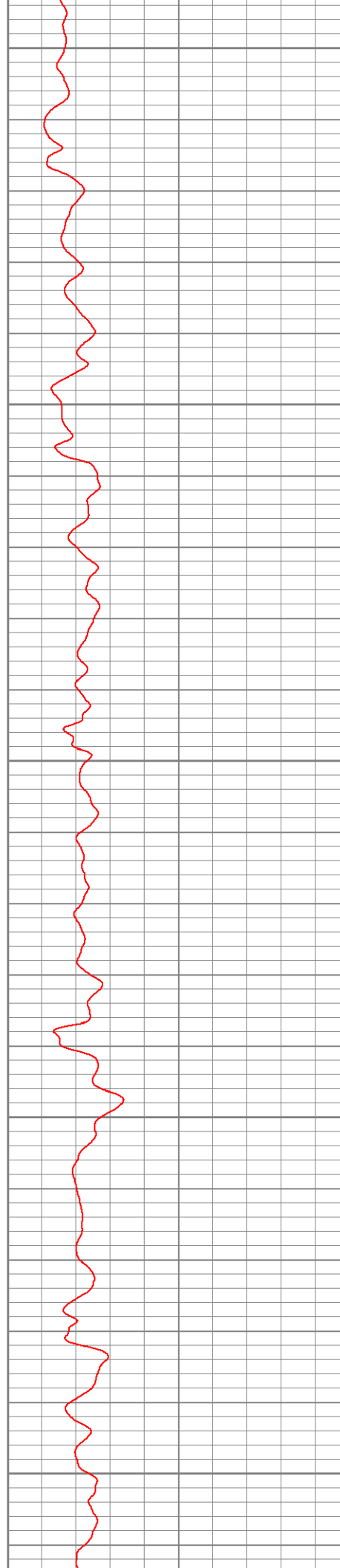
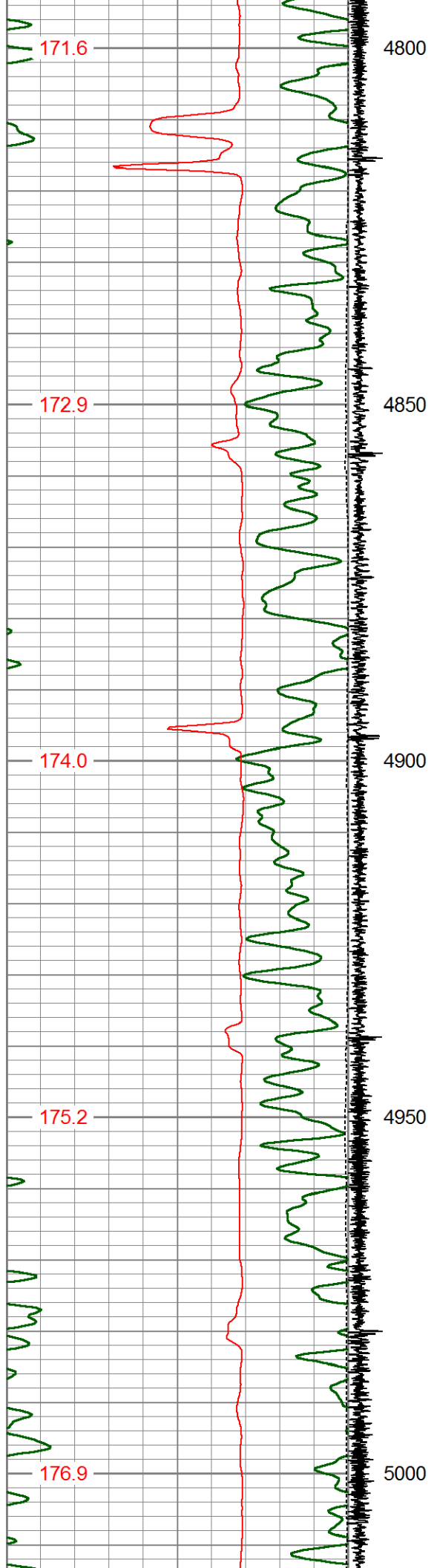


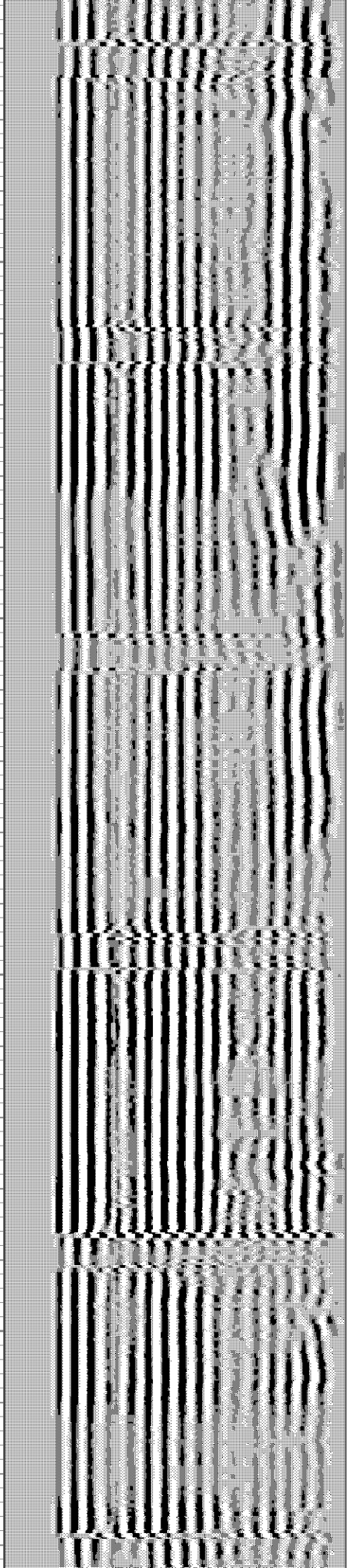
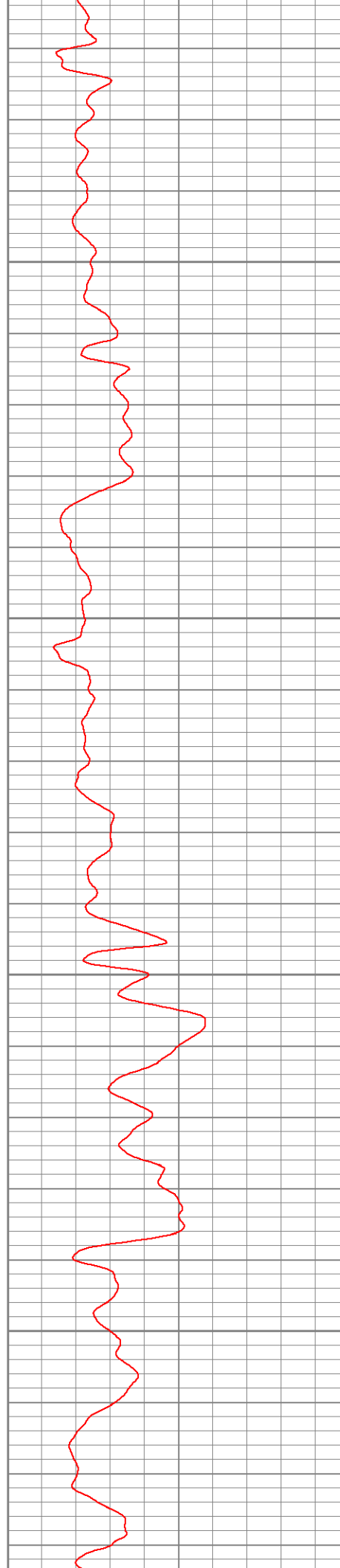
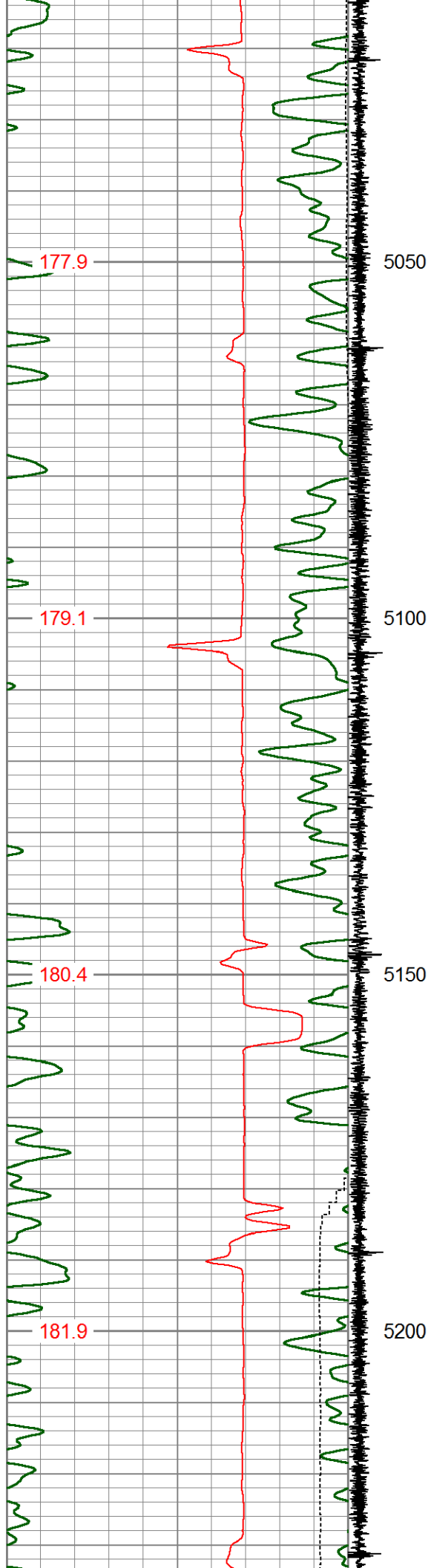


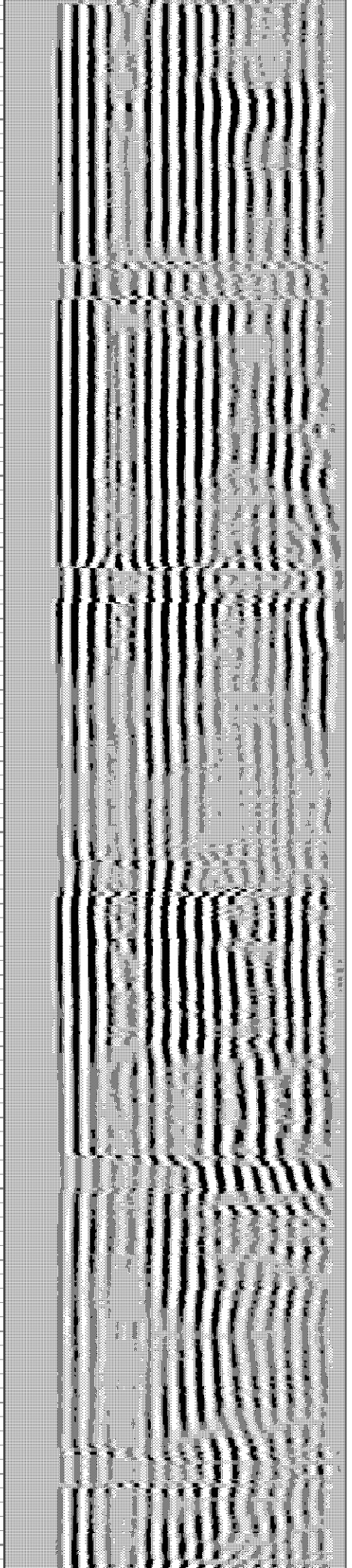
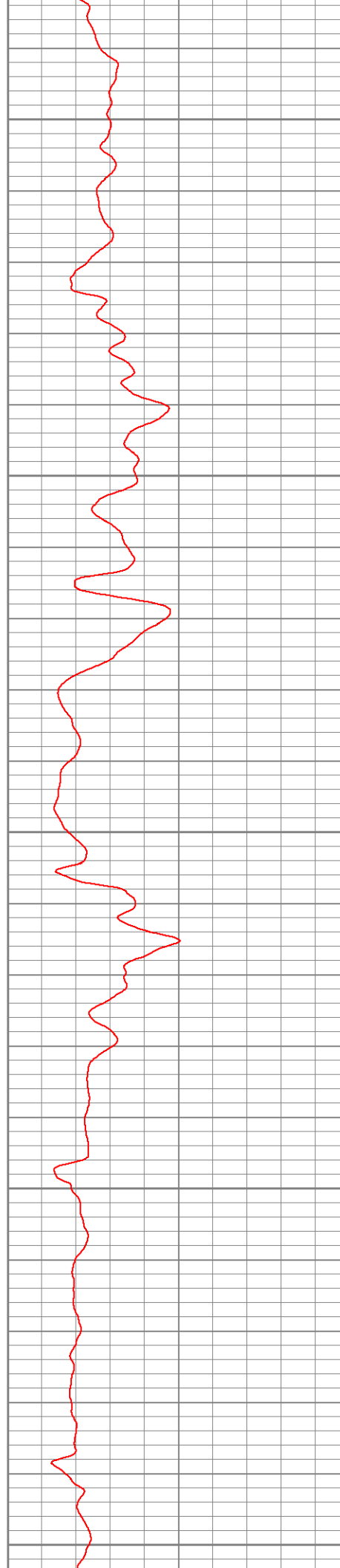
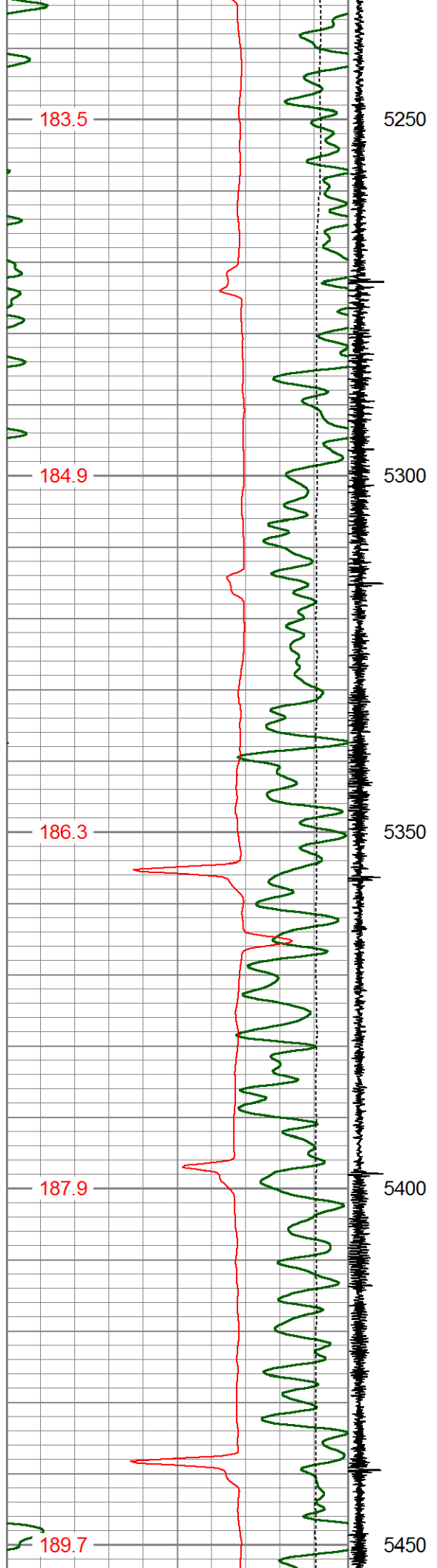


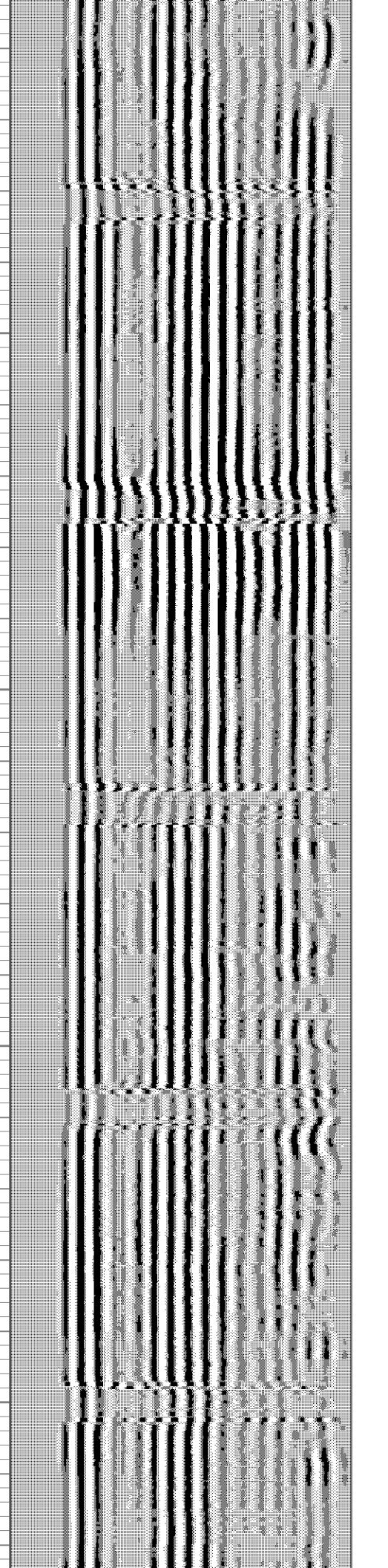
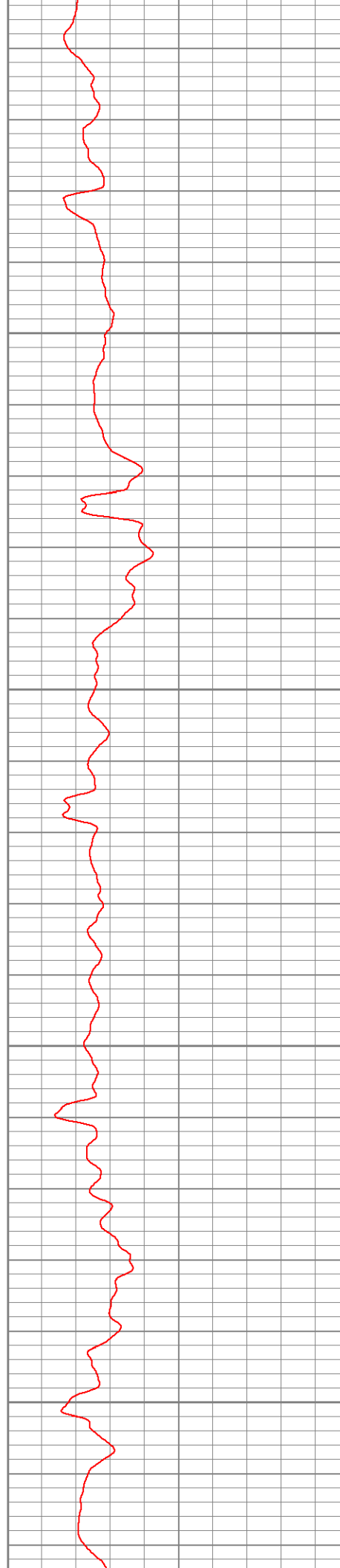
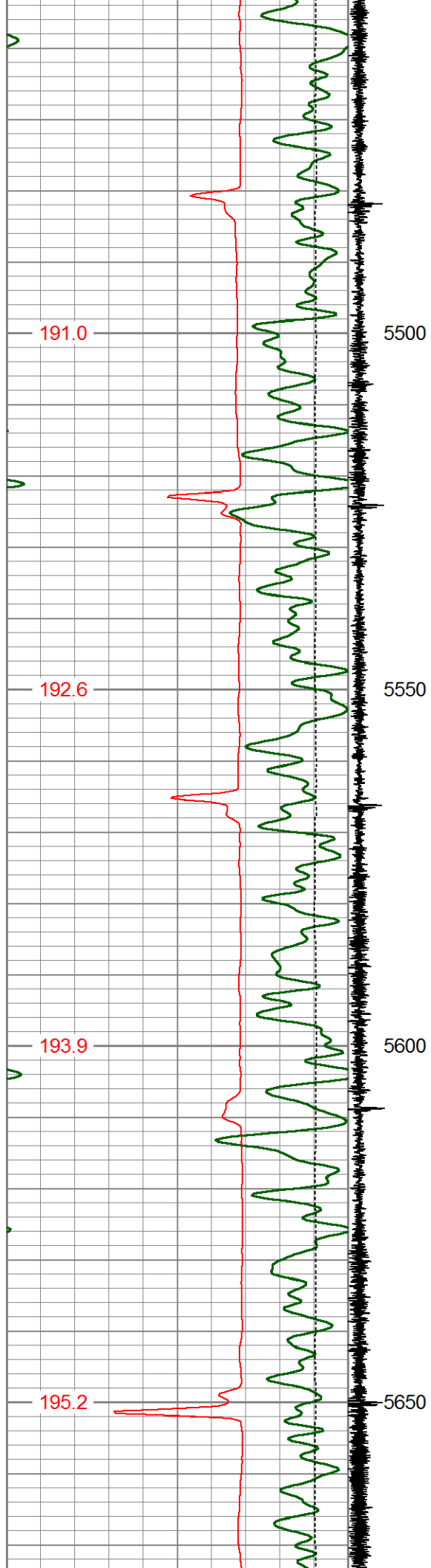


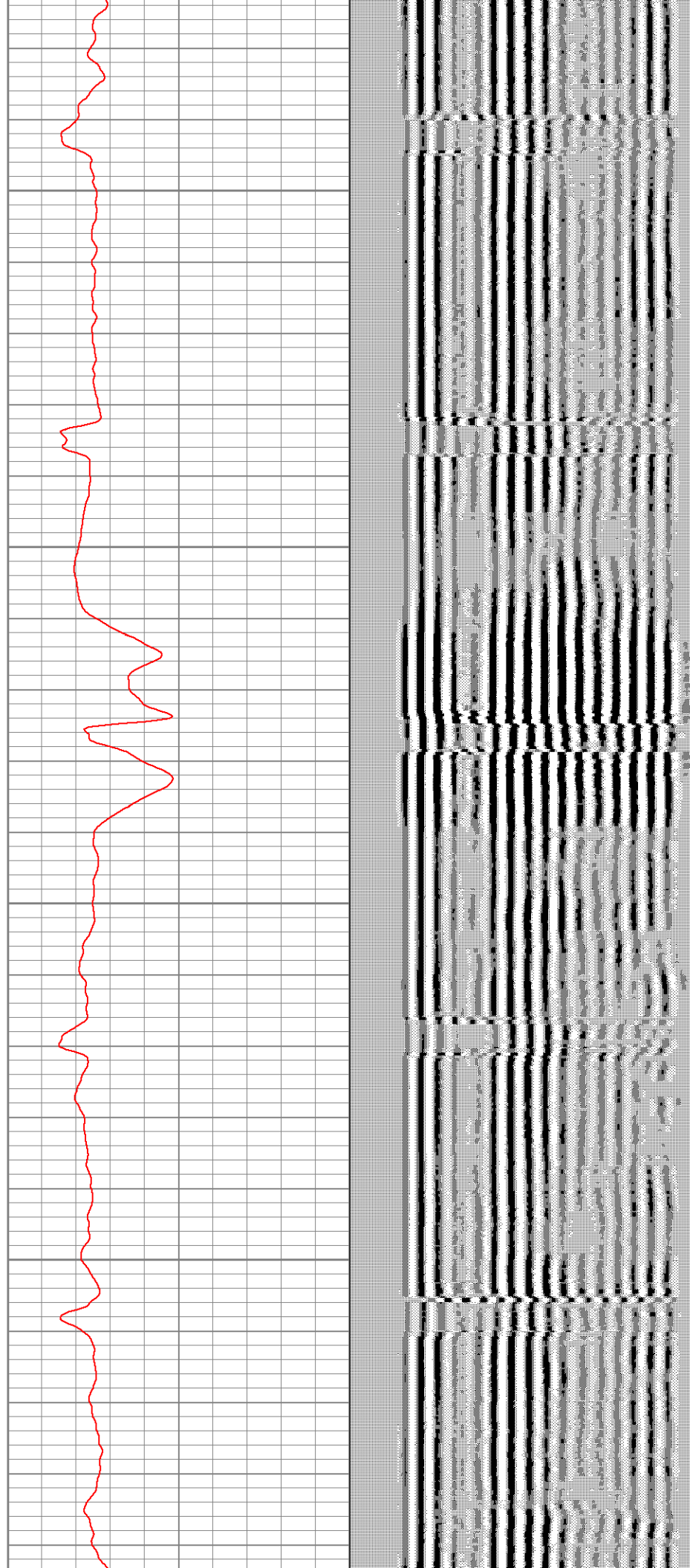
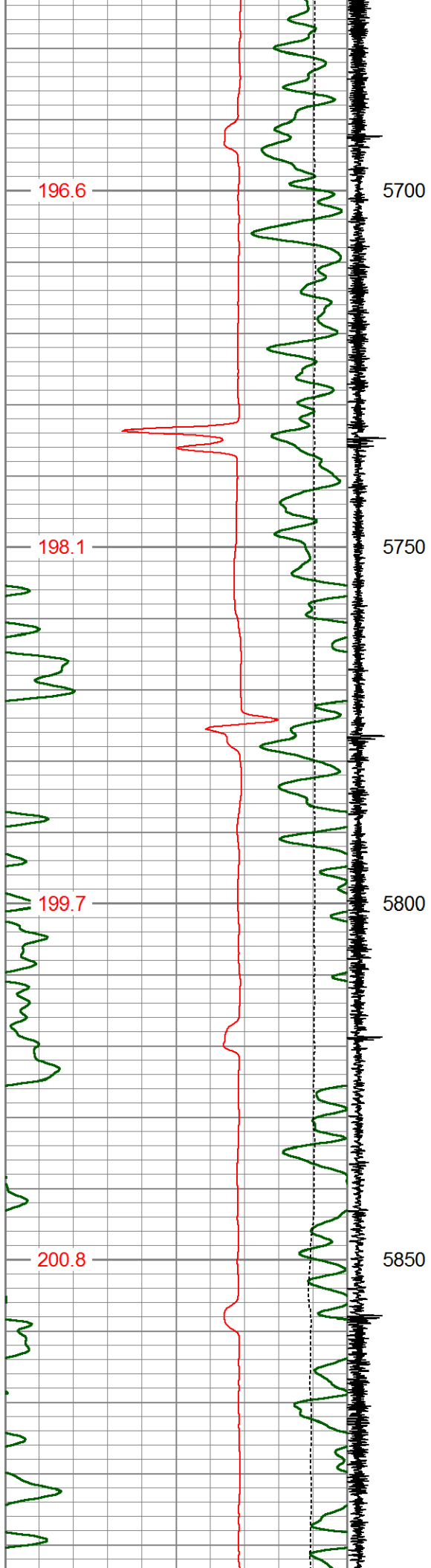


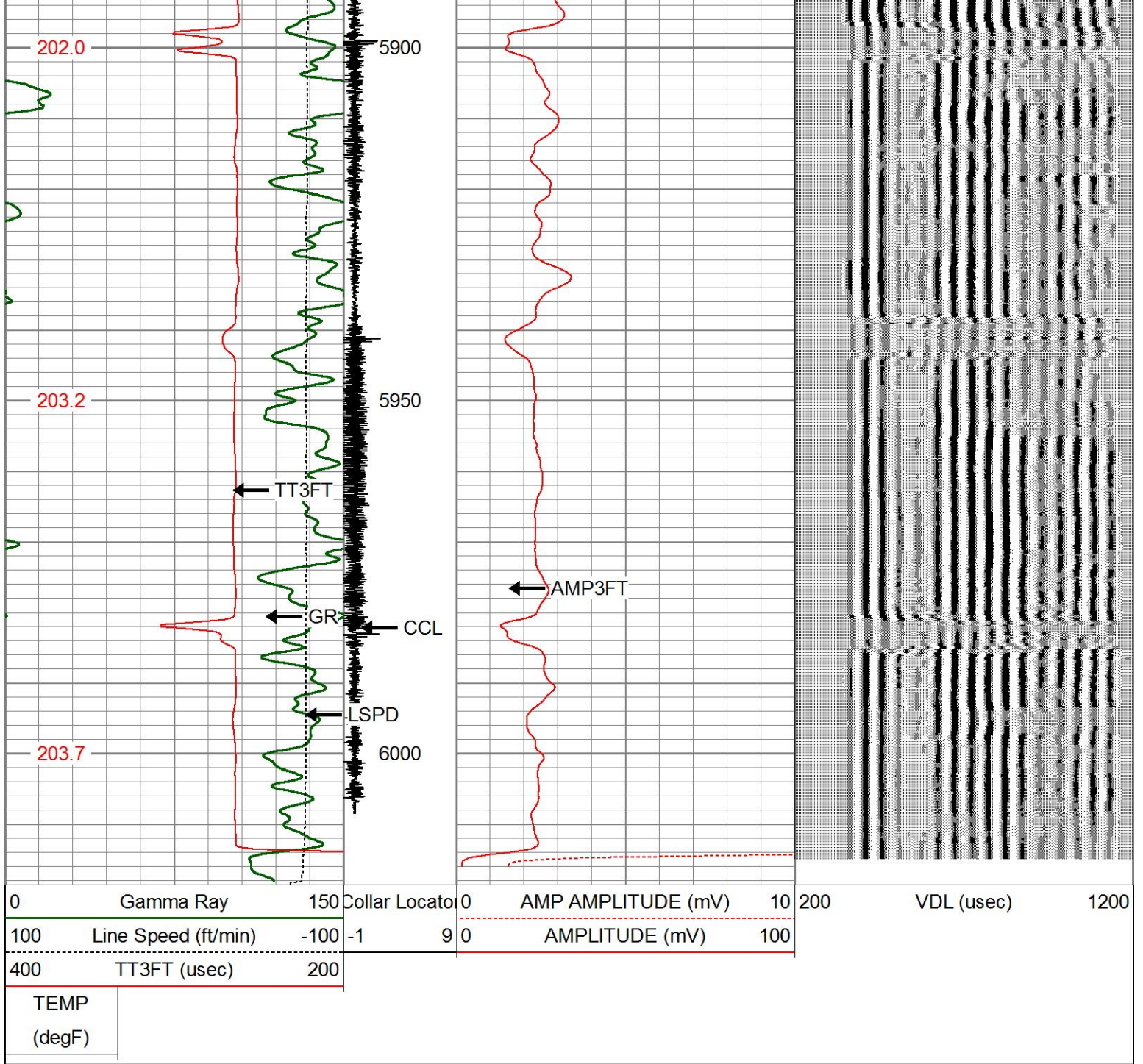








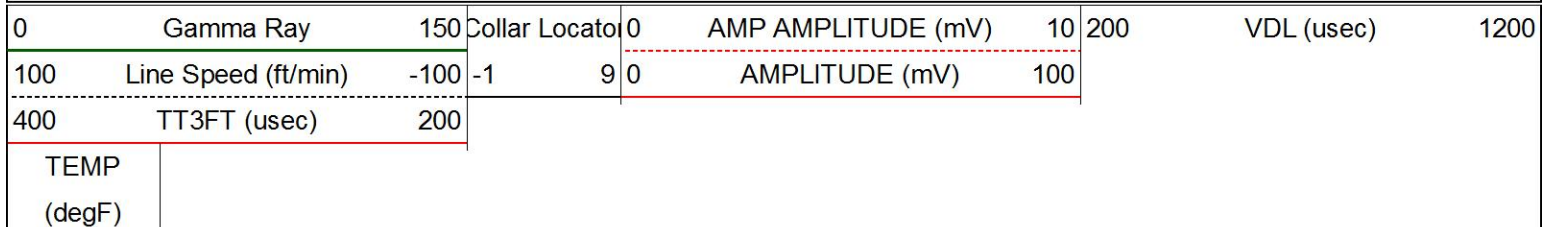


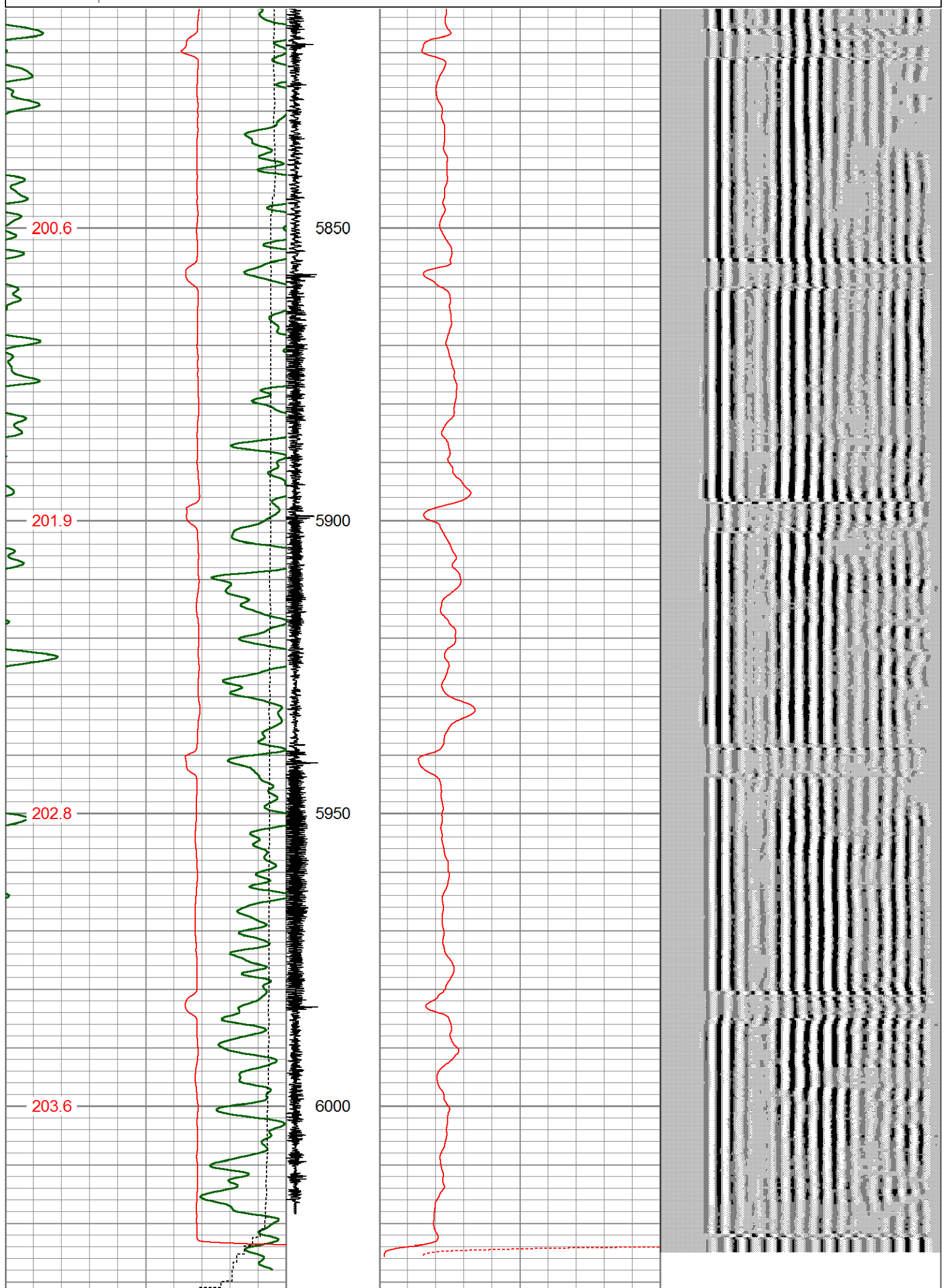


**Brand X**  
Wireline LLC

# REPEAT PASS

Database File windsor 35-2 cbl.db  
 Dataset Pathname cbl1  
 Presentation Format cbl\_drs  
 Dataset Creation Fri May 22 08:59:12 2020  
 Charted by Depth in Feet scaled 1:240





|        |                     |      |                |   |                    |     |     |            |      |
|--------|---------------------|------|----------------|---|--------------------|-----|-----|------------|------|
| 0      | Gamma Ray           | 150  | Collar Locator | 0 | AMP AMPLITUDE (mV) | 10  | 200 | VDL (usec) | 1200 |
| 100    | Line Speed (ft/min) | -100 | -1             | 9 | AMPLITUDE (mV)     | 100 |     |            |      |
| 400    | TT3FT (usec)        | 200  |                |   |                    |     |     |            |      |
| TEMP   |                     |      |                |   |                    |     |     |            |      |
| (degF) |                     |      |                |   |                    |     |     |            |      |

### Calibration Report

Database File windsor 35-2 cbl.db  
Dataset Pathname cbl2  
Dataset Creation Fri May 22 09:02:57 2020

#### Gamma Ray Calibration Report

Serial Number: IT9K4-01  
Tool Model: 275 TekCo  
Performed: Sat Feb 29 17:38:08 2020  
  
Calibrator Value: 1.0  
  
Background Reading: 0.0 cps  
Calibrator Reading: 1.0 cps  
  
Sensitivity: 1.0000 /cps

#### Segmented Cement Bond Log Calibration Report

Serial Number: IU953-01  
Tool Model: 275 TekCo w Temp  
  
Calibration Casing Diameter: 4.500 in  
Calibration Depth: 2115.705 ft

Master Calibration, performed Fri May 22 08:42:31 2020:

|     | Raw (v) |       | Calibrated (mv) |         | Results |        |
|-----|---------|-------|-----------------|---------|---------|--------|
|     | Zero    | Cal   | Zero            | Cal     | Gain    | Offset |
| 3'  | -0.000  | 1.124 | 1.500           | 81.196  | 70.860  | 1.524  |
| CAL | 0.586   | 0.586 |                 |         |         |        |
| 5'  | -0.002  | 1.110 | 1.500           | 81.196  | 71.635  | 1.669  |
| SUM |         |       |                 |         |         |        |
| S1  | 0.039   | 0.899 | 0.000           | 100.000 | 116.296 | -4.524 |
| S2  | 0.044   | 1.016 | 0.000           | 100.000 | 102.862 | -4.529 |
| S3  | 0.045   | 1.051 | 0.000           | 100.000 | 99.419  | -4.511 |
| S4  | 0.046   | 1.086 | 0.000           | 100.000 | 96.155  | -4.433 |
| S5  | 0.048   | 1.041 | 0.000           | 100.000 | 100.643 | -4.815 |
| S6  | 0.058   | 1.072 | 0.000           | 100.000 | 98.617  | -5.755 |
| S7  | 0.041   | 0.963 | 0.000           | 100.000 | 108.469 | -4.463 |
| S8  | 0.038   | 0.902 | 0.000           | 100.000 | 115.674 | -4.379 |

Internal Reference Calibration, performed (Not Performed):

|     | Raw (v) |       | Calibrated (v) |       | Results |        |
|-----|---------|-------|----------------|-------|---------|--------|
|     | Zero    | Cal   | Zero           | Cal   | Gain    | Offset |
| CAL | 0.000   | 0.000 | 0.586          | 0.586 | 1.000   | 0.000  |

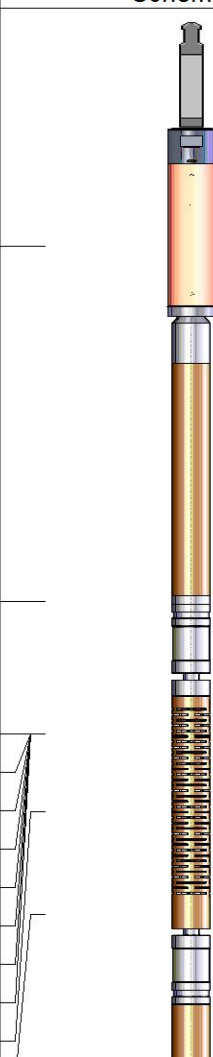
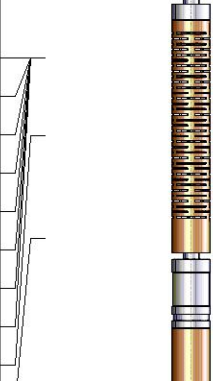
Air Zero Calibration, performed (Not Performed):

|     | 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: IU953-01  
 Tool Model: 275 TekCo w Temp  
 Performed: Fri Jul 10 14:01:14 2015

|                 | Reference | Reading   |
|-----------------|-----------|-----------|
| Low Reference:  | 0.00 degF | 0.00 usec |
| High Reference: | 1.00 degF | 1.00 usec |
| Gain:           | 0.33      |           |
| Offset:         | 0.00      |           |
| Delta Spacing   | 1         |           |

| Sensor | Offset (ft) | Schematic   | Description   | Length (ft) | O.D. (in) | Weight (lb) |
|--------|-------------|---|---|-------------|-----------|-------------|
| CCL    | 16.10       |  | Cable Head-Titan<br>1 11/16" Titan Cable Head                                 | 1.03        | 1.69      | 2.00        |
|        |             |   | CCL_Logging-275 TekCo_2 (IFRK1-03)<br>2 3/4"                                  | 1.83        | 2.75      | 15.00       |
| TEMP   | 12.67       |   |   |             |           |             |
| WVFS8  | 11.38       |  | SCBL-275 TekCo w Temp (IU953-01)<br>TekCo 2 3/4" Sector Tool with Temperature | 9.13        | 2.75      | 102.00      |
| WVFS7  | 11.38       |   |   |             |           |             |
| WVFS6  | 11.38       |   |   |             |           |             |
| WVFS5  | 11.38       |   |   |             |           |             |
| WVFS4  | 11.38       |   |   |             |           |             |
| WVFS3  | 11.38       |   |   |             |           |             |
| WVFS2  | 11.38       |   |   |             |           |             |
| WVFS1  | 11.38       |   |   |             |           |             |
| WVF3FT | 10.63       |   |   |             |           |             |

|         |      |   |  |      |      |       |
|---------|------|---|--|------|------|-------|
| WVF5FT  | 9.63 |   |  |      |      |       |
| WVFSYNC | 6.29 |   |  |      |      |       |
| WVFTEMP | 6.29 |   |  |      |      |       |
| WVFCAL  | 6.29 |   |  |      |      |       |
| GR      | 3.67 |   | GR-275 TekCo (IT9K4-01)<br>TekCo 2 3/4" 400 Deg. F Logging Gamma Ray | 3.67 | 2.75 | 40.00 |
|         |      |   | Bullnose-Titan<br>GO Pin Pressure Cap                                | 0.27 | 1.38 | 1.00  |
|         |      |   | CENT-169<br>1 11/16" Centralizer                                     | 2.35 | 1.69 | 5.00  |
|         |      | <p>Dataset: windsor 35-2 cbl.db: field/well/run1/cbl2<br/> Total length: 18.28 ft<br/> Total weight: 165.00 lb<br/> O.D.: 2.75 in</p> |  |      |      |       |