



CEMENT BOND LOG

Mesa Wireline

| | |
|--------------------------------|---------------------------|
| Company | ENCANA OIL & GAS (USA) |
| Well | MARTINSON 0-6-24 |
| Field | WATTENBERG |
| County | WELD |
| State | CO |
| Company ENCANA OIL & GAS (USA) | |
| Well MARTINSON 0-6-24 | |
| Field WATTENBERG | |
| County WELD State CO | |
| Location: | API #: 05-123-32233-00000 |
| SHL: 501' FSL & 510' FWL | |
| BHL: 1250' FSL & 50' FWL | |
| SEC. 24 TWP. 4N RGE. 68W | |
| Permanent Datum | GROUND LEVEL |
| Log Measured From | KELLY BUSHING = 12' |
| Drilling Measured From | KELLY BUSHING |
| Other Services | |
| NONE | |
| Elevation | |
| K.B. 4757' | |
| D.F. 4758' | |
| G.L. 4744' | |

| | | | |
|------------------------|---------------|--------|---------|
| Date | 12 JAN 2012 | | |
| Run Number | ONE | | |
| Depth Driller | 7944' | | |
| Depth Logger | 7940' | | |
| Bottom Logged Interval | 7940' | | |
| Top Log Interval | 2450' | | |
| Open Hole Size | 7.875" | | |
| Type Fluid | WATER | | |
| Density / Viscosity | ~8.34 LBS/GAL | | |
| Max. Recorded Temp. | 280 DegF | | |
| Estimated Cement Top | 3110' | | |
| Time Well Ready | N/A | | |
| Time Logger on Bottom | N/A | | |
| Equipment Number | 10801W/PB01 | | |
| Location | AULT, CO | | |
| Recorded By | B. MAYNARICH | | |
| Witnessed By | TOM MAJORS | | |
| Borehole Record | | | |
| Run Number | Bit | From | To |
| ONE | 12.25" | 0 | 552' |
| TWO | 7.875" | 0 | 7957' |
| Tubing Record | | | |
| | Size | Weight | From |
| Casing Record | Size | Wgt/Ft | Top |
| Surface String | 8.625" | 24# | SURFACE |
| Prot. String | | | |
| Production String | 4.5" | 11.6# | SURFACE |
| Liner | | | 7944' |

<<< 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

NO LOGS AVAILABLE TO CORRELATE TO.
SHORT JOINT: 6970'-6993'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0458



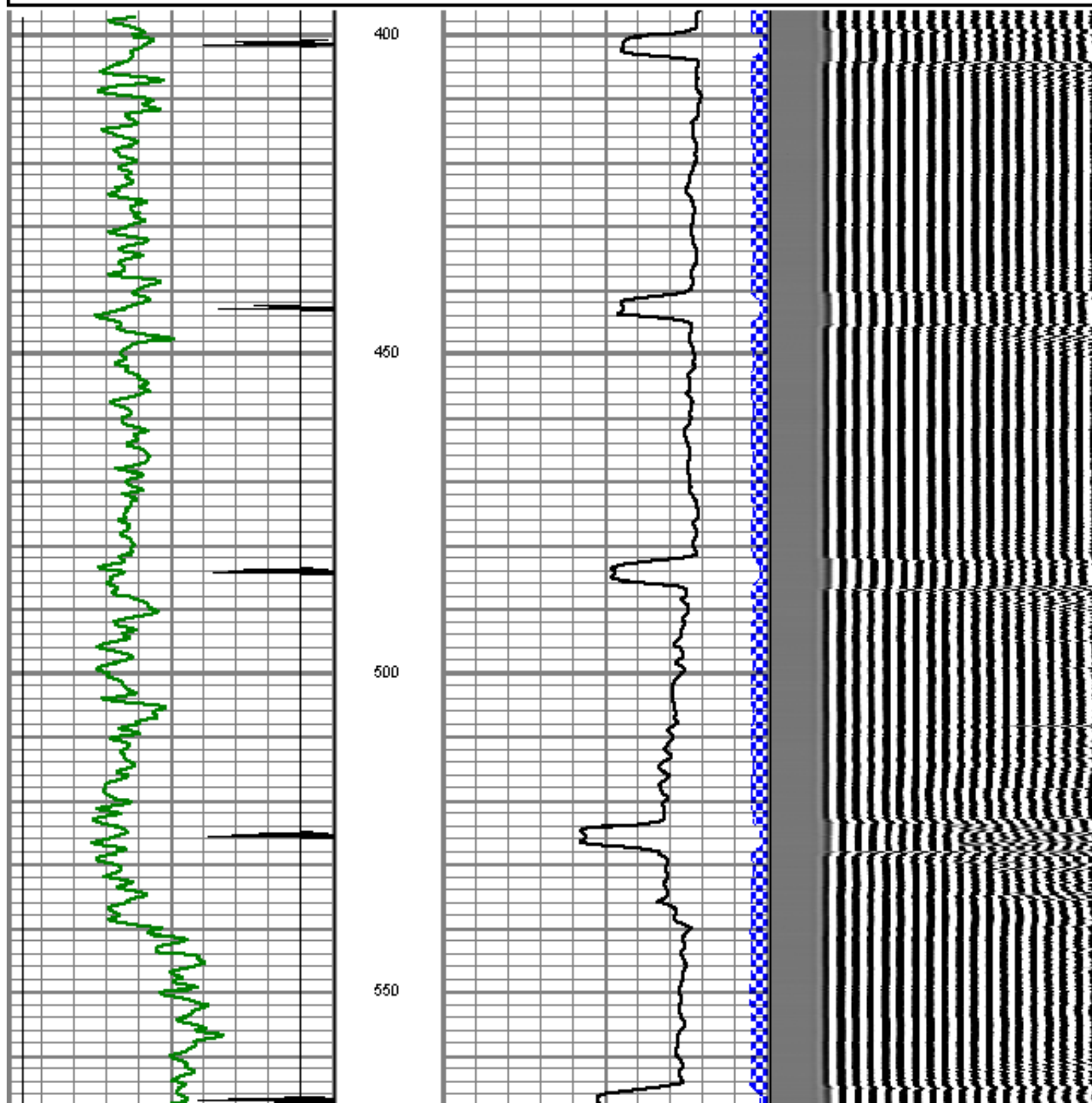
SURFACE CASING PASS

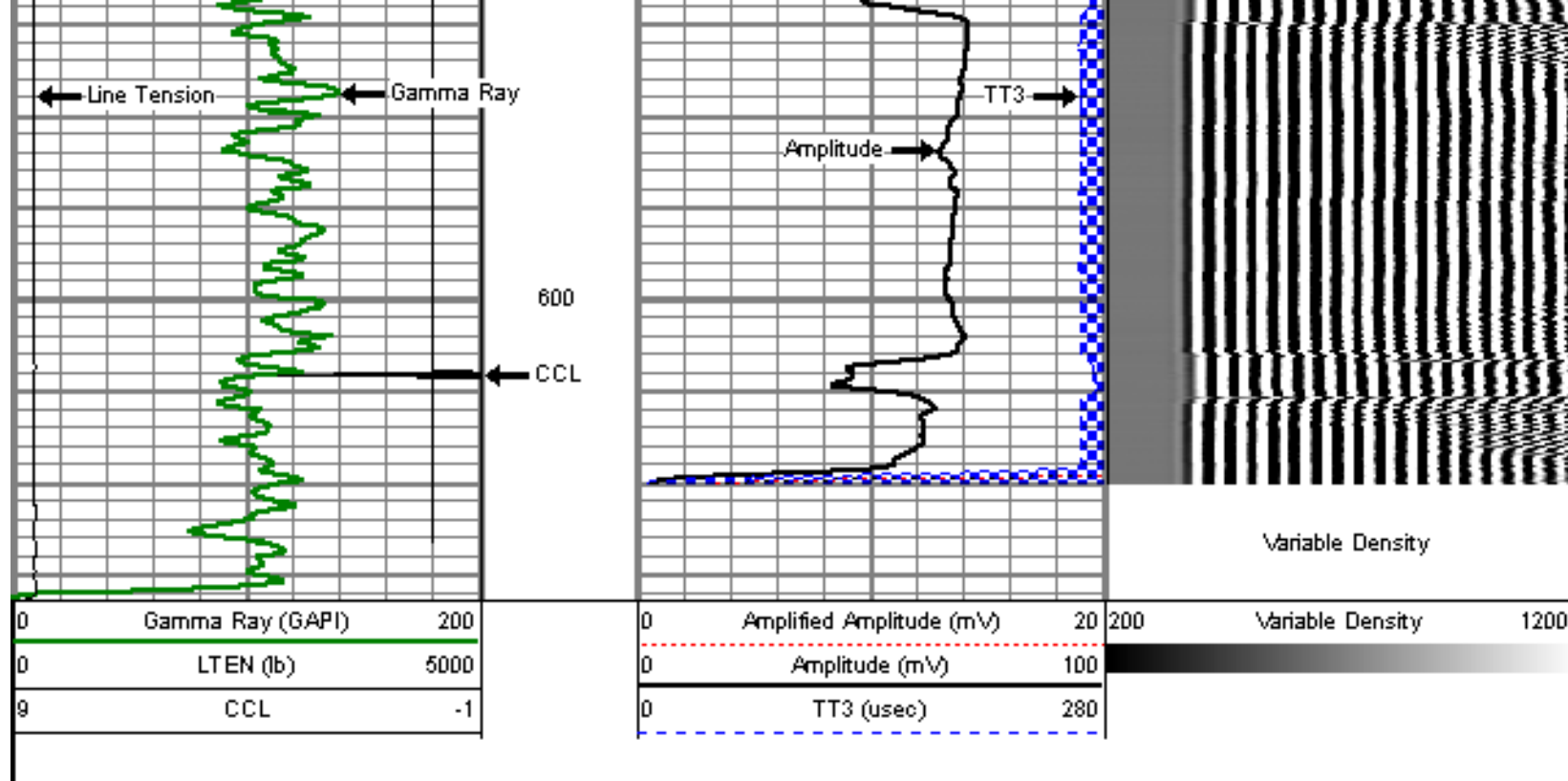
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Dataset Pathname: pass5
Presentation Format: dcbl_prb
Dataset Creation: Thu Jan 12 14:27:33 2012 by Log SCH 110930
Charted by: Depth in Feet scaled 1:240

| | | |
|---|------------------|------|
| 0 | Gamma Ray (GAPI) | 200 |
| 0 | LTEN (lb) | 5000 |
| 9 | CCL | -1 |

| | | |
|---|--------------------------|-----|
| 0 | Amplified Amplitude (mV) | 20 |
| 0 | Amplitude (mV) | 100 |
| 0 | TT3 (usec) | 280 |

200 Variable Density 1200

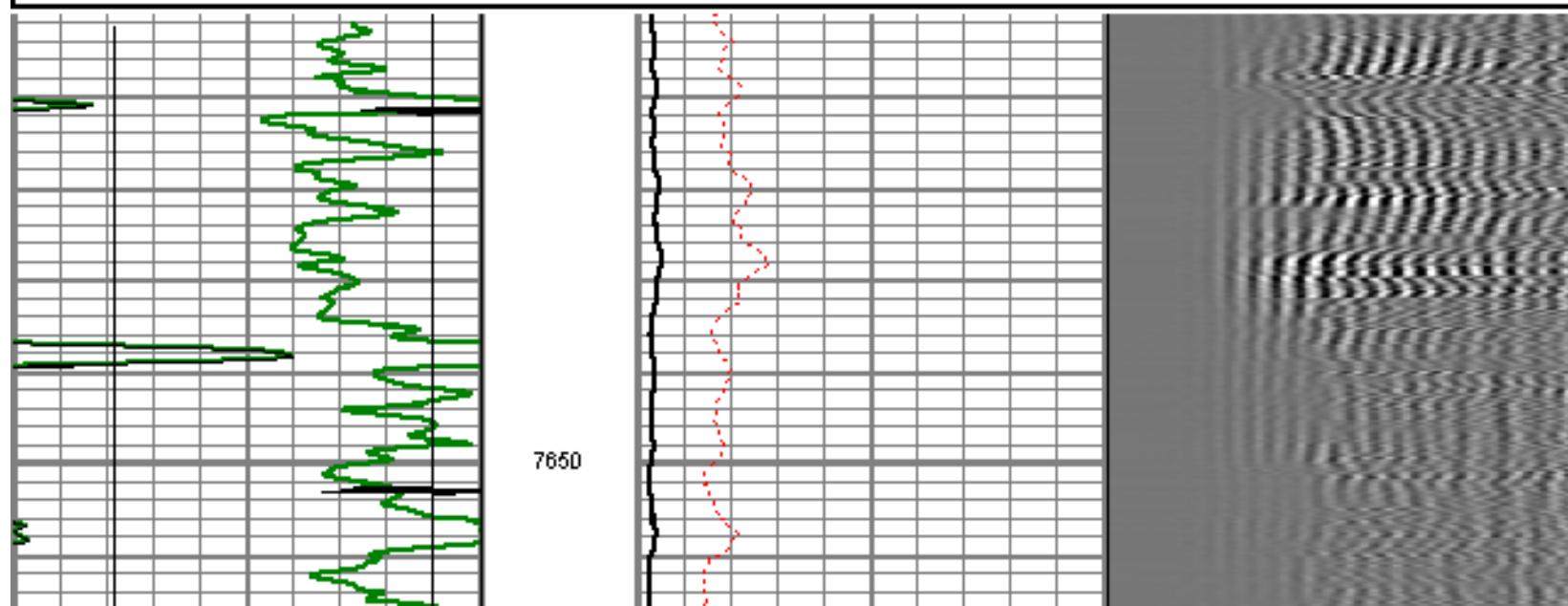
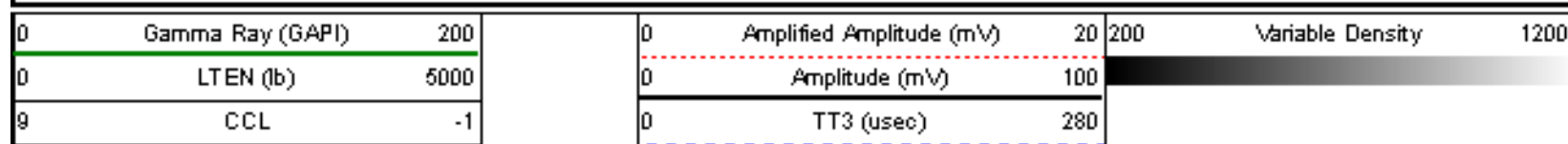


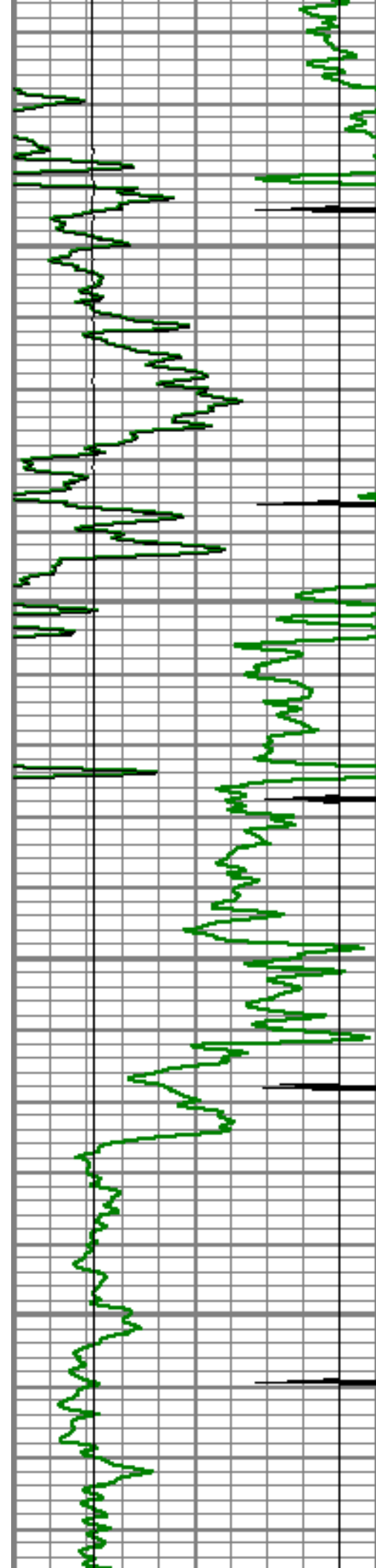


REPEAT PASS

5" = 100'

Database File: martinson 0-6-24.db
 Dataset Pathname: pass3
 Presentation Format: dcbl_prb
 Dataset Creation: Thu Jan 12 12:56:01 2012 by Log SCH 110930
 Charted by: Depth in Feet scaled 1:240





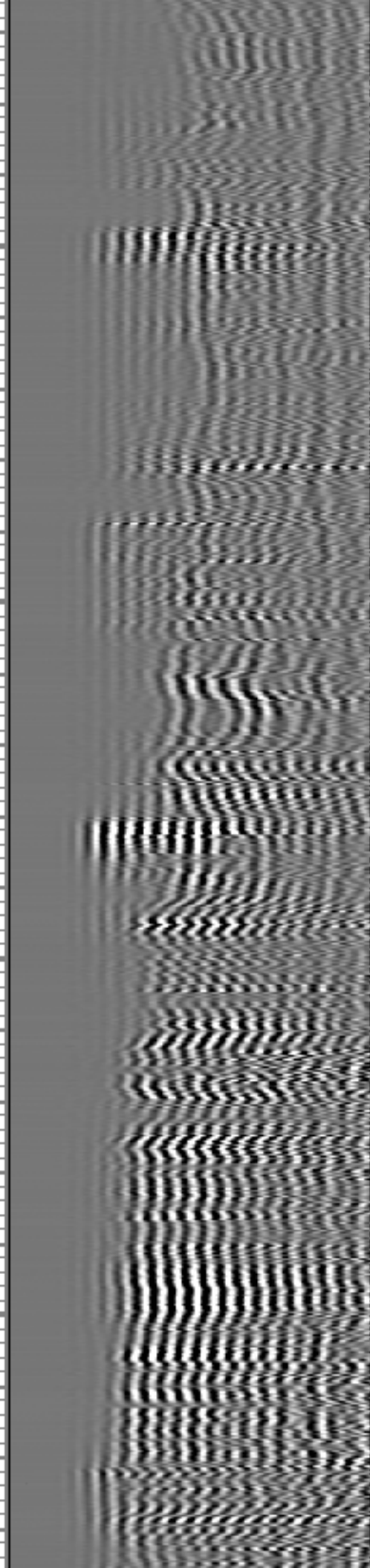
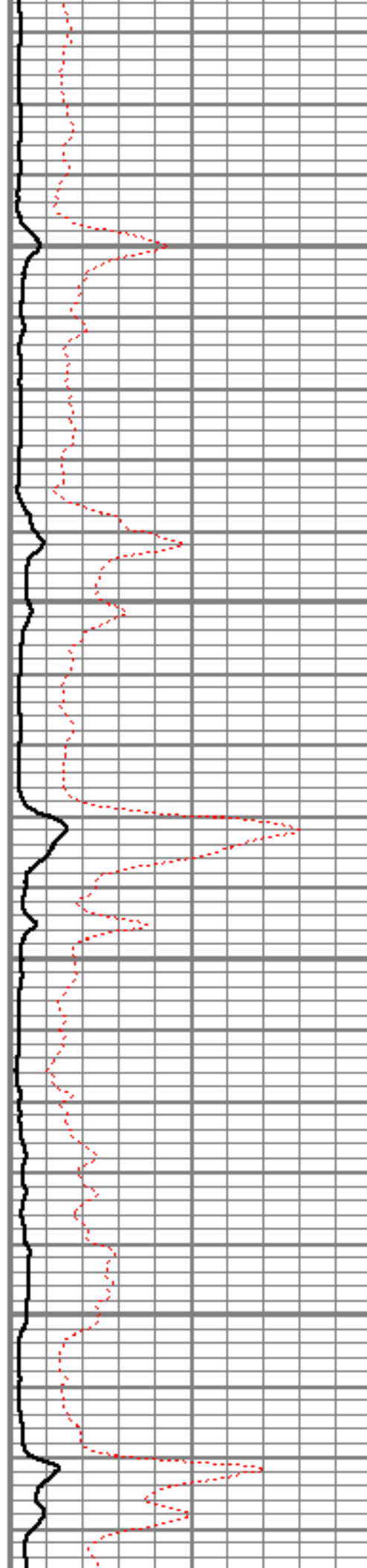
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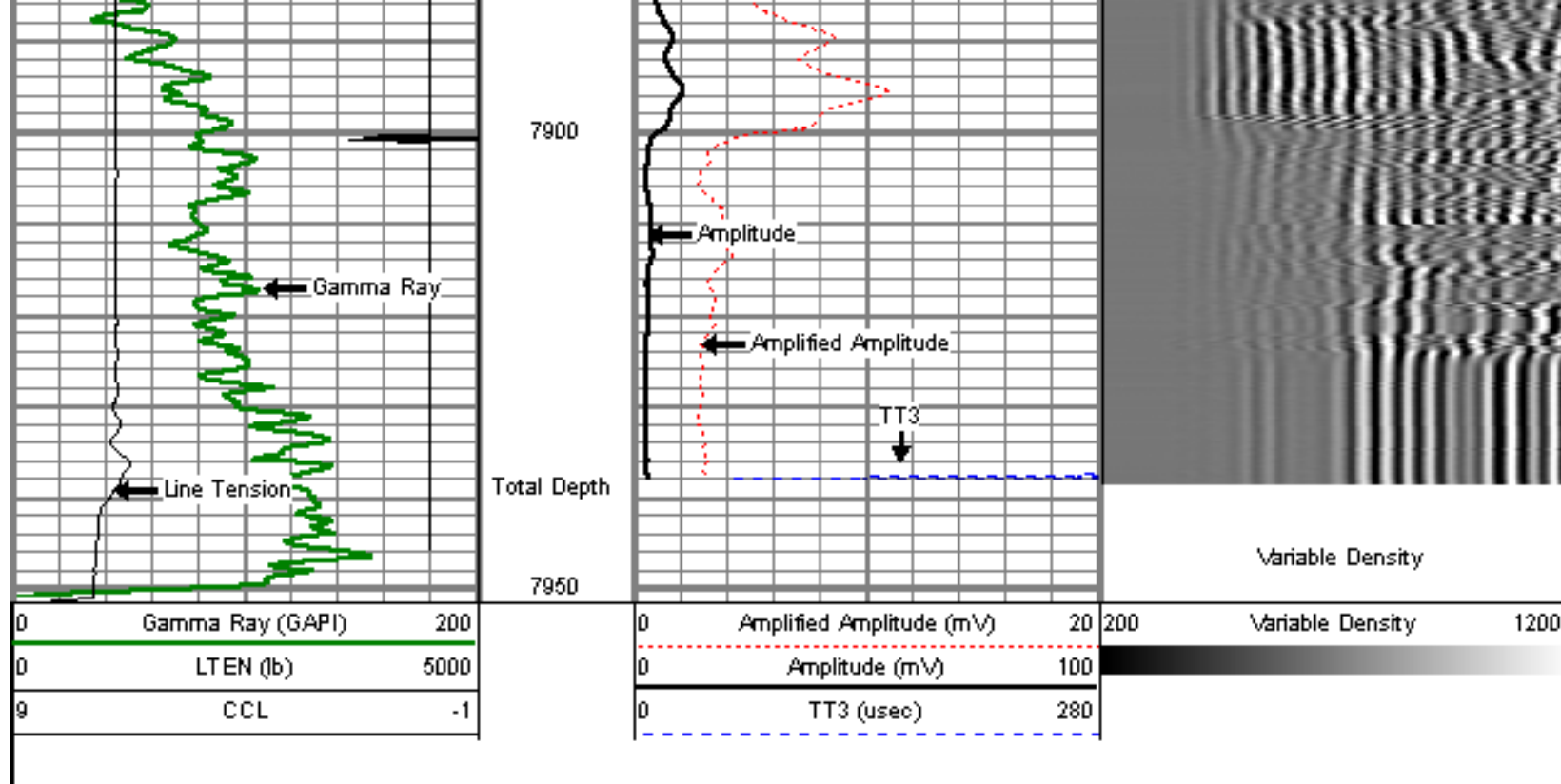
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7800

7850

← CCL

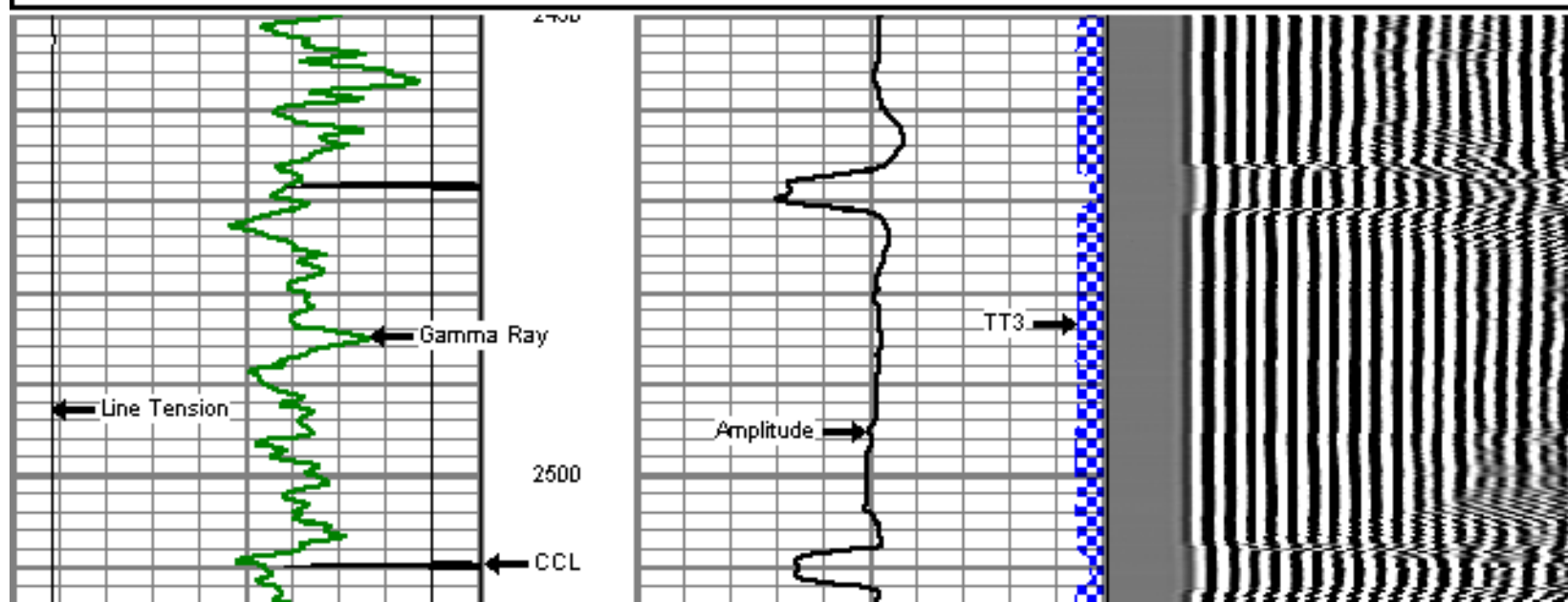
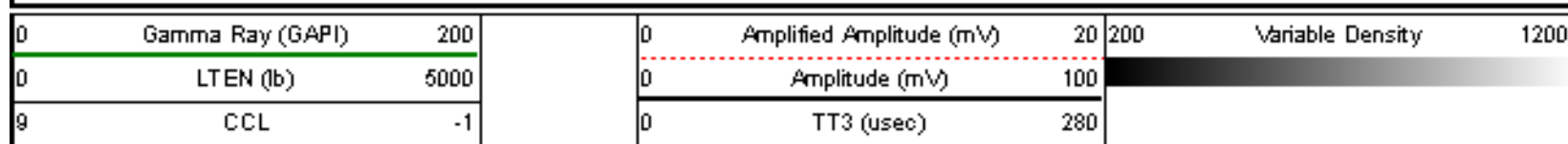


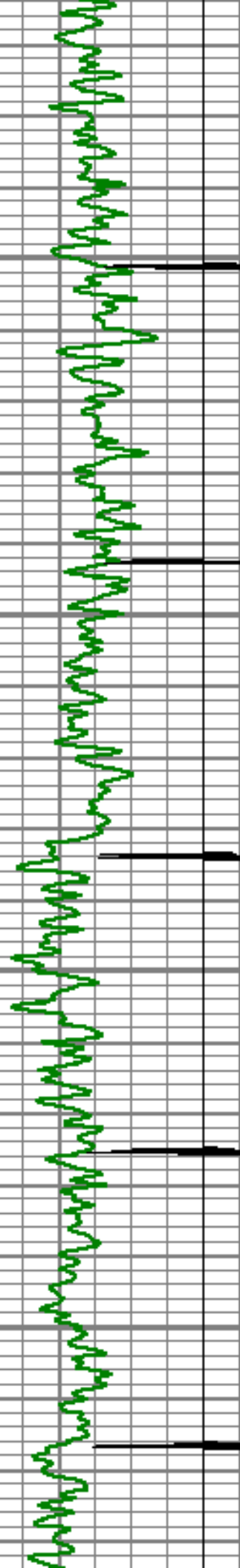


MAIN PASS

5" = 100'

Database File: martinson 0-6-24.db
 Dataset Pathname: pass4
 Presentation Format: dcbl_prb
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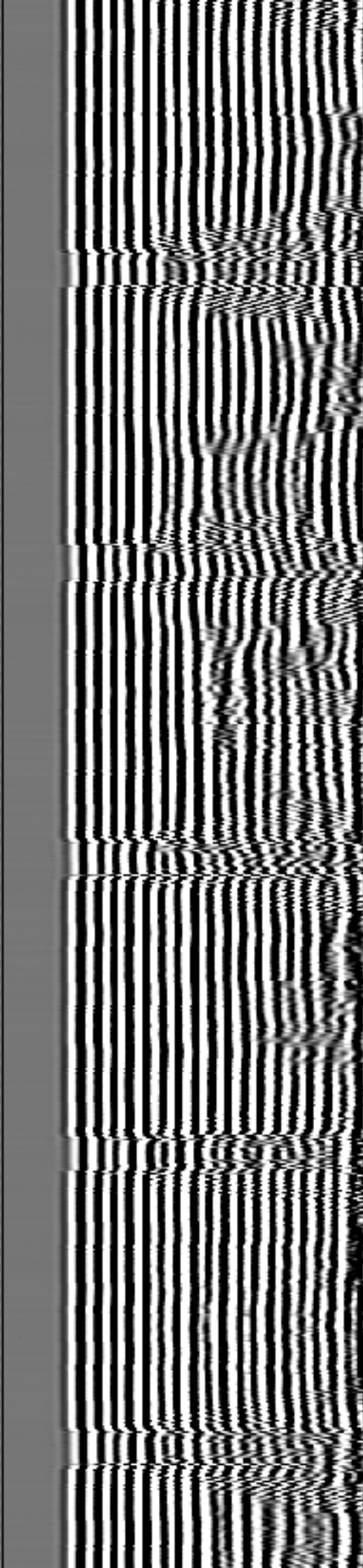
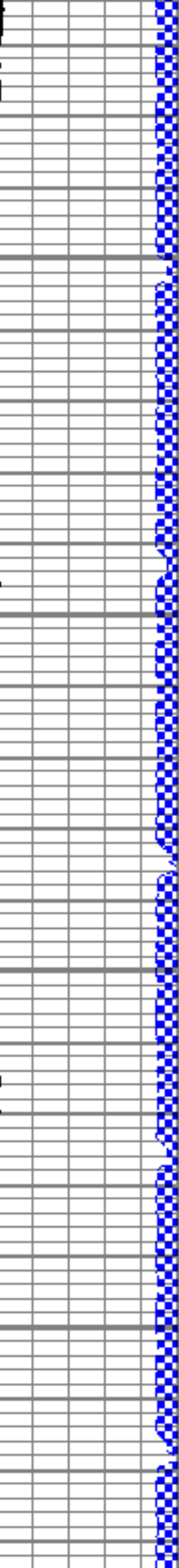
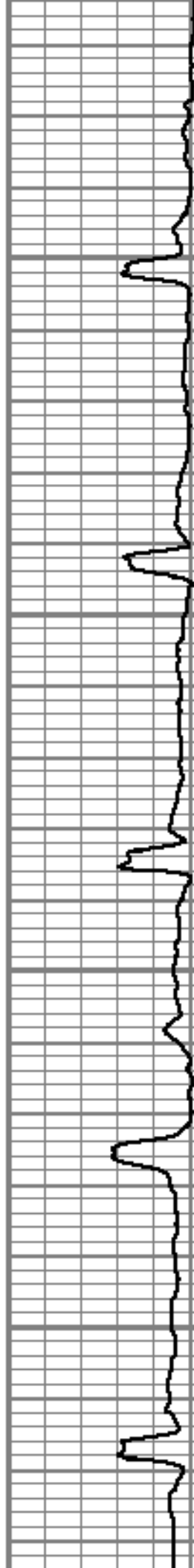


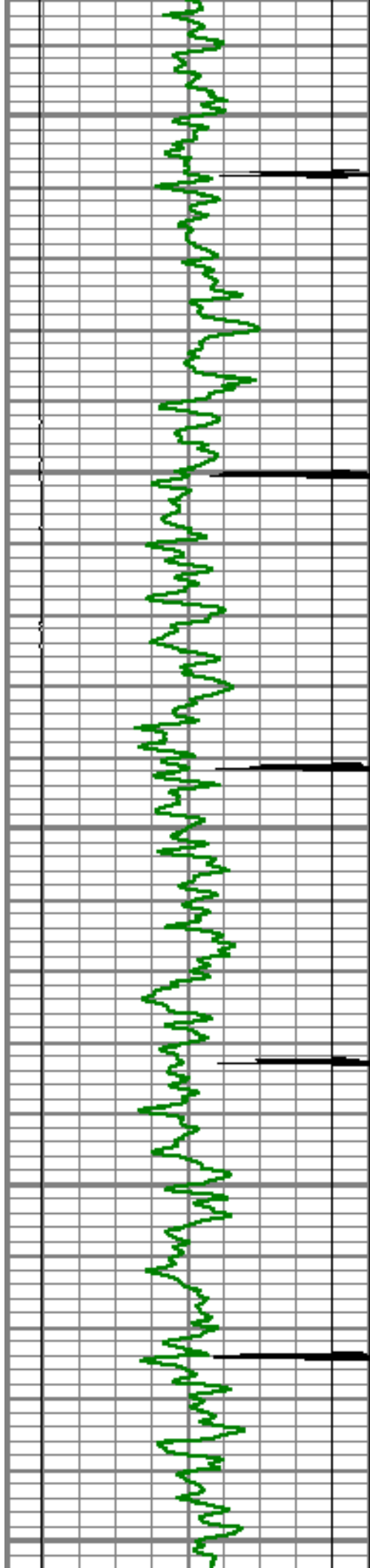
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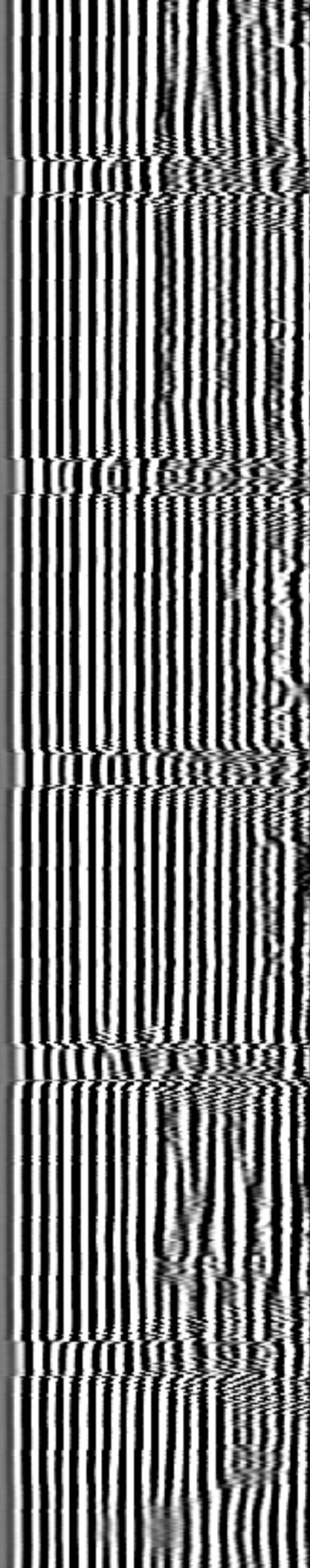
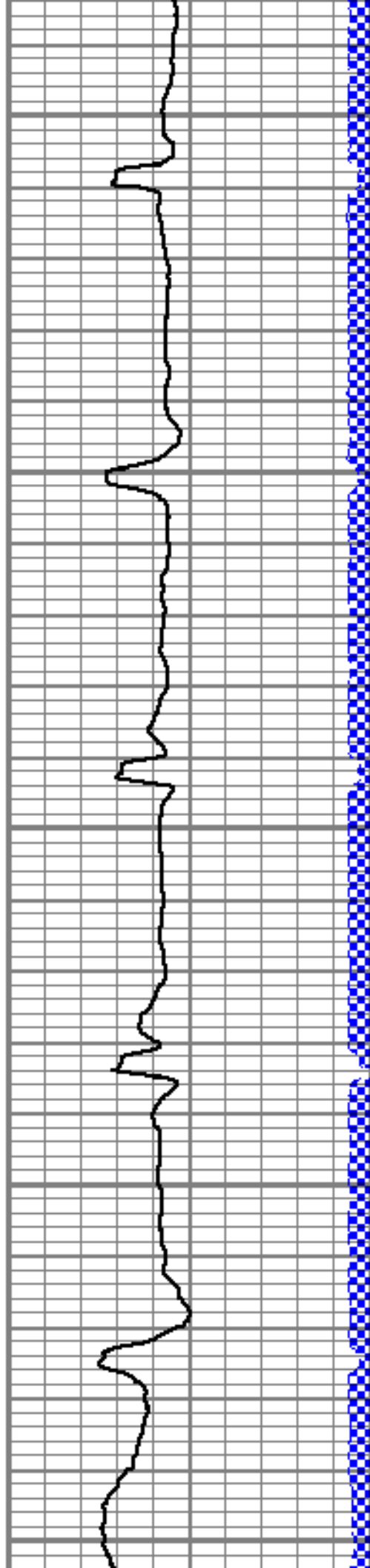
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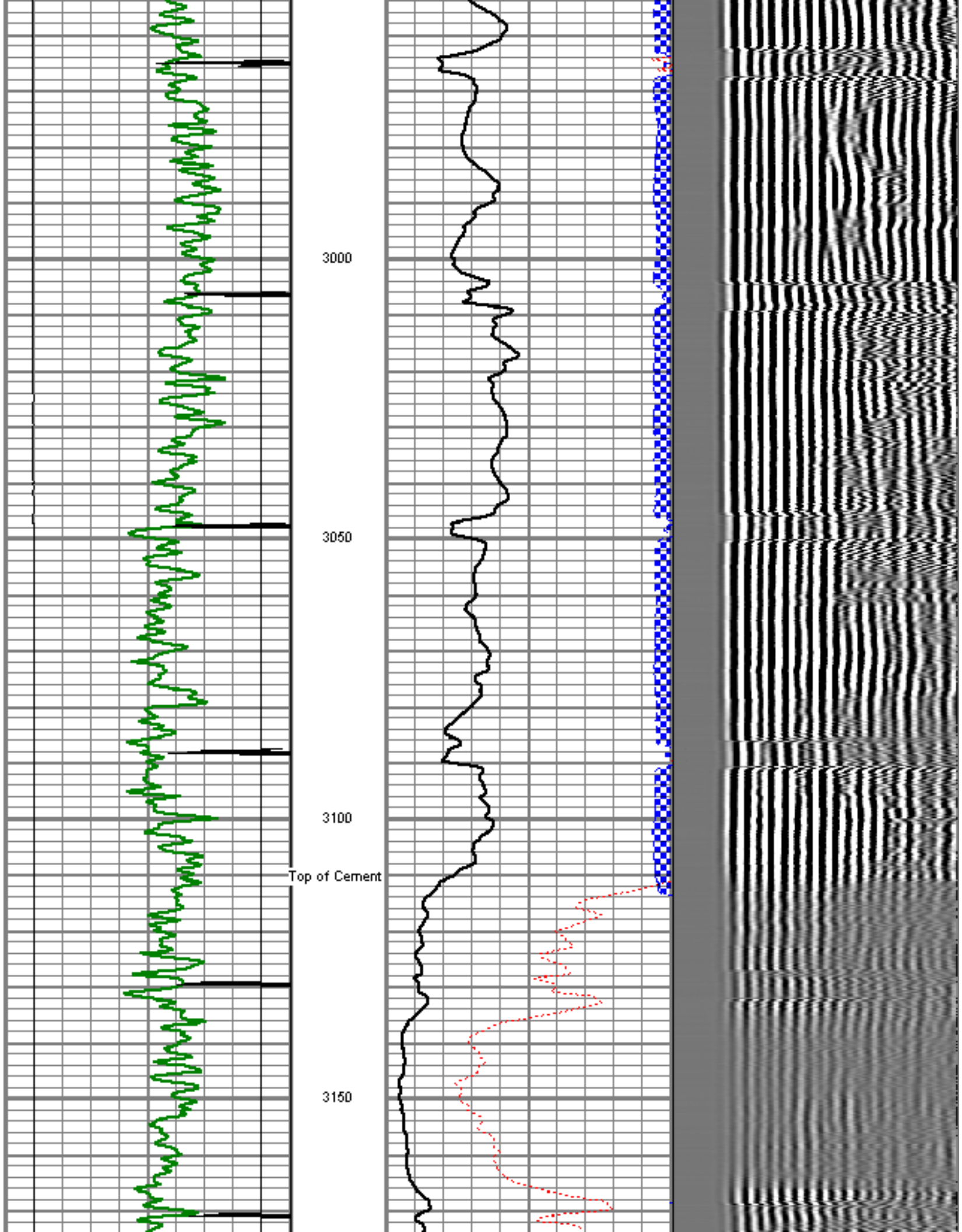
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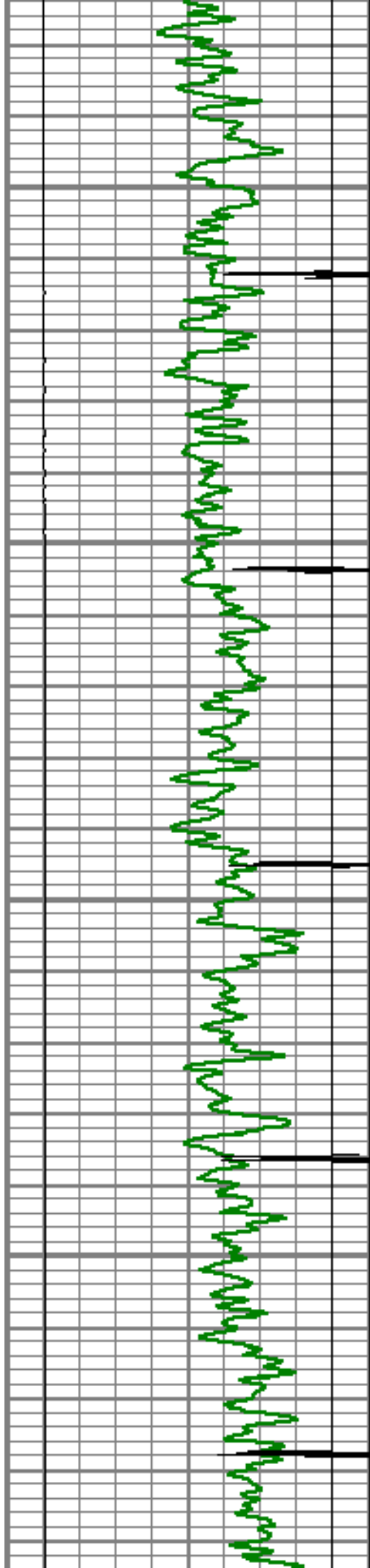
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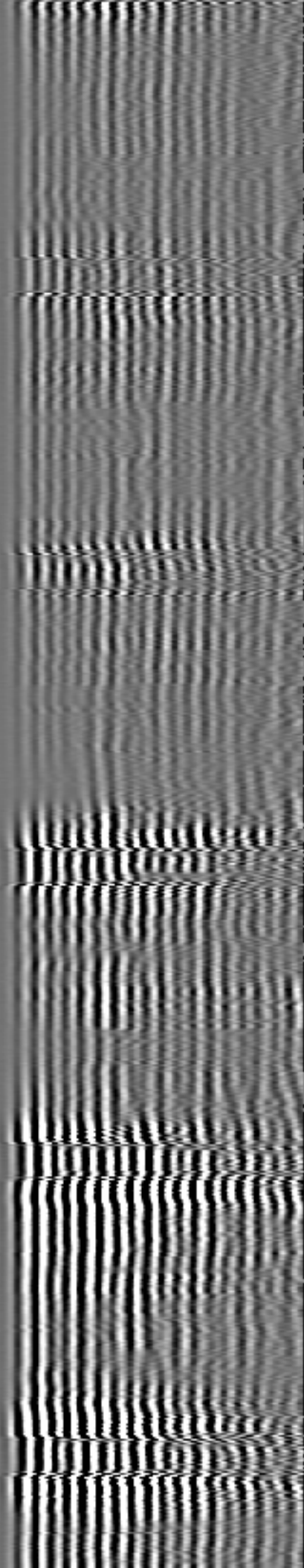
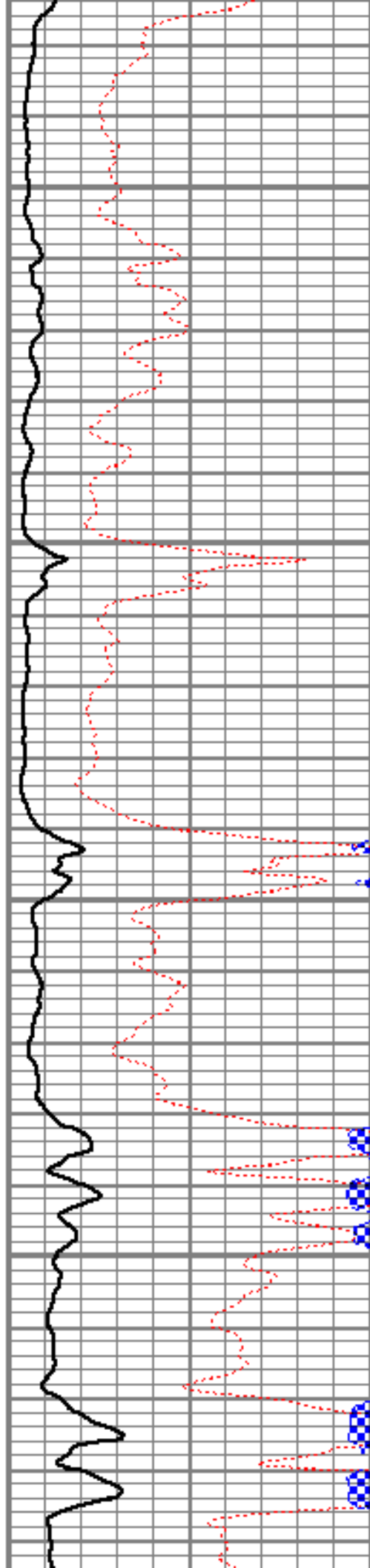


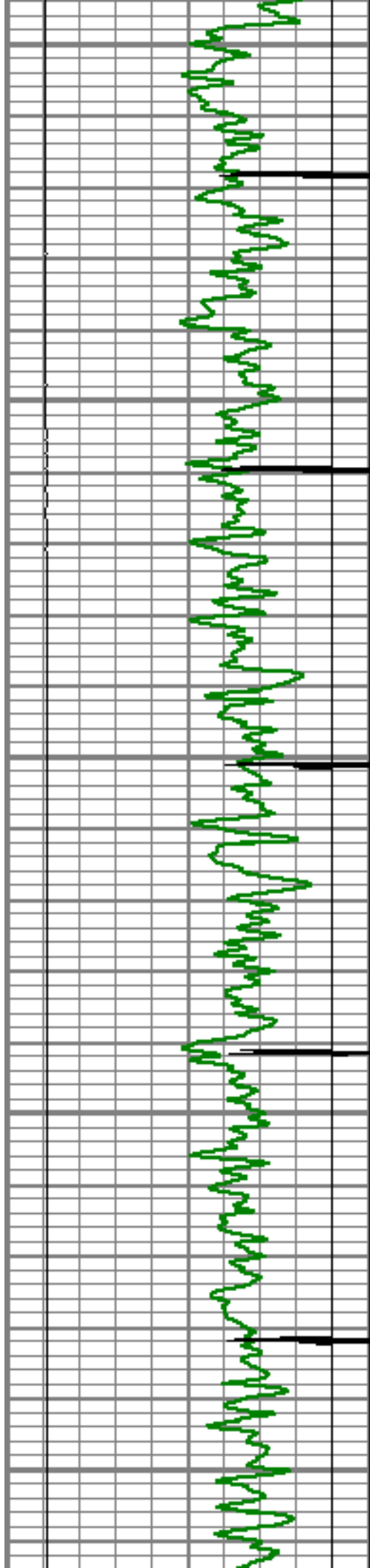
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3250

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3350





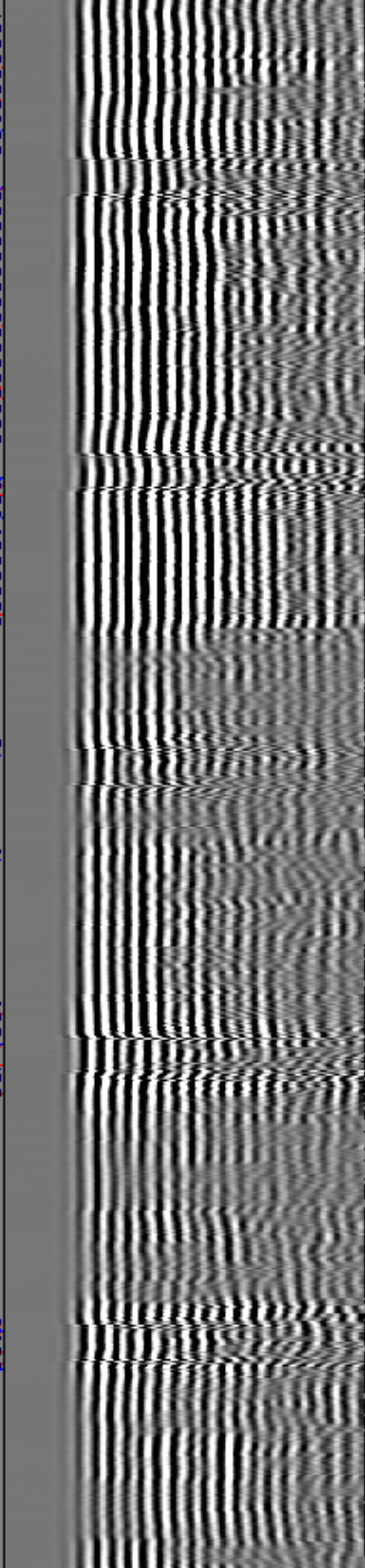
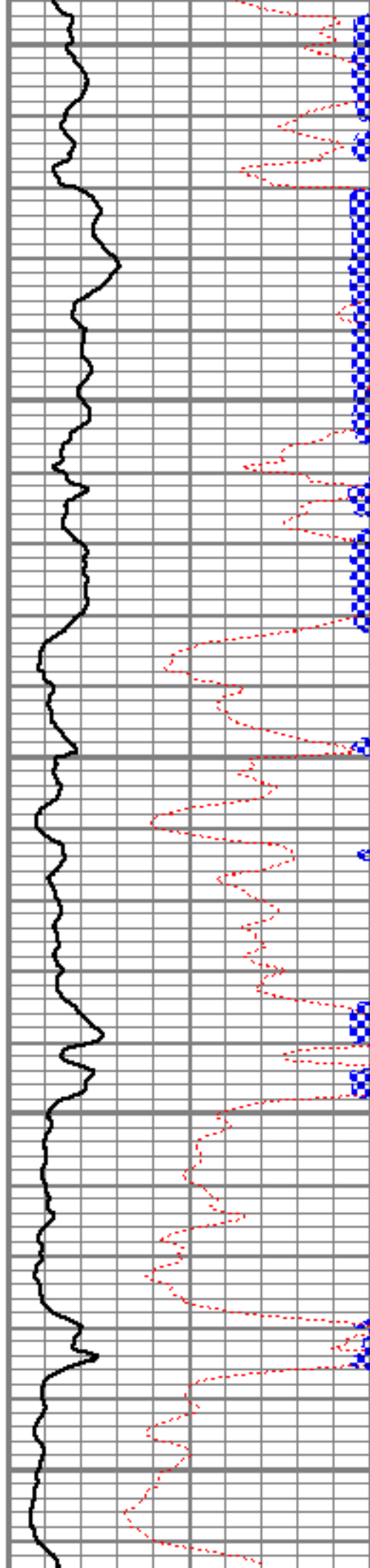
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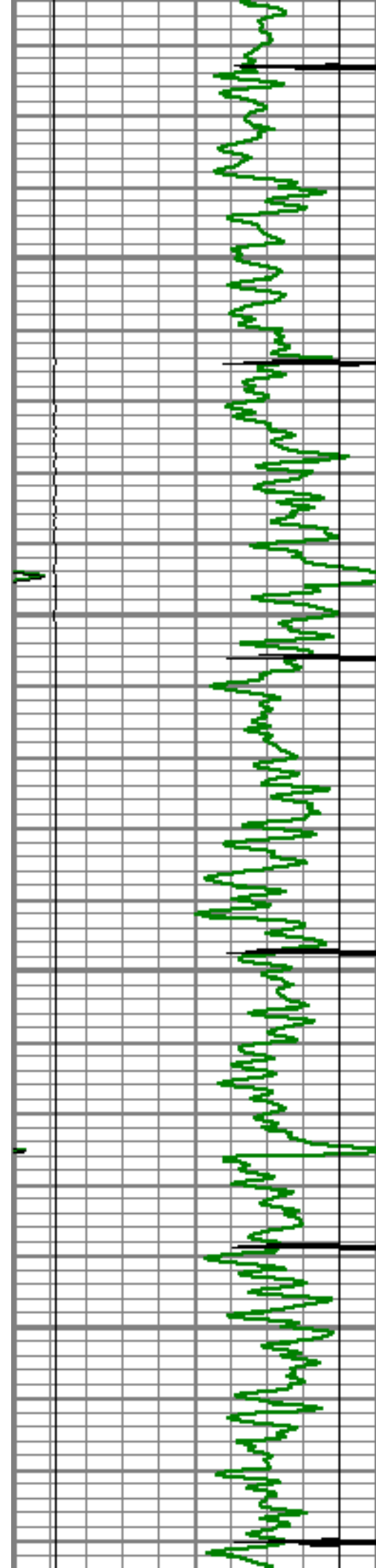
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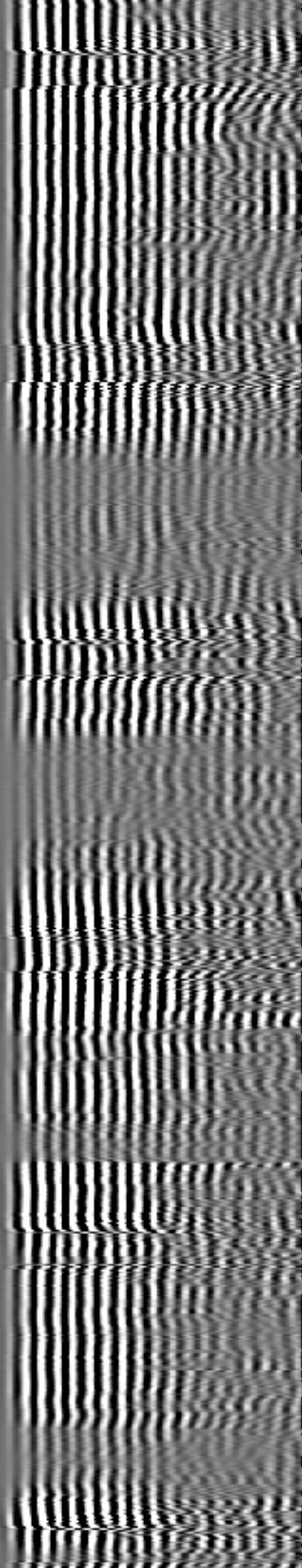
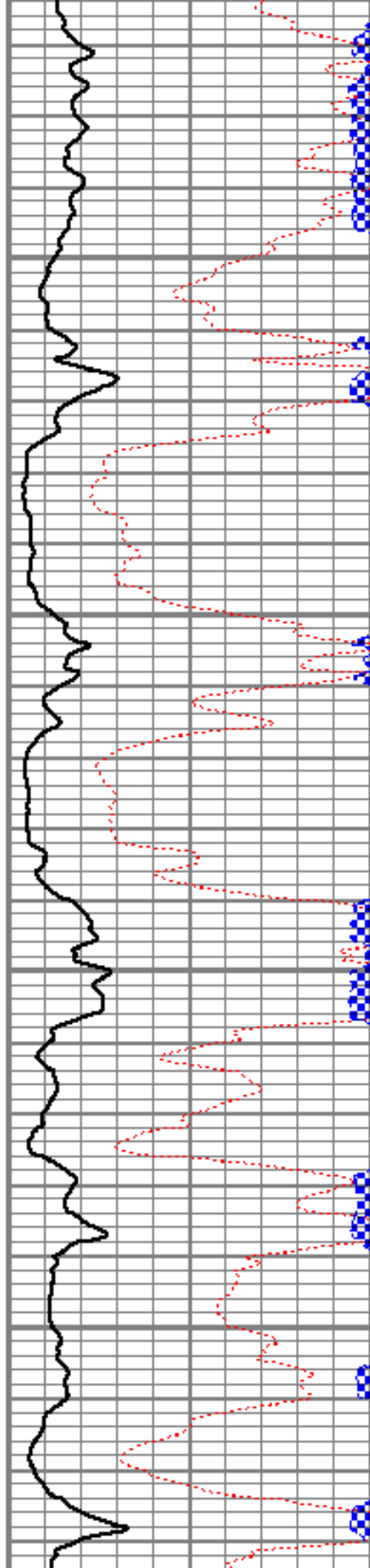


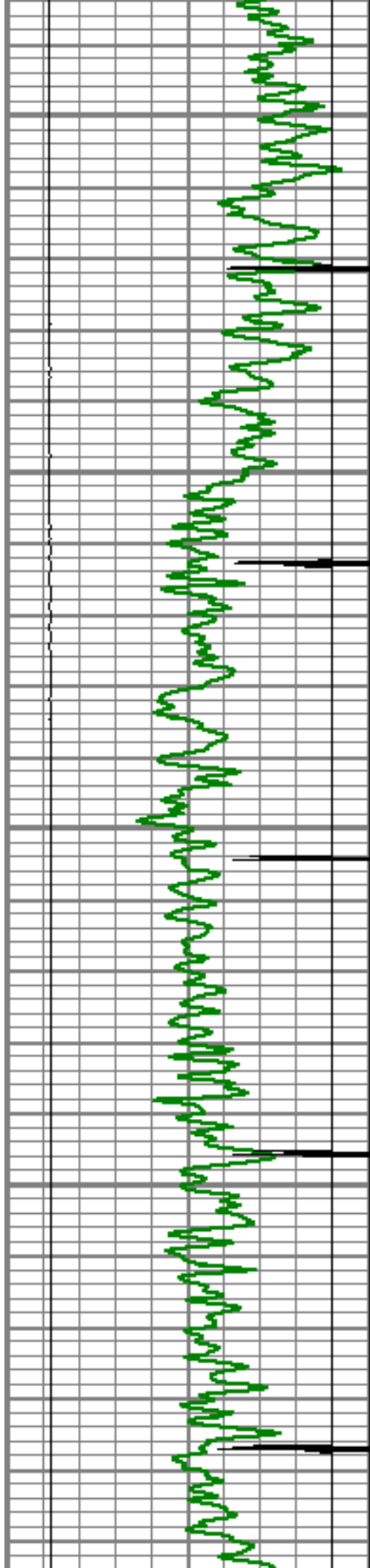
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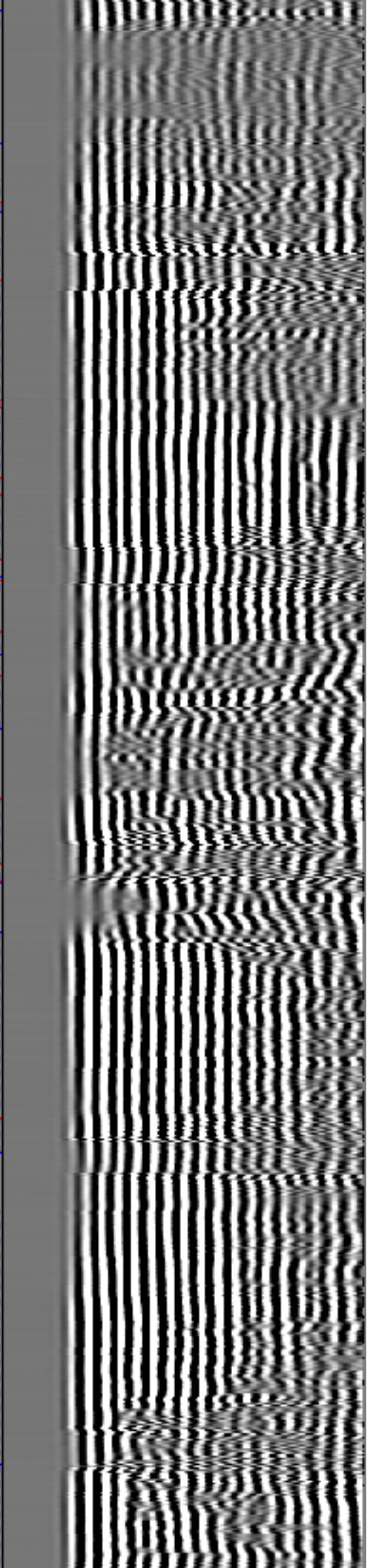
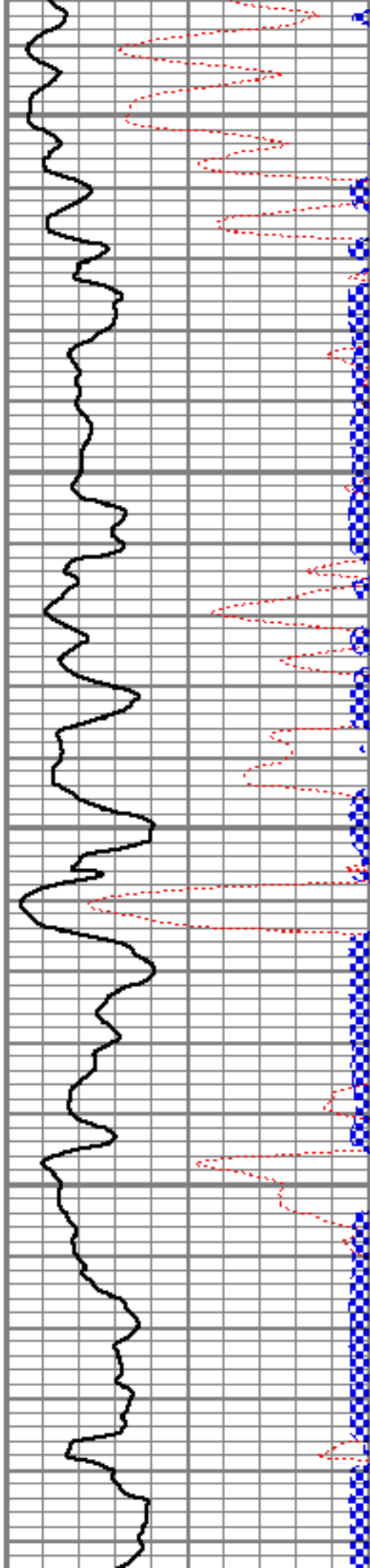
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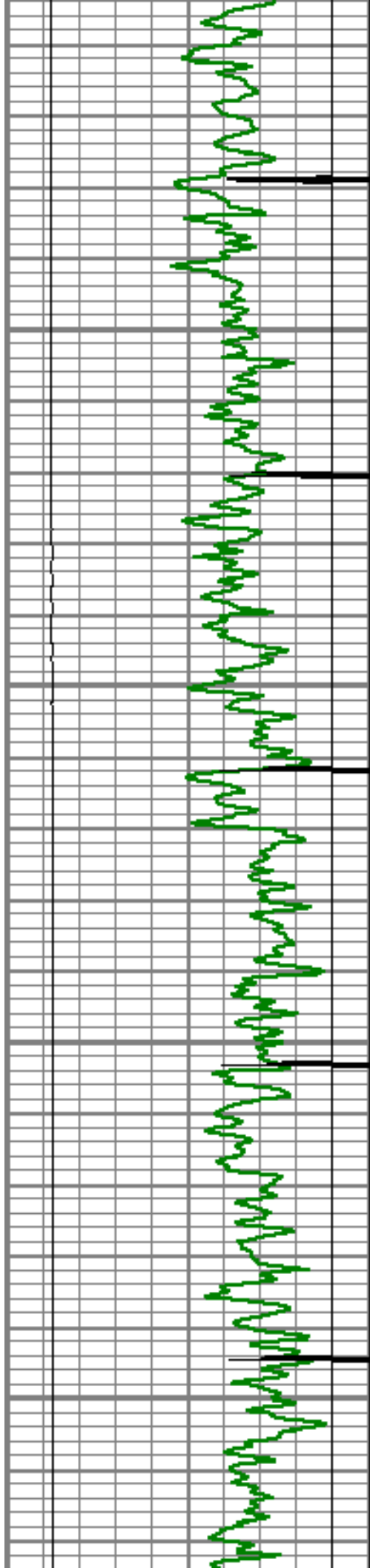
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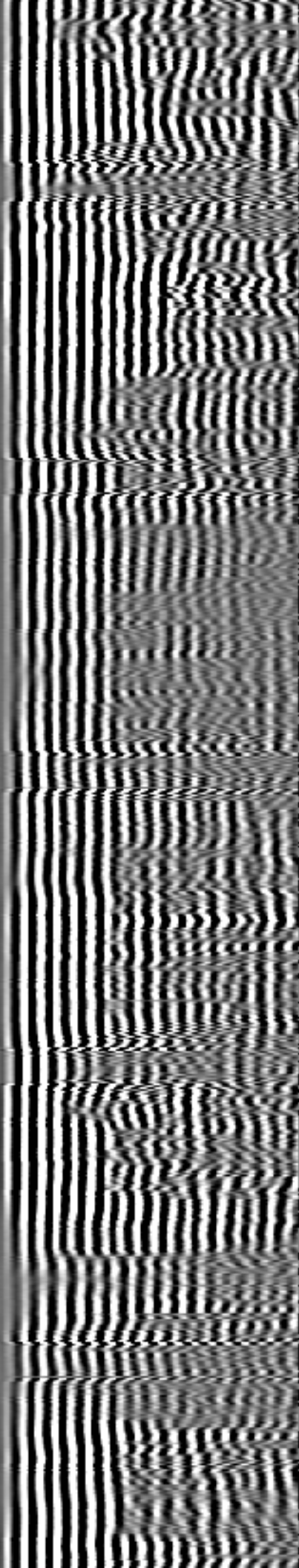
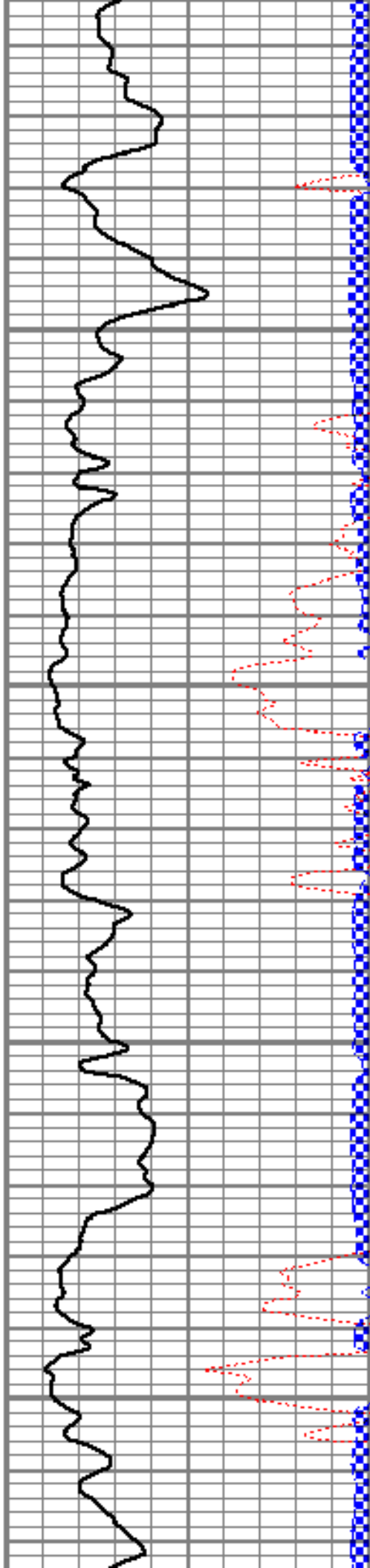


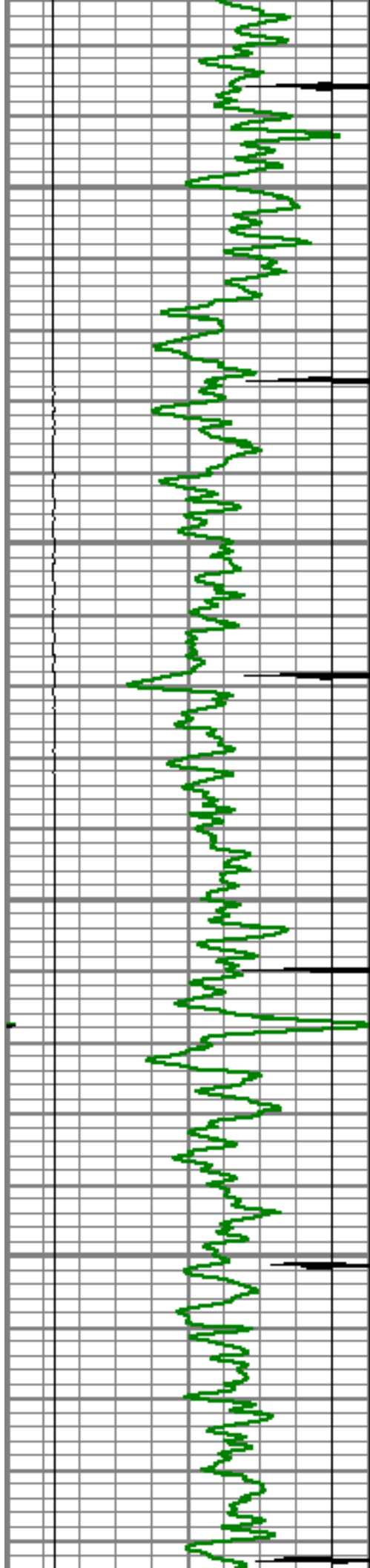
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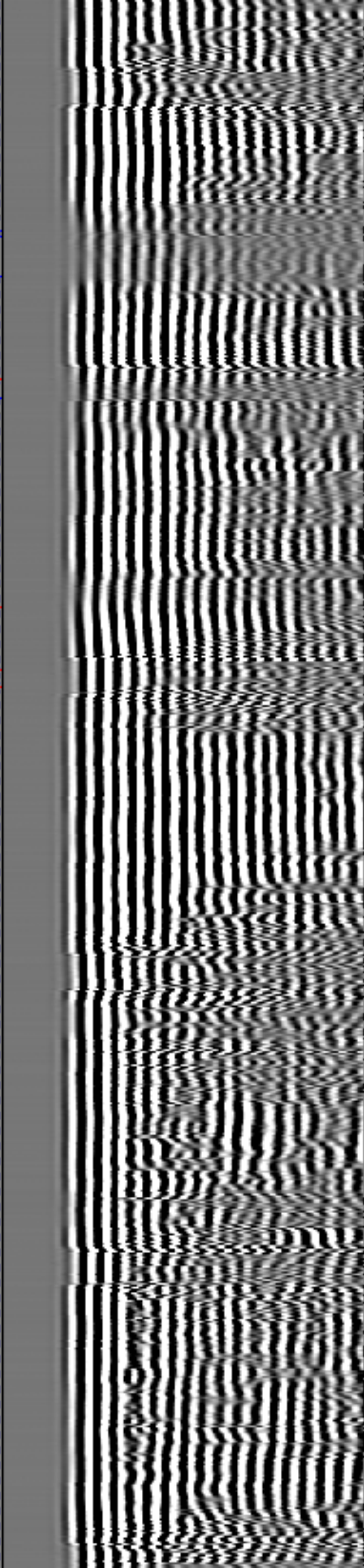
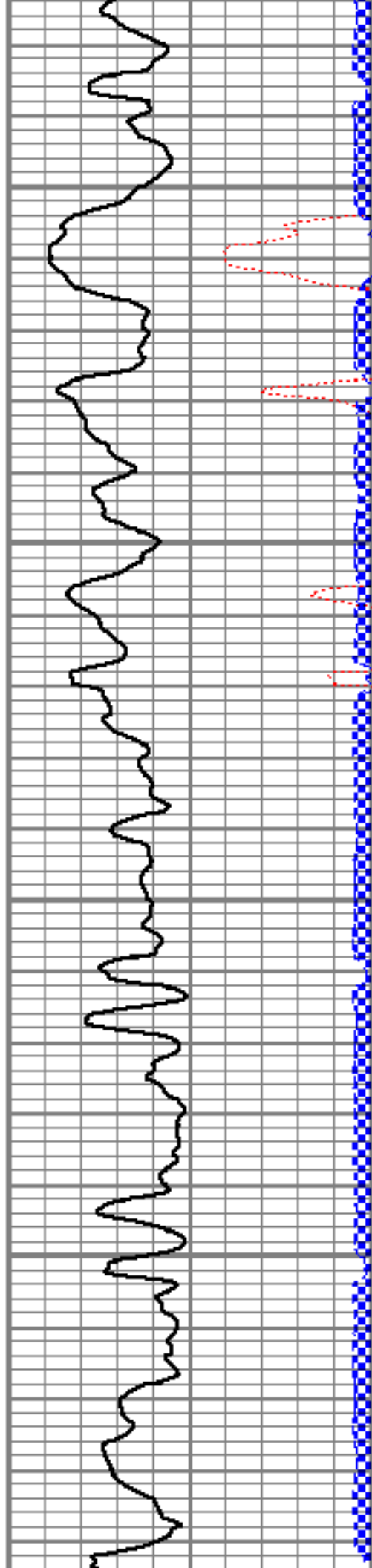


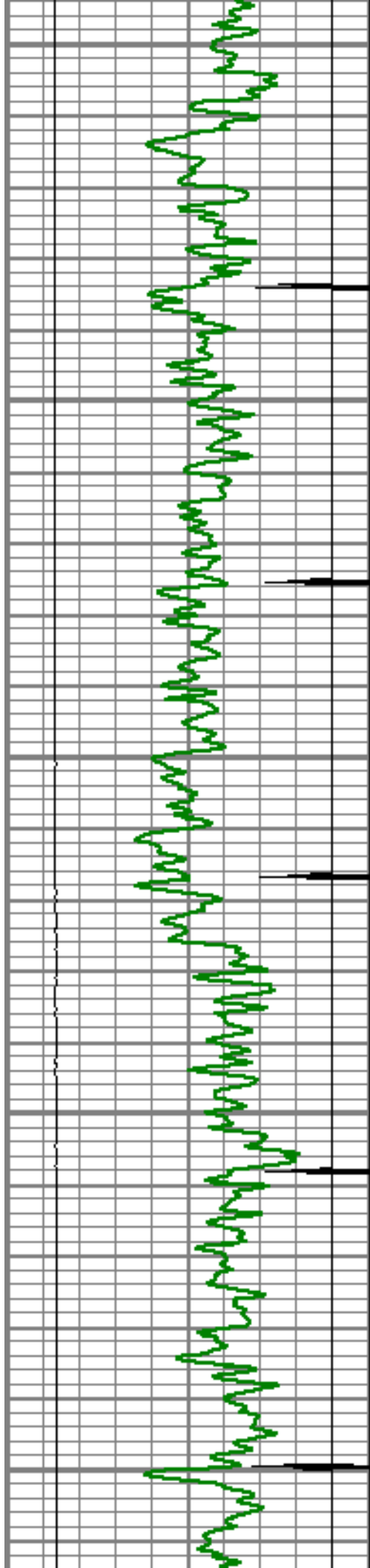
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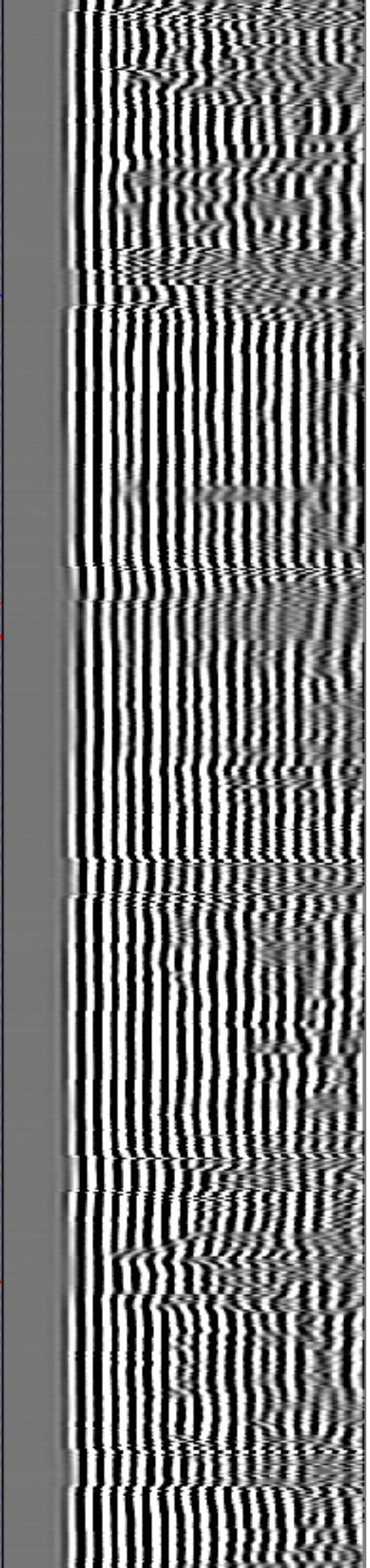
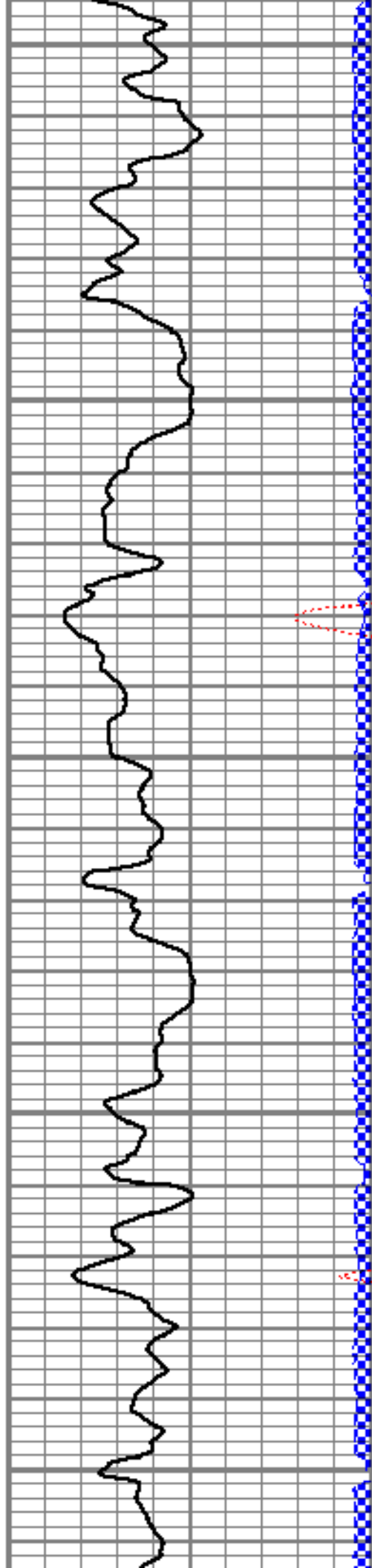
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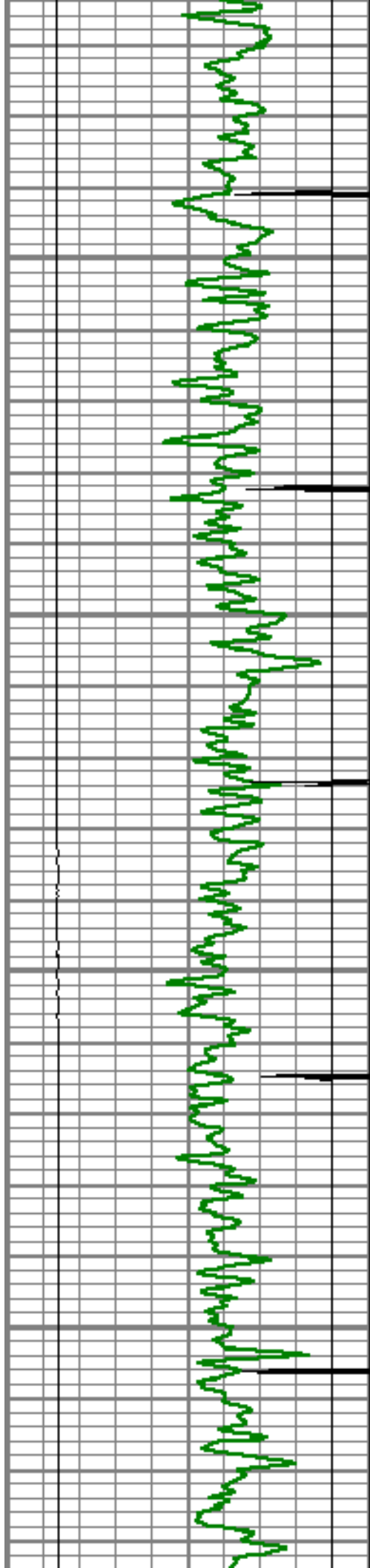
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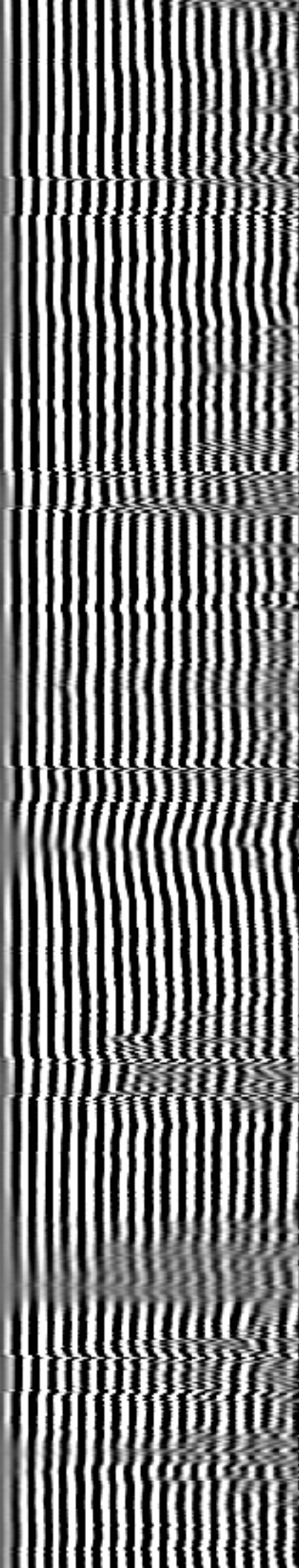
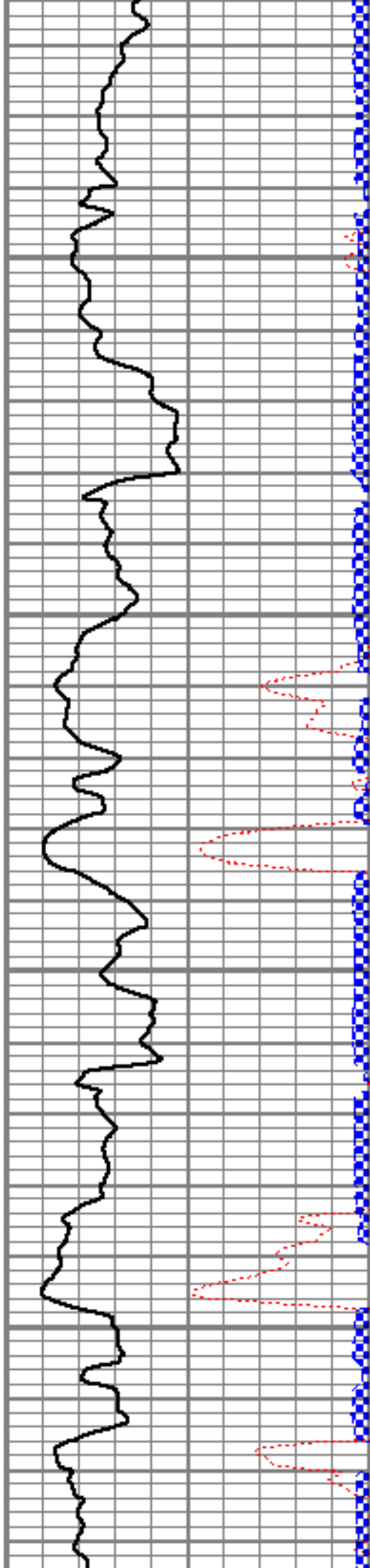


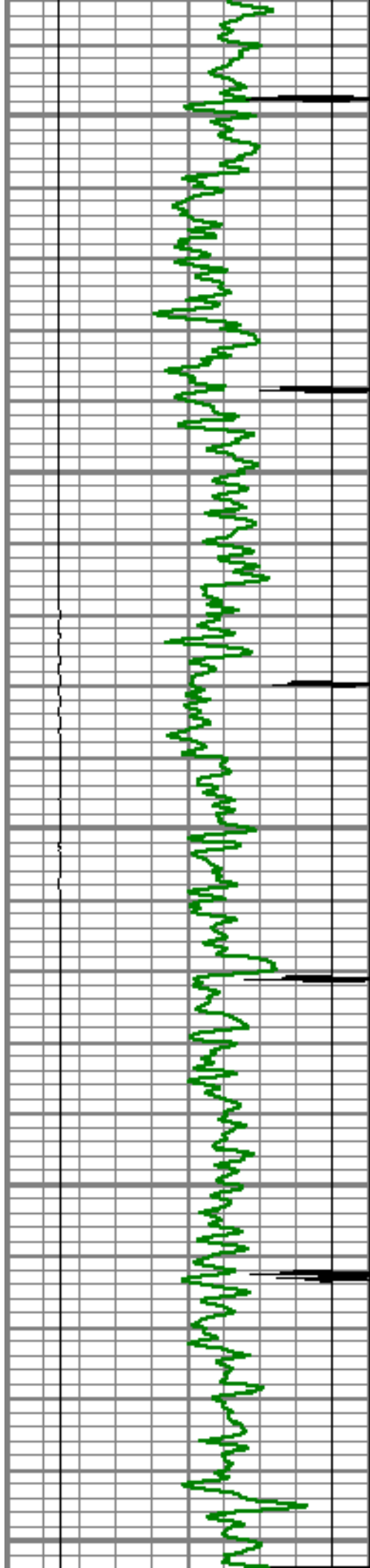
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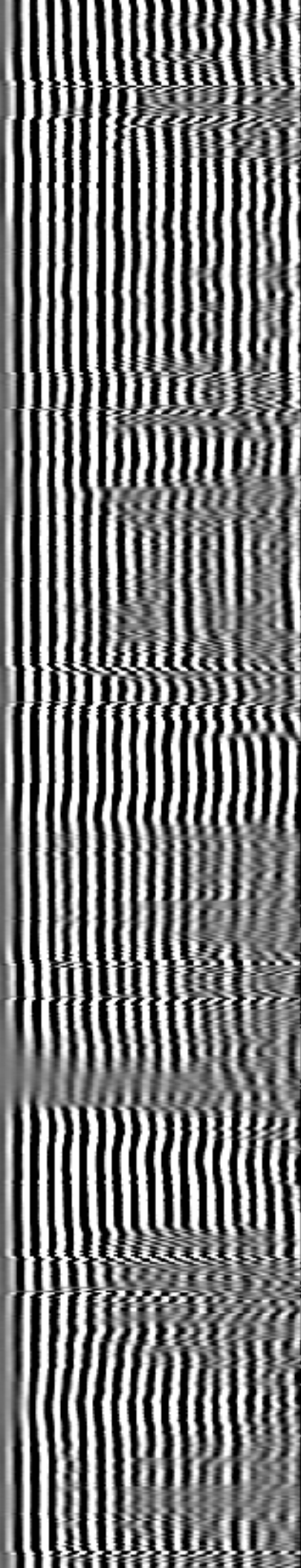
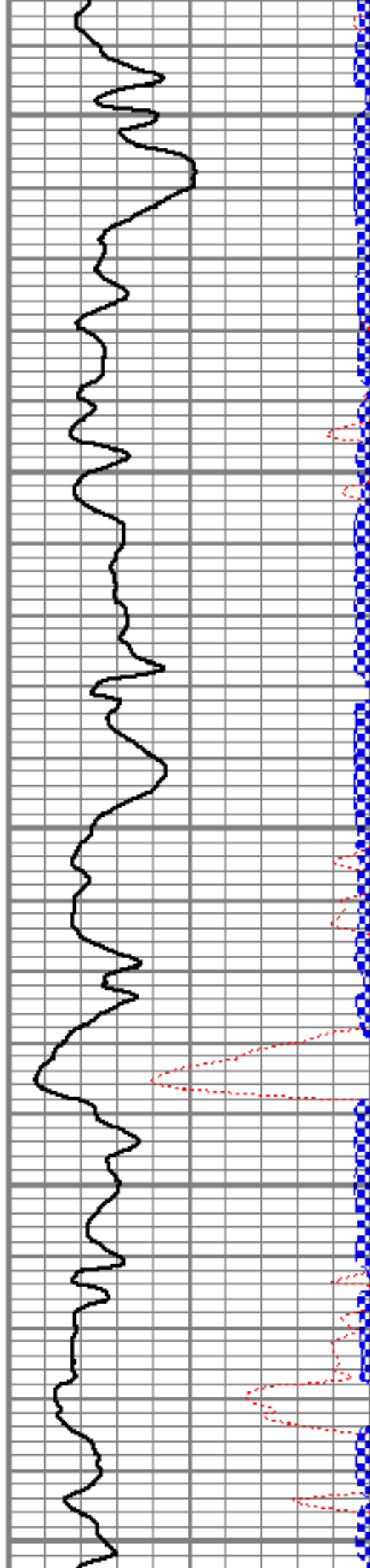
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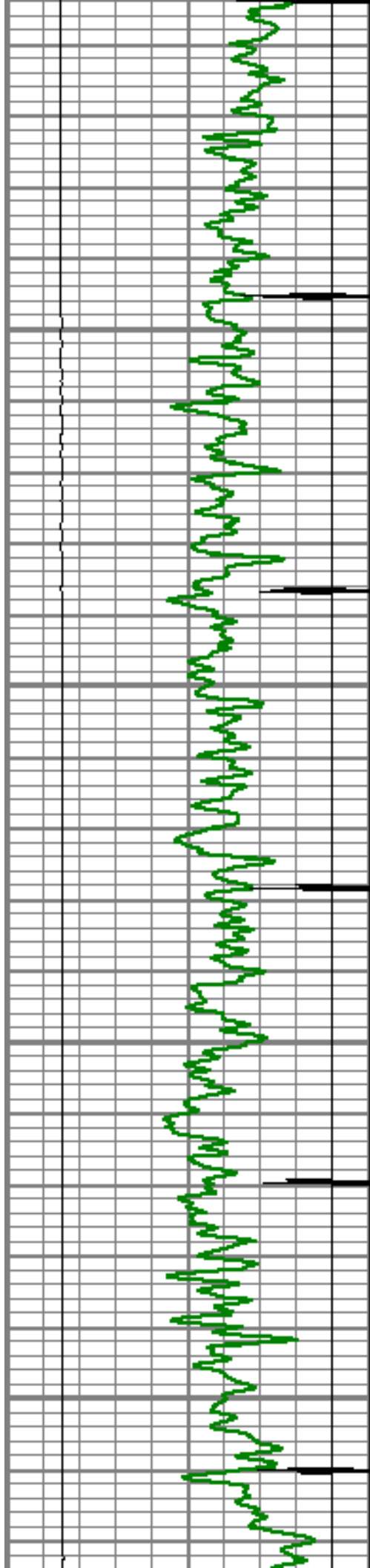
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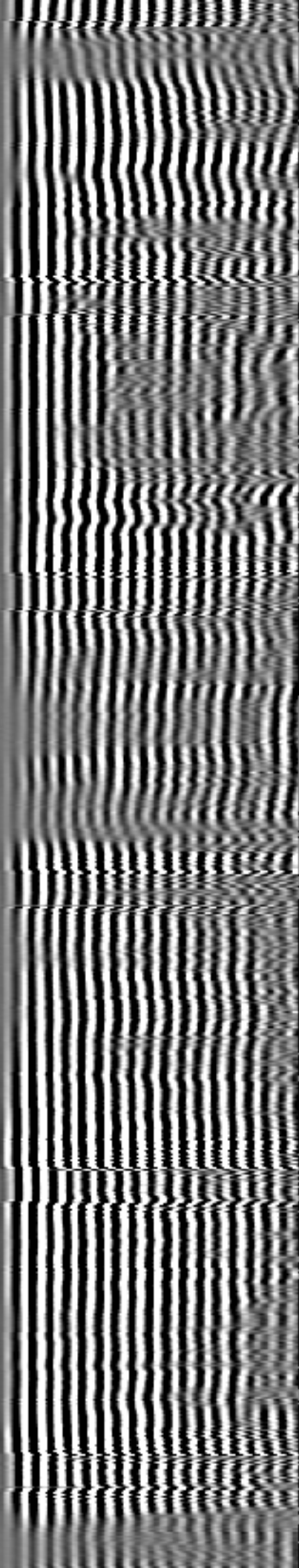
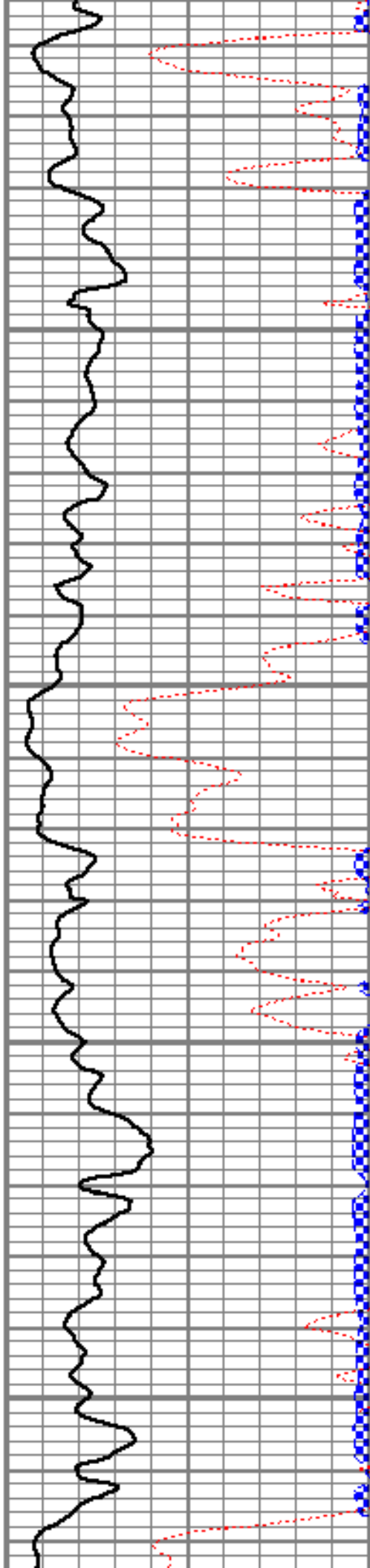


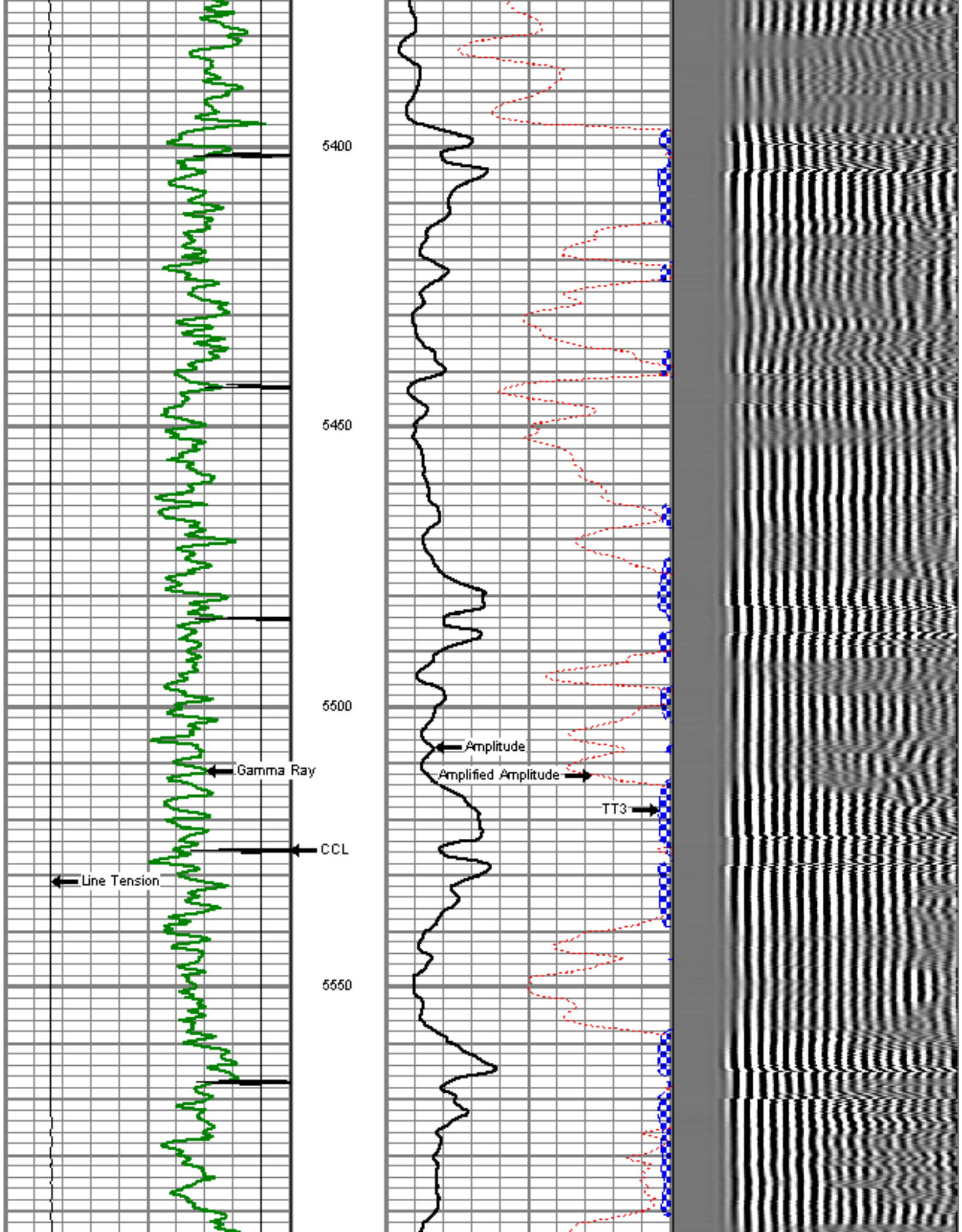
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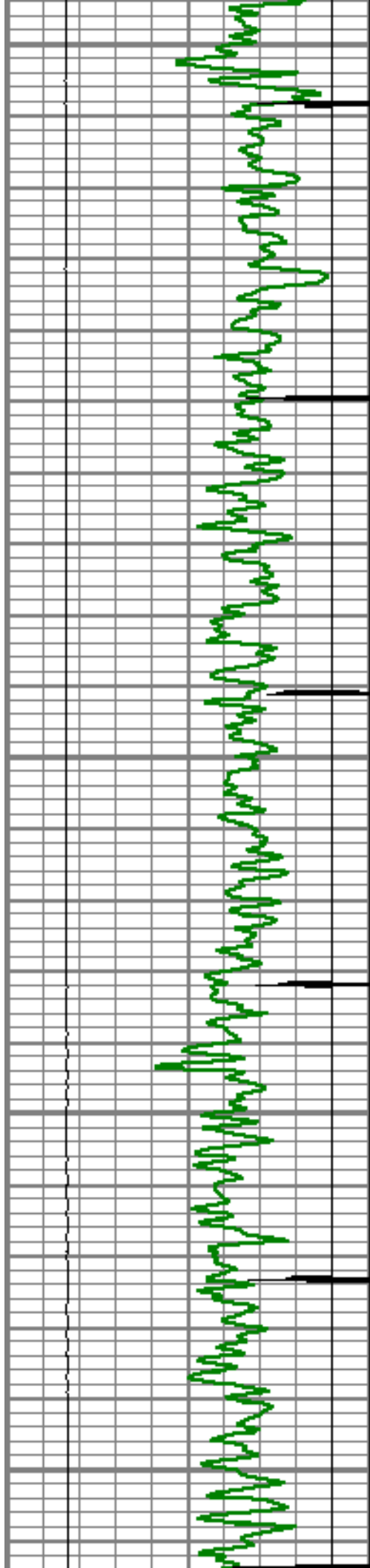
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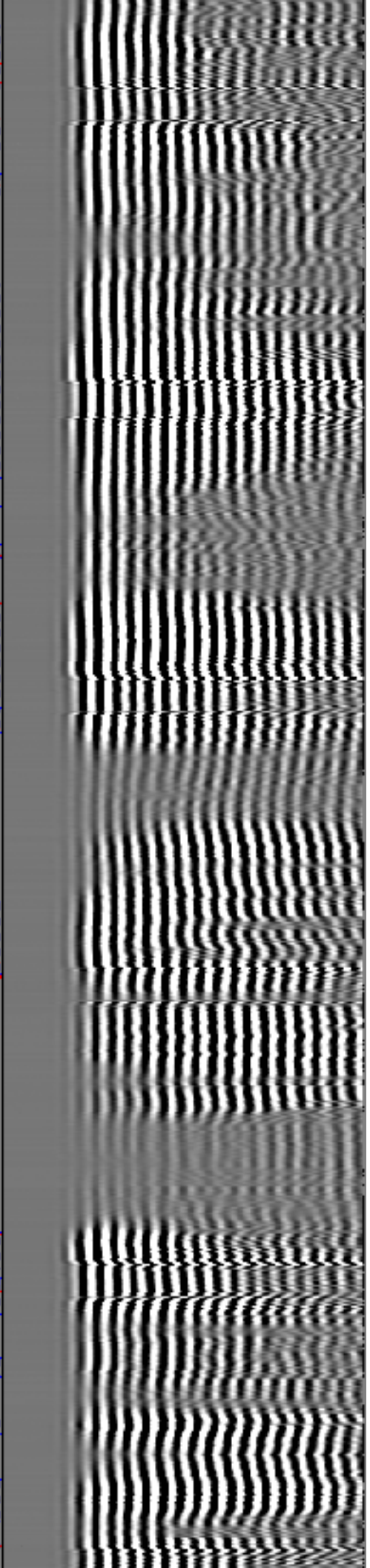
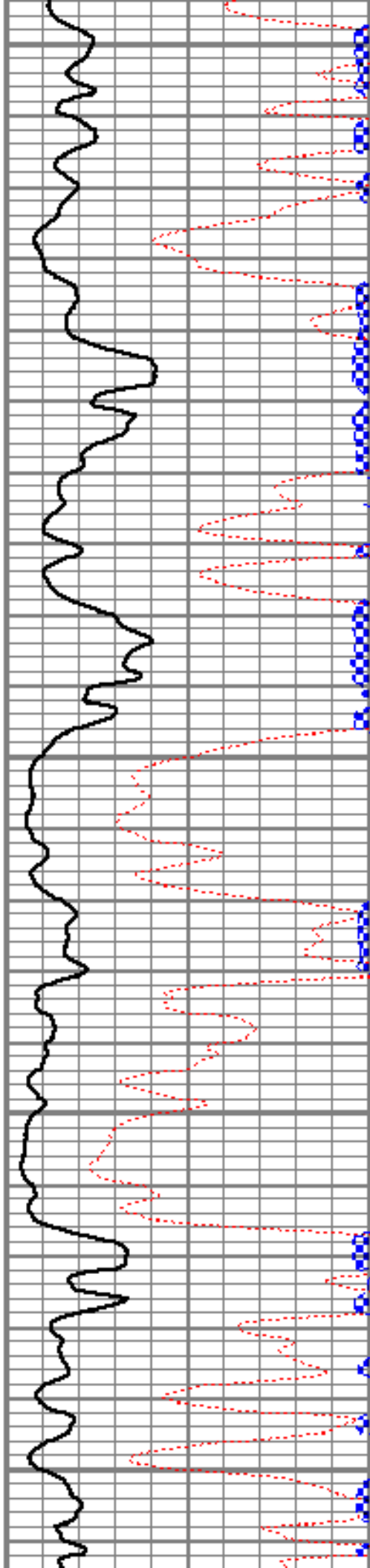
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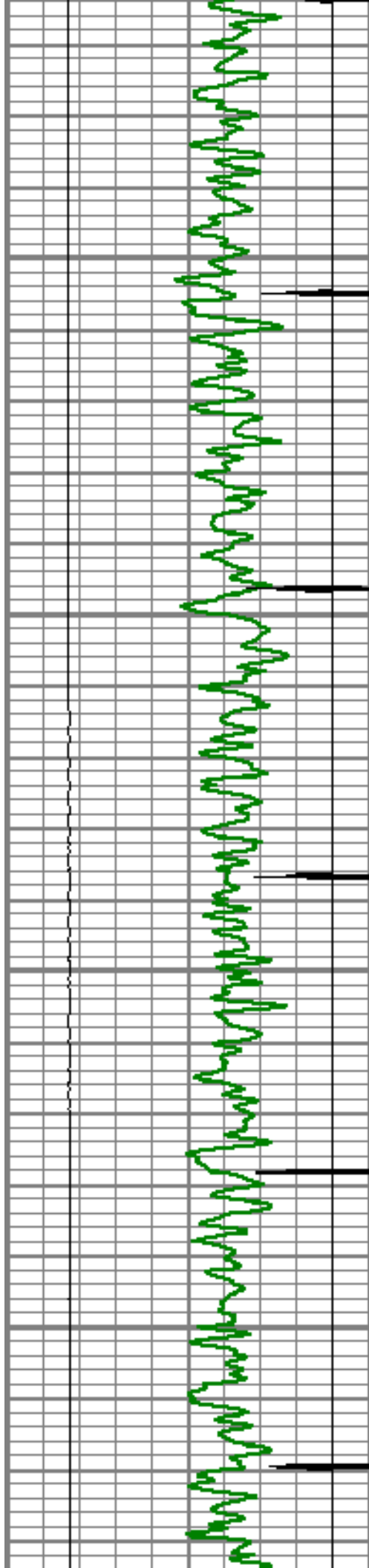
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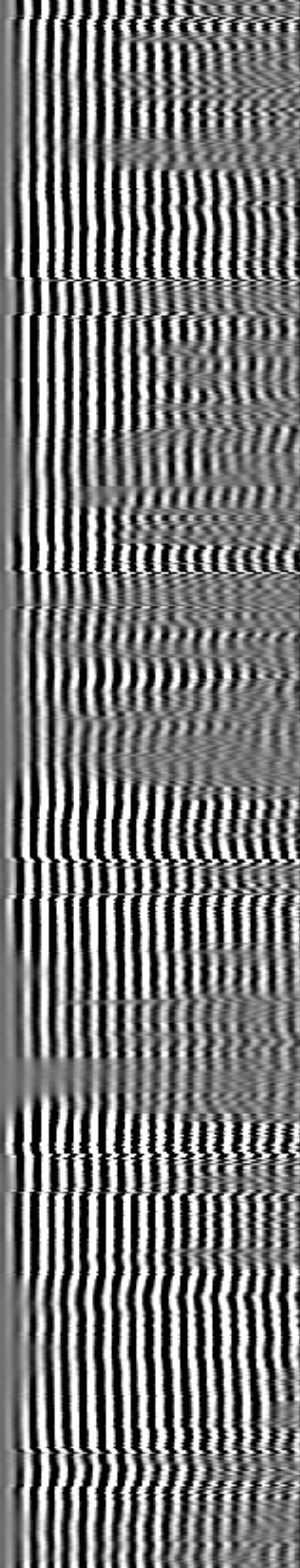
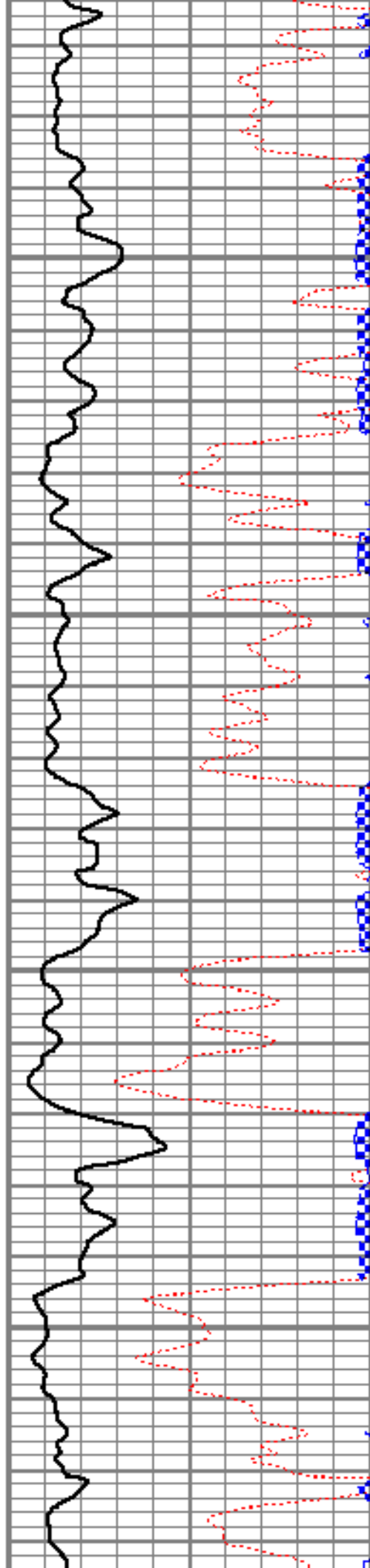


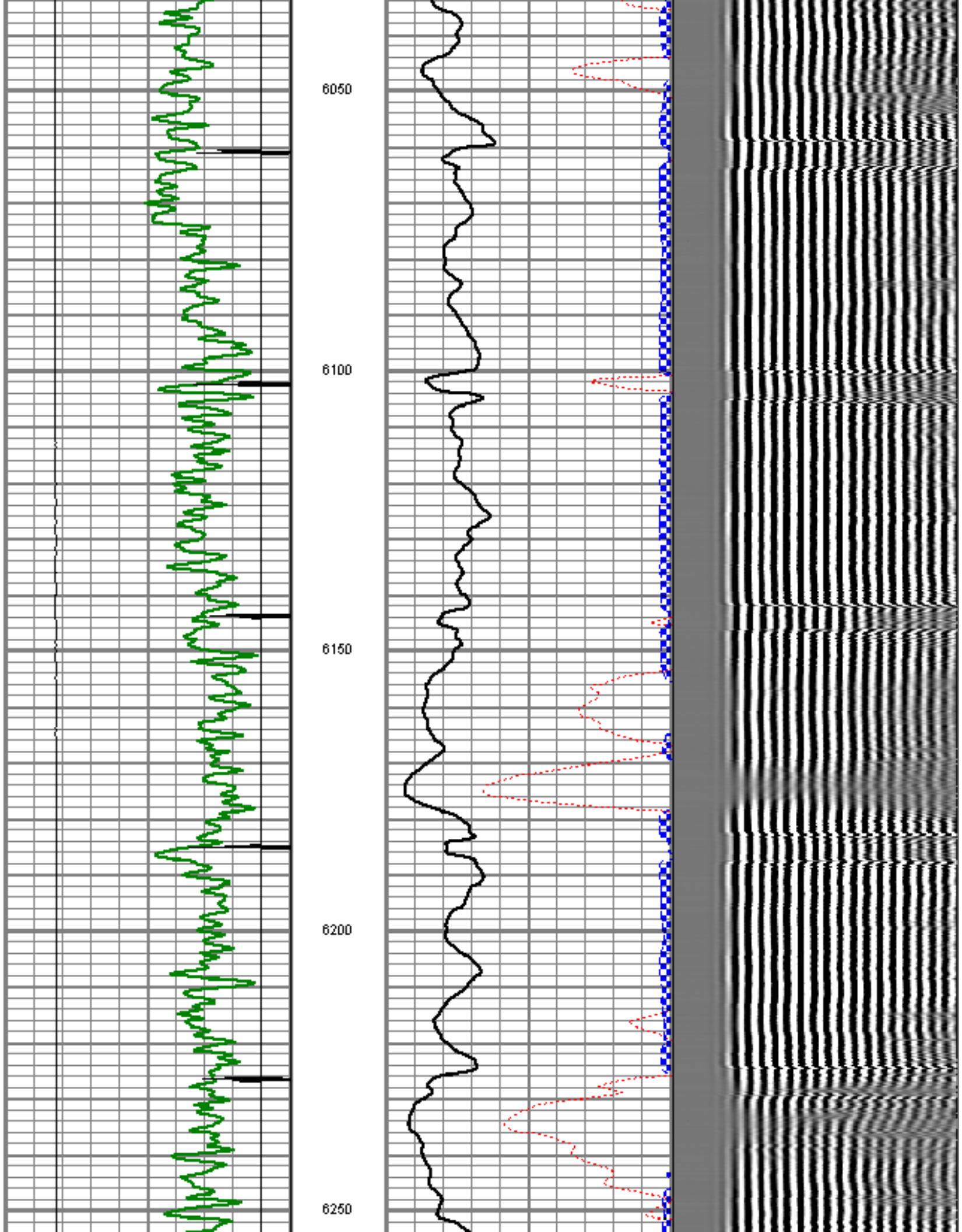
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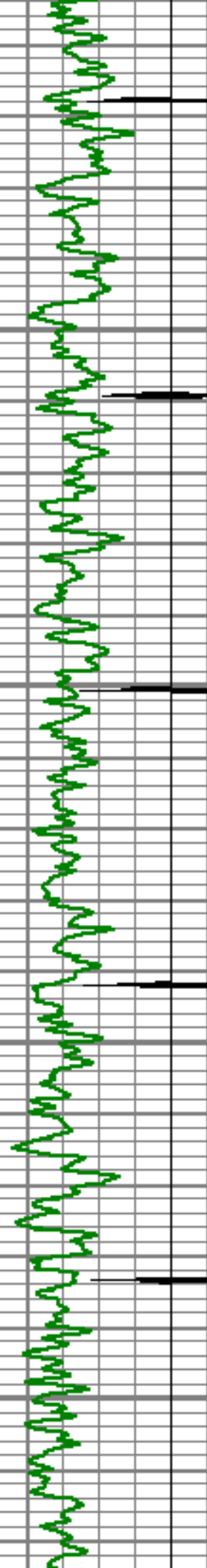
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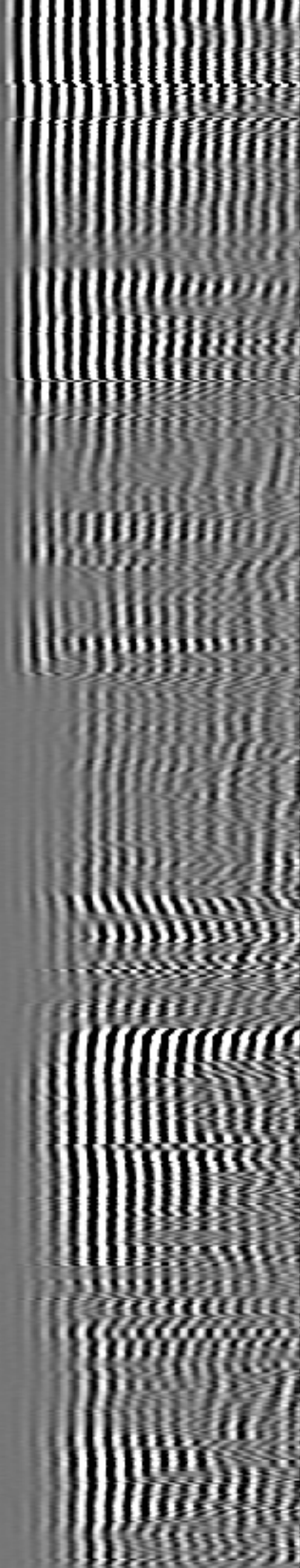
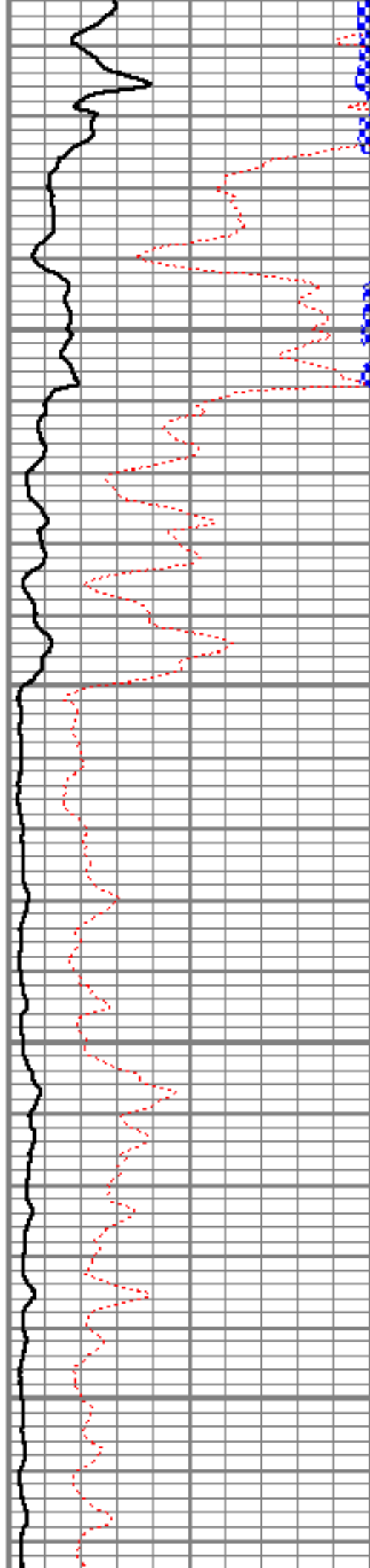


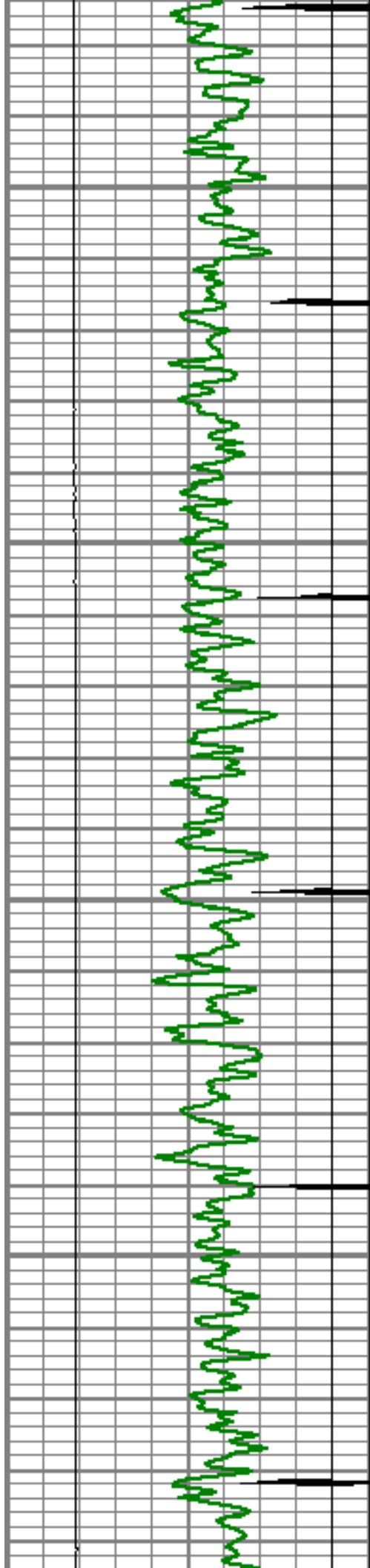
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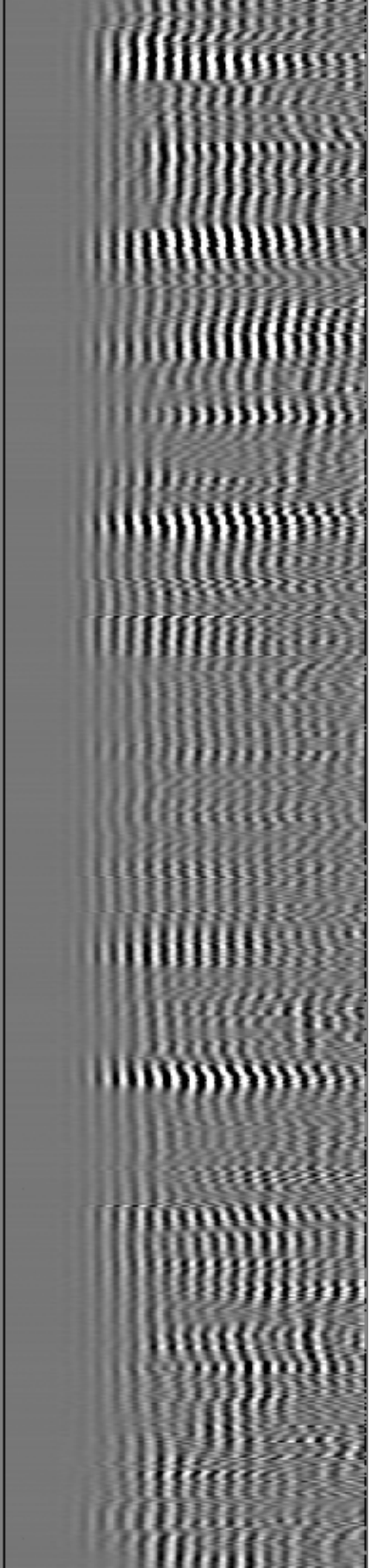
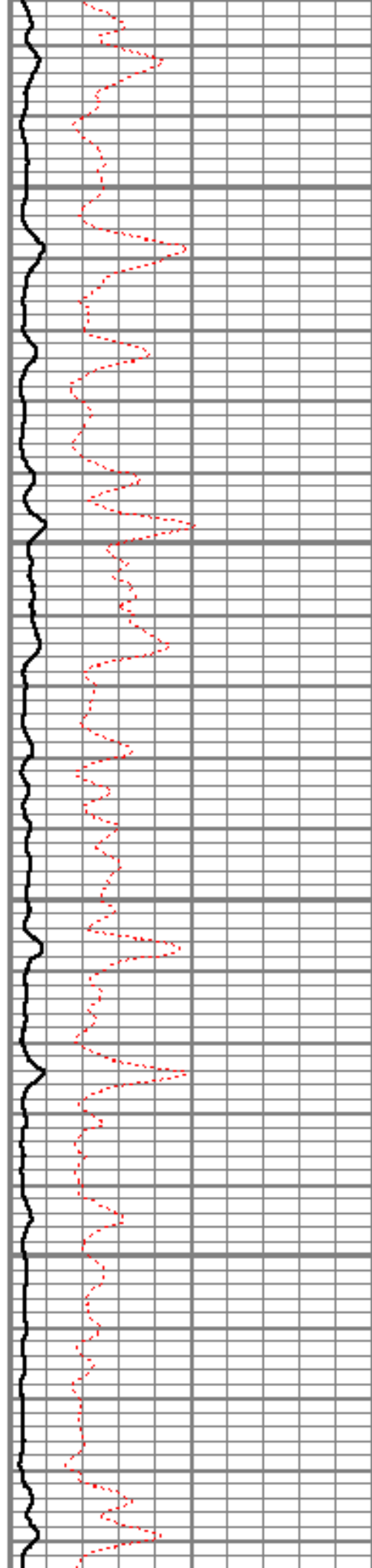


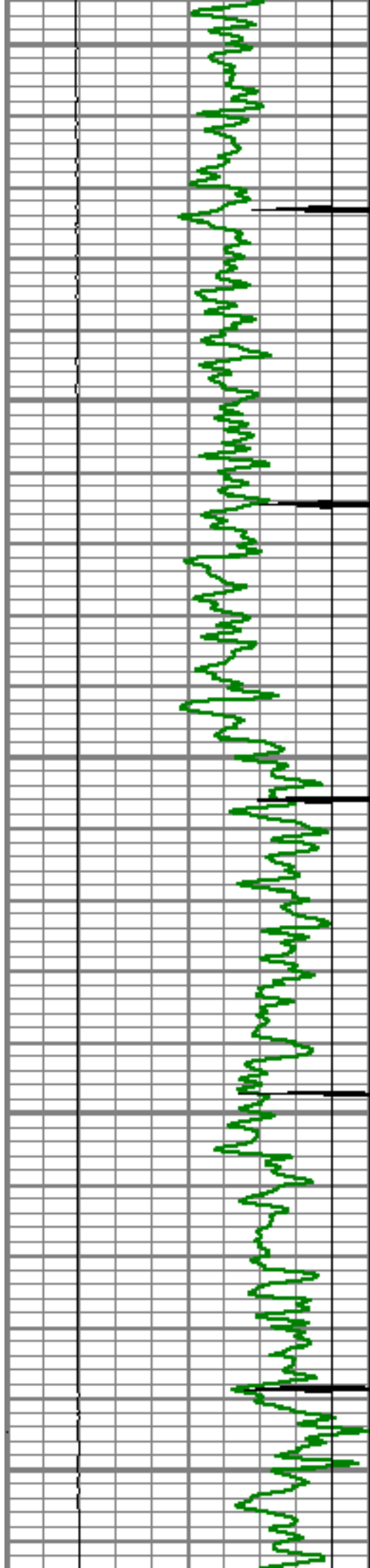
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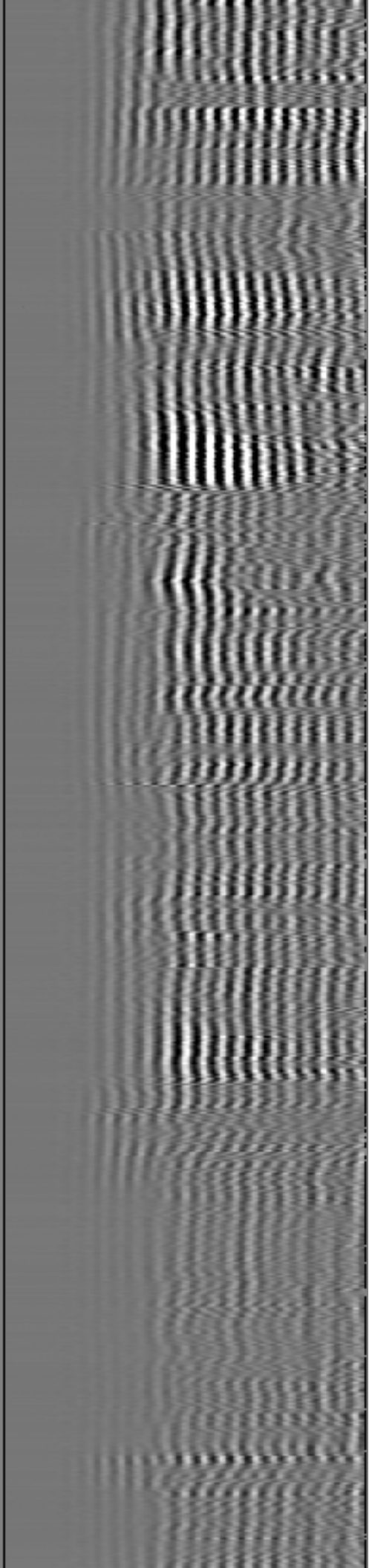
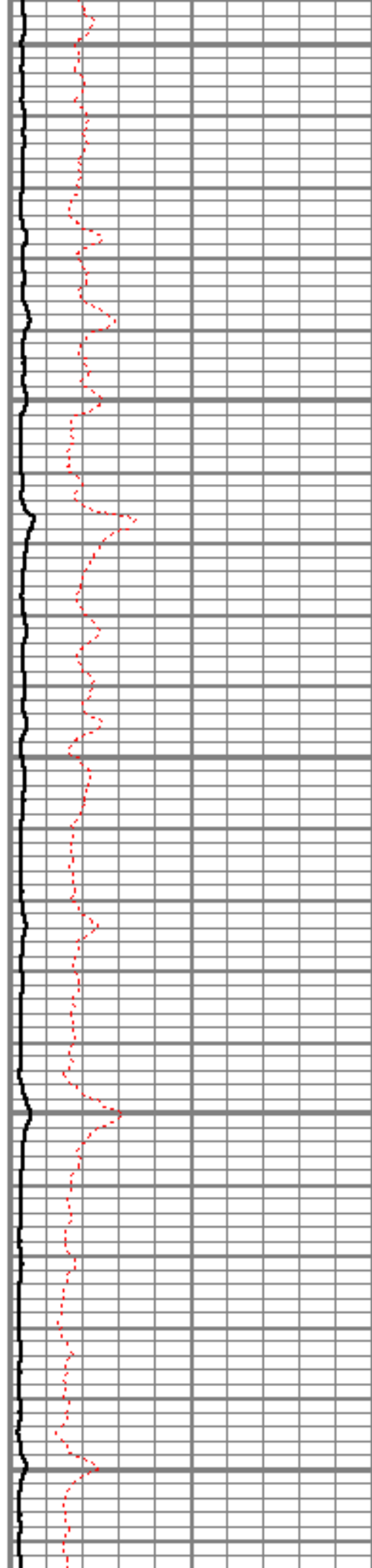
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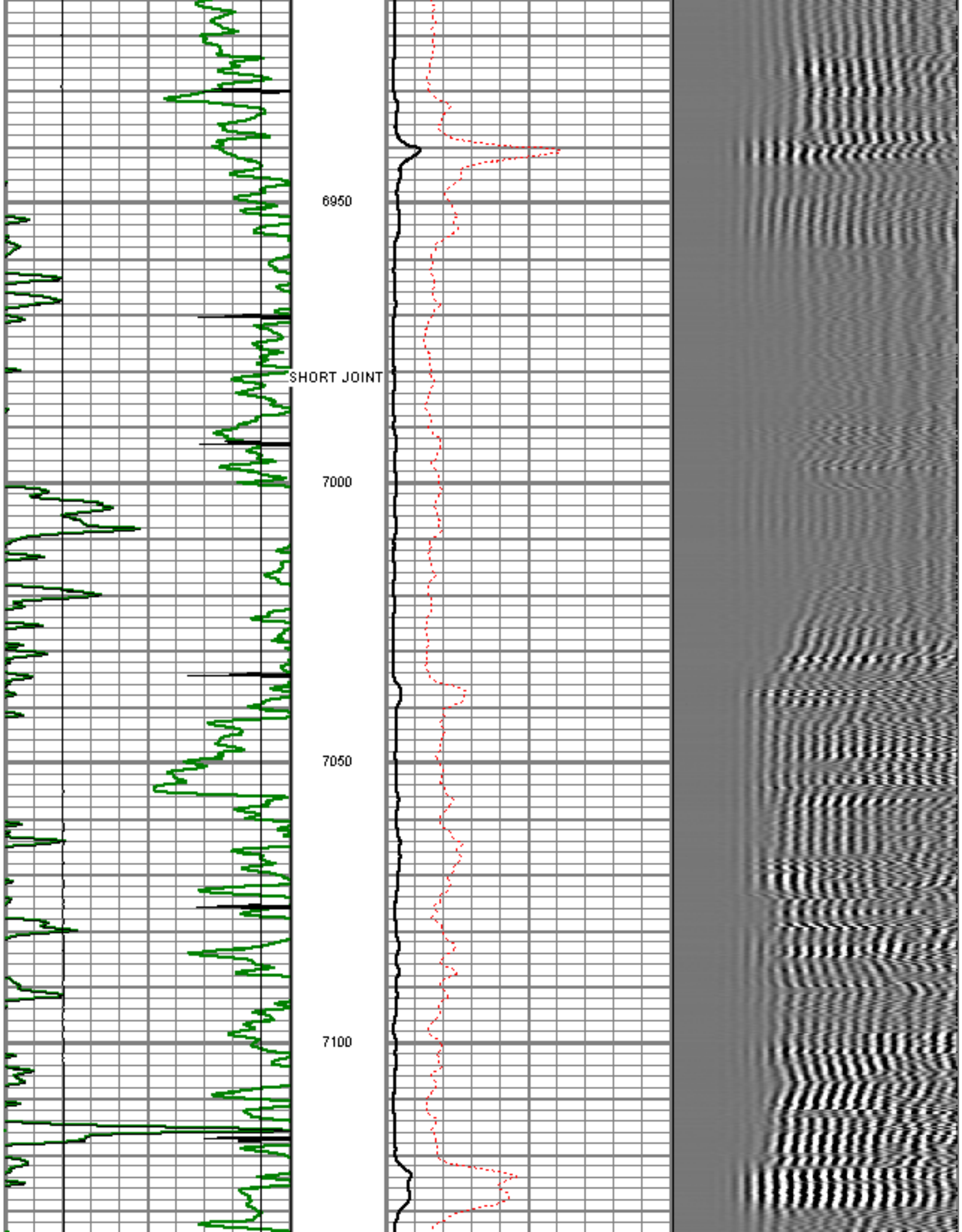
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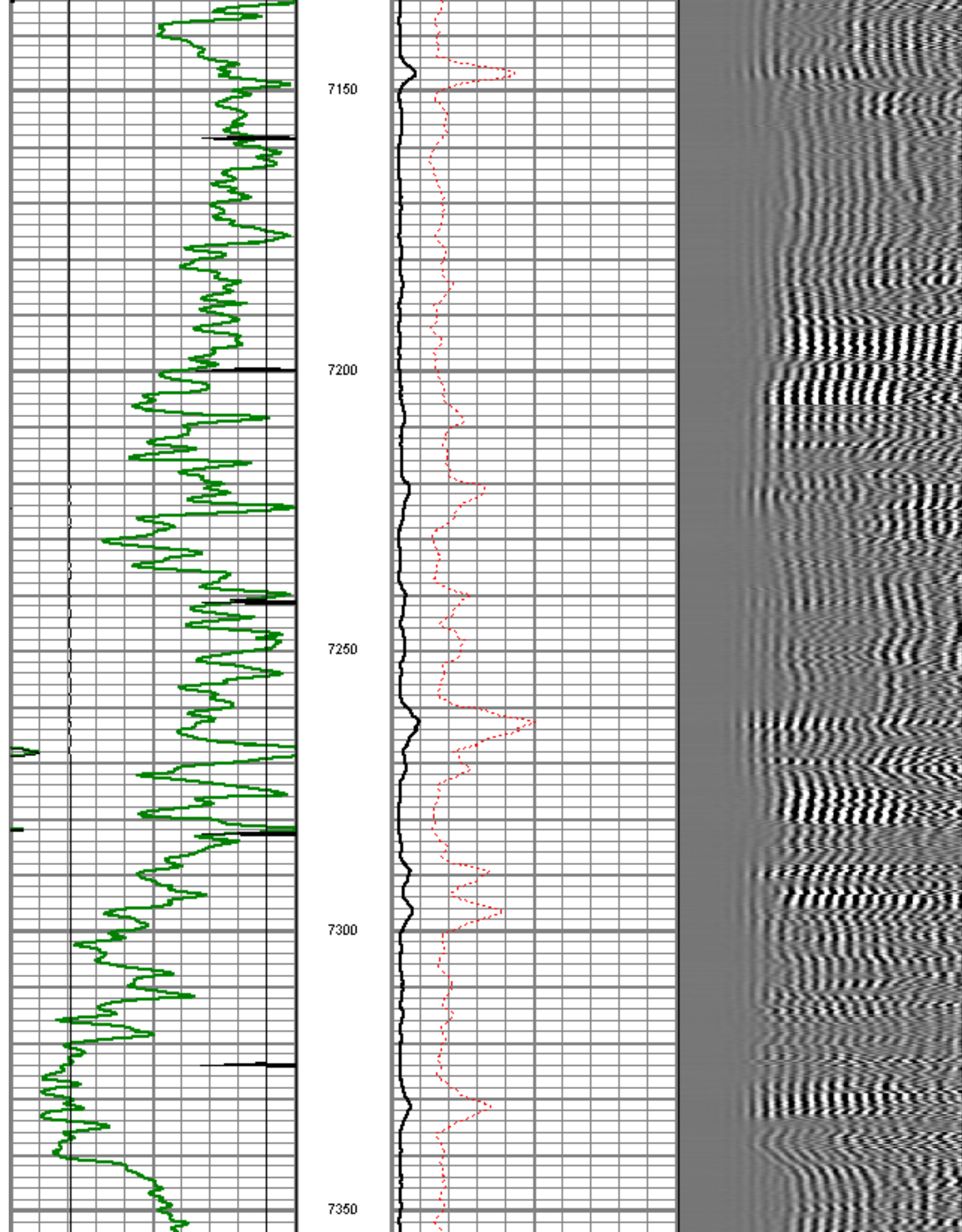
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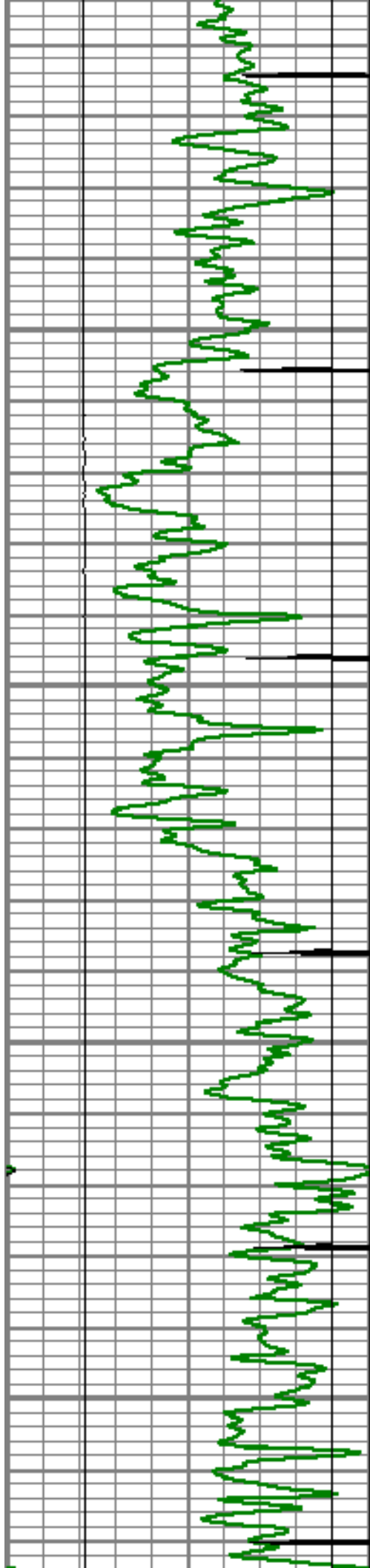
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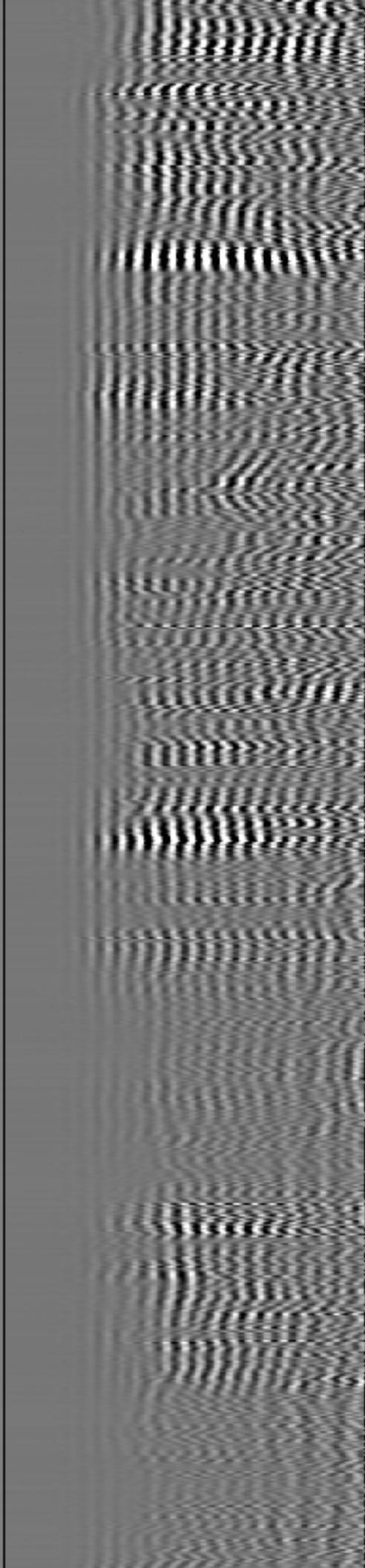
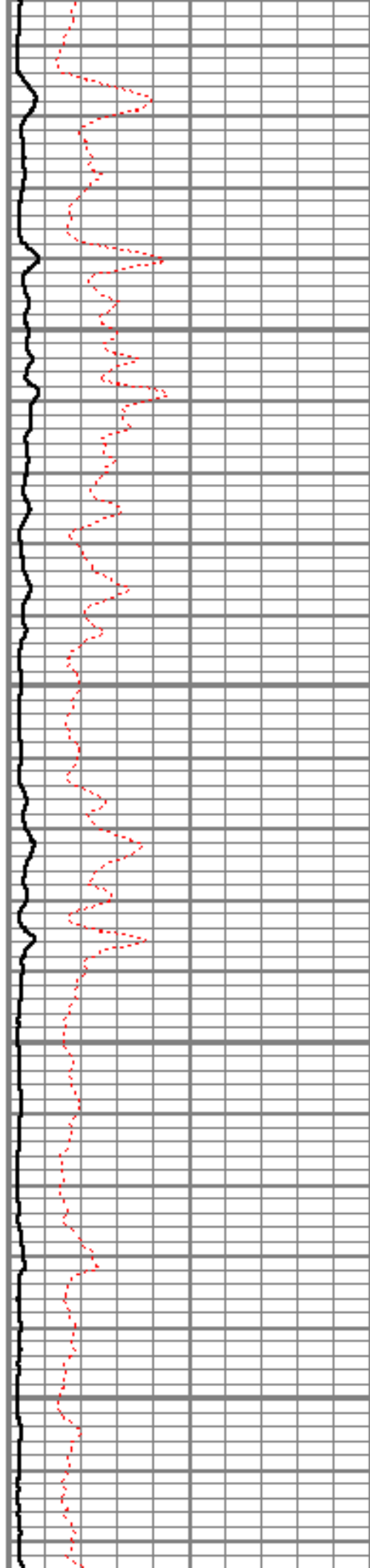


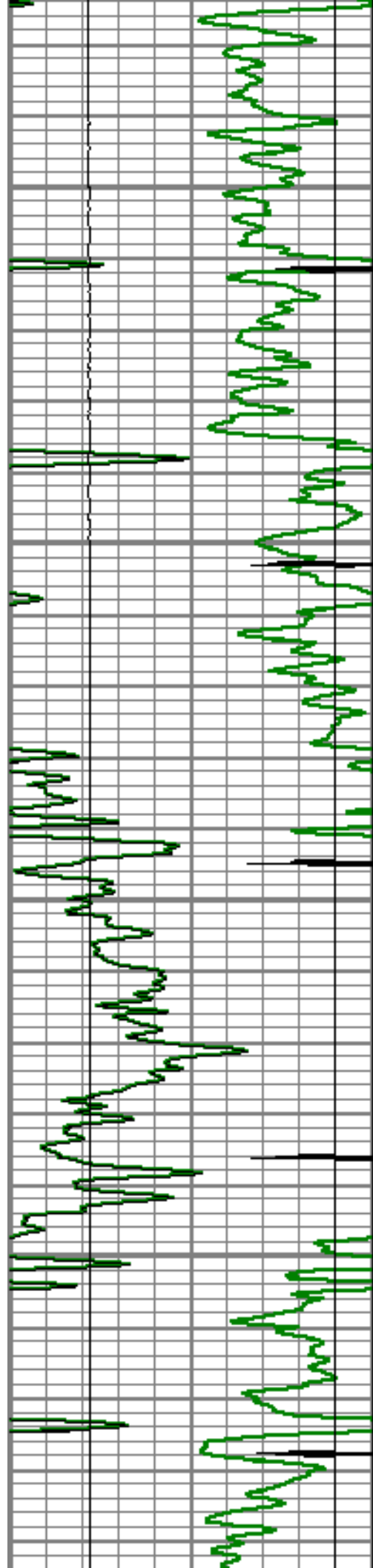
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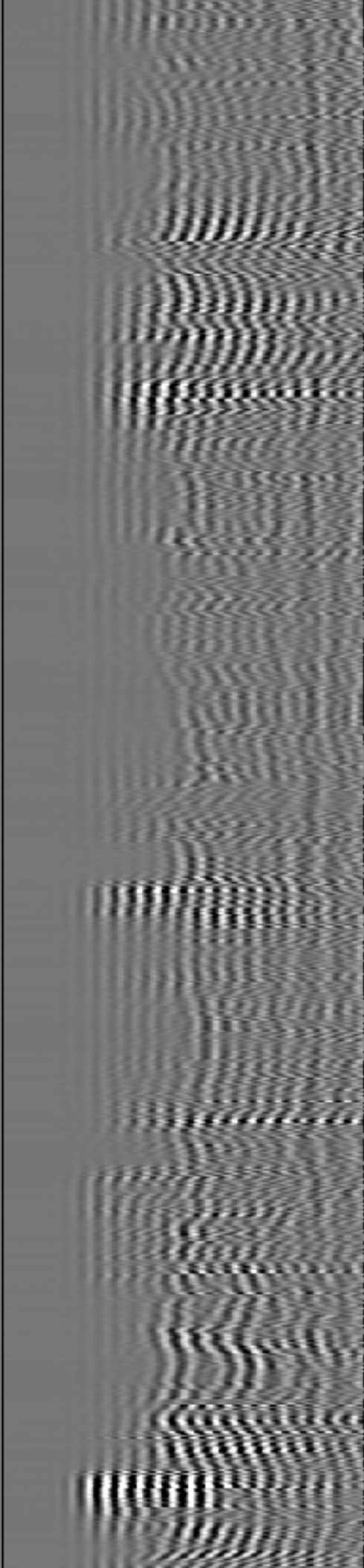
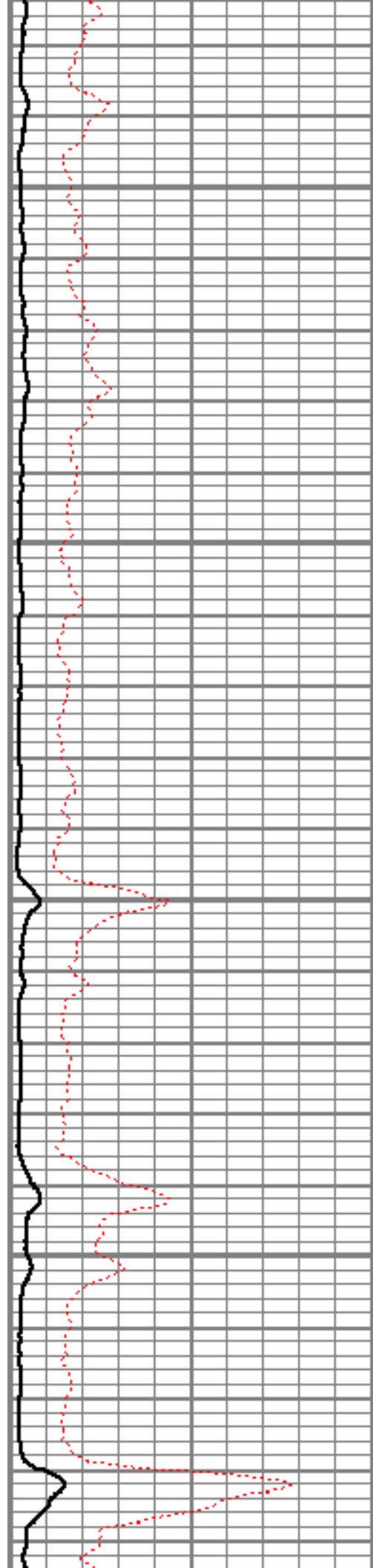


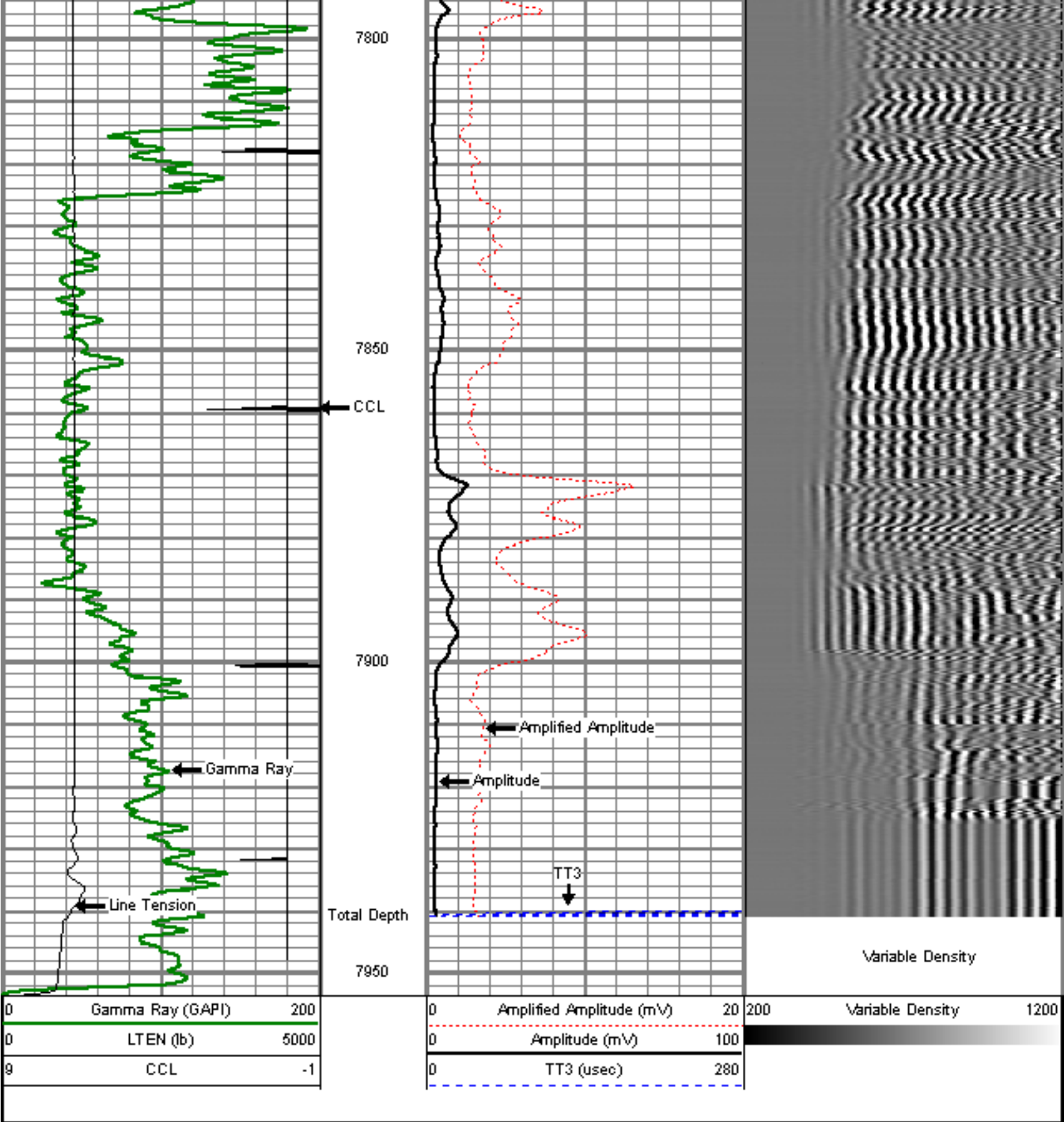
7600


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| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|----------------------------------|-------------|---|-----------------------------|----------|---------|---------|
| titan | |  | Titan Cable Head Go Pls. | 1.02 | 1.44 | 1.50 |
| Centralizer-Probe (CENT-PROBE-1) | | | Probe Bowspring Centralizer | 2.88 | 2.75 | 10.00 |

| | | | | | |
|---|-------|--|---|------|-------|
| WVF3 | 13.69 | | CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.7711) Probe 2.75" Dial Receiver Bond | 2.75 | 60.00 |
| WVF5 | 12.69 | | | | |
| | | | Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer | 2.88 | 10.00 |
| CCL | 5.33 | | CCL-PRB_CCL_2MAG (PRB_CCL_2MAG_02.02) Probe 2 MagnetCCL | 2.75 | |
| | | | GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool | 4.54 | 30.00 |
| GR | 0.75 | | | | |
| Dataset: martinson 0-6-24.db: field/well/run1/pass4 Total Length: 22.10 ft Total Weight: 111.50 lb O.D.: 2.75 in | | | | | |



| | |
|---------|------------------------|
| Company | ENCANA OIL & GAS (USA) |
| Well | MARTINSON 0-6-24 |
| Field | WATTENBERG |
| County | WELD |
| State | CO |

