



CEMENT BOND LOG

Mesa Wireline

| | | | |
|---|-------------------------------|--------------------------|--|
| Company | BAYSWATER EXPLORATION & PROD. | | |
| Well | SCHLOTTHAUER 14-23 | | |
| Field | WATTENBERG | | |
| County | WELD | | |
| State | COLORADO | | |
| Company BAYSWATER EXPLORATION & PROD. LLC | | Other Services | |
| Well SCHLOTTHAUER 14-23 | | NONE | |
| Field WATTENBERG | | | |
| County WELD | | State COLORADO | |
| Location: | | API #: 05-123-34777-0000 | |
| SHL: 85' FSL & 886' FWL SWSW | | | |
| BHL: 747' FSL & 1970' FWL SESW | | | |
| SEC: 23 TWP: 7N RGE: 67W | | | |
| Permanent Datum GROUND LEVEL | | Elevation 4965' | |
| Log Measured From KELLY BUSHING = 16' | | K.B. 4981' | |
| Drilling Measured From KELLY BUSHING | | D.F. 4980' | |
| | | G.L. 4965' | |

| | | | | | | | |
|------------------------|--------------|--------|---------------|--------|--------|------|----|
| Date | 9 APRIL 2012 | | | | | | |
| Run Number | ONE | | | | | | |
| Depth Driller | 7700' | | | | | | |
| Depth Logger | 7656' | | | | | | |
| Bottom Logged Interval | 7656' | | | | | | |
| Top Log Interval | 600' | | | | | | |
| Open Hole Size | 7.875" | | | | | | |
| Type Fluid | WATER | | | | | | |
| Density / Viscosity | ~8.3# | | | | | | |
| Max. Recorded Temp. | 235 DEG F | | | | | | |
| Estimated Cement Top | 1080' | | | | | | |
| Time Well Ready | N/A | | | | | | |
| Time Logger on Bottom | N/A | | | | | | |
| Equipment Number | 10501 PRD02 | | | | | | |
| Location | AULT, CO | | | | | | |
| Recorded By | Z. EMICK | | | | | | |
| Witnessed By | C. RODRIGUEZ | | | | | | |
| Borehole Record | | | Tubing Record | | | | |
| Run Number | Bit | From | To | Size | Weight | From | To |
| ONE | 12.25" | 0' | 720' | | | | |
| TWO | 7.875" | 20' | 7700' | | | | |
| | | | | | | | |
| Casing Record | Size | Wgt/Ft | Top | Bottom | | | |
| Surface String | 8.625" | 24# | 0' | 714' | | | |
| Prot. String | | | | | | | |
| Production String | 4.5" | 11.6# | 0' | 7690' | | | |
| 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 PSI HIGH RESOLUTION INDUCTION LOG DATED 31 MARCH 2012

SHORT JOINT 7121' - 7136'

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



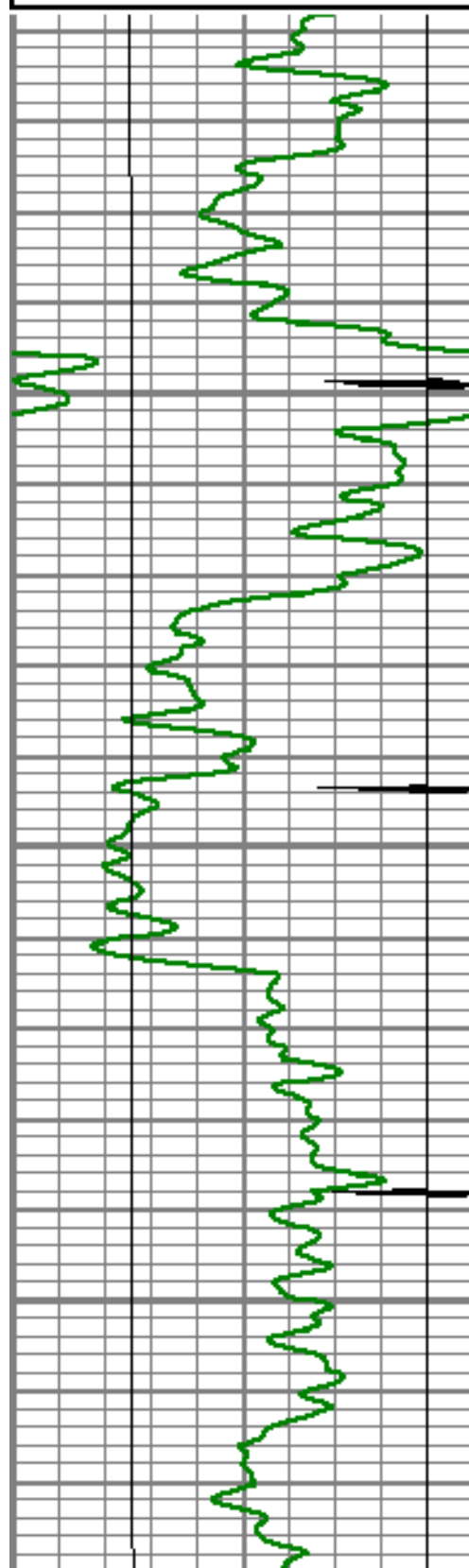
REPEAT PASS

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Dataset Pathname: pass3
Presentation Format: dobl_prb
Dataset Creation: Mon Apr 09 11:28:54 2012 by Log SCH 110722
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 |

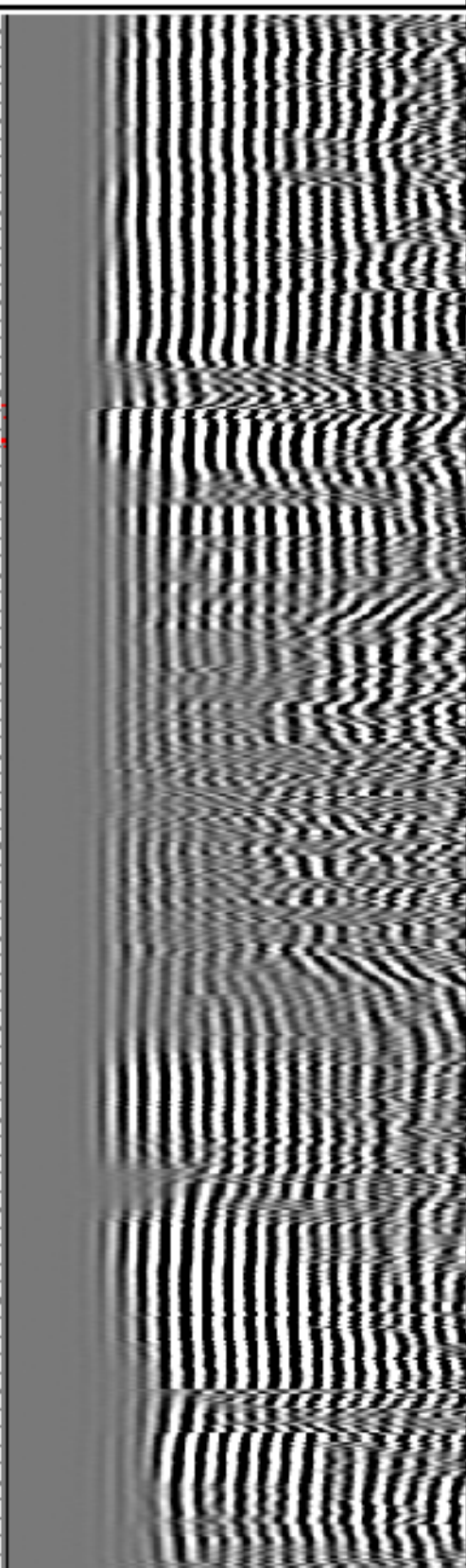
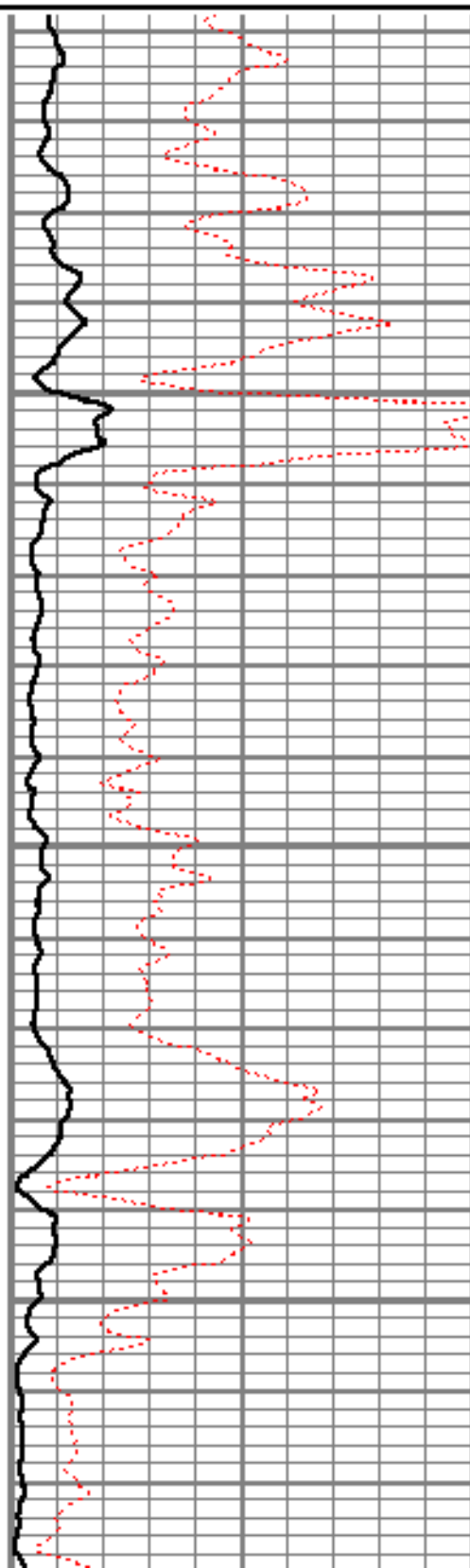
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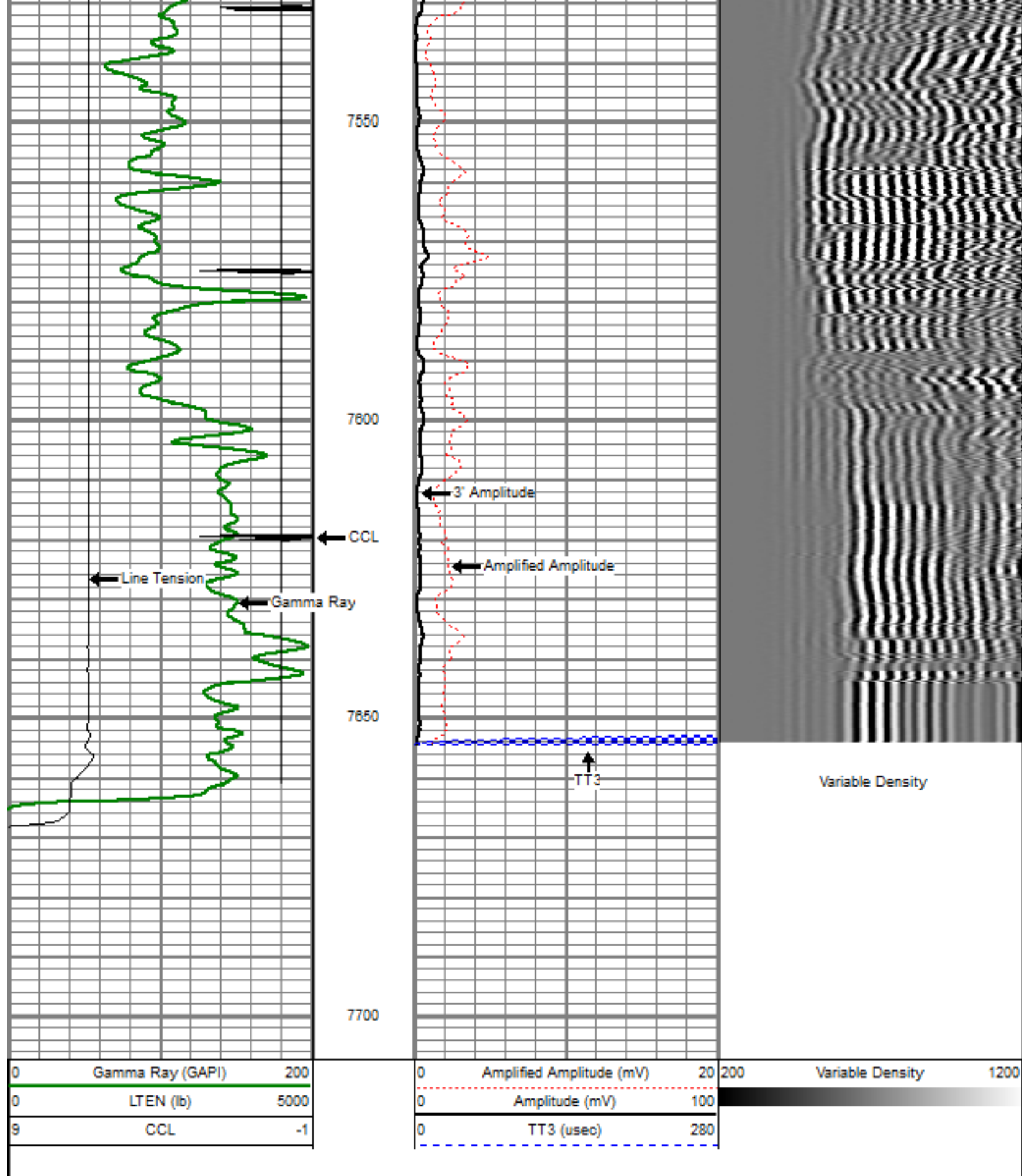


7400

7450

7500





MAIN PASS

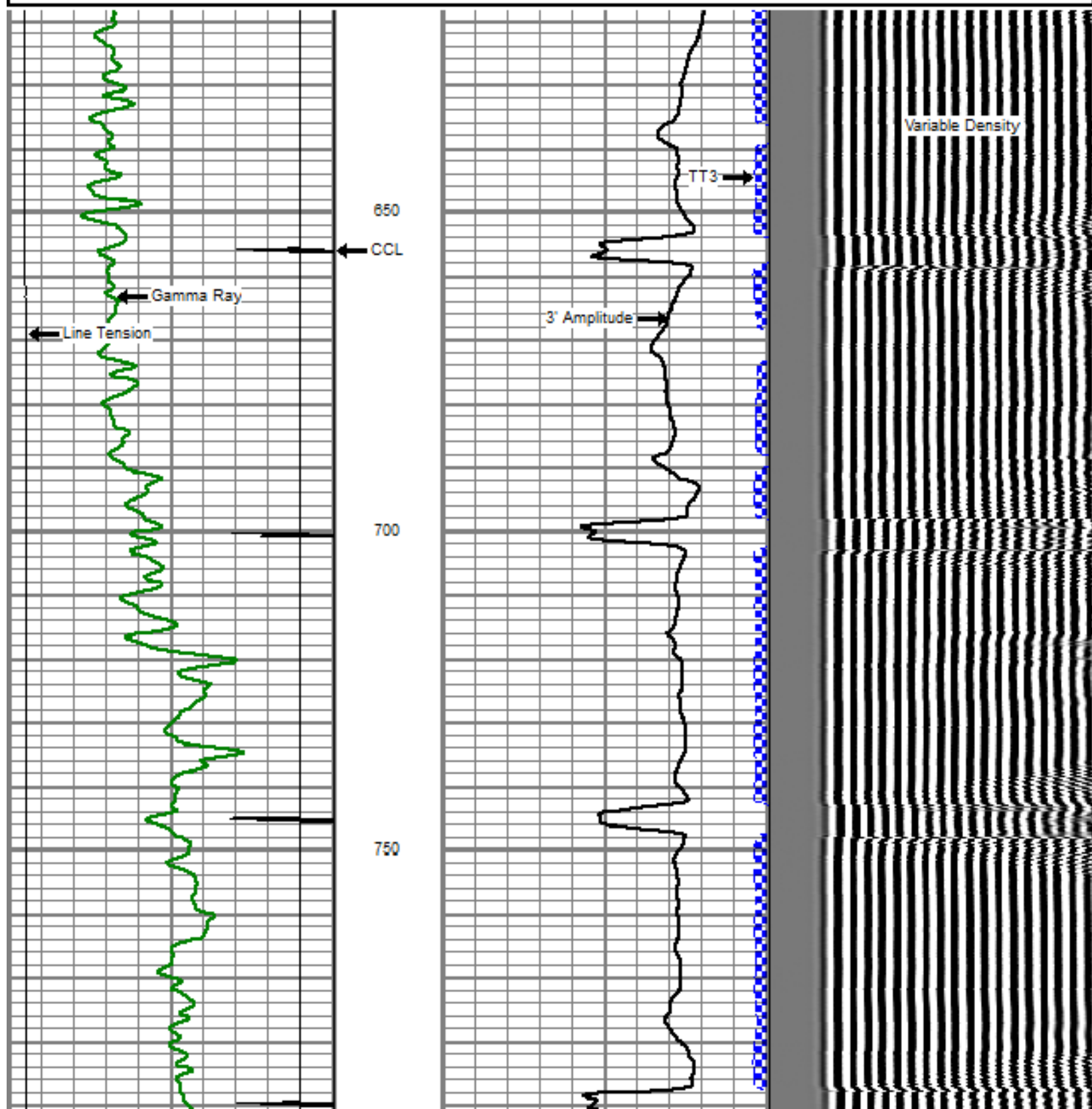
5" - 100'

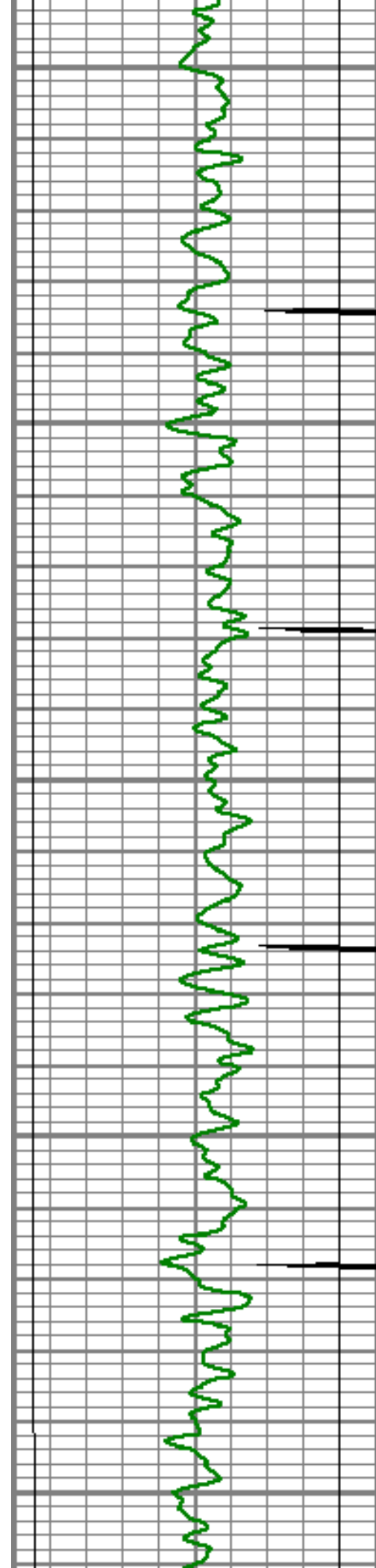
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Presentation Format: dobl_prb
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| | | |
|---|------------------|------|
| 0 | Gamma Ray (GAPI) | 200 |
| 0 | LTEN (lb) | 5000 |
| 9 | CCL | -1 |

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

200 Variable Density 1200





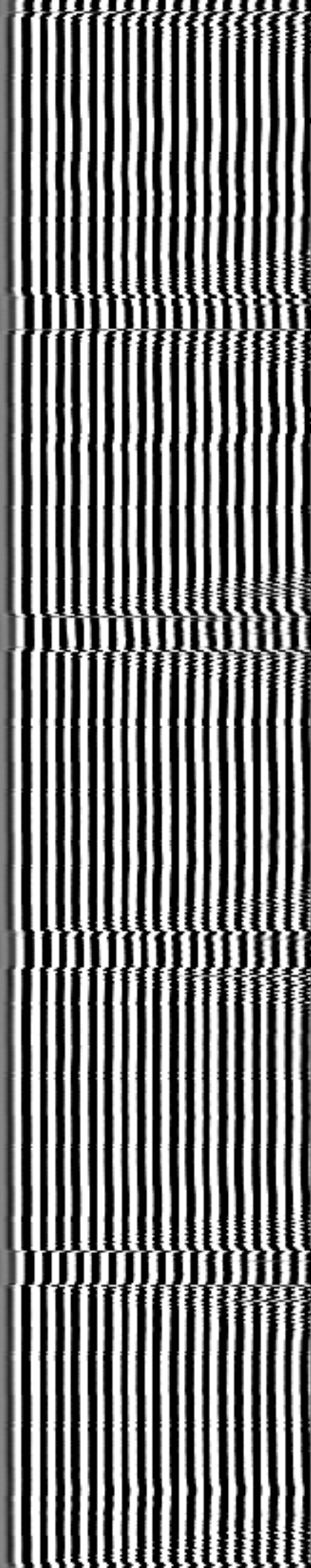
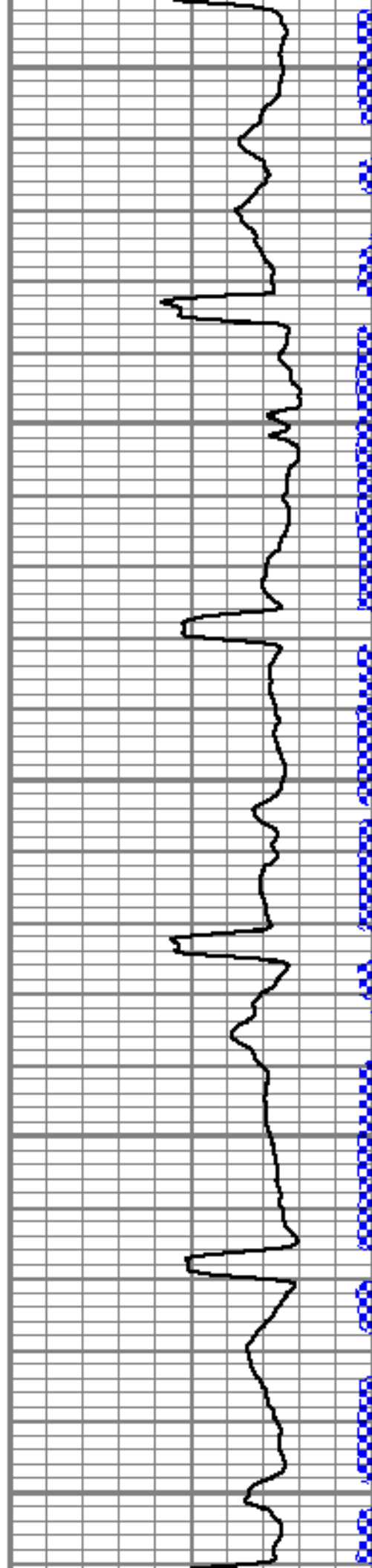
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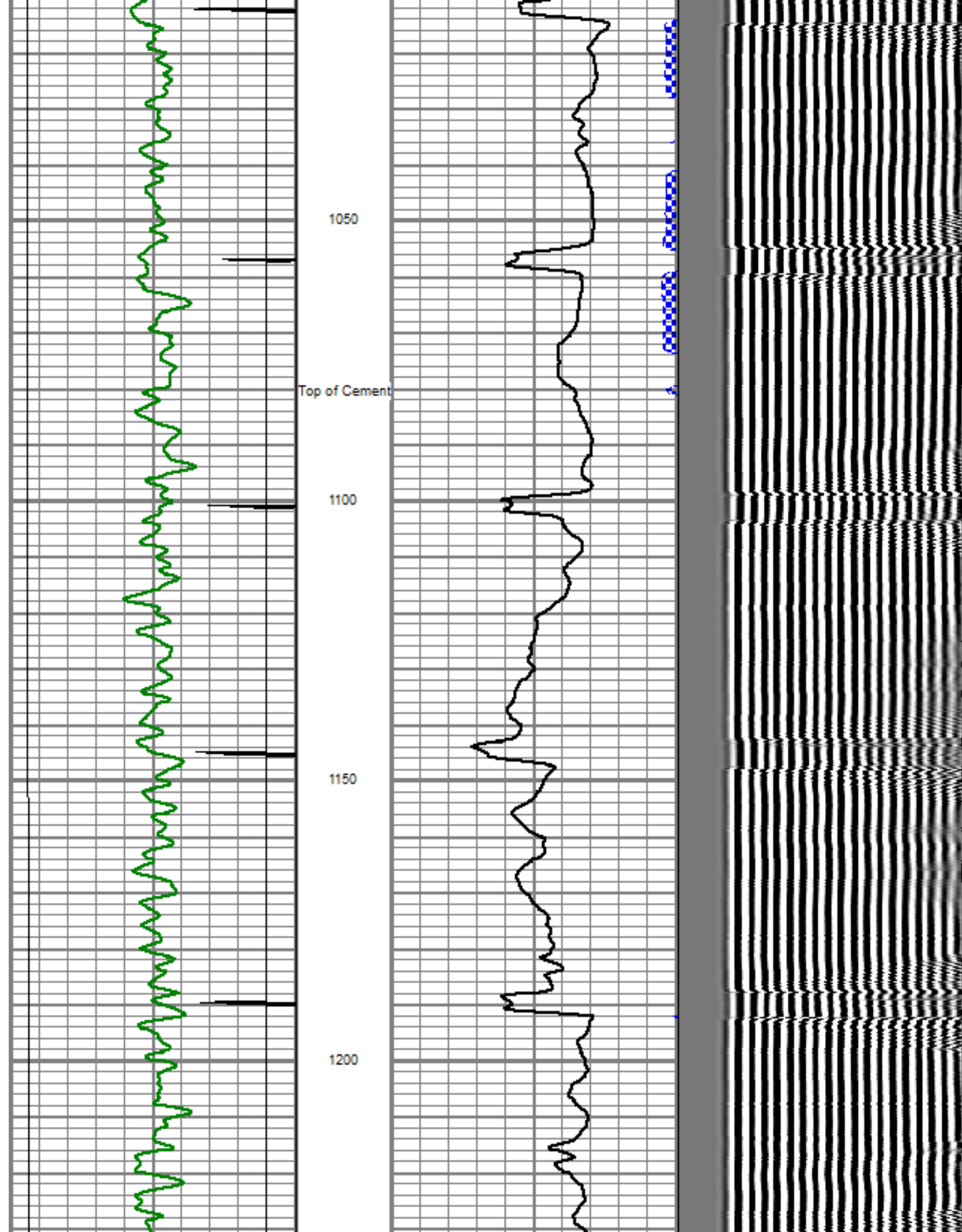
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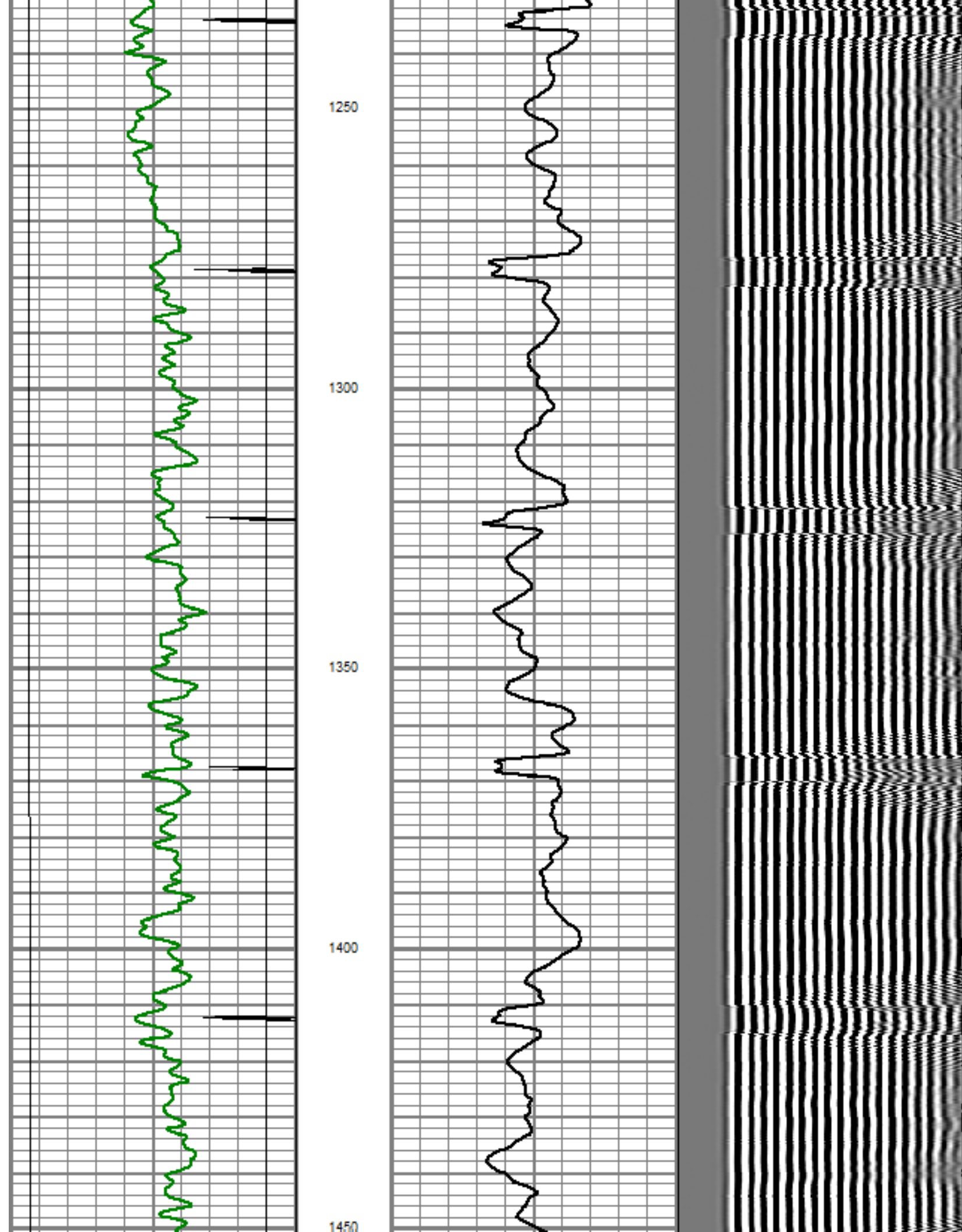
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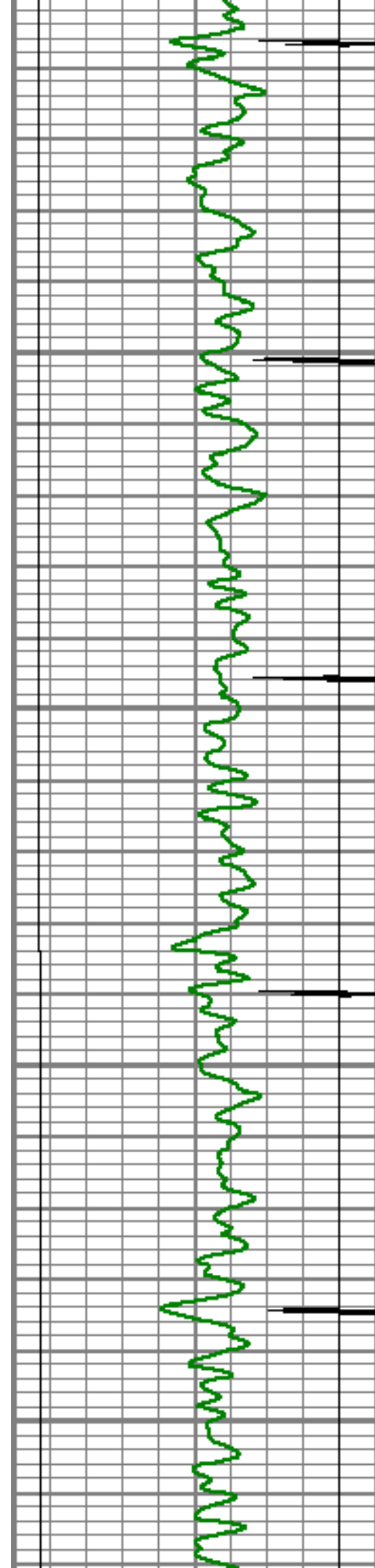
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1000







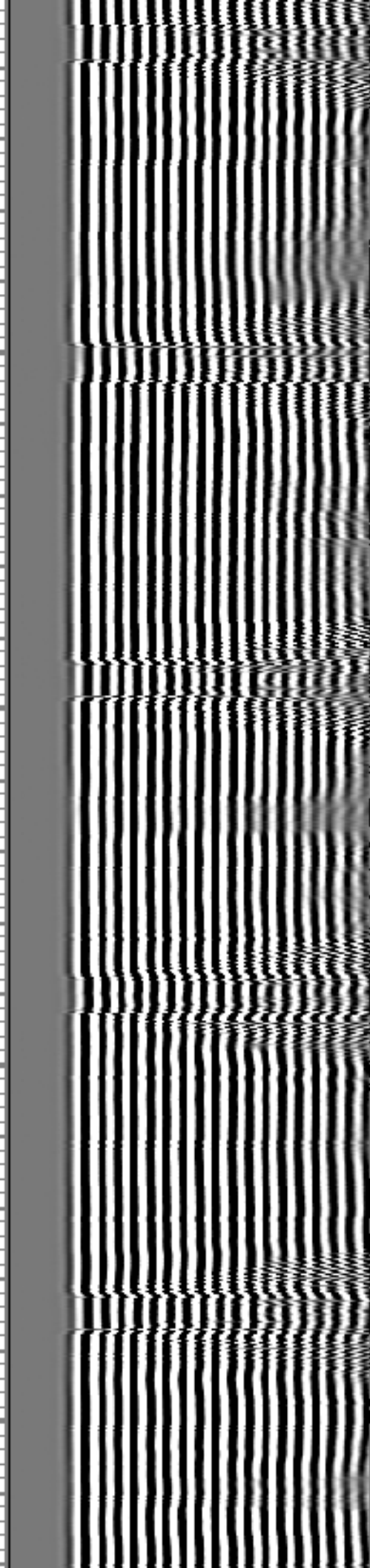
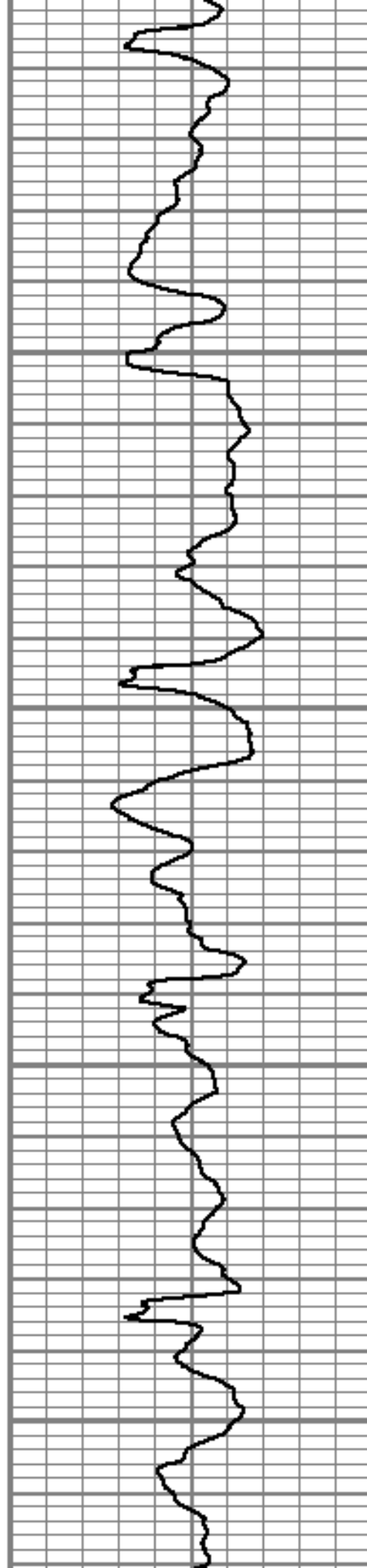


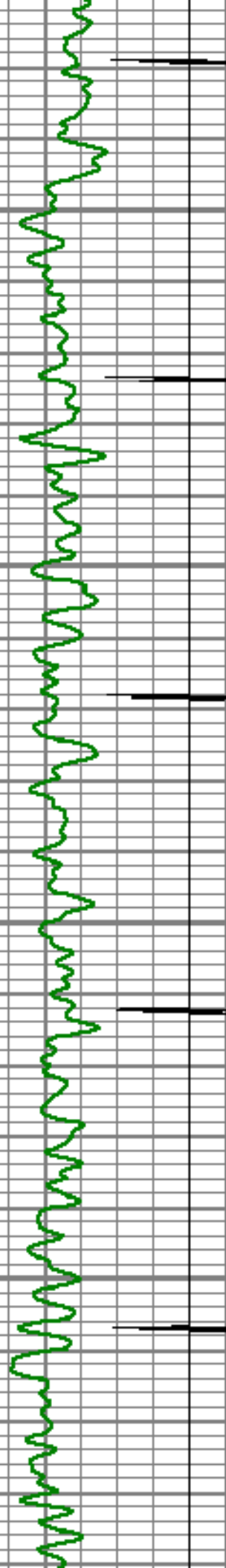
1500

1550

1600

1650



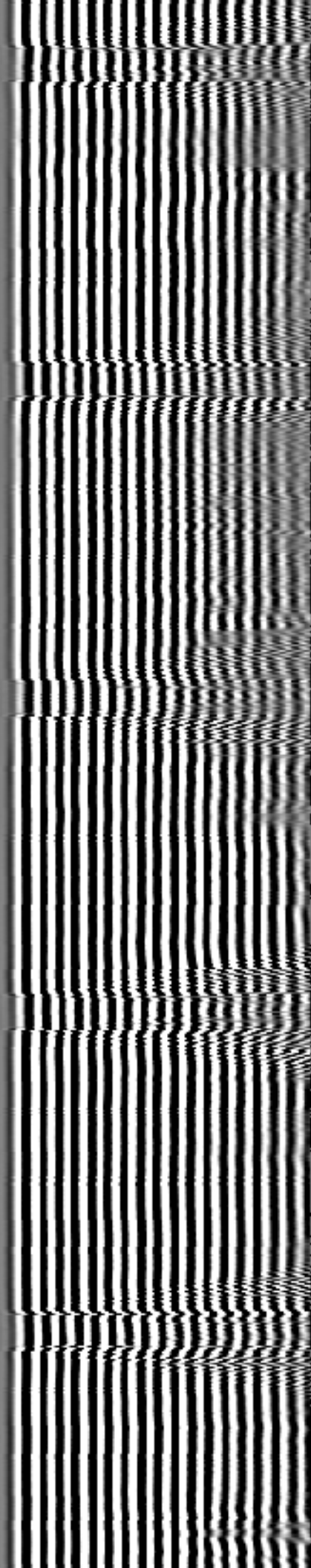
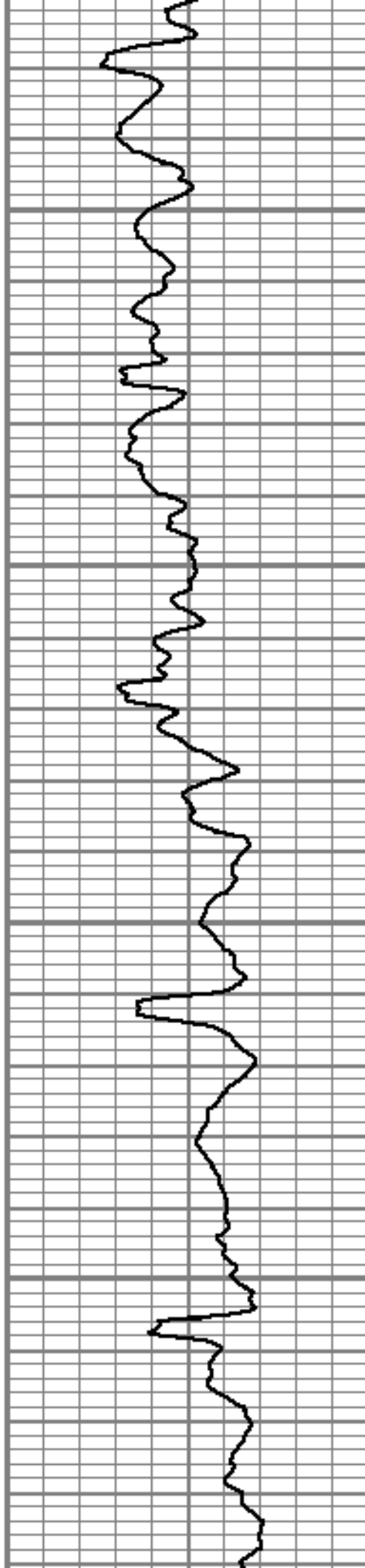


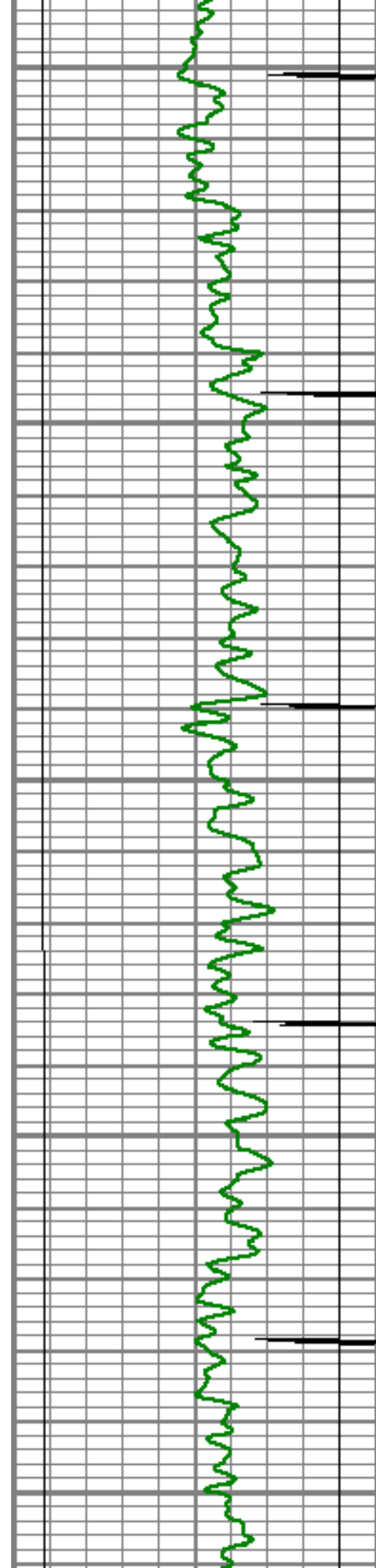
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1800

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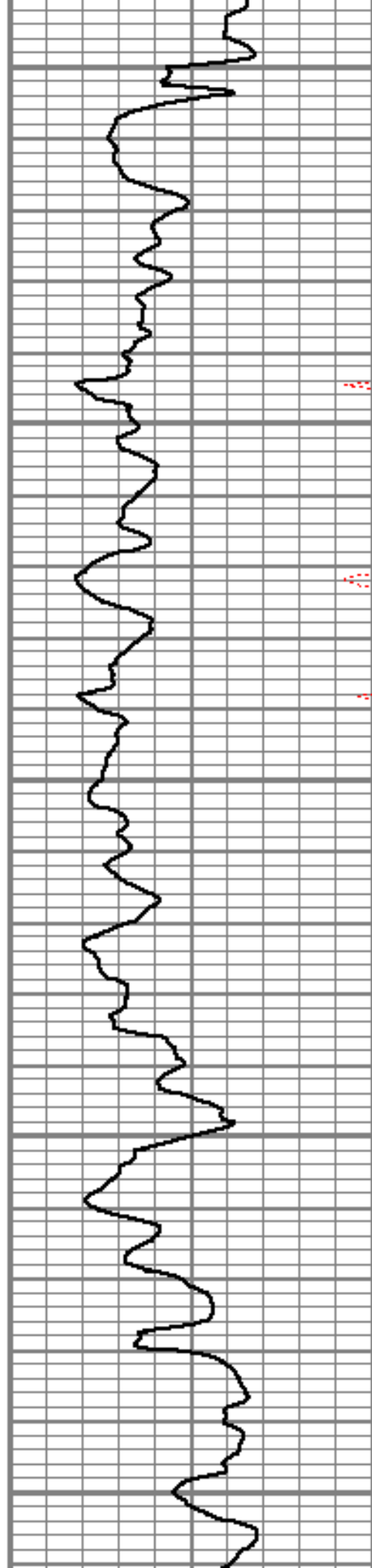
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1950

2000

2050

2100



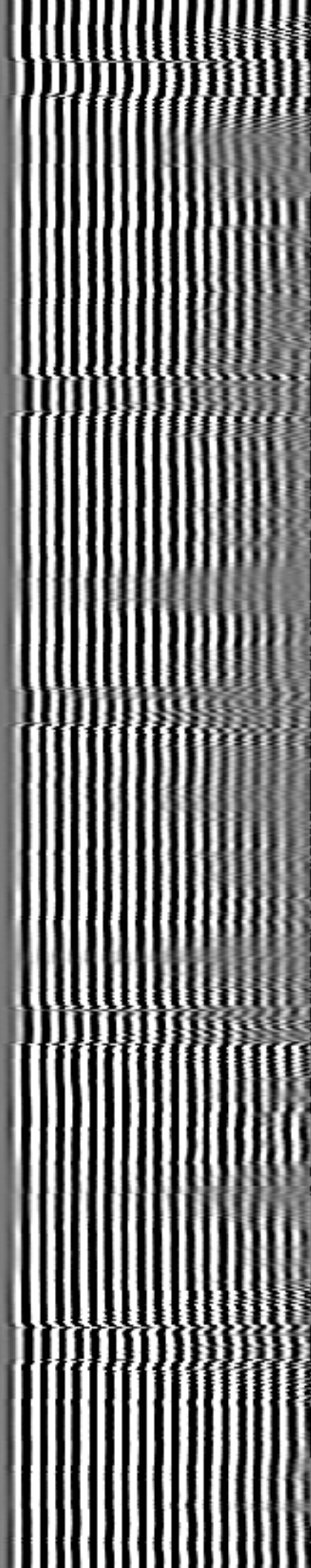
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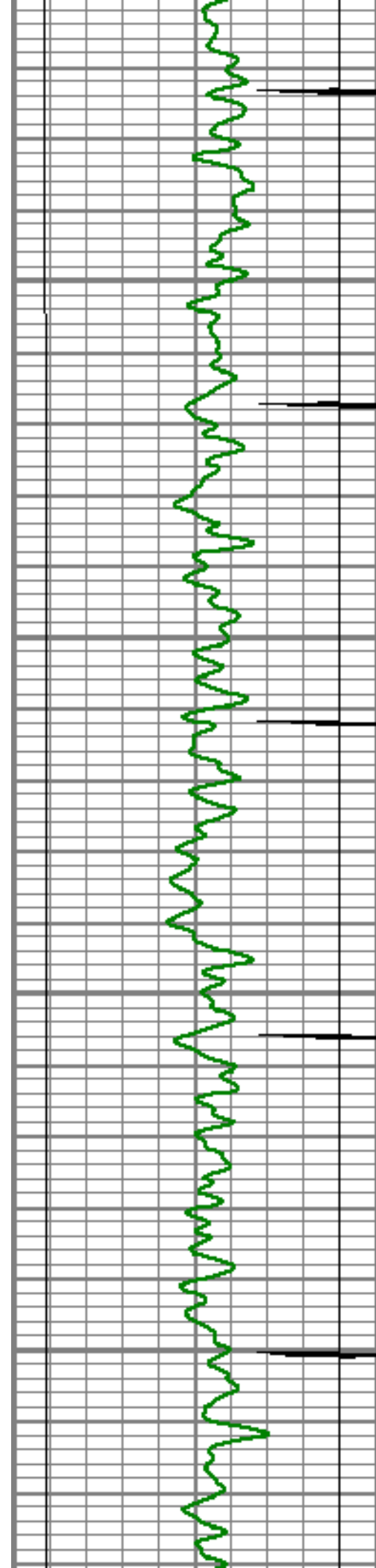
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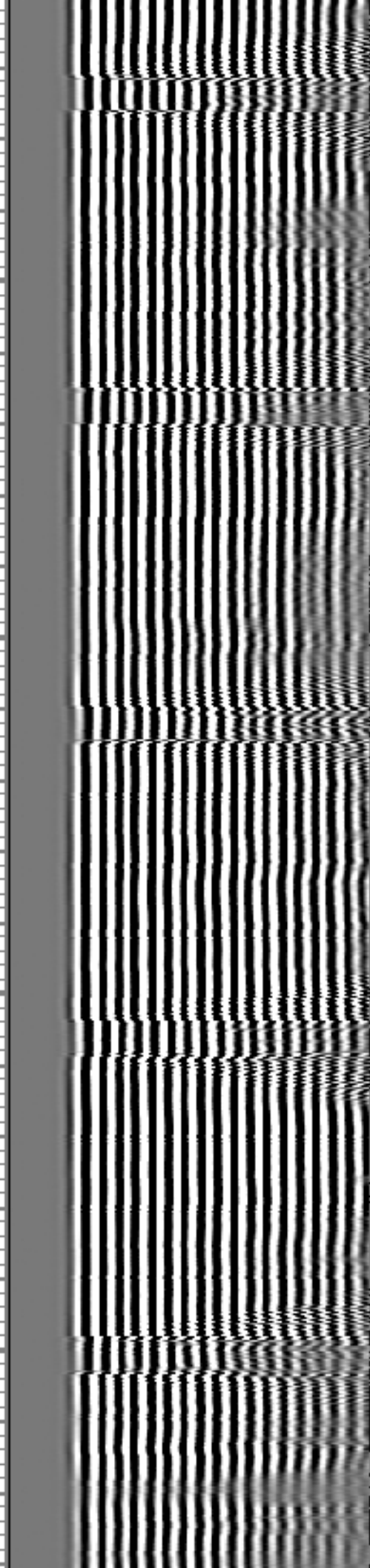
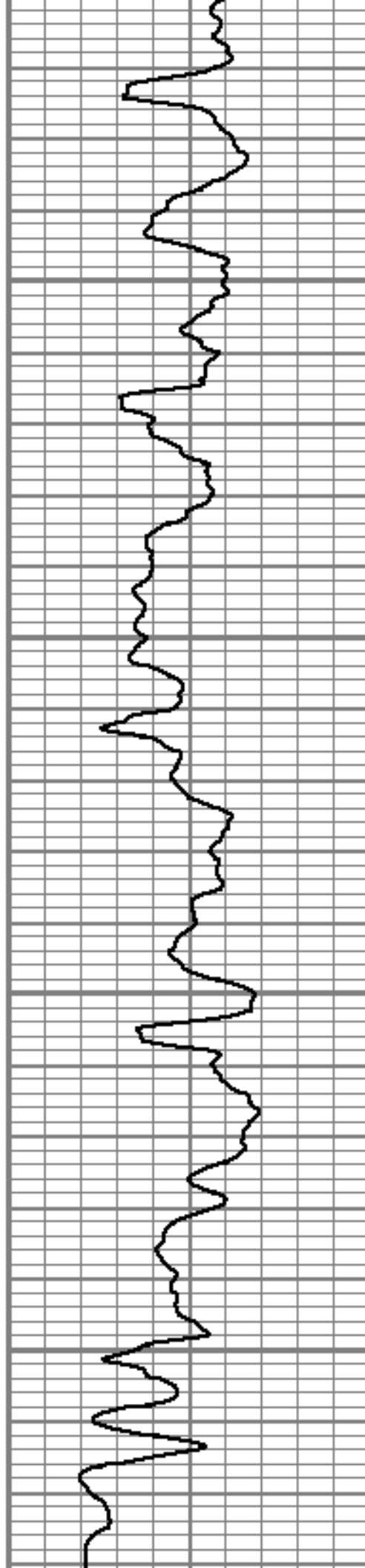


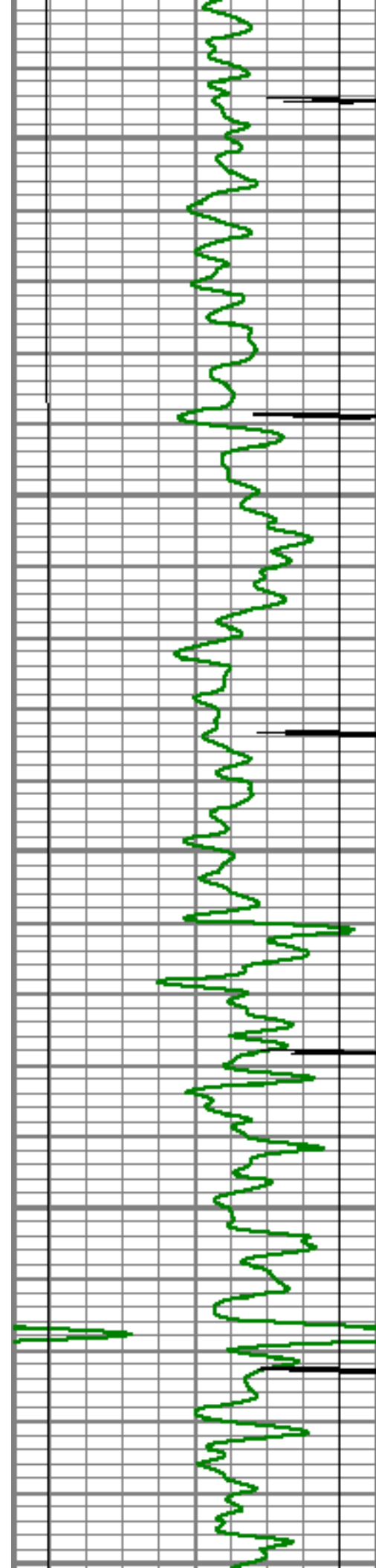
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2200

2250

2300





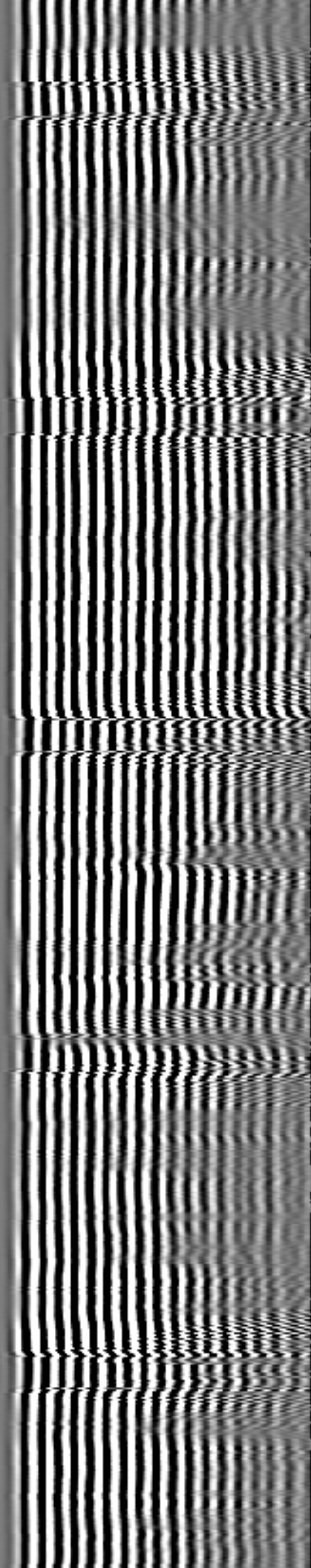
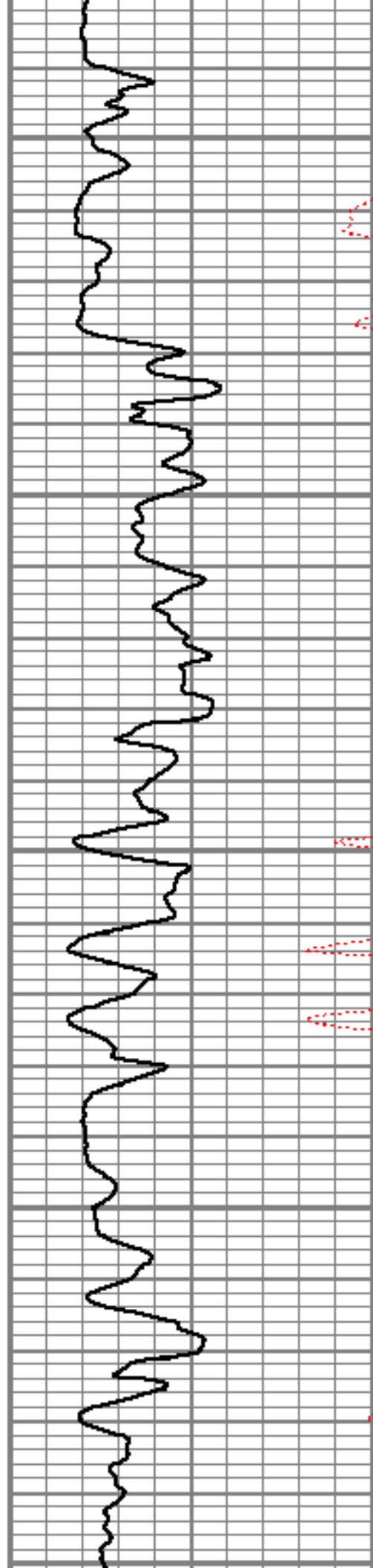
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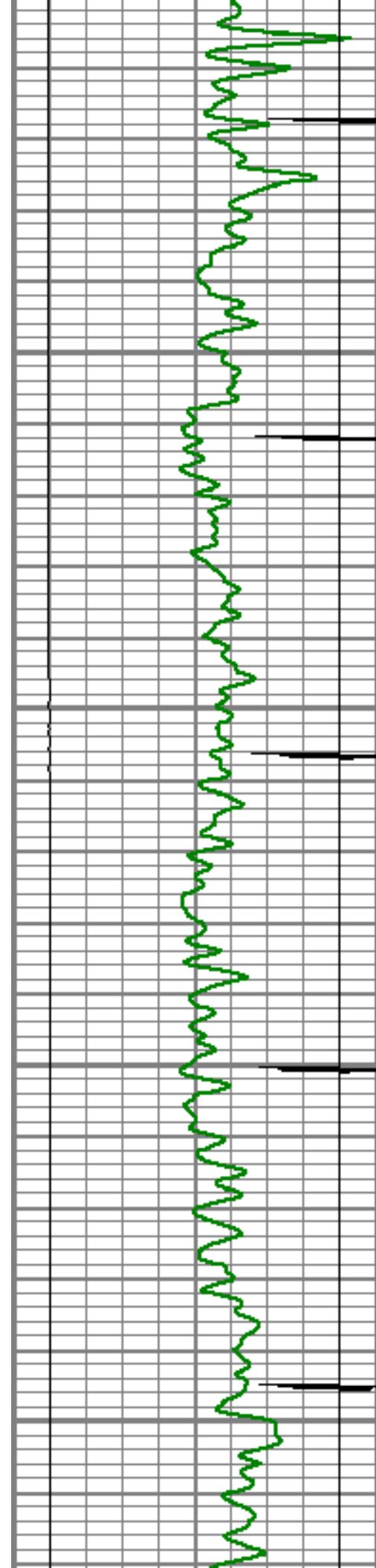
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2500

2550



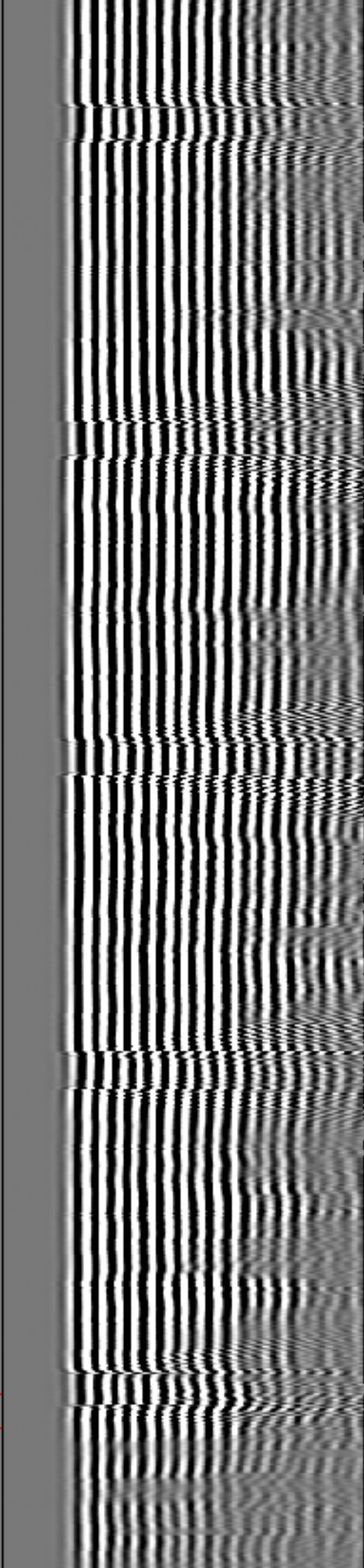
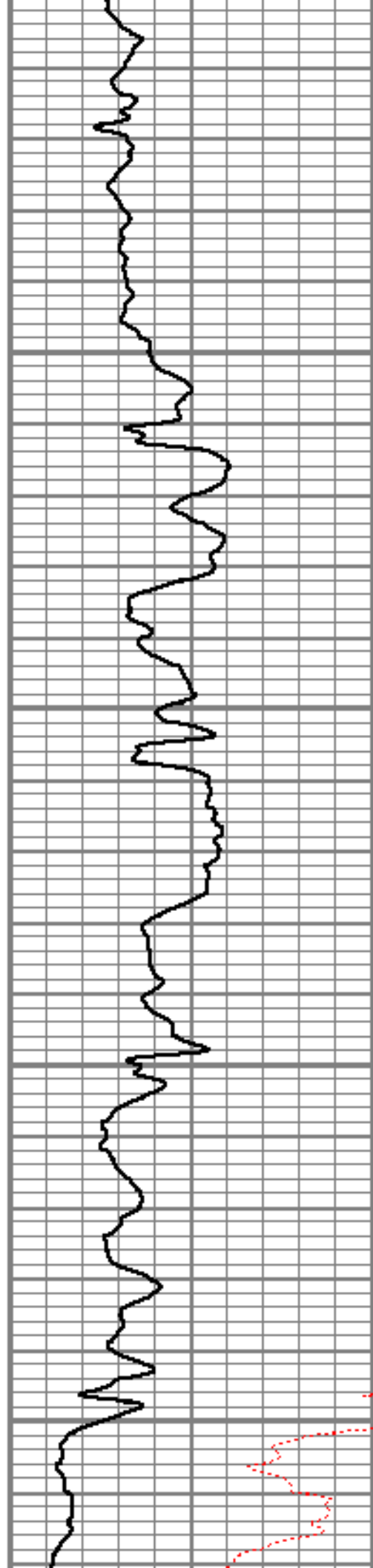


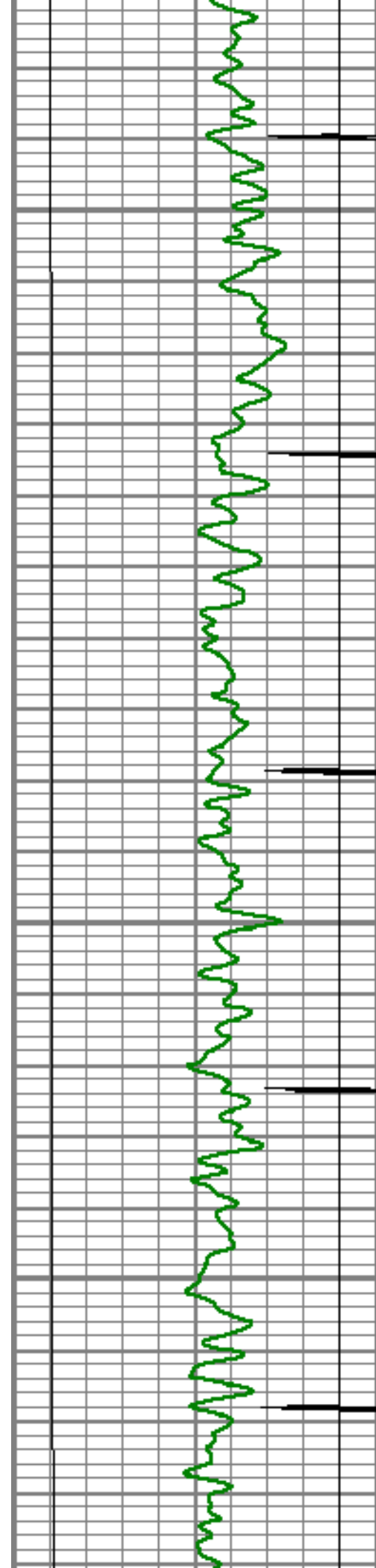
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2850

2700

2750



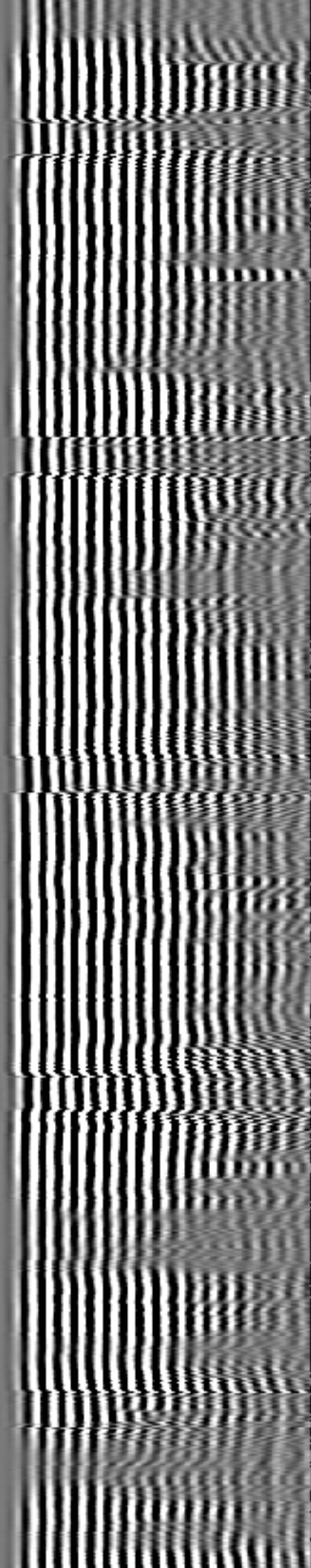
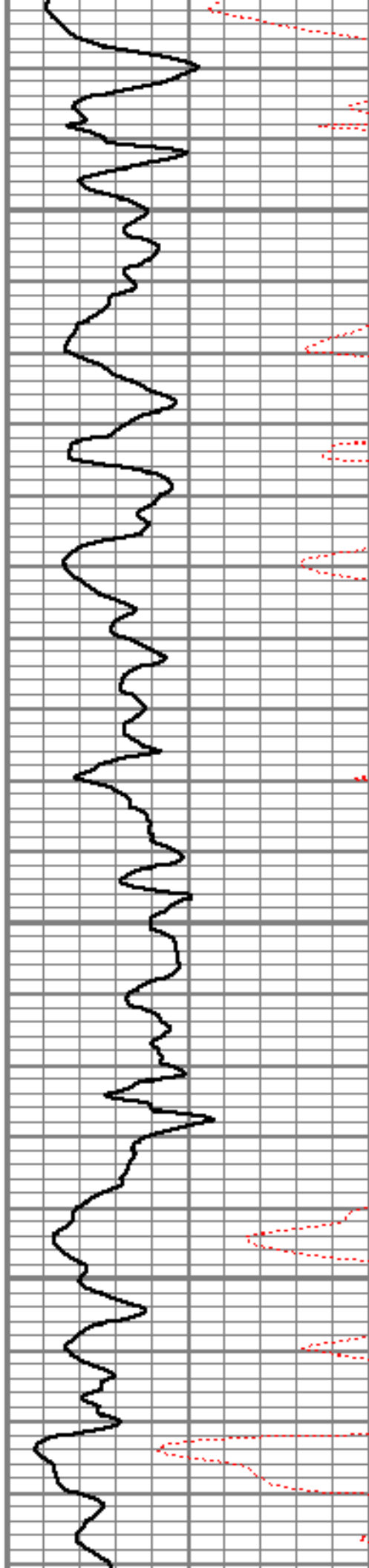


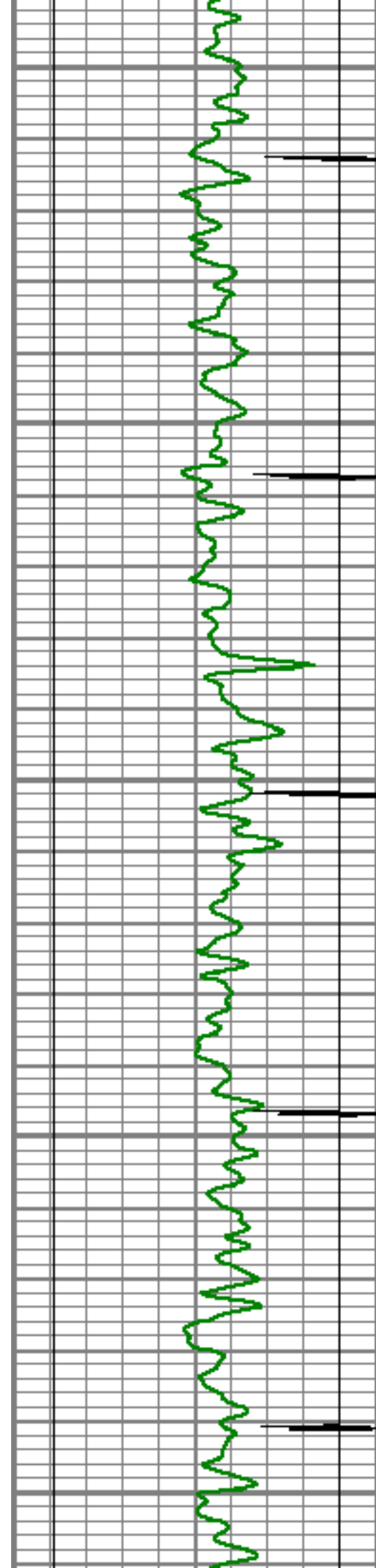
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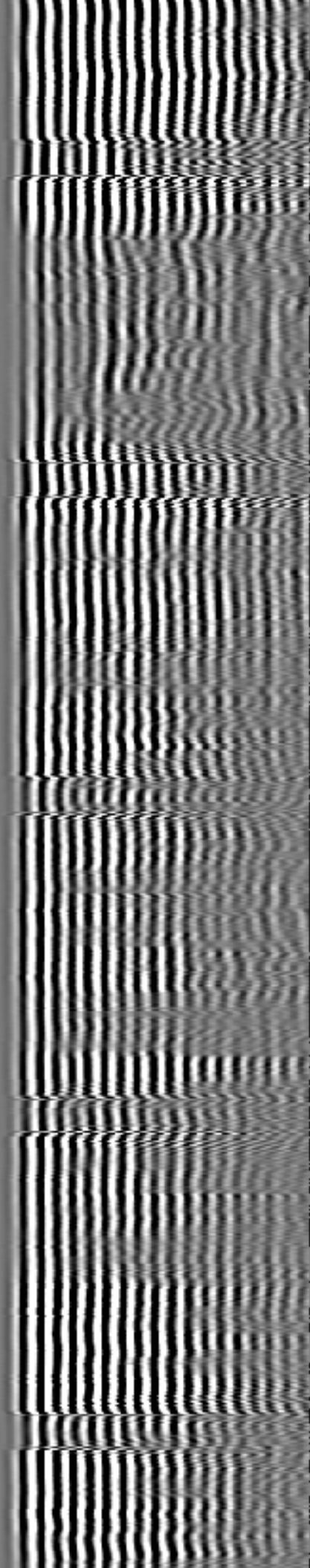
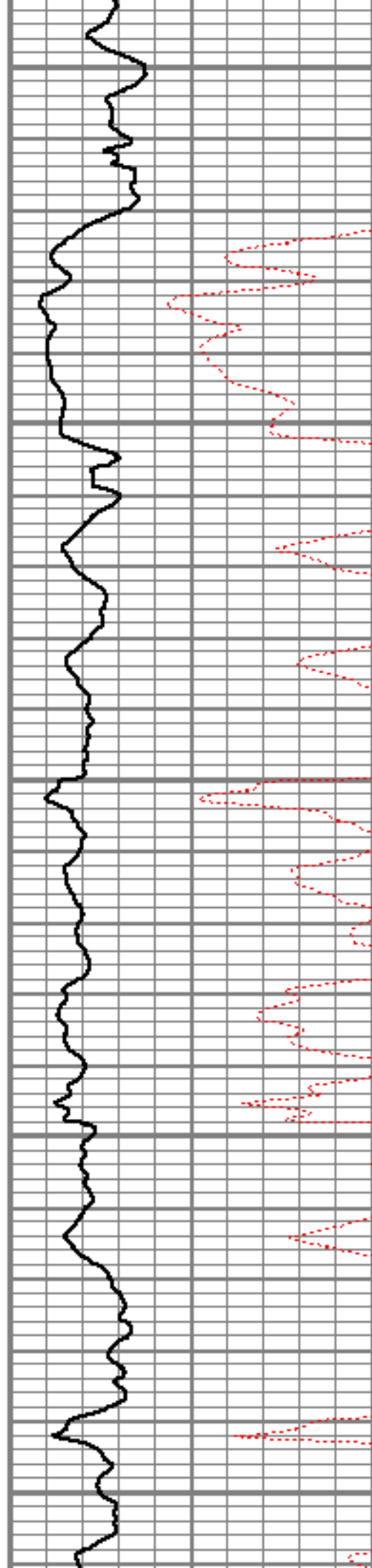
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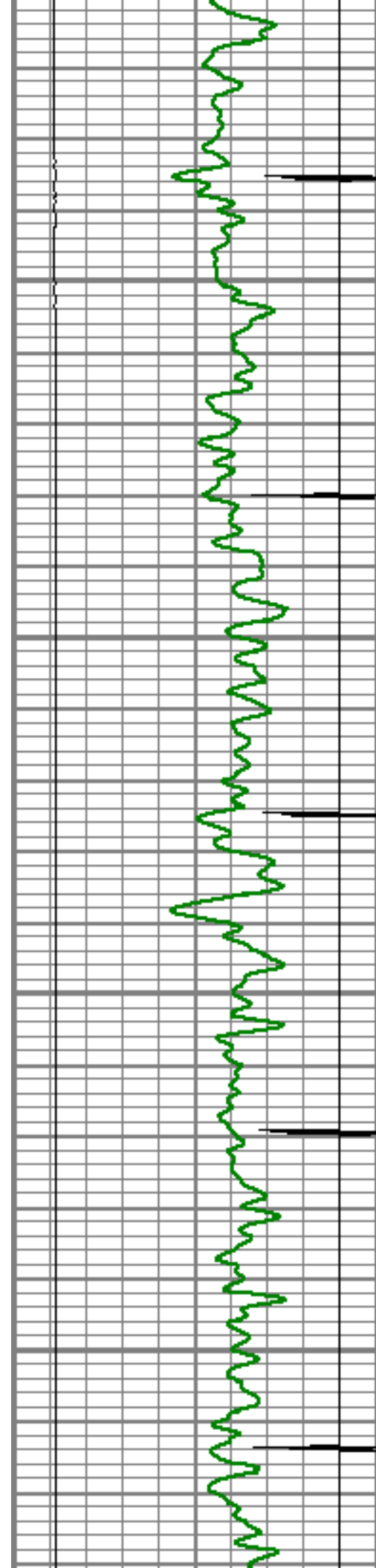
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3150

3200



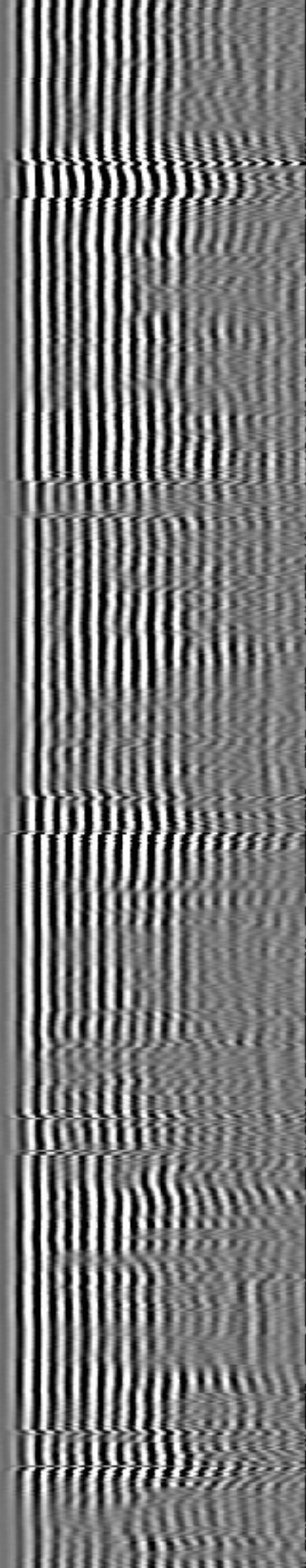
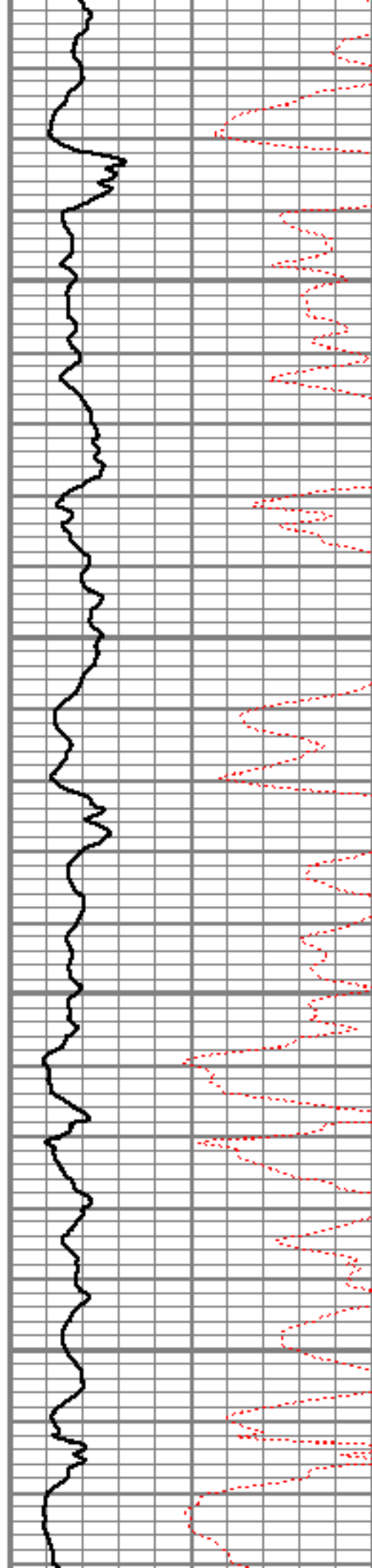


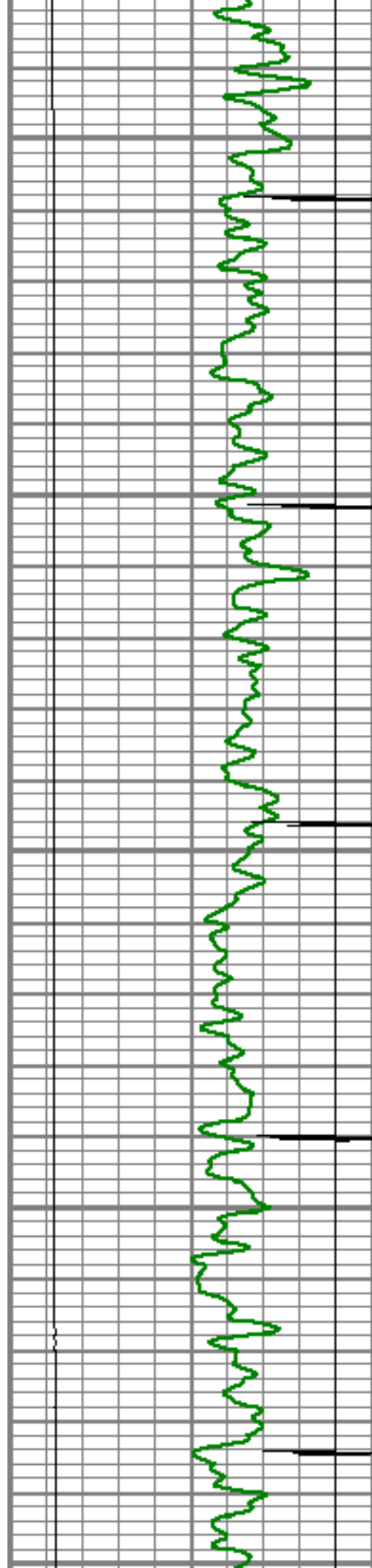
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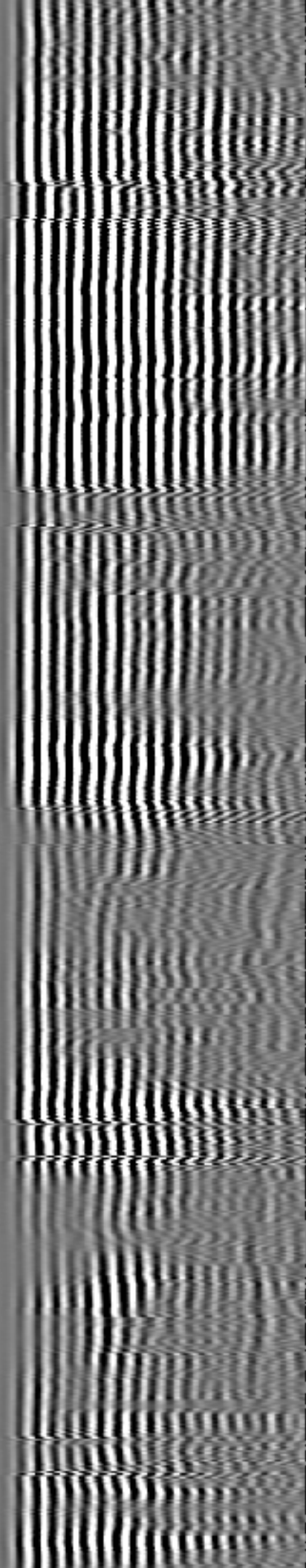
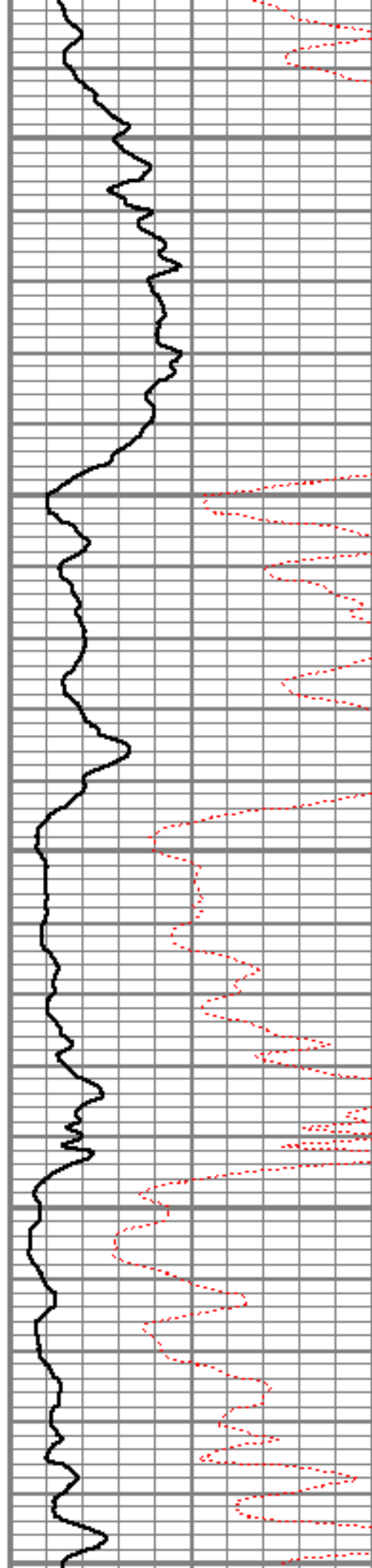
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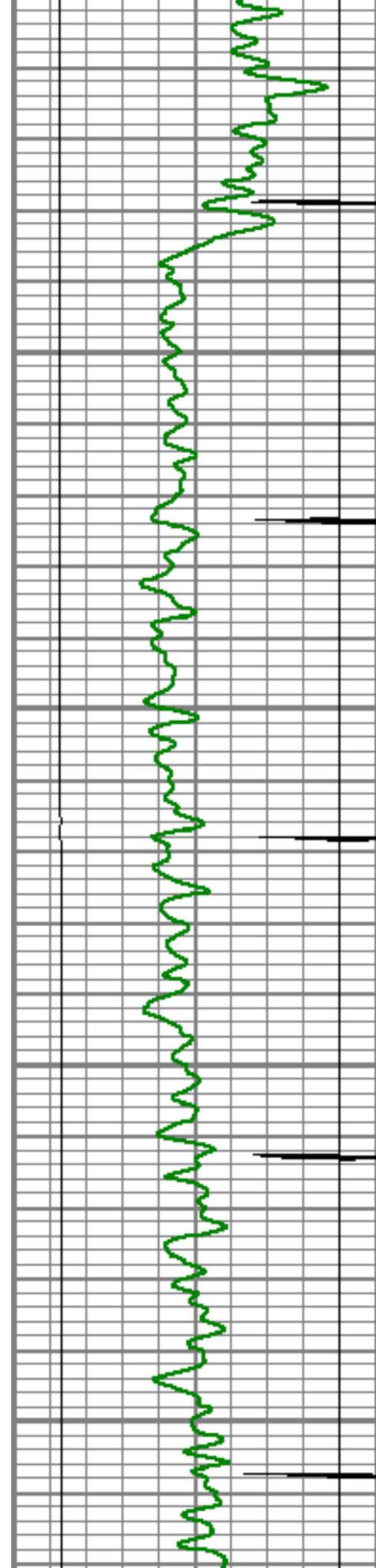
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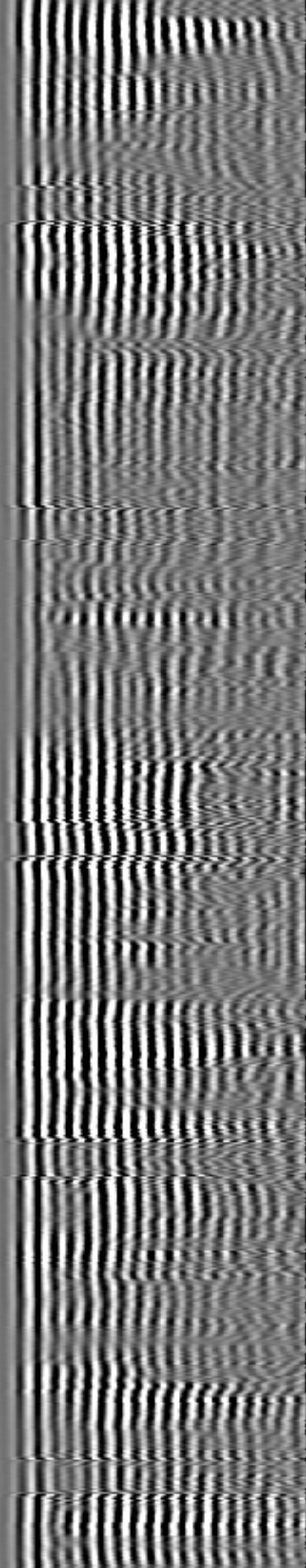
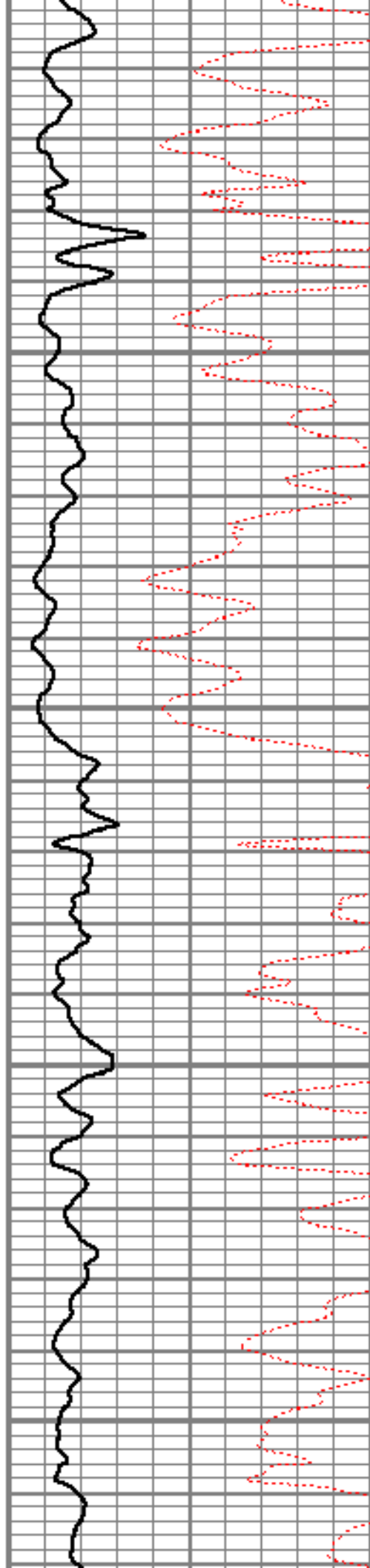


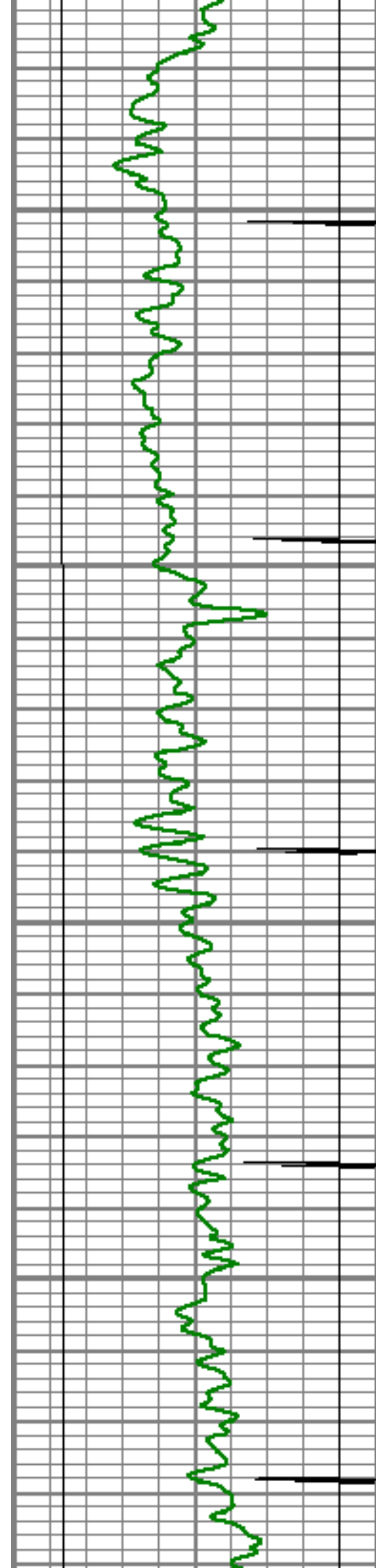
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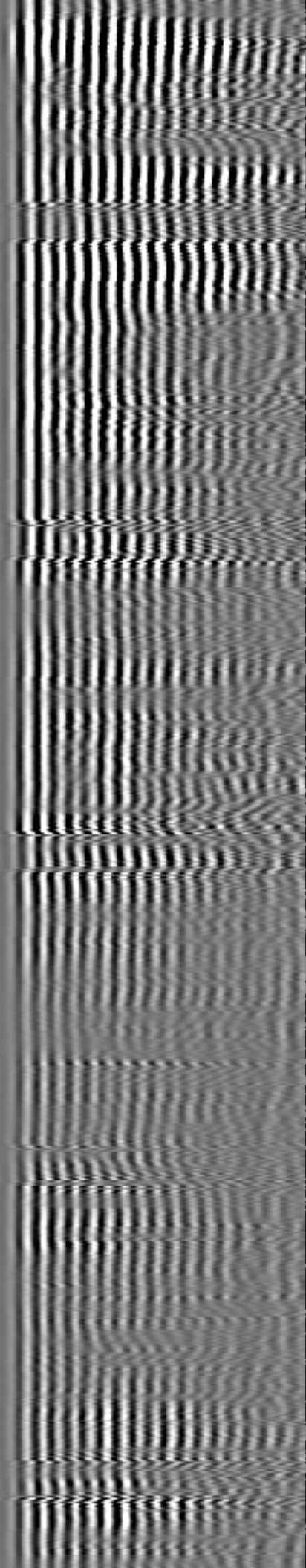
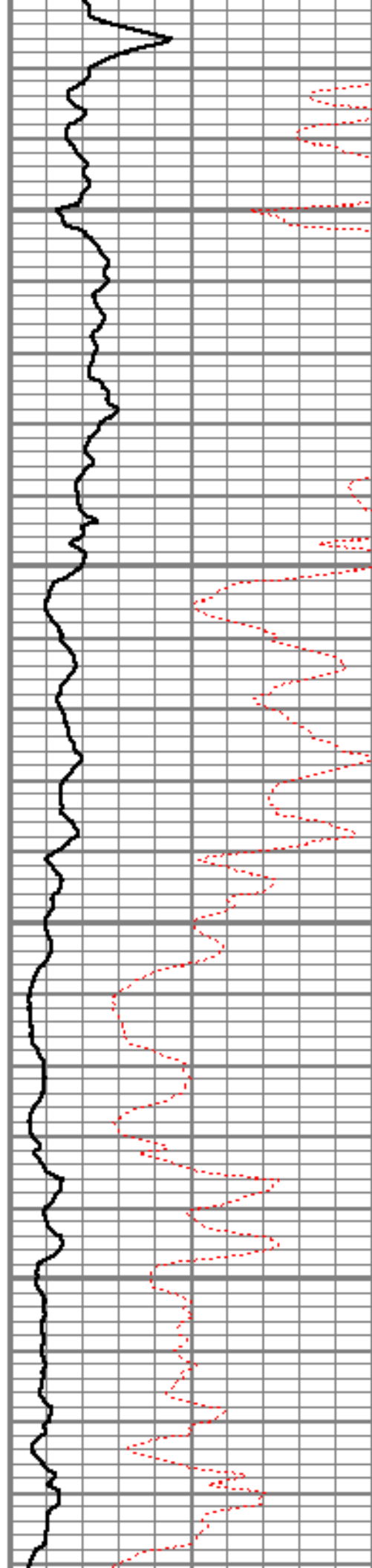


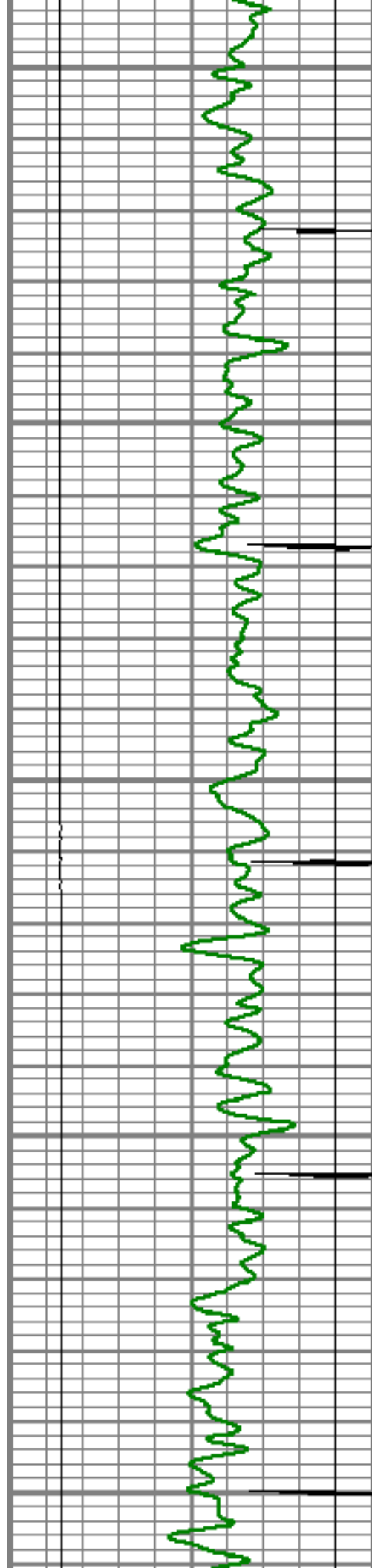
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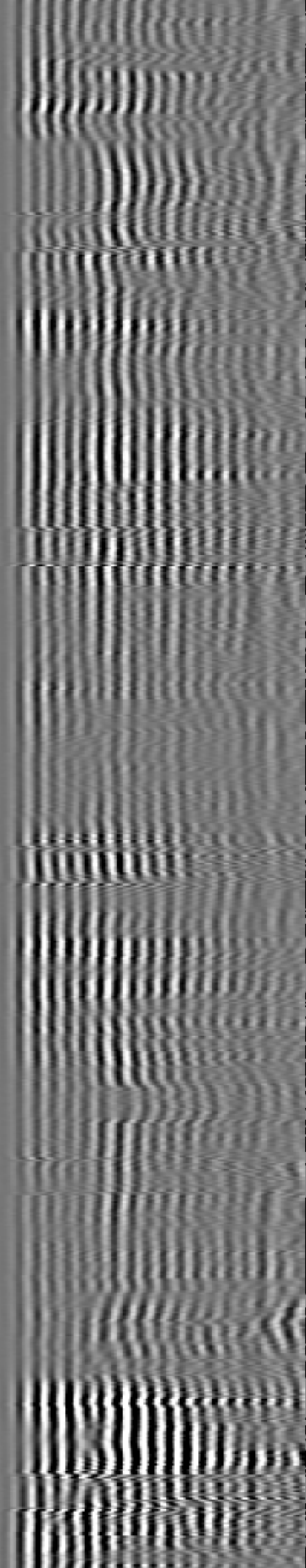
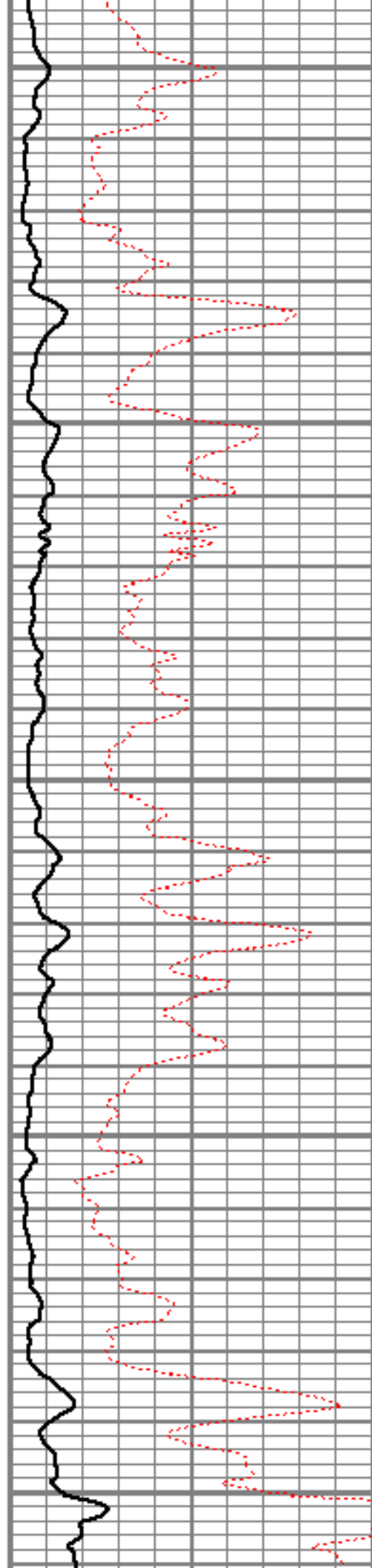
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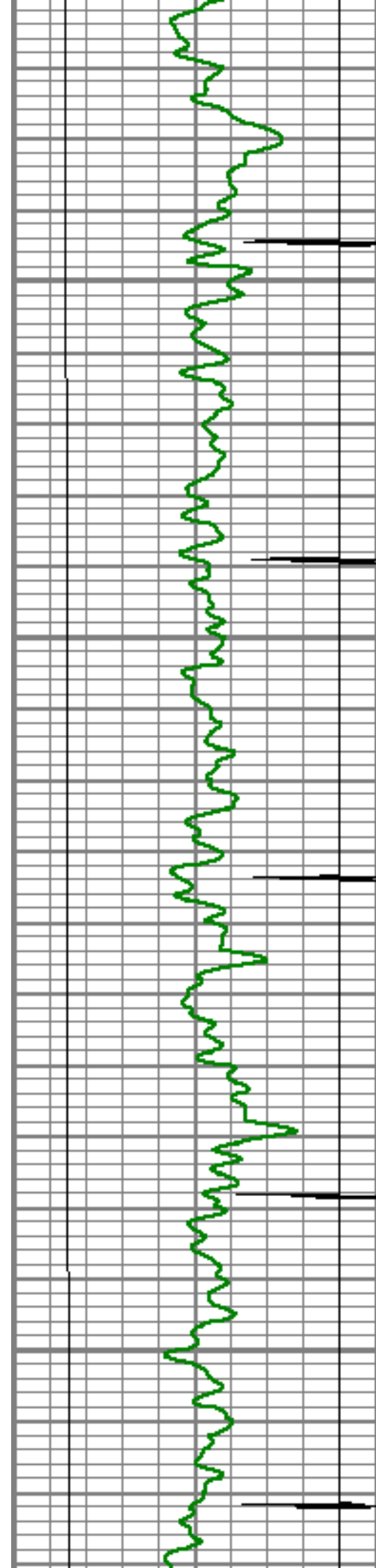
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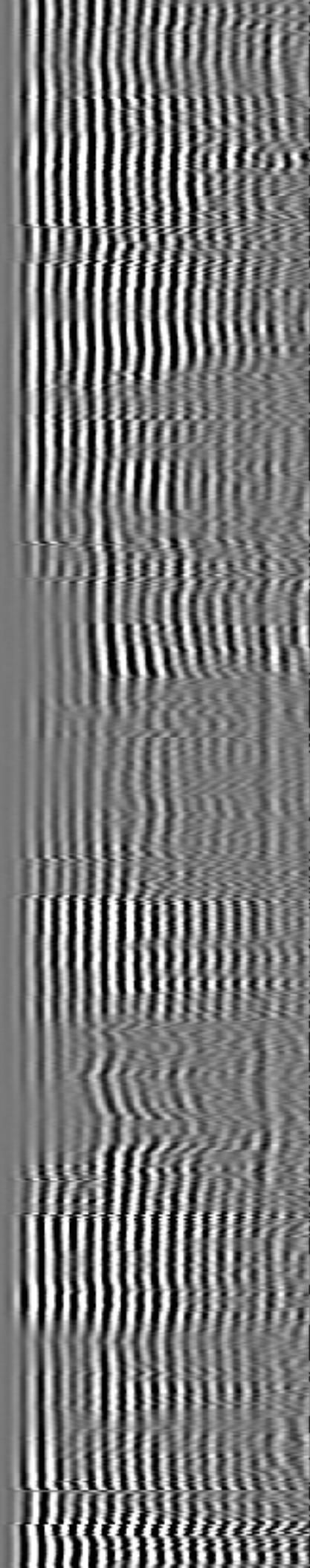
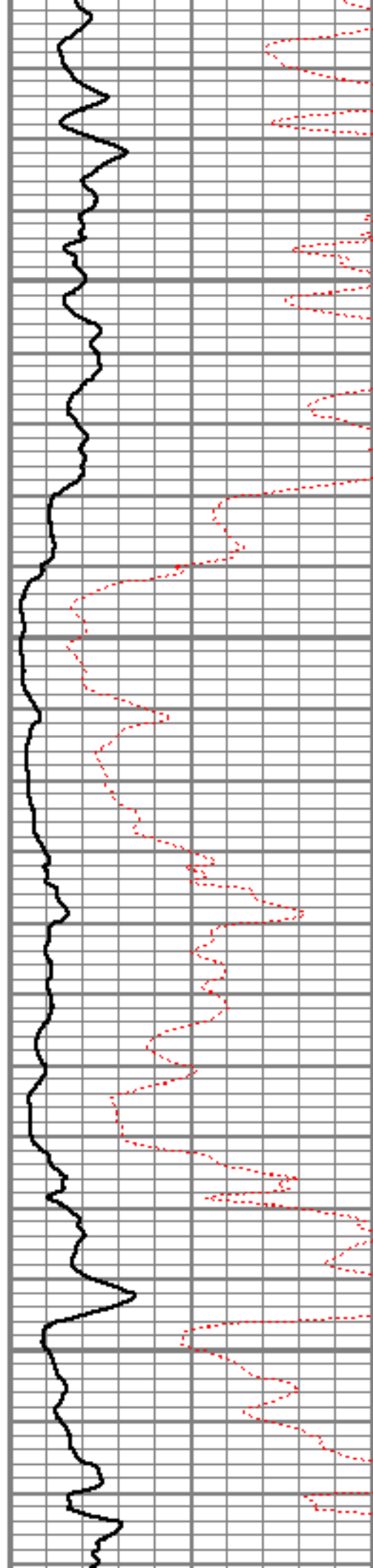


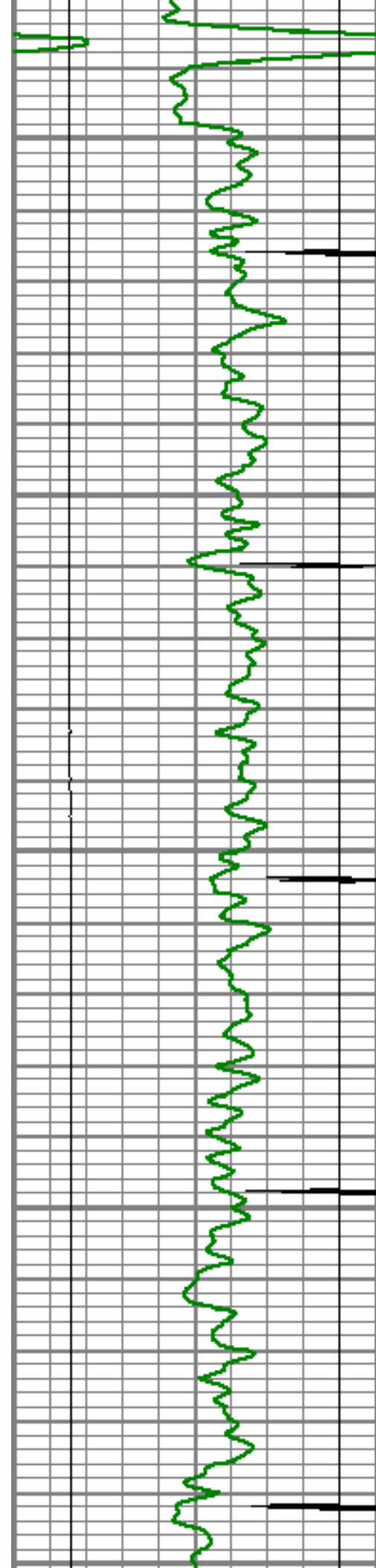
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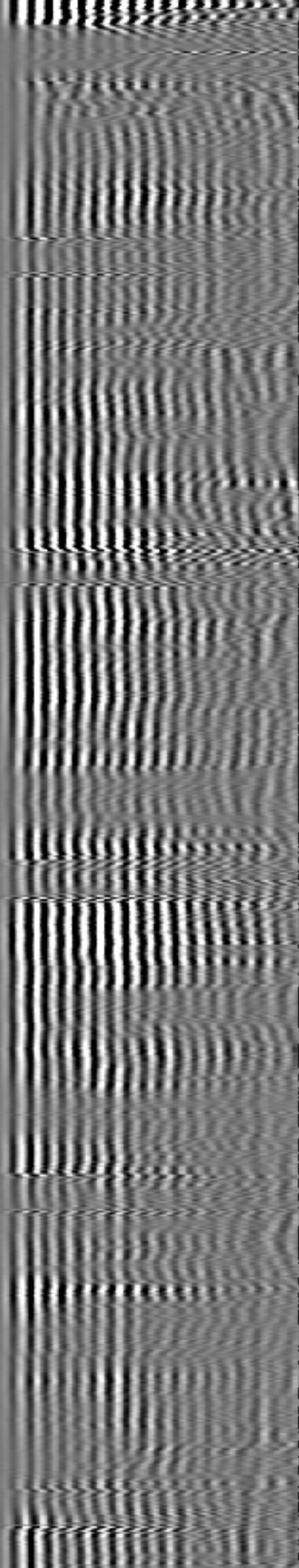
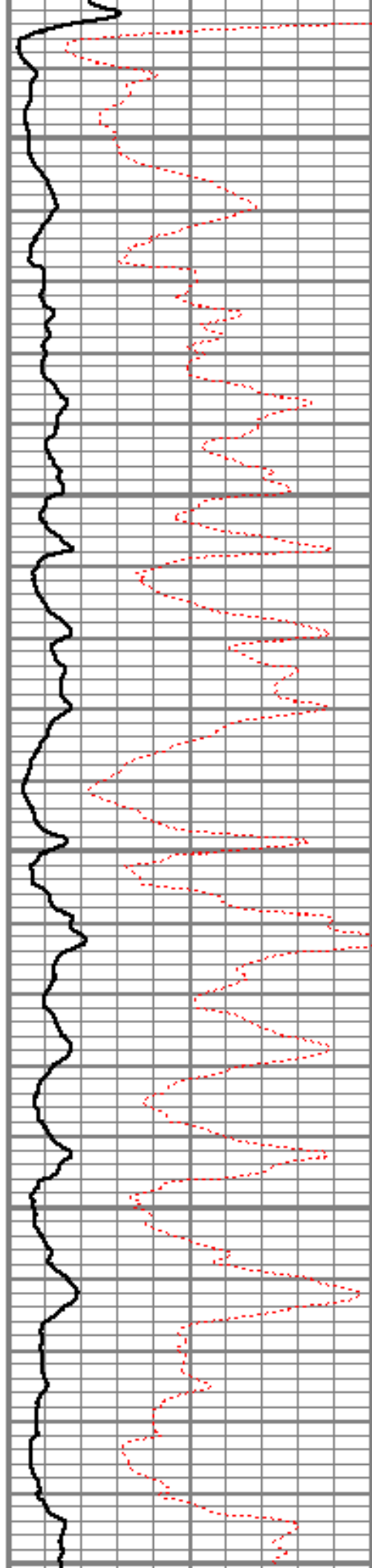
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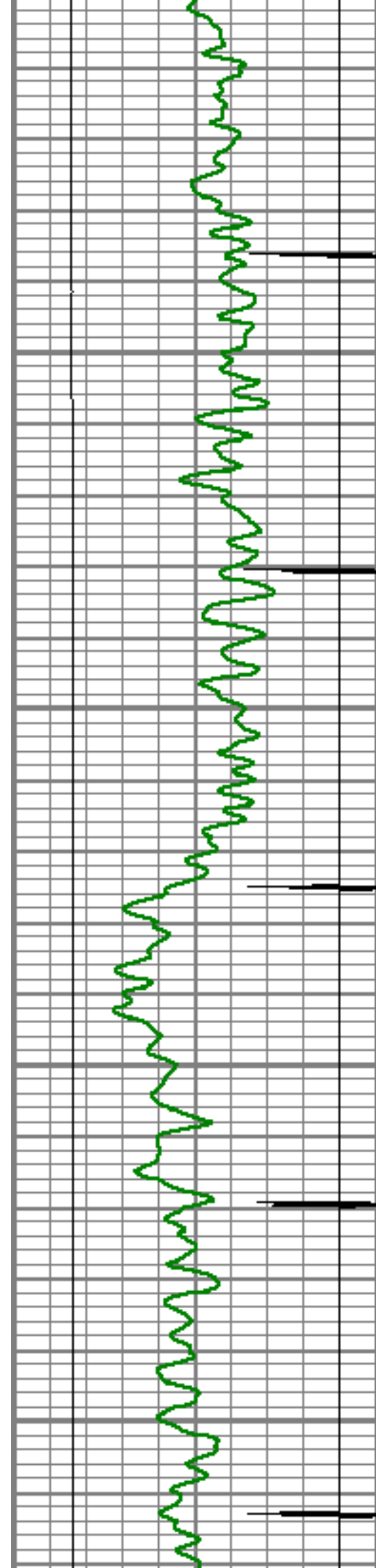
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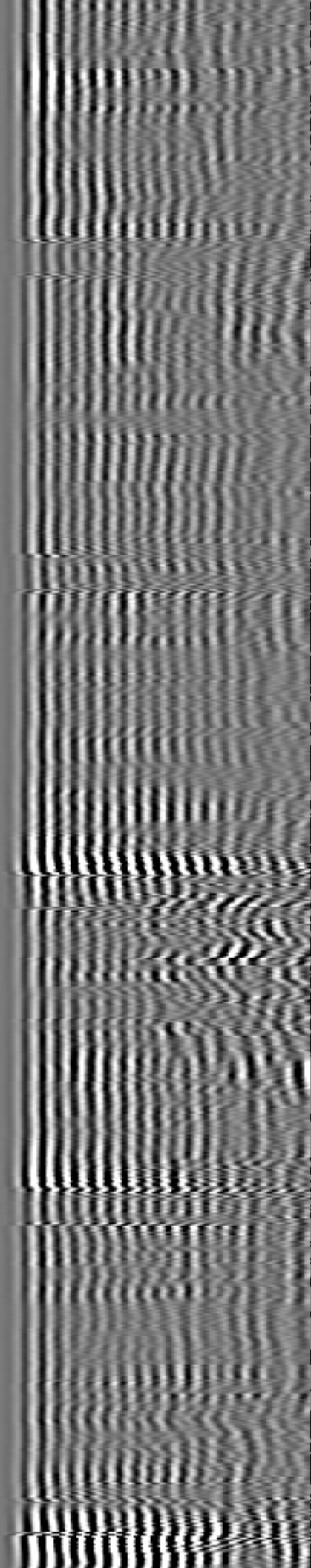
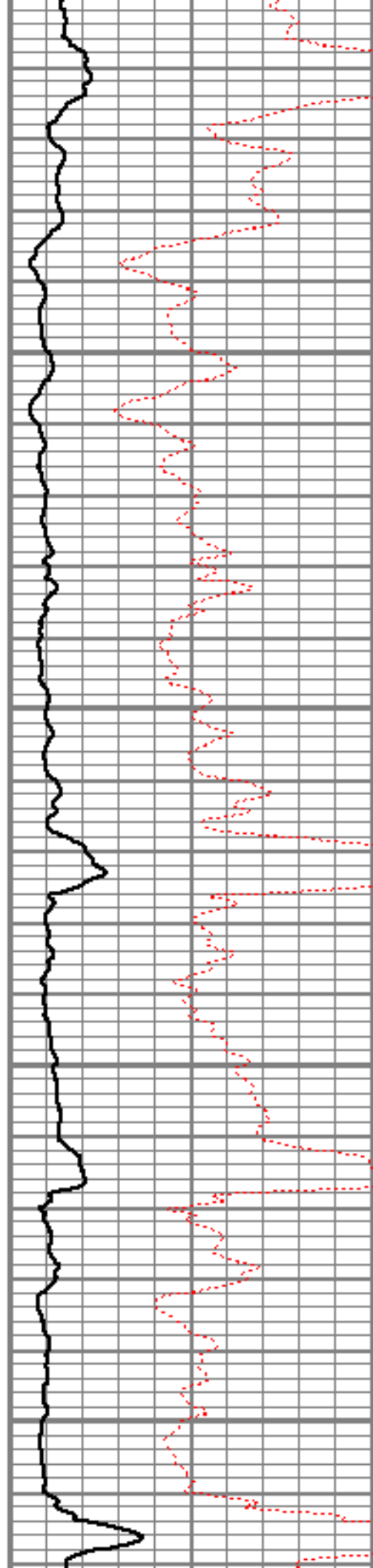


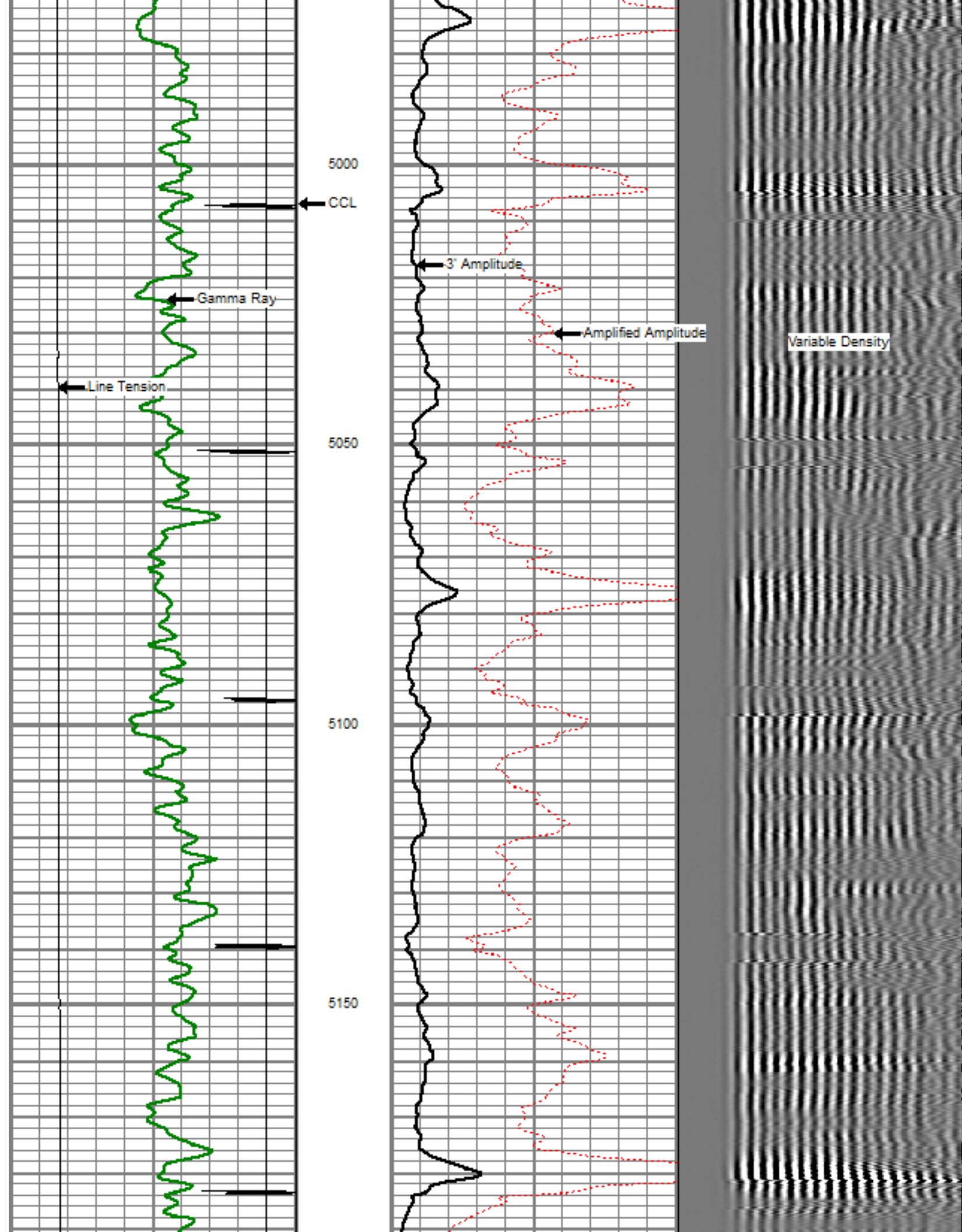
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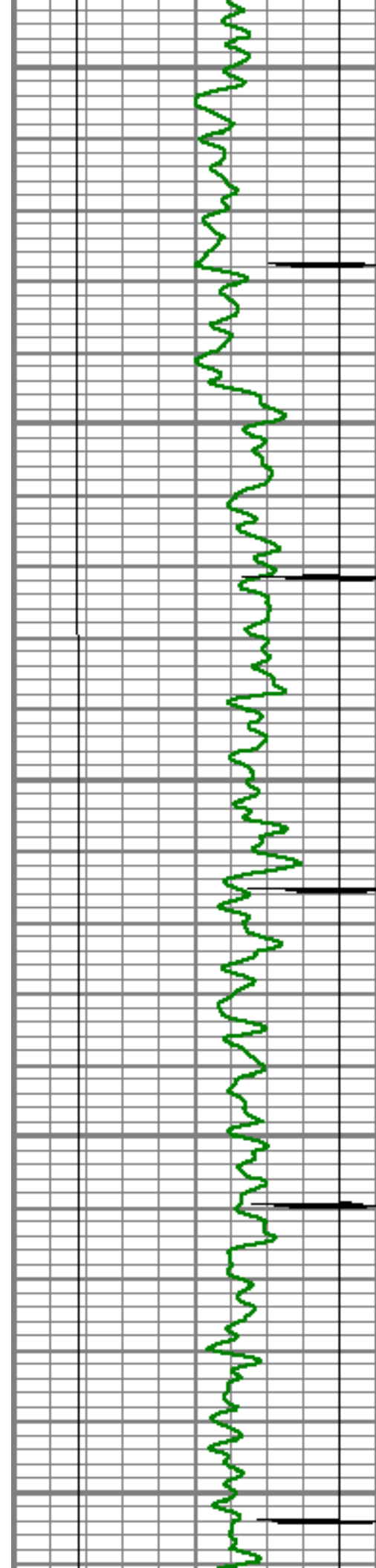
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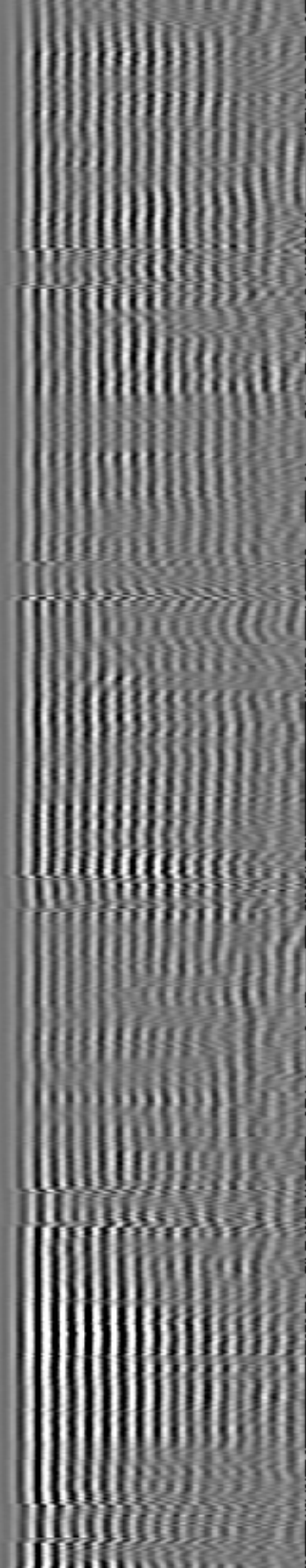
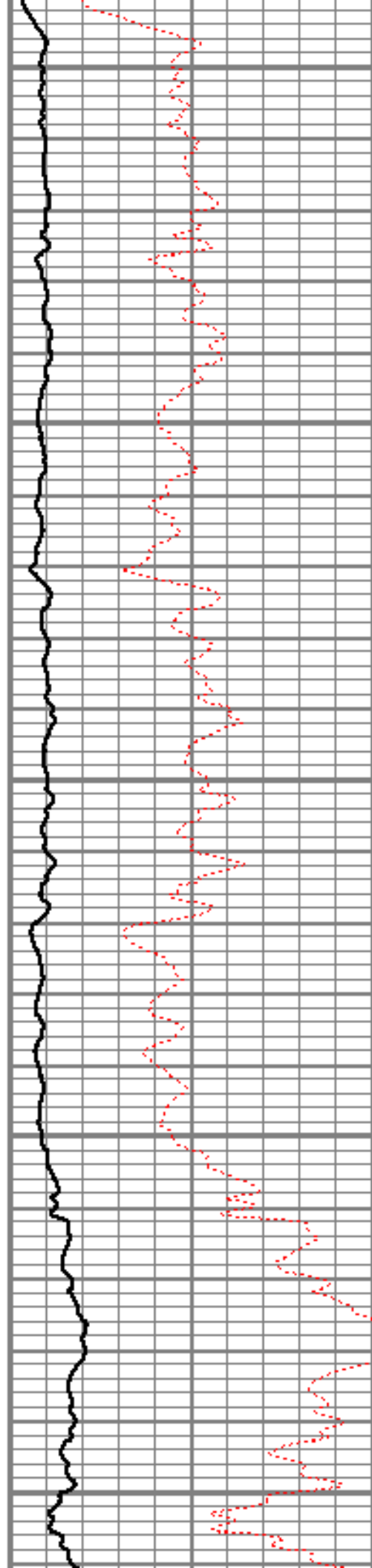
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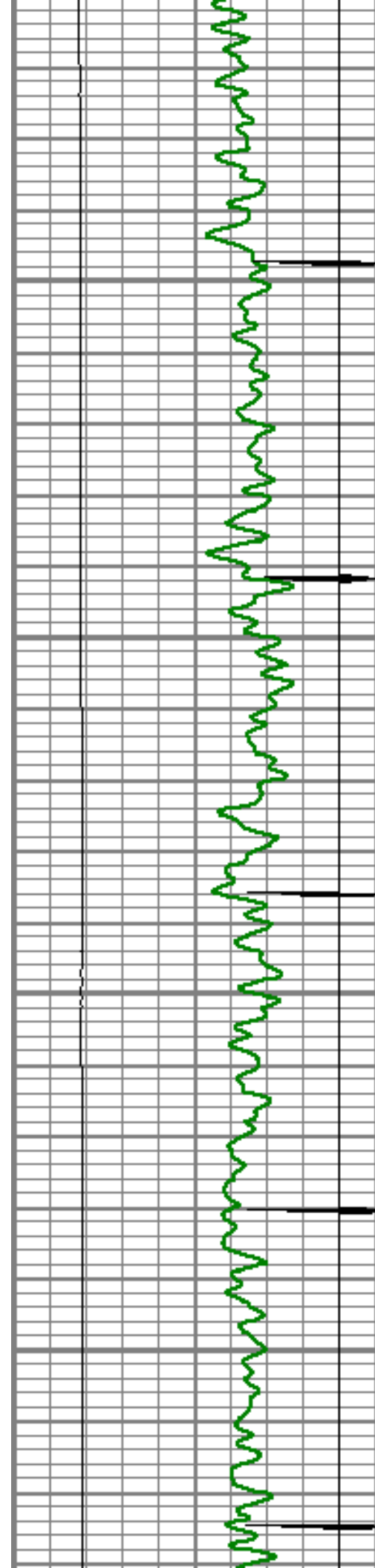
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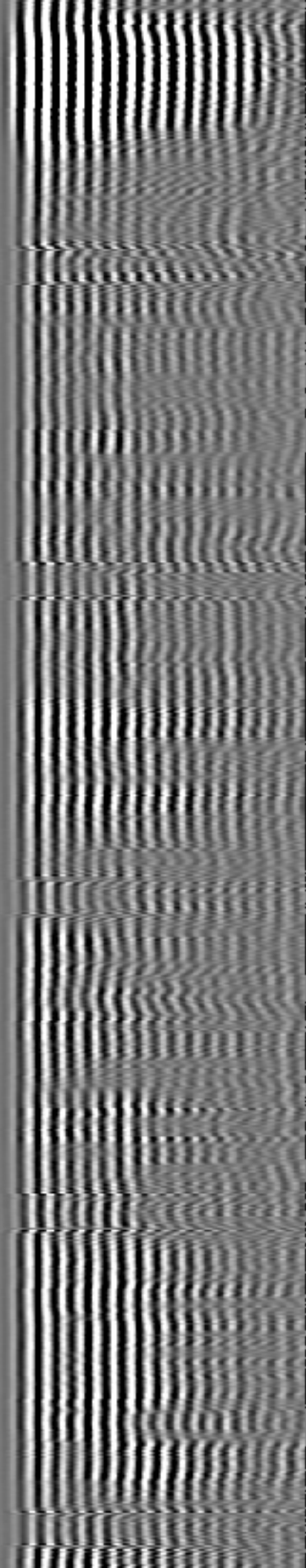
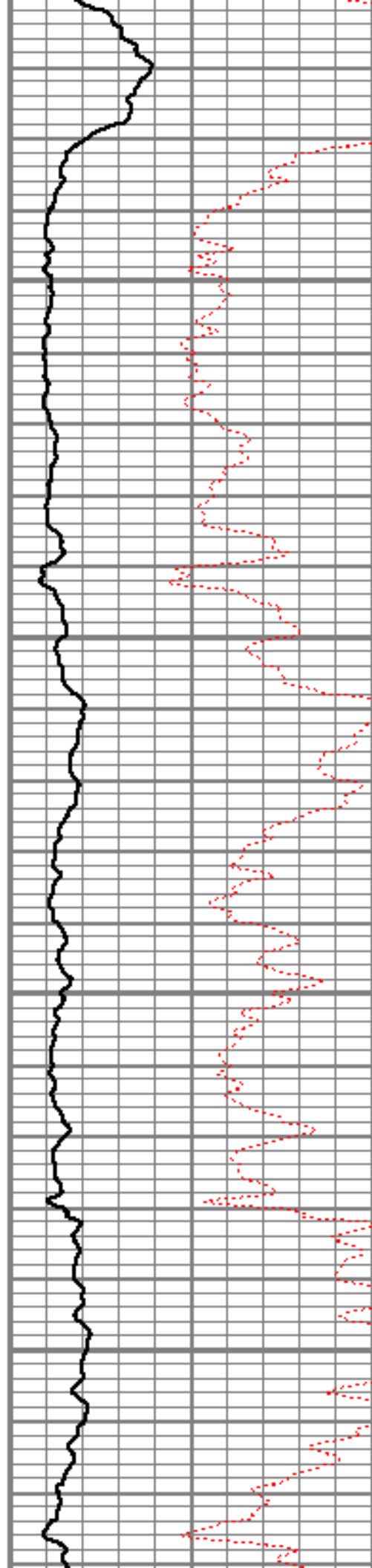


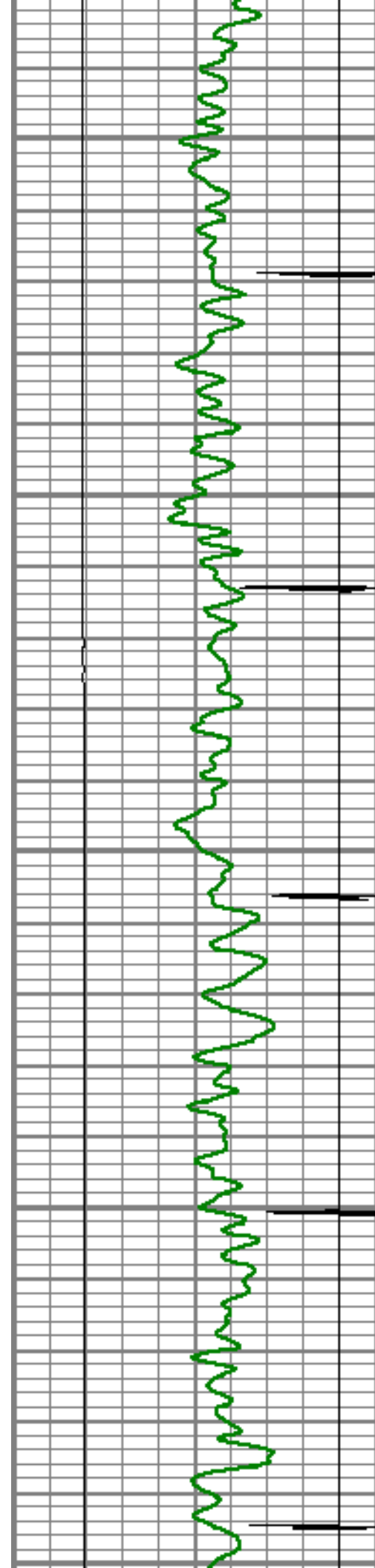
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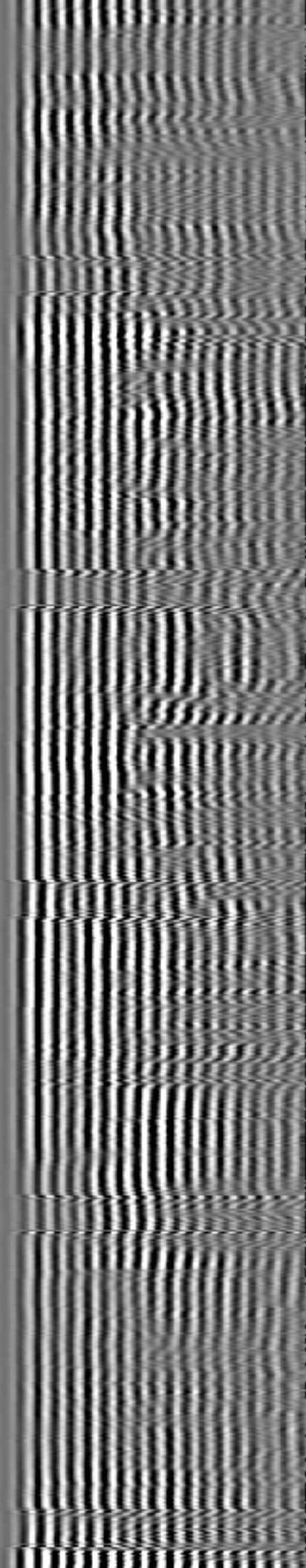
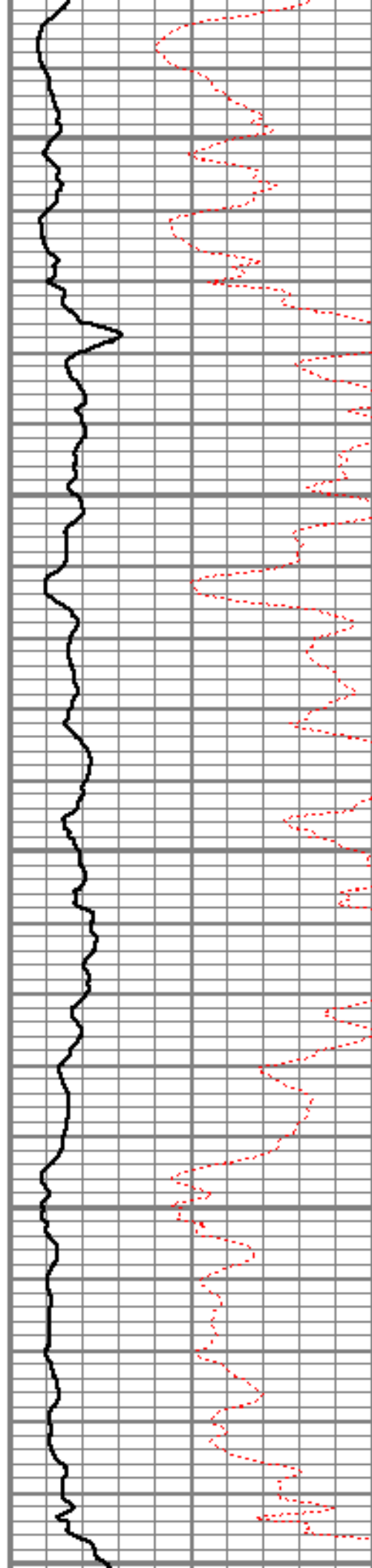
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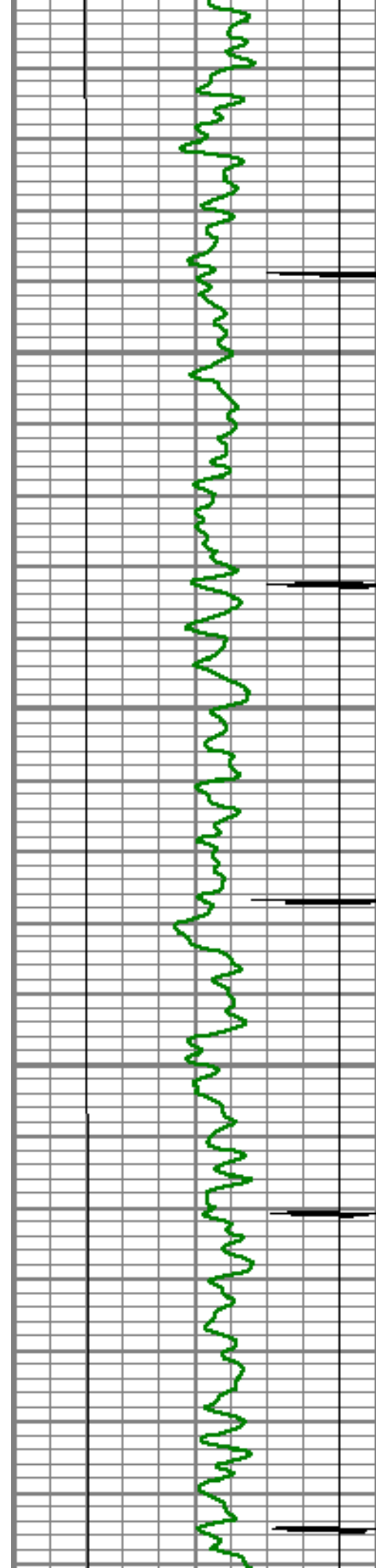
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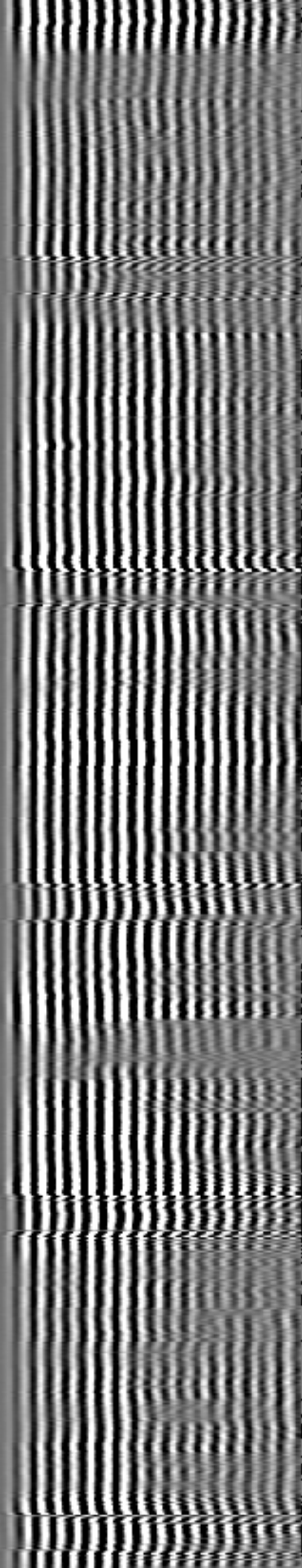
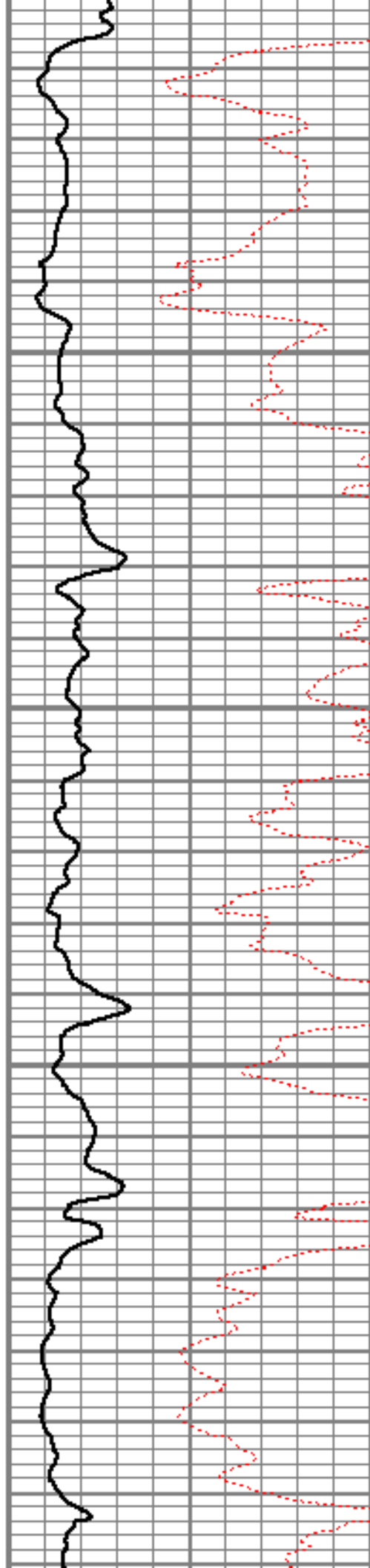


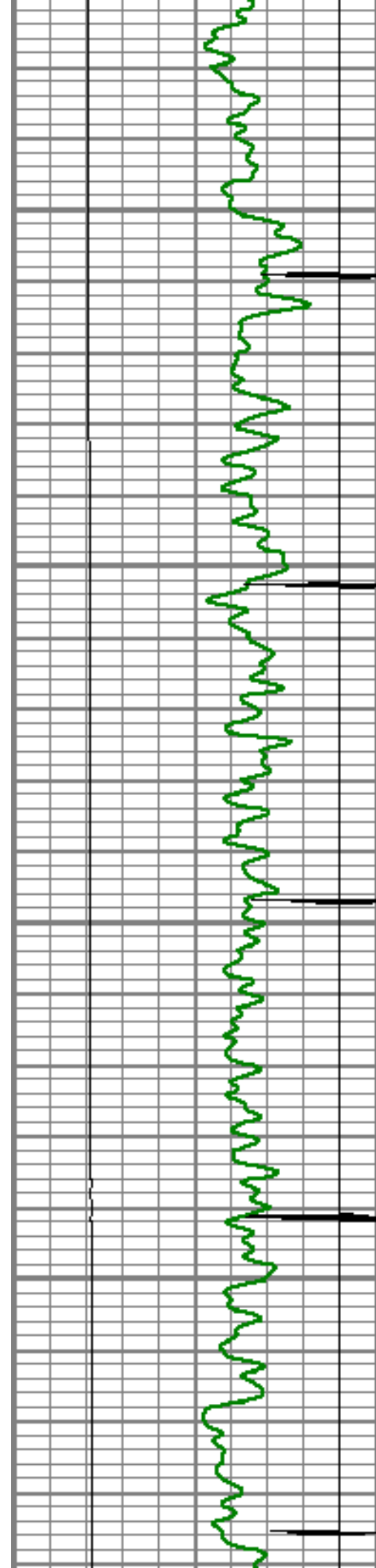
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6000

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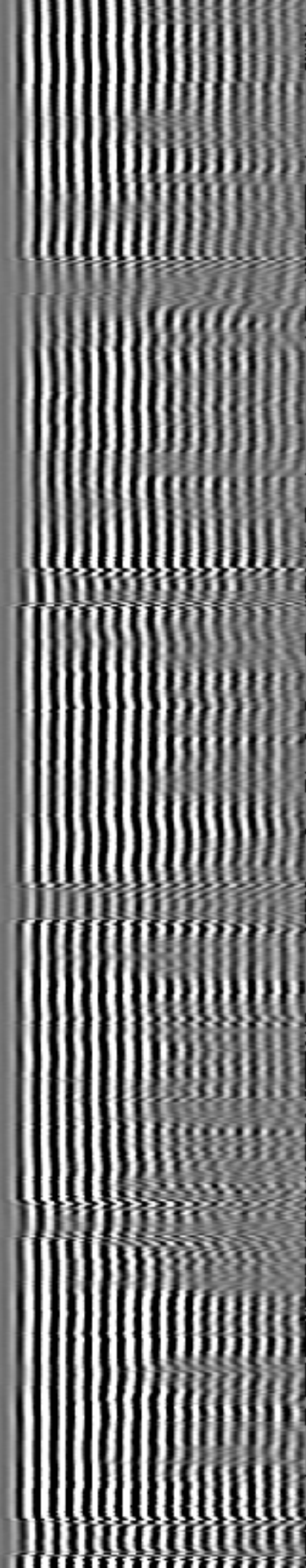
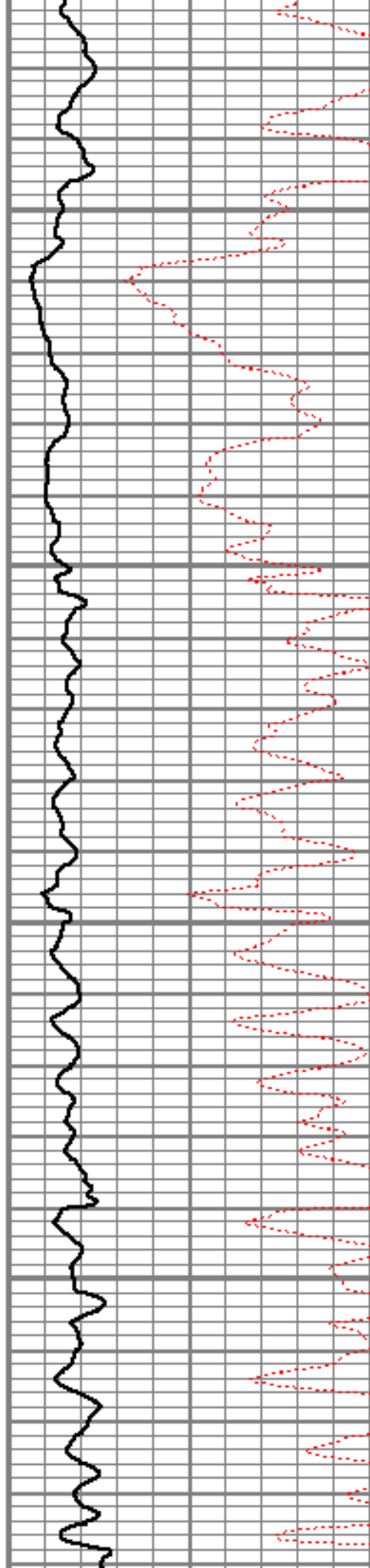


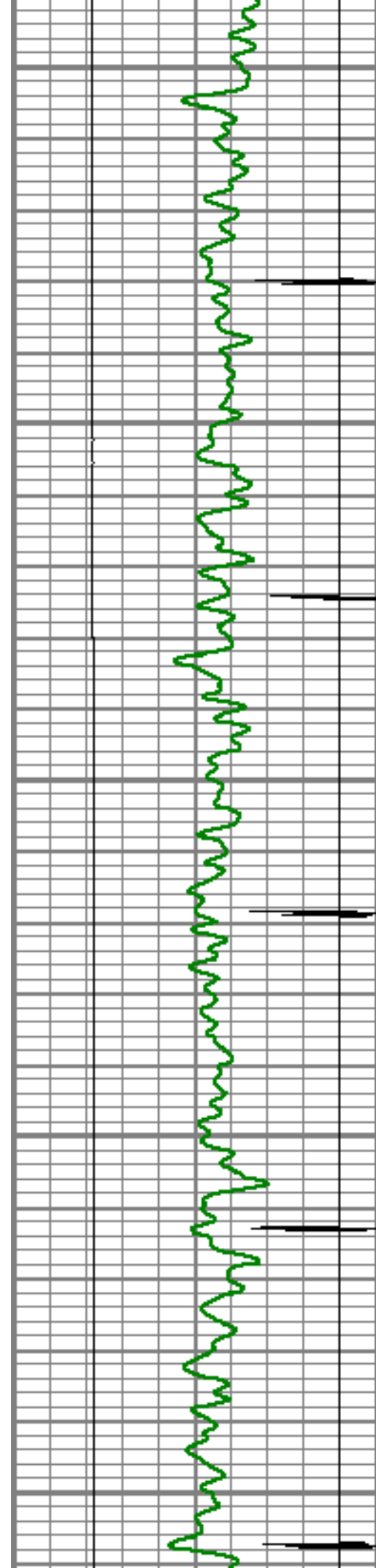
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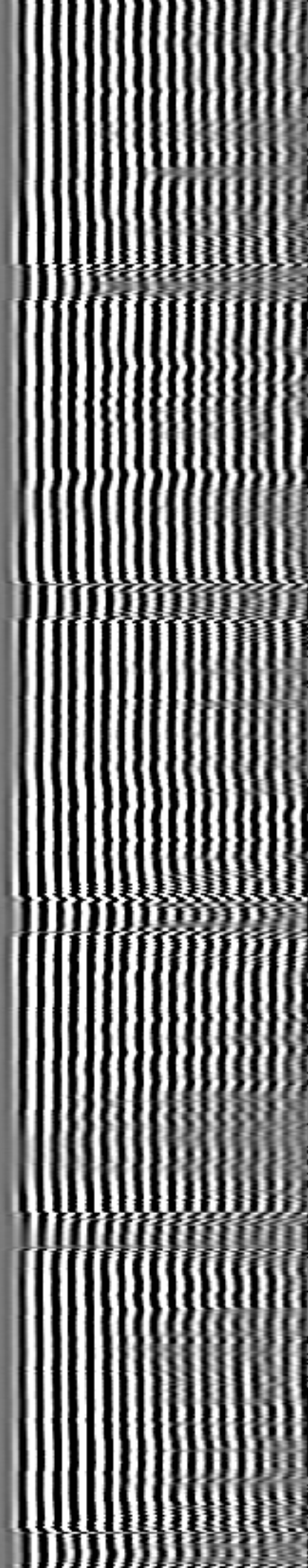
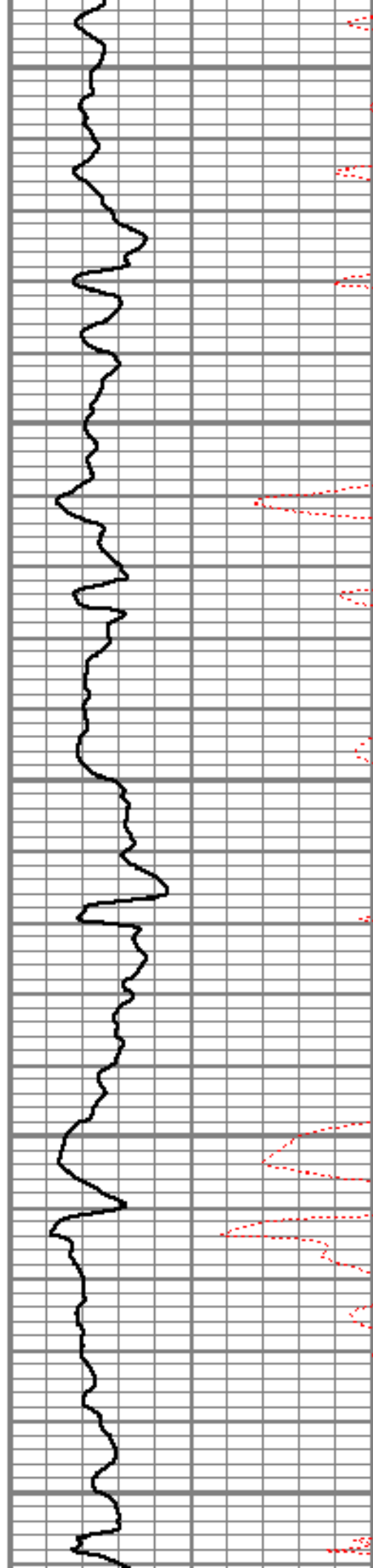
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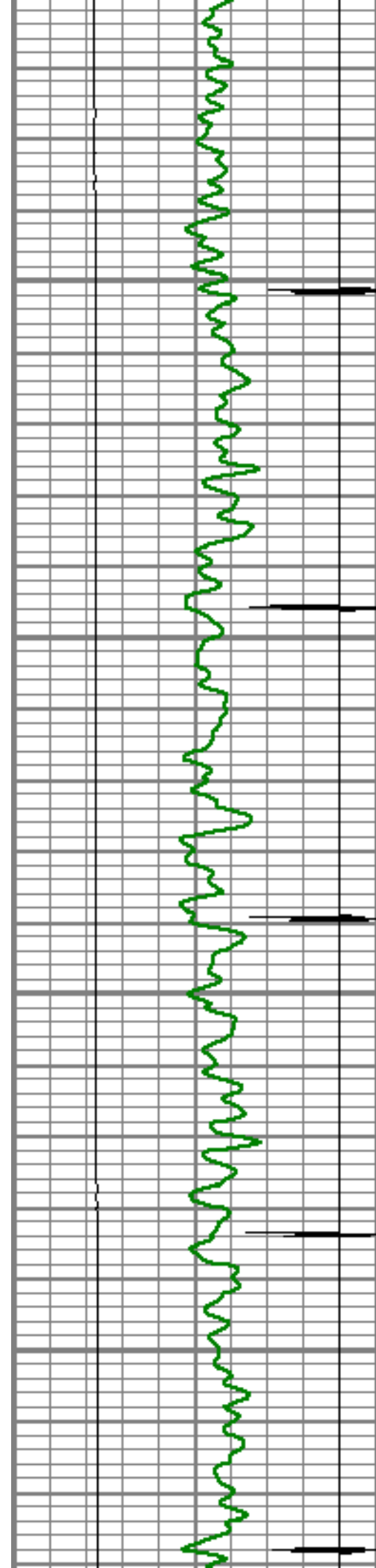
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6450

6500



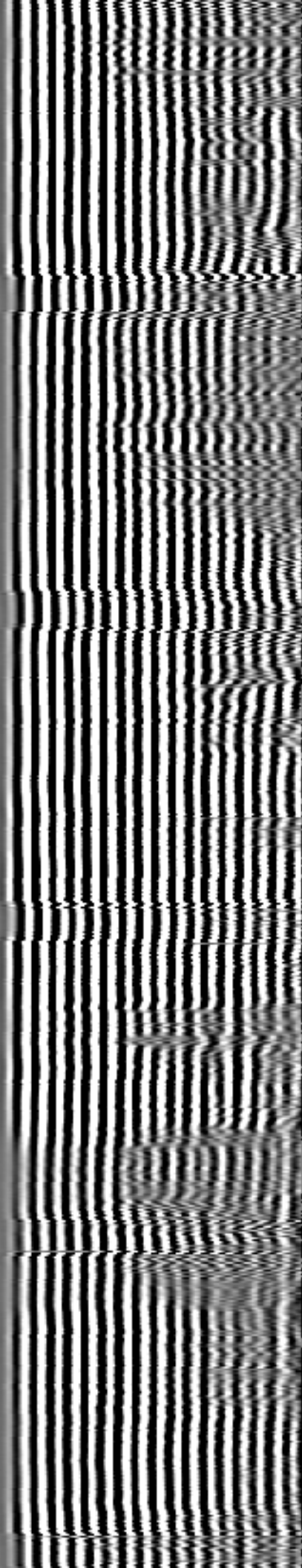
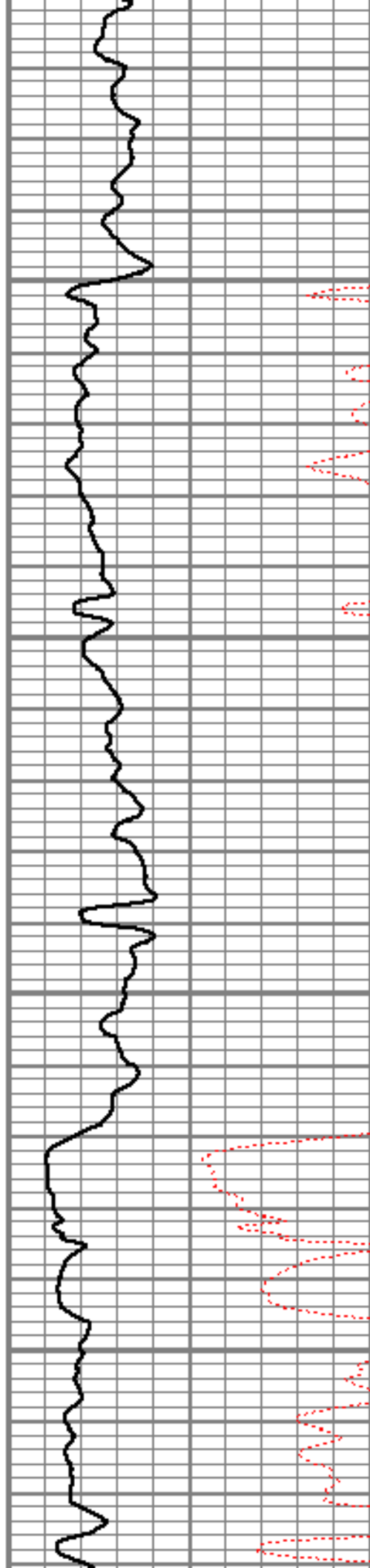


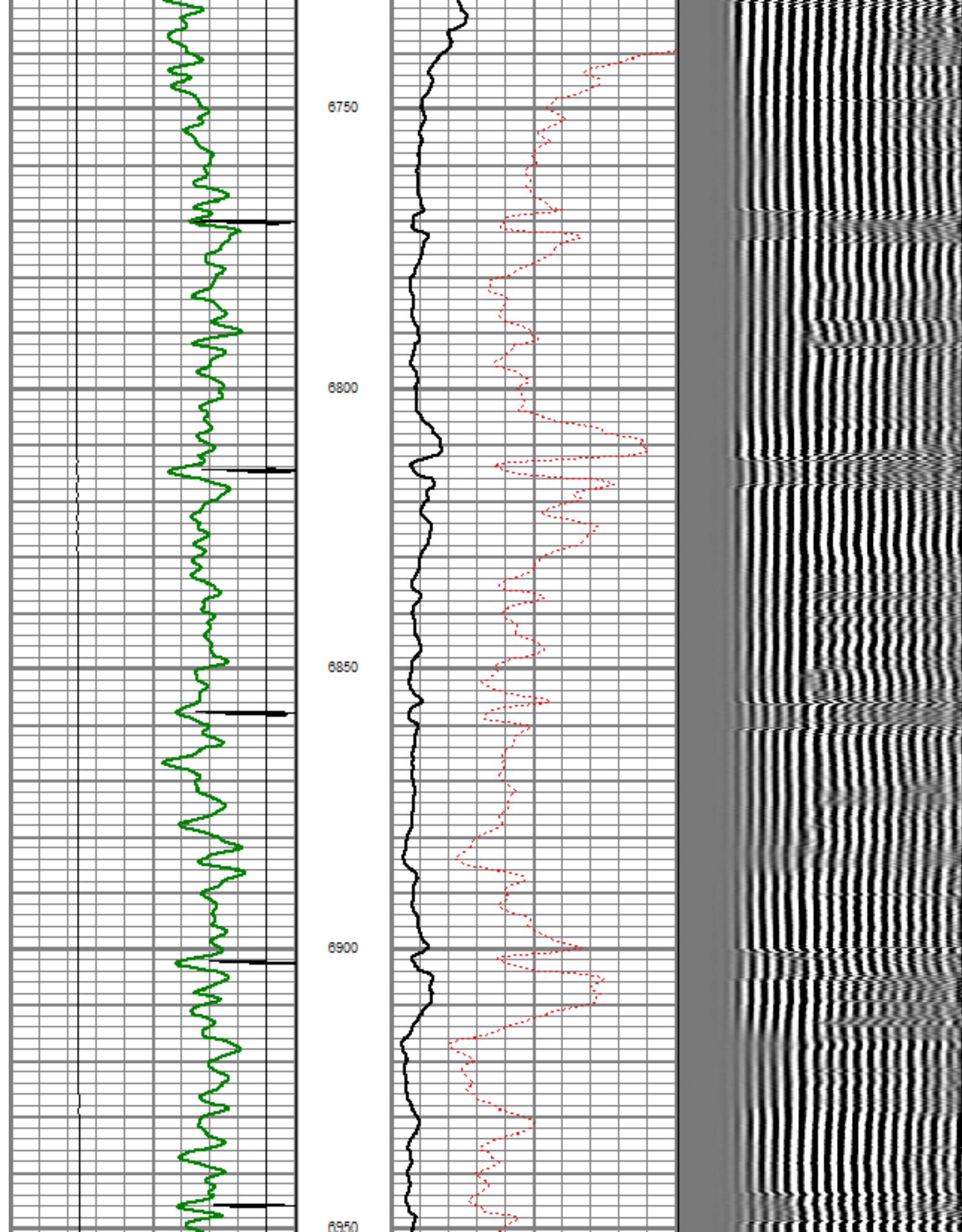
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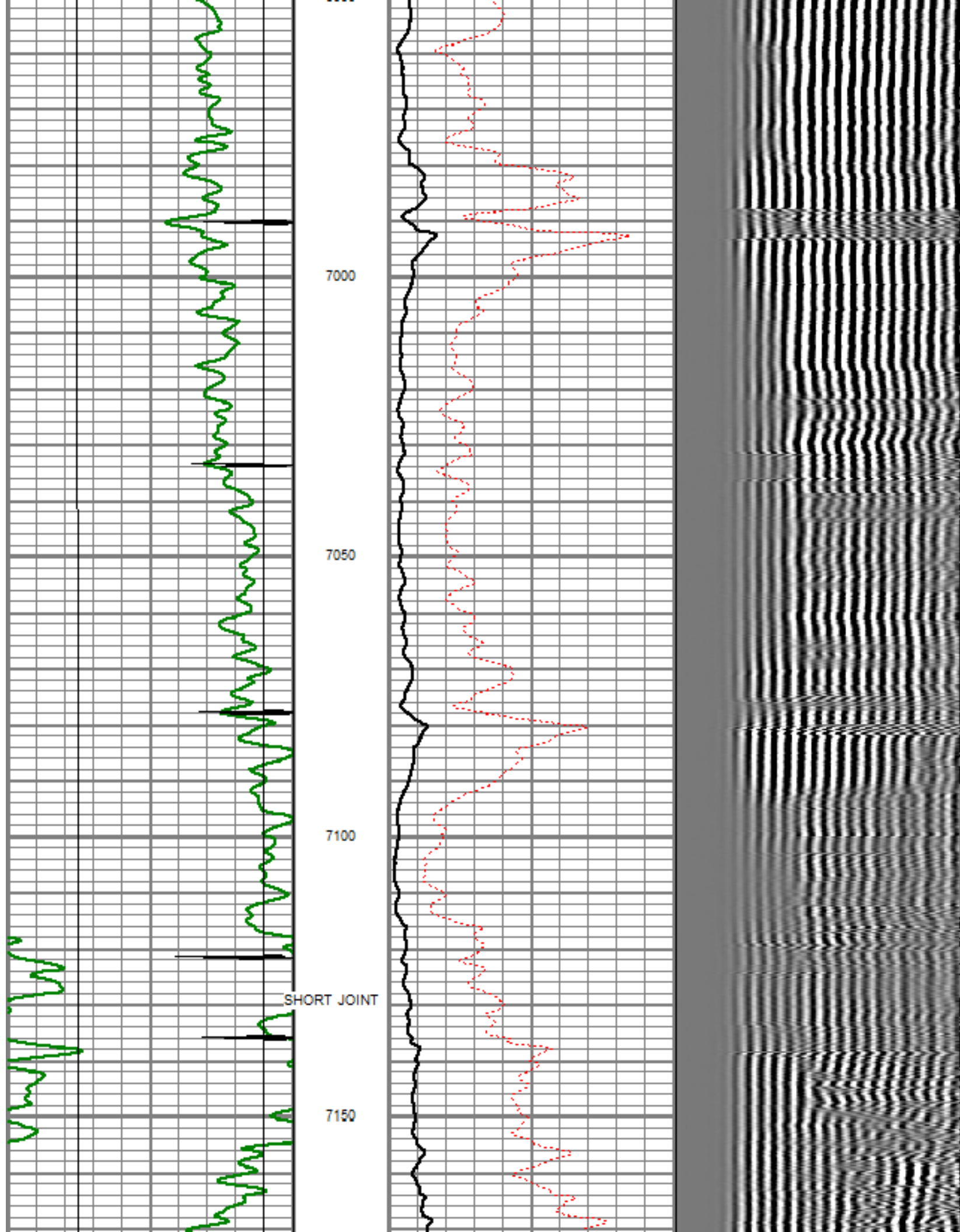
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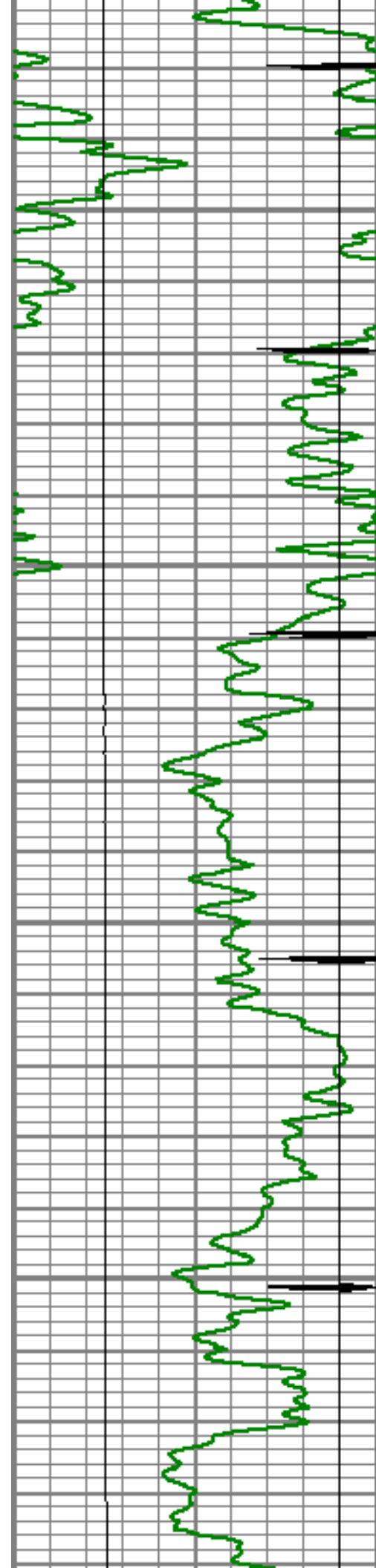
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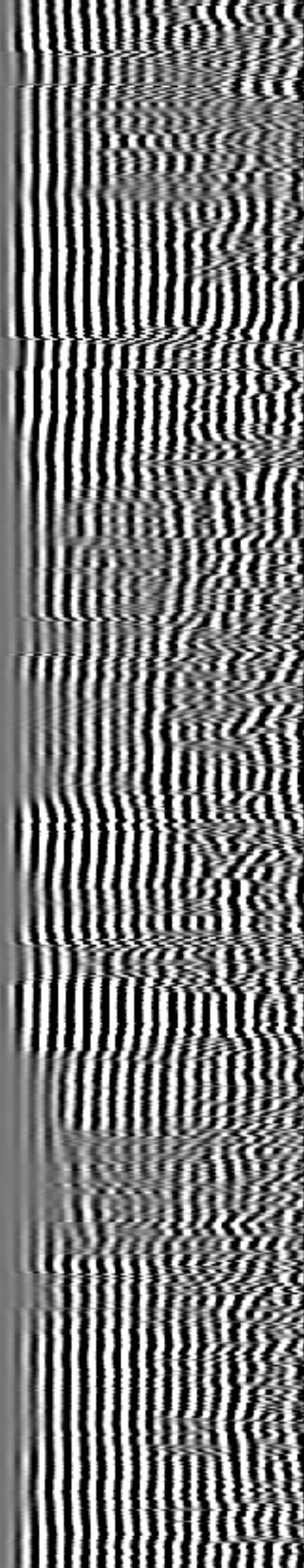
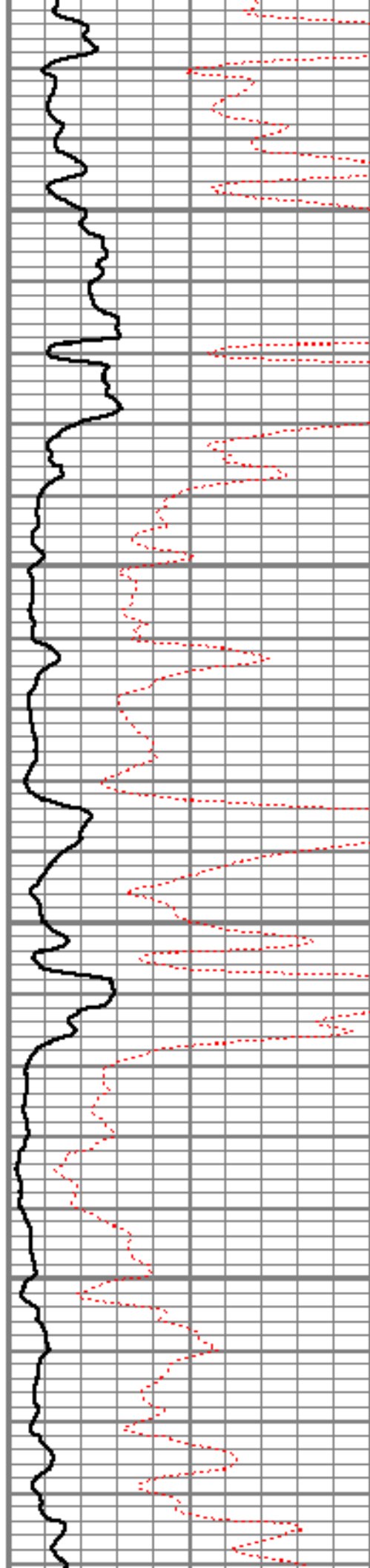


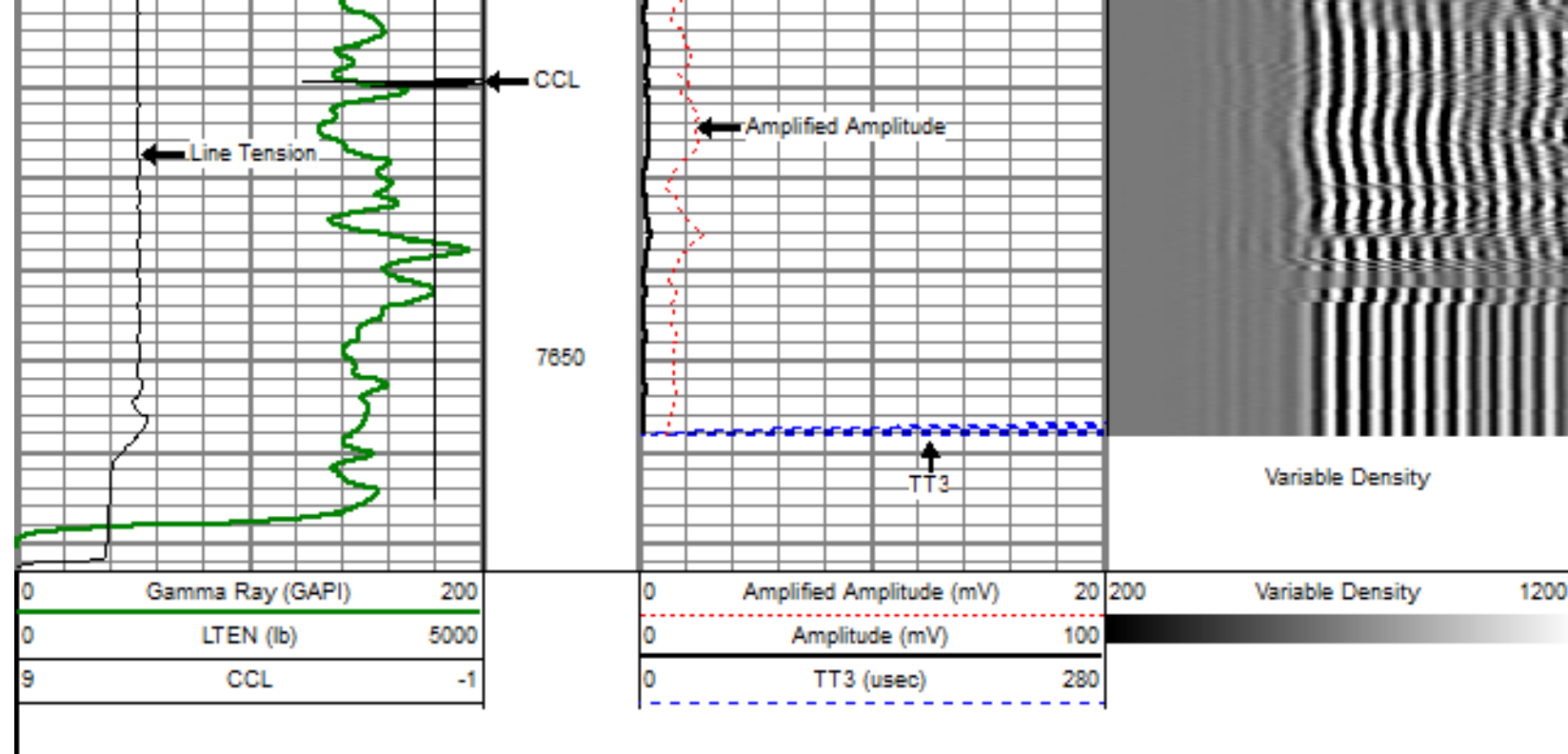
7200

7250


7300

7350





| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|-----------|---|----------|---------|---------|
| | | | titan Titan Cable Head Go Pin. | 1.02 | 1.44 | 1.50 |
| | | | Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer | 2.88 | 2.75 | 10.00 |
| WVF3 | 14.54 | | CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.77 1) Probe 2.75" Dual Receiver Bond | | 2.75 | 60.00 |
| WVF5 | 13.54 | | | | | |
| | | | Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer | 2.88 | 2.75 | 10.00 |

| | | | | | | |
|---|------|---|---|------|-------|--|
| CCL | 6.50 |  | | | | |
| | | | GR-PROBE_GRCCL (PRB_GRCCL_275_01) 4.54 | 2.75 | 30.00 | |
| GR | 3.77 | | Probe 2.75" 4 Channel Pulse | | | |
| | | | | | | |
| | | | TEMP-Comprobe (TEMP_CMPRB_1375_01) 2.88 | 1.38 | 15.00 | |
| | | | Positive pulse Temp tool | | | |
| TEMP | 0.17 | | | | | |
| Dataset: schlotthauer 14-23.db: field/well/run1/pass4OH | | | | | | |
| Total Length: 22.96 ft | | | | | | |
| Total Weight: 126.50 lb | | | | | | |
| O.D. 2.75 in | | | | | | |



Company BAYSWATER EXPLORATION & PROD. LLC
 Well SCHLOTTHAUER 14-23
 Field WATTENBERG
 County WELD
 State COLORADO