



**COMPENSATED DENSITY
SIDEWALL NEUTRON LOG**

| | | | |
|---|-------------------|-----------------------|-------------------|
| Company | COLT ENERGY, INC. | Company | COLT ENERGY, INC. |
| Well | BAKER # BD-2 | Well | BAKER # BD-2 |
| Field | | Field | |
| County | ALLEN | County | ALLEN |
| State | KANSAS | State | KANSAS |
| Location: SE NW SE SW 837' FSL & 1883' FWL SEC 4 TWP 24S RGE 18E API #: 15-001-30826-0000 | | Other Services DIL | |
| Permanent Datum | GL | Elevation | 1022' |
| Log Measured From | GL | K.B. --- | |
| Drilling Measured From | GL | D.F. --- | |
| | | G.L. 1022' | |
| Date | 5-08-2014 | | |
| Run Number | ONE | | |
| Depth Driller | 1092' | | |
| Depth Logger | 1085' | | |
| Bottom Logged Interval | 1083' | | |
| Top Log Interval | SURFACE | | |
| Casing Driller | 8 5/8" @ 22.30' | | |
| Casing Logger | 8 5/8" @ 22.30' | | |
| Bit Size | 6 3/4" | | |
| Type Fluid in Hole | MUD | | |
| Density / Viscosity | | | |
| pH / Fluid Loss | | | |
| Source of Sample | | | |
| Rm @ Meas. Temp | | | |
| Rmf @ Meas. Temp | | | |
| Rmc @ Meas. Temp | | | |
| Source of Rmf / Rmc | | | |
| Rm @ BHT | | | |
| Time Circulation Stopped | | | |
| Time Logger on Bottom | | | |
| Maximum Recorded Temperature | | | |
| Equipment Number | OW1 | | |
| Location | HOMINY, OK | | |
| Recorded By | LOWERY | | |
| Witnessed By | MR. ASHLOCK | | |

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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

OW1-8638
 MATRIX LIMESTONE 2.71g/cc
 ABHV COMPUTED WITH 4 1/2" CASING

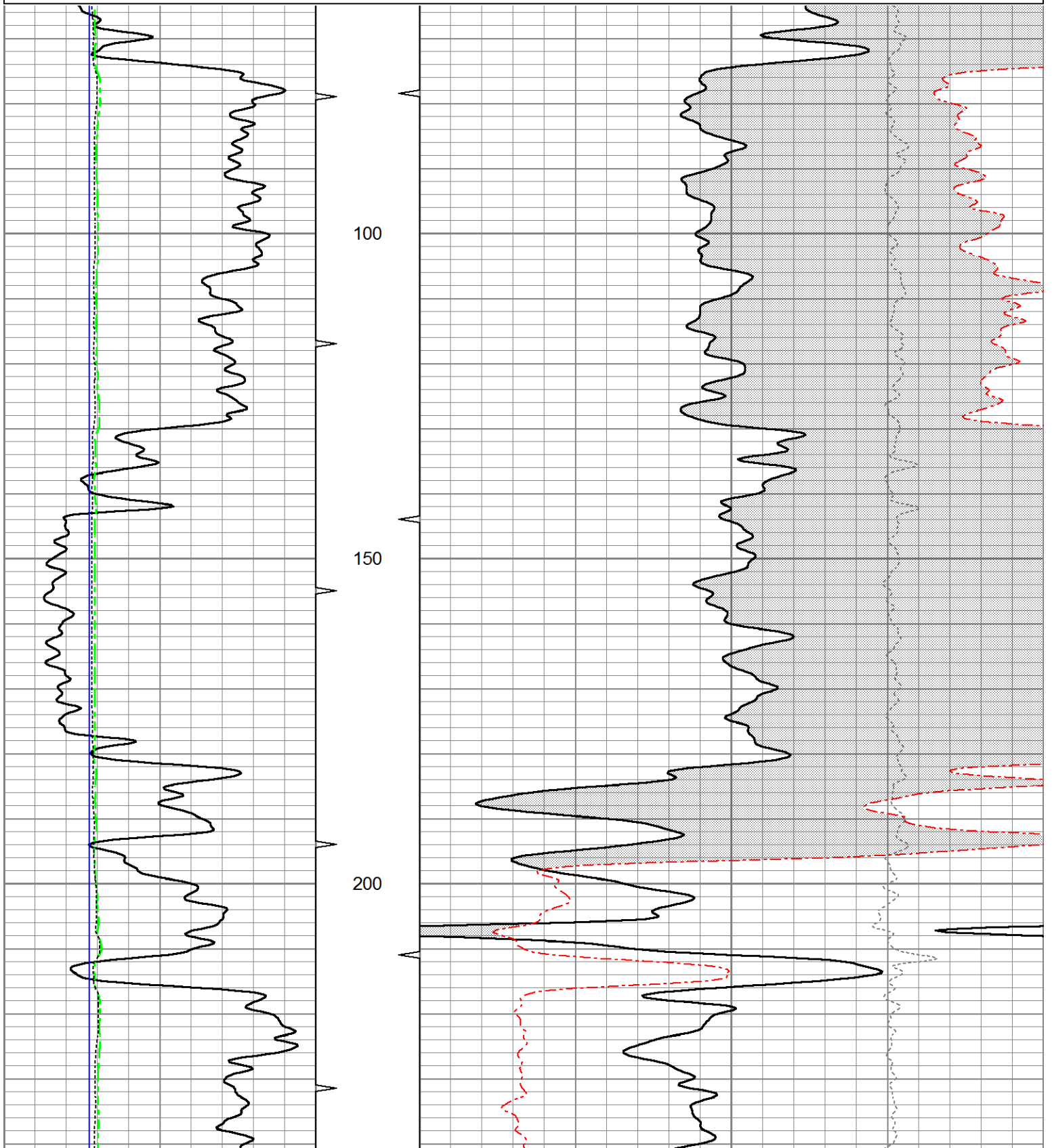
CREW : SHAMBLES

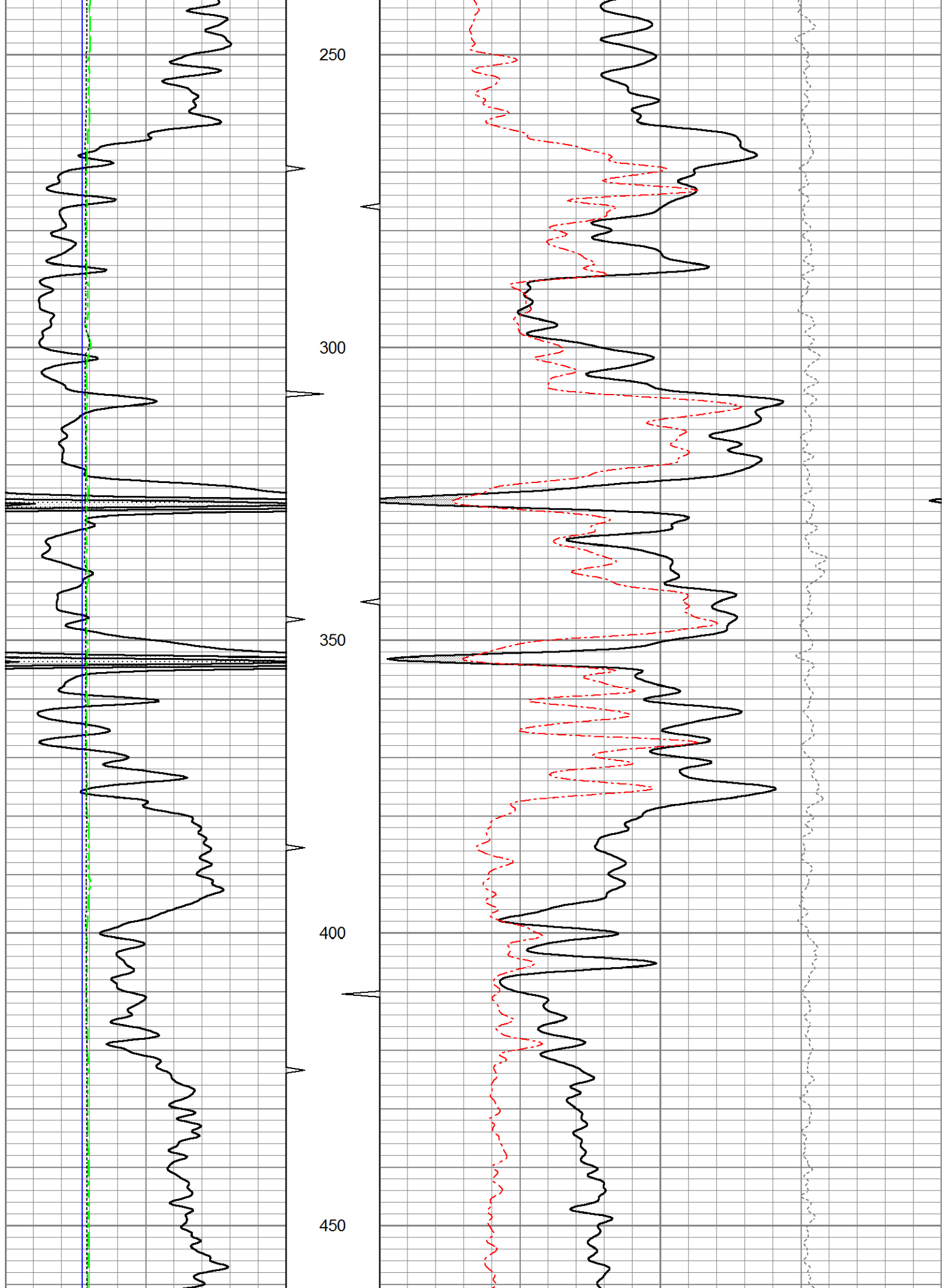


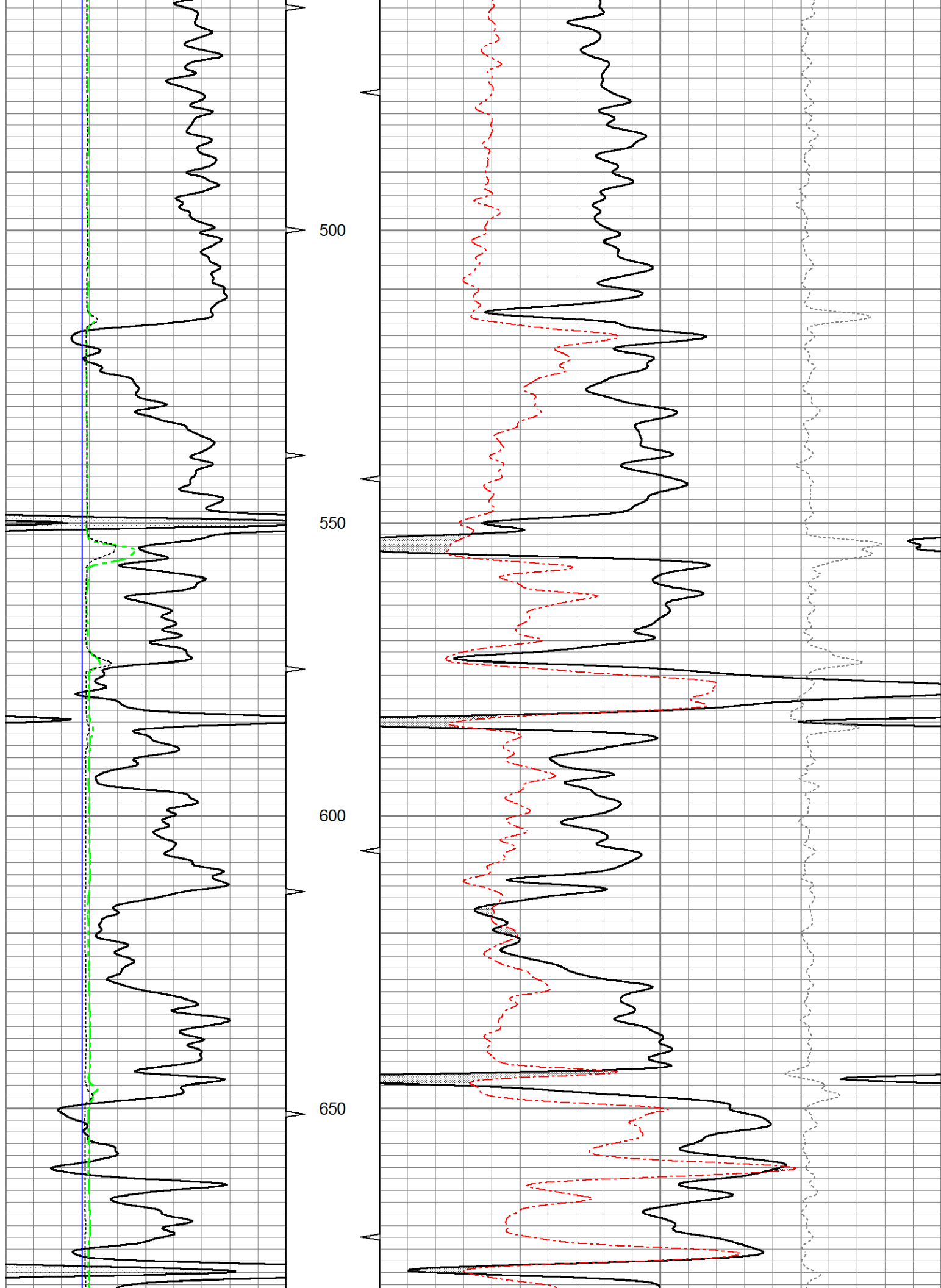
5" CDL/SWN SECTION

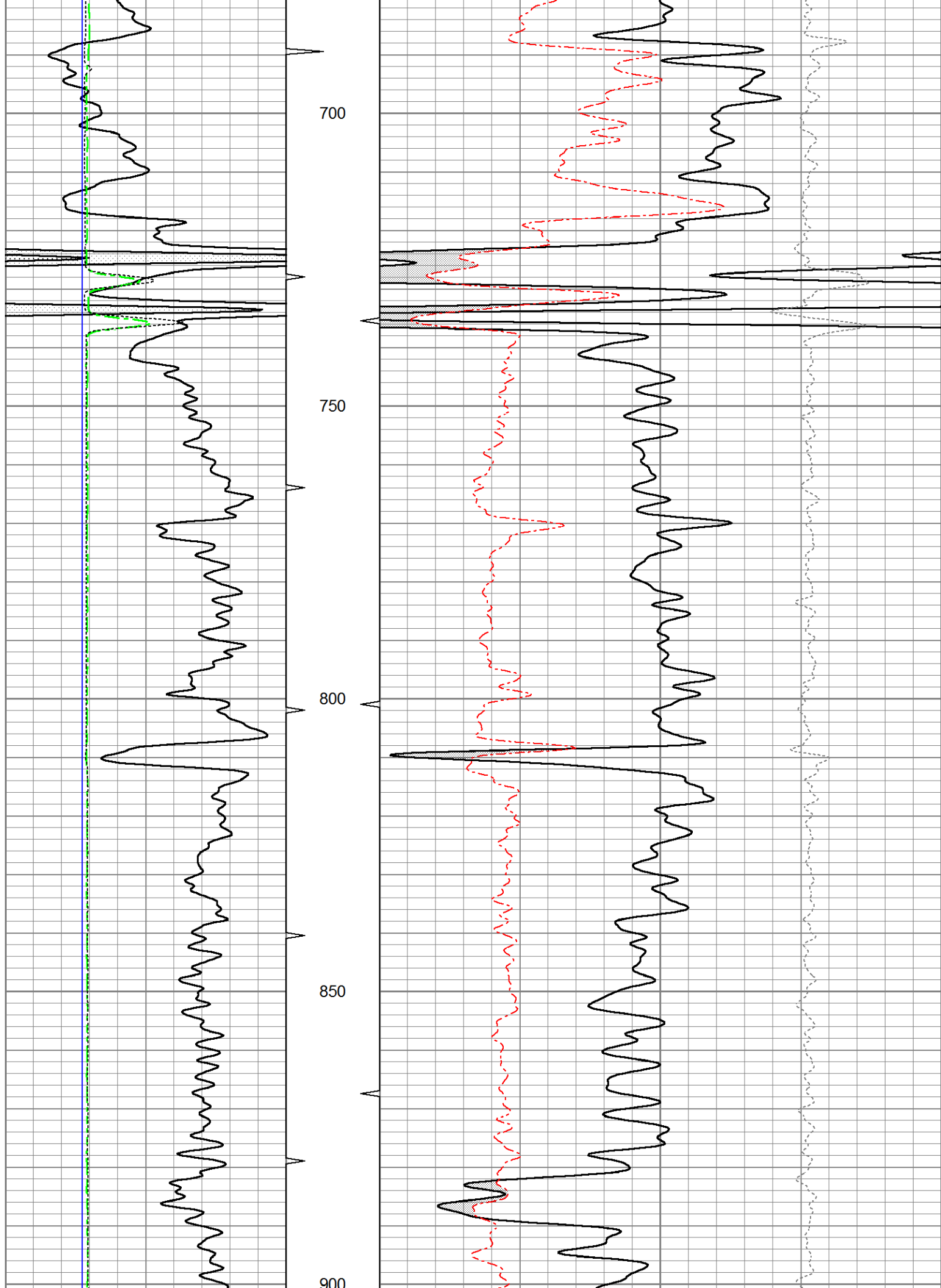
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 Presentation Format _neu4
 Dataset Creation Thu May 08 09:21:40 2014
 Charted by Depth in Feet scaled 1:240

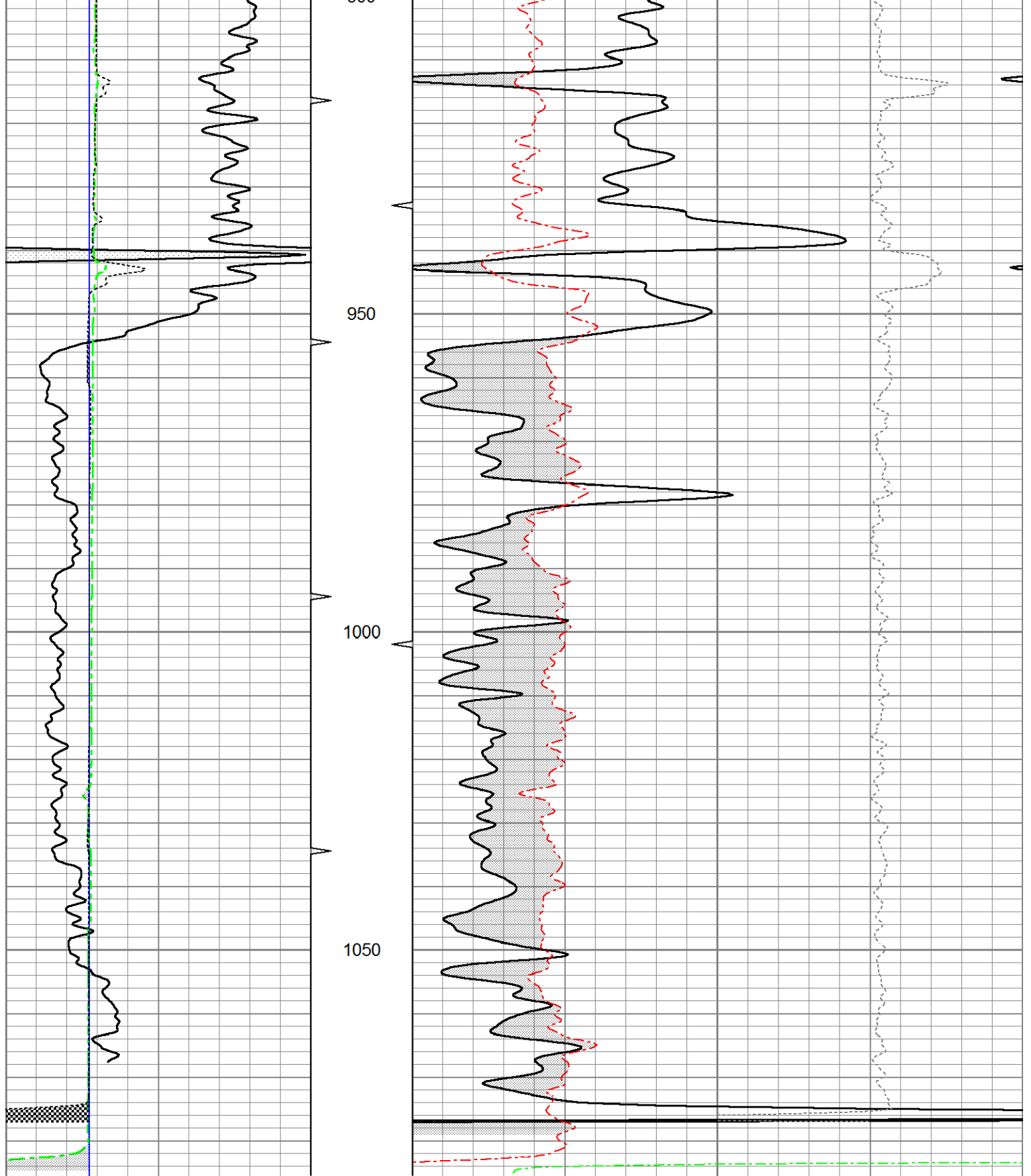
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|---|----------------------|-----|------|----|-----------------------|-----------------------|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 30 | Density Porosity (pu) | -10 |
| 4 | Bit size (in) | 14 | ABHV | 30 | Neutron Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | | -0.5 | Correction (g/cc) 0.5 |
| 4 | Density Caliper (in) | 14 | | | 5000 | Line Tension (lb) 0 |











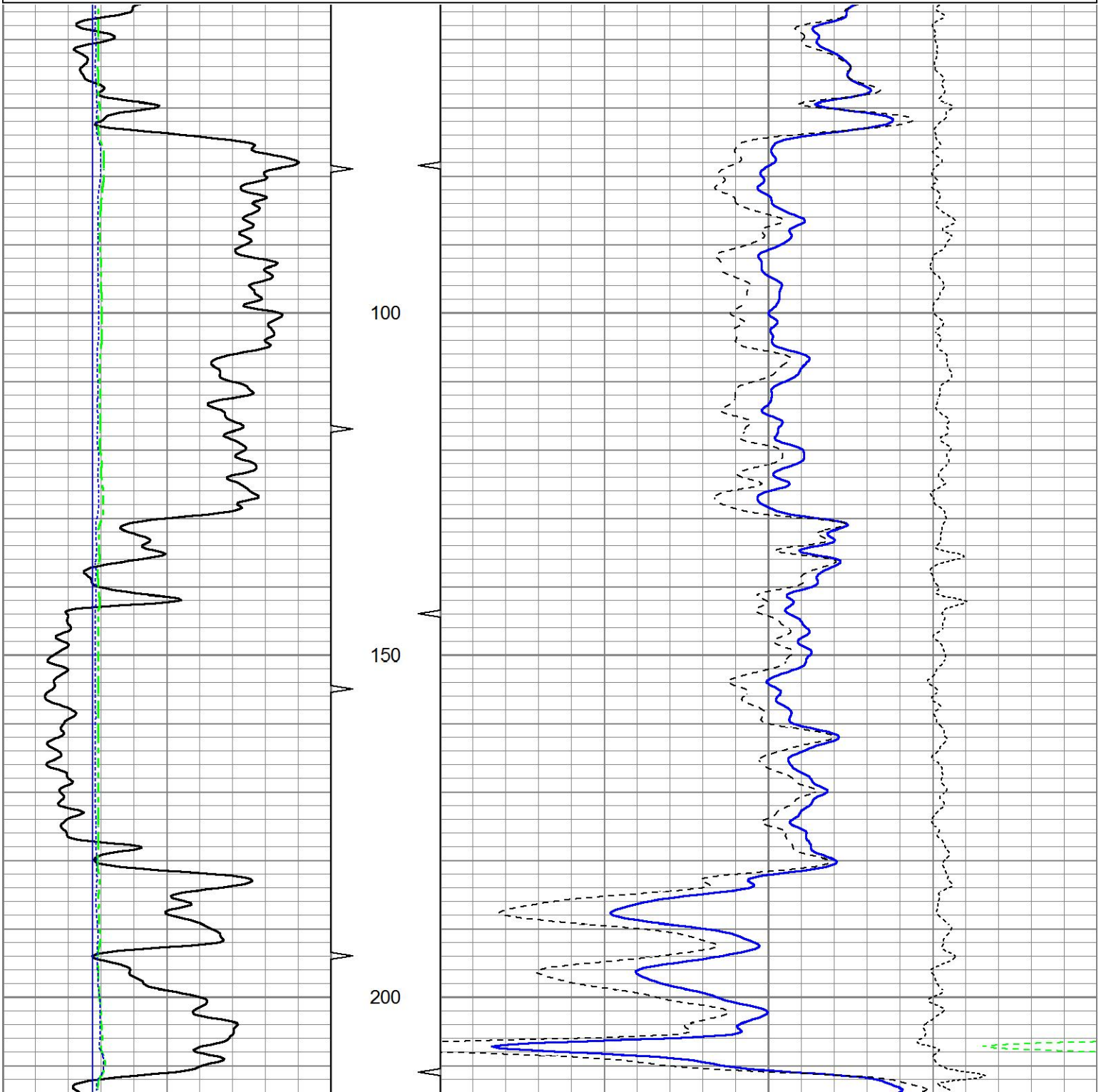
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|---|----------------------|-----|------|----|-----------------------|-------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 30 | Density Porosity (pu) | -10 | |
| 4 | Bit size (in) | 14 | ABHV | 30 | Neutron Porosity (pu) | -10 | |
| 4 | Neutron Caliper (in) | 14 | | | -0.5 | Correction (g/cc) | 0.5 |
| 4 | Density Caliper (in) | 14 | | | 5000 | Line Tension (lb) | 0 |

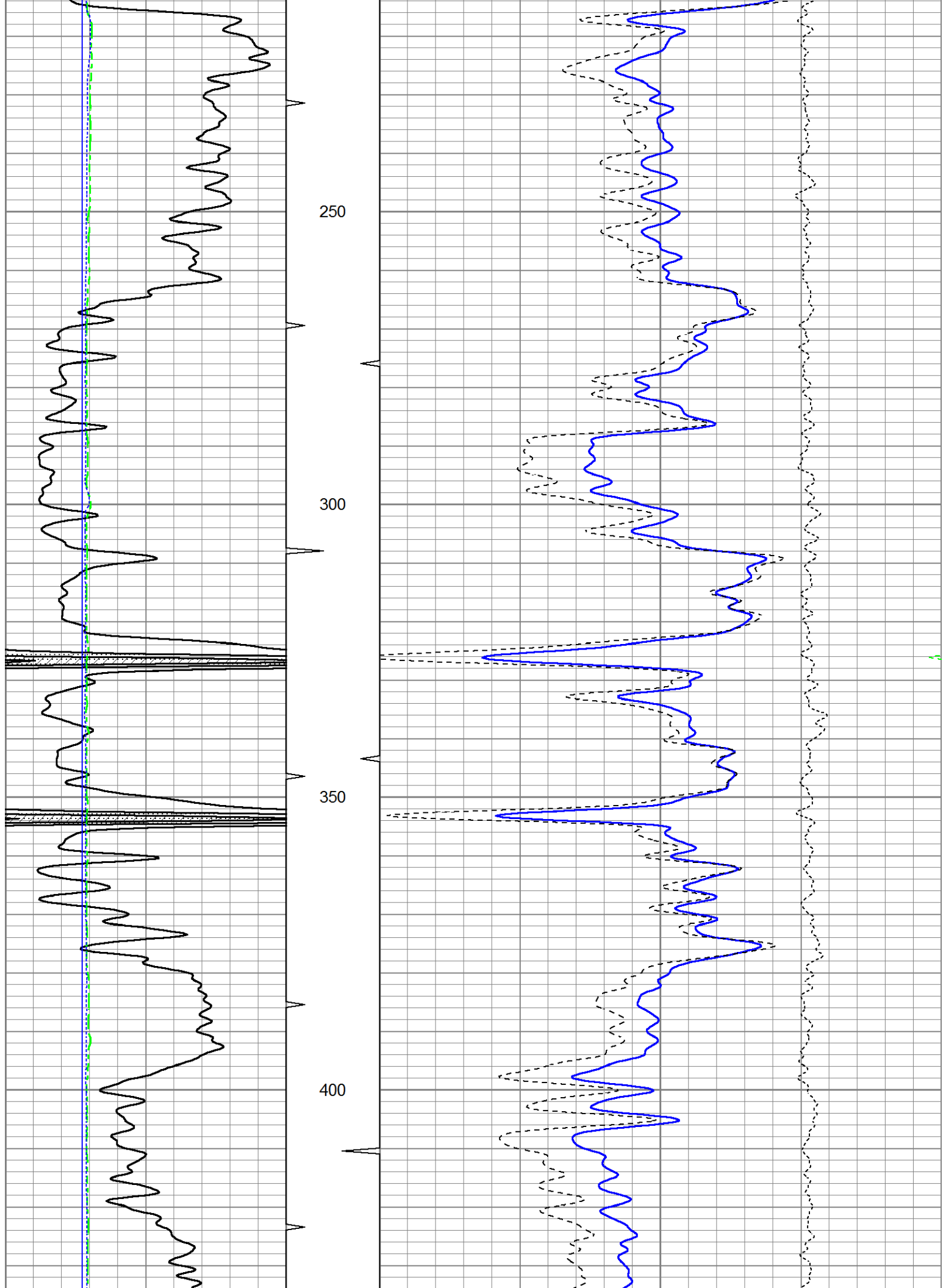


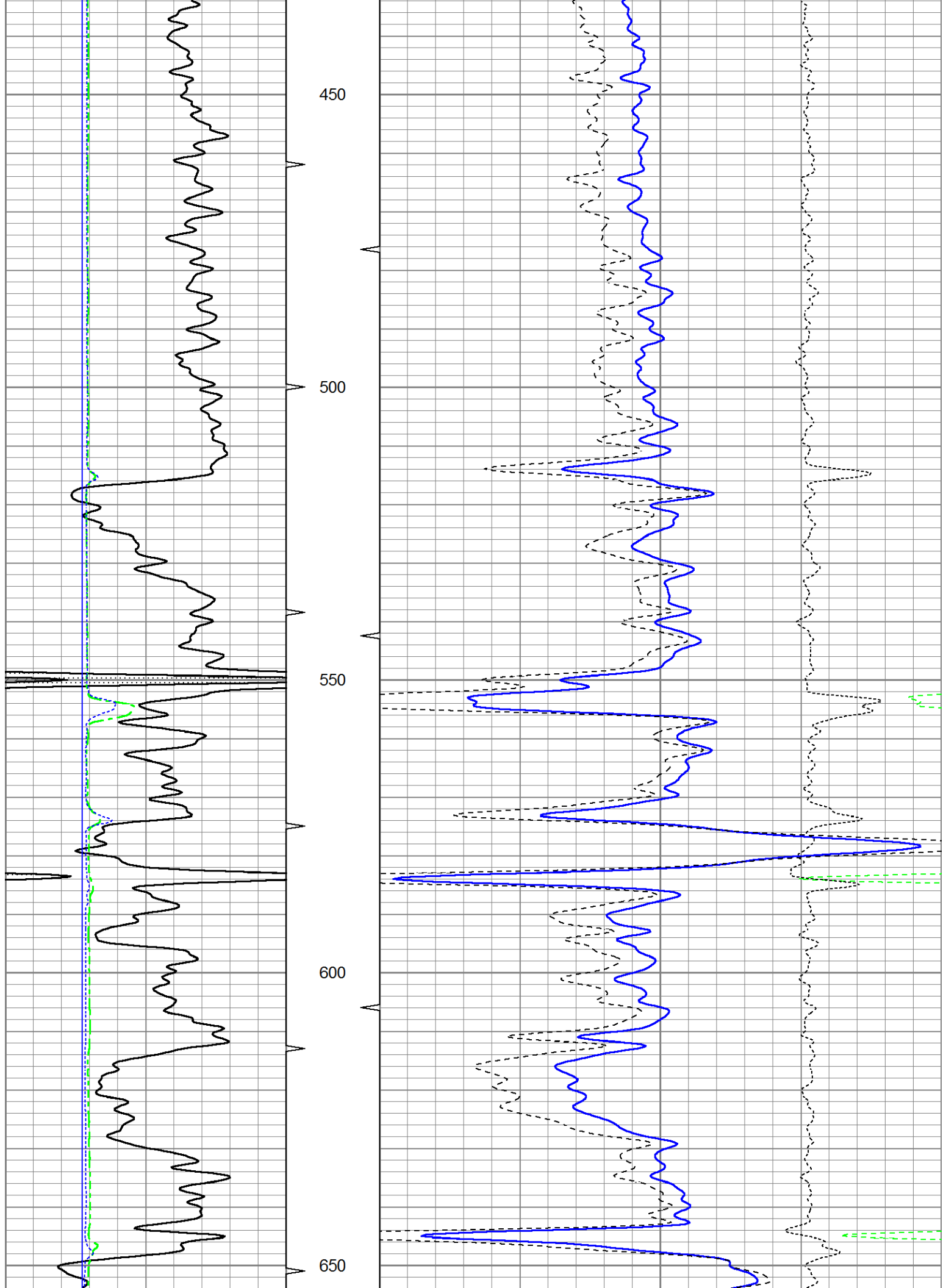
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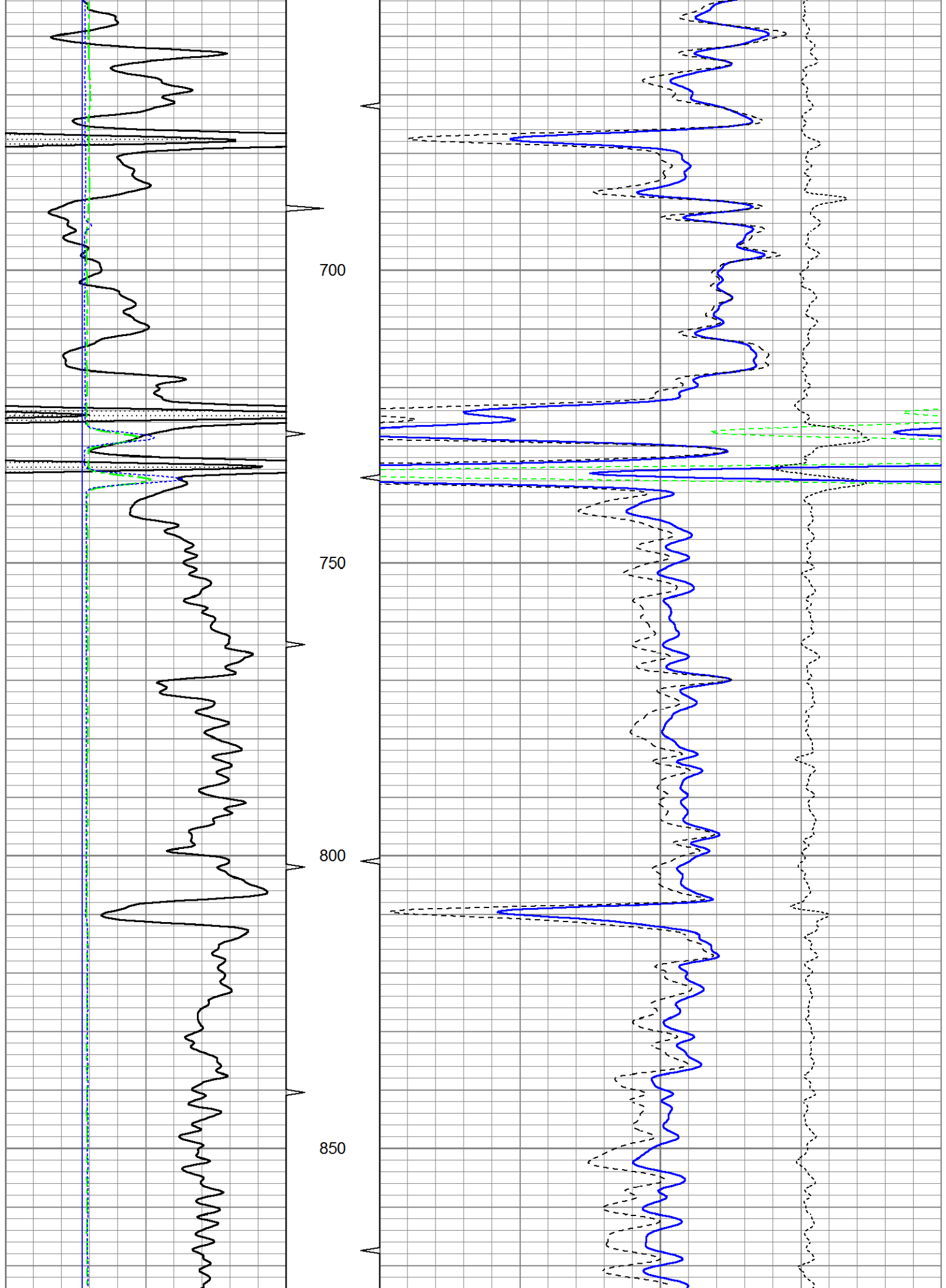
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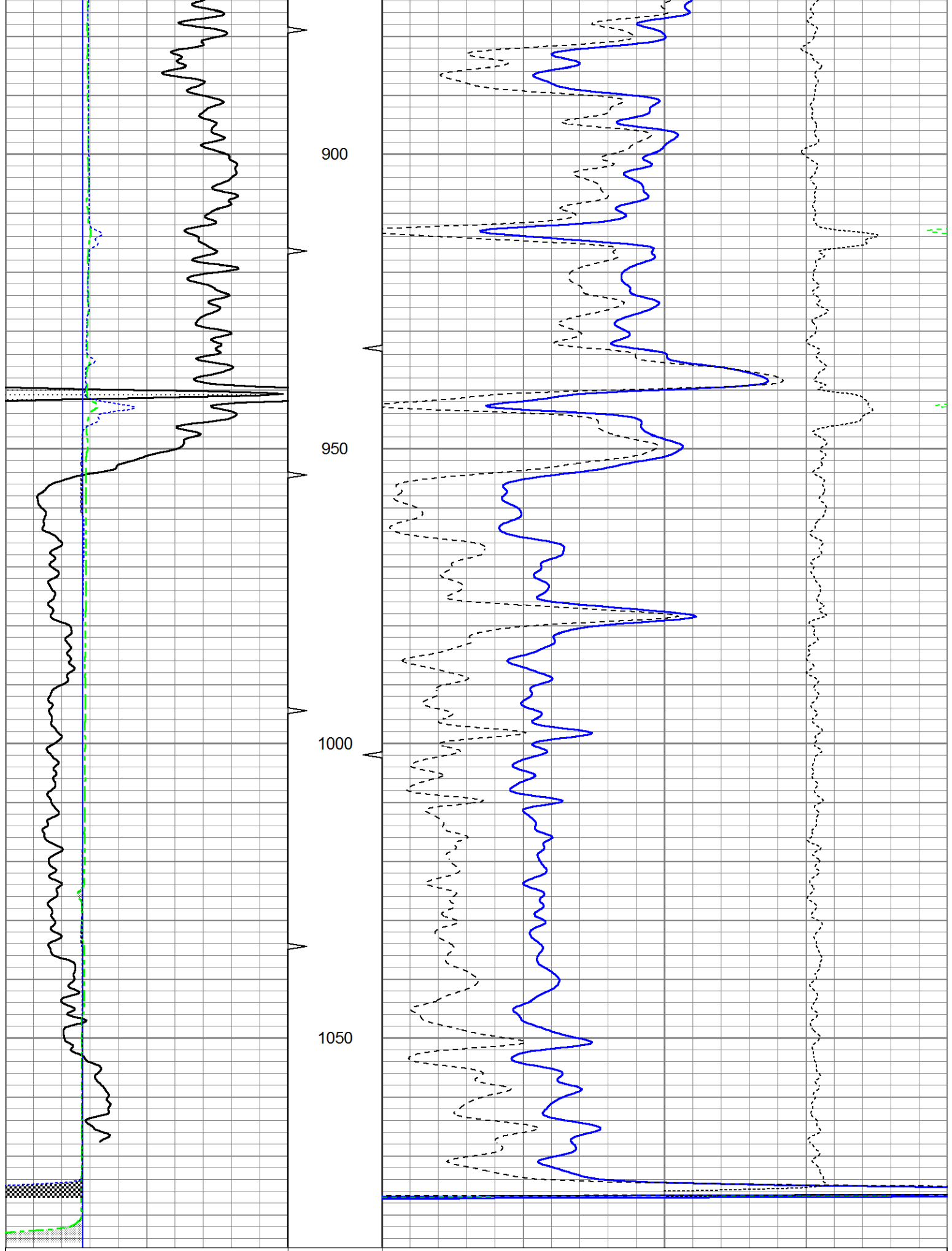
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|---|----------------------|-----|------|----|------------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit size (in) | 14 | ABHV | 30 | Density porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | | -0.5 Correction (g/cc) | 0.5 |
| 4 | Density Caliper (in) | 14 | | | 5000 Line Tension (lb) | 0 |











| | | | | | | |
|---|------------------|-----|------|----|-----------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit size (in) | 14 | ABHV | 30 | Density porosity (pu) | -10 |

| | | |
|---|----------------------|----|
| 4 | Neutron Caliper (in) | 14 |
| 4 | Density Caliper (in) | 14 |

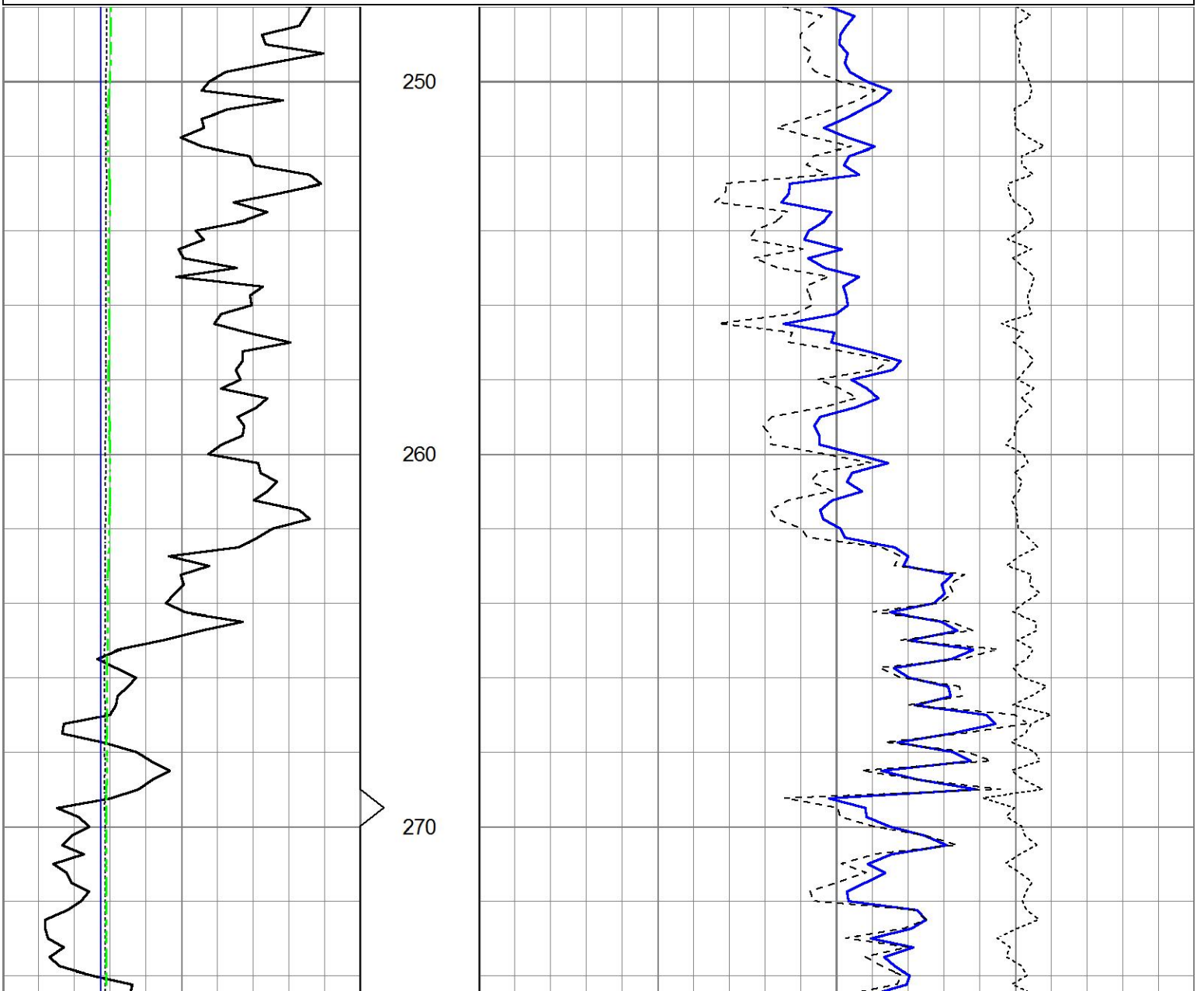
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|------|-------------------|-----|
| -0.5 | Correction (g/cc) | 0.5 |
| 5000 | Line Tension (lb) | 0 |

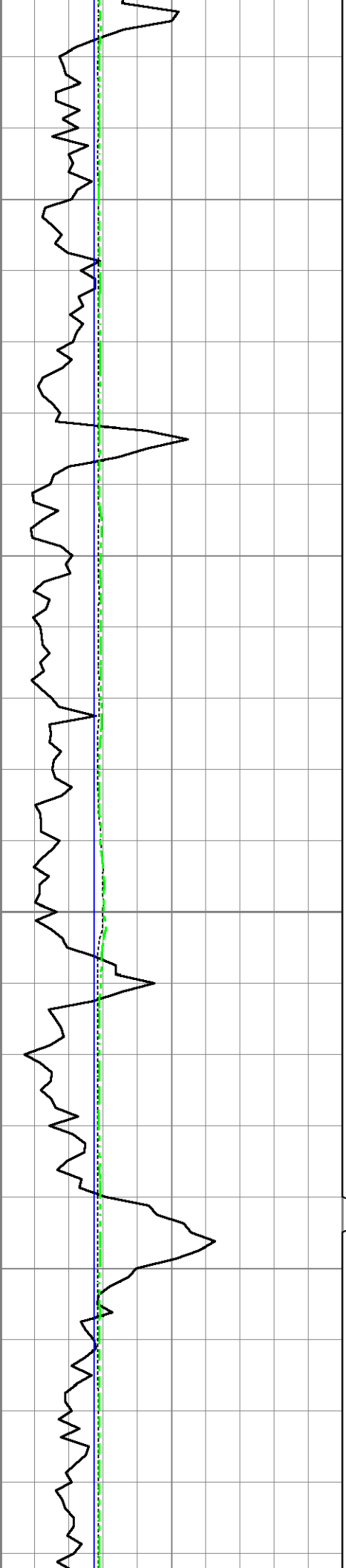


25" HR CDL SECTION

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 Presentation Format bulk4hr
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|---|----------------------|-----|------|----|-----------------------|-------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 | |
| 4 | Bit size (in) | 14 | ABHV | 30 | Density porosity (pu) | -10 | |
| 4 | Density Caliper (in) | 14 | | | -0.5 | Correction (g/cc) | 0.5 |
| 4 | Neutron Caliper (in) | 14 | | | 5000 | Line Tension (lb) | 0 |



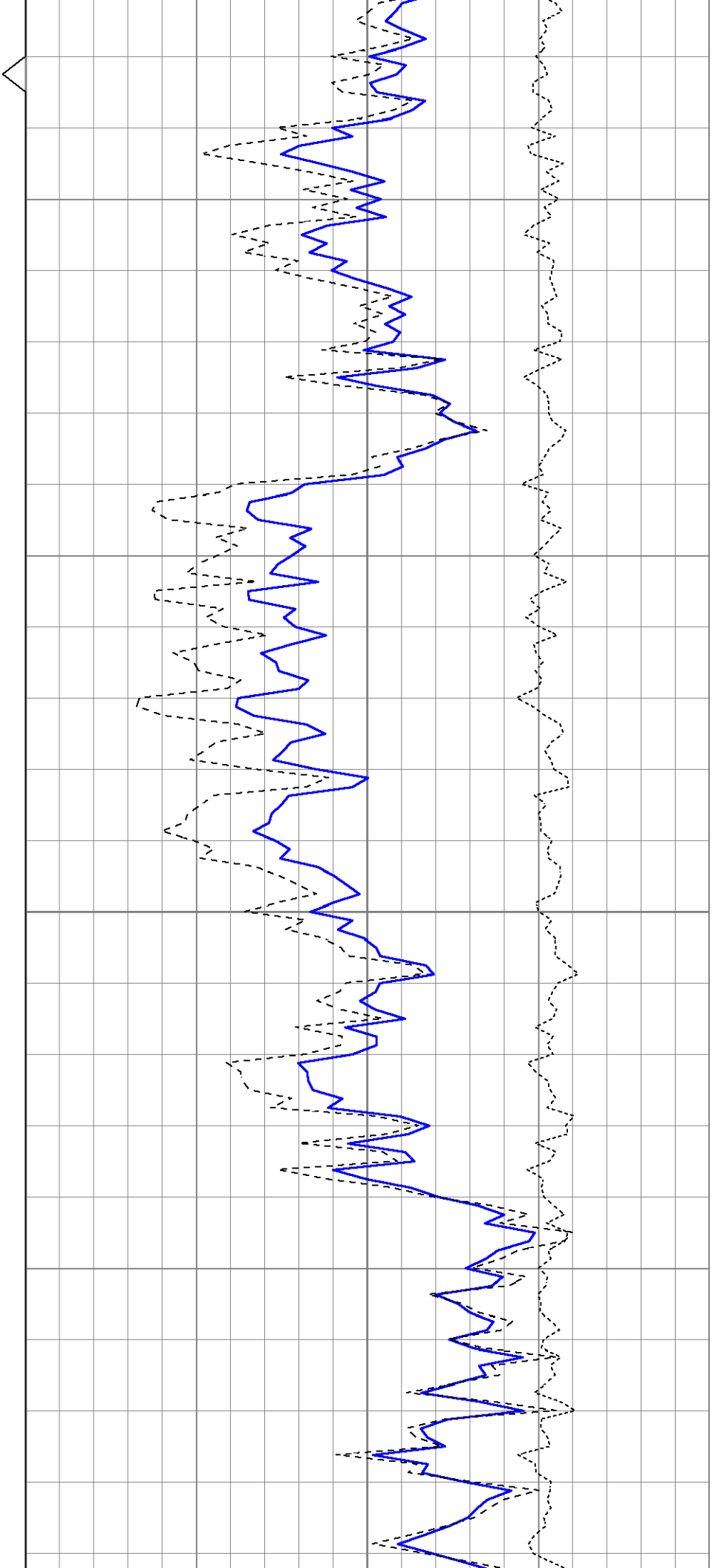


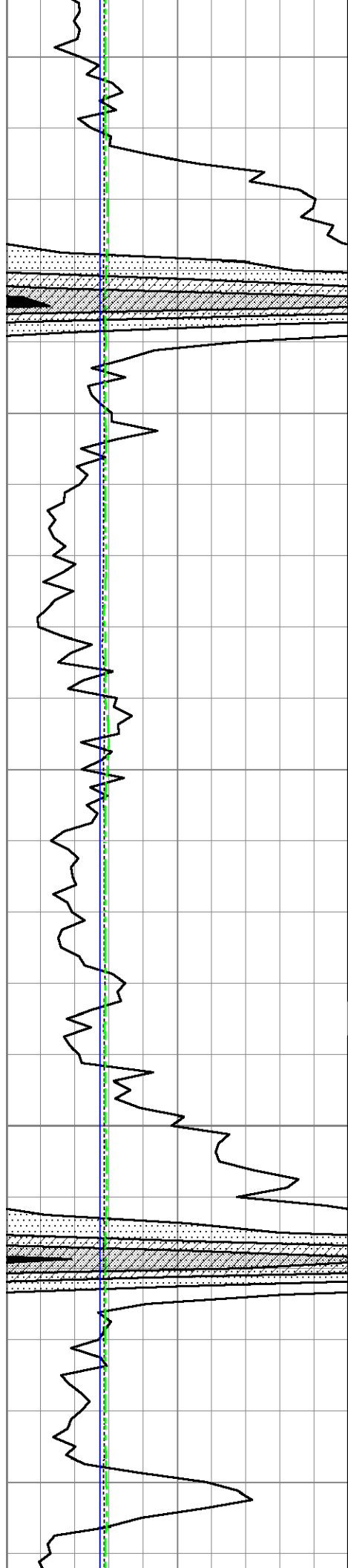
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290

300

310





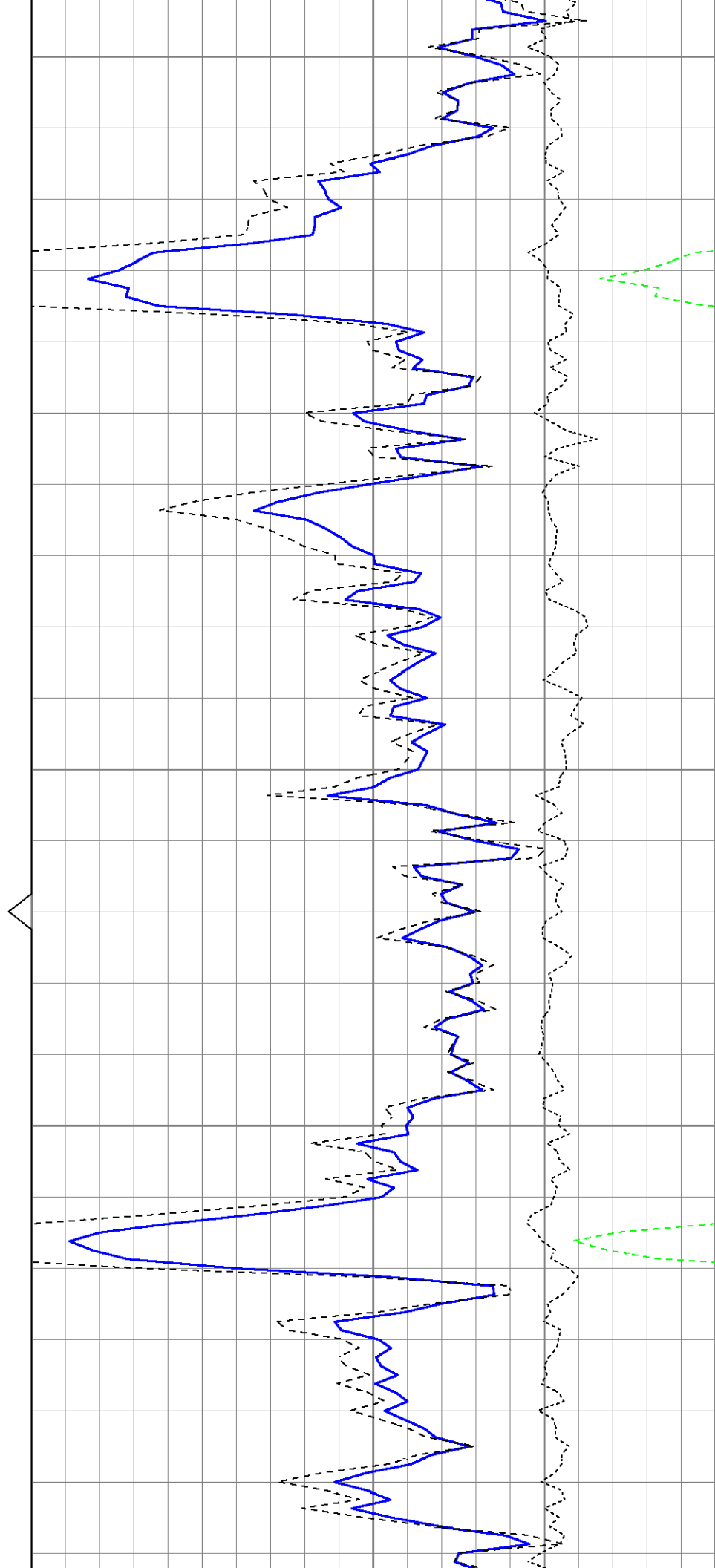
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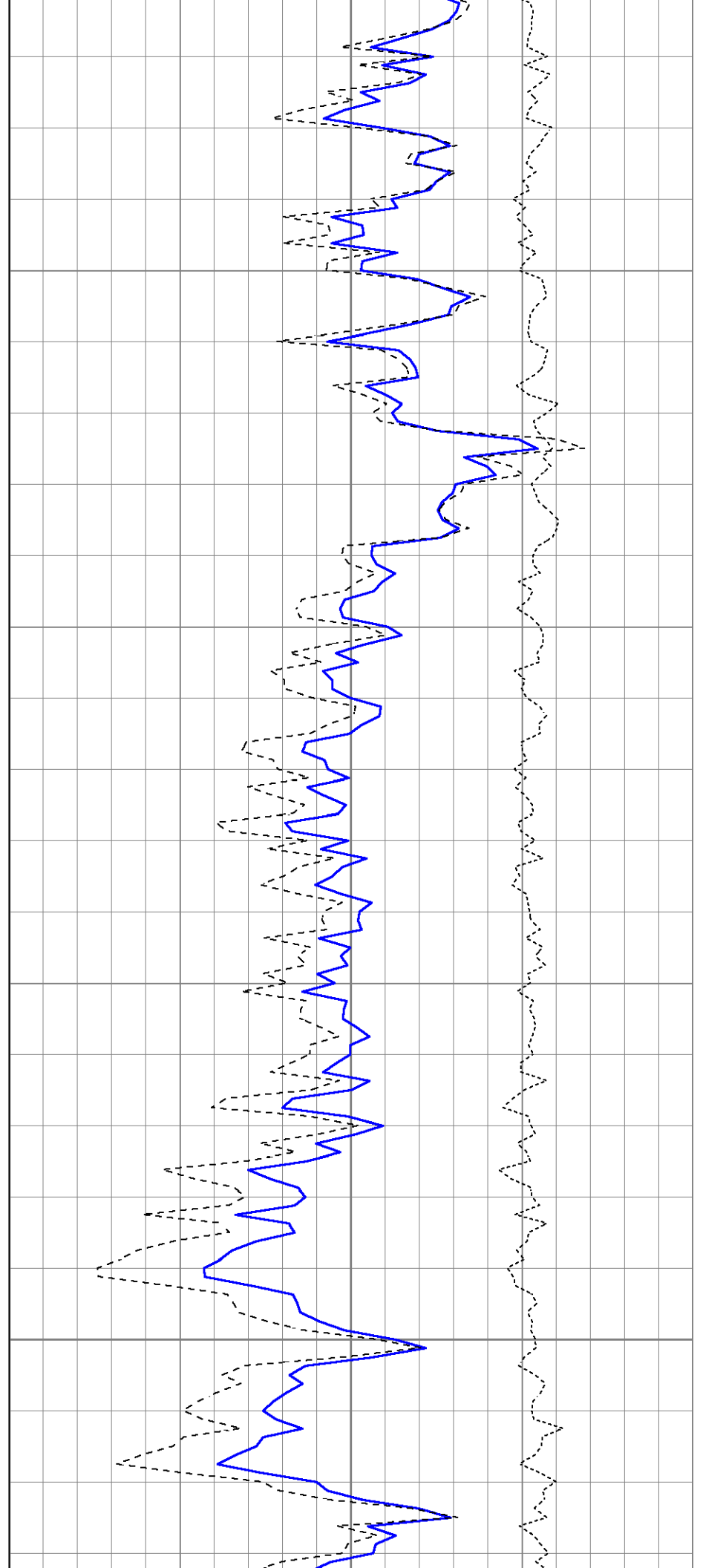
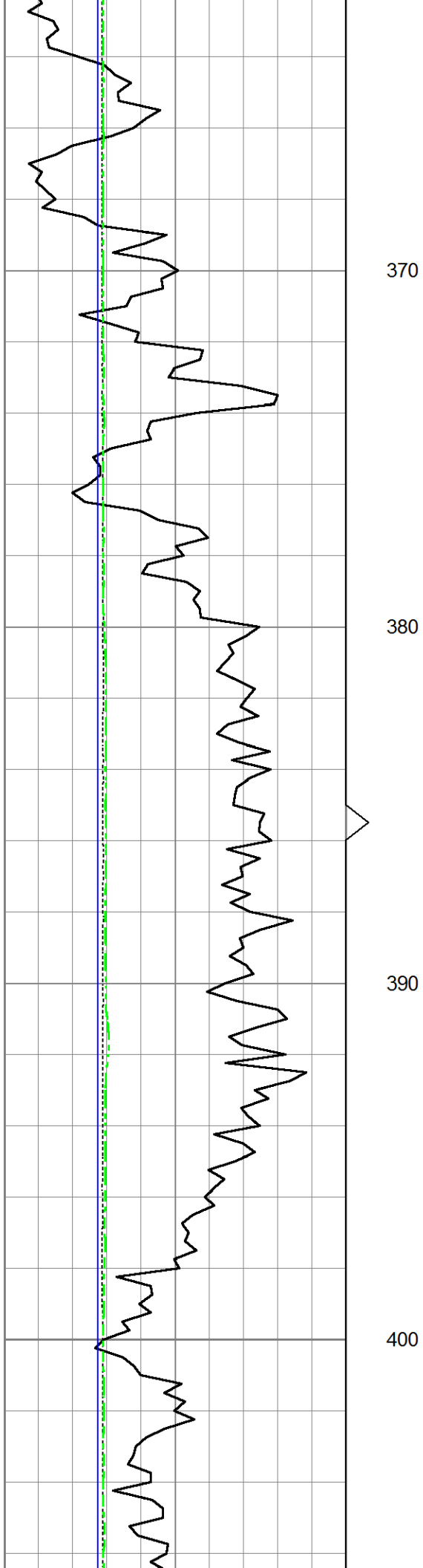
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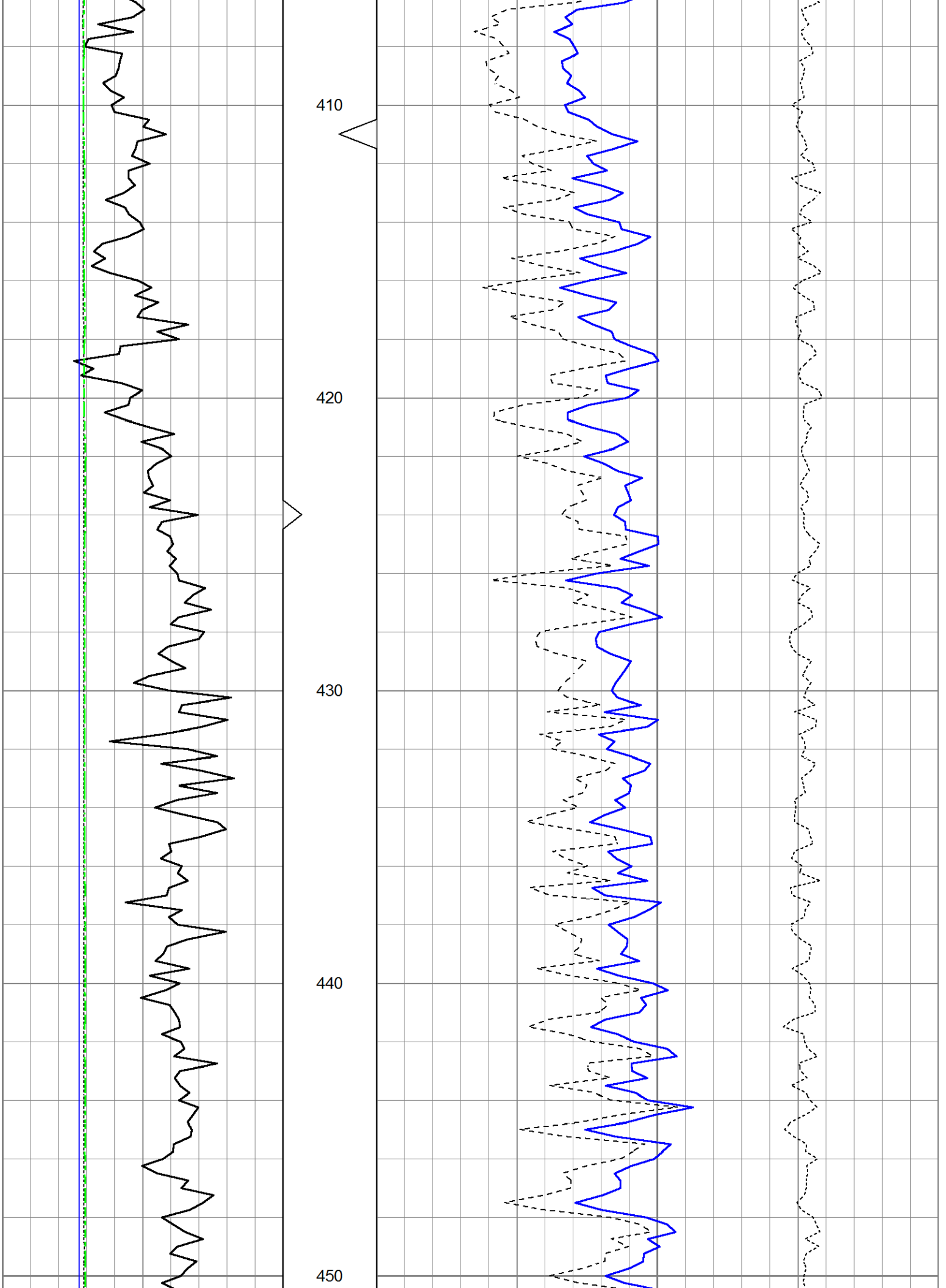
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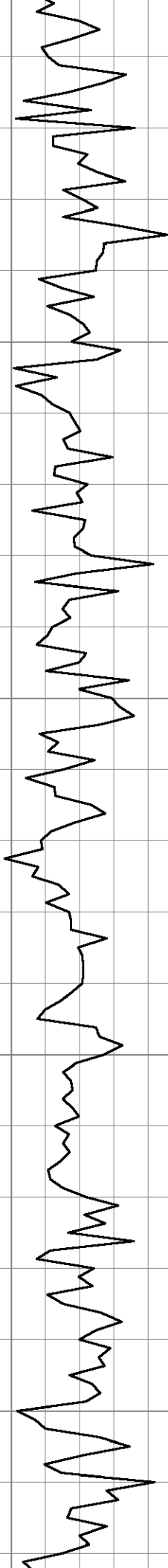
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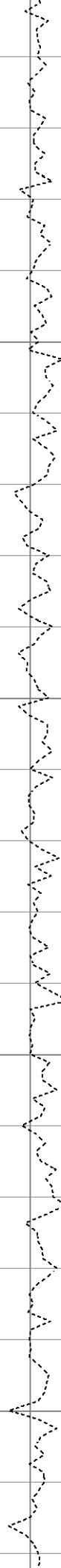
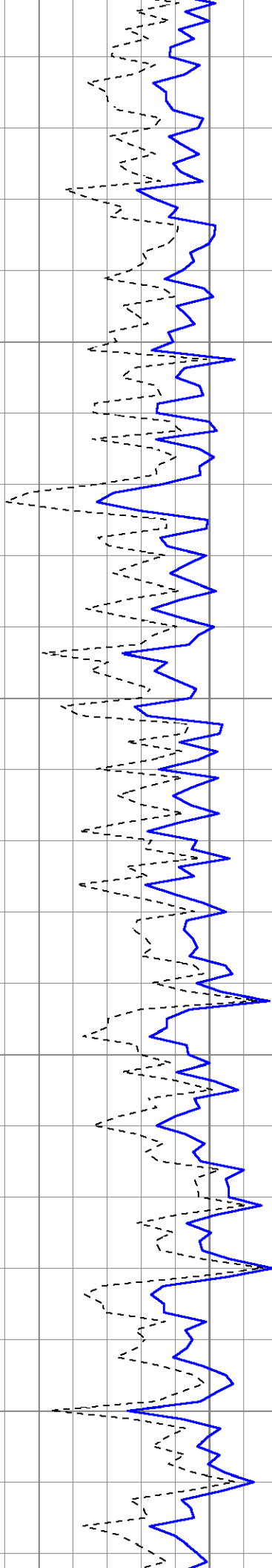


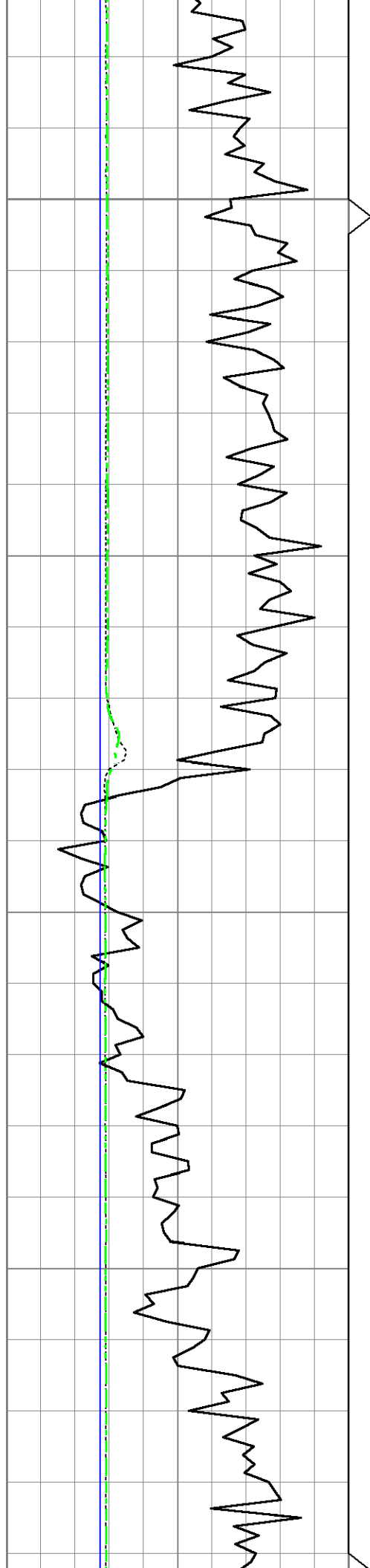
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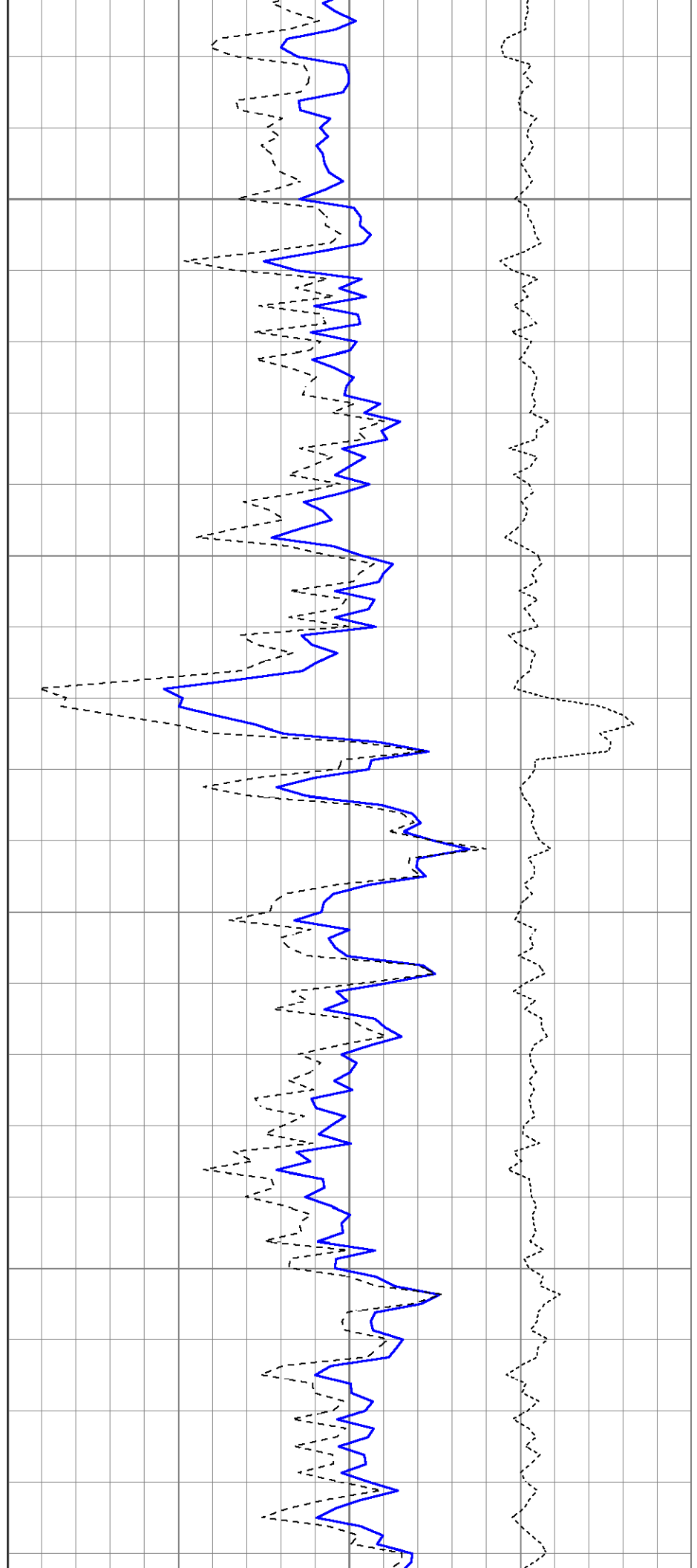


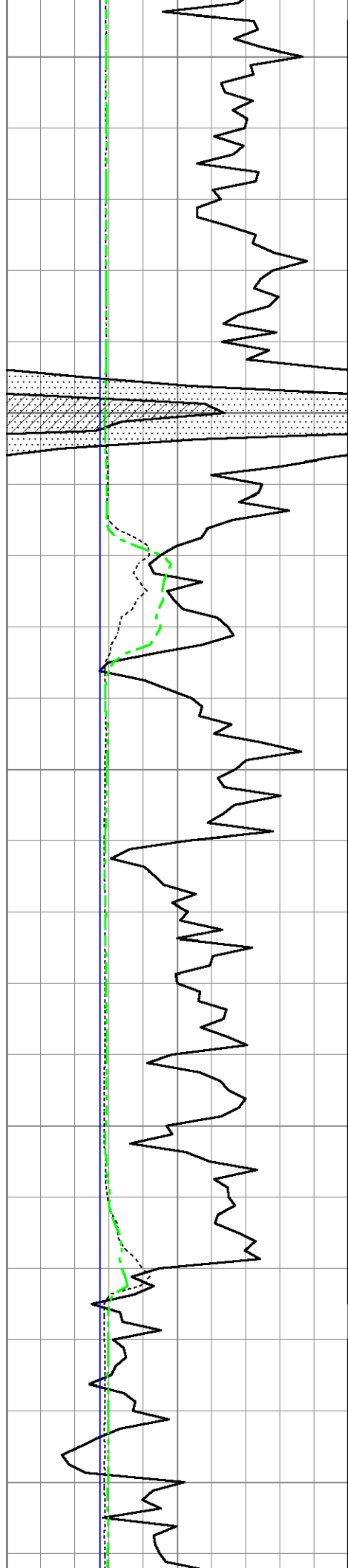
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530





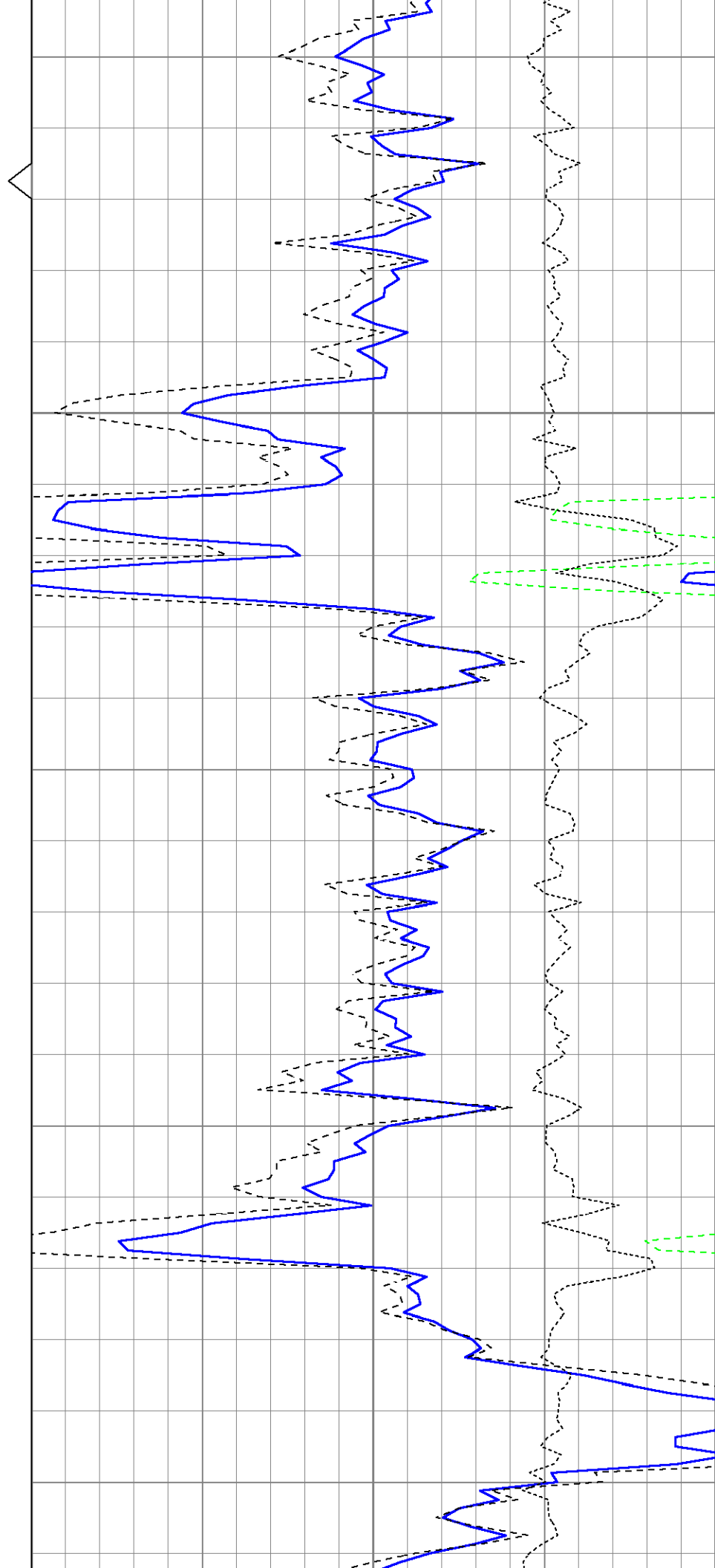
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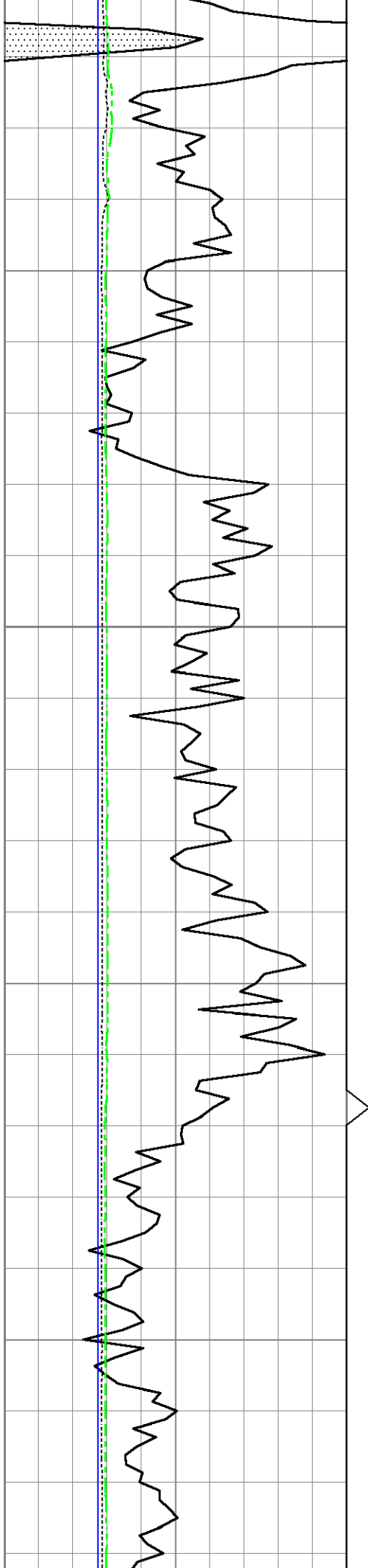
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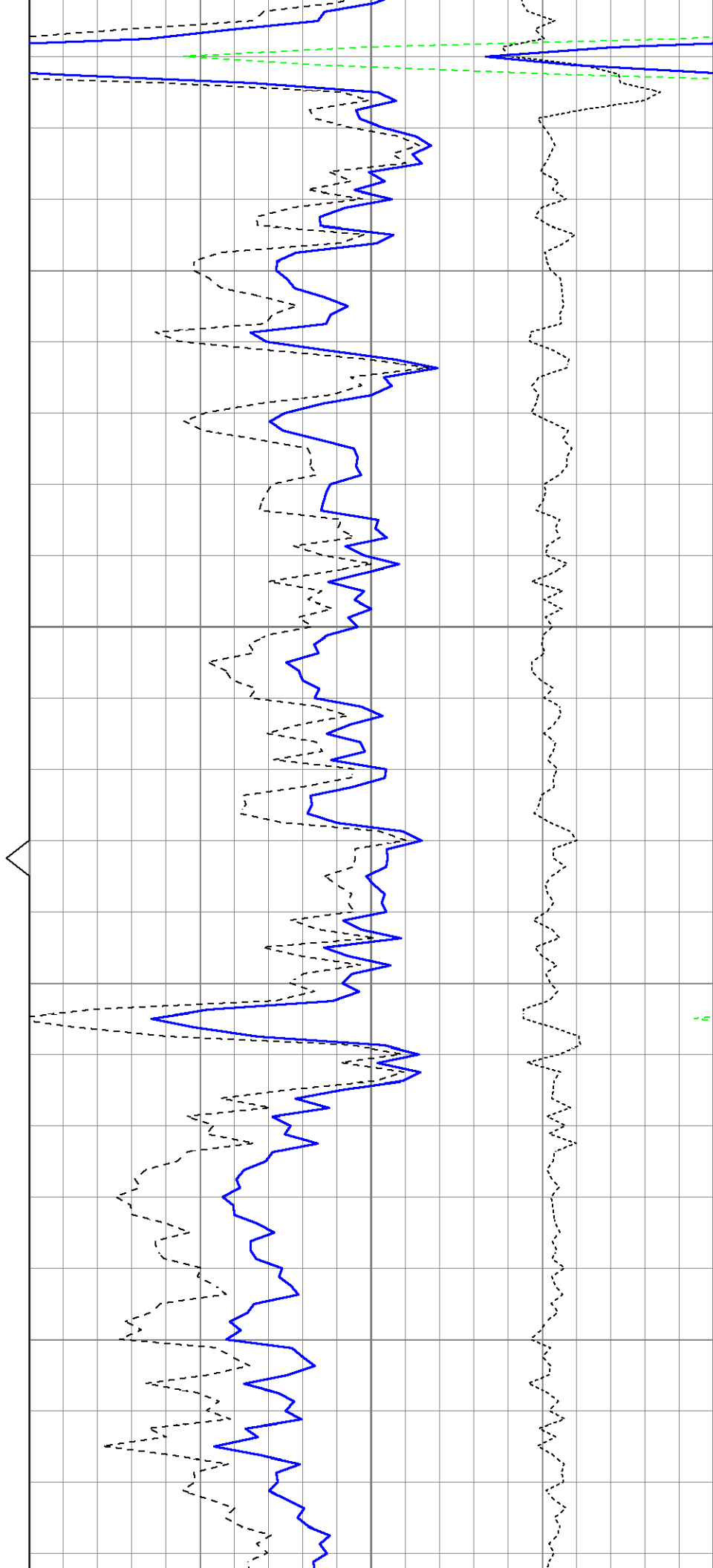


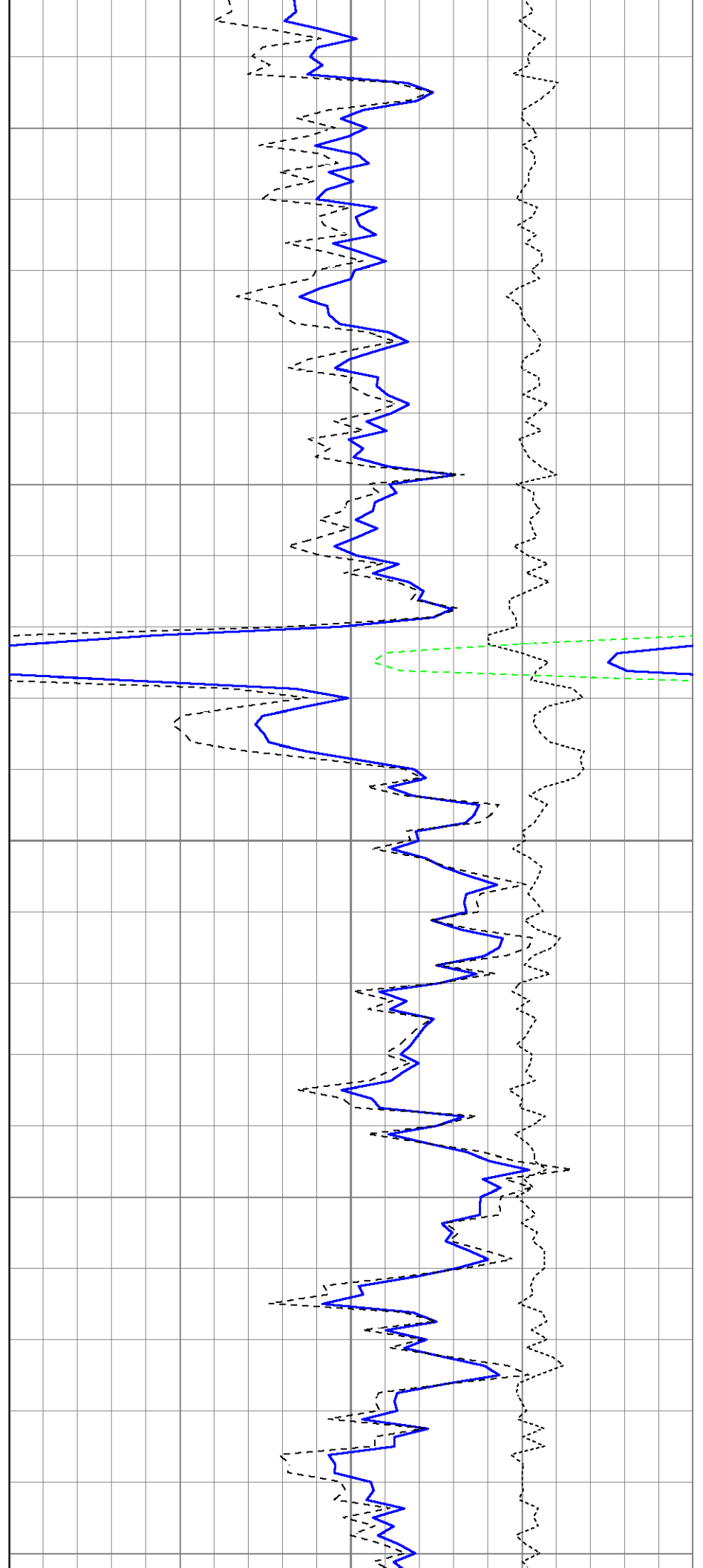
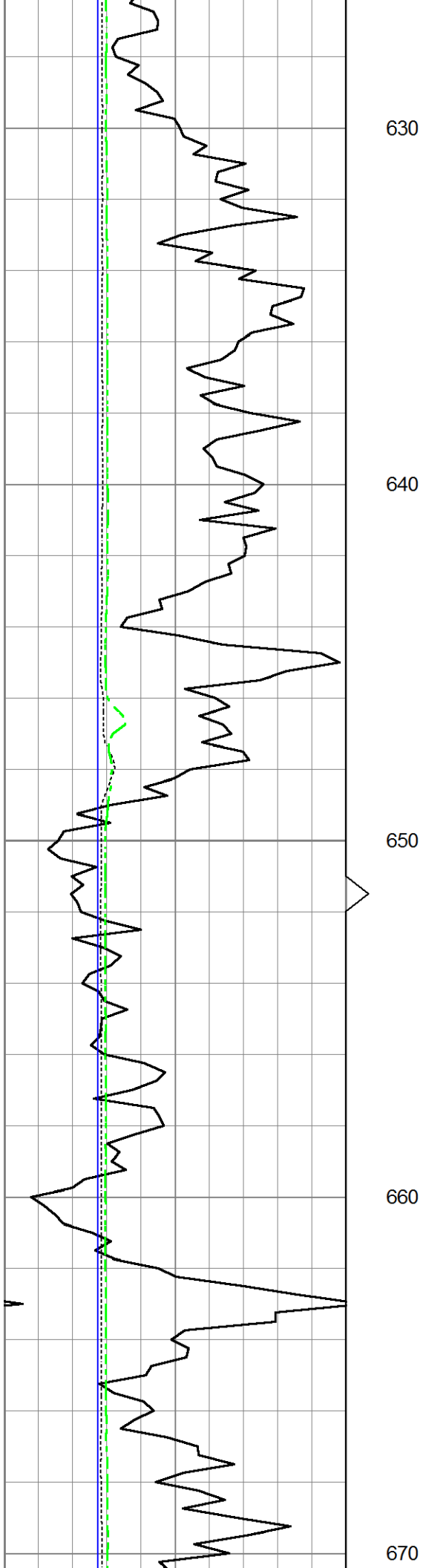
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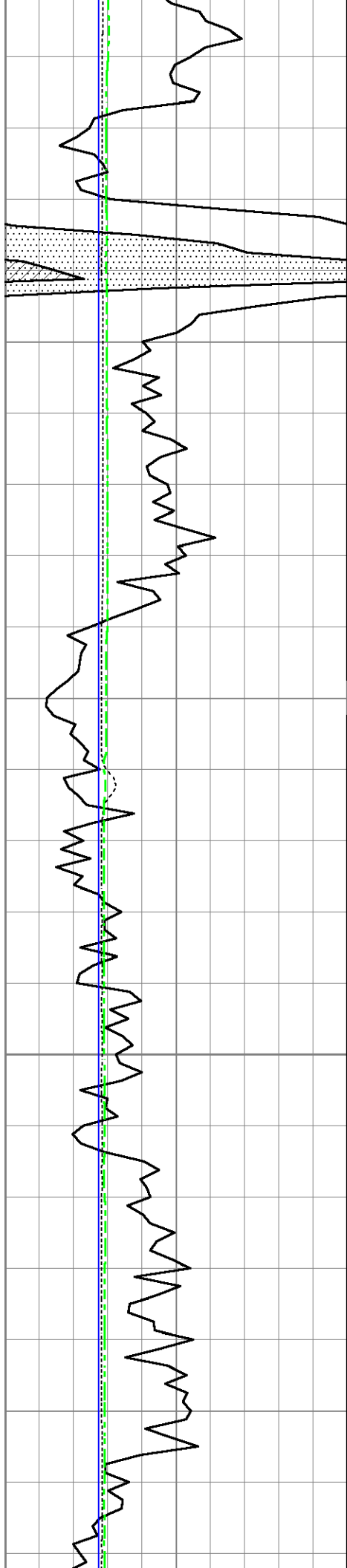
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620





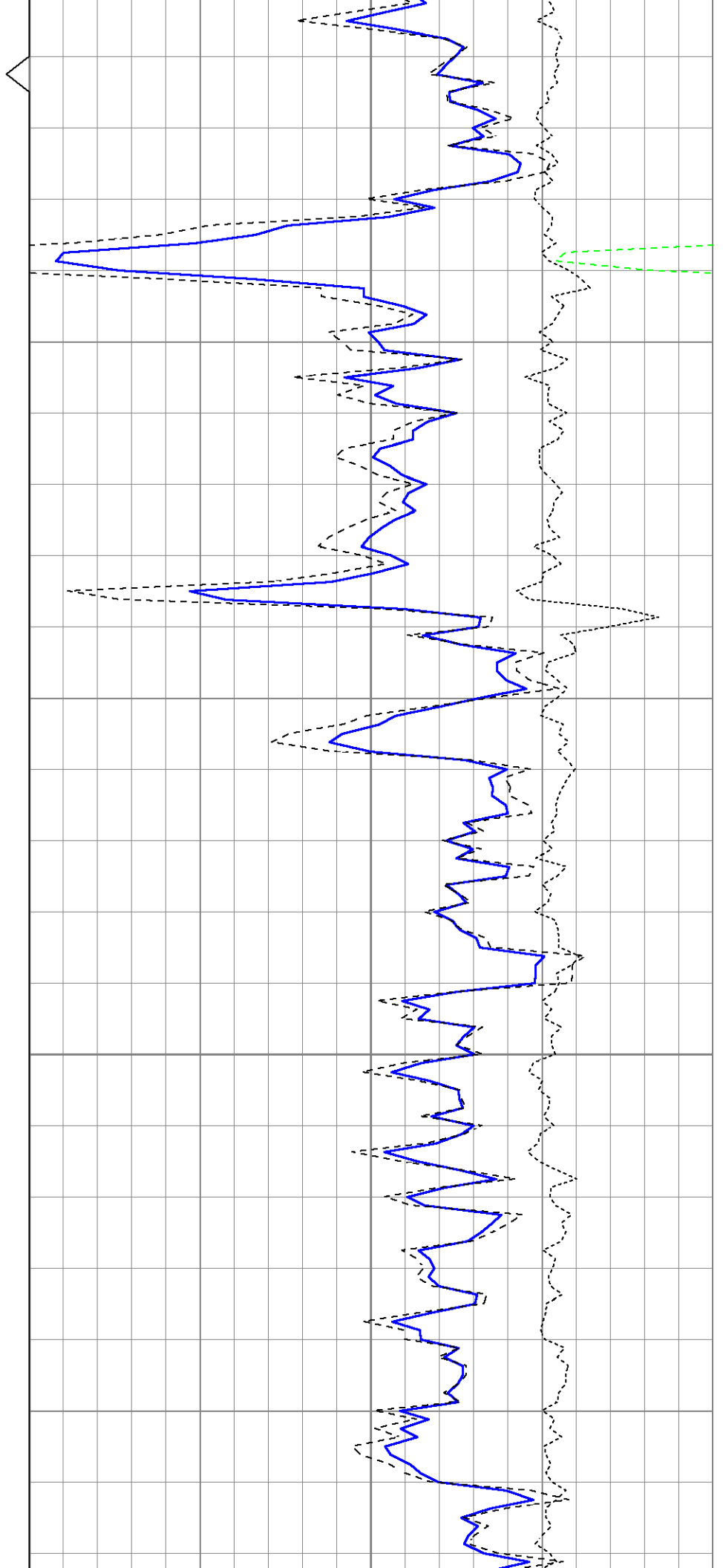


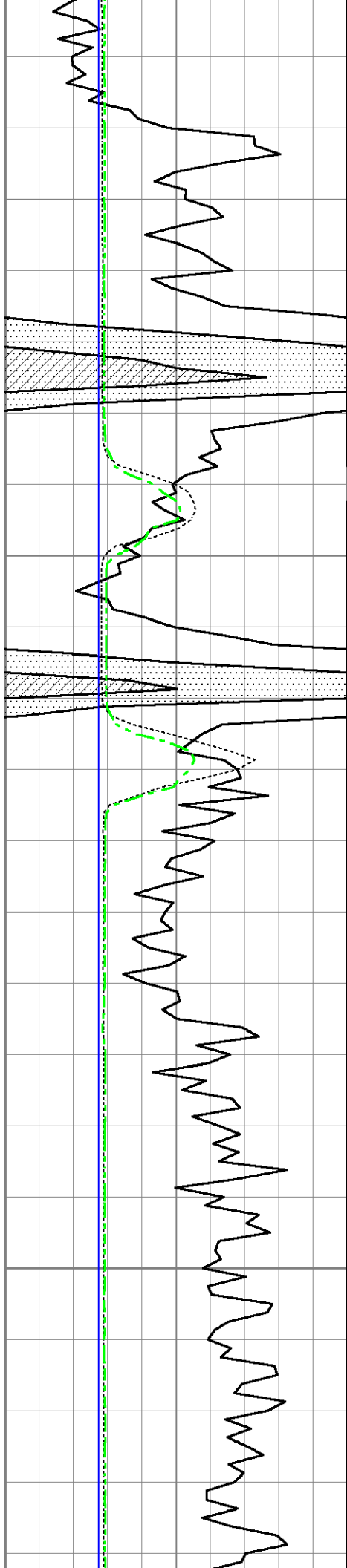
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690

700

710



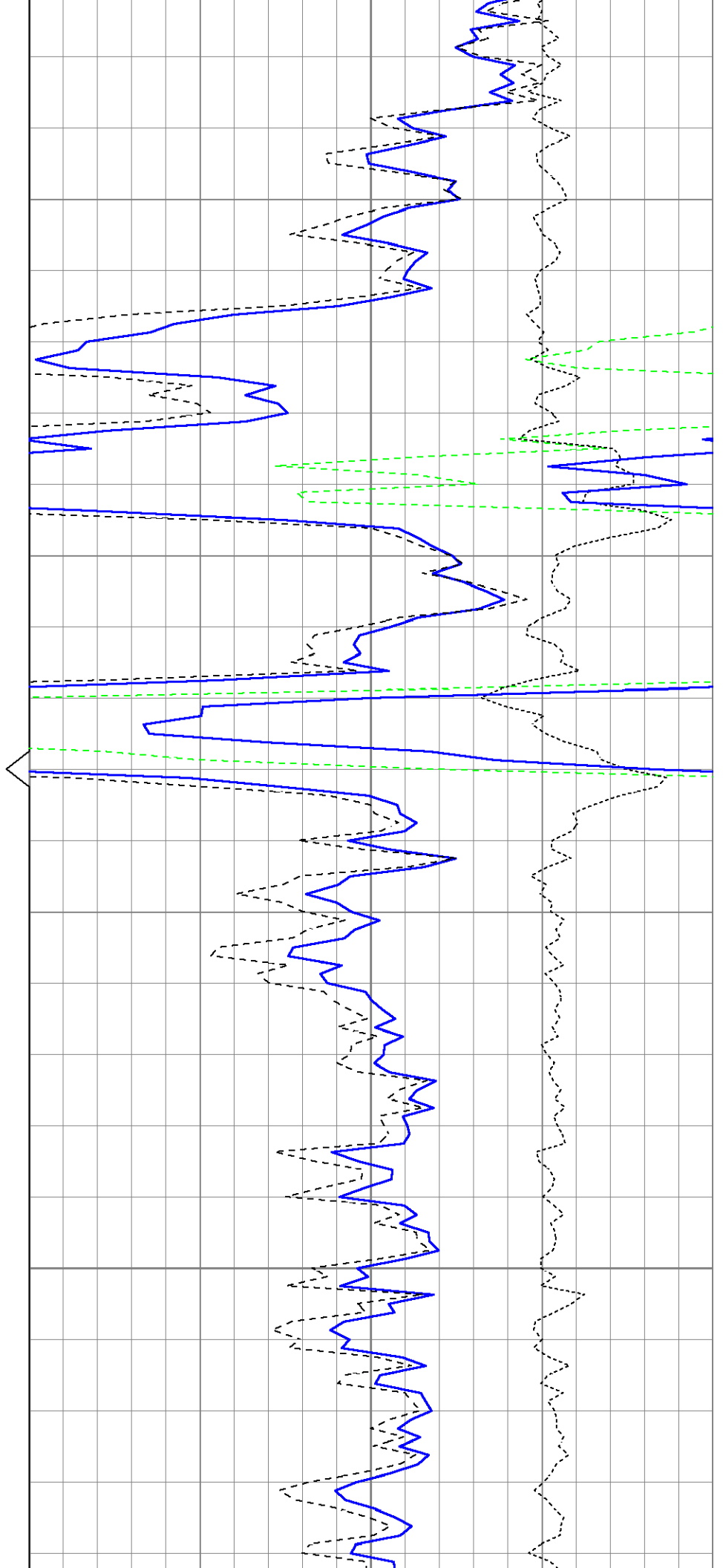


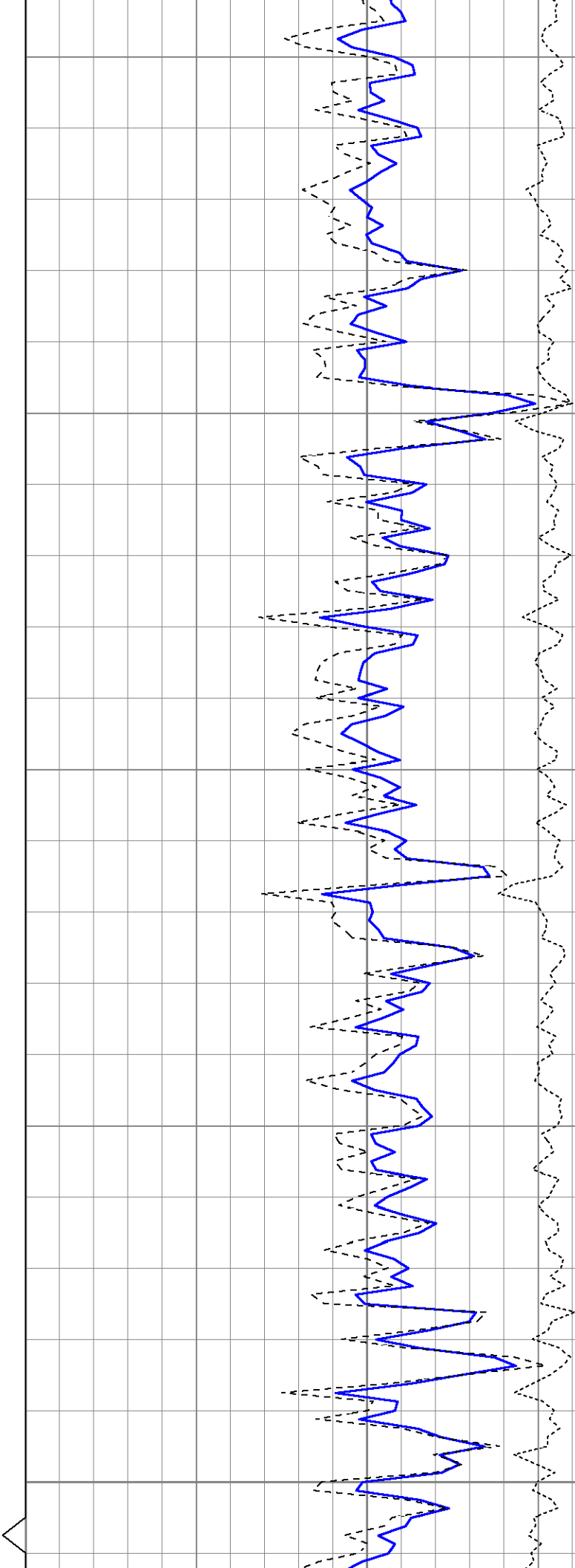
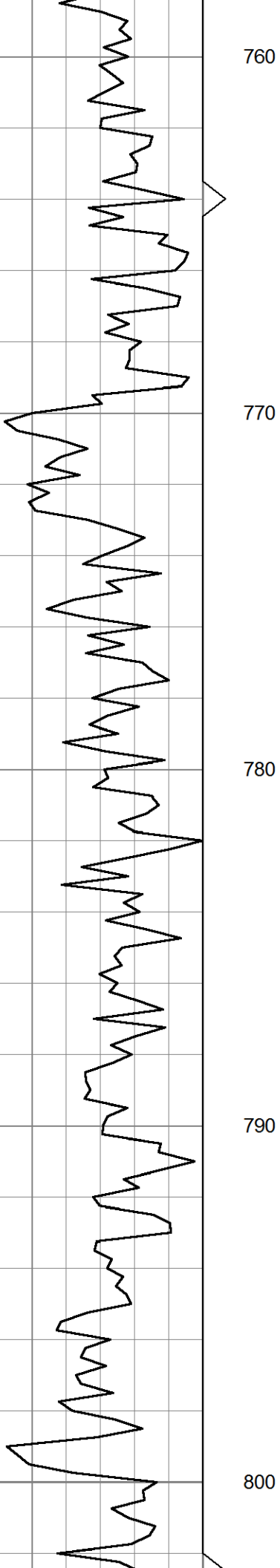
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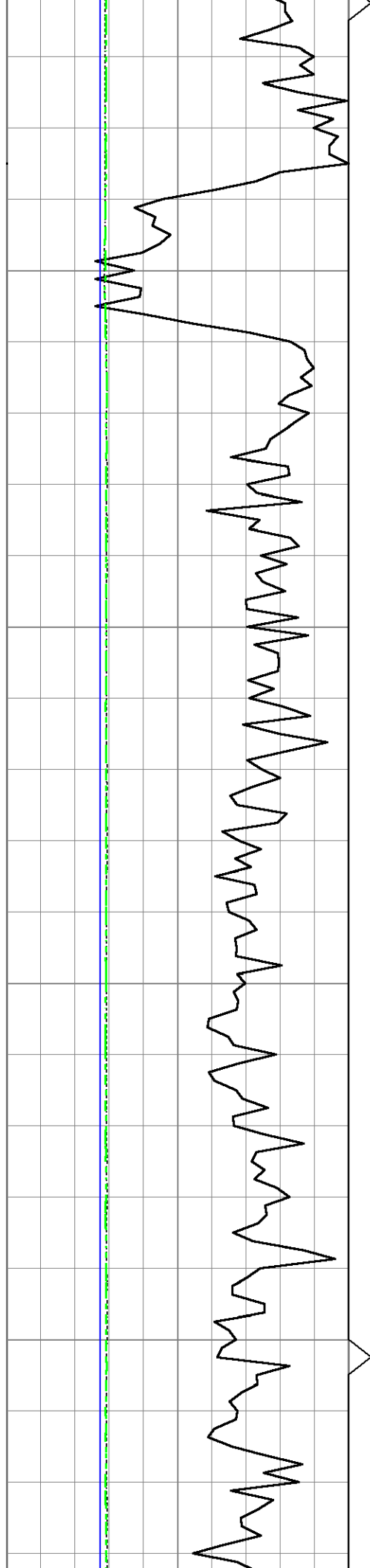
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750





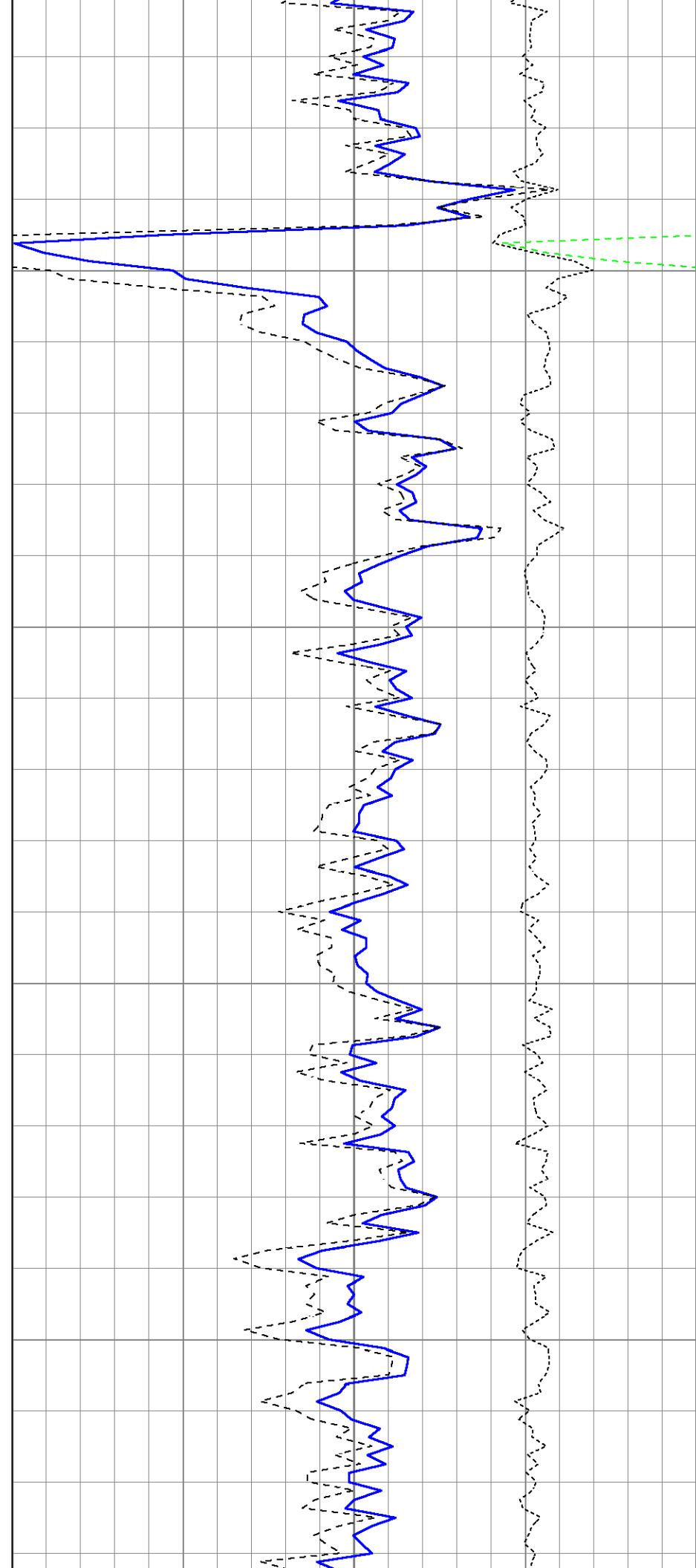


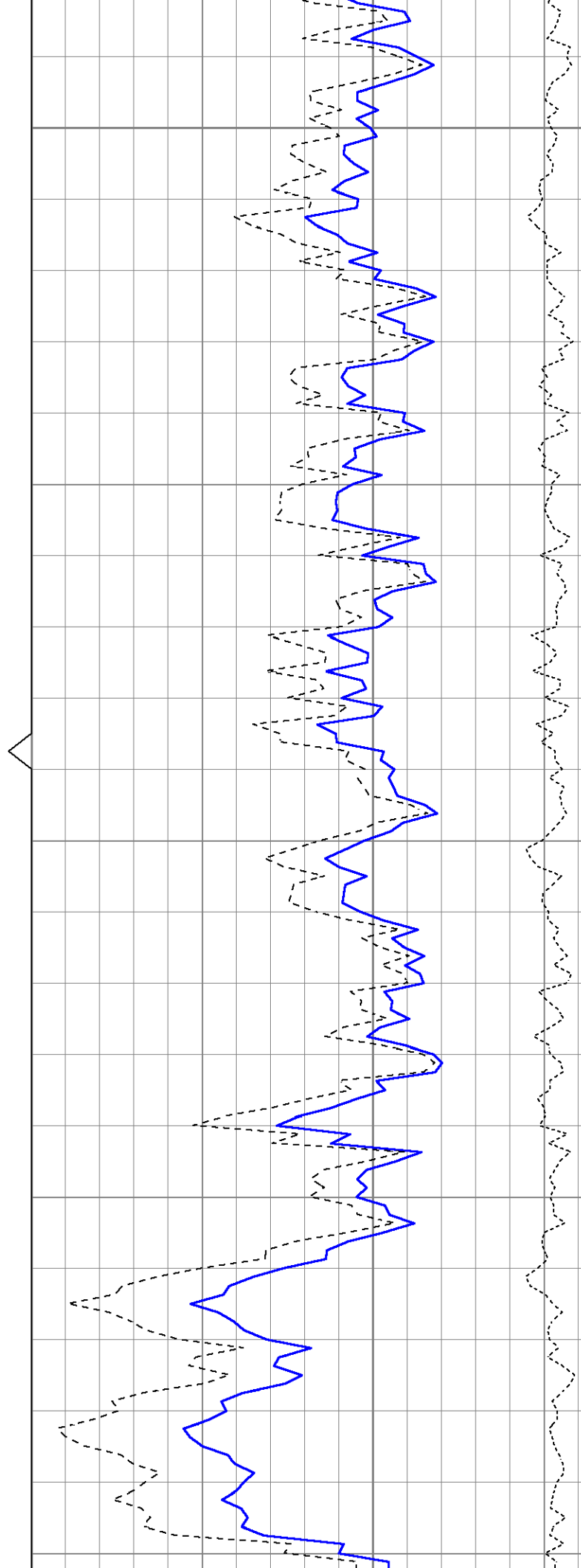
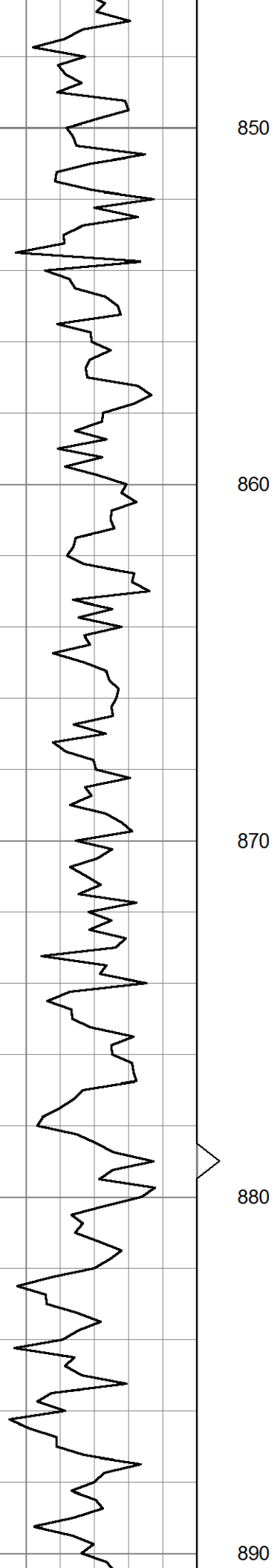
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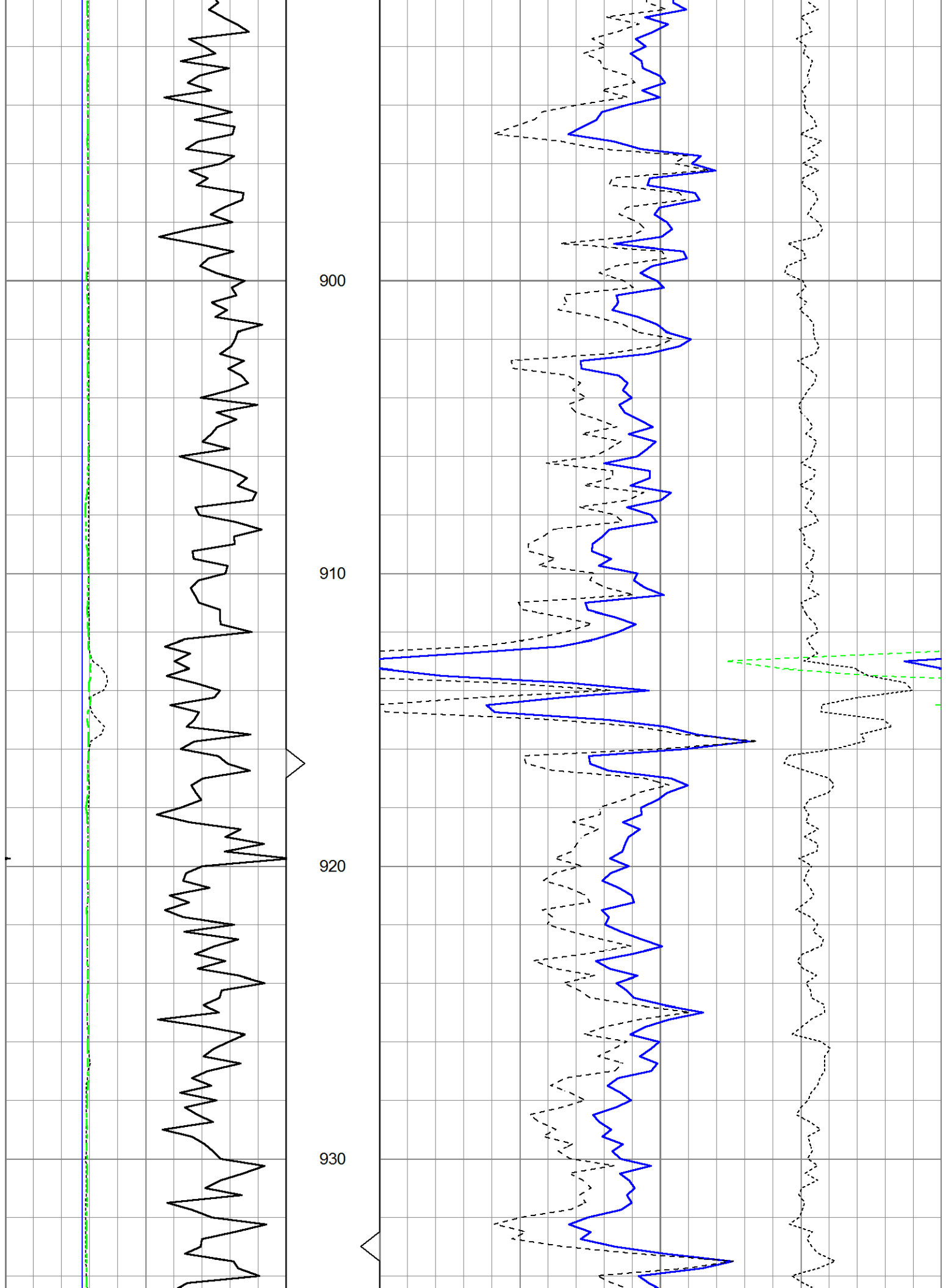
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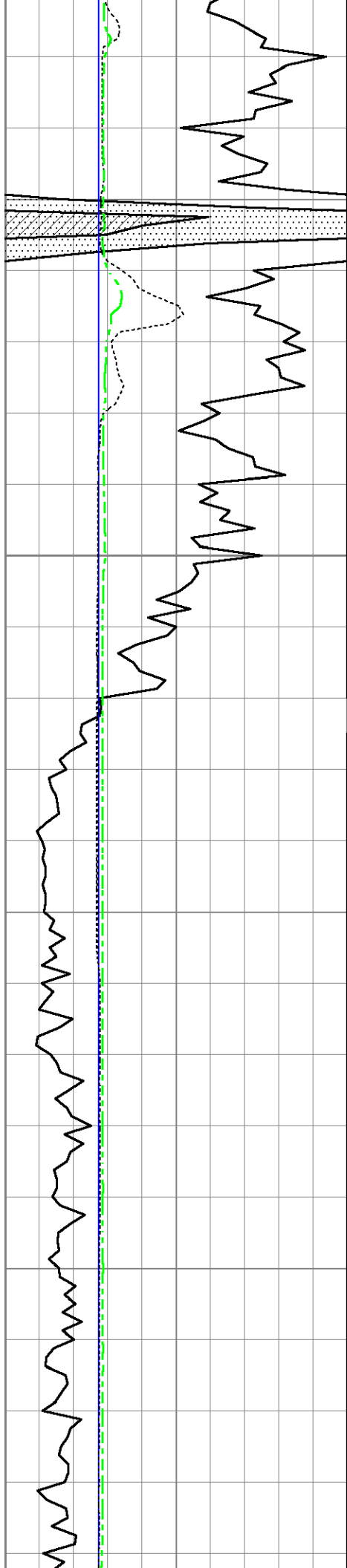
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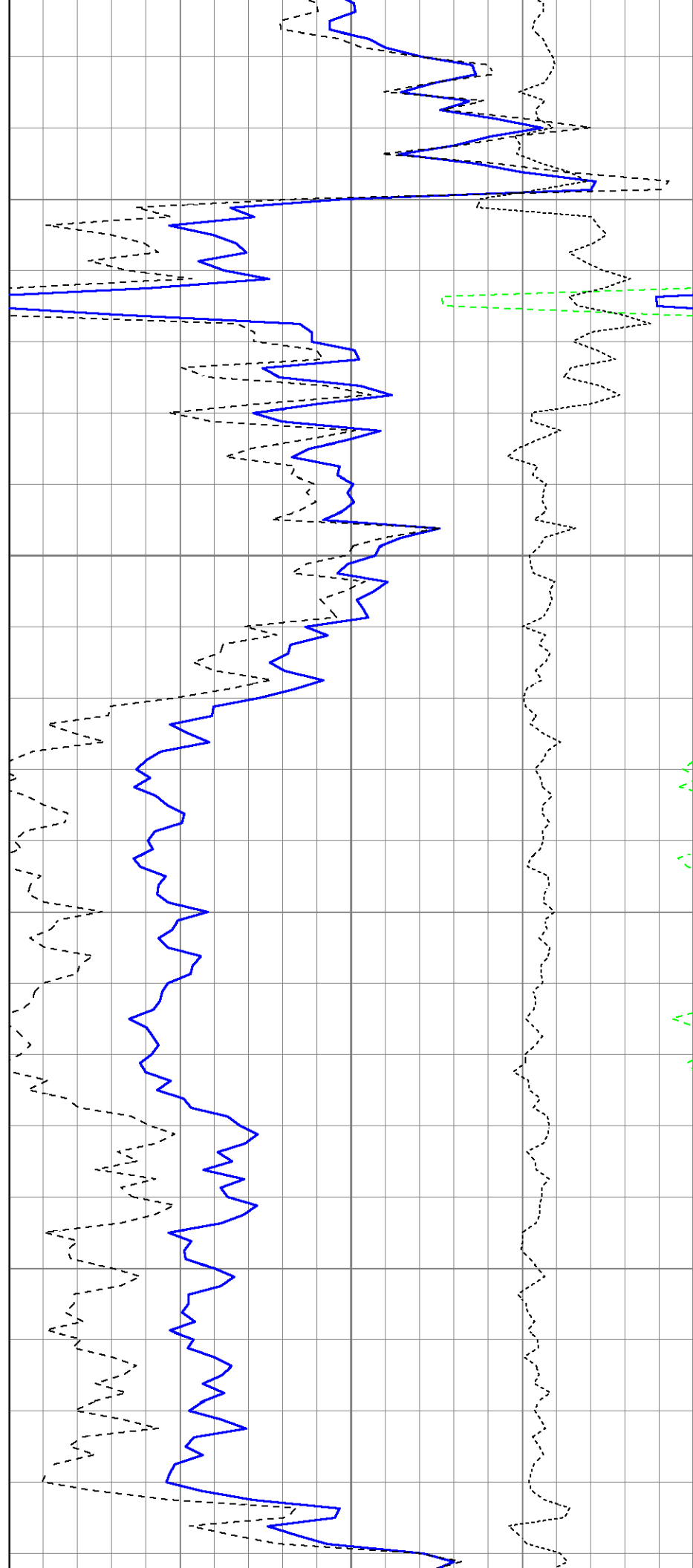


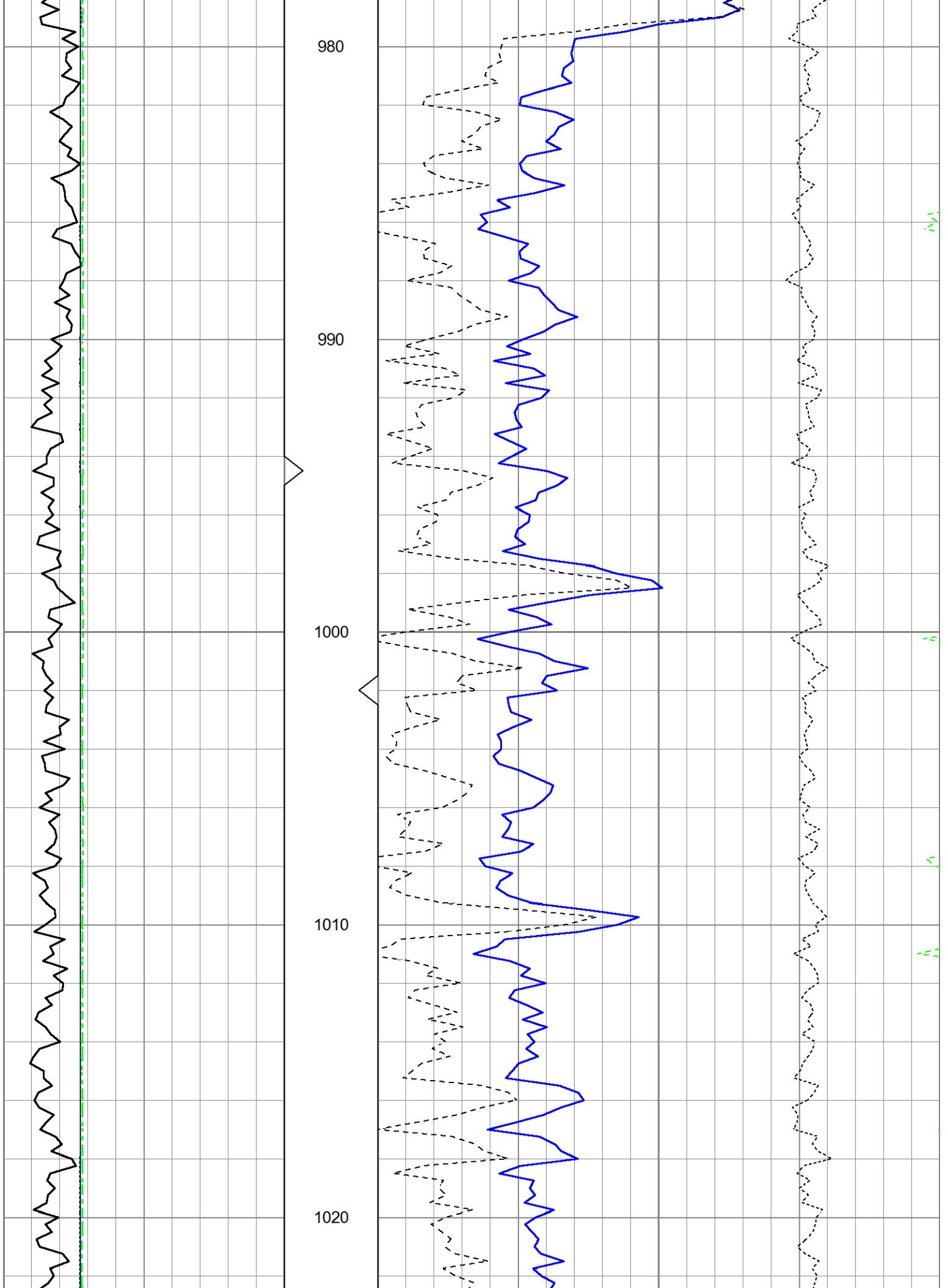
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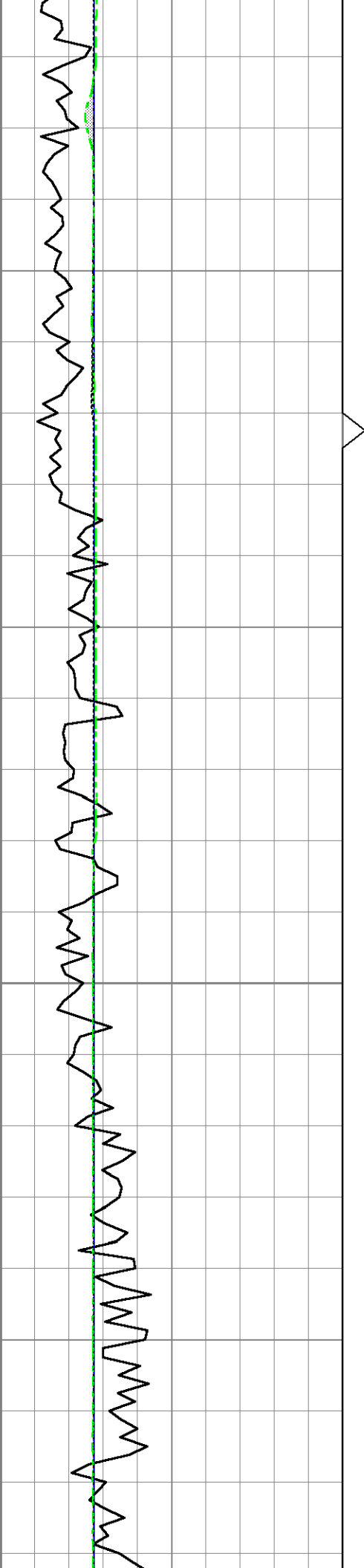
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960

970





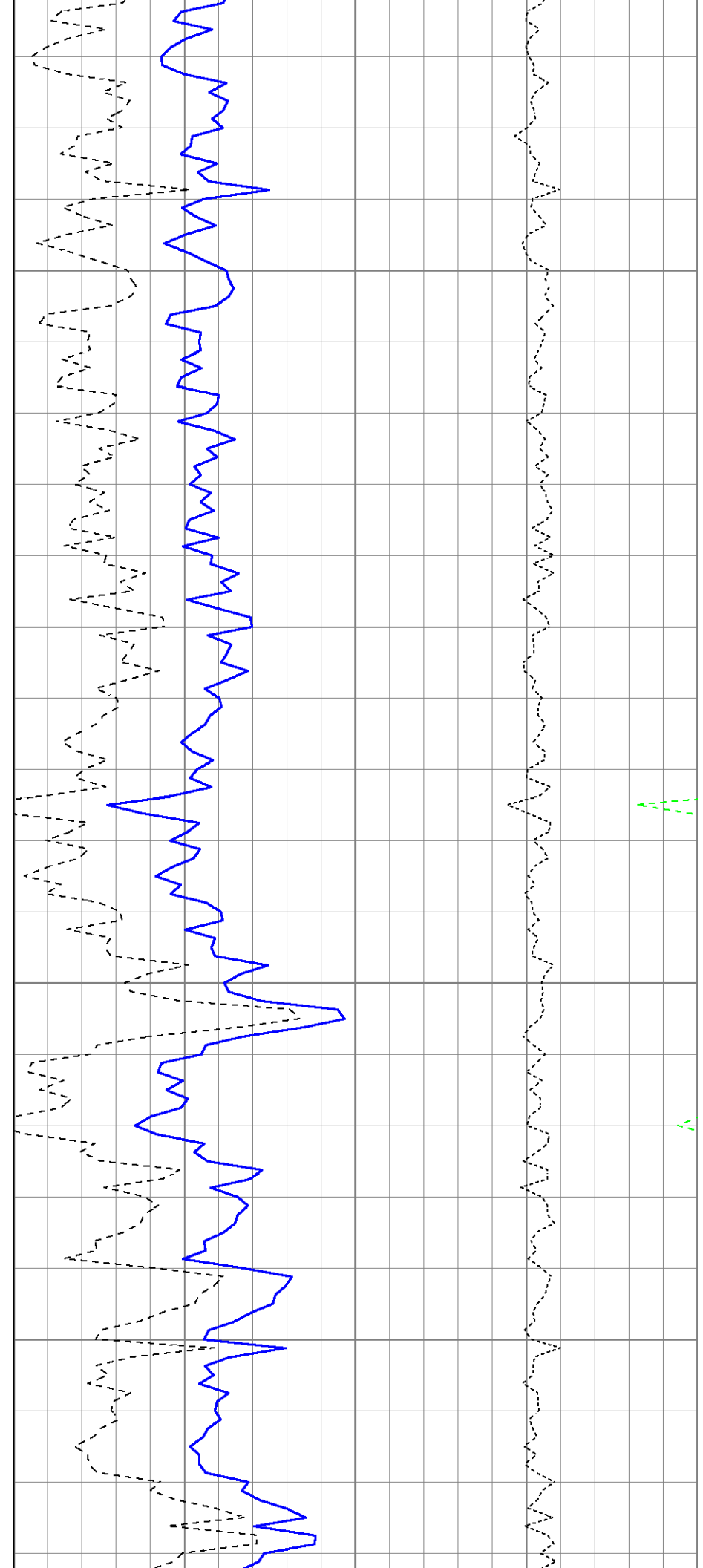


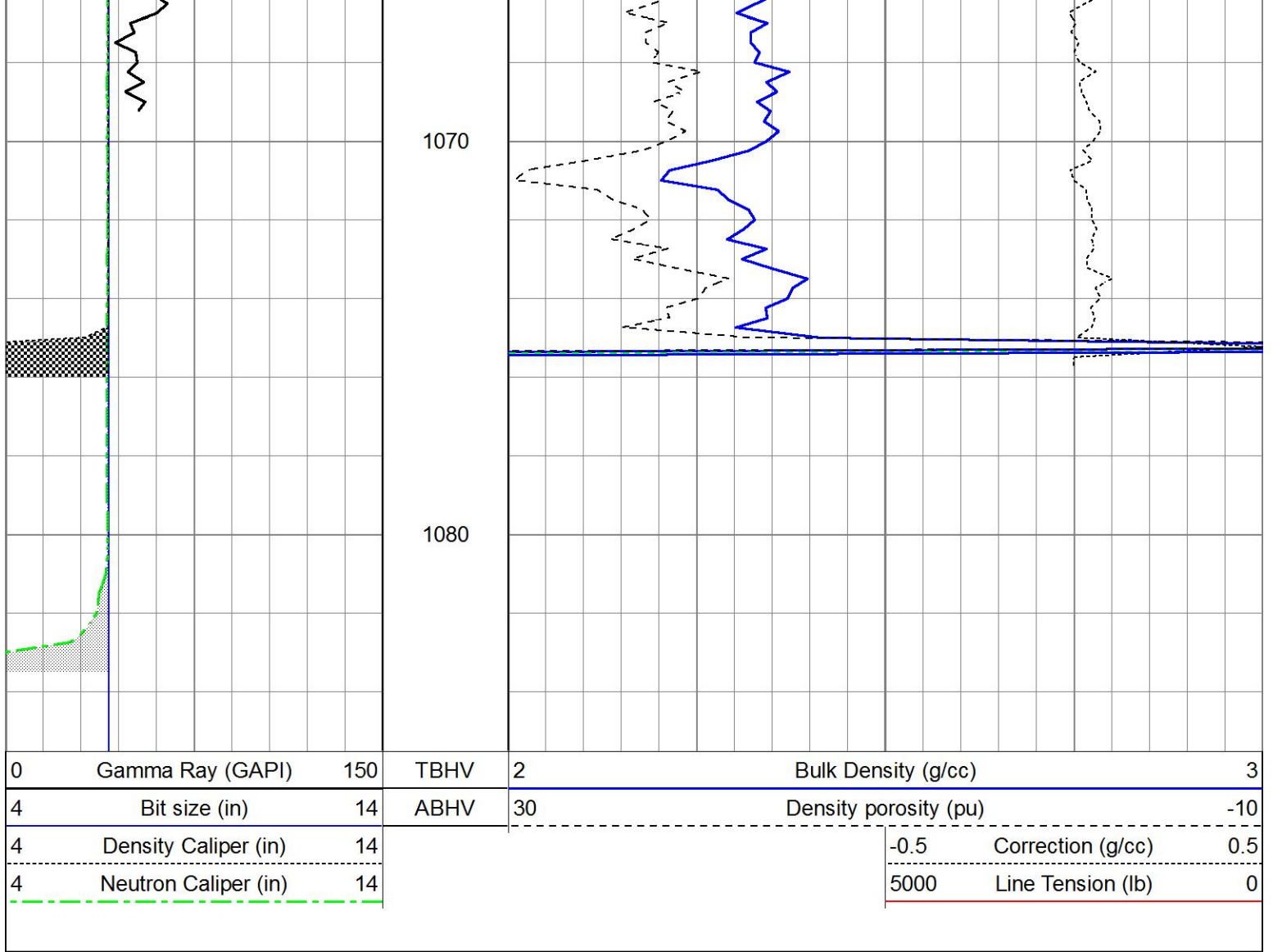
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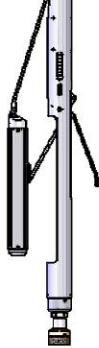
1050

1060





| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|--------|-------------|-----------|---|-------------|-----------|-------------|
| | | | Cable-CableHead Isulation Sub | 1.42 | 3.00 | 20.00 |
| GR | 15.60 | | Gamma-Oilex2122 (2122) Gamma Ray Section | 2.83 | 3.50 | 75.00 |
| LSD | 10.22 | | Density-Oilex2122 (2122) Density Section | 6.08 | 4.00 | 200.00 |
| DCAL | 9.94 | | | | | |
| SSD | 9.76 | | | | | |

| | | | | | | |
|--|----------------------|---|---|------|------|--------|
| SCAL SWN NEU | 2.54 2.15 2.15 |  | Neutron-Sidewall3015 (3015) Sidewall Neutron Section | 7.81 | 4.00 | 150.00 |
| Dataset: ow1-8638 colt energy.db: field/well/CDL/pass1 Total length: 18.15 ft Total weight: 445.00 lb O.D.: 4.00 in | | | | | | |