

| <div><div><div></div><div>BAKER HUGHES</div></div></div> |          |                   |           | Realtime Log   |                  |                                 |  |
|--|----------|-------------------|-----------|--|------------------|---------------------------------|--|
|  |          |                   |           | Natural Formation Evaluation<br>Gamma Ray                                      |                  |                                 |  |
| Scale: 1:240<br>MEASURED DEPTH                           |          |                   |           | Company: Kerr-McGee Oil & Gas Onshore L  |                  |                                 |  |
| Status: Final Print                                      |          |                   |           | Well: Hansen State 1N-36HZ   |                  |                                 |  |
| API Number: 051233919400                                 |          |                   |           | Field: Weld County (Kerr-McGee)  |                  |                                 |  |
| Permanent Datum (P.D.): Mean Sea Level                   |          |                   |           | Region: Continental US   |                  | State : Colorado                |  |
| Log Measured From: Kelly Bushing                         |          |                   |           | Surface Location: Latitude: 40° 11' 15.846" N<br>Longitude: 104° 58' 37.790" W |                  | Other Services: Directional VSS |  |
| Depth Reference: Driller's Depth                         |          |                   |           | Section: 35  |                  | TWN: 3N Range 68E               |  |
| Interval Logged  |          |                   |           | Dates  |                  | Magnetic Field Reference        |  |
| Top: 6538 ft. Date From: 31/Oct/14                       |          |                   |           | Dip Angle: 66.83 °   |                  | Azi Reference North: True       |  |
| Bottom: 16711 ft. Date To: 08/Oct/15                     |          |                   |           | Total  |                  | Mag to Reference                |  |
| Spud Date: 31/Oct/14                                     |          |                   |           | Field Strength: 52644.0 nT   |                  | North Correction: 8.66 °        |  |
| Borehole Record  |          |                   |           | Casing Record  |                  |                                 |  |
| Hole Size  | From     | To                | Size      | Weight   | From             | To                              |  |
| 8.750 in.  | 1133 ft. | 7500 ft.          | 9.625 in. | 36.00 lb/ft  | Surface          | 1123 ft.                        |  |
| 6.125 in.  | 7500 ft. | 16769 ft.         | 7.000 in. | 26.00 lb/ft  | Surface          | 7490 ft.                        |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
|  |          |                   |           |  |                  |                                 |  |
| Mud Record   |          |                   |           | Deviation Record   |                  |                                 |  |
| Type   | From     | To                | Hole Size | Interval   | Inc / Az (Start) | Inc / Az (End)                  |  |
| Water Based  | 1133 ft. | 14769 ft.         | 8.750 in. | 6367 ft.   | 0.5 / 238.1 °    | 80.5 ° / 84.0 °                 |  |
|  |          |                   | 6.125 in. | 9269 ft.   | 91.1 ° / 89.3 °  | 92.0 ° / 84.6 °                 |  |
|  |          |                   |           |  | /                | /                               |  |
|  |          |                   |           |  | /                | /                               |  |
|  |          |                   |           |  | /                | /                               |  |
|  |          |                   |           |  | /                | /                               |  |
| Acquisition System Software Version                      |          |                   |           | Other  |                  |                                 |  |
| Advantage  | 2.20U4   | Rig / Contractor: | Xtreme 24 | / Xtreme Drilling  |                  |                                 |  |
| PATS   | 6.4.1.34 | Job No:           | 6689561   |  |                  |                                 |  |
|  |          | District / Unit:  | RMD       | / D & E  |                  |                                 |  |

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| Log Run Summary |     |     |       |      |        |           |                 |        |                    |       |             |       |             |       |        |
|-----------------|-----|-----|-------|------|--------|-----------|-----------------|--------|--------------------|-------|-------------|-------|-------------|-------|--------|
| LWD             | BHA | Bit | Bit   | Bit  | Bit    | Assembly  | Logged Interval |        | Bit Depth Interval |       | Date / Time |       |             |       | Circ.  |
| Run             | Run | Run | Size  | Type | Gauge  | Type      | Top             | Bottom | From               | To    | Start       |       | End         |       | Time   |
| No.             | No. | No. | (in.) |      | Length |           | (ft.)           | (ft.)  | (ft.)              | (ft.) |             |       |             |       | (hrs.) |
| 1               | 1   | 1   | 8.750 | PDC  | 3.000  | Steerable | 6538            | 7441   | 1133               | 7500  | 31/Oct/2014 | 15:30 | 02/Nov/2014 | 08:30 | 27.1   |
| 2               | 2   | 2   | 6.125 | PDC  | 3.000  | Steerable | 7441            | 6711   | 7500               | 16769 | 03/Nov/2014 | 08:30 | 08/Nov/2014 | 12:00 | 85.9   |

| Crew           |           |           |  |                    |           |           |  |             |           |           |
|----------------|-----------|-----------|--|--------------------|-----------|-----------|--|-------------|-----------|-----------|
| Name           | Arrive    | Depart    |  | Name               | Arrive    | Depart    |  | Name        | Arrive    | Depart    |
|                | Wellsite  | Wellsite  |  |                    | Wellsite  | Wellsite  |  |             | Wellsite  | Wellsite  |
| Andrew Overbey | 31/Oct/14 | 08/Nov/14 |  | Abdullah AlDossary | 31/Oct/14 | 08/Nov/14 |  | Adam Harris | 01/Nov/14 | 08/Nov/14 |
| Klye Ritter    | 31/Oct/14 | 01/Nov/14 |  | Dustin Zink        | 31/Oct/14 | 08/Nov/14 |  |             |           |           |

| Mnemonics |                                     |          |
|-----------|-------------------------------------|----------|
| Curve     | Description                         | Units    |
| GRAX      | Gamma Ray Apparent, 0.5 ft. Avg.    | API      |
| GRTX      | Gamma Ray Time Since Drilled        | Min.     |
| GRIX      | Gamma Ray Density, Points           | unitless |
| GRSI      | Gamma Ray Slide Indicator           | unitless |
| ROPA      | Rate of Penetration, 3.0 ft. Avg.   | Ft./Hr.  |
| TCDX      | Downhole Temperature                | Deg. F.  |
| TVD       | True Vertical Depth                 | Ft.      |
| WOBA      | Surface Weight on Bit, 1.0 ft. Avg. | K. lbs.  |

| Equipment and Service Data |      |               |             |                 |                |                |
|----------------------------|------|---------------|-------------|-----------------|----------------|----------------|
| LWD Run No.                | Tool | Serial Number | Measurement | Bit Offset (m.) | Max O.D. (in.) | Min I.D. (in.) |
| 1                          | DIR  | 12323378      | Directional | 60.39           | 6.750          | 2.938          |
| 1                          | SRIG | 11734848      | Gamma       | 57.01           | 6.750          | 2.938          |
| 2                          | DIR  | 13026213      | Directional | 59.85           | 4.750          | 2.250          |
| 2                          | SRIG | 12673191      | Gamma       | 56.47           | 4.750          | 2.250          |

| Service and Tool Mnemonics |                       |  |
|----------------------------|-----------------------|--|
| Mnemonic                   | Name                  | Description                                  |
| DIR                        | Directional           | Wellbore directional survey                  |
| SRIG                       | Inclination and Gamma | Probe based gamma ray and inclination module |

| Comments   |
|--|
| <p>(1) Baker Hughes INTEQ run 1 utilized 6 3/4 inch NaviGamma services (Gamma Ray and Directional) behind an 8 3/4 inch bit and steerable assembly from 1133 to 7500 ft MD (1133 to 7144 ft TVD).</p> <p>(2) Baker Hughes INTEQ run 2 utilized 4 3/4 inch NaviGamma services (Gamma Ray and Directional) behind a 6 3/4 inch bit and steerable assembly from 7500 to 16769 ft MD (7144 to 7194 ft TVD).</p> <p>(3) Depth measurements obtained from a depth control system not supplied or operated by Baker Hughes. Due to the lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.</p> <p>(4) A sliding indicator is shown to the left side of track 1 as a heavy line and corresponds to the Gamma Ray sensor offset from the bit.</p> |

| Remarks |                      |                    |             |  |
|---------|----------------------|--------------------|-------------|--|
| Number  | Measured Depth (ft.) | Hole Section (in.) | LWD Run No. | Remark   |
| 1       | 6538                 | 8.750              | 1           | Began logging Gamma from the top of the build section at 6600 ft MD (6568 ft TVD).   |
| 2       | 7421                 | 8.750              | 1           | The interval from 7421 to 7500 ft MD (7134 to 7144 ft TVD) was logged up to 18 hours after tripping out of hole to pick up a slick lateral assembly for run 2. |
| 3       | 14440                | 6.125              | 2           | The interval from 14440 to 14490 ft MD (7190 to 7189 ft TVD) has no gamma logged due to bad decode cause by dwnhole drilling                                   |

dynamics.

4

16711

6.125

2

The interval from 16711 to 16769 ft MD (7197 to 7194 ft TVD) has no gamma logged due to sensor offset from bit at TD.

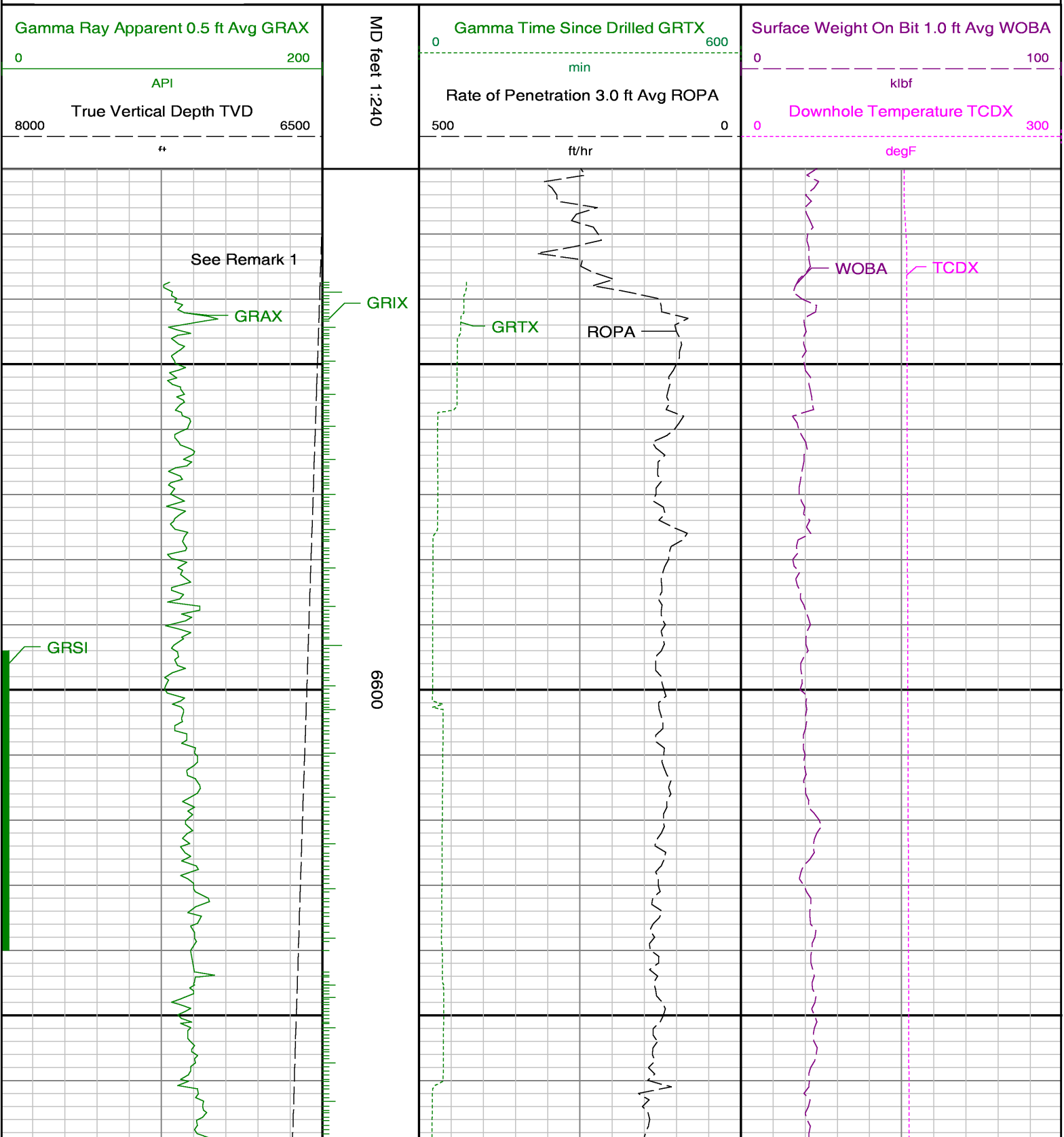


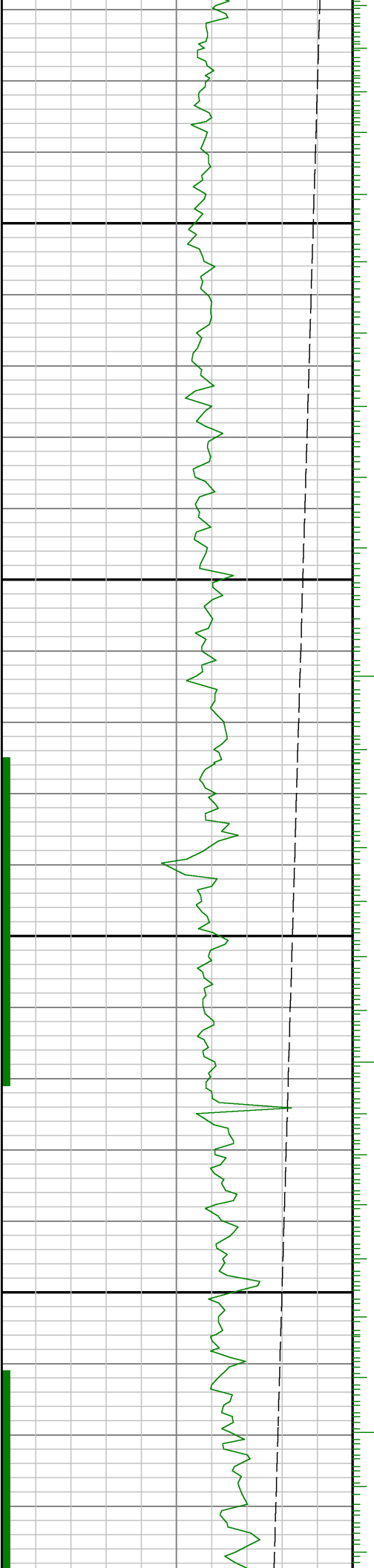
Company : Kerr-McGee Oil & Gas Onshore L

Well : Hansen State 1N-36HZ

Interval : 6520.00 - 16775.00 feet

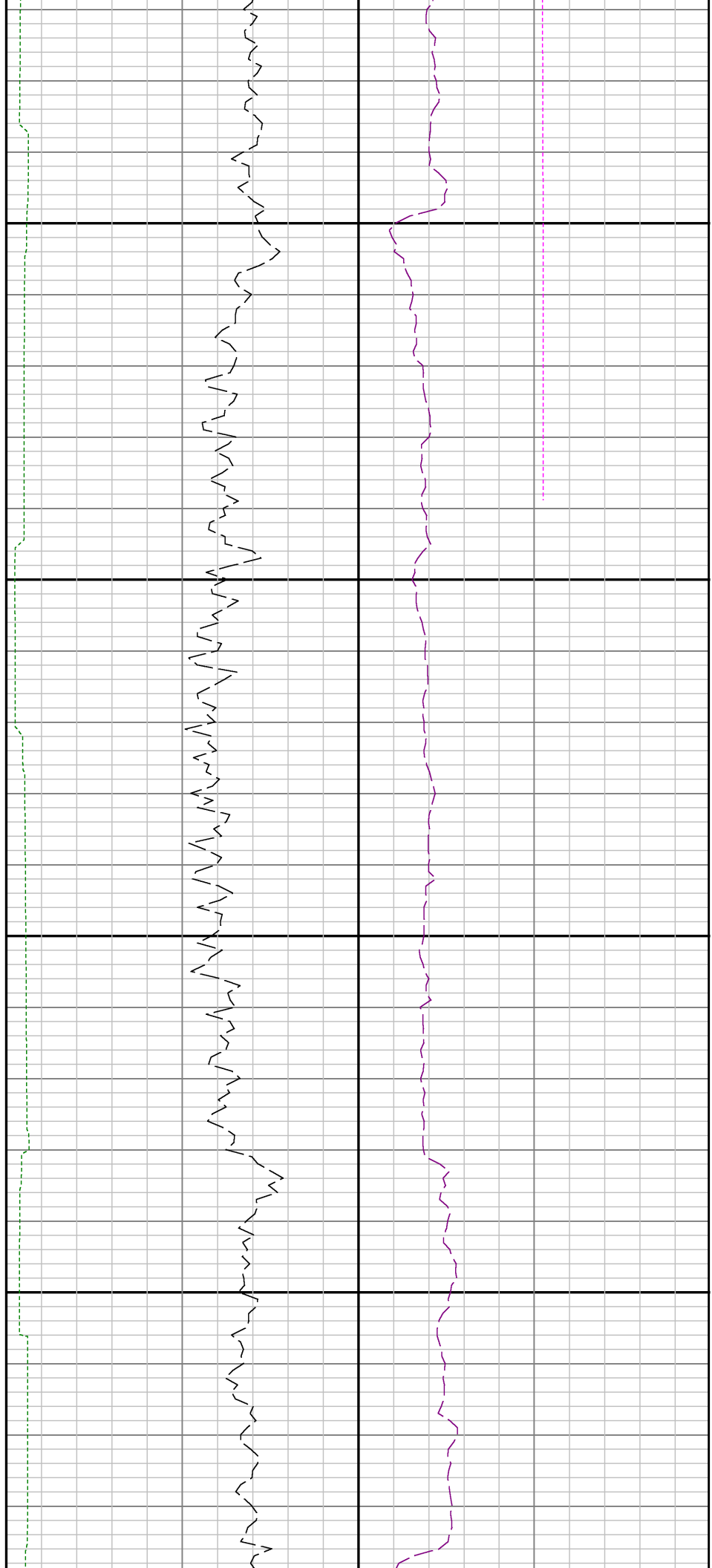
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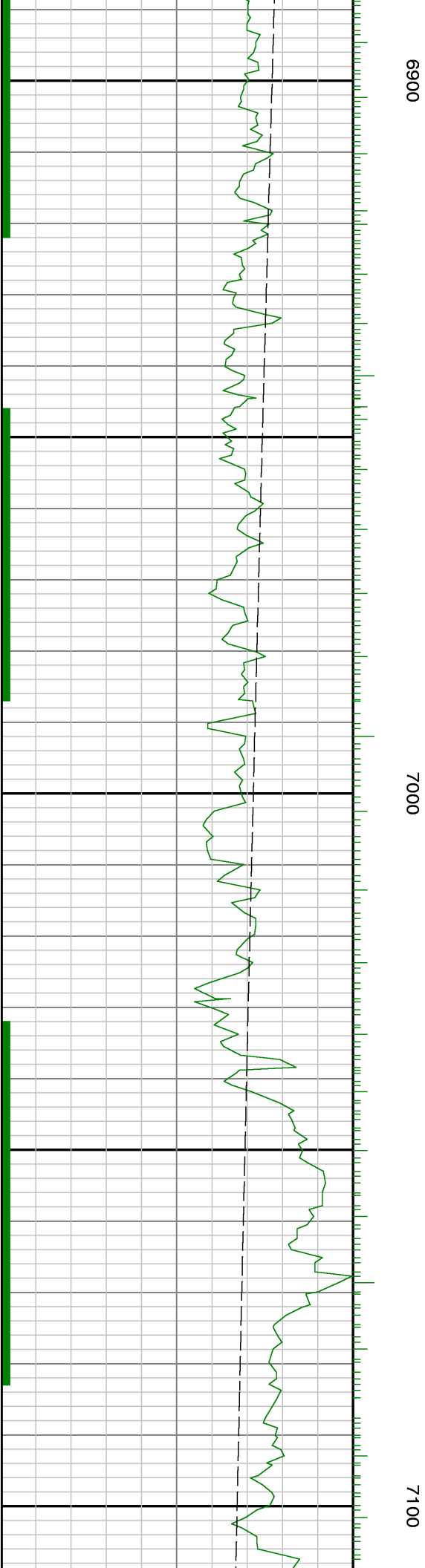
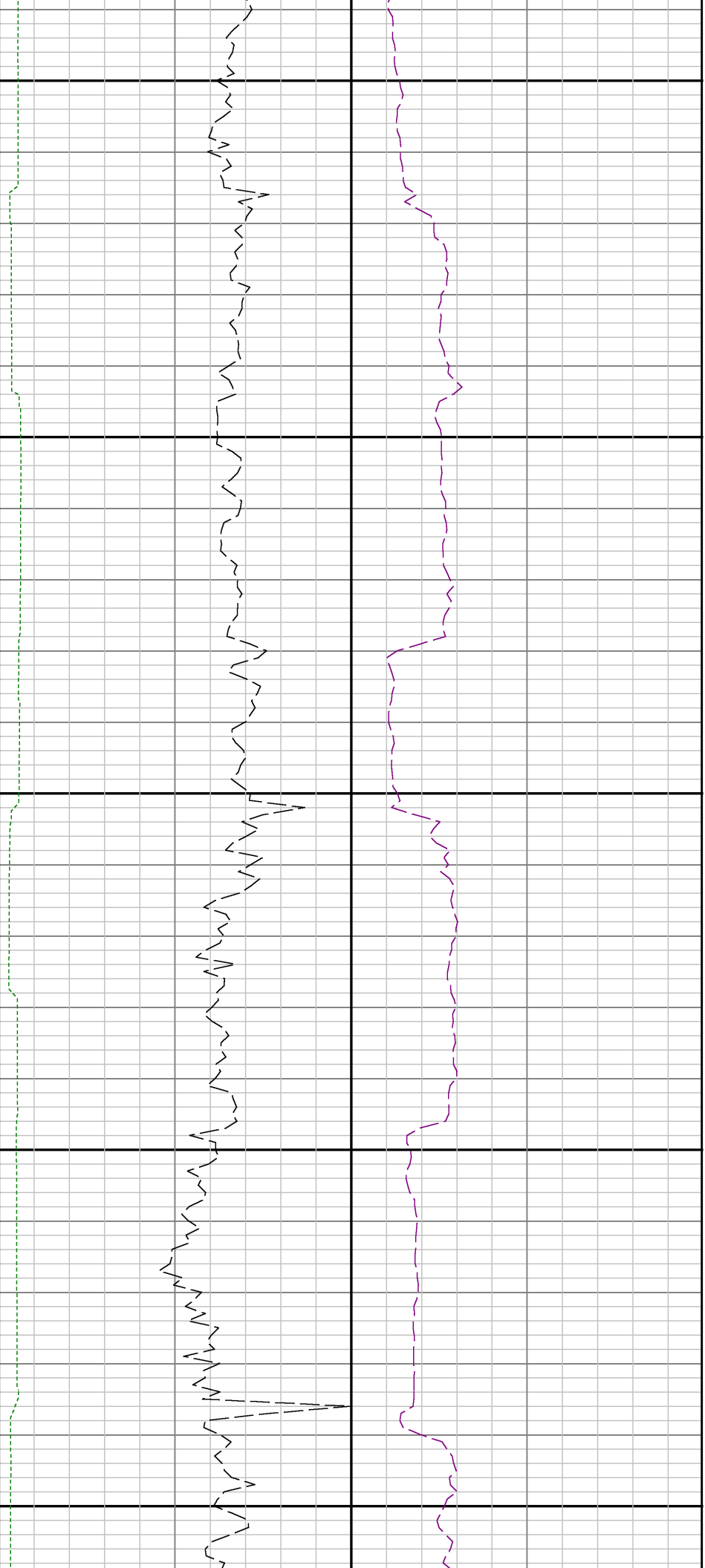


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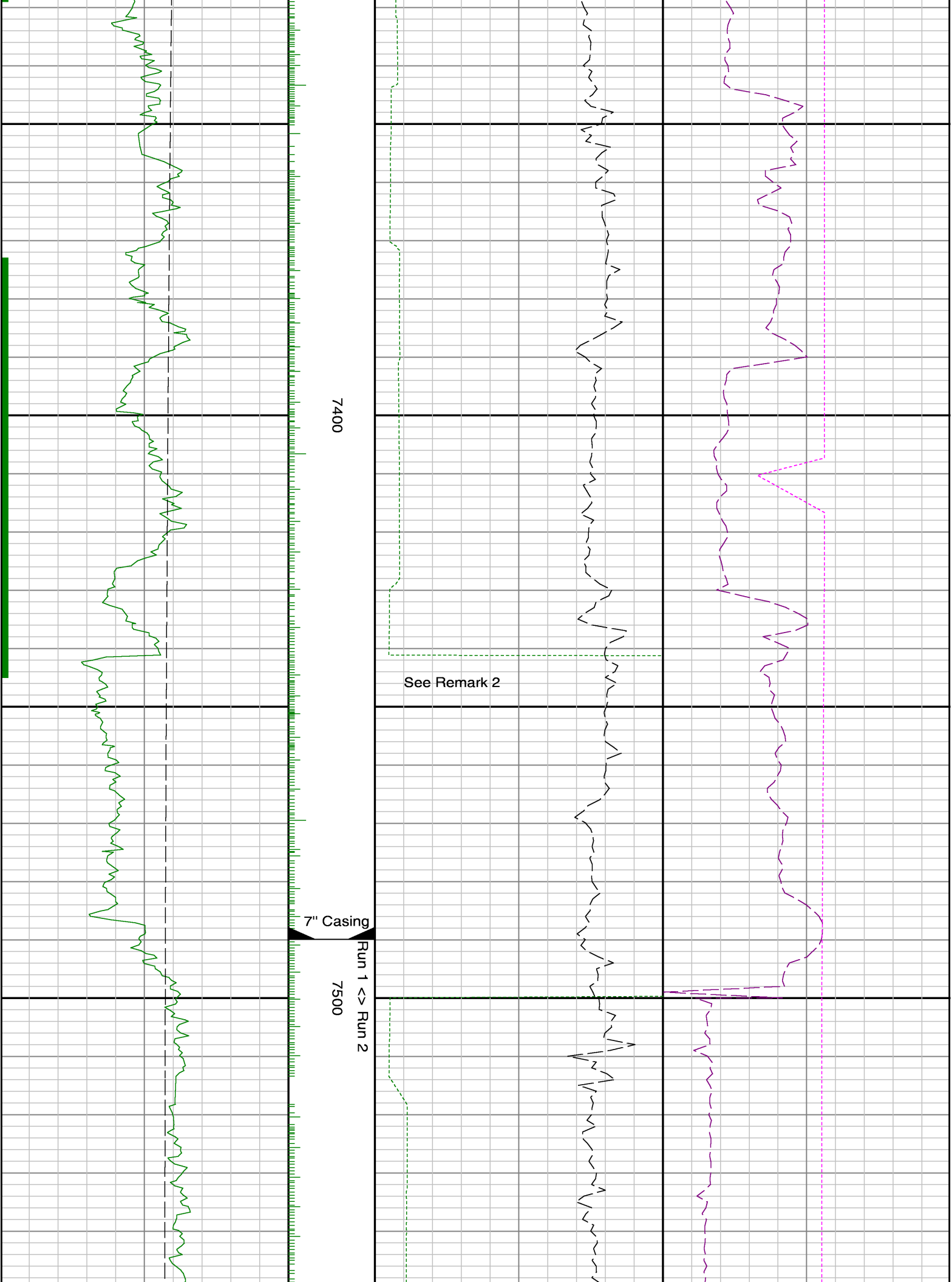
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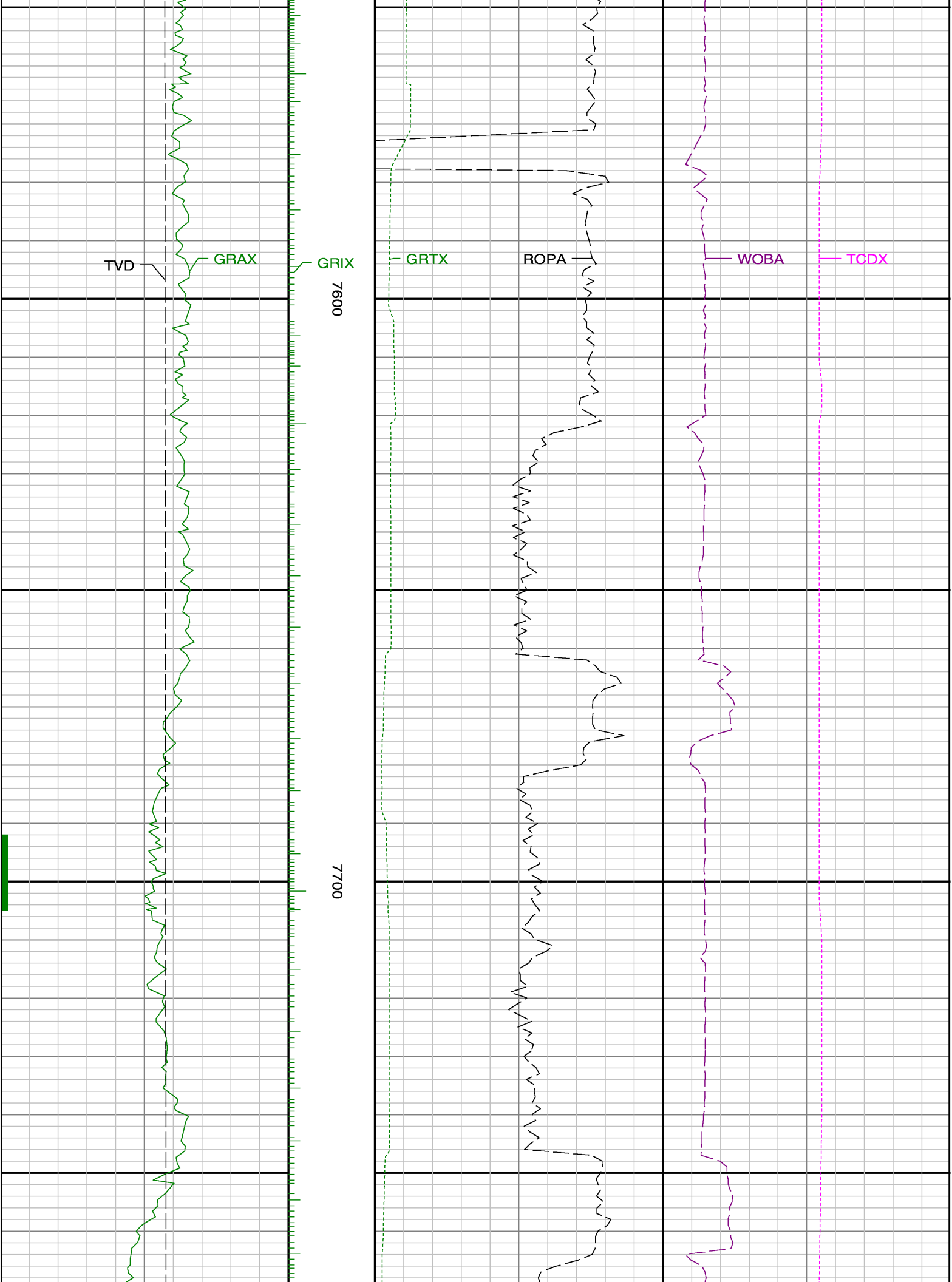


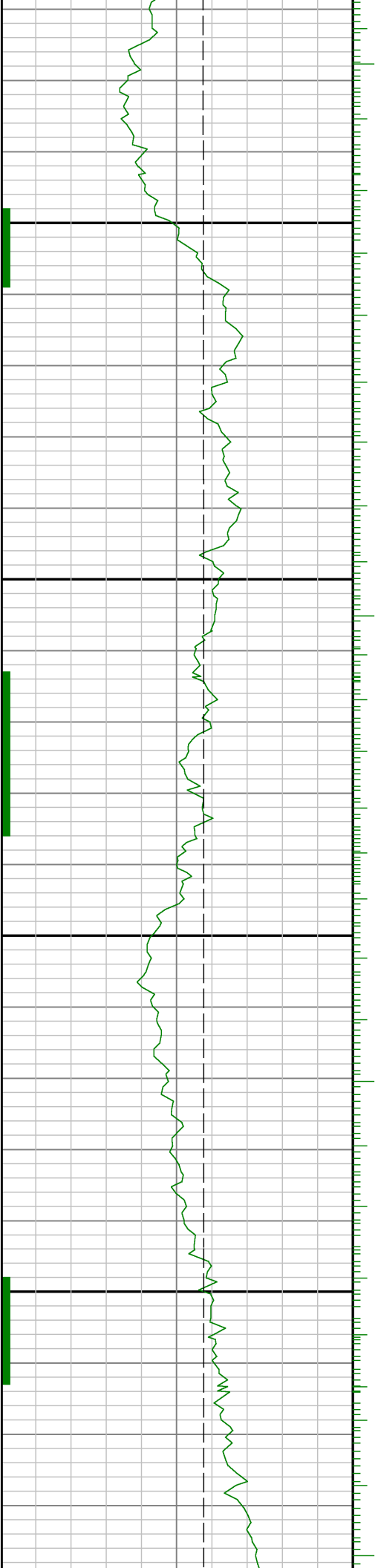








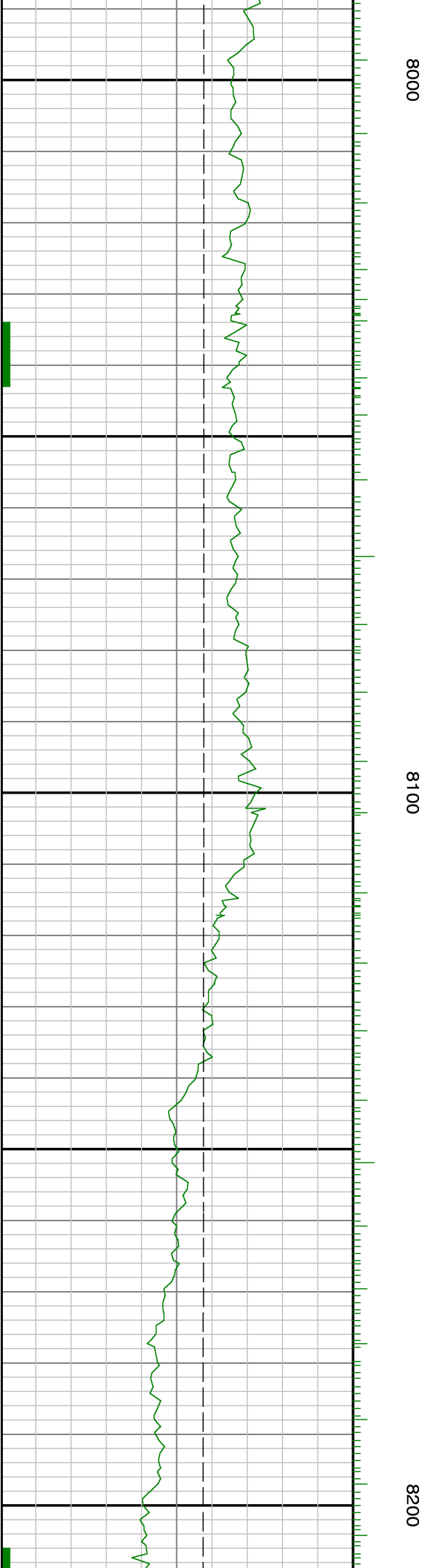
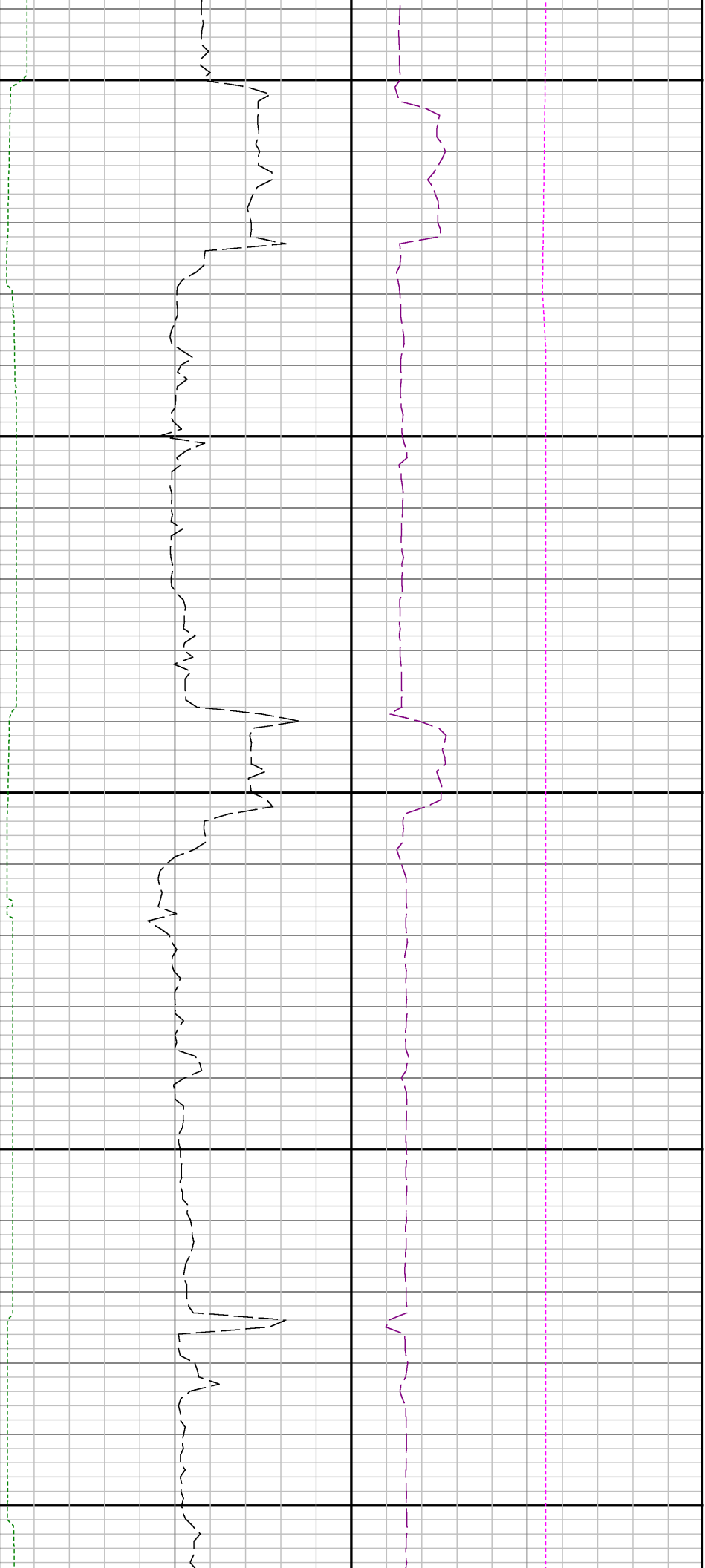




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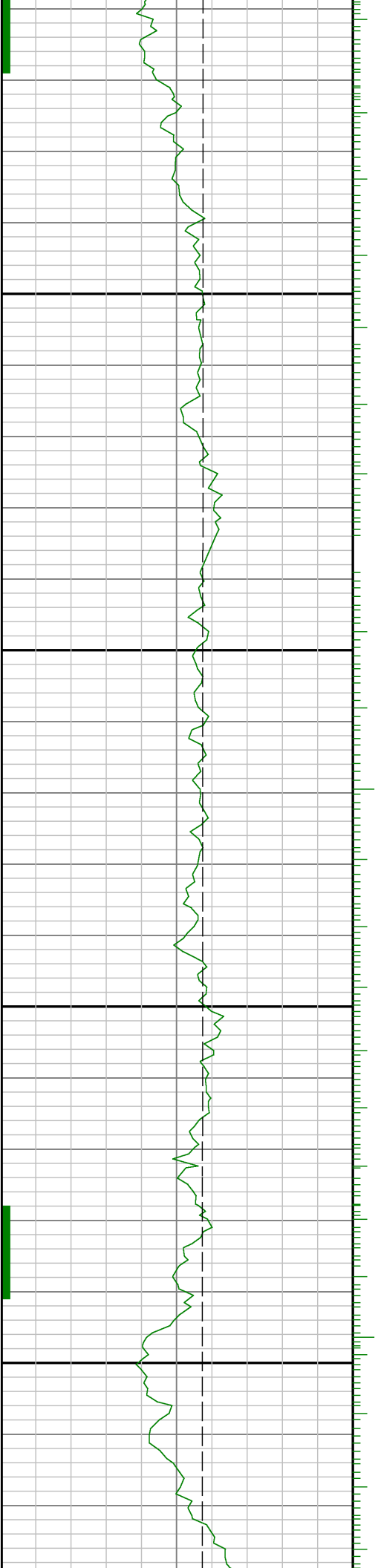


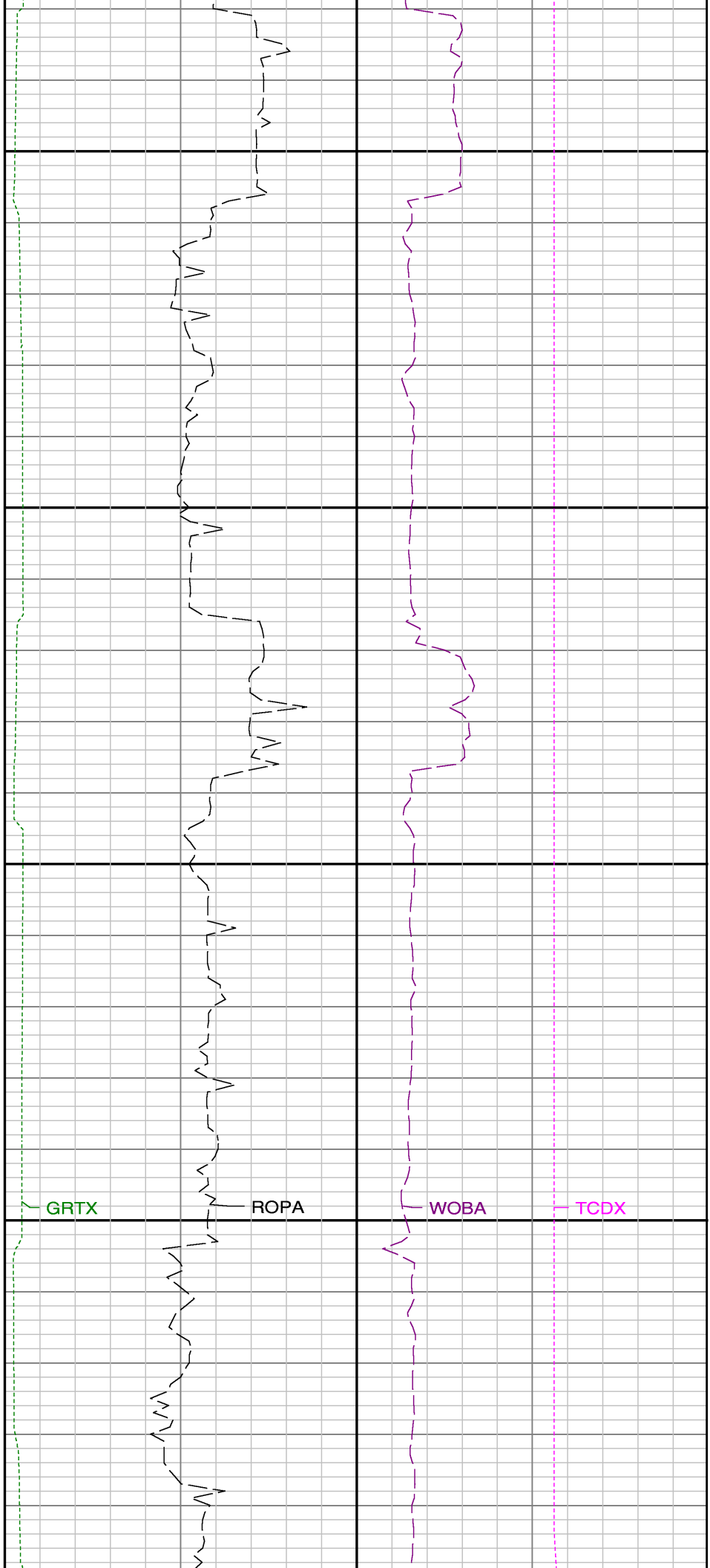
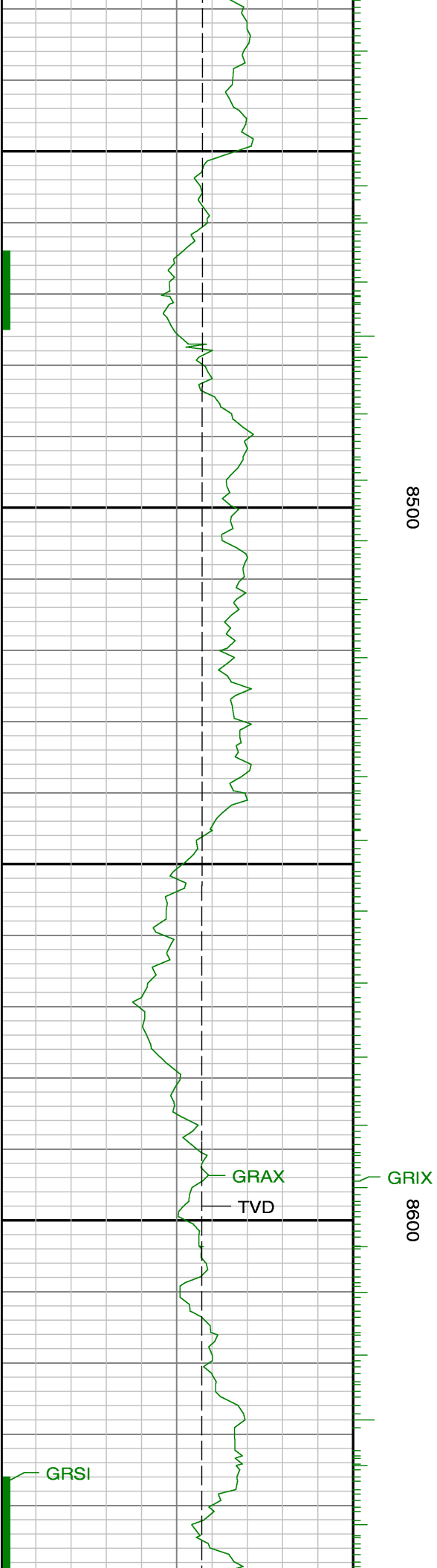




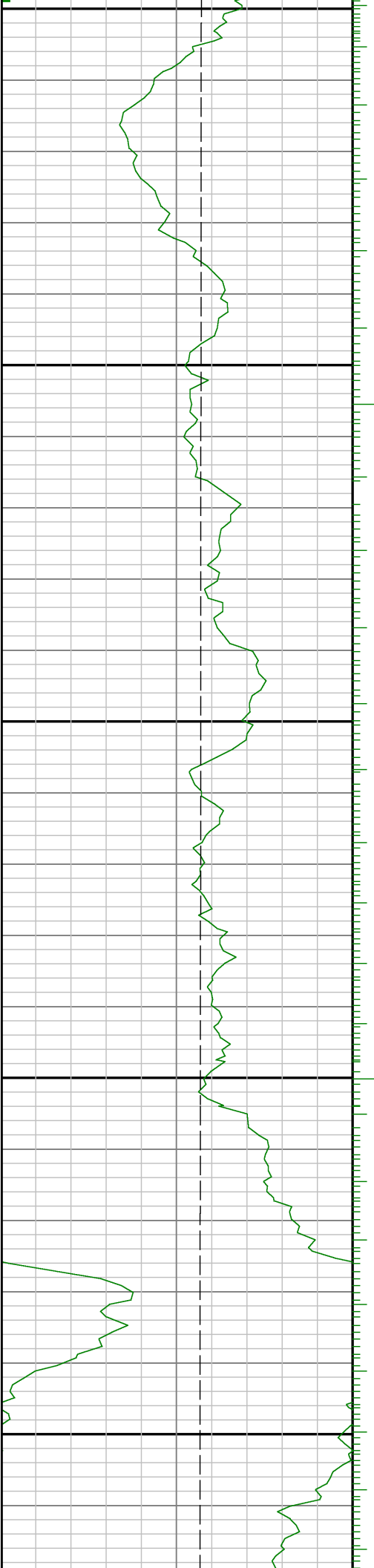
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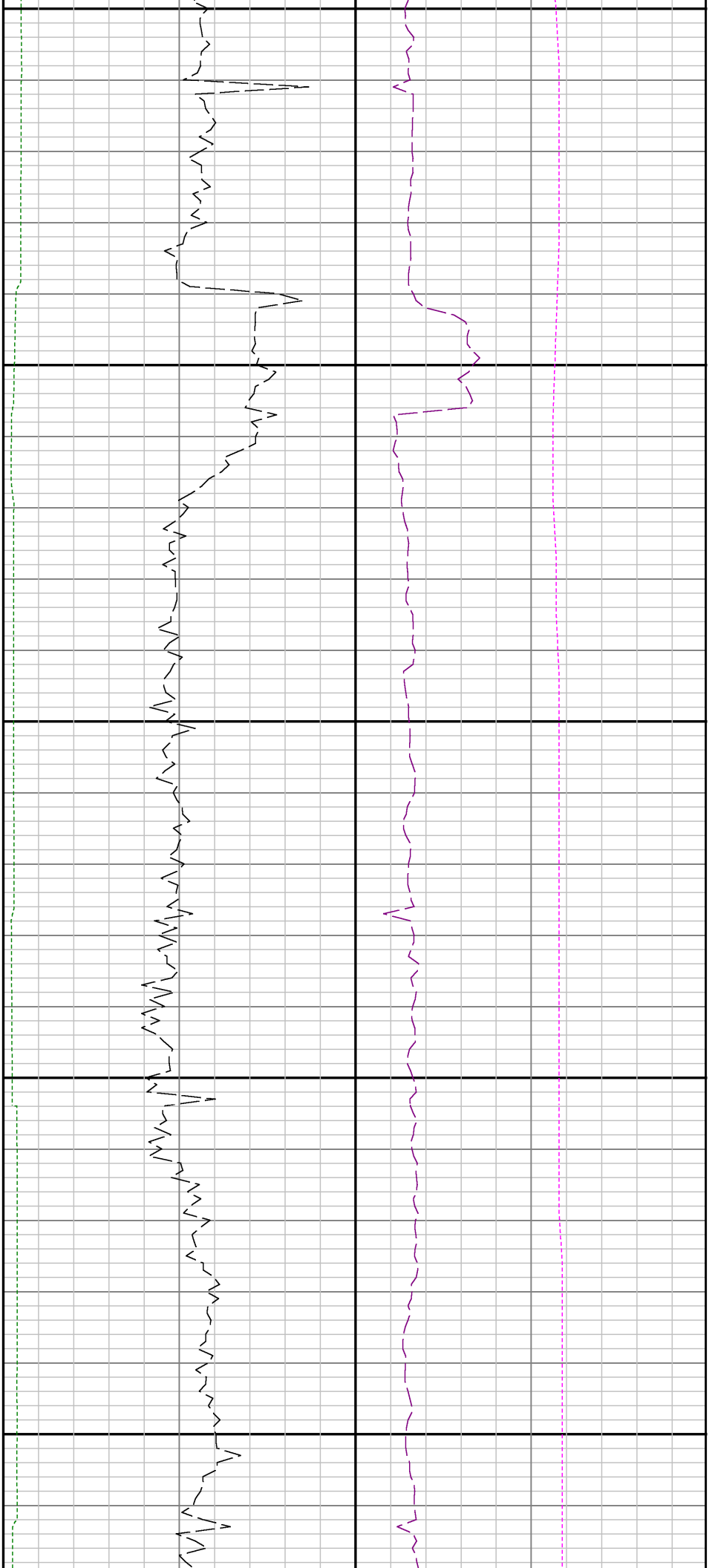


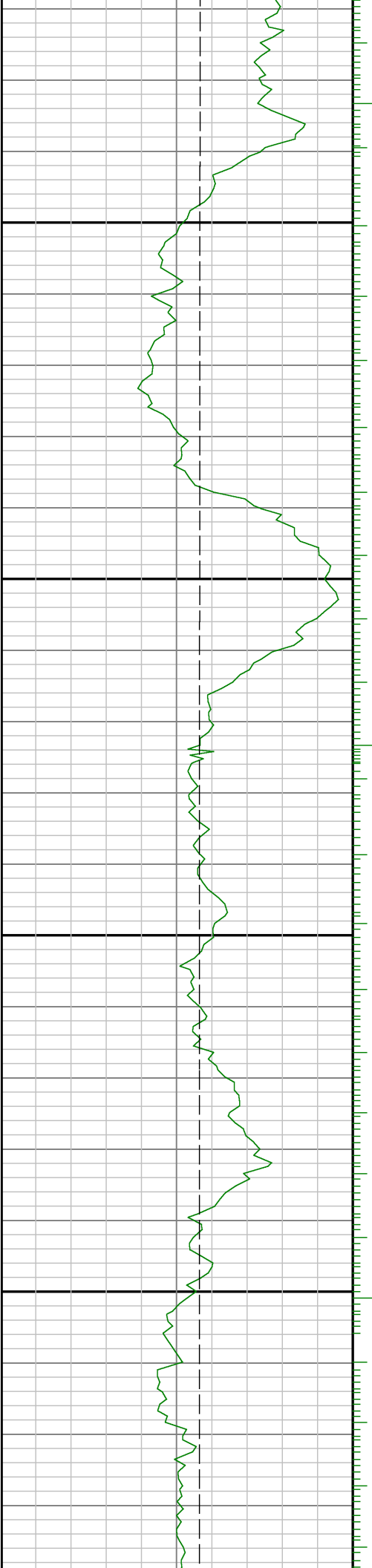




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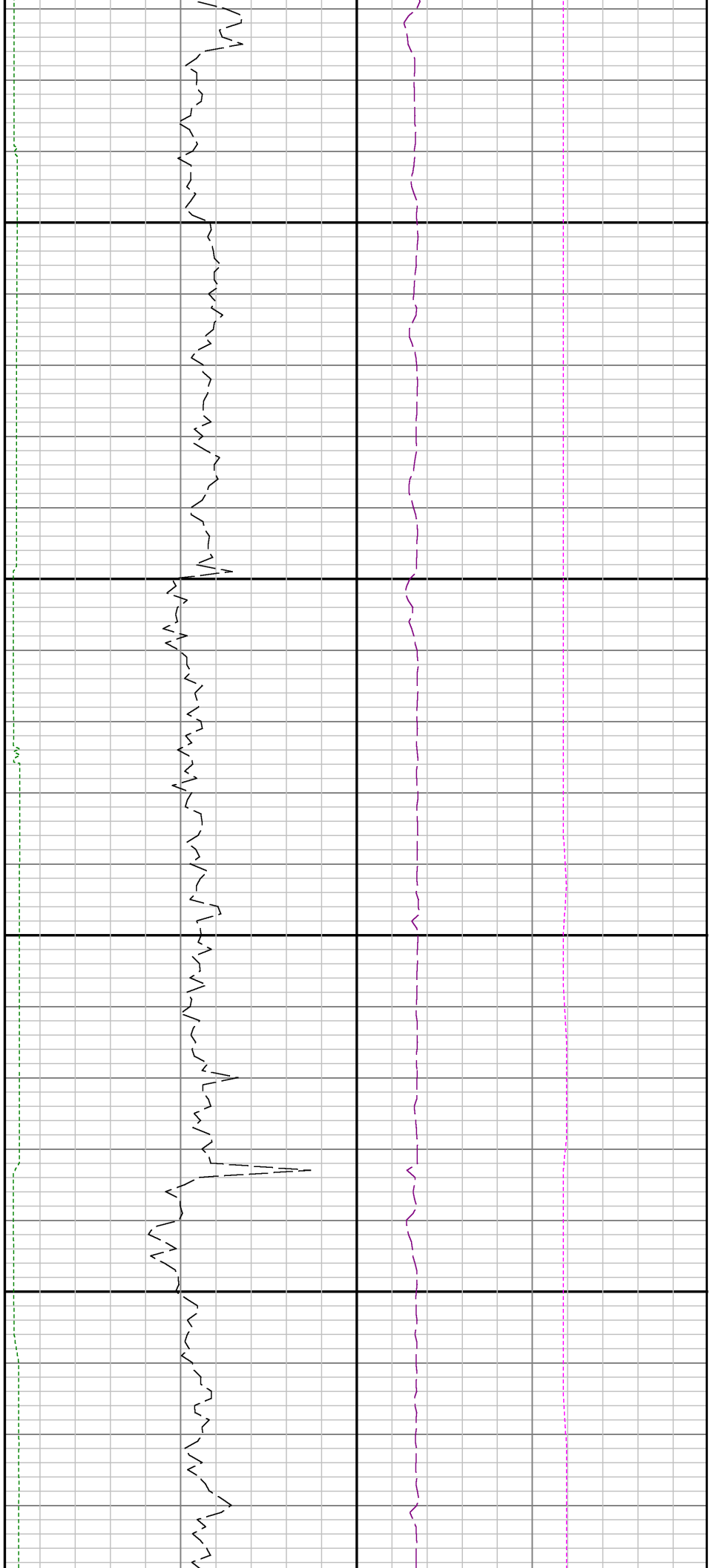
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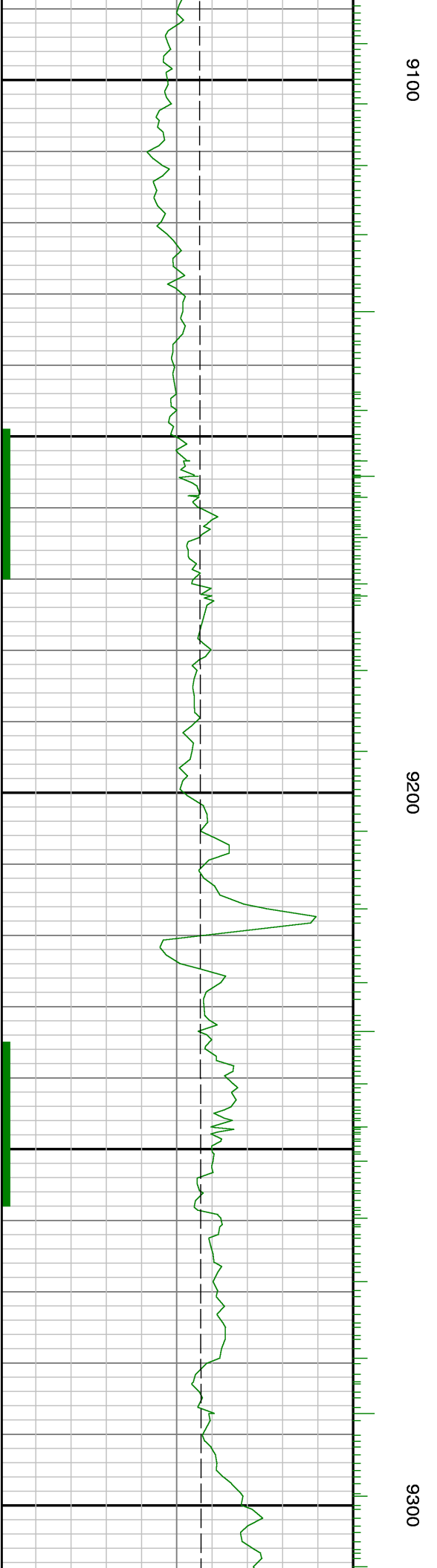
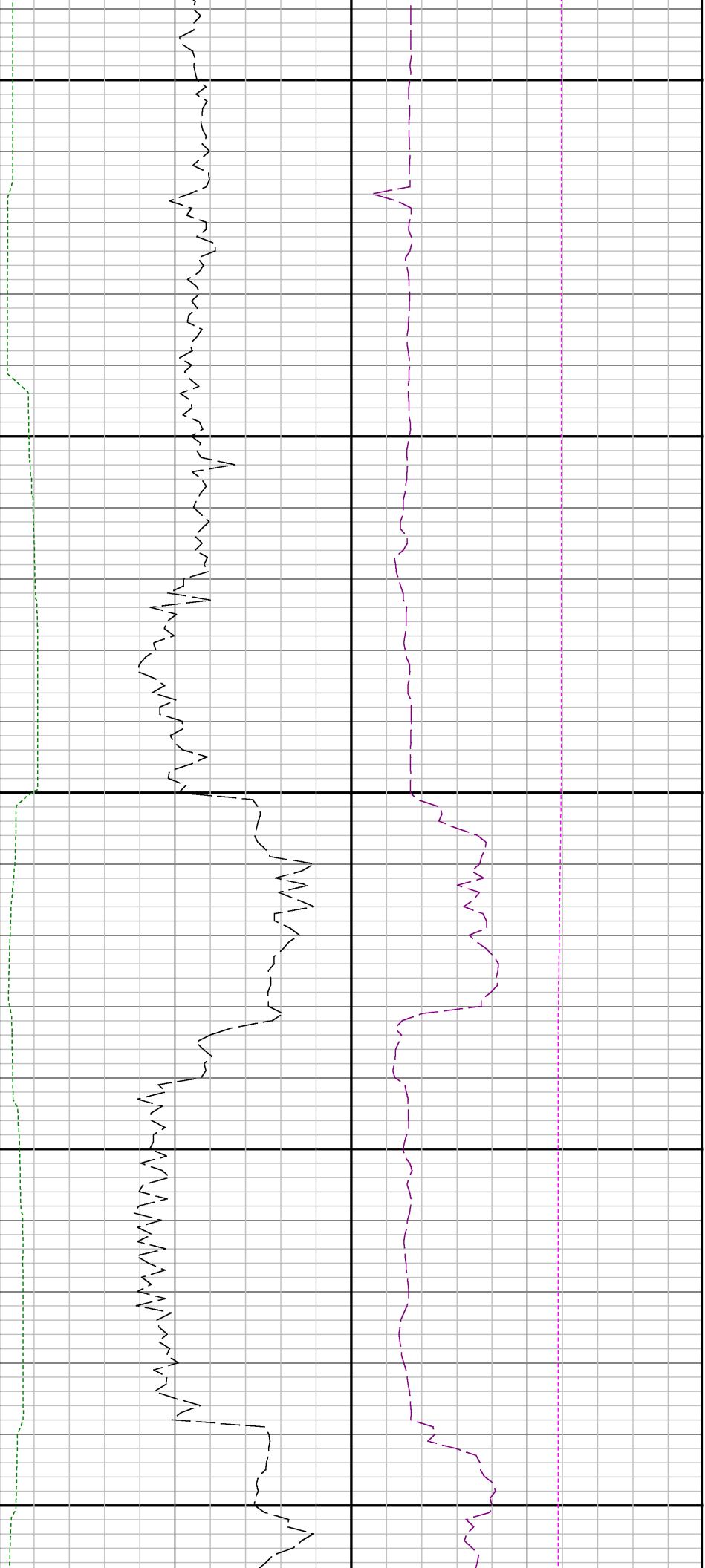


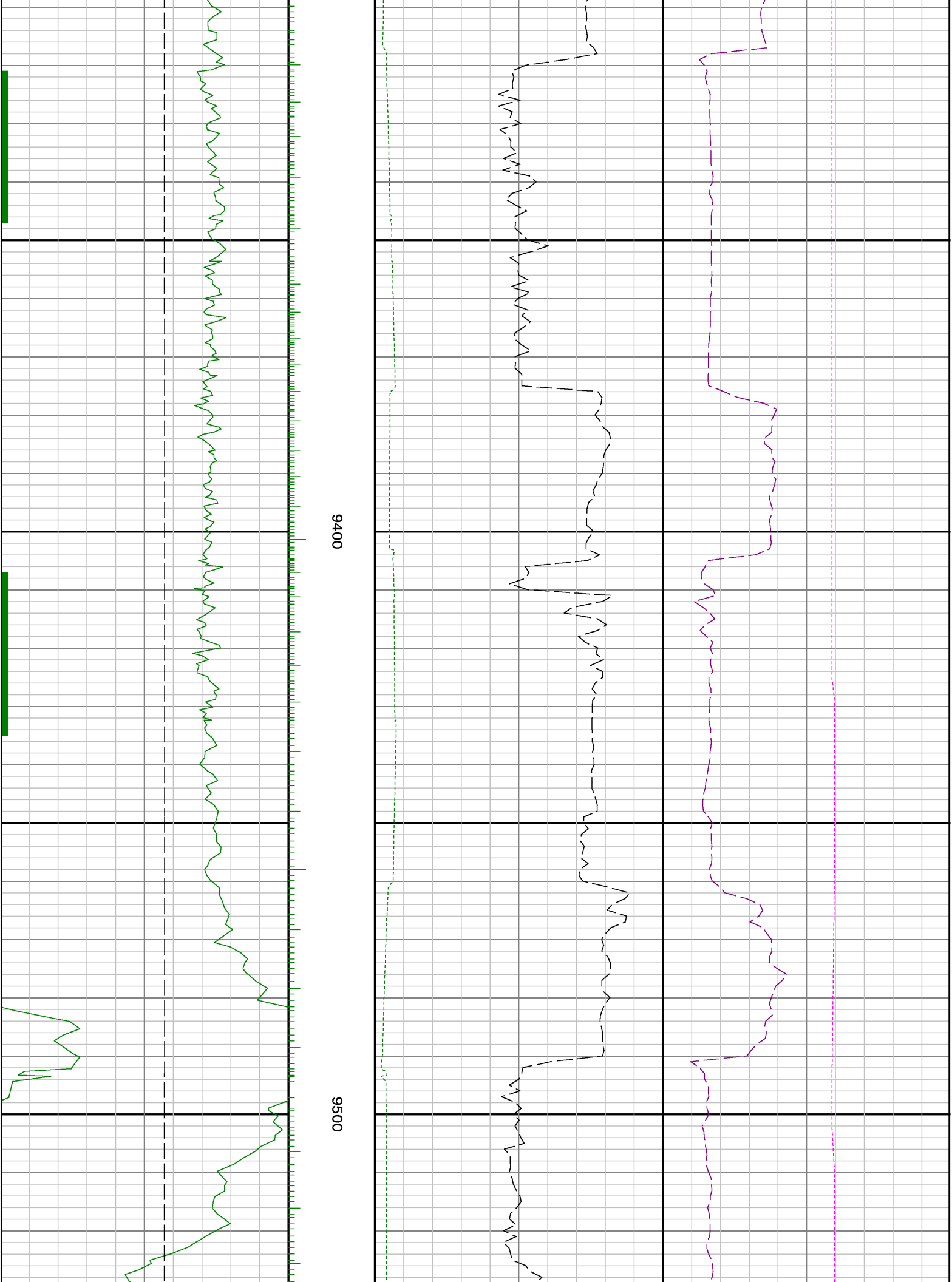


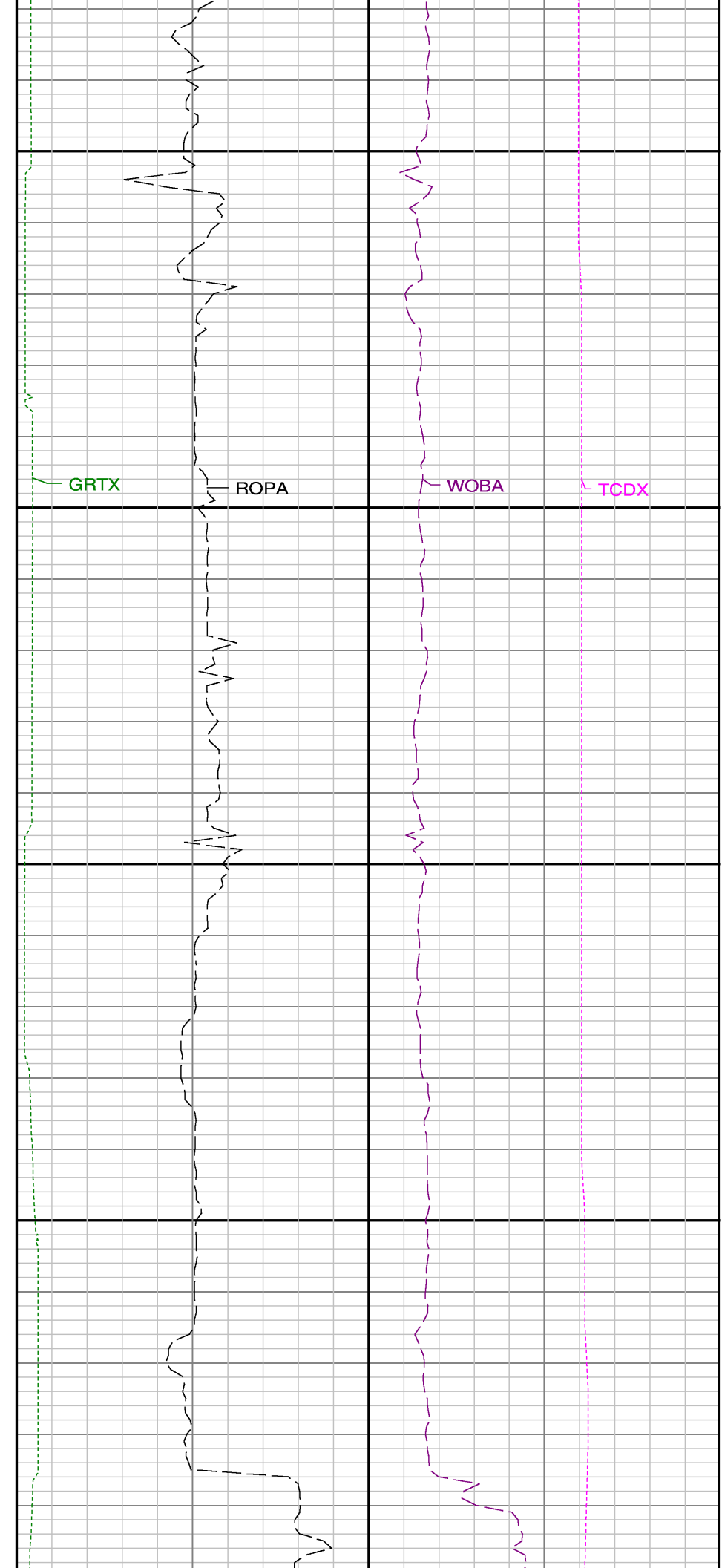
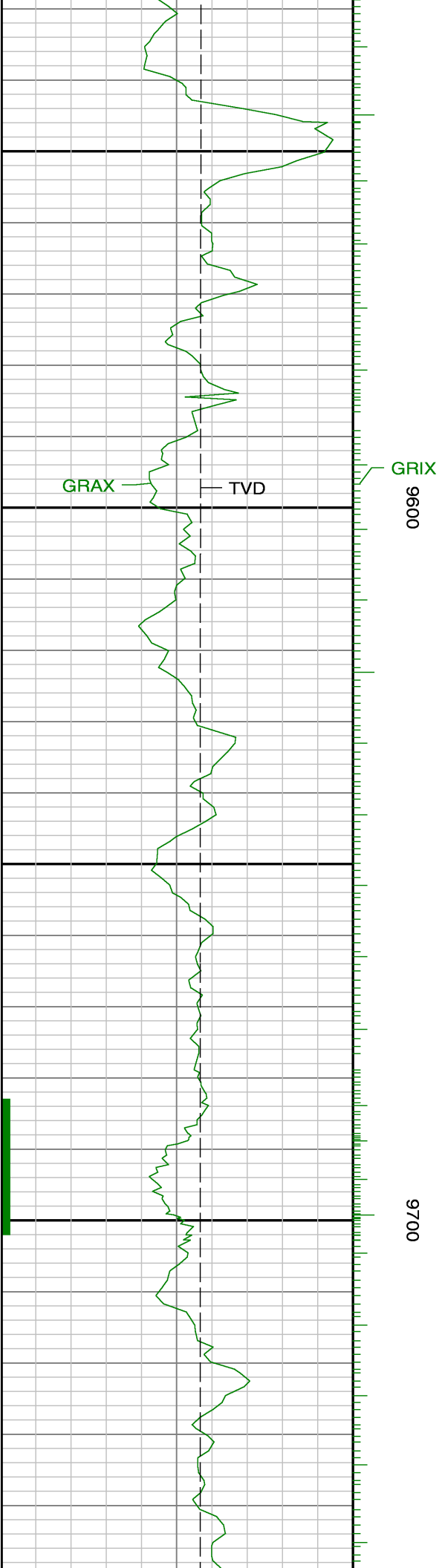
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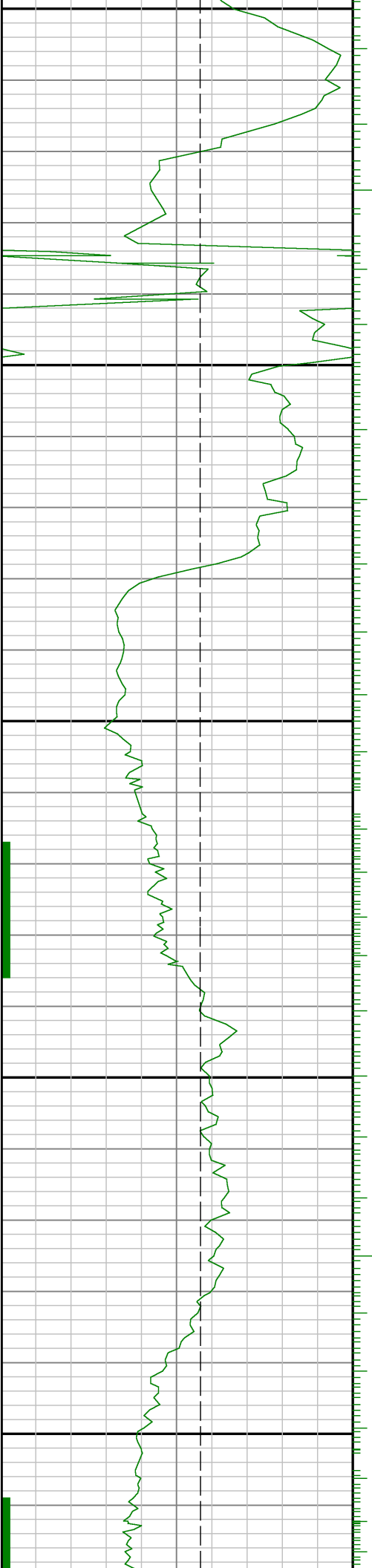
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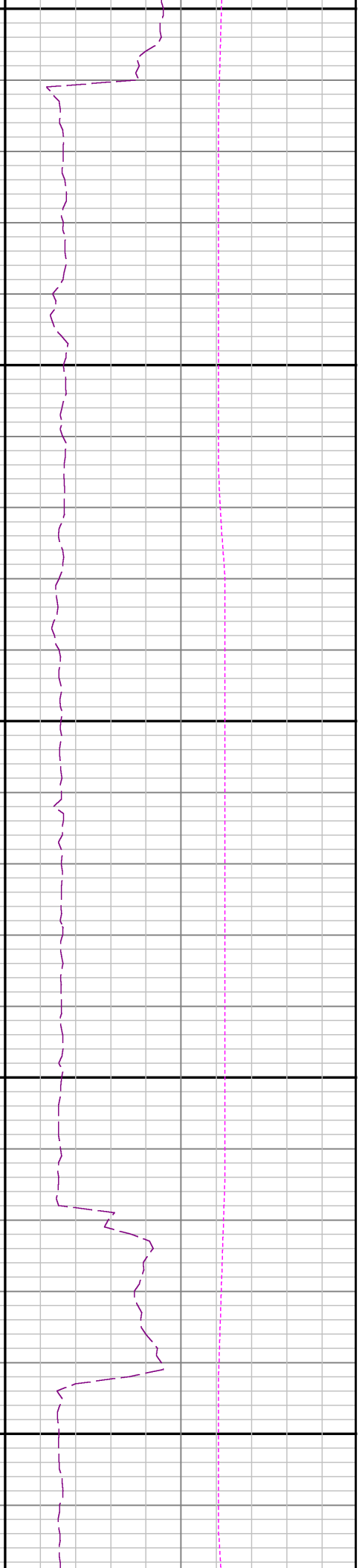
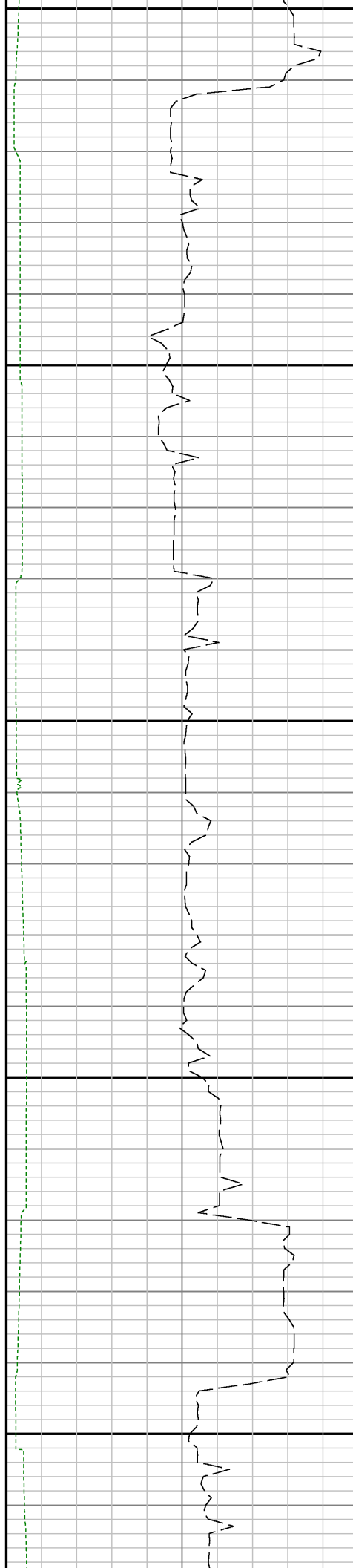






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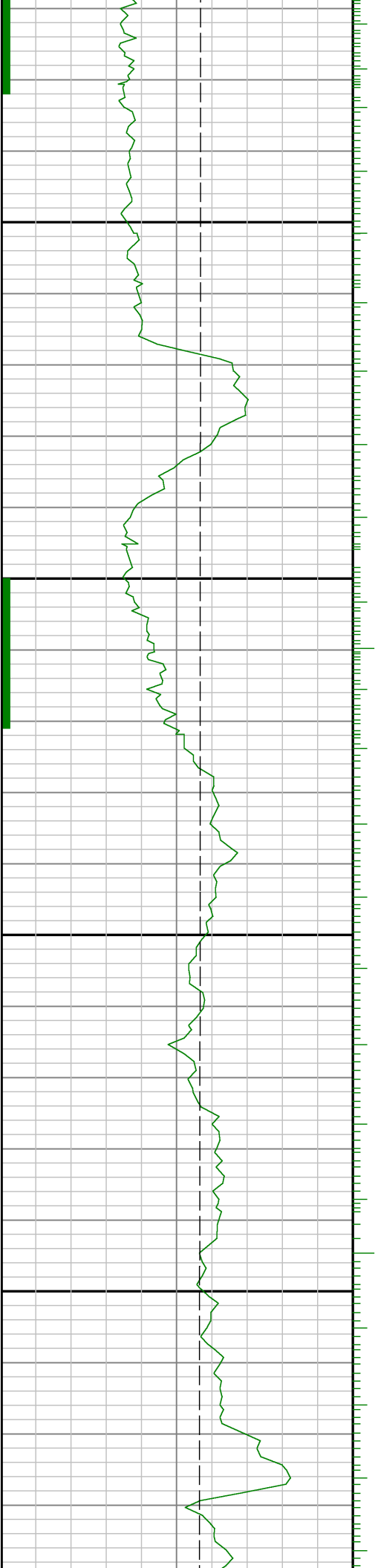
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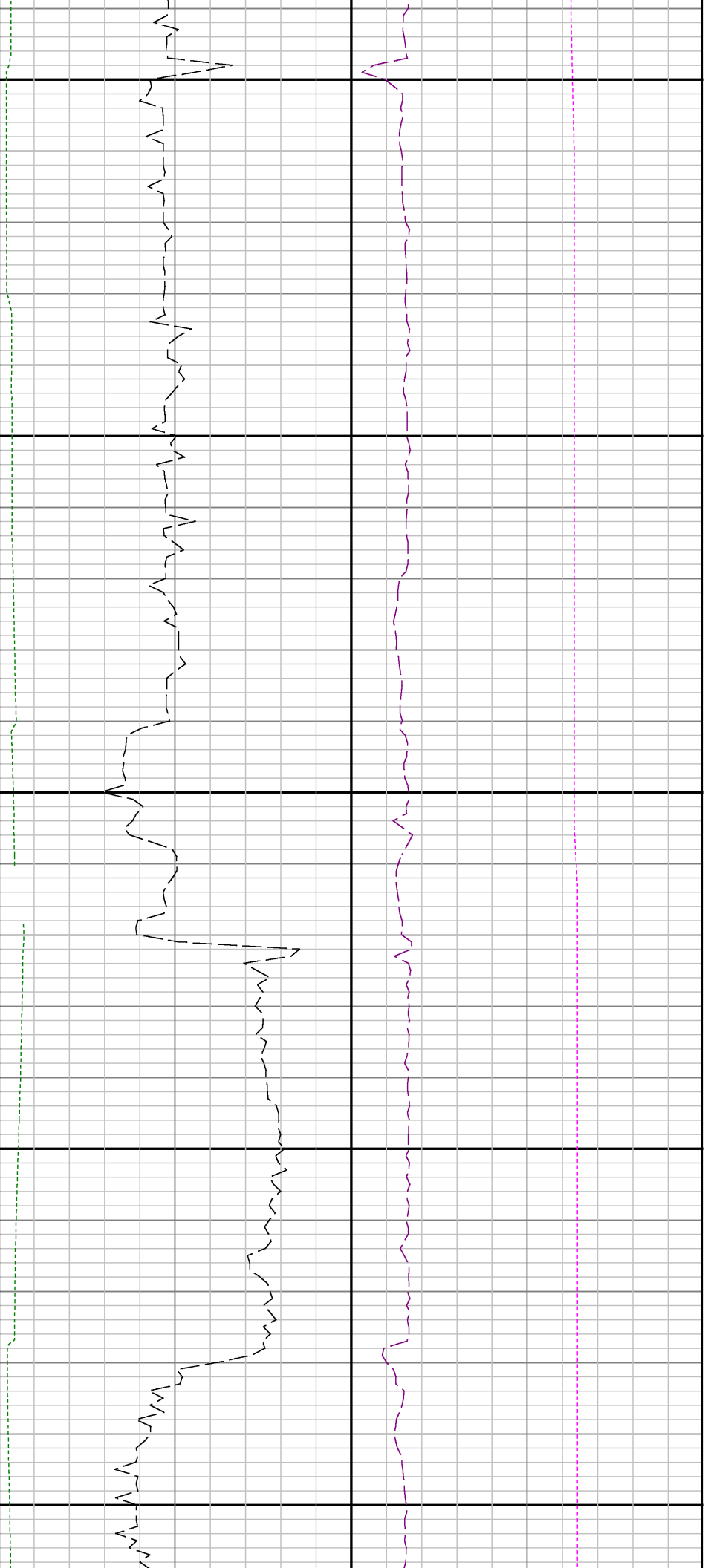




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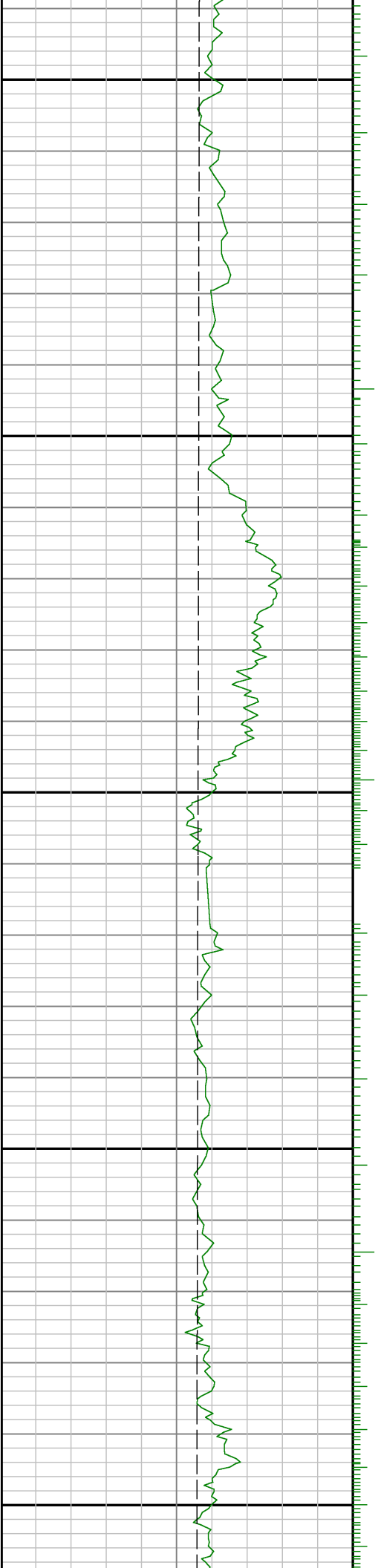




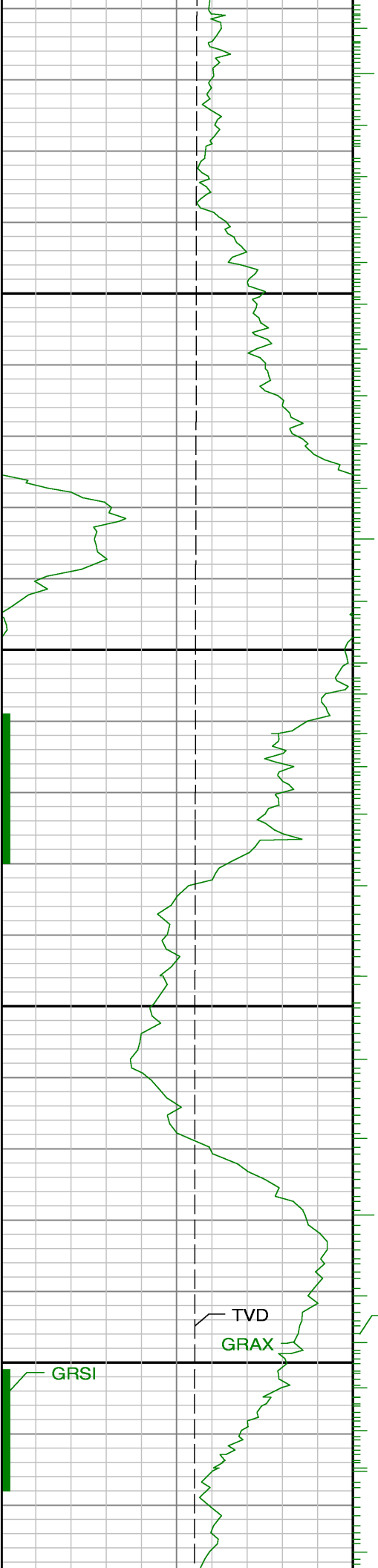
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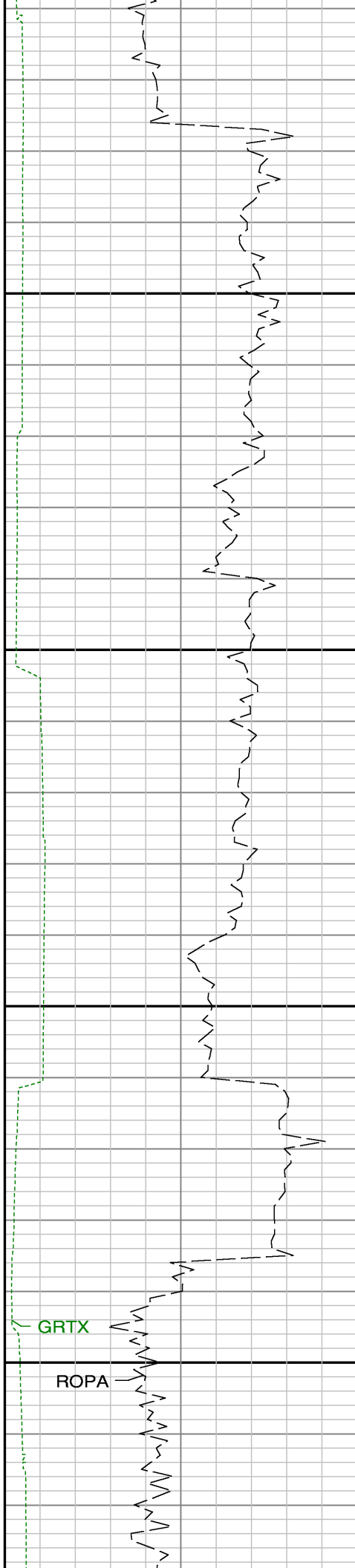






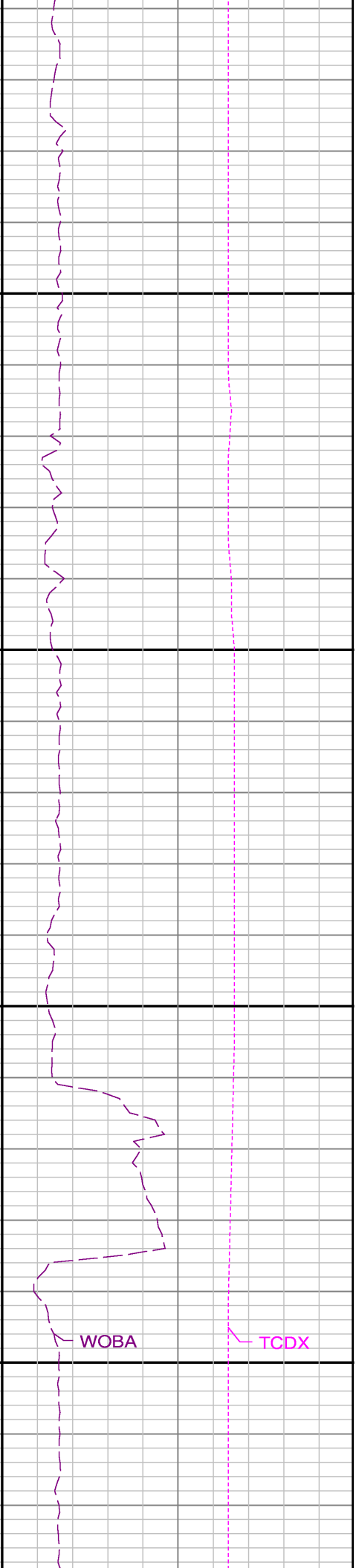
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GRIX  
10600



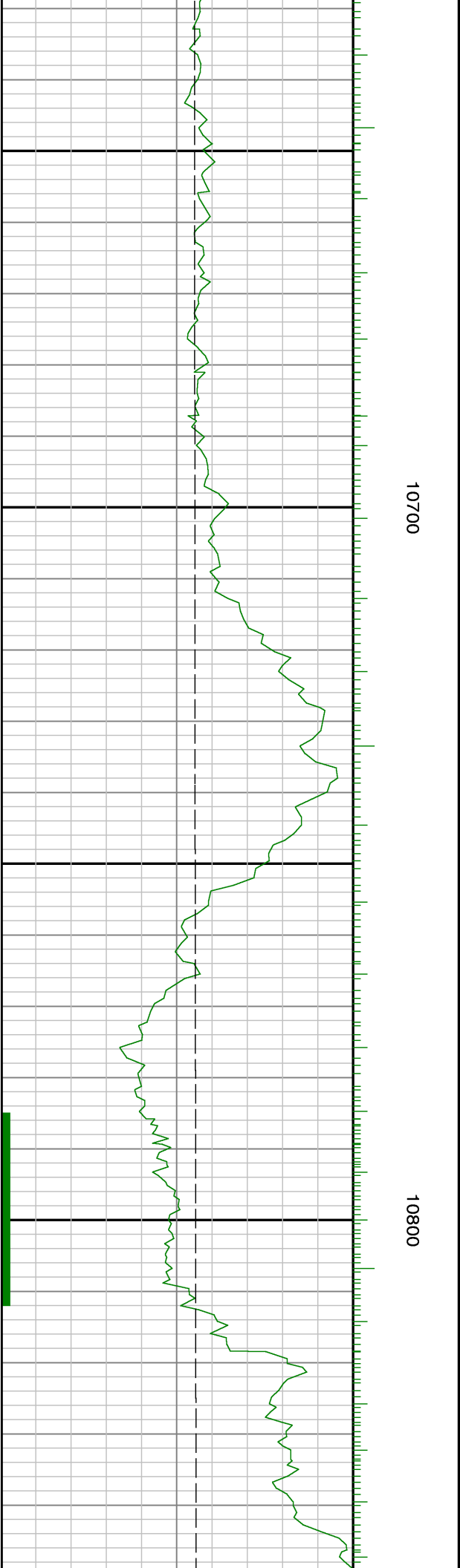
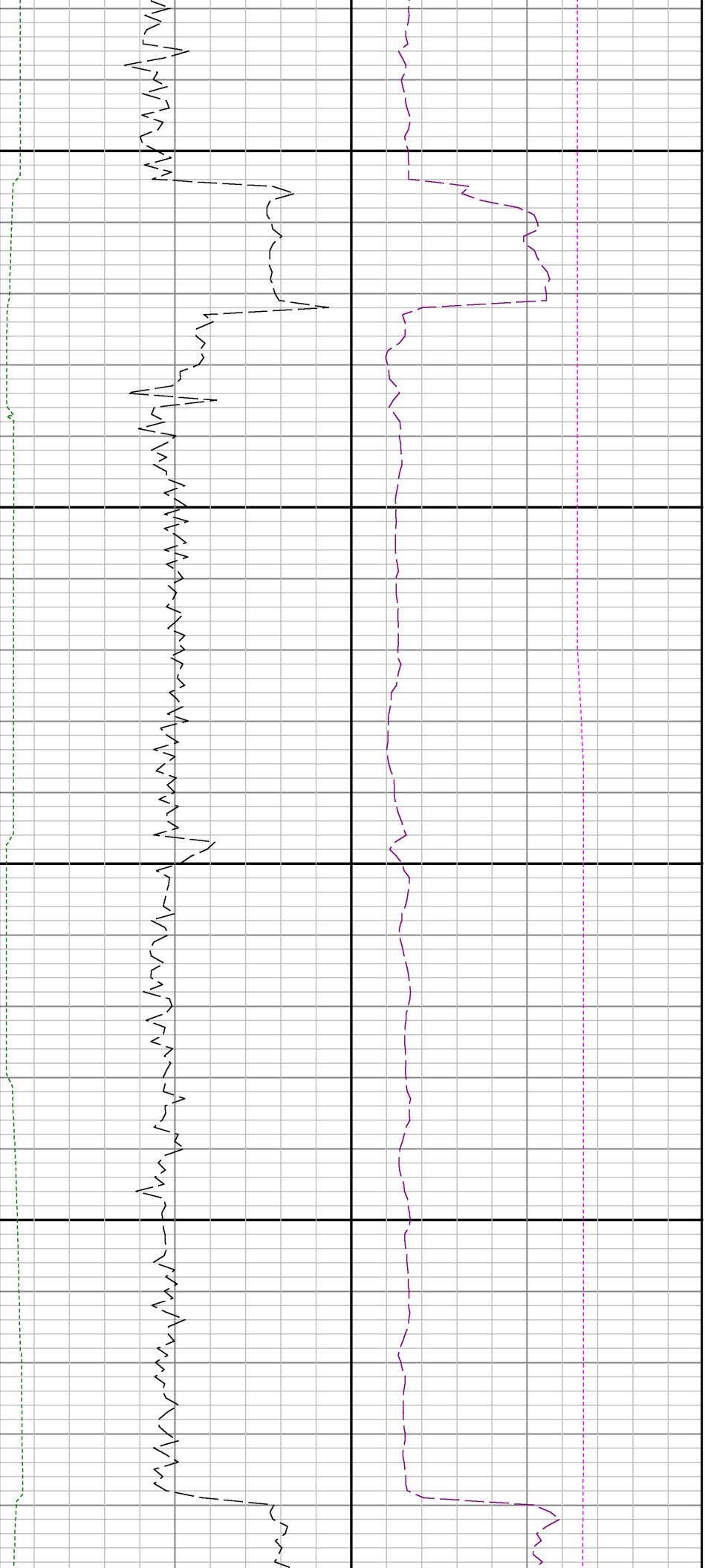
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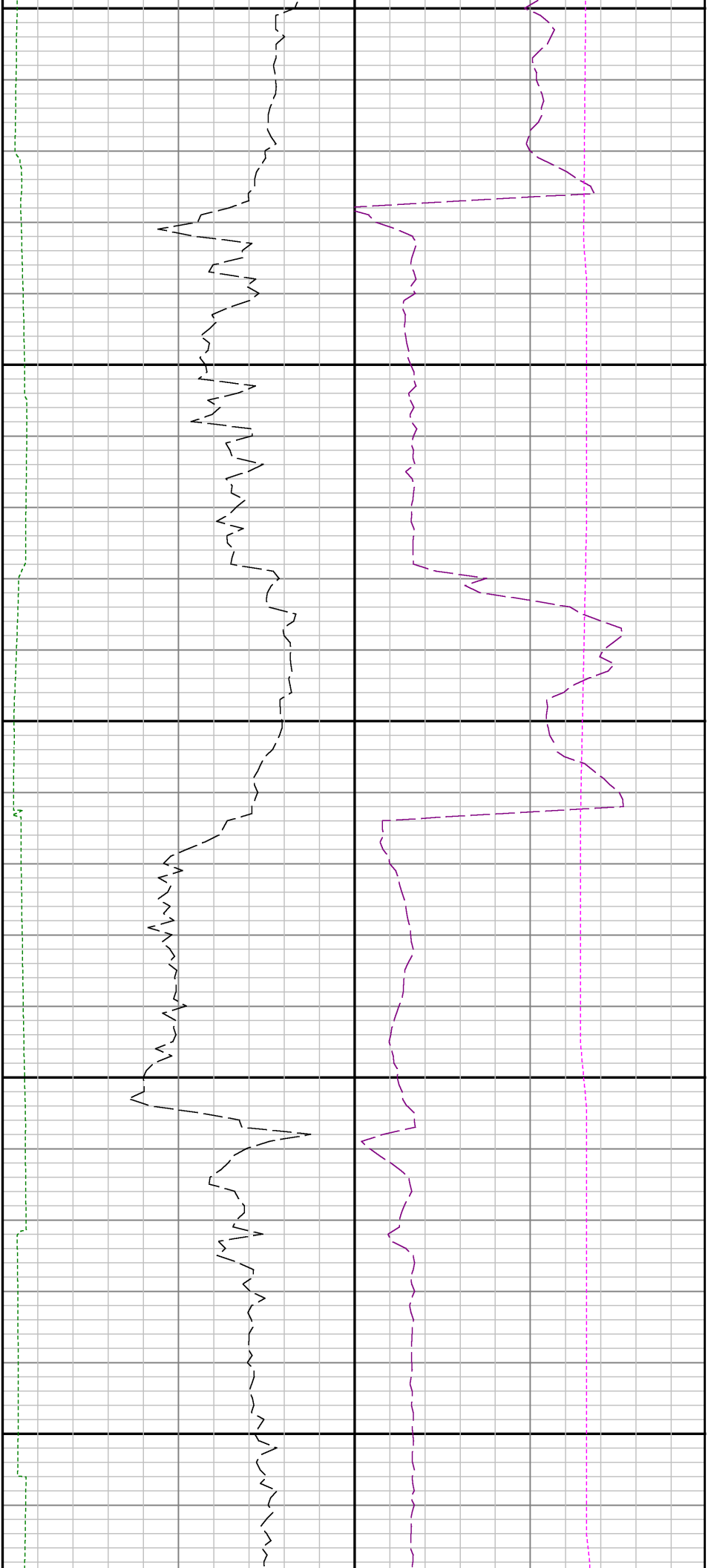
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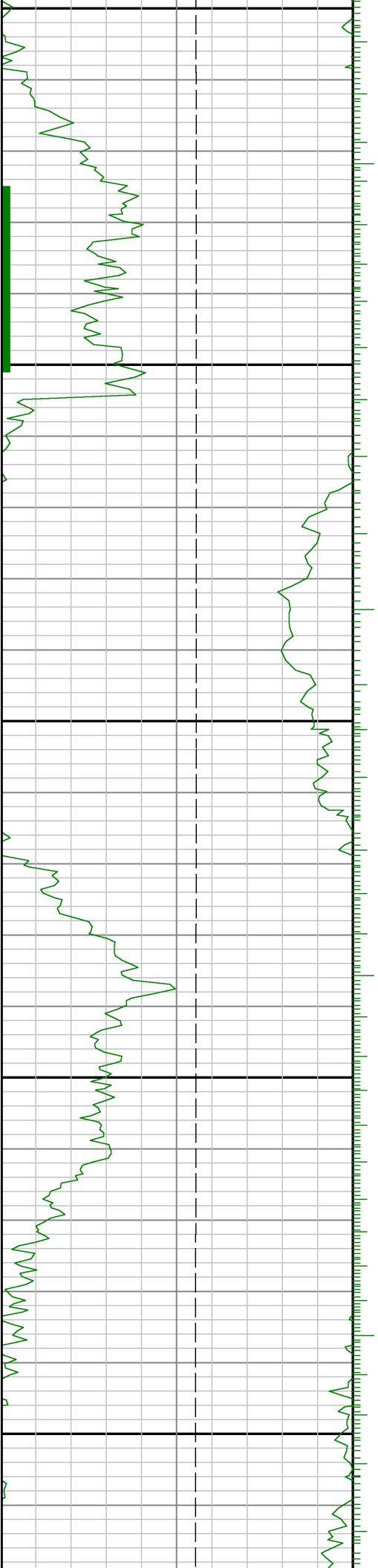
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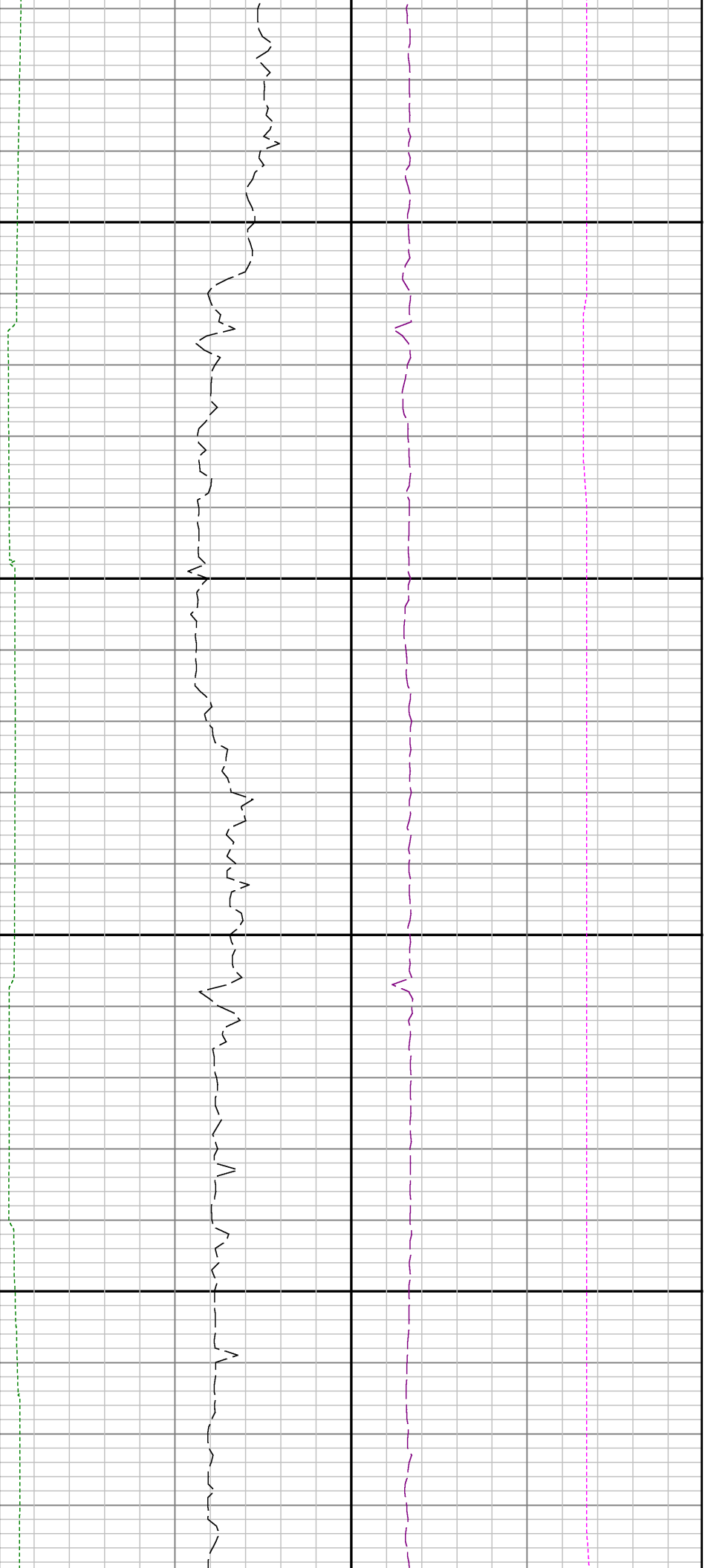




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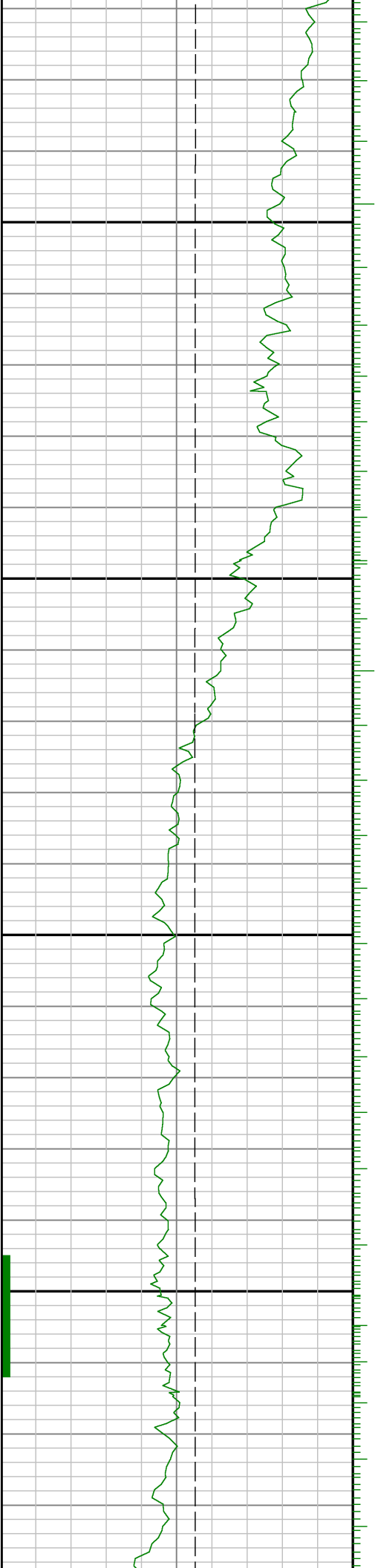
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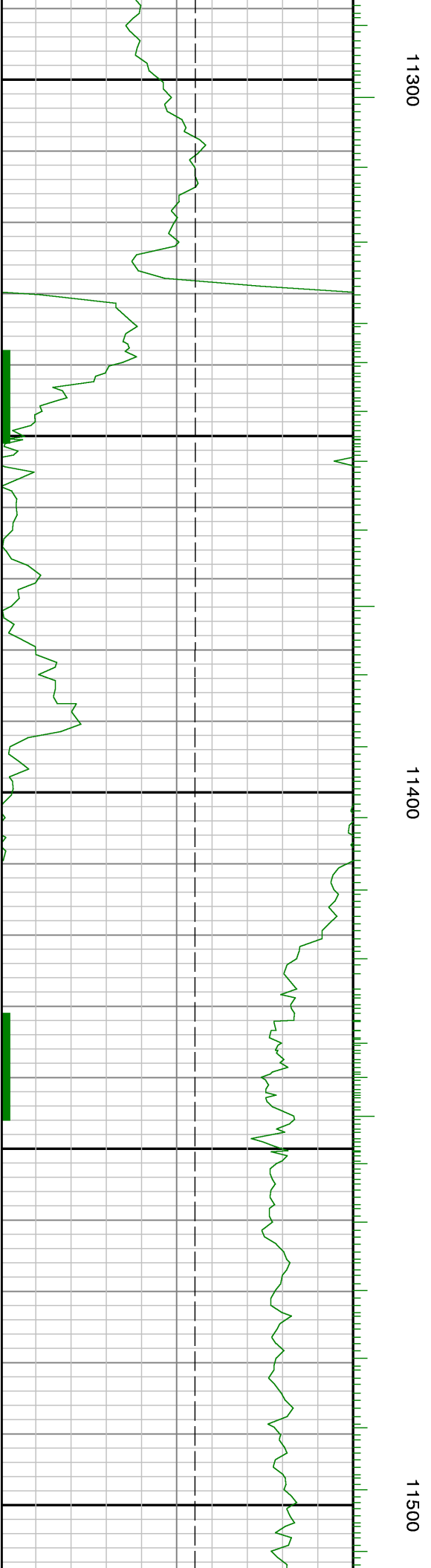


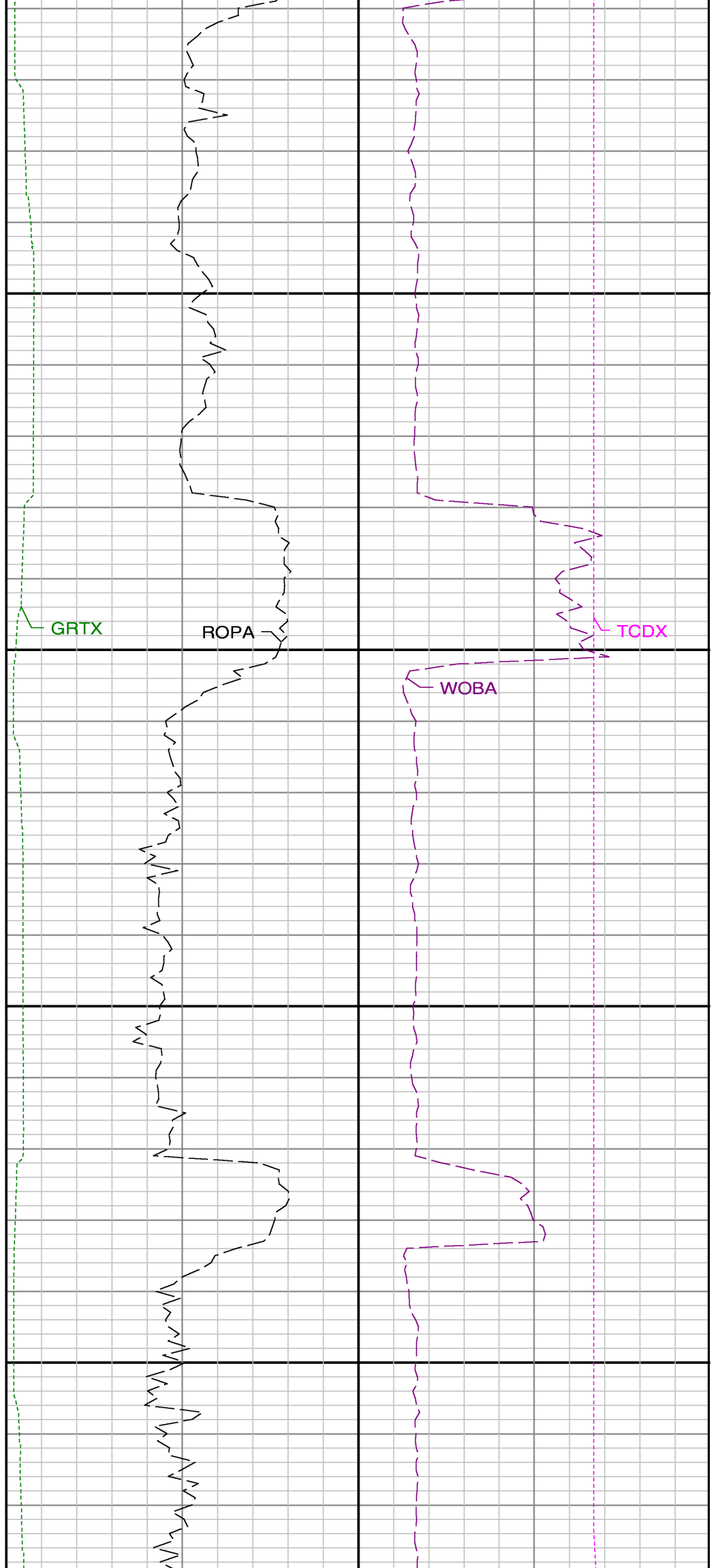
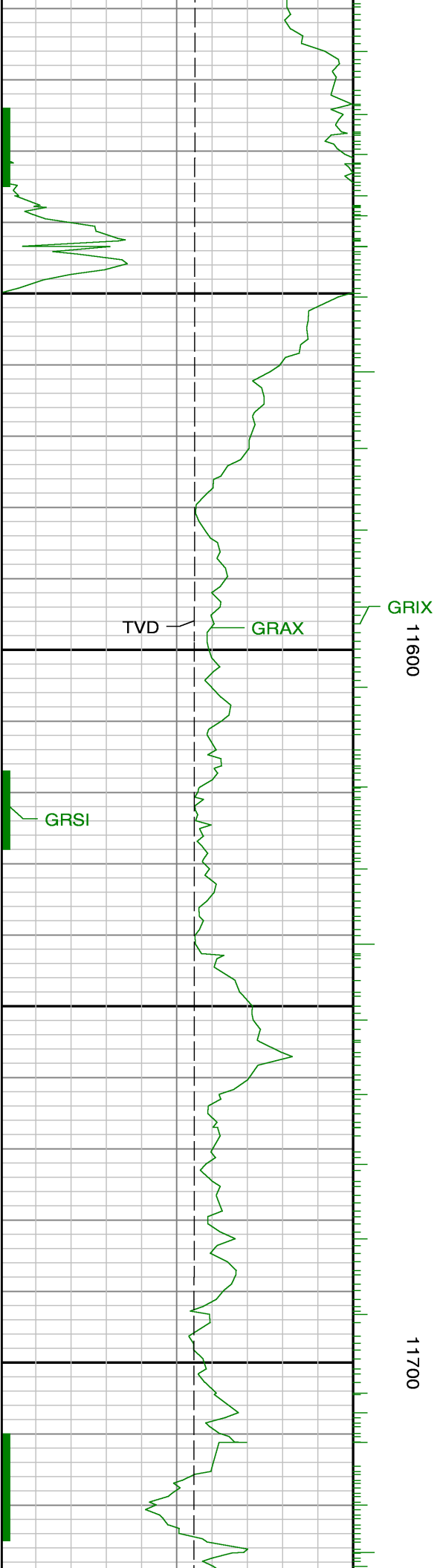


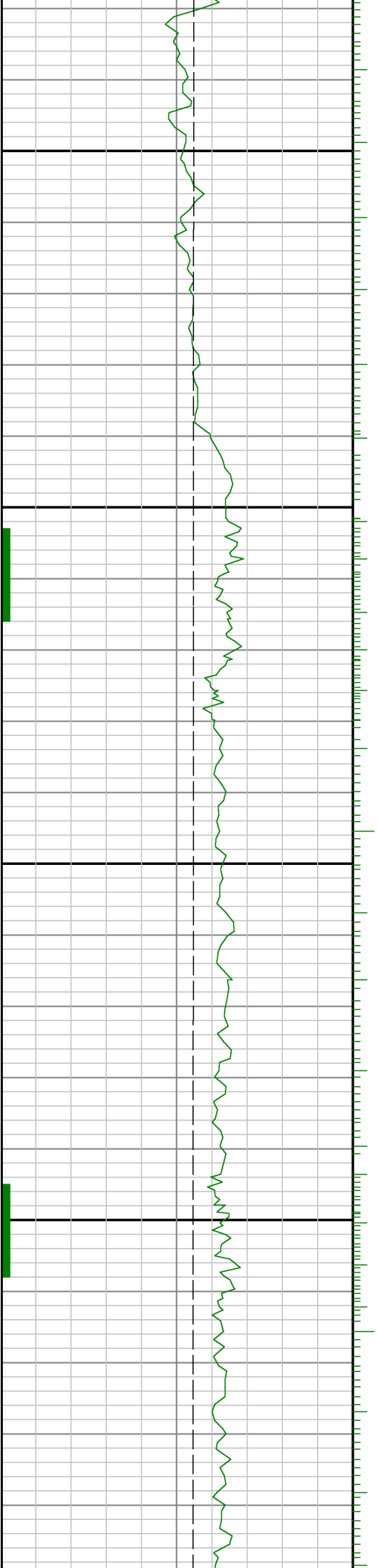
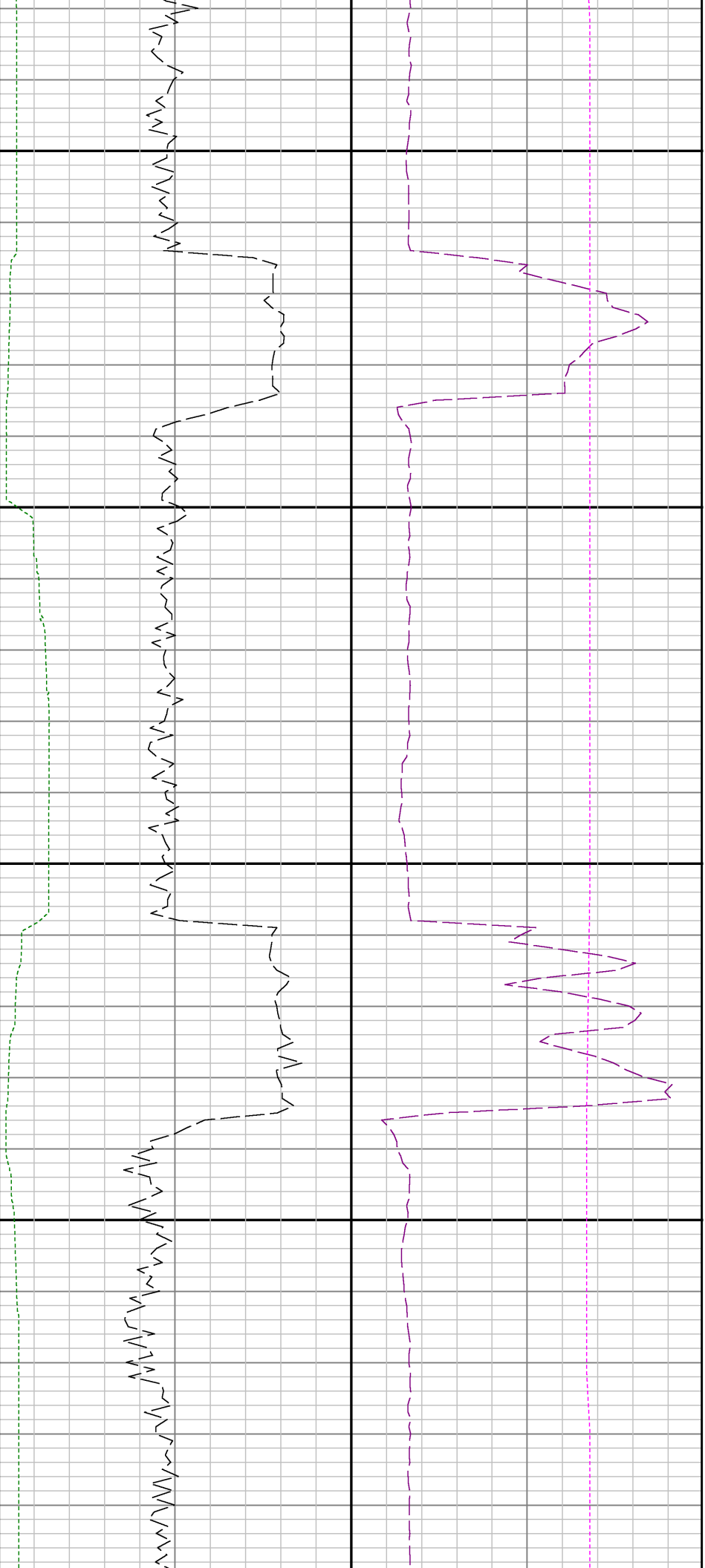
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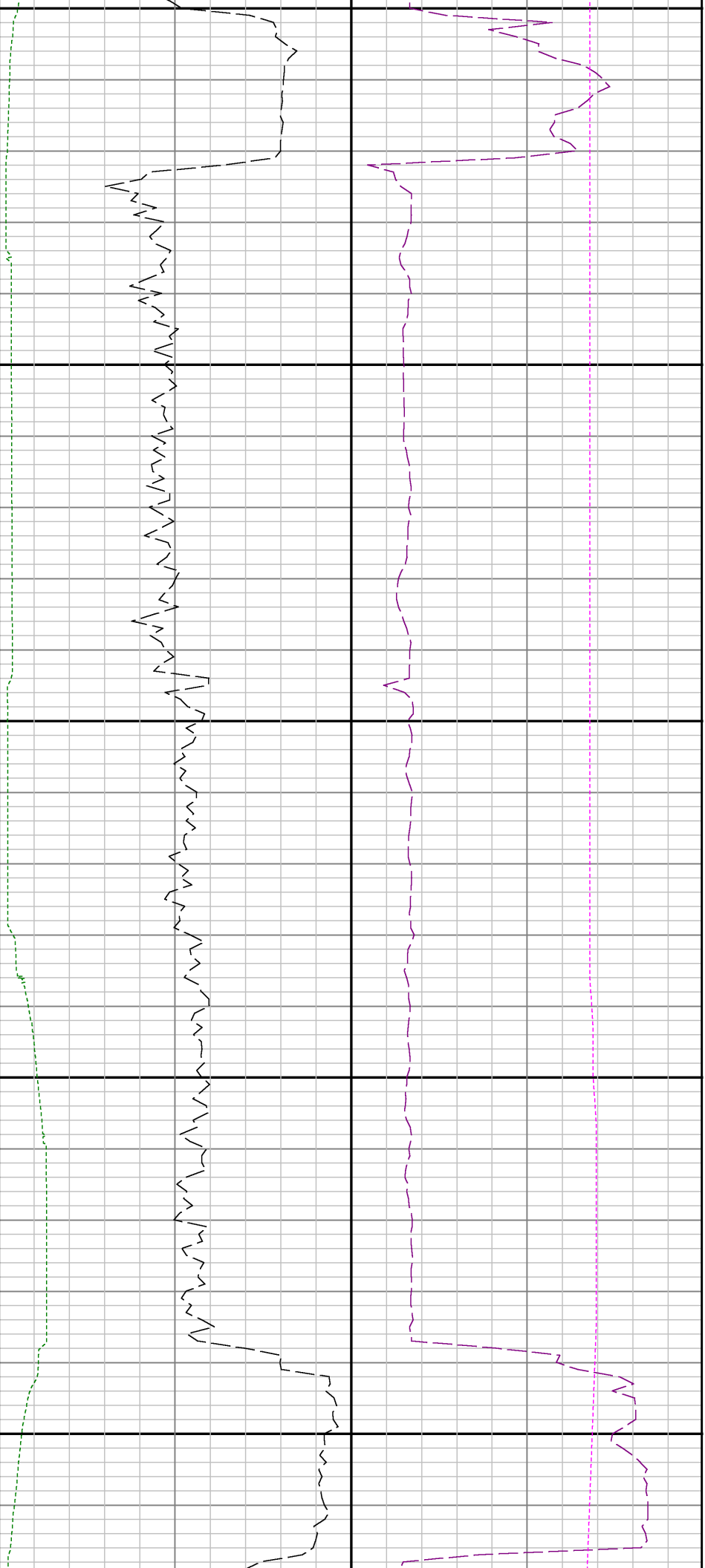
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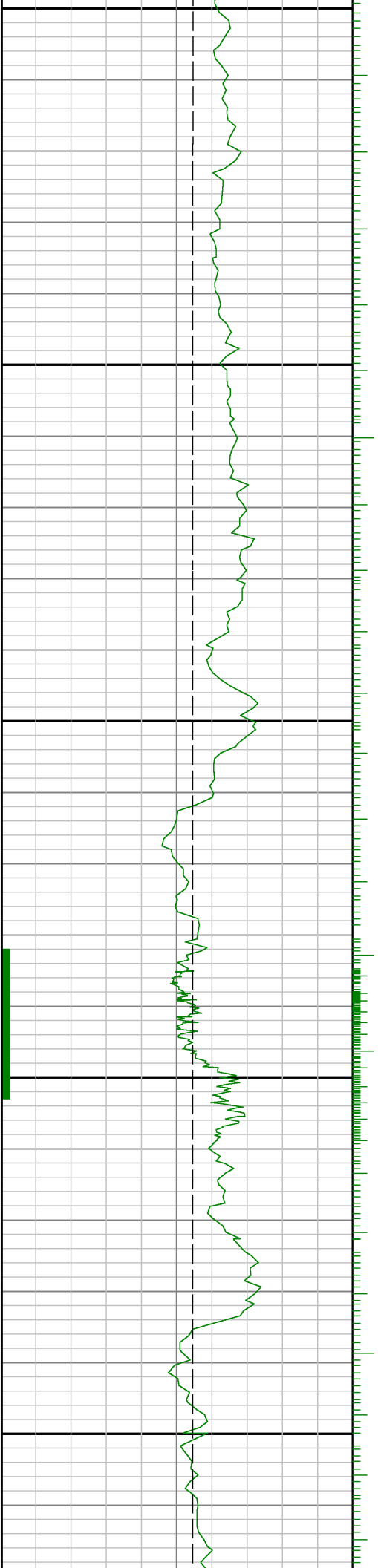




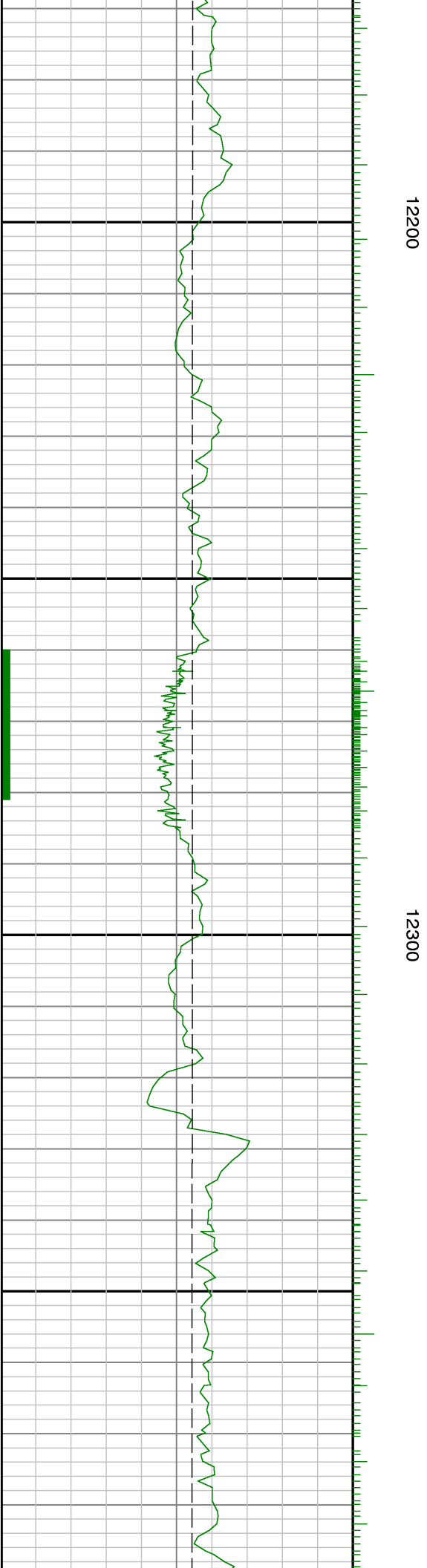
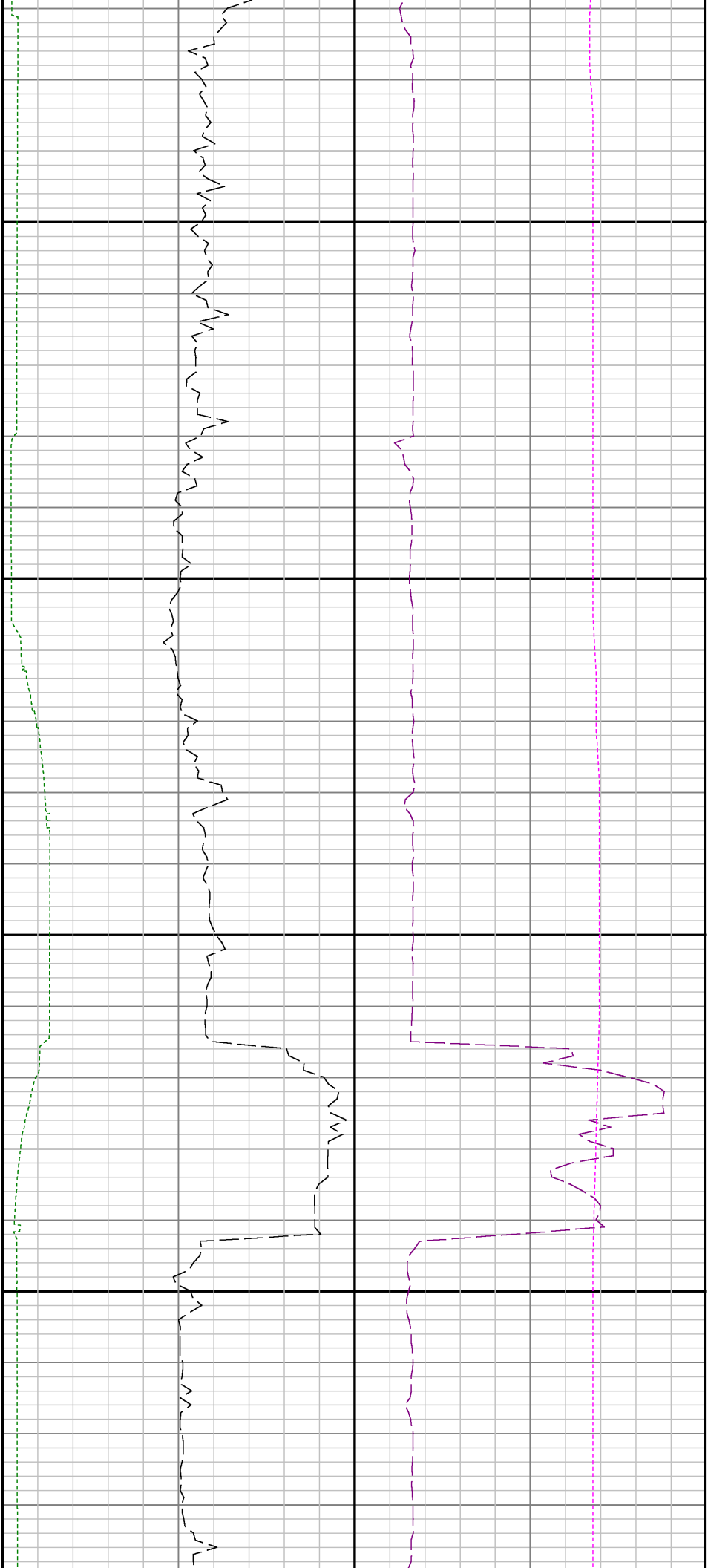


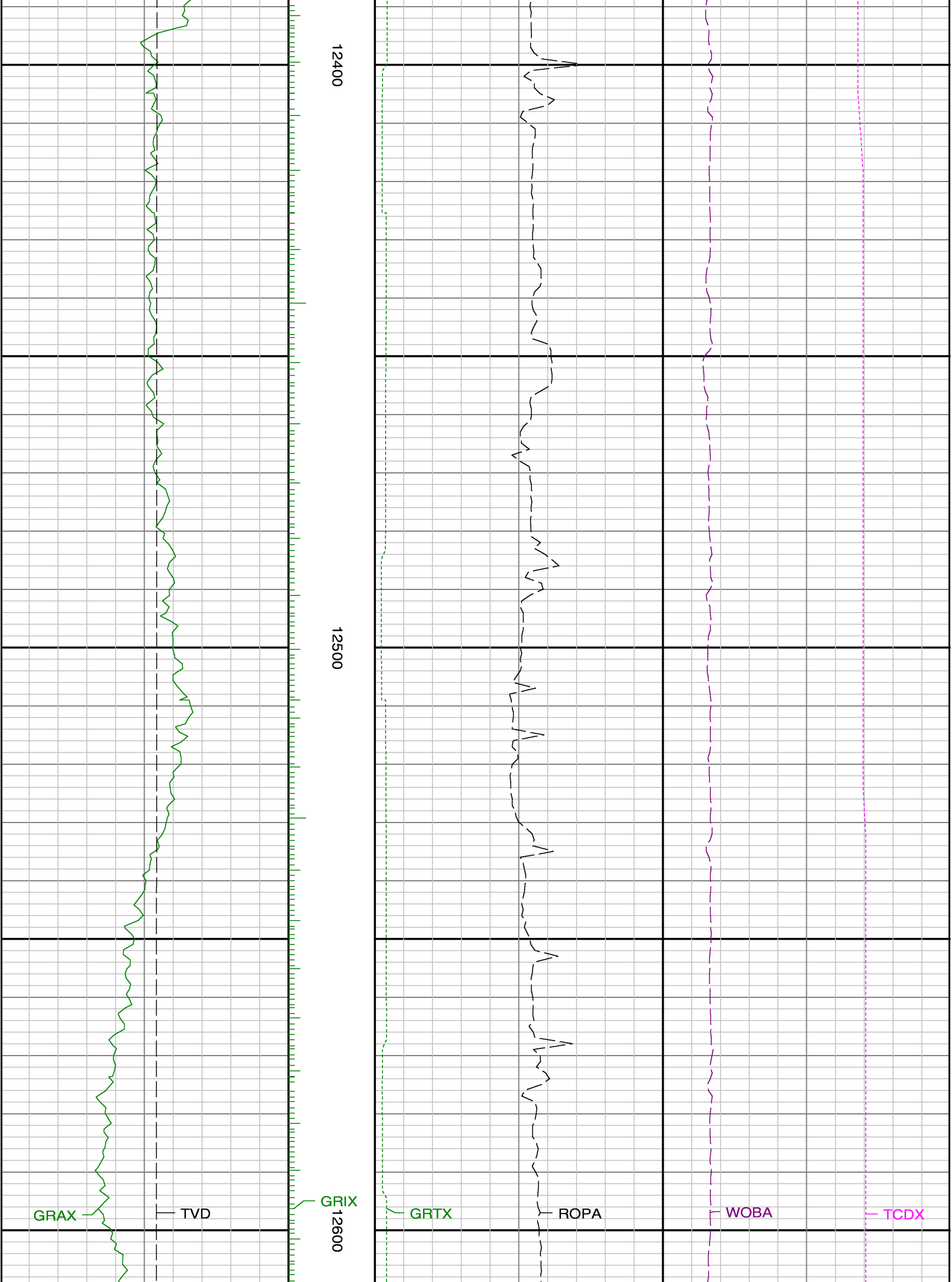
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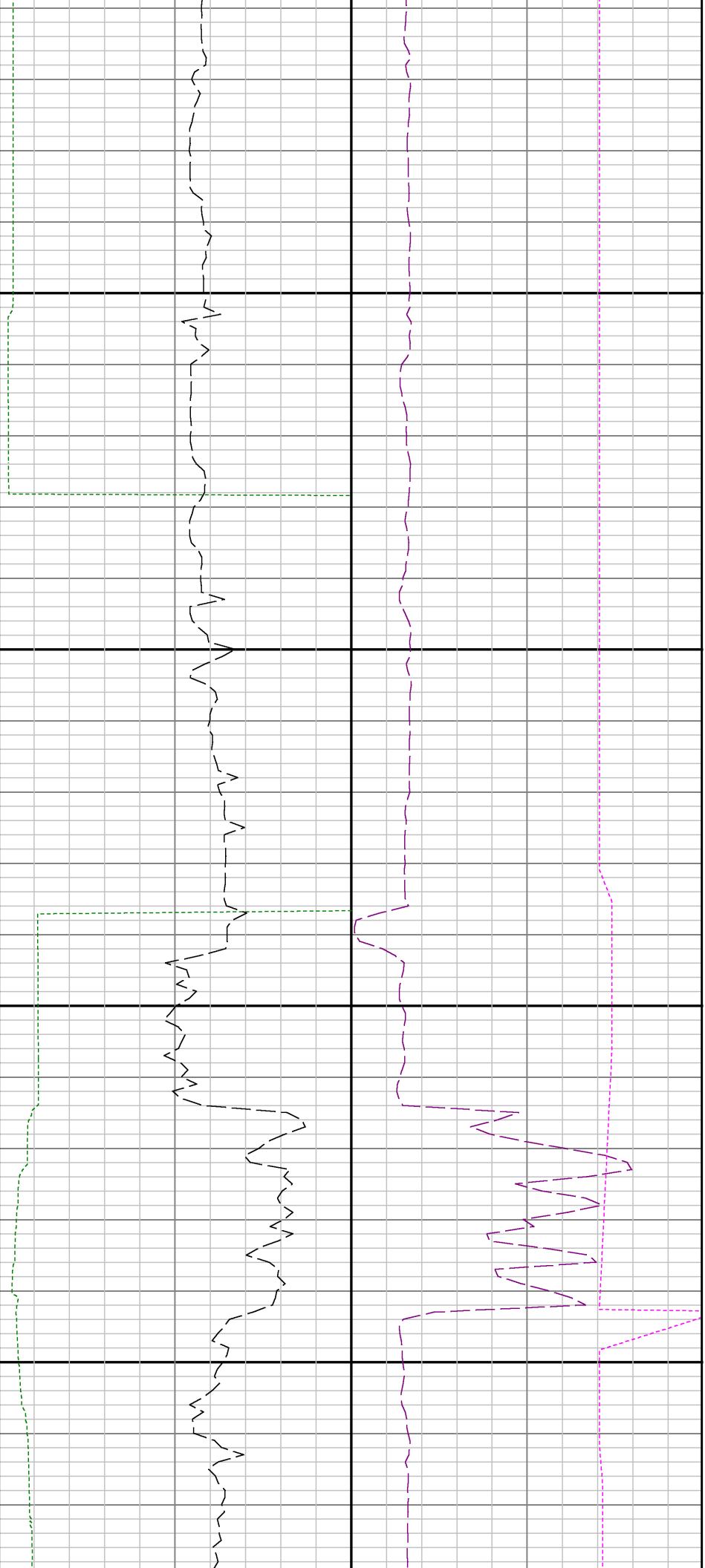
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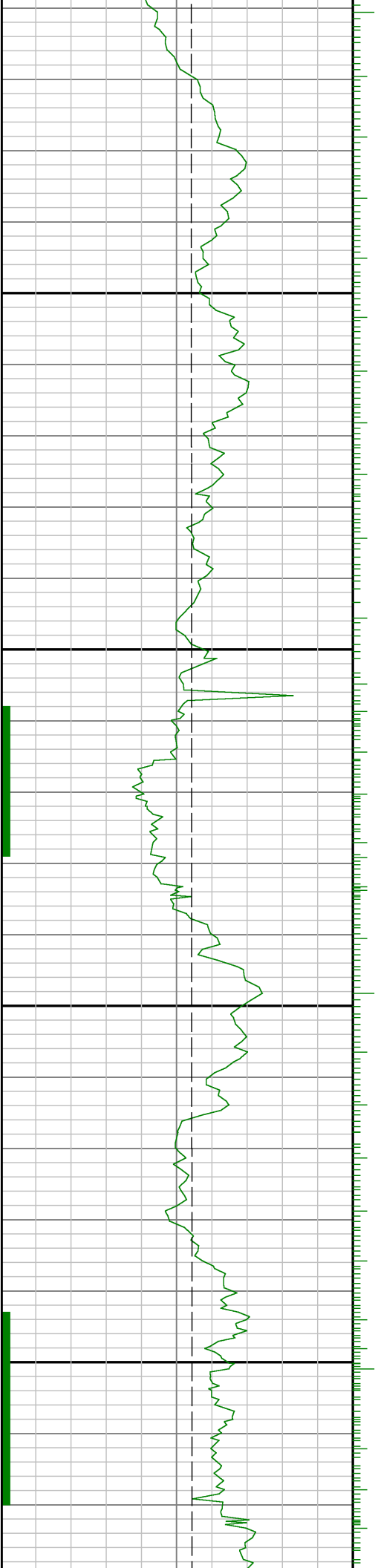


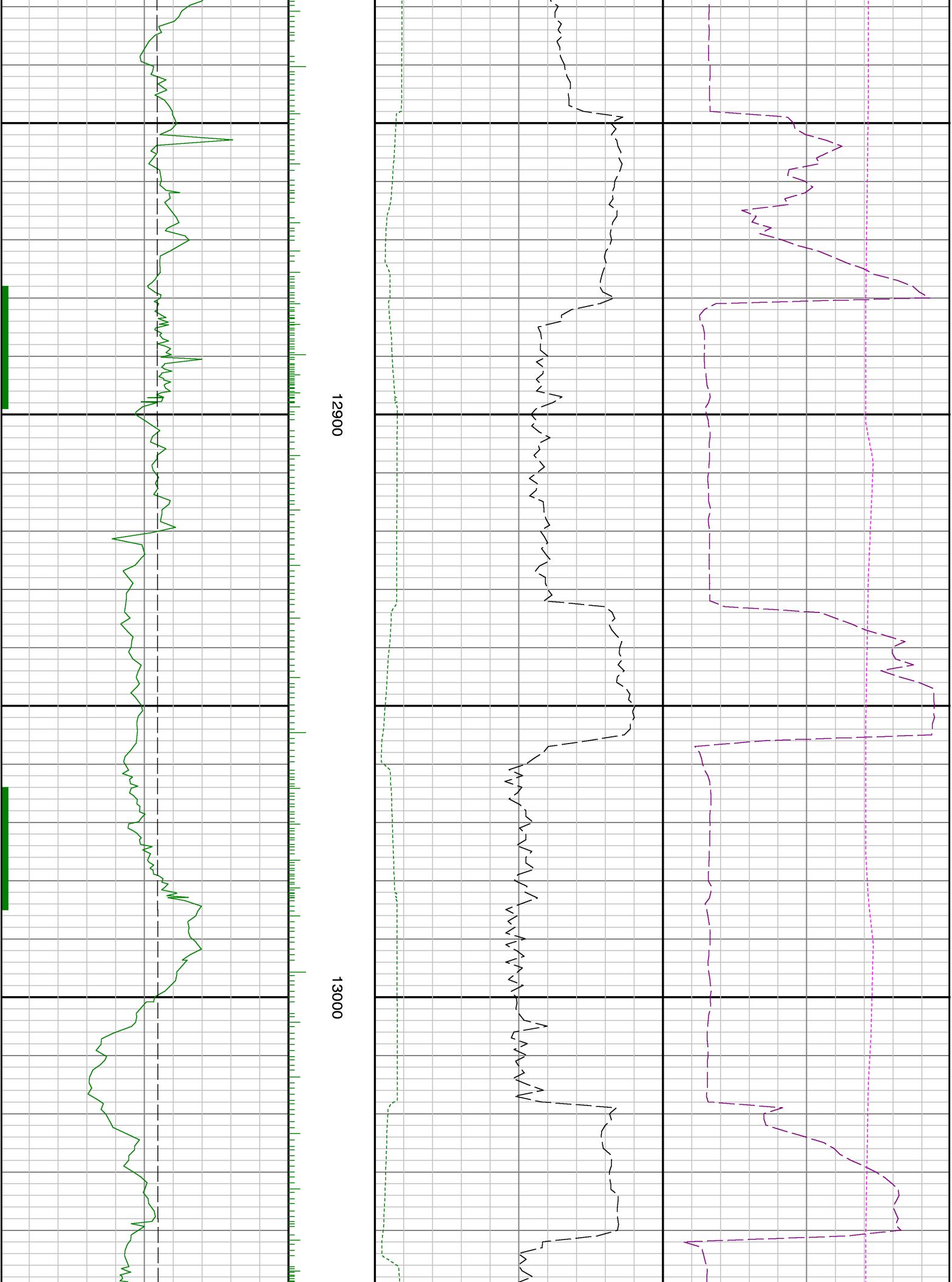


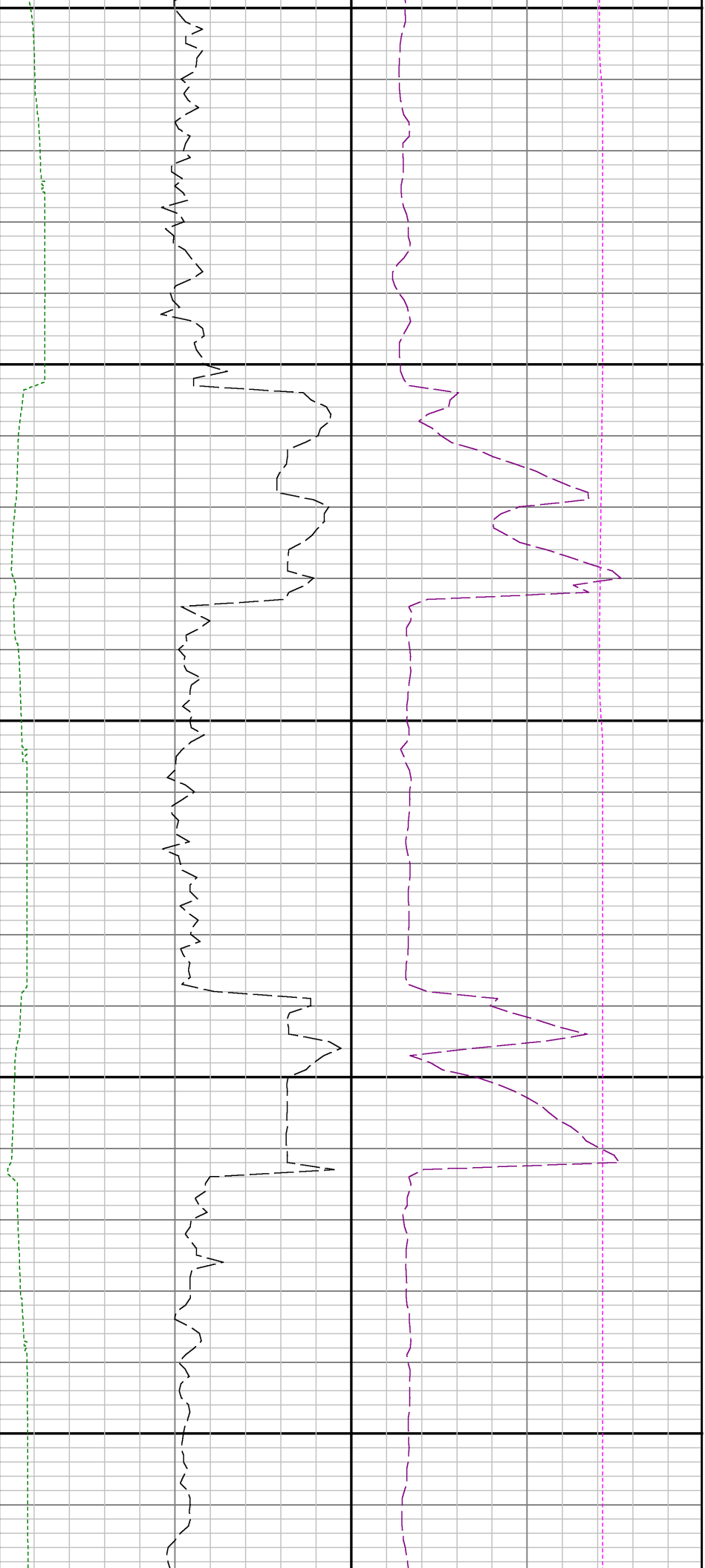


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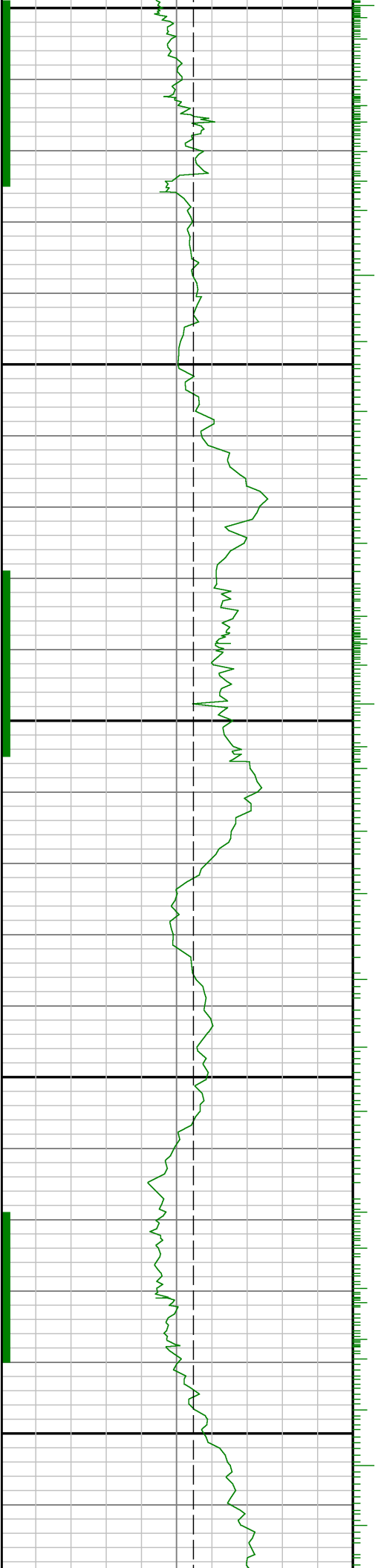


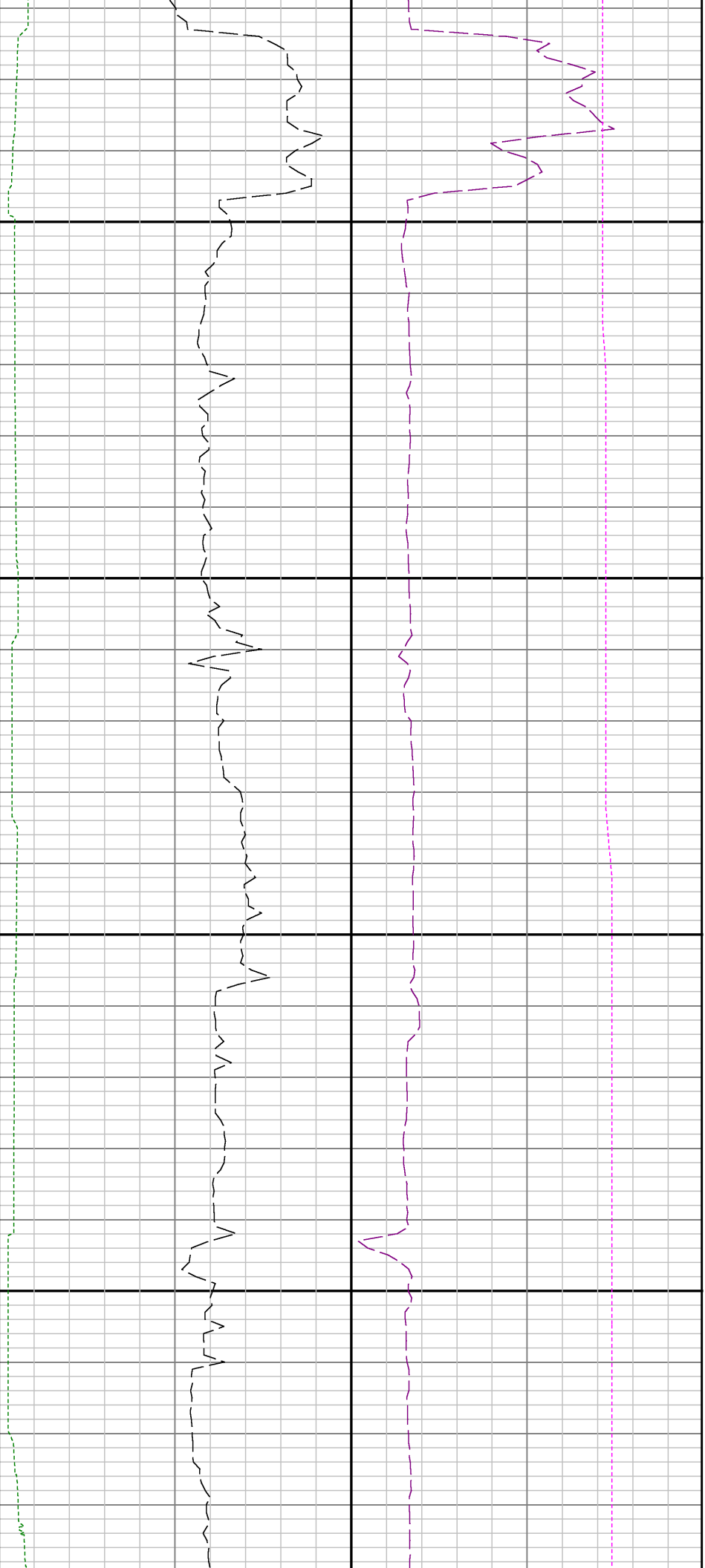




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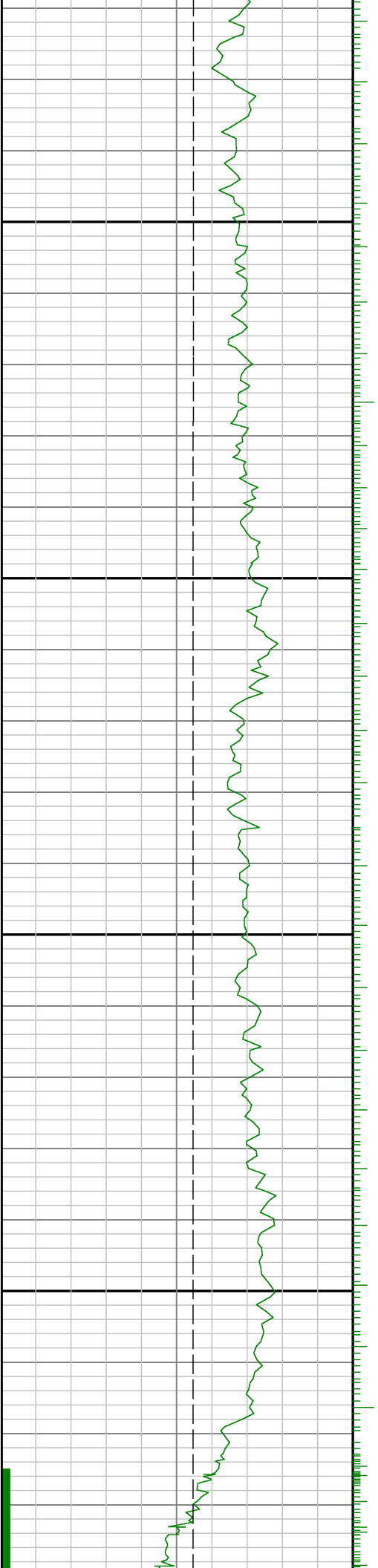
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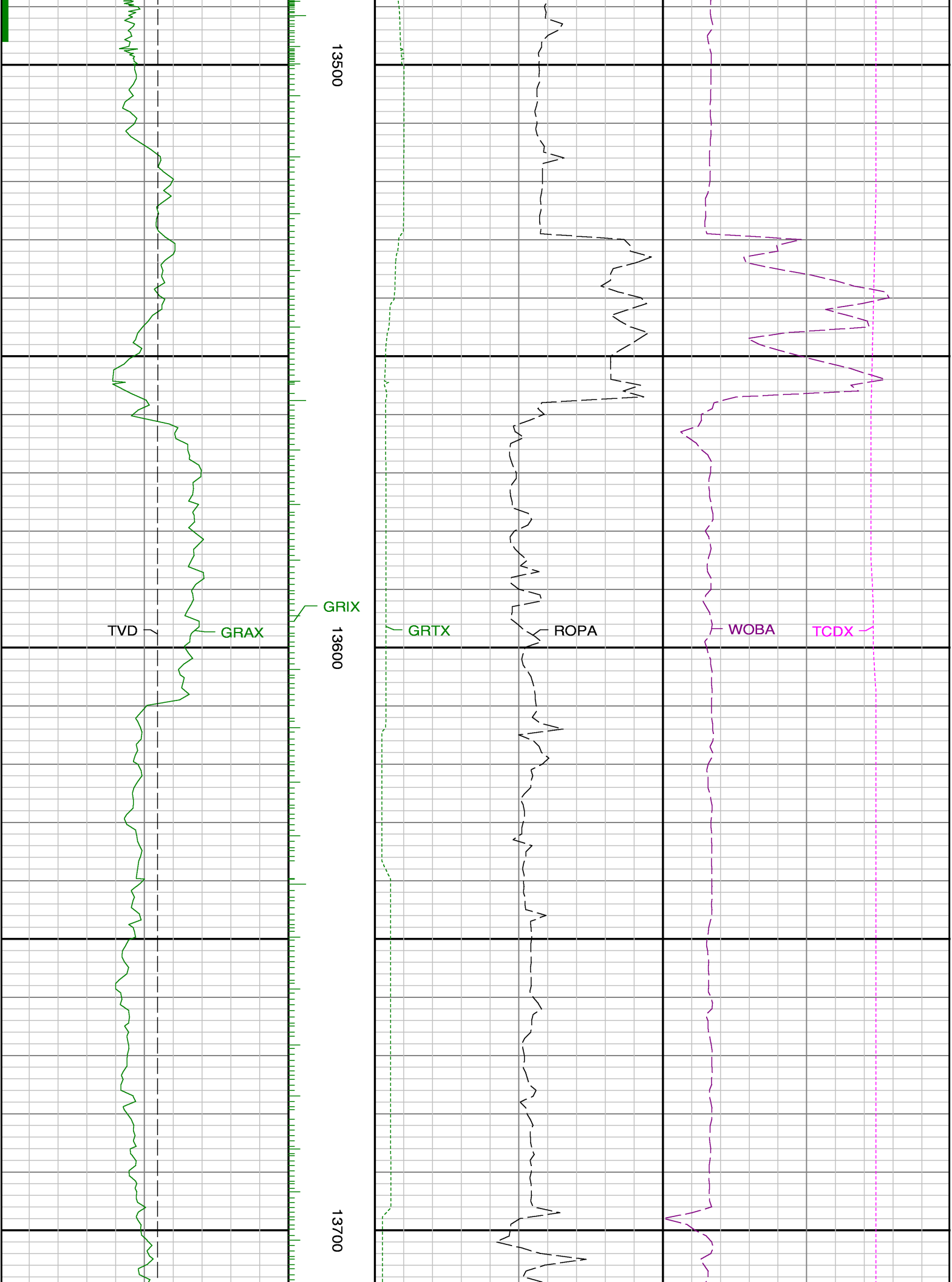


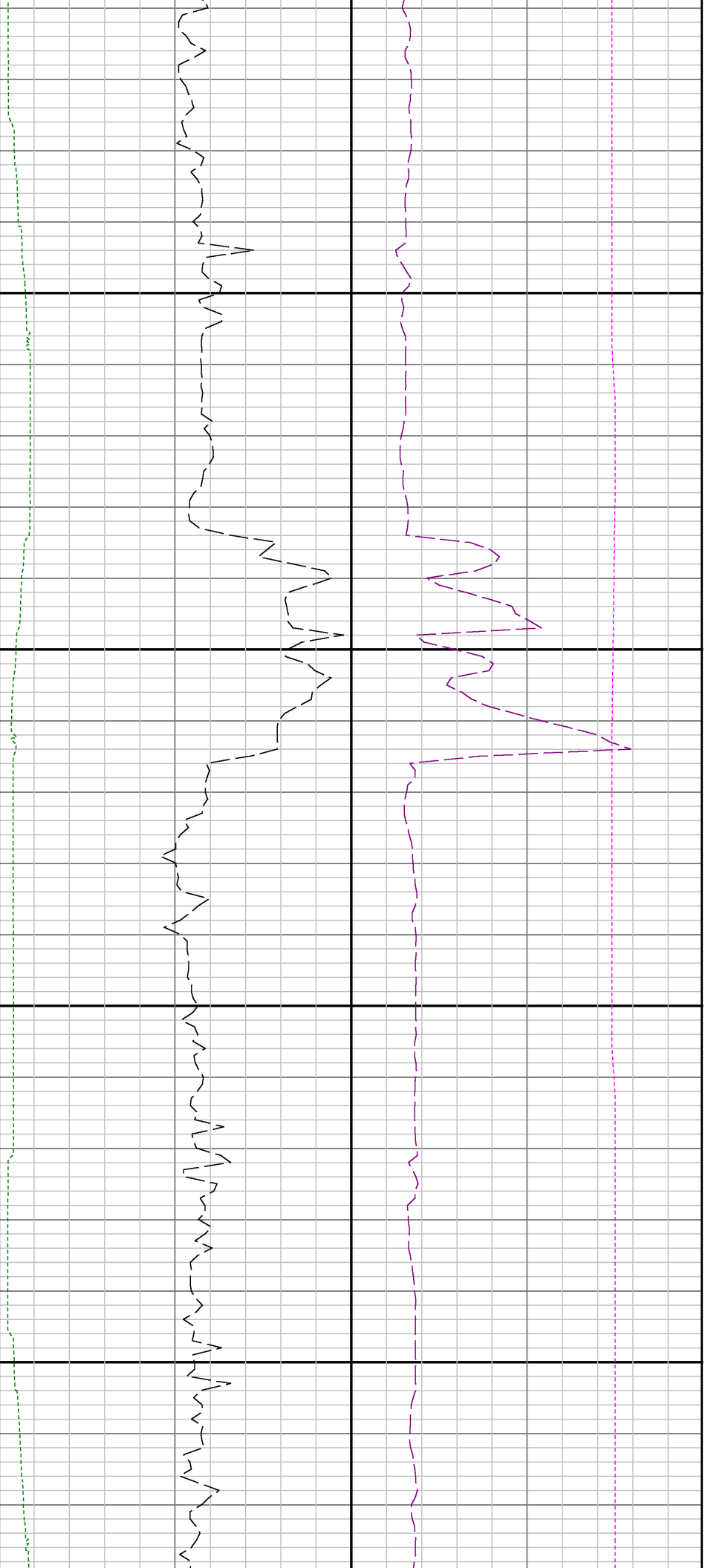


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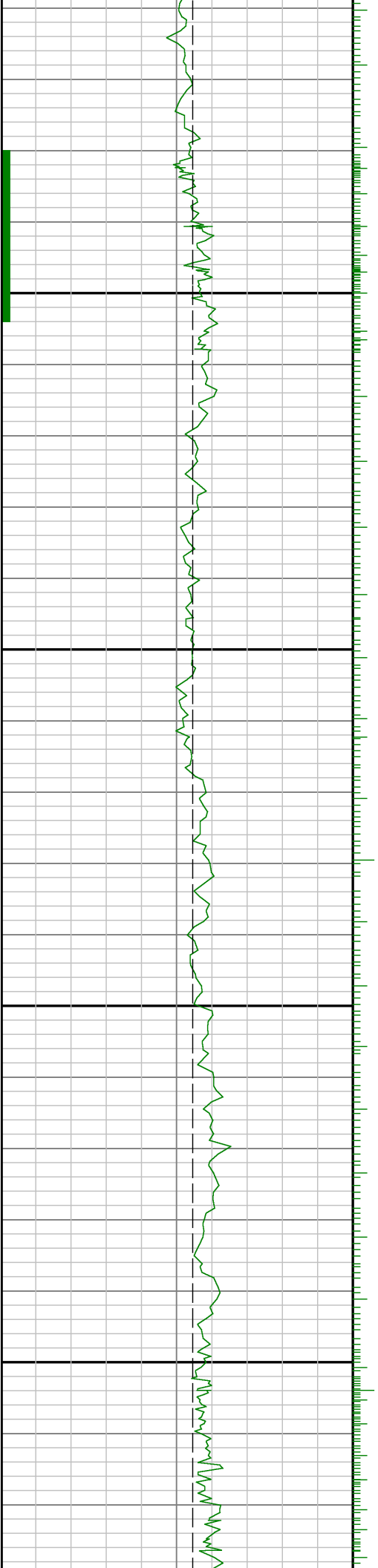




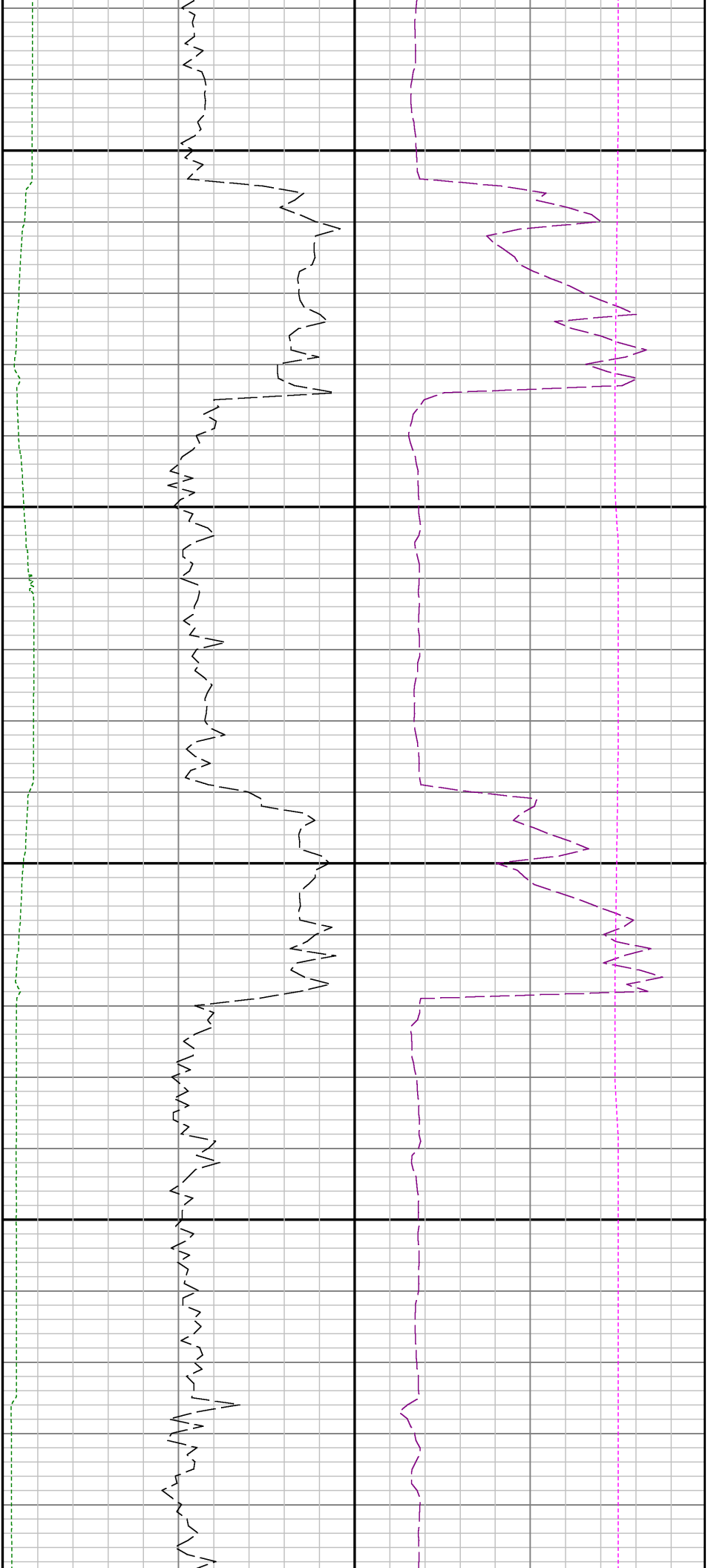


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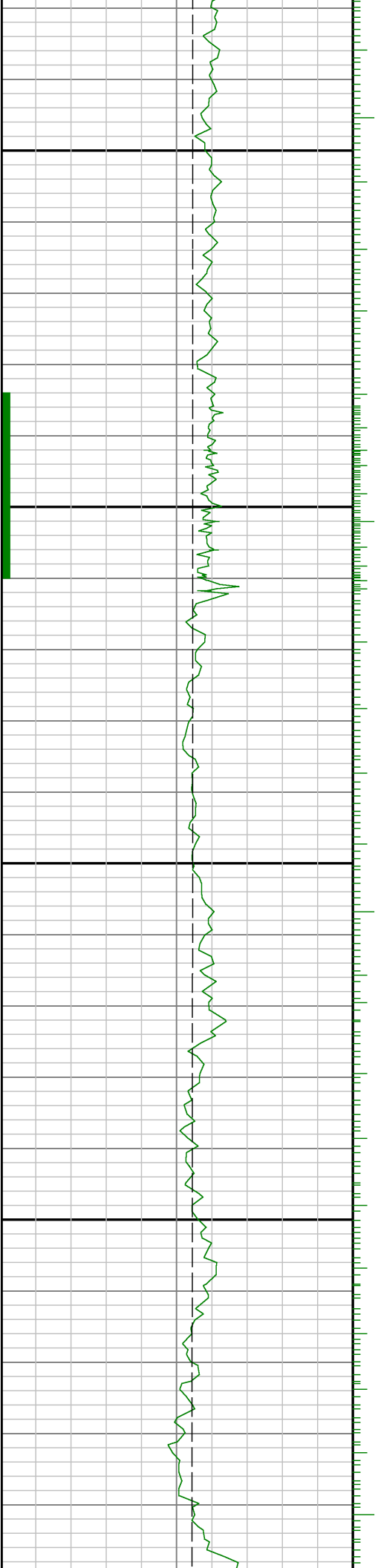


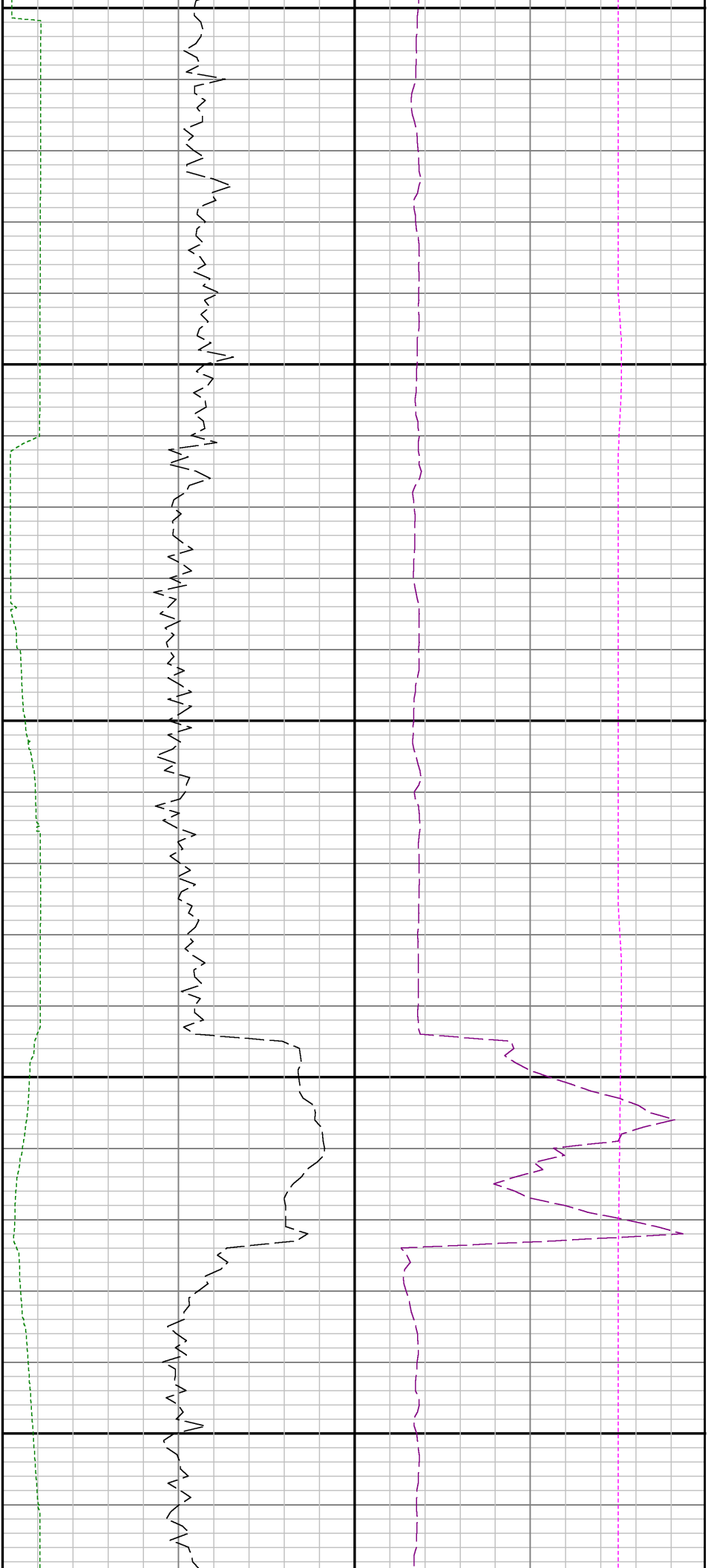




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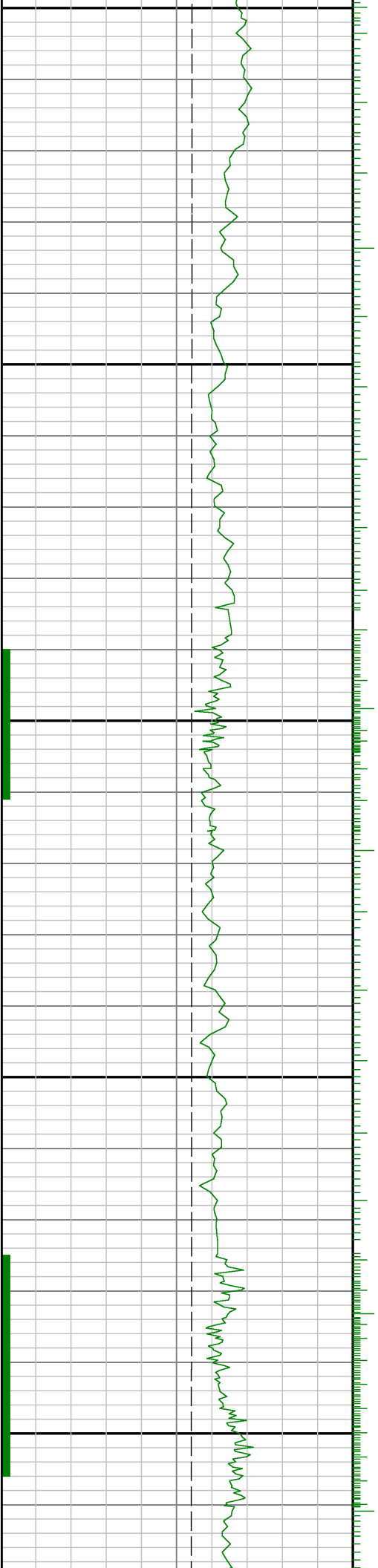
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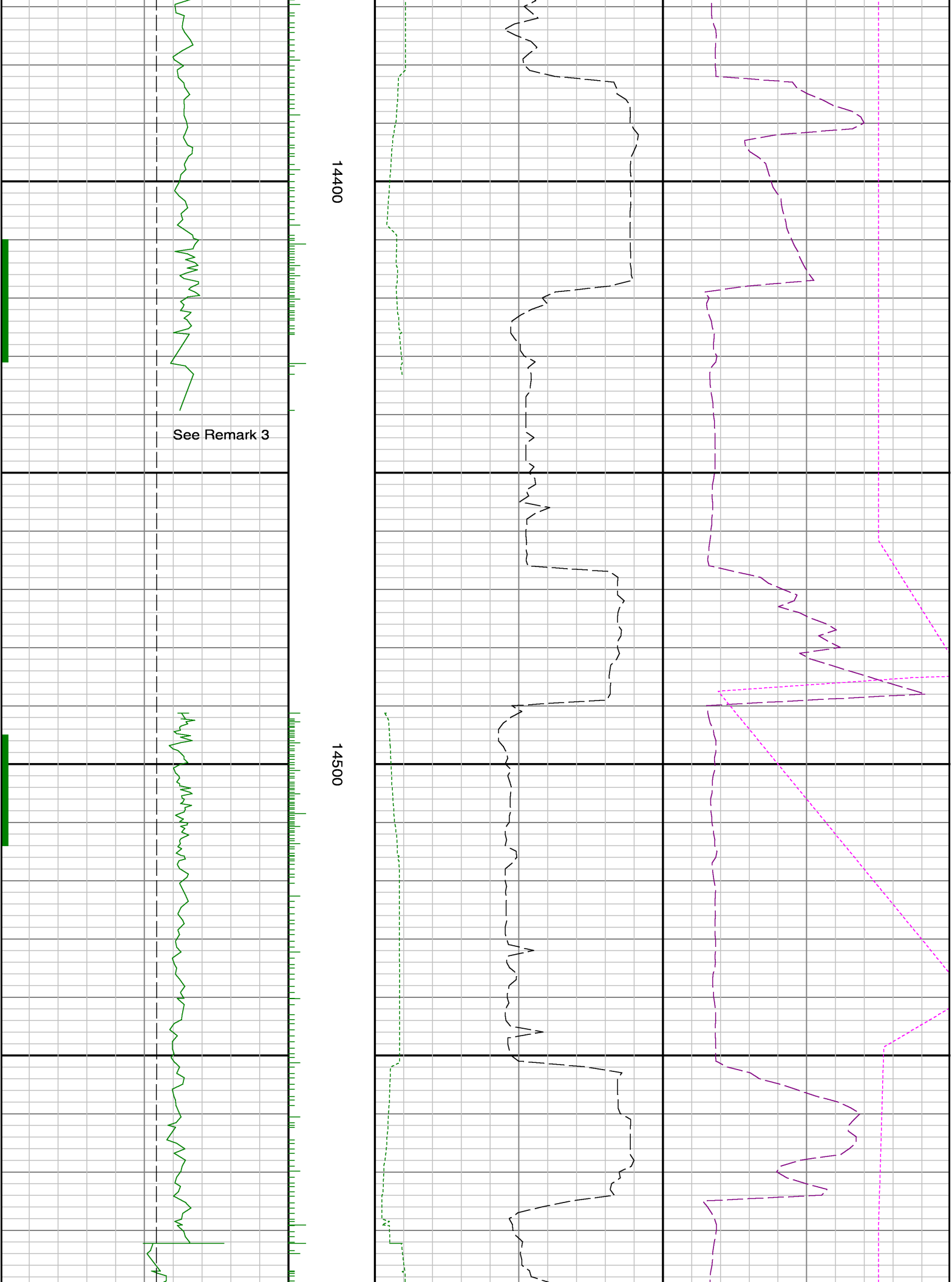


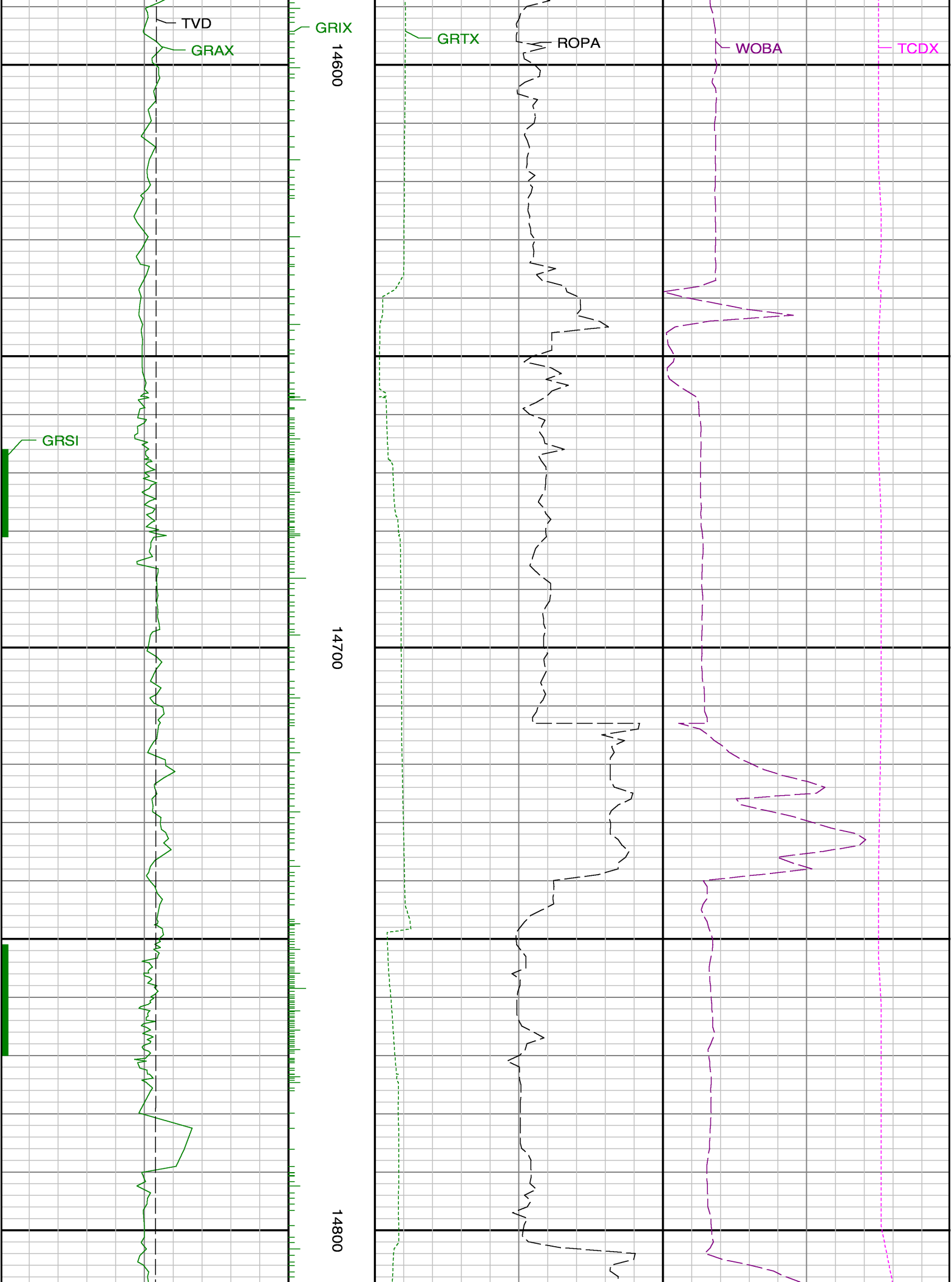


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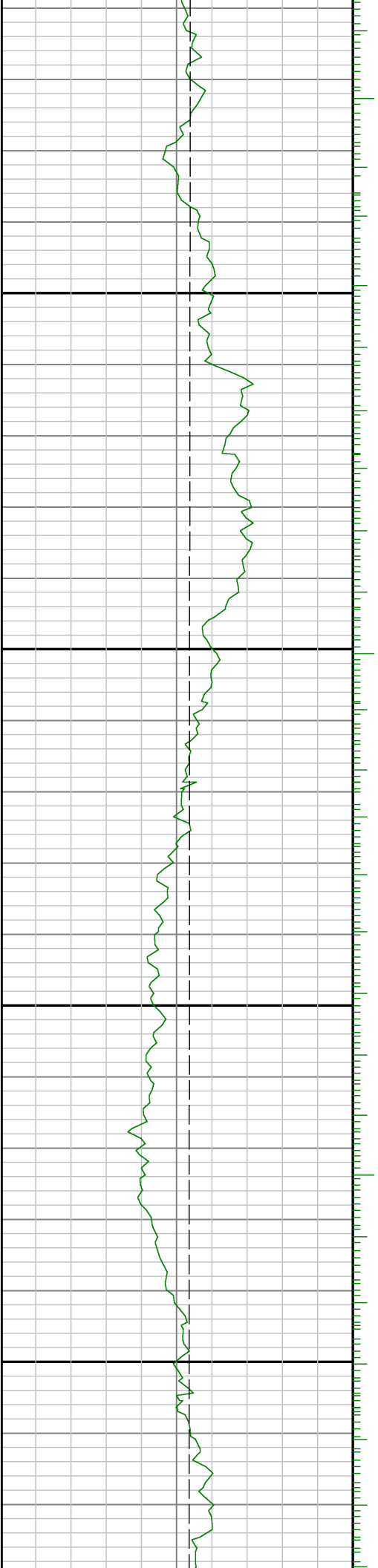


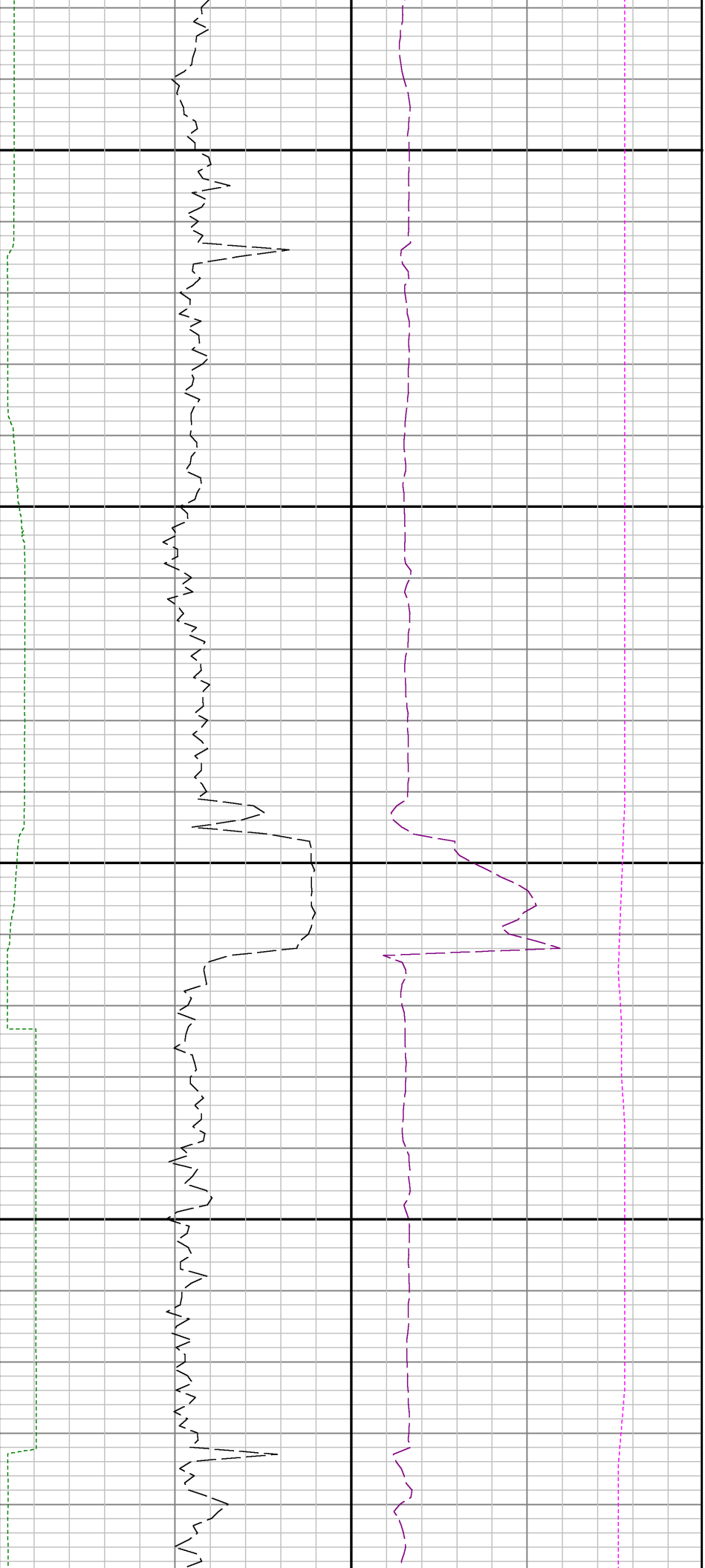




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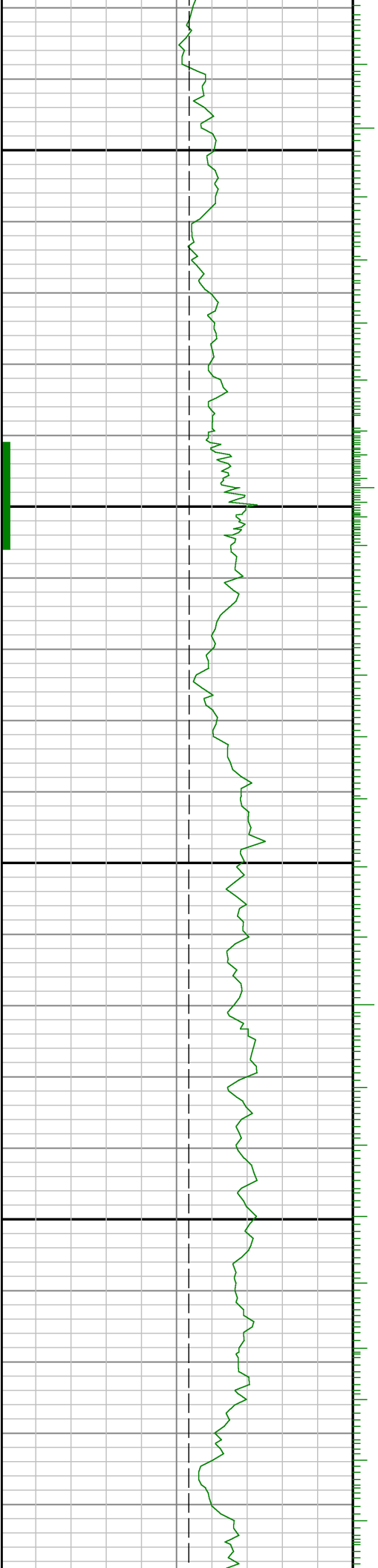
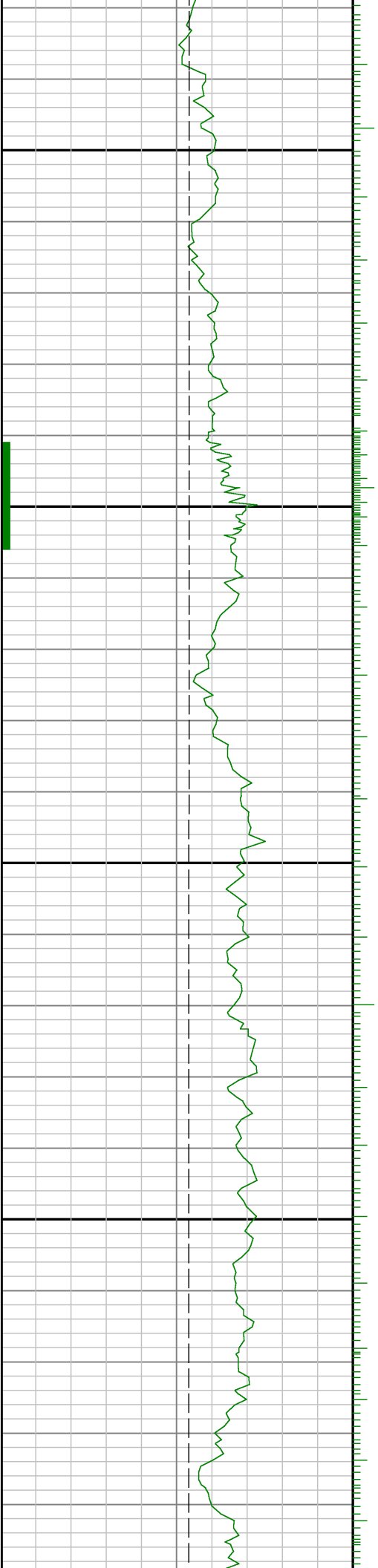
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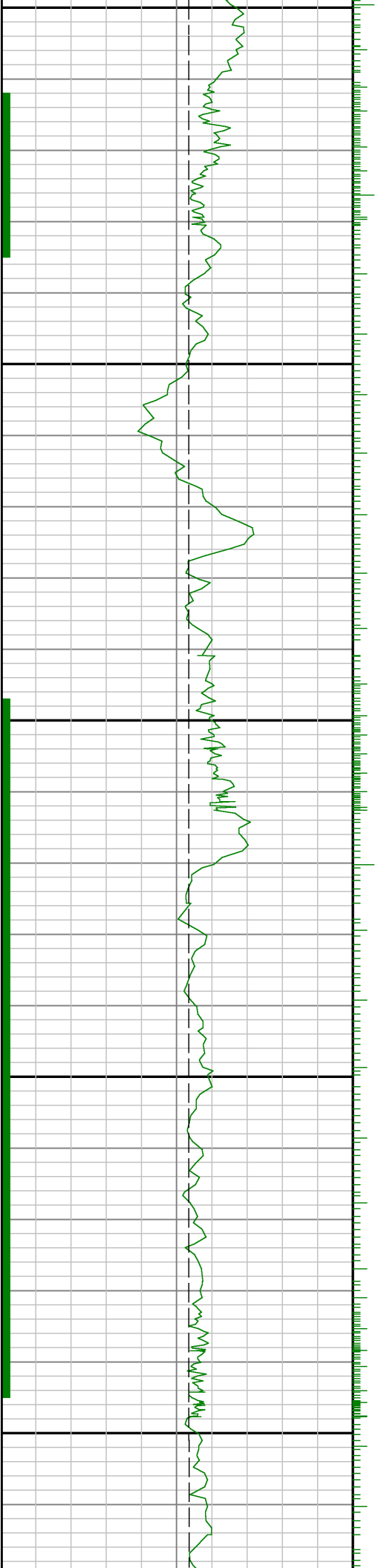
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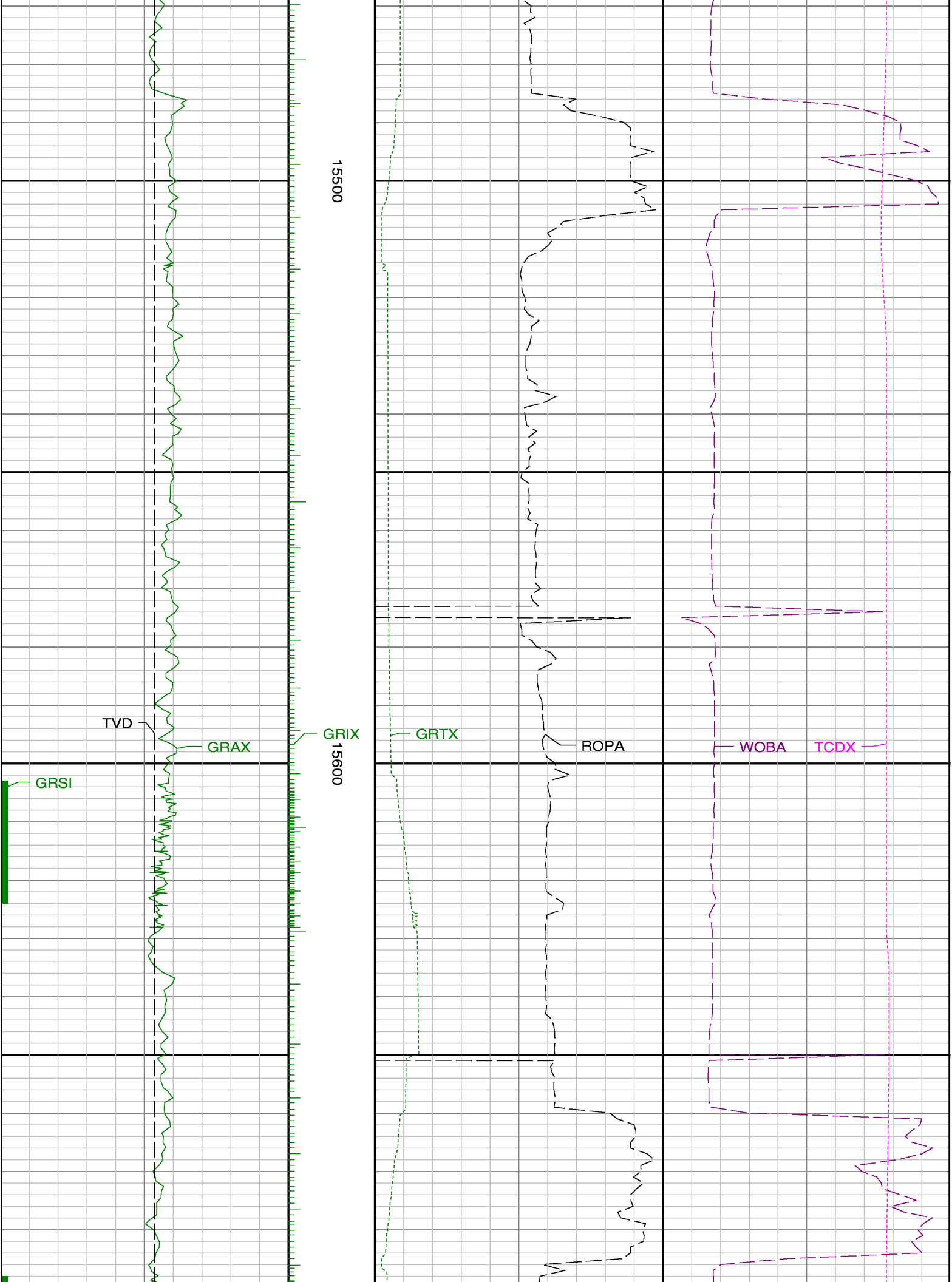




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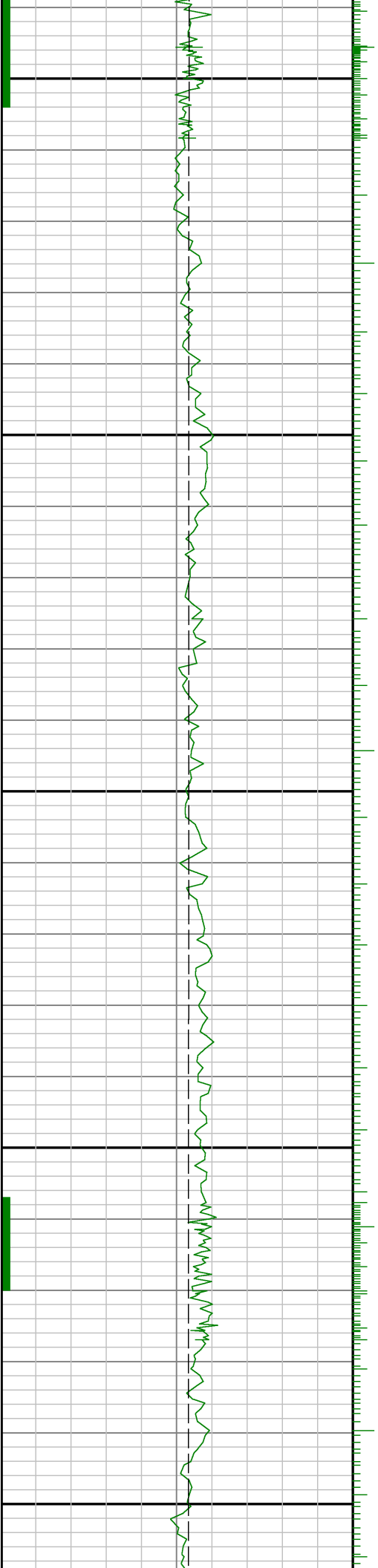


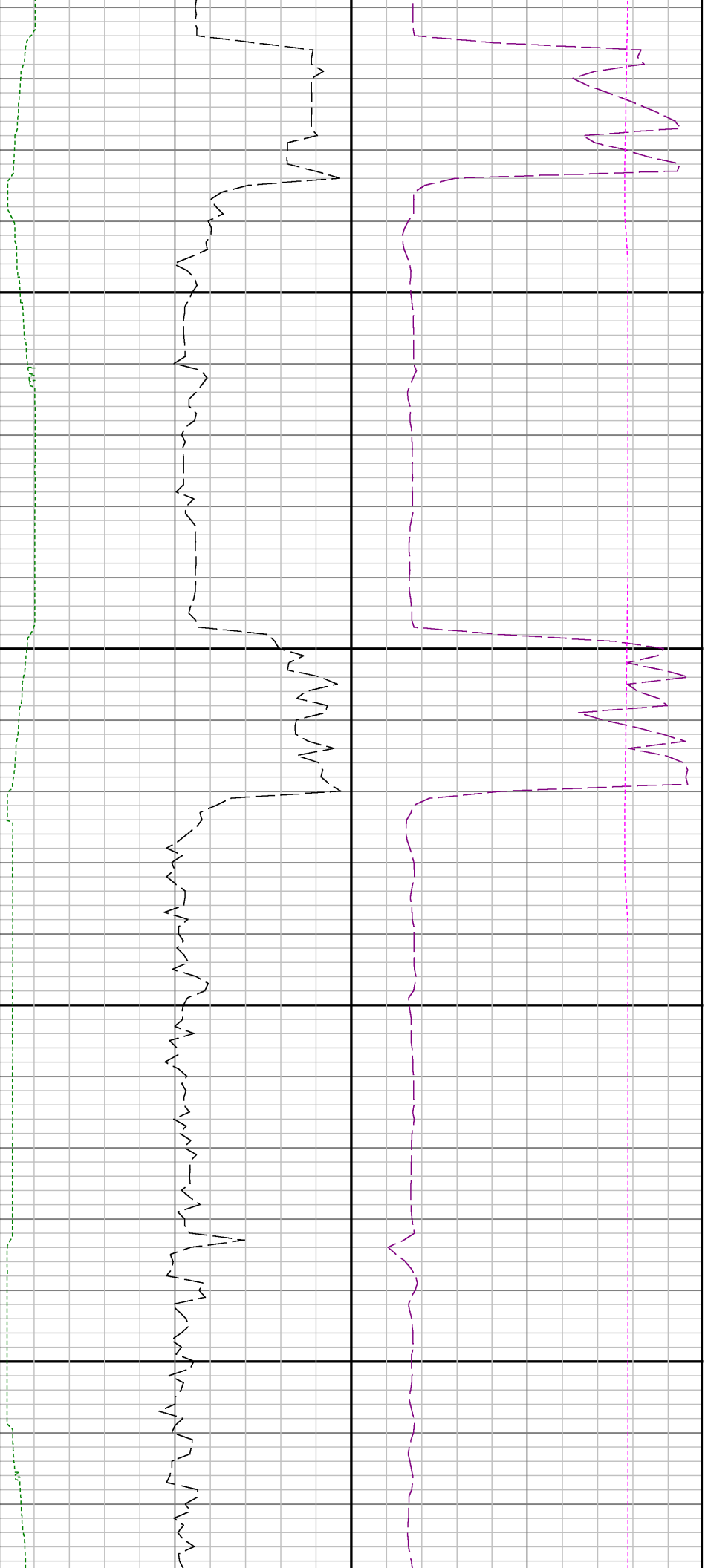


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15800

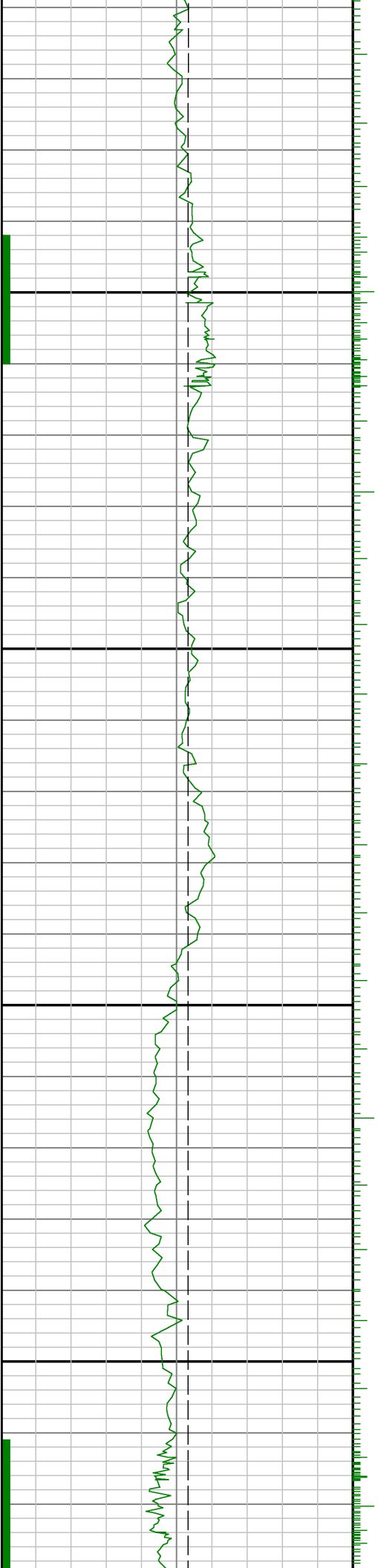
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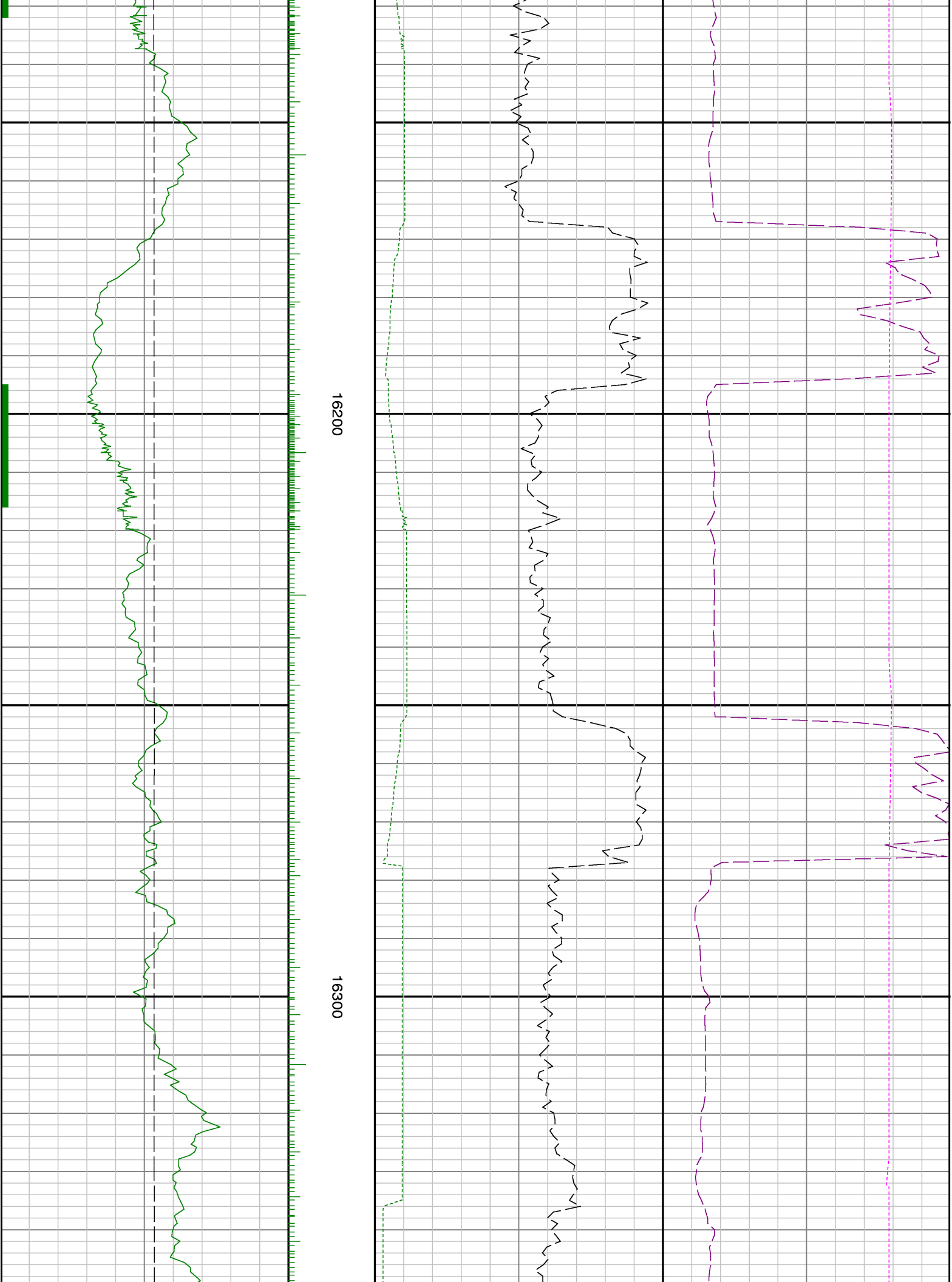


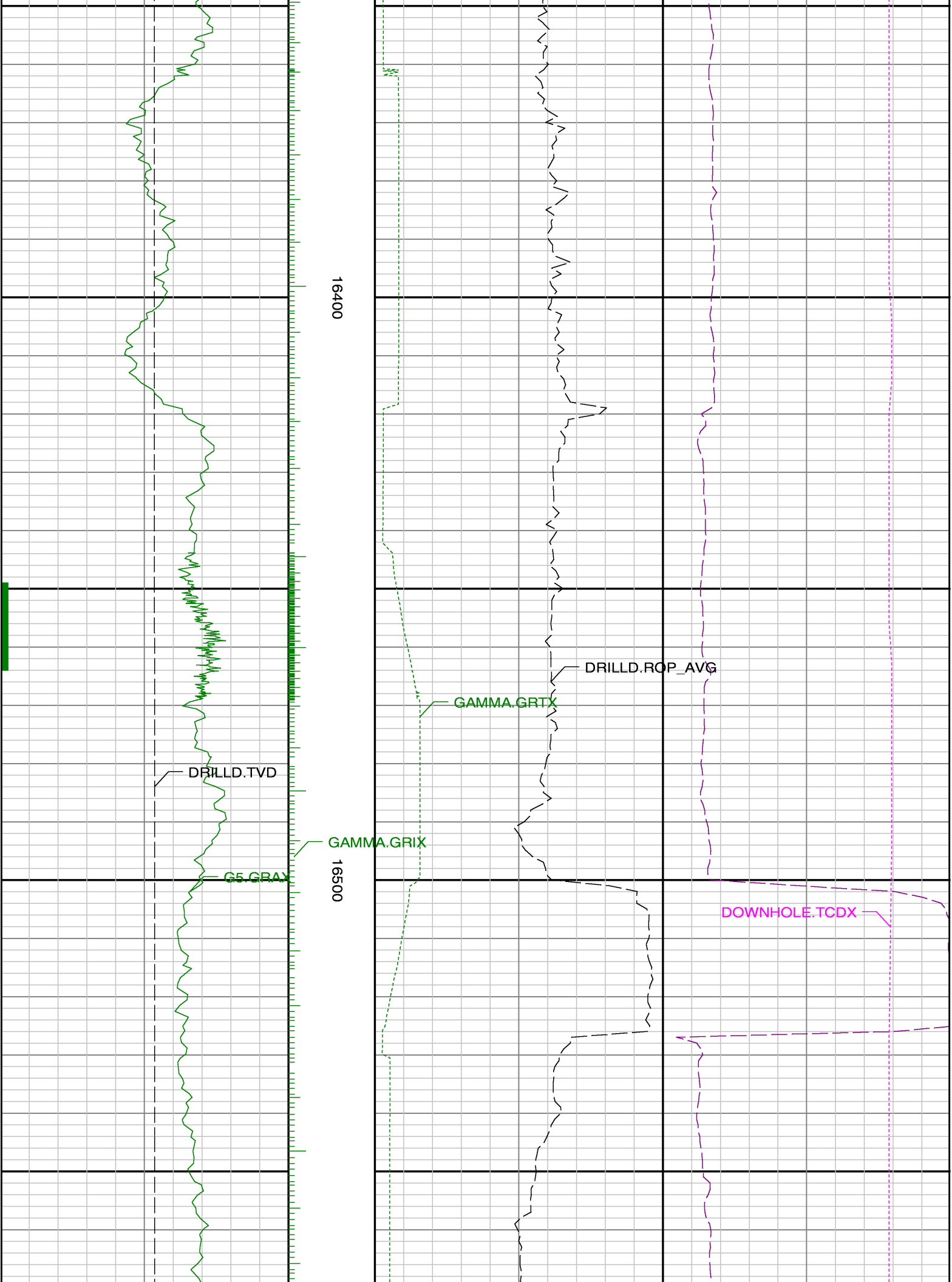


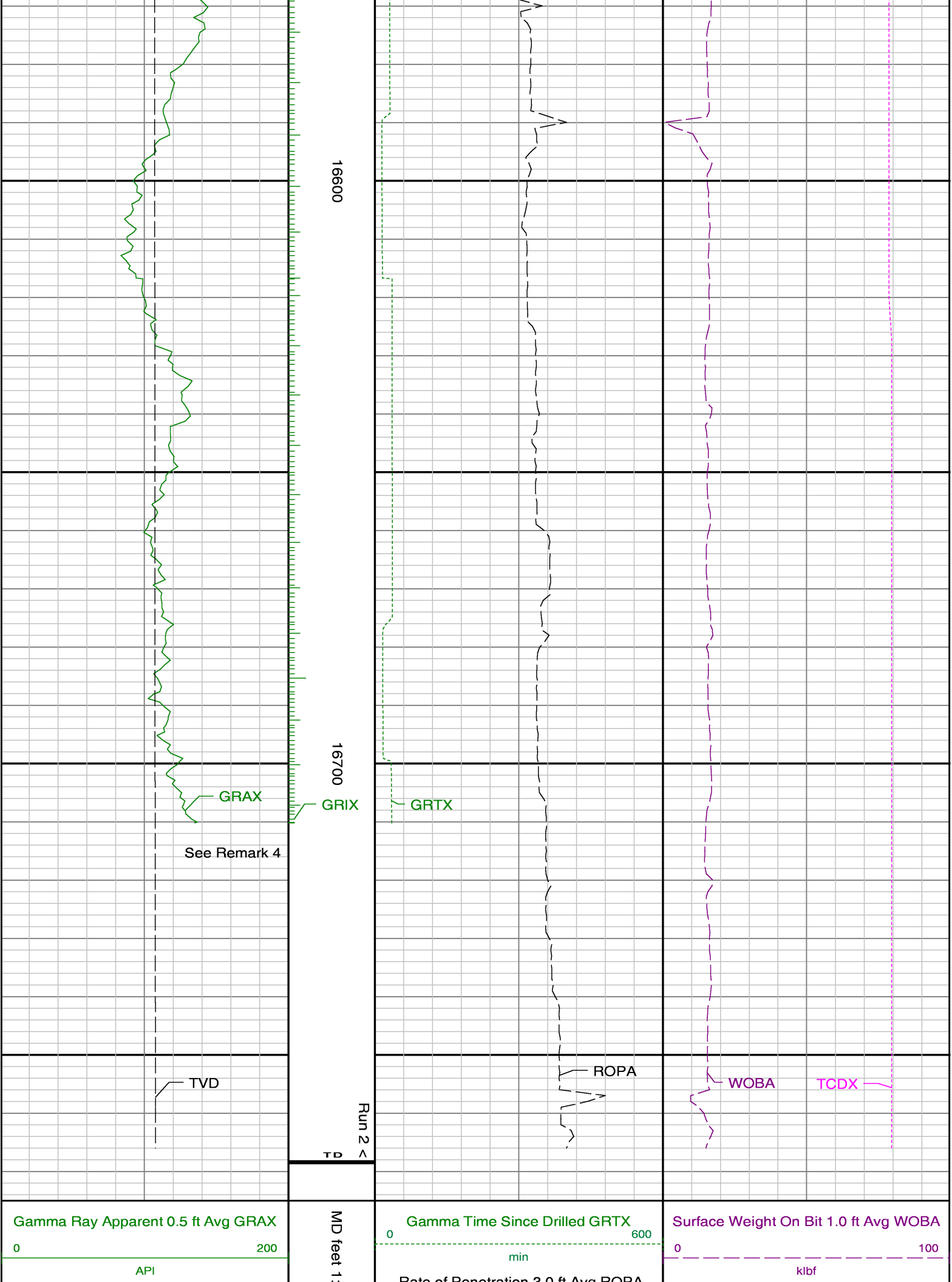
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|  |                |  |  |
|--|----------------|--|--|
| <div>8000</div> <div>True Vertical Depth TVD</div> <div>6500</div> <div>ft</div> | <div>240</div> | <div>Rate of Penetration 3.0 ft Avg ROP</div> <div>500</div> <div>0</div> <div>ft/hr</div> | <div>Downhole Temperature TCDX</div> <div>0</div> <div>300</div> <div>degF</div> |
|--|----------------|--|--|