


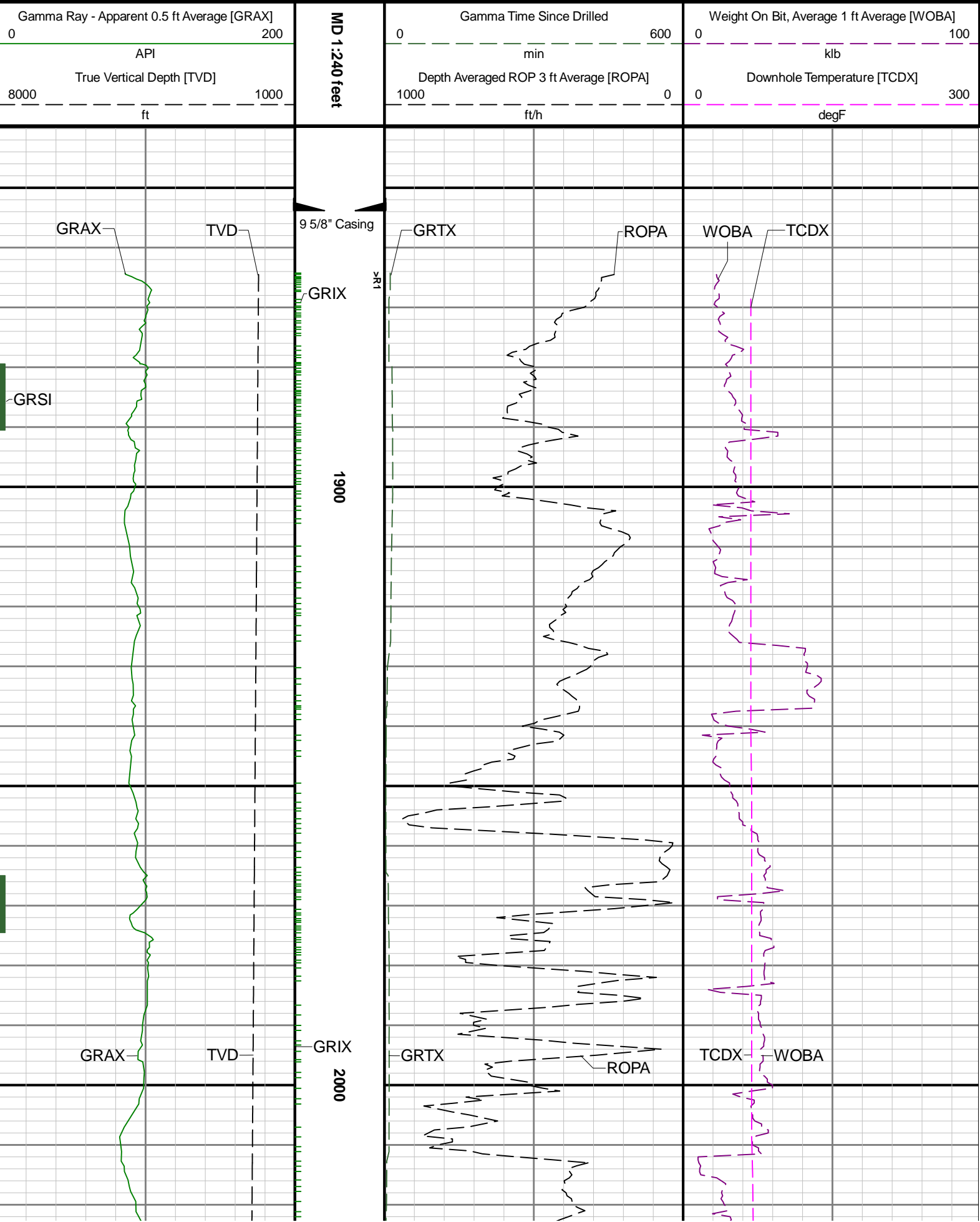
| REALTIME LOG | | | | | | | | | | | |
|---|--|--|--|--|--|------------------|--|--|--|----------------|--|
| <div><div><div><div>BAKER HUGHES</div><div>a GE company</div></div><div></div></div><div>Gamma Ray</div></div> | | | | | | | | | | | |
| Scale: 1:240 | | | | Company: Anadarko | | | | | | | |
| Measured Depth | | | | Well: MAB 15-2HZ | | | | | | | |
| | | | | Field: Weld County | | | | | | | |
| | | | | County: Weld | | | | | | | |
| | | | | Country: United States | | | | | | | |
| Depth Reference: Driller's Depth | | | | State: Colorado | | | | | | | |
| Status: Final Print | | | | Surface Location: Latitude: 040° 02' 43.415" N Longitude: 104° 45' 41.951" W | | | | Other Services: Directional | | | |
| API No: 051234923900 | | | | SEC: 15 TWN: 1N RGE: 66W | | | | | | | |
| Job ID: 109688770 | | | | | | | | | | | |
| Permanent Datum (P.D.): Ground Level | | | | Elevation: 5113.00 ft | | | | Elev. KB: N/A | | | |
| Log Measured From: Rig Floor | | | | Above P.D.: 17.00 ft | | | | Elev. DF: 5130.00 ft | | | |
| | | | | | | | | Elev. GL: 5113.00 ft | | | |
| Dates | | | | Interval | | | | Magnetic Field Reference | | | |
| From: 2019-03-14 | | | | Drilled (ft) | | Logged (ft) | | Azi Reference North: True Dip Angle: (deg) | | | |
| To: 2019-03-18 | | | | Top: 1864.00 | | Top: 1864.00 | | Total Magnetic Field Strength: (nT) | | | |
| Spud: 2019-03-12 | | | | Bottom: 17638.60 | | Bottom: 17588.98 | | Mag to Reference North Correction: (deg) | | | |
| Borehole Record | | | | Casing Record | | | | | | | |
| Hole Size (in) | | | | From (ft) | | To (ft) | | Size (in) | | Weight (lb/ft) | |
| | | | | 13.500 | | 17.00 | | 1864.00 | | 9.625 | |
| | | | | 7.875 | | 1864.00 | | 18277.00 | | | |
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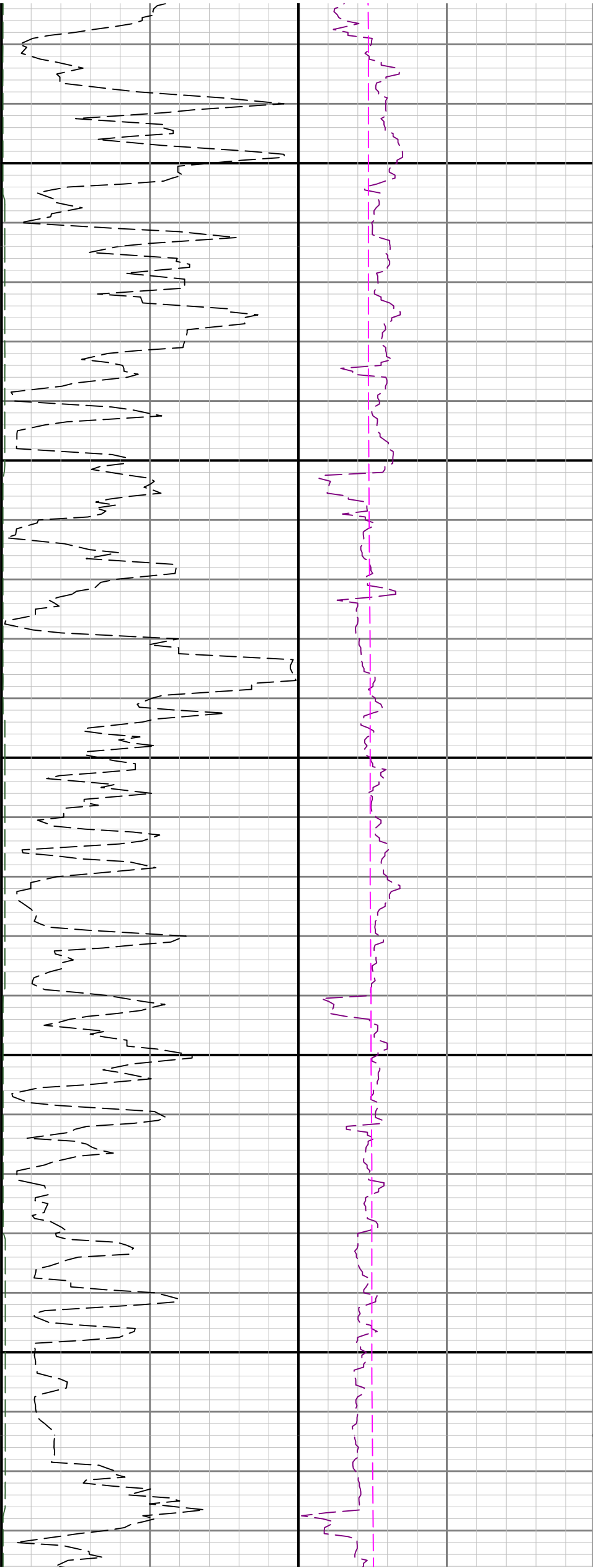
Comments

- 1
- Depth measurements were obtained from a depth control system not supplied by Baker Hughes. Due to lack of control by Baker Hughes logging engineers depth calibrations and measurements could not be independently verified and the unverified depths as supplied to Baker Hughes are being used to represent logging data.
- 2
- Baker Hughes Runs 1 and 2 utilized 6 1/2 inch Evo One services (Directional and Gamma Ray) behind a 7 7/8 inch bit and steerable assembly from 1864 to 18277 feet MD (1850 to 7617 feet TVD).
- 3
- Gamma Ray (GRAX) scale is presented from a 0 to 200 API scale at the request of the customer.
- 4
- A sliding indicator is shown on the left side of track 1 as a heavy line. This indicator has been depth-shifted to the Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.

Remarks

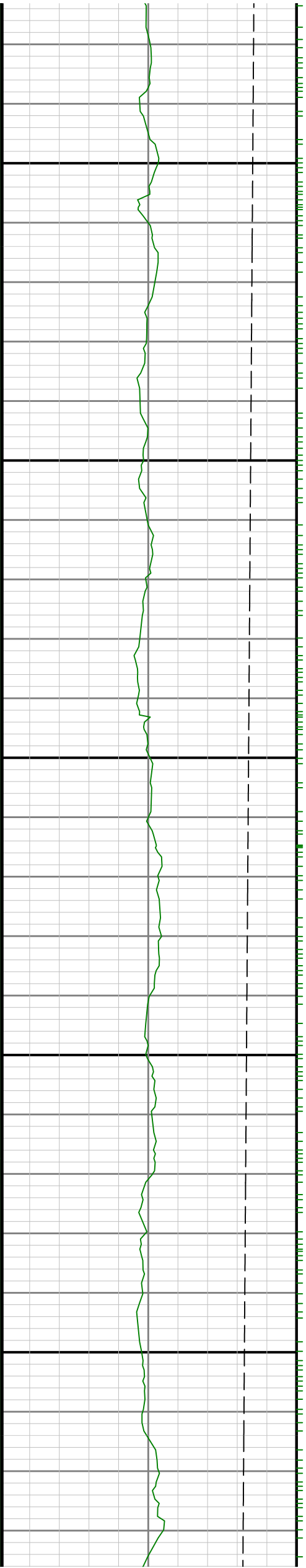
| Number | Depth (ft) | Hole Section (in) | Run No. | Remark |
|--------|---------------|-------------------------|------------|--|
| 1 | 10673.00 | 7.875 | 1 | The interval from 10673 to 10695 feet MD (7636 to 7636 feet TVD) was not logged due to transmission interruptions in the downhole signal. |
| 2 | 15309.00 | 7.875 | 2 | The interval from 15309 to 15375 feet MD (7627 to 7626 feet TVD) was logged up to 32 hours after being drilled due to a trip out of hole to pick up a new MWD. |
| 3 | 18277.00 | 7.875 | 2 | The interval from 18226 to 18277 feet MD (1850 to 7617 feet TVD) was not logged due to sensor to bit offset at well TD. |

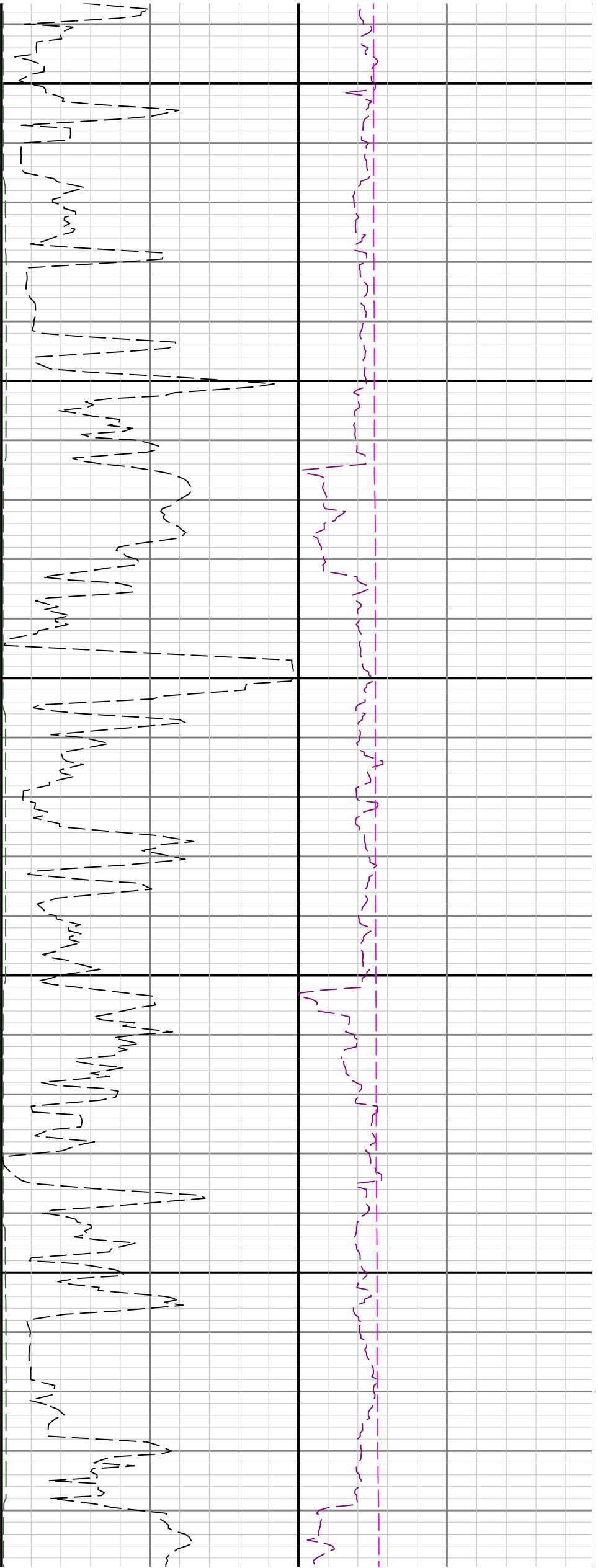




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2200

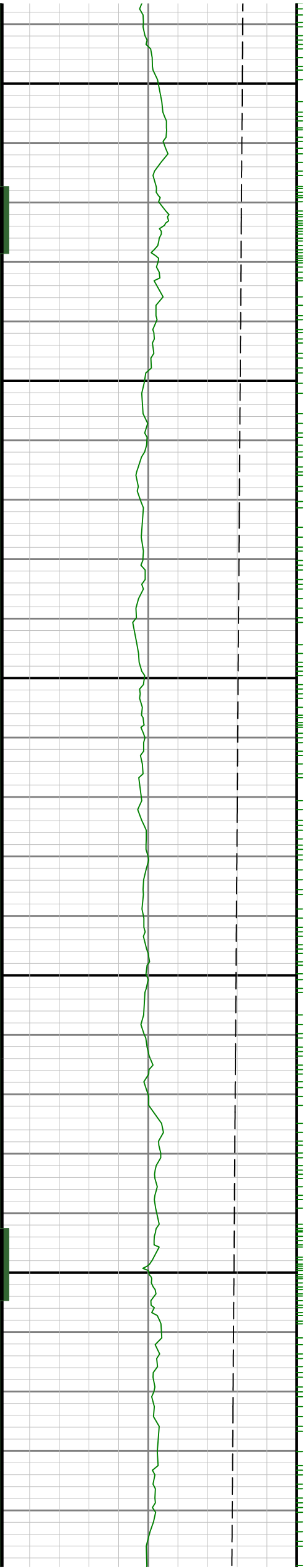


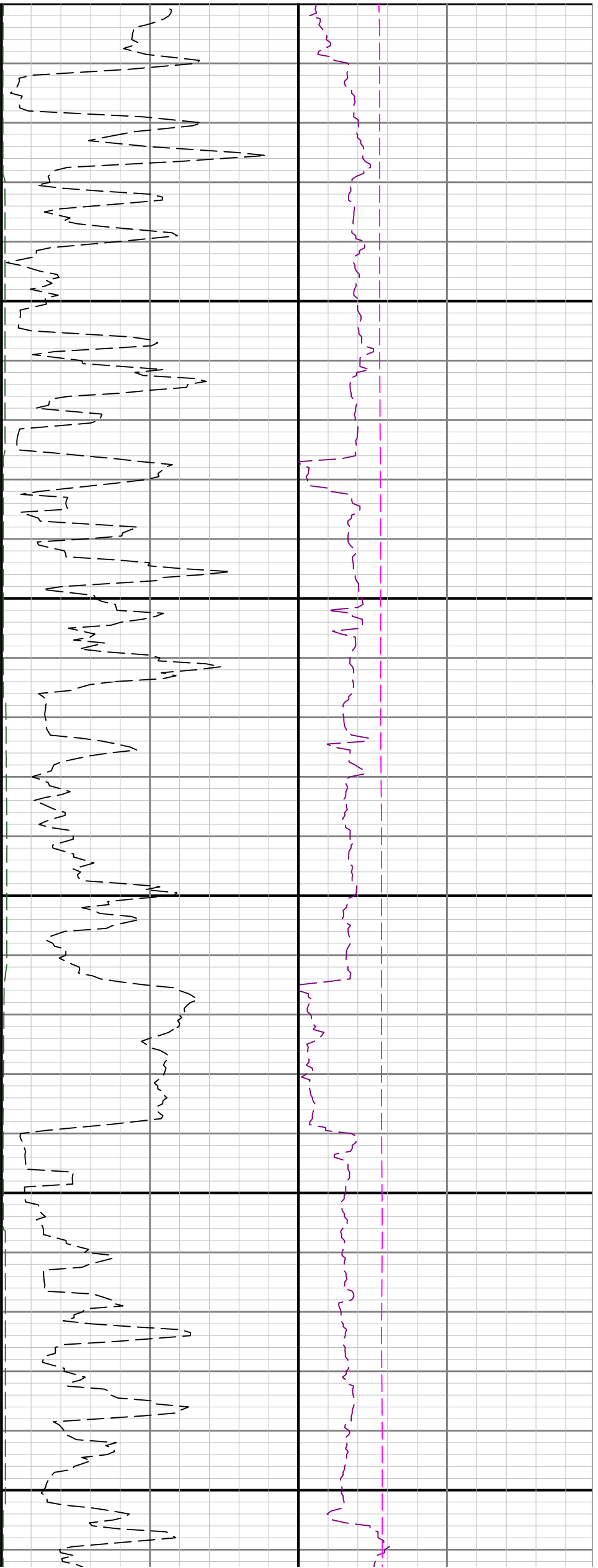


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2400

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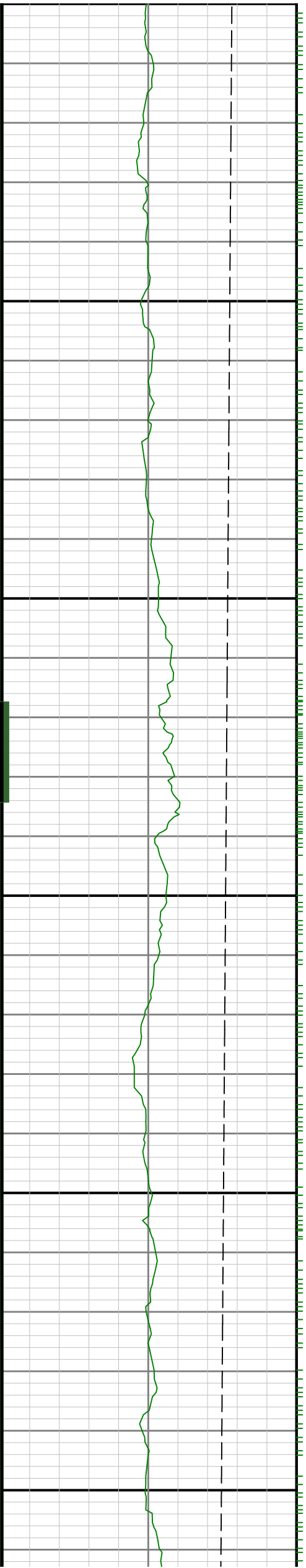


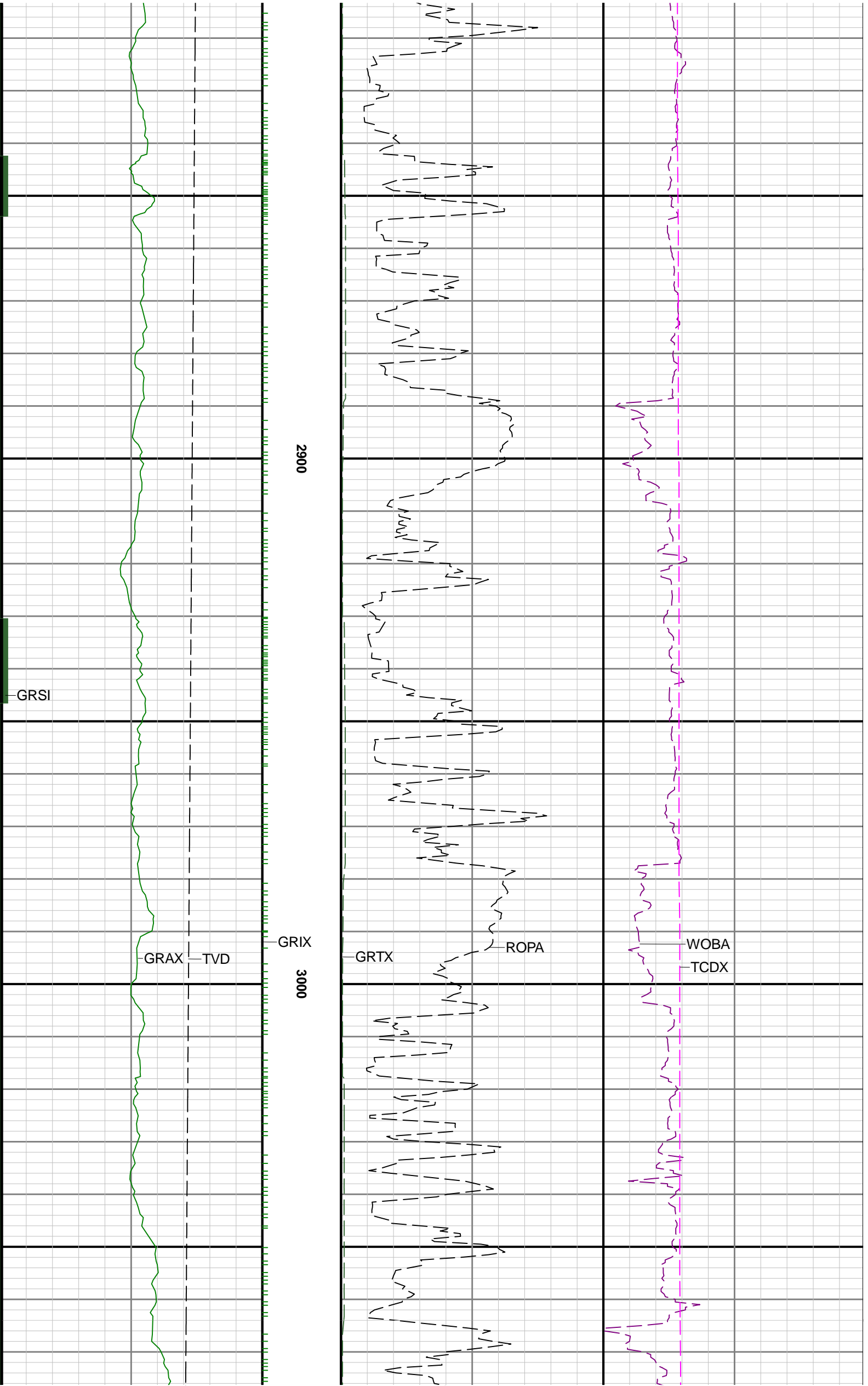


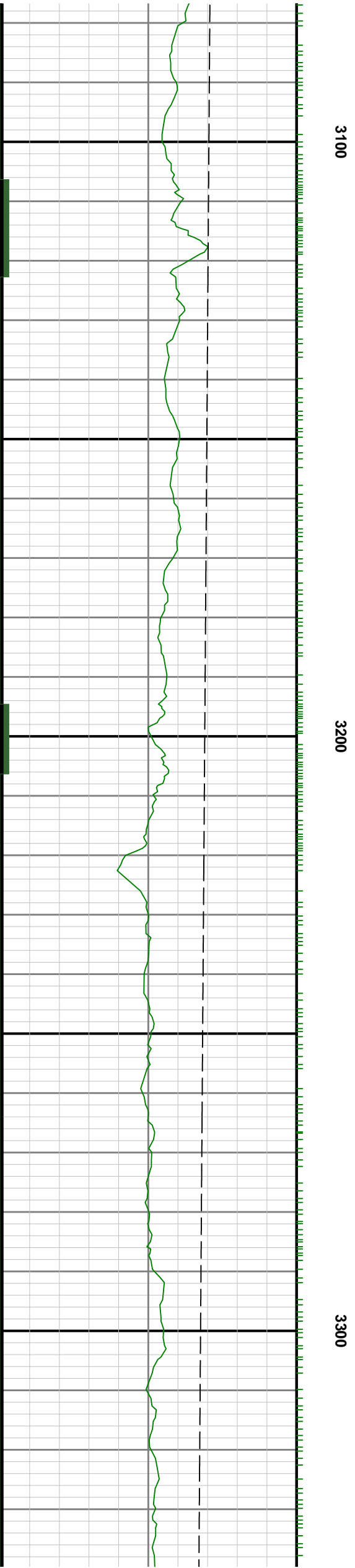
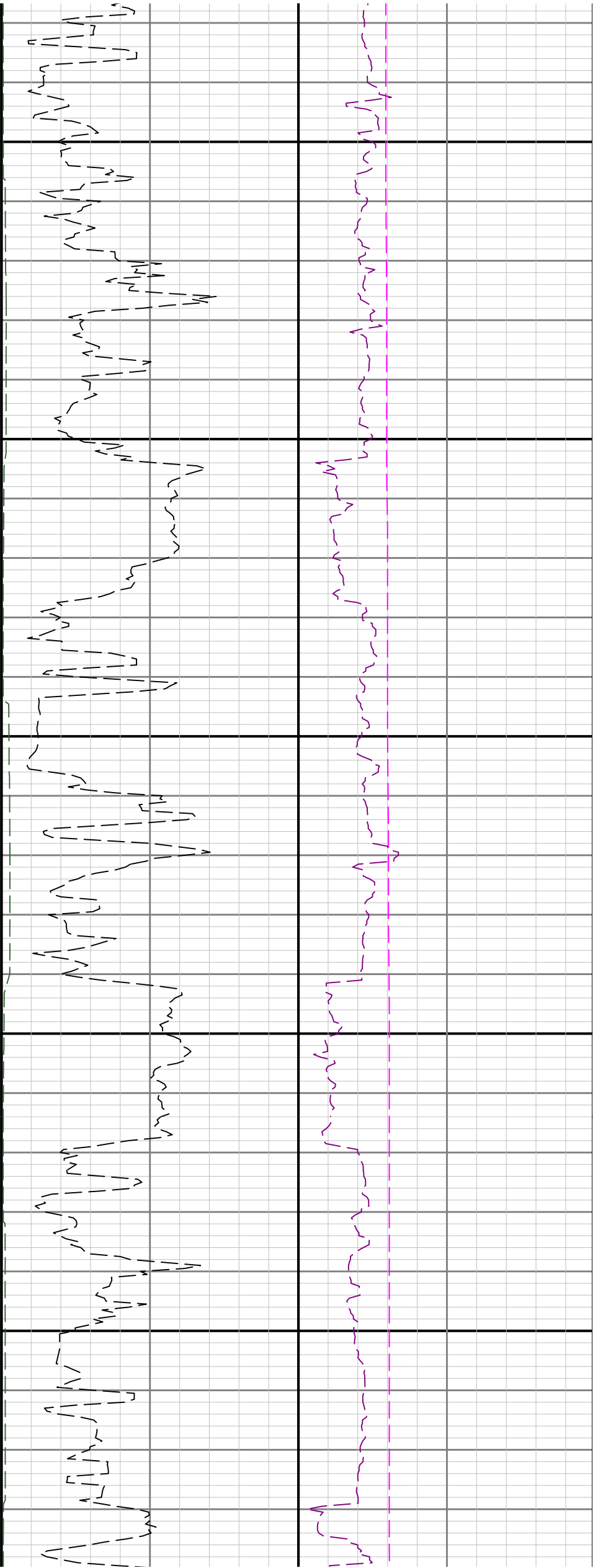
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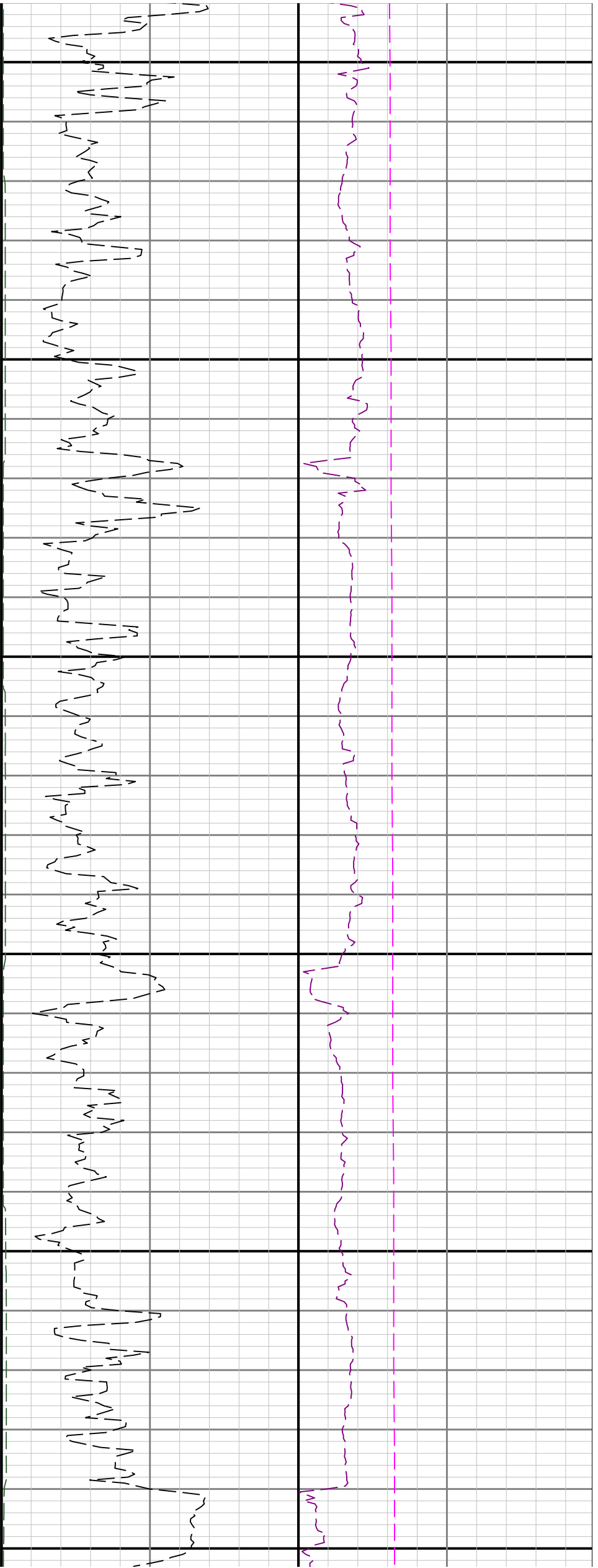
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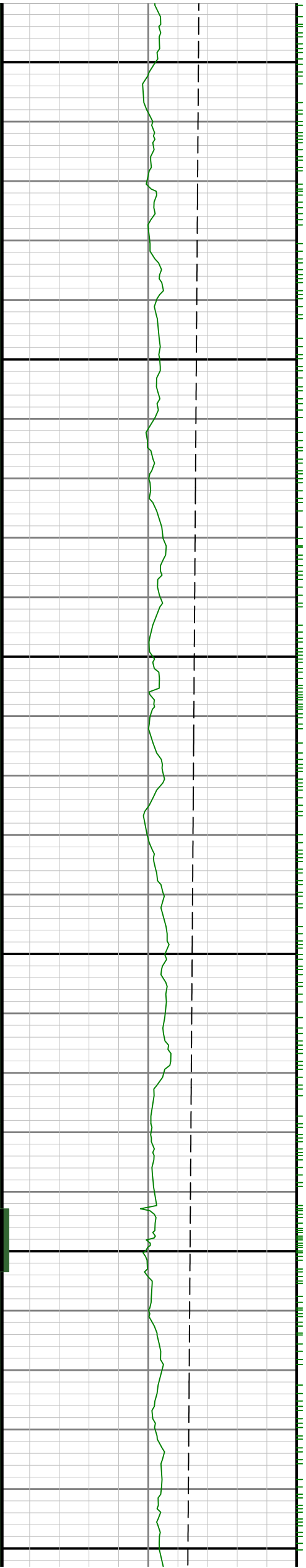


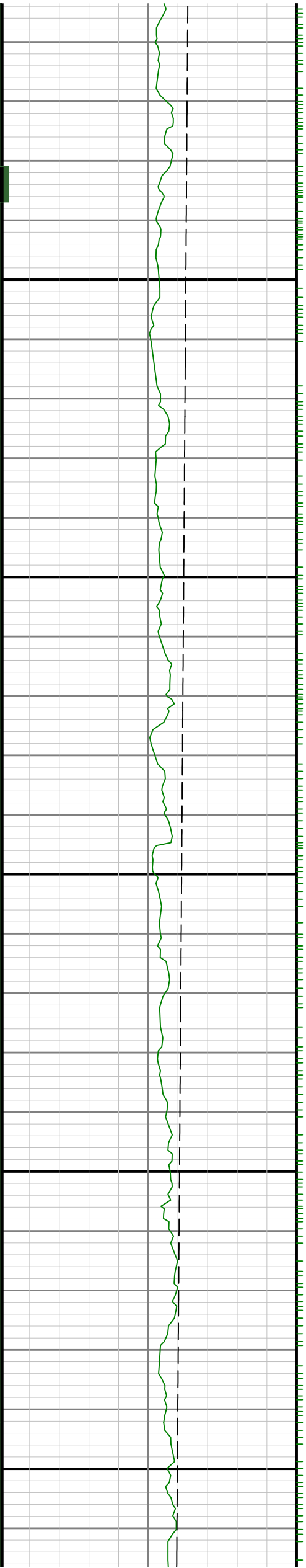
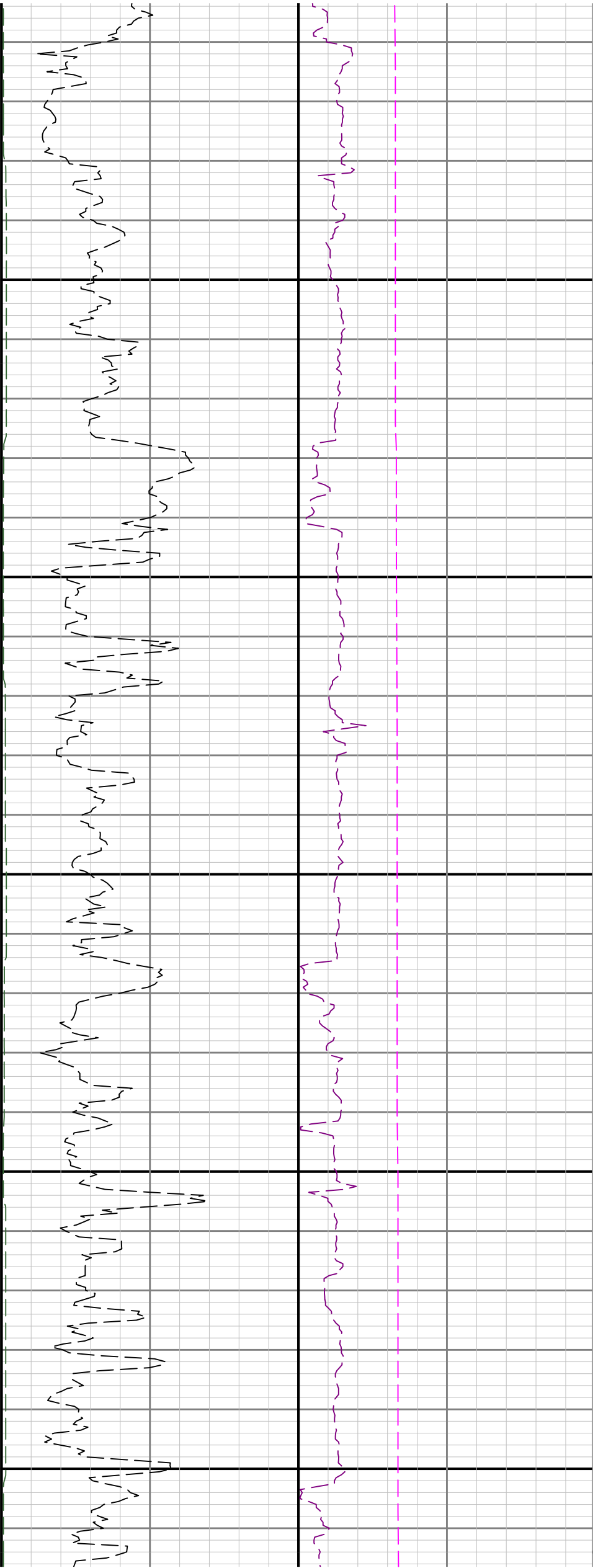


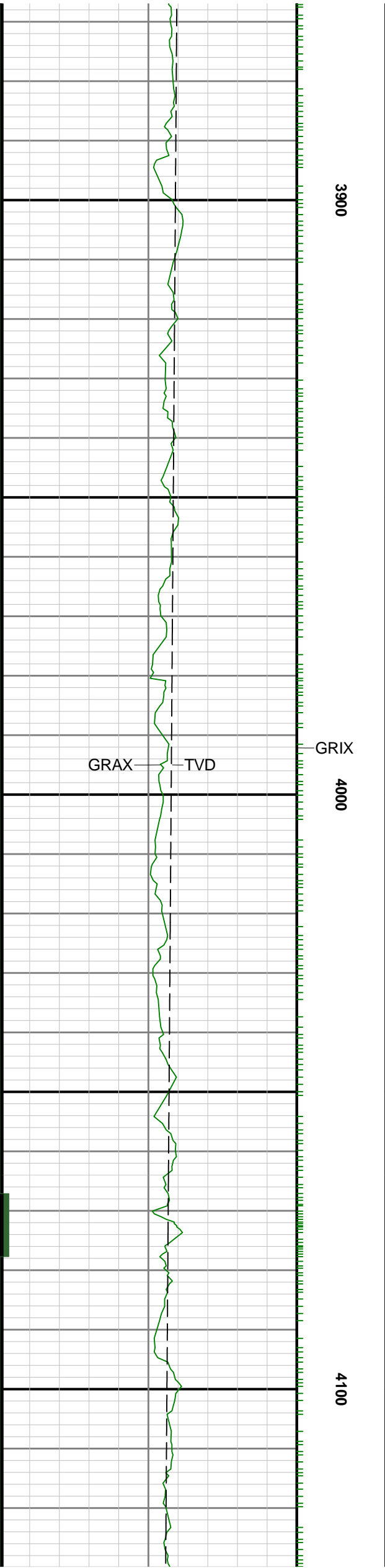
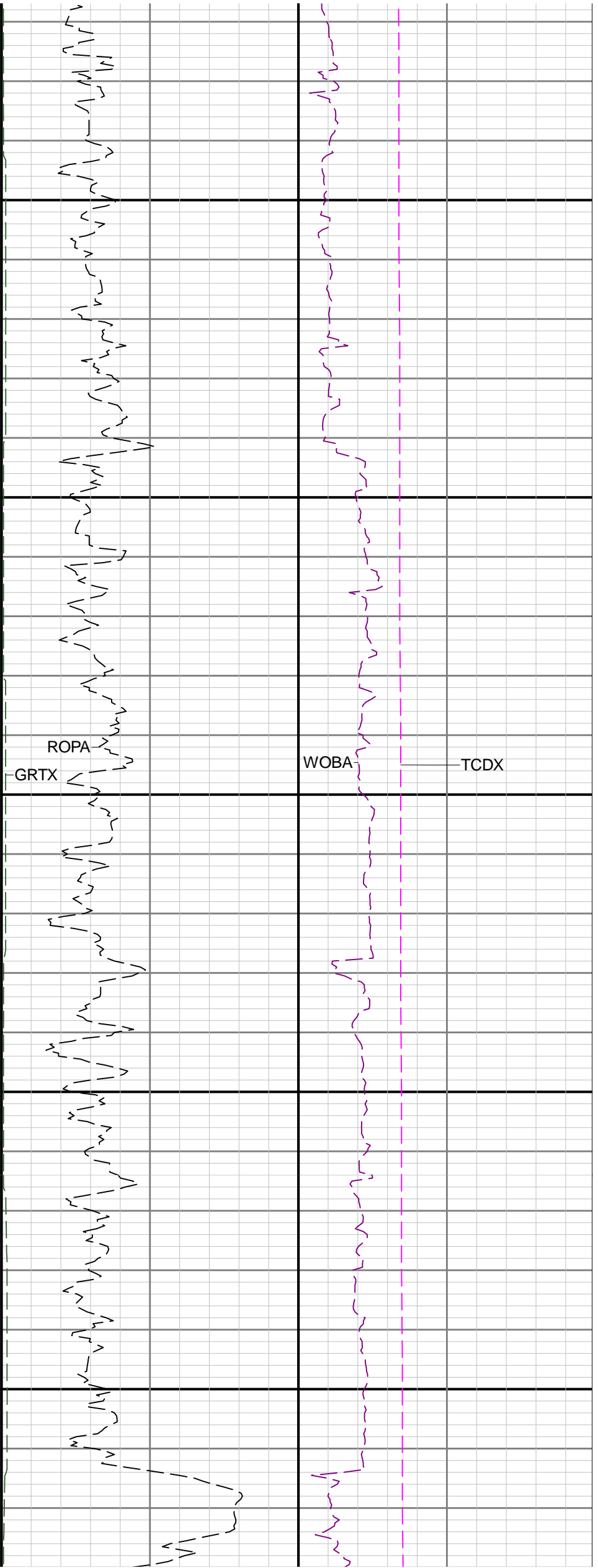
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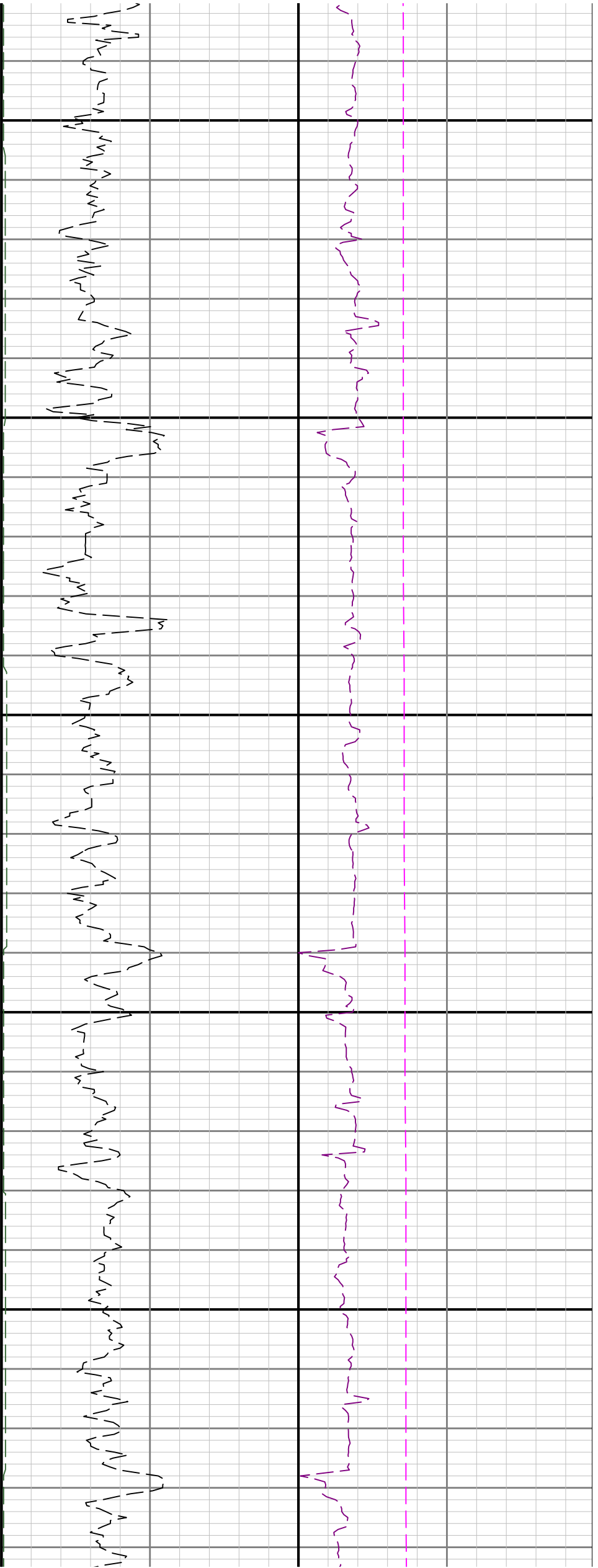
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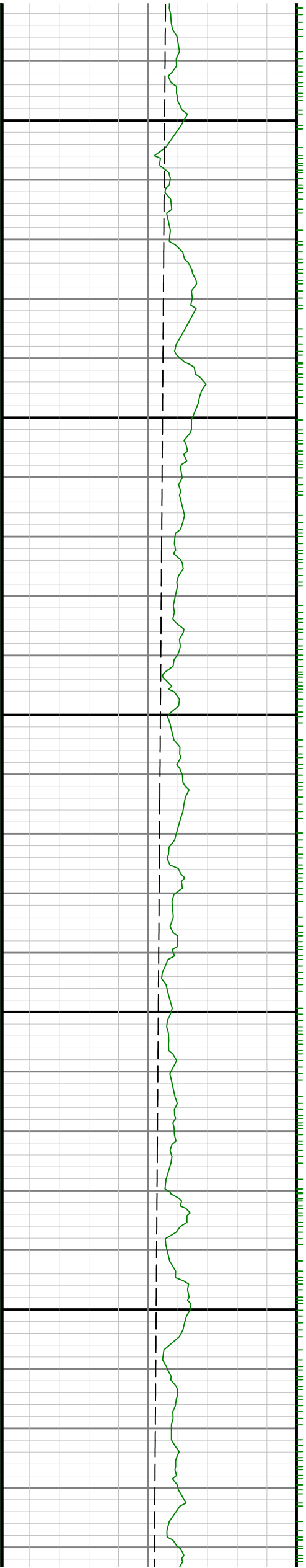


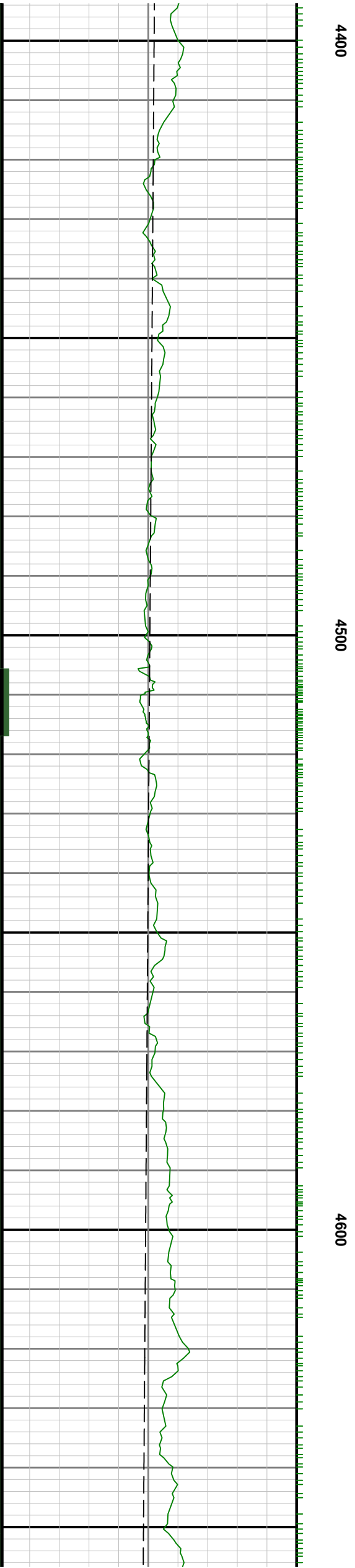
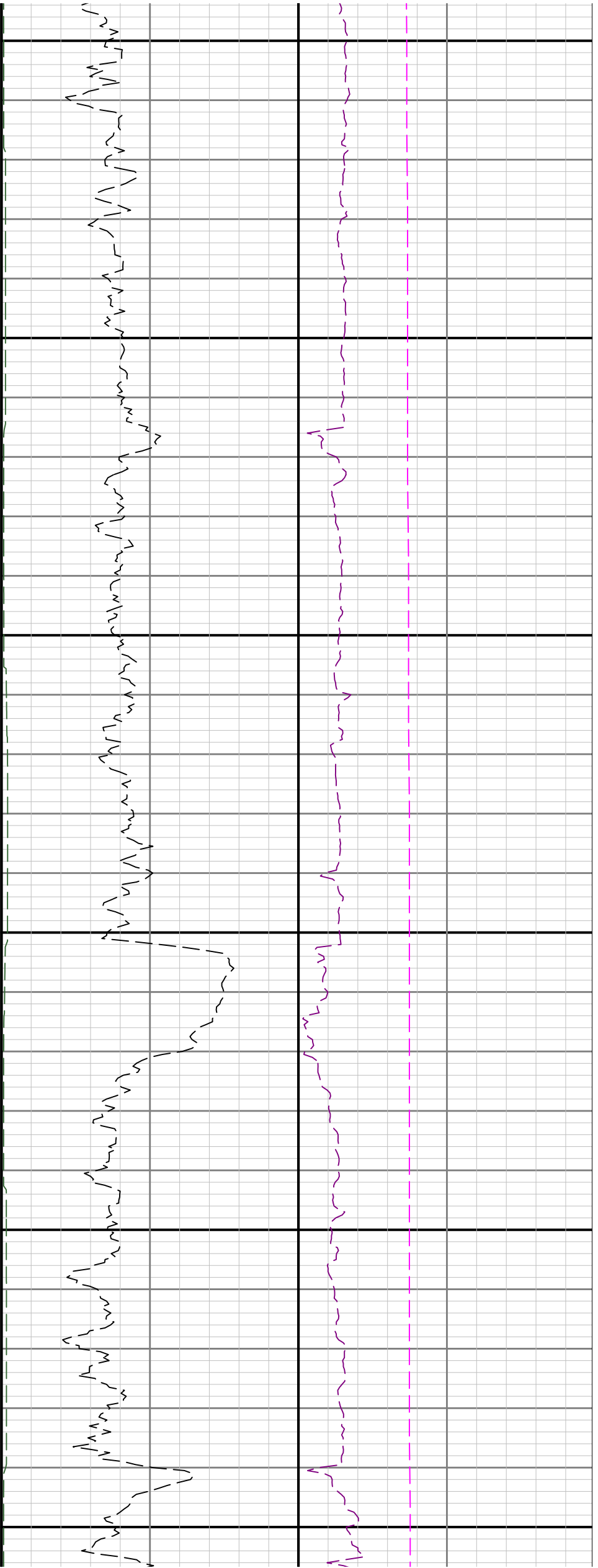


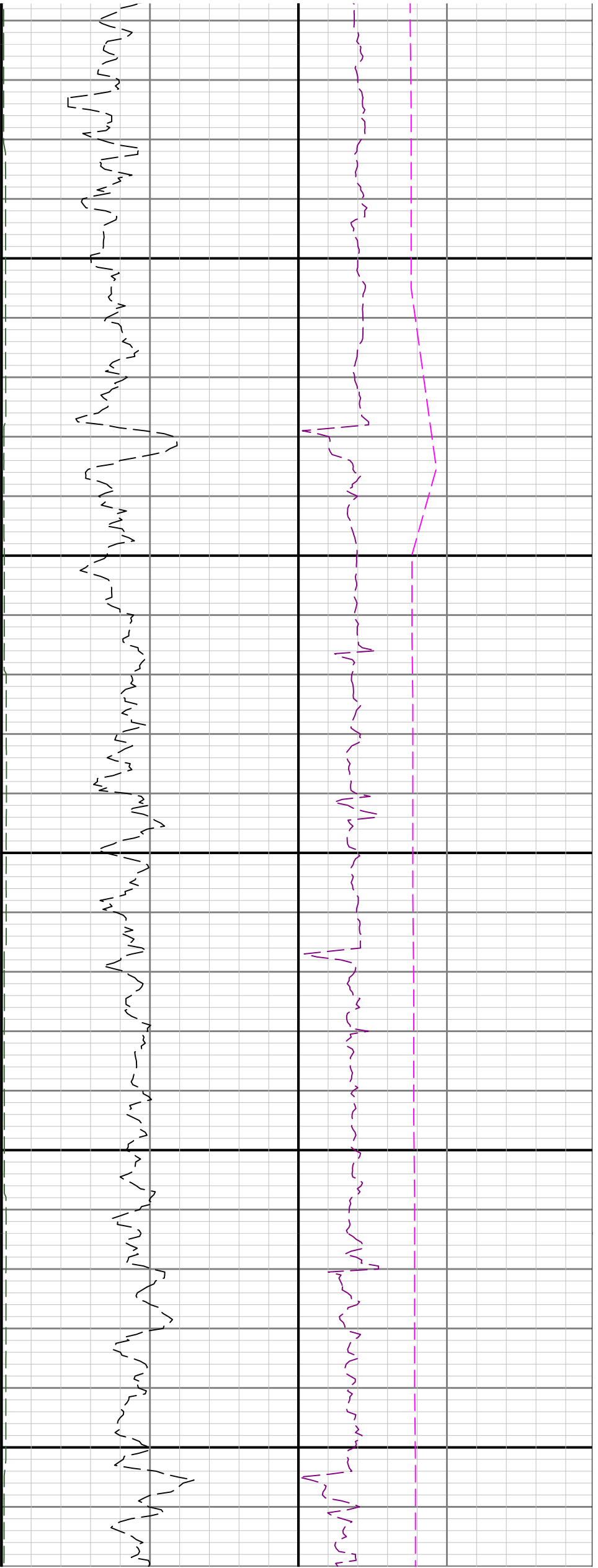


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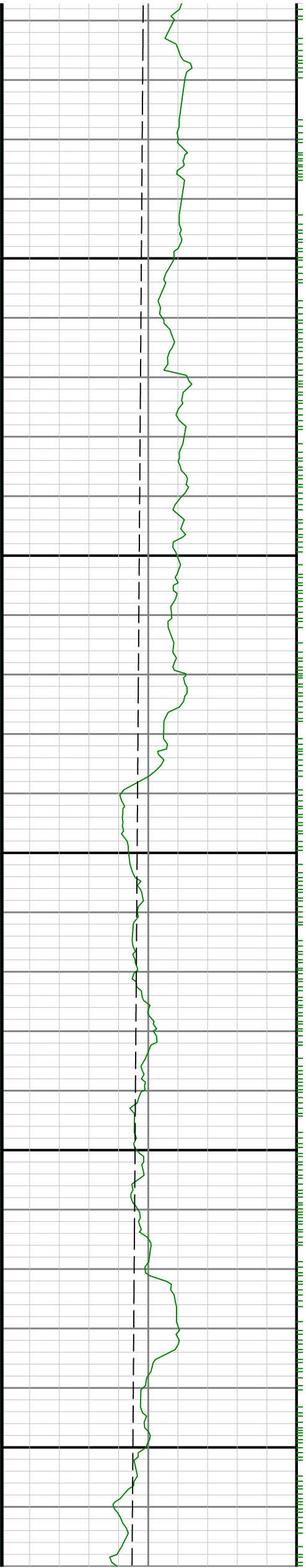


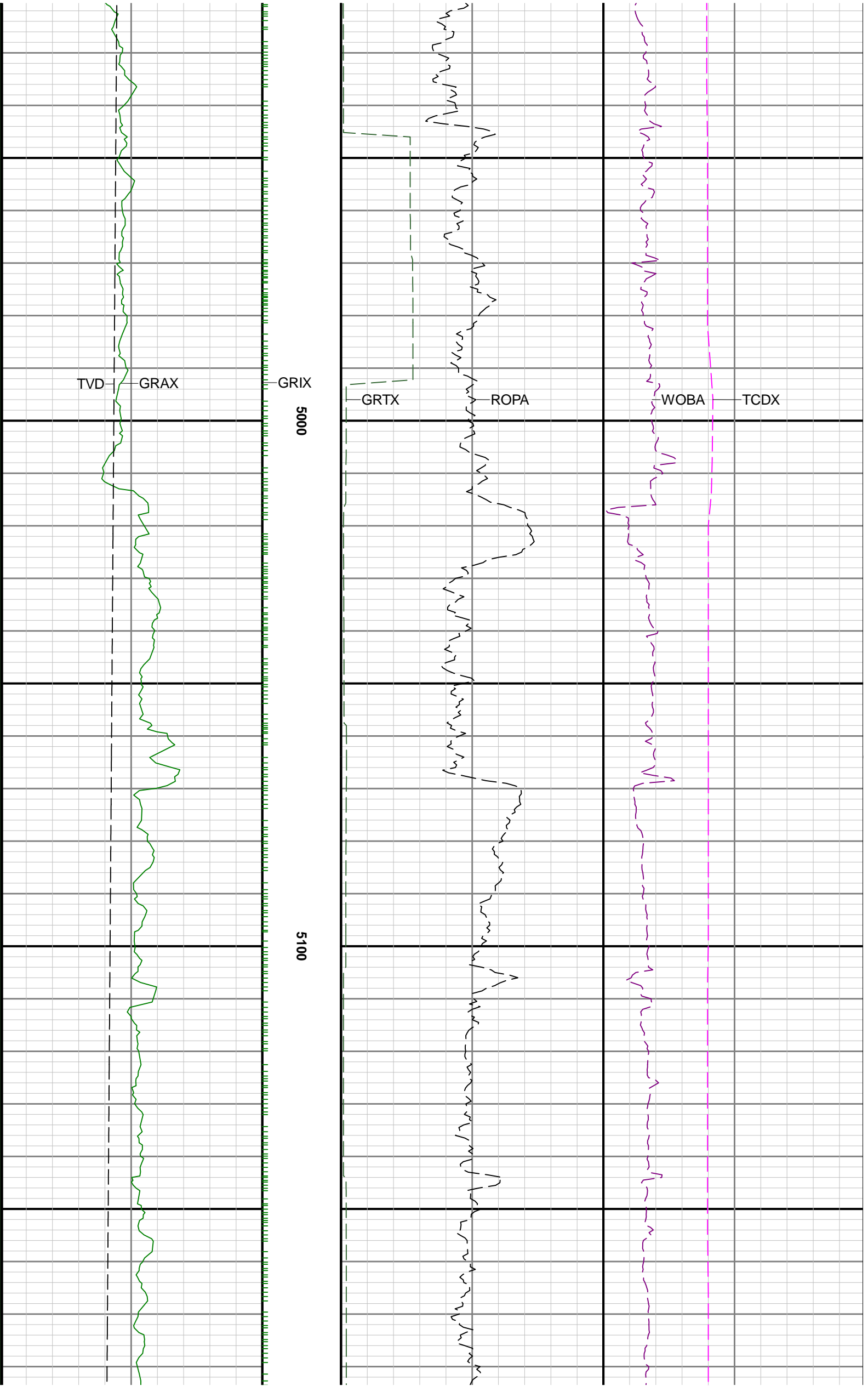


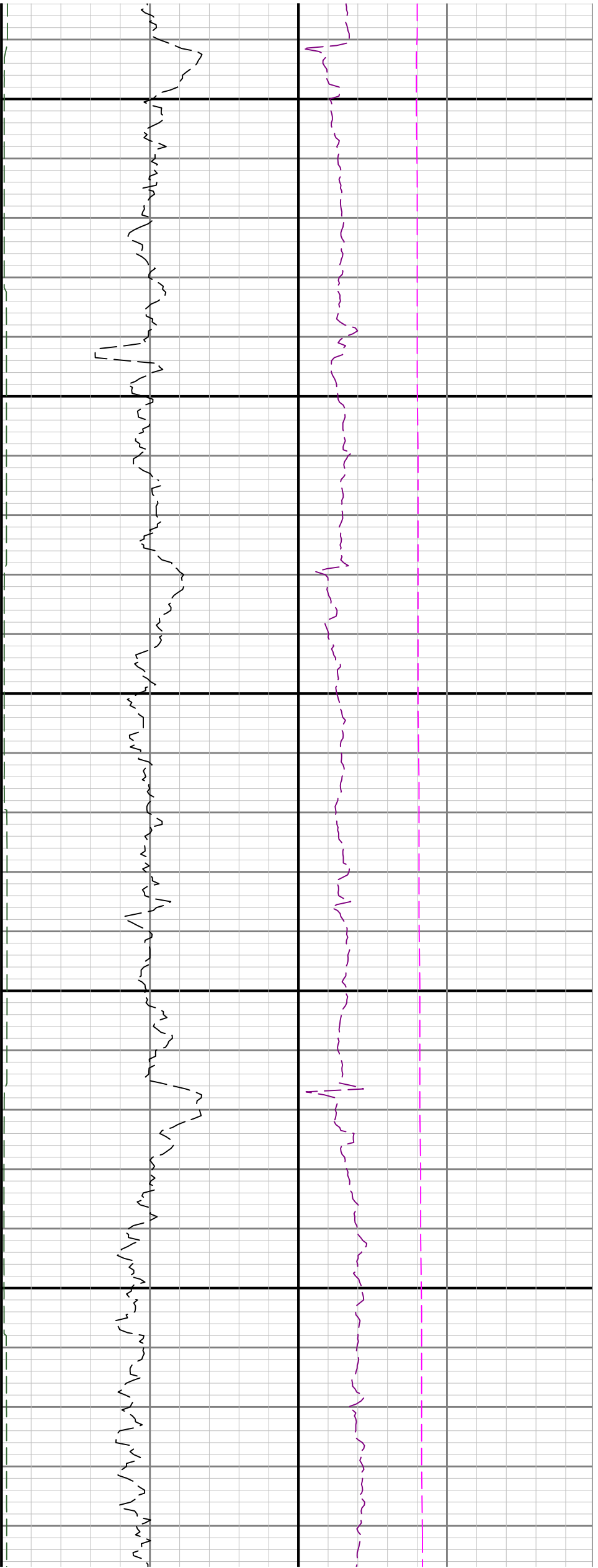
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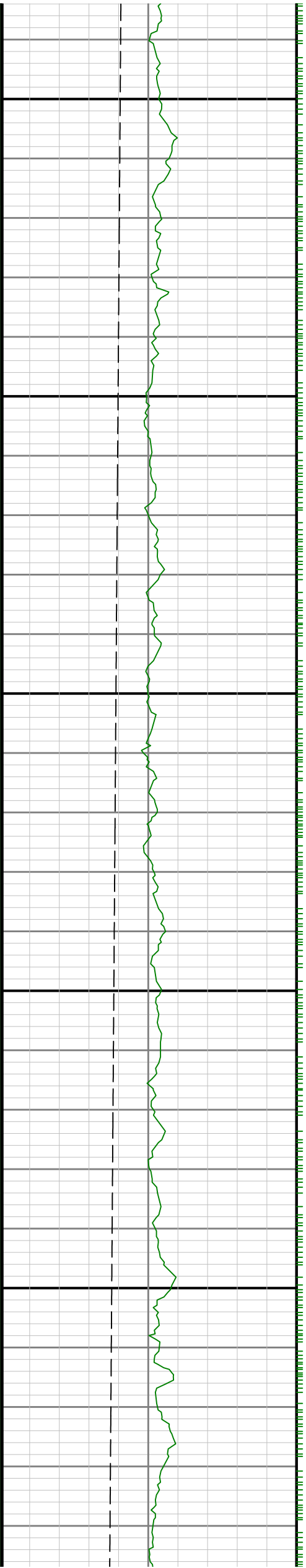


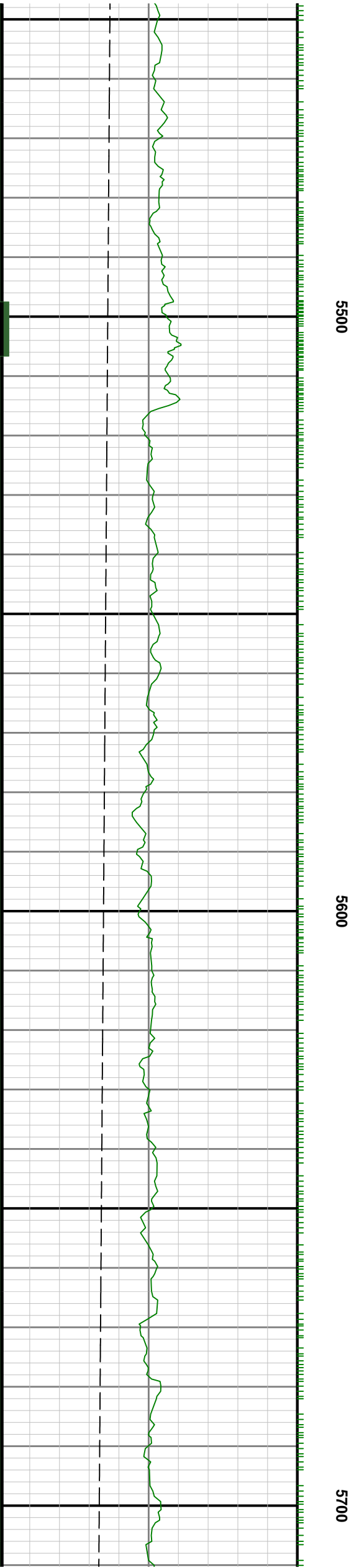
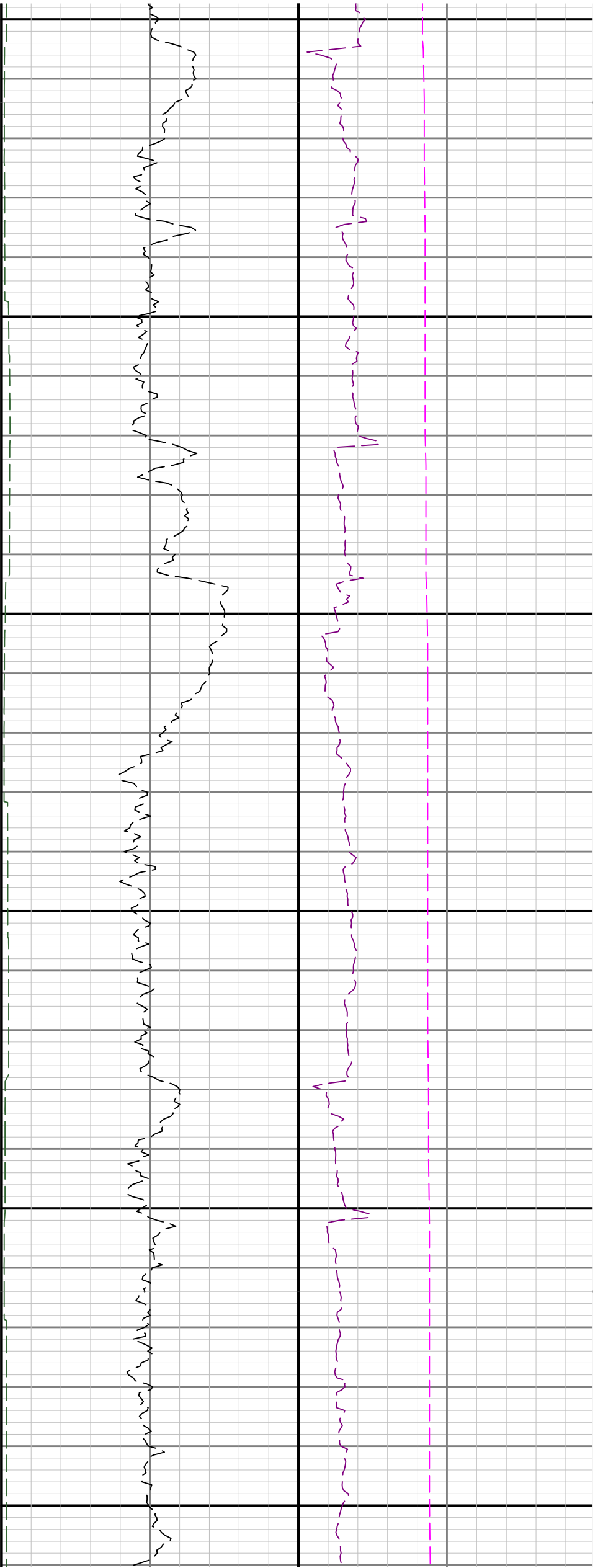


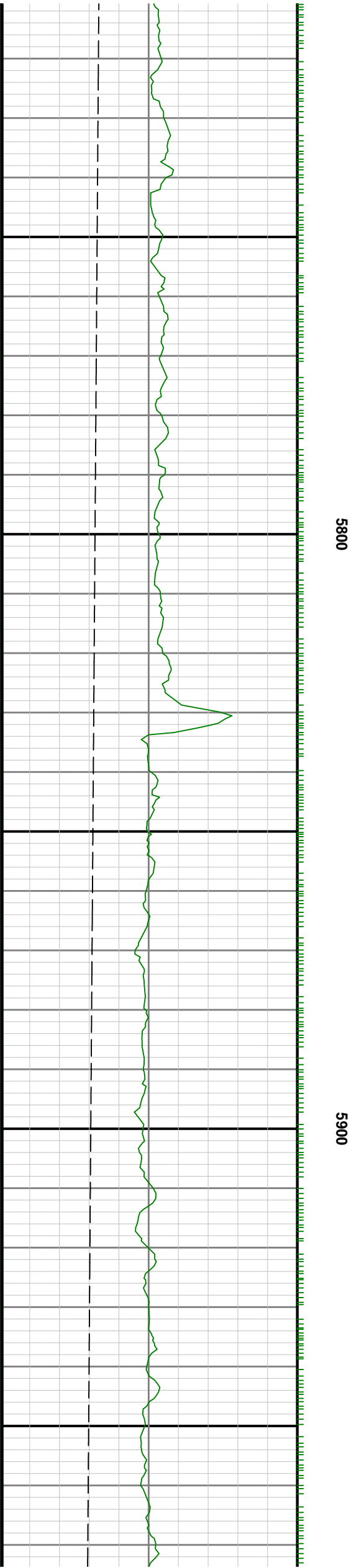
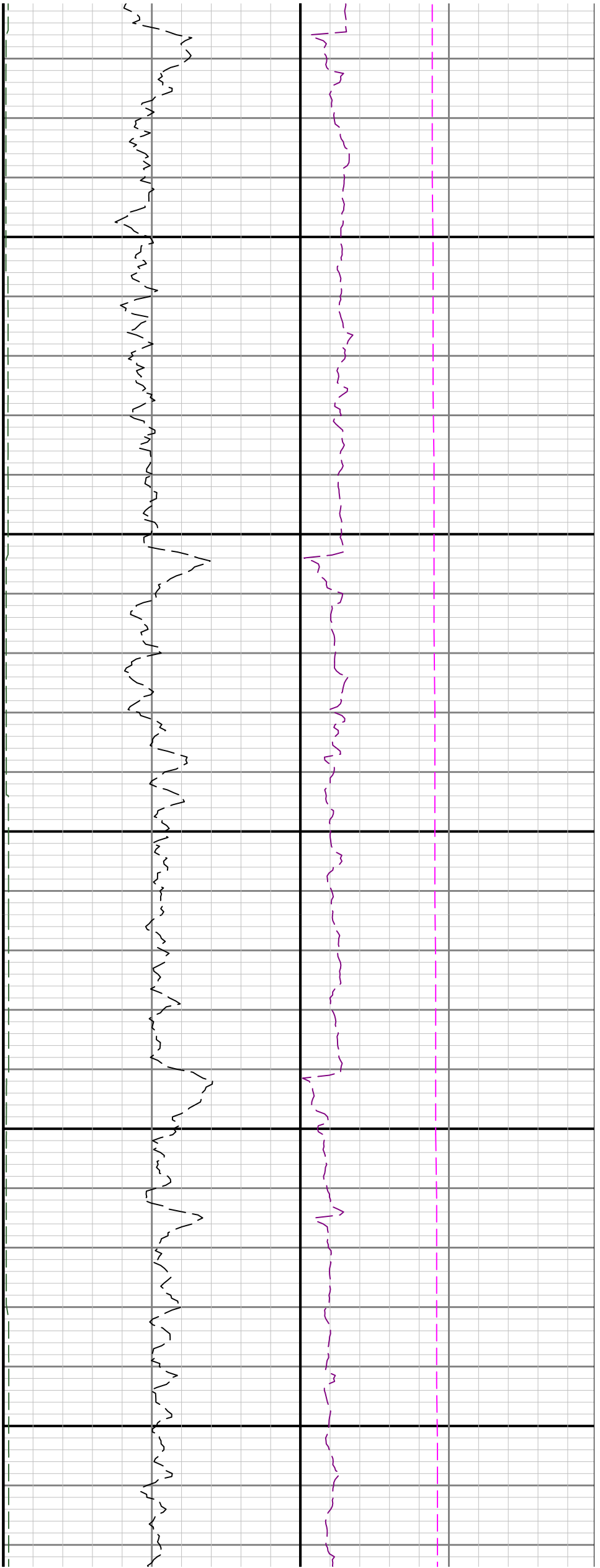
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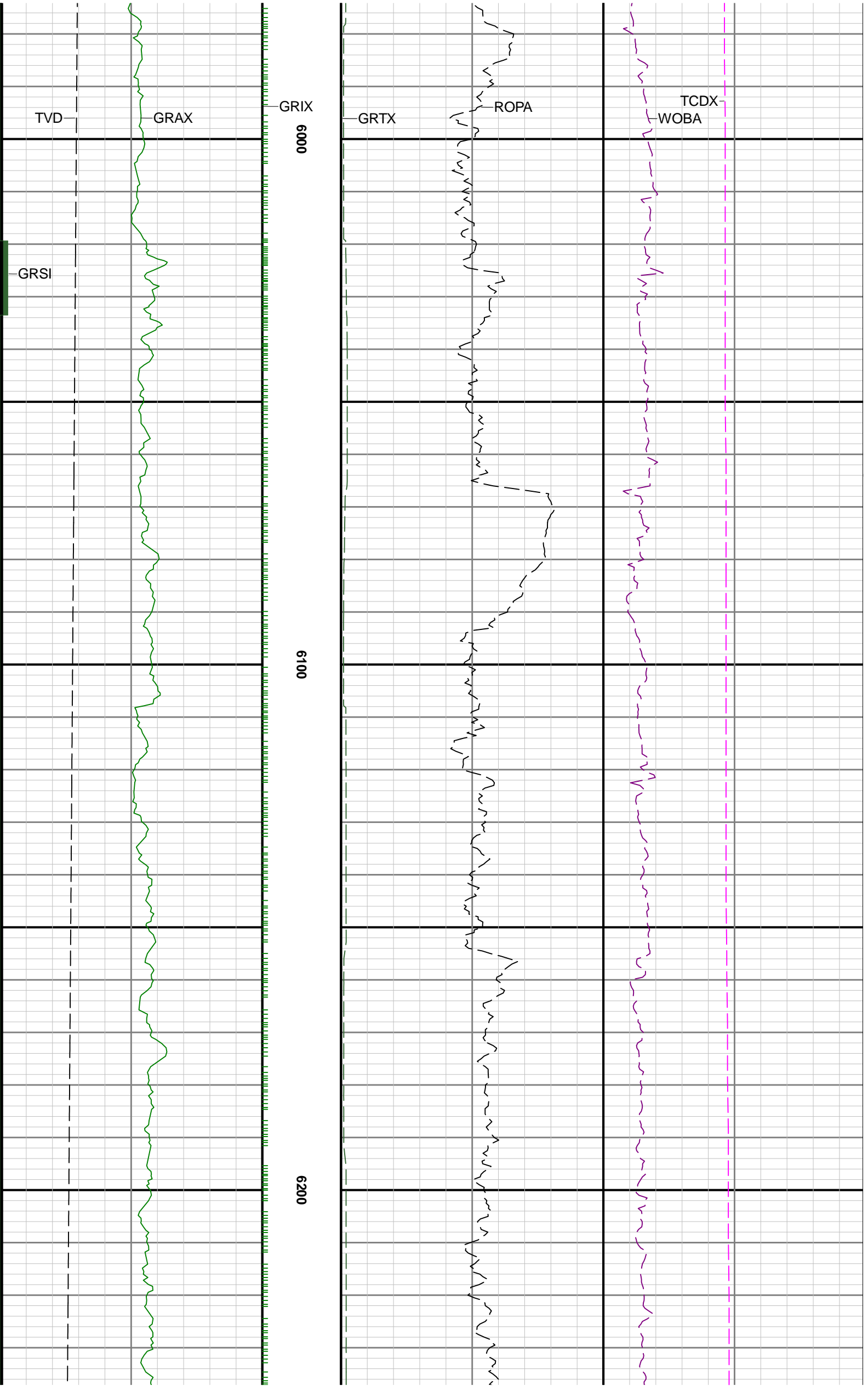
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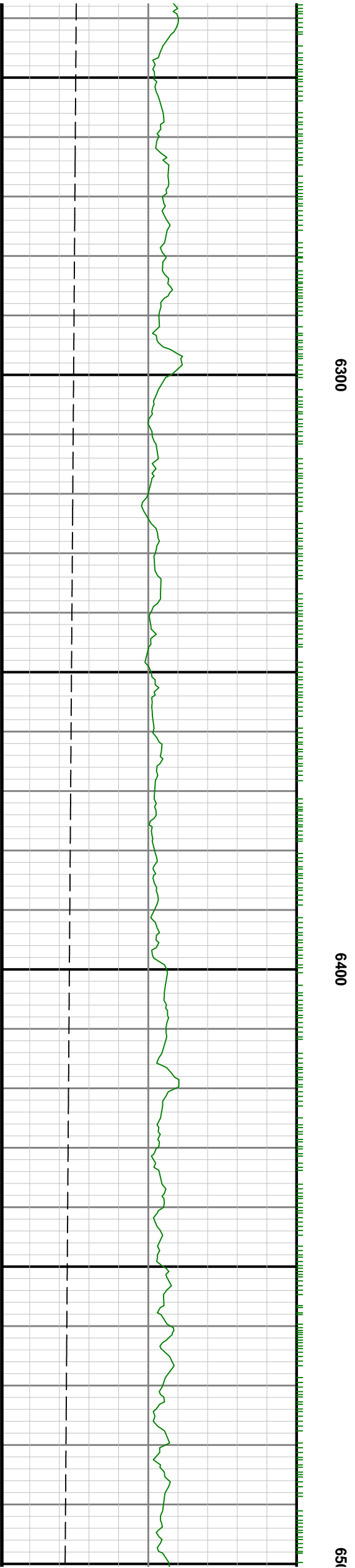
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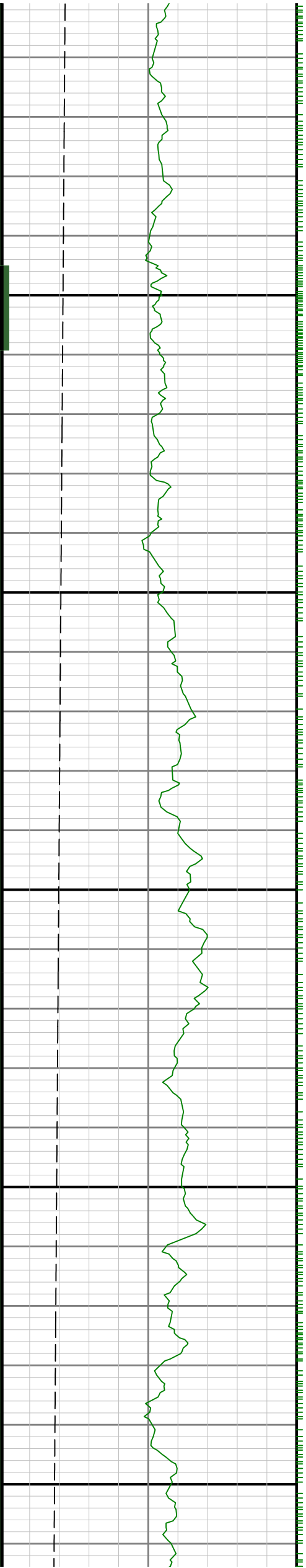




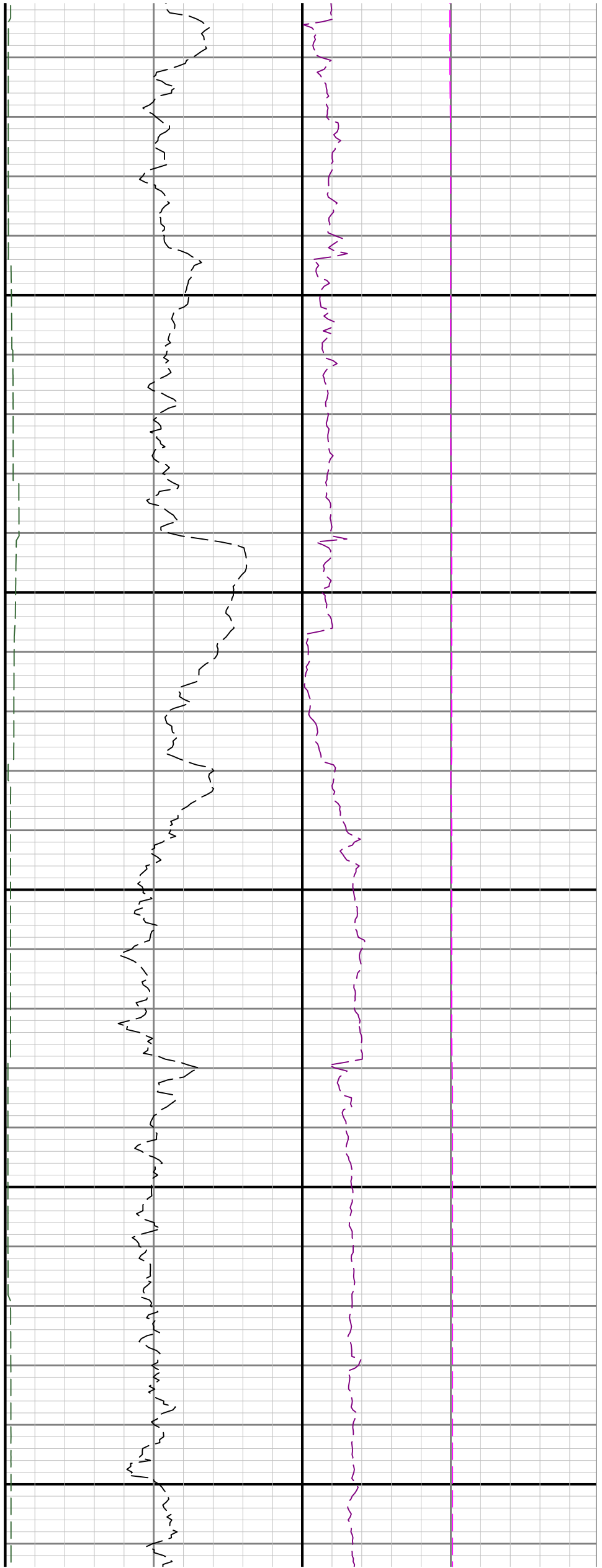


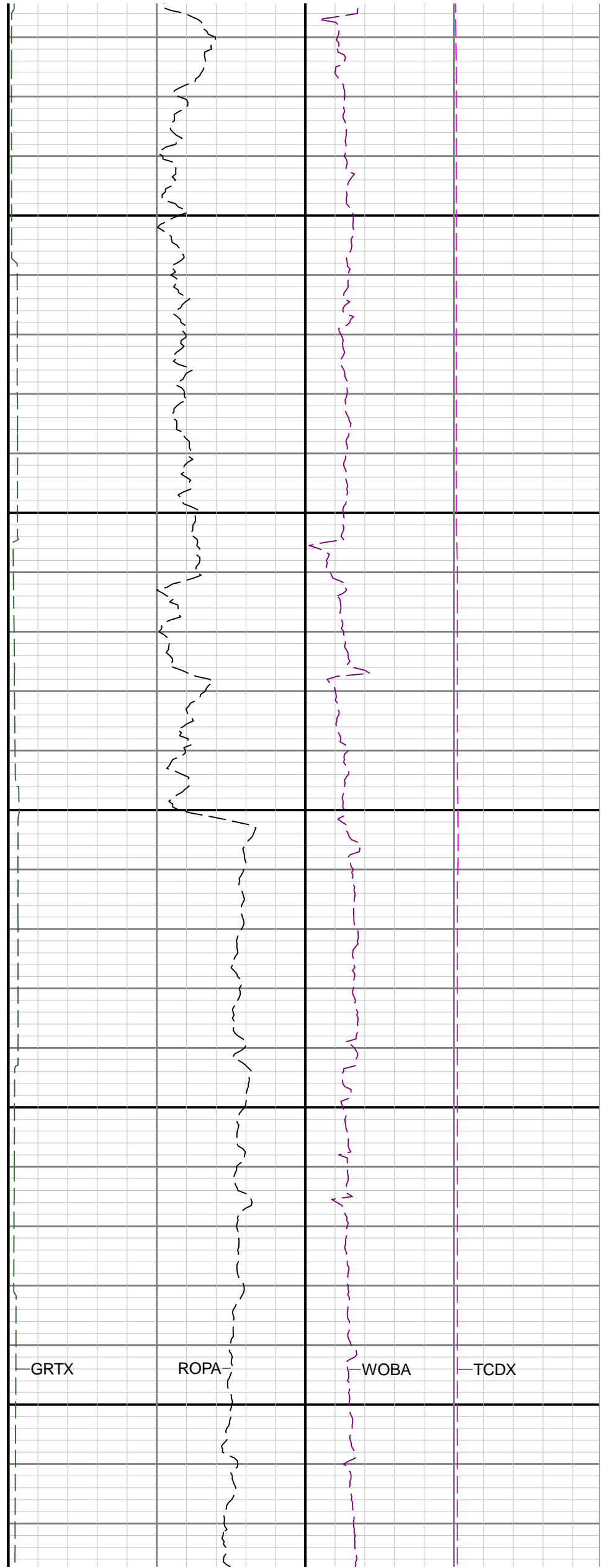
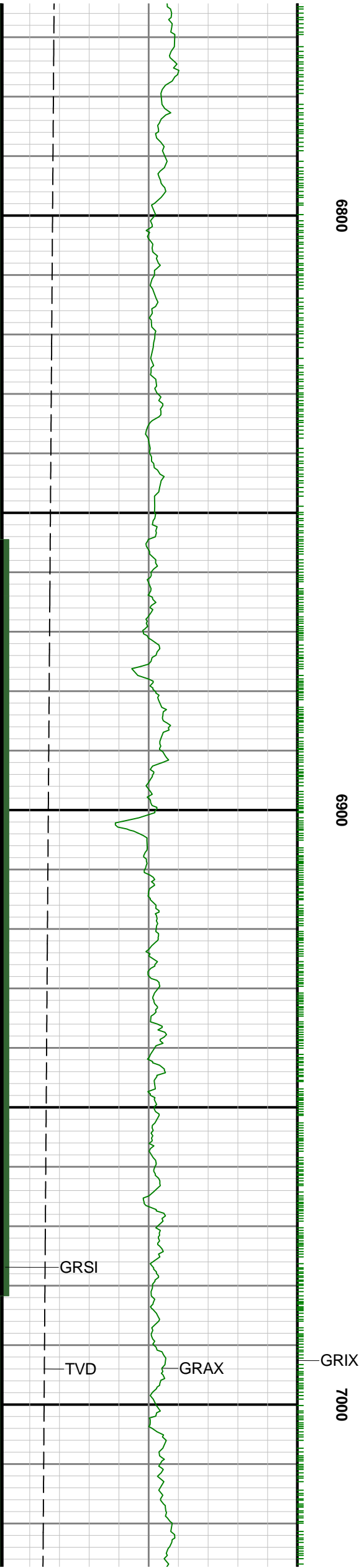


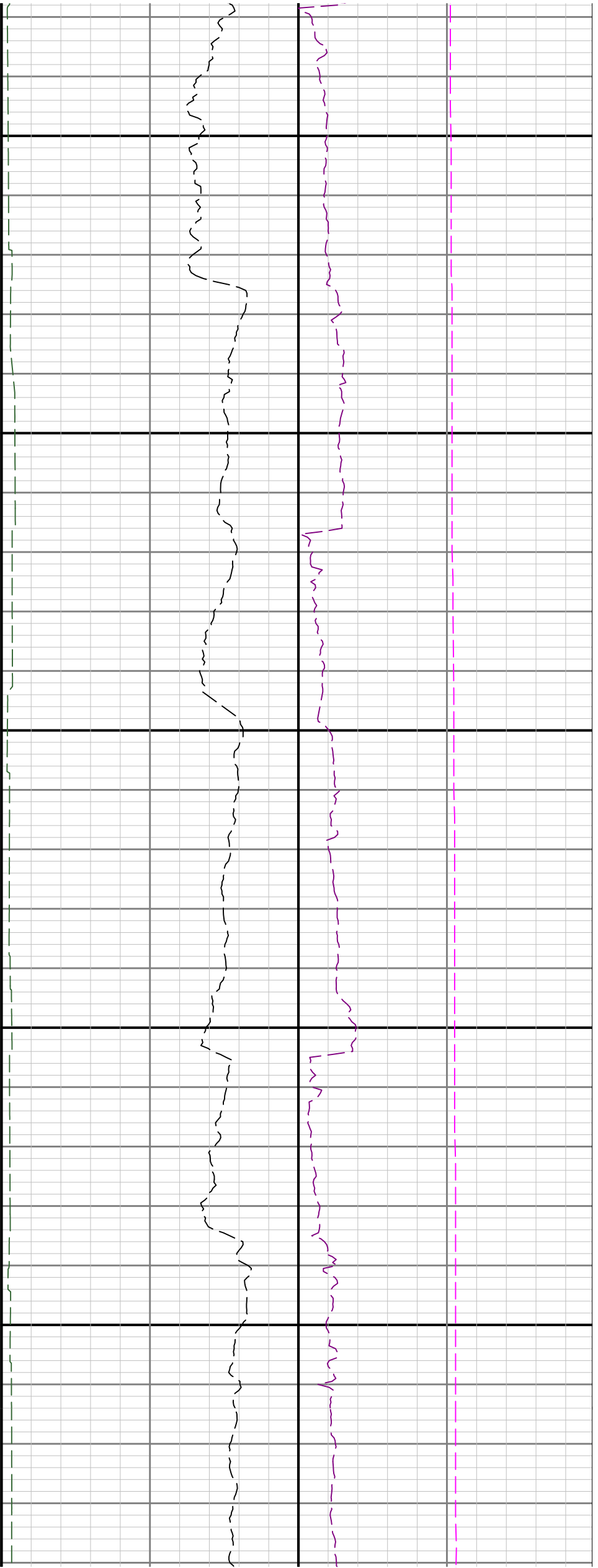




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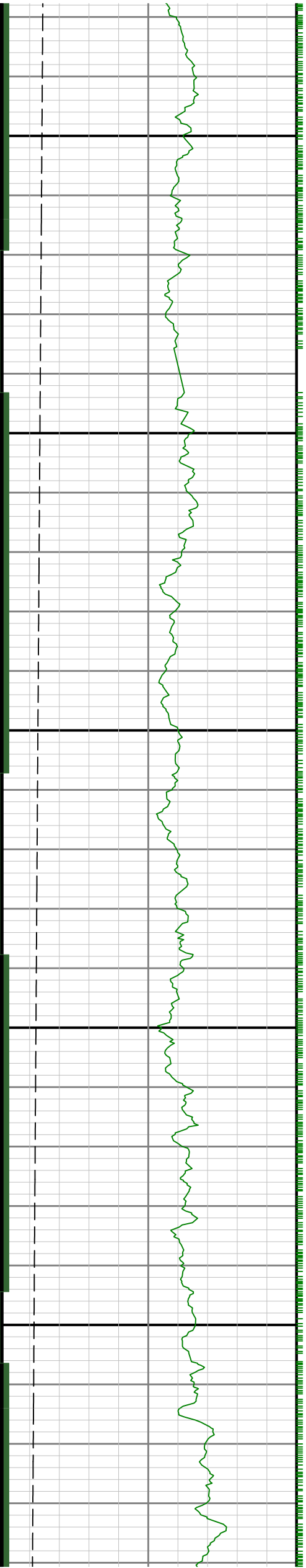


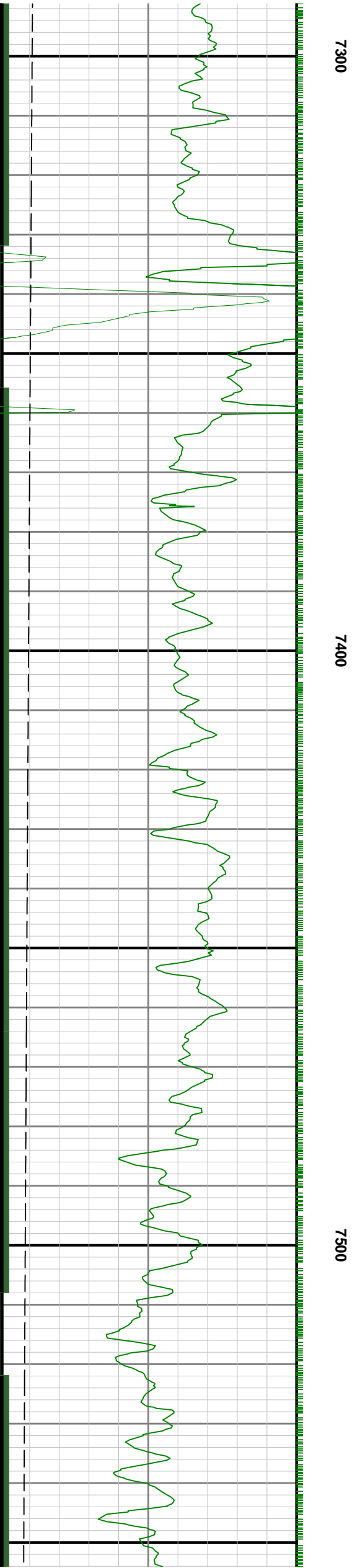
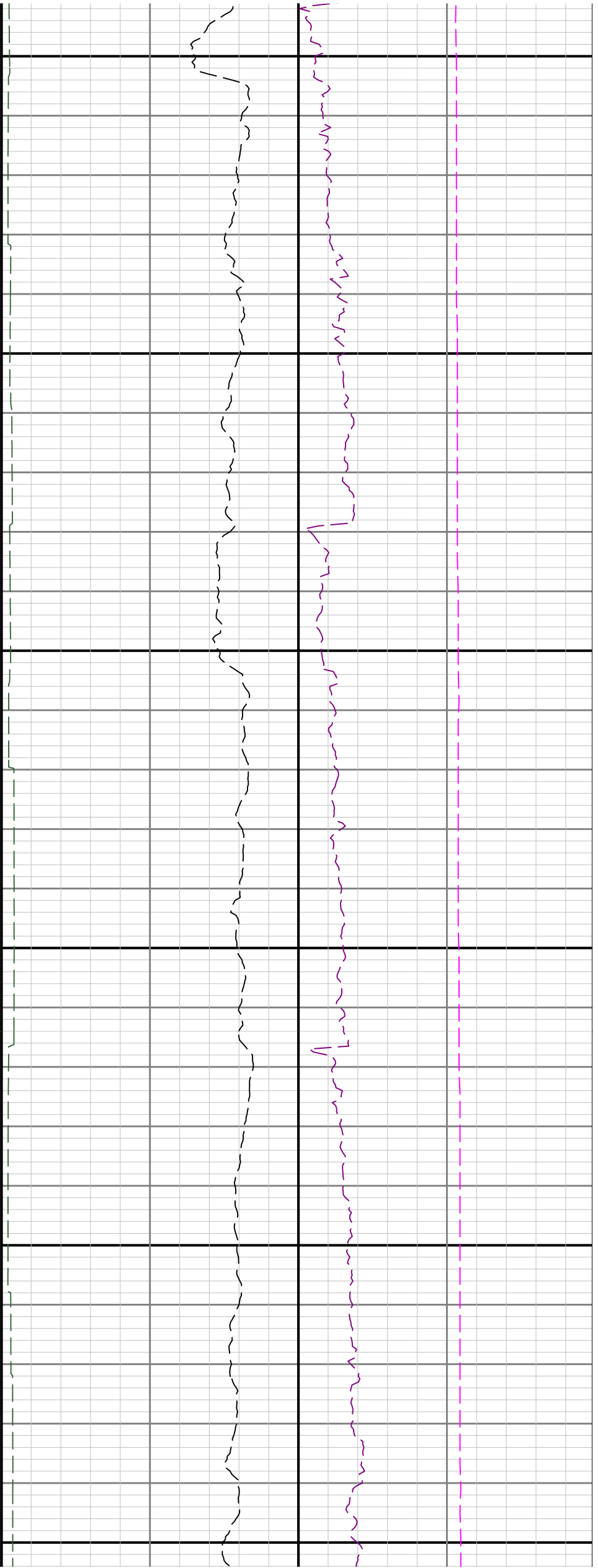


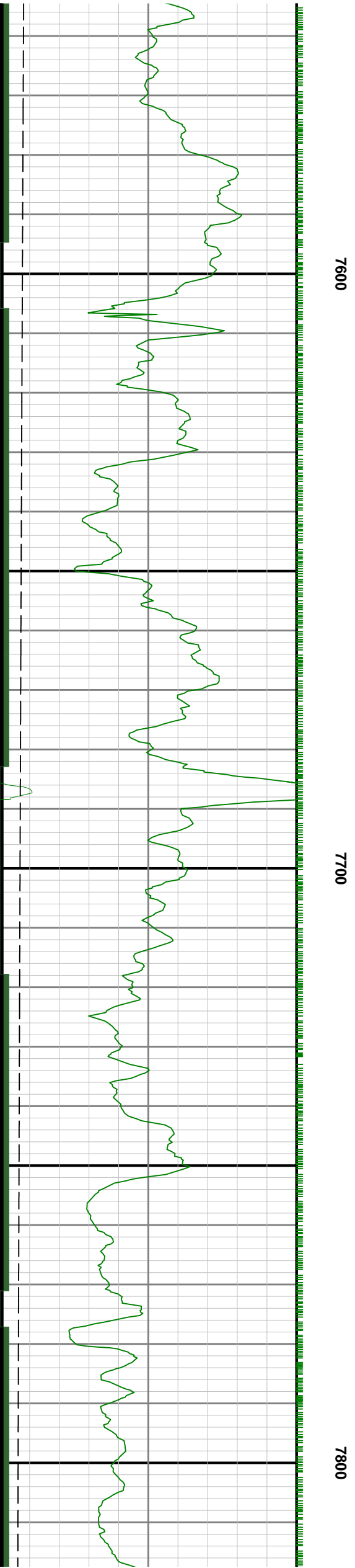
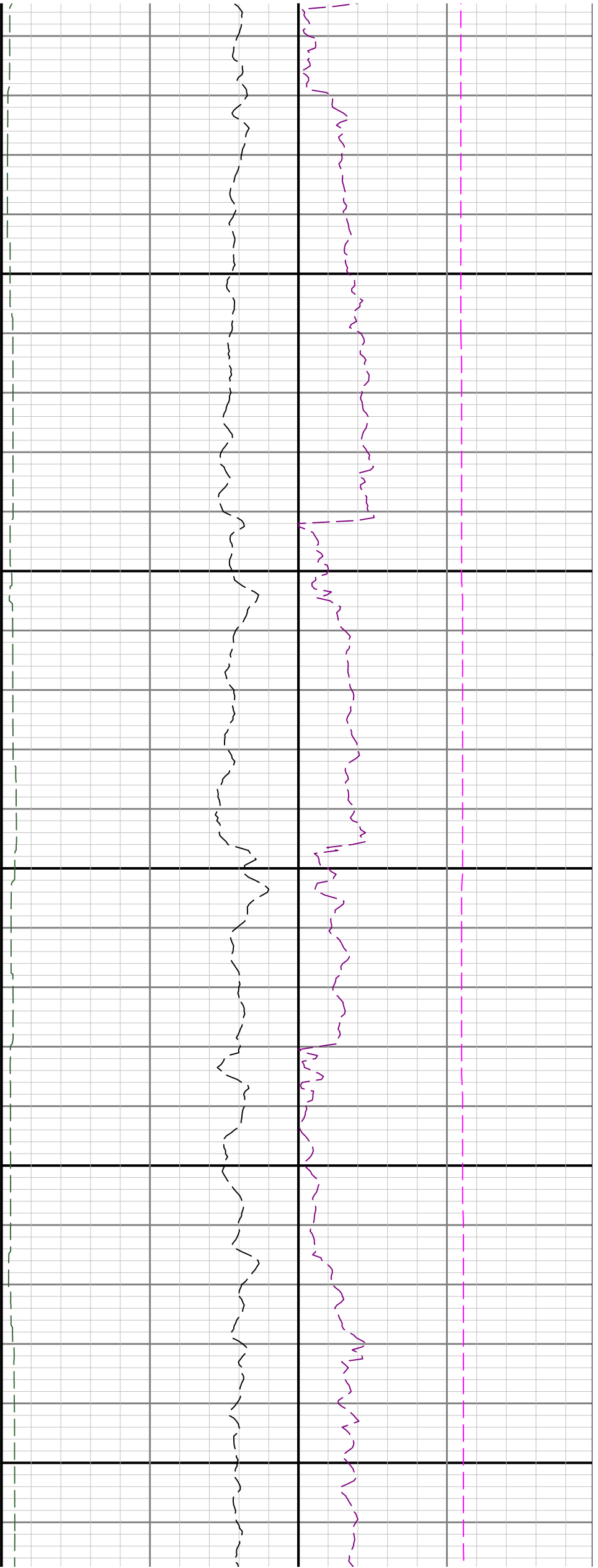


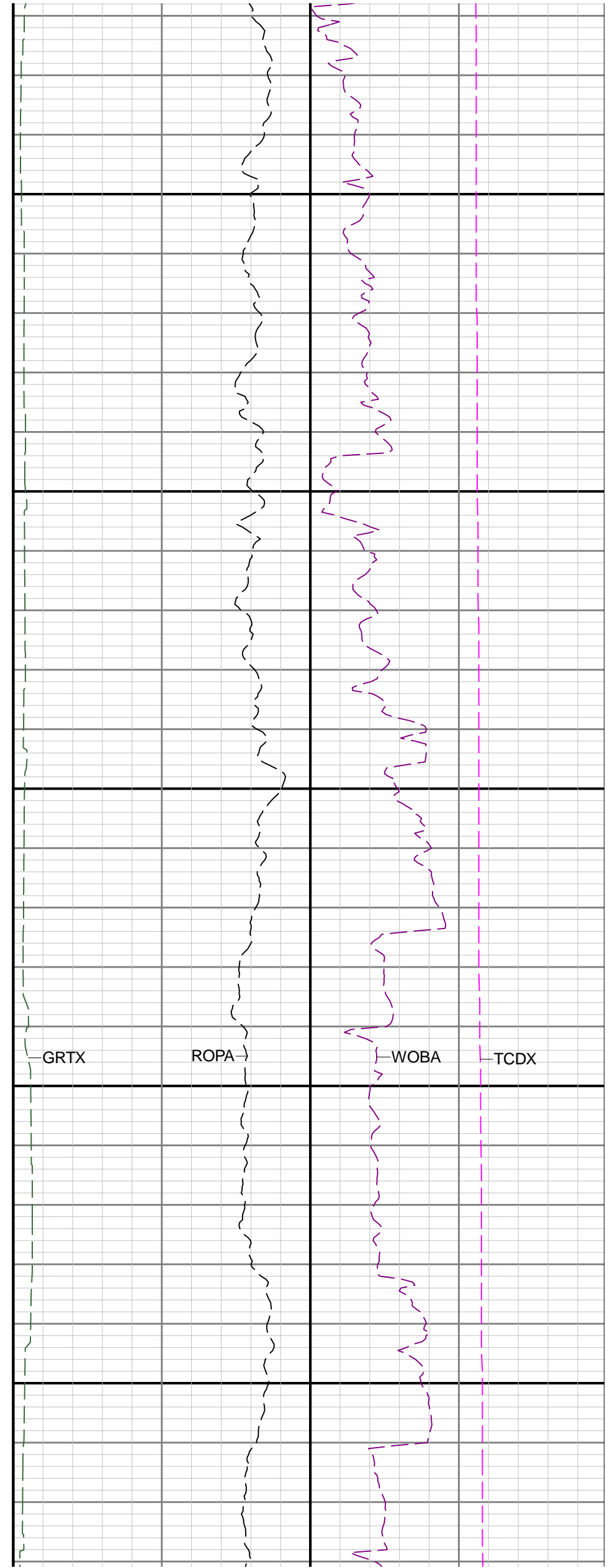
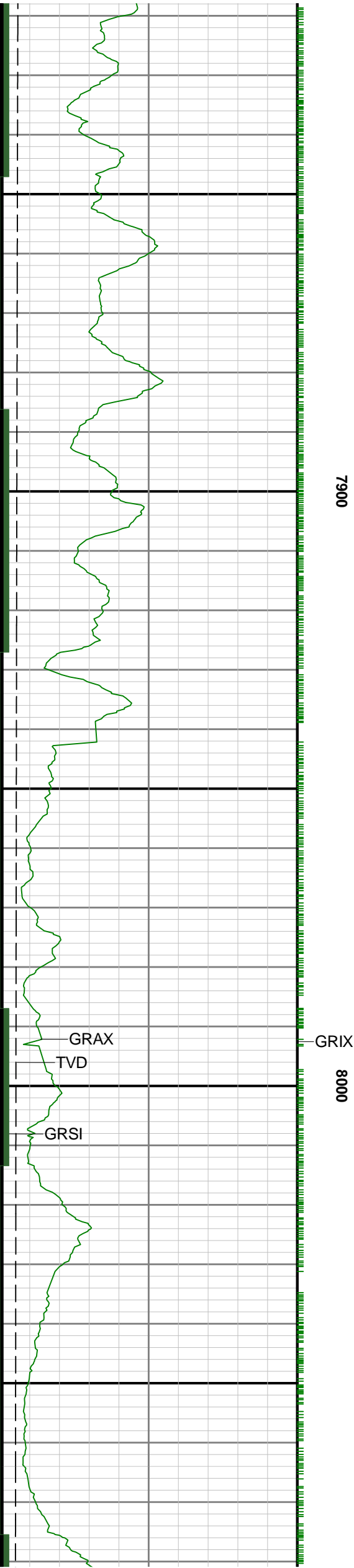
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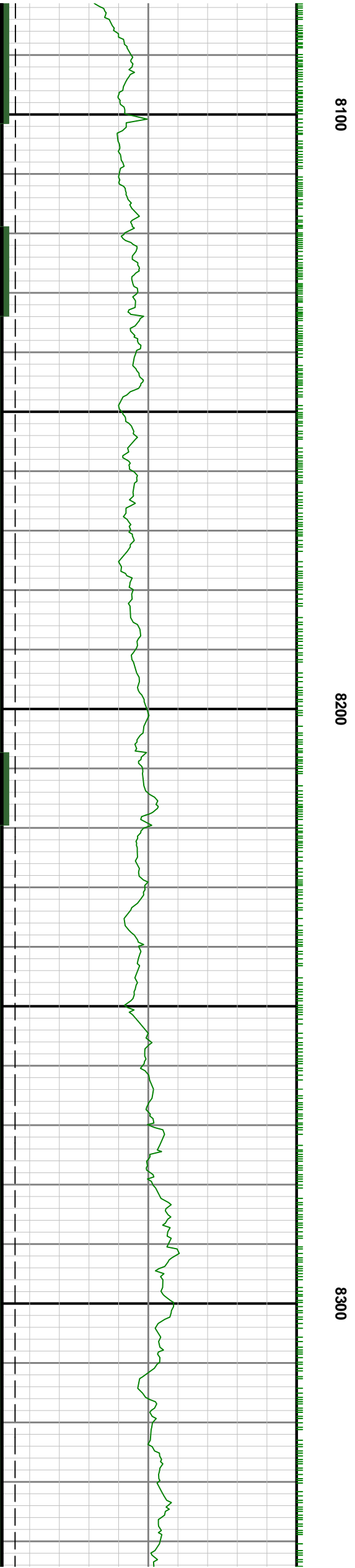
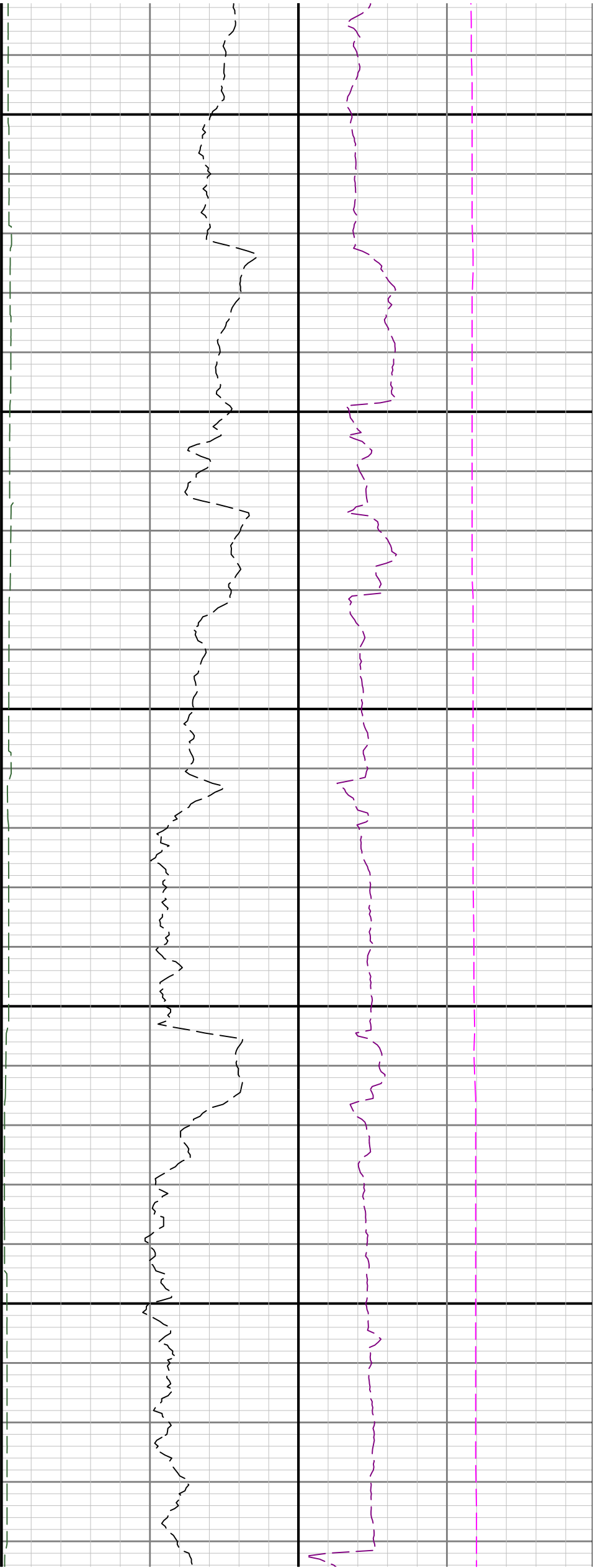
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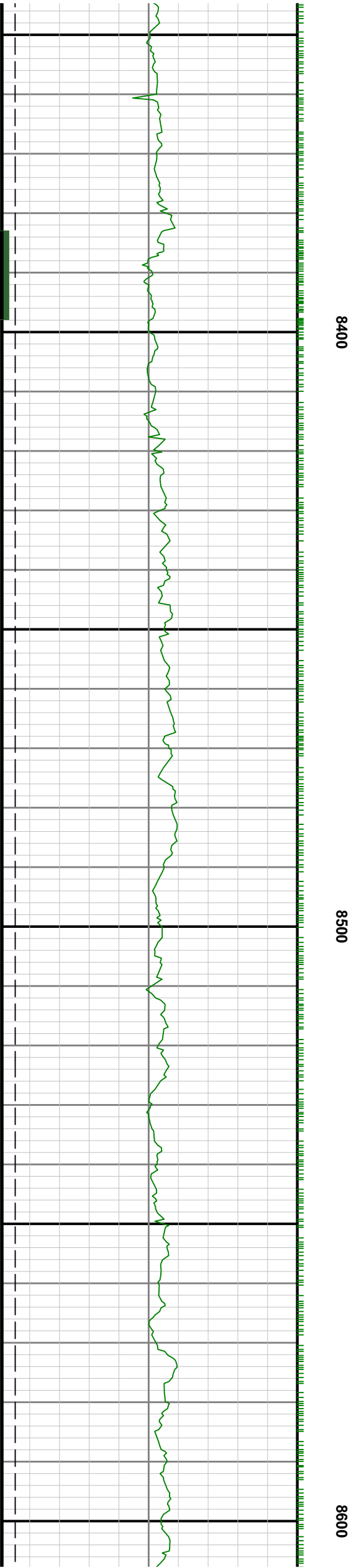
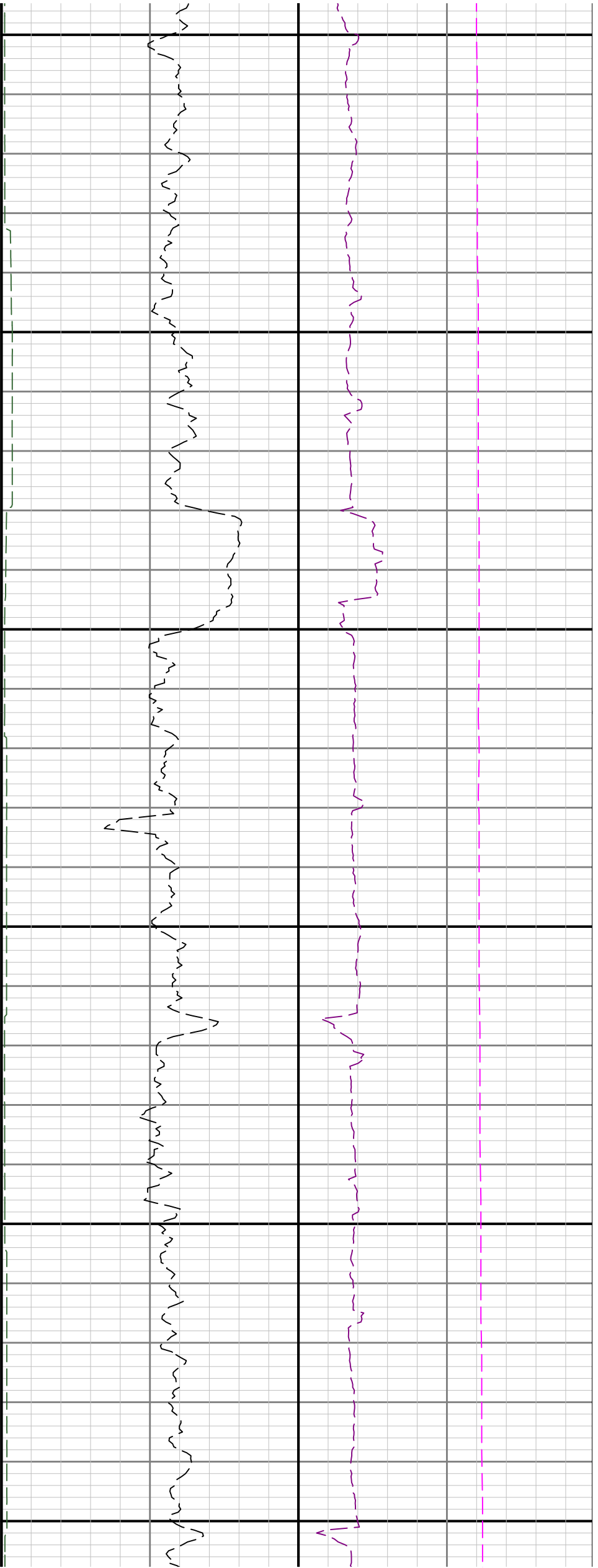


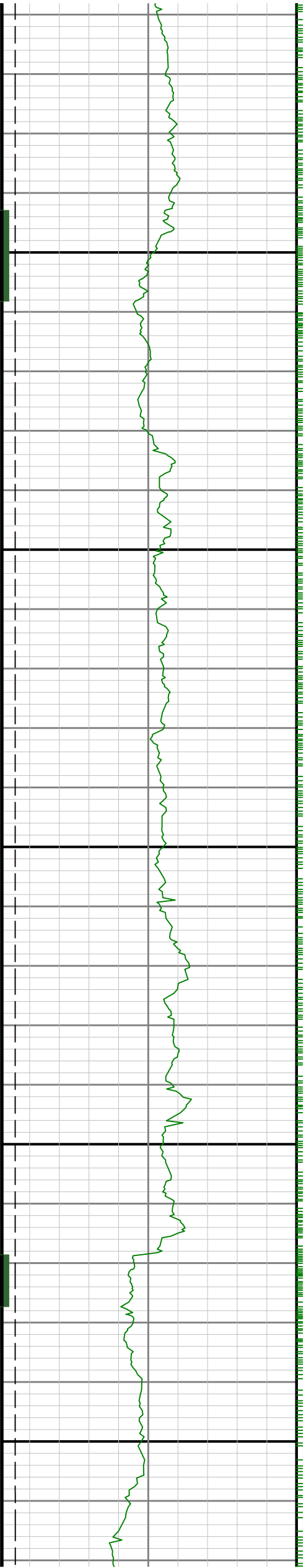






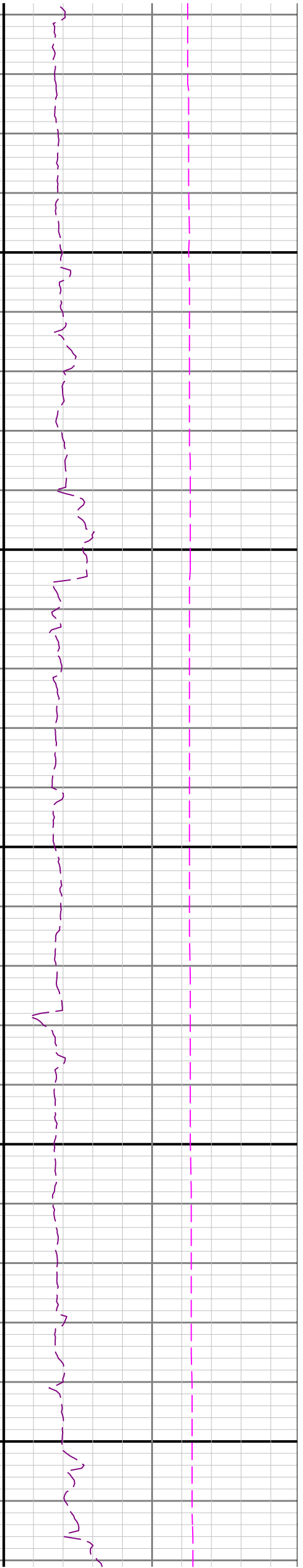
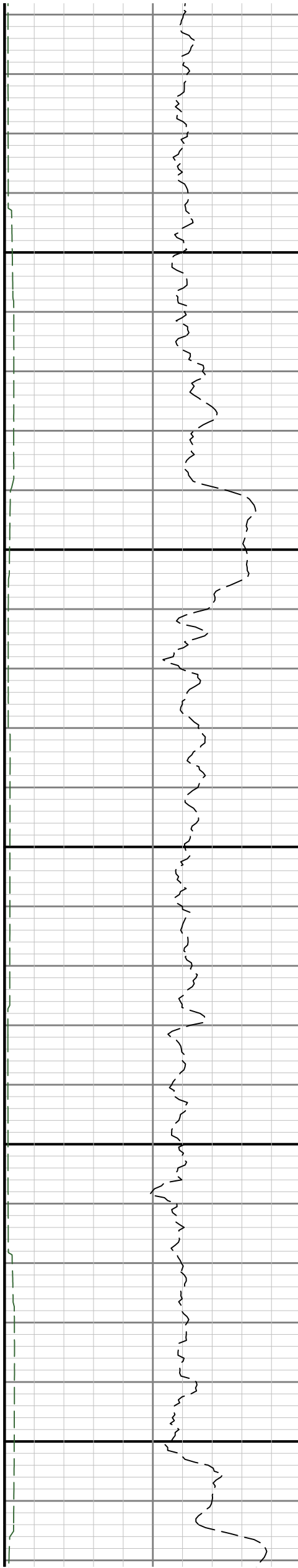


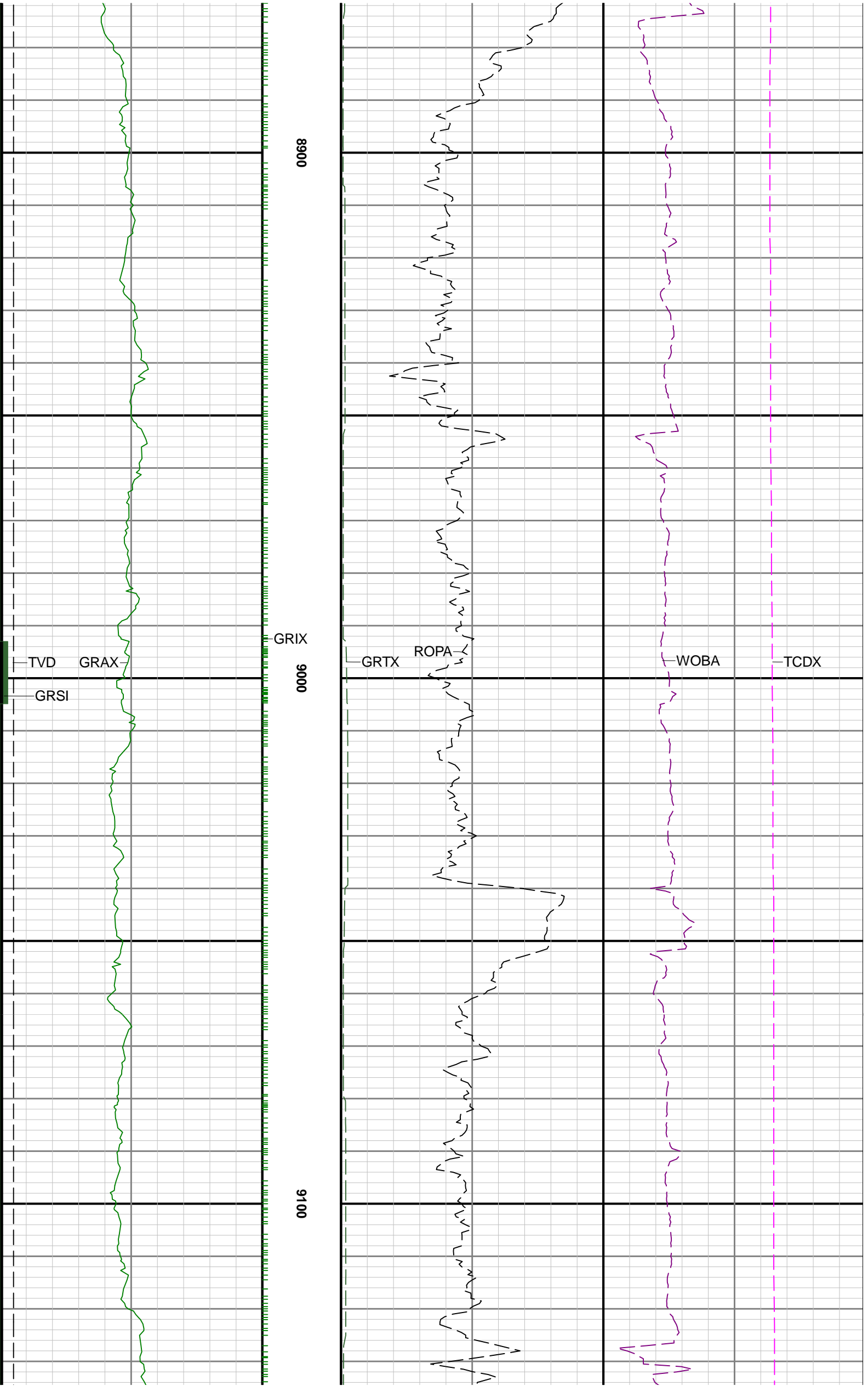


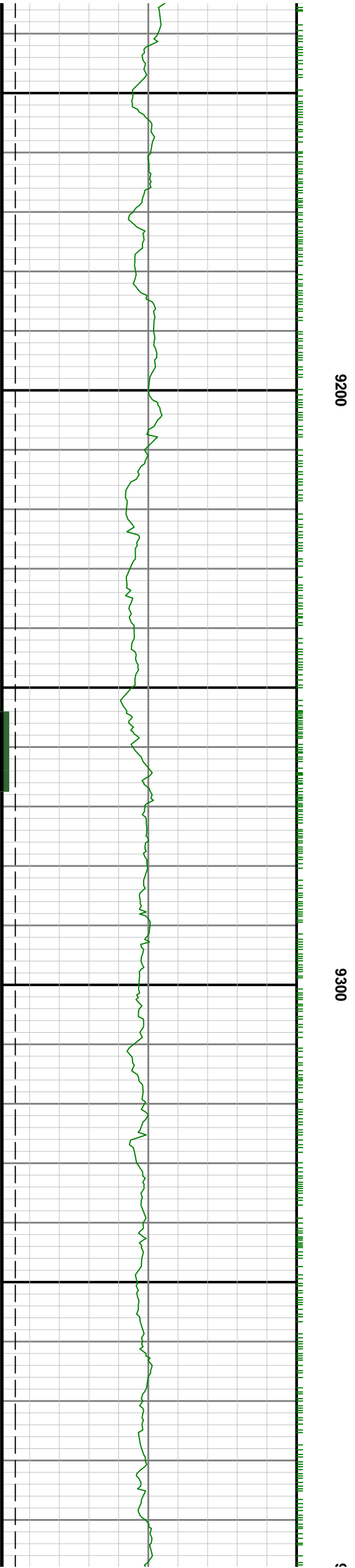
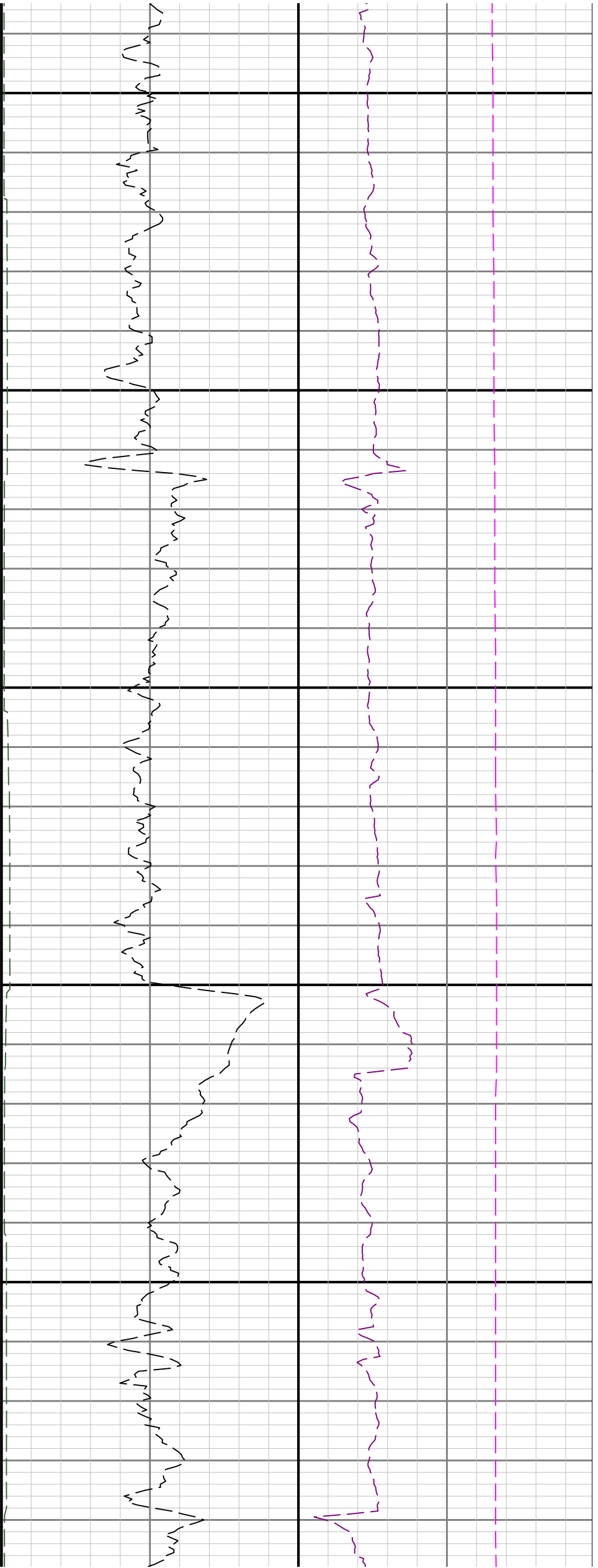


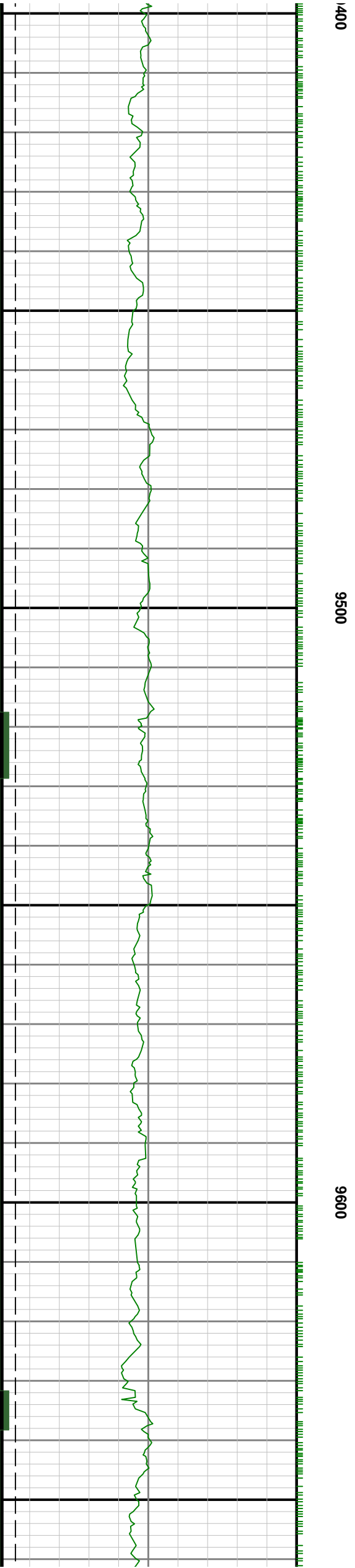
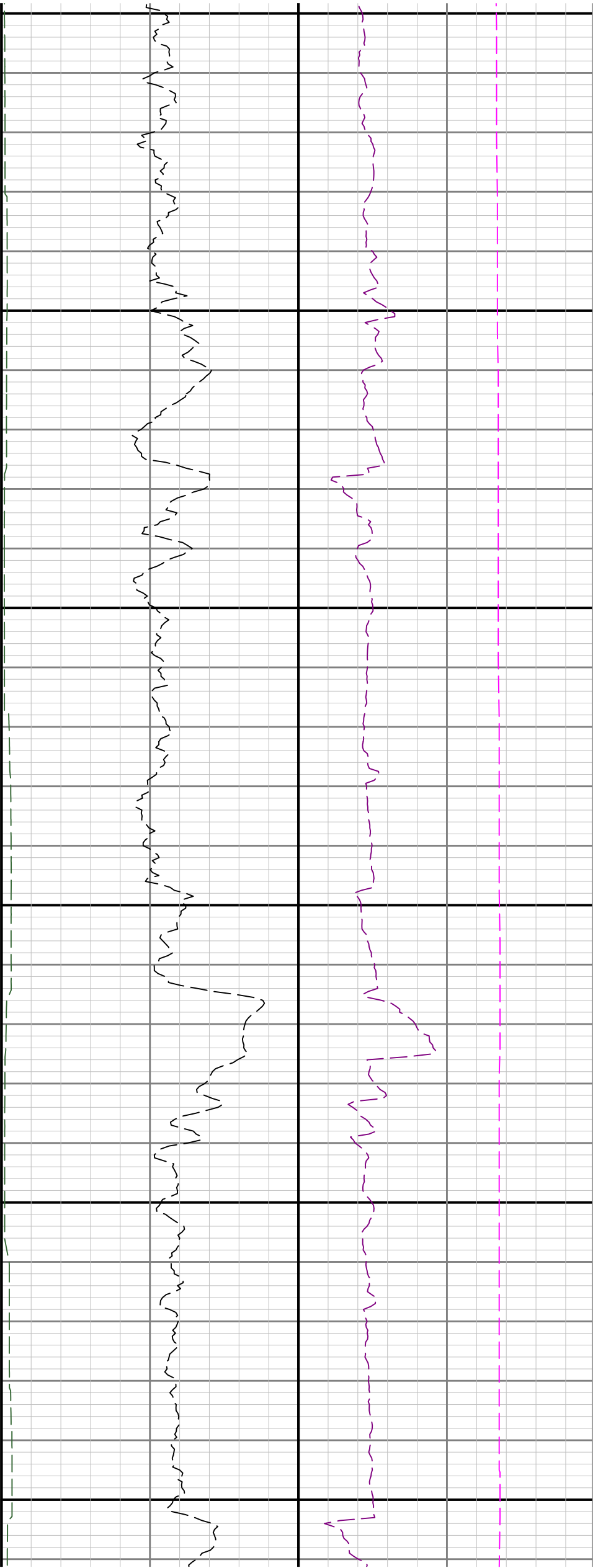
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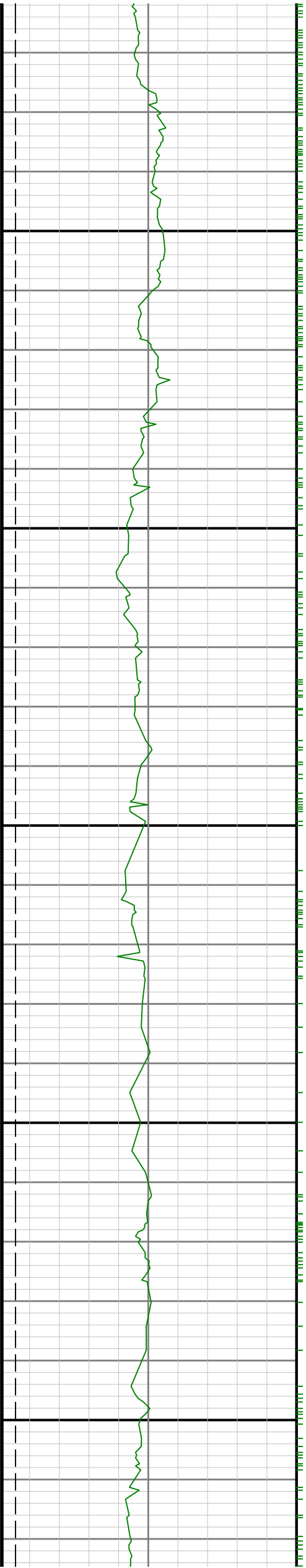
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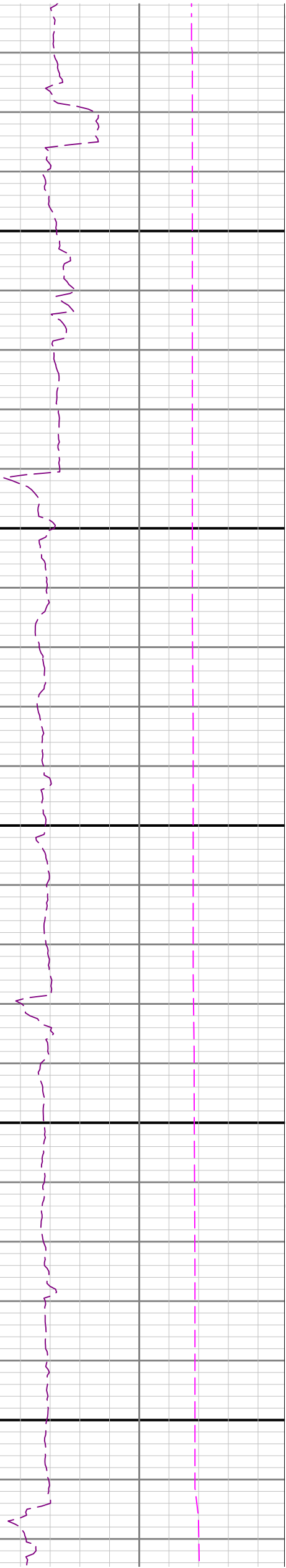


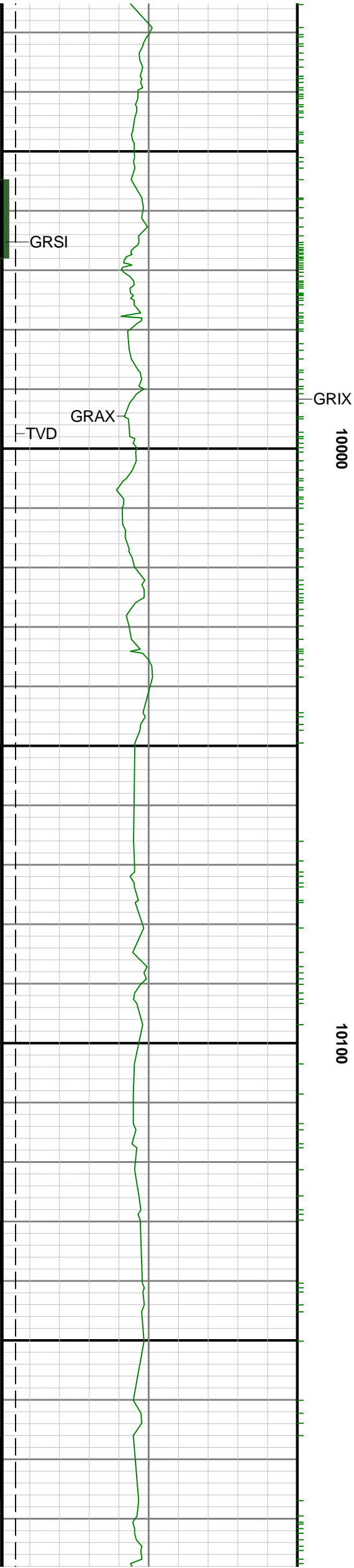


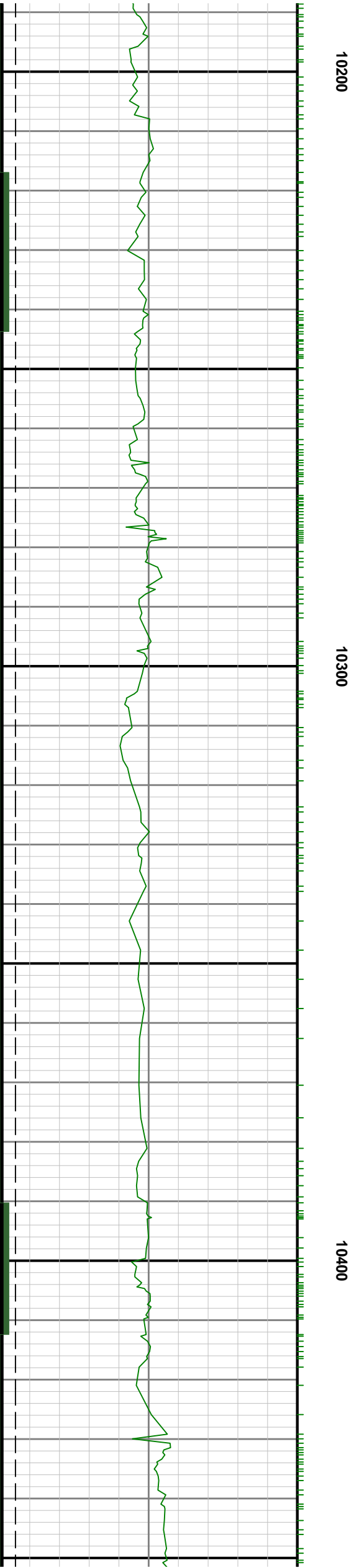
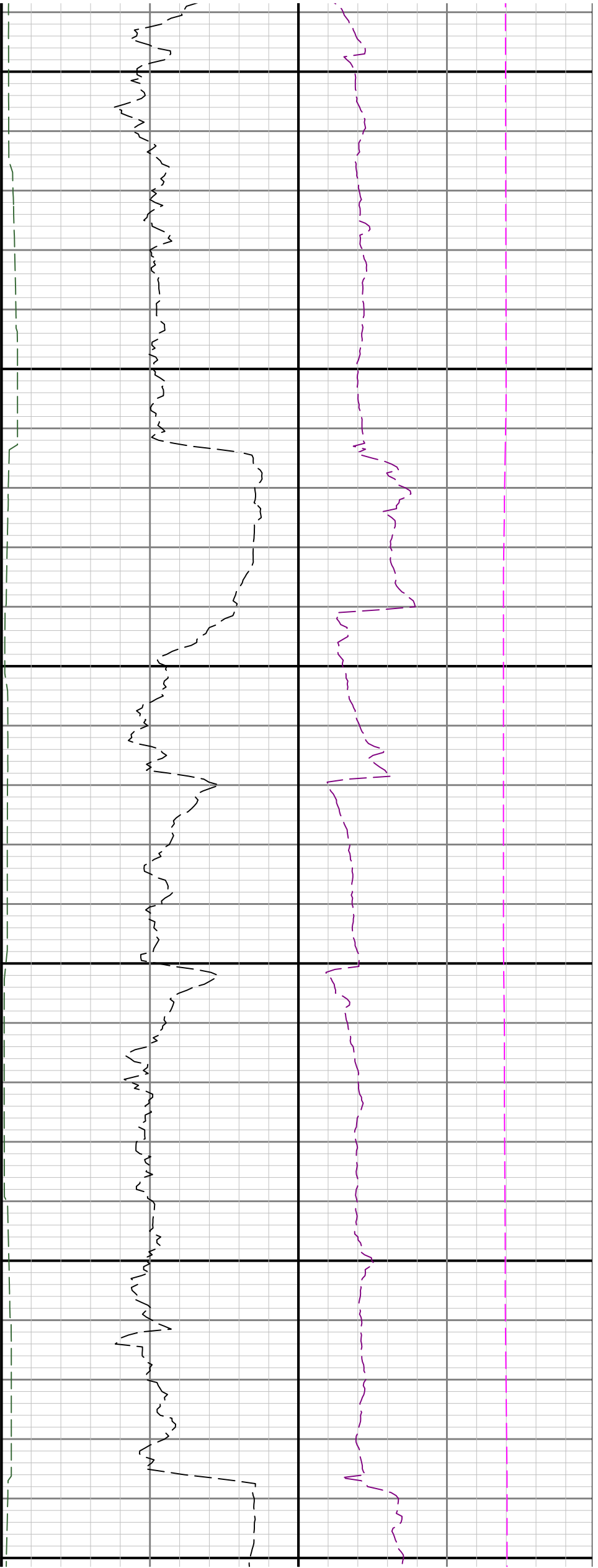
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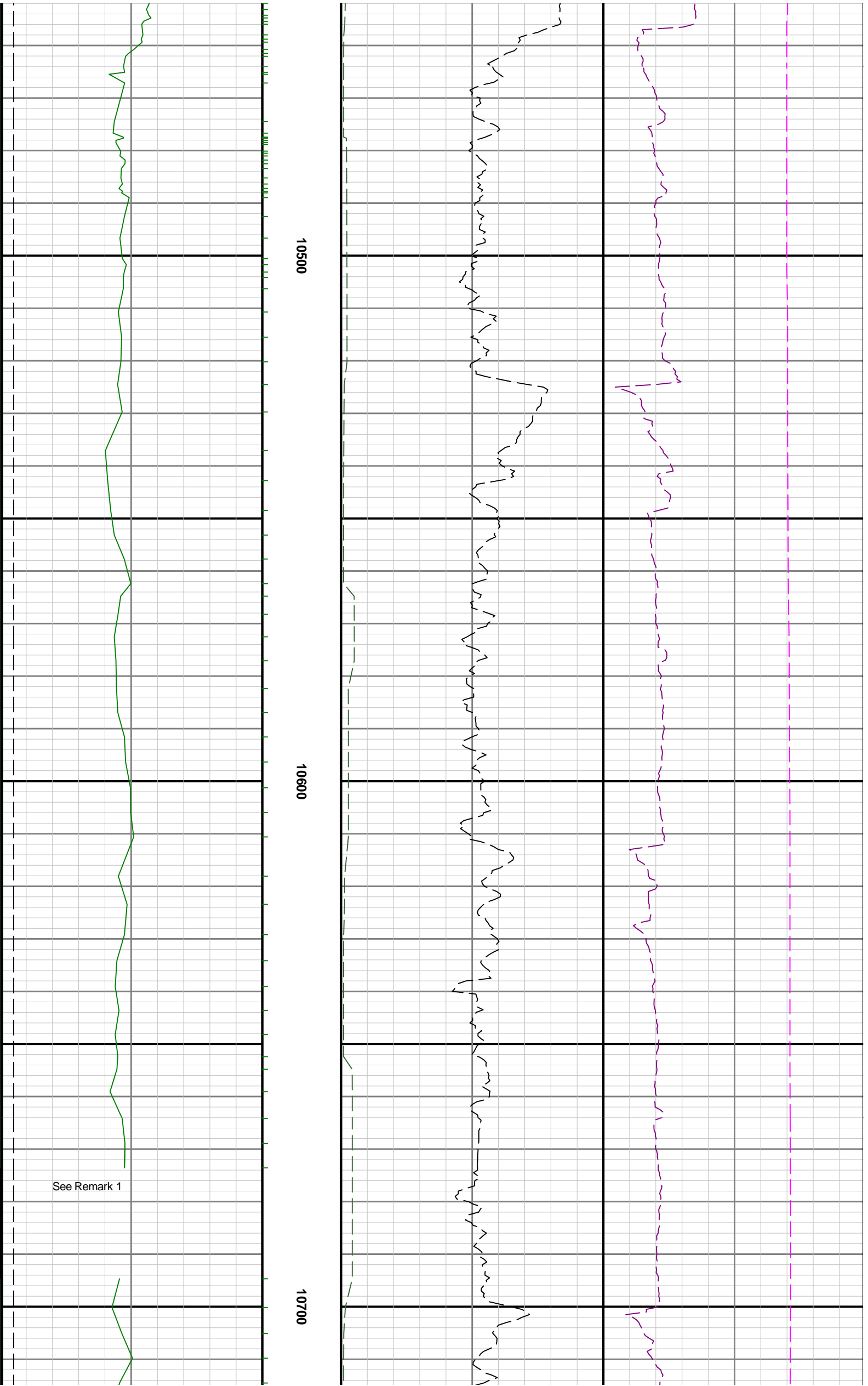
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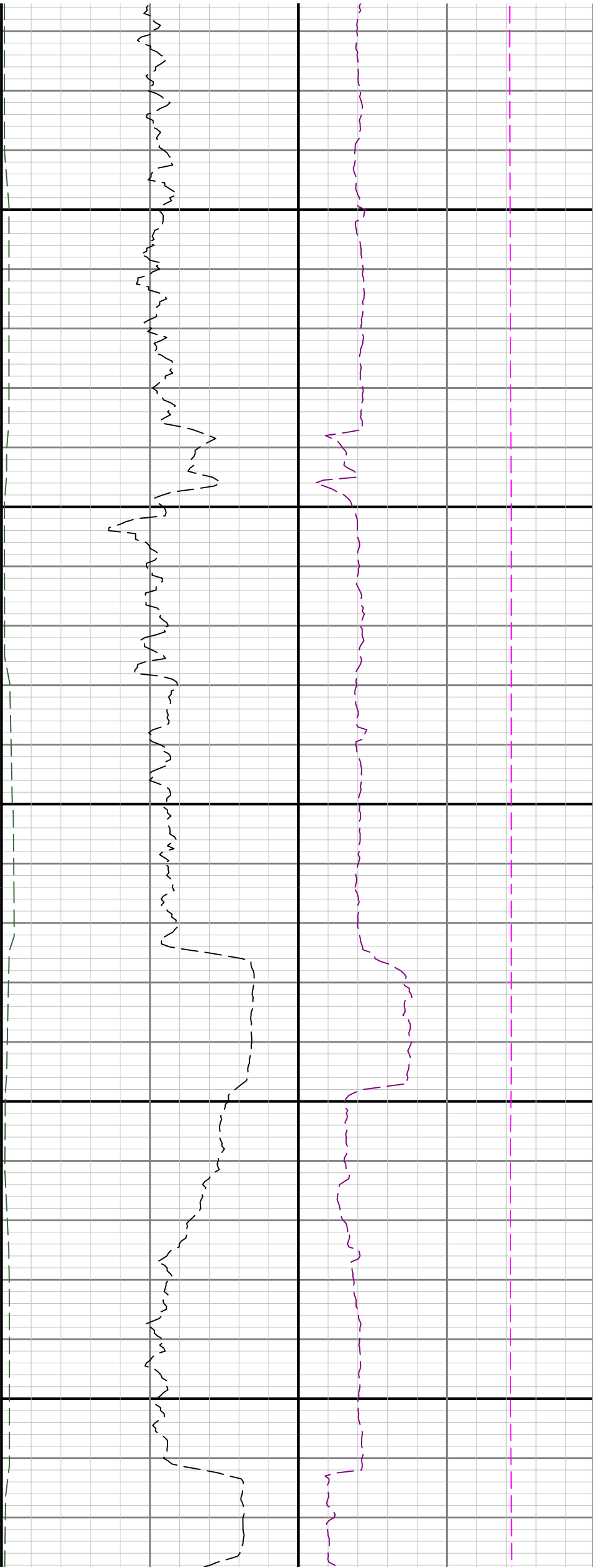
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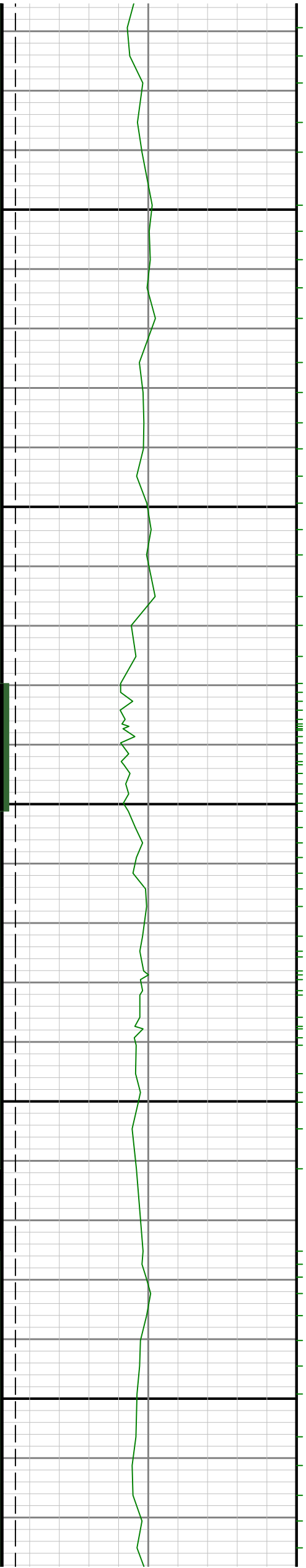


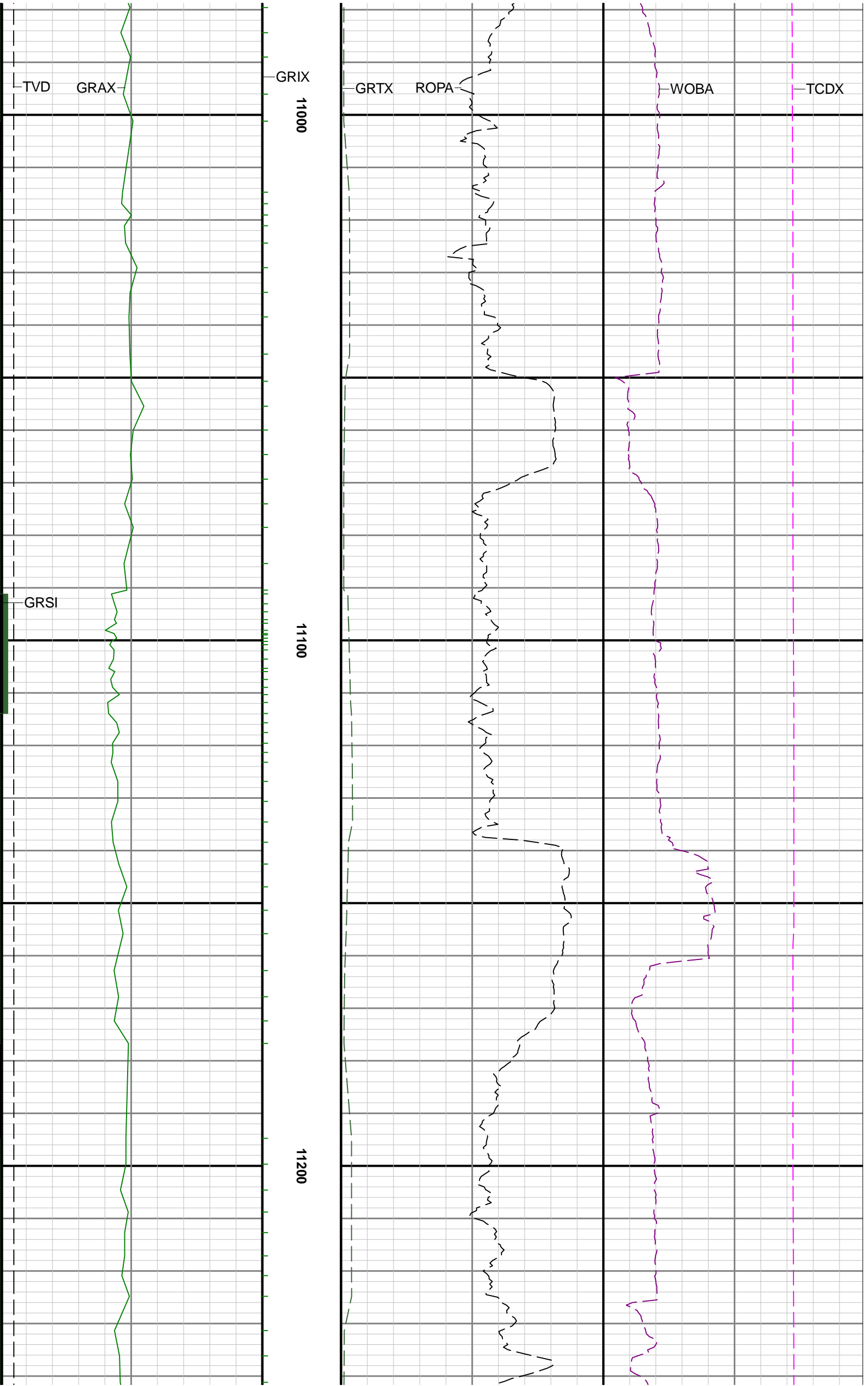


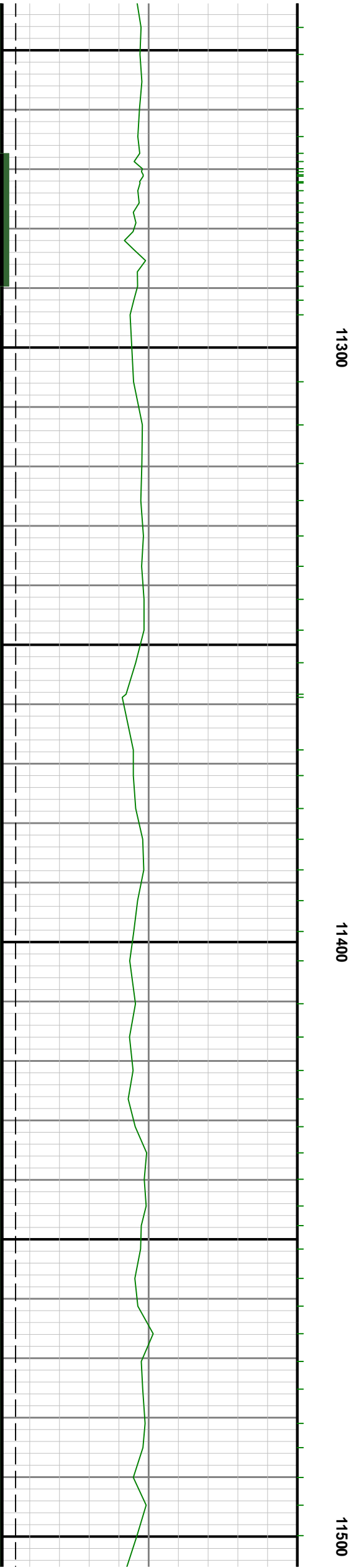
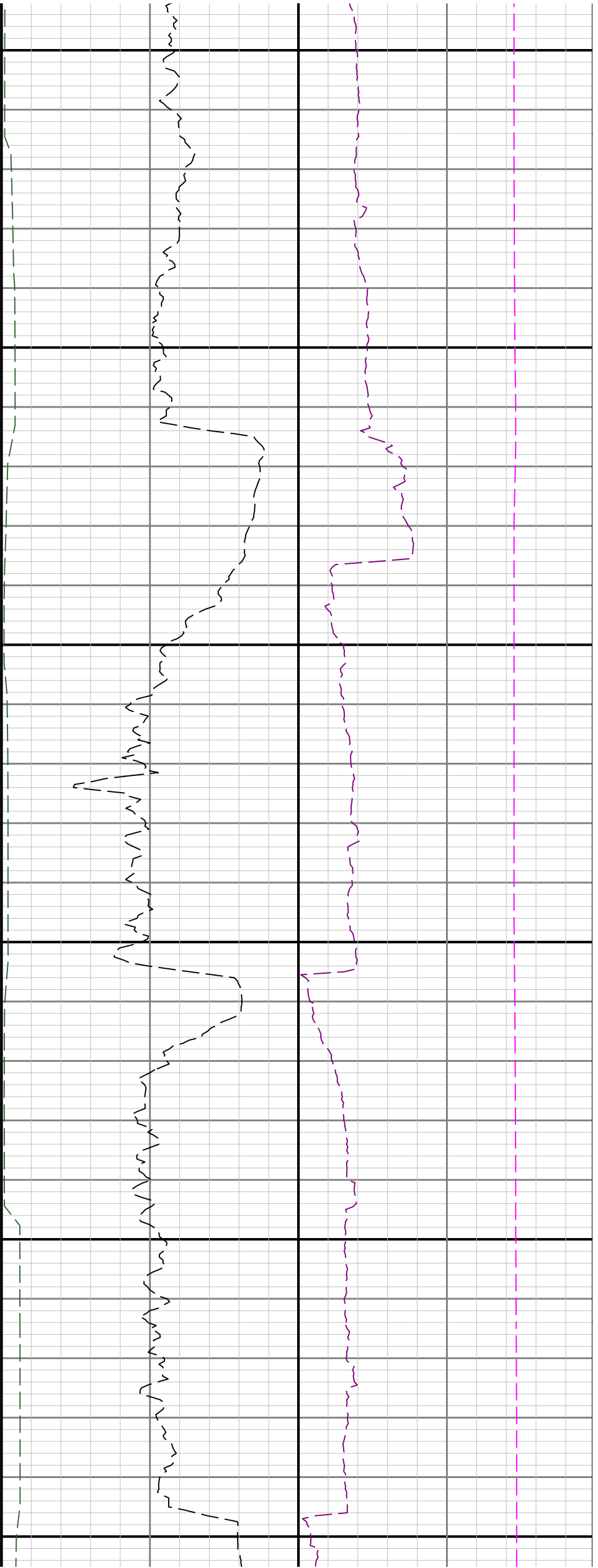


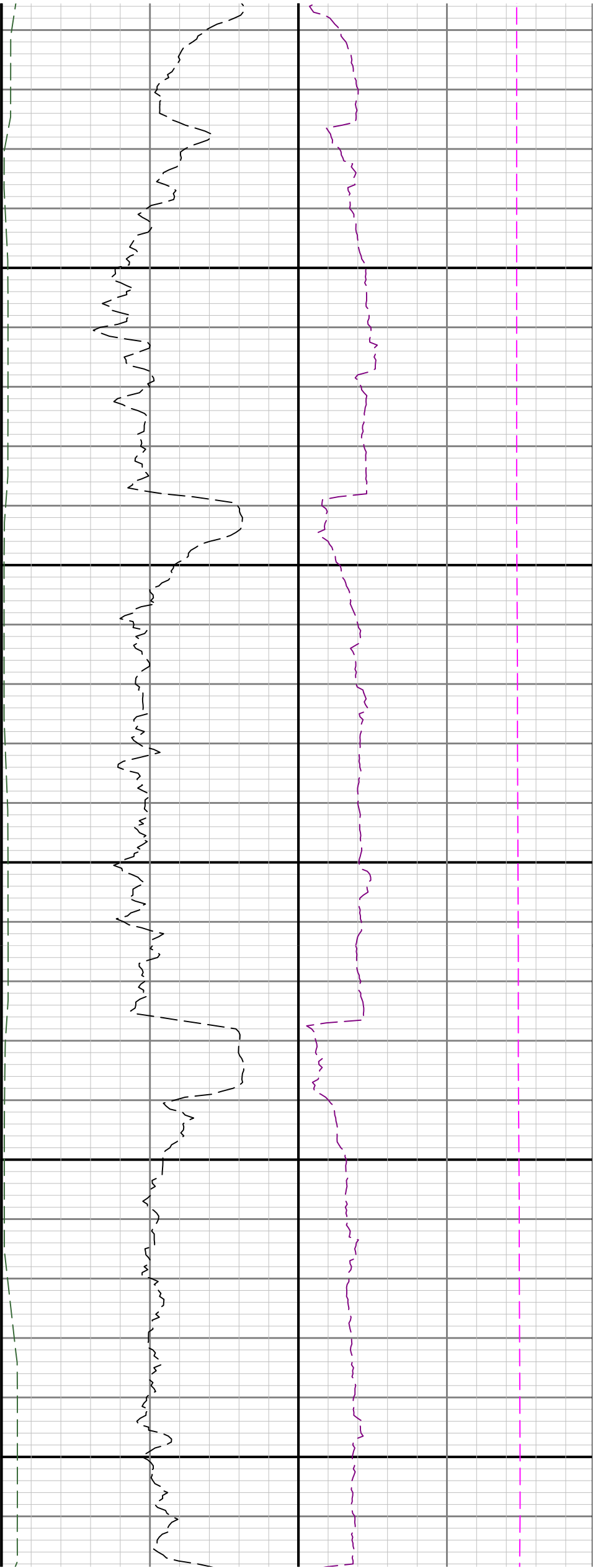
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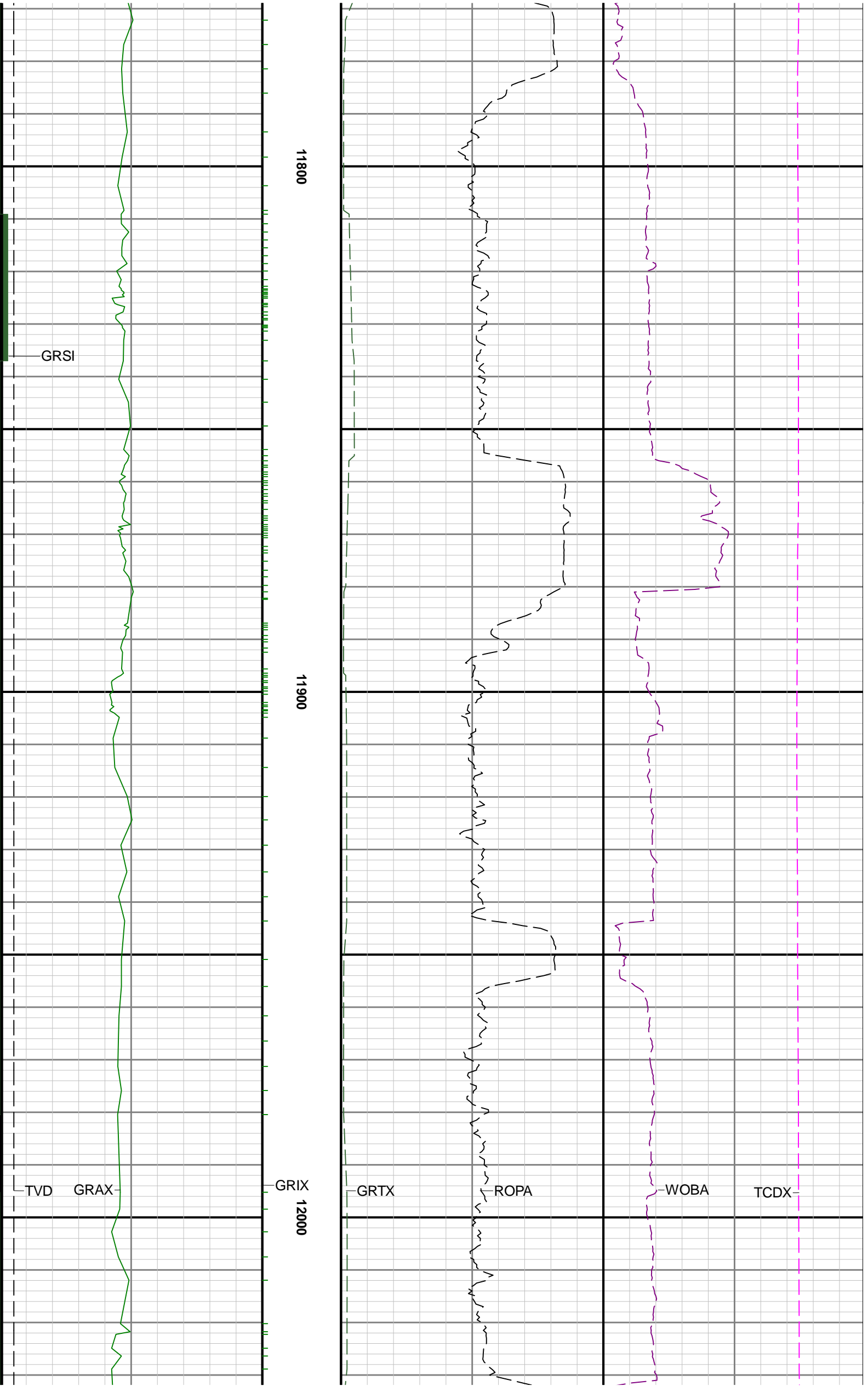


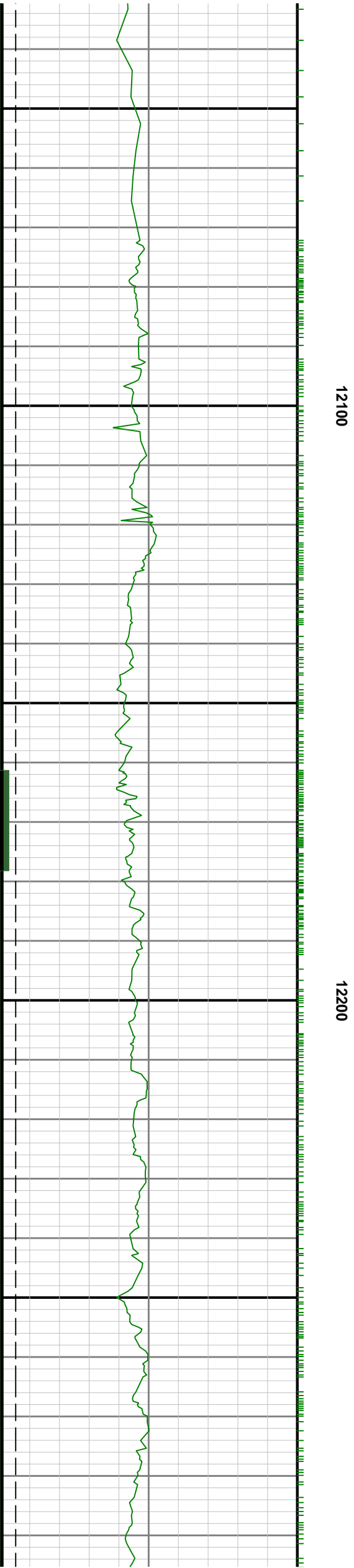
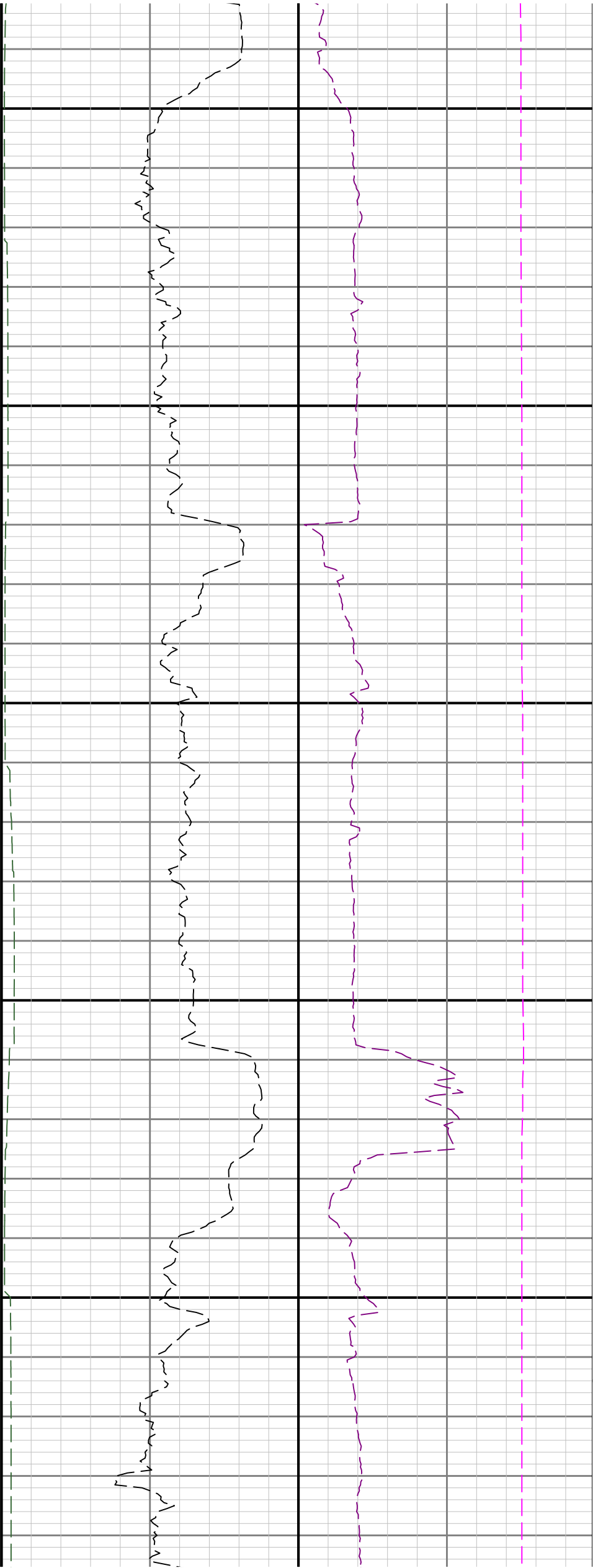


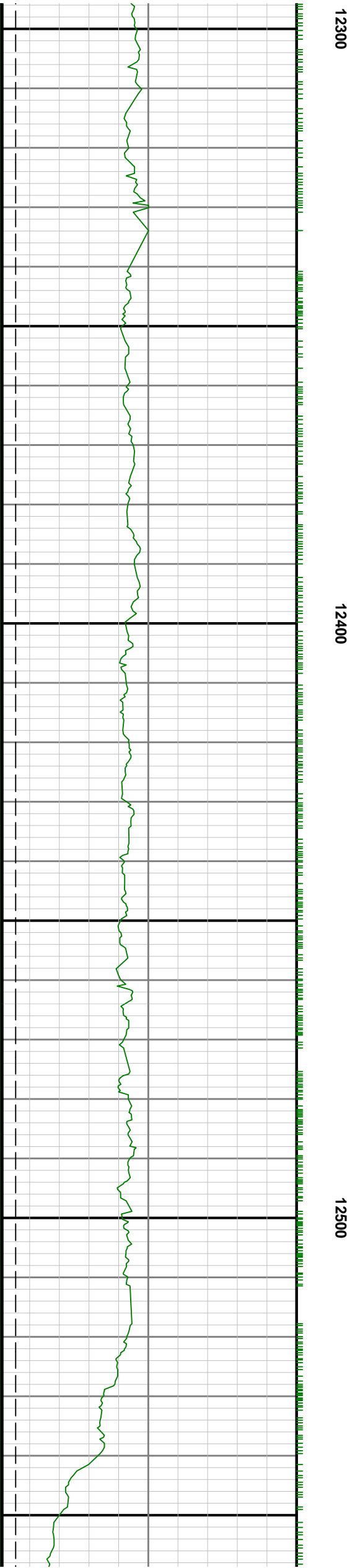
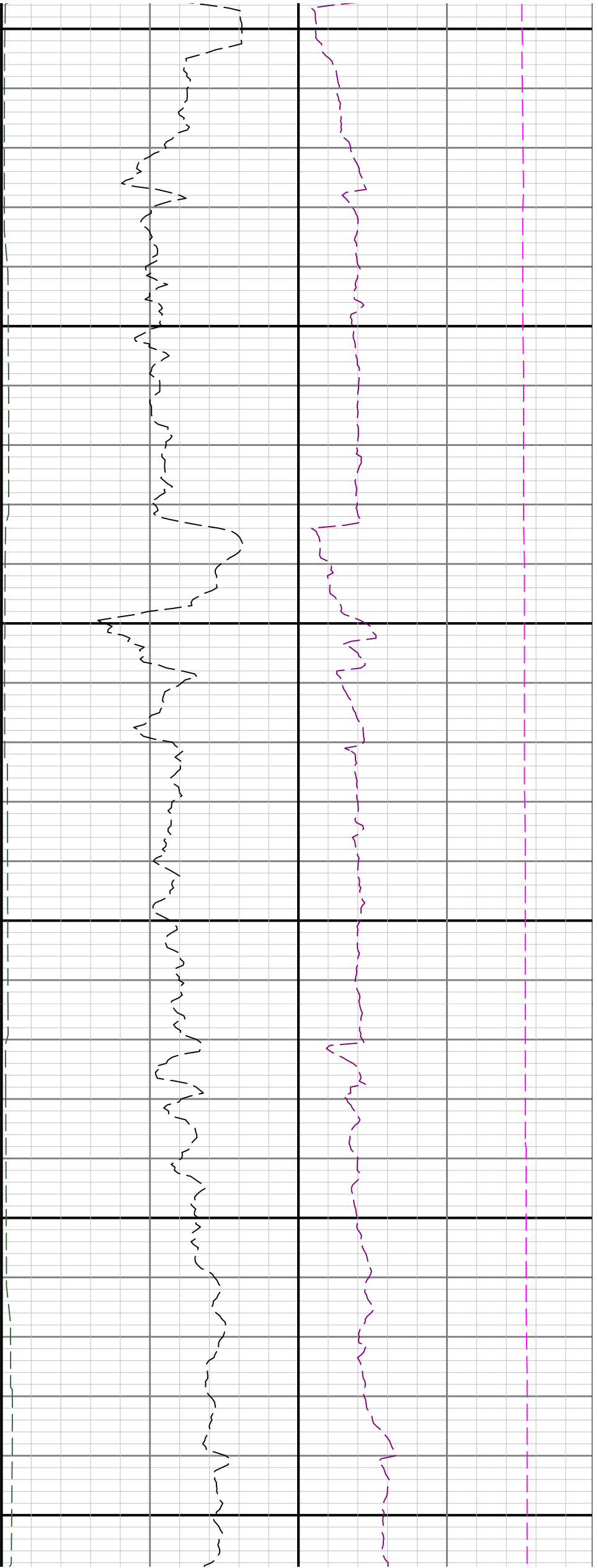


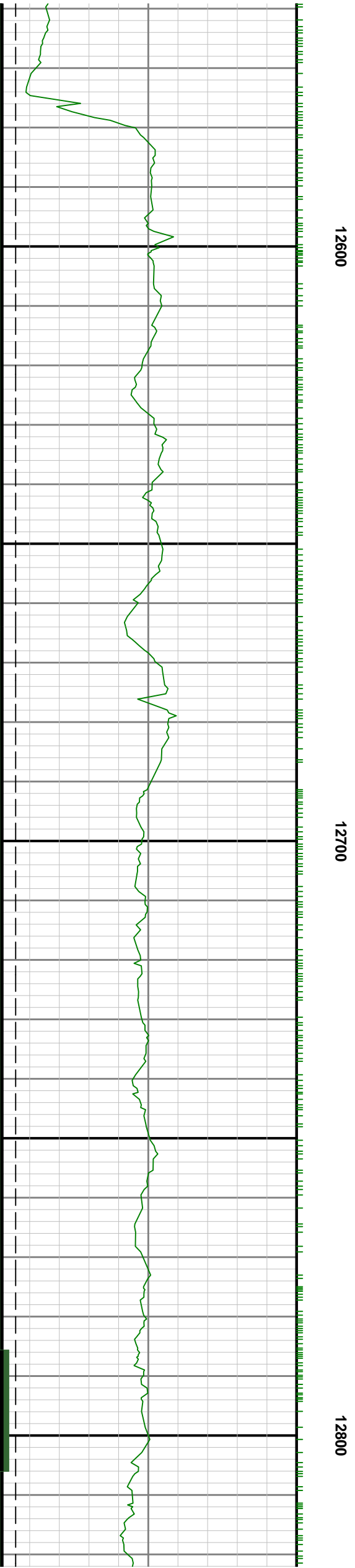
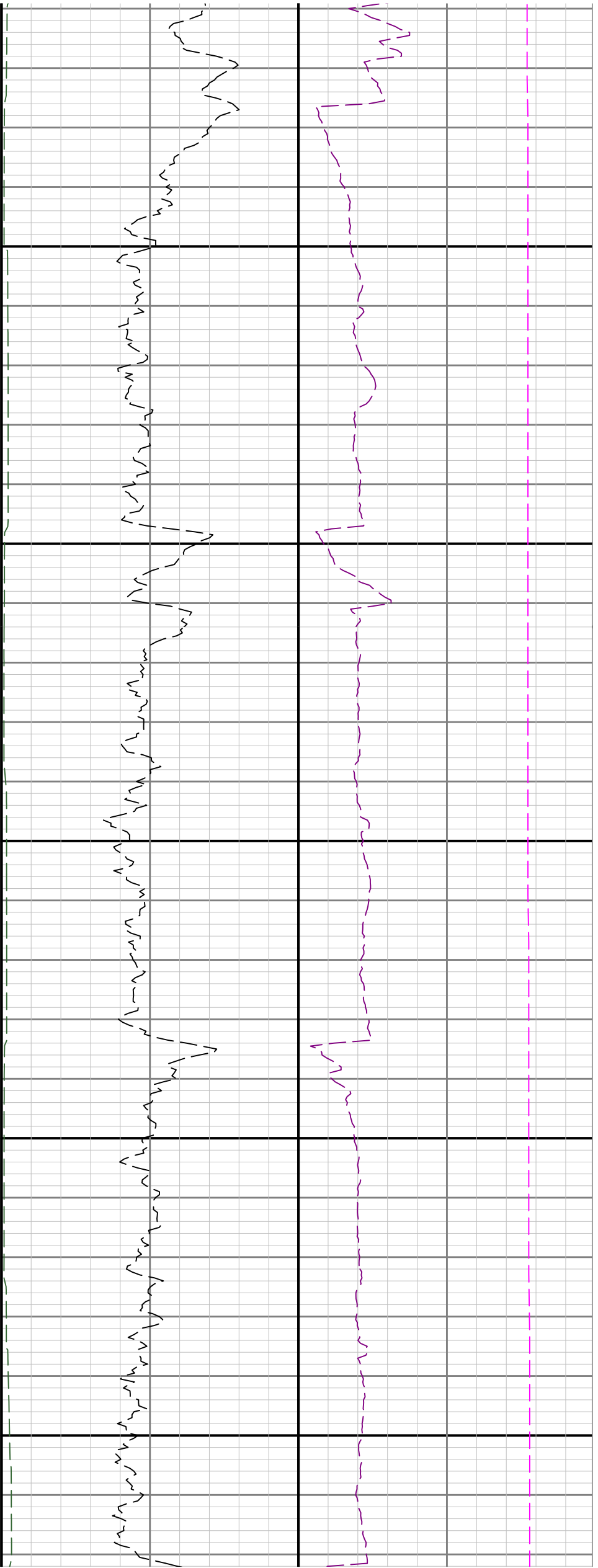
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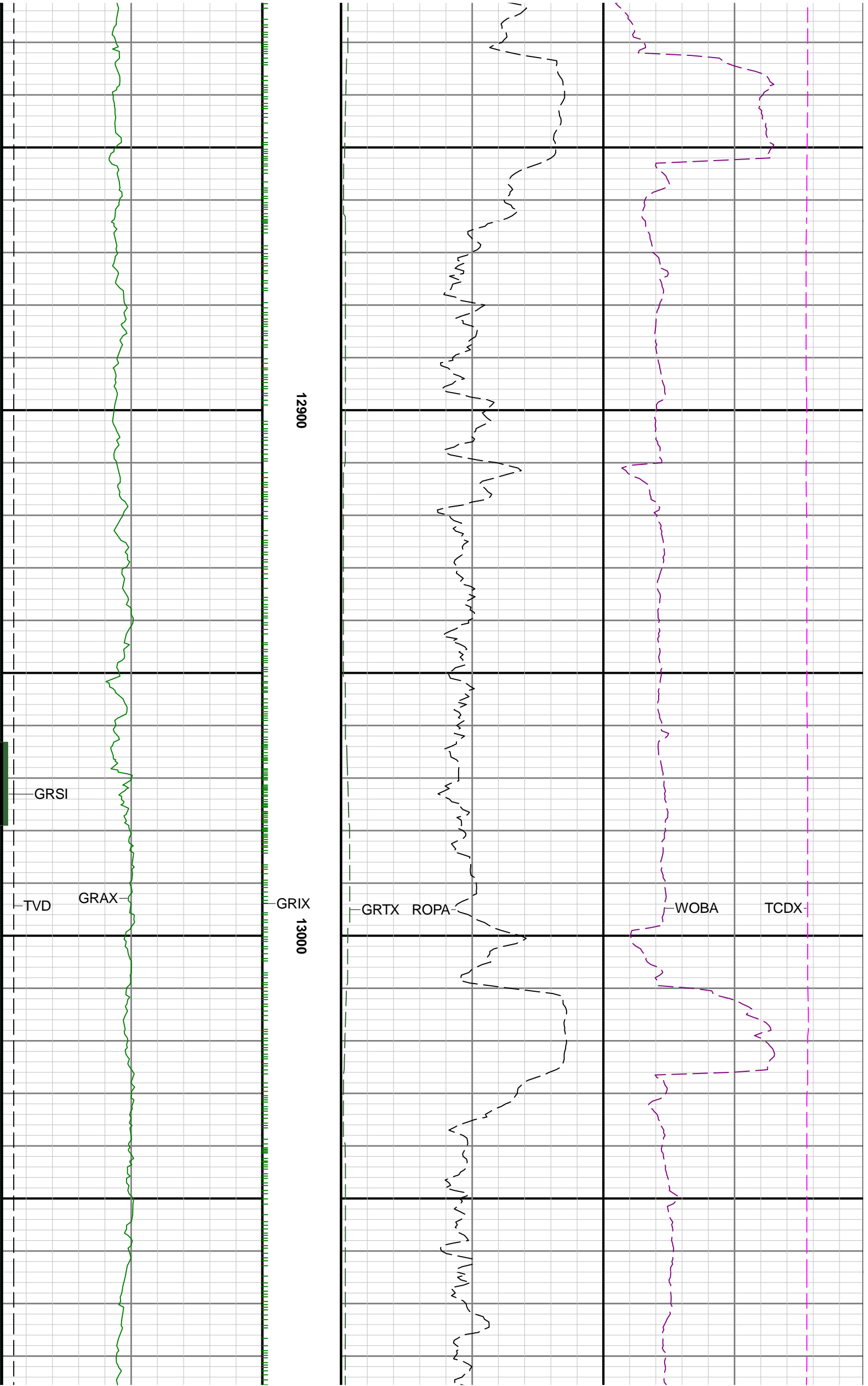
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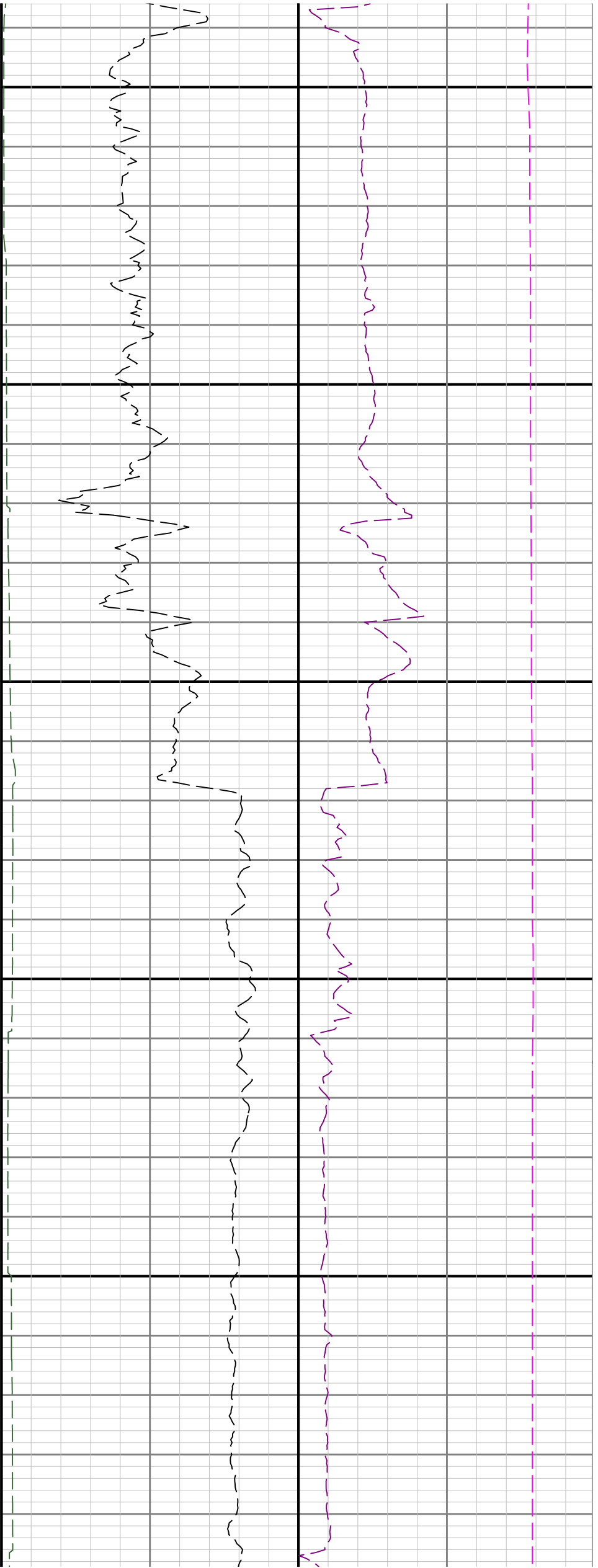








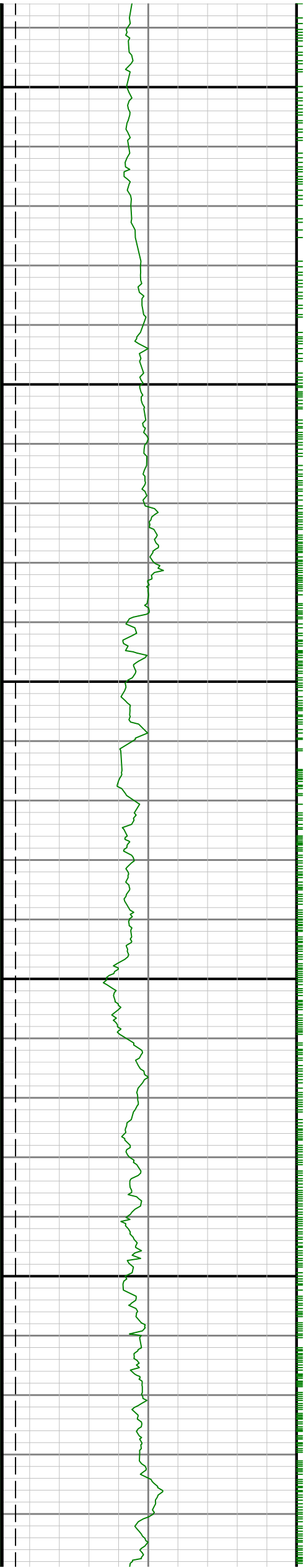


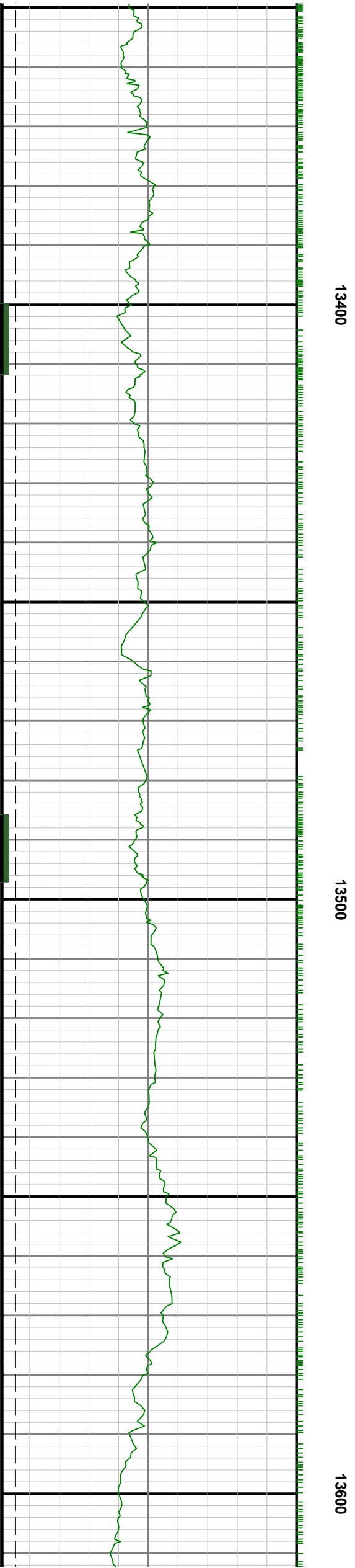
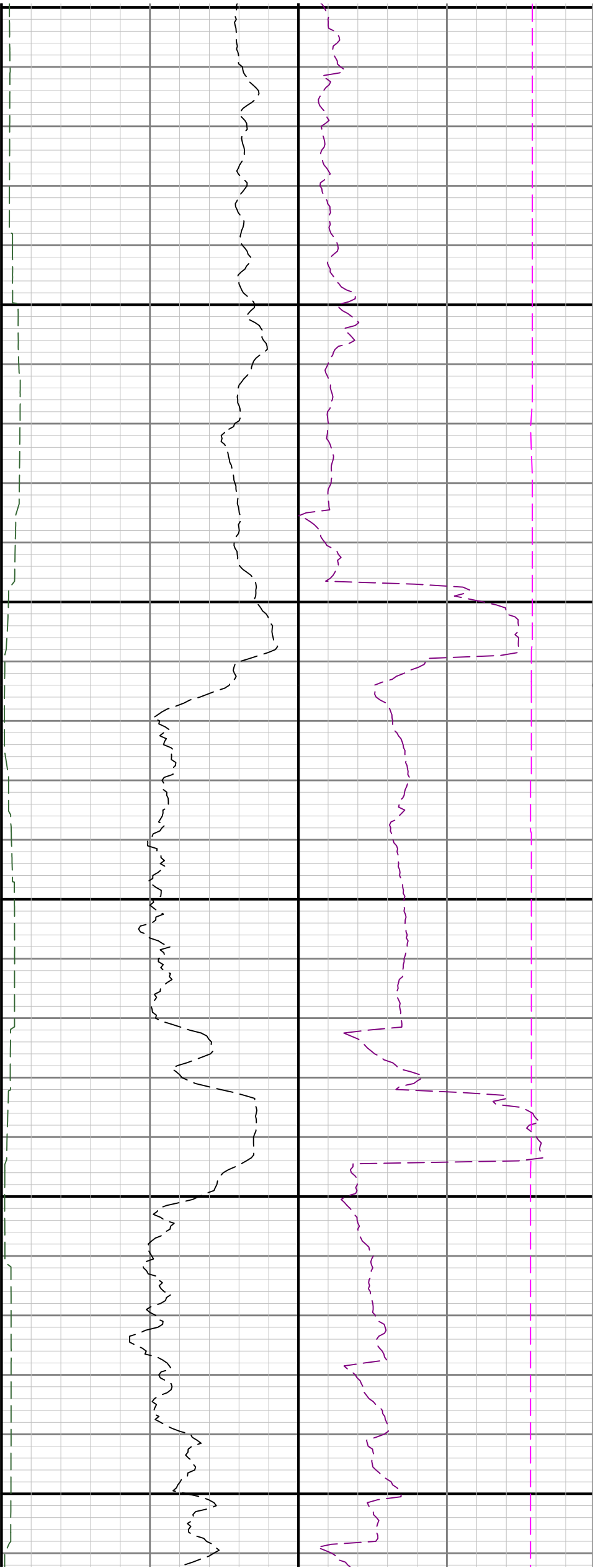


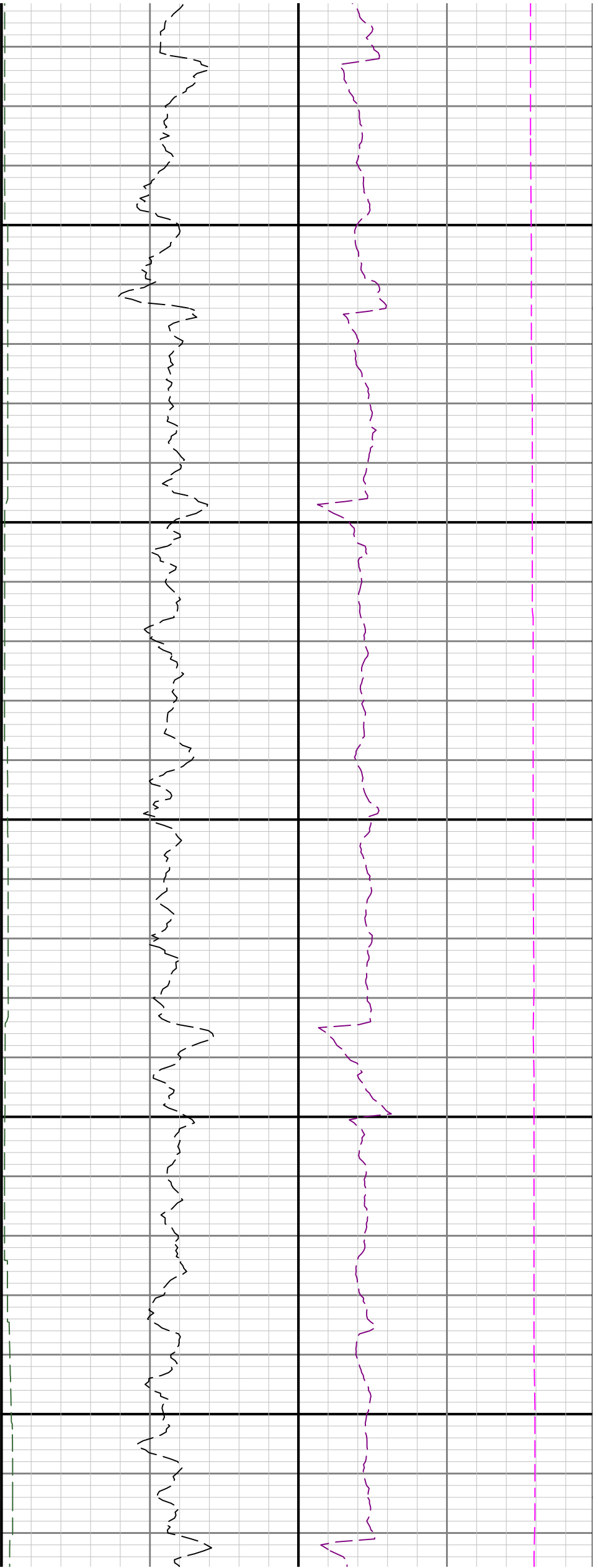
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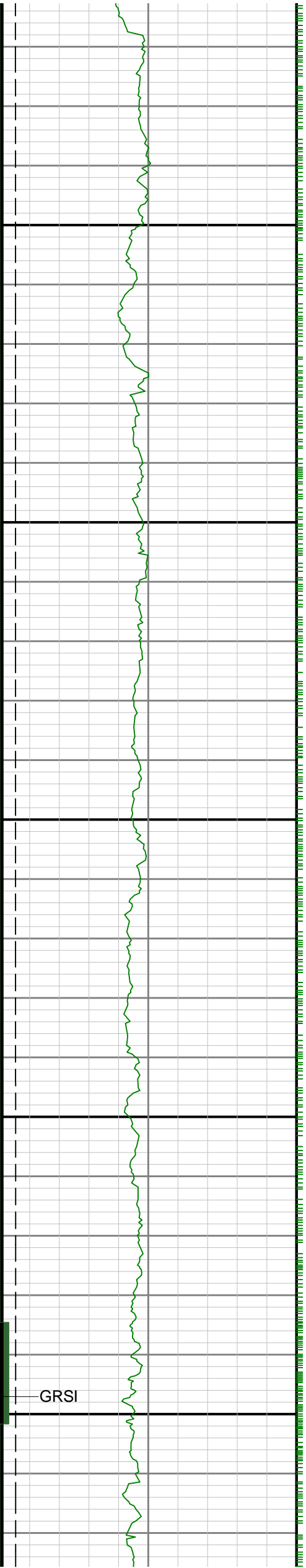




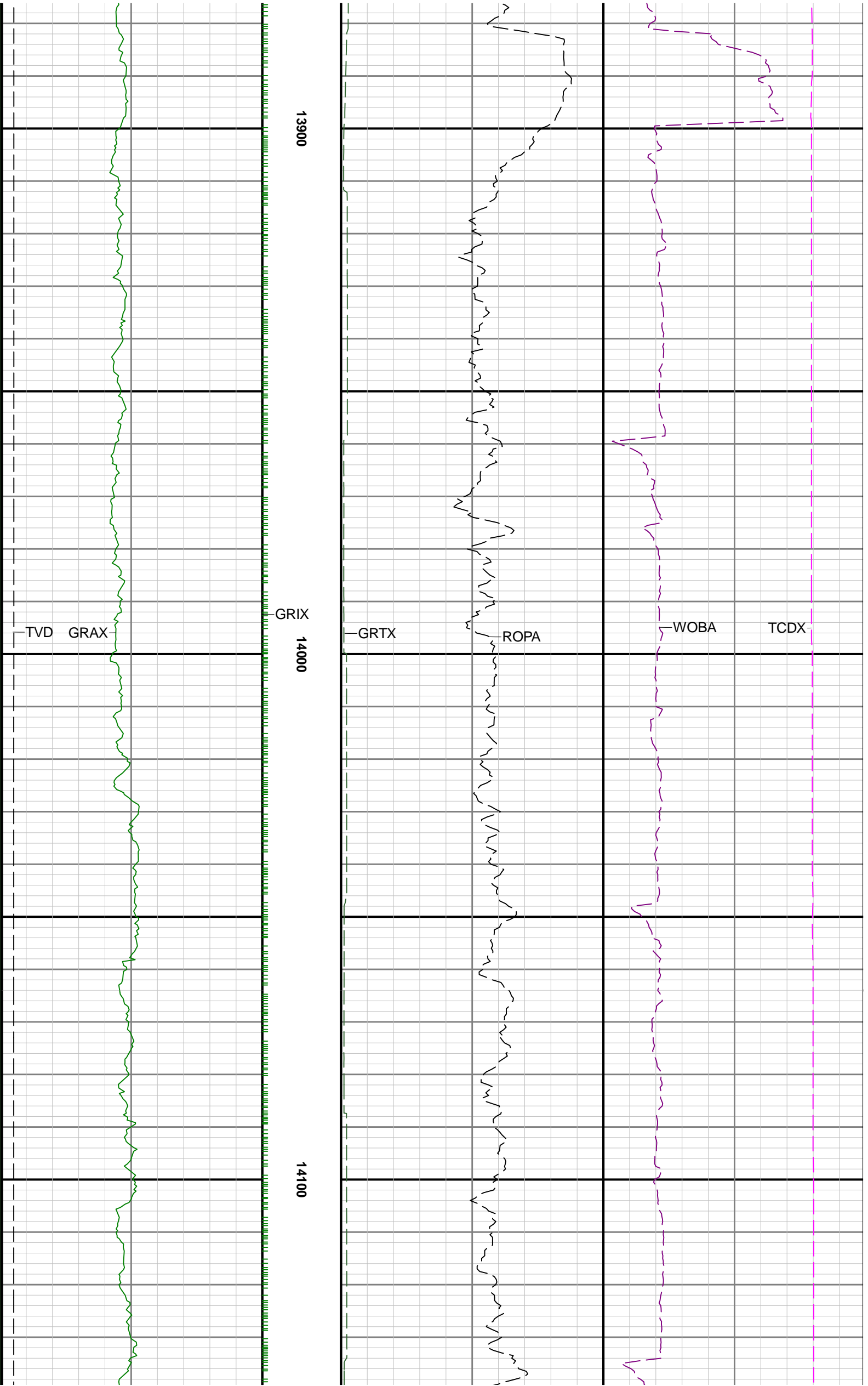


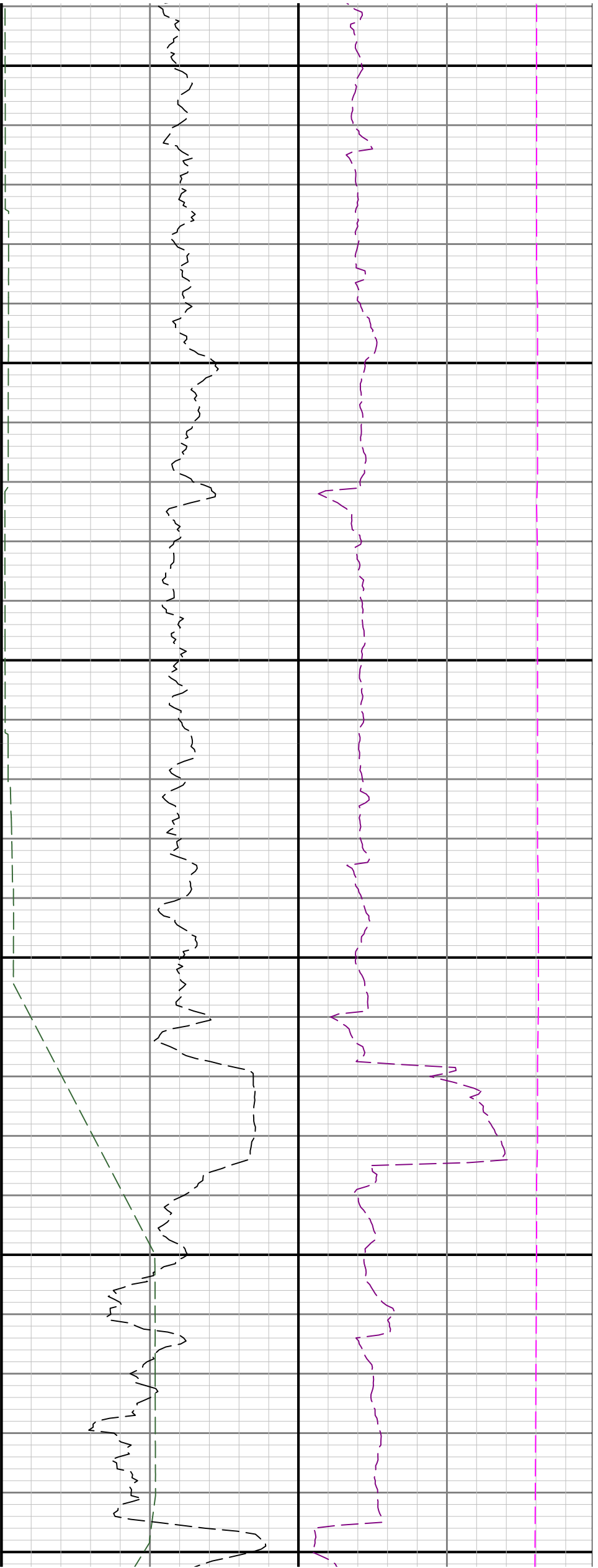
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GRSI

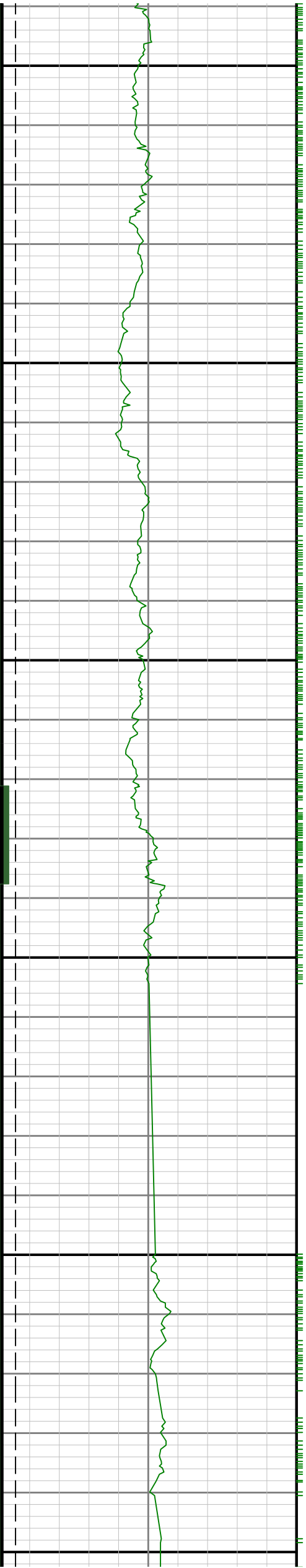


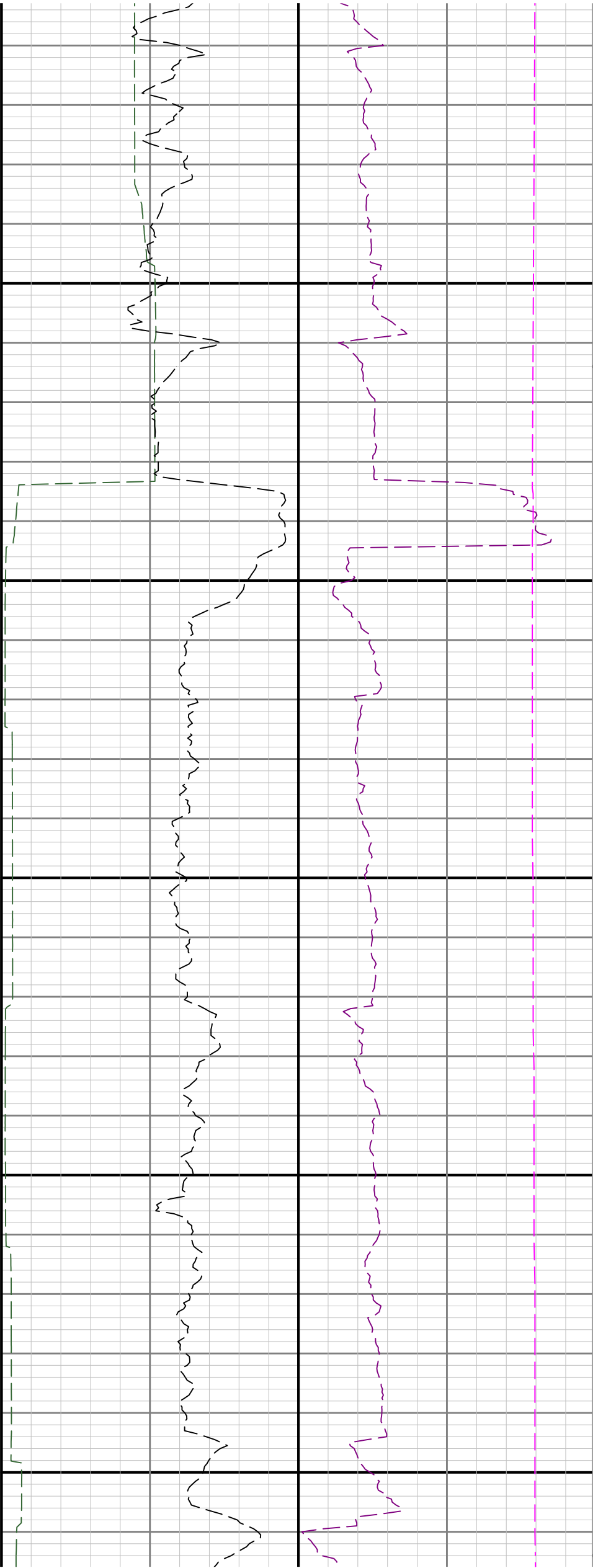


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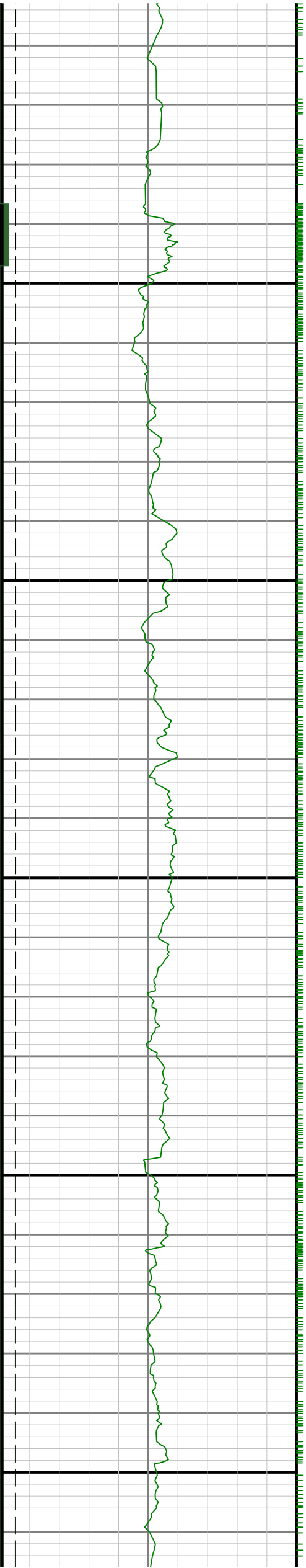
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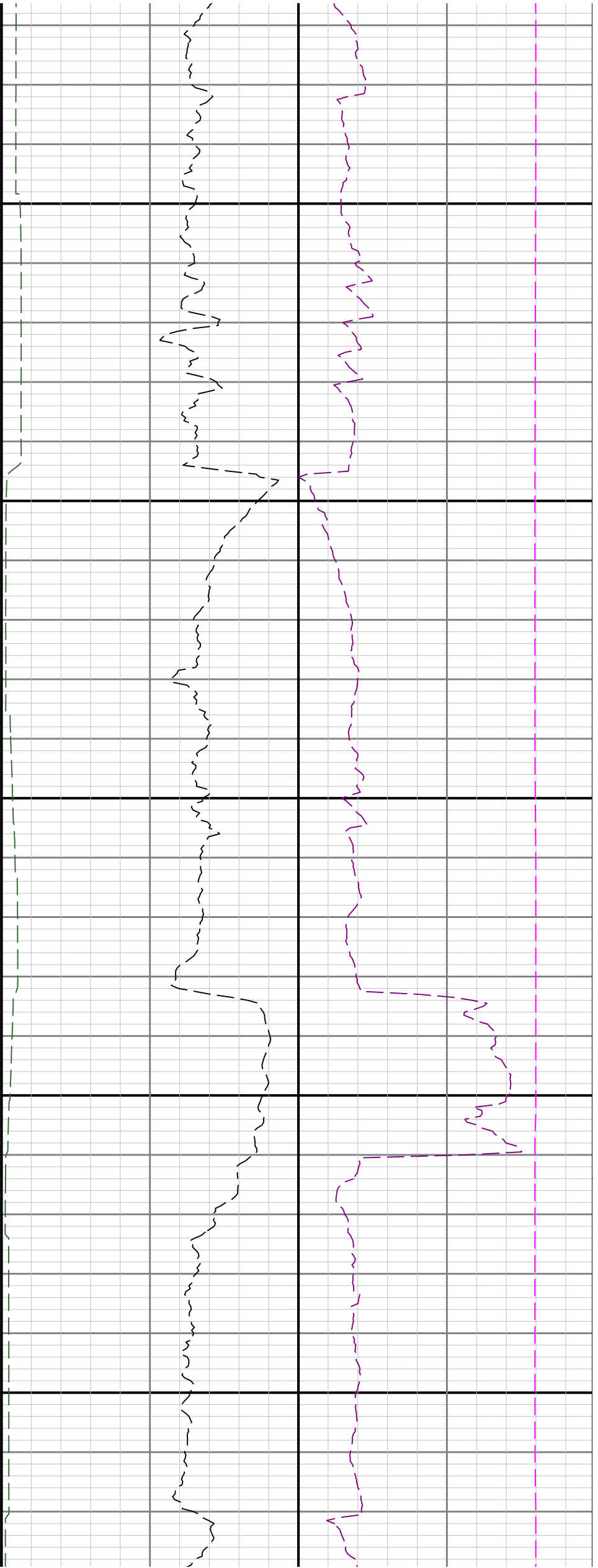




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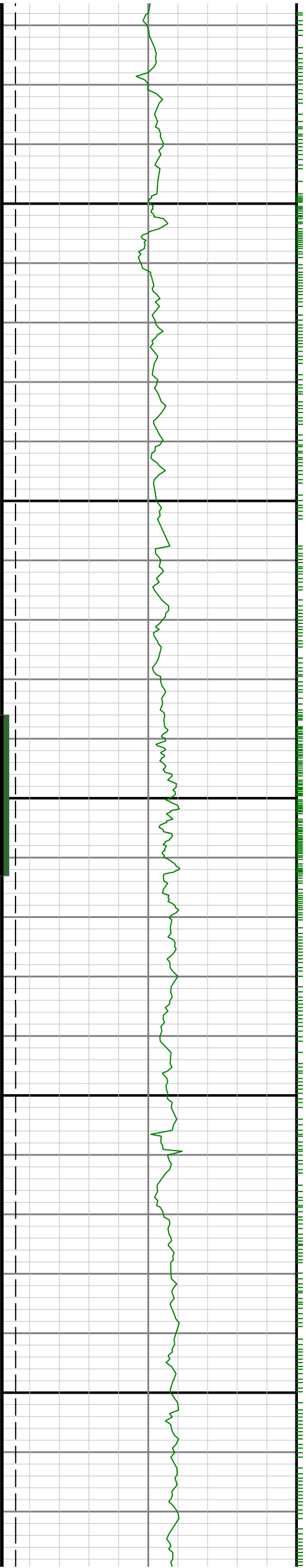


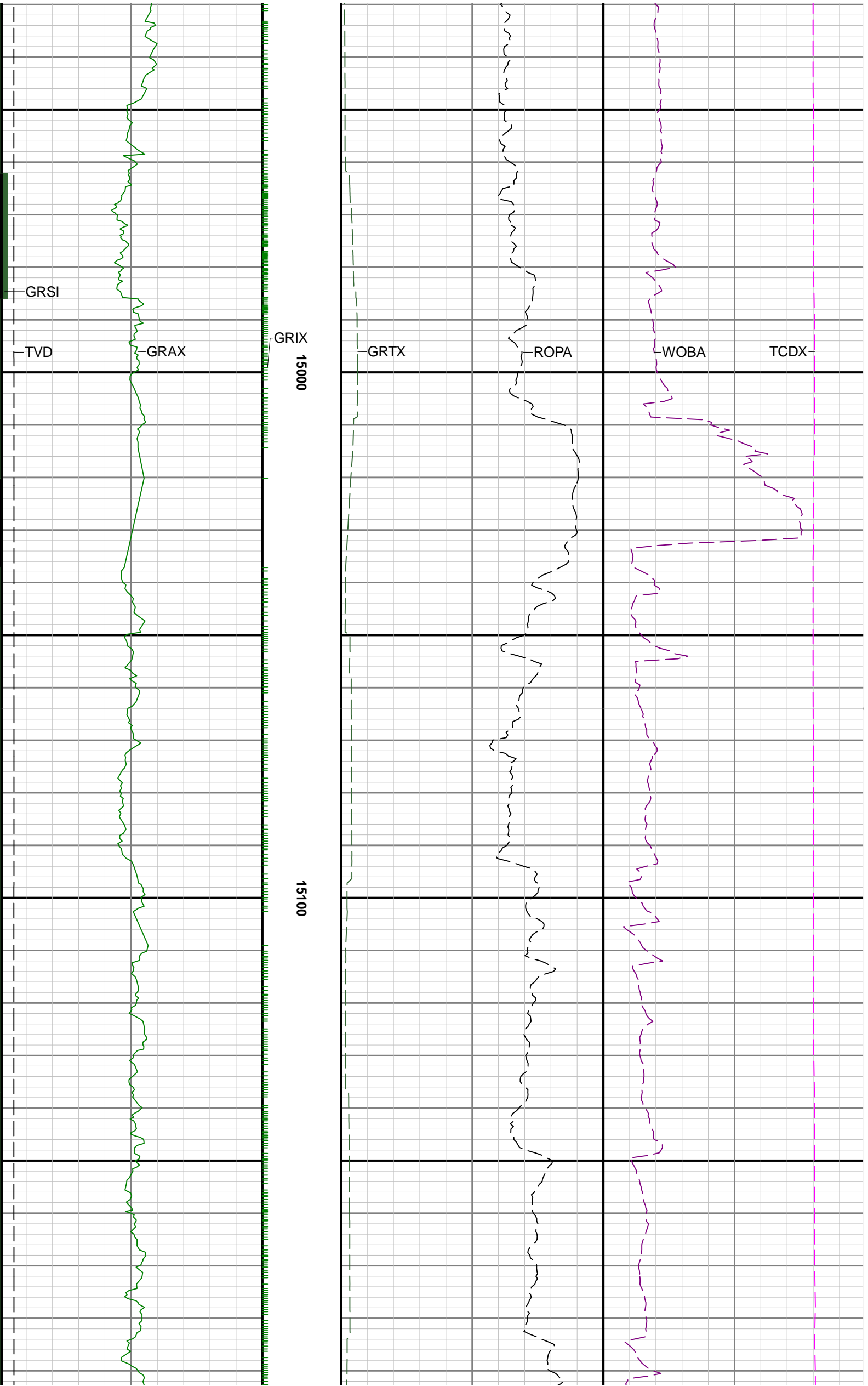


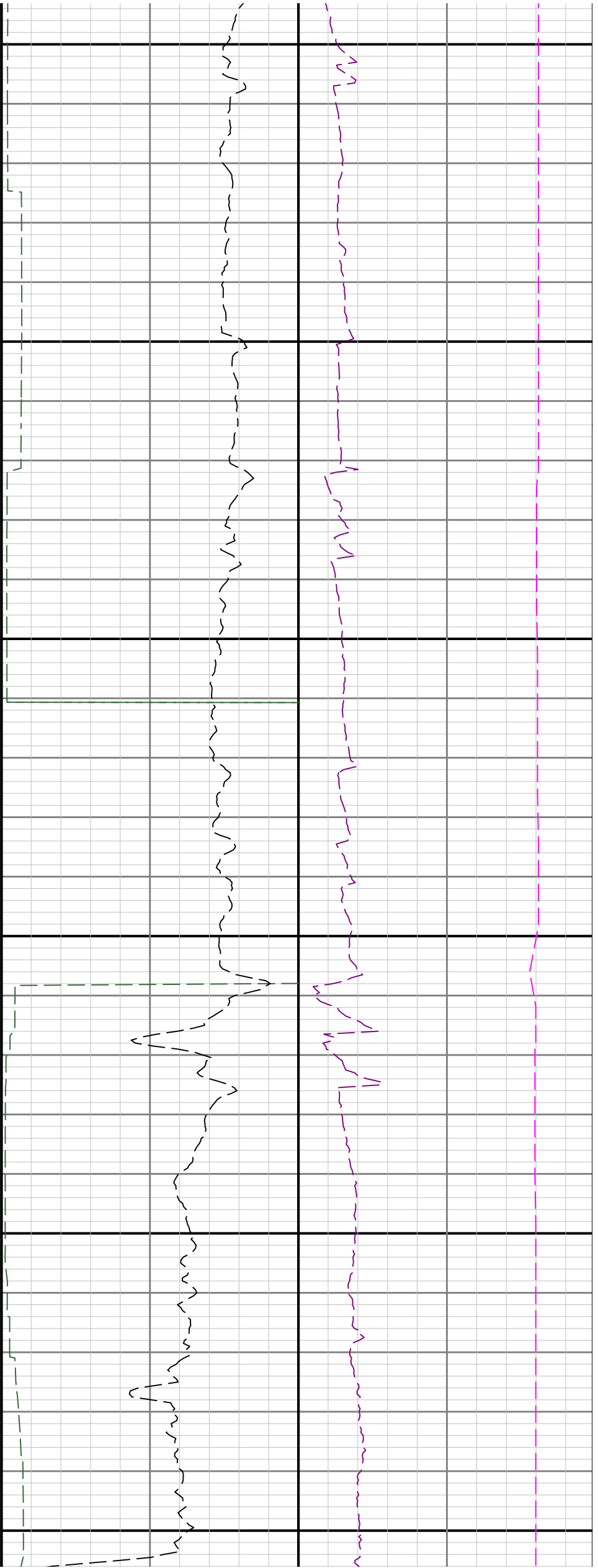
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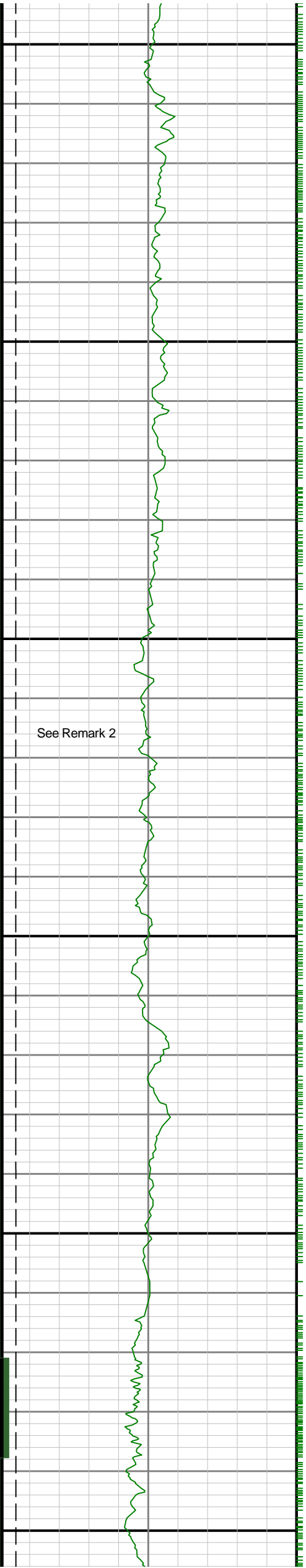


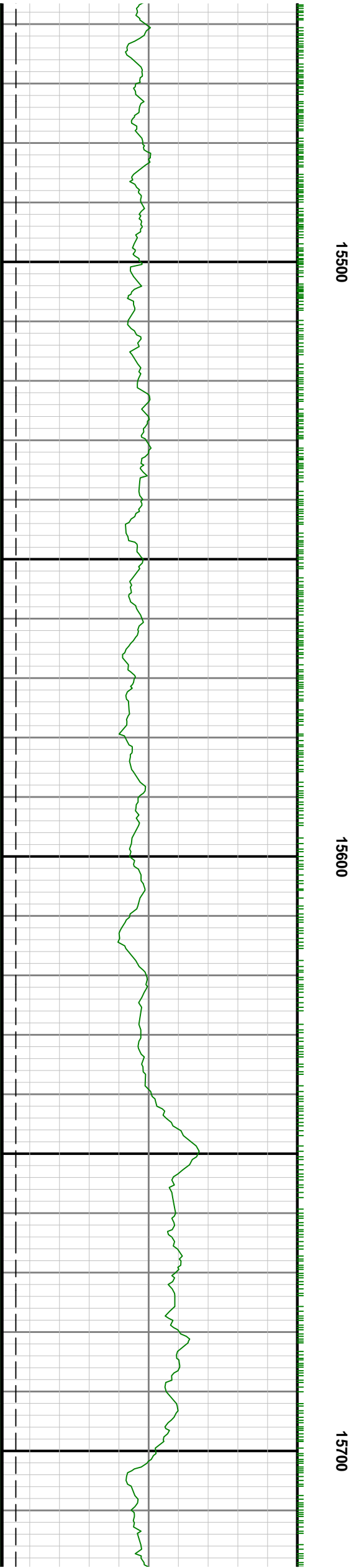
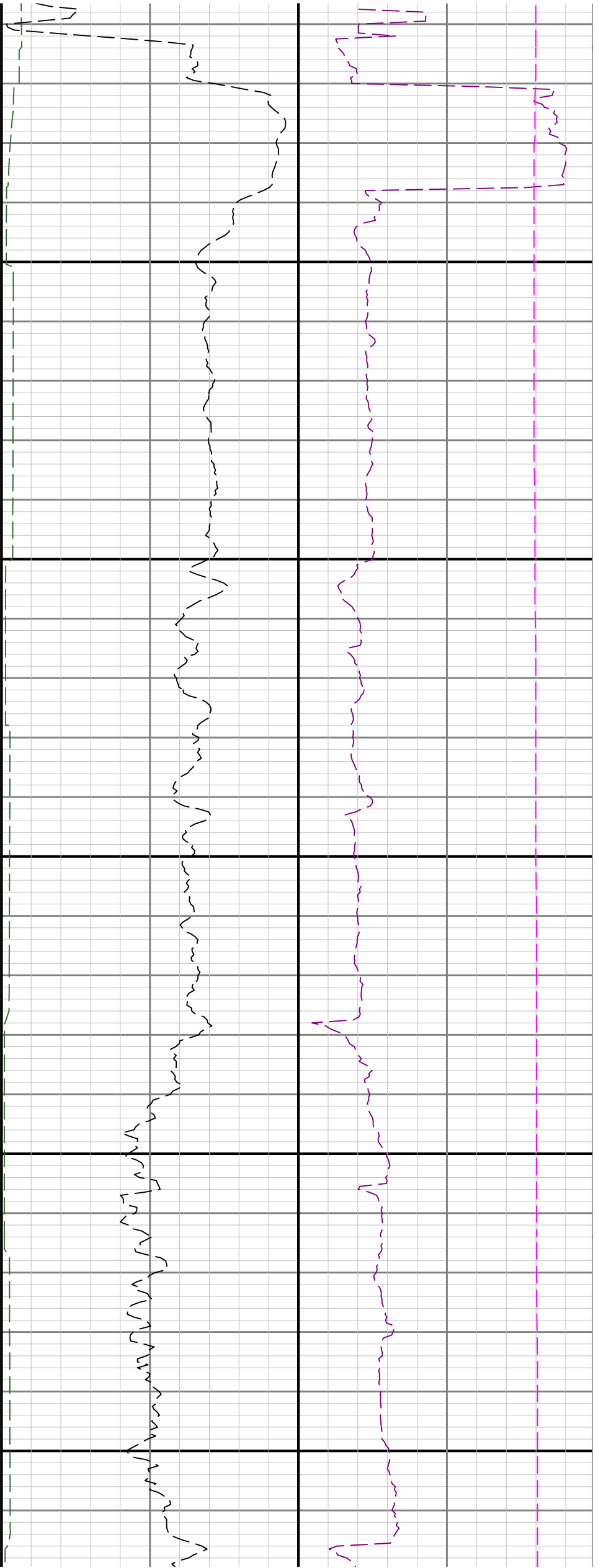
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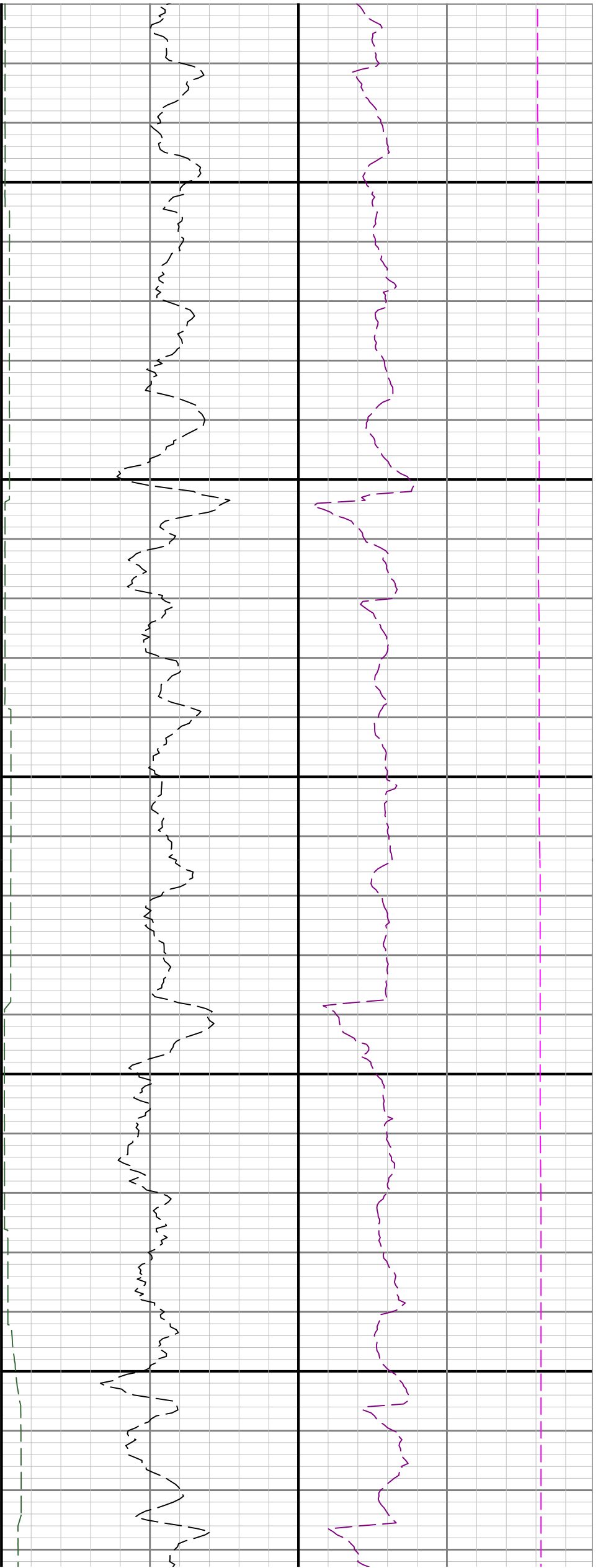
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15400

See Remark 2



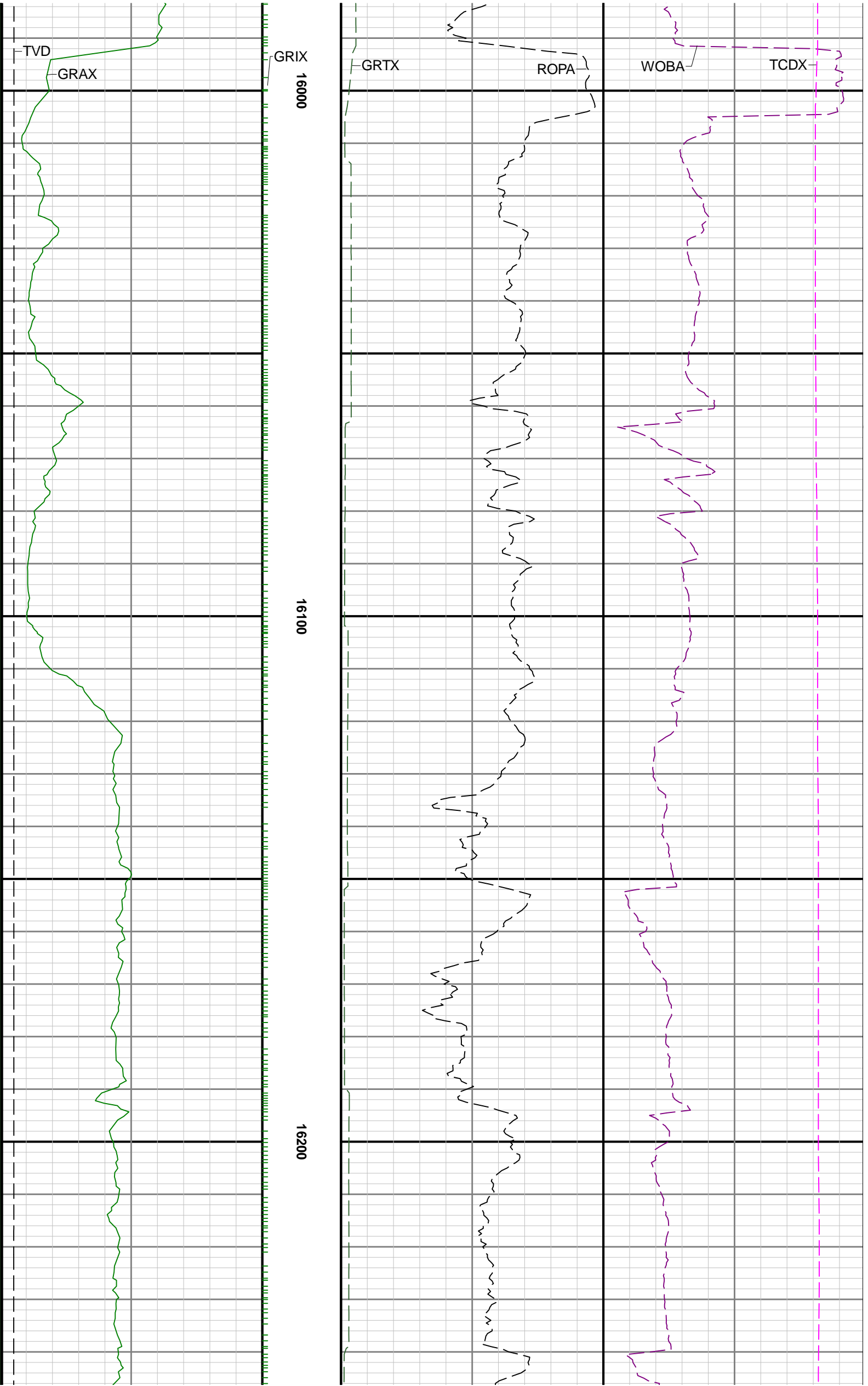


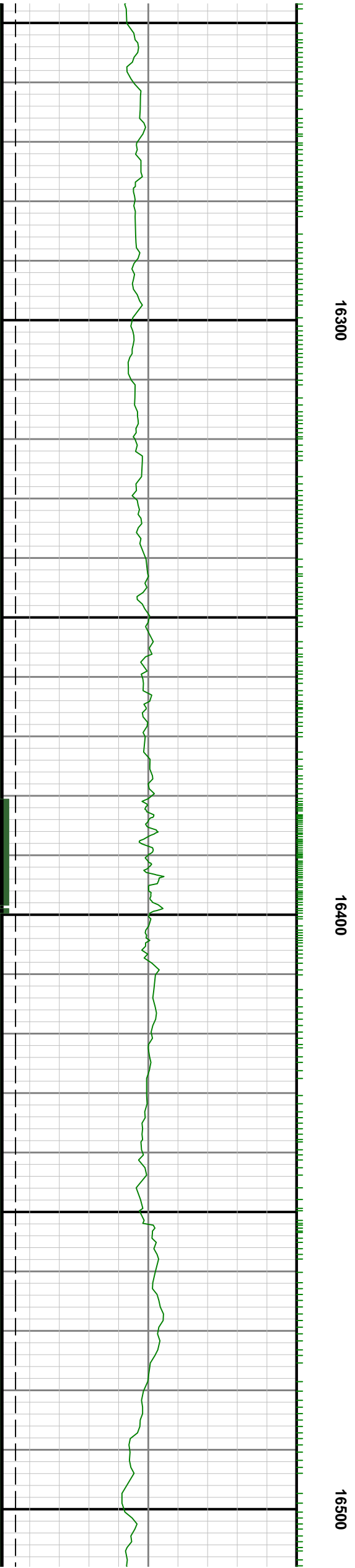
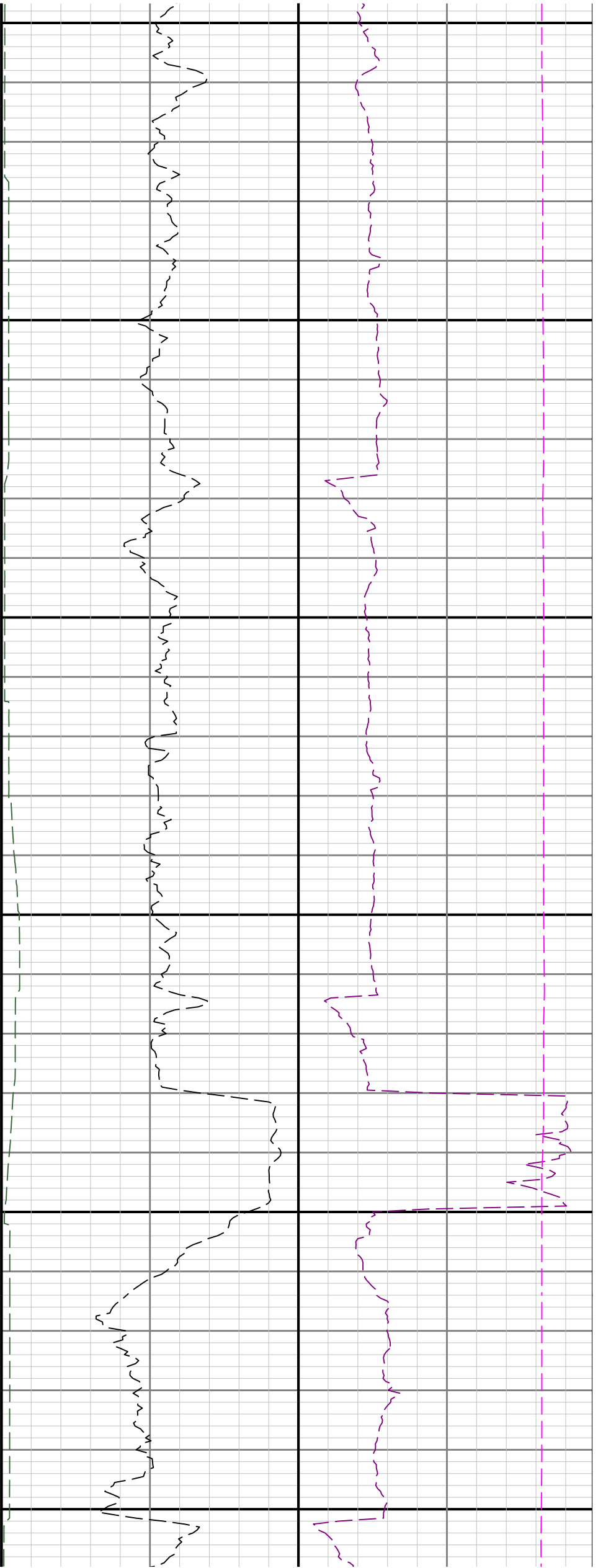


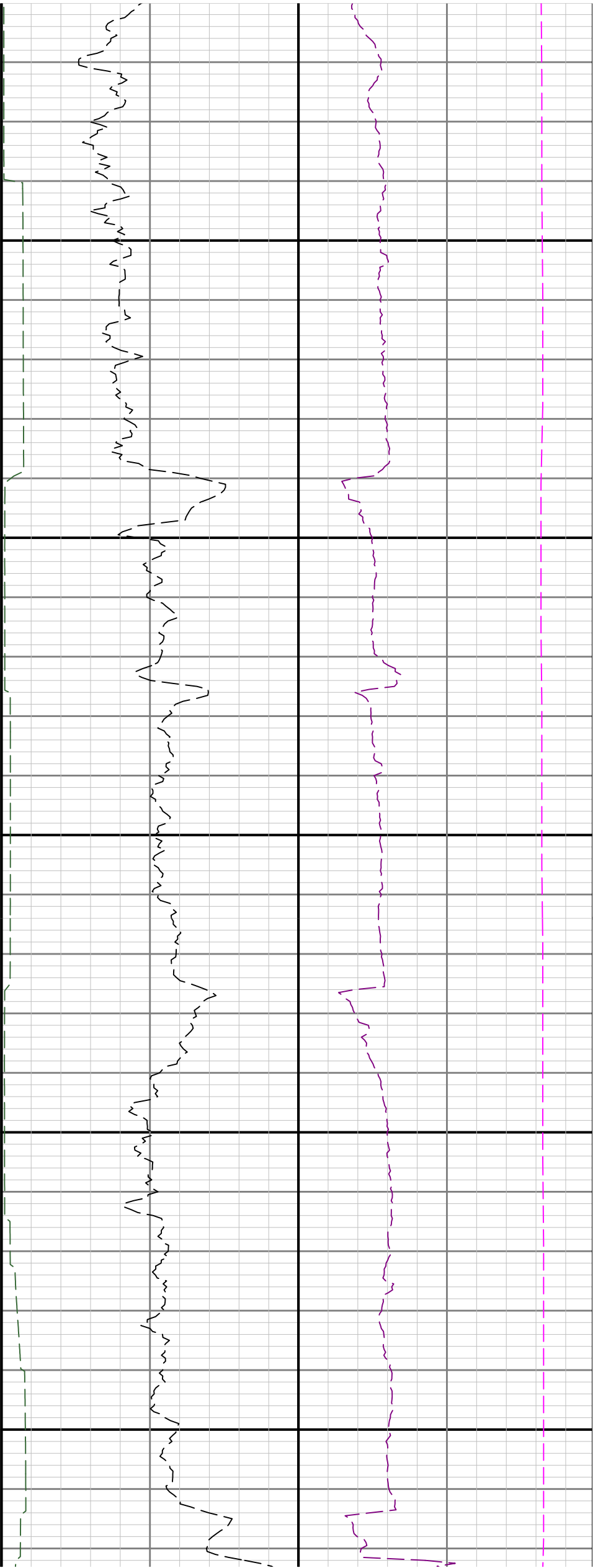
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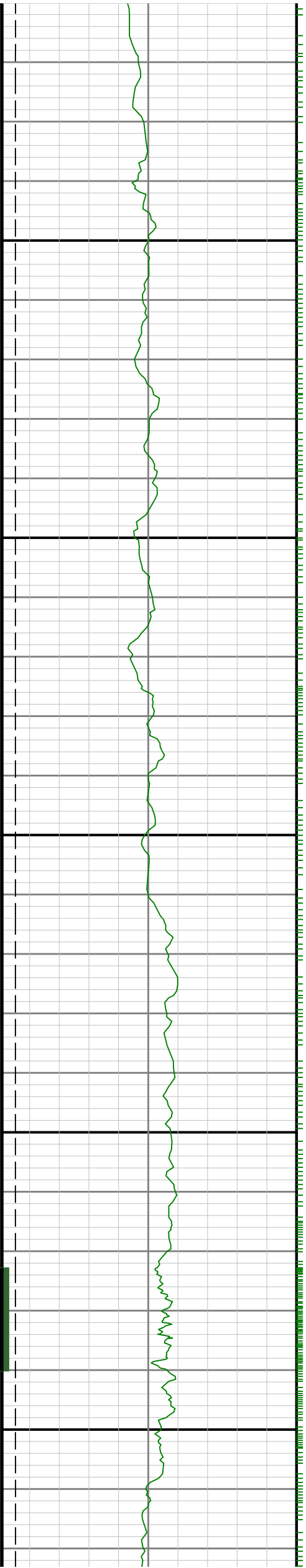


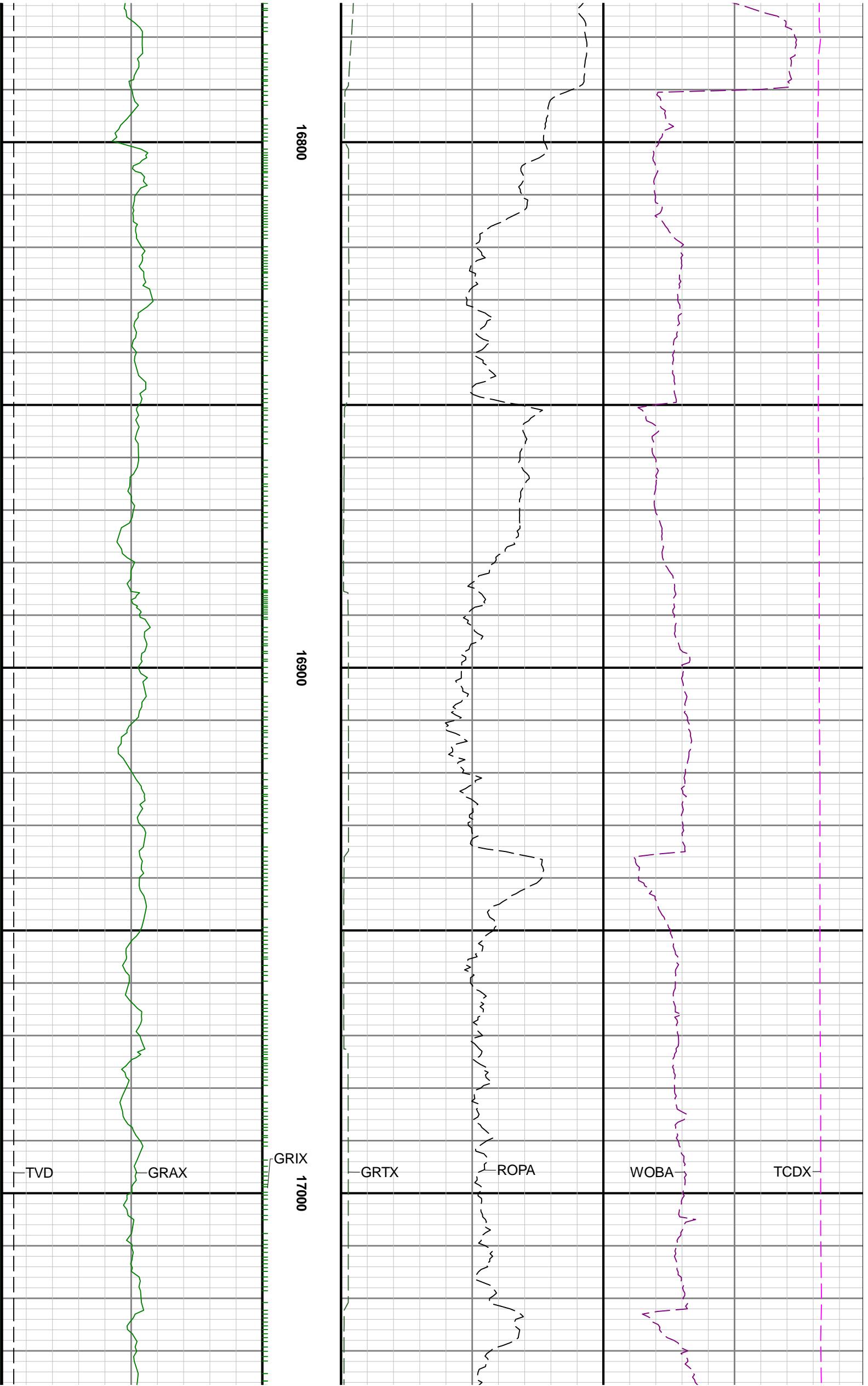


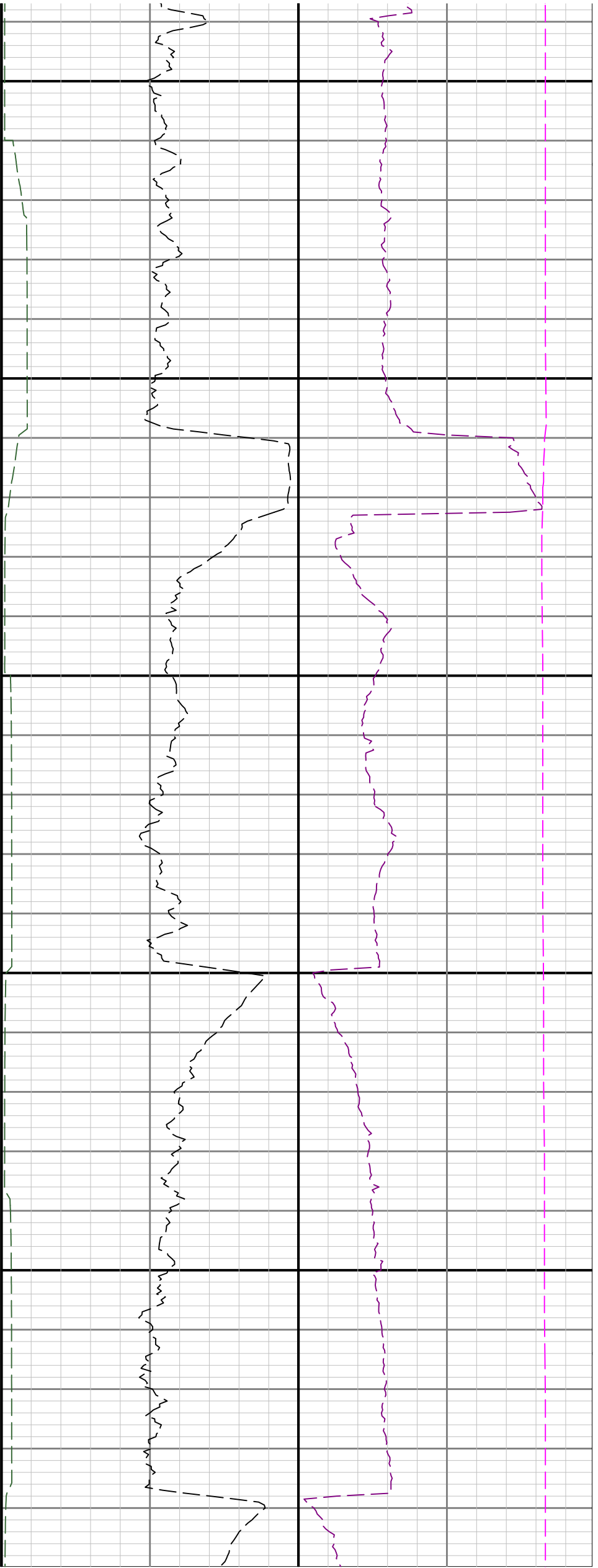


16600

16700







17100

17200

17250

GRSI

