

Mud Properties Record

Date / Time	Run No.	Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2019-06-07 11:52	1	1930.00	Diesel-Oil Based Mud	9.4	14	N/A	N/A	70/20	Active Pit	29000	0.00
2019-06-09 10:16	2	10957.00	Diesel-Oil Based Mud	9.4	17	N/A	N/A	65/25	Active Pit	36000	0.00
2019-06-09 18:00	2	11143.00	Diesel-Oil Based Mud	9.3	17	N/A	N/A	66/25	Active Pit	37000	0.00

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	EvoOne	14786471	Gamma (single)	8.20	45.79	6.500	0.000
1	EvoOne	14786471	Directional (mag)	9.39	46.98	6.500	0.000
2	EvoOne	14786471	Gamma (single)	8.20	50.65	6.500	0.000
2	EvoOne	14786471	Directional (mag)	9.39	51.84	6.500	0.000

Service and Tool Mnemonics

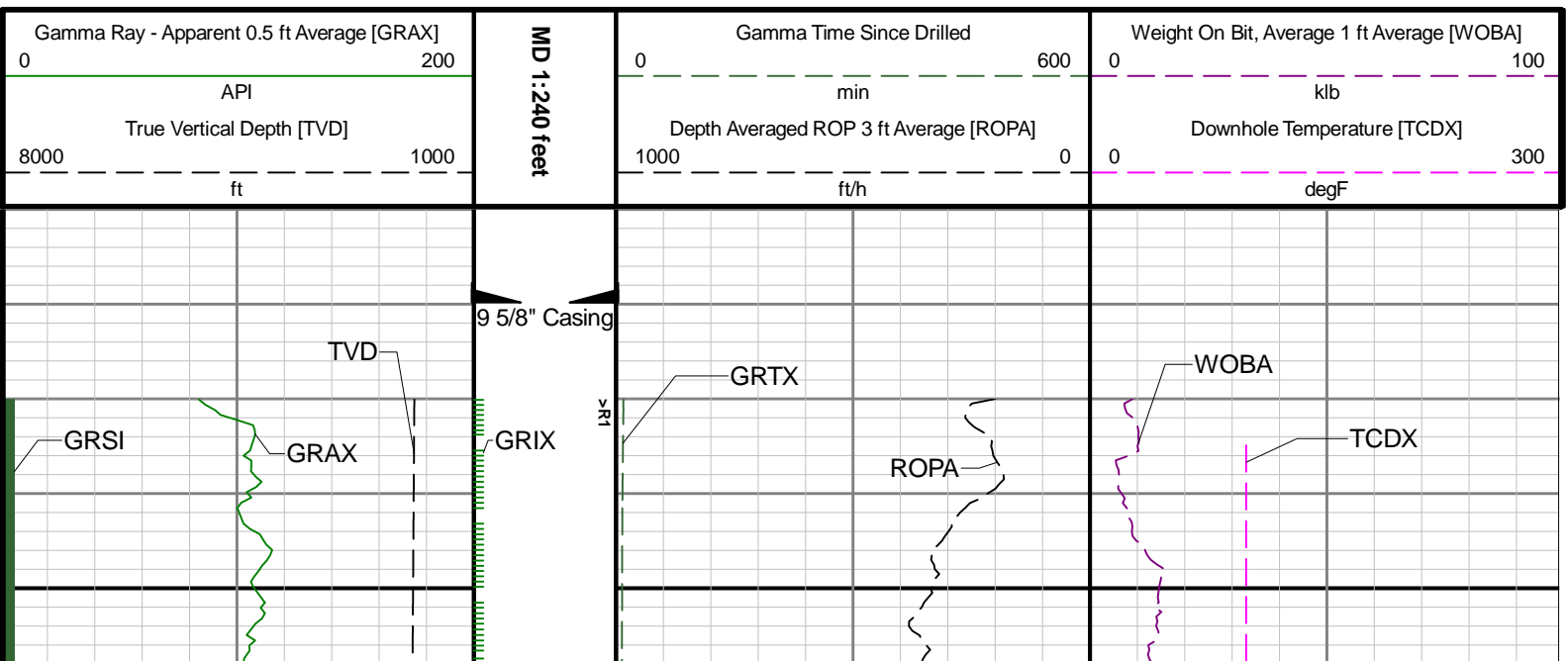
Mnemonic	Name	Description
MWD	EvoOne - Dir Gamma	EvoOne

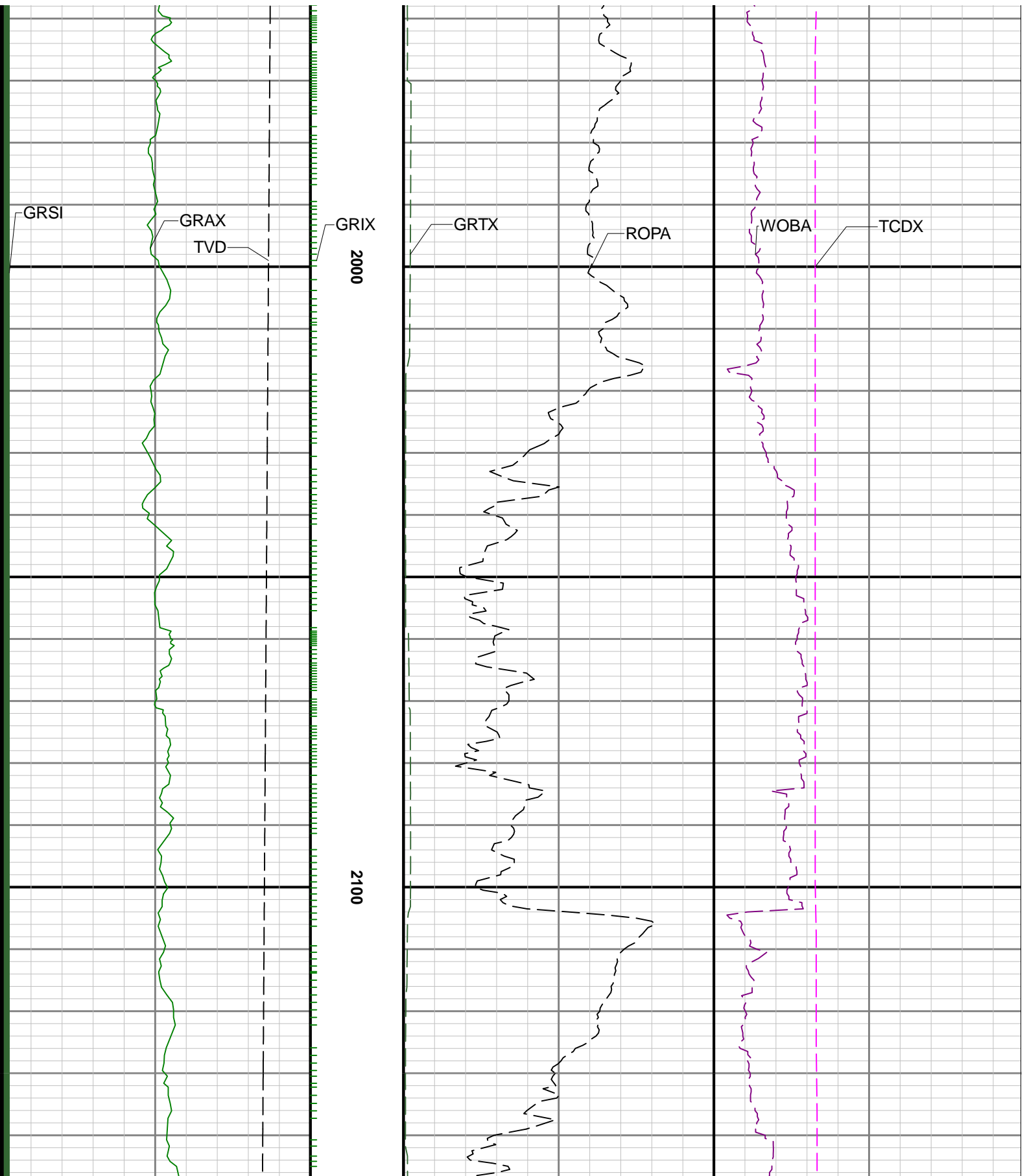
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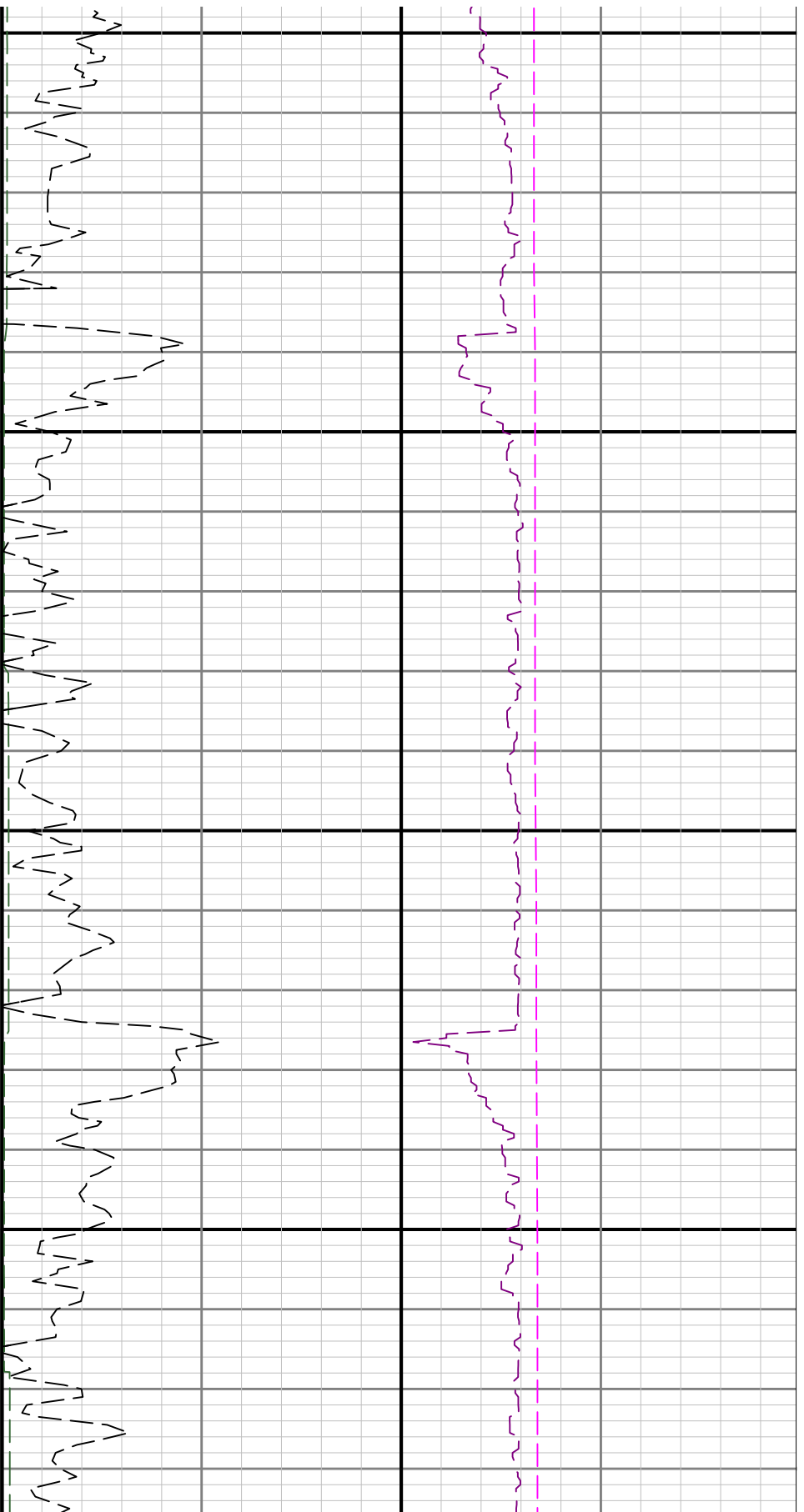
- 1
- Depth measurements were obtained from a depth control system not supplied by Baker Hughes. Due to lack of control by Baker Hughes logging engineers depth calibrations and measurements could not be independently verified and the unverified depths as supplied to Baker Hughes are being used to represent logging data.
- 2
- 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.
- 3
- 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 1930 to 13610 feet MD (1880 to 7504 feet TVD).
- 4
- Gamma Ray (GRAX) scale is presented from a 0 to 200 API scale at the request of the customer.

Remarks

Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	10925.00	7.875	1	The interval from 10914 to 10960 feet (7472 feet) was not logged up to 14.5 hours due to trip out of hole for motor failure.
2	13600.00	7.875	2	The interval from 13559 to 13610 feet MD (7504 feet TVD) was not logged due to sensor to bit offset at well TD.

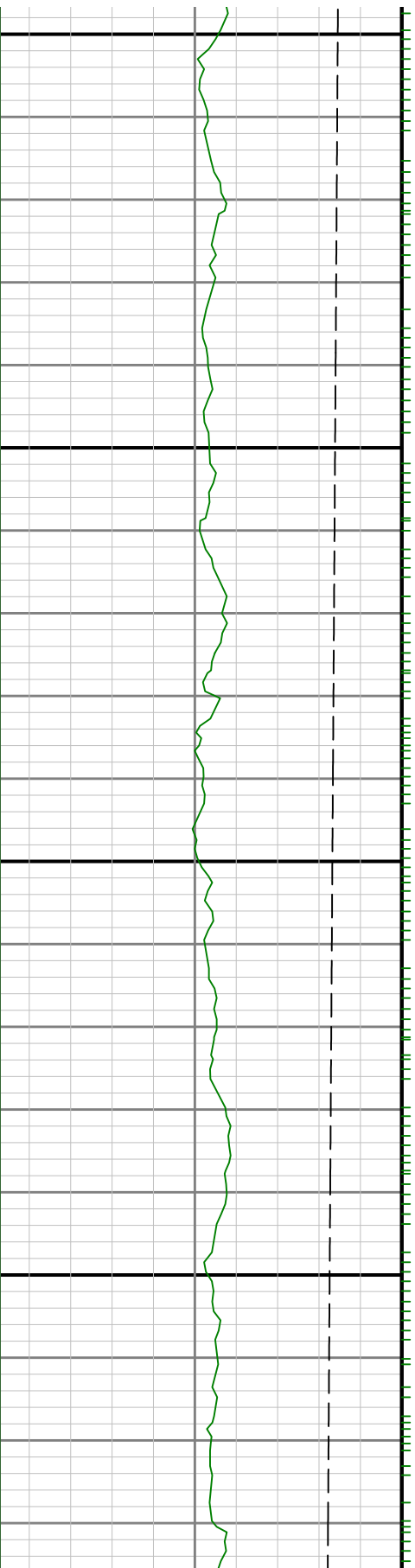


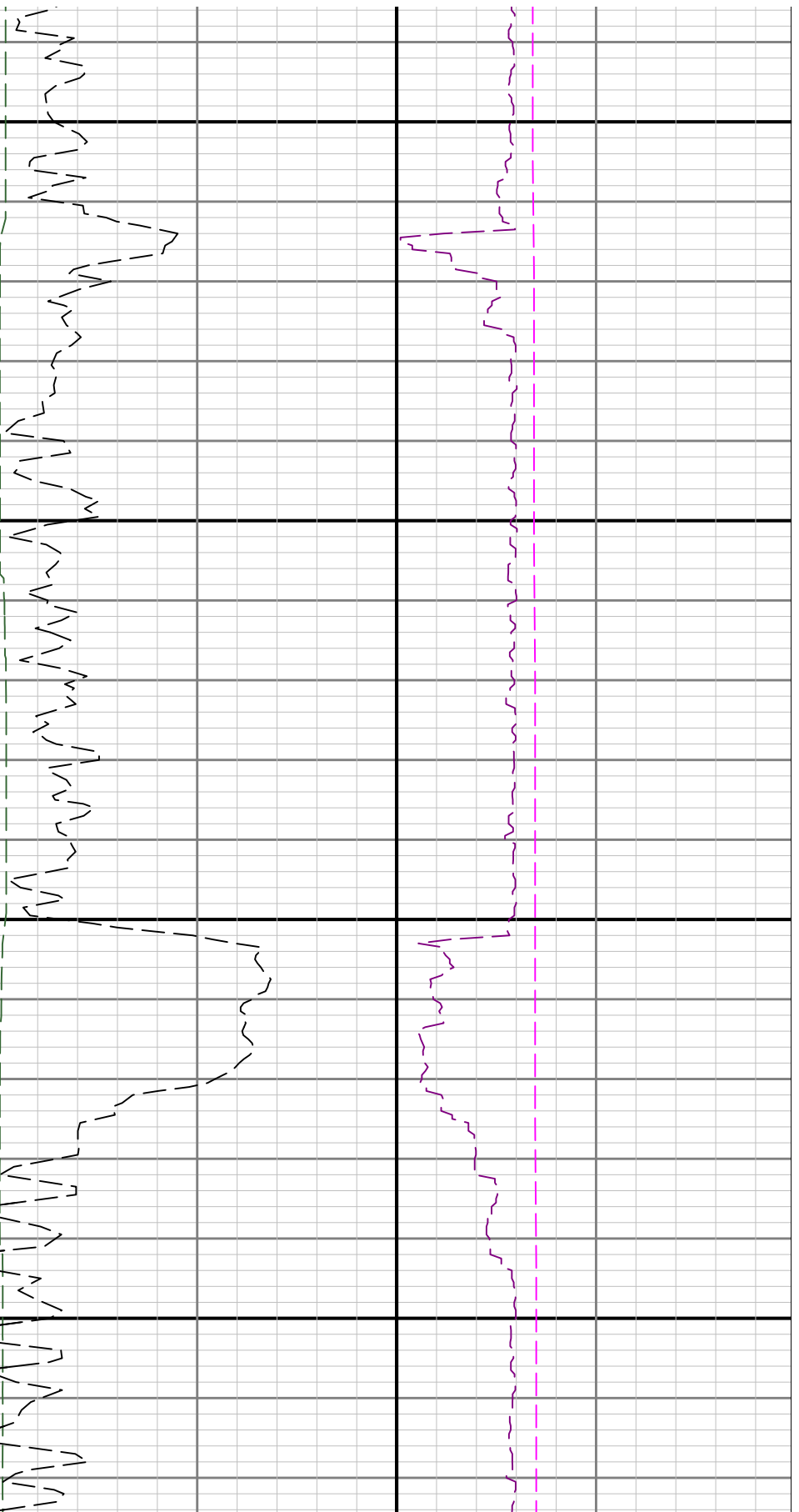




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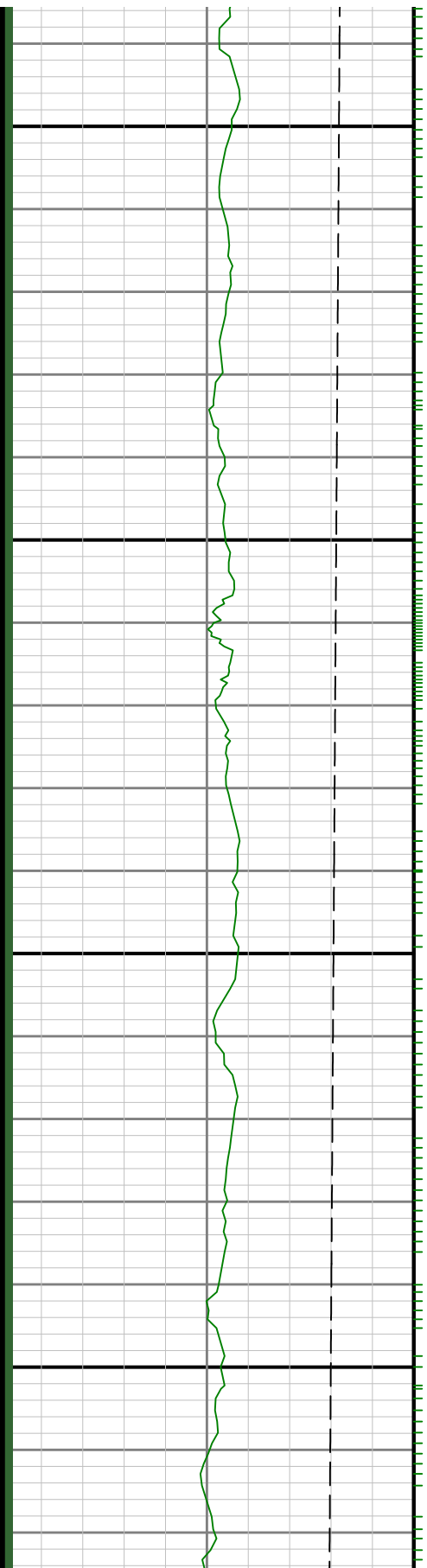
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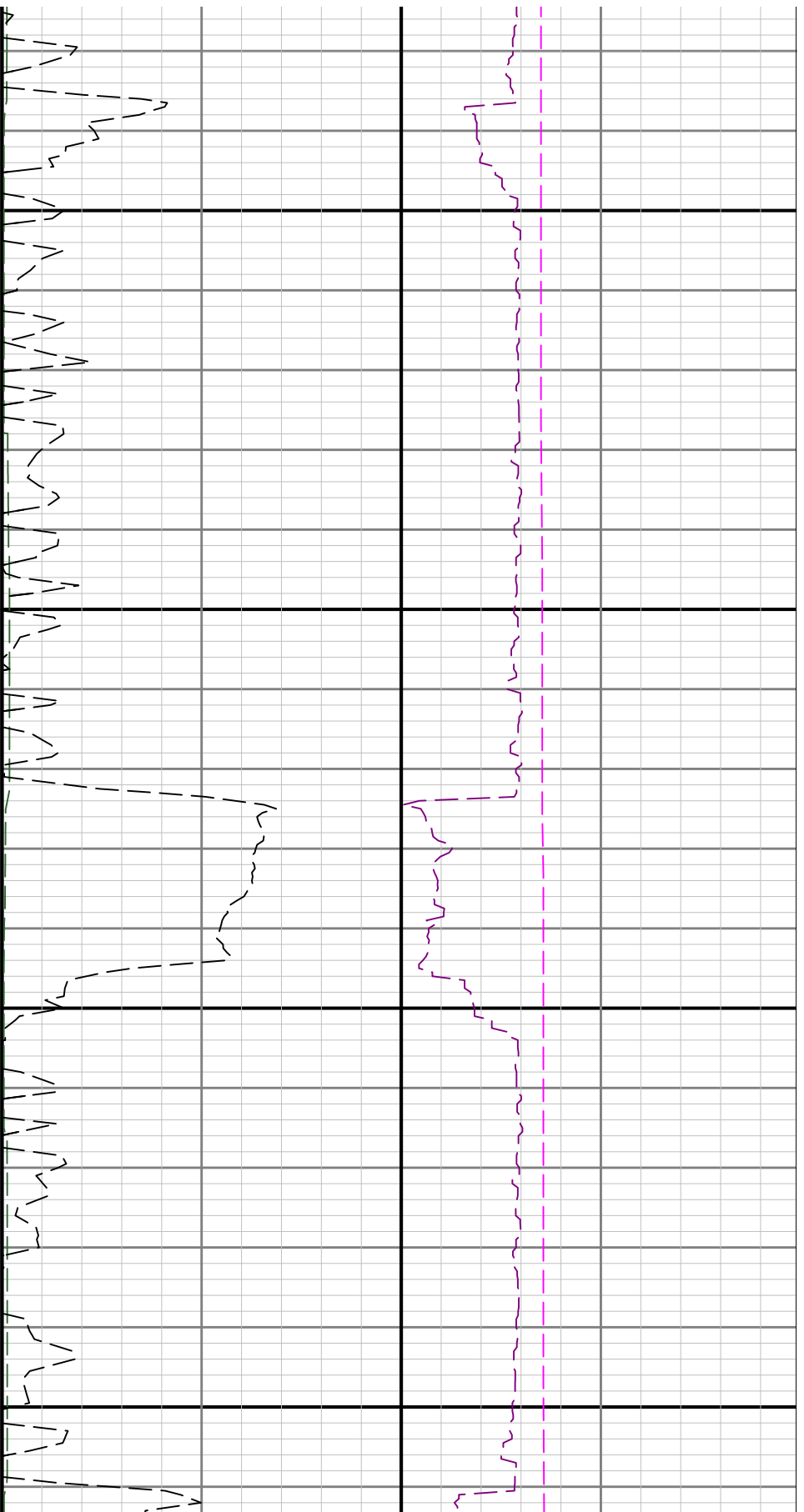




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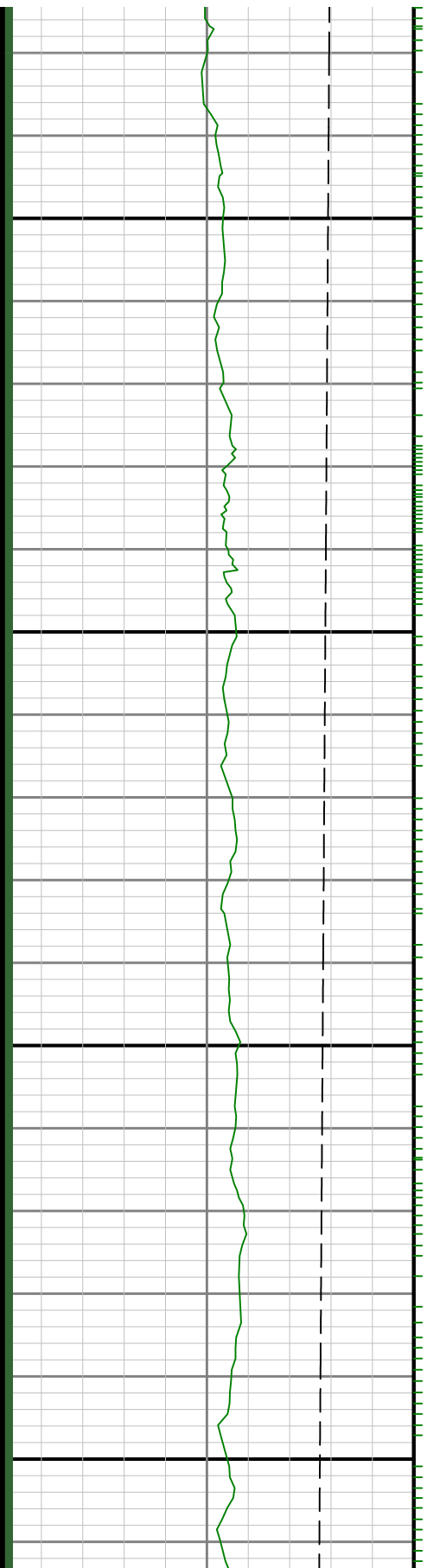
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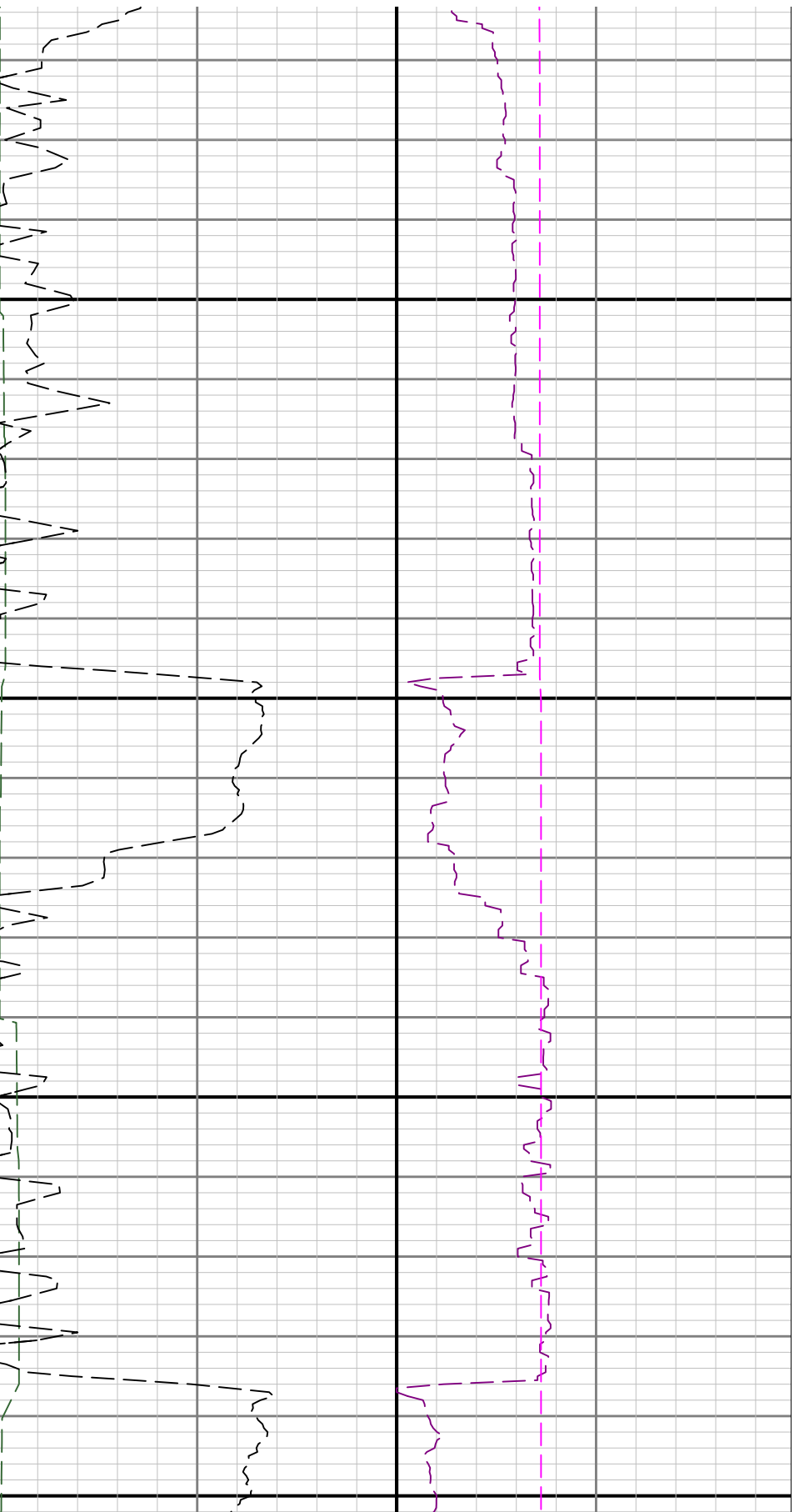




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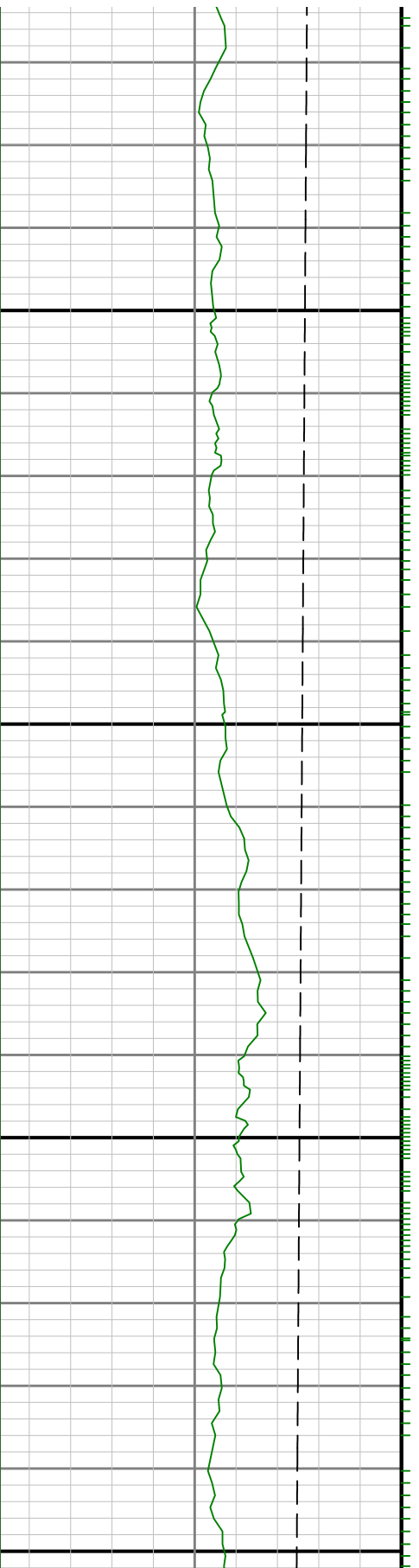
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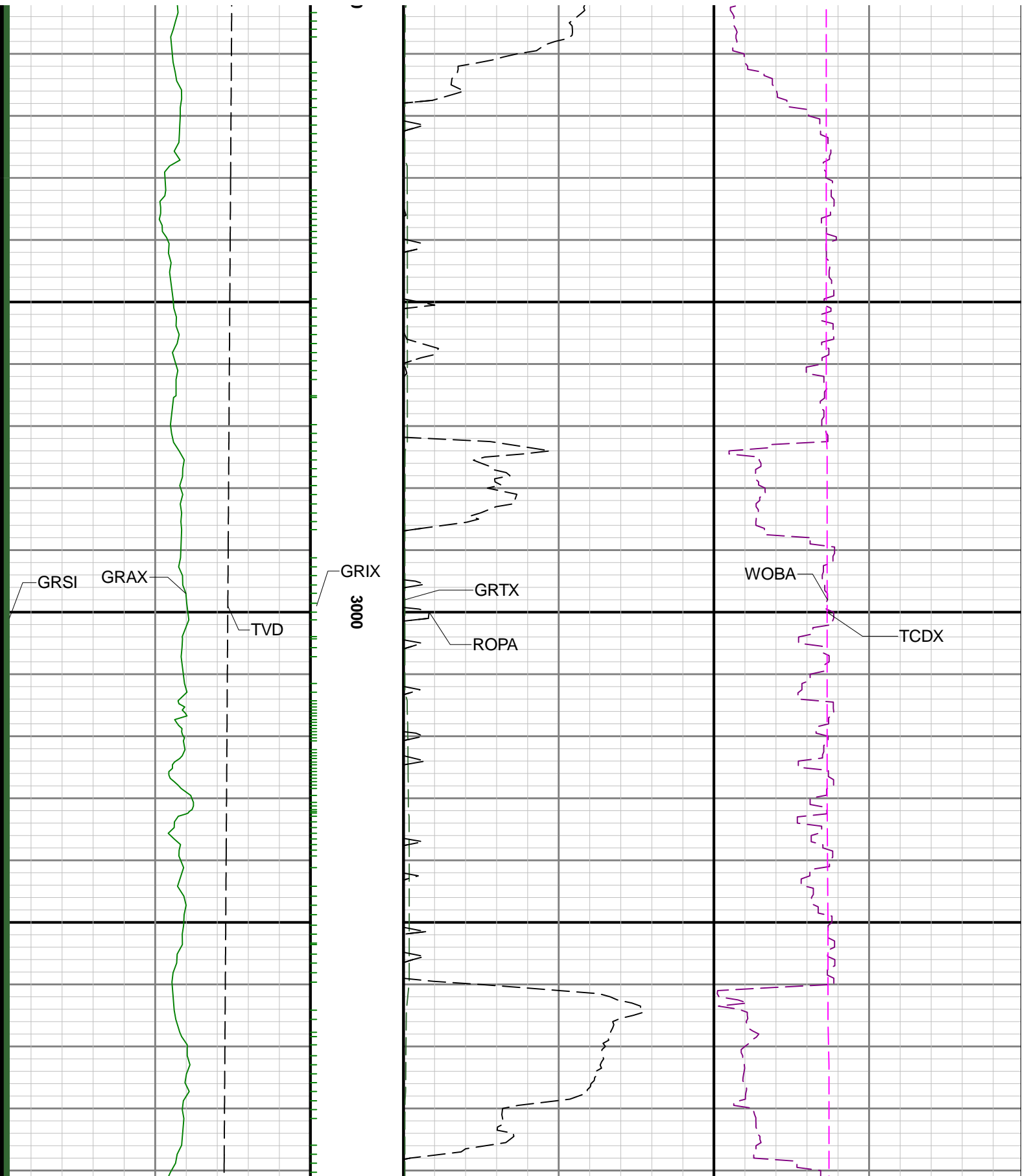


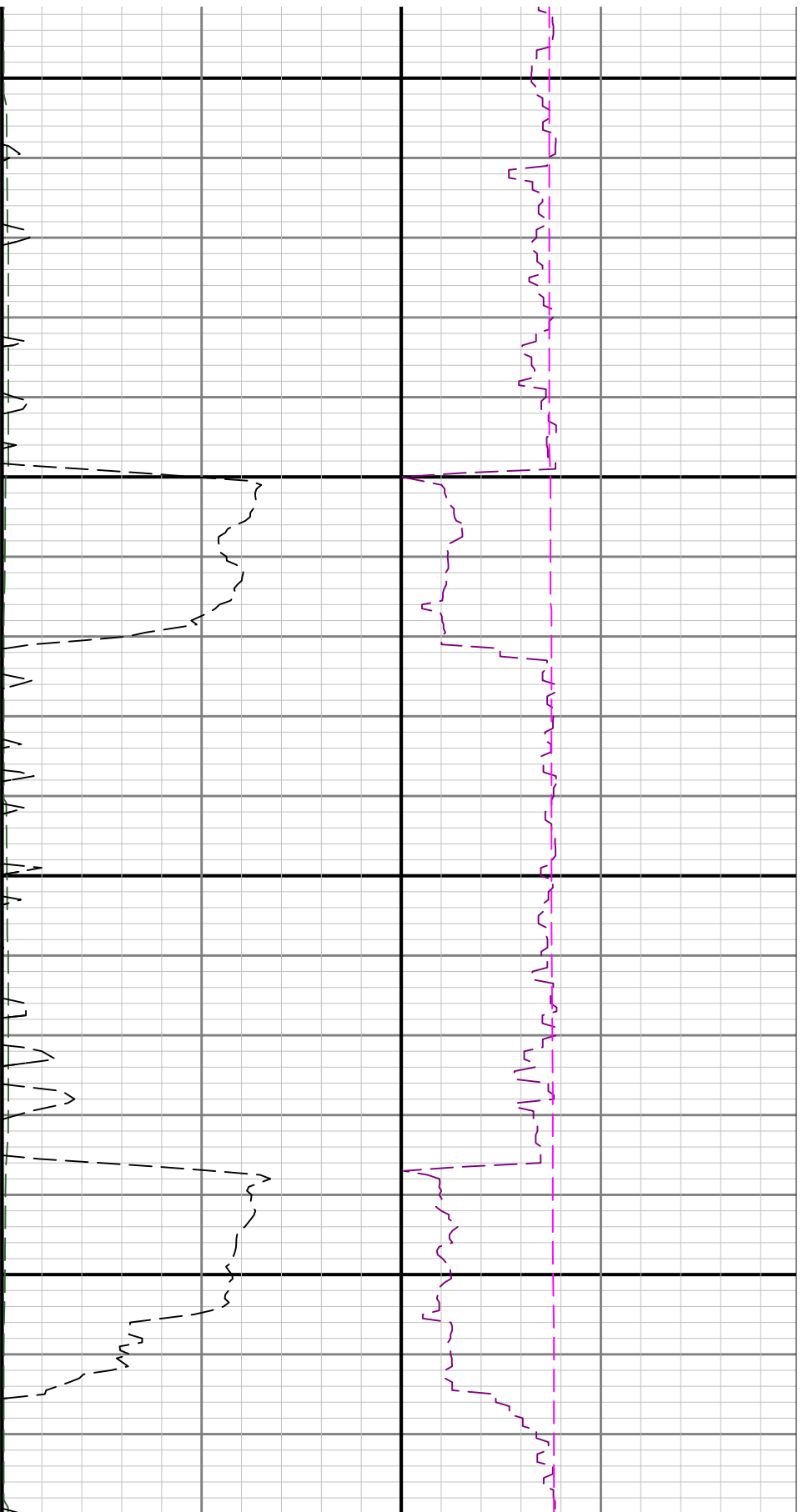


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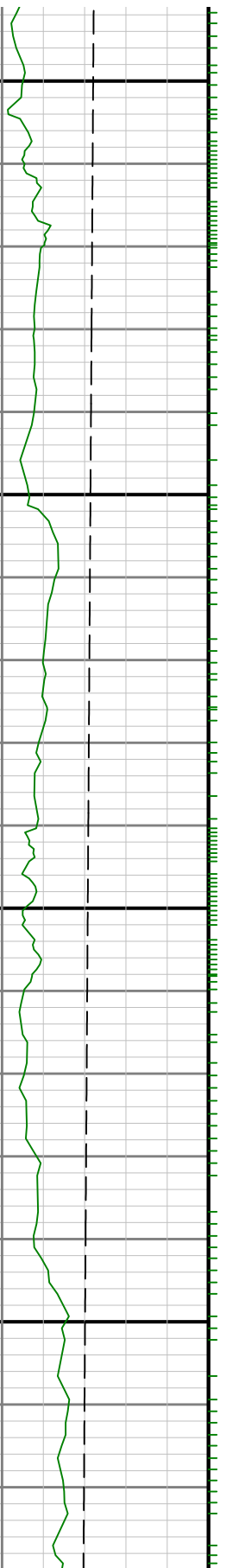


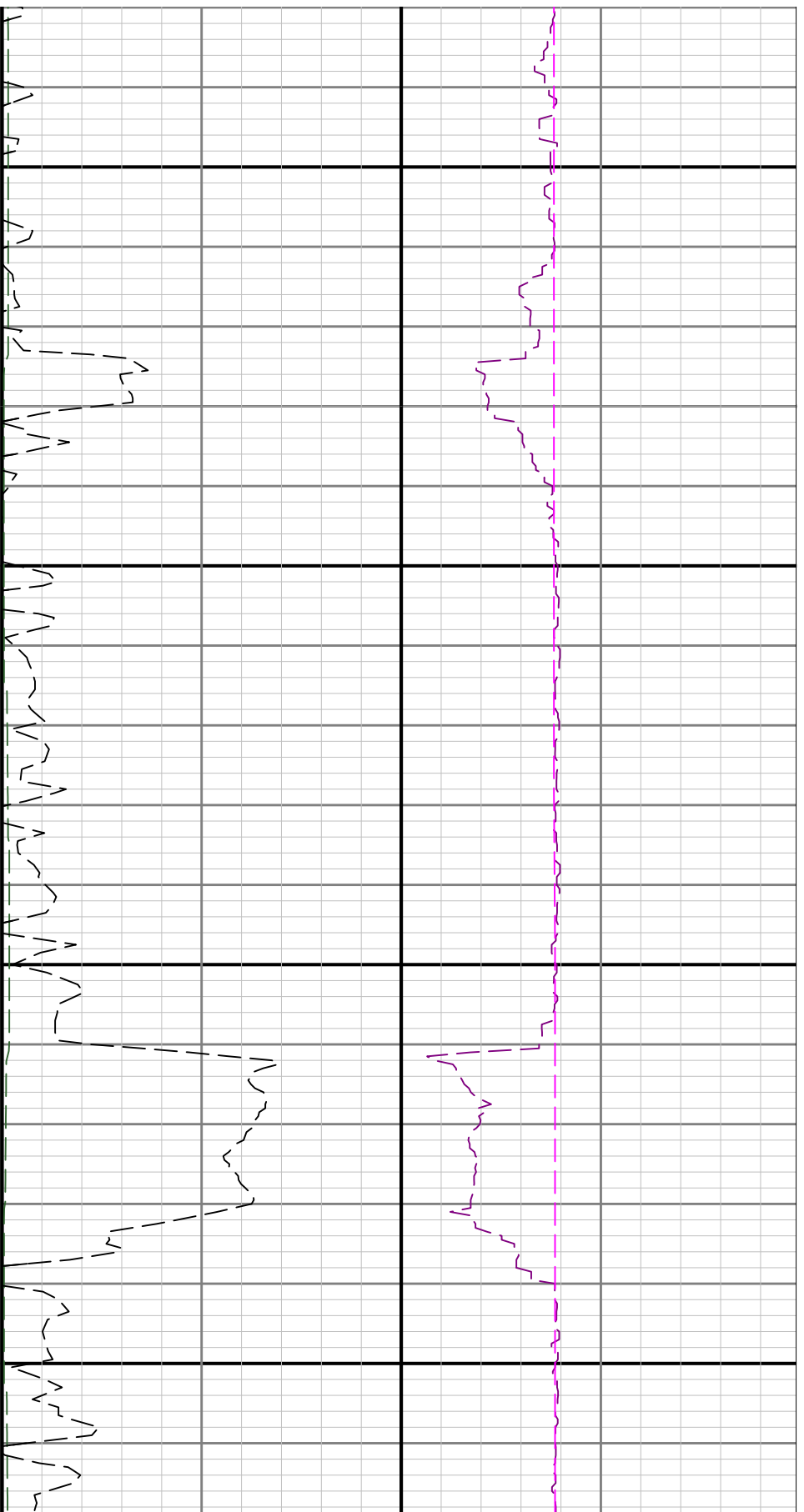




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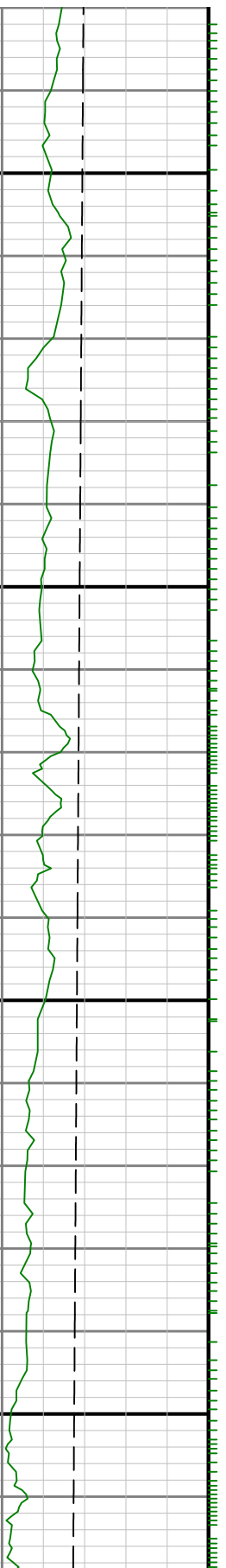
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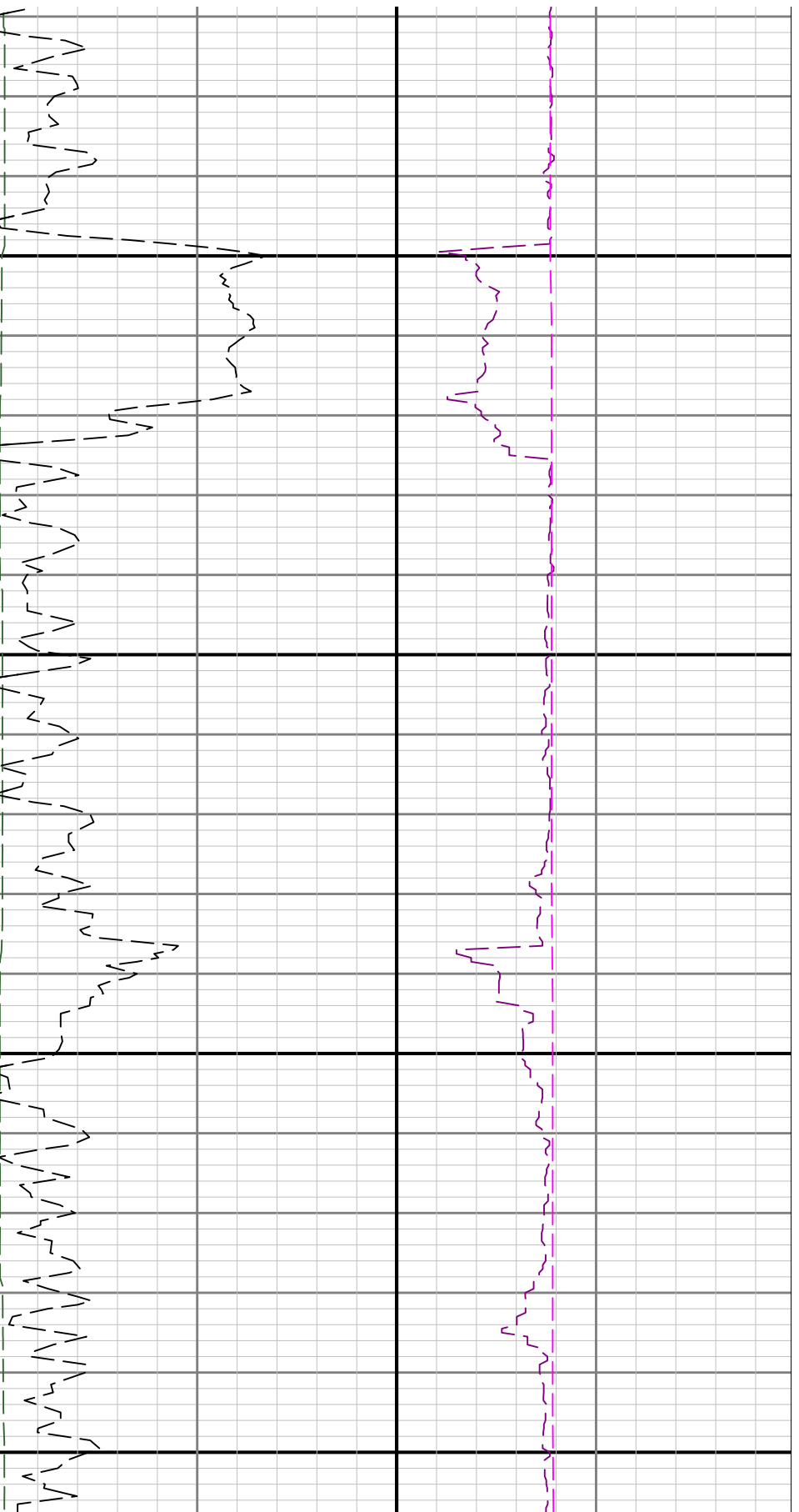




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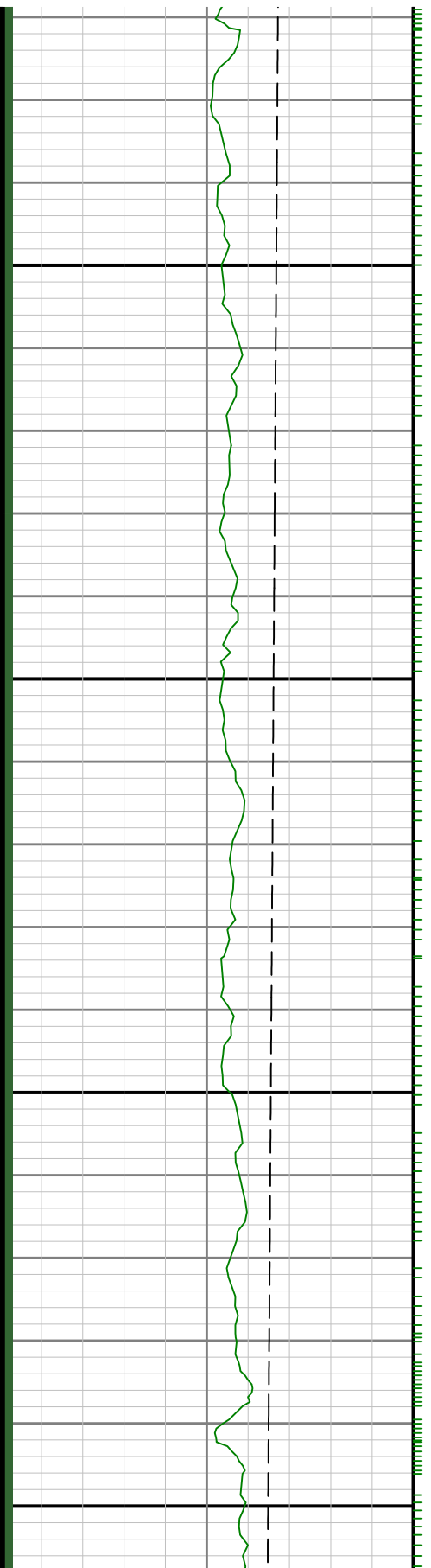
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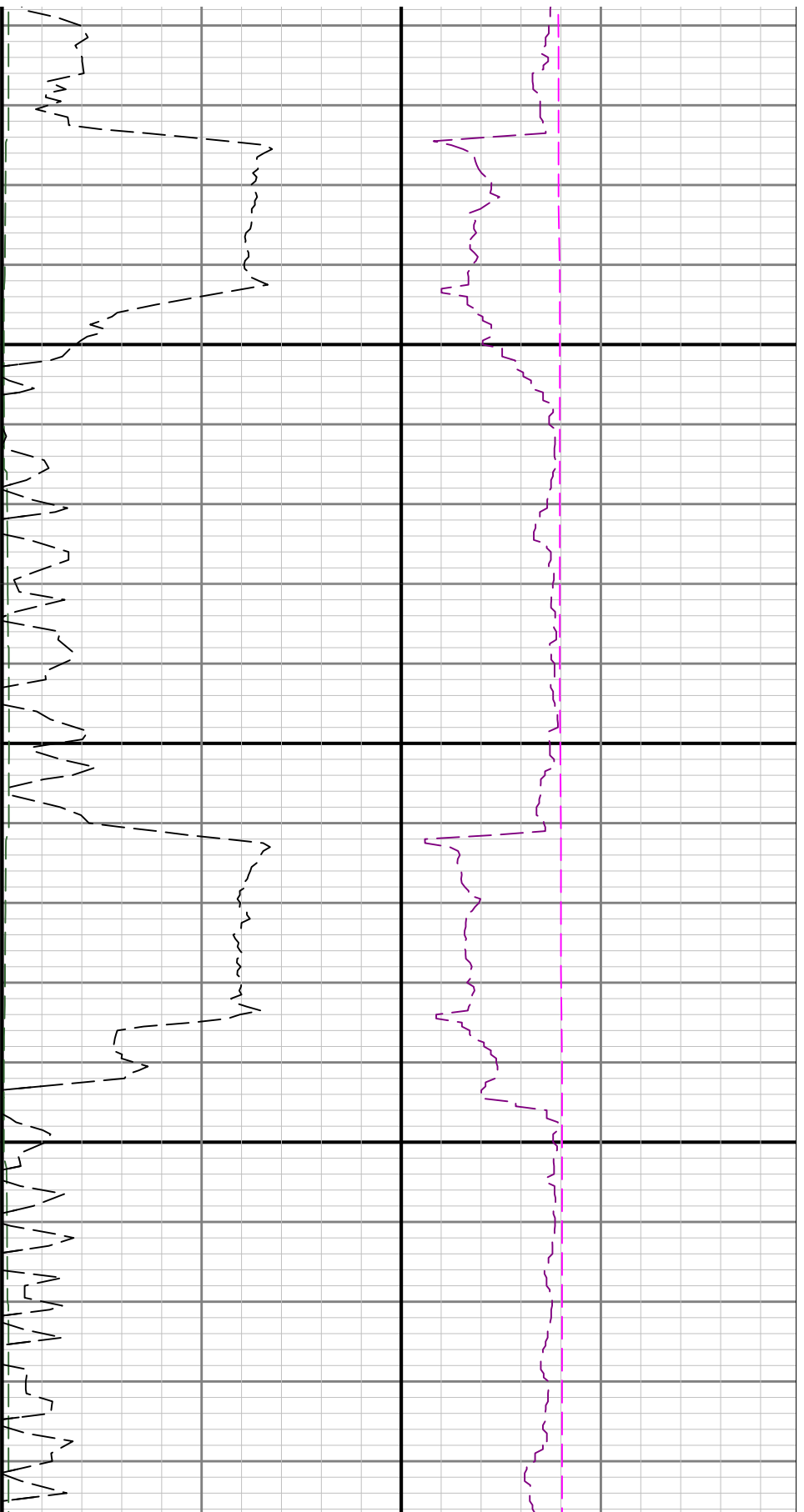




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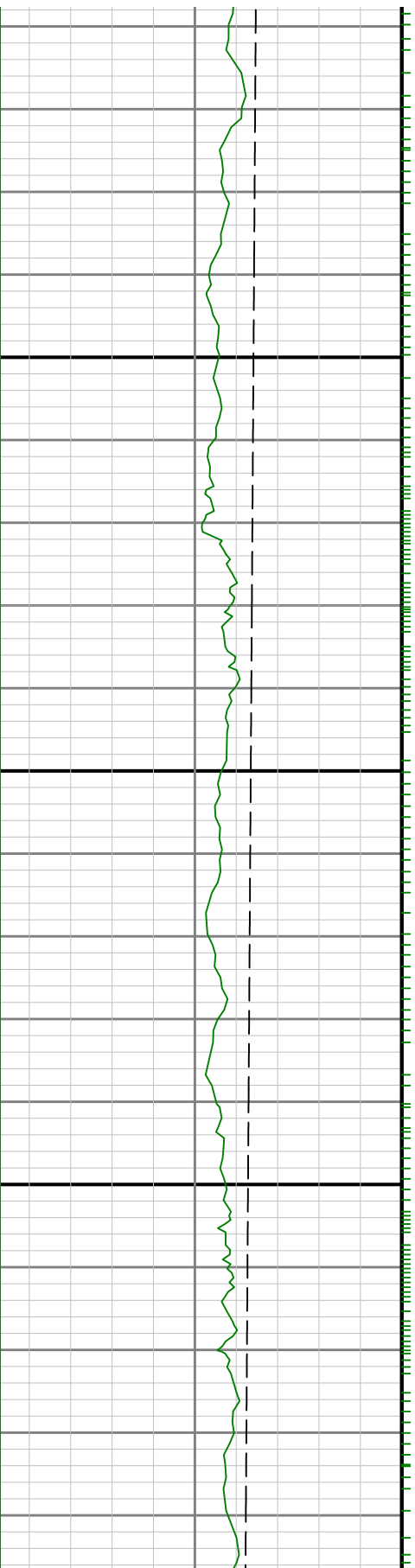
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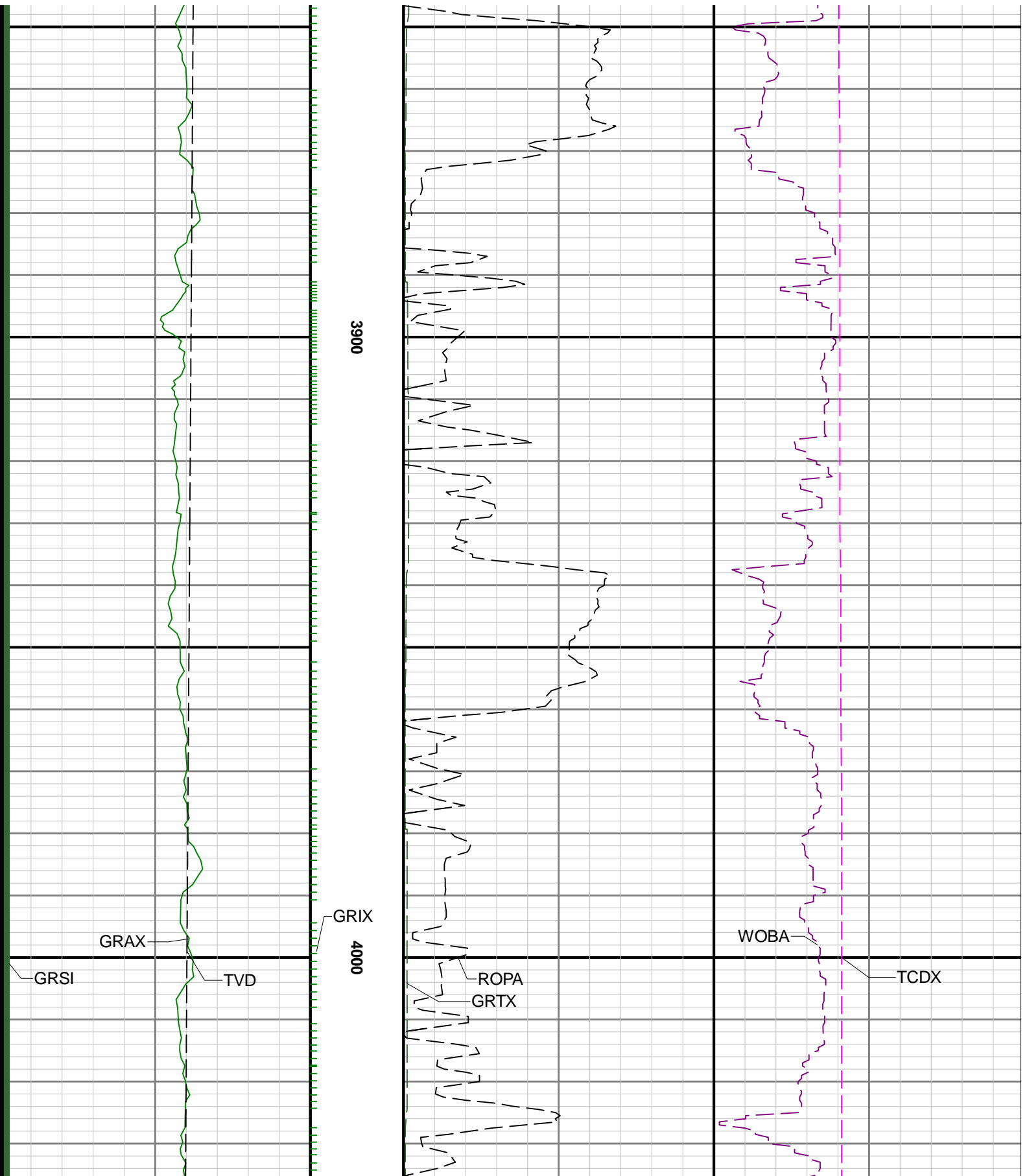


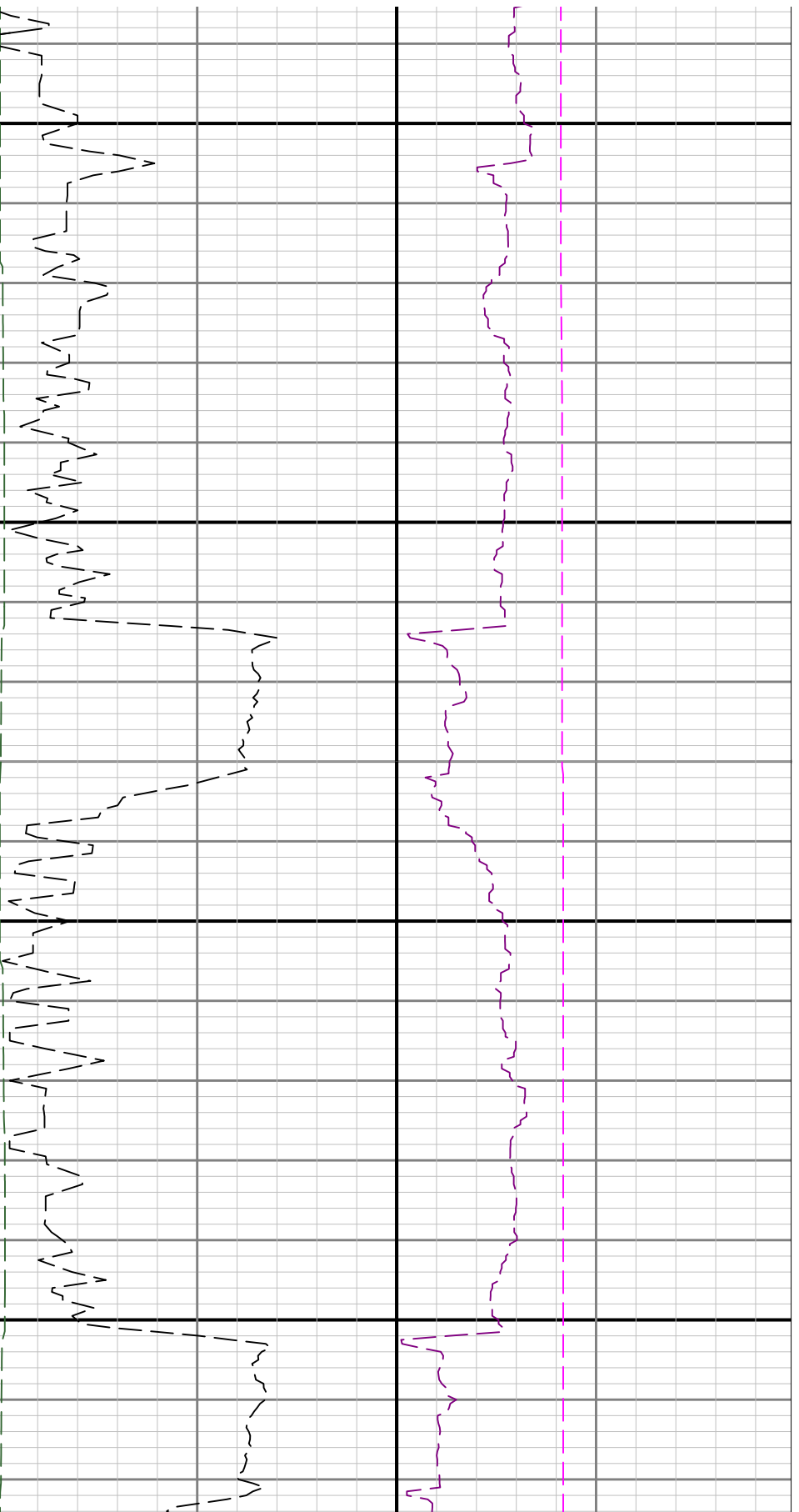


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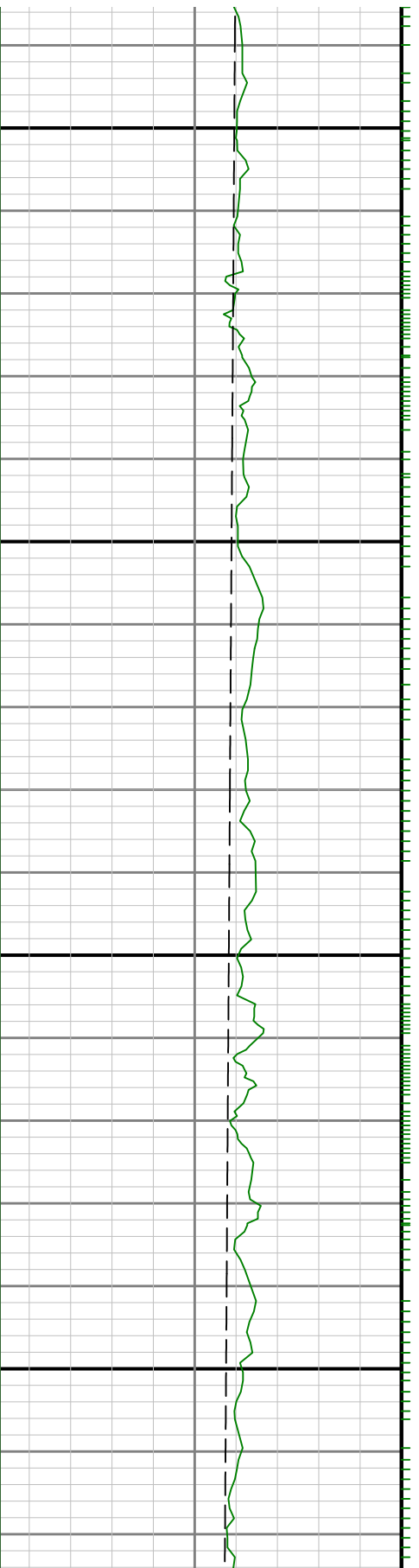


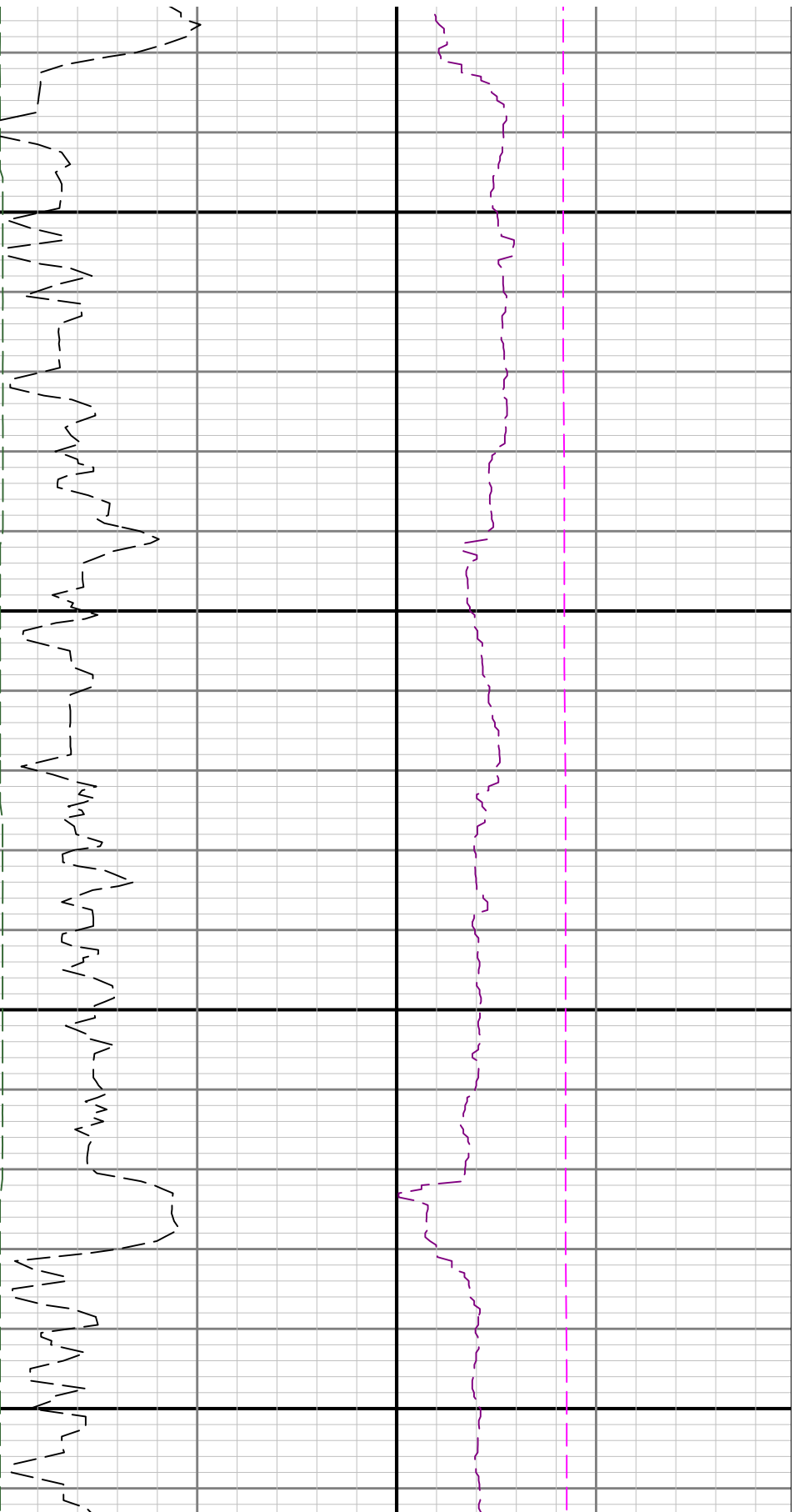




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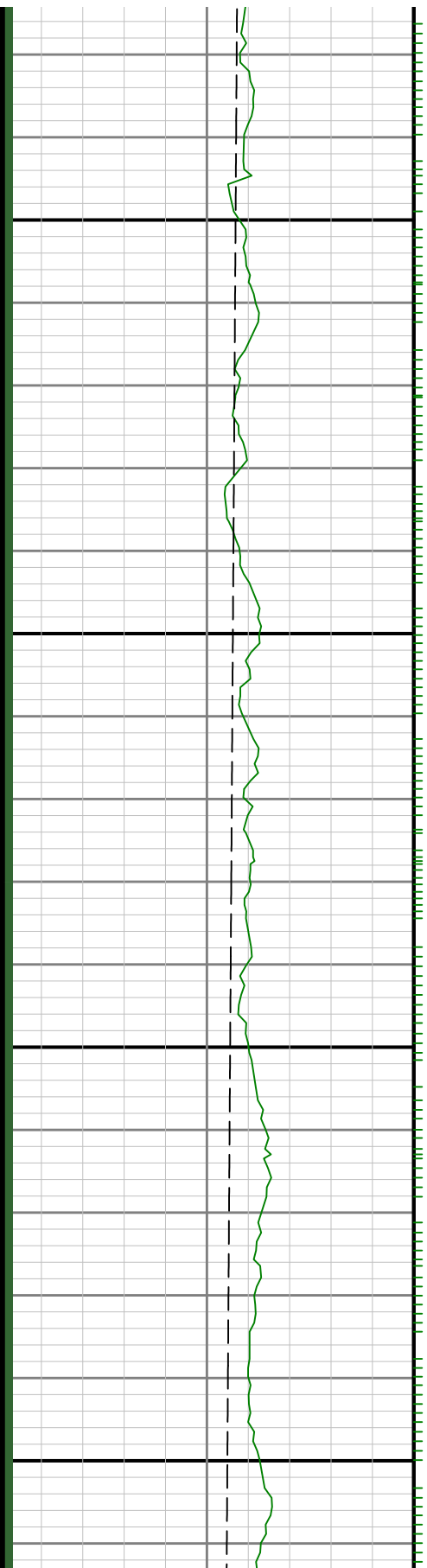
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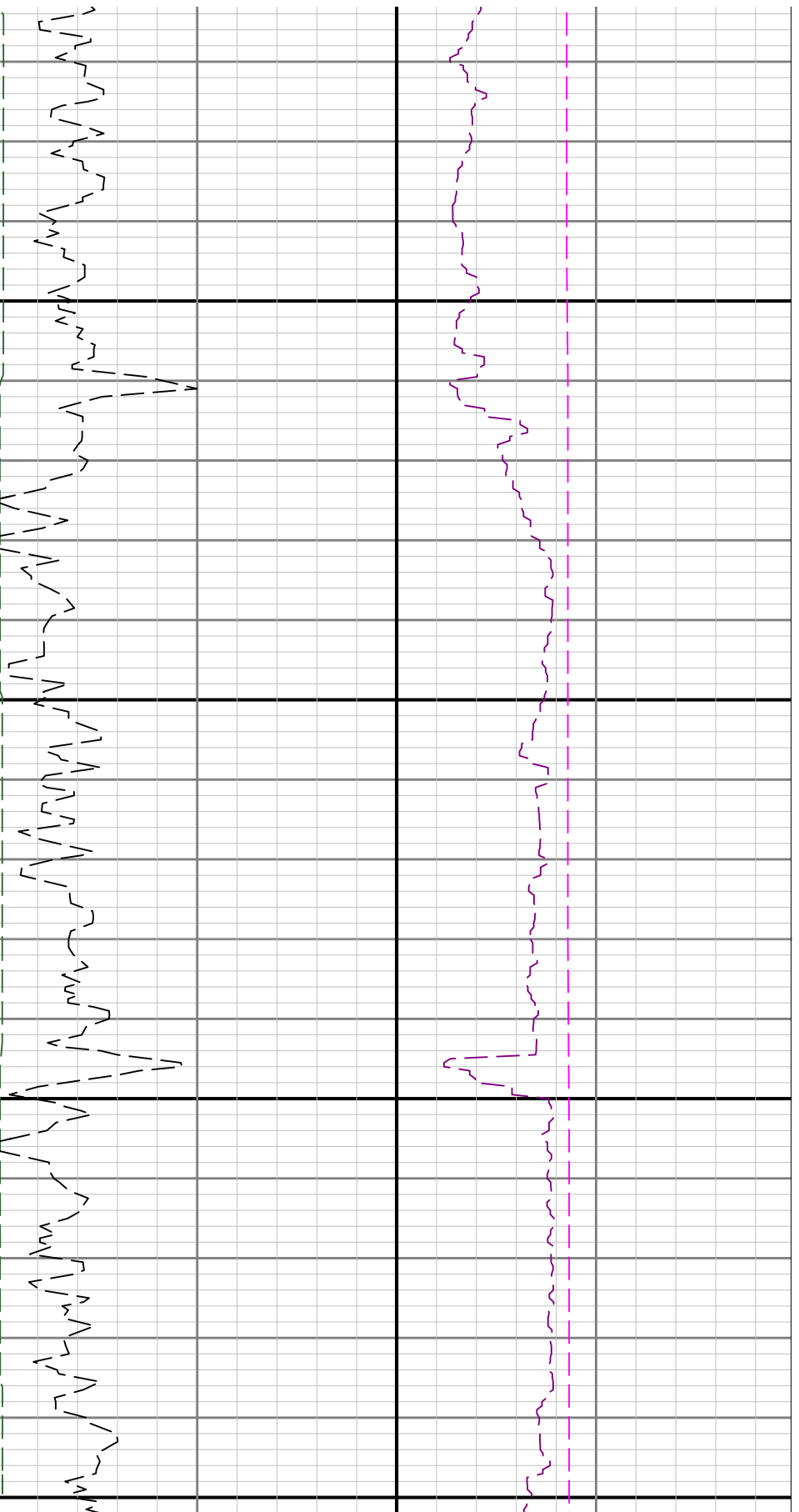




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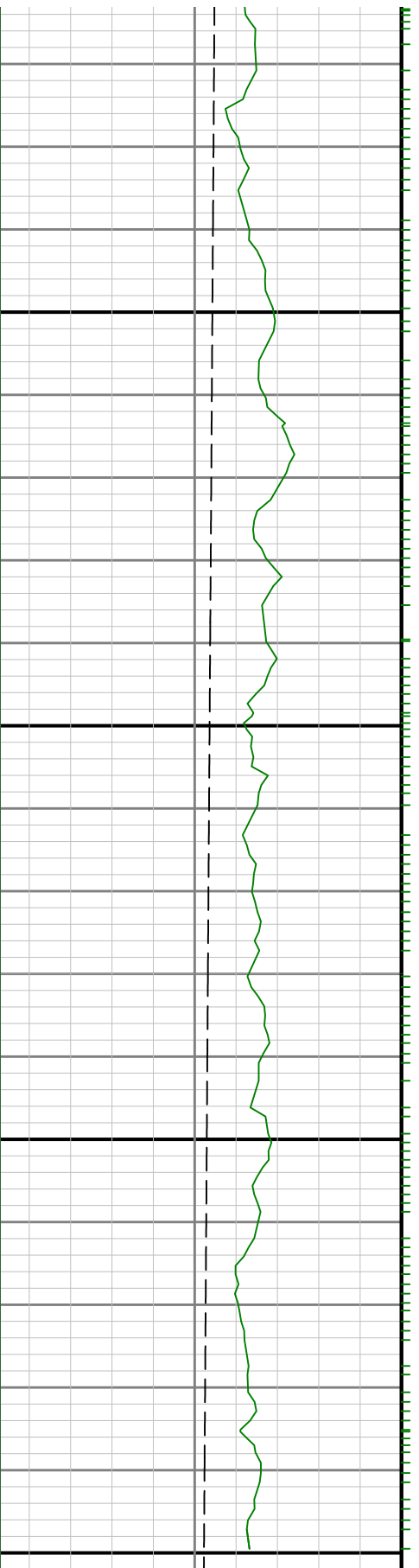
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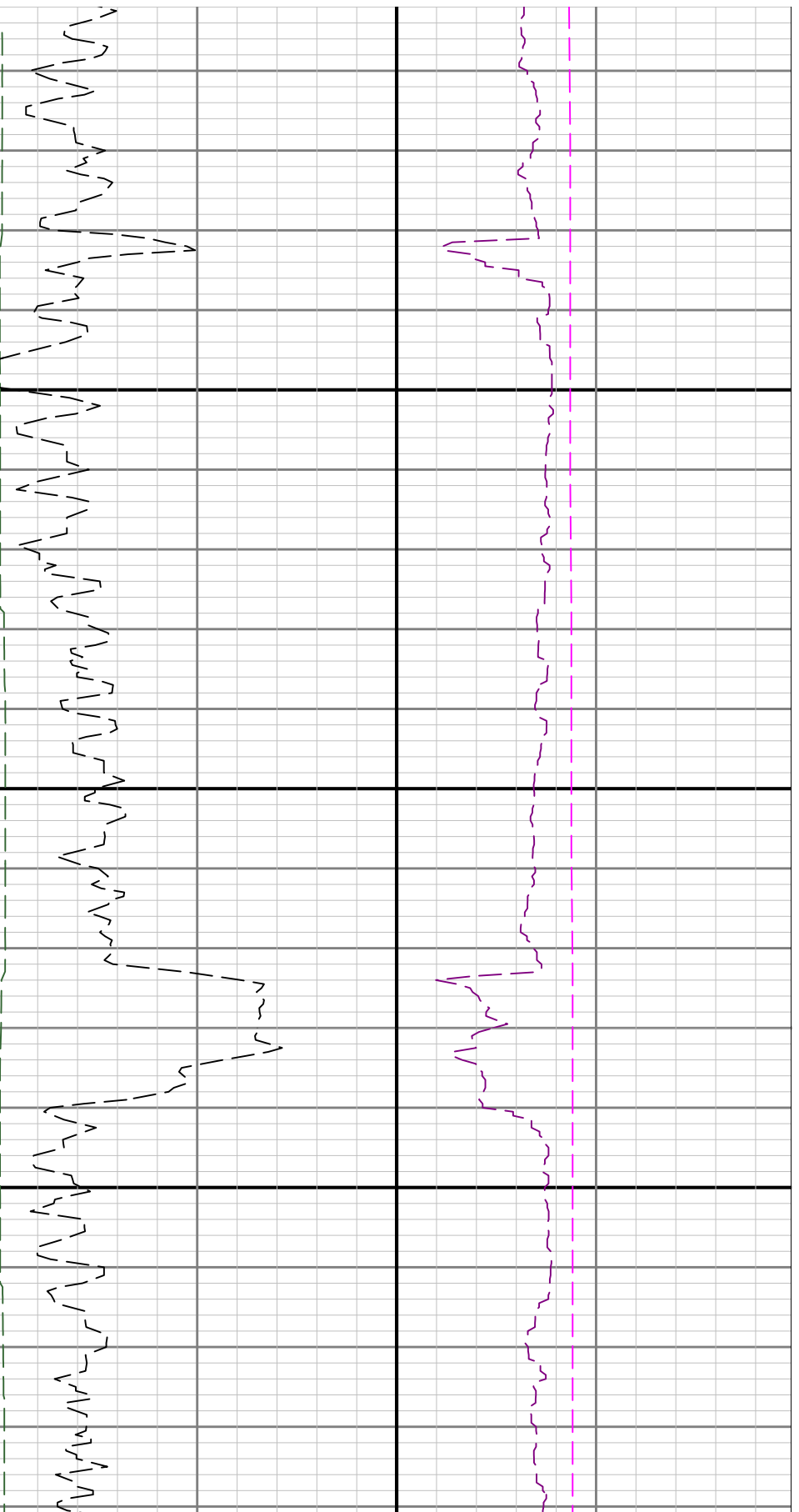




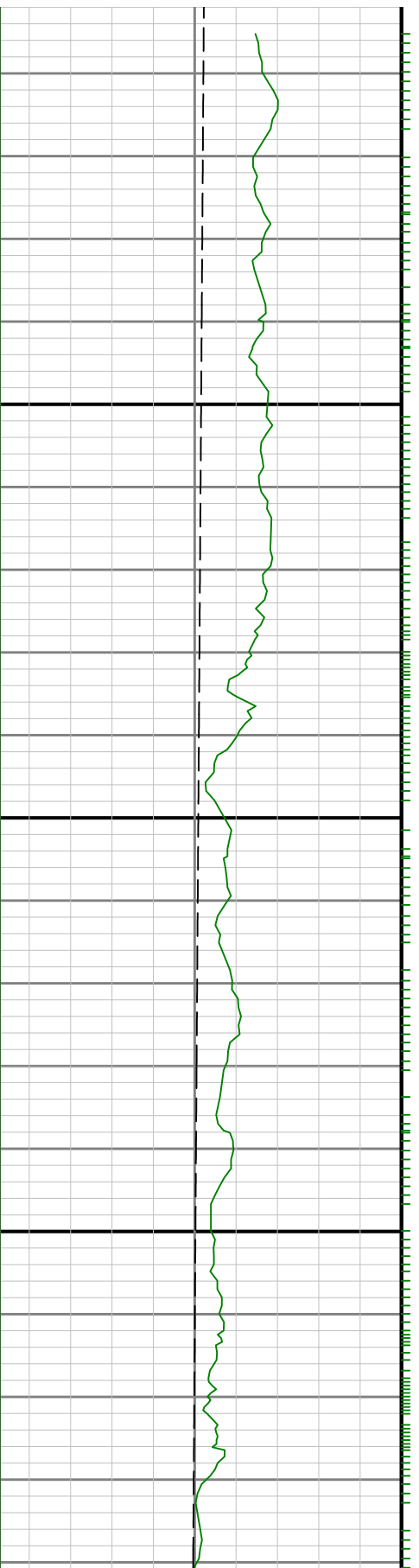
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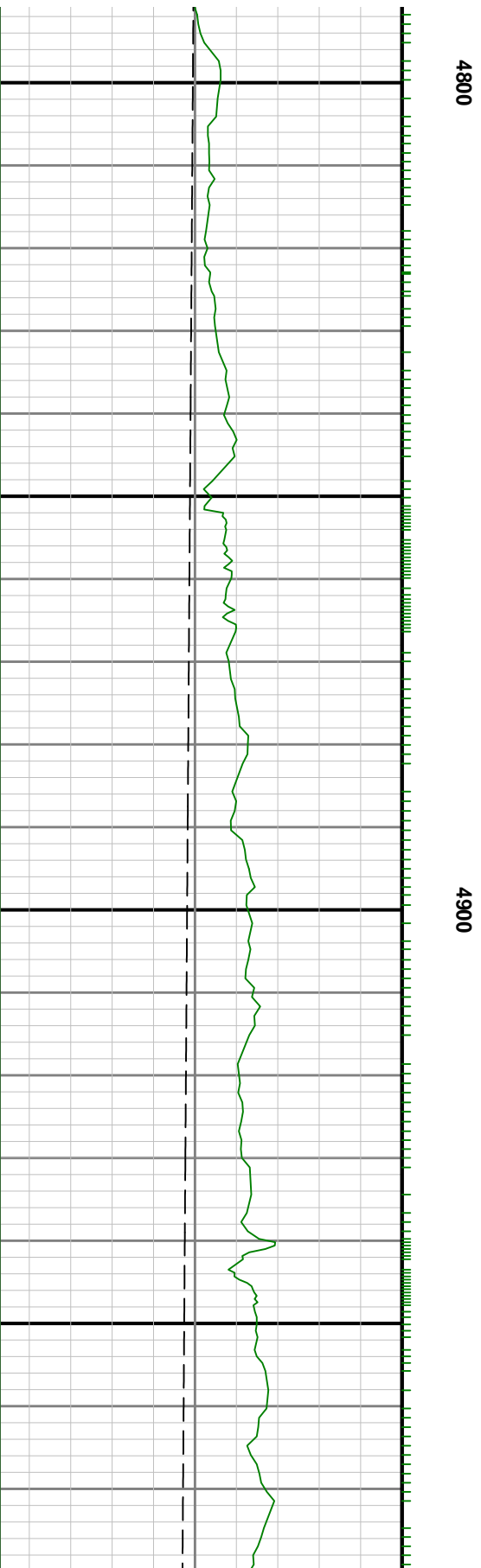
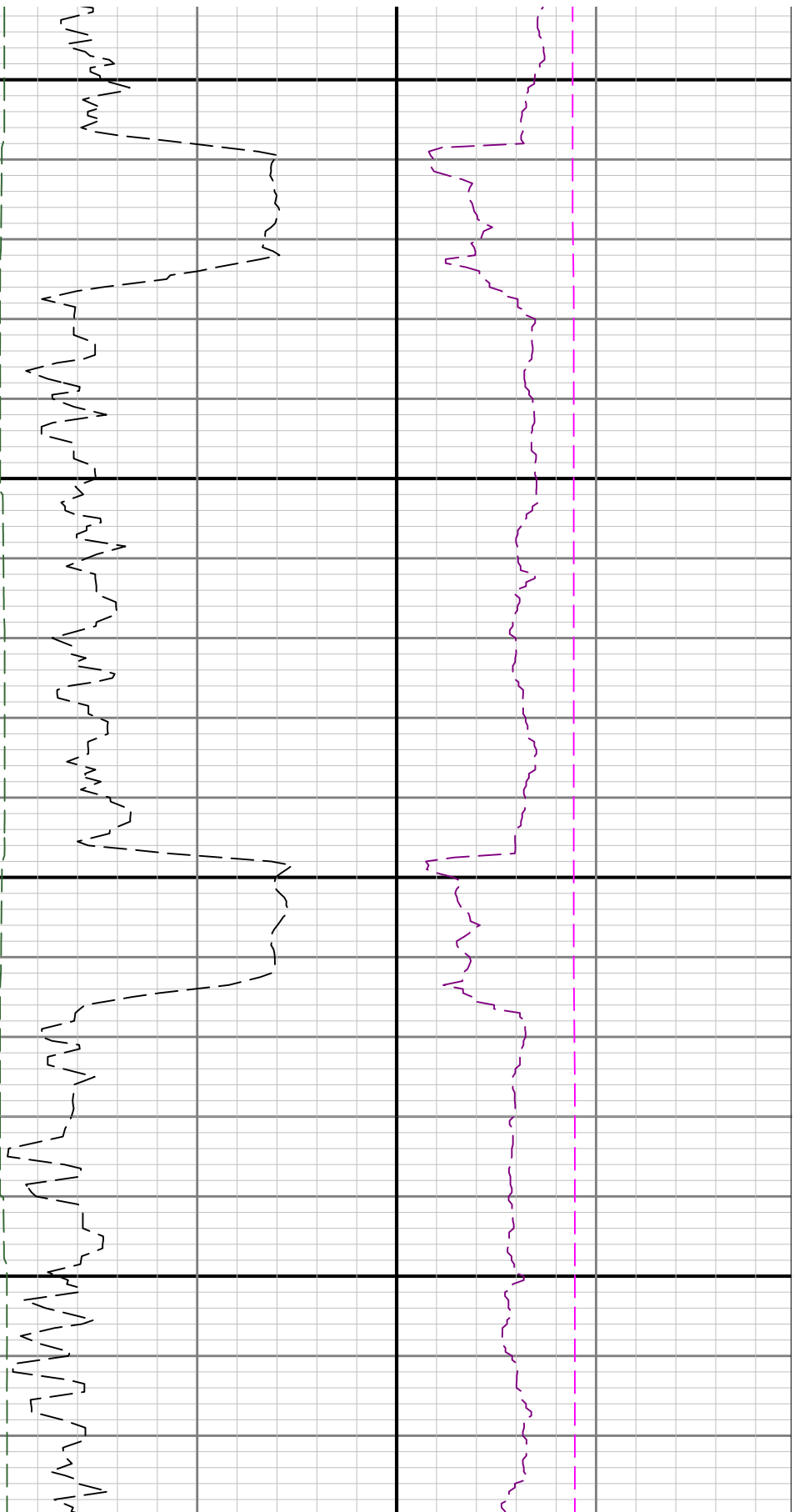
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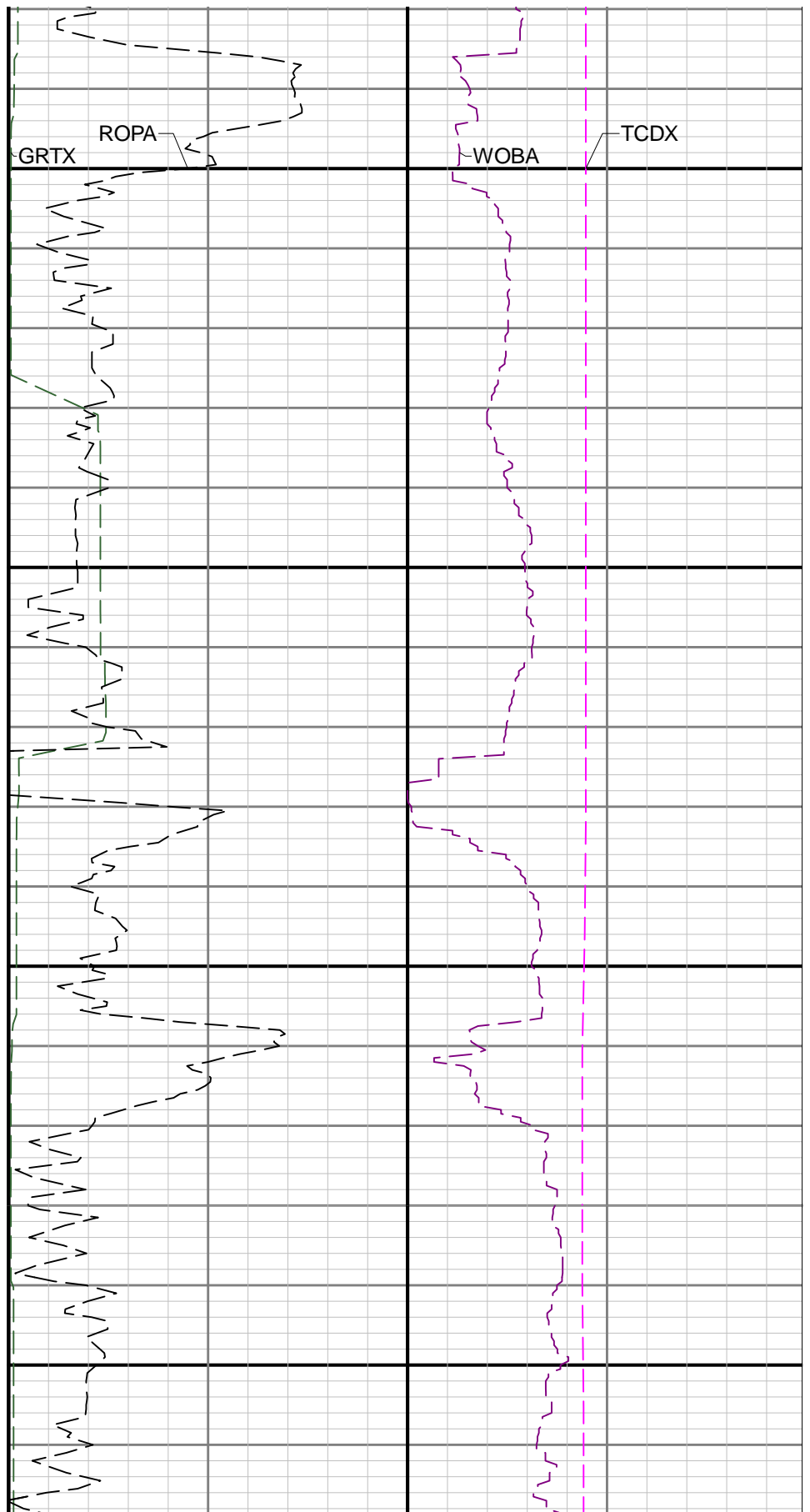
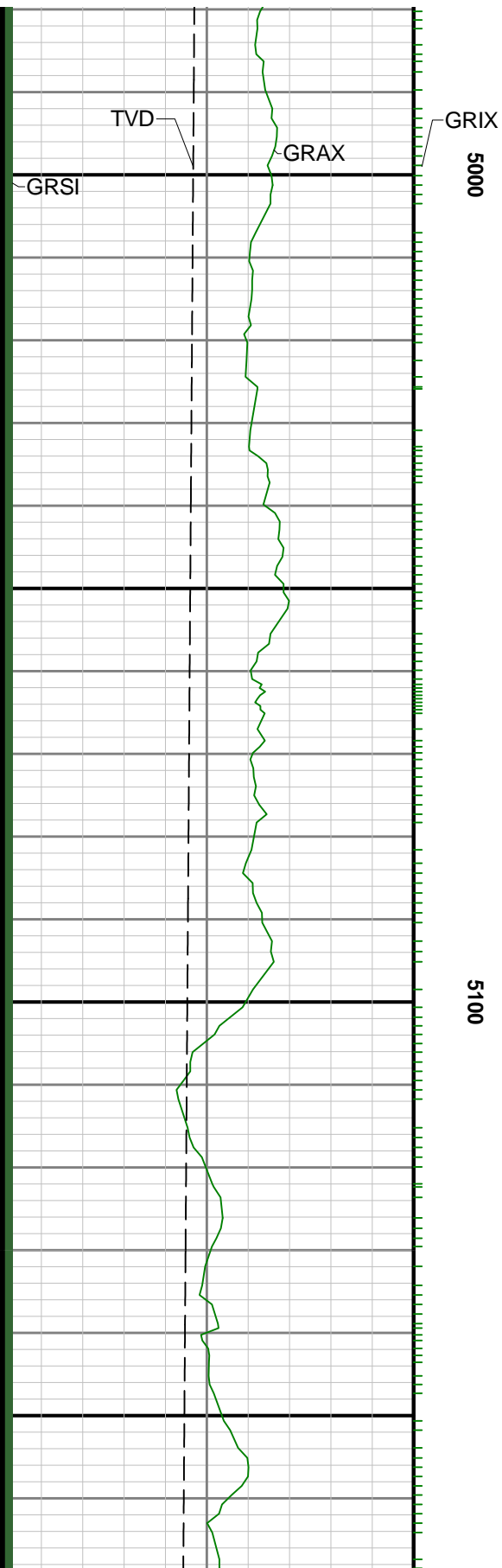


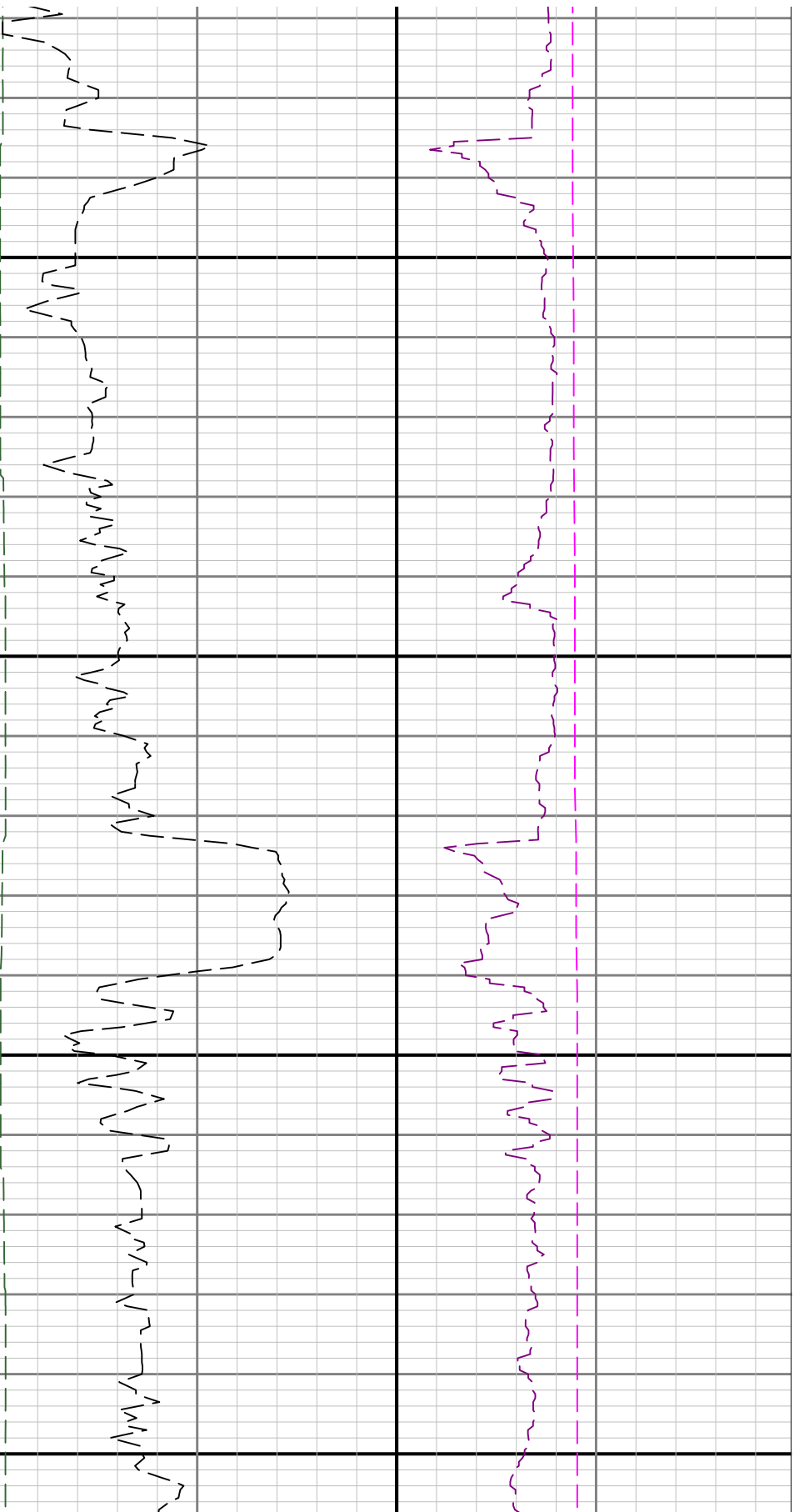


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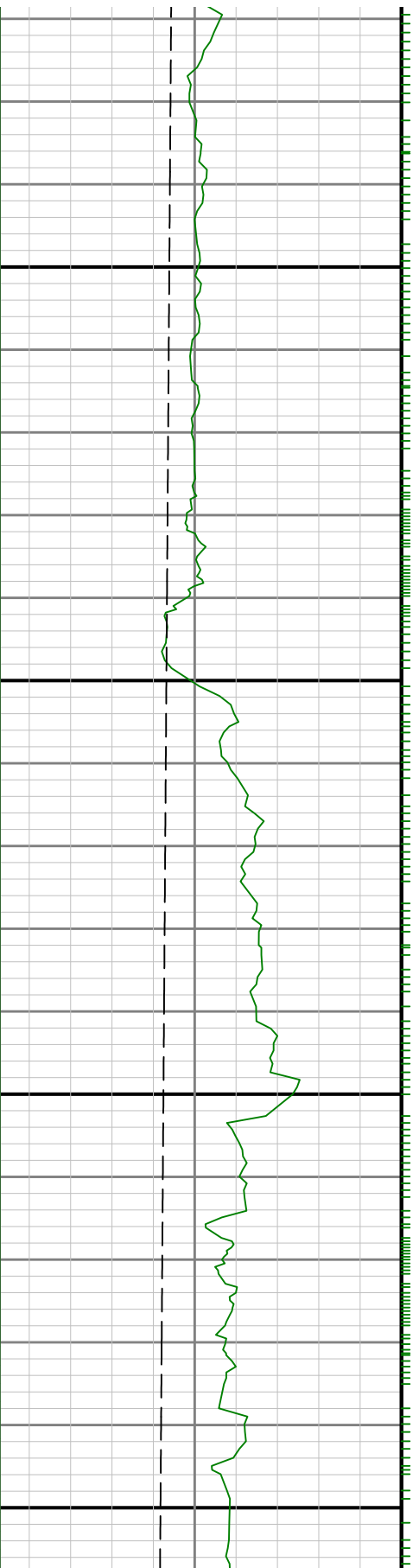


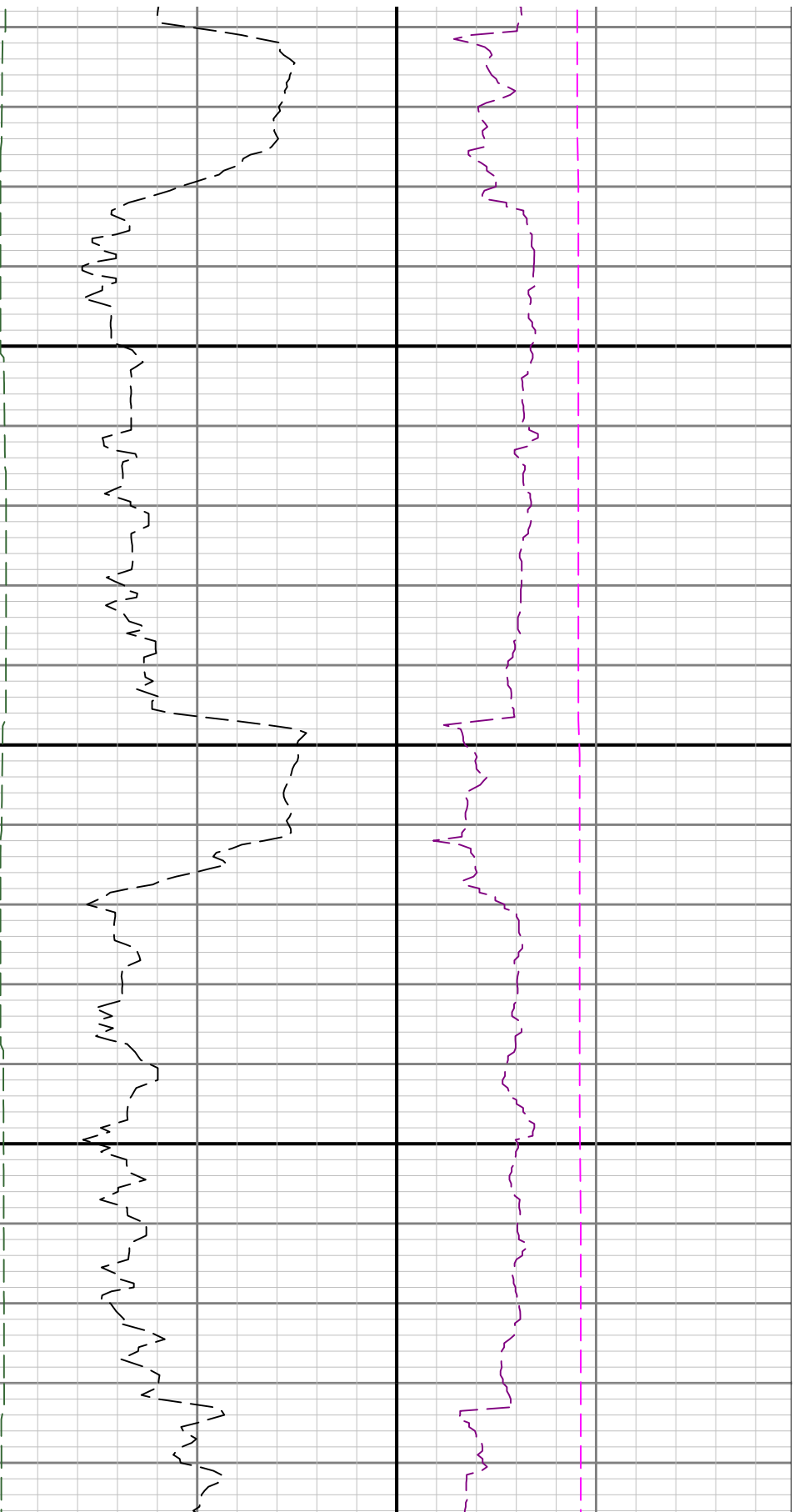




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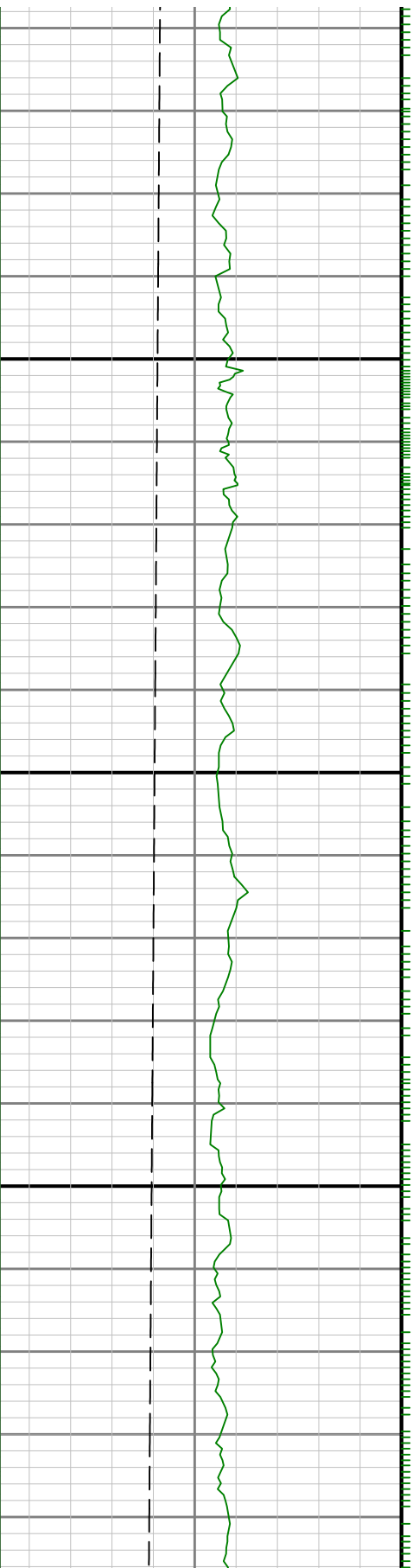
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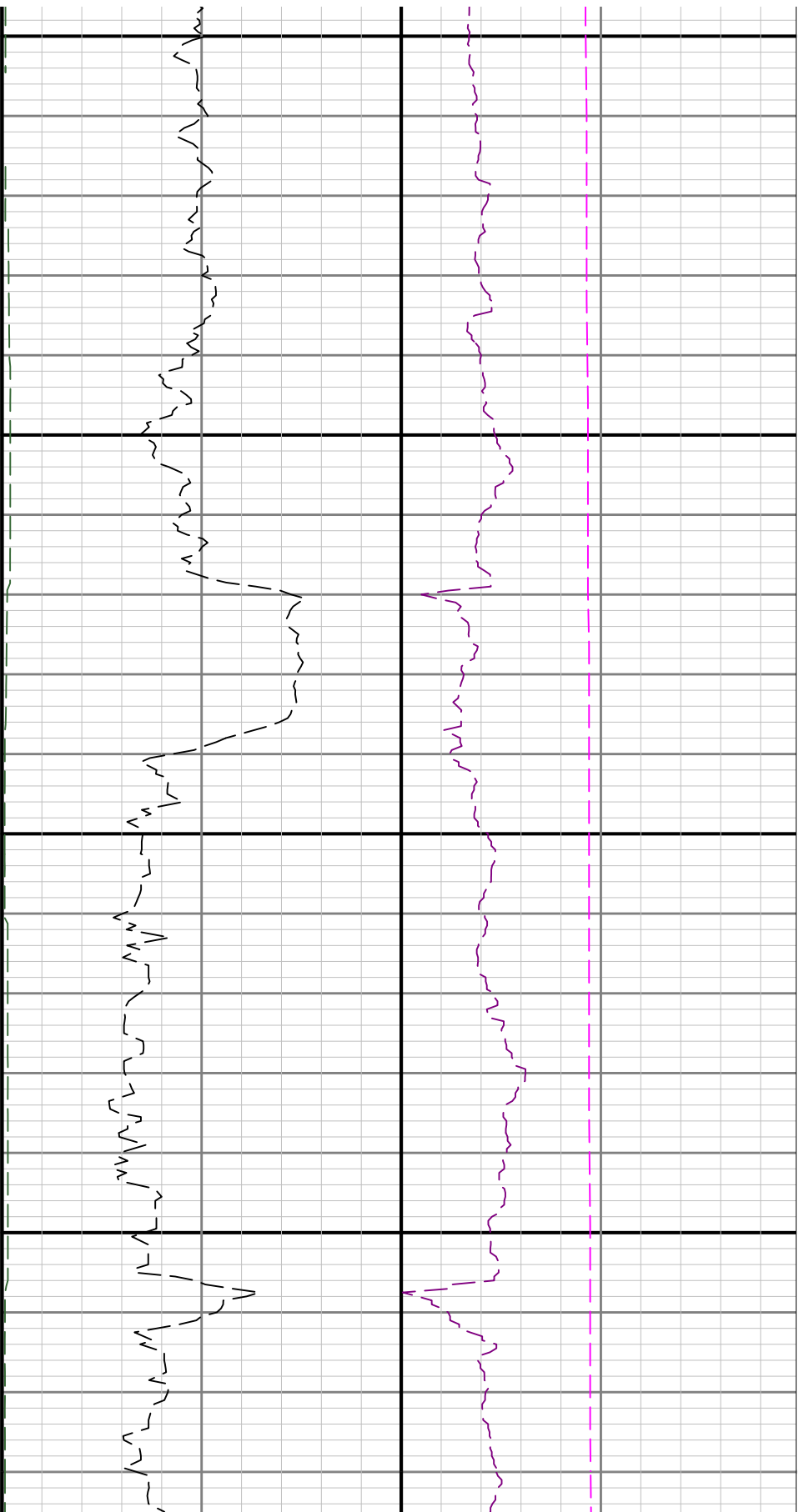




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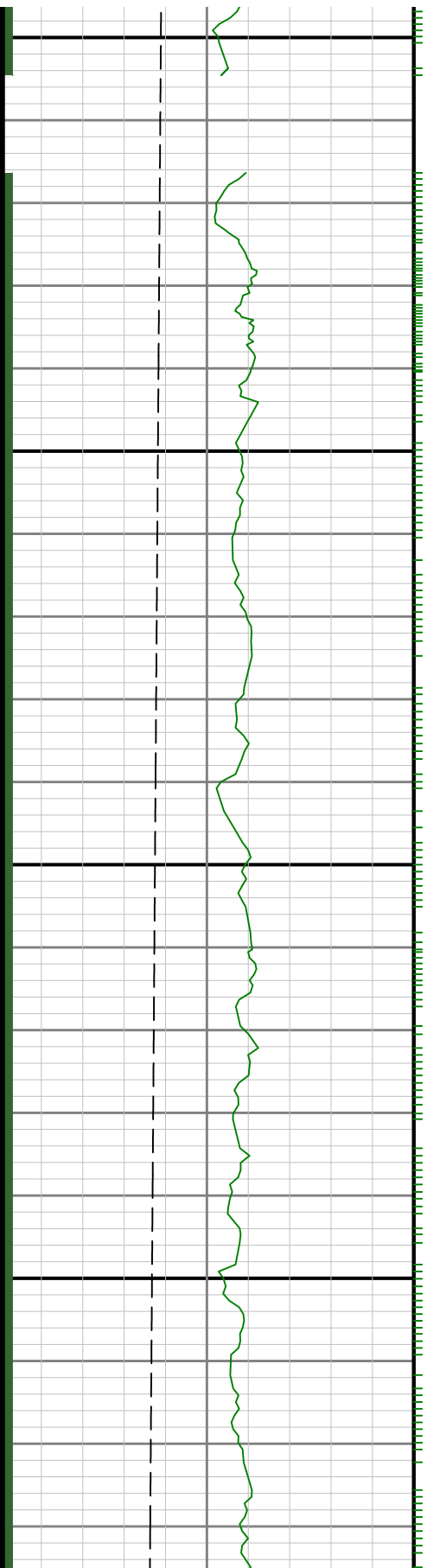
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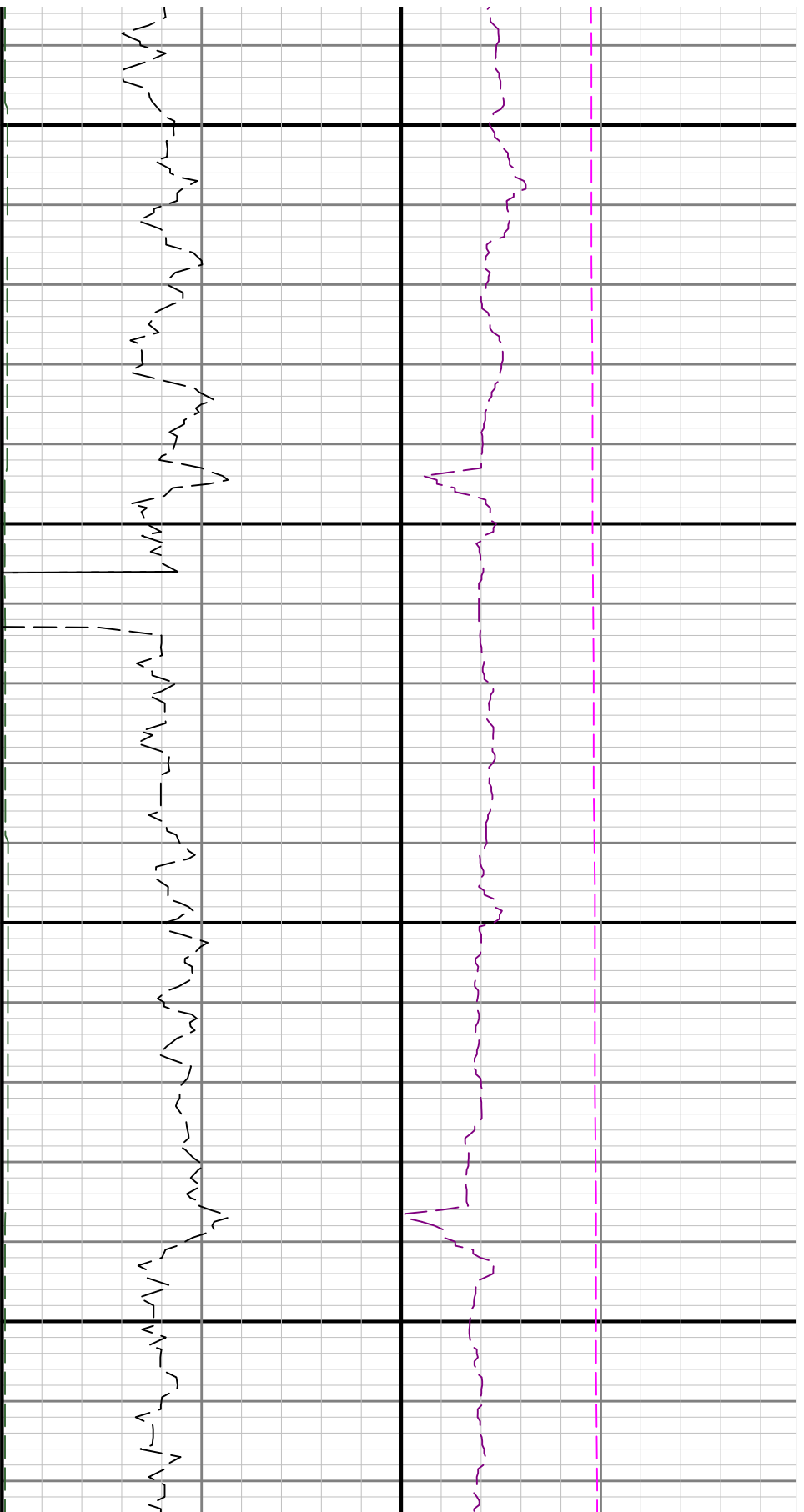




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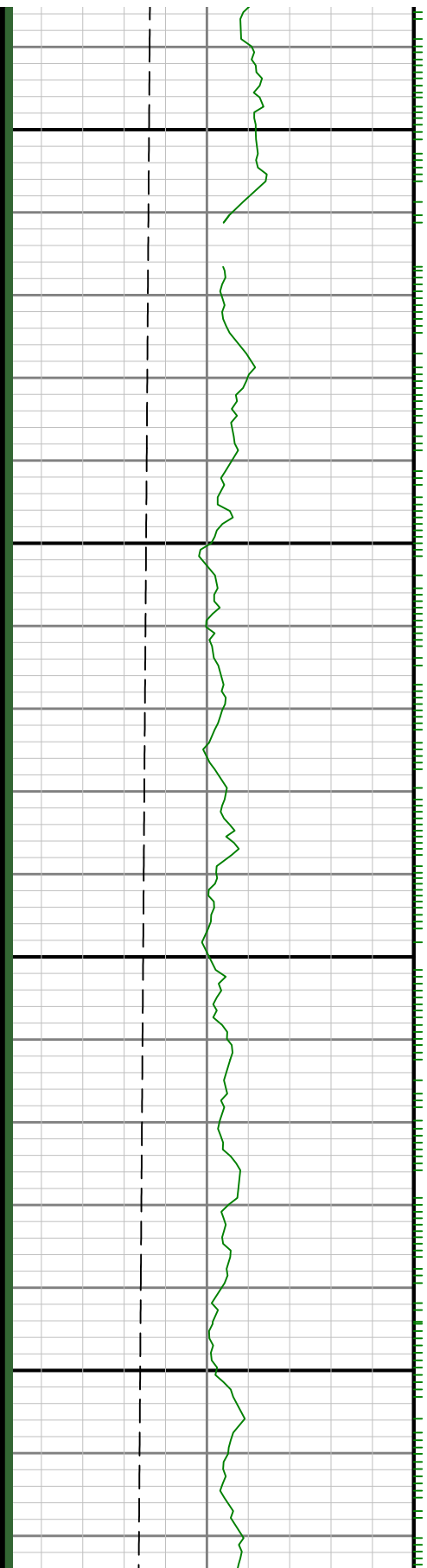
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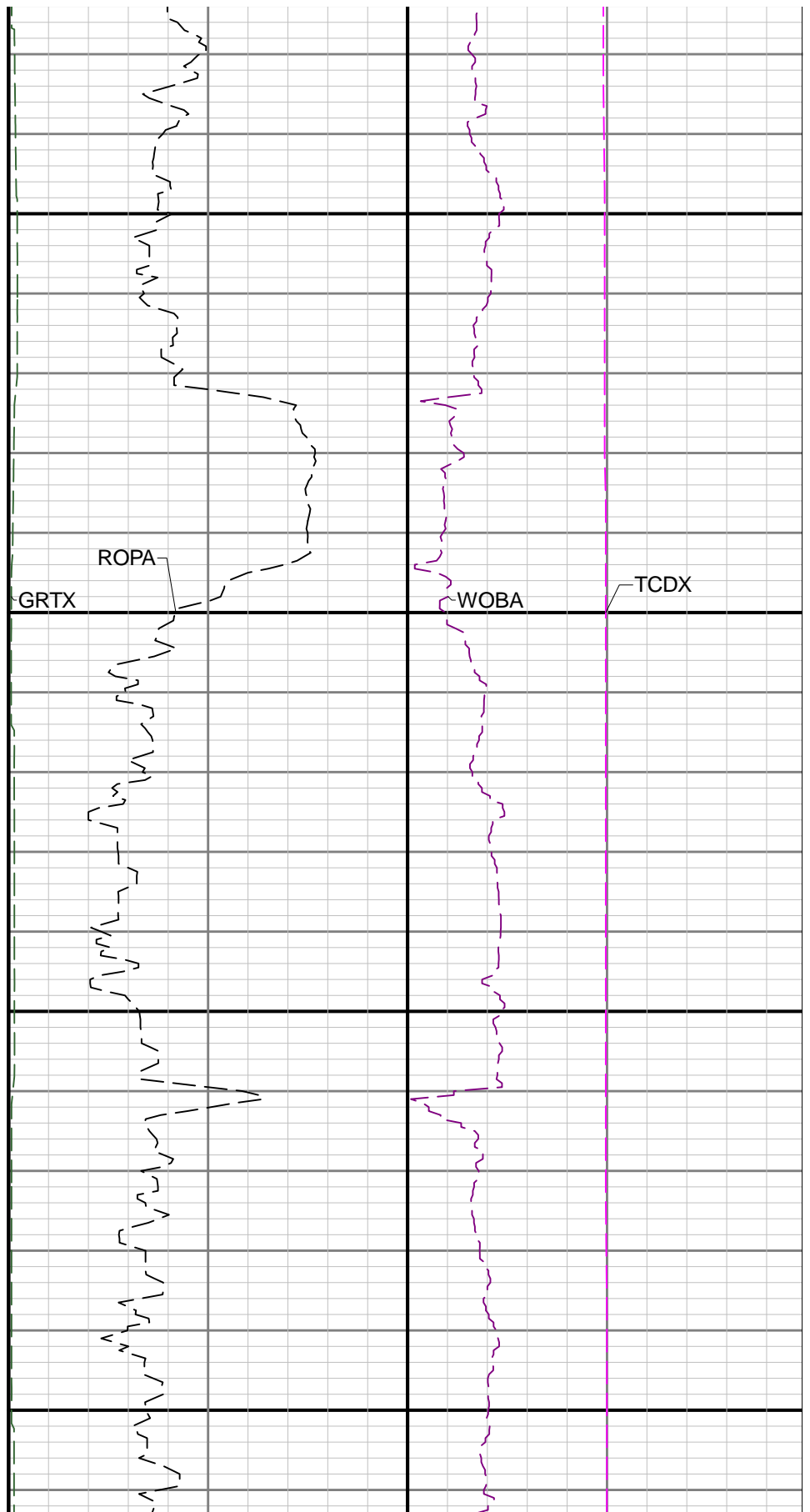
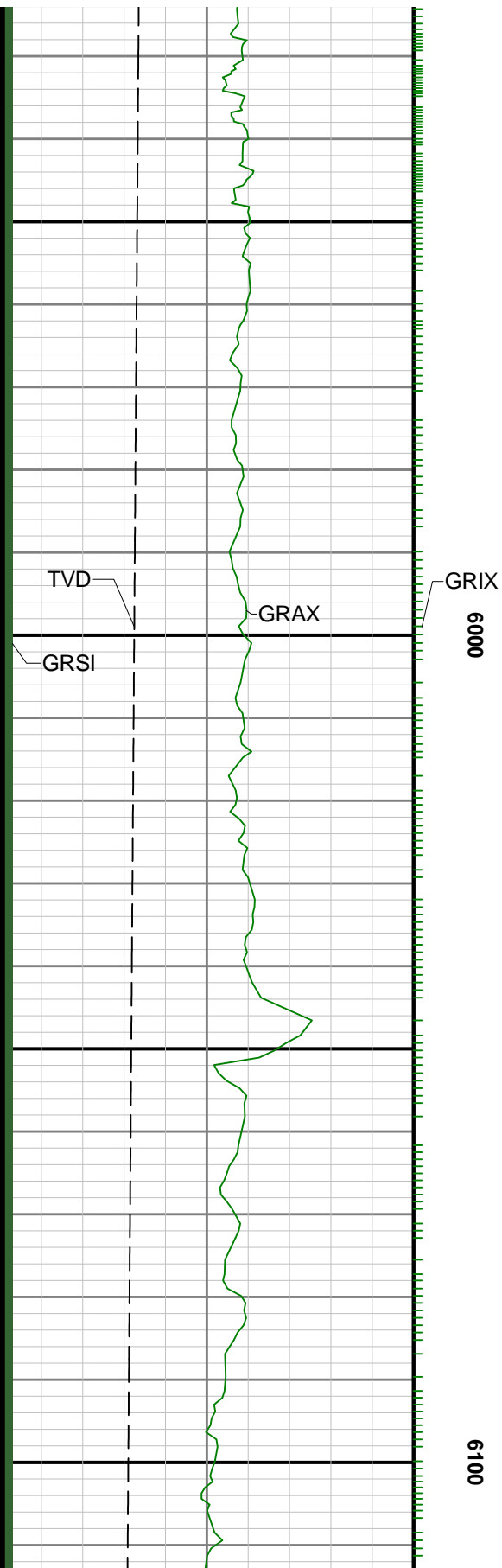


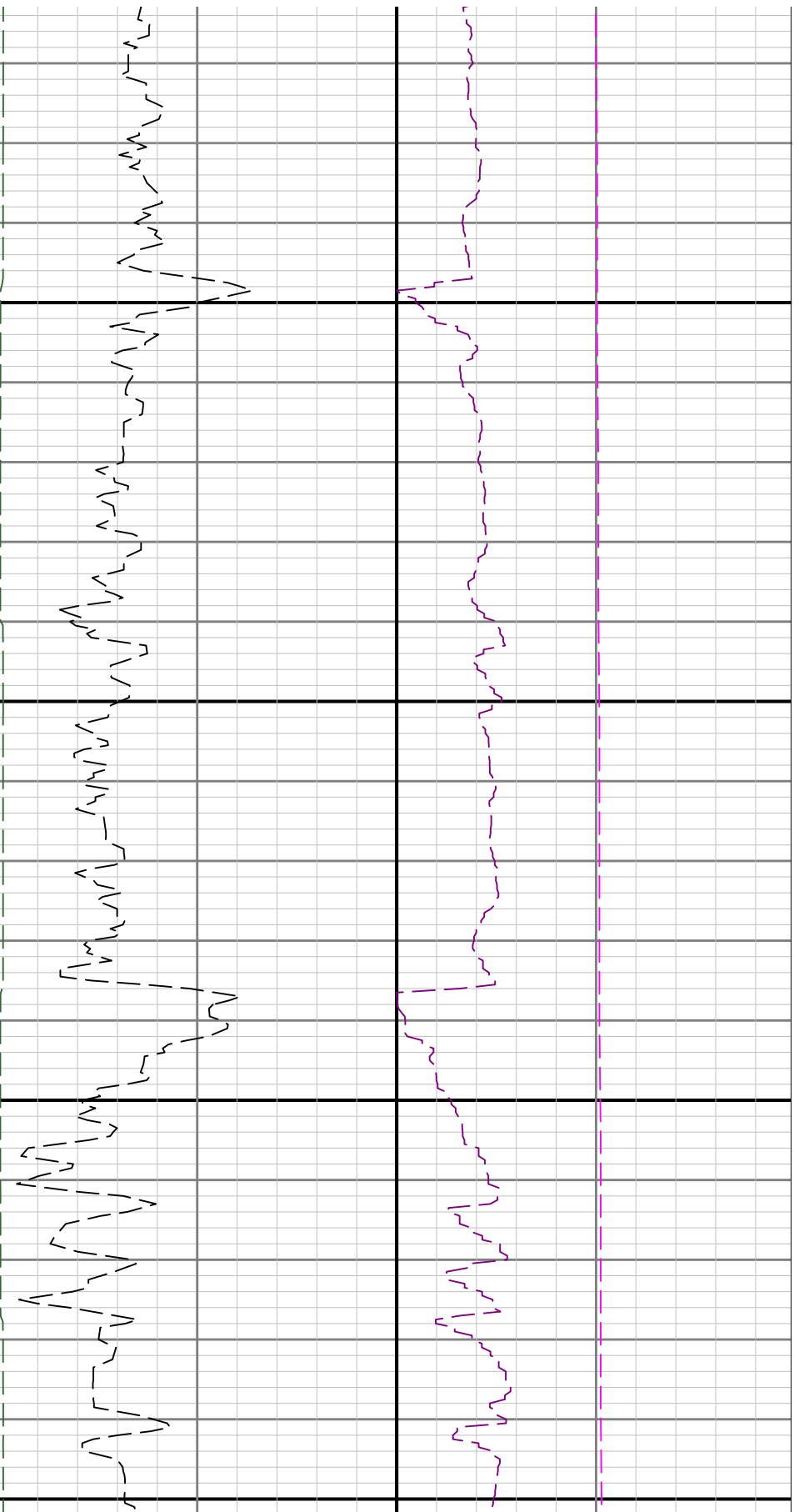


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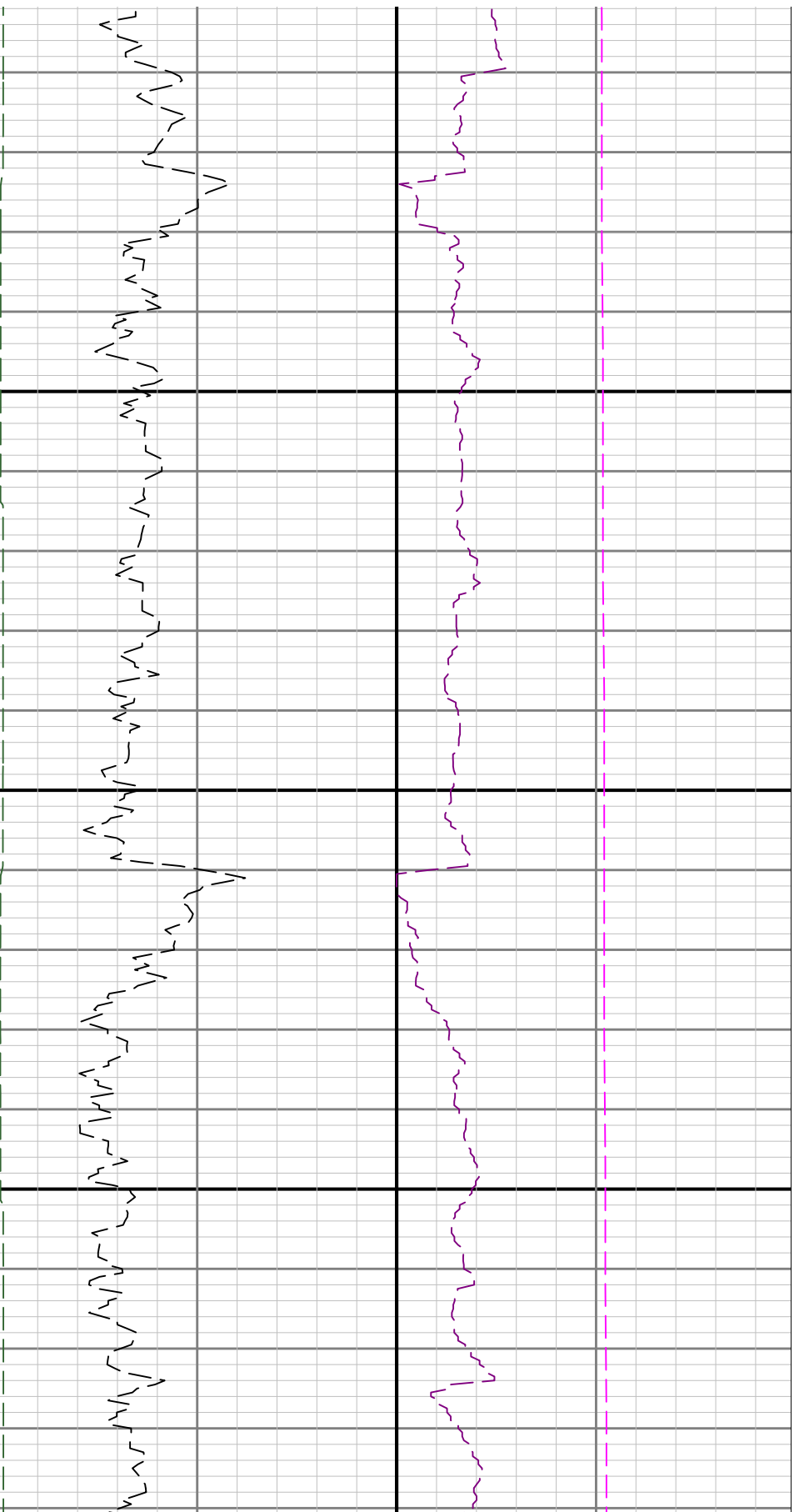




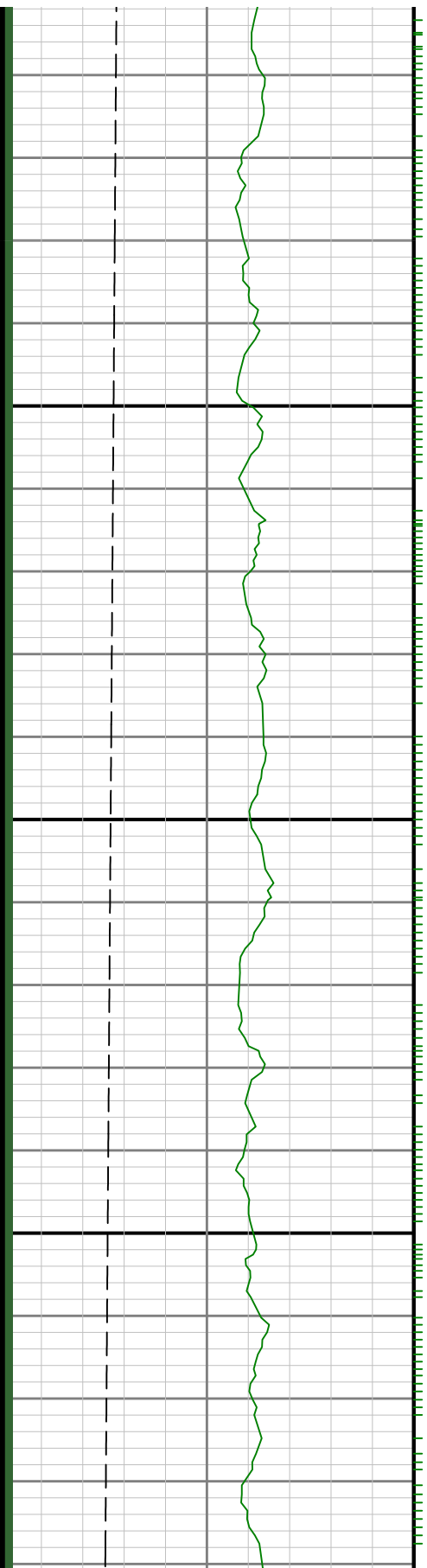
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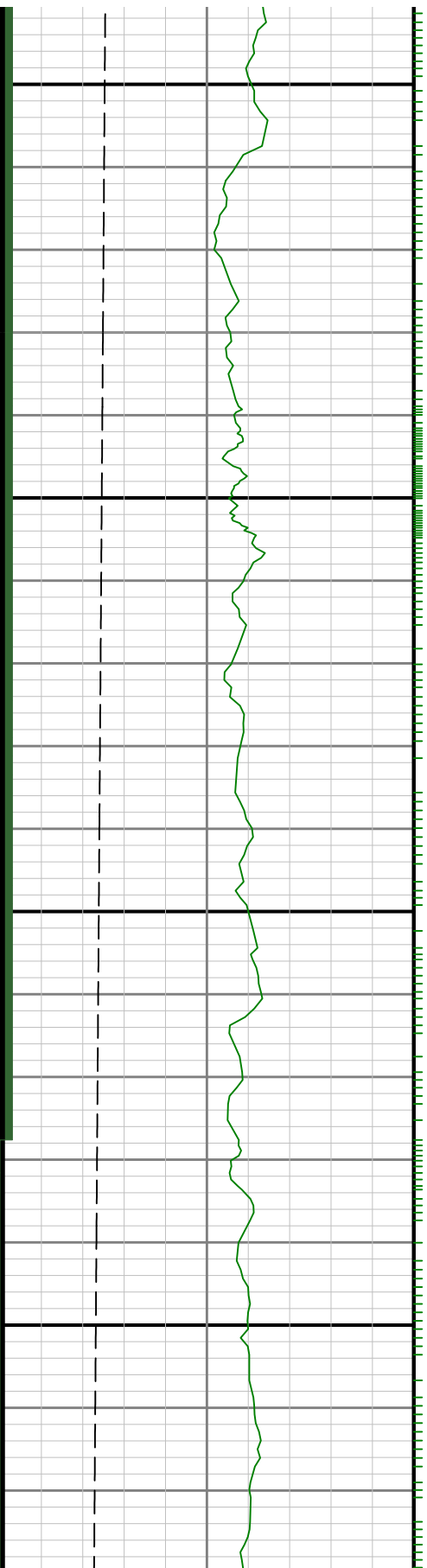
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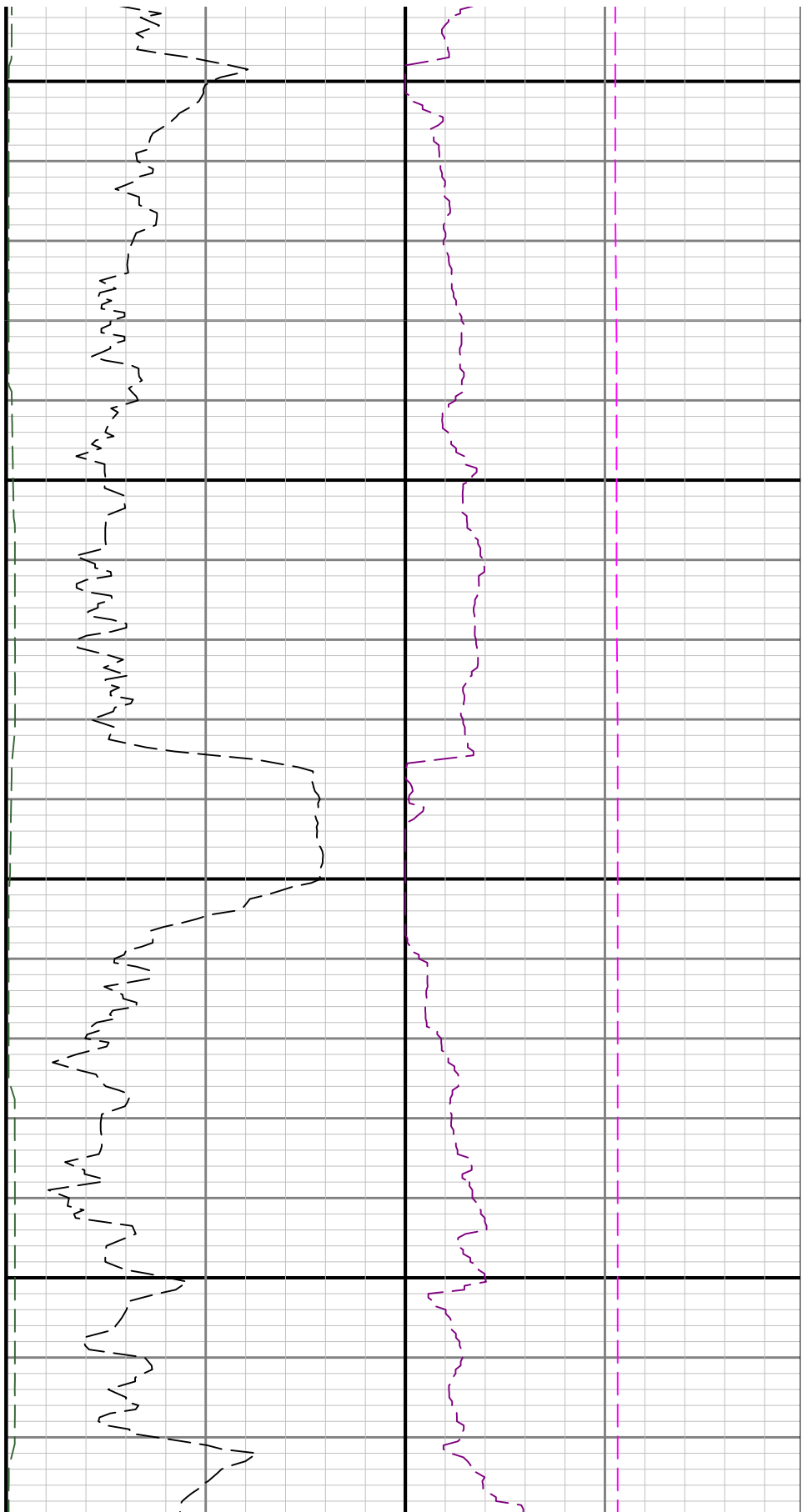
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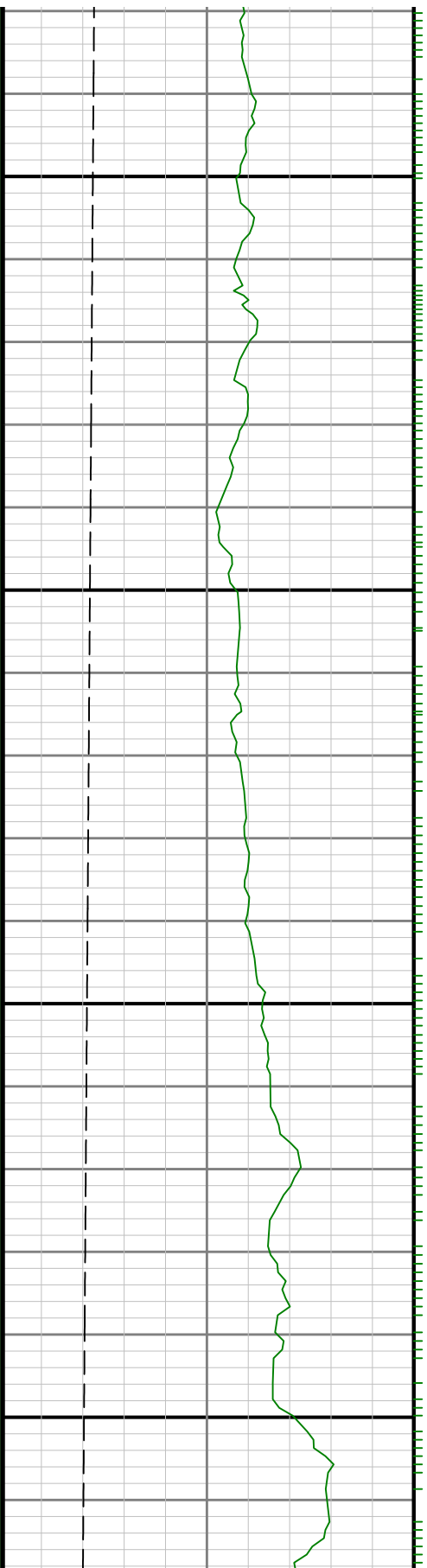




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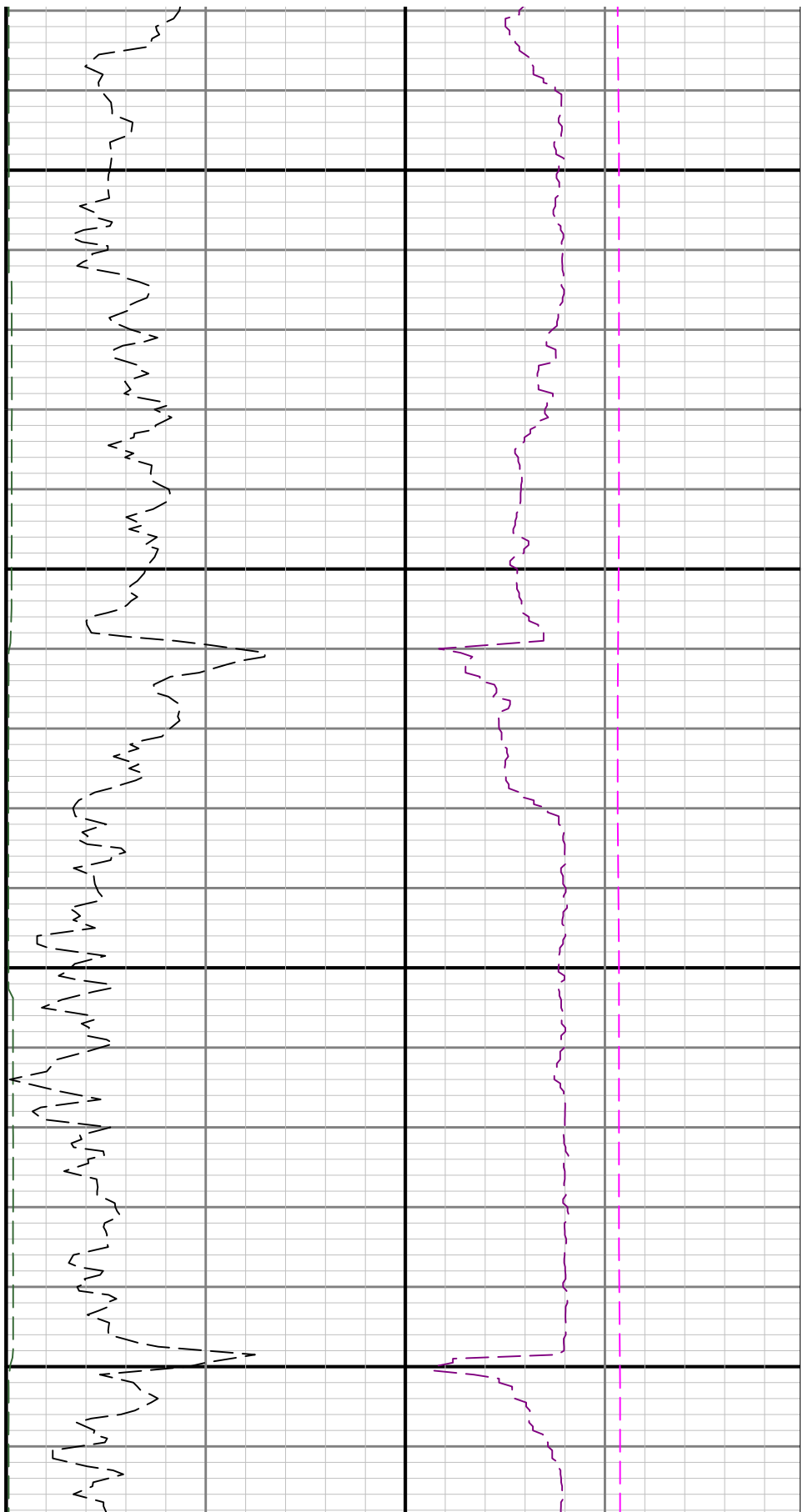
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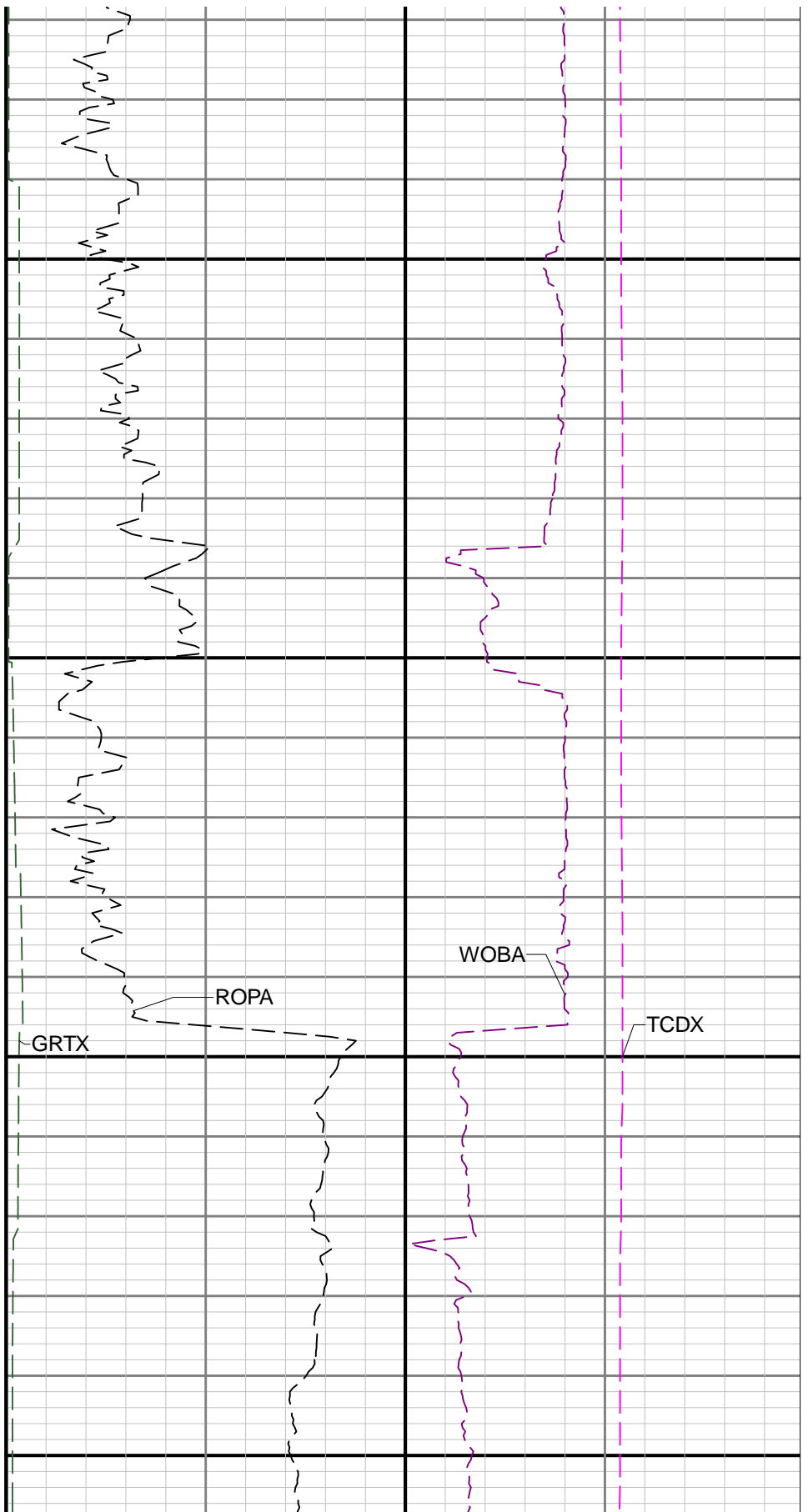
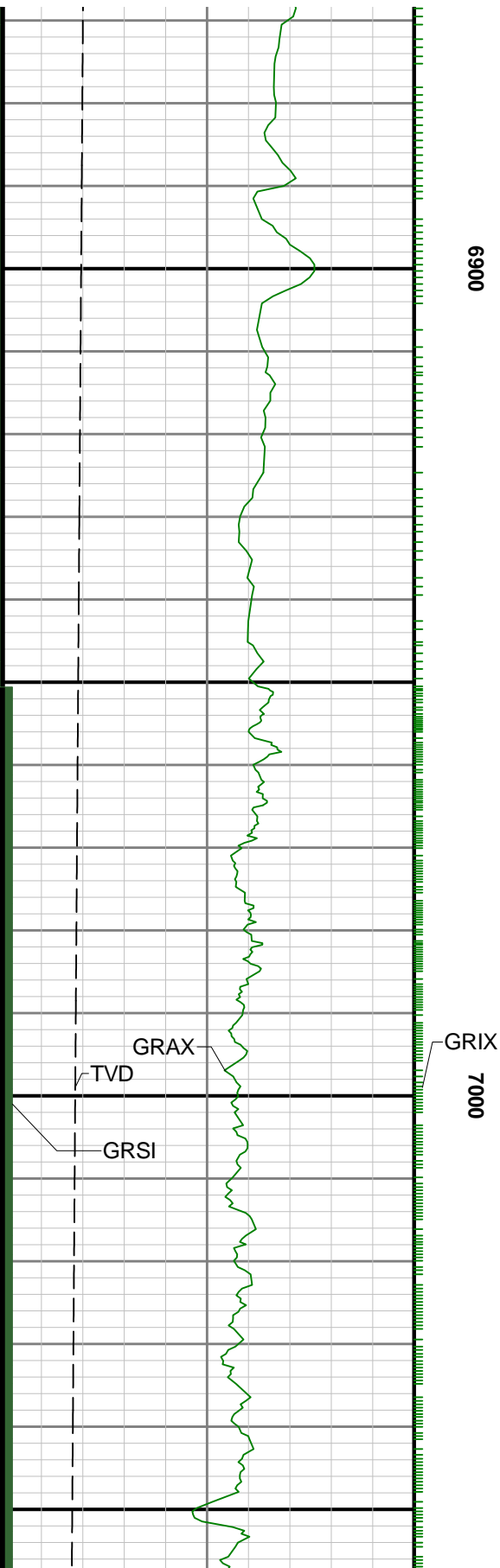


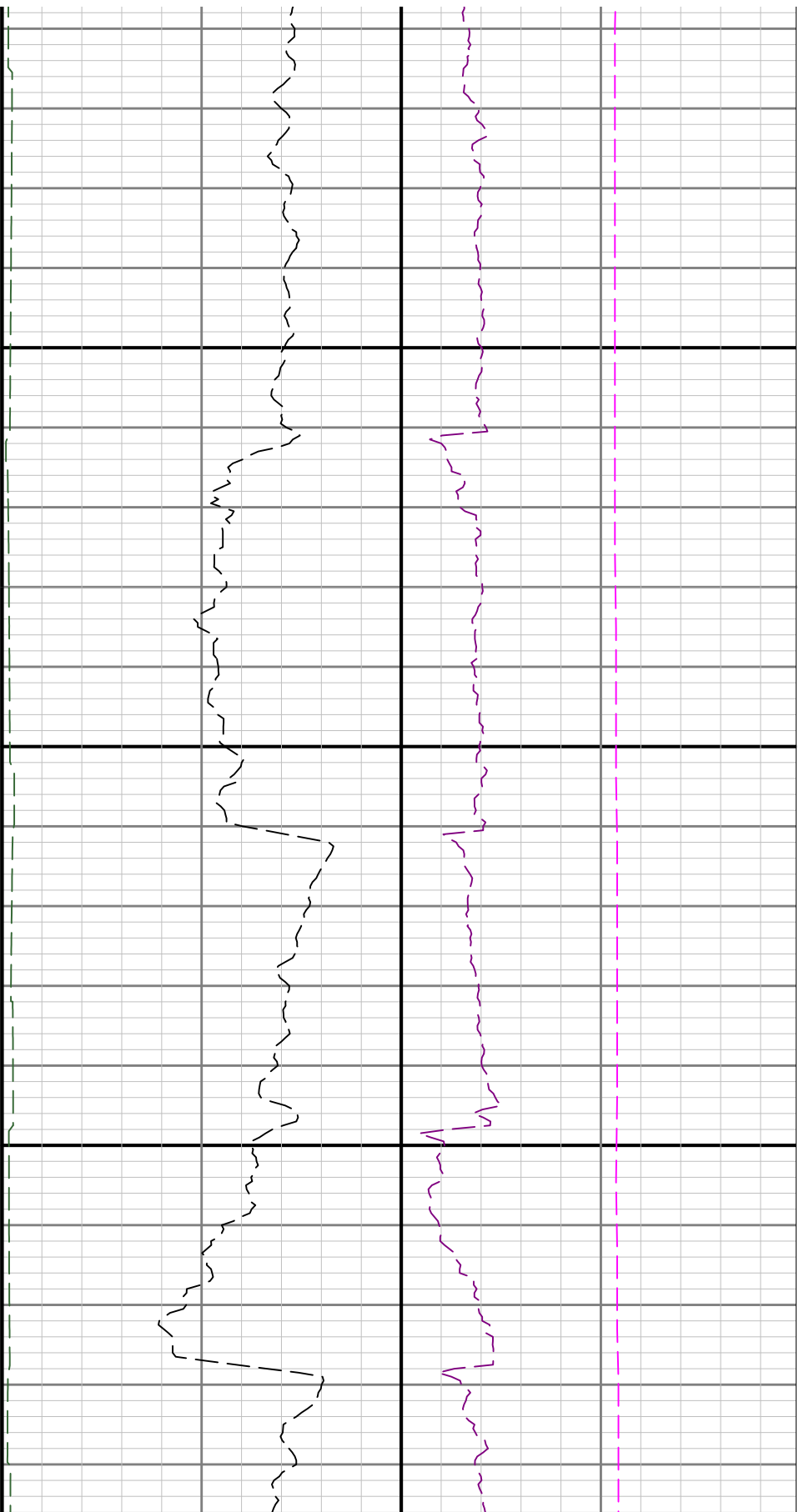


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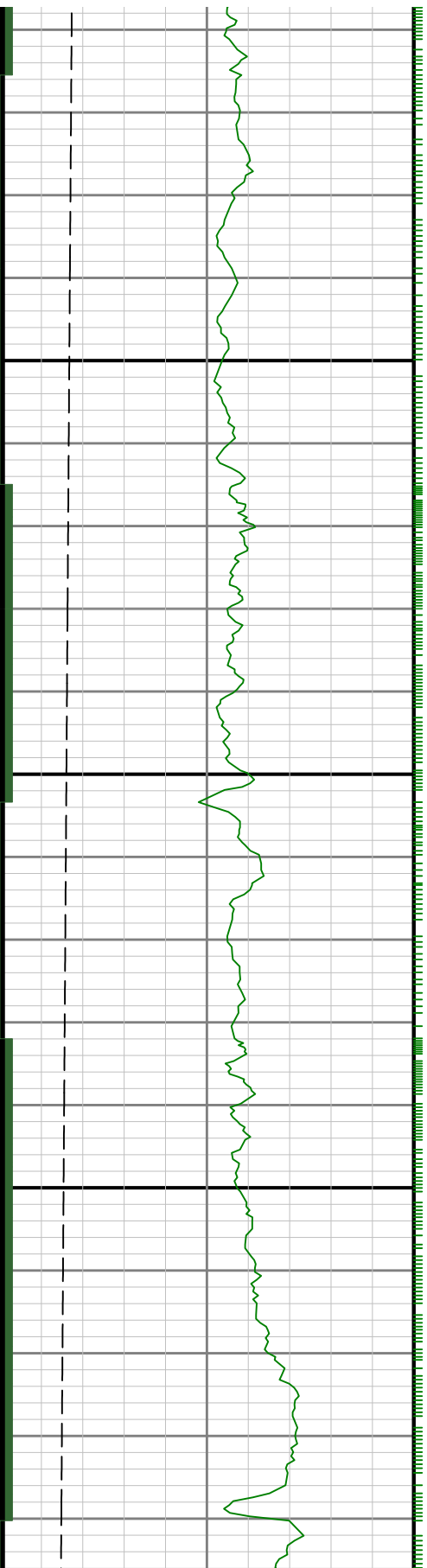


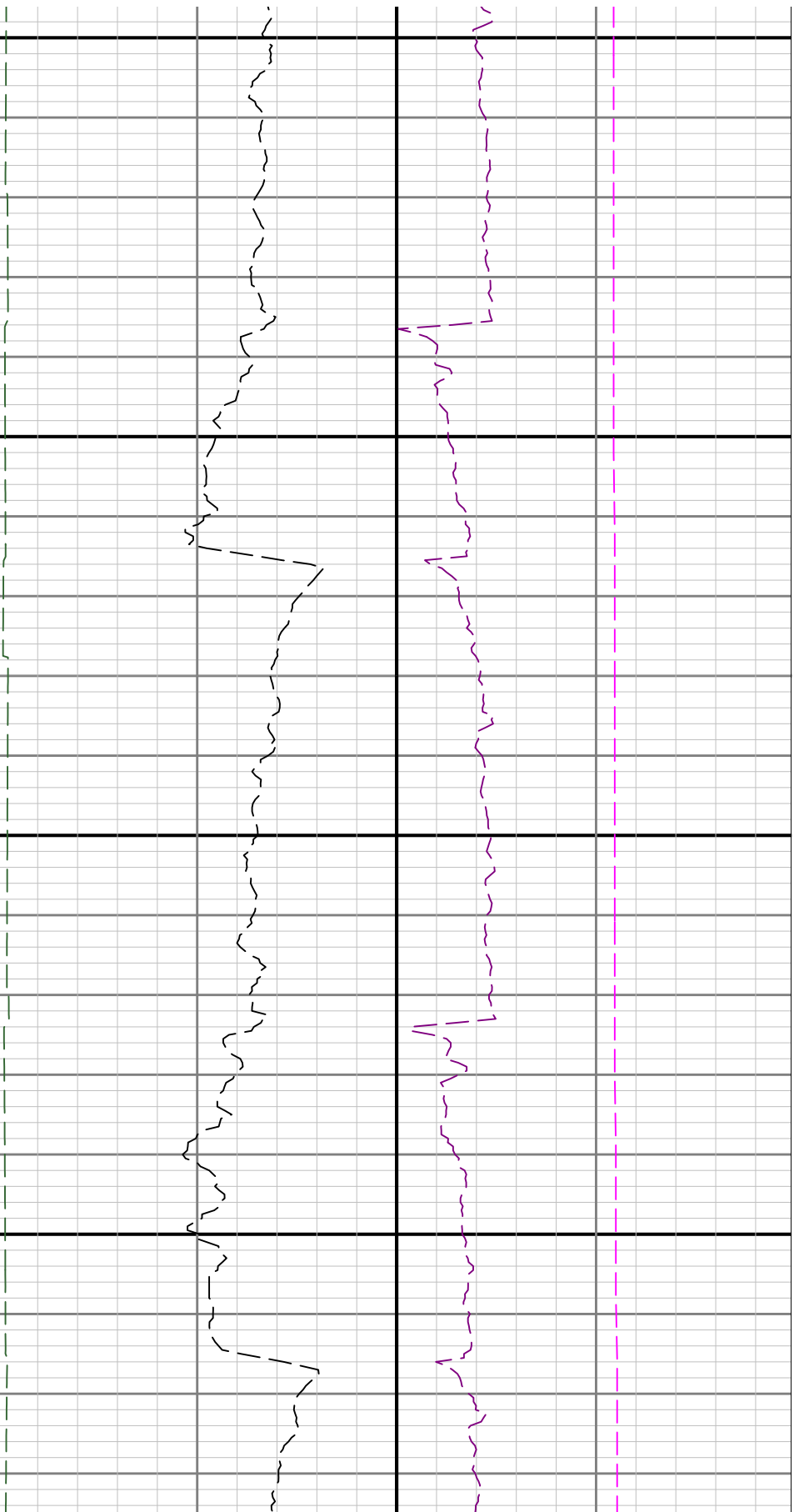




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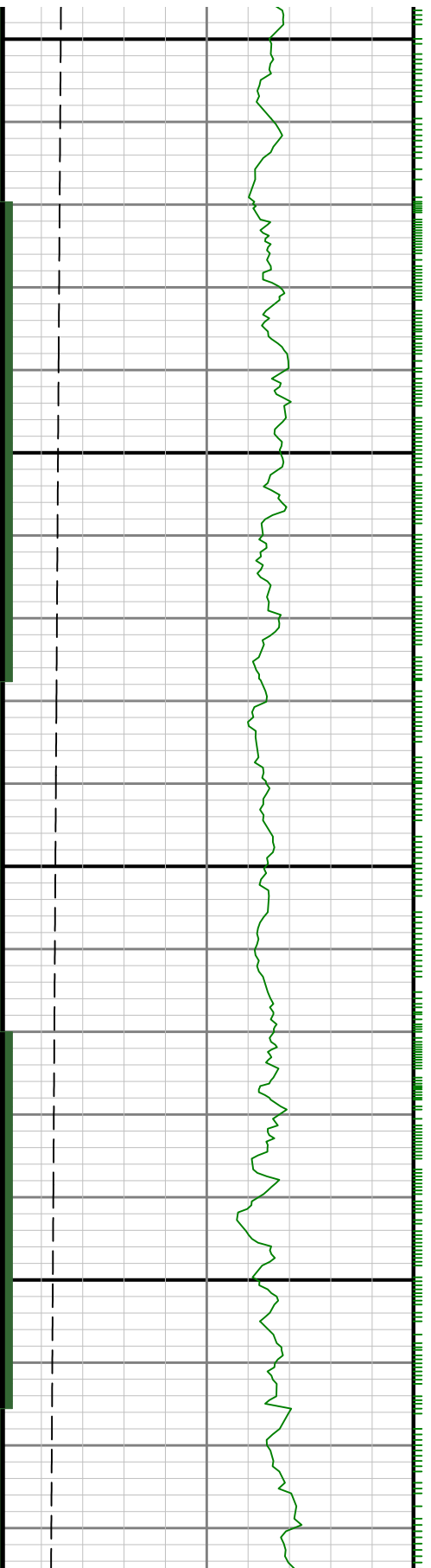
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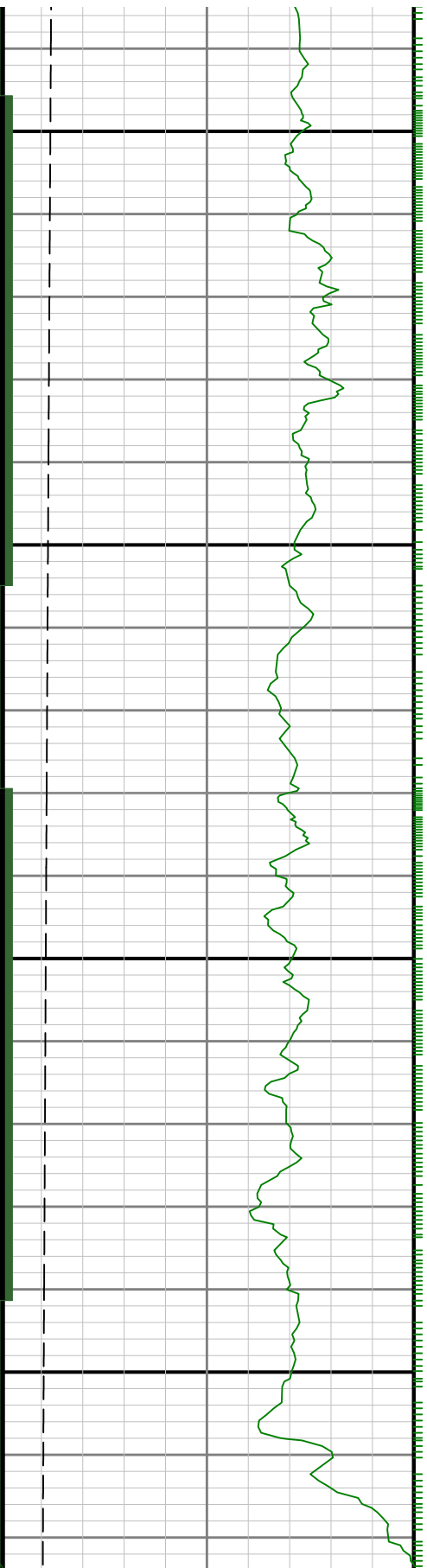




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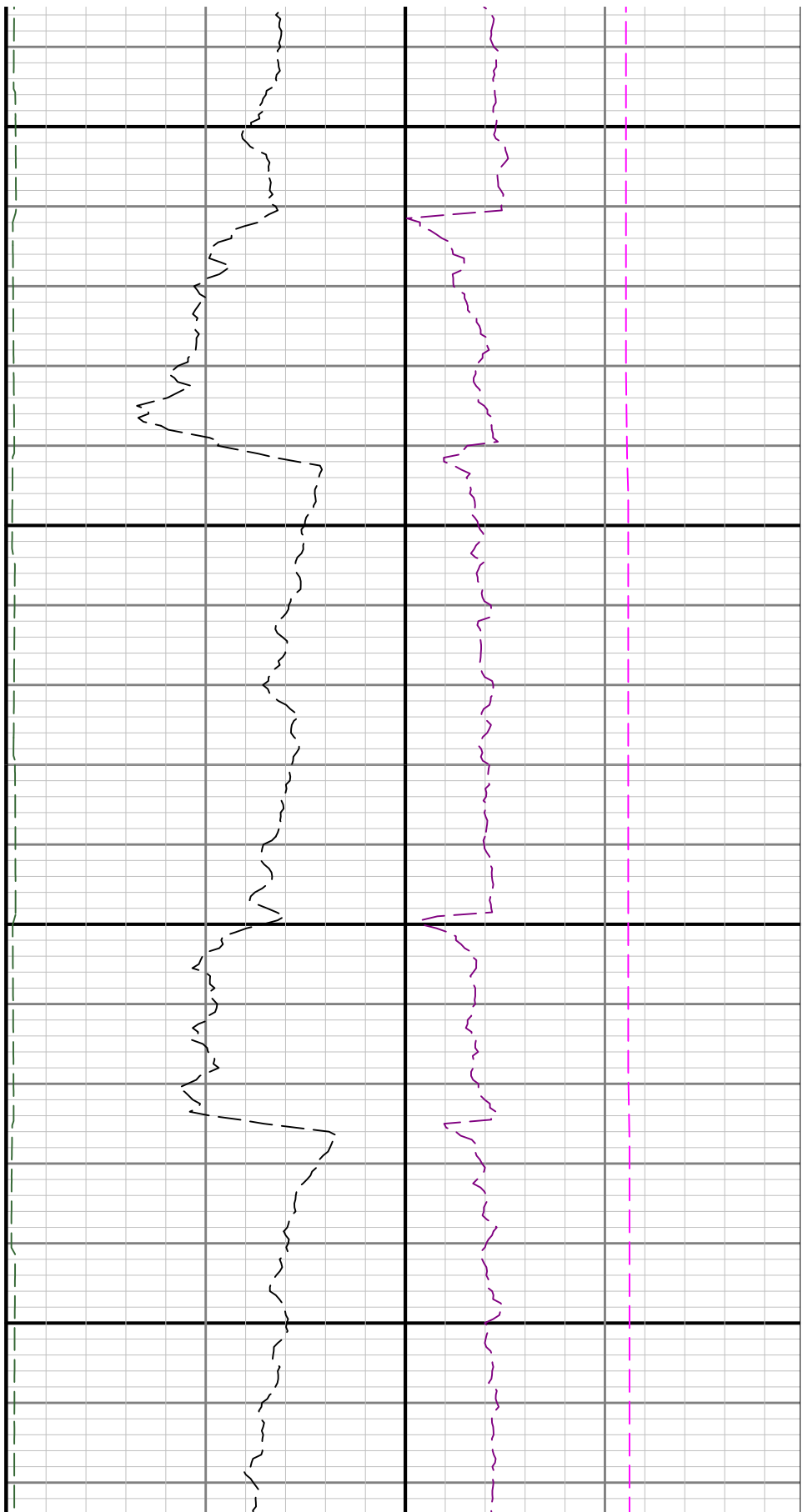
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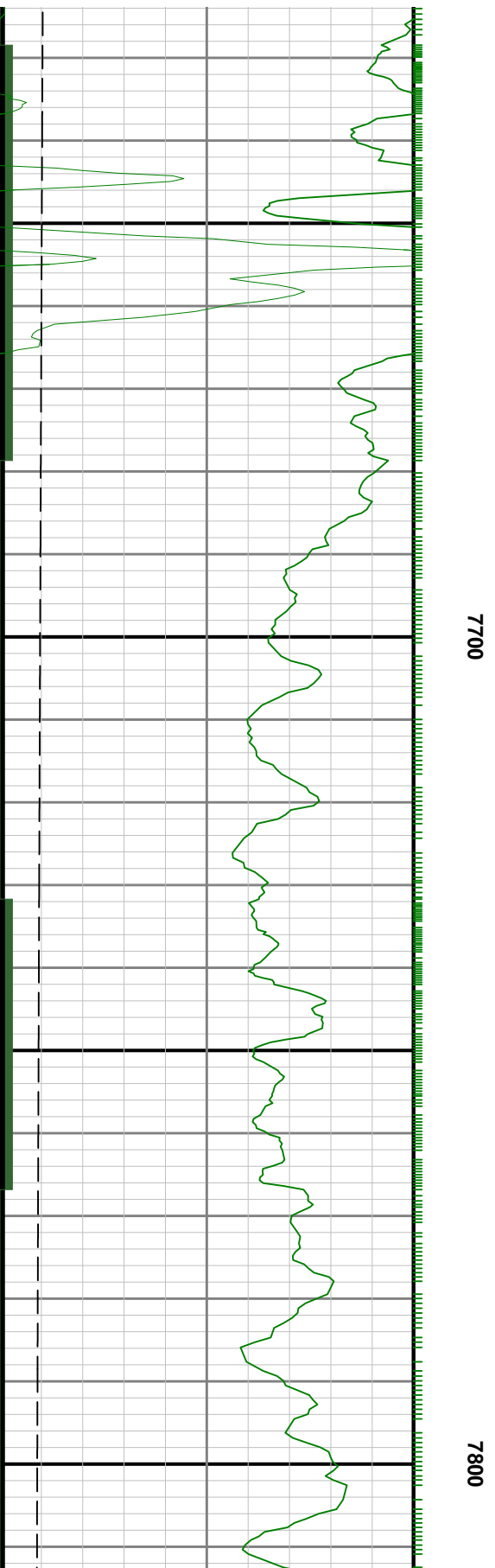
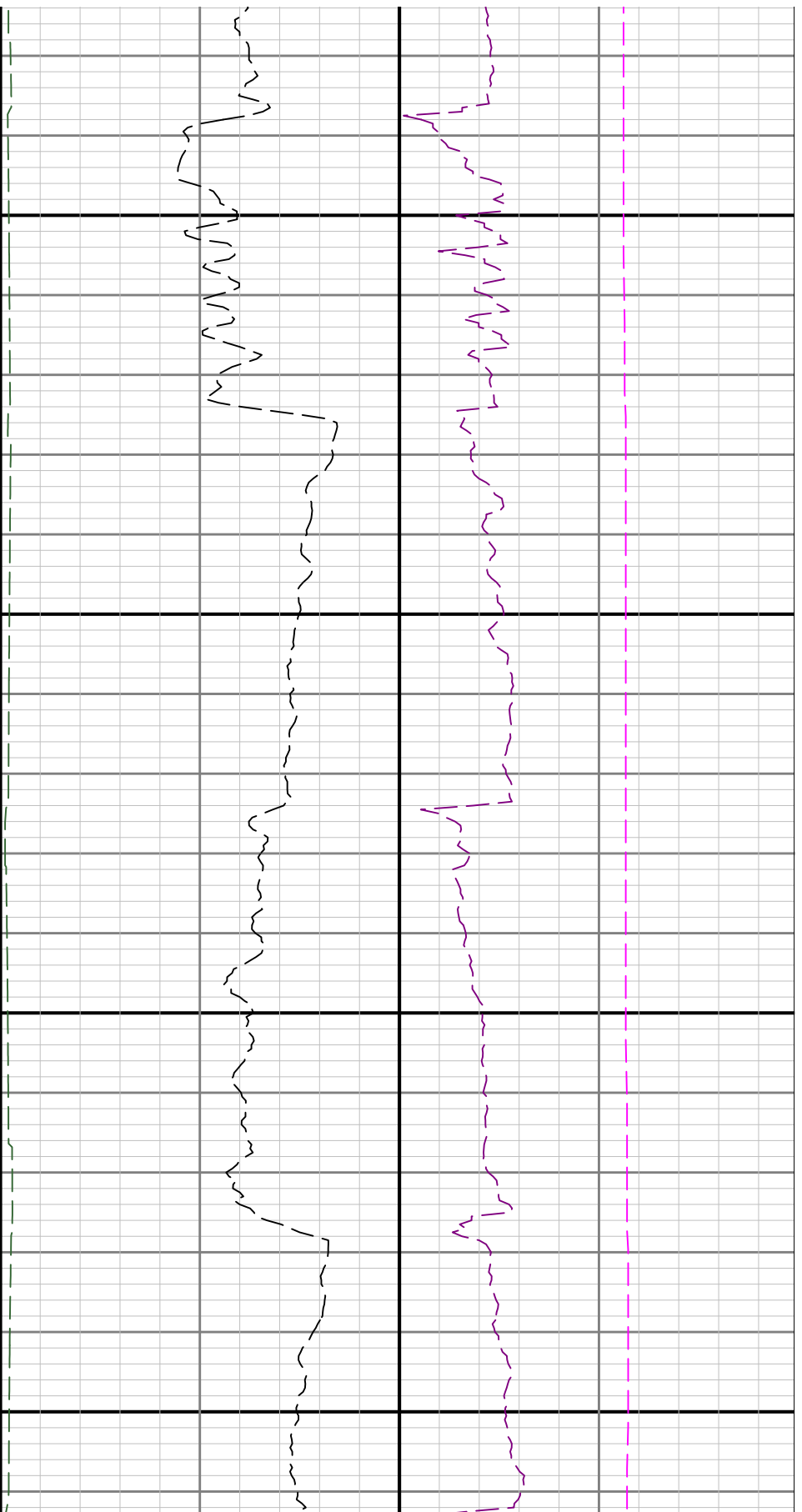


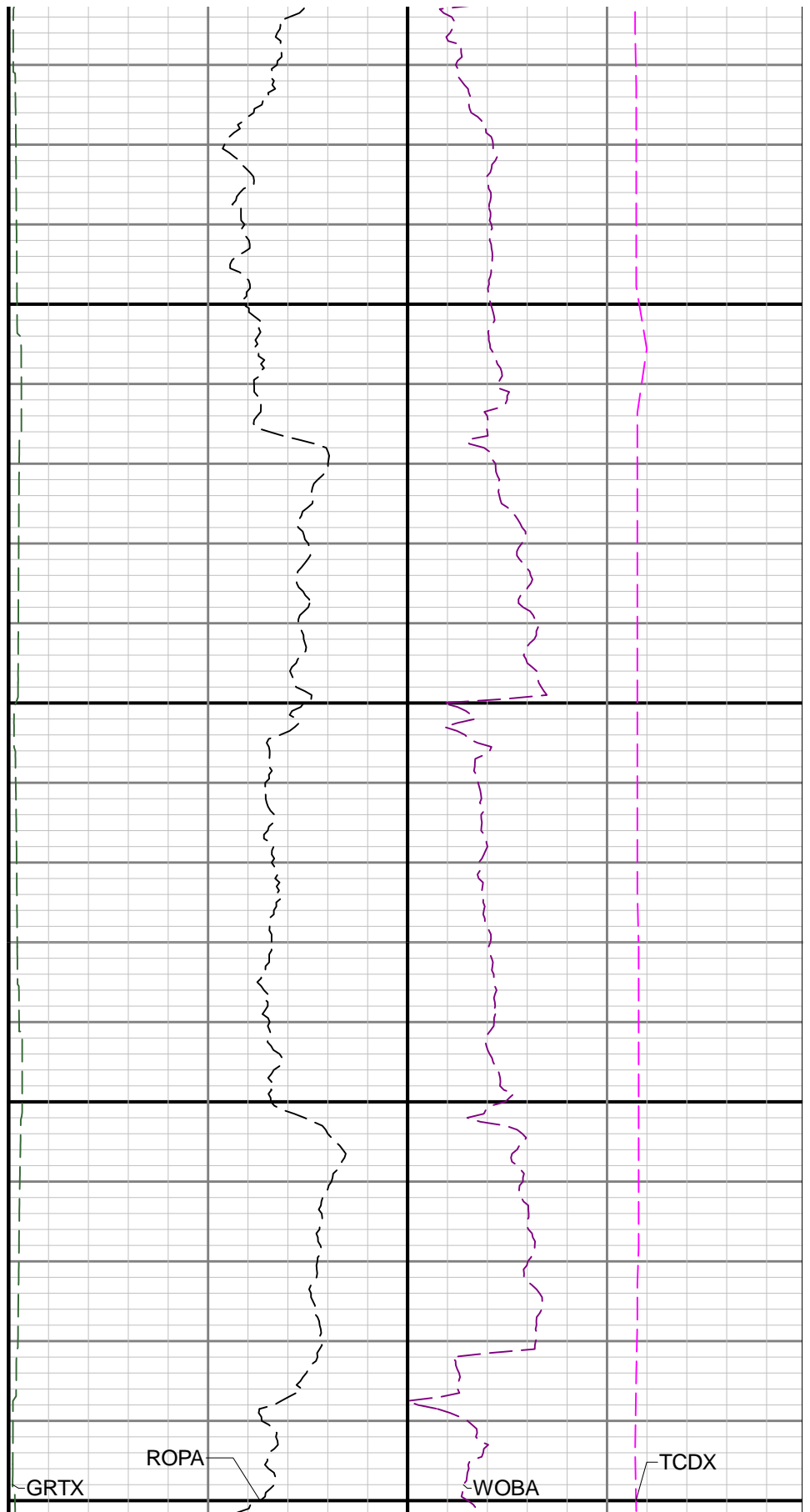
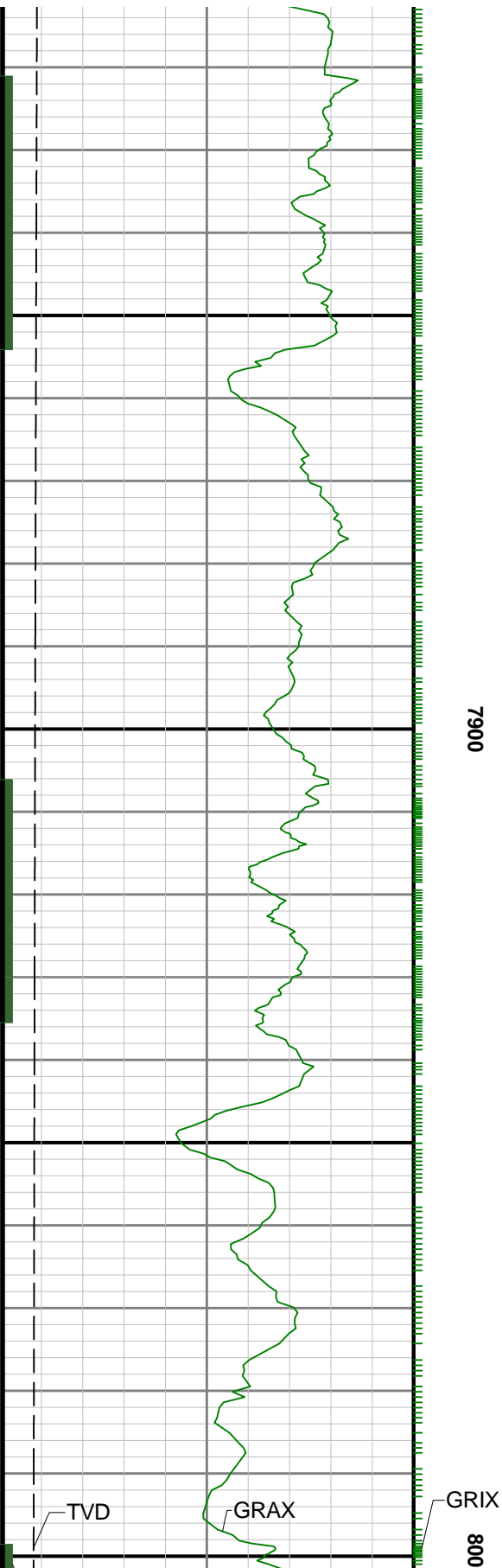


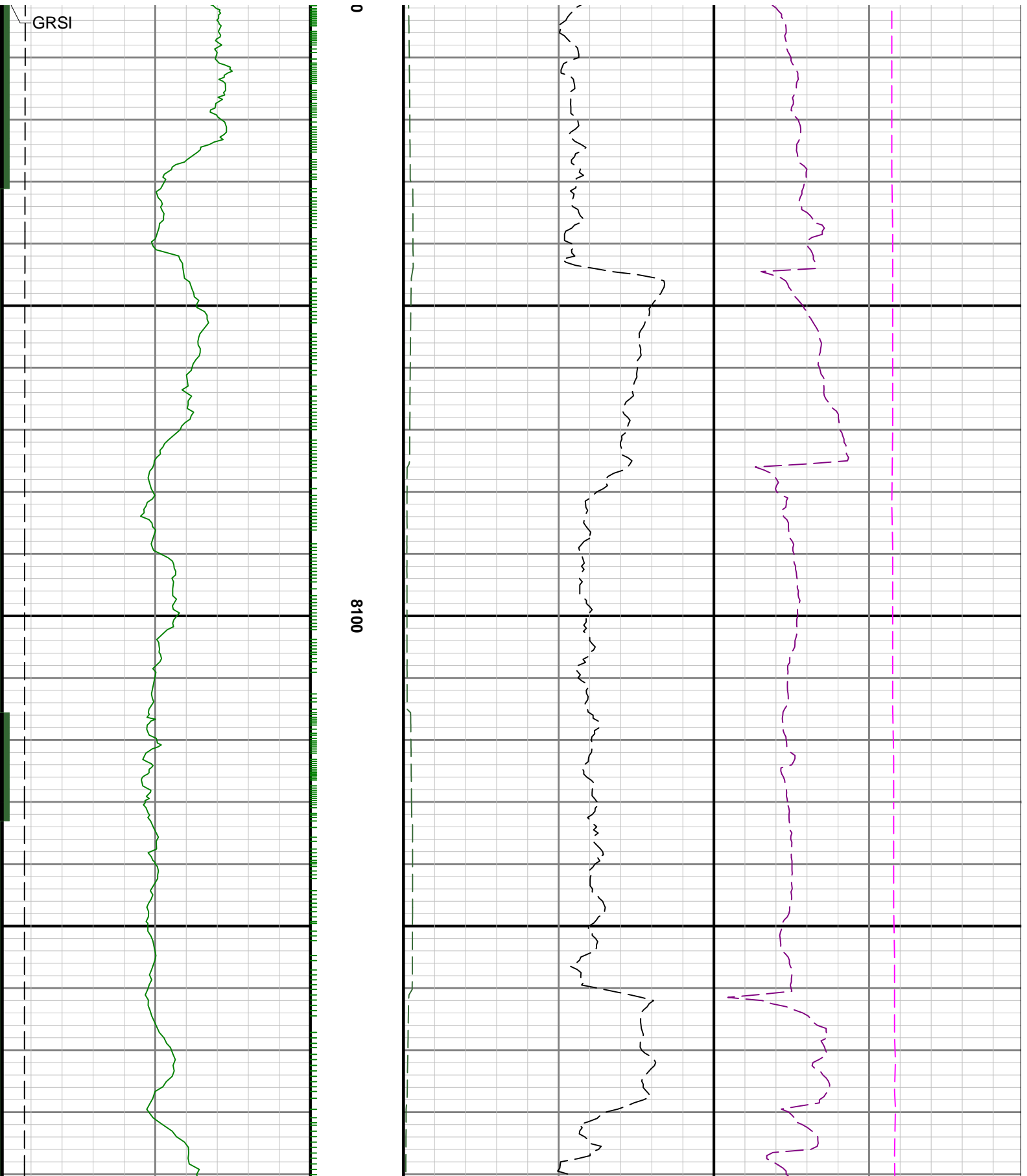
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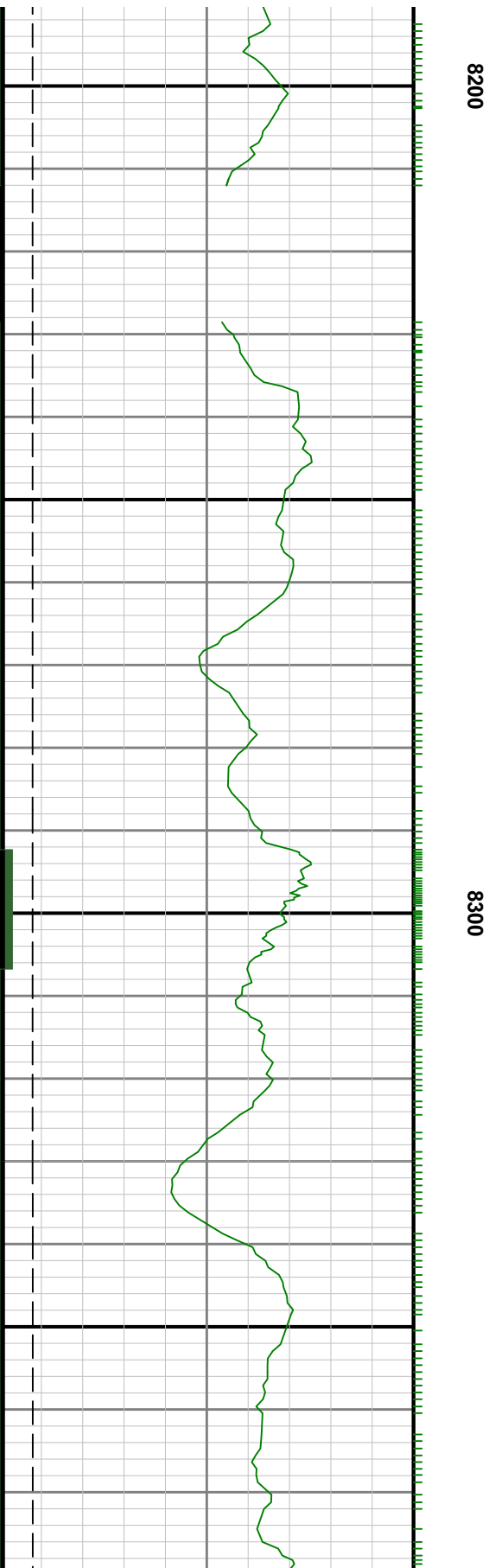
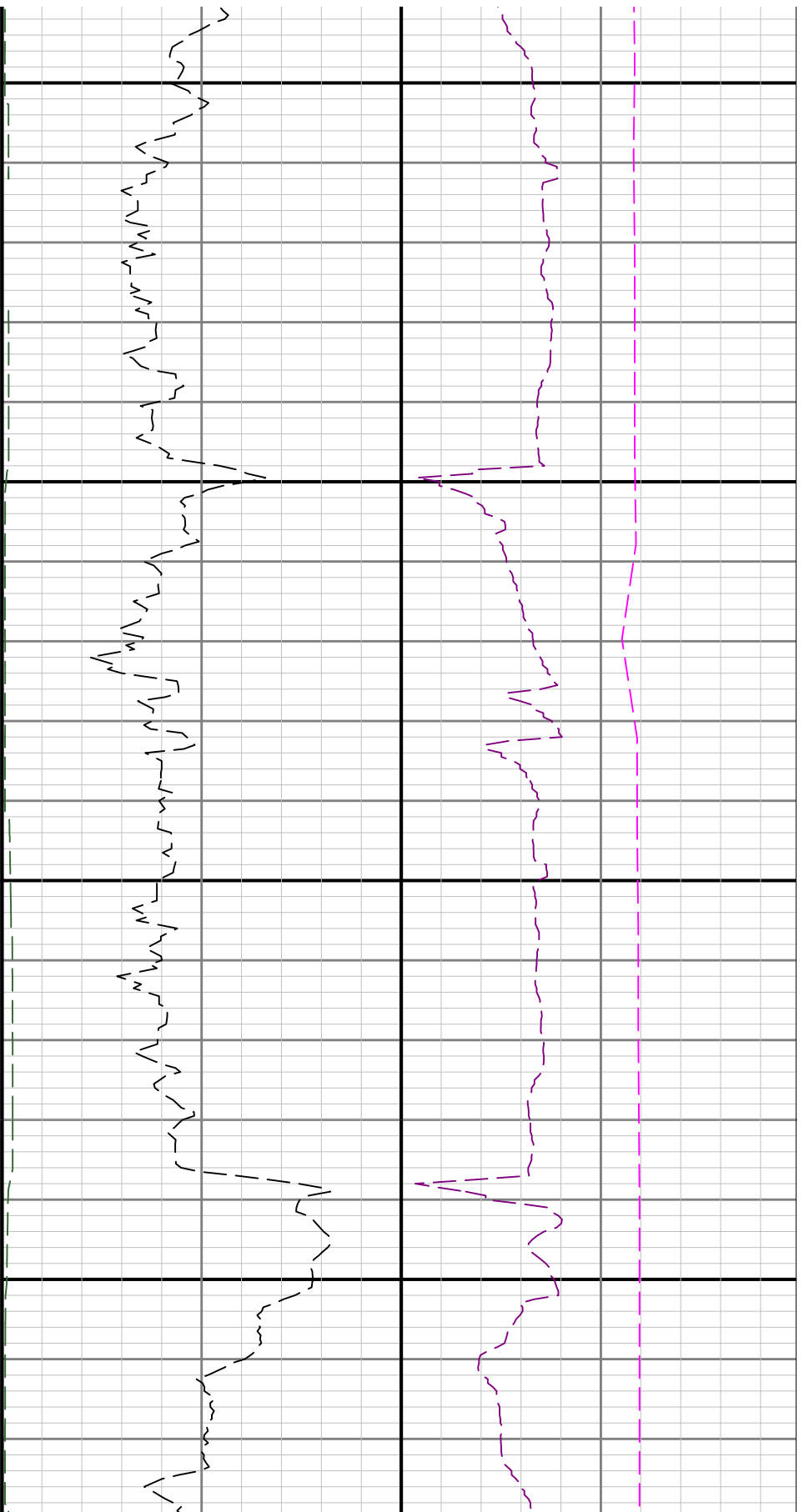
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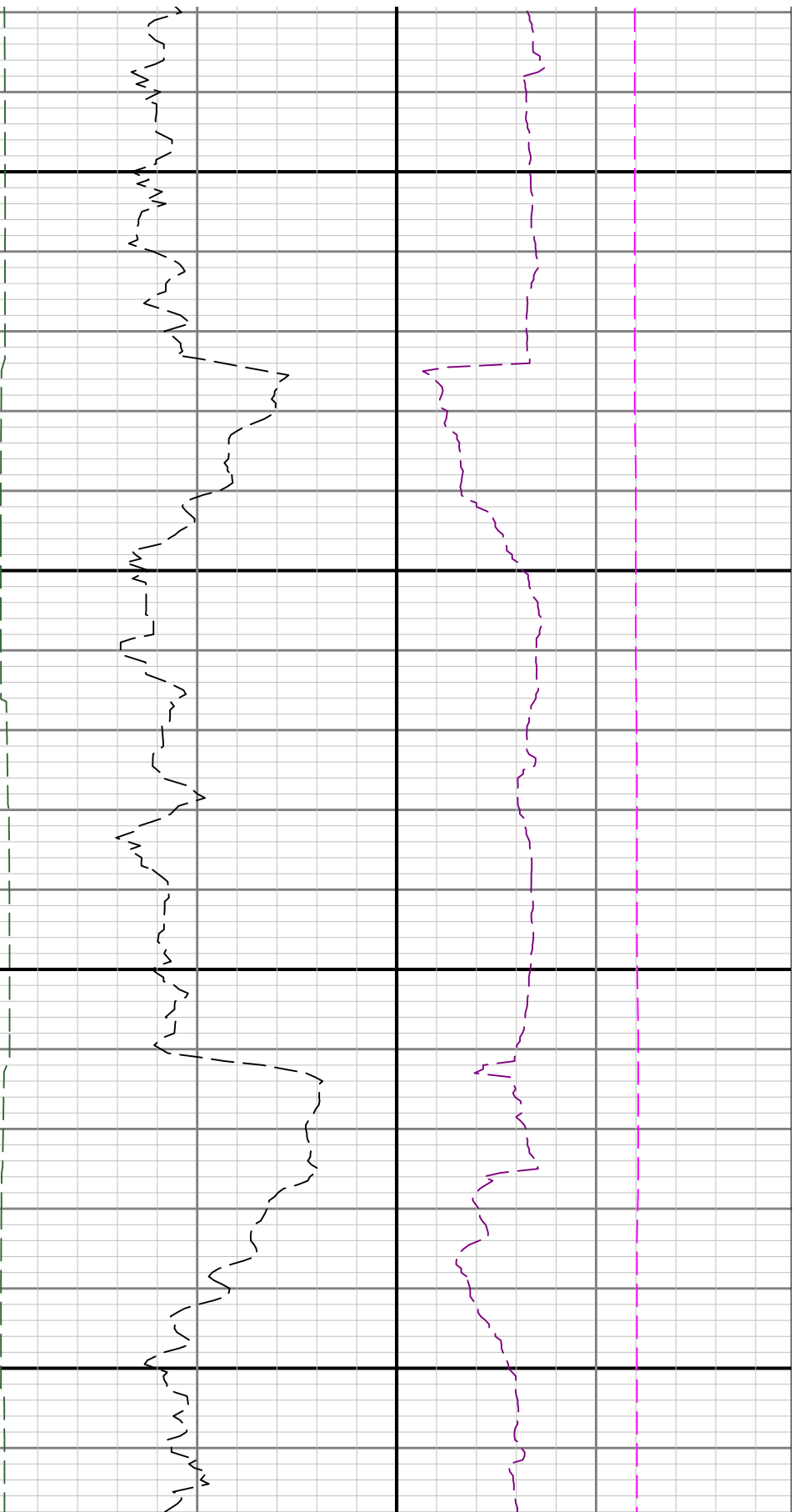






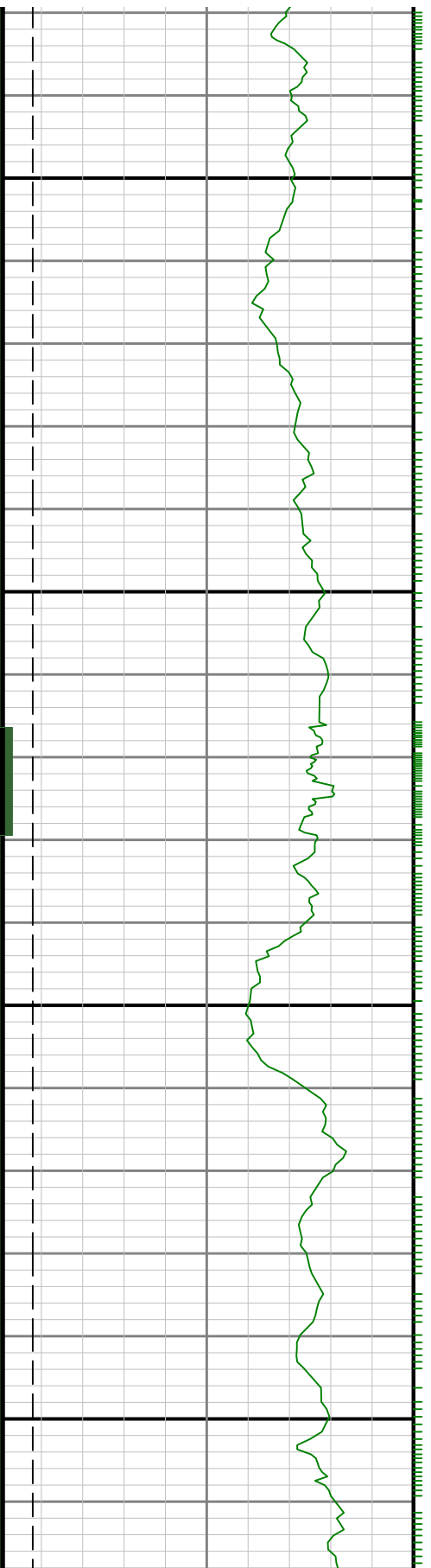


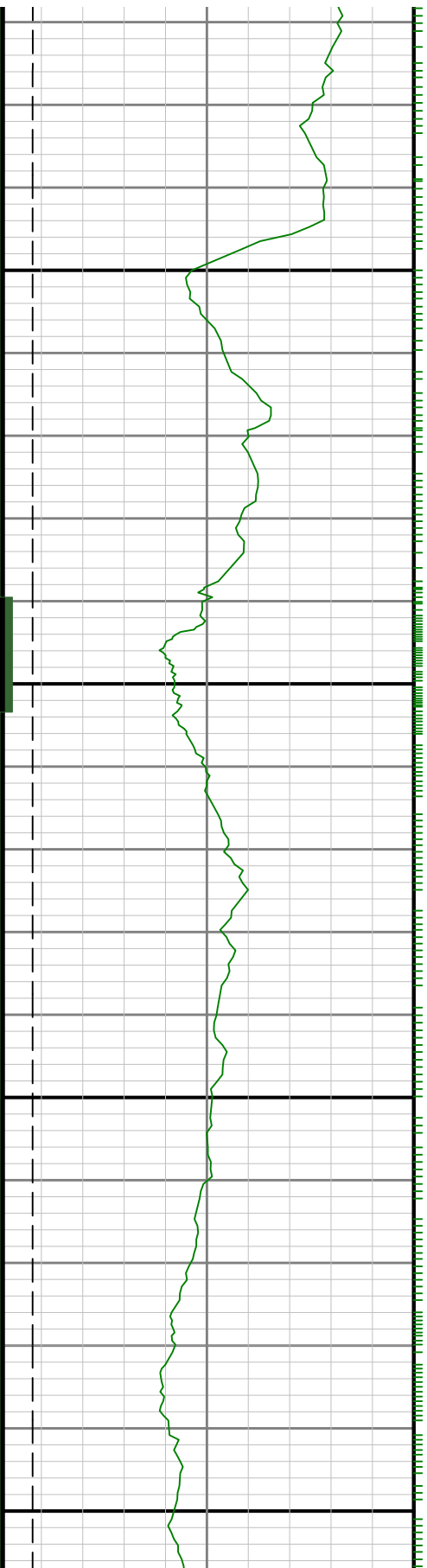




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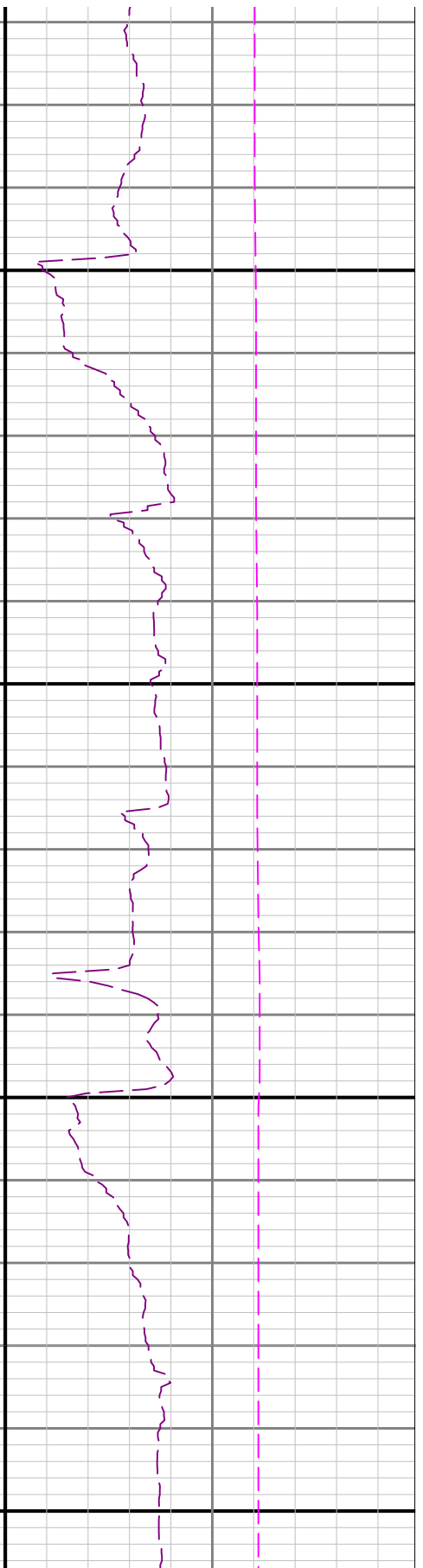
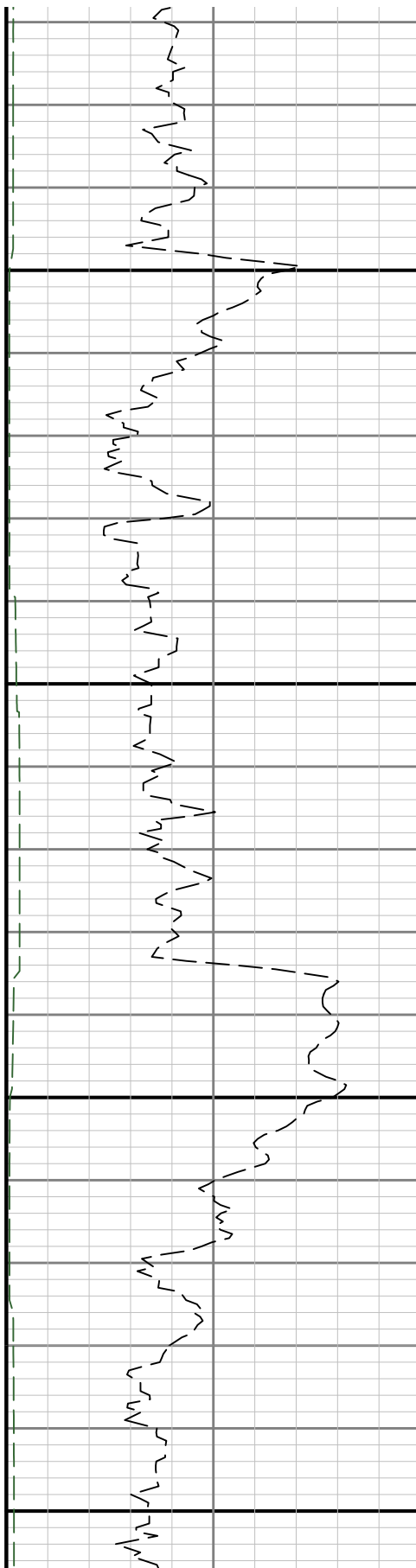
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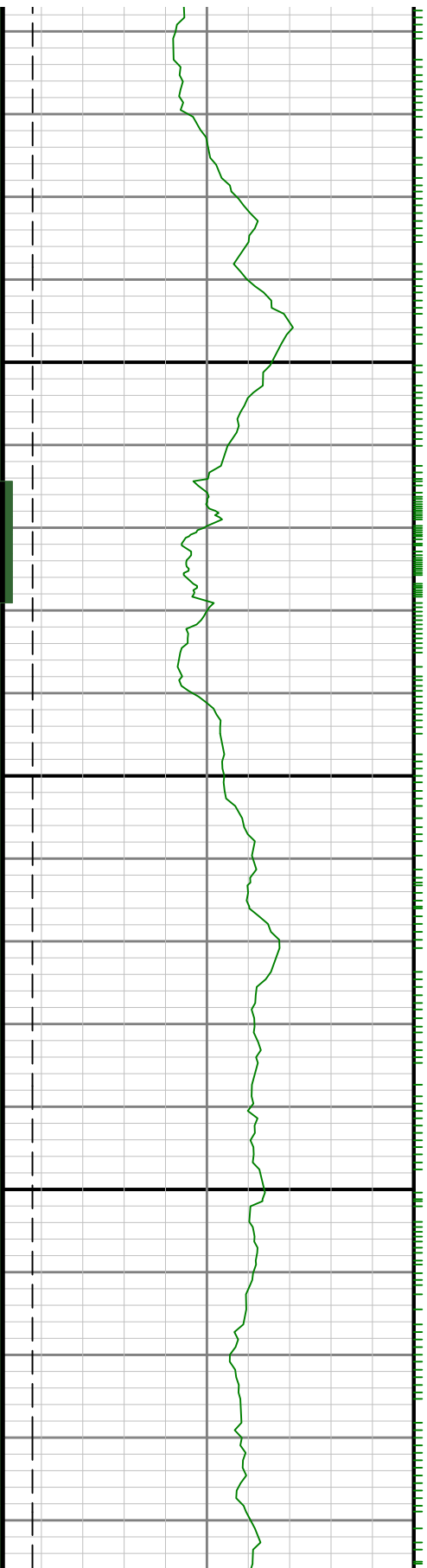




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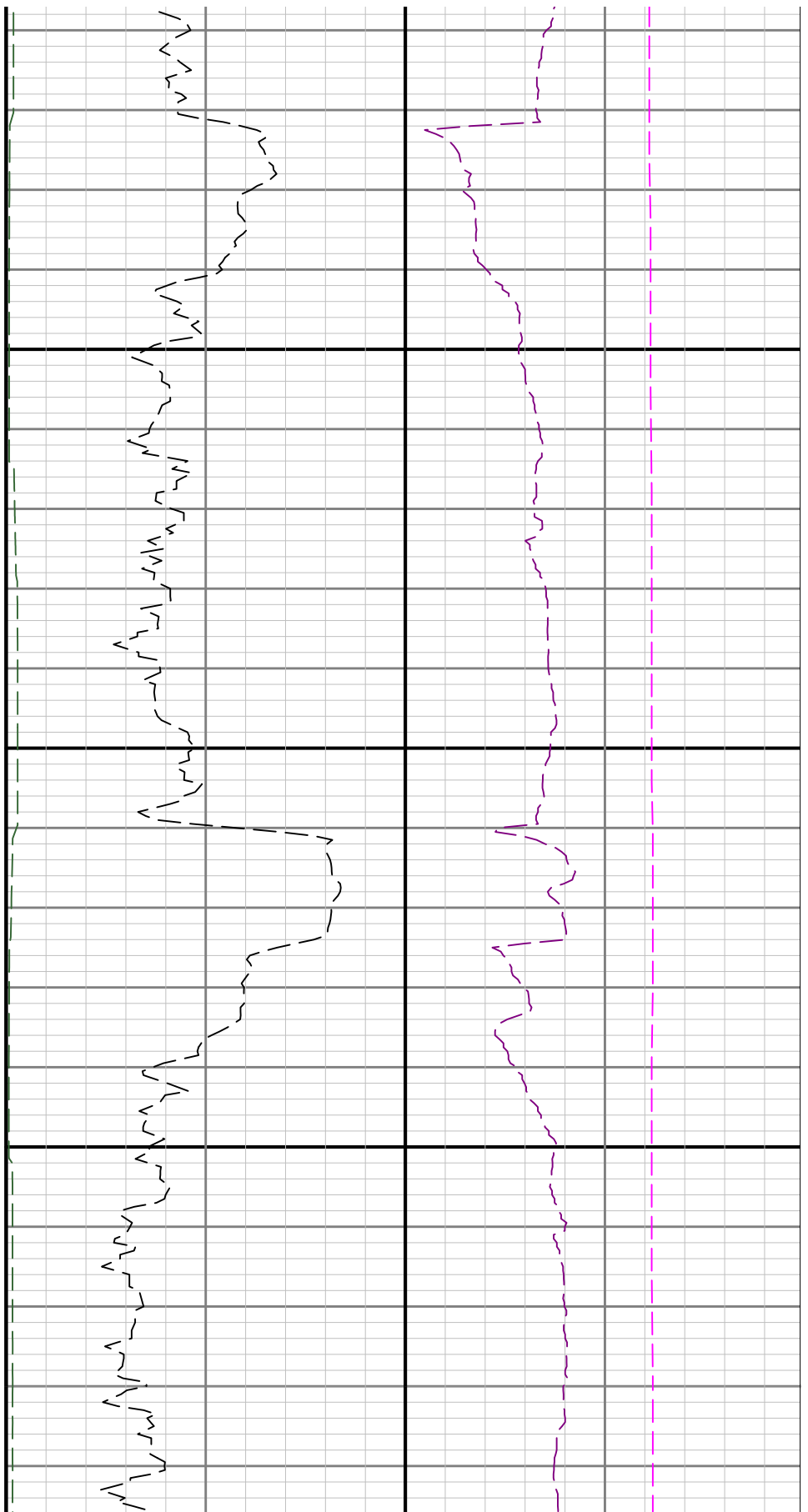
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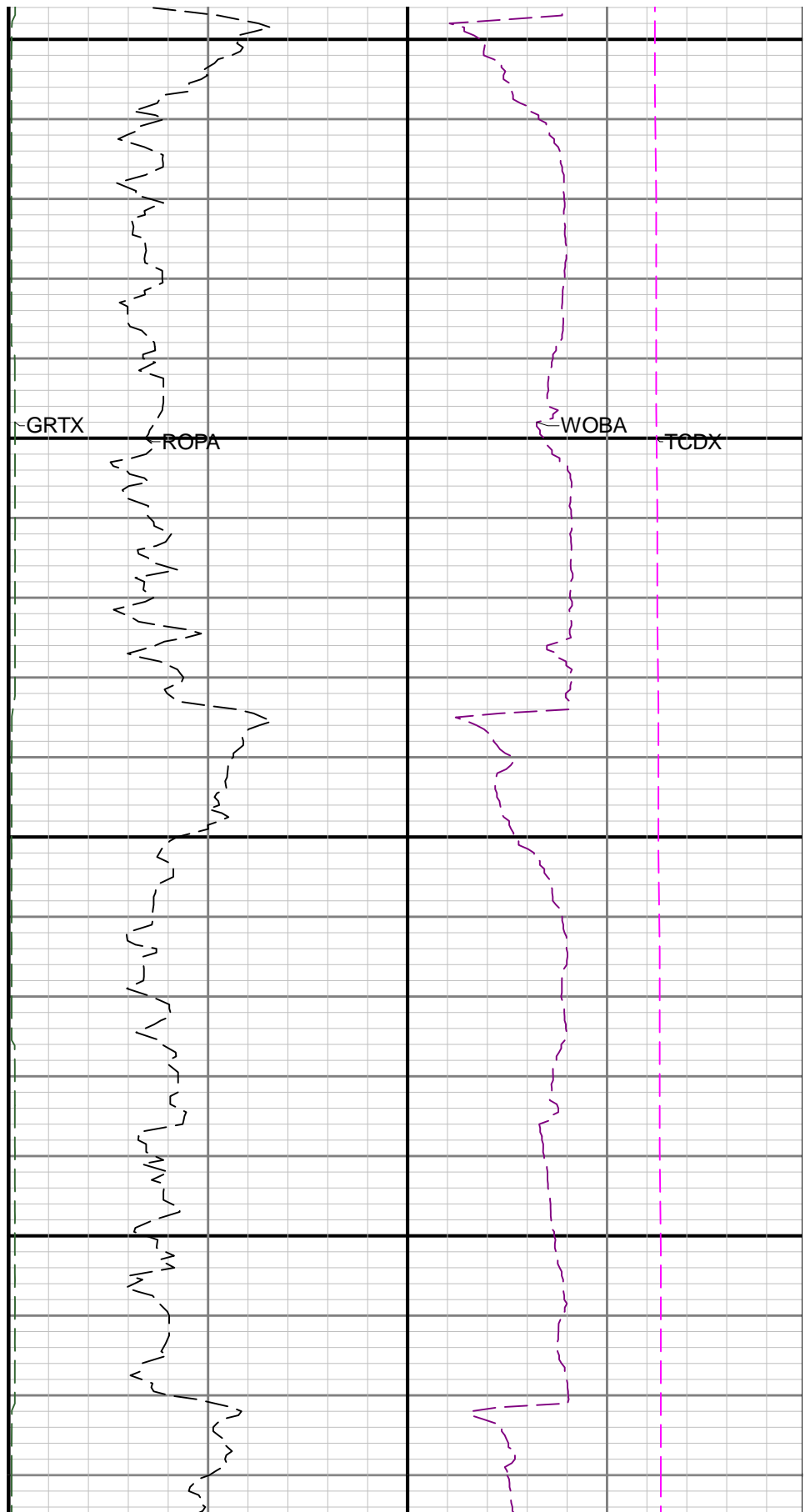
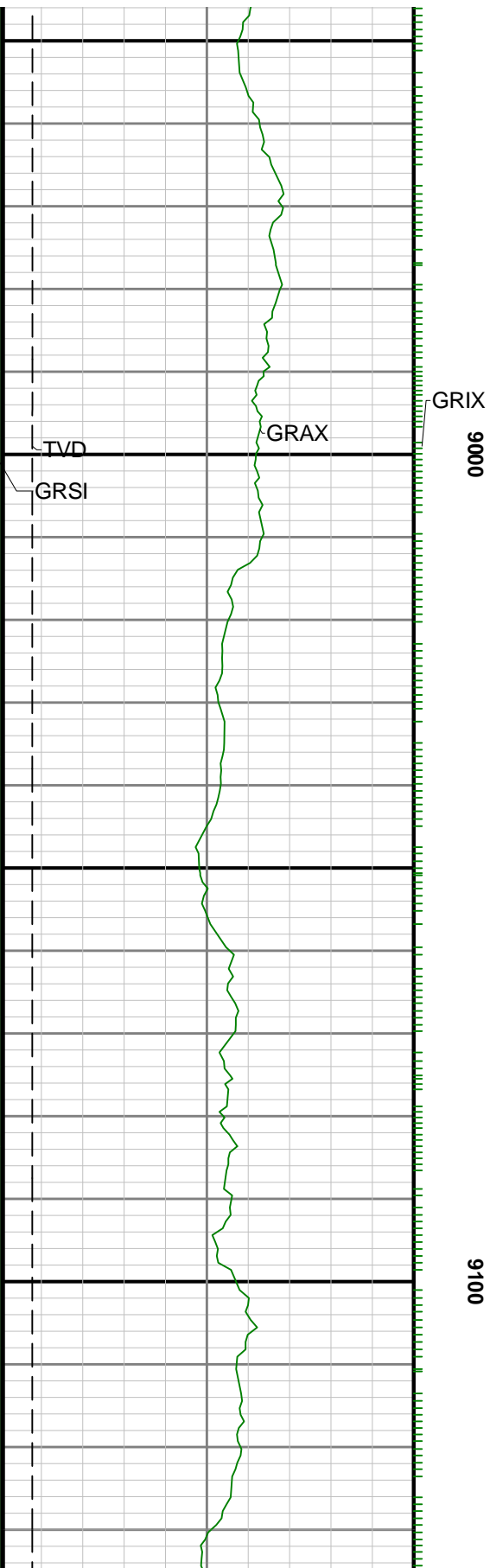


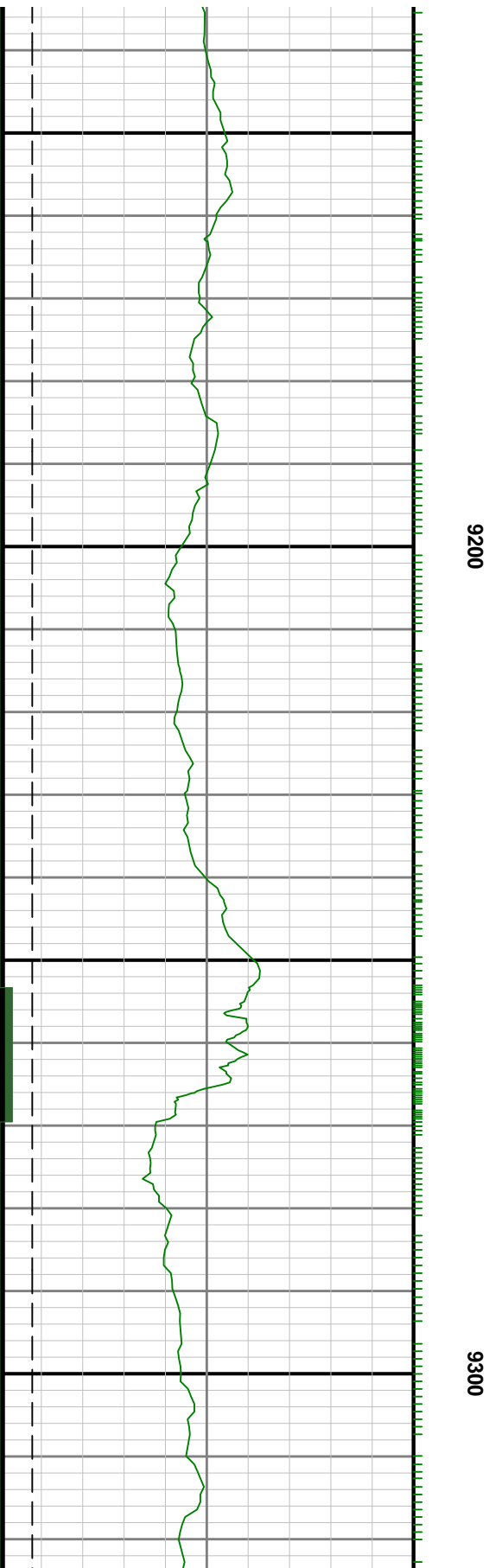
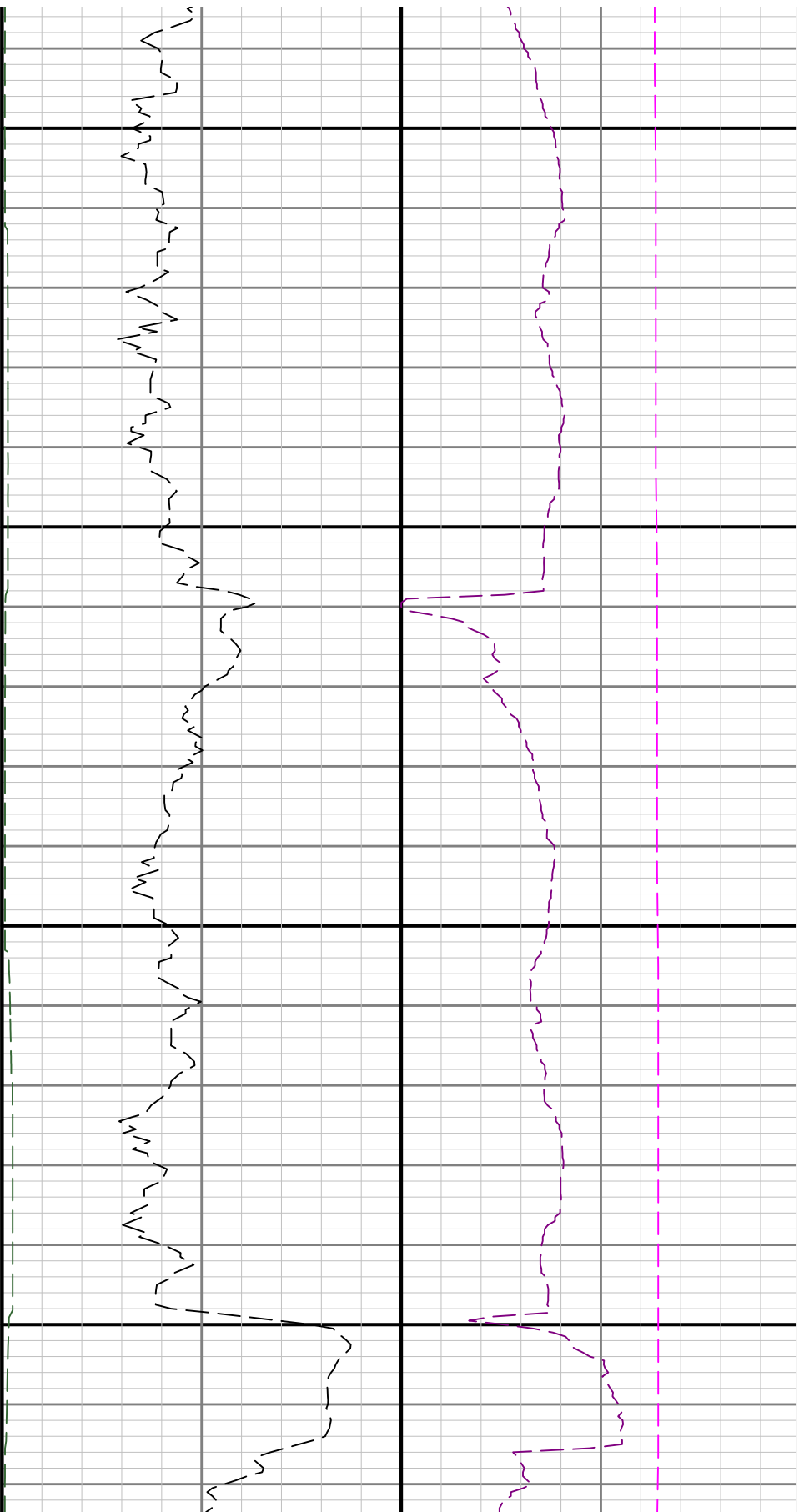


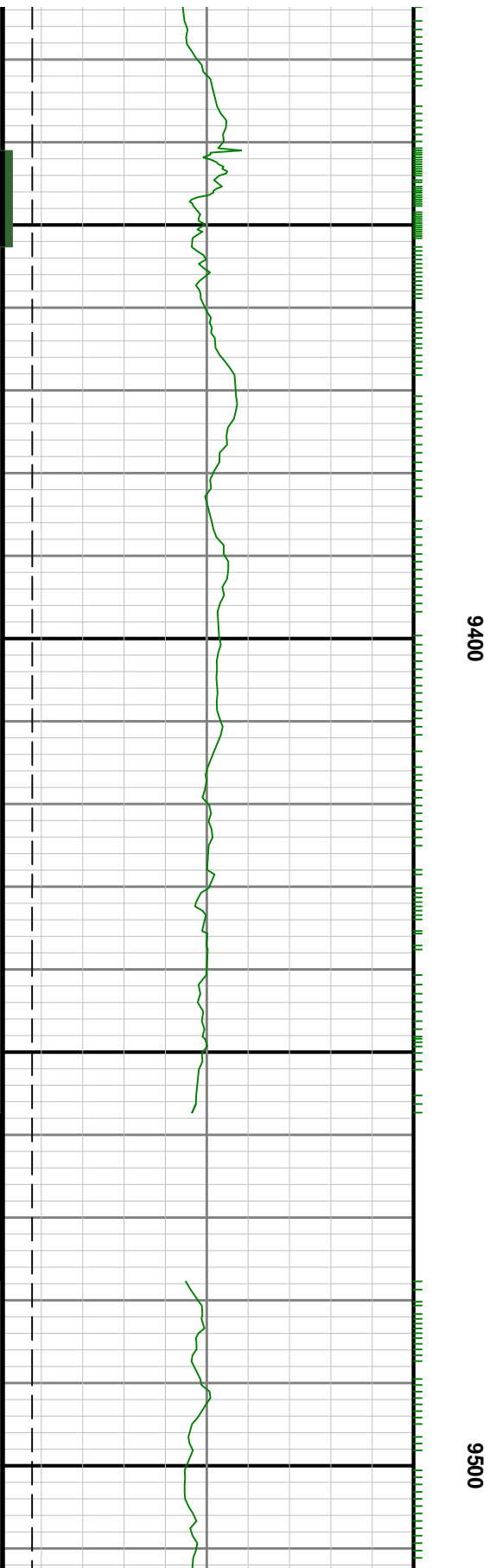
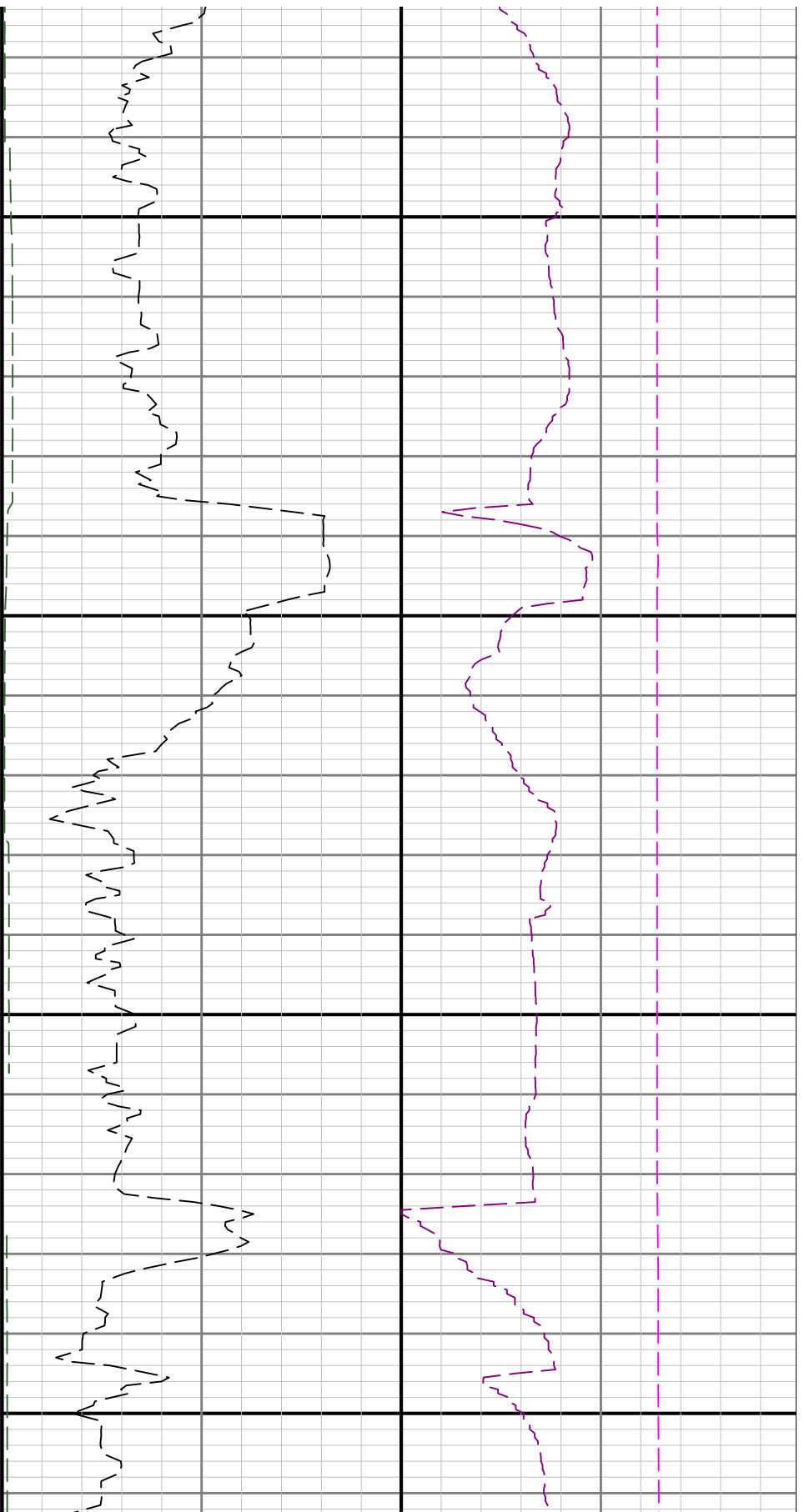
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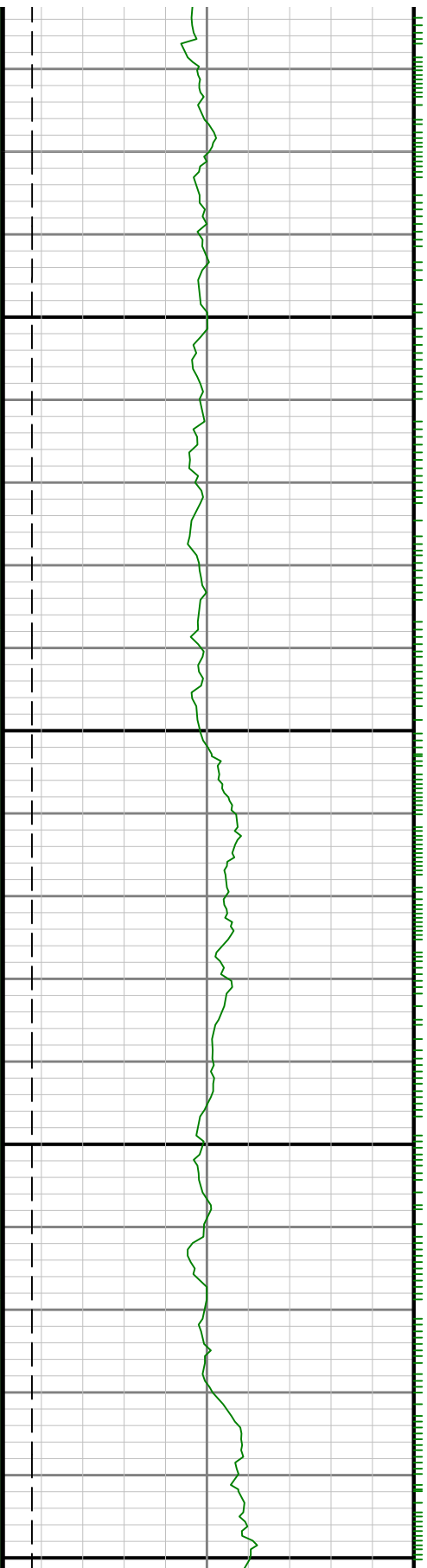
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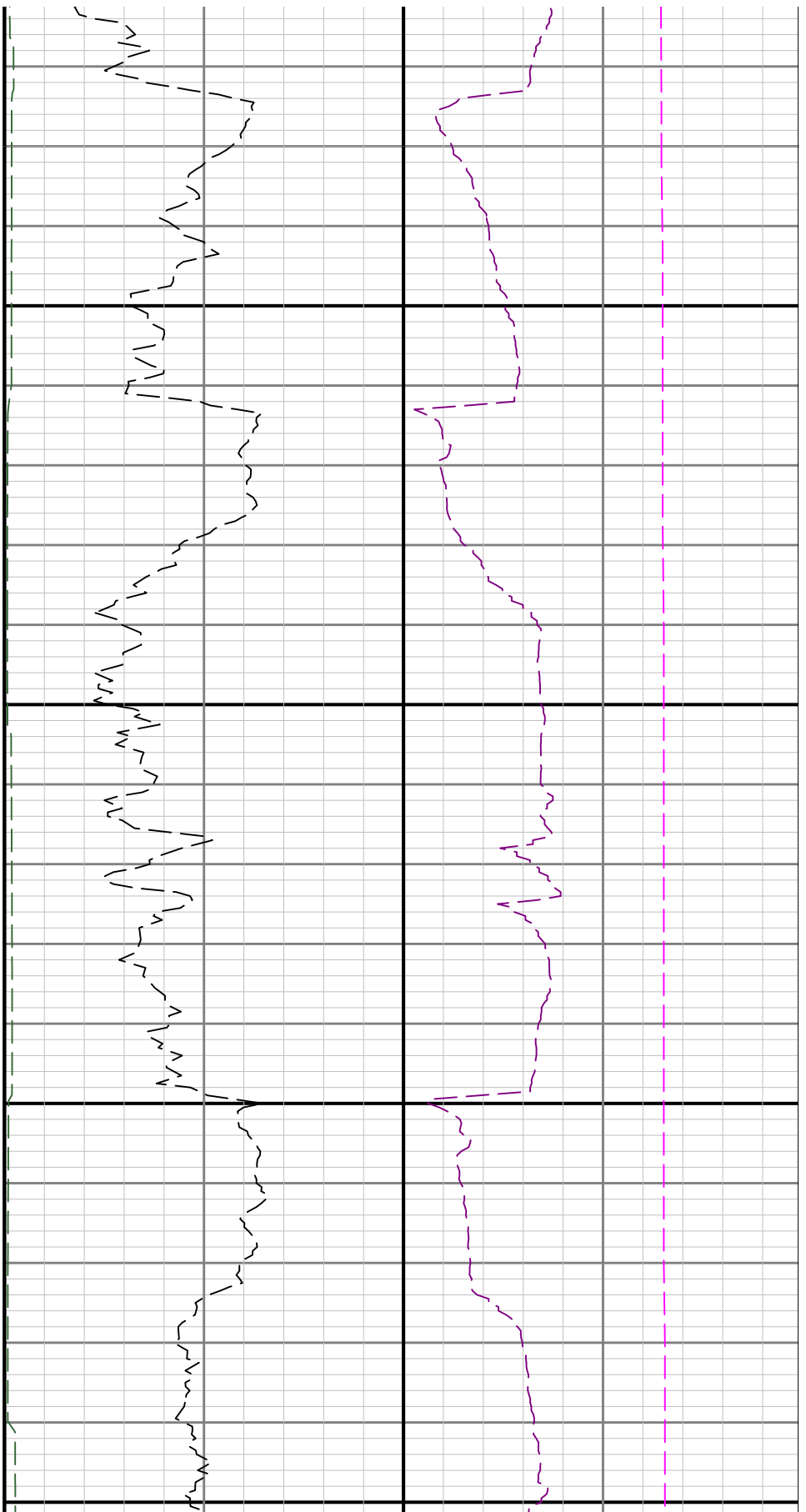


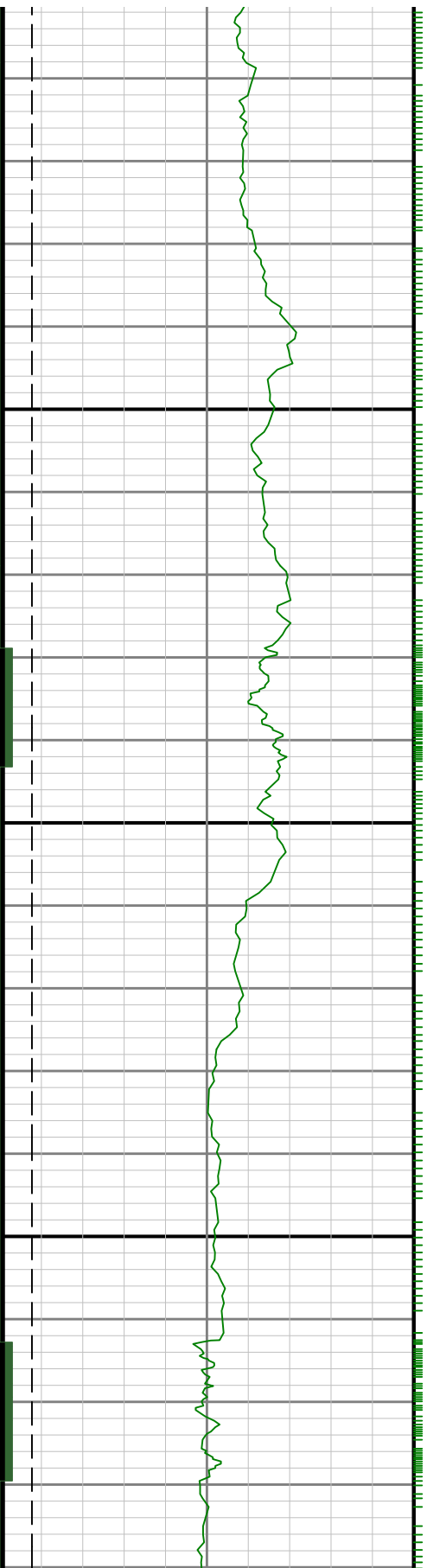




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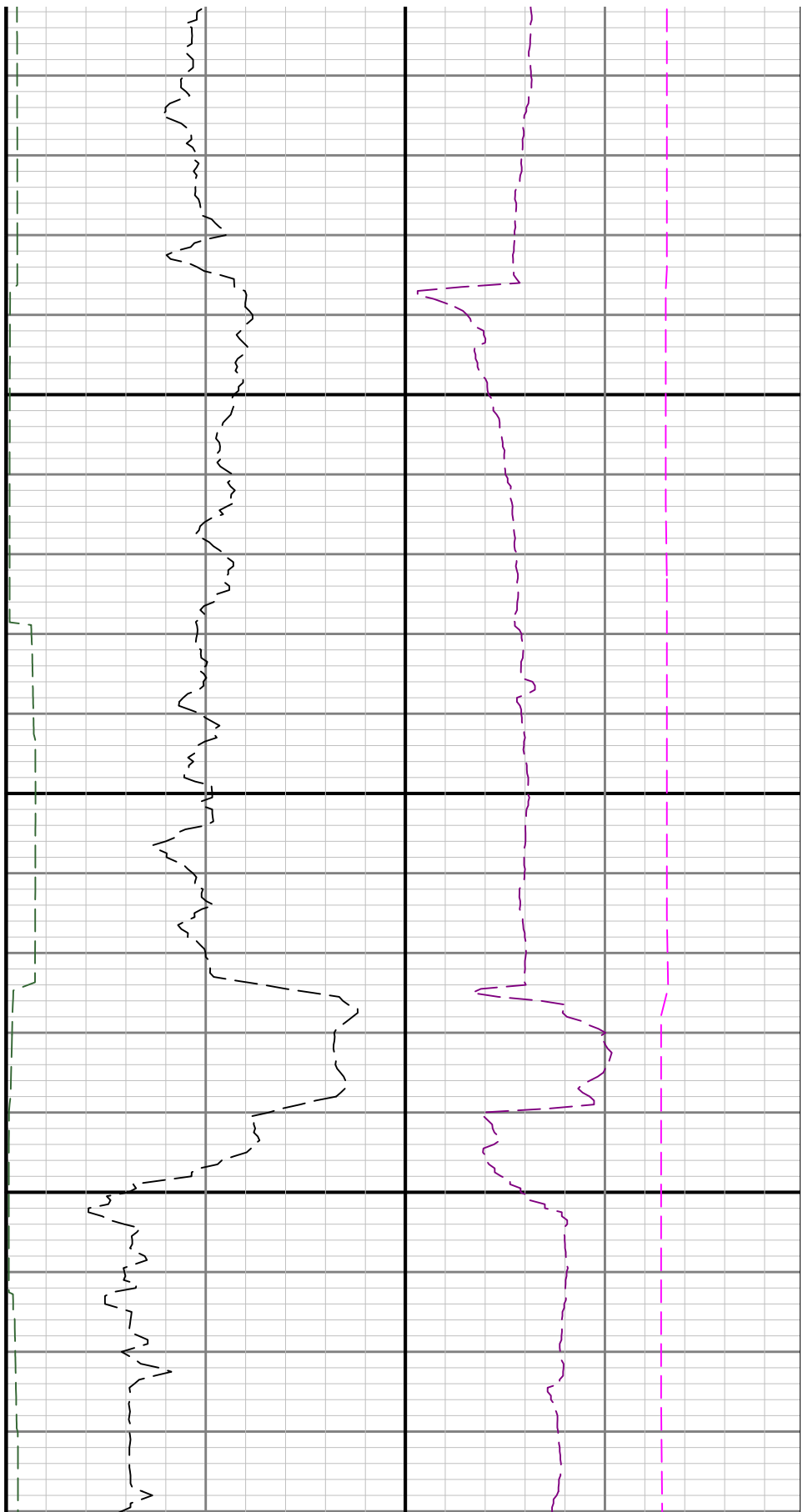
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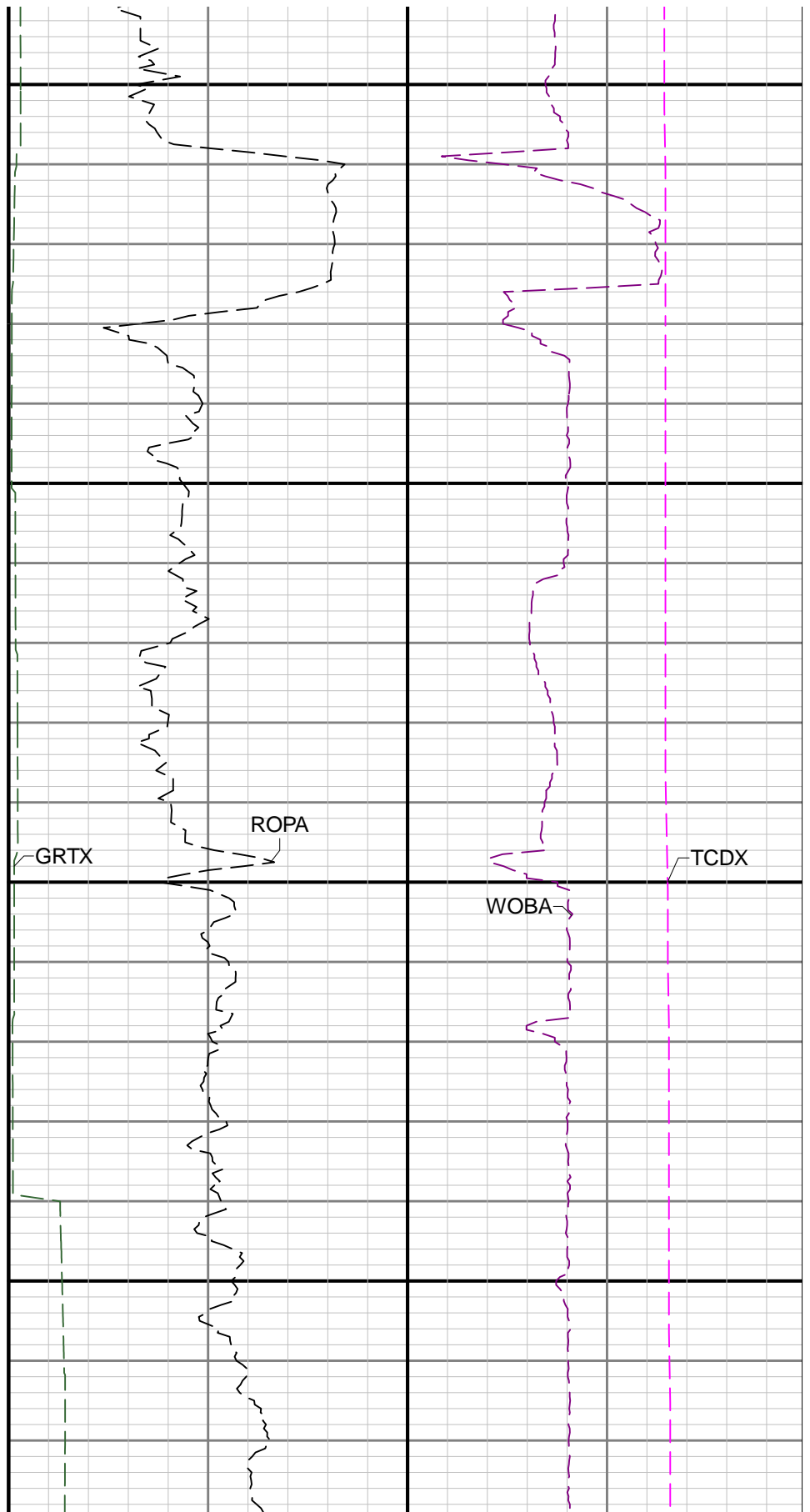
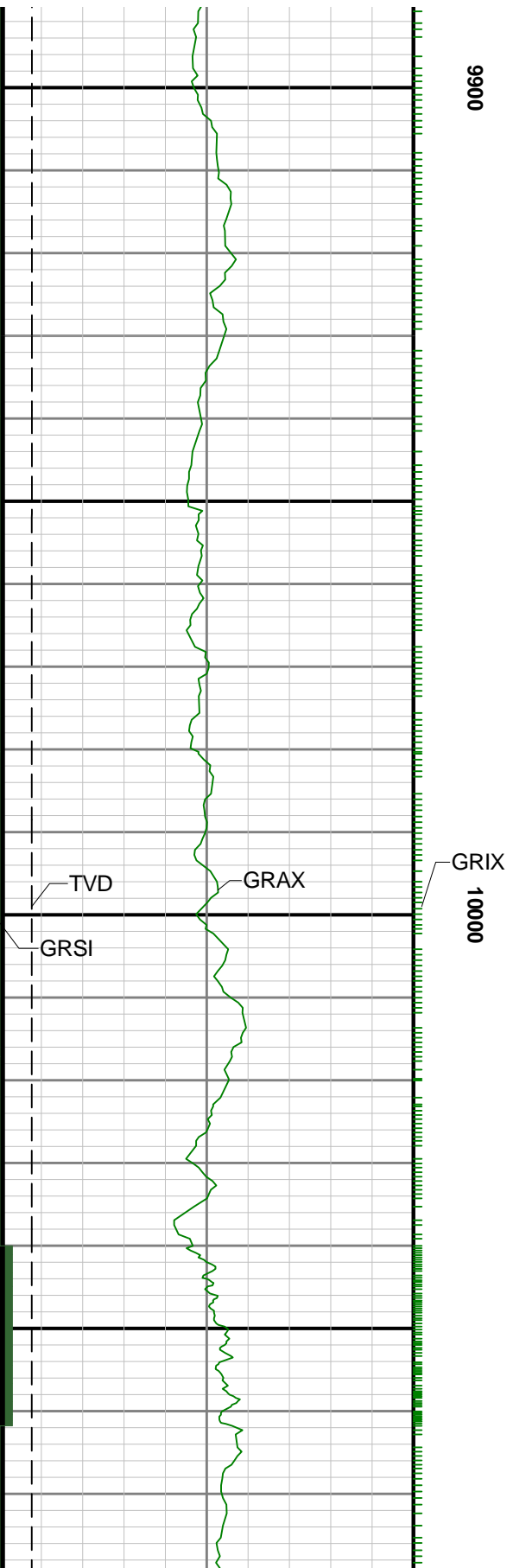


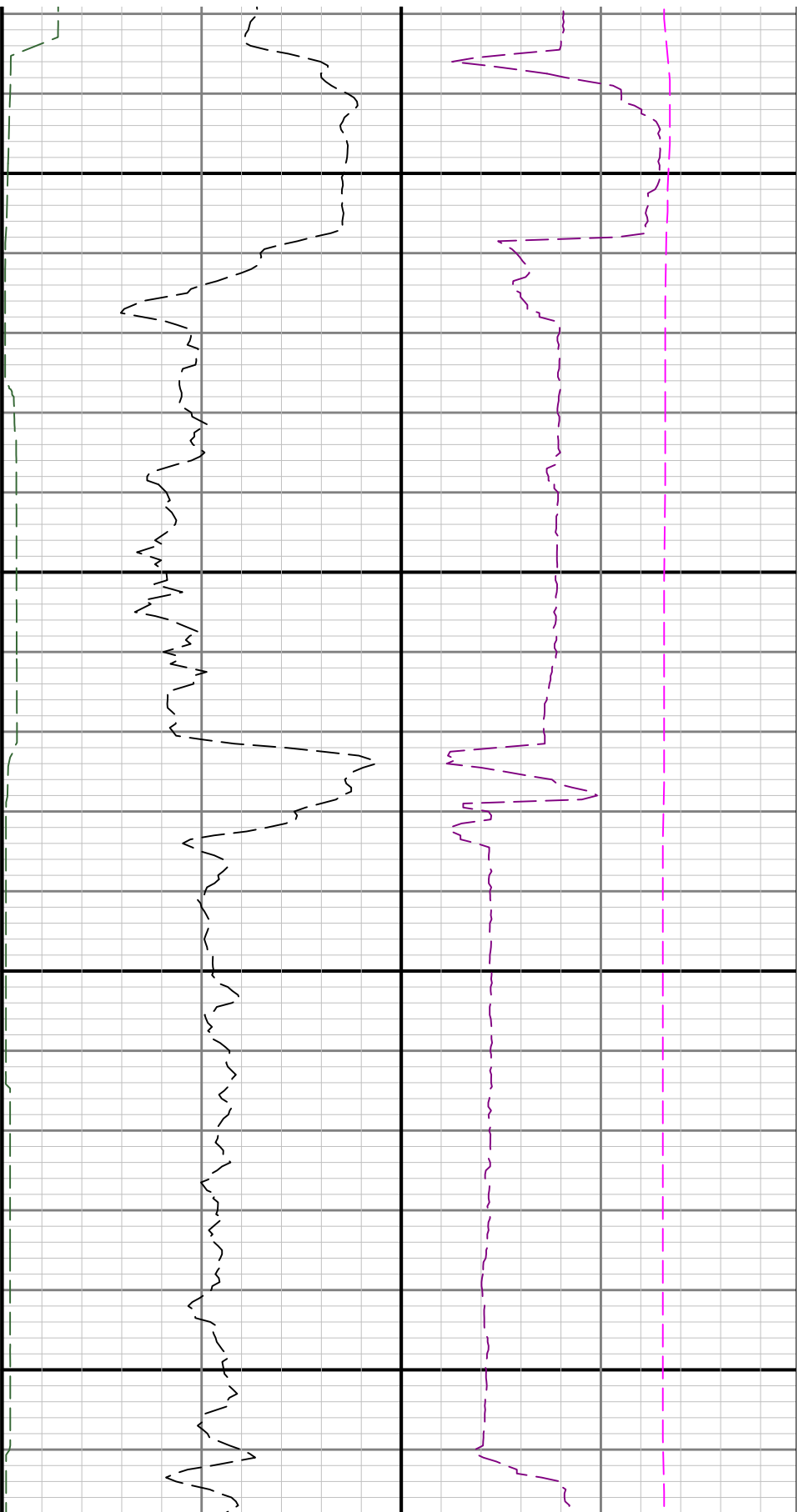


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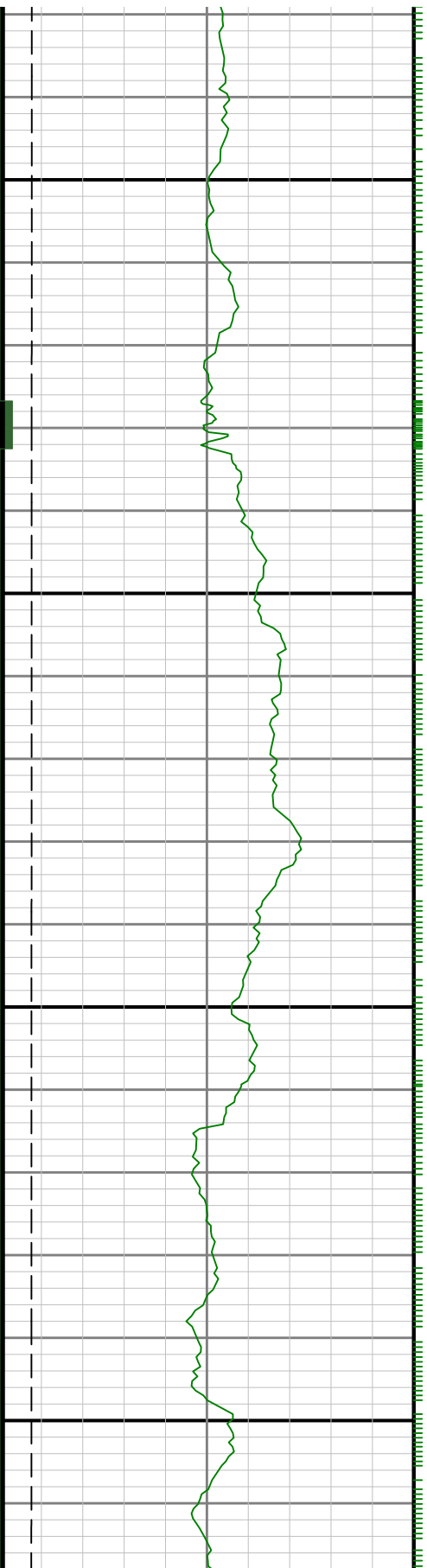


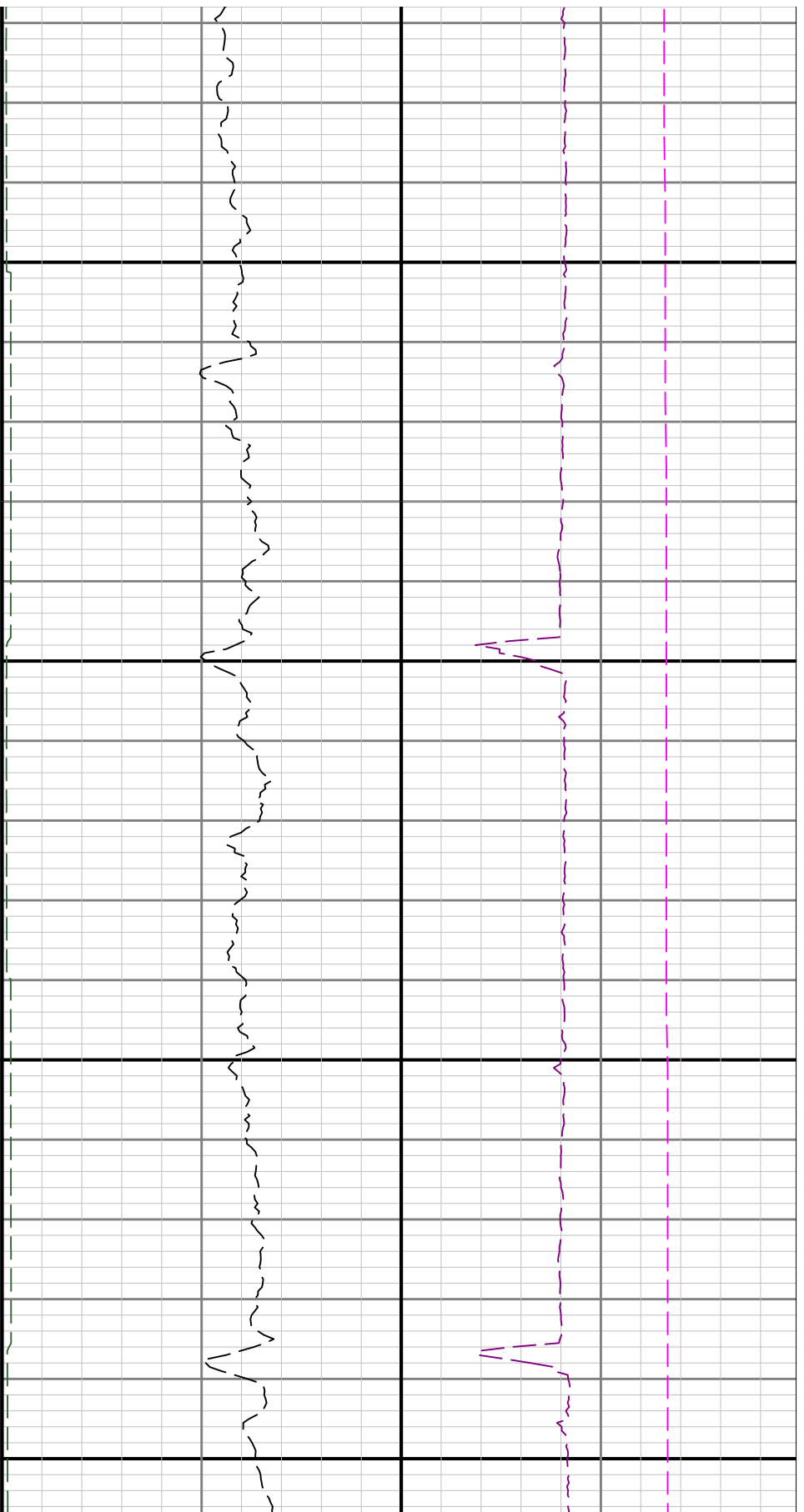




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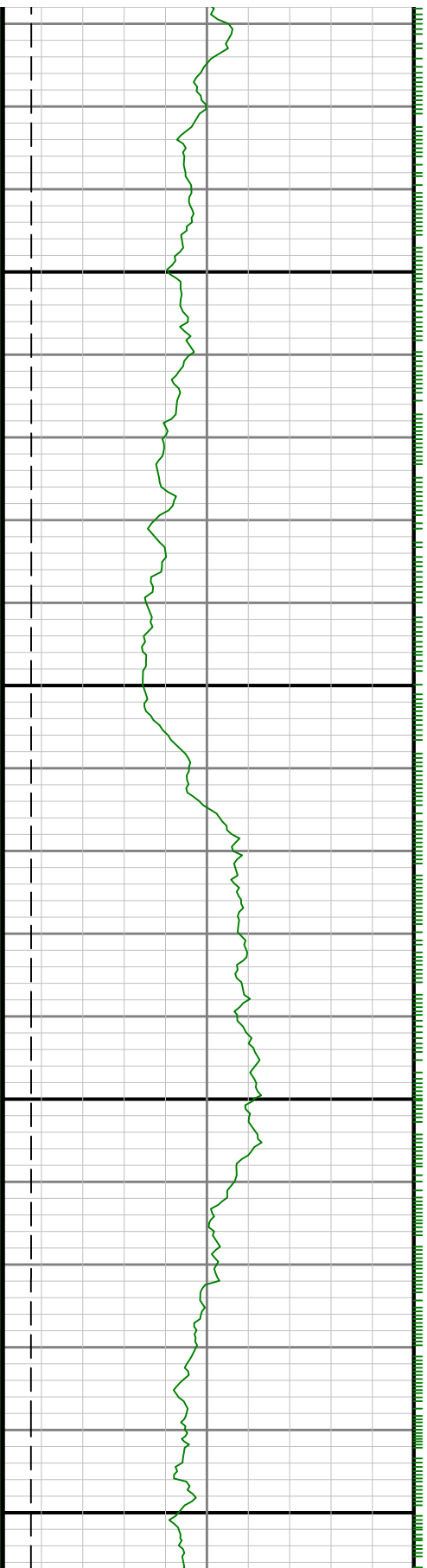
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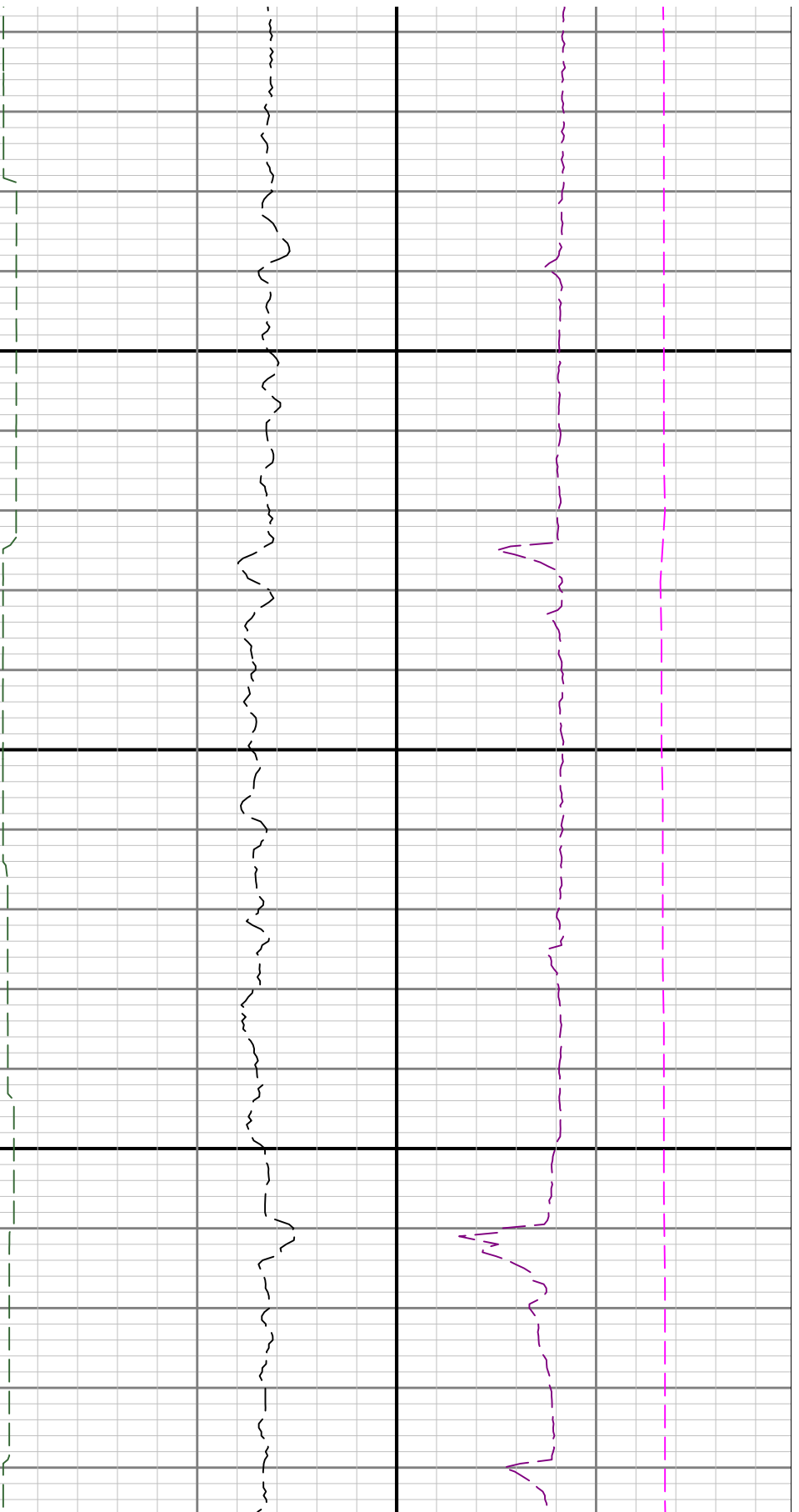




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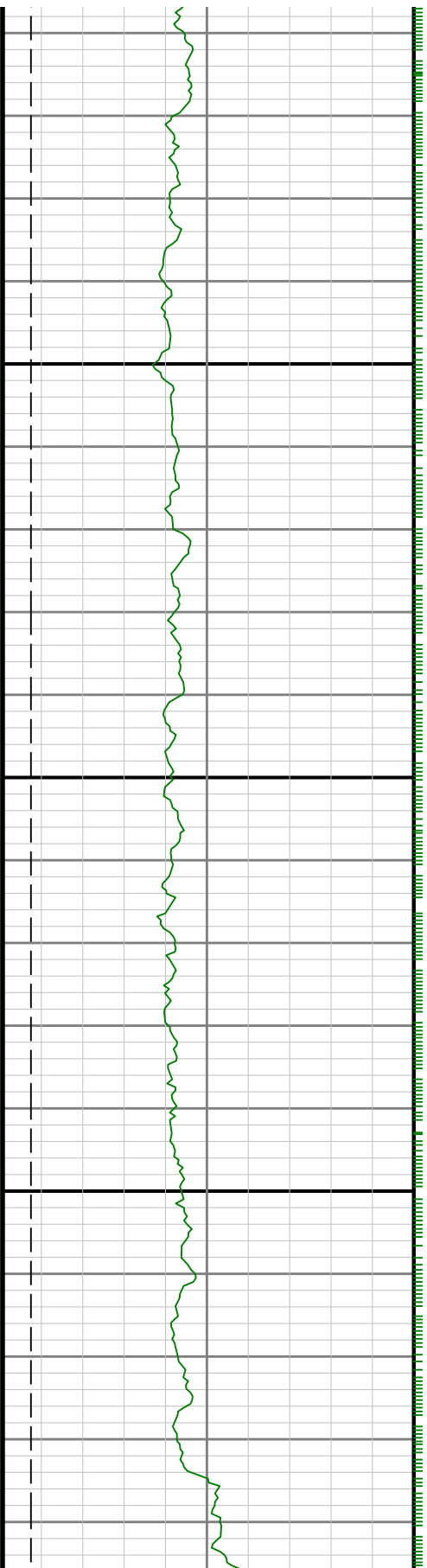
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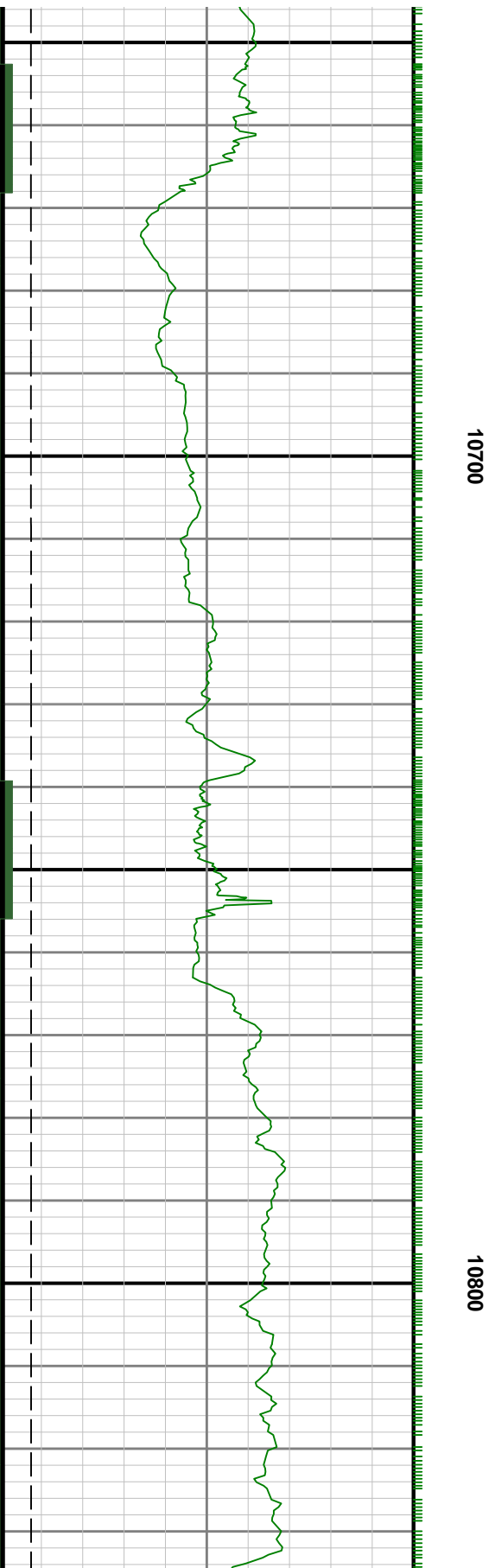
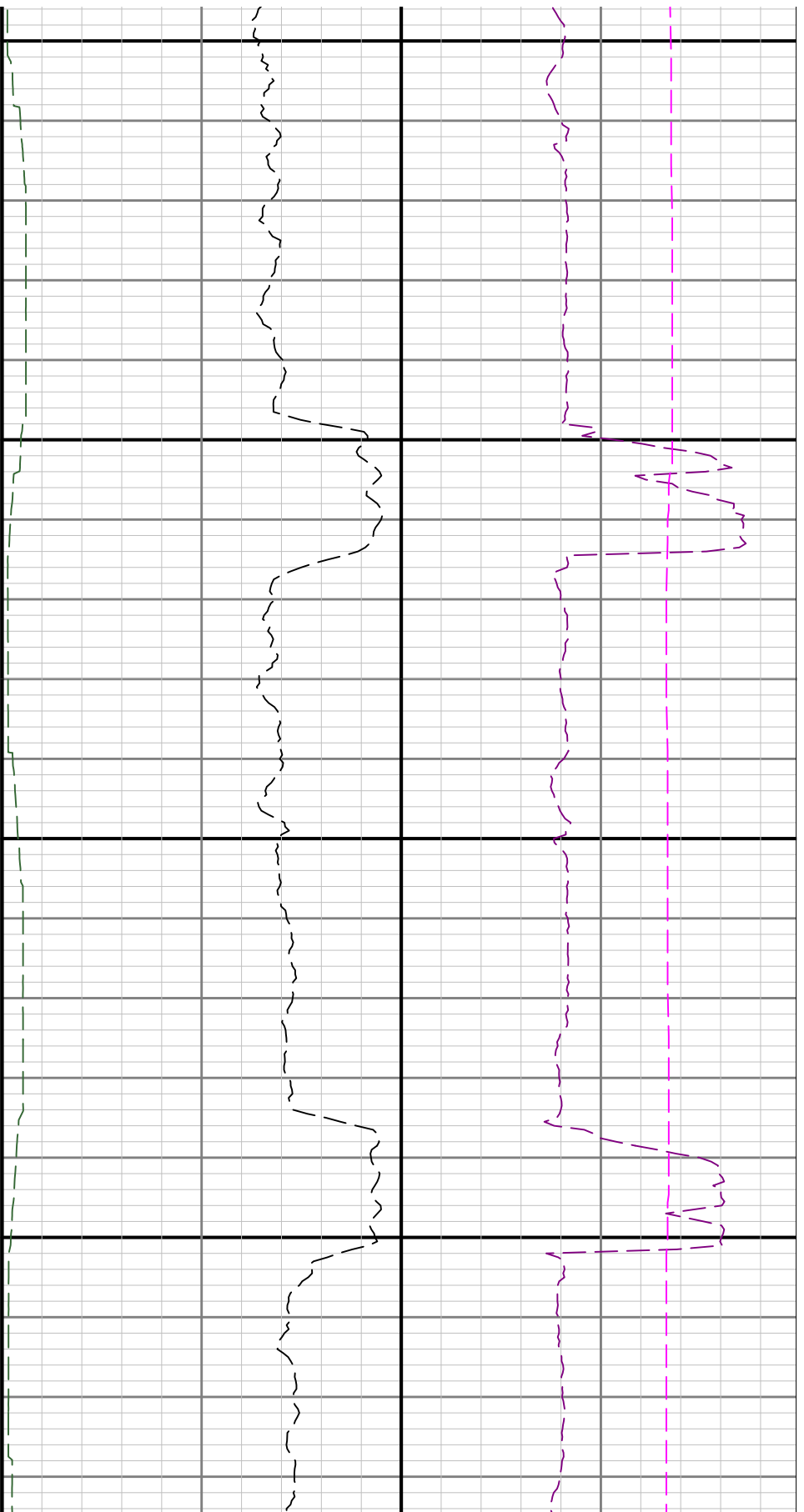


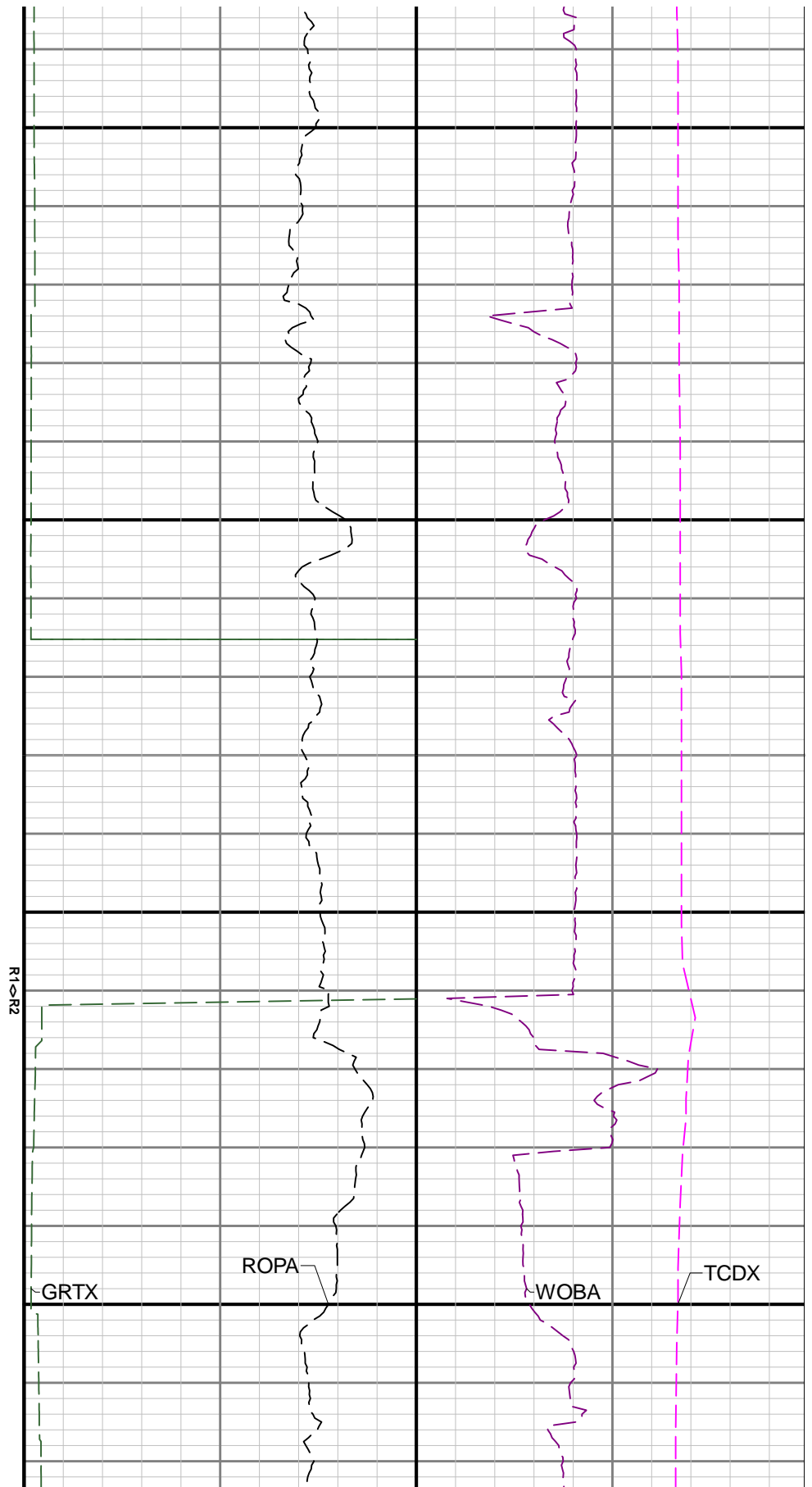
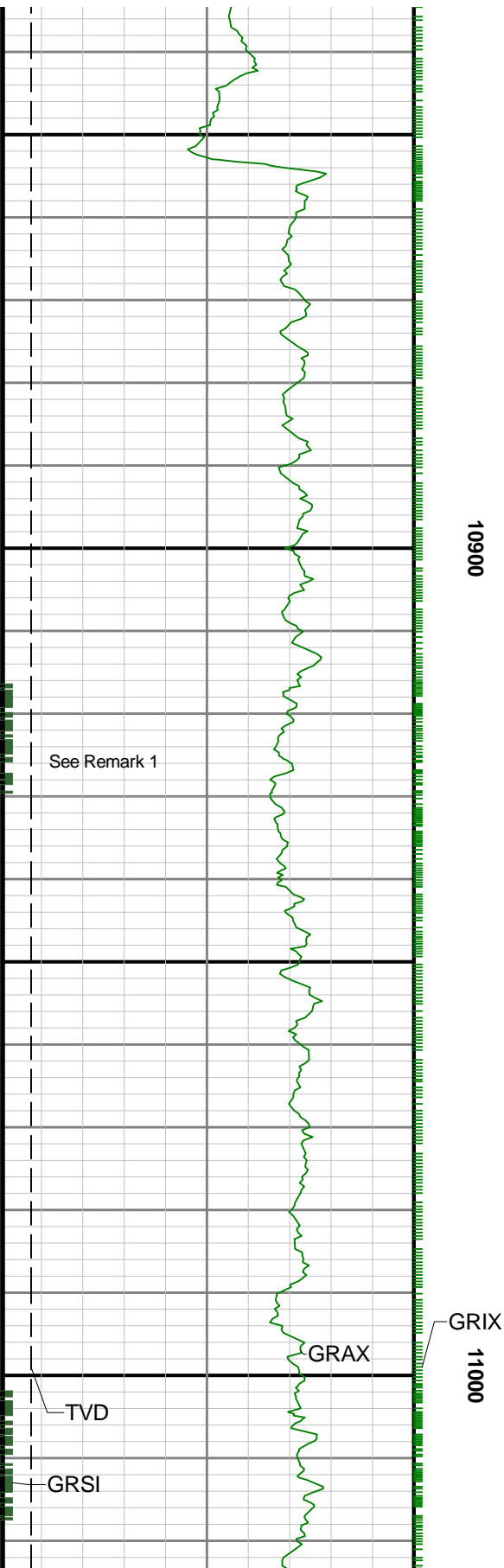


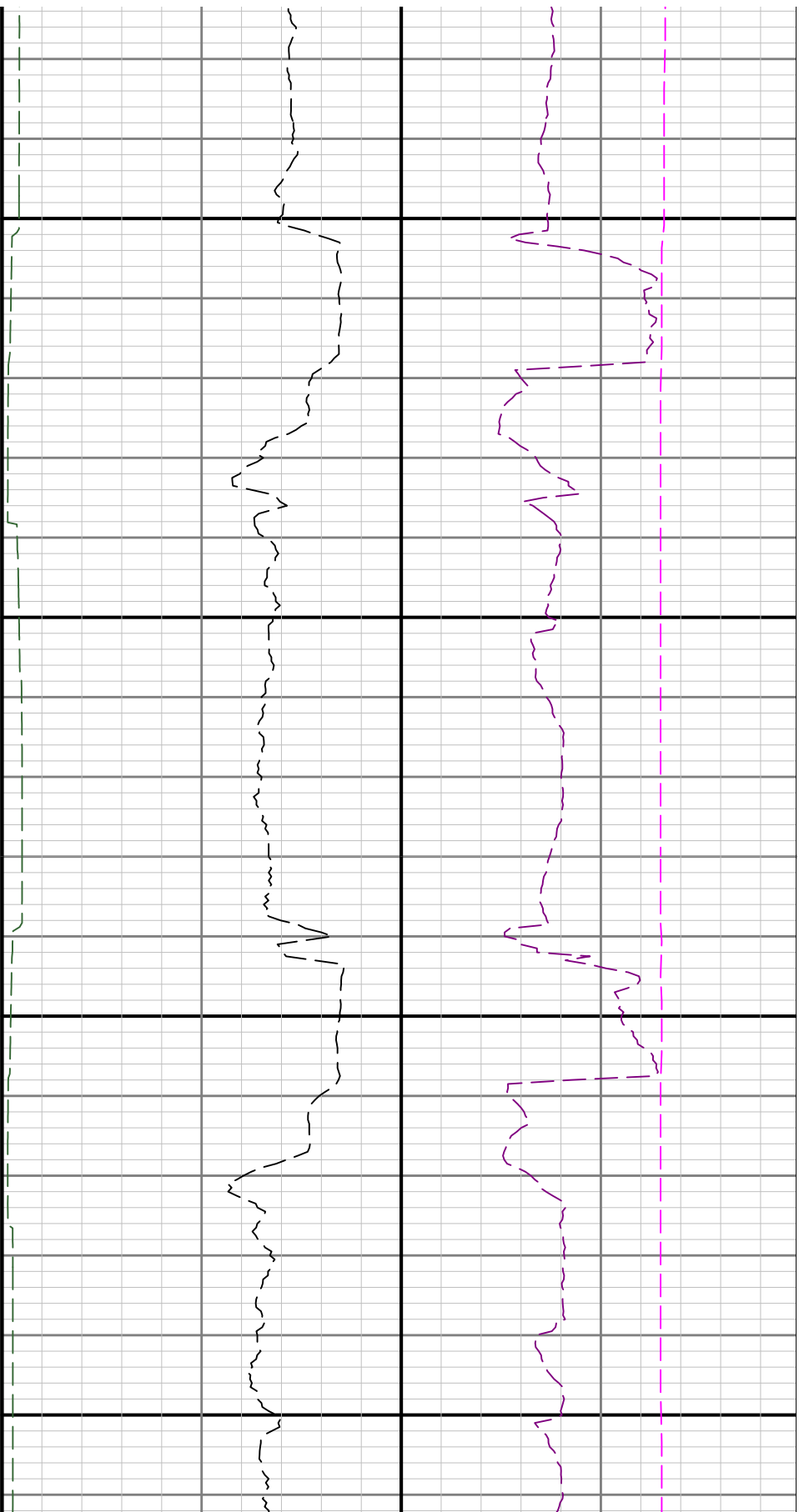
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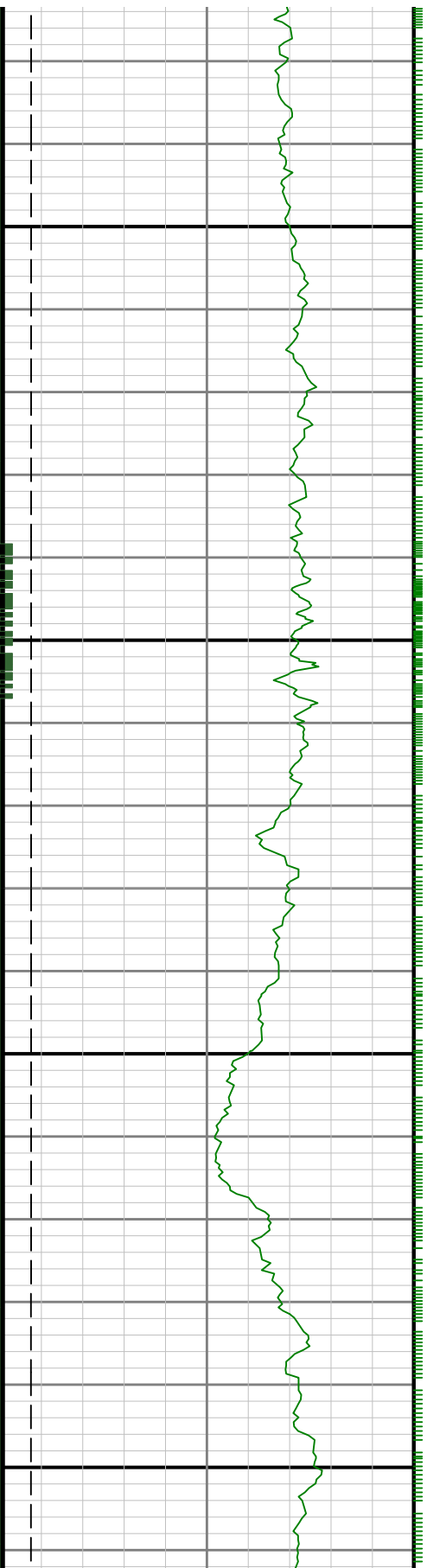


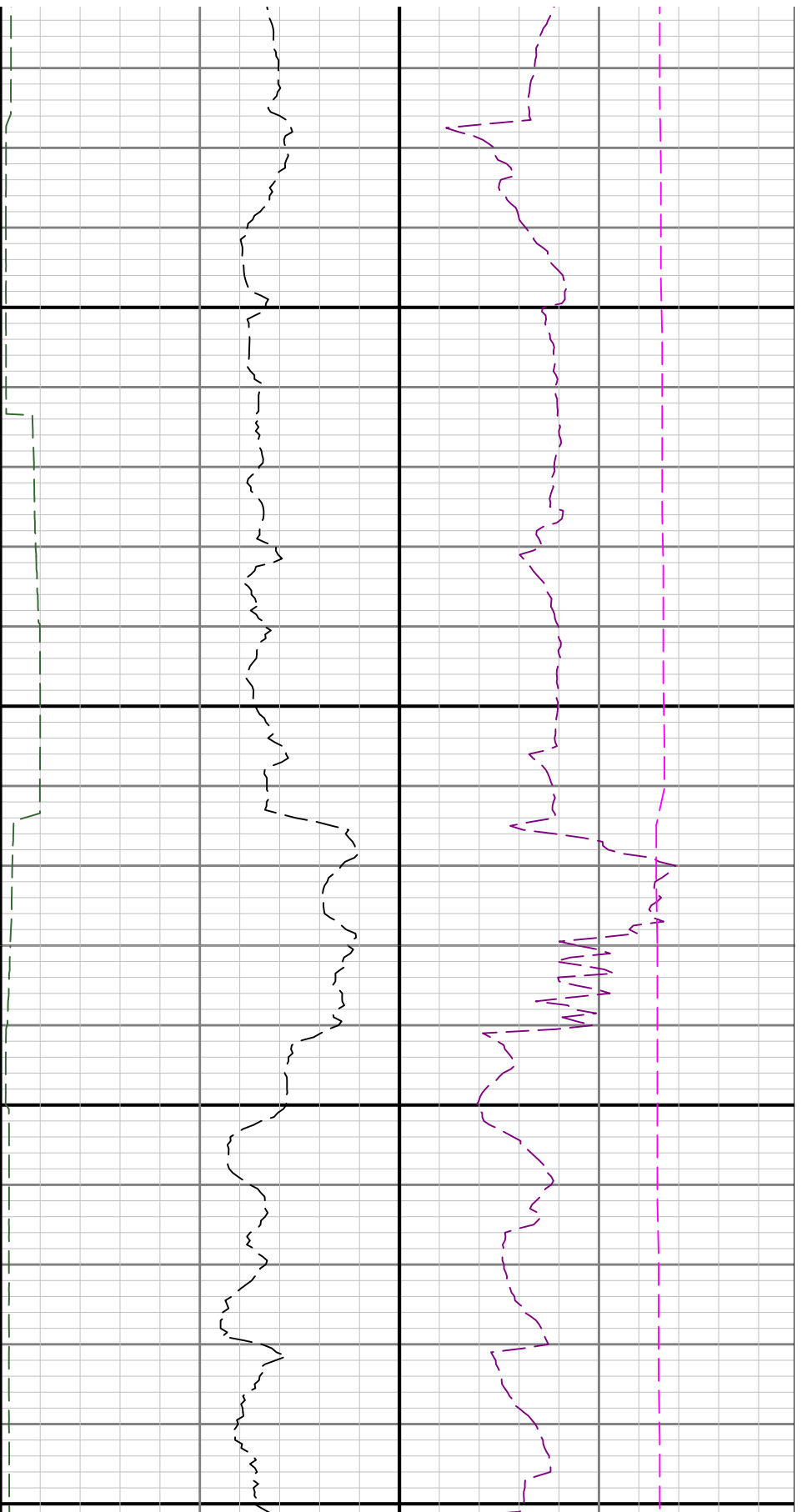




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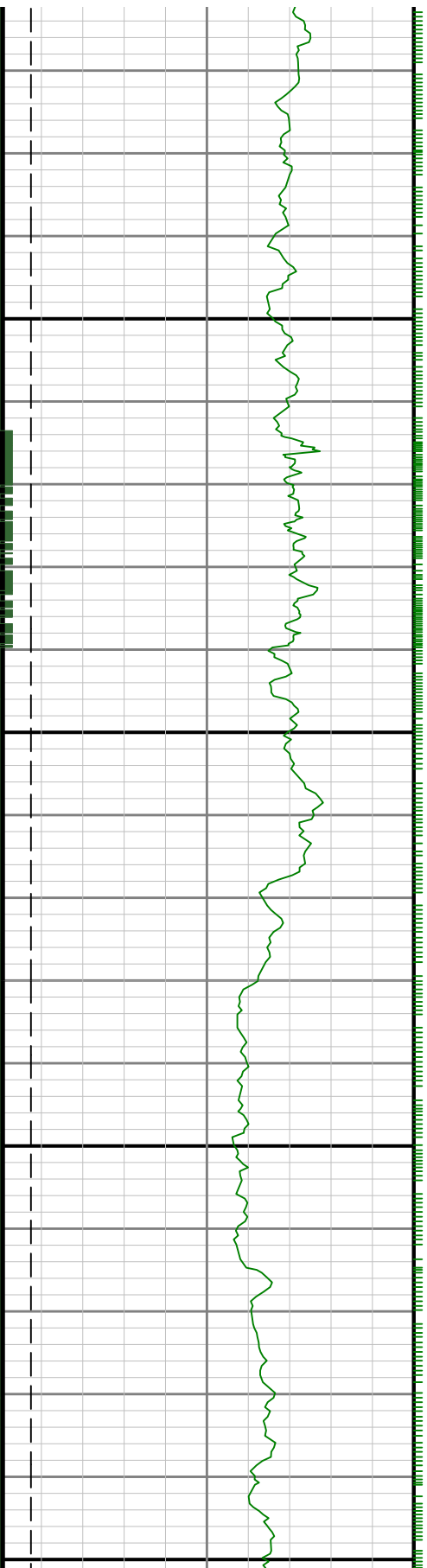
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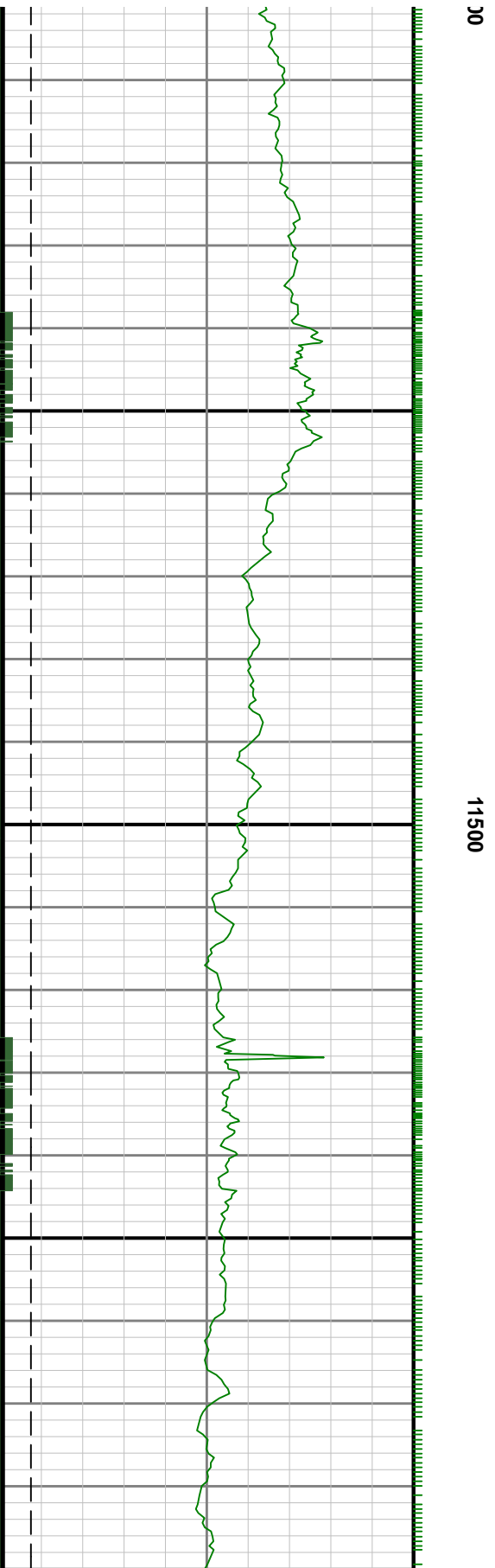
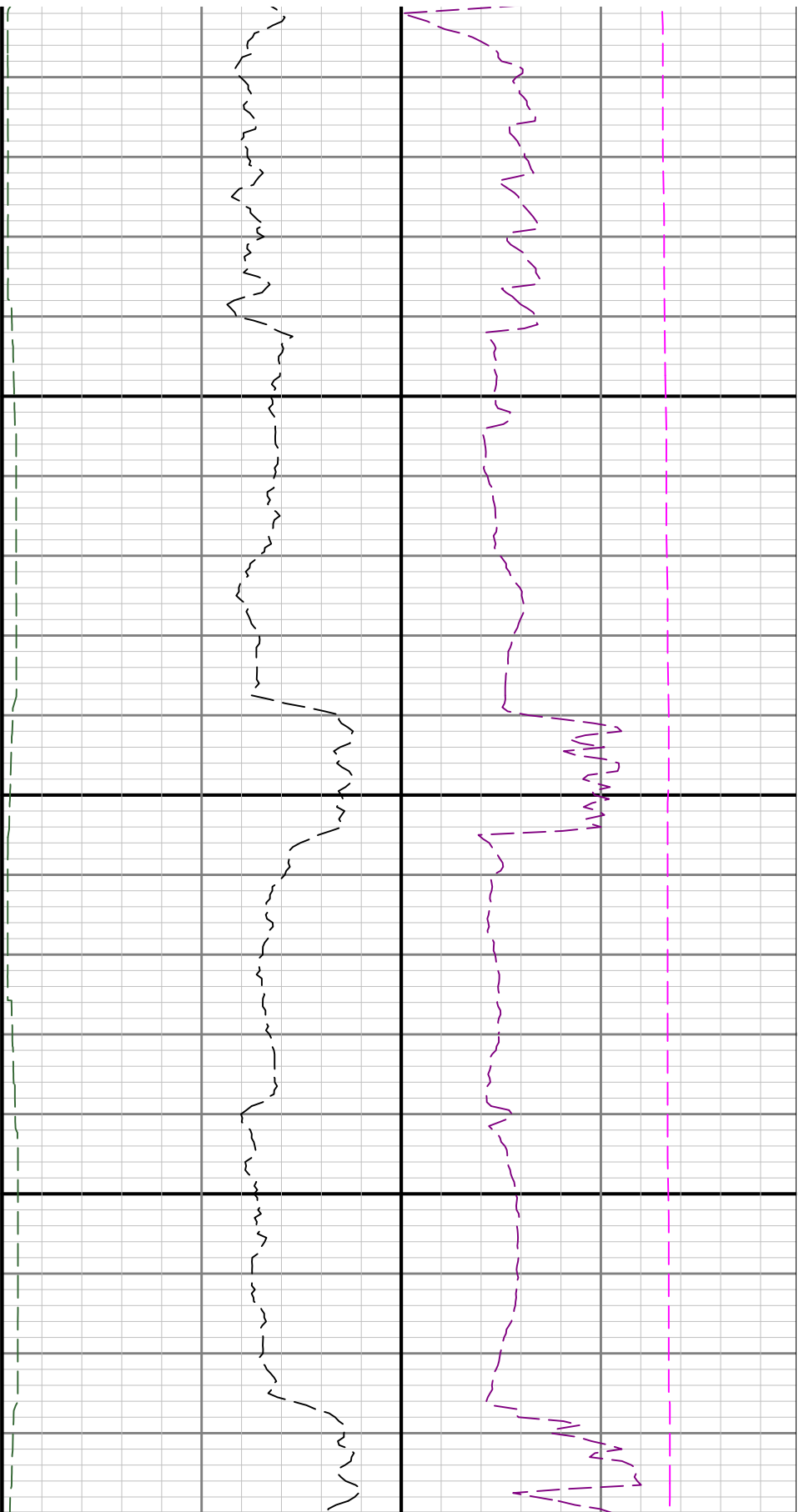


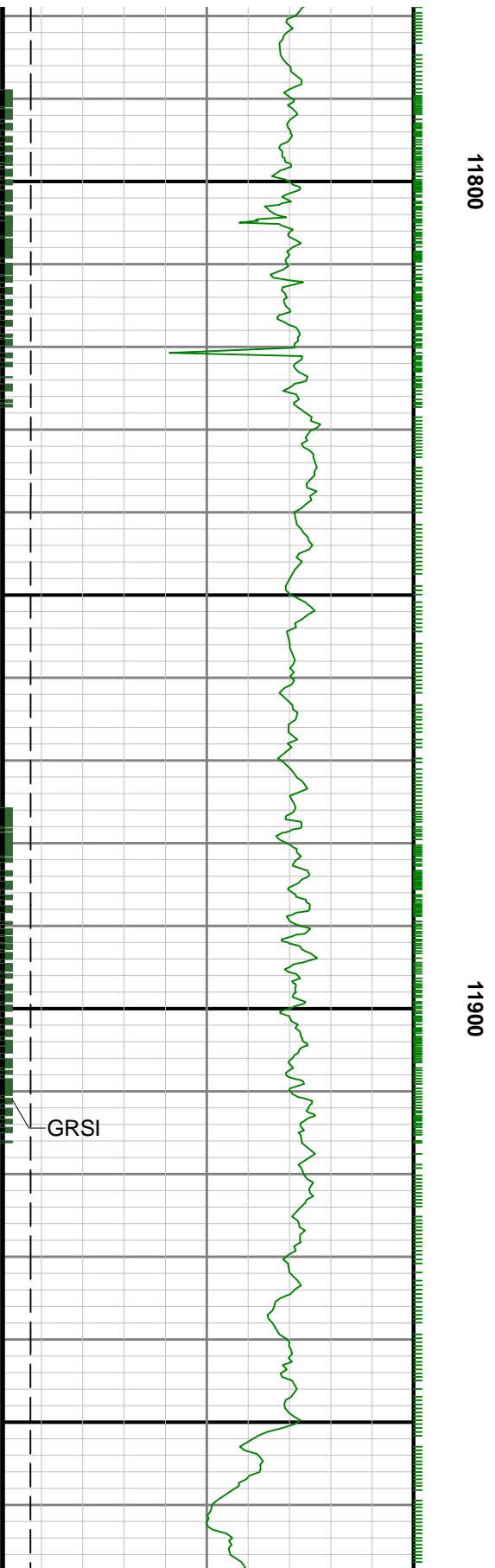
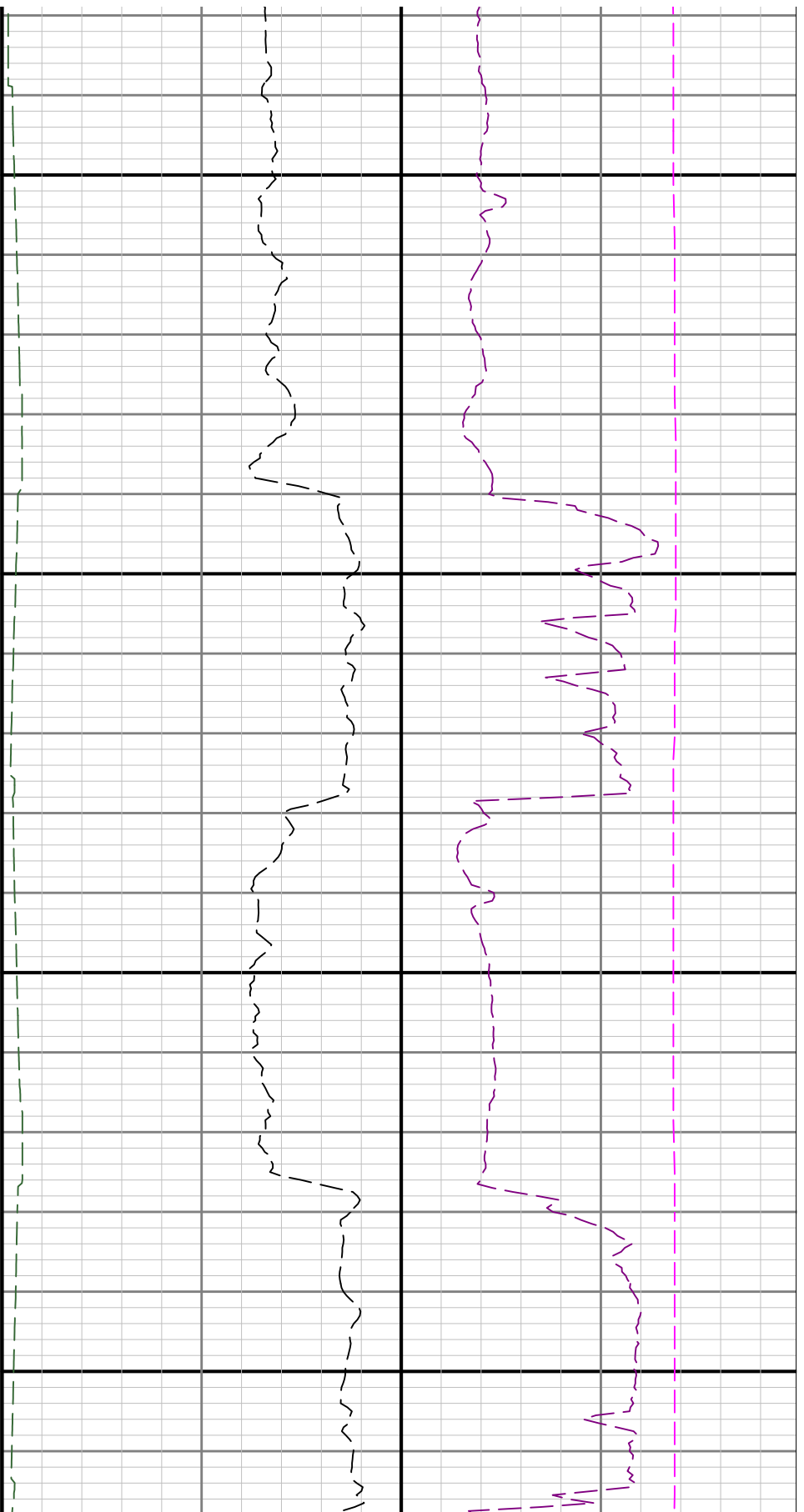


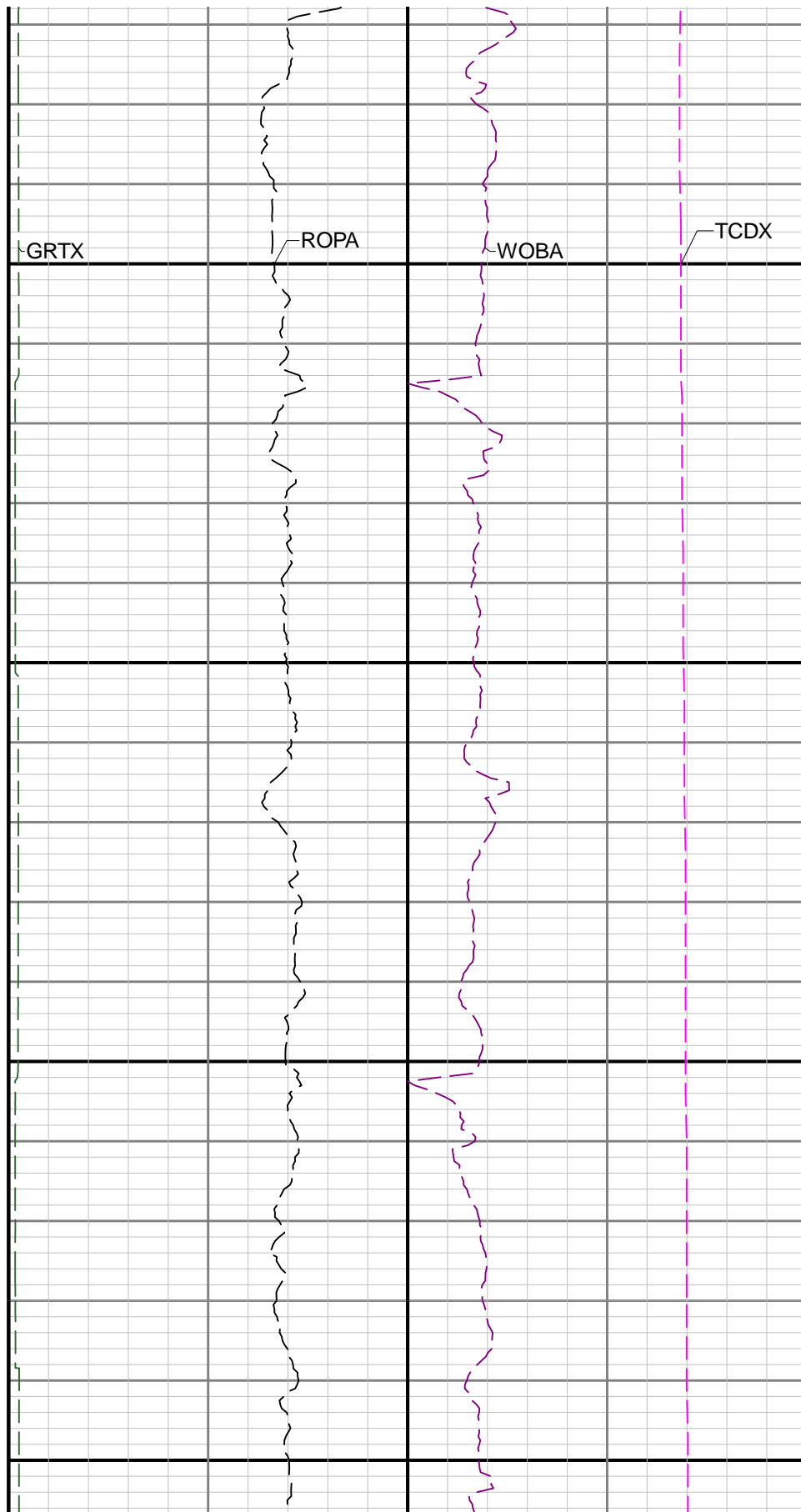
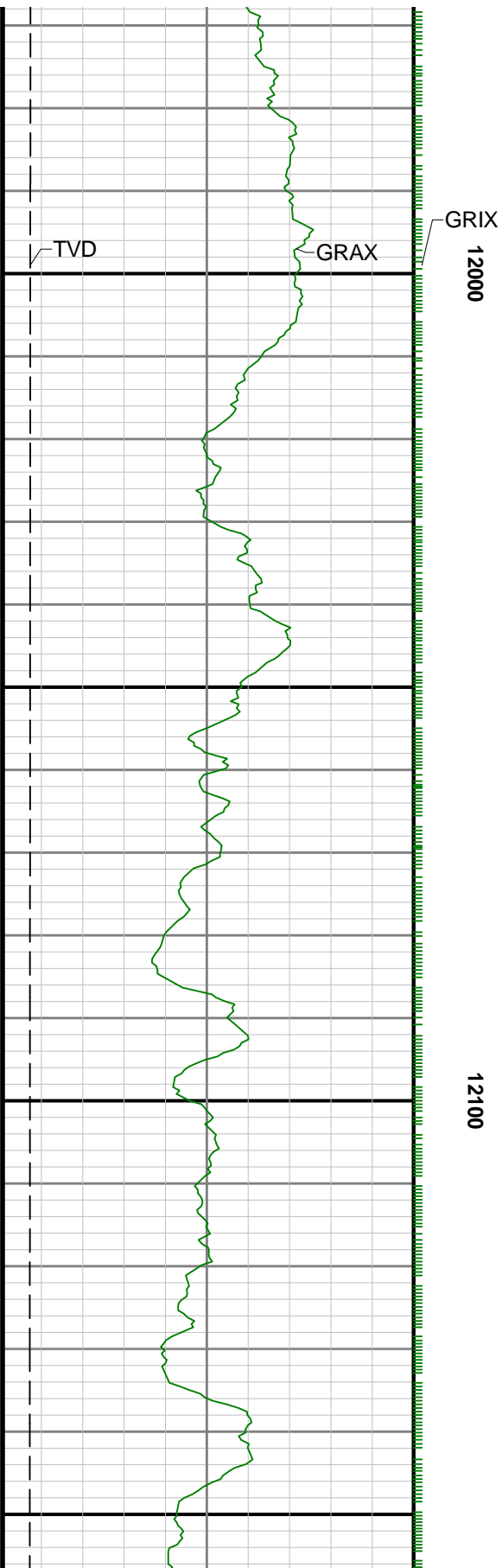
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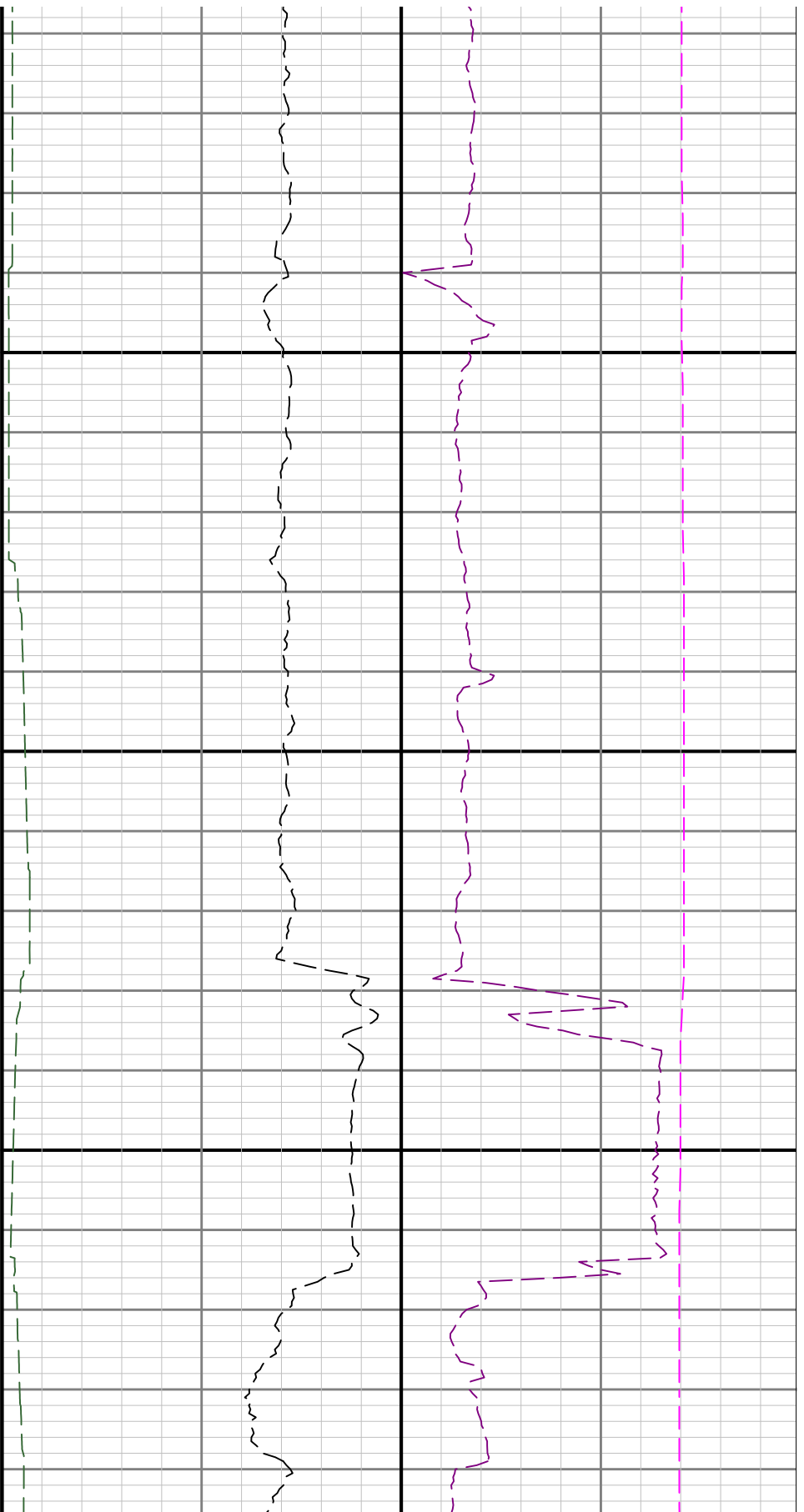
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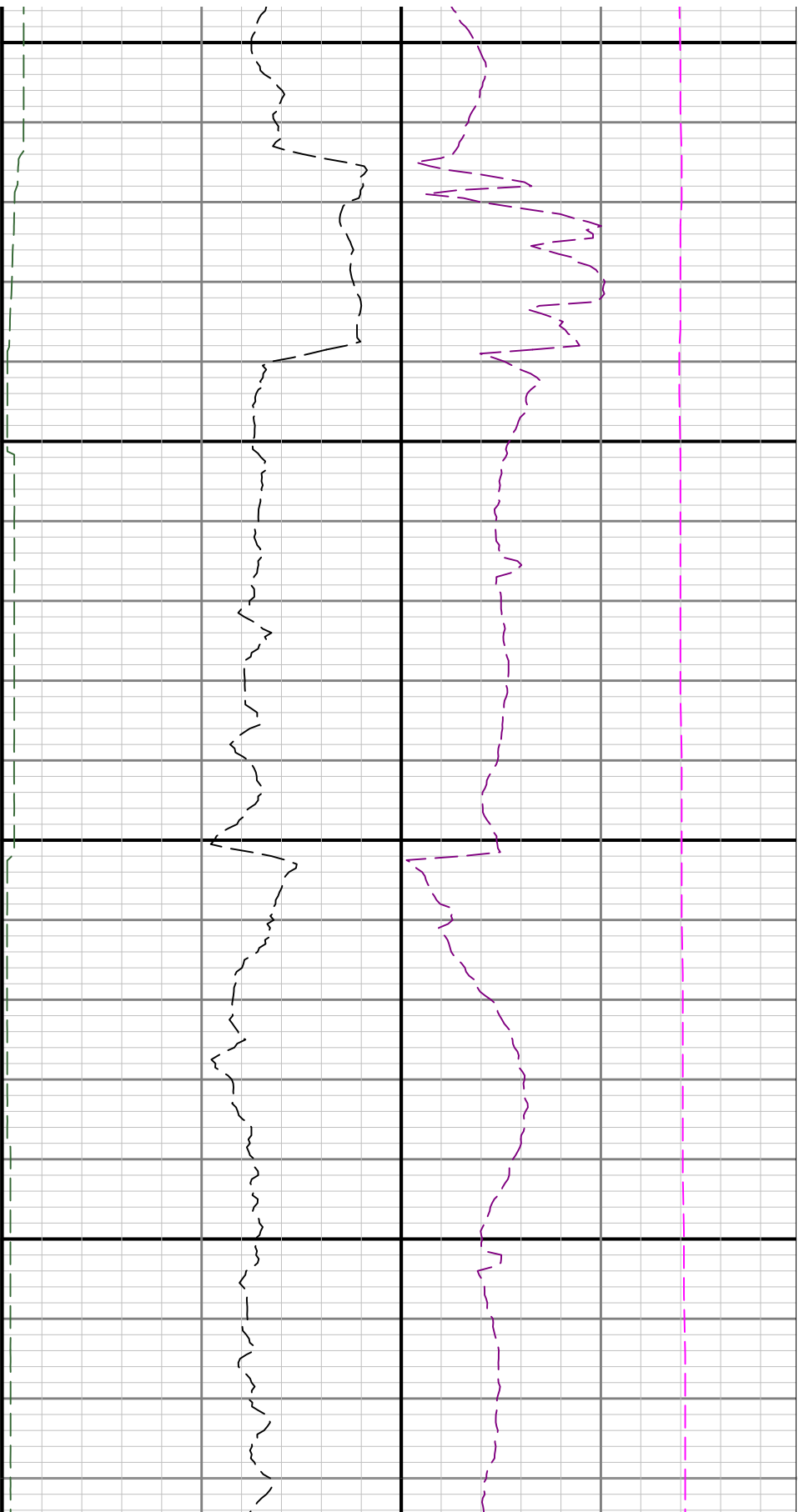






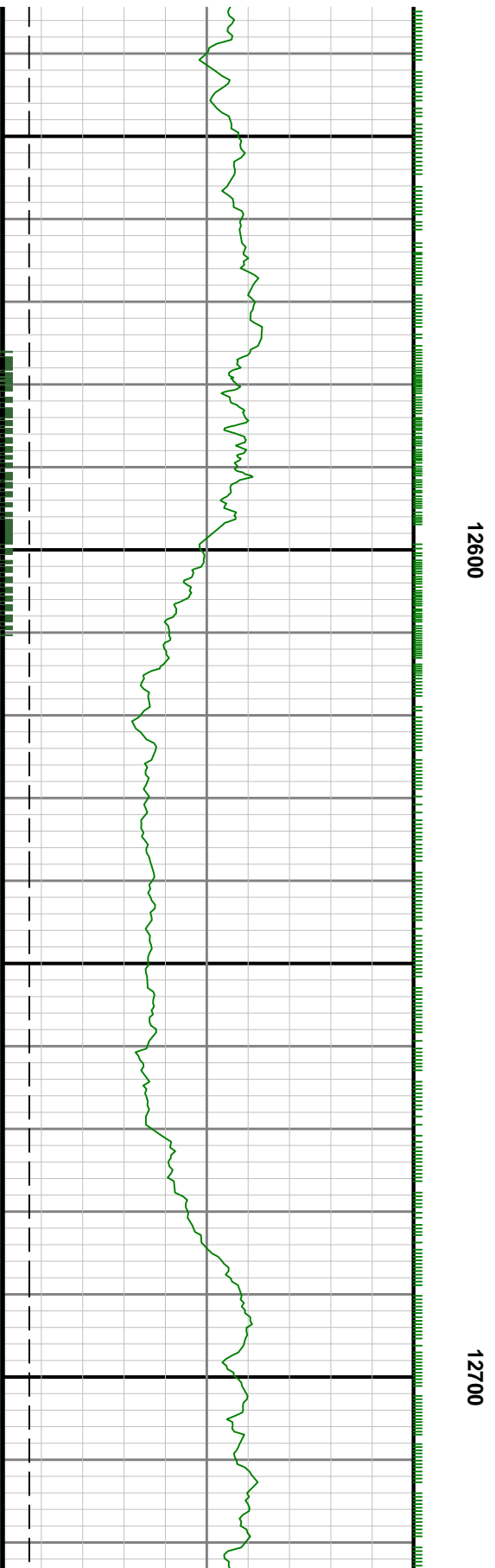
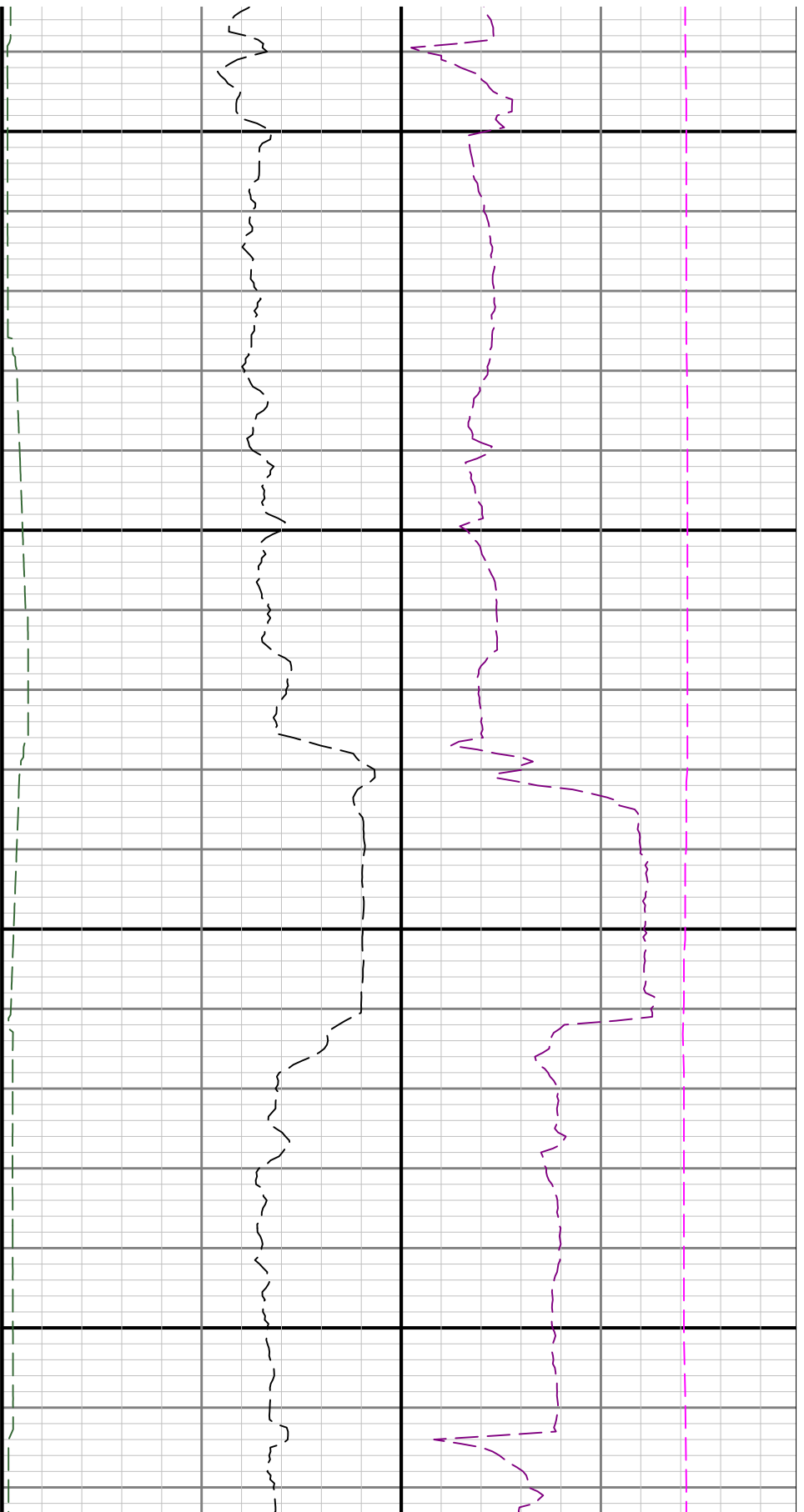
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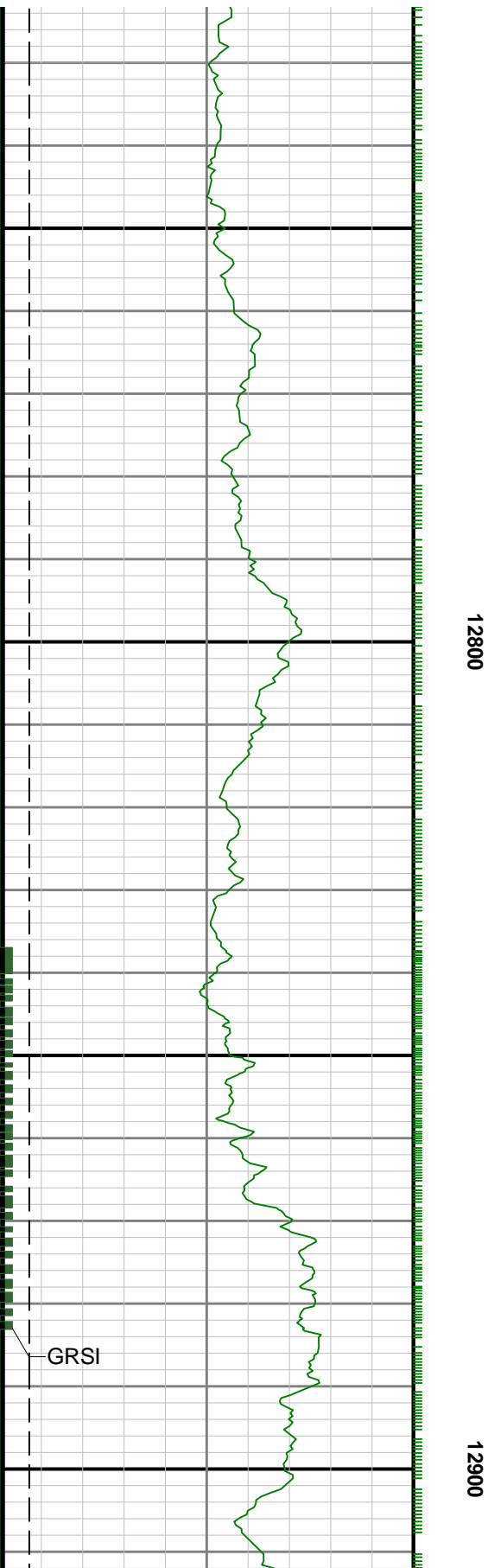
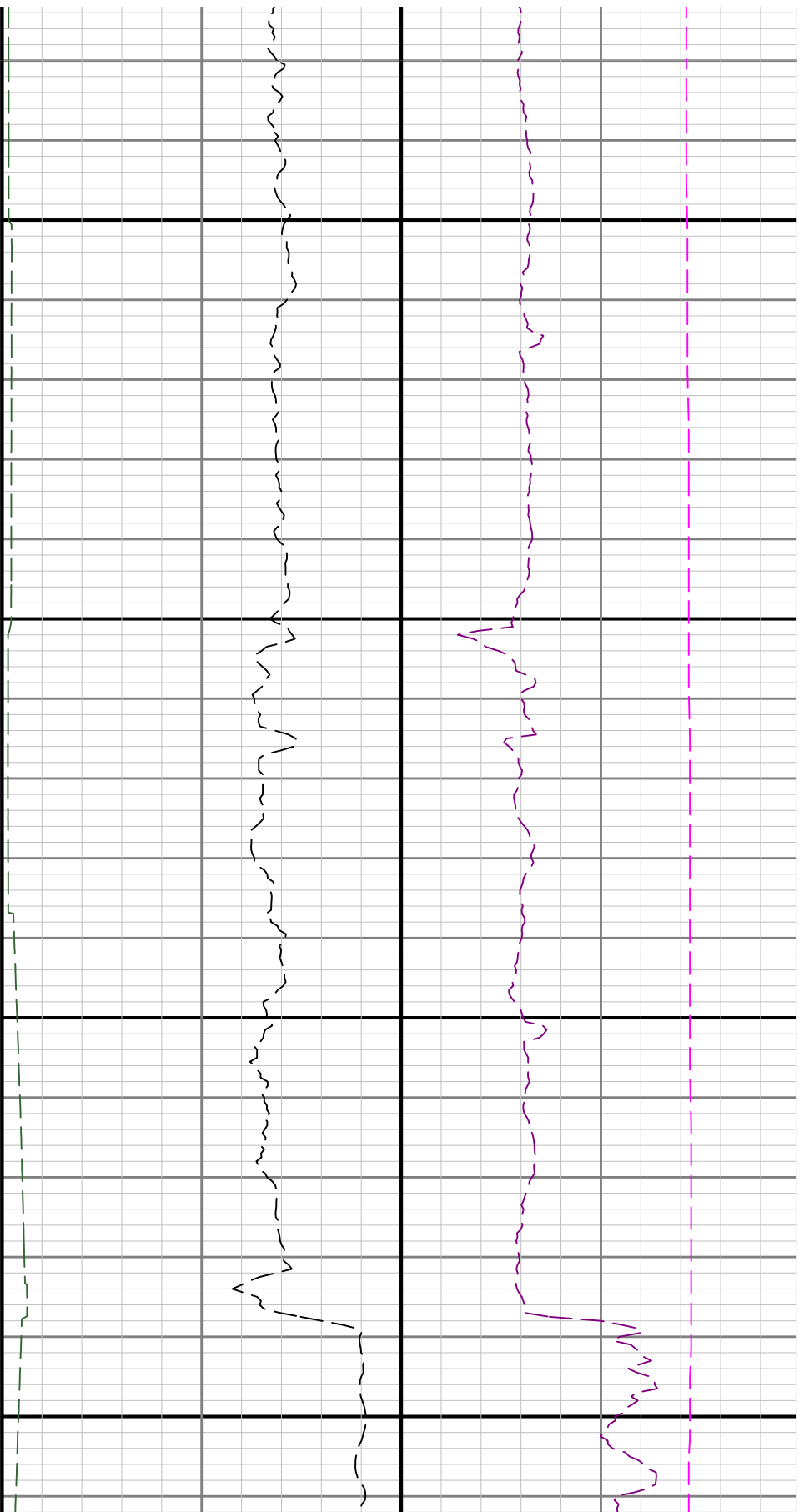
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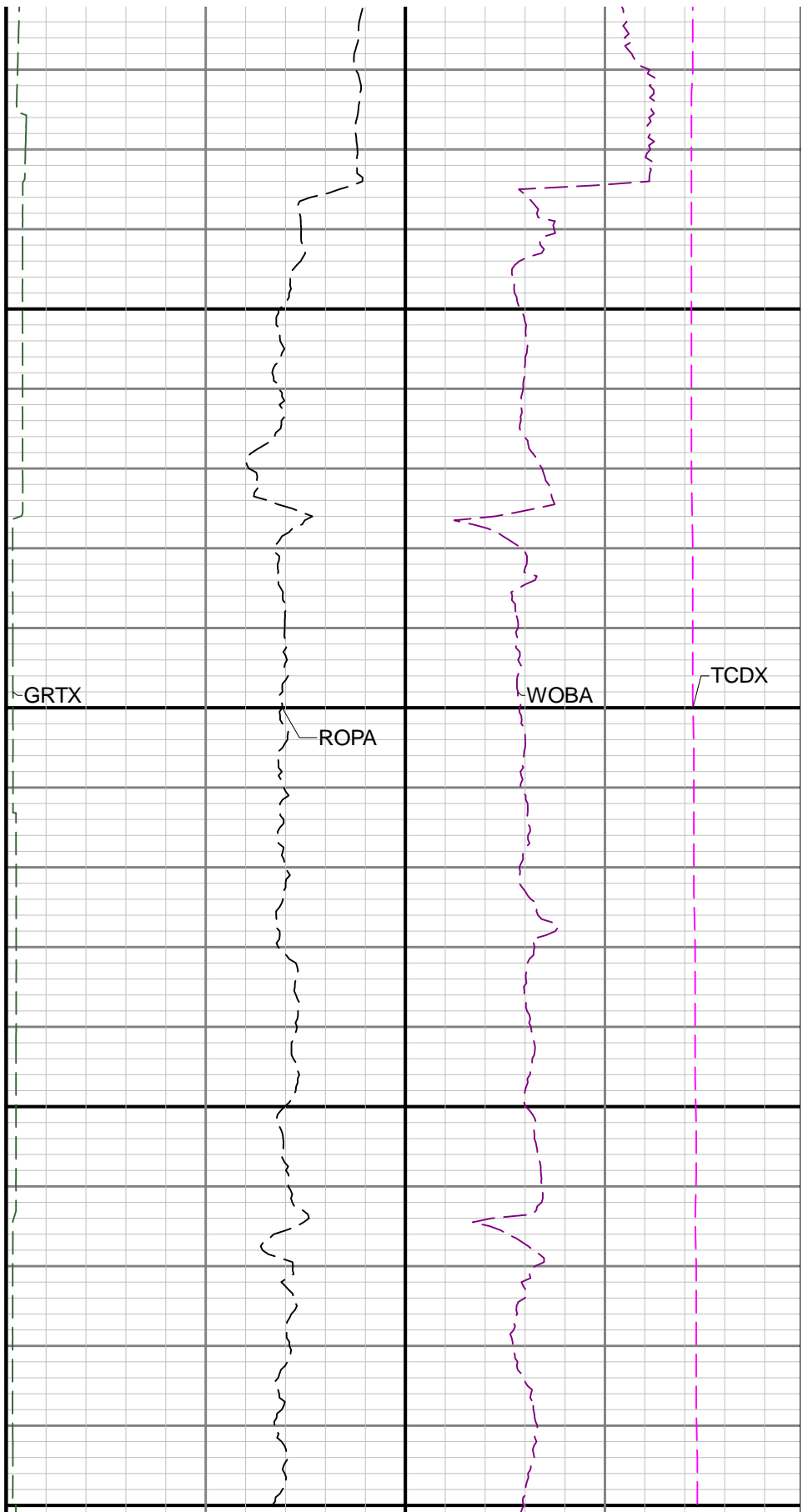
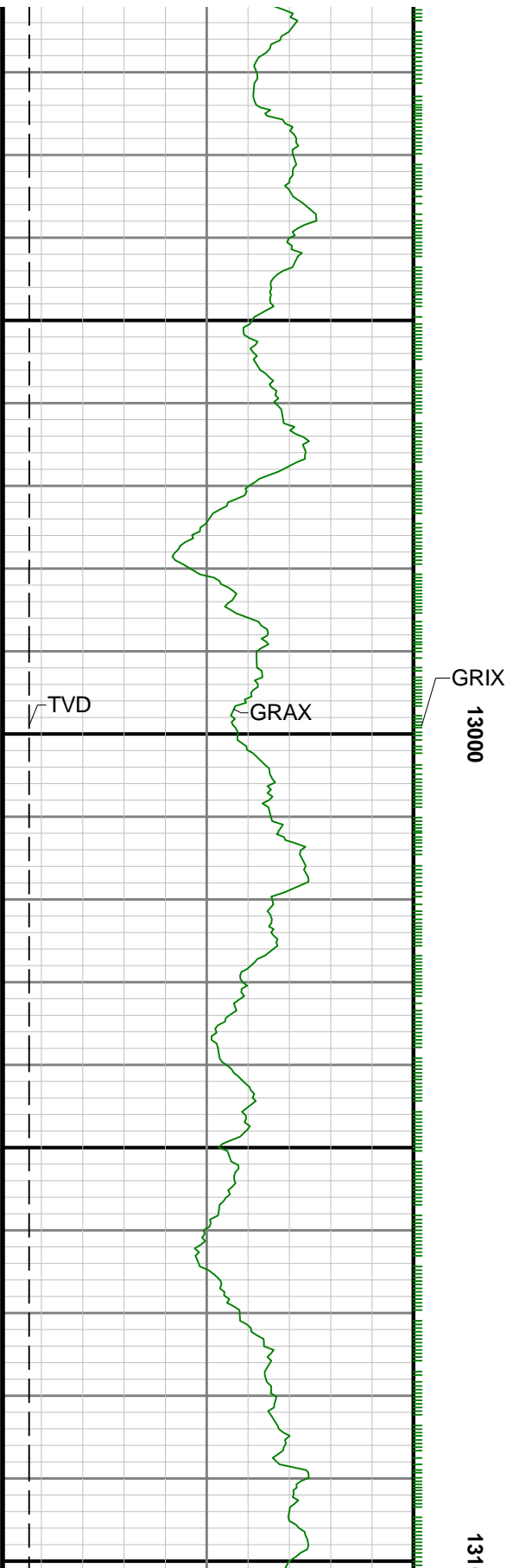


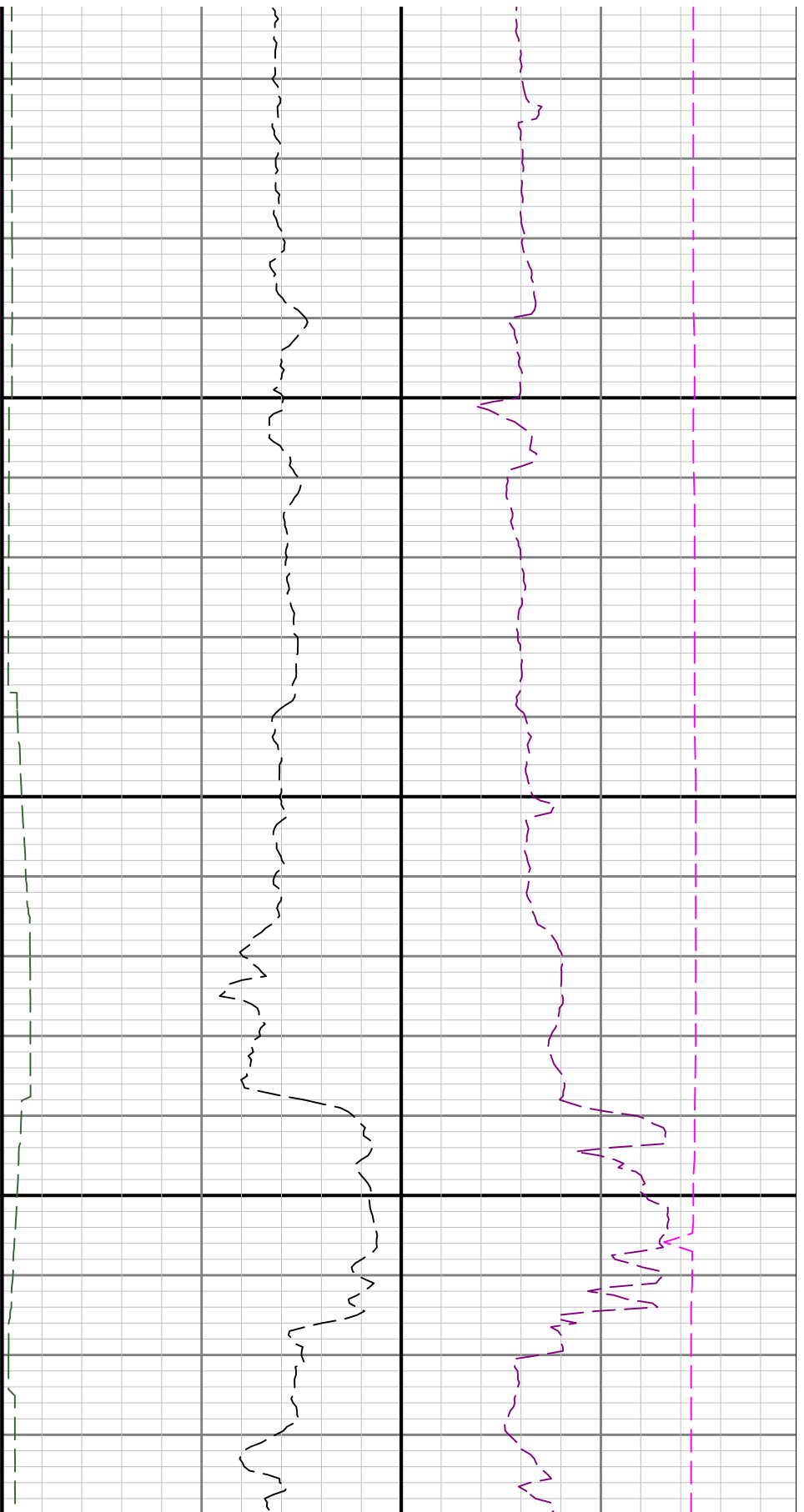
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12500









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13200

