

Run No.	Run No.	Depth (ft)	Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Water	Coarse	Total	Chlorides (ppm)	Residual (%)
2017-01-04 20:30	1	1942.00	Water Based Mud	8.5	27	N/A	36.0	0/100	Active Pit		600	0.00
2017-01-04 21:10	1	2003.00	Oil Based Mud	9.0	57	N/A	21.0	83.8/16.2	Active Pit		21200	0.00
2017-01-05 02:30	1	5906.00	Oil Based Mud	8.8	48	N/A	22.0	83.7/16.3	Active Pit		21000	0.00
2017-01-06 14:30	1	12312.00	Oil Based Mud	9.2	44	N/A	19.0	84.1/15.9	Active Pit		20500	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	ATC_SU	13827639	Near Bit Inclination	5.93	6.75	7.000	4.330
1	ATC_SU	13827639	Near Bit VSS	5.93	6.75	7.000	4.330
1	ATC_MWD	12656414	Gamma (single)	2.75	12.92	7.000	3.250
1	ATC_MWD	12656414	Directional (mag)	12.27	22.44	7.000	3.250

Service and Tool Mnemonics

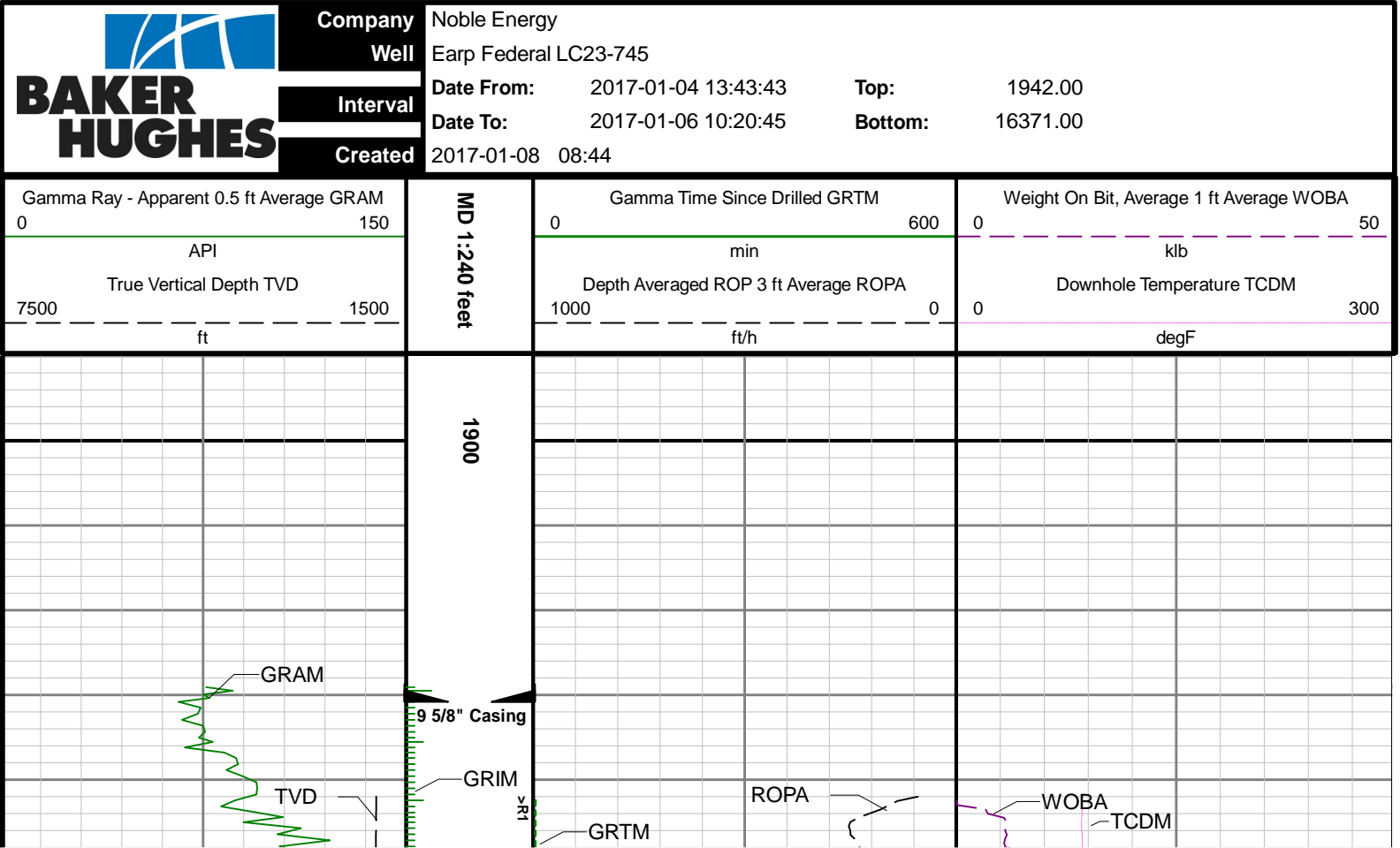
Mnemonic	Name	Description
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM

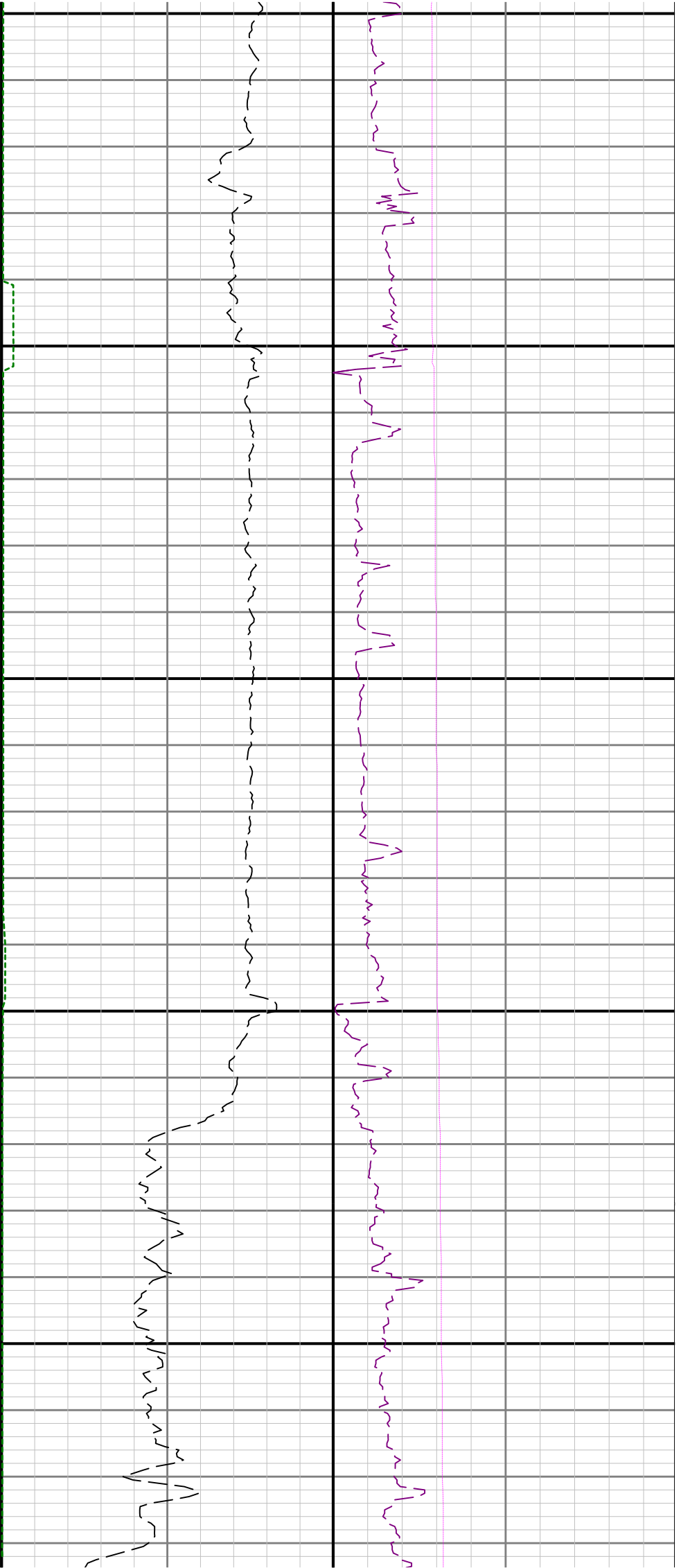
Comments

- Depth measurements obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
- Baker Hughes LWD Run 1 utilized a 6 3/4 inch NaviGamma services (Gamma Ray and Directional) behind a 8 1/2 inch bit and rotary steerable assembly from 1942 to 16478 feet MD (1942 to 6011 feet TVD).

Remarks

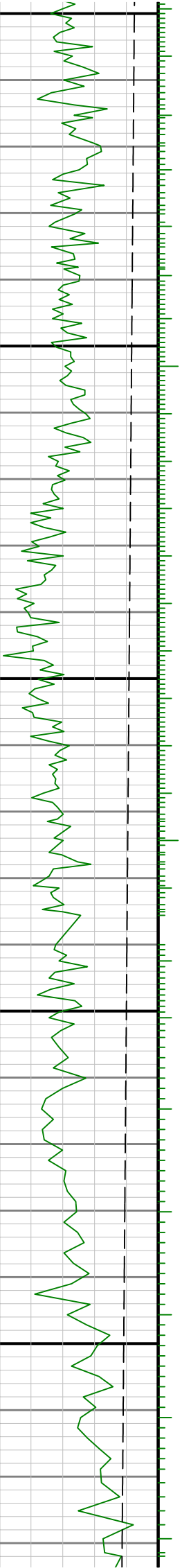
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	16460.00	8.500	1	The interval from 16371 to 16478 feet MD (6011 feet TVD) was not logged due to issues with the tool and sensor to bit offset at well TD.

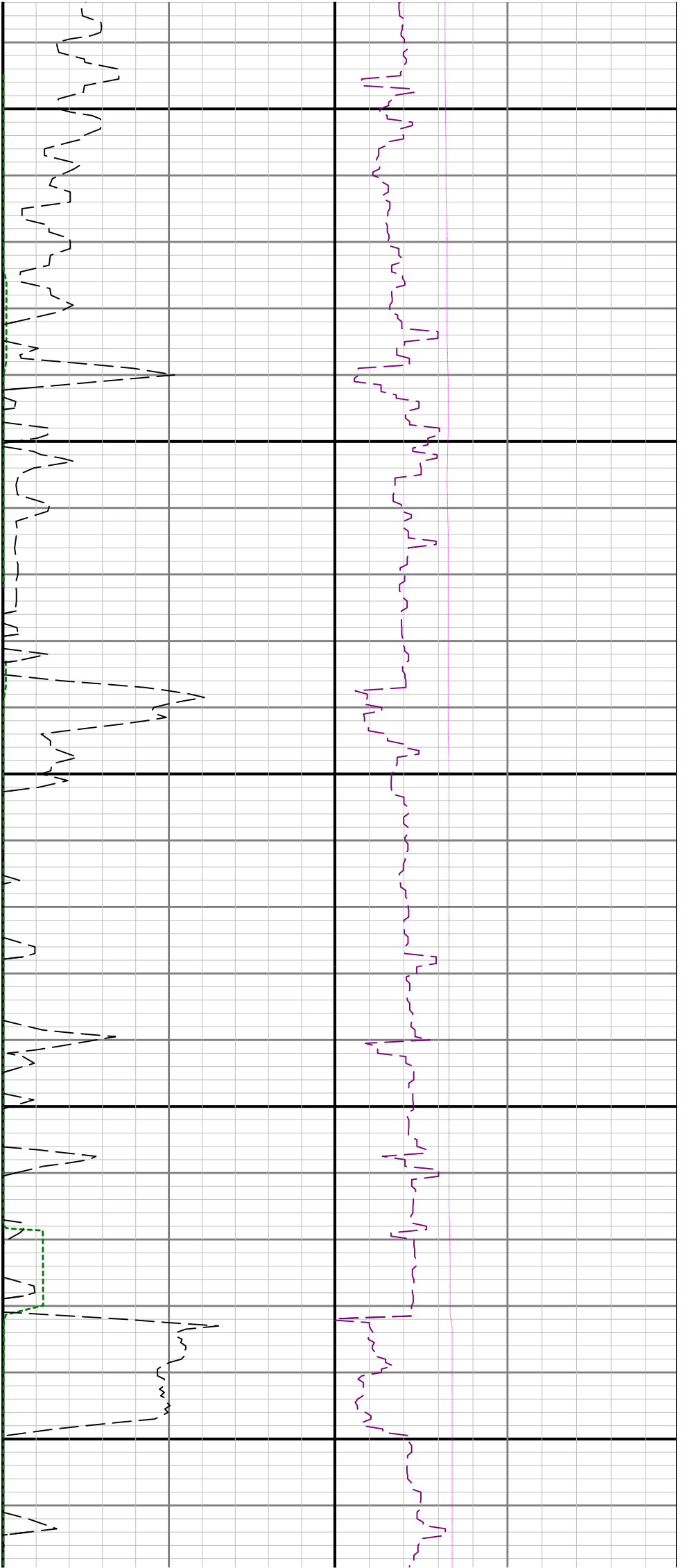




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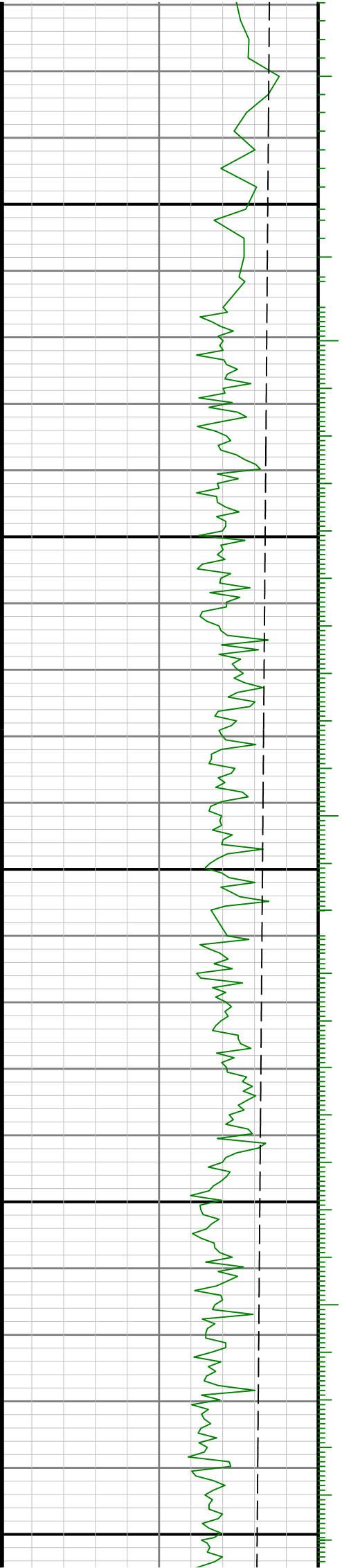
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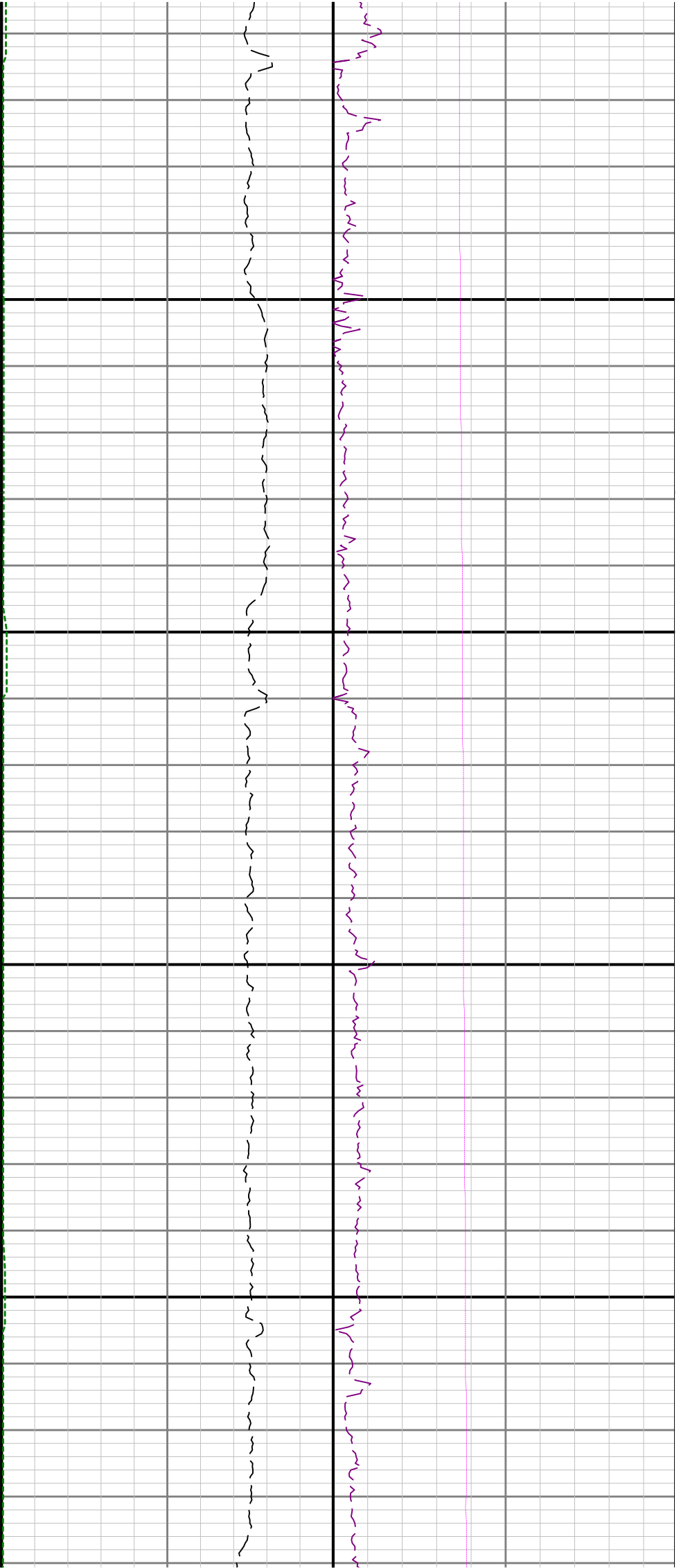
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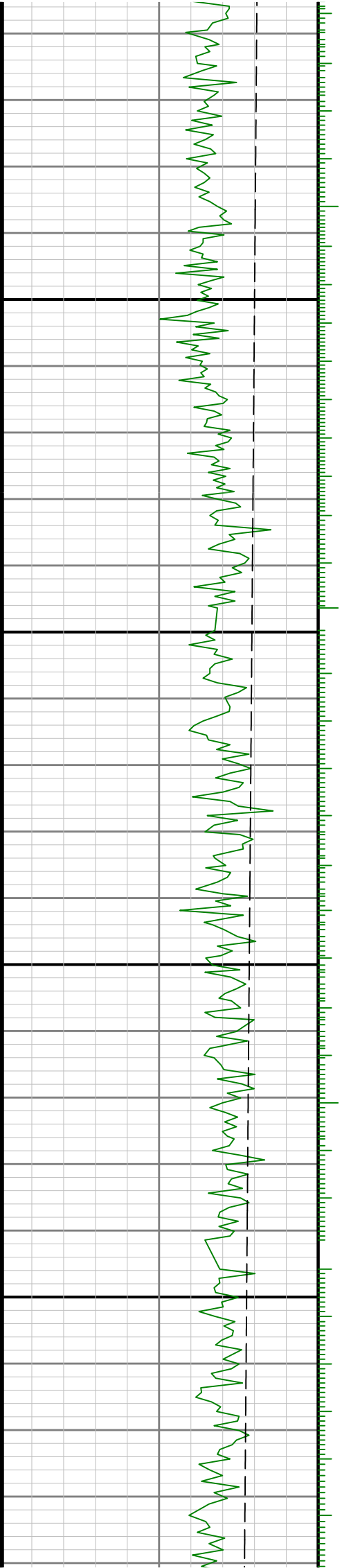
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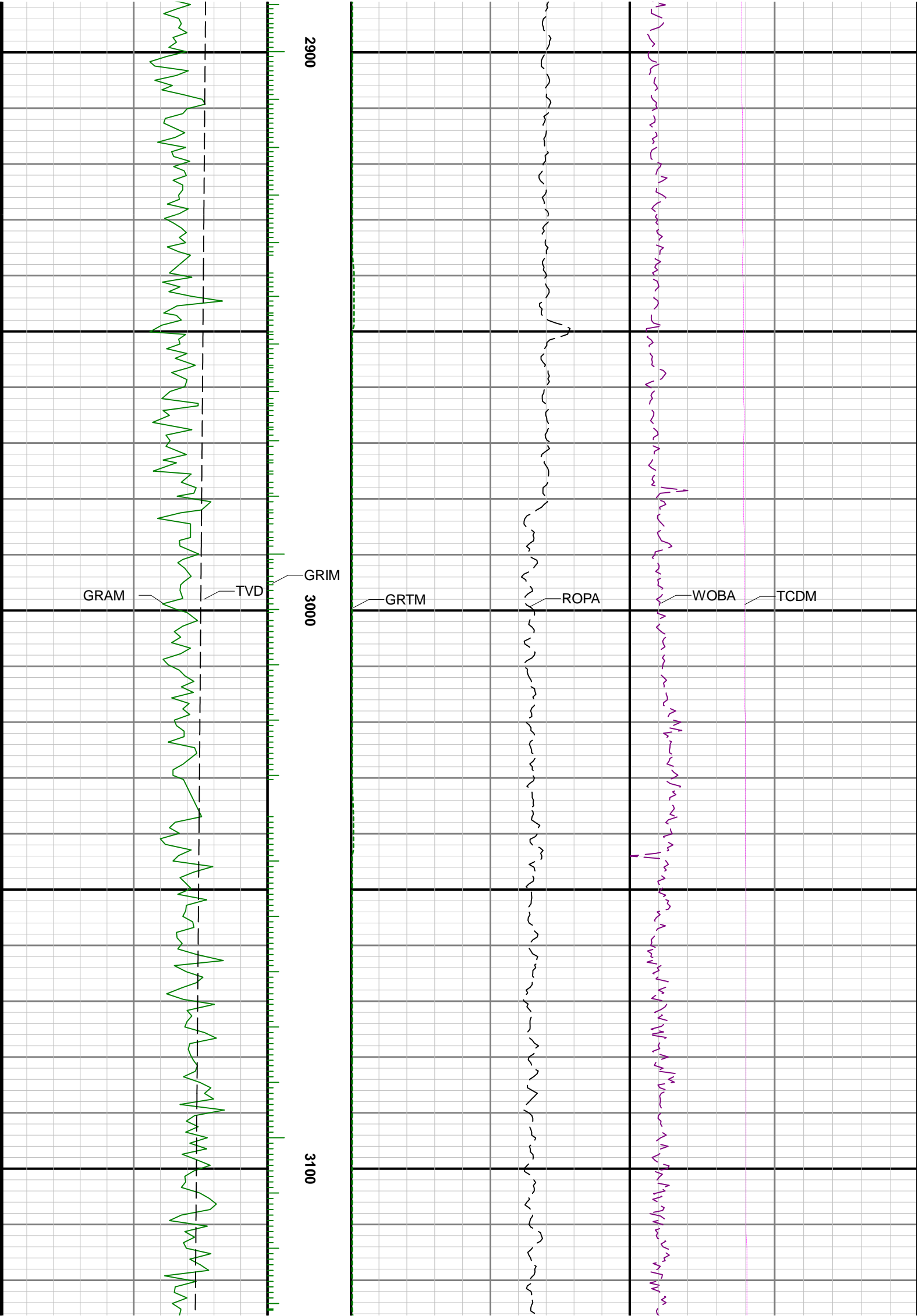


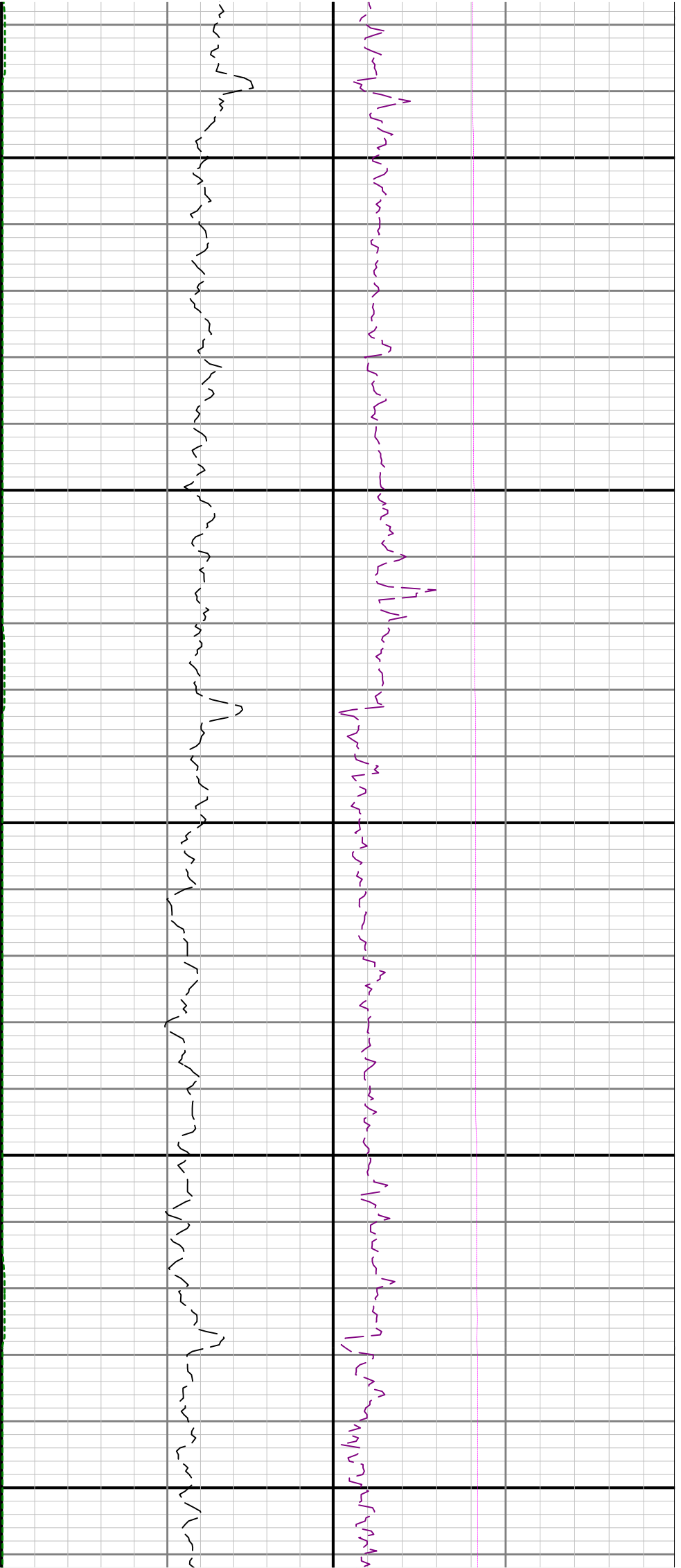


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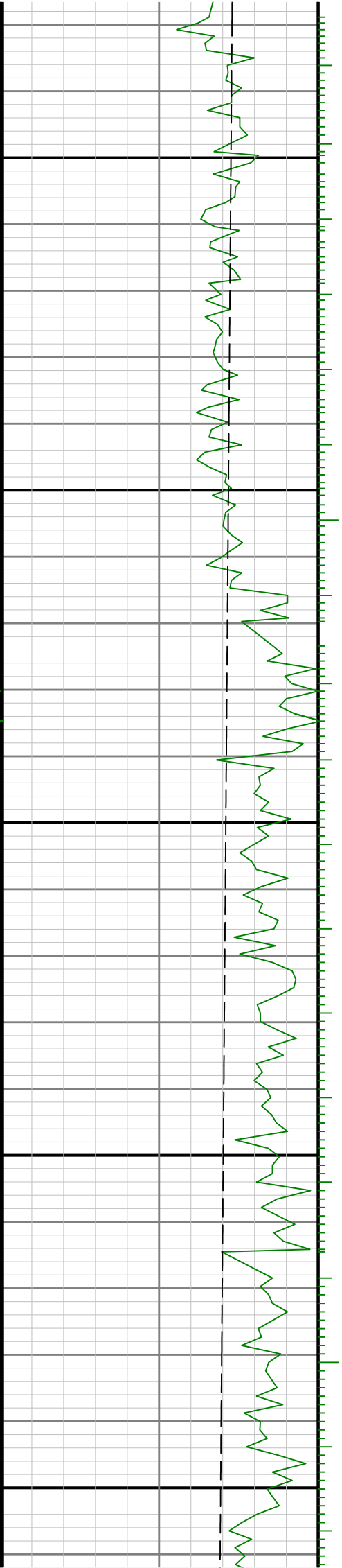


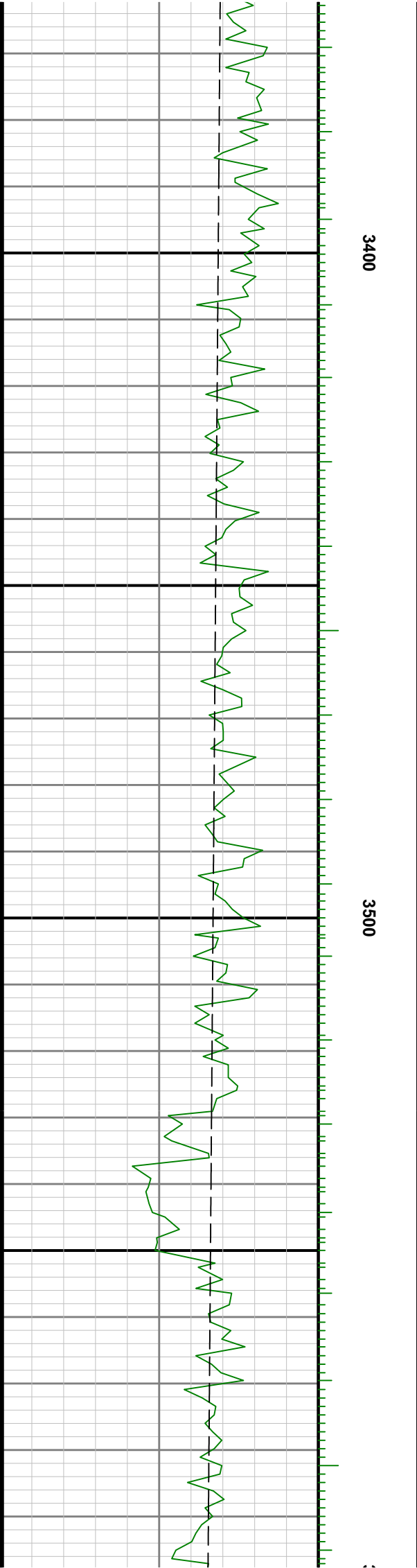
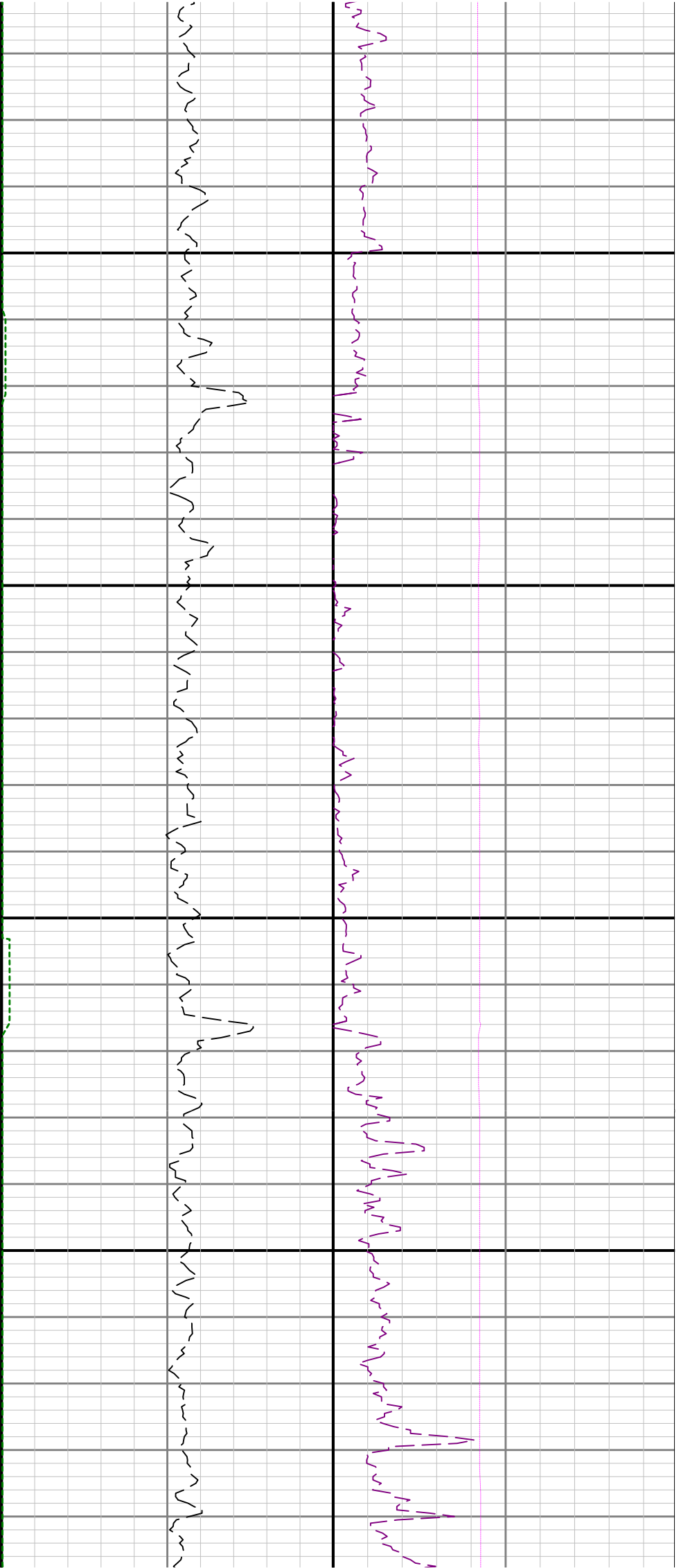


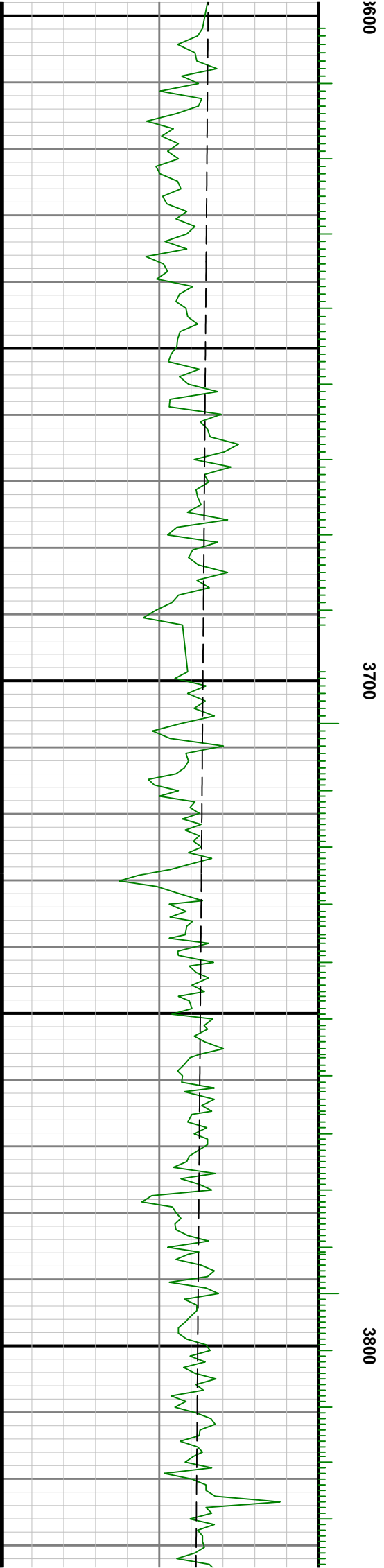
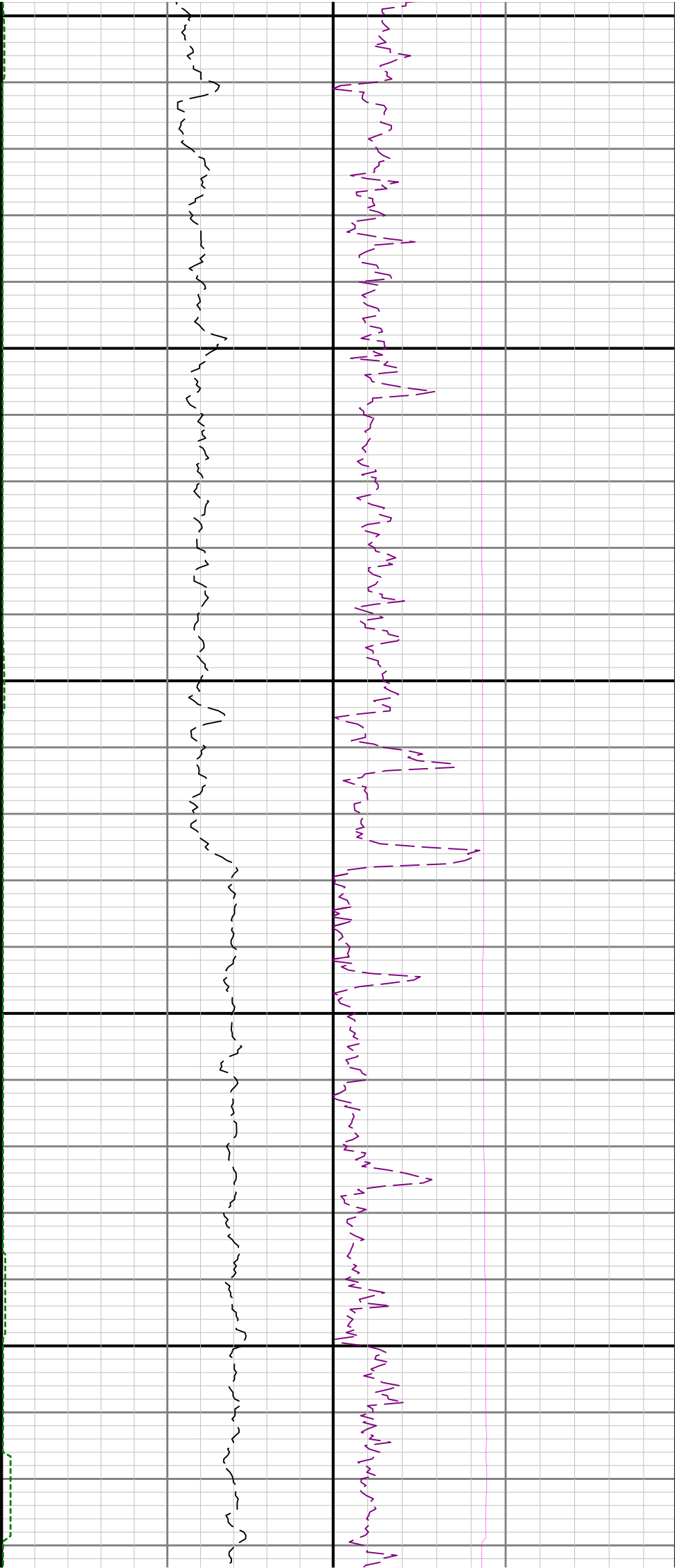


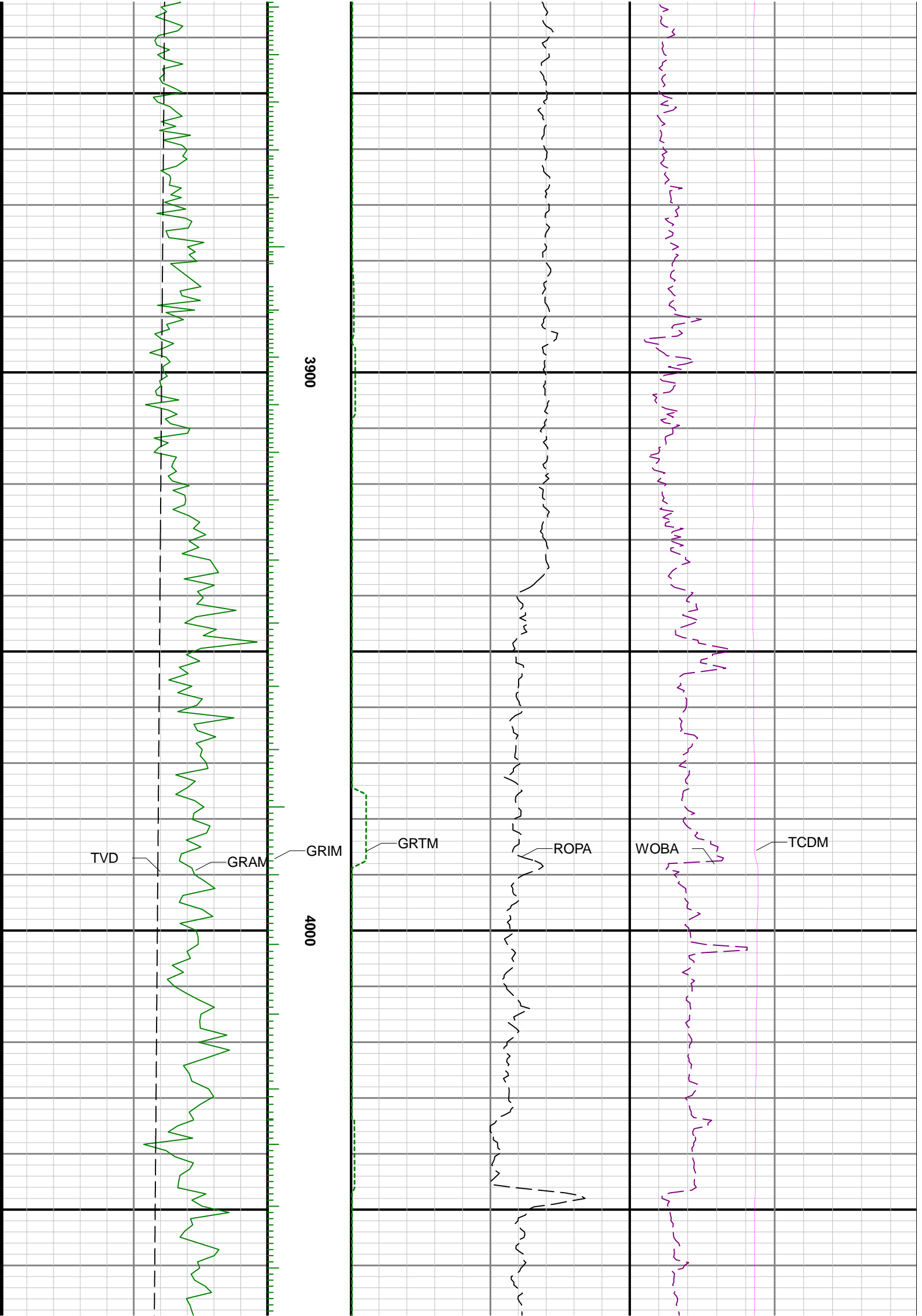
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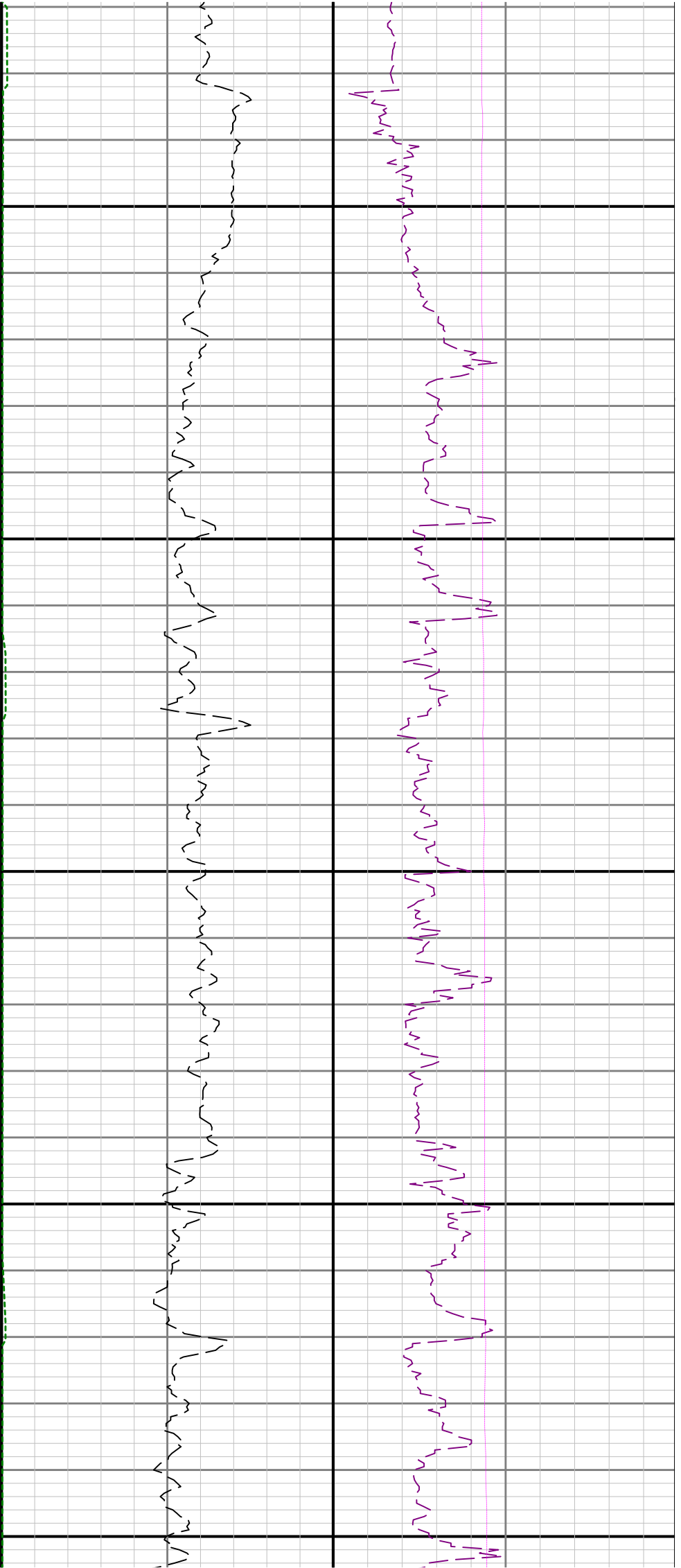
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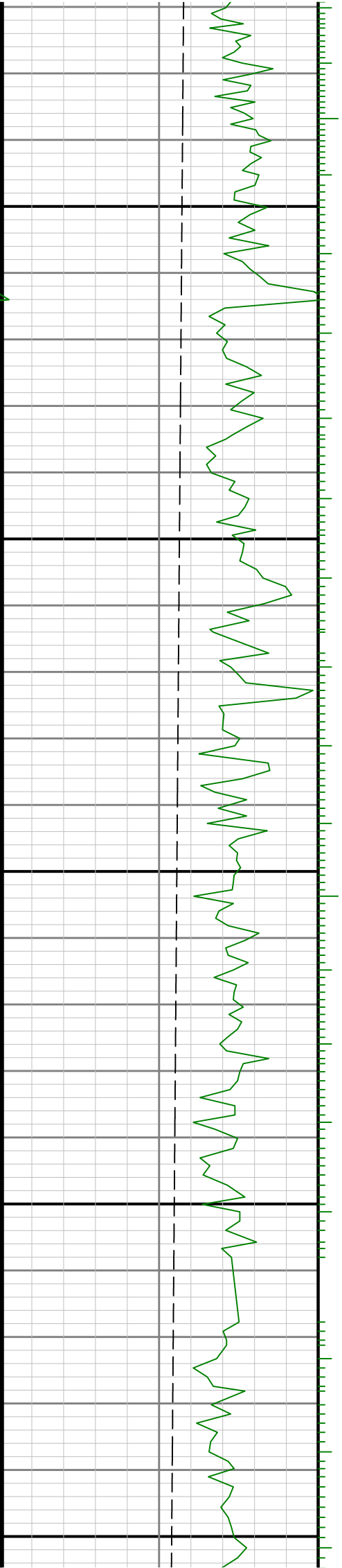


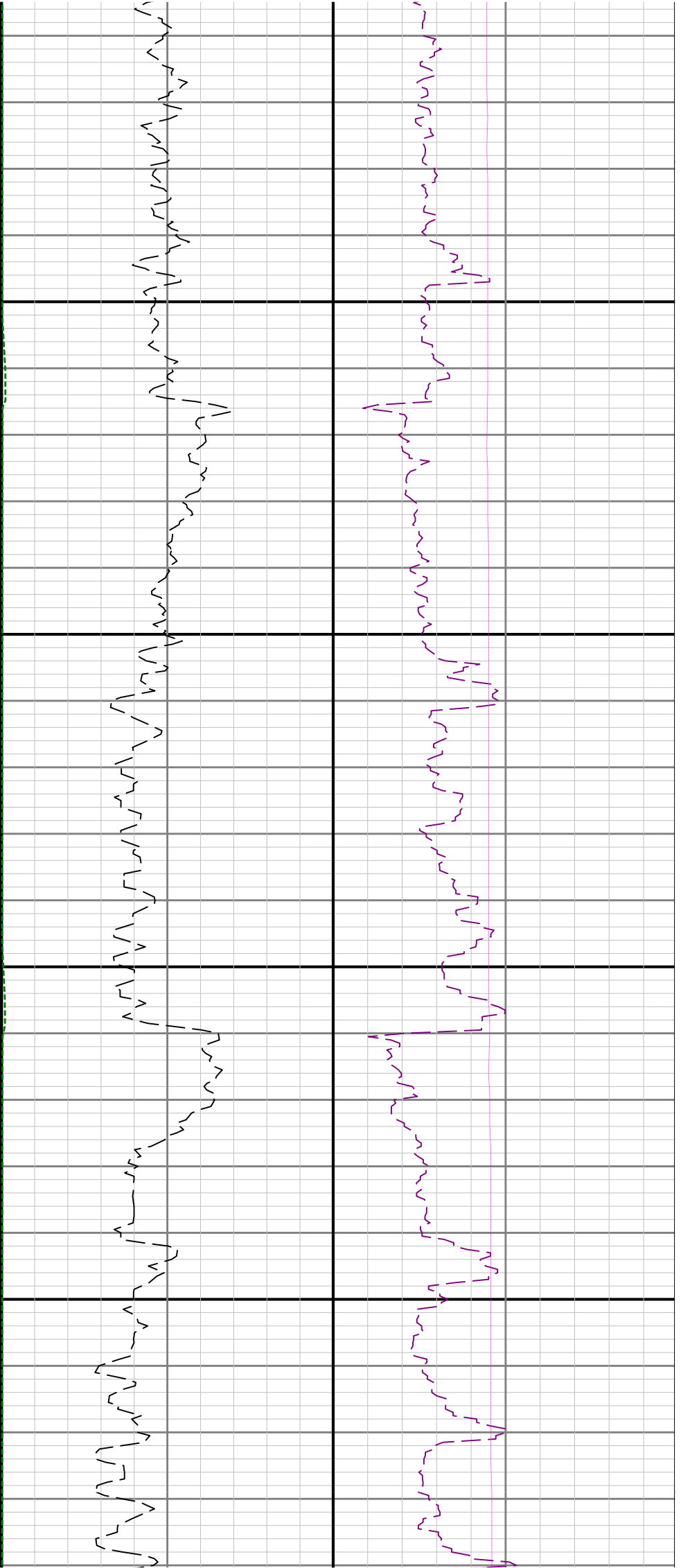


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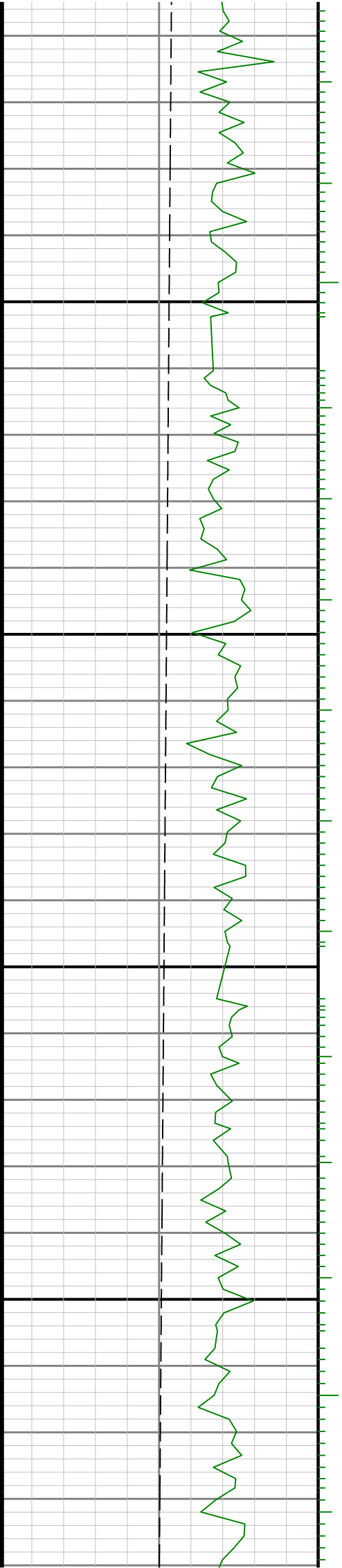
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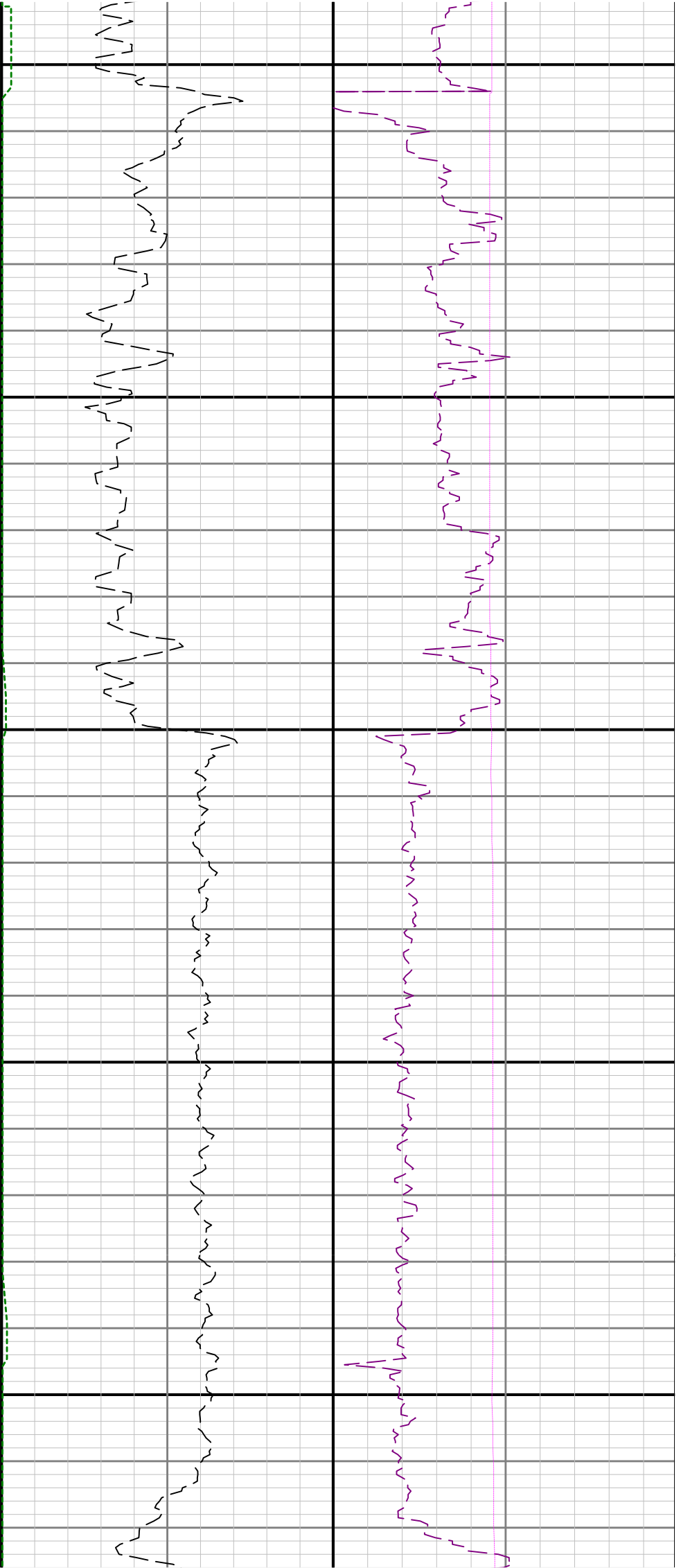




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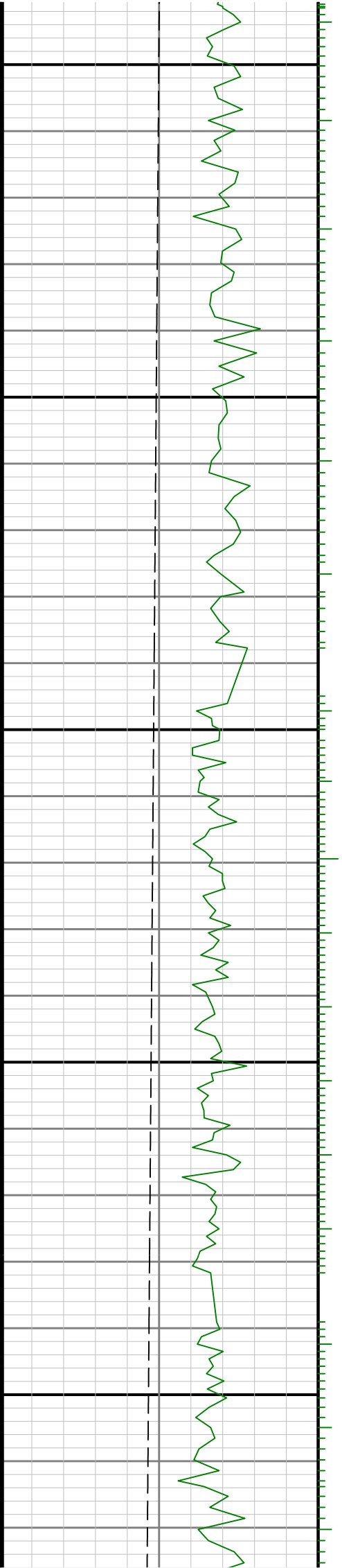
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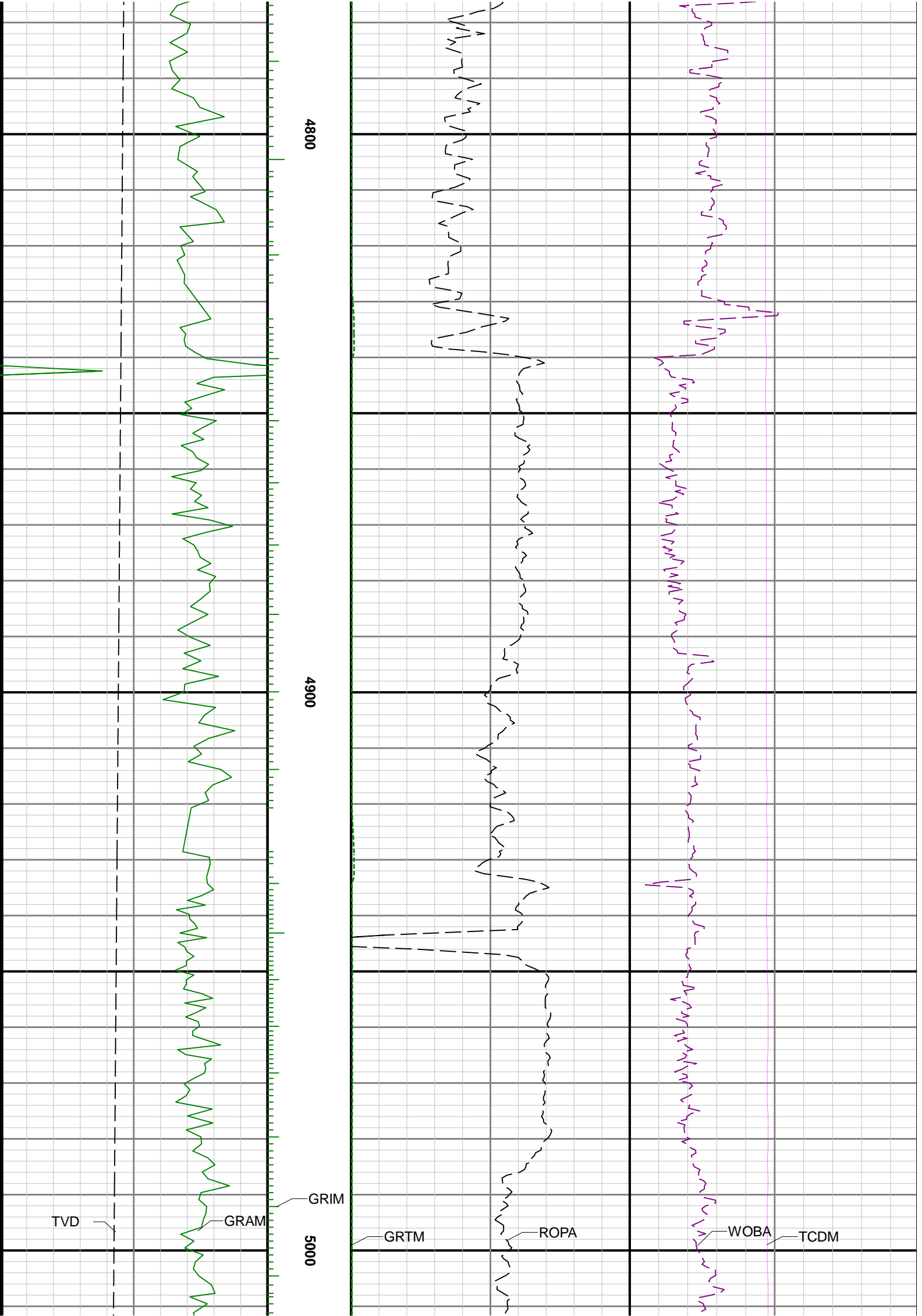


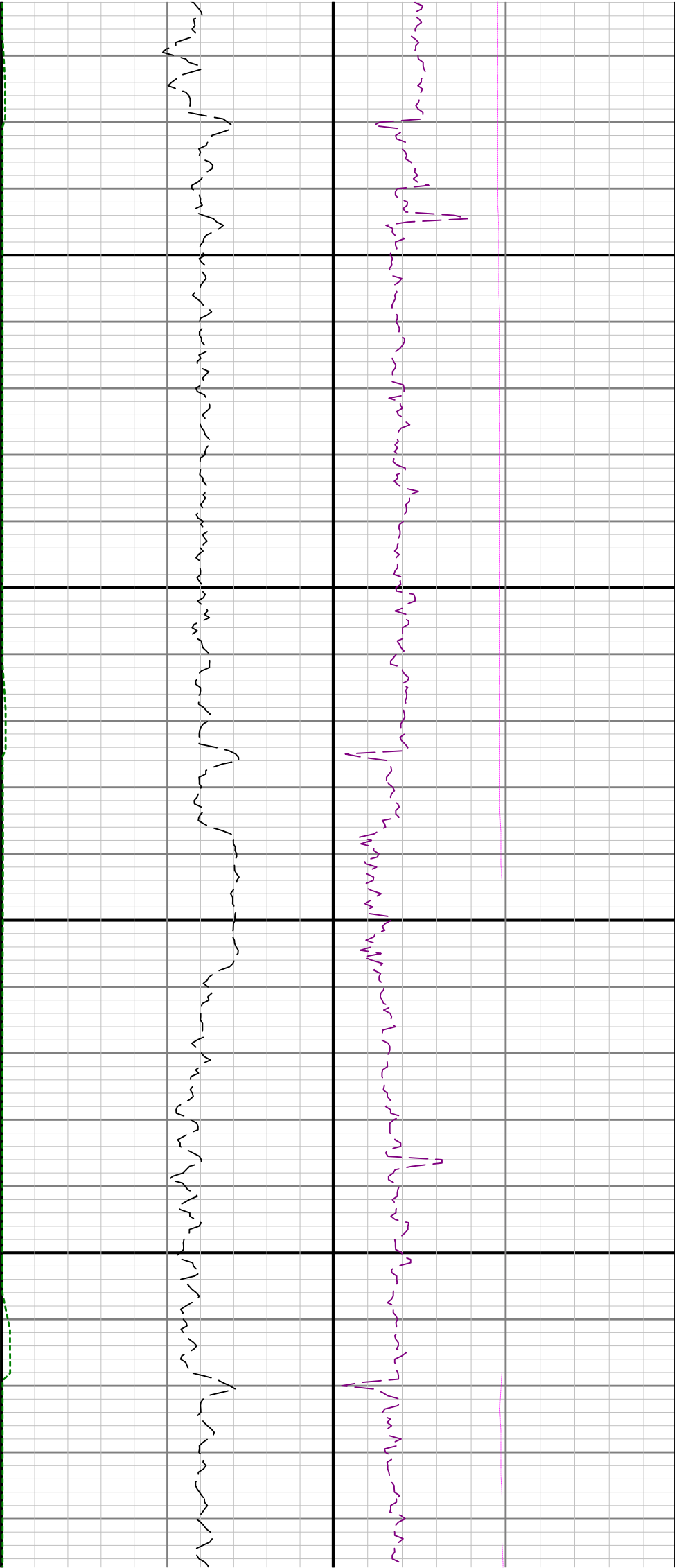


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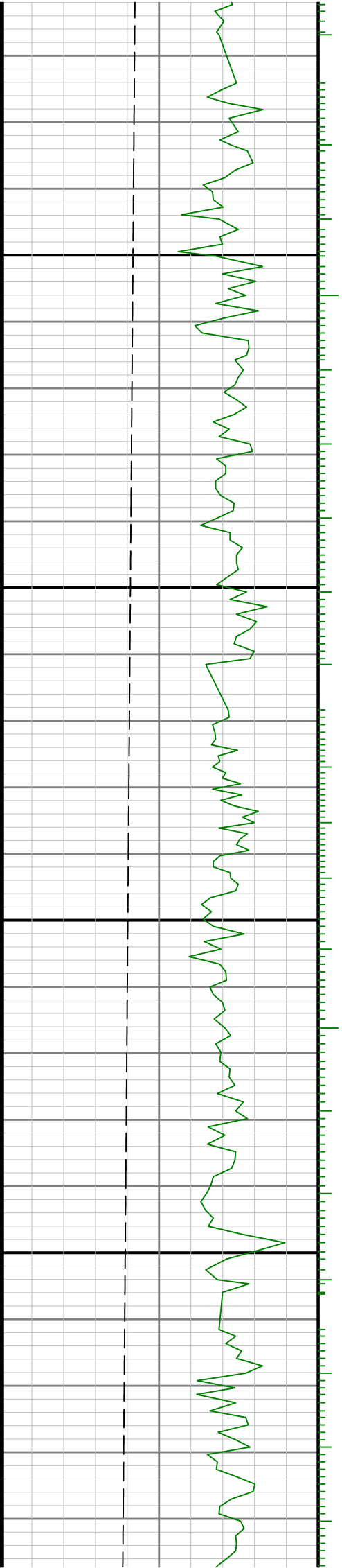


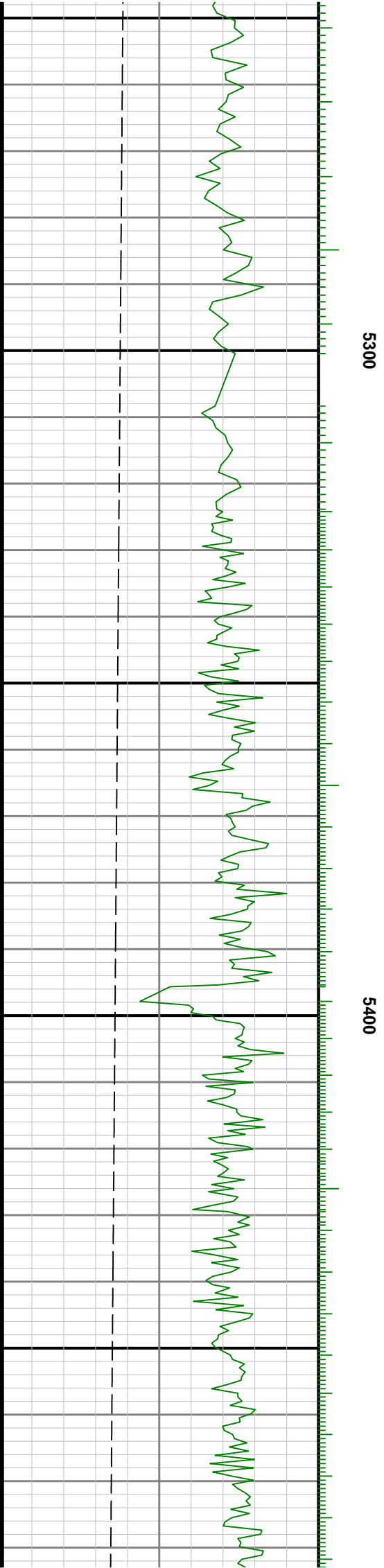
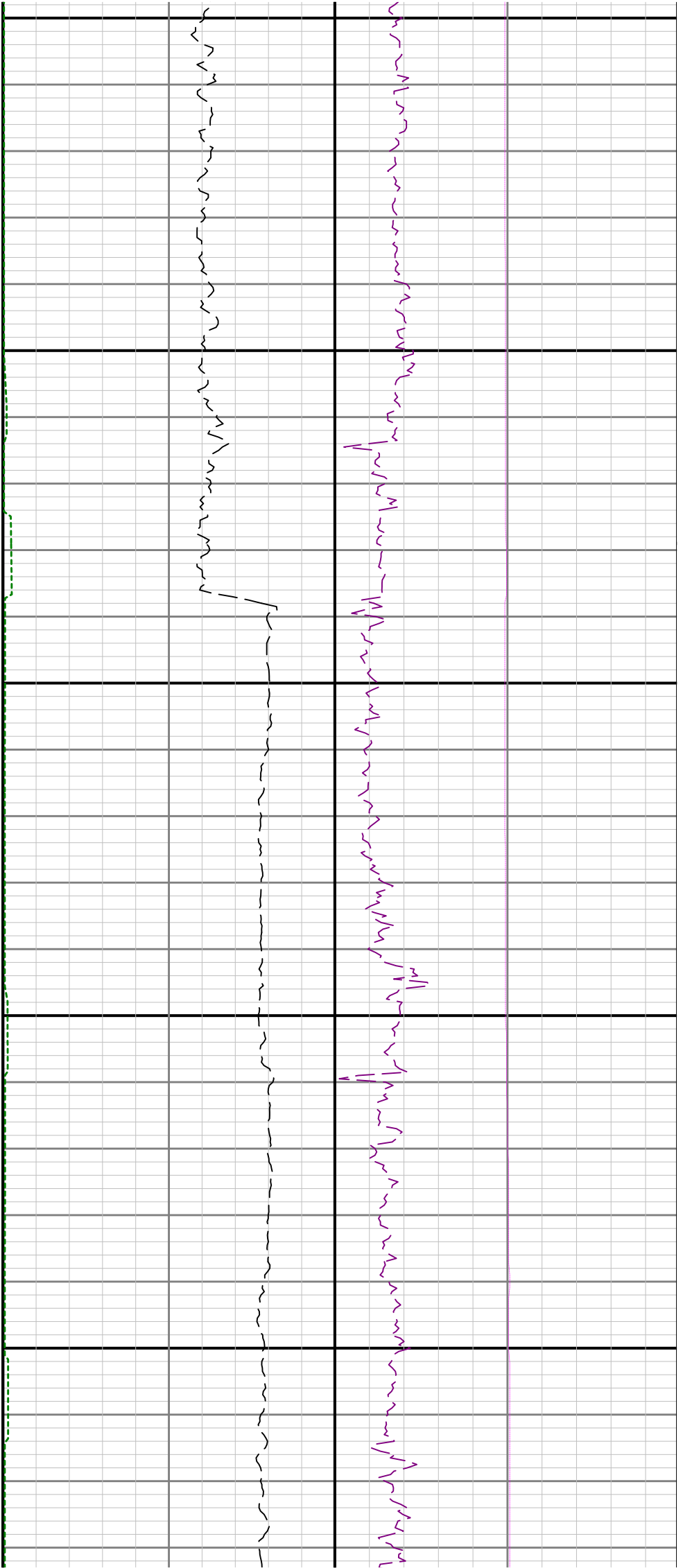


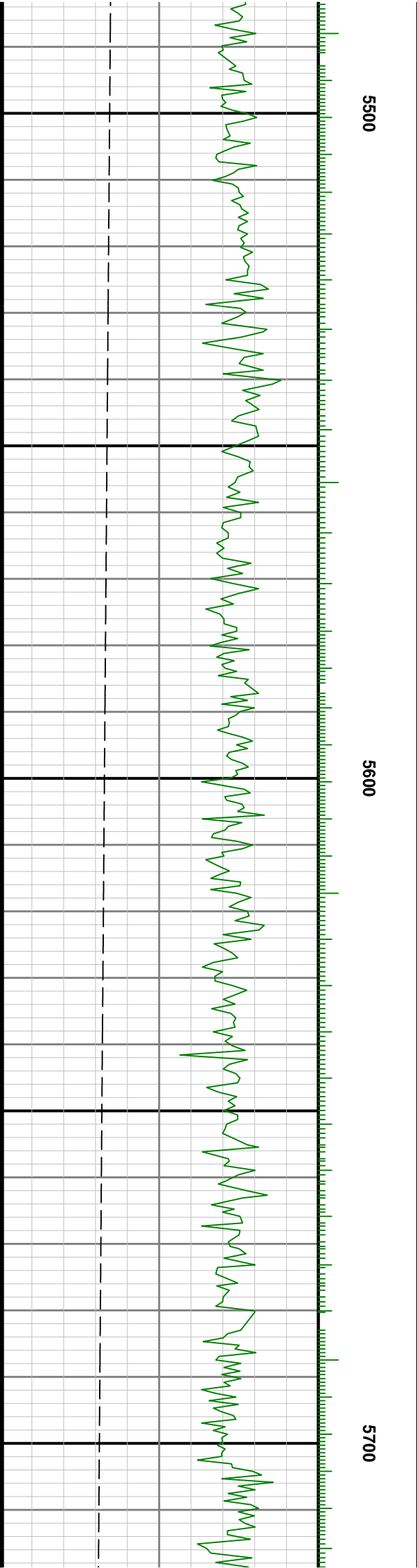


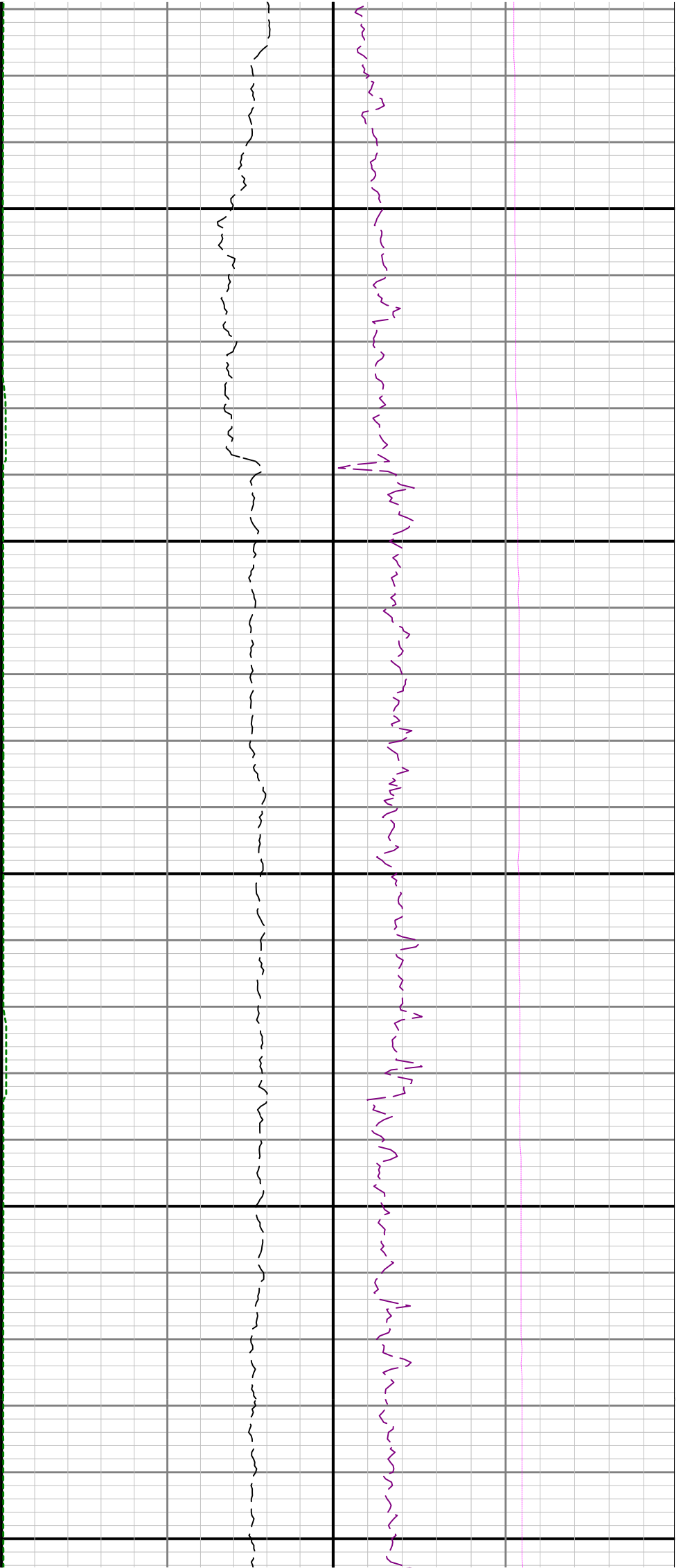
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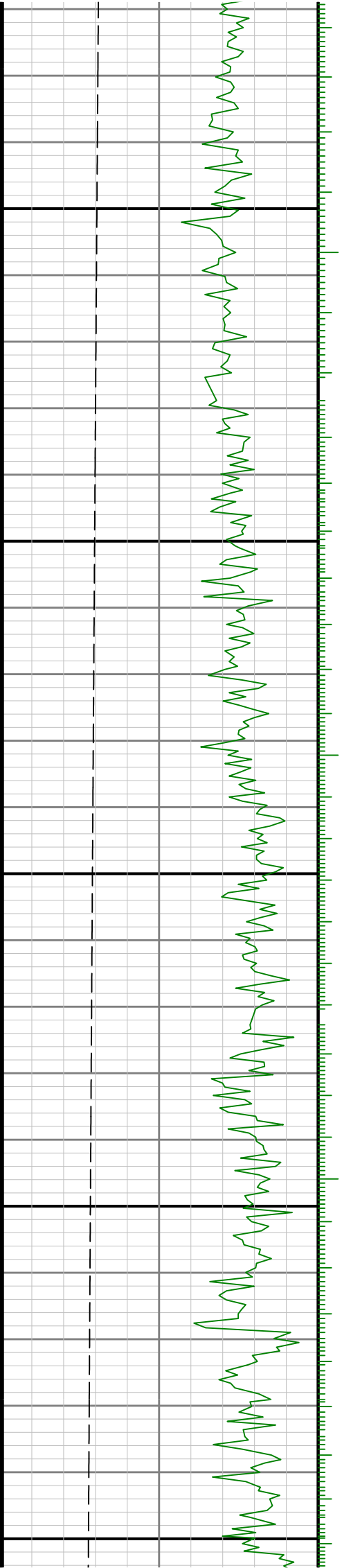


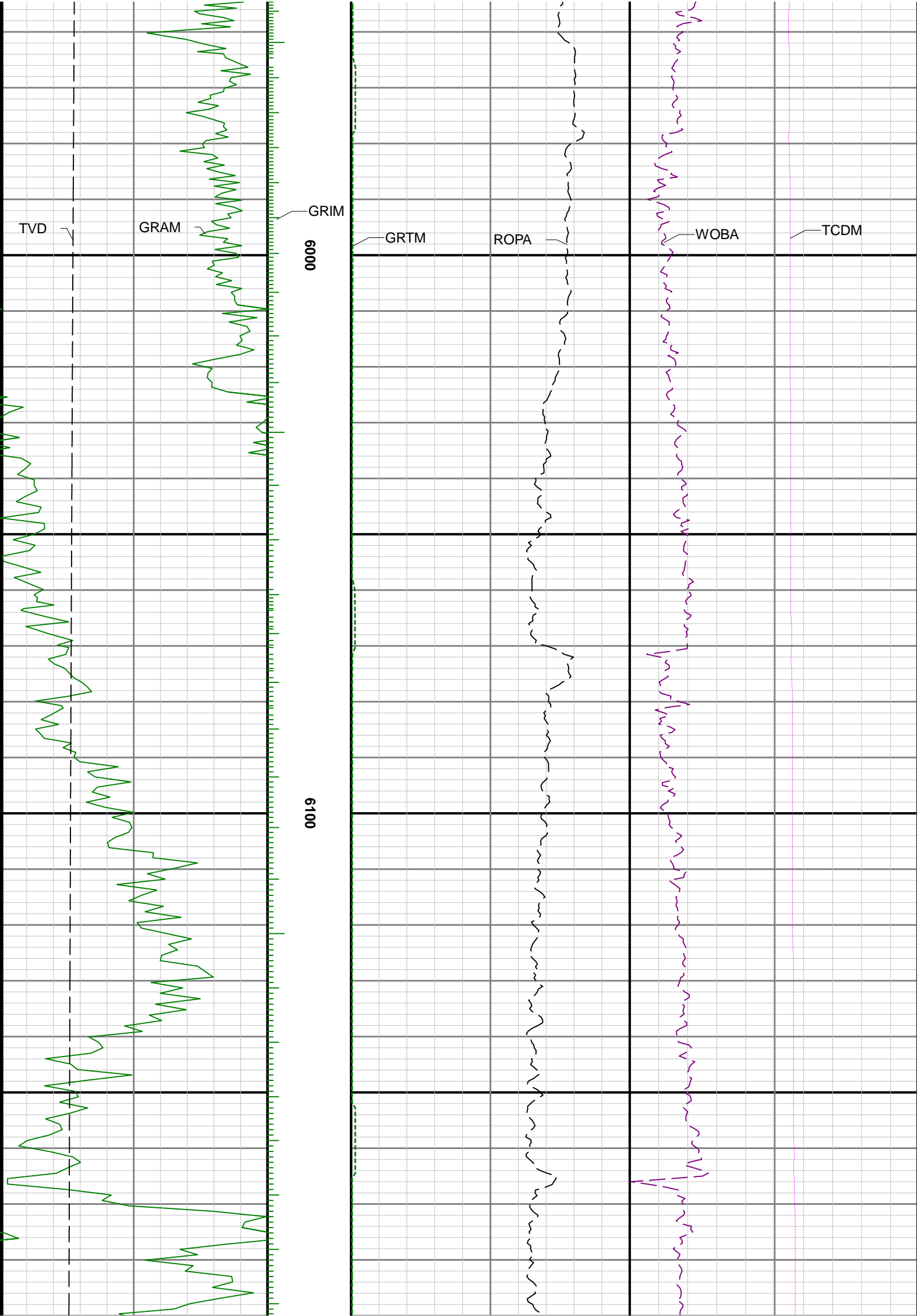


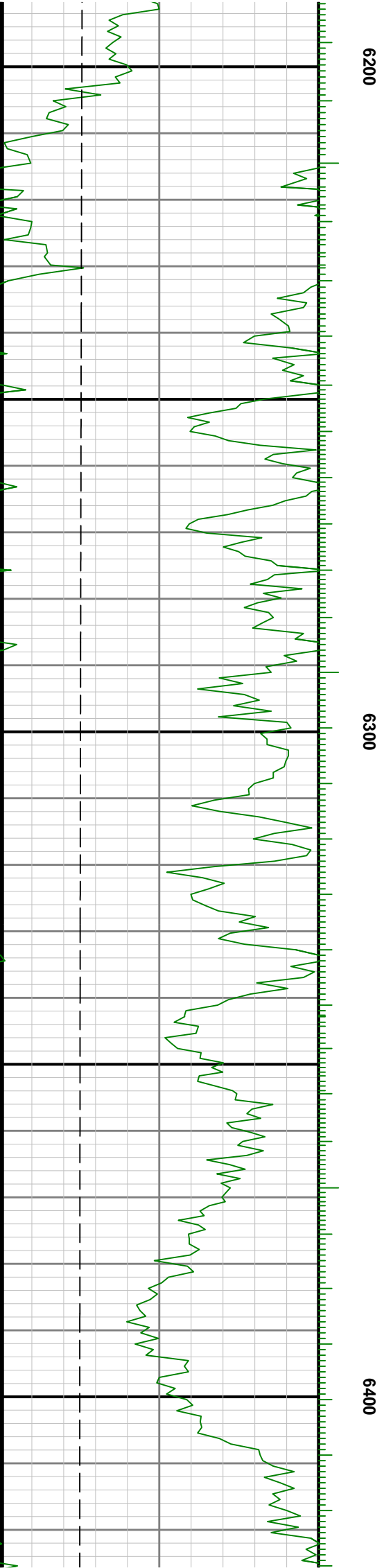
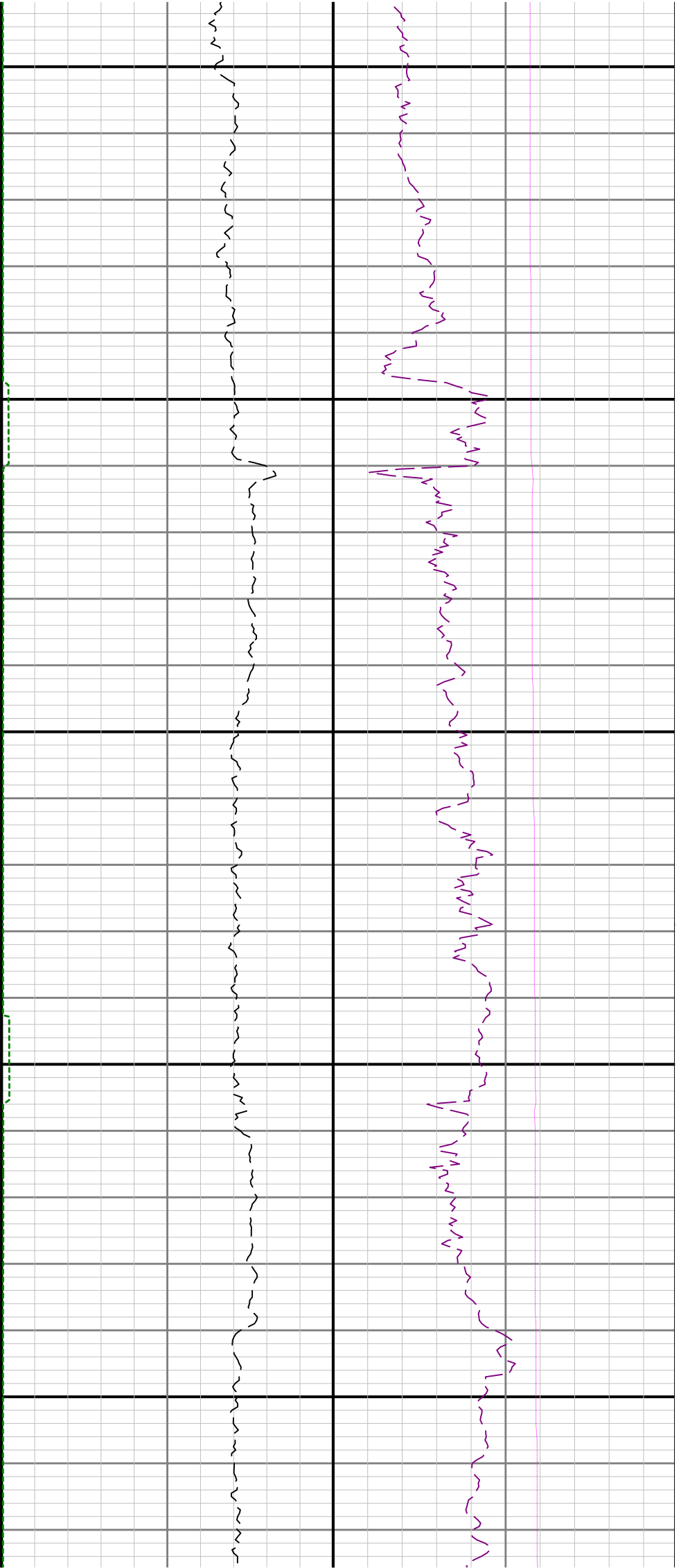


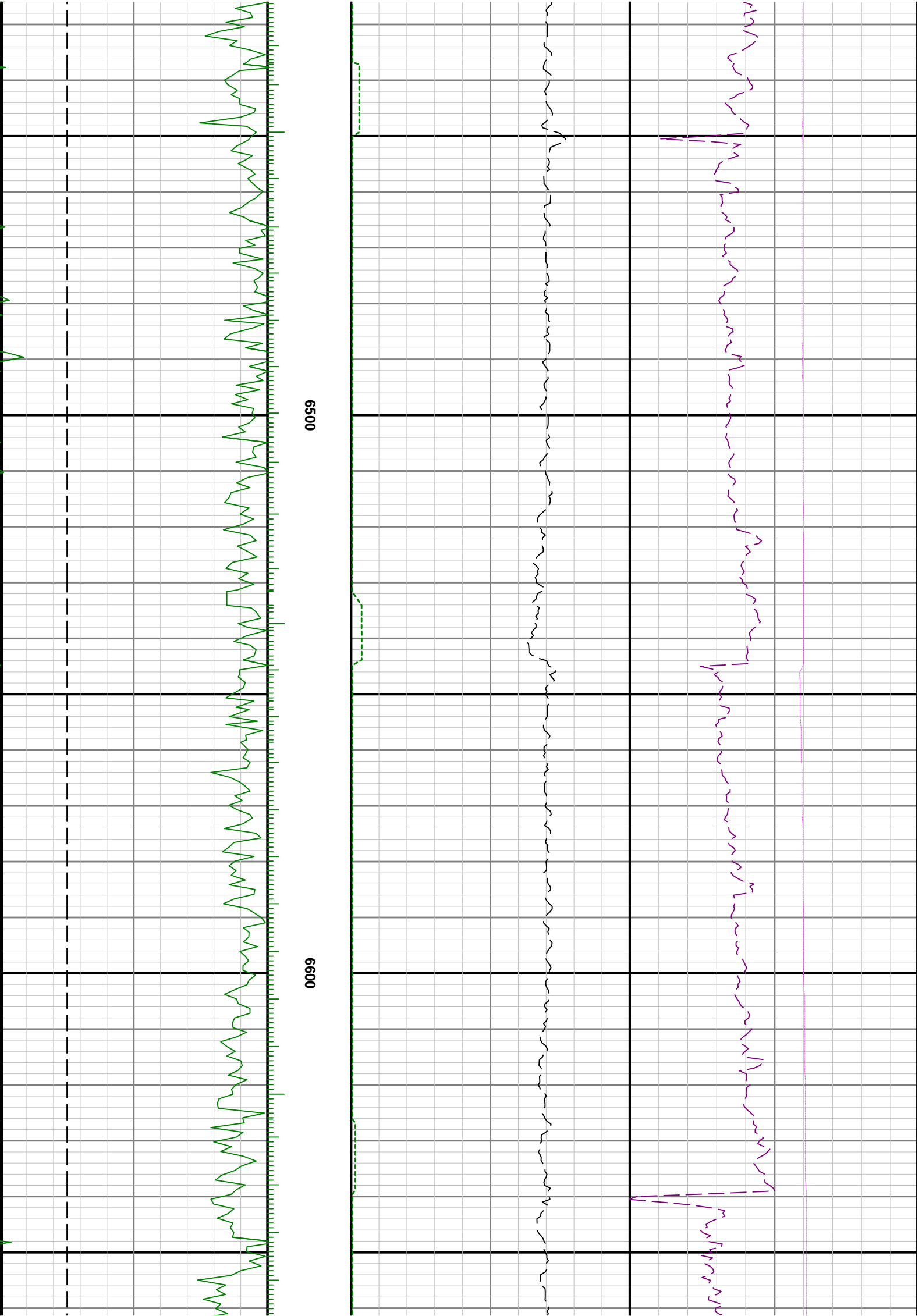
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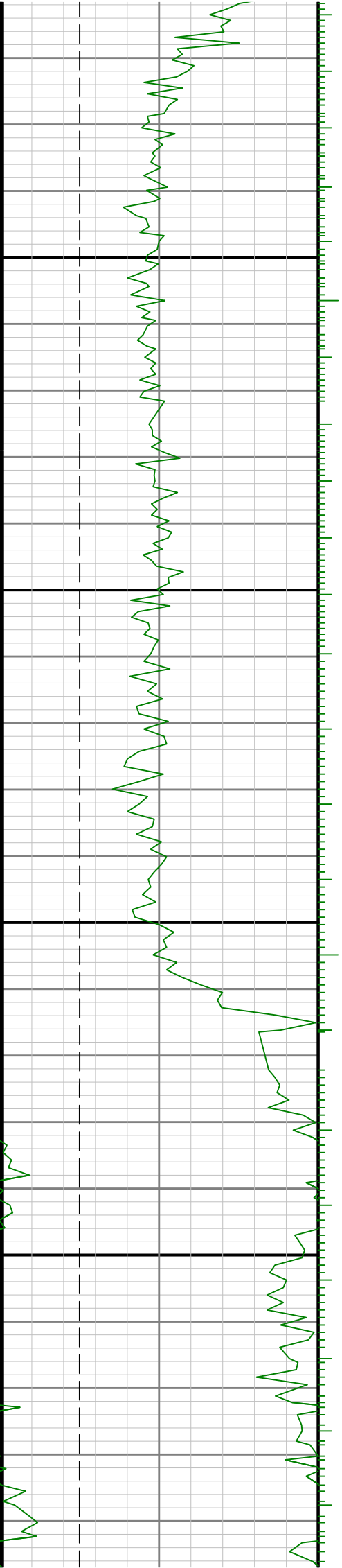
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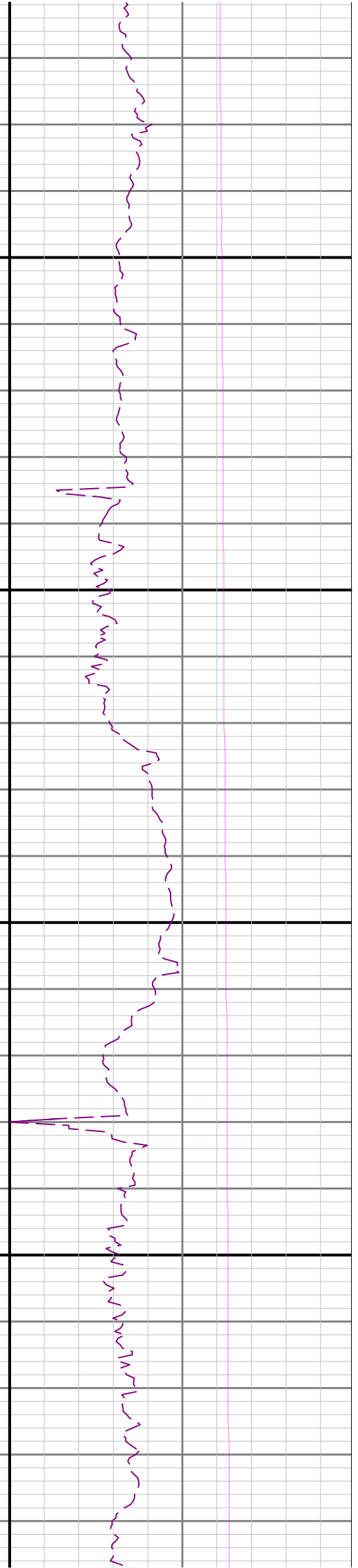
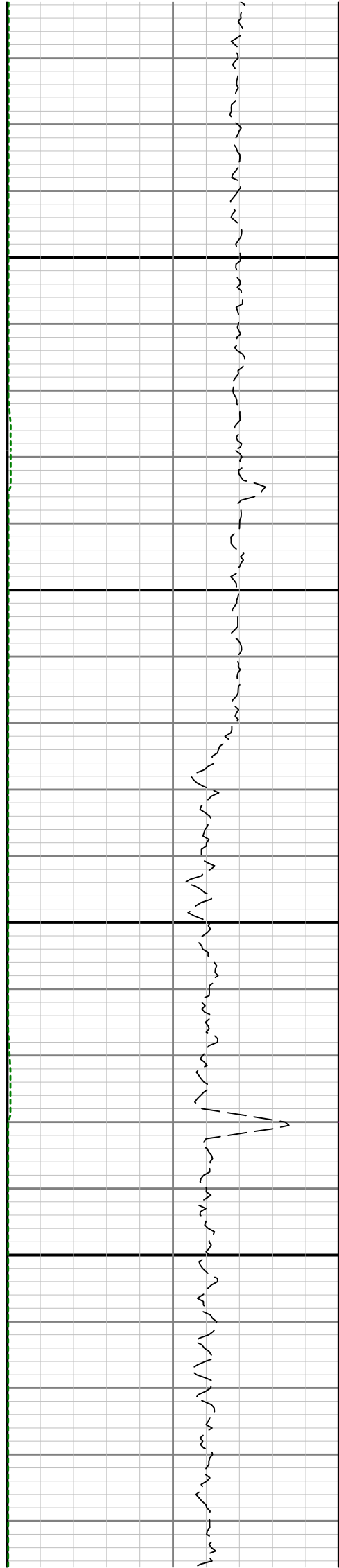


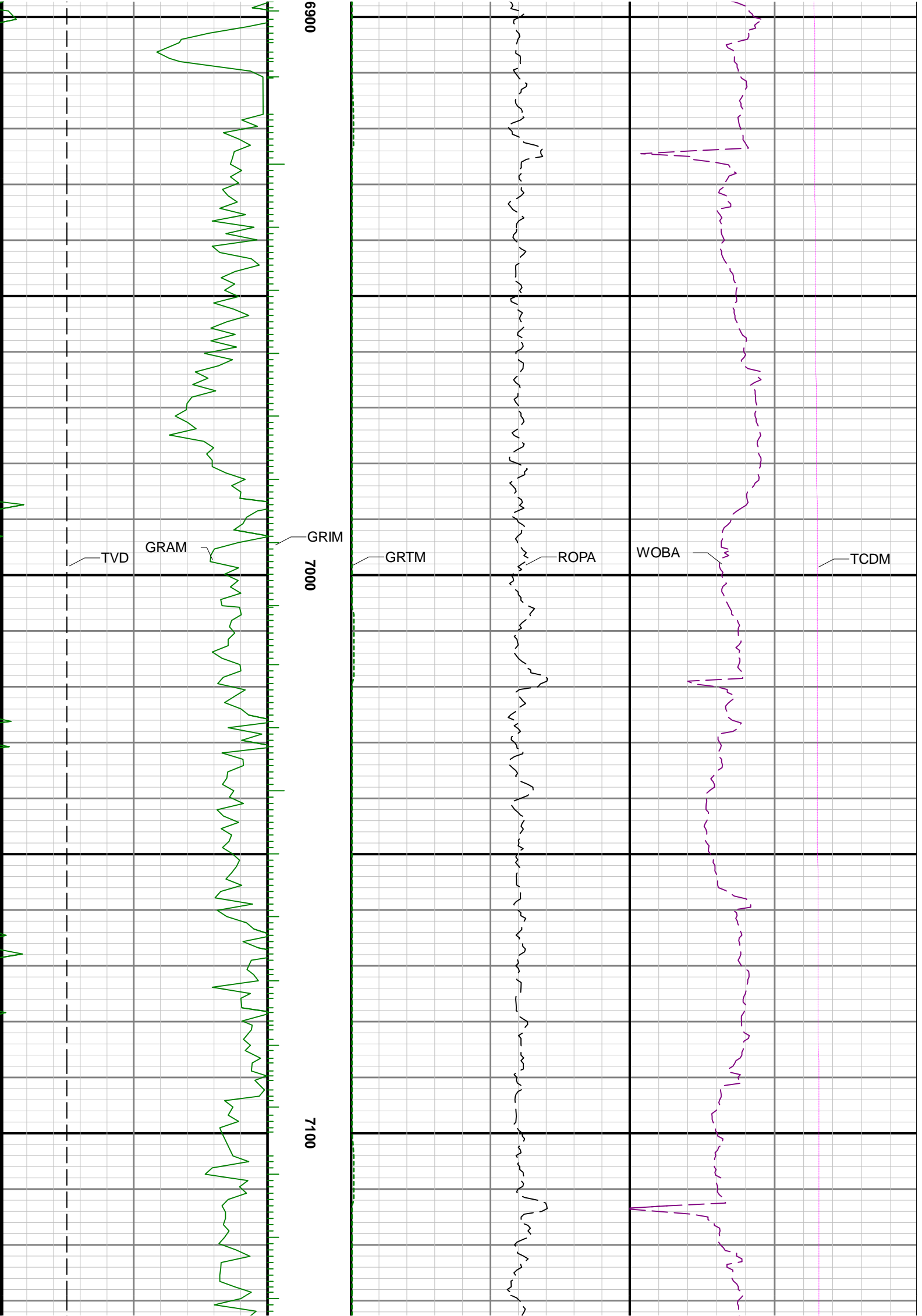


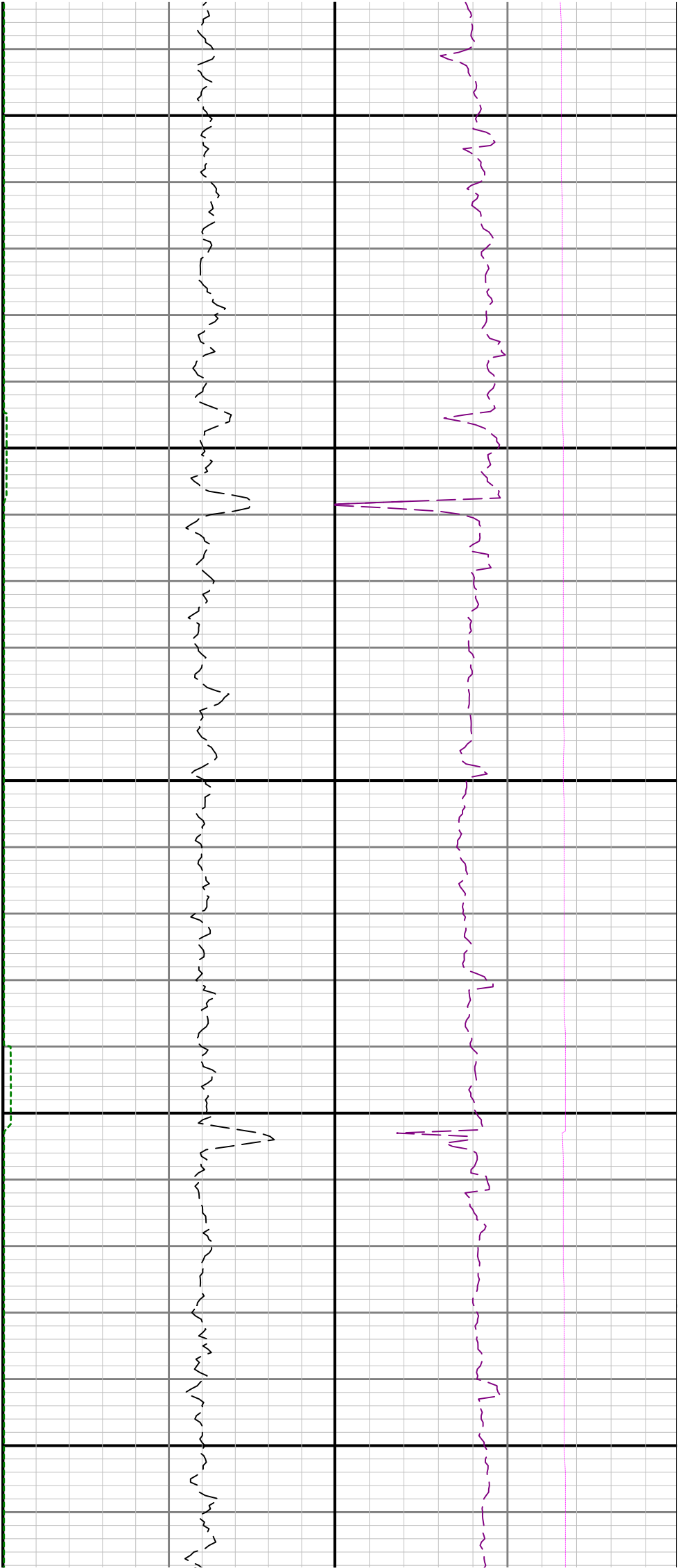


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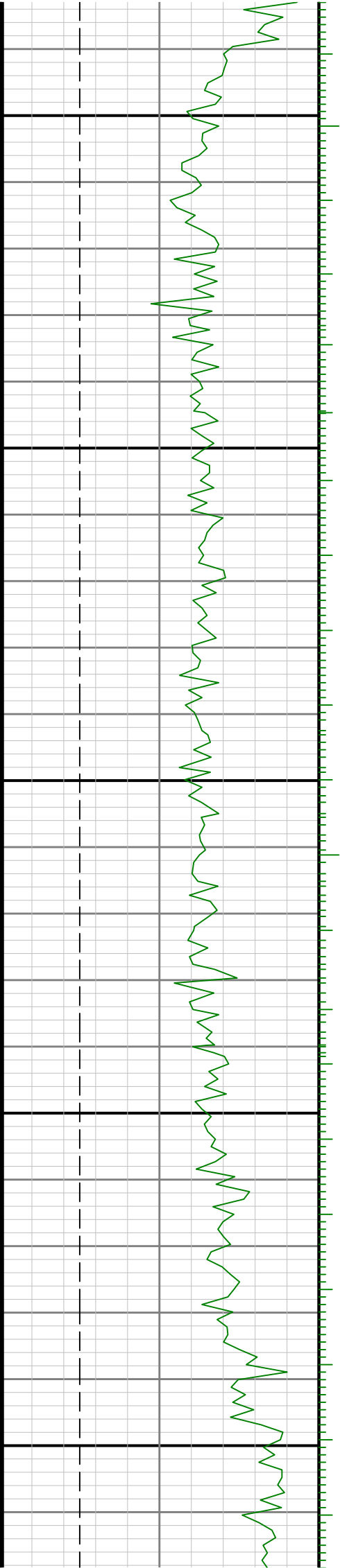


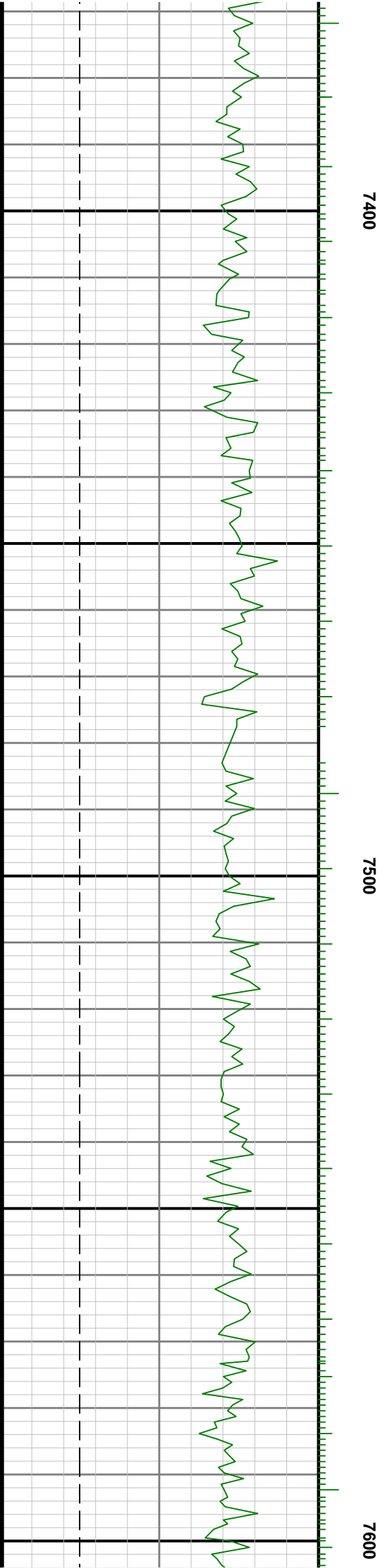
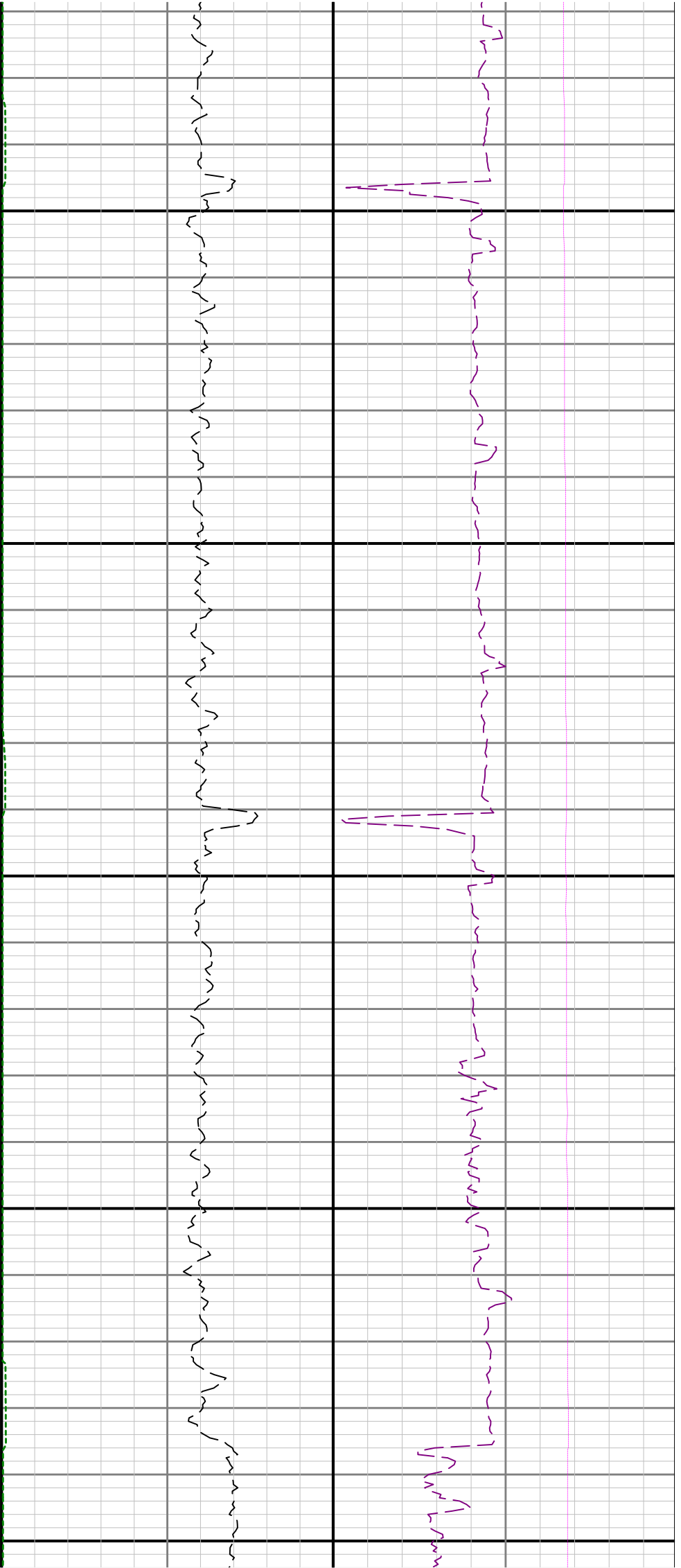


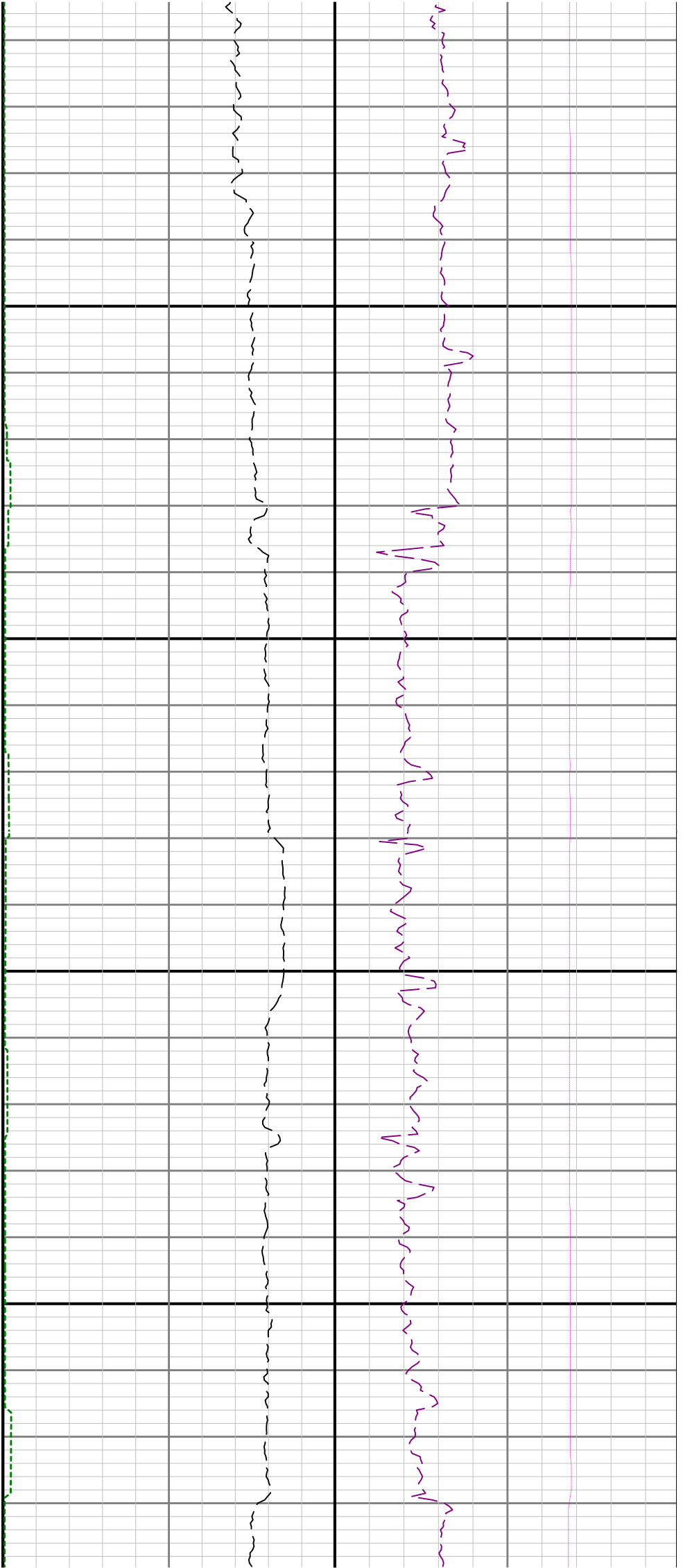


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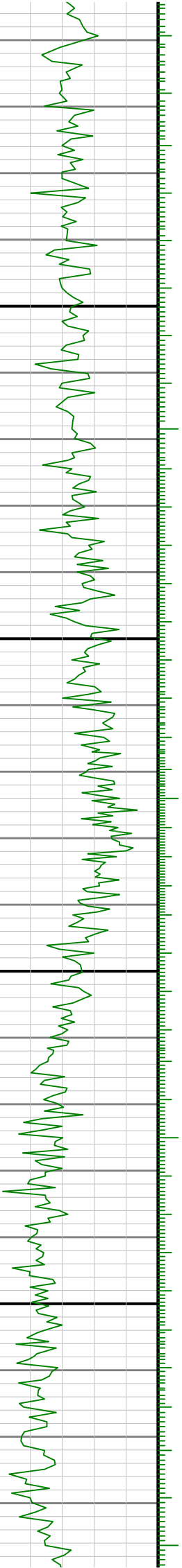


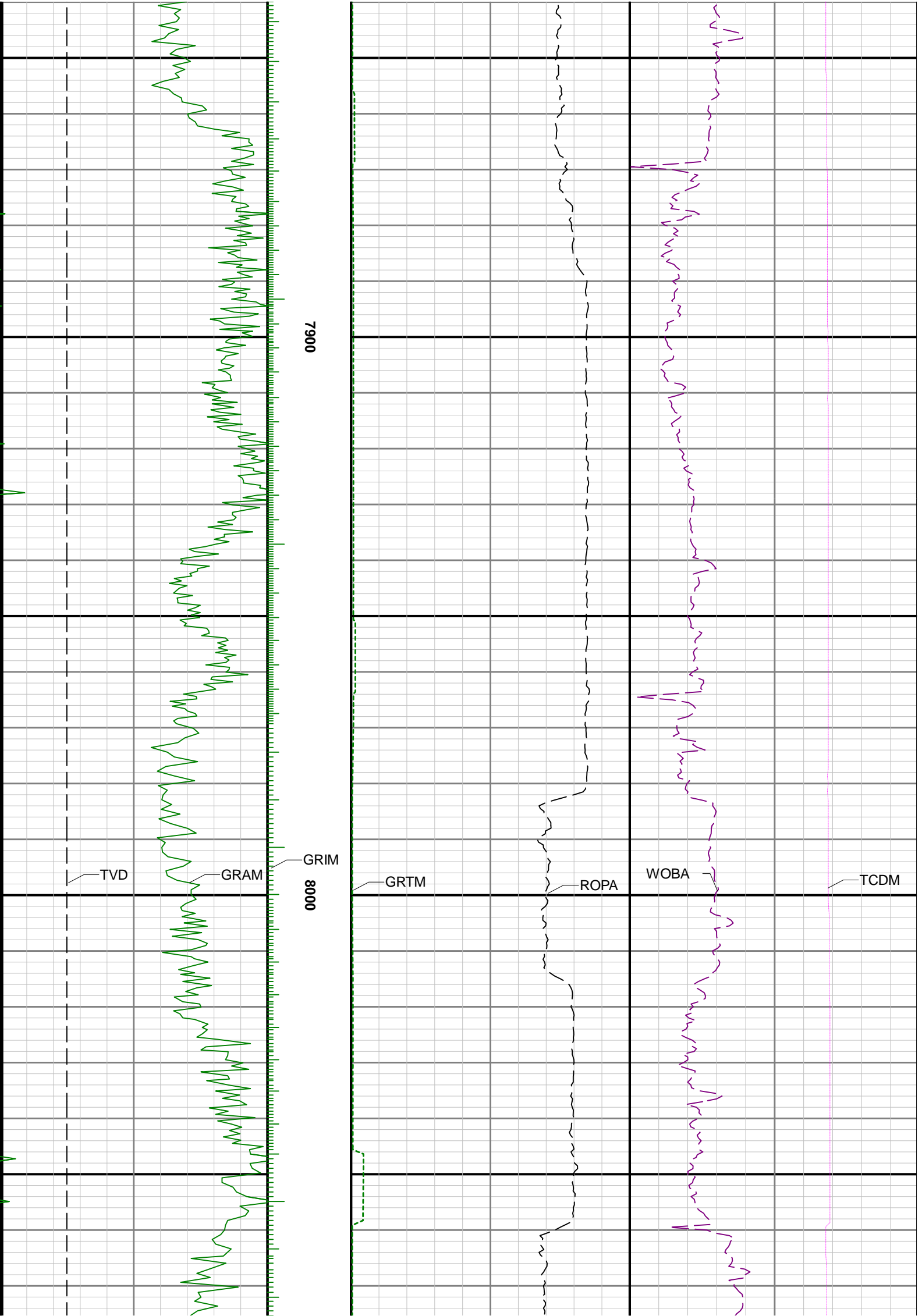


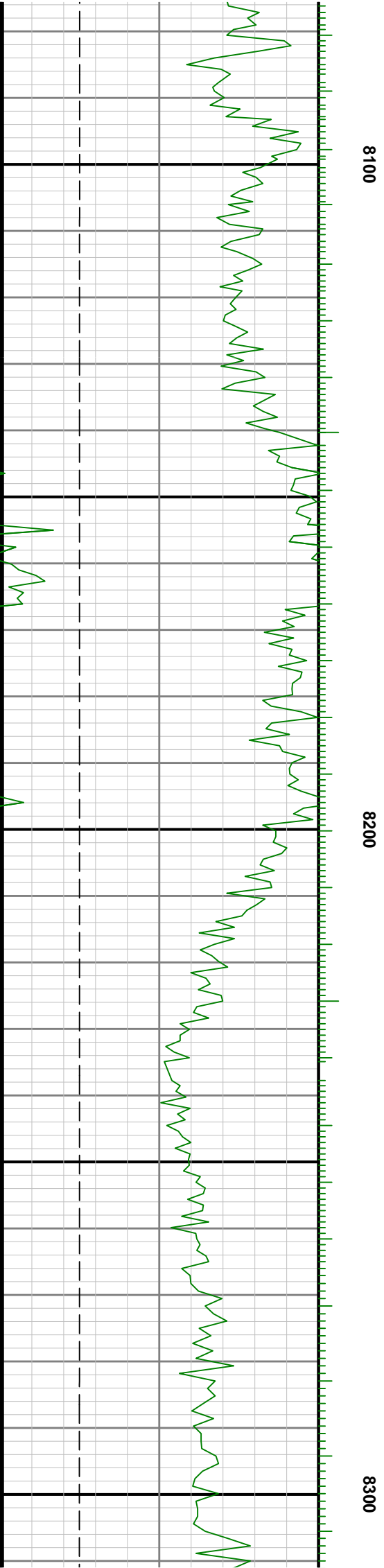


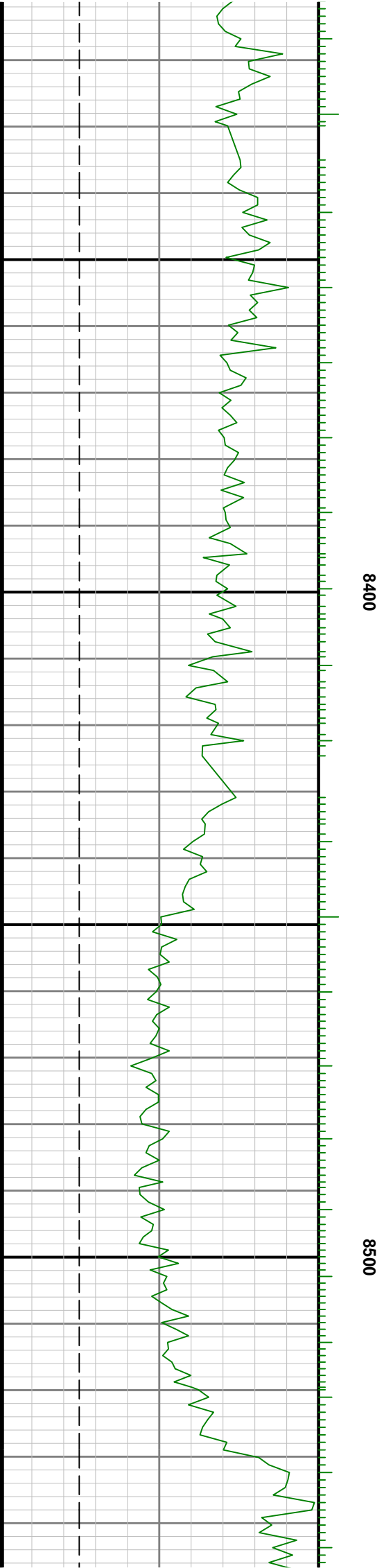
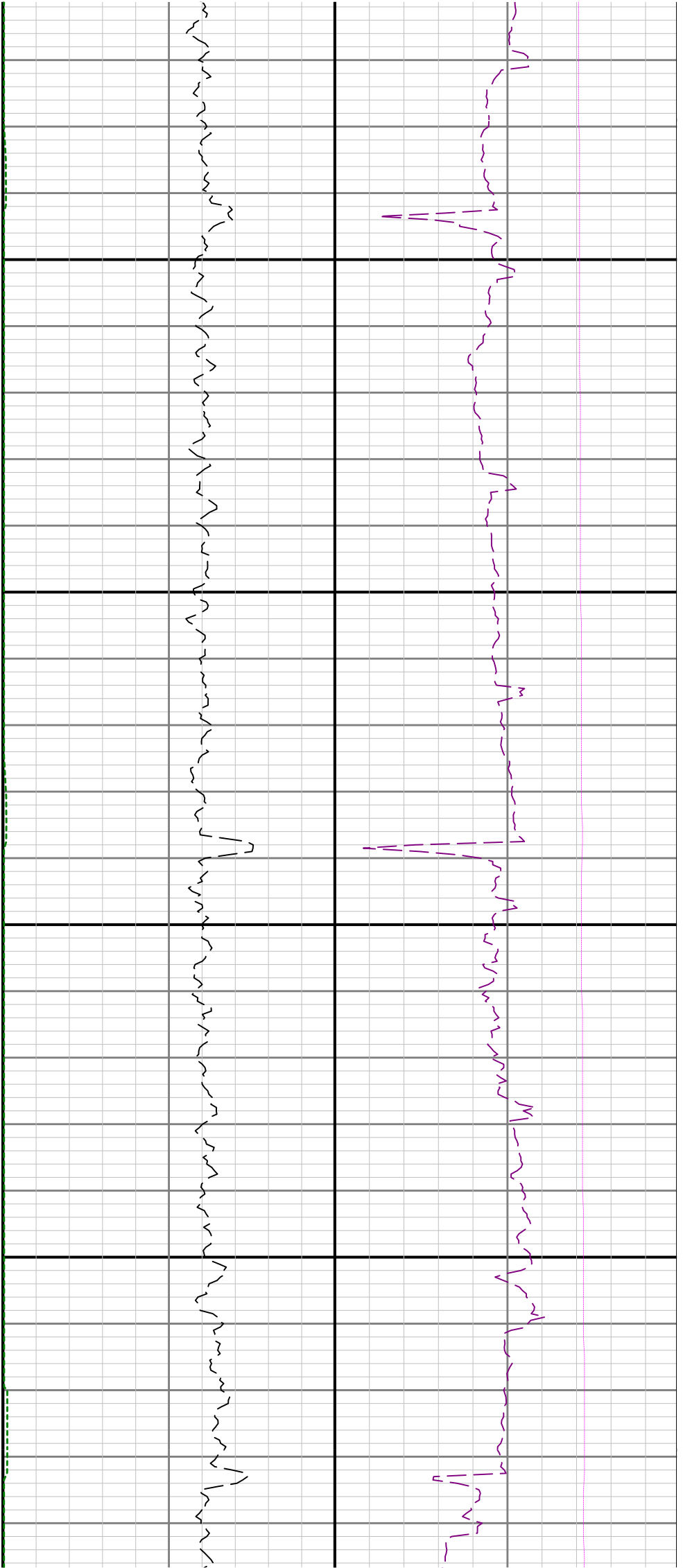
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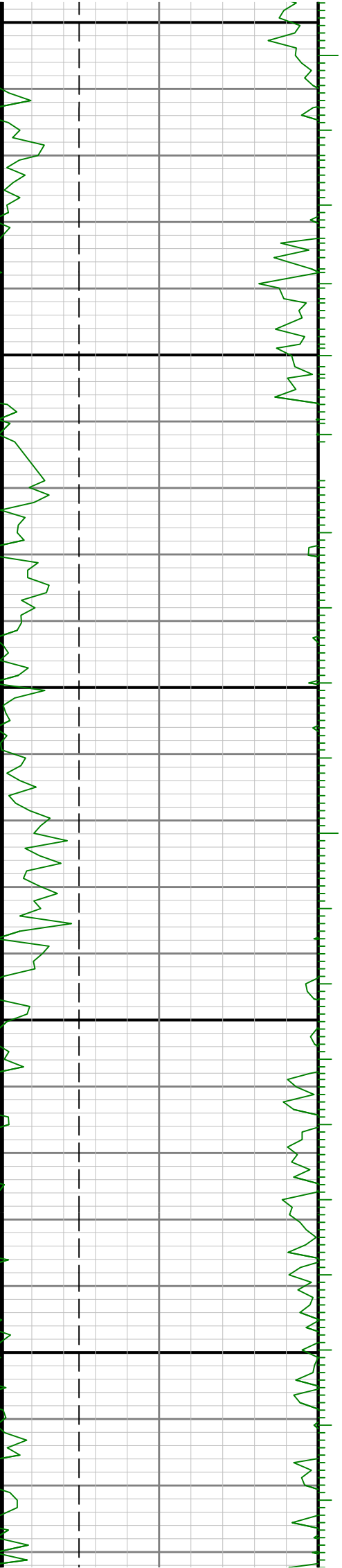
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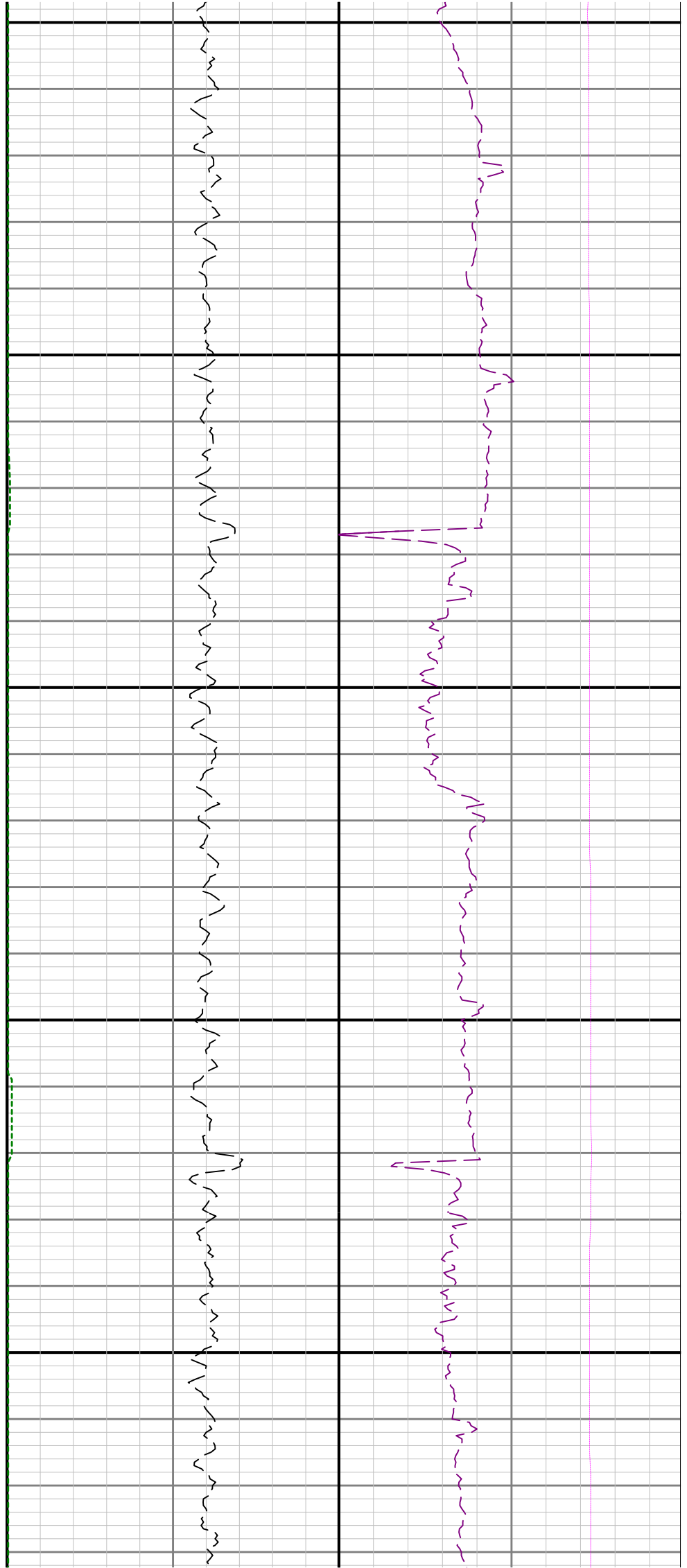


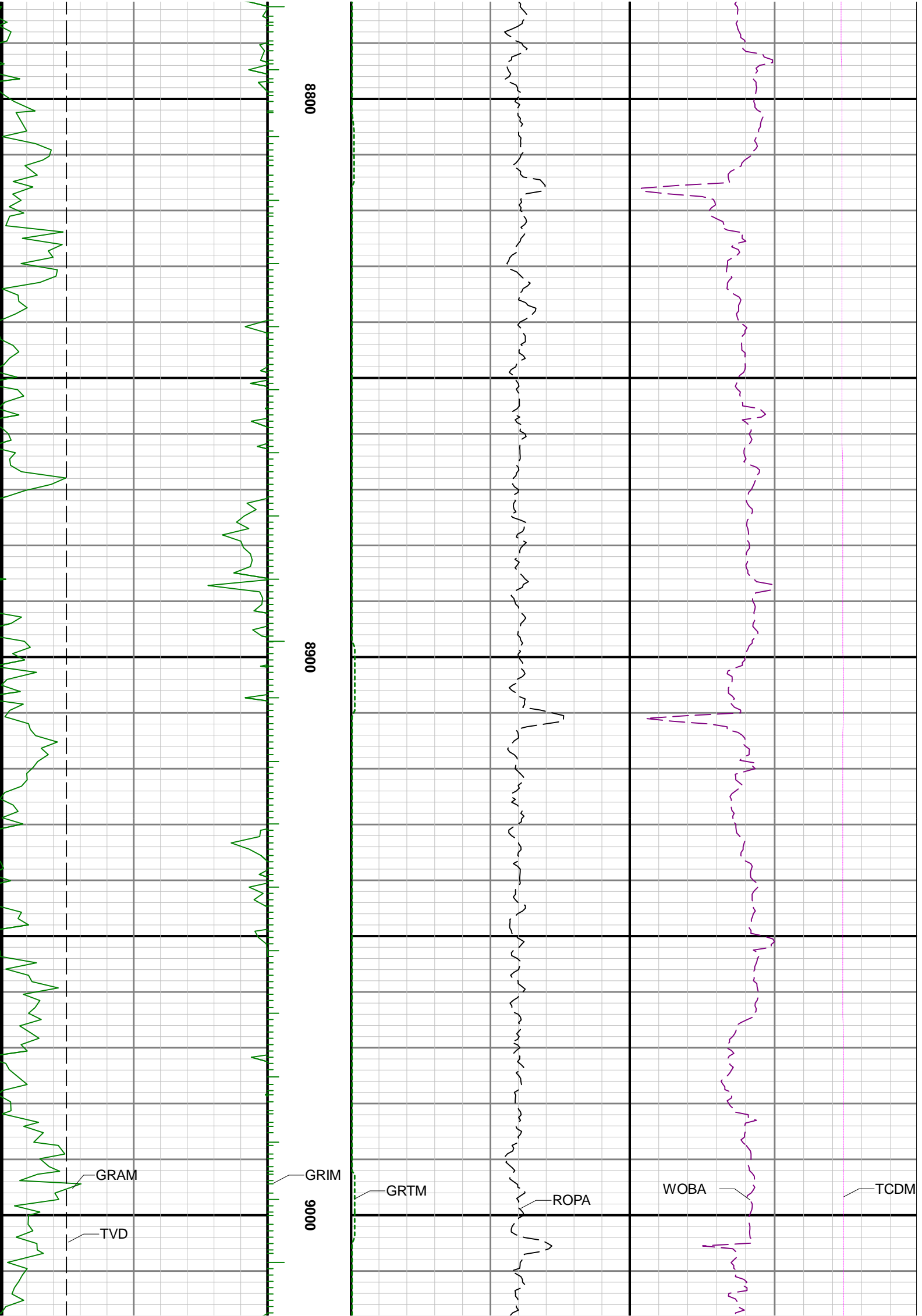


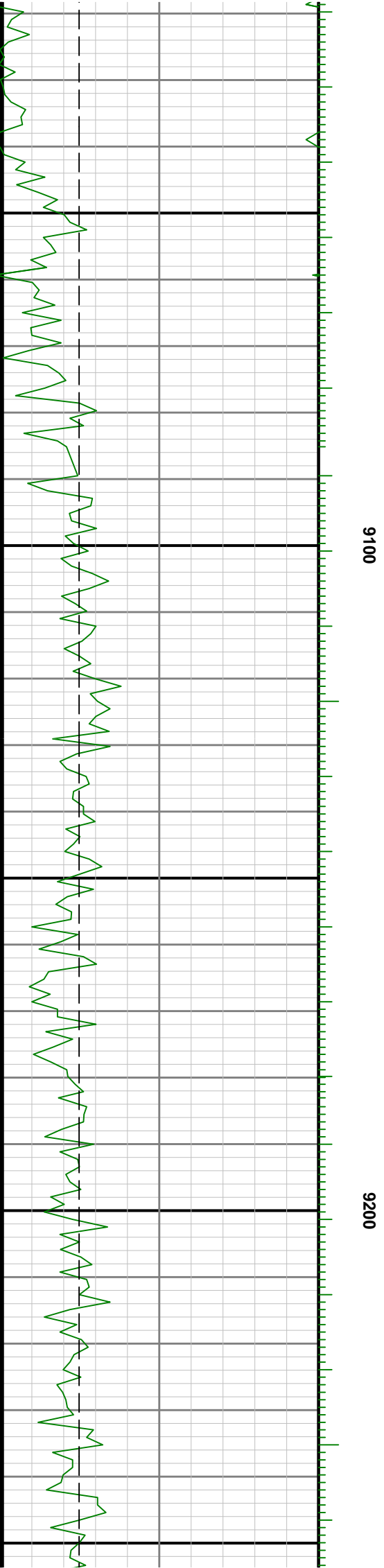
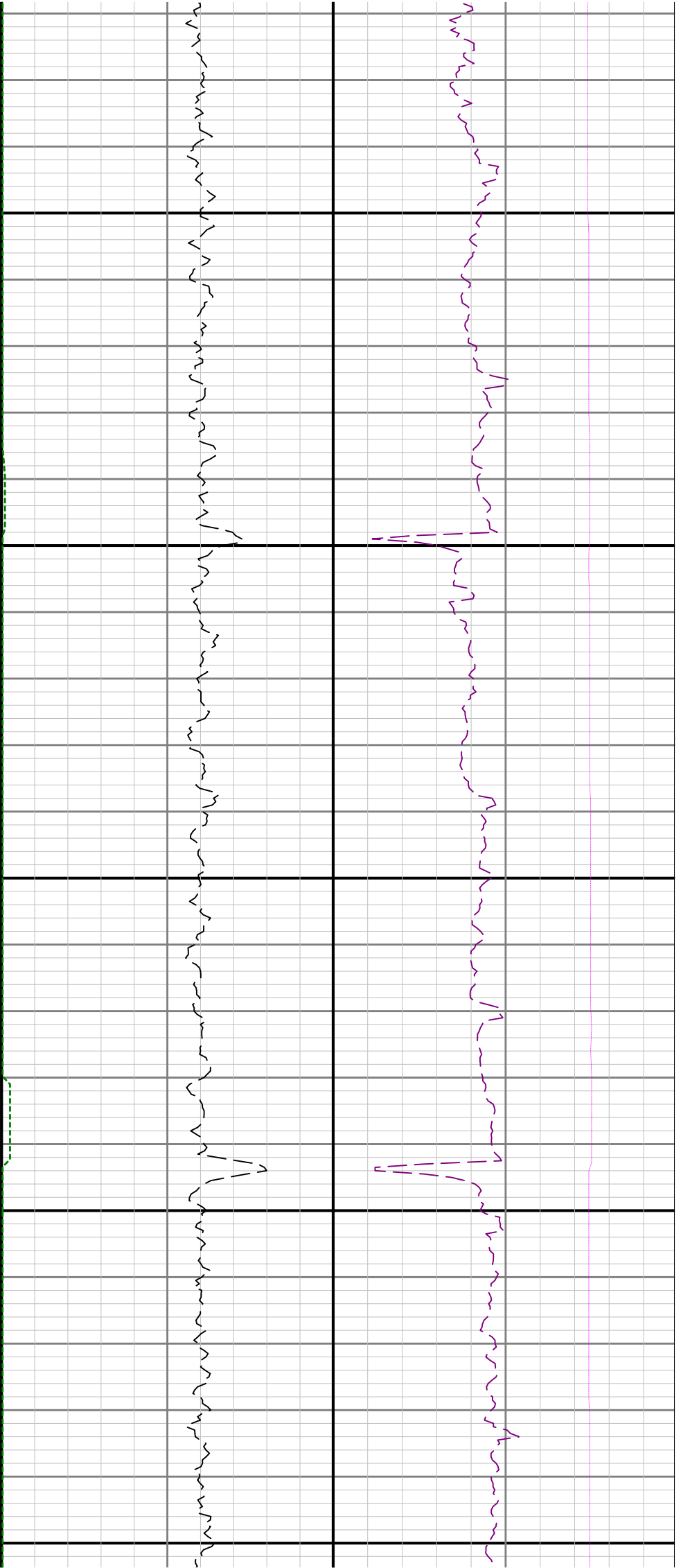


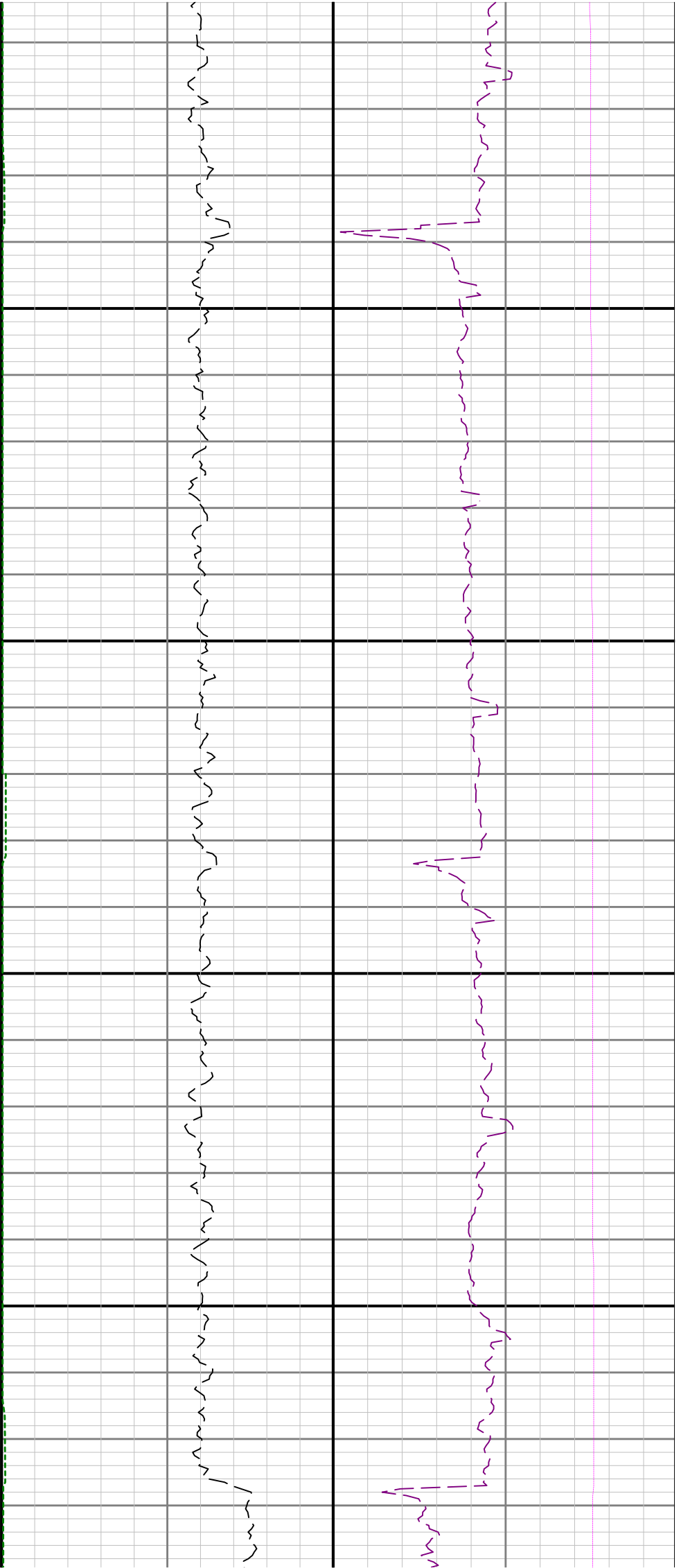
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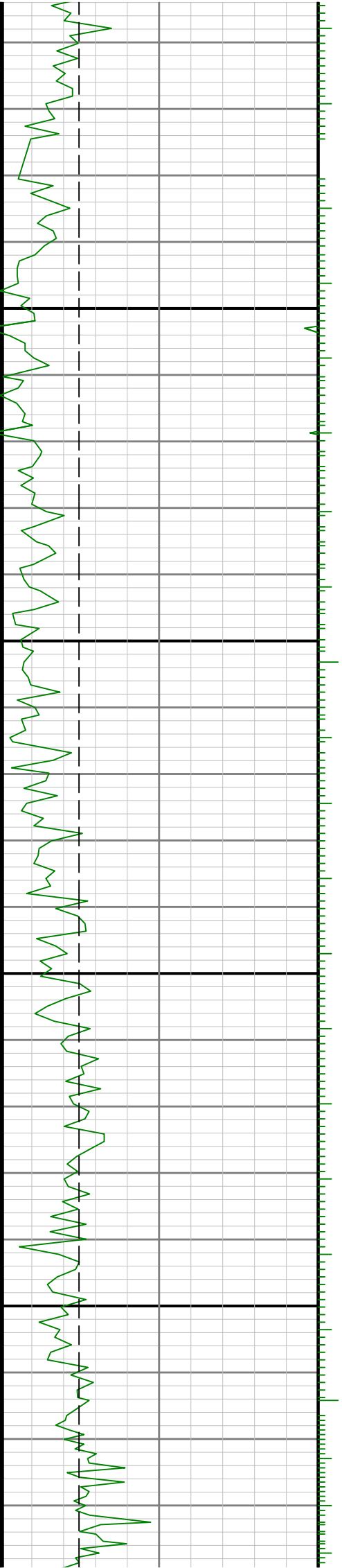


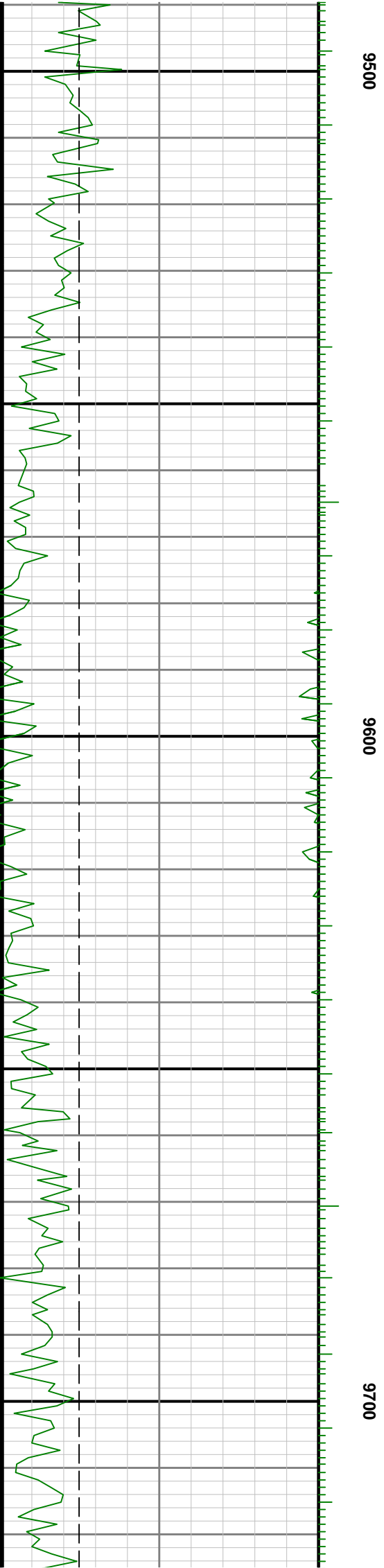
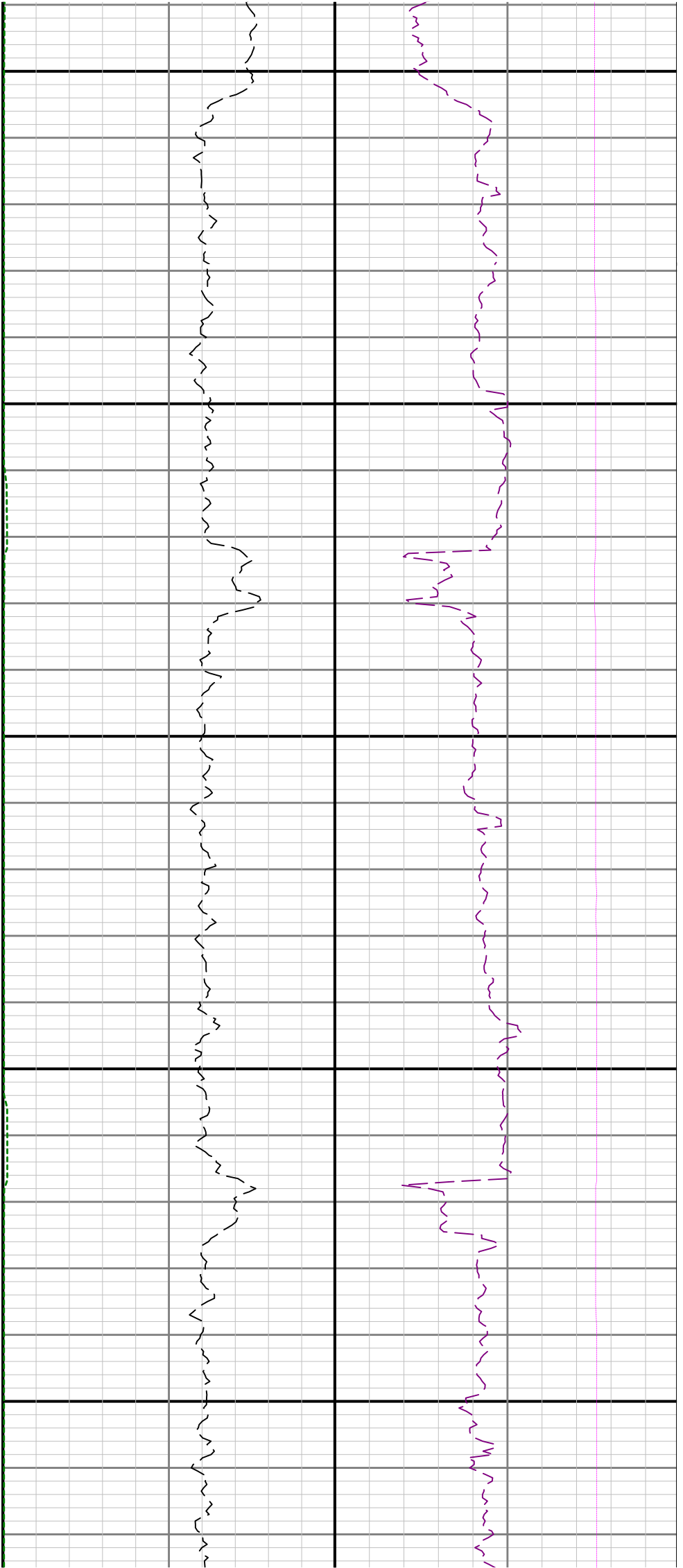


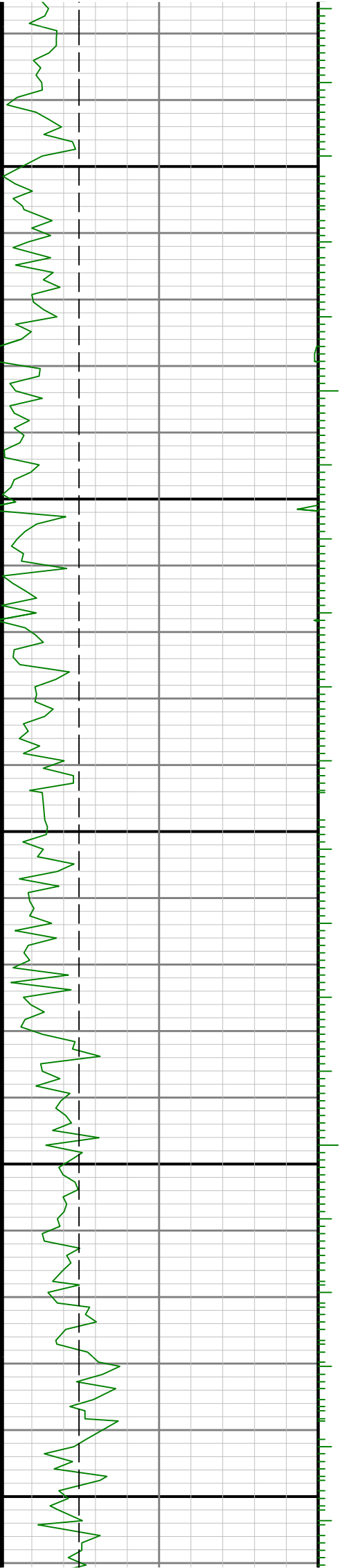


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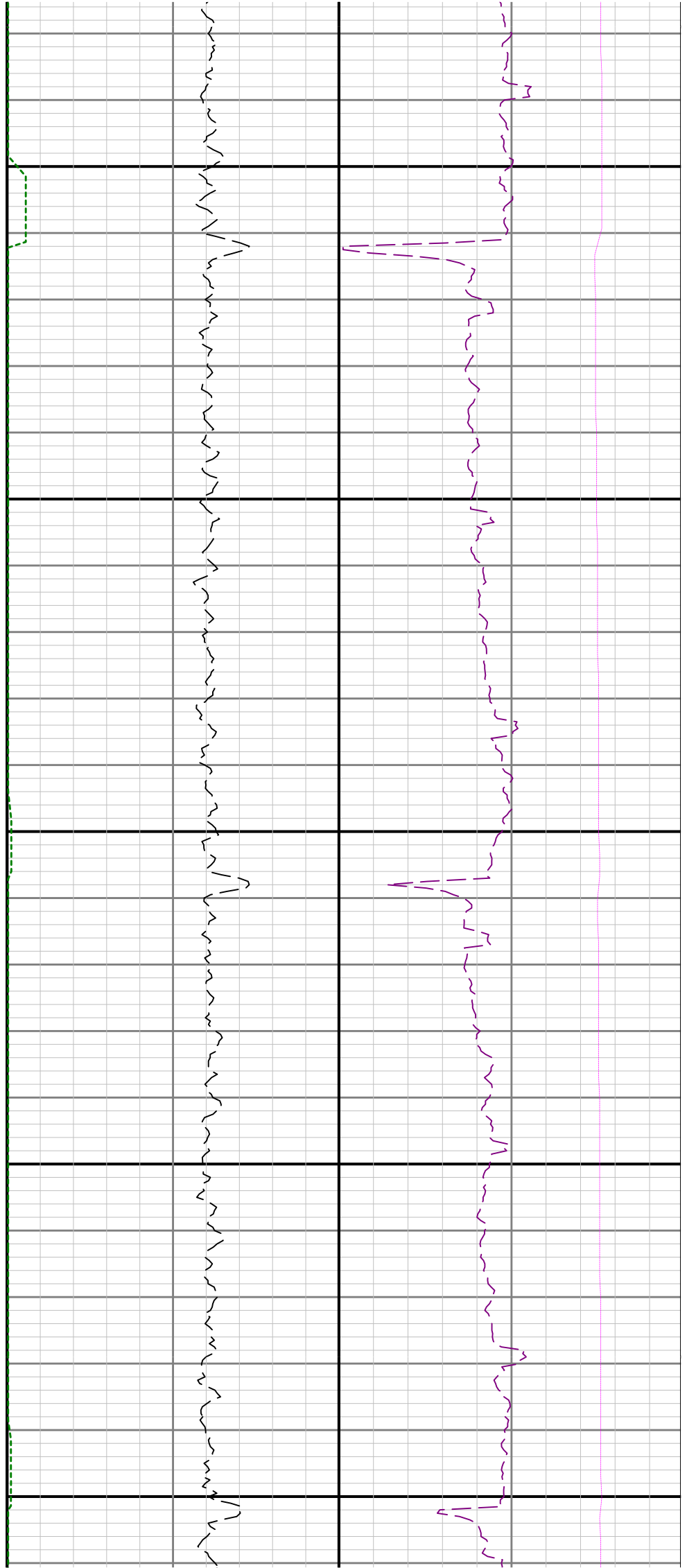


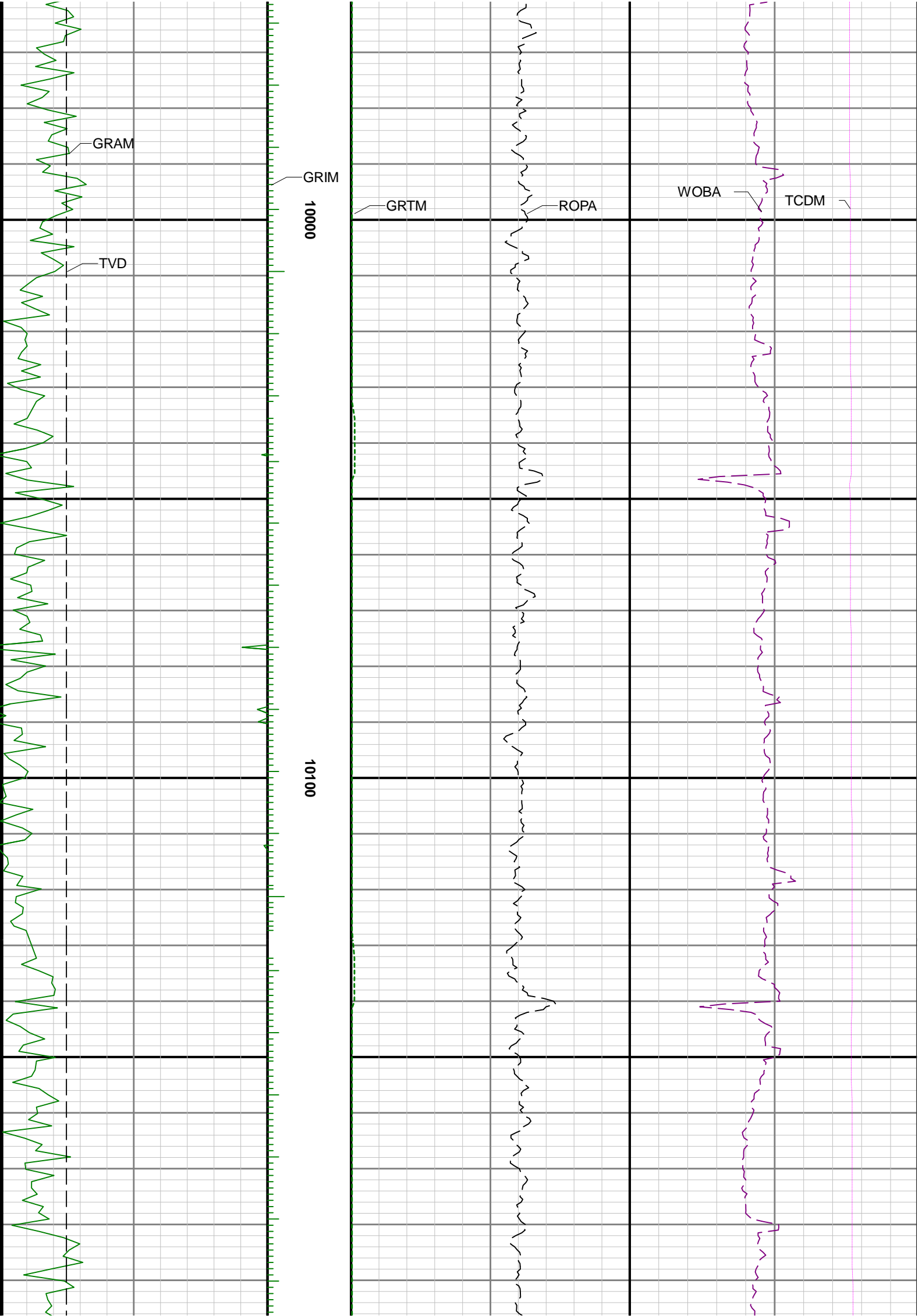


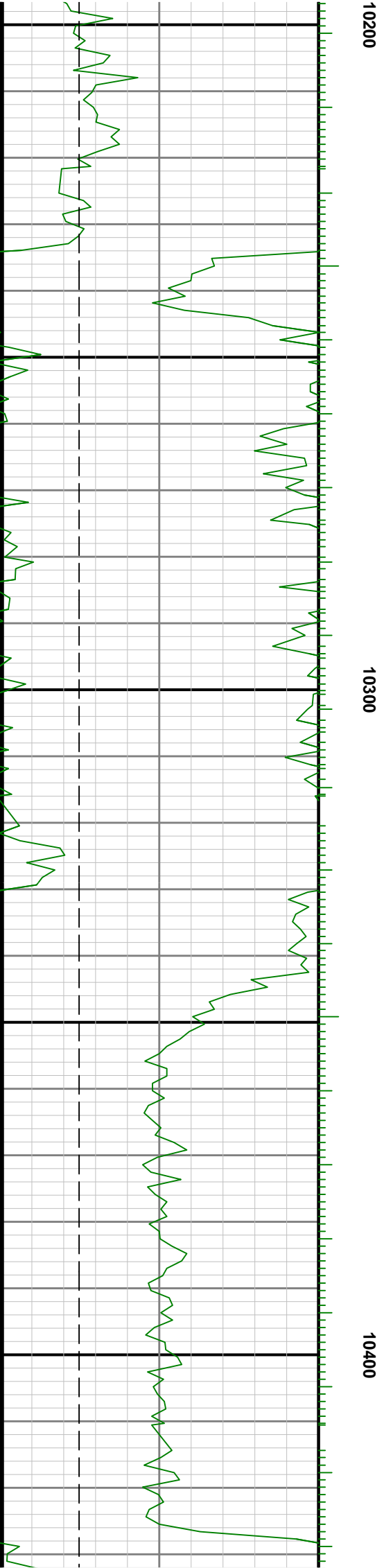
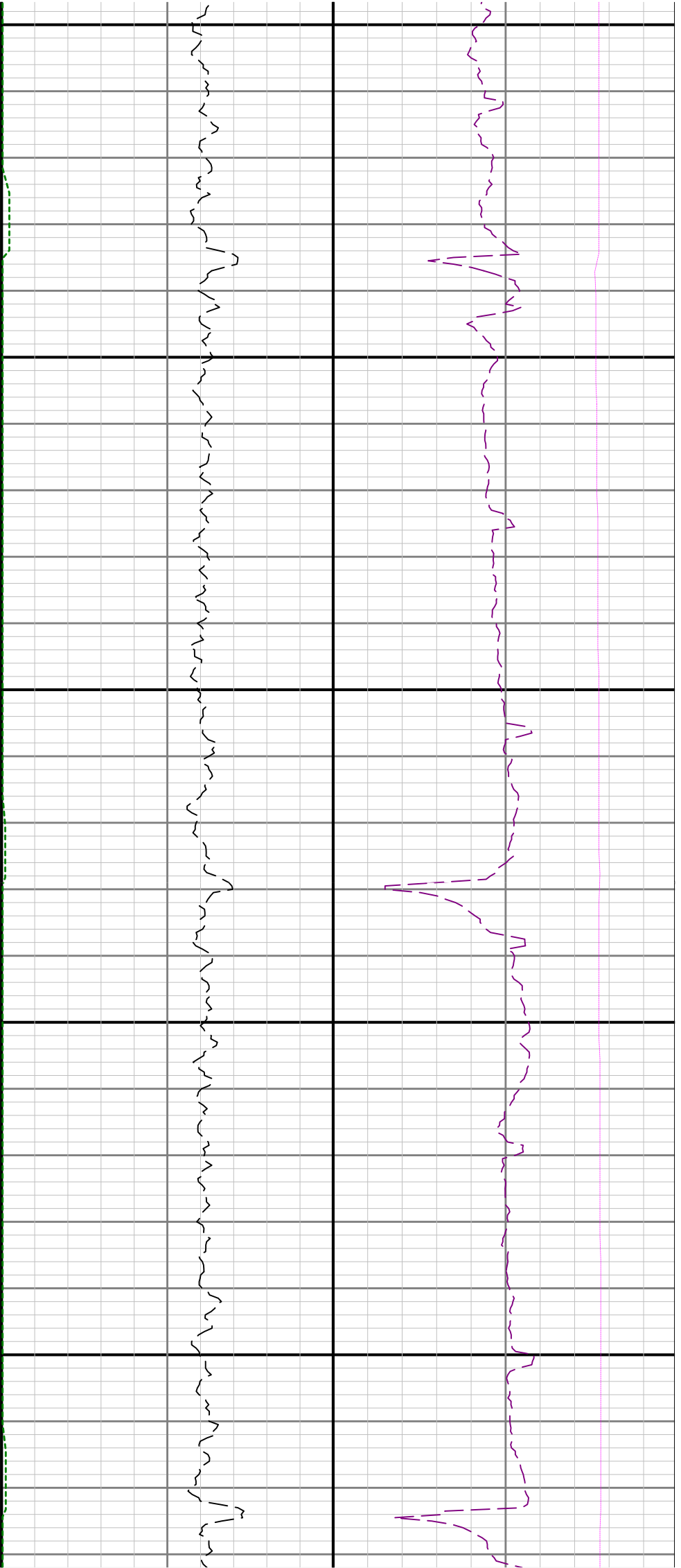


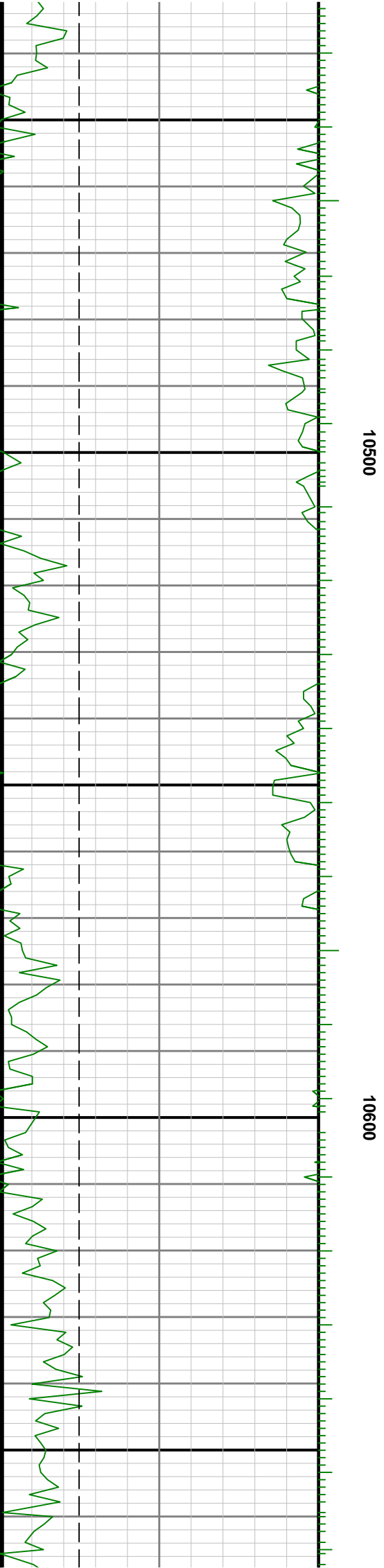
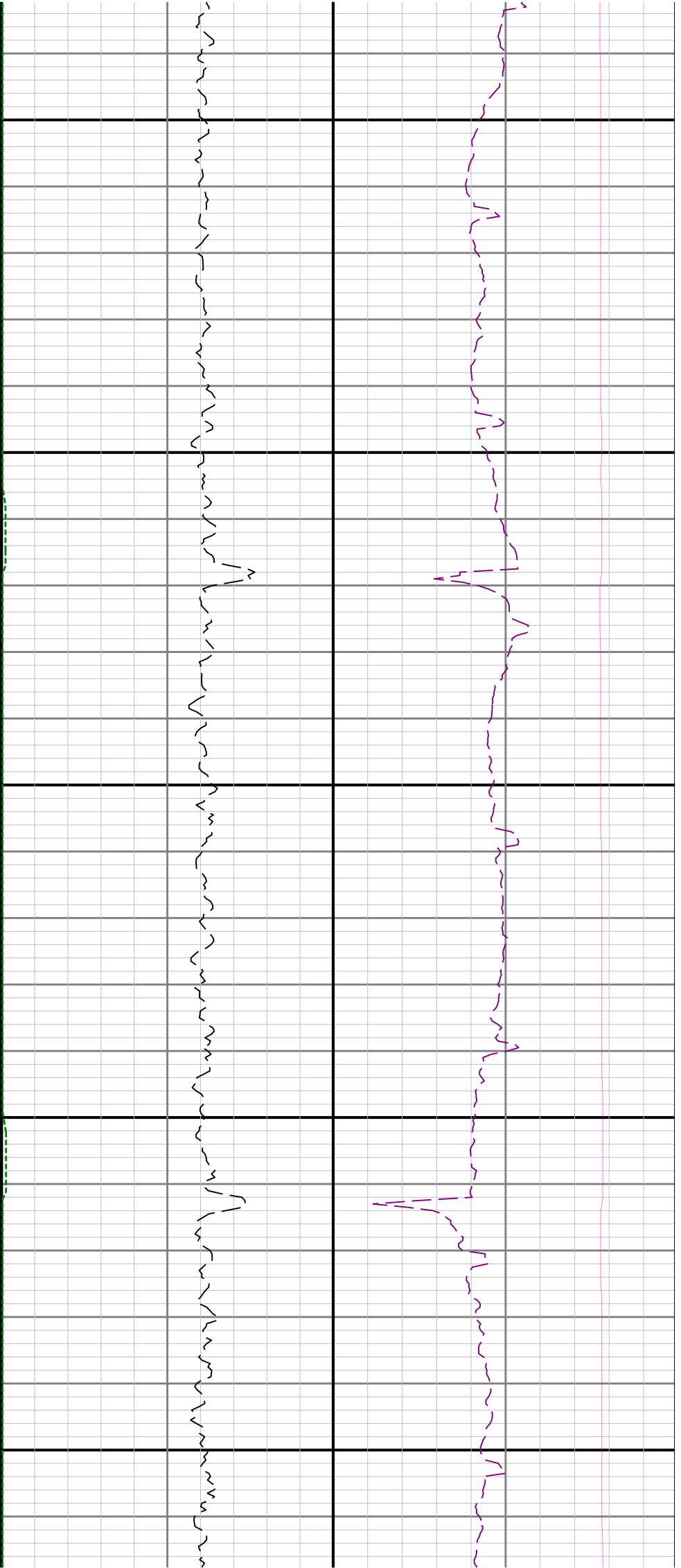
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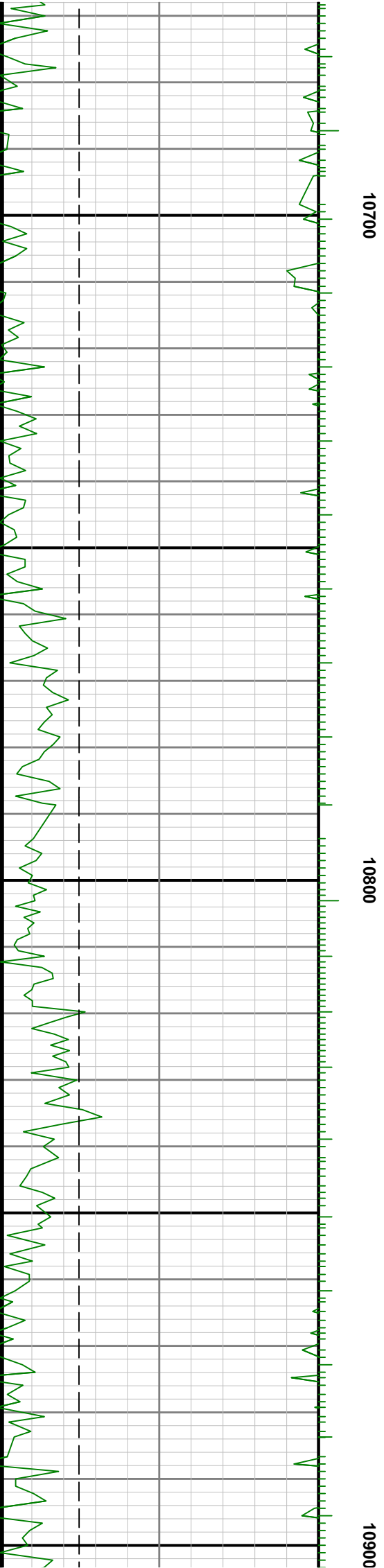
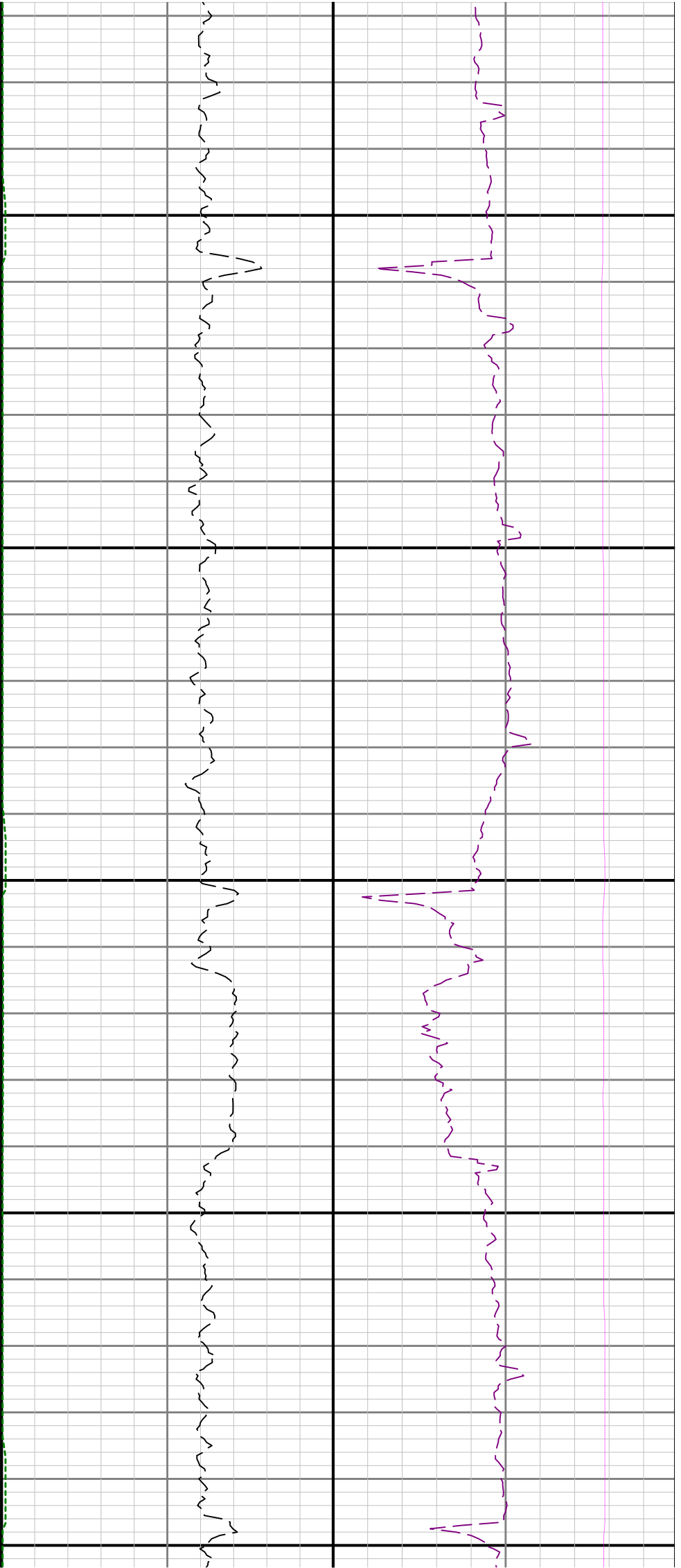
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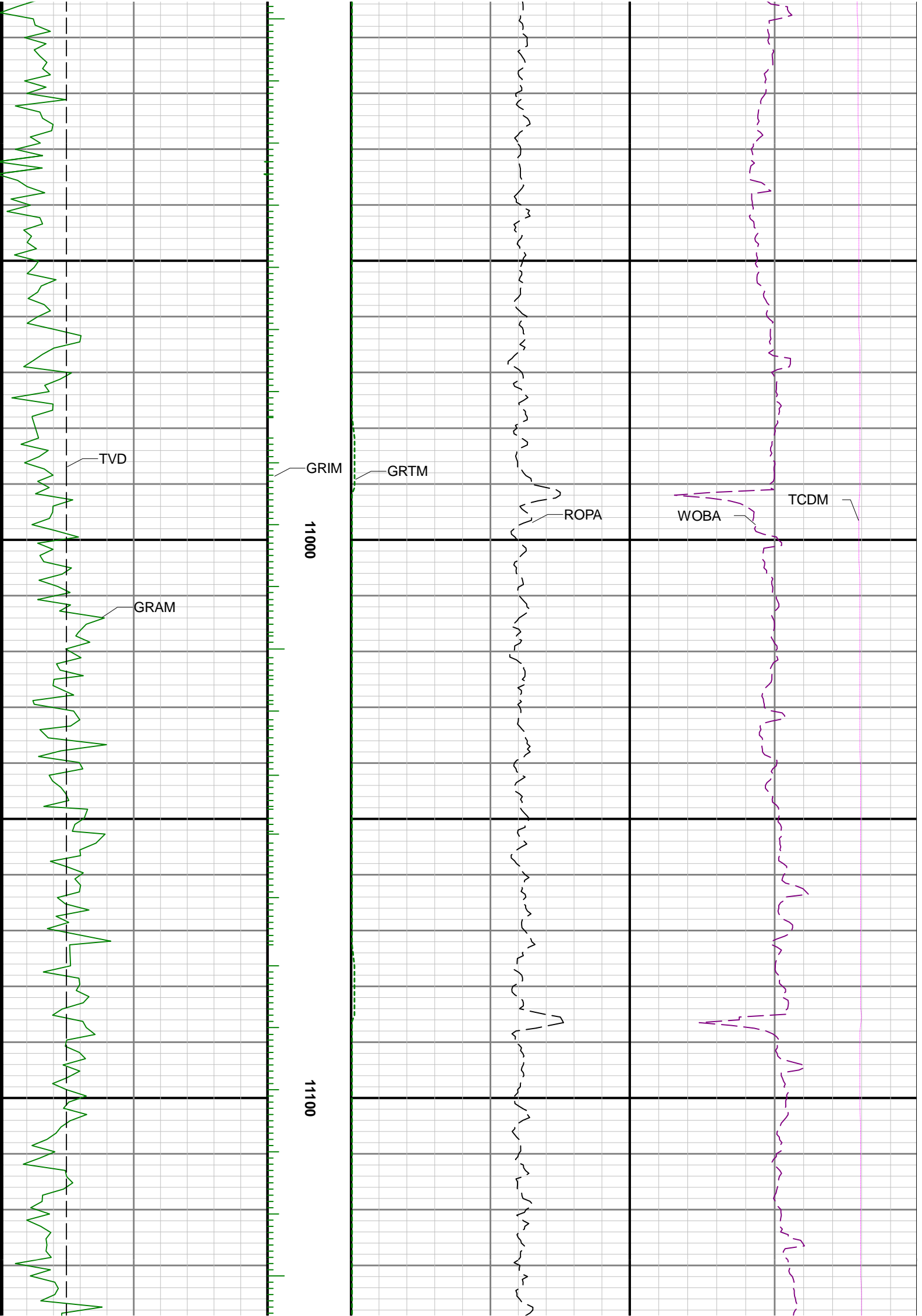


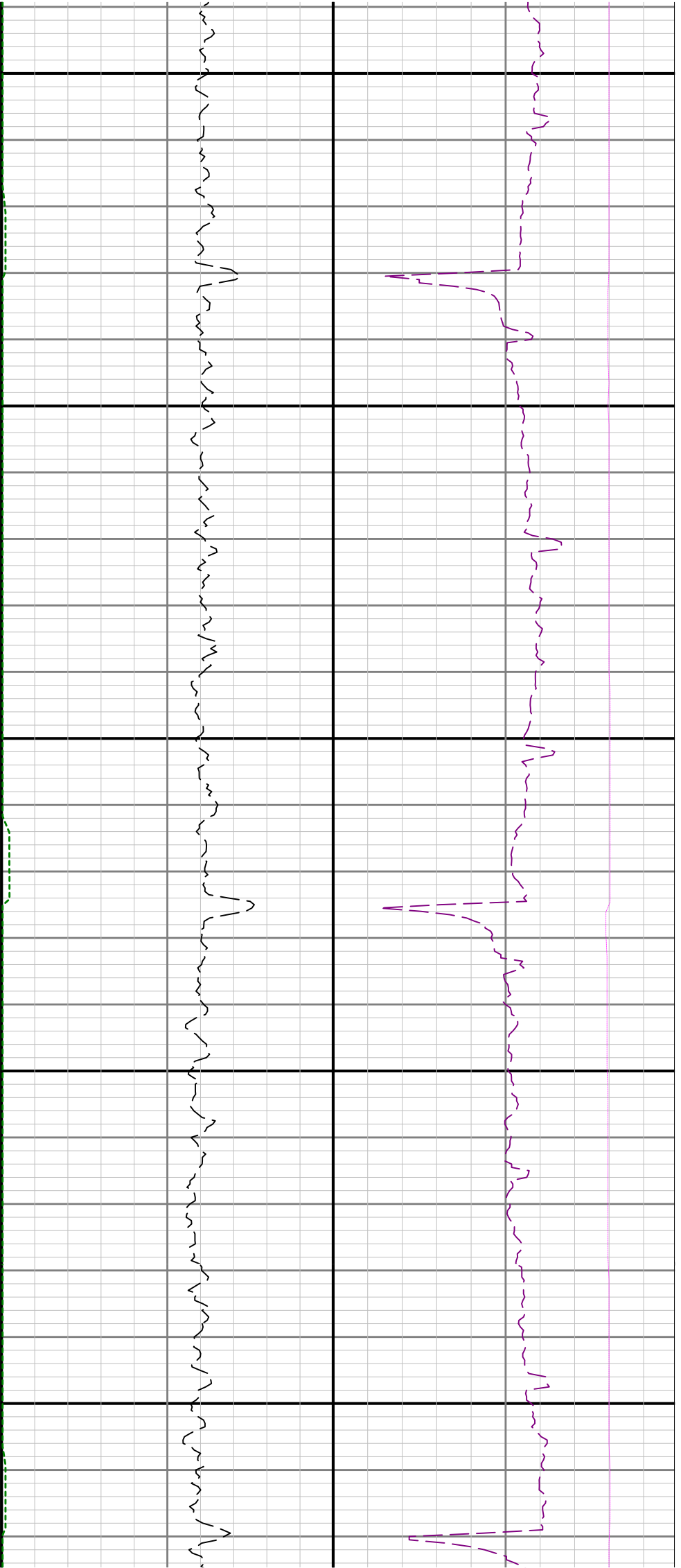






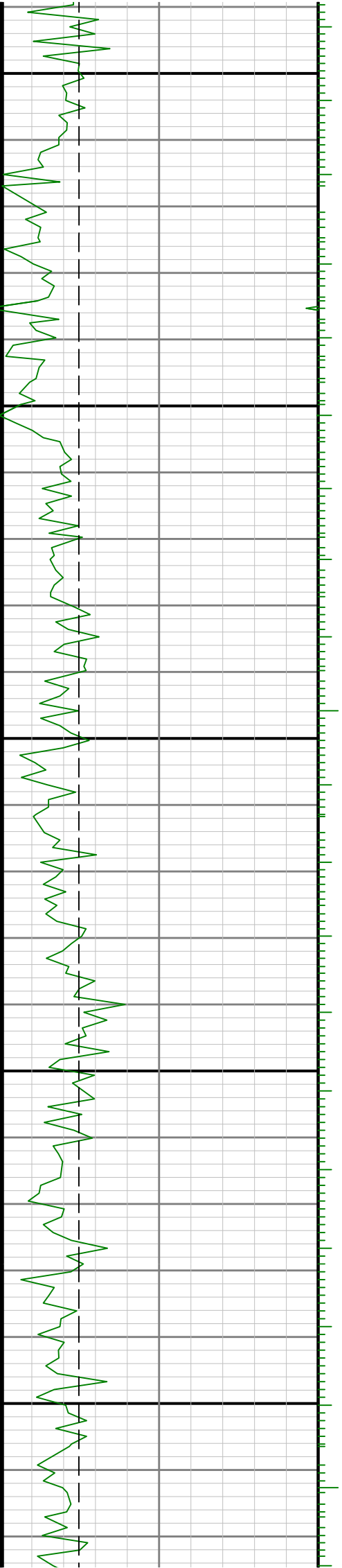


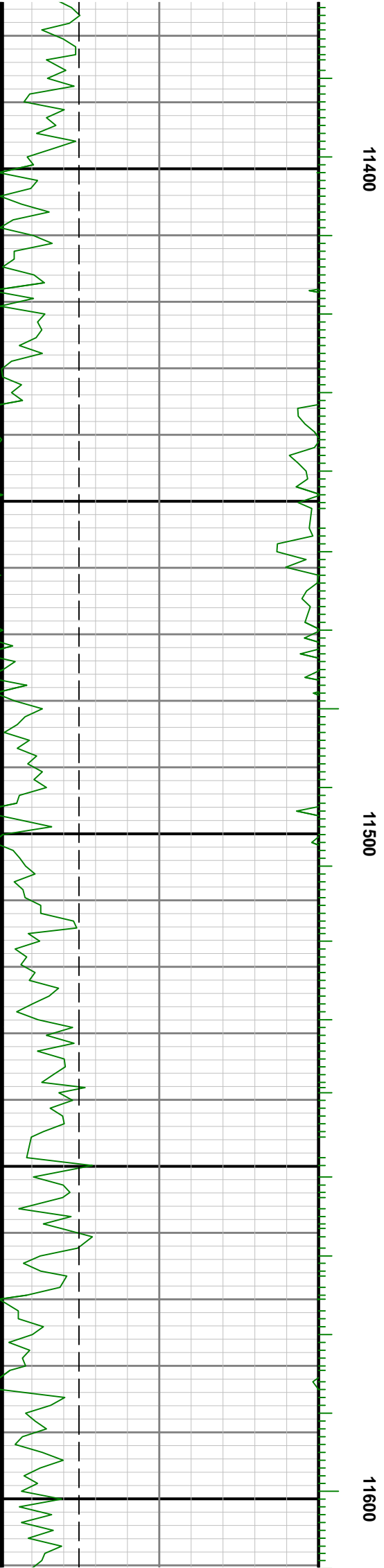


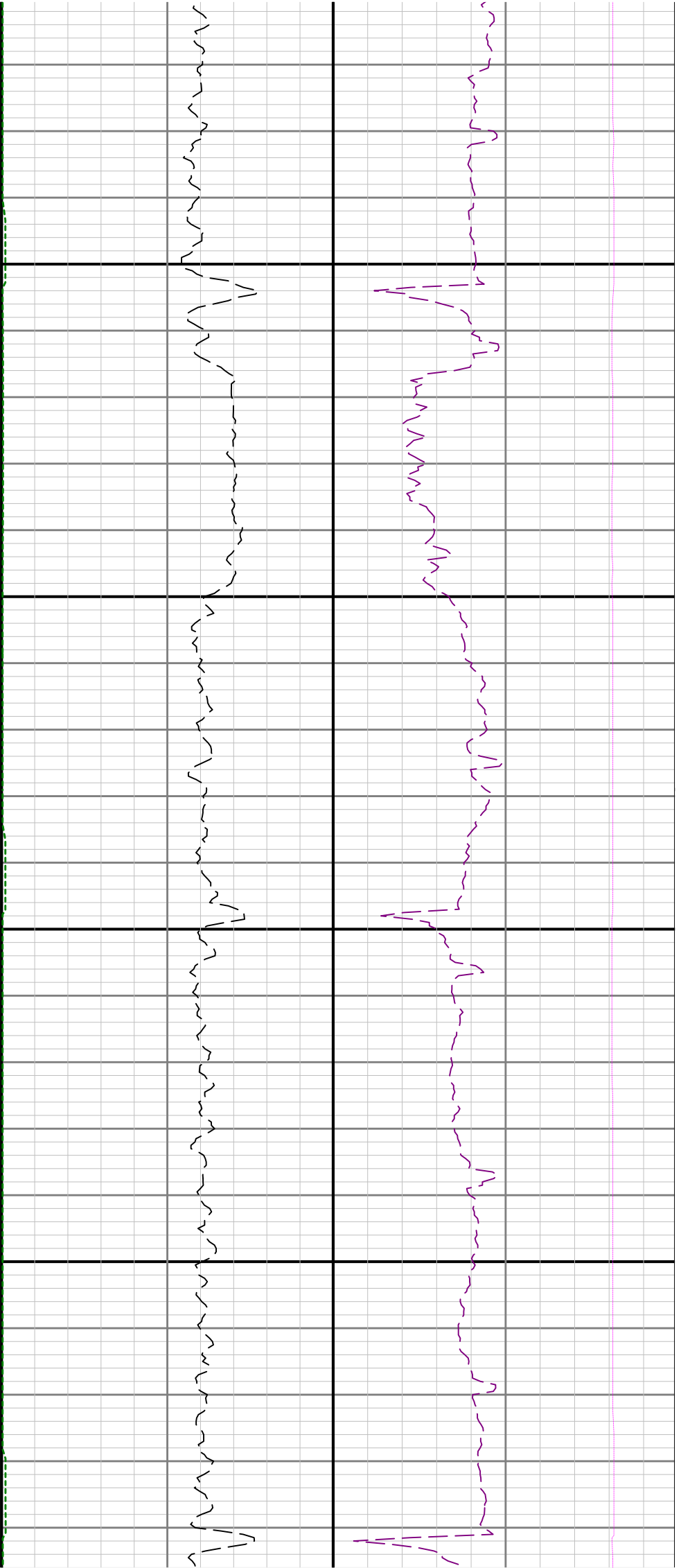


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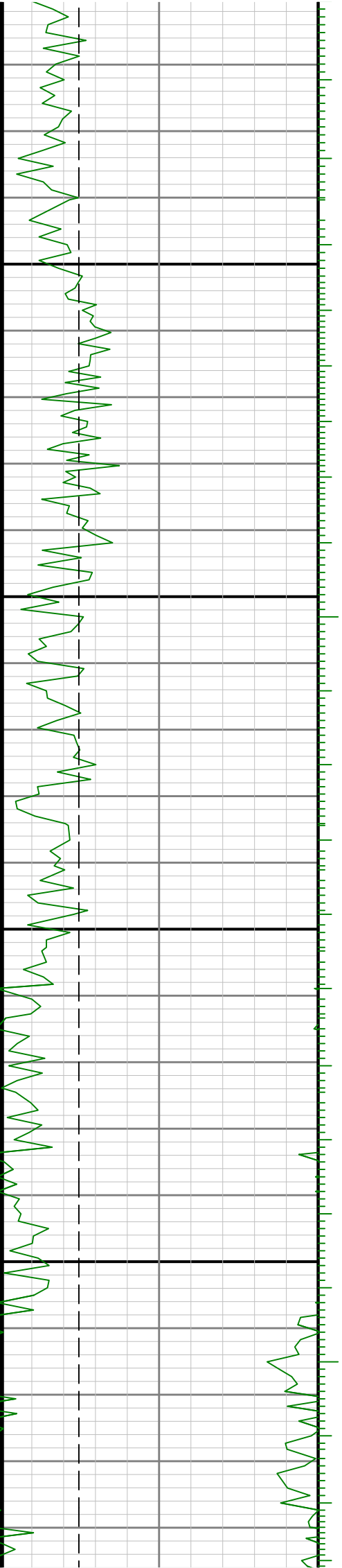


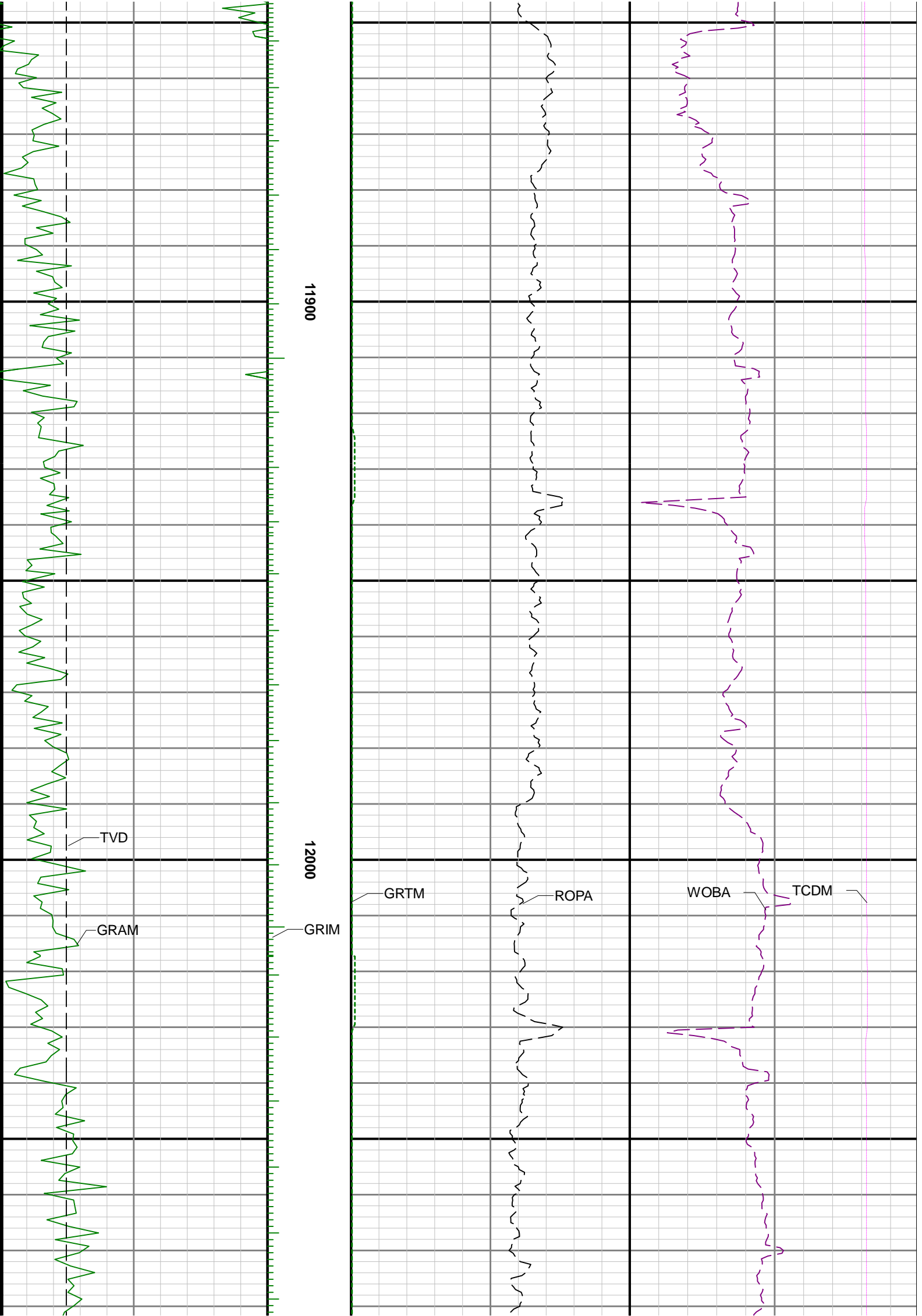


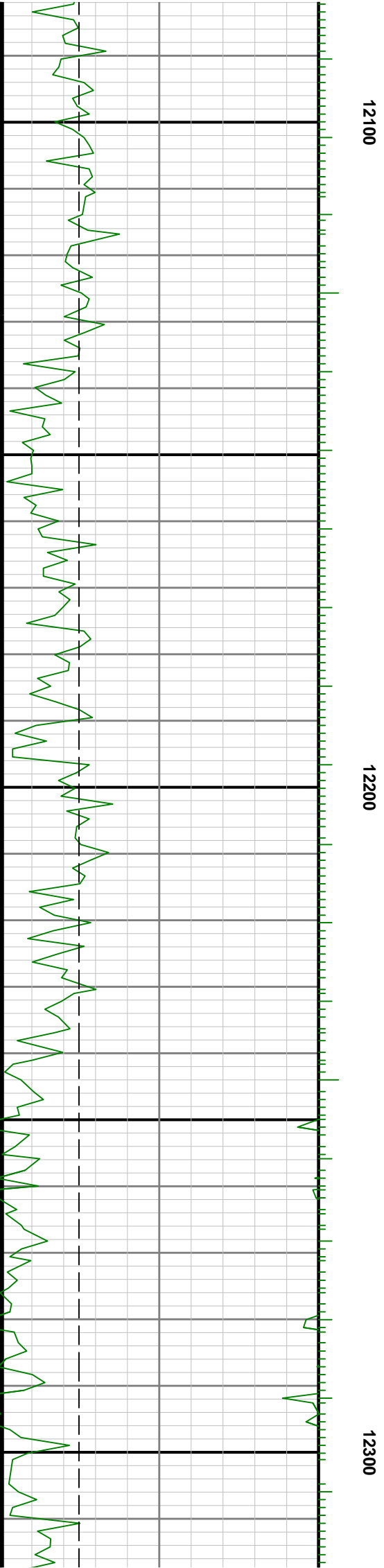
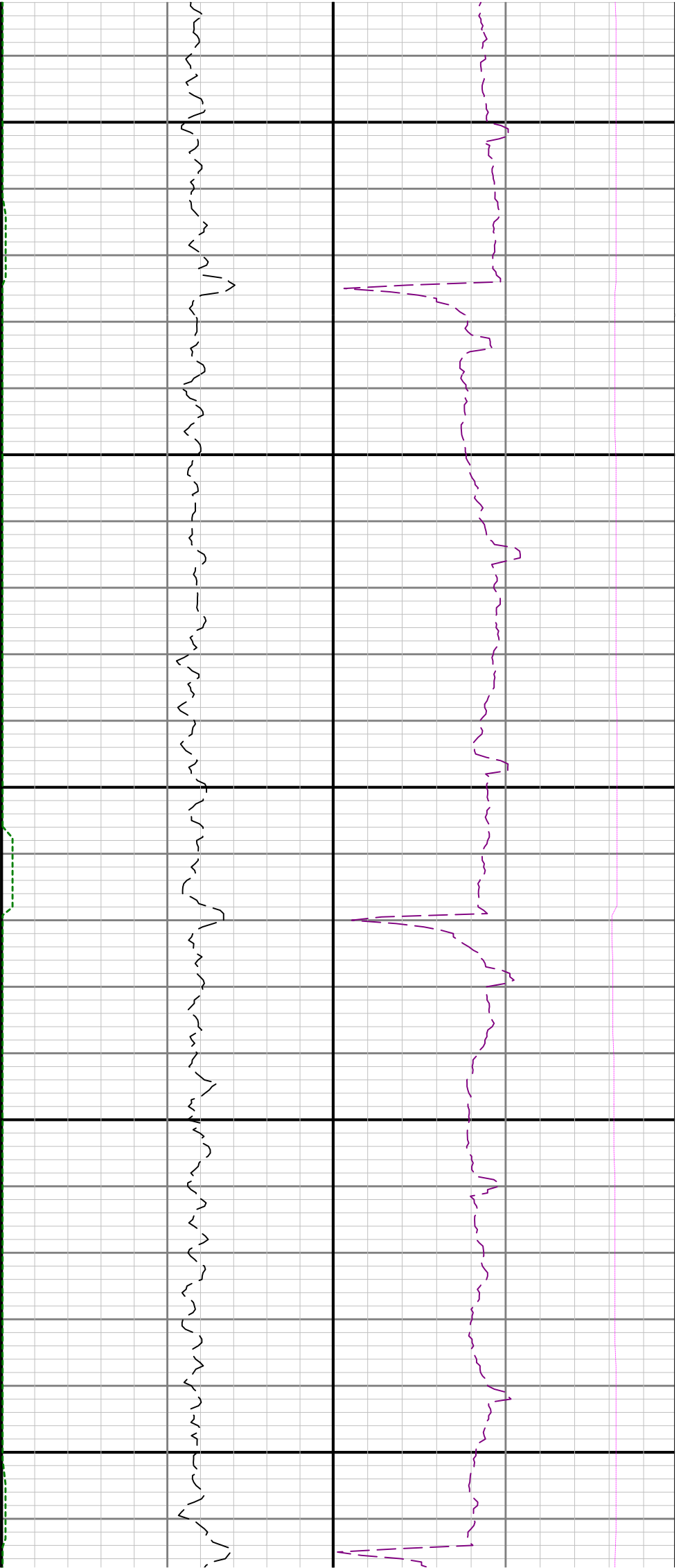


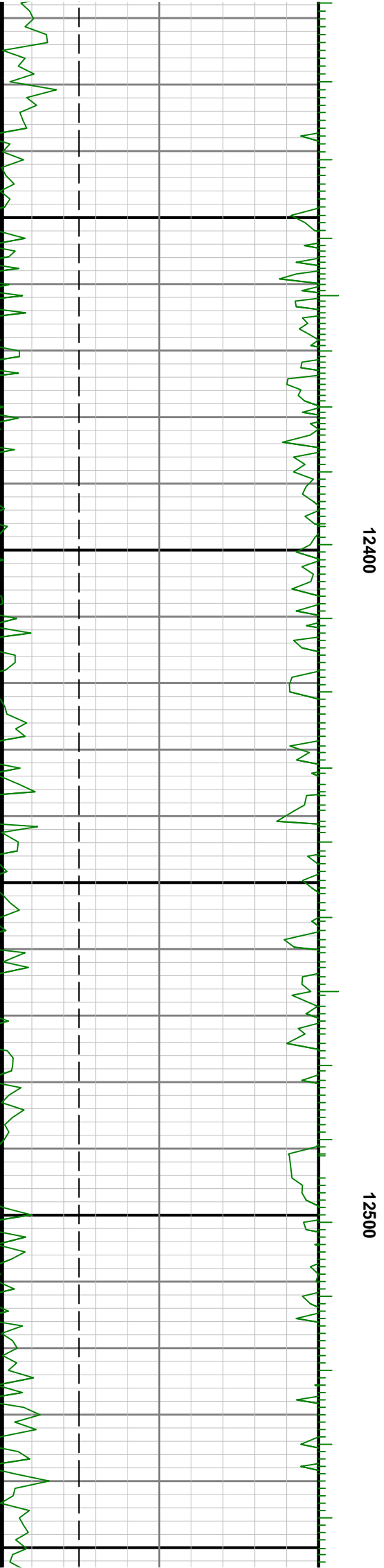
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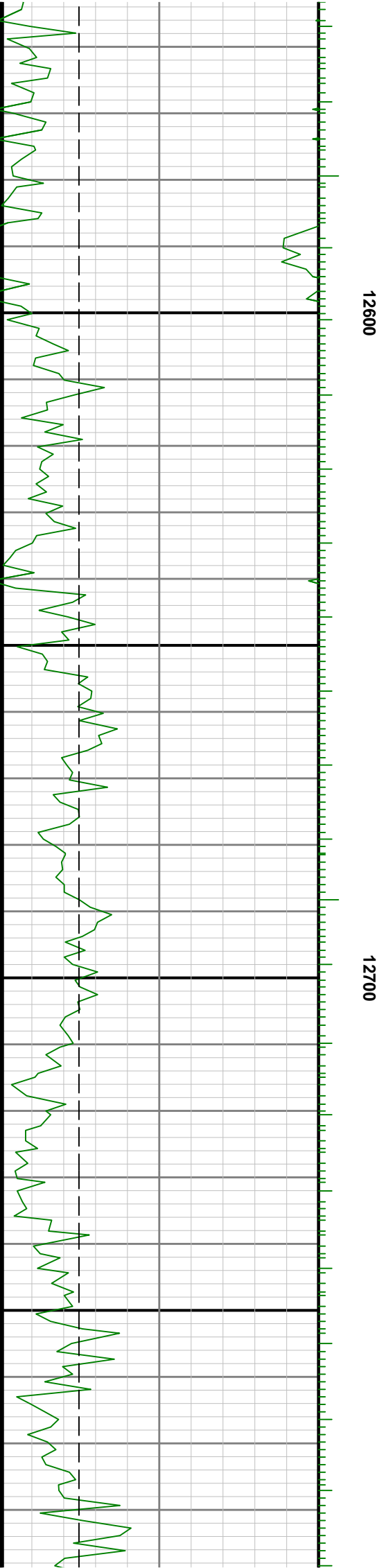
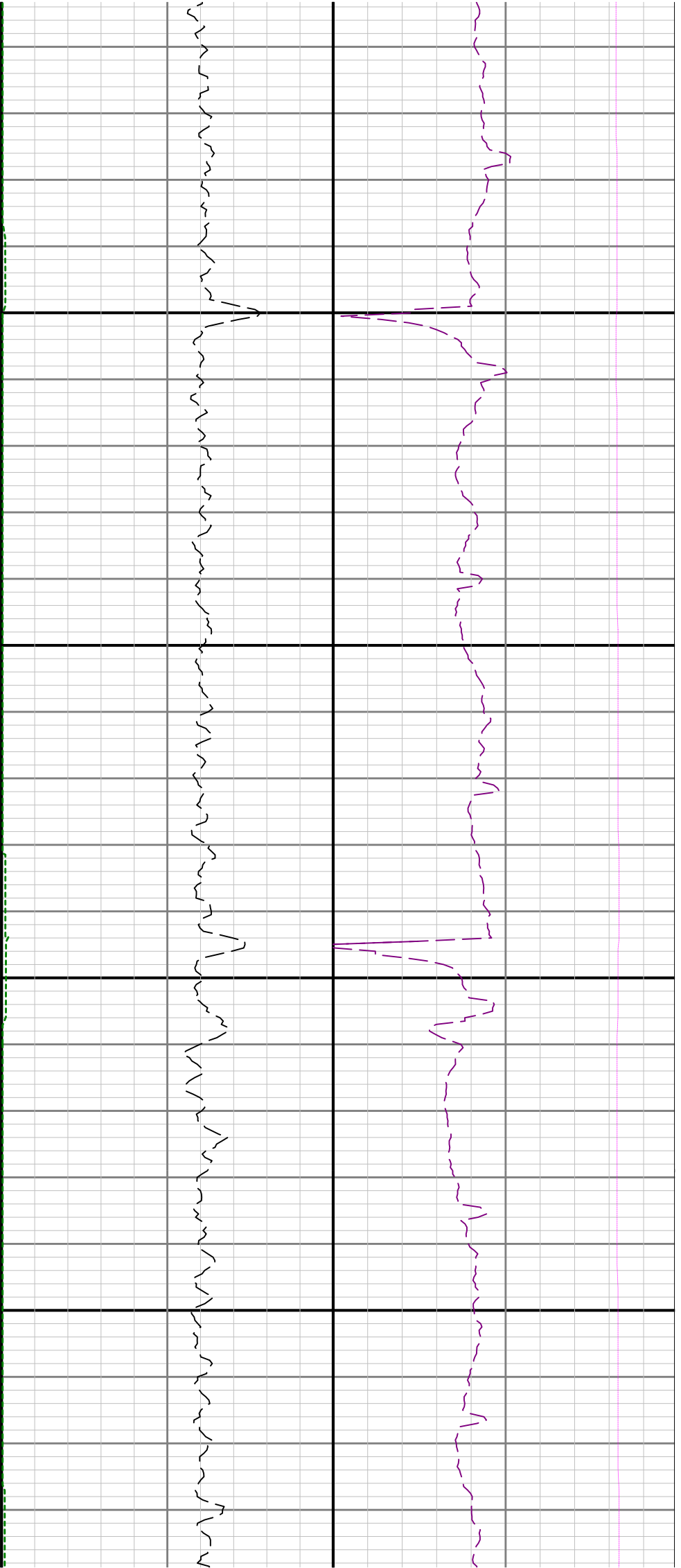
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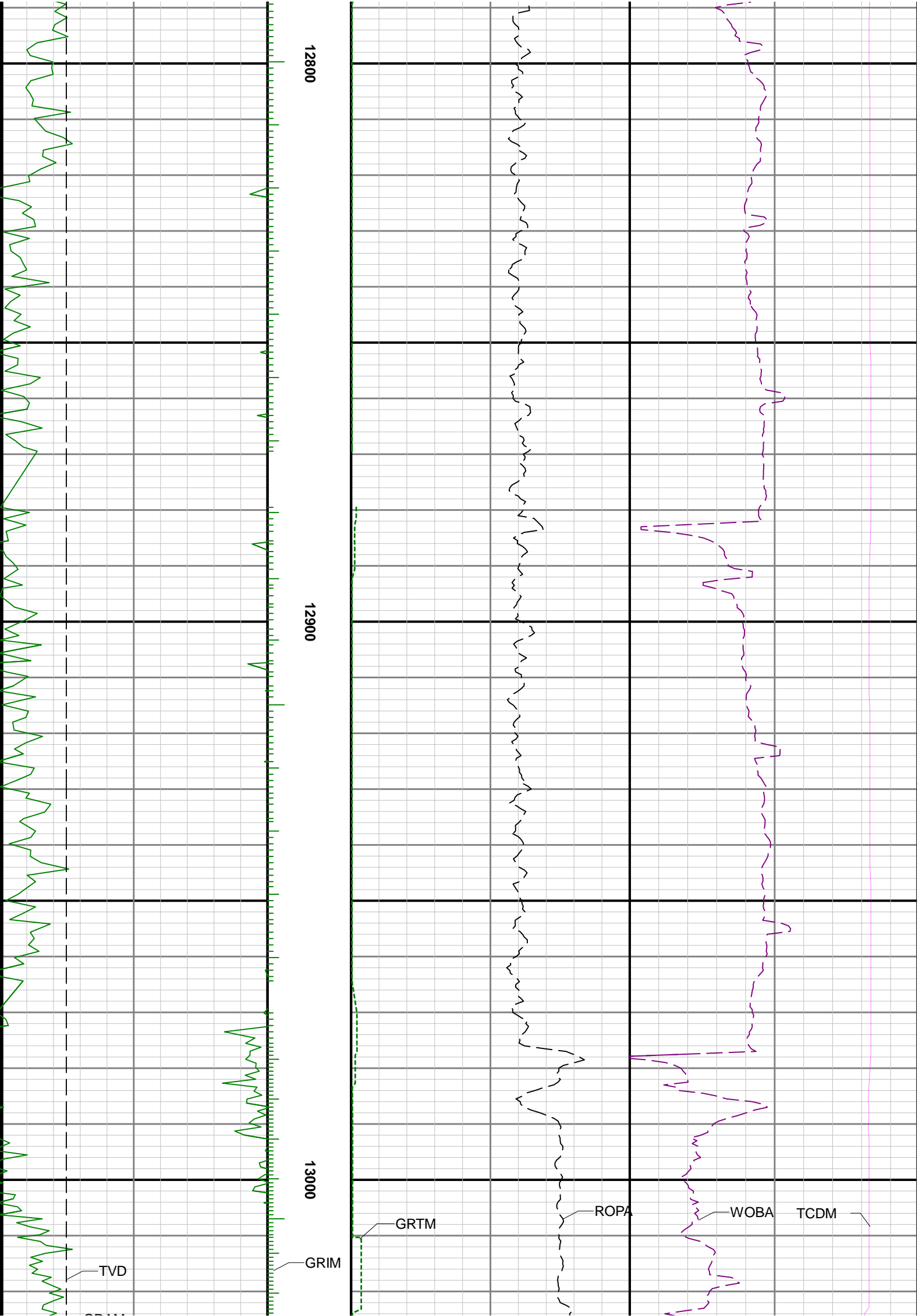


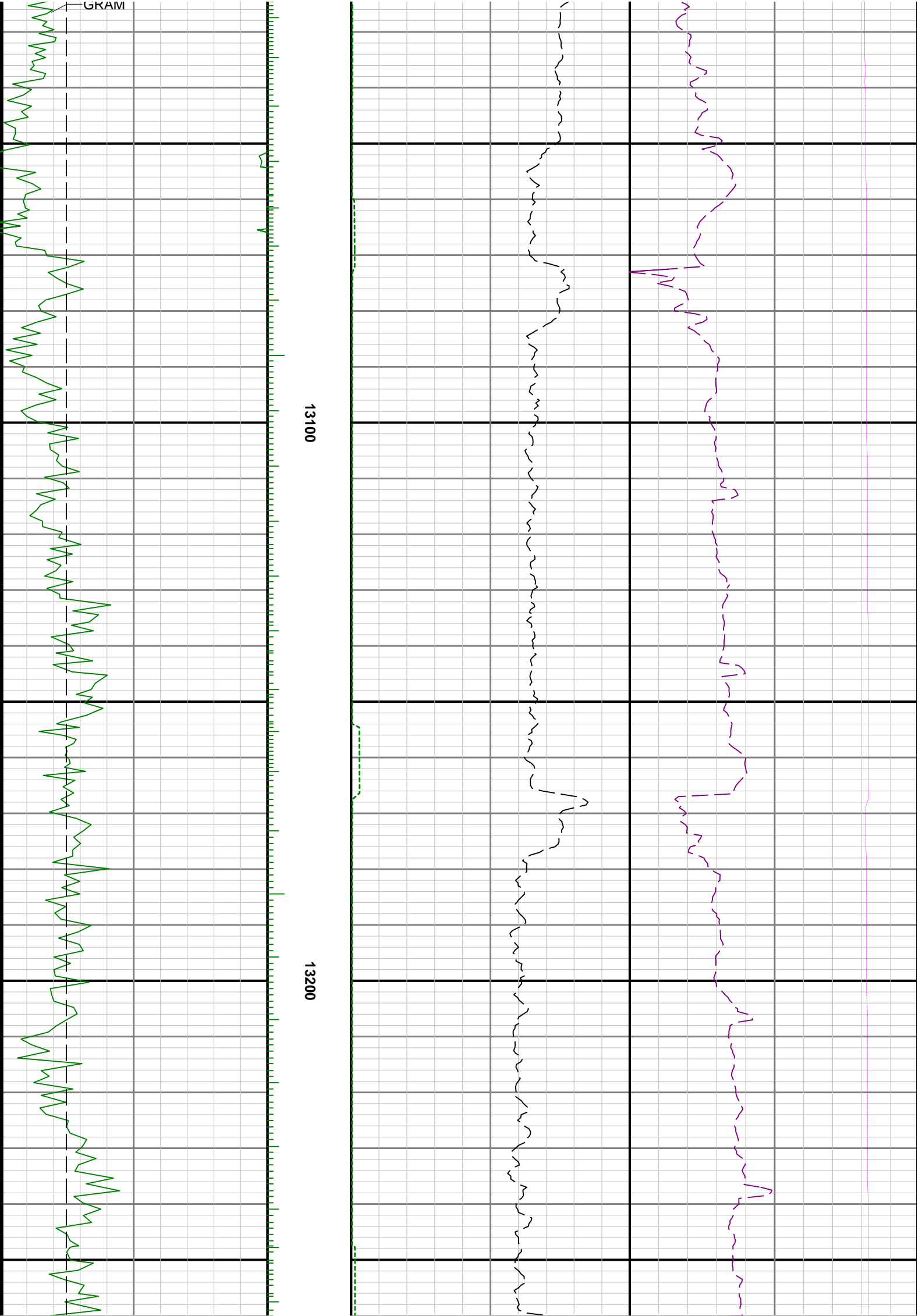


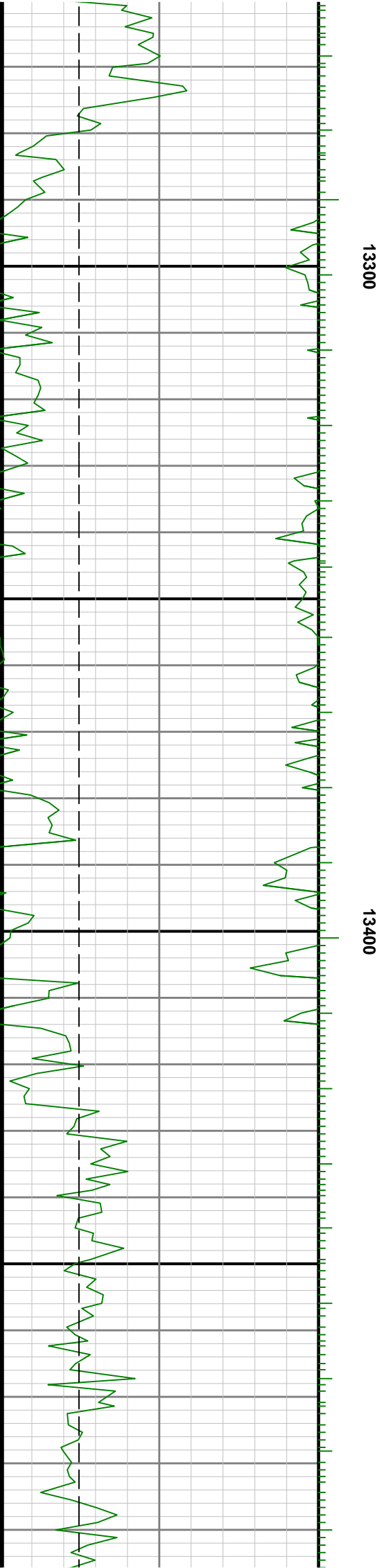


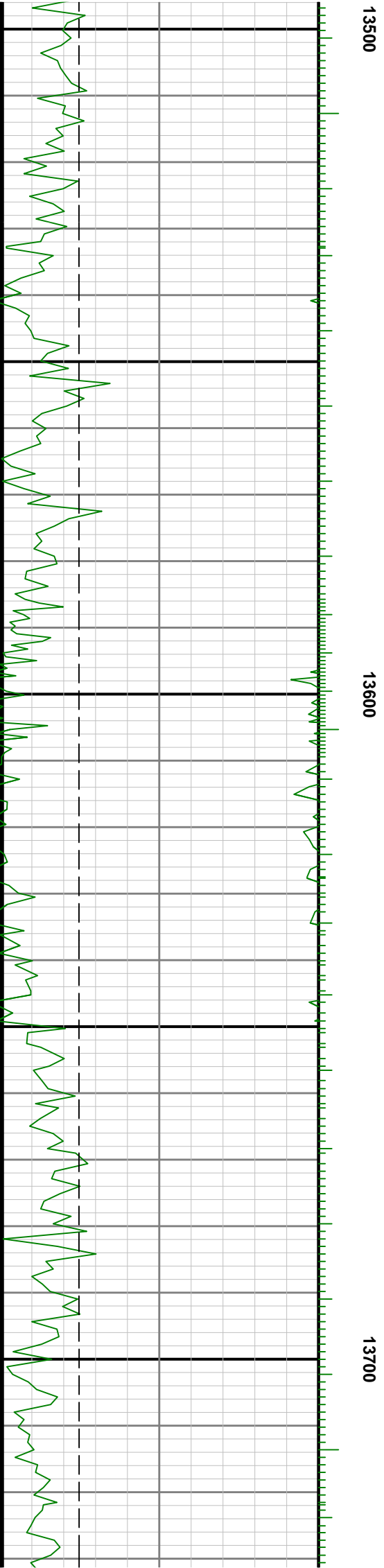
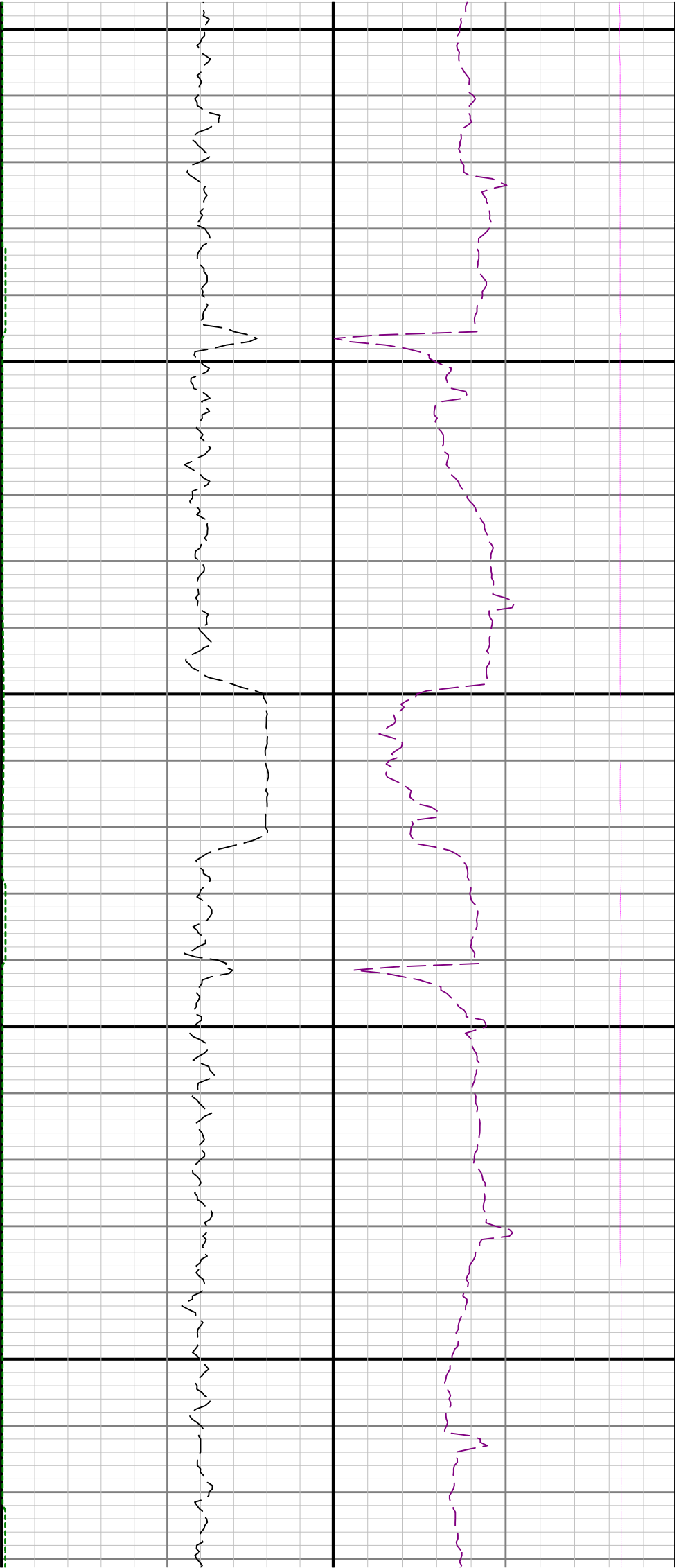


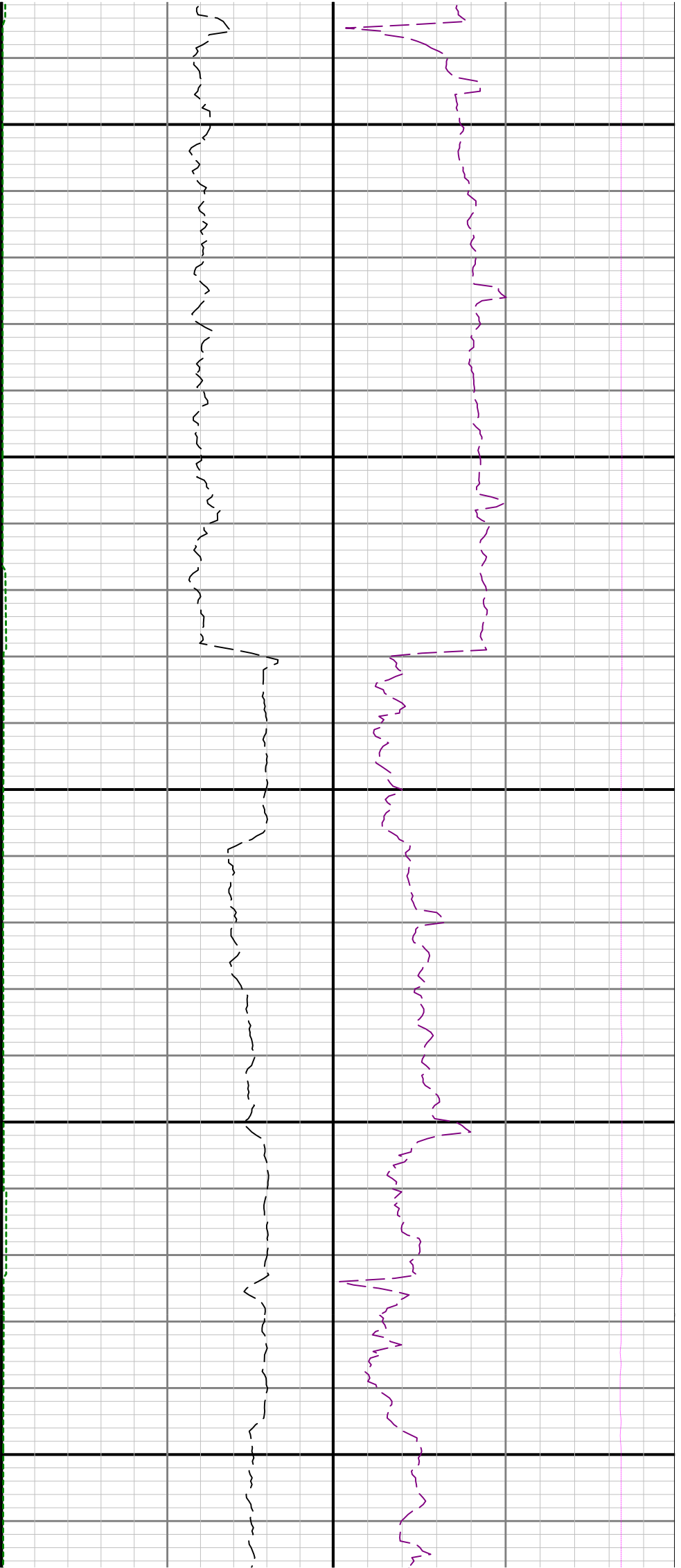






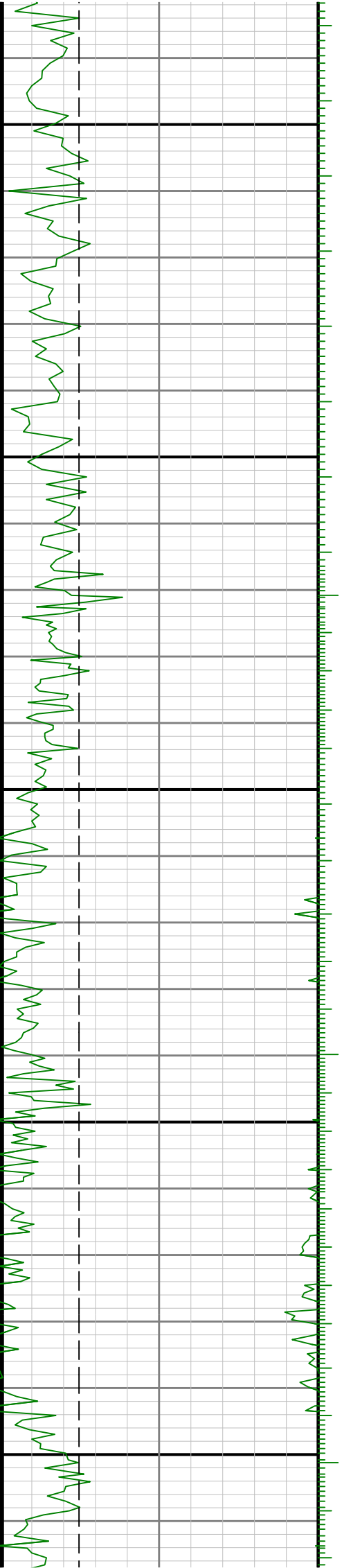


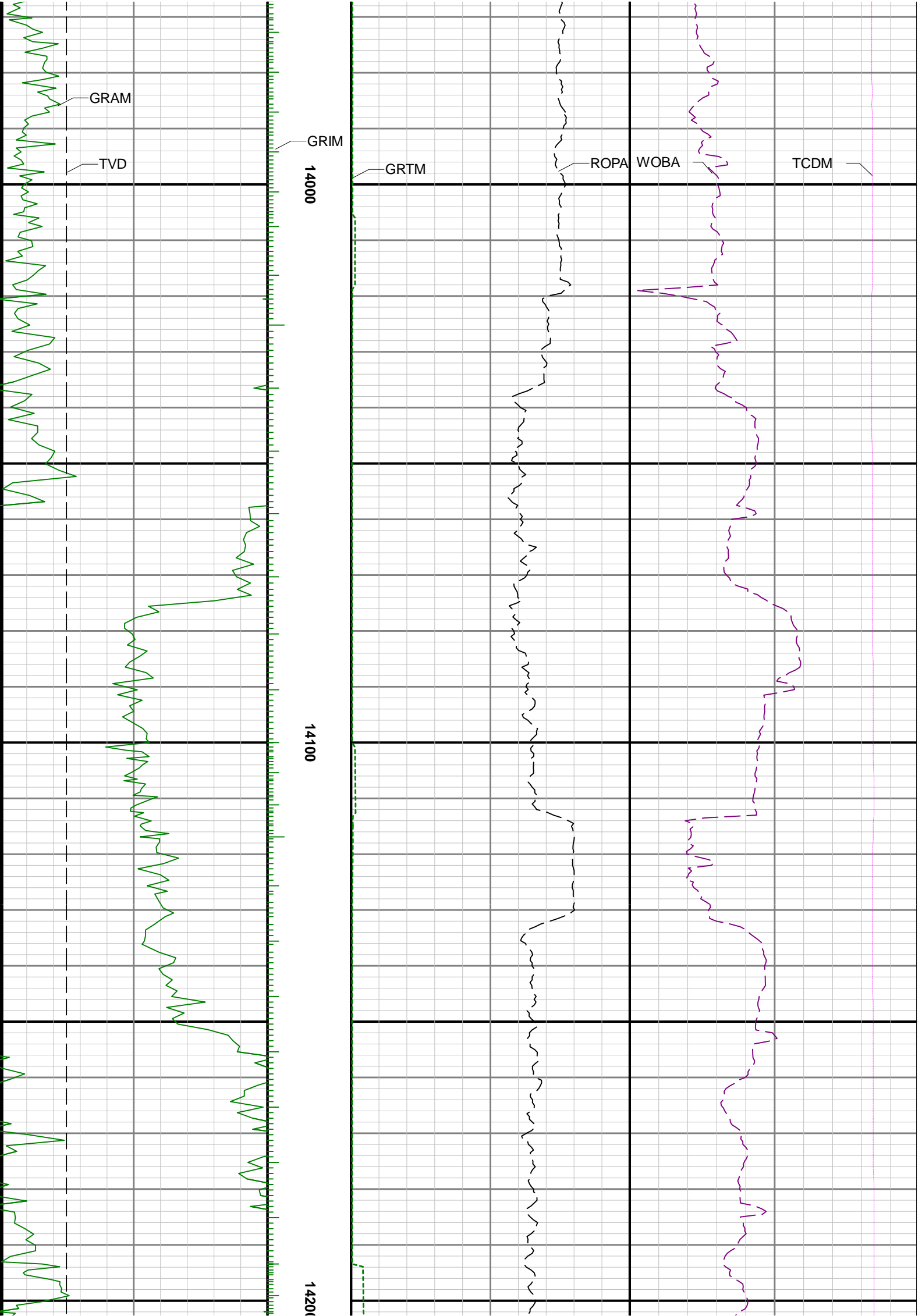


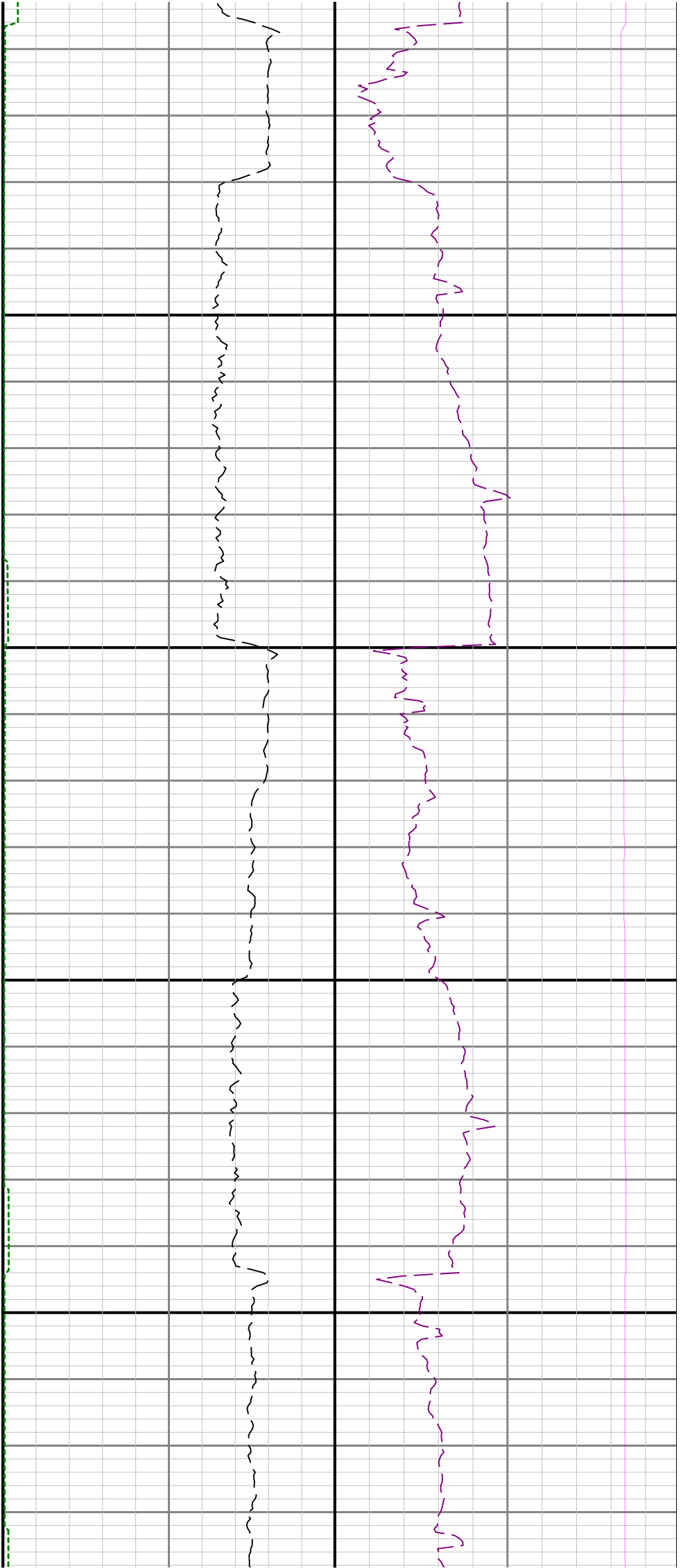


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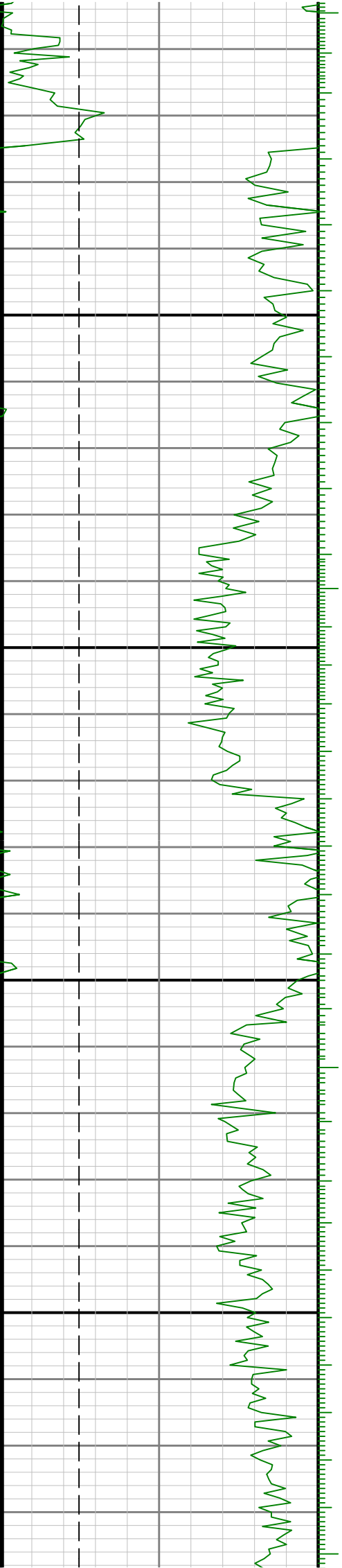


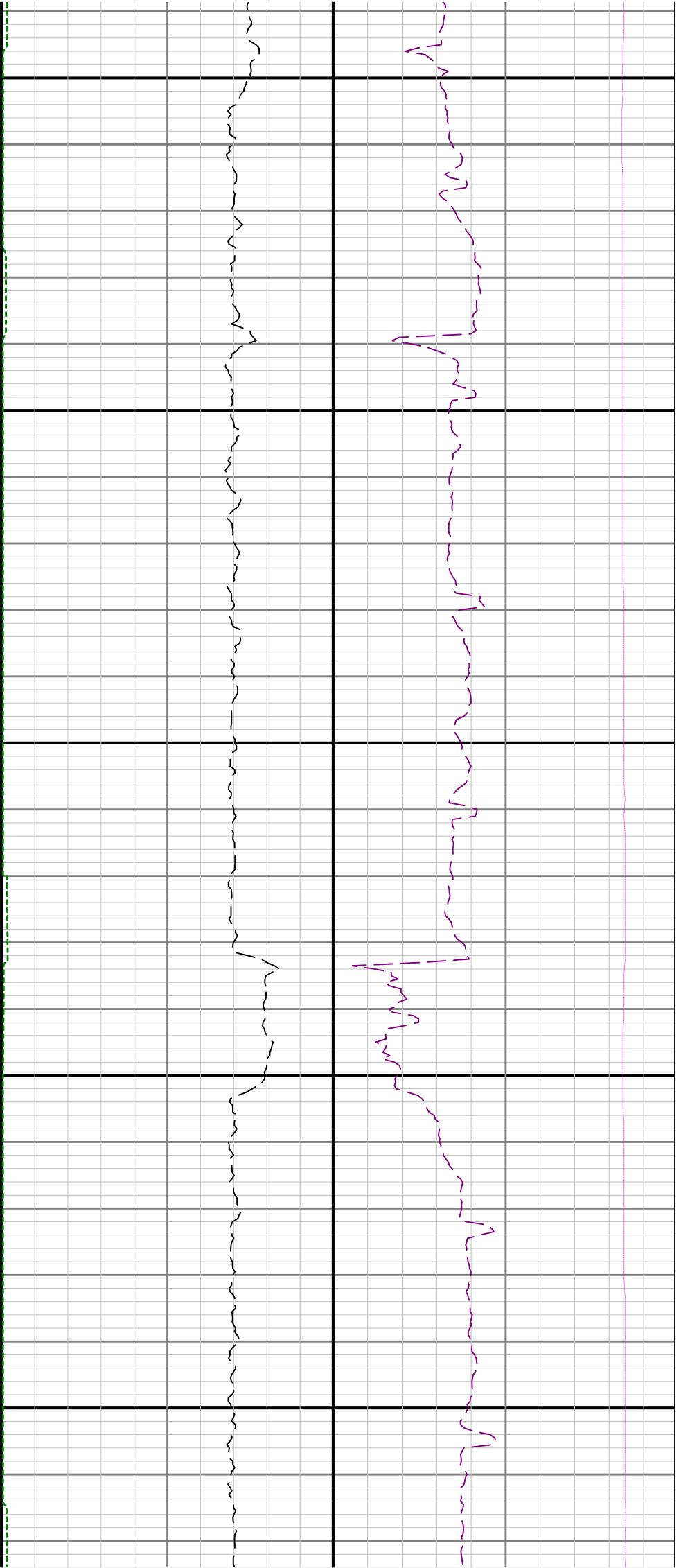




14300

14400





14500

14600

