

1	AutoTrak Curve MWD	14307439	Directional (mag)	12.27	22.43	7.000	3.250
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Service and Tool Mnemonics

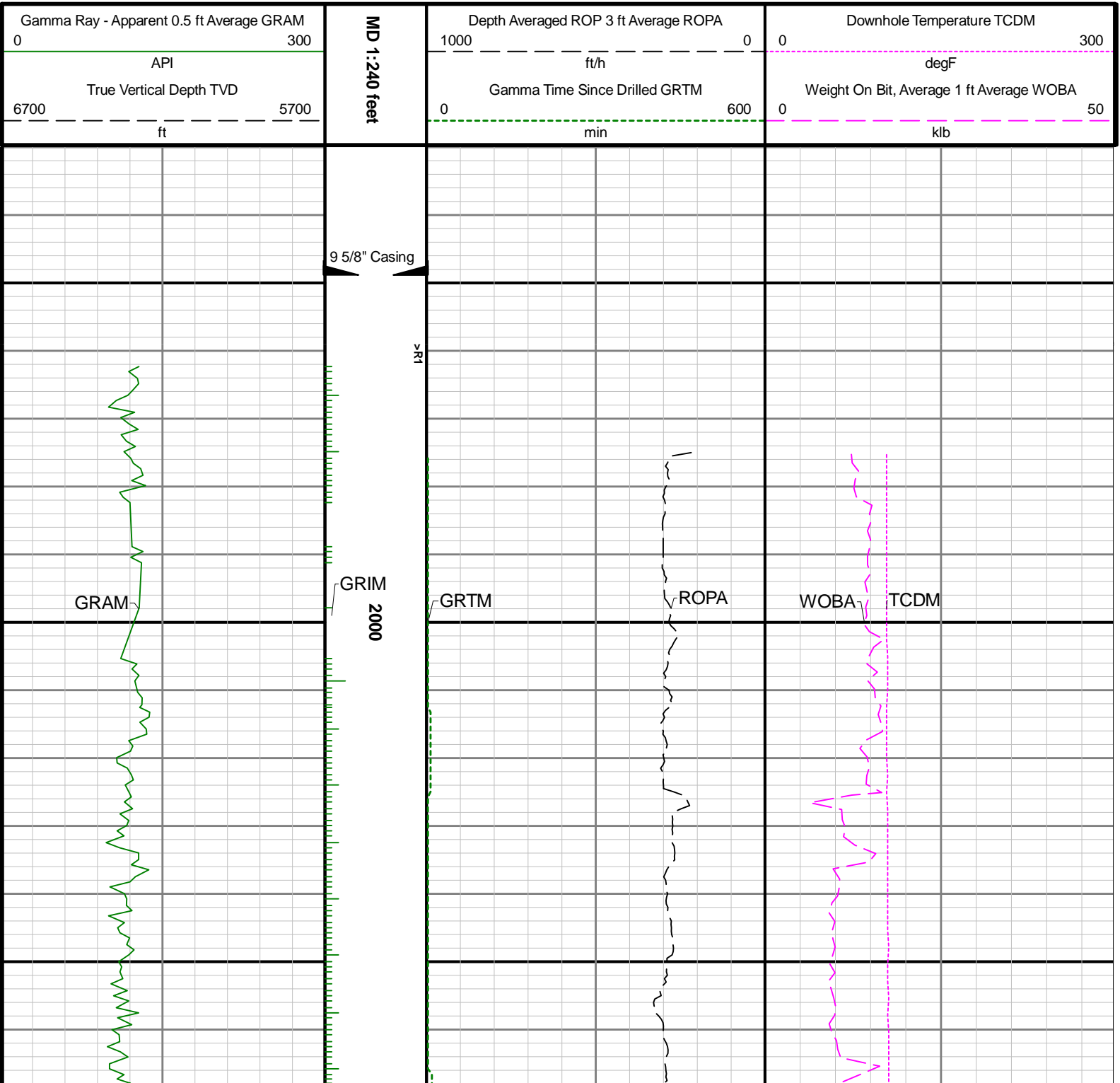
Mnemonic	Name	Description
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM

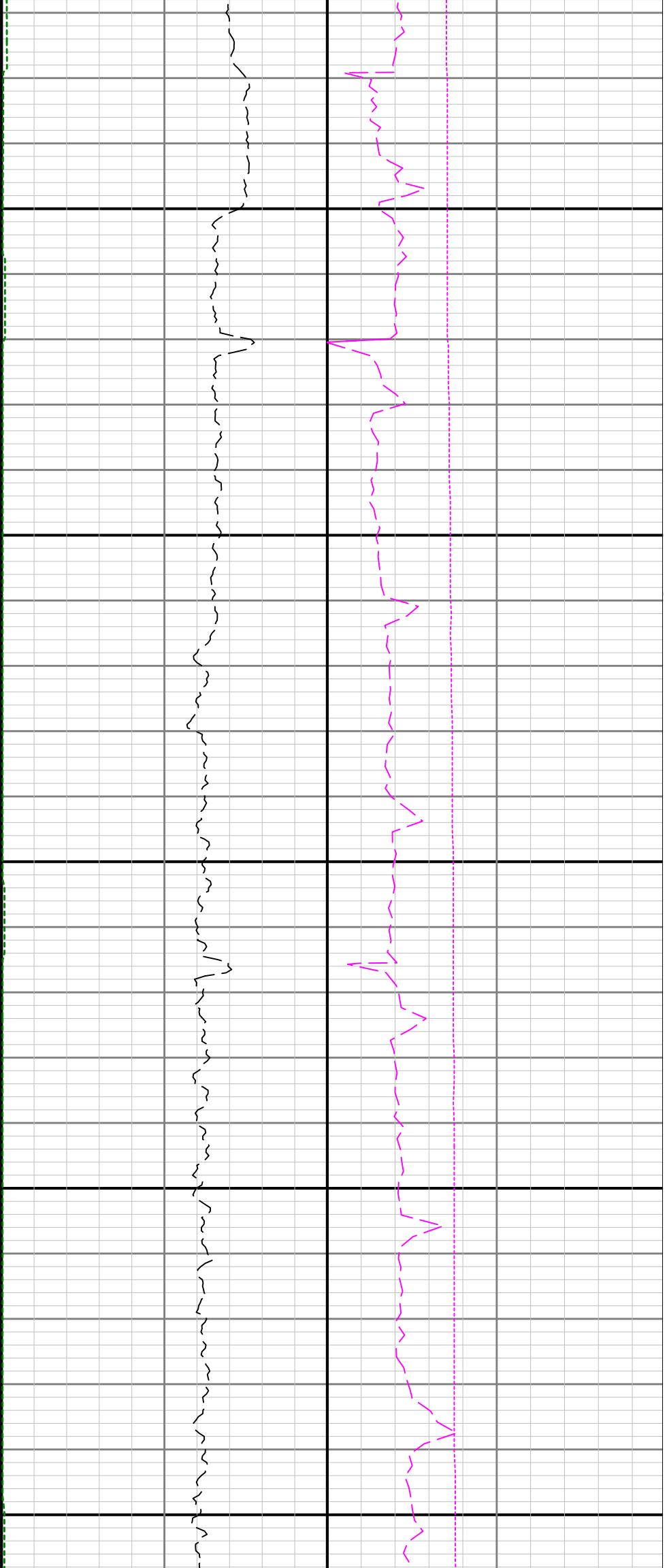
Comments

1	Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to the lack of control by Baker Hughes, depth calibrations and measurements could not be independently verified.
2	Baker Hughes LWD run 1 utilized a 6.75 inch NaviGamma service (Directional and Gamma Ray) behind a 8.5 inch bit and rotary steerable assembly from 1959 to 16870 feet MD (1959 to 6613 feet TVD).
3	The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request.

Remarks

Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	9801.00	8.500	1	The interval from 9772 to 9788 feet MD (6623 feet TVD) does not have gamma ray data, due to the 3rd party depth tracking system computer locking up.
2	16870.00	8.500	1	The interval from 16857 to 16870 feet MD (6613 feet TVD) was not logged after being drilled due to sensor to bit offset at well TD.

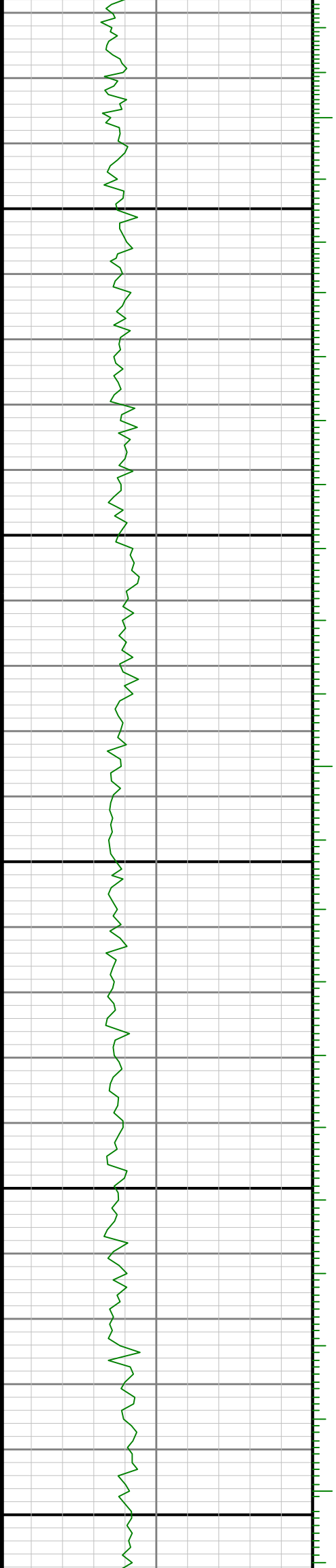


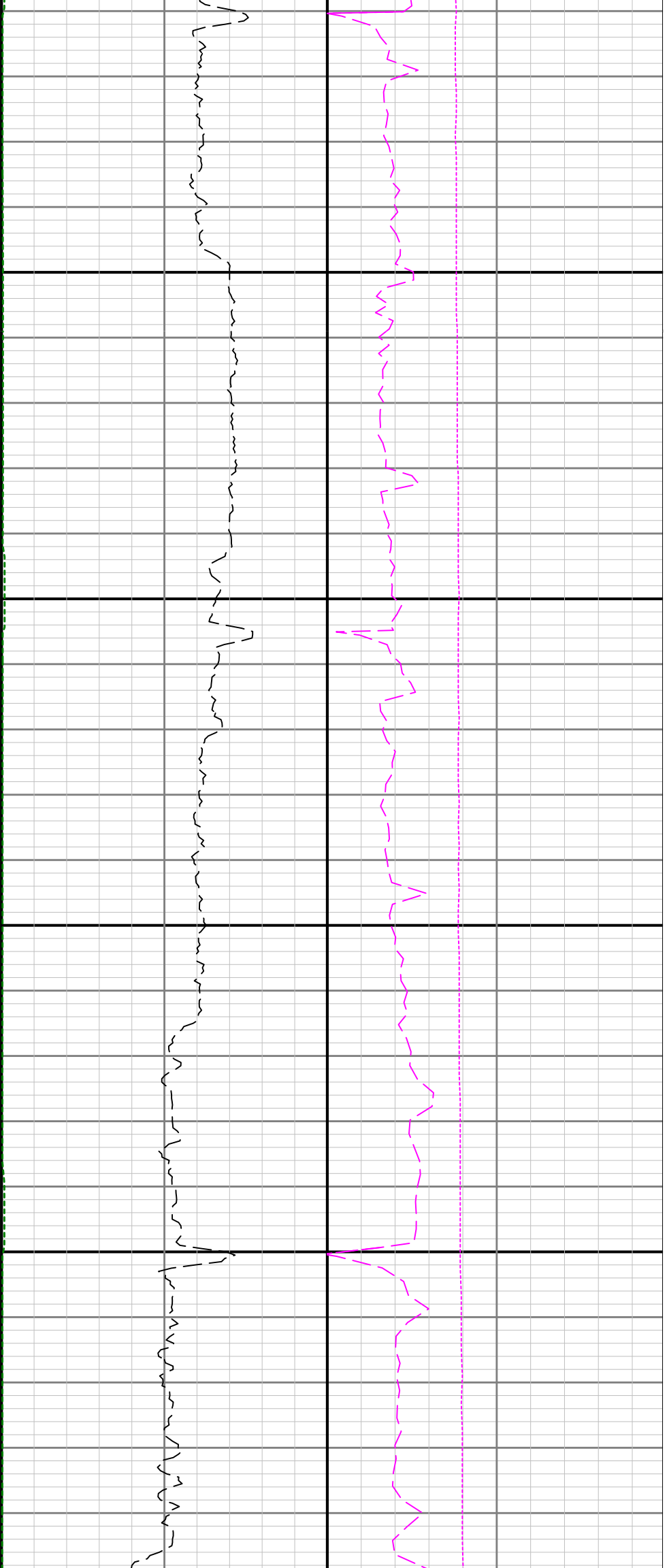


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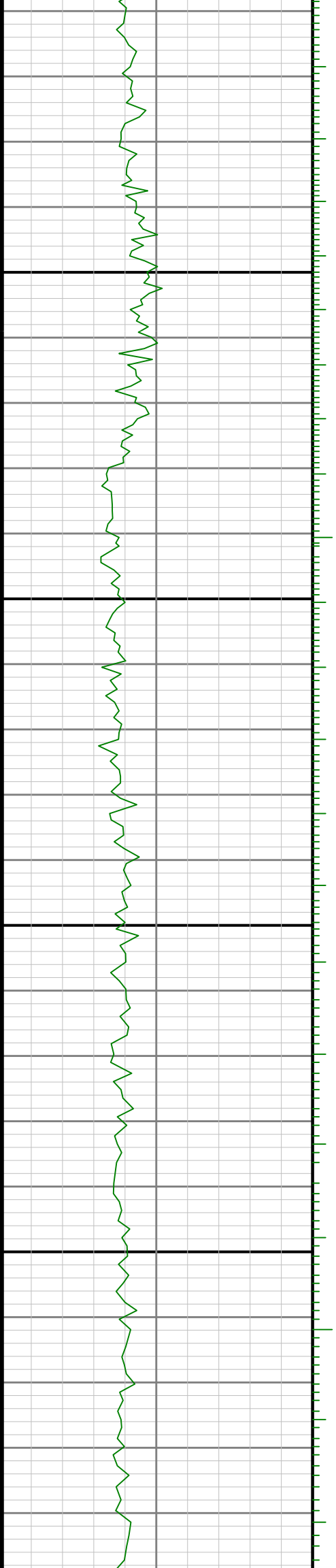
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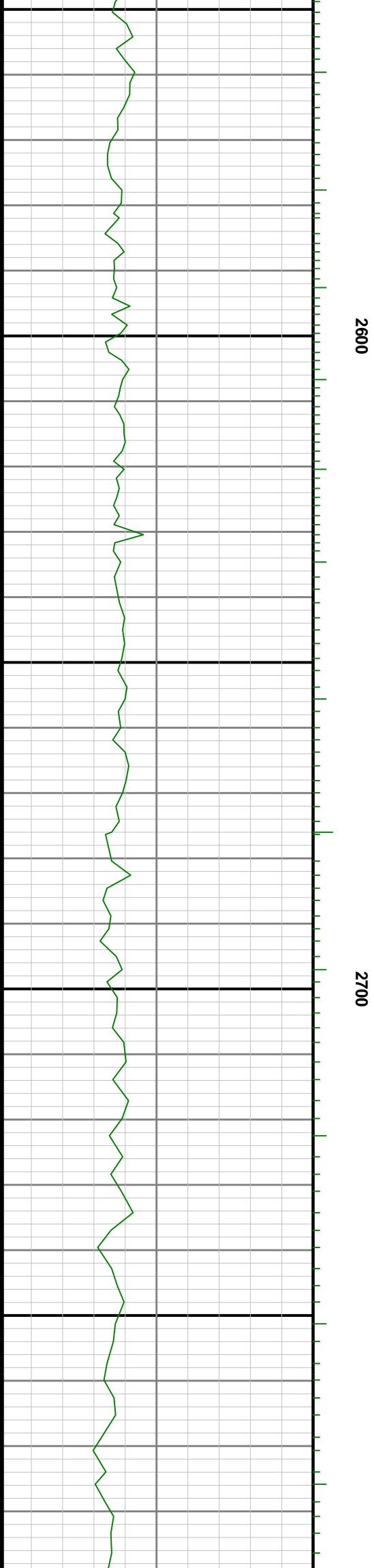
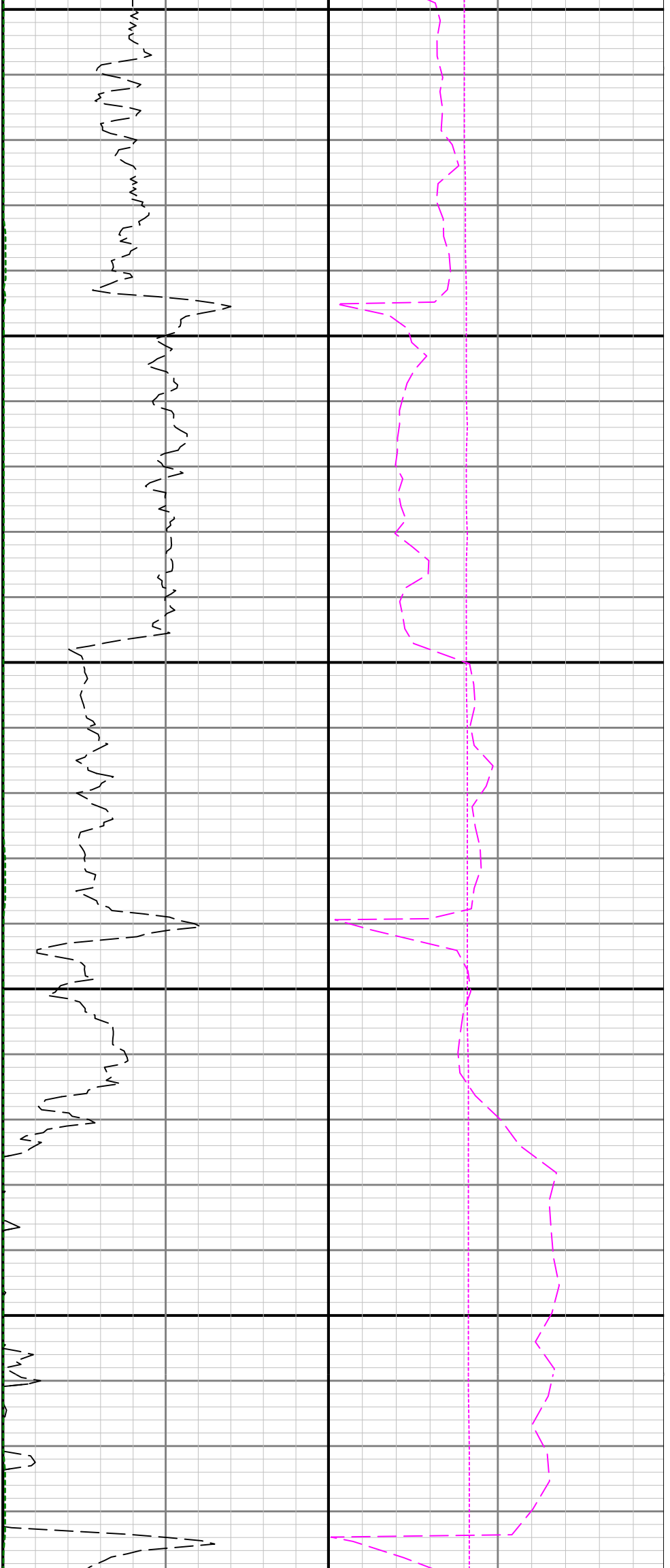


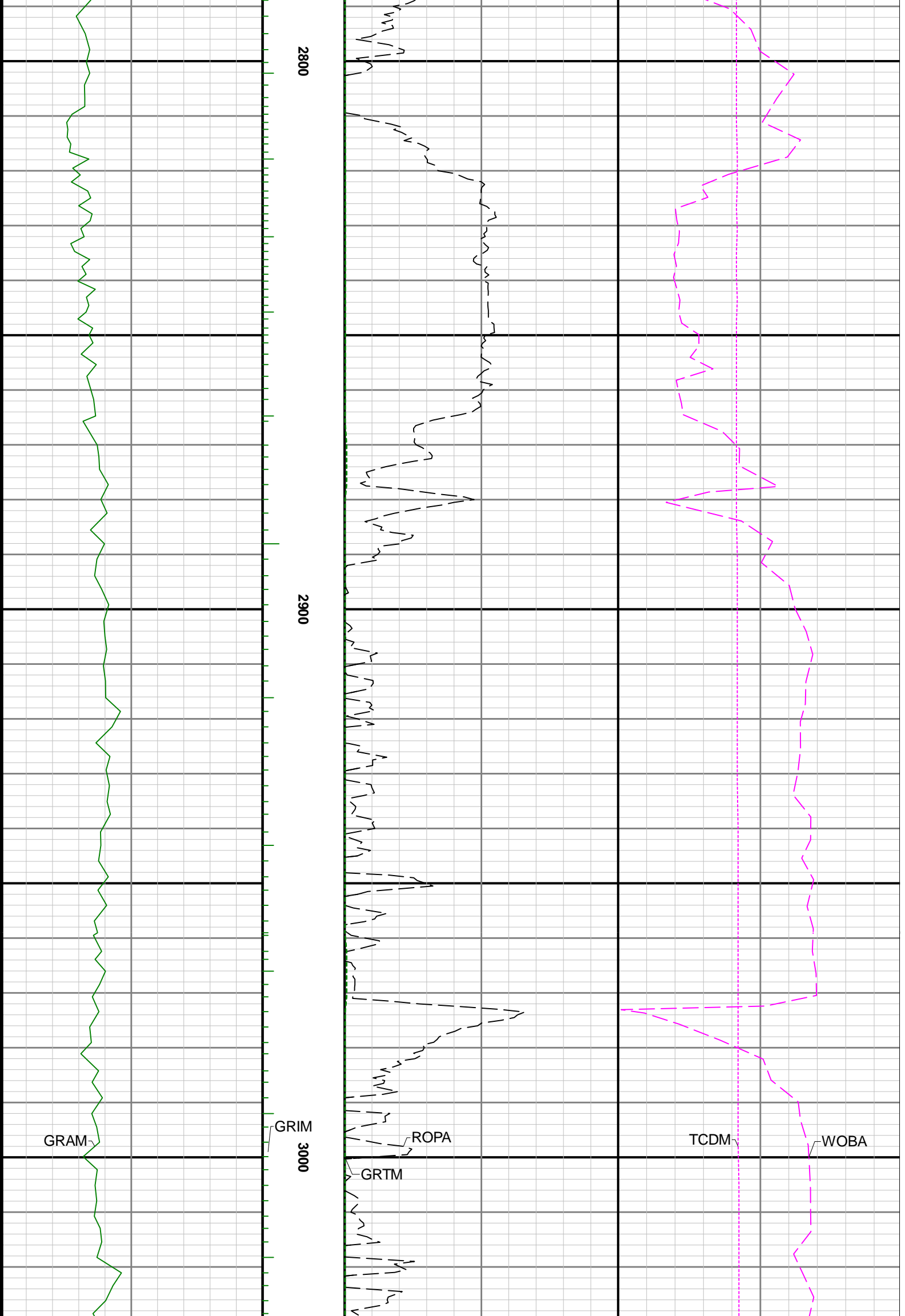


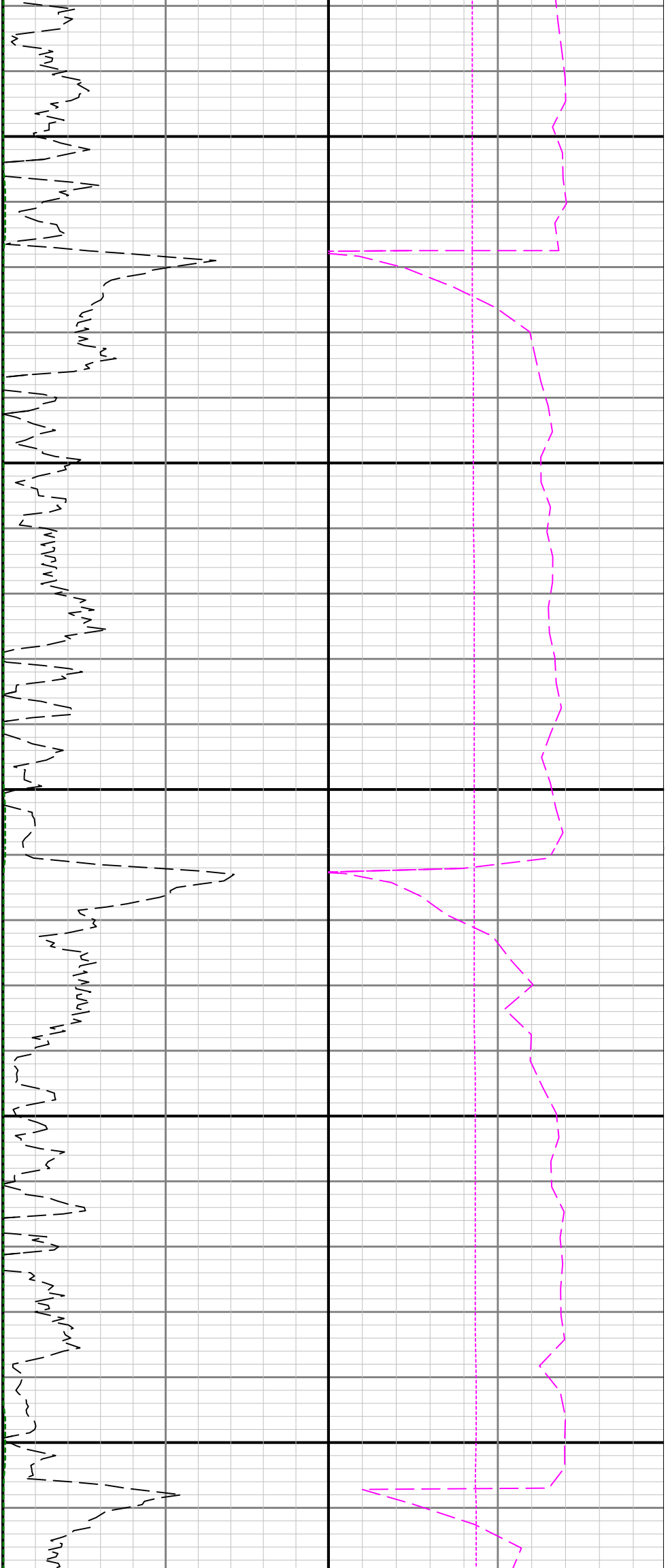
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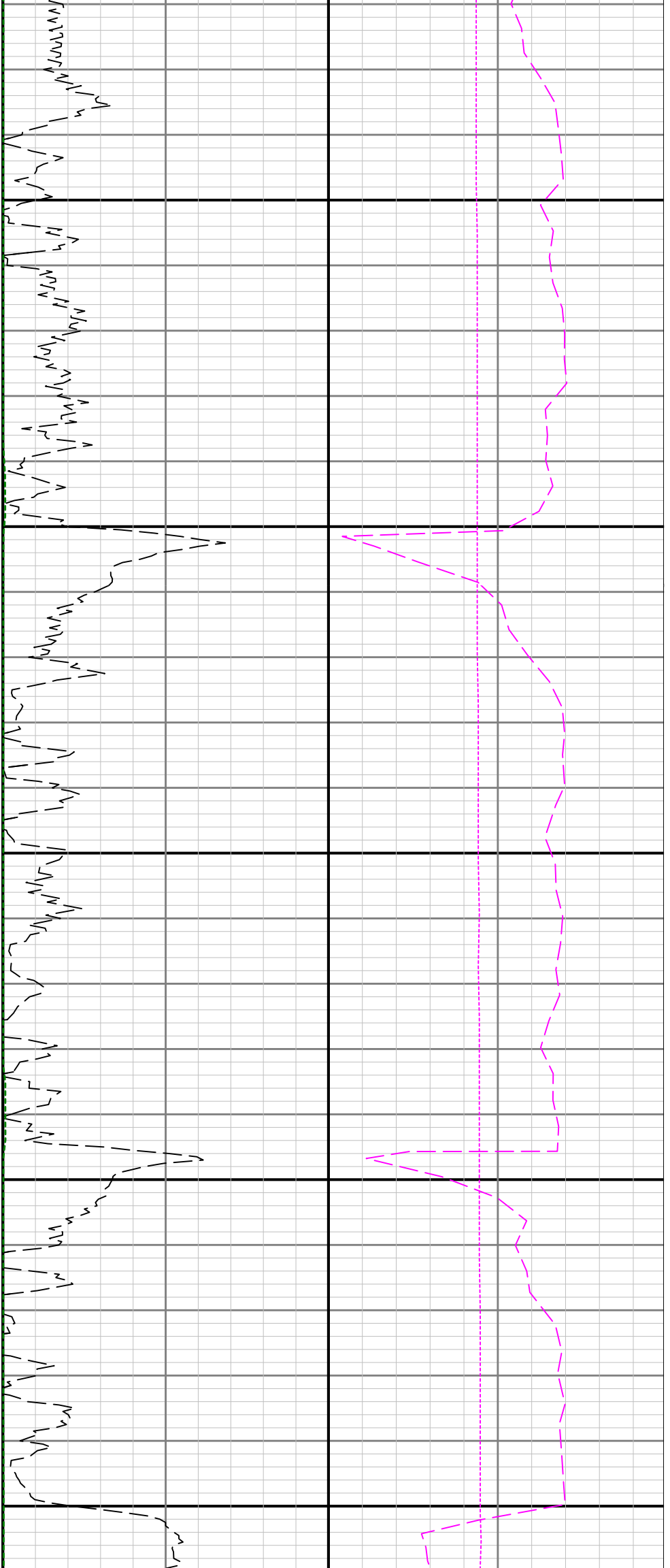






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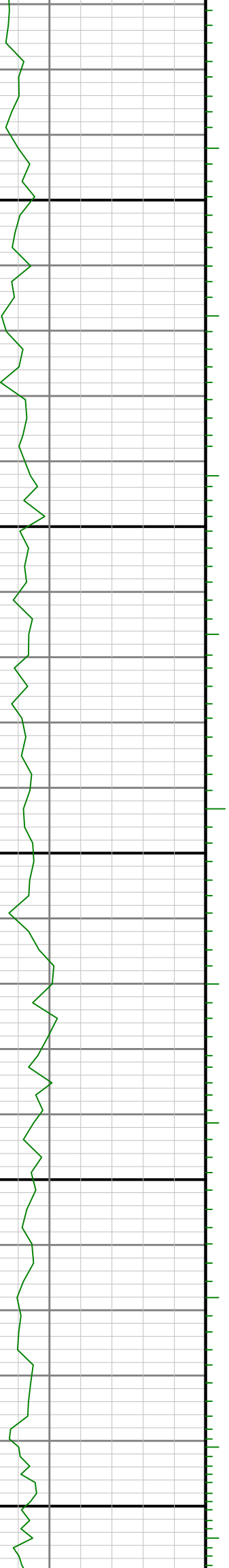
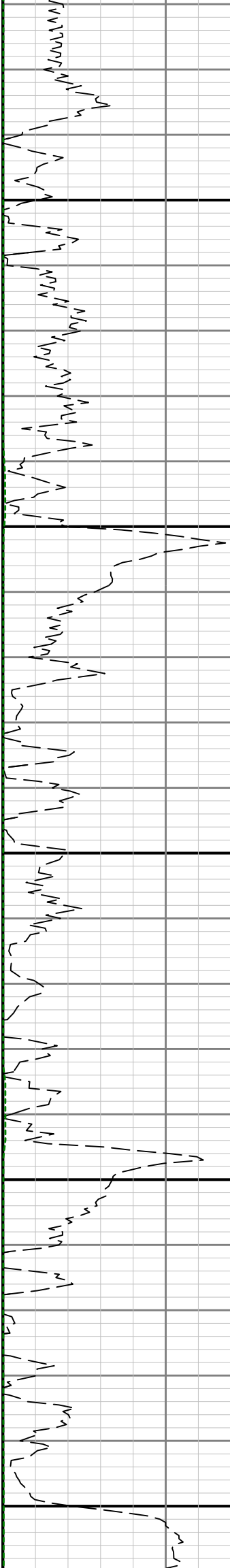
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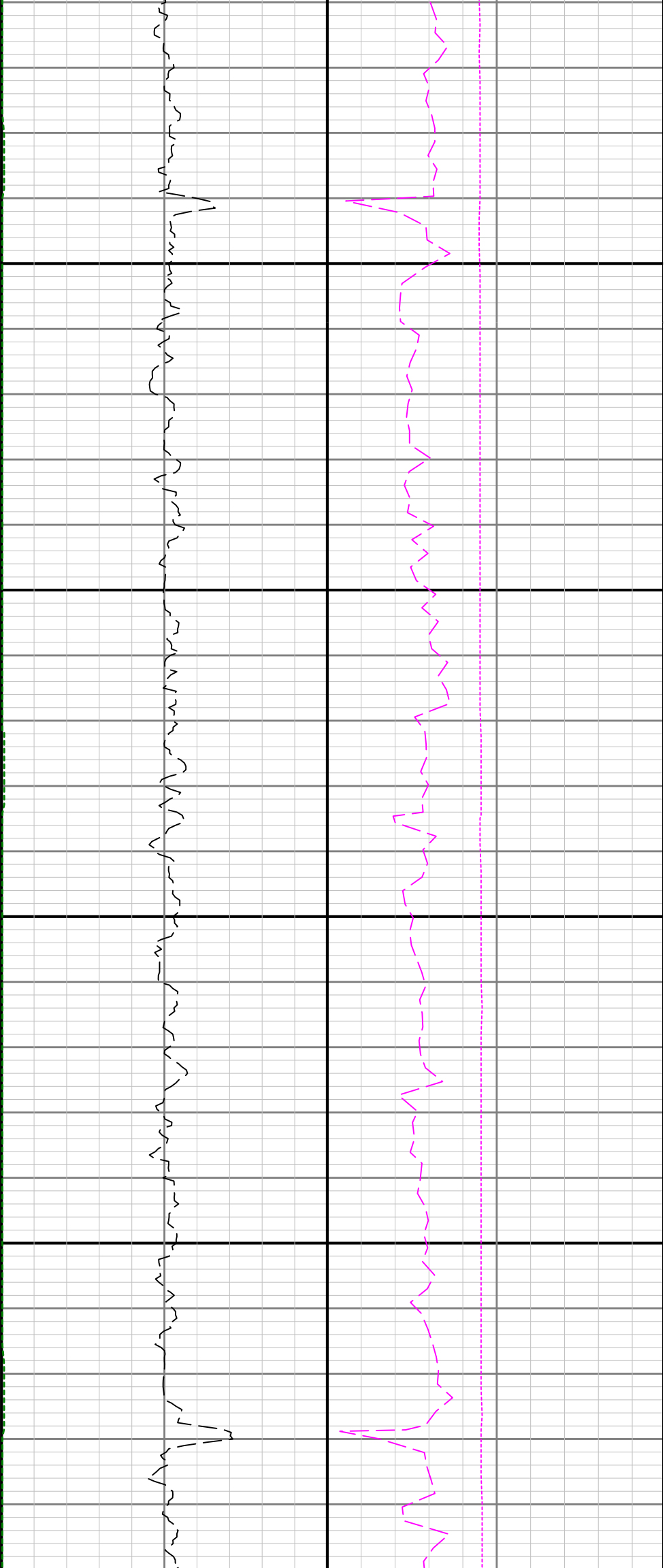


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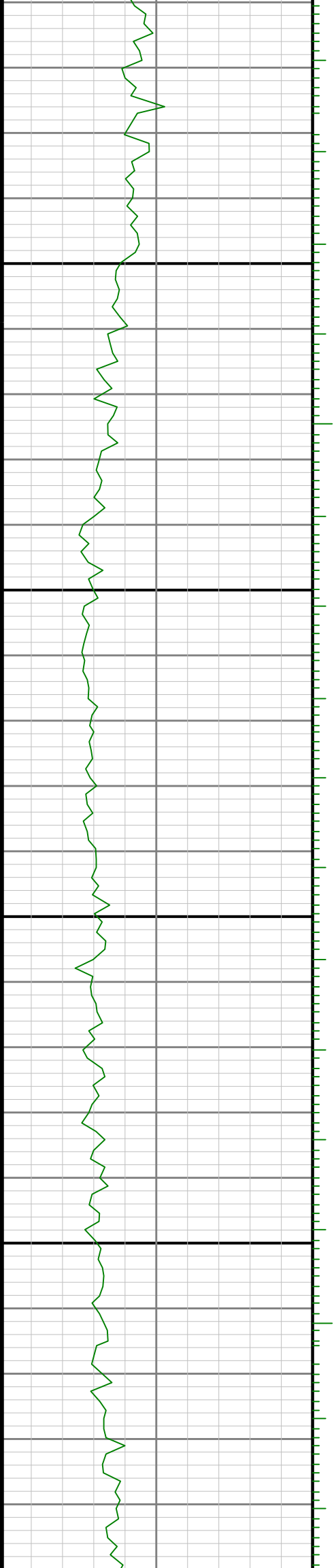
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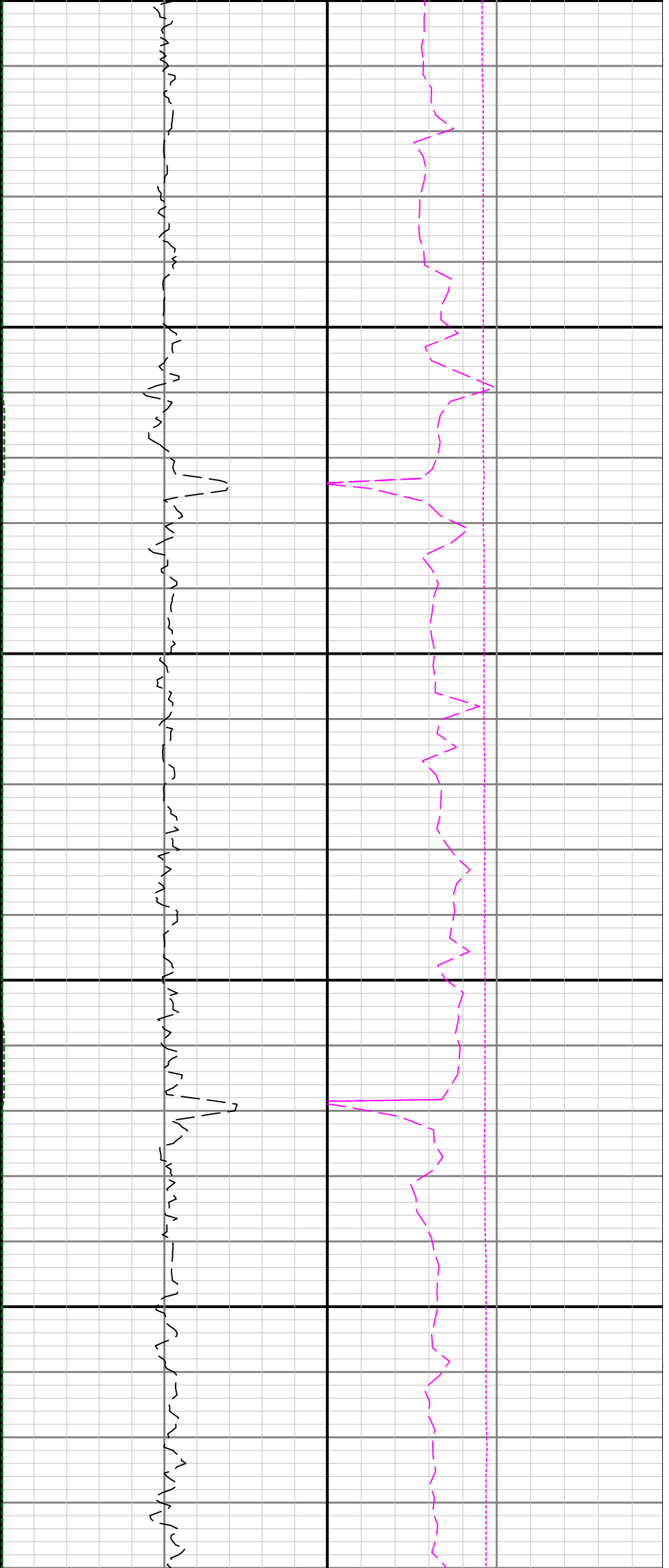




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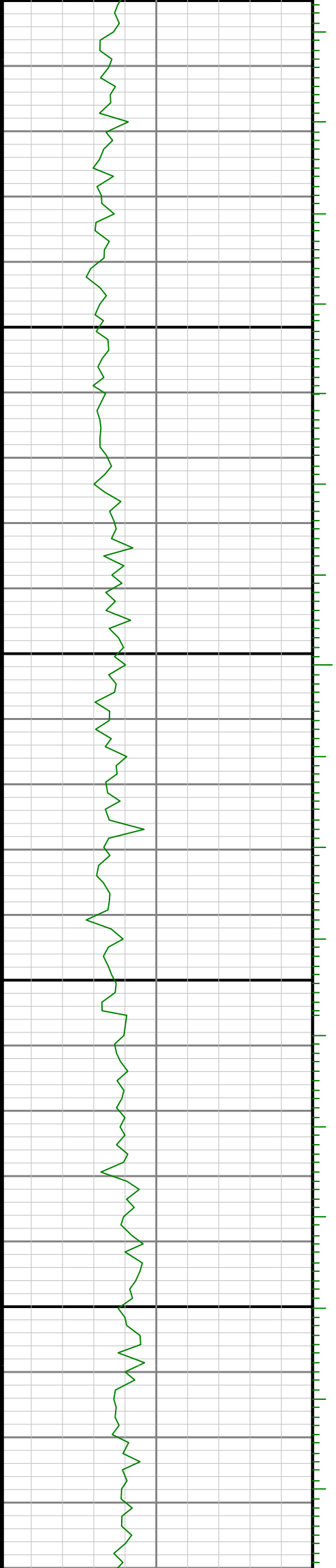
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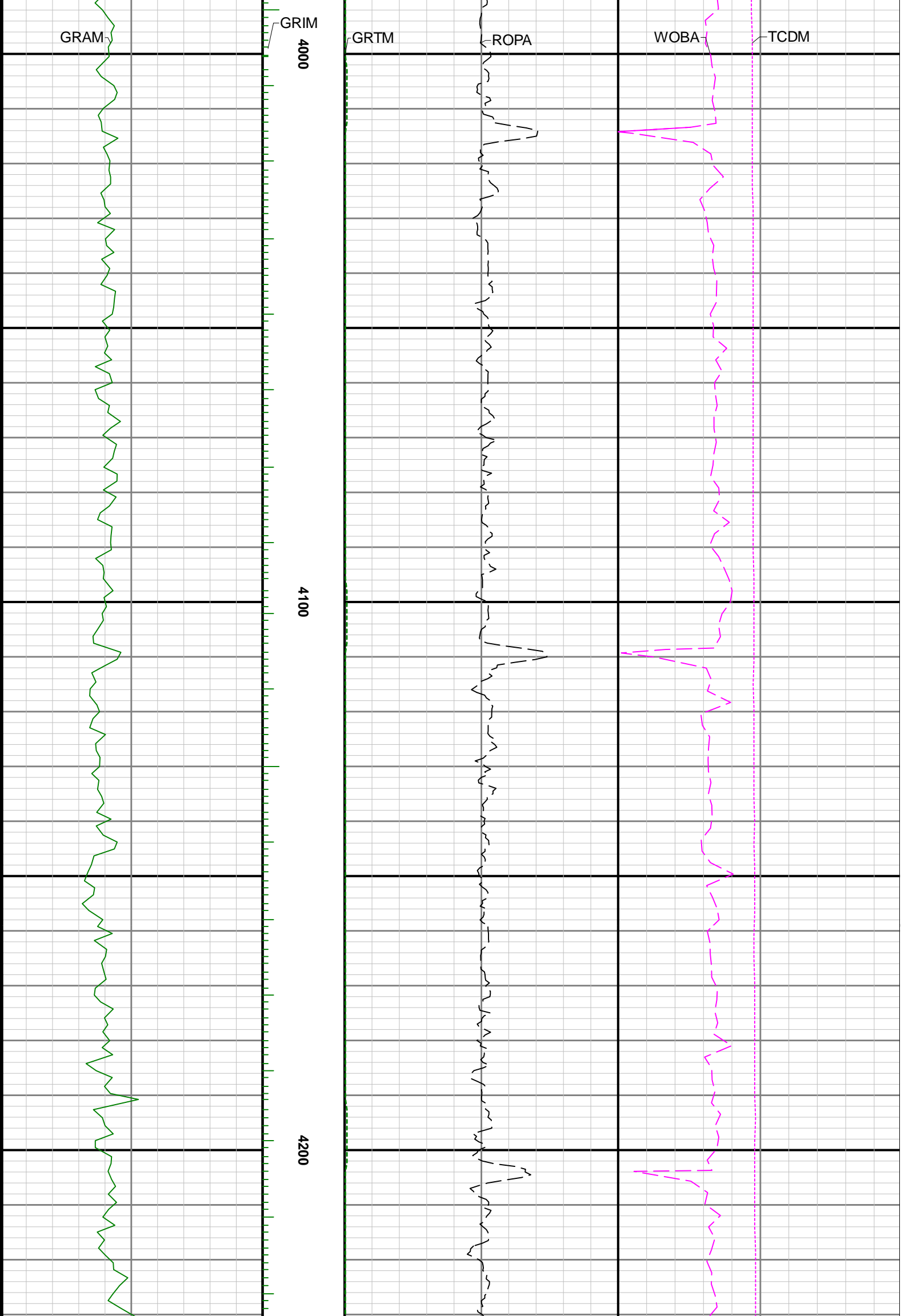


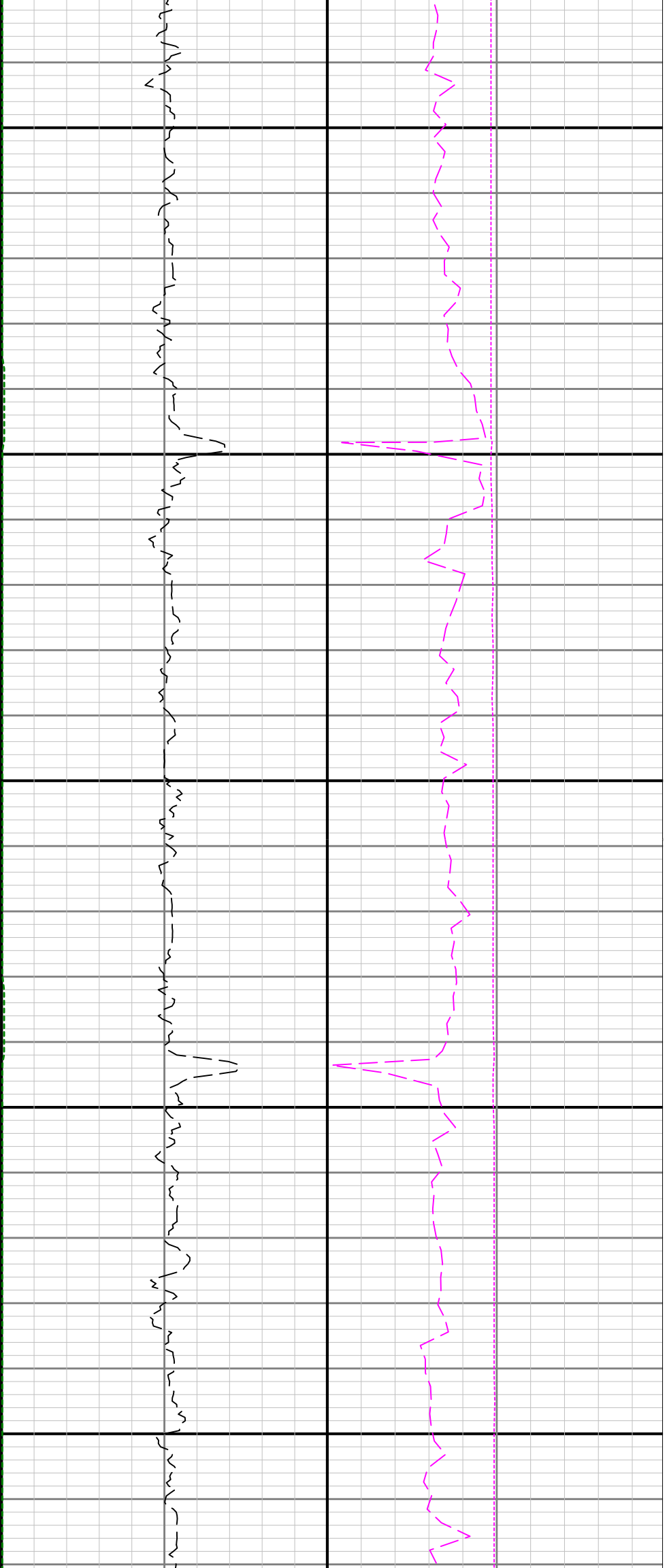


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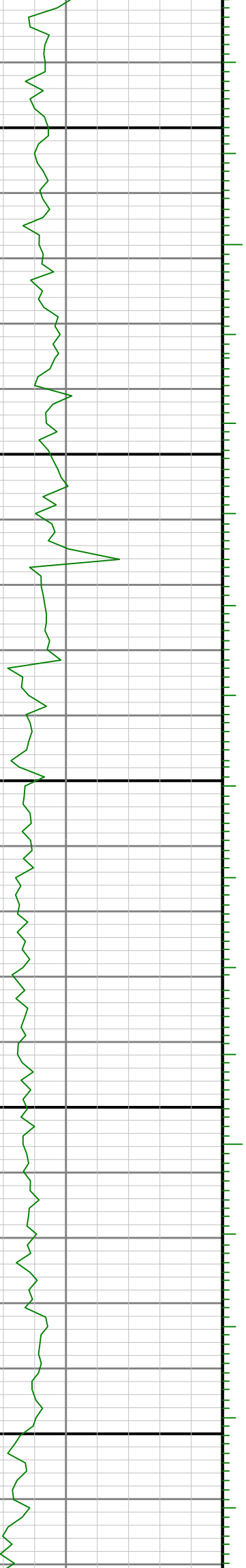


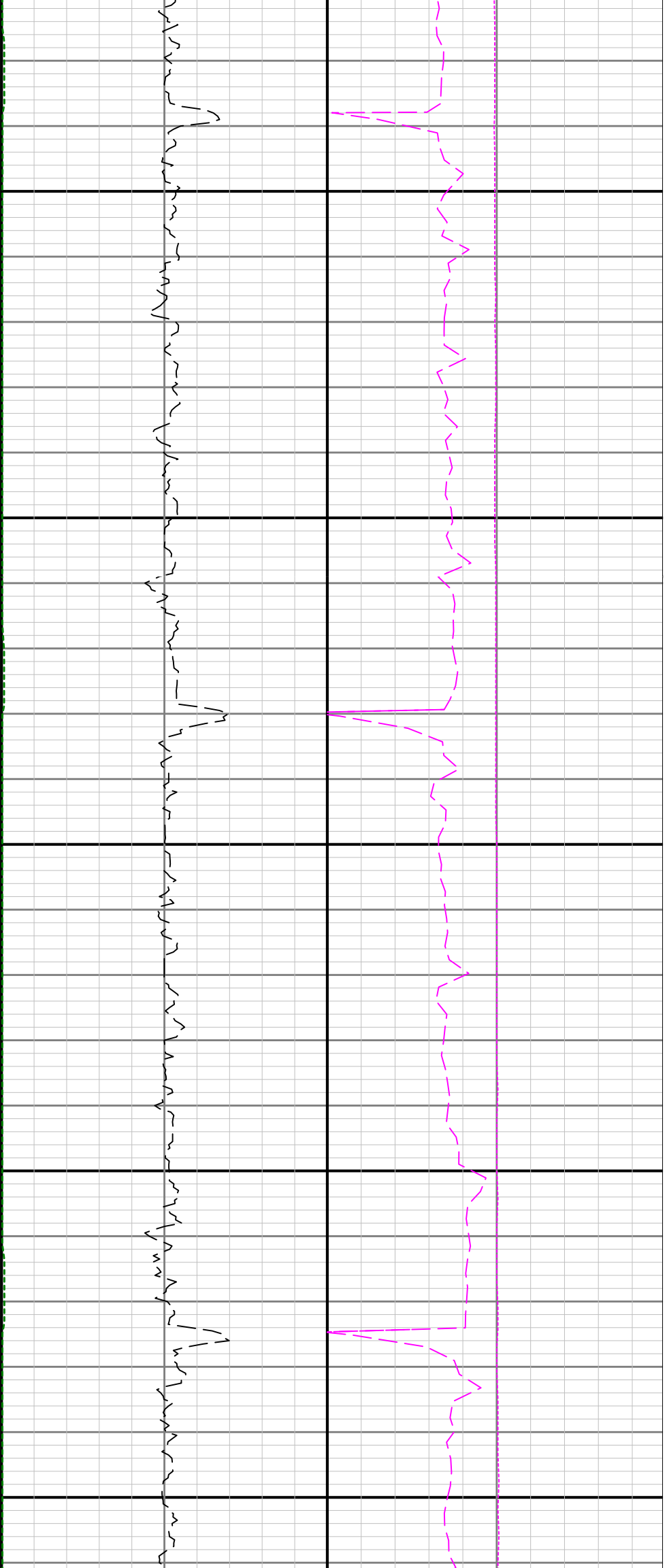




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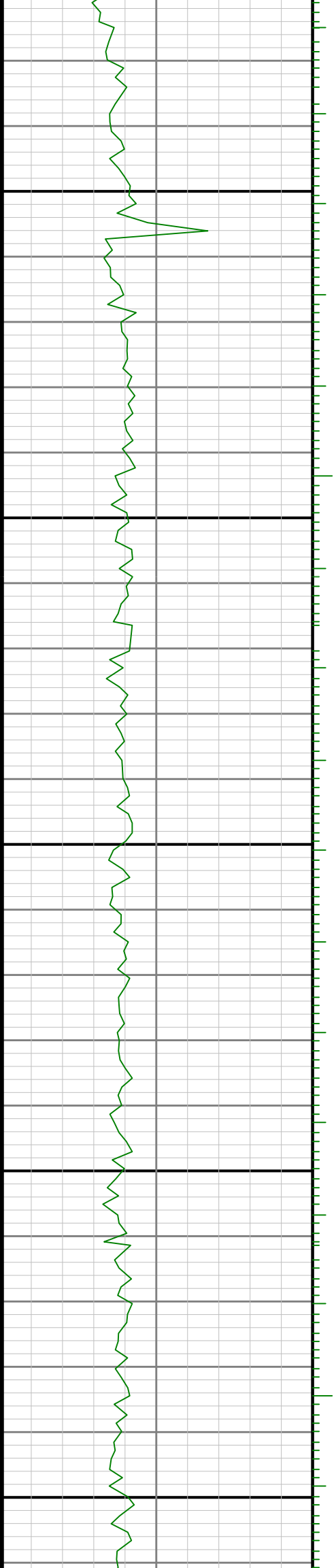


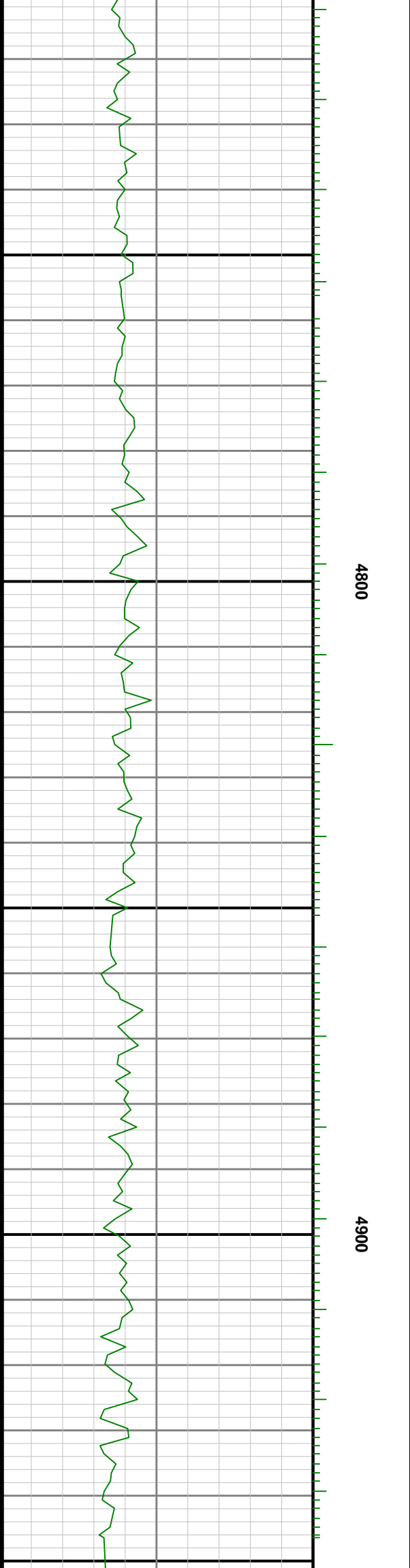
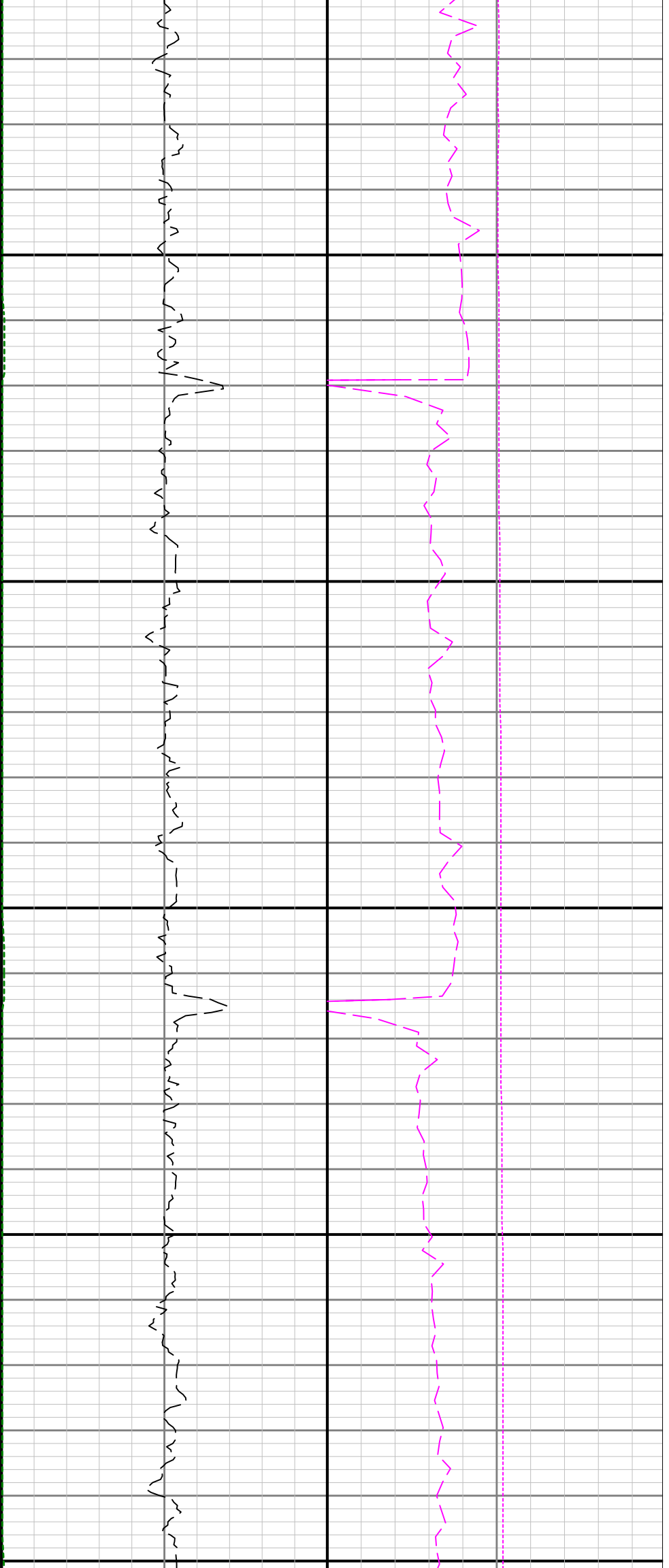


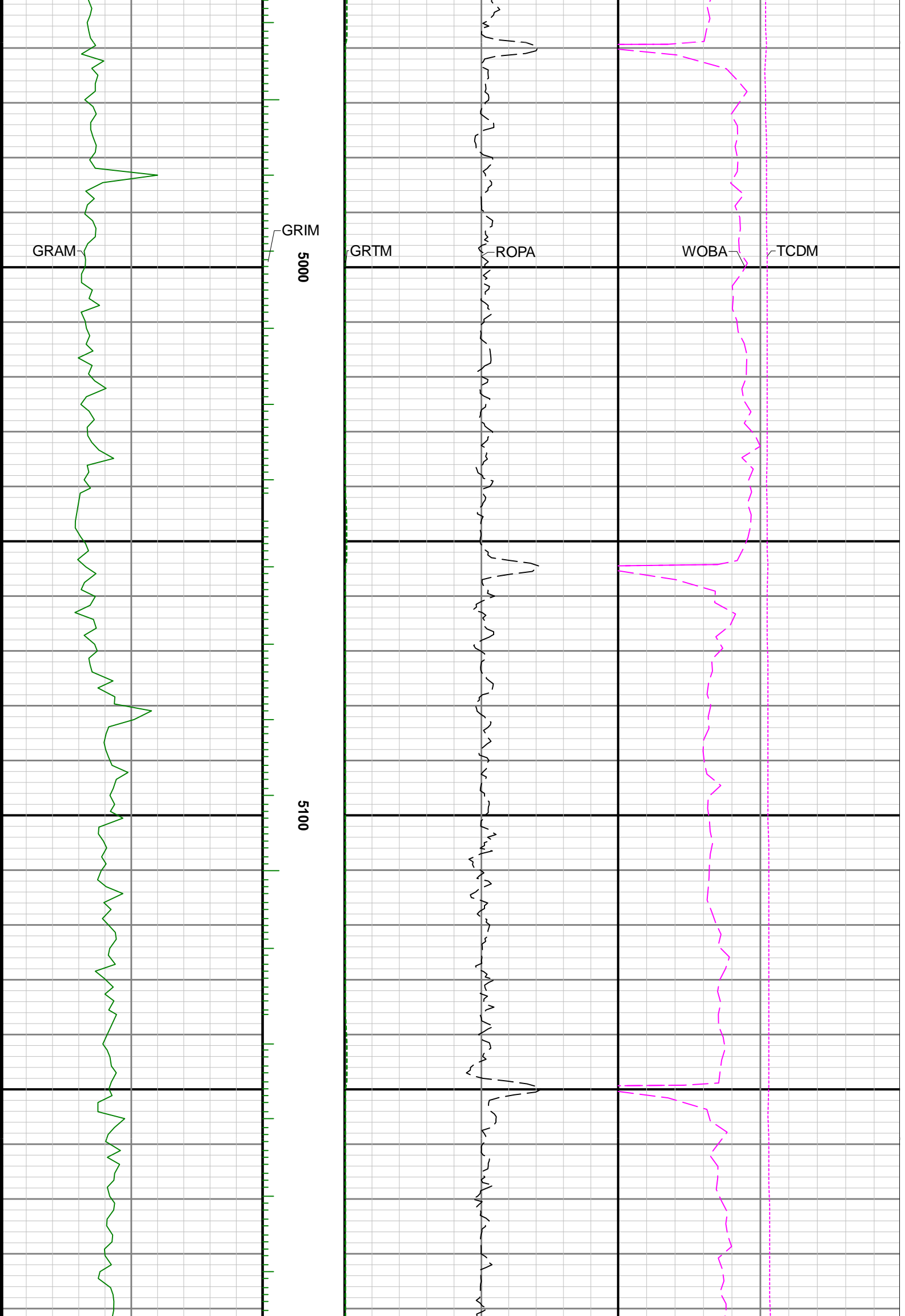
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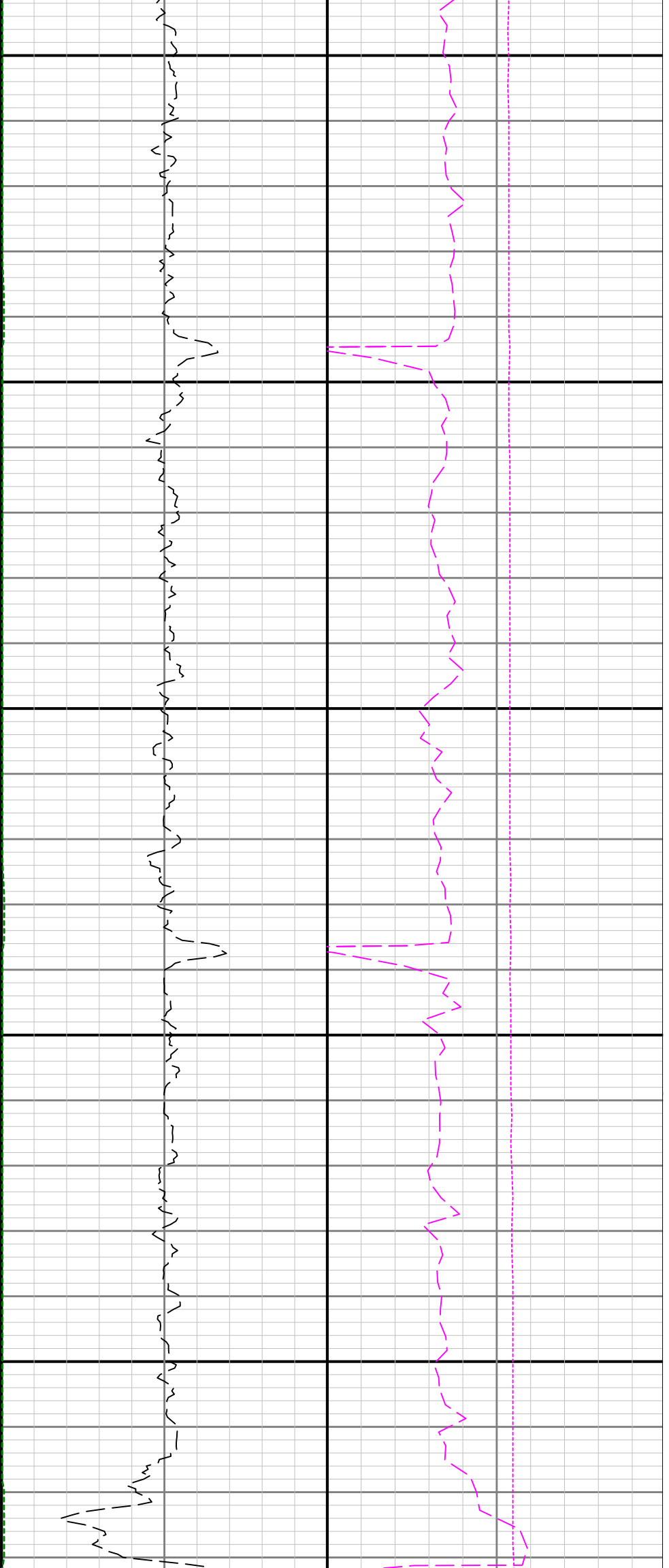
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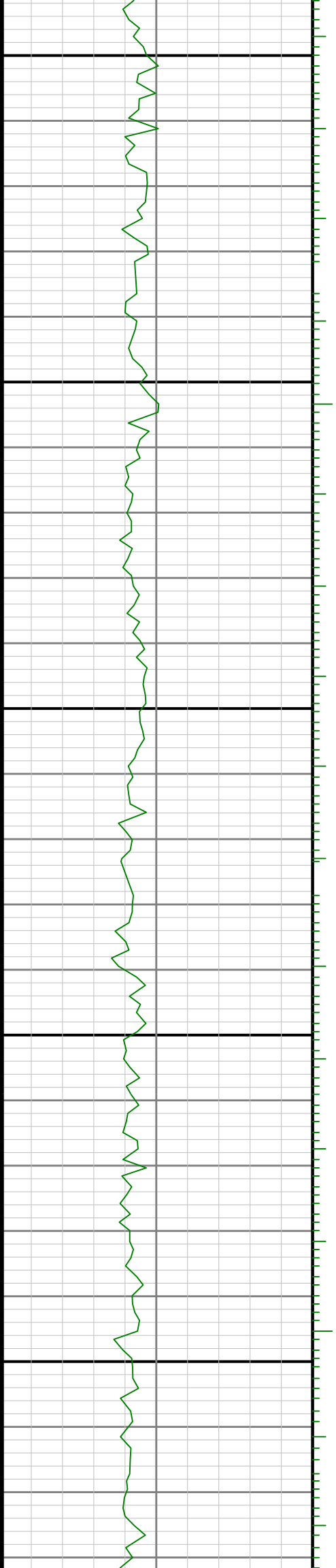


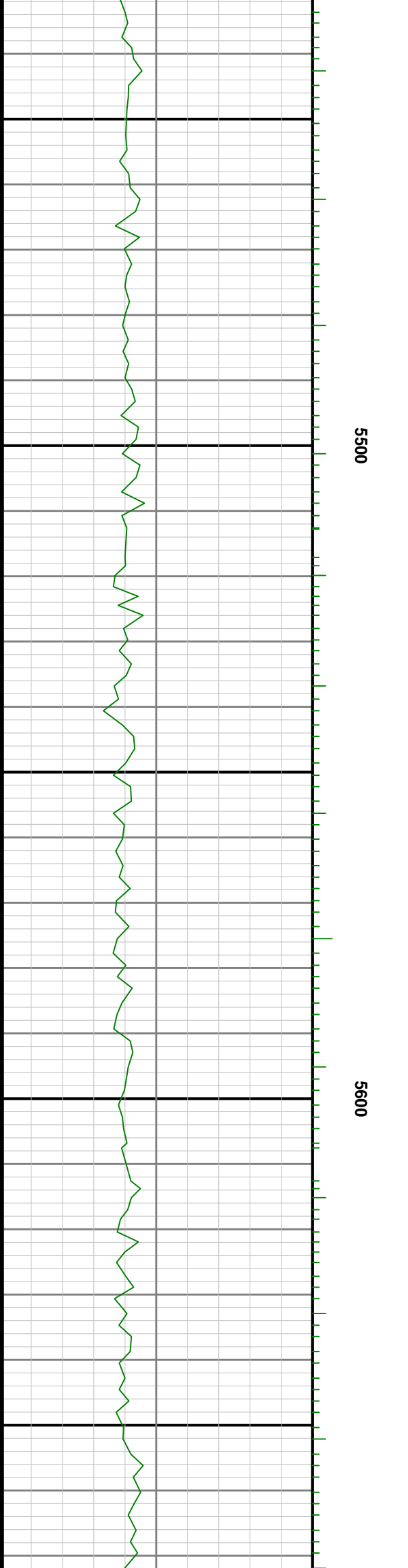


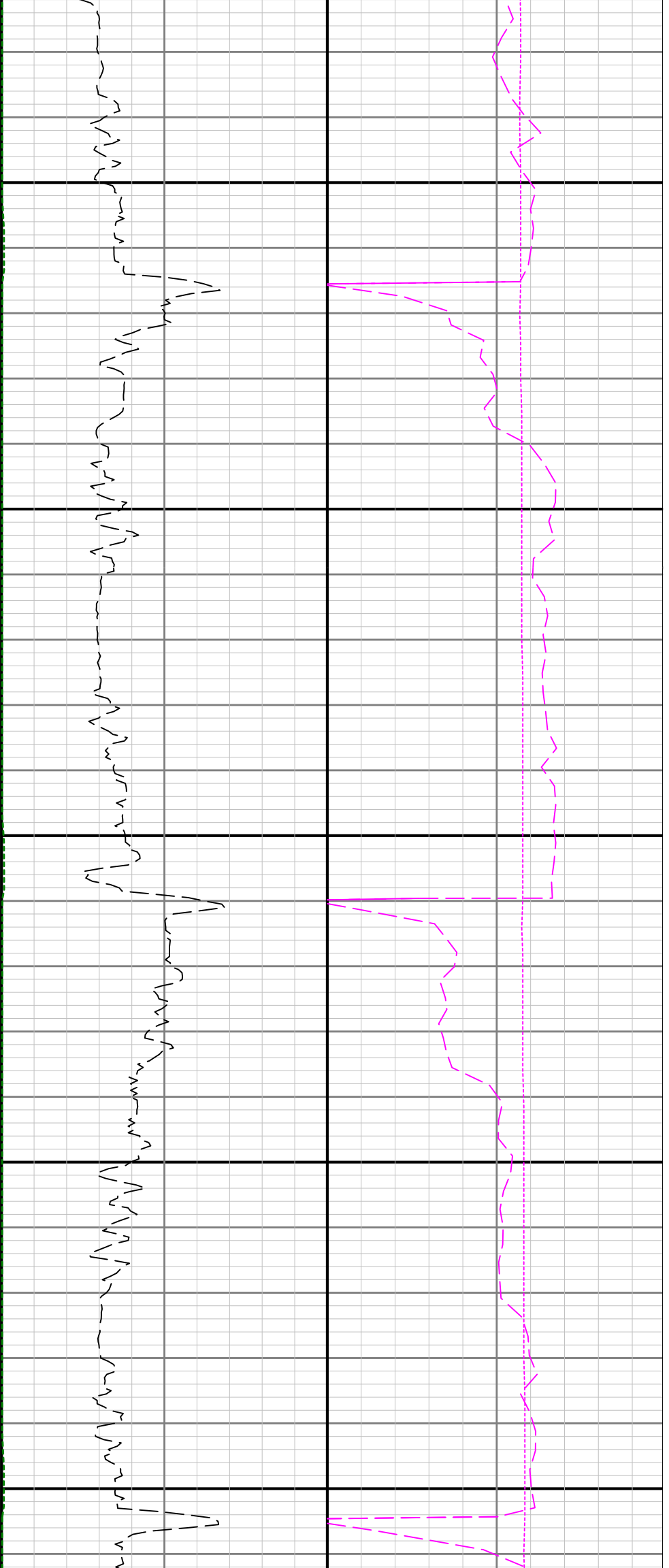
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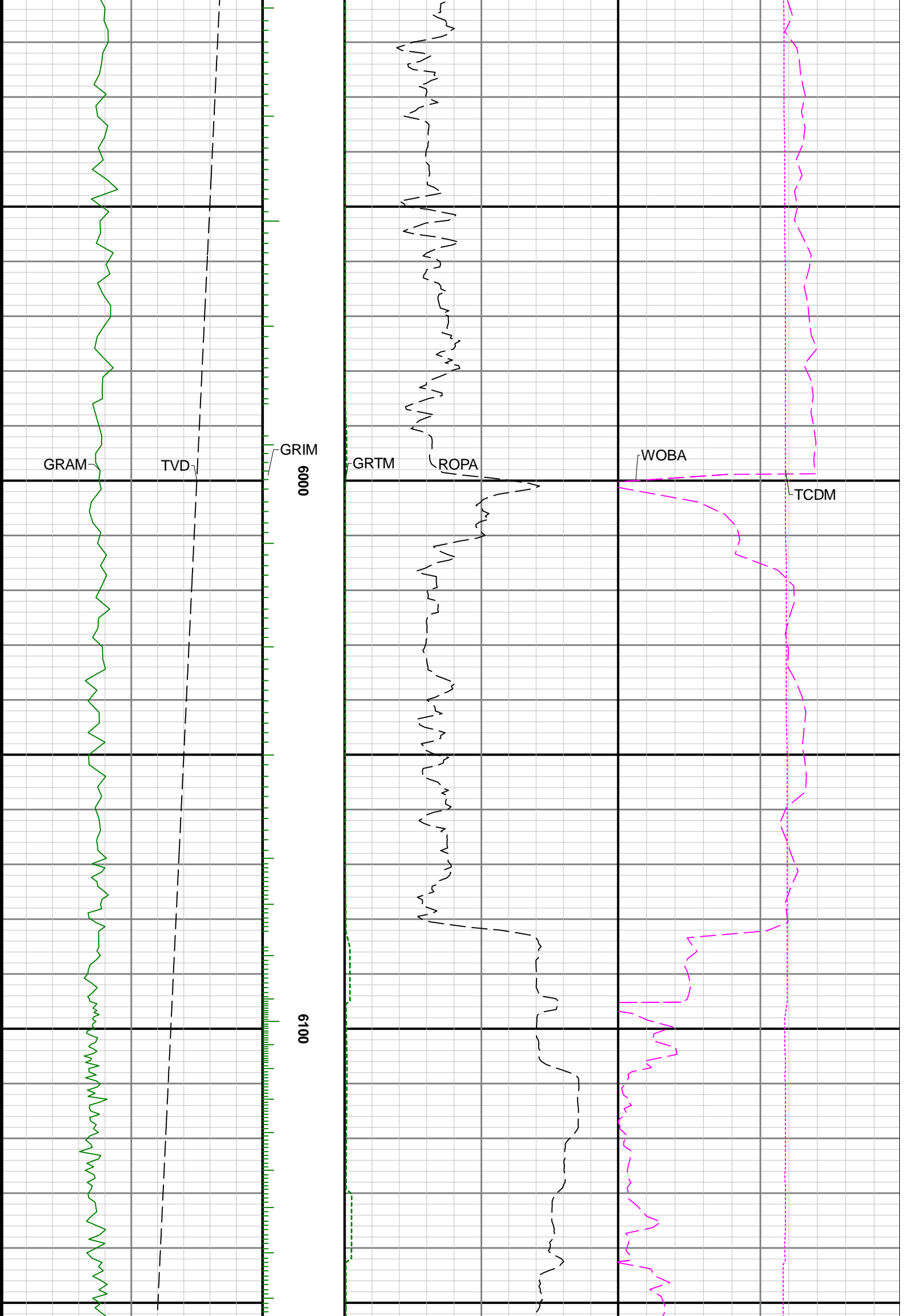


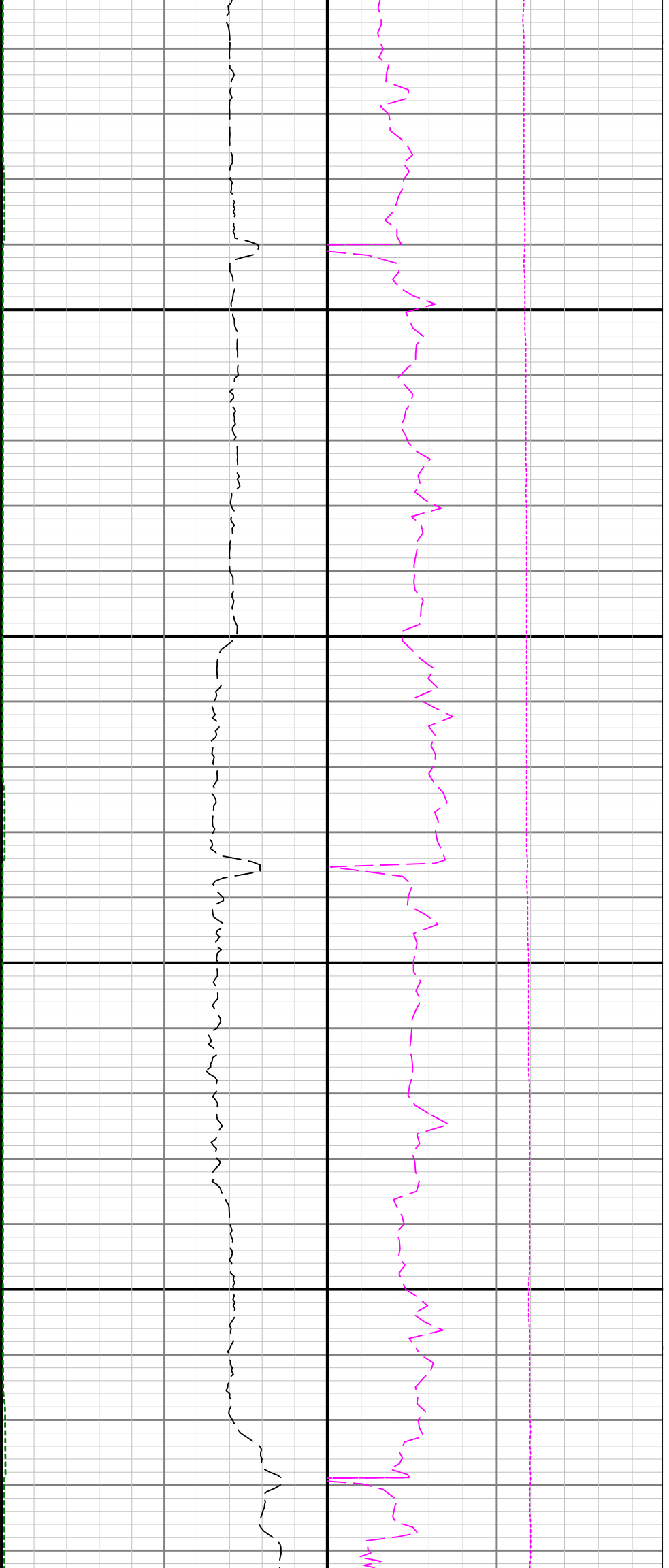
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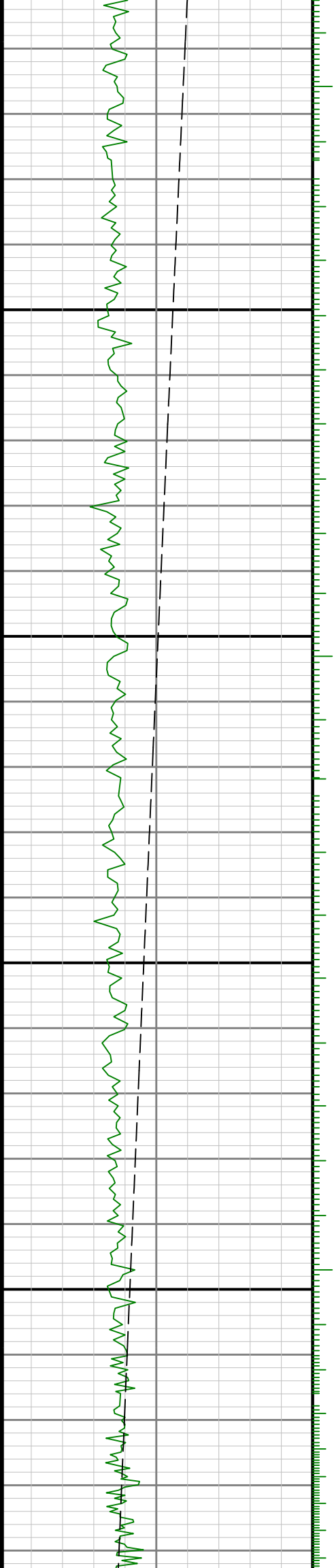


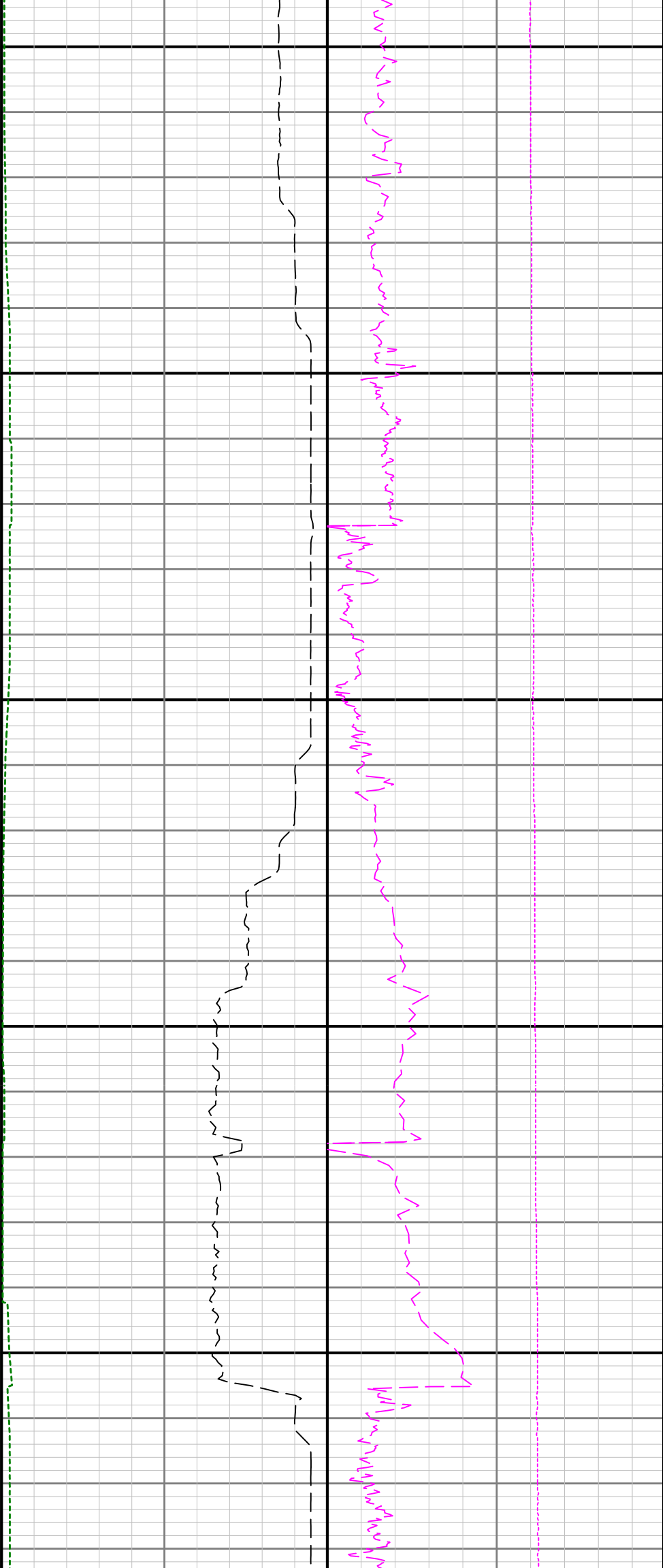




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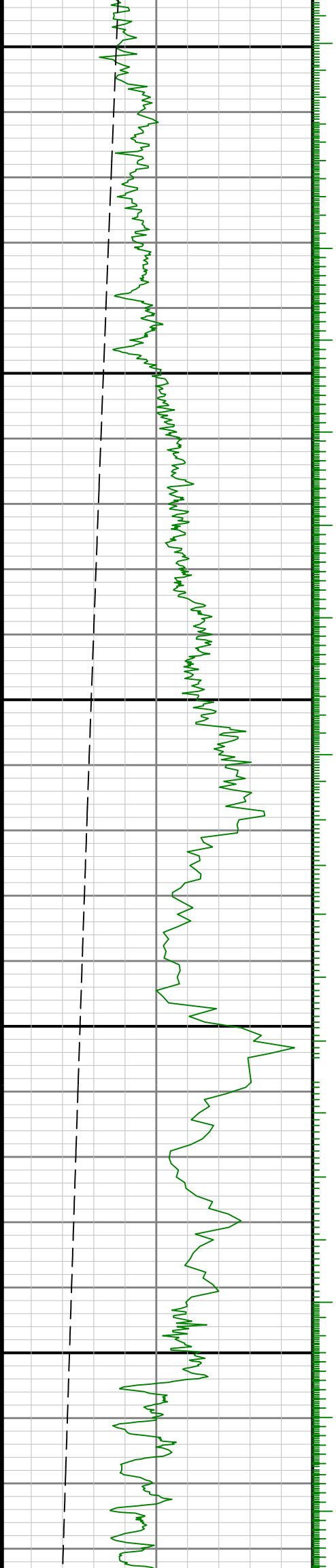


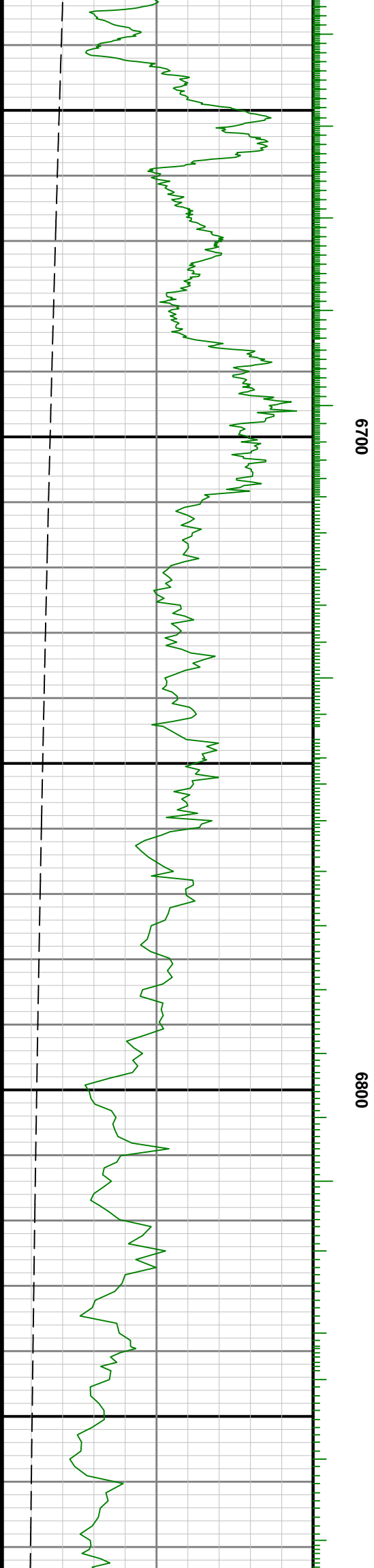
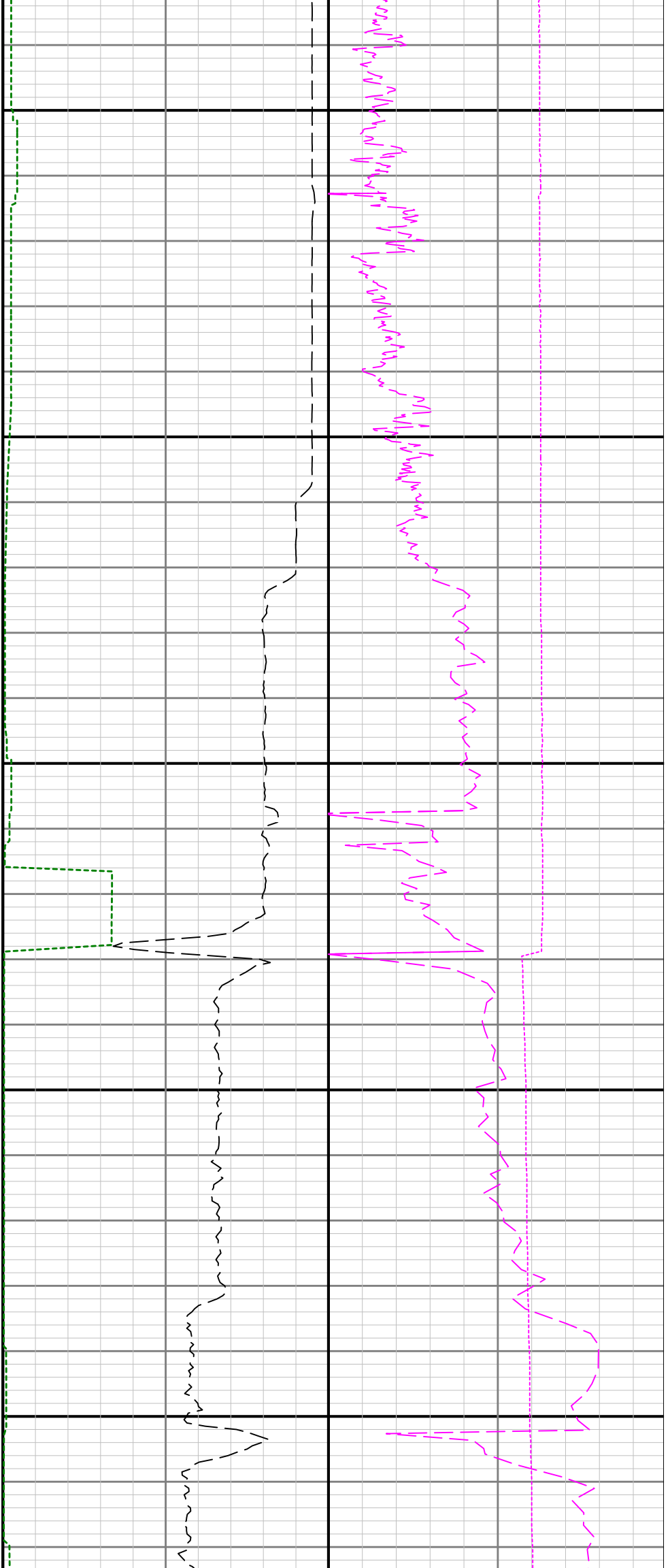


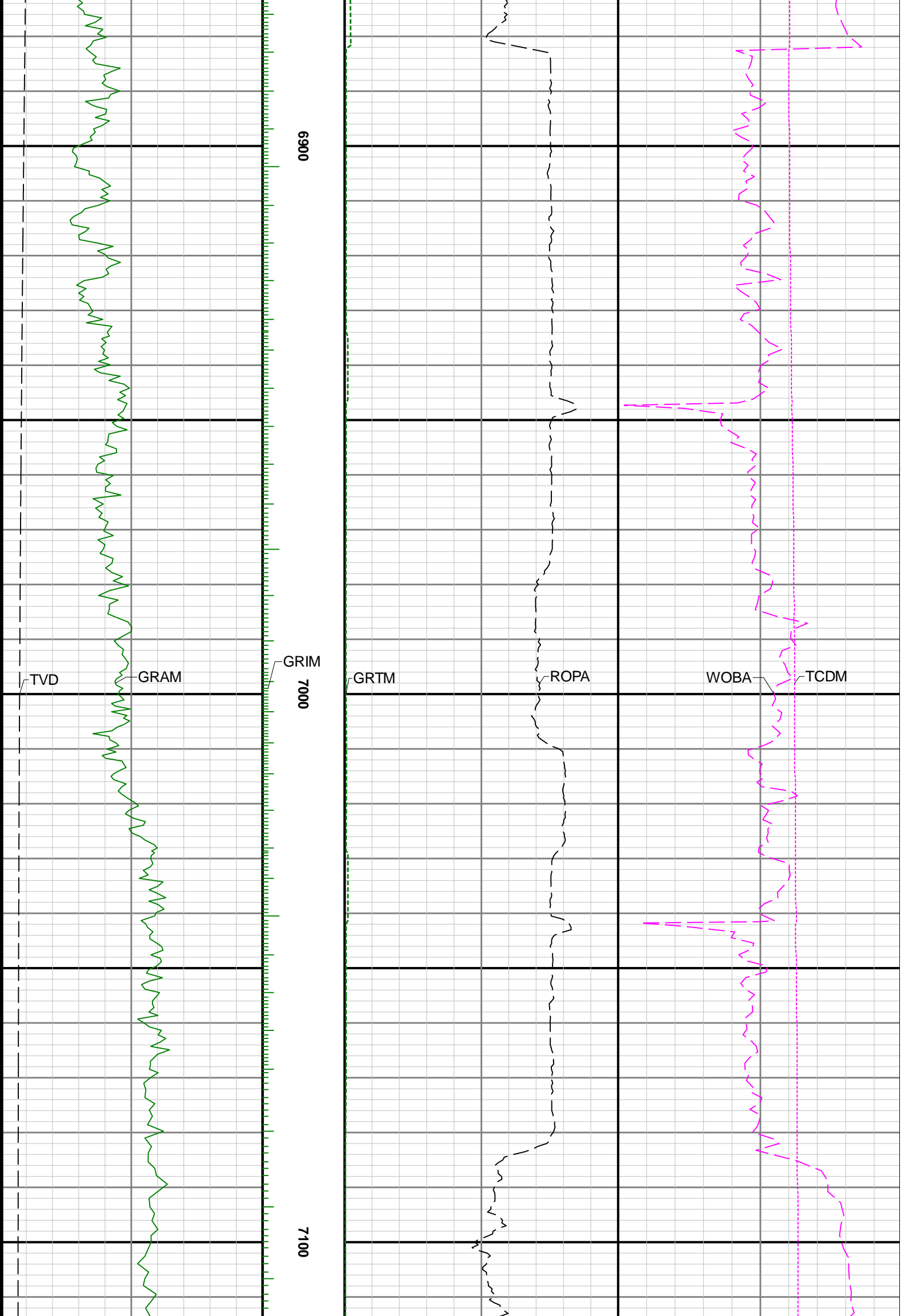
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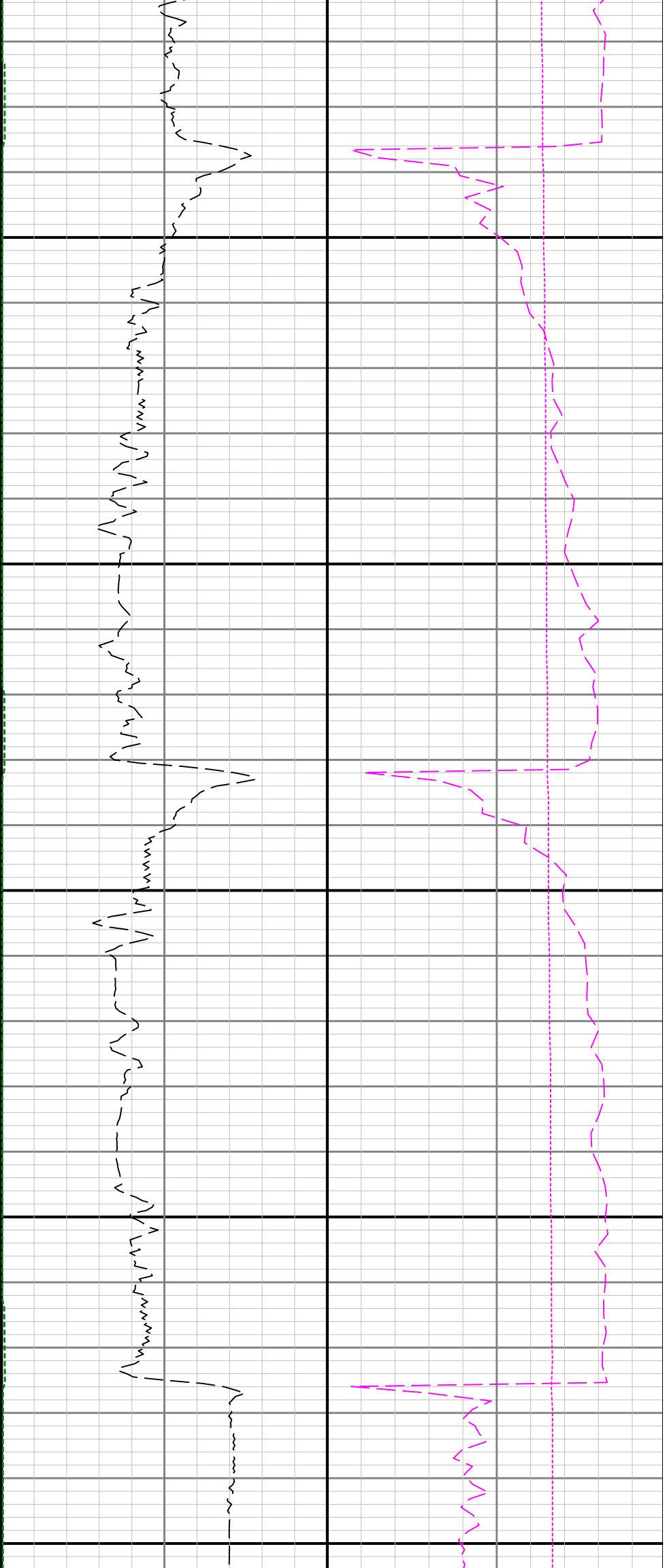
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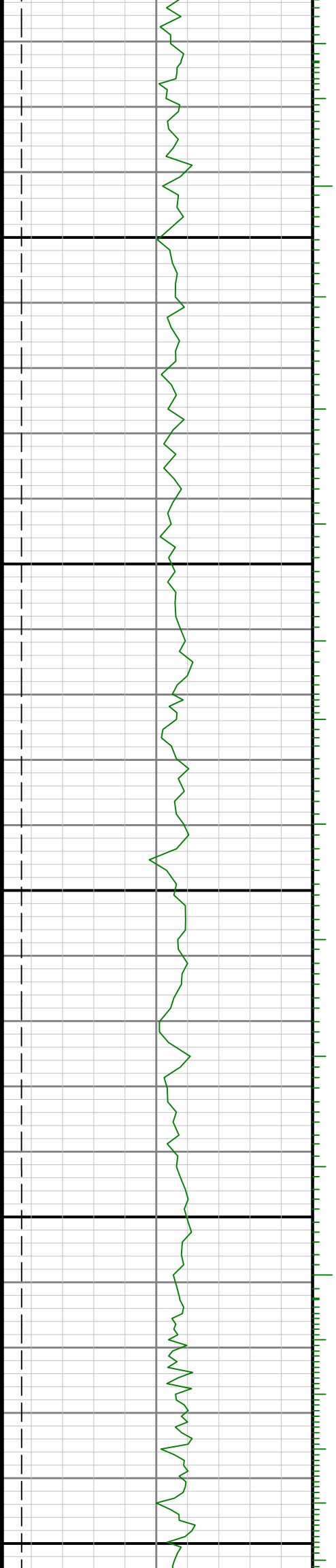






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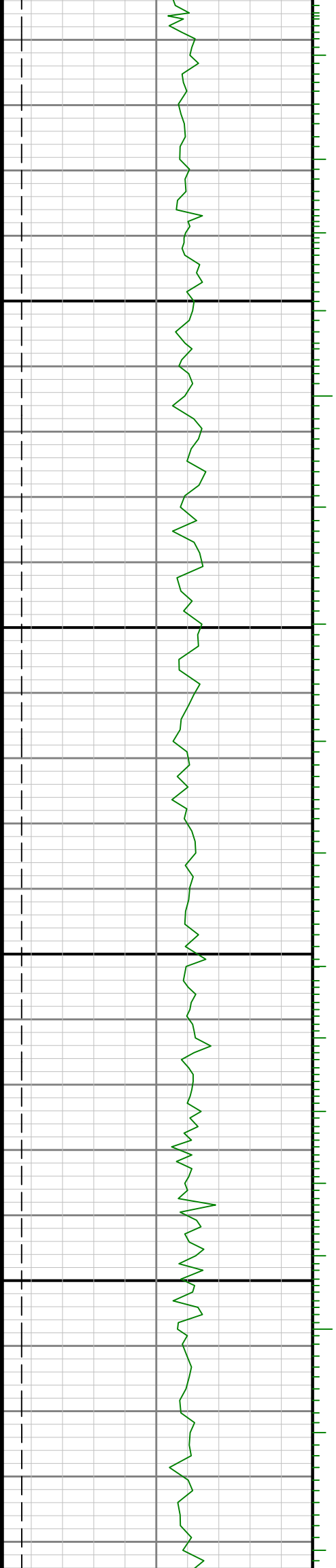
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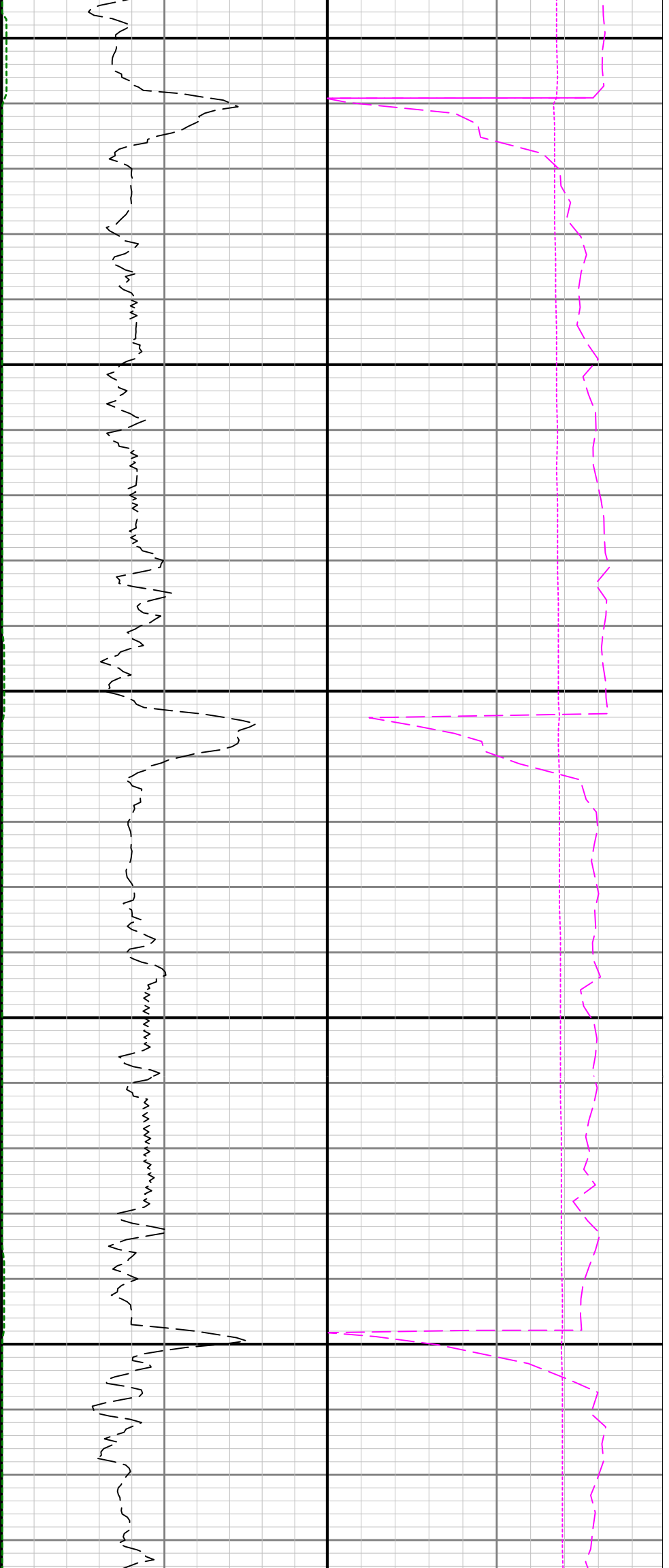




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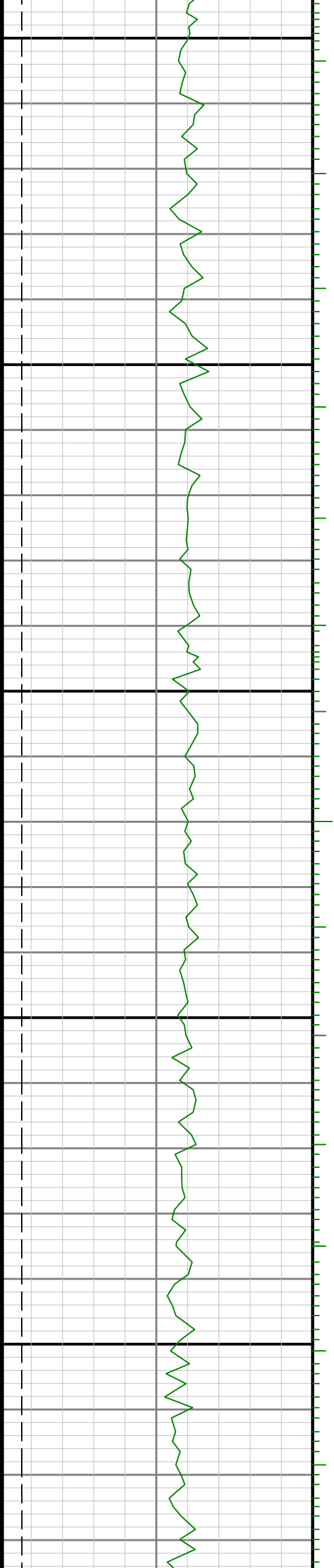


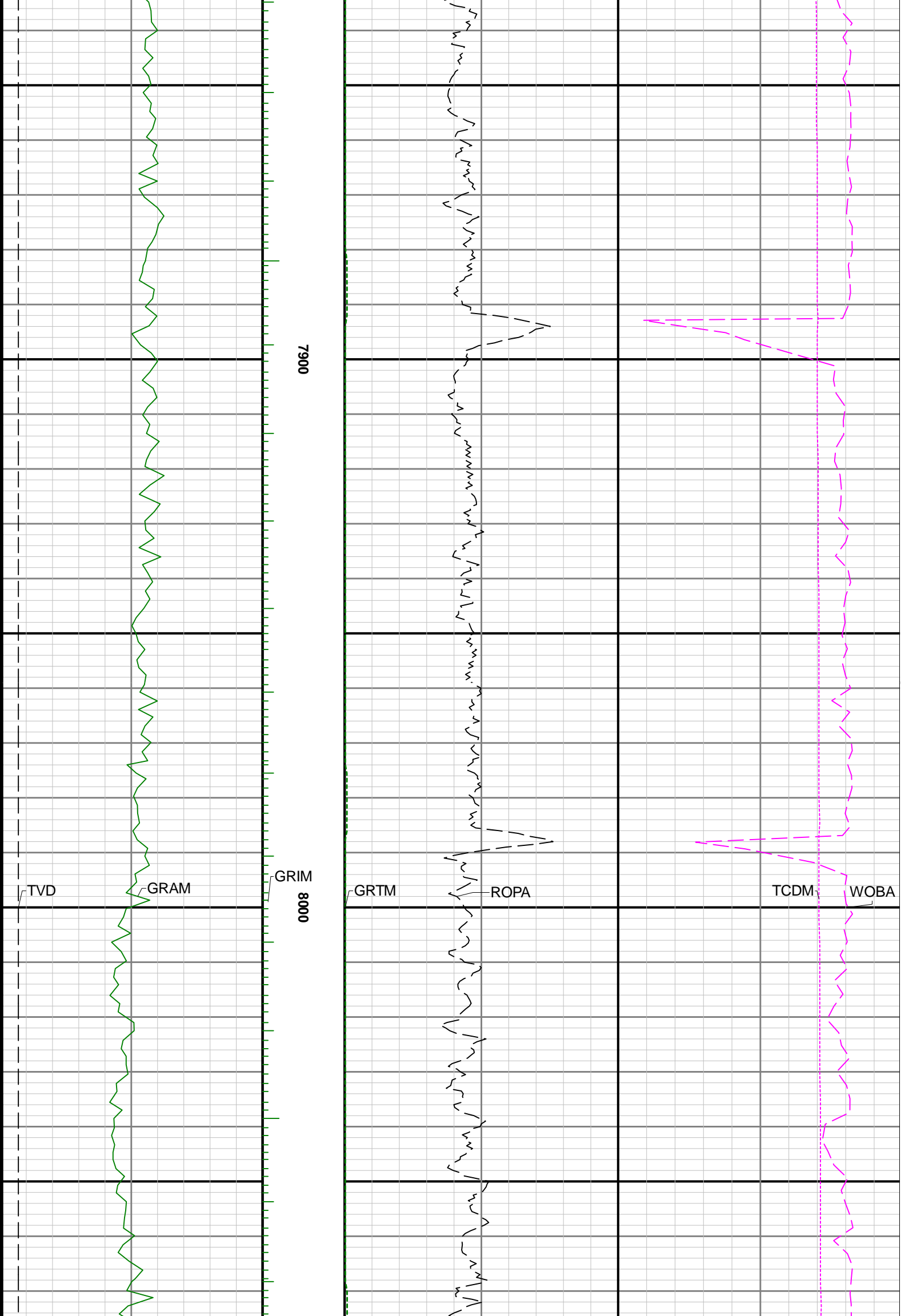


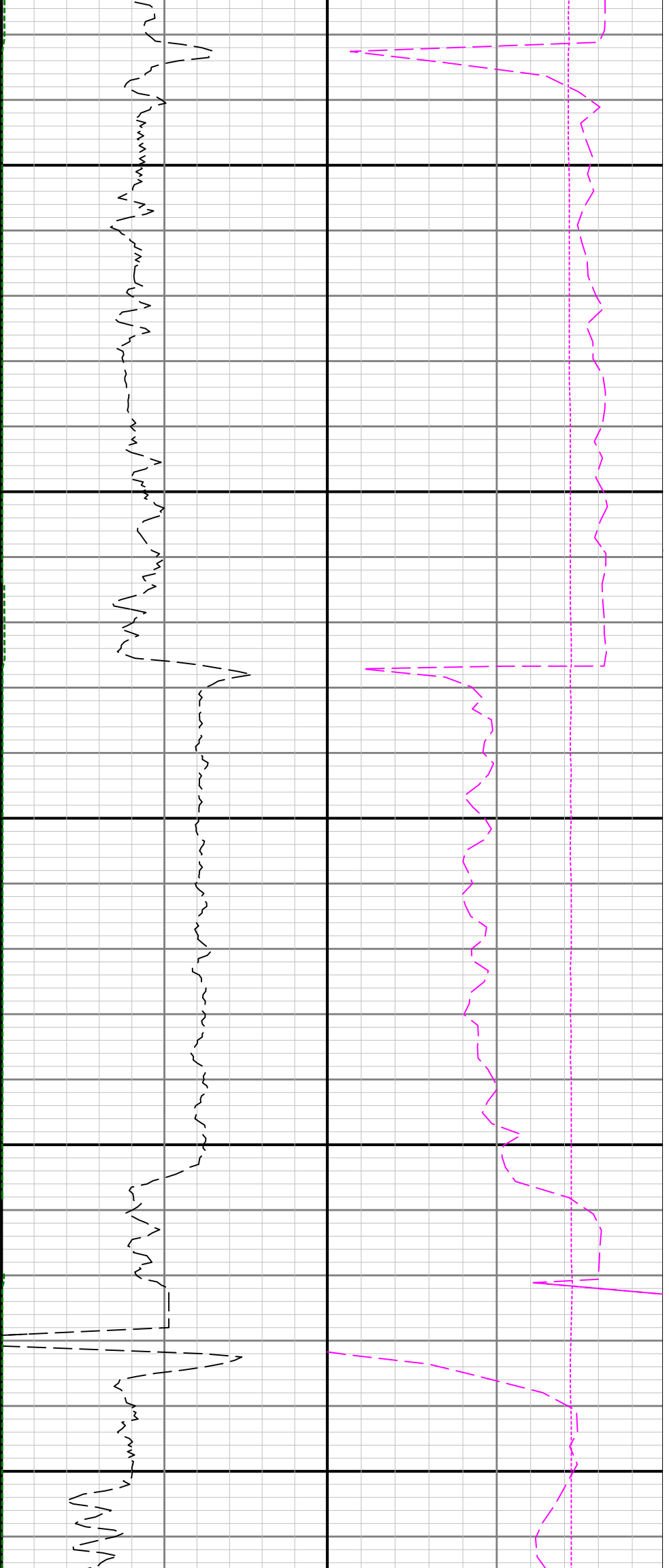
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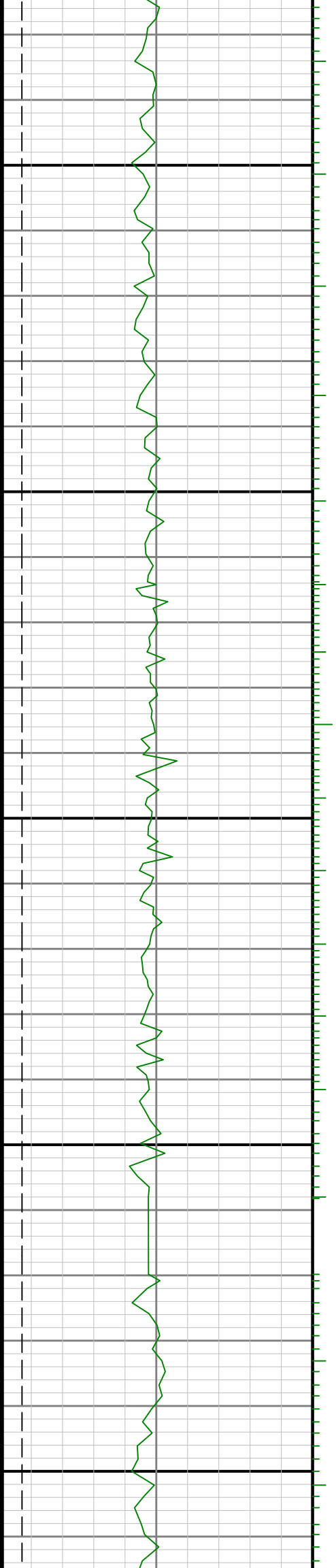


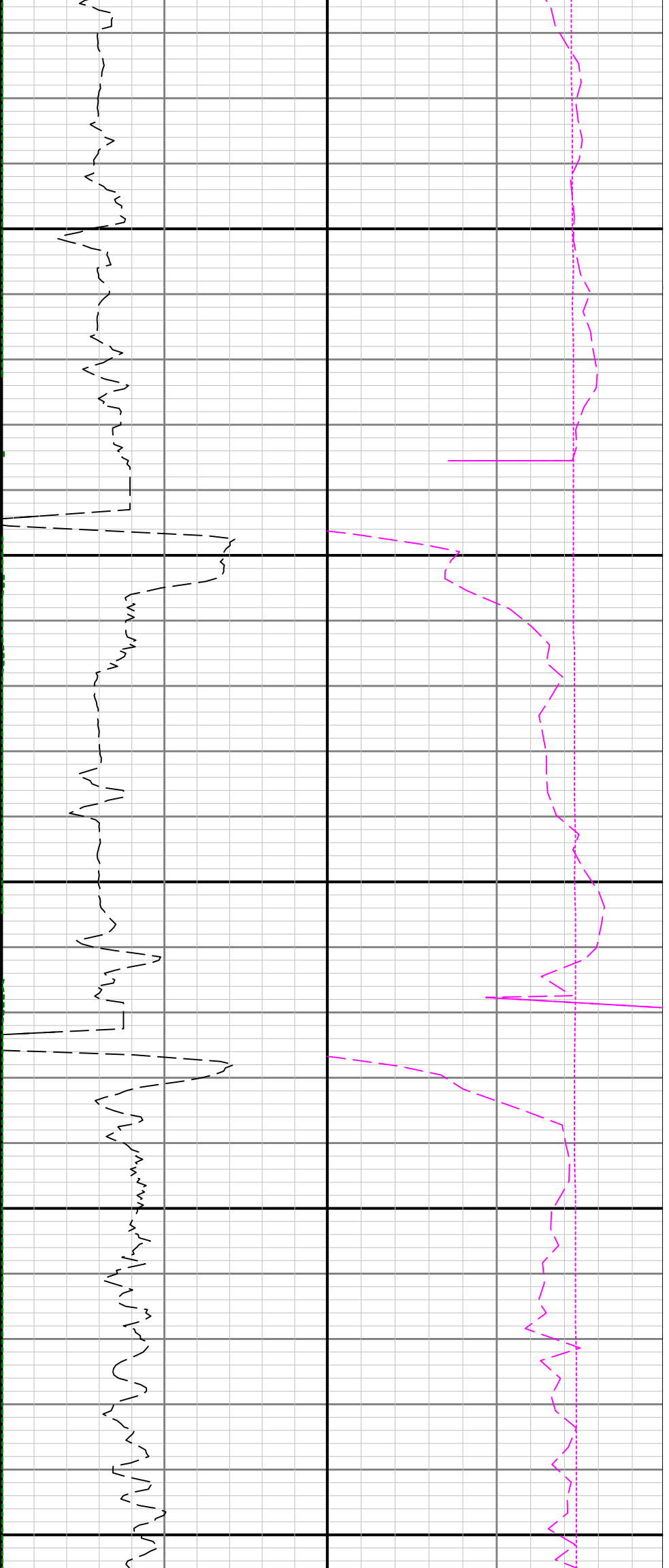


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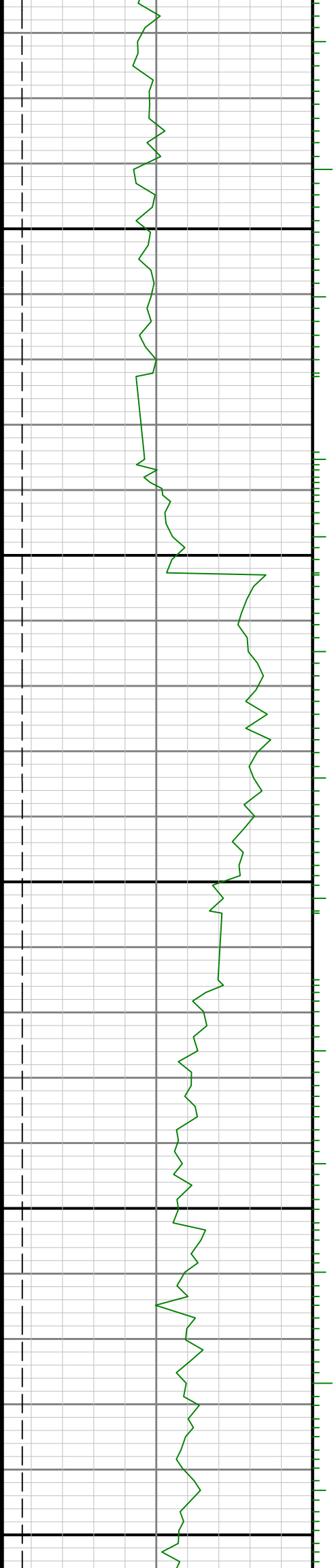
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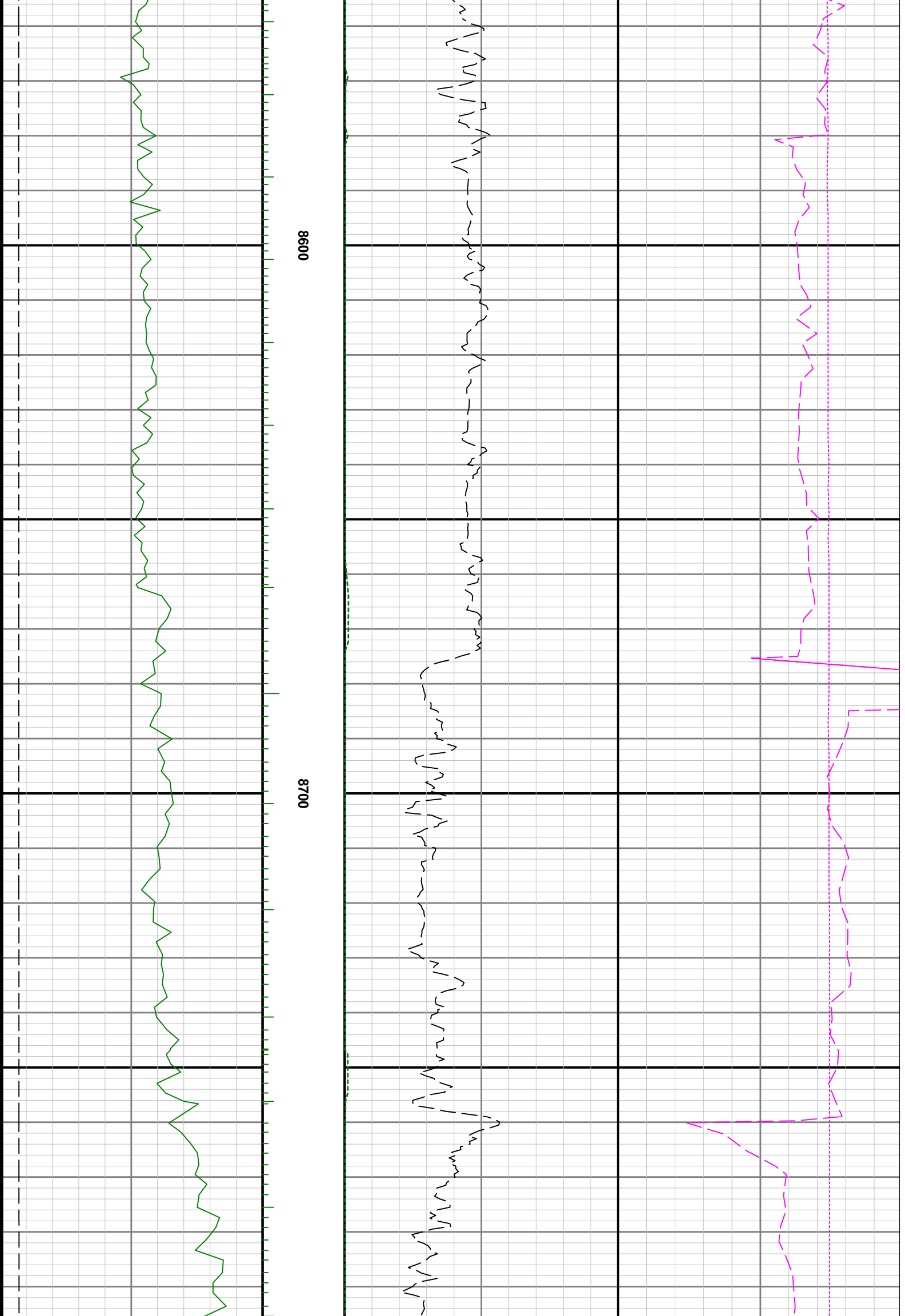


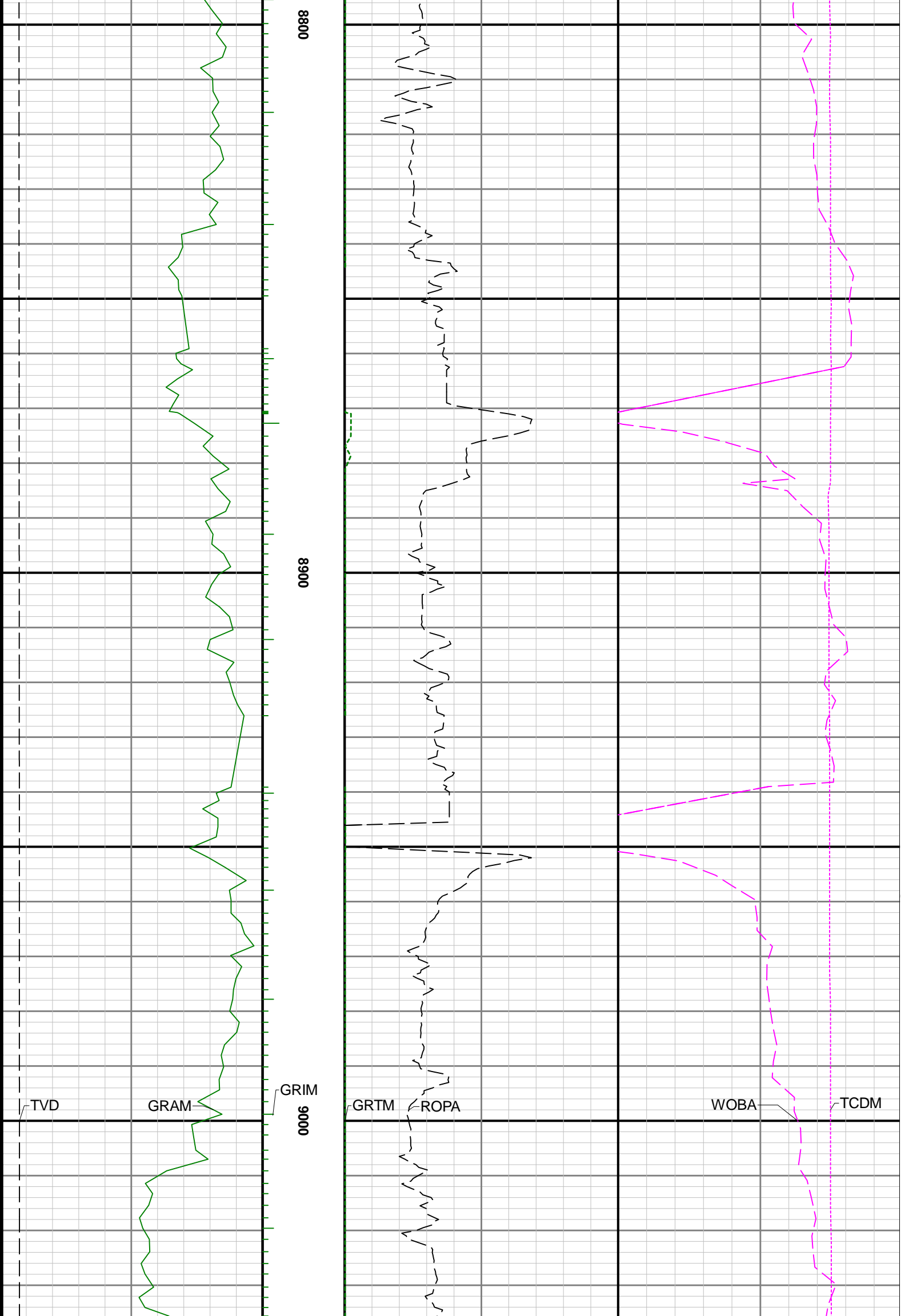


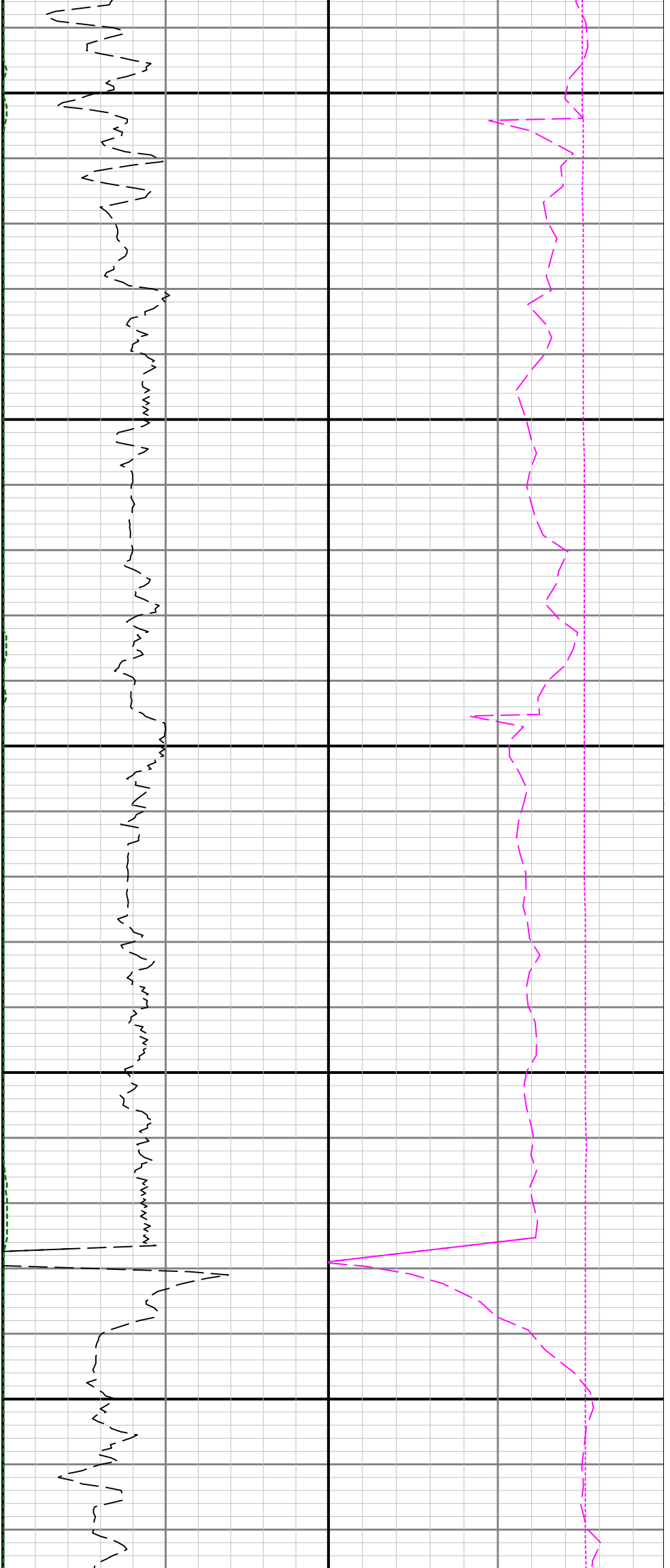
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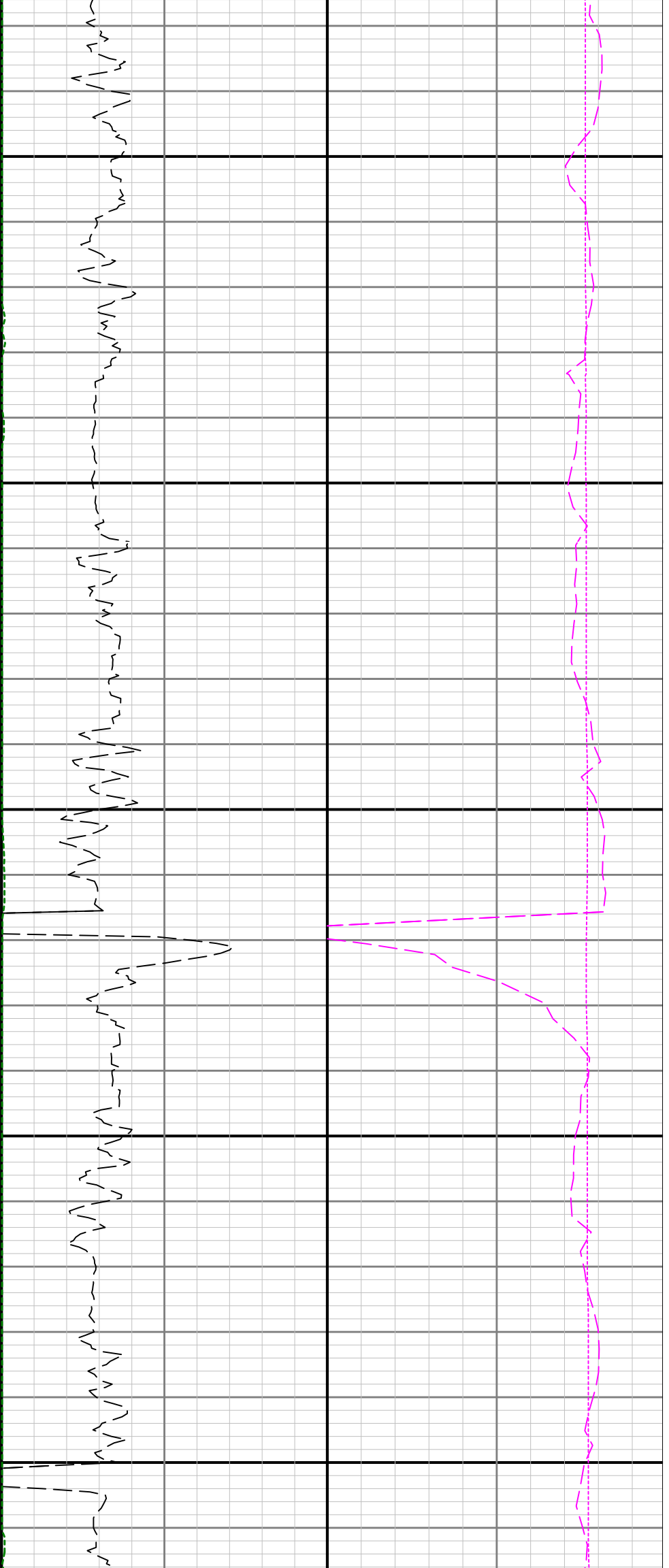






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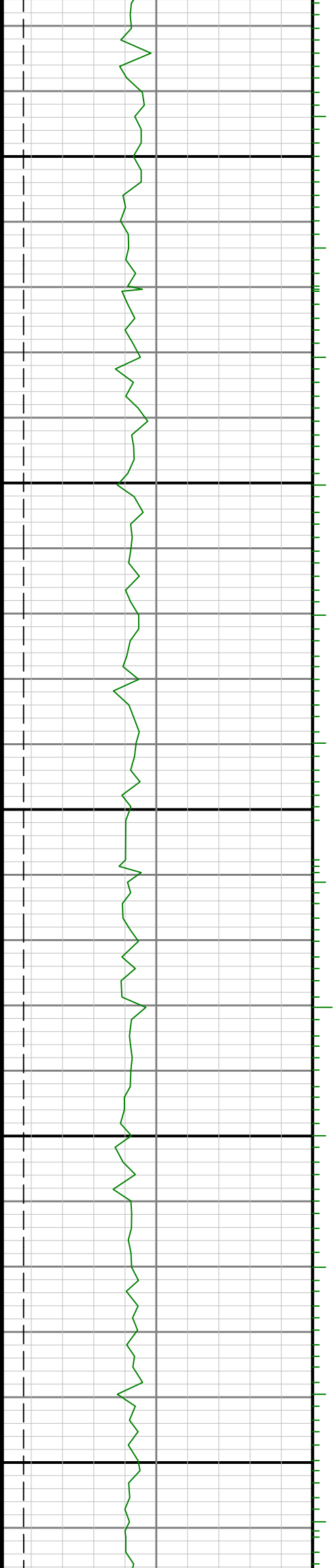
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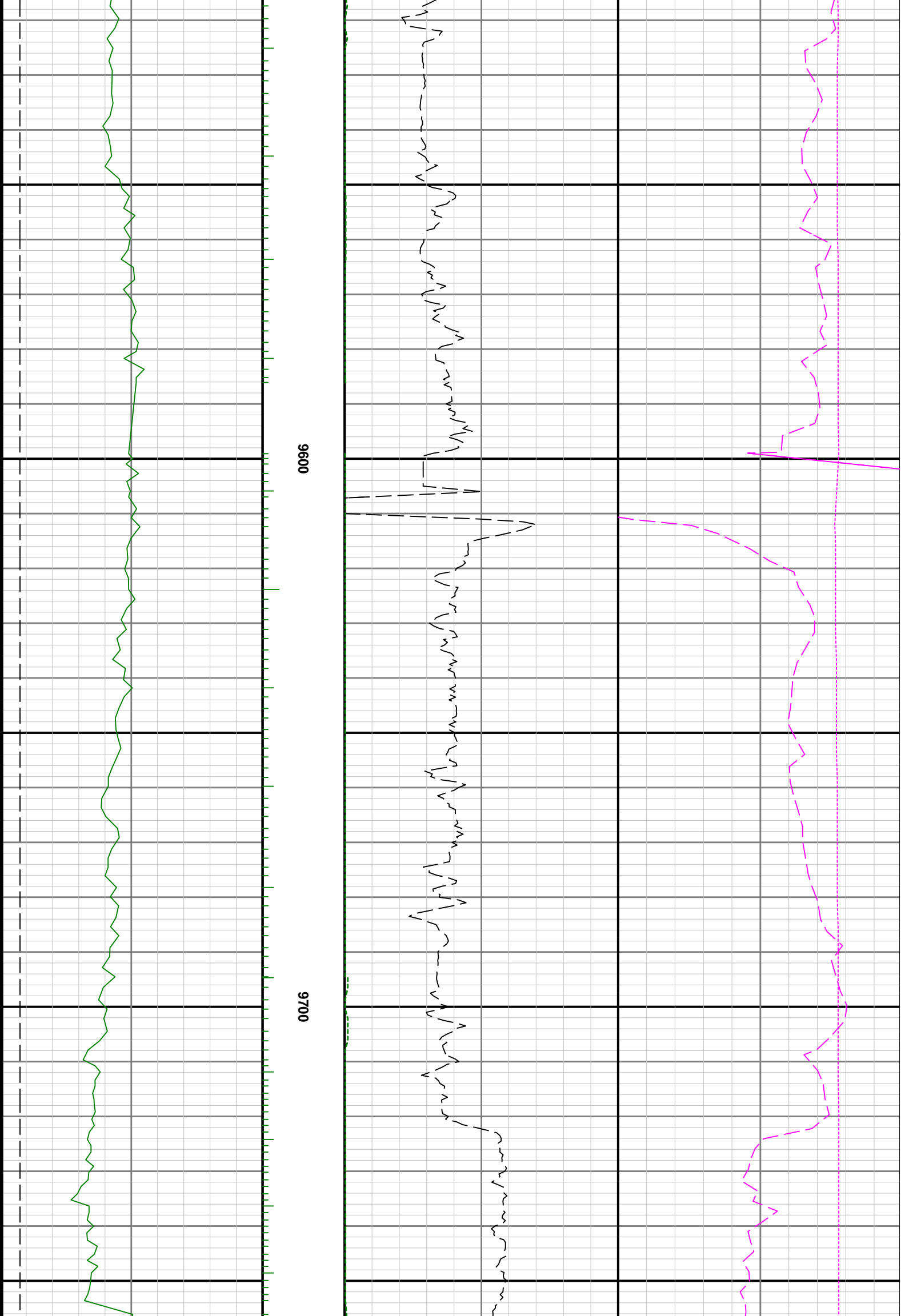


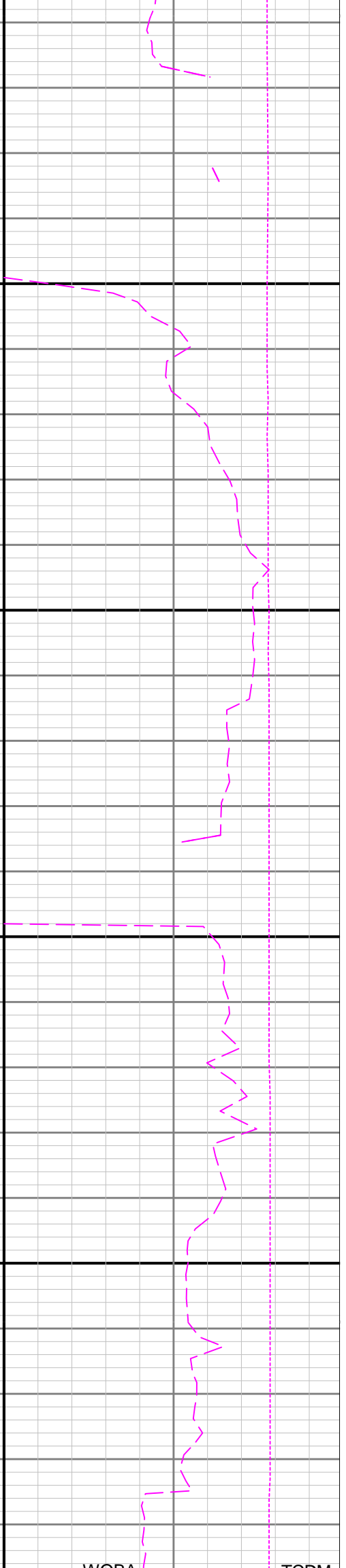
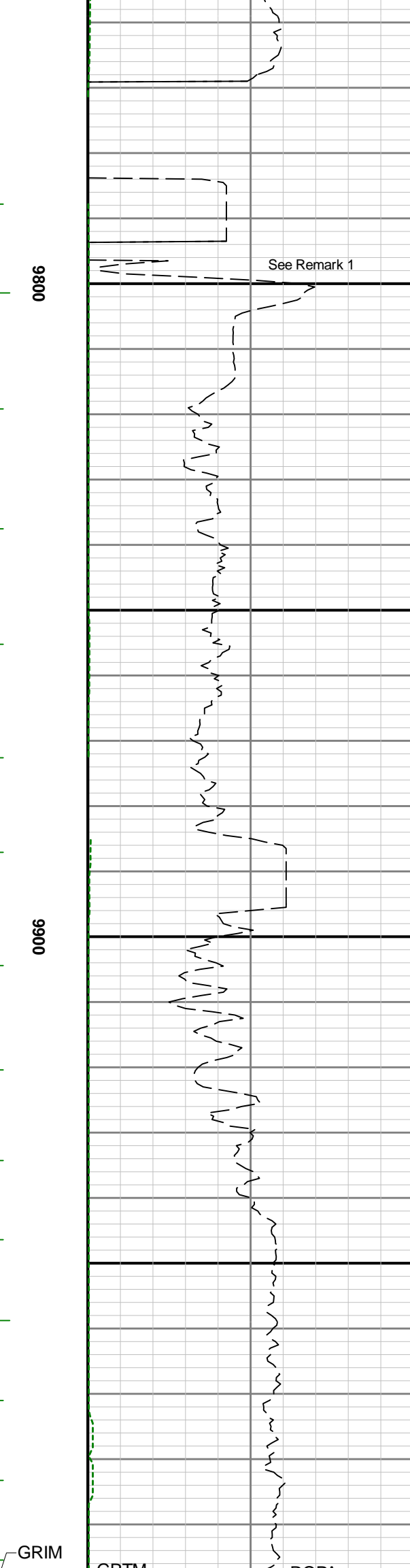
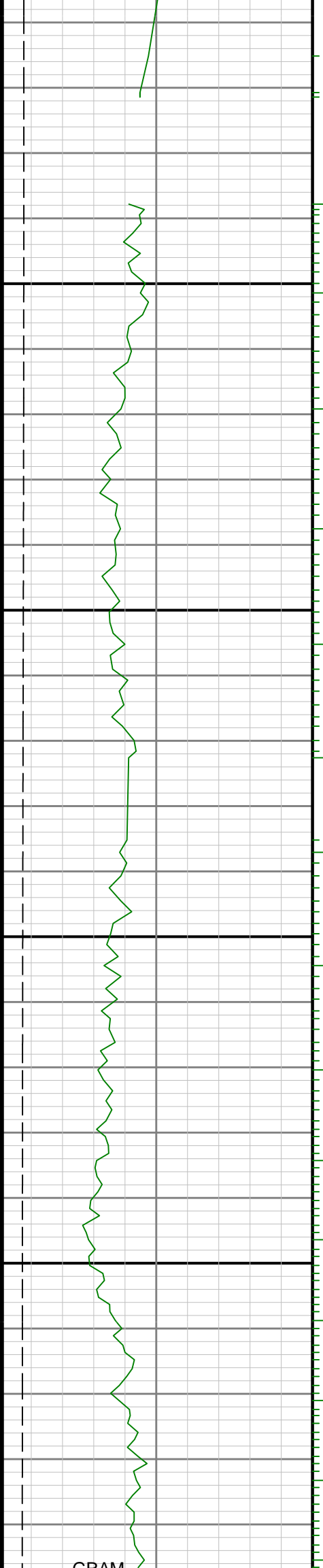
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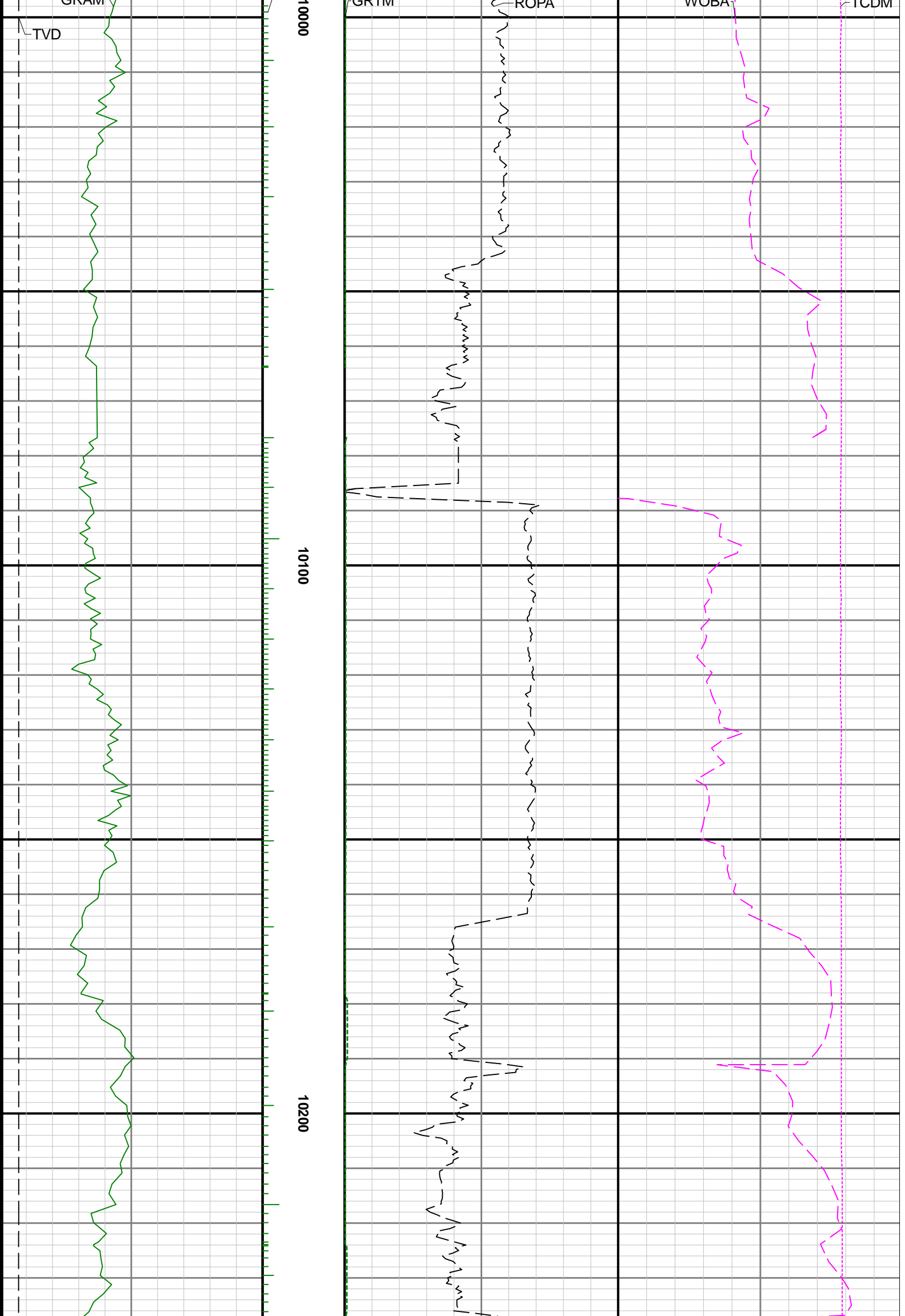
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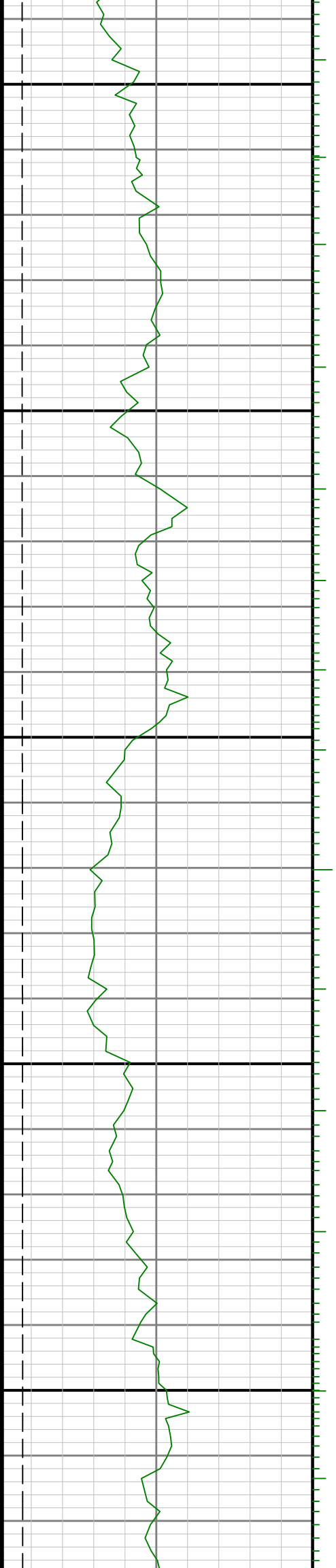


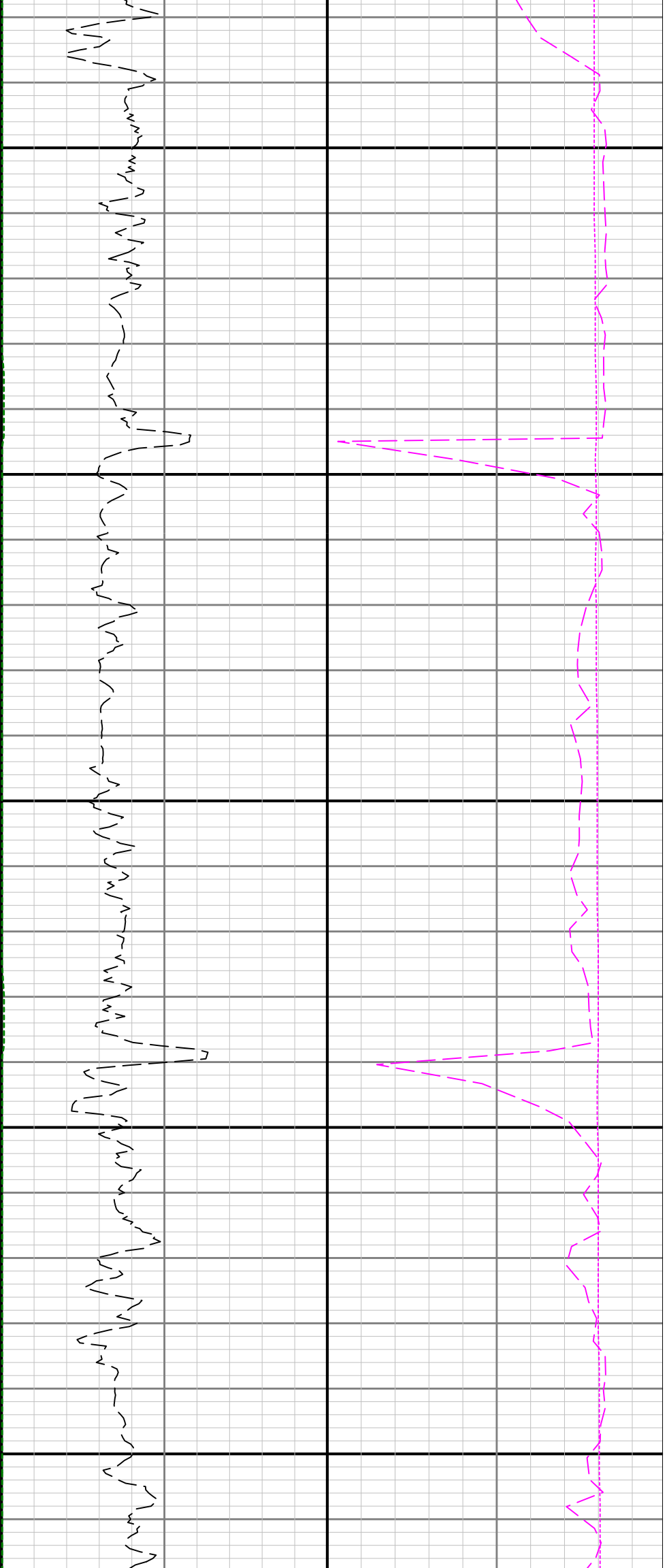




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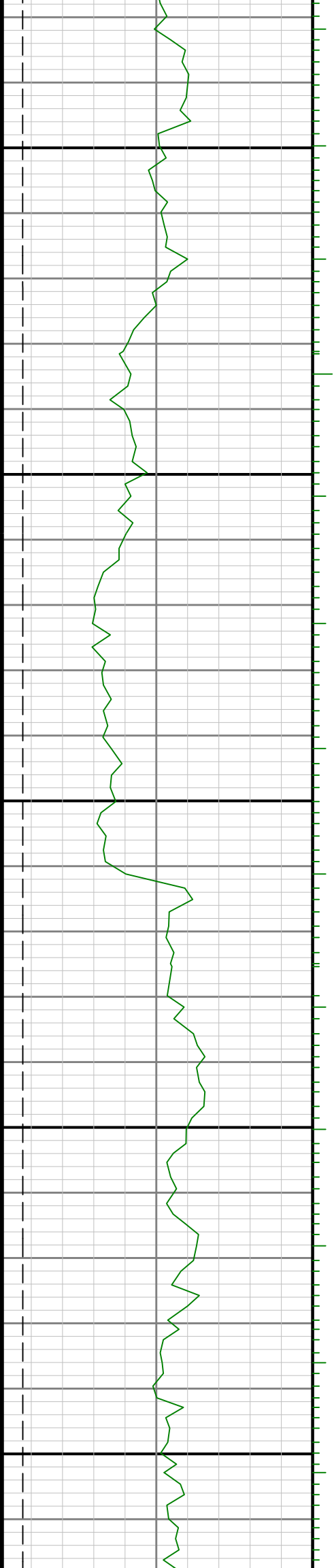




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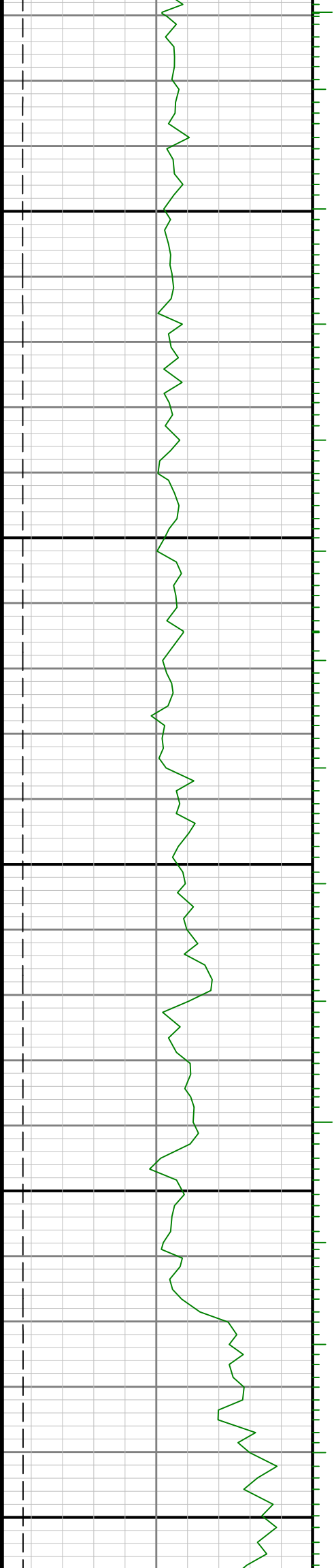
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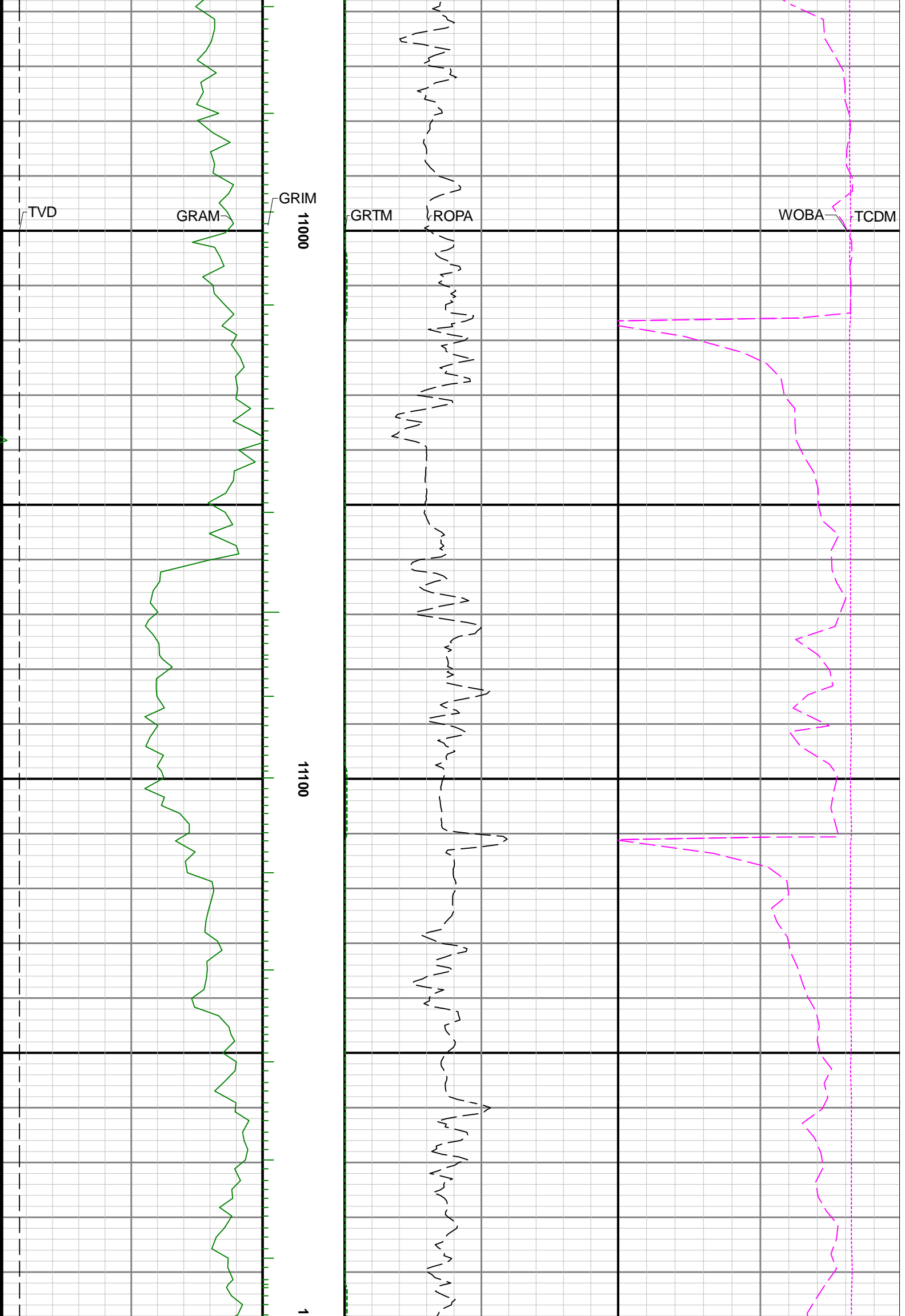


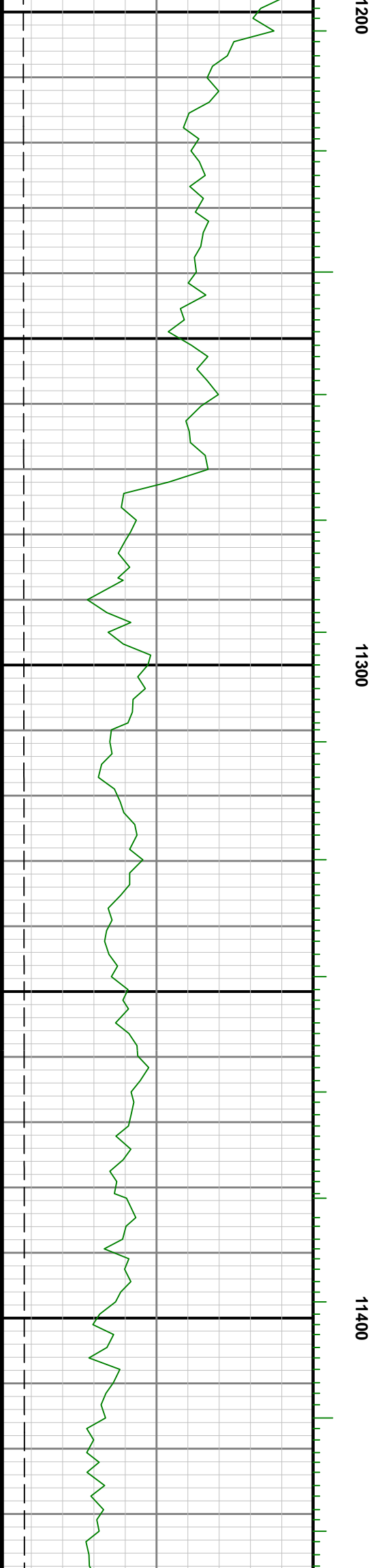
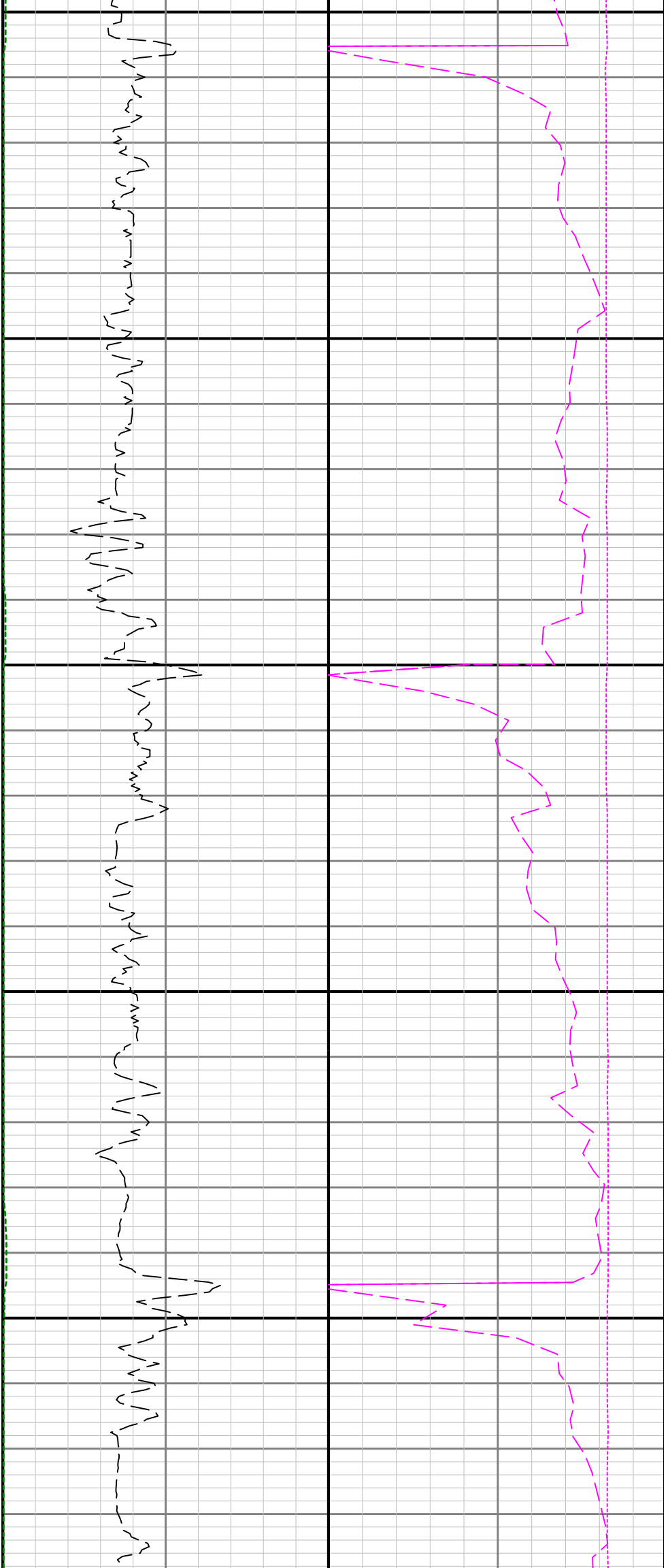


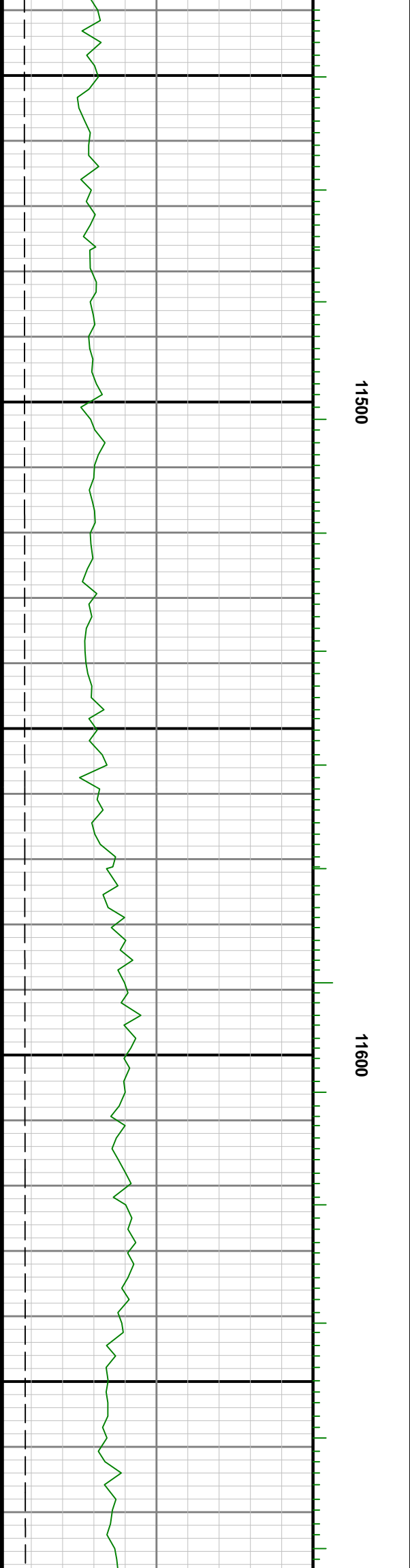
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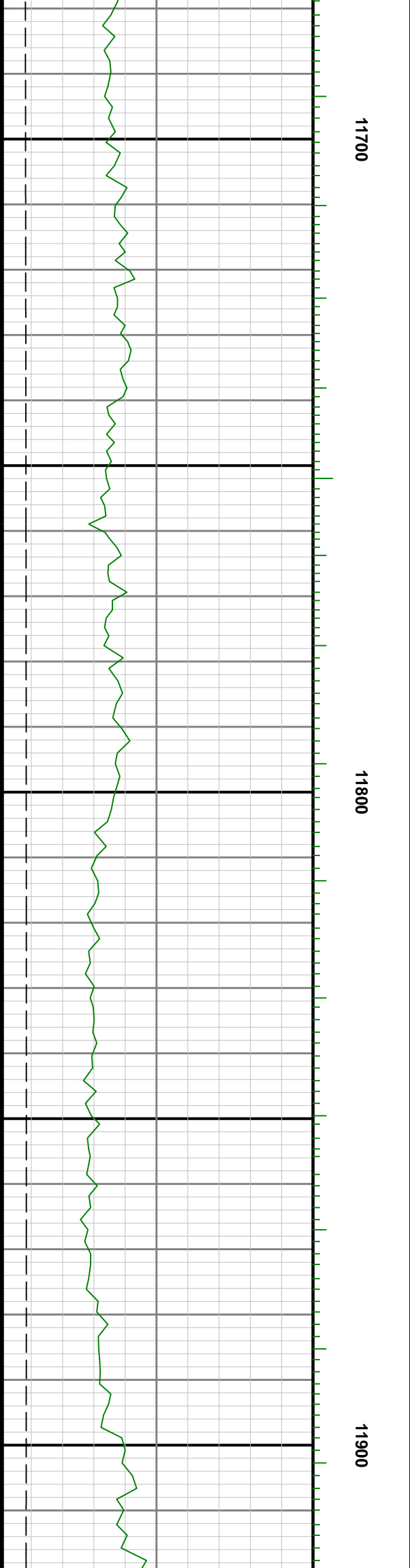
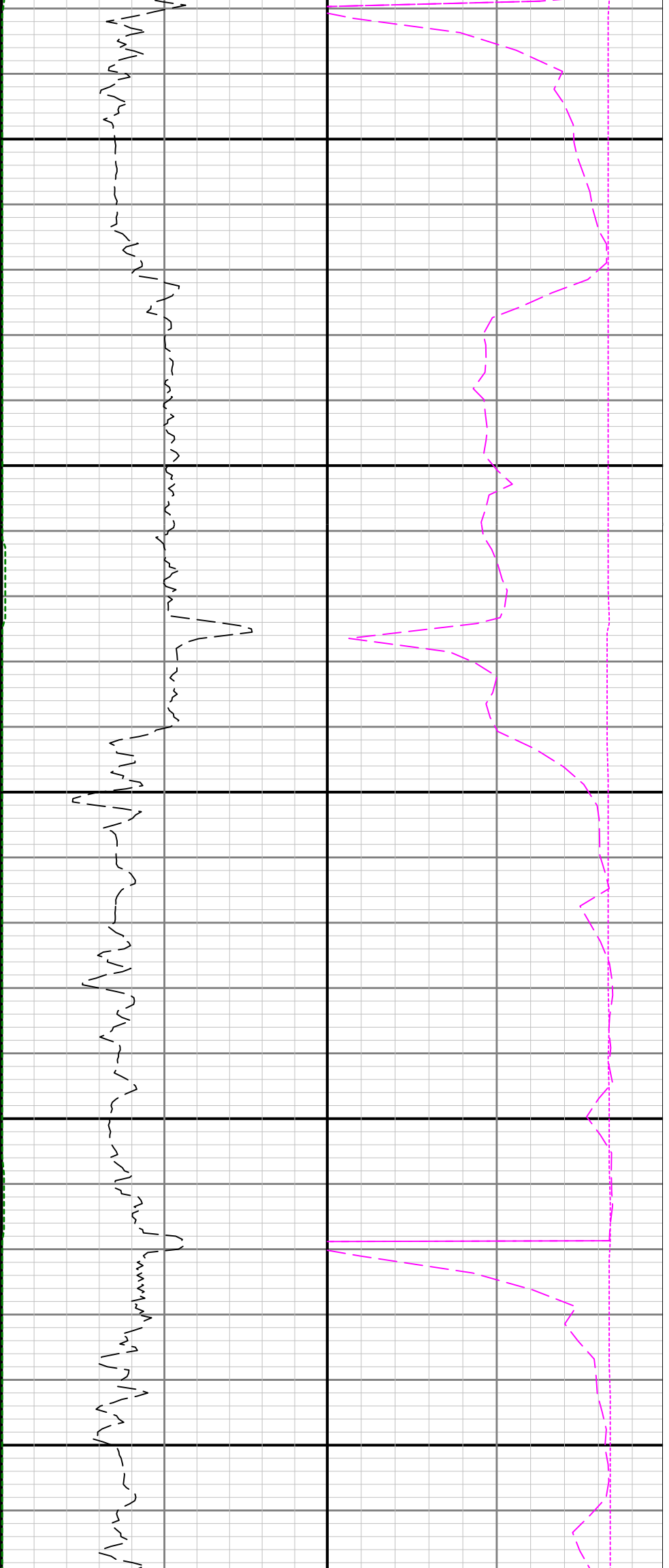
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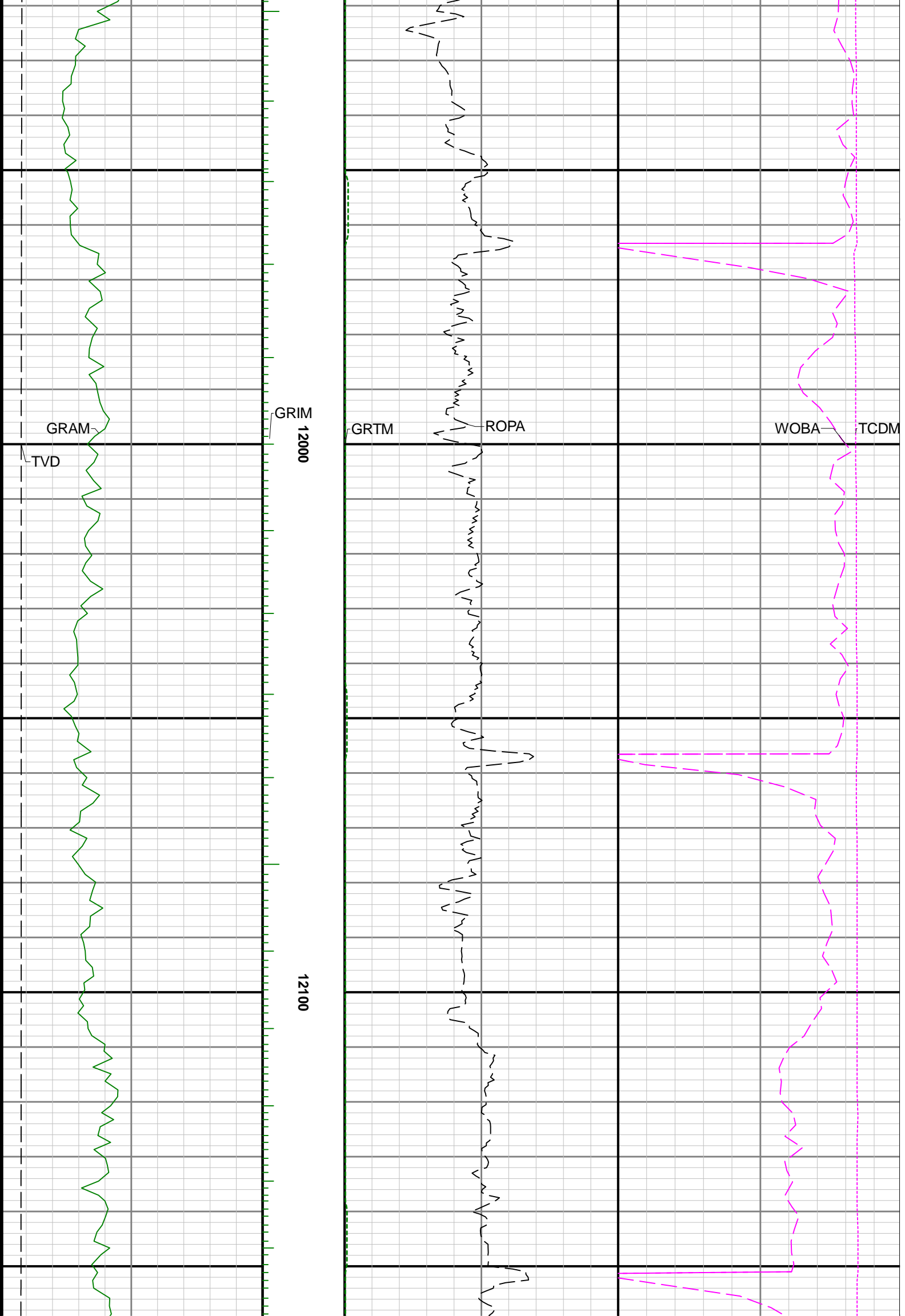


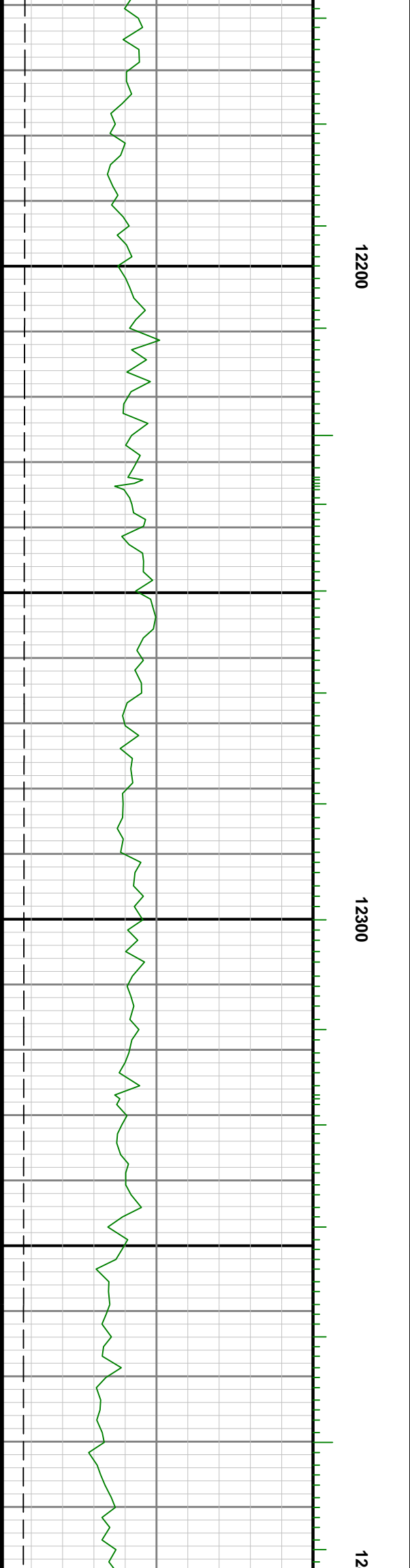
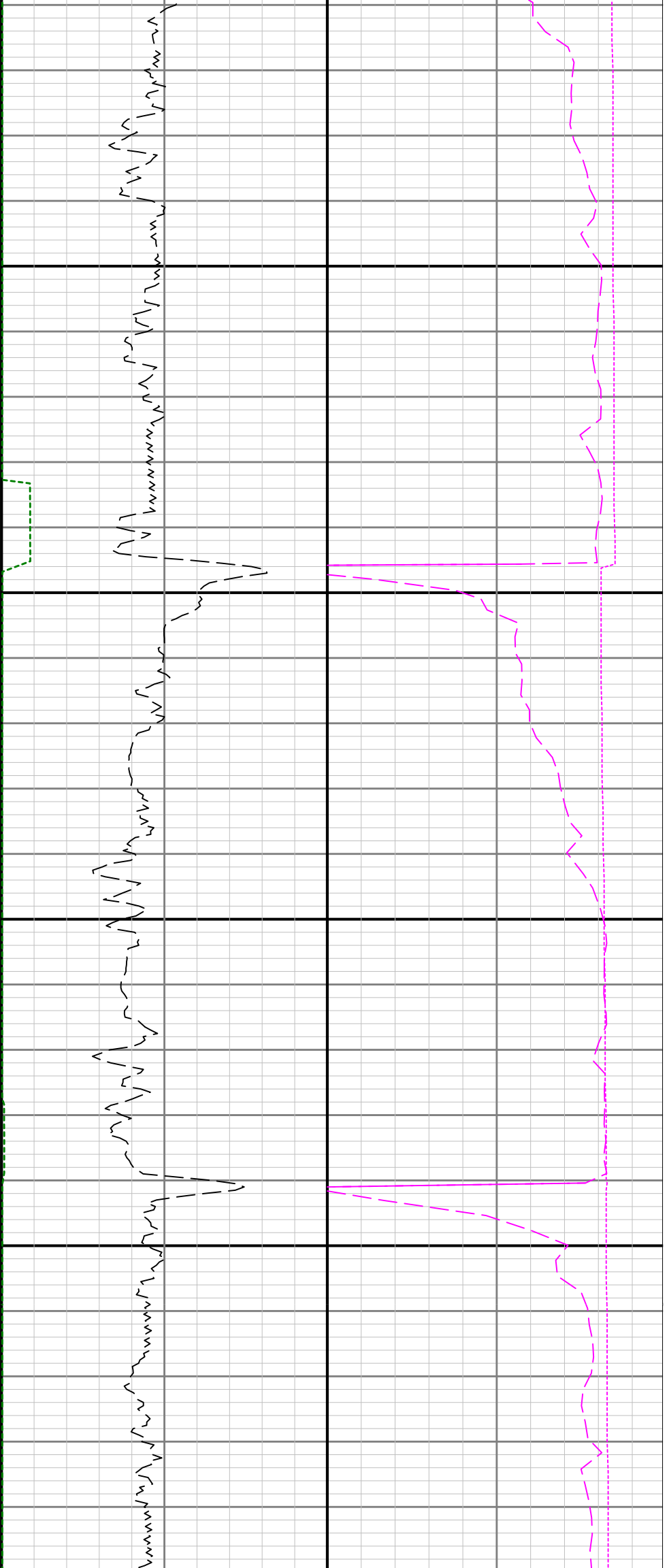


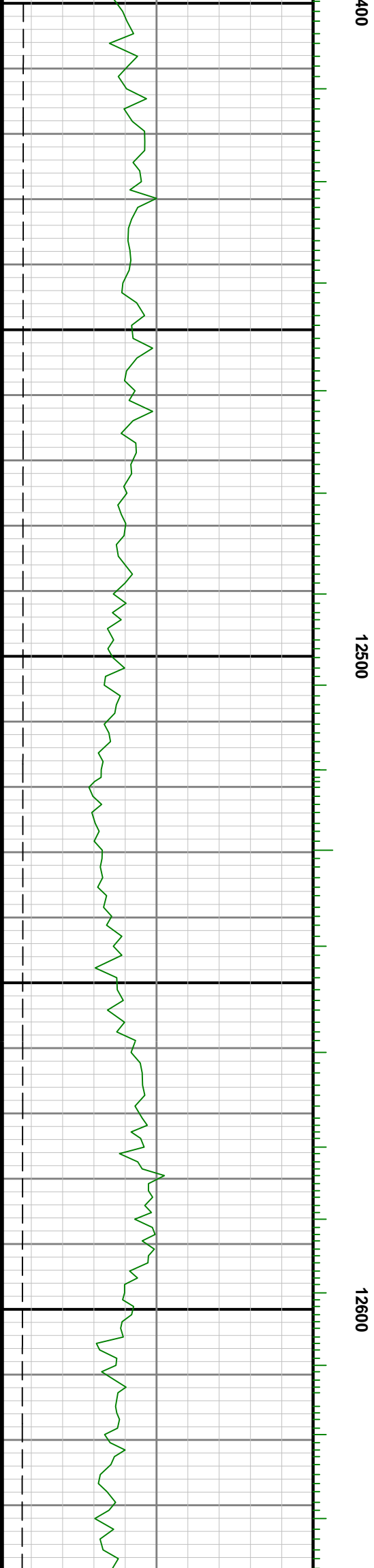


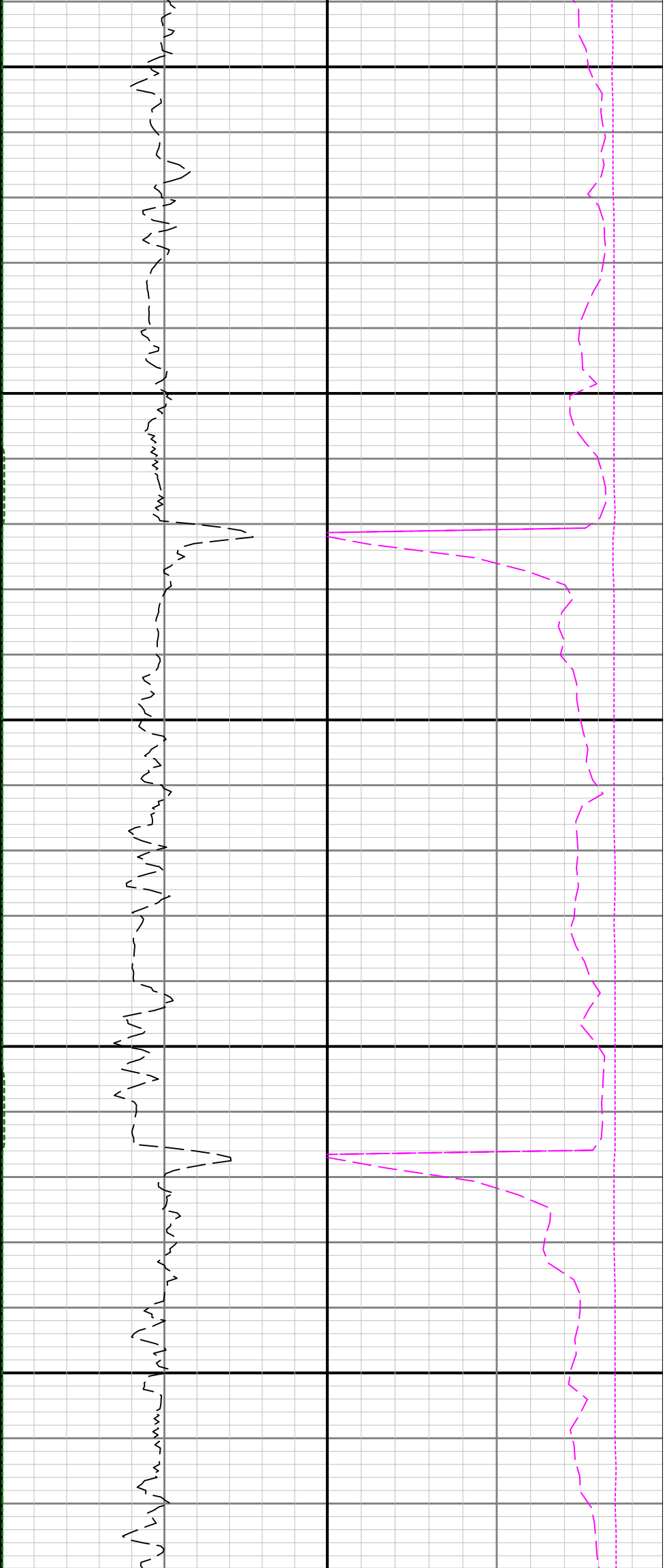






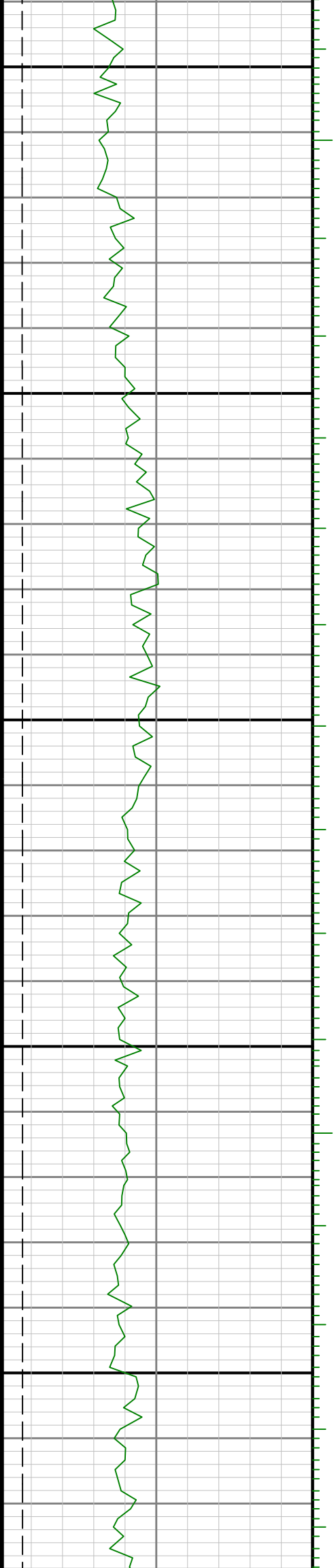


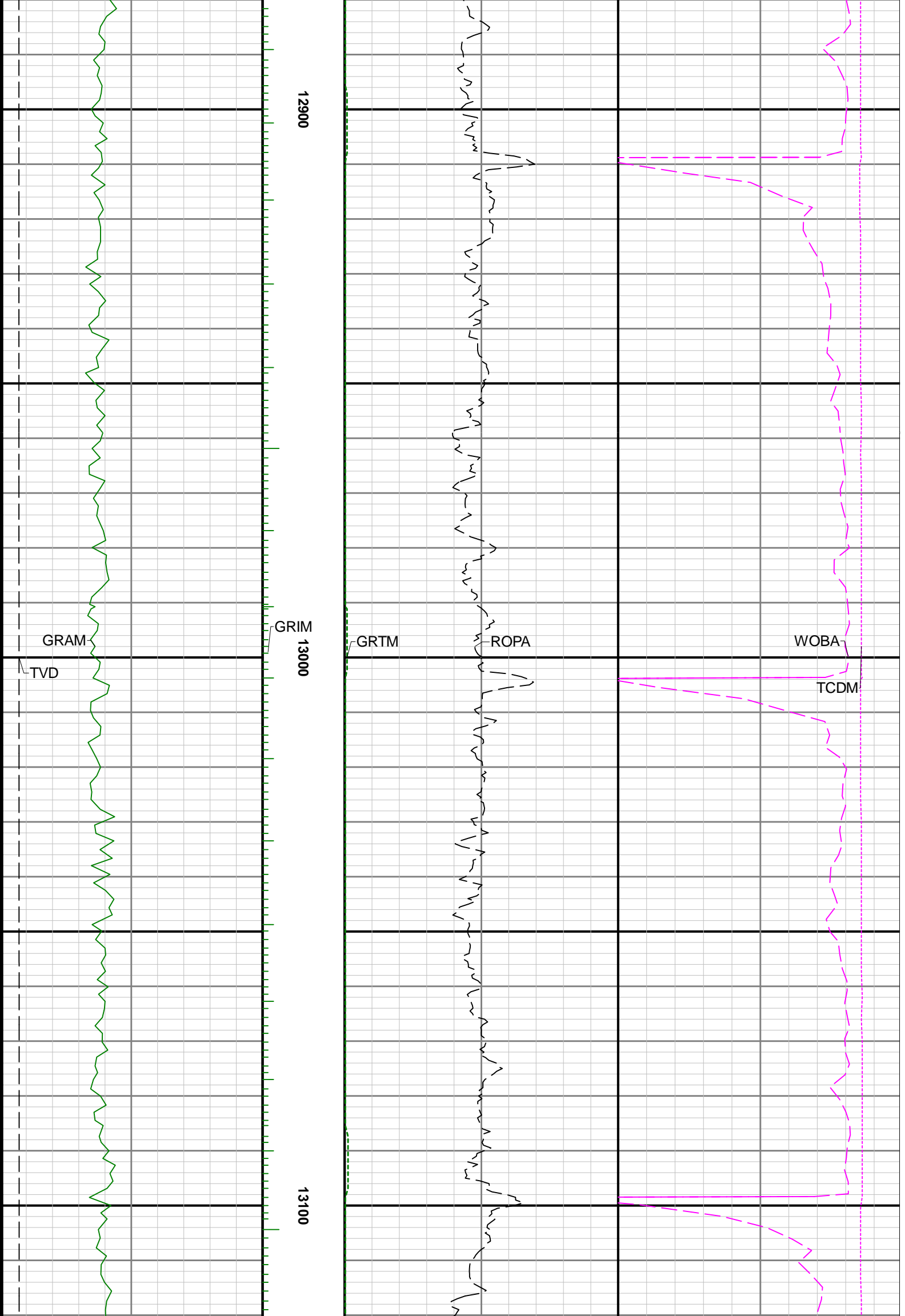


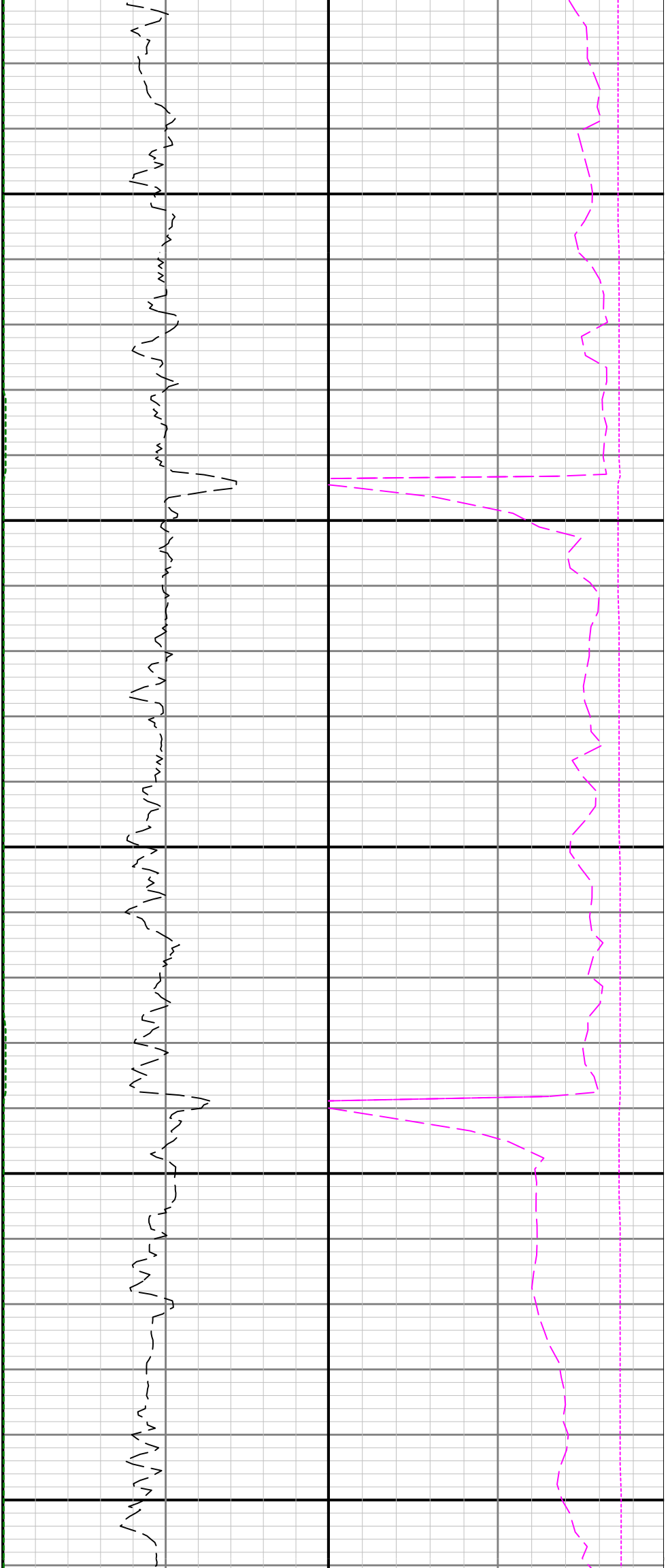


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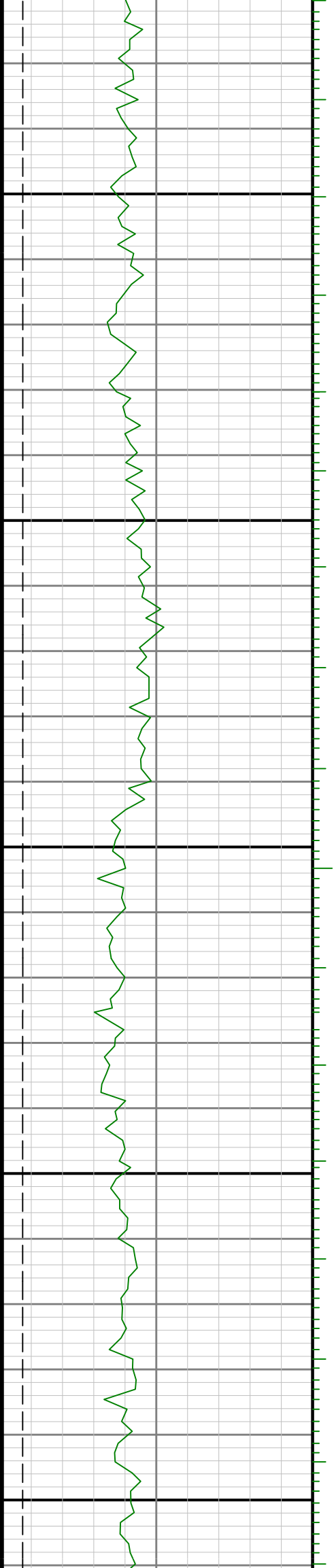


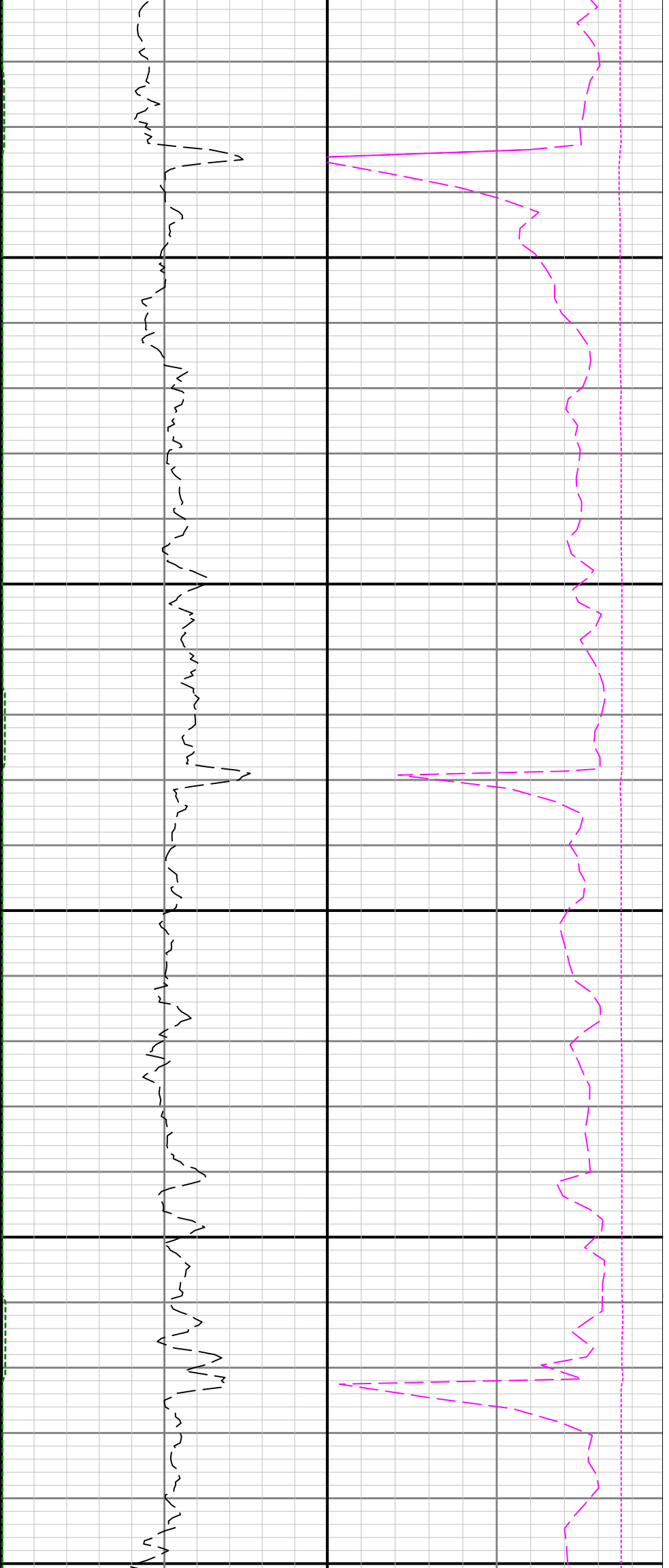




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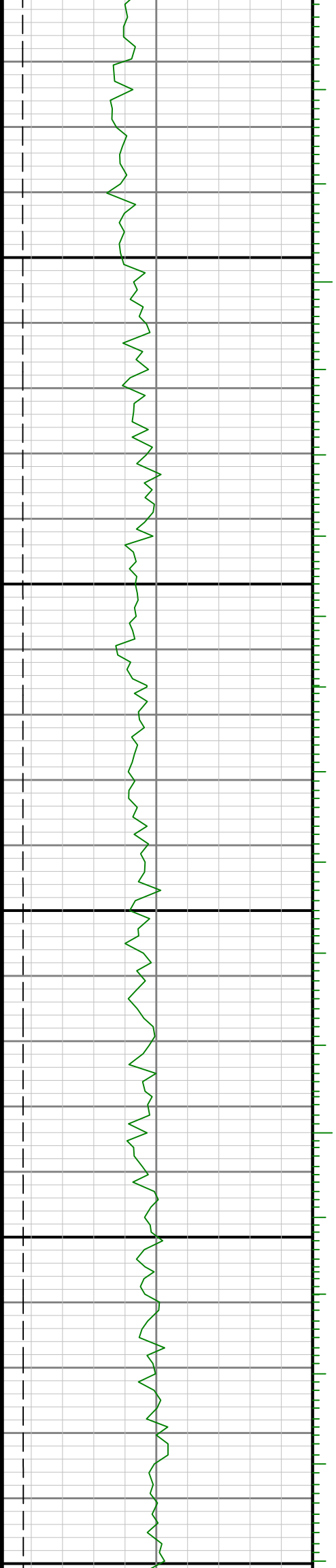




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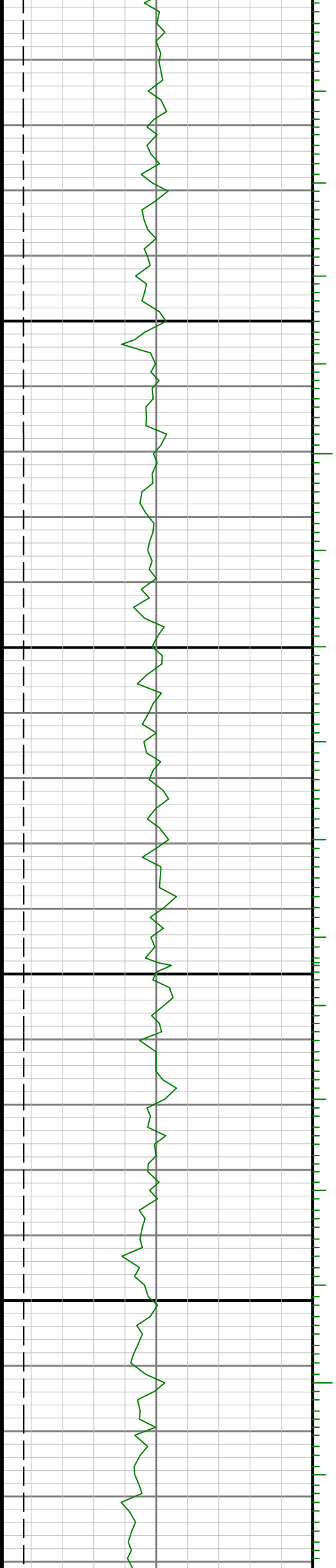


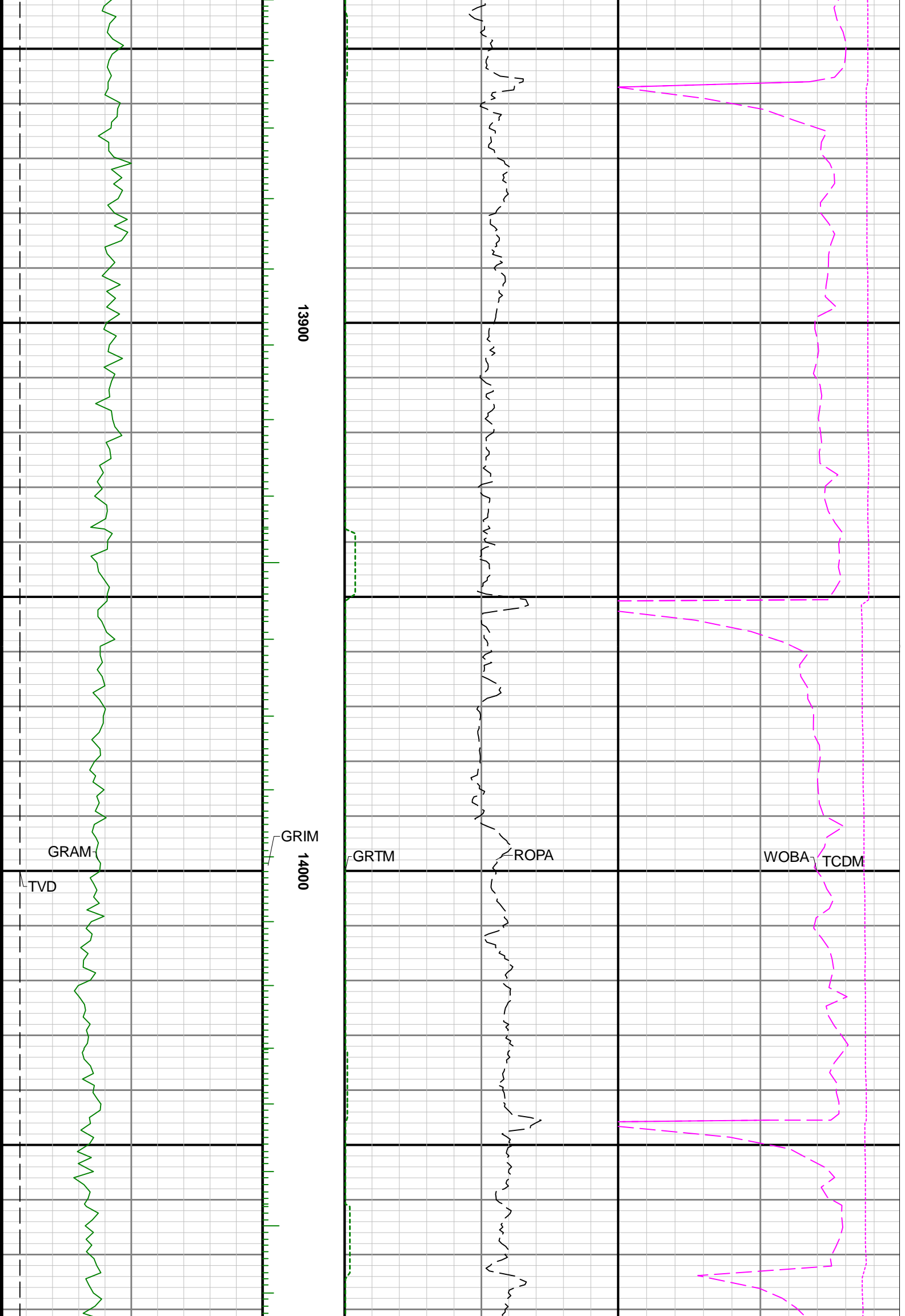


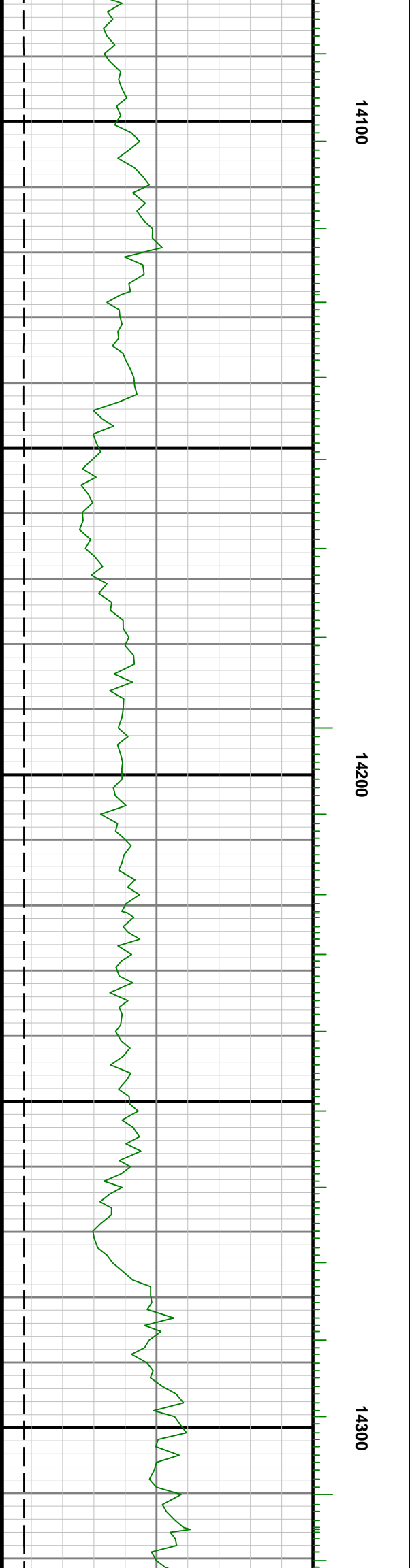
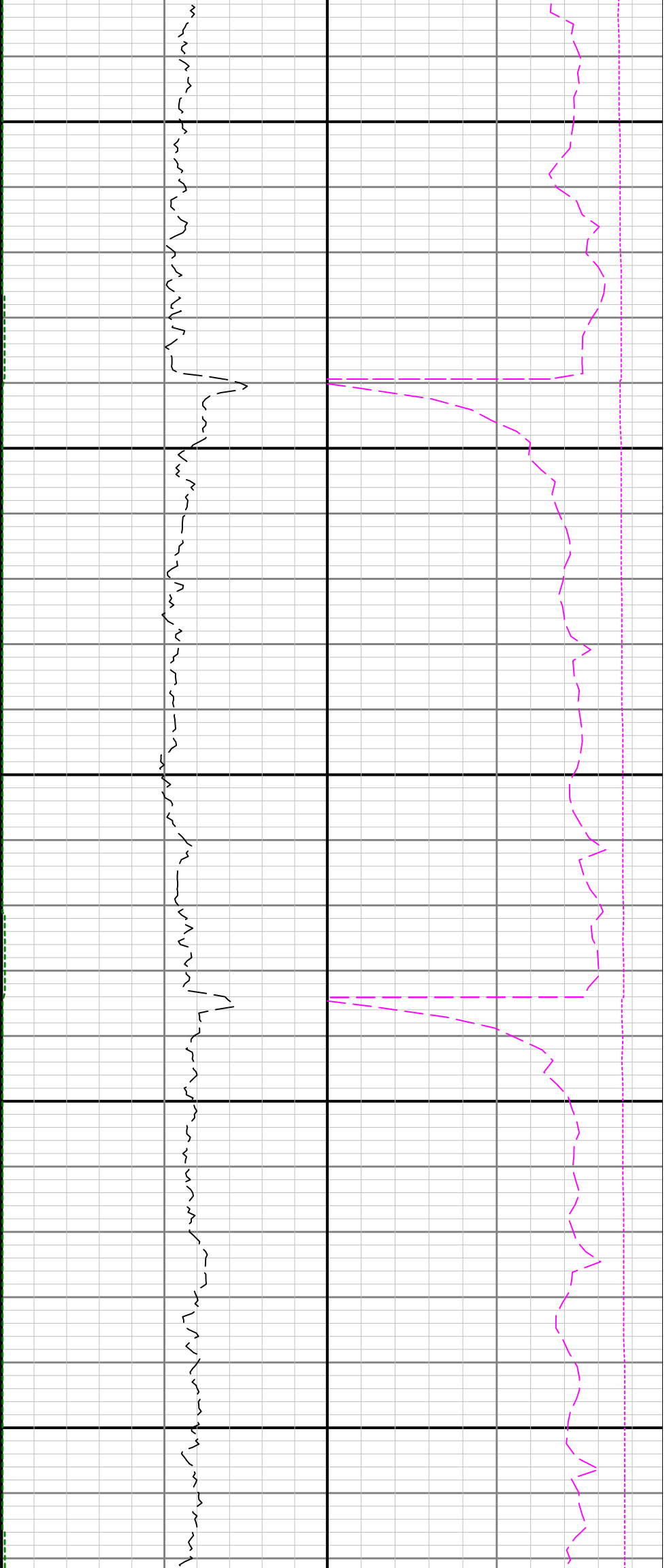
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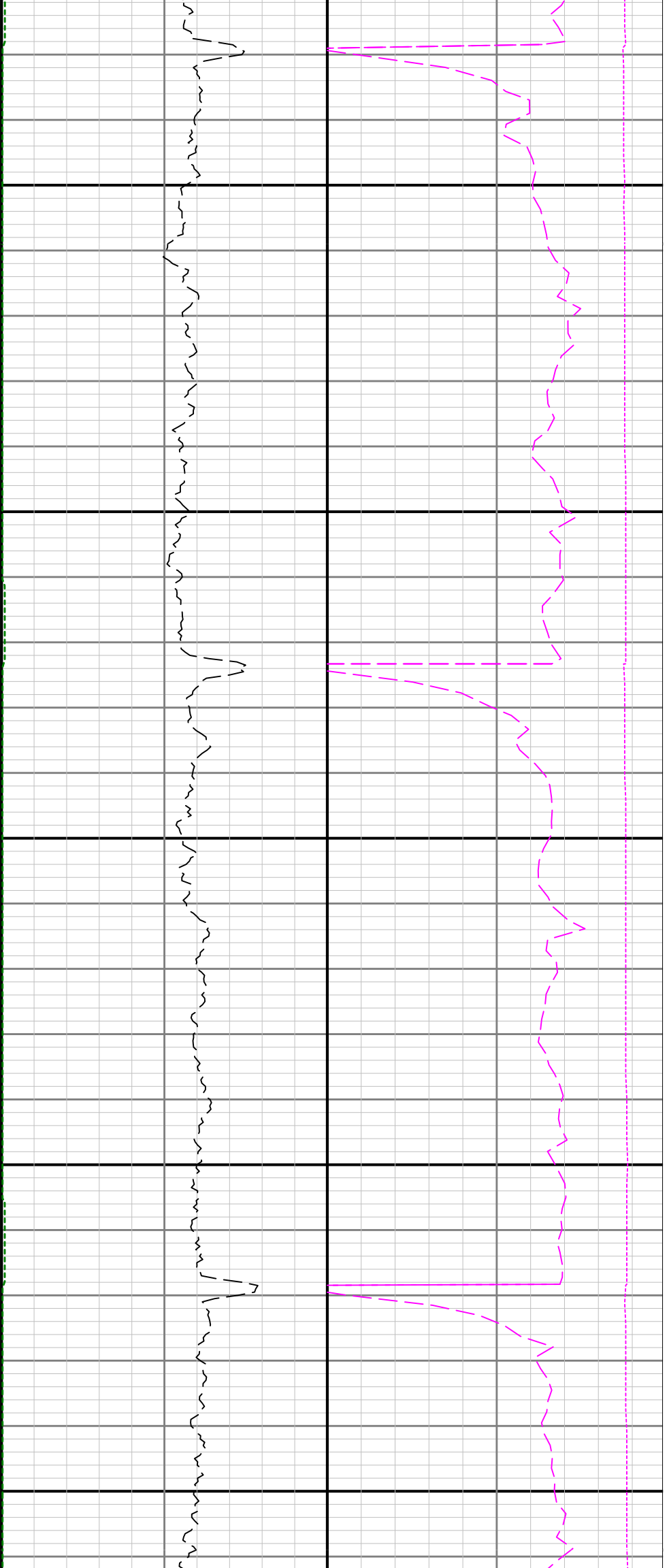
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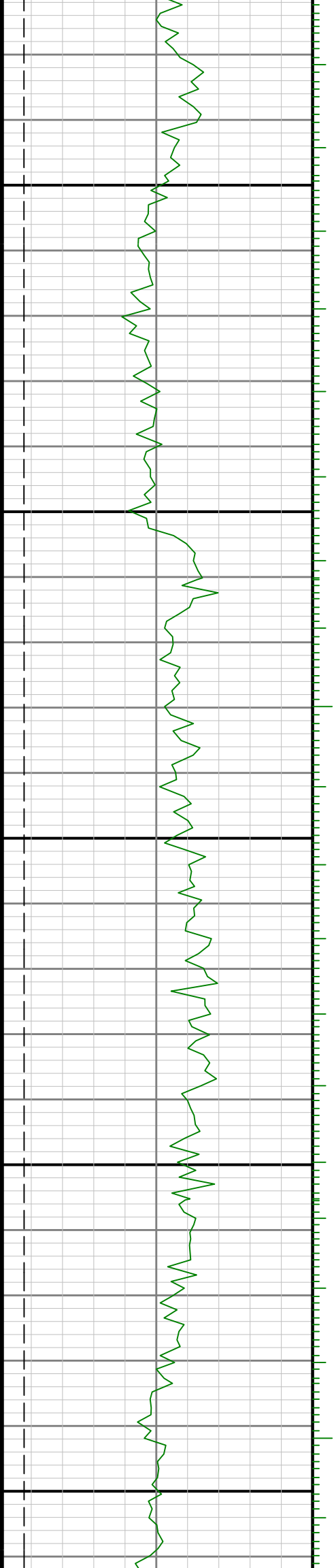


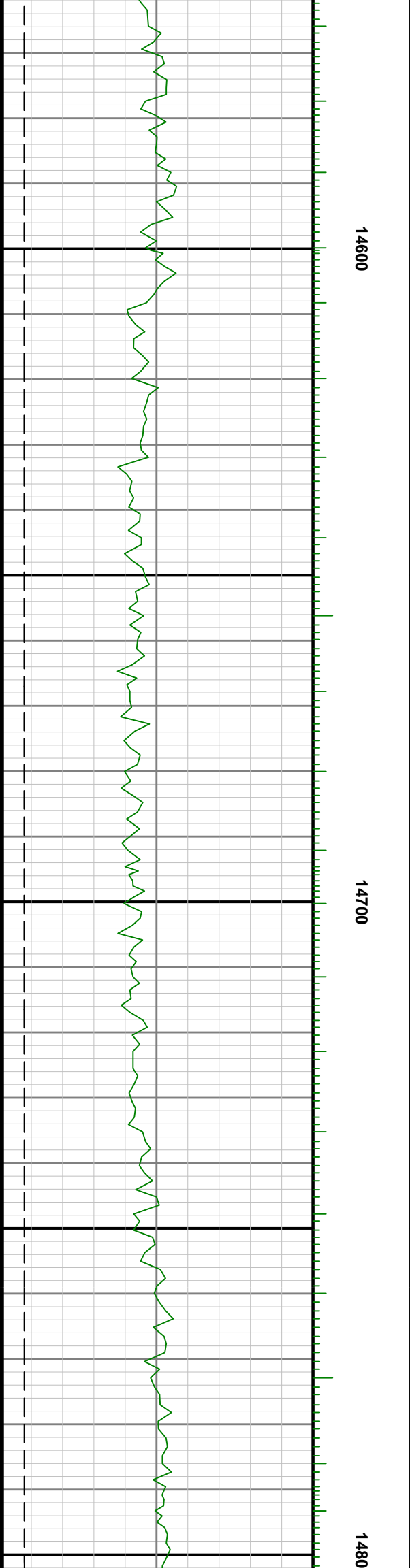
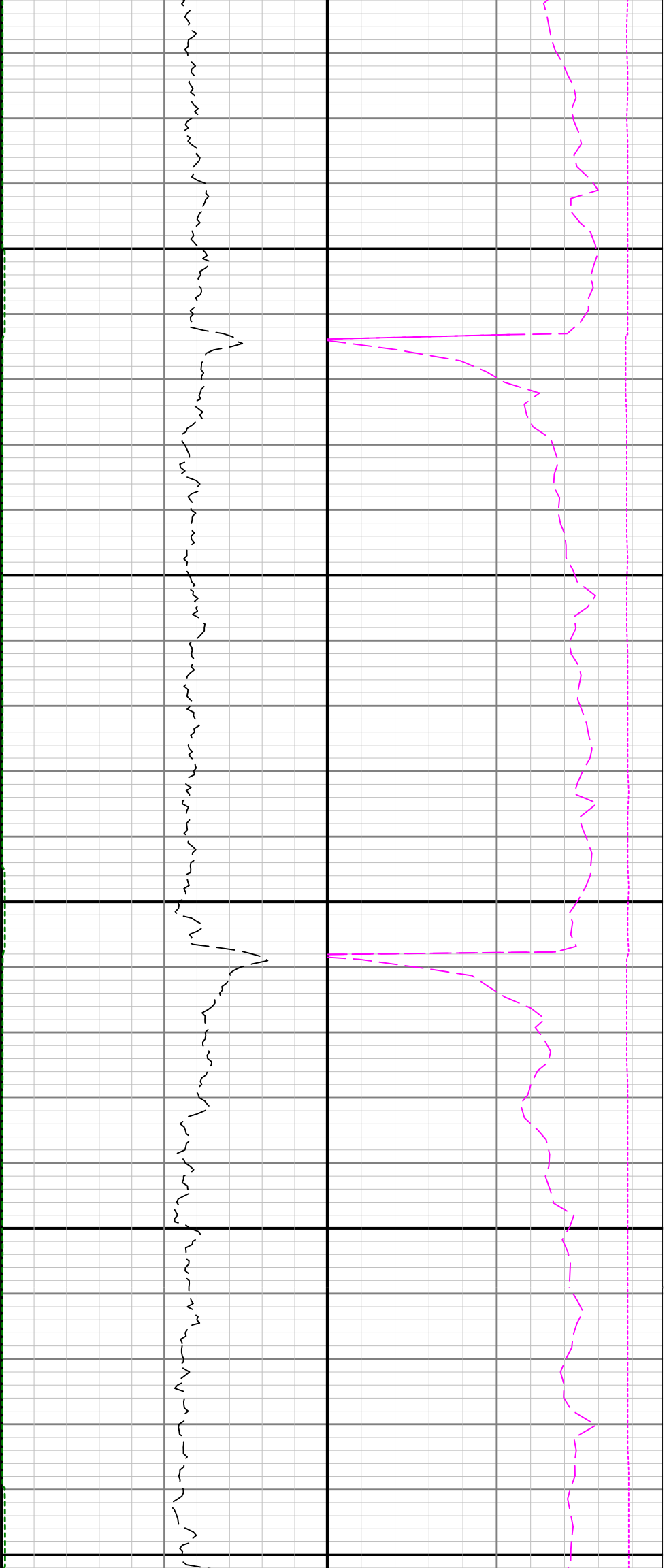


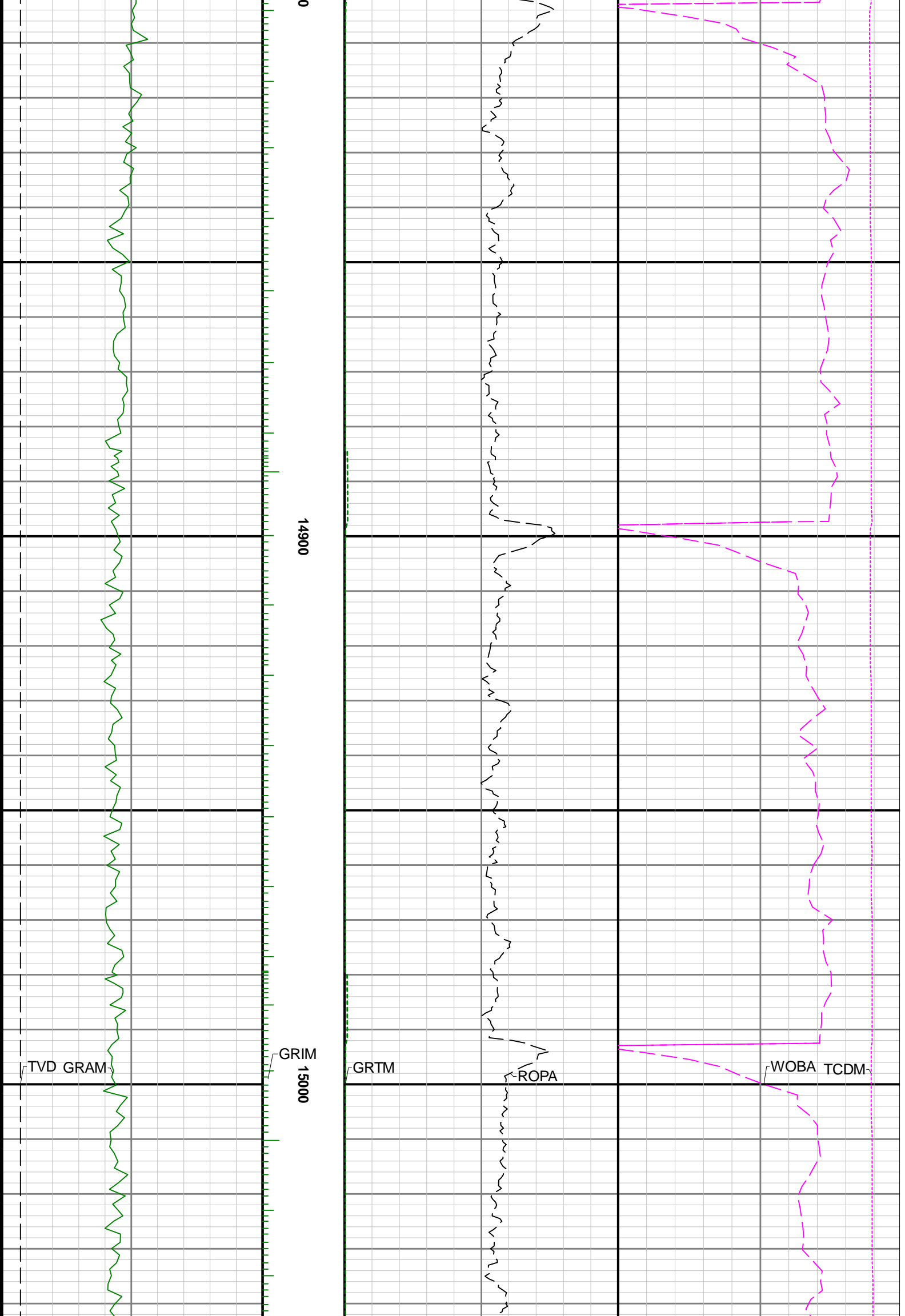


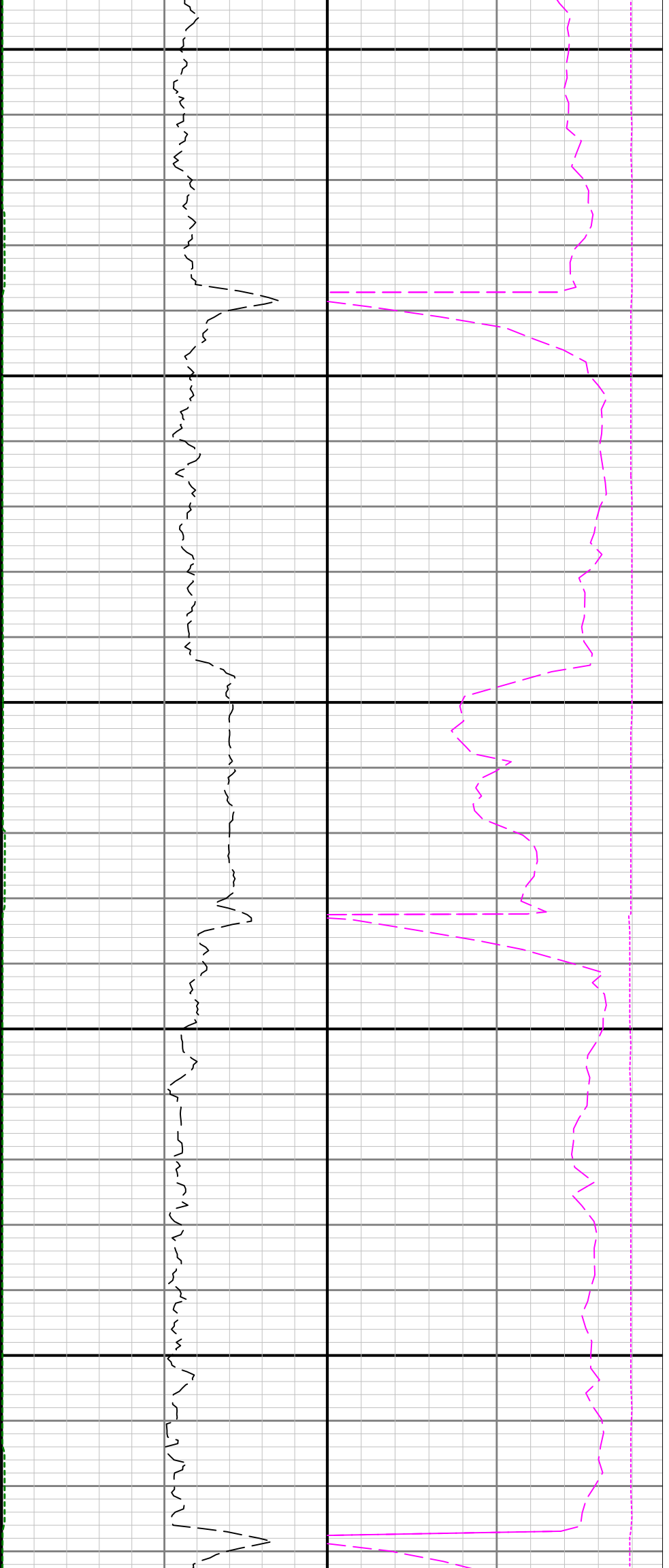
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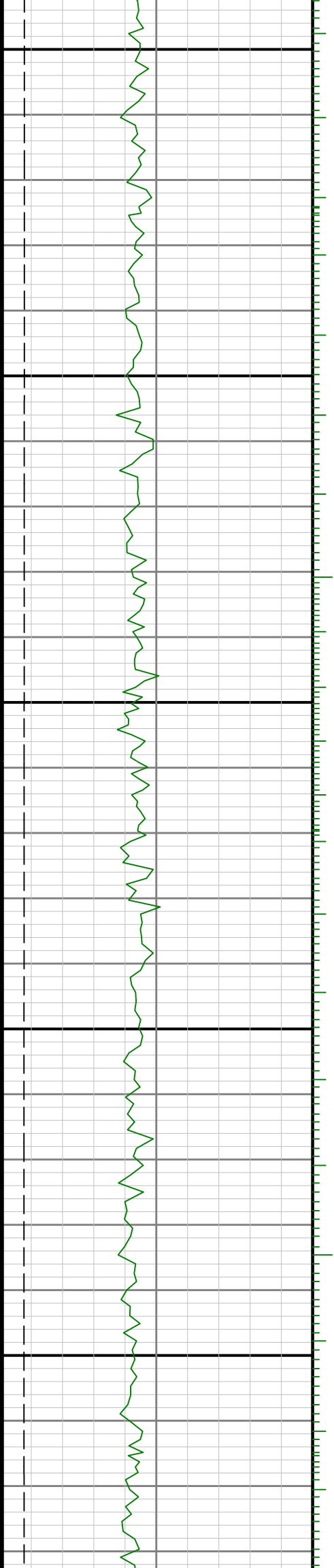


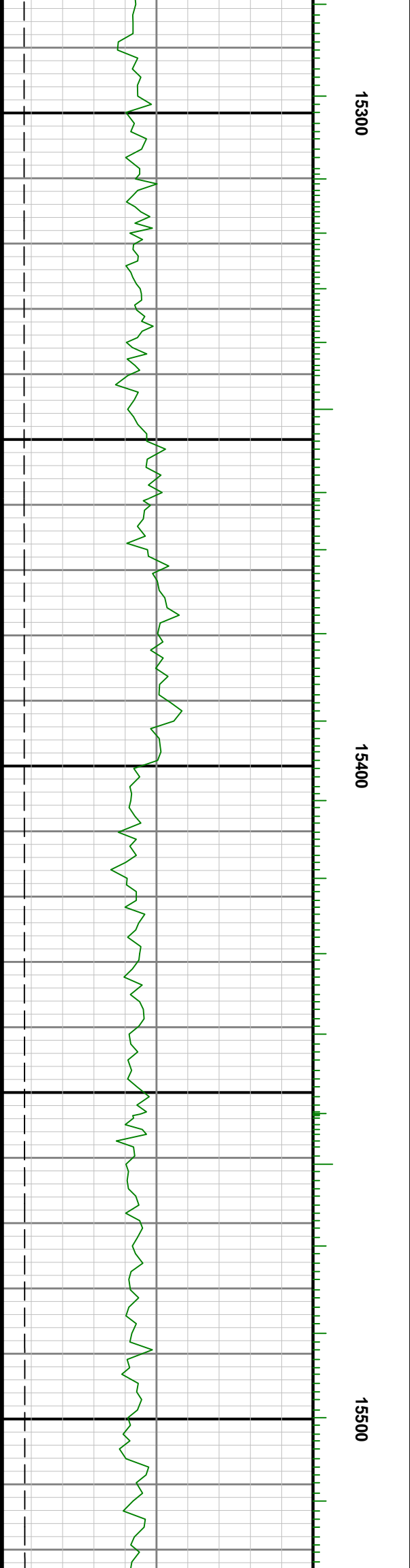
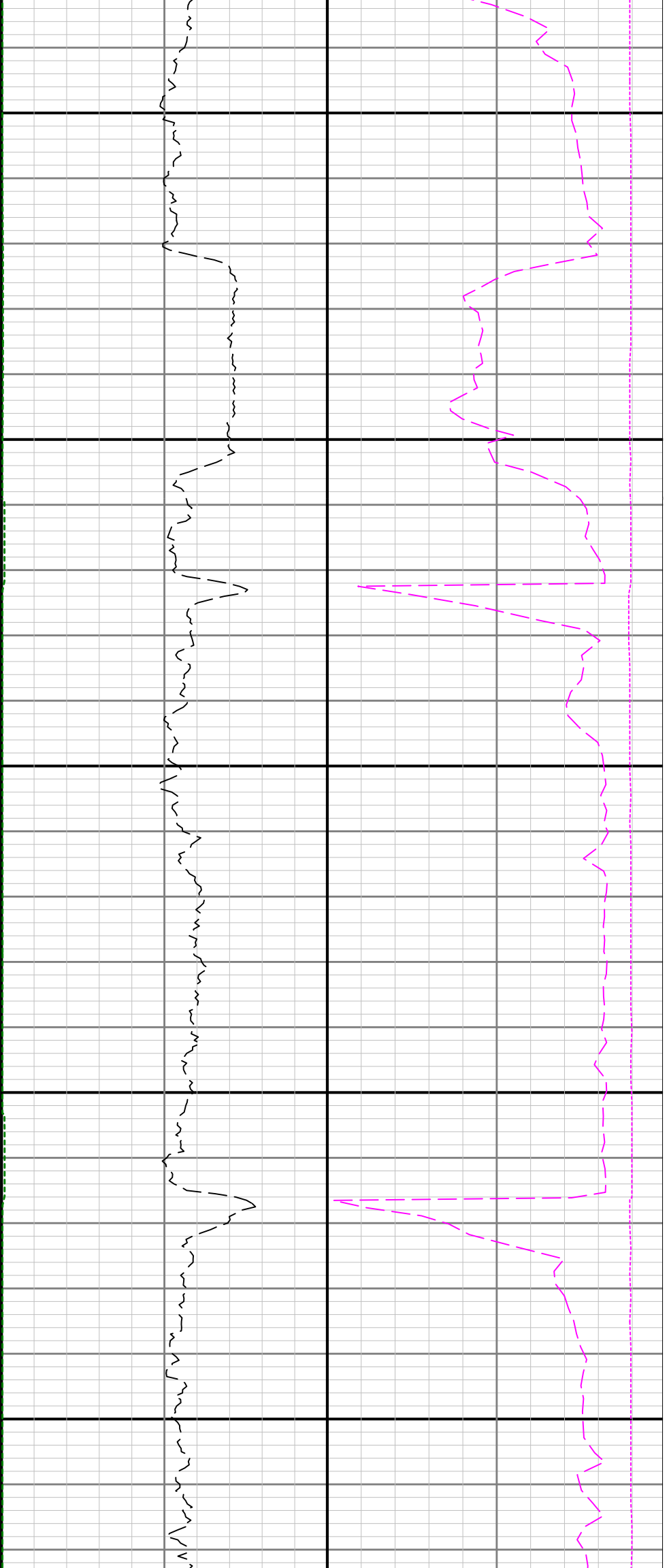


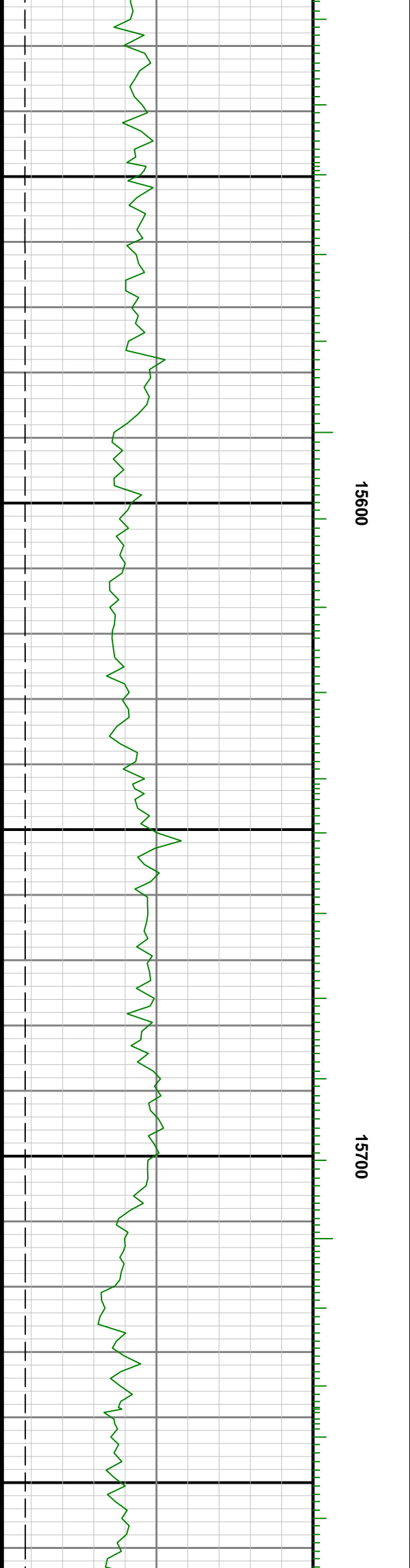
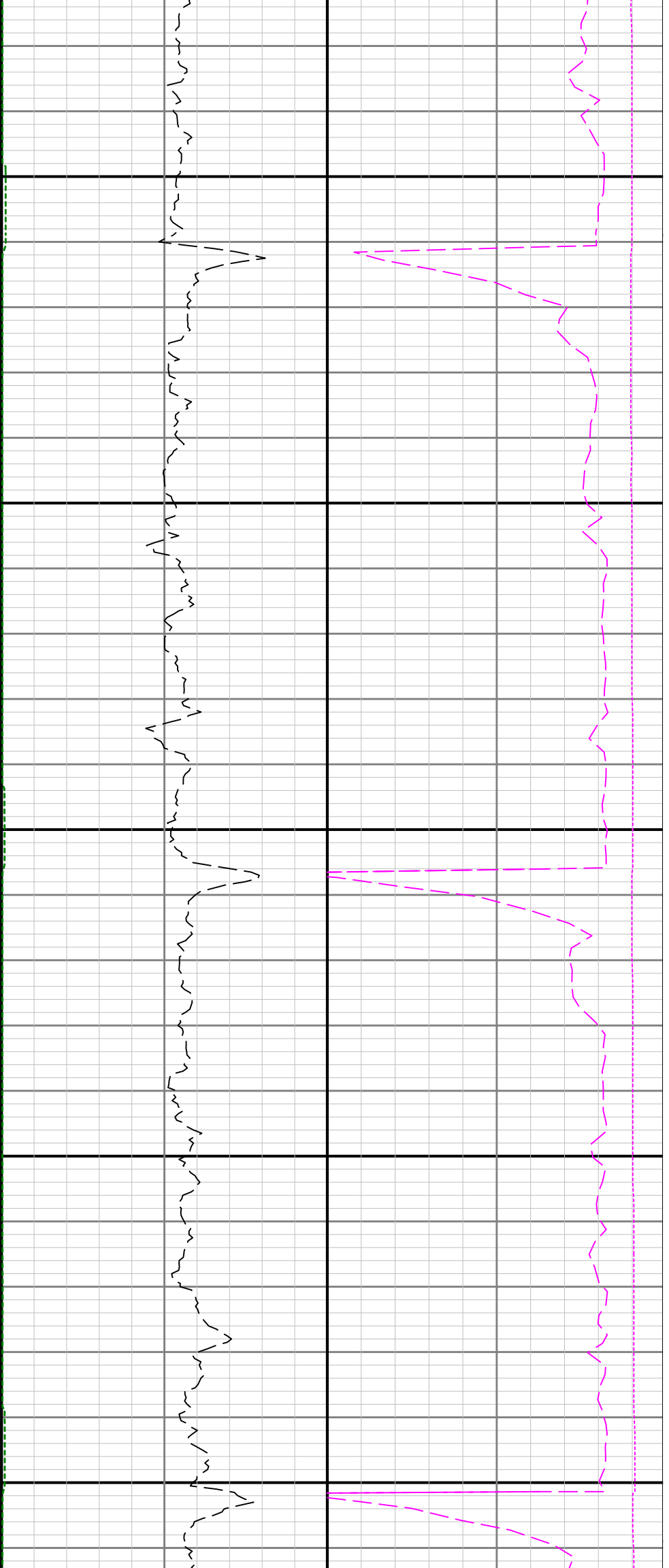


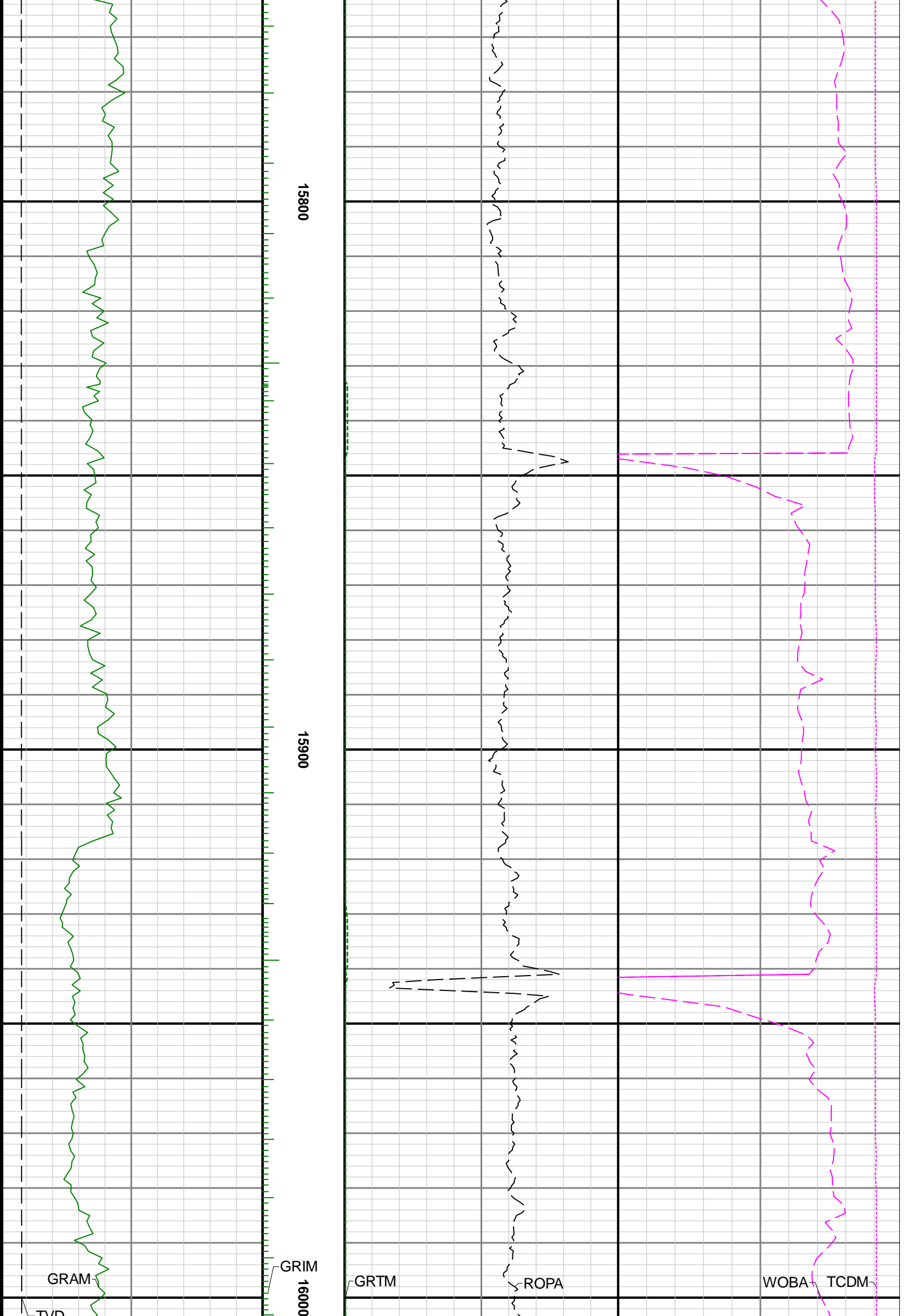
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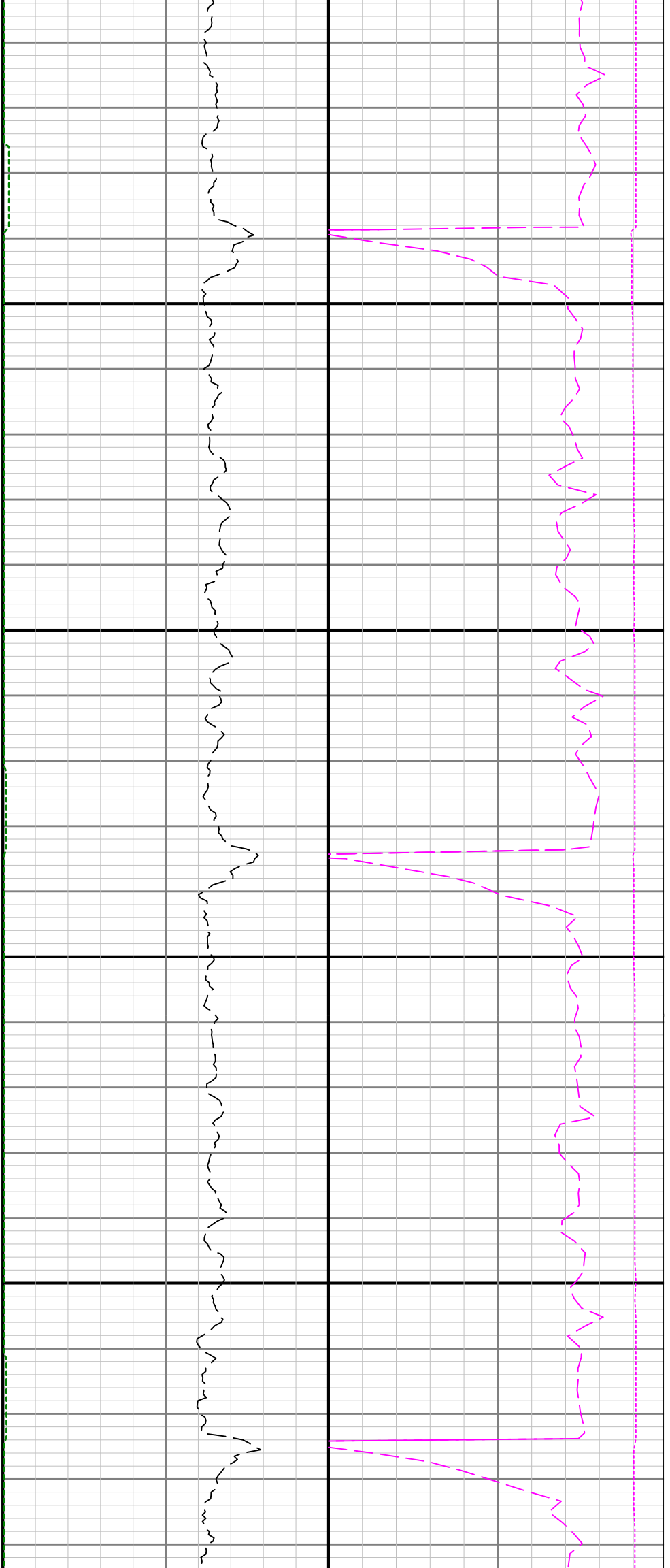
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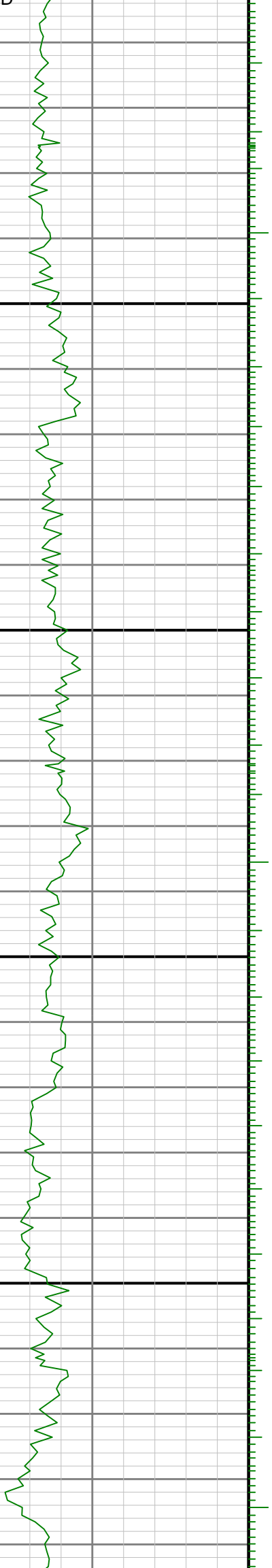
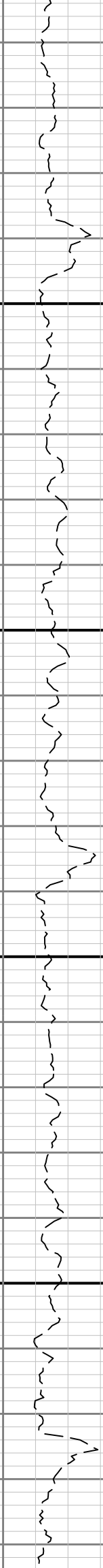


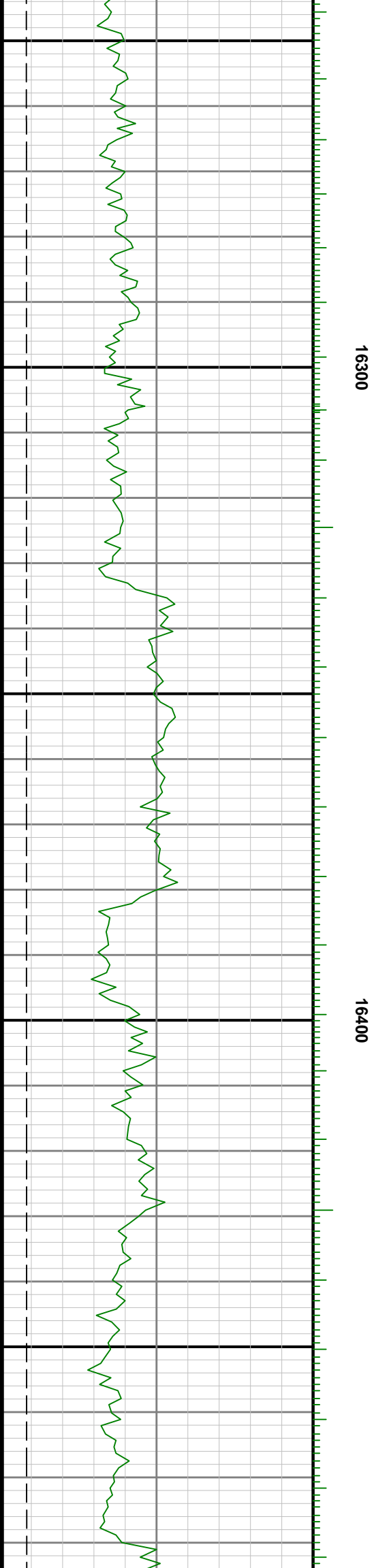
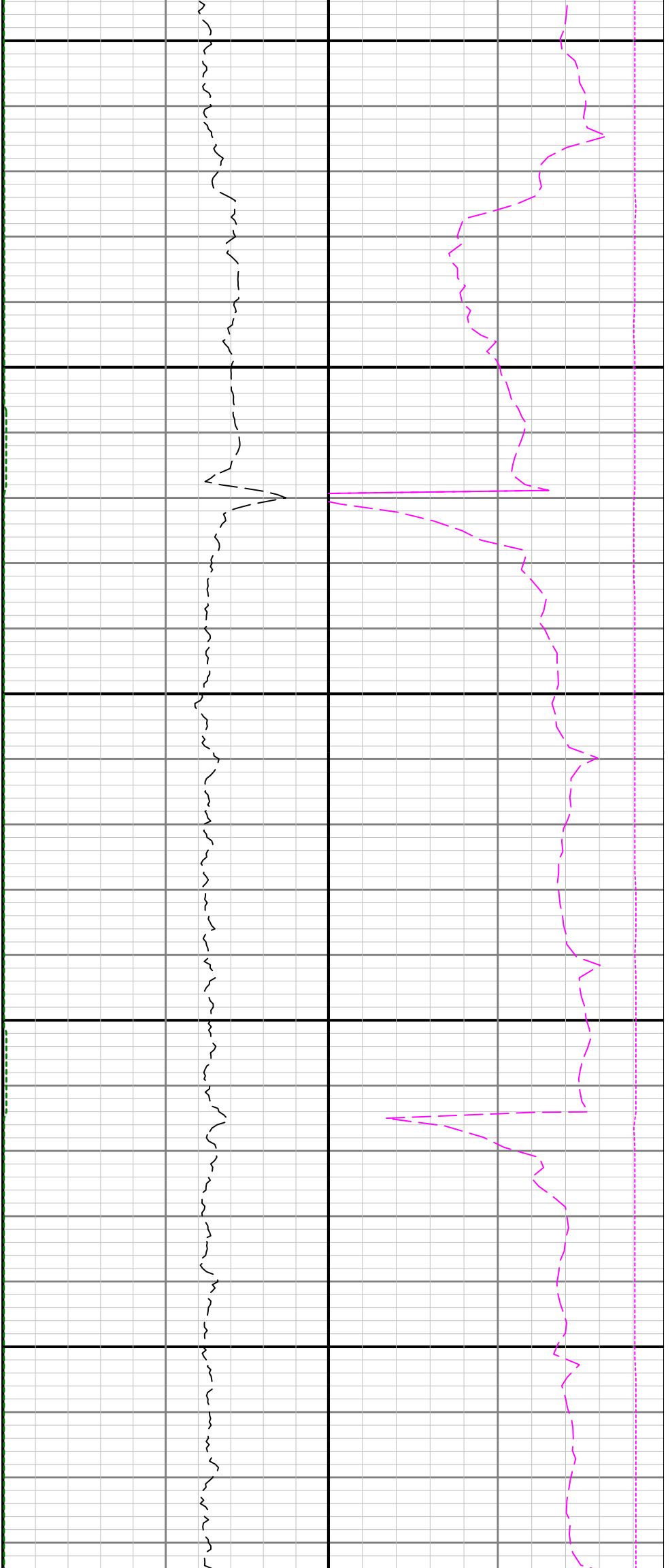


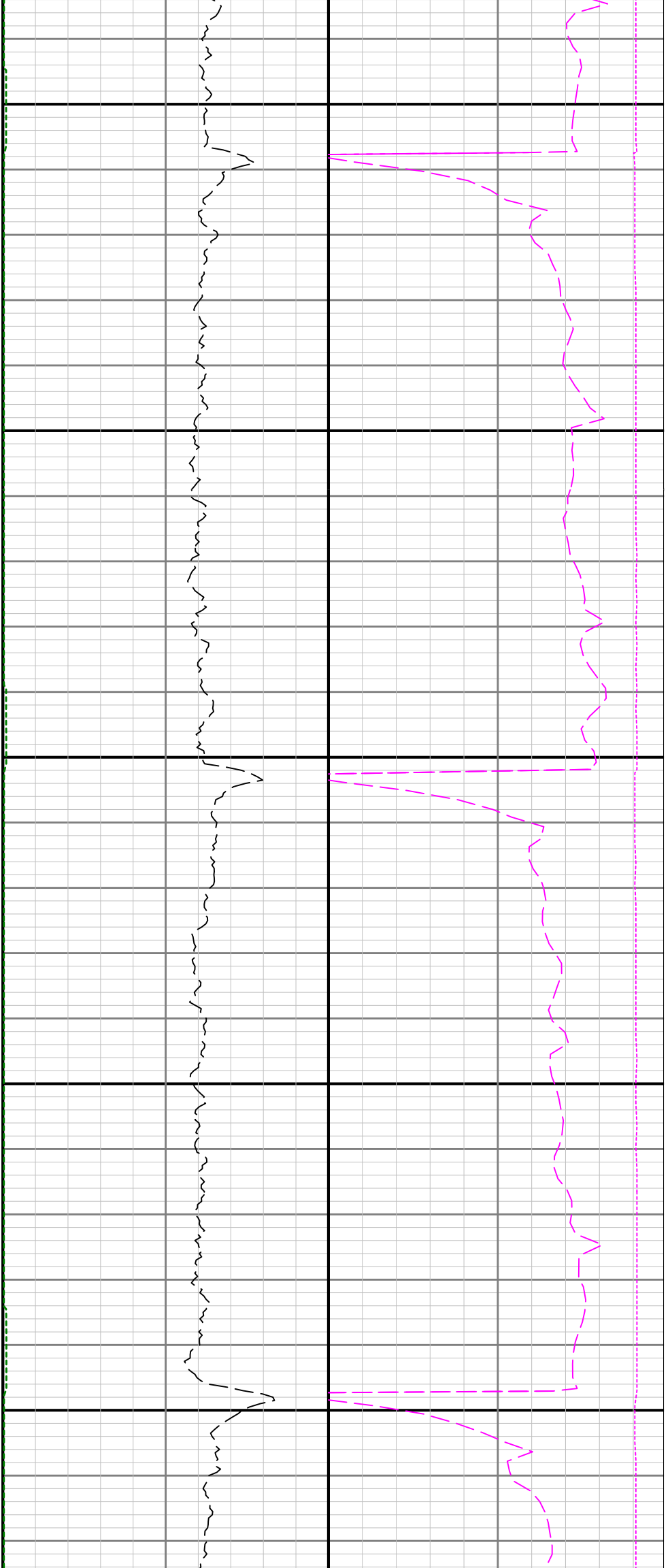


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16200







16500

16600

16700

