



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

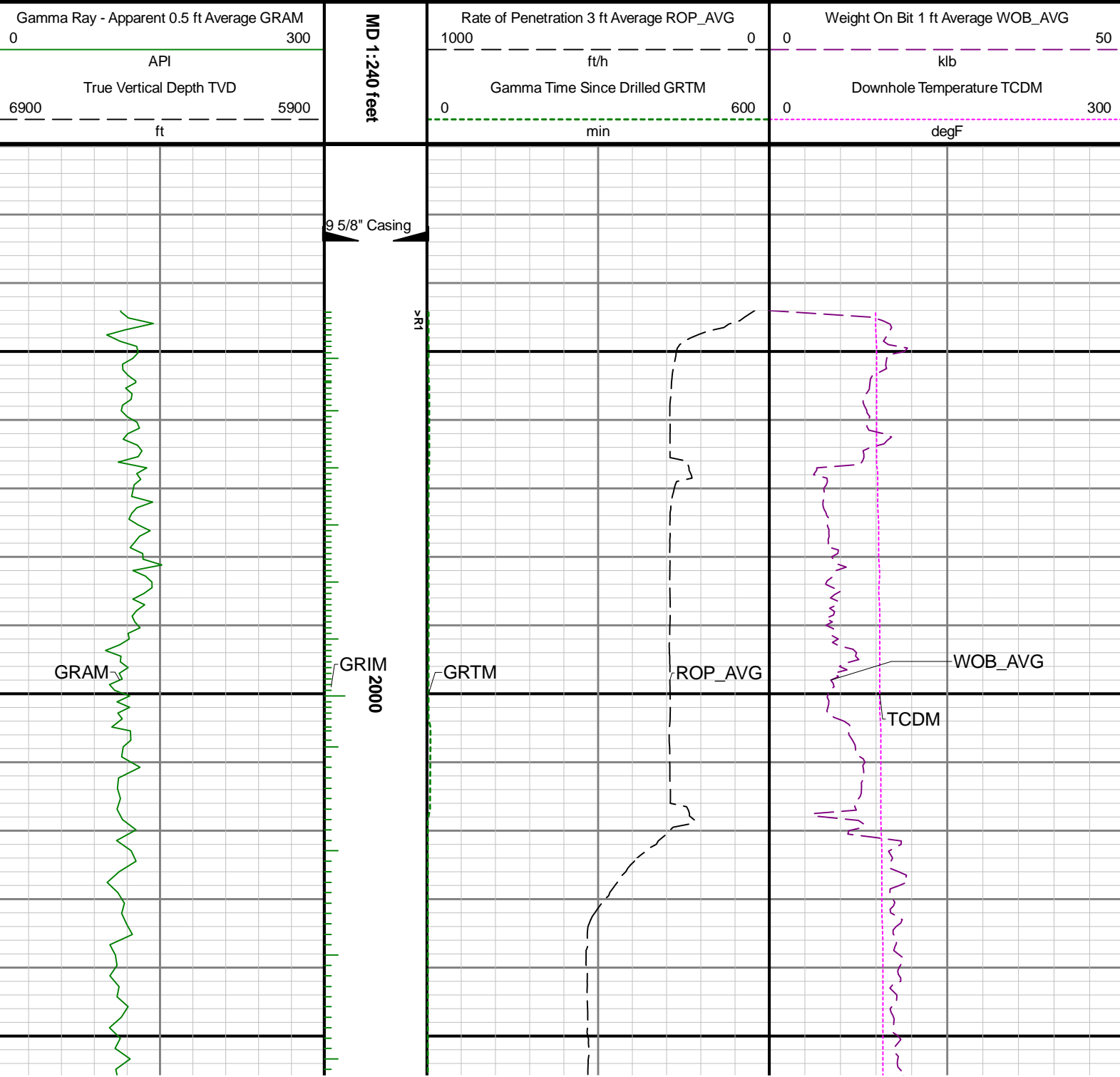
- 1 Baker Hughes Company run 1 utilized 6 ¾ inch NaviGamma services (Gamma Ray and Directional) behind an 8 ½ inch PDC bit and rotary steerable assembly from 1944 to 17418 feet MD (1943 to 6699 feet TVD).
- 2 Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes Company. Due to a lack of control by Baker Hughes Company logging engineers, depth calibrations and measurements could not be independently verified and the unverified depths as supplied to Baker Hughes Company are being used to present logging data.

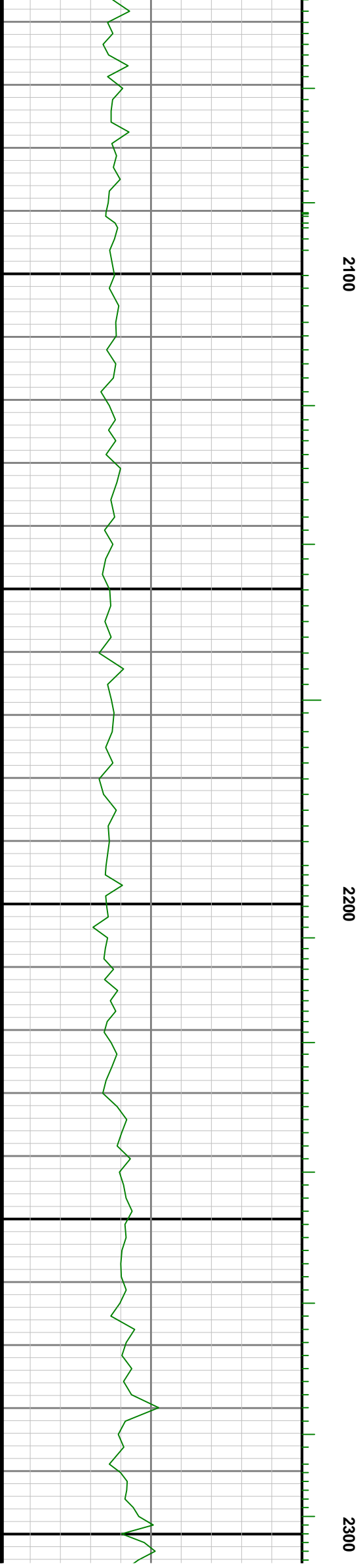
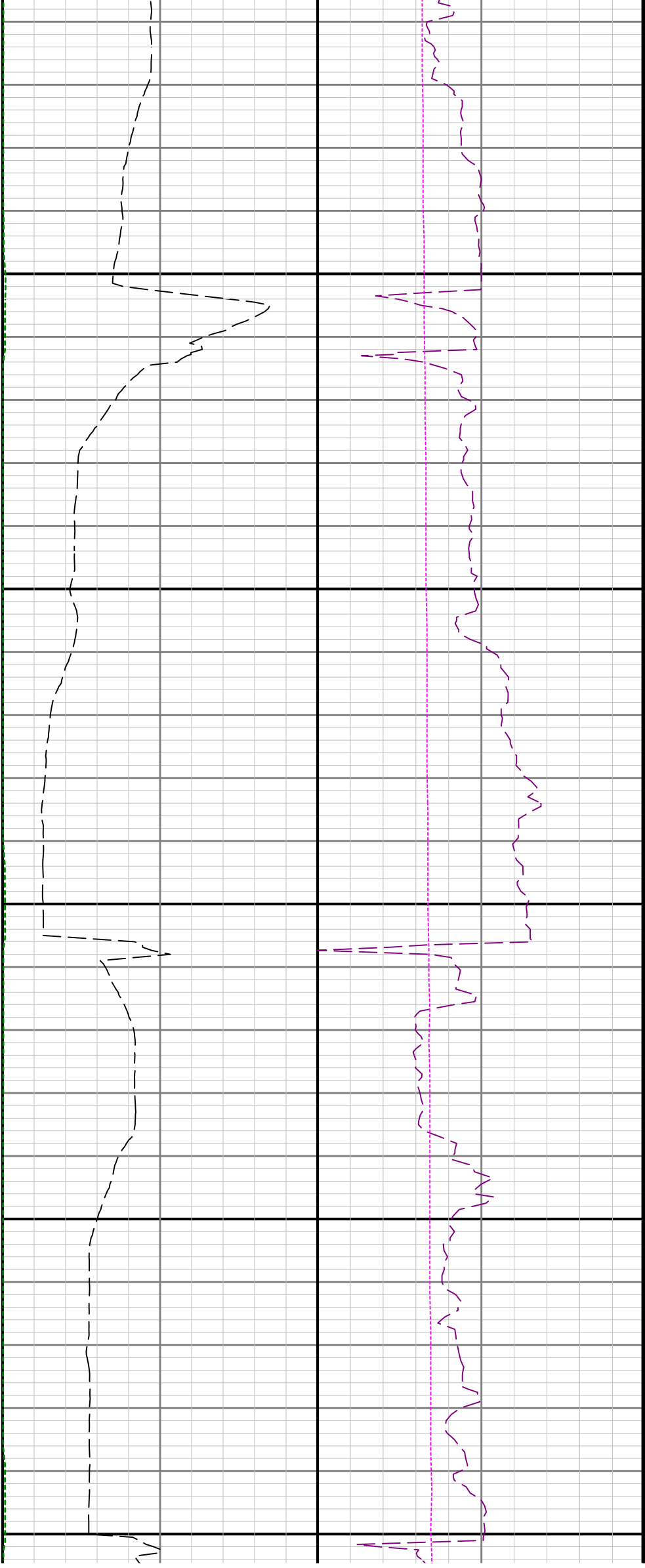
Remarks

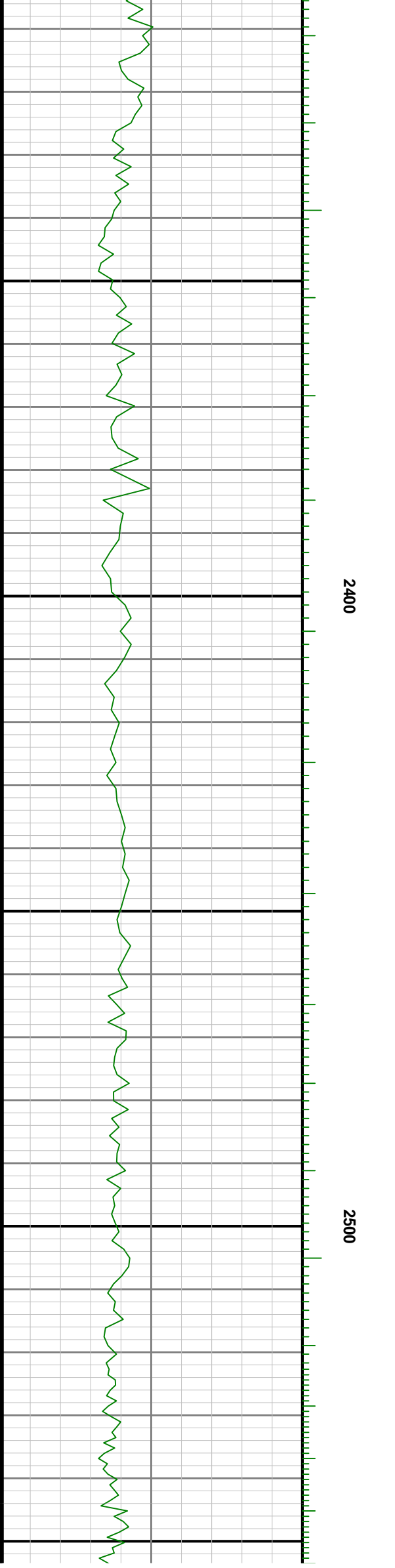
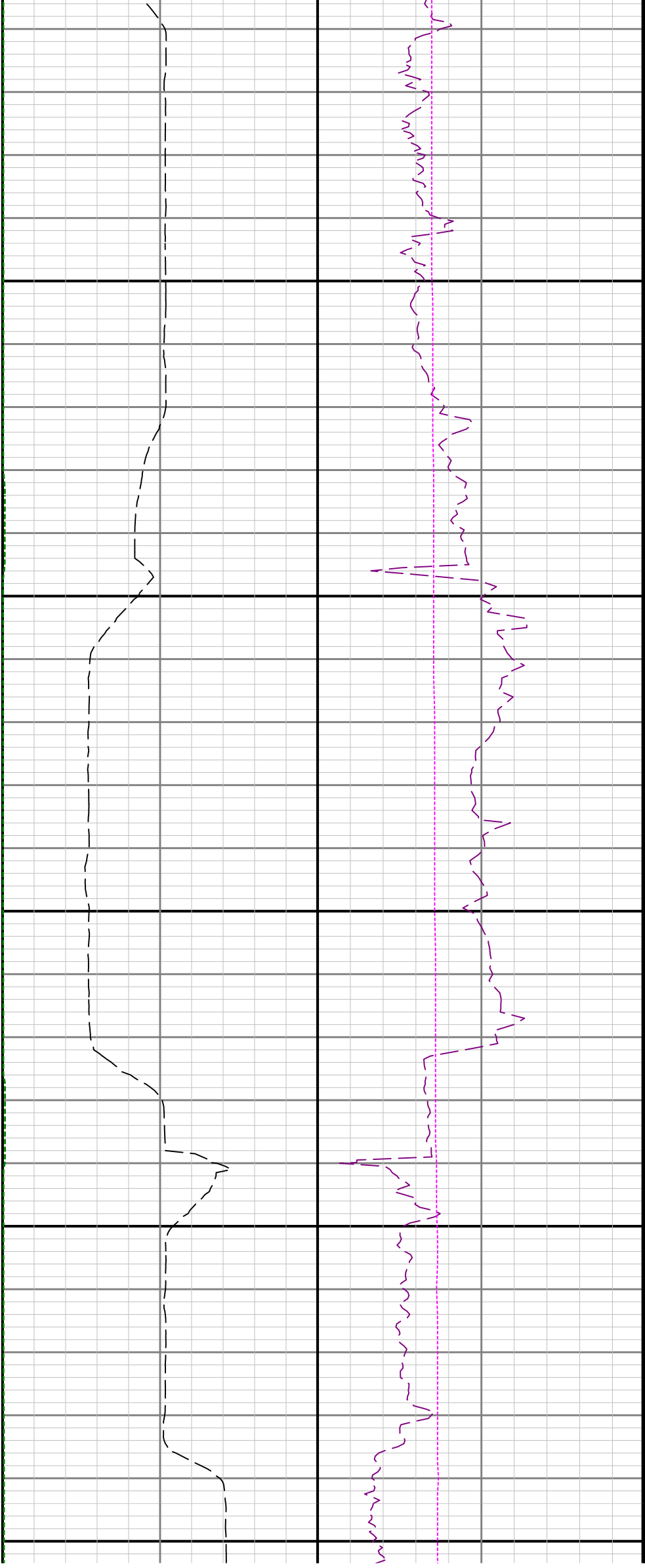
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	17418.00	8.500	1	The interval from 17405 to 17418 feet MD (6698 to 6698 feet TVD) was not logged due to sensor to bit offset at well TD.

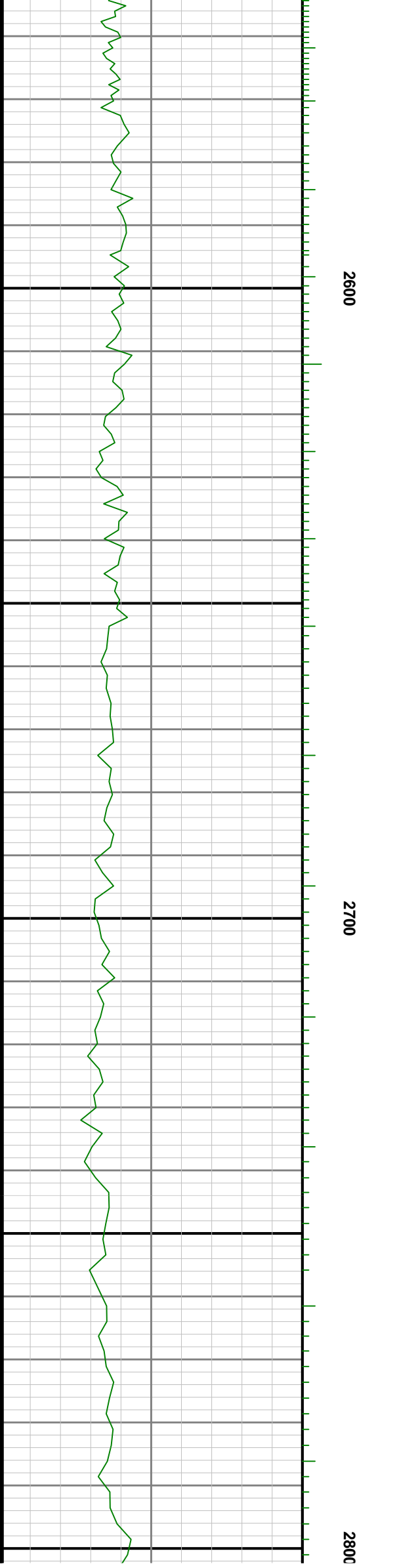
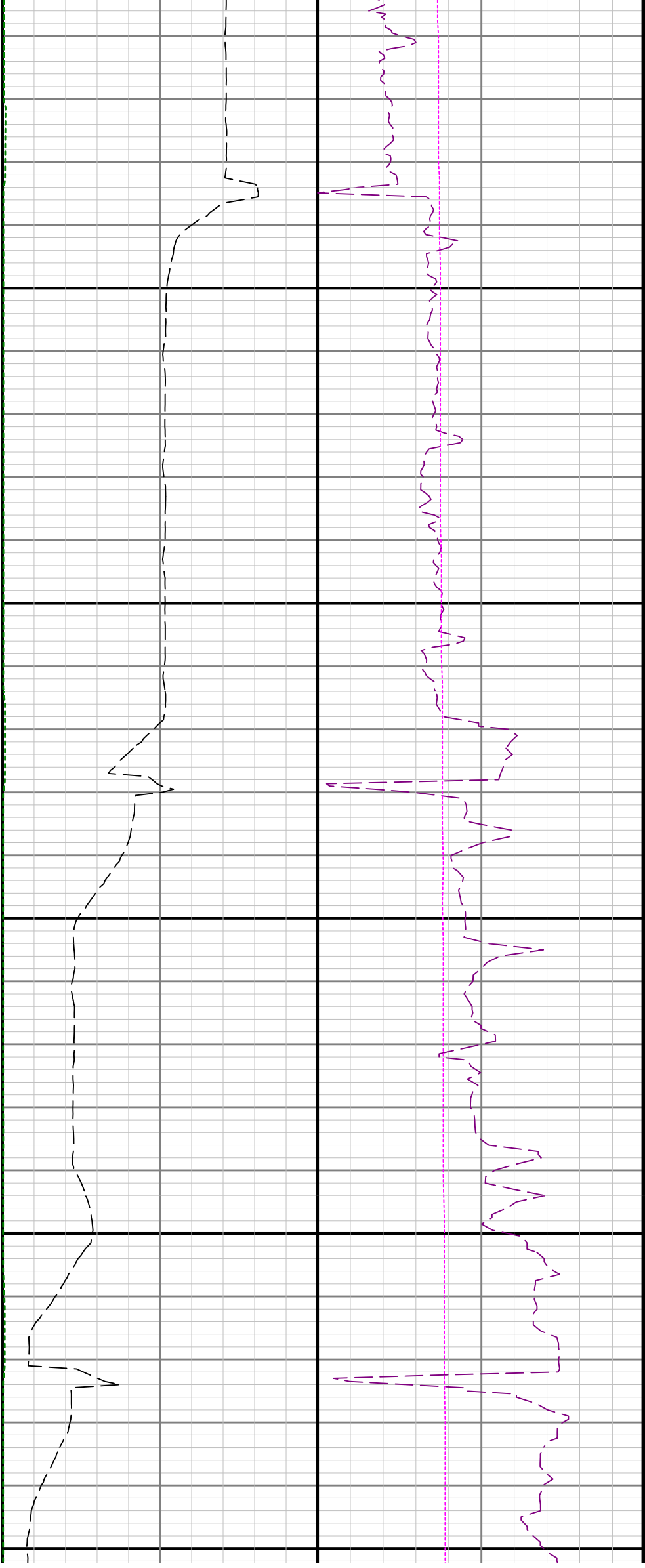
Curve Mnemonics

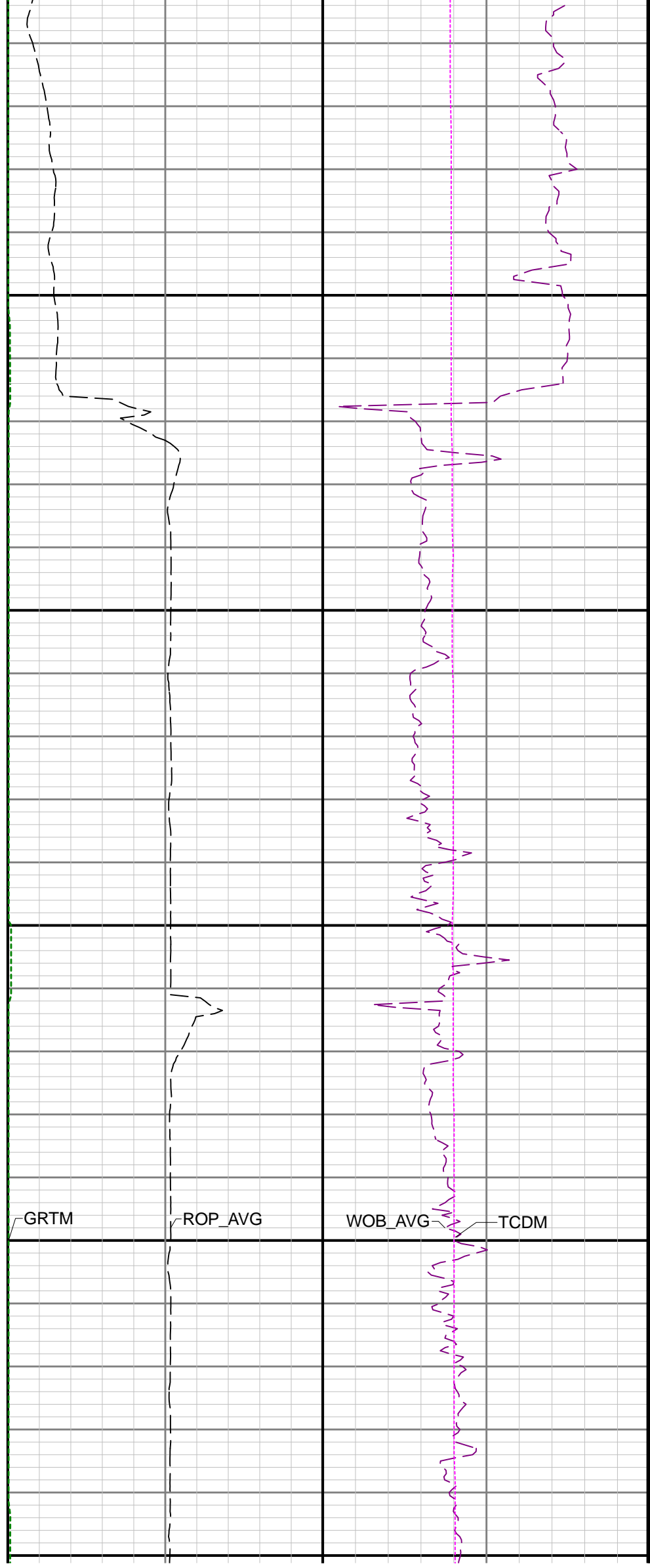
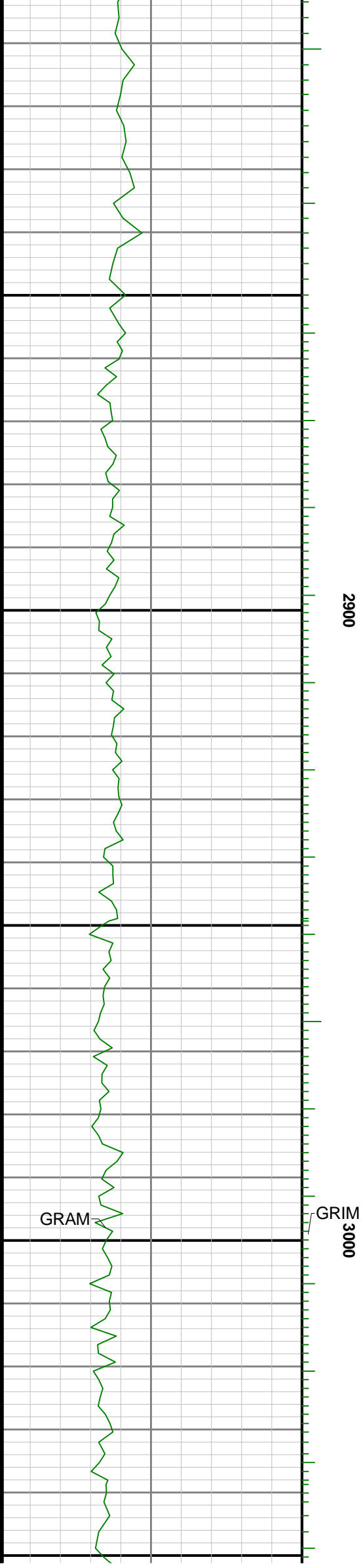
Presented Curves	Description	Units
ROP_AVG	Rate of Penetration 3 ft Average	ft/h
TVD	TVD	ft
WOB_AVG	Weight On Bit 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
GRIM	Gamma Ray - Data Point Indicator - Memory	unitless
GRTM	Gamma Ray - Time Since Drilled - Memory	min
TCDM	Directional Real-Time Survey Temperature	degF

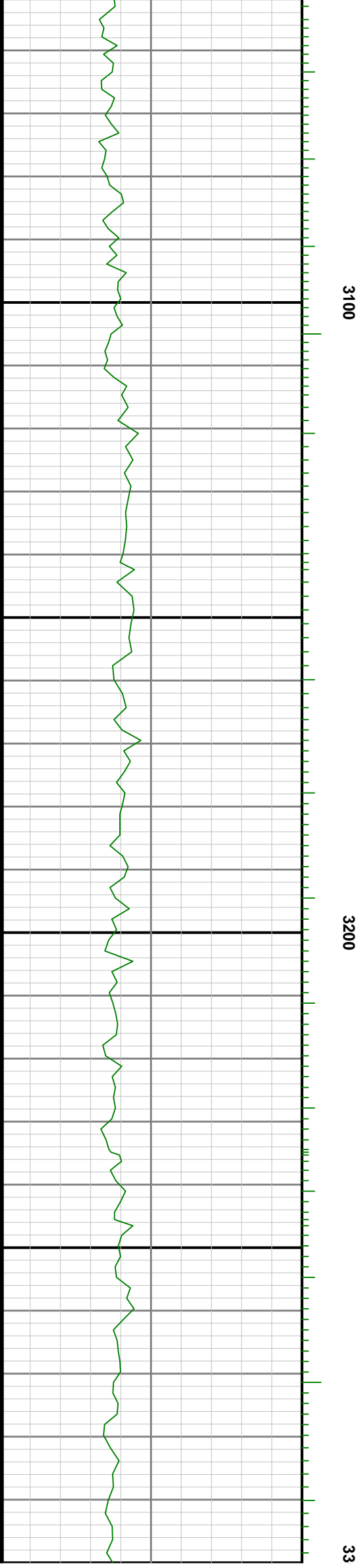
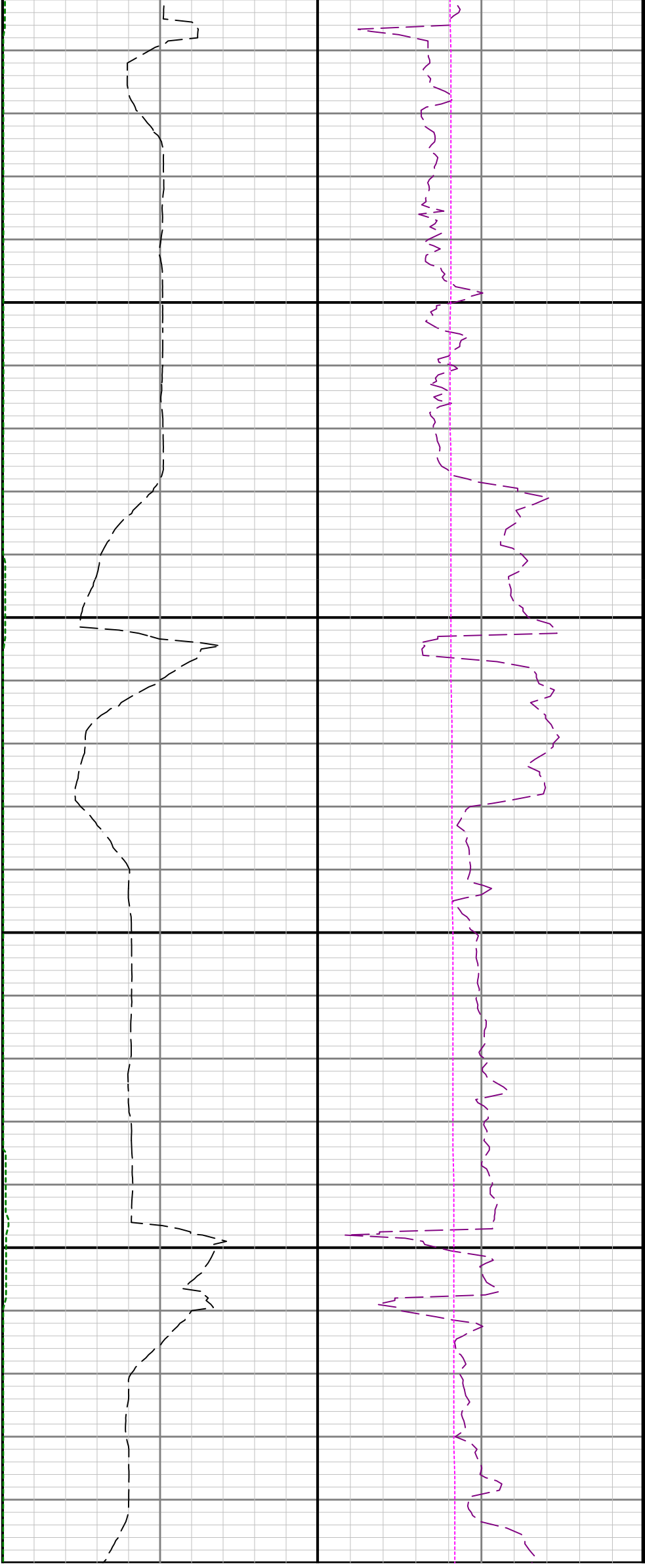


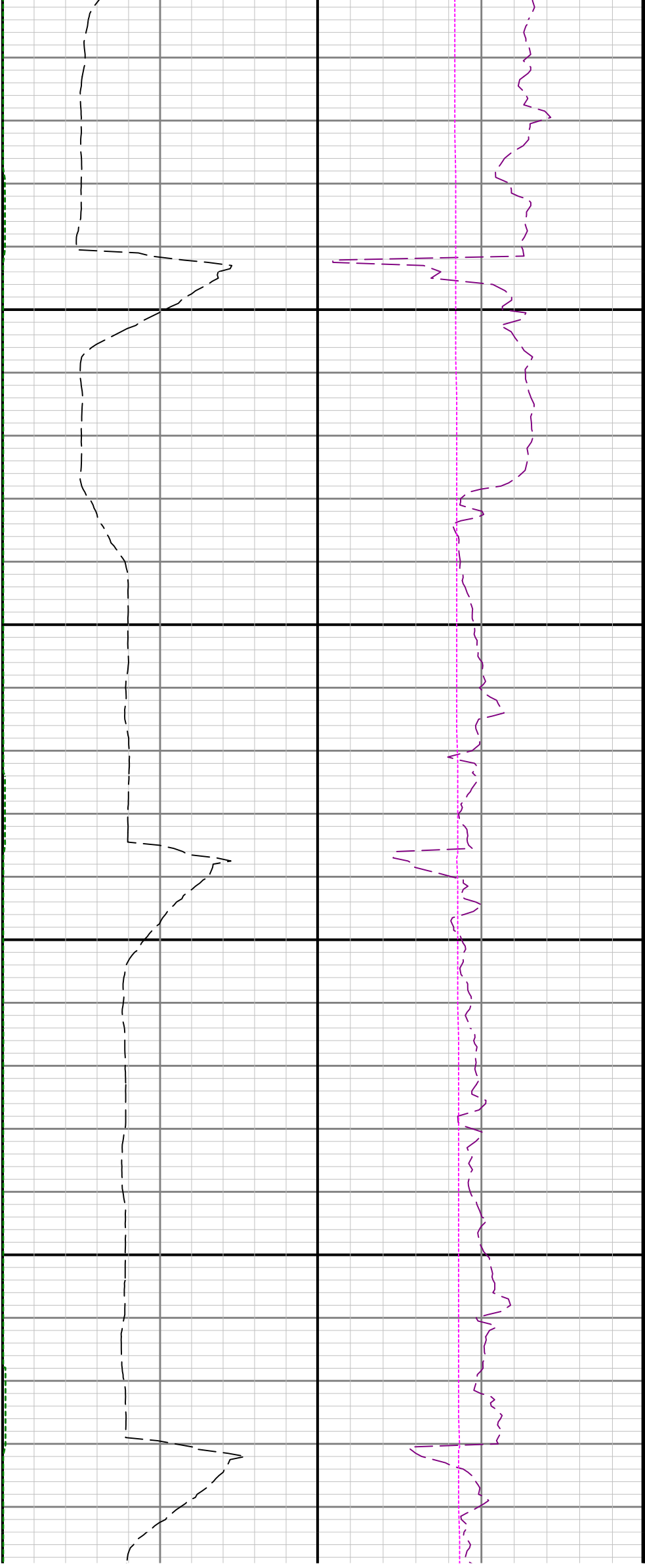




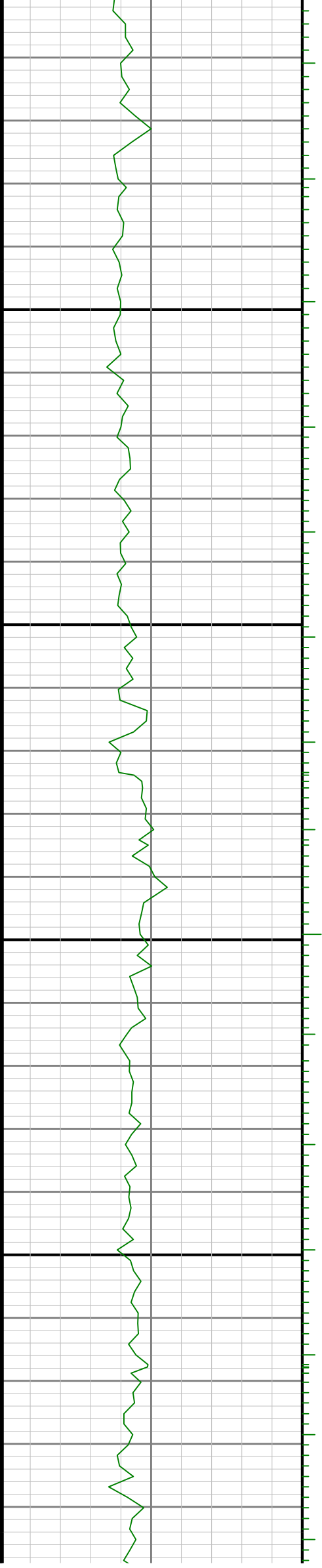




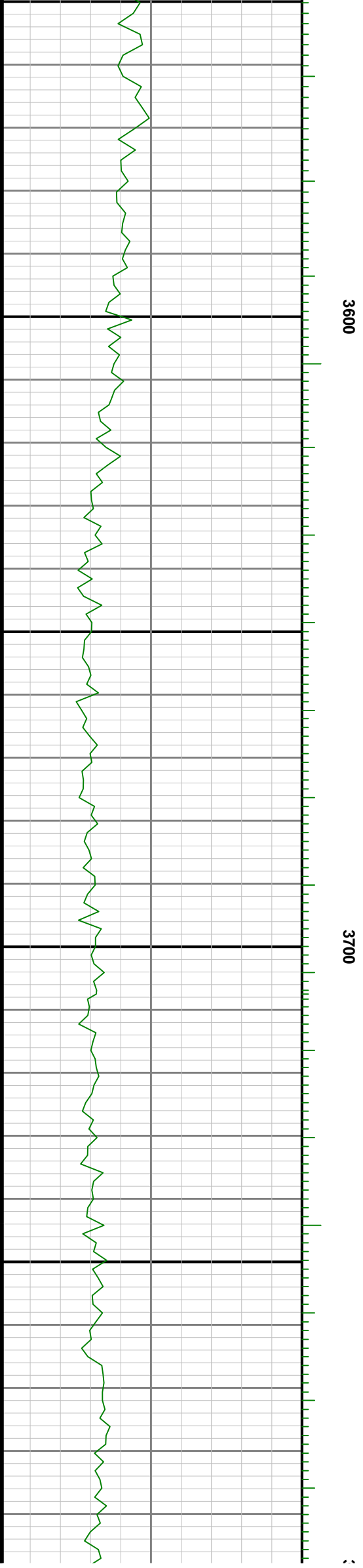
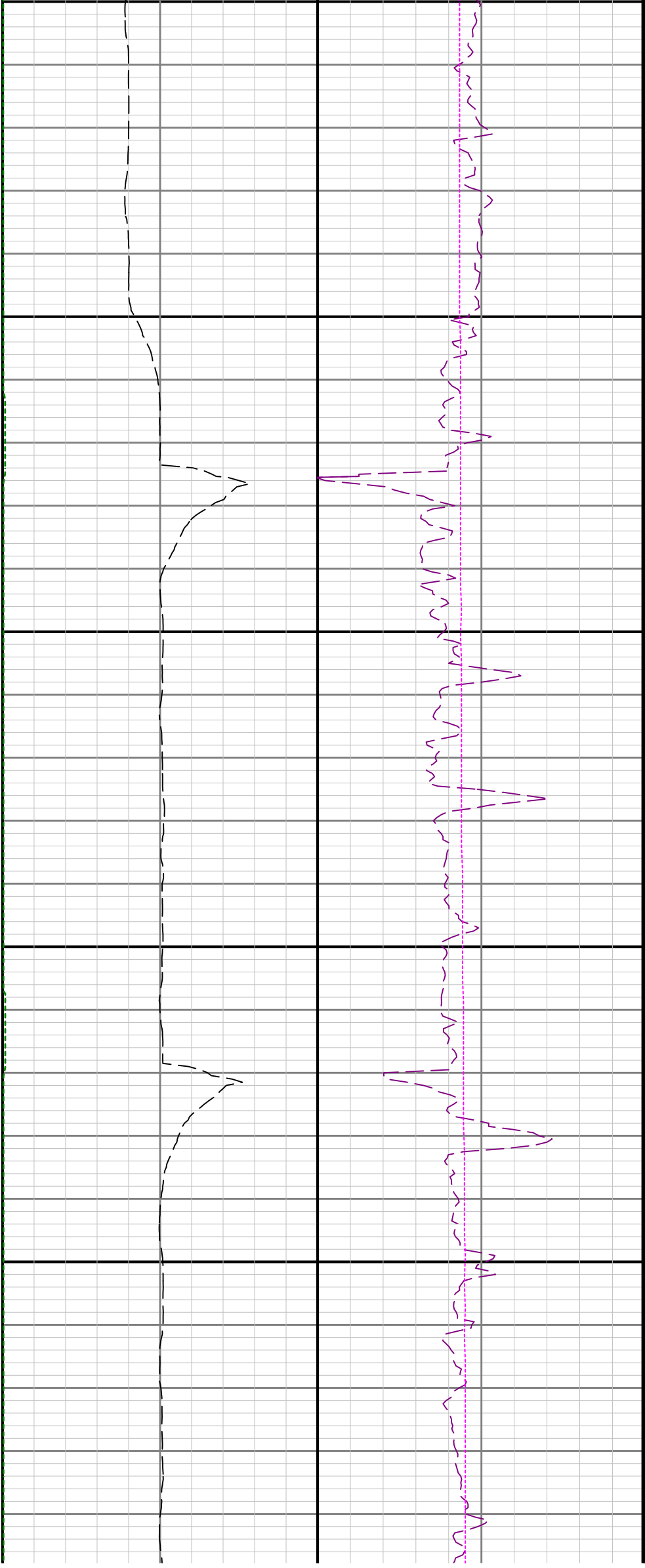


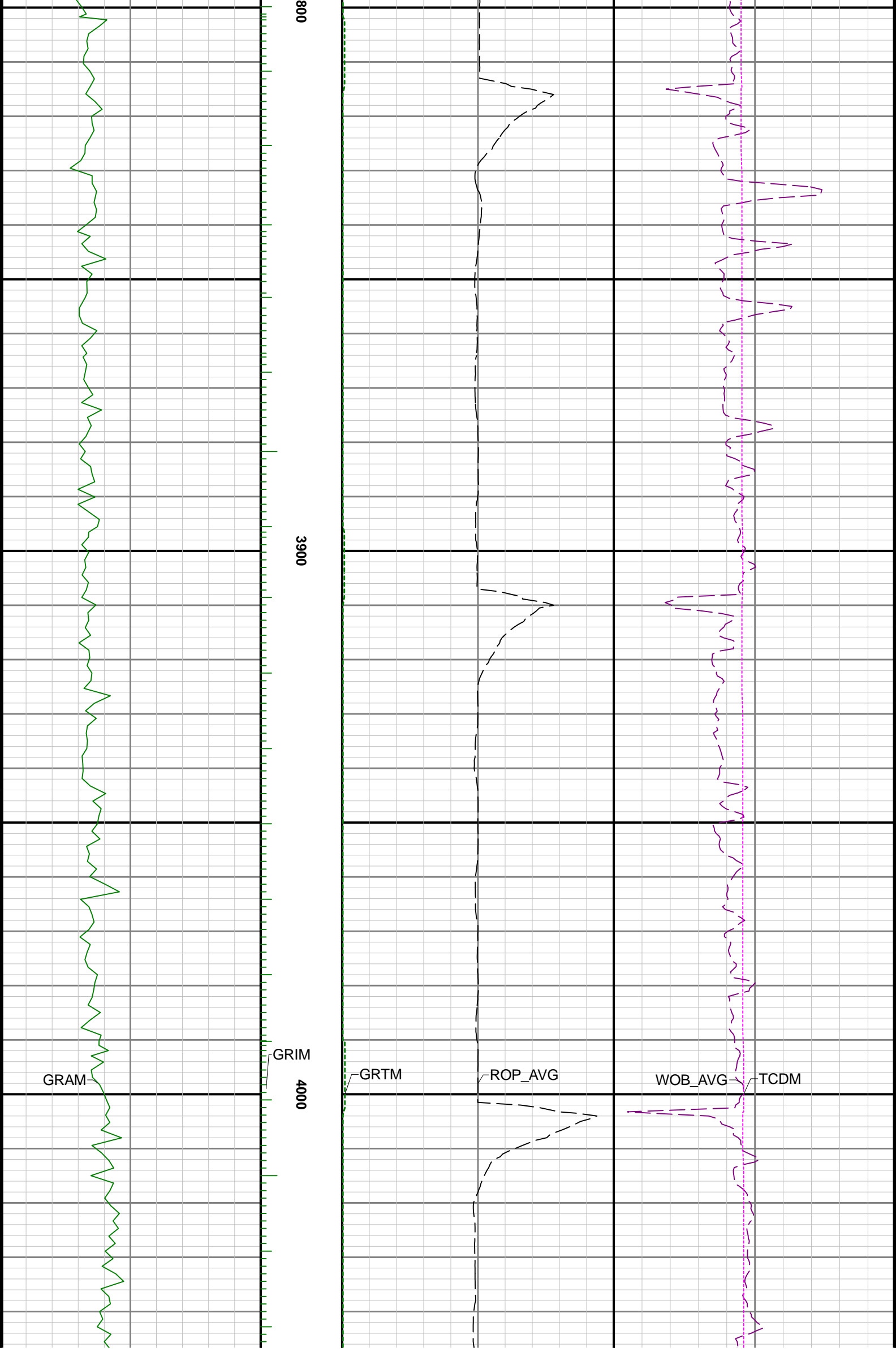


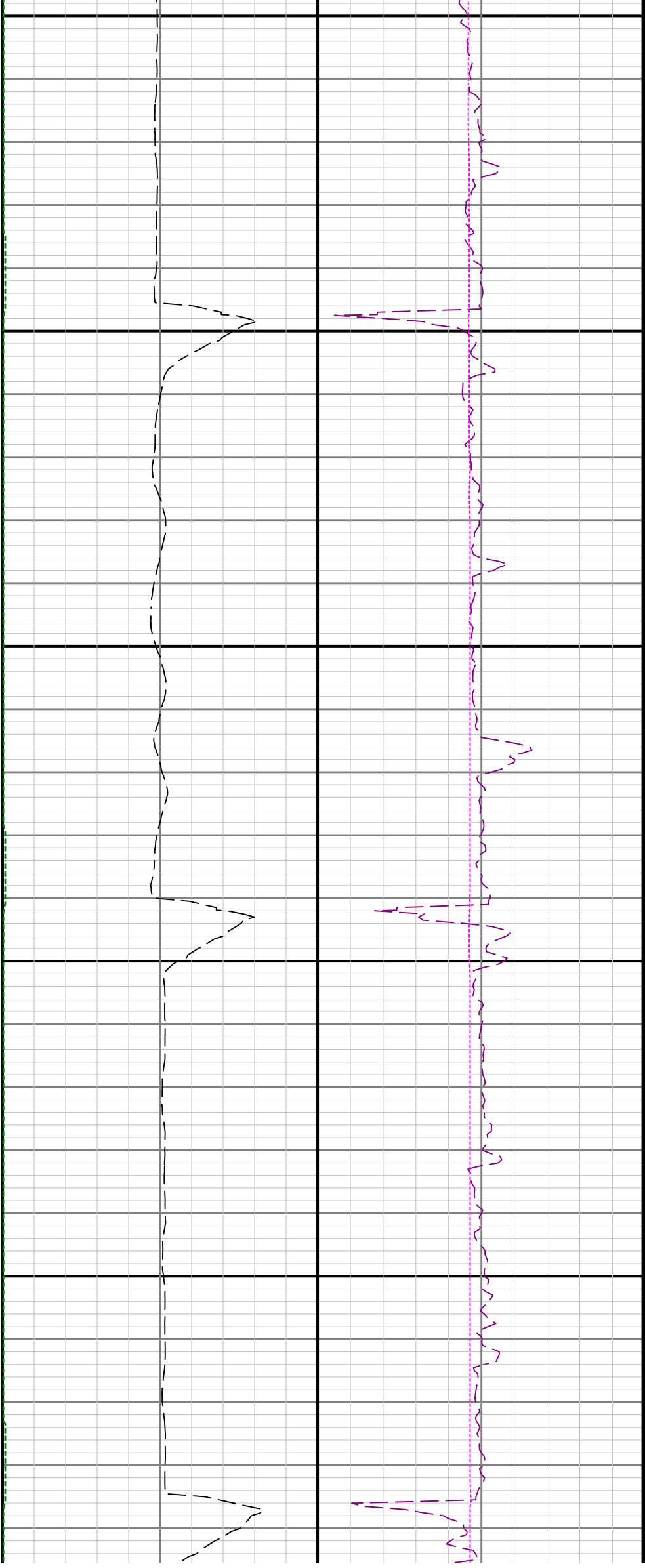
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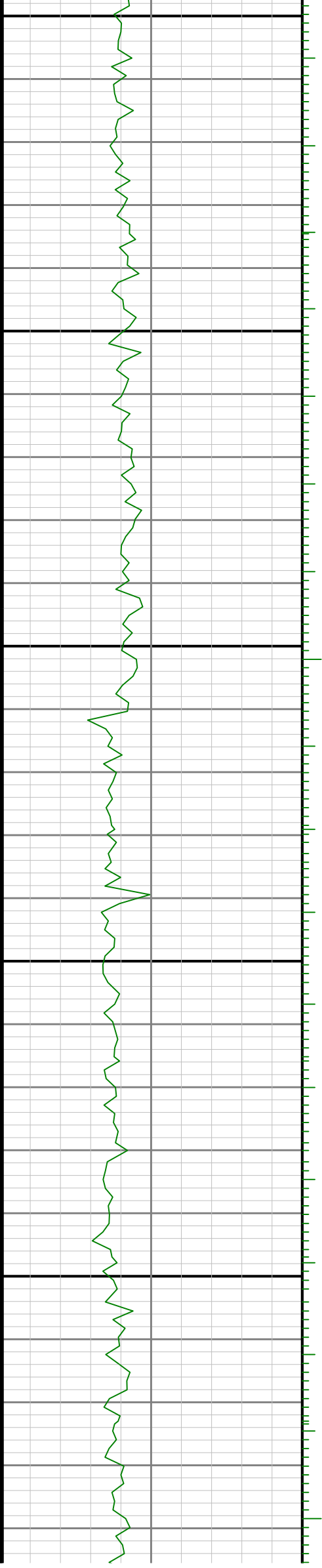


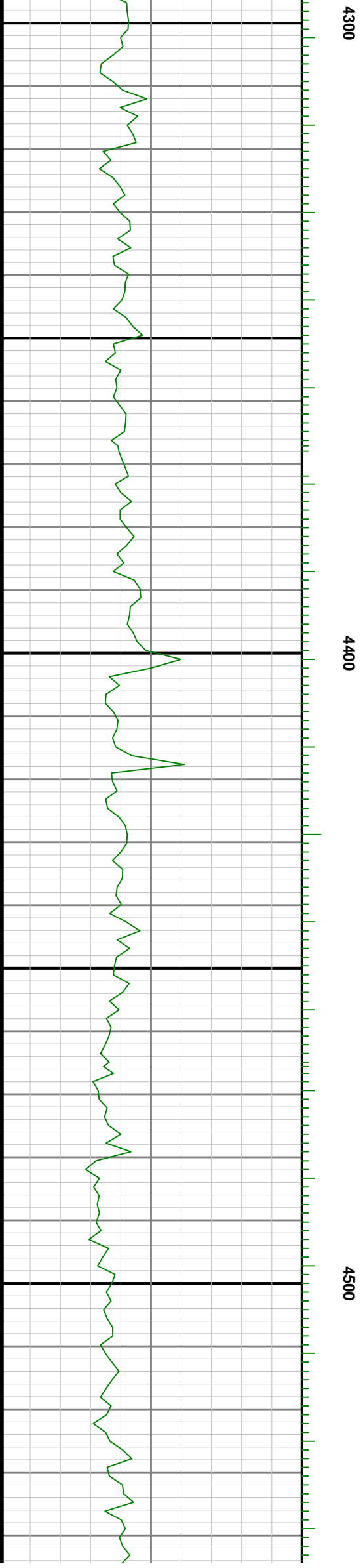
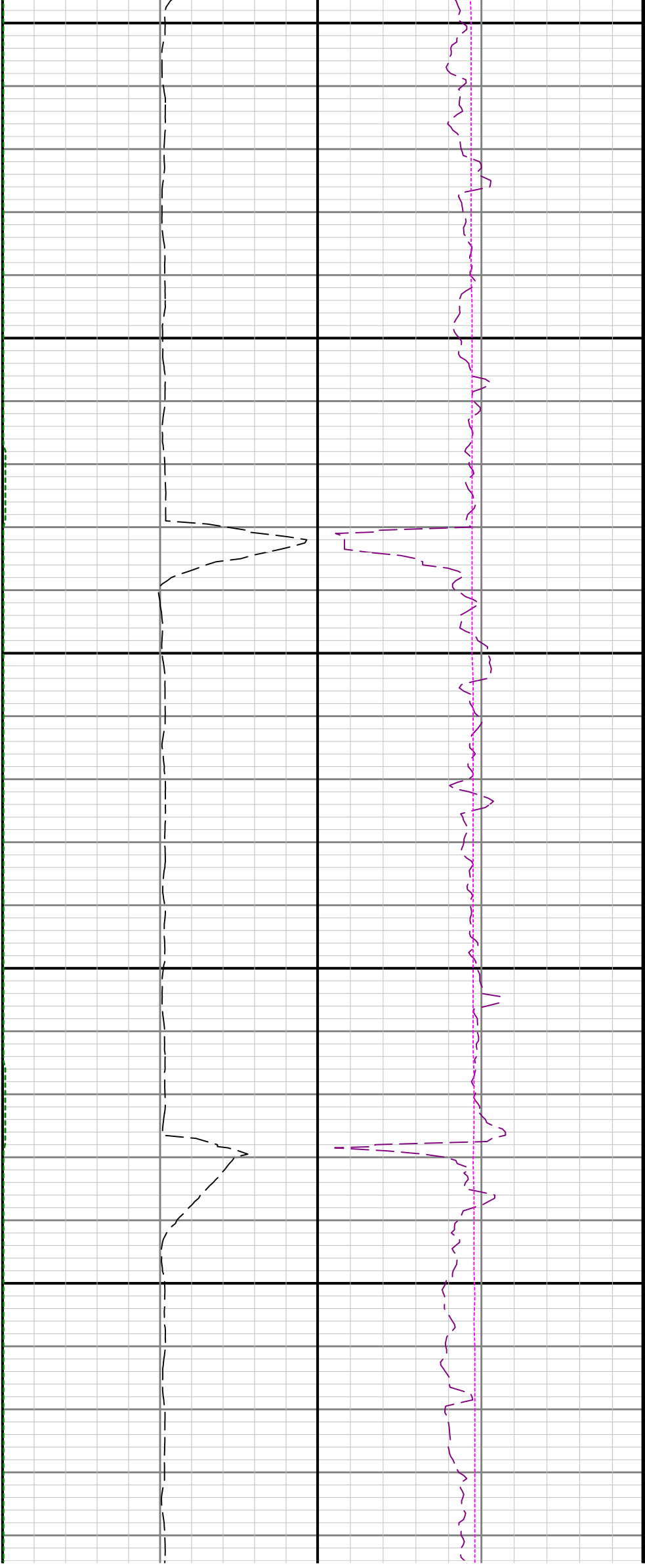


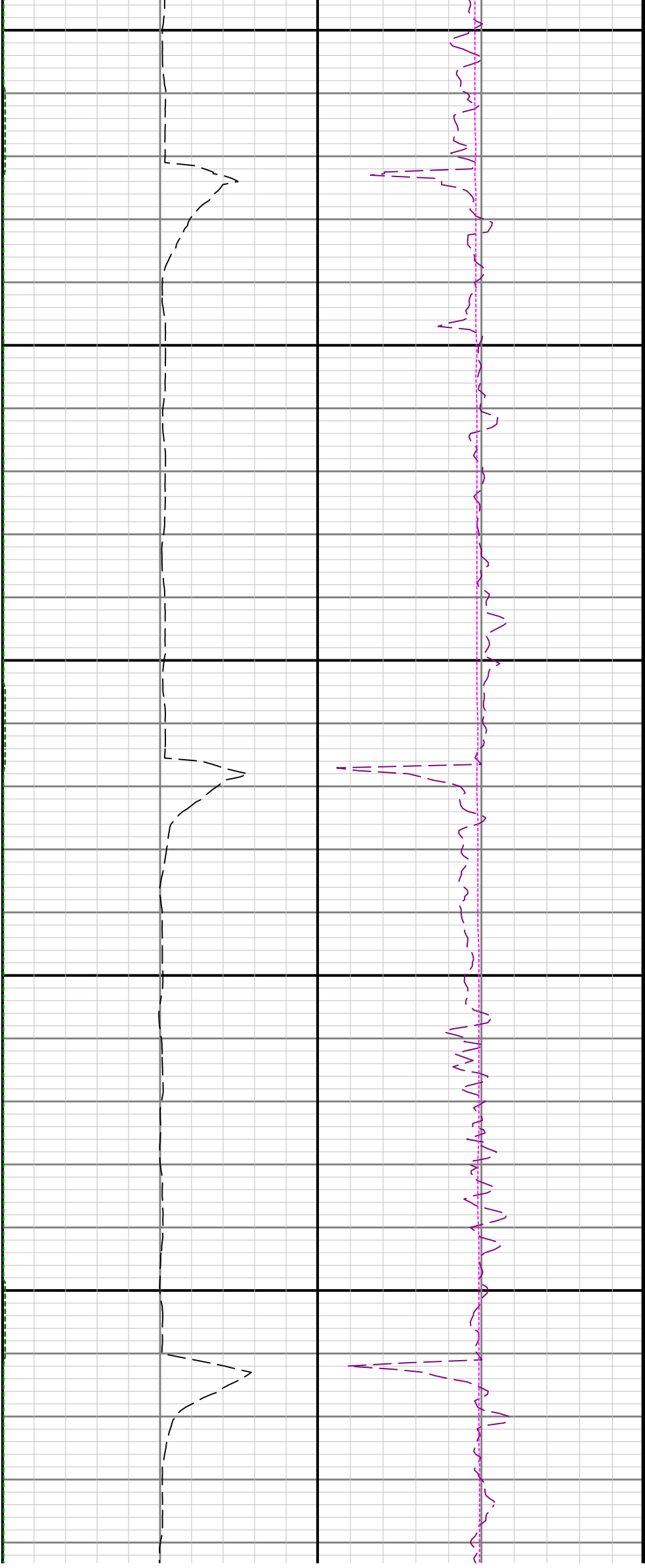


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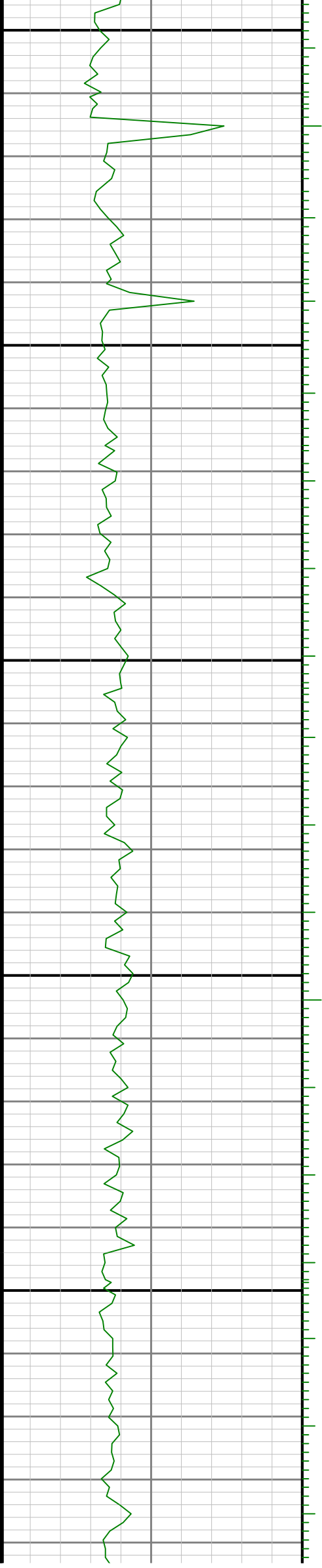


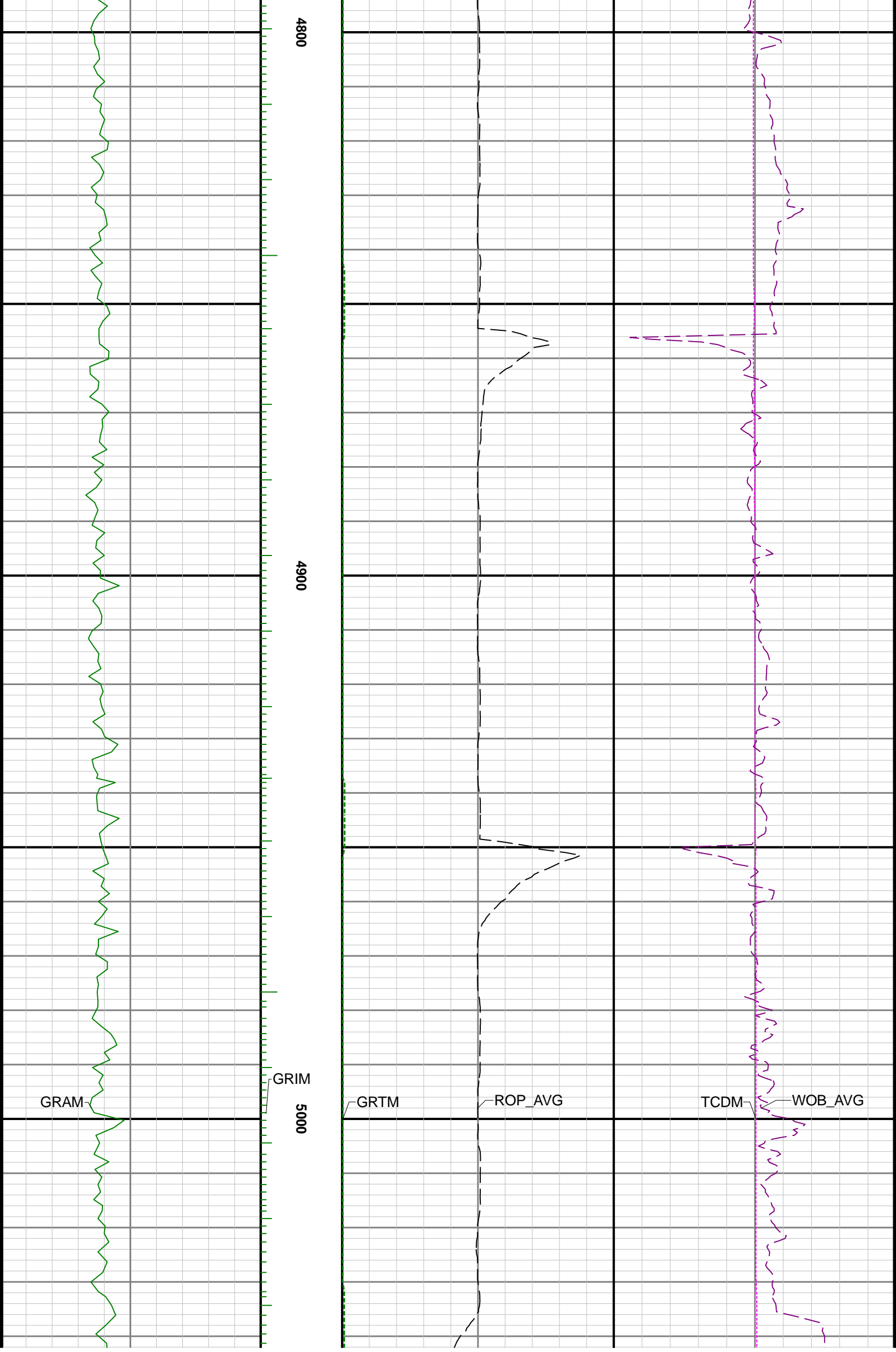


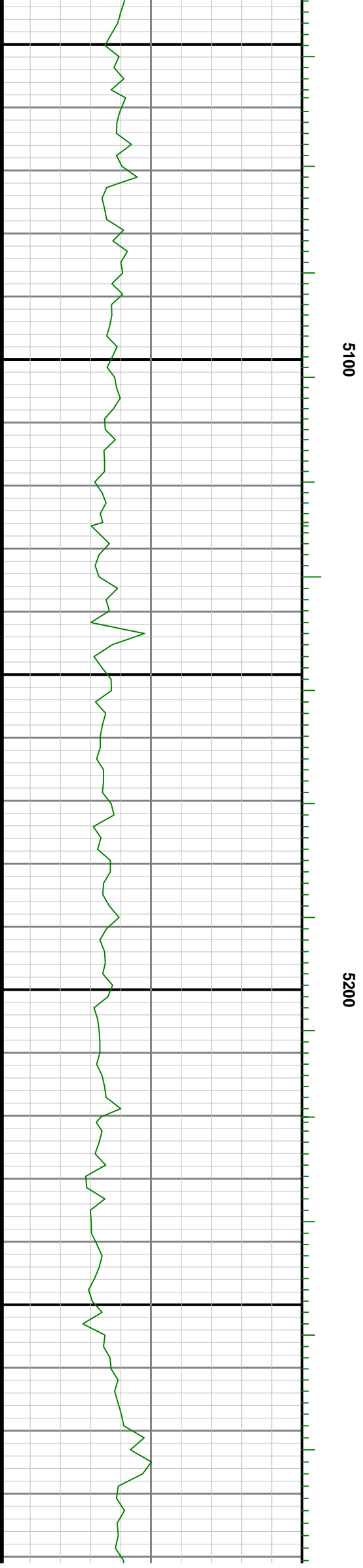
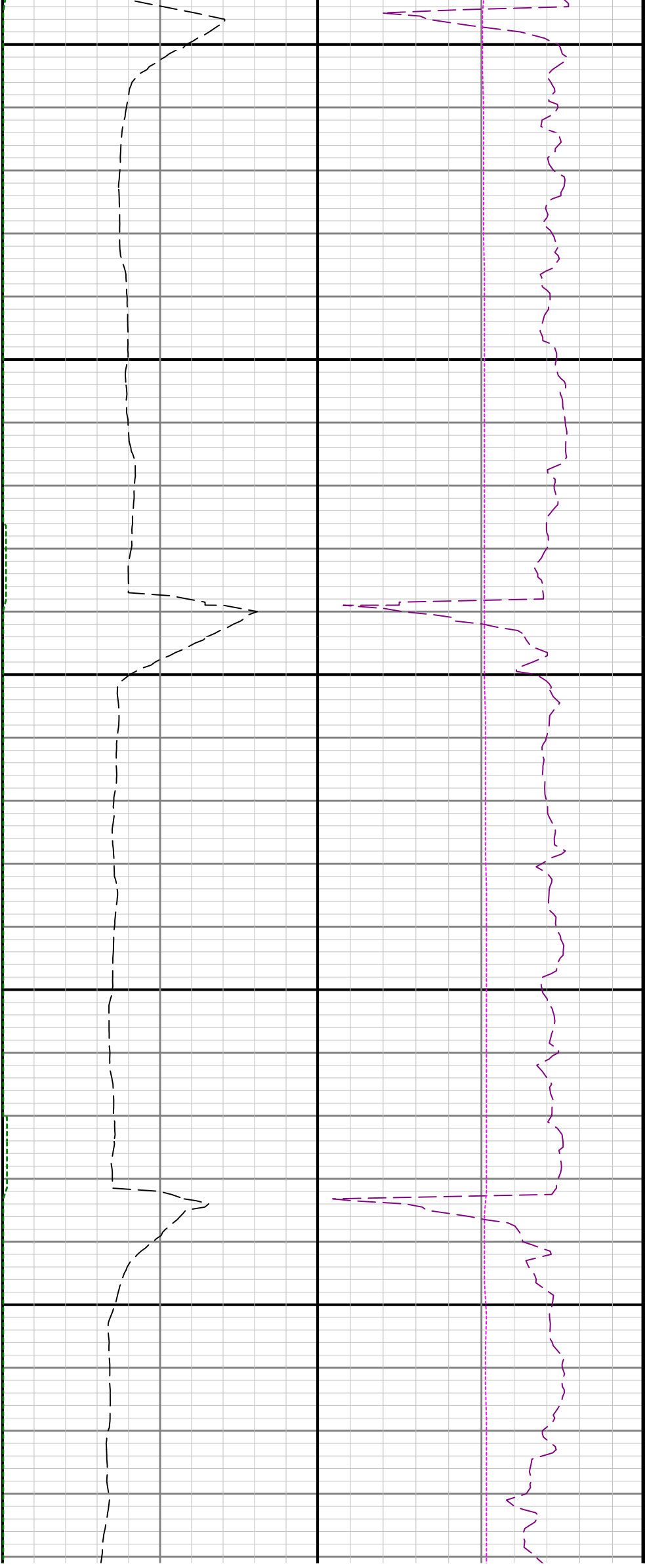


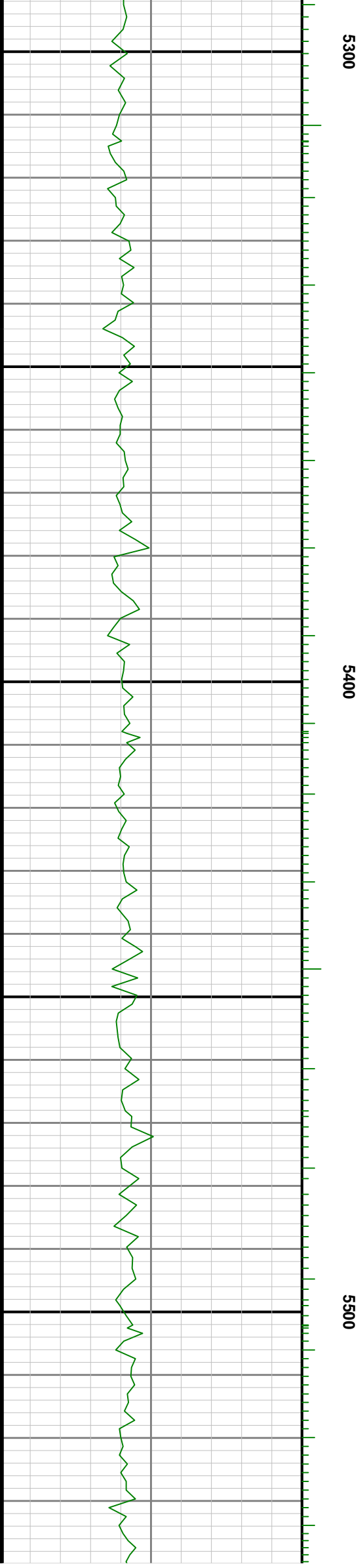
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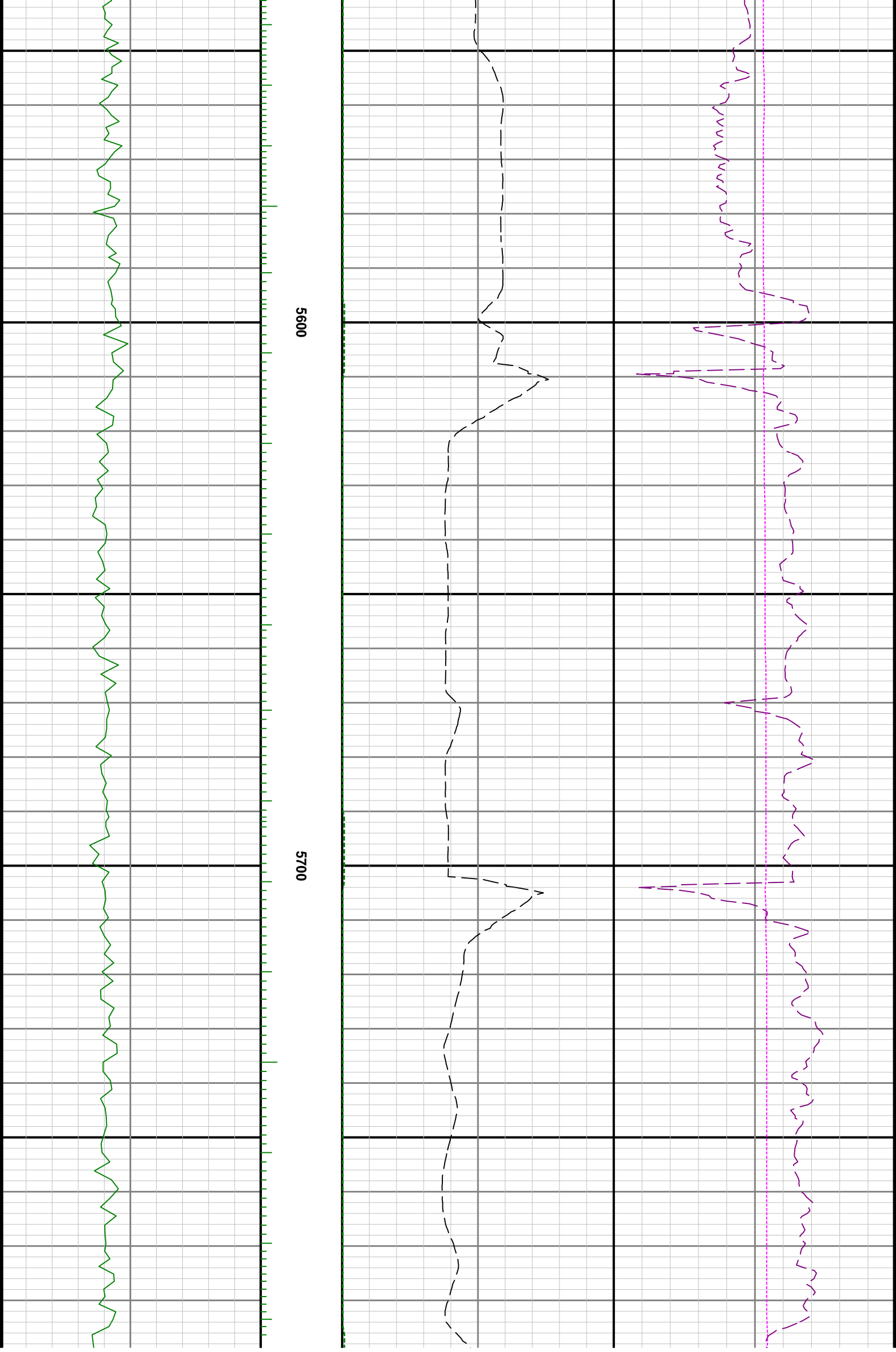


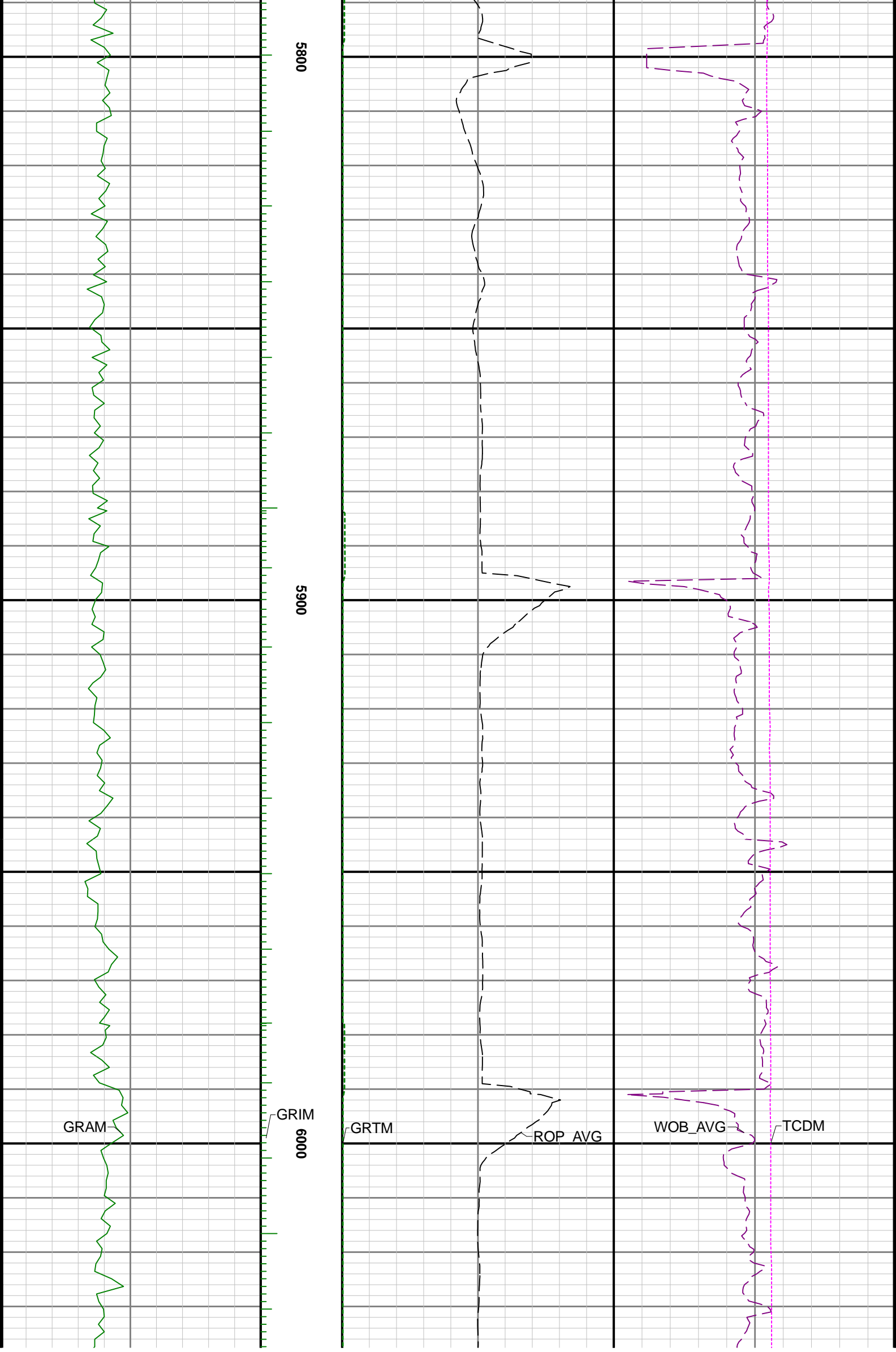


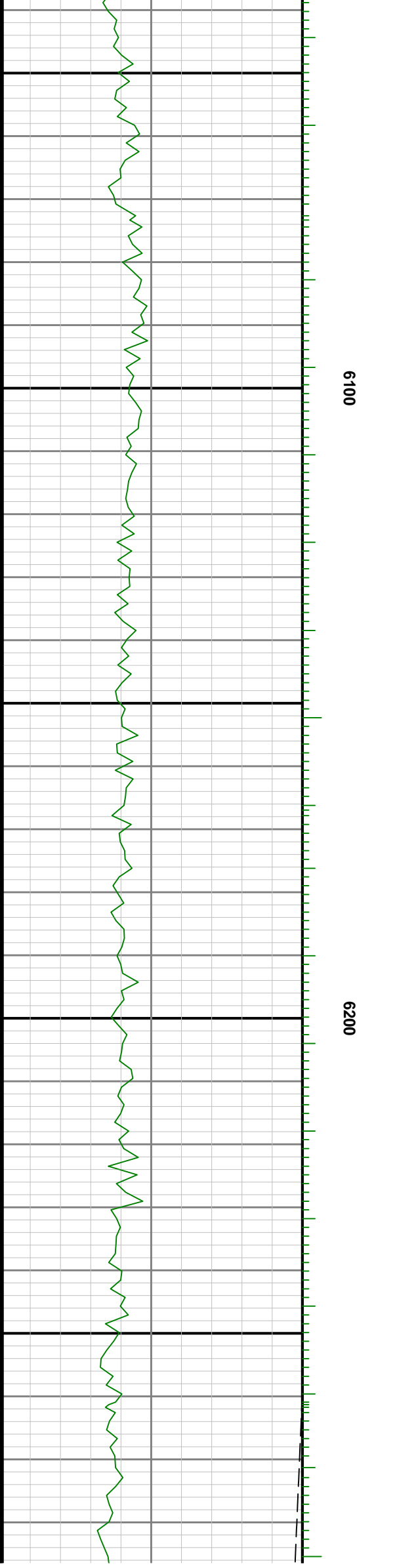
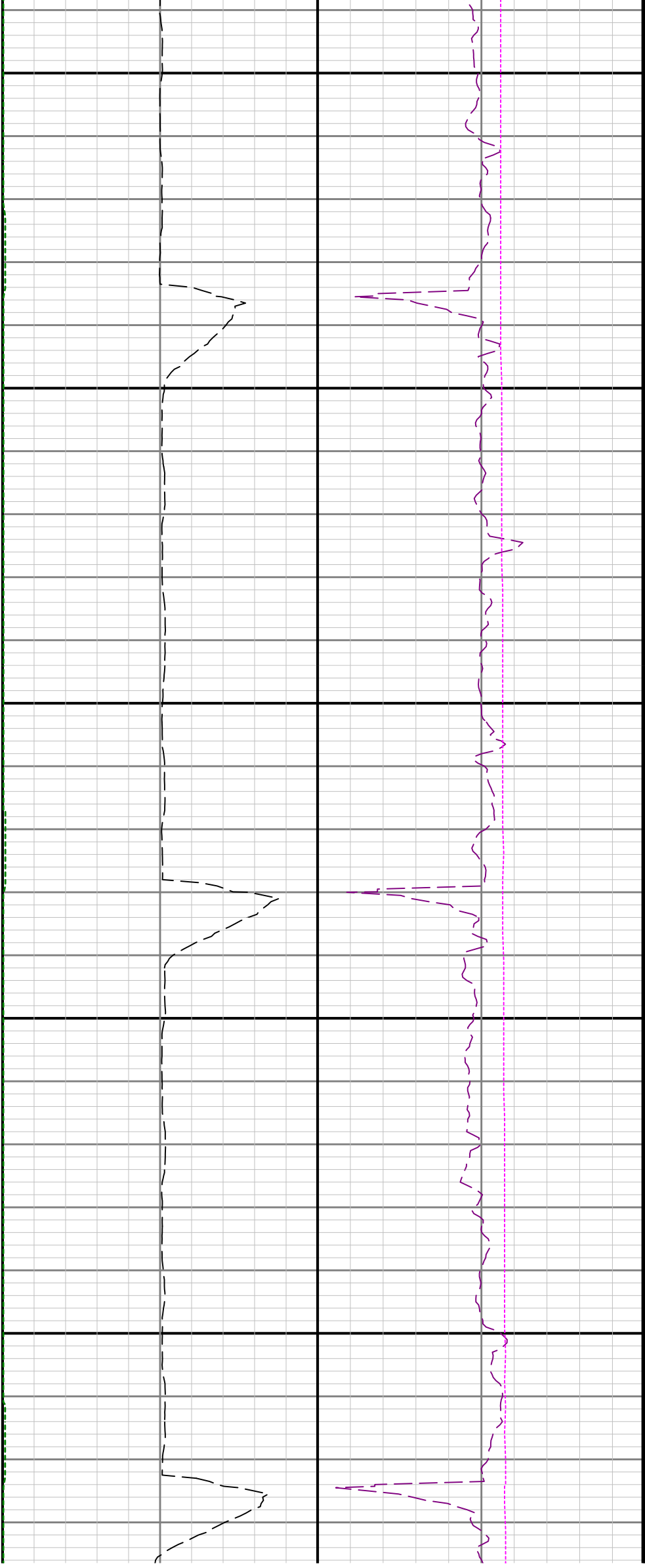


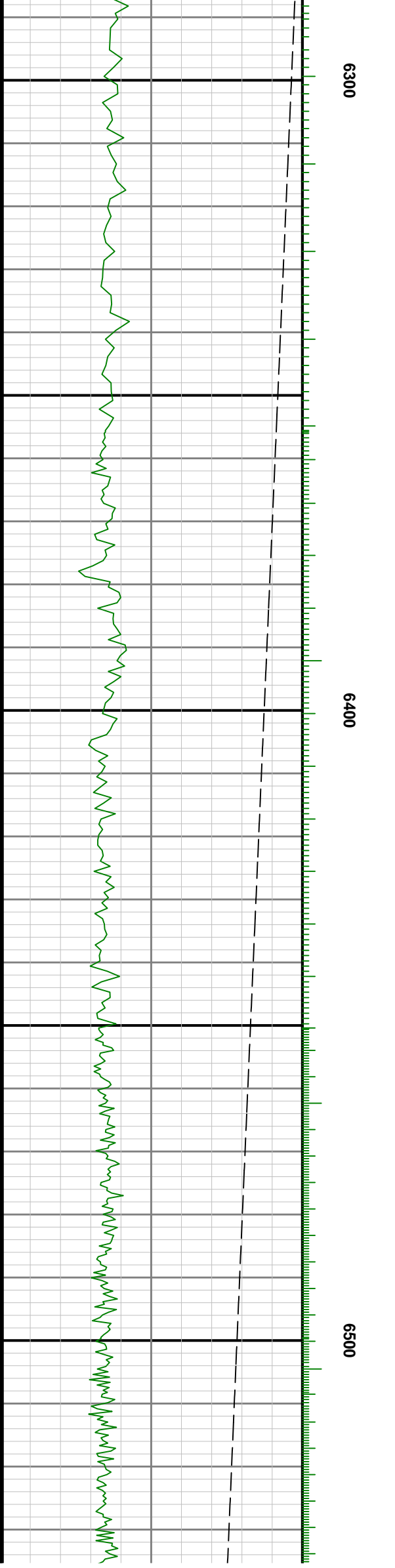


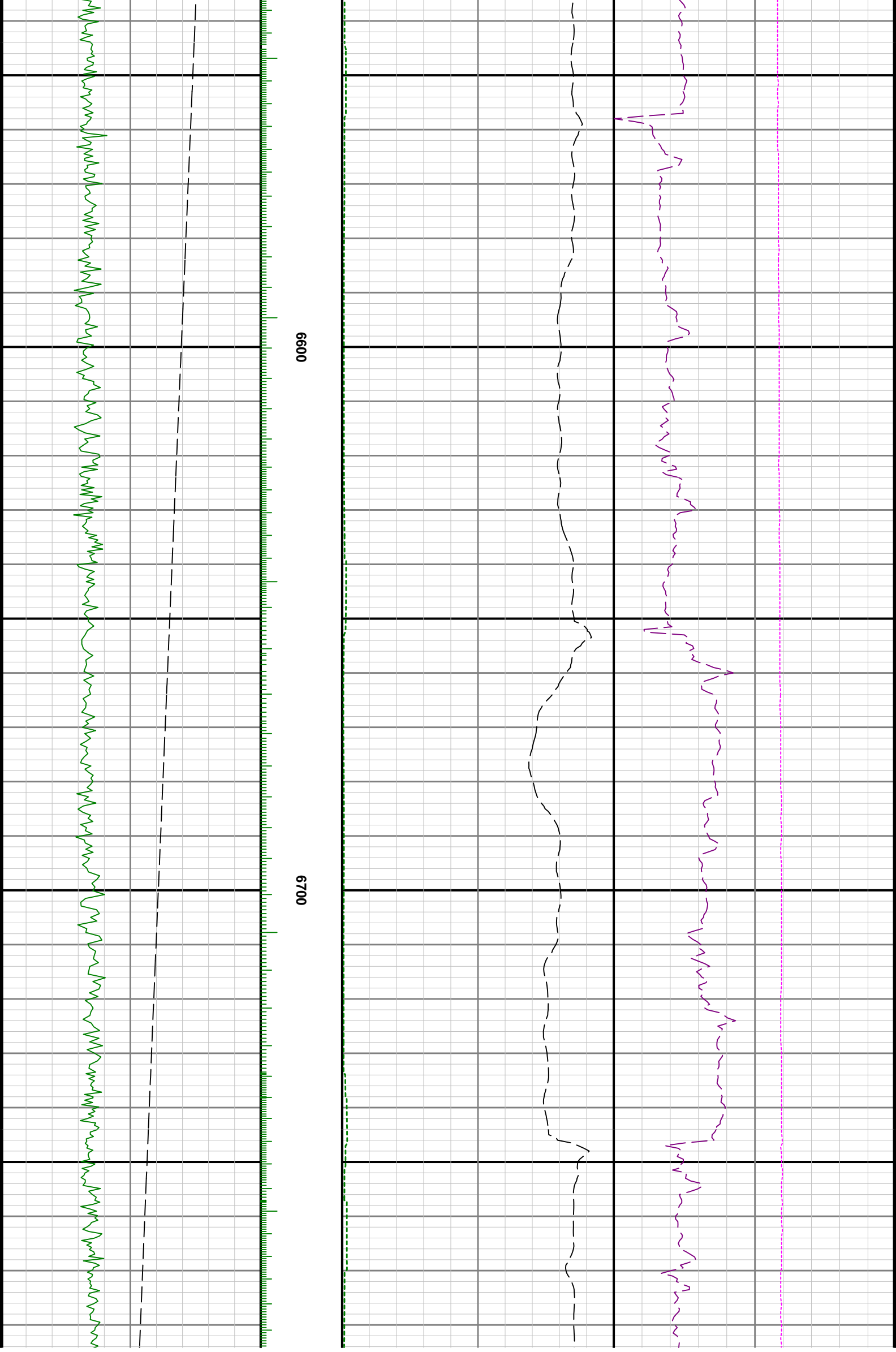






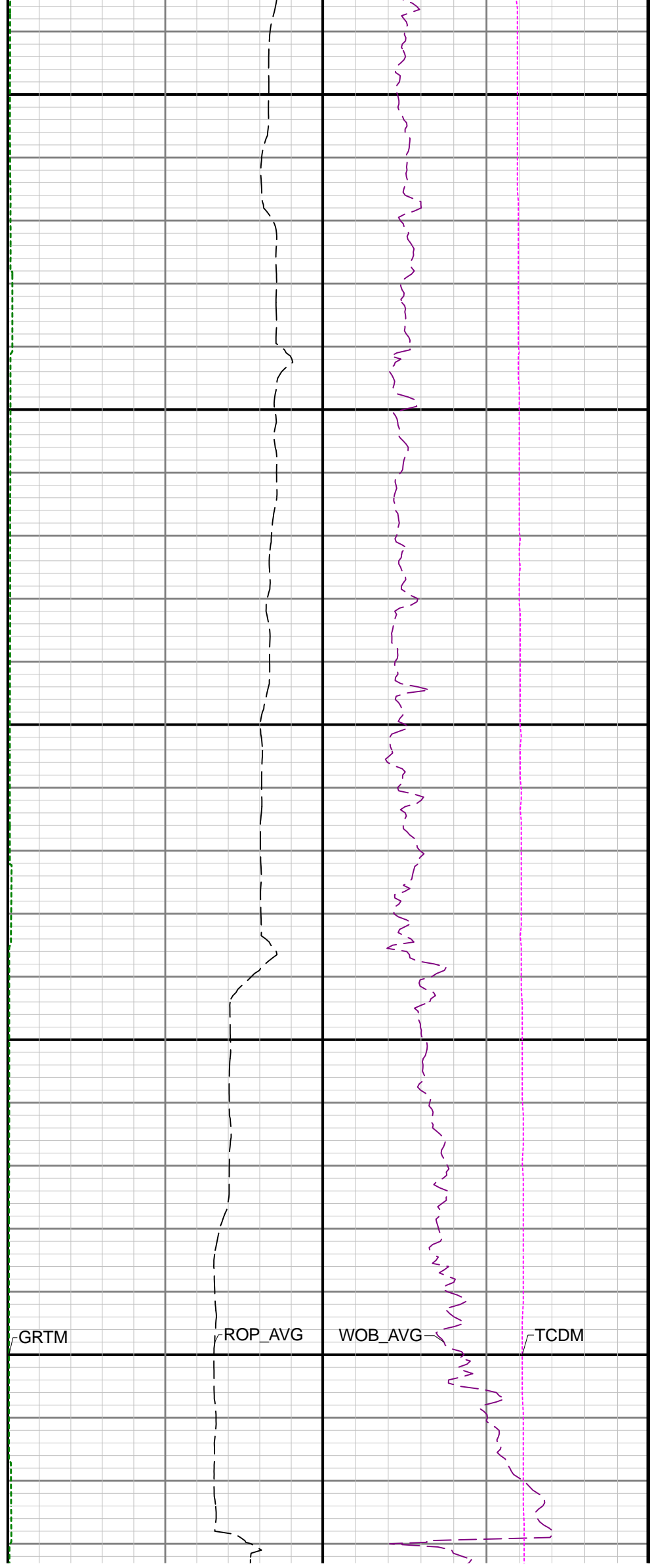
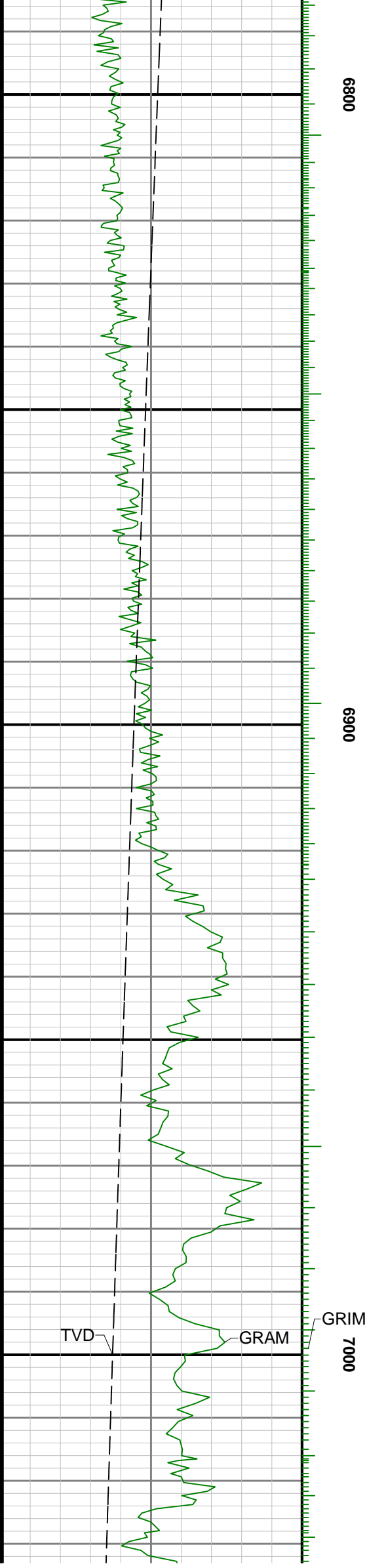


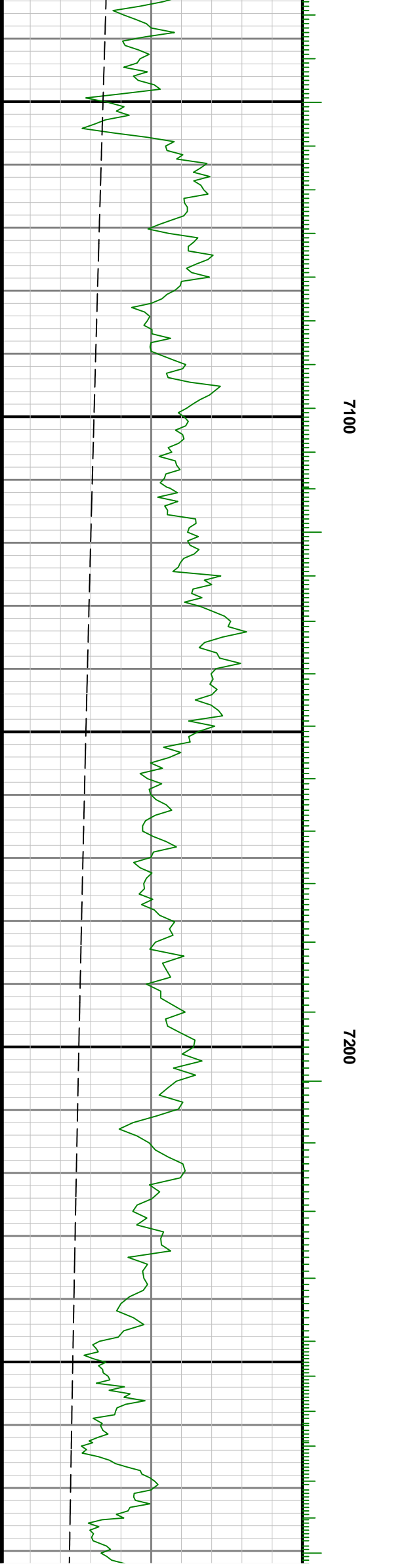
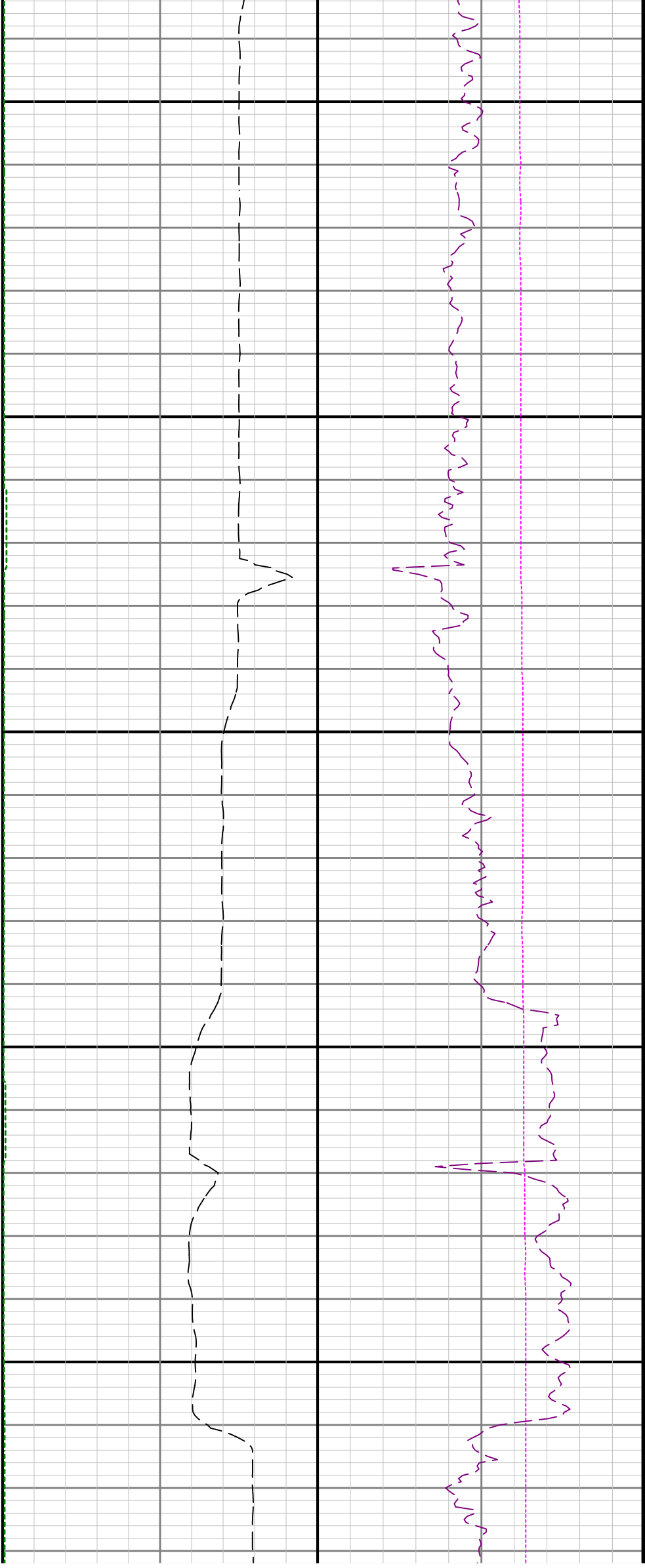


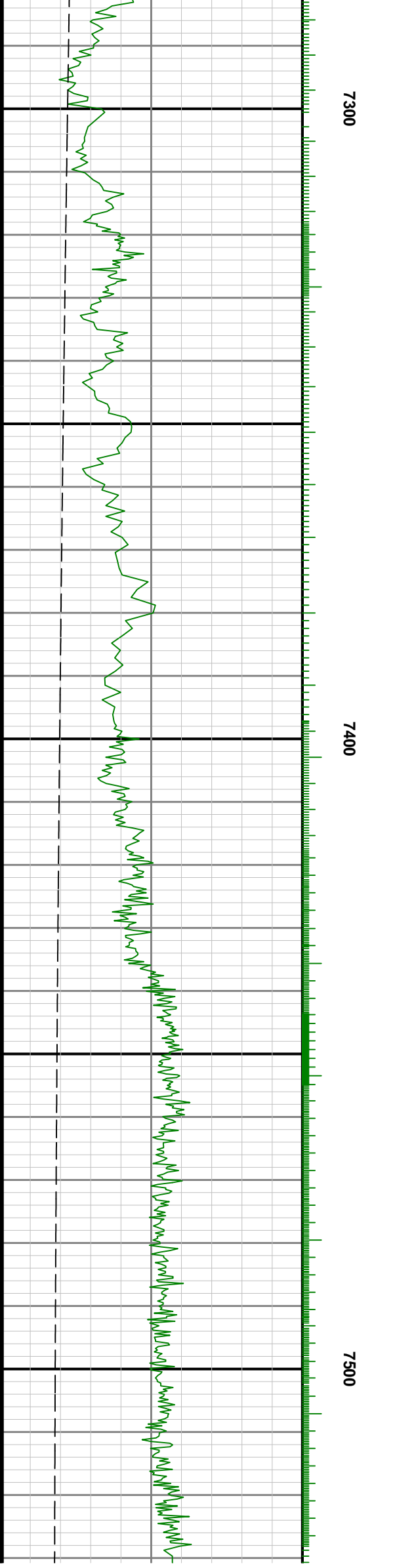
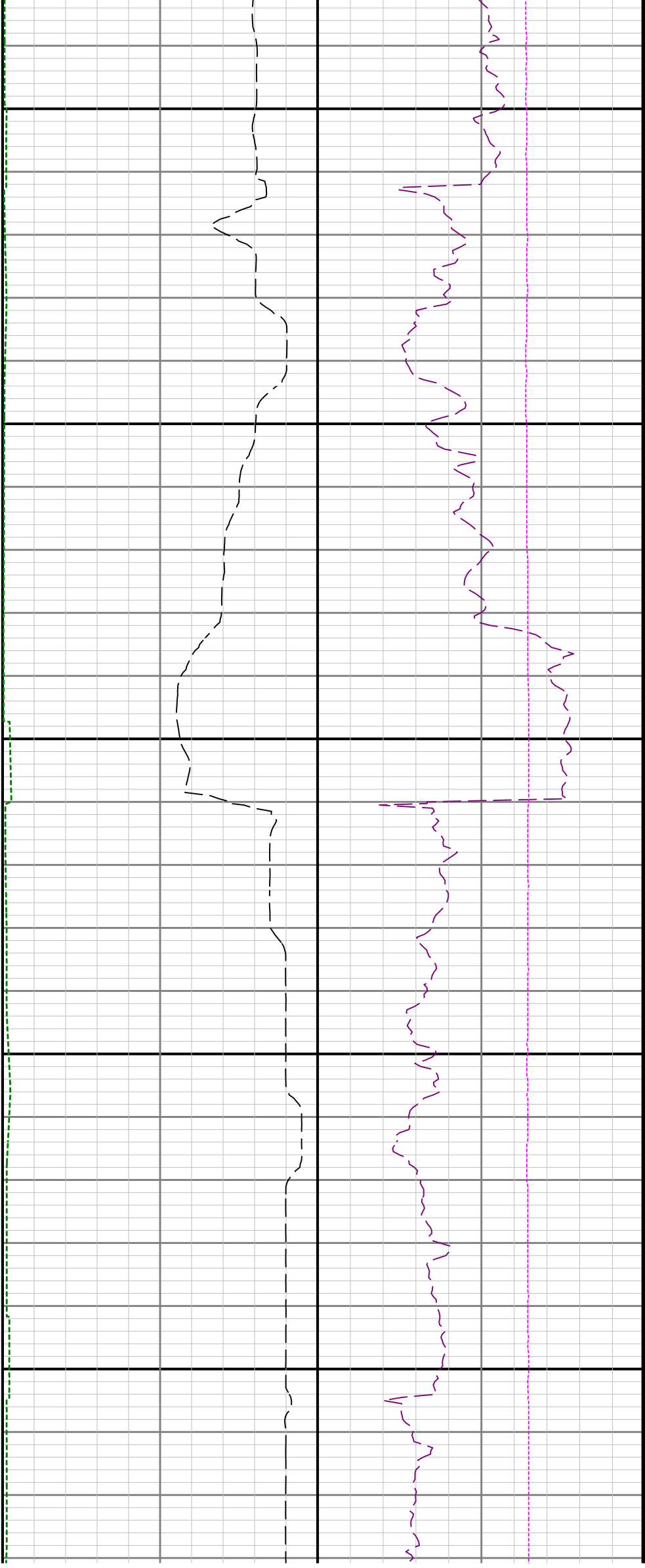


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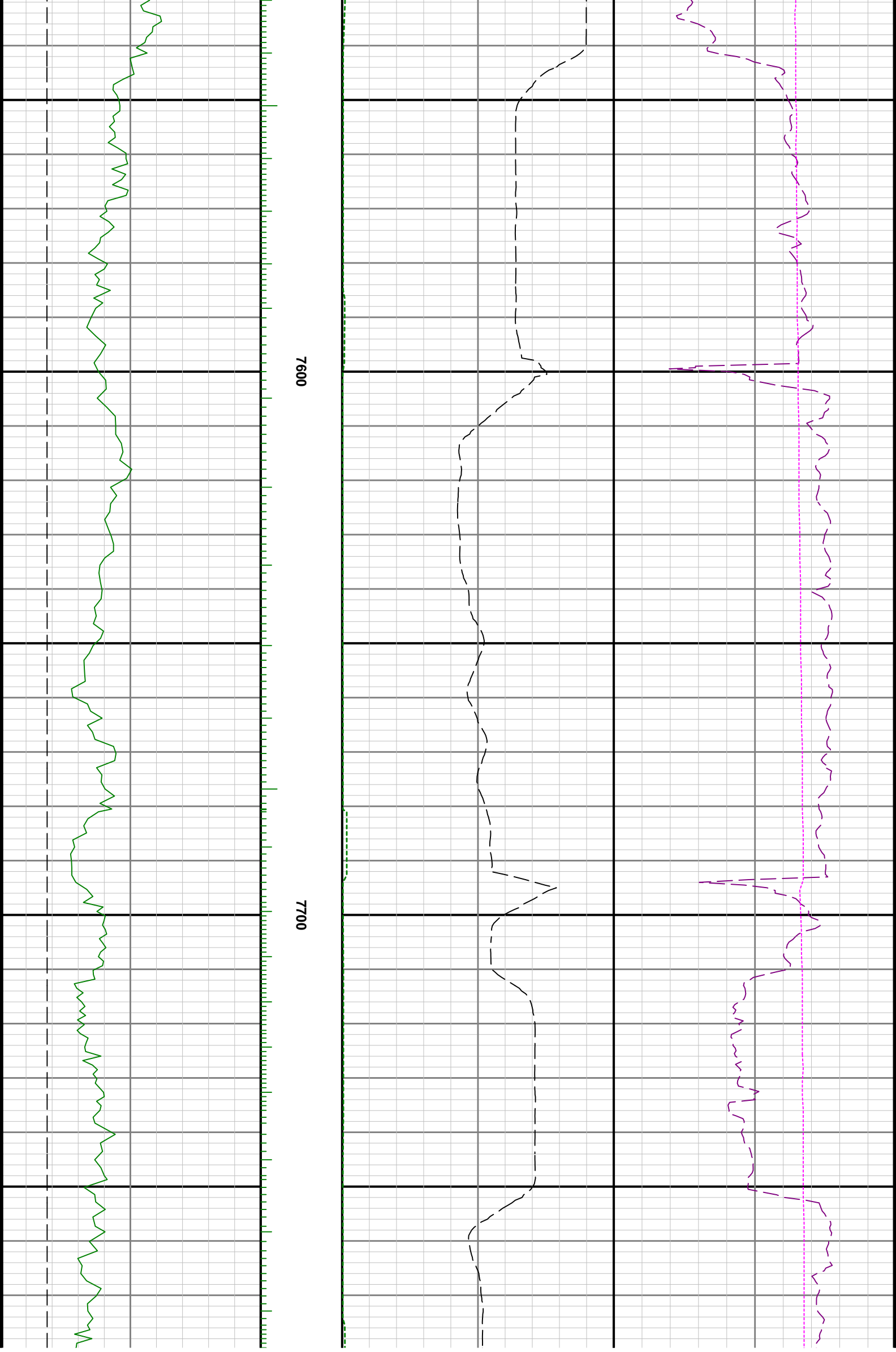
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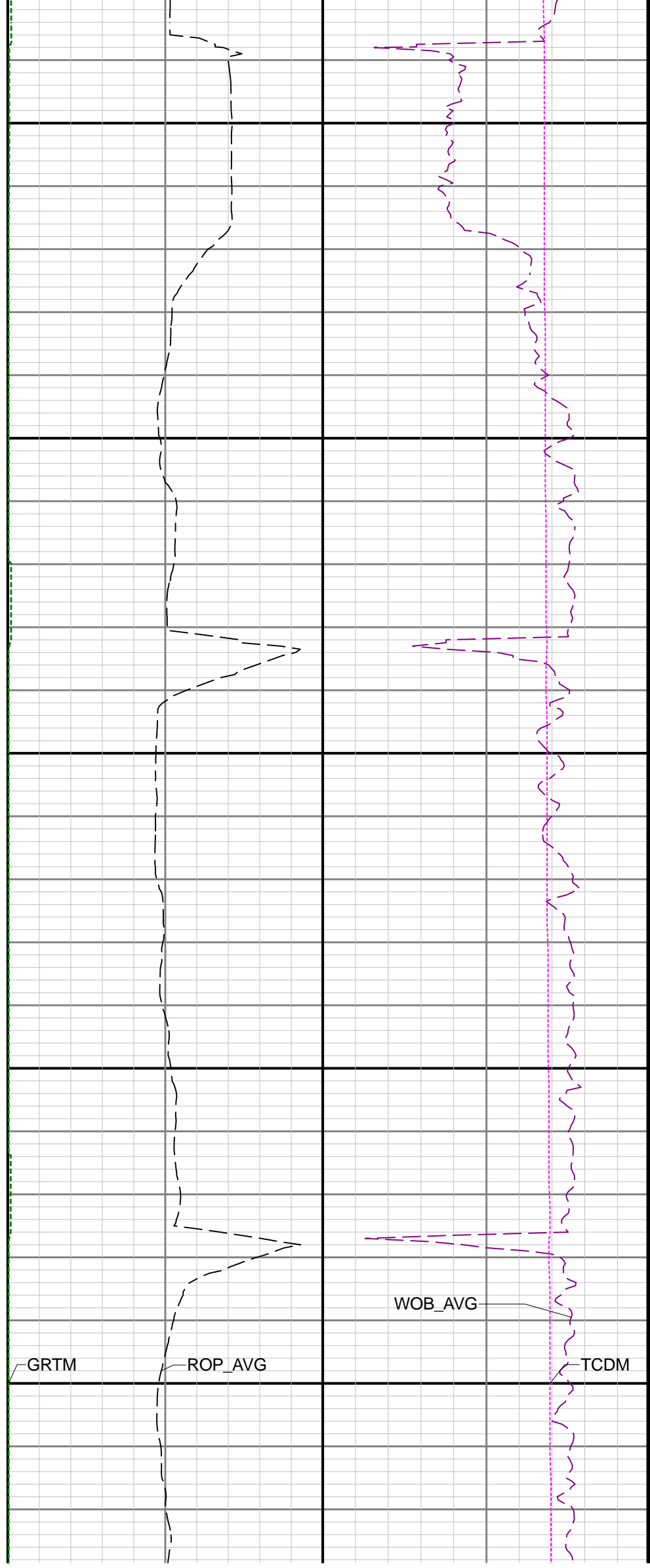
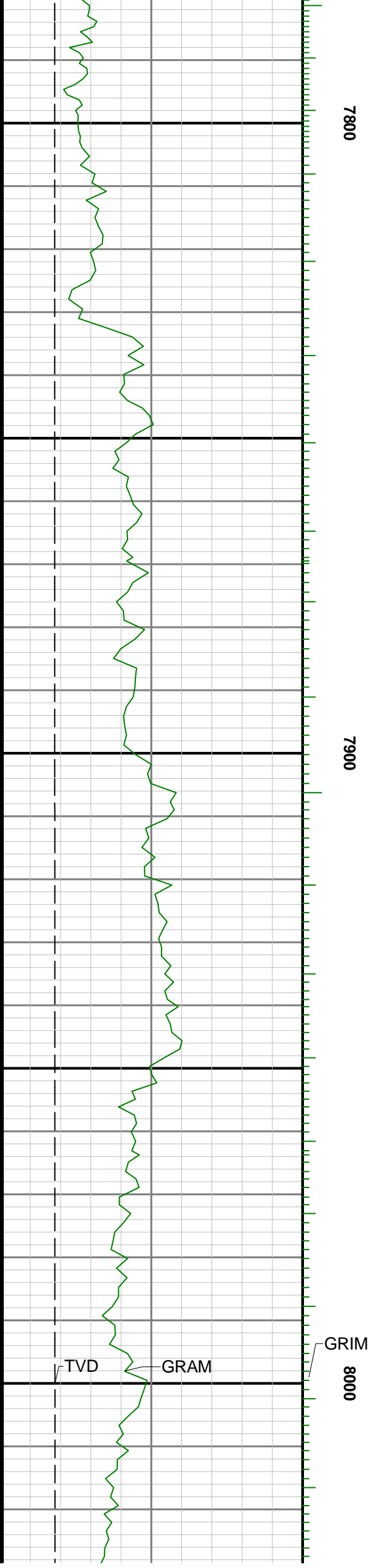








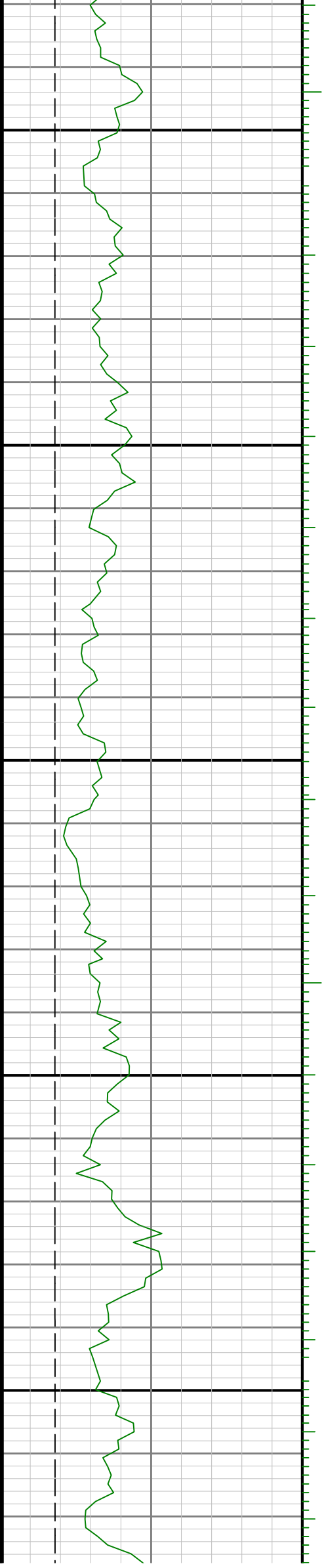


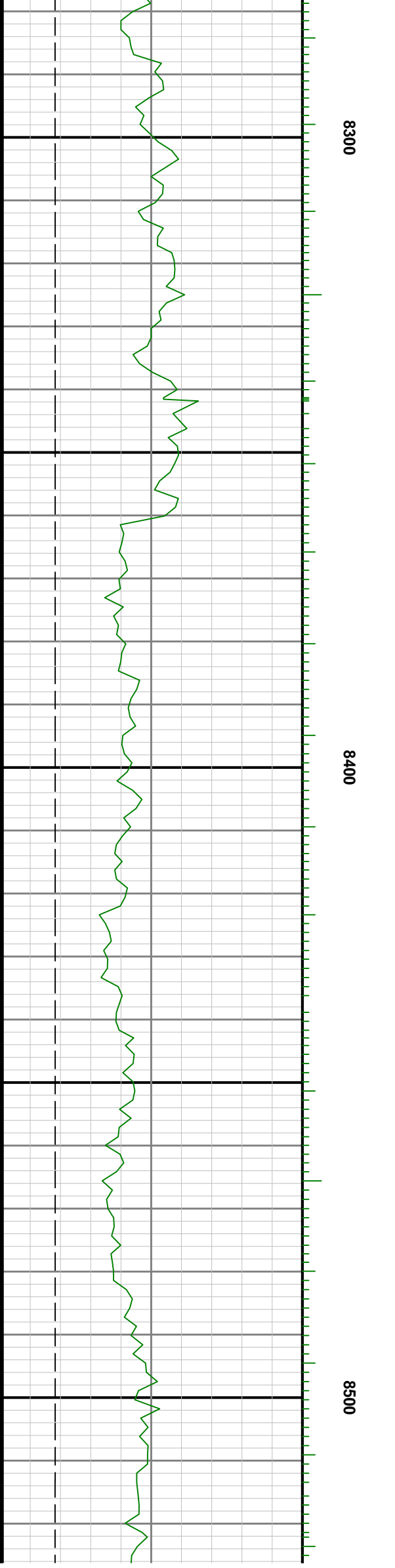


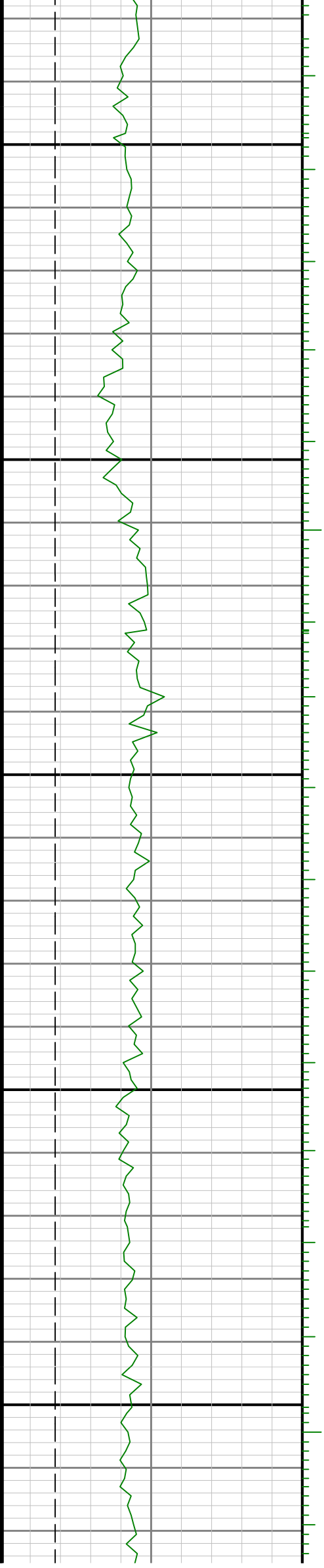


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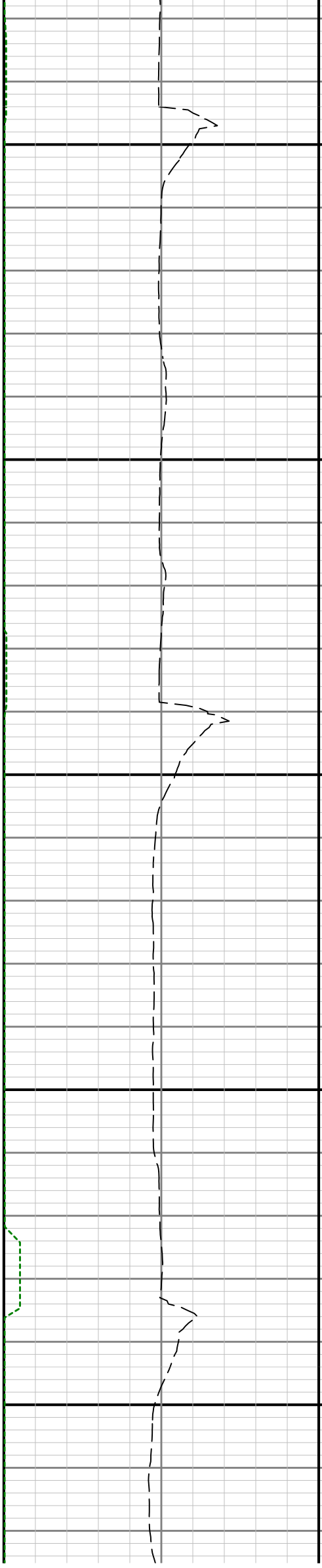


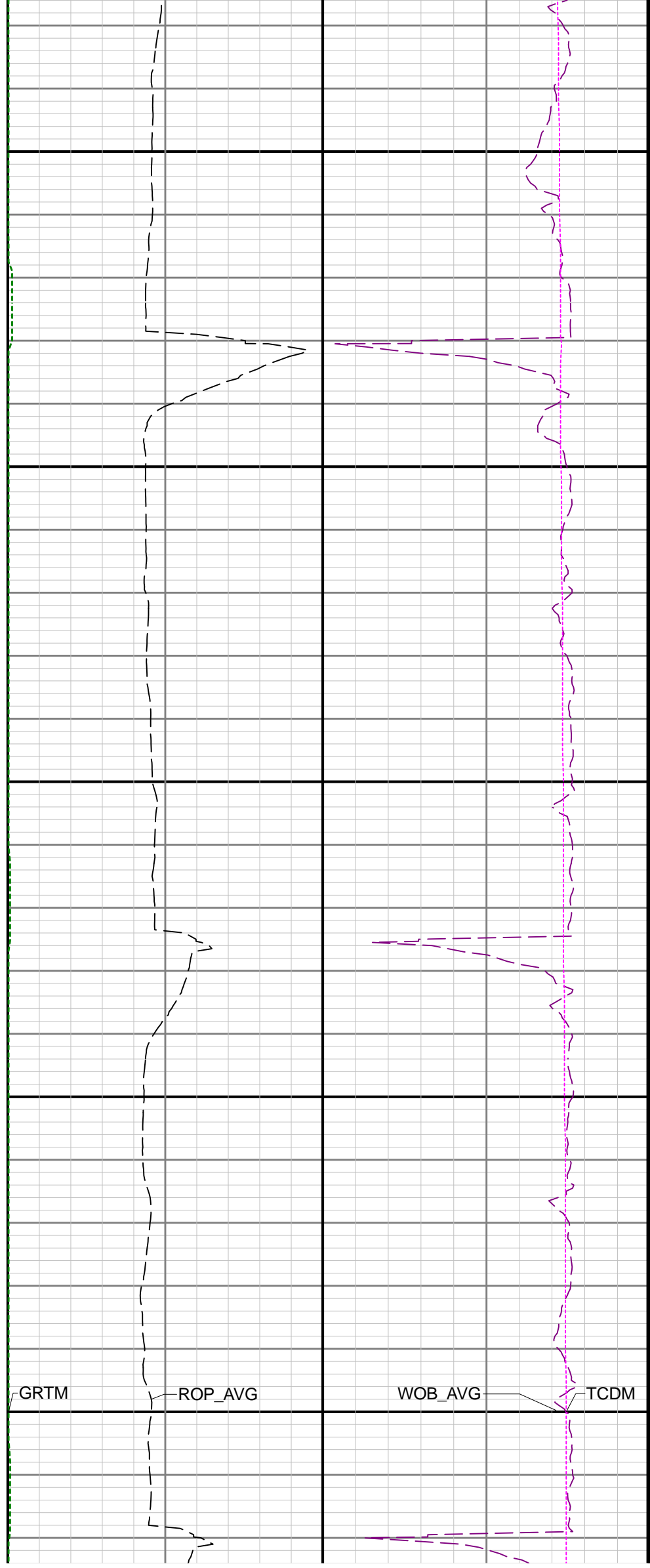
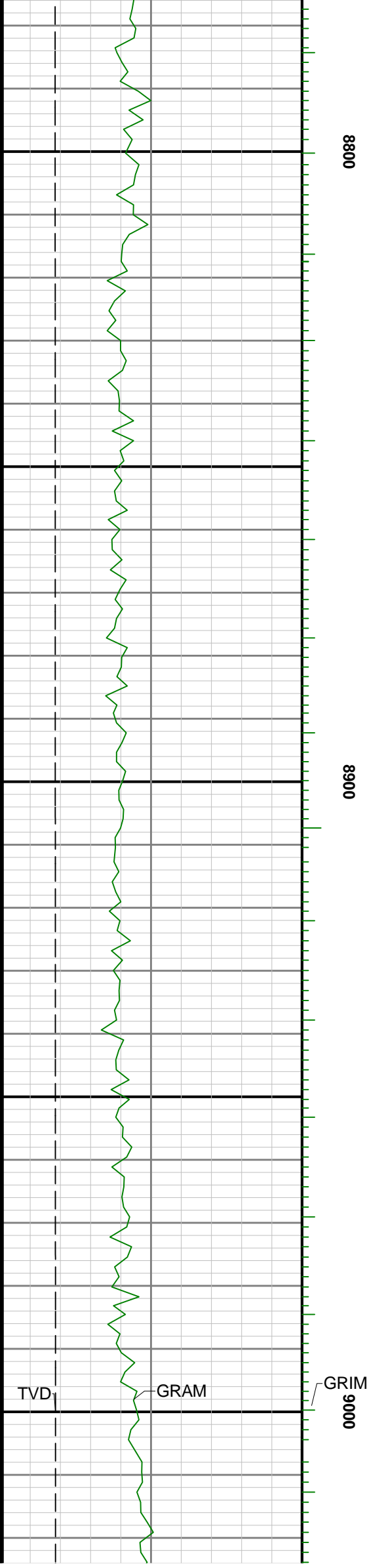


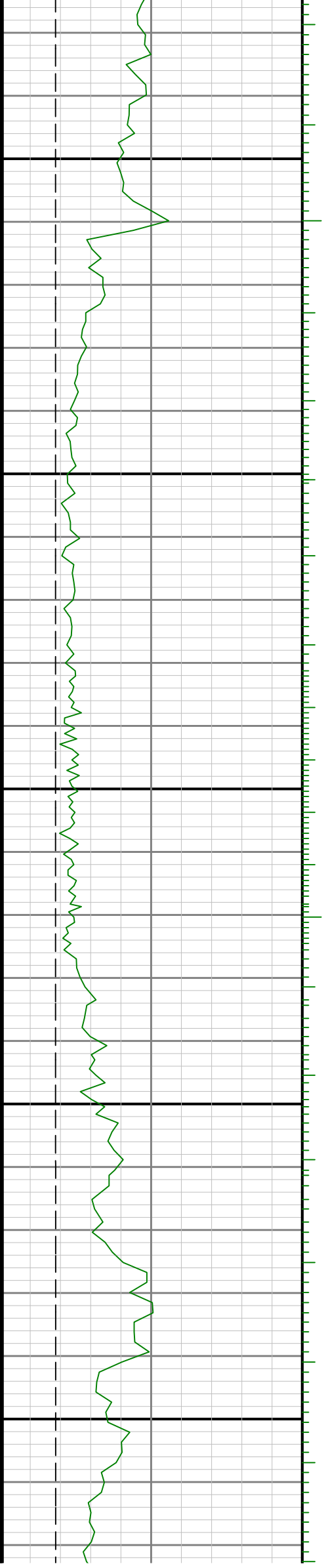
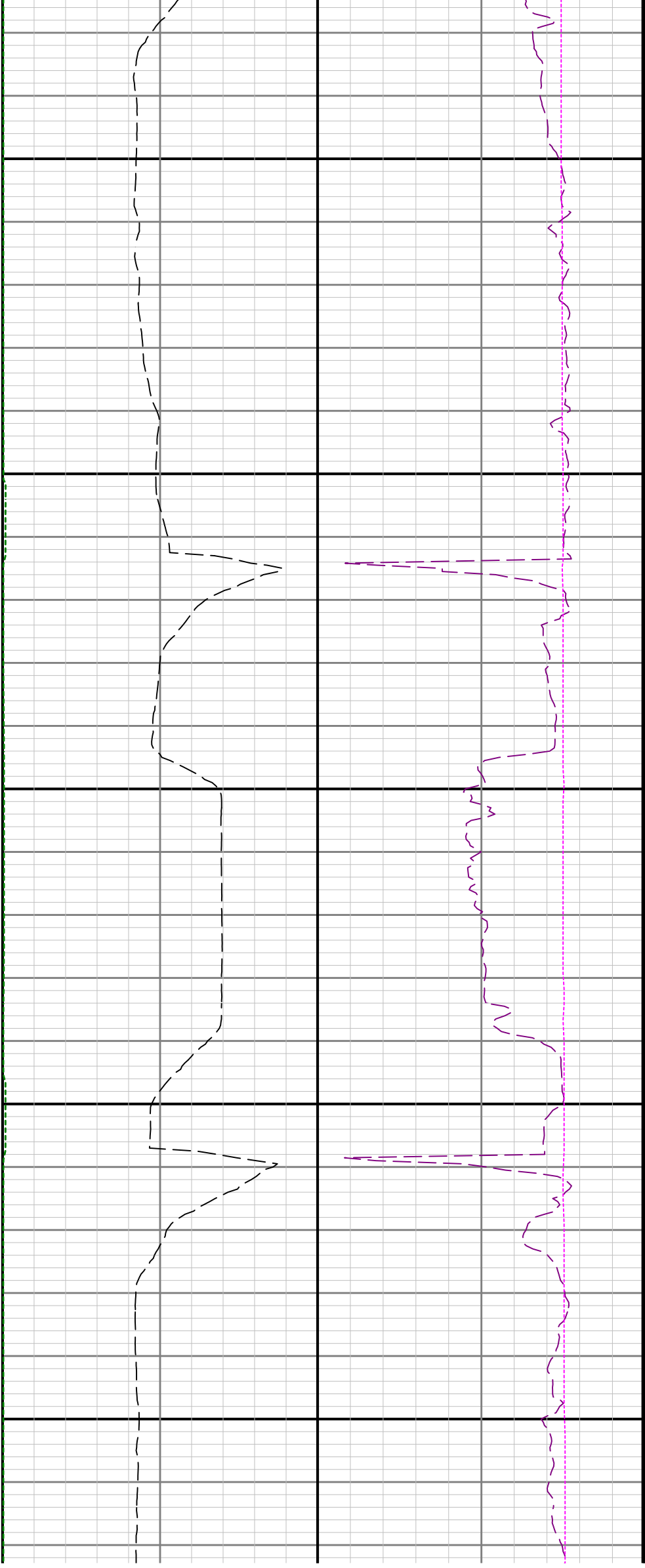


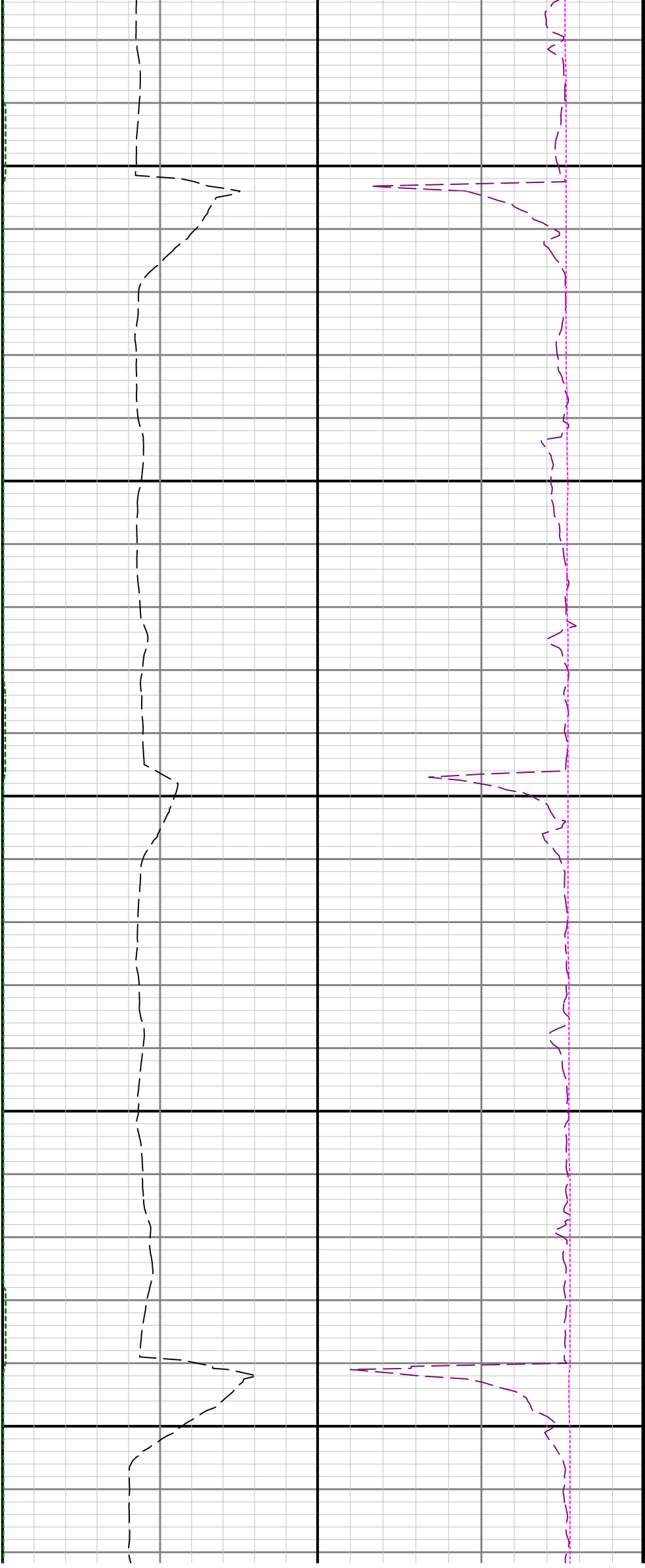
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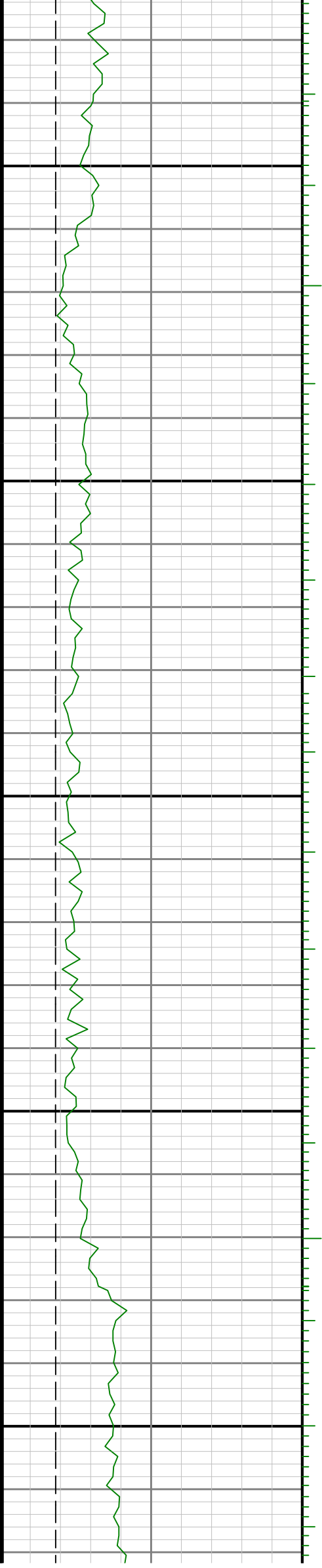




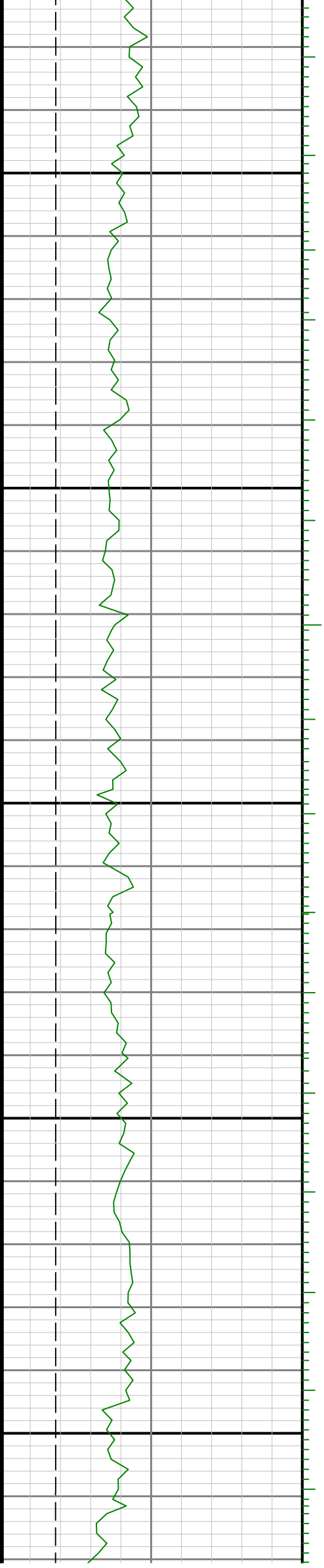
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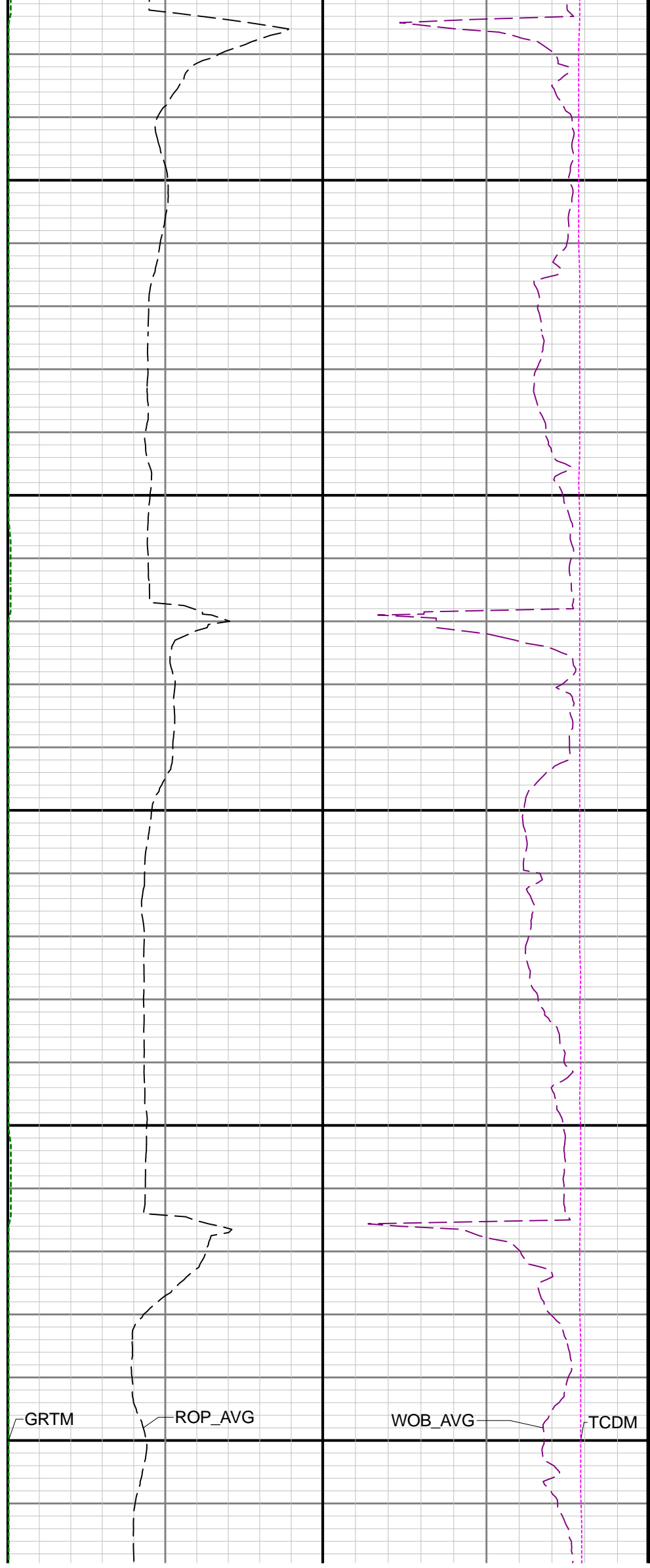
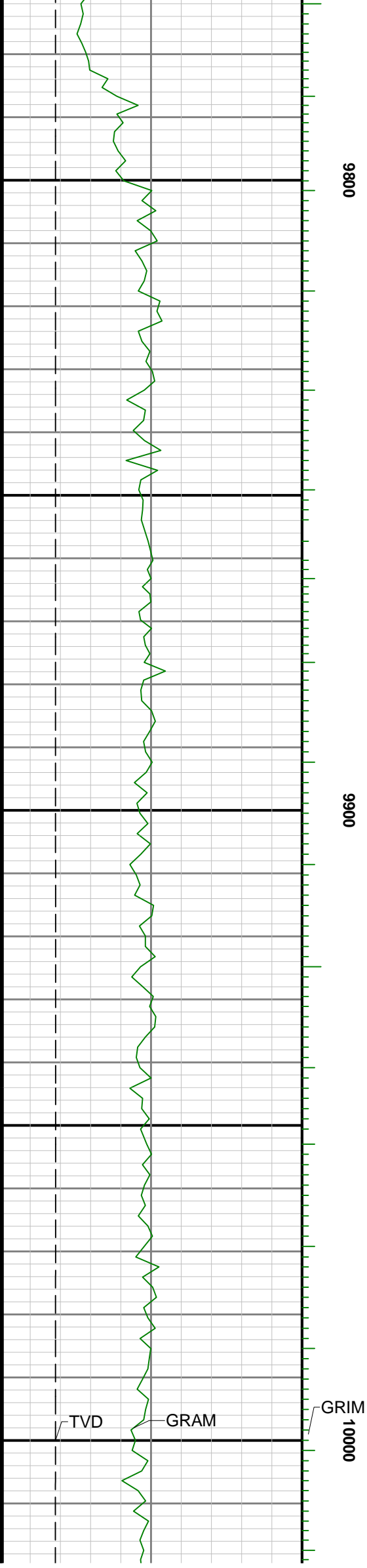


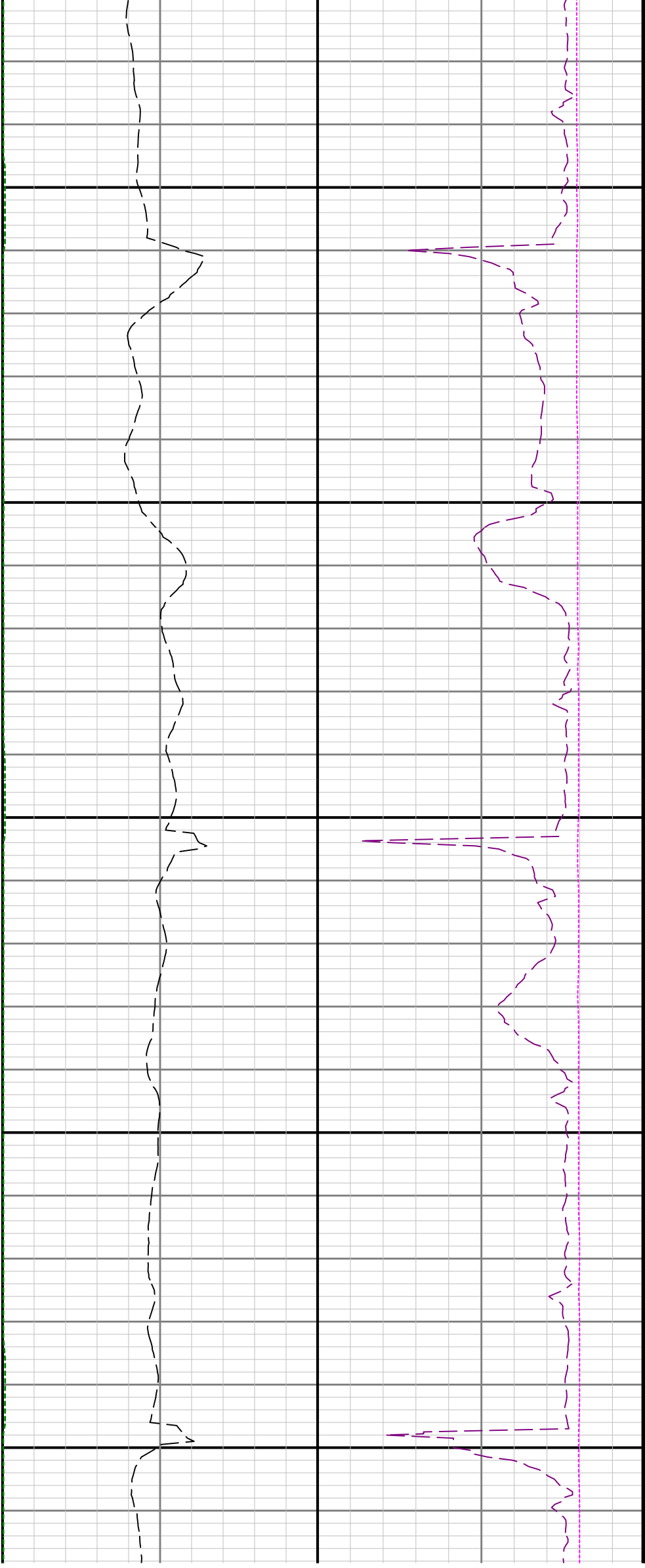


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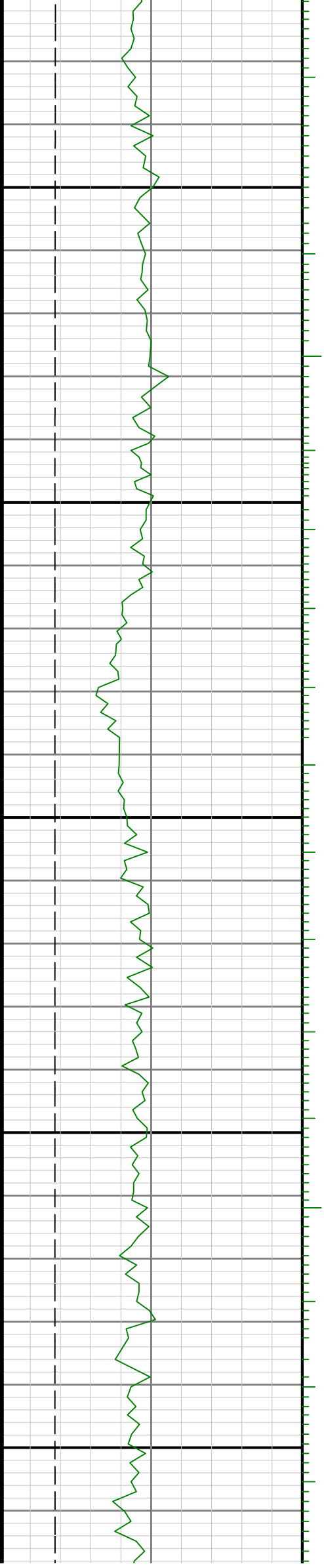


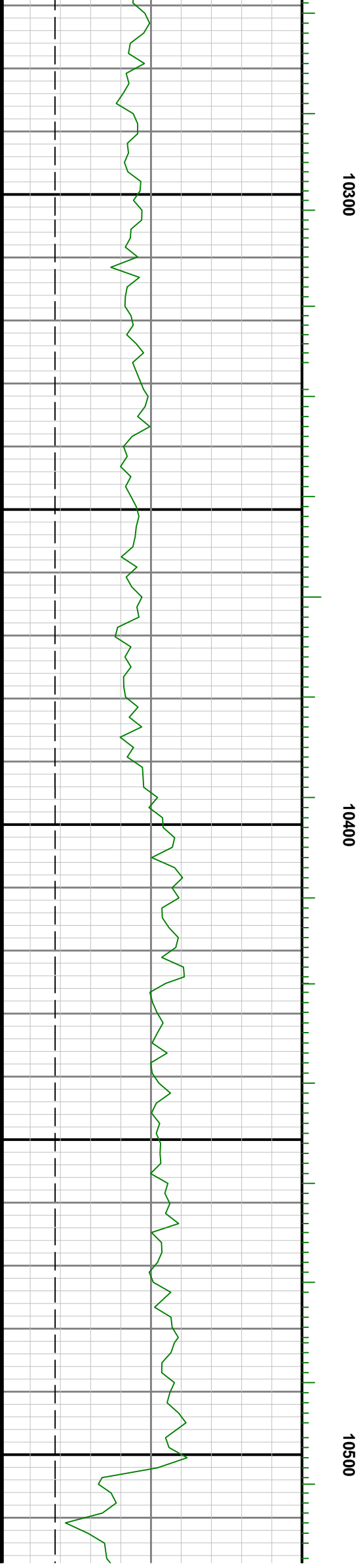
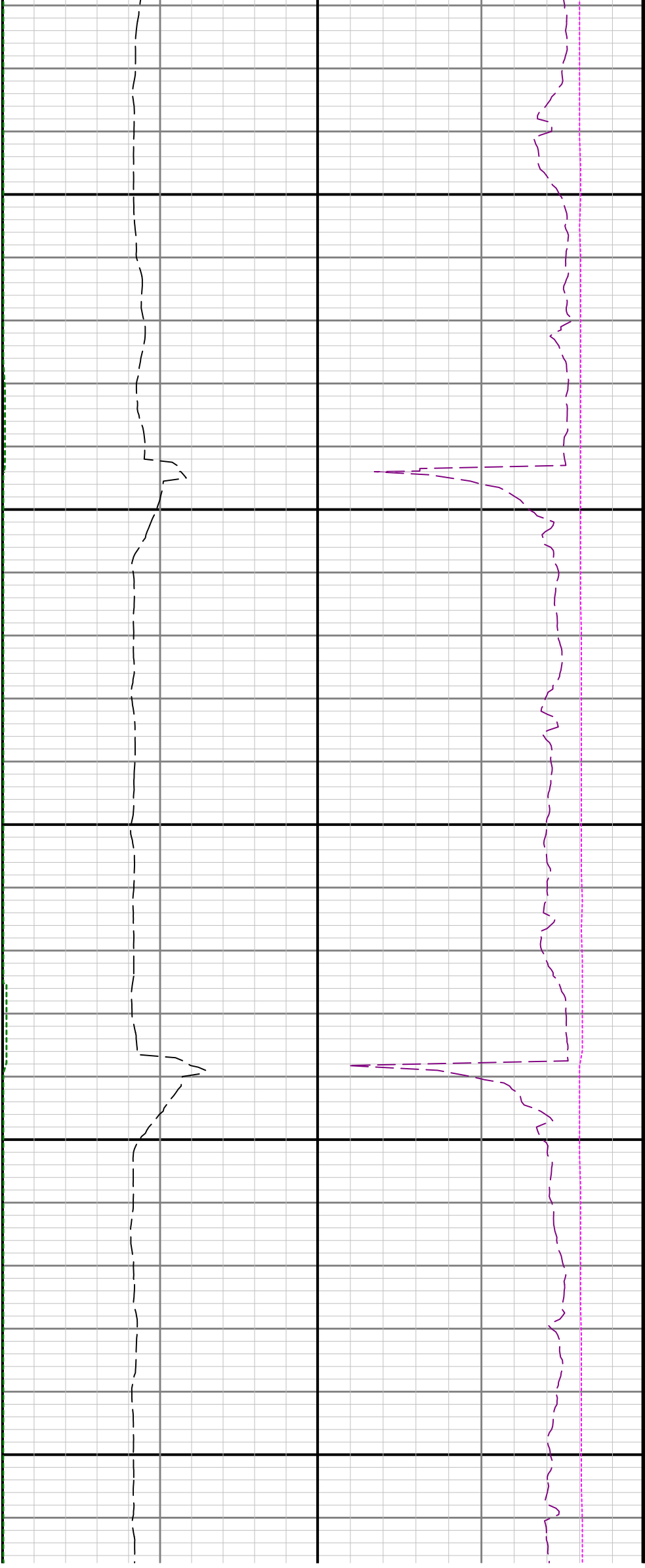


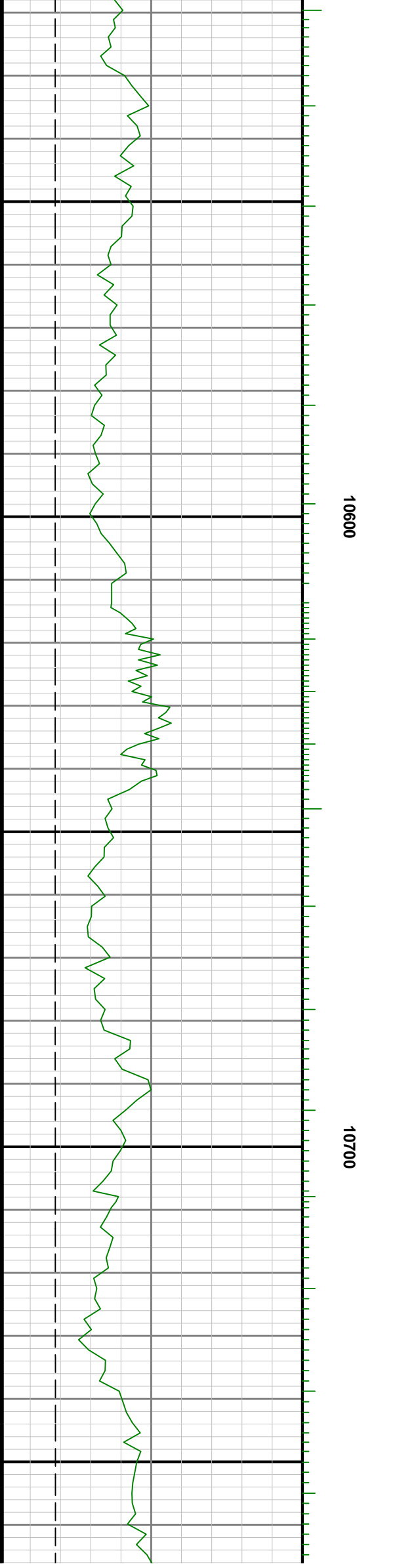
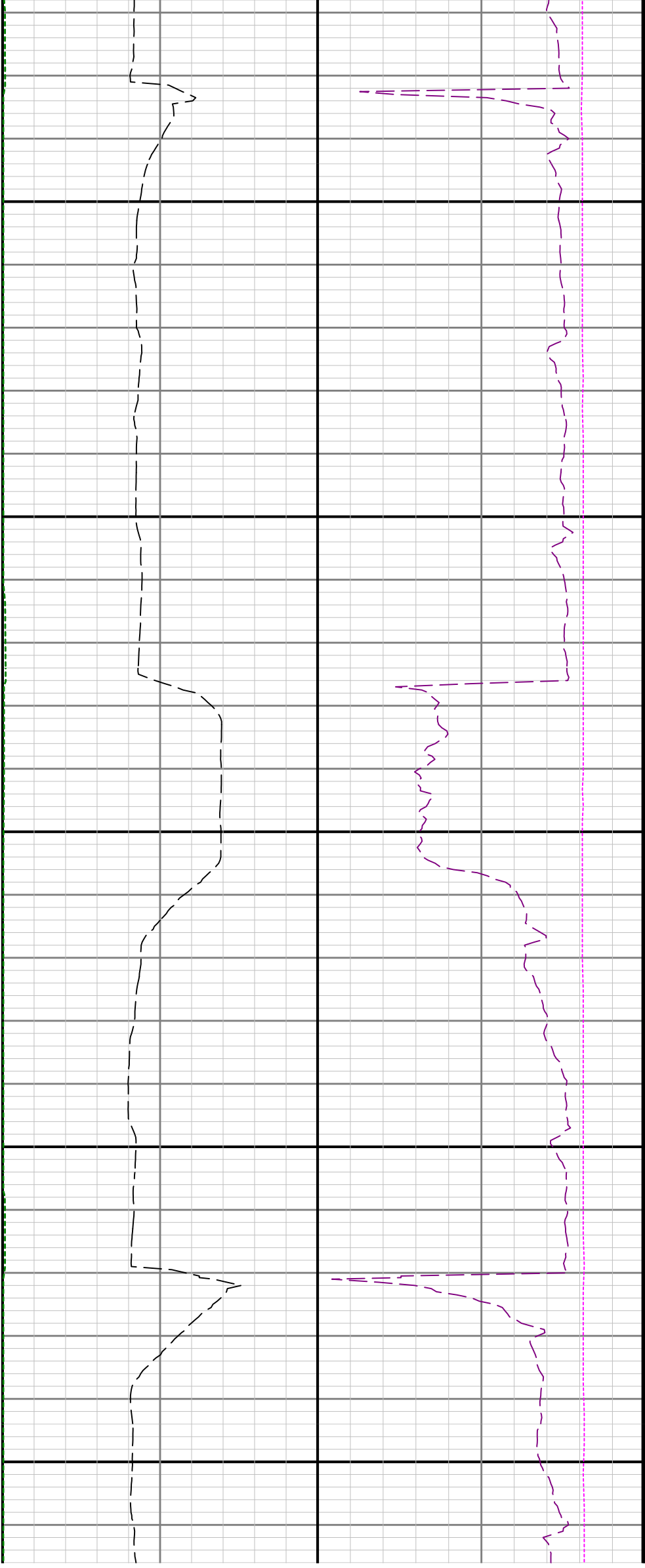


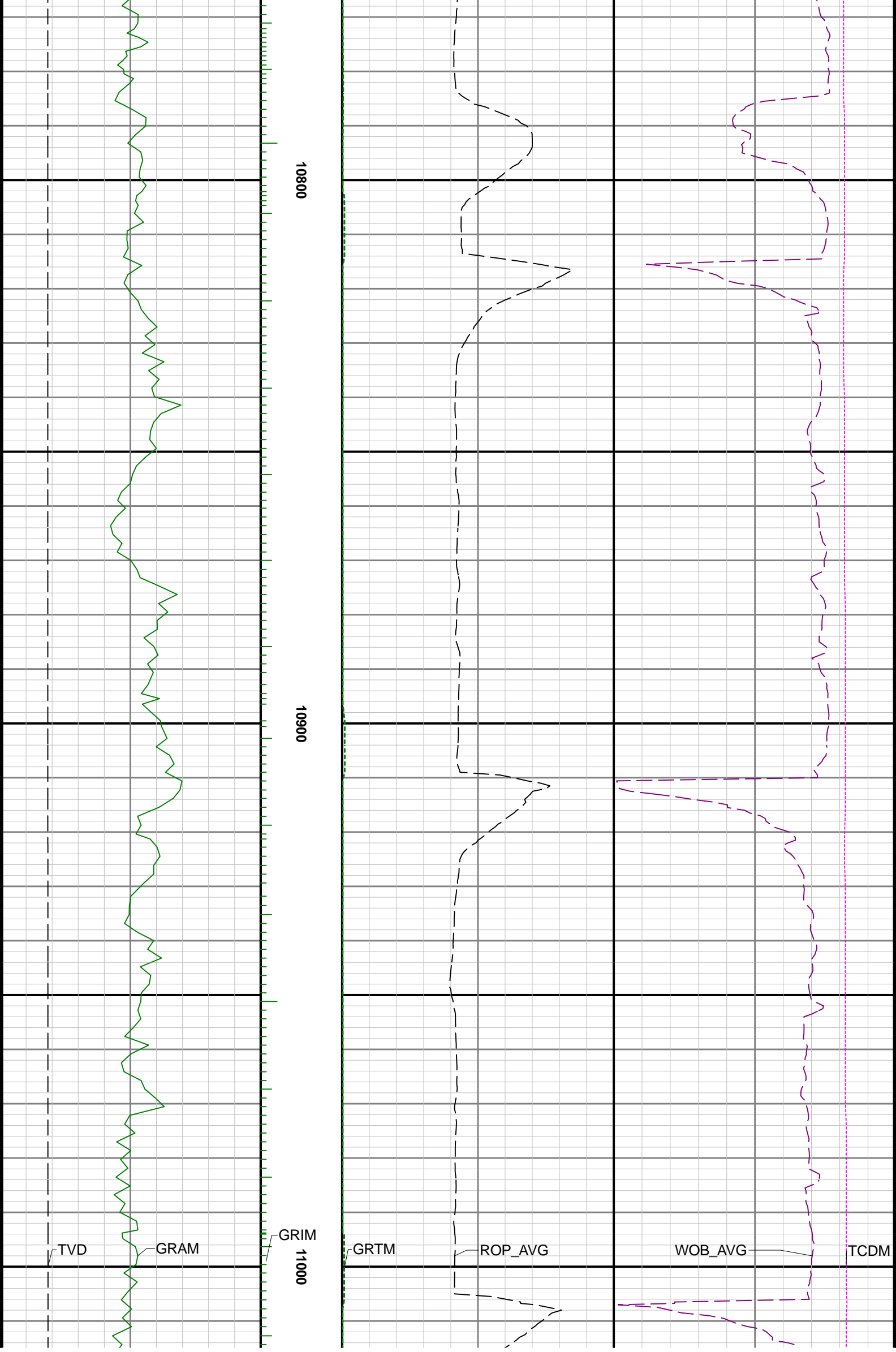
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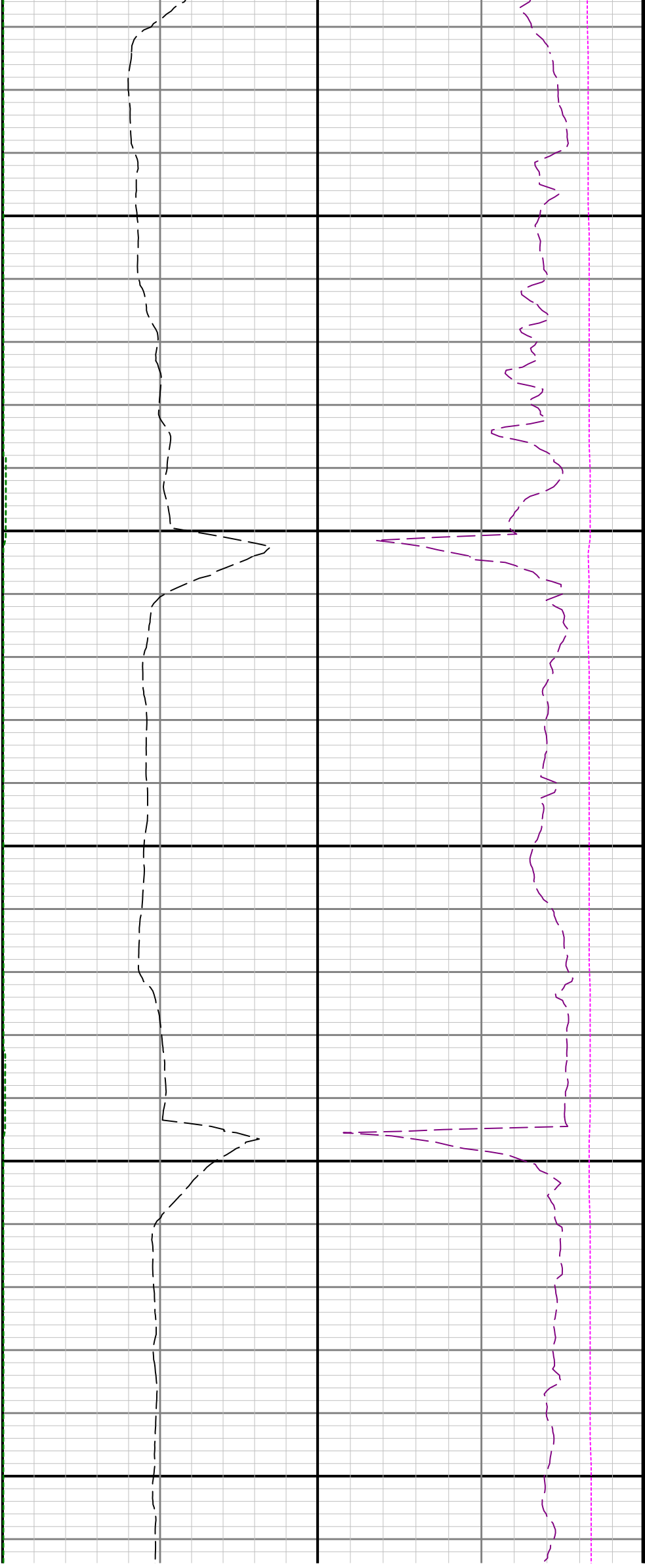
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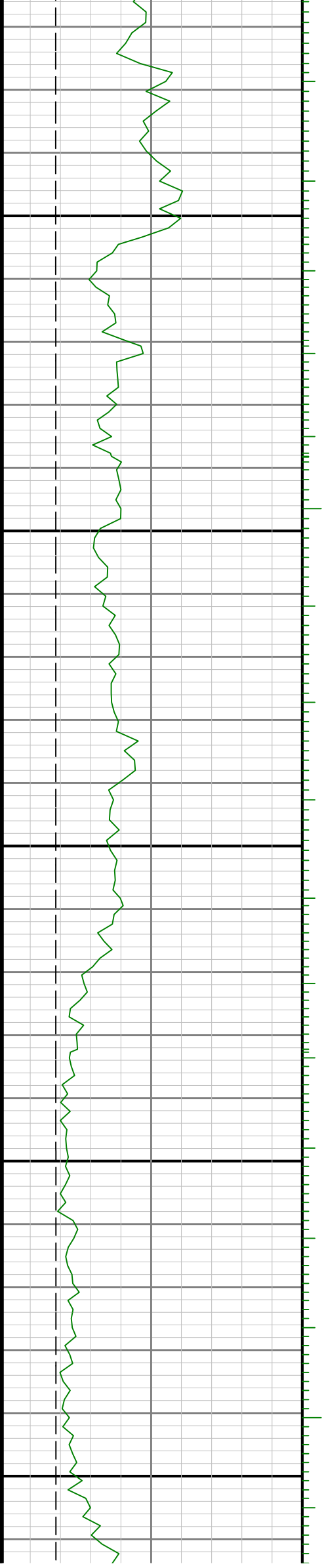


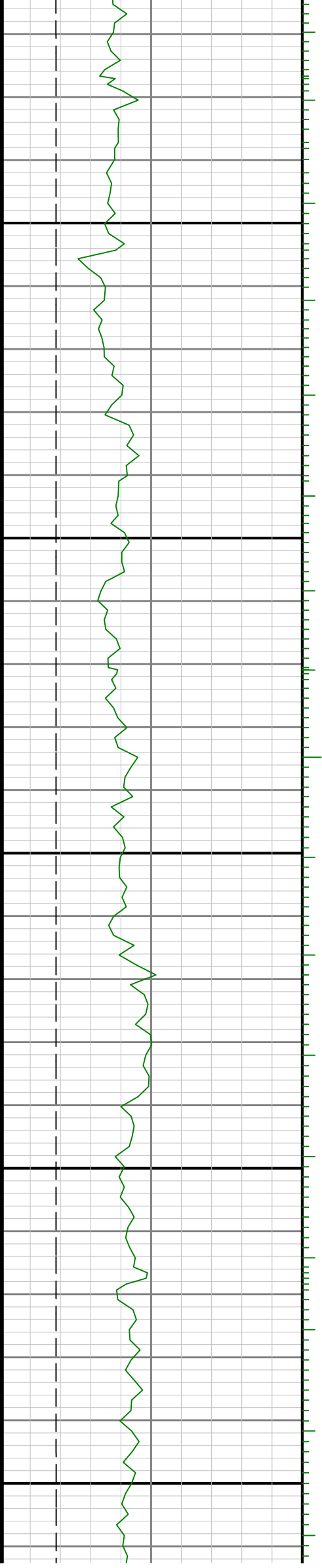
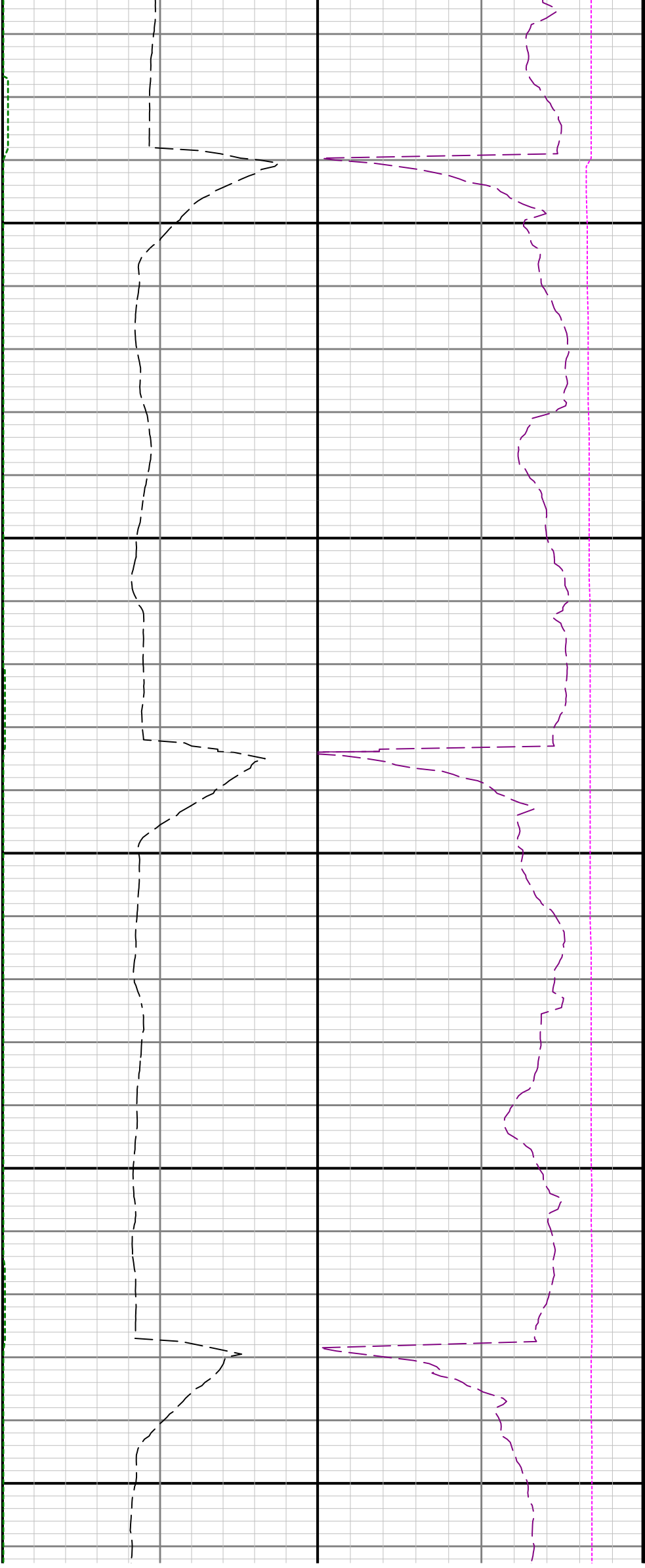




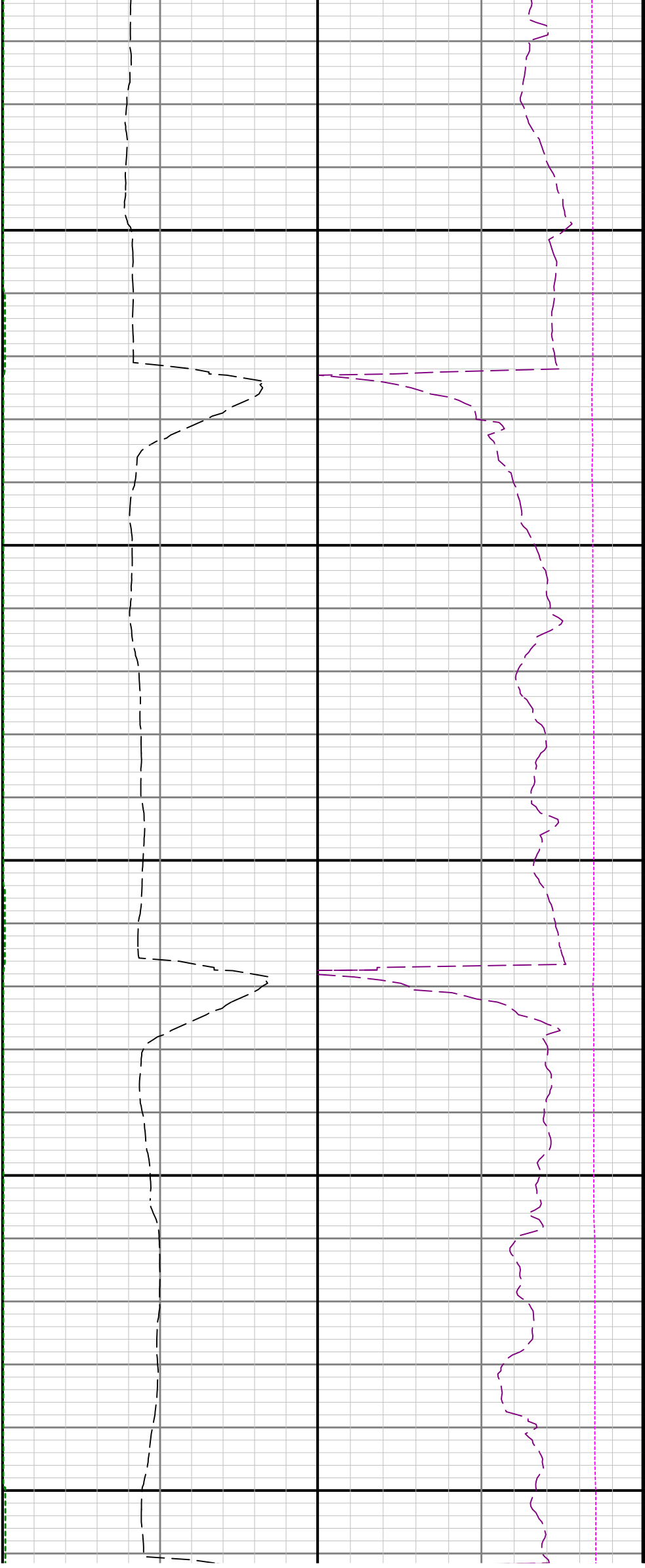
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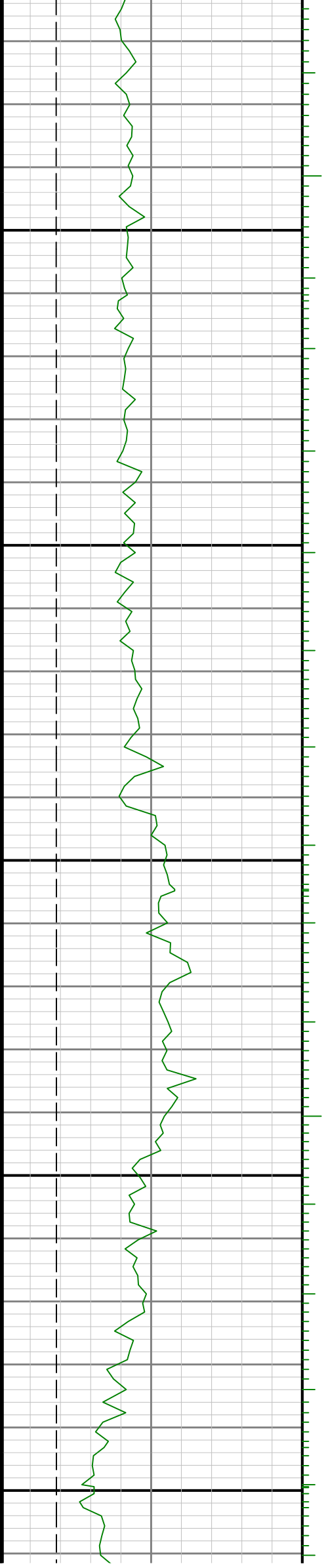


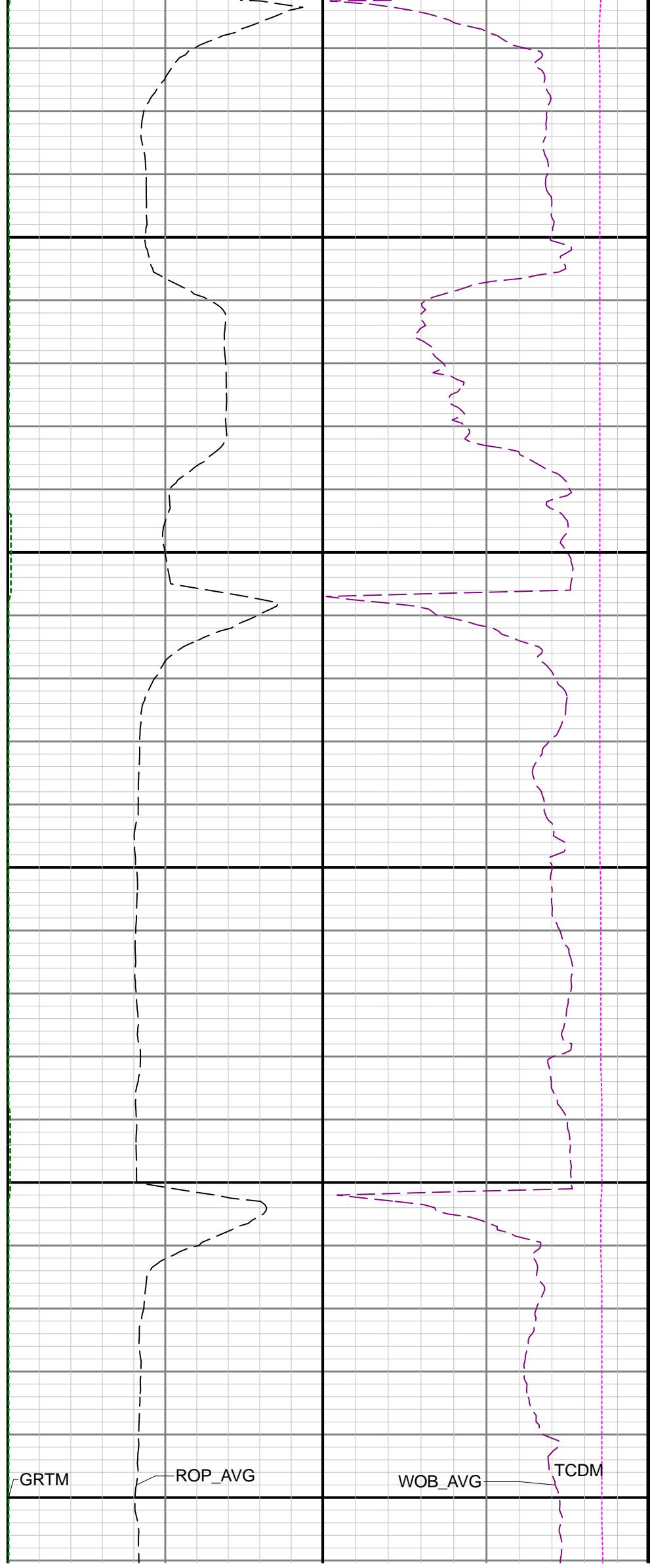
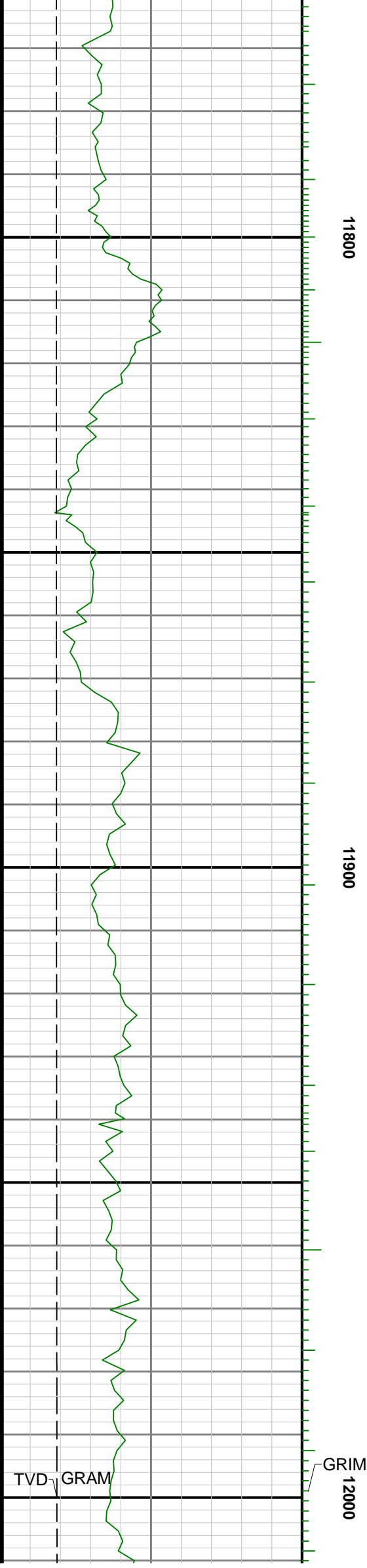


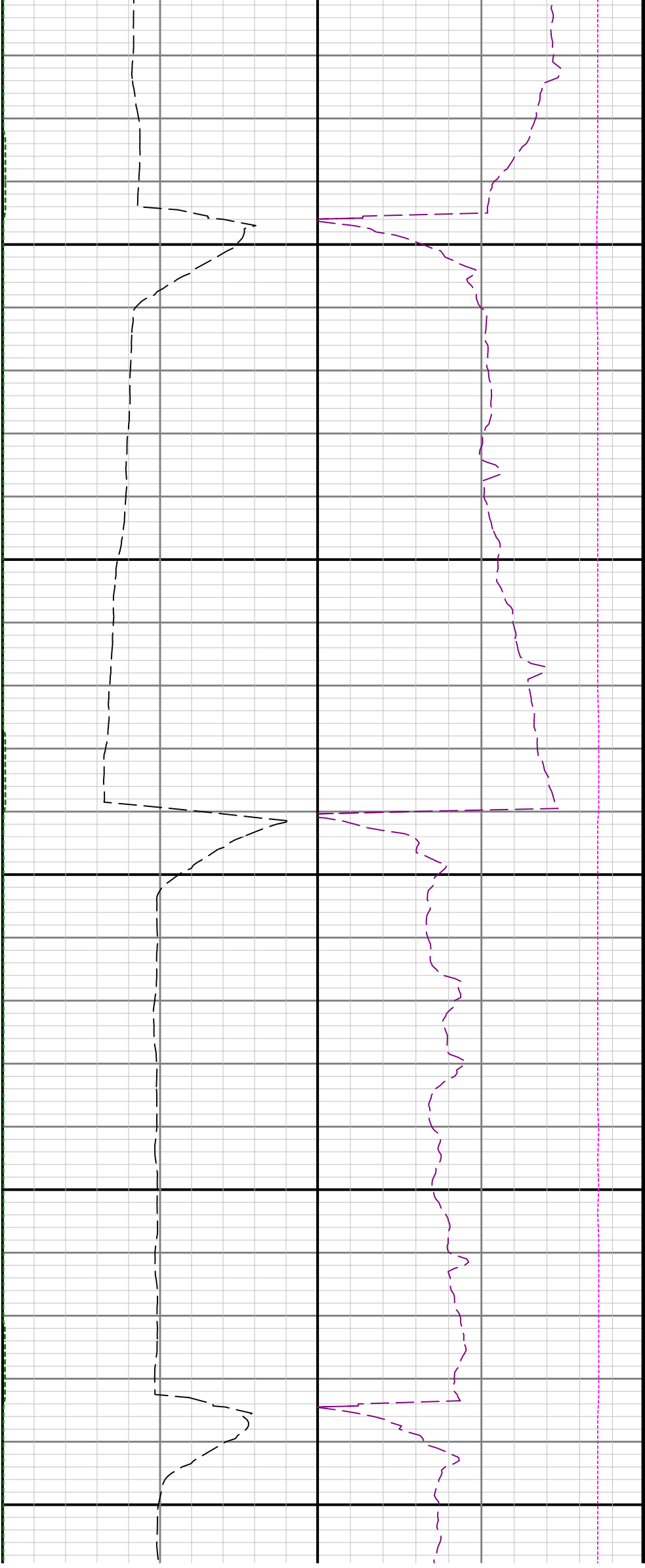


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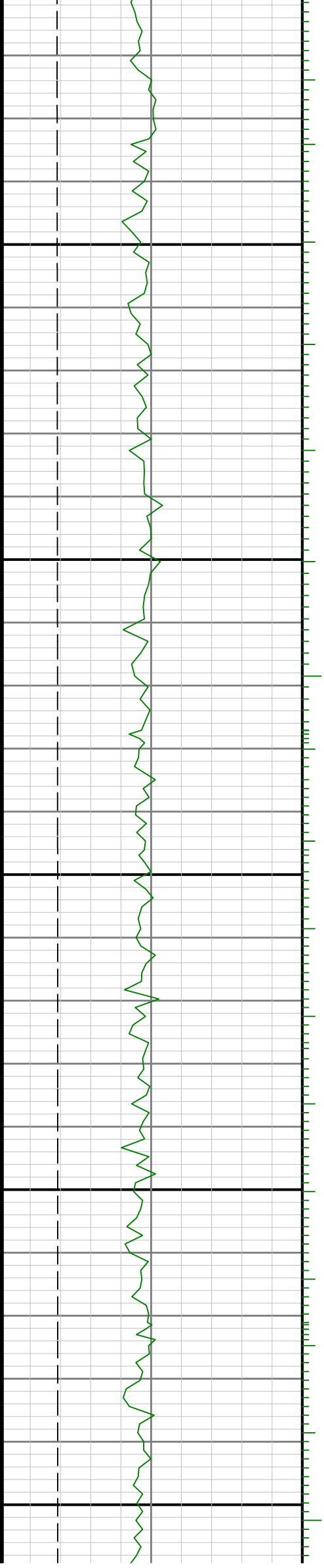


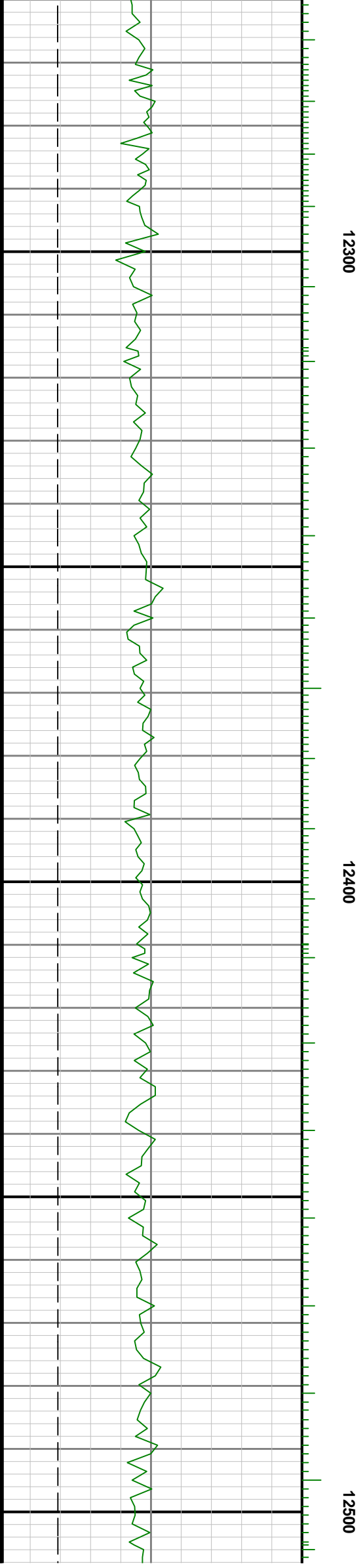
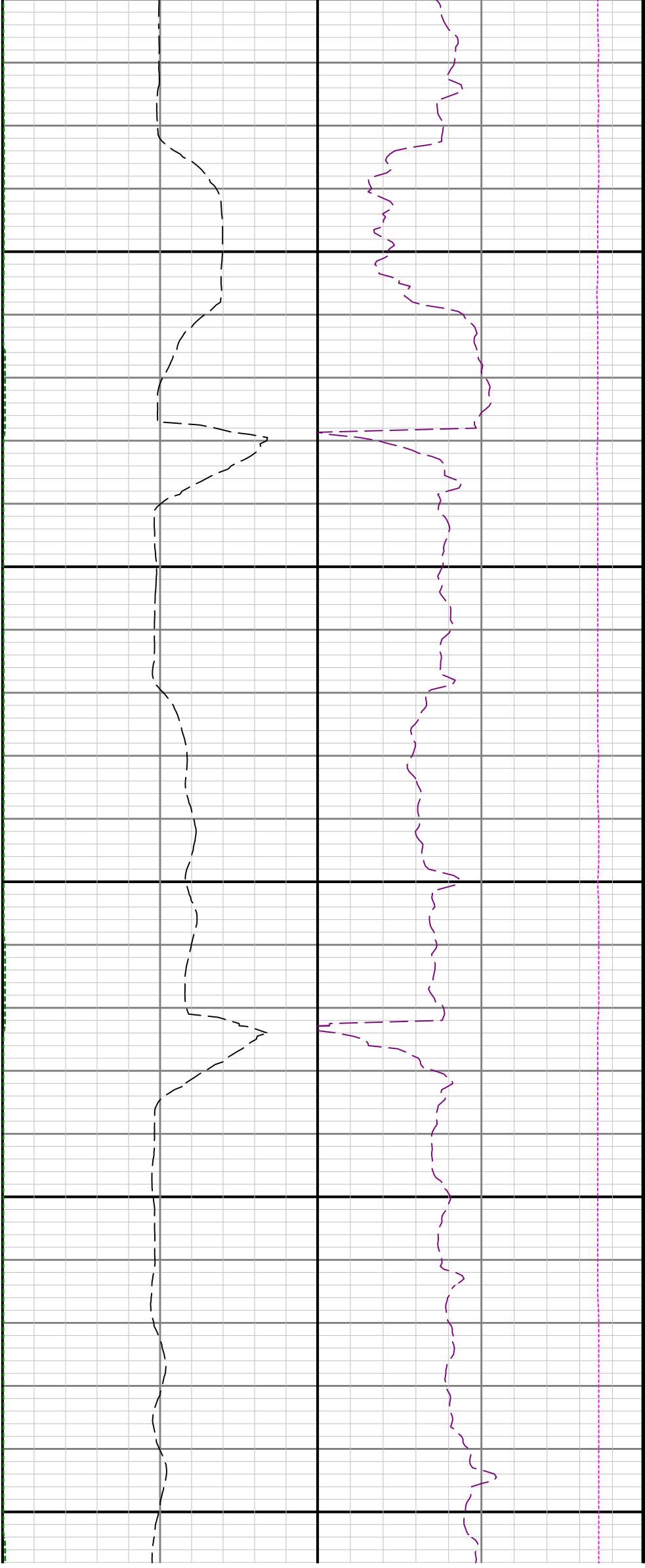


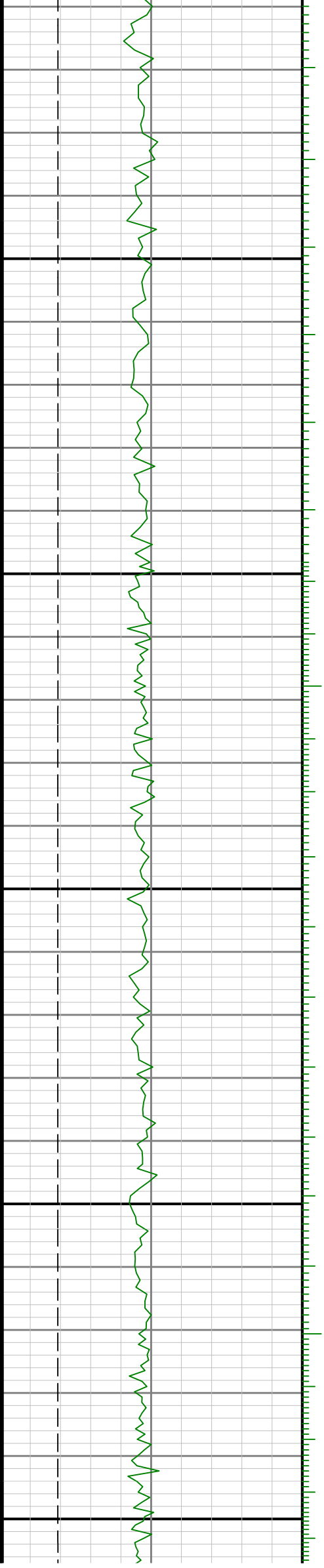
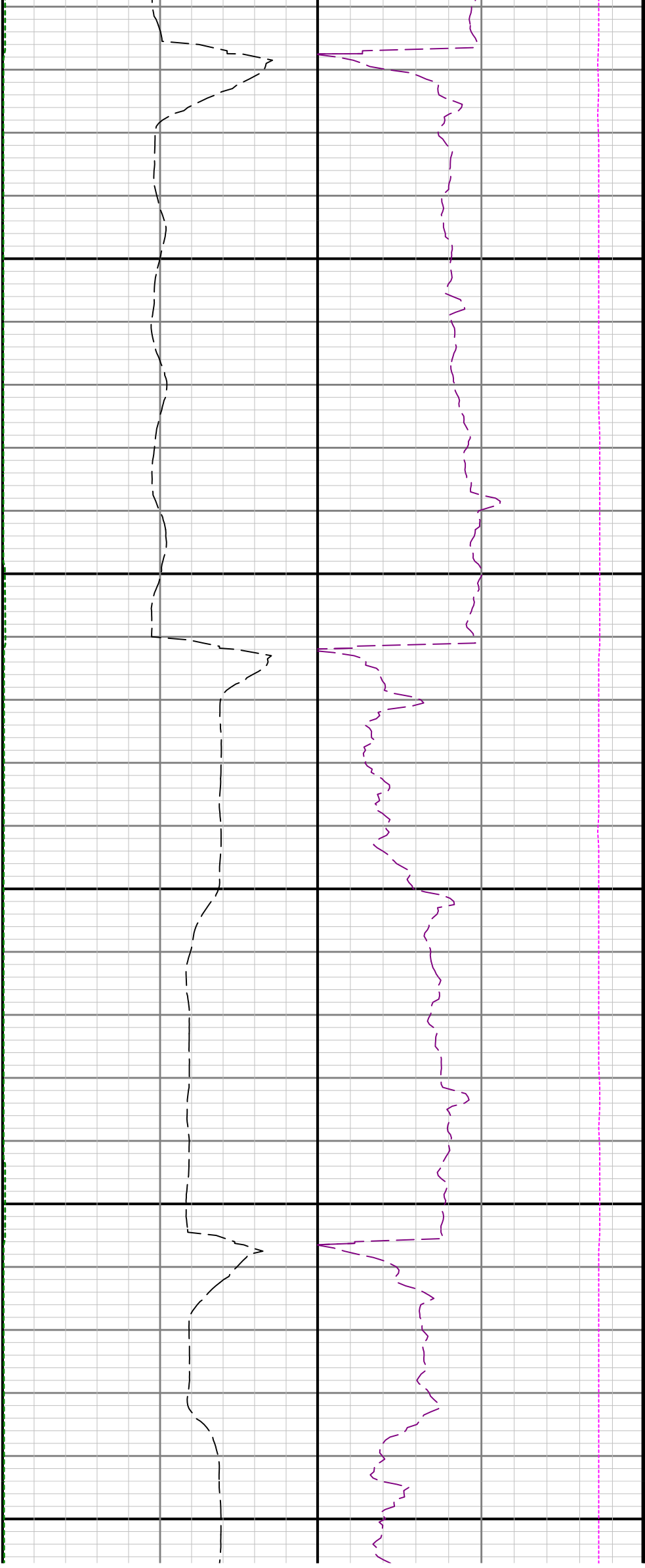


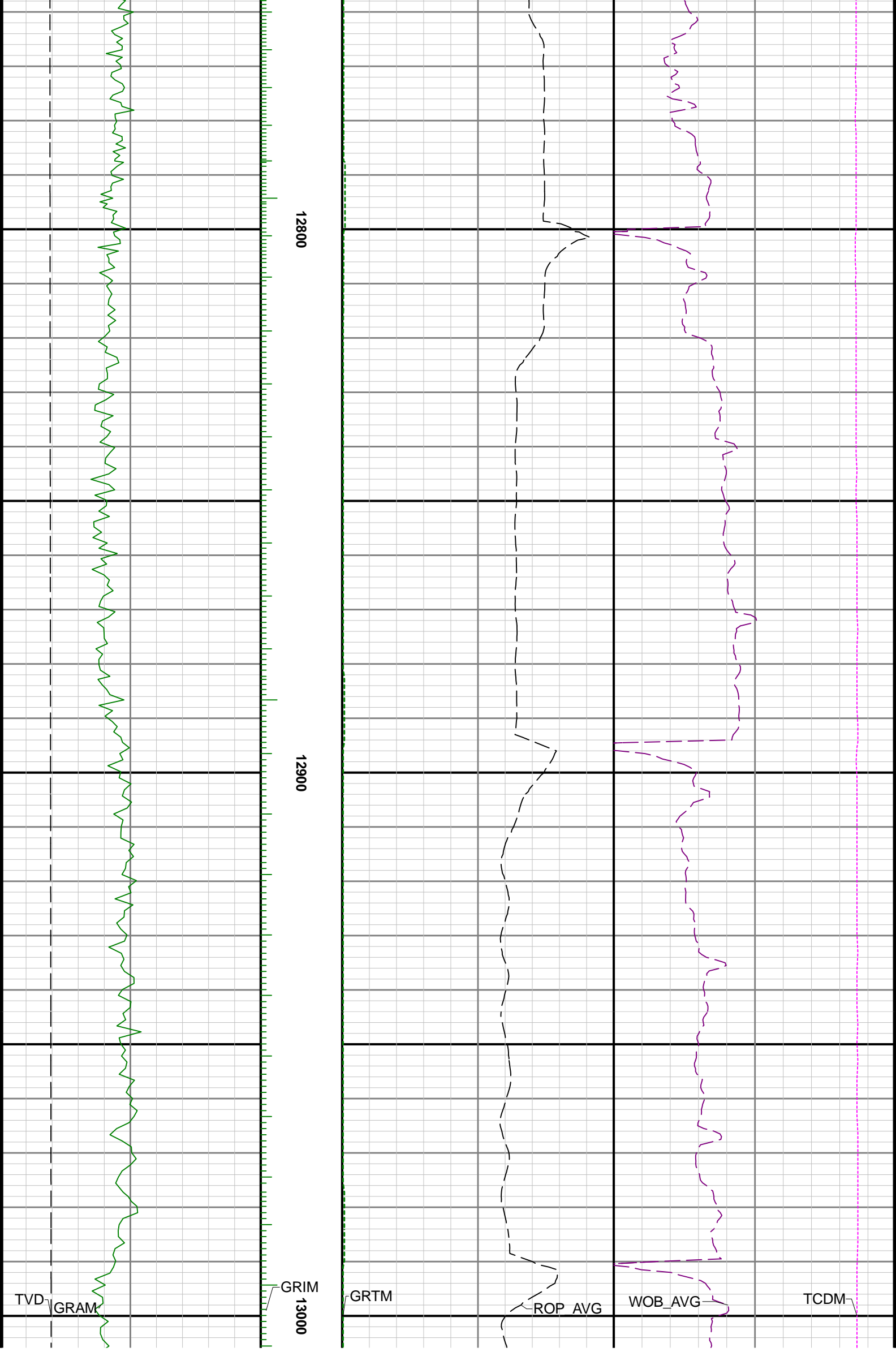
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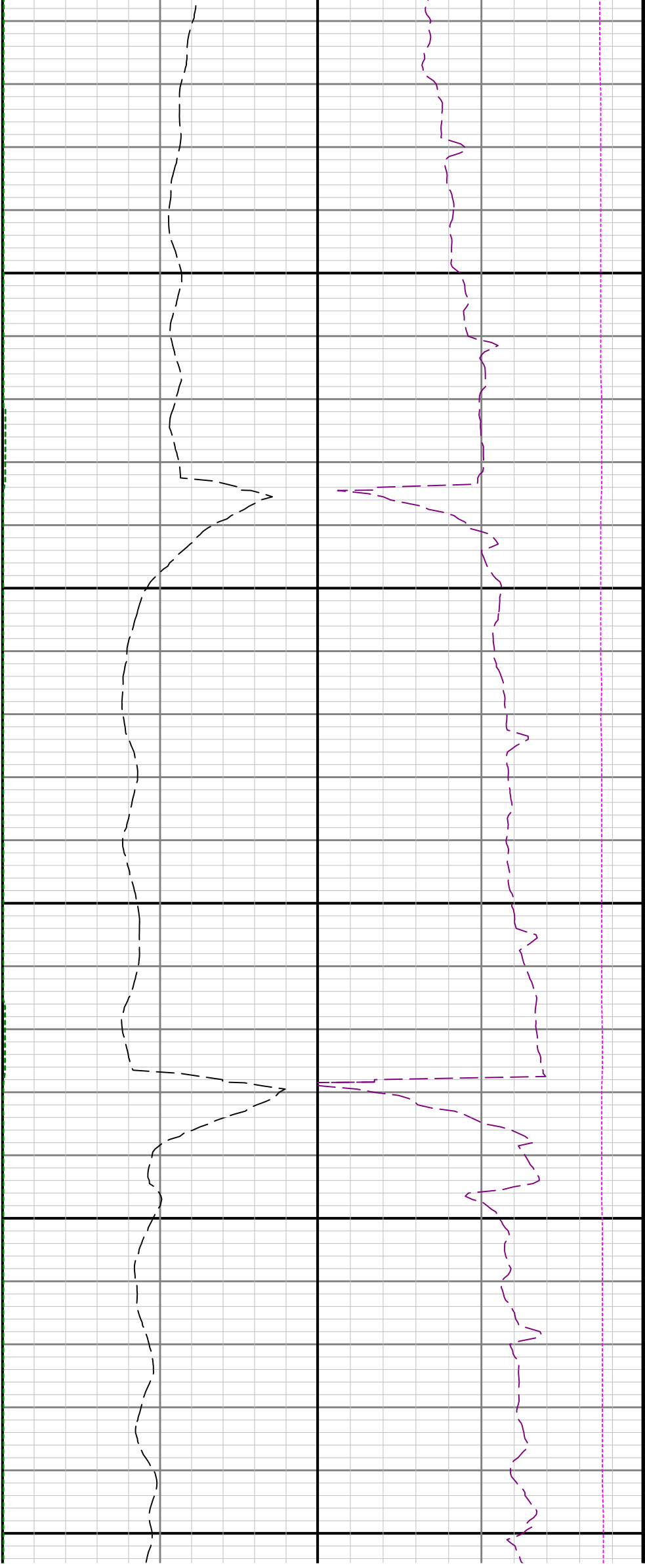
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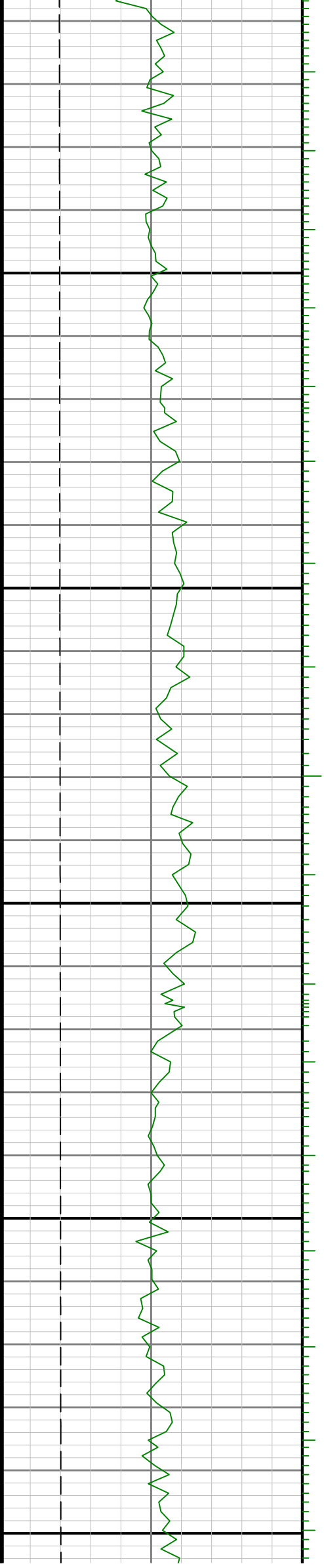


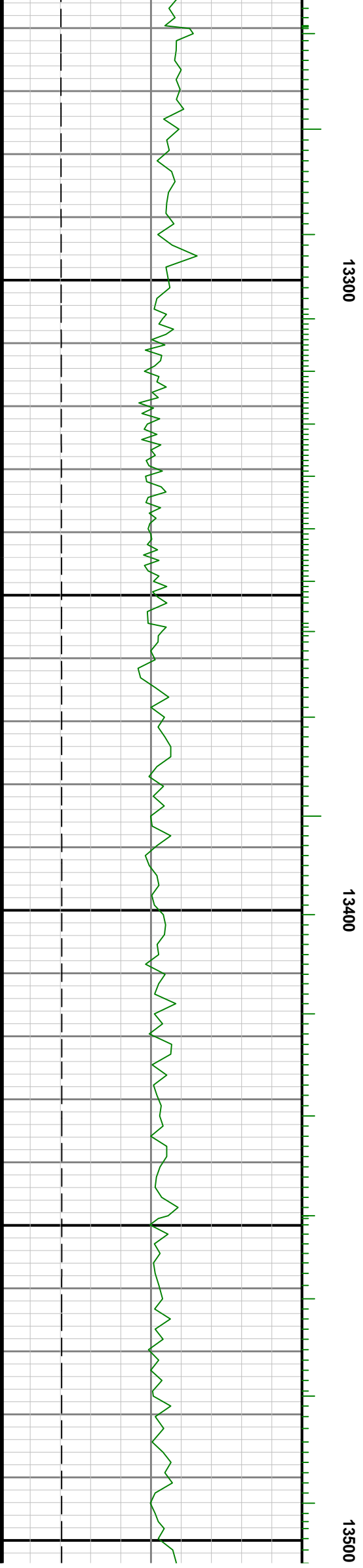
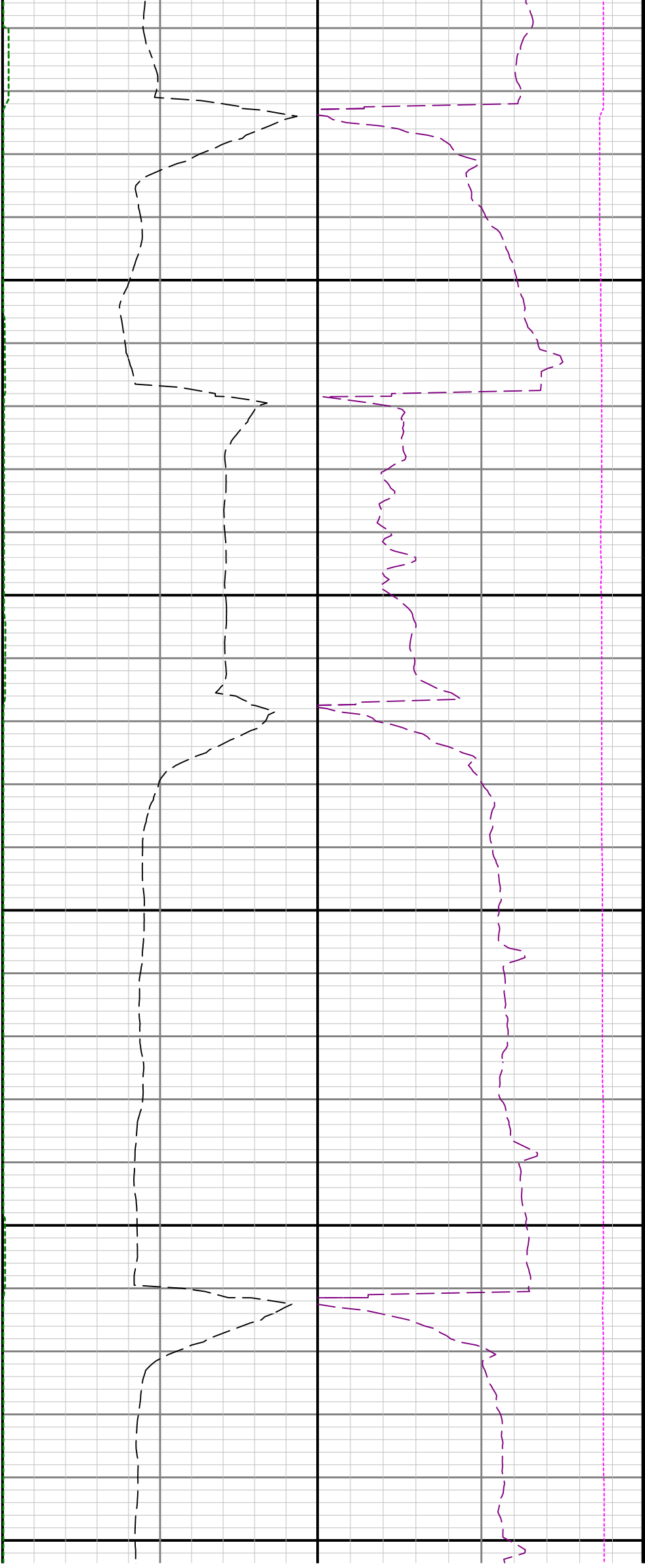




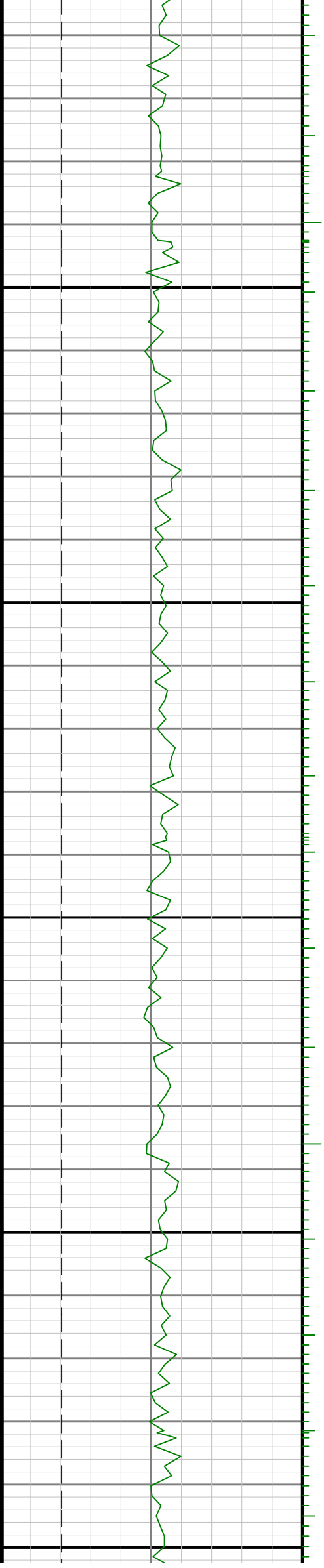
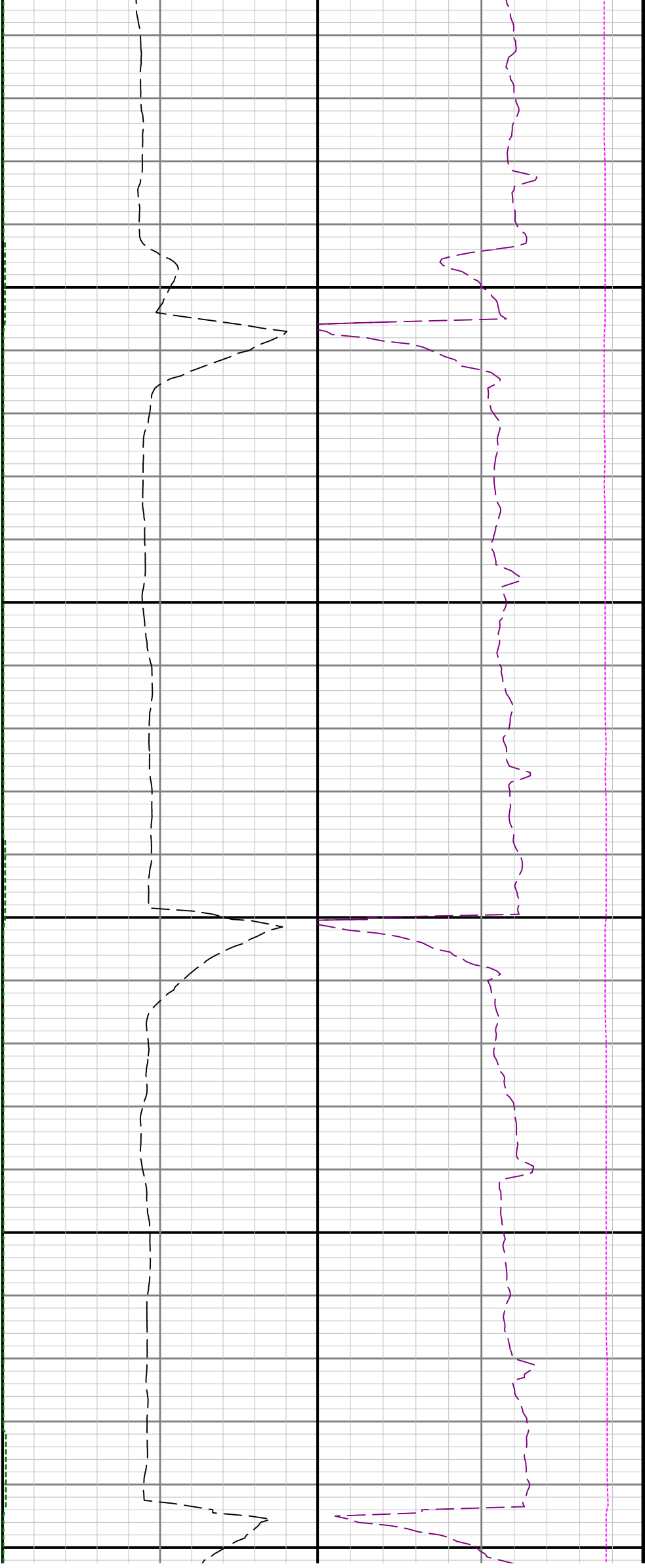
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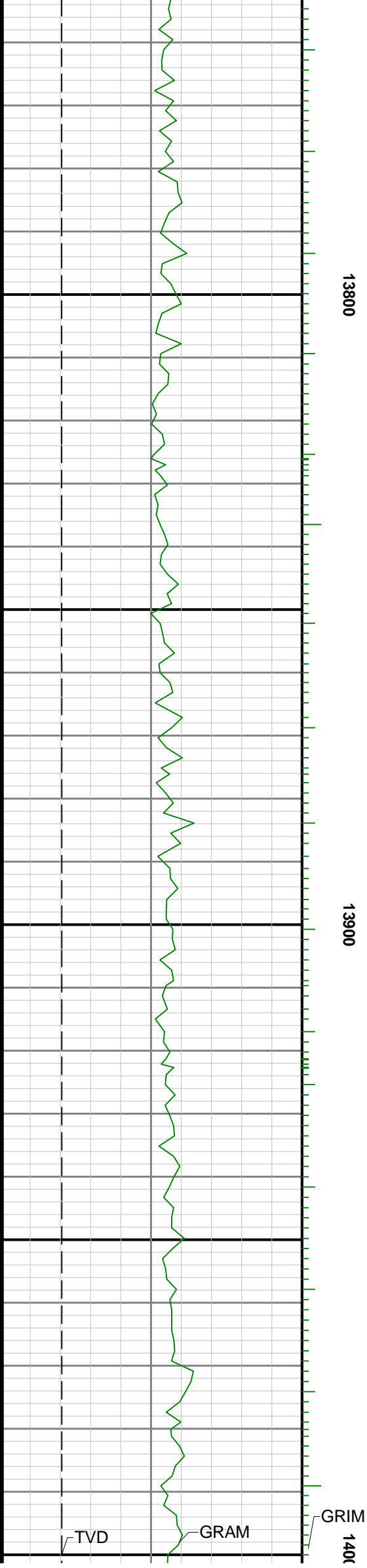
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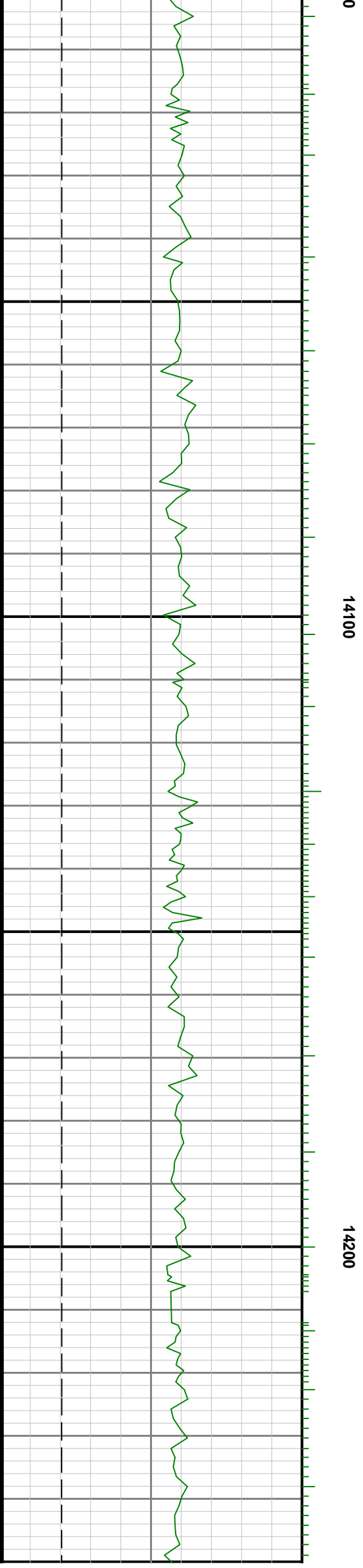
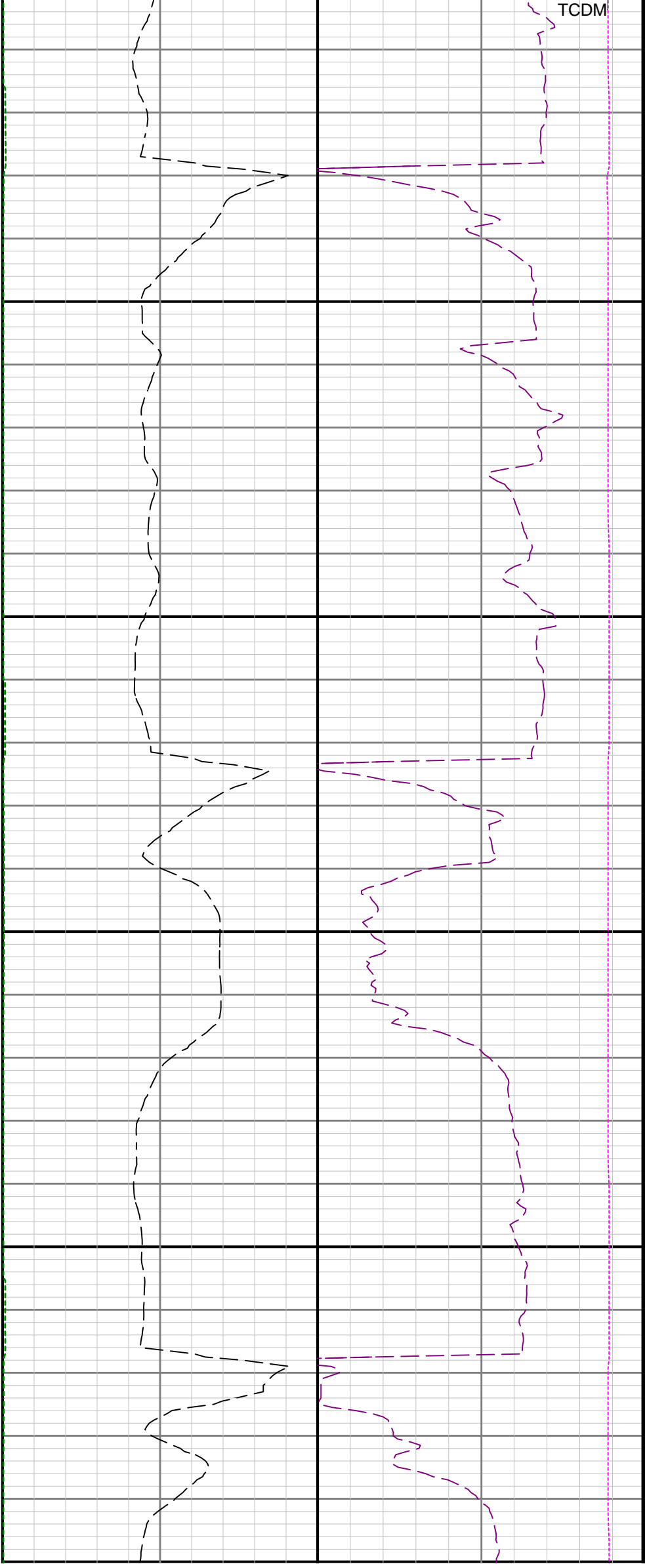


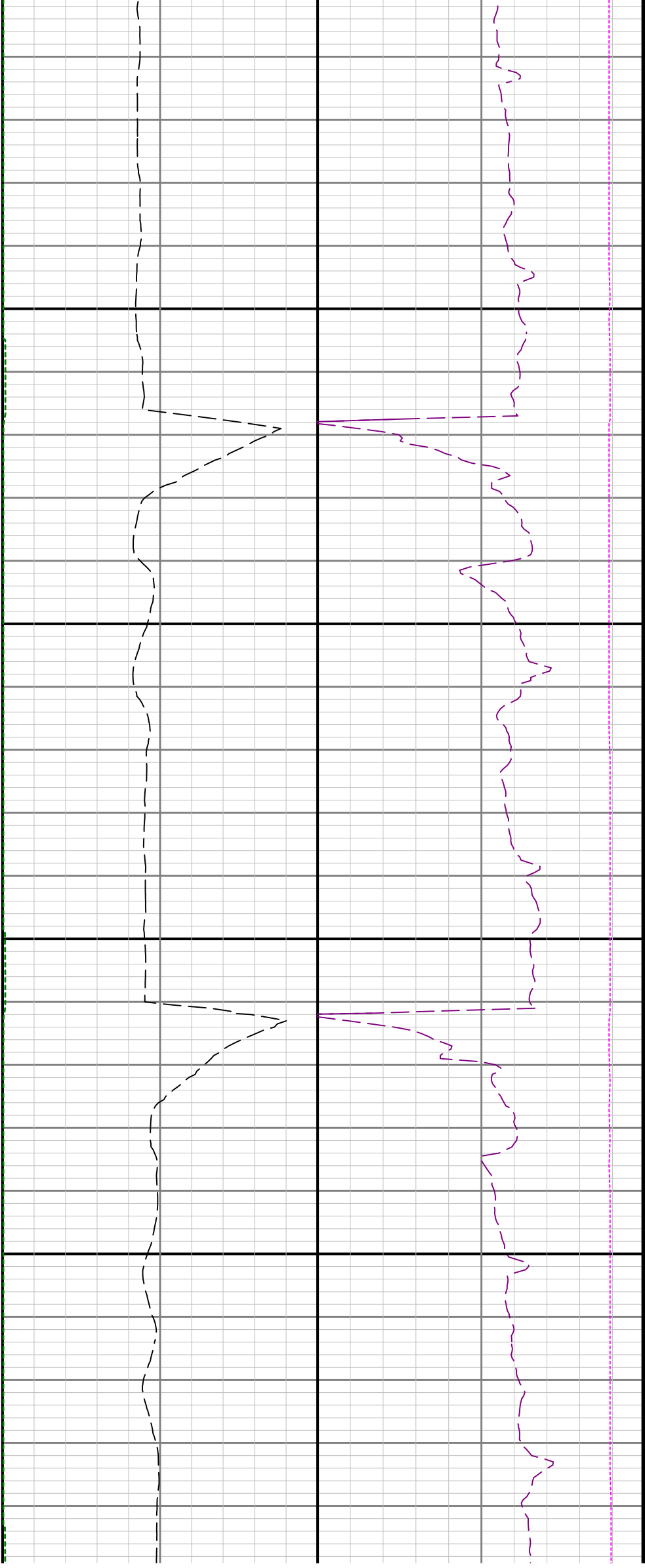








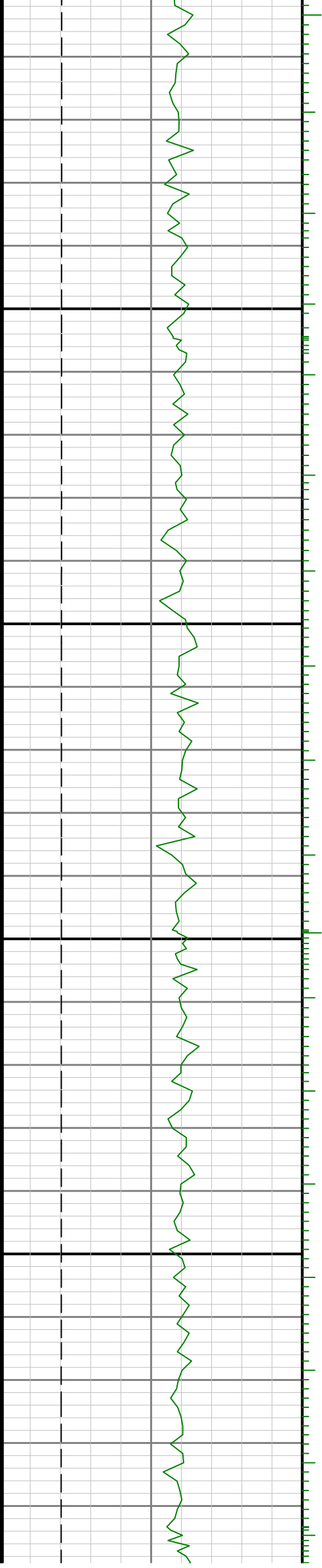


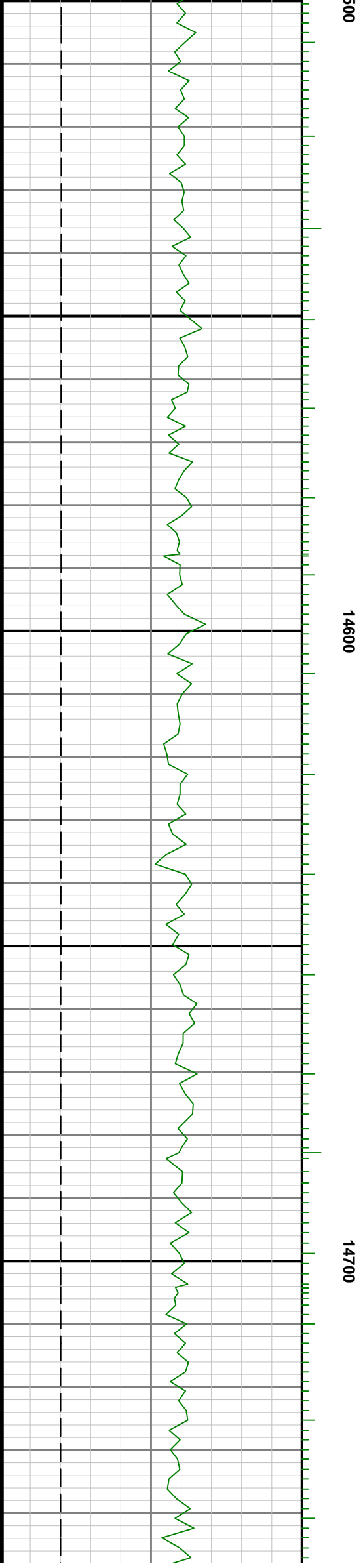
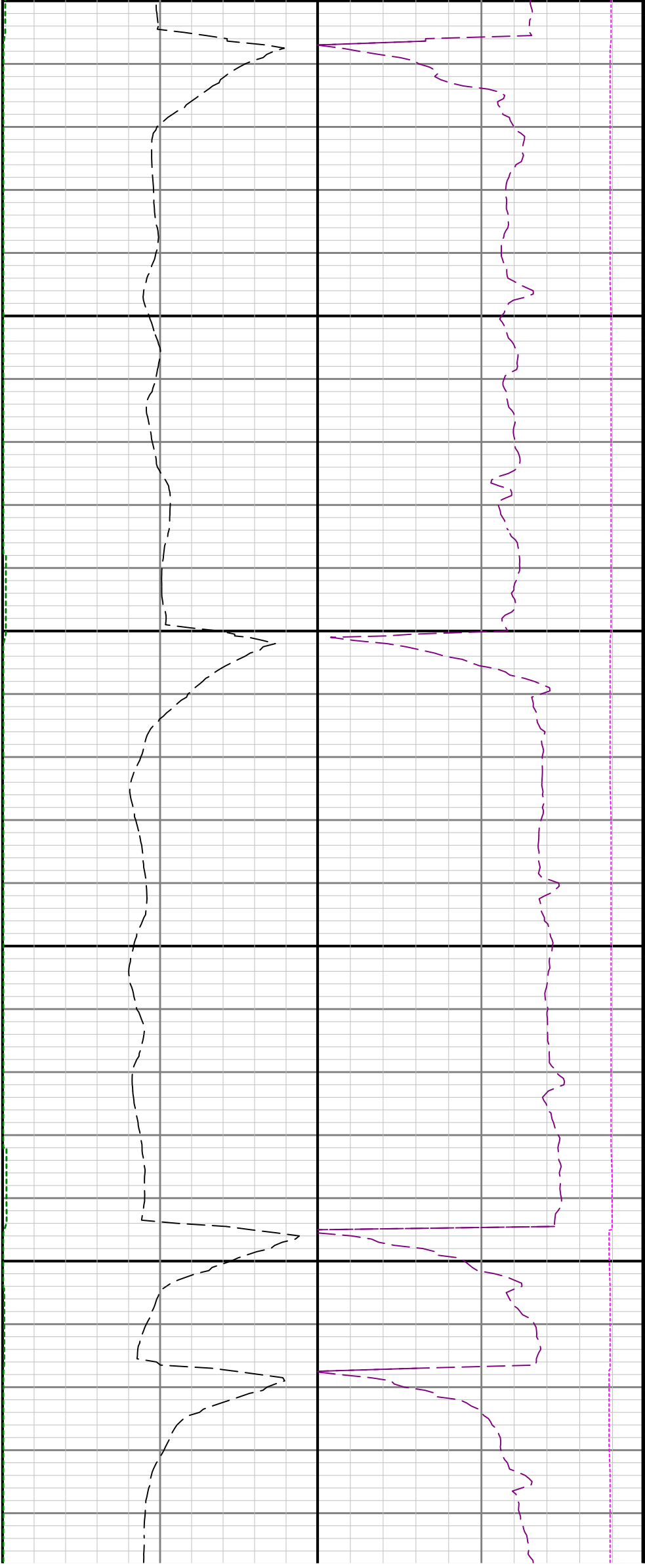


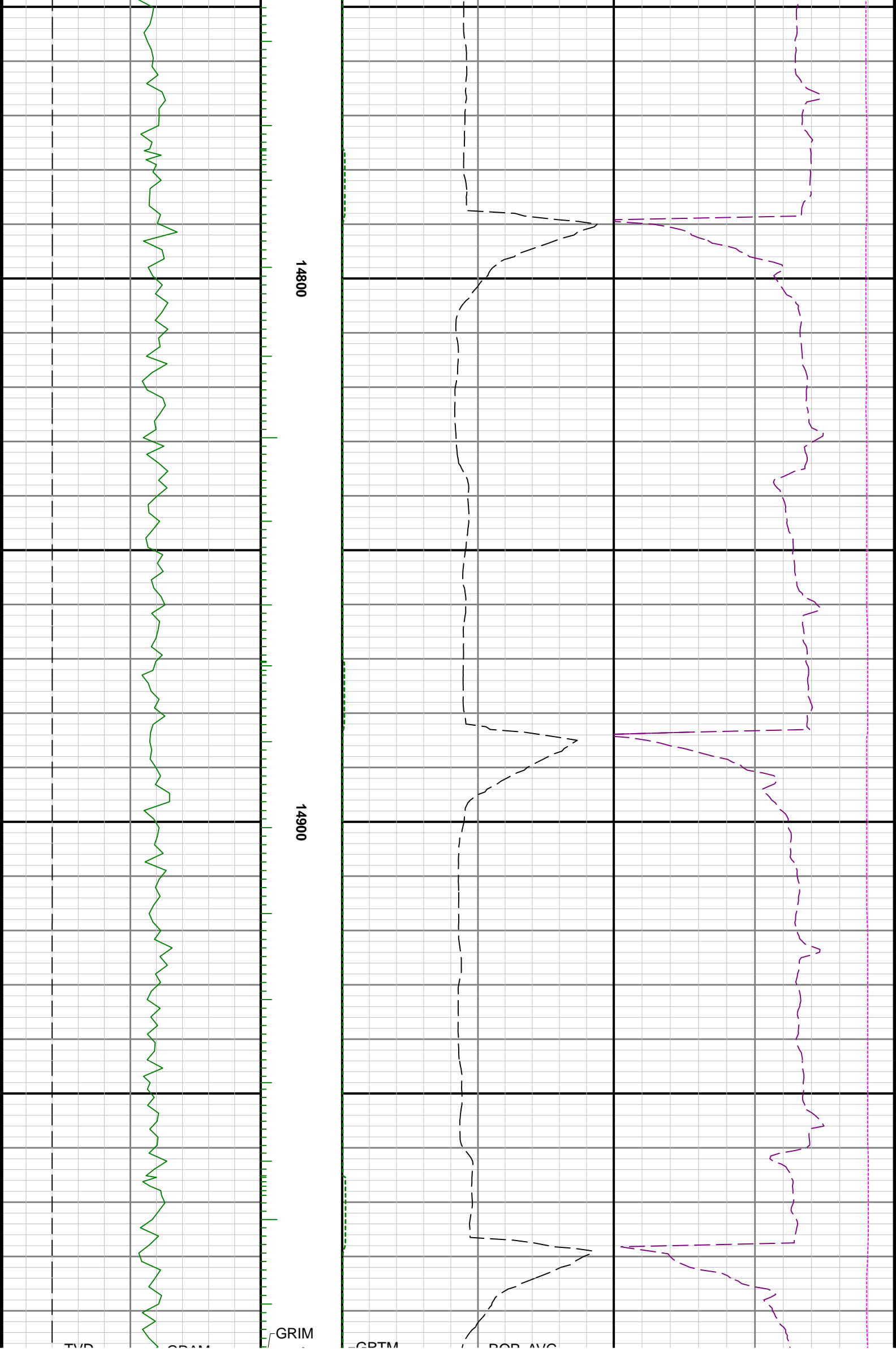
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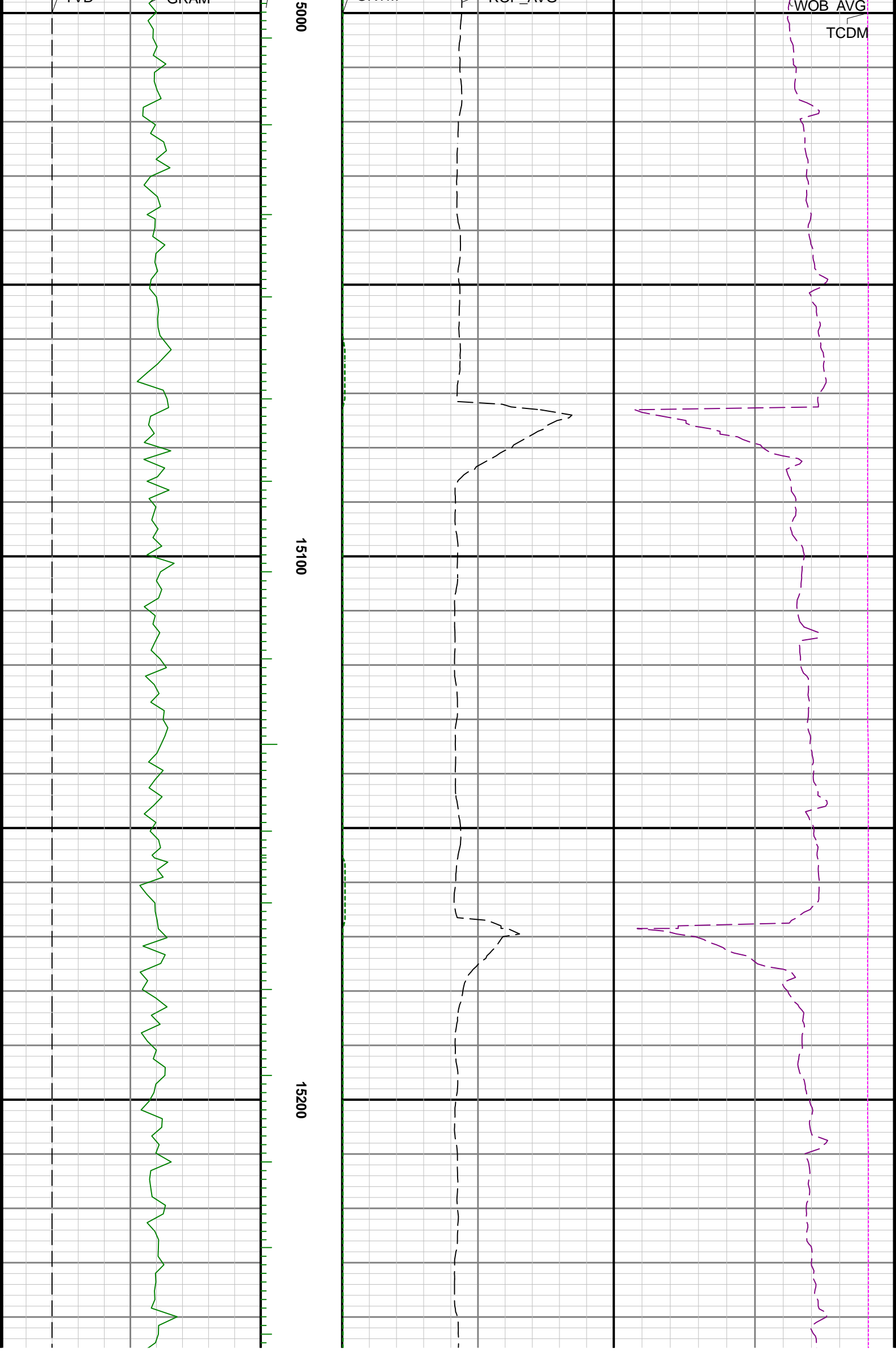
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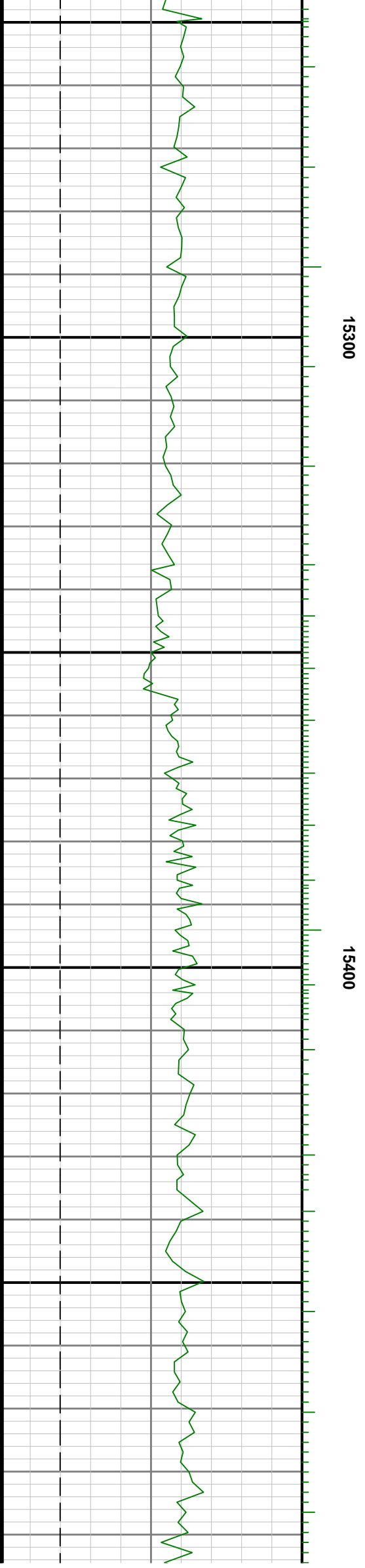
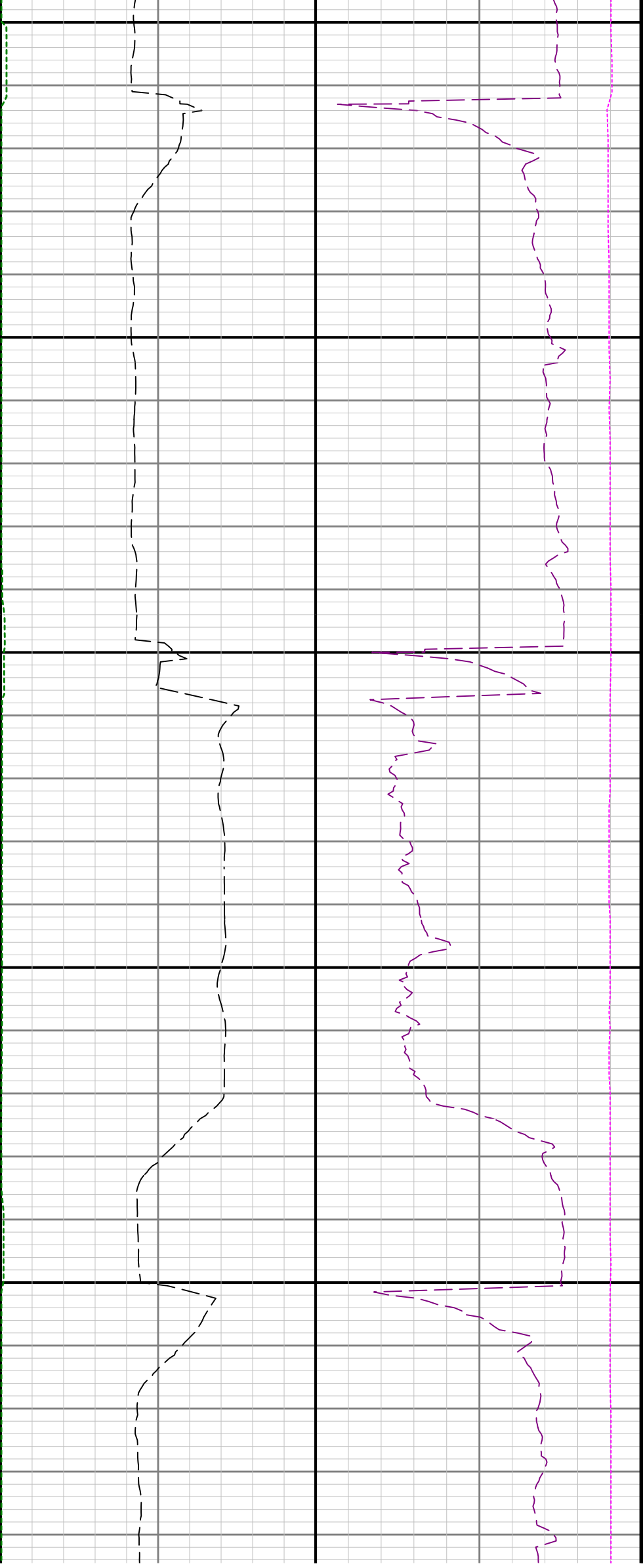
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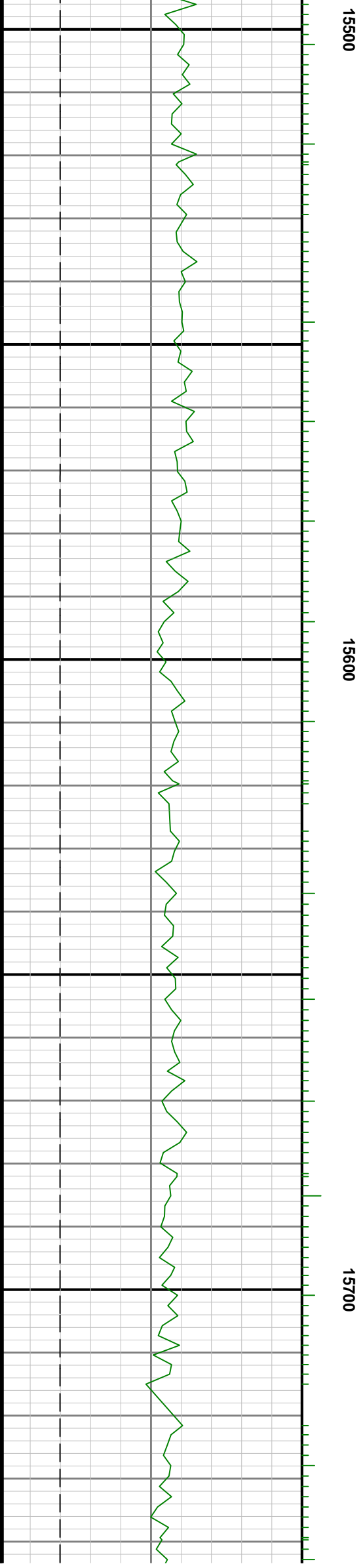
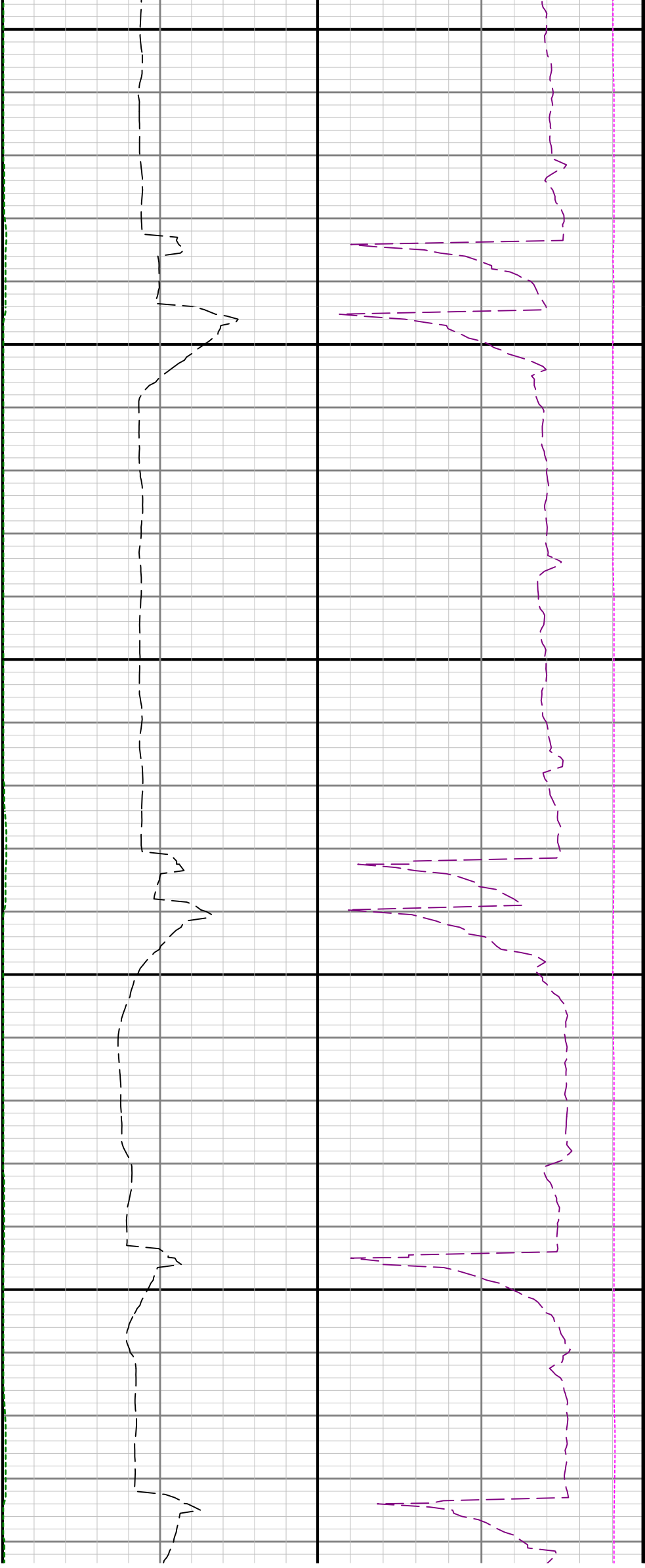


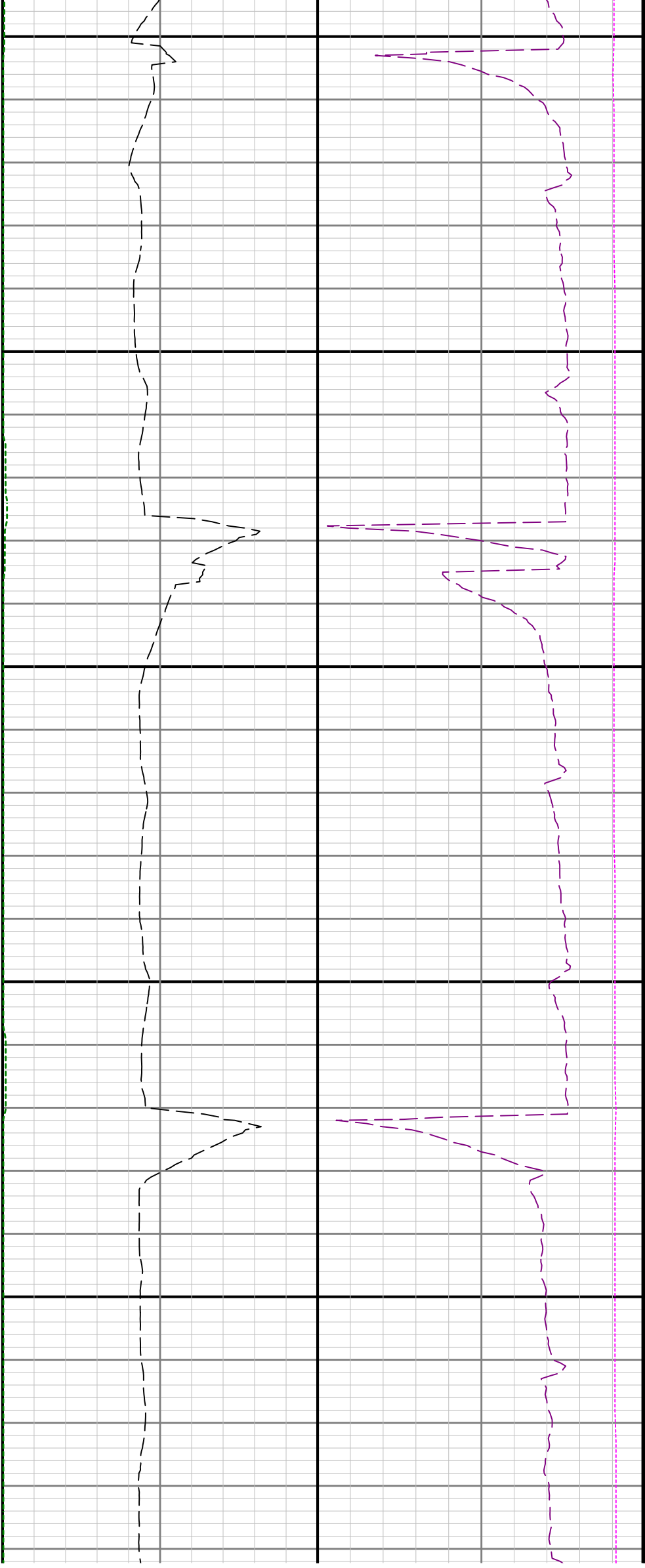






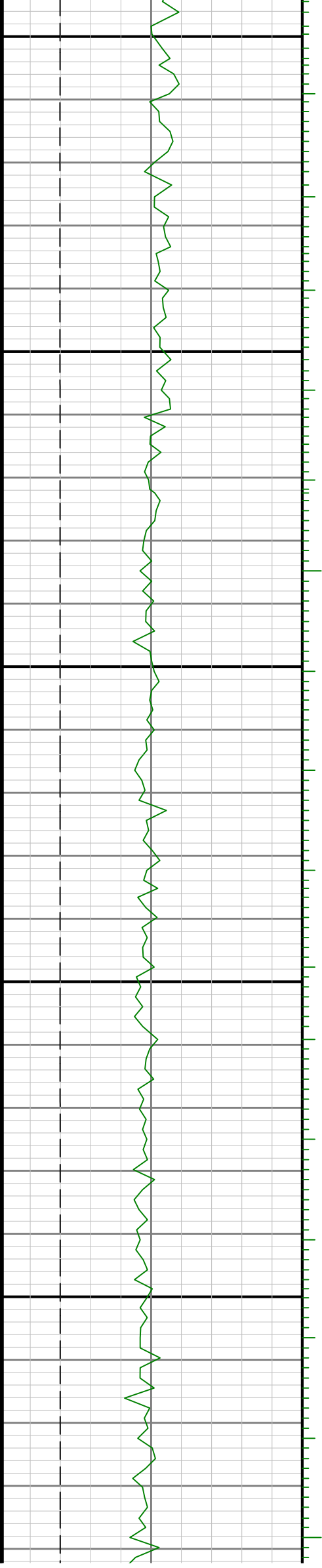


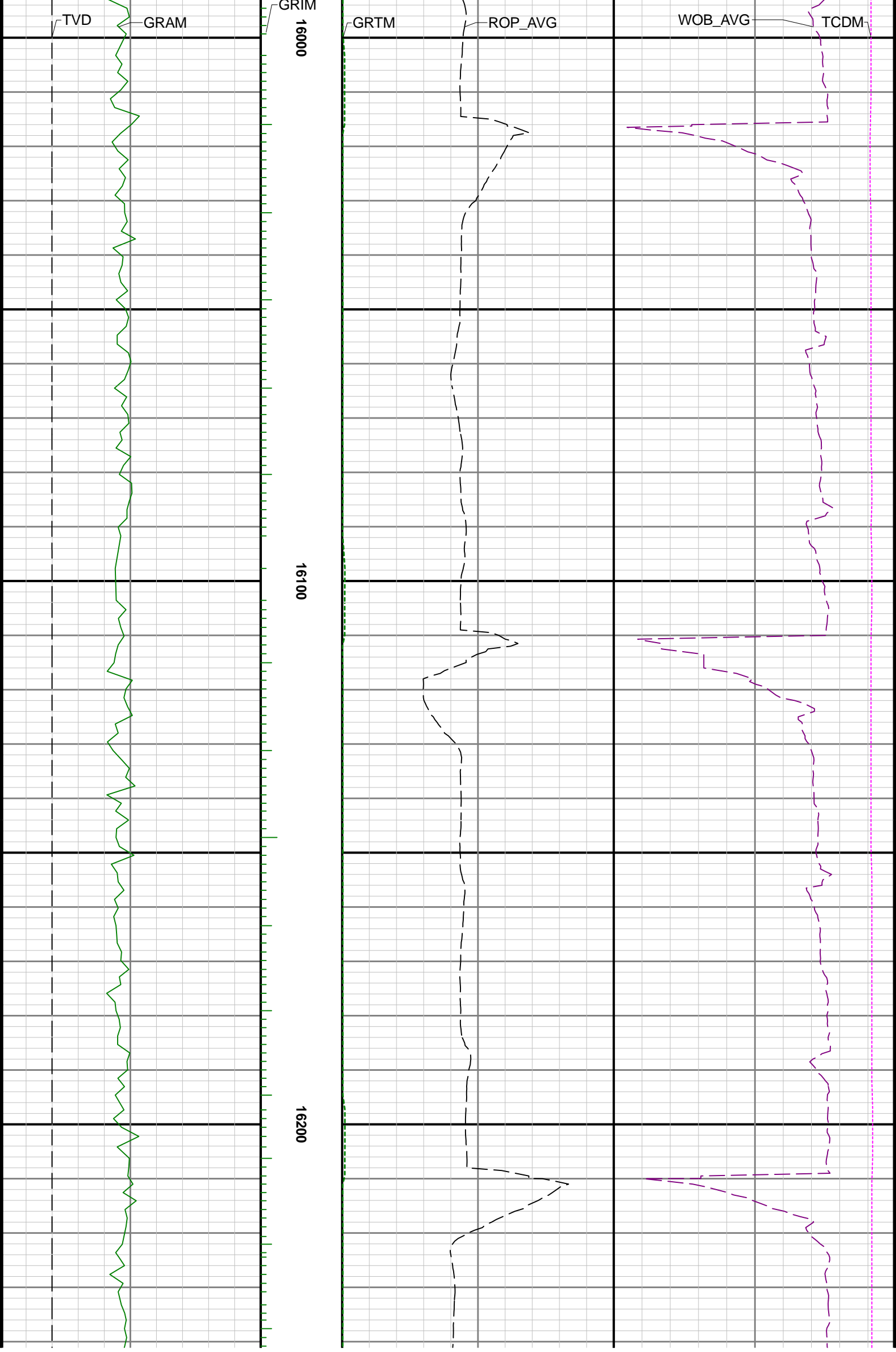


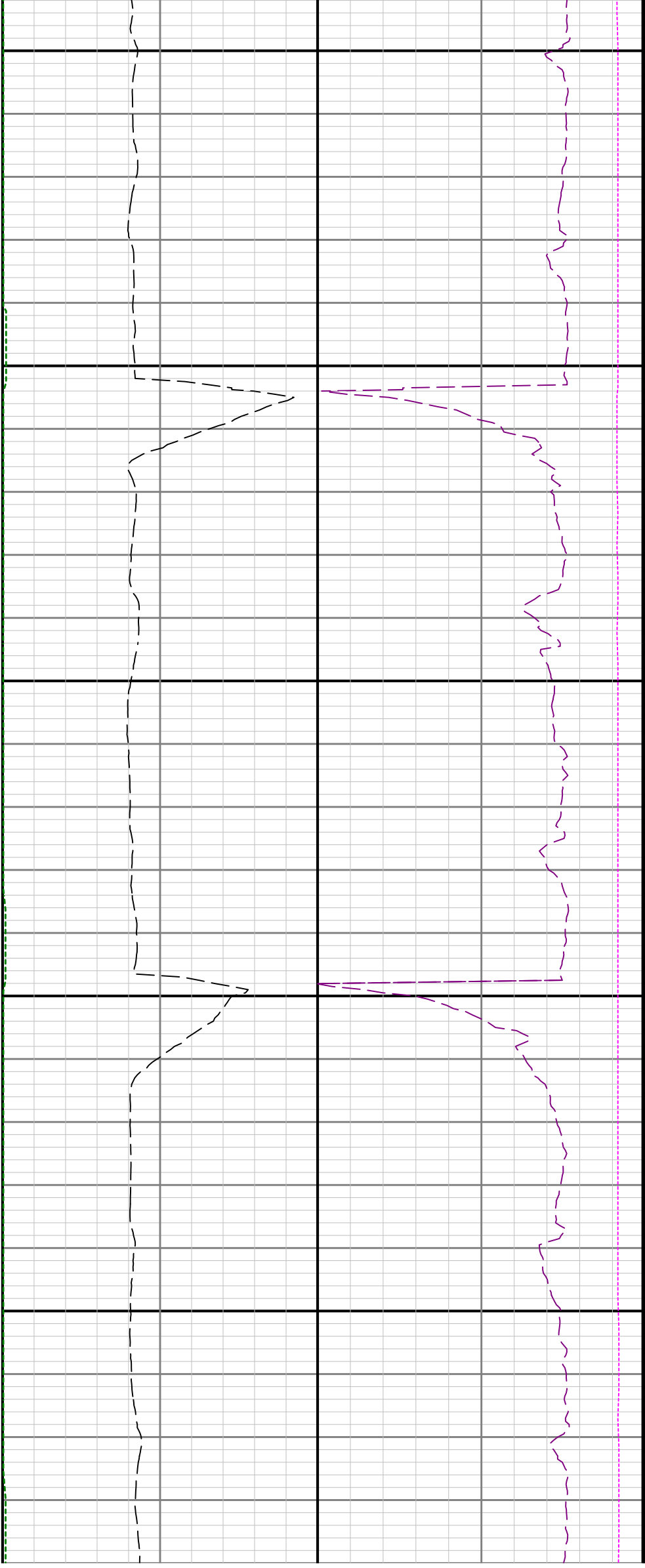


15800

15900







16300

16400

