

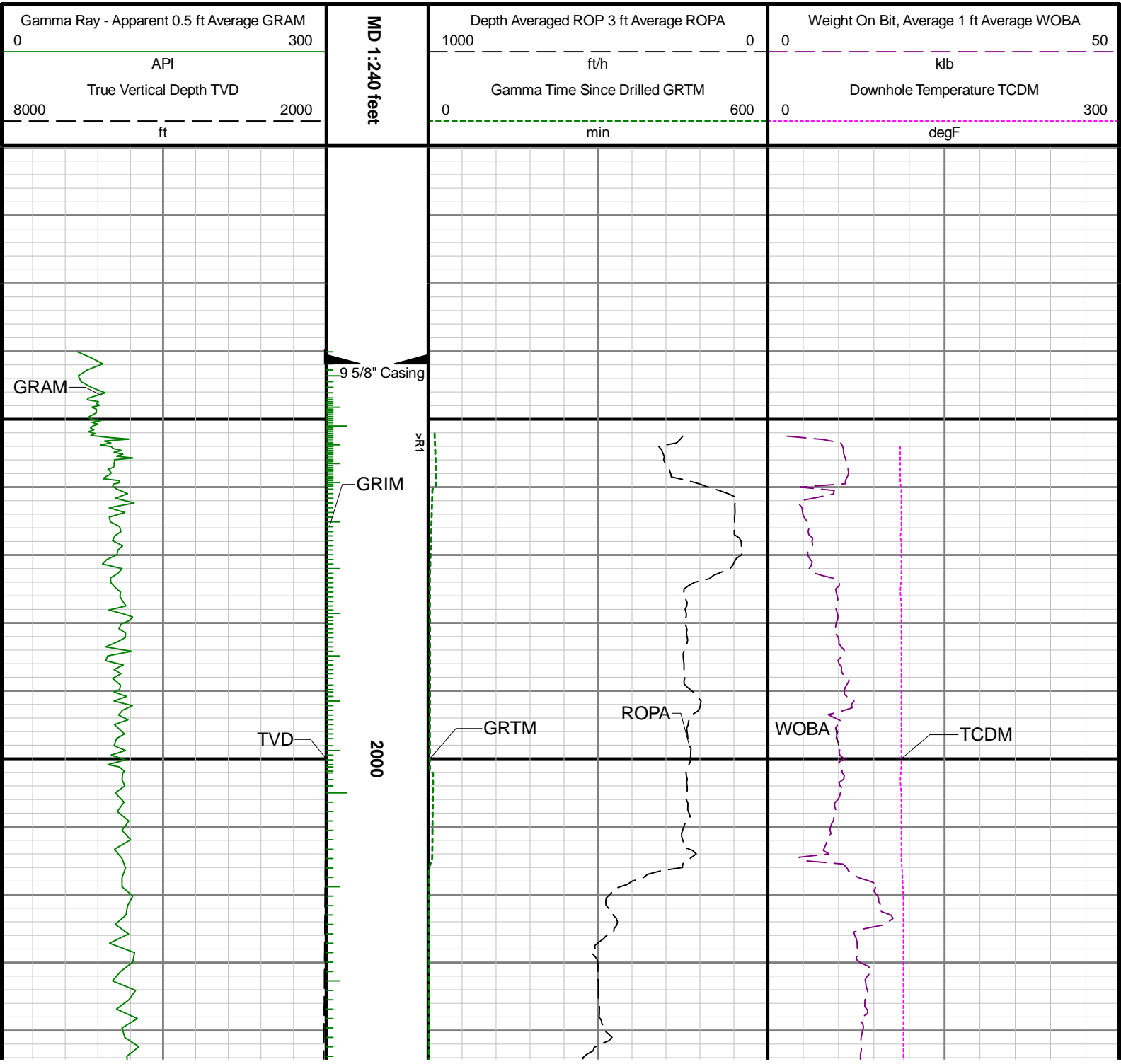
Mnemonic	Name	Description
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM

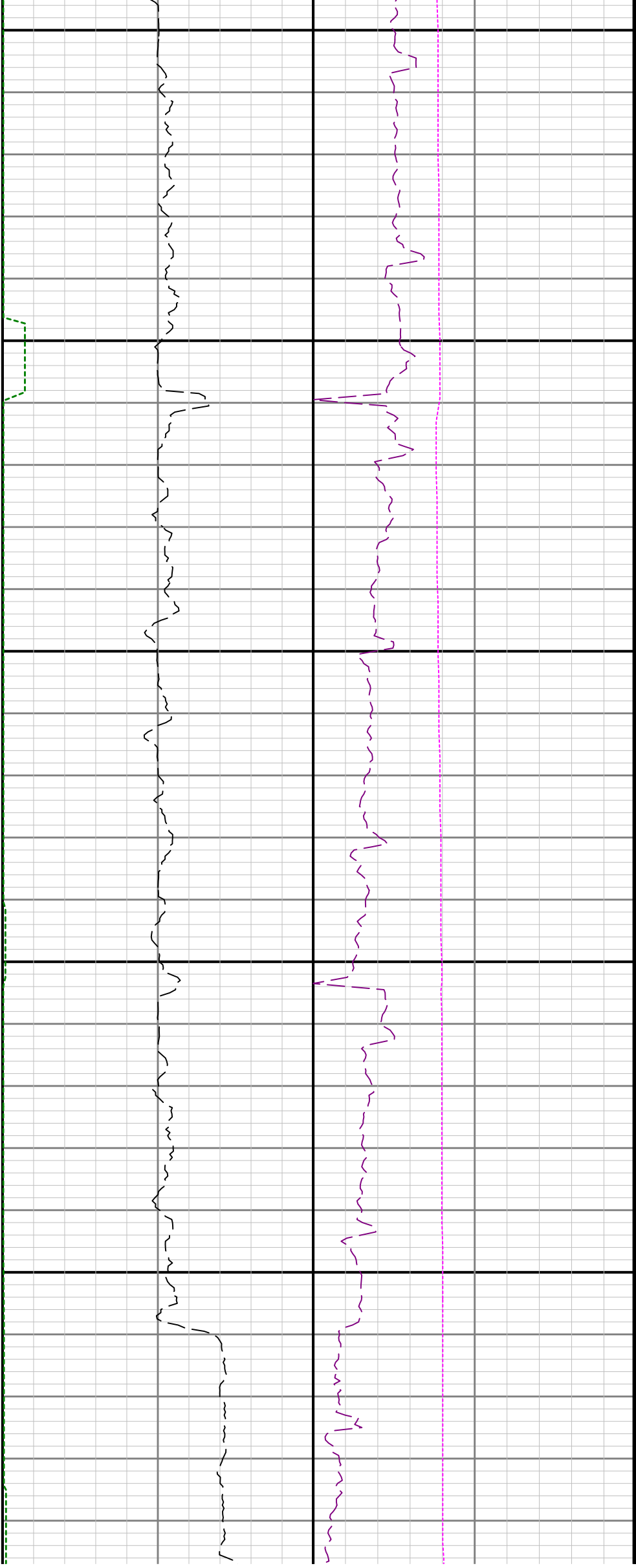
Comments
1 Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
2 Baker Hughes LWD Run 1 utilized 6 ¾ inch NaviGamma service (Gamma Ray and Directional) behind a 8 1/2 inch bit and rotary steerable assembly from 1952 to 17637 feet MD (1952 to 6793 feet TVD).
3 The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request.
4 Various intervals of missing data are a result of downlinking while drilling.

Remarks				
Number	Depth	Hole Section	Run No.	Remark
	(ft)	(in)		
1	13985.00	8.500	1	The interval from 13985 to 14008 feet MD (6795 to 6795 feet TVD) was not logged due to a temporary failure of third party depth tracking system therefore, no drilling data was acquired.
2	17637.00	8.500	1	The interval from 17624 to 17637 feet MD (6793 to 6793 feet TVD) was not logged due to sensor to bit offset at well TD.

Curve Mnemonics

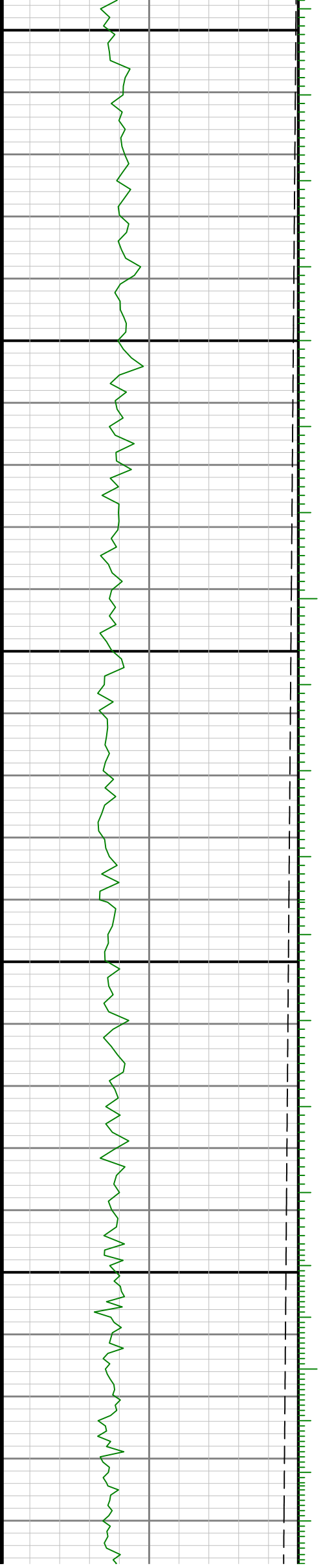
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
TVD	True Vertical Depth	ft
WOBA	Weight on Bit - Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
GRIM	Gamma Ray - Data Point Indicator - Memory	unitless
GRTM	Gamma Ray - Time Since Drilled - Memory	min
TCDM	Directional Real-Time Survey Temperature	degF

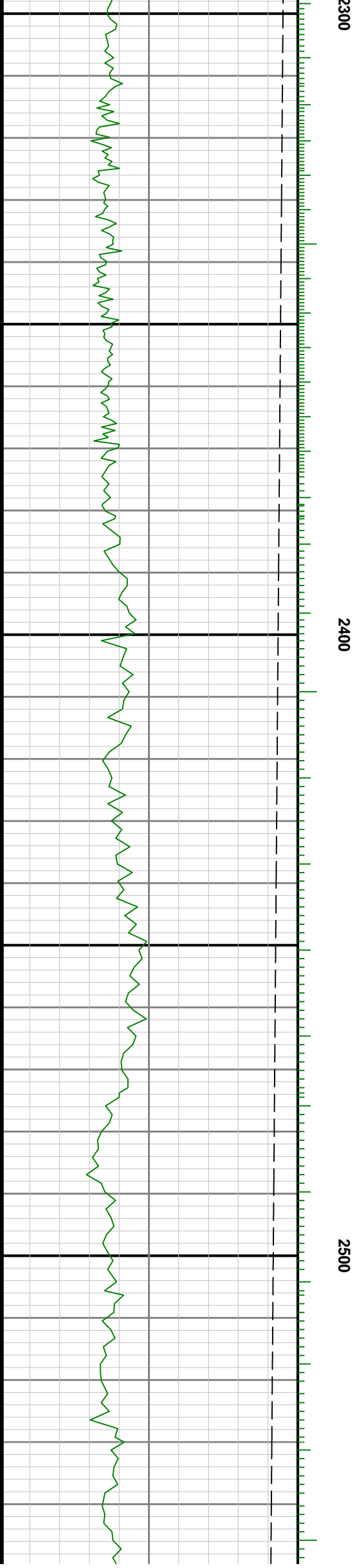
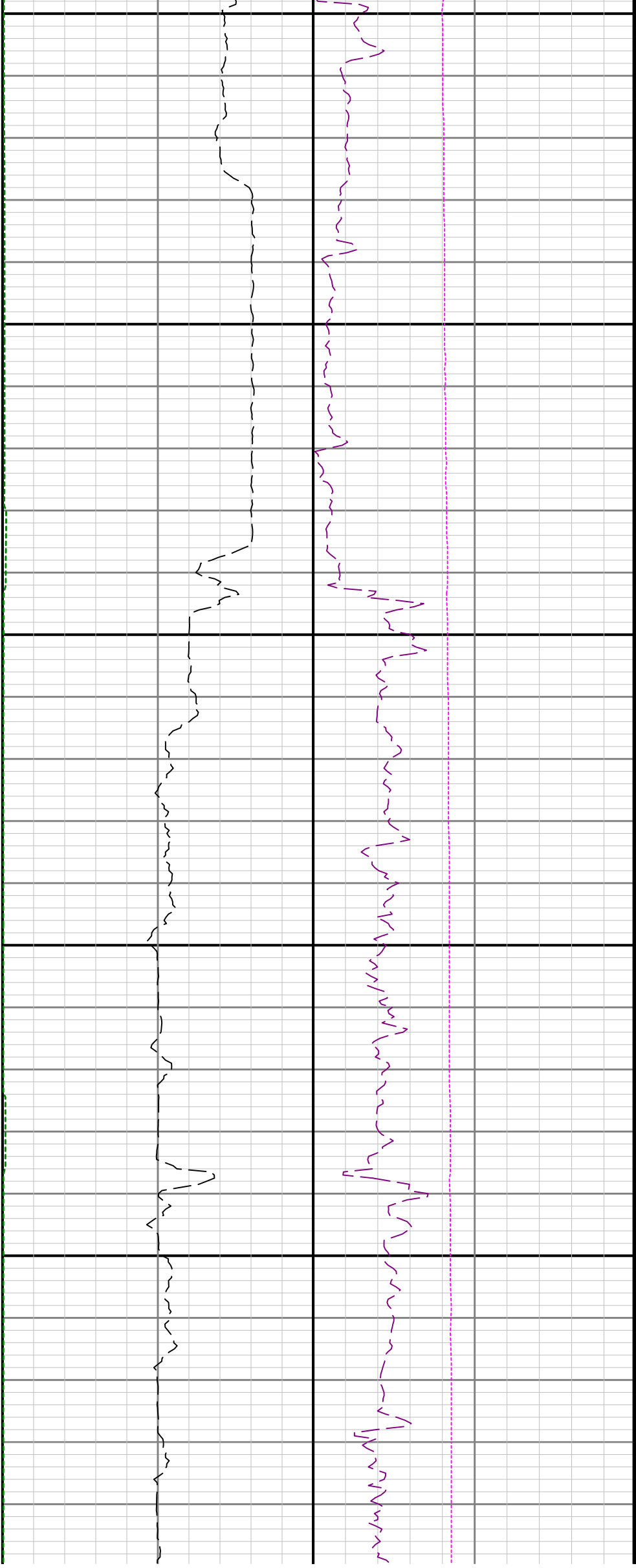


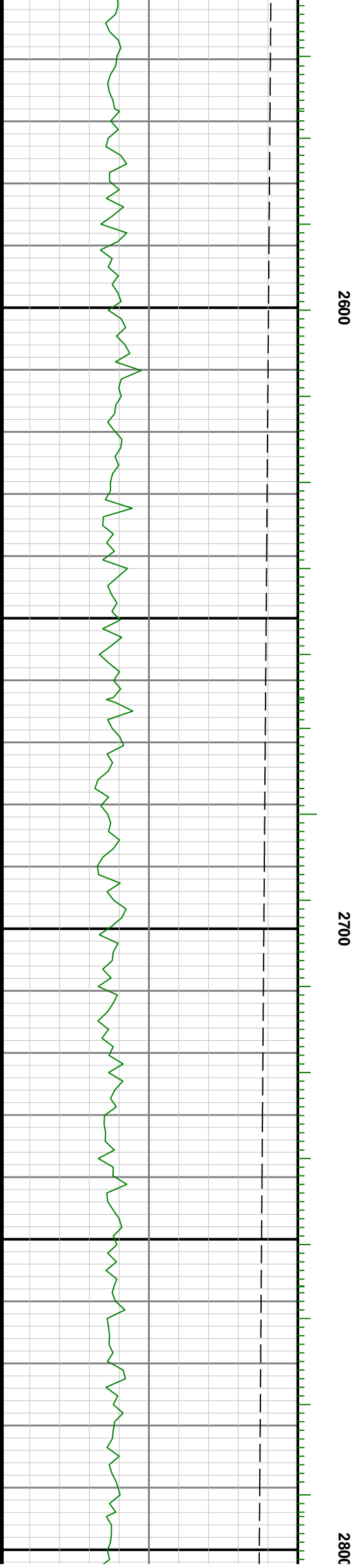
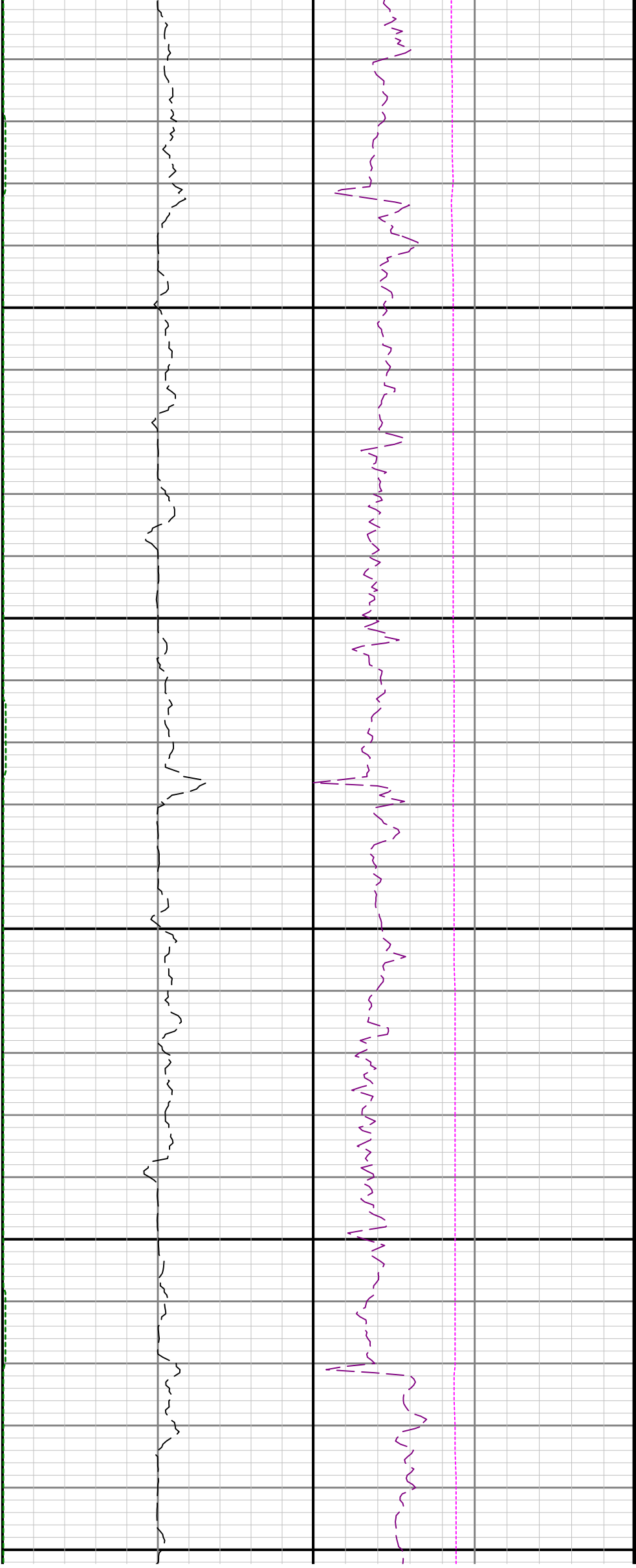


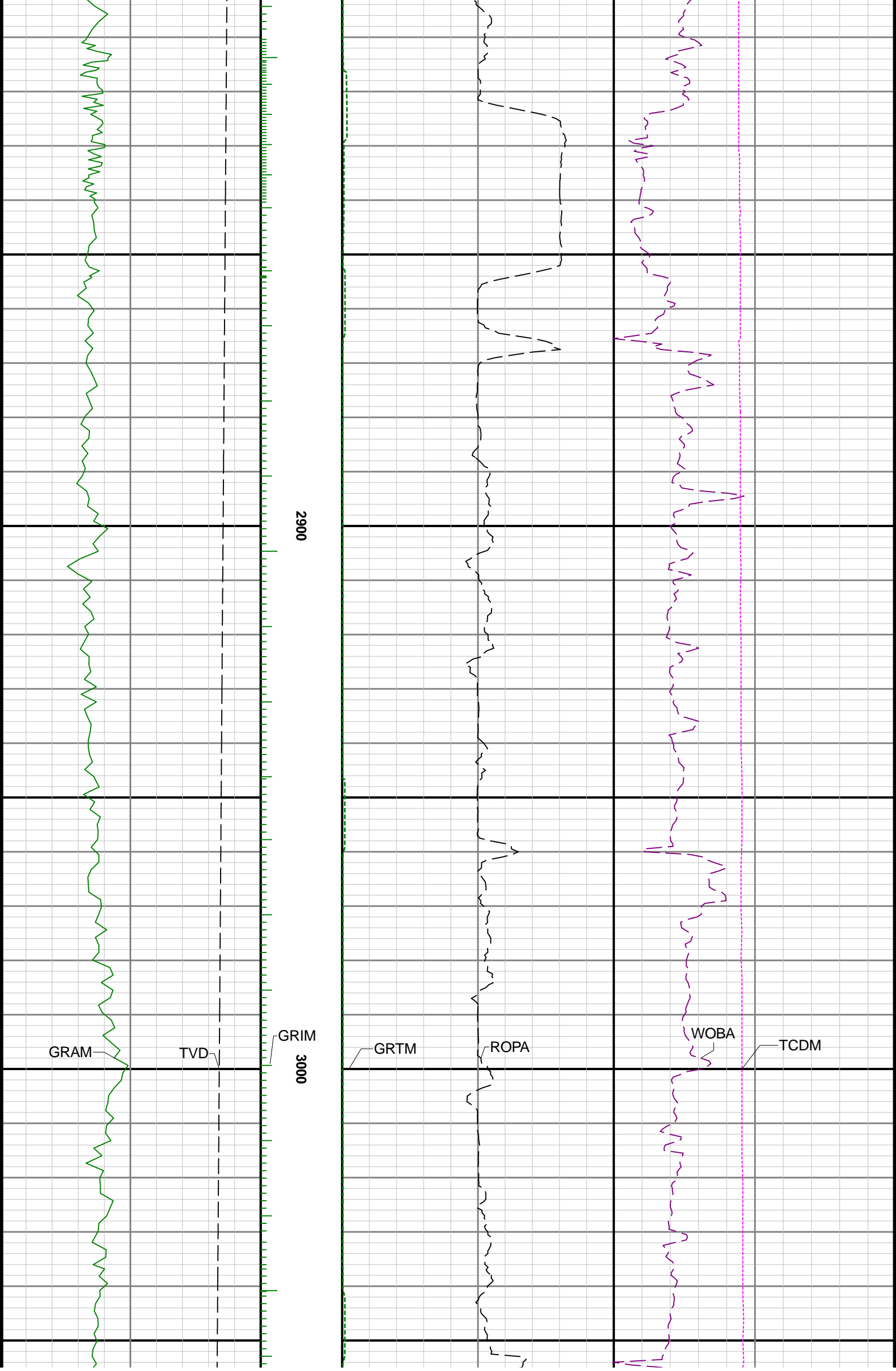
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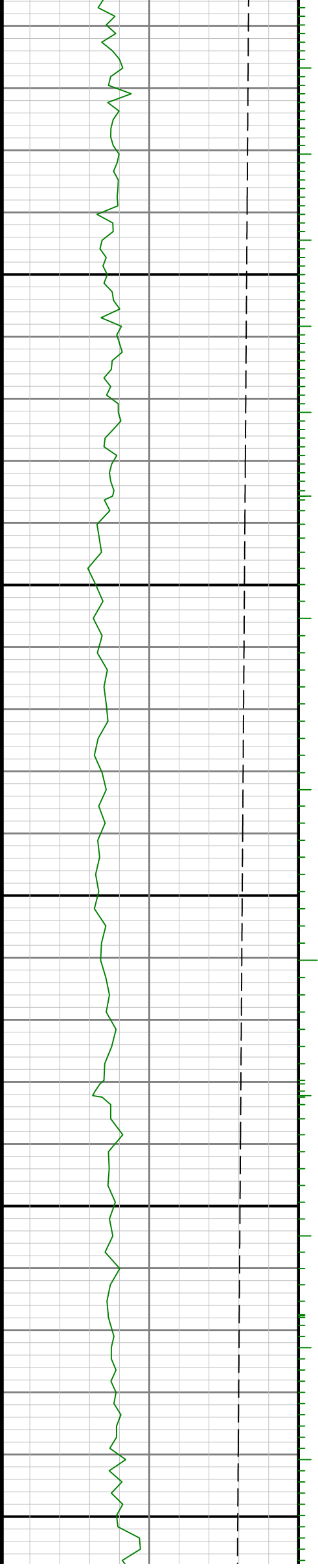


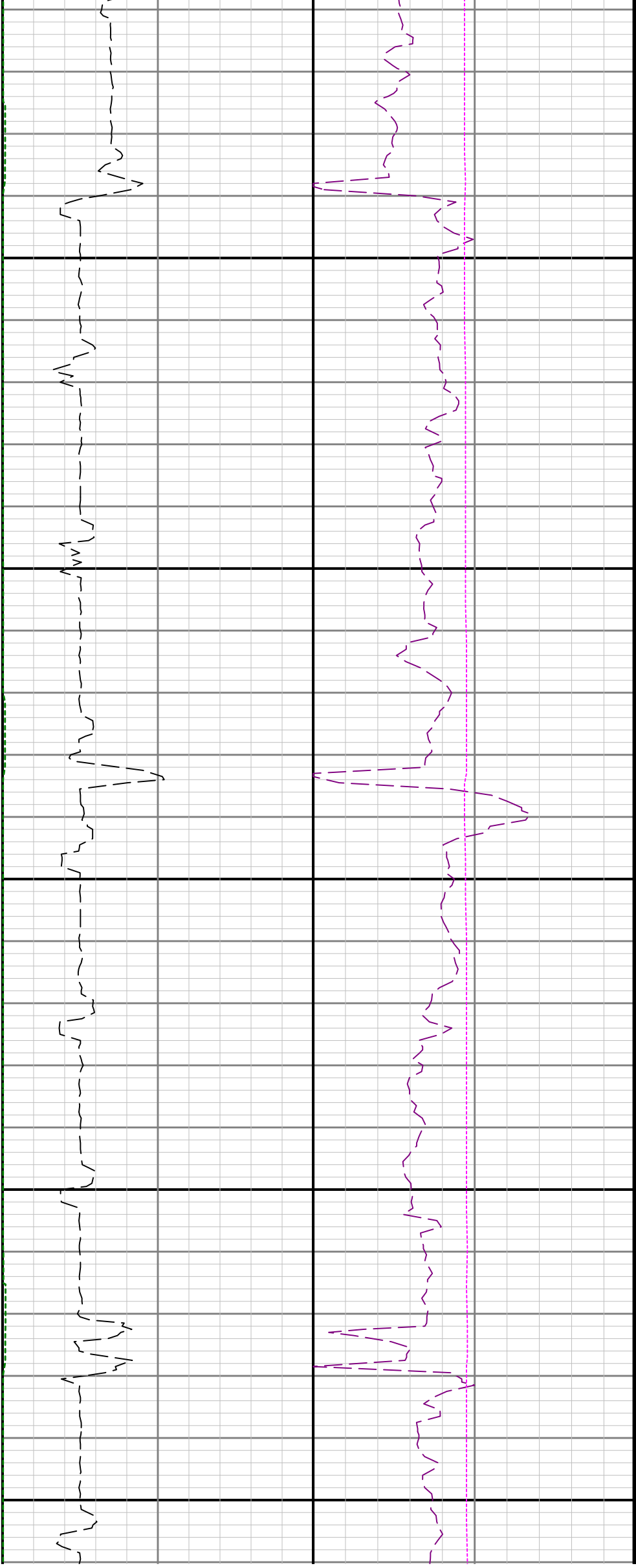


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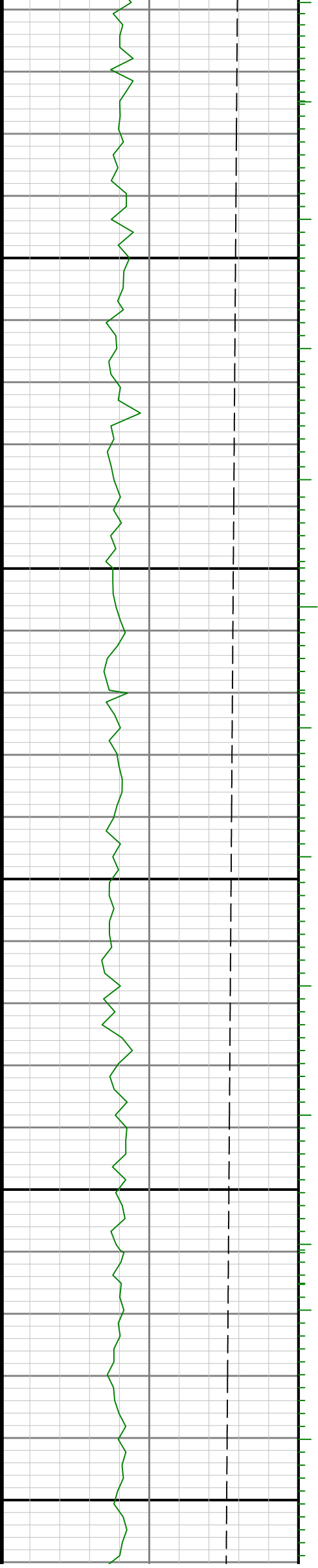
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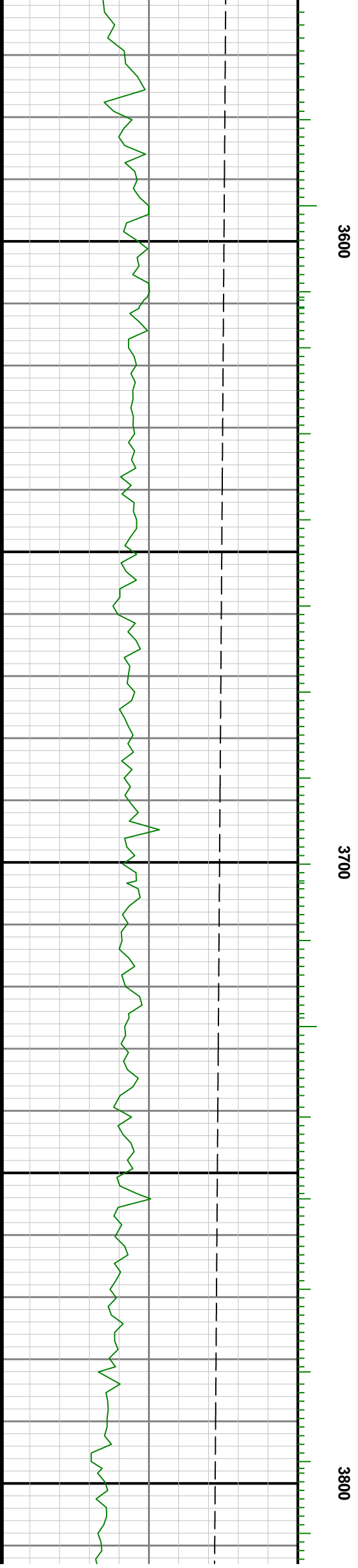


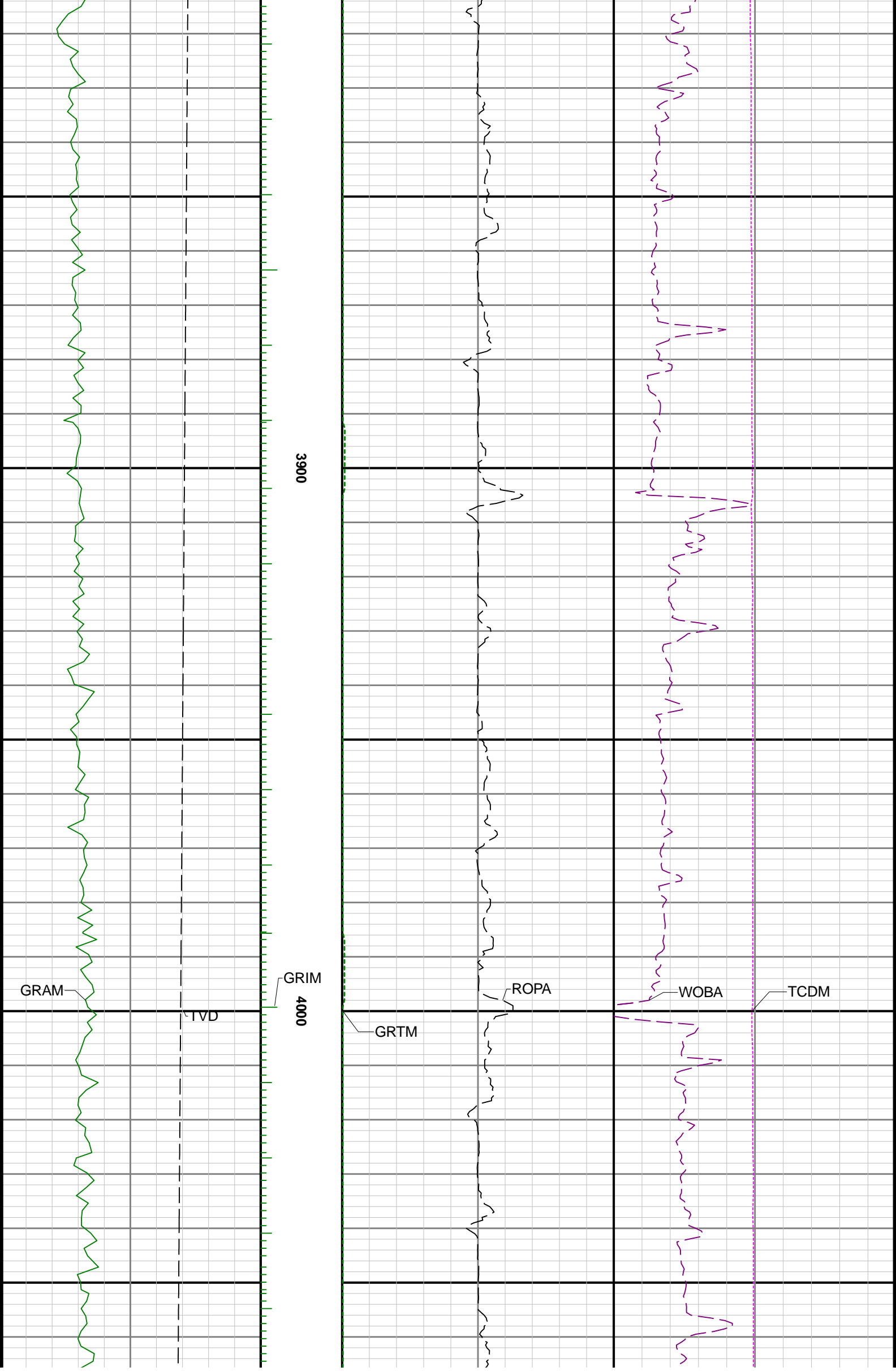


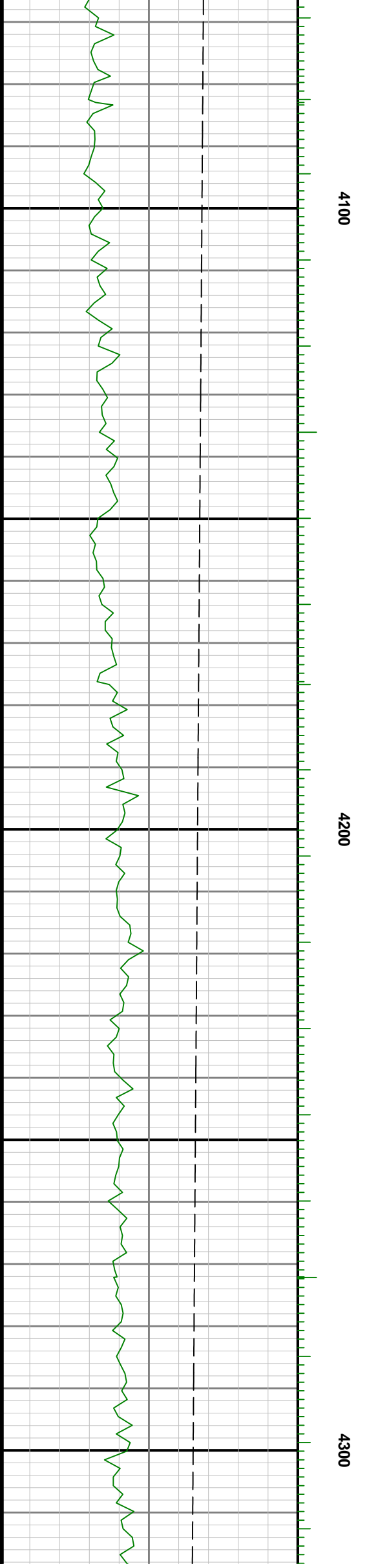
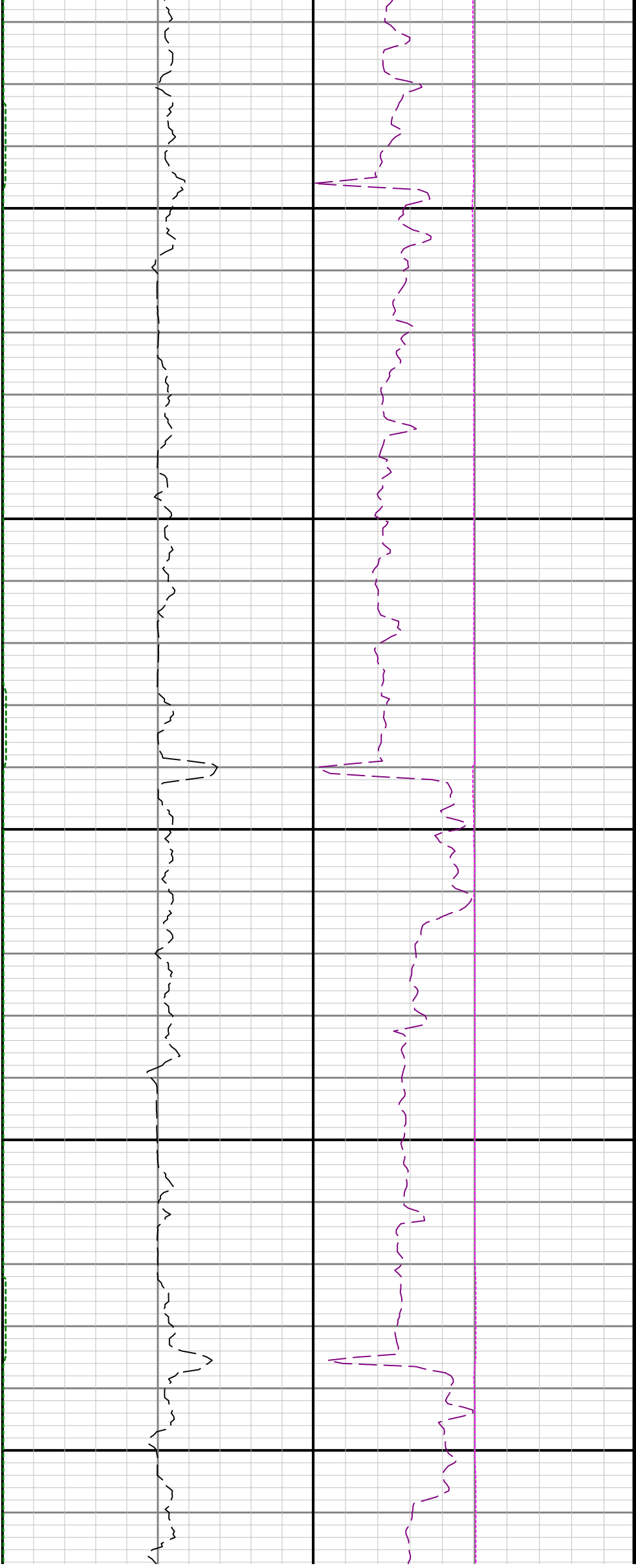
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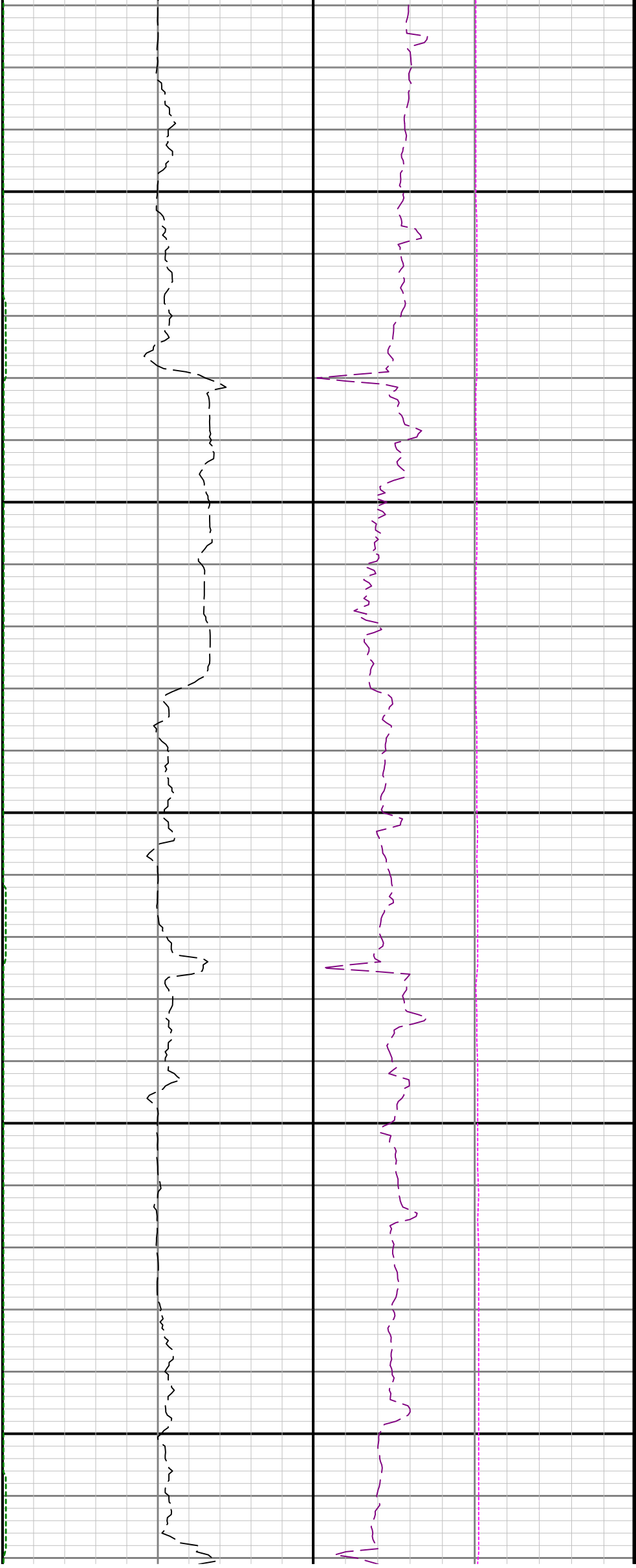
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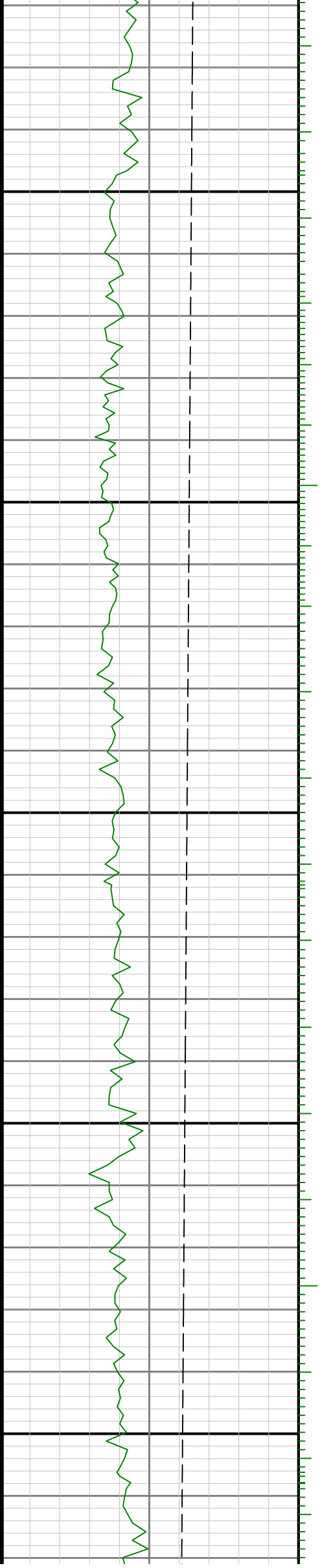


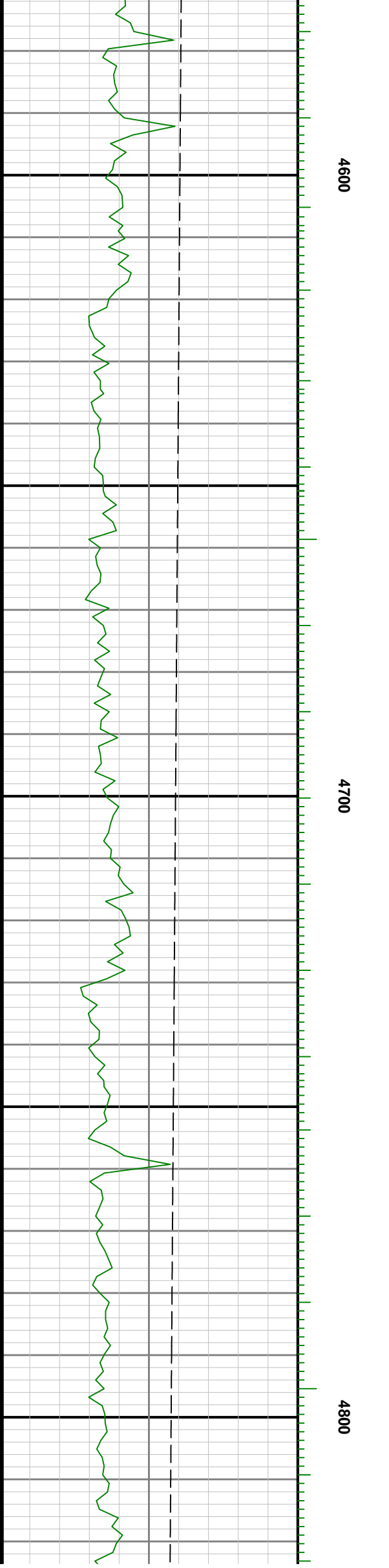
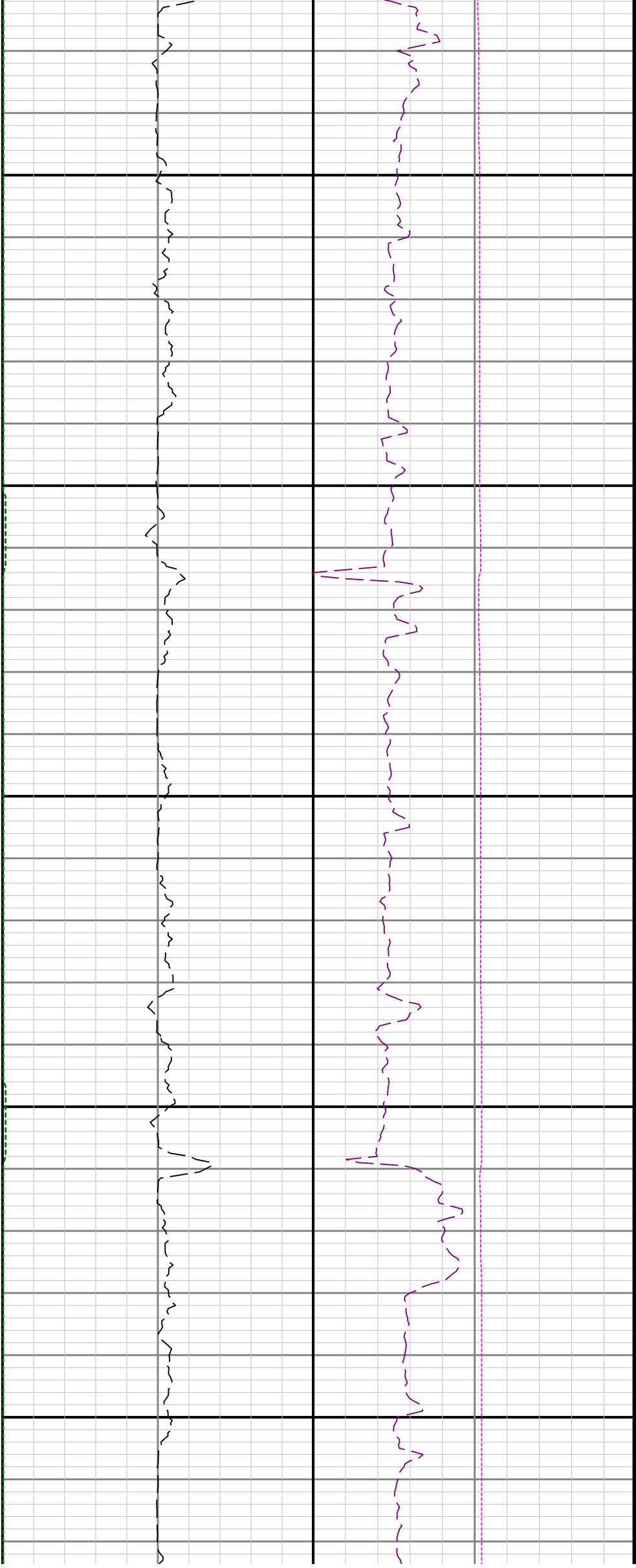


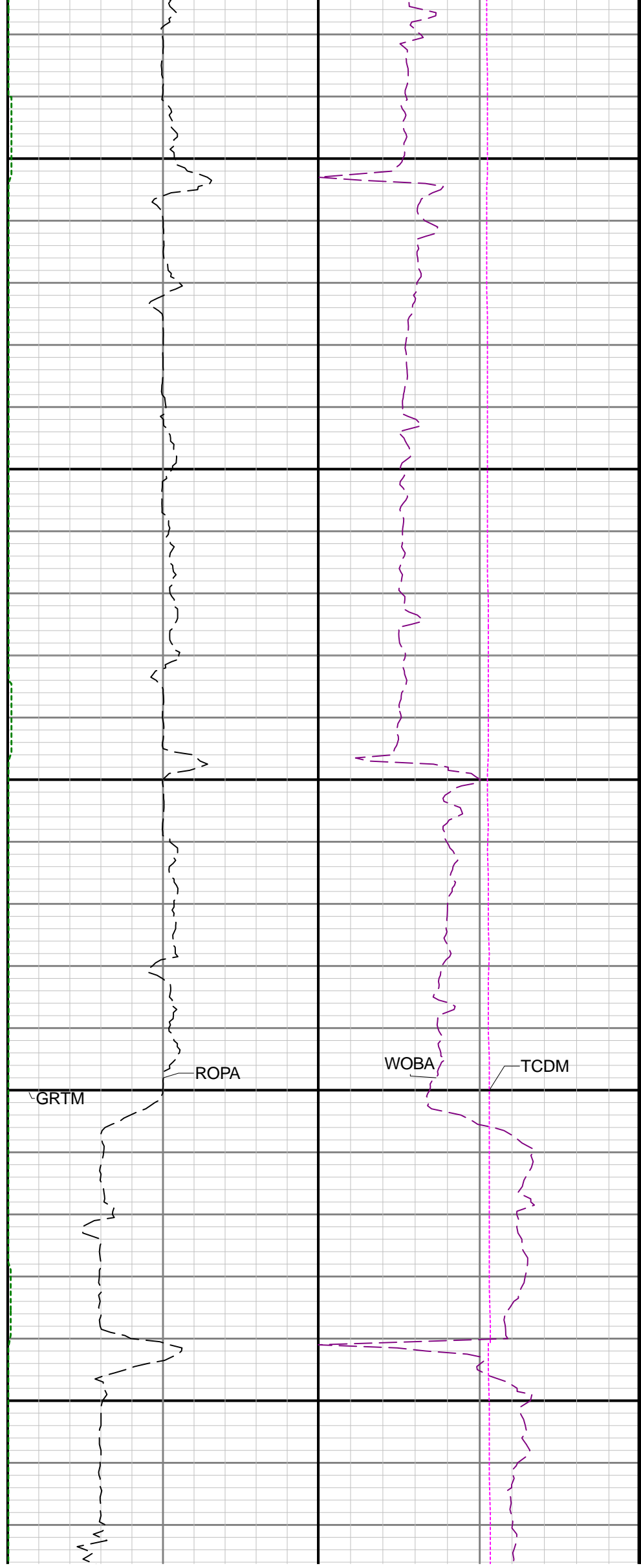
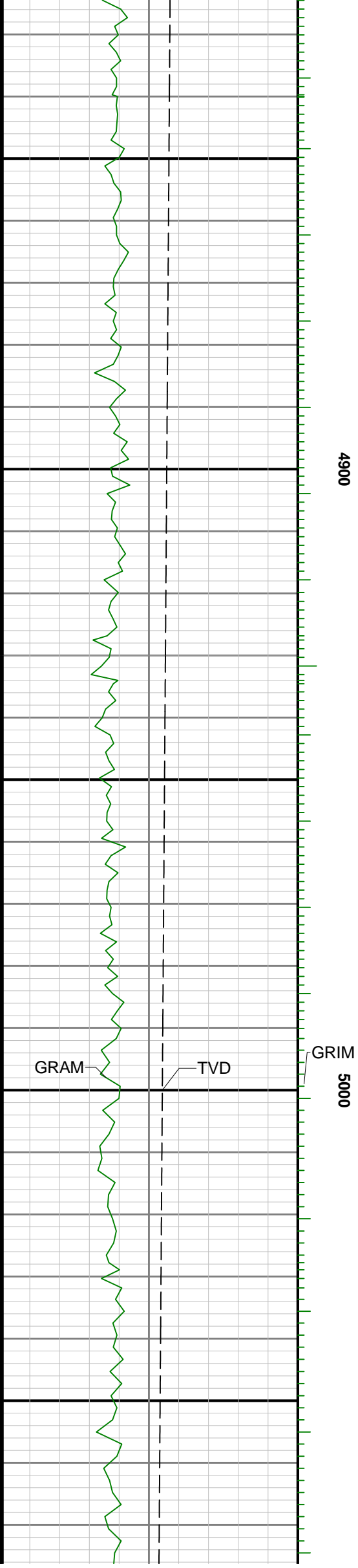


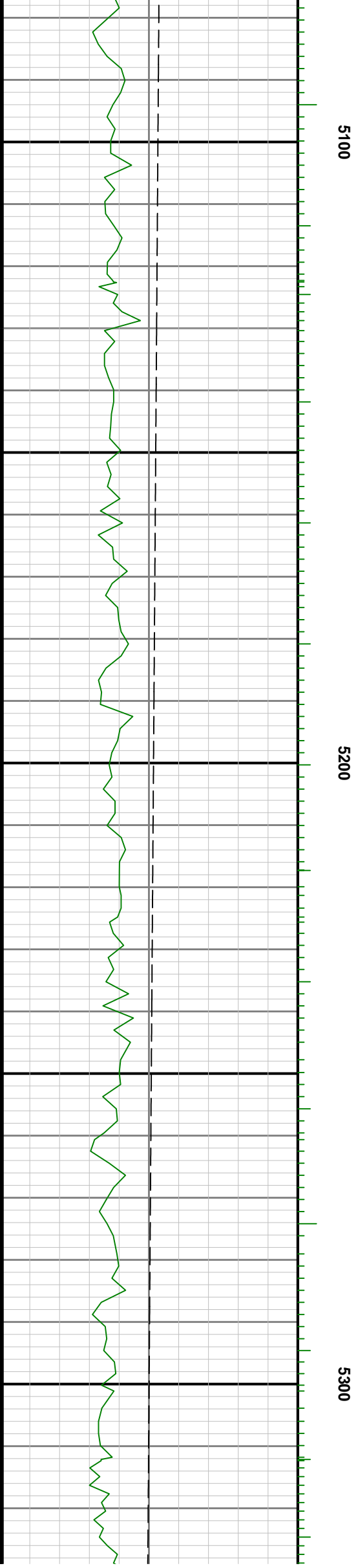
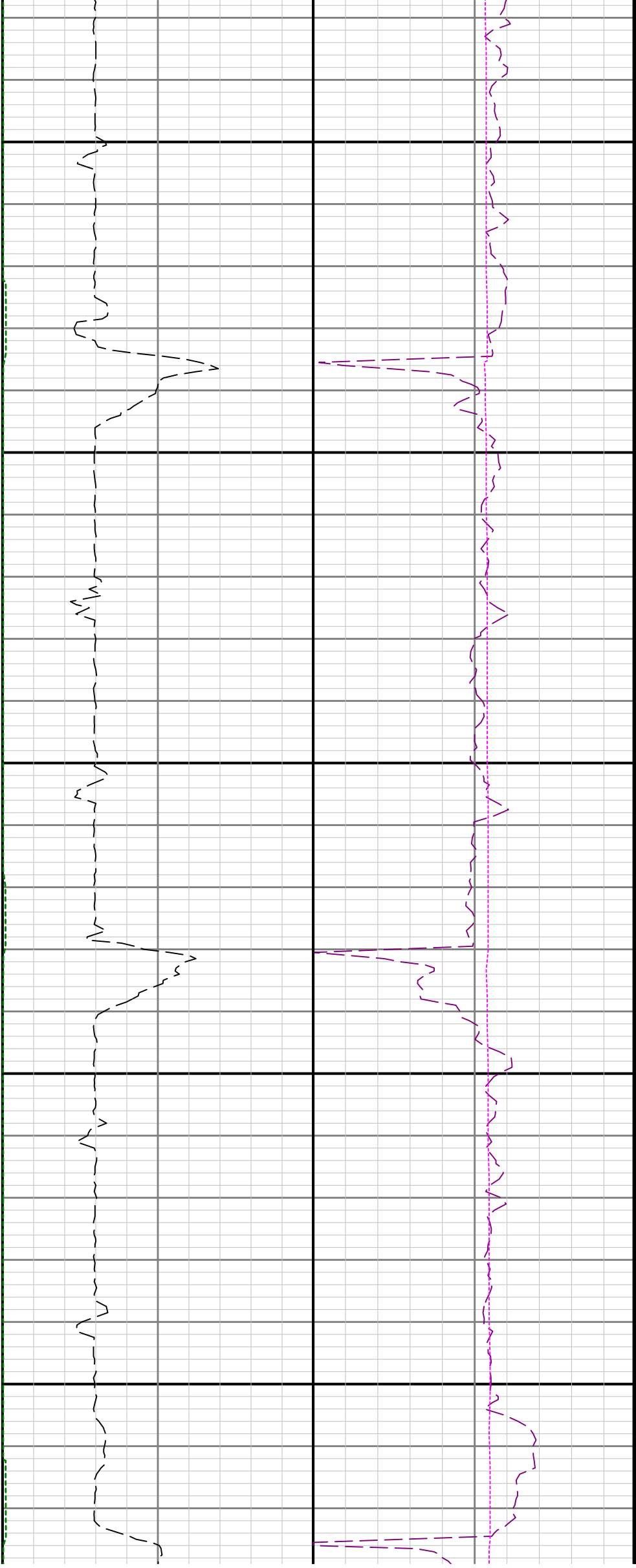
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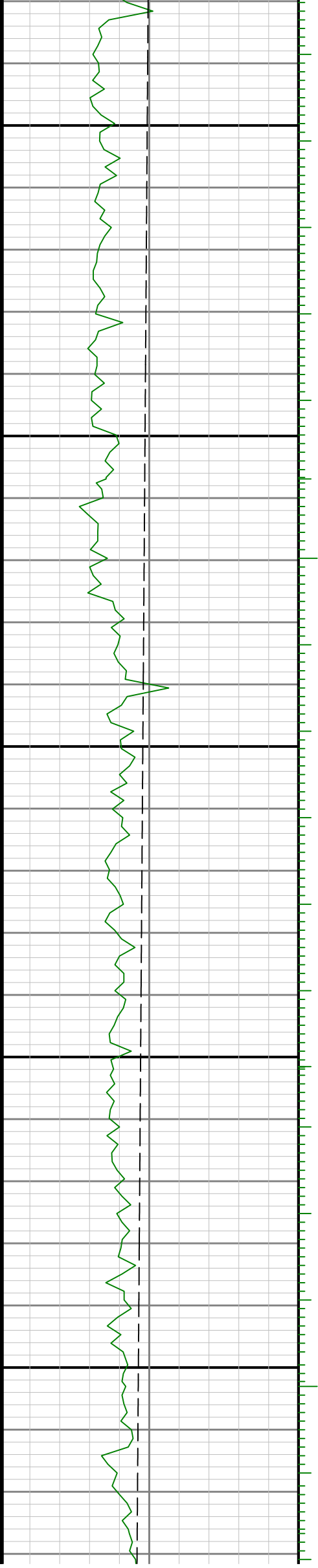
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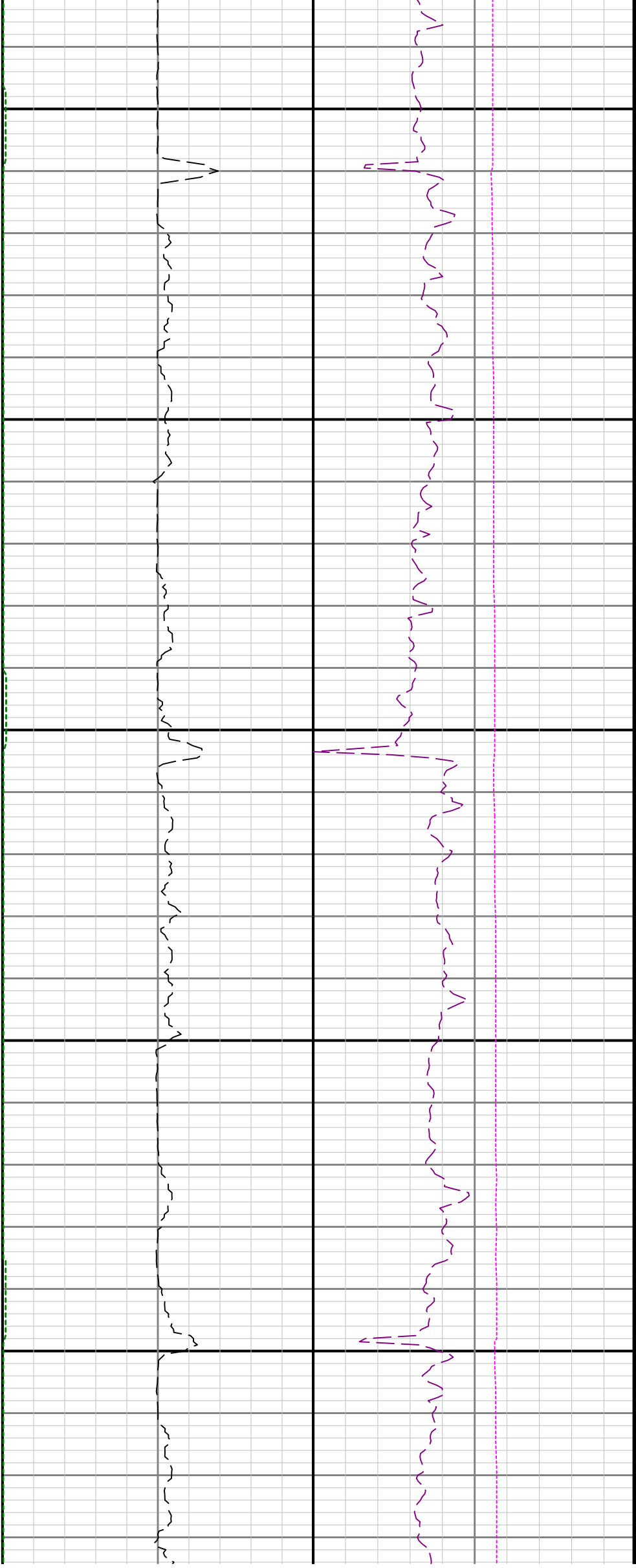








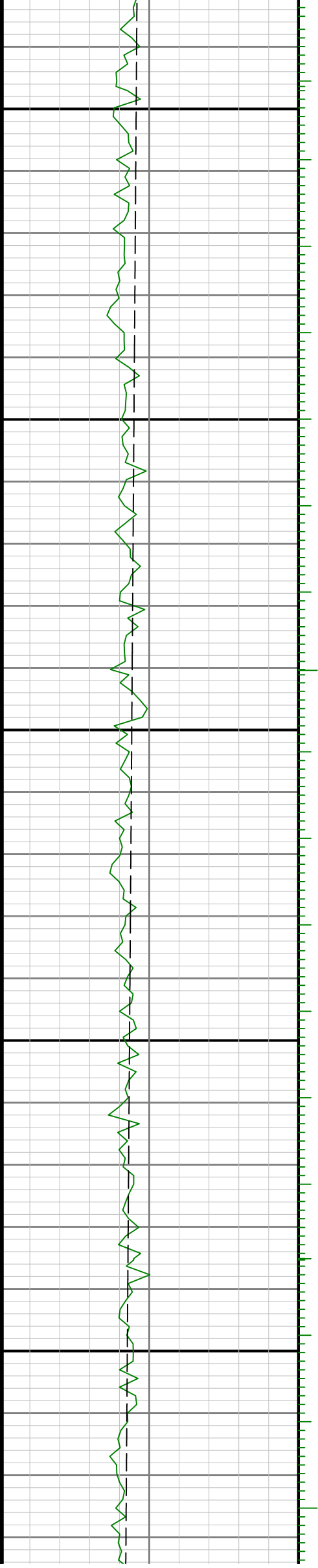


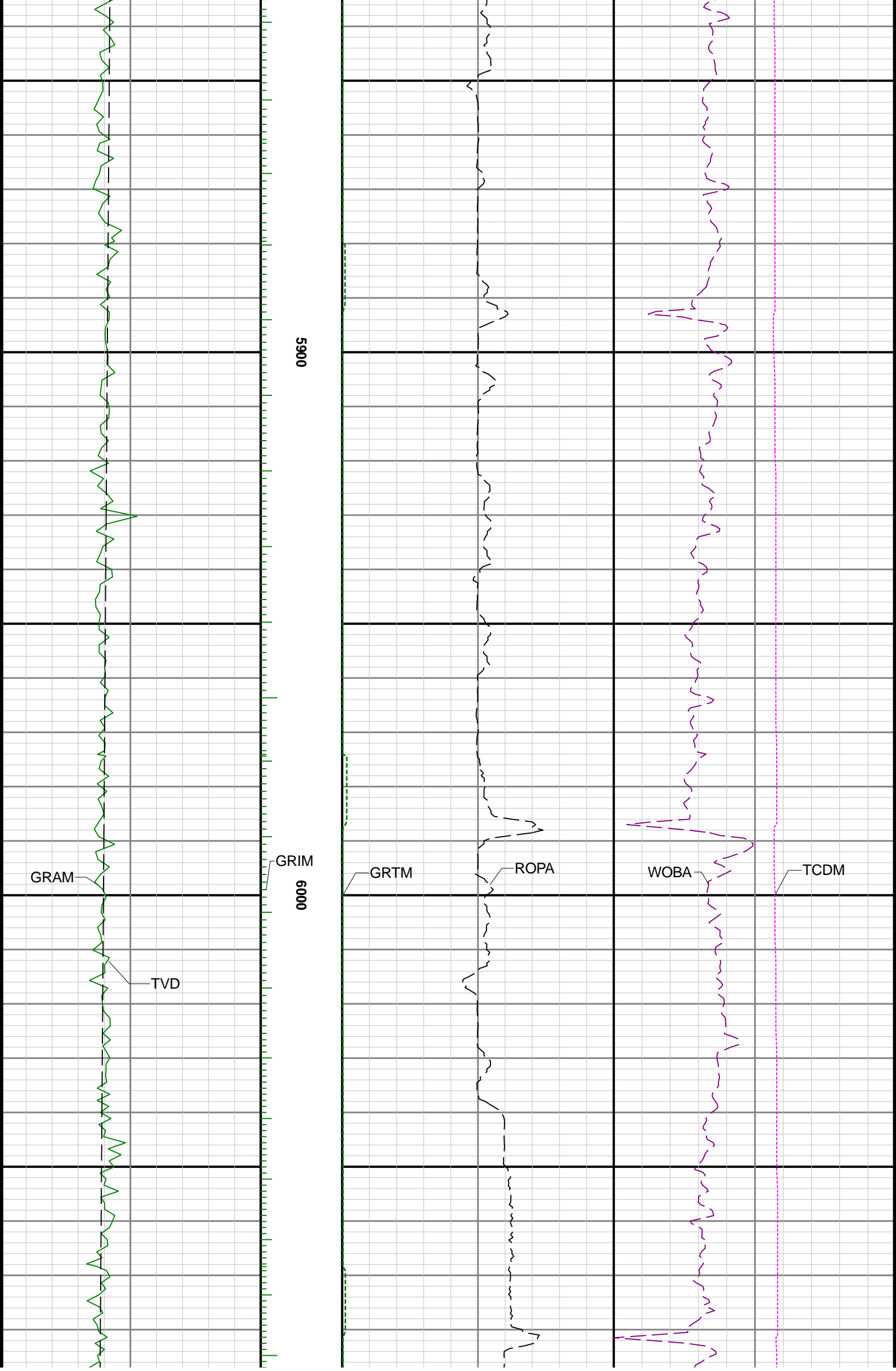


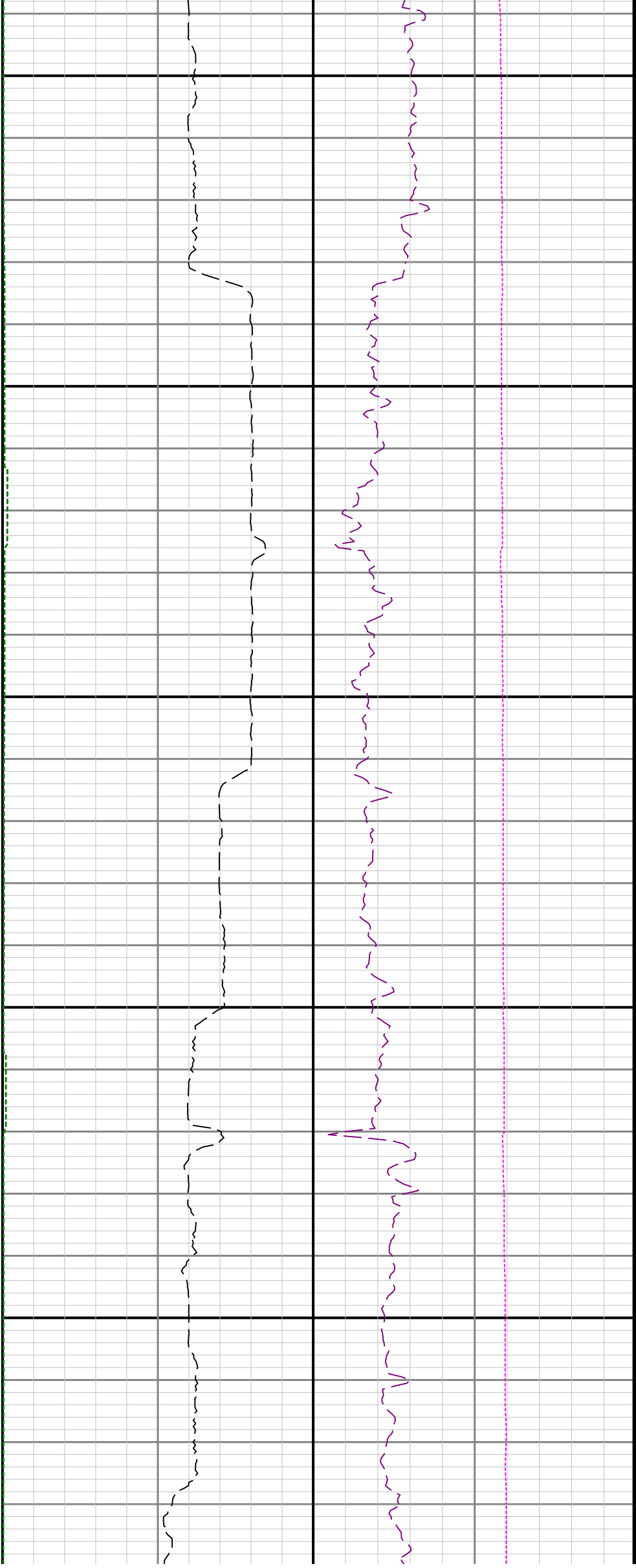
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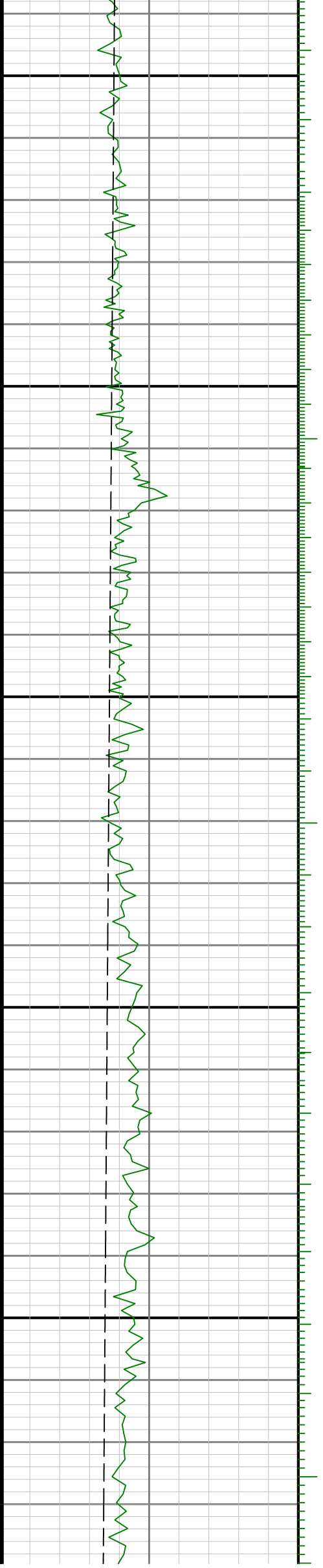


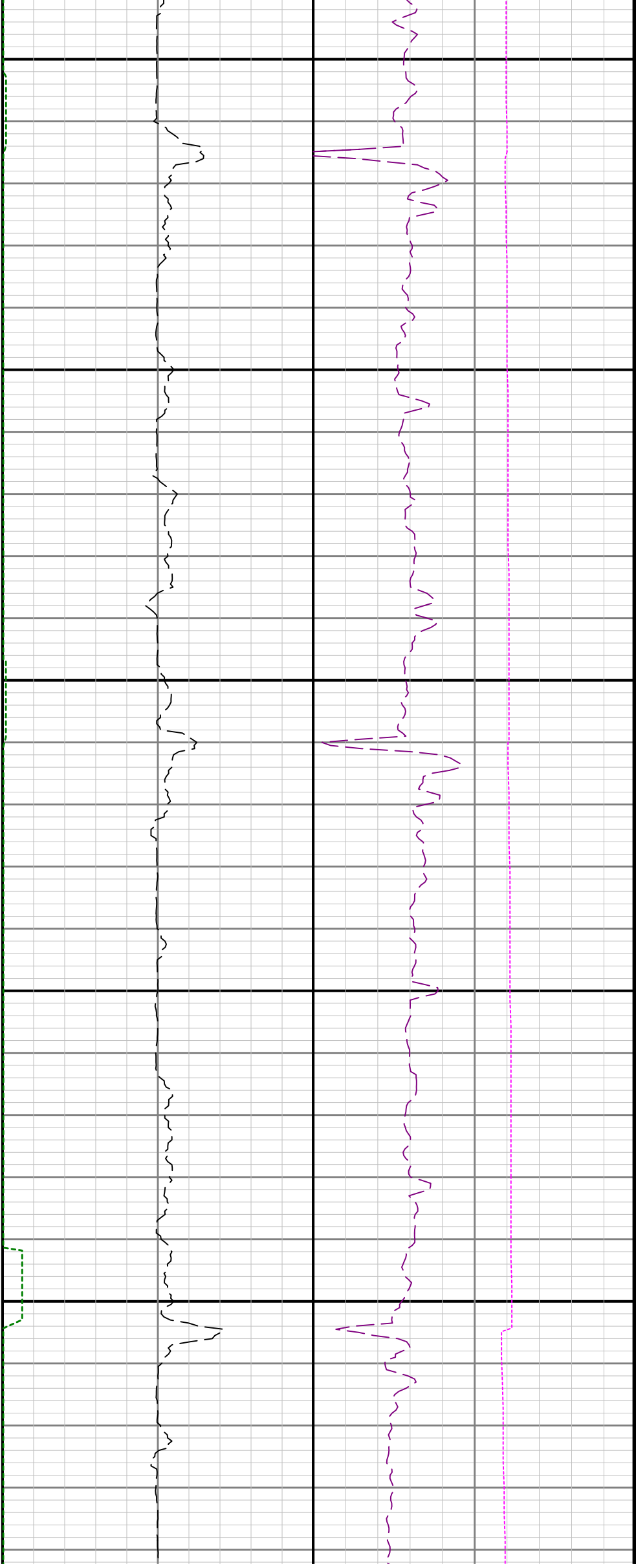


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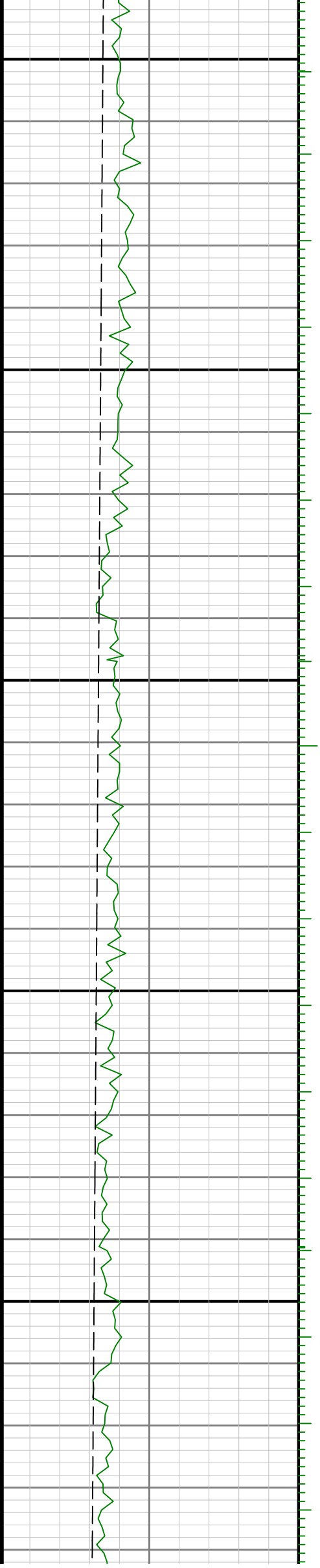
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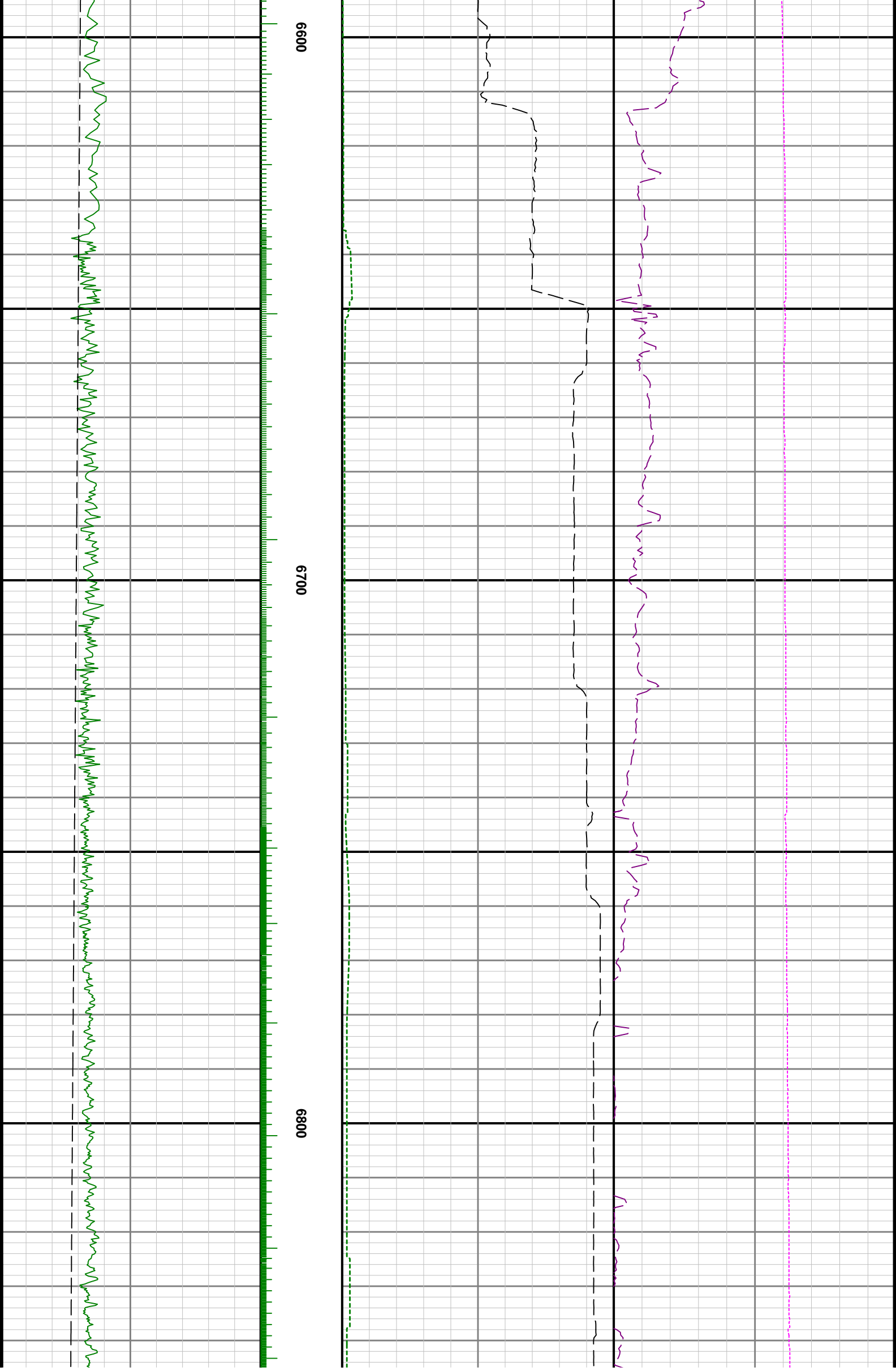


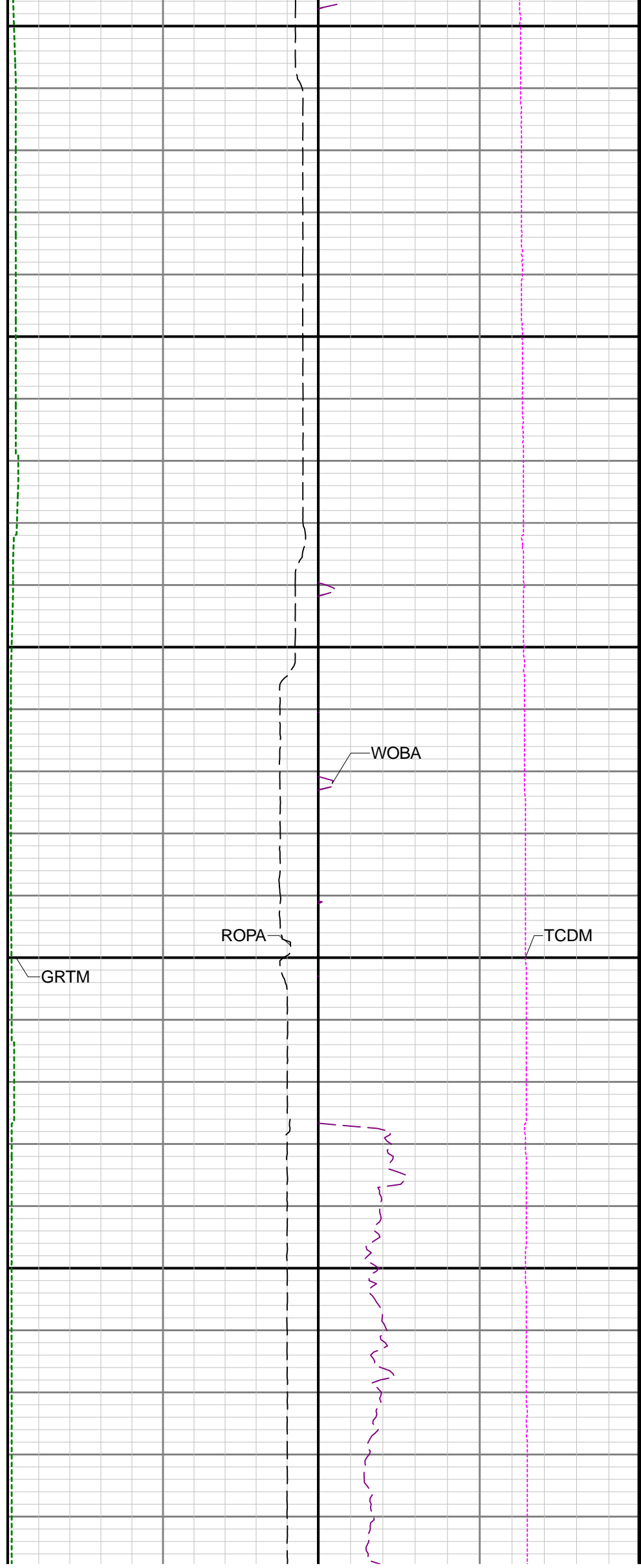
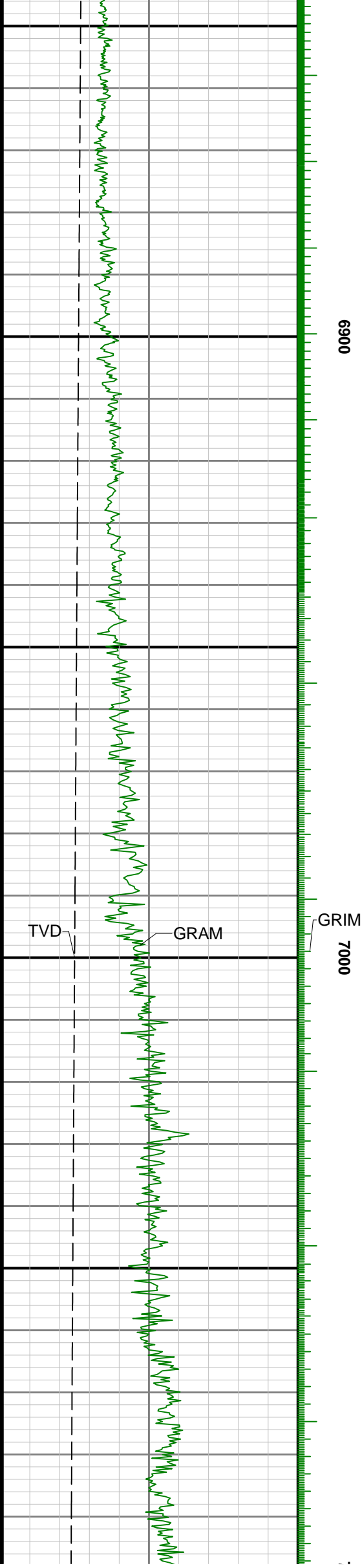


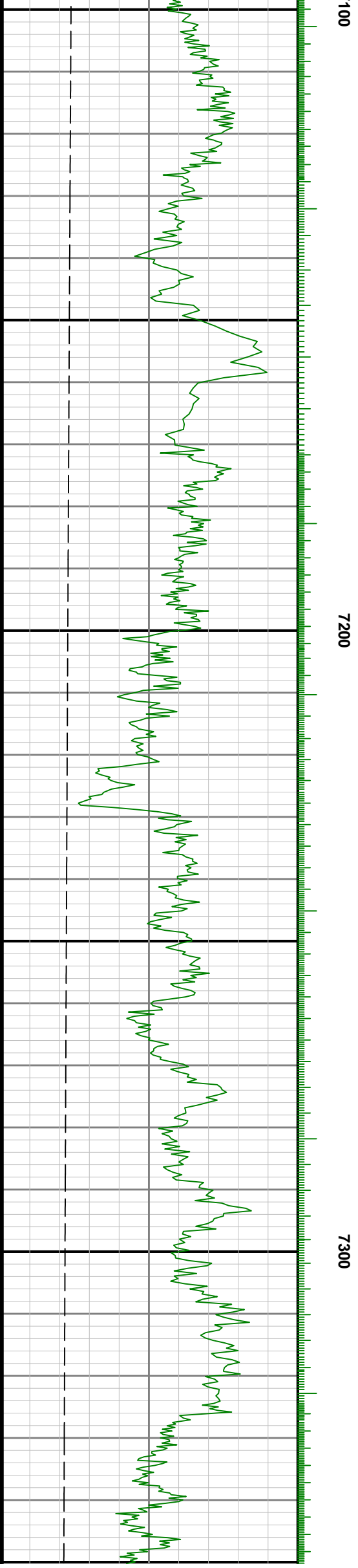
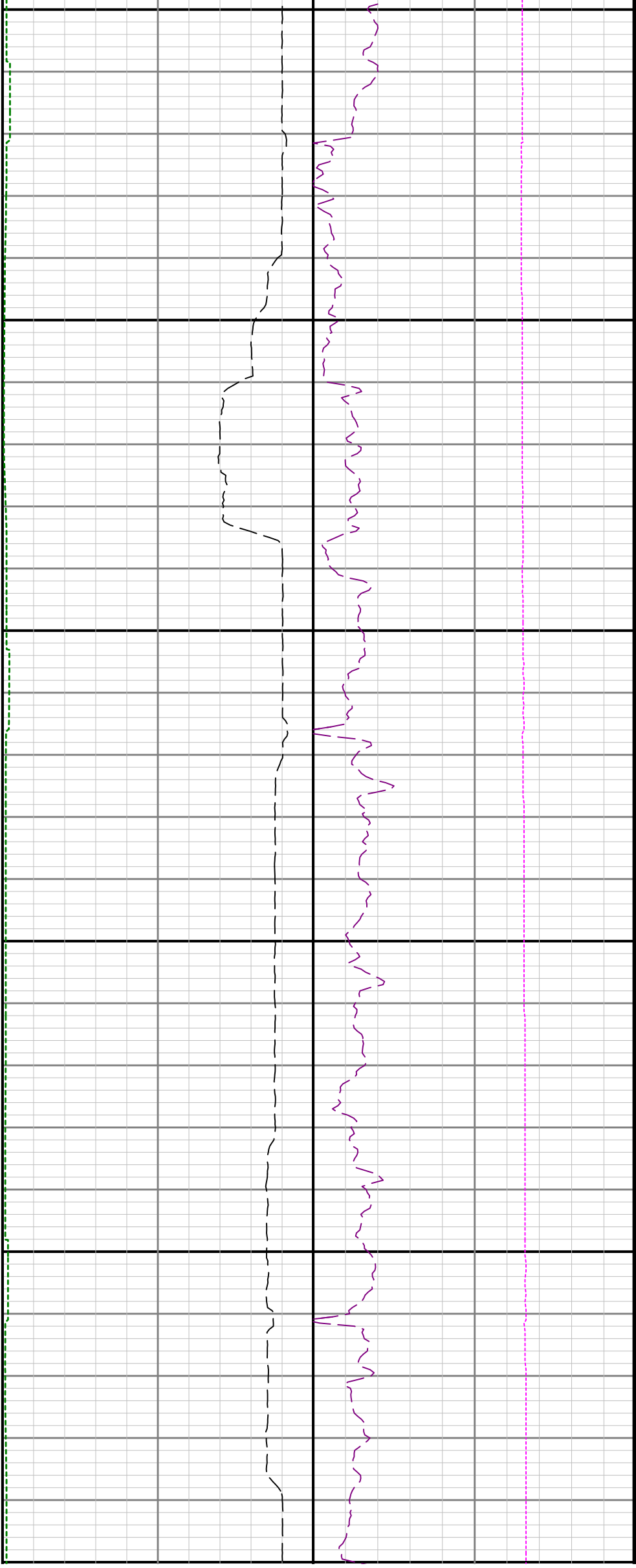
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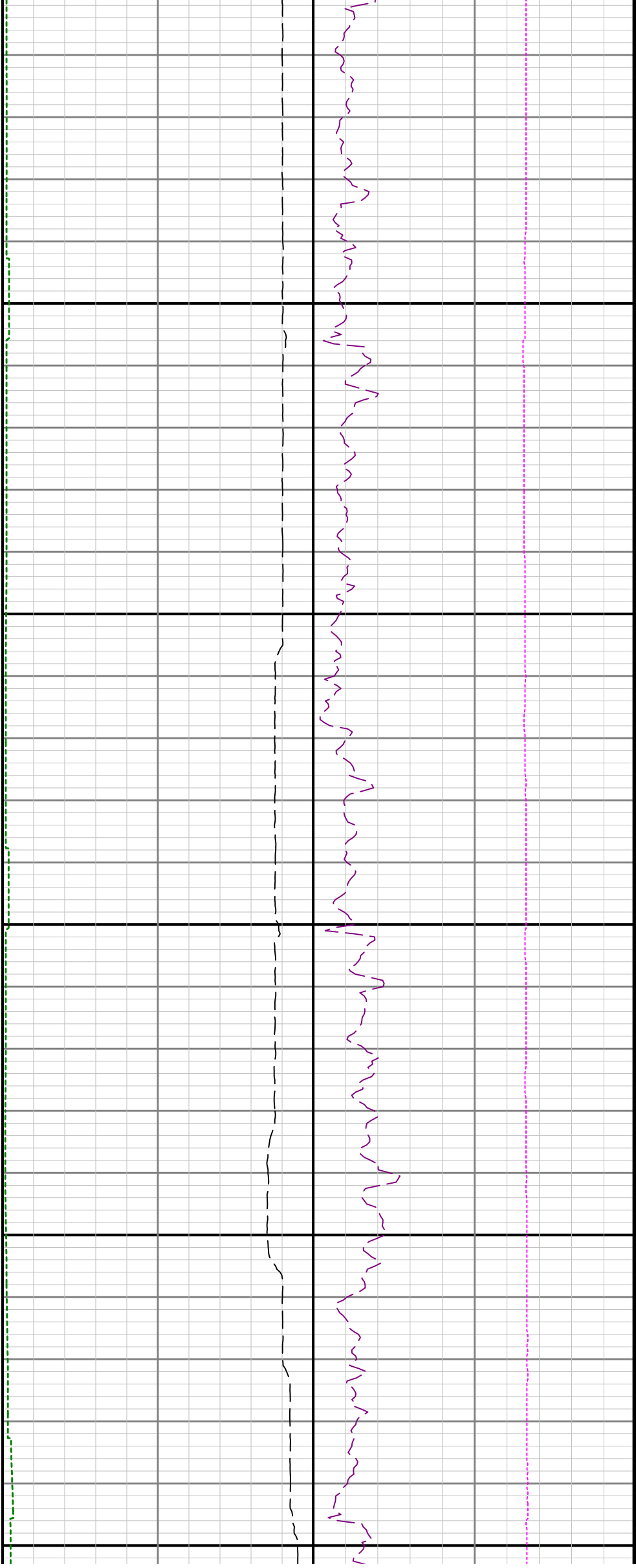
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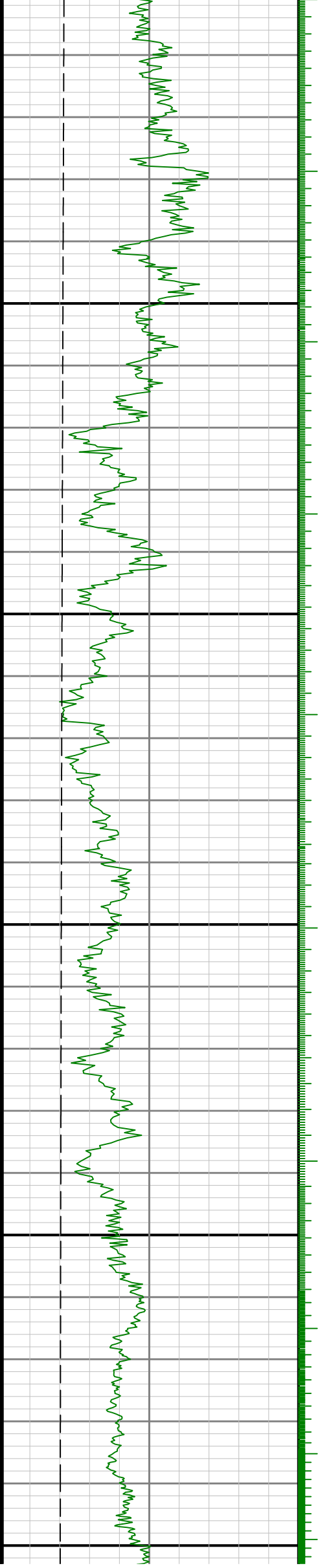


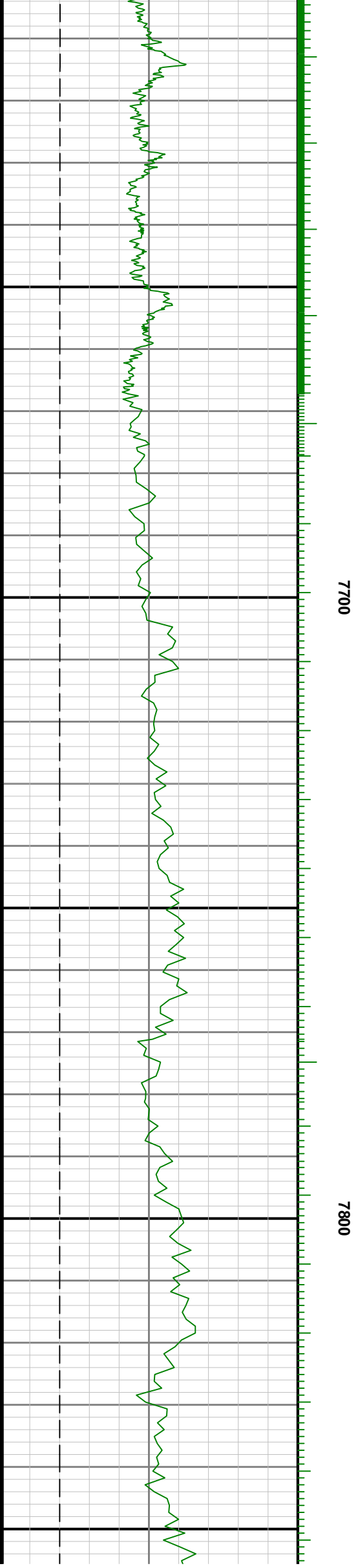
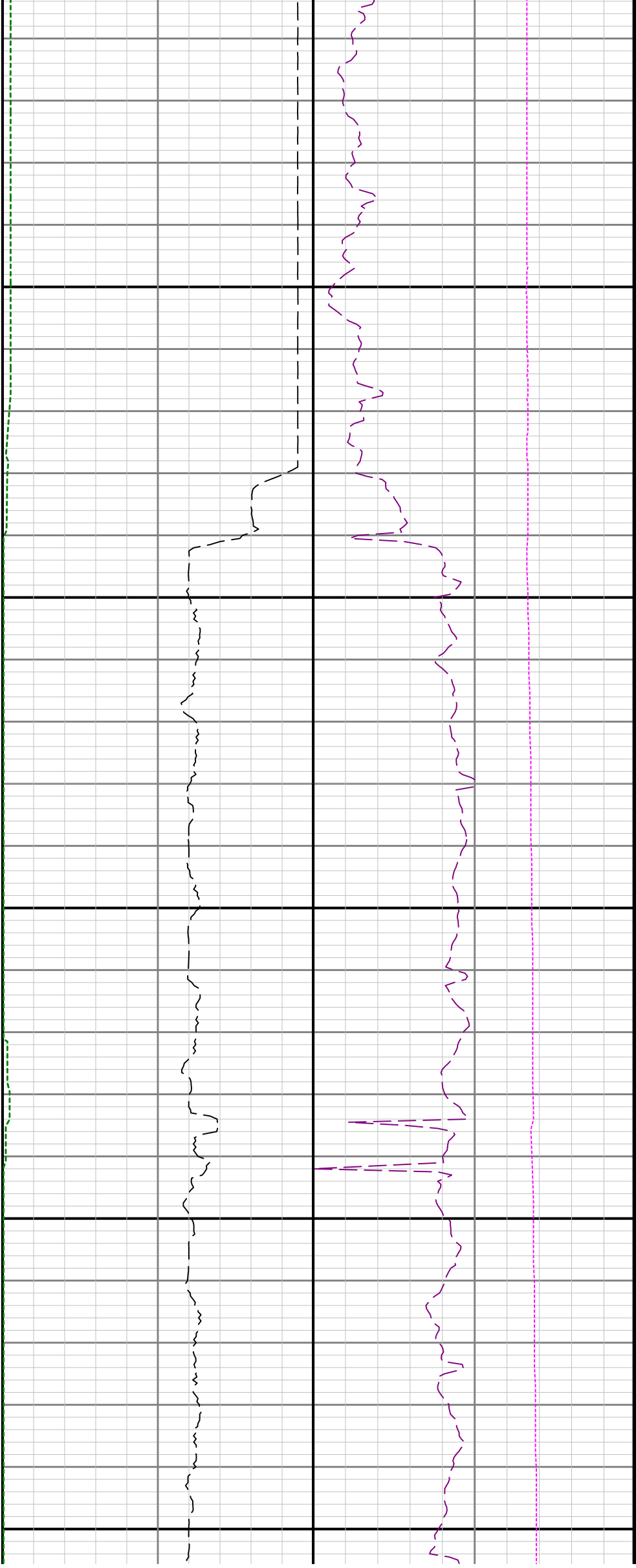


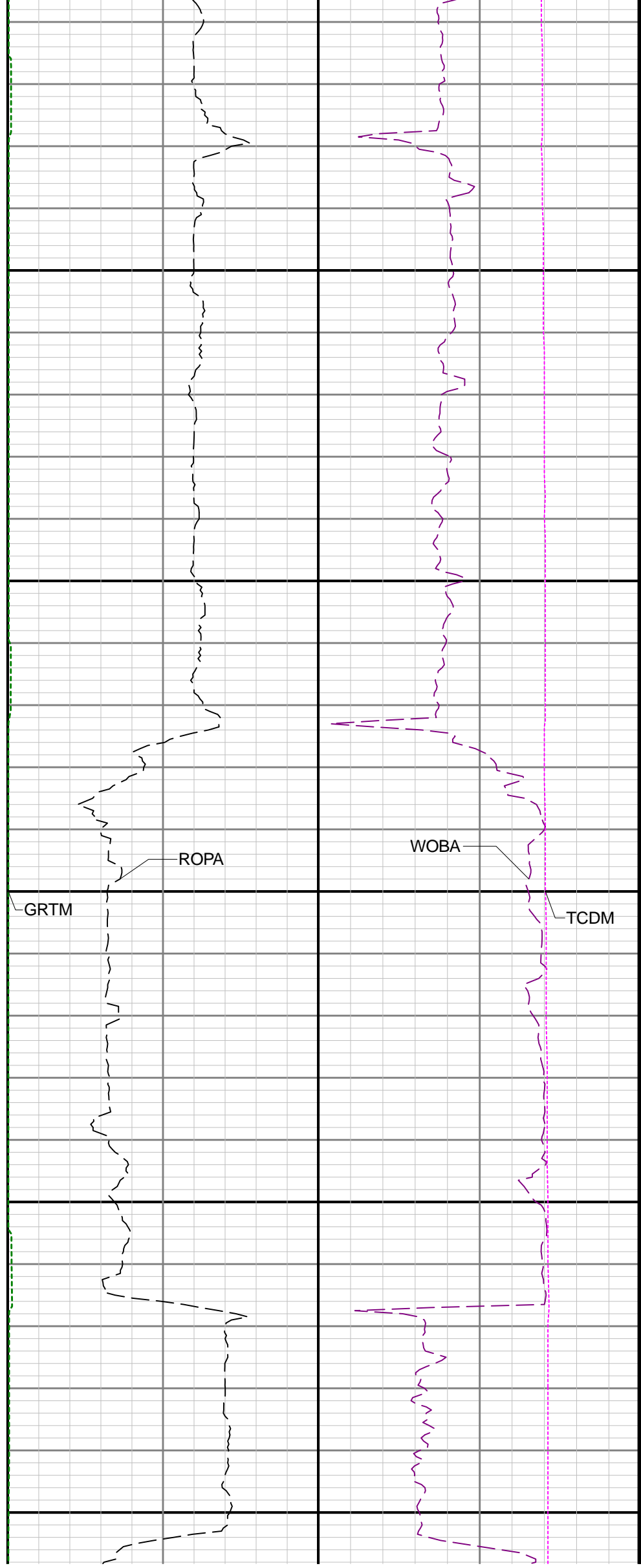
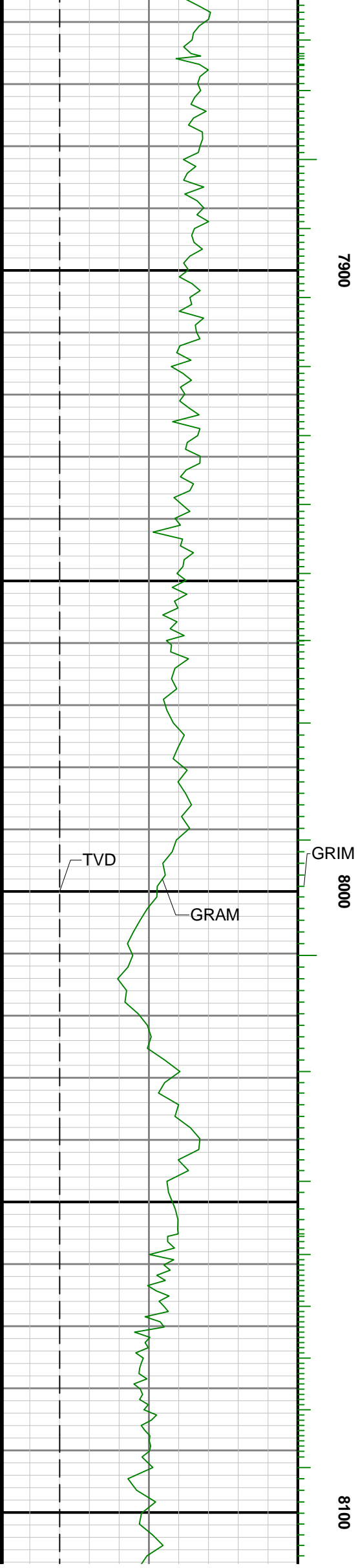
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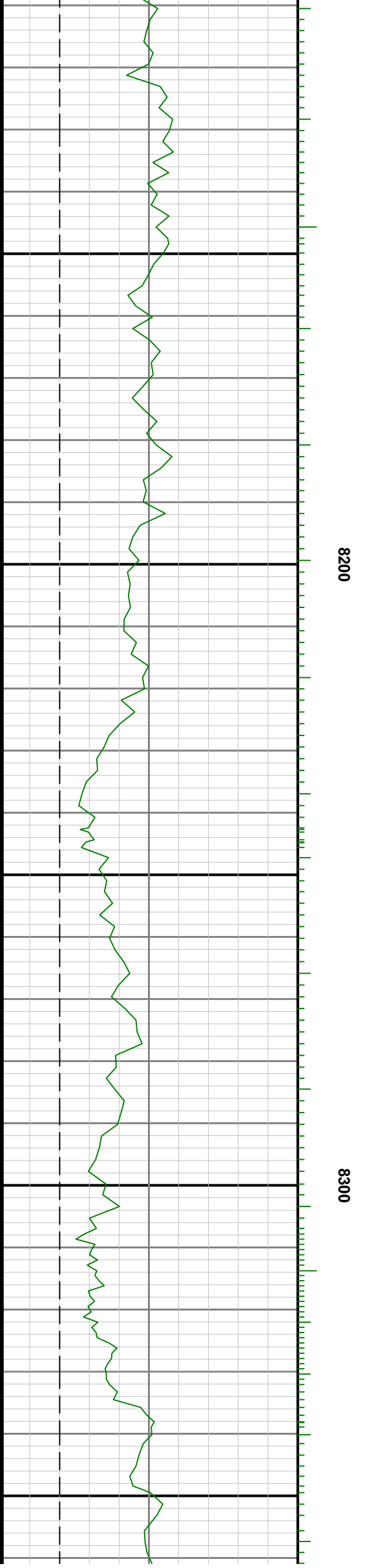
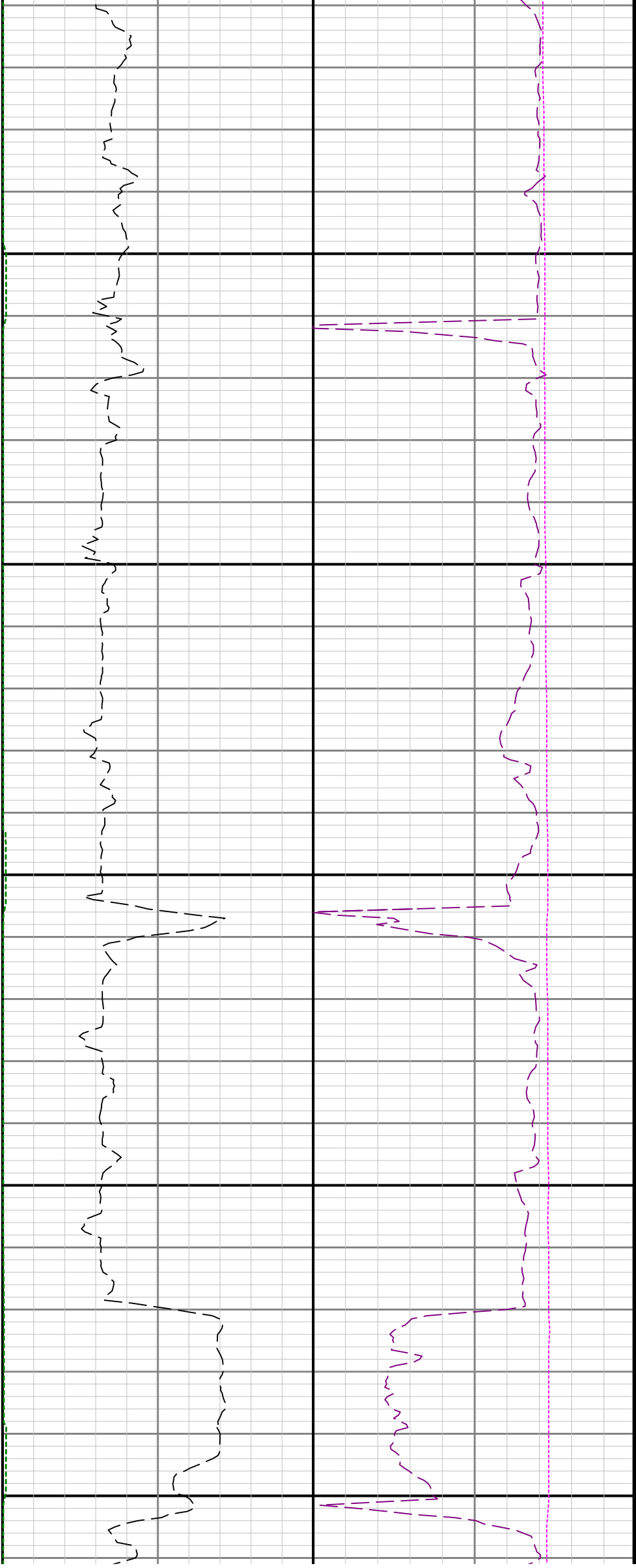
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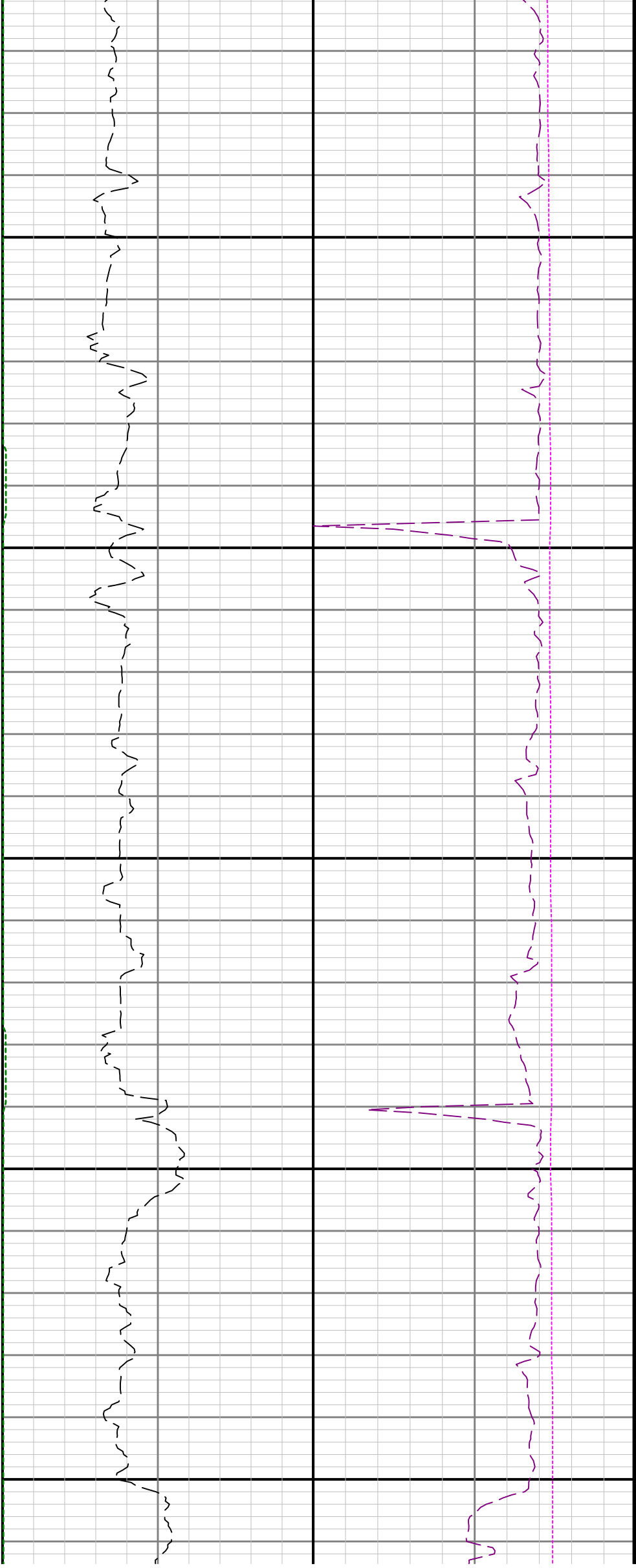
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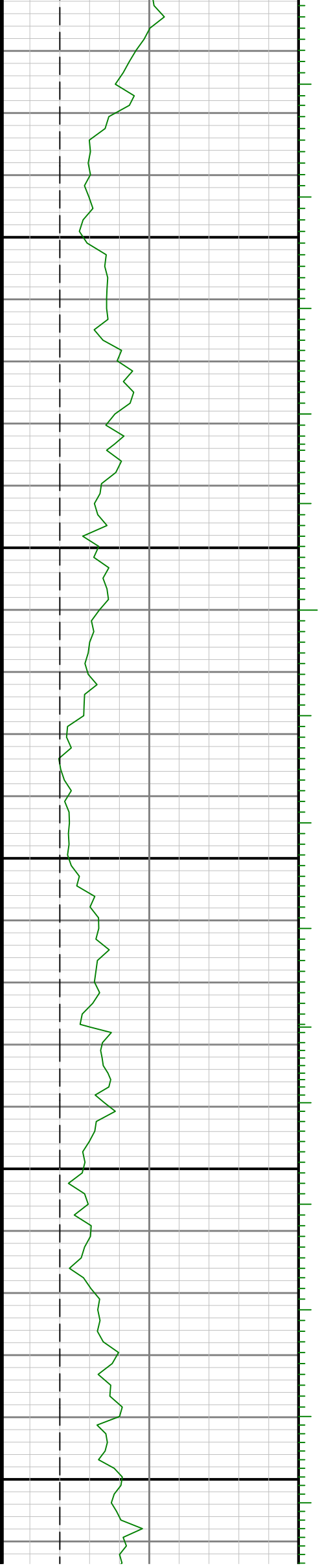


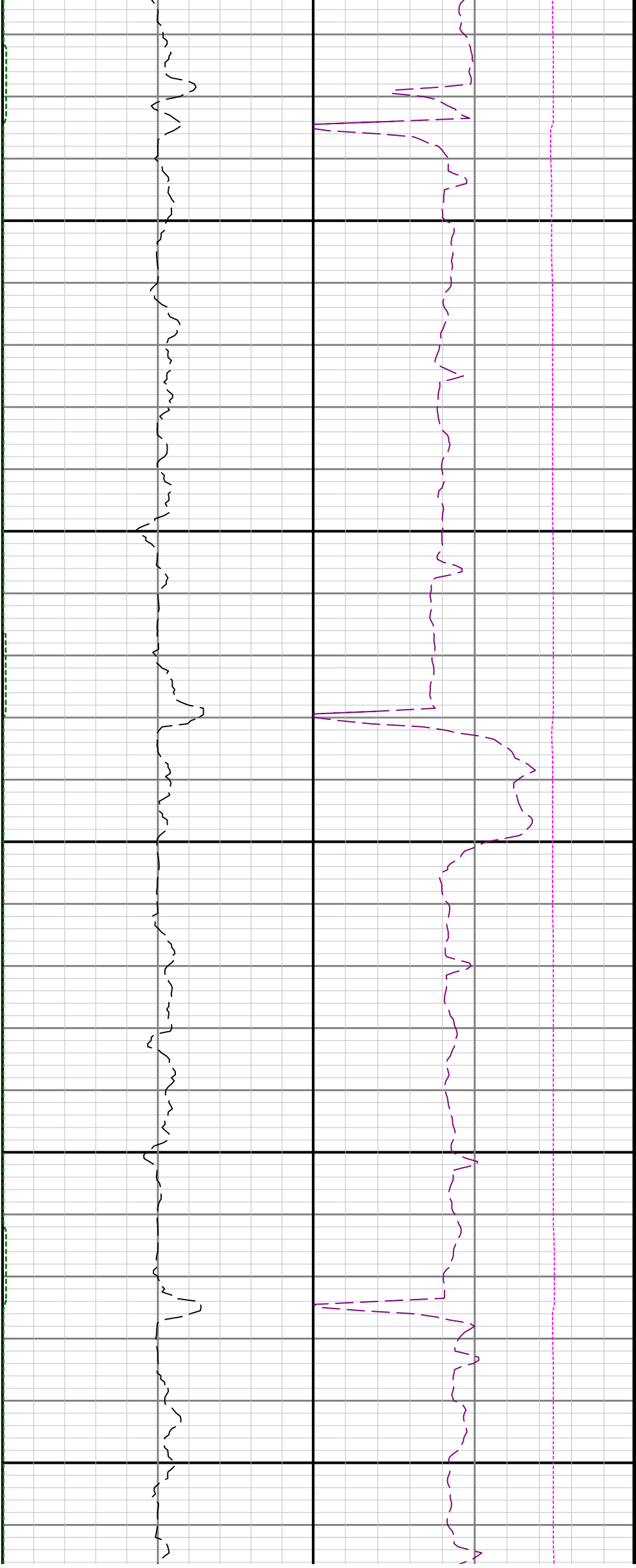


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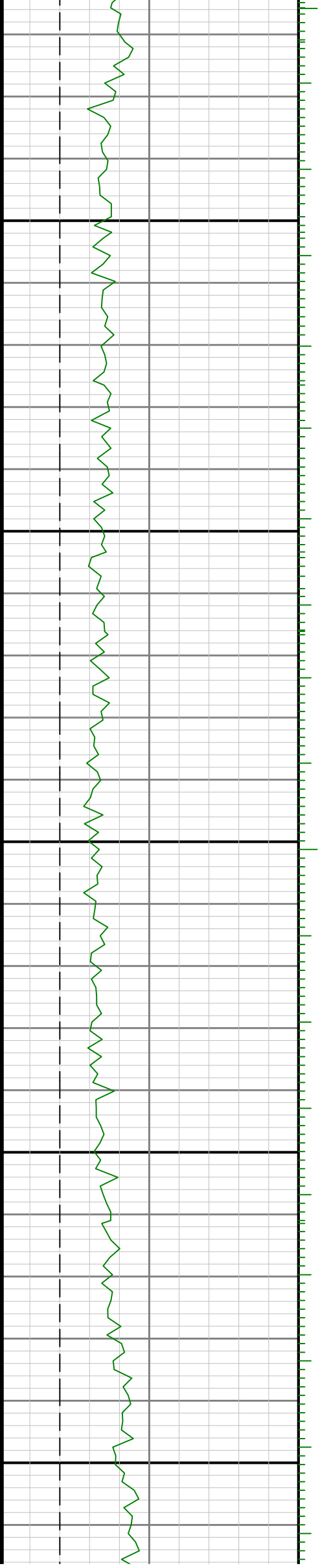
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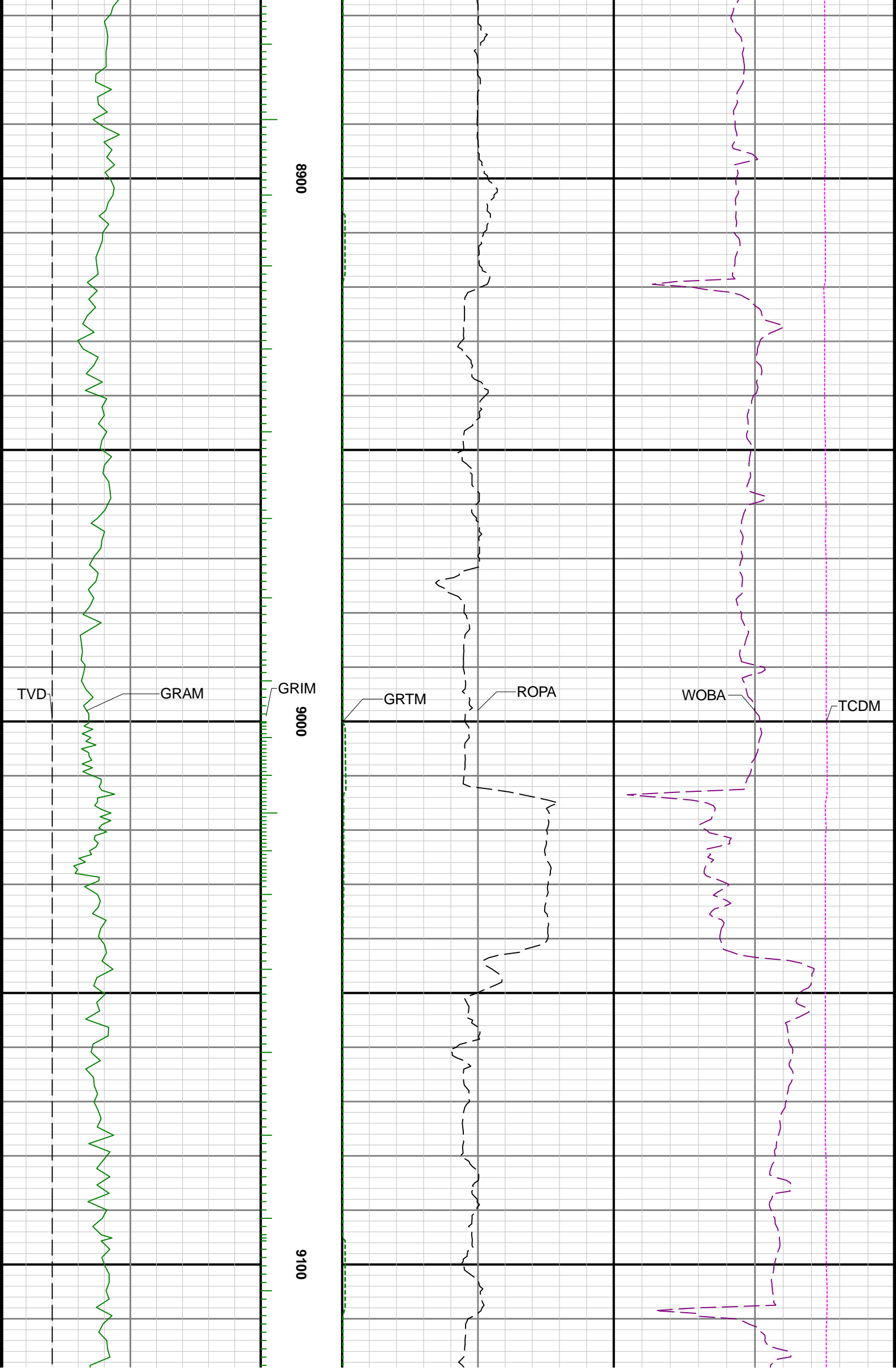


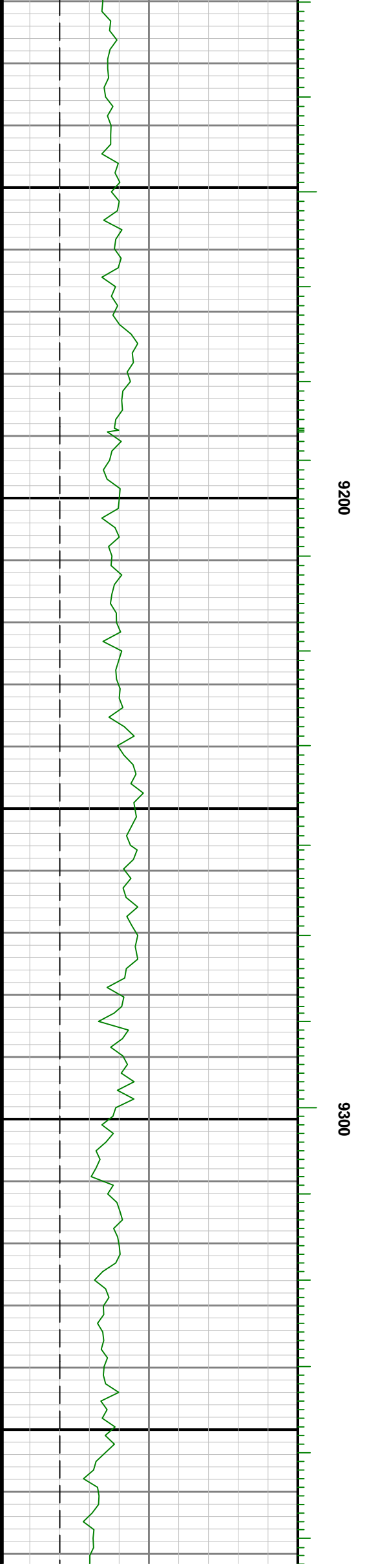
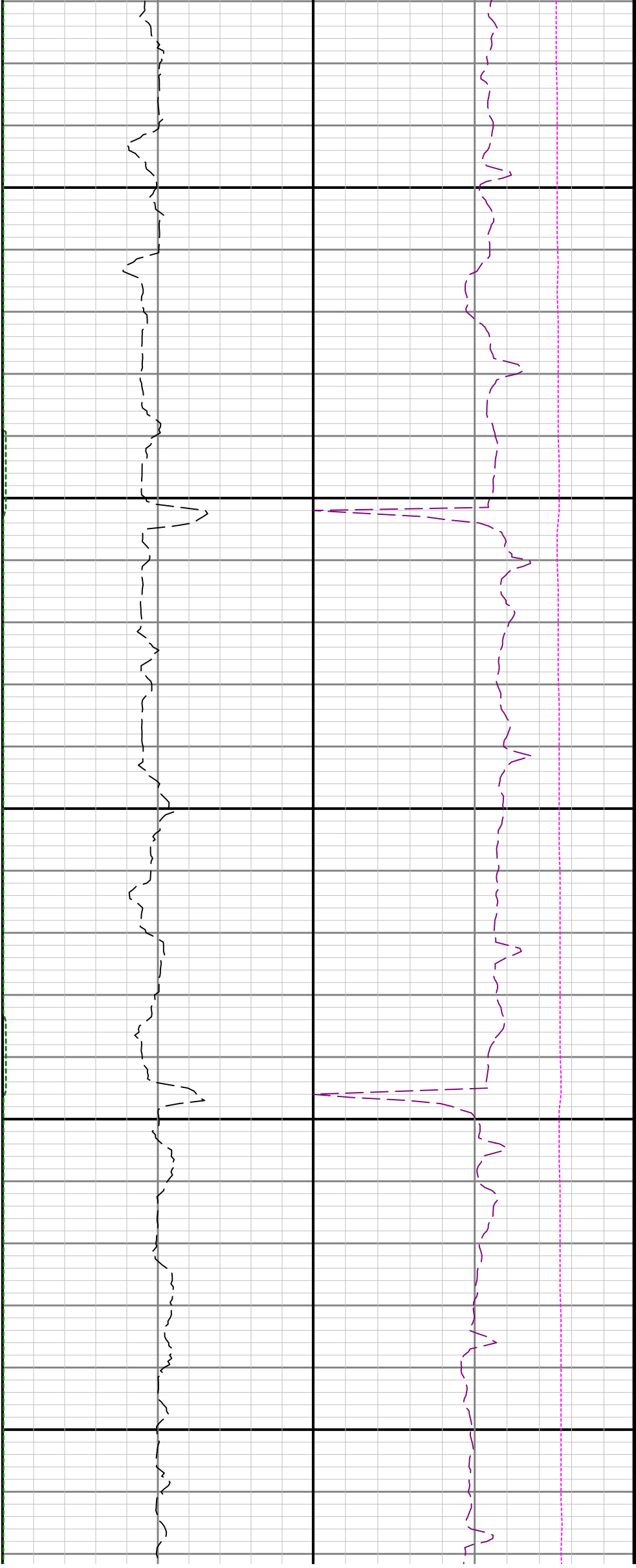


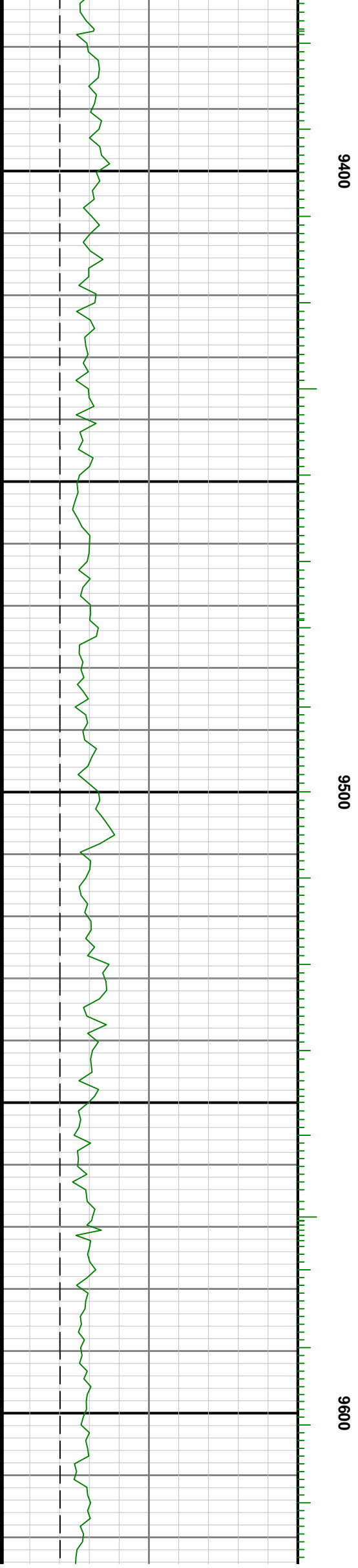
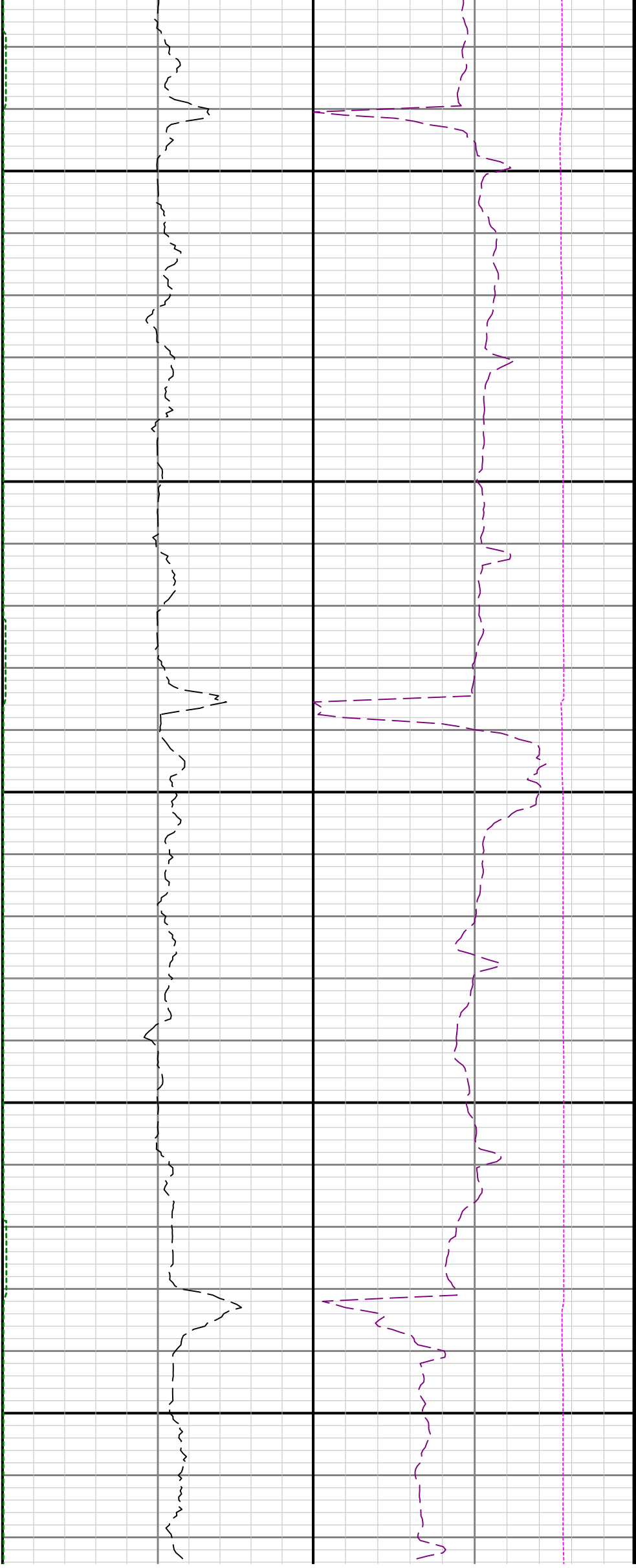
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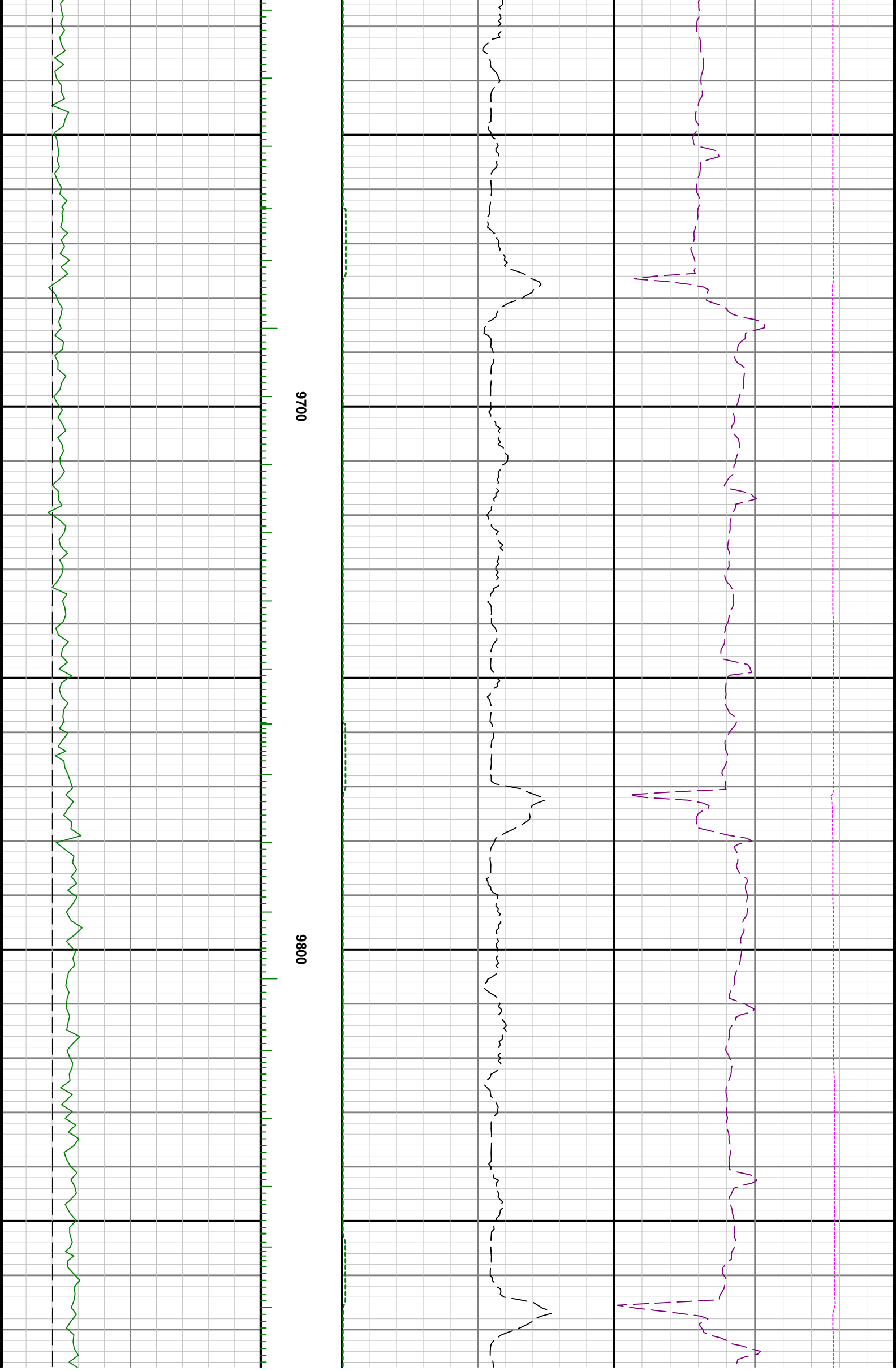
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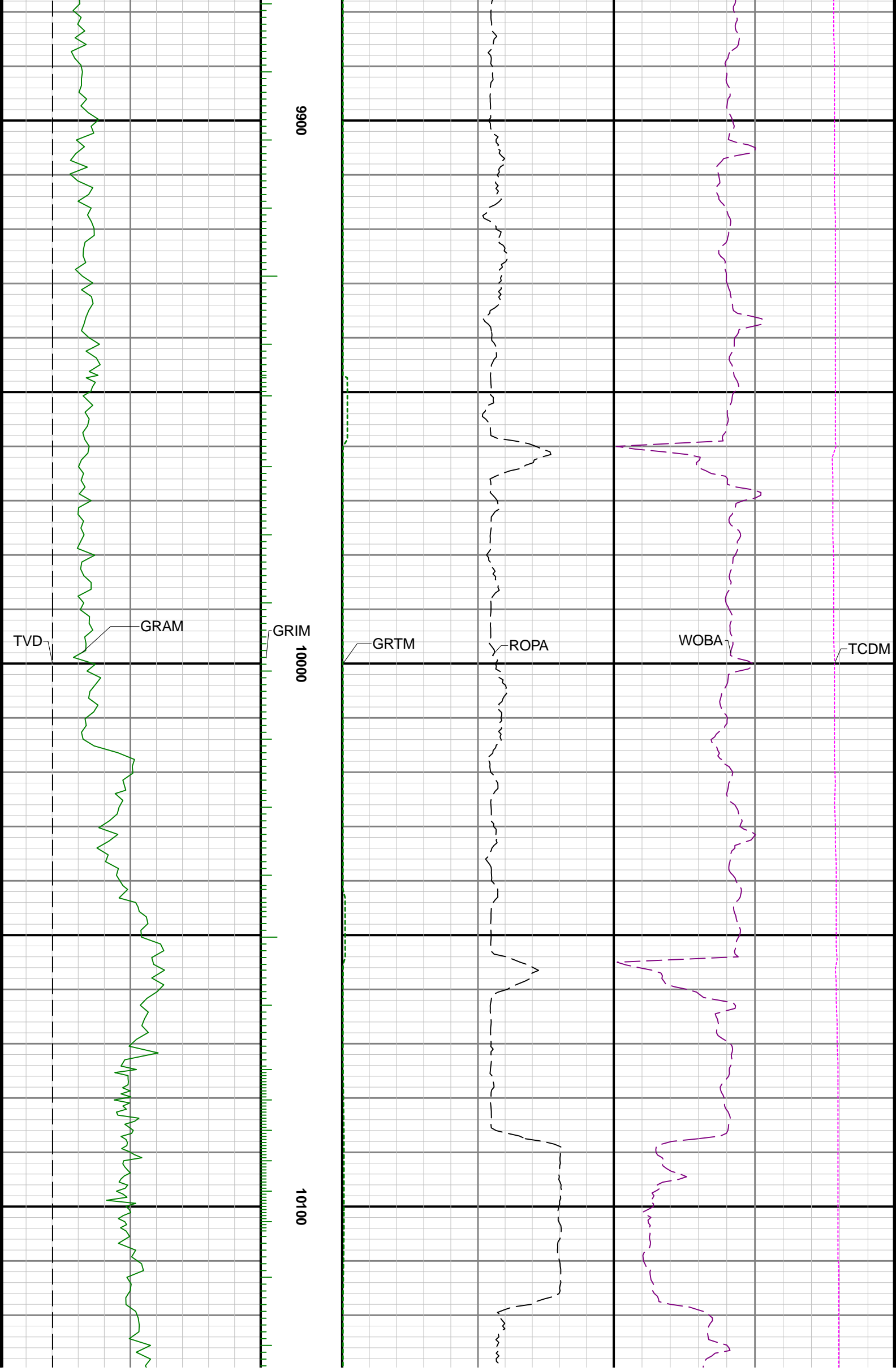








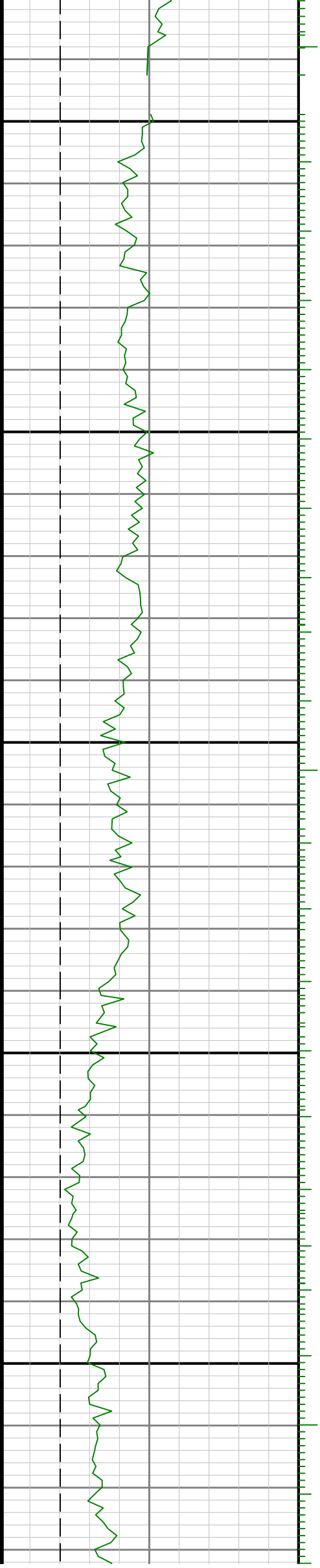


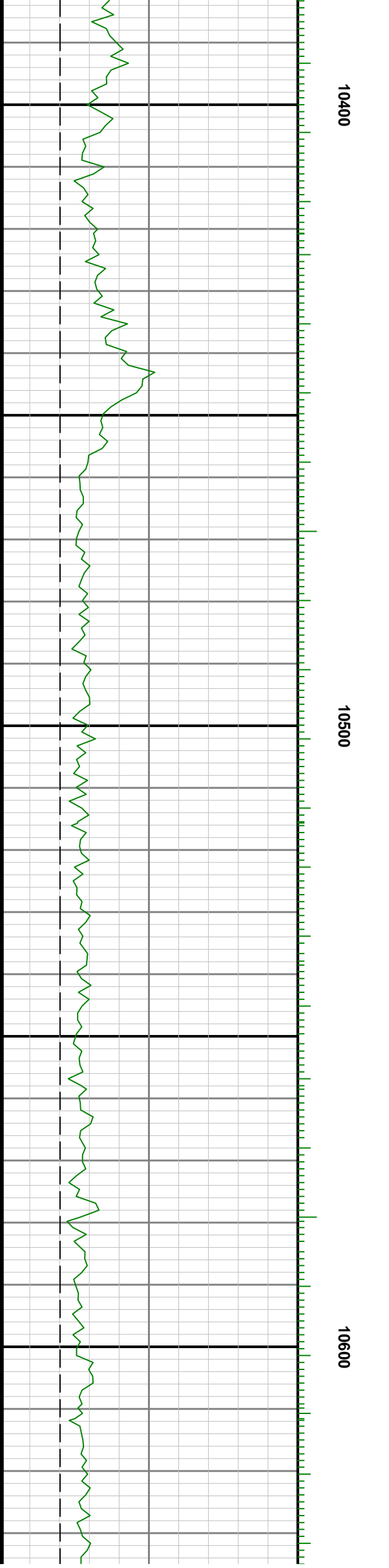
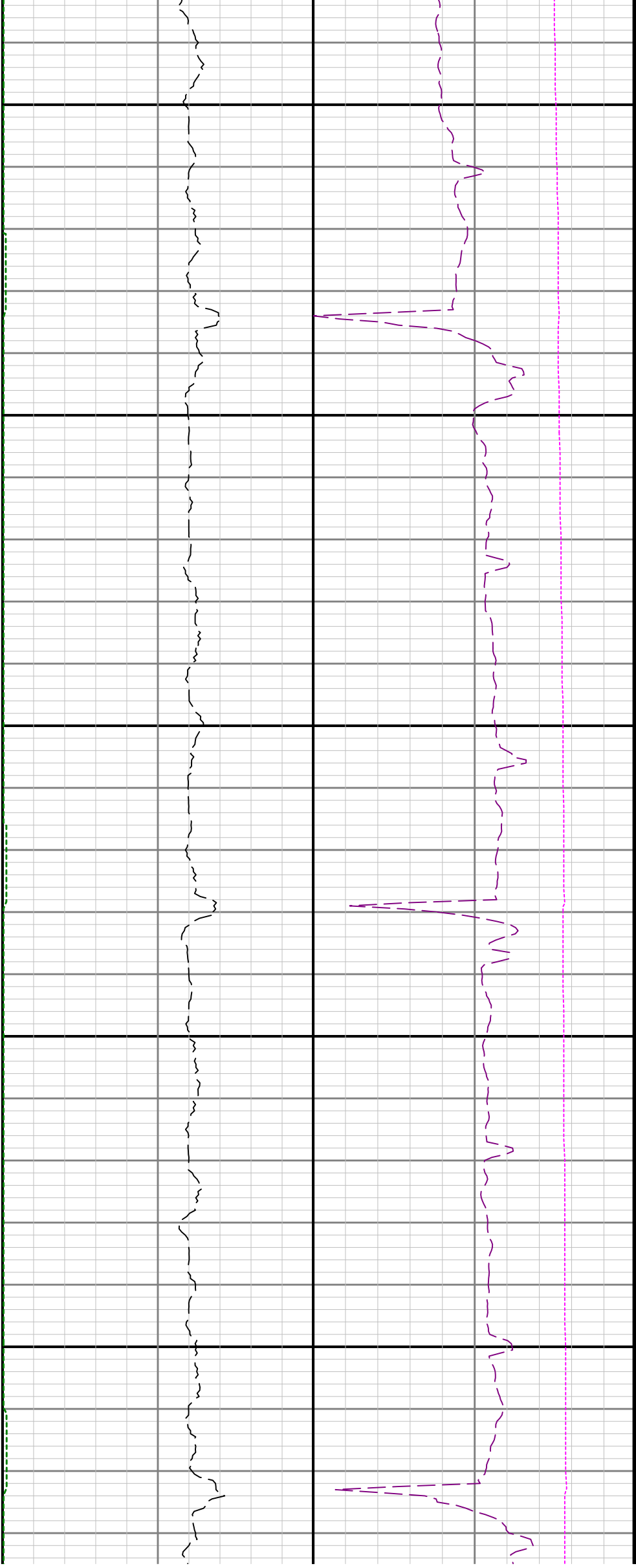


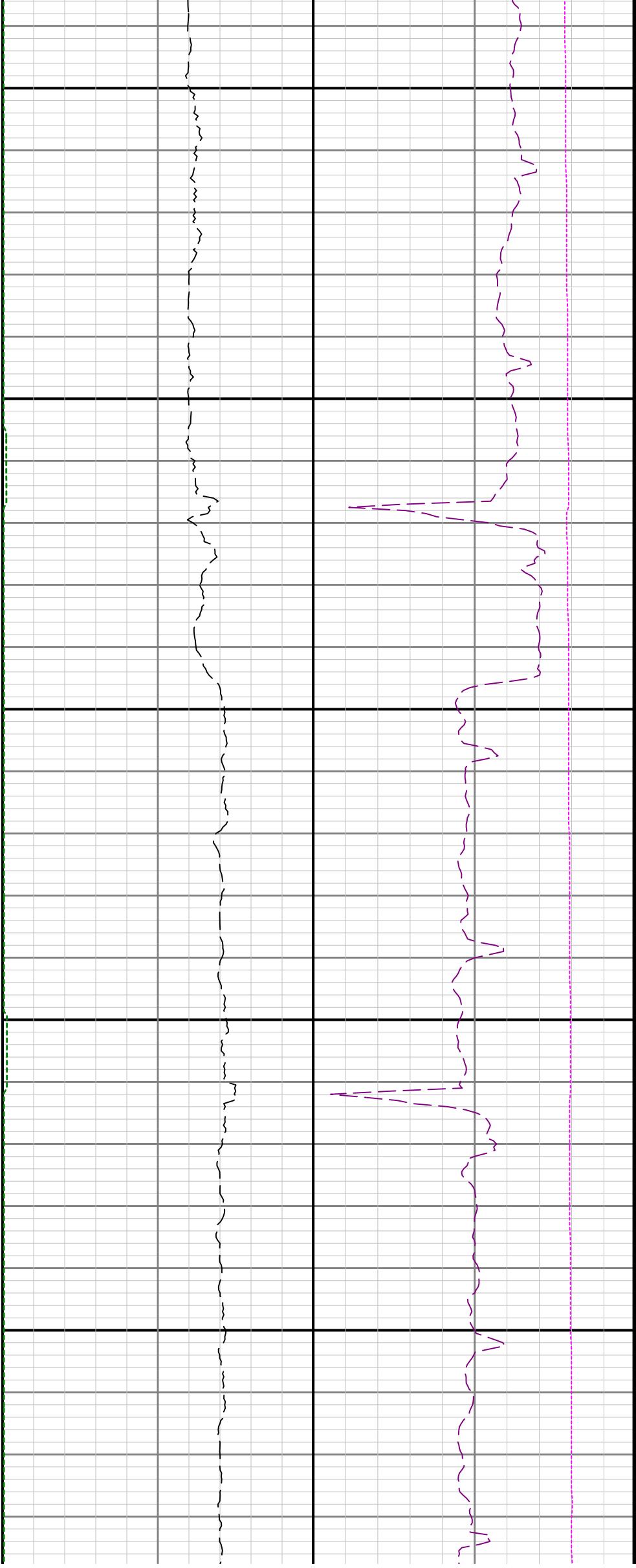


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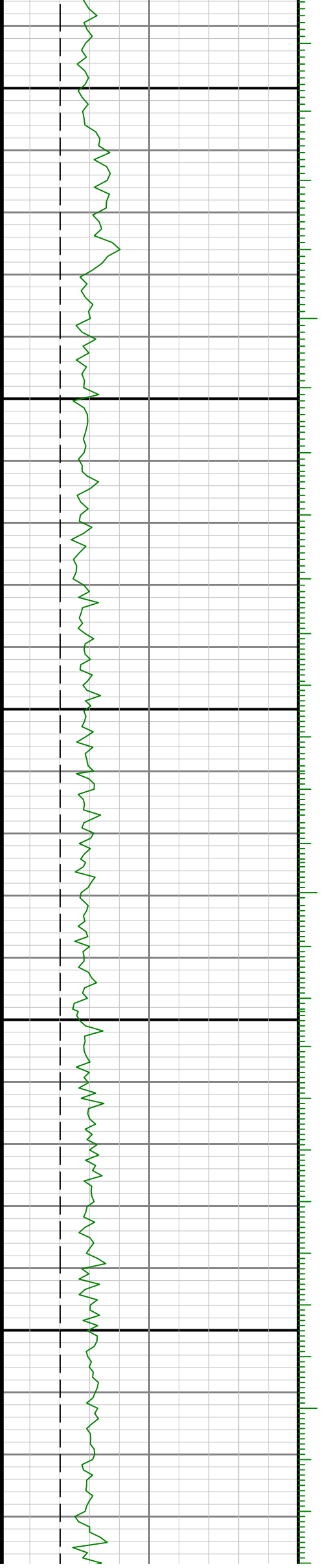


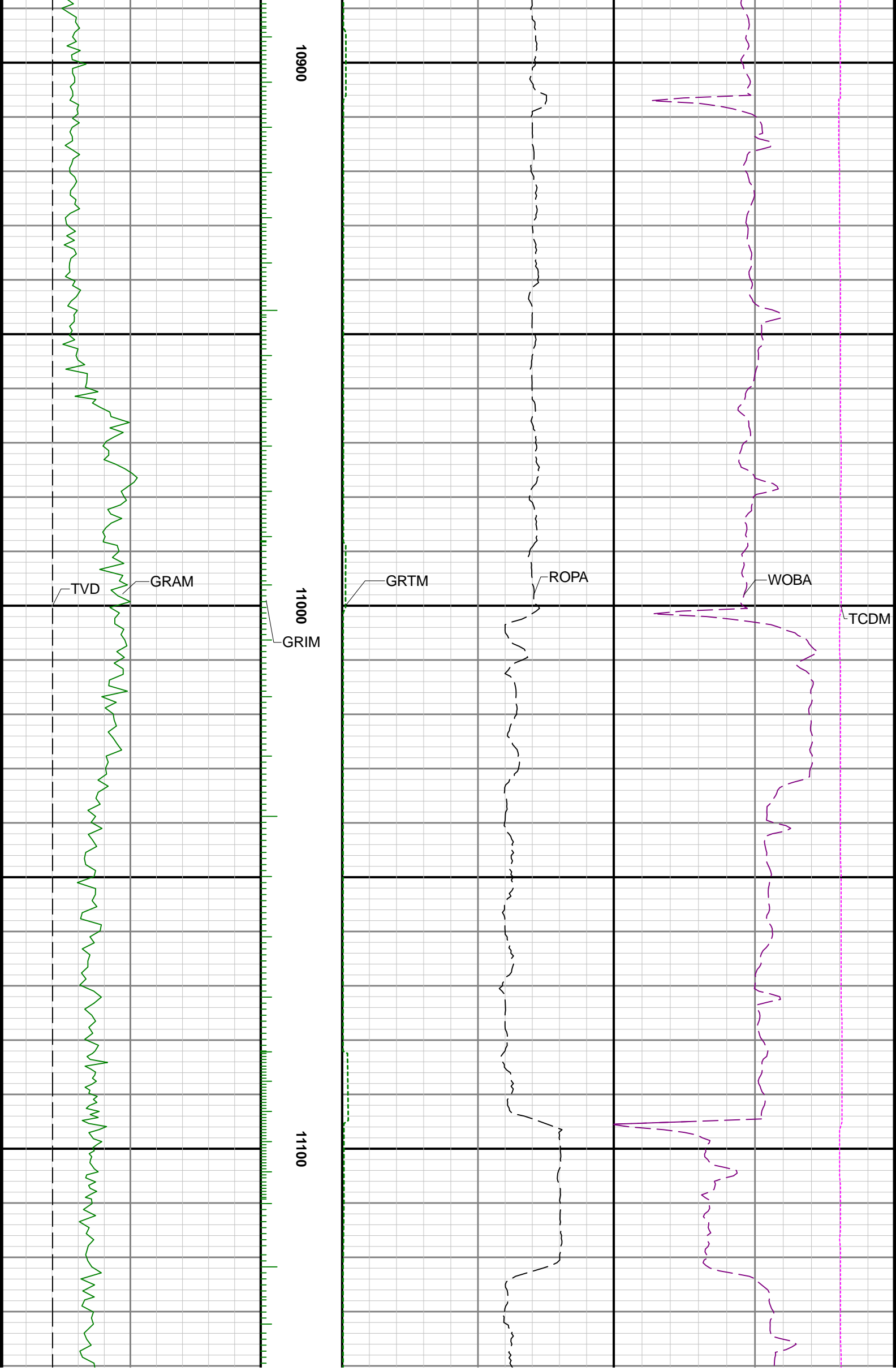


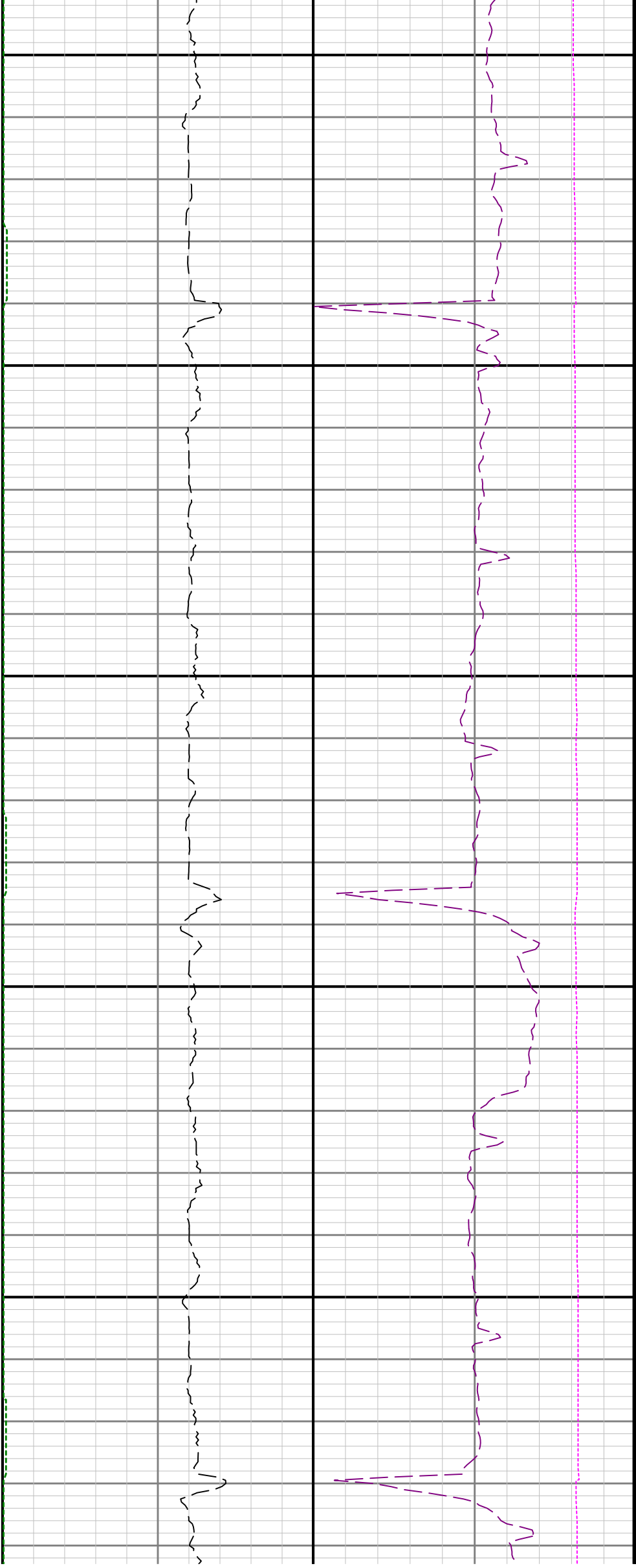


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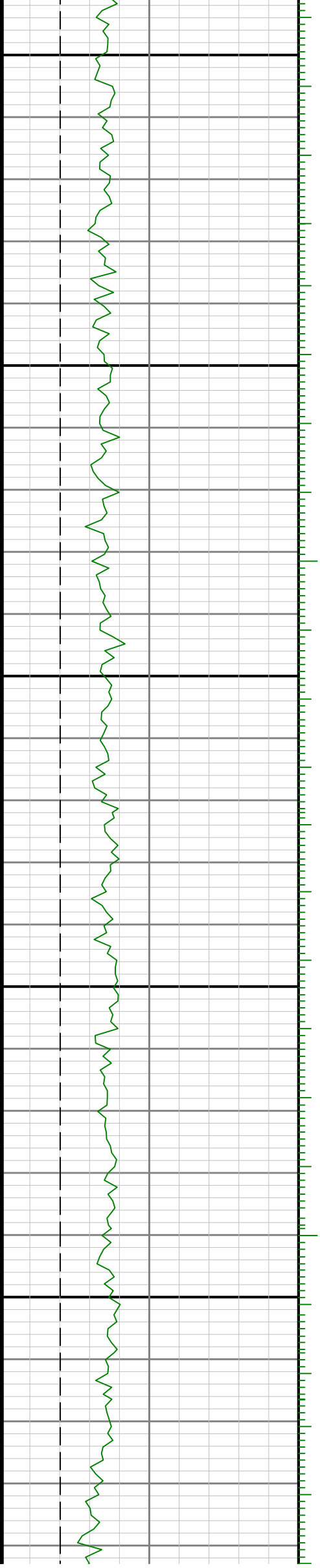


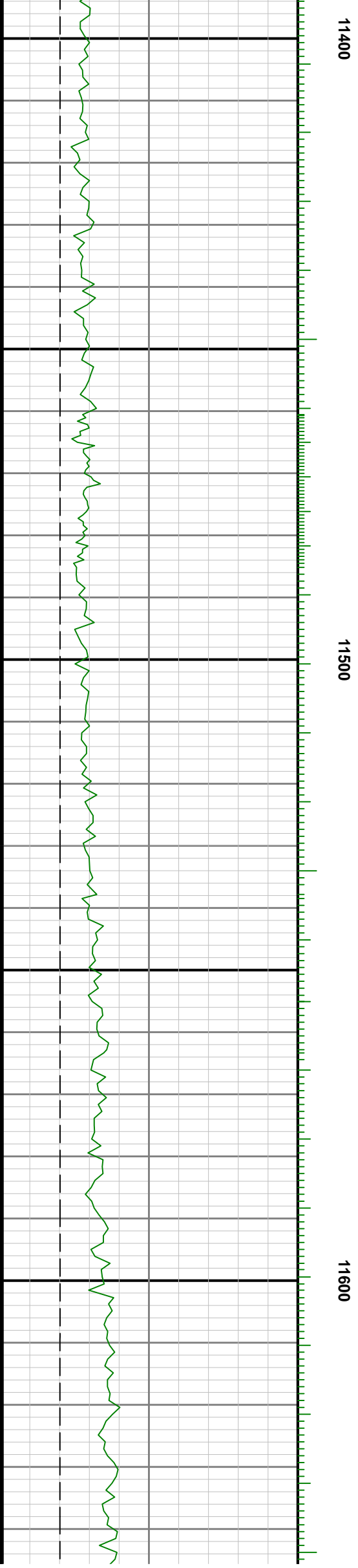
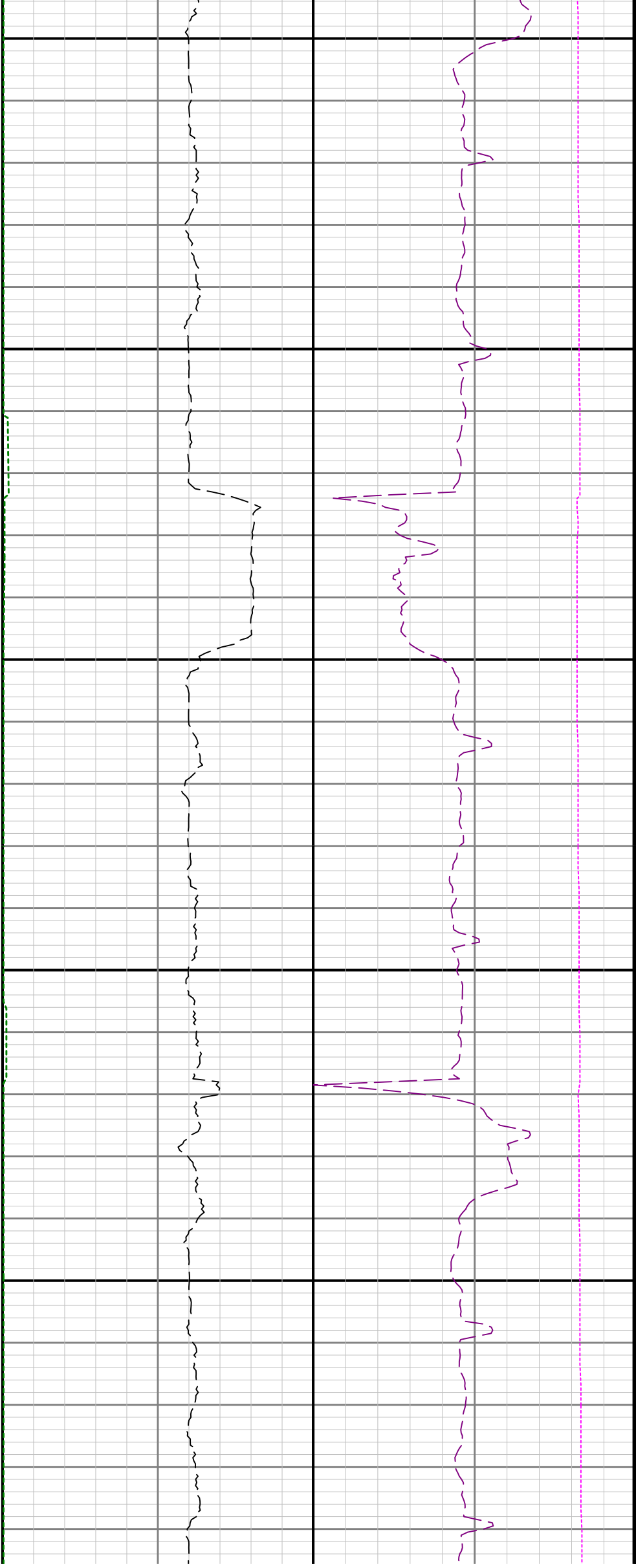


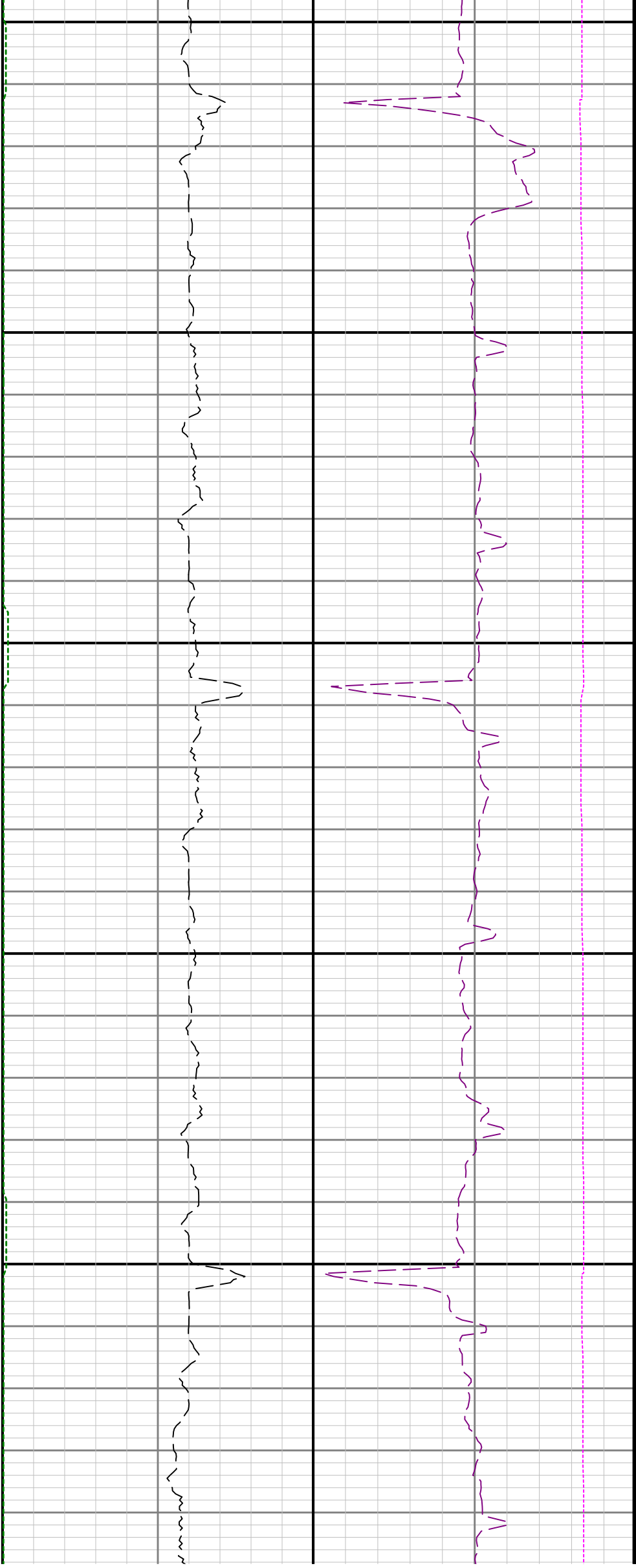


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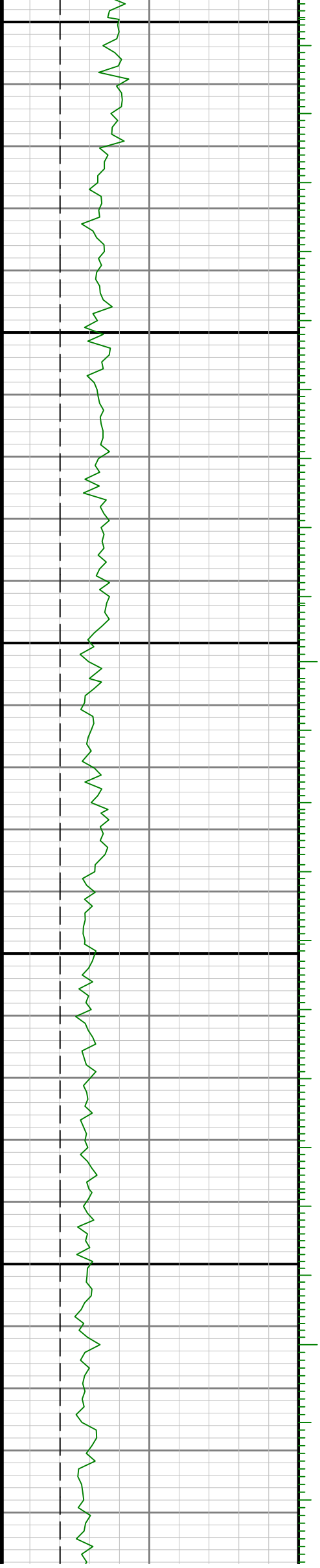


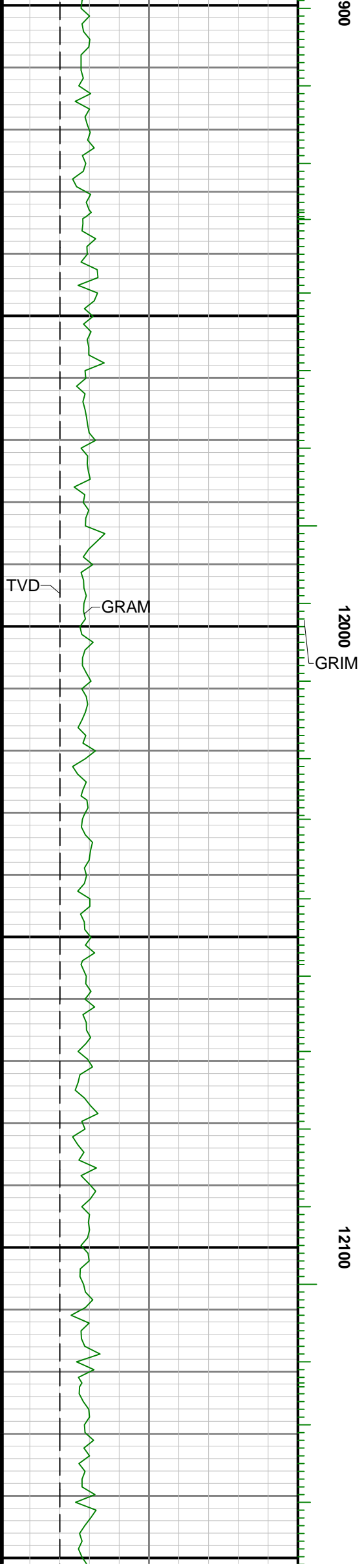
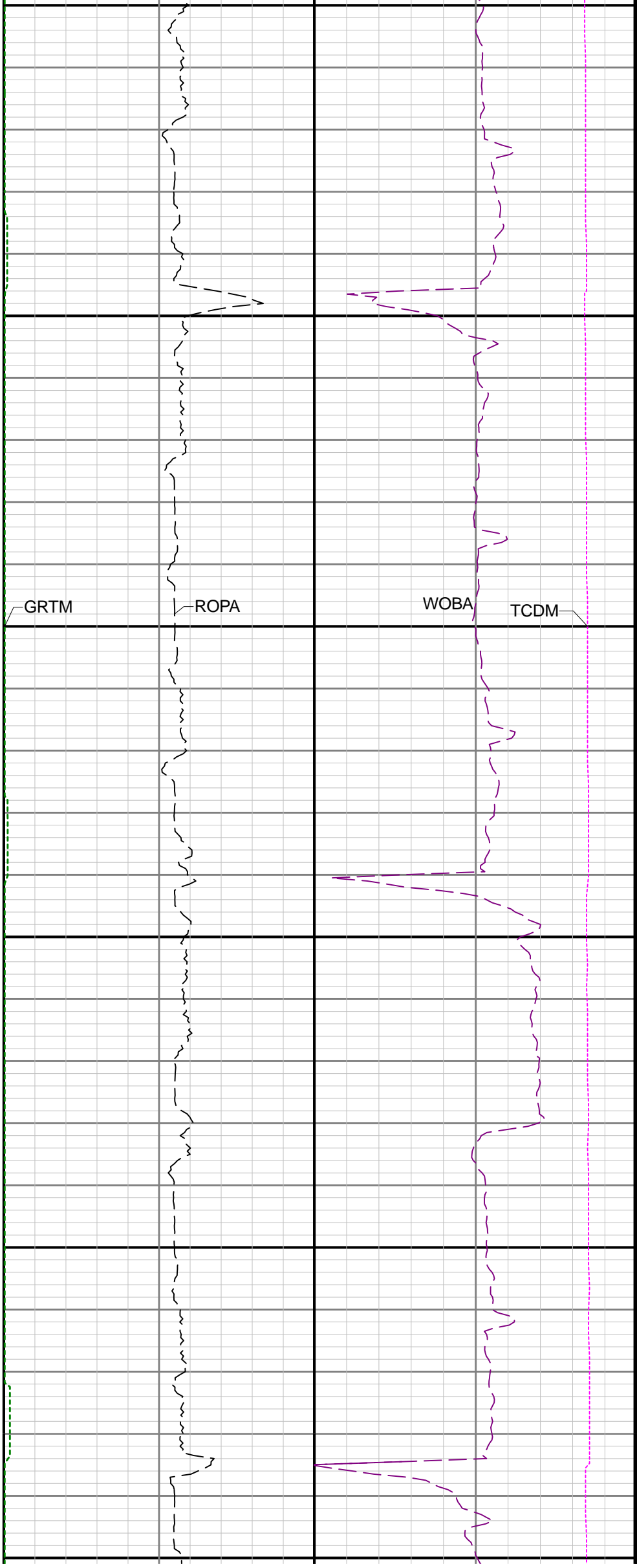


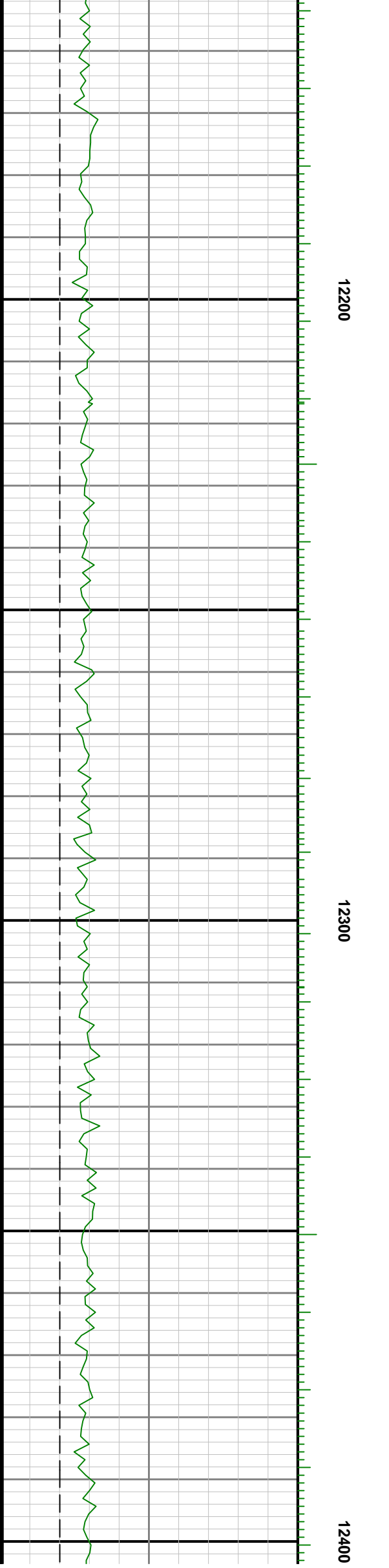
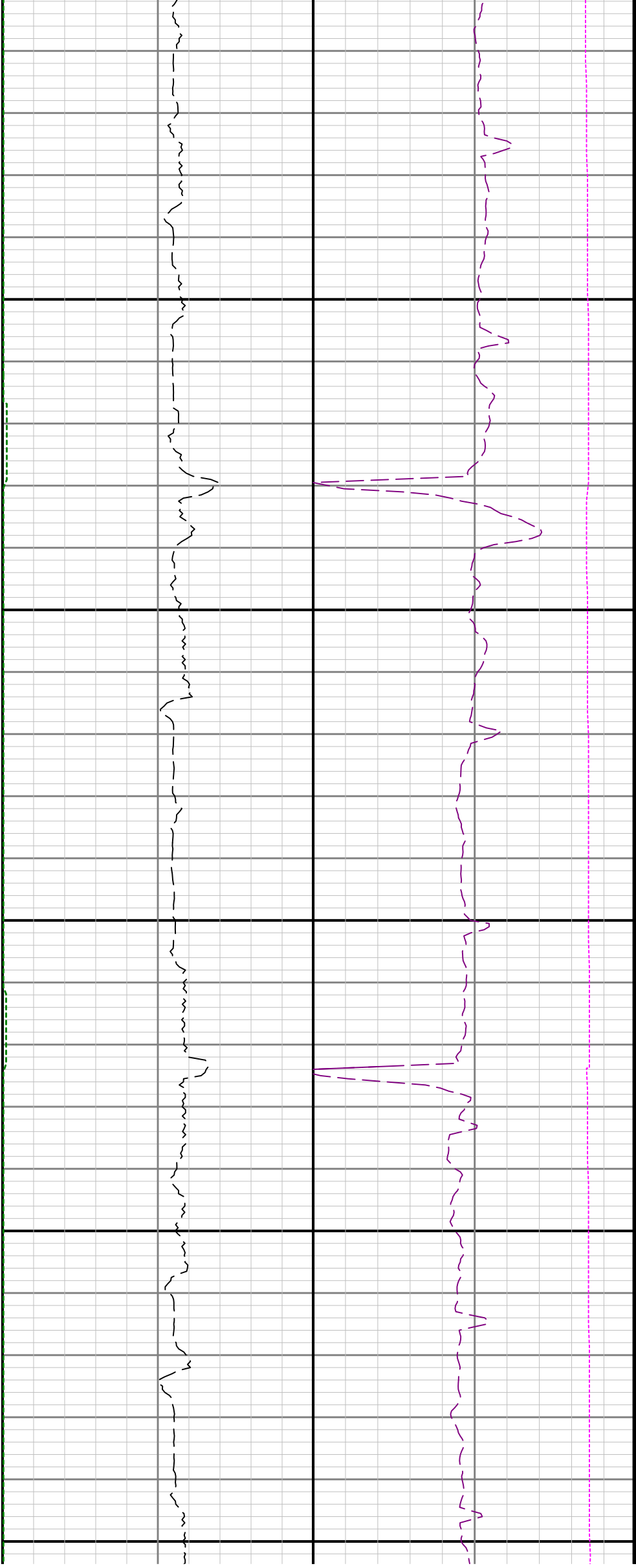
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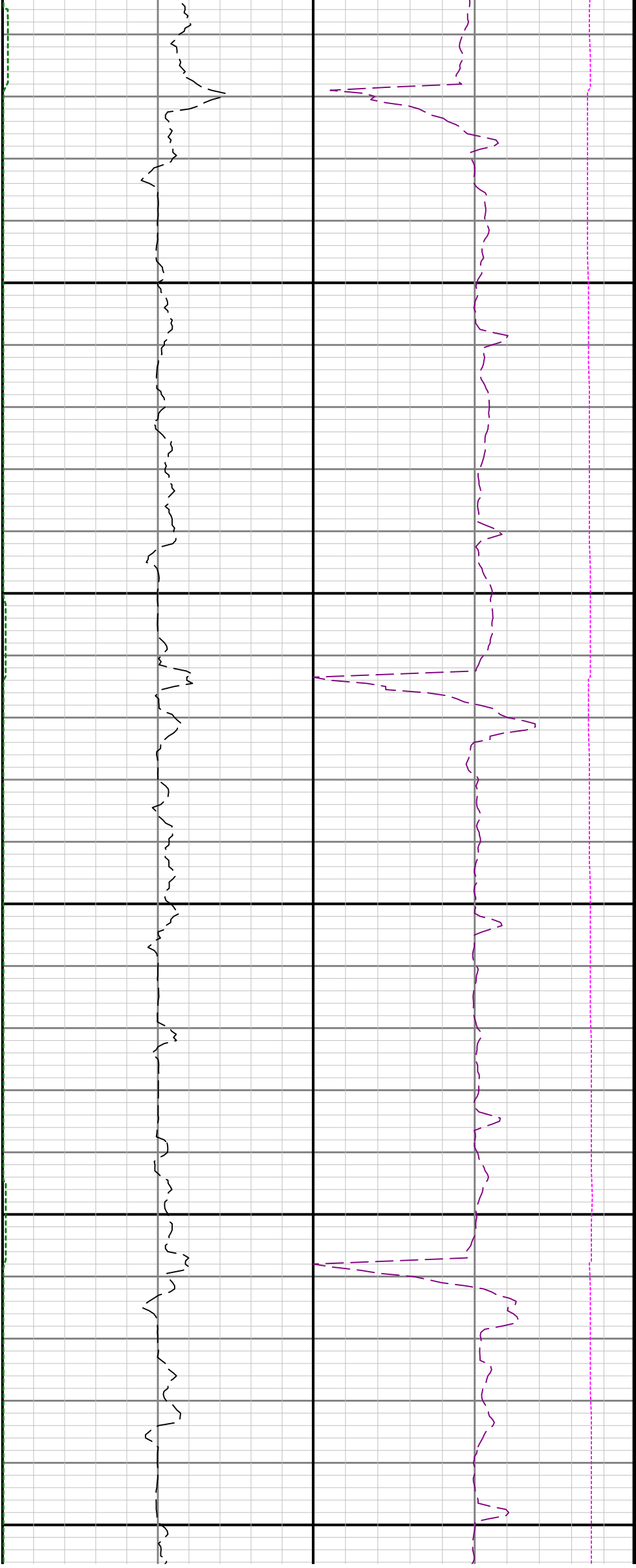
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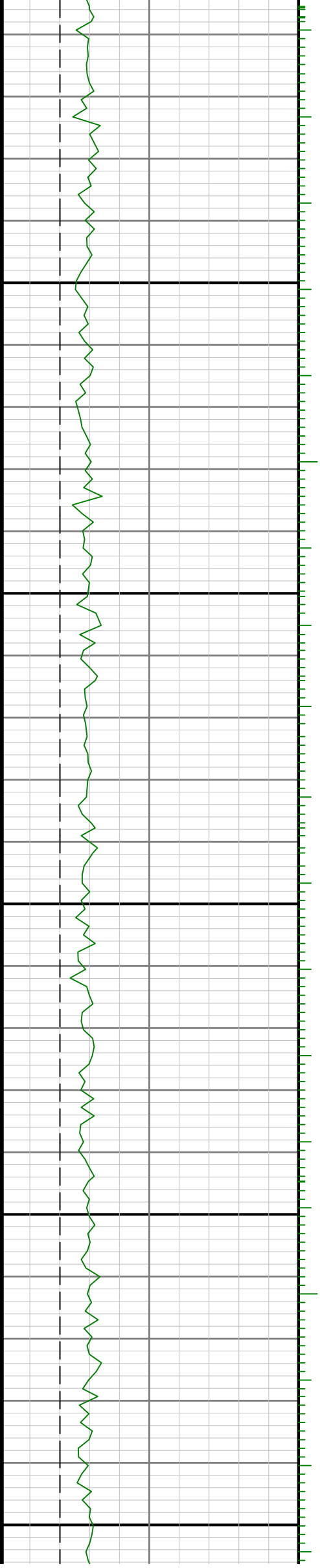


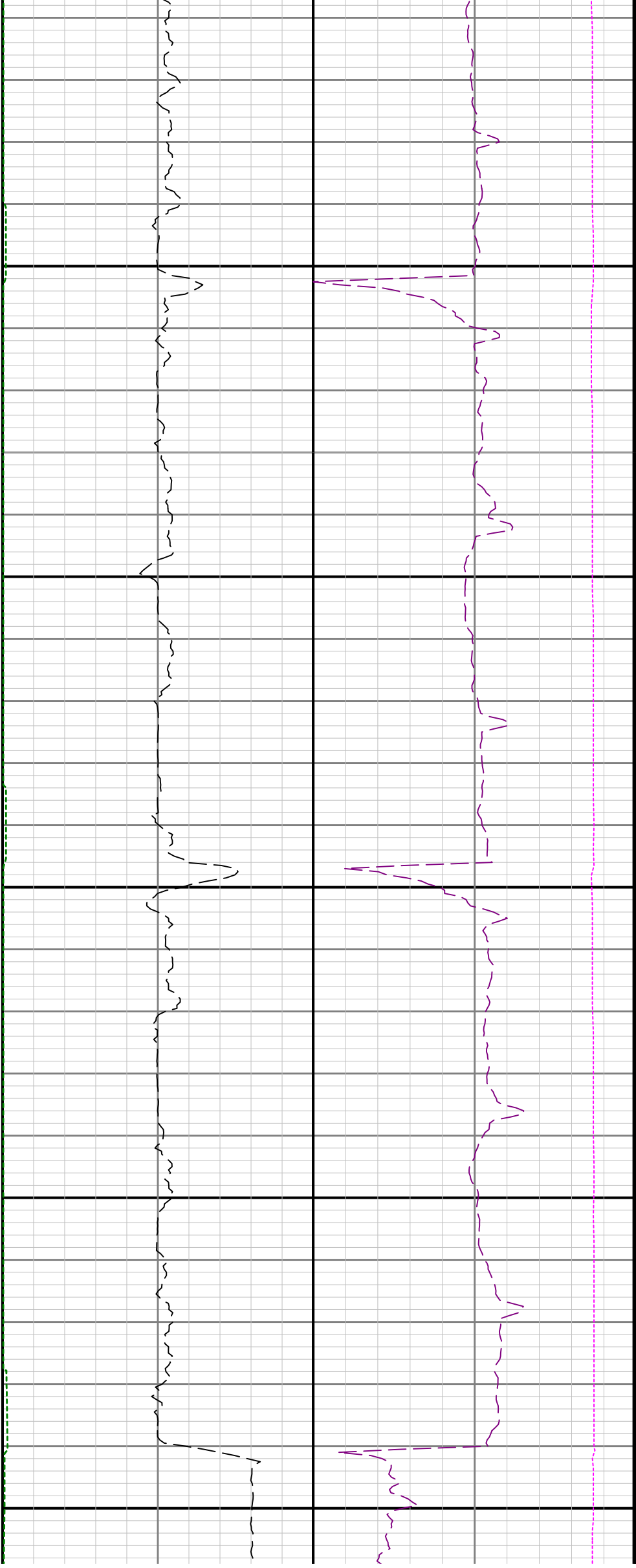




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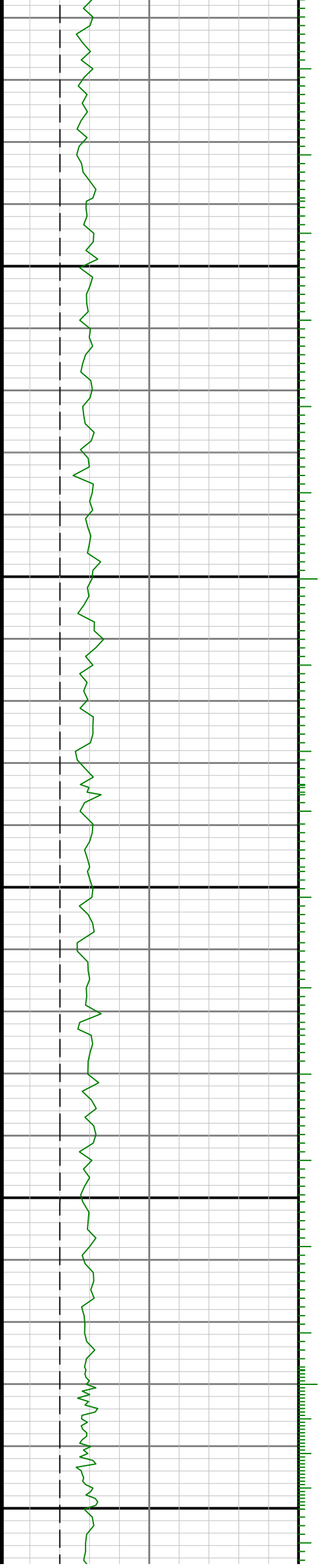


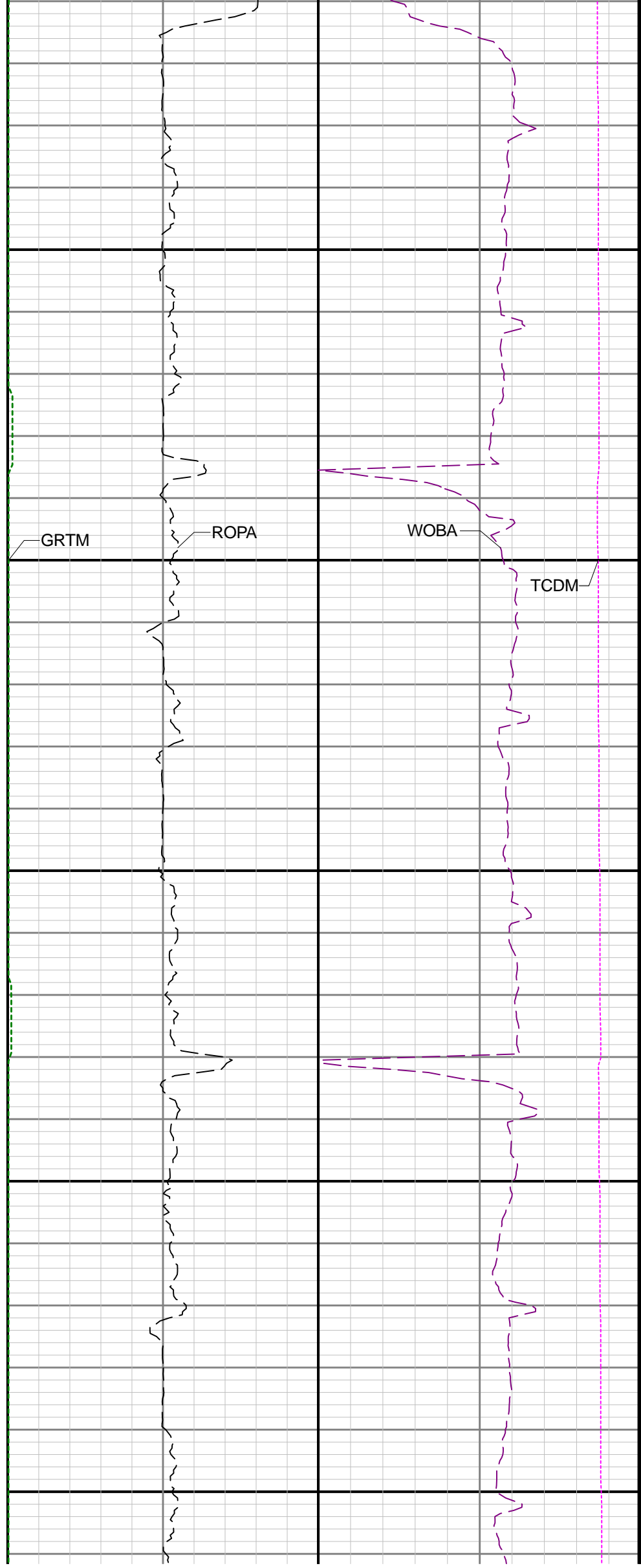
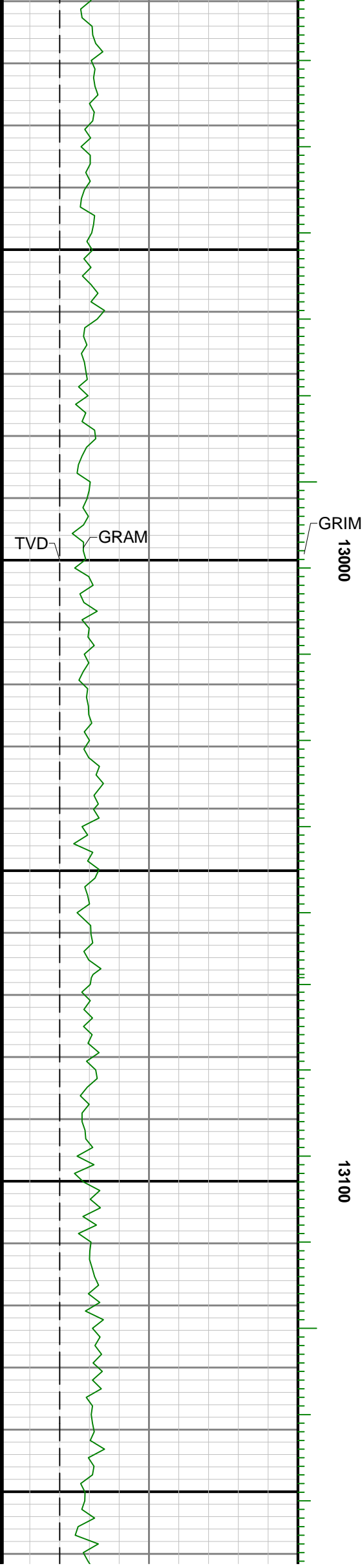


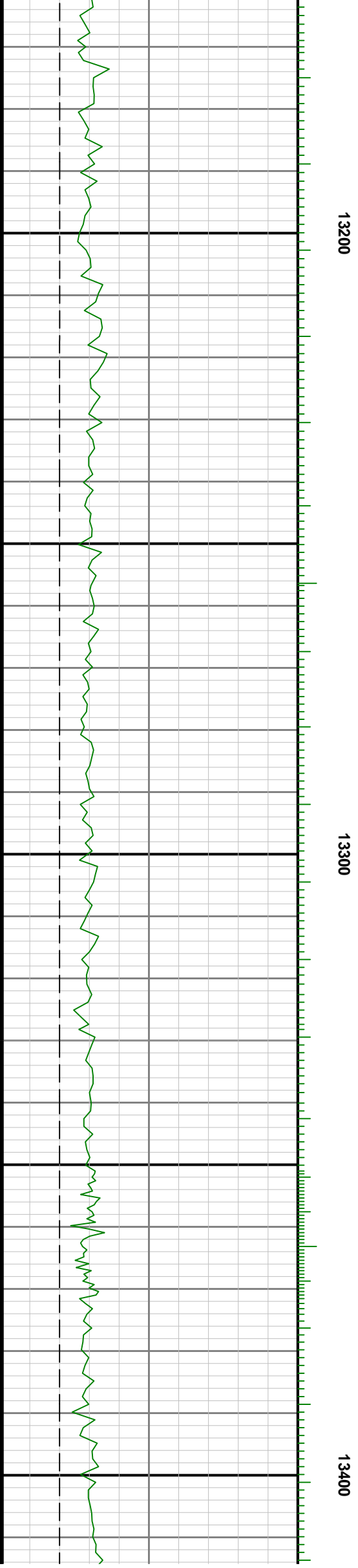
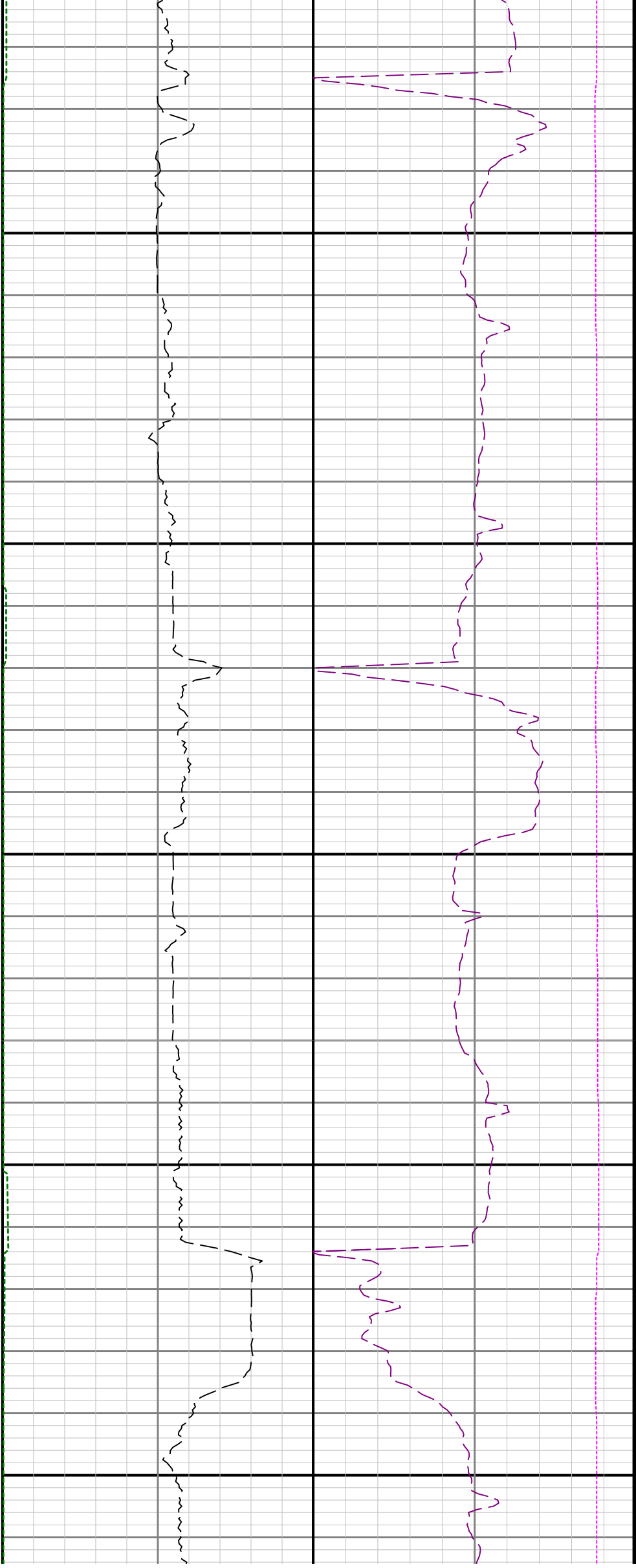
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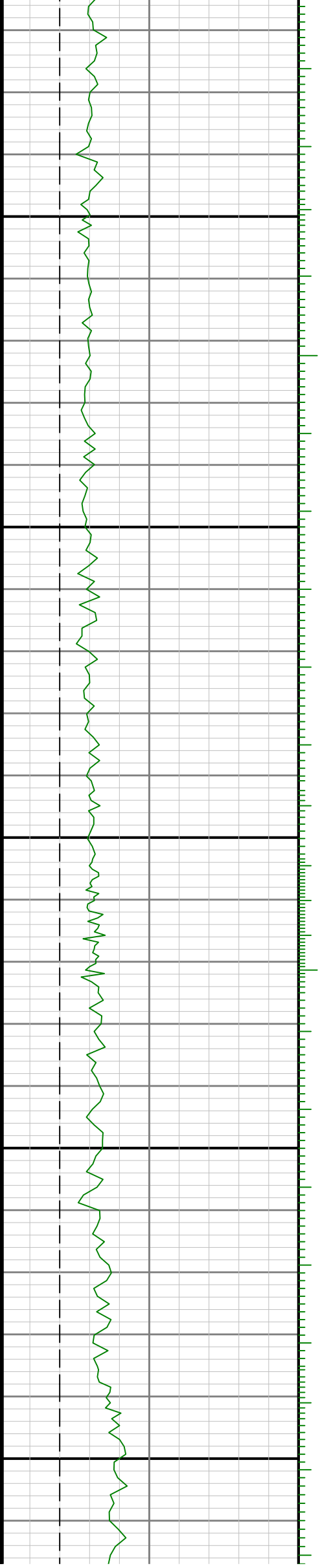


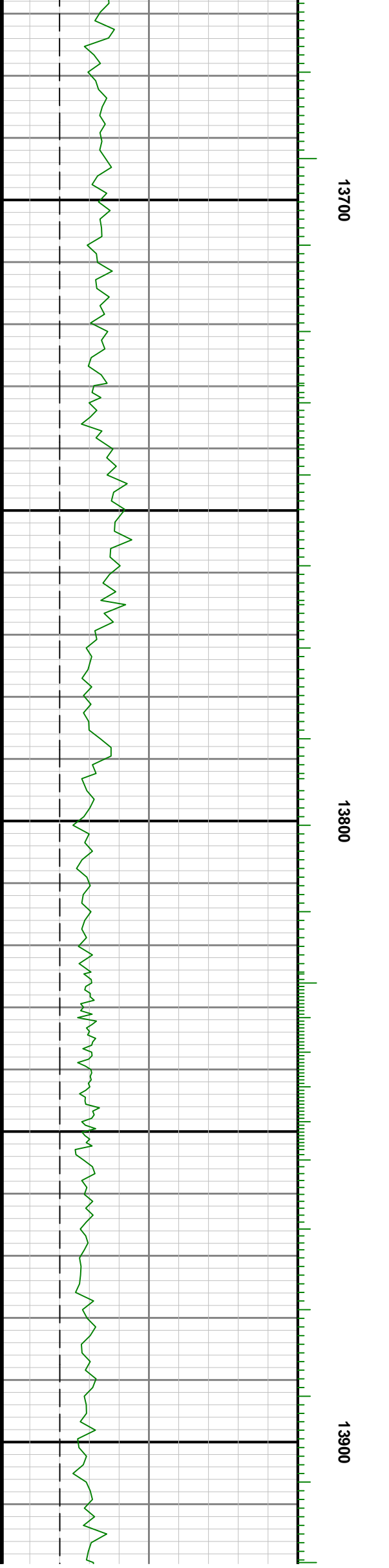
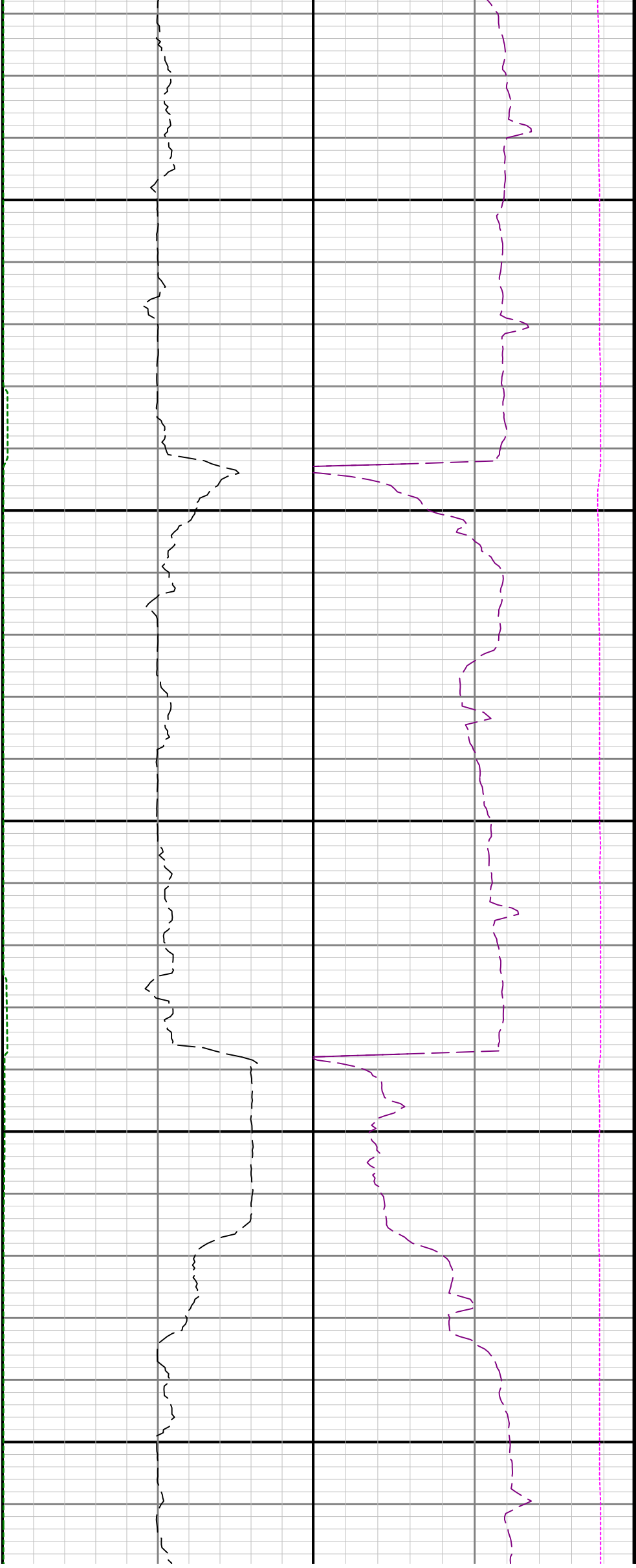


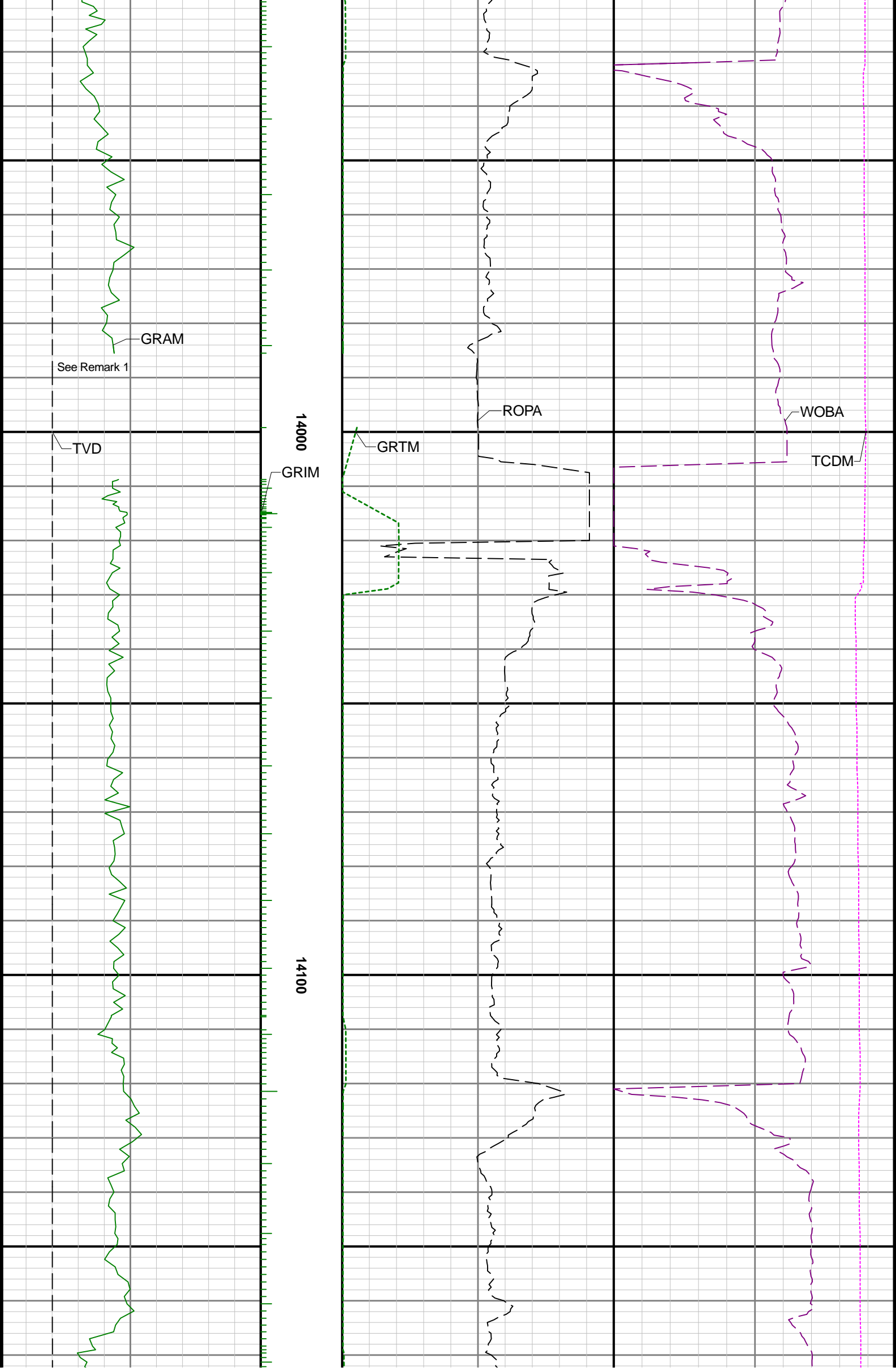


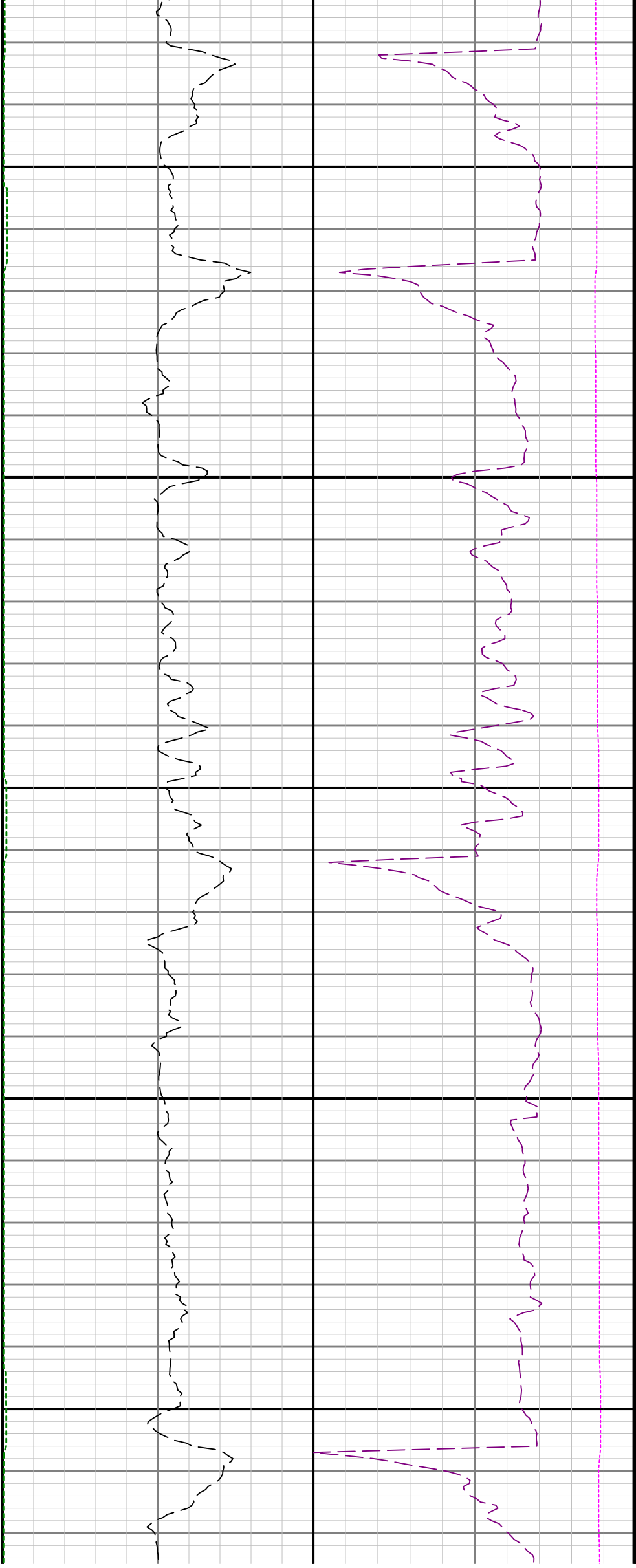
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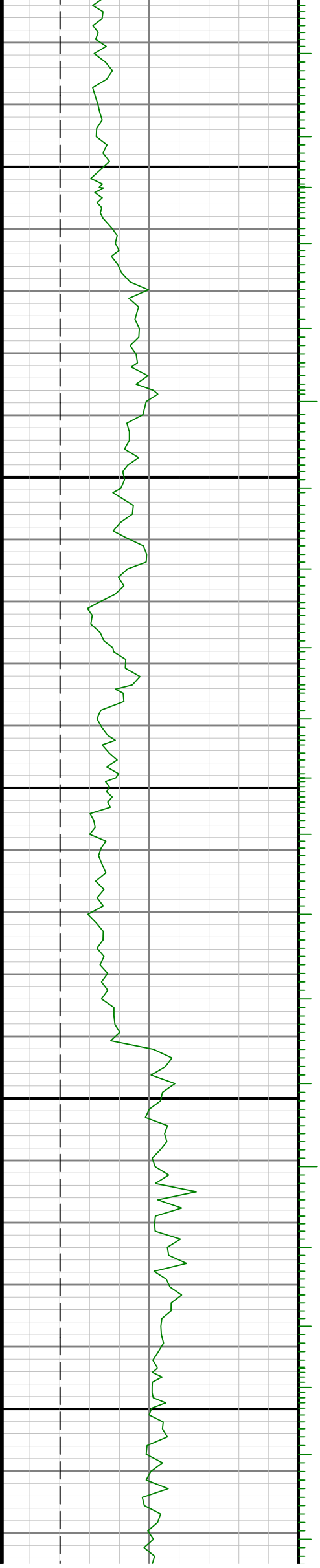


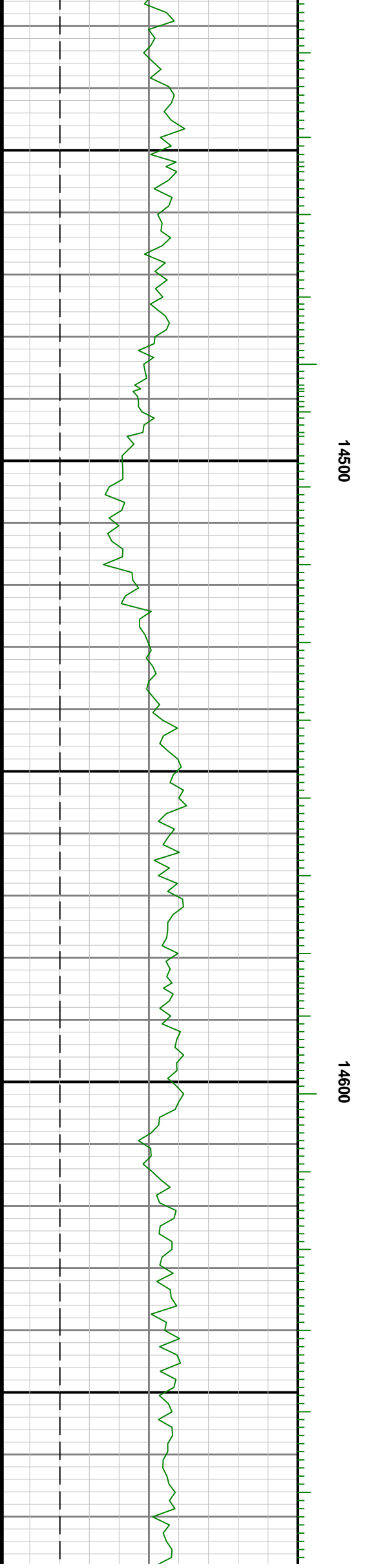
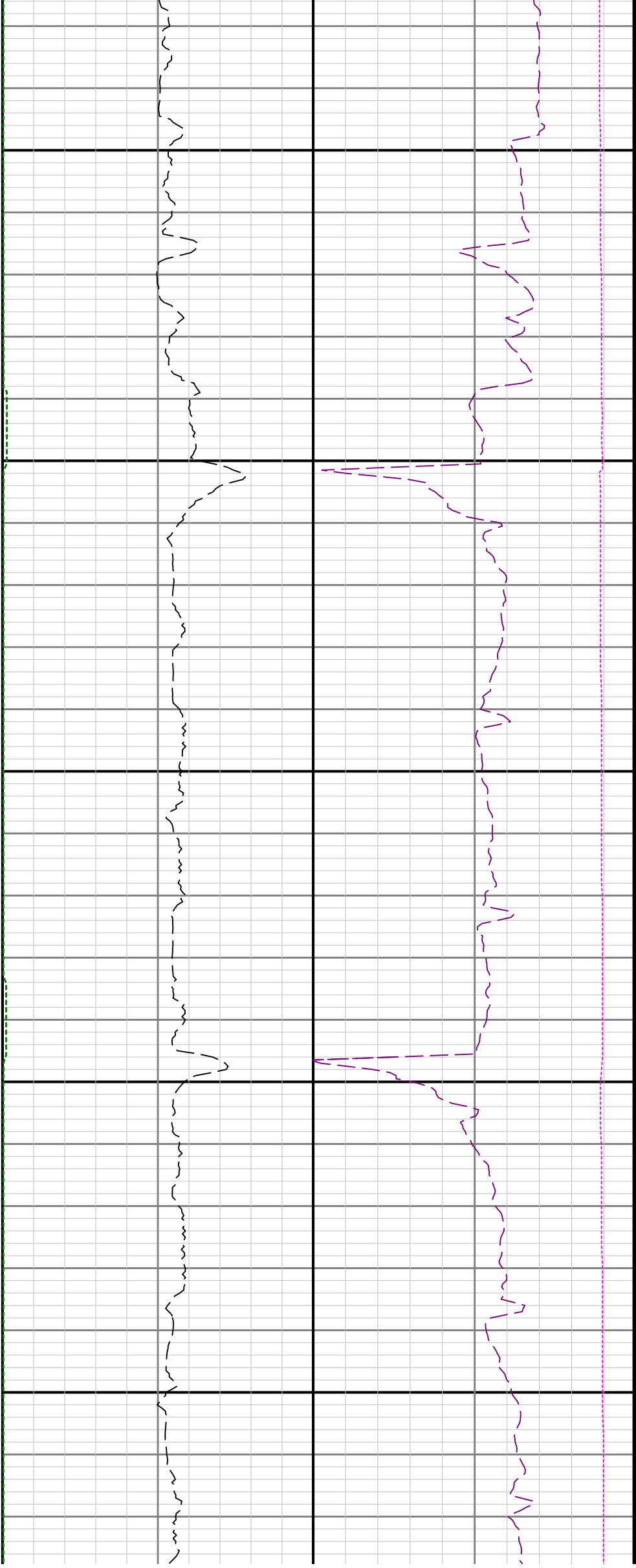


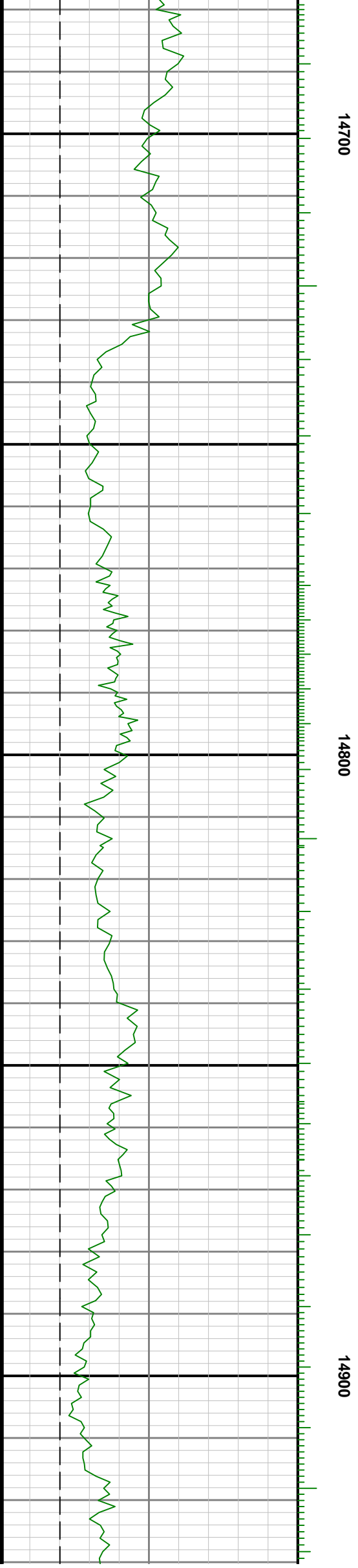
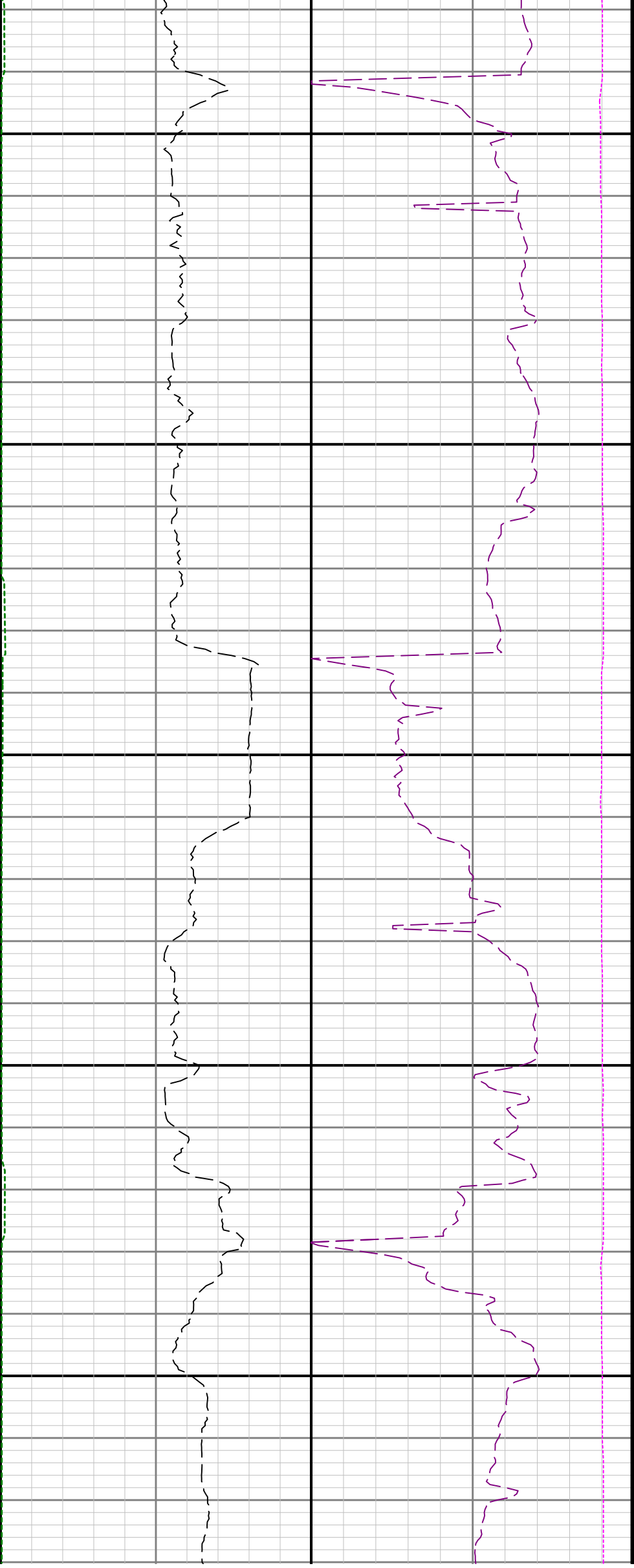
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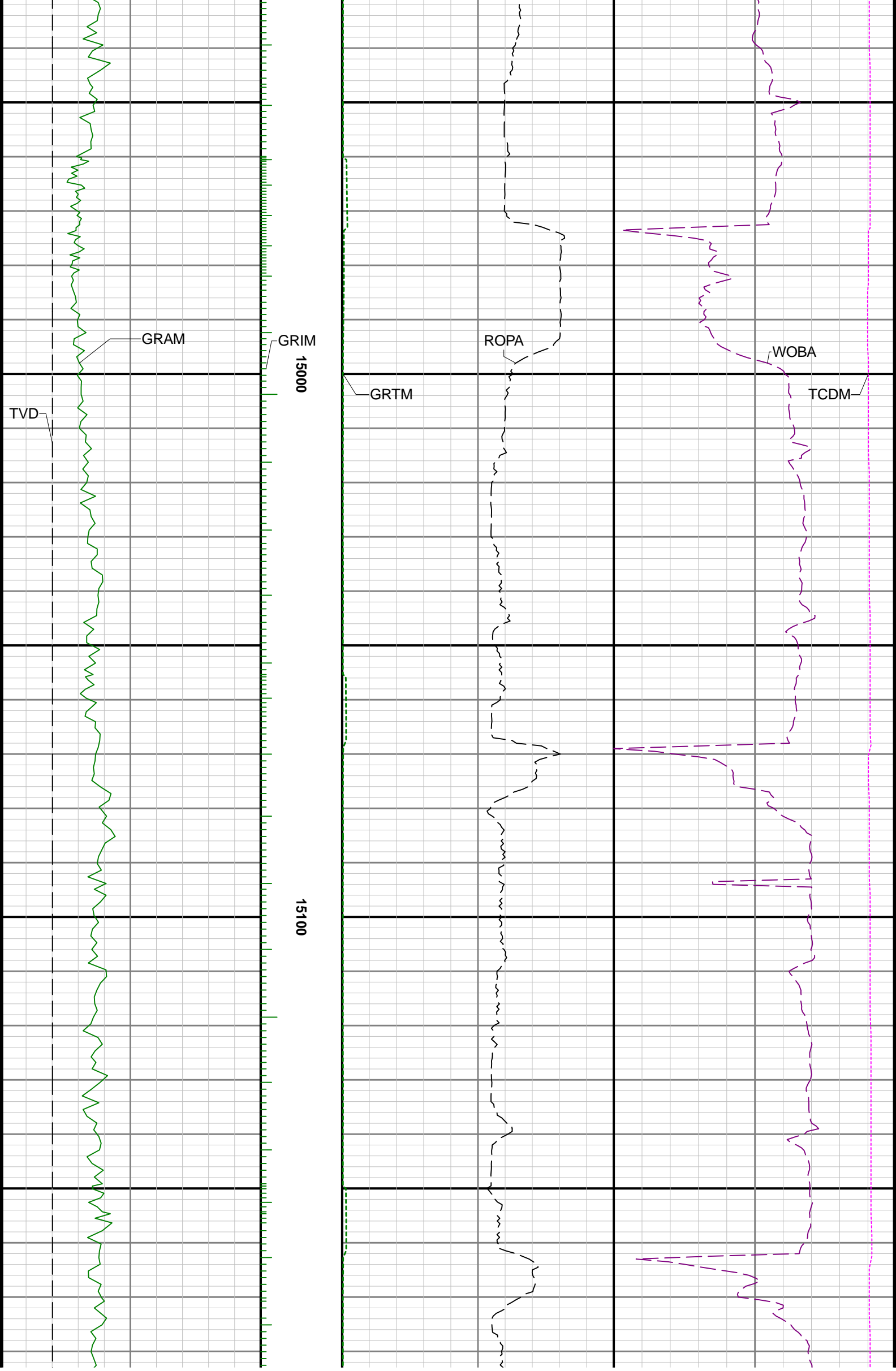
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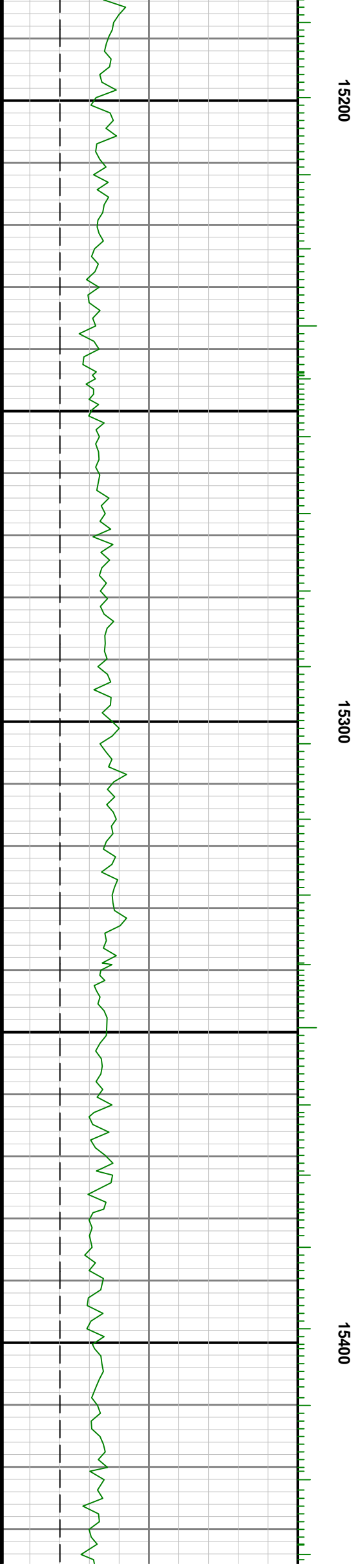
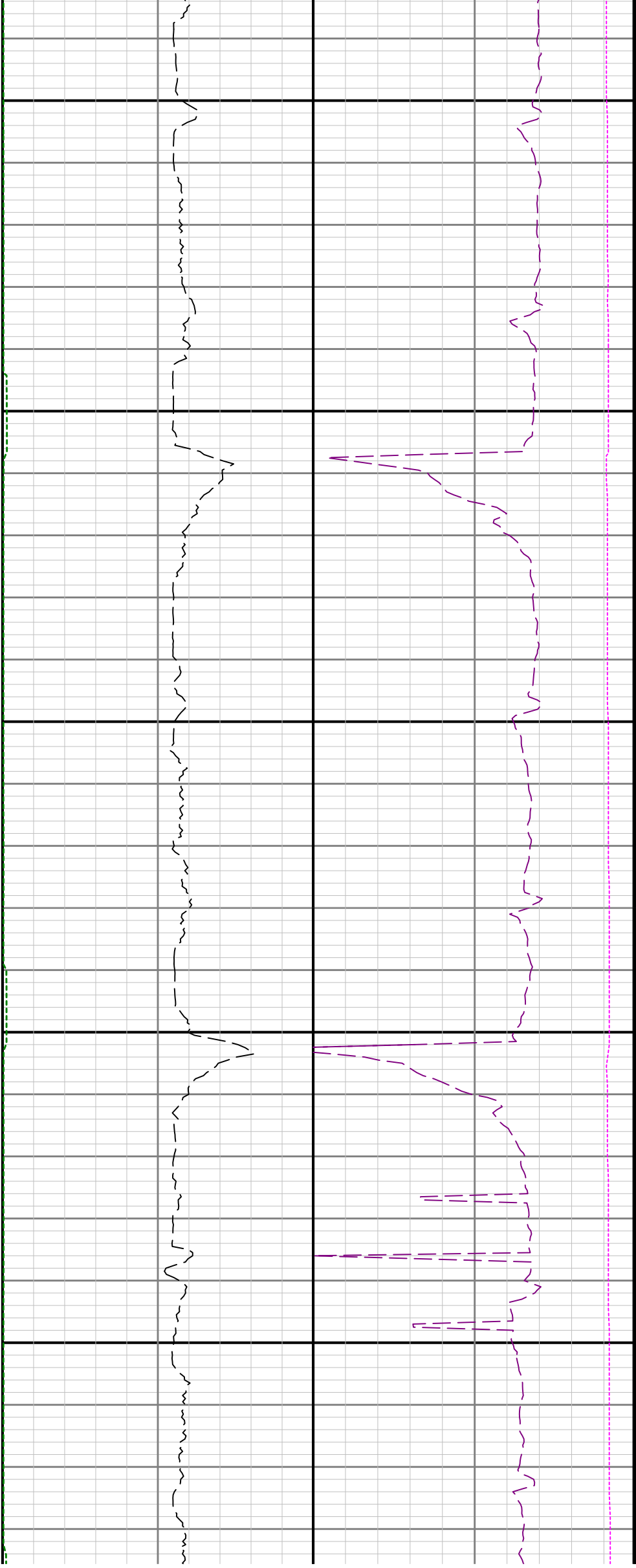
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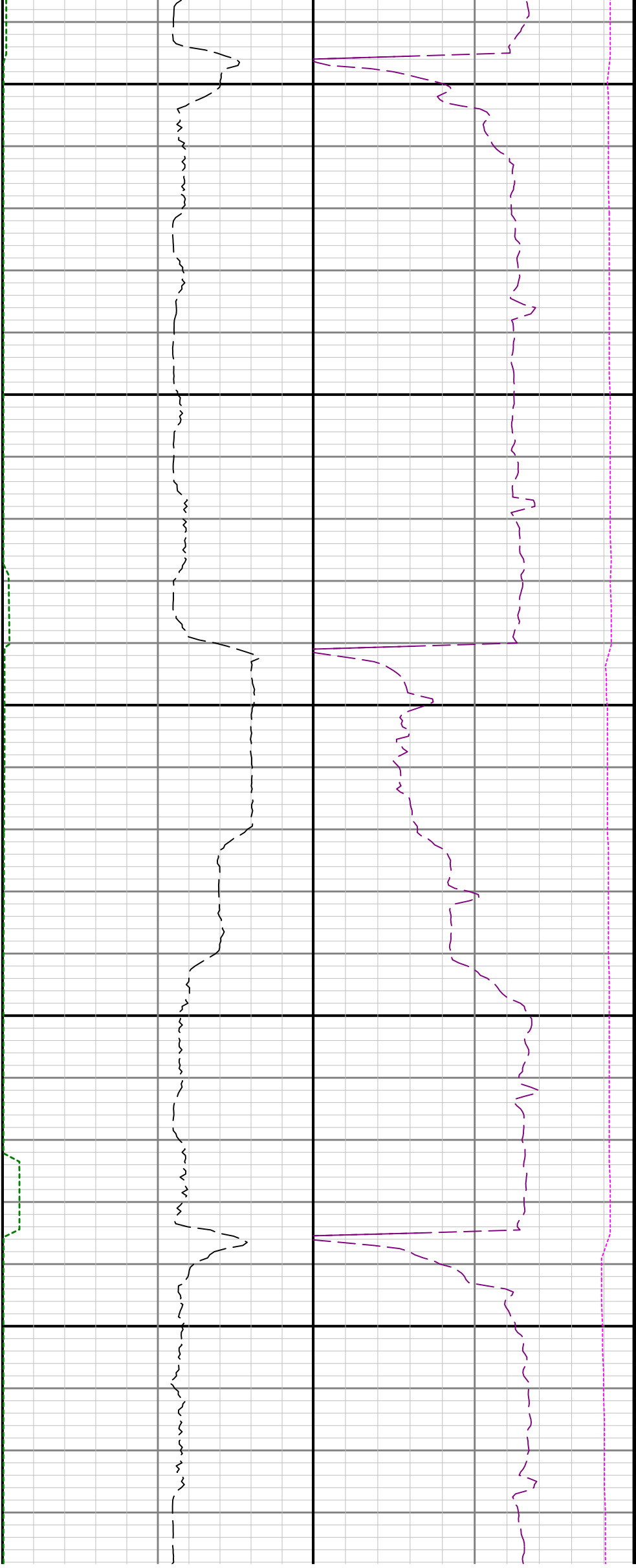






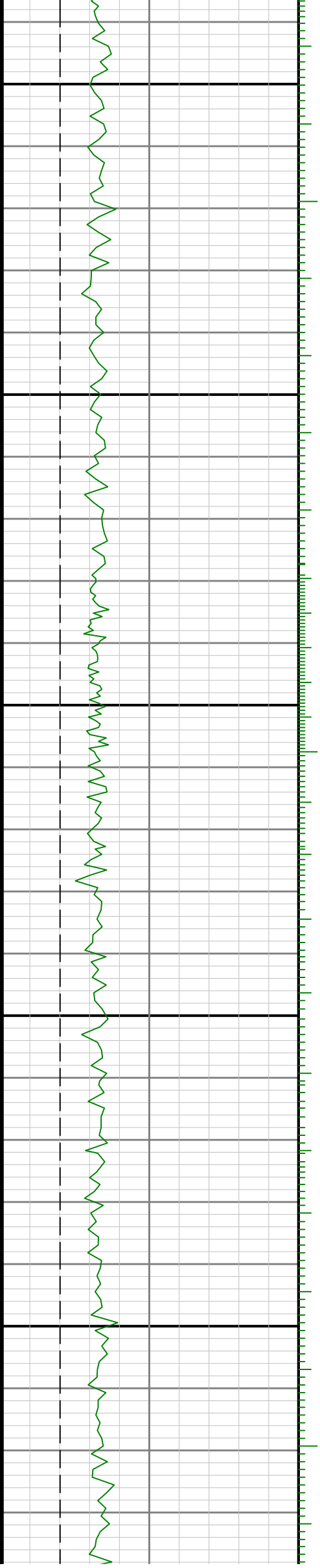


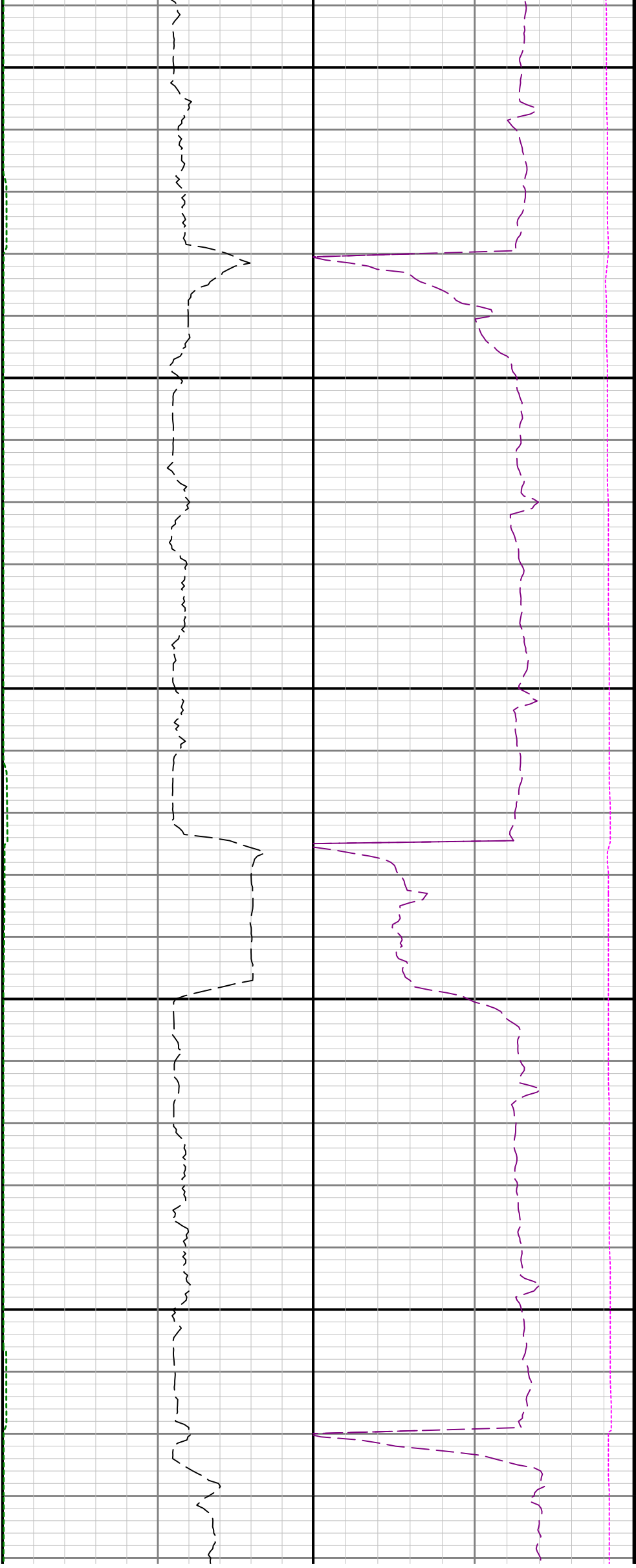




15500

15600

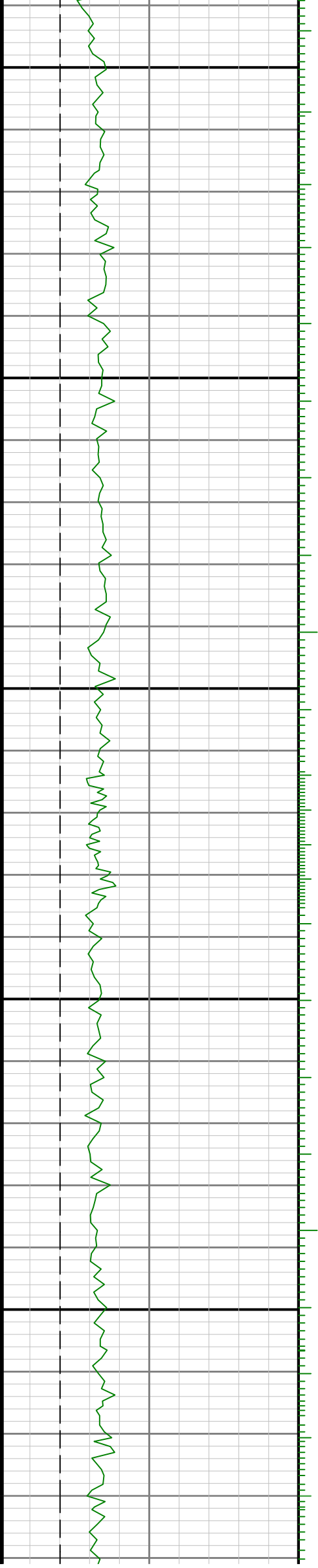


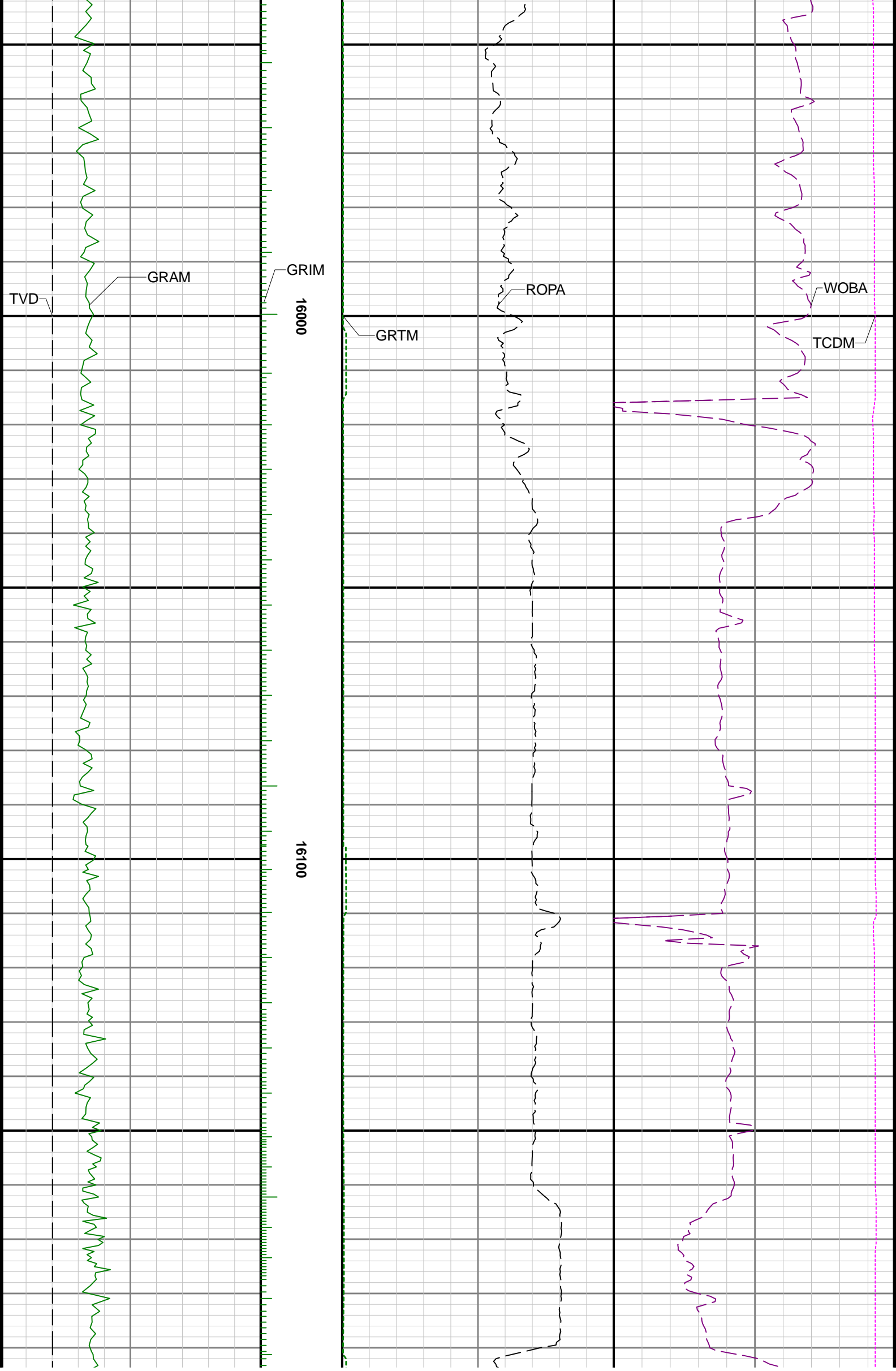


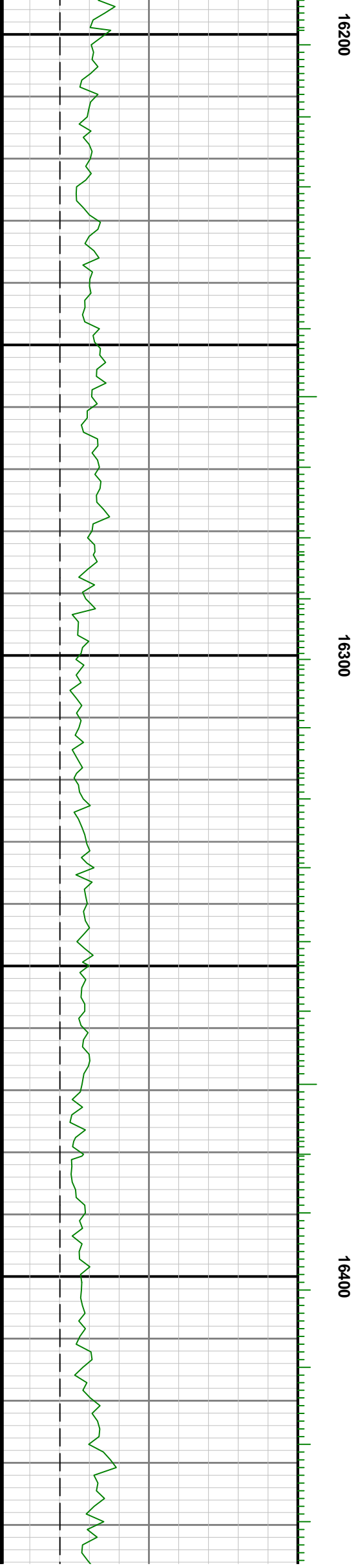
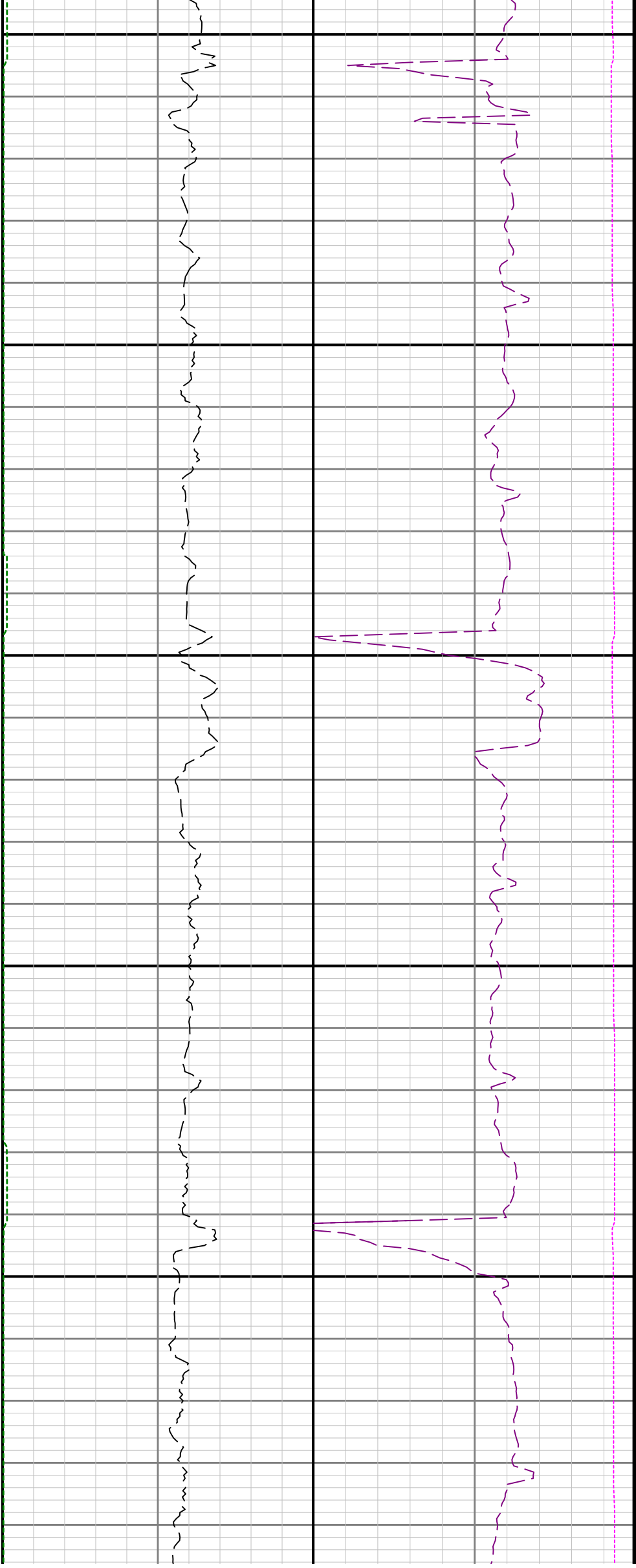
15700

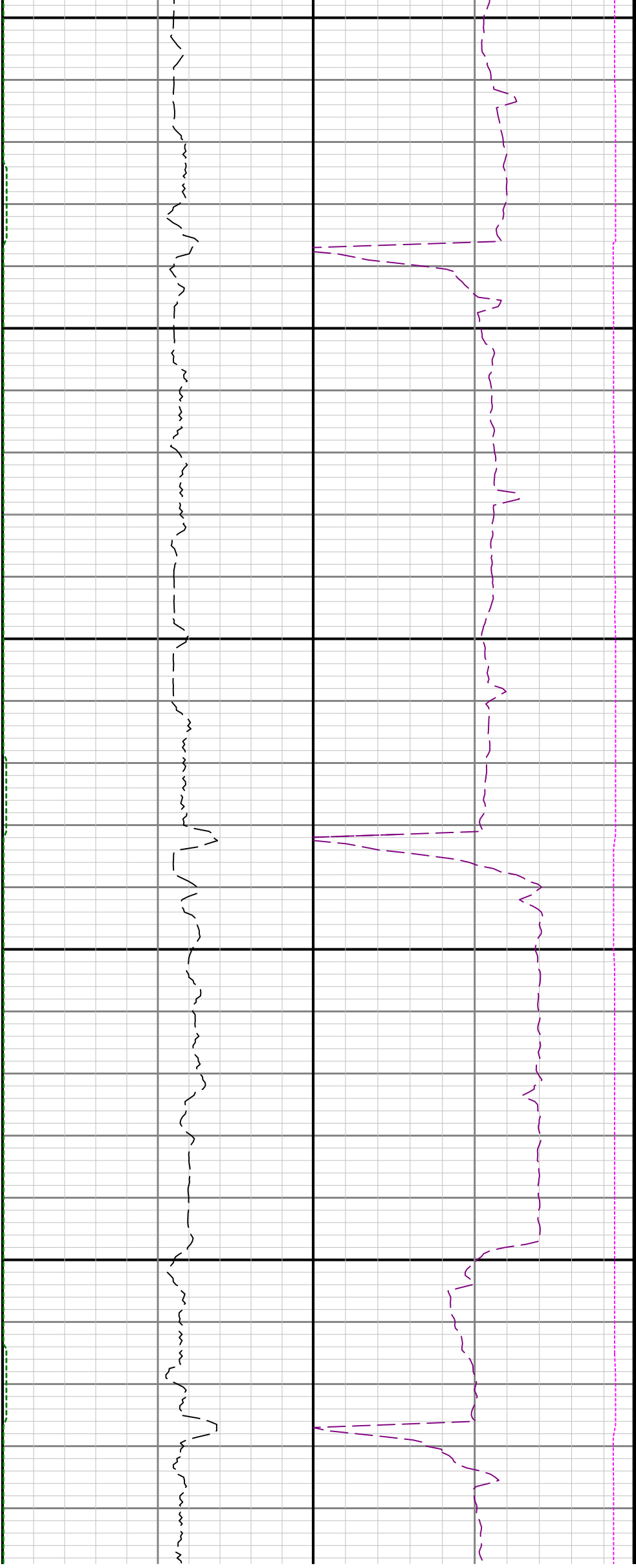
15800

15900





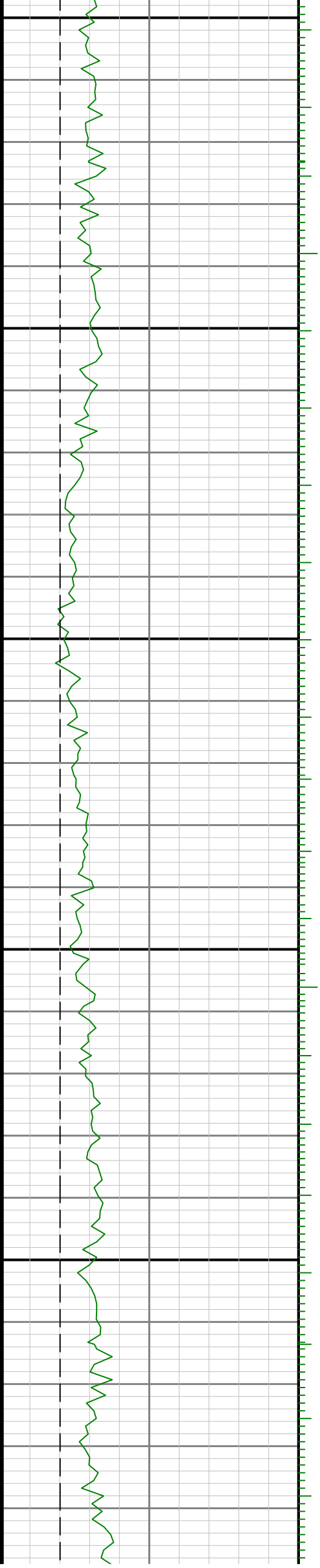


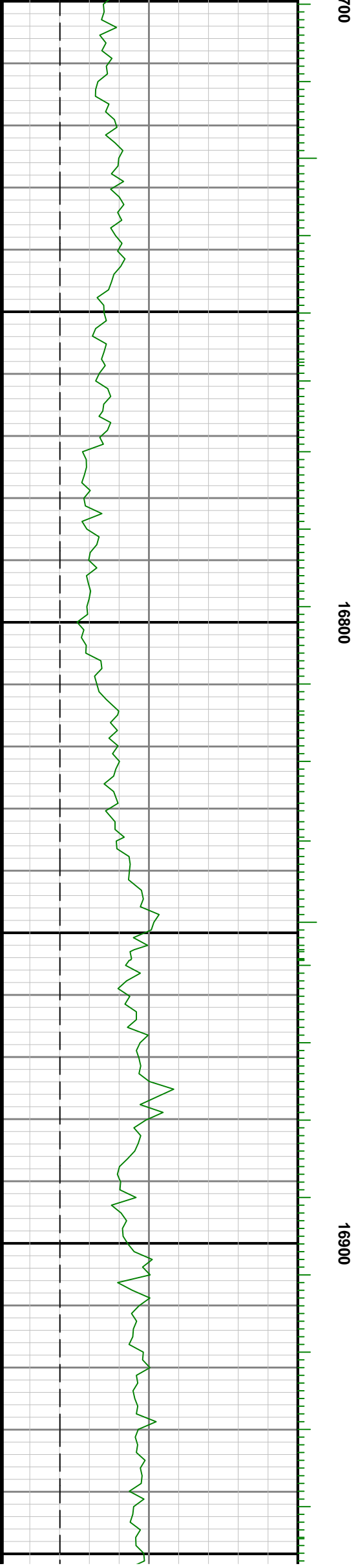
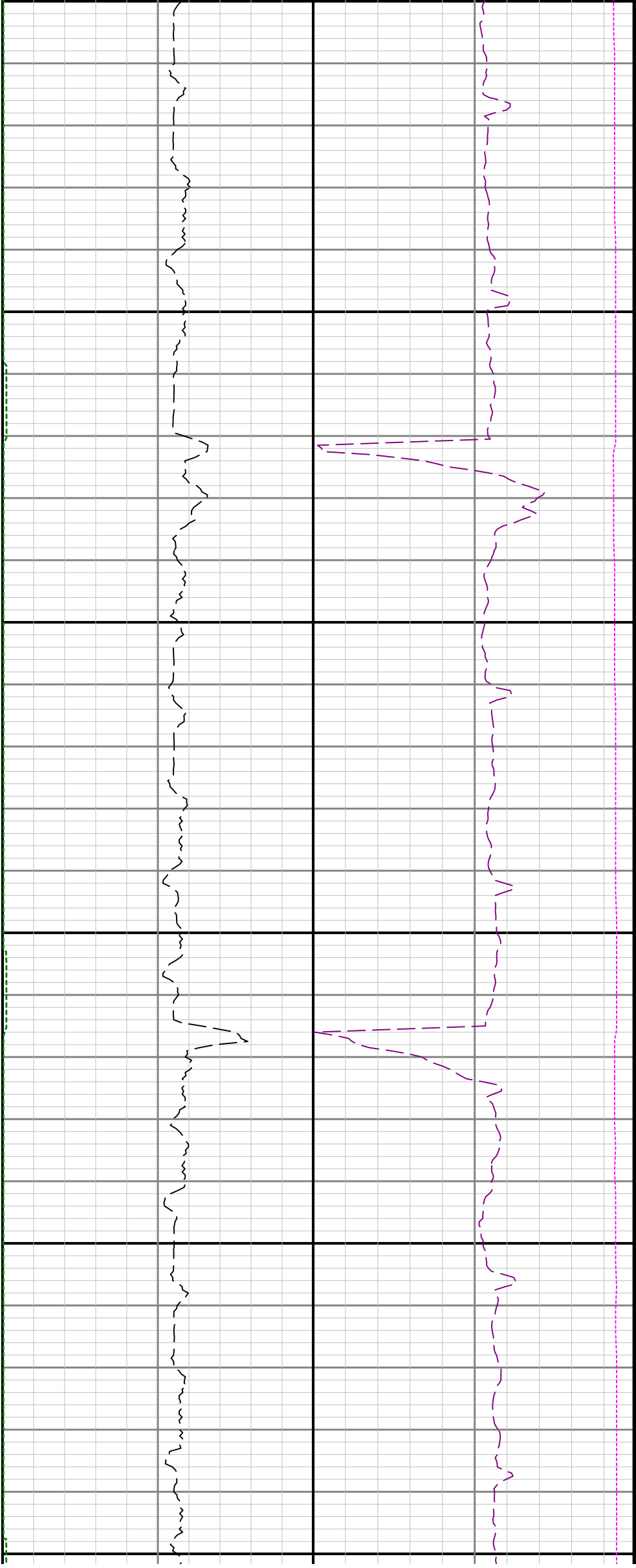


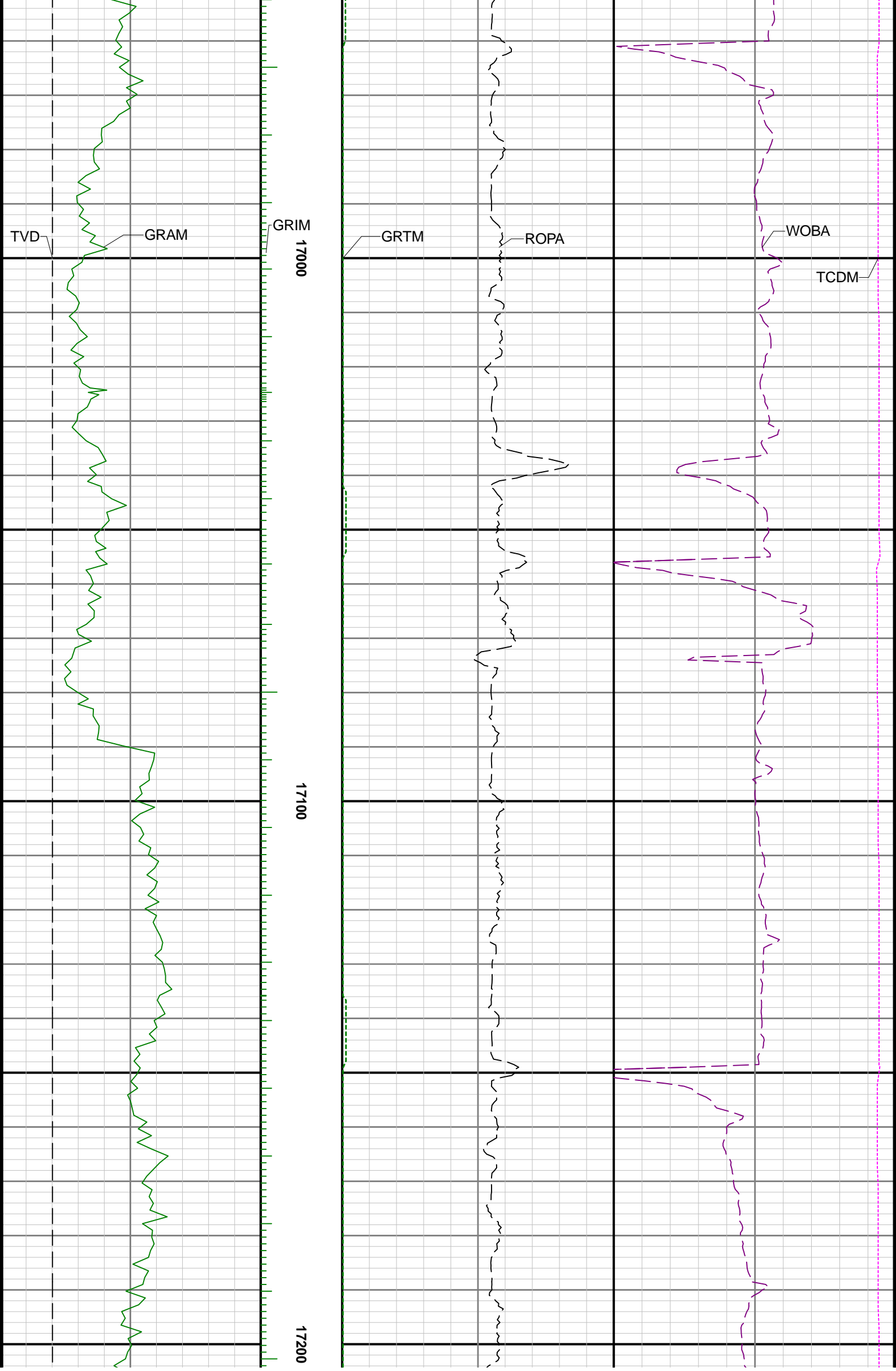
16500

16600

16



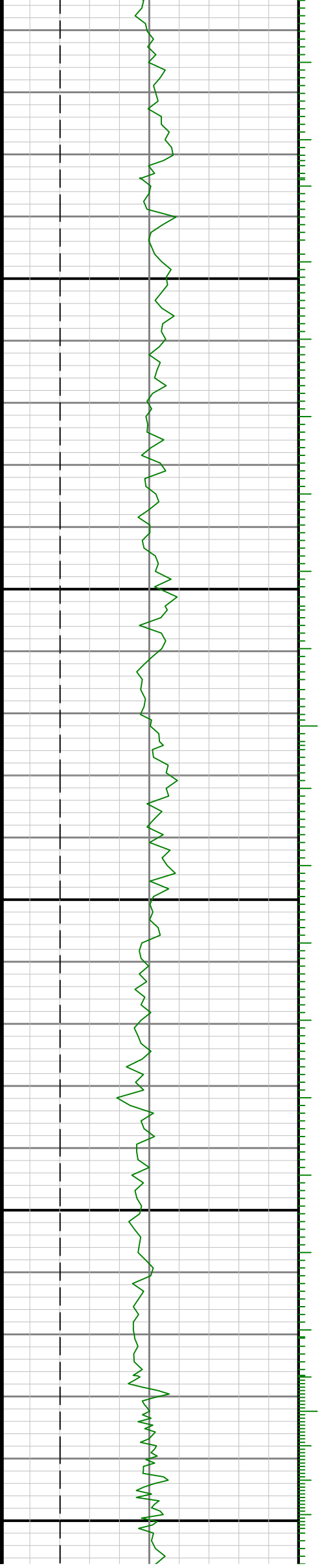


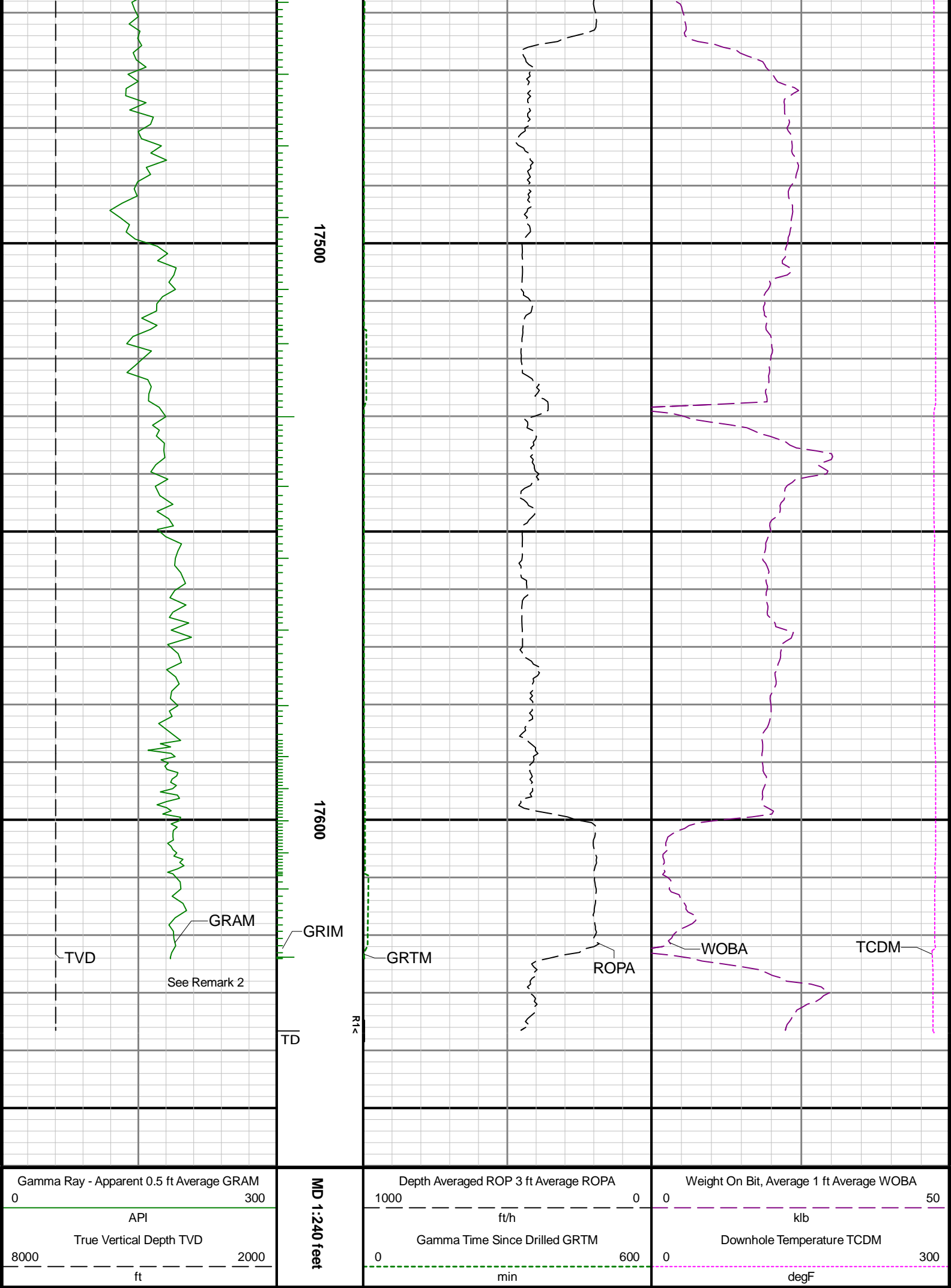




17300

17400





MD 1:240 feet