



Drilling Dynamics
Gamma Ray

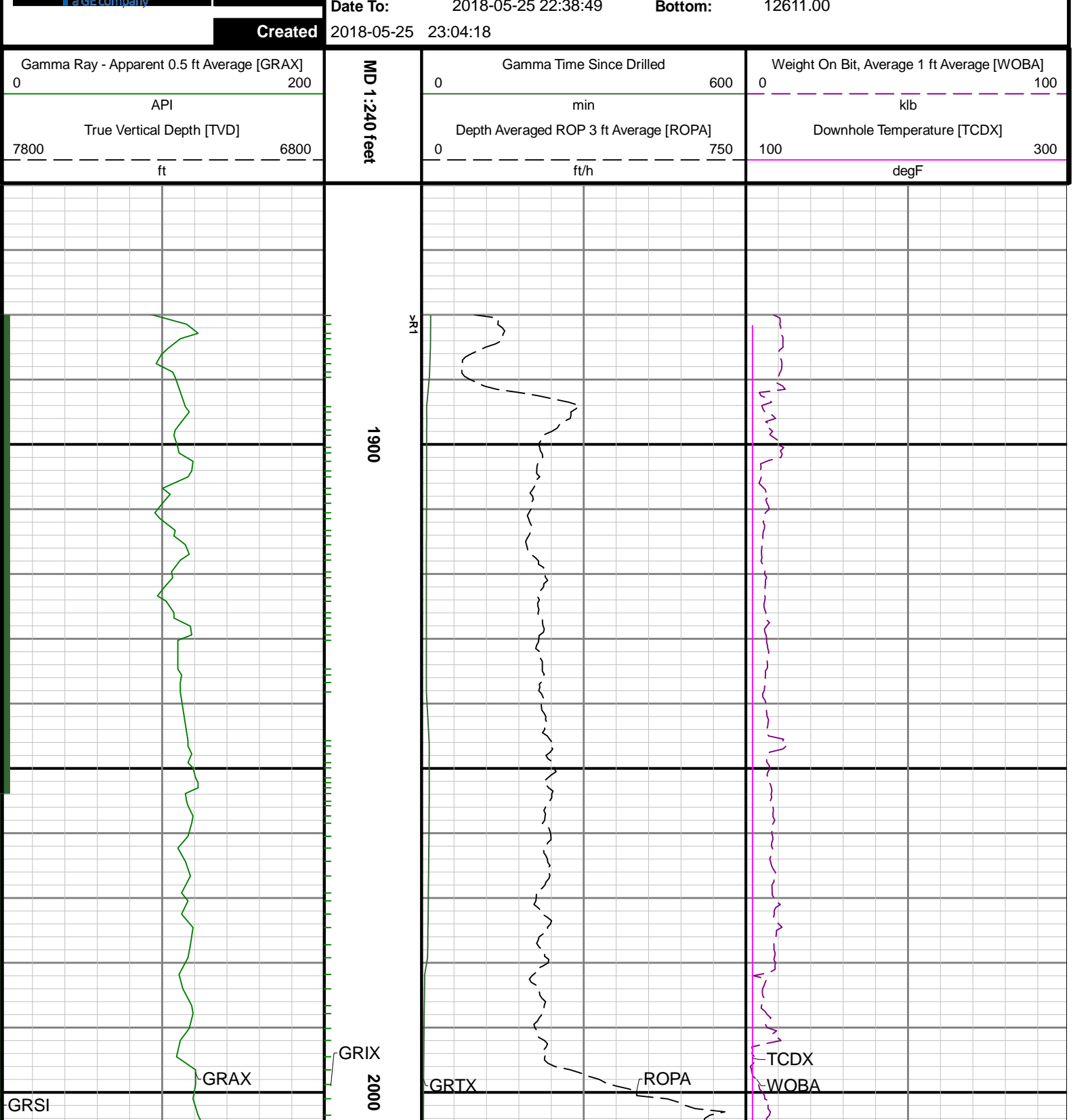
Scale: 1:240 MD	Company: Anadarko
	Well: AZUL 13-21HZ
Depth Reference: Driller's Depth	Field: Weld County
	County: WeldCountry: United States
	State: Colorado
Status: Field Print	Surface Location: Latitude: 39° 41' 11" N Longitude: 106° 01' 11" W
API: 0512346115	Other Services: Wellbore Survey
Job ID: 9053421	
	SEC: 13TWN: 1NRGE: 66W
Permanent Datum (P.D.): Ground Level	Elevation: 5050.00 ftInterval: 1880.00 ft - 12611.00 ft
Log Measured From: Rig Floor	Above P.D. 21.00 ftCreated: 2018-05-25 23:04:18
BHGE Rep 1: N/A	BHGE Rep 2: N/A
Client Representative: N/A	Elevations: Elev. KB: N/A Elev. DF: 5071.00 ft Elev. GL: 5050.00 ft

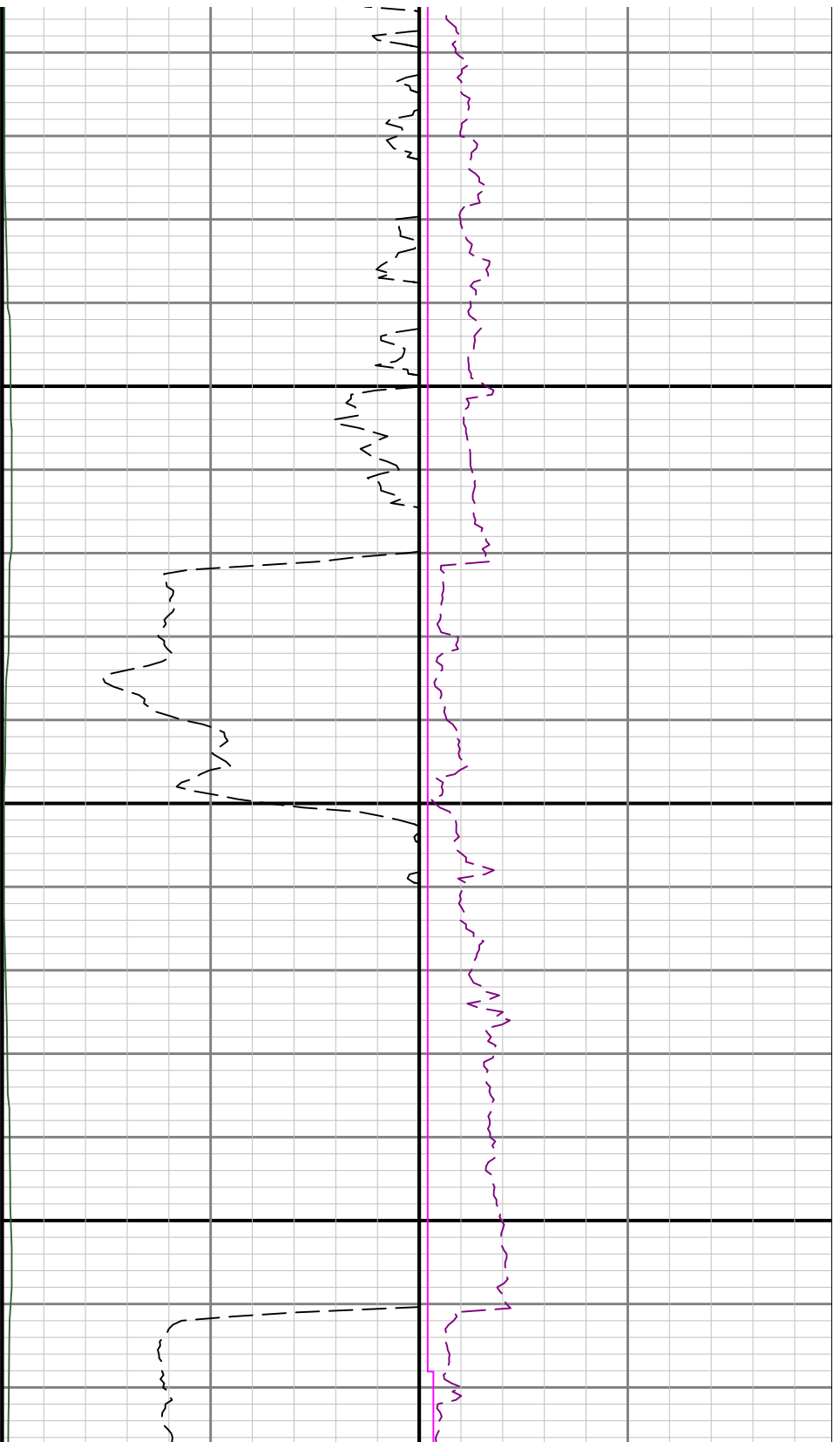
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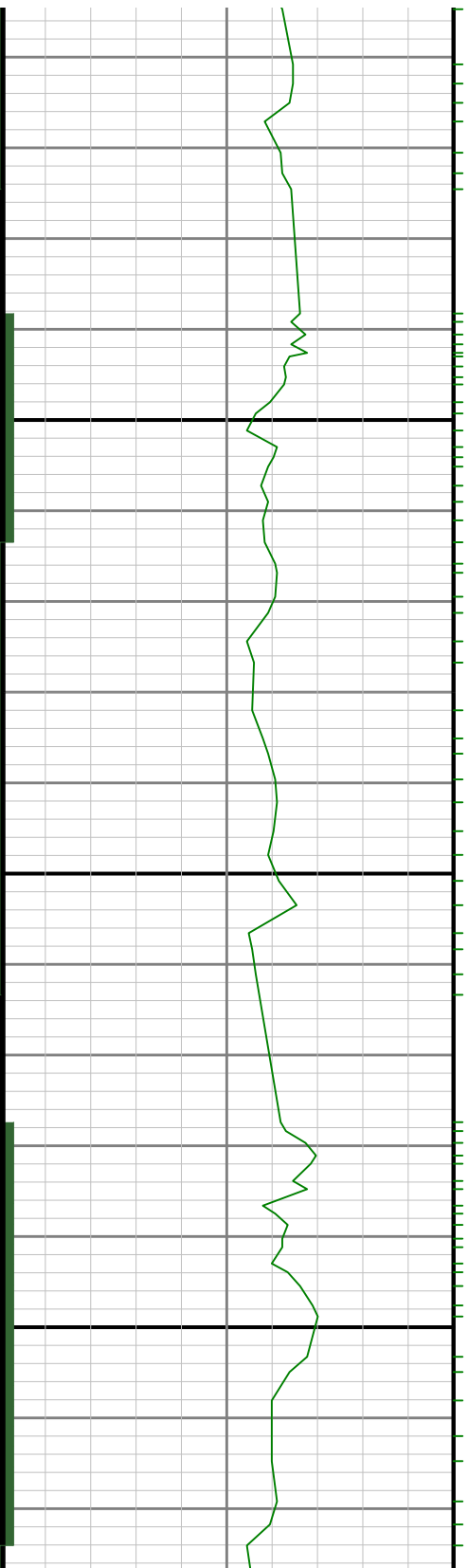
Company Anadarko
Well AZUL 13-21HZ

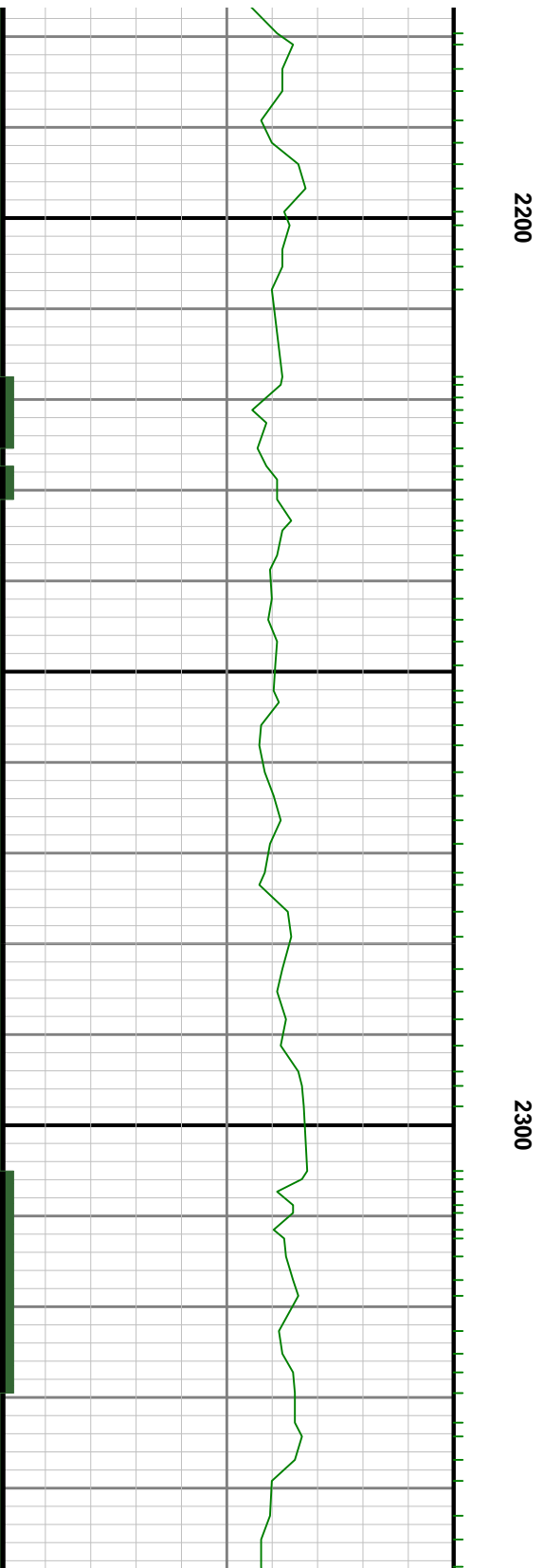
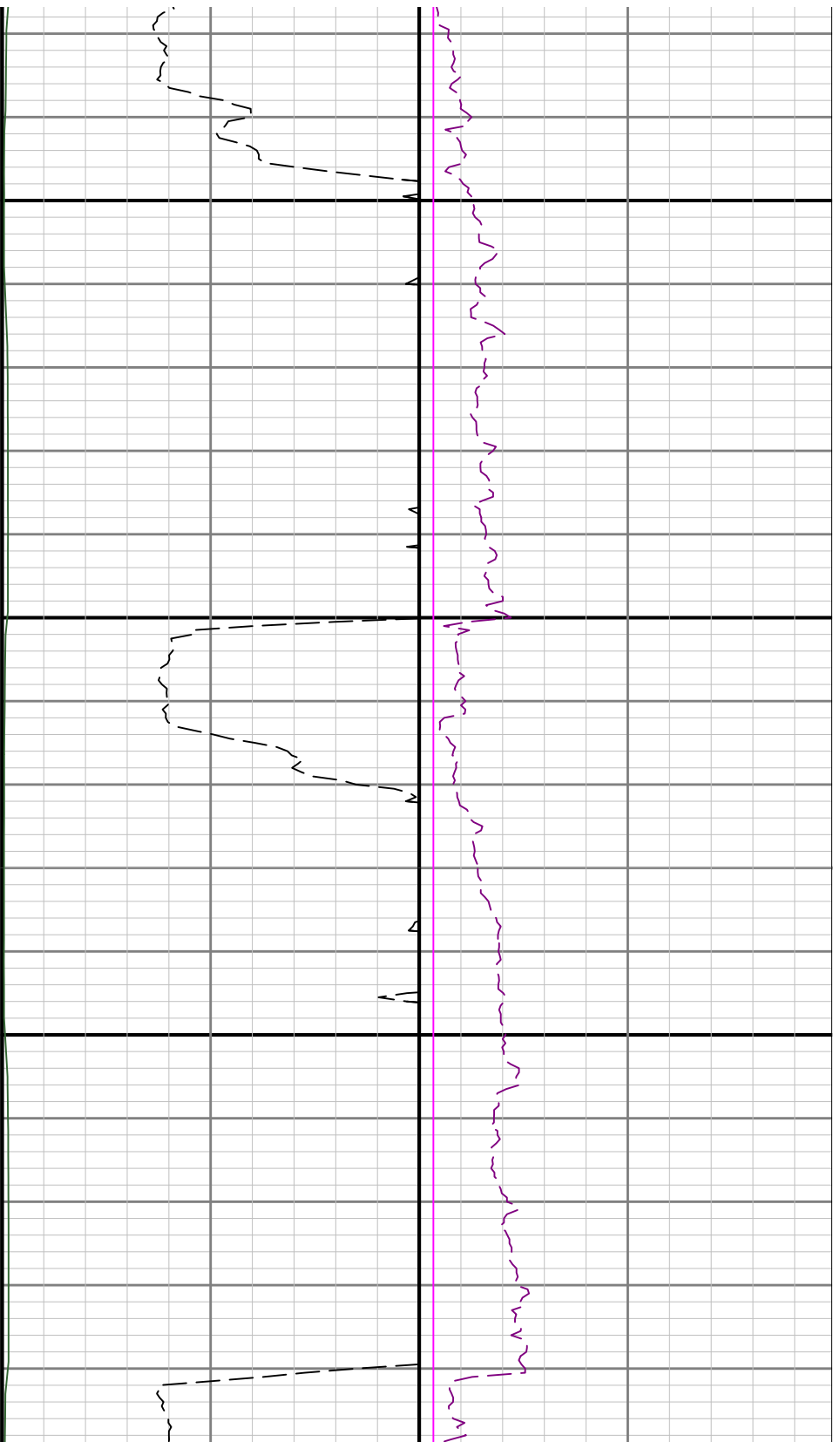
Interval
Date From: 2018-05-23 21:43:18Top: 1880.00
Date To: 2018-05-25 23:04:18Bottom: 12611.00

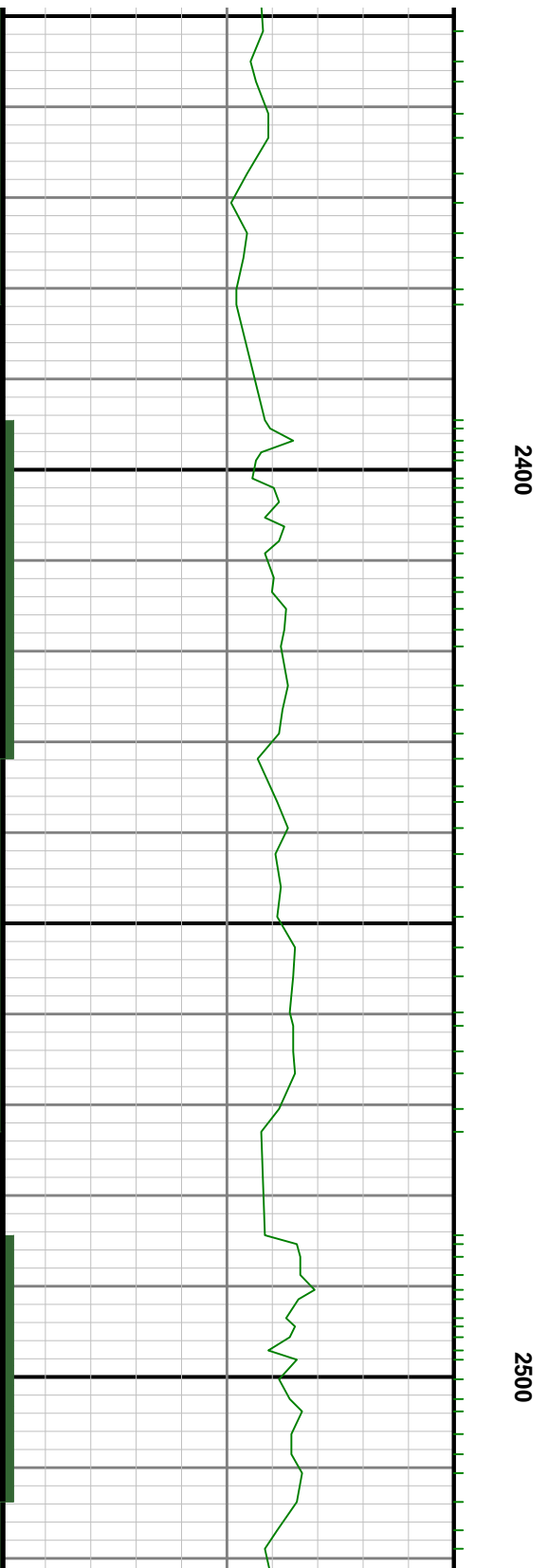
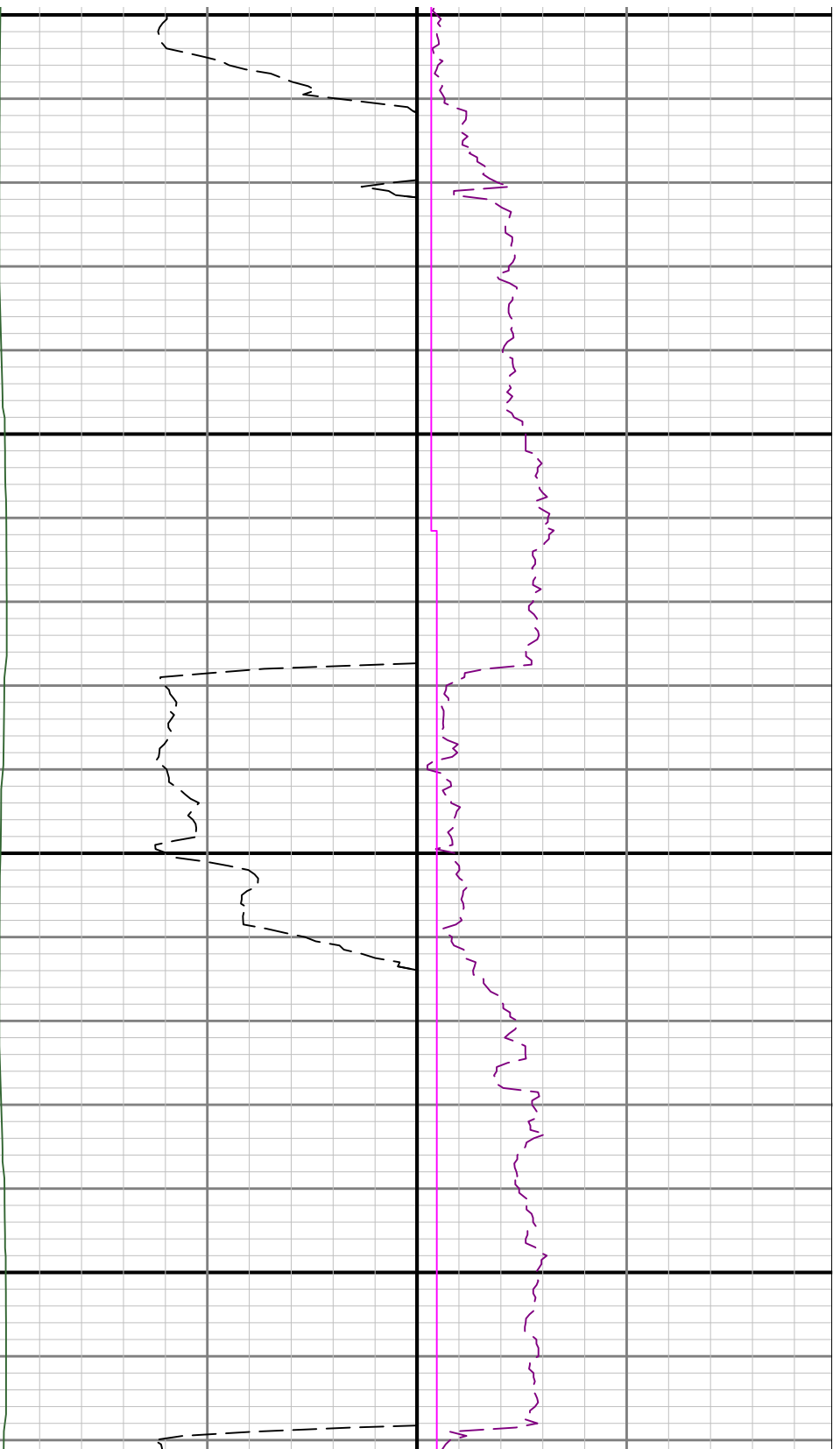


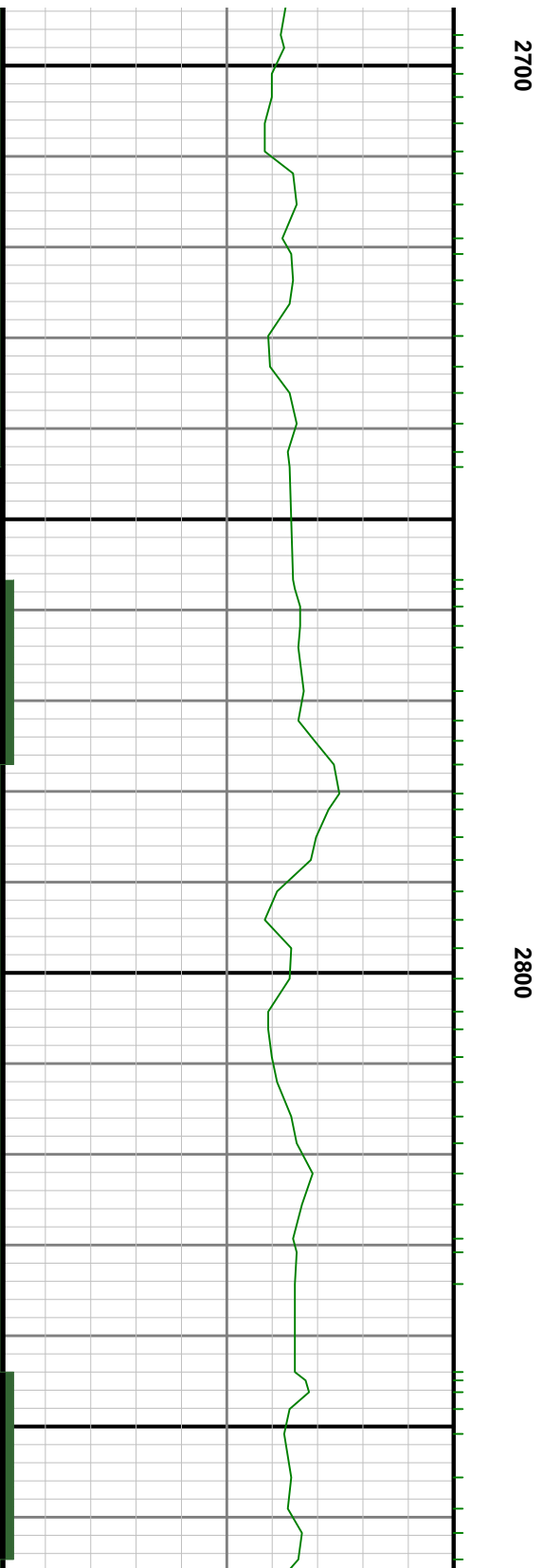
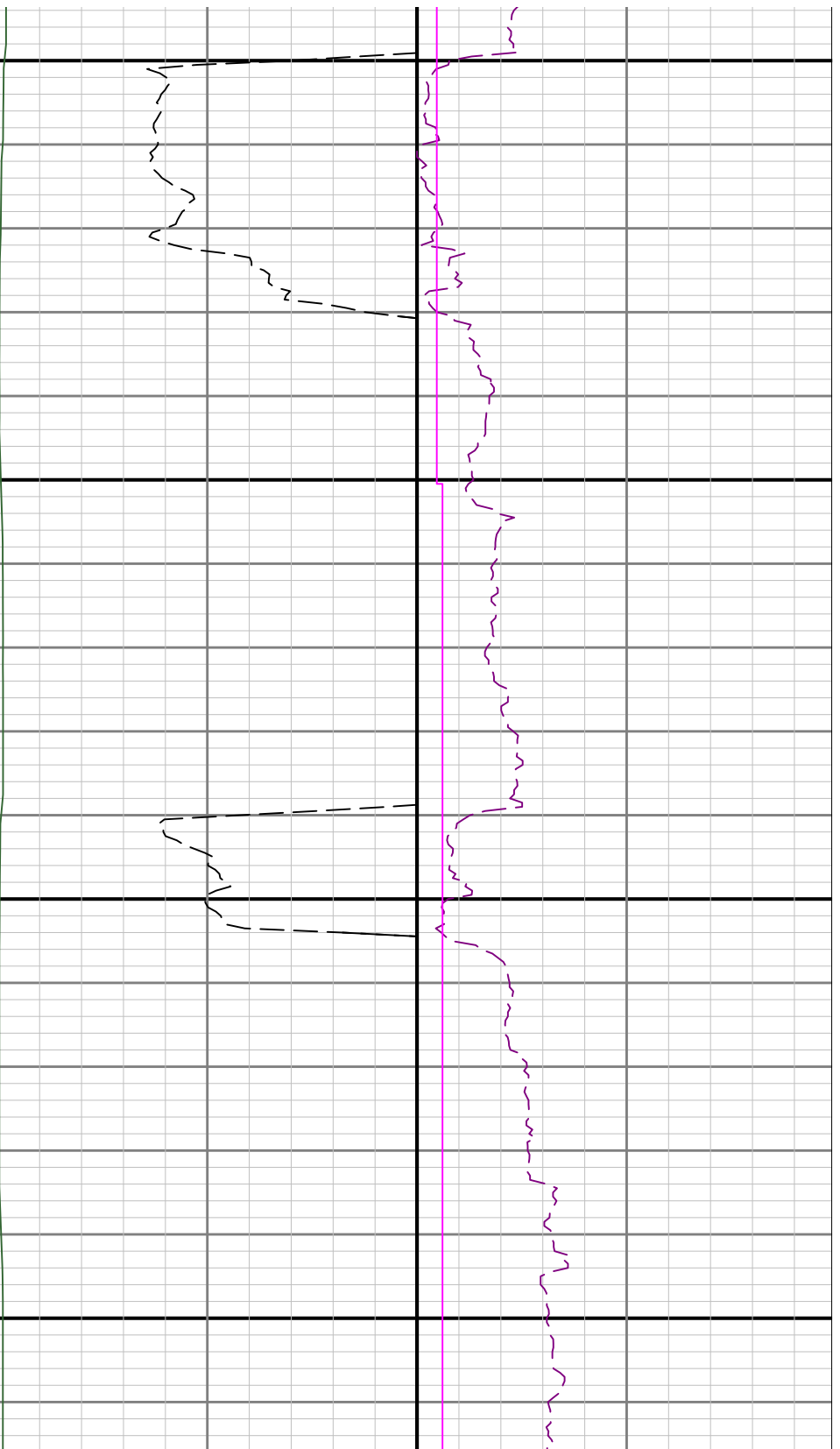


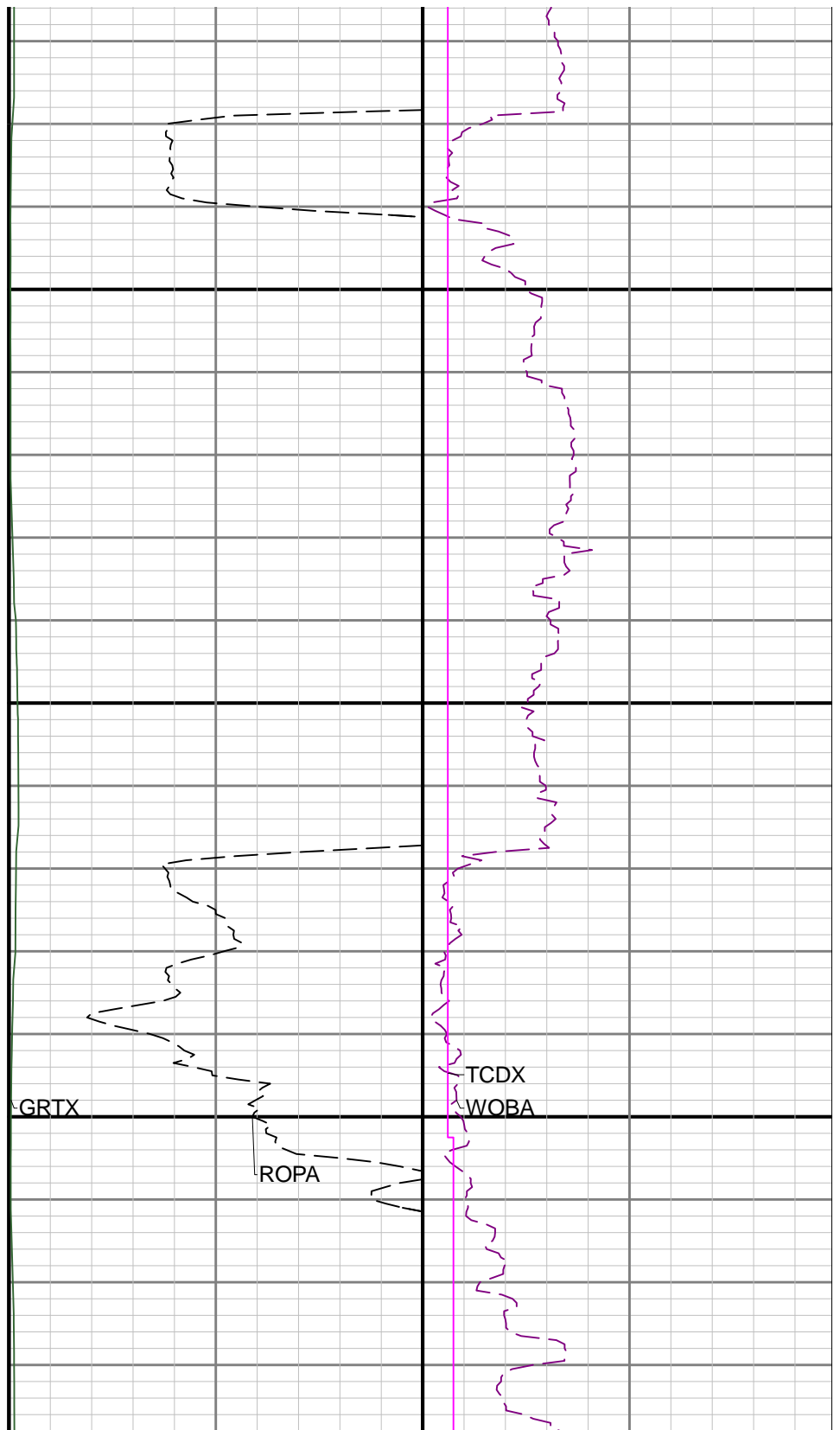
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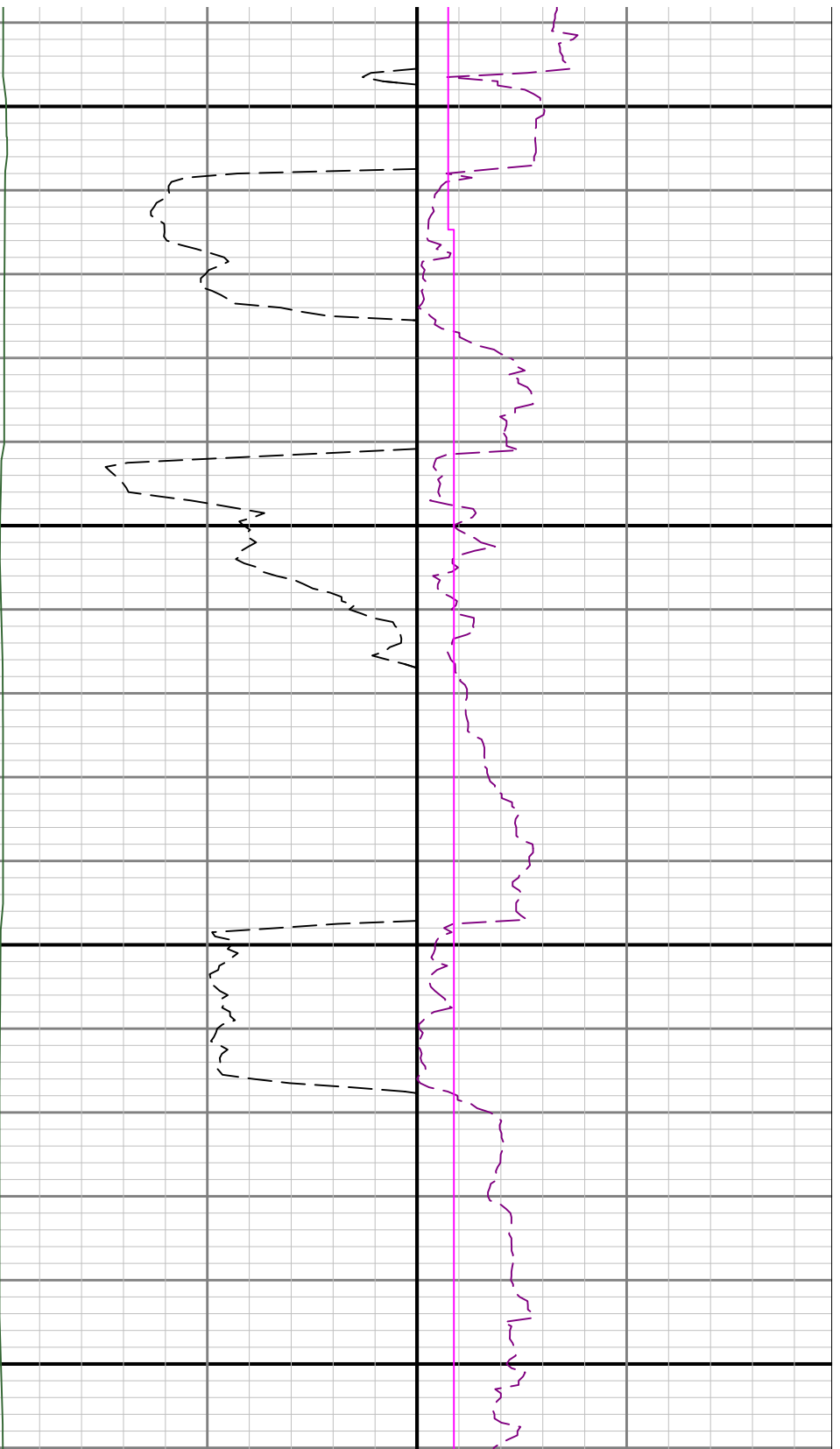






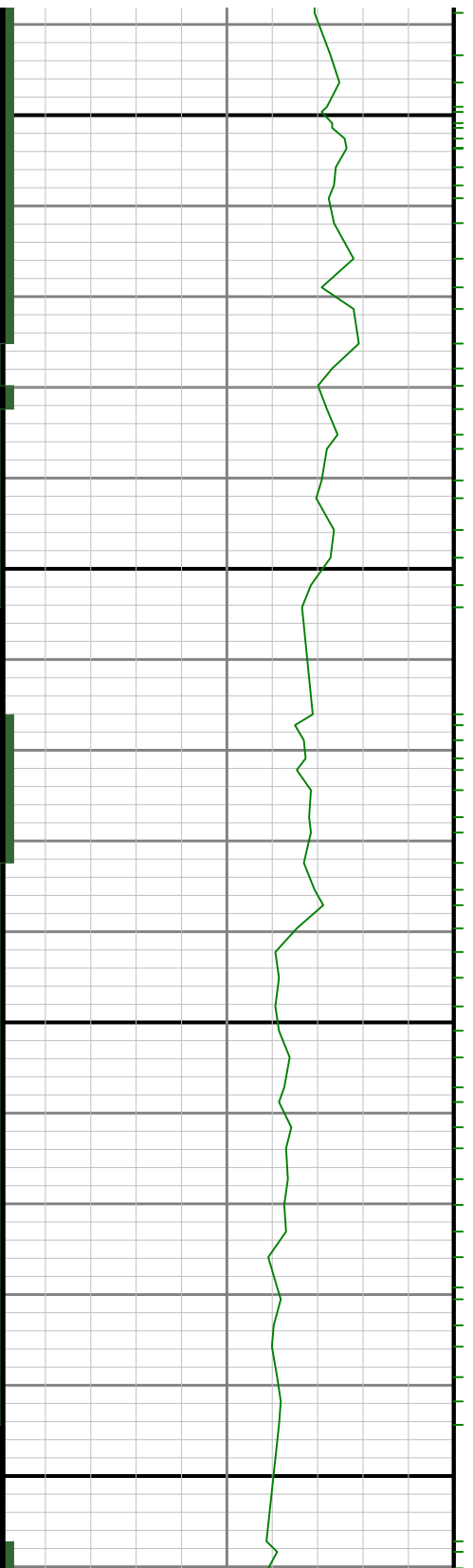


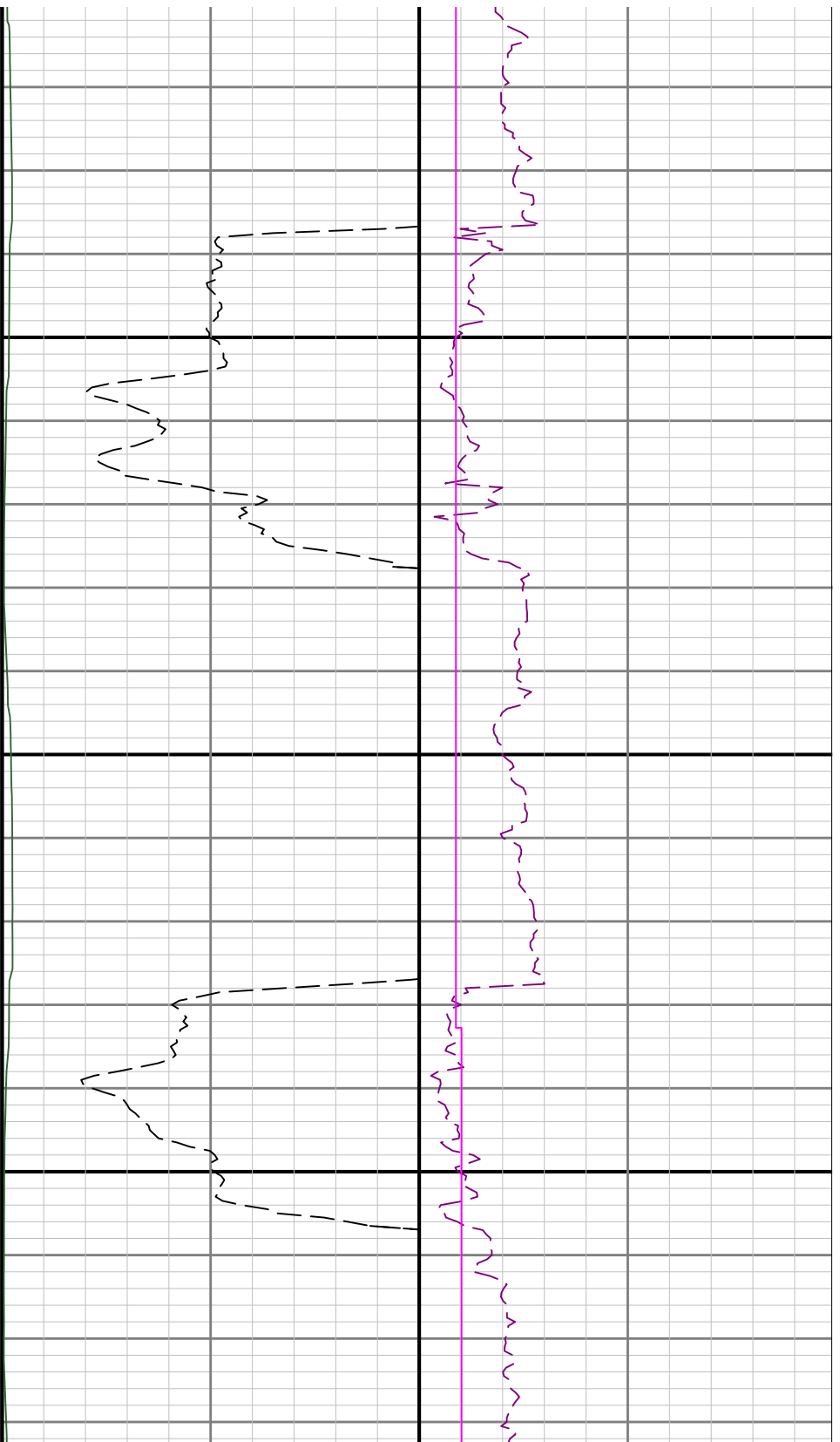




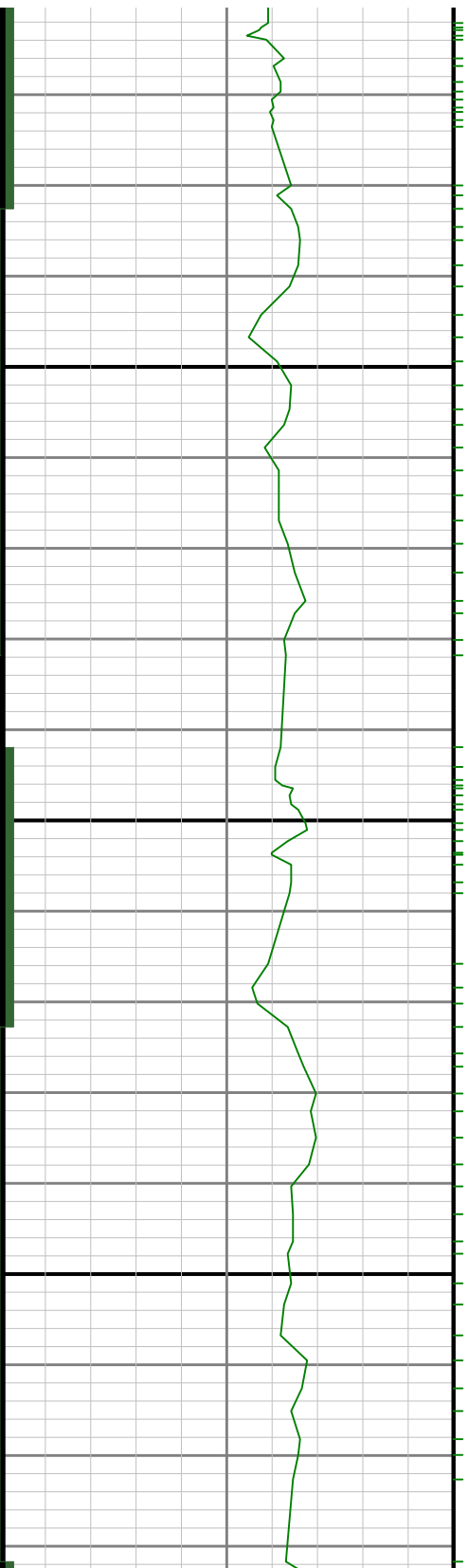
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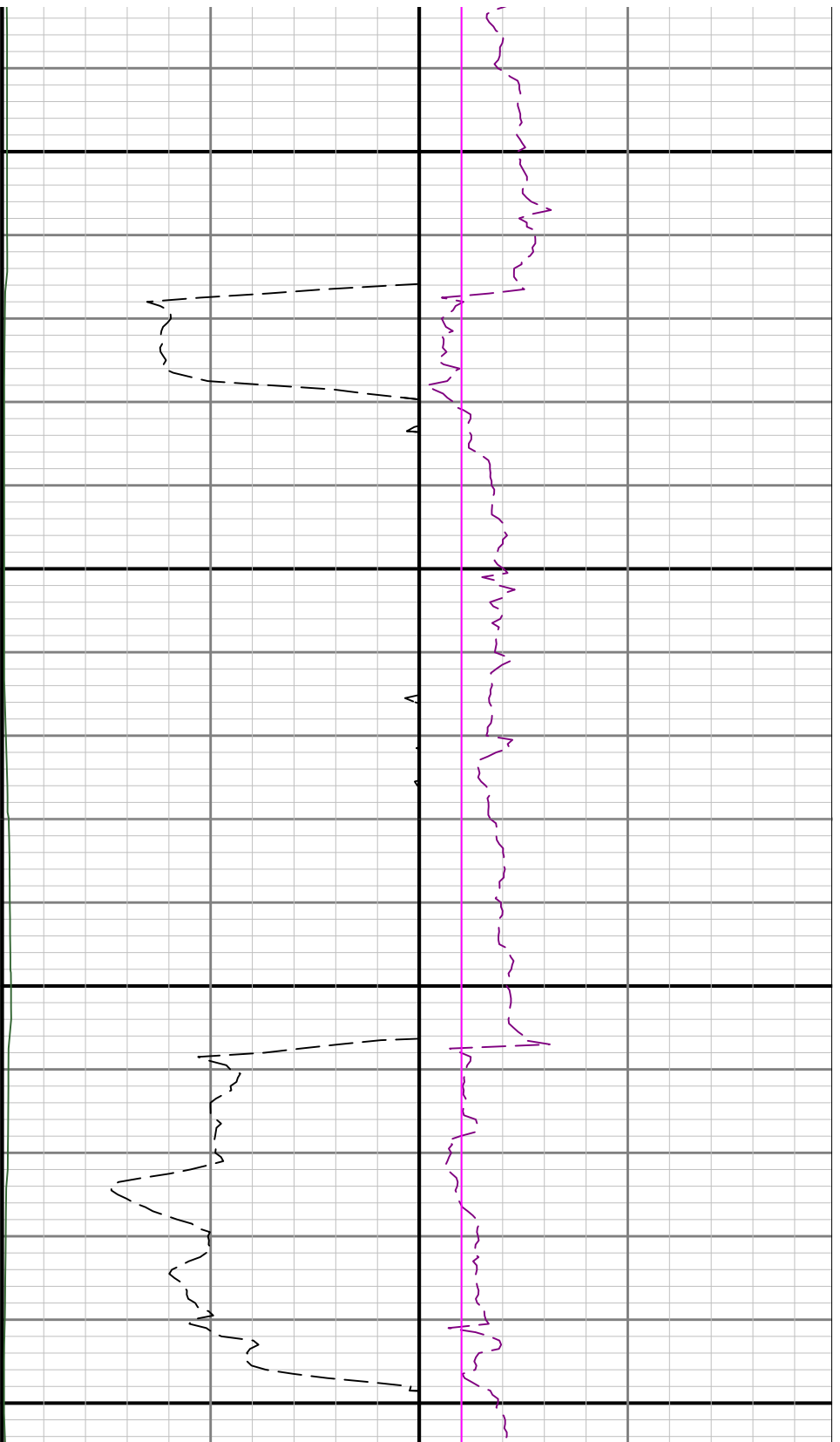
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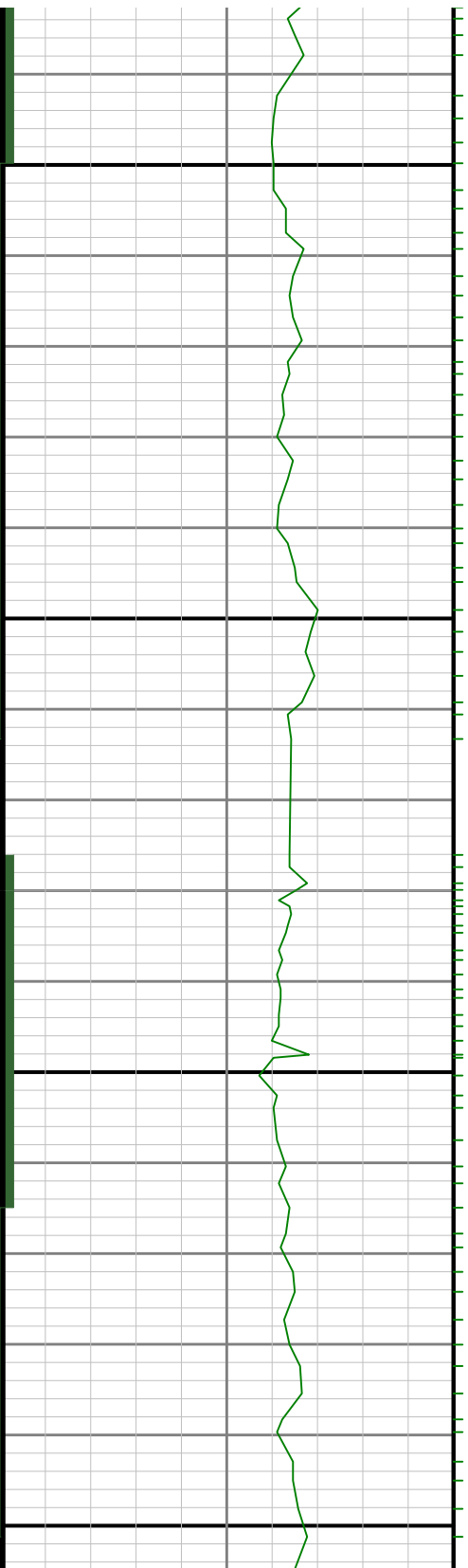
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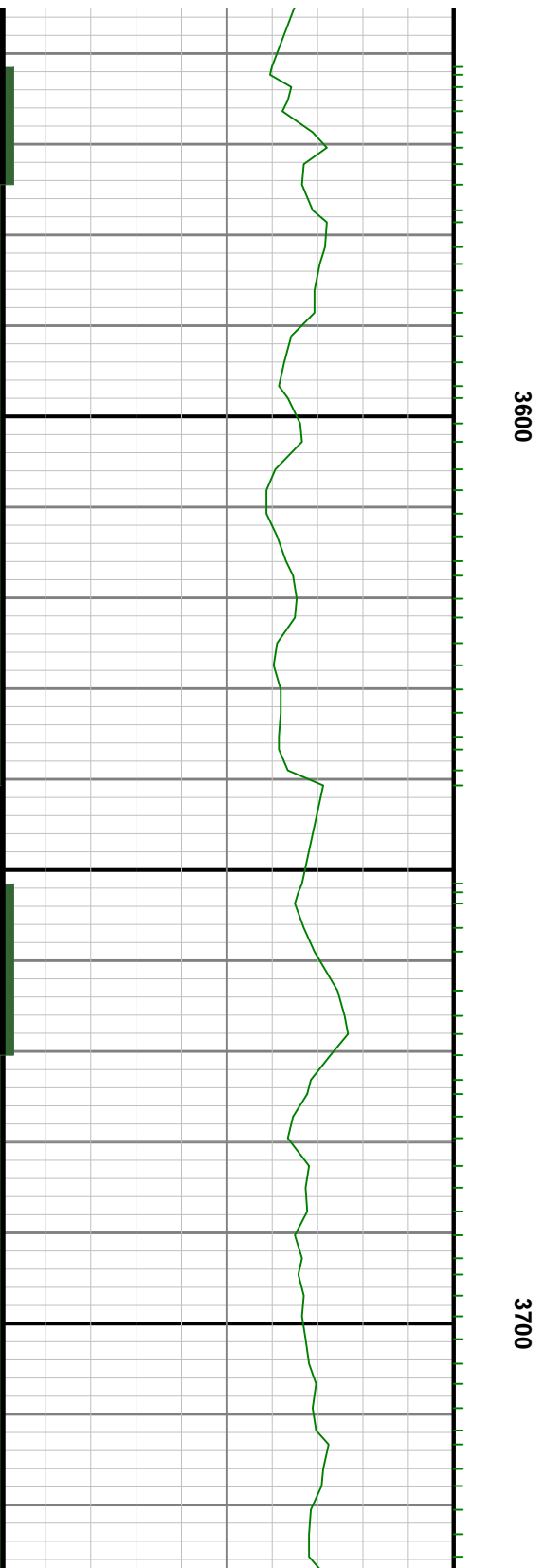
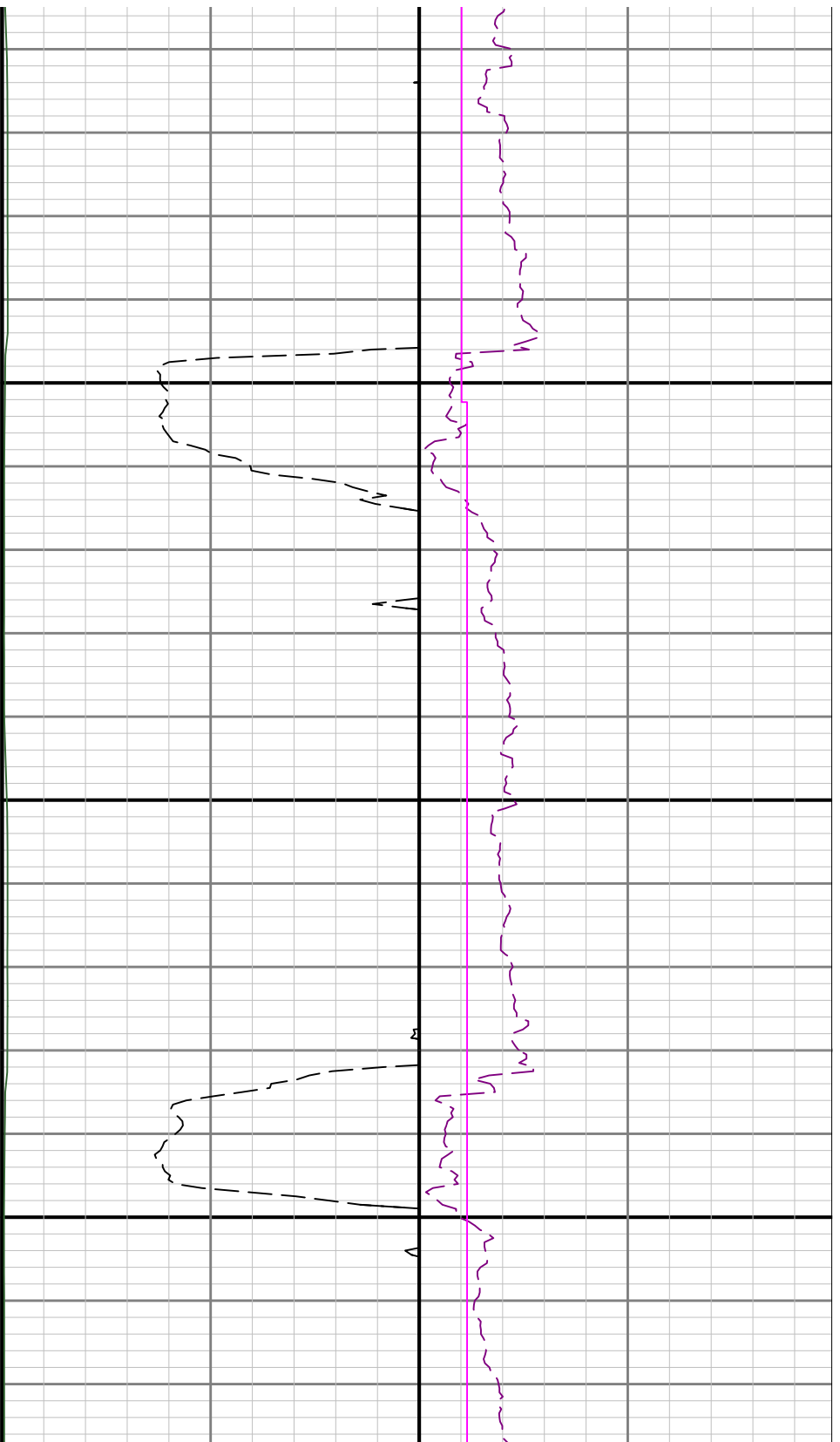


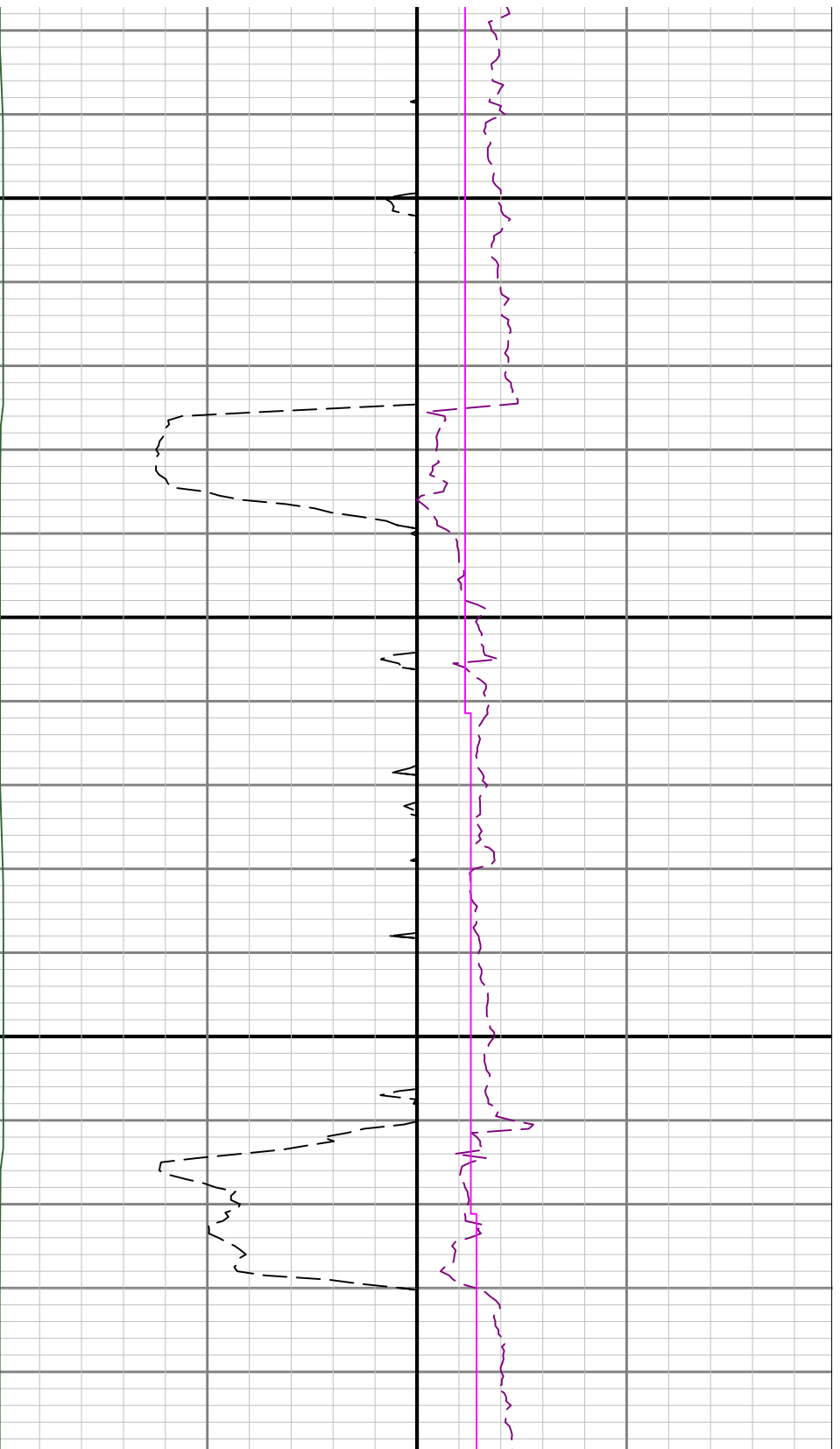


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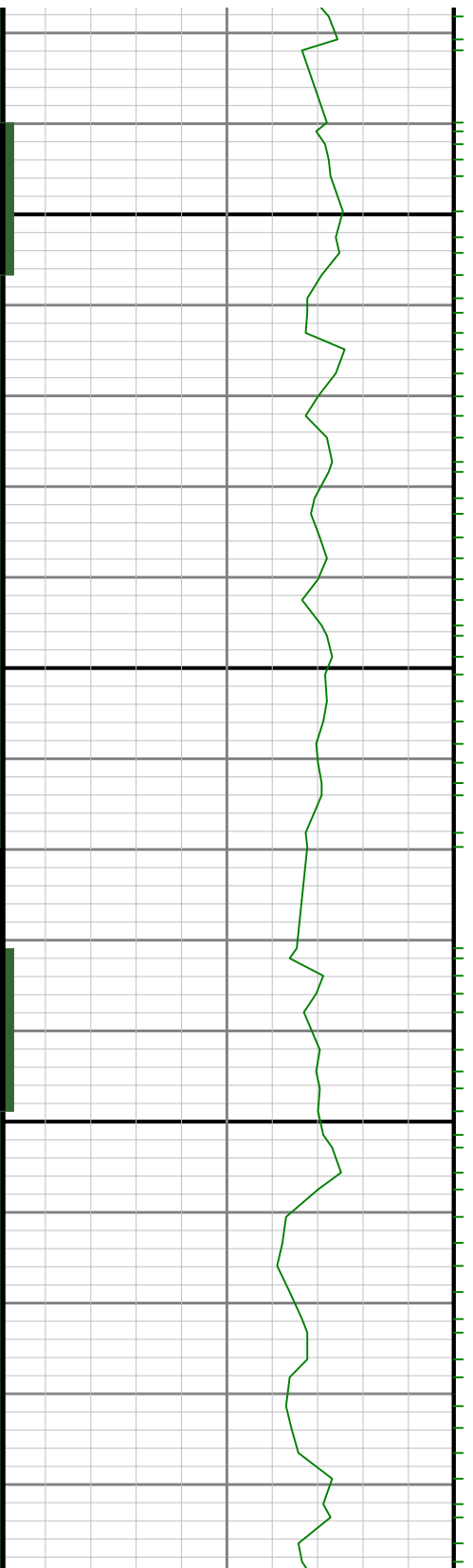


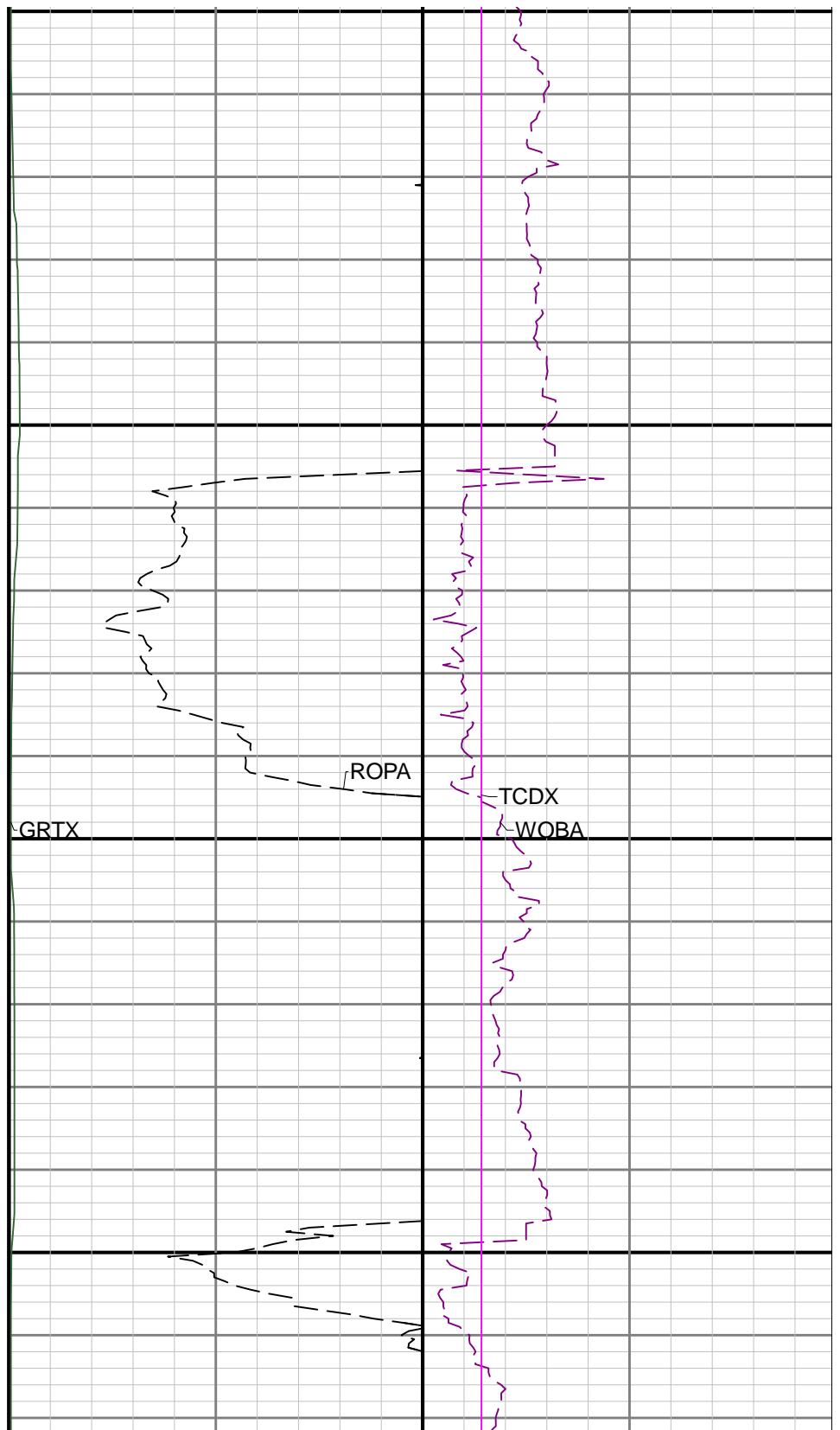
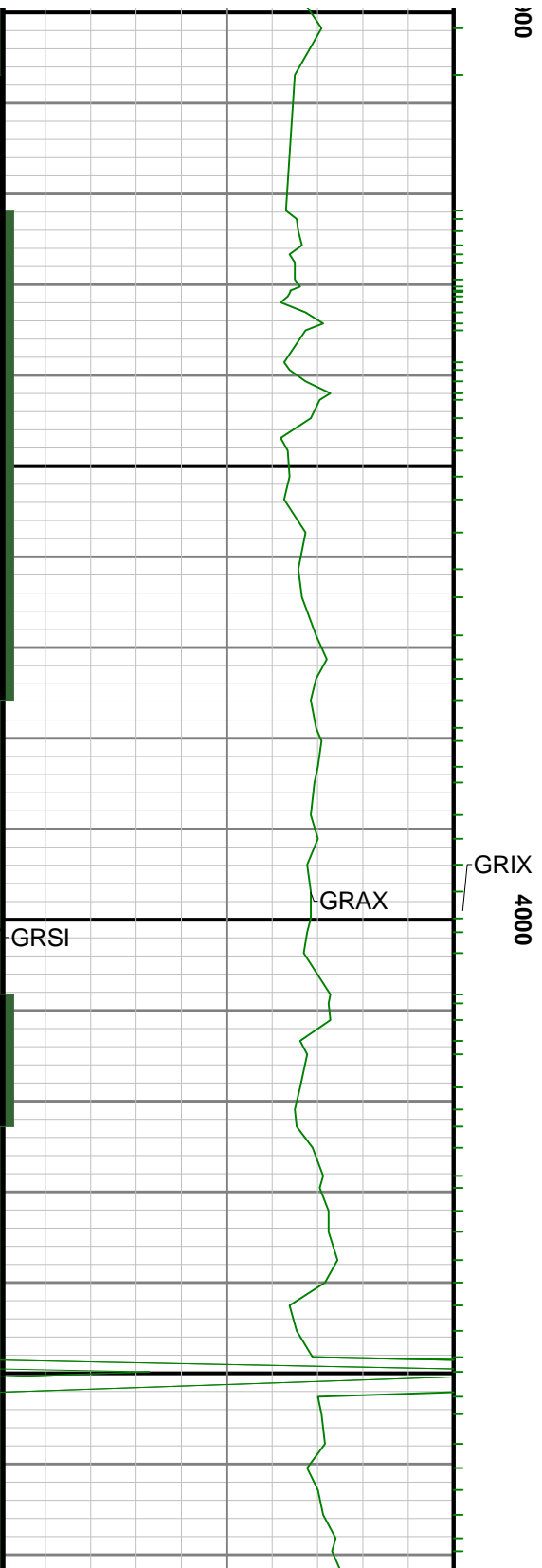


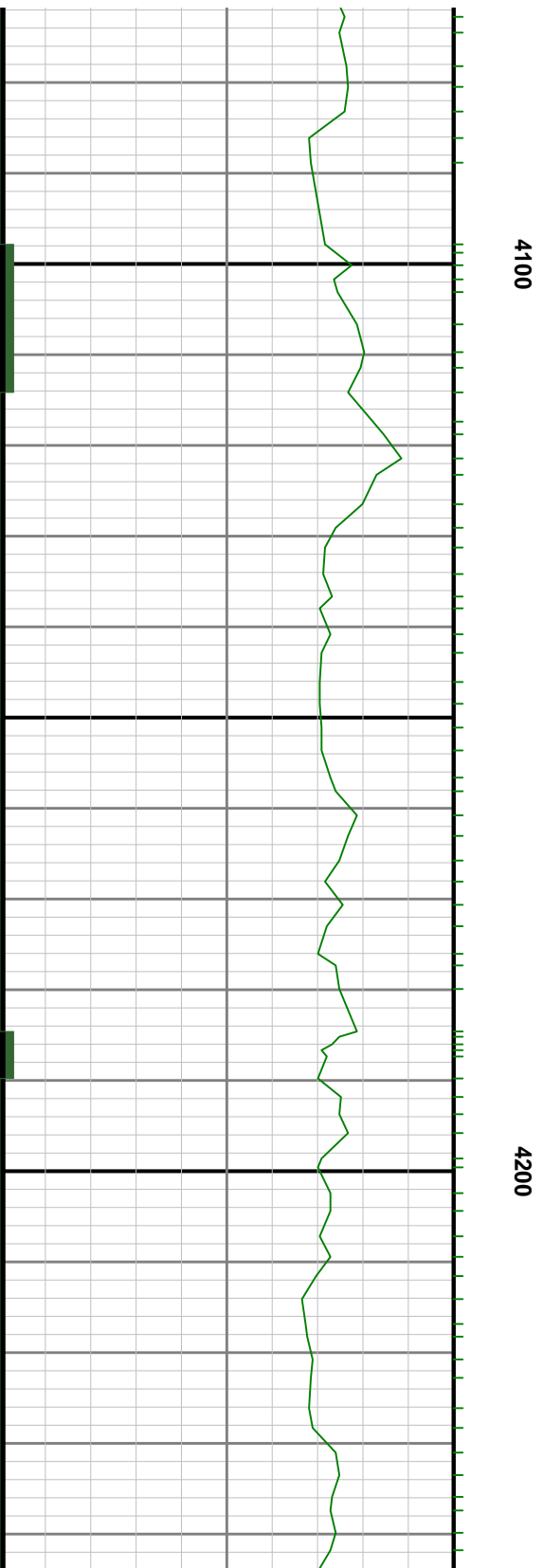
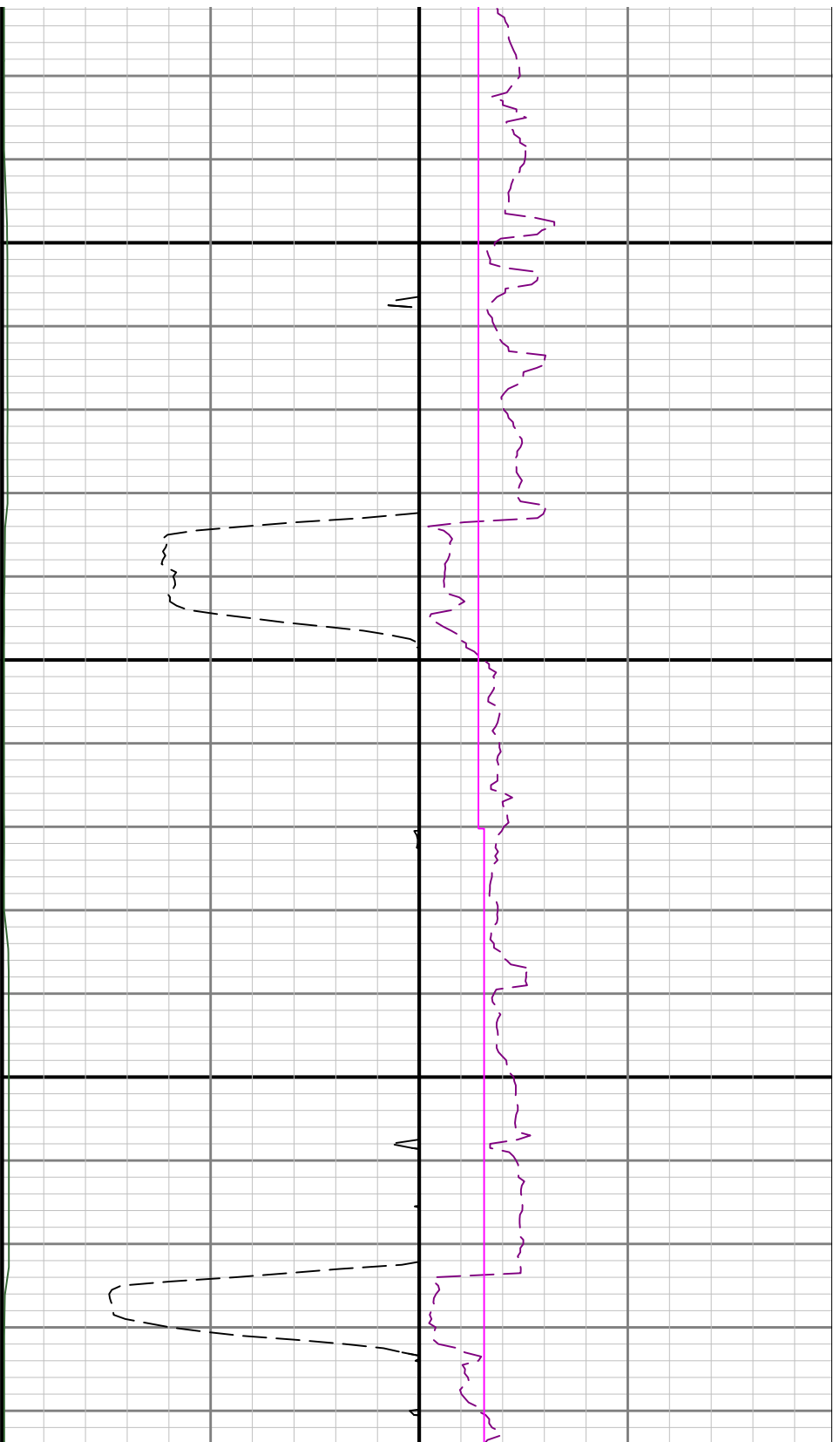


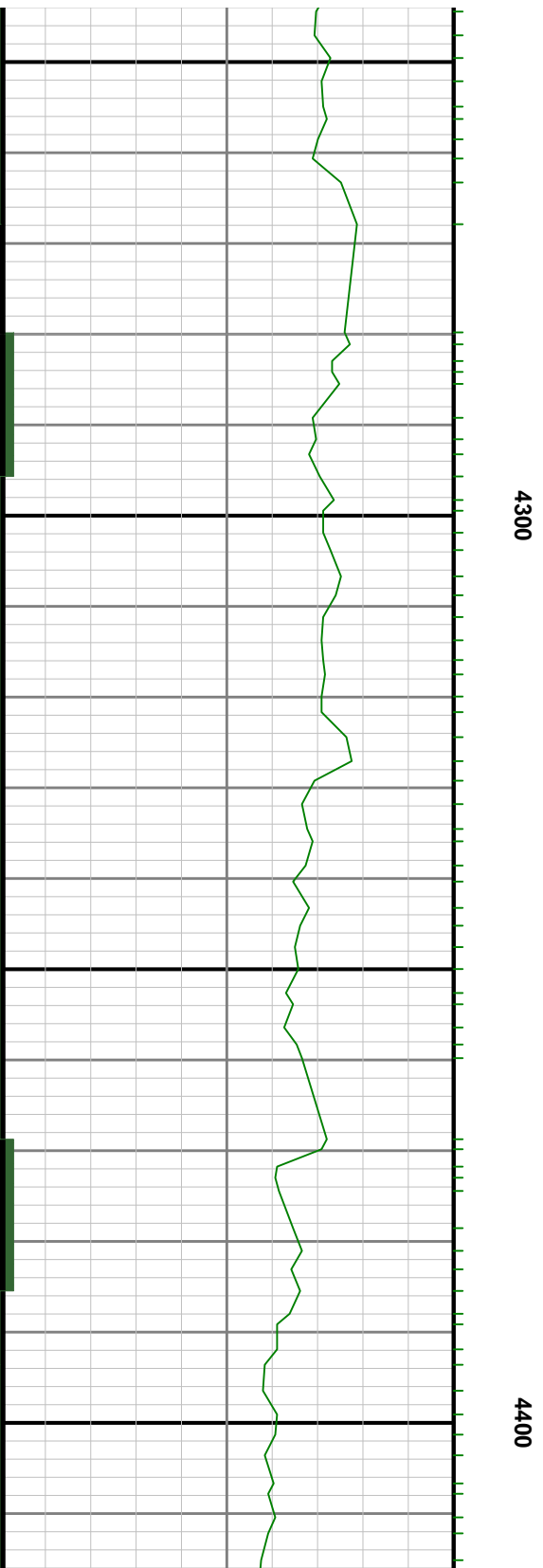
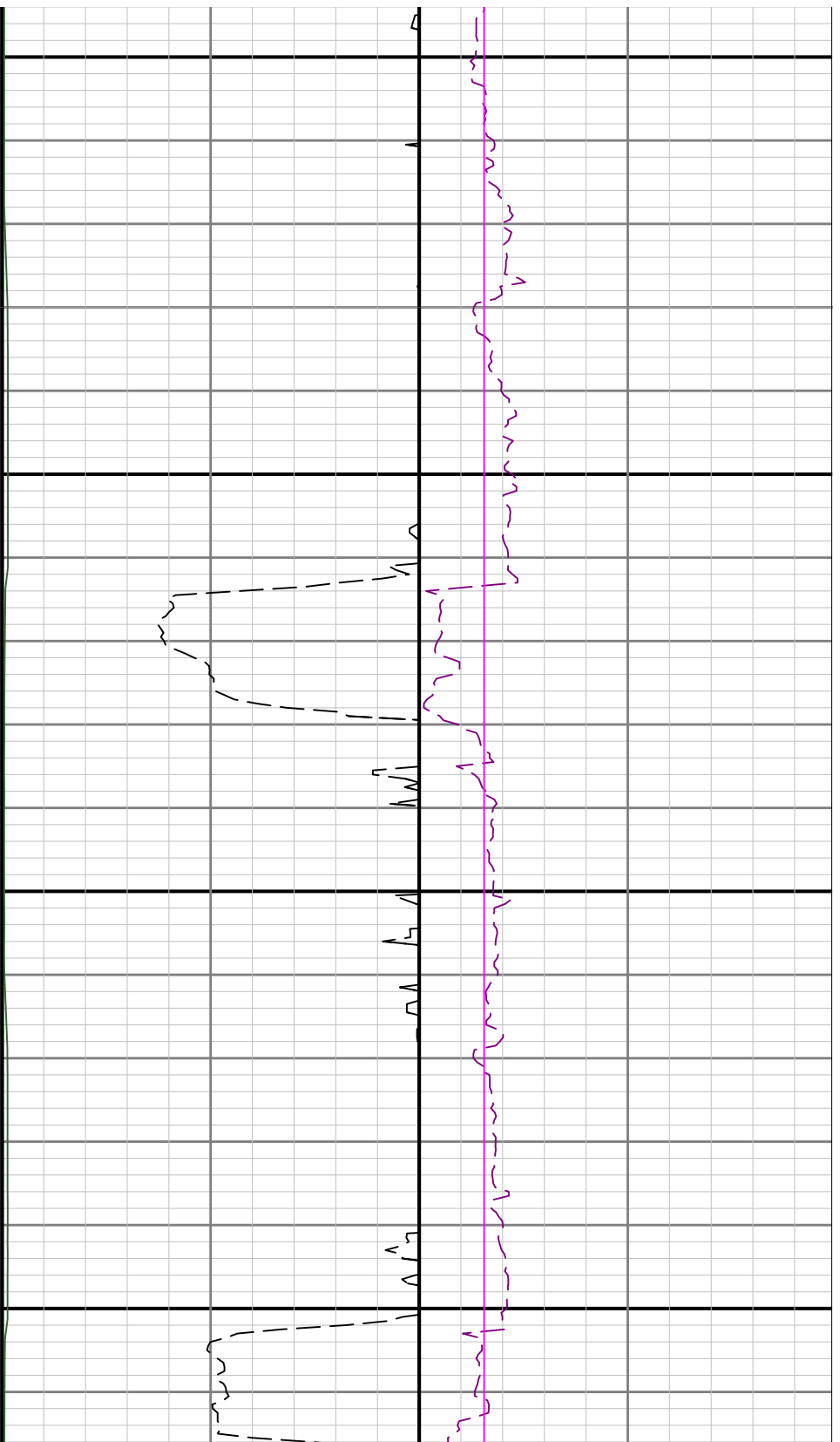
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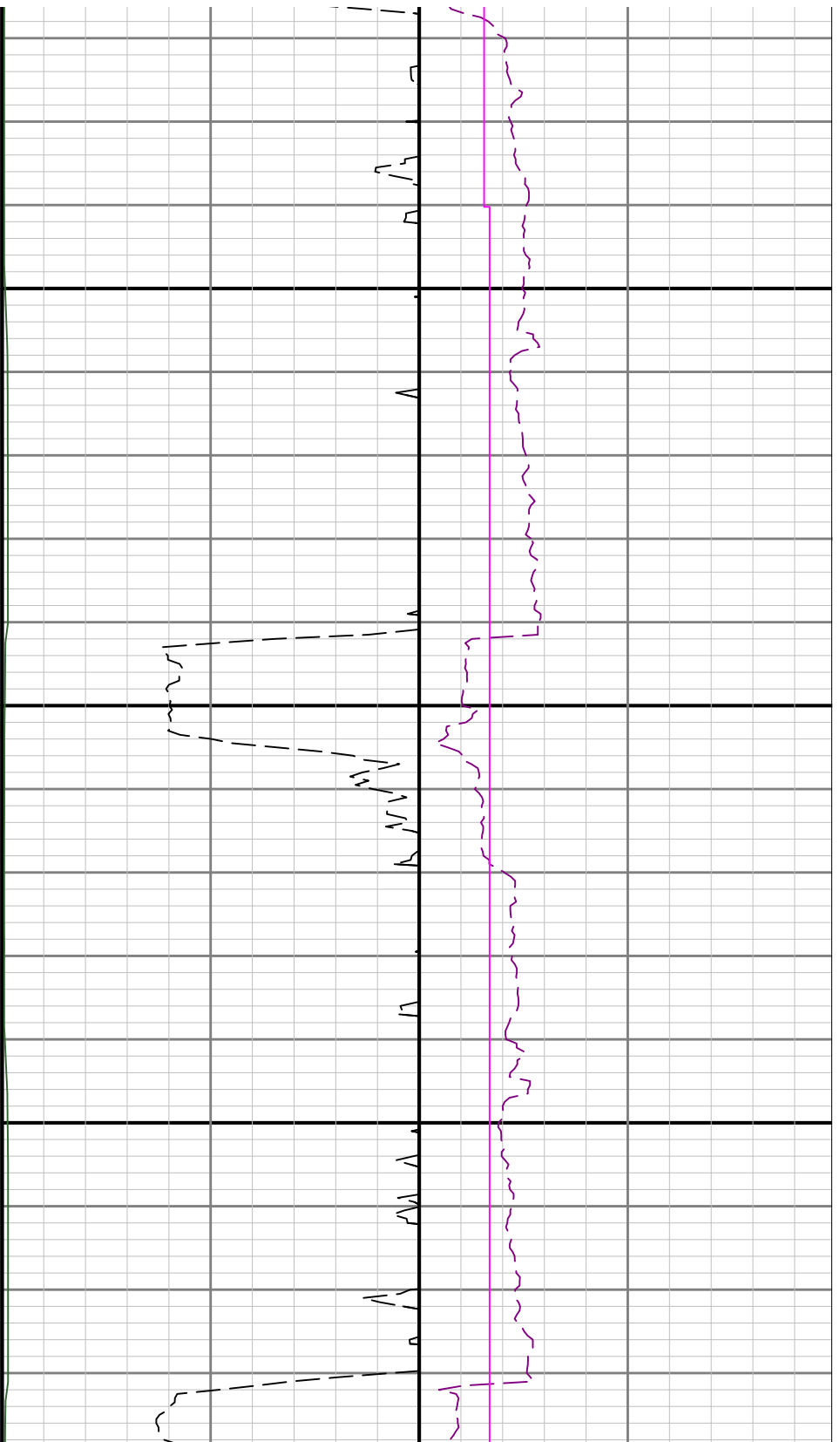
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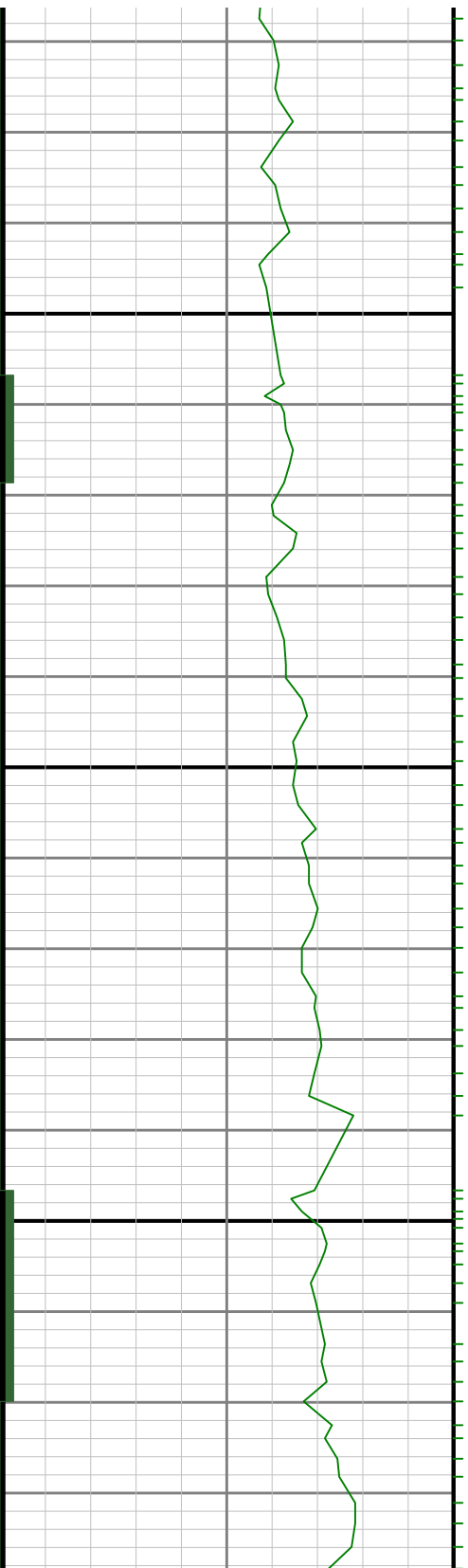


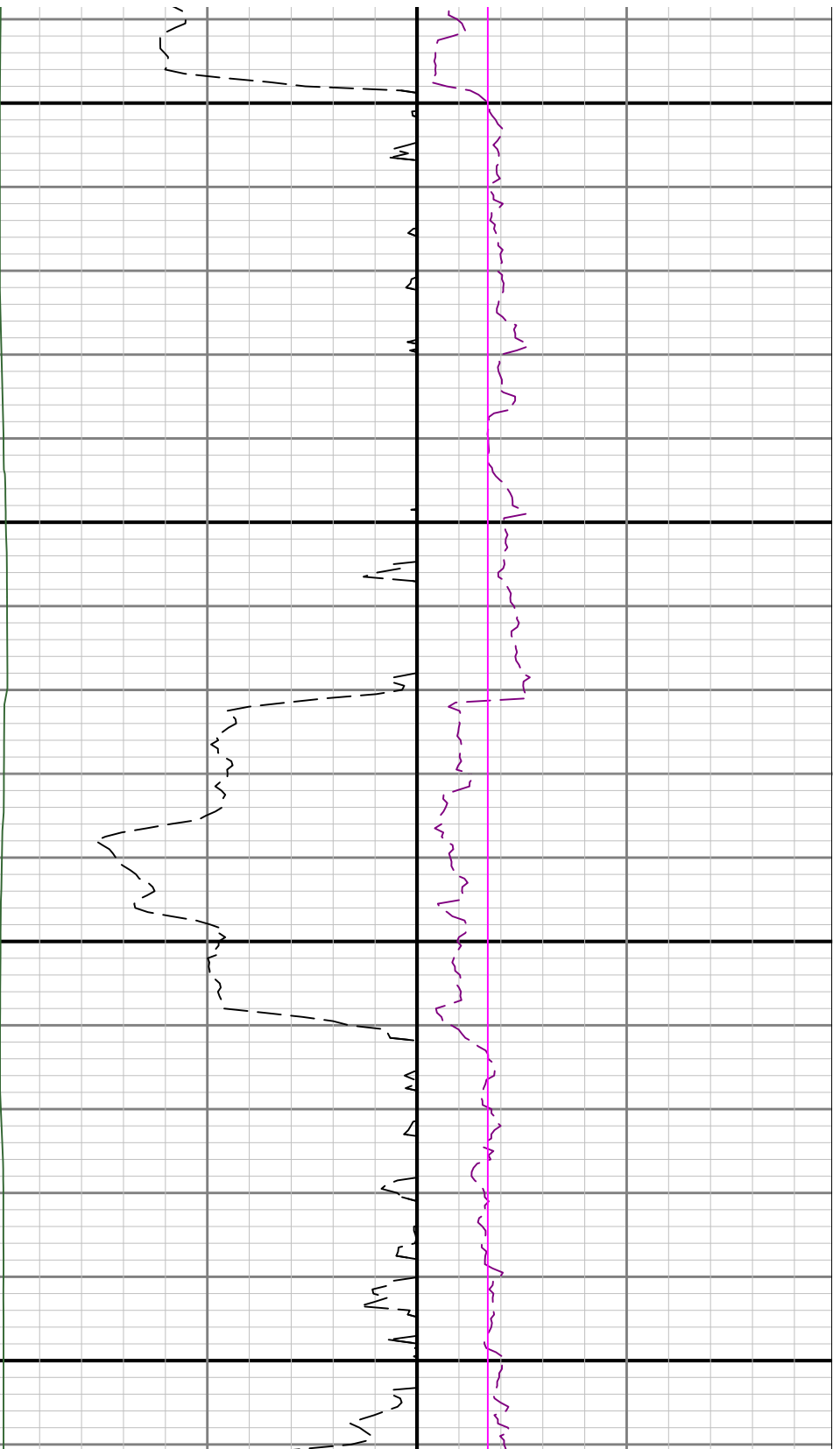






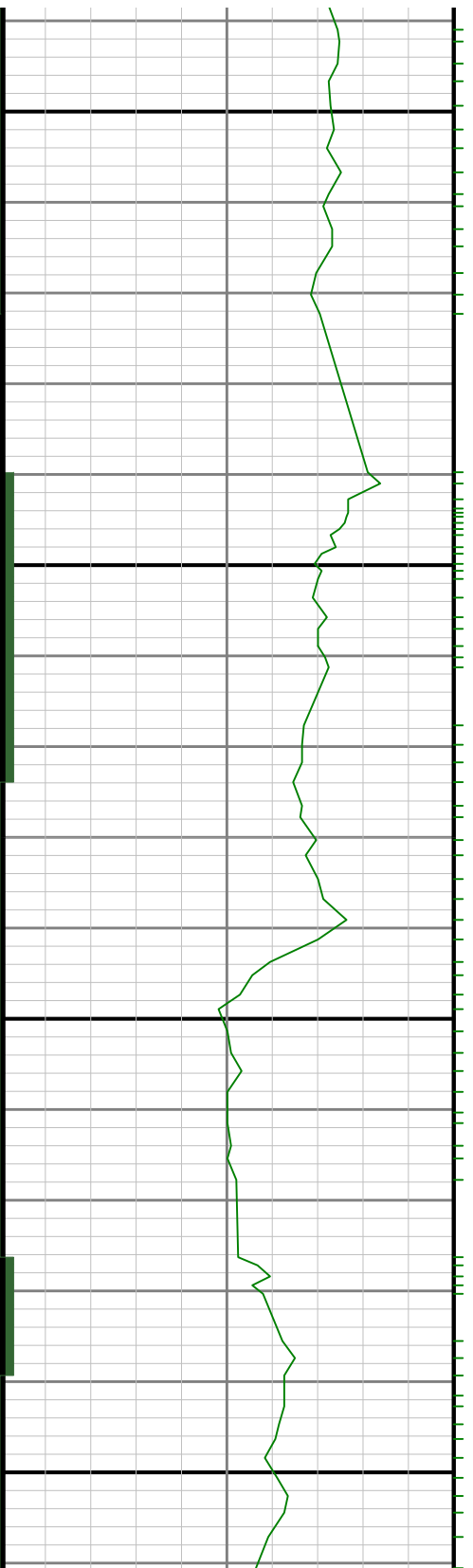
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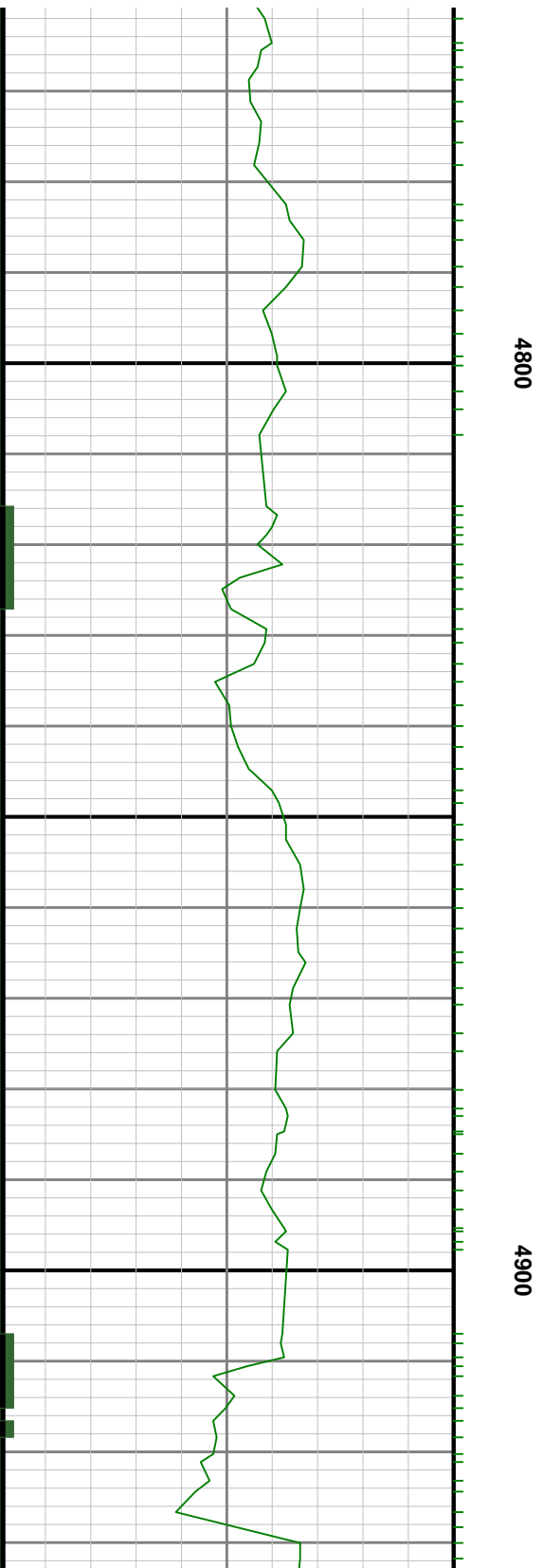
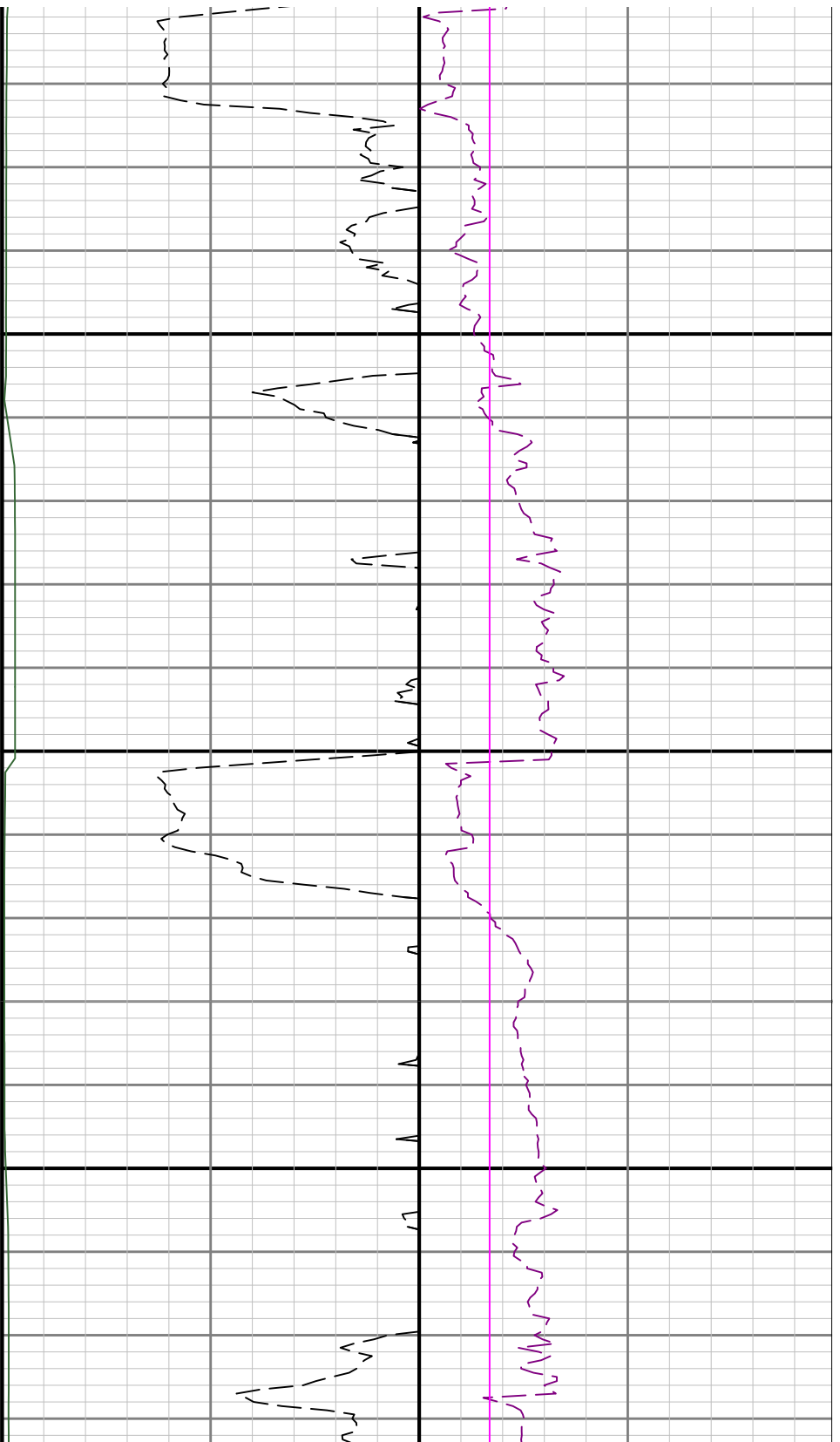


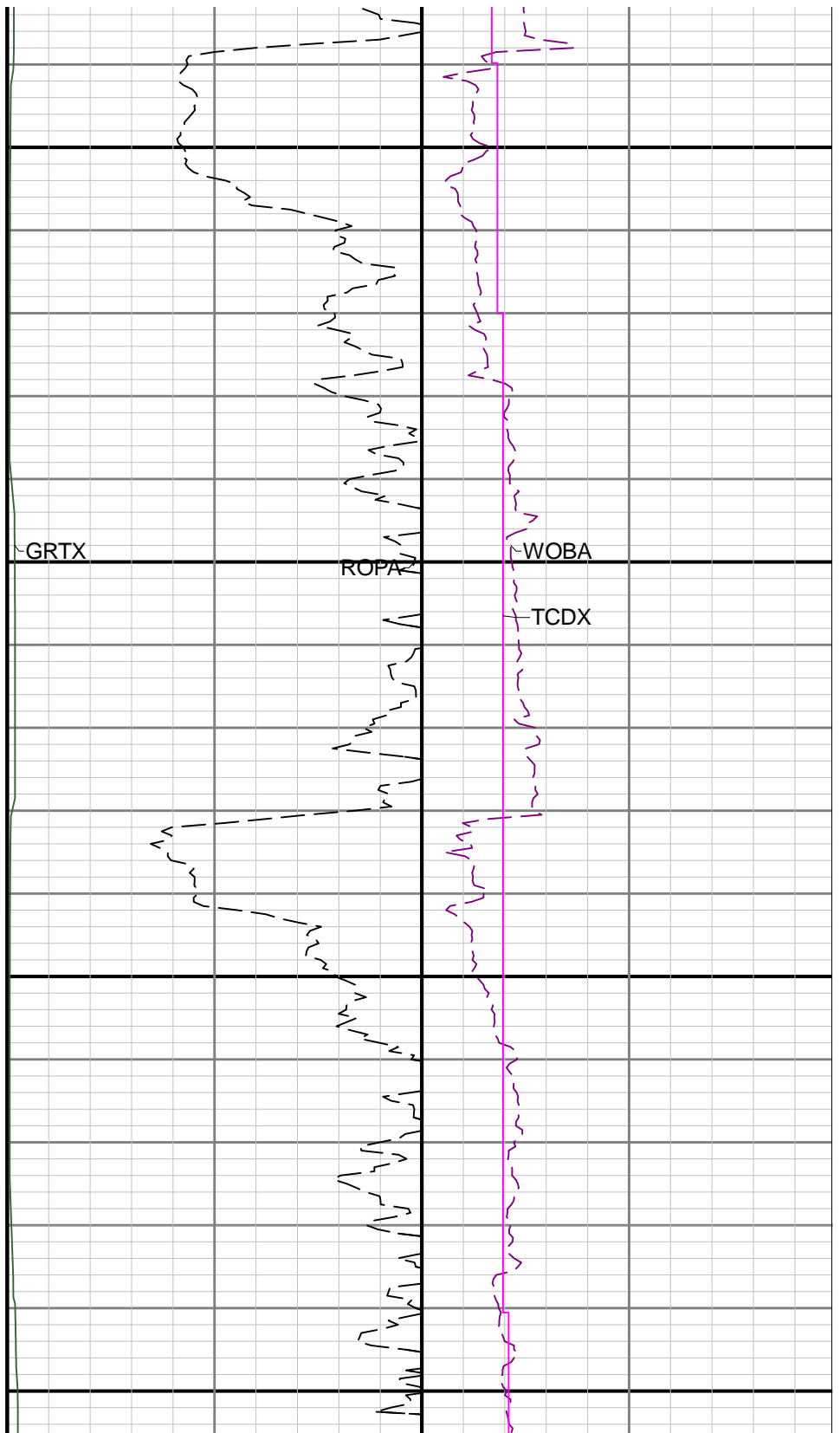
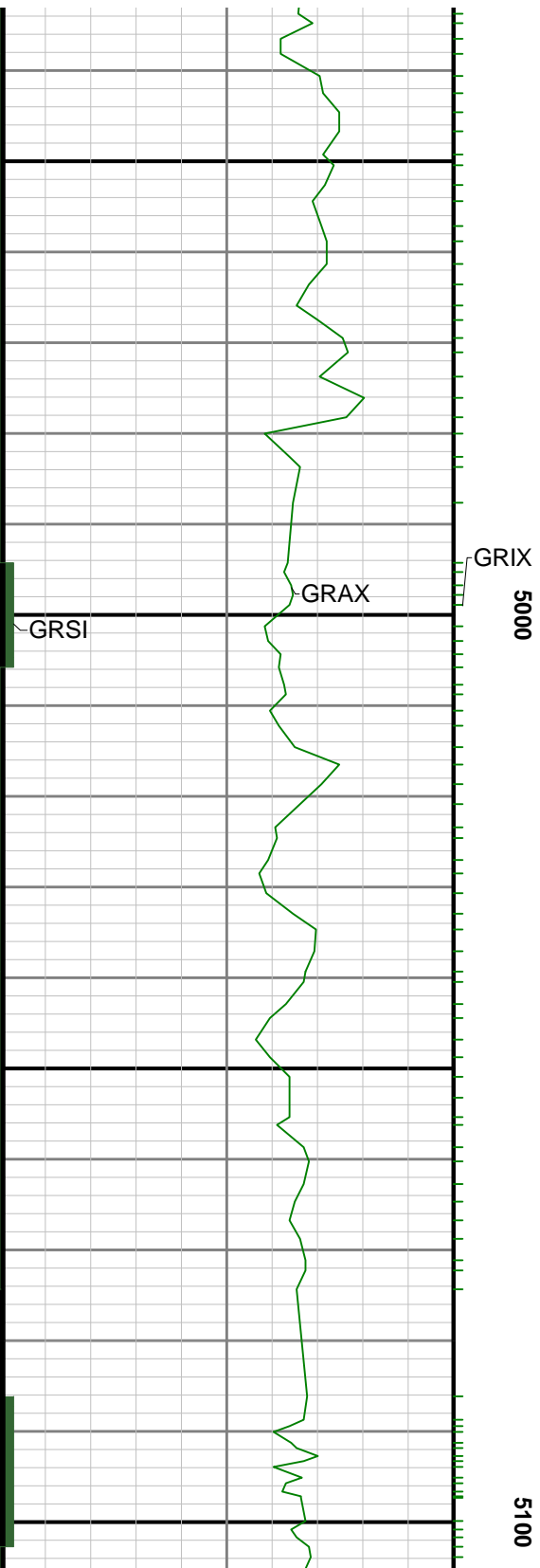


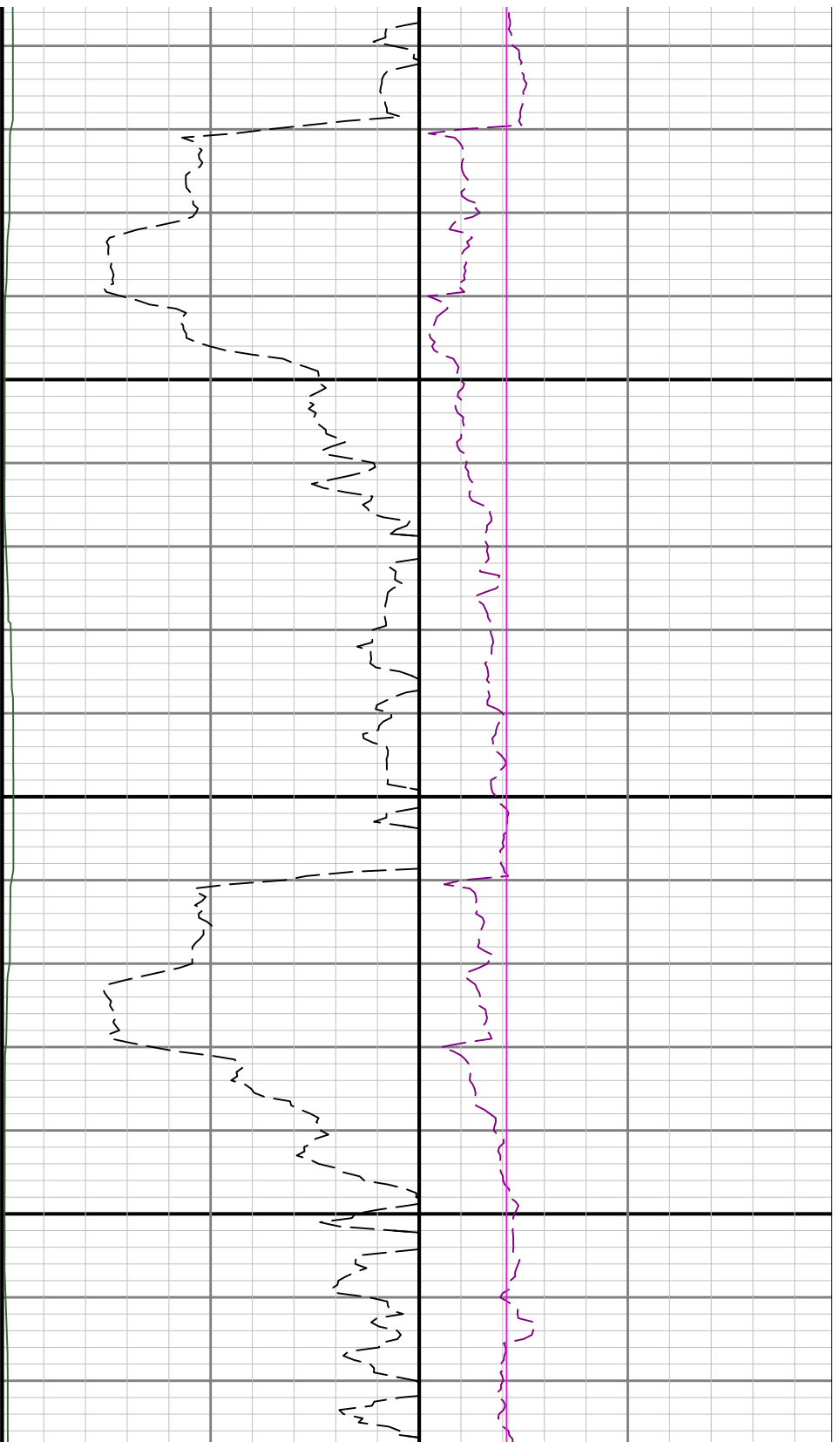
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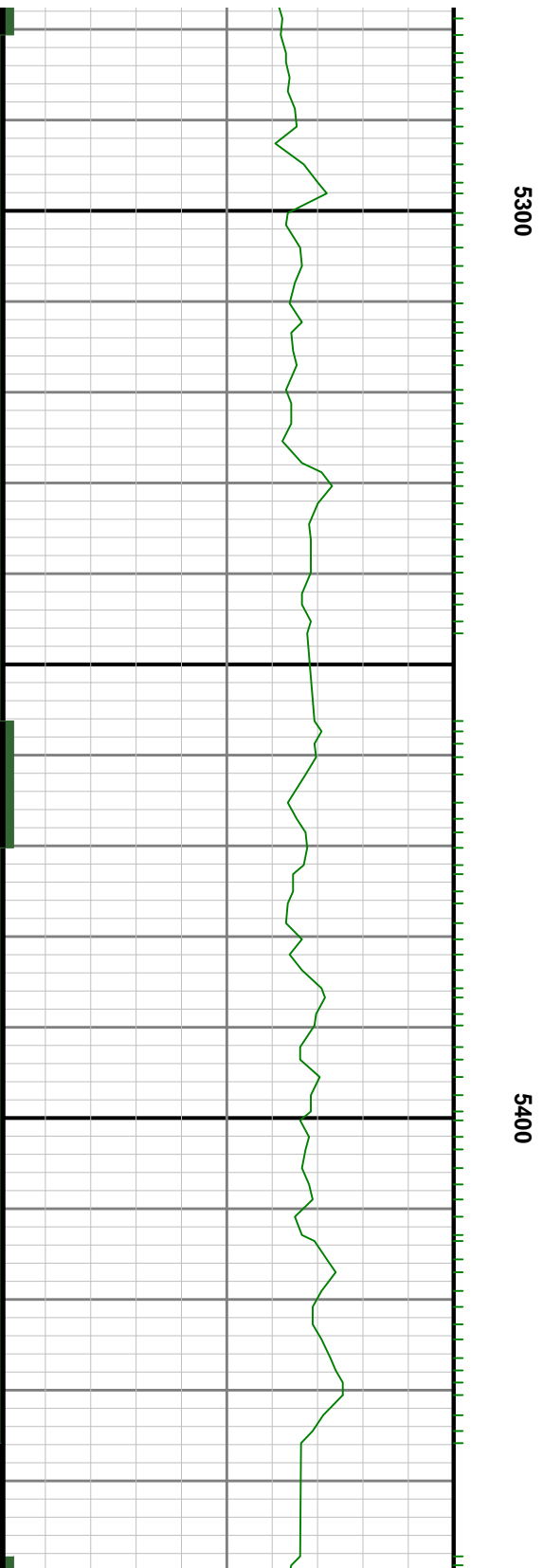
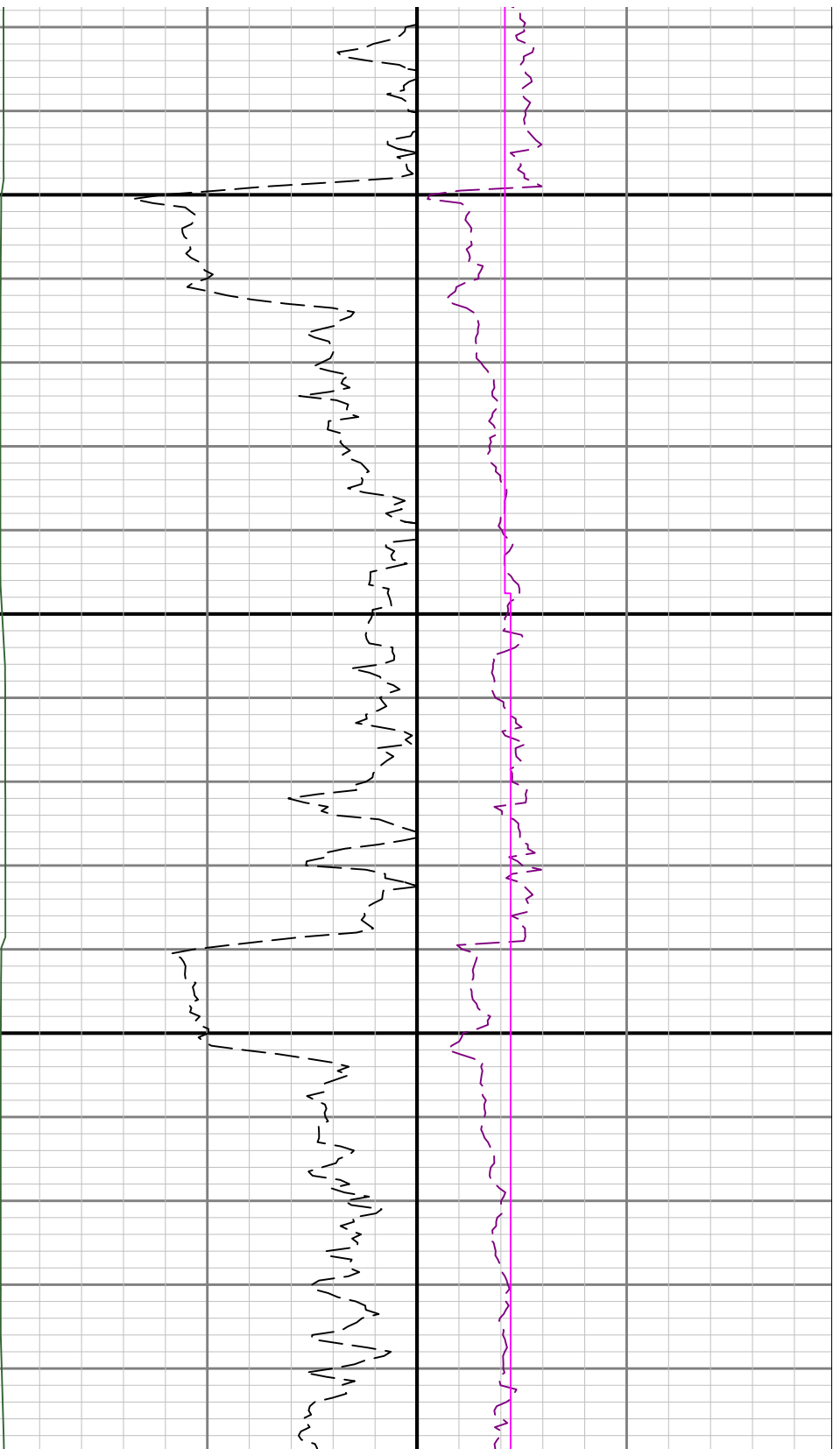
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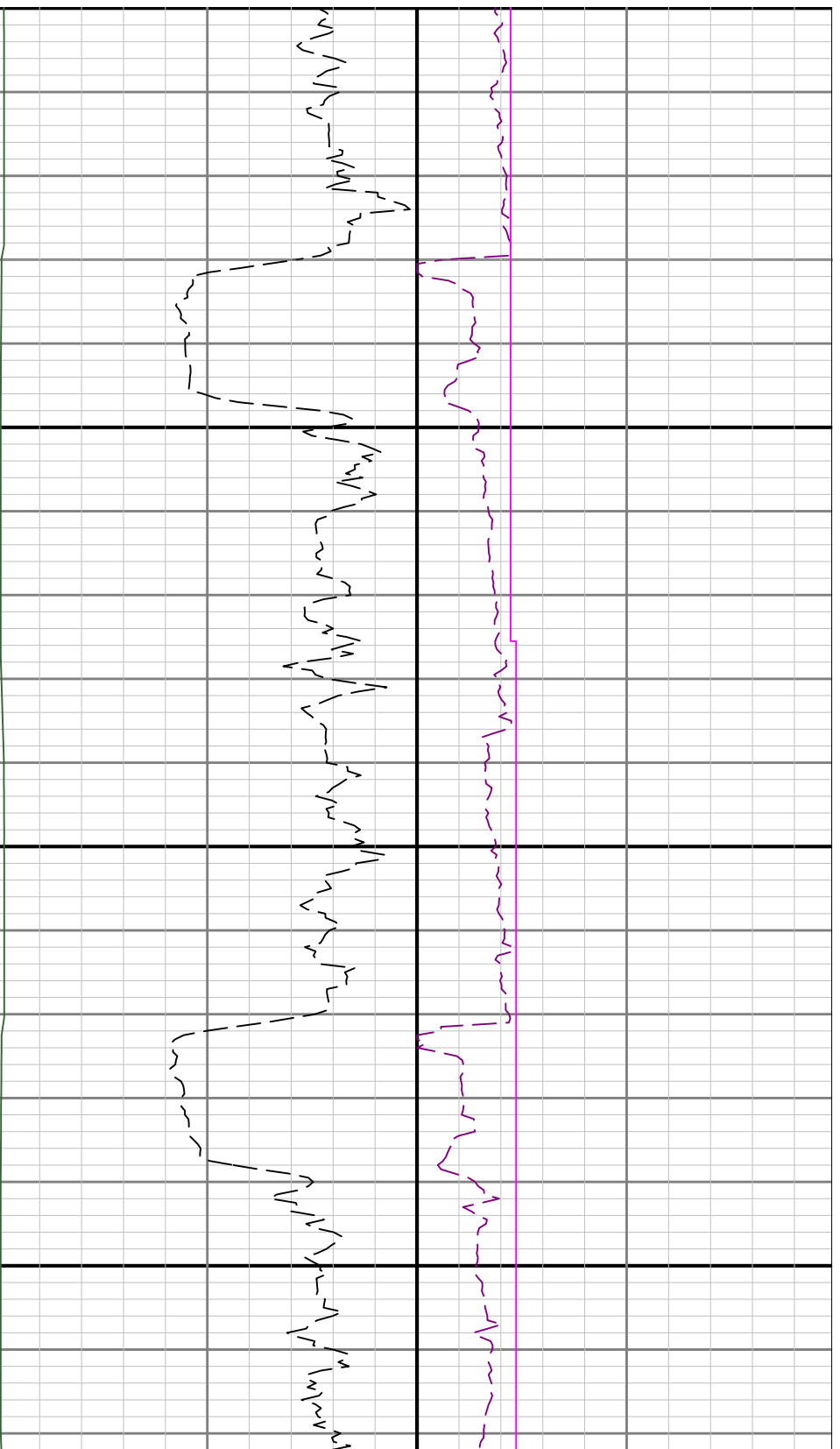






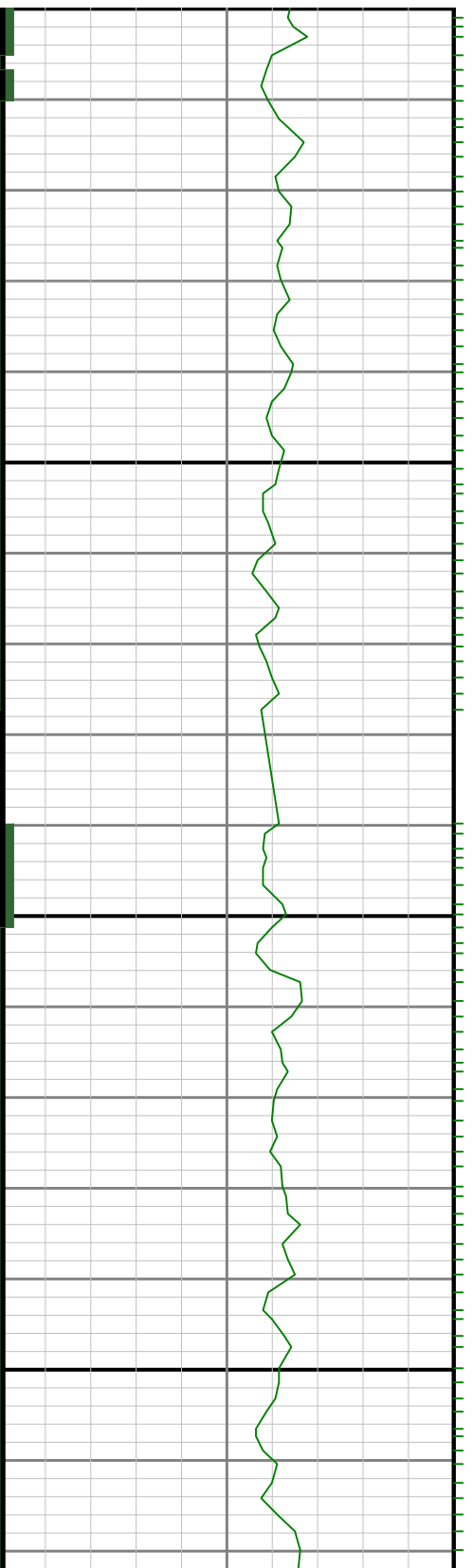


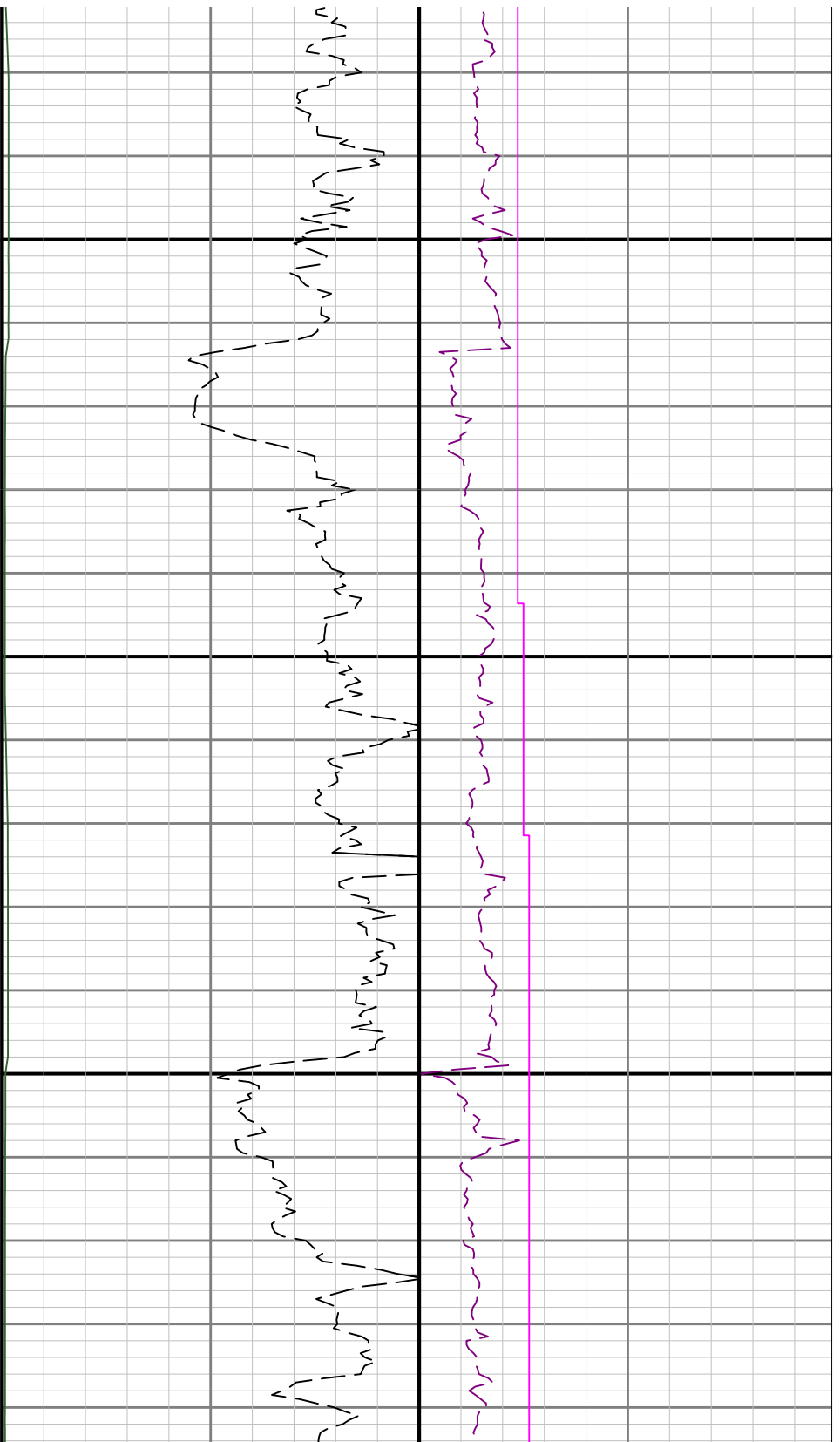




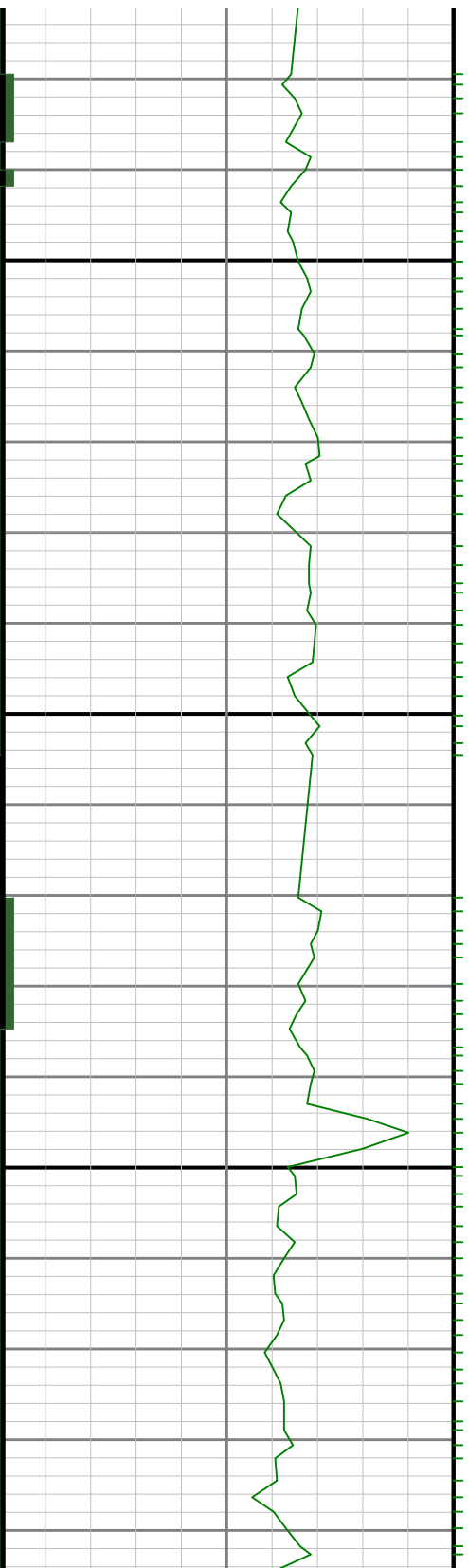
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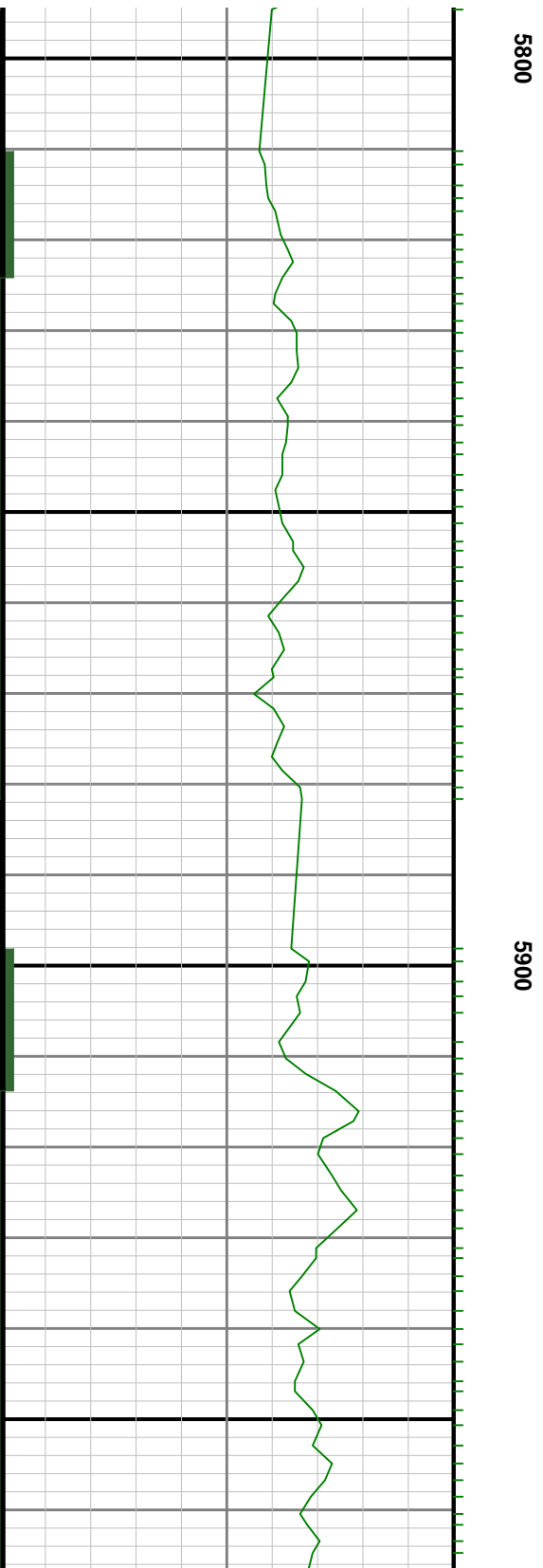
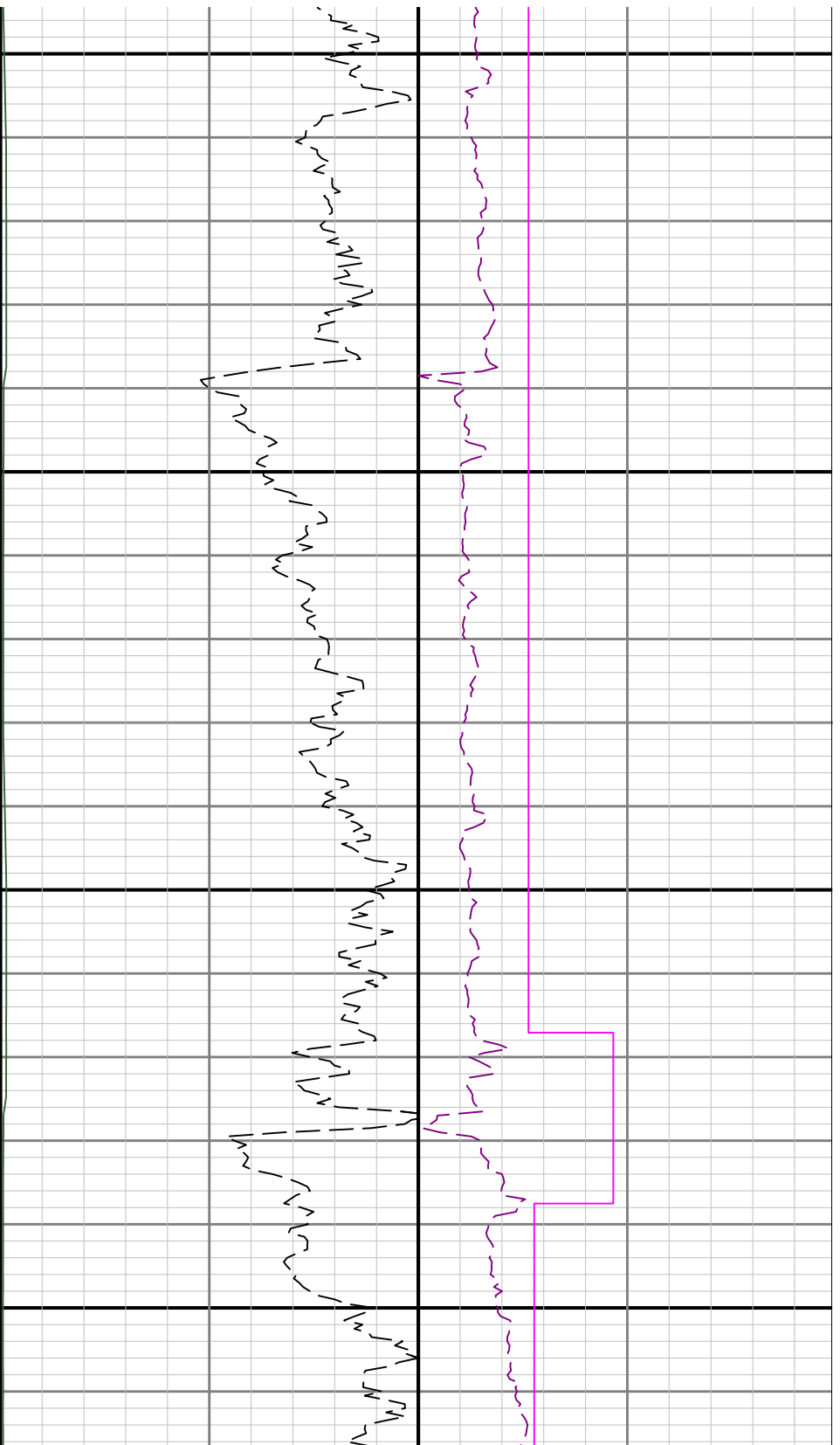
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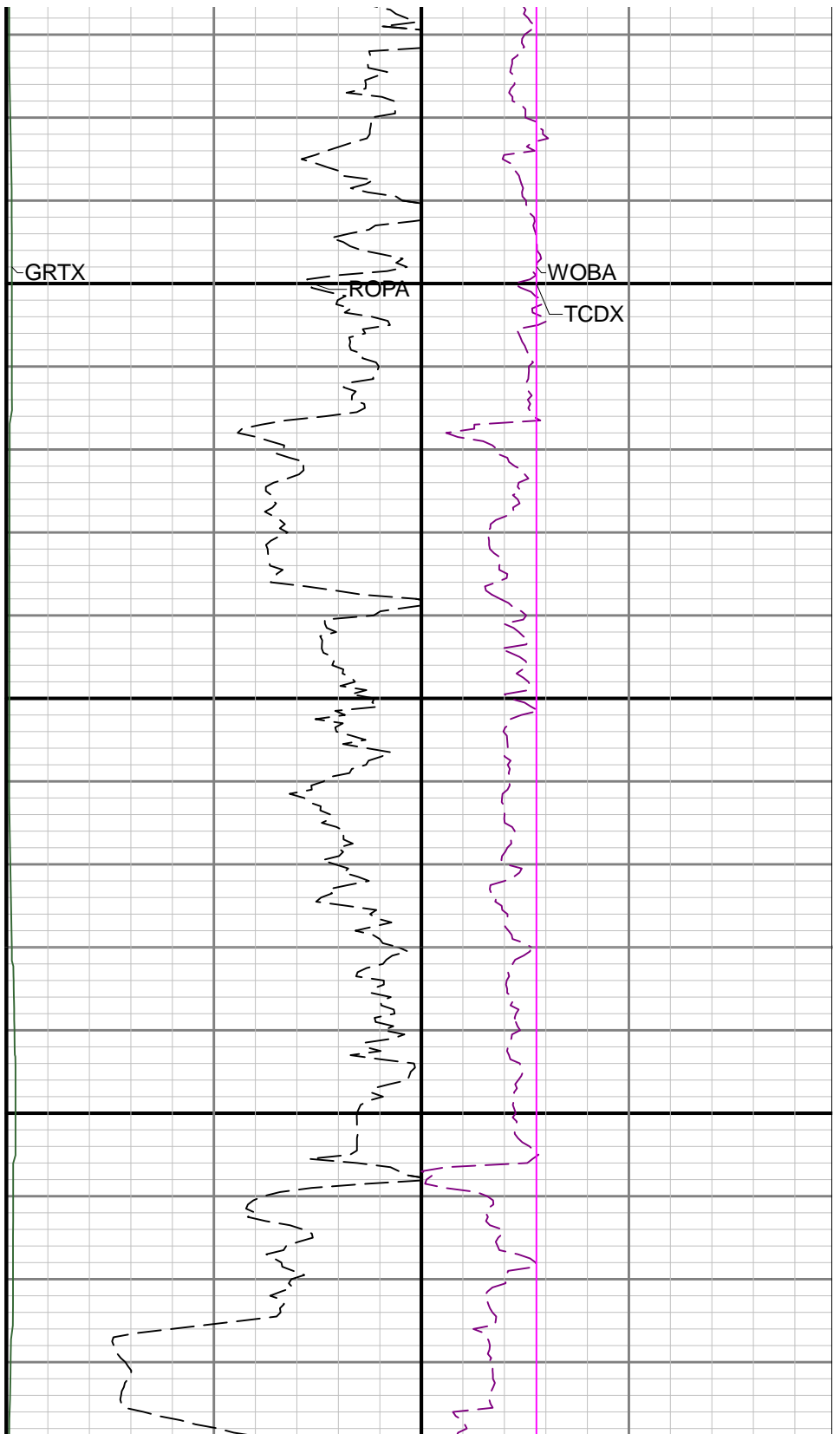
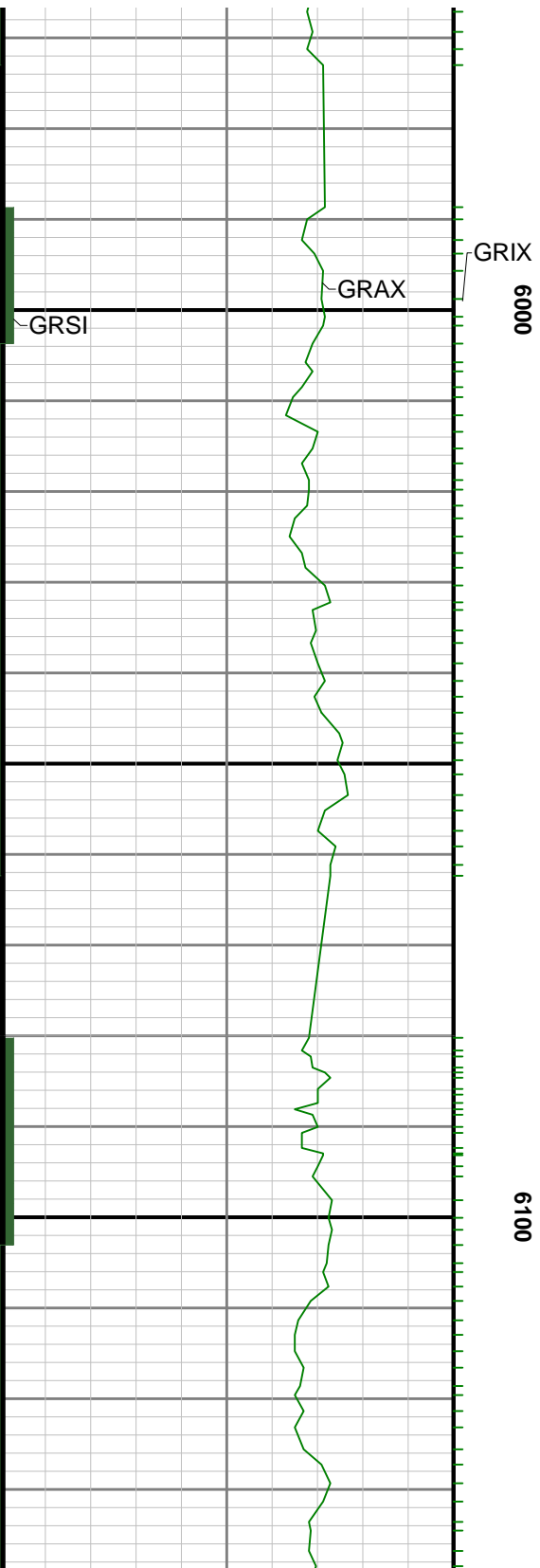


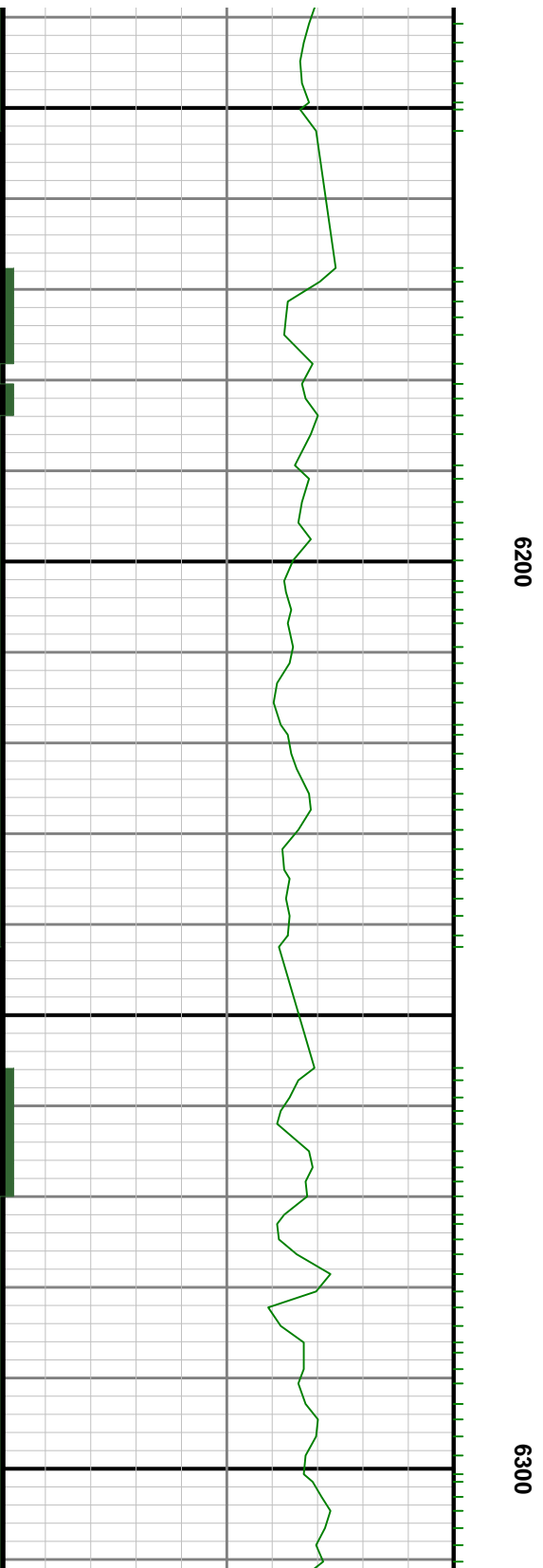
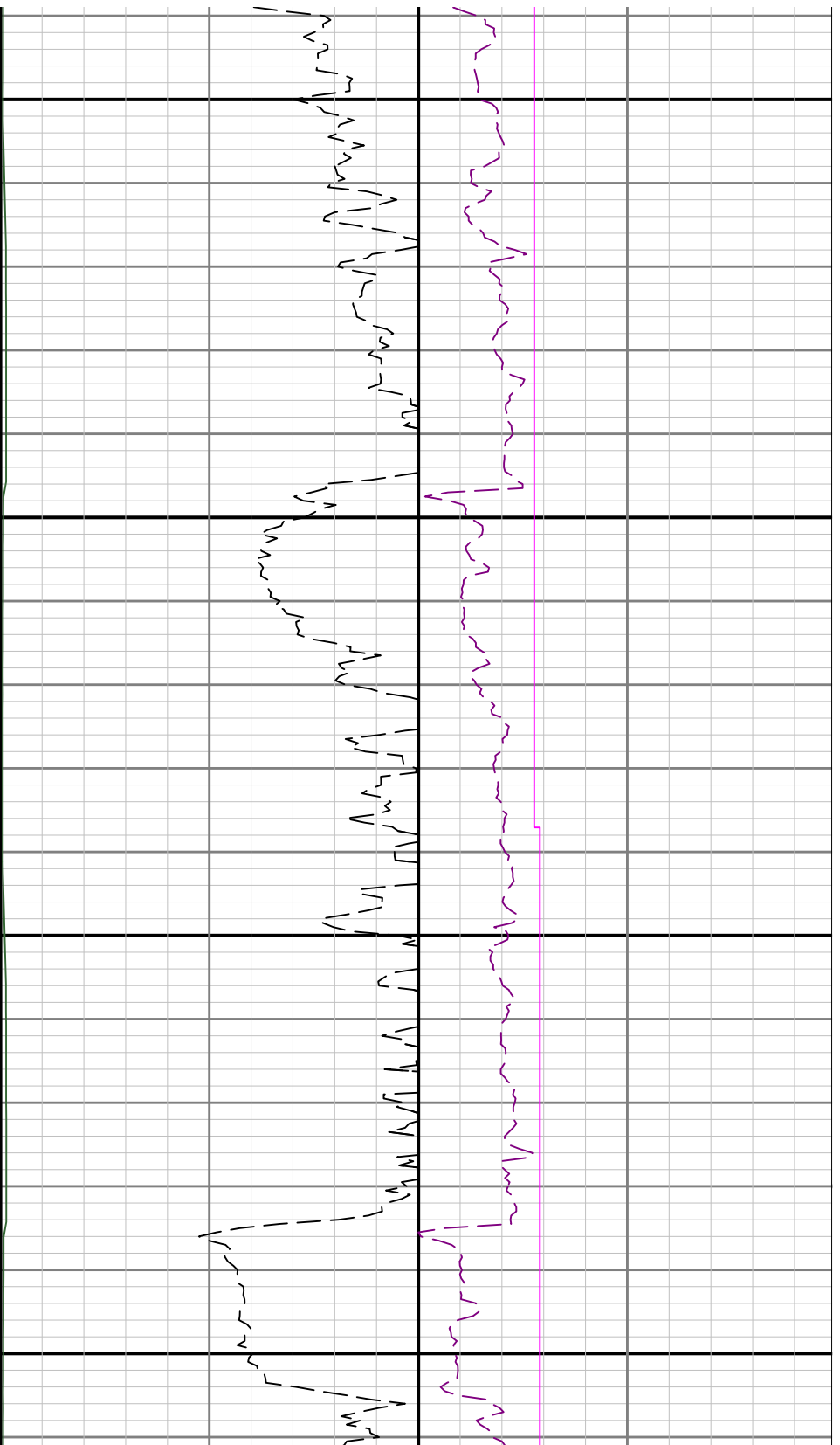


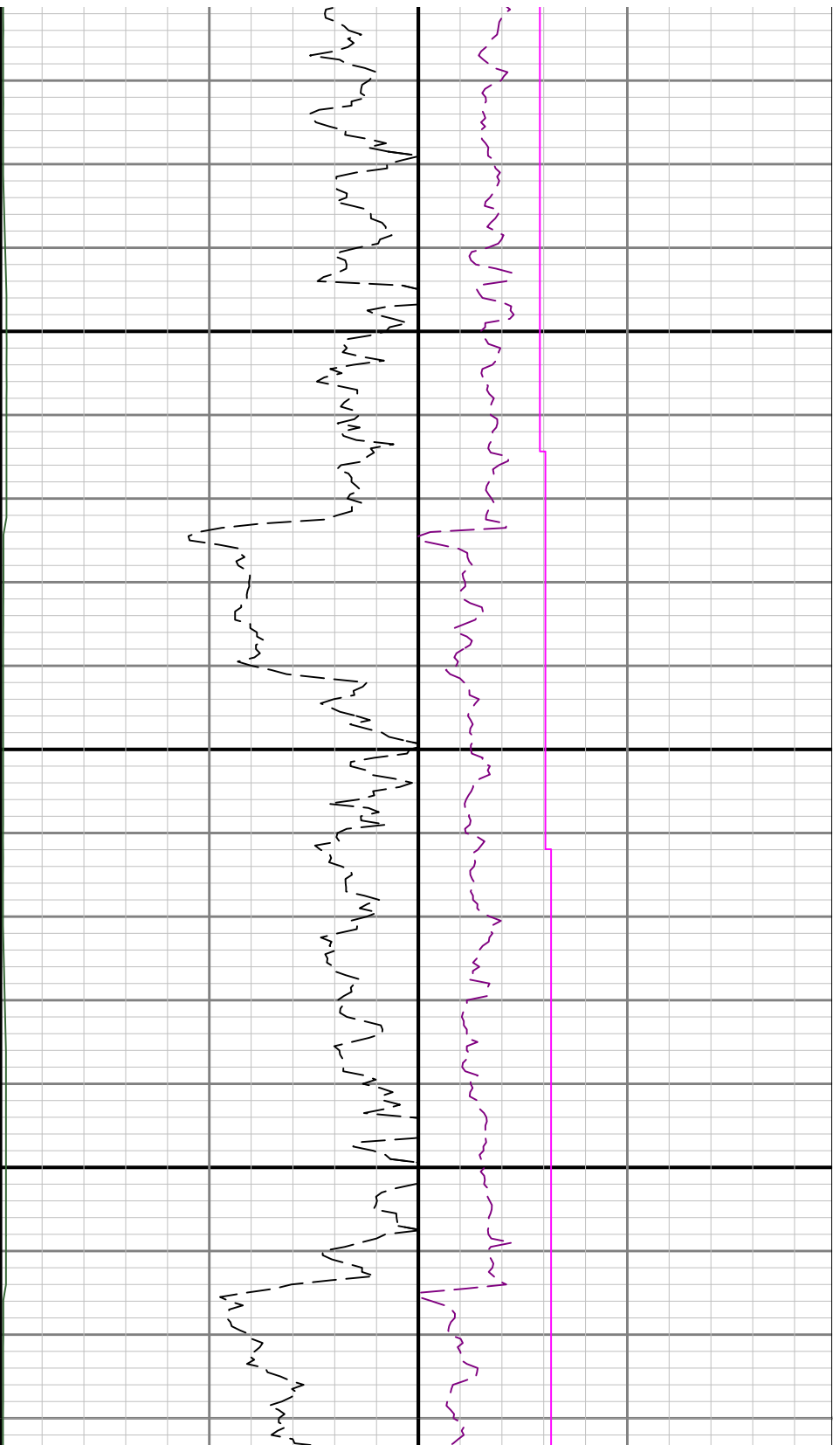
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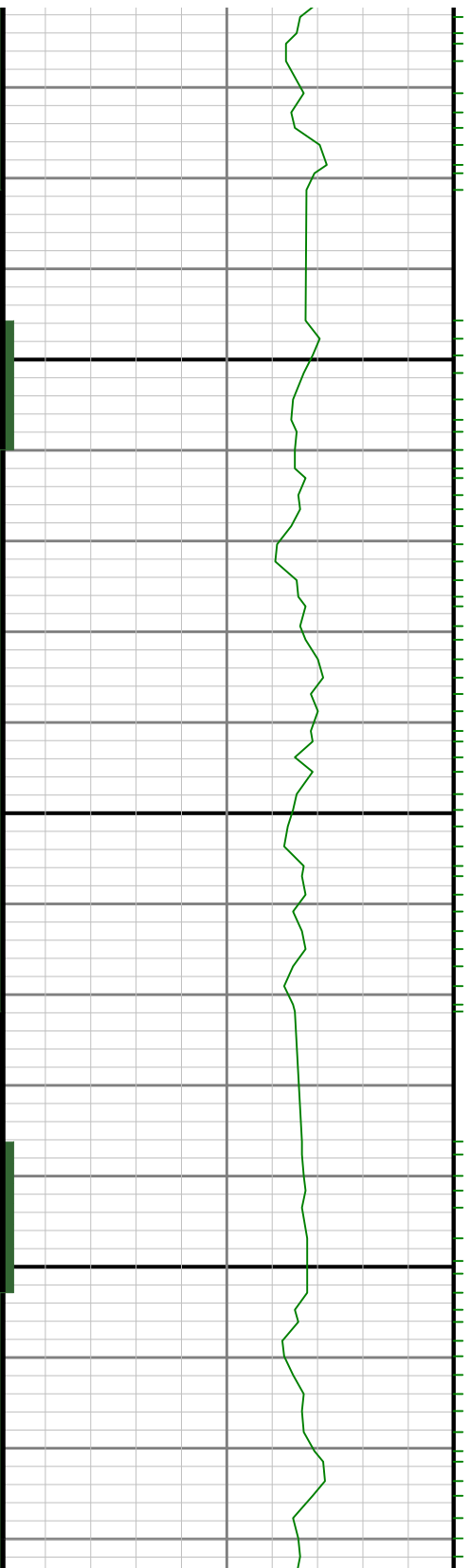


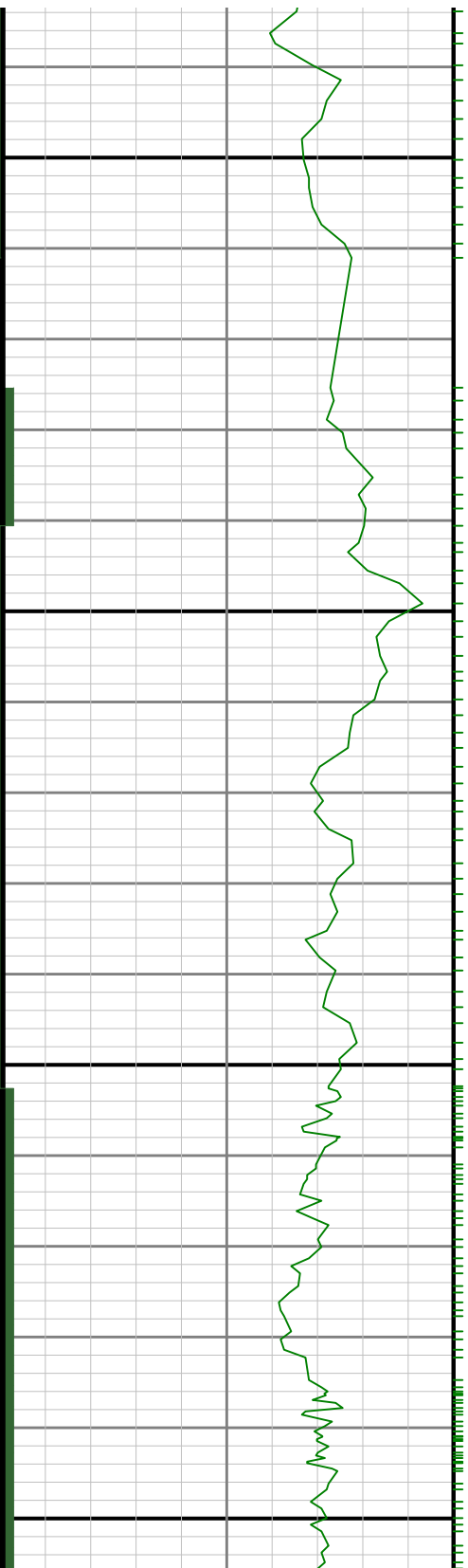






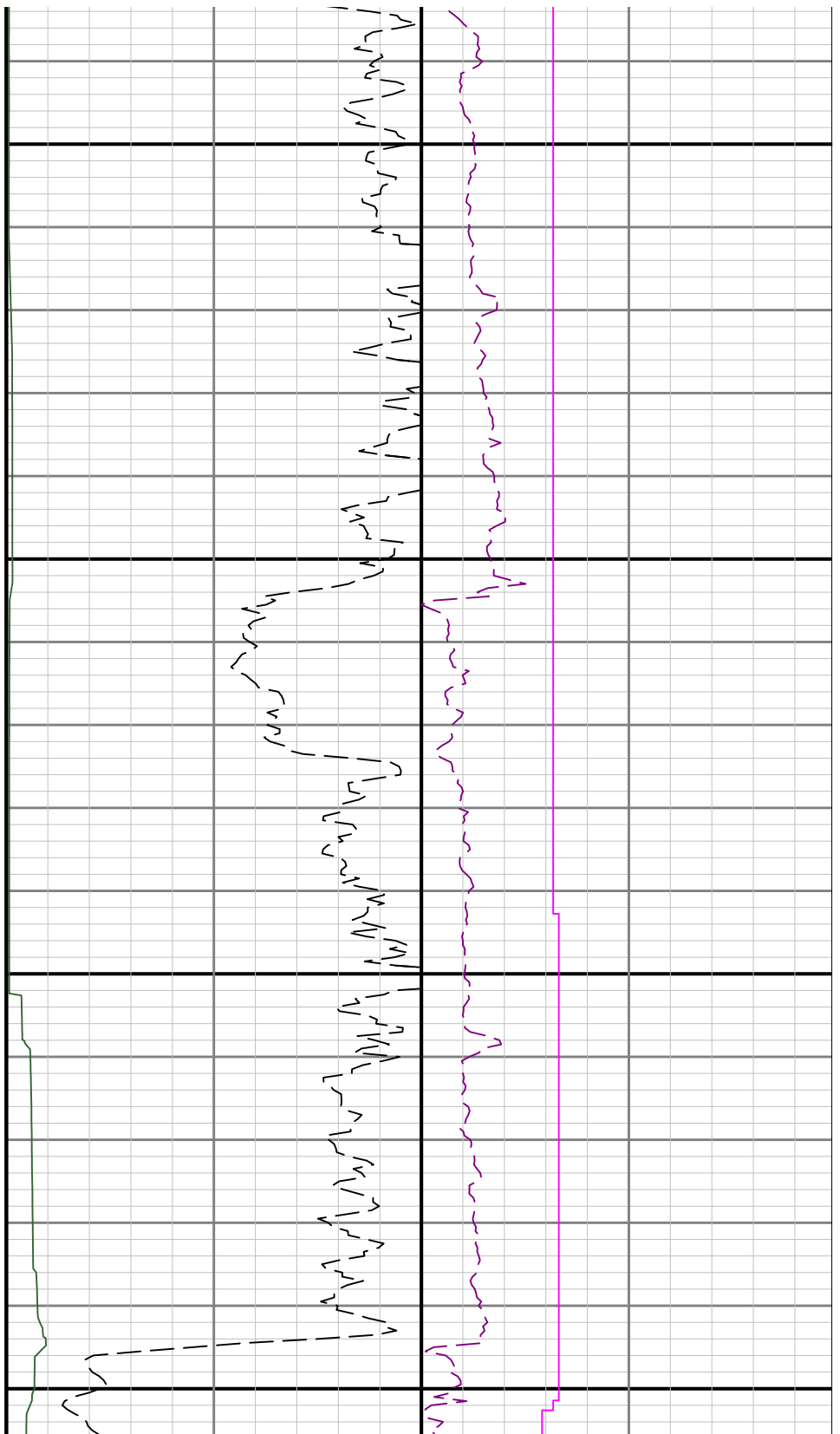
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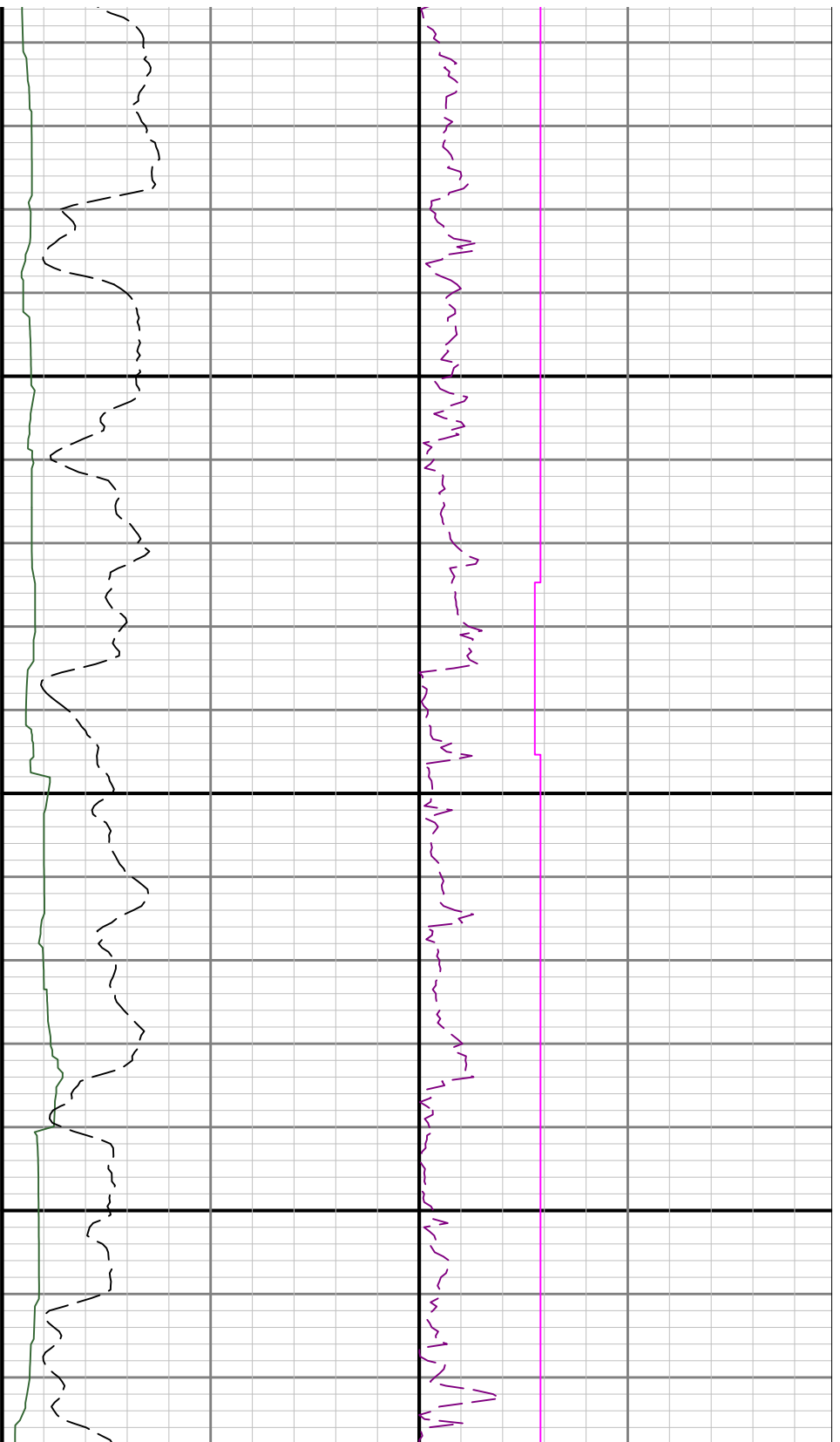




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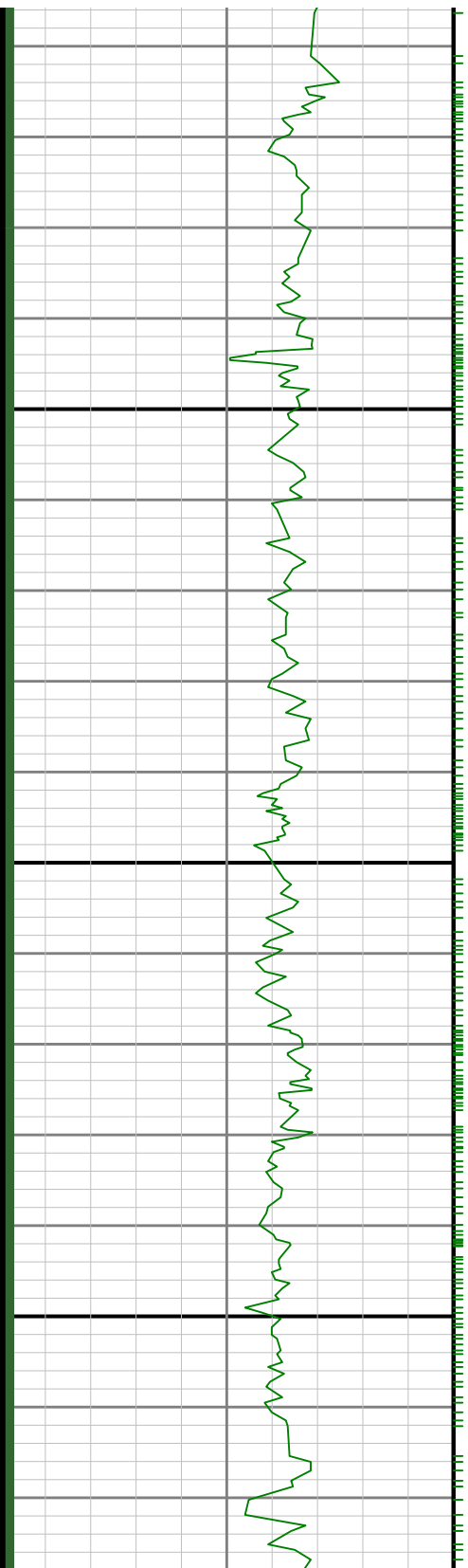
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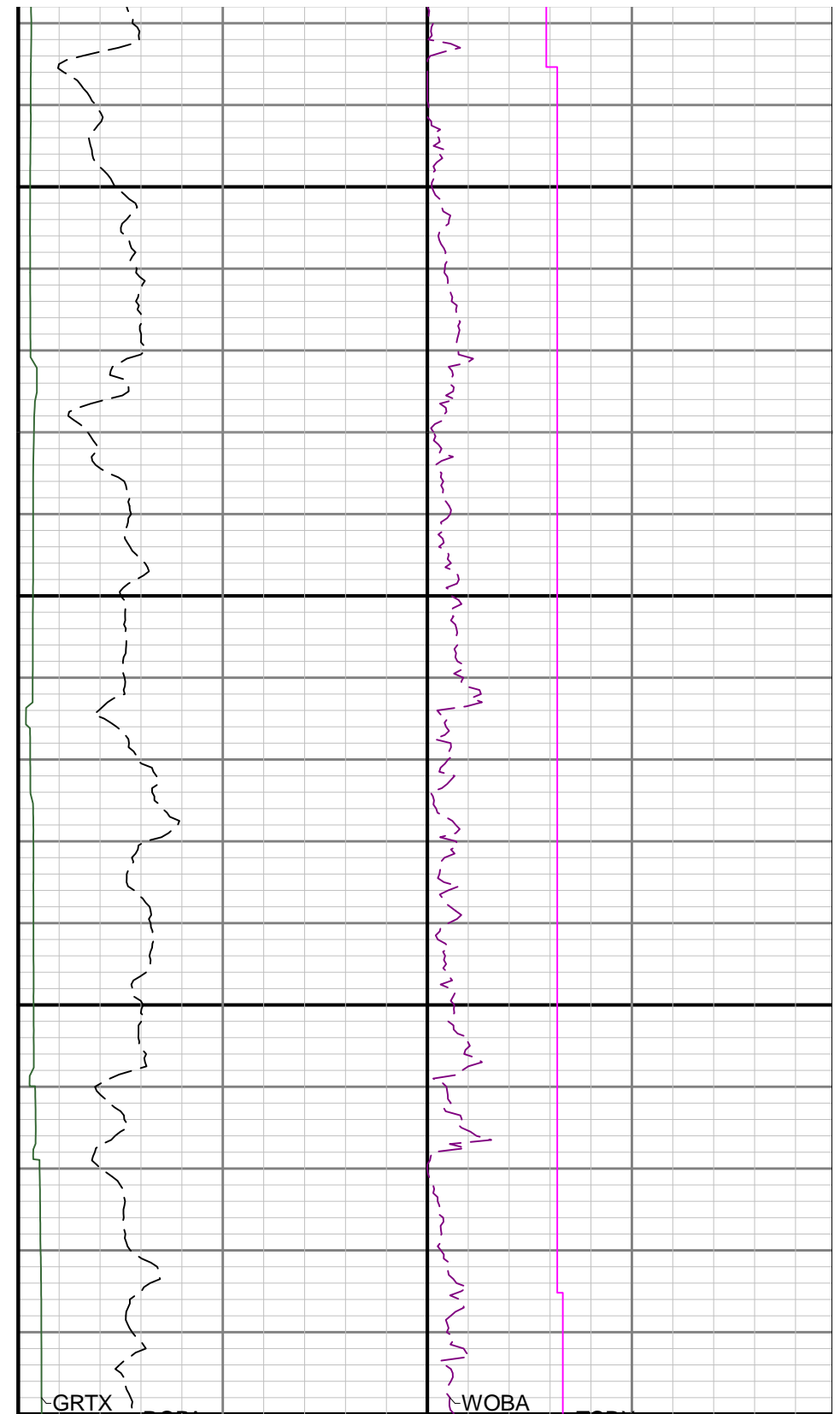
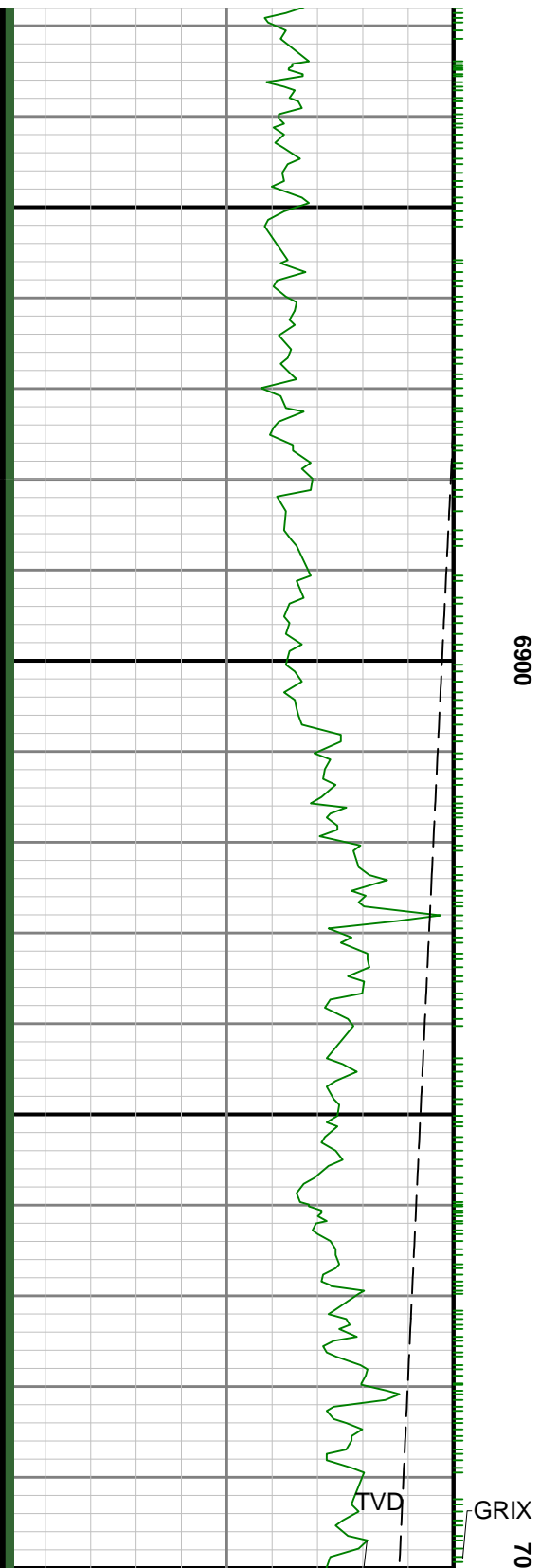


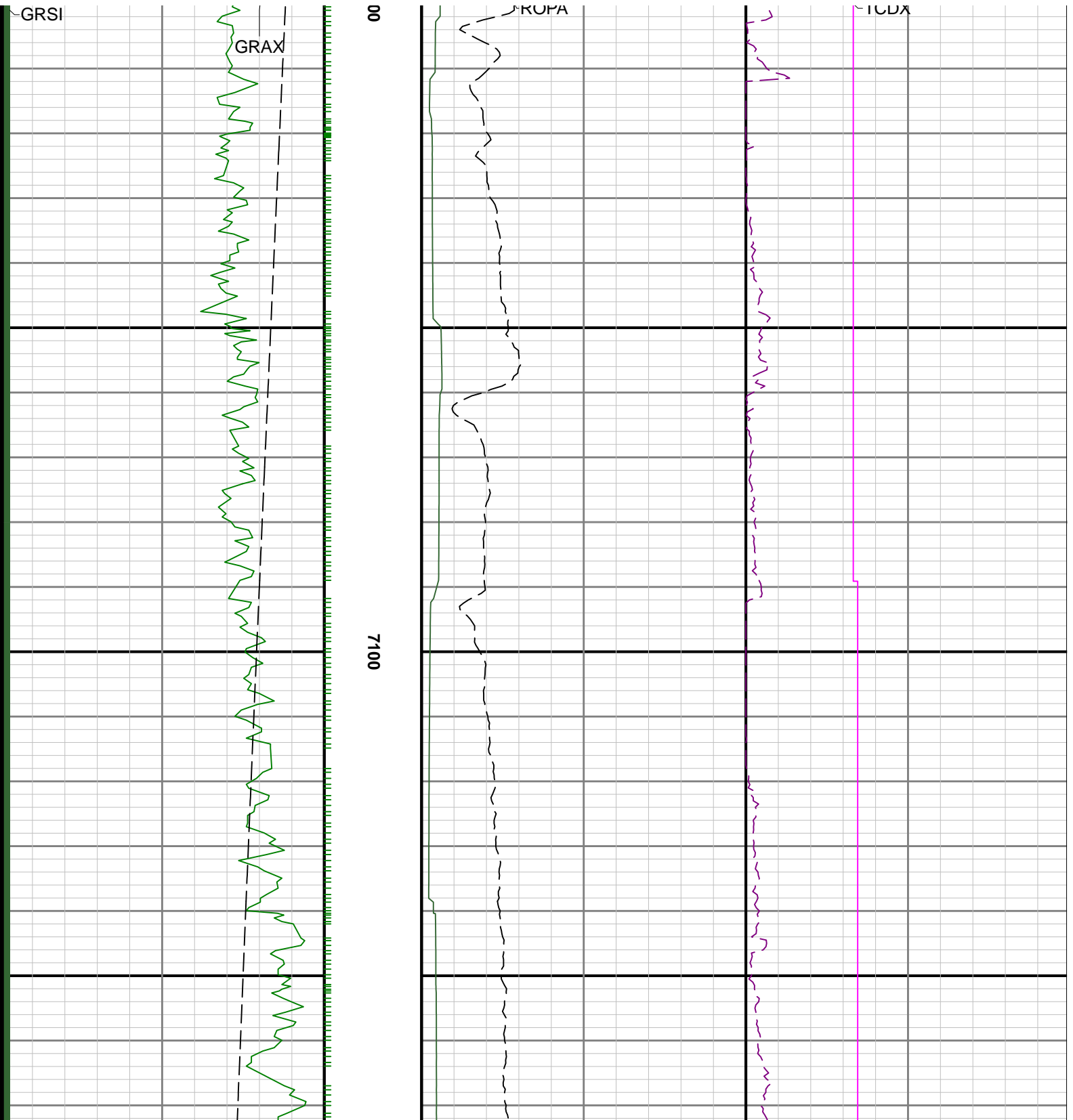


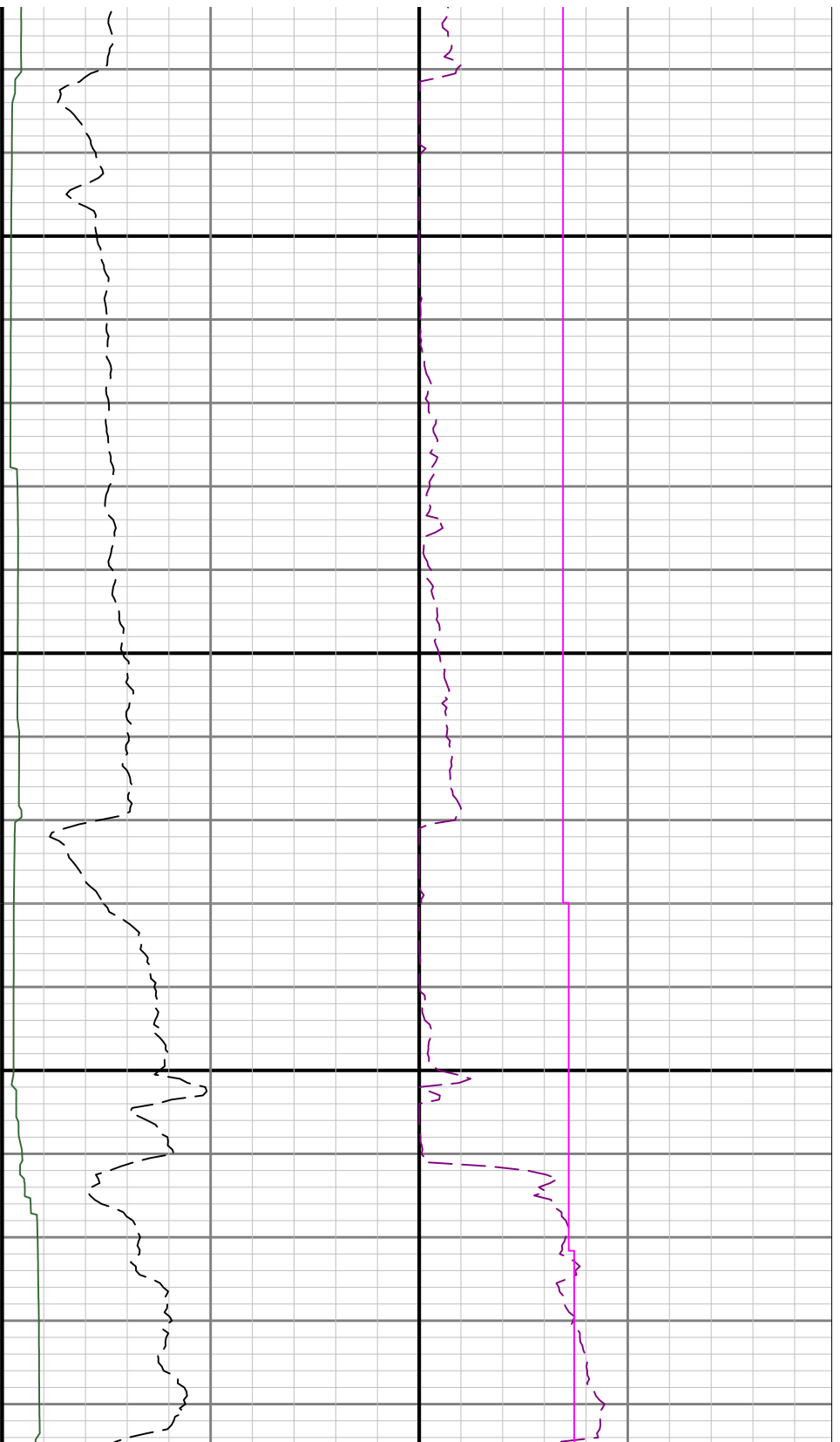
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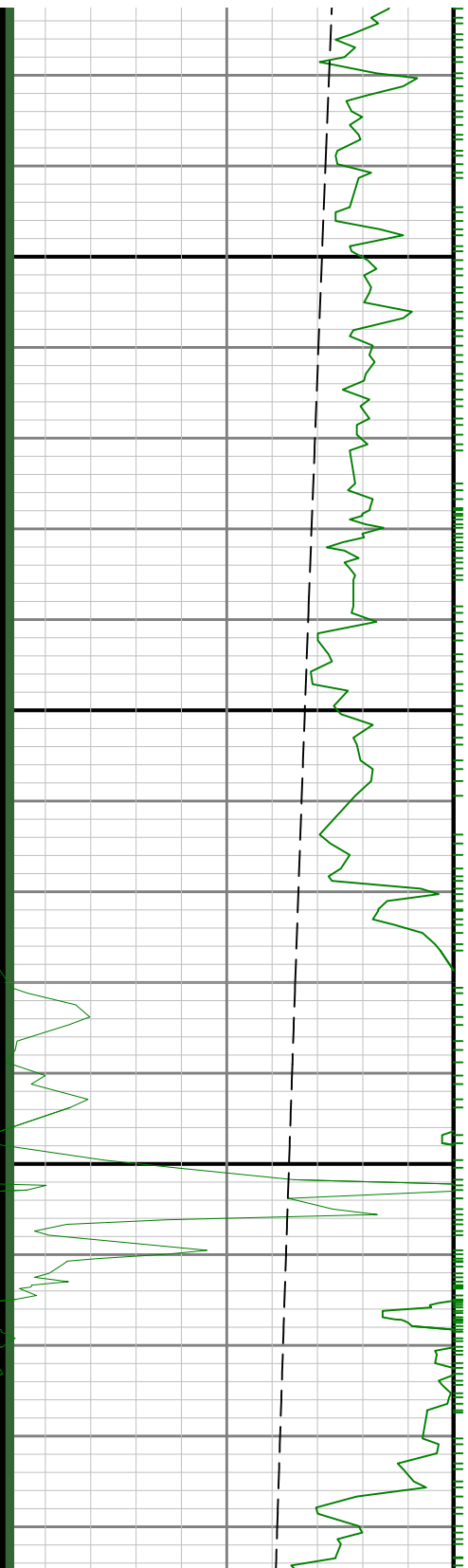


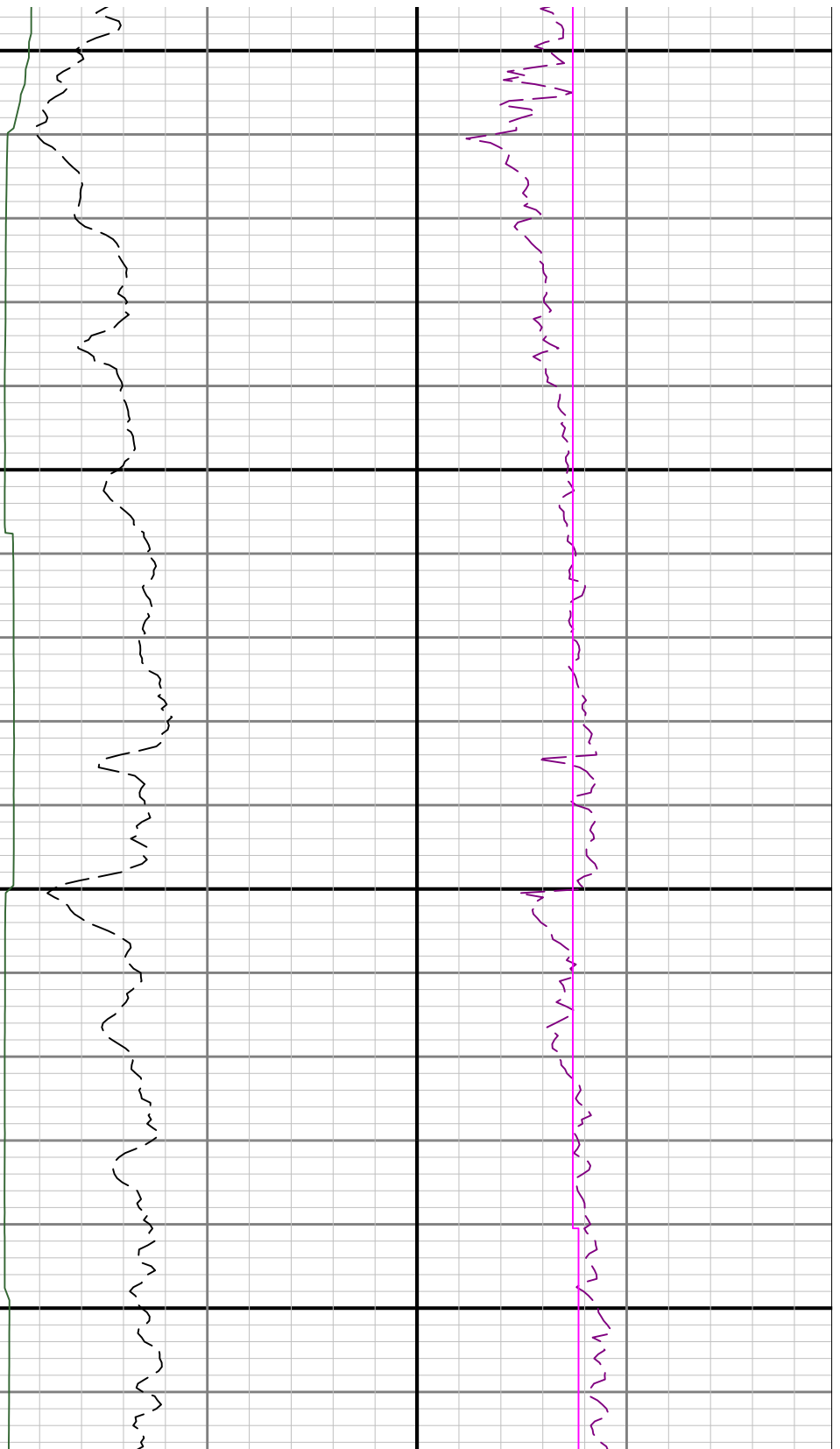




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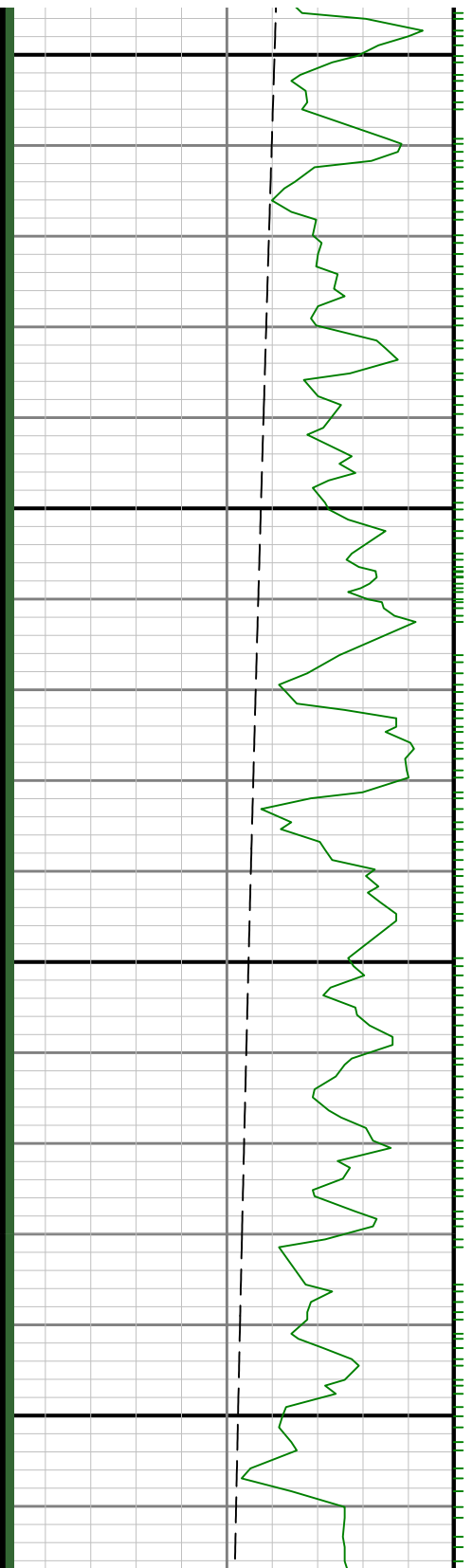
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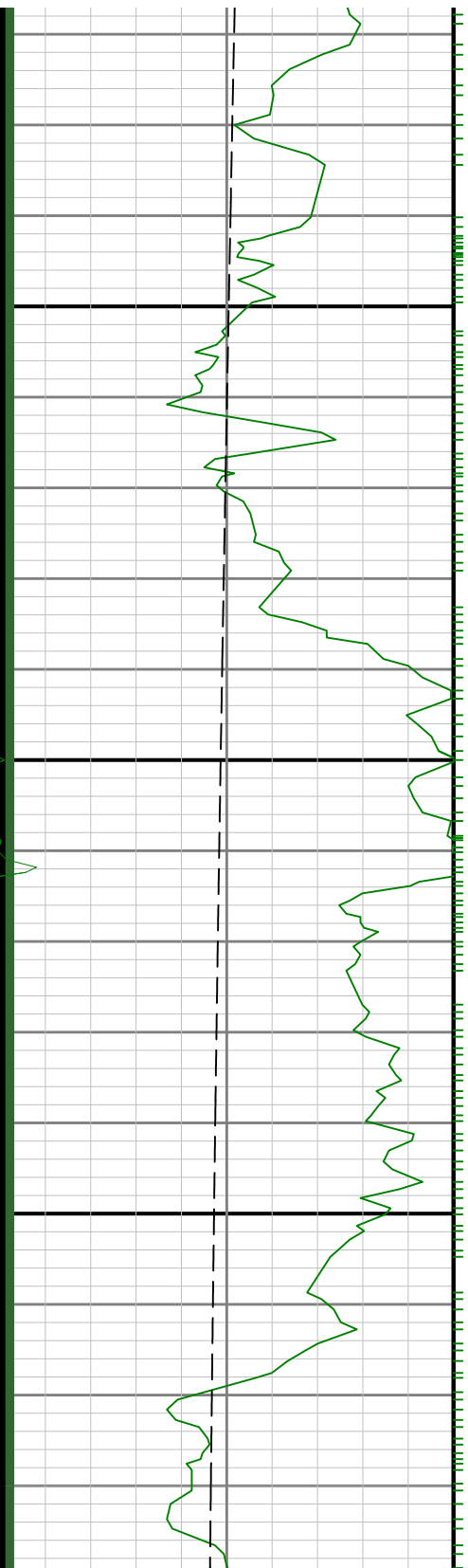




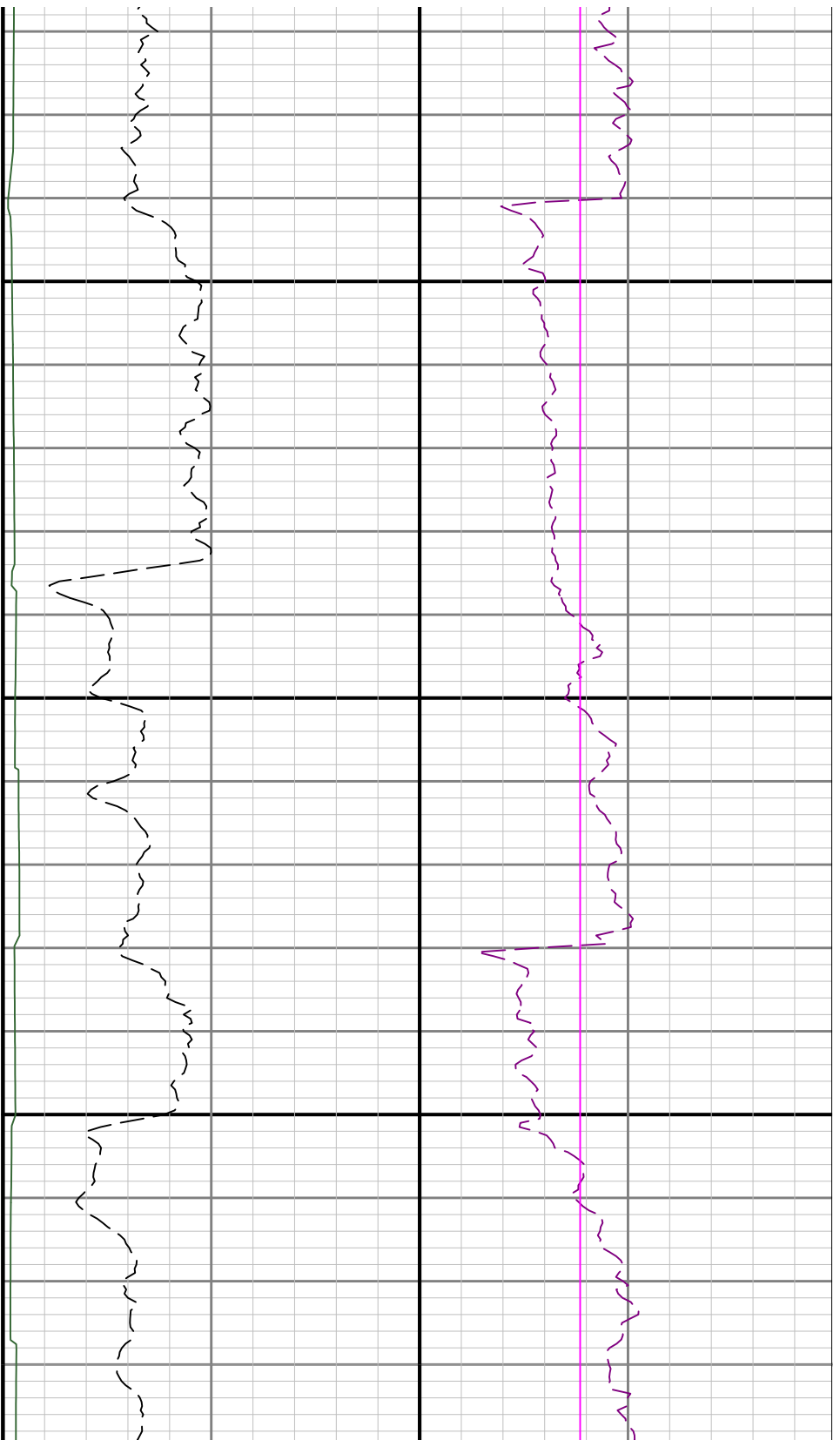
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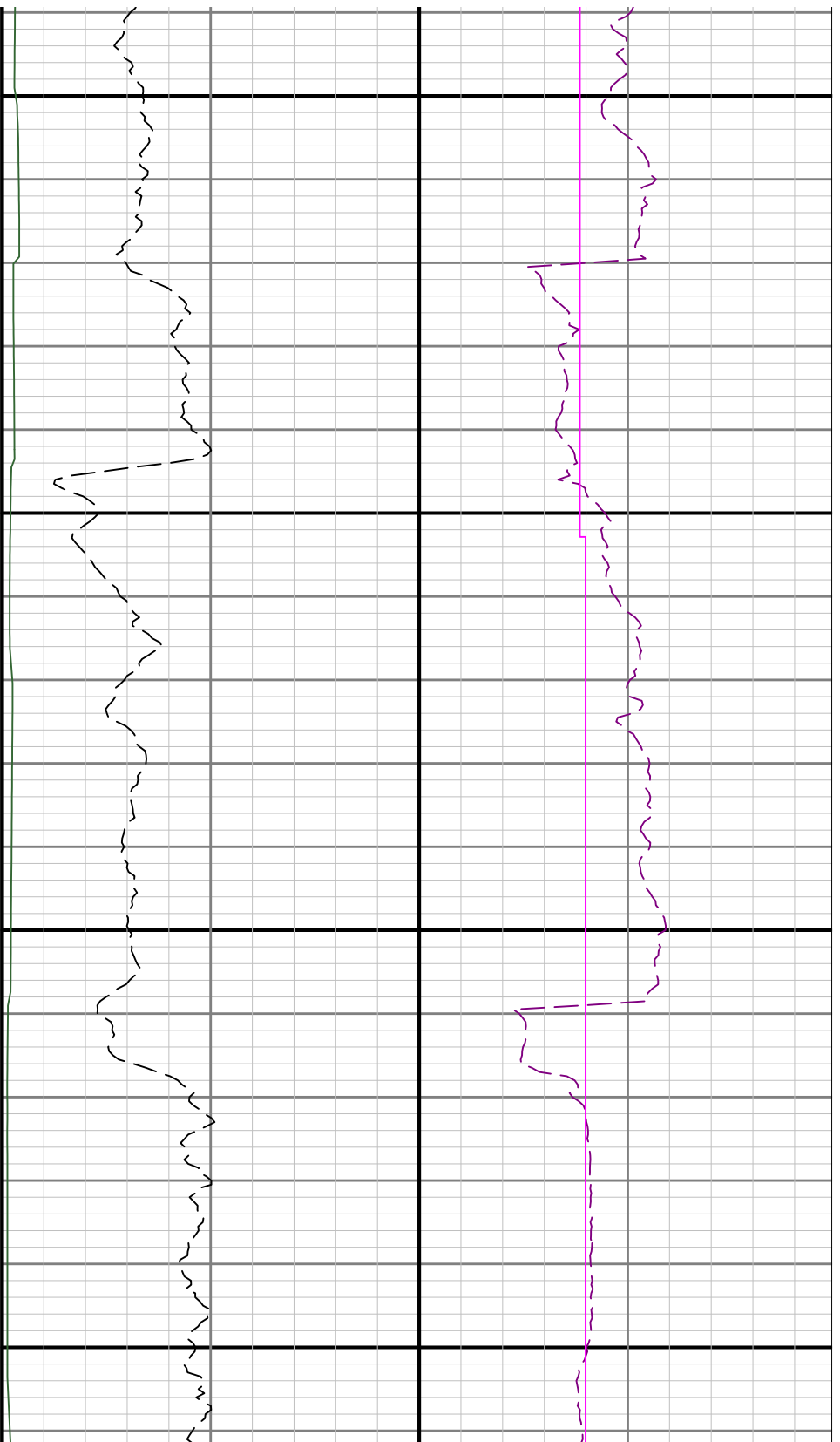
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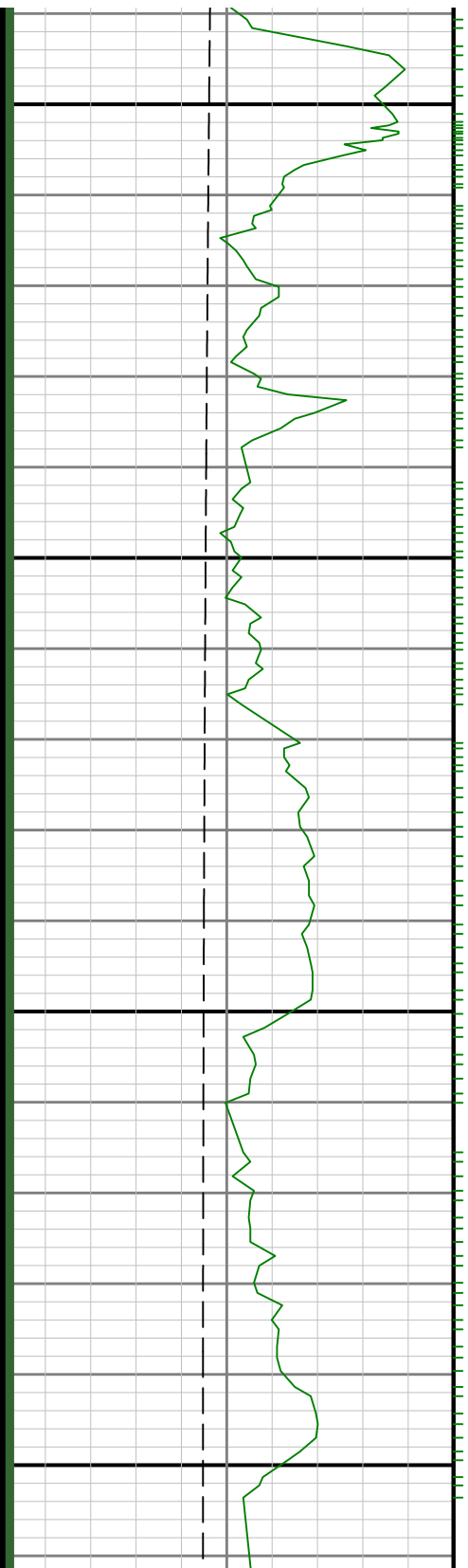
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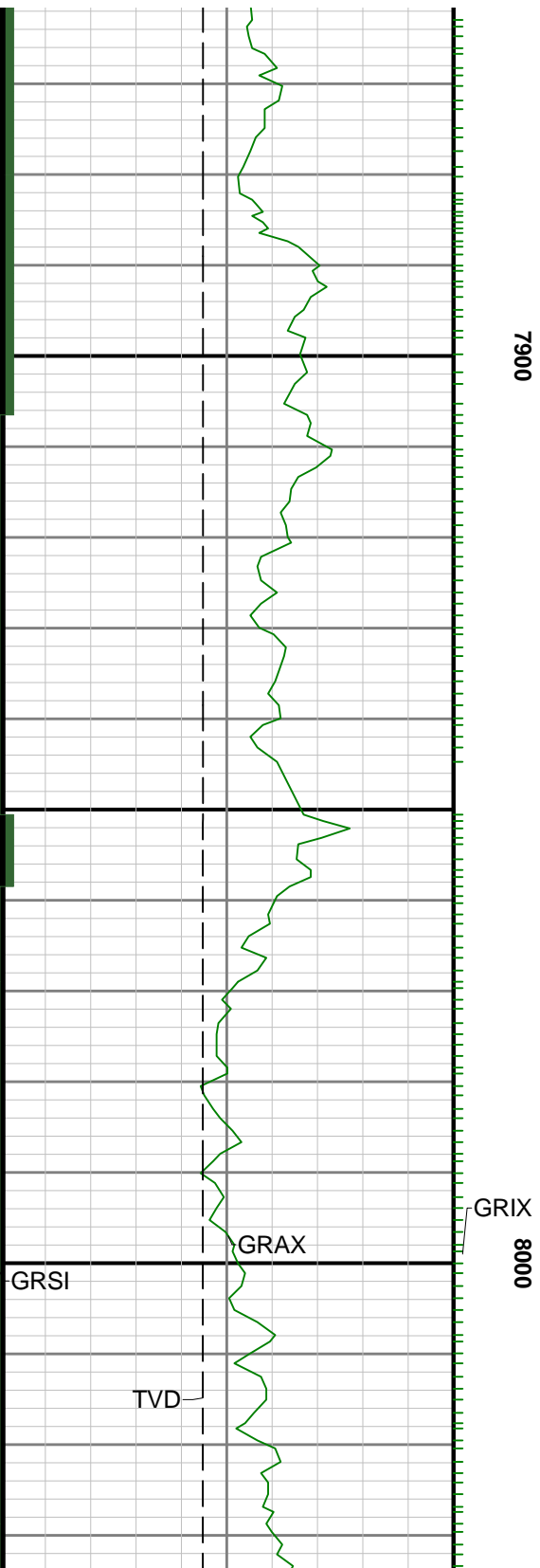


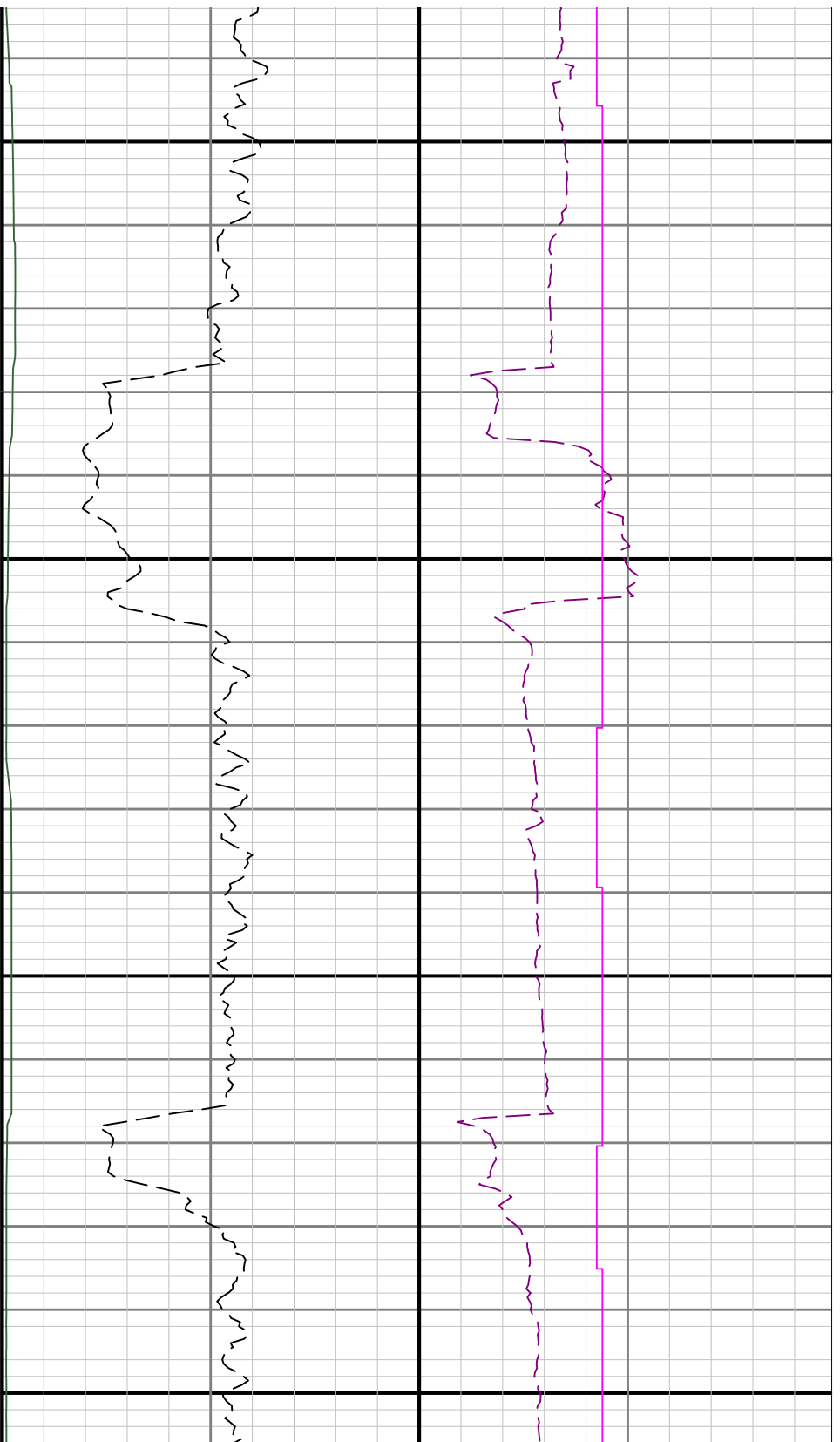


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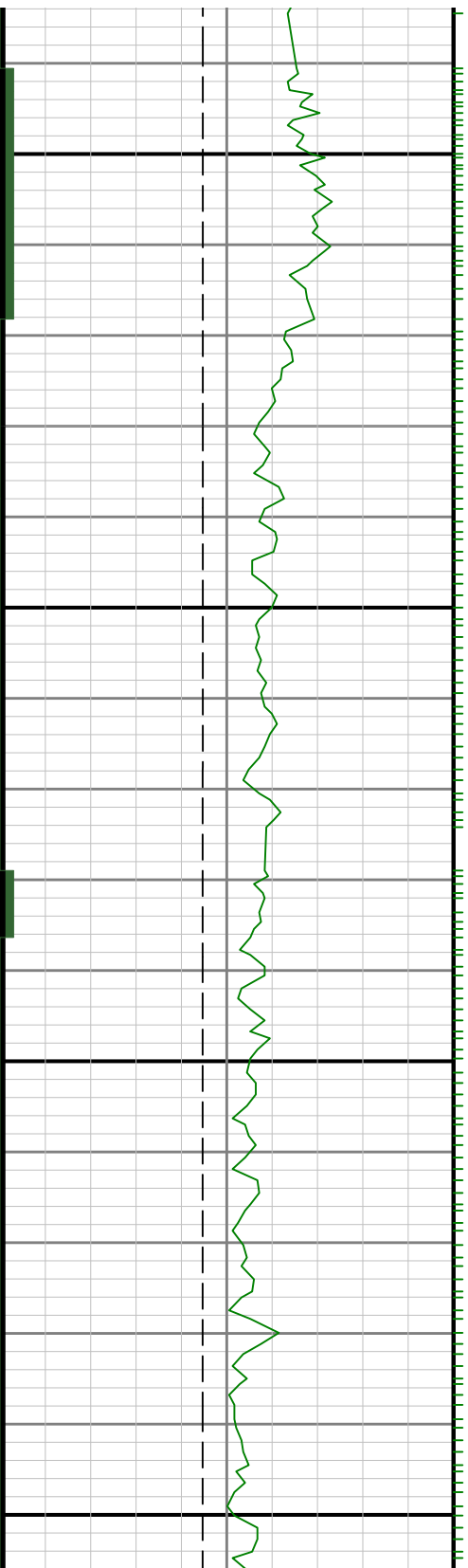


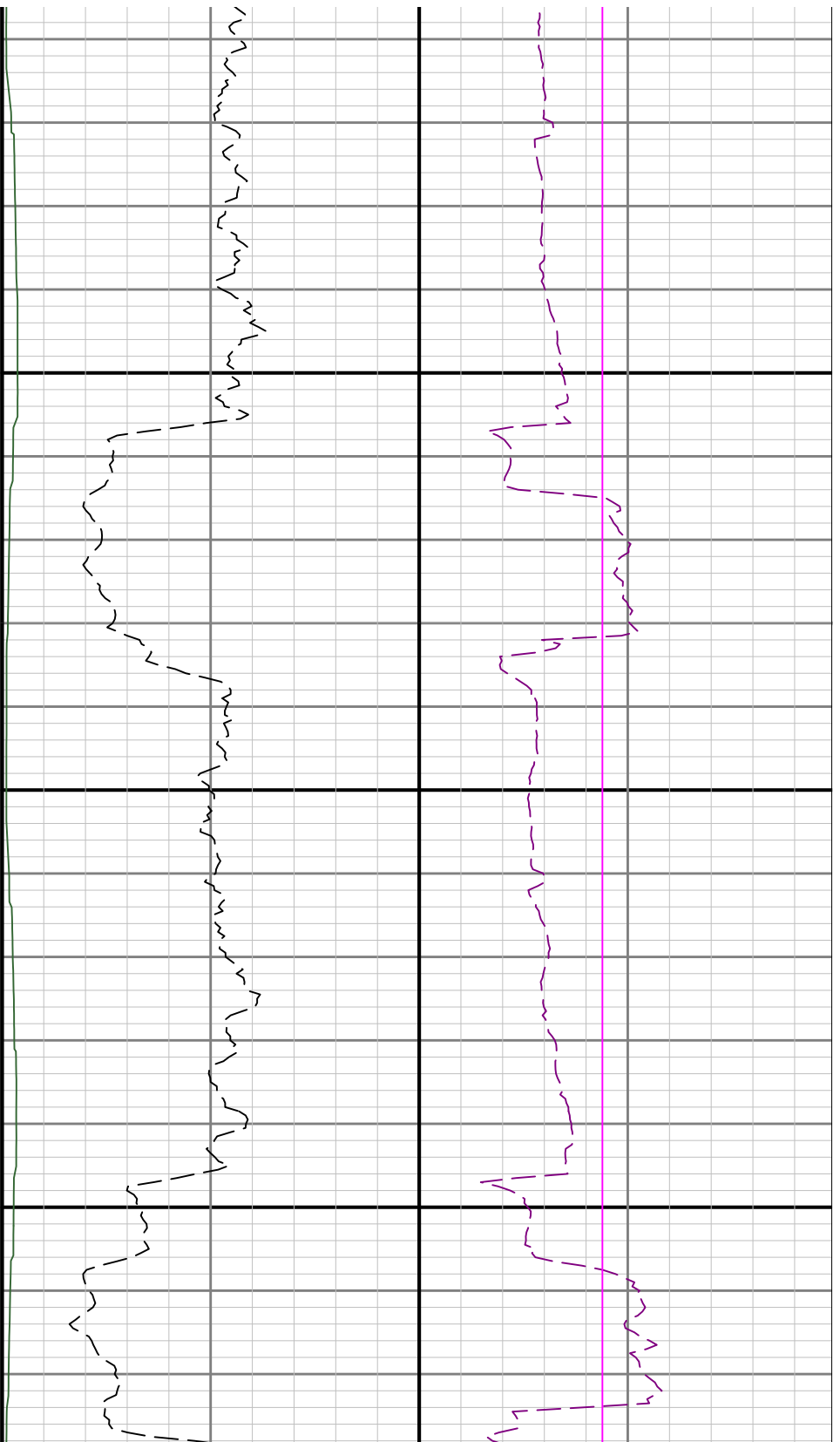




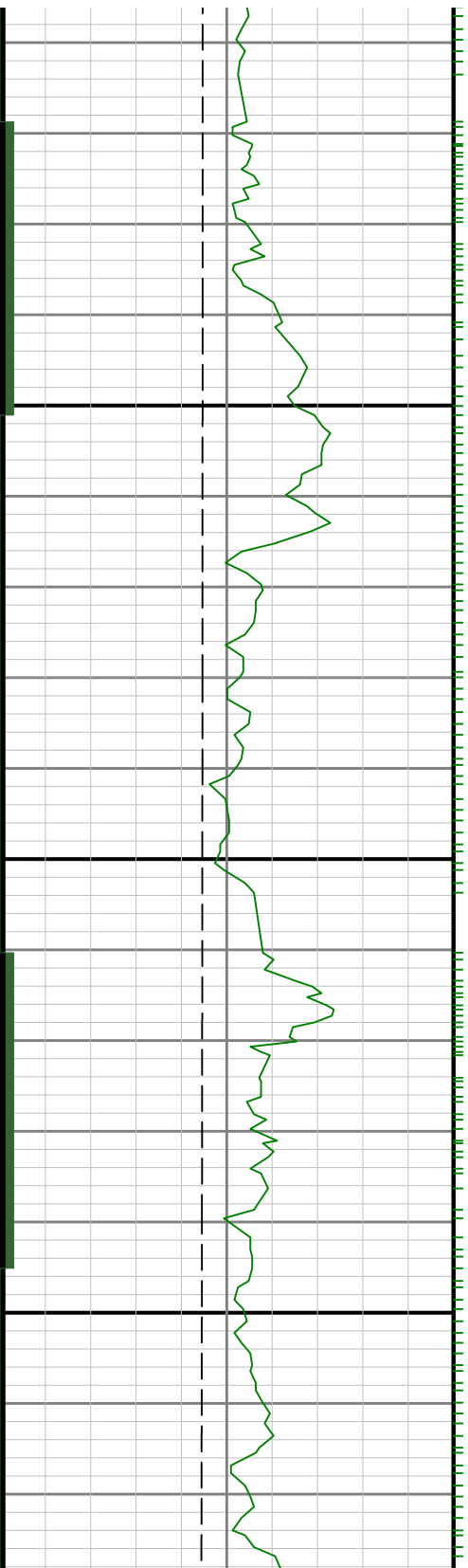
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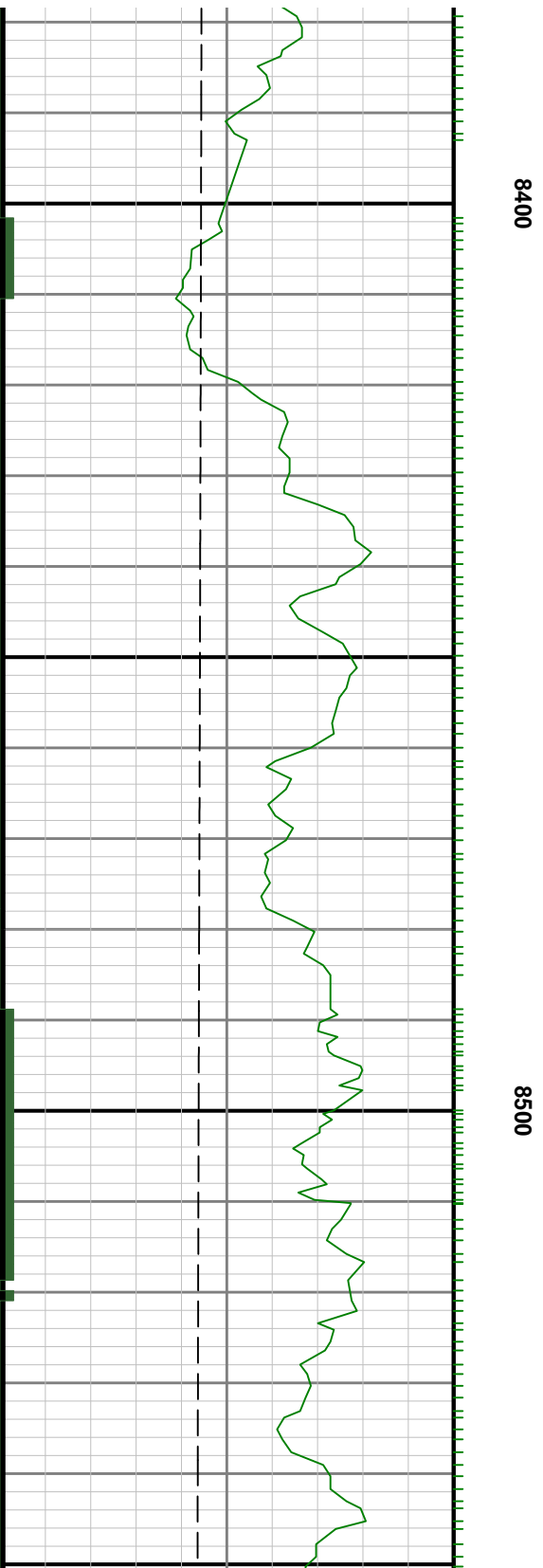
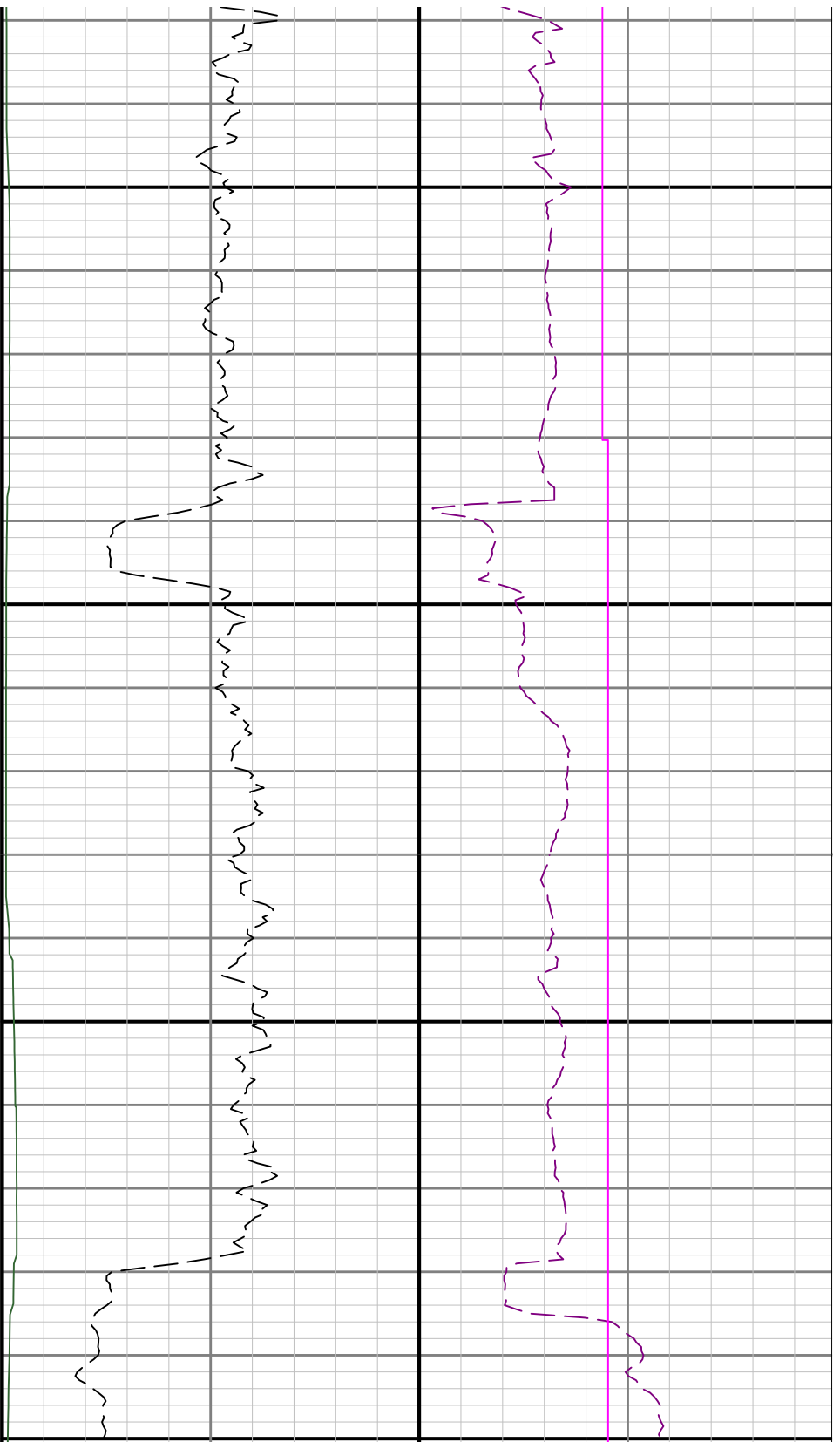
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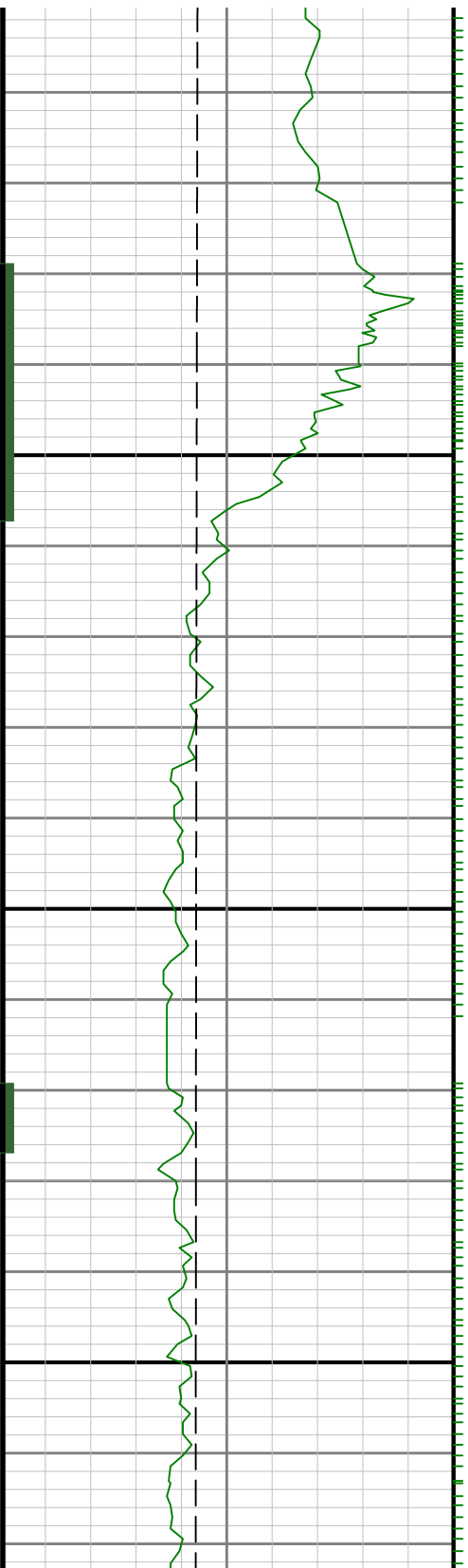




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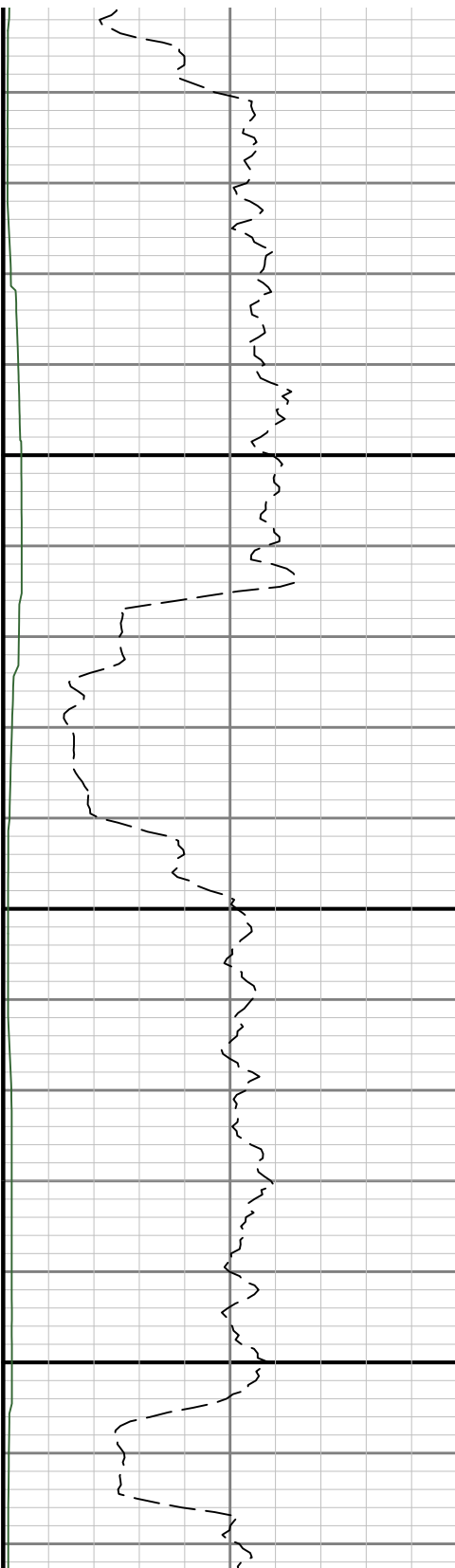


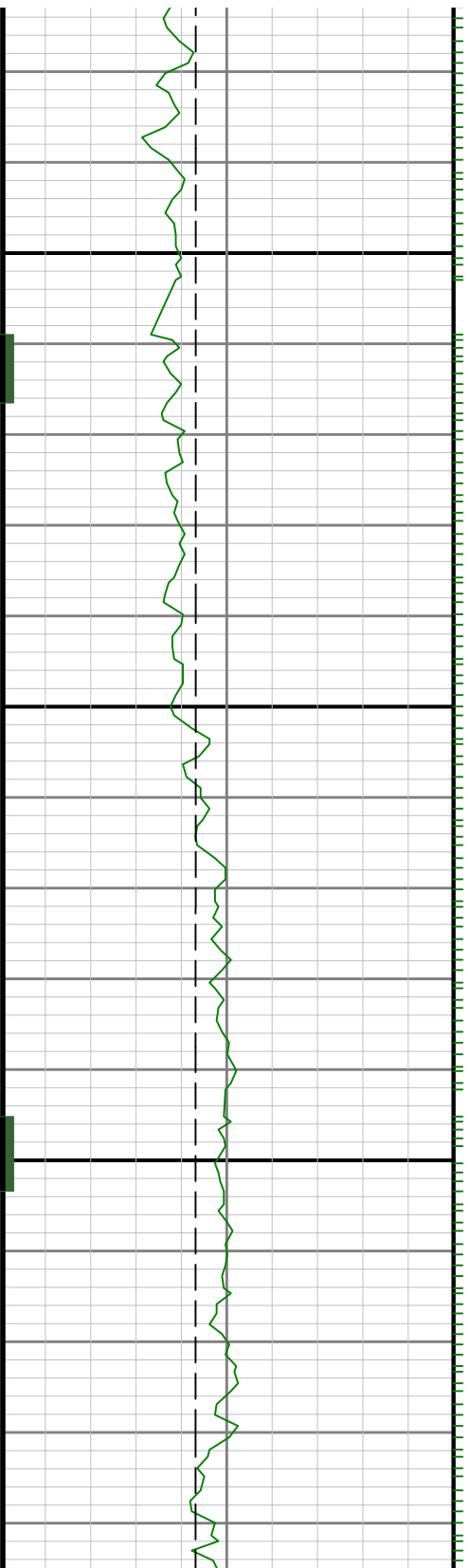




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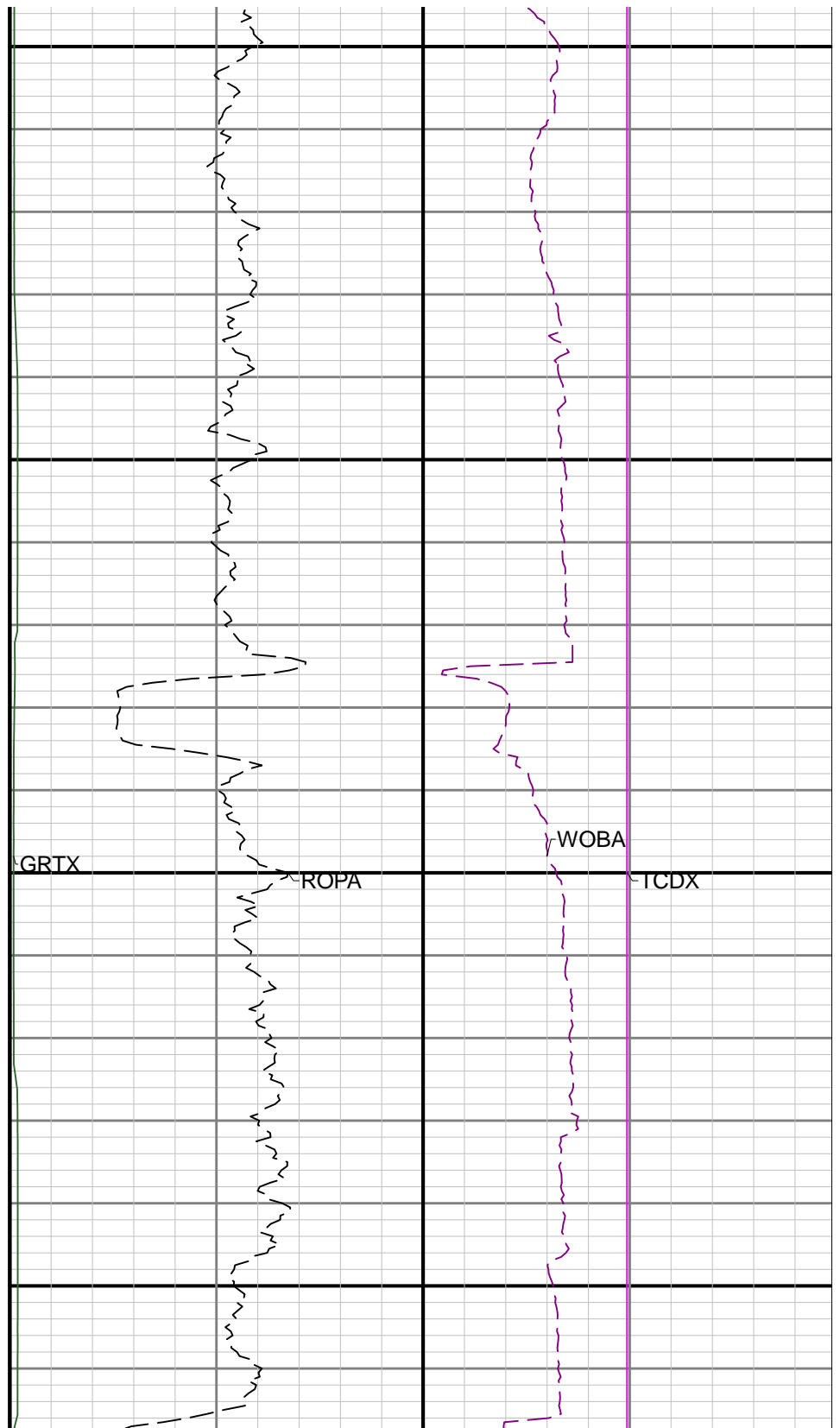
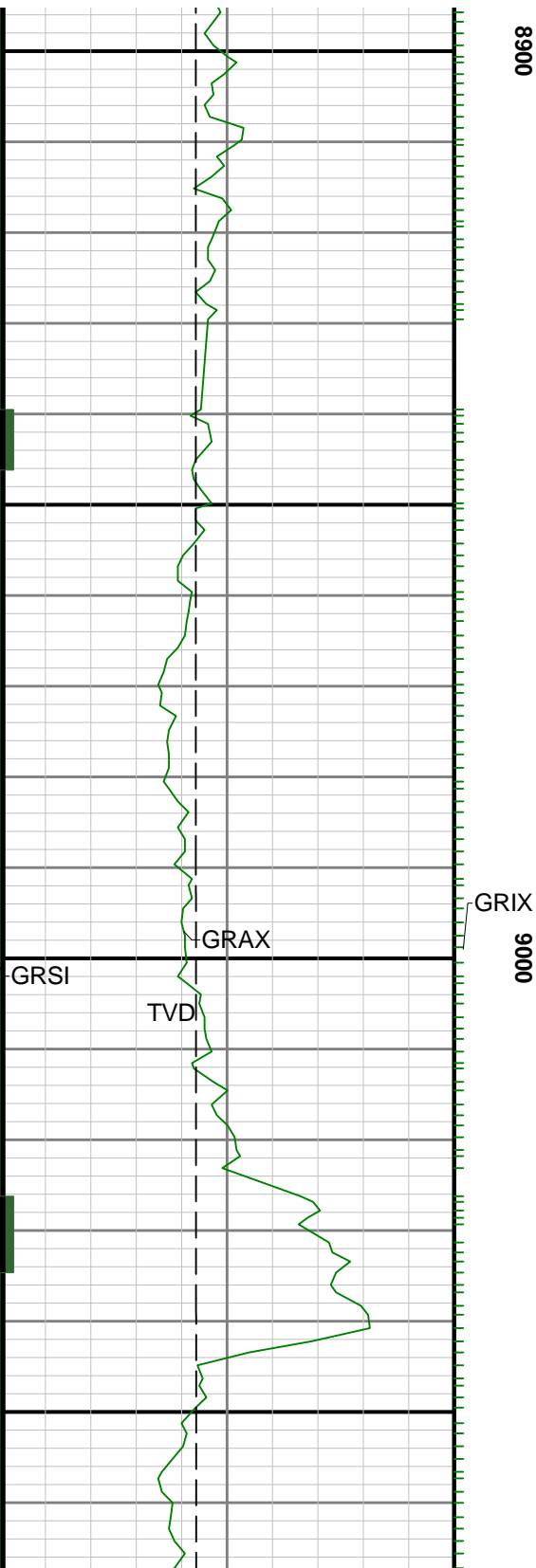
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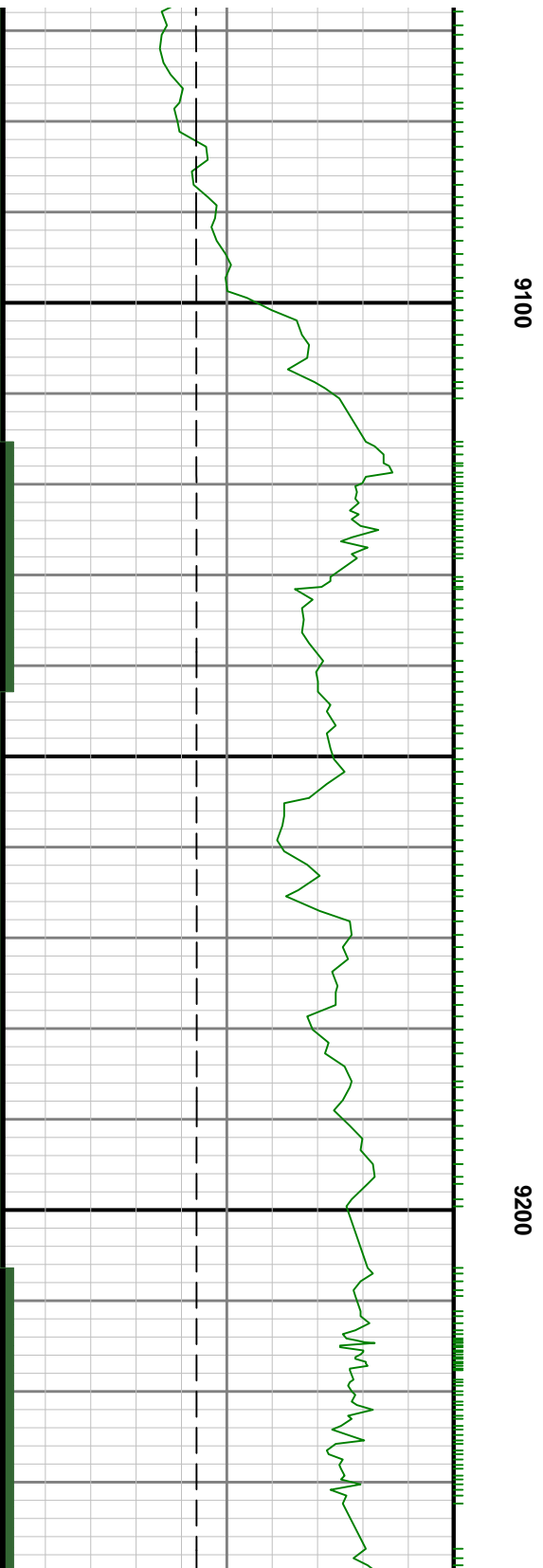
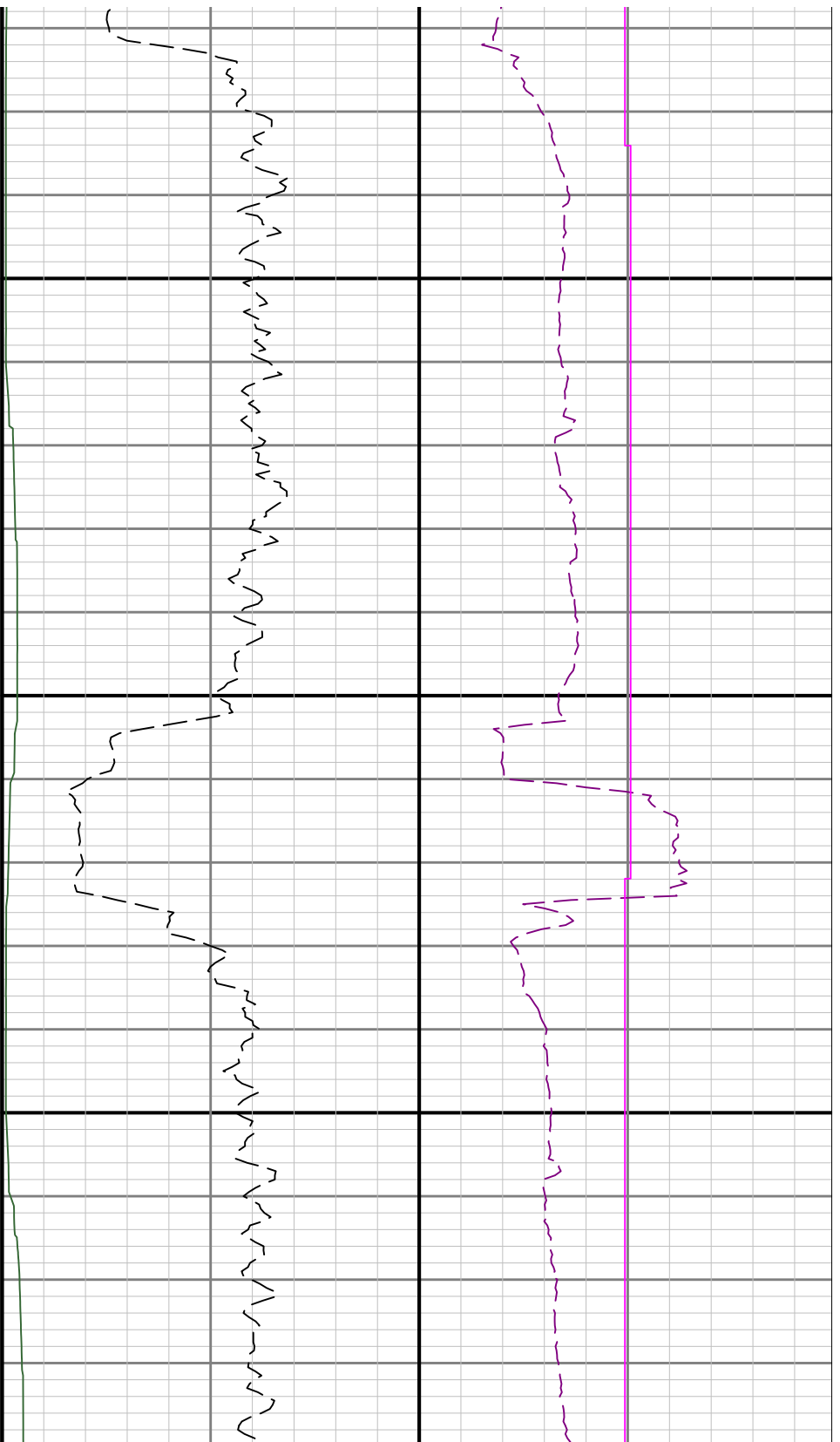


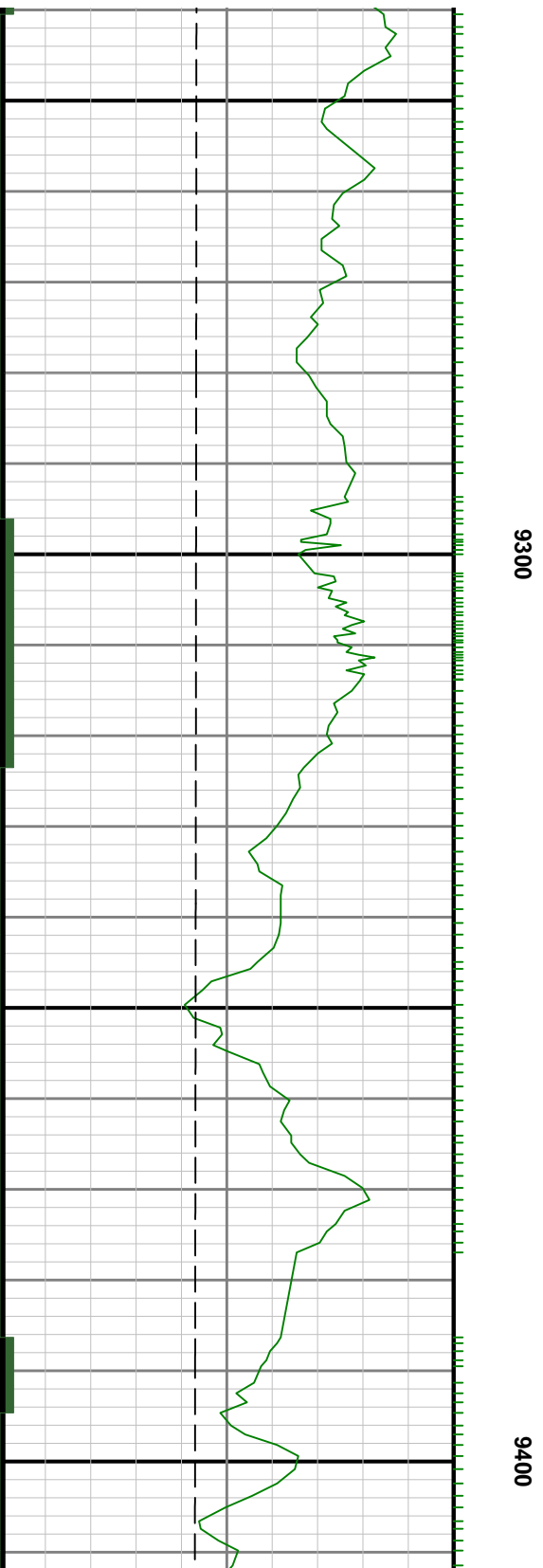
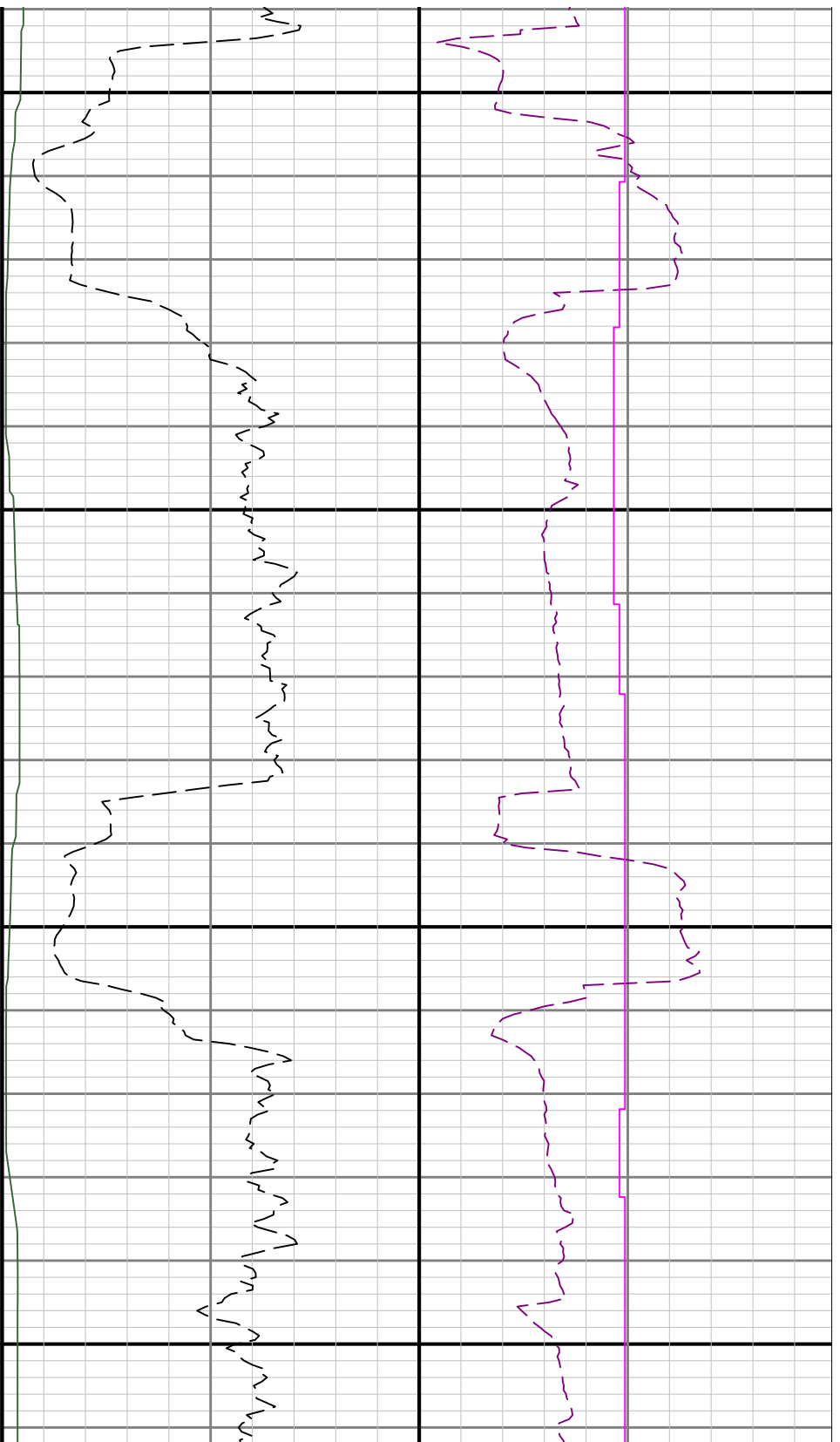


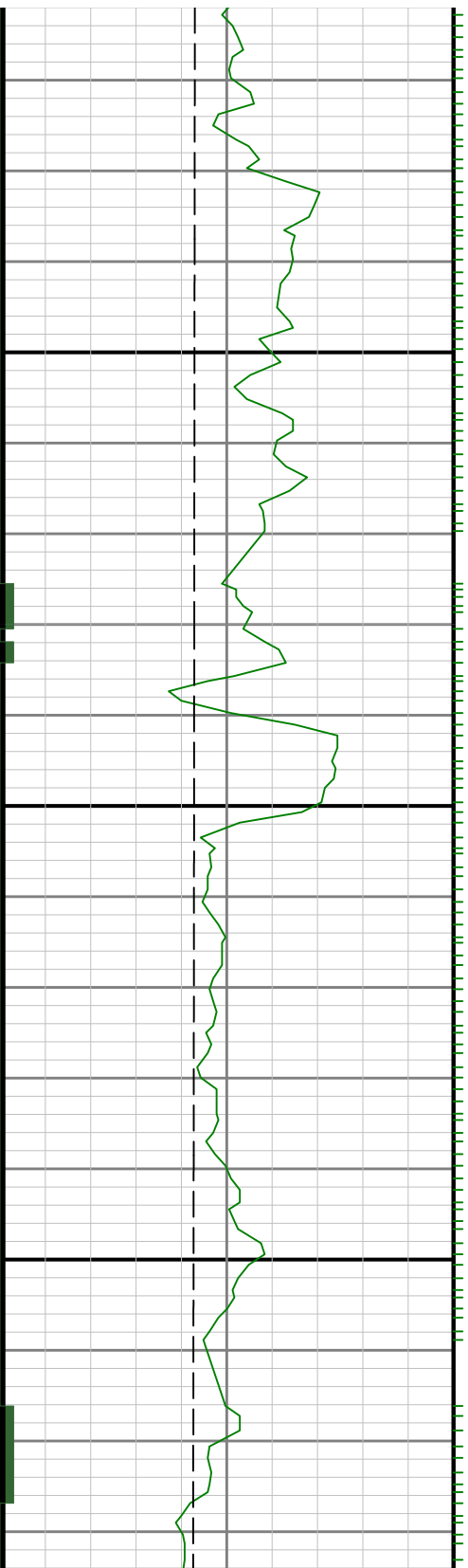
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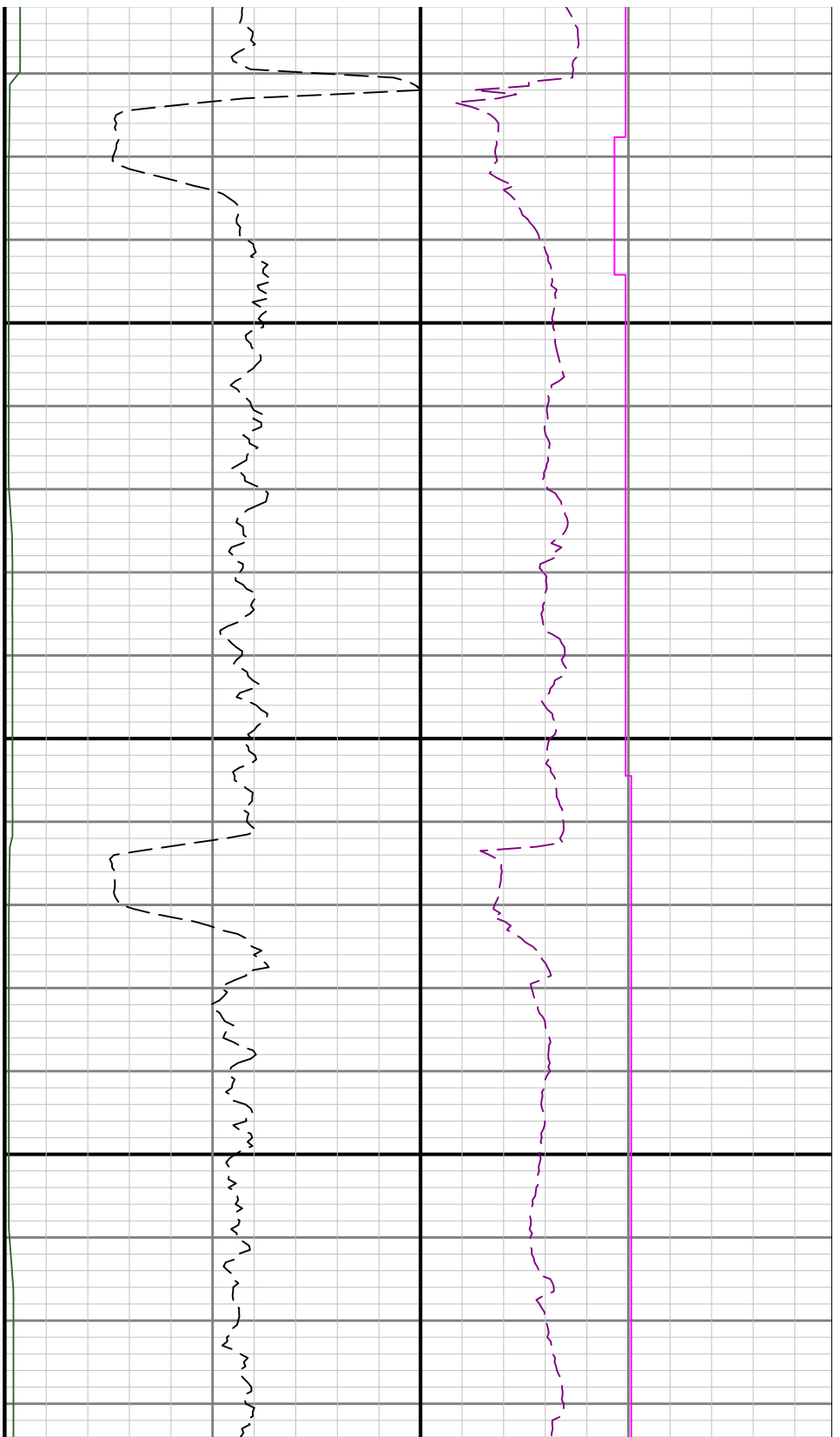


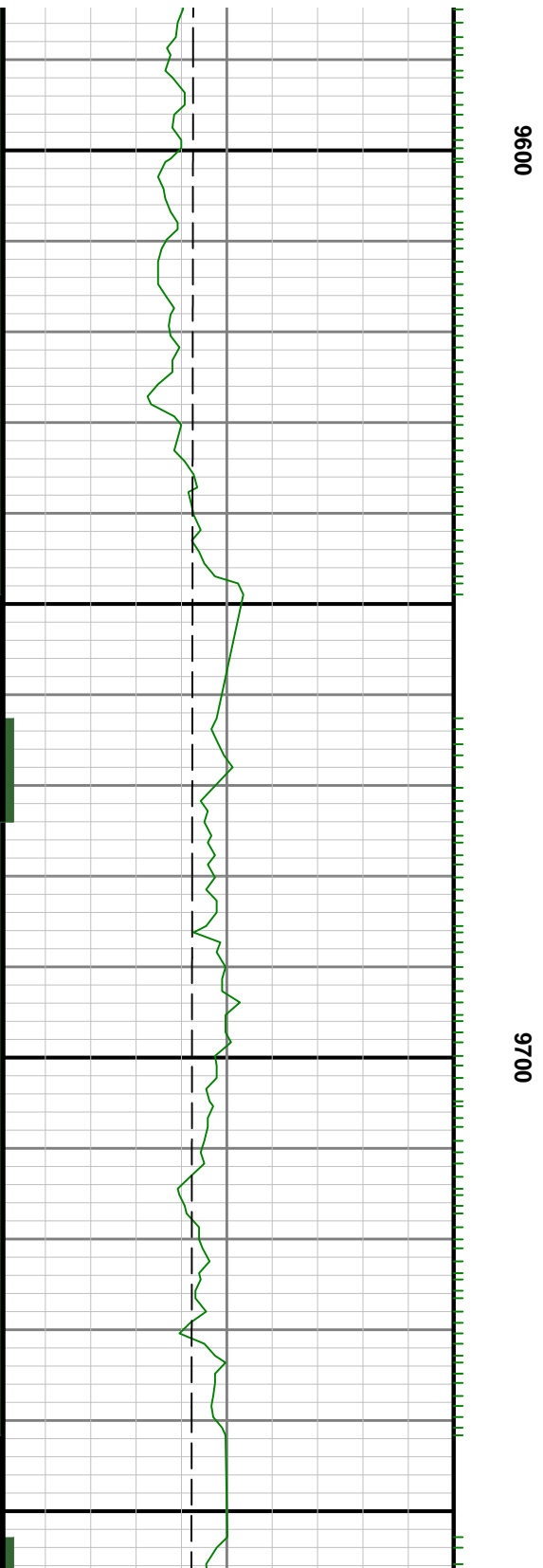
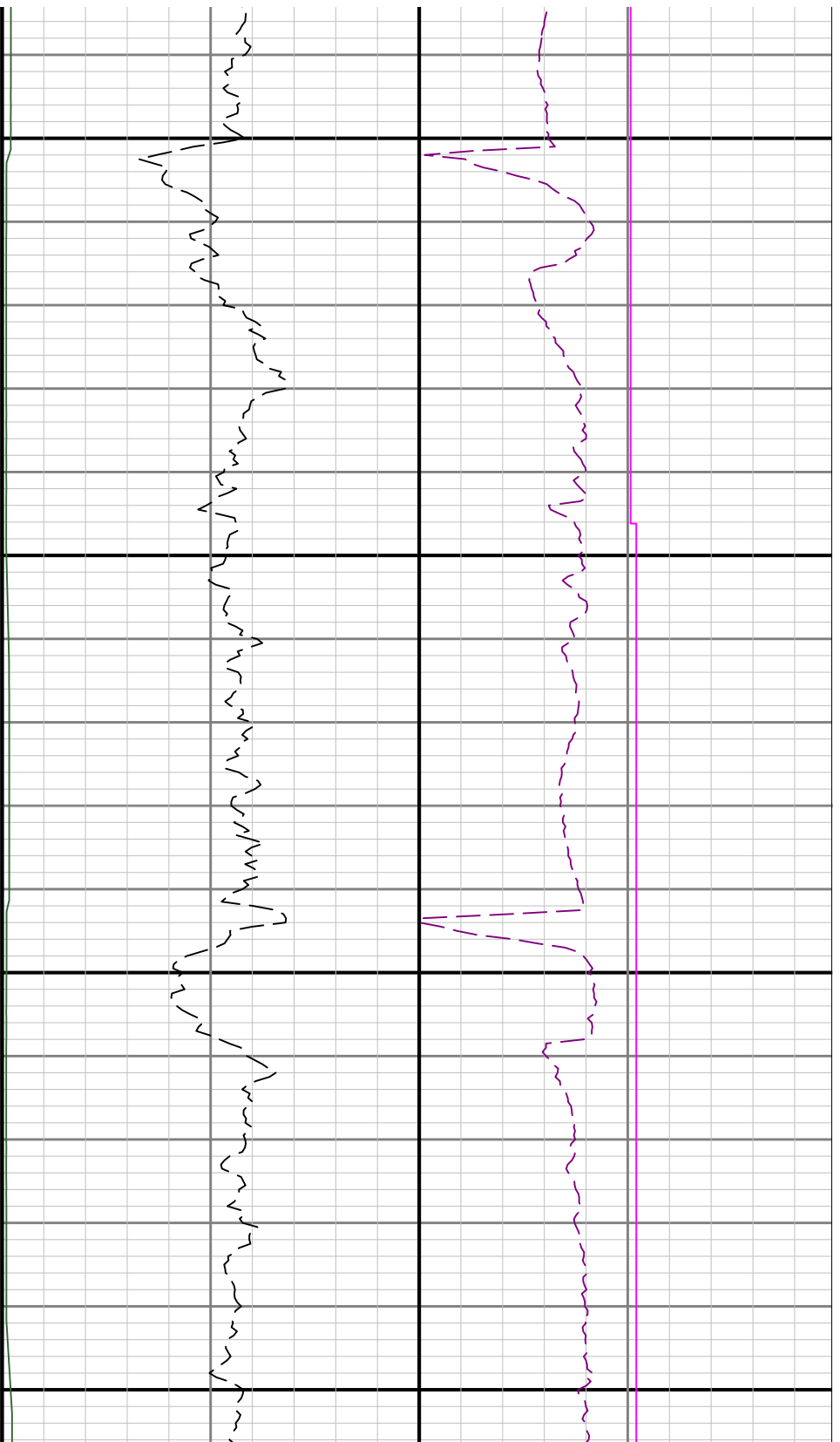


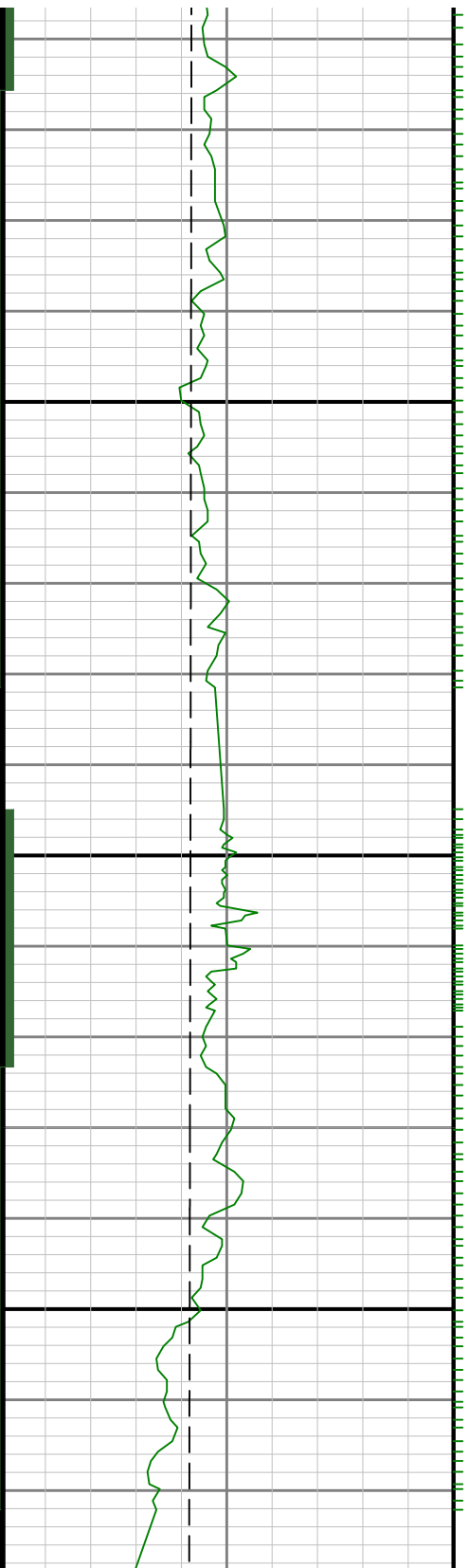




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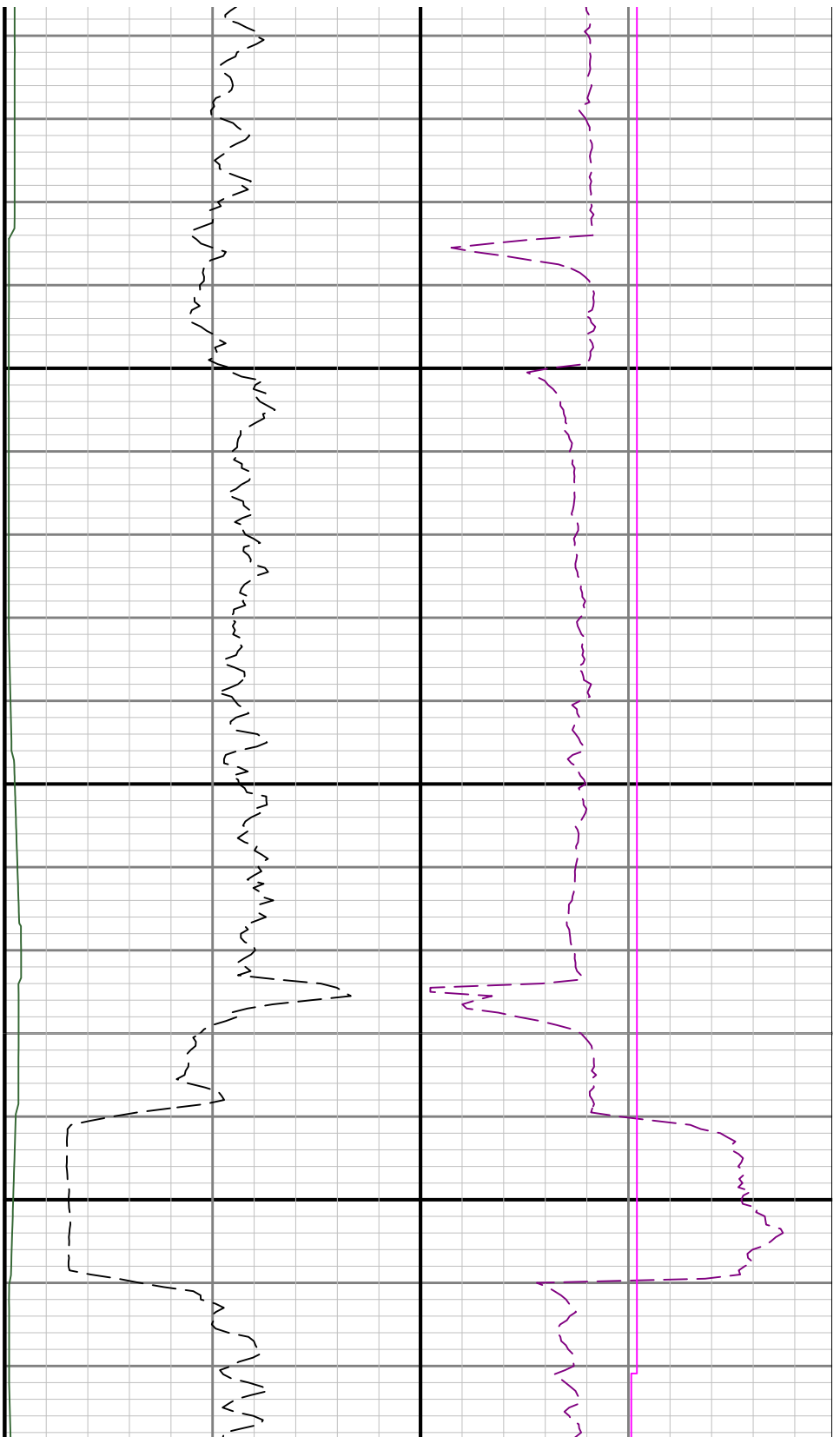


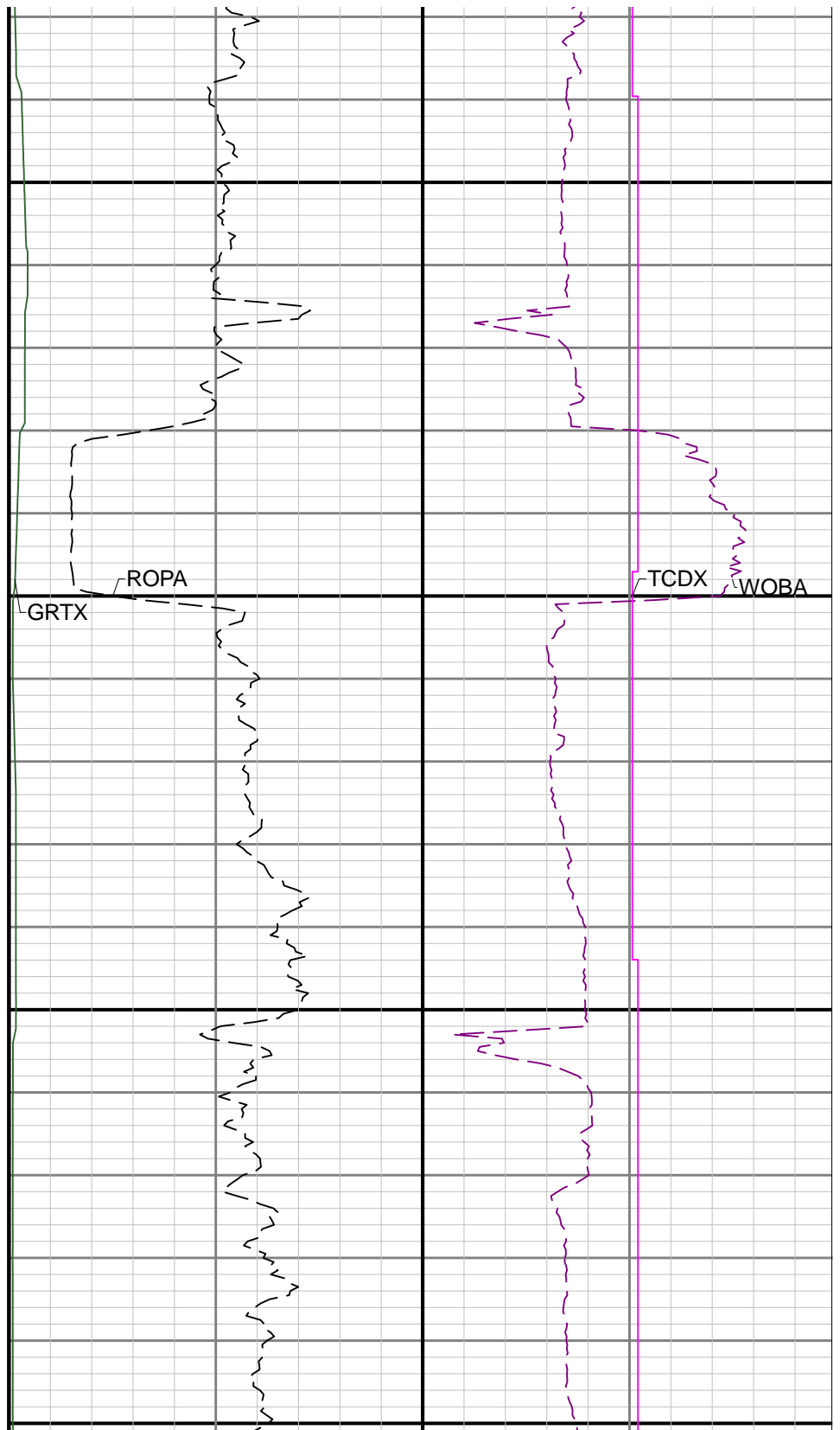
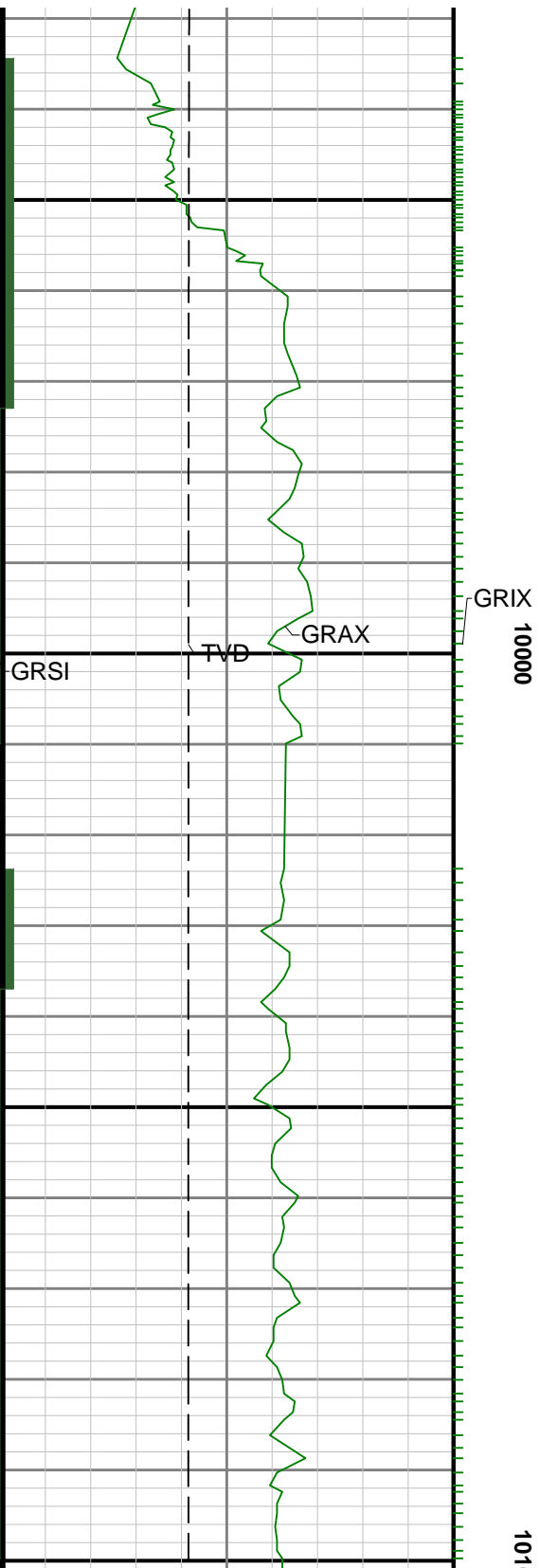


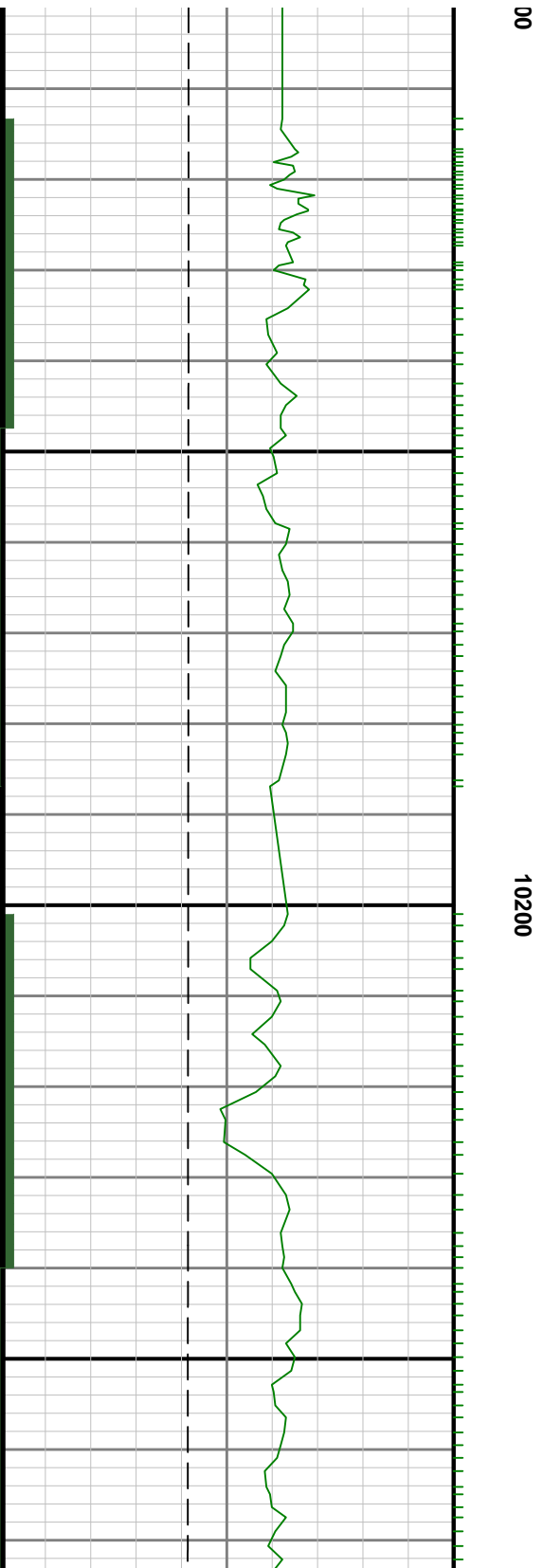


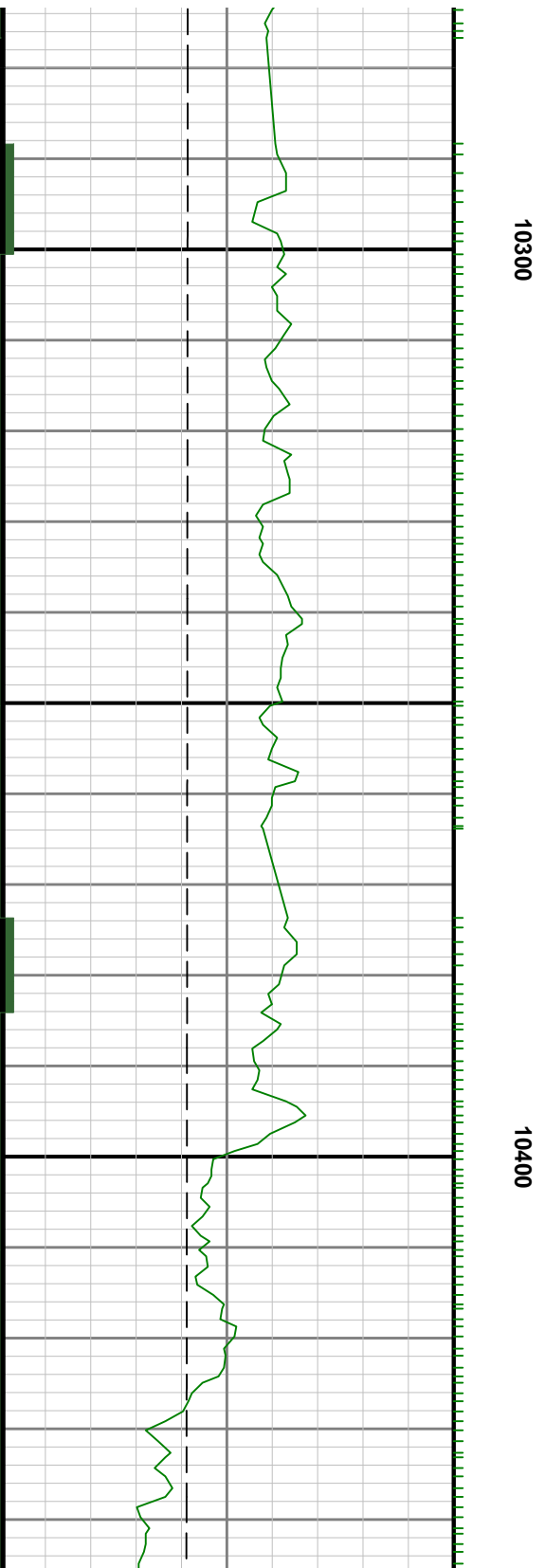
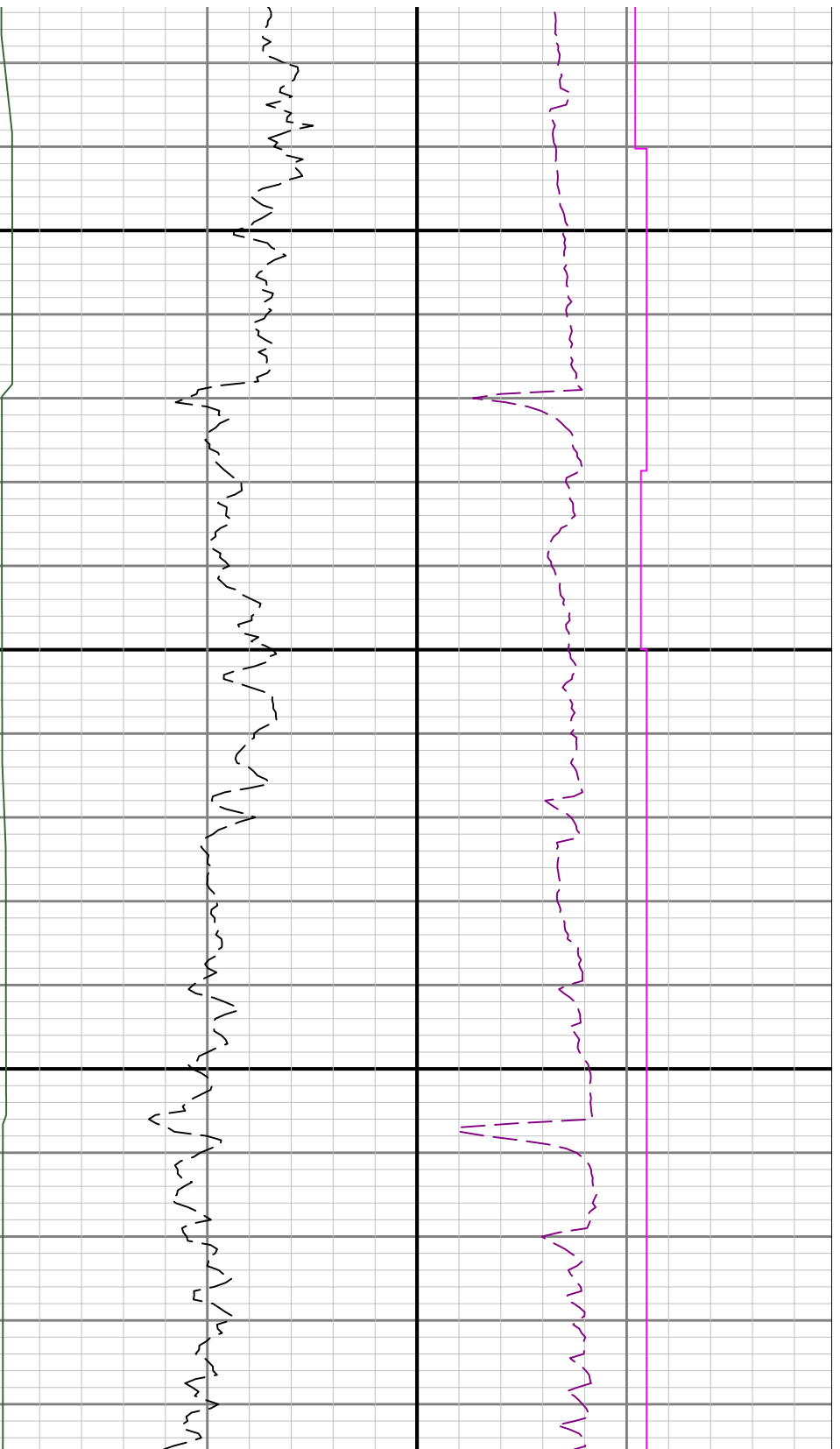
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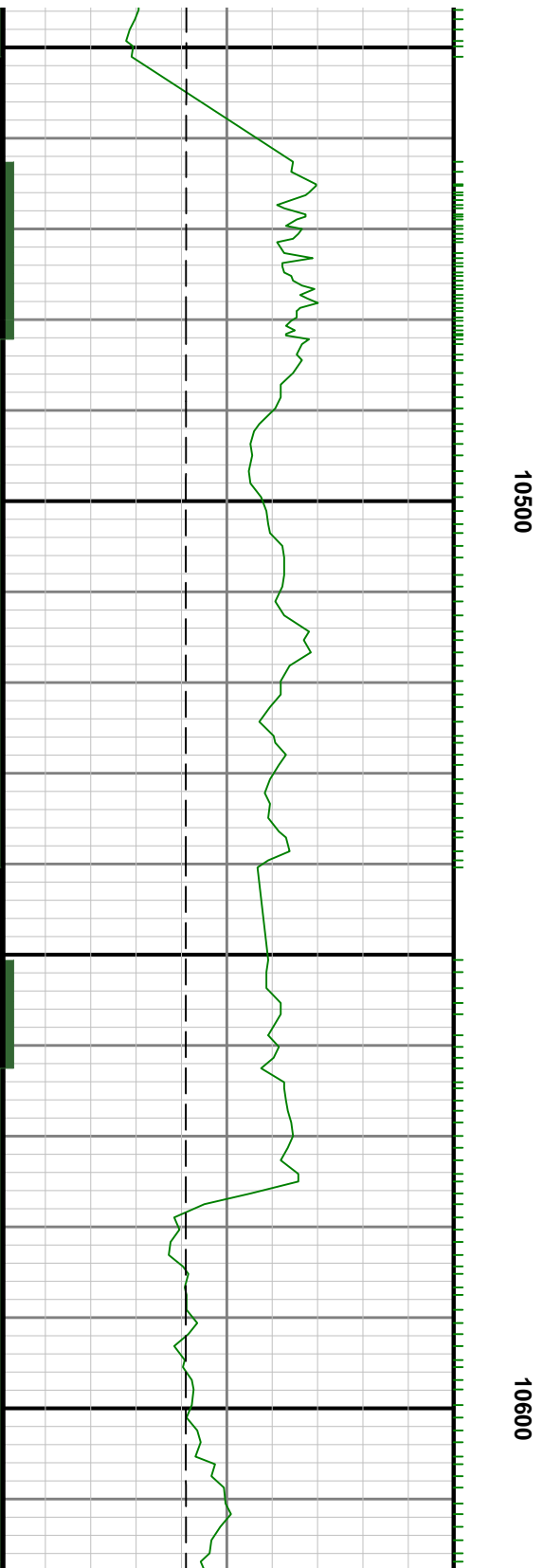
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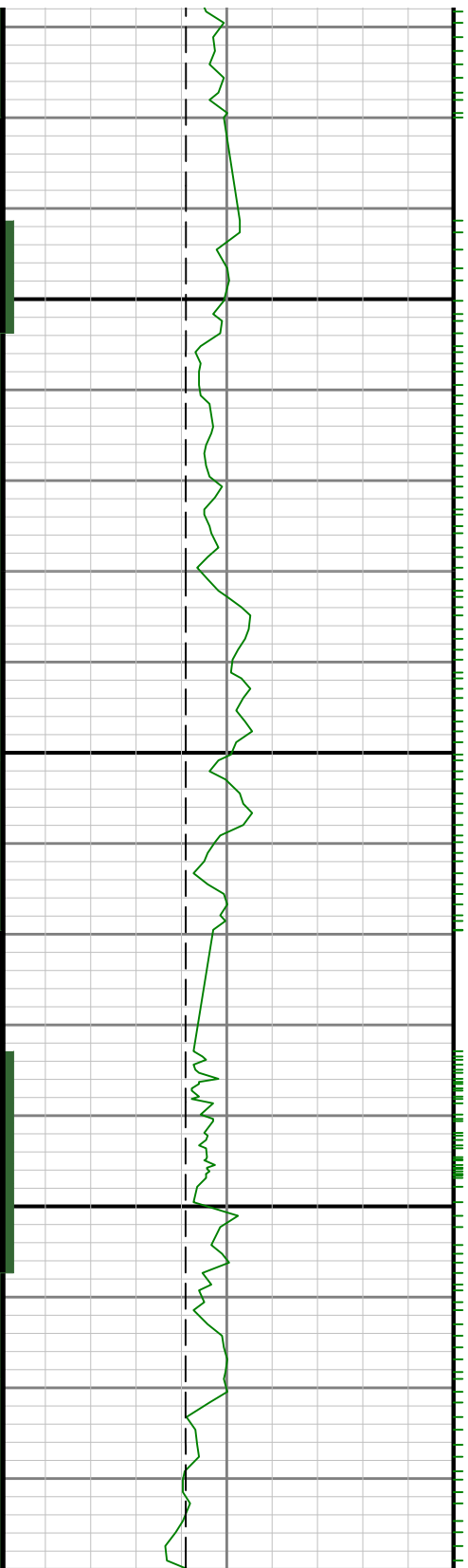
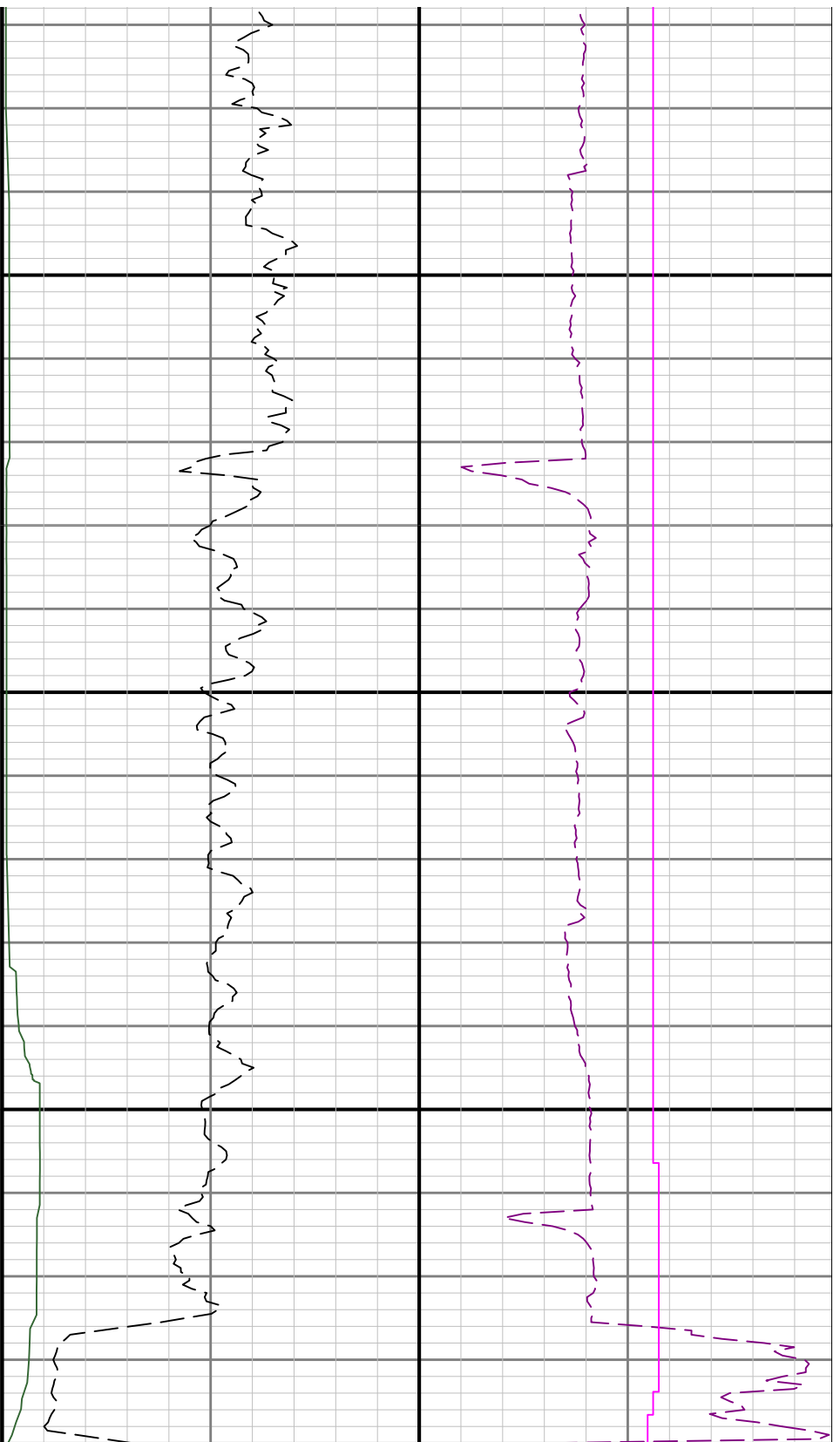


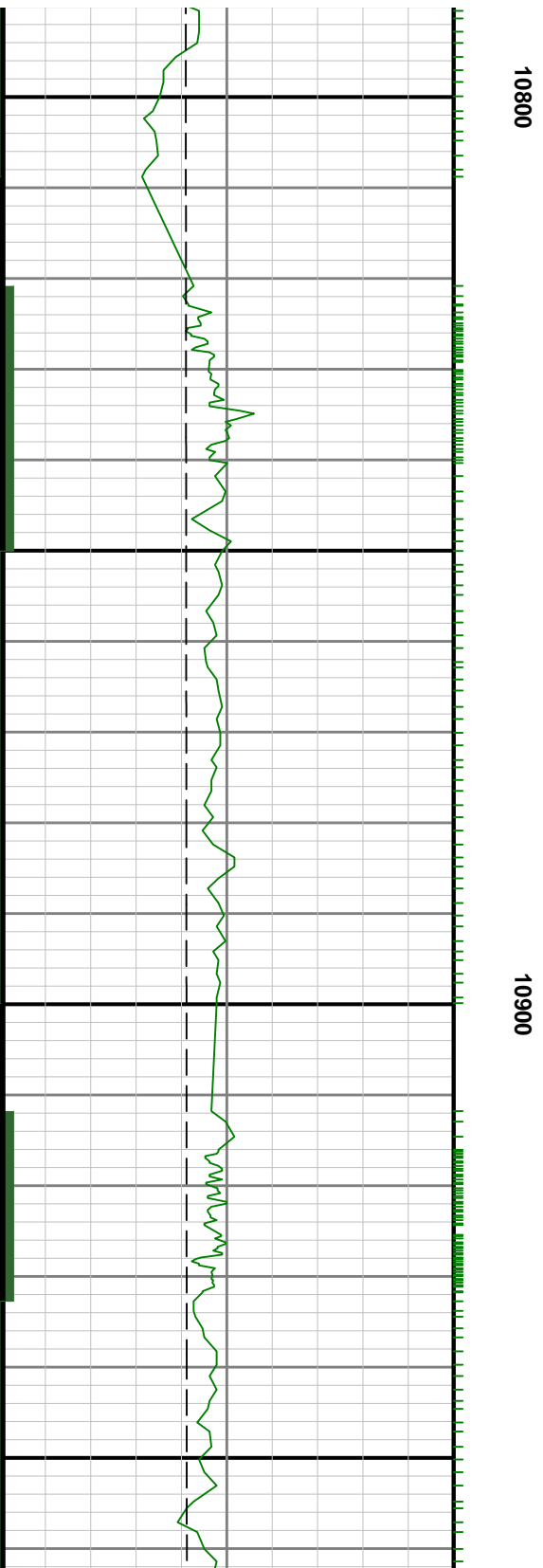
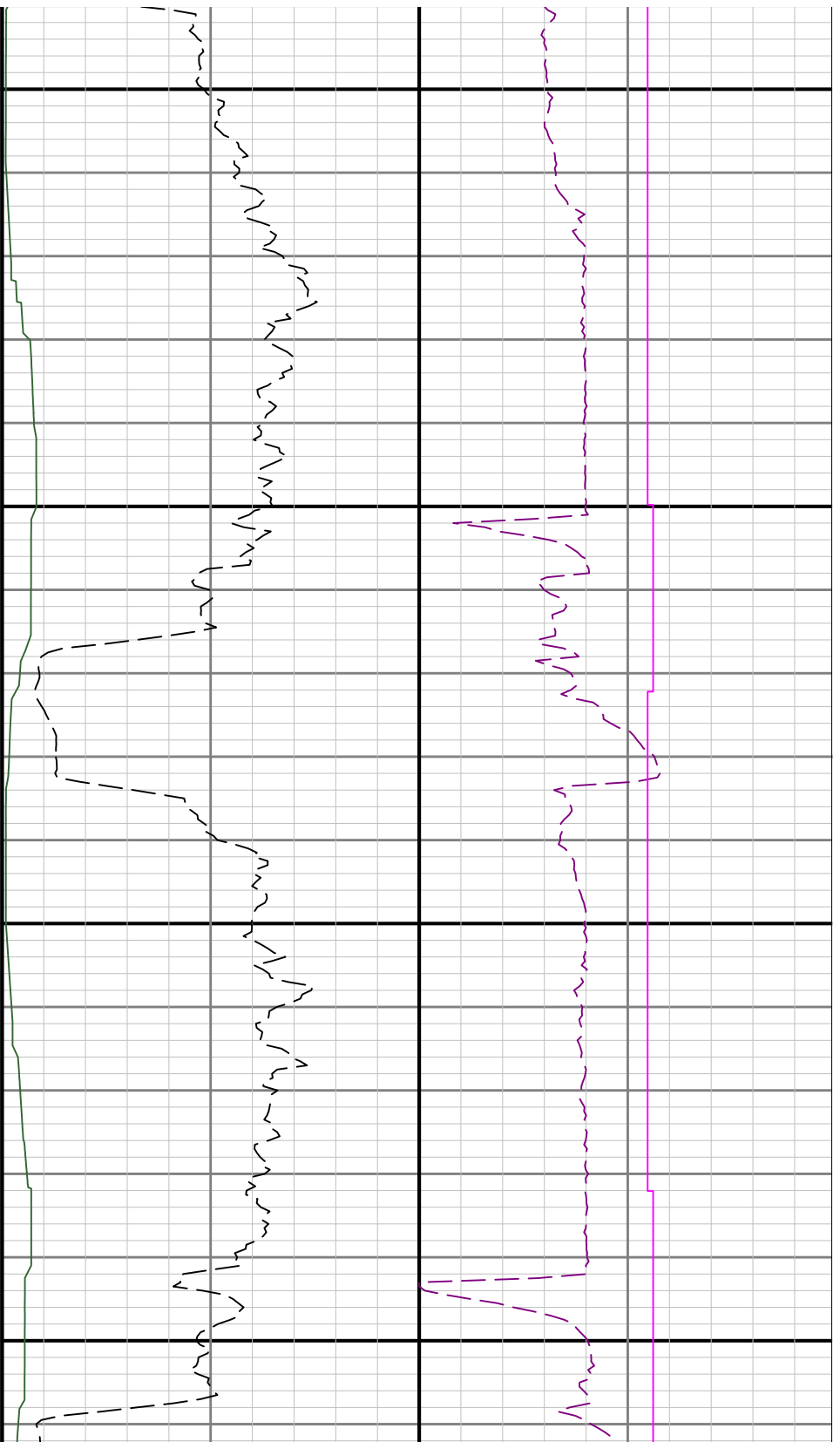


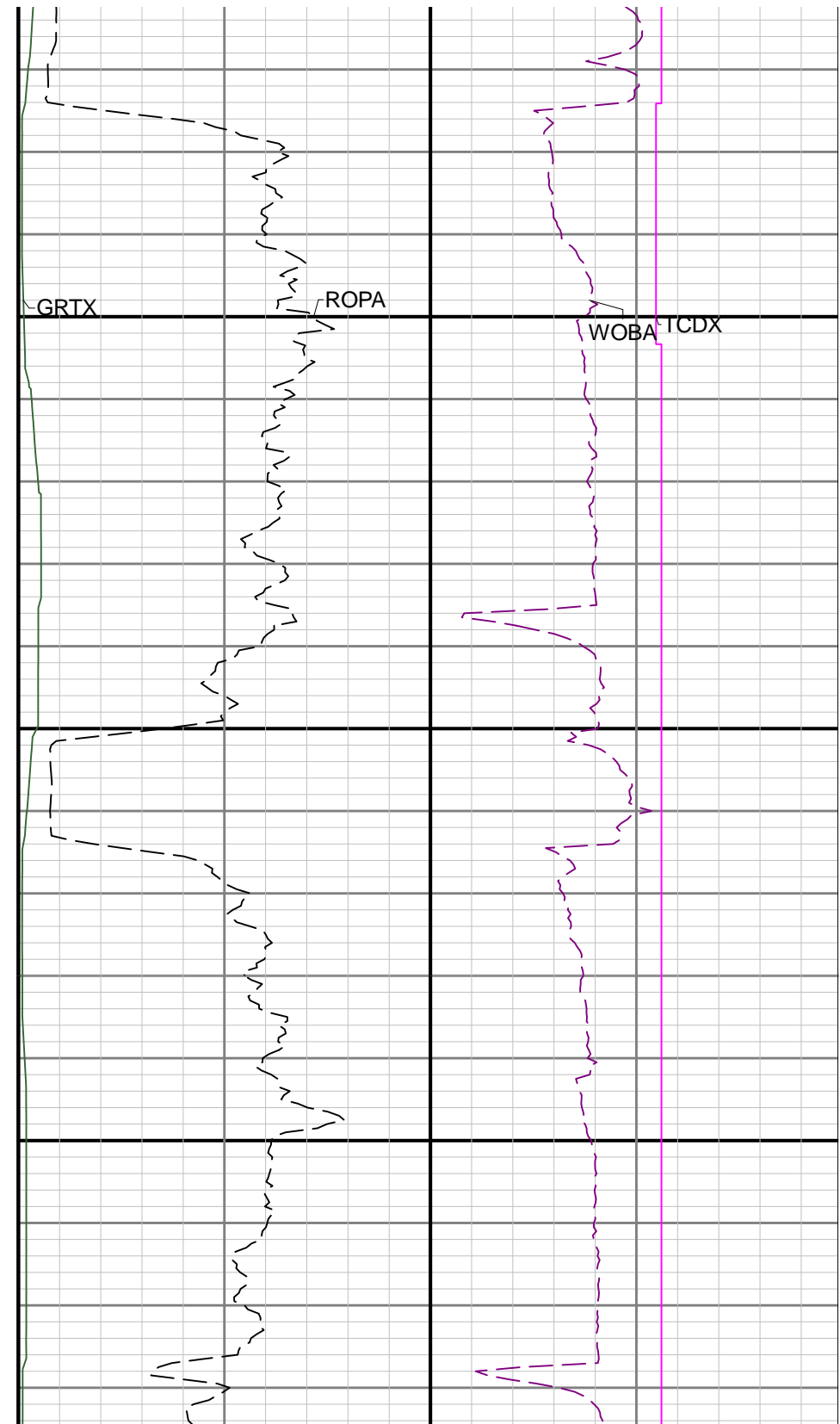
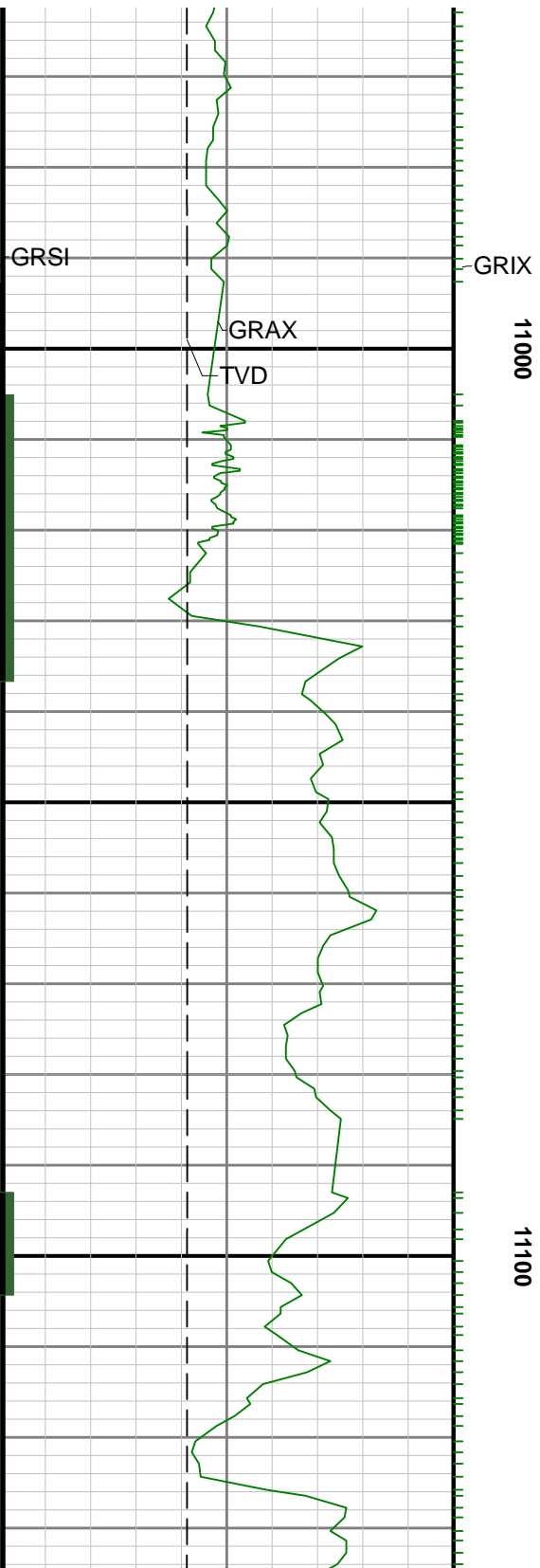


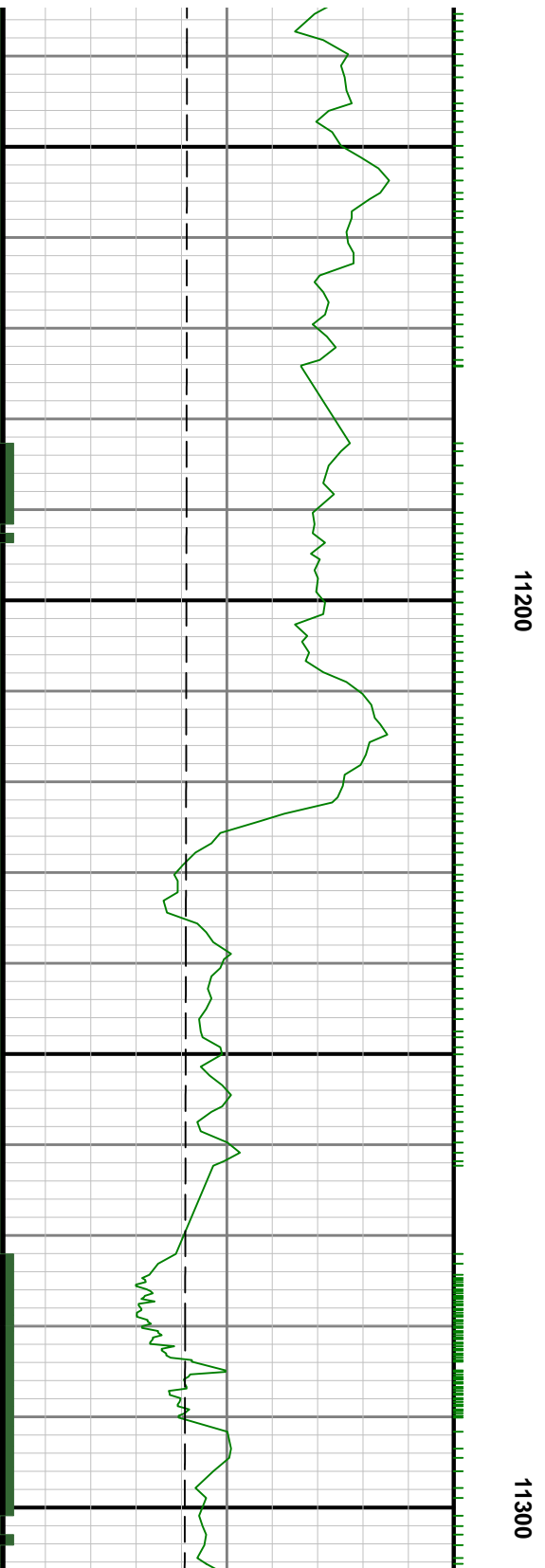


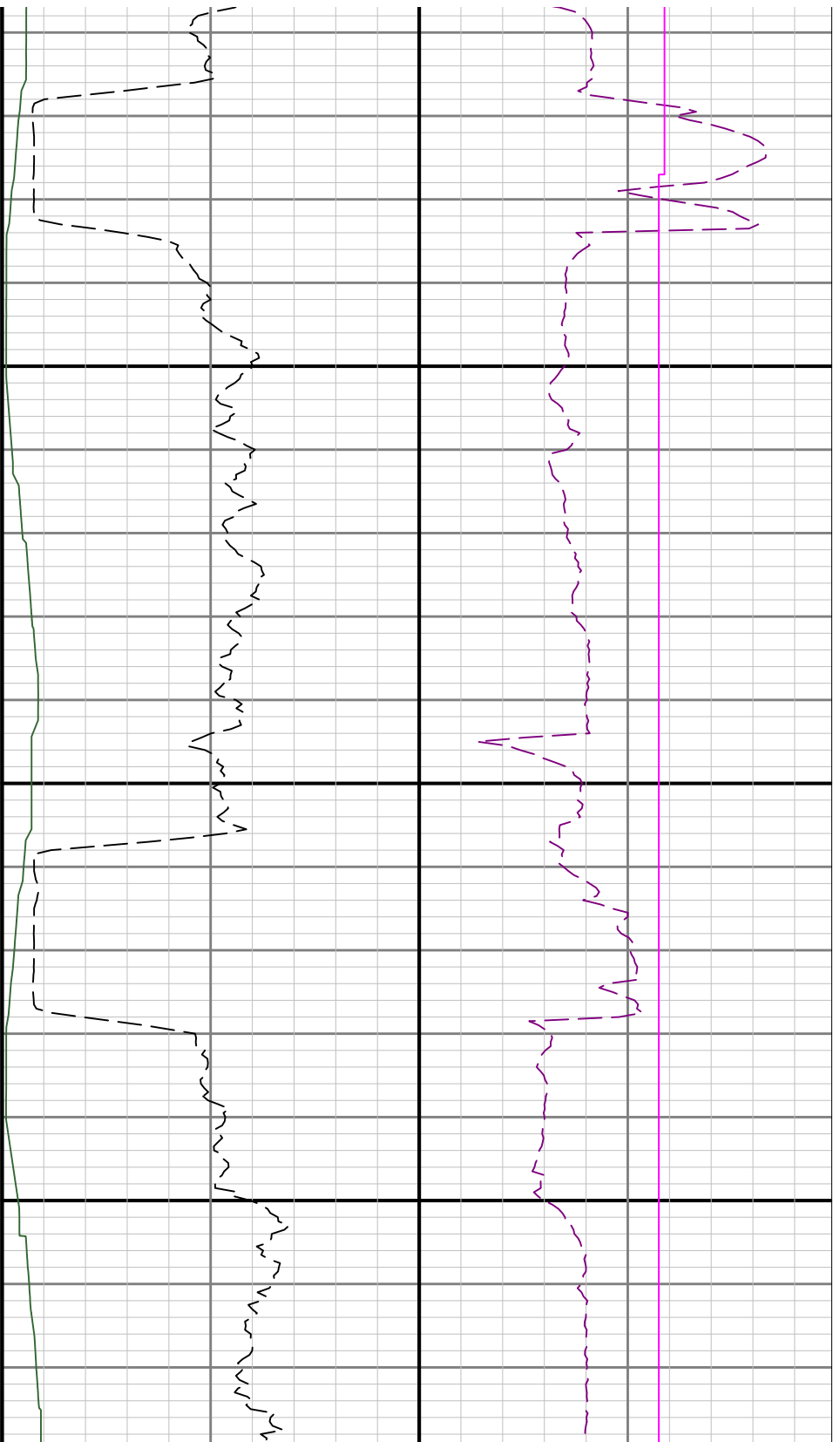




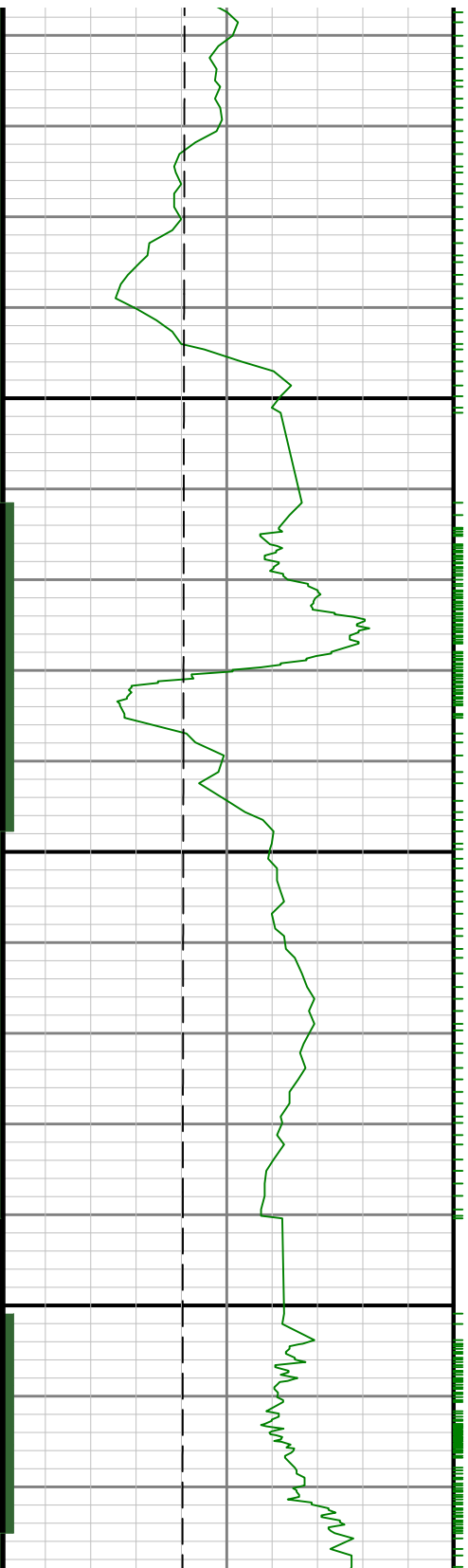


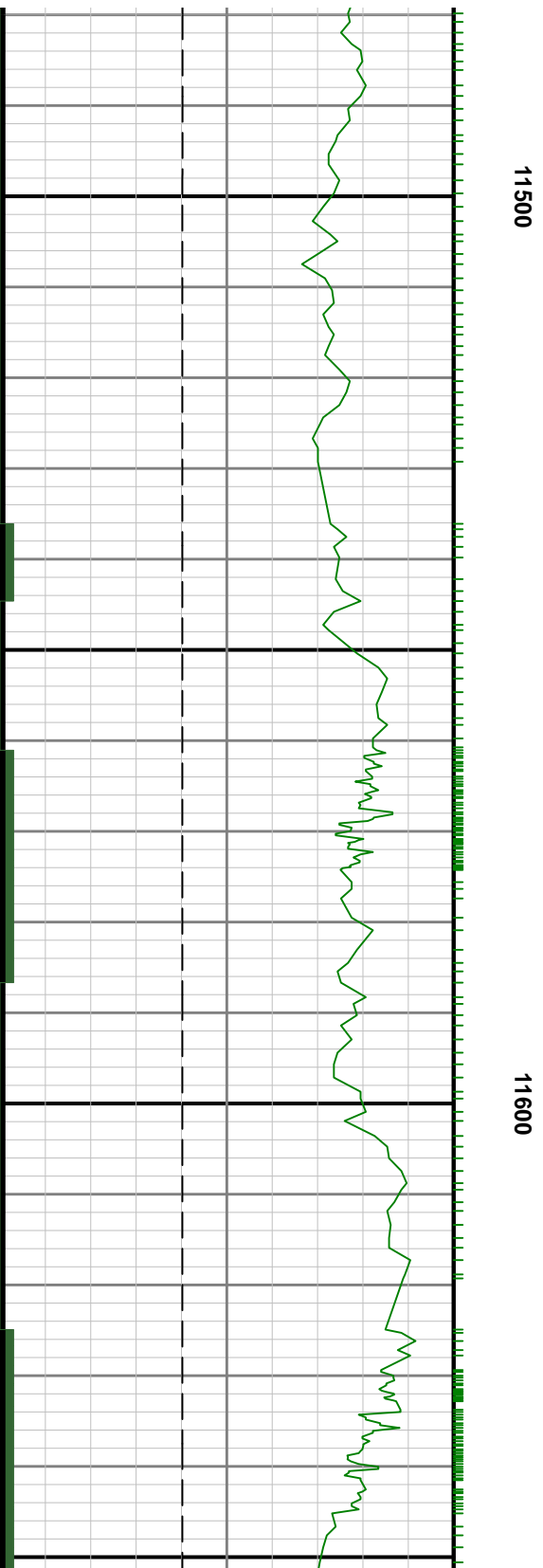
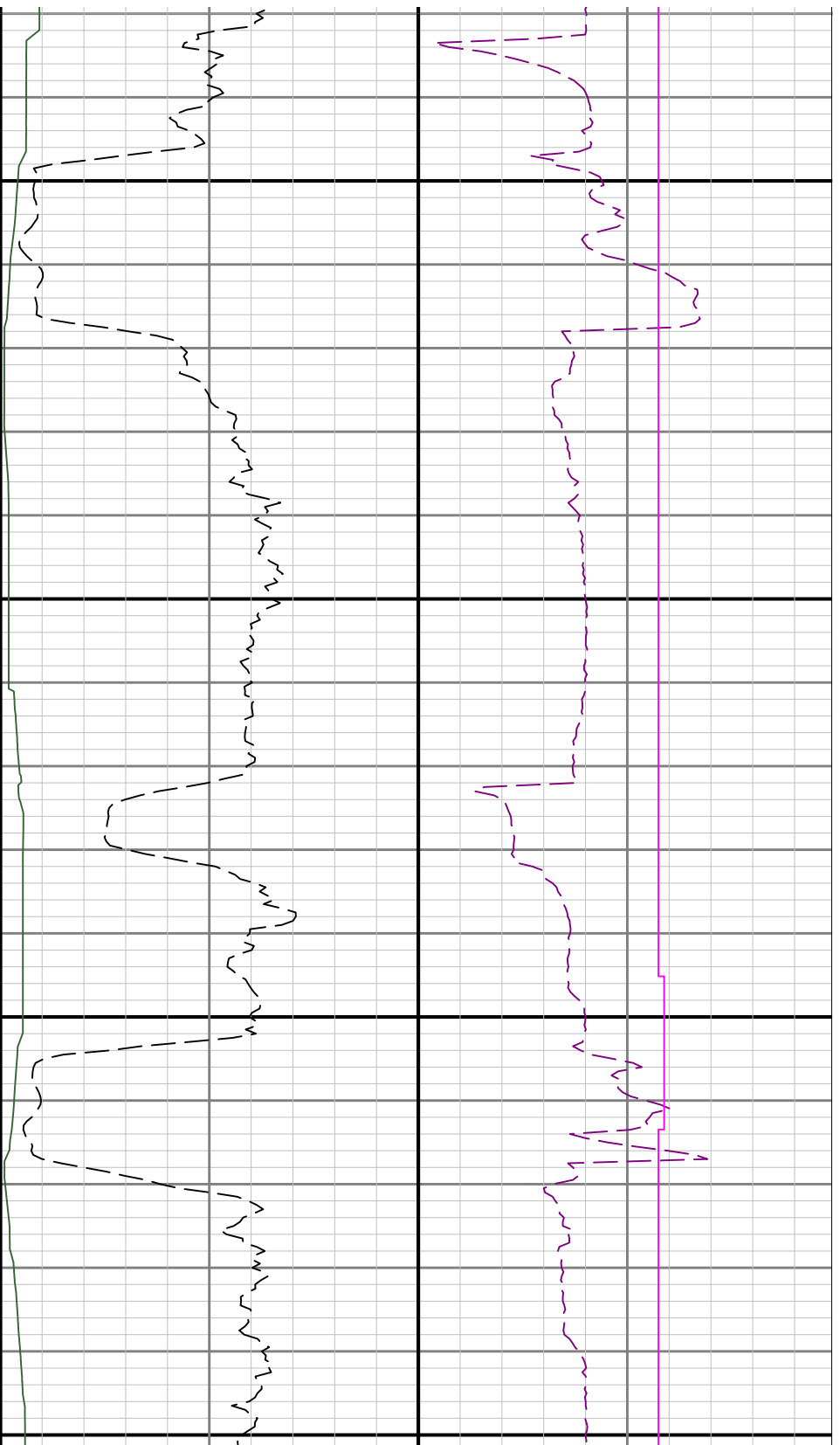


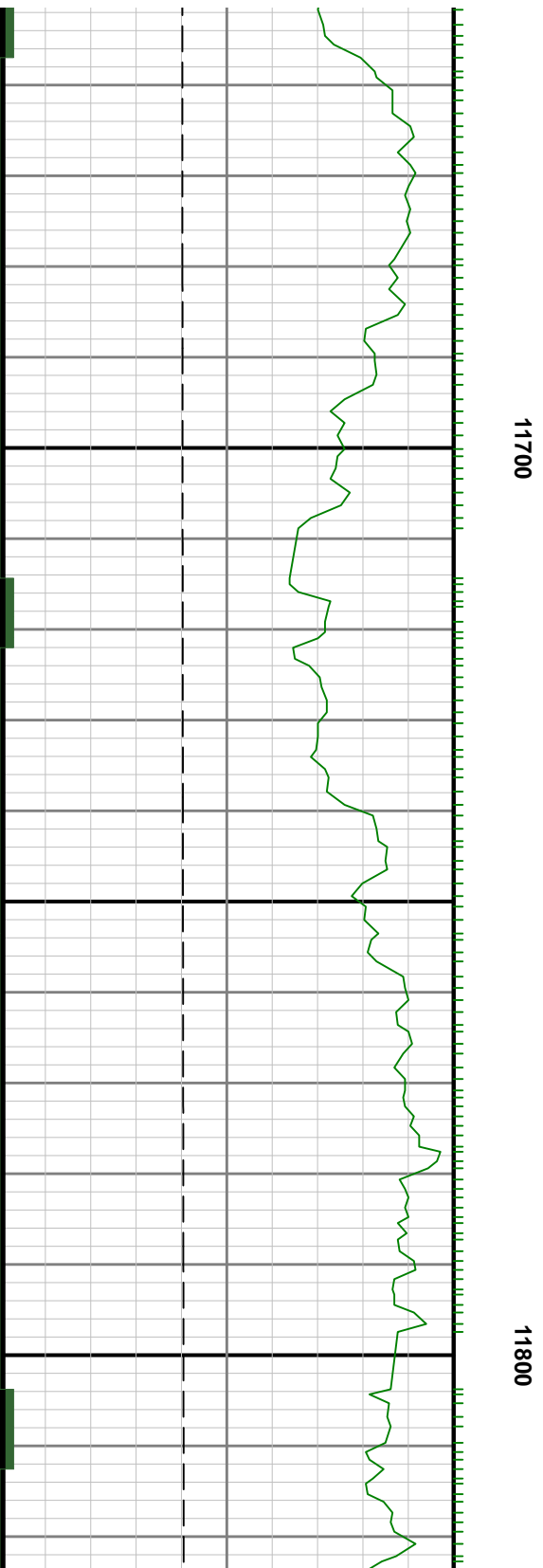
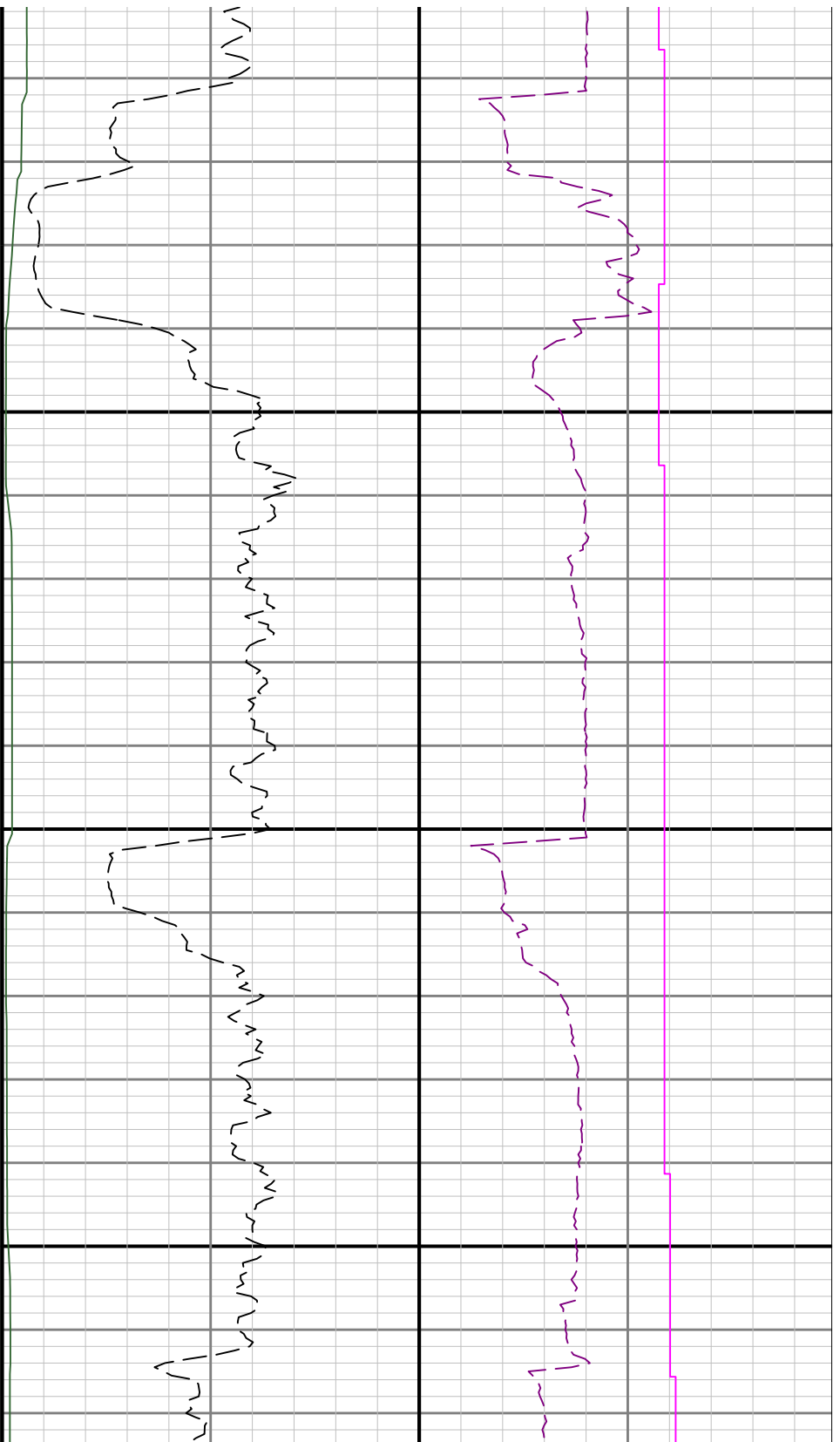


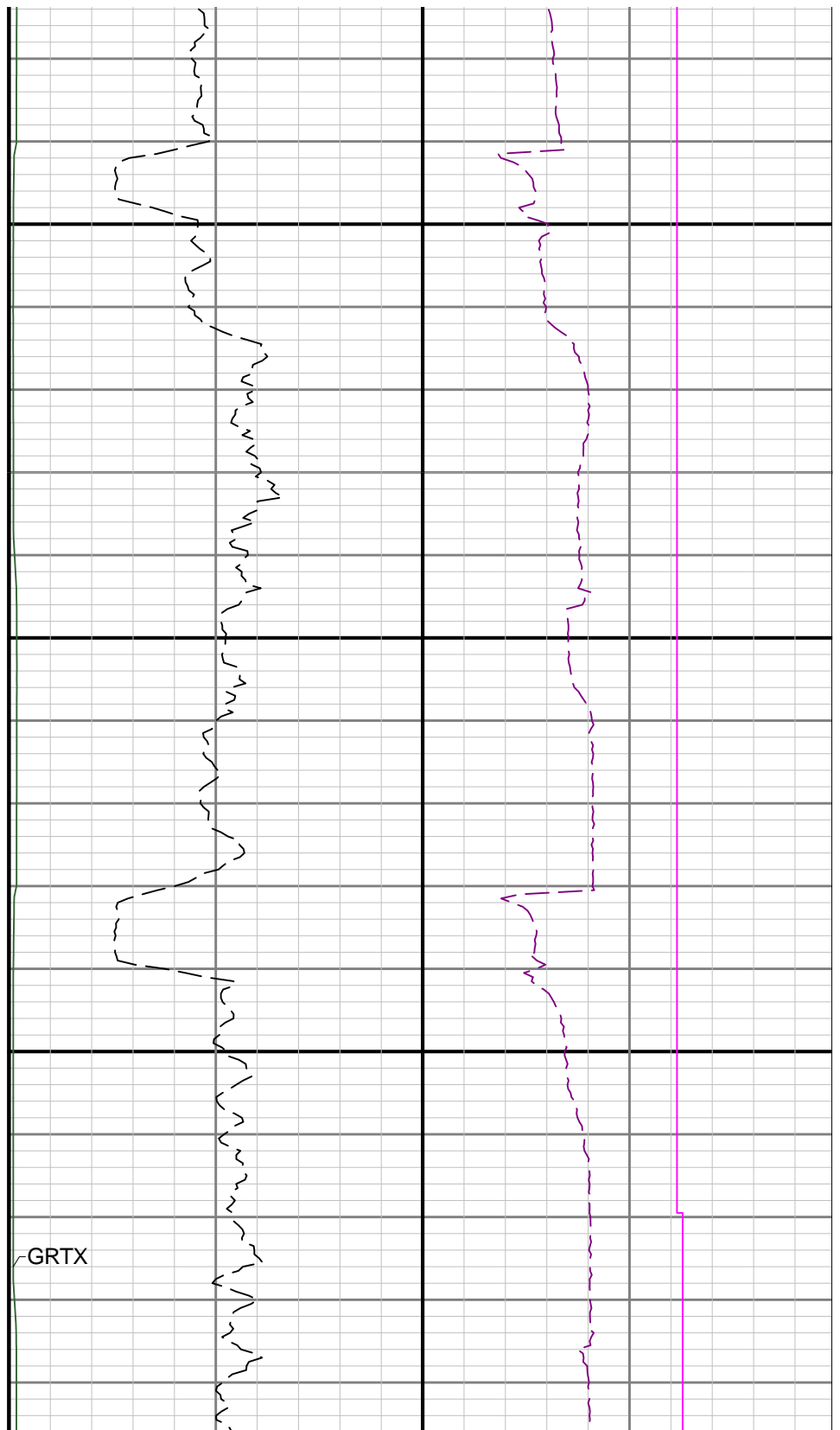
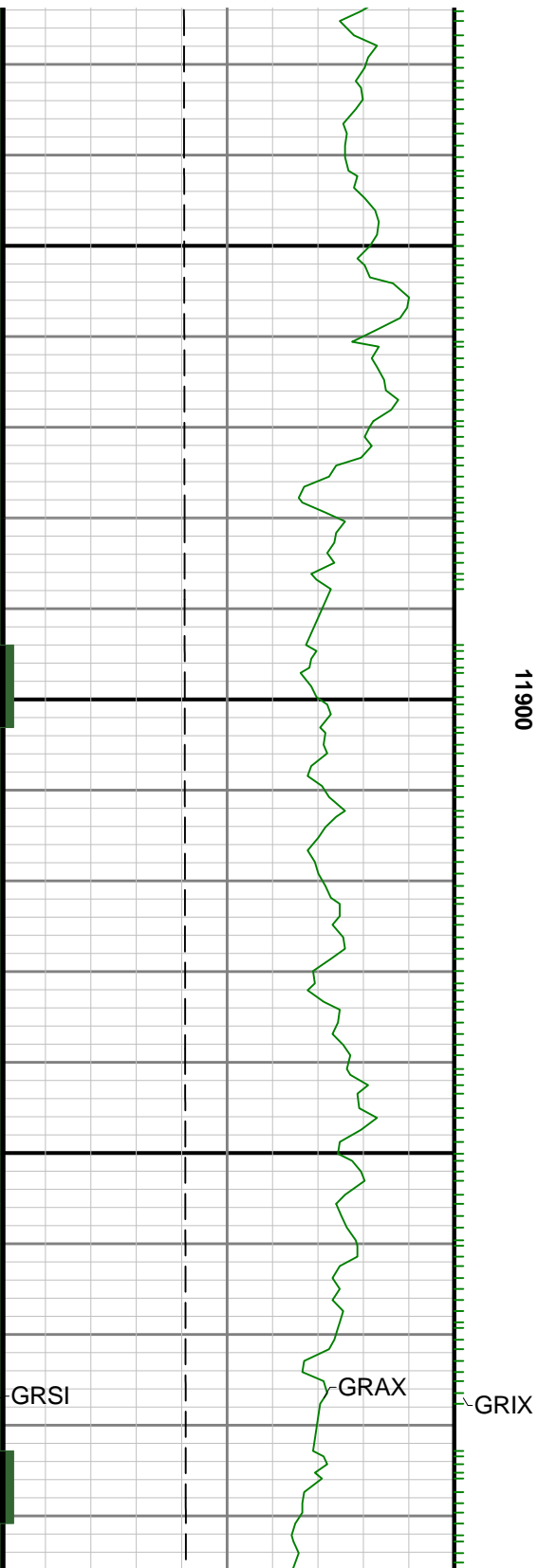


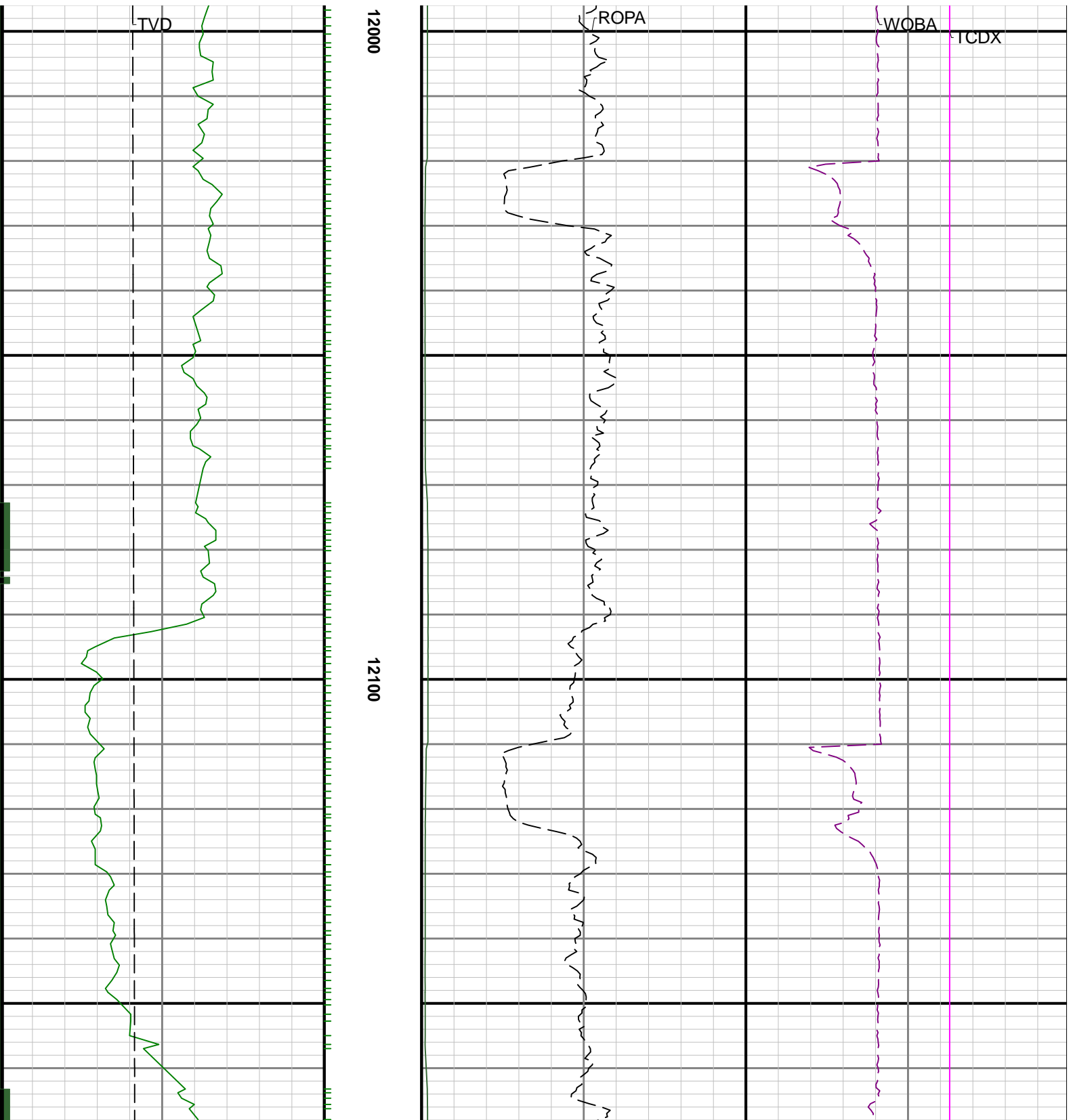
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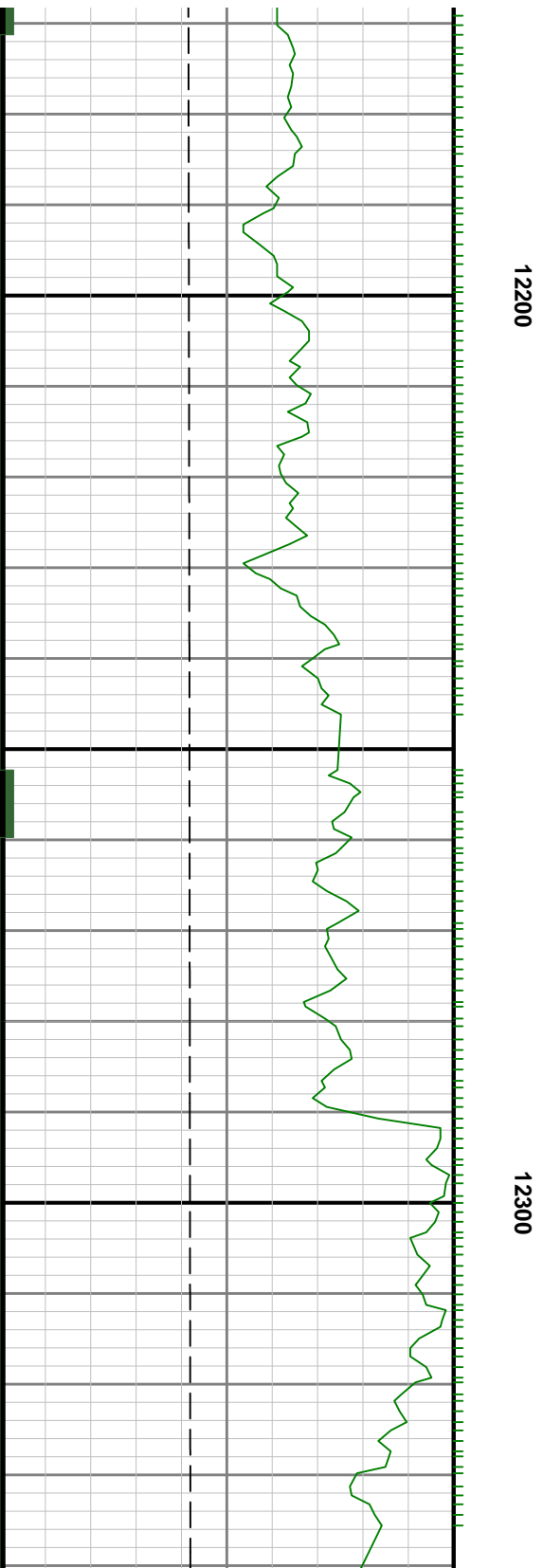
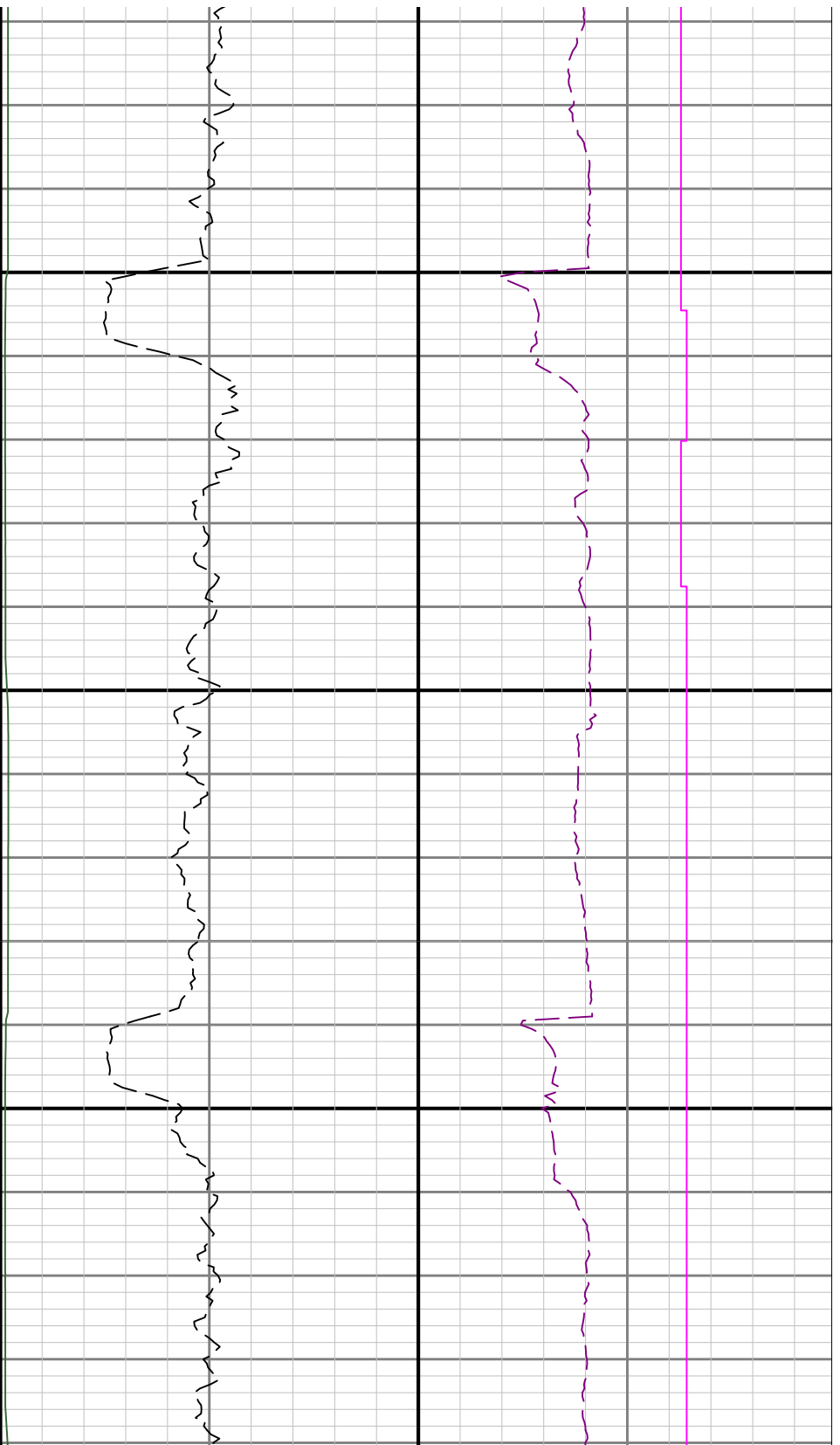


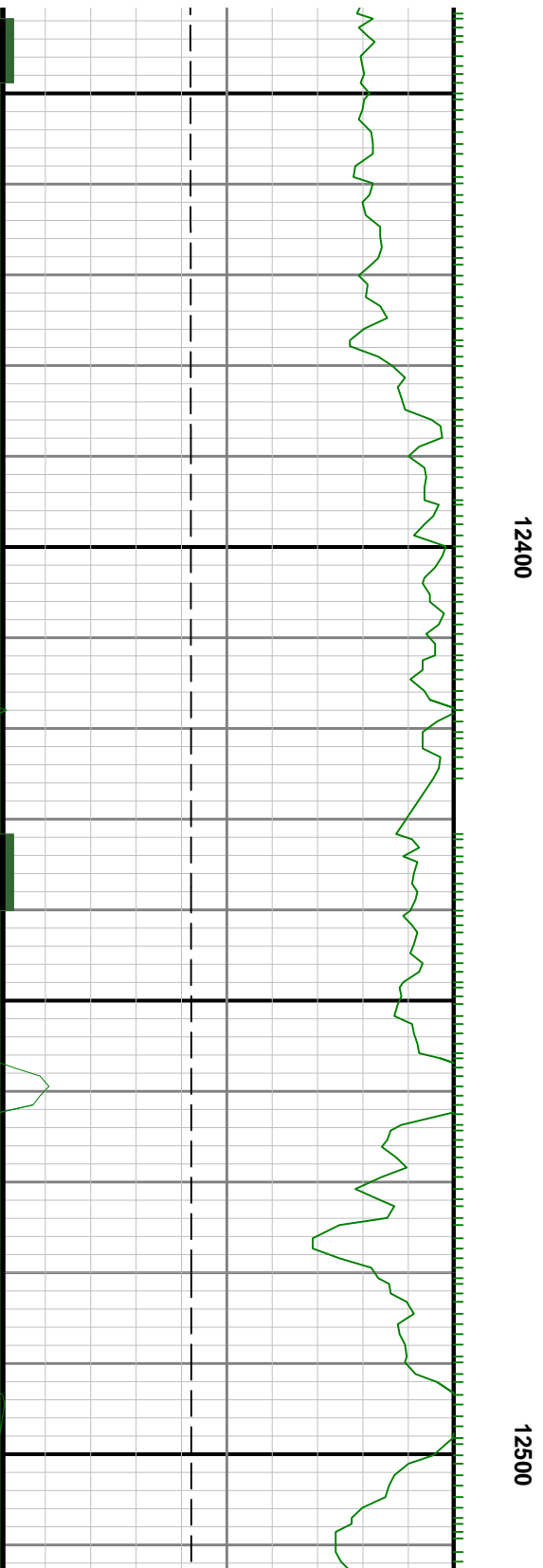
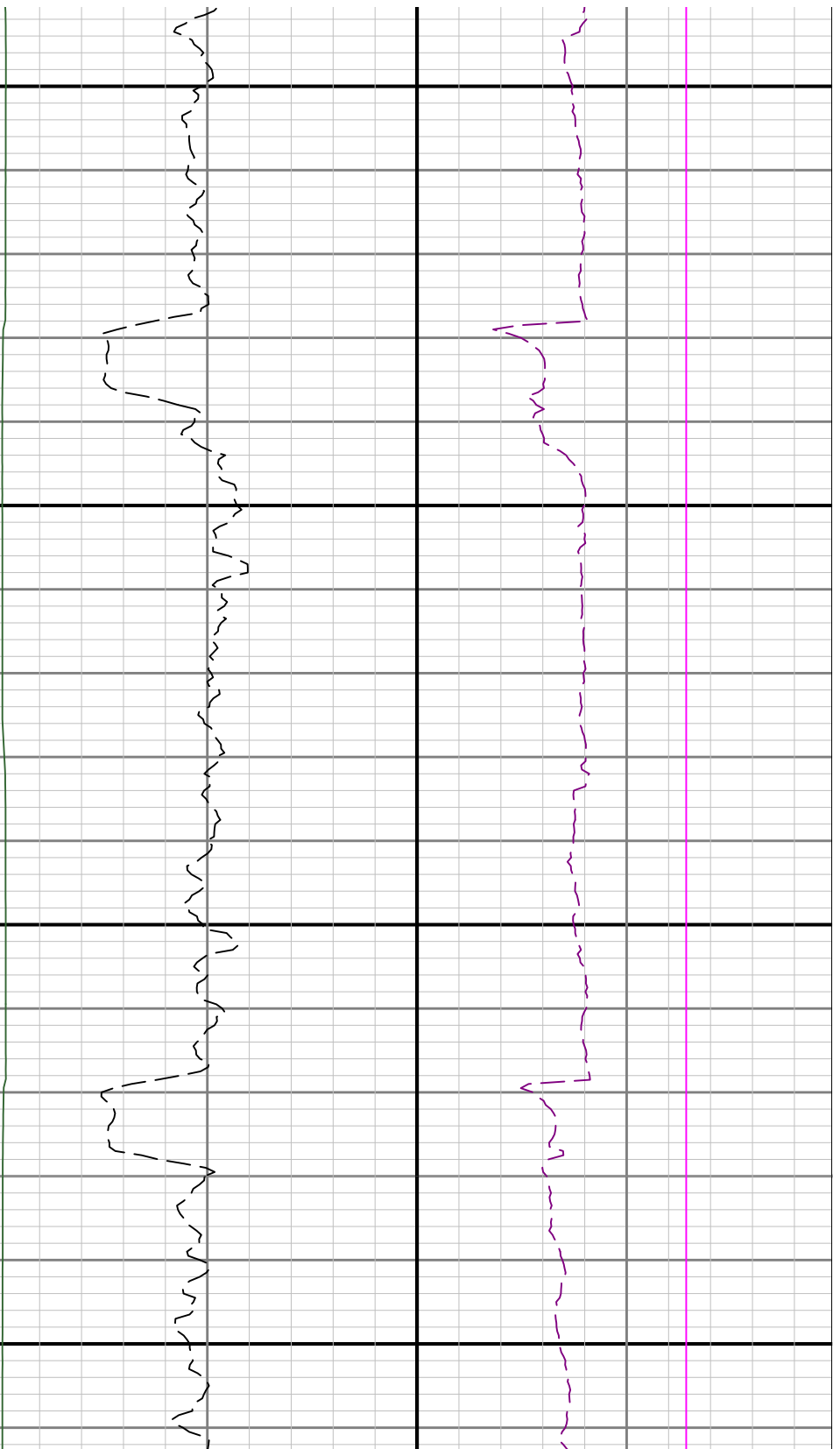


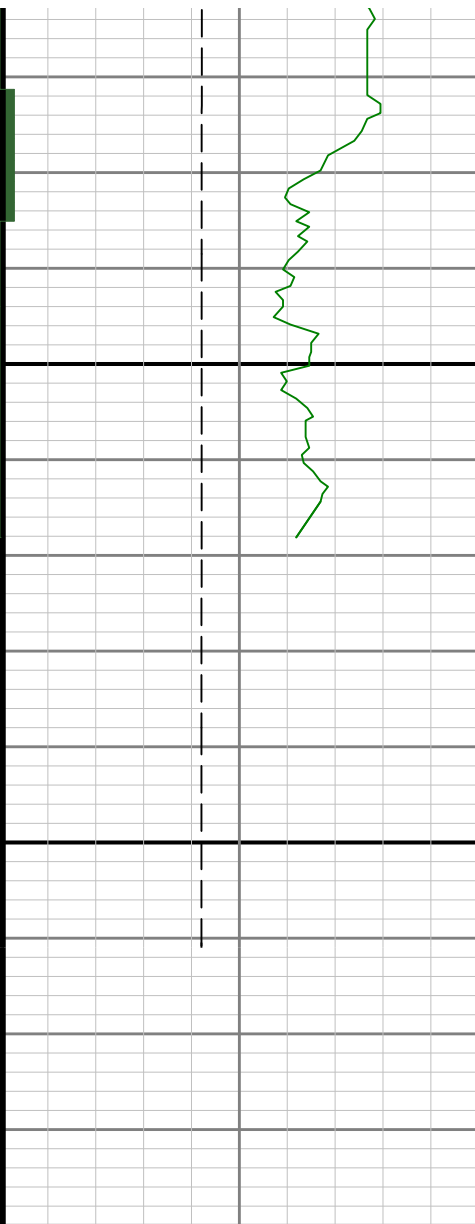




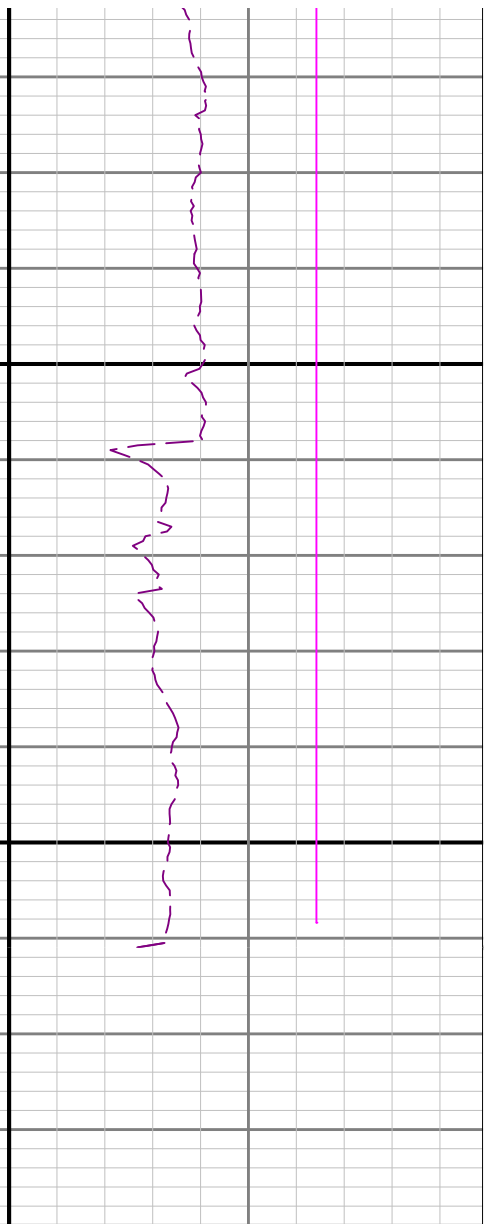
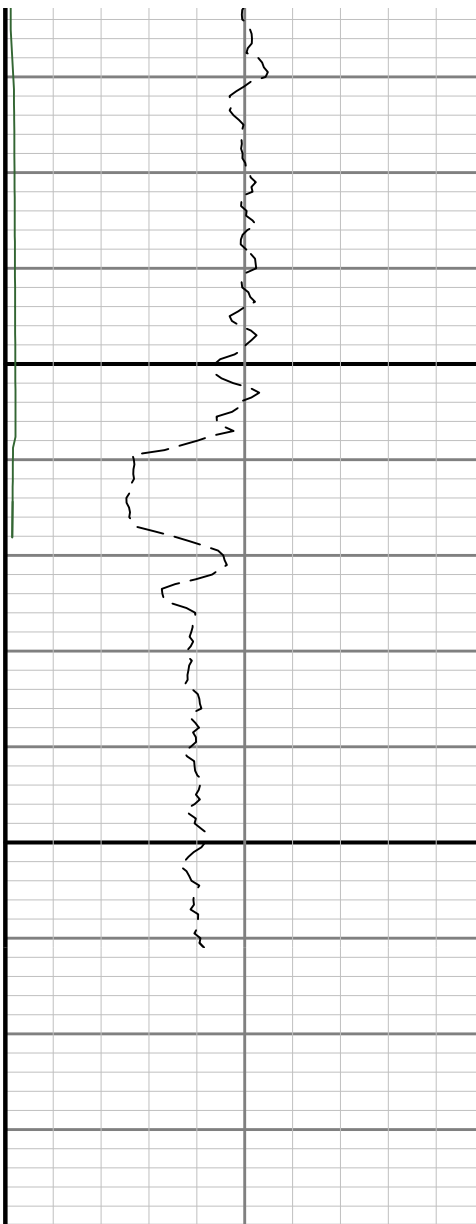








MD 1:240 feet



Gamma Ray - Apparent 0.5 ft Average [GRAX]
0 200
API
True Vertical Depth [TVD]
7800 6800
ft

MD 1:240 feet

Gamma Time Since Drilled
0 600
min
Depth Averaged ROP 3 ft Average [ROPA]
0 750
ft/h

Weight On Bit, Average 1 ft Average [WOBA]
0 100
klb
Downhole Temperature [TCDX]
100 300
degF