

Date / Time	LWD Run No.	Measured Depth (ft.)	Mud Type	Density (ppg)	Viscosity (sec/qt)	pH	Fluid Loss (mL/30)	Oil / Water	Source	Total Chlorides (mg/L)	K+
26/Apr/15 18:00	1	1566	INVERMUL	8.9	53	N/A	6.1	67.0/26.0	Active Pits	48,000	N/A
28/Apr/15 18:00	1	9940	INVERMUL	9.4	50	N/A	4.9	63.0/28.0	Active Pits	70,000	N/A
29/Apr/15 18:00	2	11991	INVERMUL	9.5	55	N/A	5.3	63.5/26.5	Active Pits	67,000	N/A

Mnemonics

Curve	Description	Units
GRAX	Gamma Ray Apparent, 0.5 ft. Avg.	API
GRTX	Gamma Ray Time Since Drilled	Min.
GRIX	Gamma Ray Data Density	Unitless
GRSI	Gamma Ray Slide Indicator	Unitless
ROPA	Rate of Penetration, 3.0 ft. Avg.	Ft./Hr.
TCDX	Downhole Temperature	Deg. F.
TVD	True Vertical Depth	Ft.
WOBA	Surface Weight on Bit, 1.0 ft. Avg.	K. lbs.

Equipment and Service Data

LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (ft.)	Max O.D. (in.)	Min I.D. (in.)
1	DIR	11710699	Directional	46.92	6.750	2.750
1	SRIG	126226668	Gamma	43.55	6.750	0.000
2	DIR	11710699	Directional	48.75	6.750	2.750
2	SRIG	126226668	Gamma	45.38	6.750	0.000

Service and Tool Mnemonics

Mnemonic	Name	Description
DIR	Directional	Wellbore directional survey
SRIG	Inclination and Gamma	Probe based gamma ray and inclination module

Comments


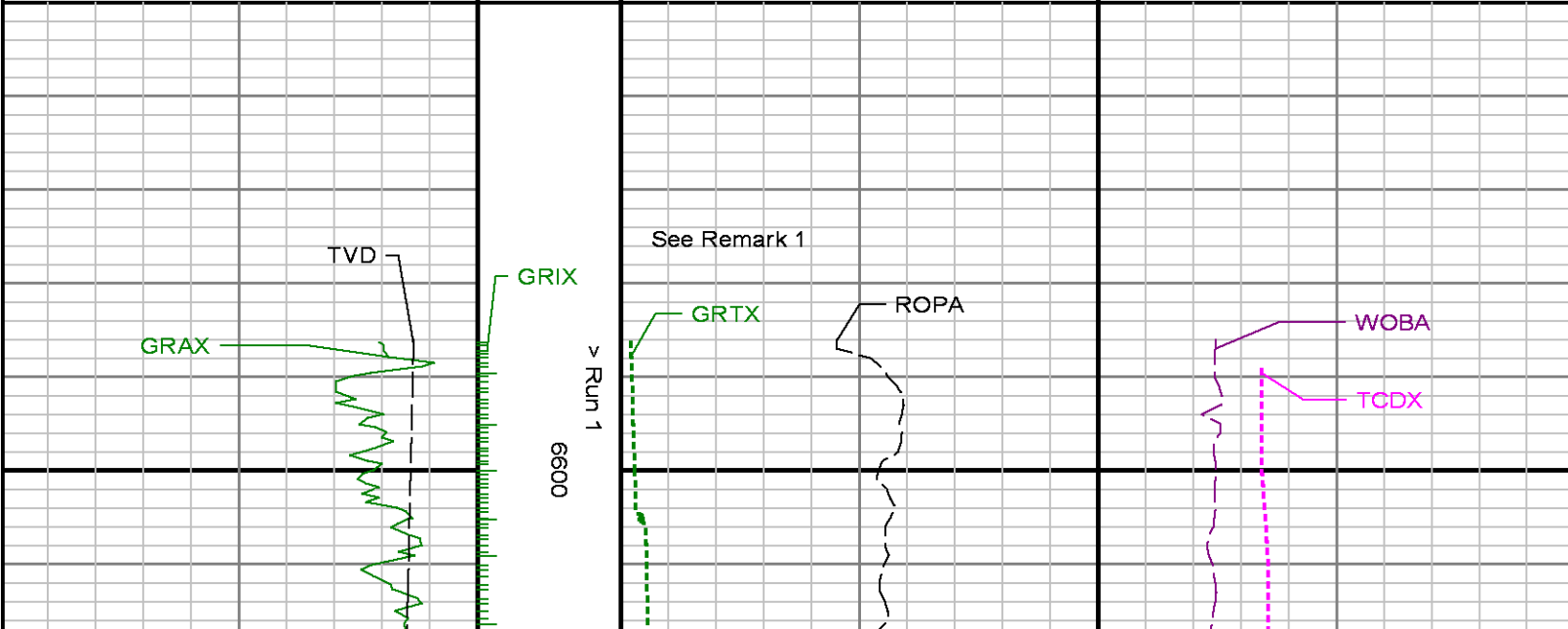
<p>1) Baker Hughes INTEQ runs 1 & 2 utilized a 6 1/2 inch NaviGamma (Directional and Gamma Ray) tool ran behind an 7 7/8 inch bit with a steerable assembly from 6585 feet to 13470 feet MD (6267 feet to 7174 feet TVD).</p> <p>2) Depth measurements obtained from a depth control system not supplied or operated by Baker Hughes INTEQ. Due to lack of control by Baker Hughes INTEQ logging engineers, depth calibration and measurements could not be independently verified.</p> <p>3) A sliding indicator is shown on the left side of track 1 as a heavy line. The indicator has been shifted to the Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.</p>

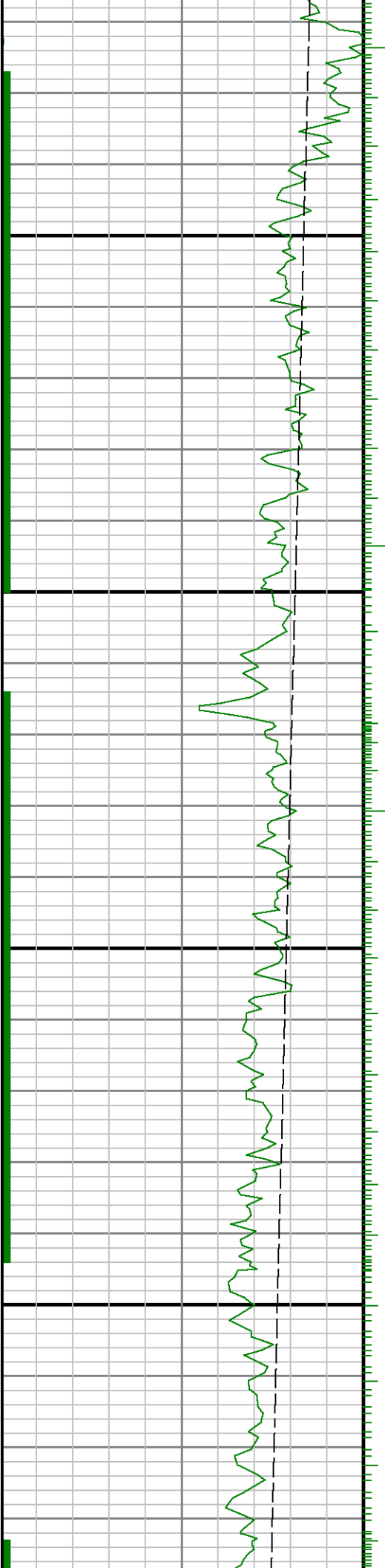
Remarks

Number	Measured Depth	Hole Section	LWD Run No.	Remark
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	(ft.)	(in.)		
1	6574	7.875	1	The interval from surface to 6600 feet MD (6454 feet TVD) was not logged since logging services began at 6600 feet MD (6454 feet TVD).
2	11924	7.785	1	The interval from 11908 feet to 11991 feet MD (7155 feet to 7175 feet TVD) was logged more than 9 hours after drilling in order to change out motor and bit for higher ROP.
3	13443	7.785	2	The interval from 13425 feet to 13470 feet MD (7173 feet to 7174 feet TVD) was not logged due to bit-sensor offset at TD.

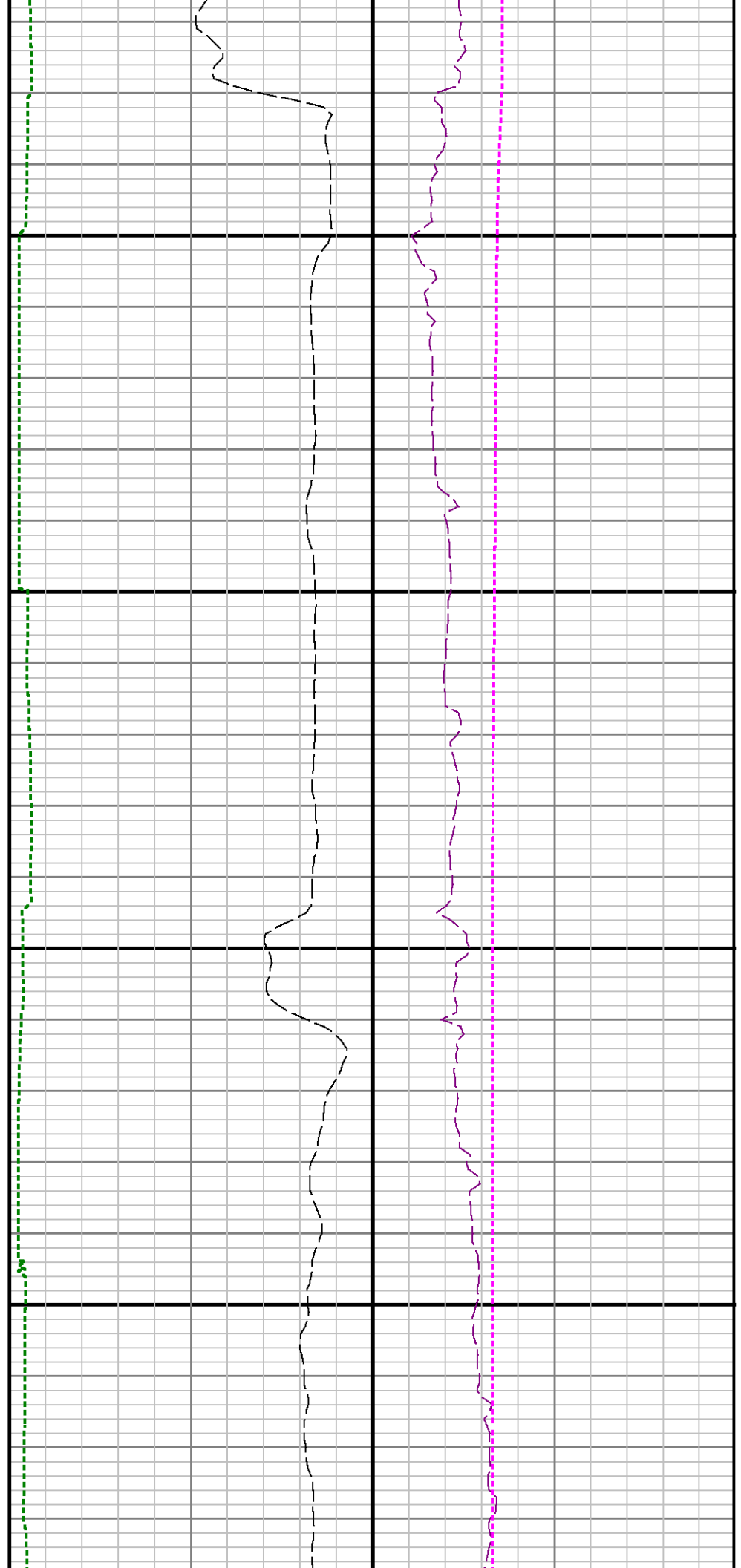
Curve Mnemonics		
Curve	Description	Units
GRAX	Gamma Ray - Apparent	API
GRIX	Gamma Ray - Data Point Indicator	unitless
GRSI	Gamma Slide Ind.	unitless
GRTX	Gamma Ray Time Since Drilled GRTX	min
ROP_AVG	Depth Averaged ROP	ft/hr
TCDX	Downhole Temperature	degF
TVD	True Vertical Depth TVD	ft
WOB_AVG	AVERAGE Weight On Bit	klbf

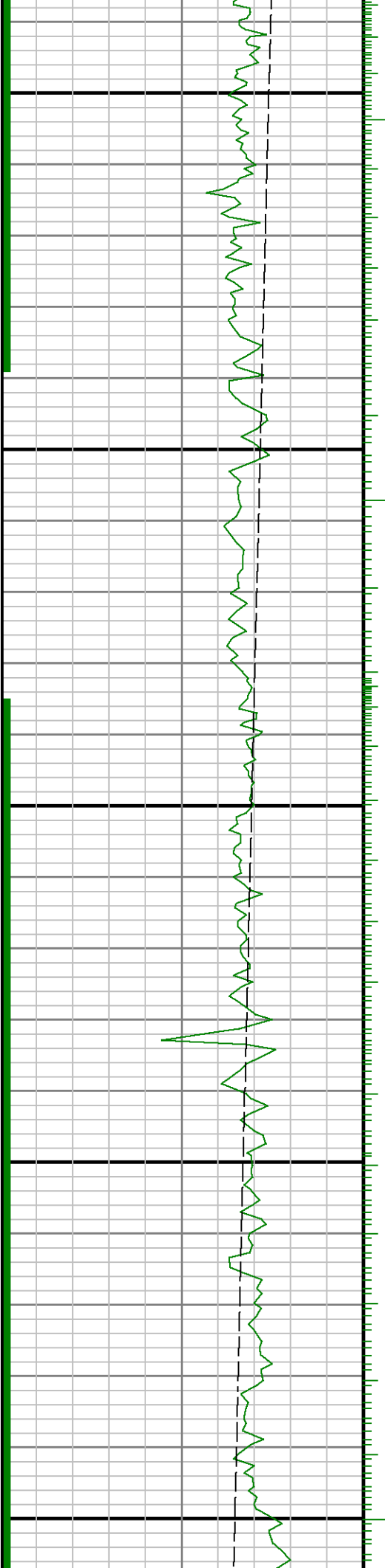
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <p>Company : Anadarko</p> <p>Well : Green 5N-8HZ</p> <p>Interval : 6550.00 - 13540.00 feet</p> <p>Created : 30/Apr/2015 12:12:36 PM</p> </div> </div>			
<p>Gamma Ray Apparent 0.5 ft Avg GRAX</p> <p>0 150</p> <p>API</p> <p>True Vertical Depth TVD</p> <p>8000 6000</p> <p>ft</p>	<p>MD feet 1:240</p>	<p>Gamma Ray Time Since Drilled GRTX</p> <p>0 600</p> <p>min</p> <p>Rate of Penetration 3.0 ft Avg ROPA</p> <p>1000 0</p> <p>ft/hr</p>	<p>Surface Weight On Bit 1.0 ft Avg WOBA</p> <p>0 100</p> <p>klbf</p> <p>Downhole Temperature TCDX</p> <p>100 300</p> <p>degF</p>
			



6700

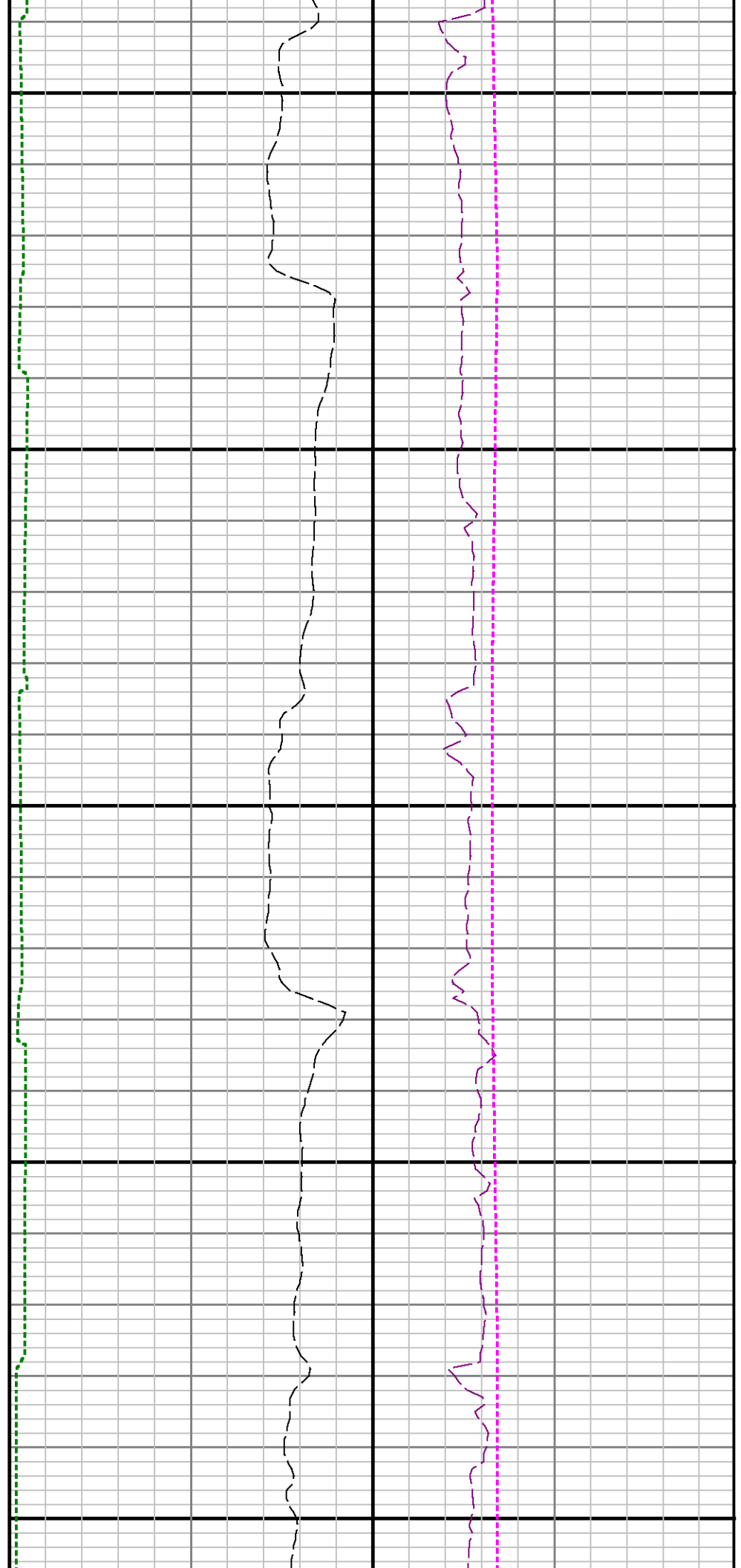
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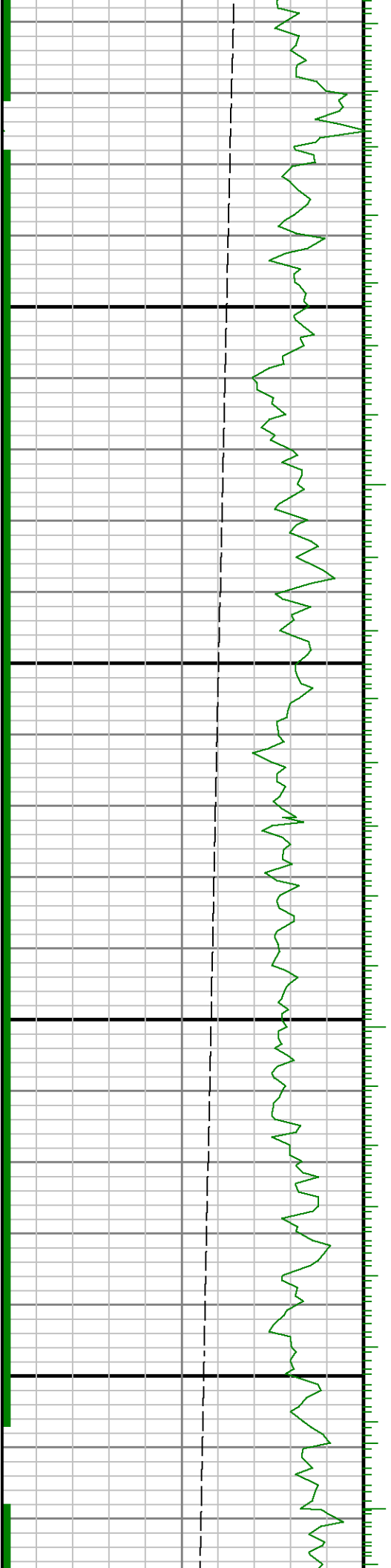
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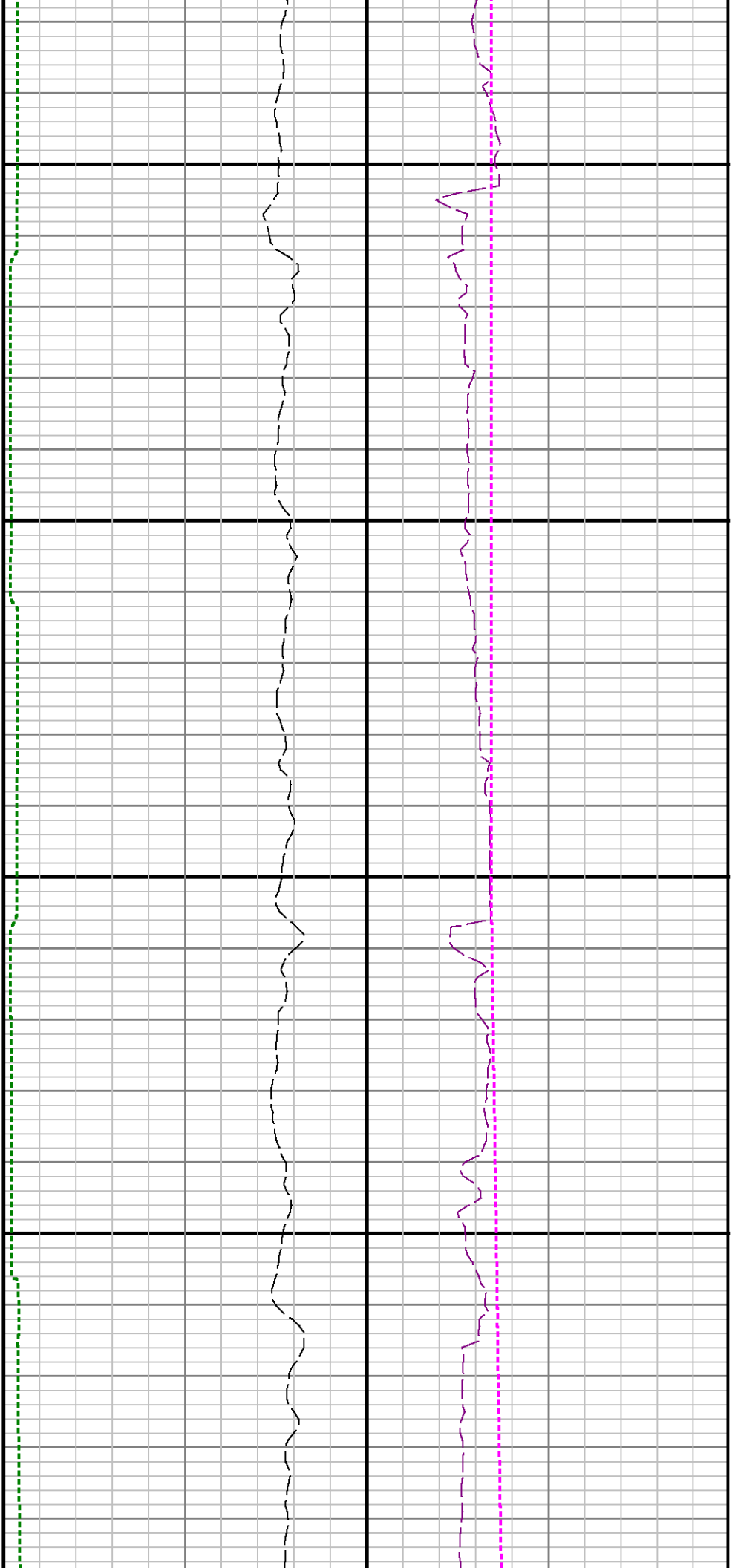




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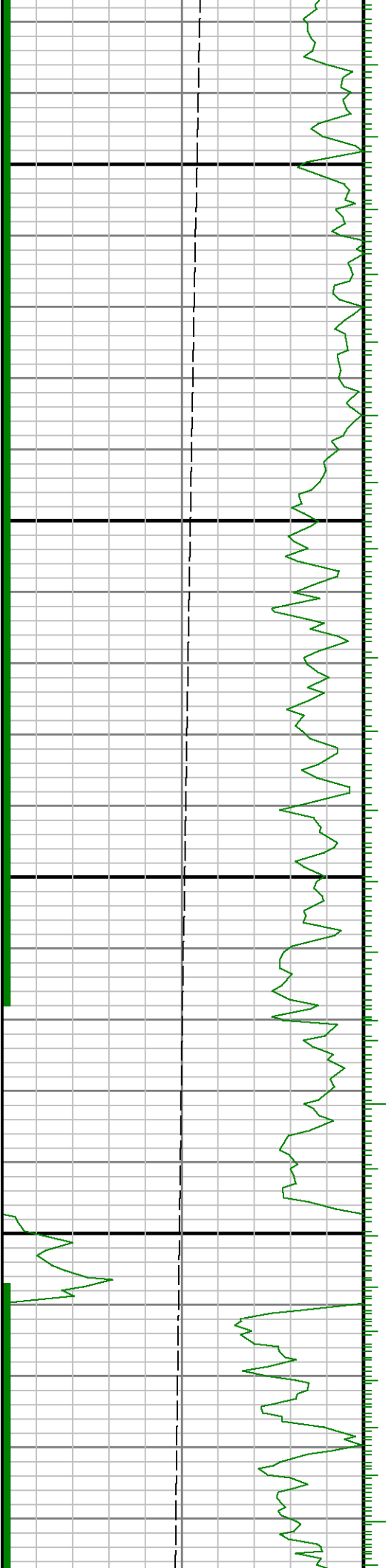
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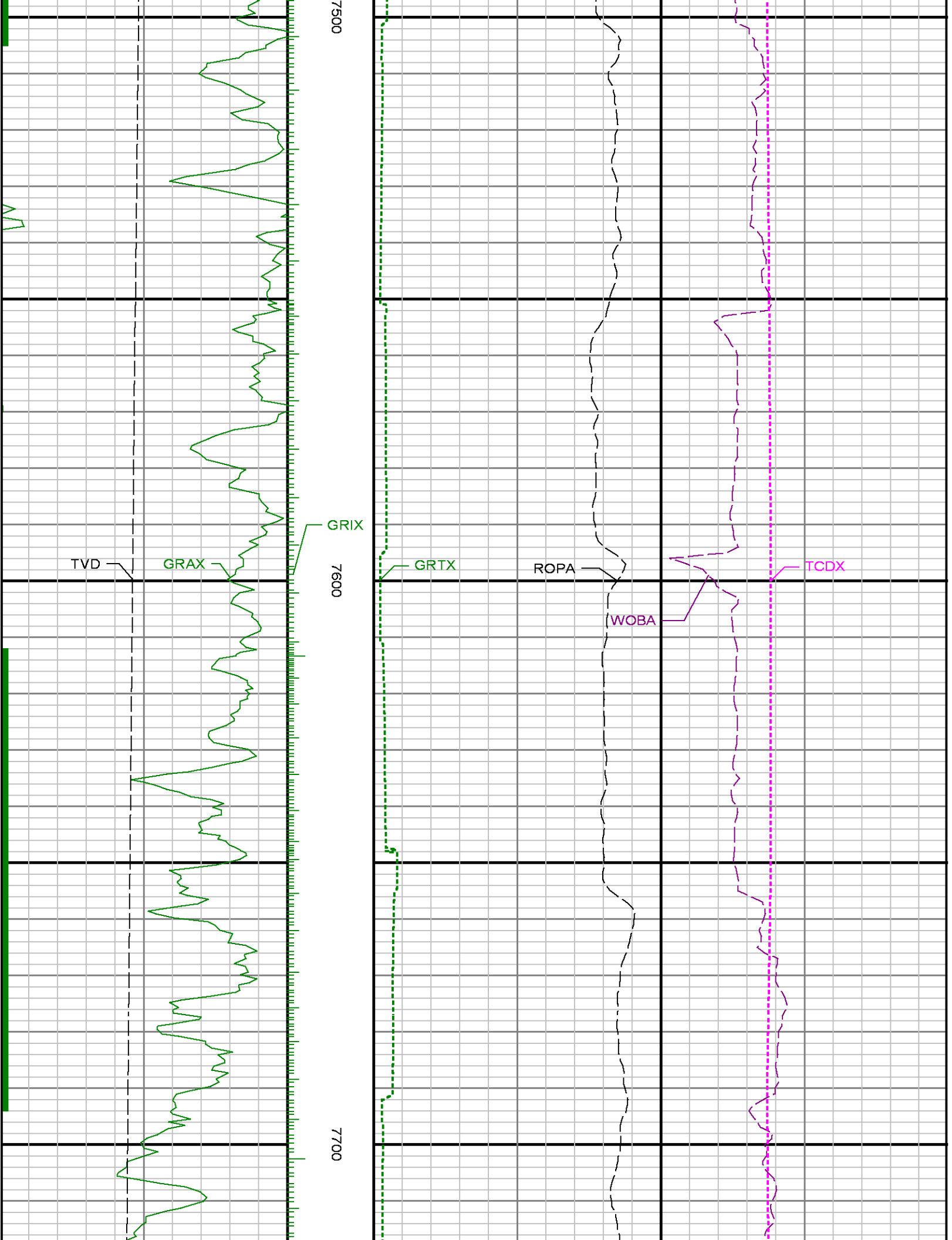


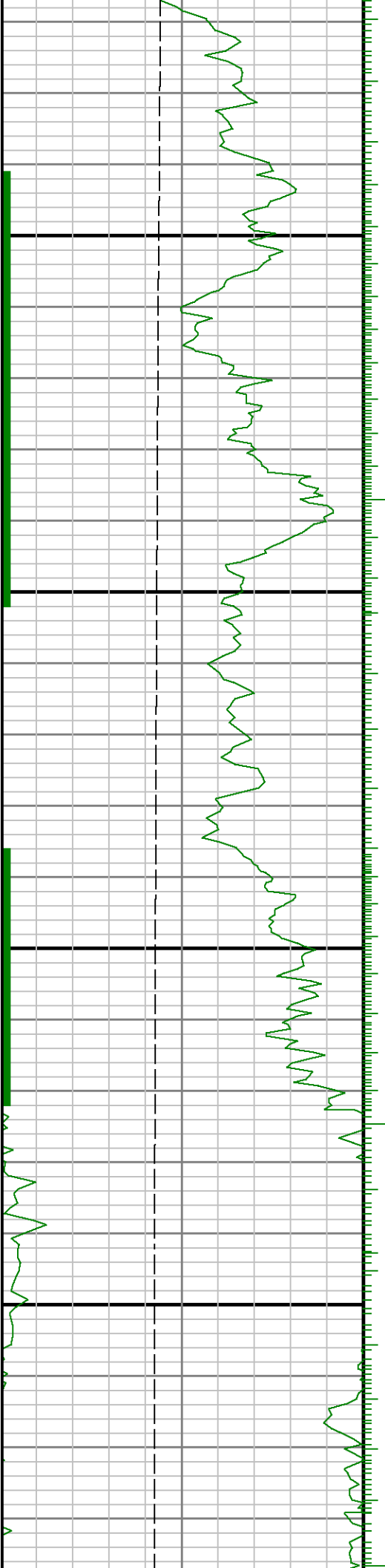


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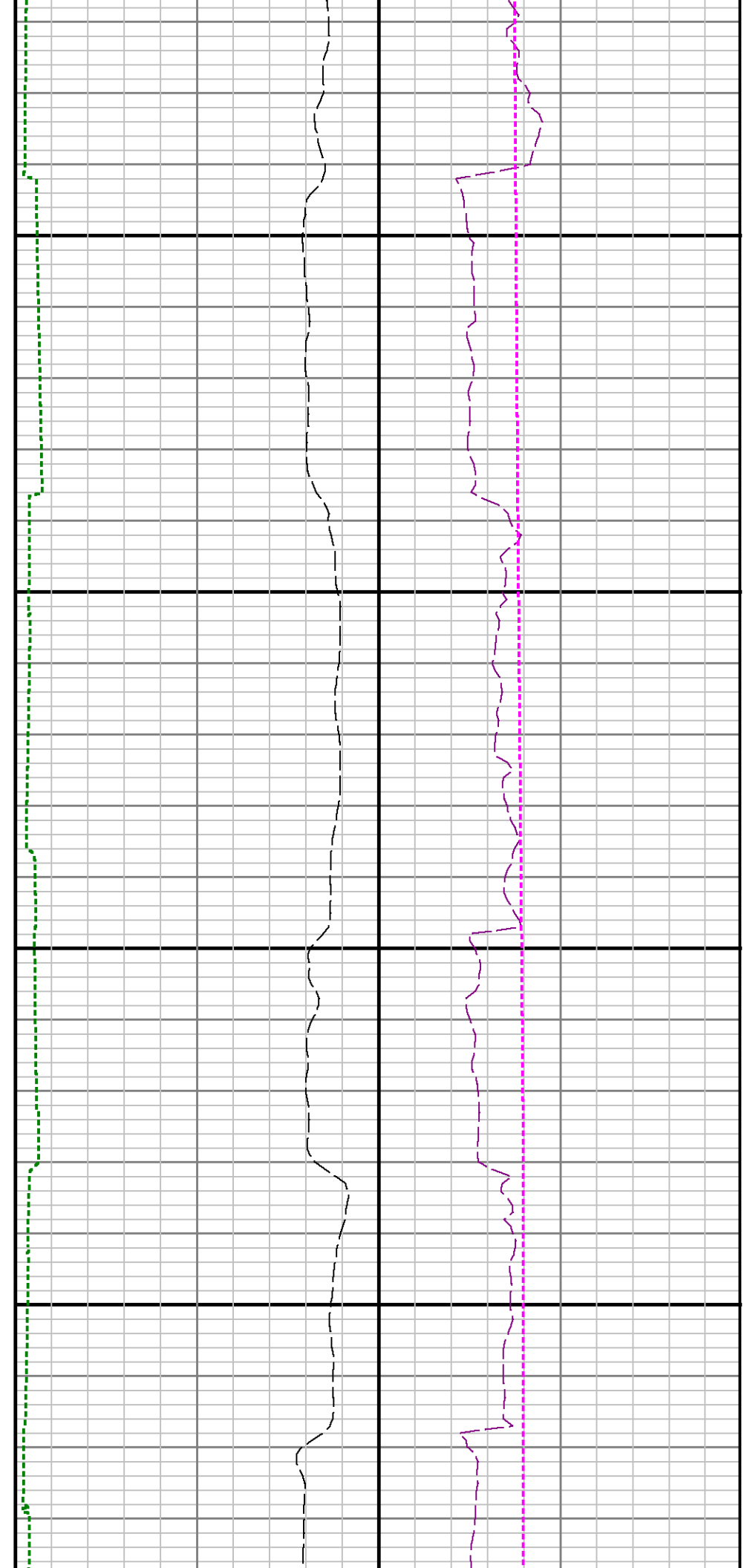


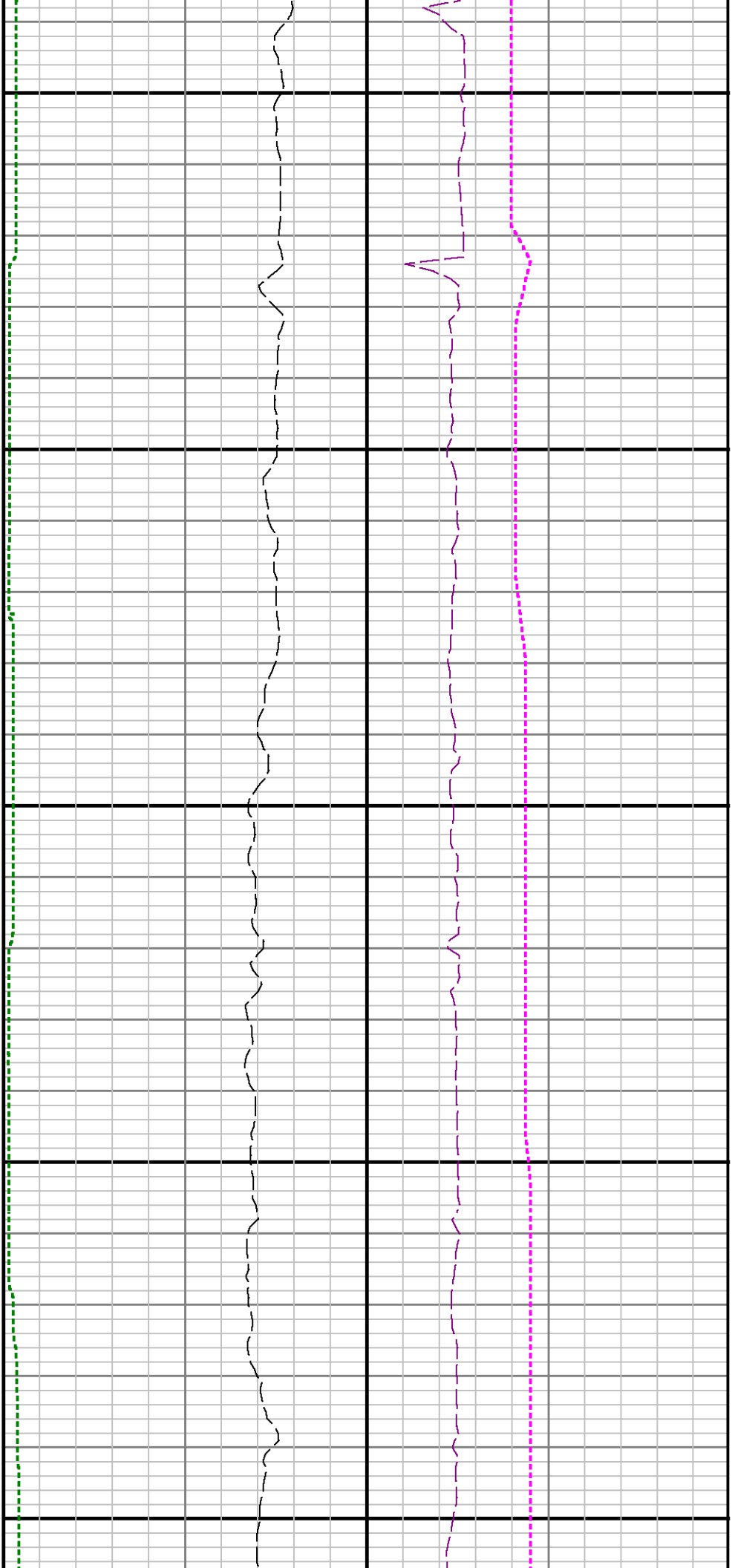




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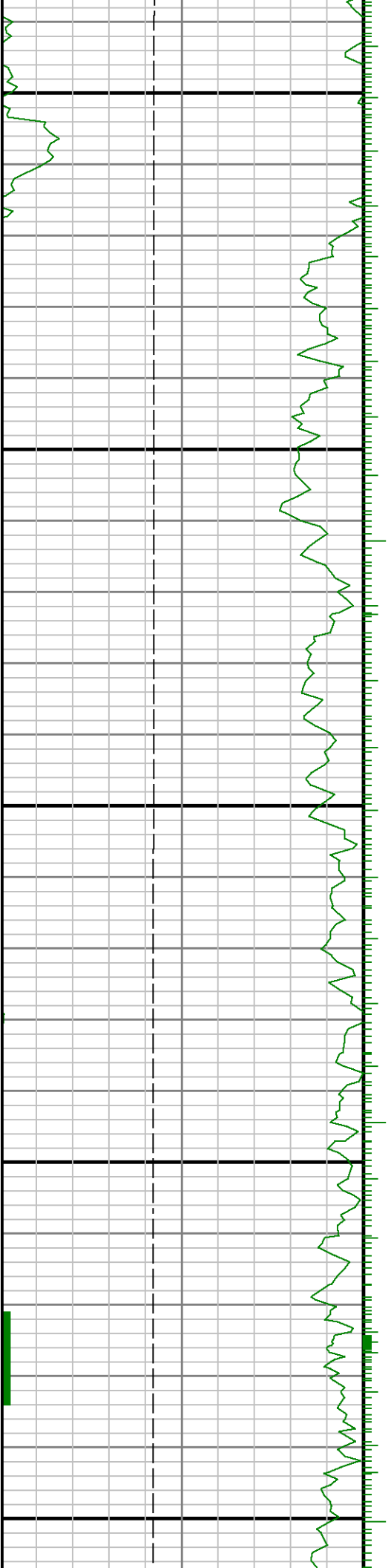
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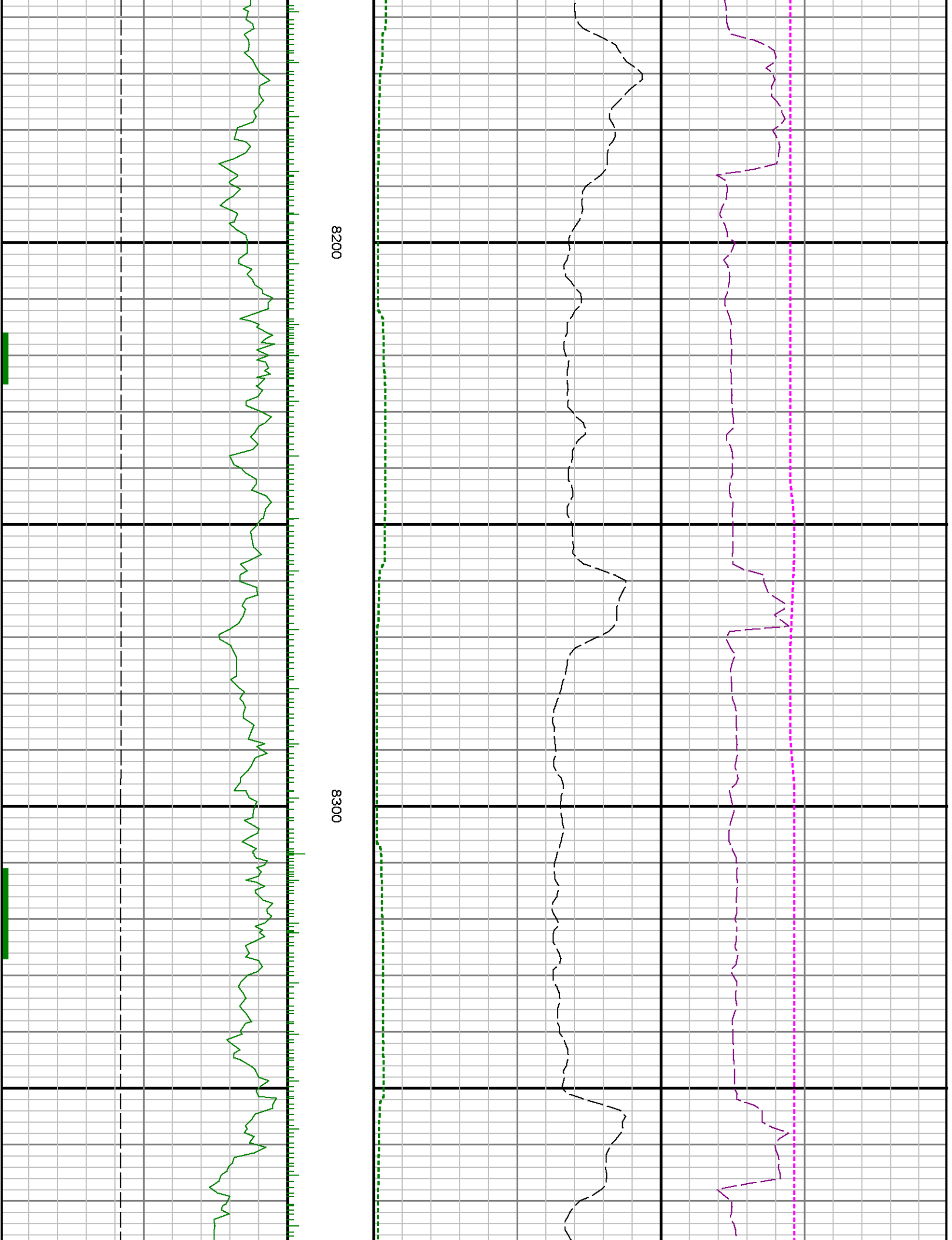


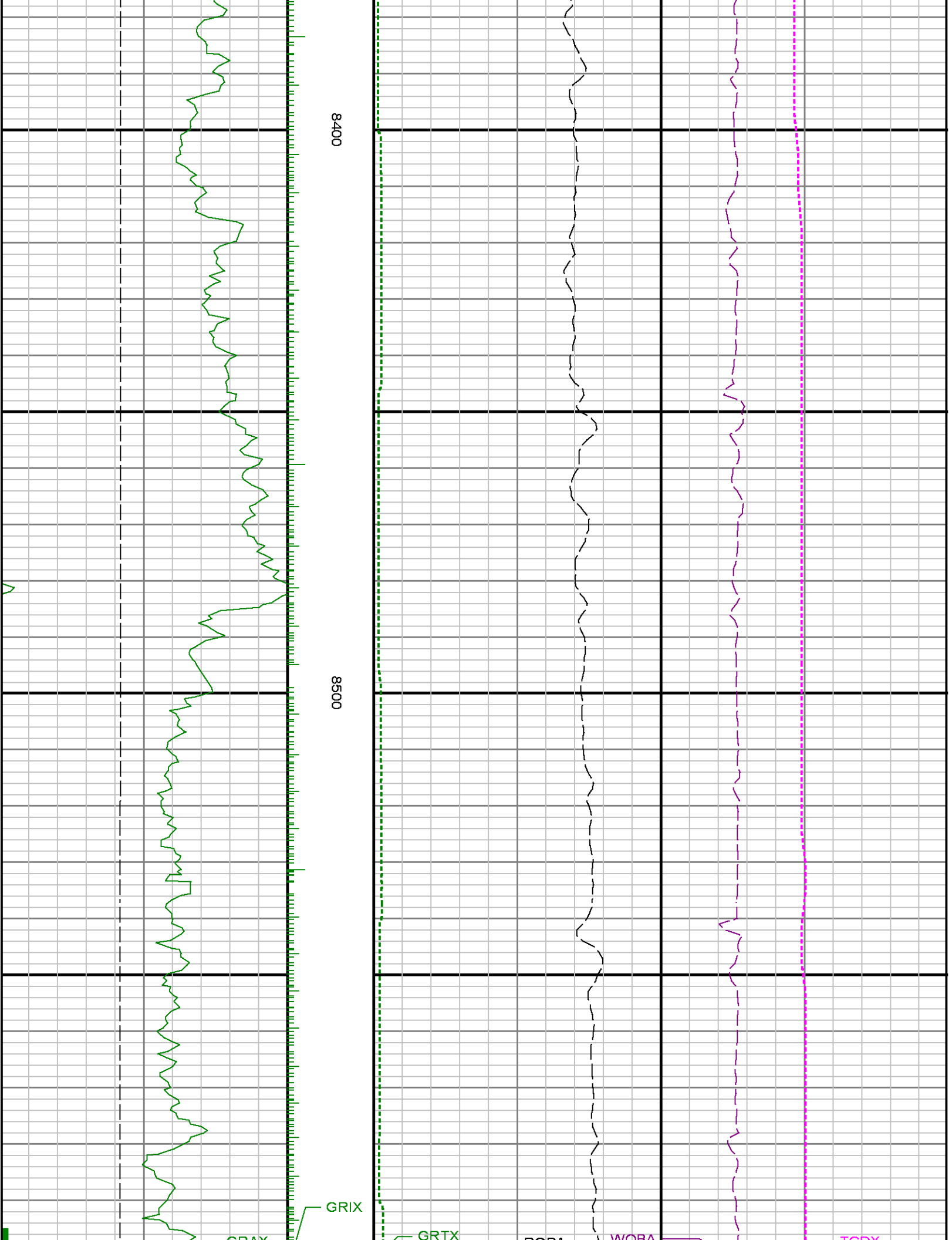


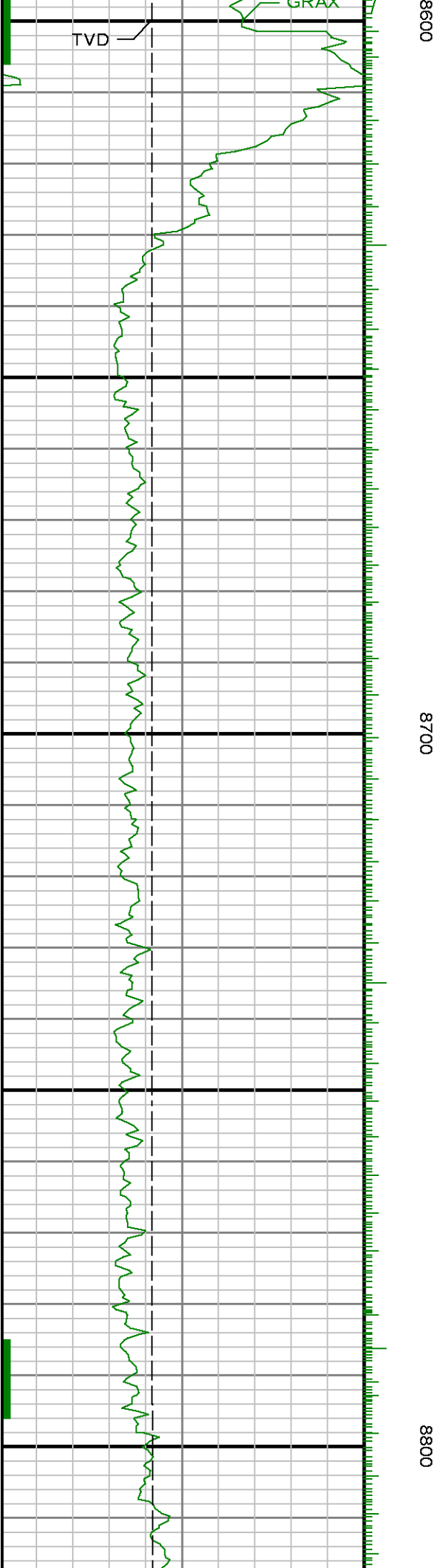
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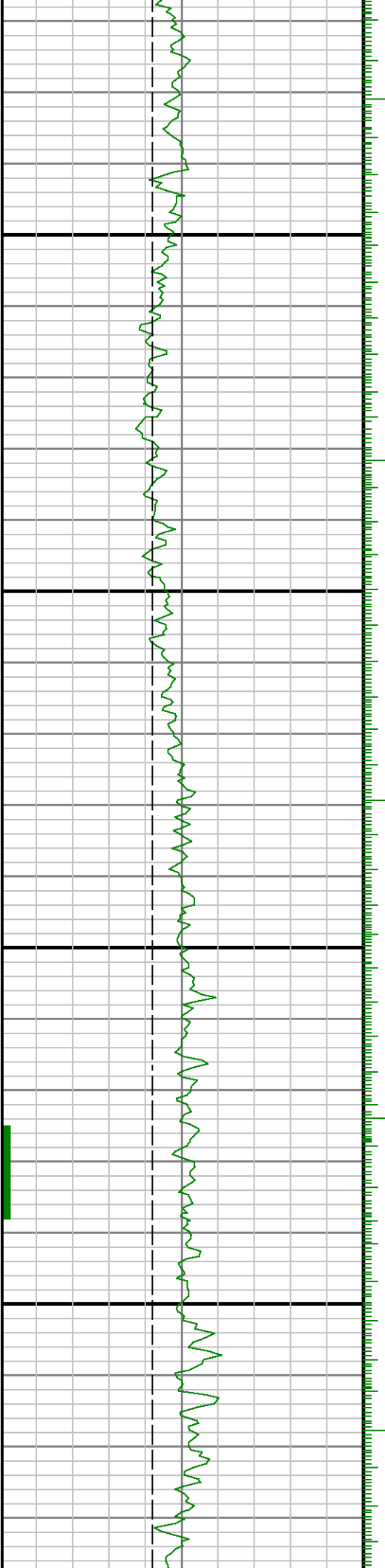
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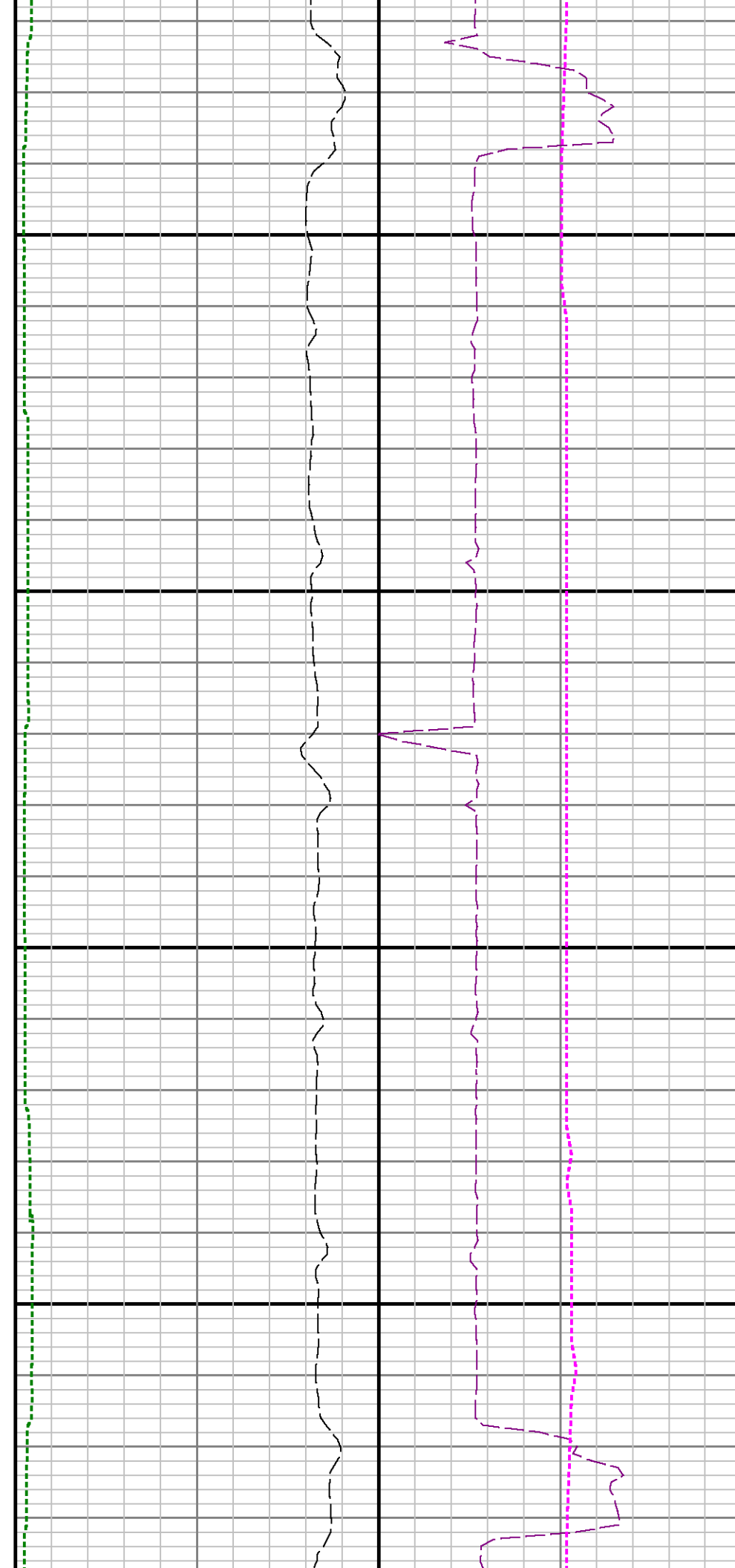


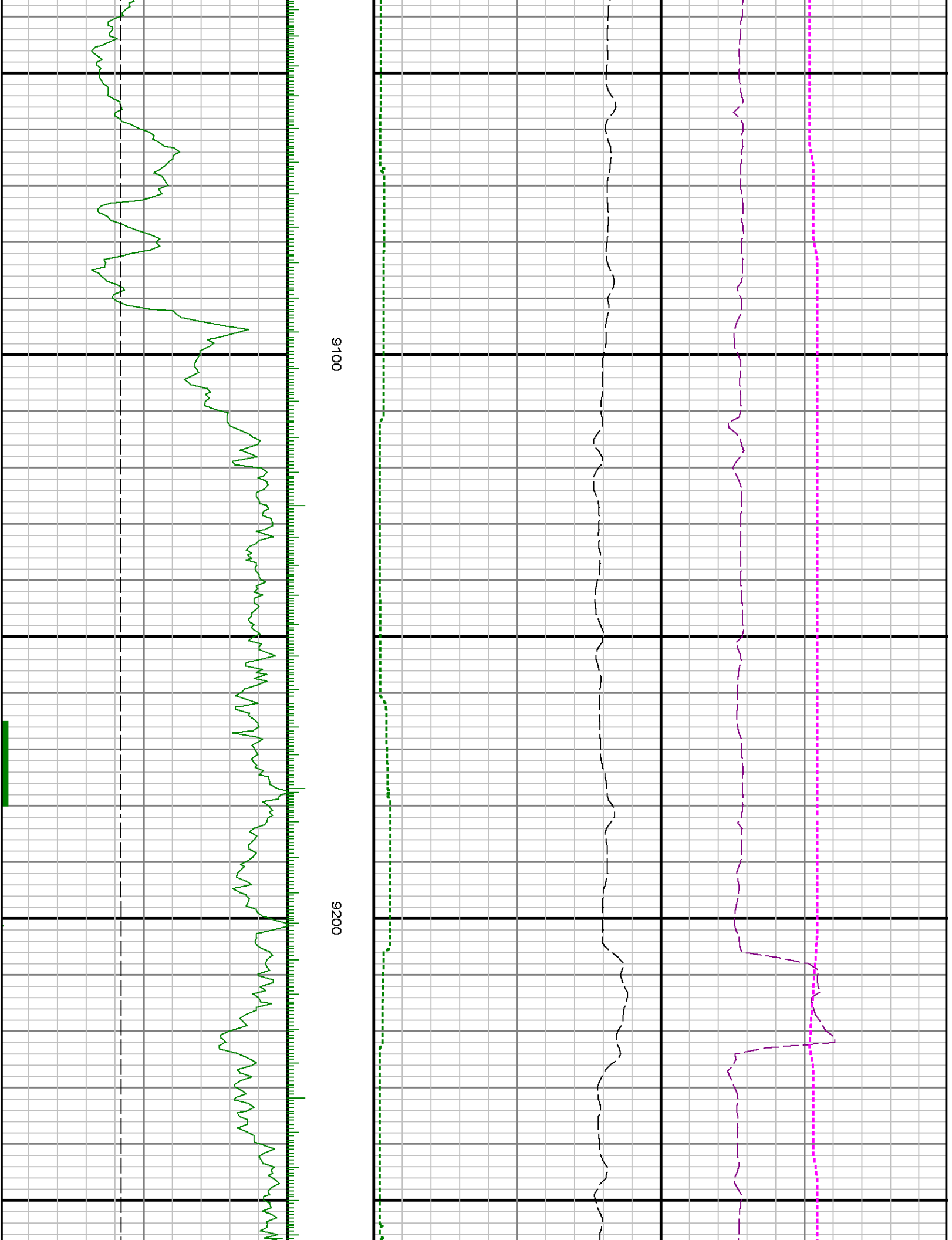


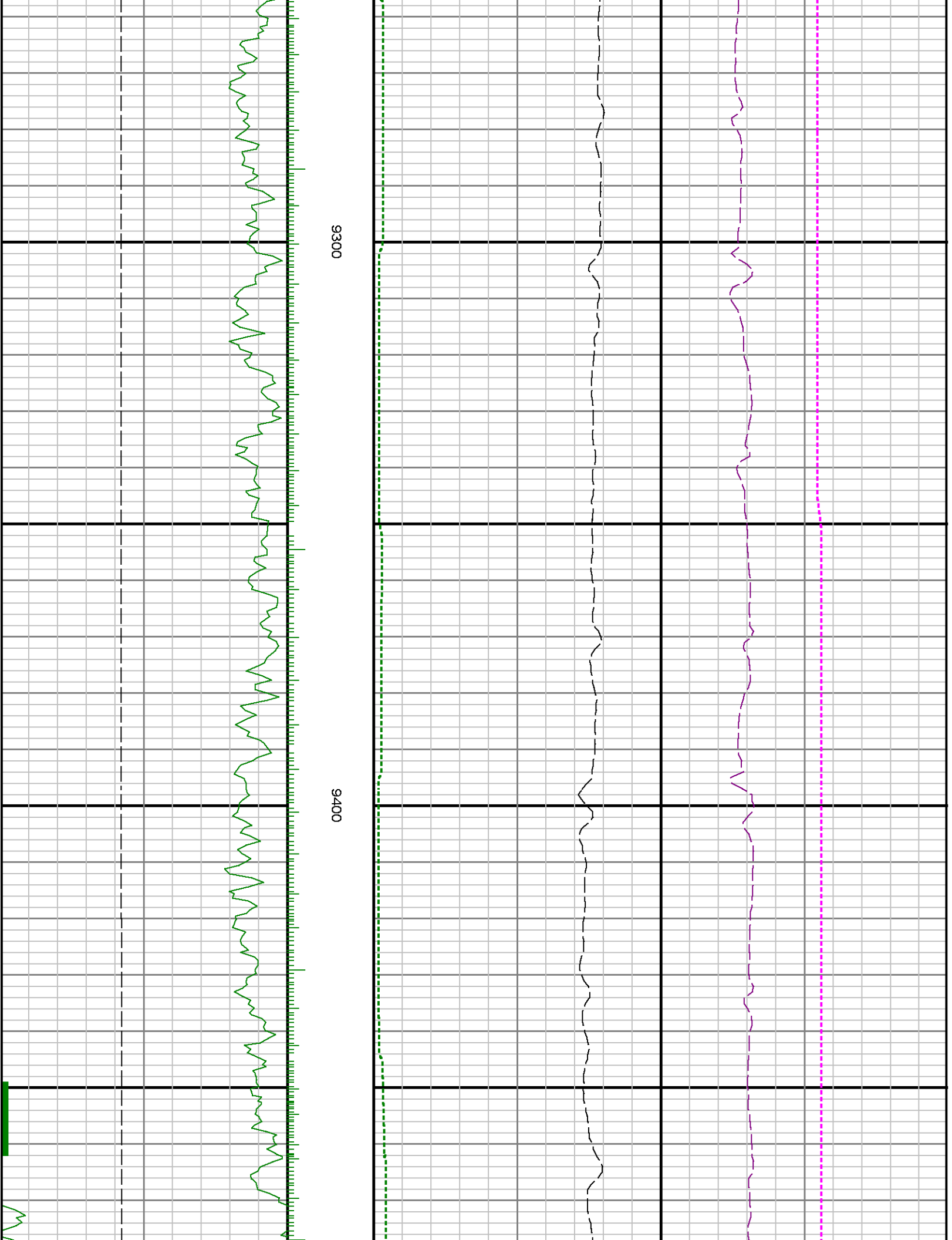


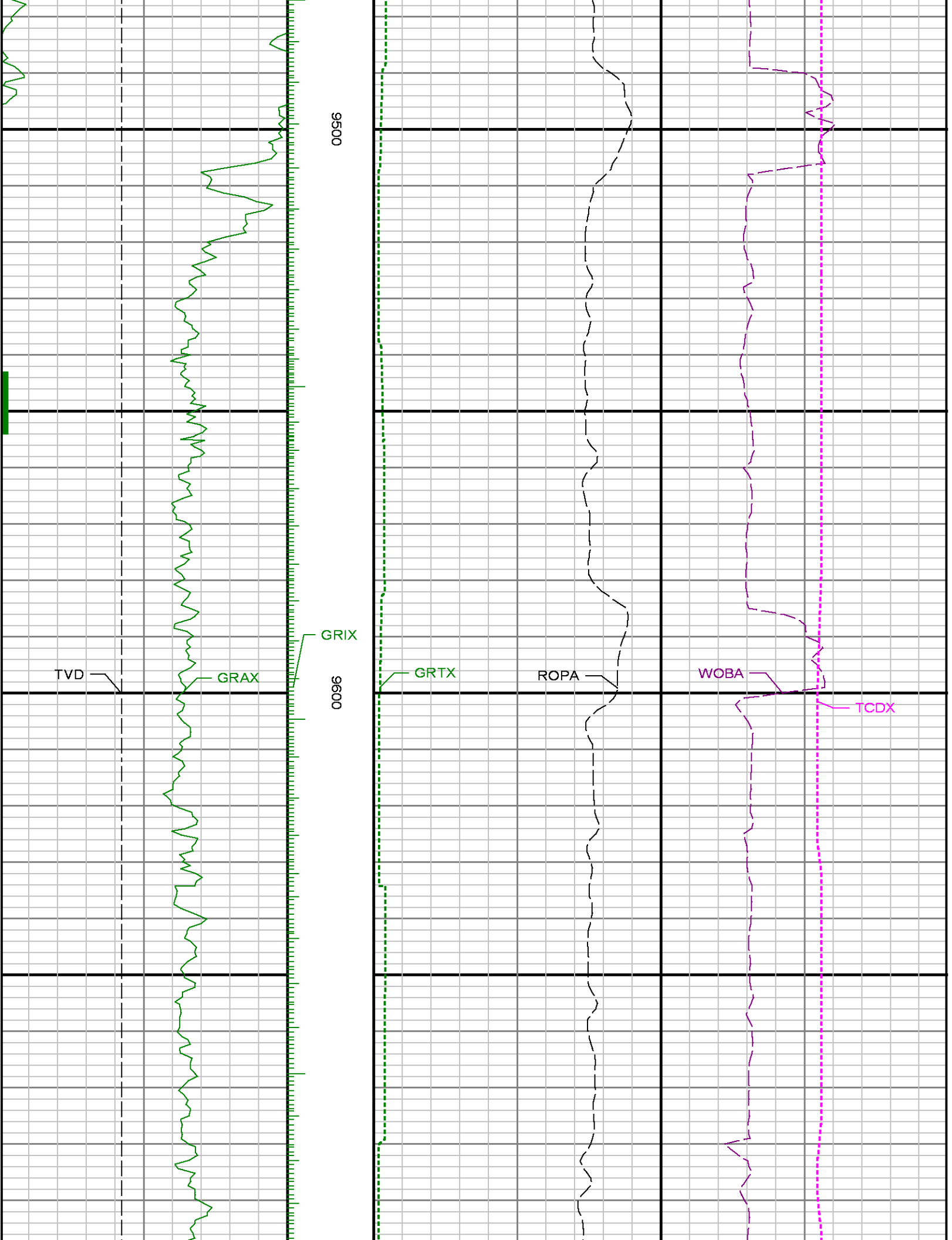
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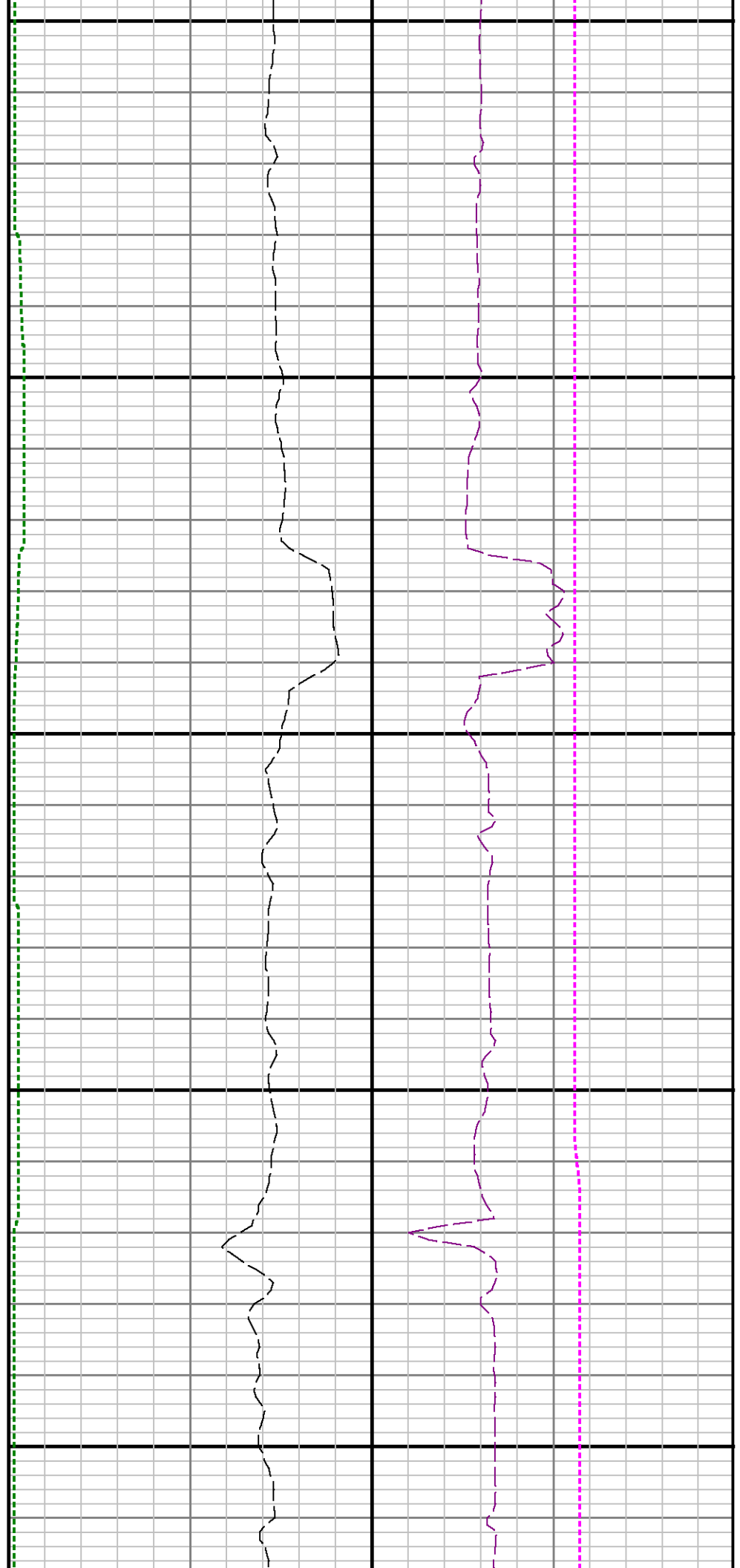
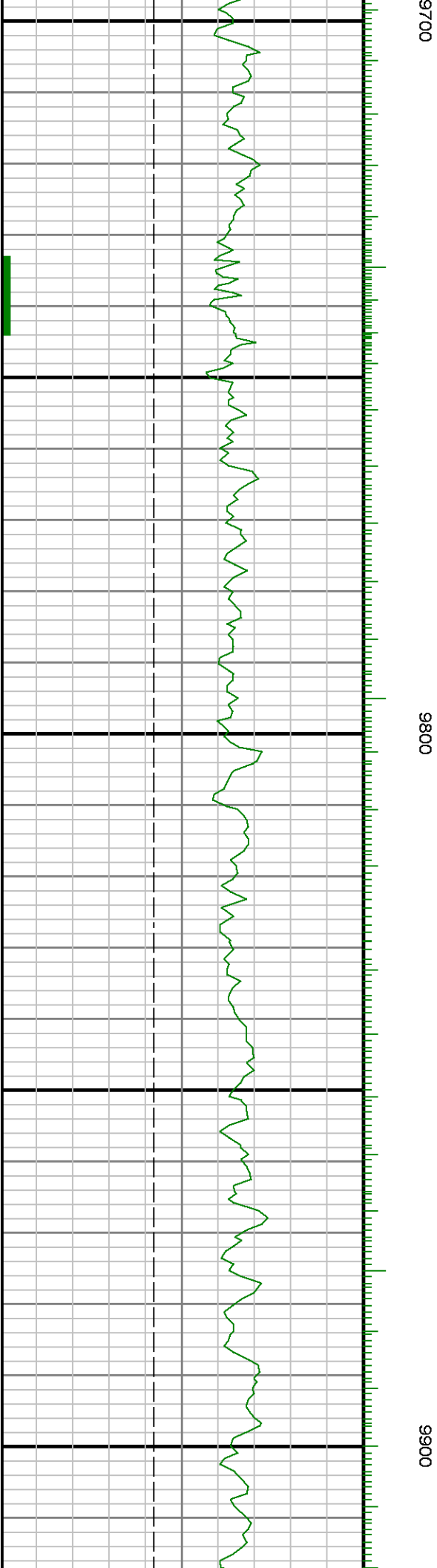
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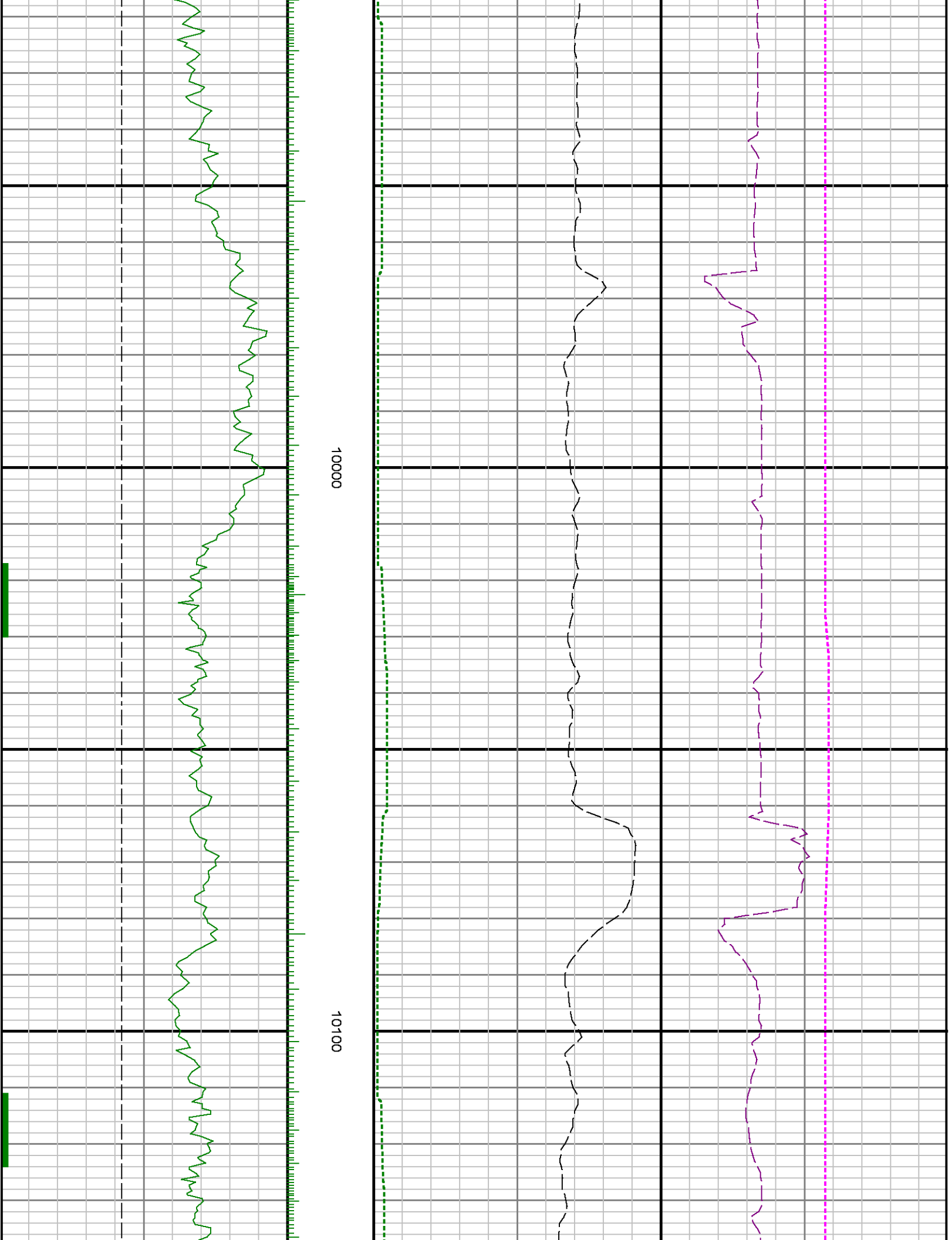


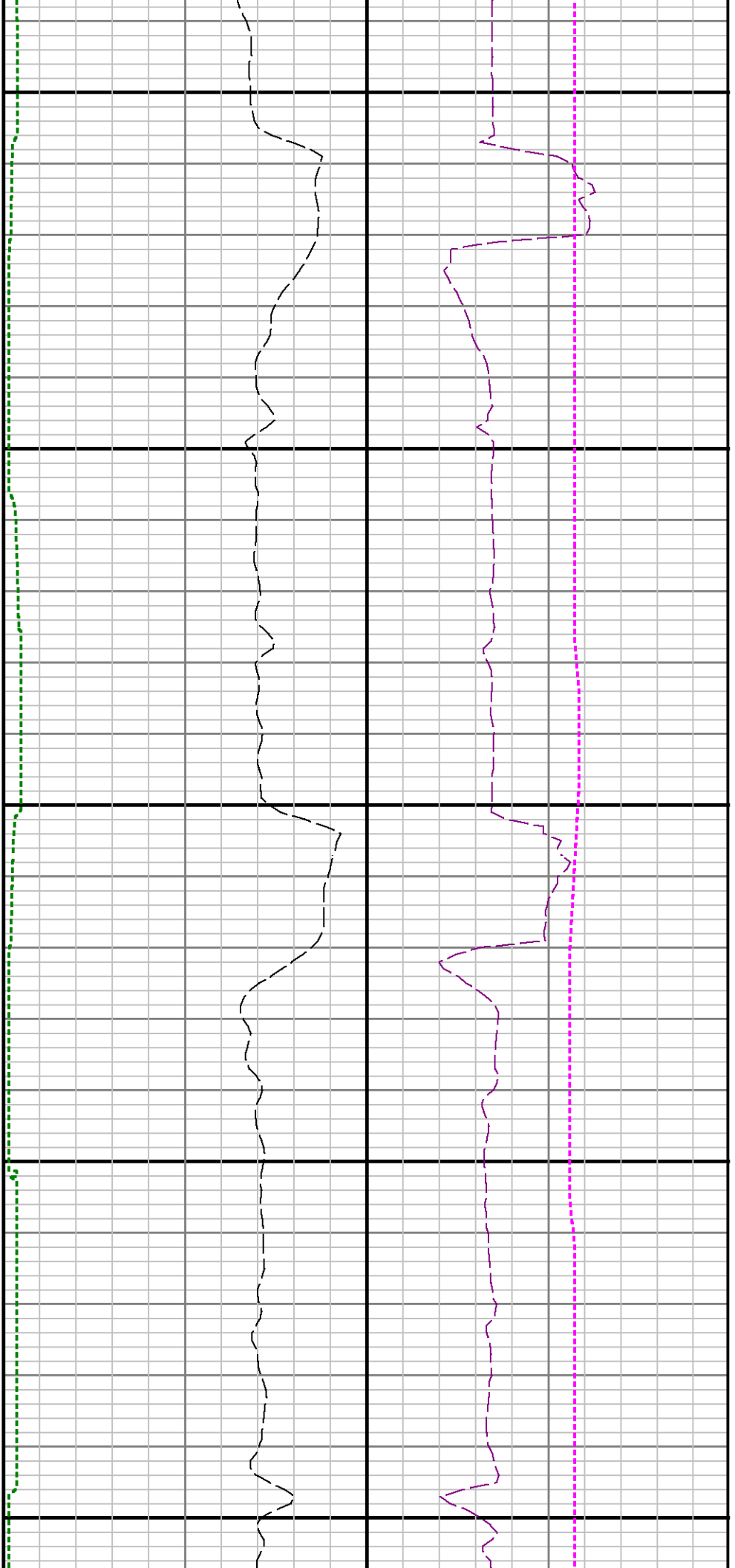






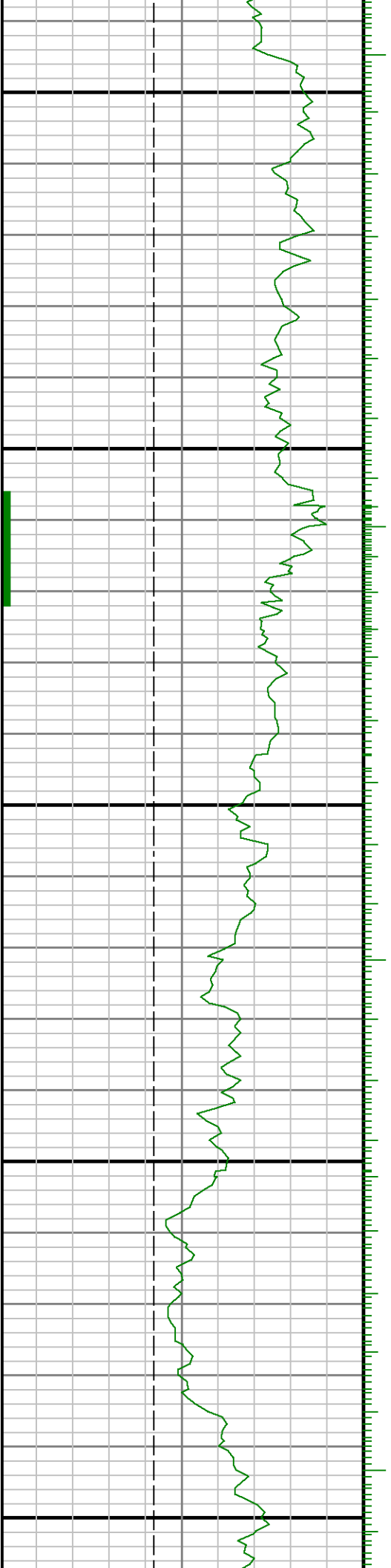


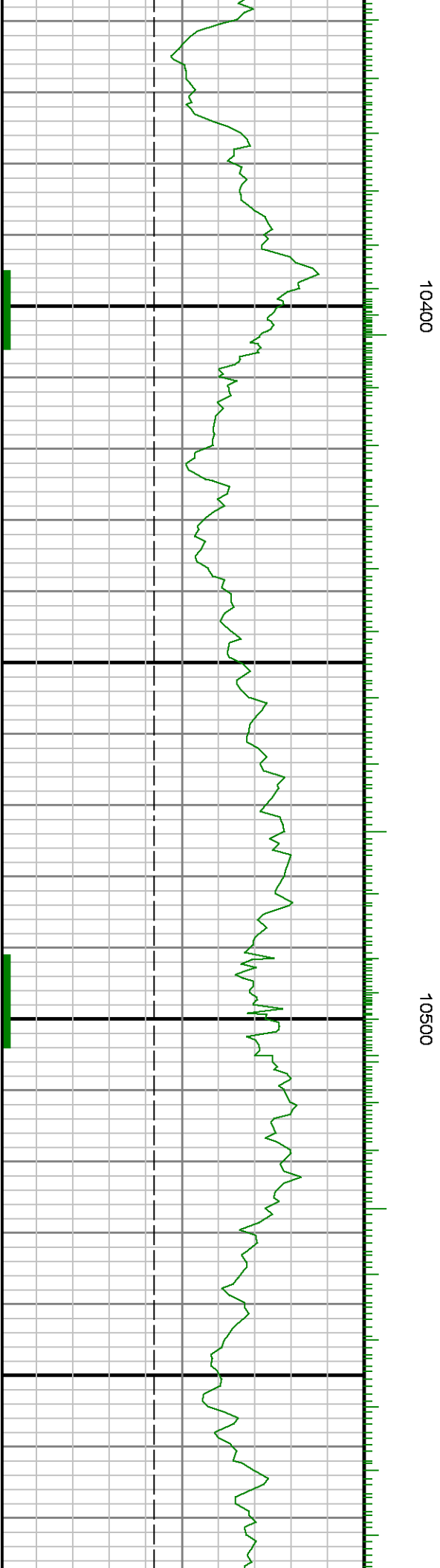
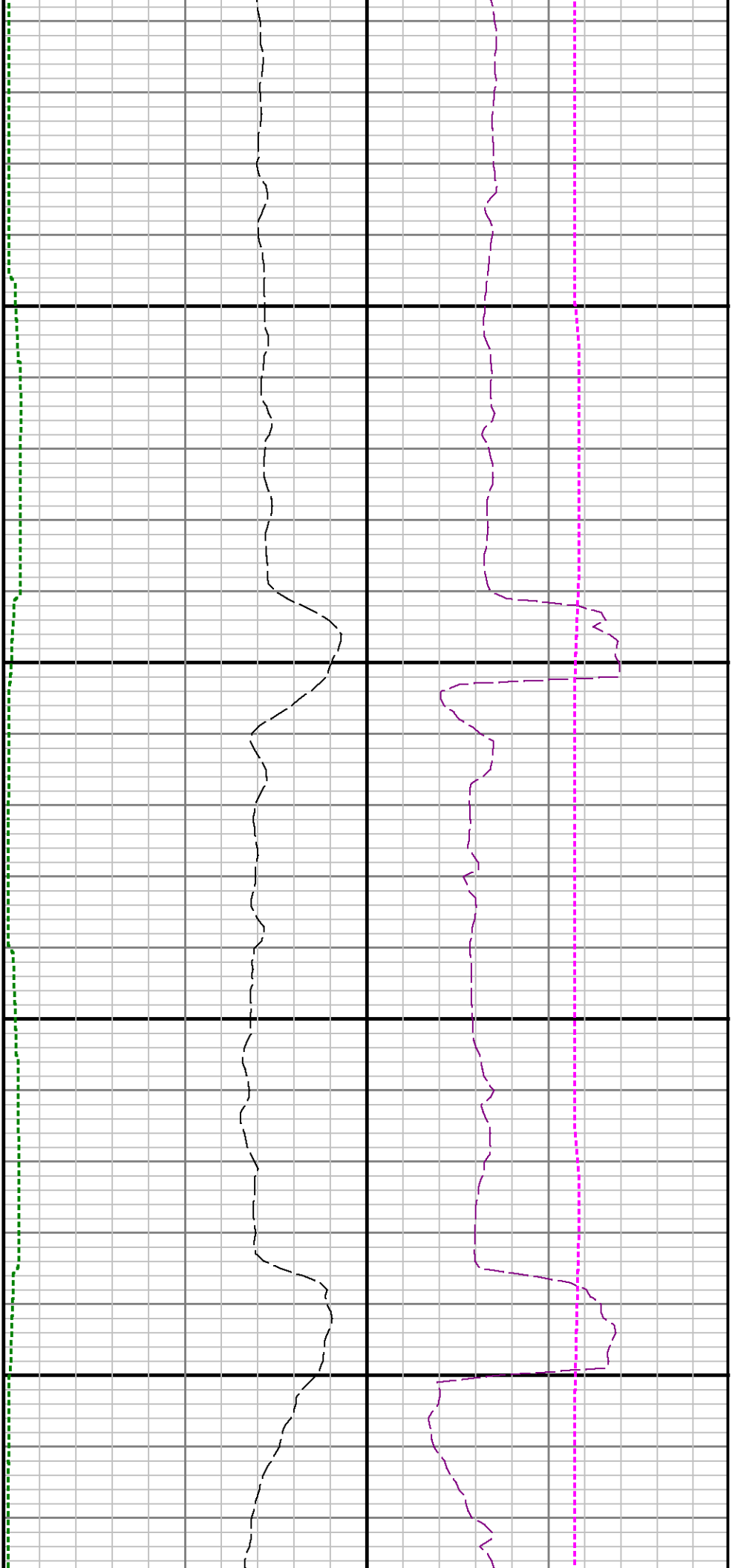


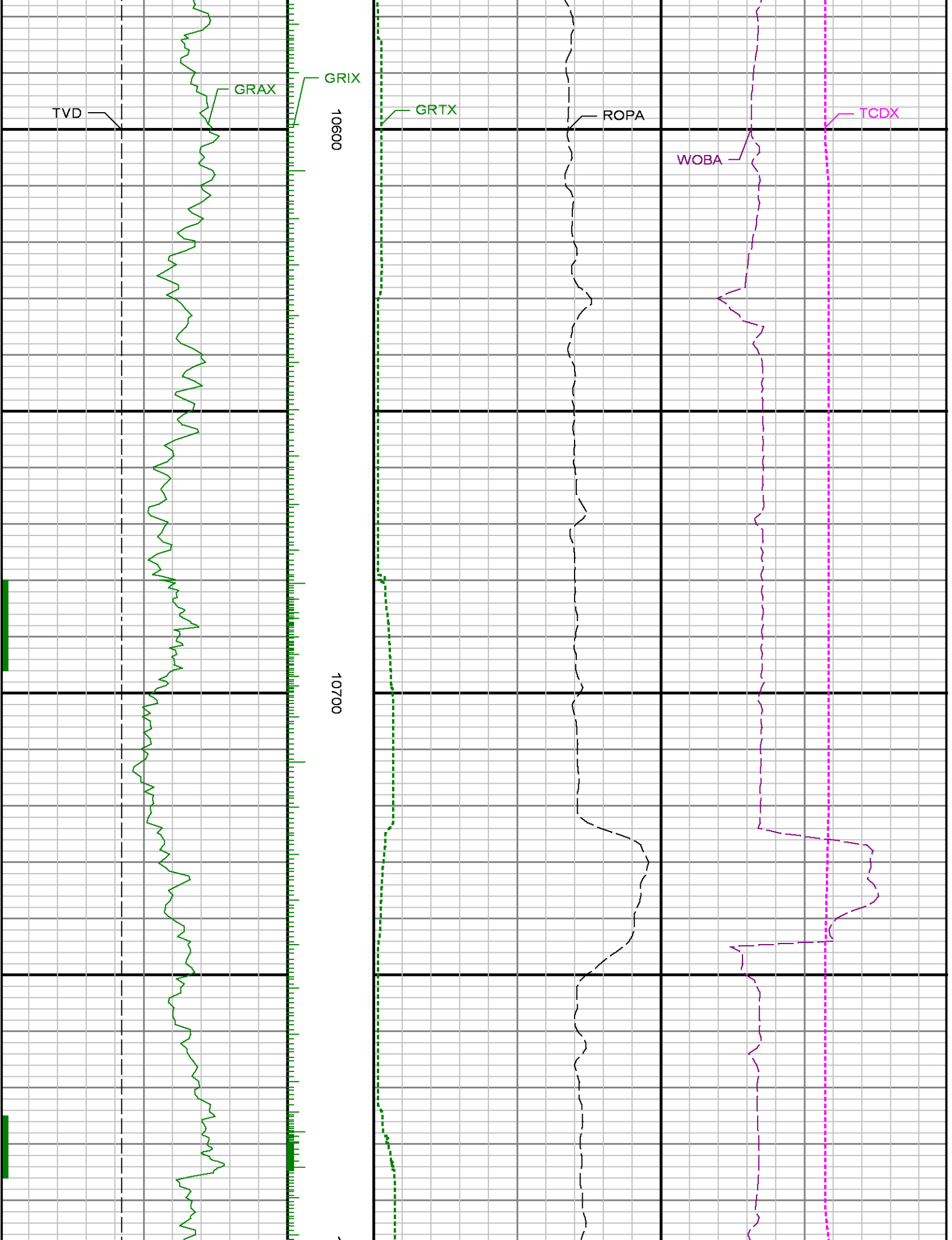


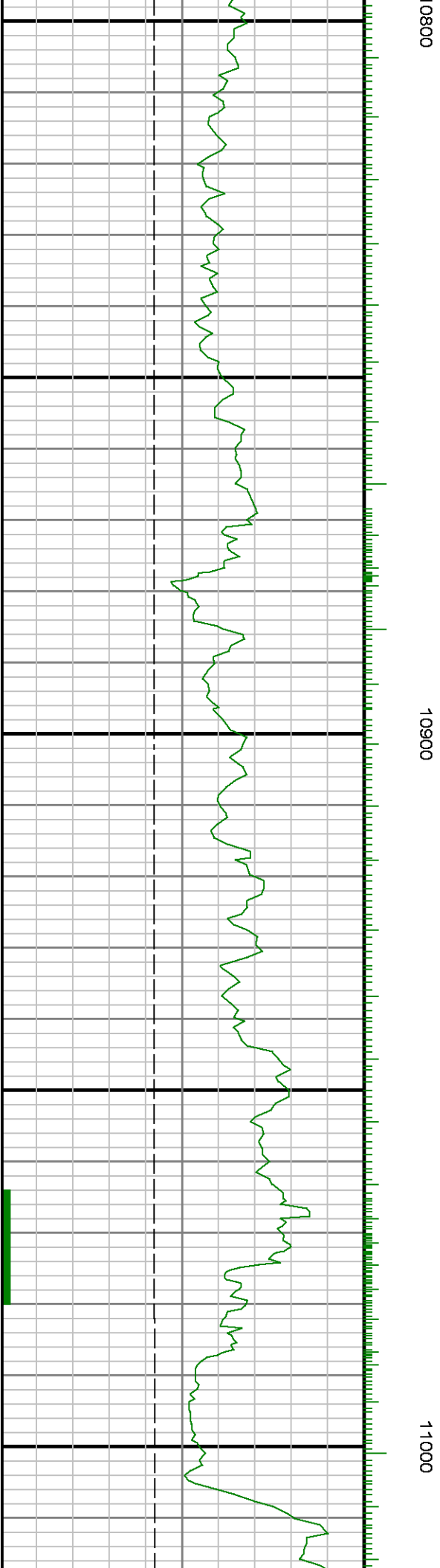
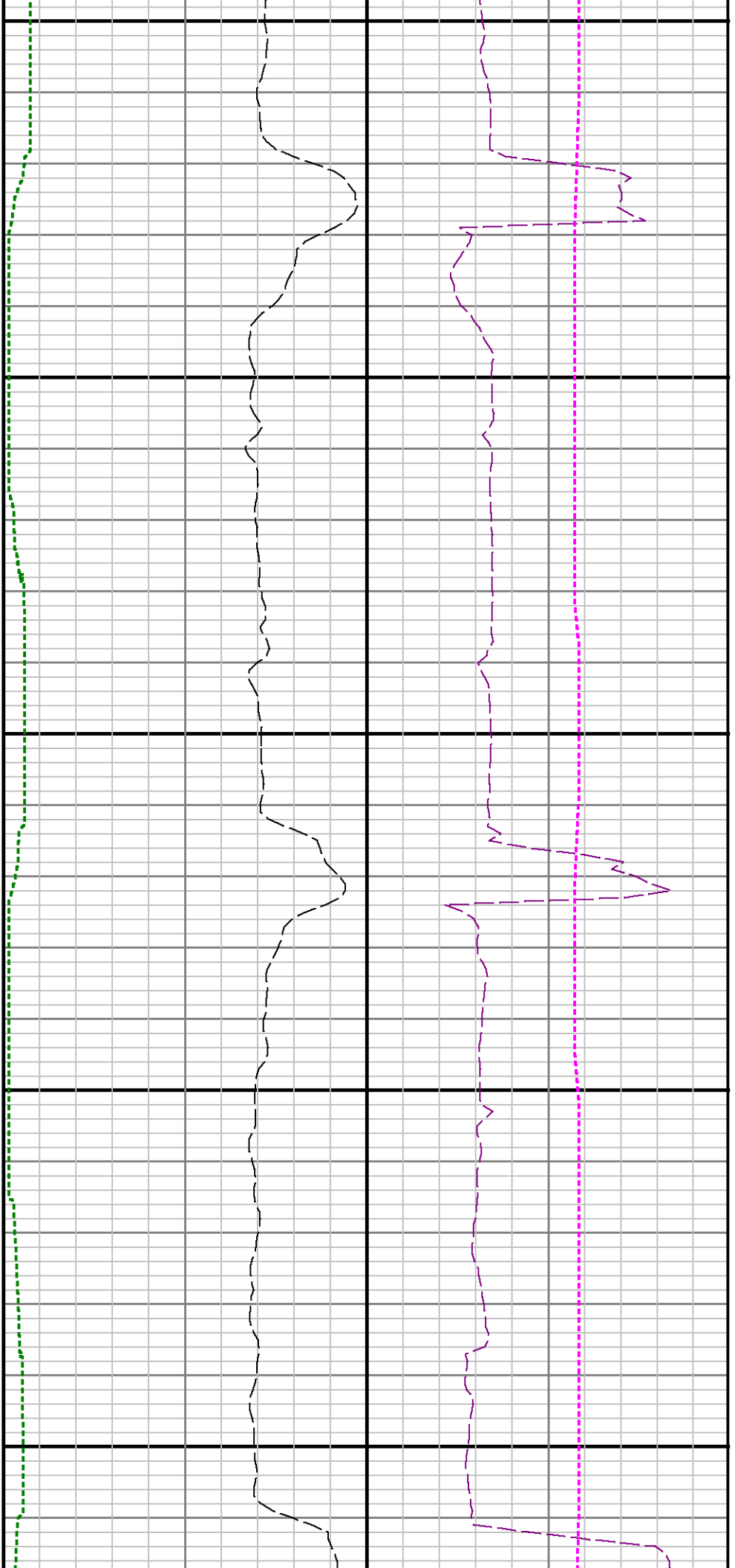
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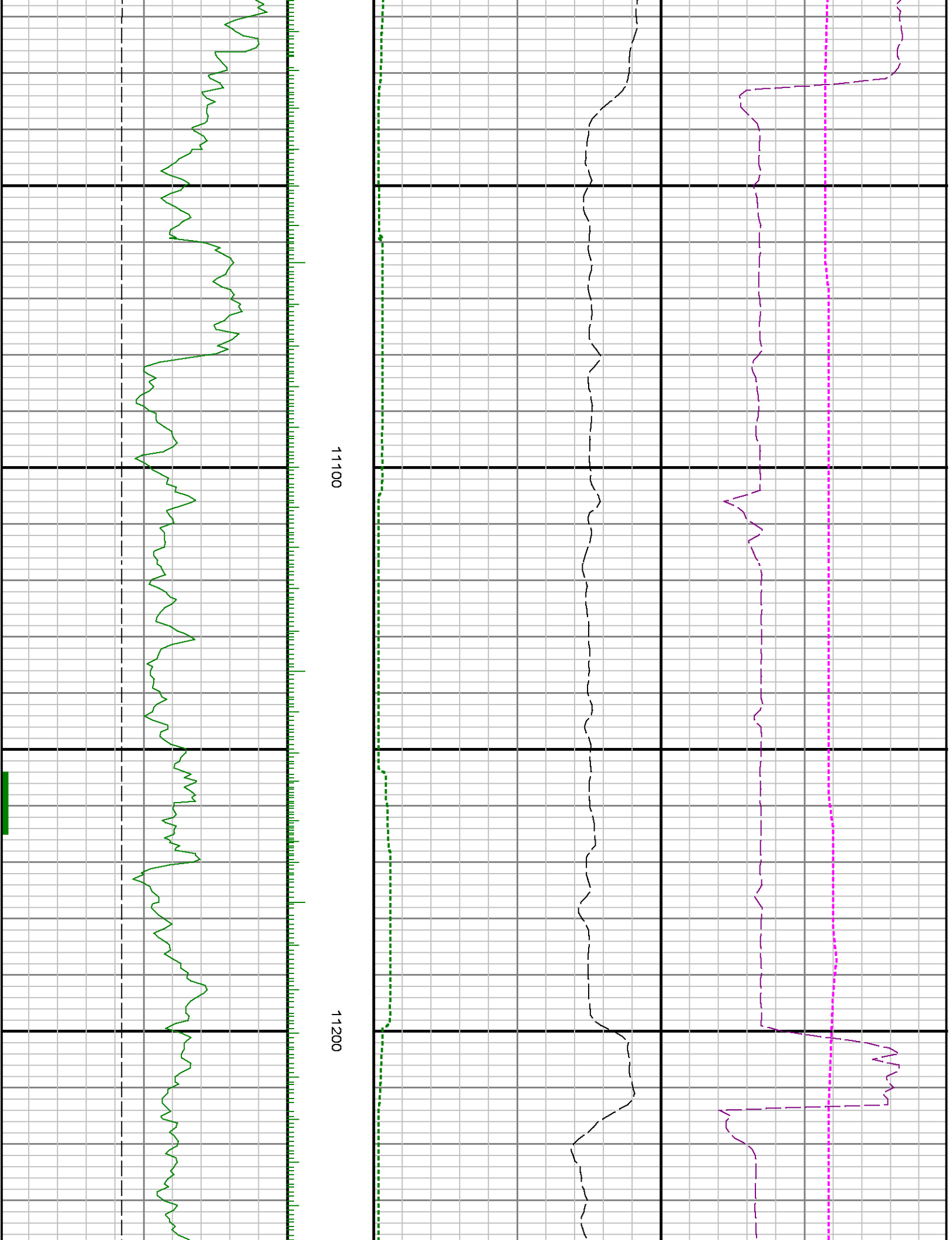
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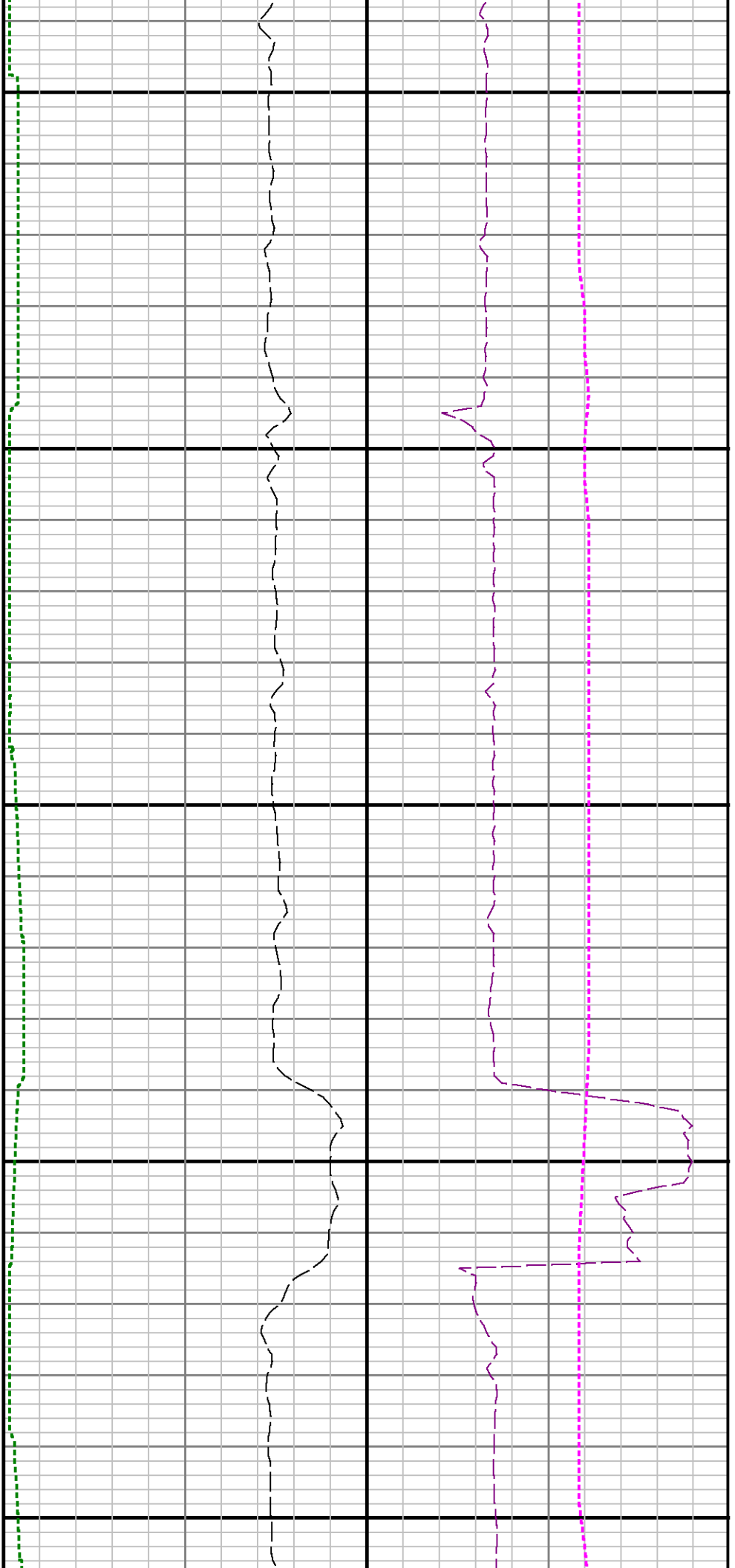






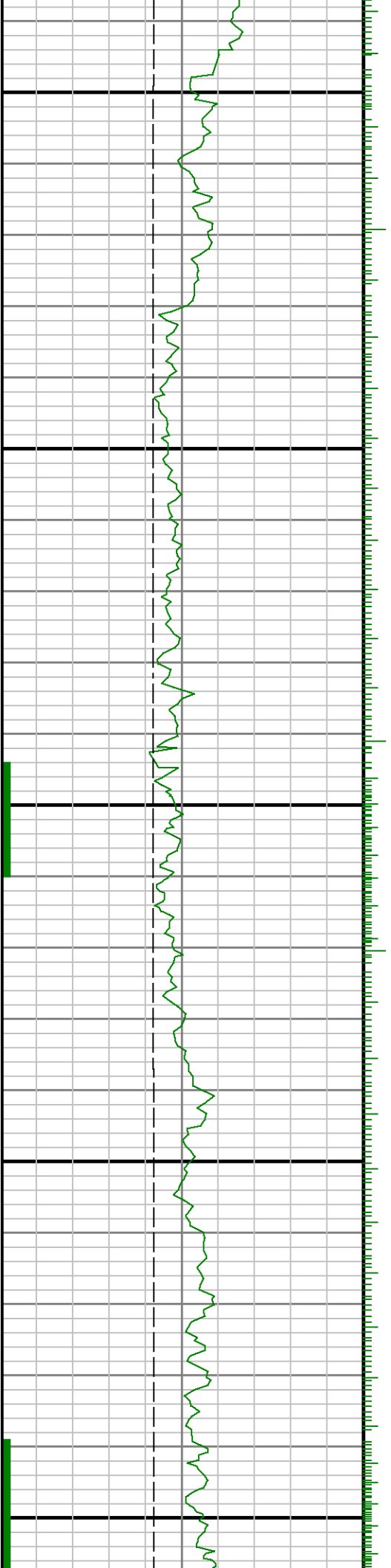


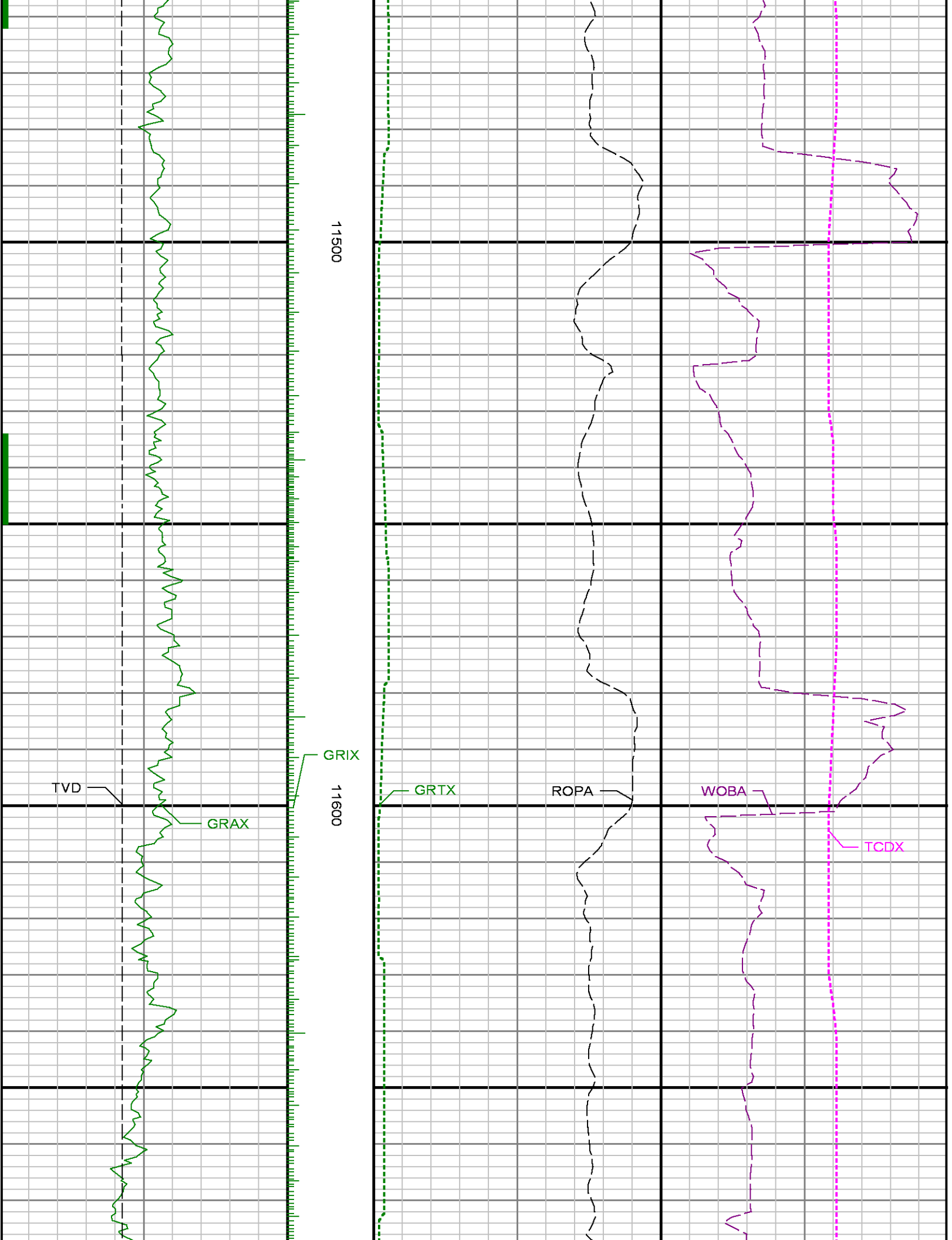


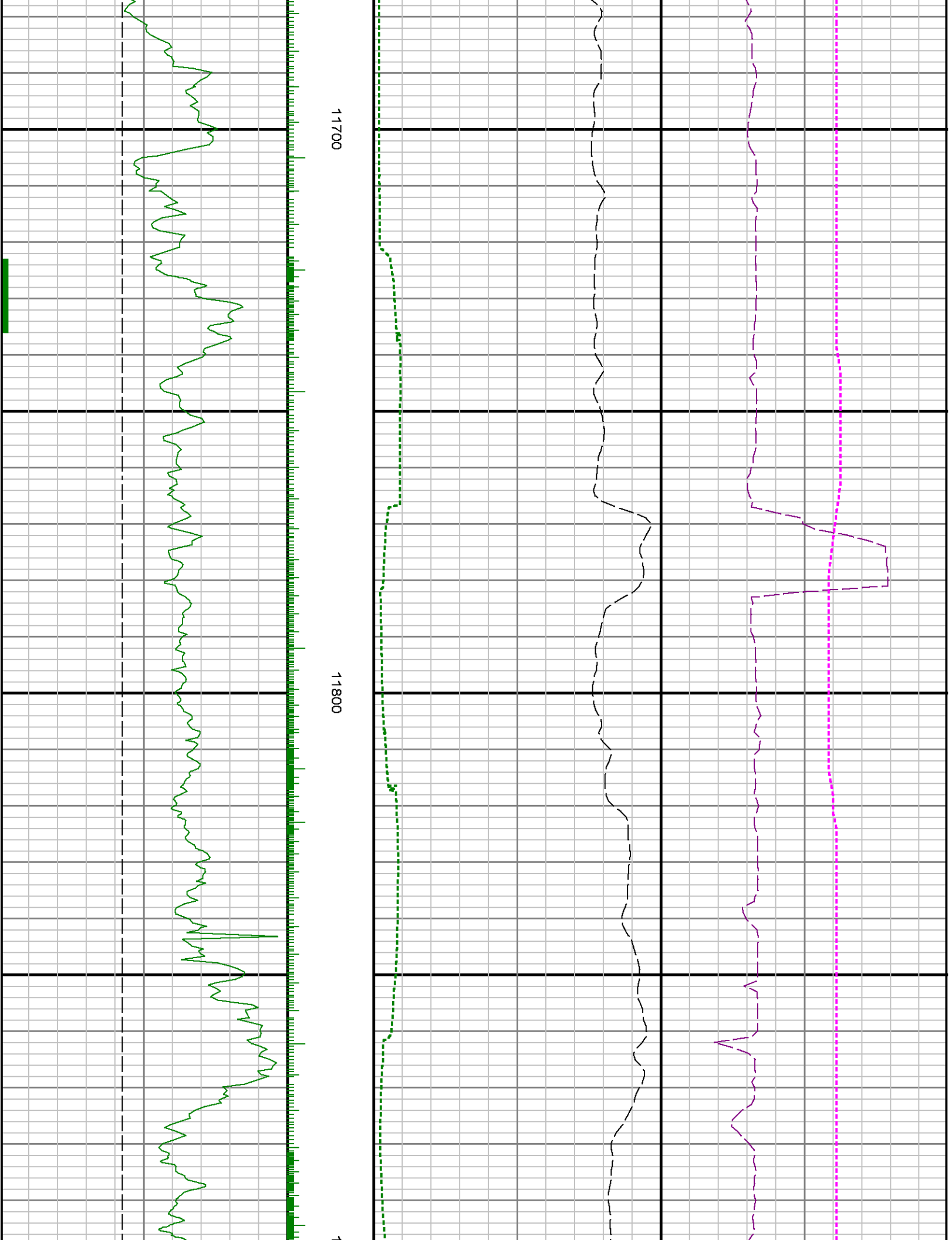


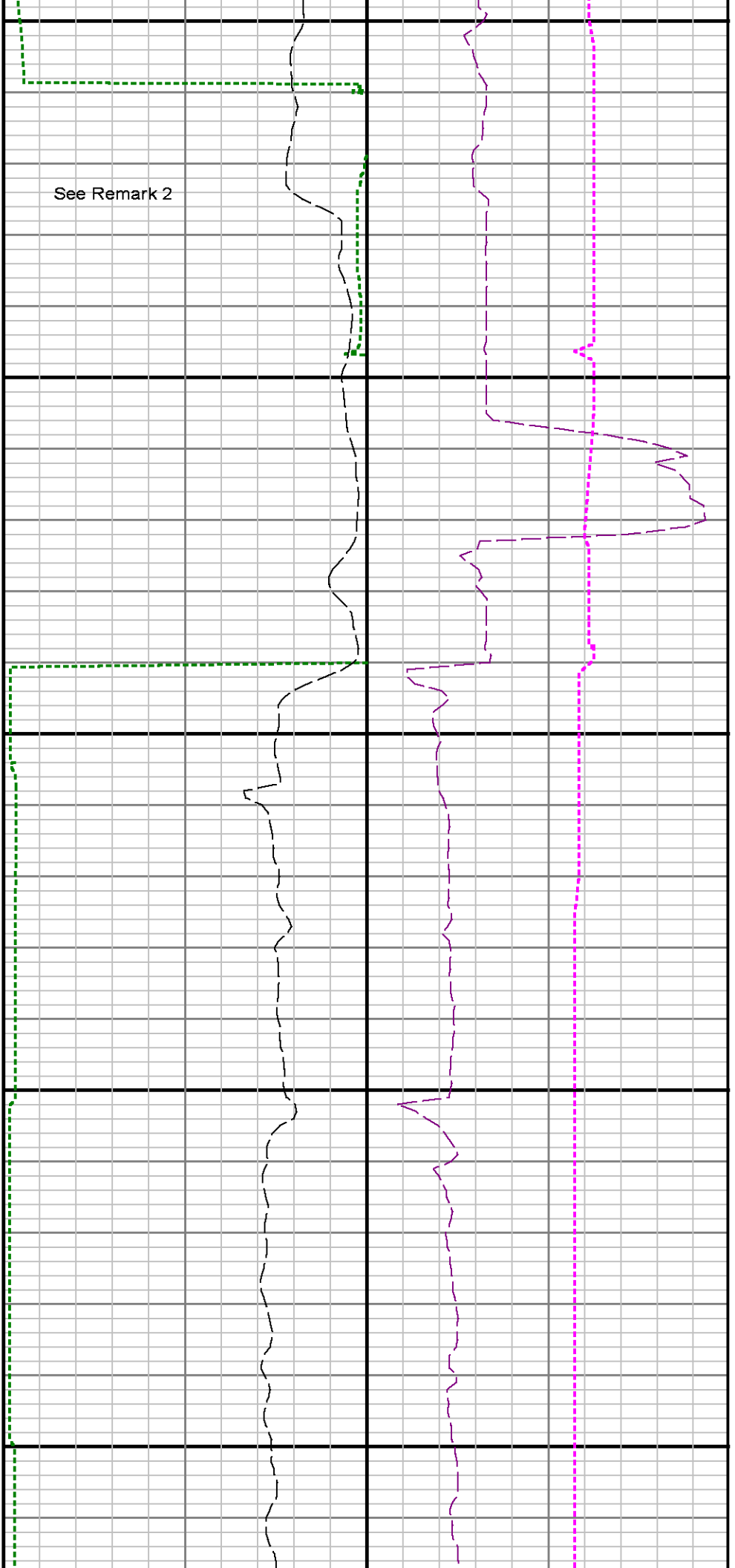
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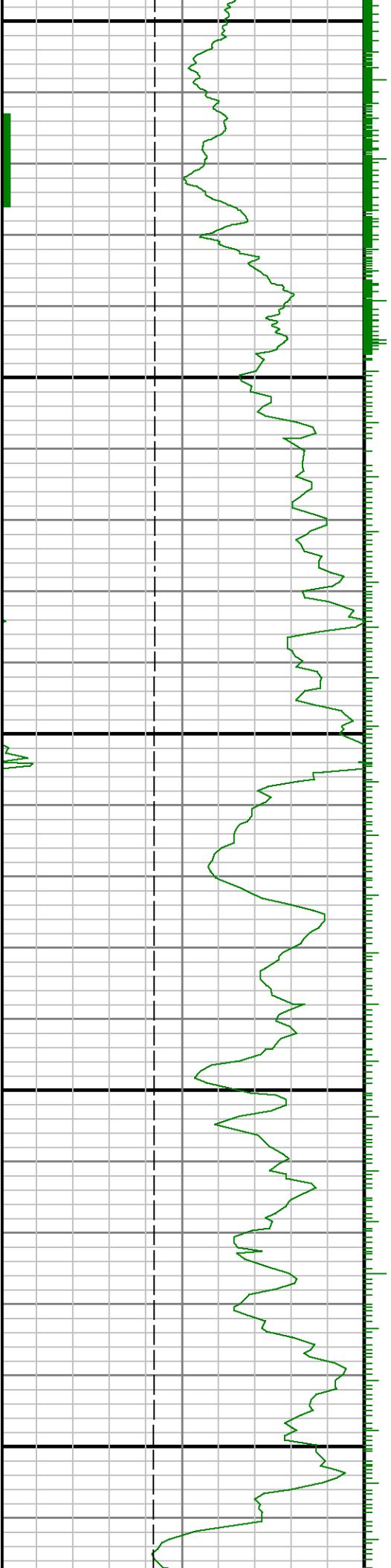


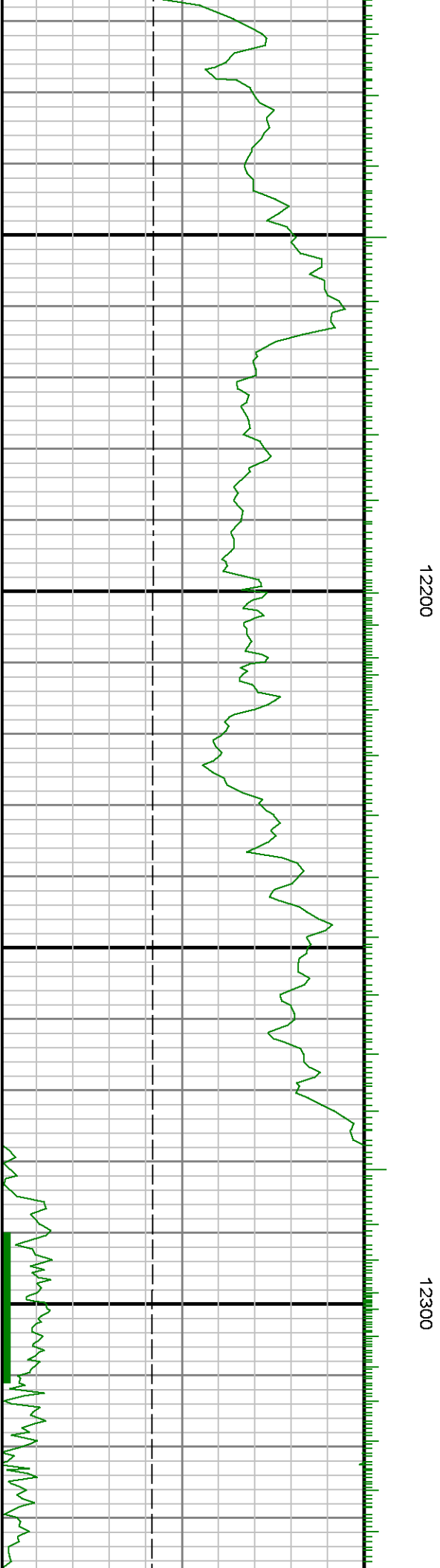
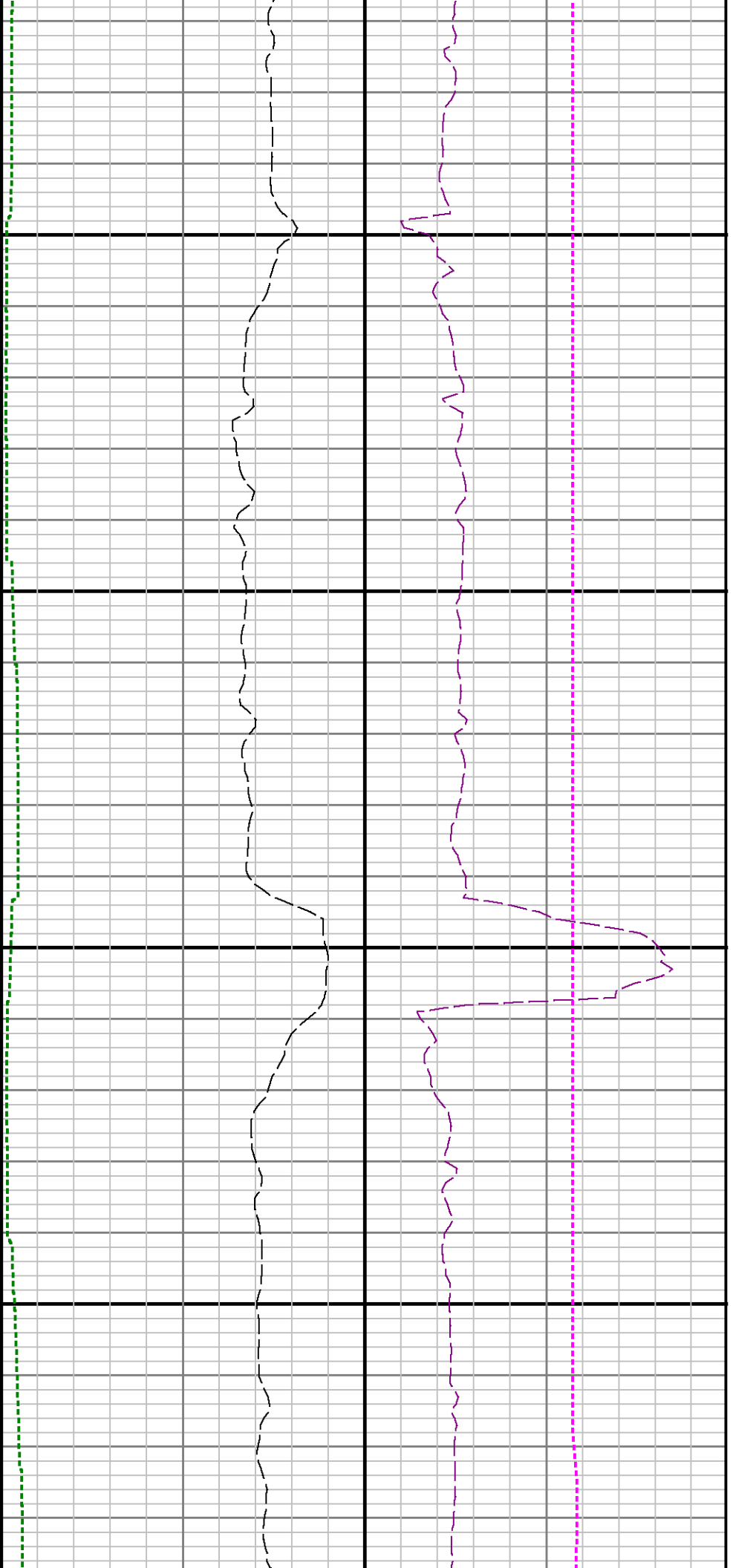
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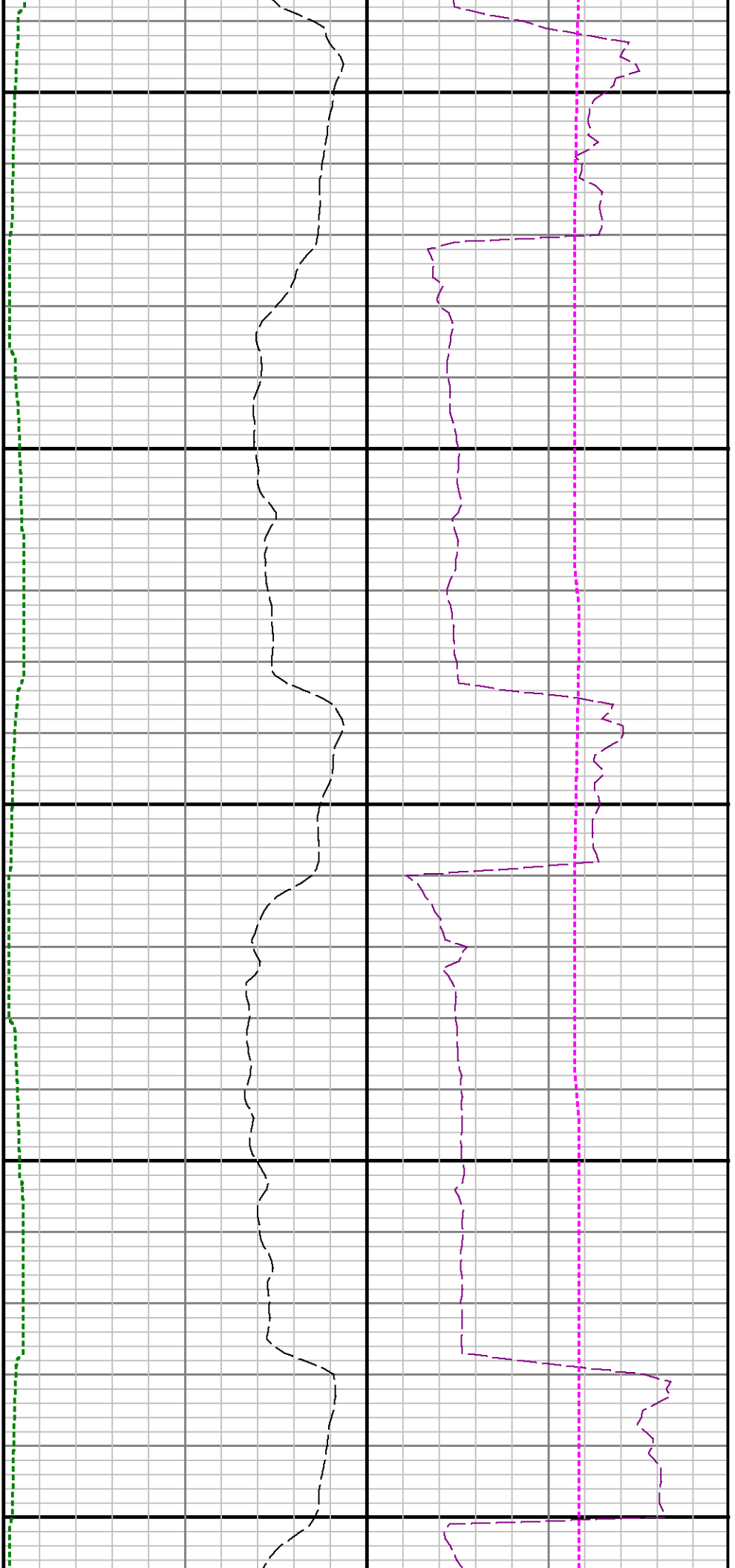
Run 1 <> Run 2

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12100

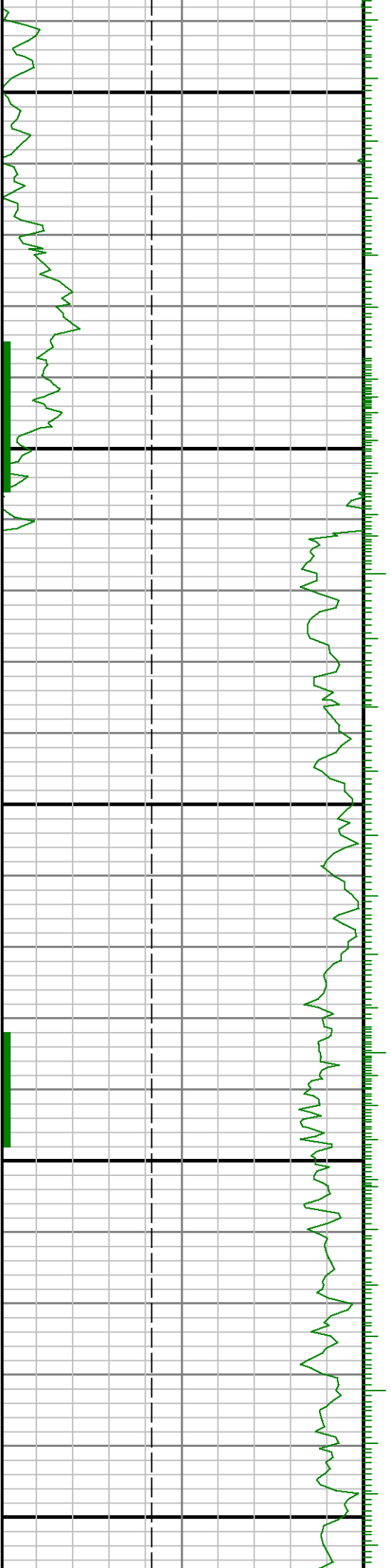


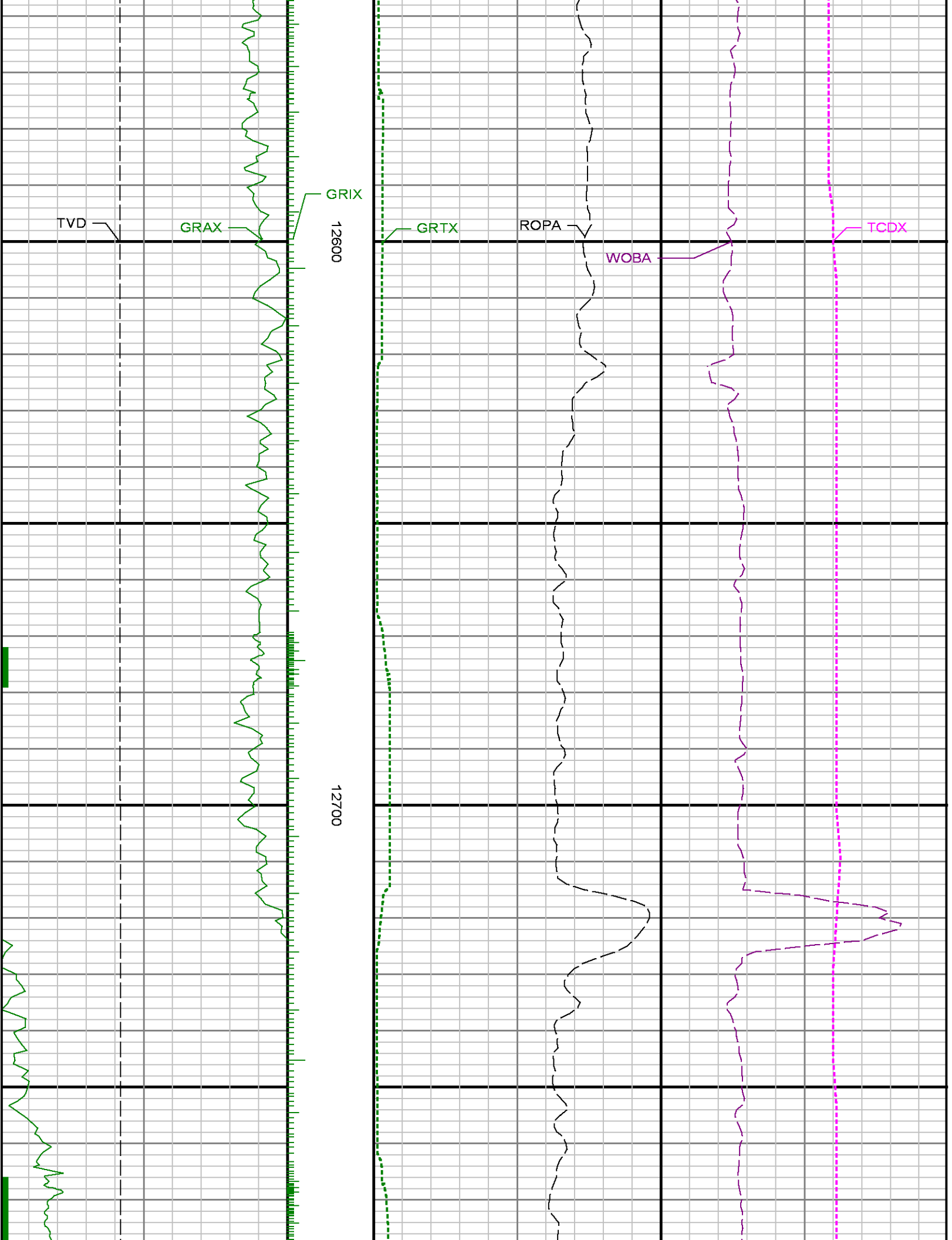


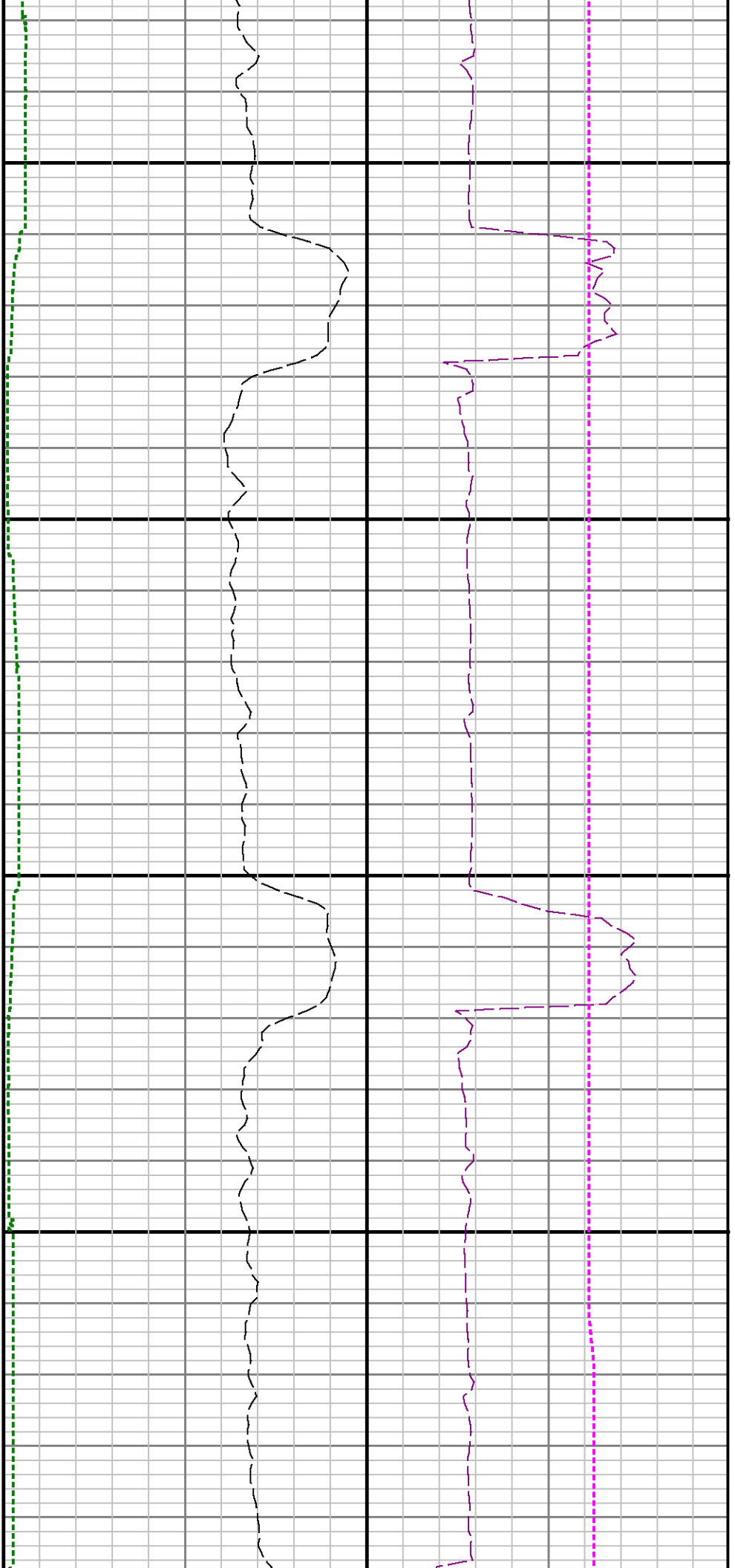


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12800

12900

