



Realtime Logs

Natural Formation Evaluation  
Gamma Ray

Scale: 1:240

MEASURED DEPTH

Company: Anadarko

Well: BADDING 27N-26HZ

Field: Weld County (Kerr- McGee)

County: Weld County State: Colorado

Status: Final Print Surface Location: Latitude: 40° 6' 10.757" N Longitude: 104° 44' 29.990" W

API Number: 05-123-3840600 Section: 26 TWN: 2N Range: 66W

Other Services: Directional

Permanent Datum (P.D.): Ground Level Elevation: 5129.00 ft.

Elevations: 17.00 ft. 5129.00 ft. 5112.00 ft.

Log Measured From: Kelly Bushing 17.00 ft. Above P.D.

Depth Reference: Driller's Depth KB: DF: GL: 5112.00 ft.

Interval Logged Dates Magnetic Field Reference

Top: 6790 ft. Date From: 19/Jan/14 Date To: 26/Jan/14 Dip Angle: 66.83° Az: Reference North: True

Bottom: 12668 ft. Date To: 26/Jan/14 Total Mag to Reference

Spud Date: 19/Jan/14 Field Strength: 52904.0 nT North Correction: 8.34°

Borehole Record

Casing Record

Hole Size	From	To	Size	Weight	From	To
13.500 in.	Surface	1171 ft.	9.625 in.	36.00 lb/ft	Surface	1171 ft.
8.750 in.	1171 ft.	7810 ft.	7.000 in.	26.00 lb/ft	6790 ft.	7810 ft.
6.125 in.	7810 ft.	12726 ft.				

Mud Record

Deviation Record

Type	From	To	Hole Size	Interval	Inc / Az (Start)	Inc / Az (End)
Water Based Mud	Surface	12726 ft.	13.500 in.	Surface	0.0° / 0.0°	1.1° / 63.0°
			8.500 in.	Vertical/Curve	1.1° / 63.0°	87.0° / 1.4°
			6.123 in.	Lateral	87.0° / 1.4°	89.4° / 0.9°
					/	/
					/	/
					/	/
					/	/

Acquisition System Software Version

Other

Advantage	2.20U4	Rig / Contractor:	Xtreme 8	/ X-Treme Coil Drilling
PATS	6.4.1.34	Job No:	6063304	
		District / Unit:	Rocky Mountain	/ D&E

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Log Run Summary

LWD Run No.	BHA Run No.	Bit Run No.	Bit Size  (in.)	Bit Type	Bit Gauge Lenath  (in.)	Assembly  Type	Logged Interval		Bit Depth Interval		Date / Time				Circ.  Time  (hrs.)
							Top	Bottom	From	To	Start		End		
							(m.)	(m.)	(m.)	(m.)					
1	1	2	8.750	PDC	N/A	Mud Motor	6790	7810	6838	7868	20/Jan/2014	19:49	23/Jan/2014	4:19	54
2	2	3	6.125	PDC	N/A	Mud Motor	7810	12668	7868	12726	25/Jan/2014	05:00	26/Jan/2014	23:15	32

Crew

Name	Arrive	Depart	Name	Arrive	Depart	Name	Arrive	Depart
	Wellsite	Wellsite		Wellsite	Wellsite		Wellsite	Wellsite
Kevin Sheridan	19/Jan/2014	27/Jan/2014	Shirley Arimah	19/Jan/2014	27/Jan/2014			

Mud Properties Record

Date / Time	LWD Run No.	Measured Depth (m.)	Mud Type	Density (sg)	Viscosity (cp)	pH	Fluid Loss (cc)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
22/Jan/2014	1	7363	Wated Based Mud	9.9	40	9.0	N/A	1/91	Flowline	2000	N/A
23/Jan/2013	2	9536	Wated Based Mud	9.5	39	9.0	N/A	2/91	Flowline	2600	N/A

Mnemonics		
Curve	Description	Units
GRAX	Gamma Ray Apparent, 0.5 ft. Avg	API
GRIX	Gamma Ray Density	points
GRSI	Gamma Ray Sliding Indicator	unitless
ROPA	Rate of Penetration, 3.0 ft. Avg	ft/hr
TCDX	Downhole Temperature	degF
TVD	True Vertical Depth	ft.
WOBA	Surface Weight on Bit, 1.0 ft. Avg	klbs

Equipment and Service Data						
LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (m.)	Max O.D. (in.)	Min I.D. (in.)
1	DIR	11859501	Directional	45.88	6.560	2.750
1	SRIG	12600747	Gamma	42.51	6.560	2.750
2	SRIG	10595777	Gamma	51.46	5.000	2.750
2	DIR	11924683	Directional	54.84	5.000	2.750

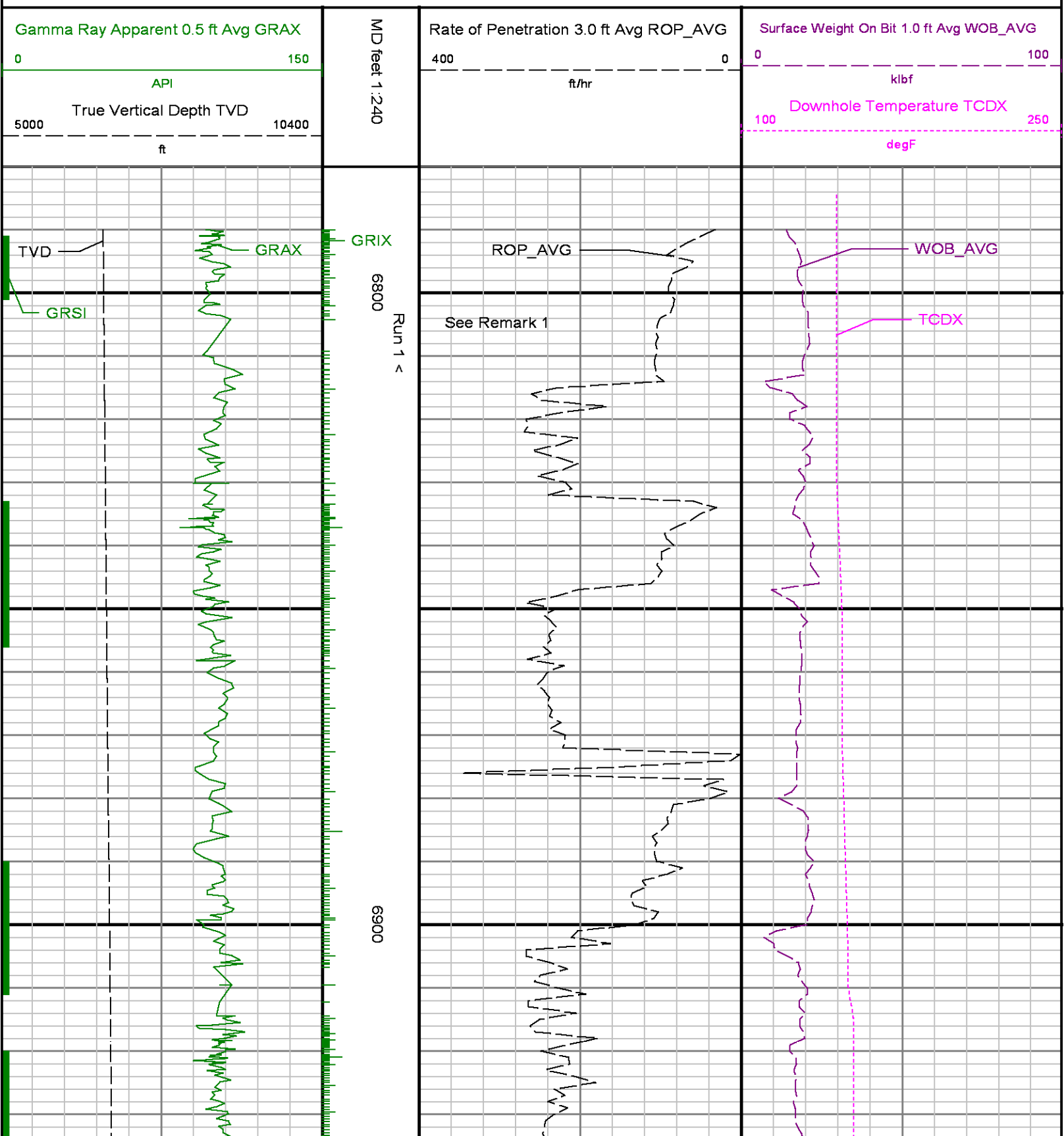
Service and Tool Mnemonics		
Mnemonic	Name	Description
DIR	Directional	Wellbore directional survey
SRIG	Inclination and Gamma	Probe based gamma ray and inclination module

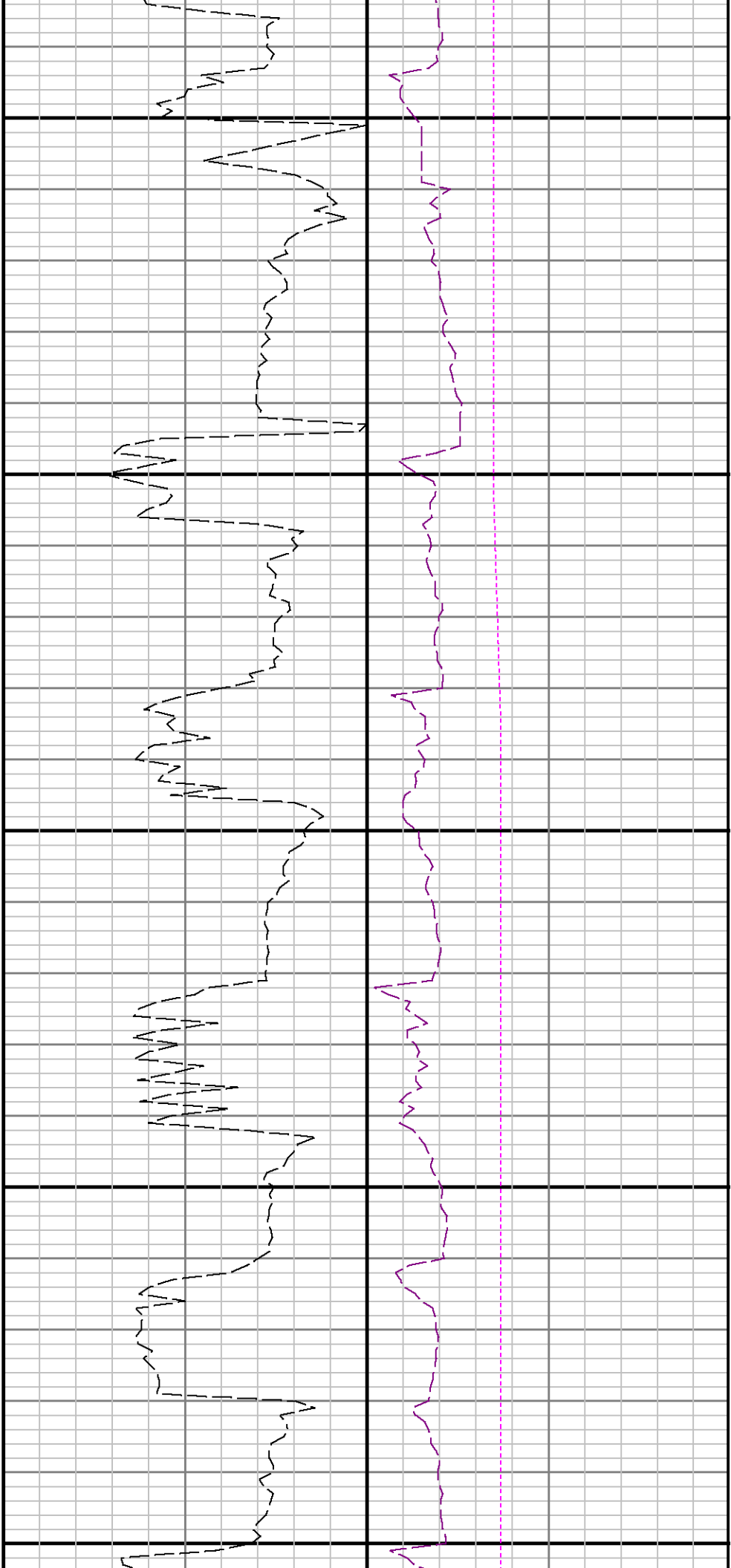
Comments
(1) Baker Hughes INTEQ run 1 utilized 6 1/2 inch NaviTrak services (Directional) behind an 8 3/4 inch bit and steerable assembly from 1171 to 7810 feet MD ( 1171 to 6708 feet TVD)
(2) Baker Hughes INTEQ run 2 utilized 4 3/4 inch NaviTrak services (Gamma Ray and Directional) behind an 6 1/8 inch bit and steerable assembly from 7810 to 12726 feet MD ( 6708 to 7356.71 feet TVD)

Remarks				
Number	Measured Depth (m.)	Hole Section (in.)	LWD Run No.	Remark
1	6790	8.750	1	The interval from Surface to 6790 feet MD (6708 feet TVD) was not logged due to Baker Hughes logging services beginning at the top of the curve section.
2	7800	6.125	2	The interval from 7810 to 7868 feet MD (7355 feet TVD) gamma data is attenuated due to logging behind casing.



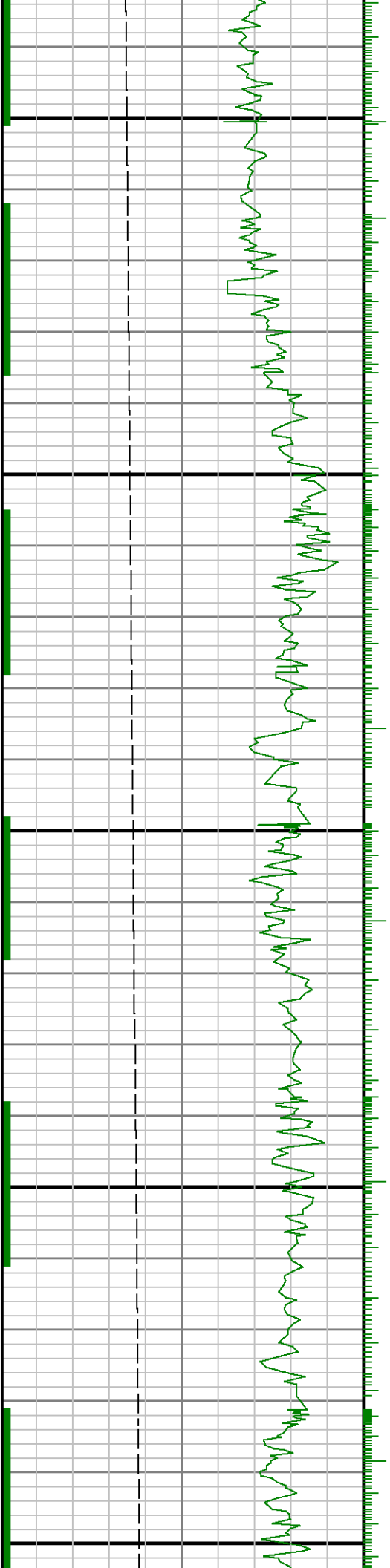
Company : Kerr-McGee  
Well : BADDING 27N-26HZ  
Interval : 6780.00 - 12750.00 feet  
Created : 27/Jan/2014 12:01:35 PM

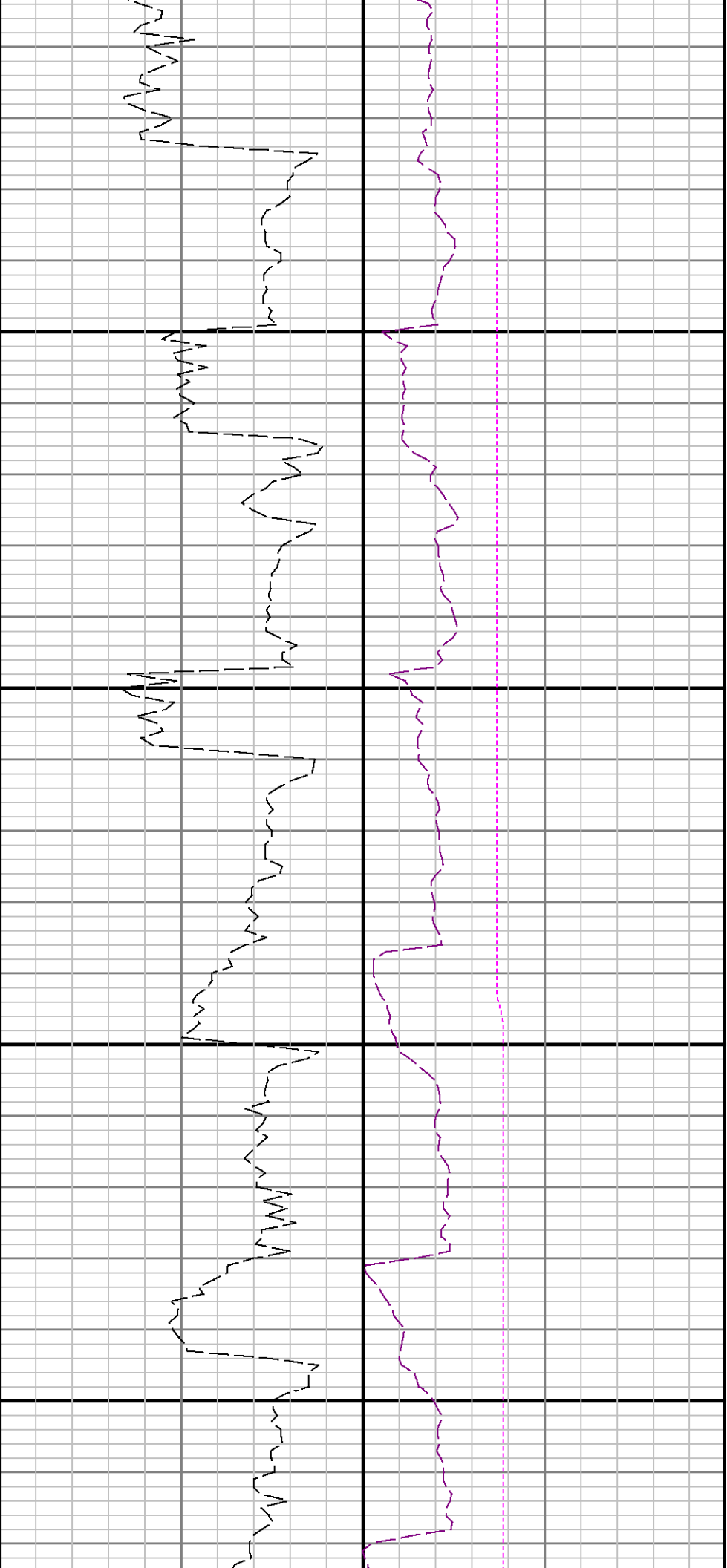




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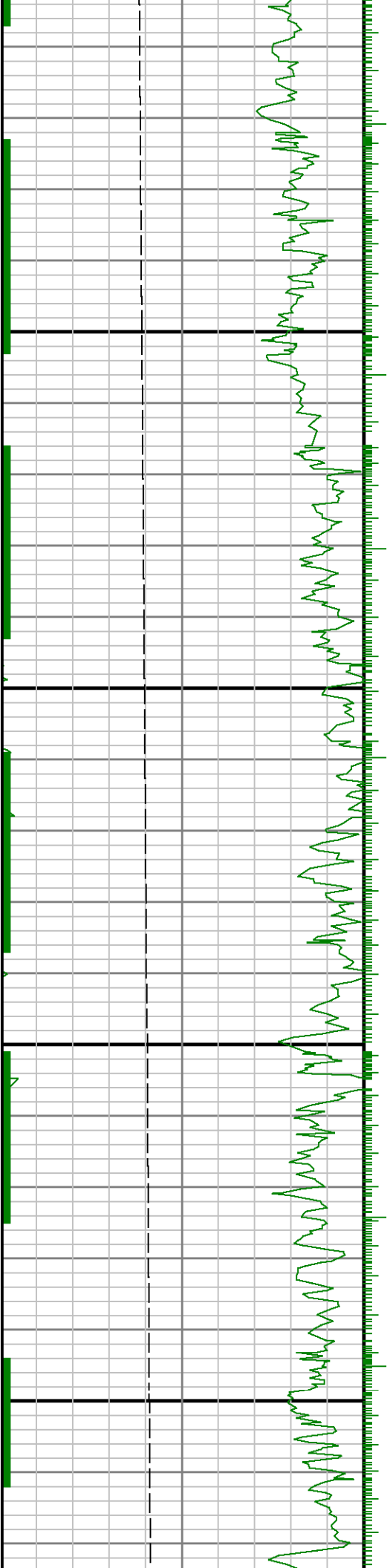
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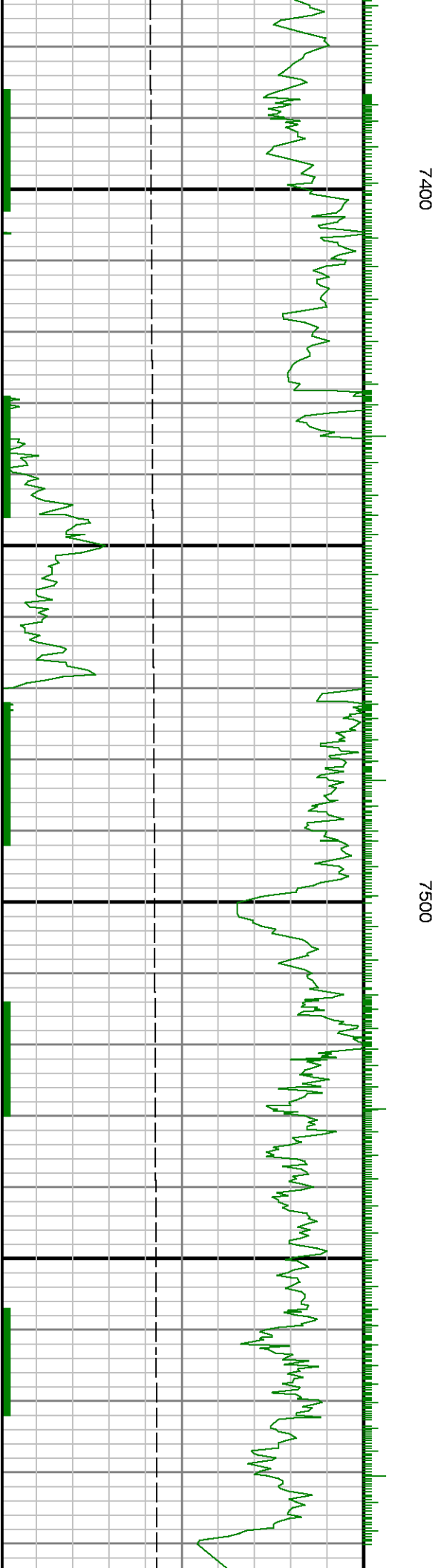
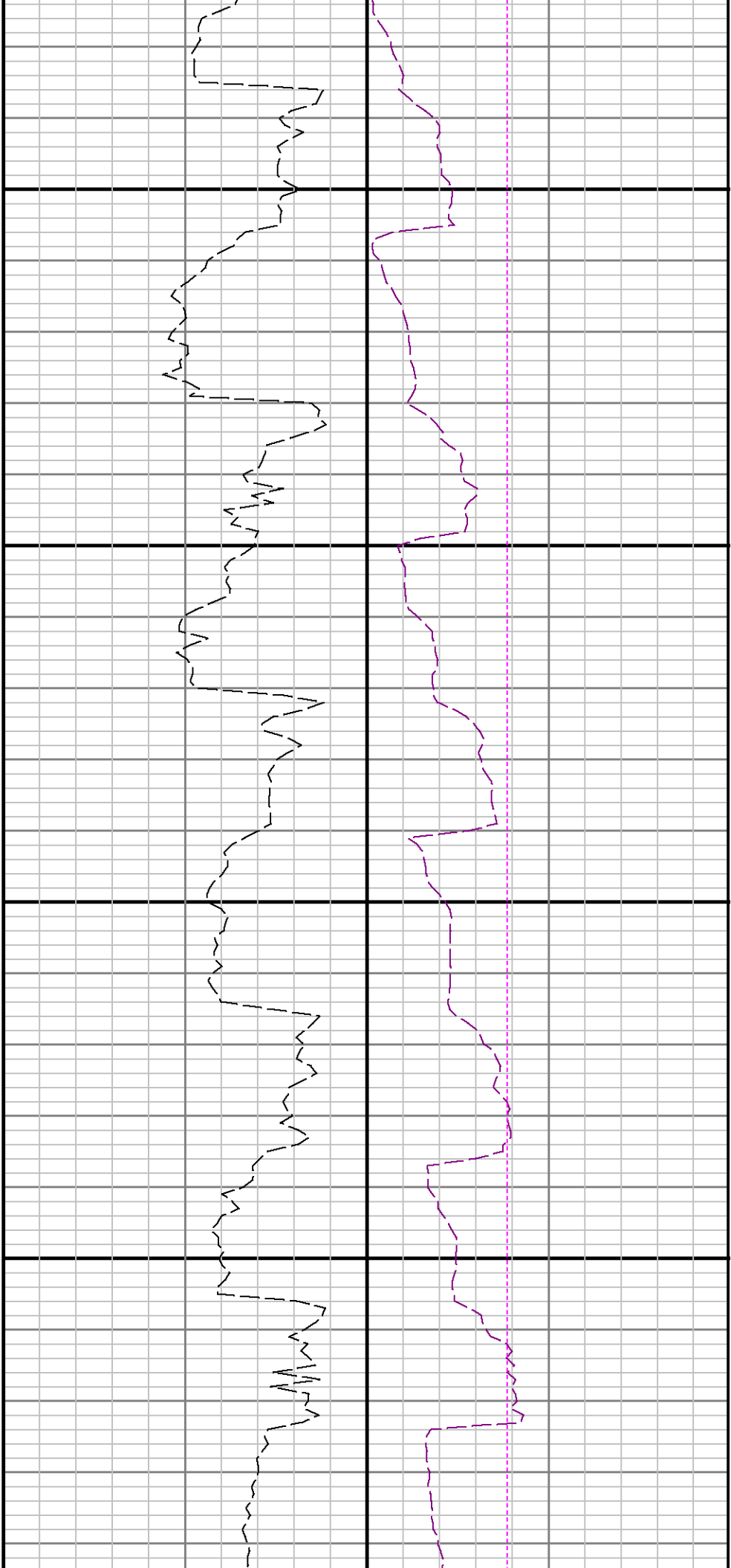


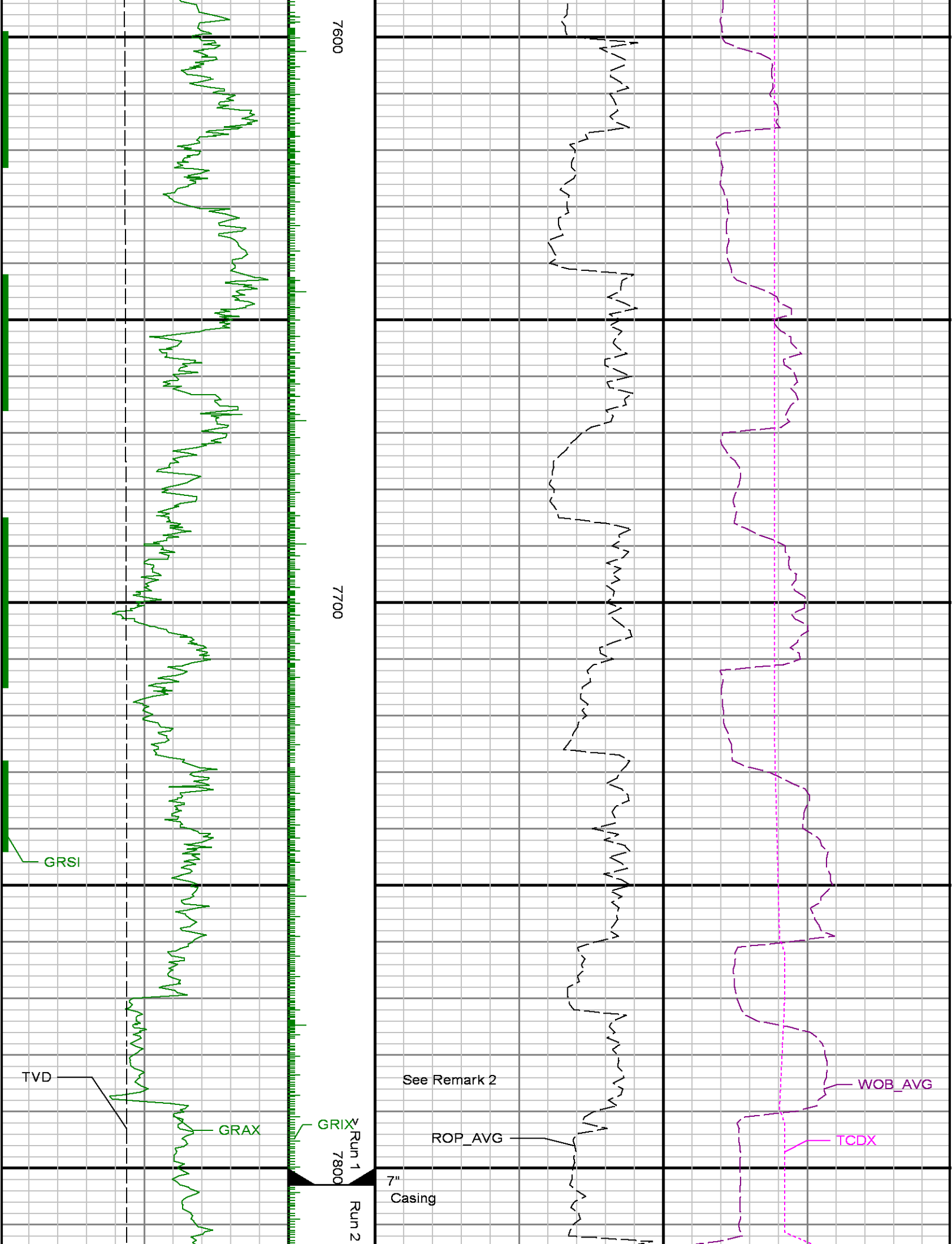


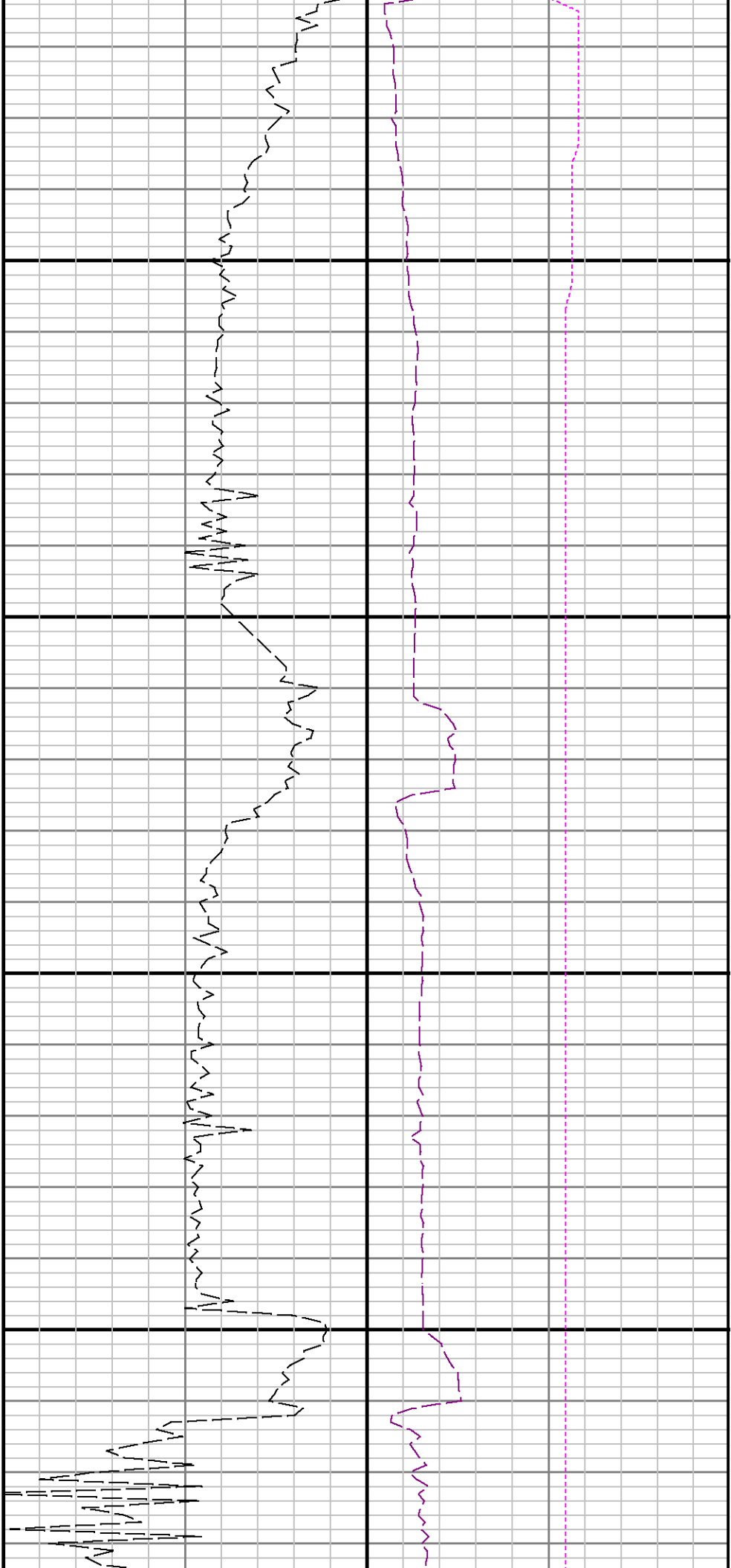
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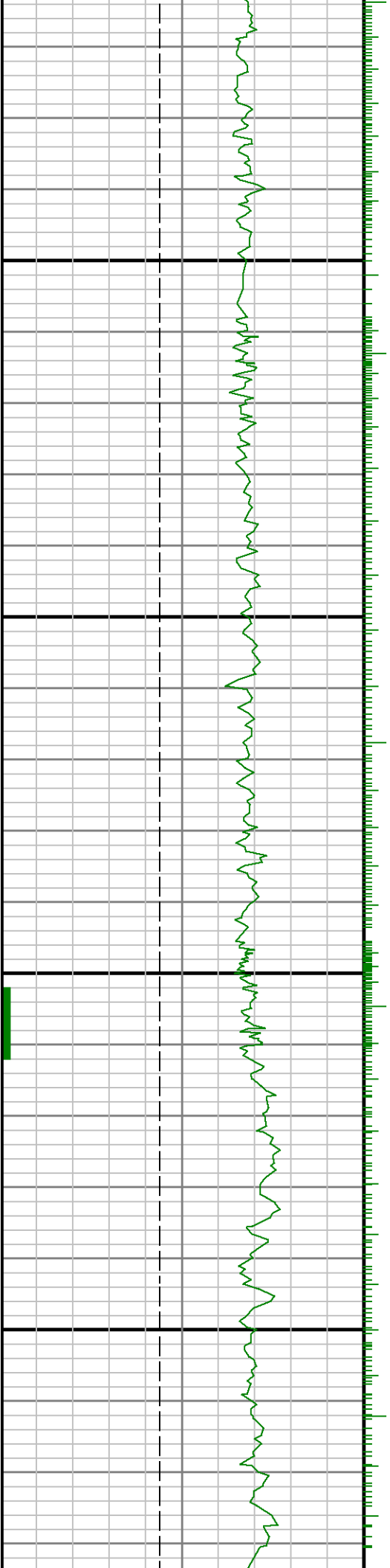




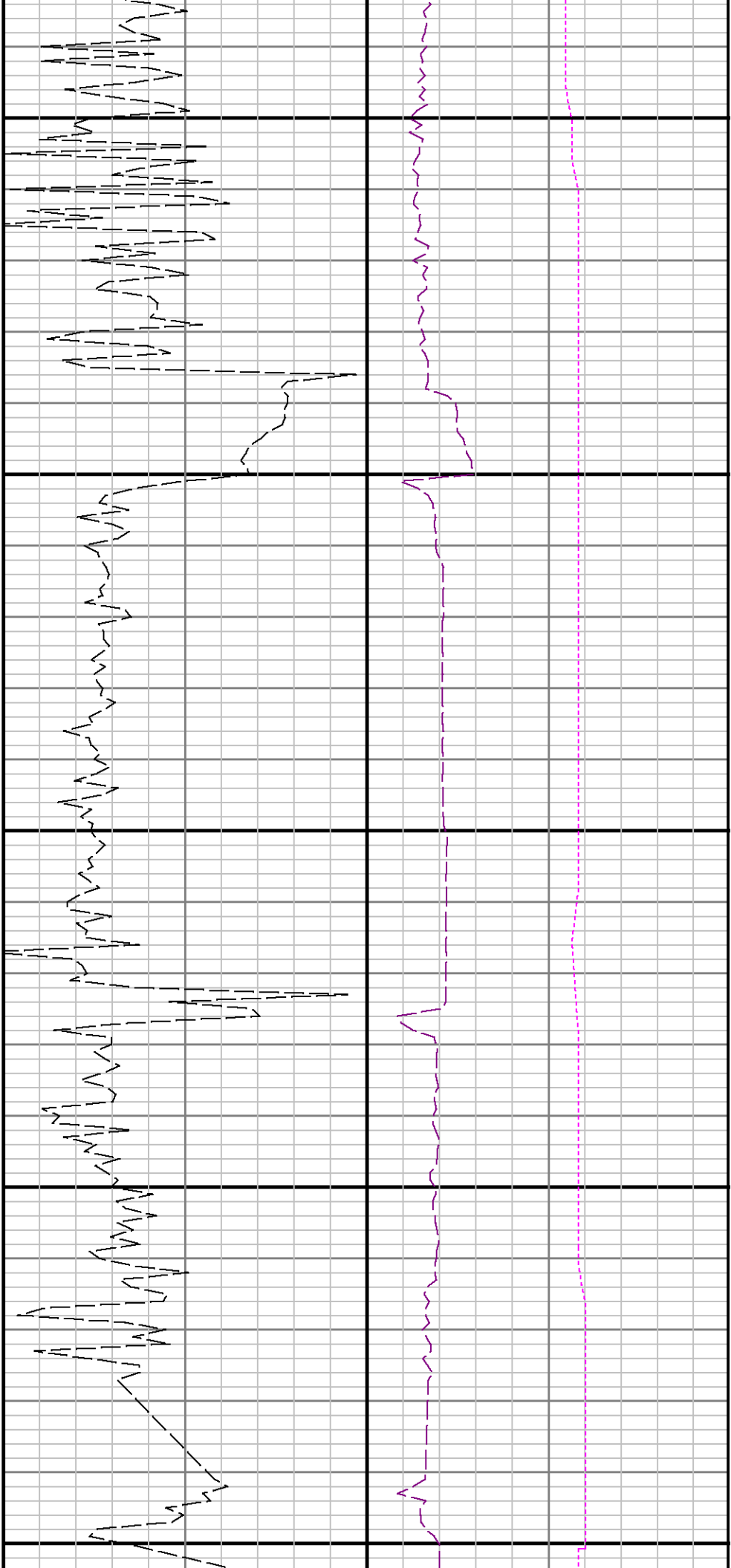


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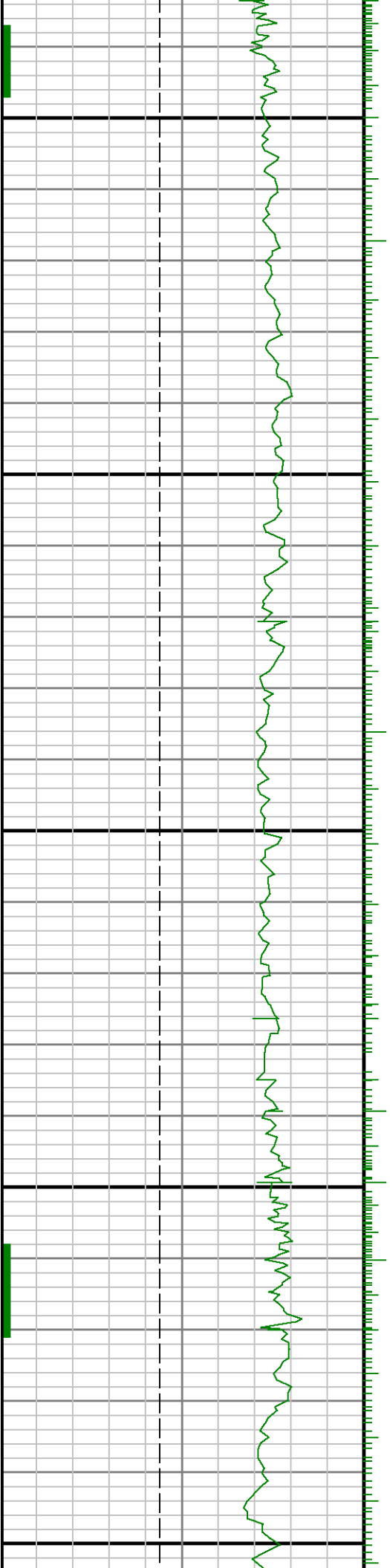


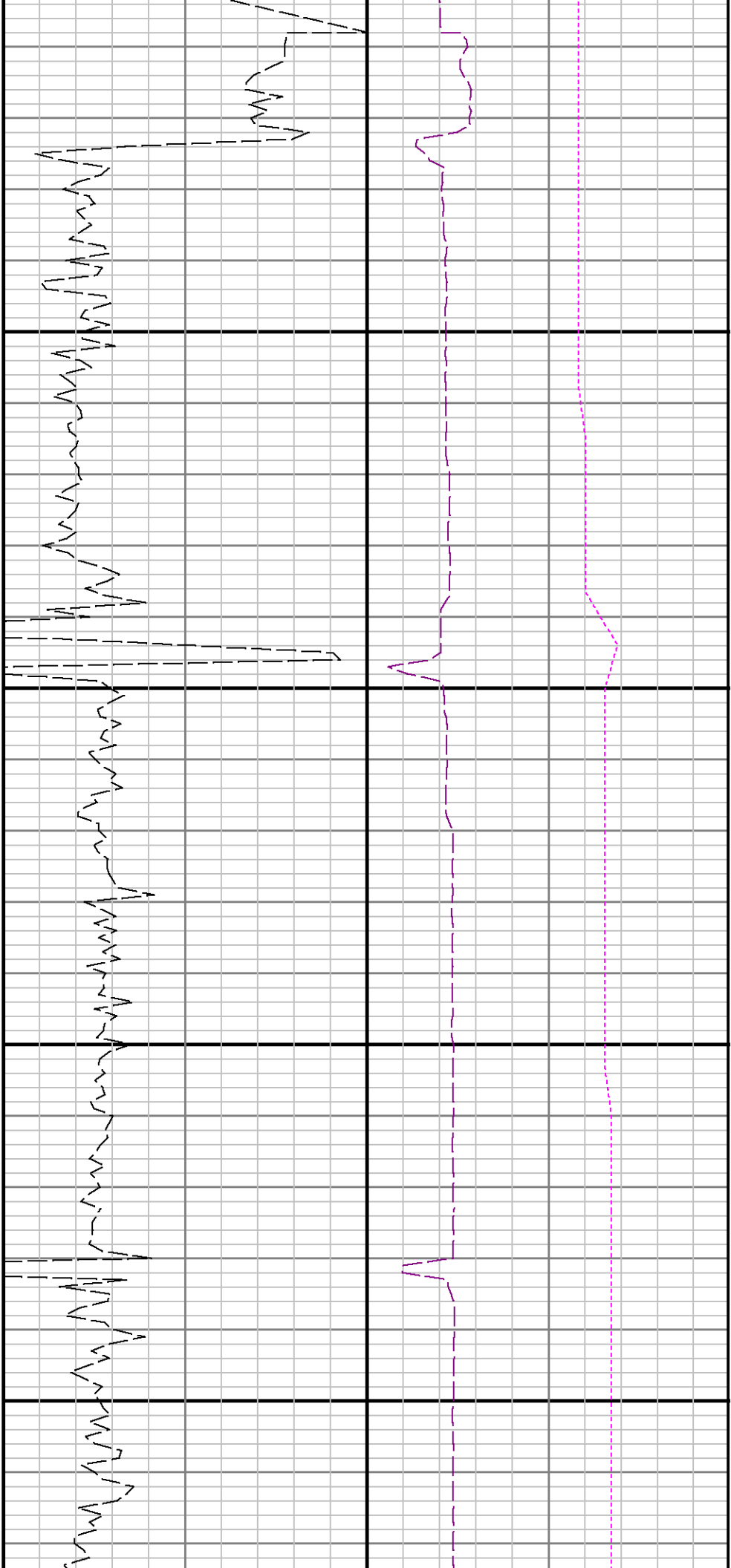




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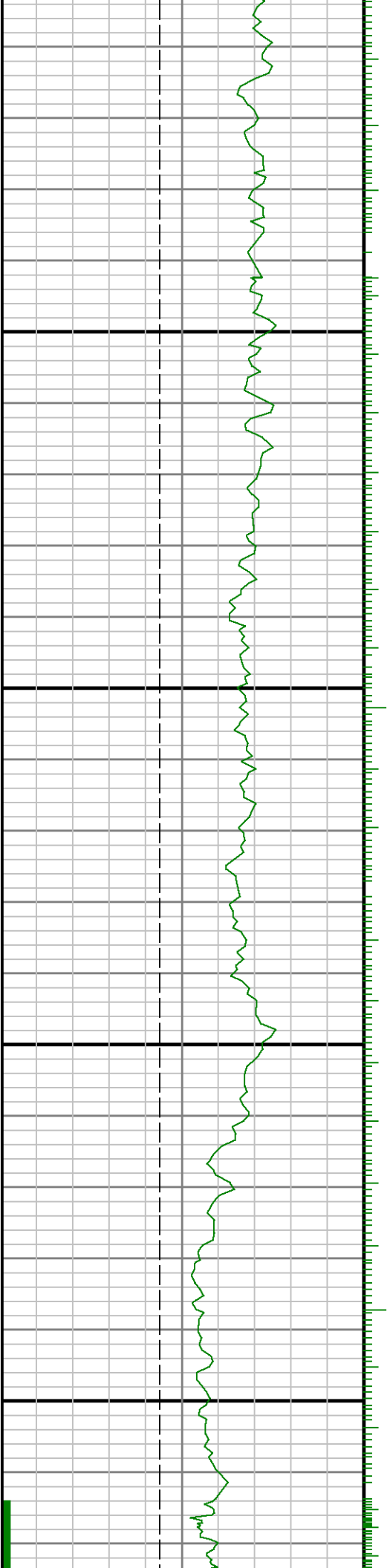
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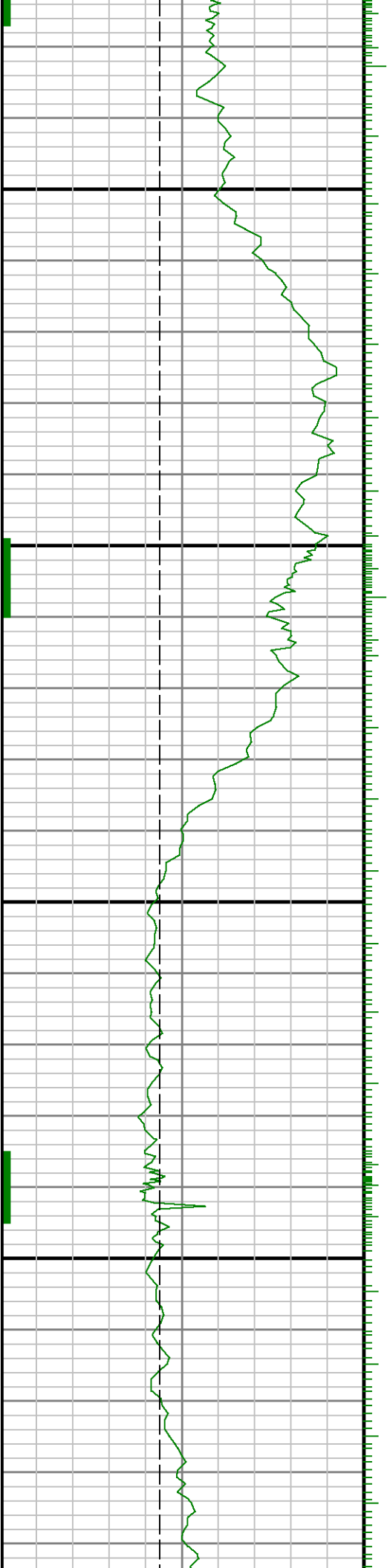




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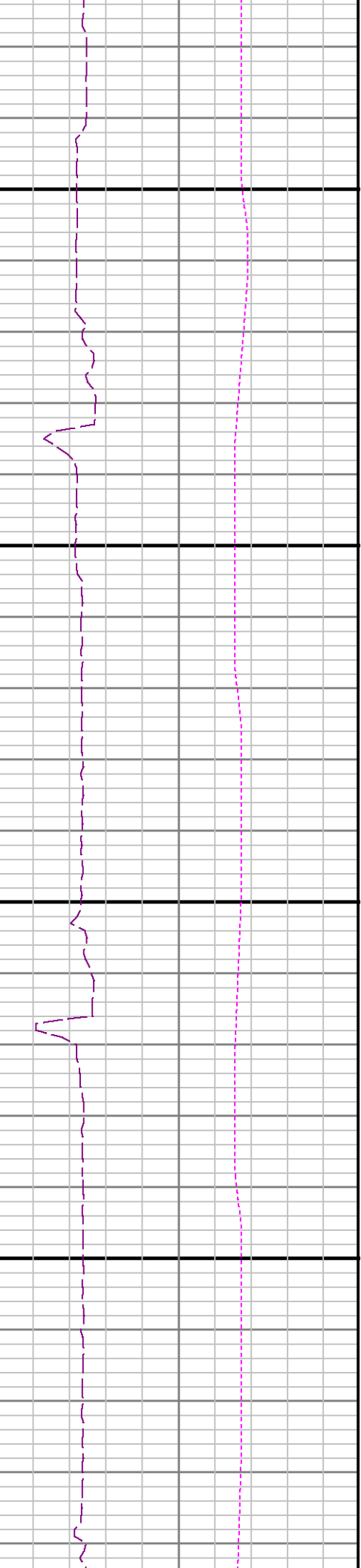
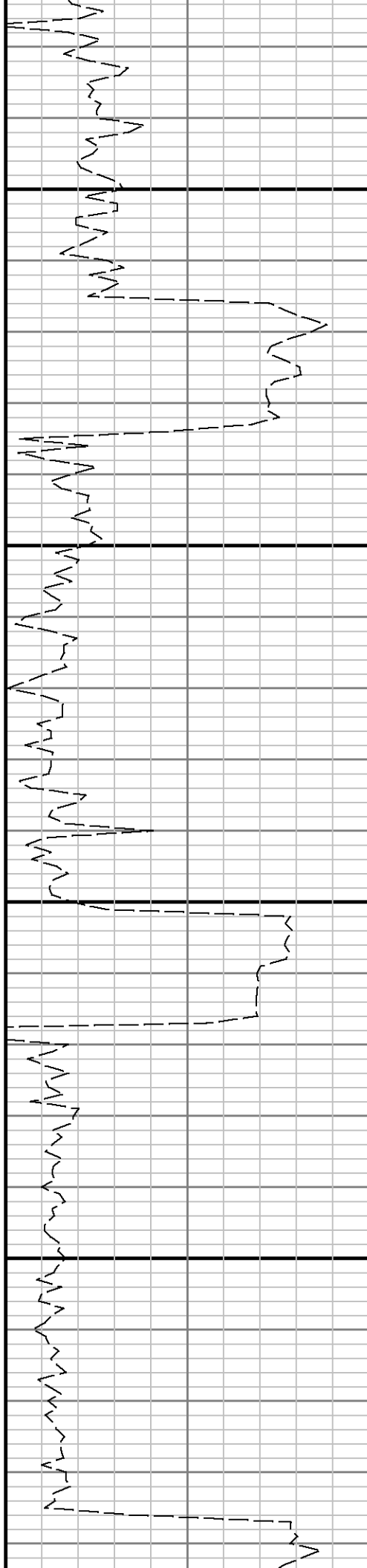
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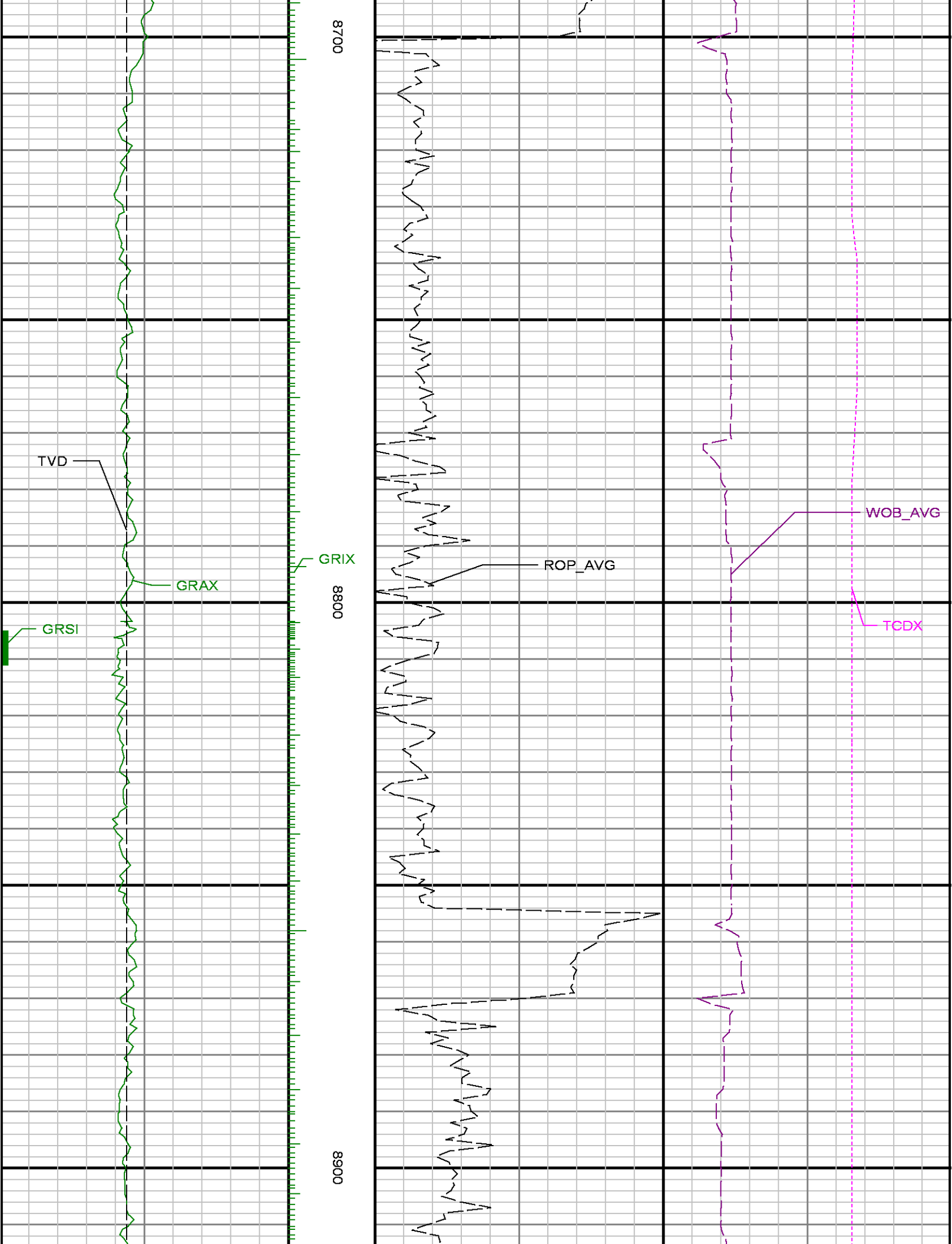


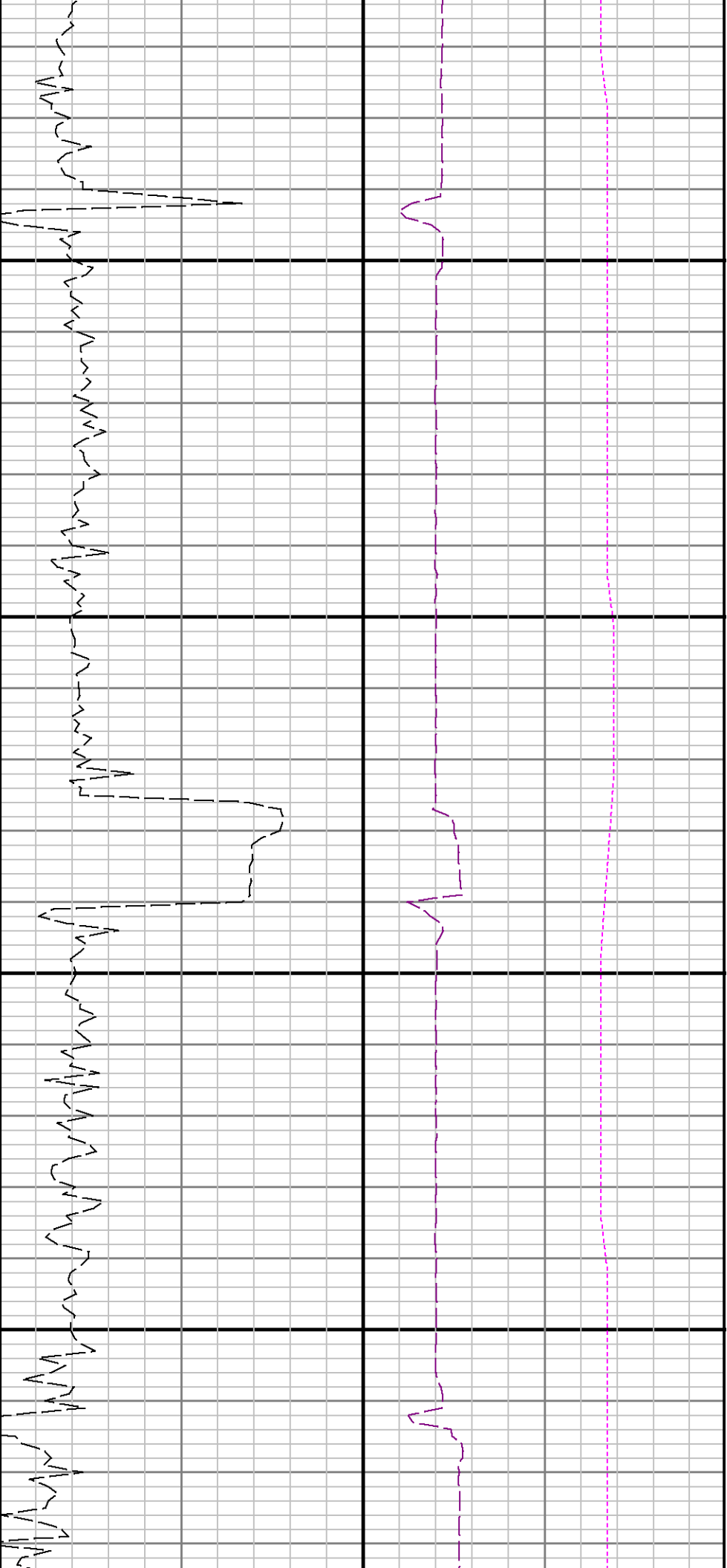


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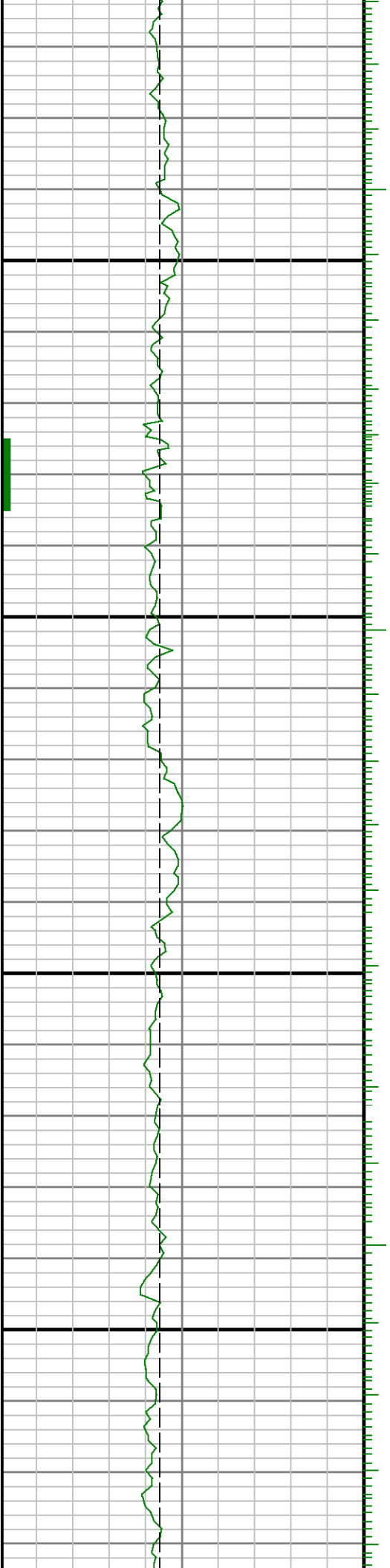


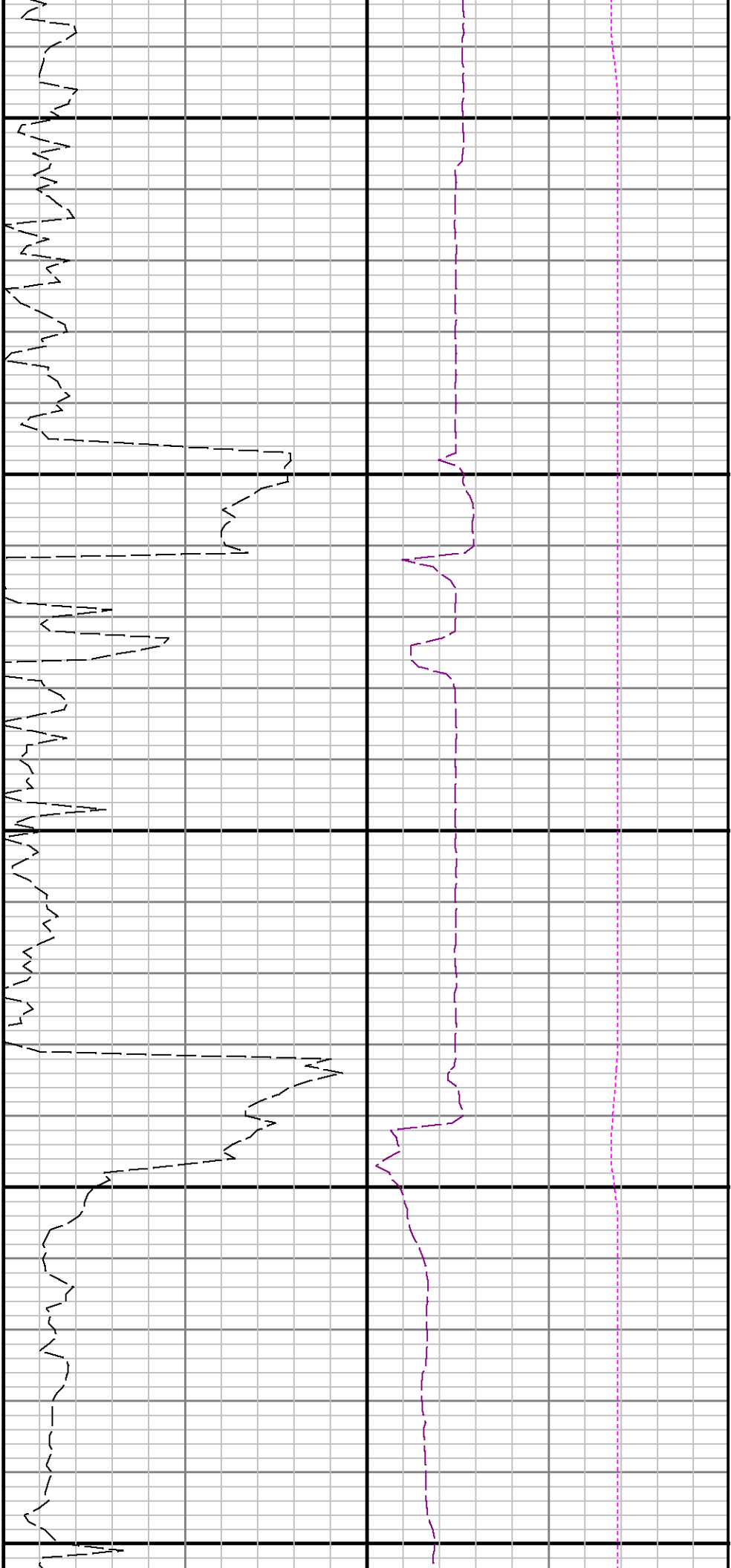




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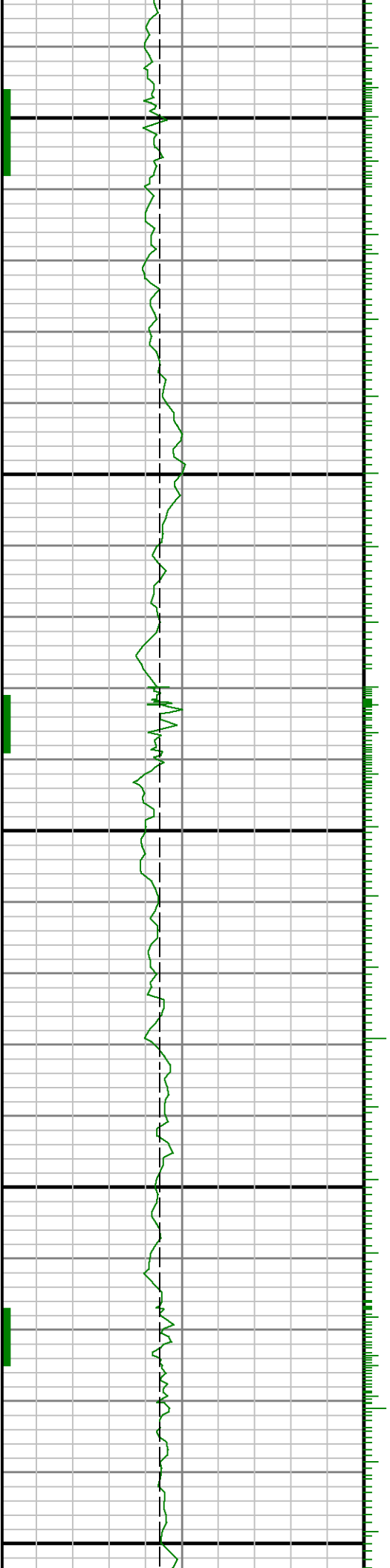
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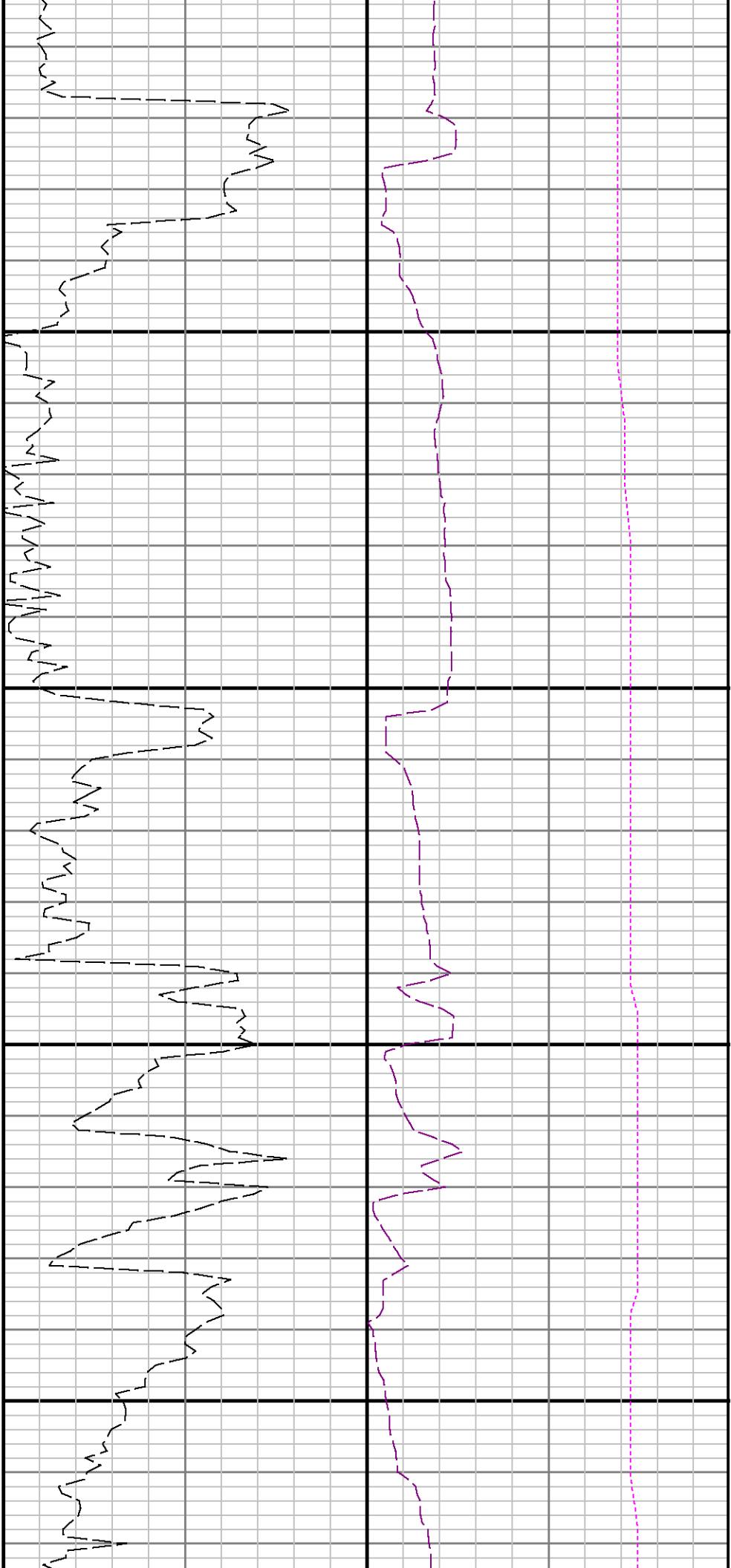




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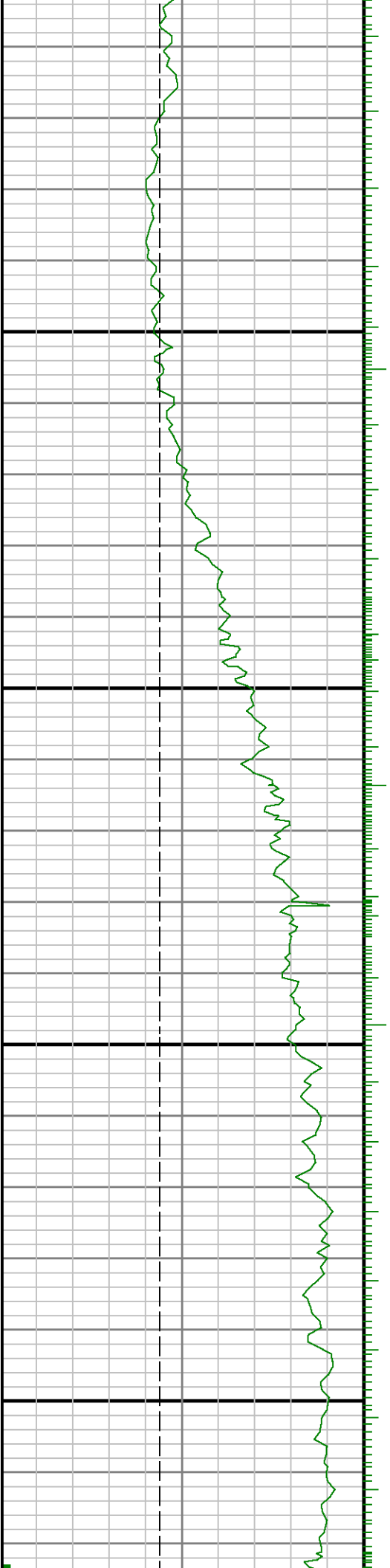
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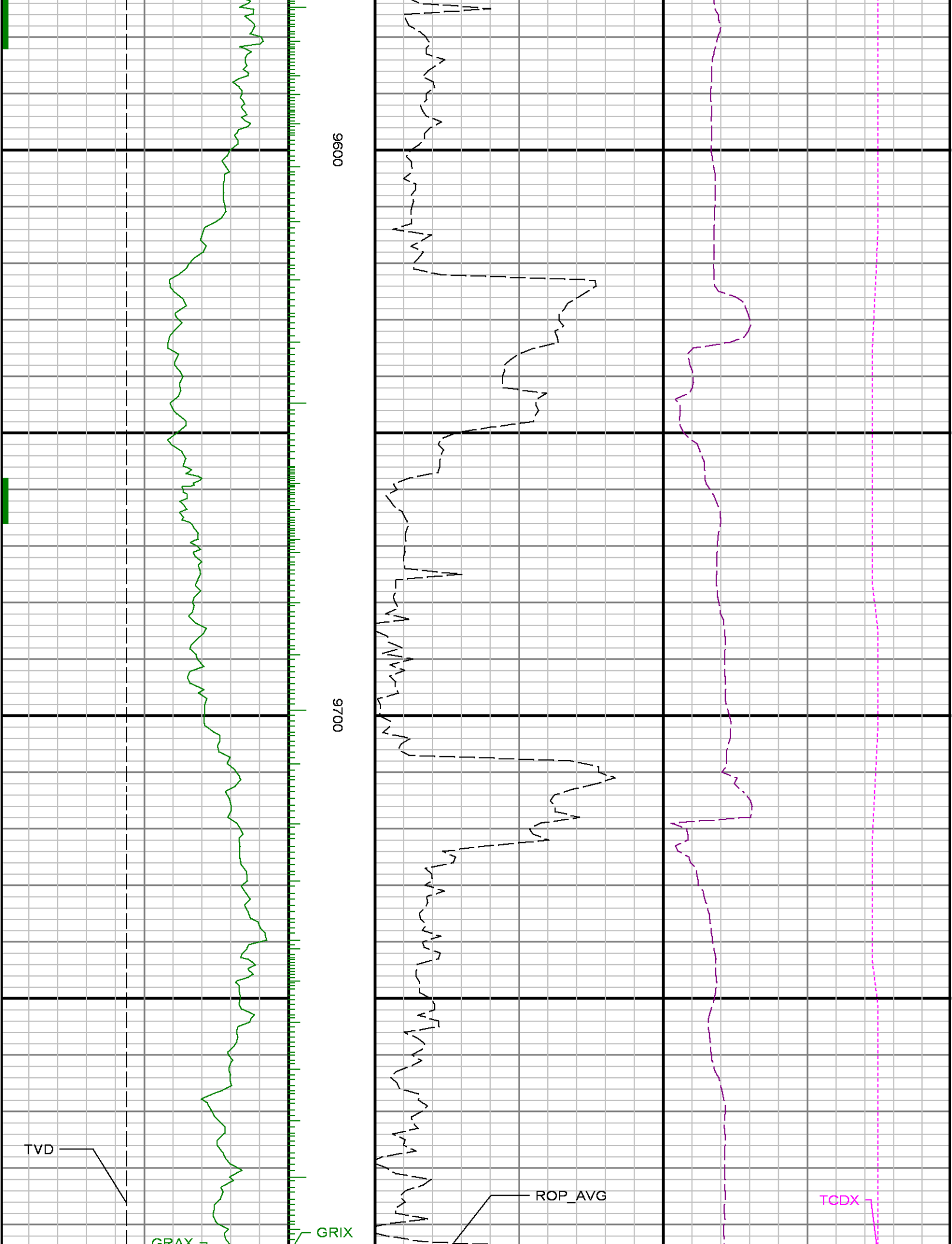




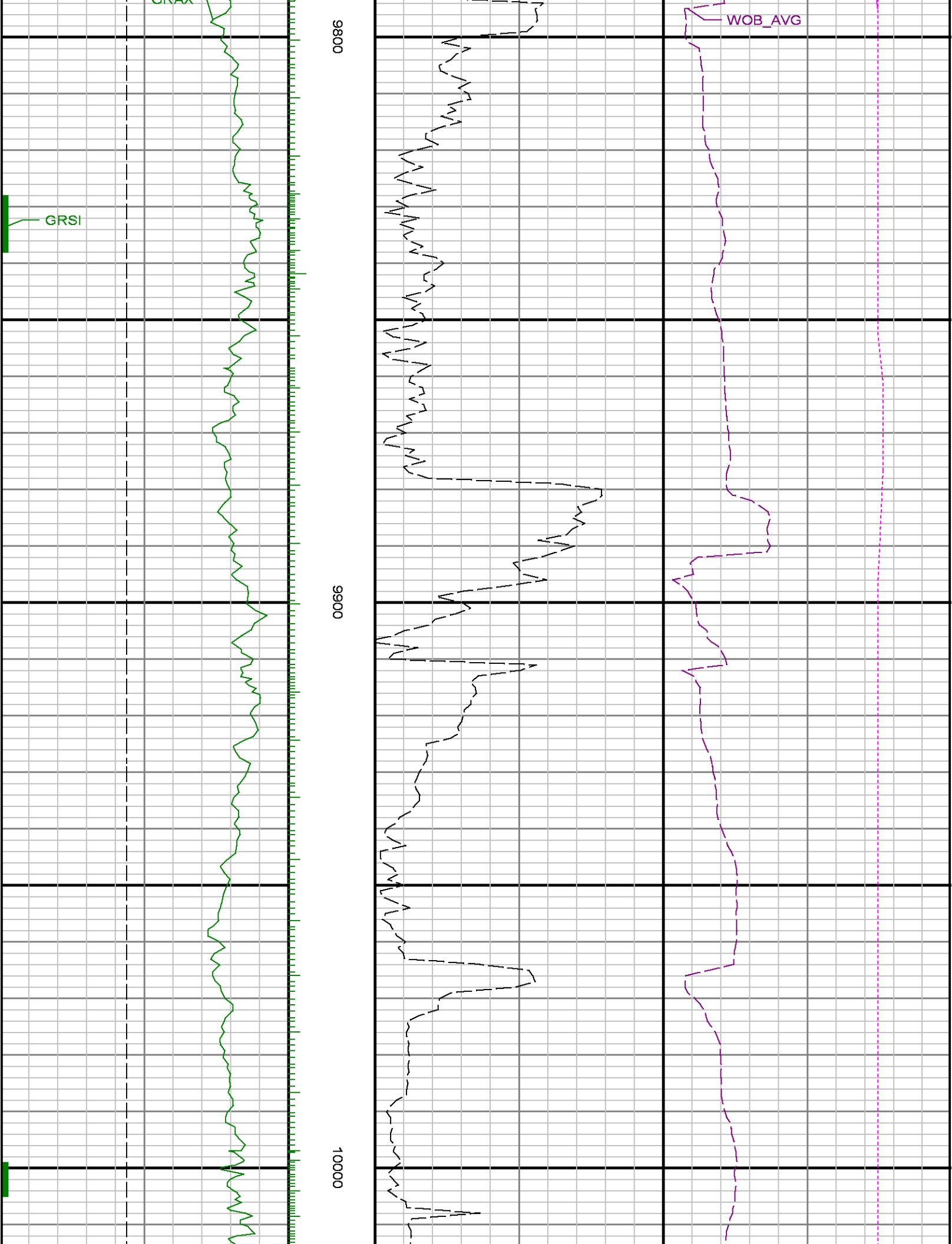
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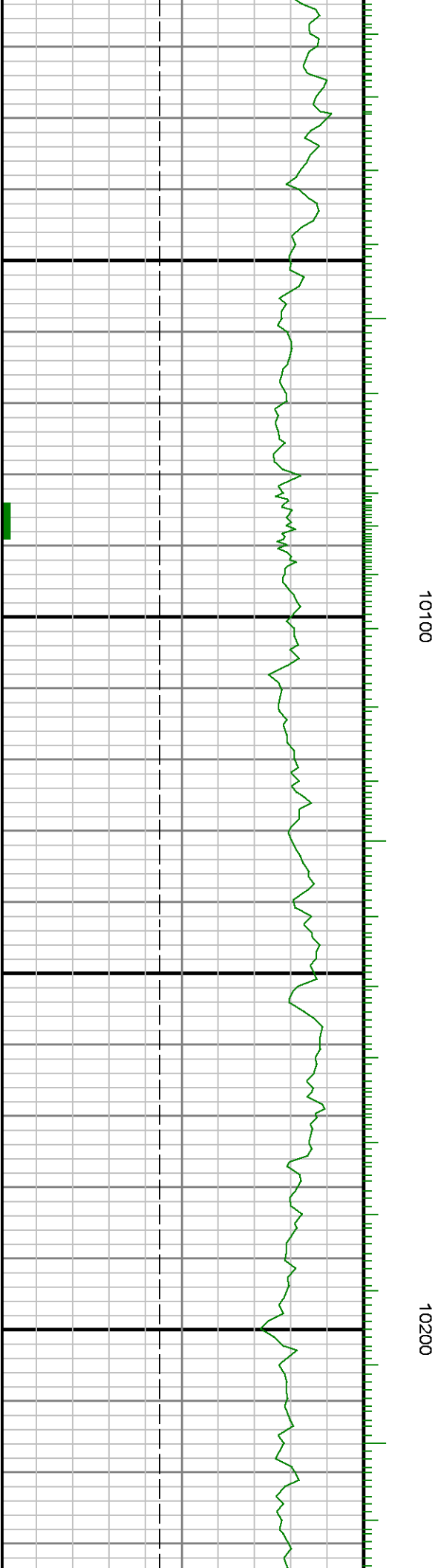
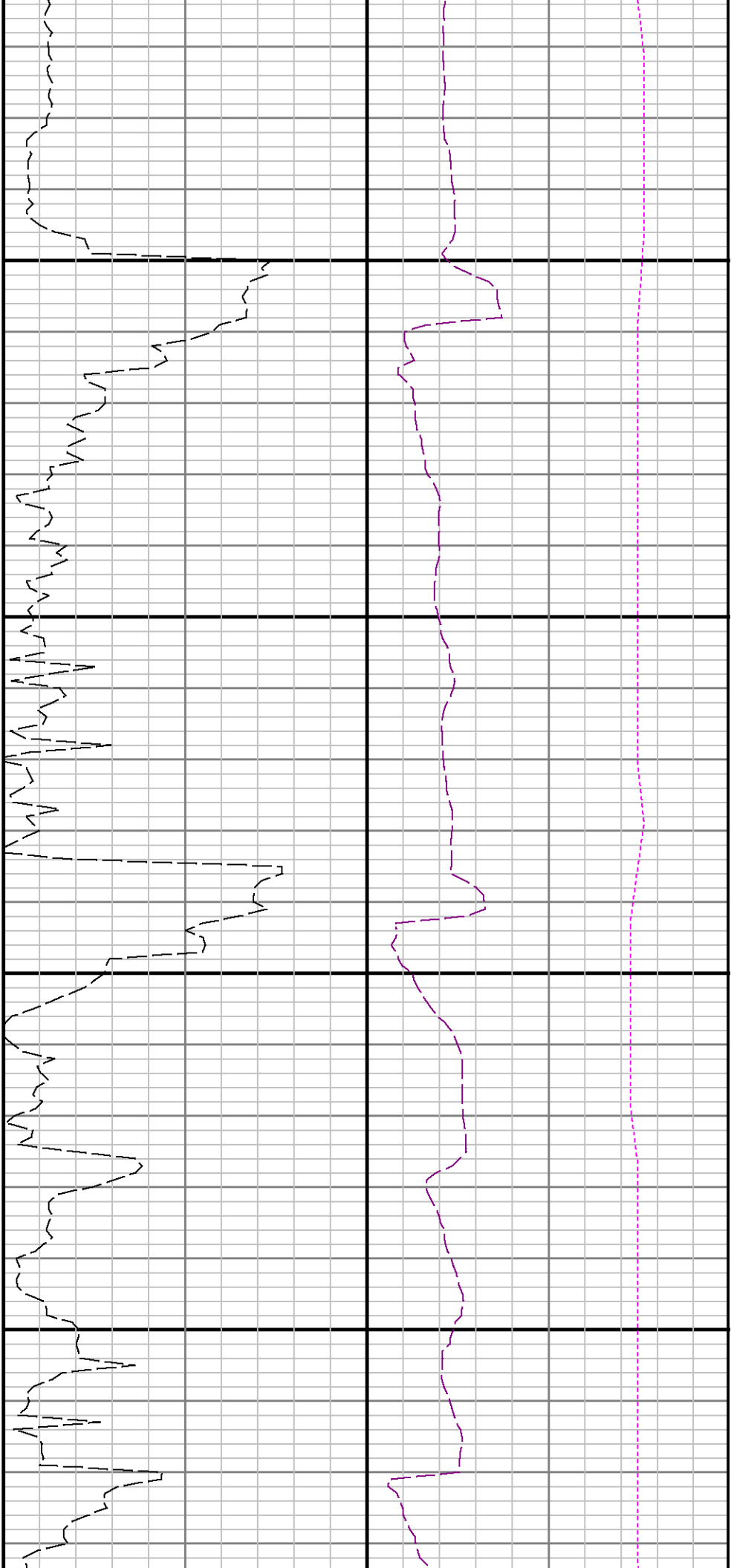
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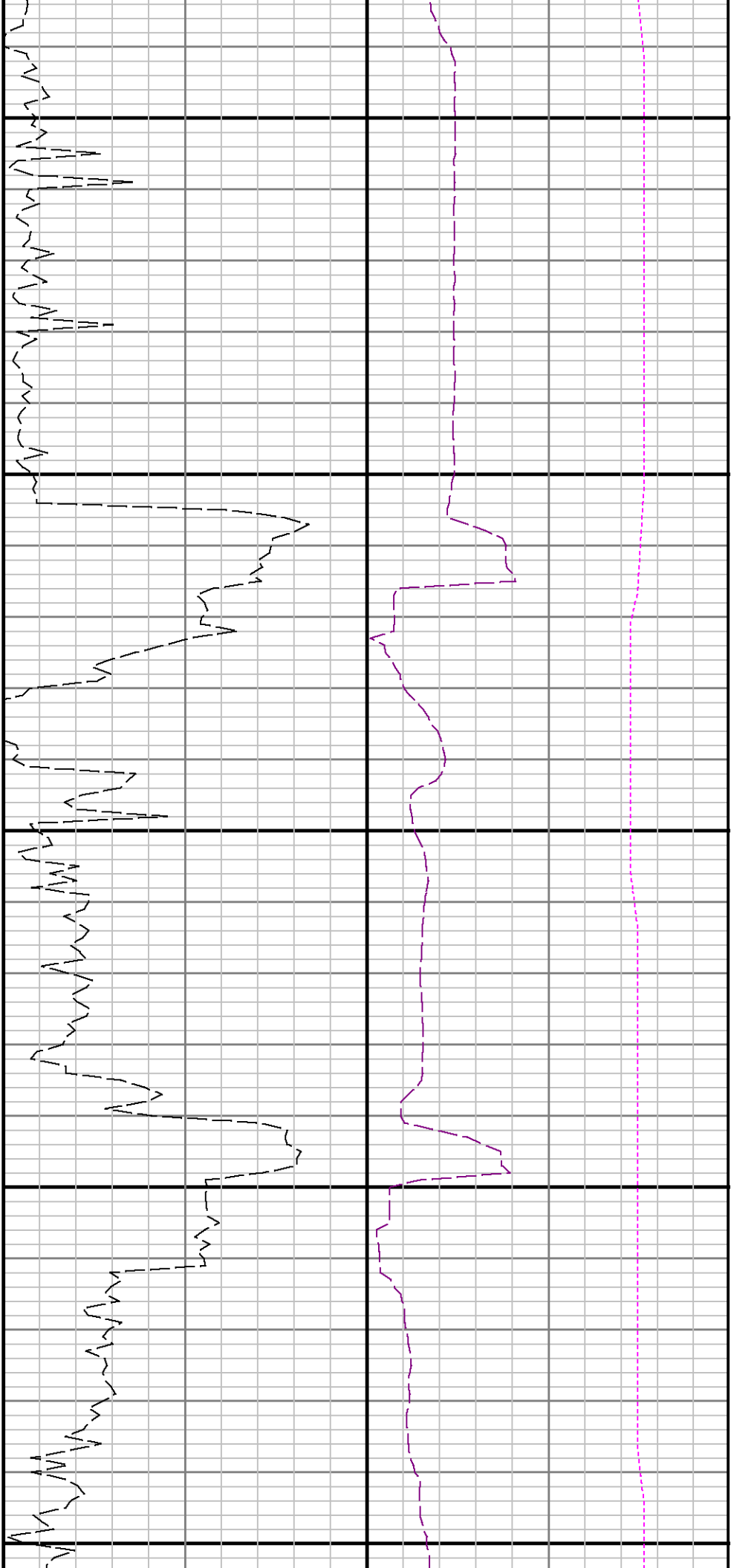






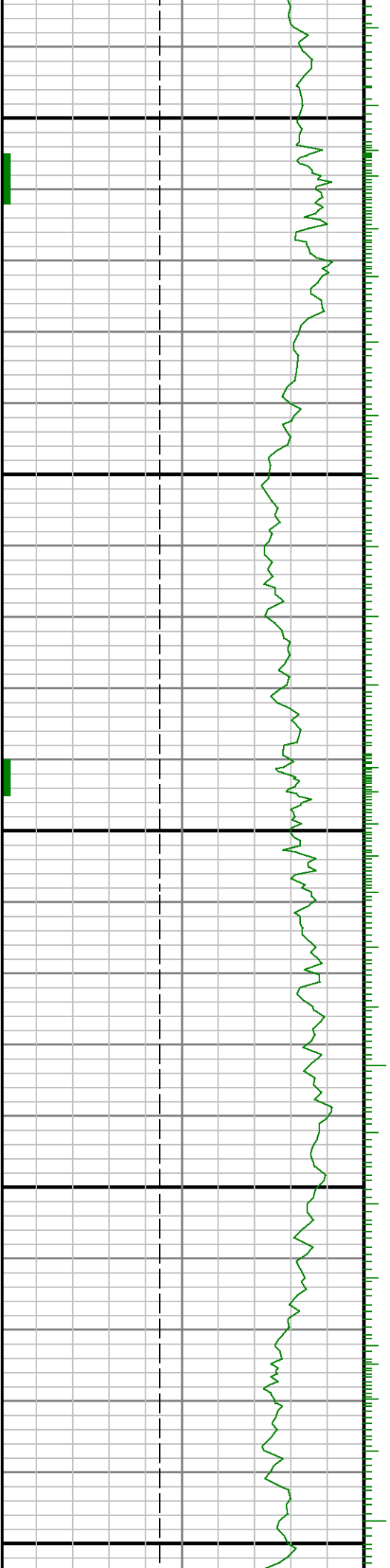


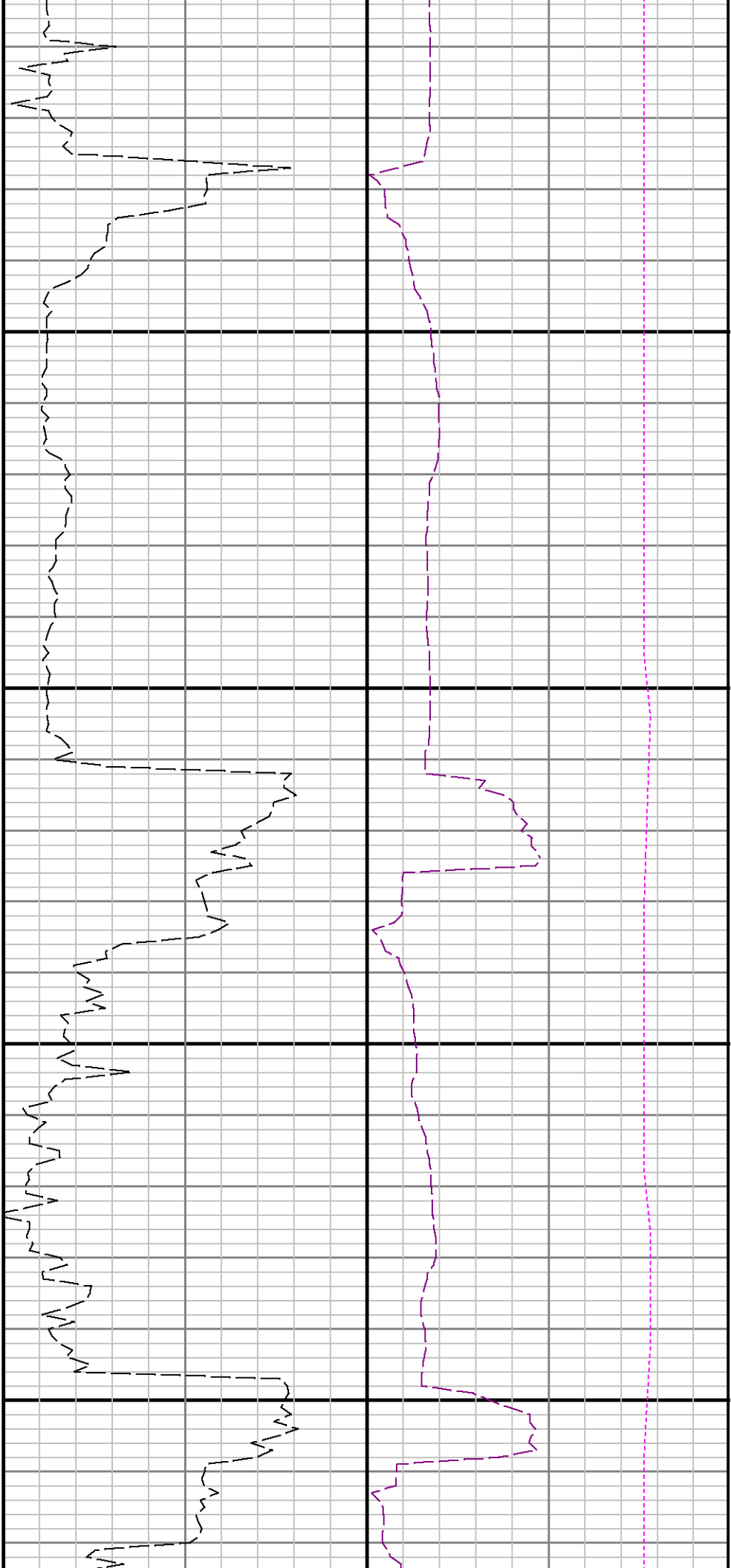




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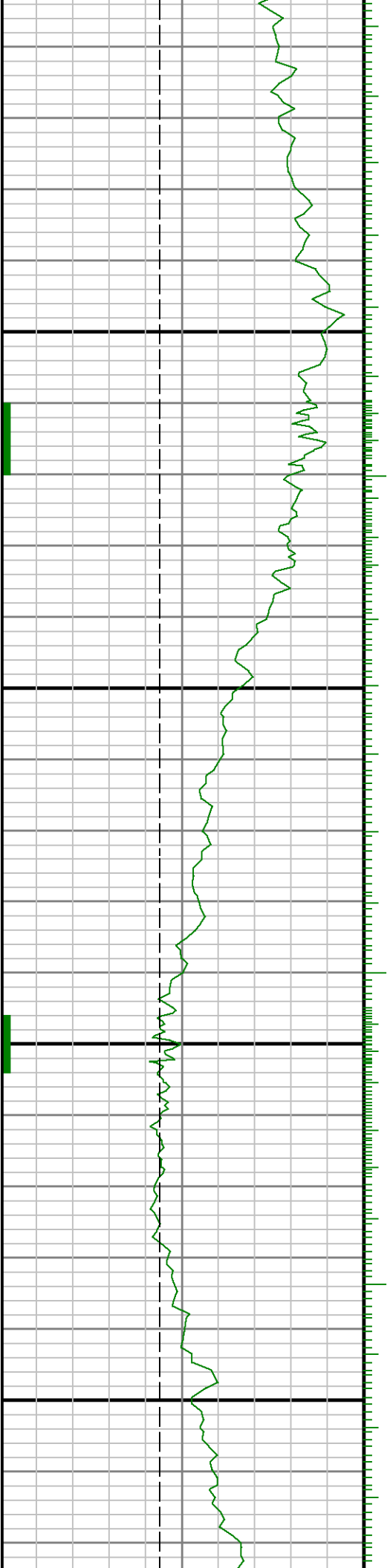
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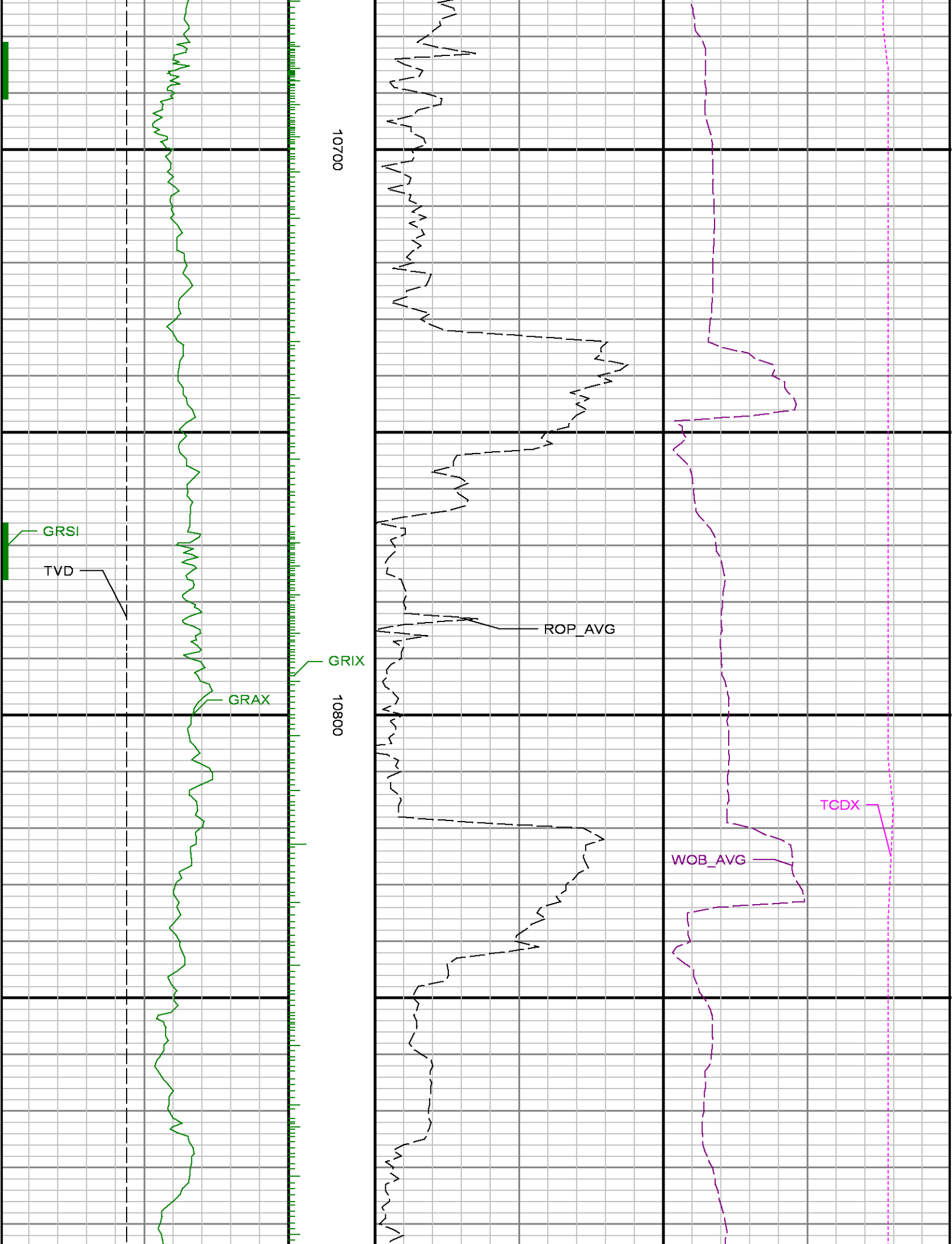


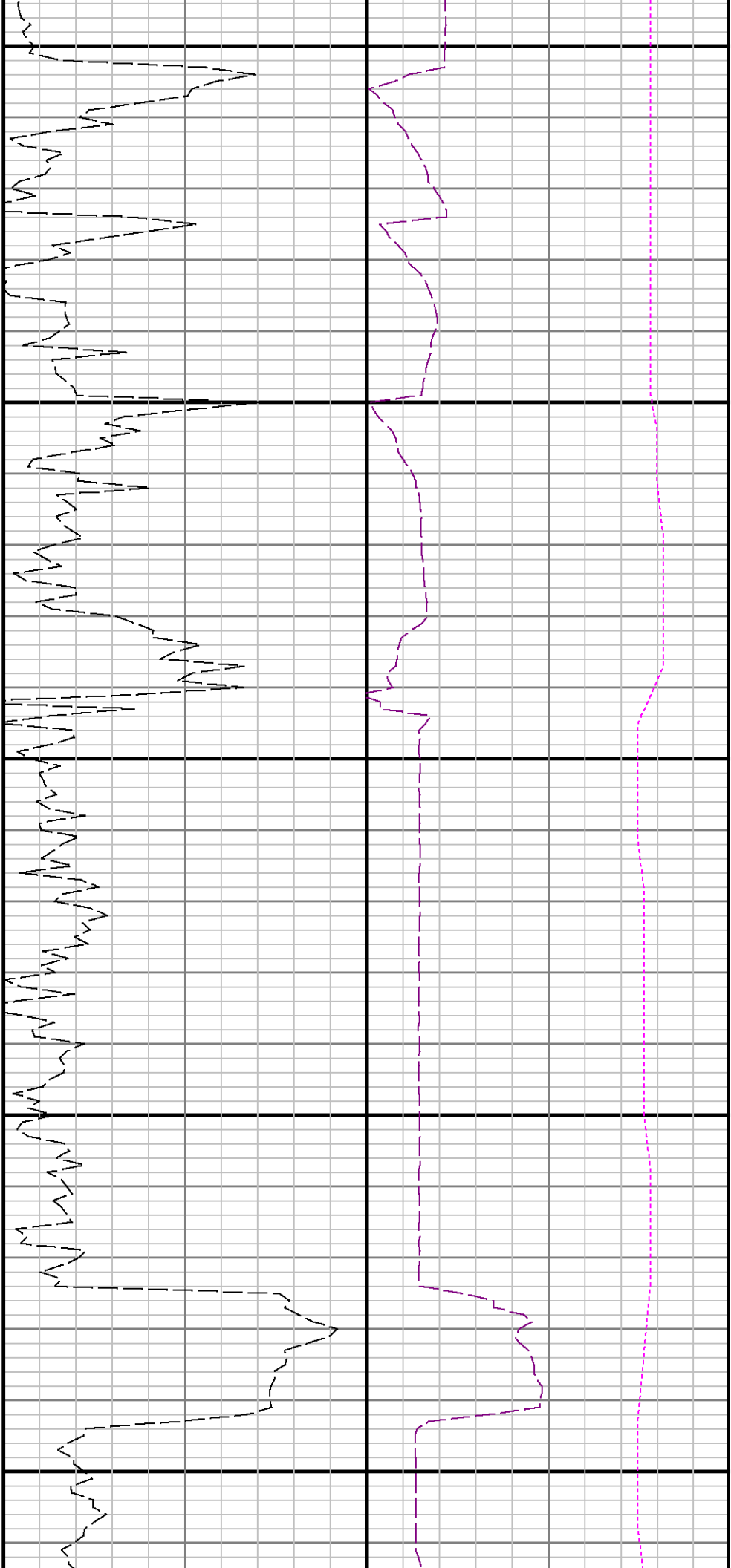


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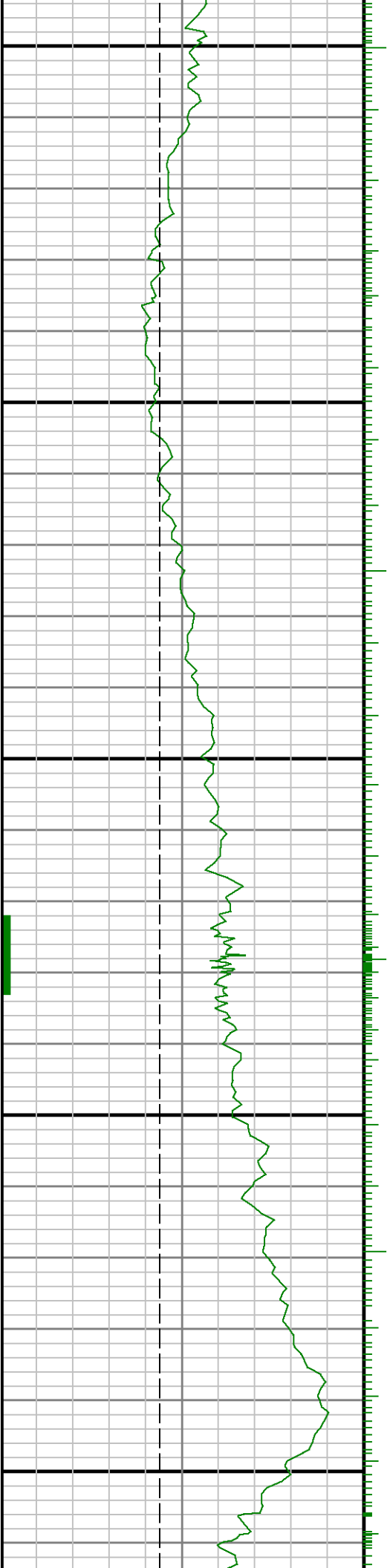


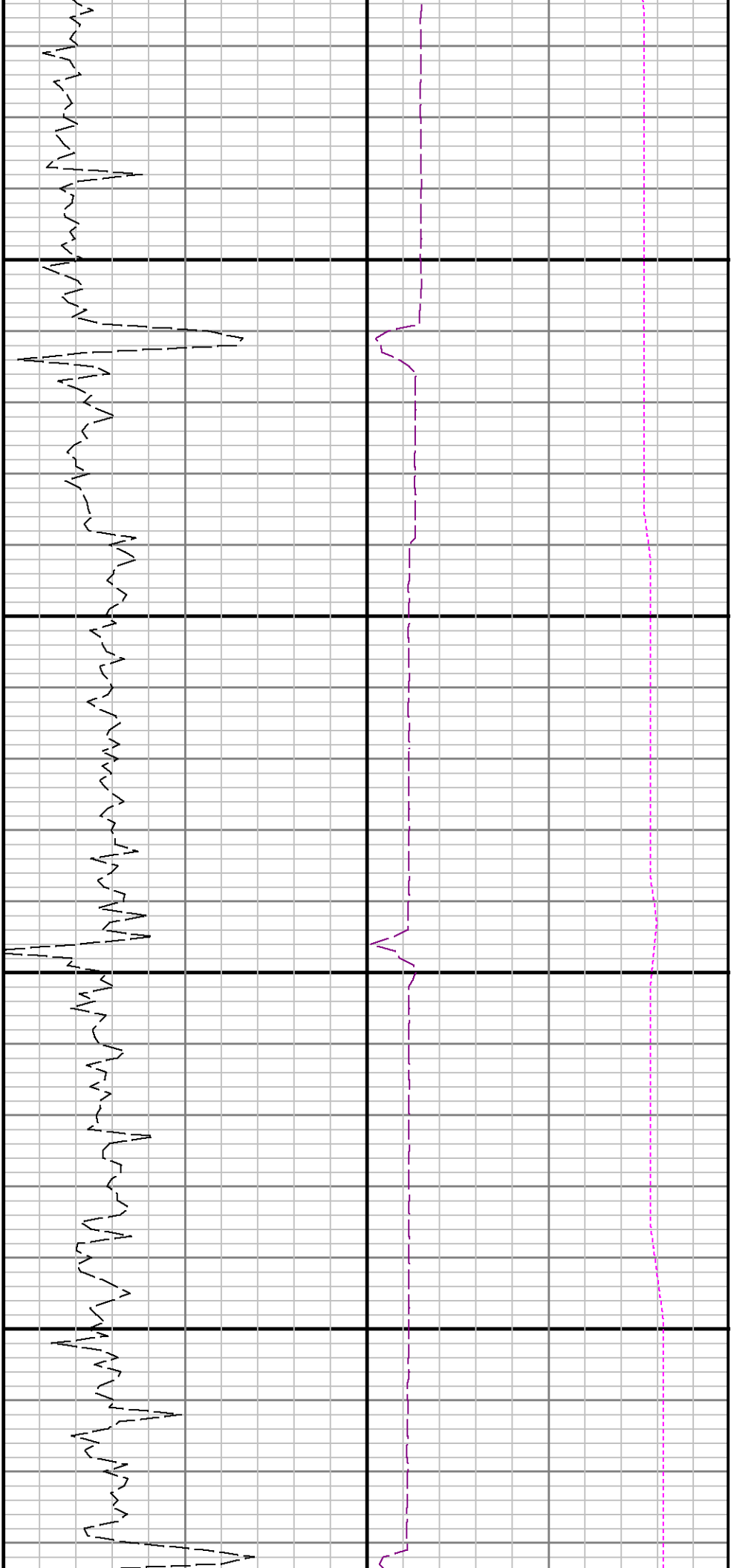


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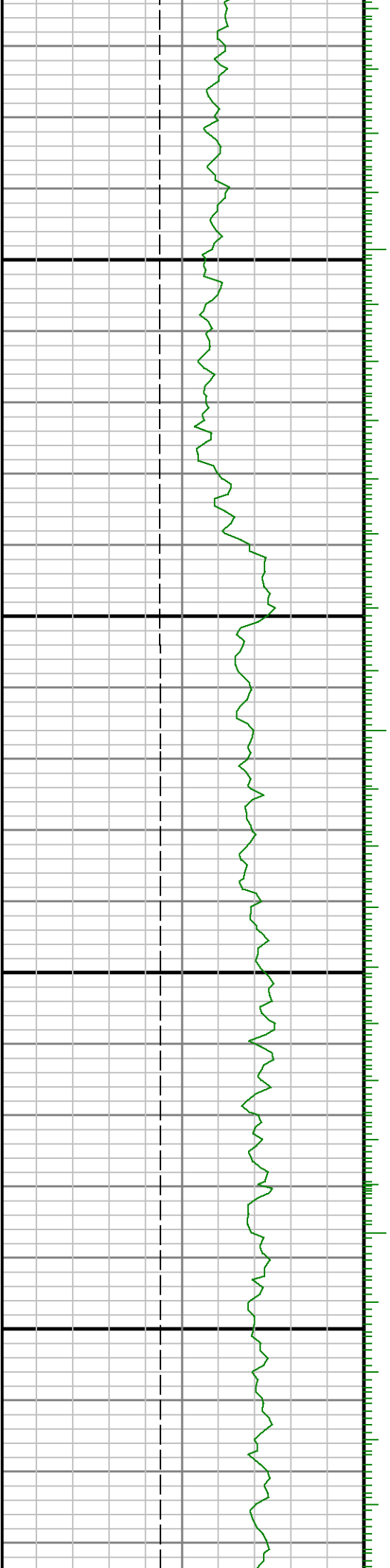
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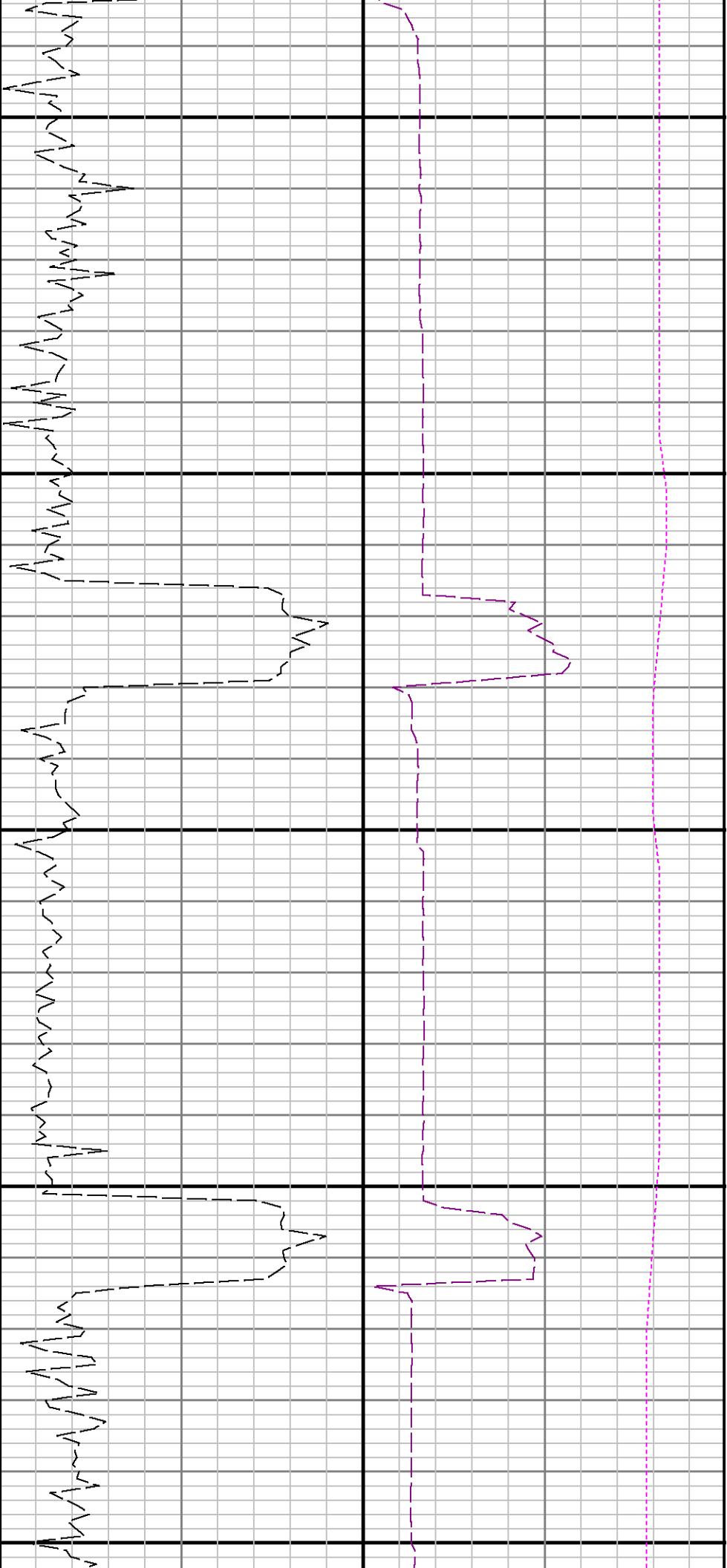




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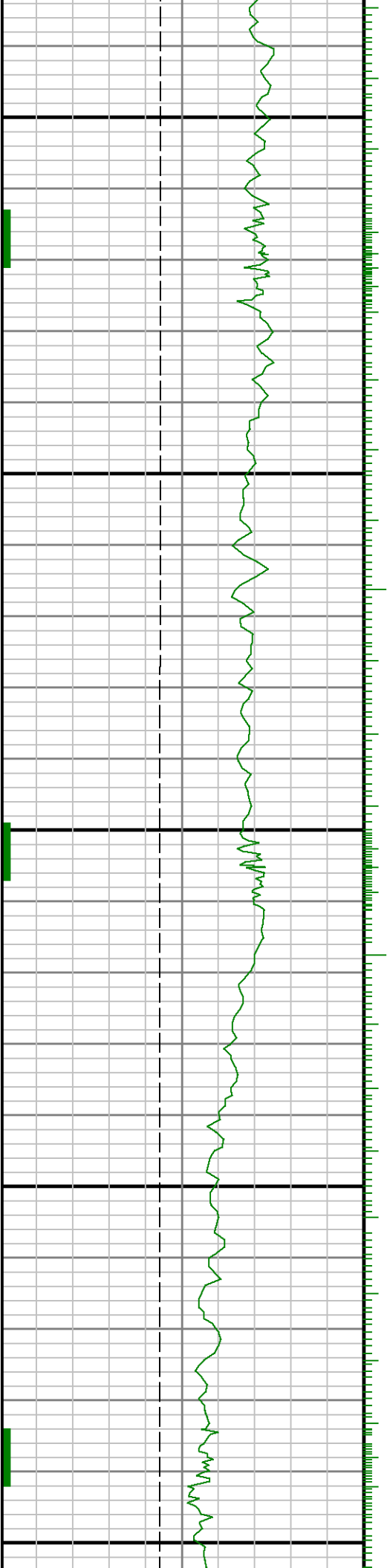
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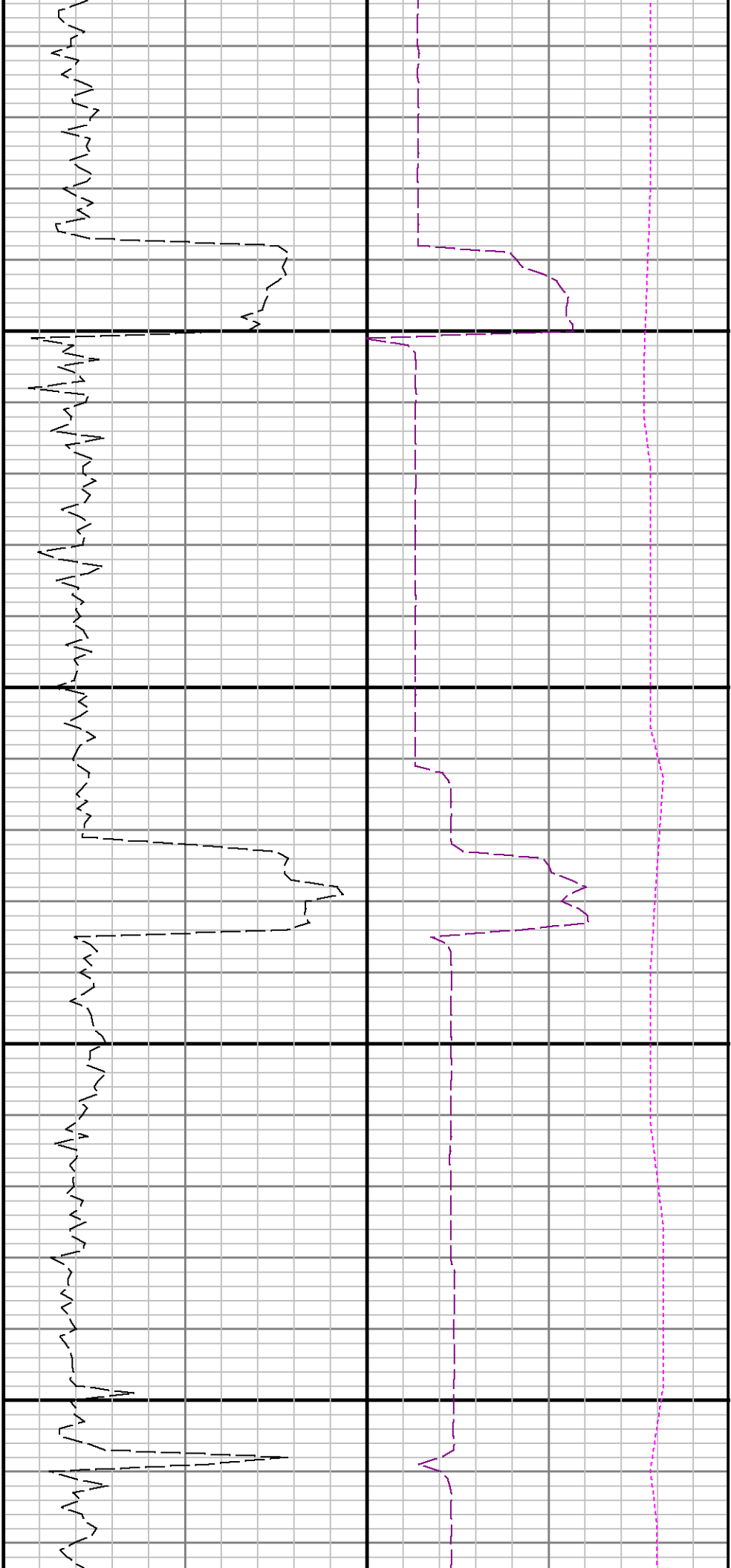


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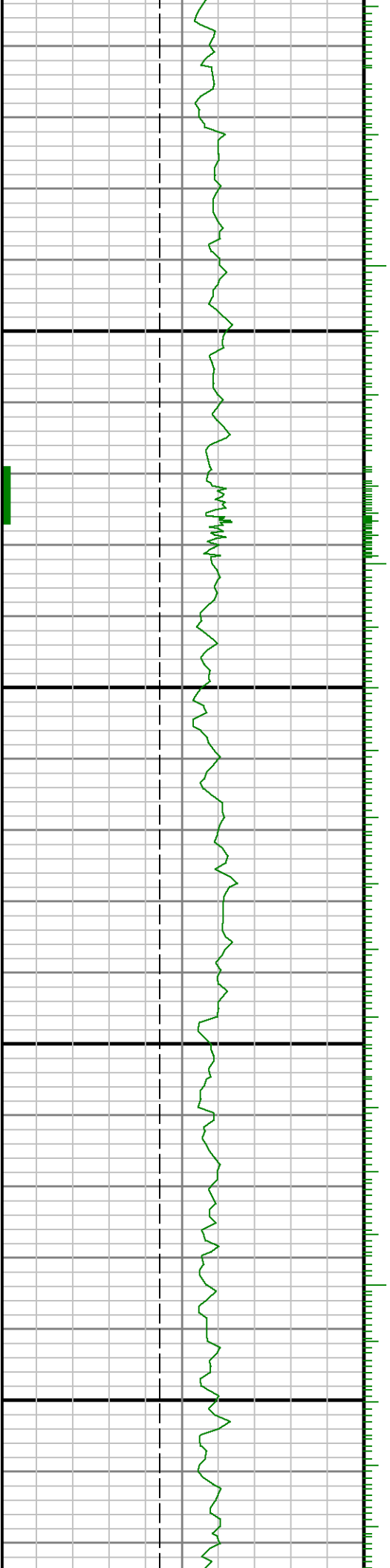


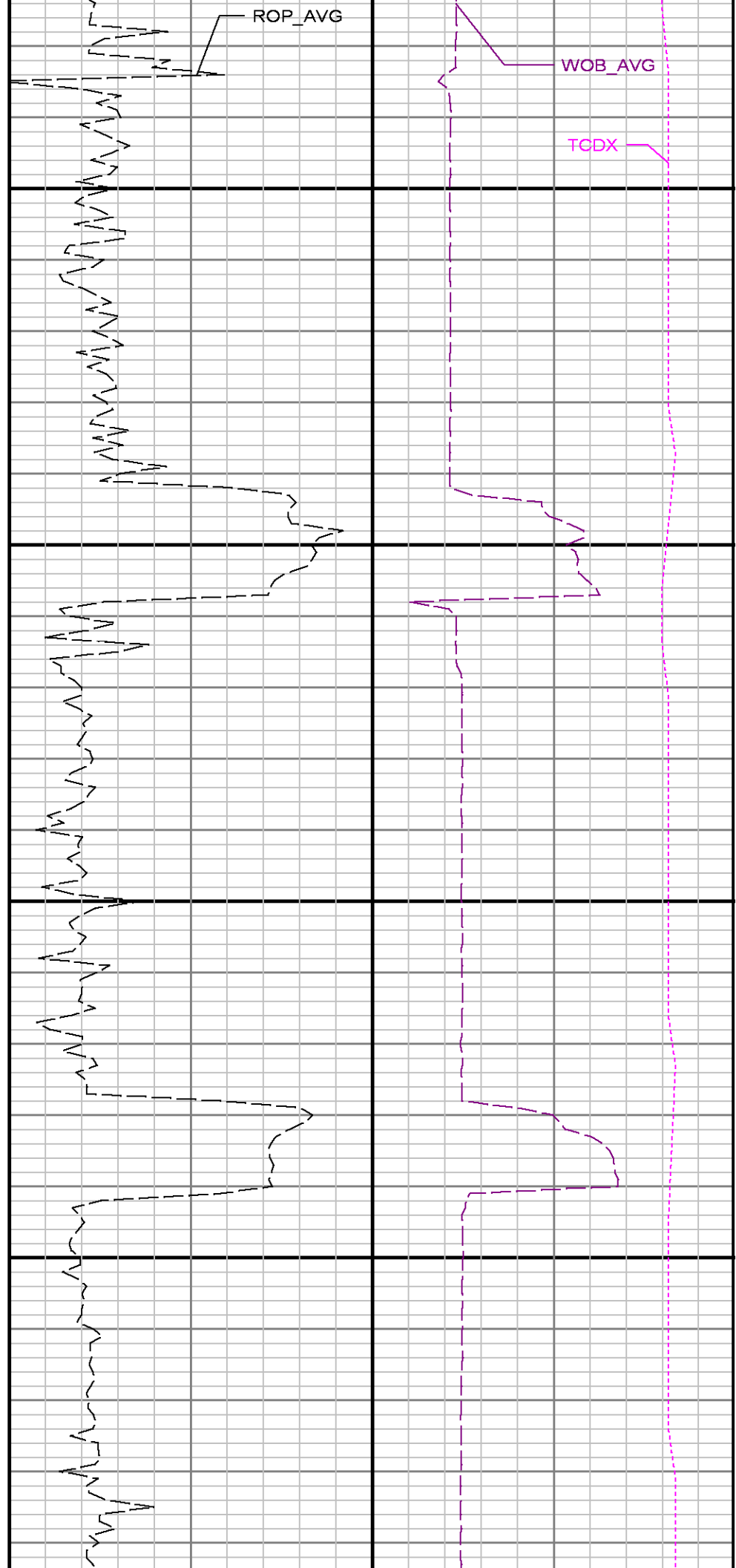
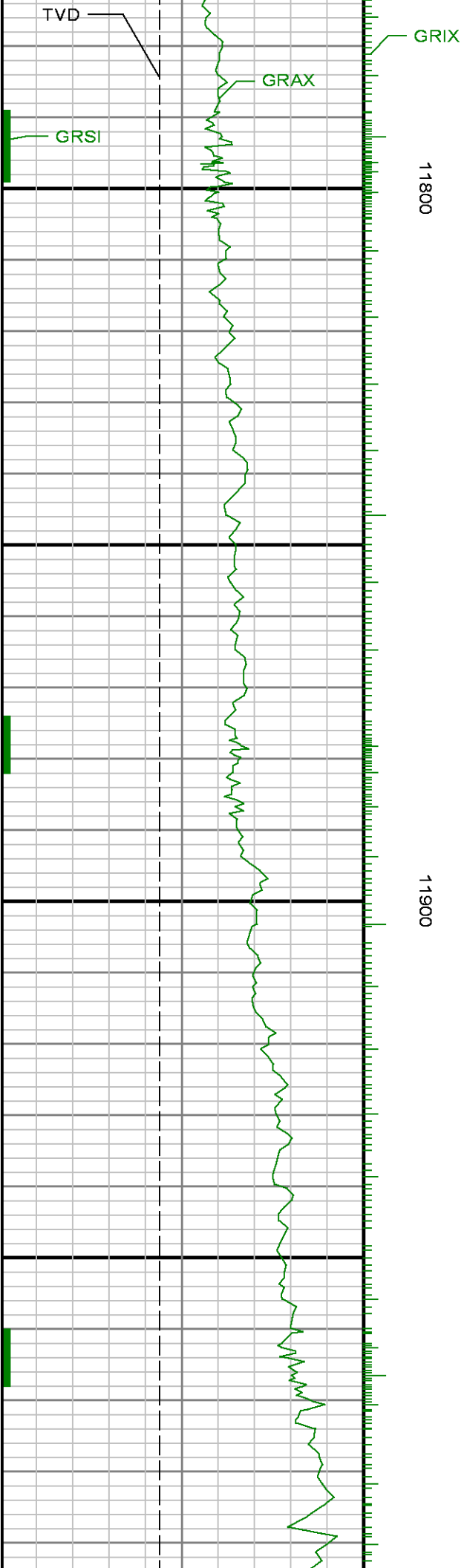


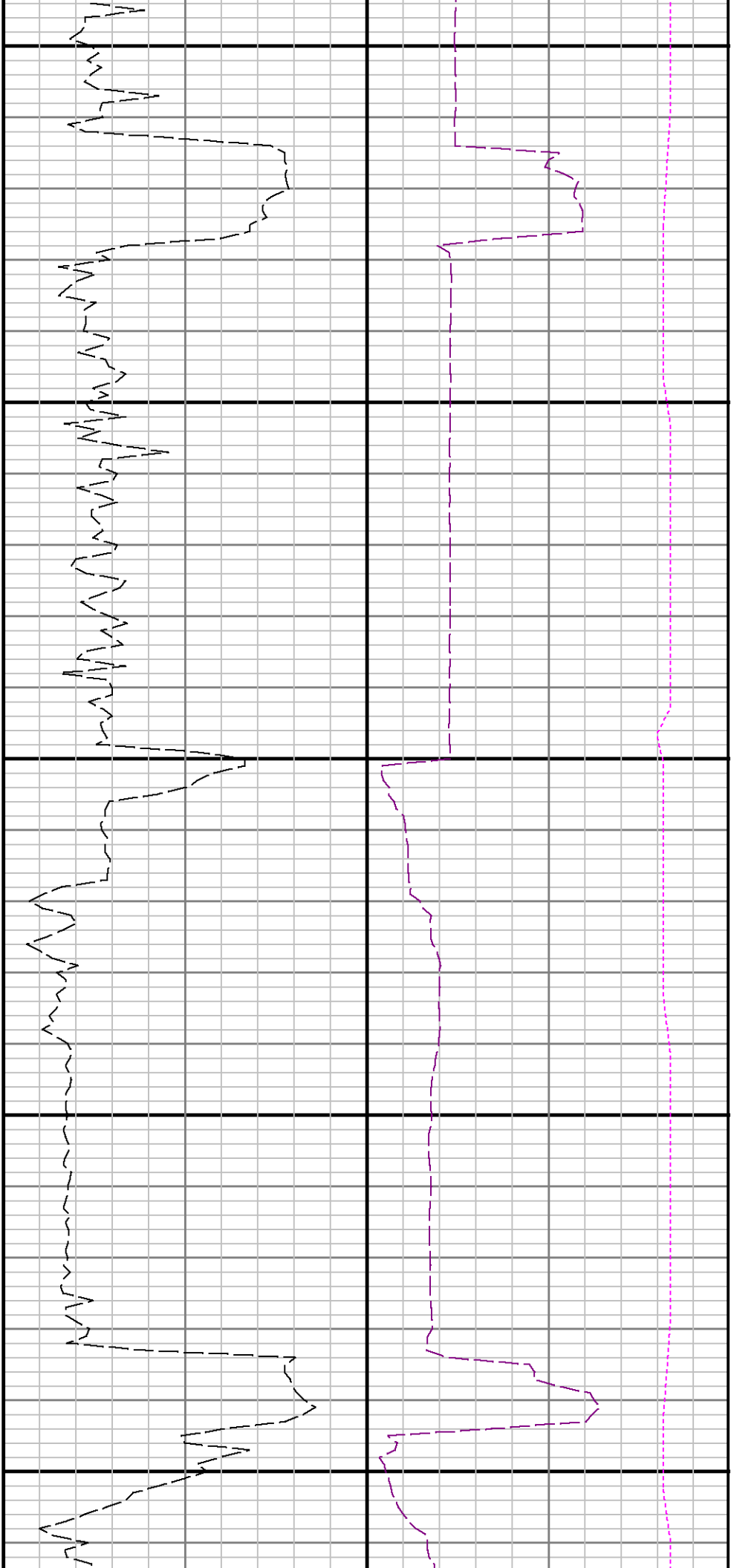


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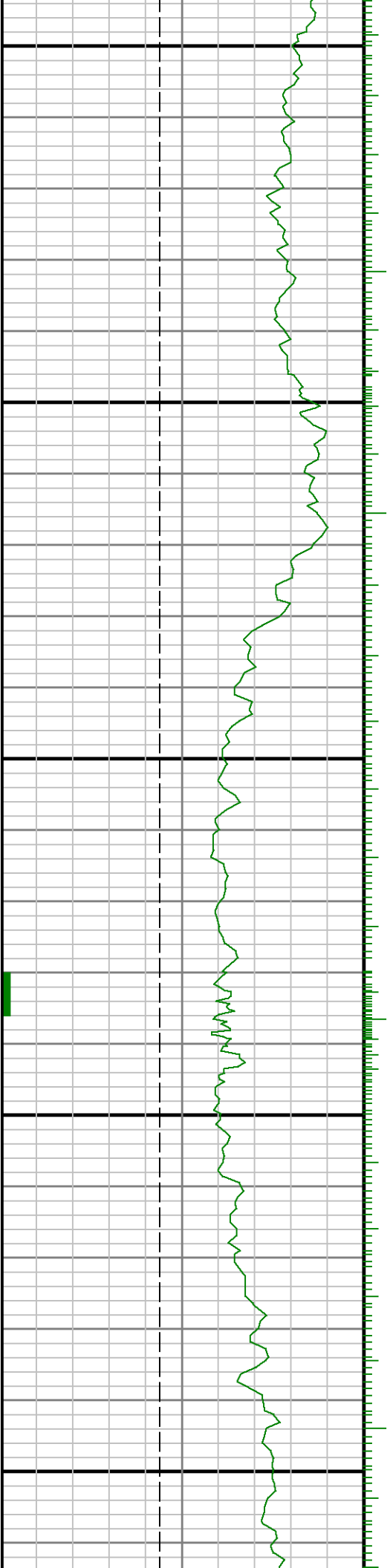


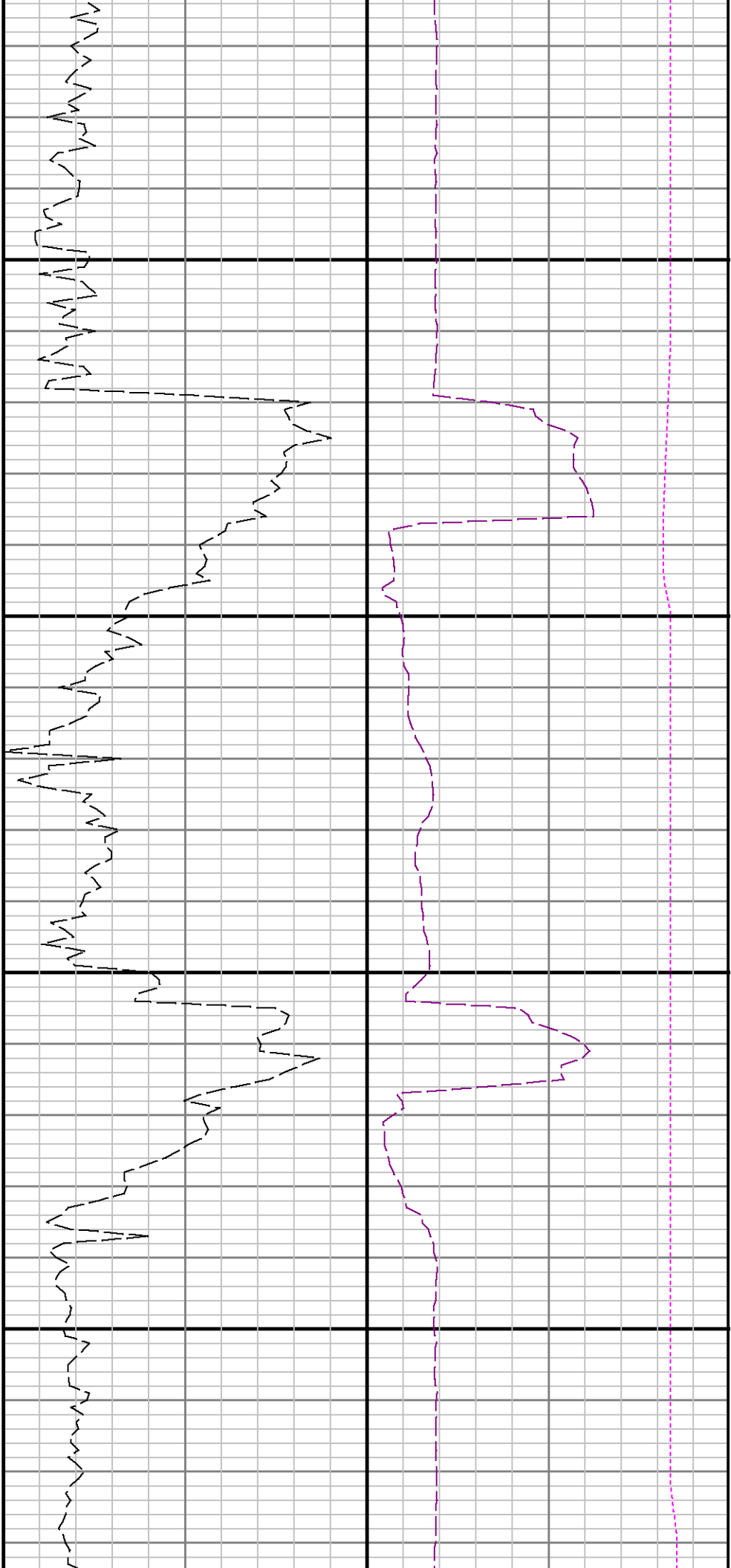


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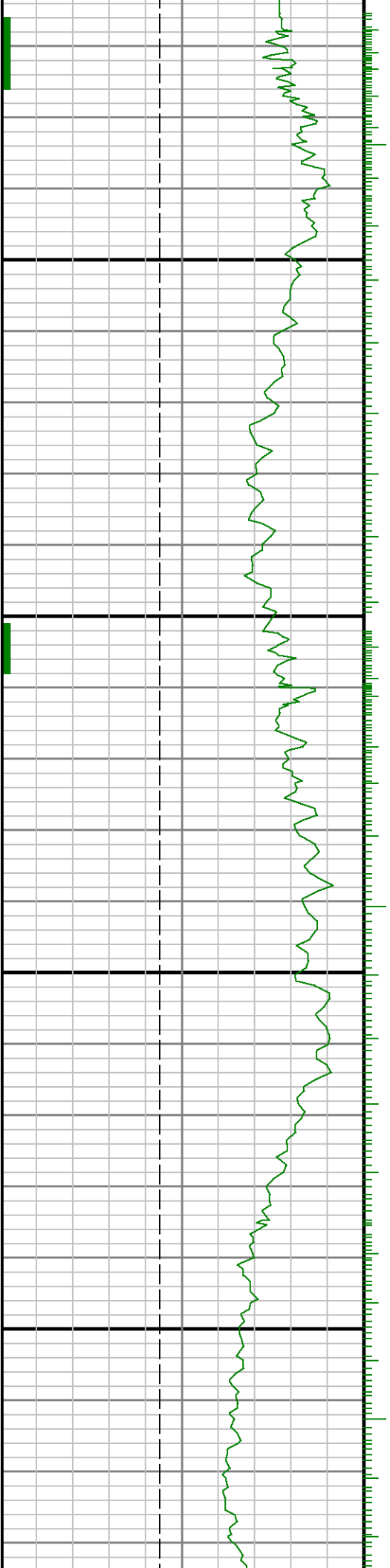
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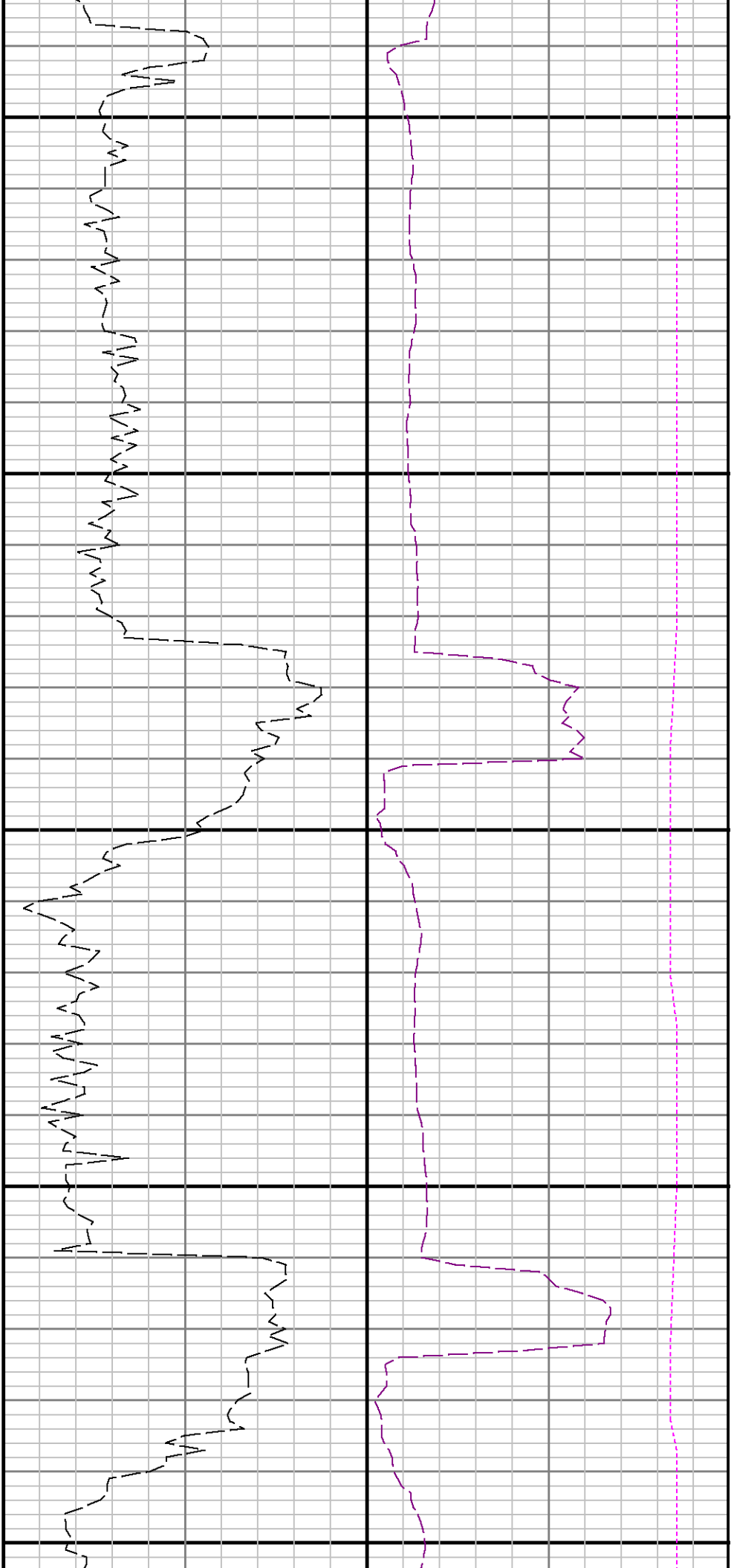




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