

Crew											
Name	Arrive	Depart		Name	Arrive	Depart		Name	Arrive	Depart	
	Wellsite	Wellsite			Wellsite	Wellsite			Wellsite	Wellsite	
Adam Harris	06/May/2015	12/May/2015		Matthew Leopold	06/May/2015	12/May/2015		Andrew Overbey	06/May/2015	11/May/2015	
Jason Cross	06/May/2015	11/May/2015		Osagie Otoikhine	11/May/2015	12/May/2015		Dan Pope	11/May/2015	12/May/2015	

Mud Properties Record

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+ (%)
07/May/2015 18:00	1	1573	Diesel-Oil Based	9.1	64	N/A	N/A	68 / 24	Active Mud Pit	72000	0.0
08/May/2015 18:43	2	1573	Diesel-Oil Based	9.1	64	0.0	0.0	68 / 24	Active Mud Pit	72000	0.0
09/May/2015 18:00	2	8198	Diesel-Oil Based	9.2	57	N/A	N/A	63 / 27	Active Mud Pit	55000	0.0
10/May/2015 18:00	2	11884	Diesel-Oil Based	9.3	56	N/A	N/A	62 / 27	Active Mud Pit	64000	0.0
11/May/2015 18:00	3	12940	Diesel-Oil Based	9.7	92	N/A	N/A	62 / 26	Active Mud Pit	62000	0.0

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	12456790	Directional	48.75	6.750	3.125
1	SRIG	12041110	Gamma	45.38	6.750	3.125
2	DIR	12592552	Directional	49.04	6.750	3.125
2	SRIG	12600745	Gamma	45.67	6.750	3.125
3	DIR	12592552	Directional	50.78	6.750	3.125
3	SRIG	12600745	Gamma	47.41	6.750	3.125

Service and Tool Mnemonics

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

Comments

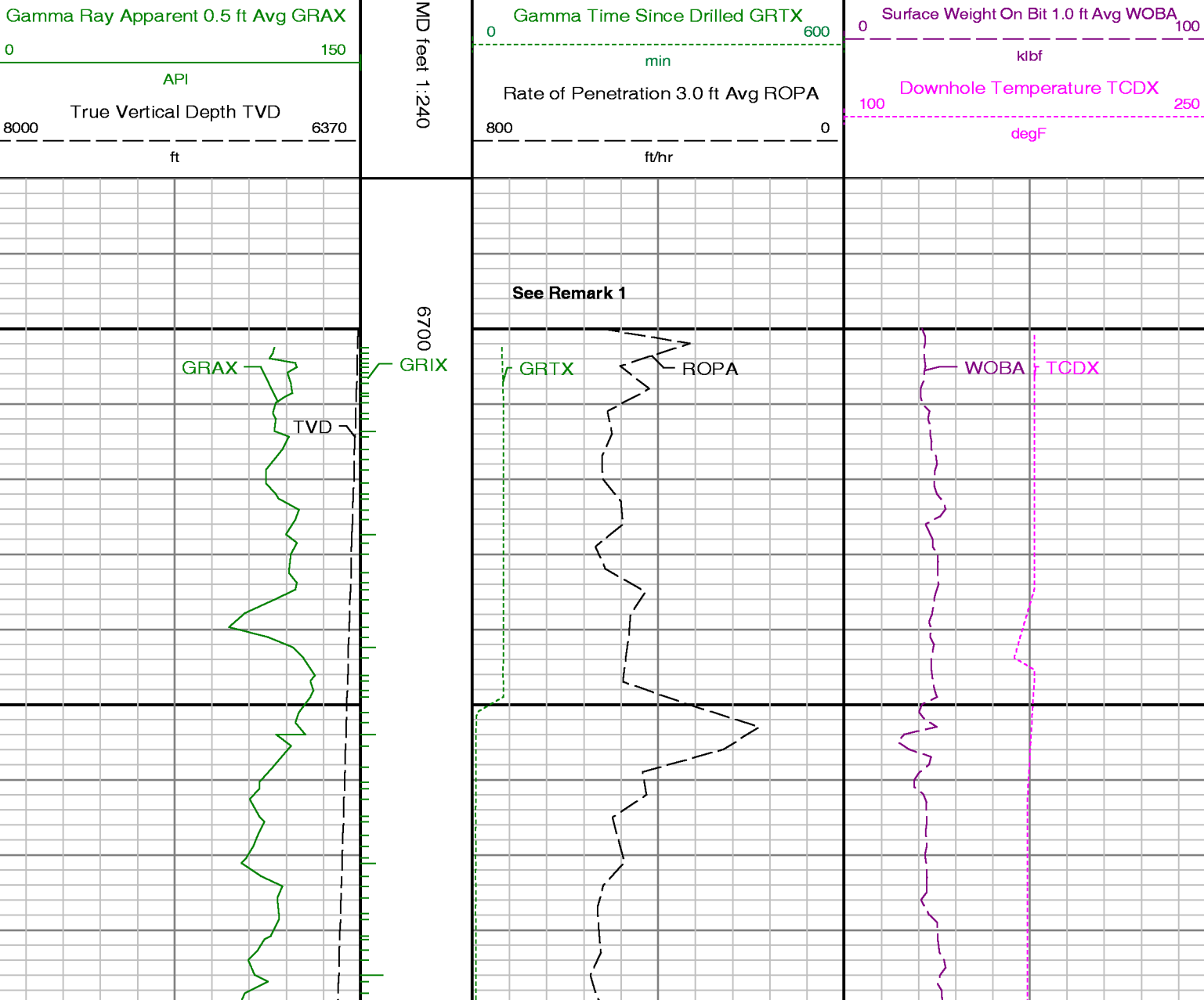
- 1) Baker Hughes INTEQ runs 1, 2, and 3 utilized a 6.5 inch NaviGamma (Directional and Gamma Ray) tool ran behind an 7 7/8 inch bit with a steerable assembly from 1537 to 13537 feet MD (1536 to 7254 feet TVD).
- 2) Depth measurements obtained from a depth control system not supplied or operated by Baker Hughes INTEQ. Due to lack of control by Baker Hughes INTEQ logging engineers, depth calibration and measurements could not be independently verified.
- 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.

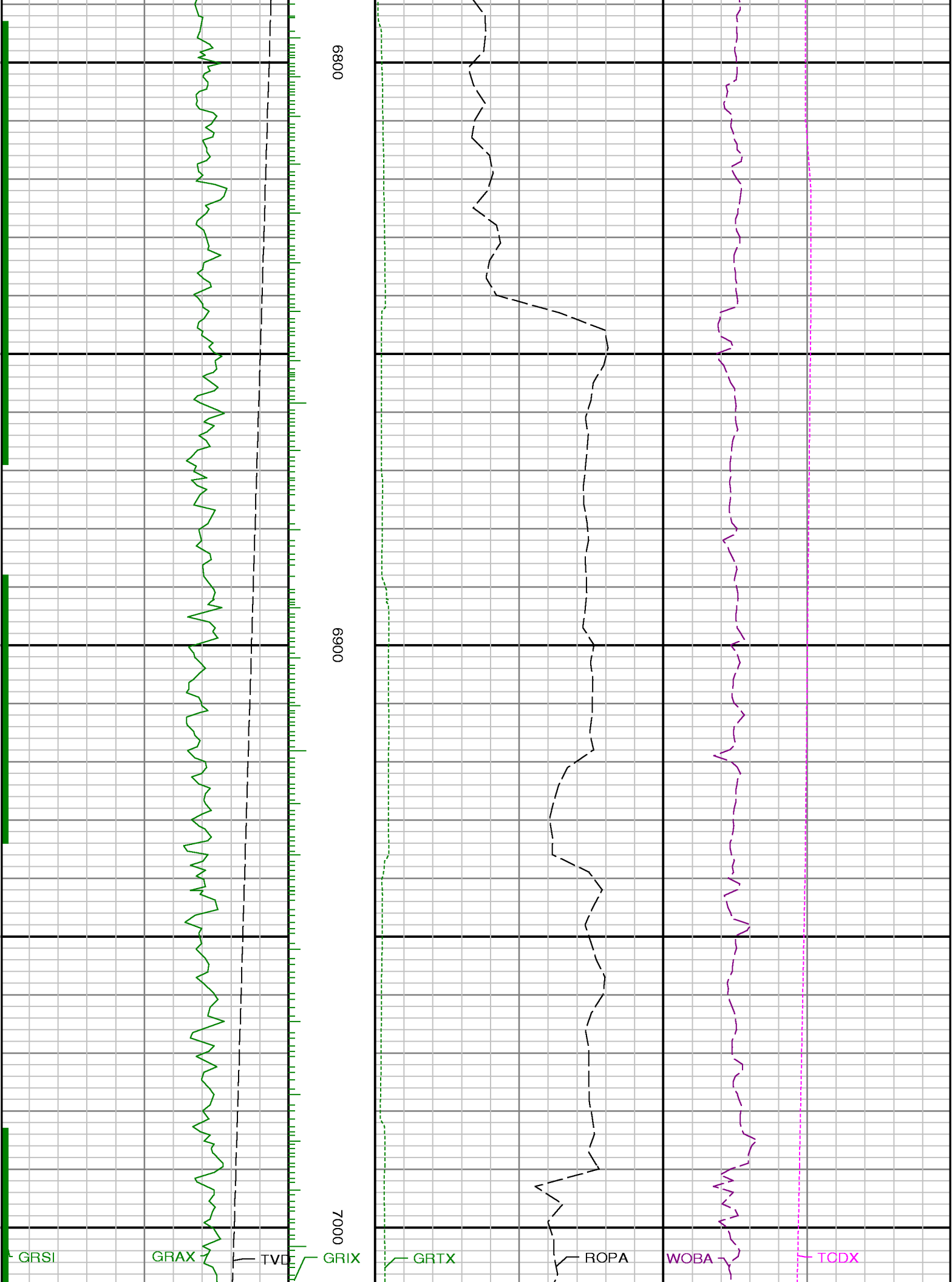
Remarks

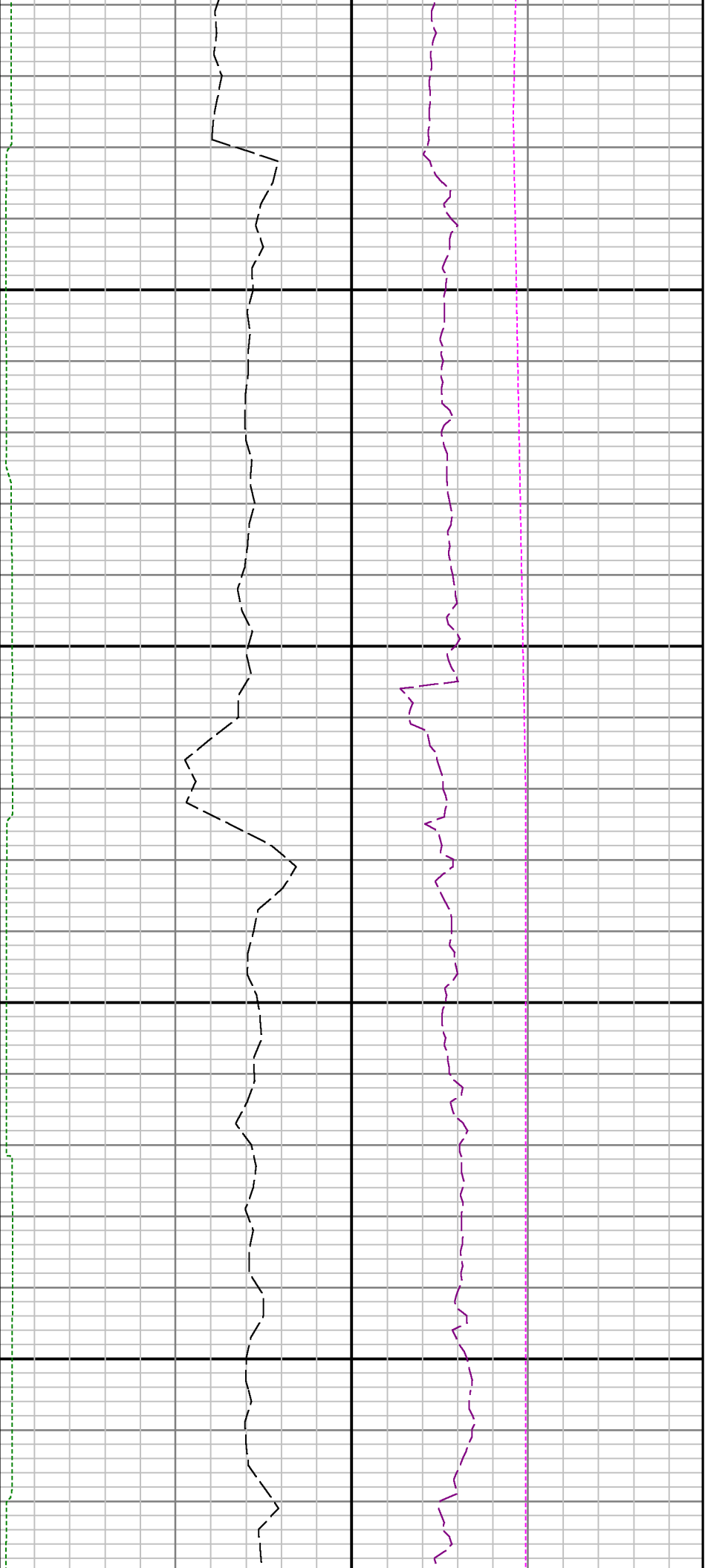
Number	Measured Depth (ft.)	Hole Section (in.)	LWD Run No.	Remark
1	6695	7.875	2	The interval from Surface to 6700 feet MD (1536 to 6370 feet TVD) was not logged due to directional only services required in the vertical.
2	12895	7.875	3	The interval from 12889 to 12942 feet MD (7226 feet TVD) was logged up to 19 hours after being drilled due to trip out of hole to change BHA.
3	13493	7.875	3	The interval from 13488 to 13537 feet MD (7253 feet TVD) has no GRAX, GRIX or GRTX due to the Gamma Ray sensor offset to bit.



Company : Kerr-McGee Oil & Gas
Well : Green 4N-8HZ
Interval : 6680.00 - 13575.00 feet
Created : 12/May/2015 7:47:34 AM

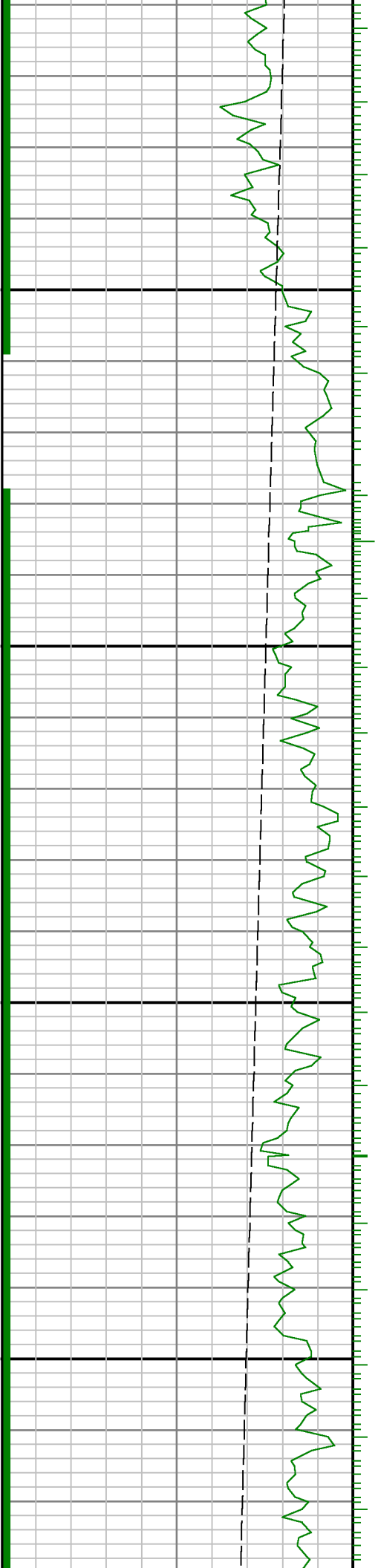


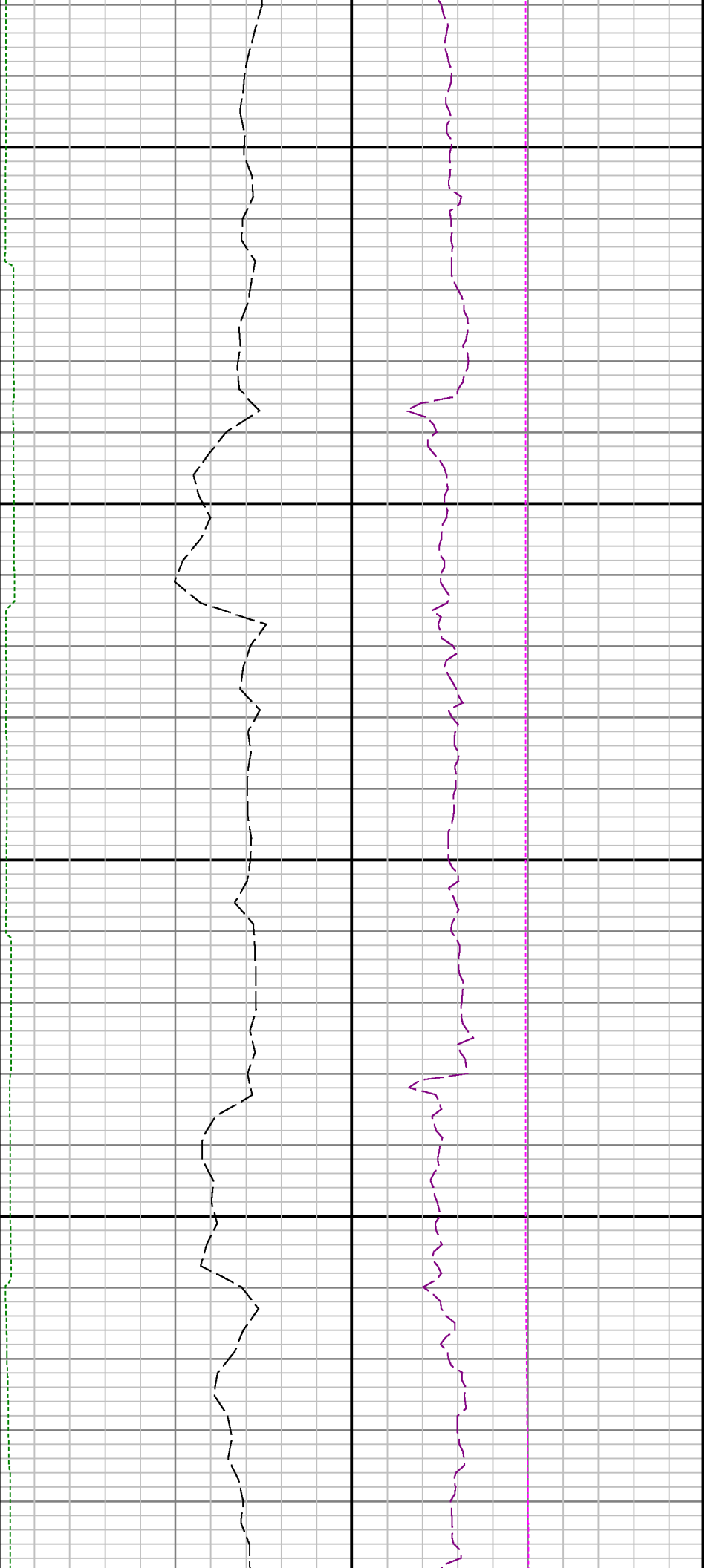




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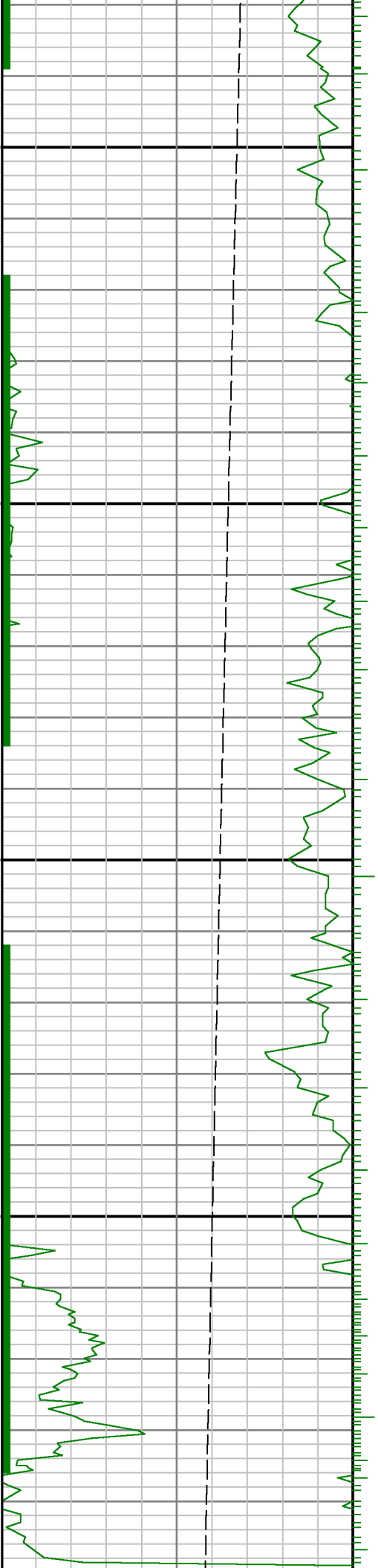
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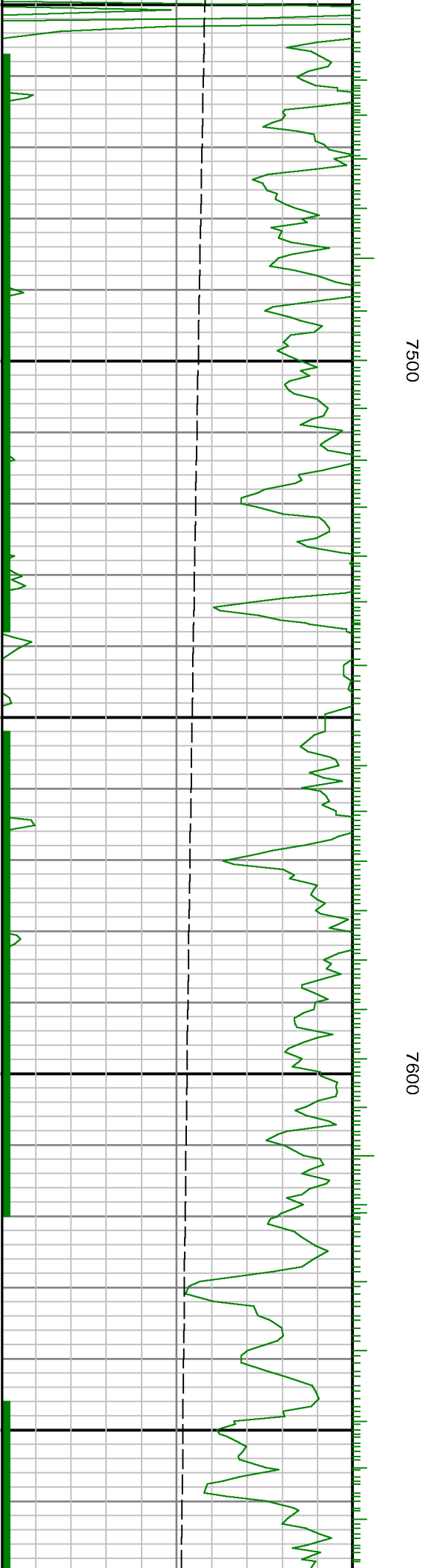
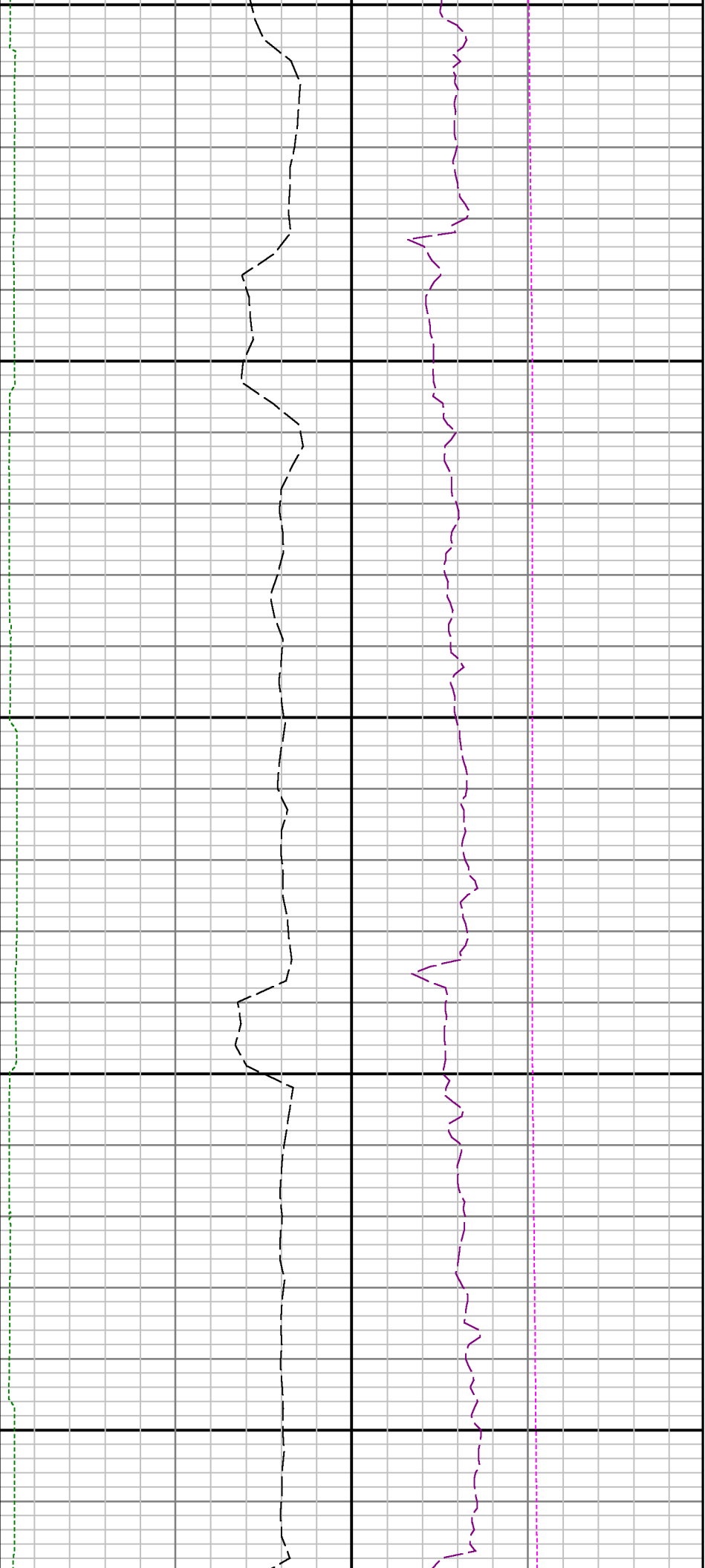


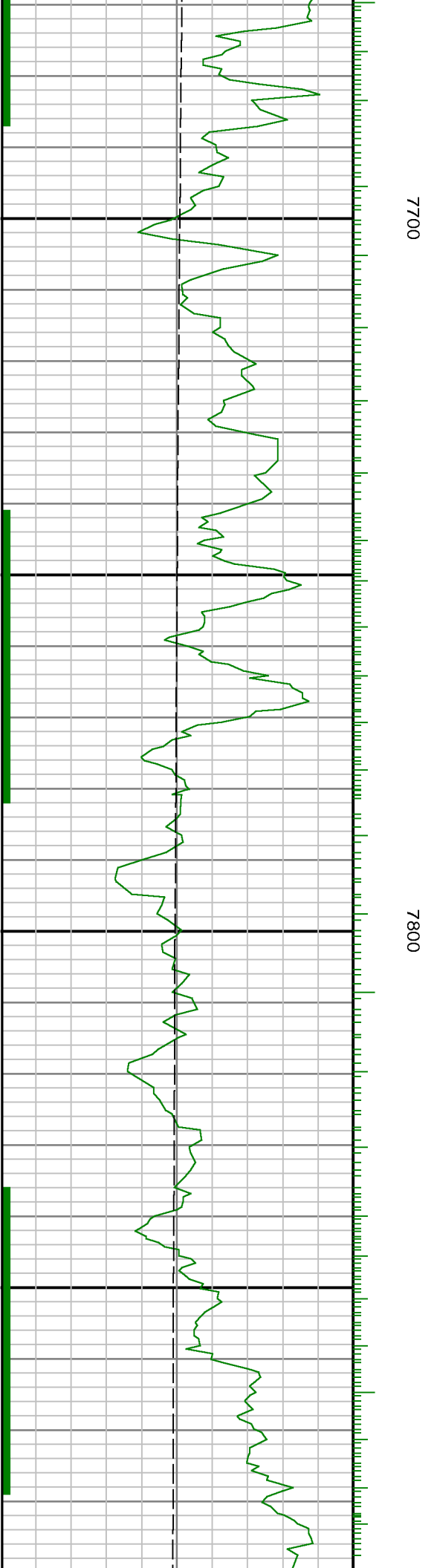
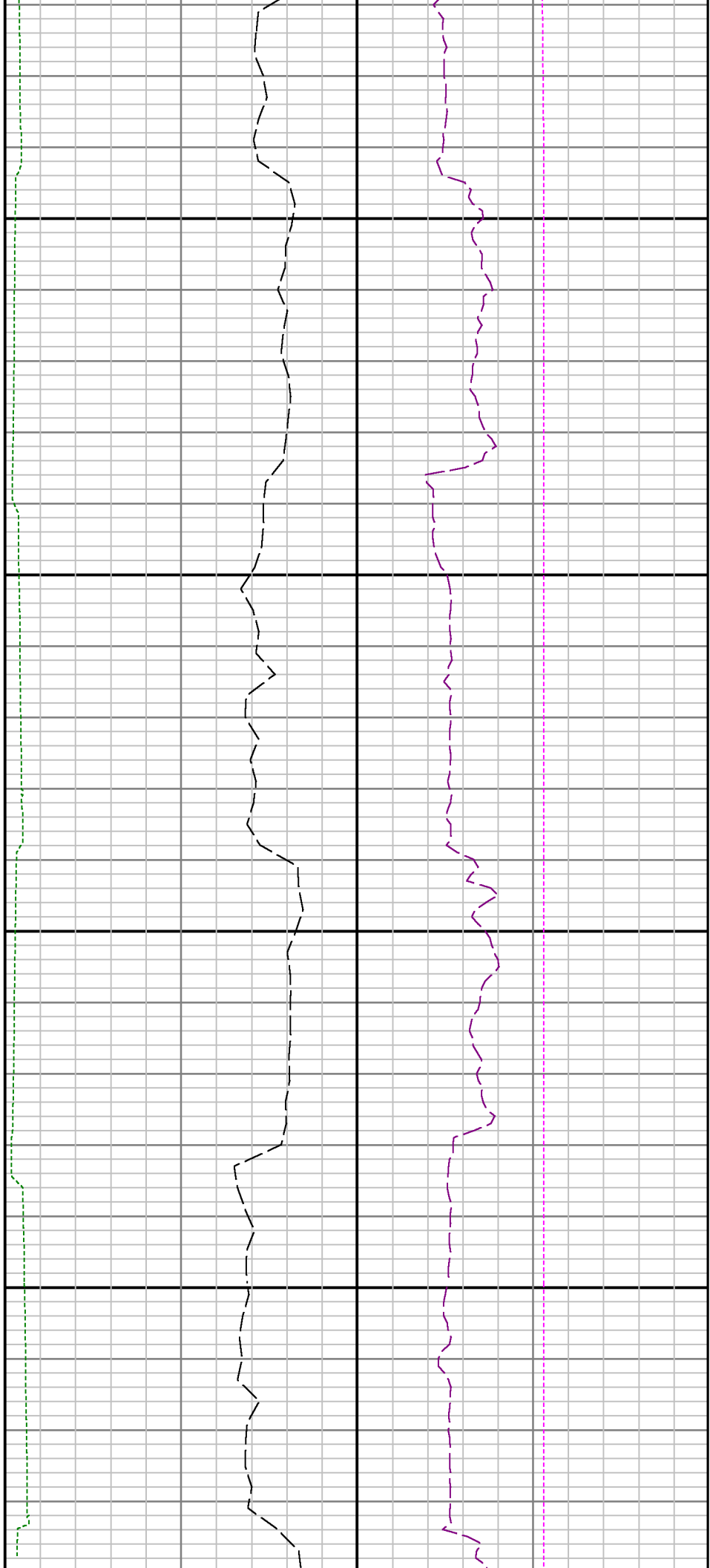


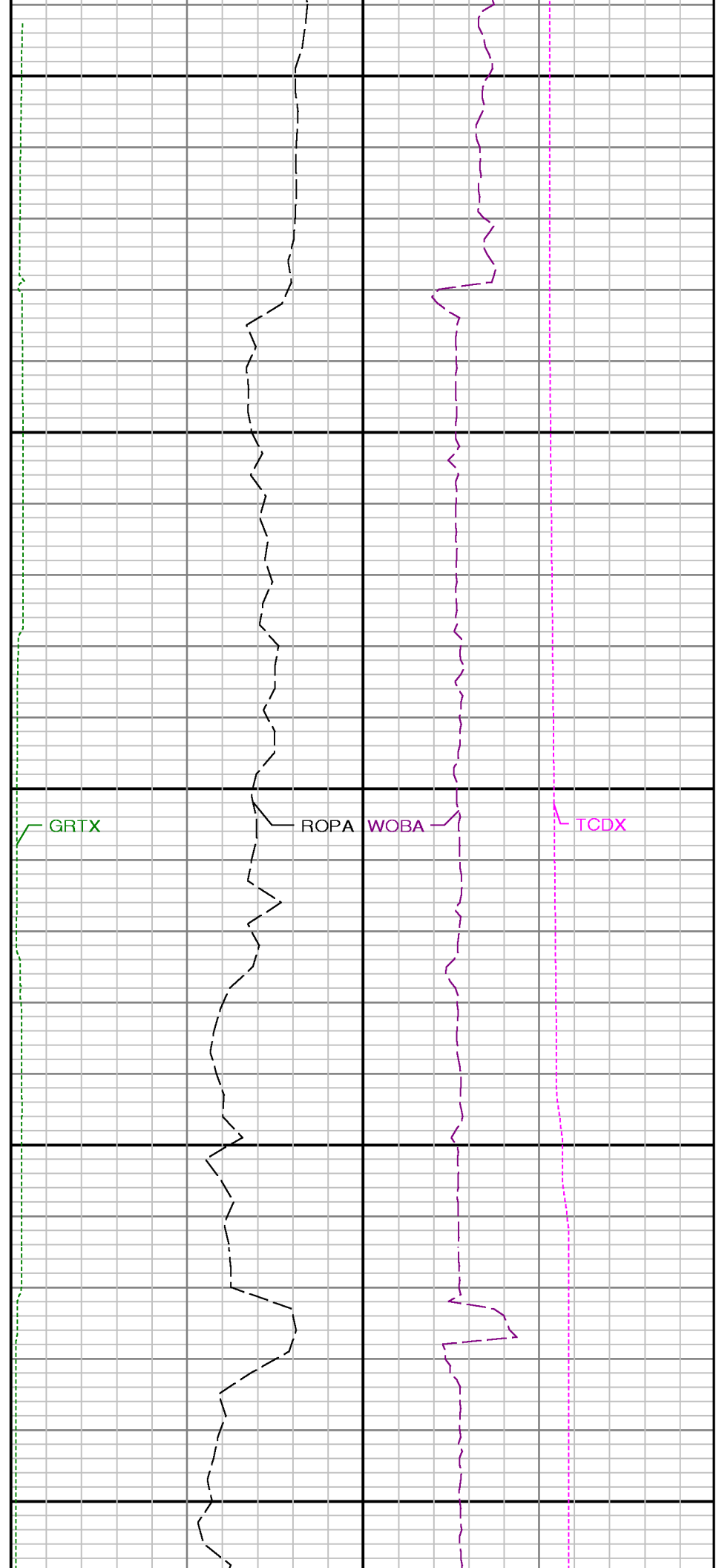
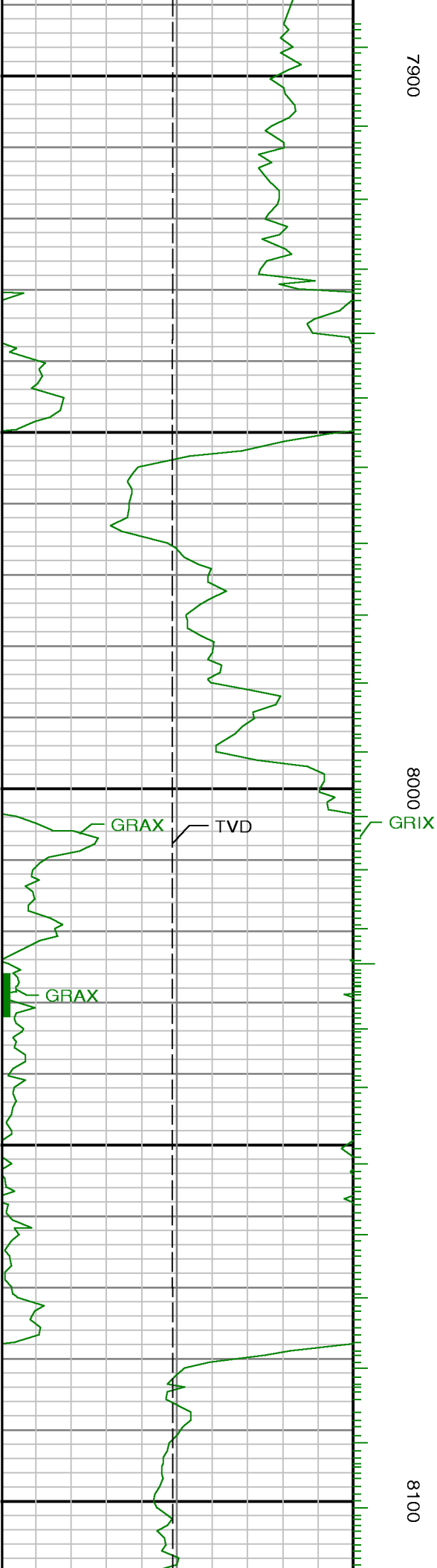
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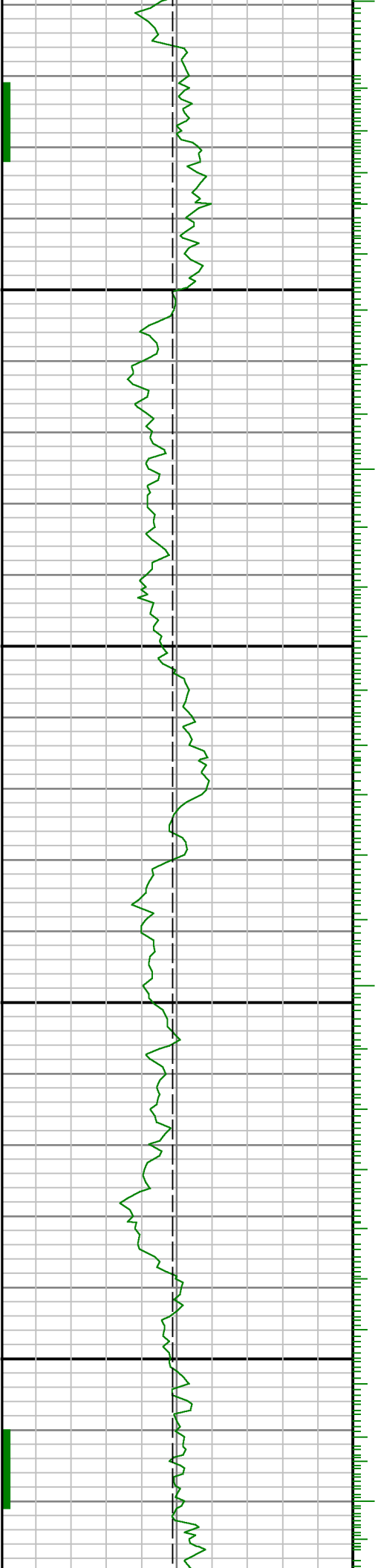


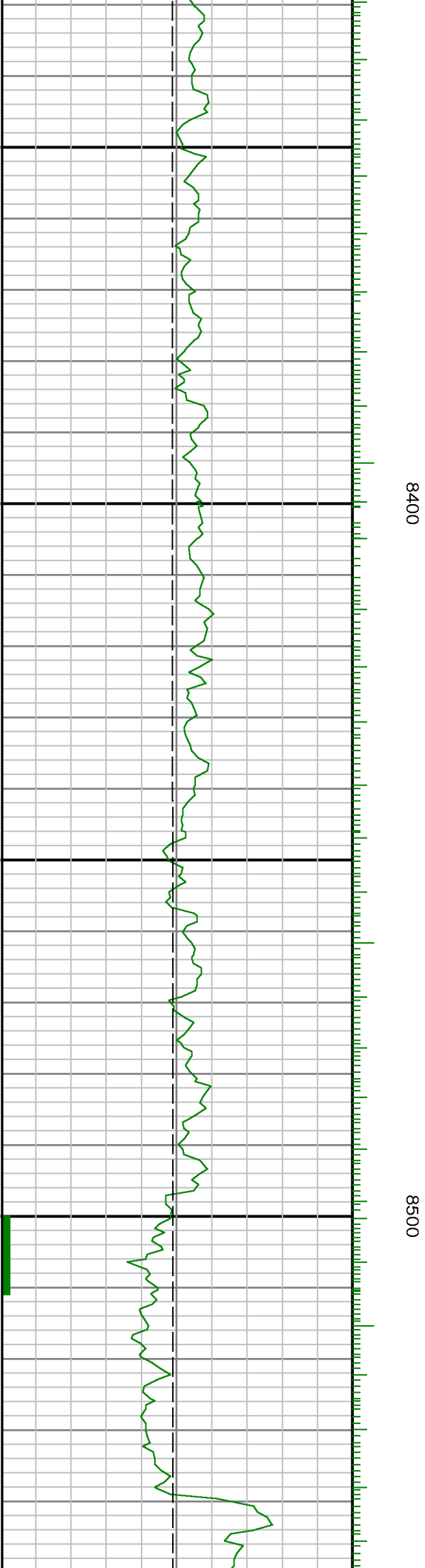
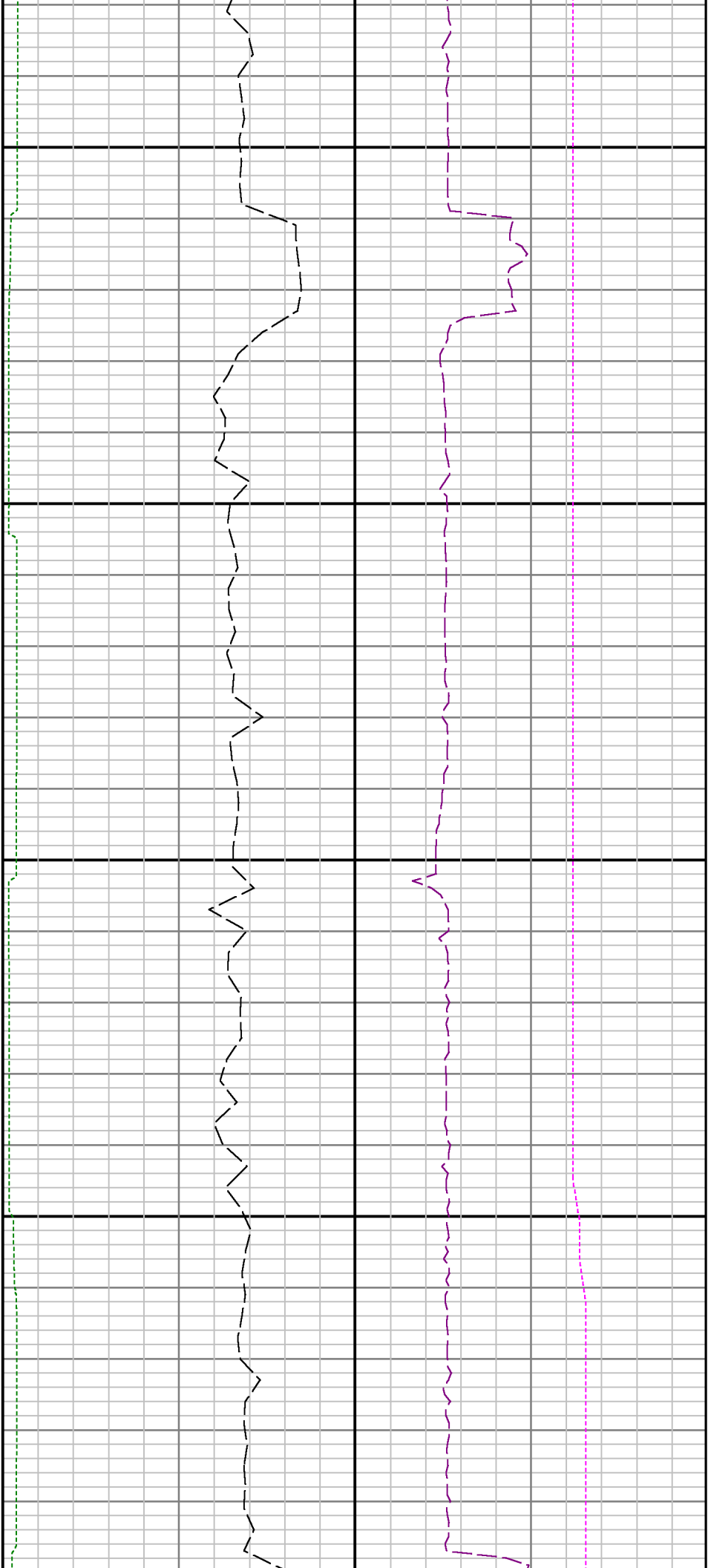


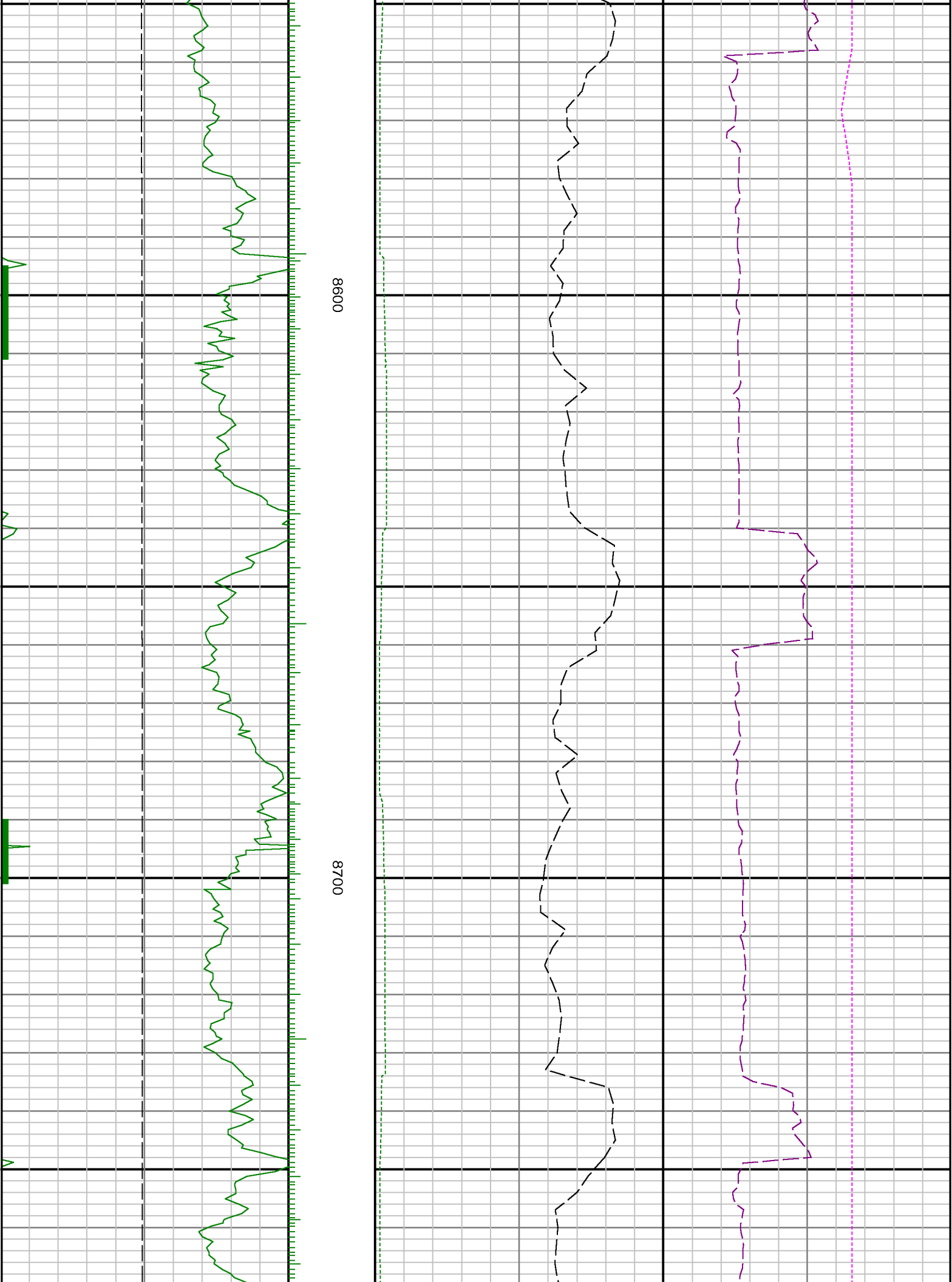


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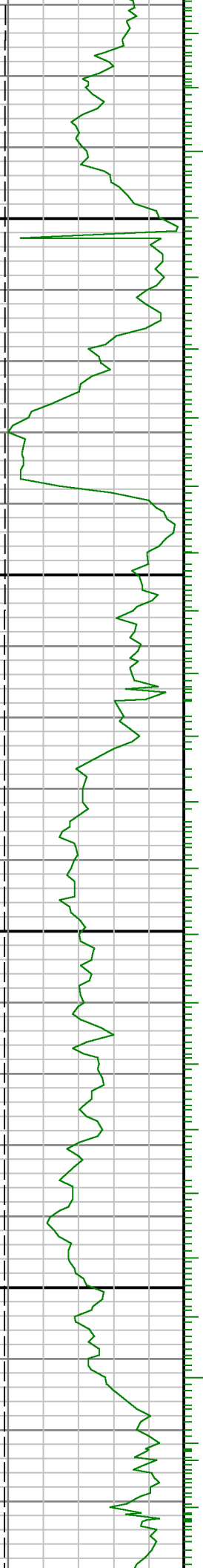
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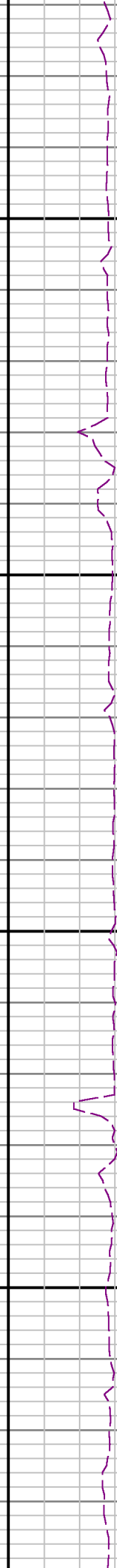
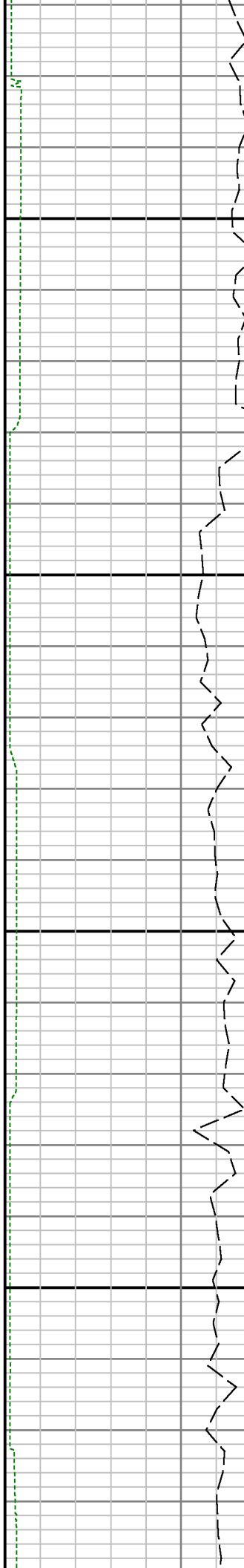


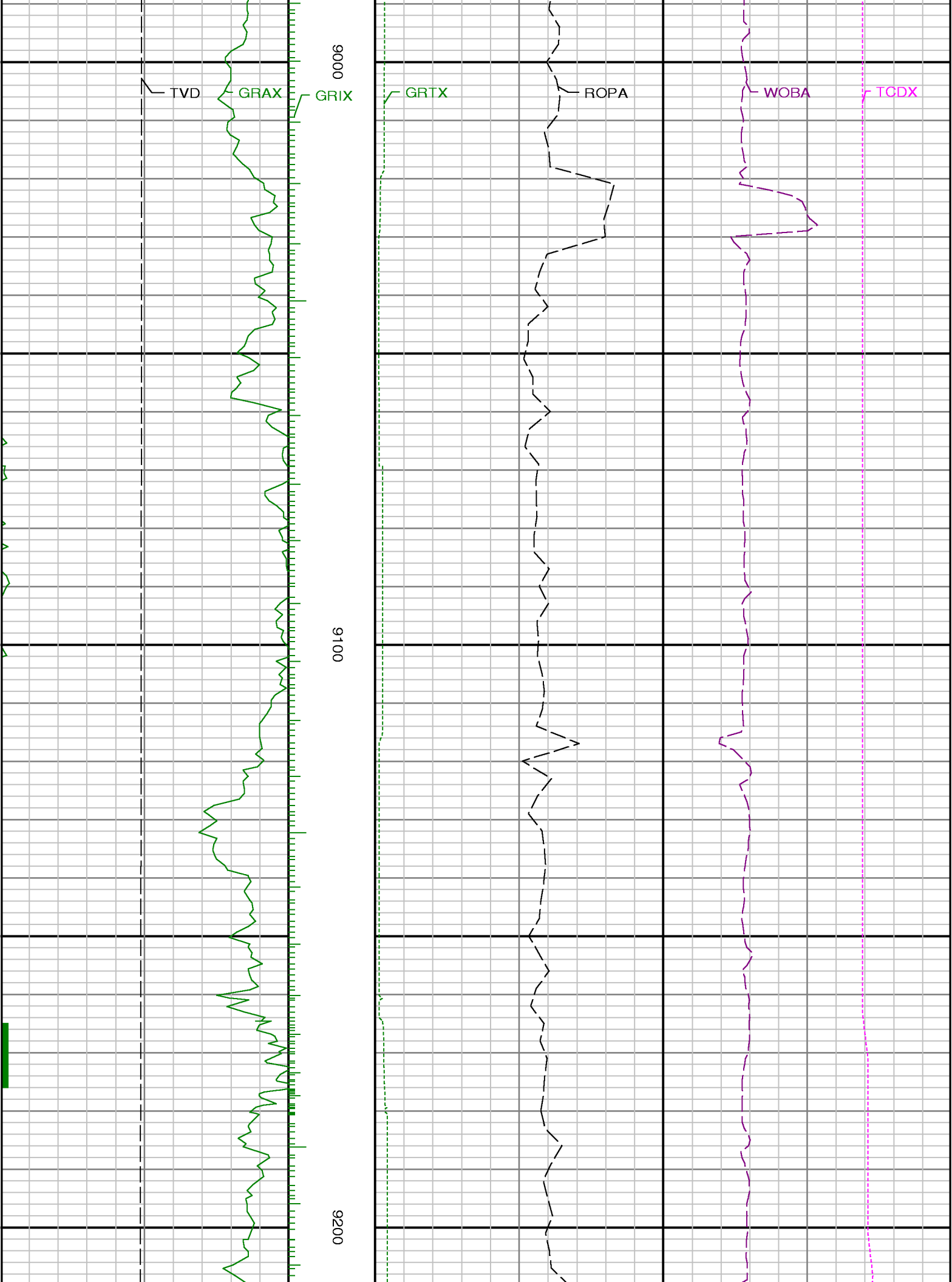
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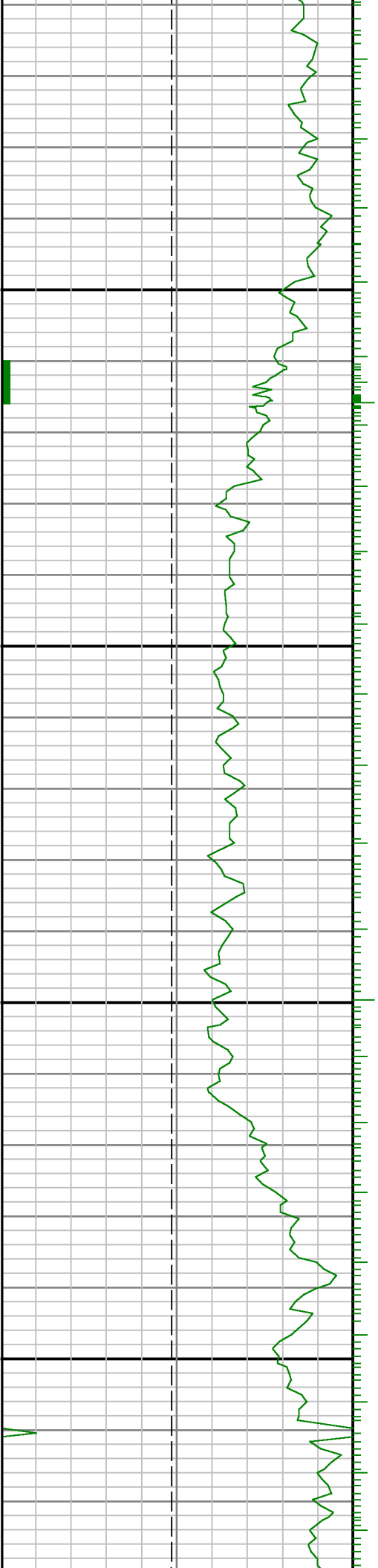


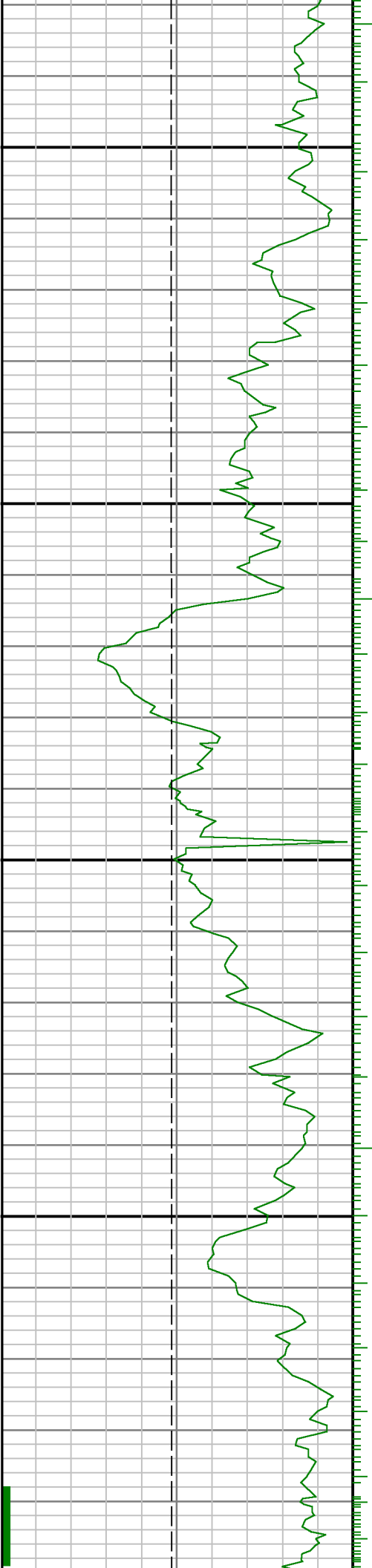




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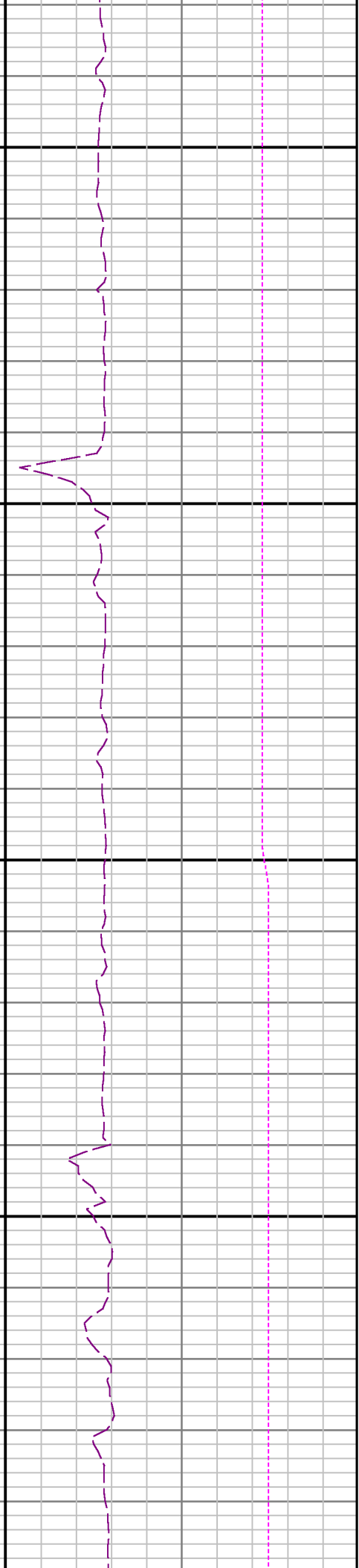
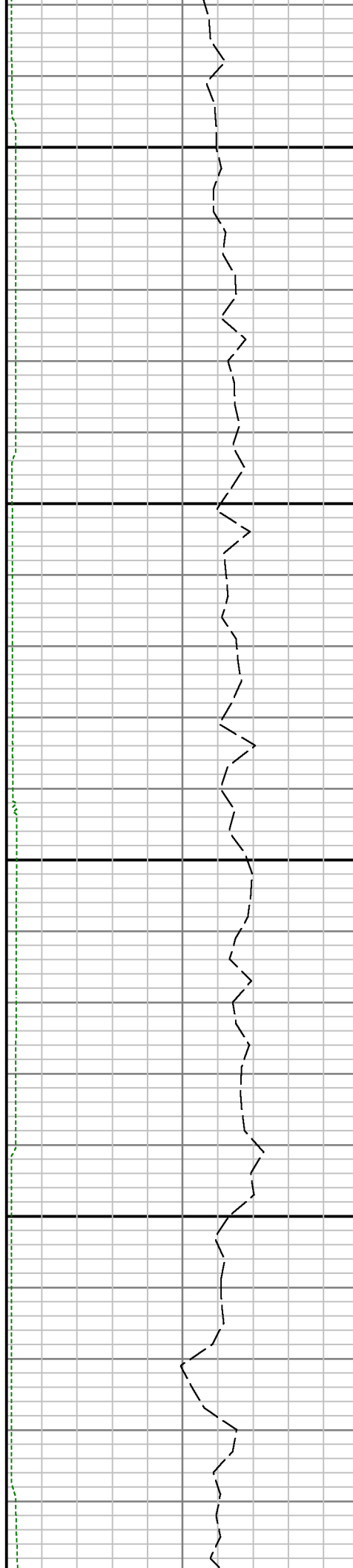
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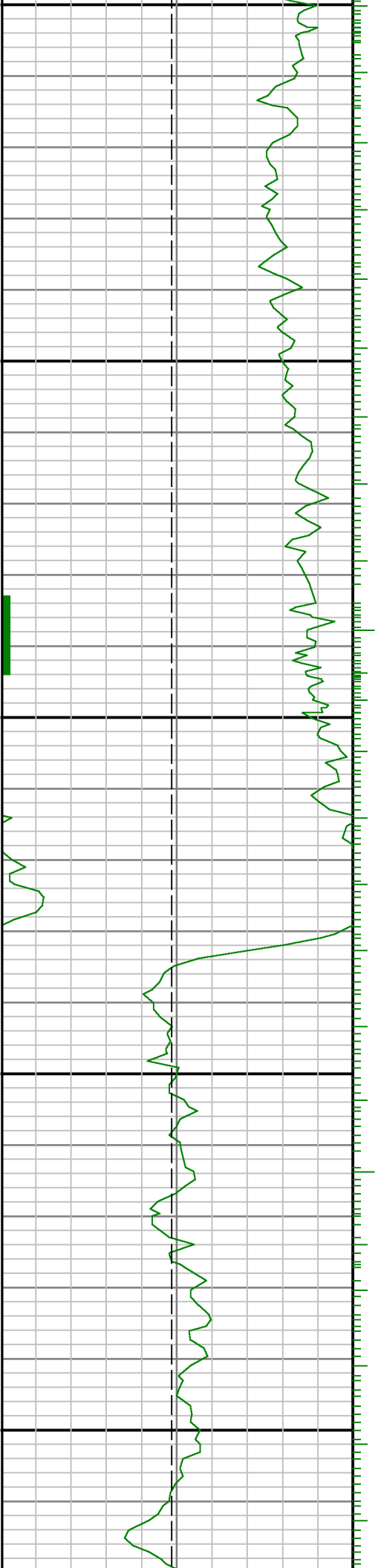




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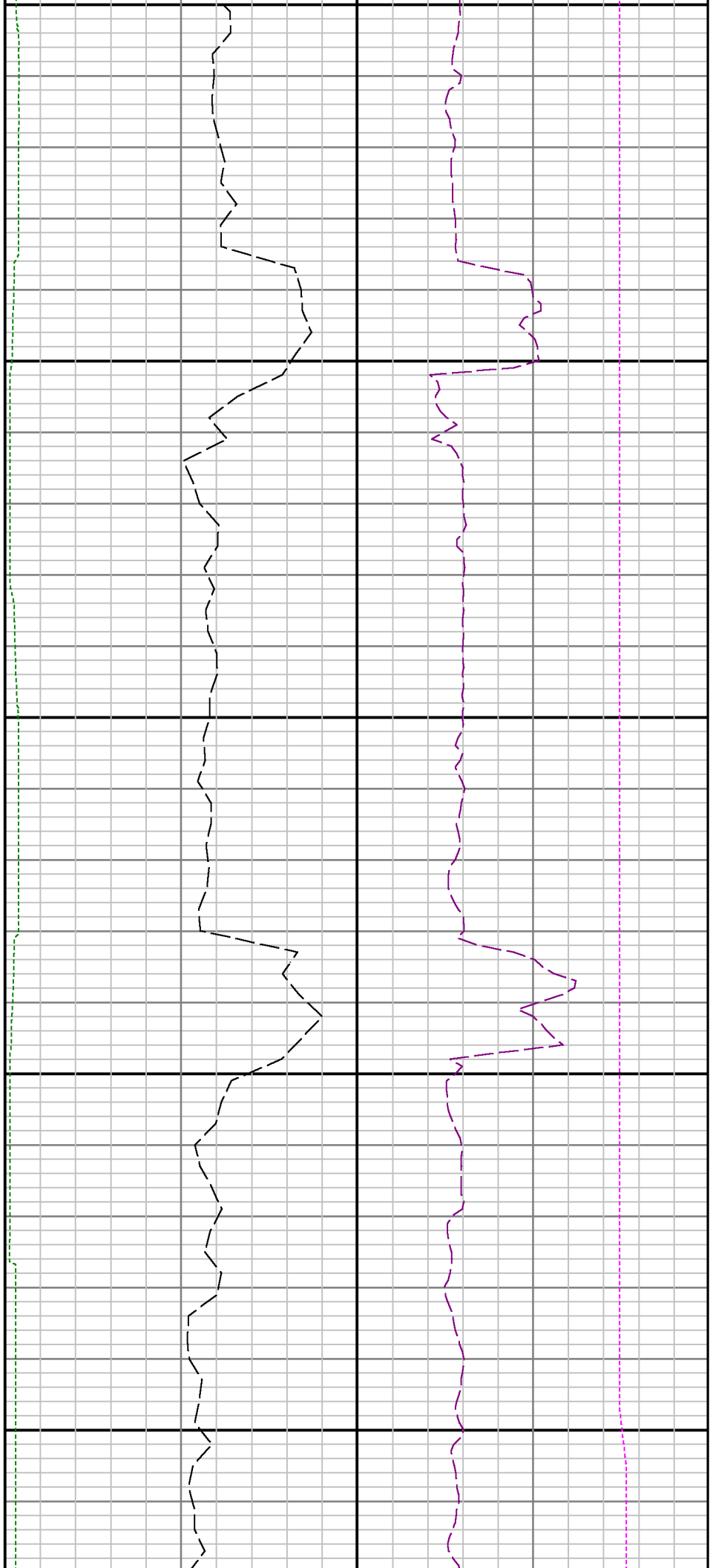
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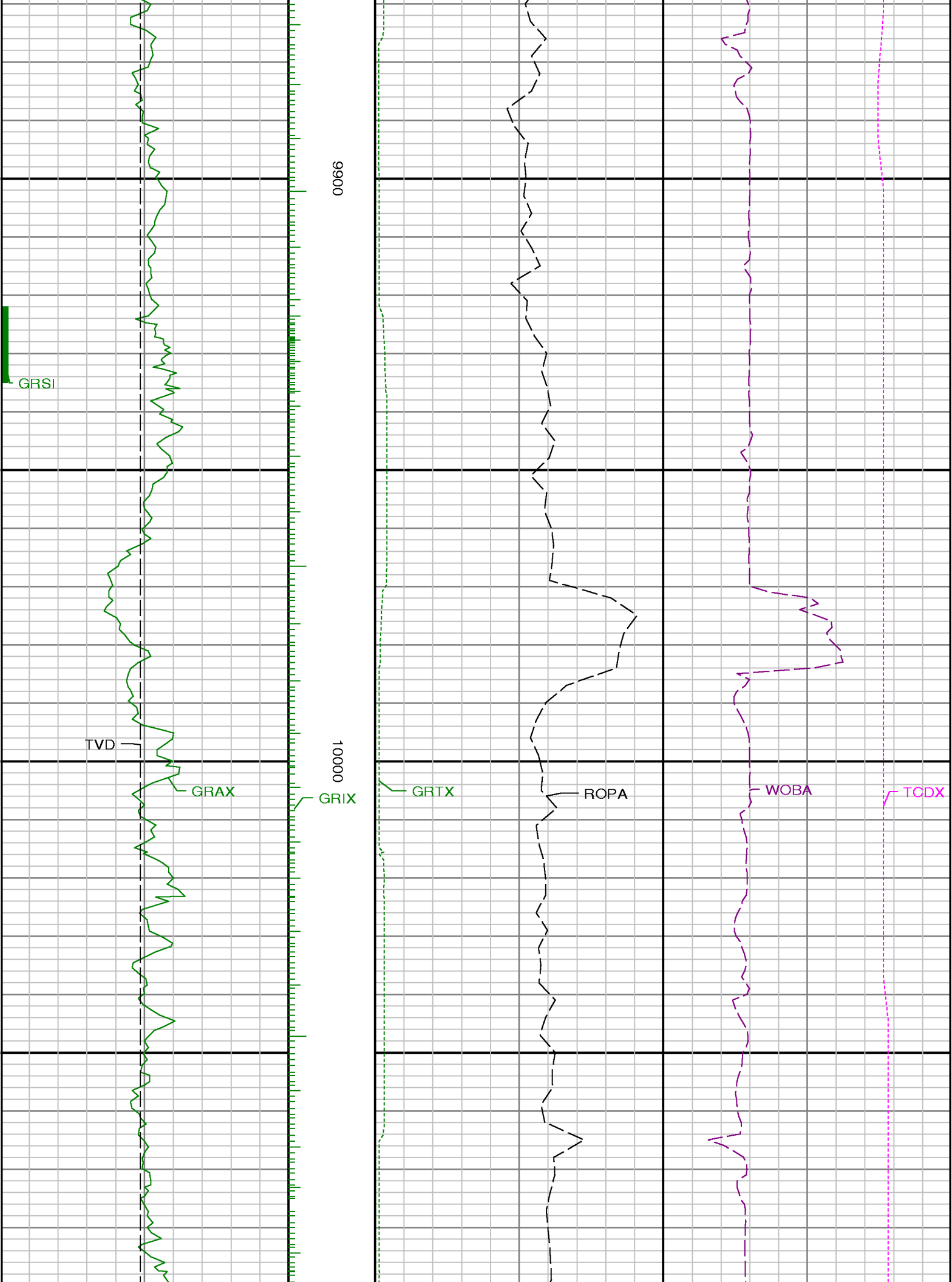


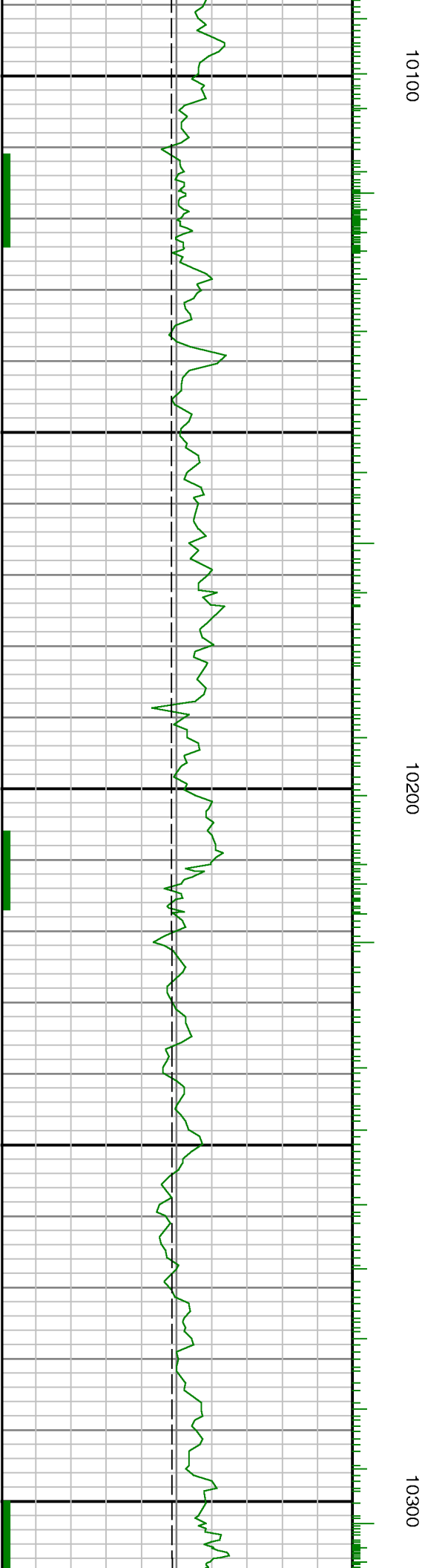
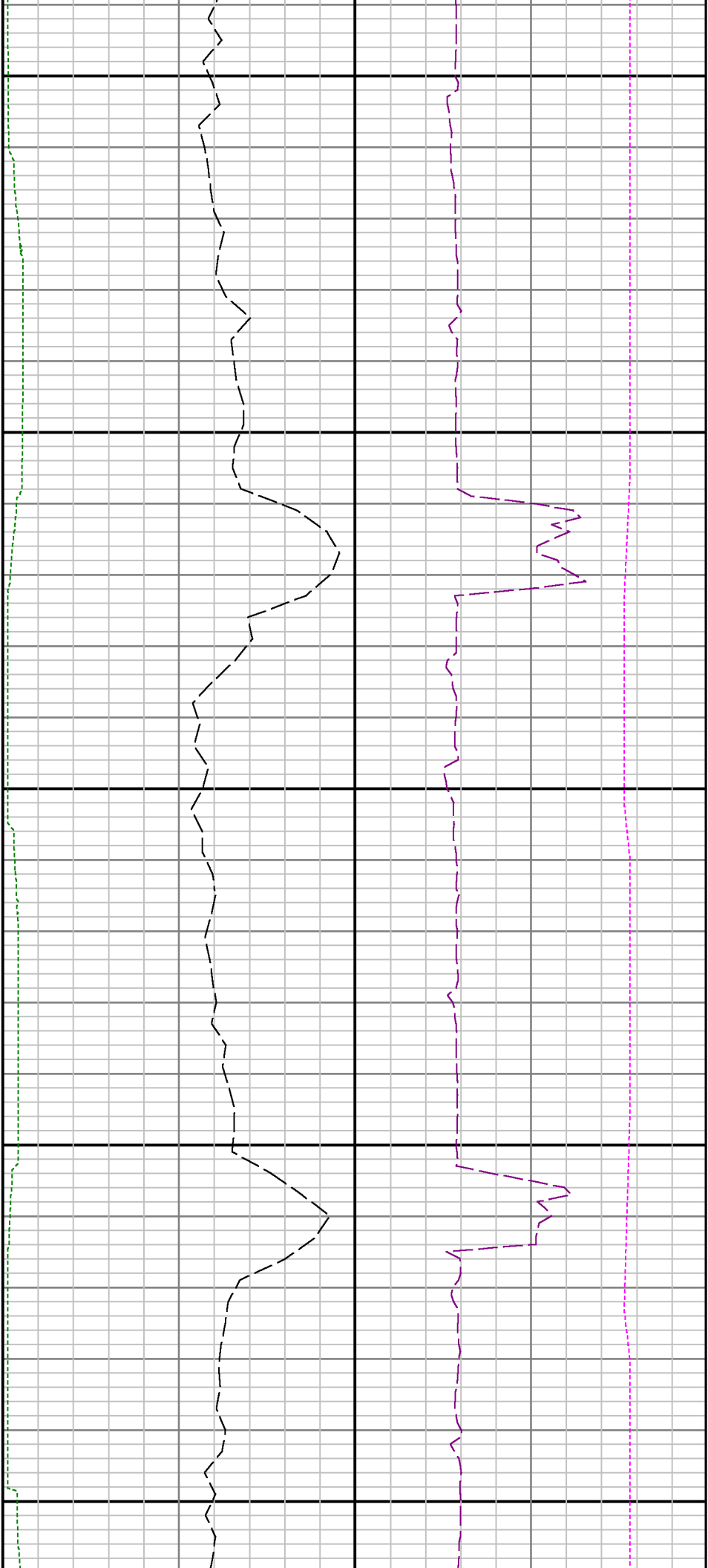


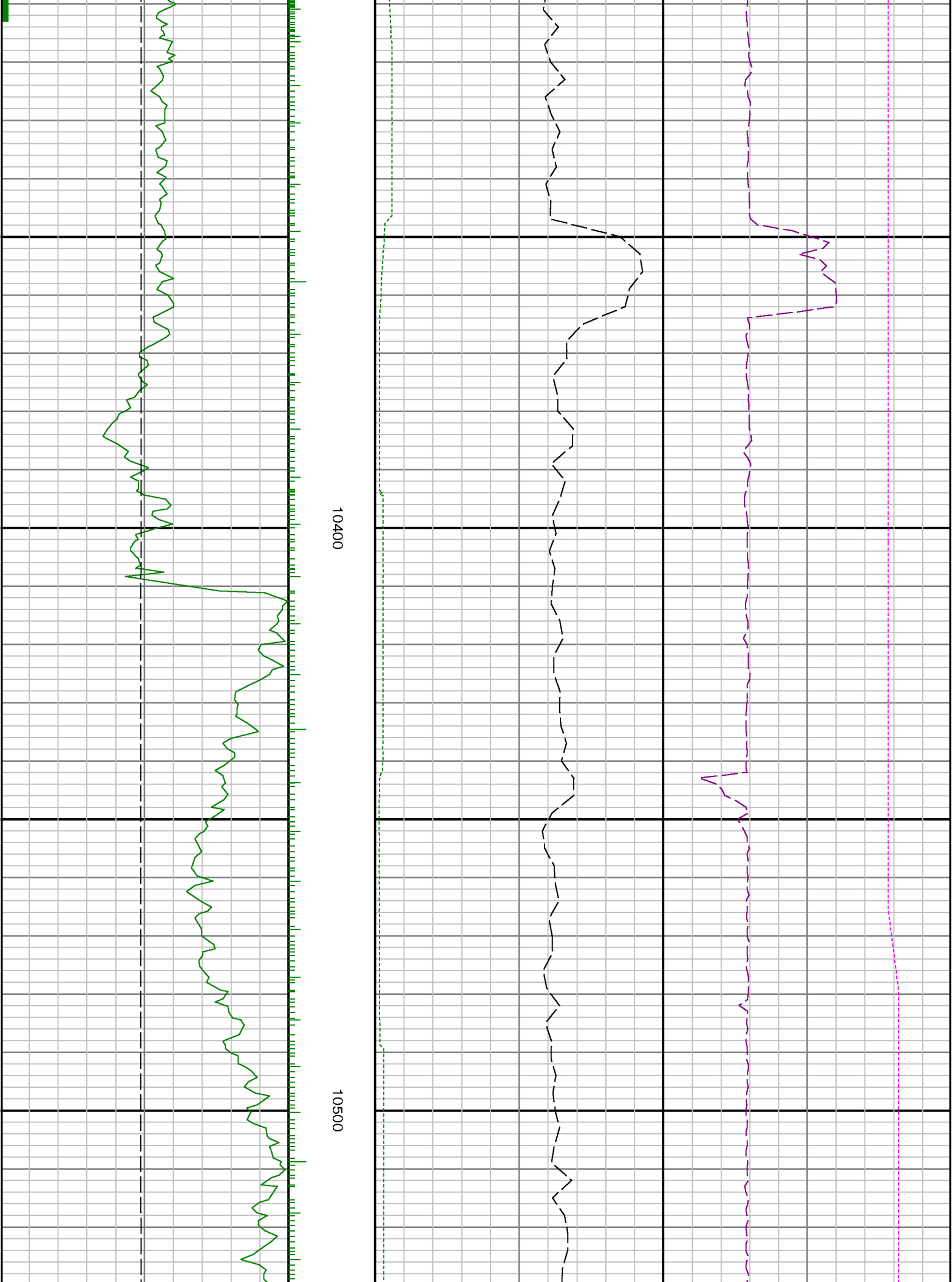
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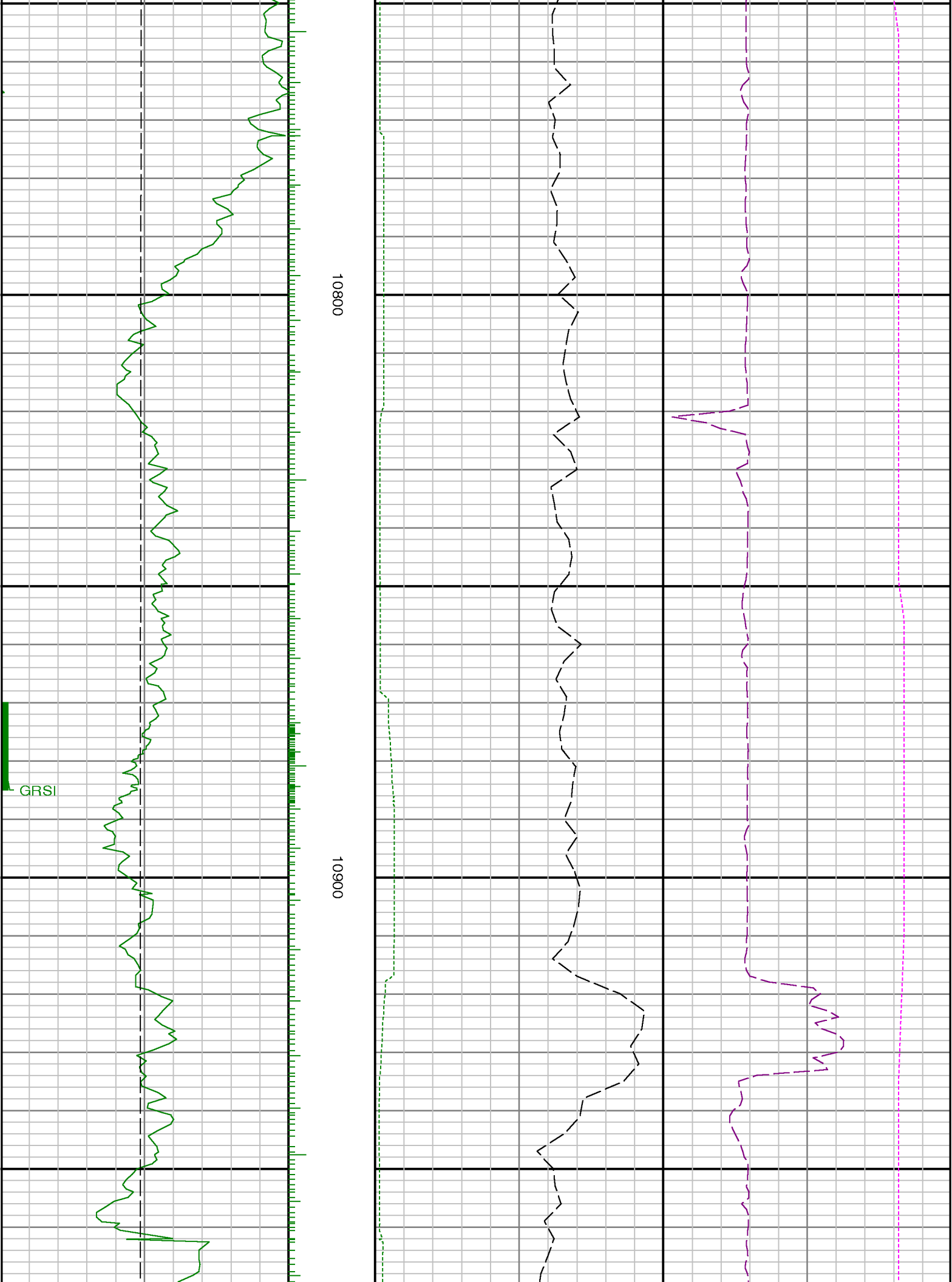


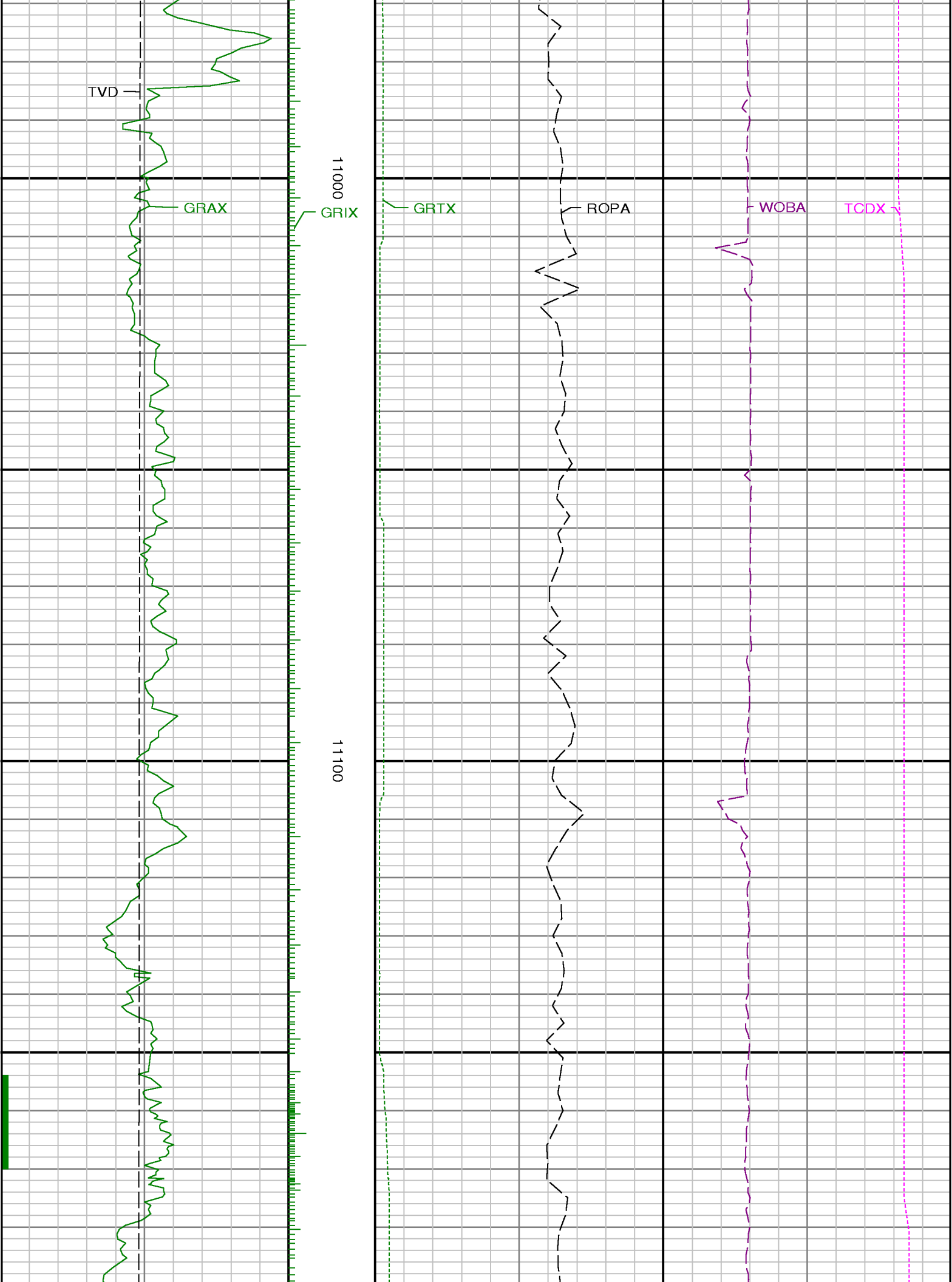


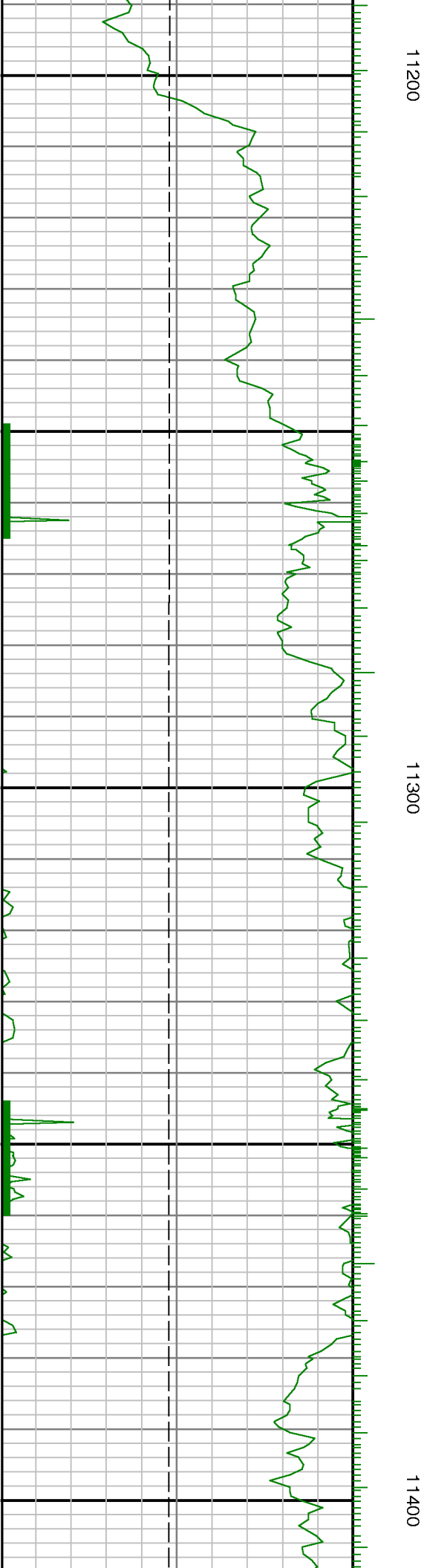
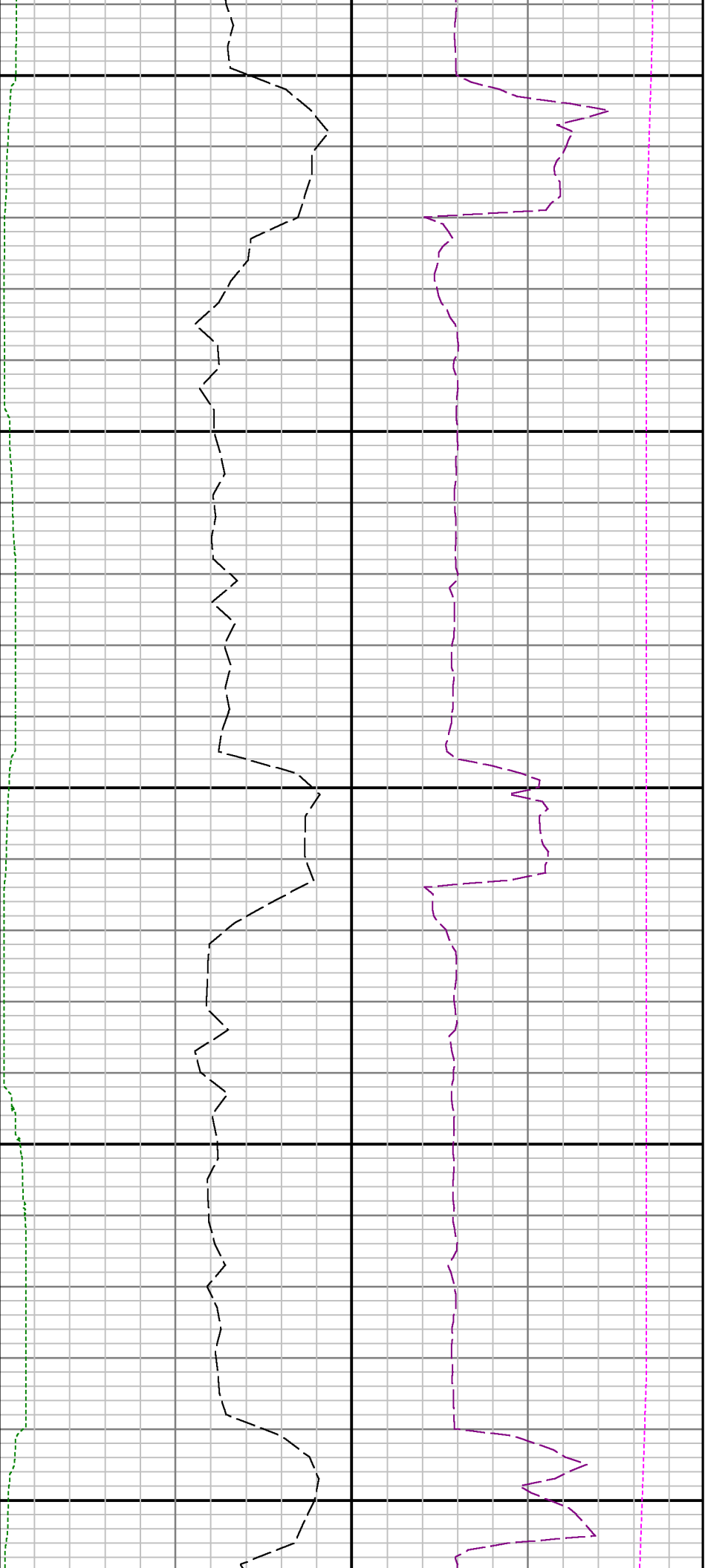


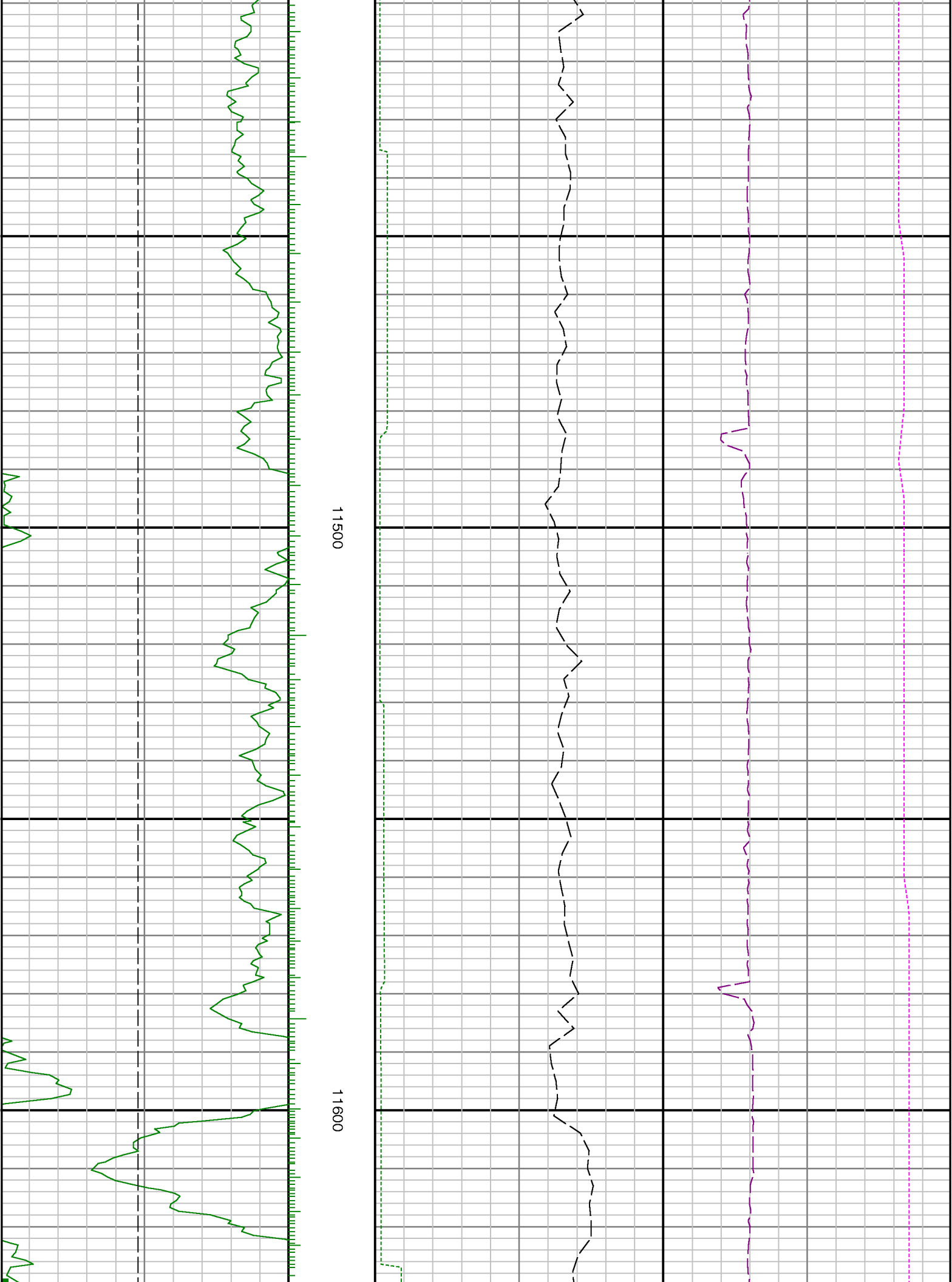
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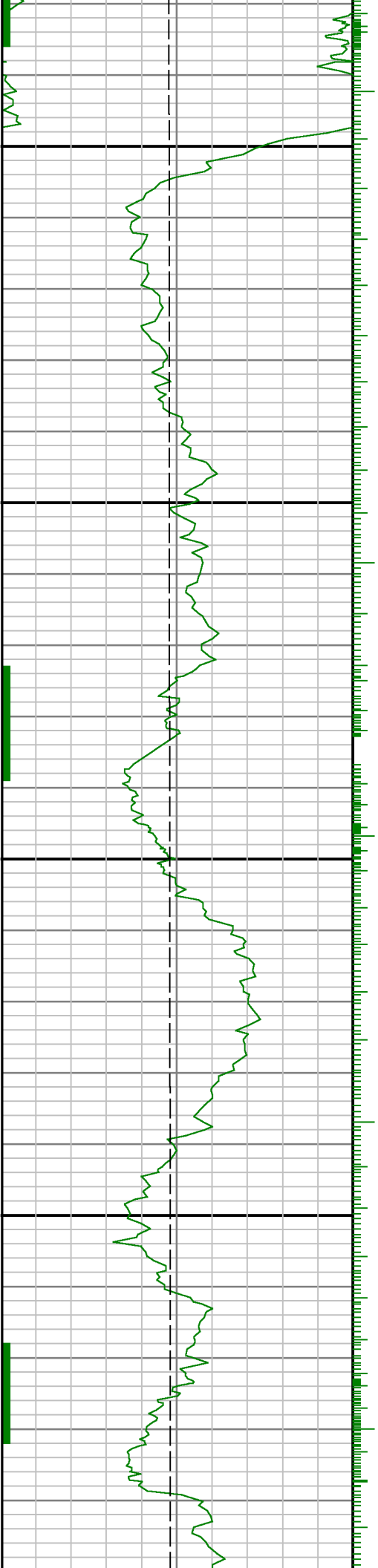


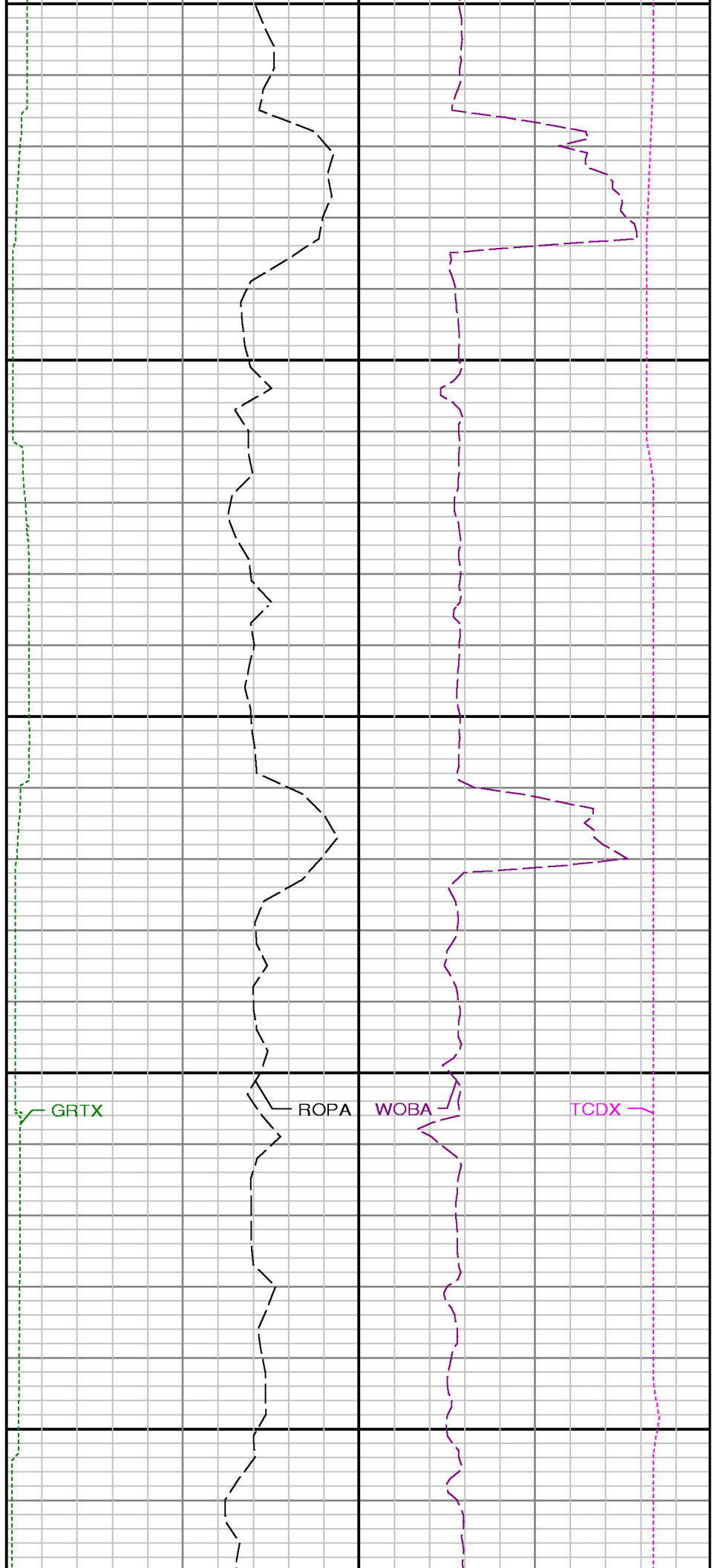
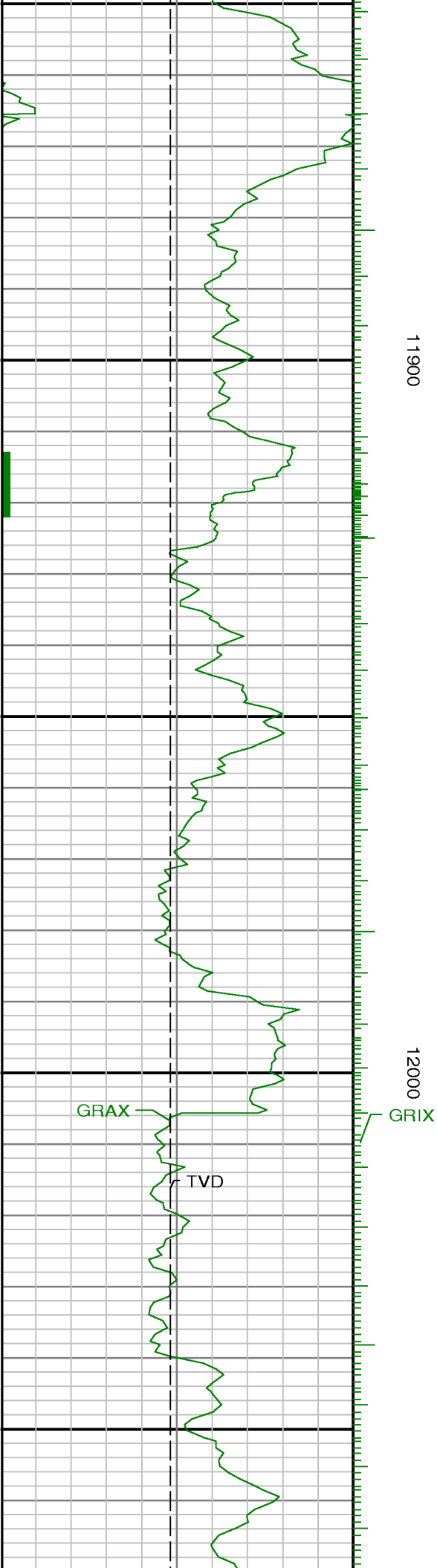


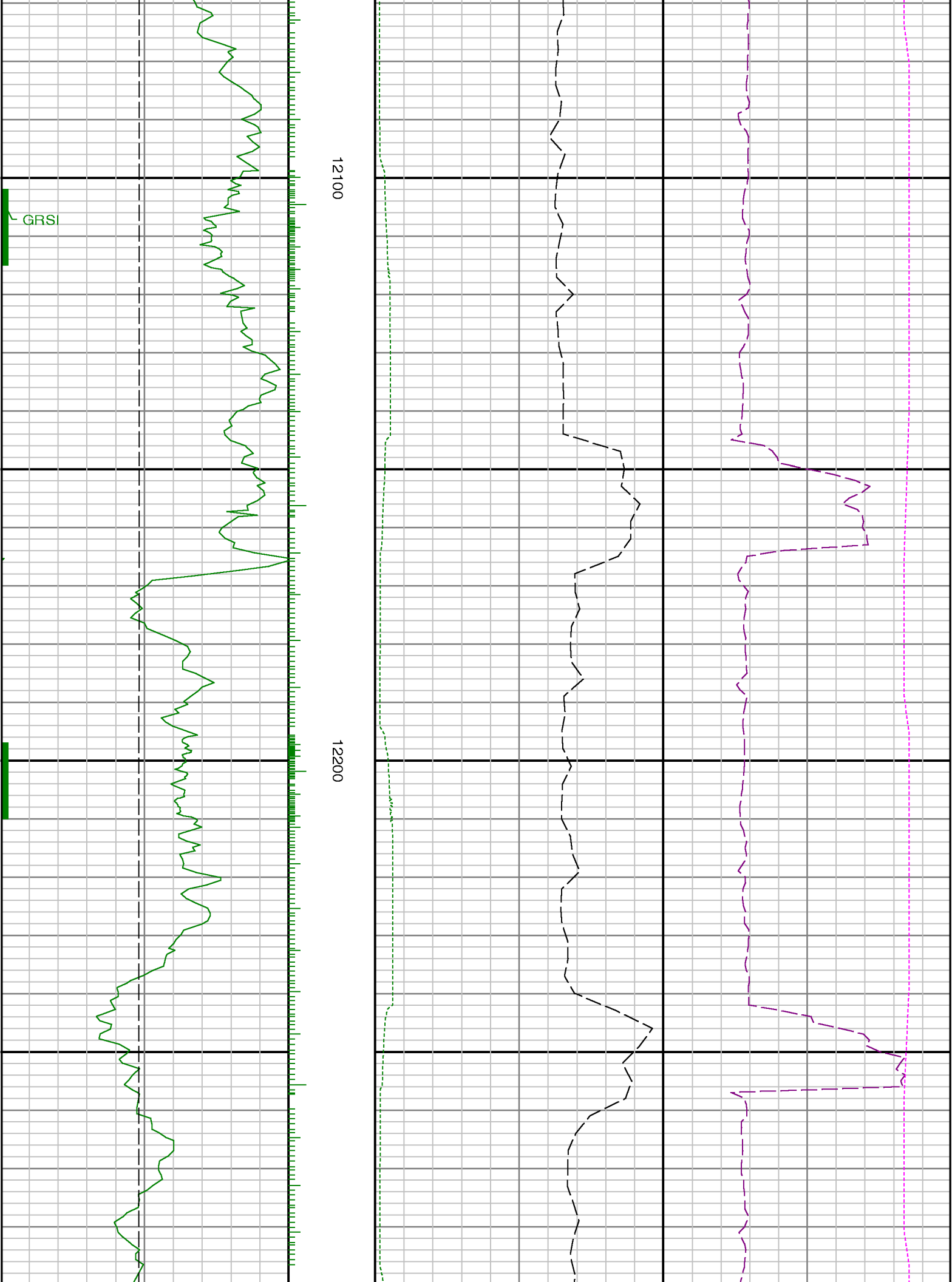


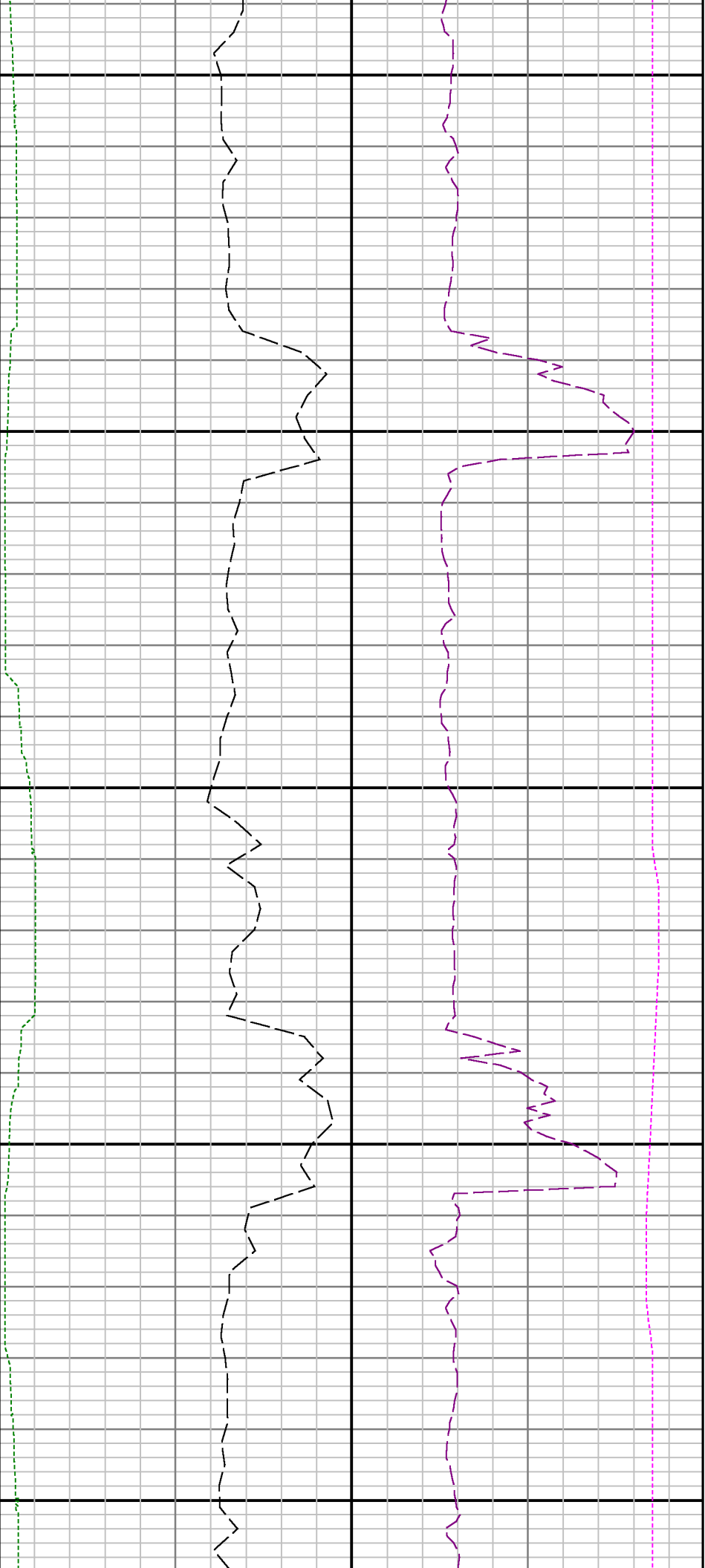
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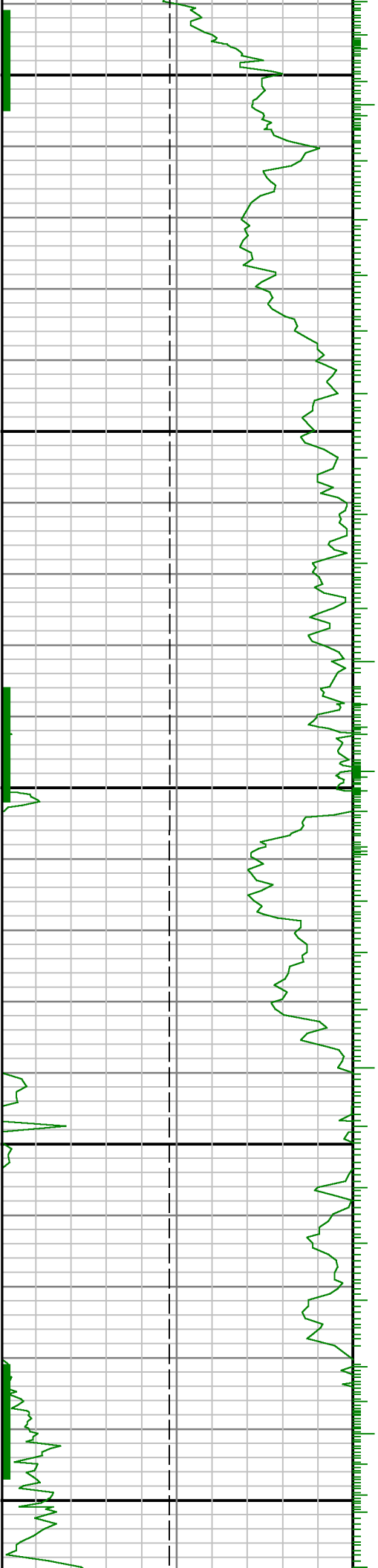


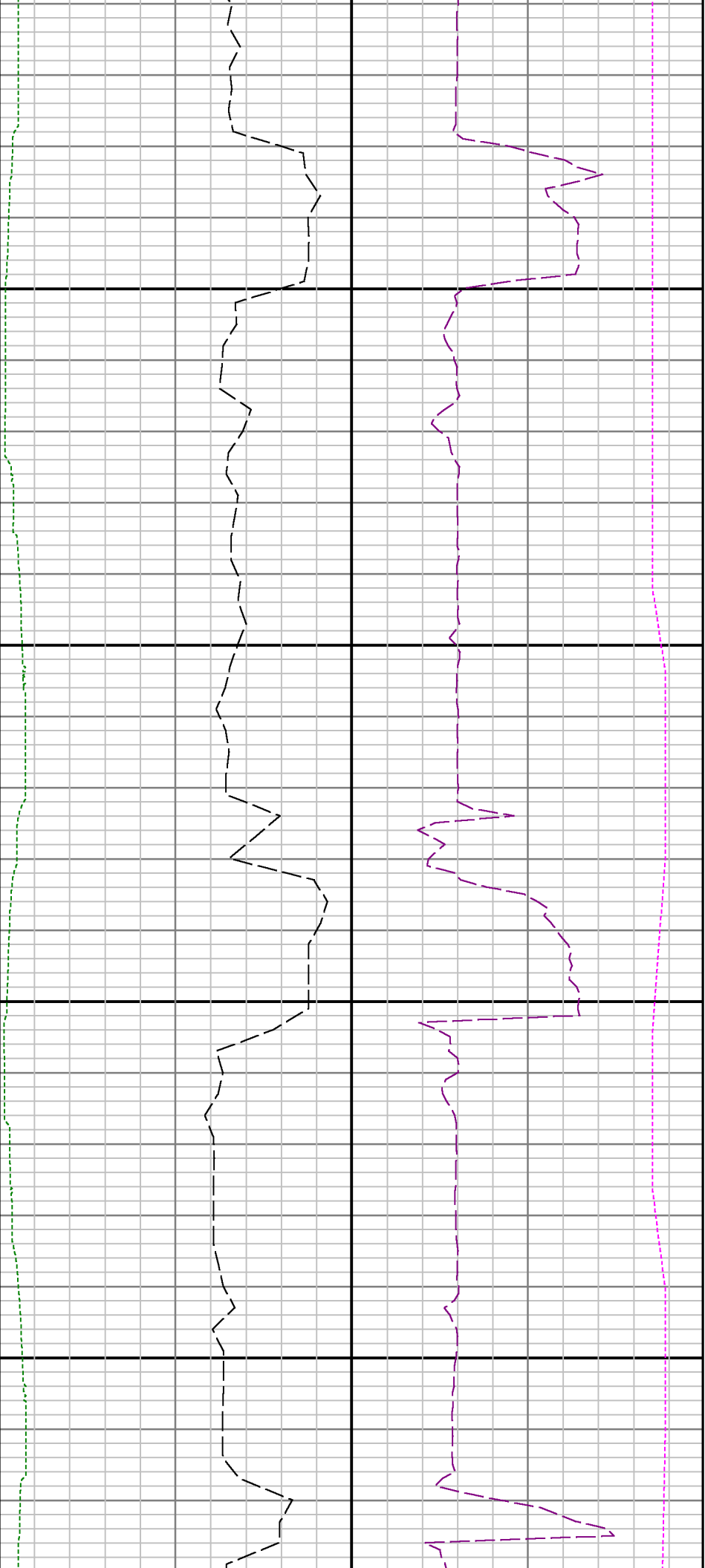


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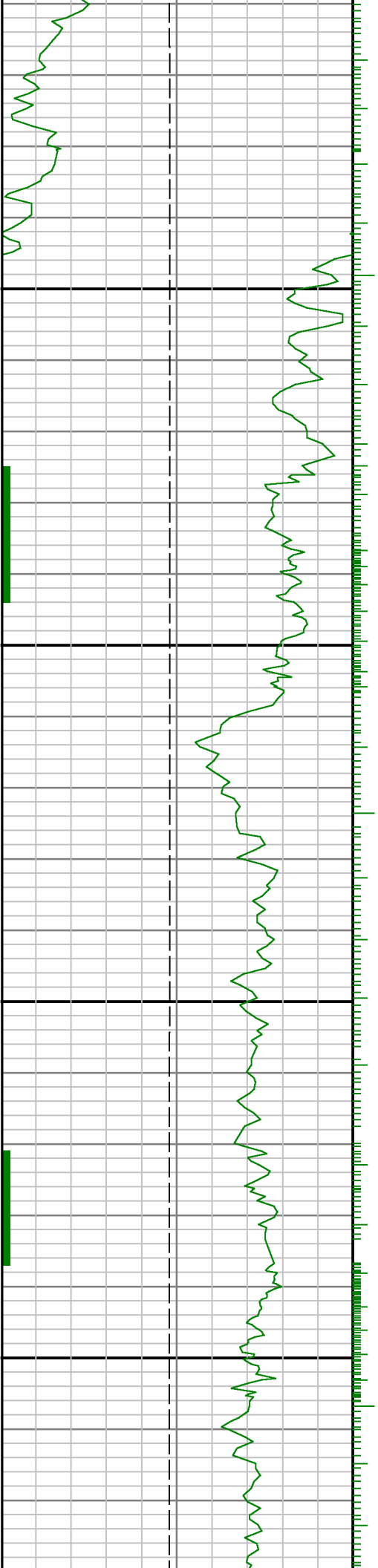
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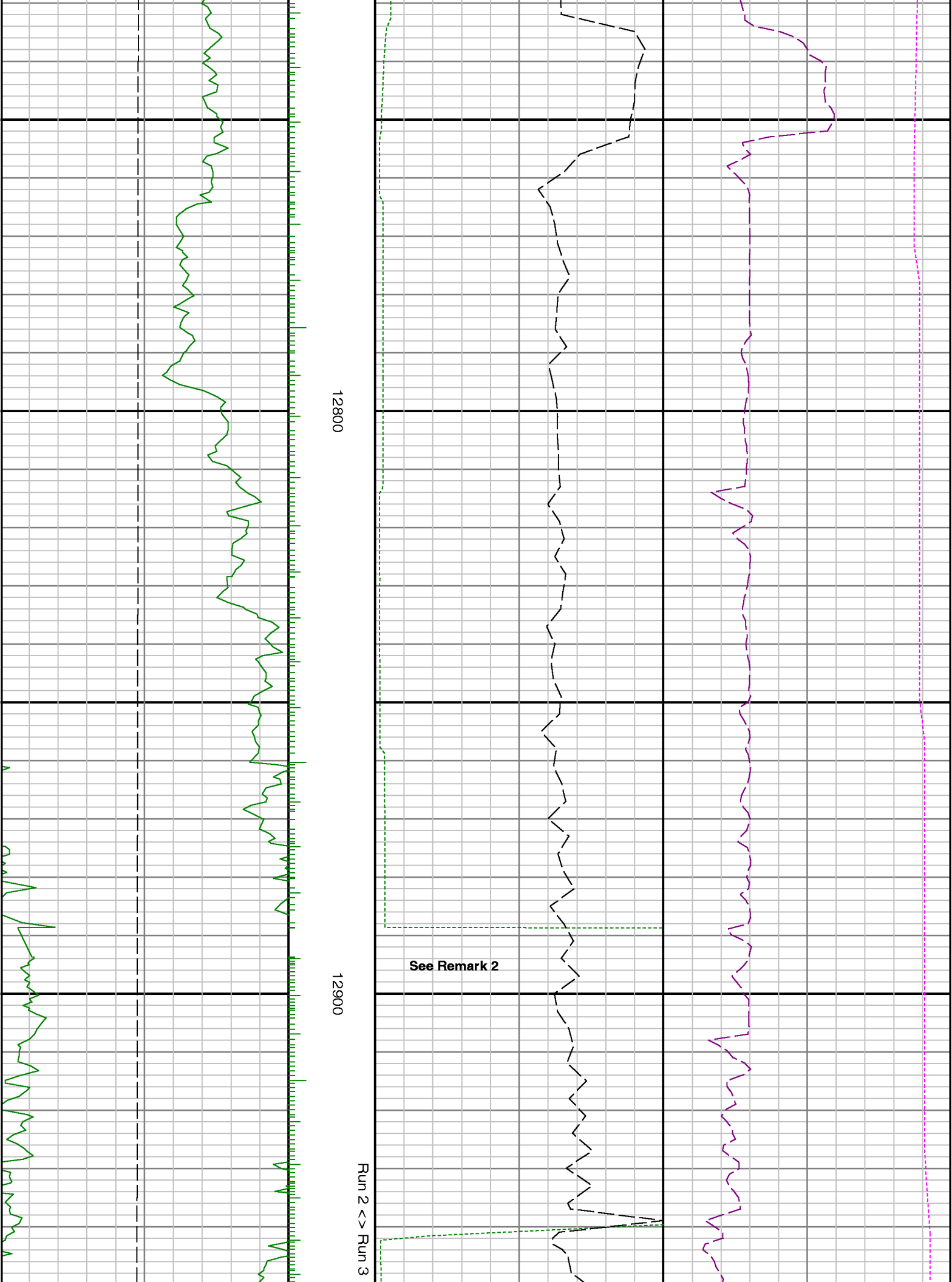


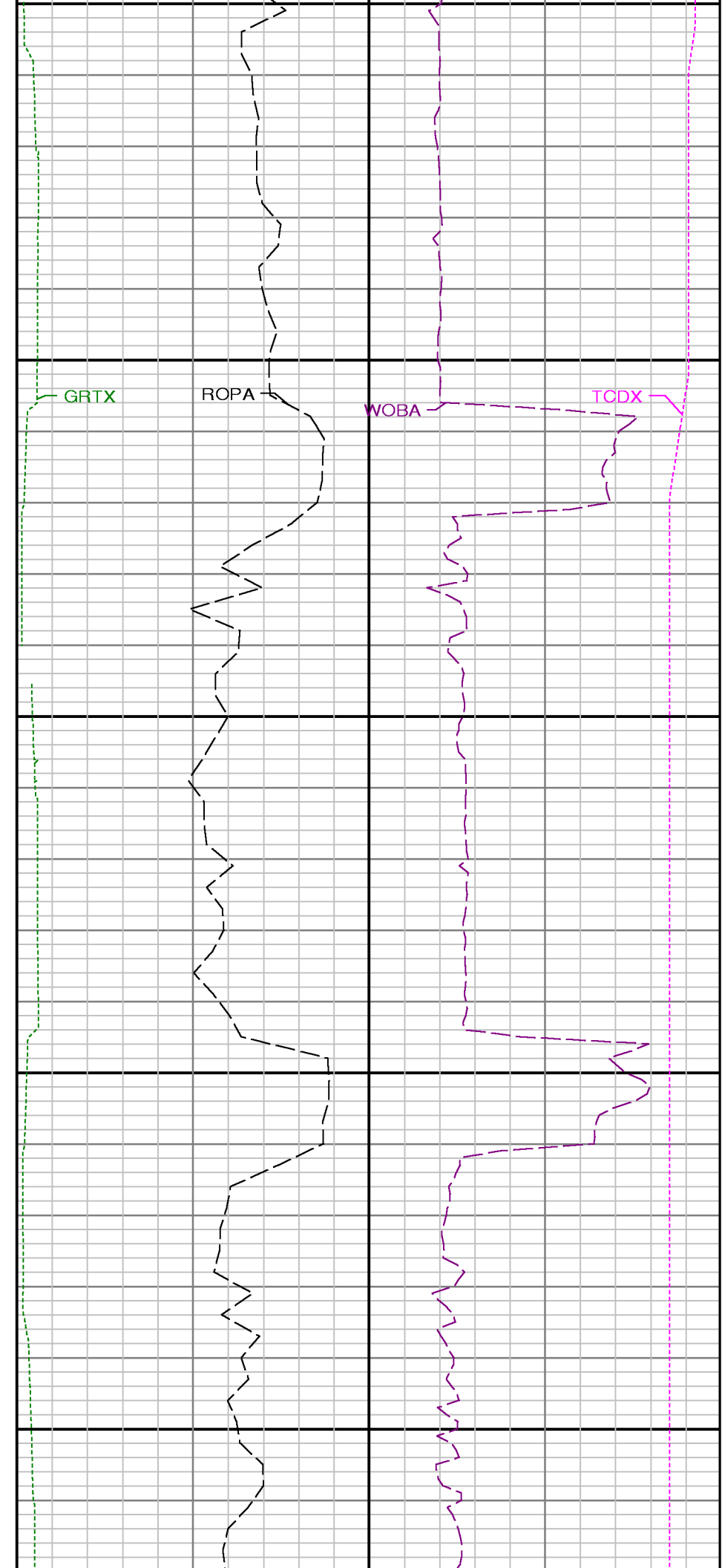
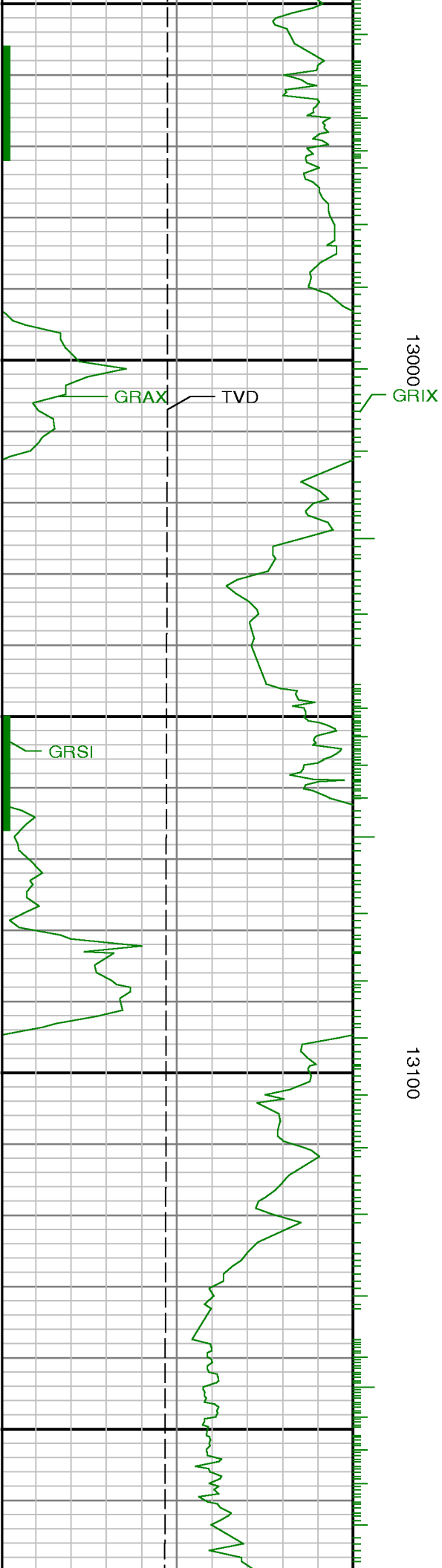


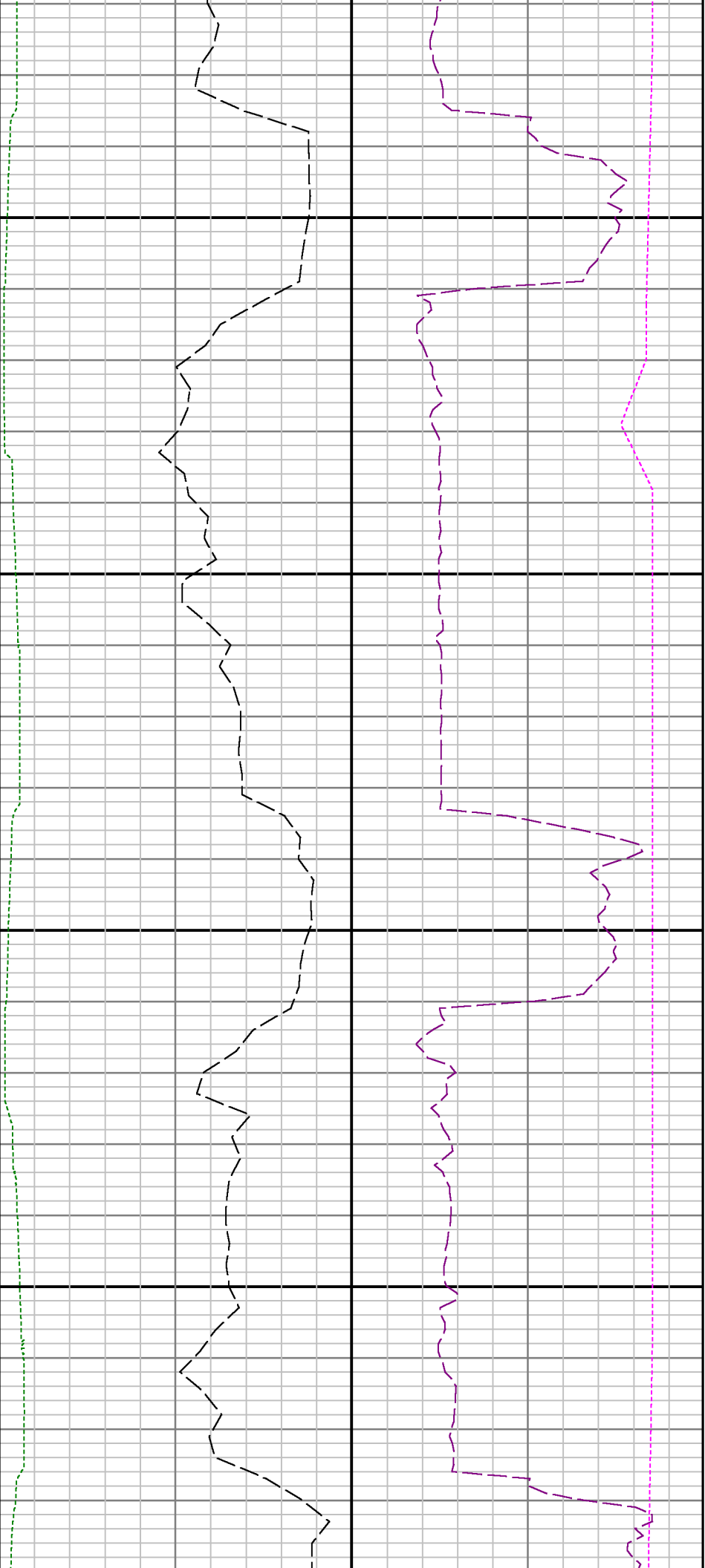
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