

1	1	8.500	PDC	3.00	AutoTrak Curve	1718.00	12903.00	1718.00	12916.00	2018-01-09 10:30	2018-01-11 23:44	57.17
2	2	8.500	PDC	3.00	AutoTrak Curve	12903.00	13083.00	12916.00	13095.00	2018-01-12 12:33	2018-01-12 15:12	4.25
3	3	8.500	PDC	3.00	AutoTrak Curve	13083.00	13820.00	13095.00	13833.00	2018-01-13 03:27	2018-01-13 13:00	9.60

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Andrew Clancy	2018-01-08	2018-01-13	Bryan Severson	2018-01-08	2018-01-10	Jack Sneeve	2018-01-10	2018-01-13

Mud Properties Record

Date / Time	Run No.	Measured Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2018-01-09 15:00	1	3162.00	Oil Based Mud	10.4	19	0	0.0	79/21	Active Pit	22000	0.00
2018-01-10 12:00	1	7725.00	Oil Based Mud	10.4	19	0	0.0	76/24	Active Pit	20000	0.00
2018-01-11 12:00	1	11416.00	Oil Based Mud	10.5	17	0	0.0	78/22	Active Pit	20000	0.00
2018-01-12 07:20	2	12916.00	Oil Based Mud	10.5	18	0	0.0	78/22	Active Pit	21000	0.00
2018-01-12 22:48	3	13095.00	Oil Based Mud	10.5	18	0	0.0	77/23	Active Pit	22000	0.00

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	ATC_SU	14279931	Near Bit Inclination	5.93	6.89	7.000	4.330
1	ATC_SU	14279931	Near Bit VSS	5.93	6.89	7.000	4.330
1	ATC_MWD	12599902	Gamma (single)	2.19	12.51	7.000	3.250
1	ATC_MWD	12599902	Directional (mag)	12.26	22.58	7.000	3.250
2	ATC_SU	14279931	Near Bit Inclination	5.93	6.89	7.000	4.330
2	ATC_SU	14279931	Near Bit VSS	5.93	6.89	7.000	4.330
2	ATC_MWD	12599902	Gamma (single)	2.19	12.51	7.000	3.250
2	ATC_MWD	12599902	Directional (mag)	12.26	22.58	7.000	3.250
3	ATC_SU	14306238	Near Bit Inclination	5.93	6.89	7.000	4.330
3	ATC_SU	14306238	Near Bit VSS	5.93	6.89	7.000	4.330
3	ATC_MWD	14313881	Gamma (single)	2.19	12.51	7.000	3.250
3	ATC_MWD	14313881	Directional (mag)	12.26	22.58	7.000	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_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	Gaps in Gamma Ray data are present throughout the log due to downlinking while drilling ahead.
3	Gaps in Gamma Ray data are present throughout the log due to downlinking while drilling ahead.

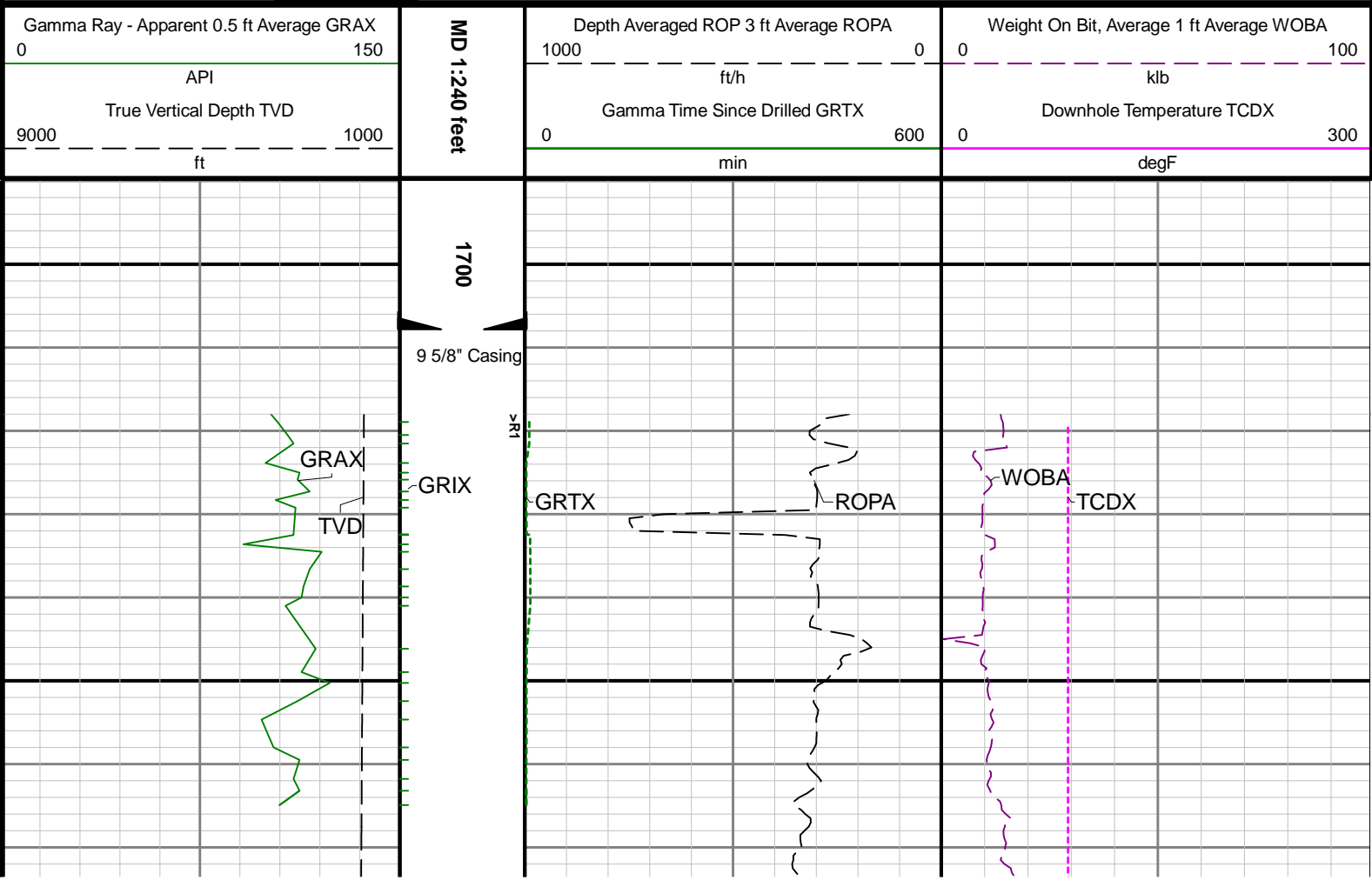
Remarks

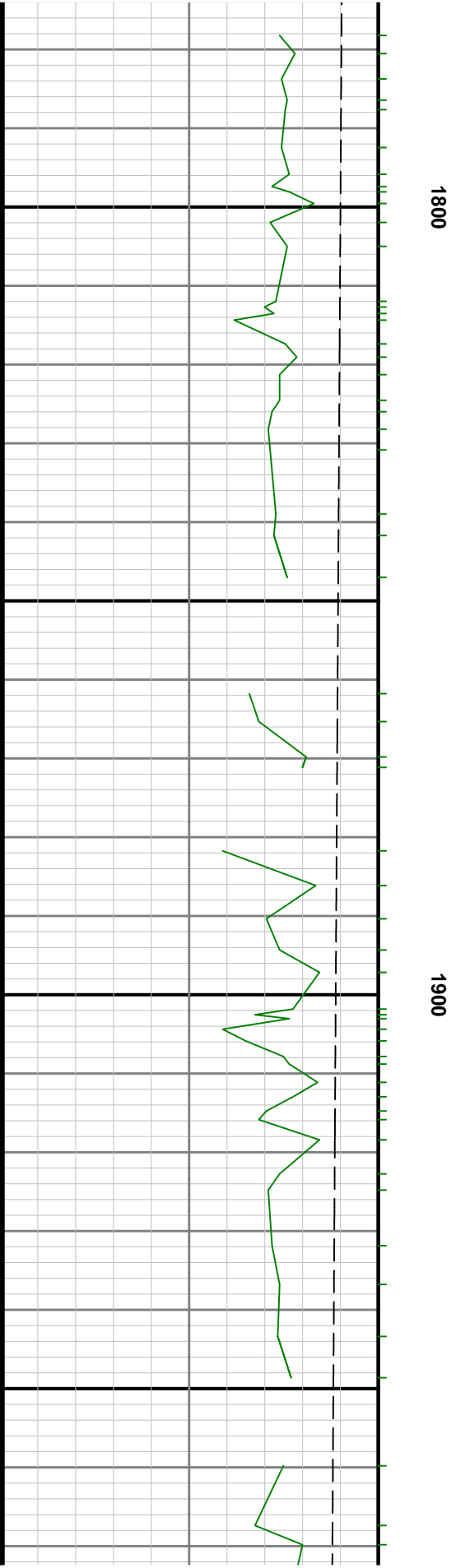
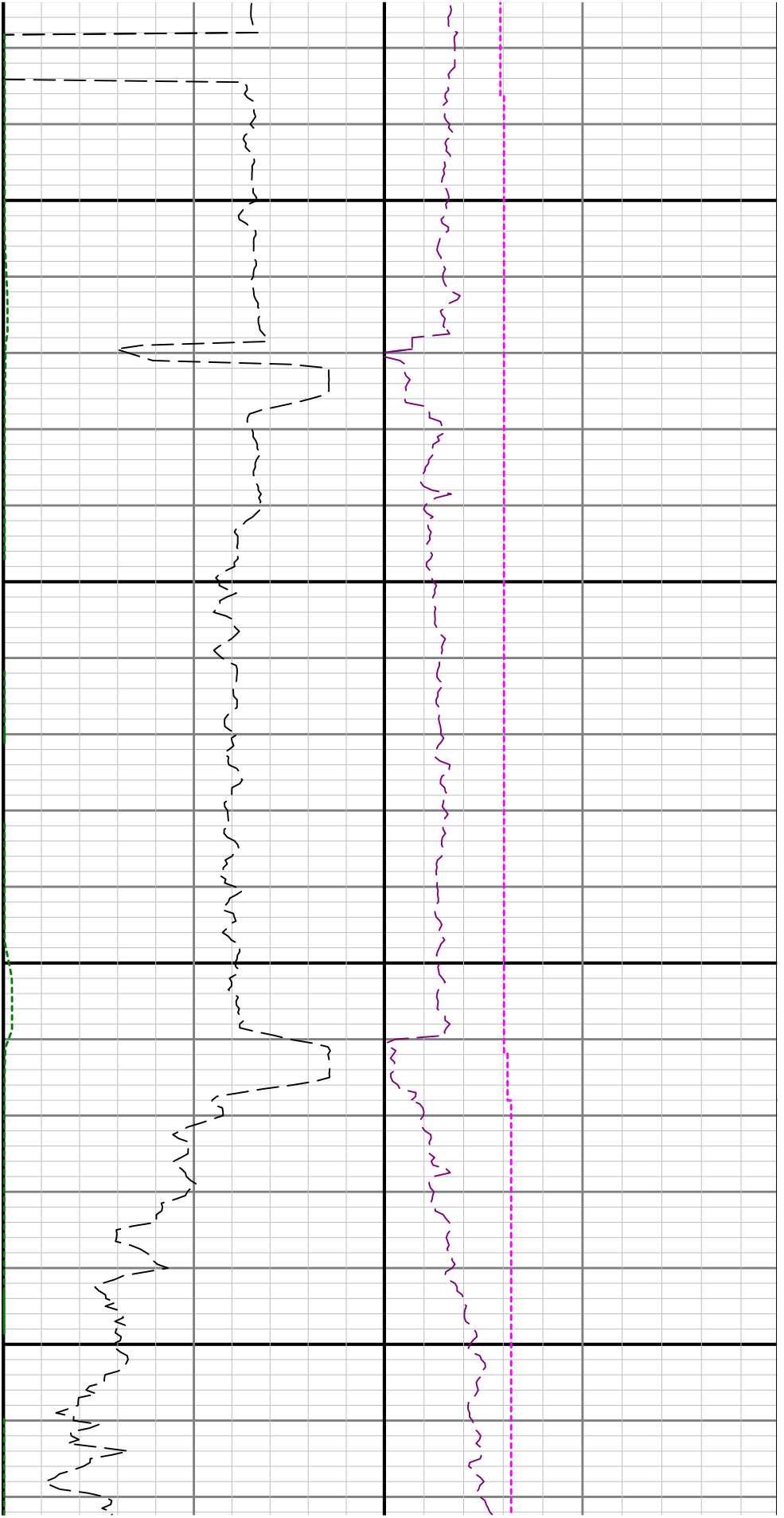
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	13082.00	8.500	3	The interval from to 13082 to 13095 feet MD (7964 feet TVD) was logged up to 12 hours after being drilled due to a trip out of hole to change out BHA.
2	13820.00	8.500	3	The interval from 13820 to 13833 feet MD (7968 feet TVD) was not logged due to sensor to bit offset at well TD.

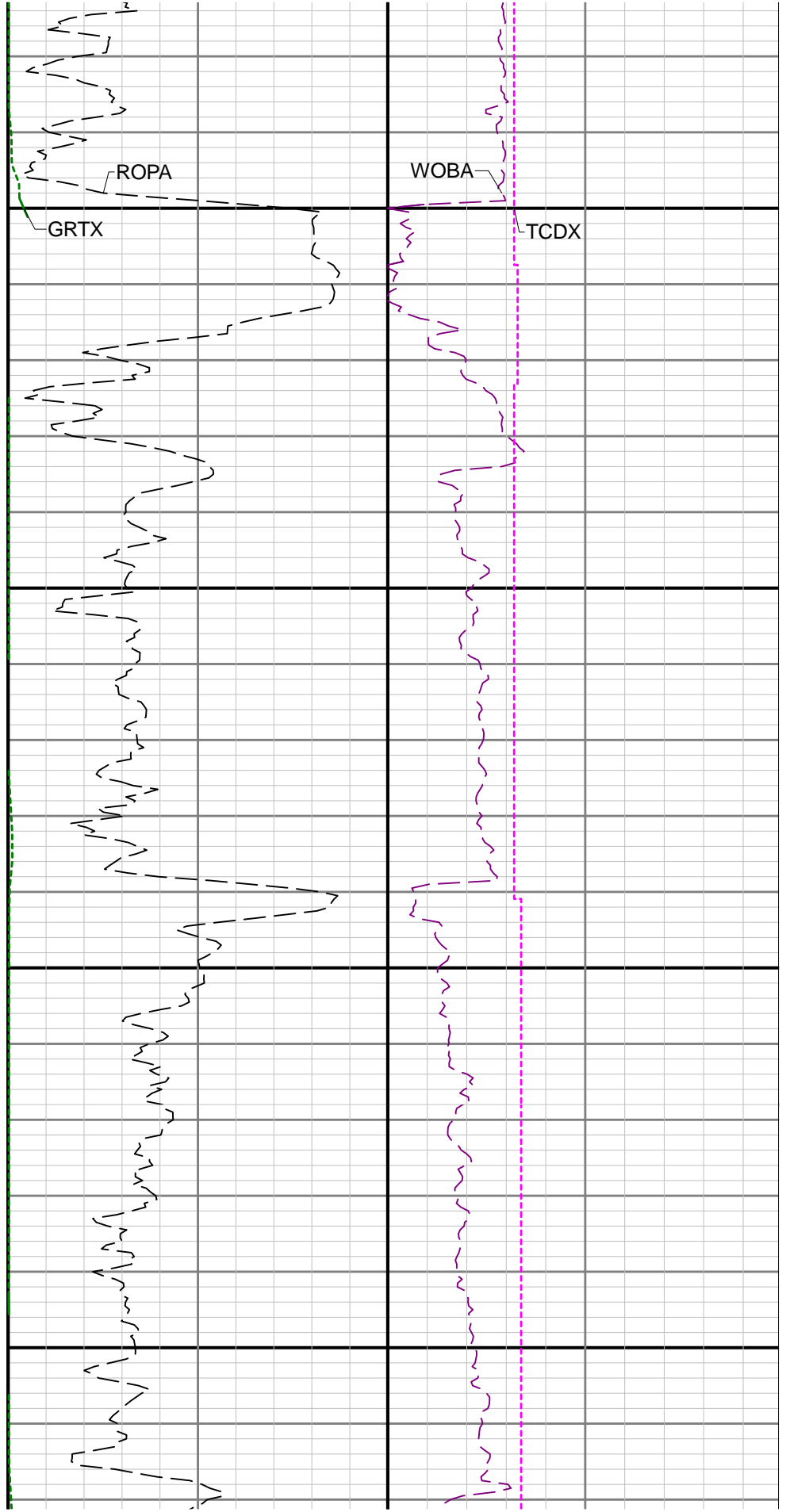
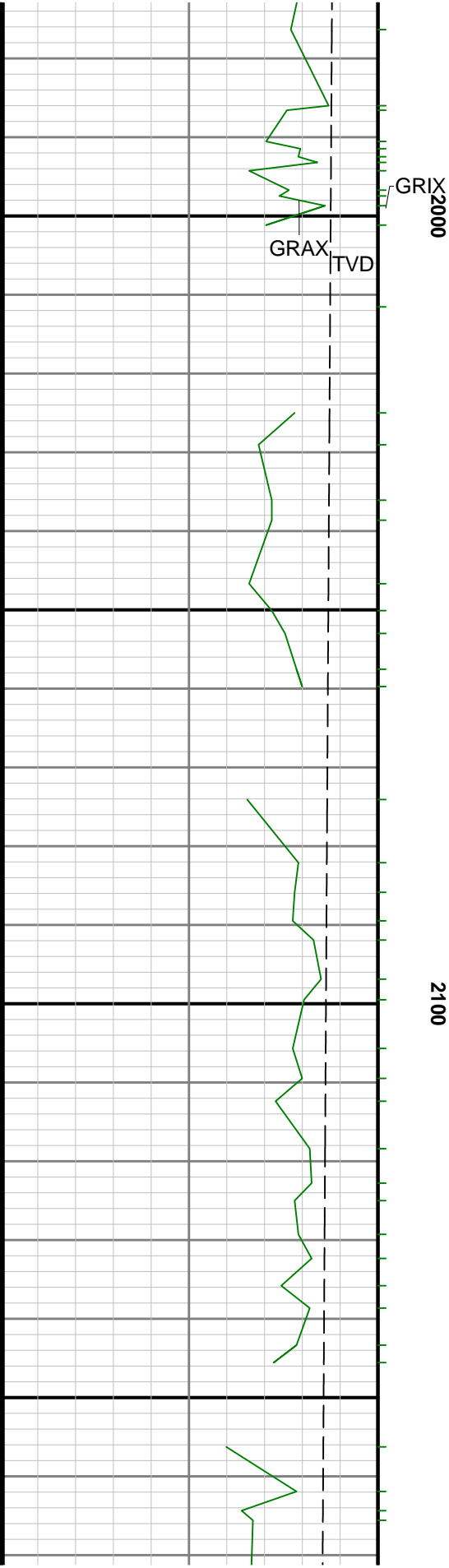
Curve Mnemonics

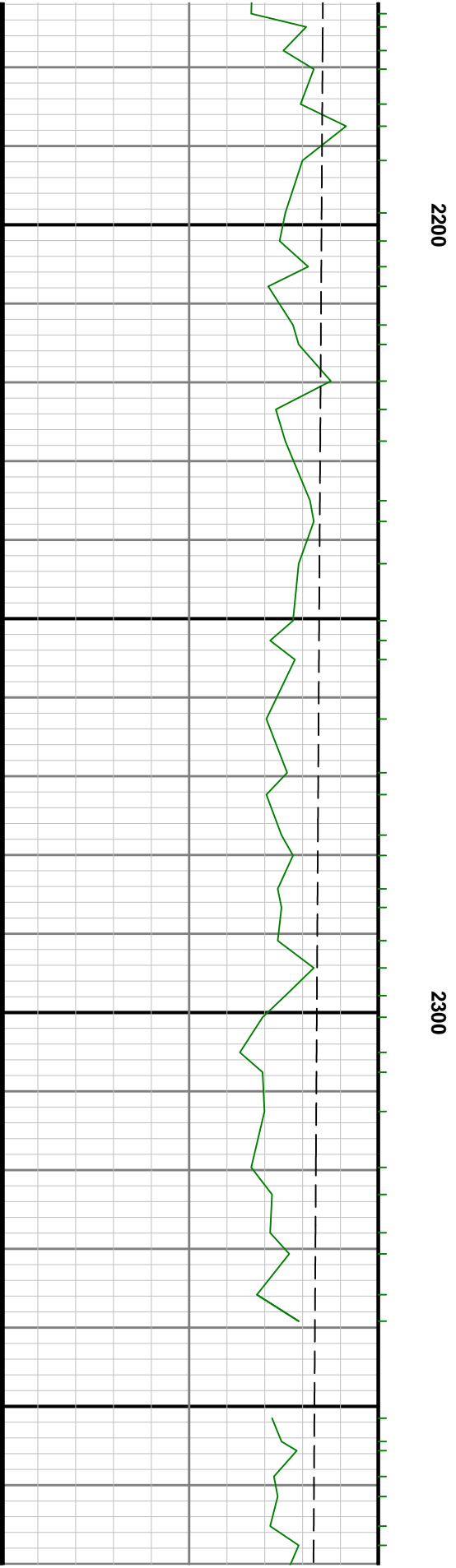
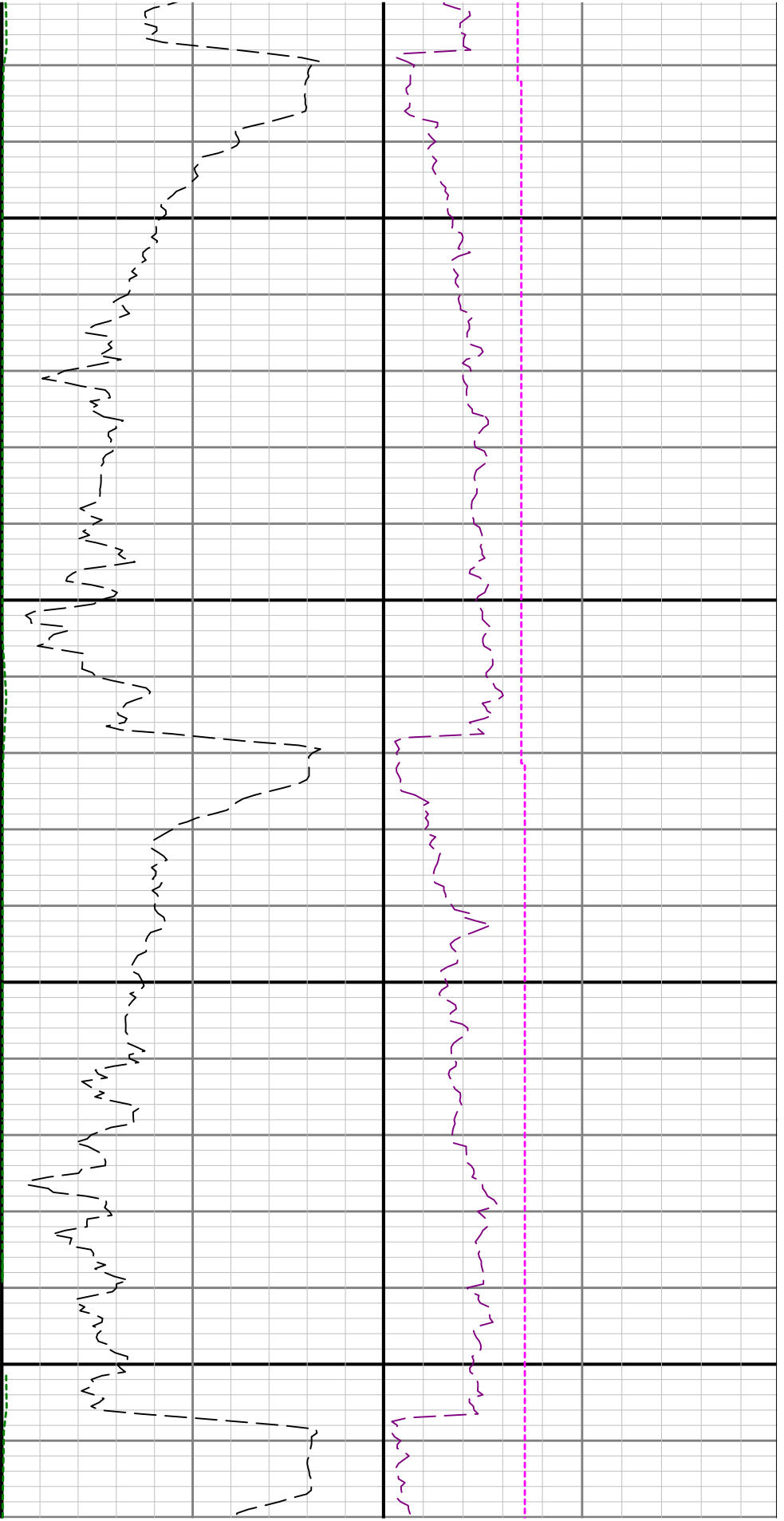
Presented Curves	Description	Units
TCDX	Downhole Temperature	degF
ROPA	Depth Averaged ROP 3 ft Average	ft/h
TVD	True Vertical Depth	ft
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAX	Gamma Ray - Apparent - Real-Time 0.5 ft Average	API
GRIX	Gamma Ray - Data Point Indicator - Real-Time	unitless
GRTX	Gamma Ray - Time Since Drilled - Real-Time	min

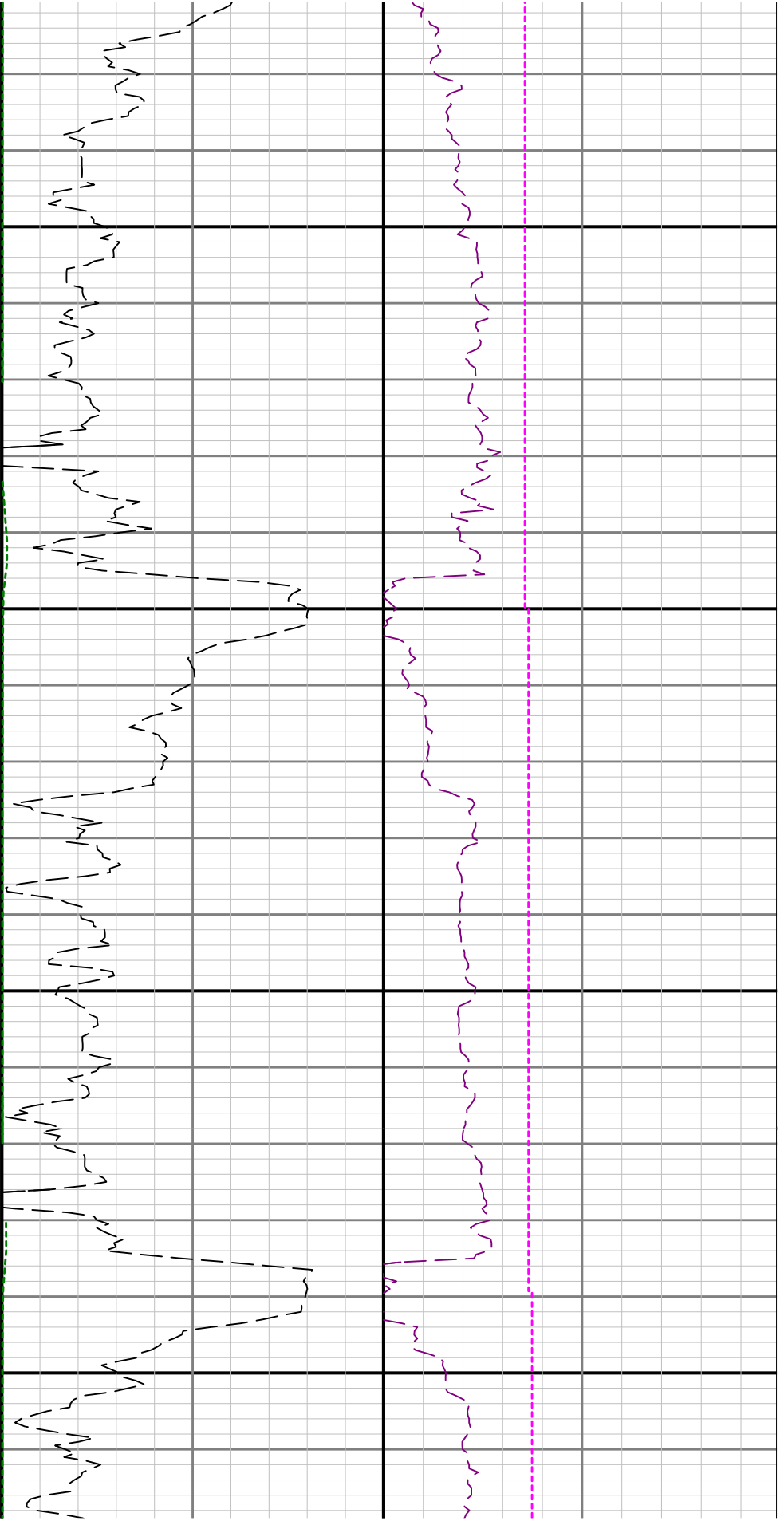
<div> <div> <div>BAKER HUGHES</div> <div>a GE company</div> </div> <div>  </div> </div>	Company	Great Western
	Well	B-Farm LD 18-034HC
	Interval	<div> Date From: 2018-01-09 03:30:23 Top: 1718.00 </div> <div> Date To: 2018-01-13 13:24:56 Bottom: 13833.00 </div>
	Created	2018-01-13 14:16:45





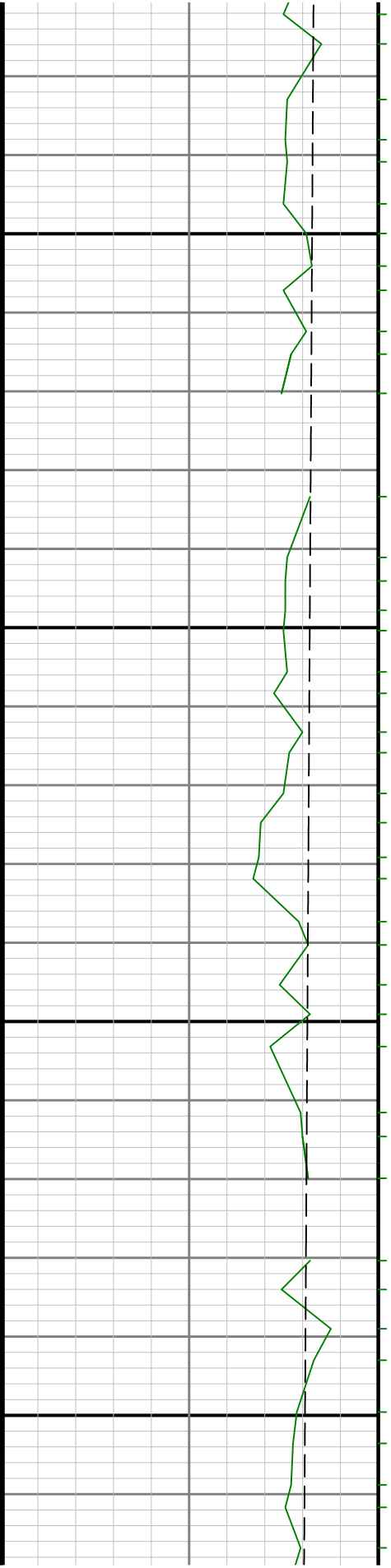


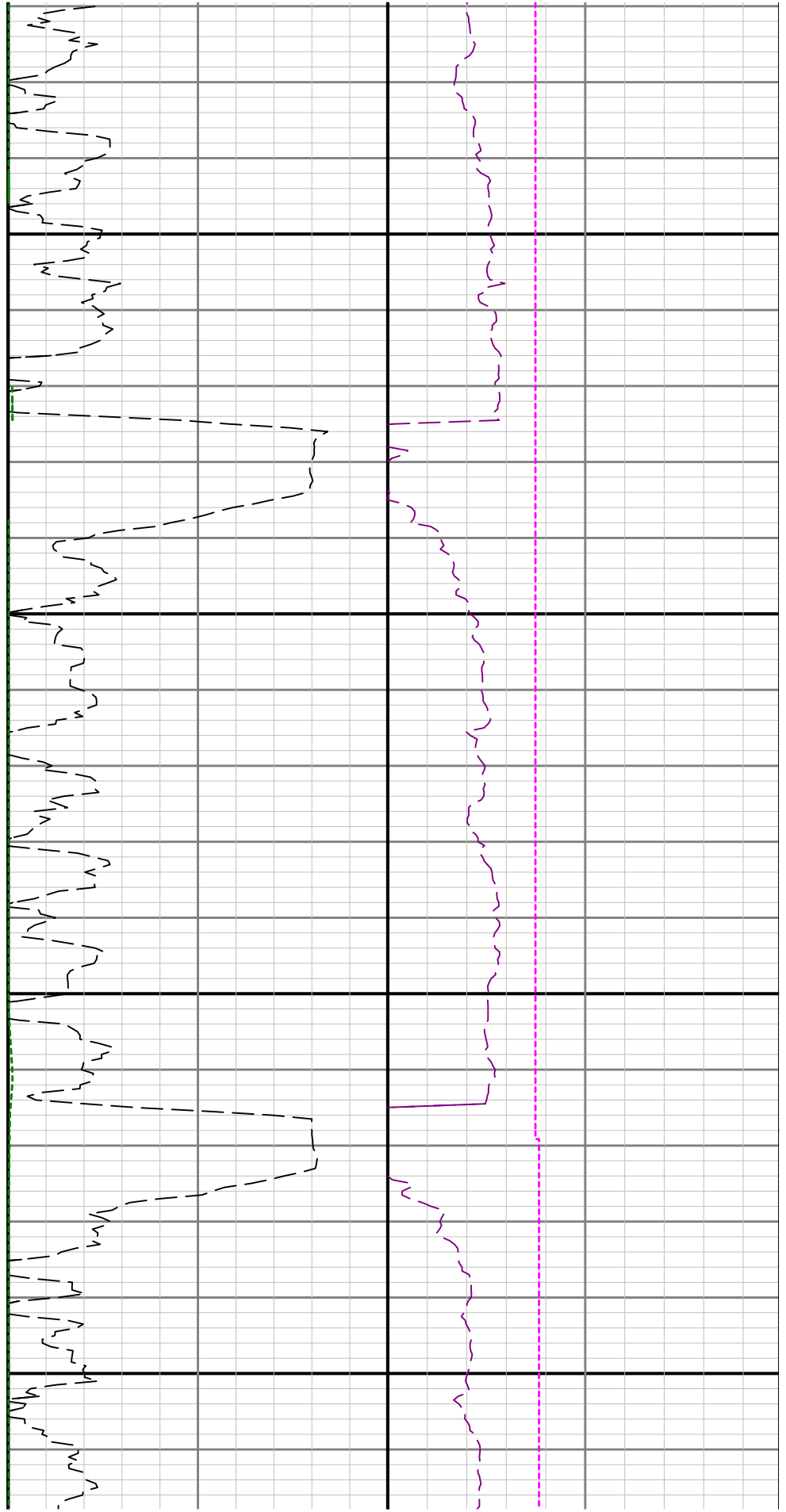




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2500

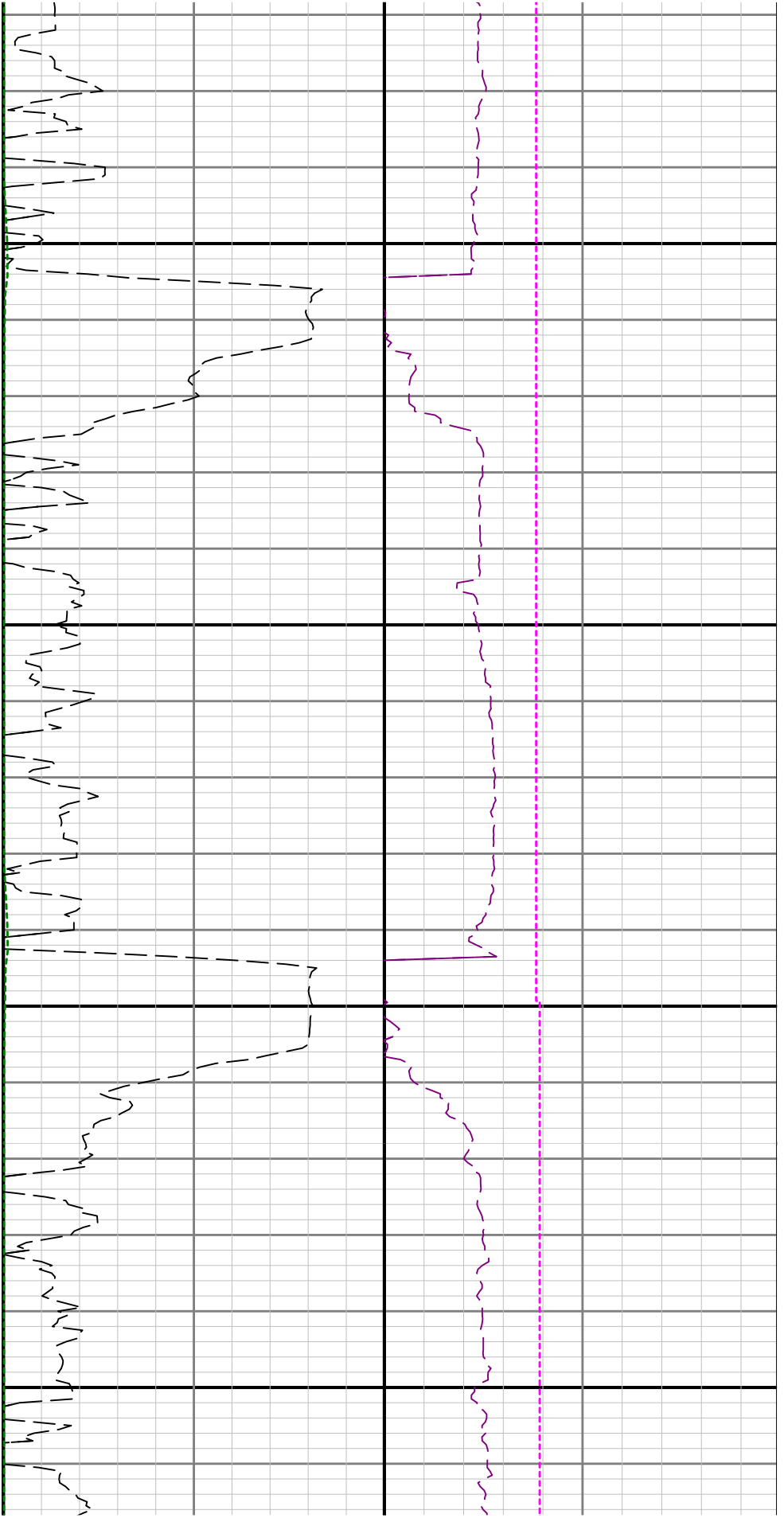




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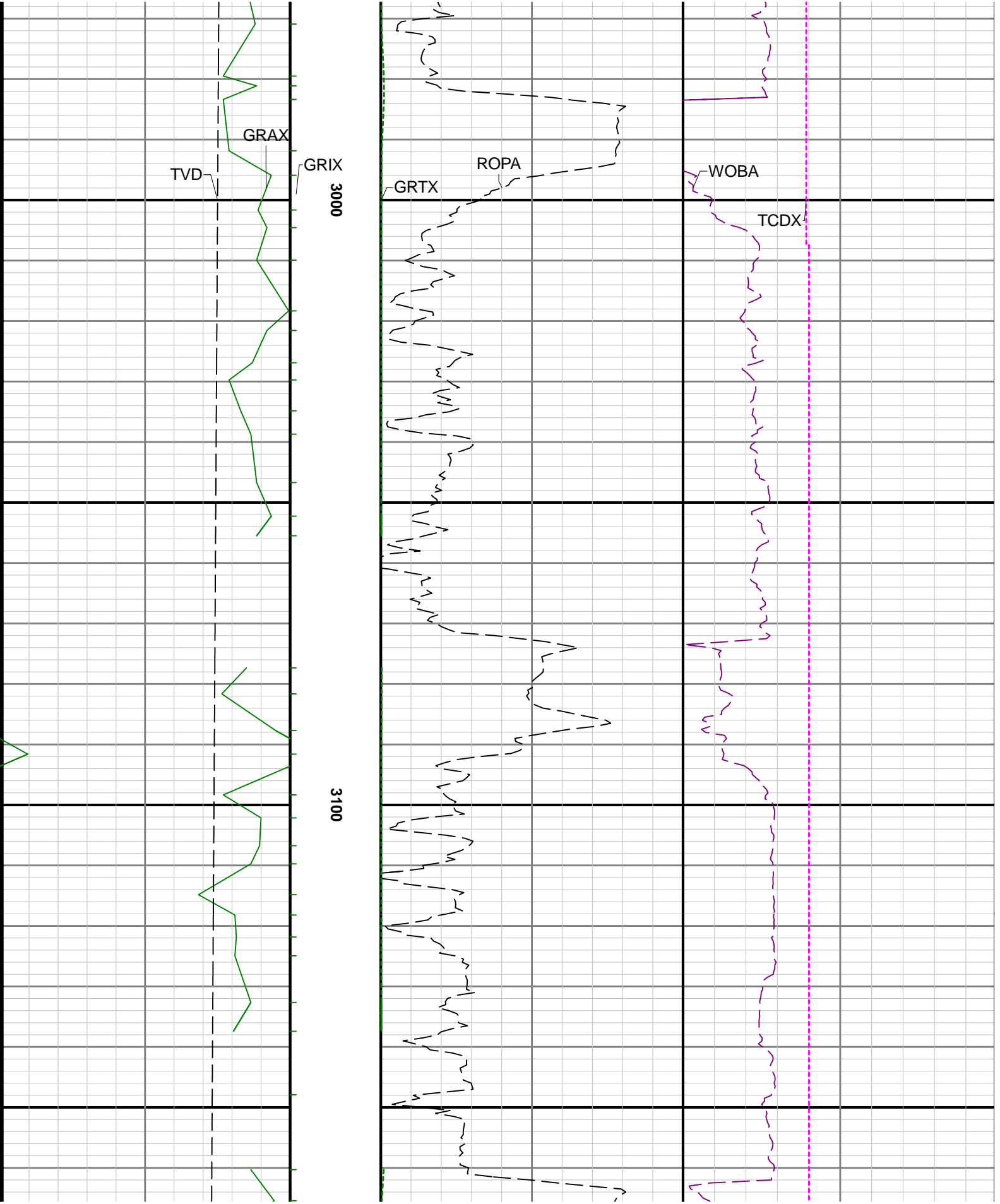
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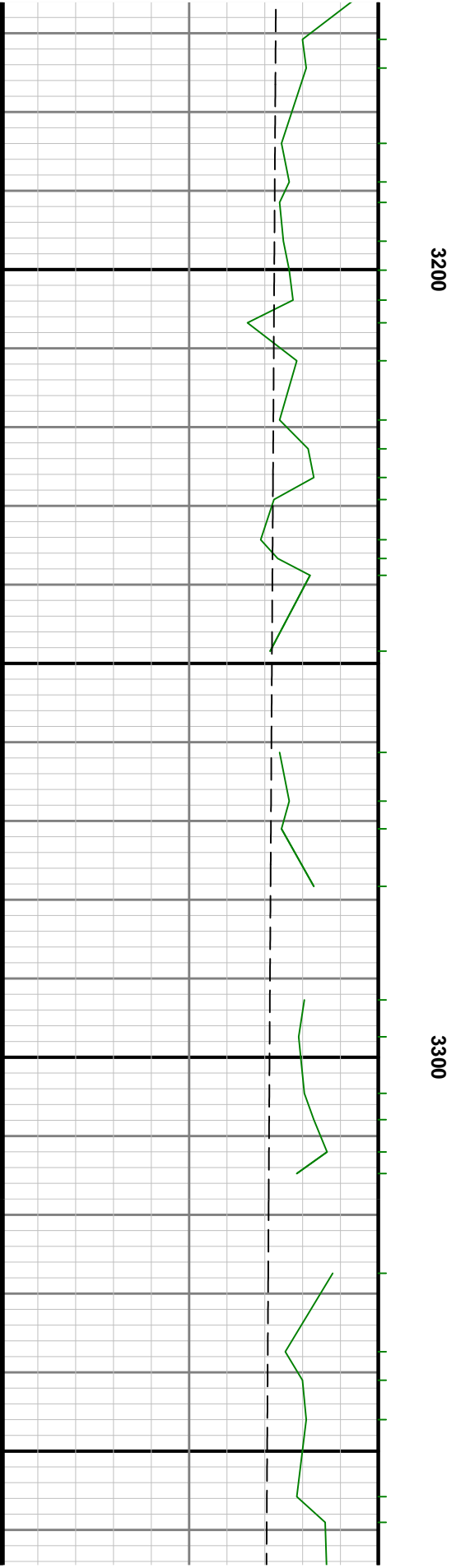
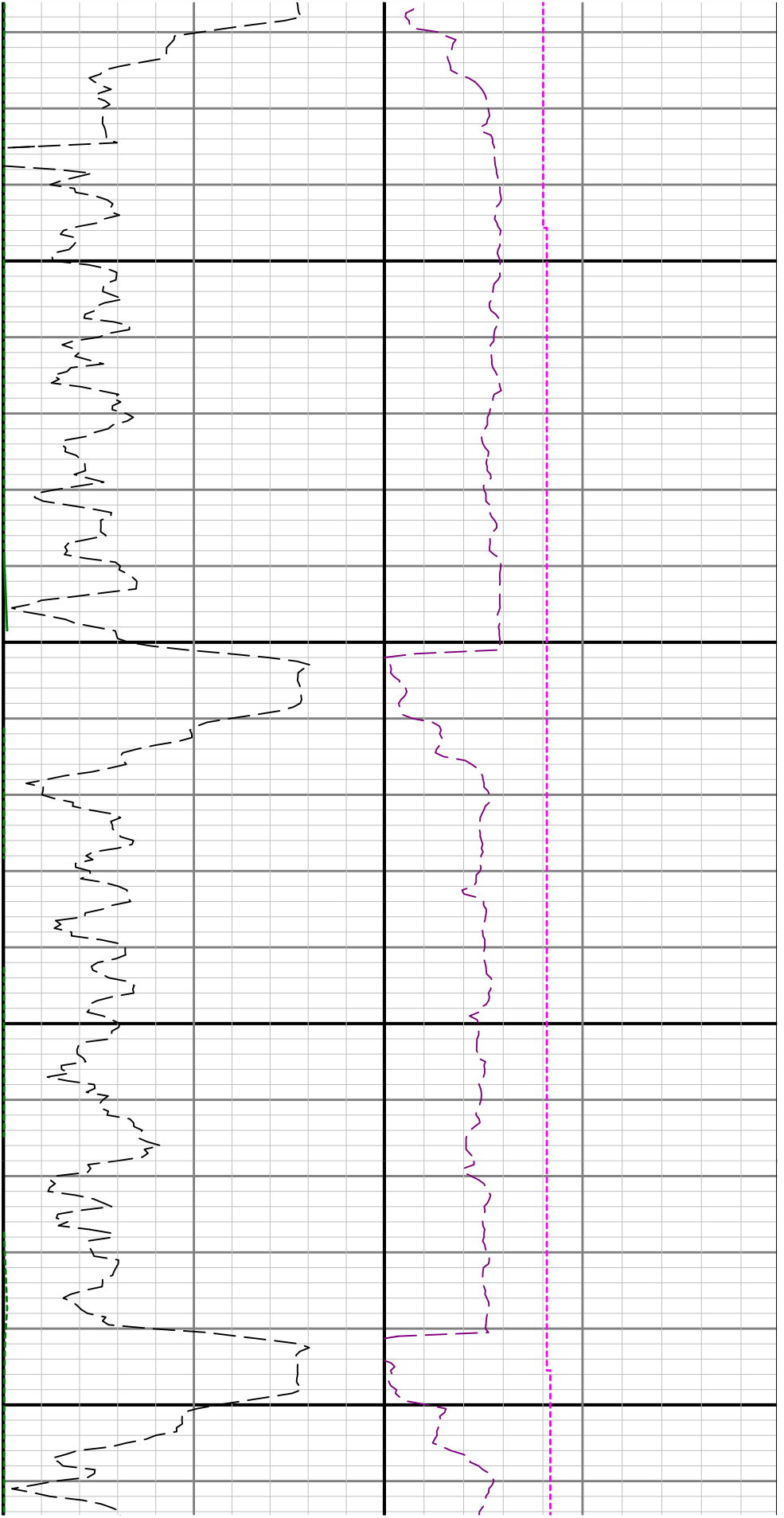


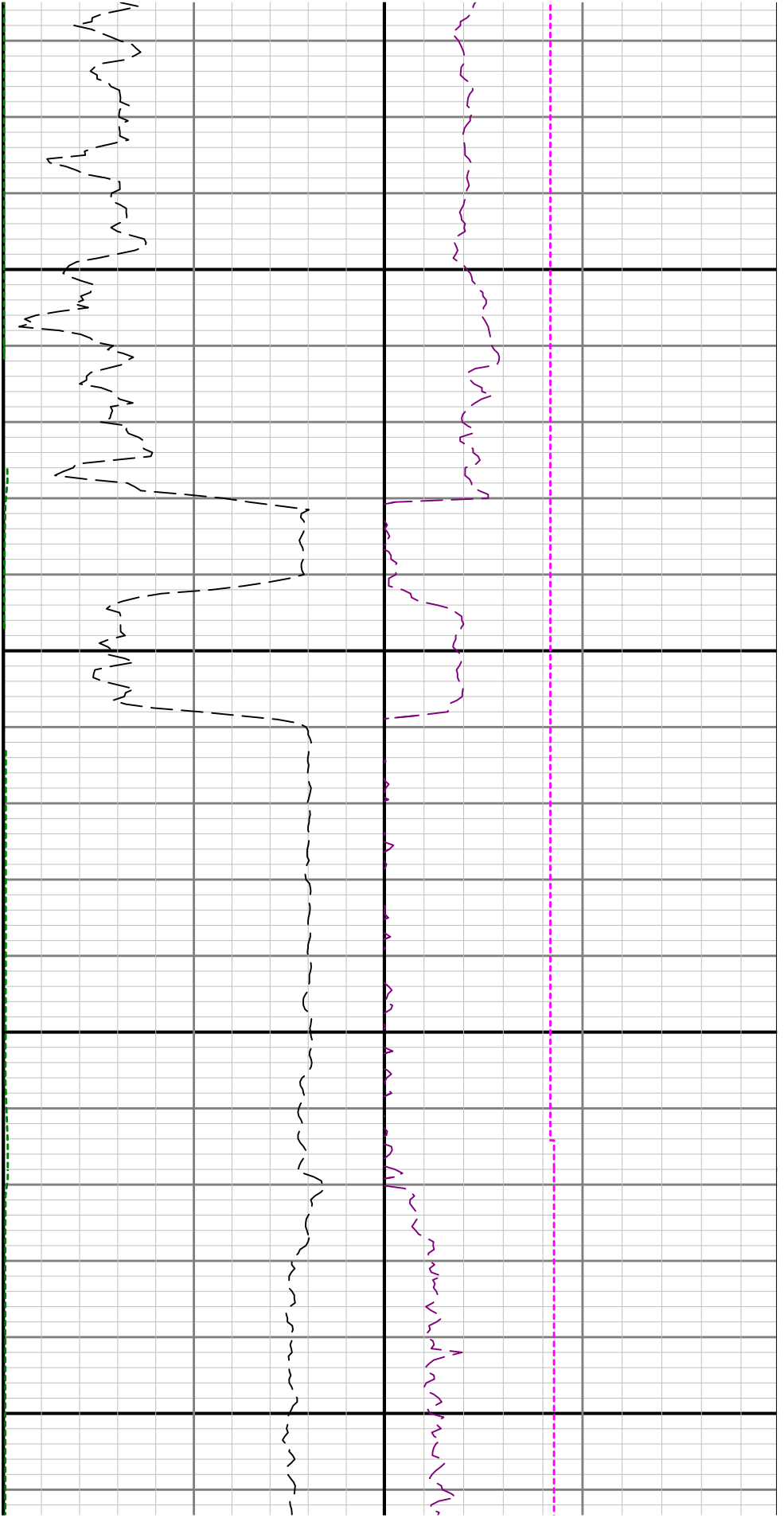


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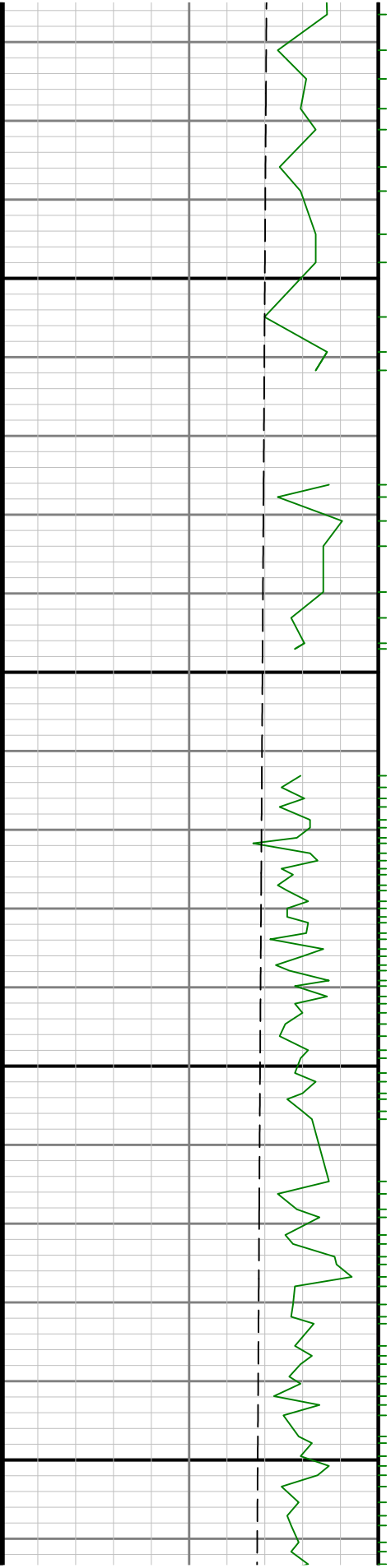


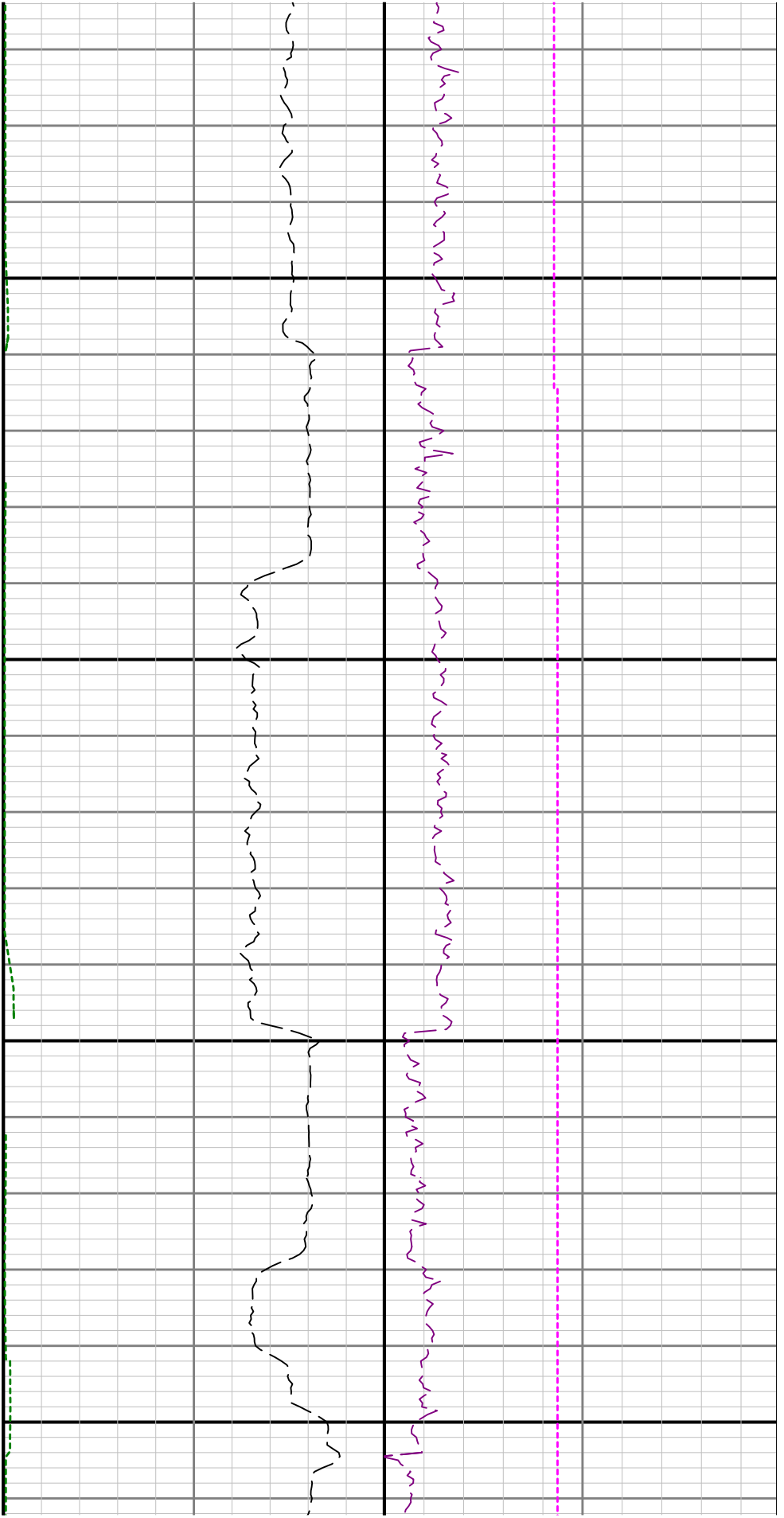




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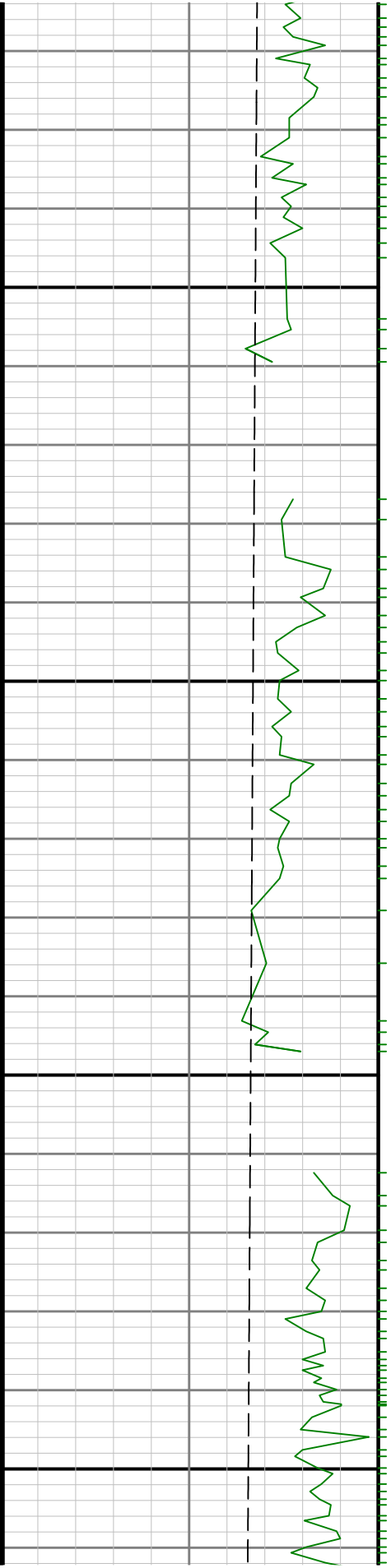
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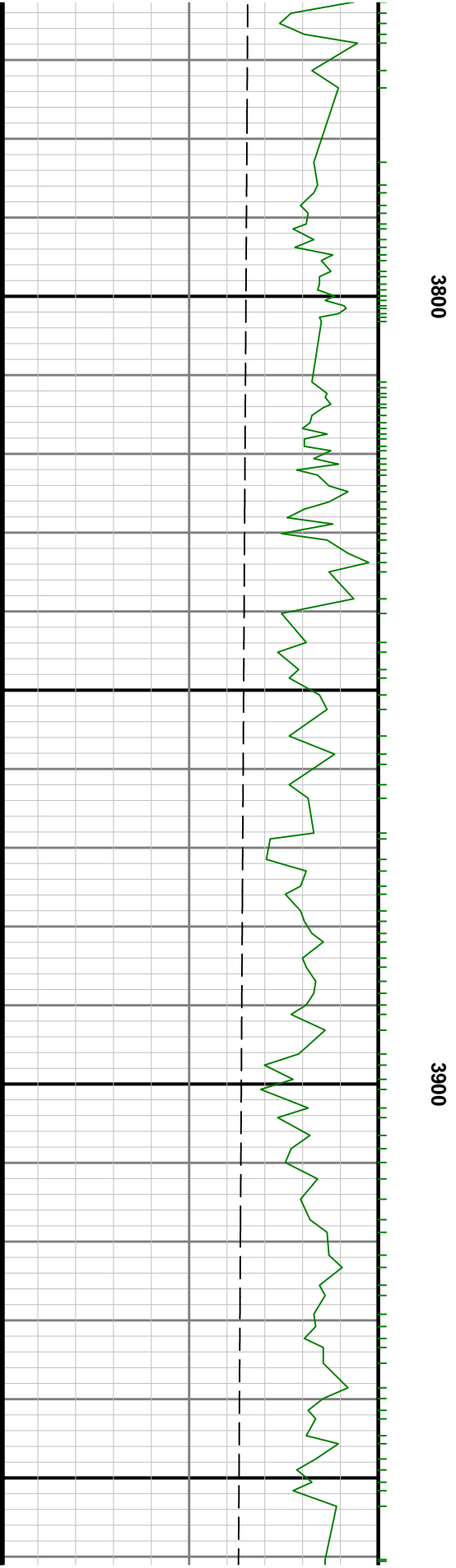
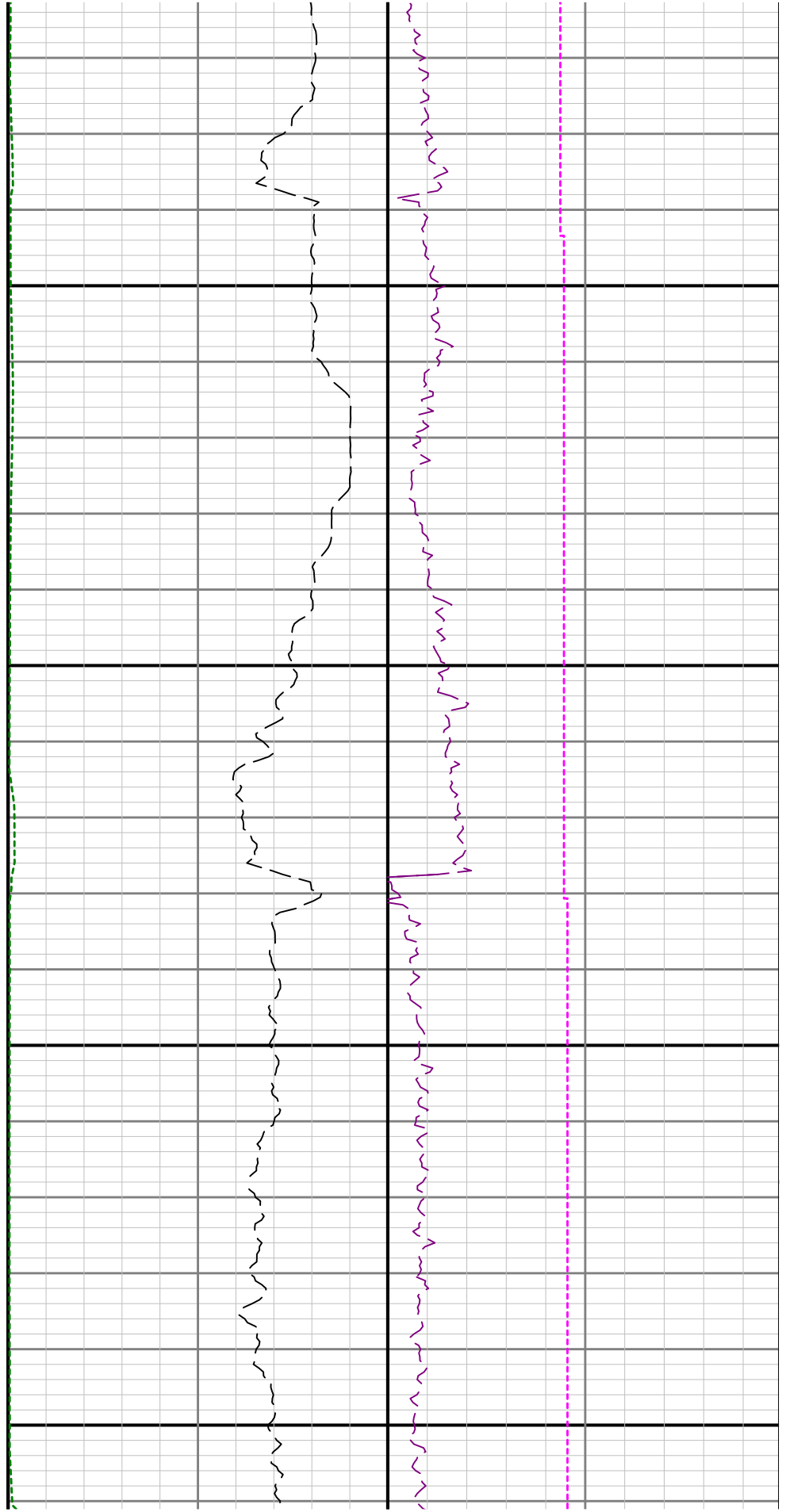


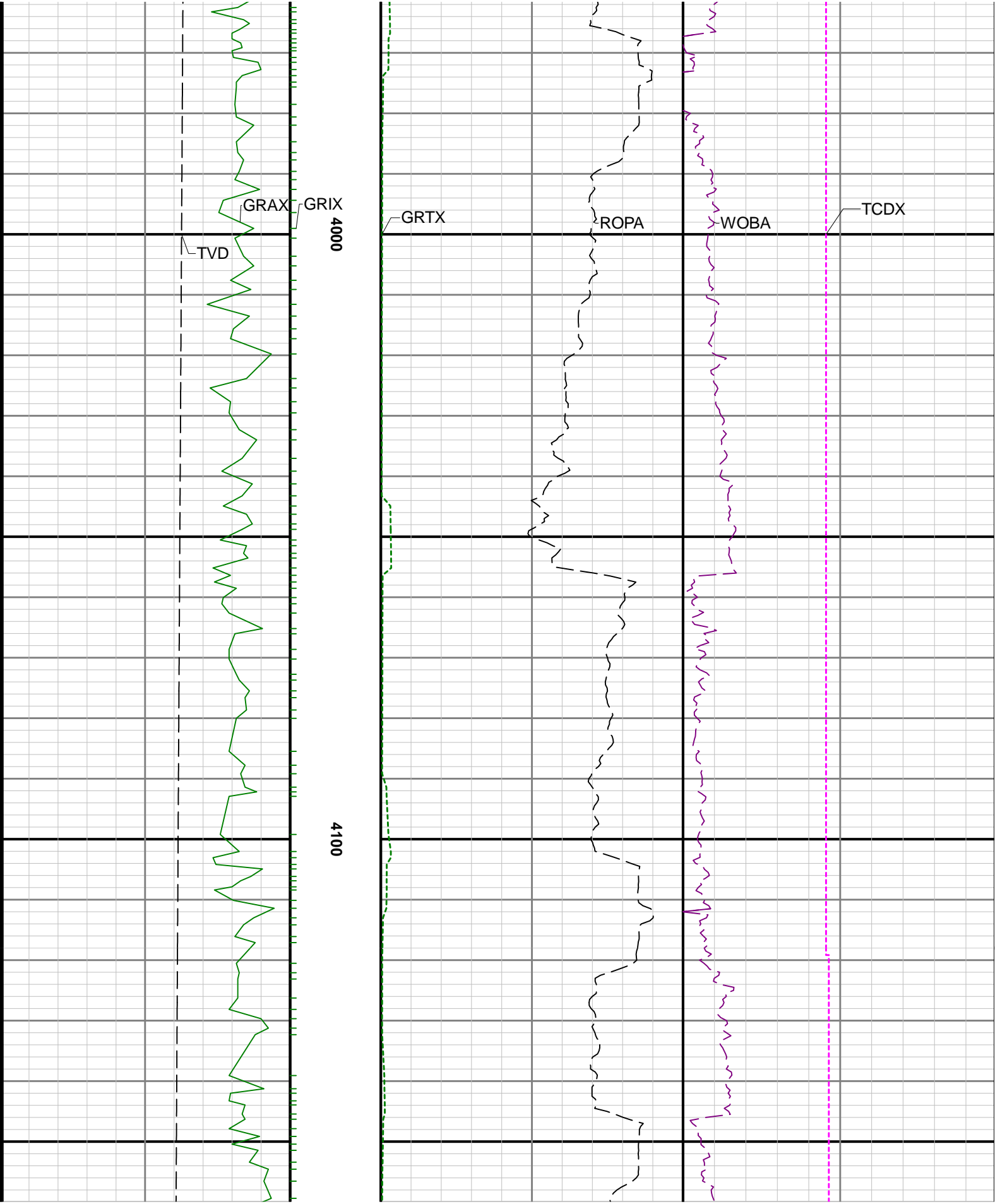


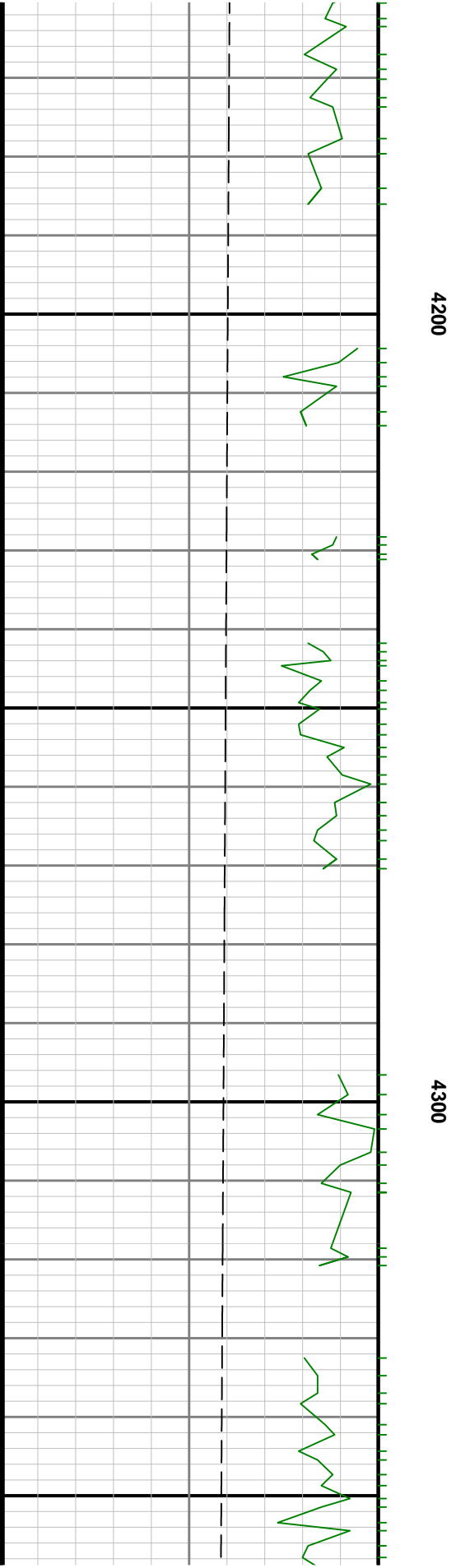
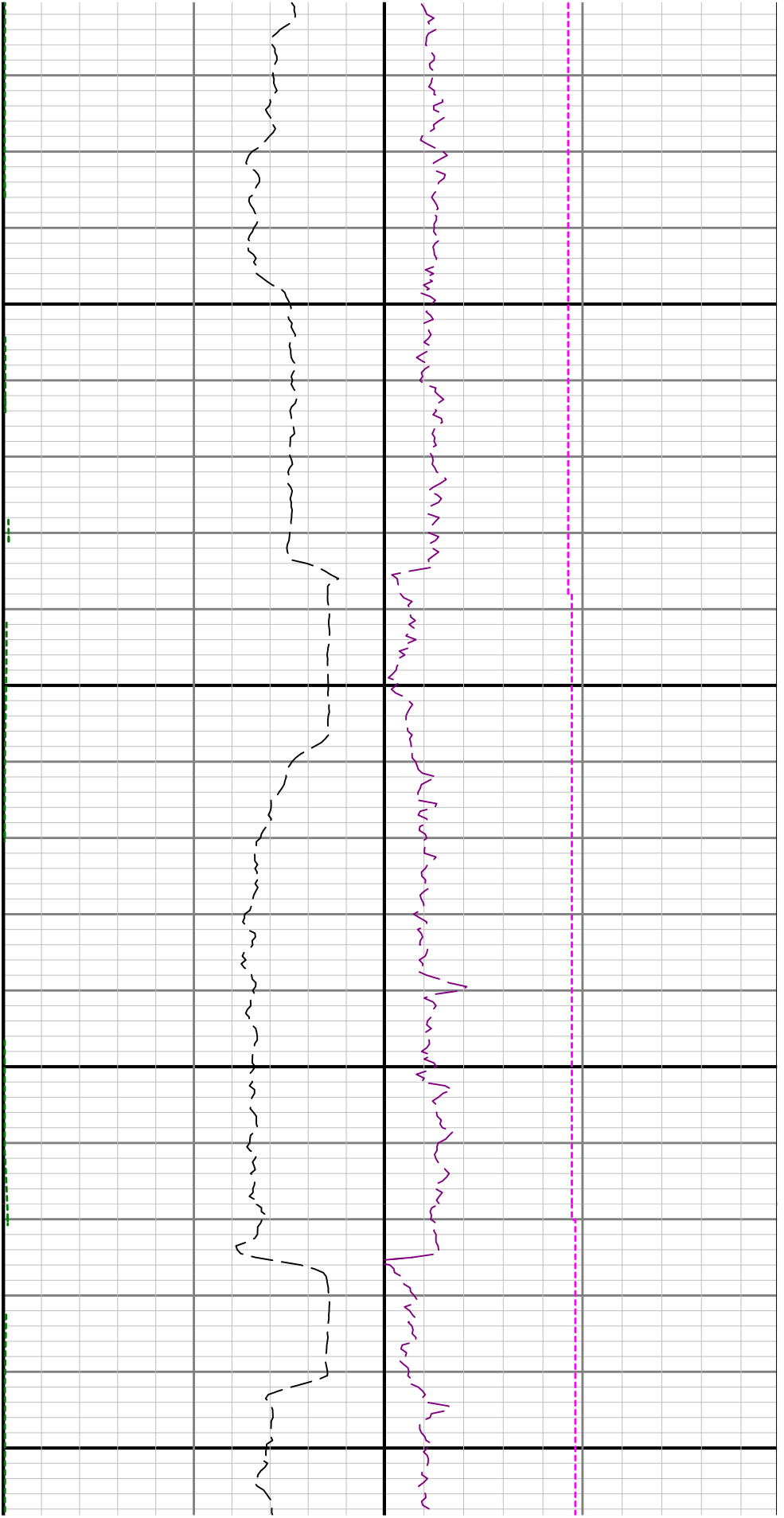
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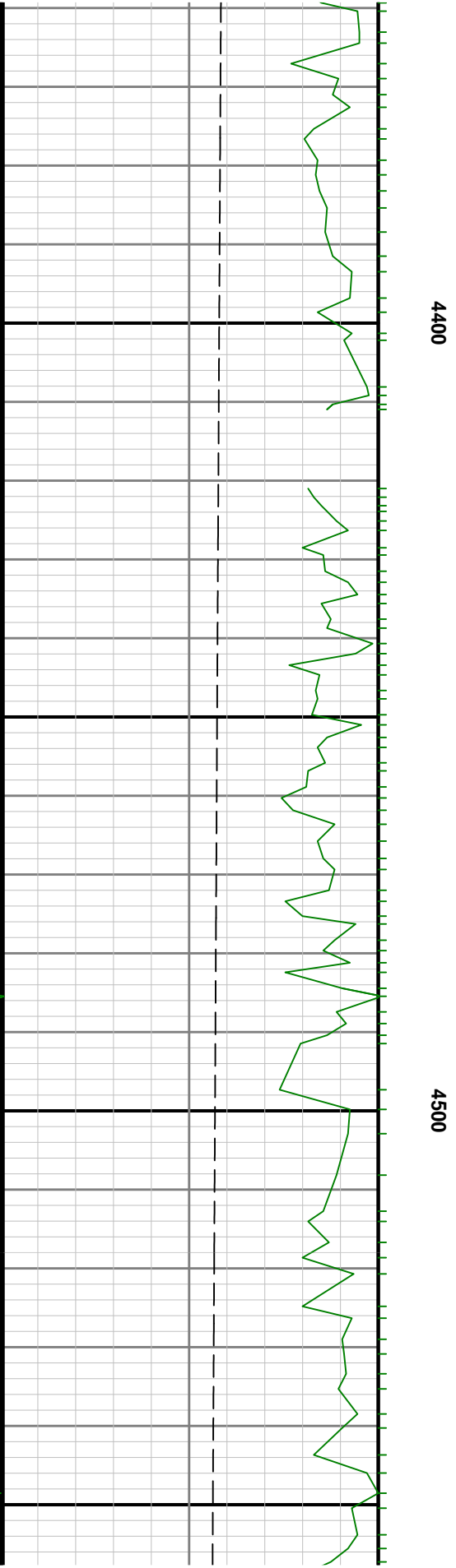
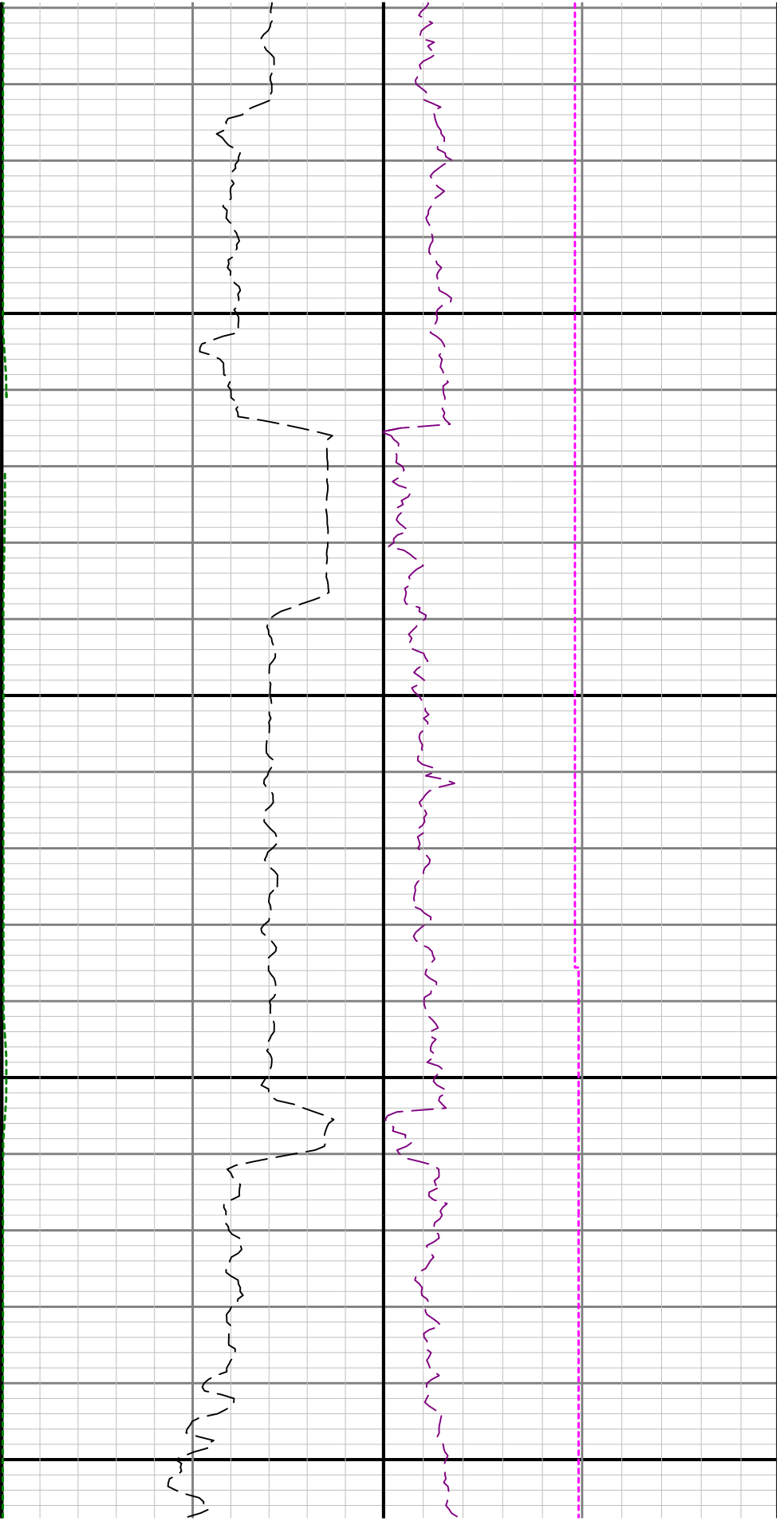
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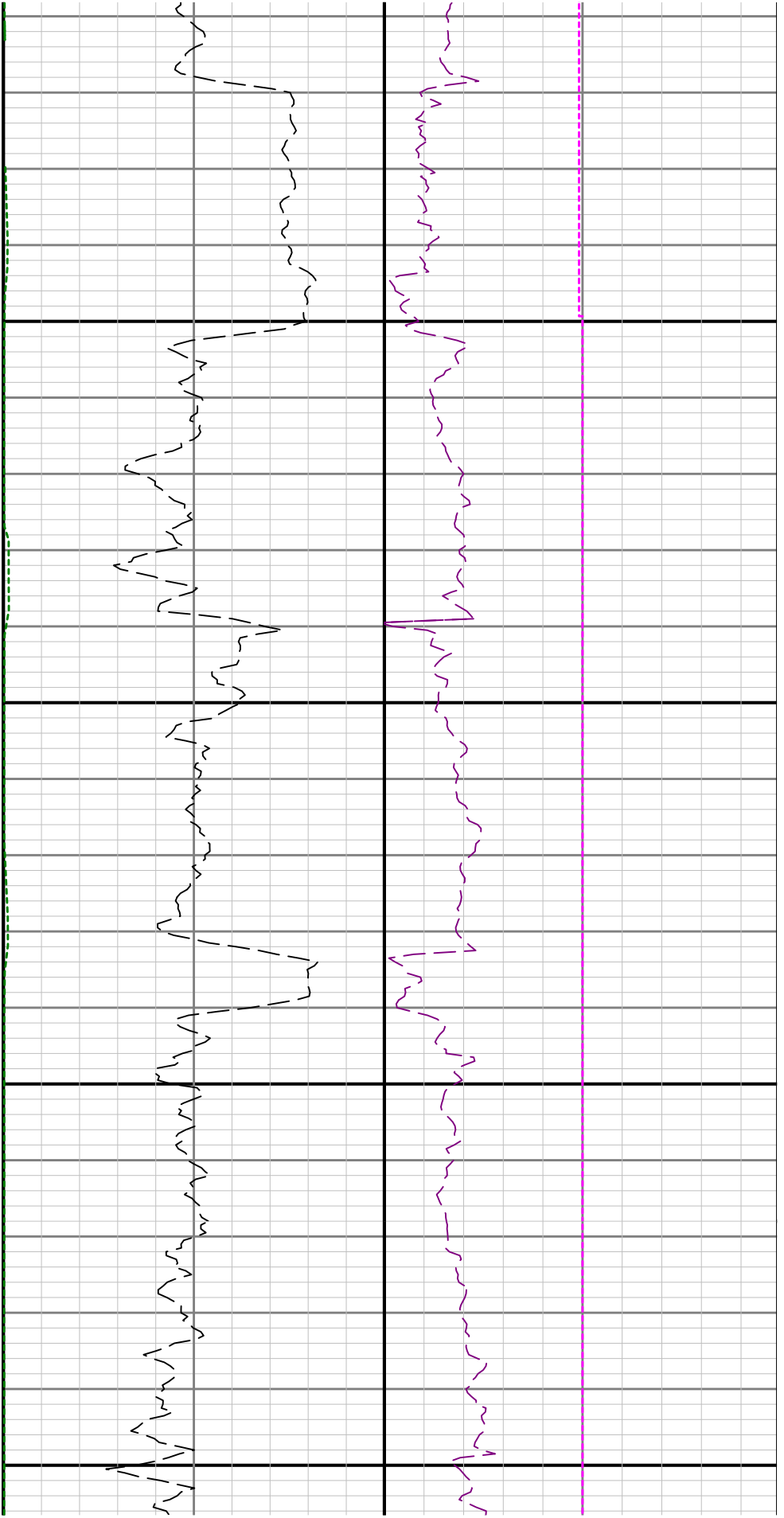






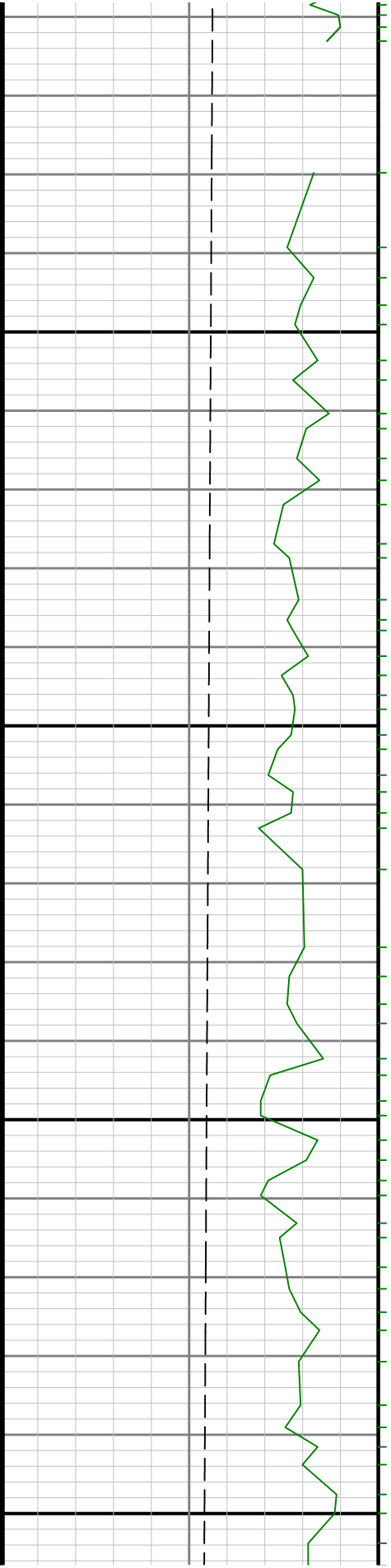


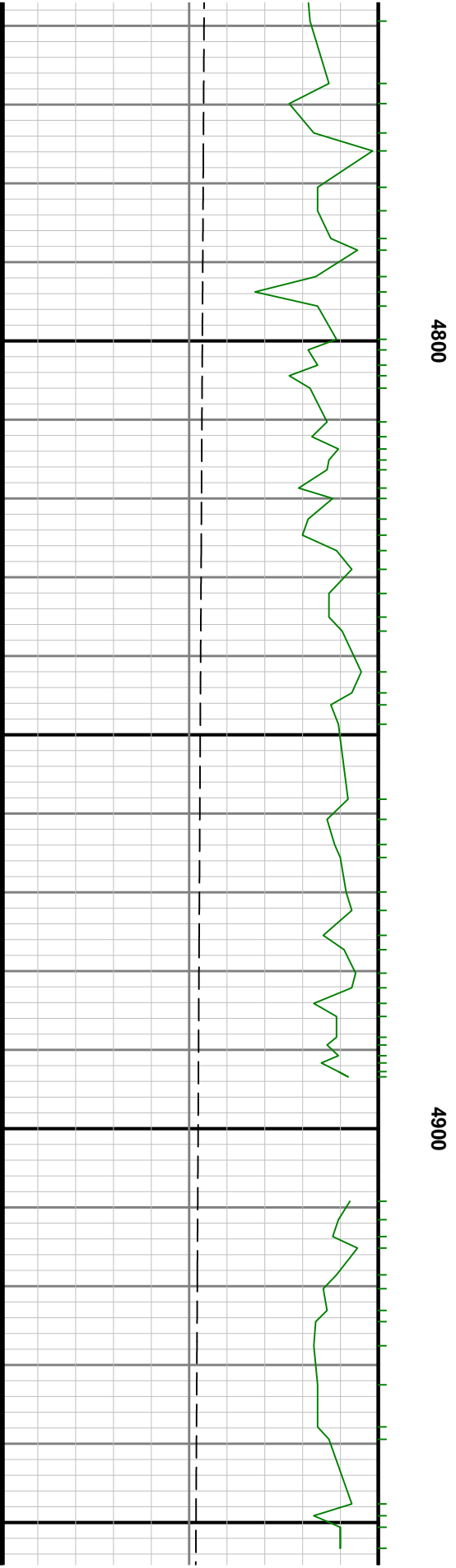
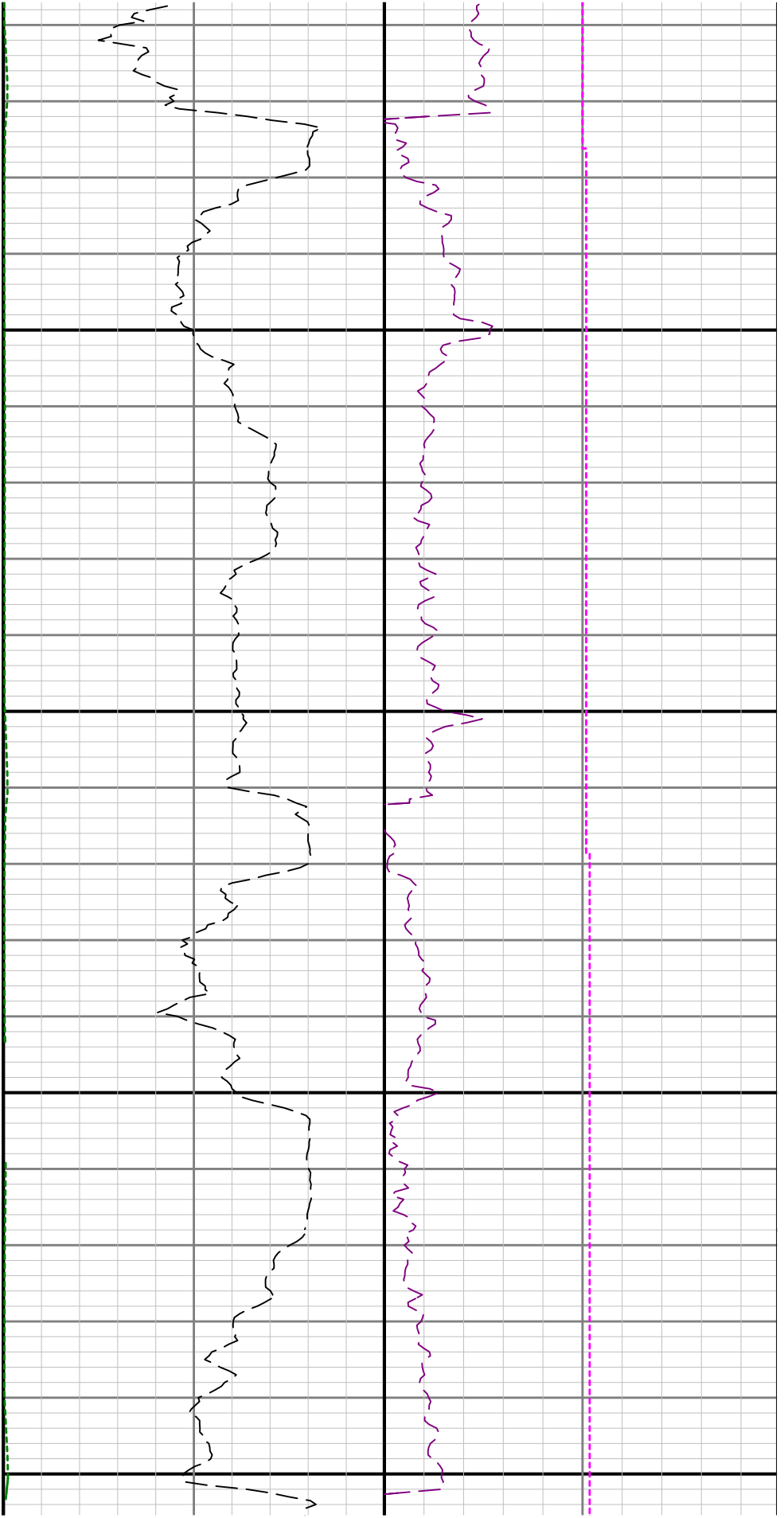


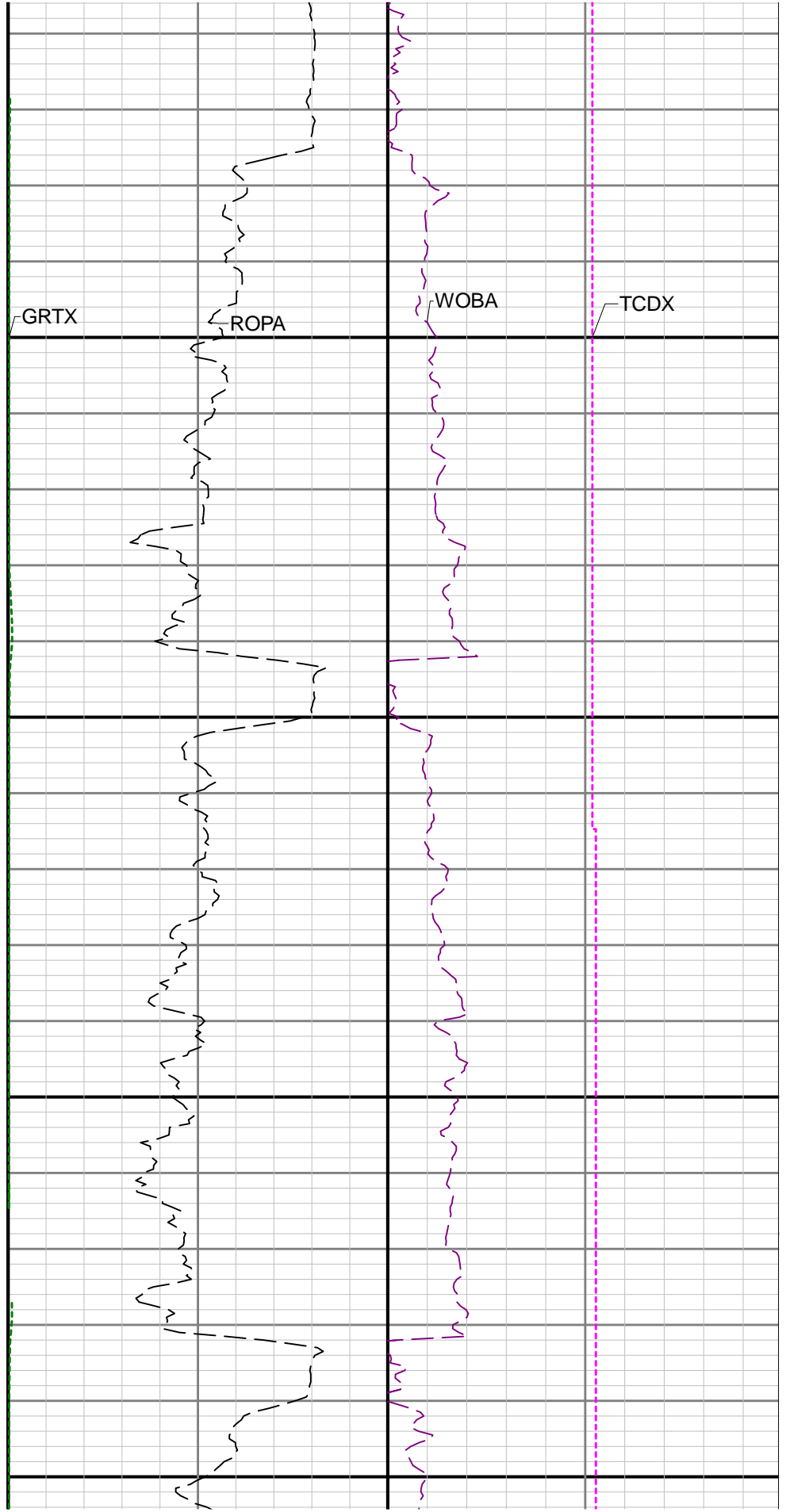
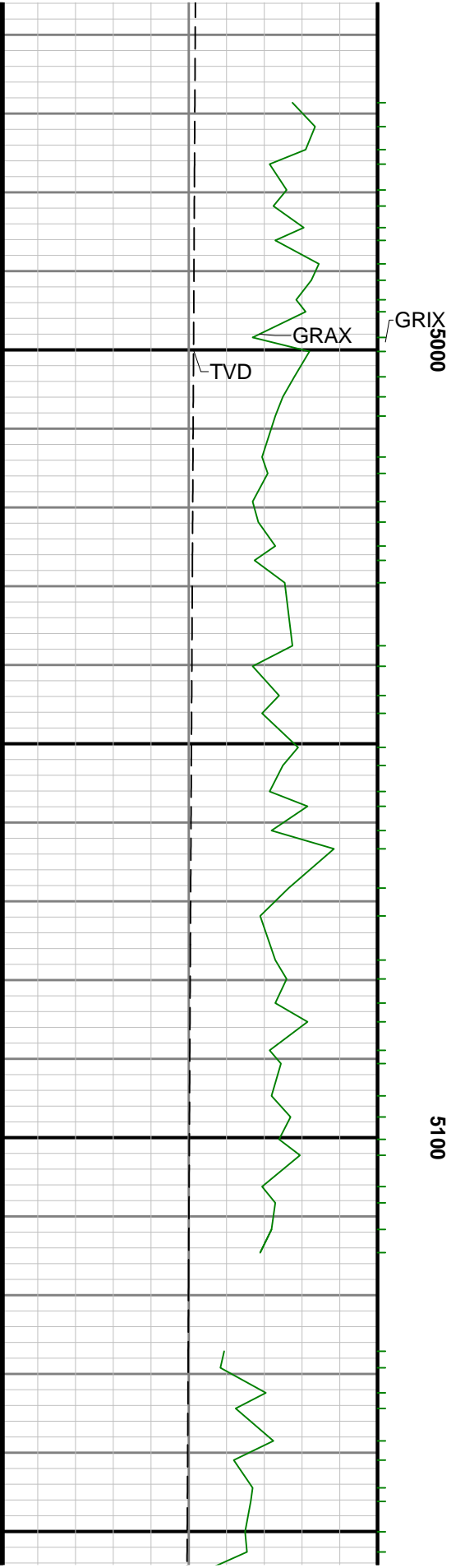


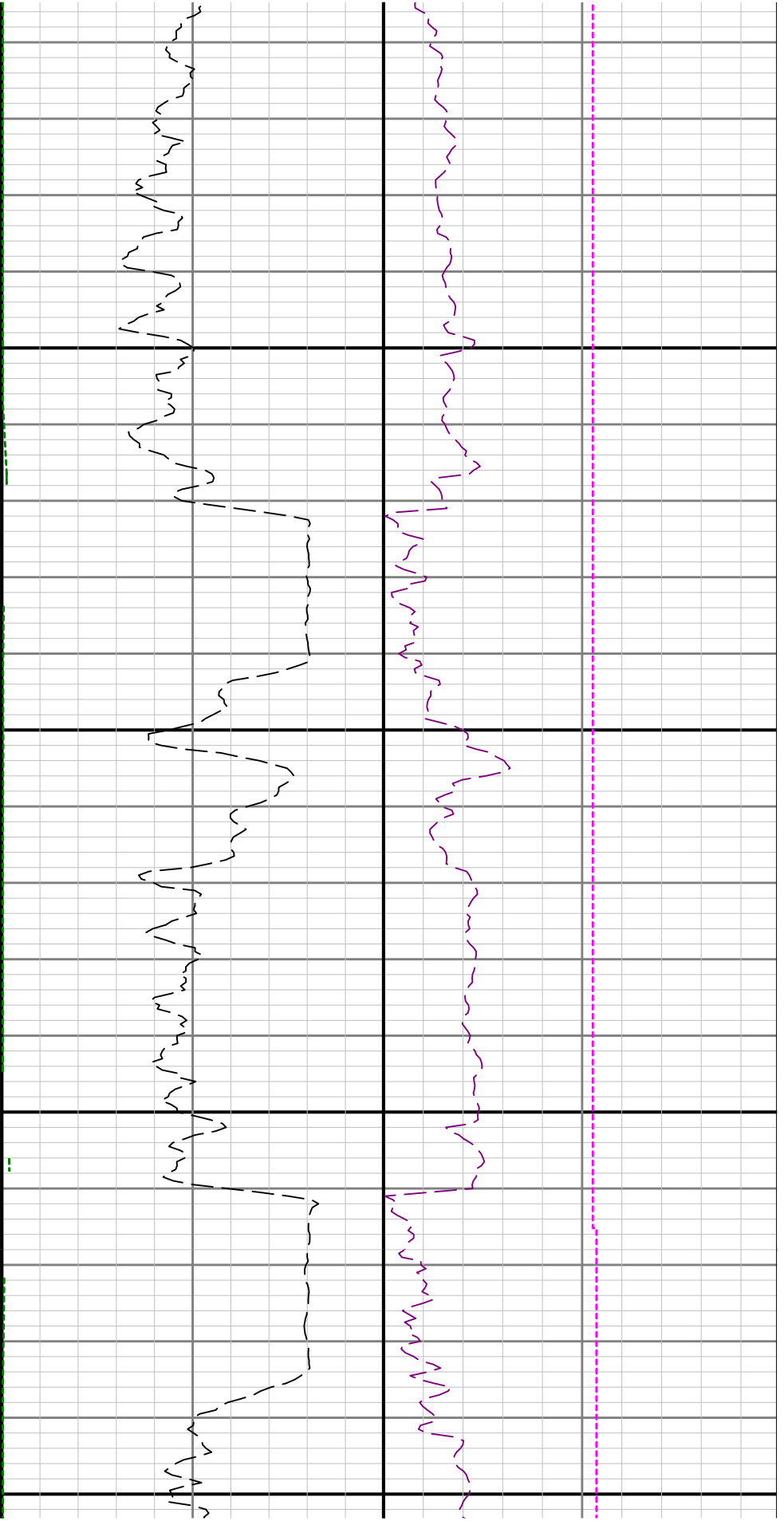
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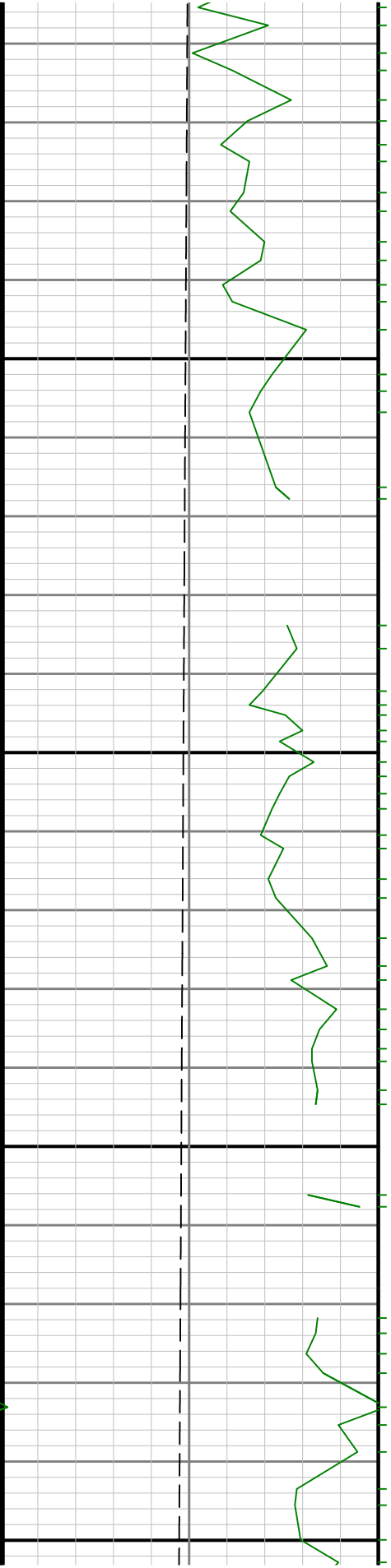


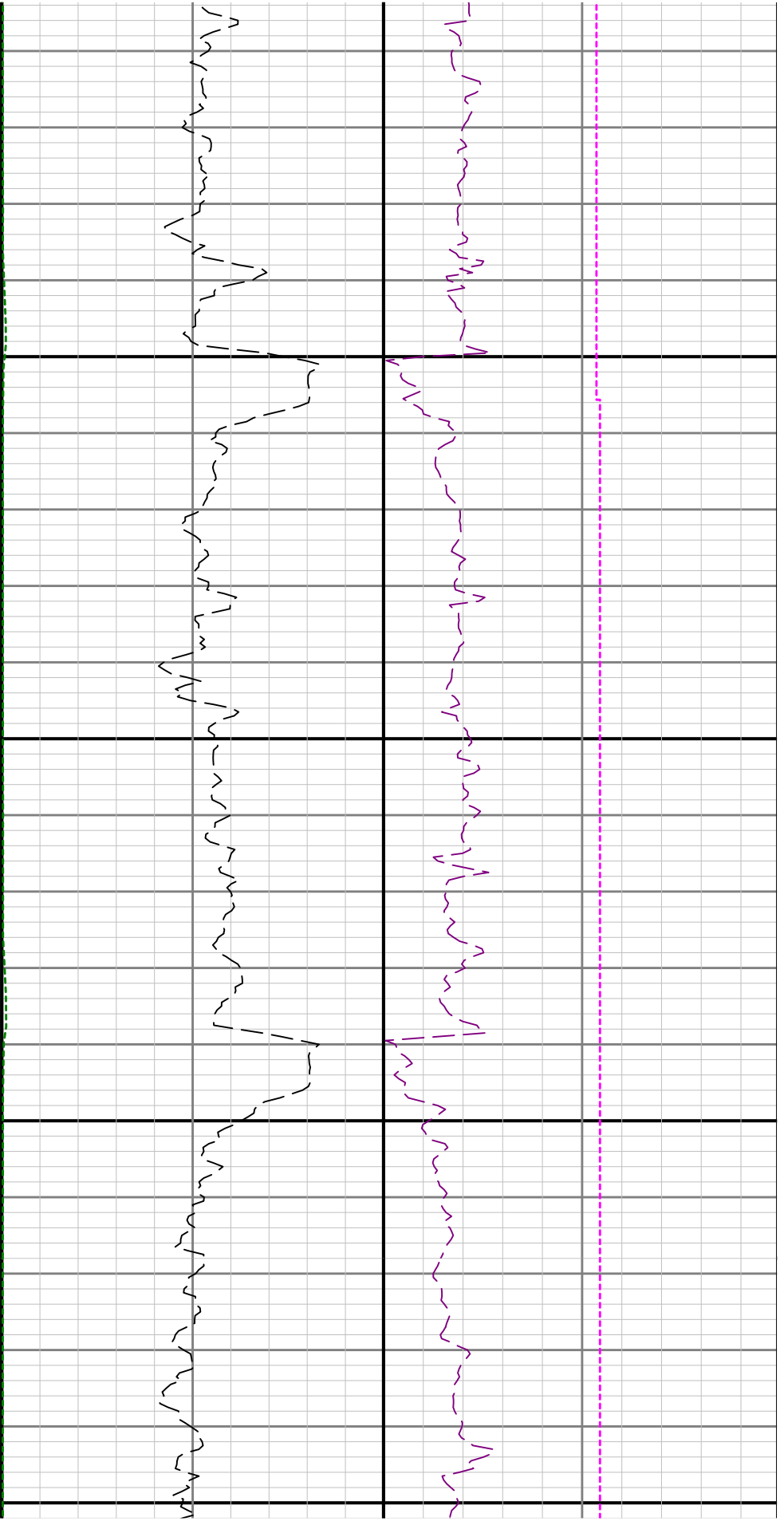




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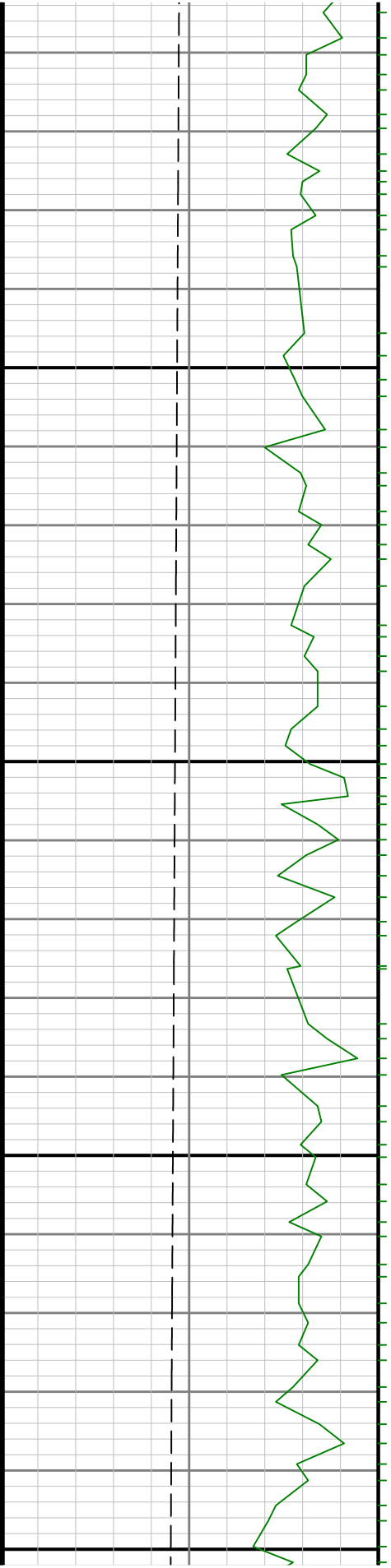
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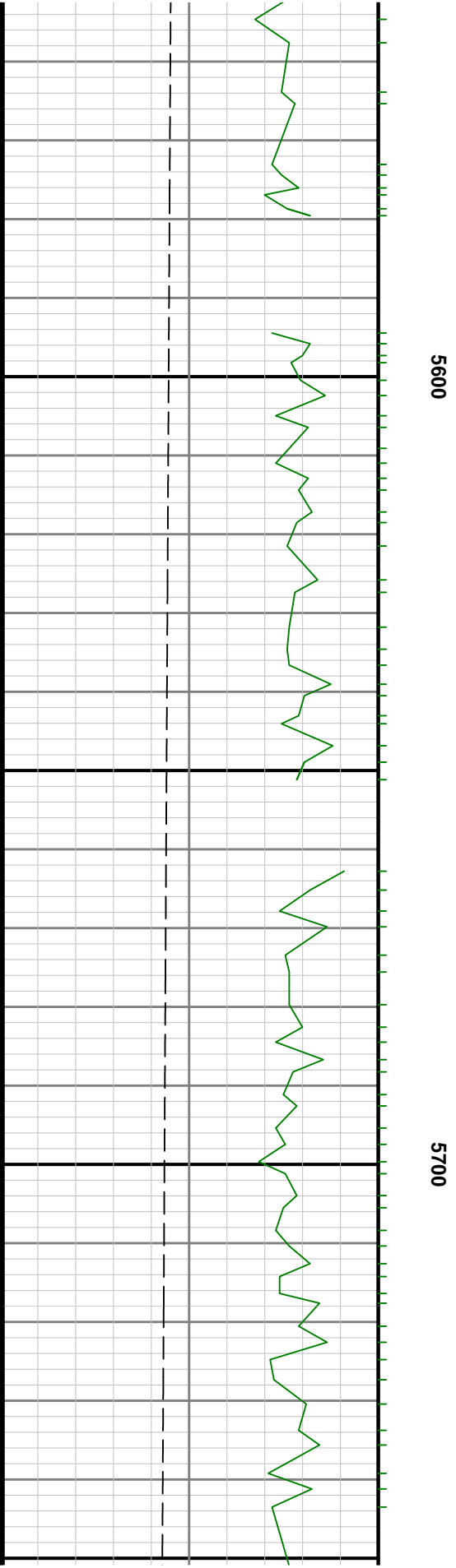
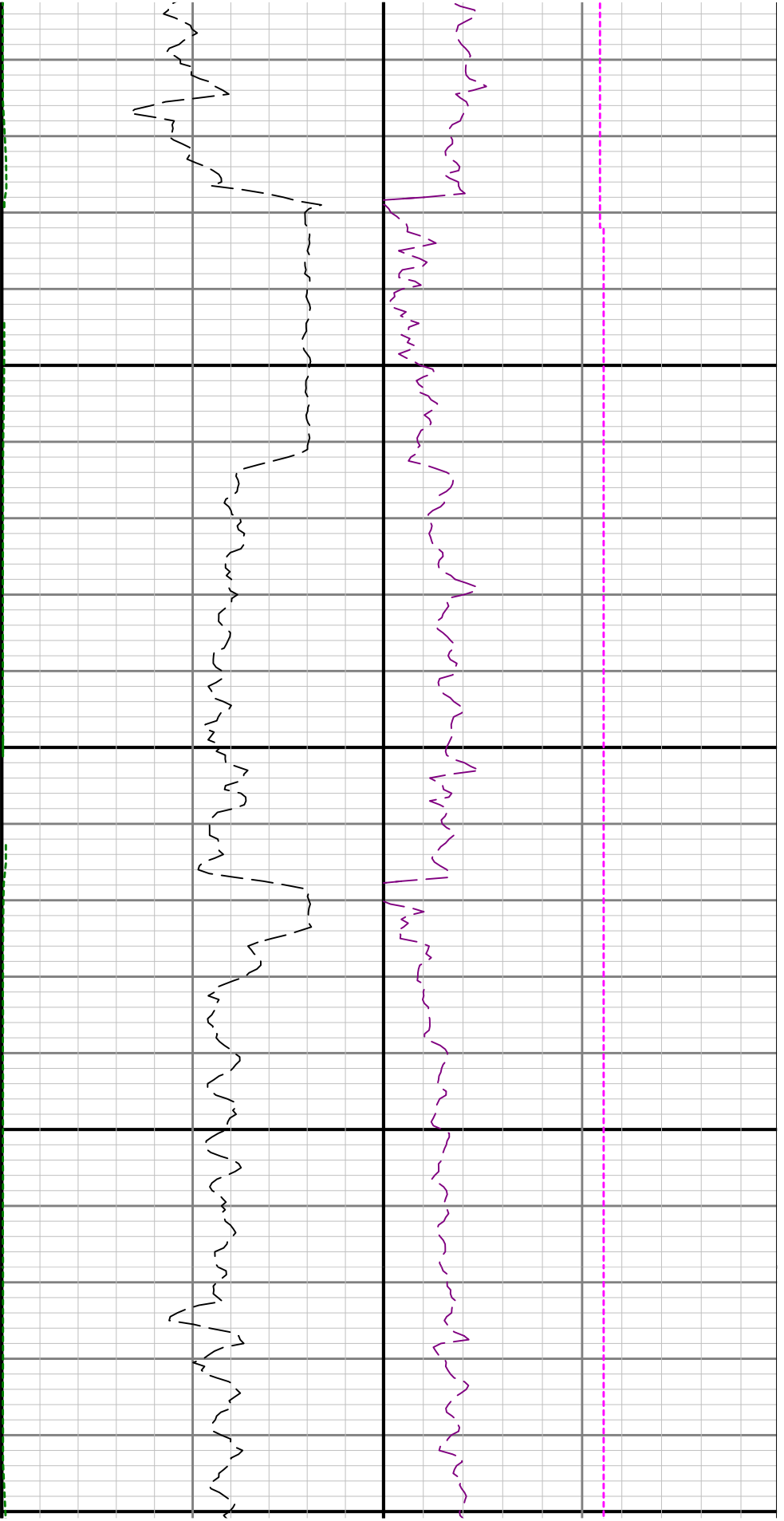


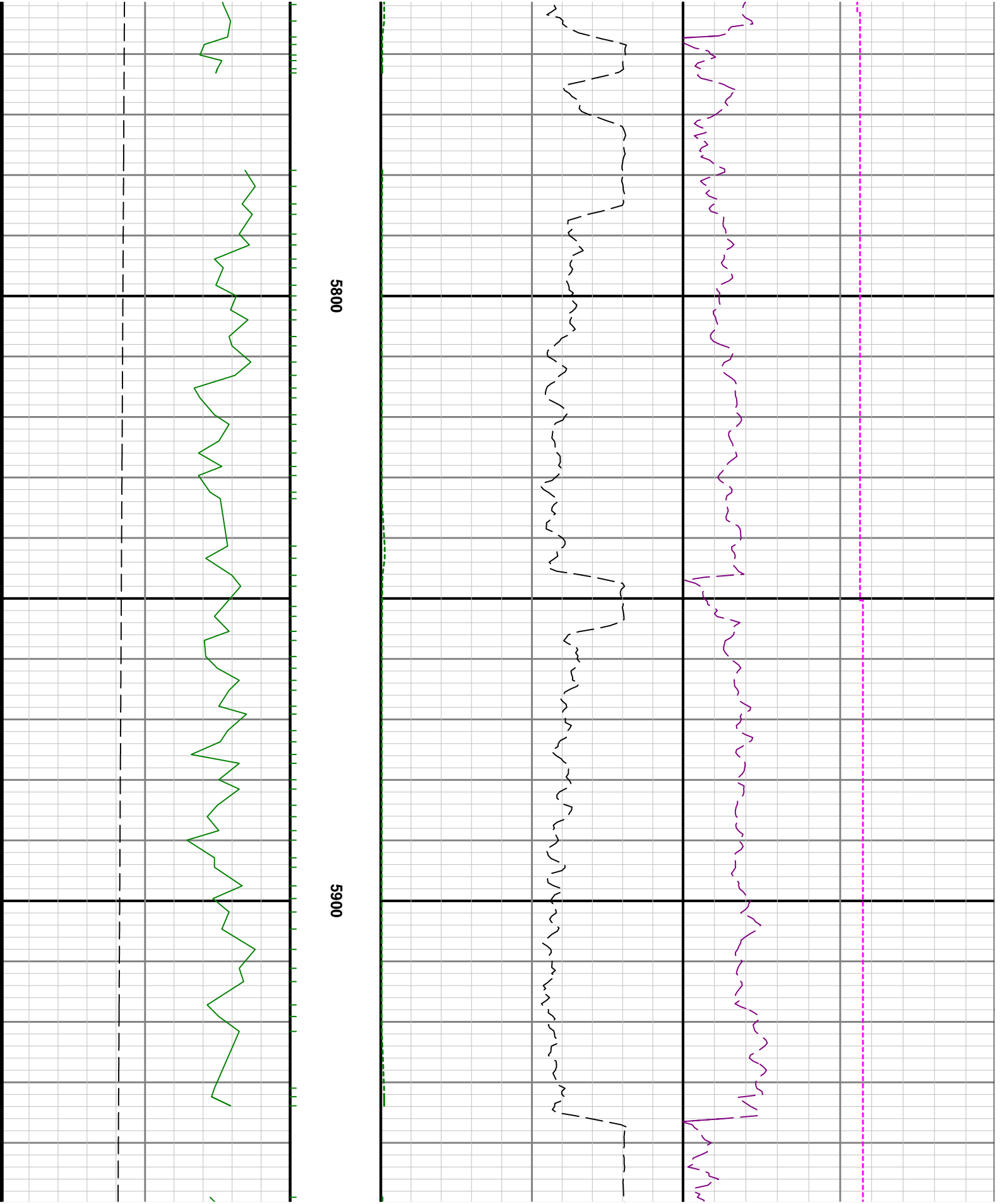


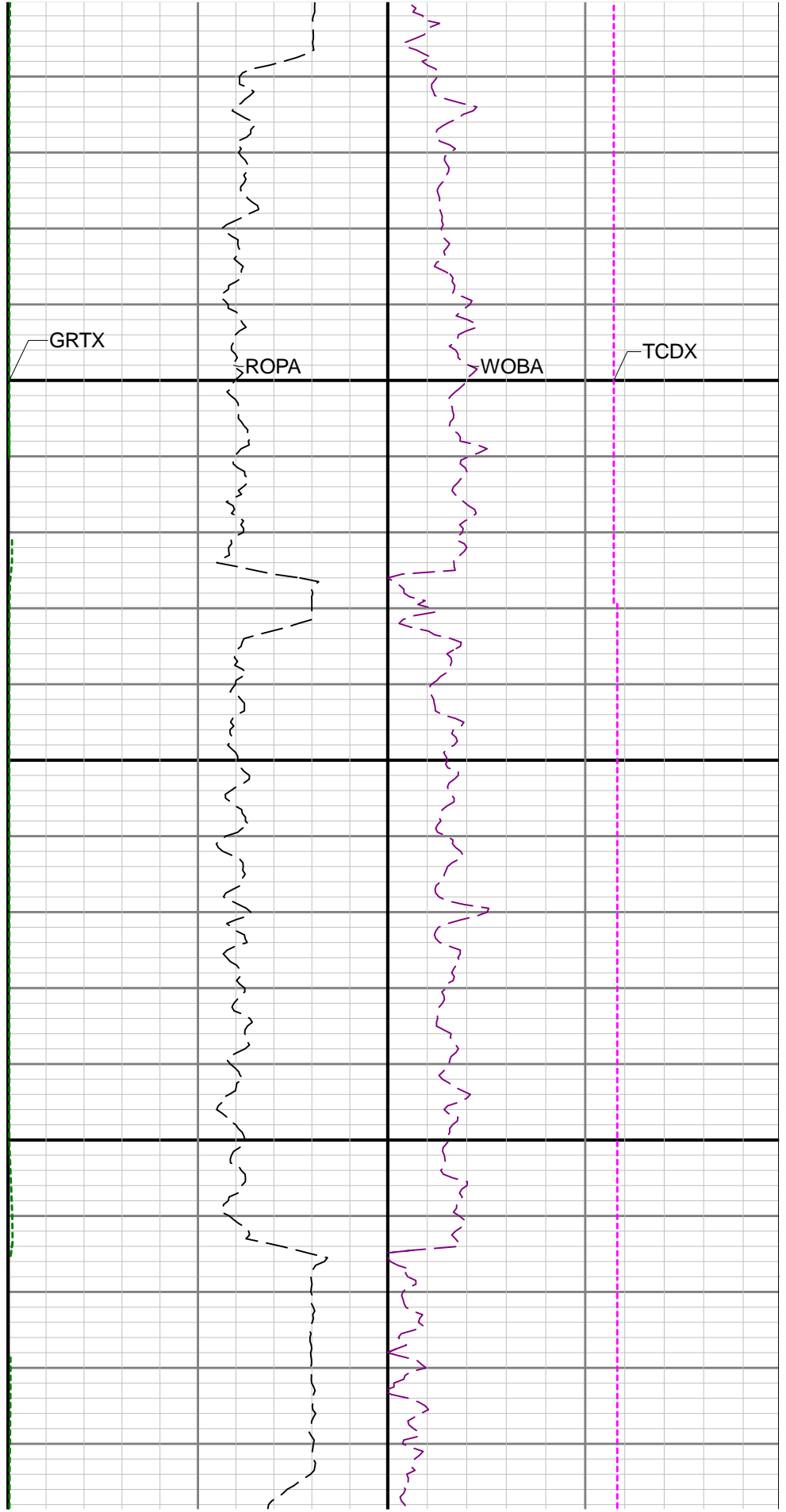
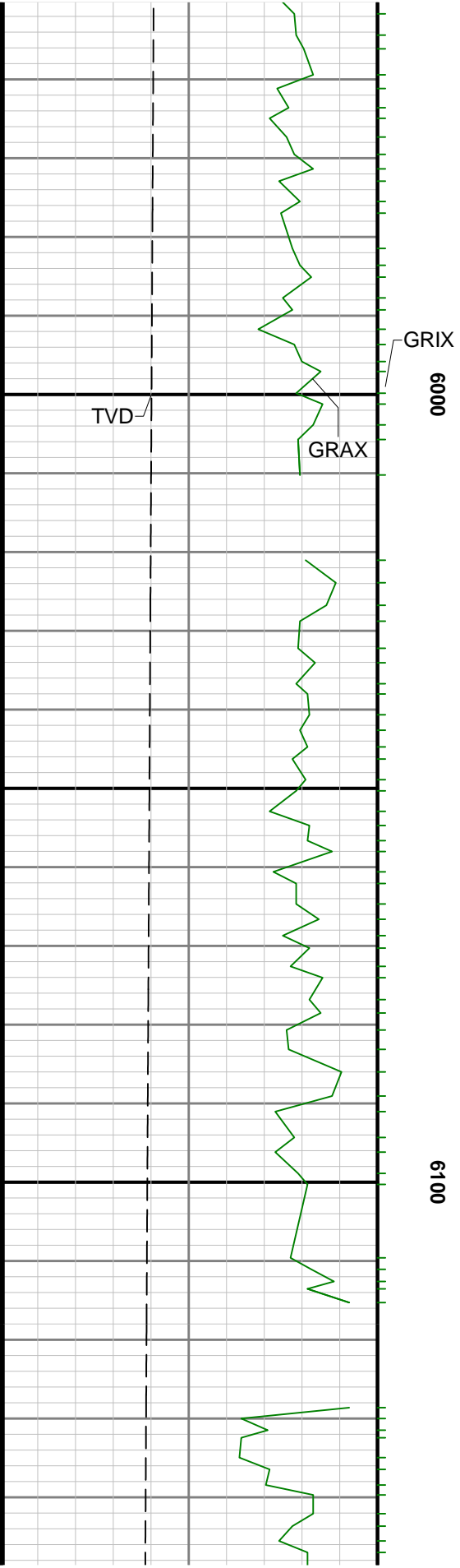
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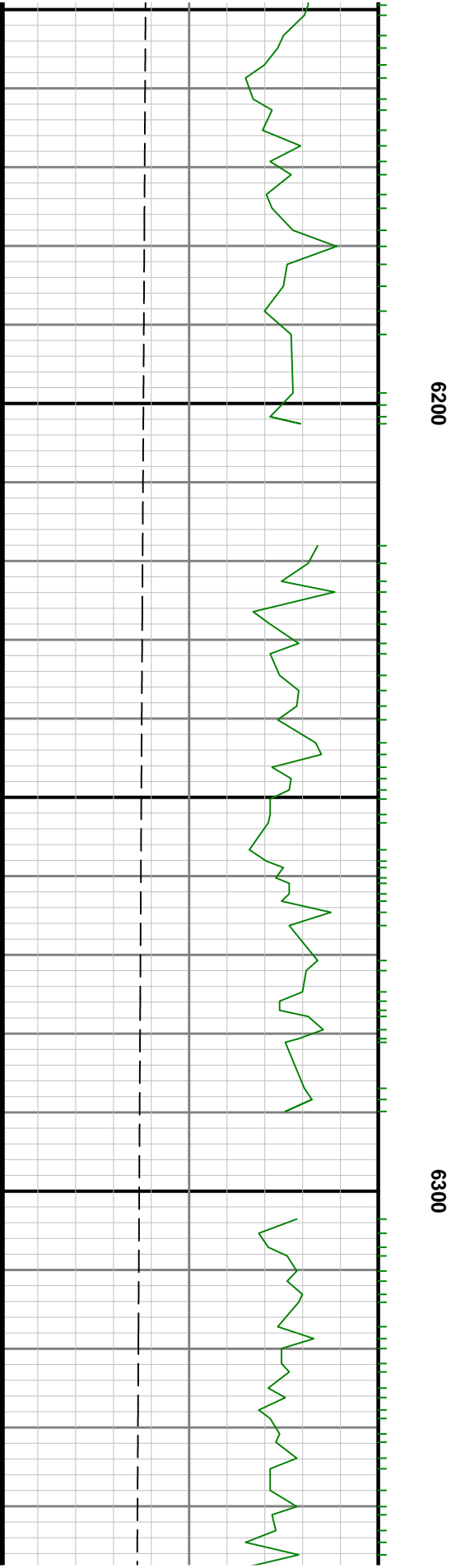
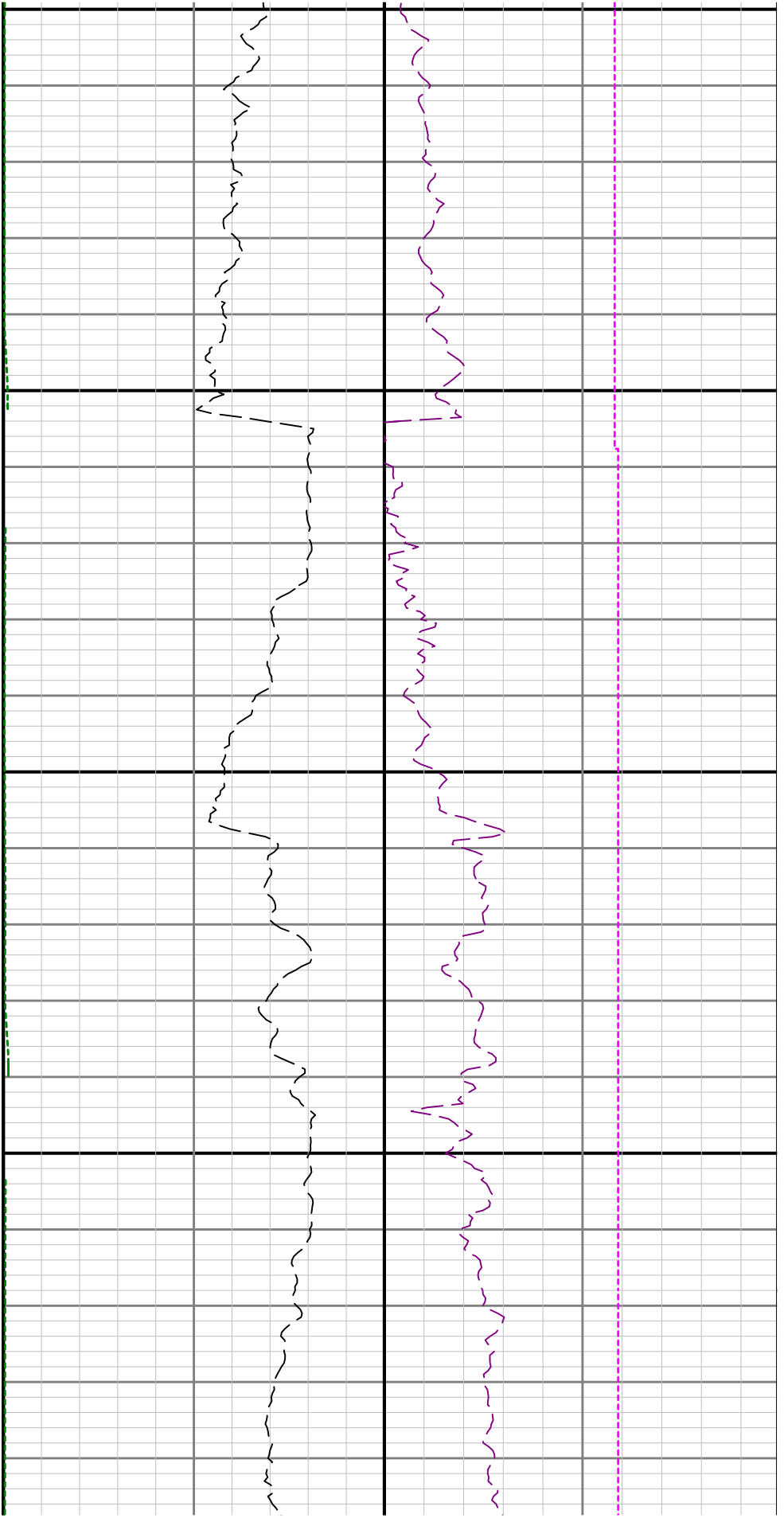
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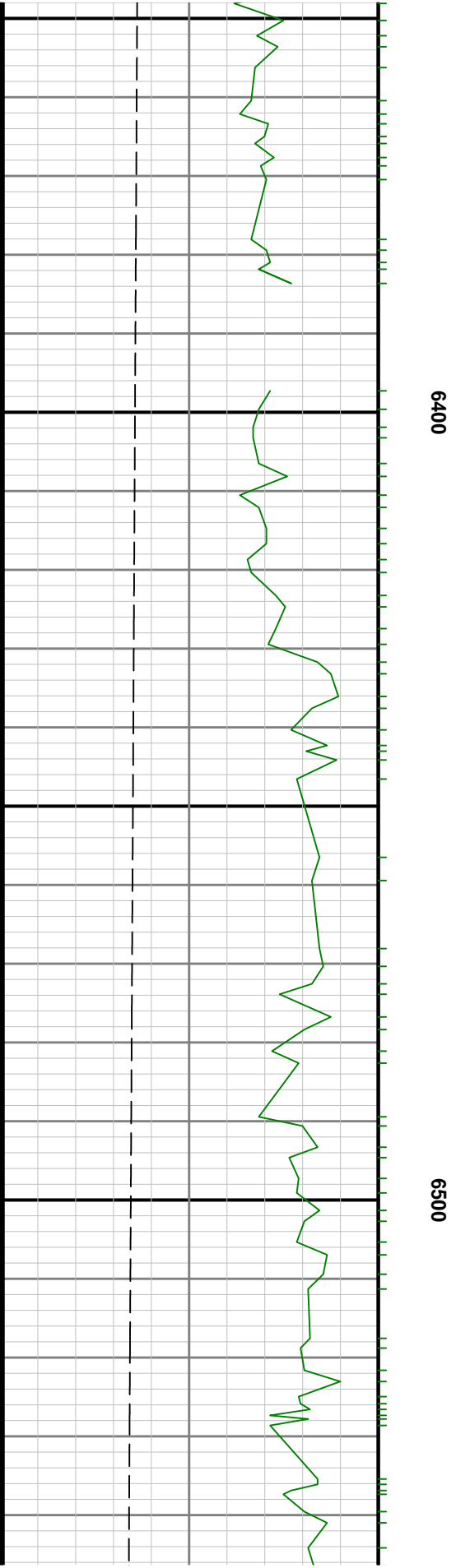
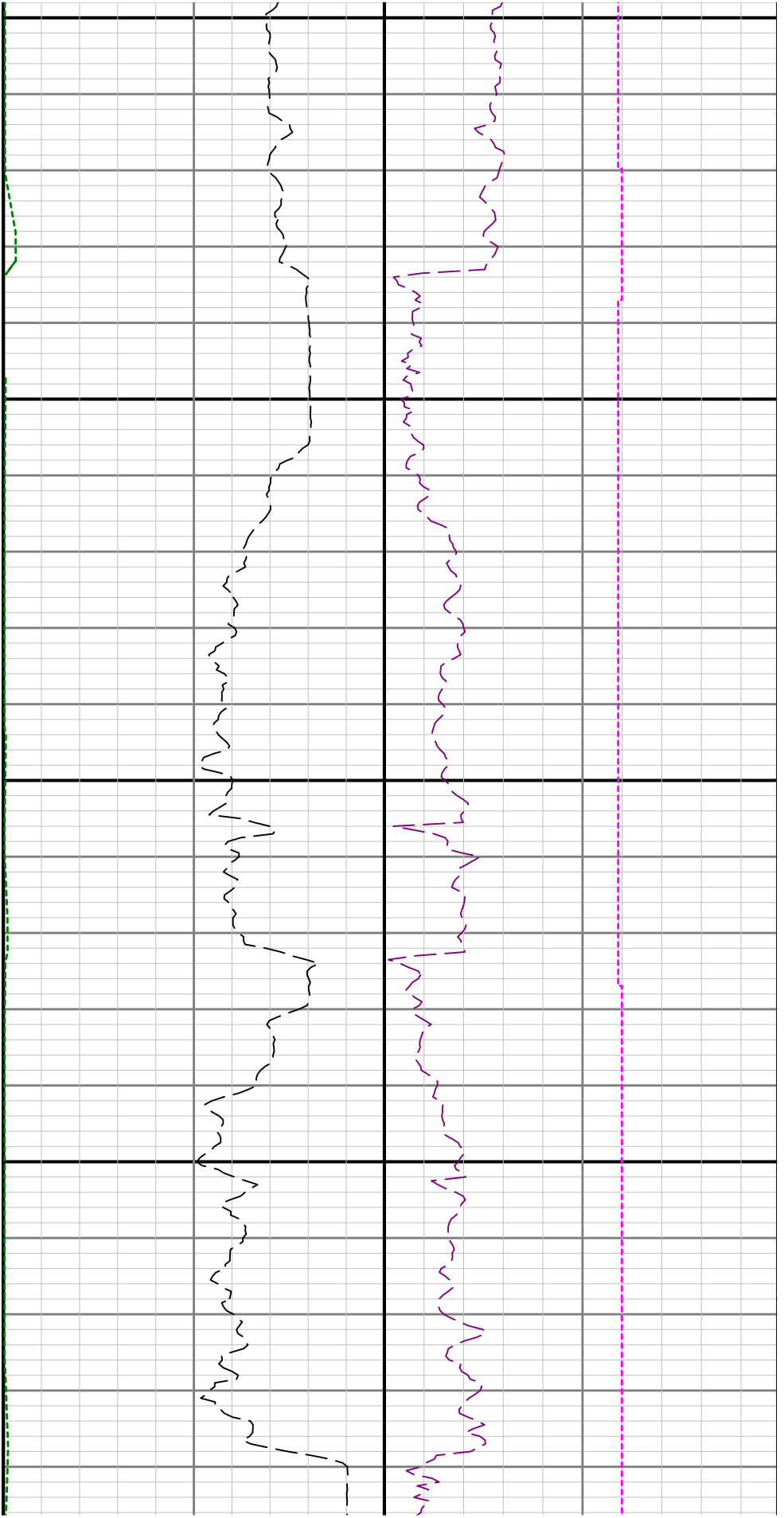


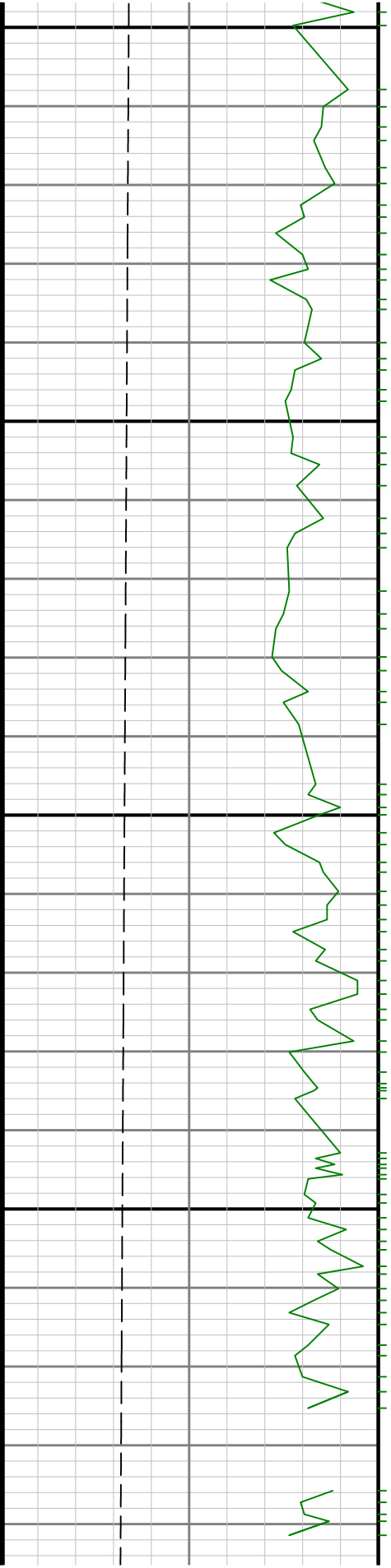






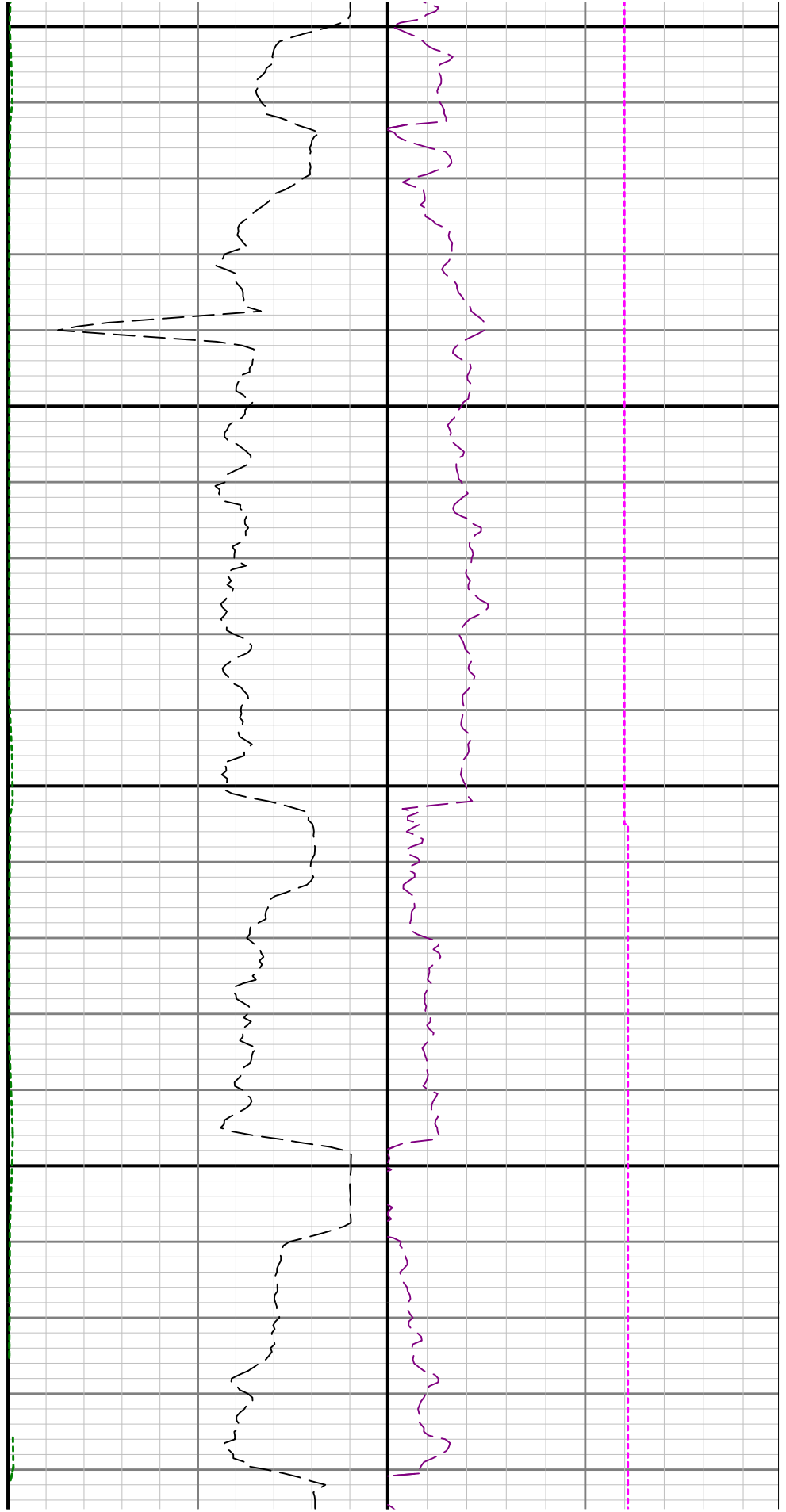


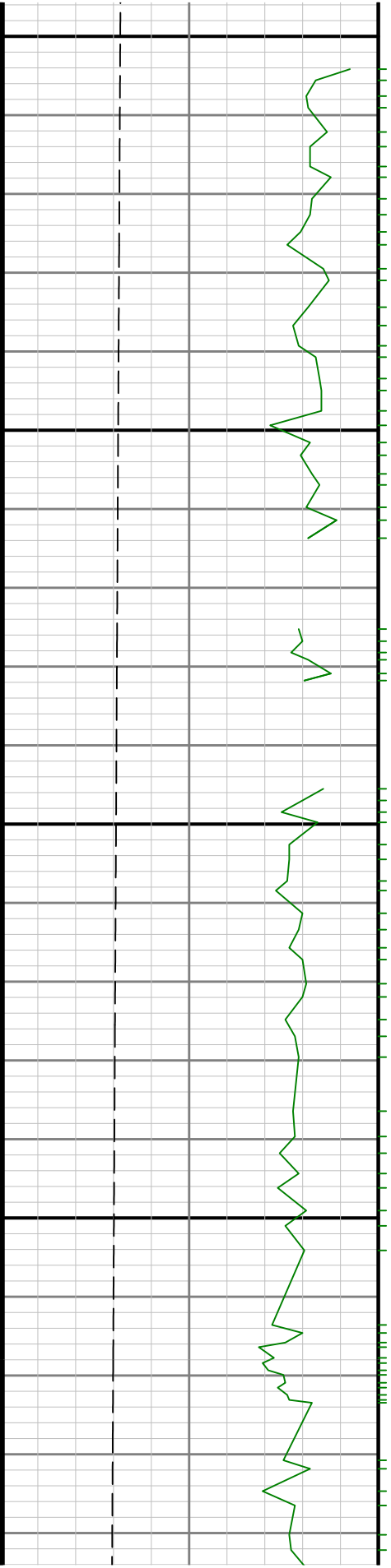




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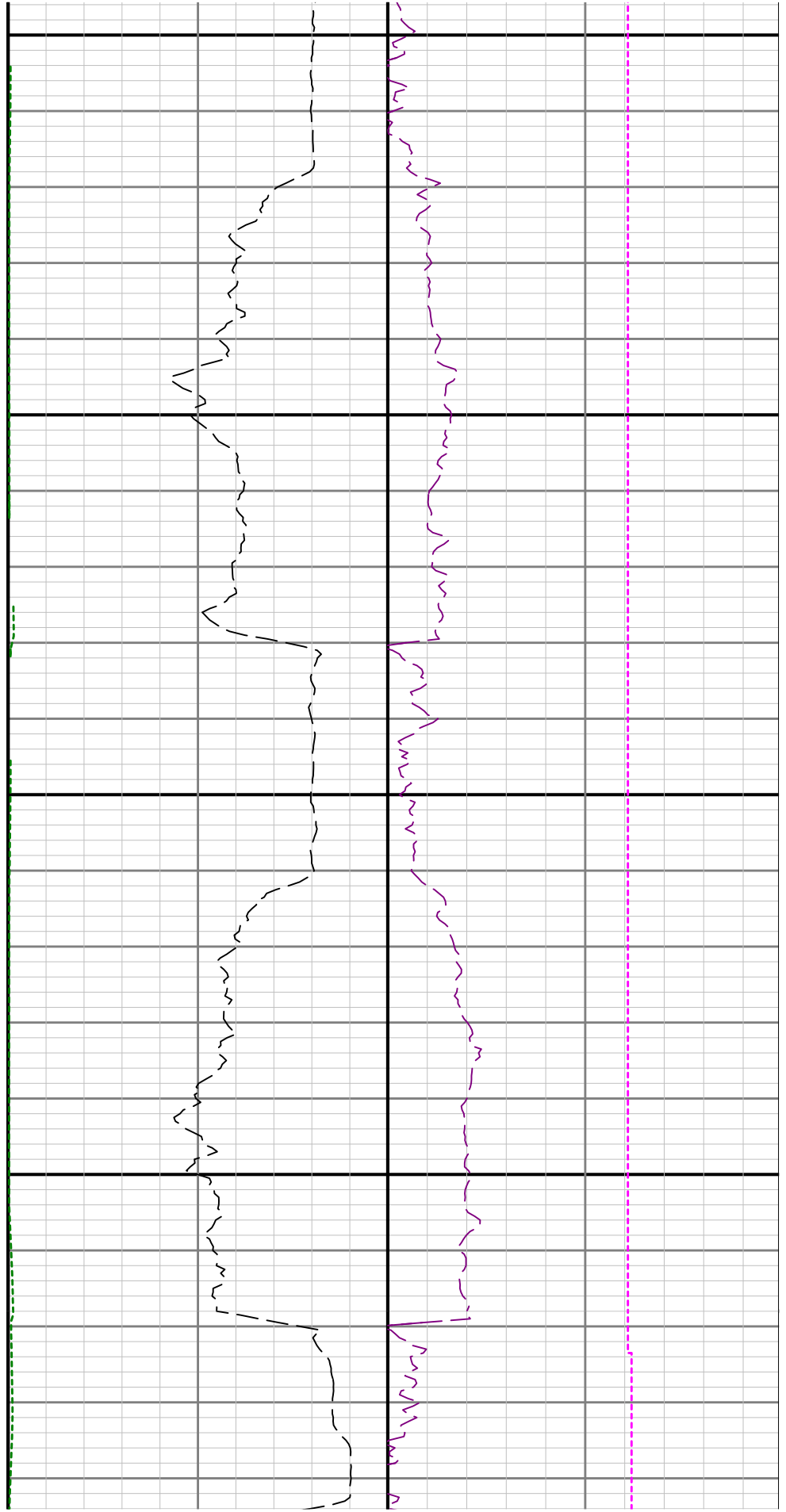
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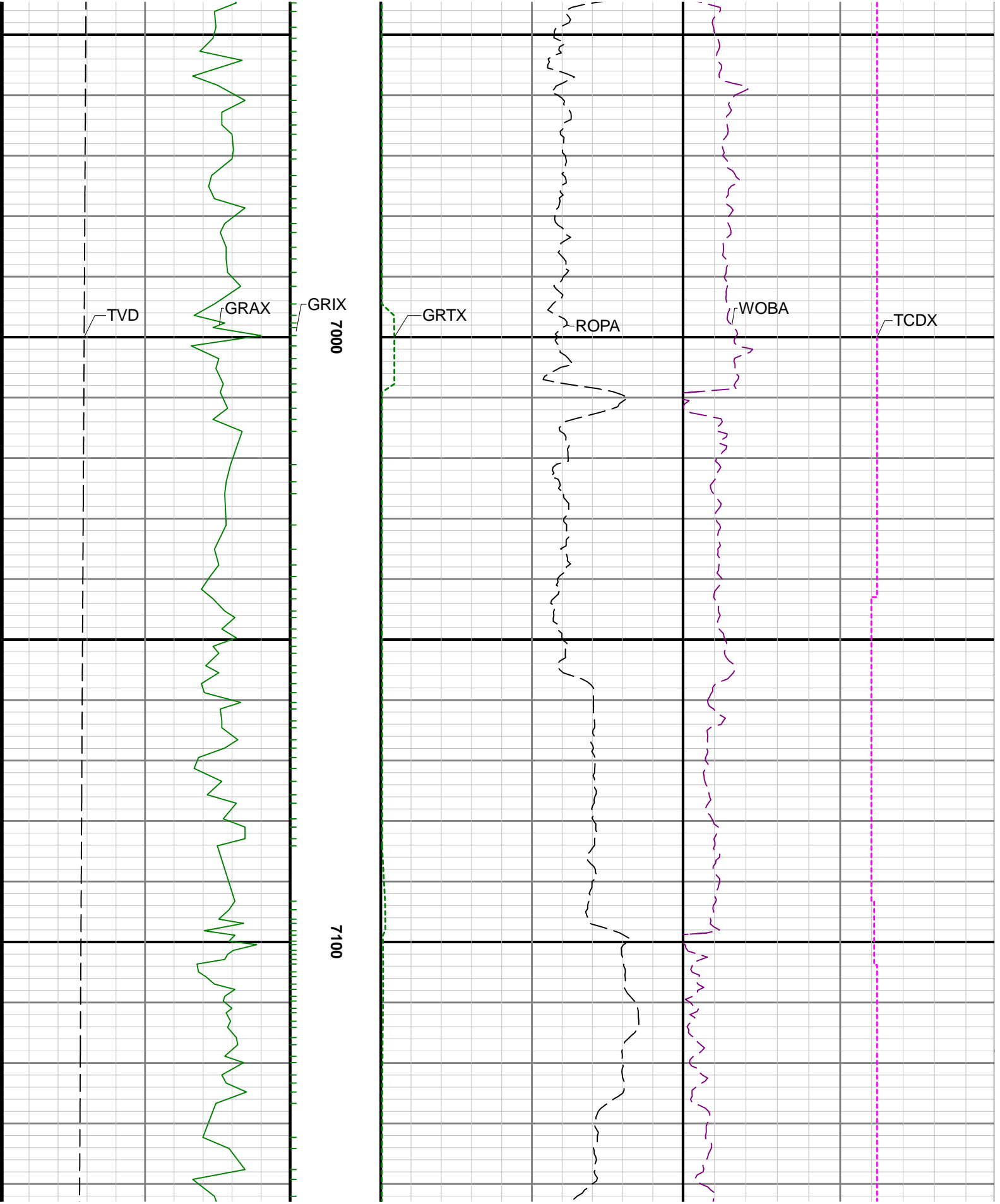


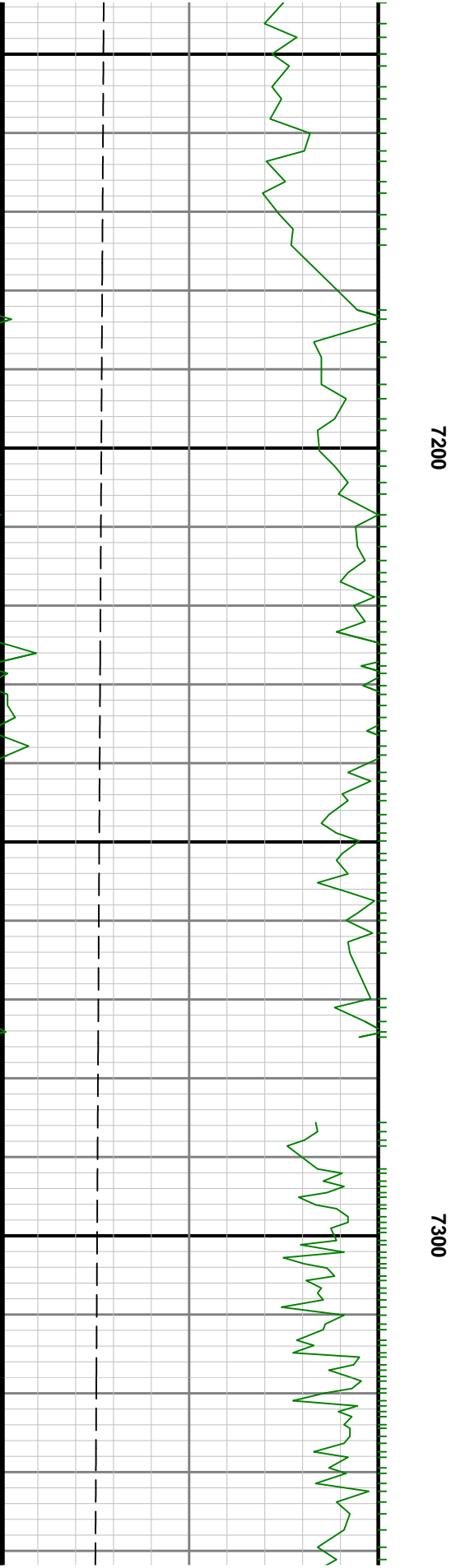
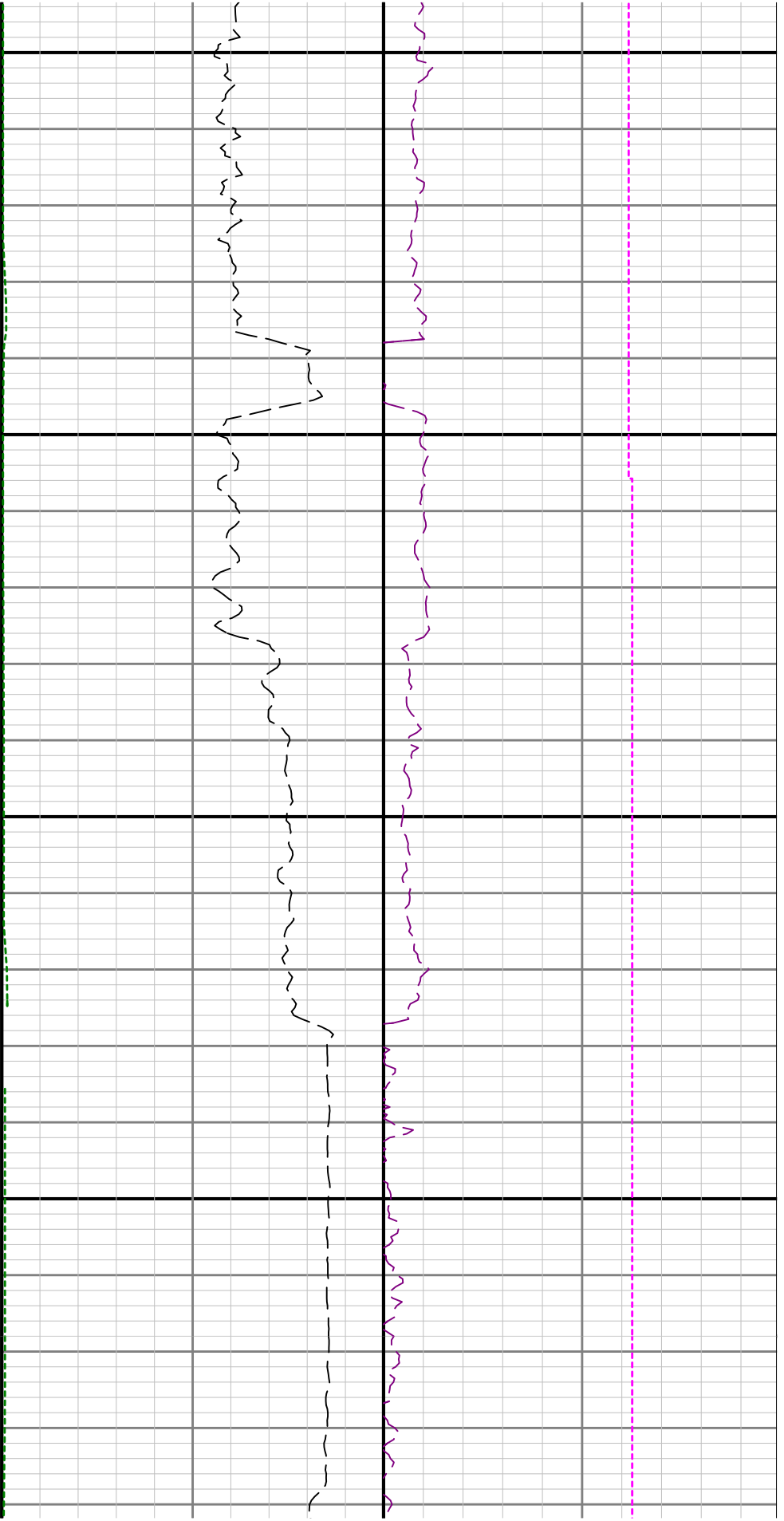


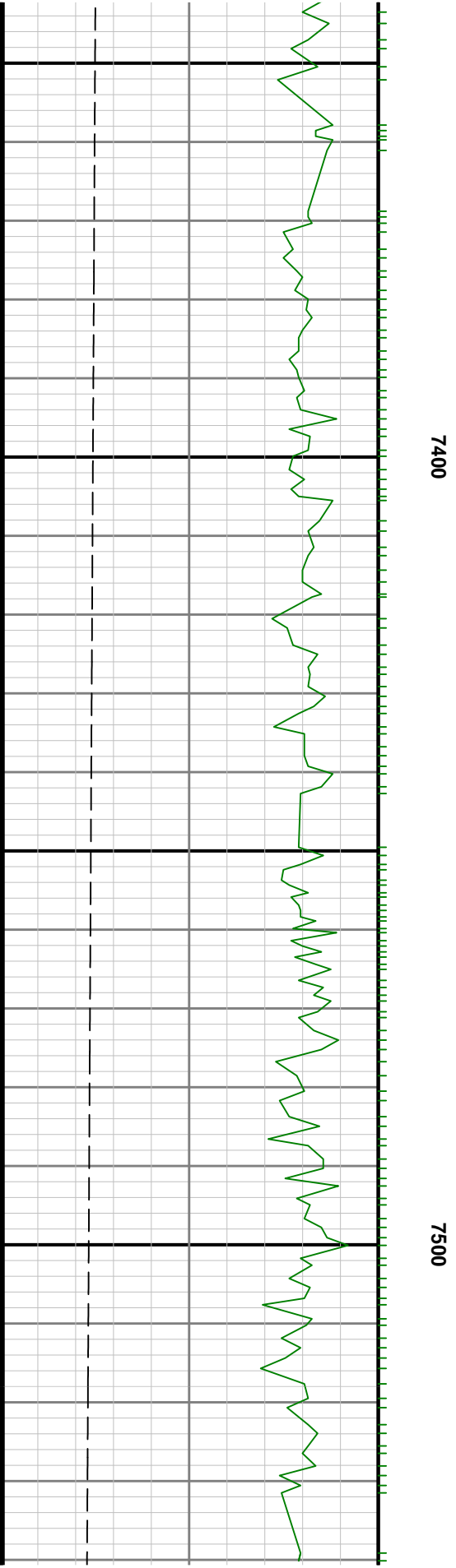
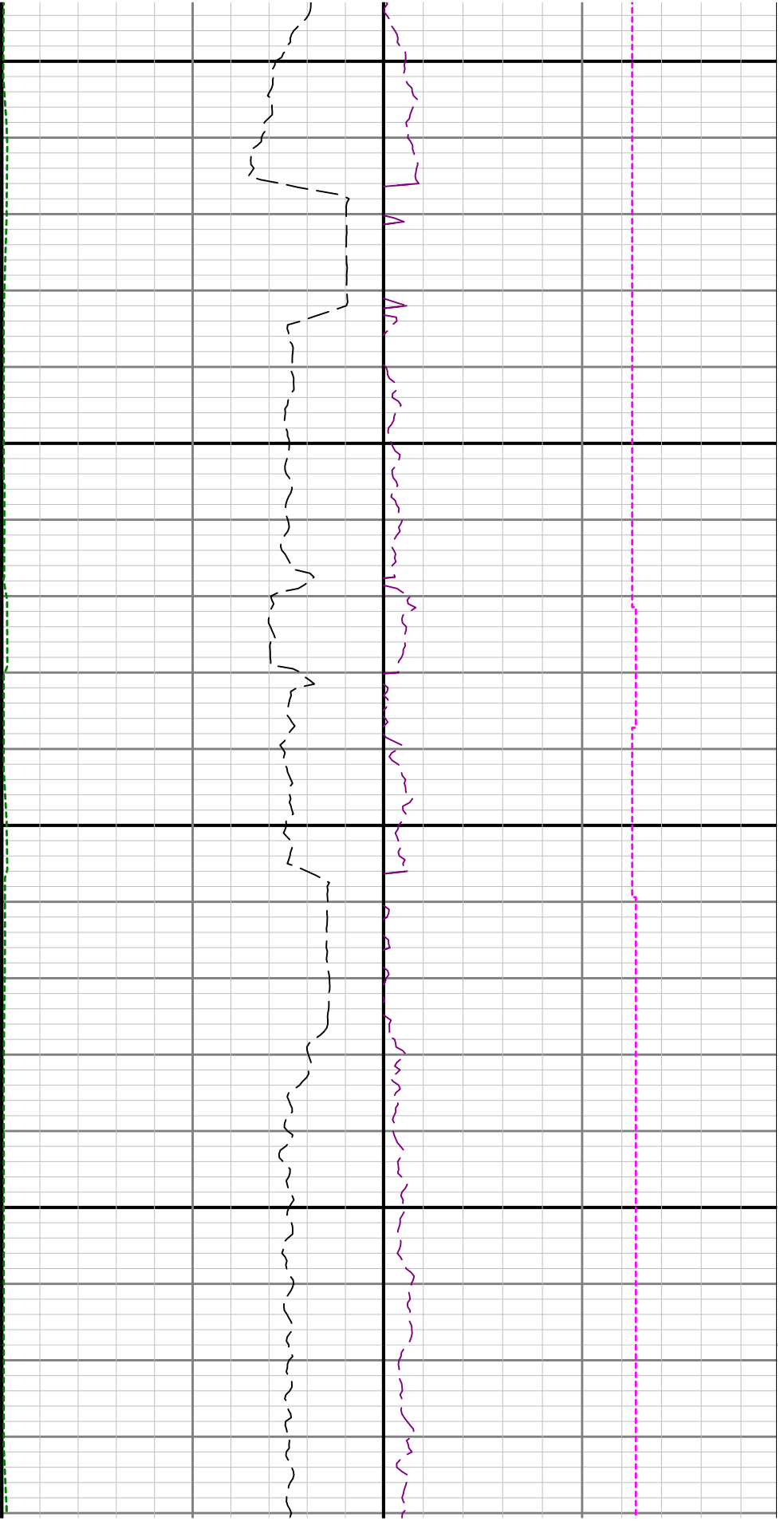
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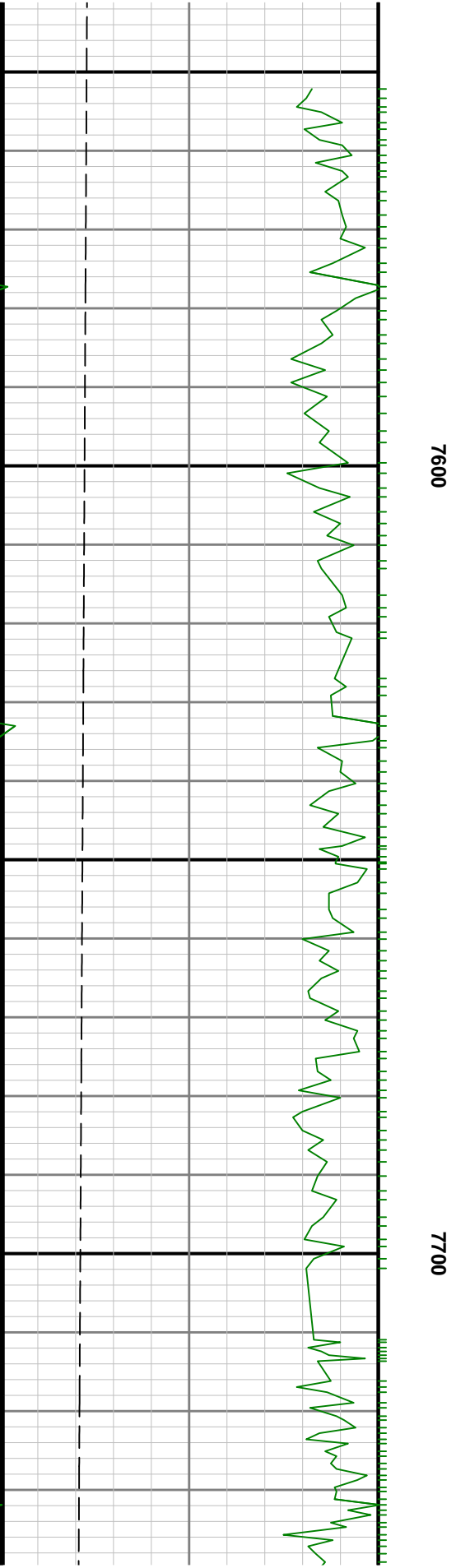
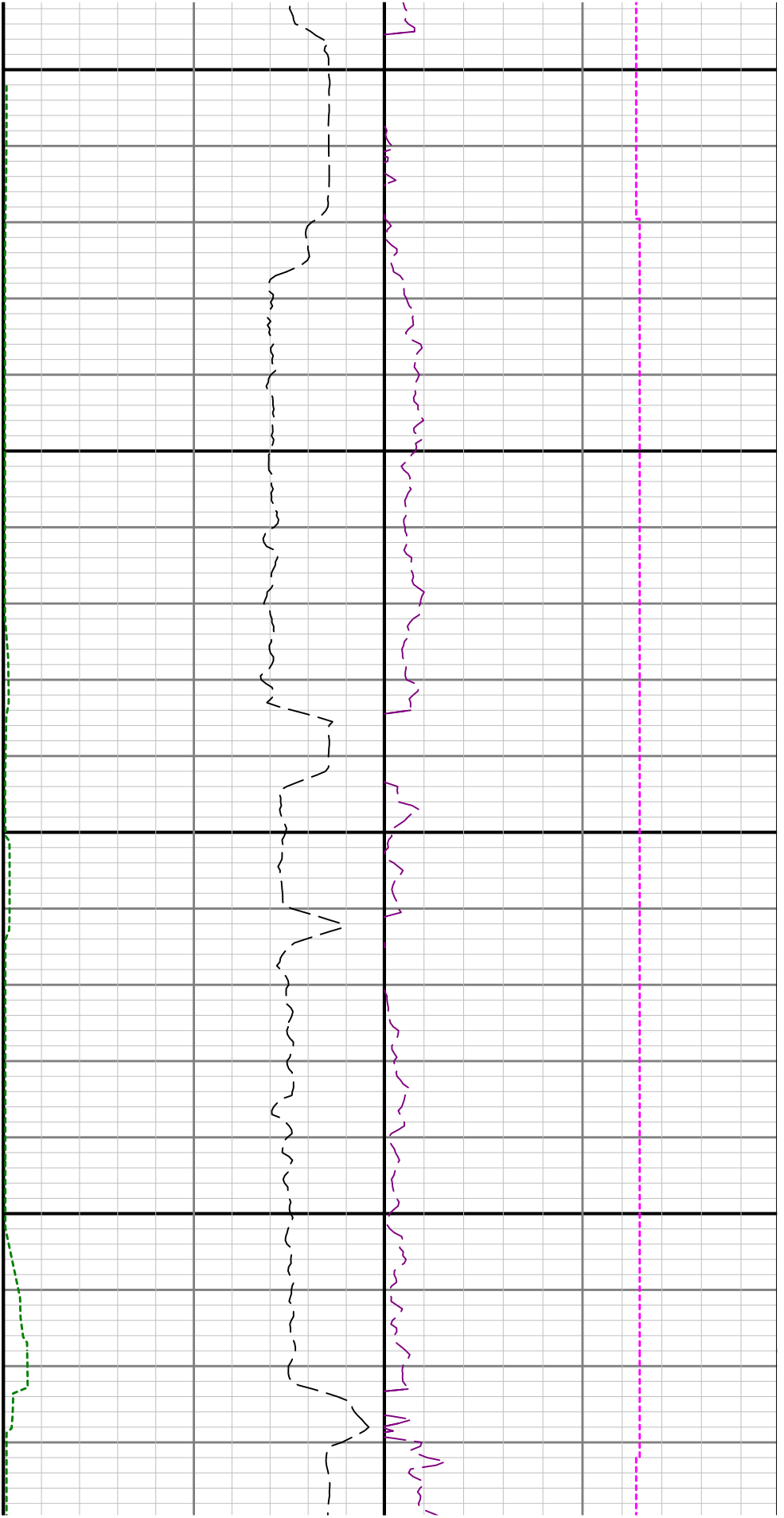
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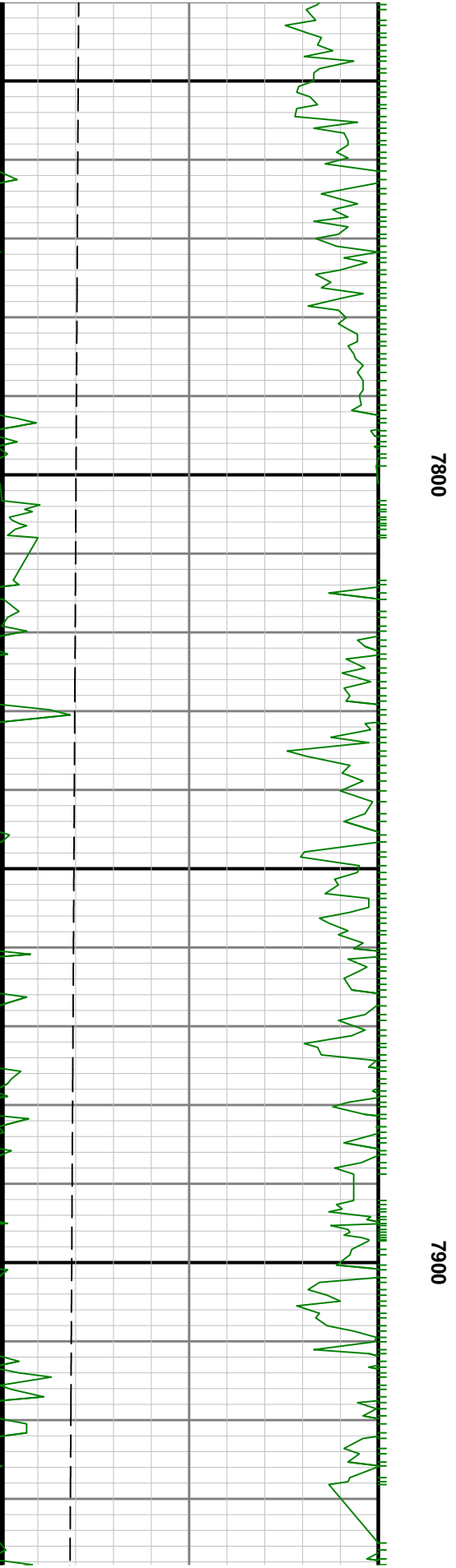
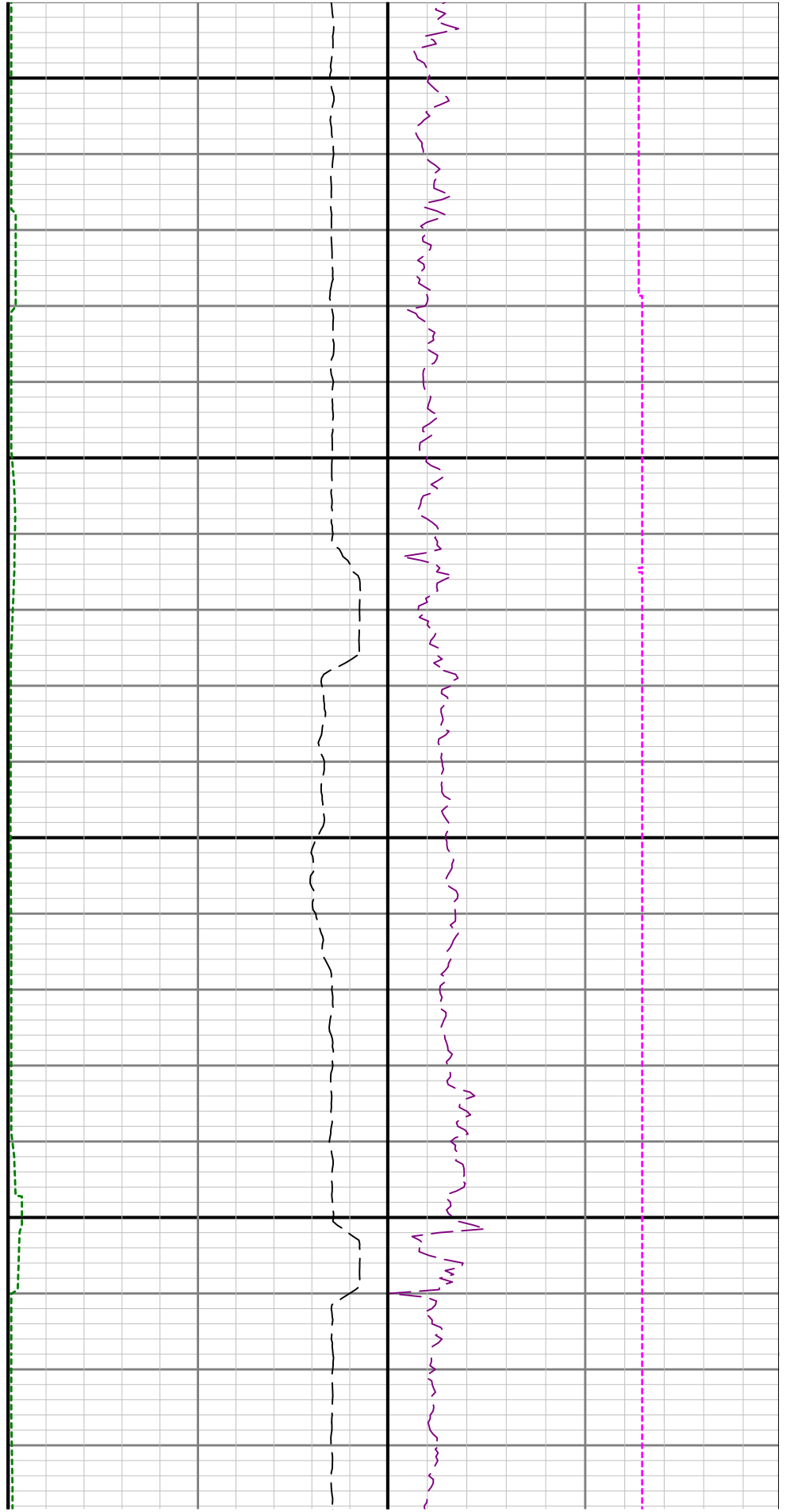


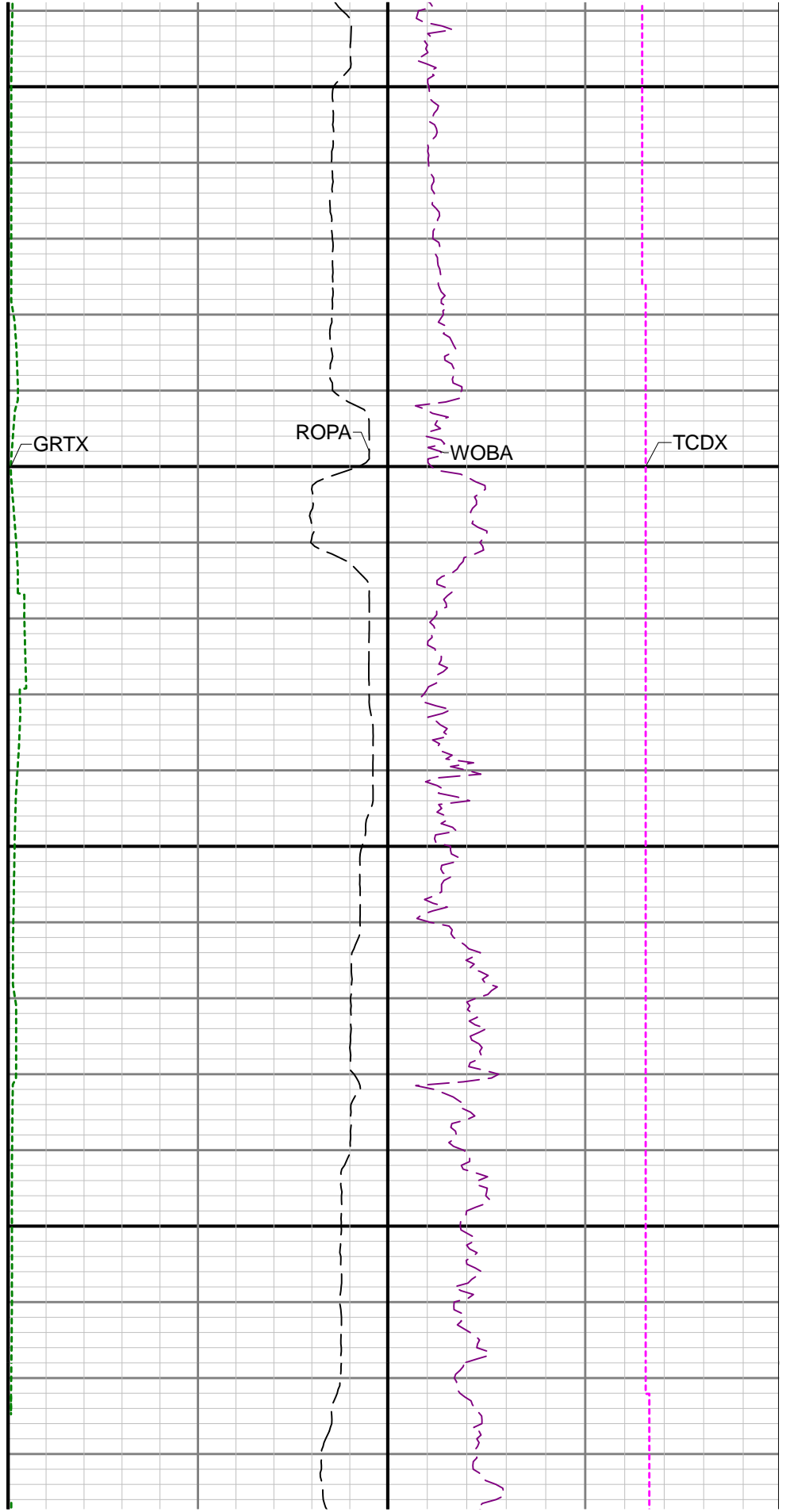
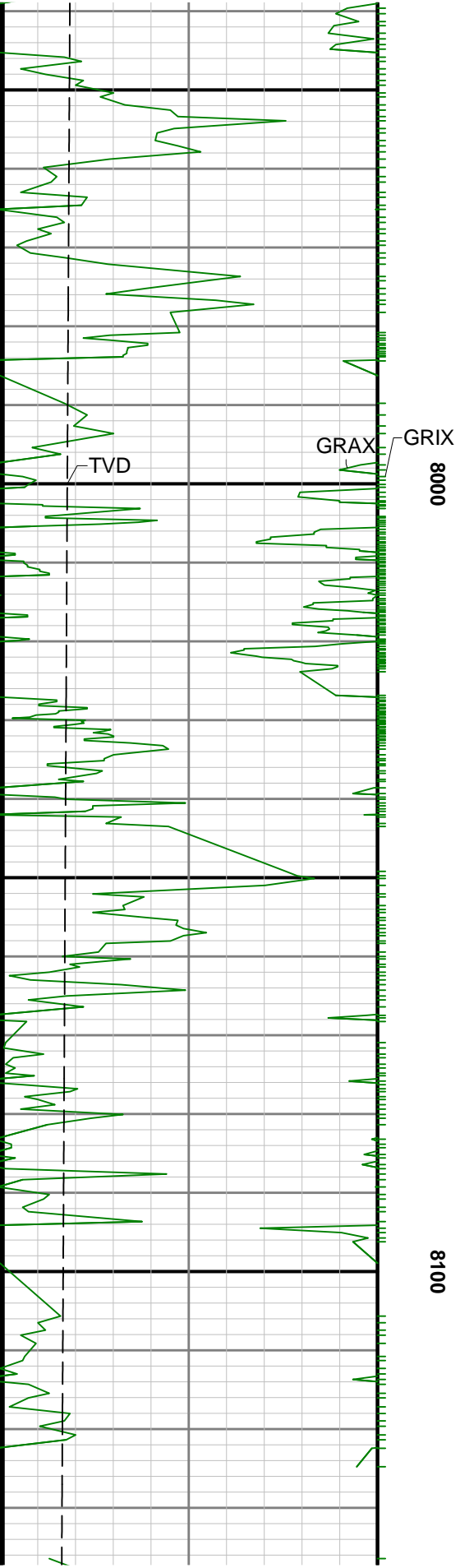


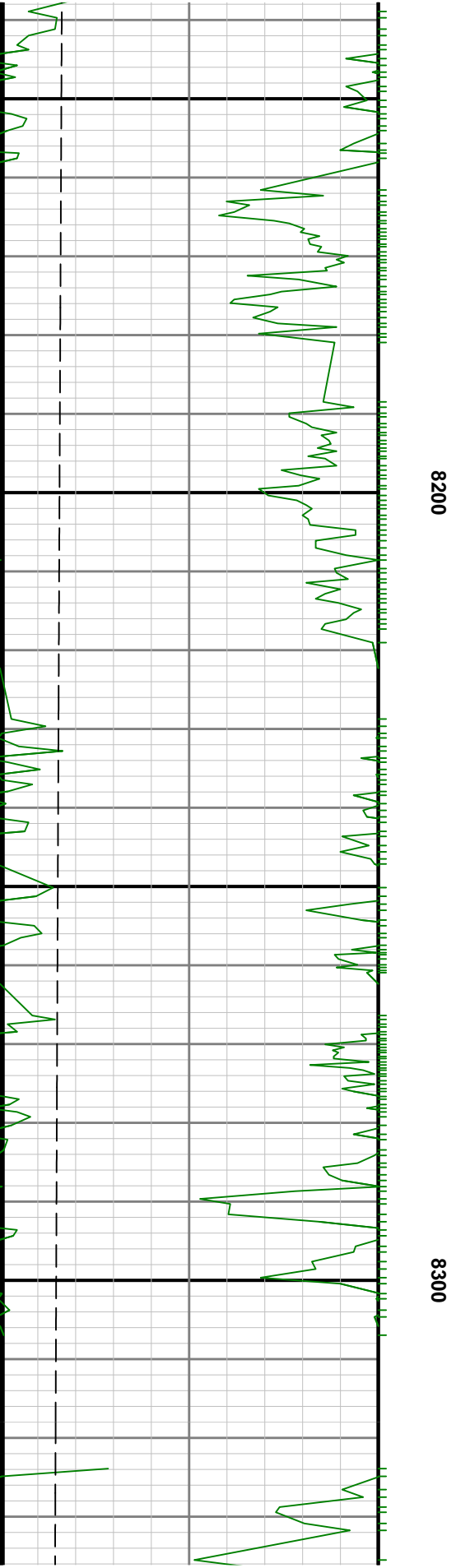
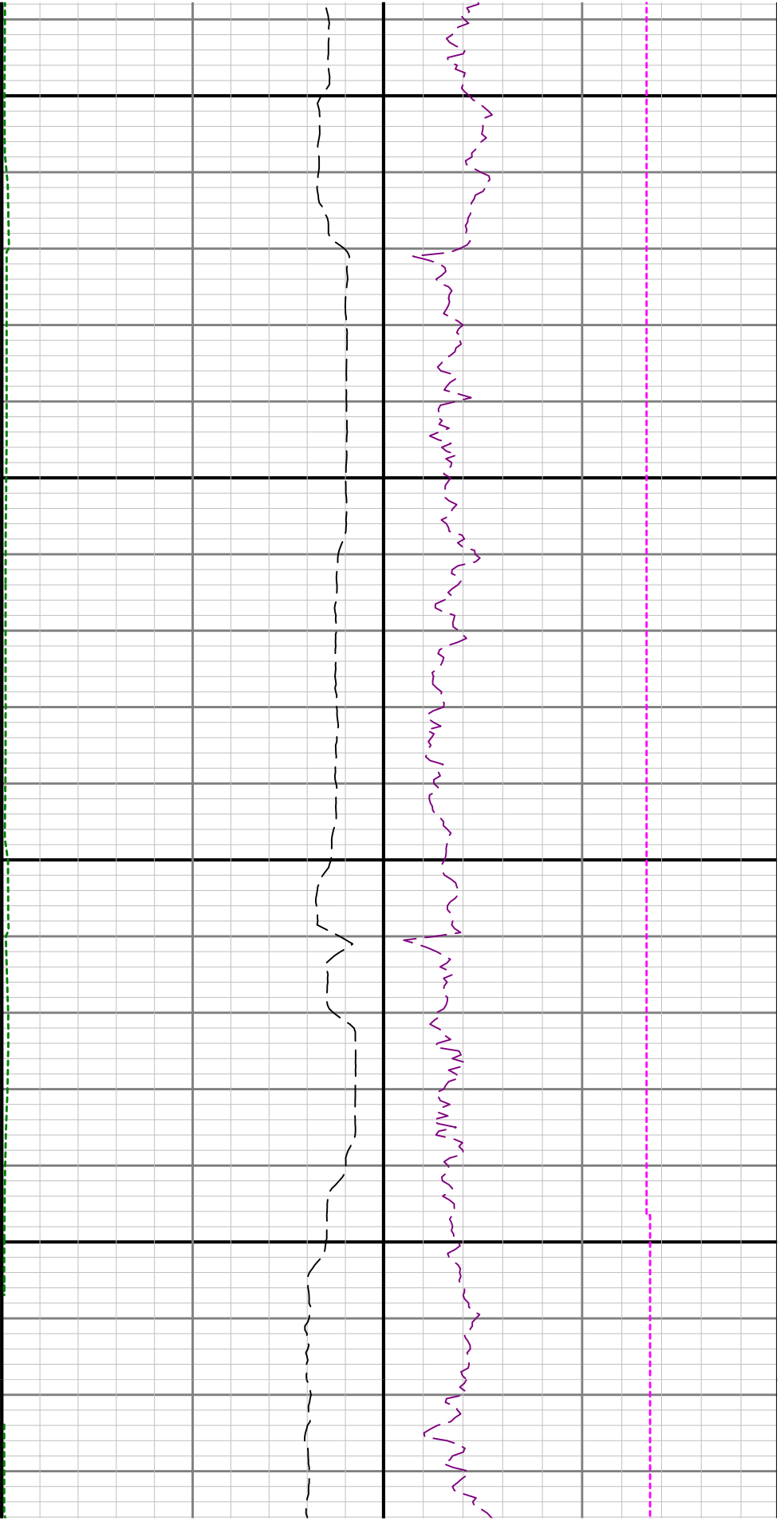


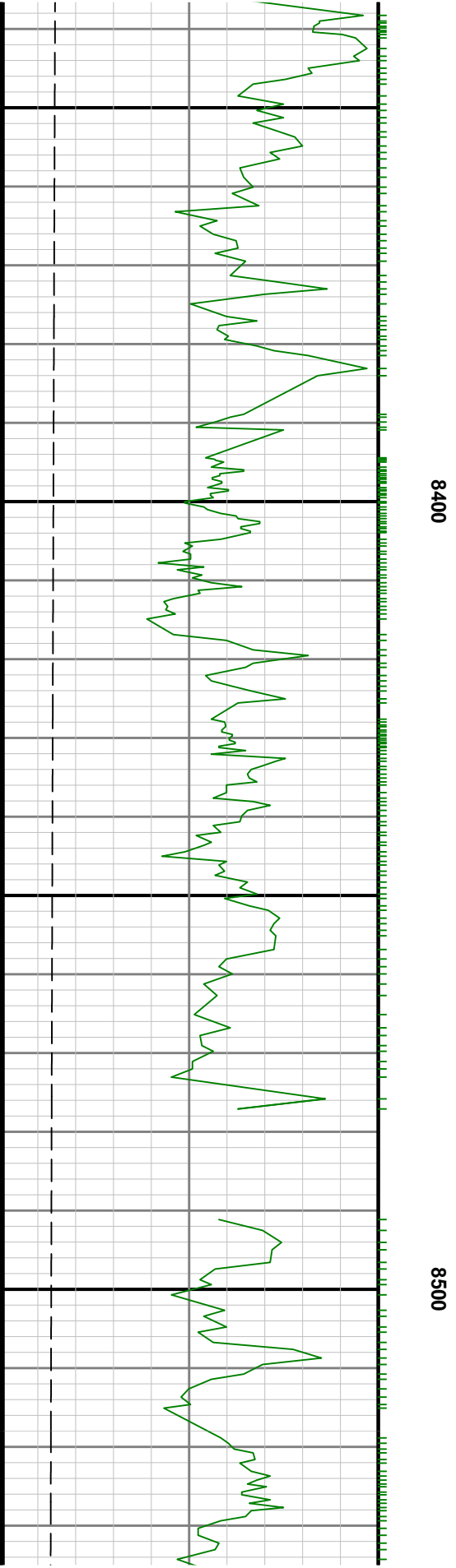
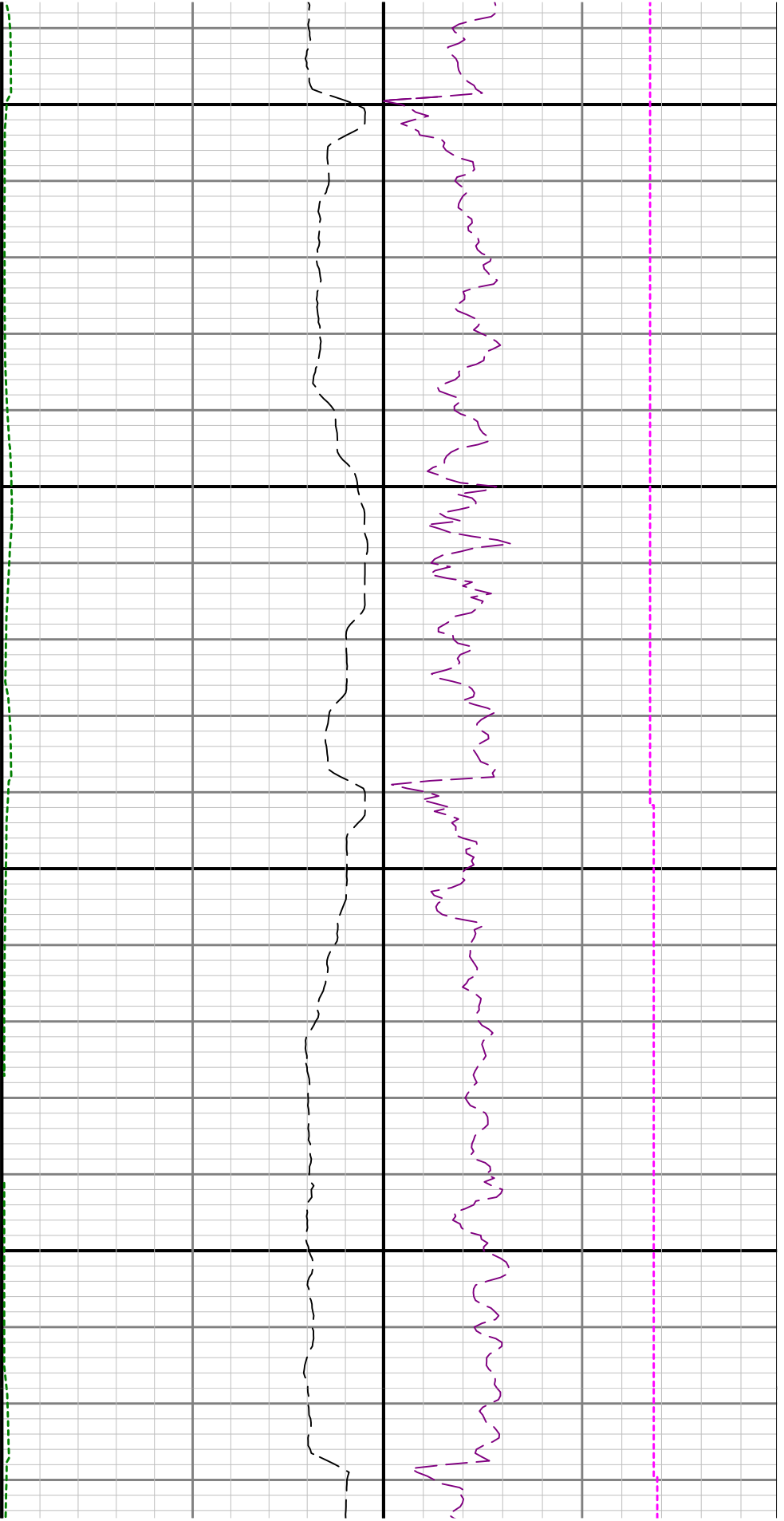


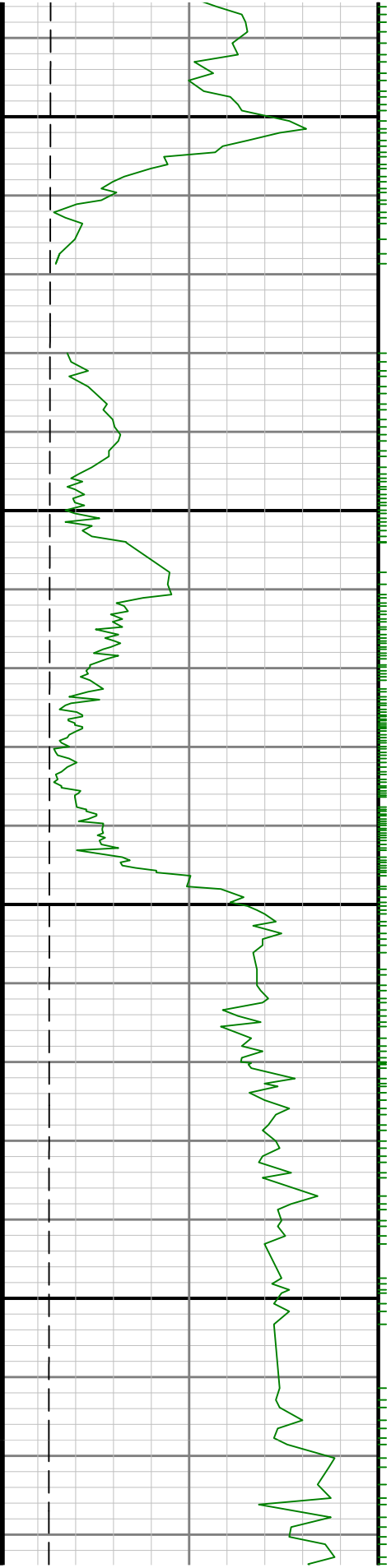






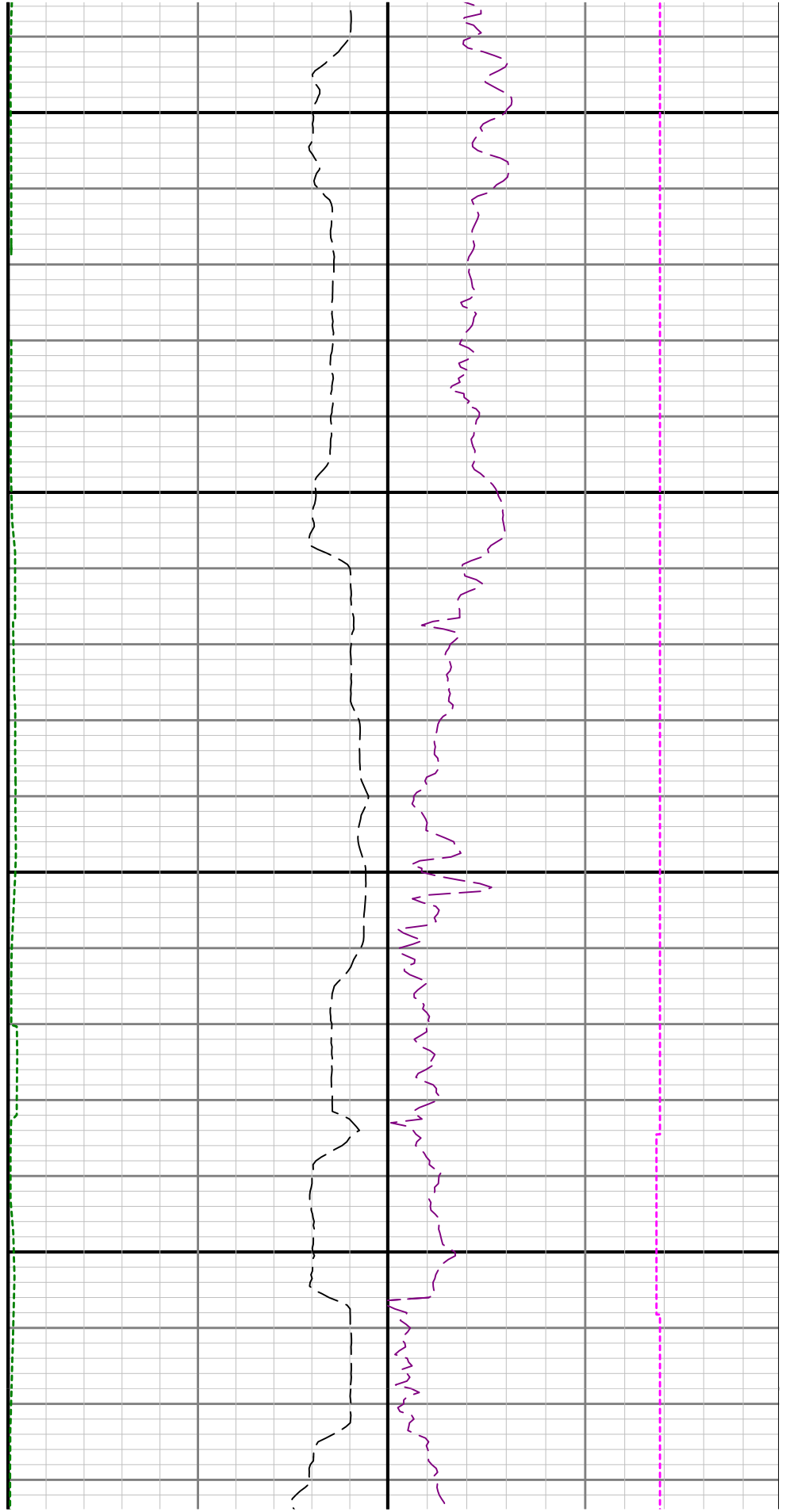


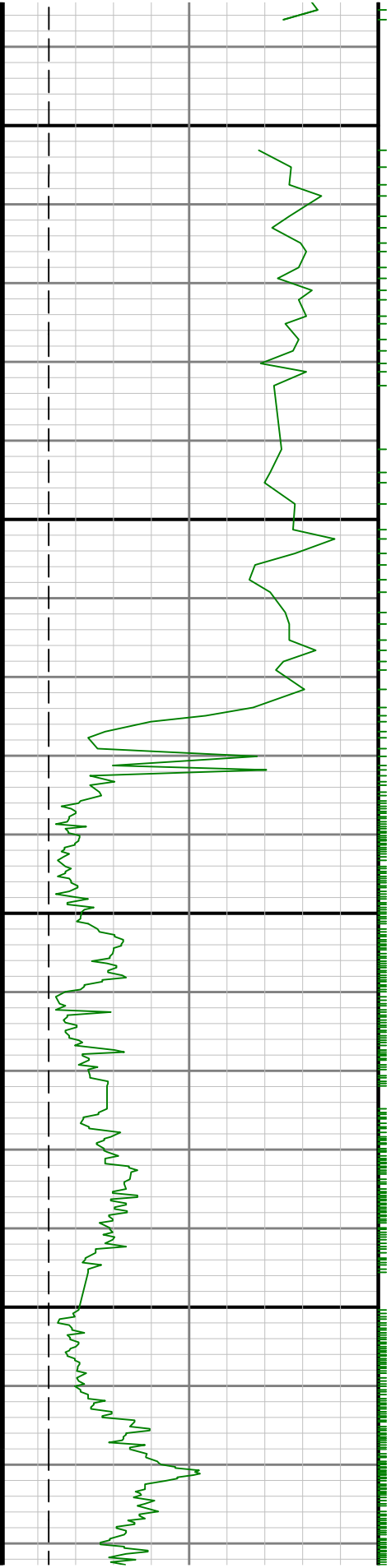




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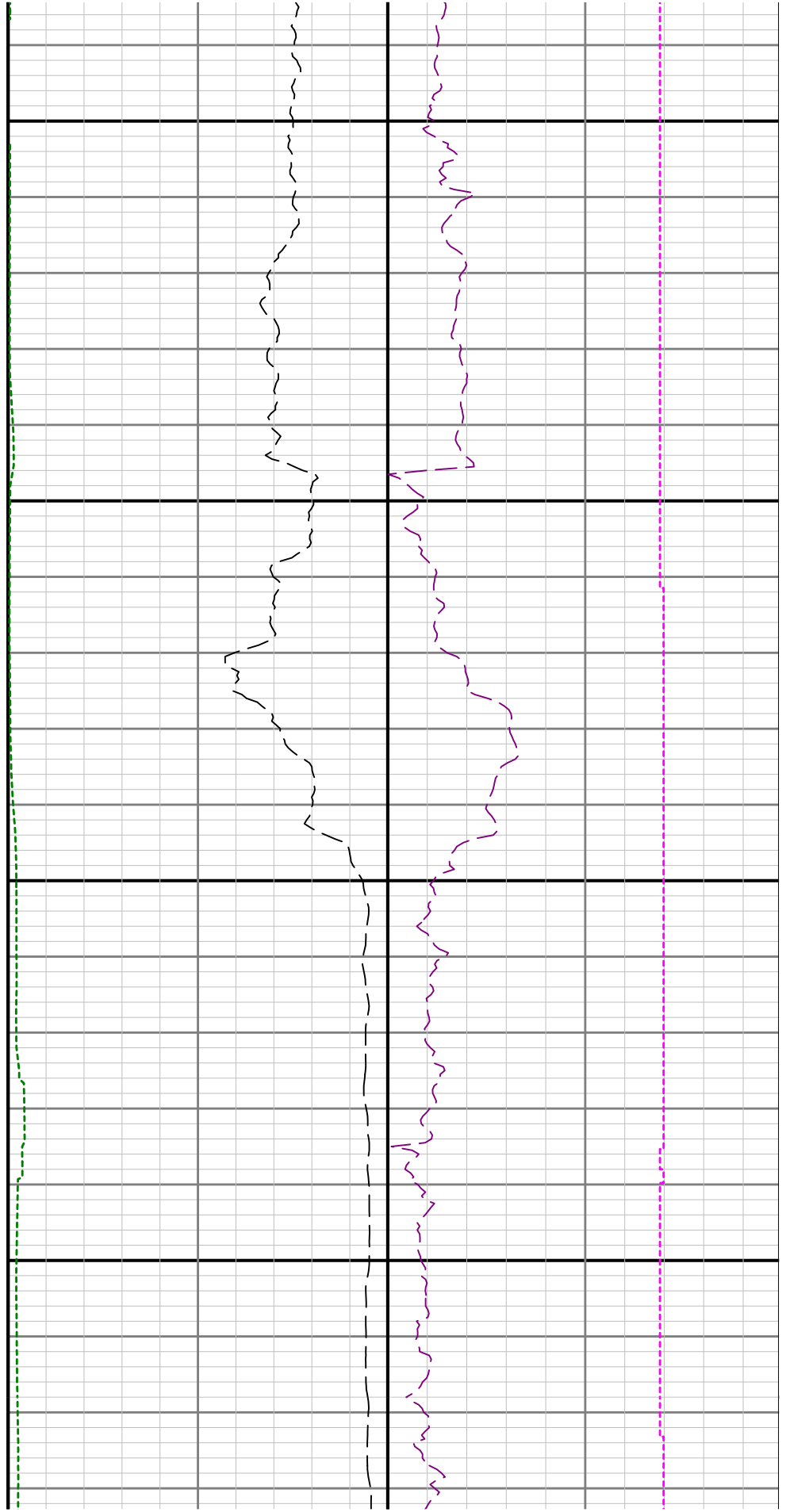
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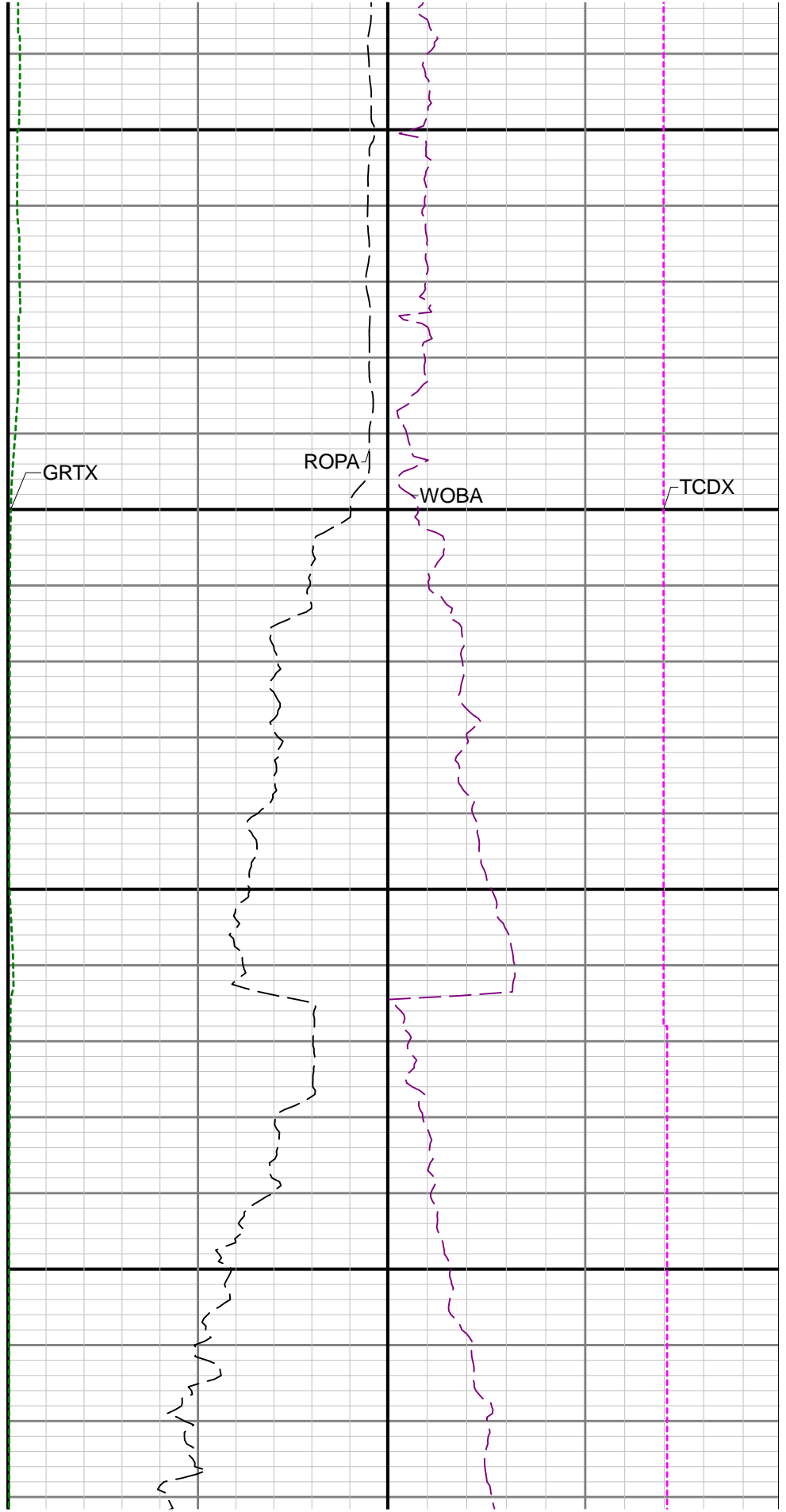
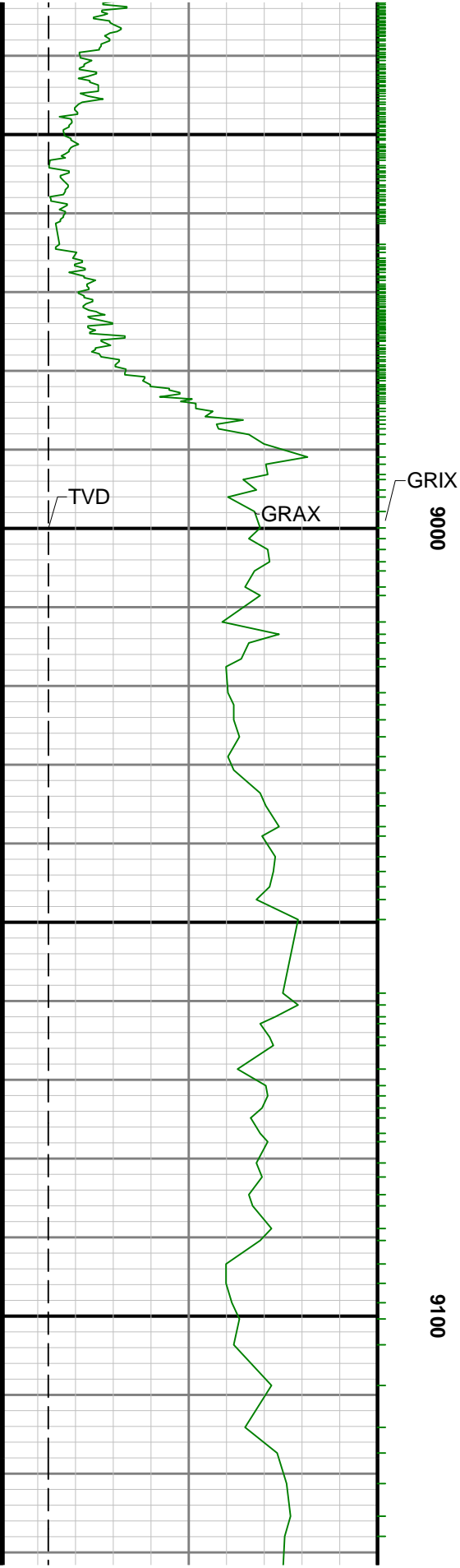


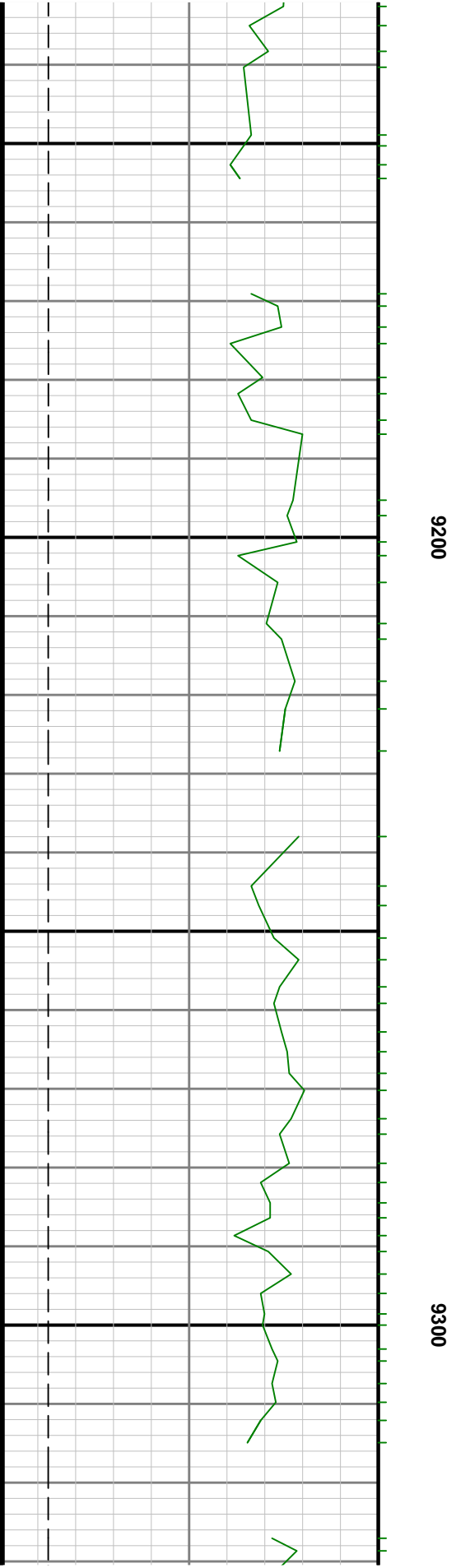


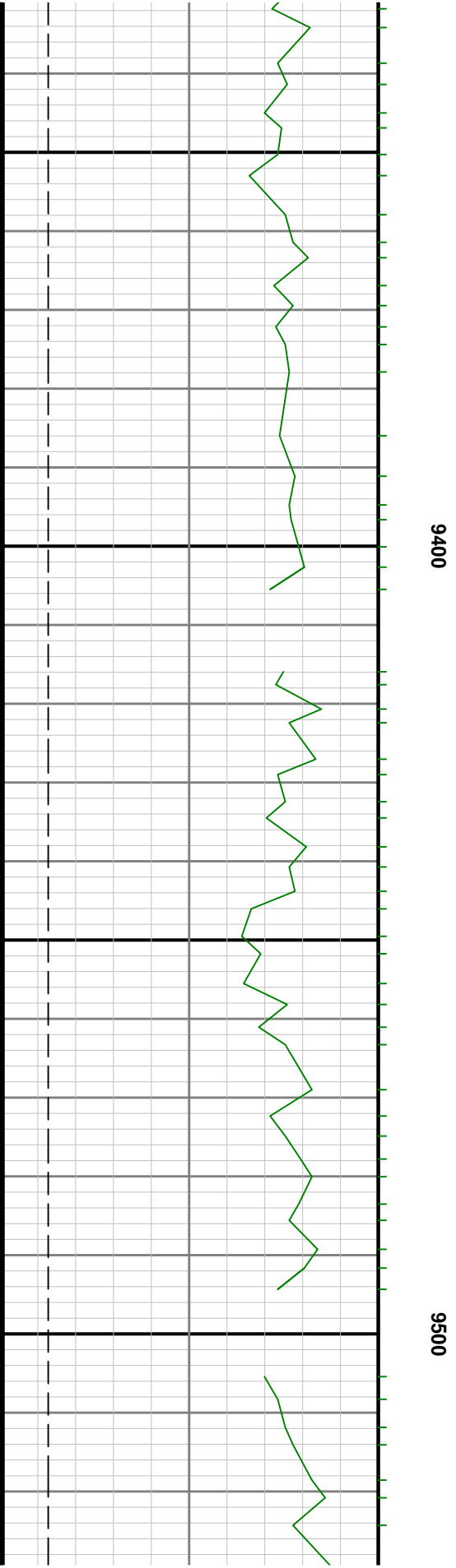
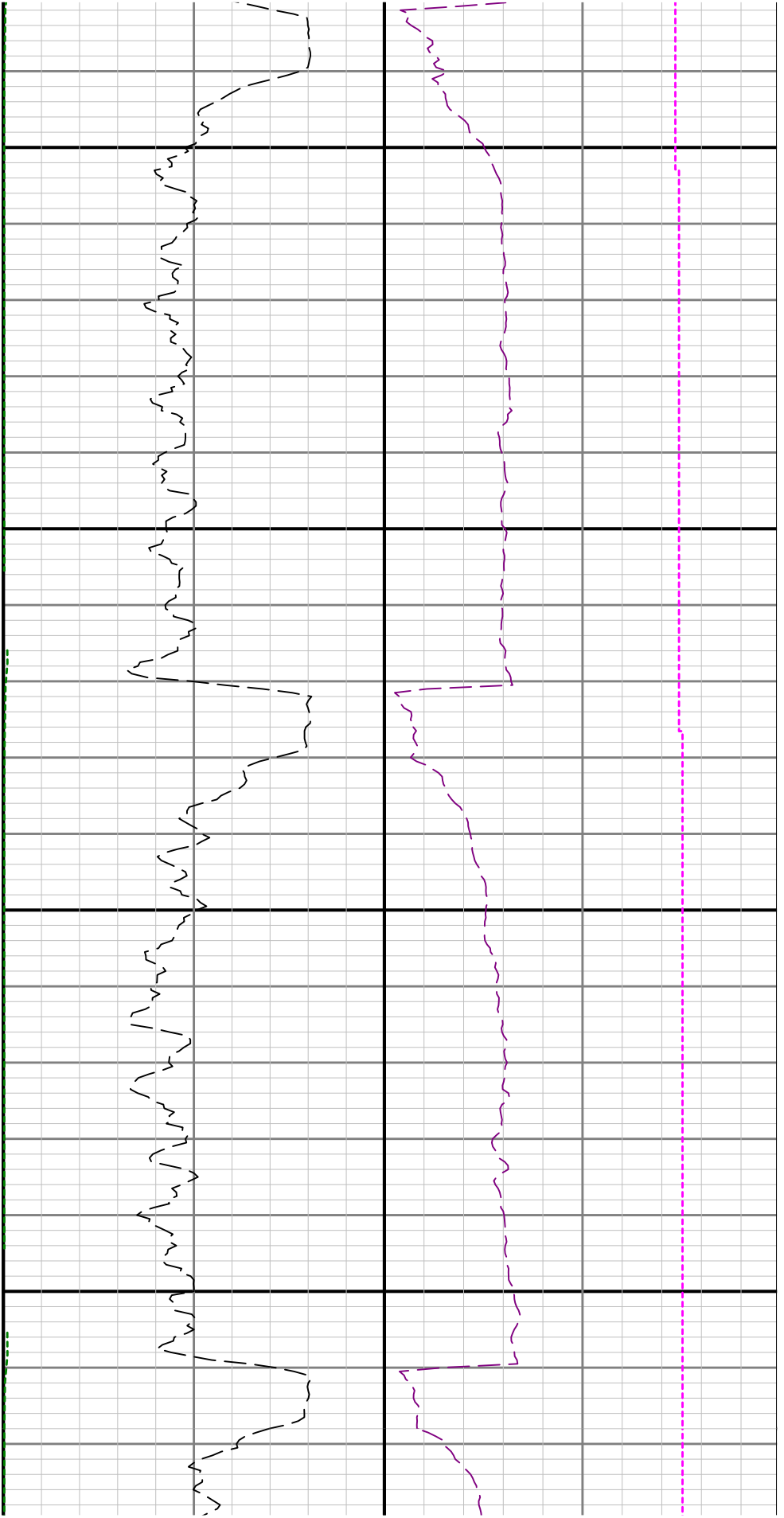
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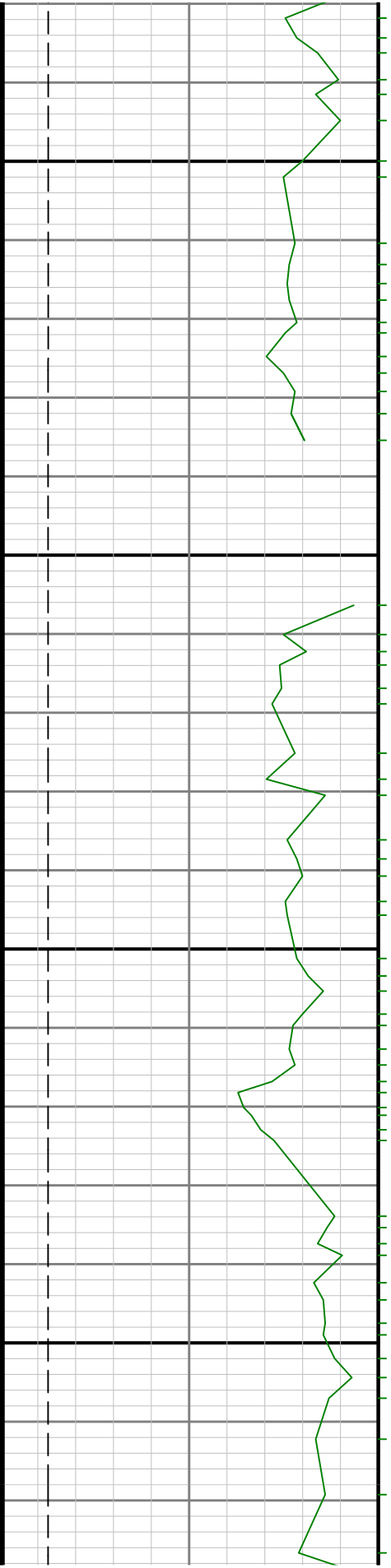
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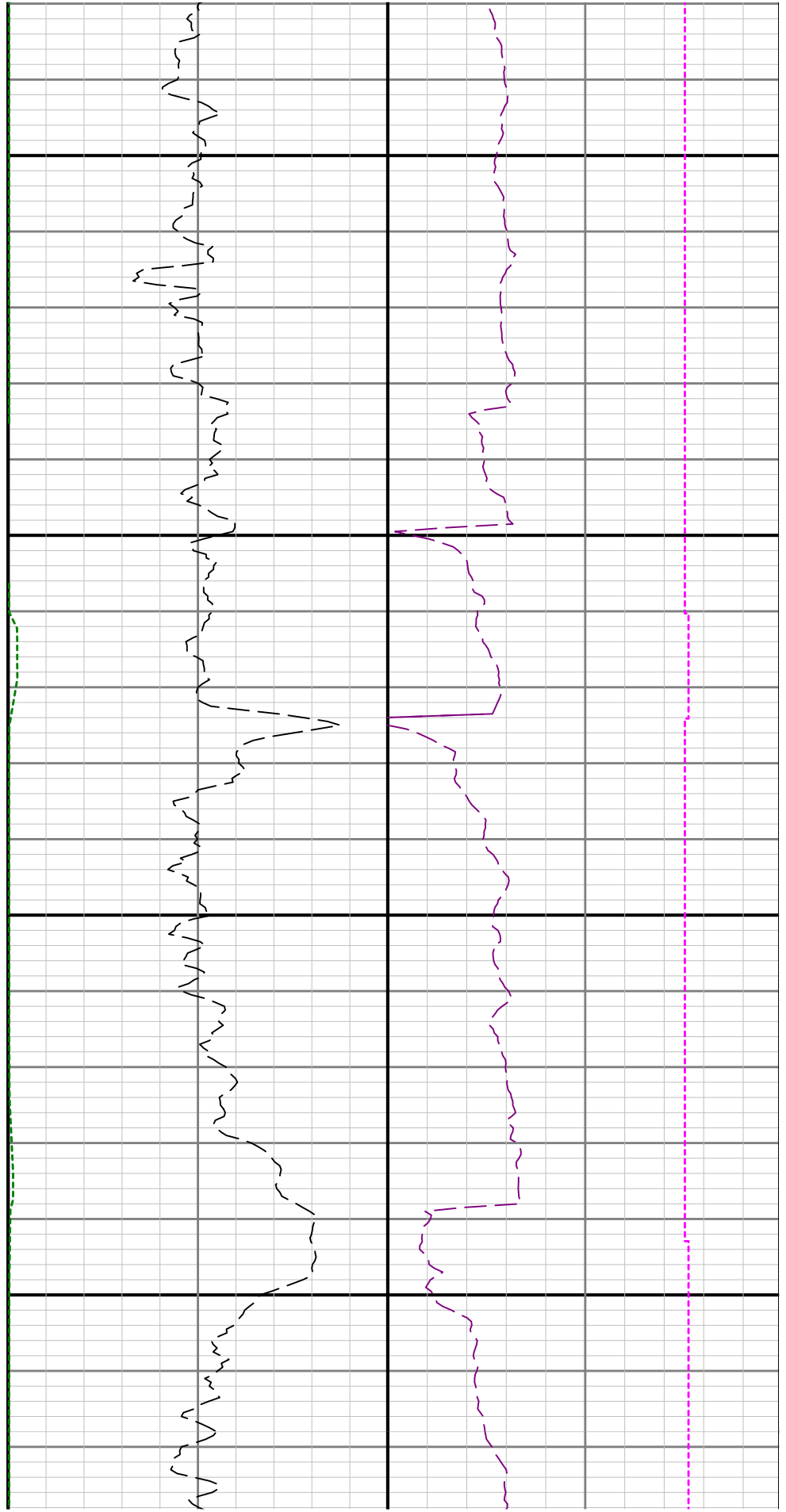


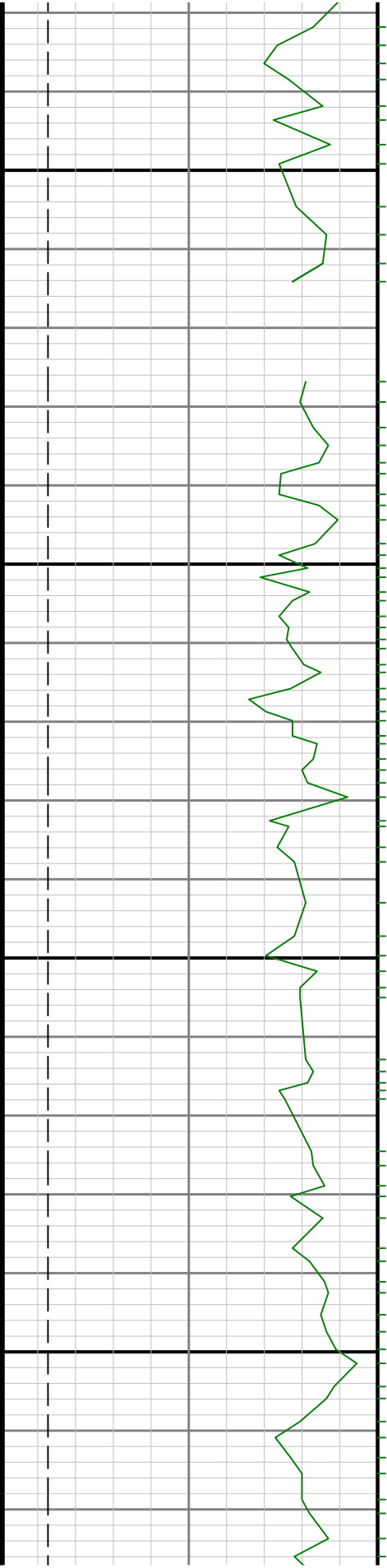




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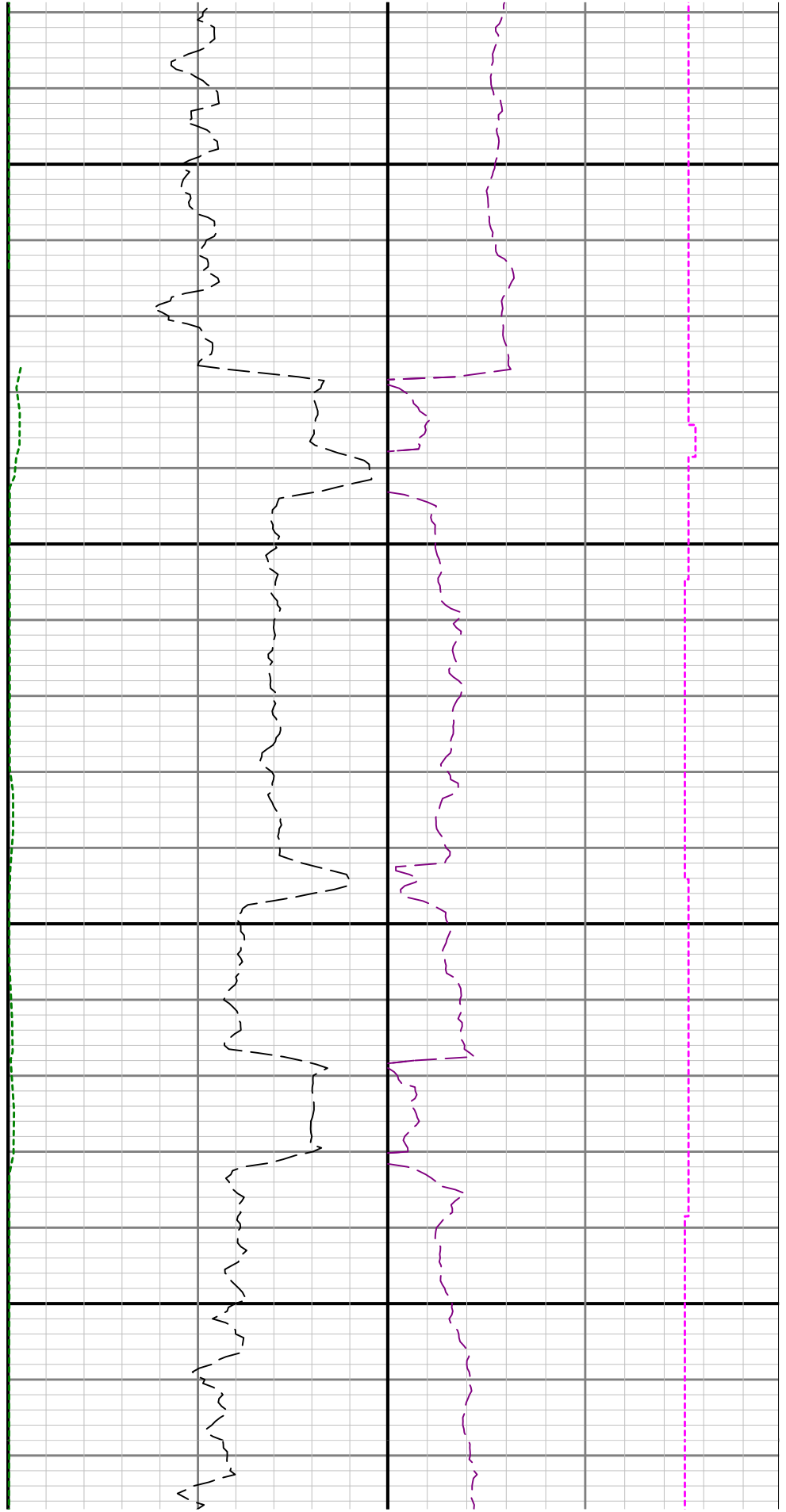
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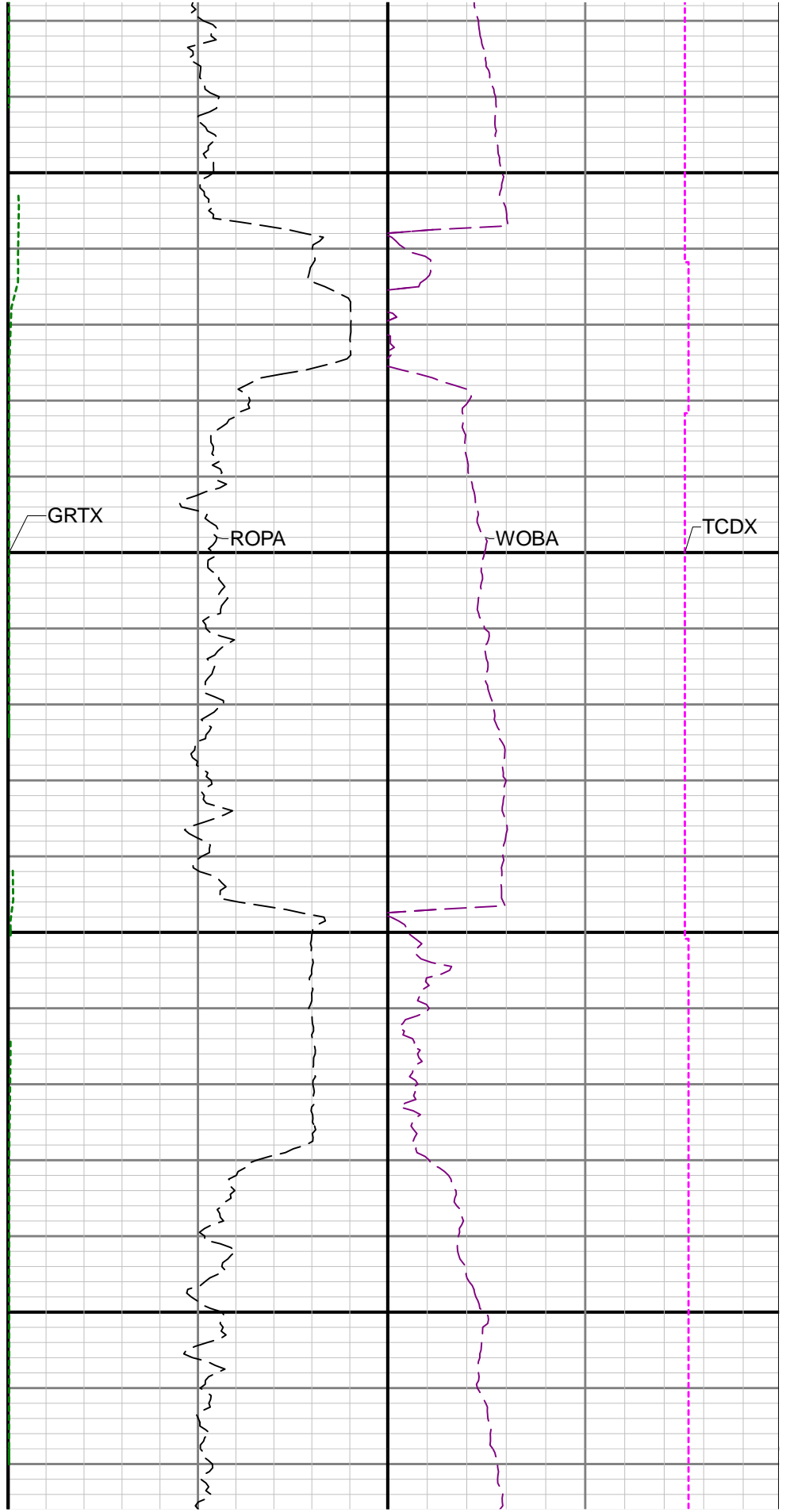
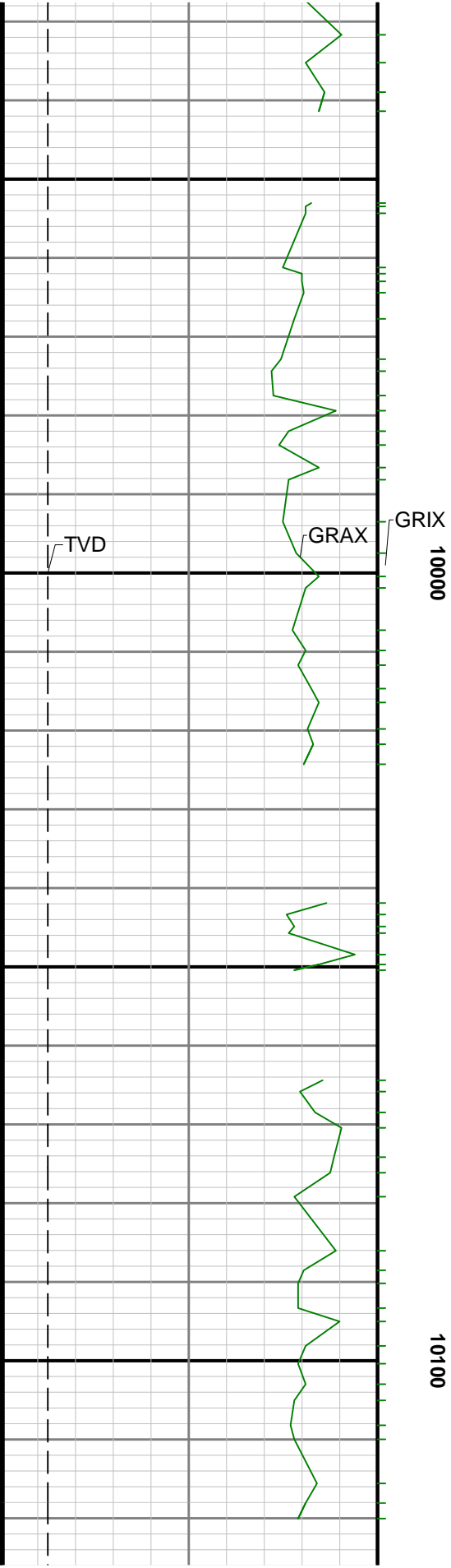


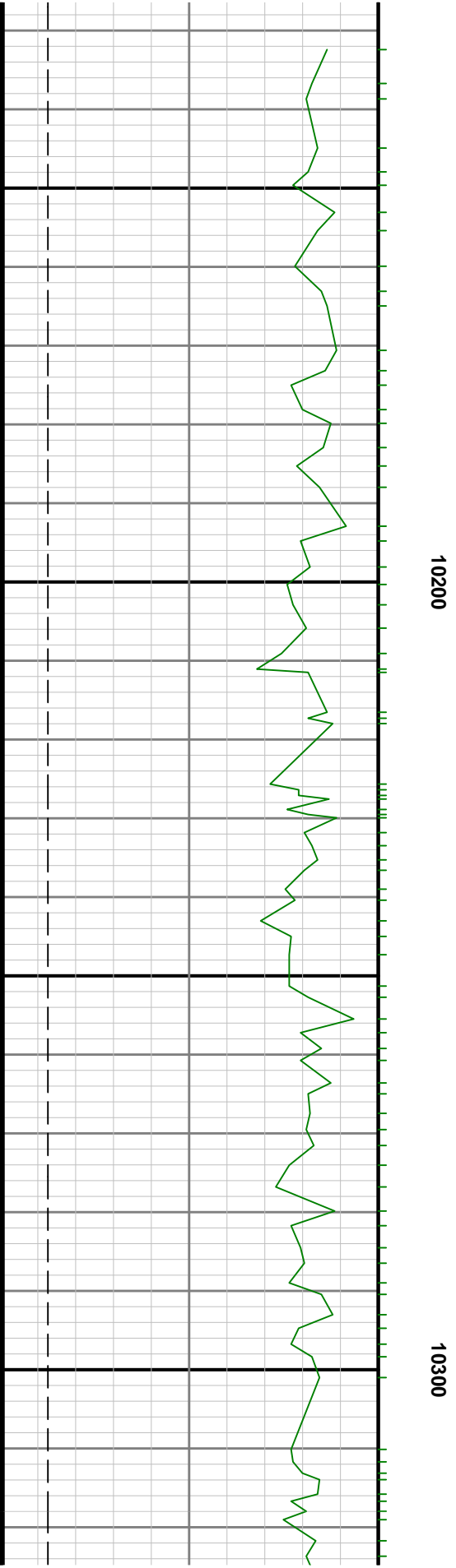


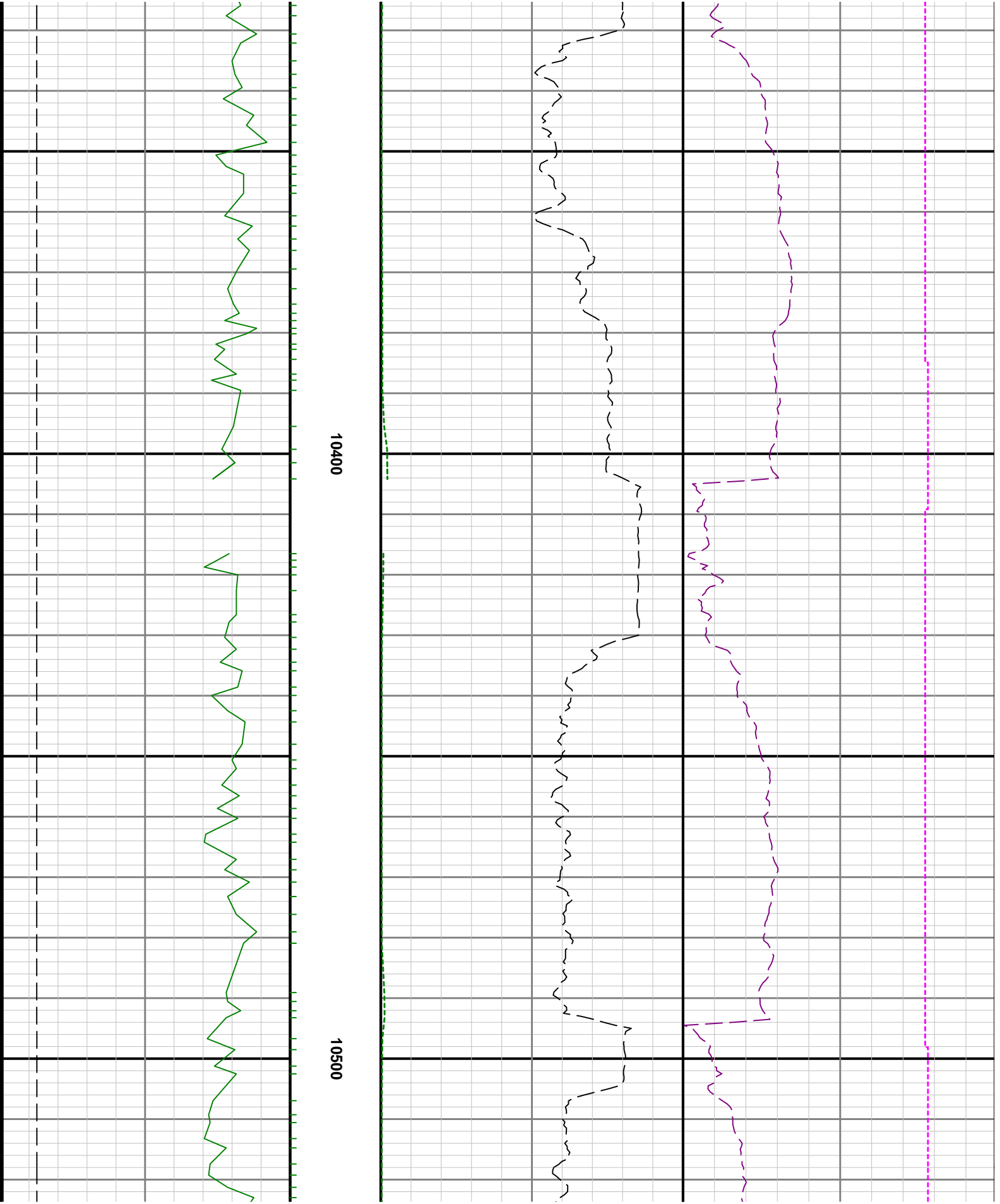
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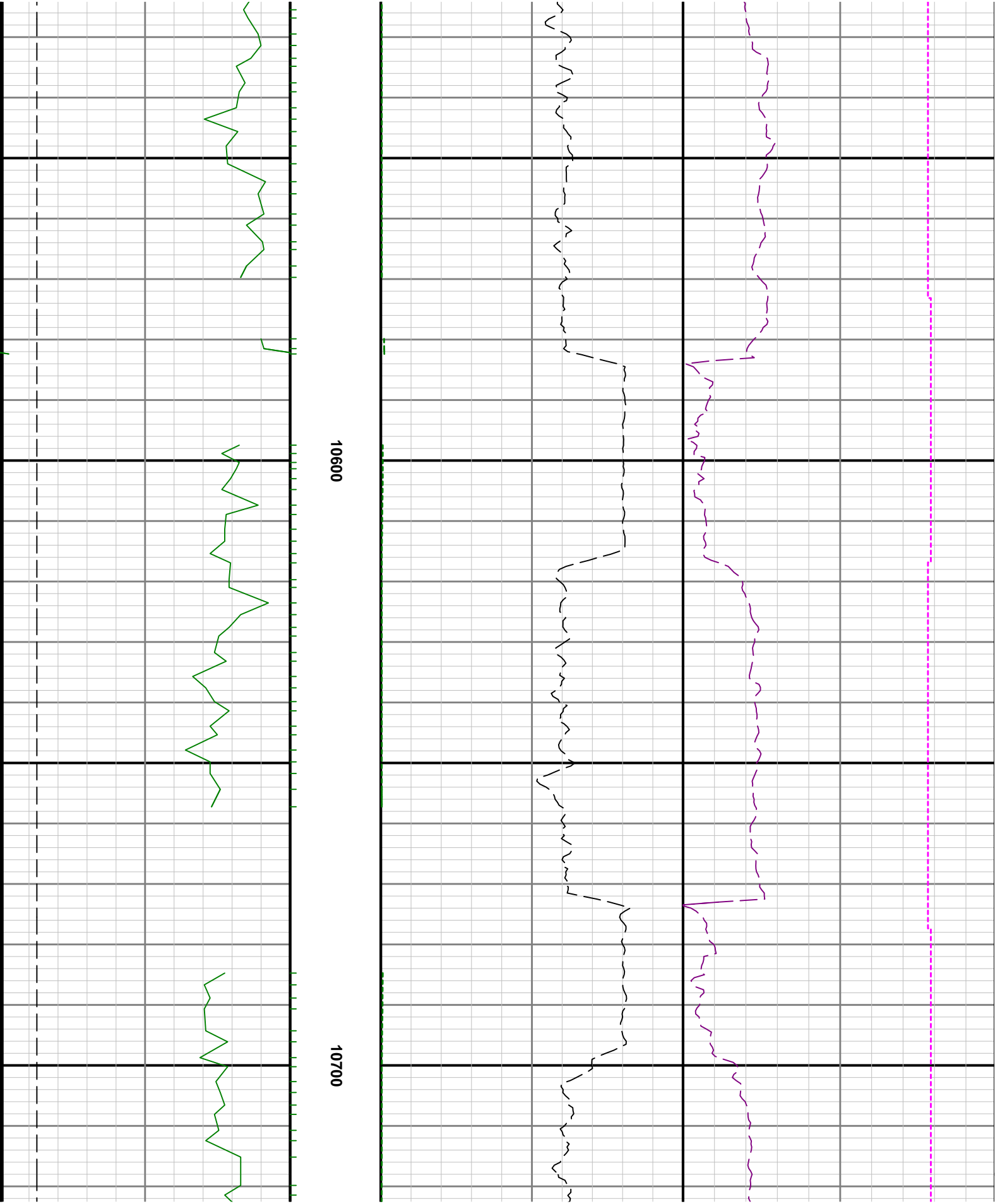
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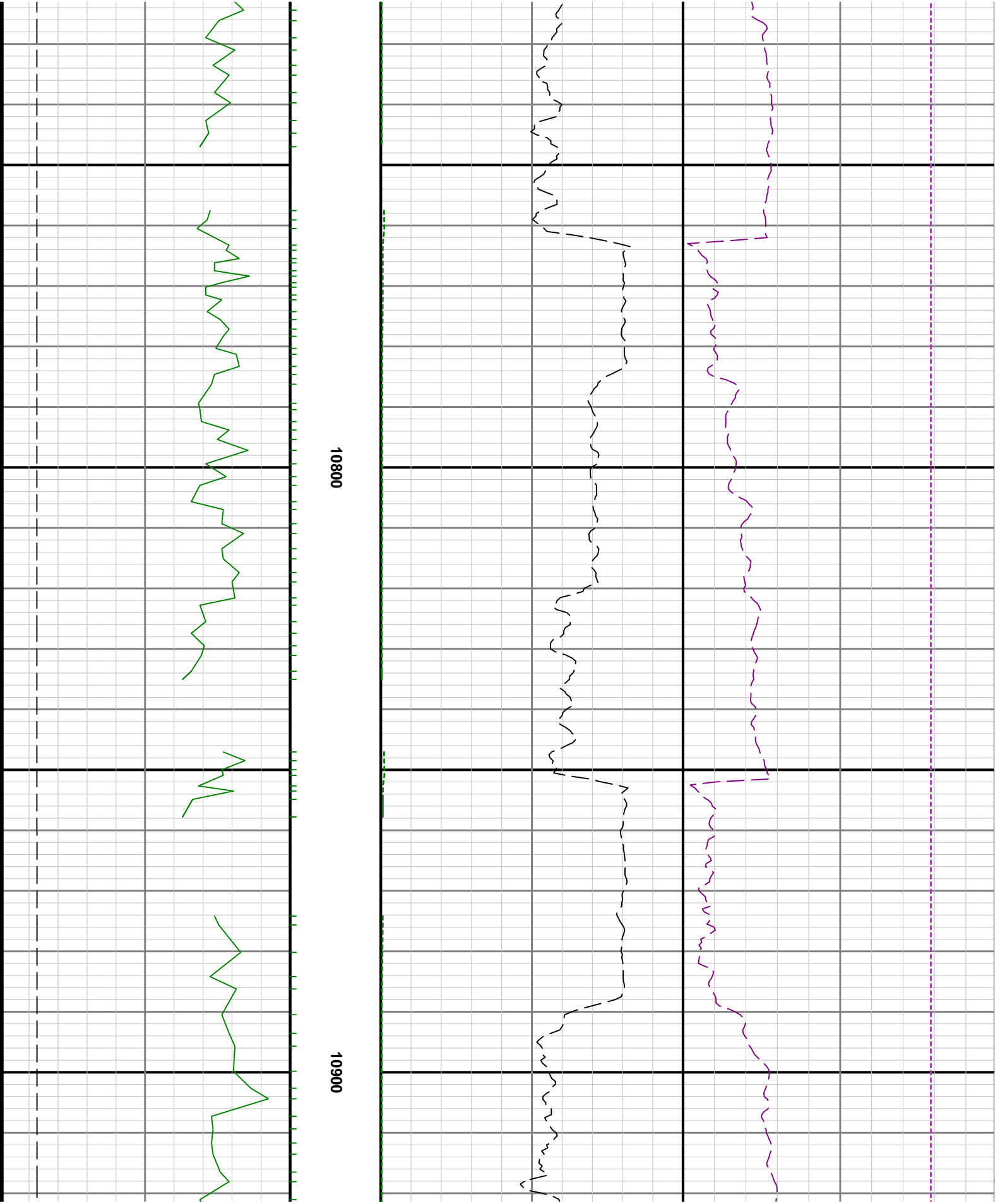


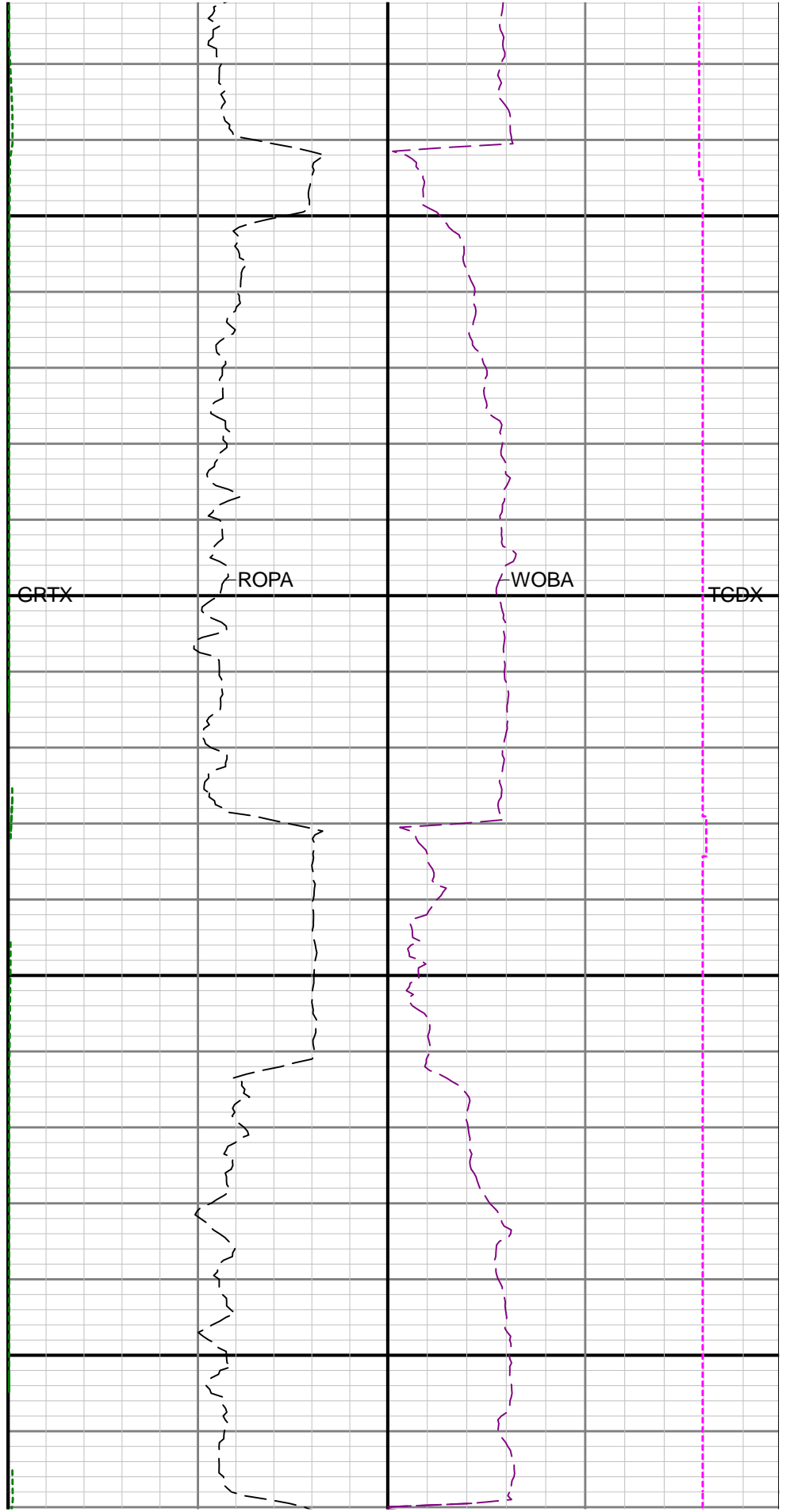
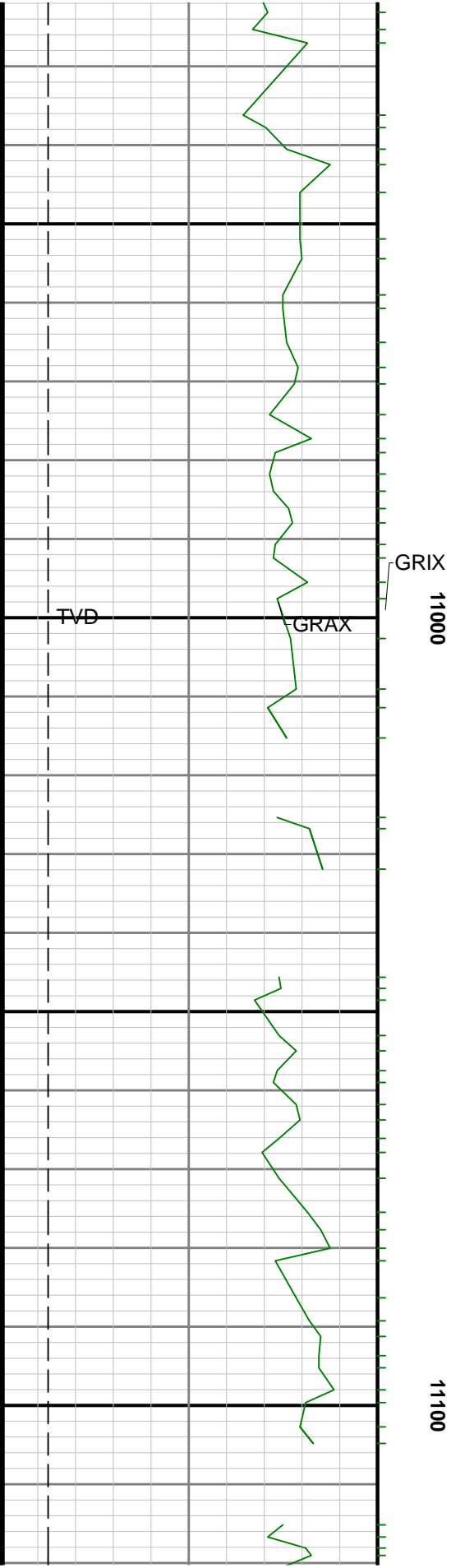


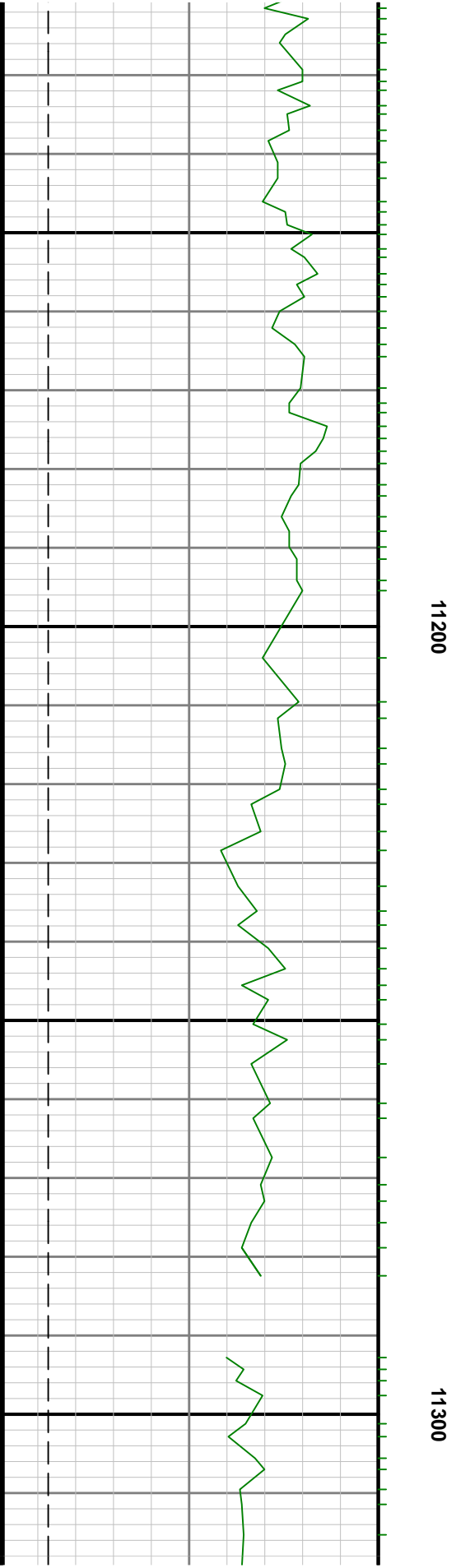
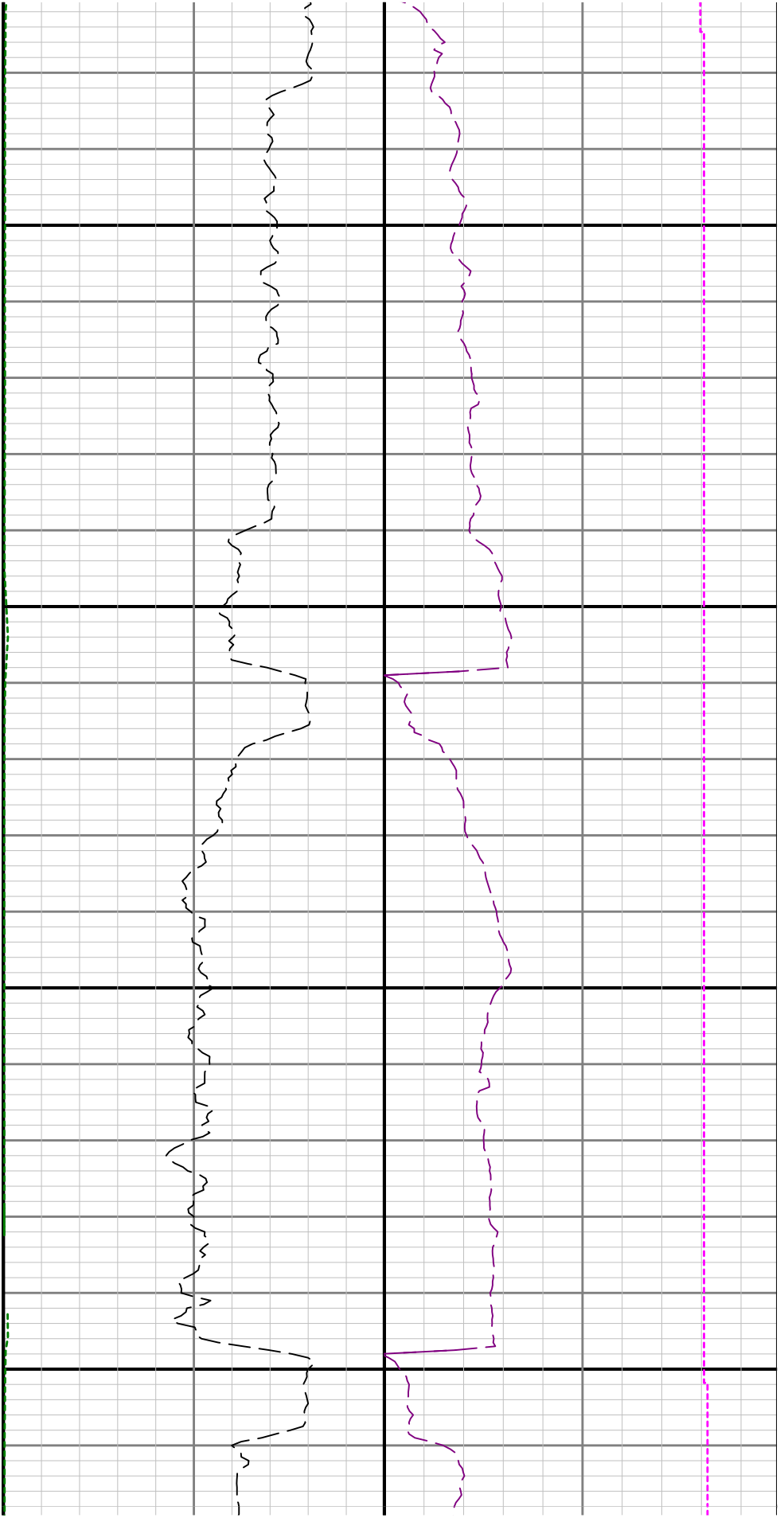


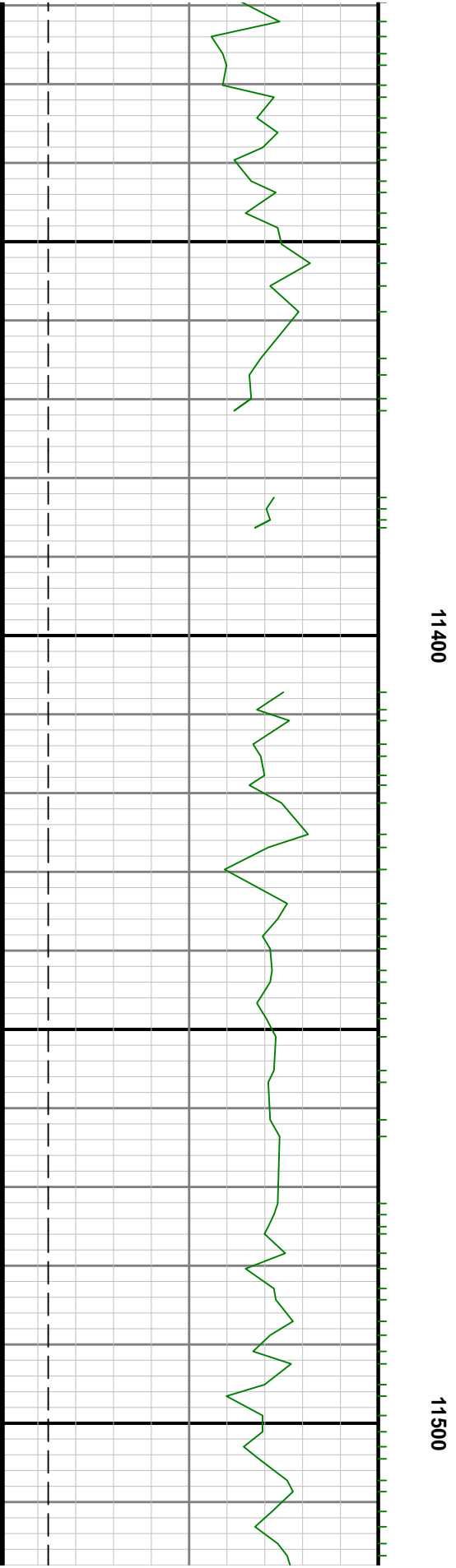
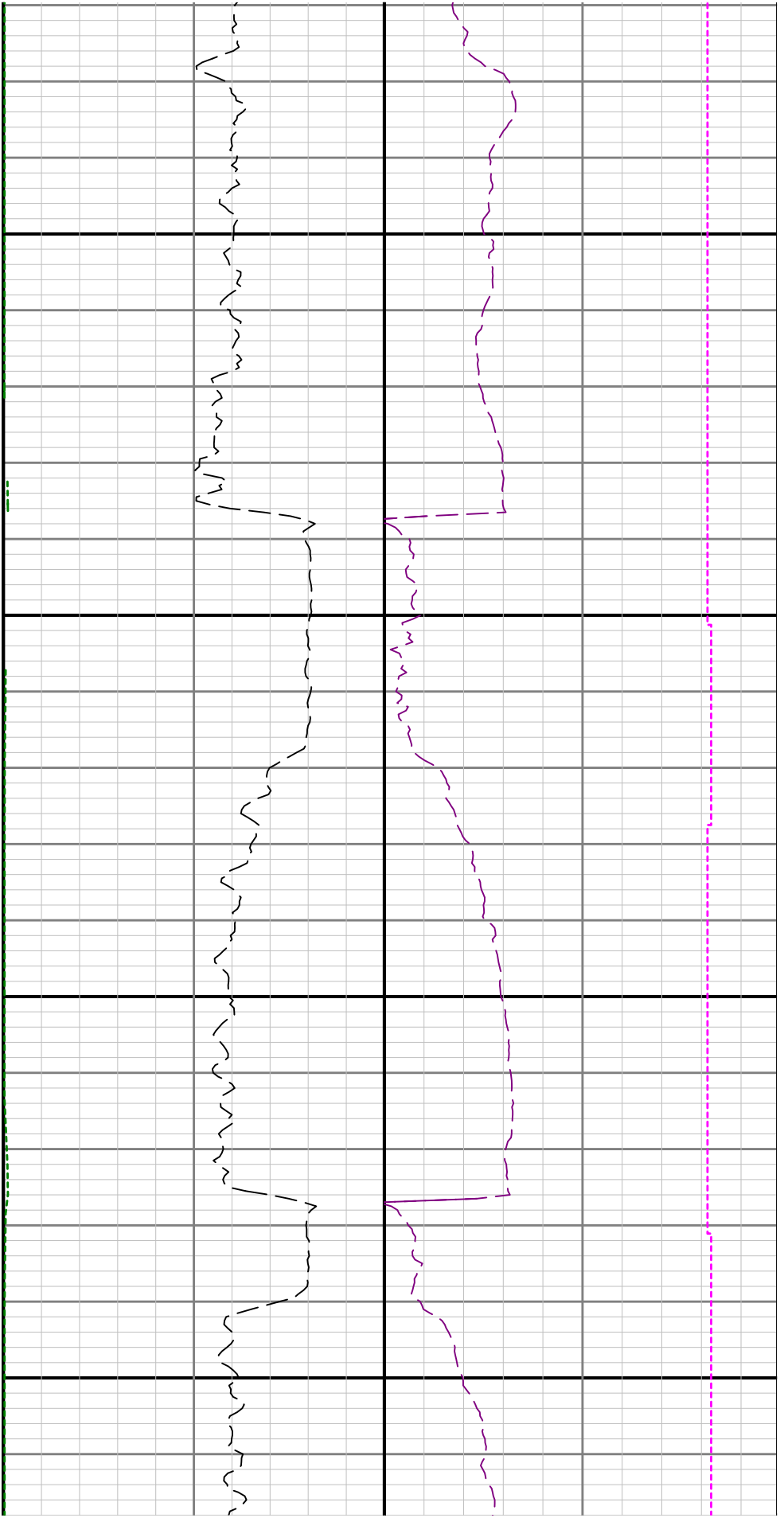


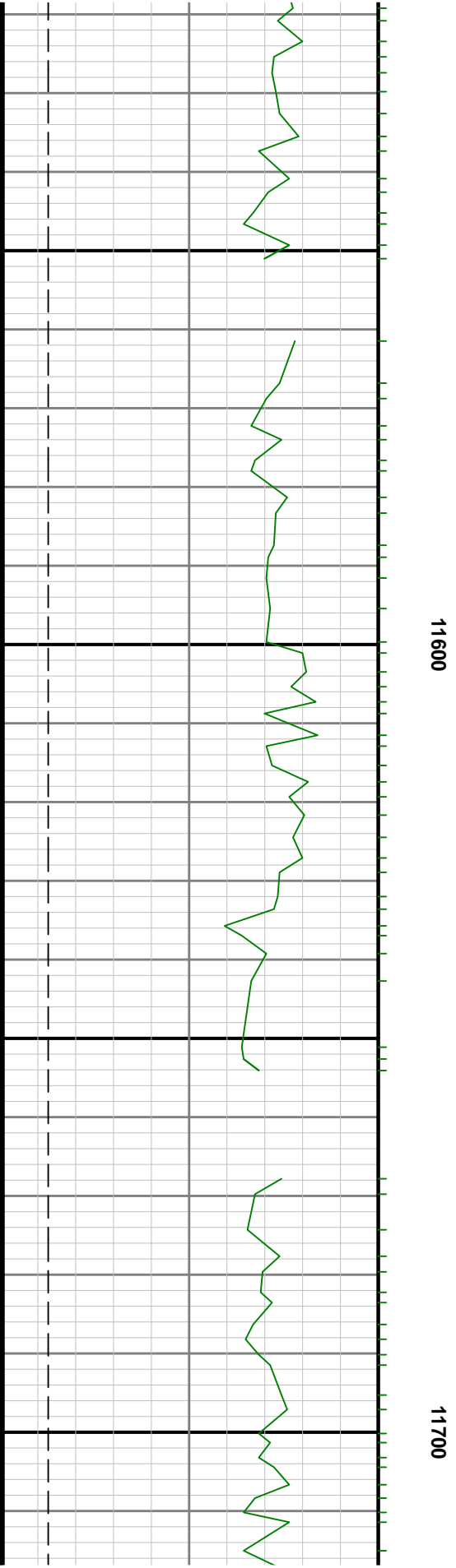
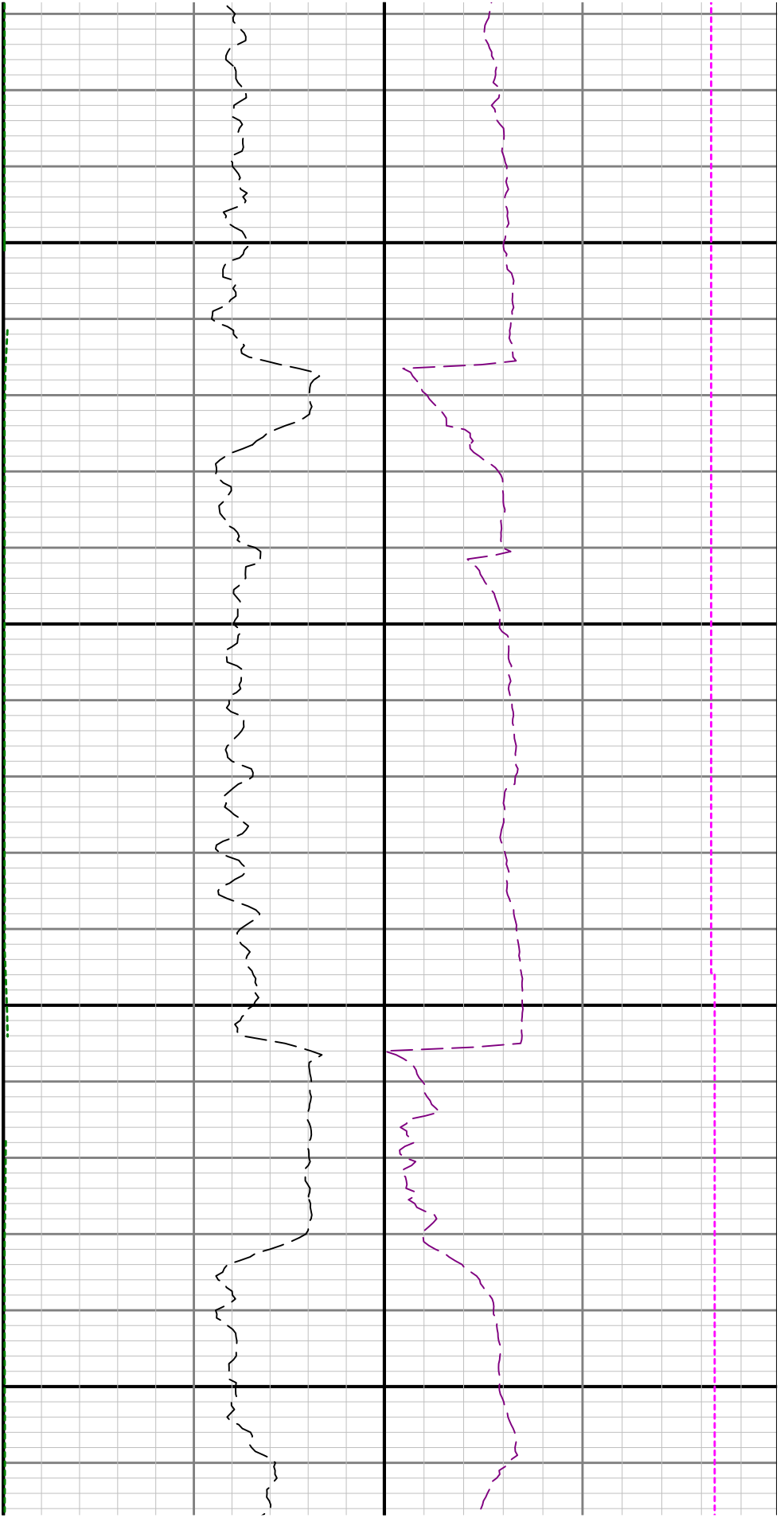


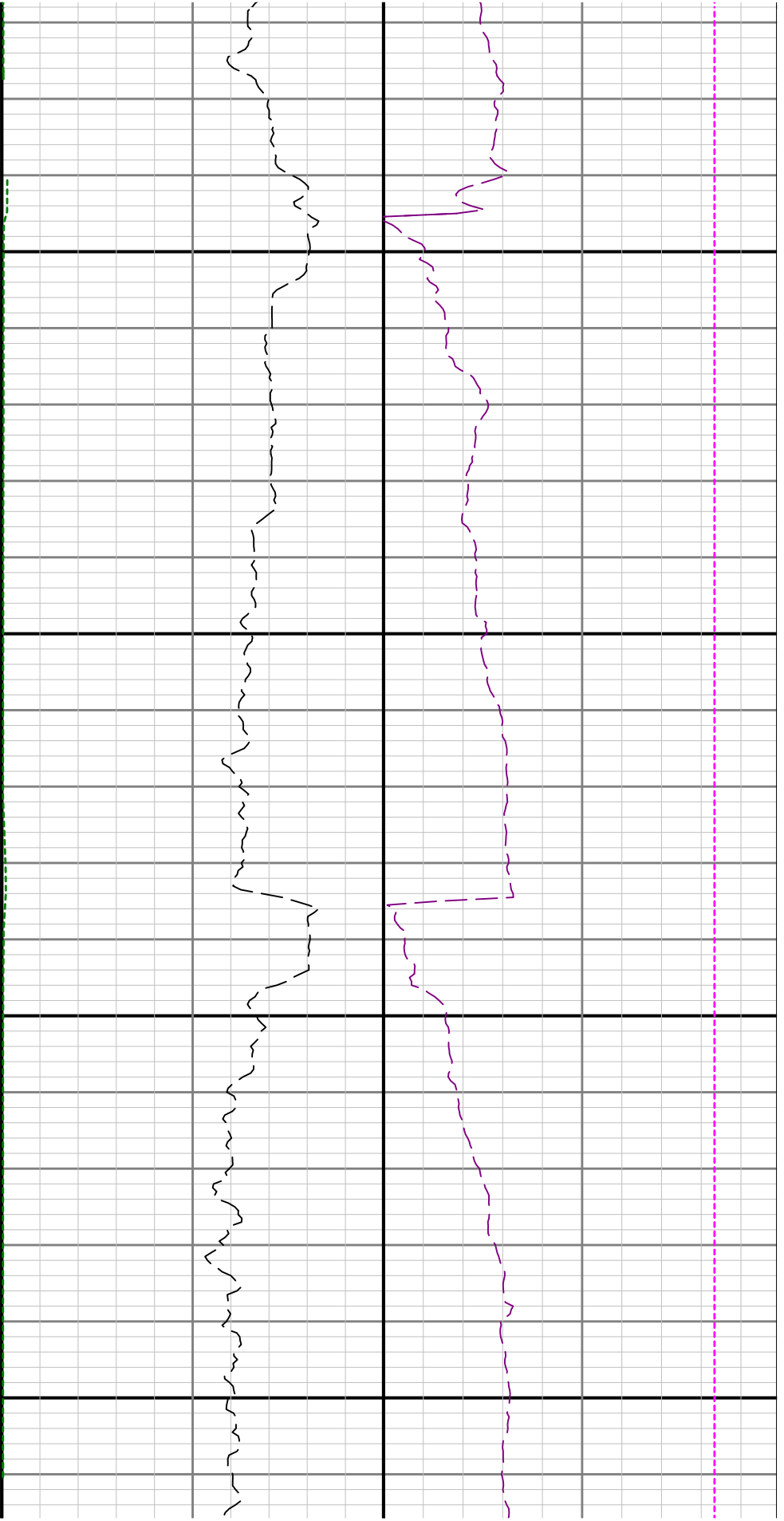






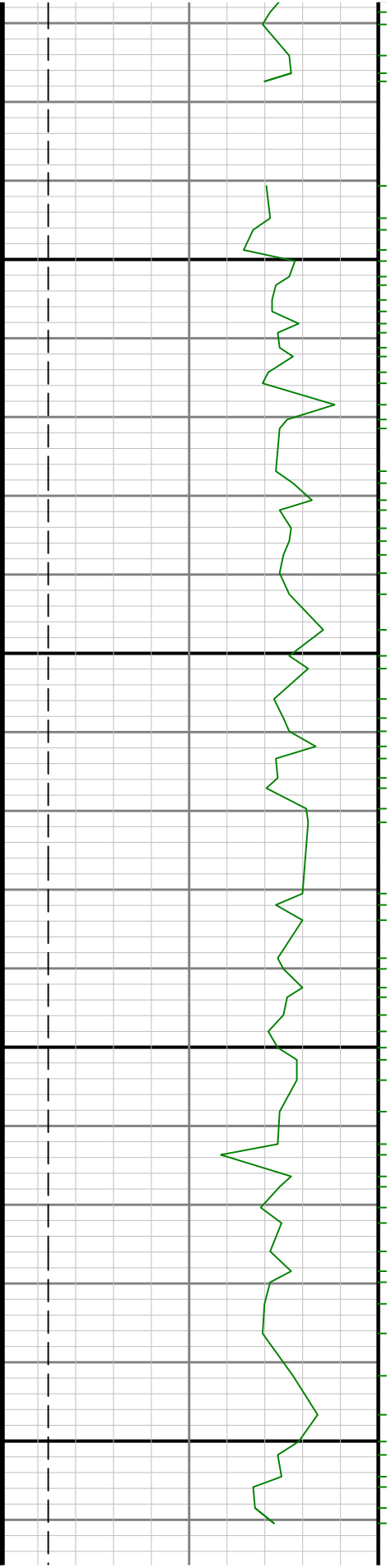


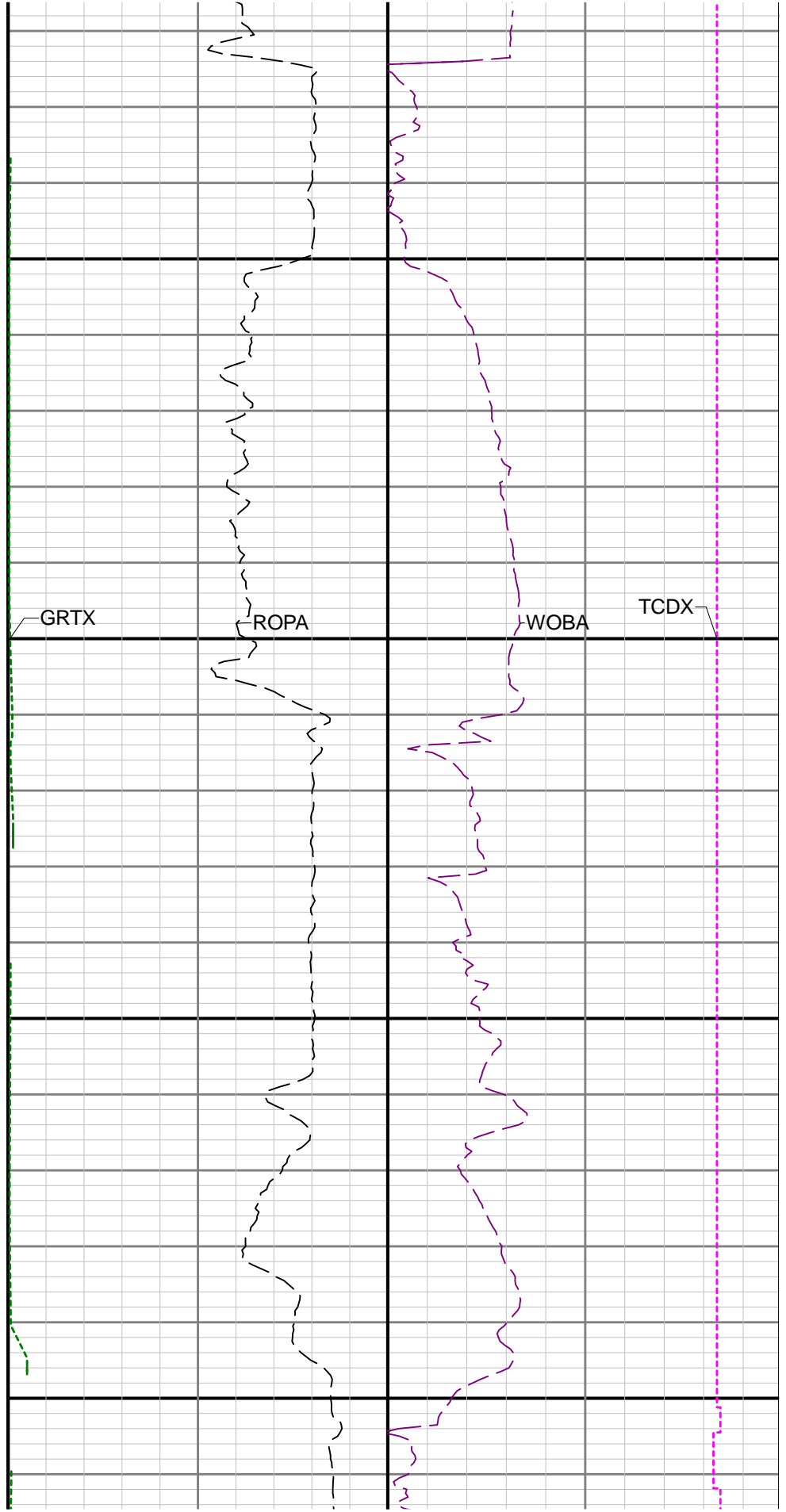
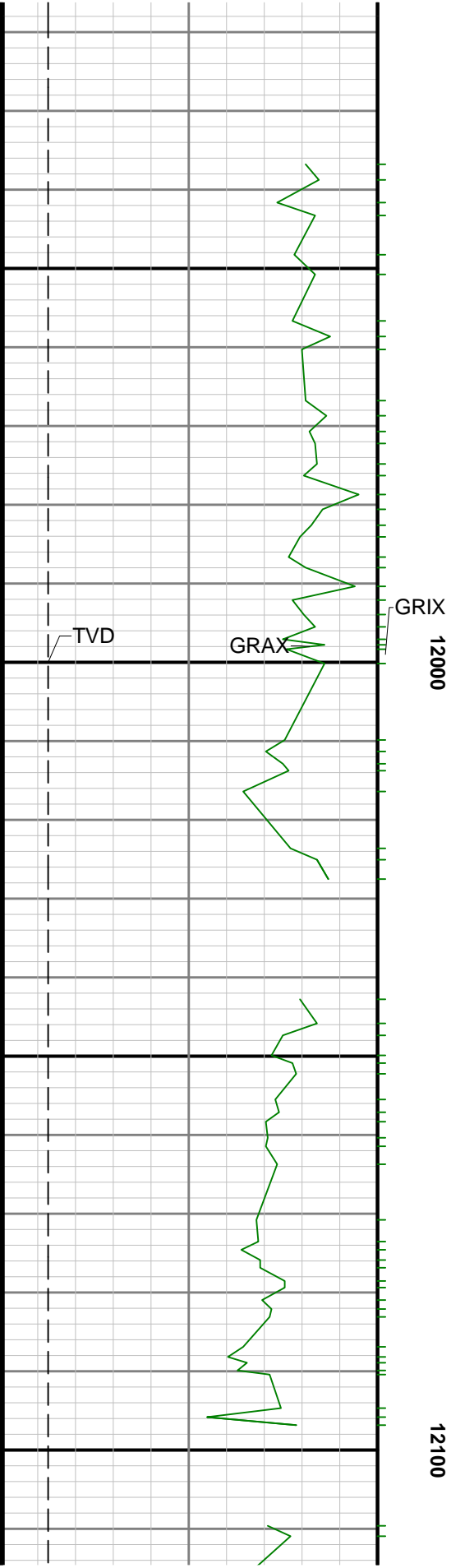


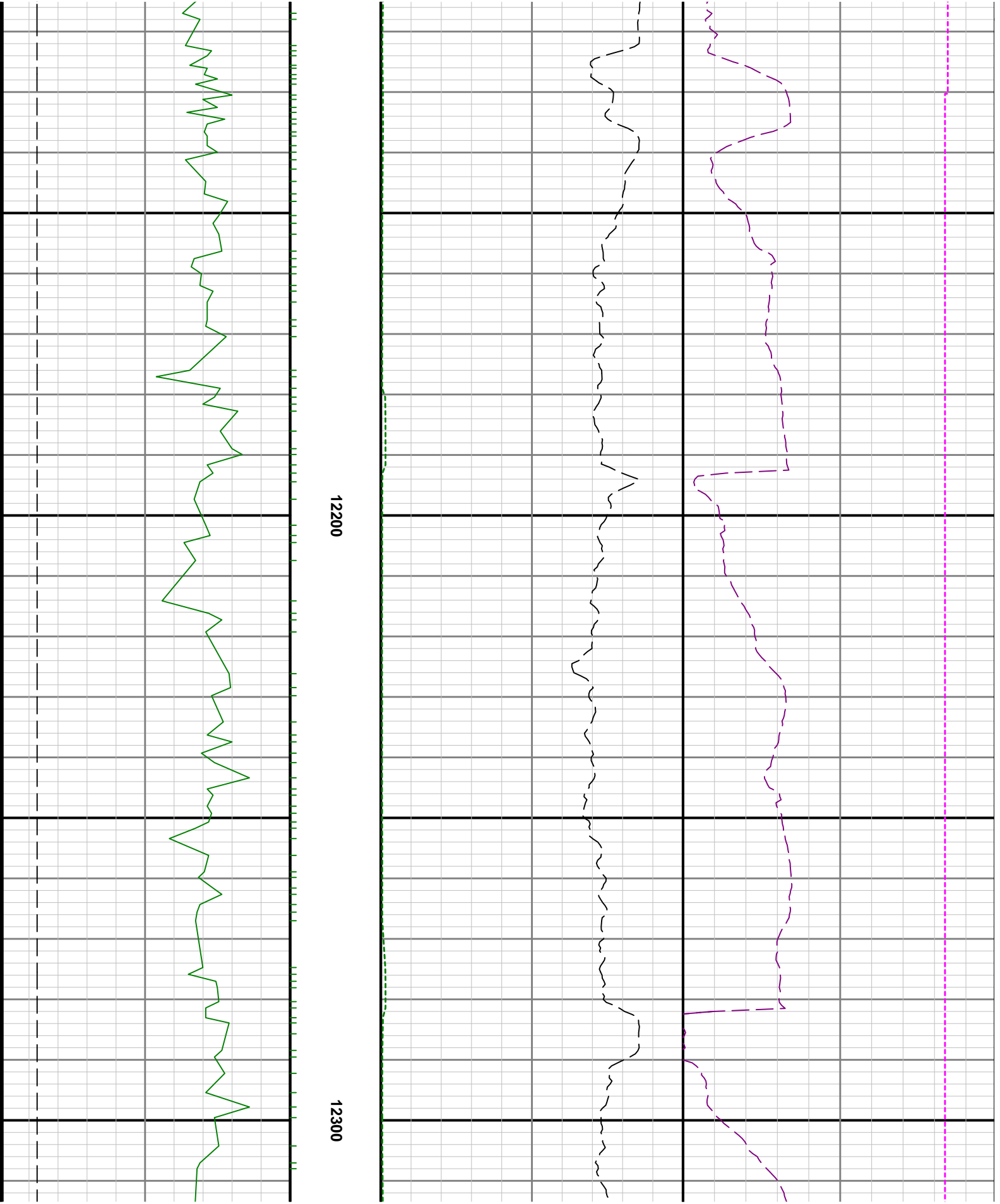


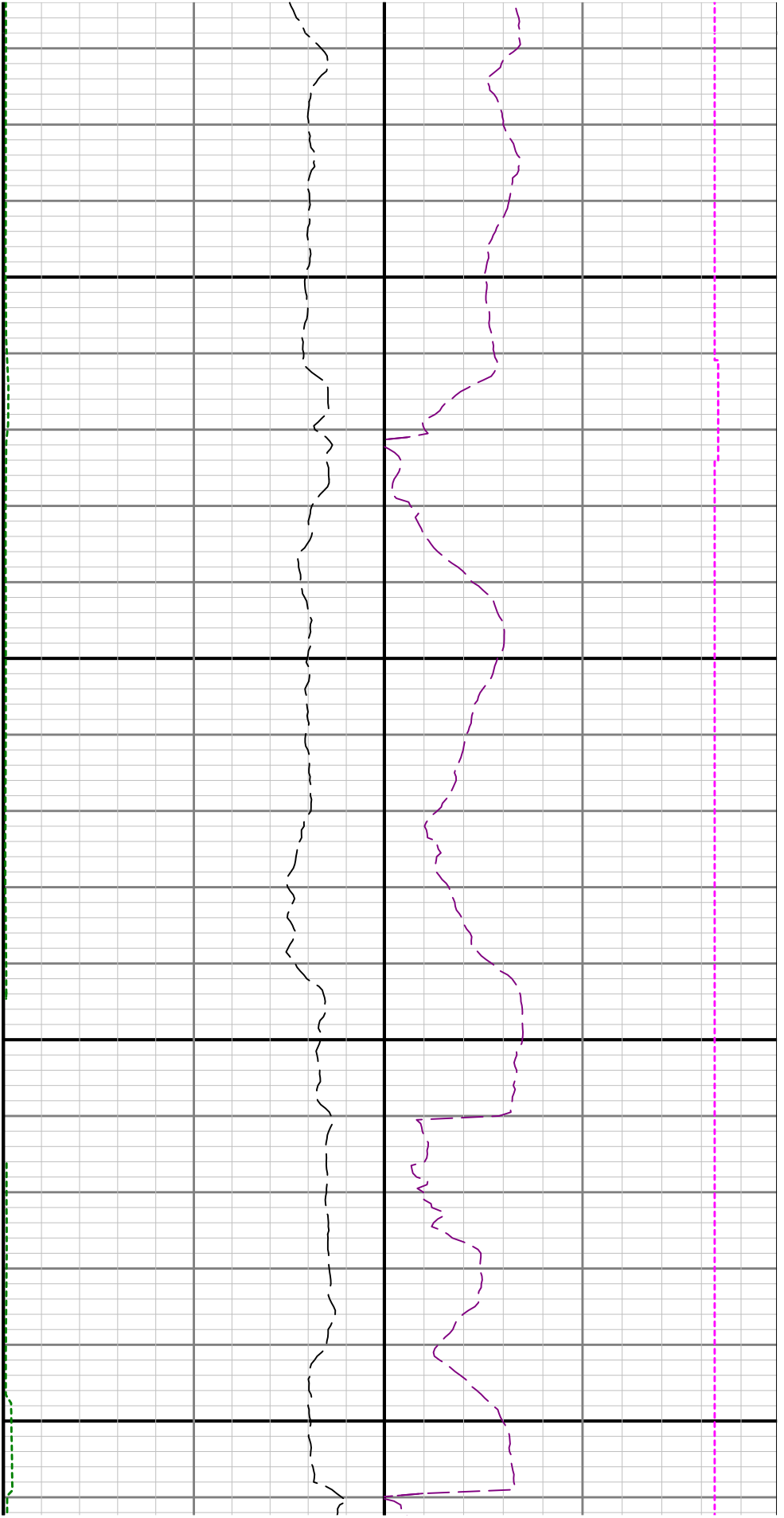
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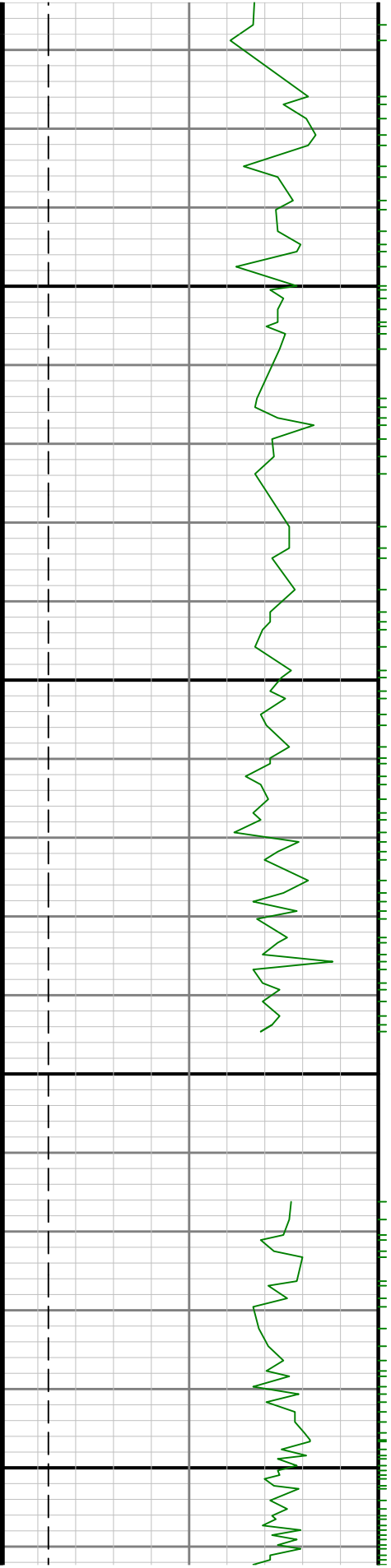


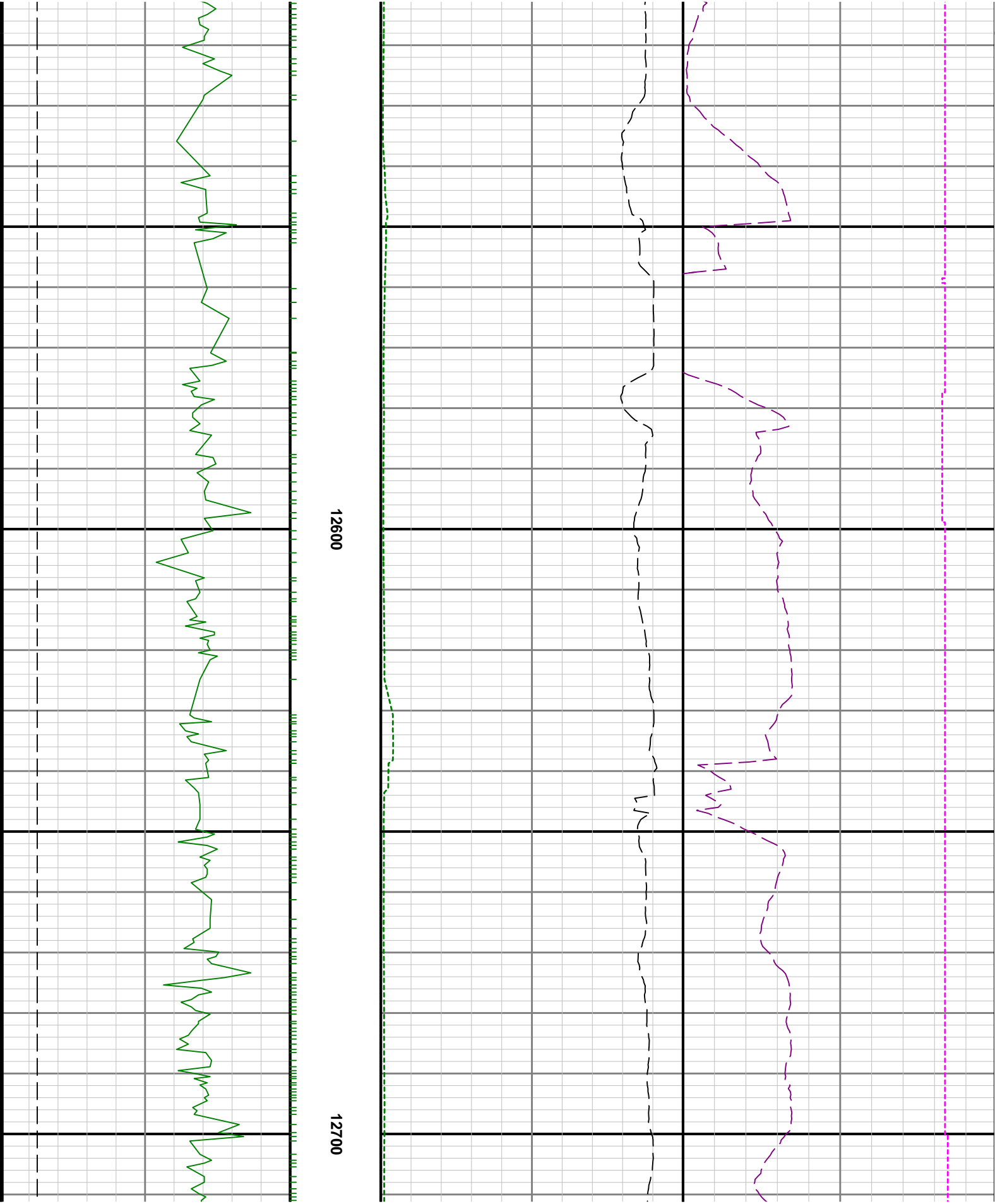


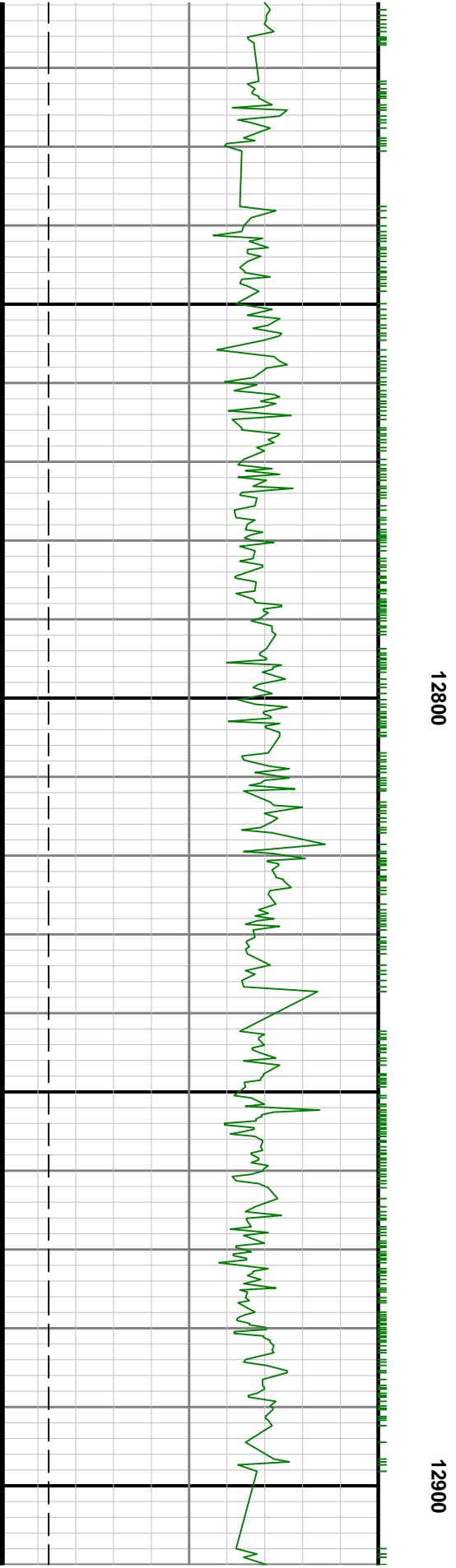


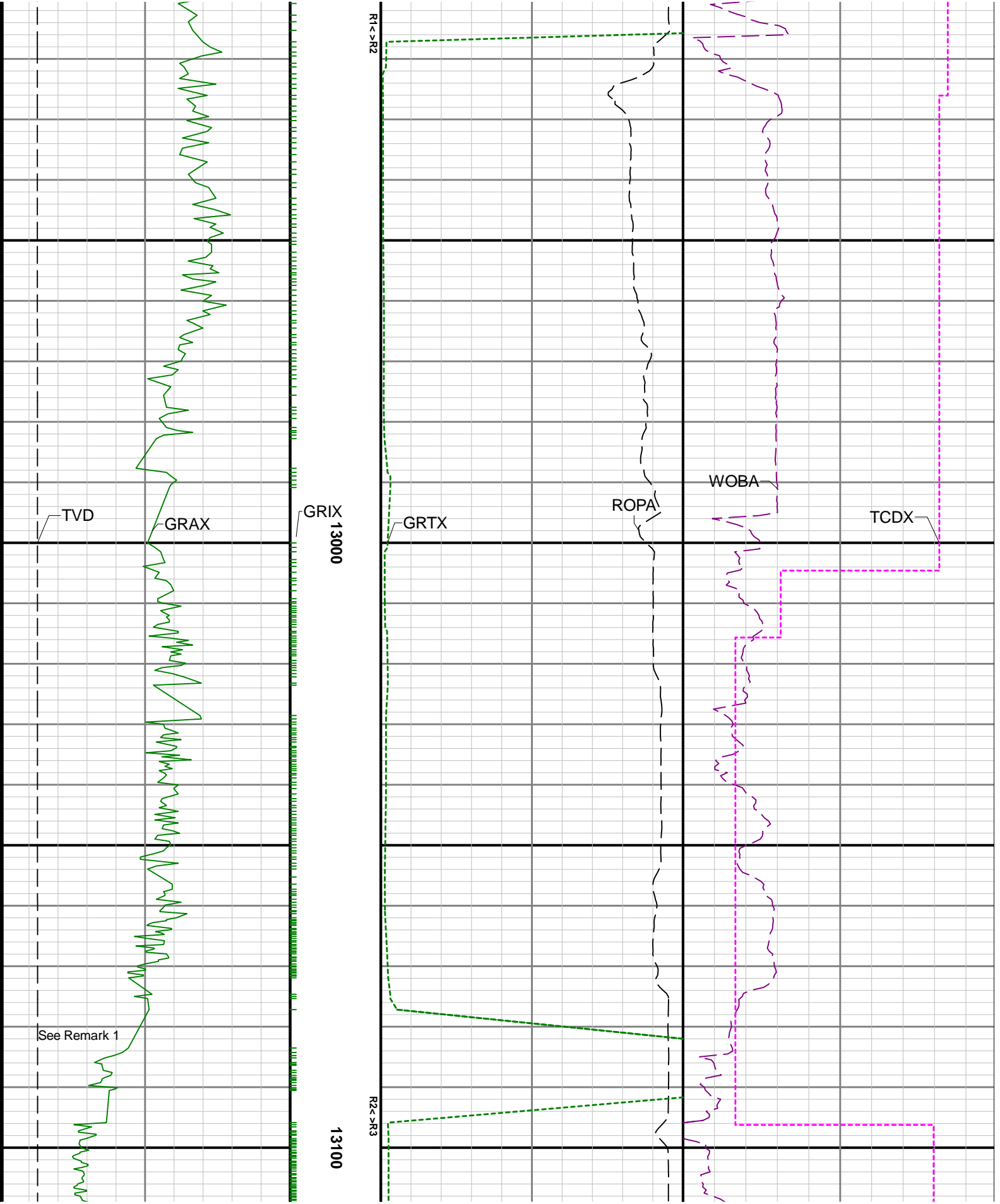
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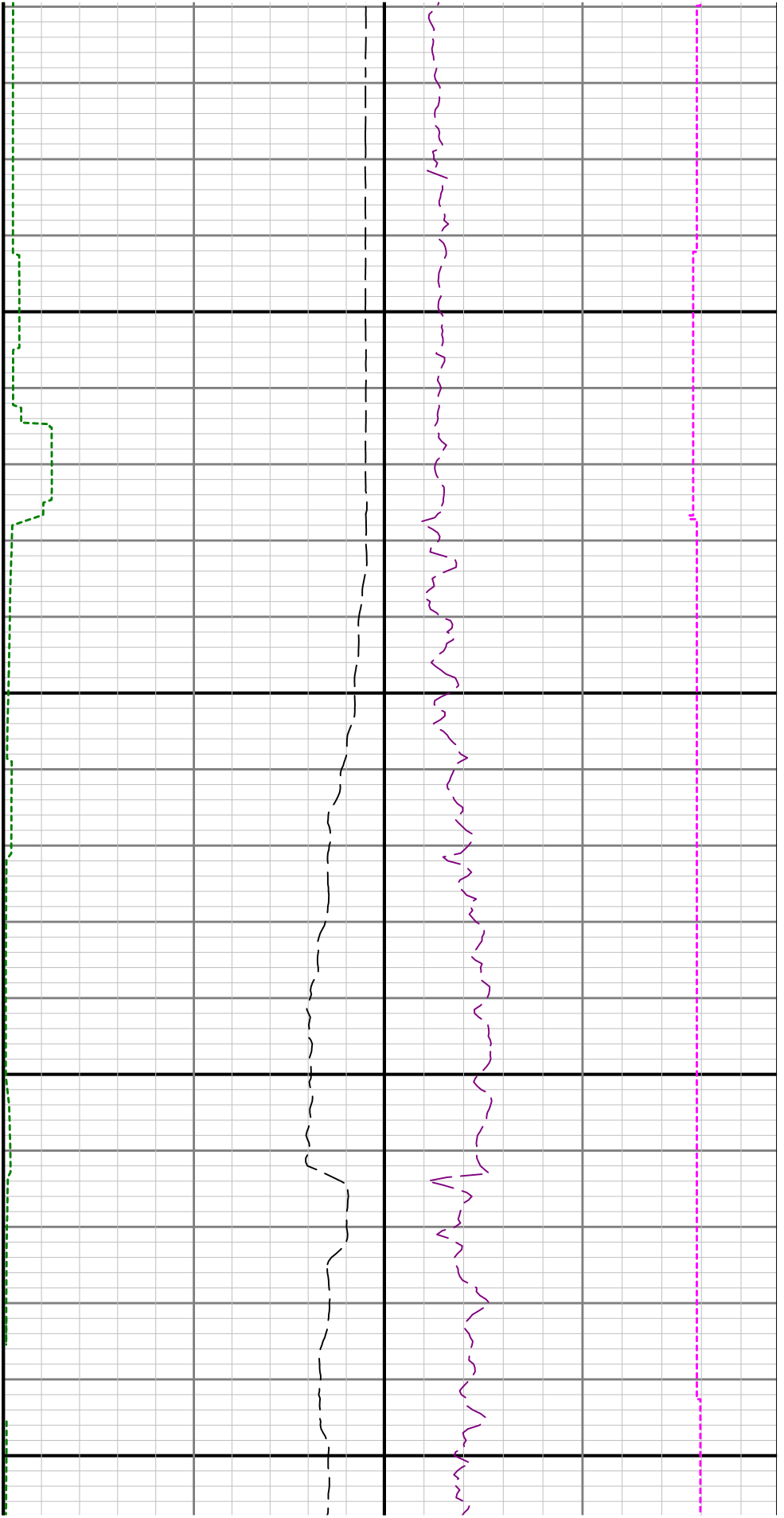
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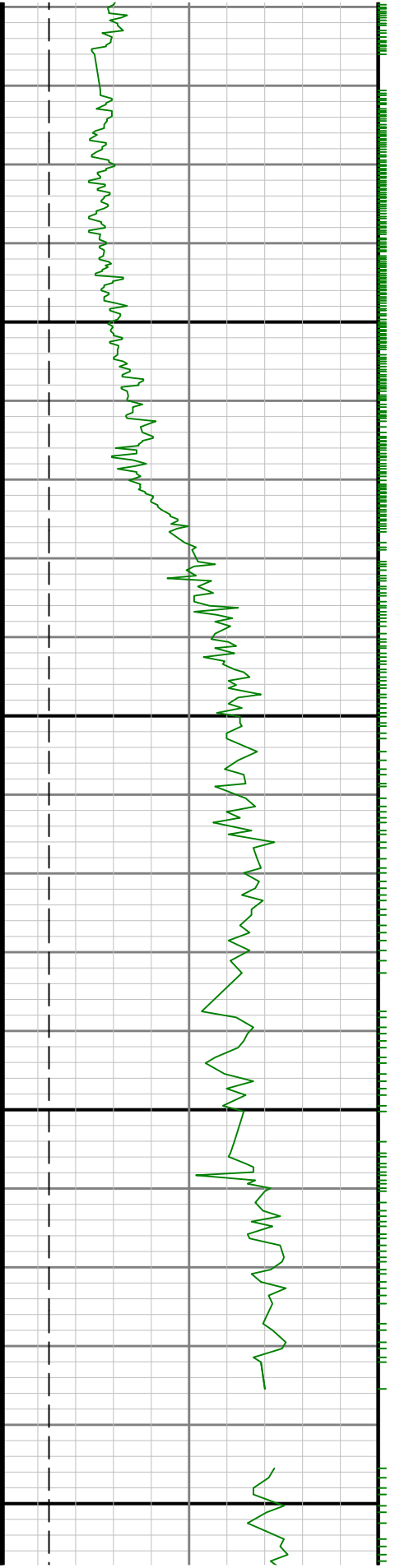


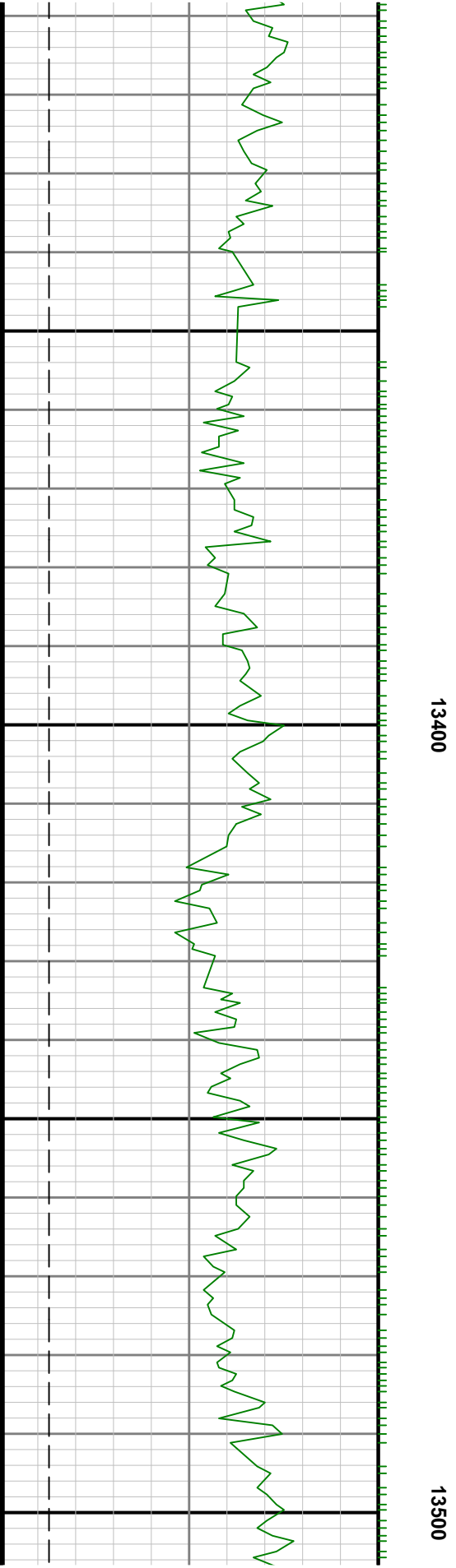
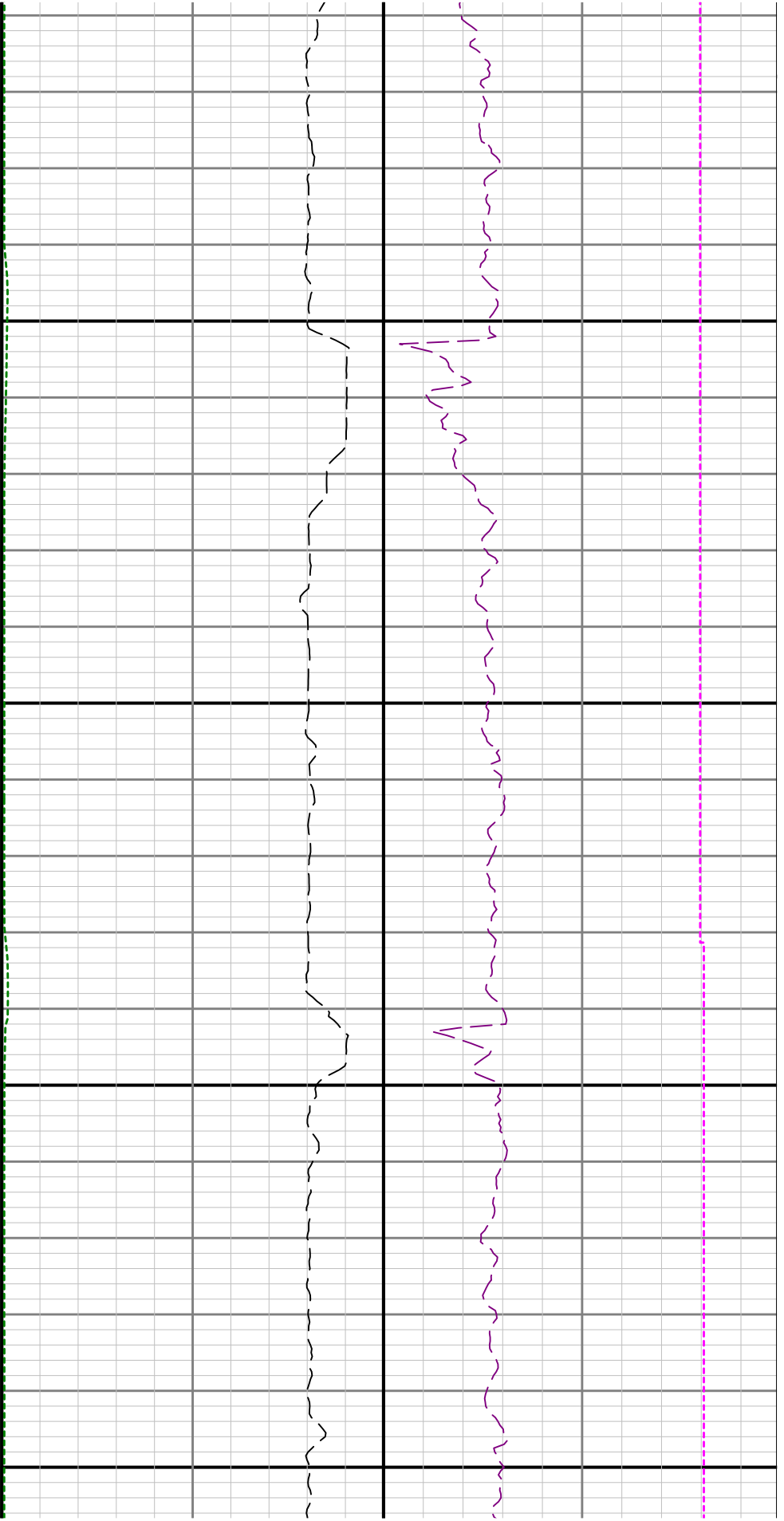




13200

13300







13600

13700

