



part of Baker Hughes. Unless other contract terms have been agreed to by the parties, each party's liabilities and

## Log Run Summary

Run No	Bit Run No.	Bit Size (in)	Bit Type	Bit Gauge Length (in)	Assembly Type	Logged Interval		Bit Depth Interval		Date / Time		Circ.
						Top	Bottom	From	To	Start Logging	End Logging	Hours
						(ft)	(ft)	(ft)	(ft)			(h)
1	1	7.875	PDC	2.00	Motor	1804.06	12923.79	1849.00	12968.73	2015-09-07 06:01	2015-09-09 02:44	40.16

## Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Adam Harris	2015-09-06	2015-09-09	Andrew Overbey	2015-09-06	2015-09-08	Jason Cross	2015-09-06	2015-09-09
Marcus Boucher	2015-09-07	2015-09-09						

## 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+ (%)
2015-09-09 03:43	1	12968.73	Oil Based Mud	9.0	51	N/A	0.0	62/38	Active Pit	78000	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	NaviGamma	12662922	Gamma (single)	14.13	44.94	6.750	3.500
1	NaviGamma	12662922	VSS	17.55	48.36	6.750	3.500
1	NaviGamma	12662922	Directional (mag)	17.55	48.36	6.750	3.500

## Comments

- 1 Baker Hughes run 1 utilized a 6.5 inch NaviGamma (Directional and Gamma Ray) tool ran behind an 7.875 inch bit with a steerable assembly from 1882 to 12969 feet MD (1845 to 7278 feet TVD).
- 2 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	Hole Section	Run No.	Remark
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	(ft)	(in)		
1	6700.00	7.875	1	The interval from 16 to 6700 feet MD (16 to 6490 feet TVD) was not logged due to directional only services provided in the vertical.
2	12965.92	7.875	1	The interval from 12924 to 12969 feet MD (7277 to 7278 feet TVD) has no GRAX, GRIX or GRTX due to the Gamma Ray sensor offset to bit.

Curve Mnemonics

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



Company

Well

Interval

Created

Anadarko

Sarchet 37C-20HZ

Date From:

2015-09-07 20:22

Date To:

2015-09-09 02:43

Created

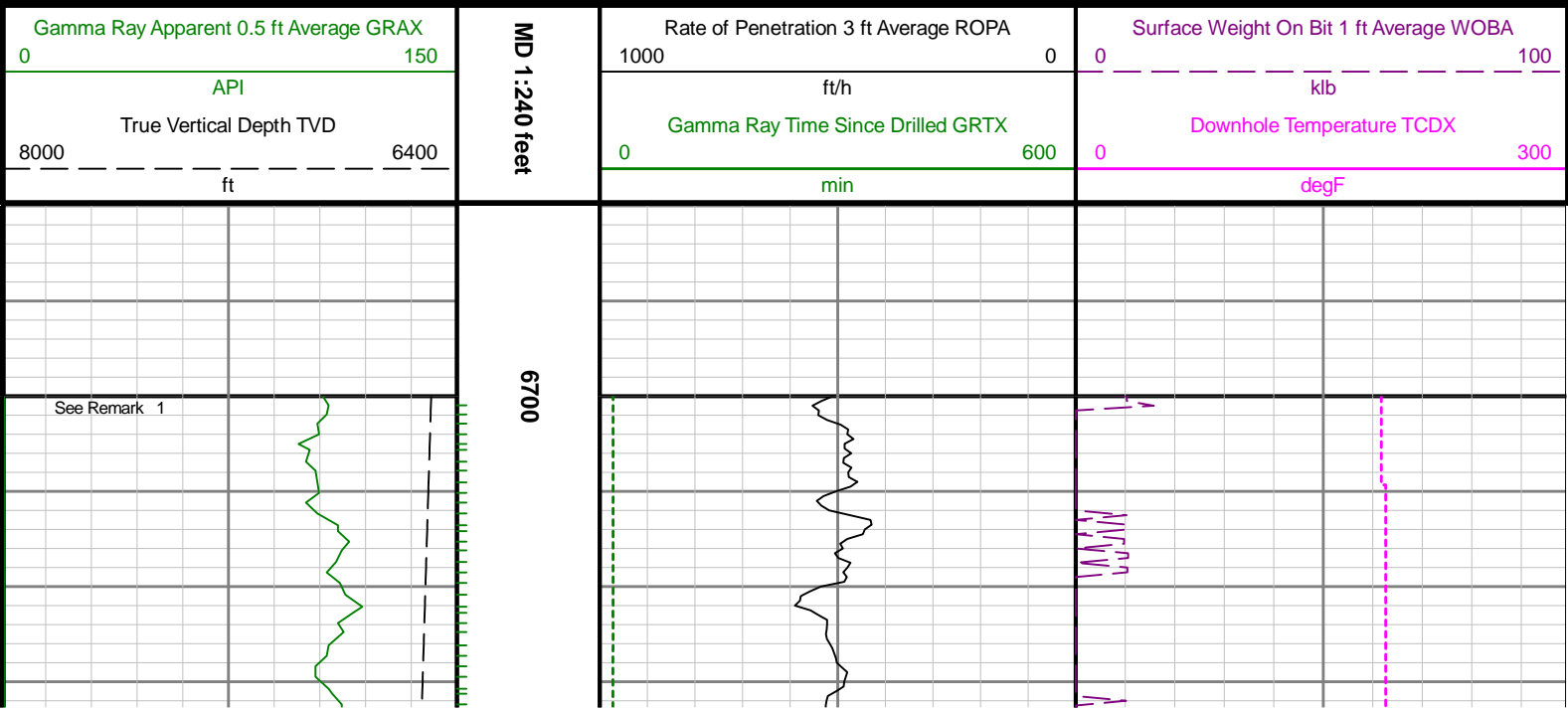
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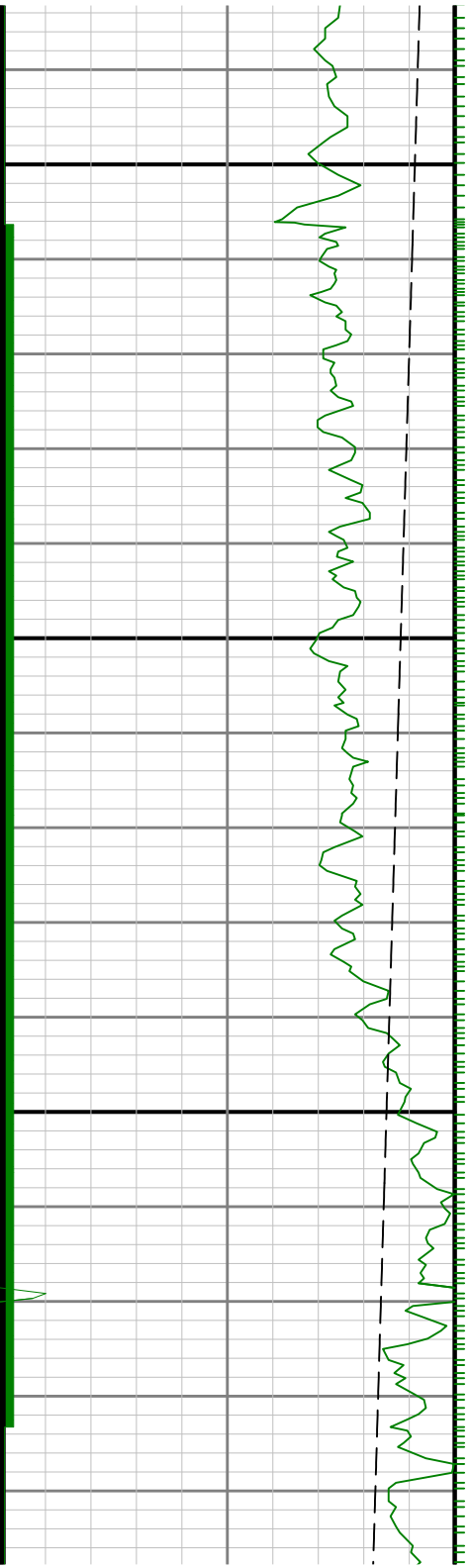
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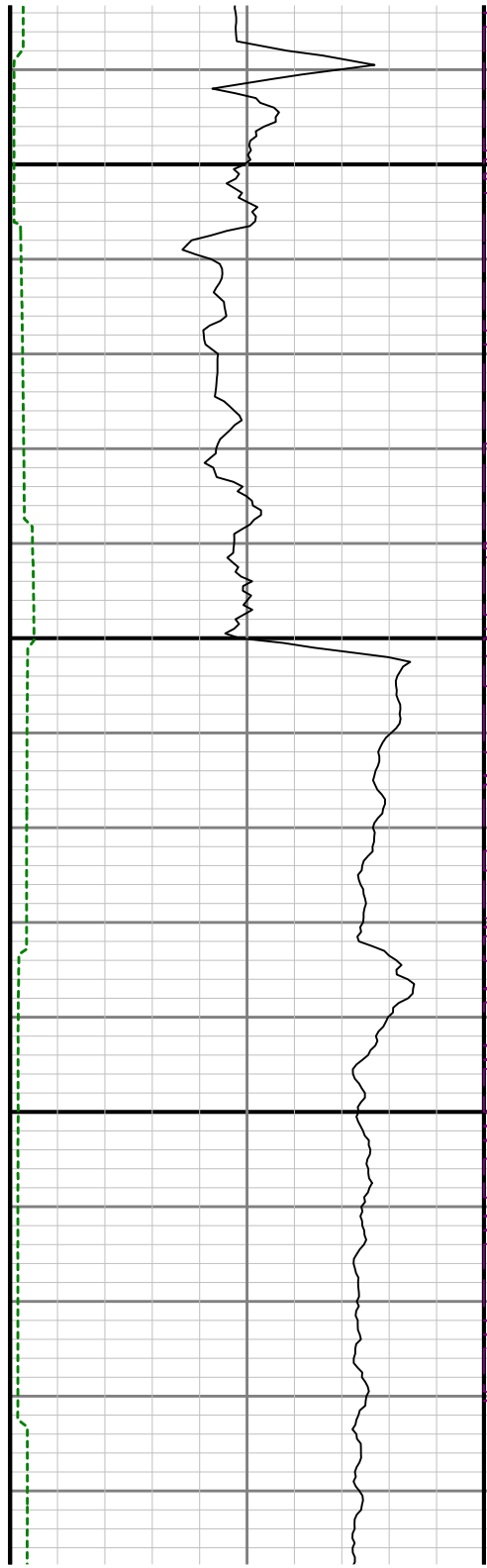
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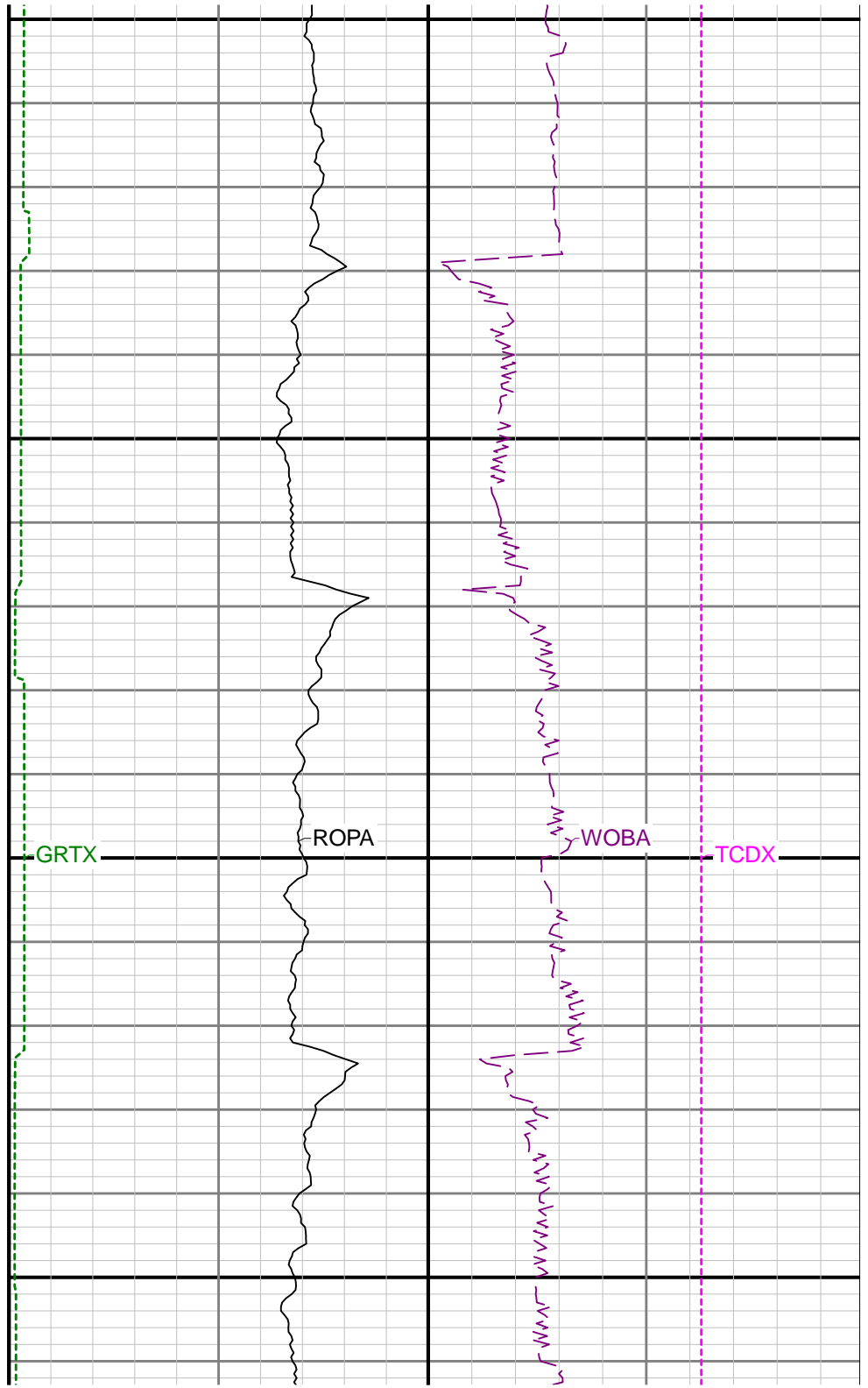
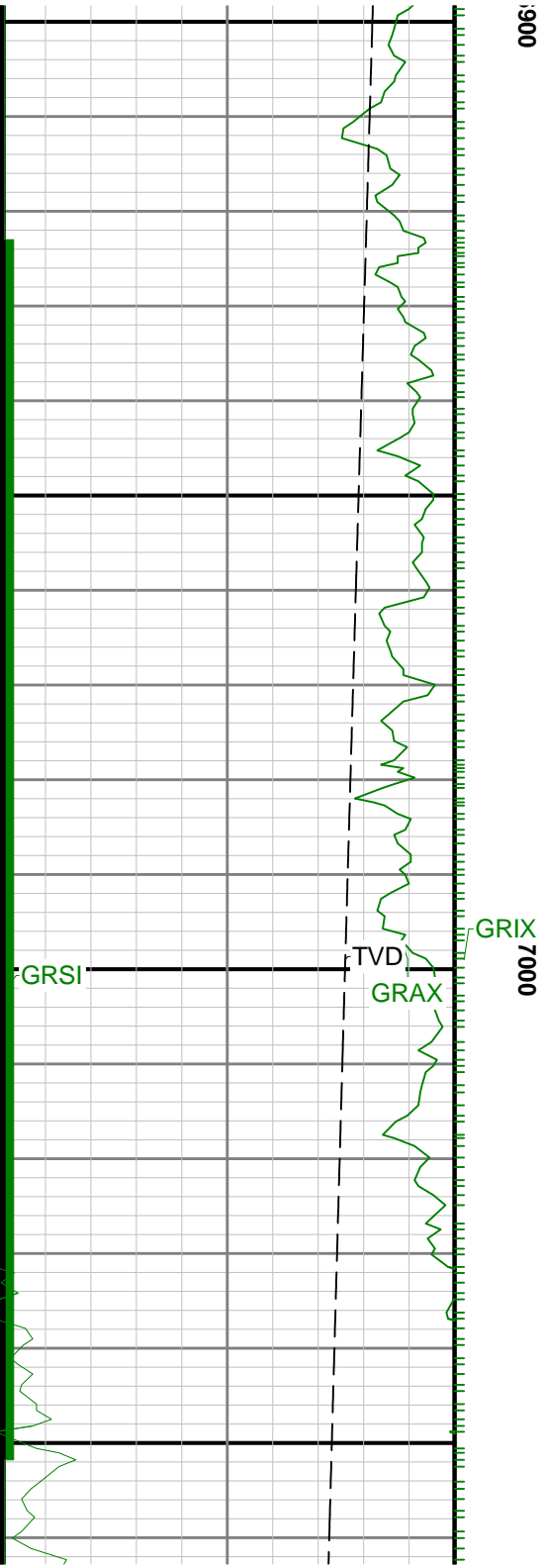
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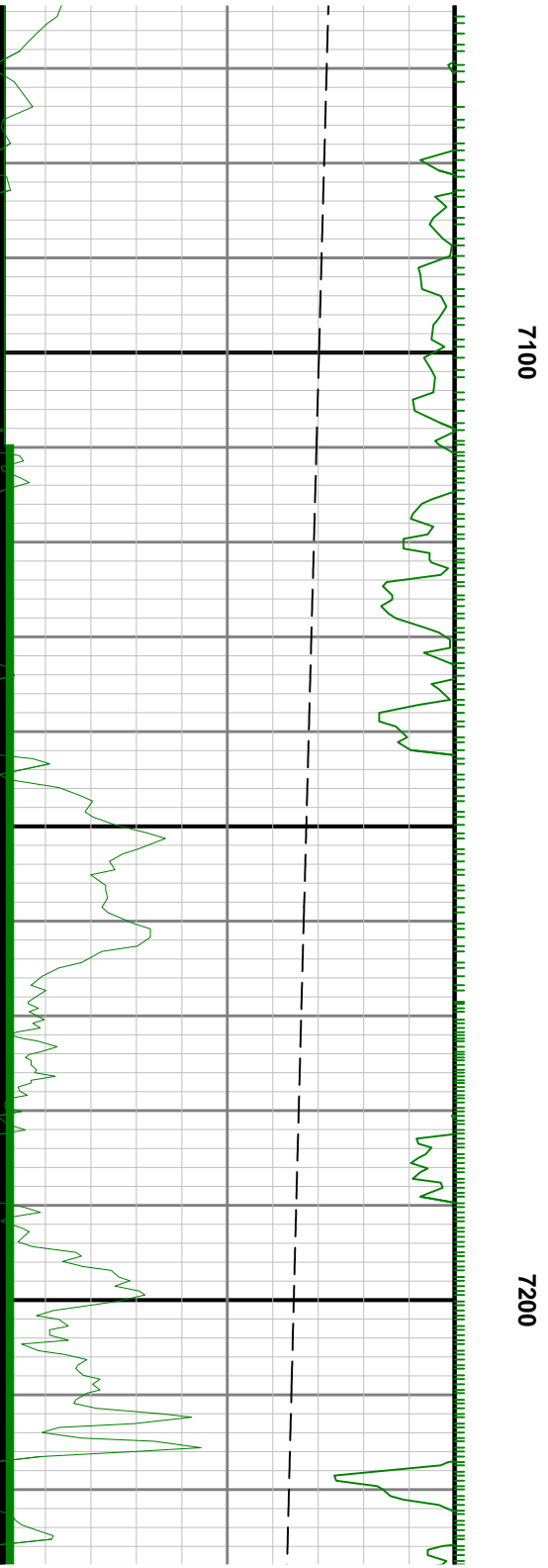
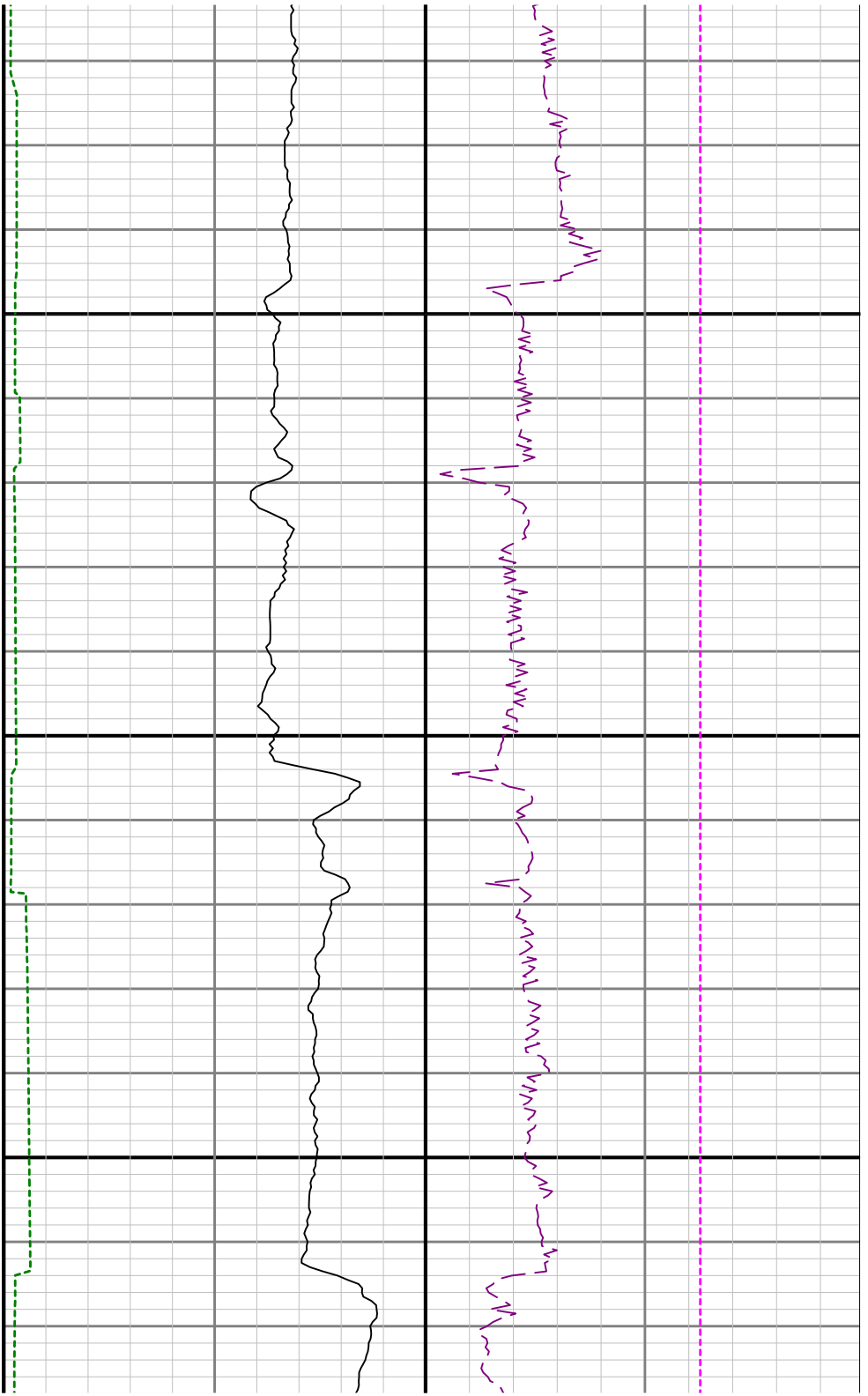


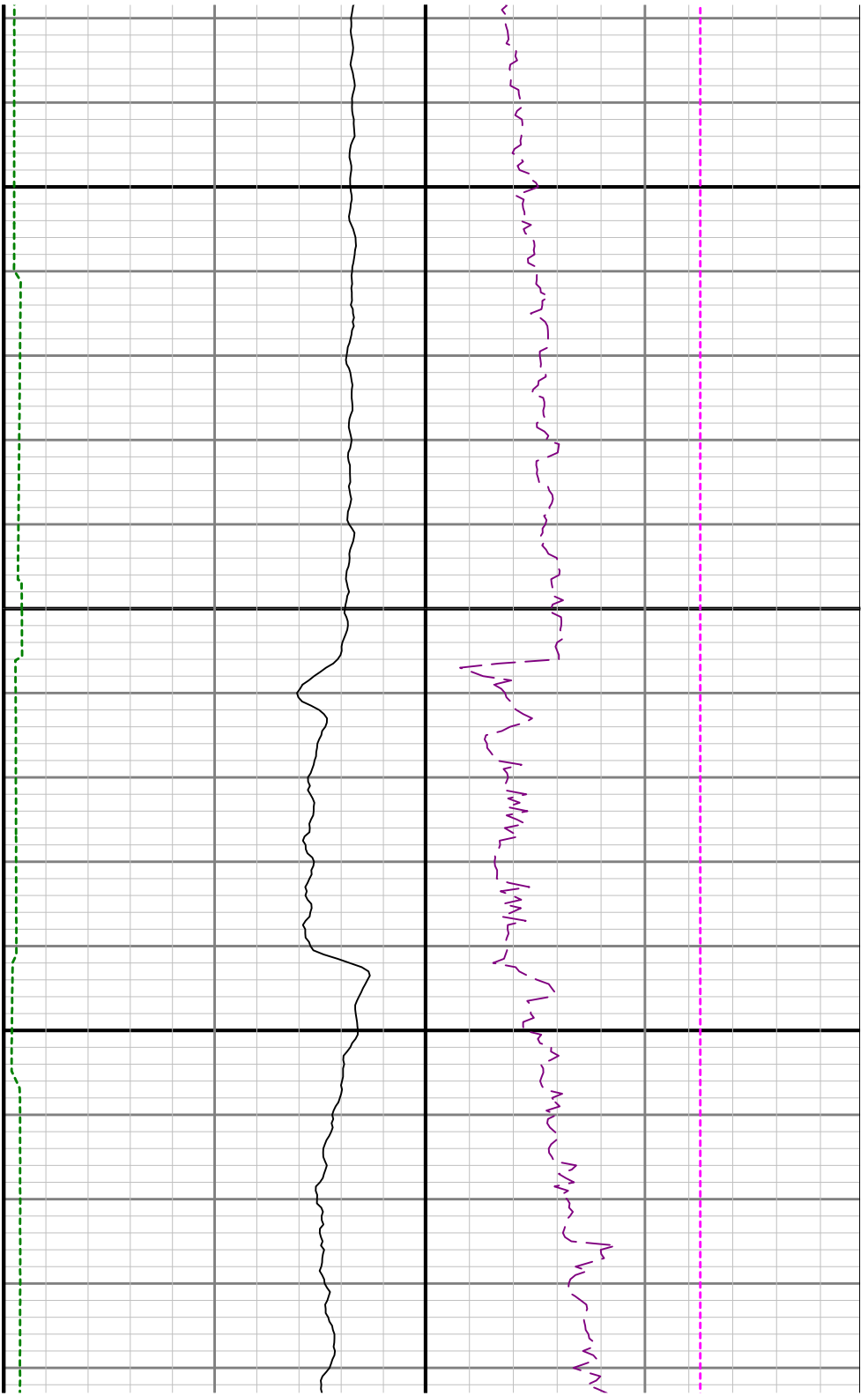


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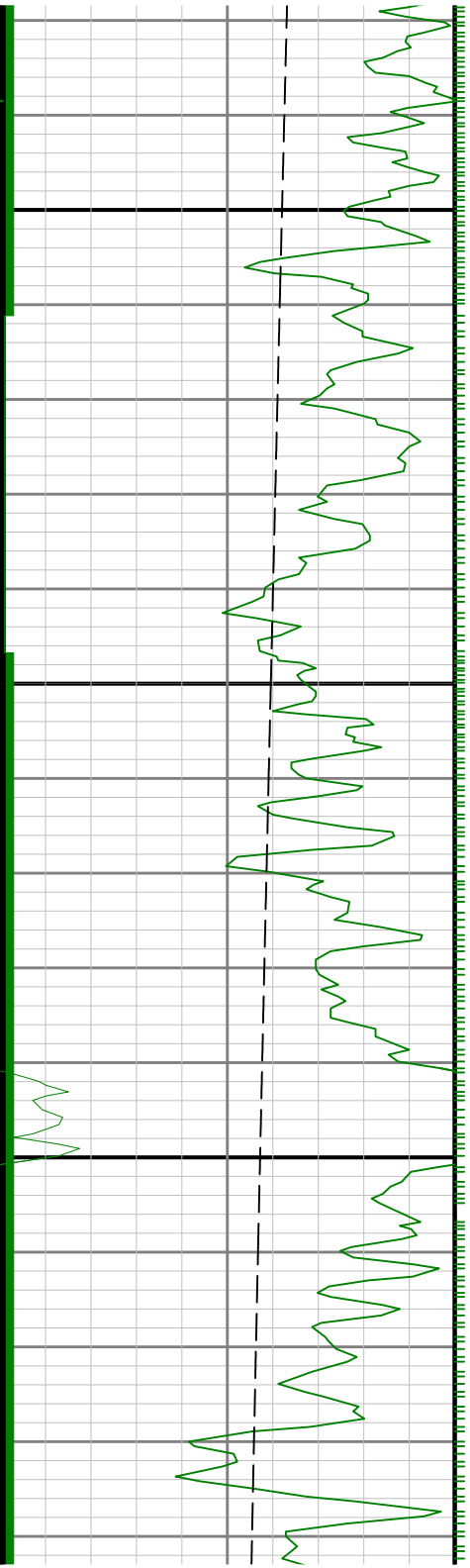


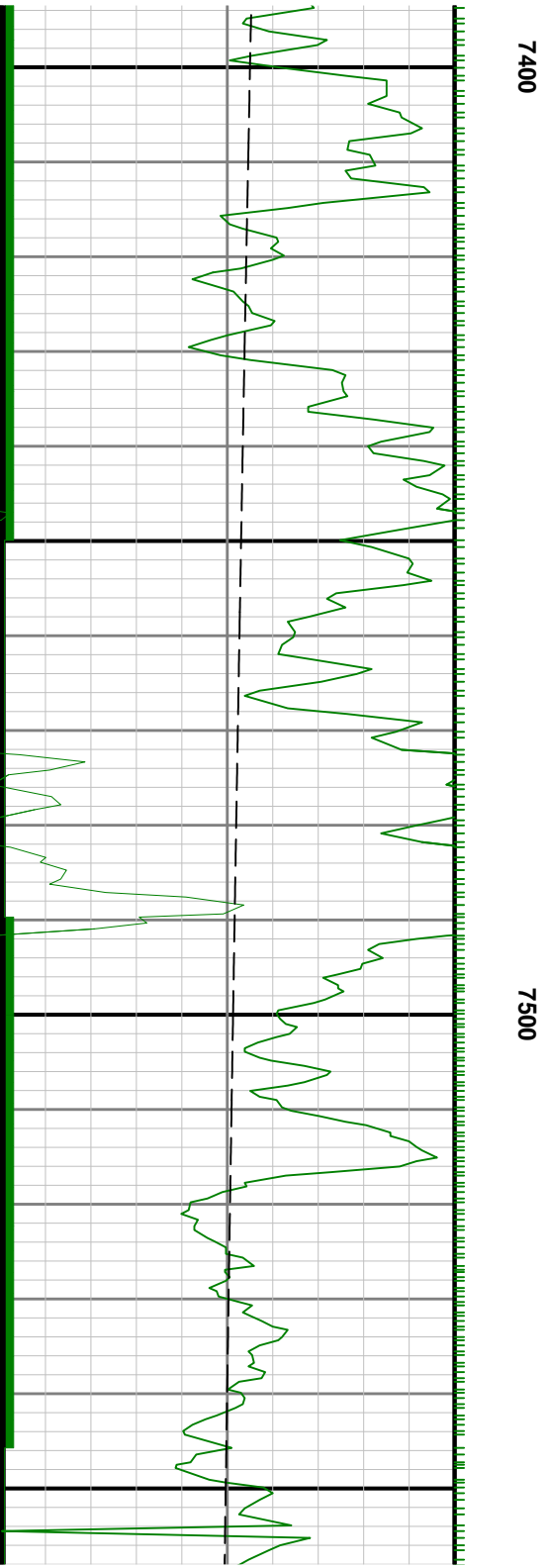
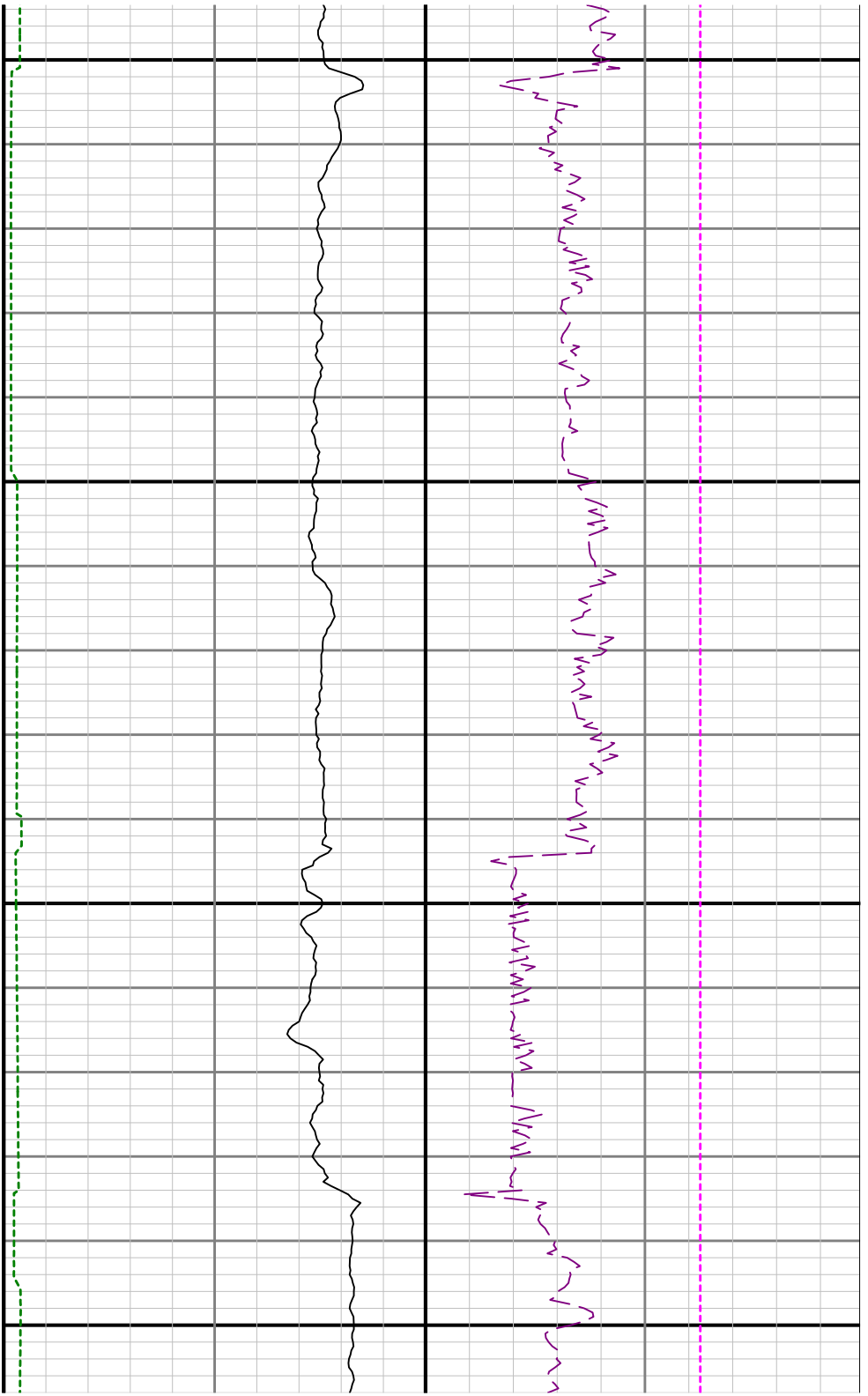




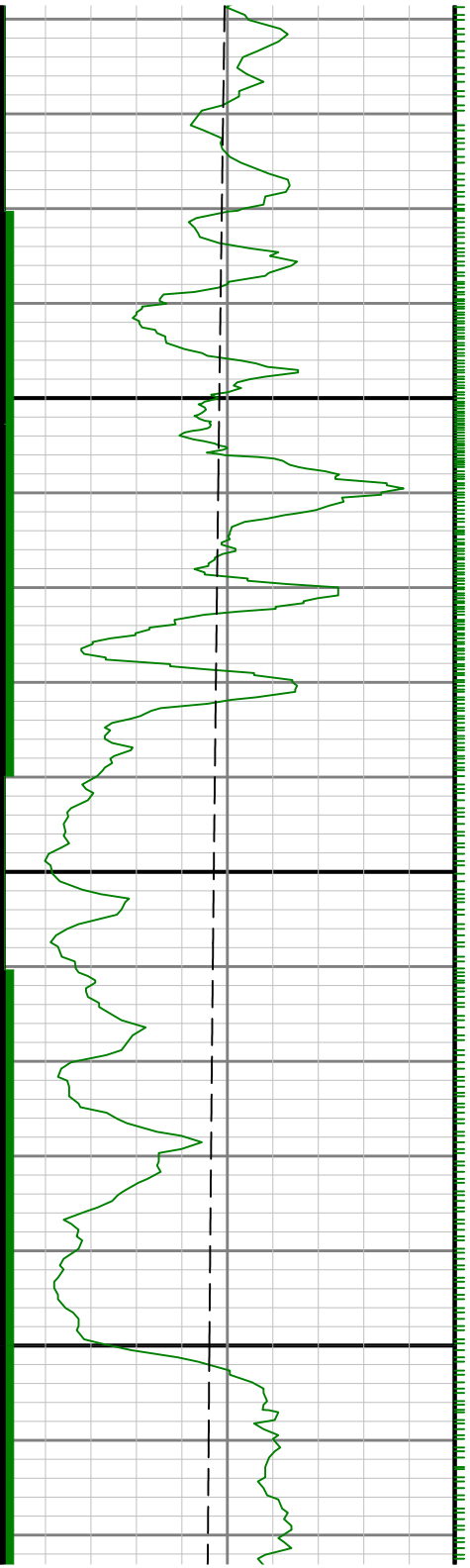


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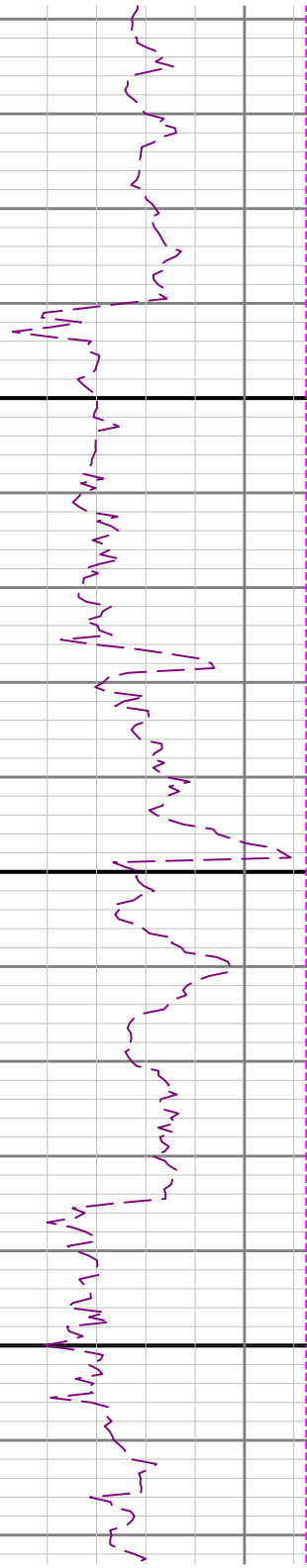
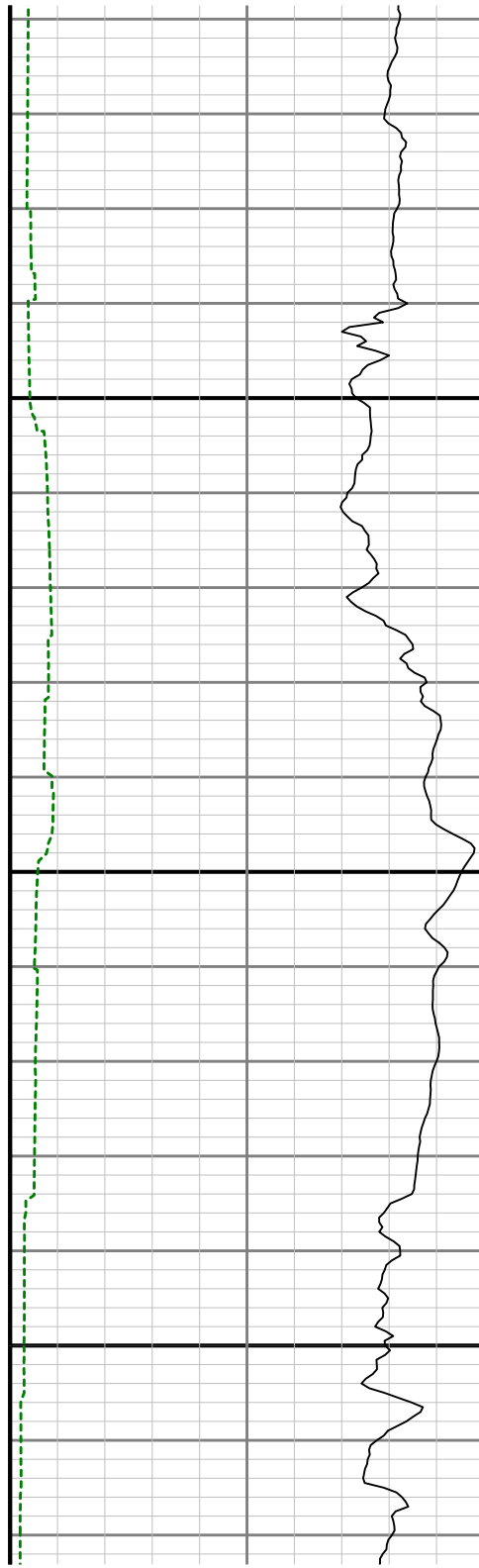


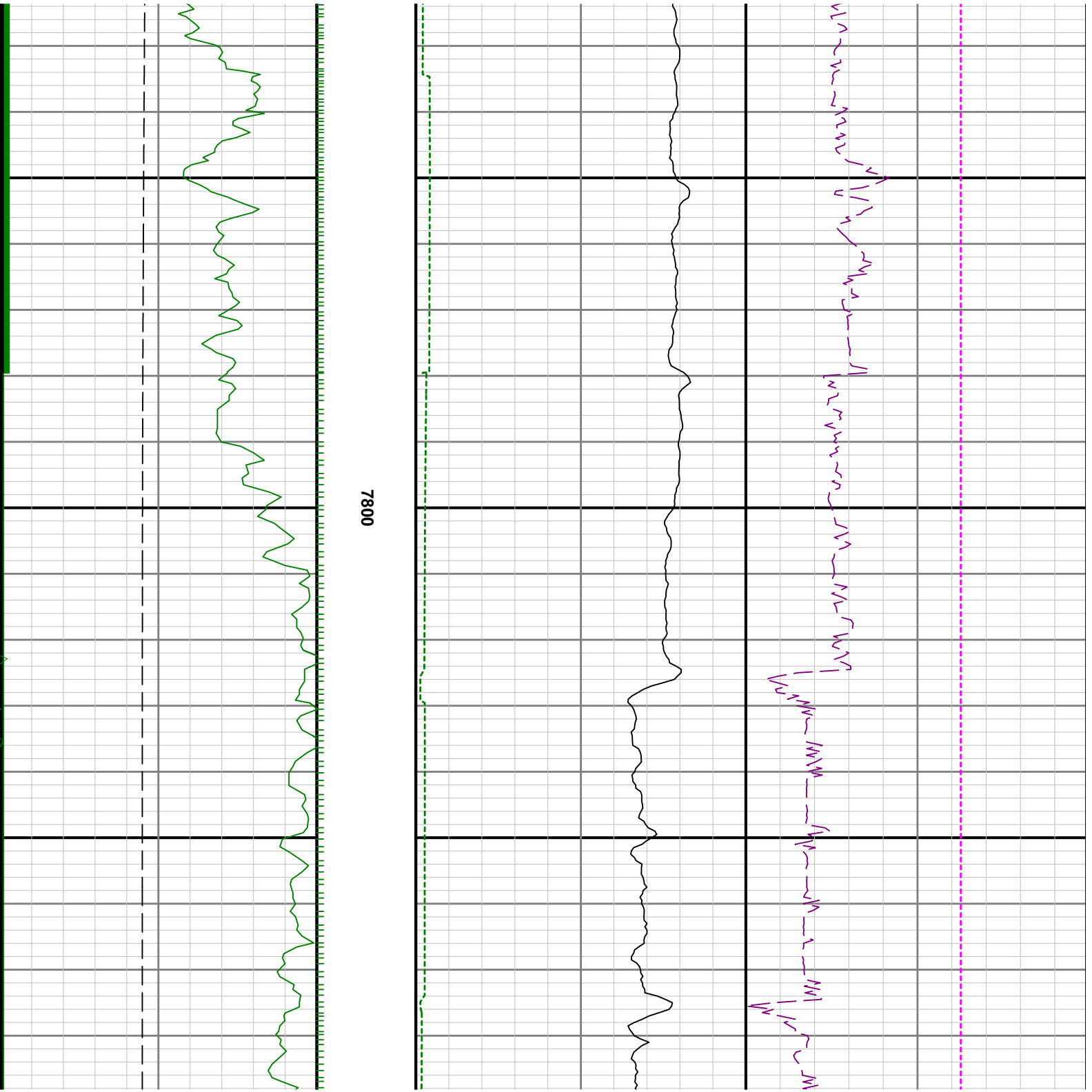


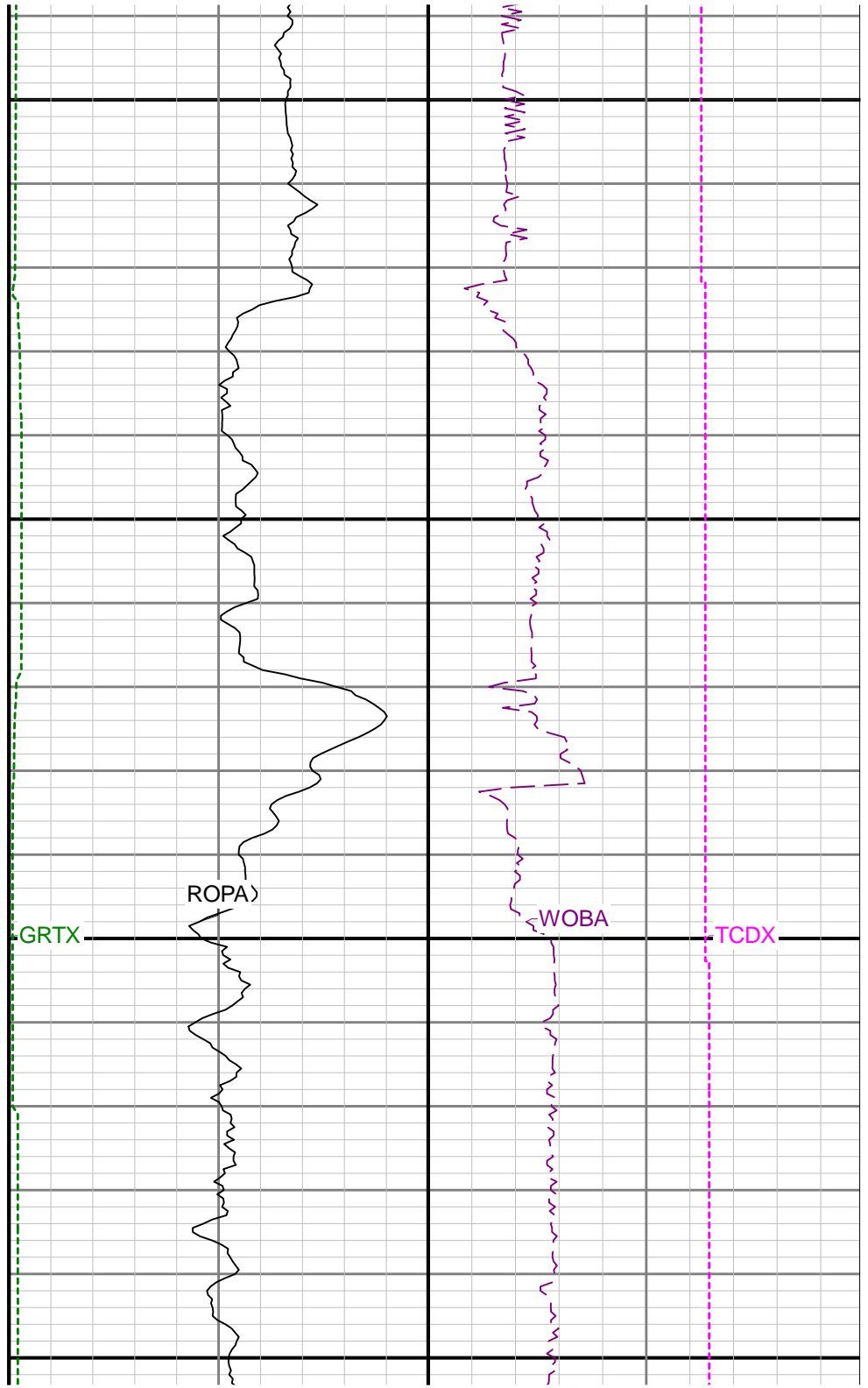
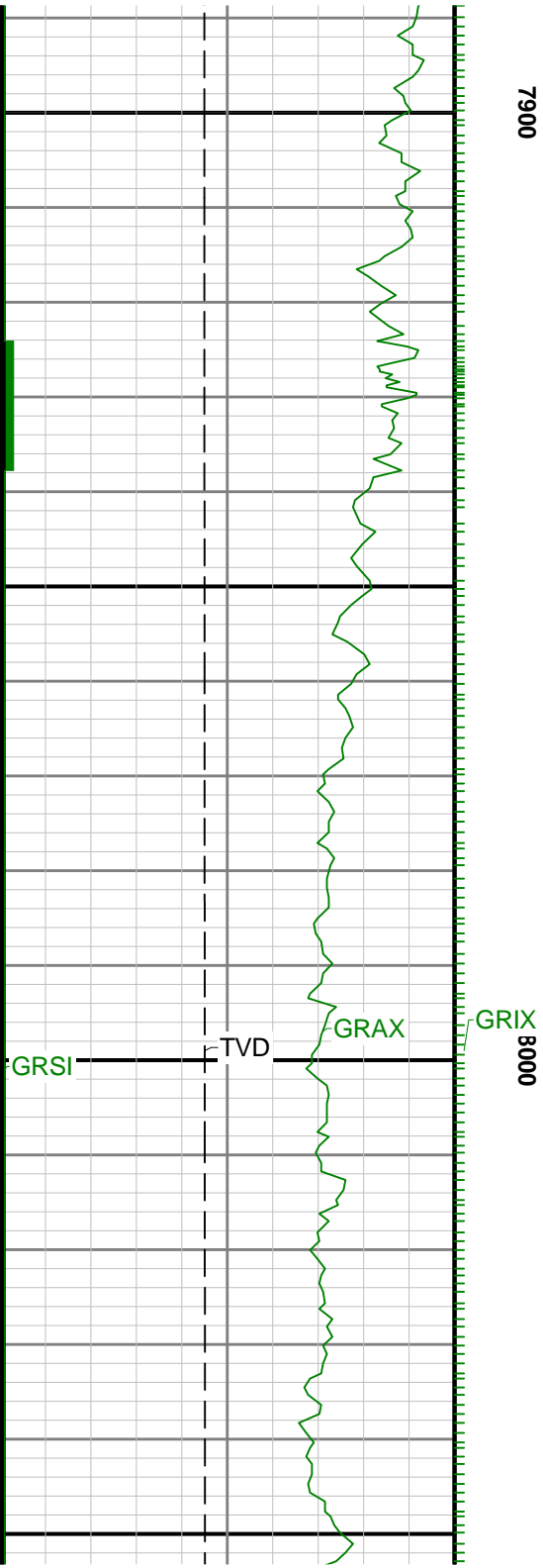


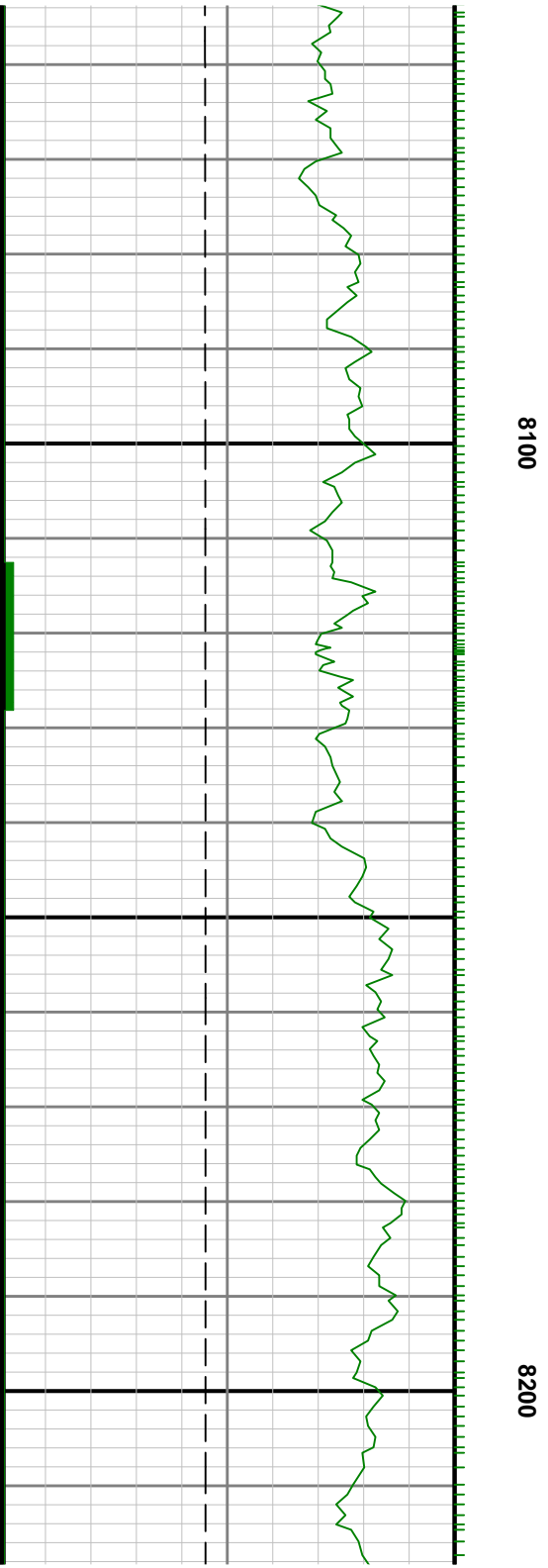
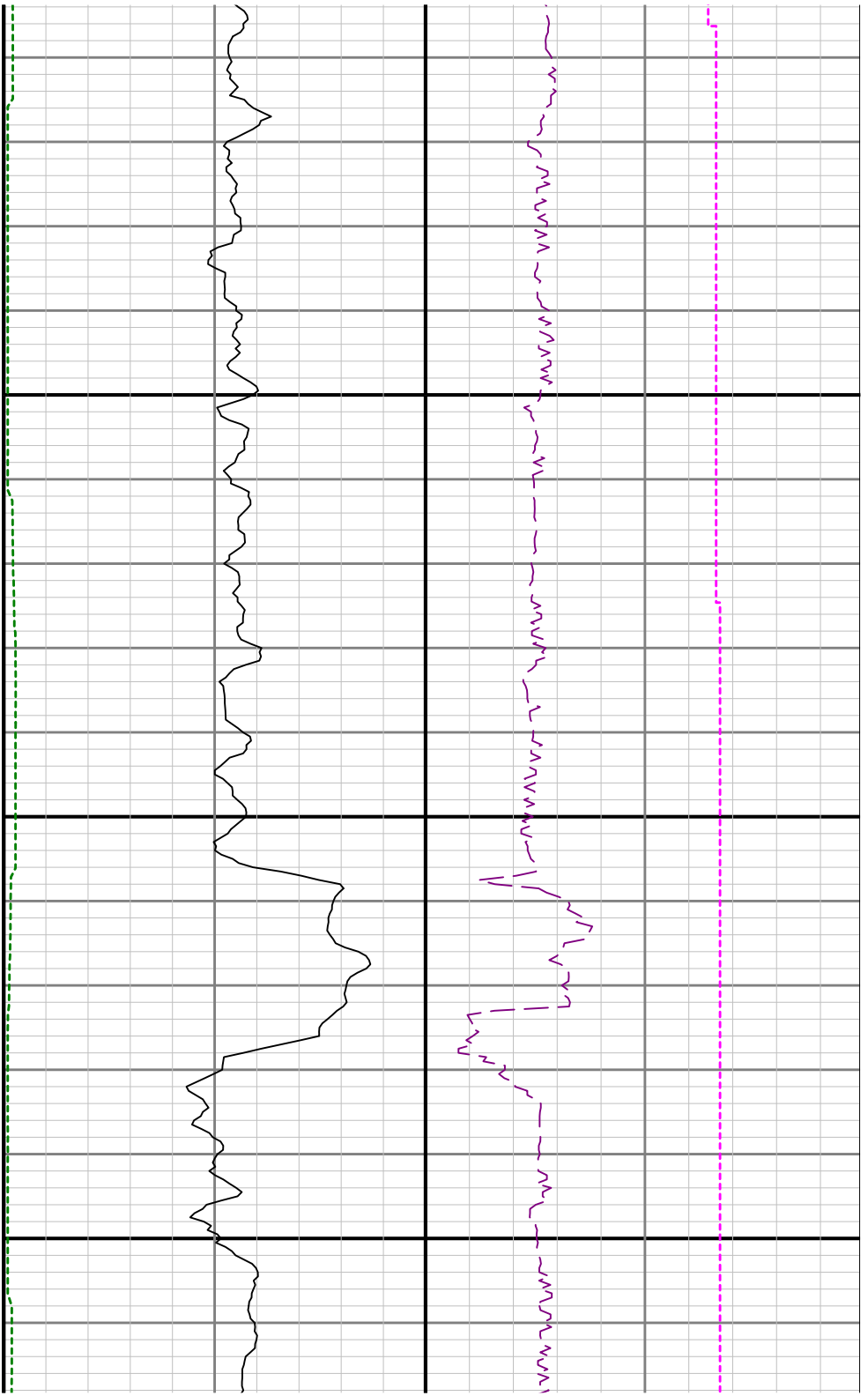
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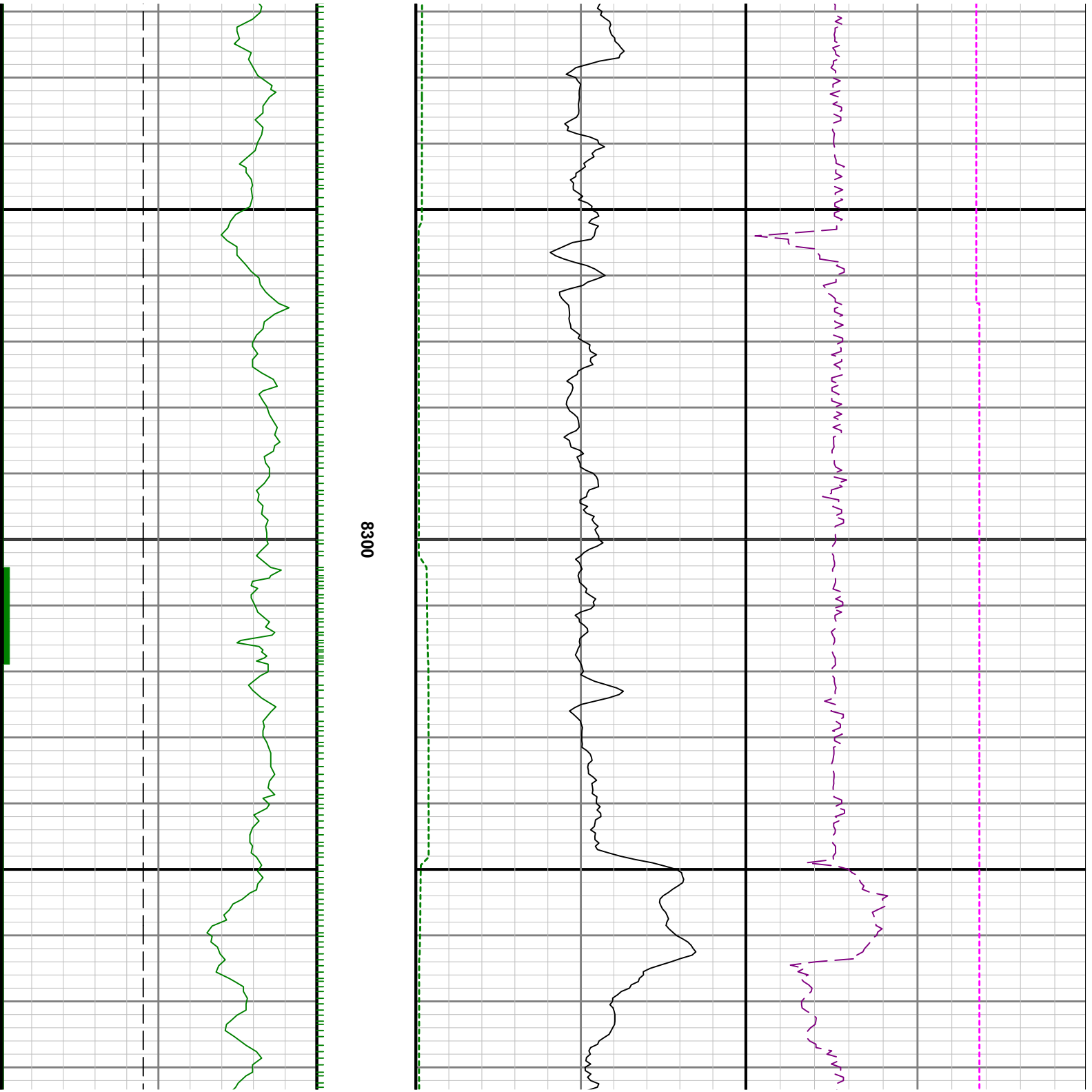
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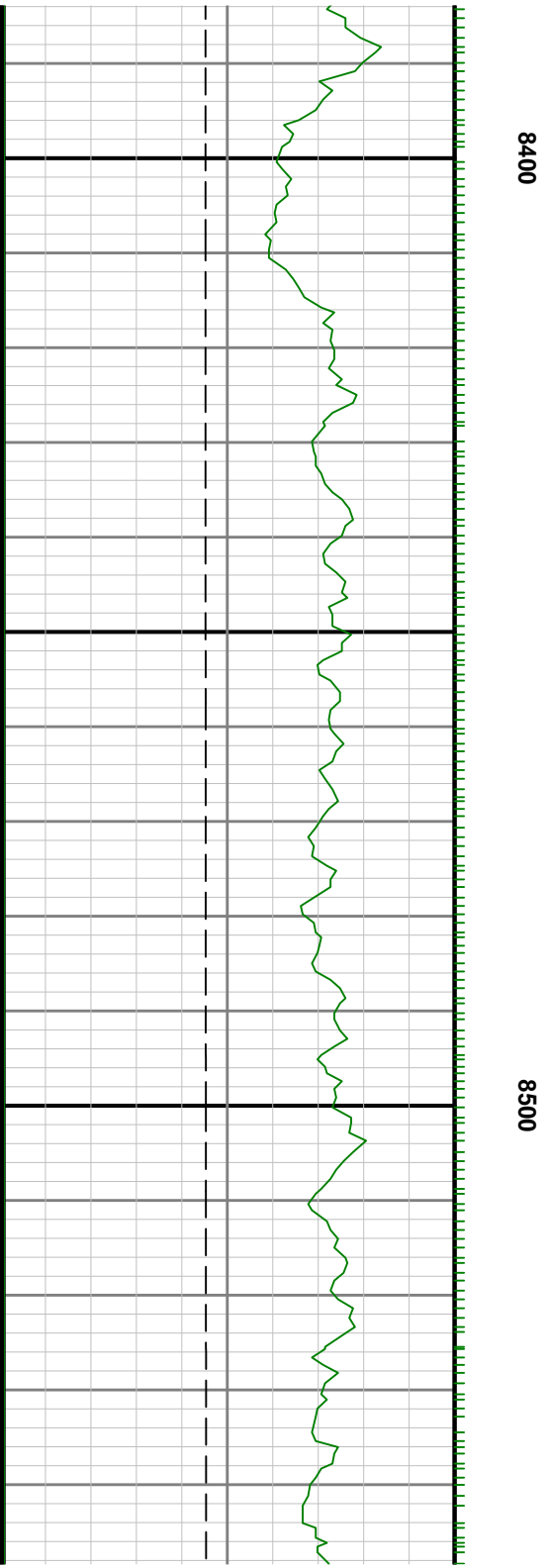
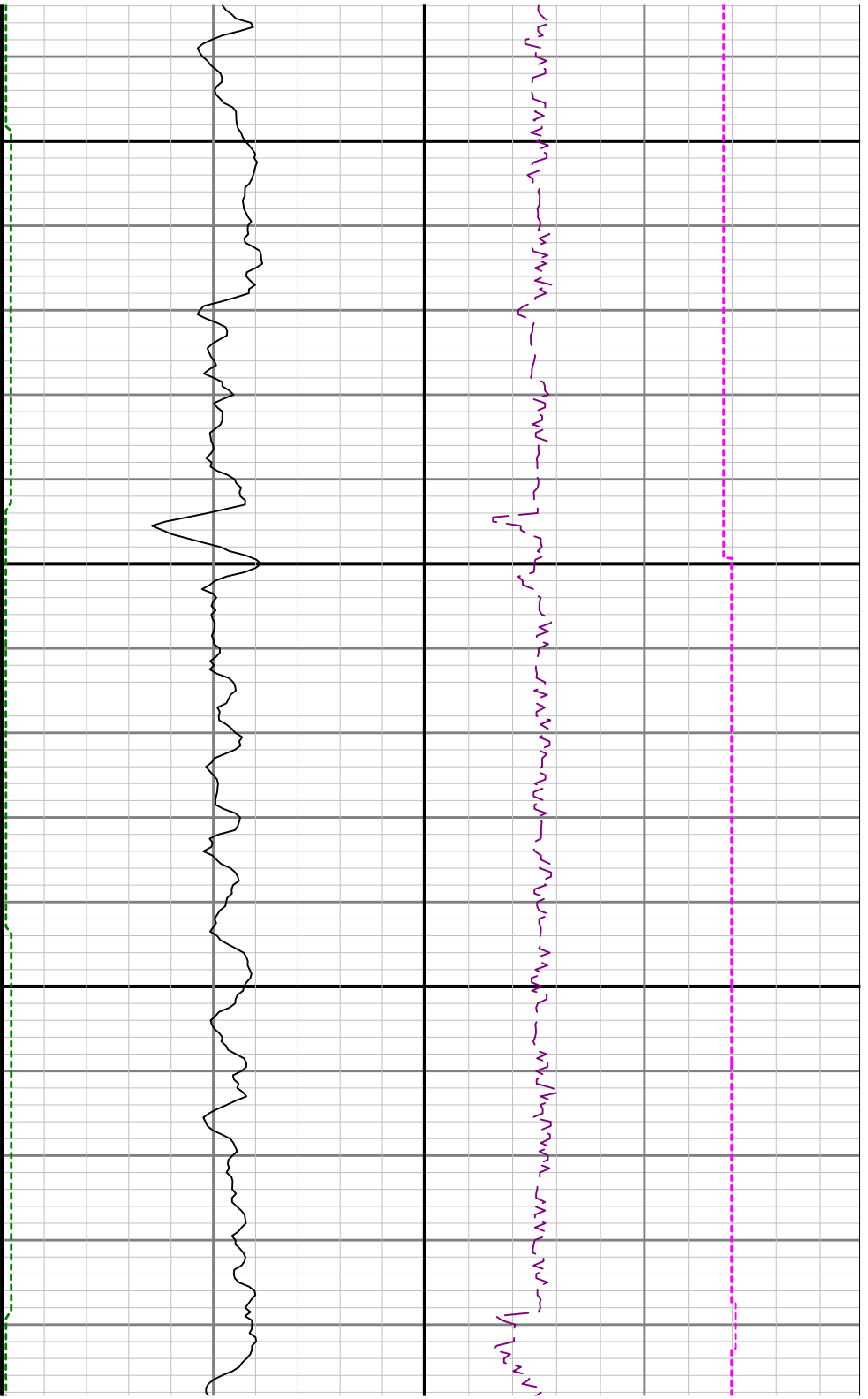


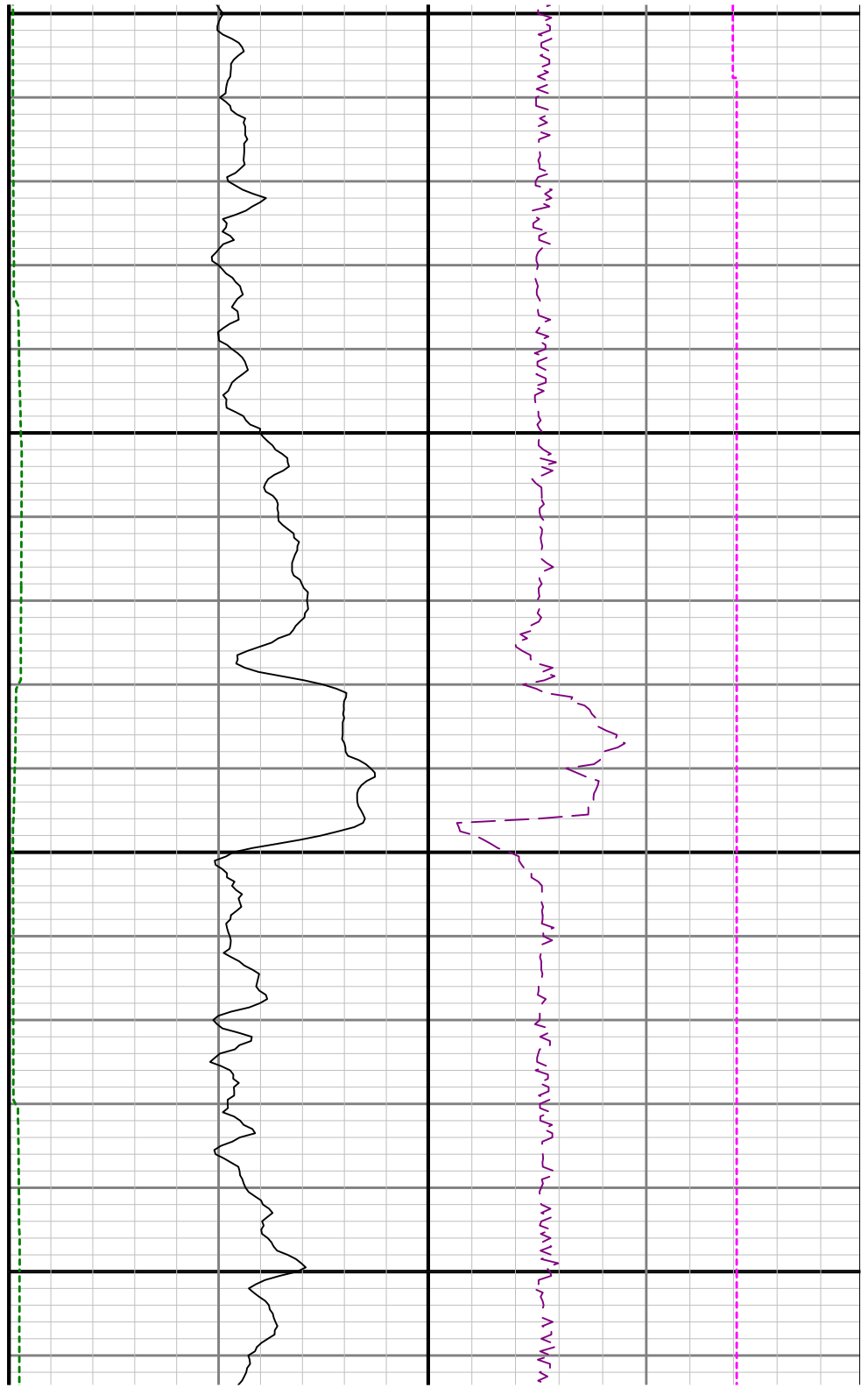
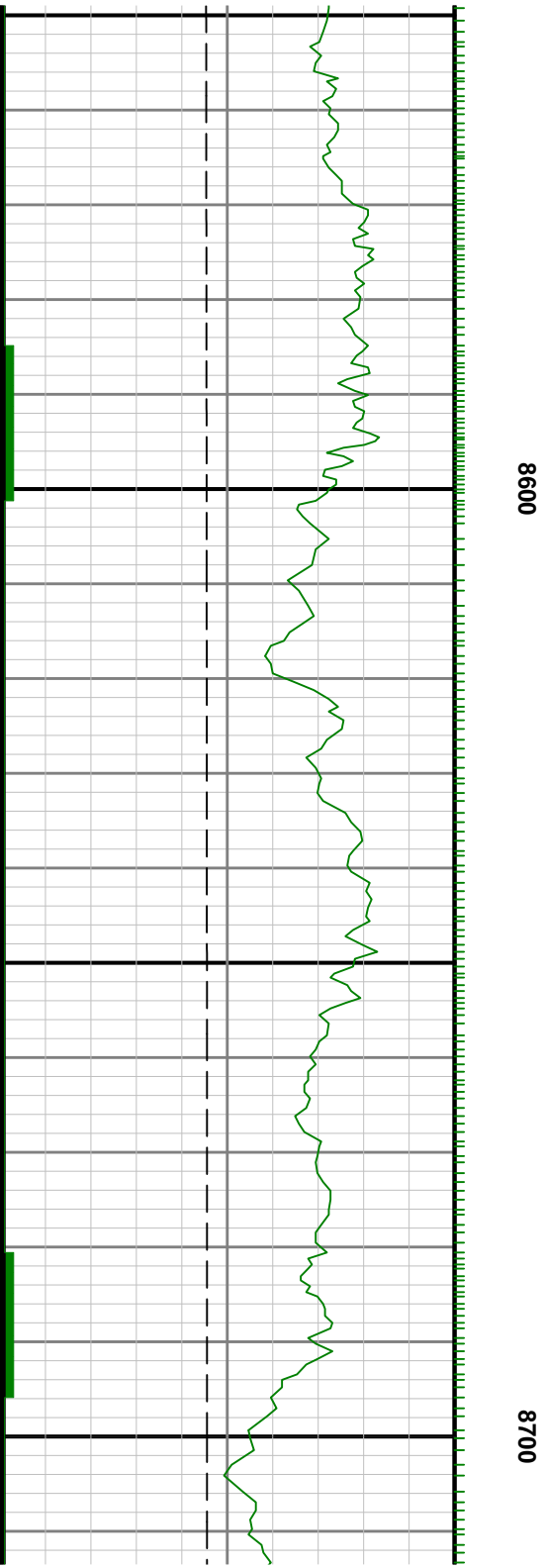


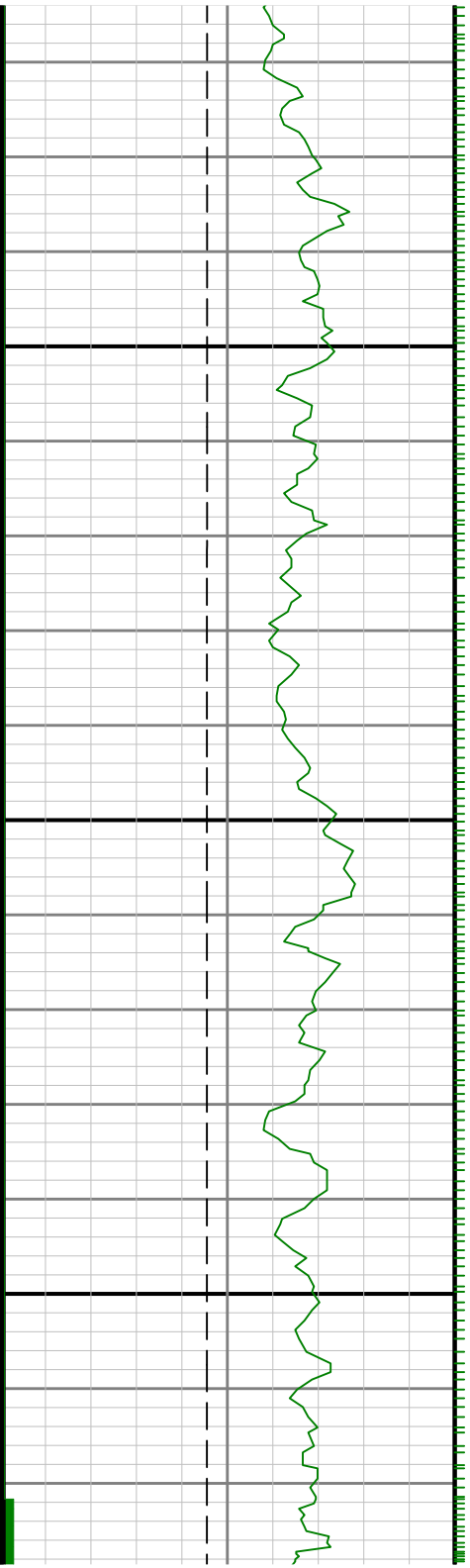




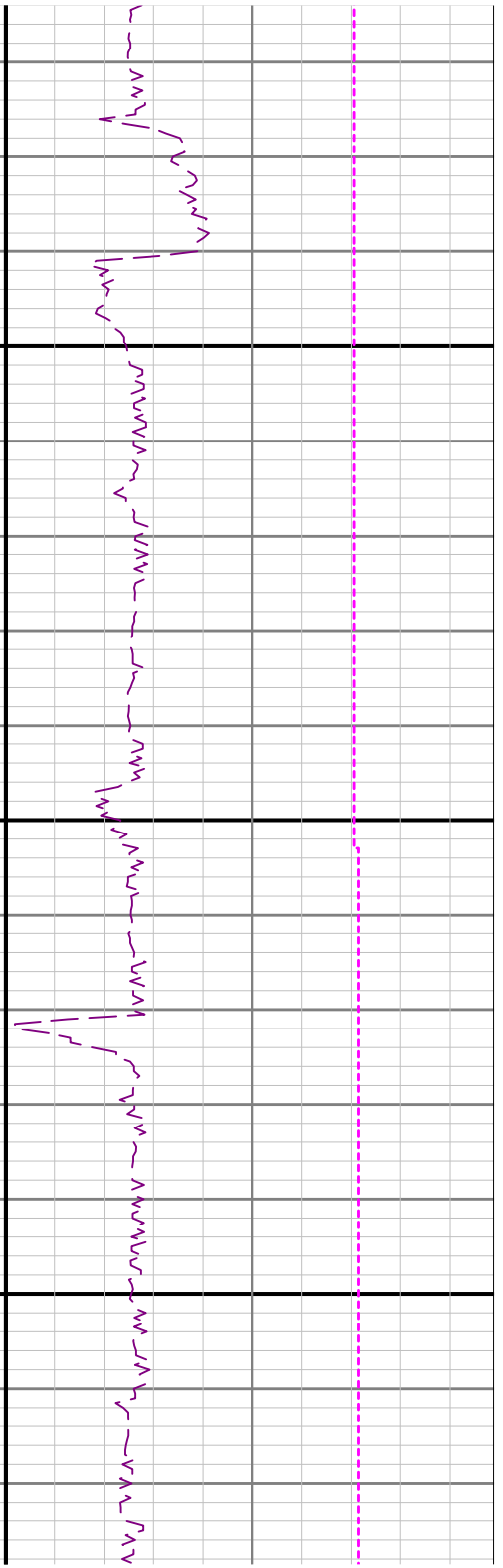
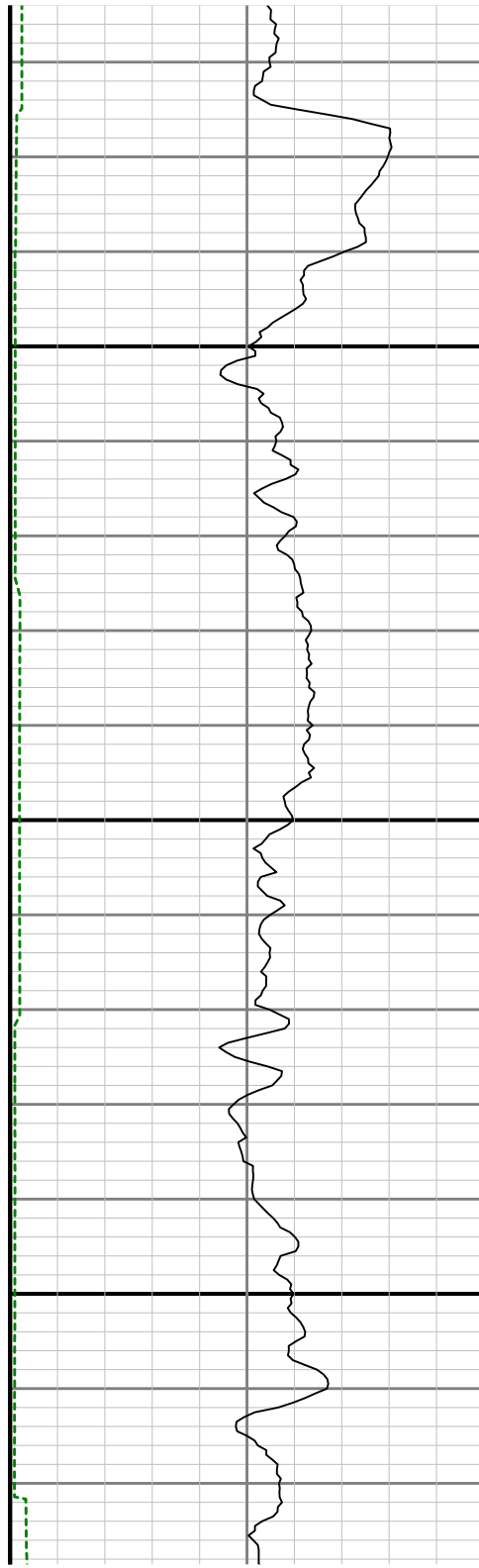




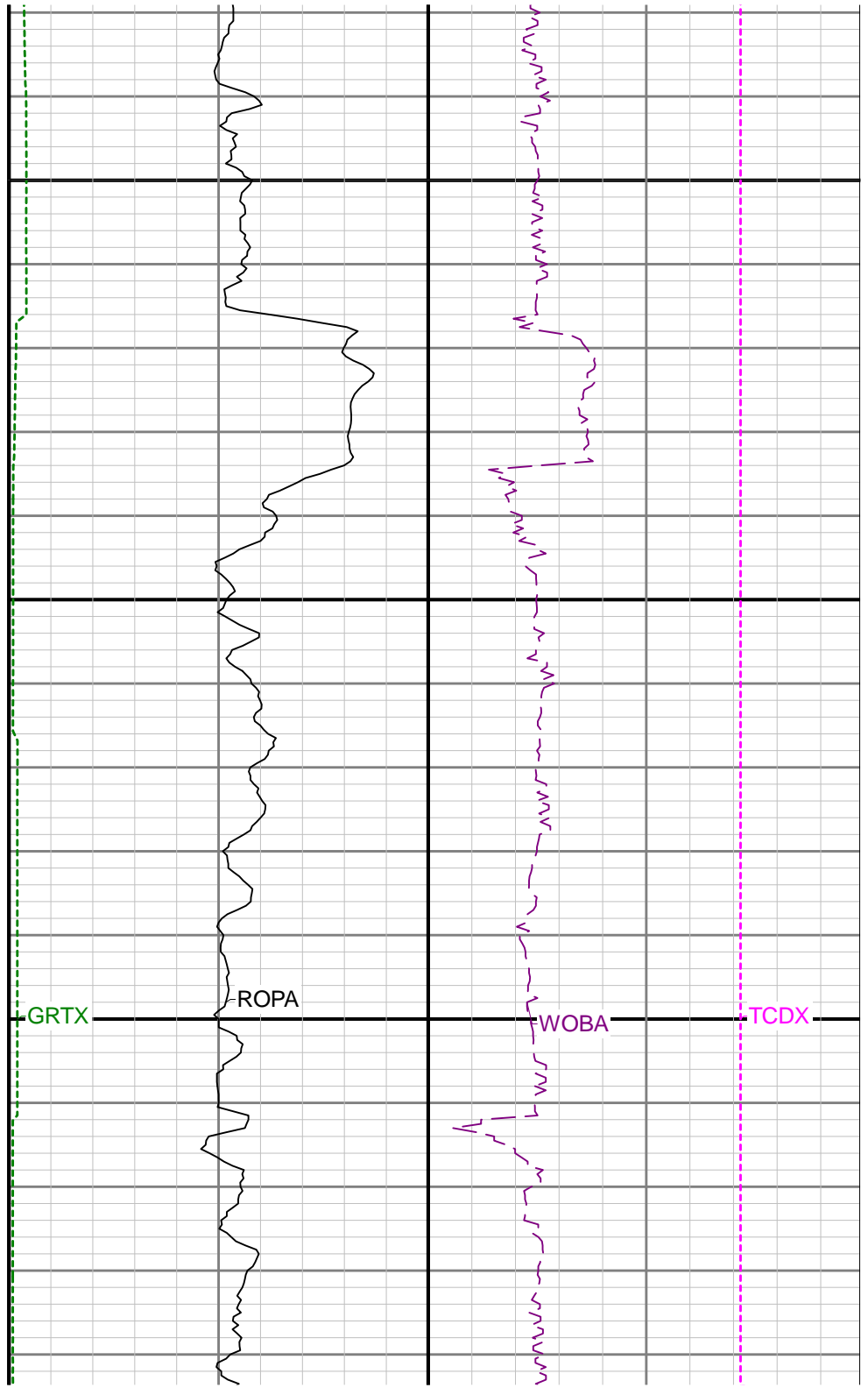
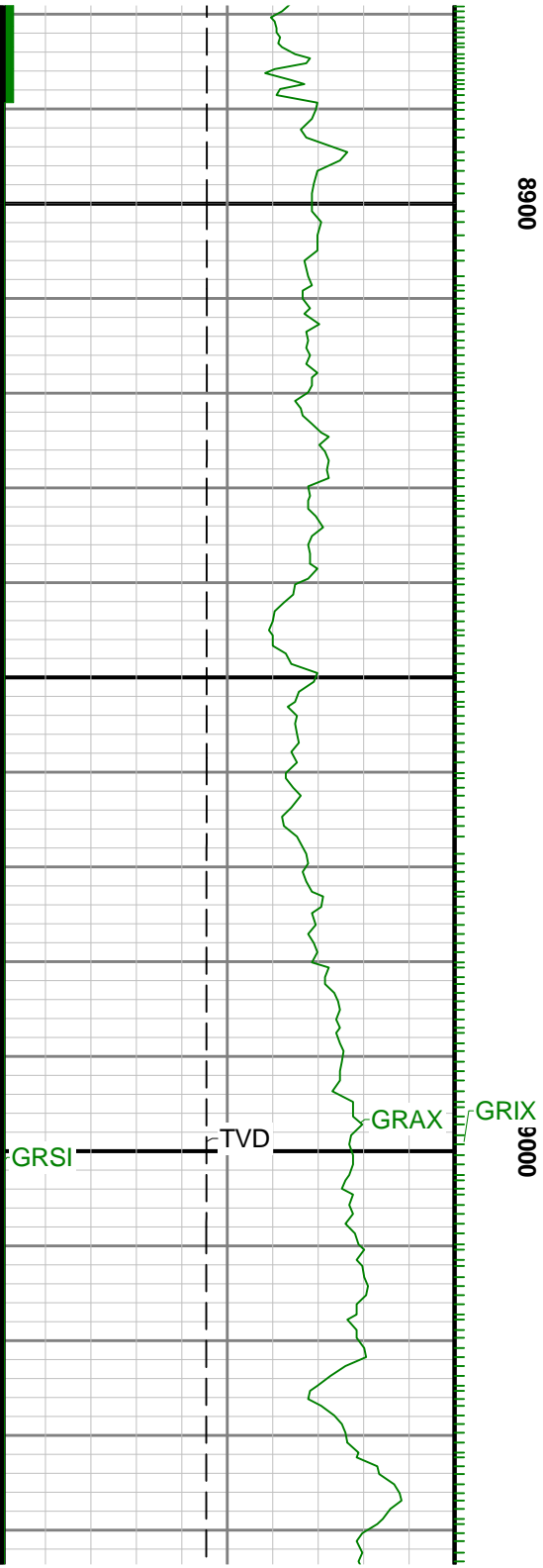


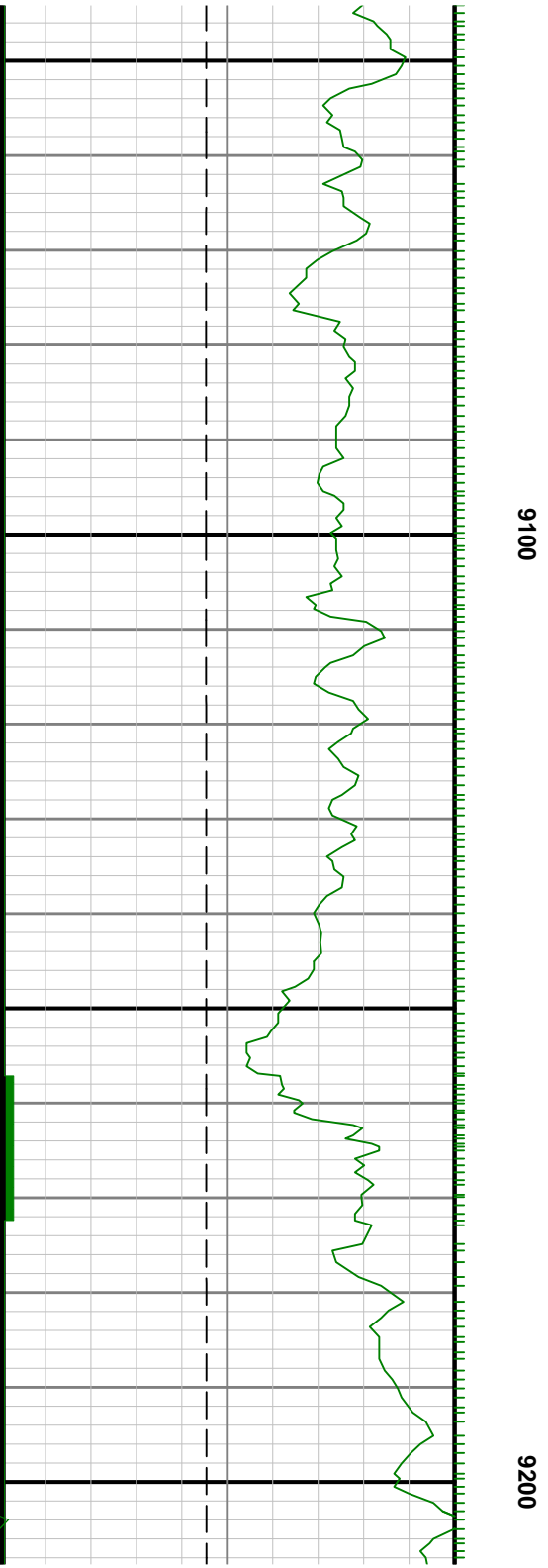
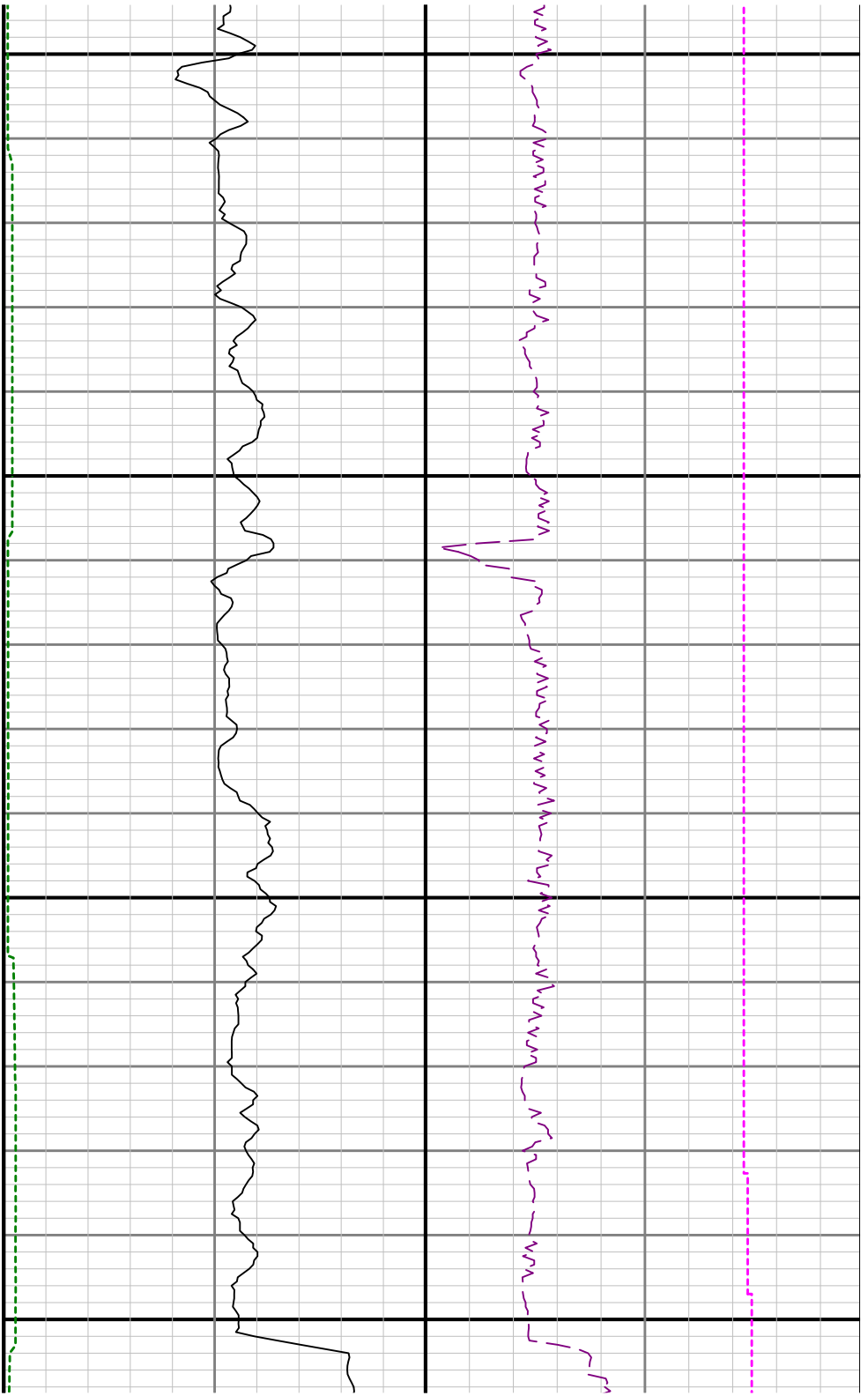


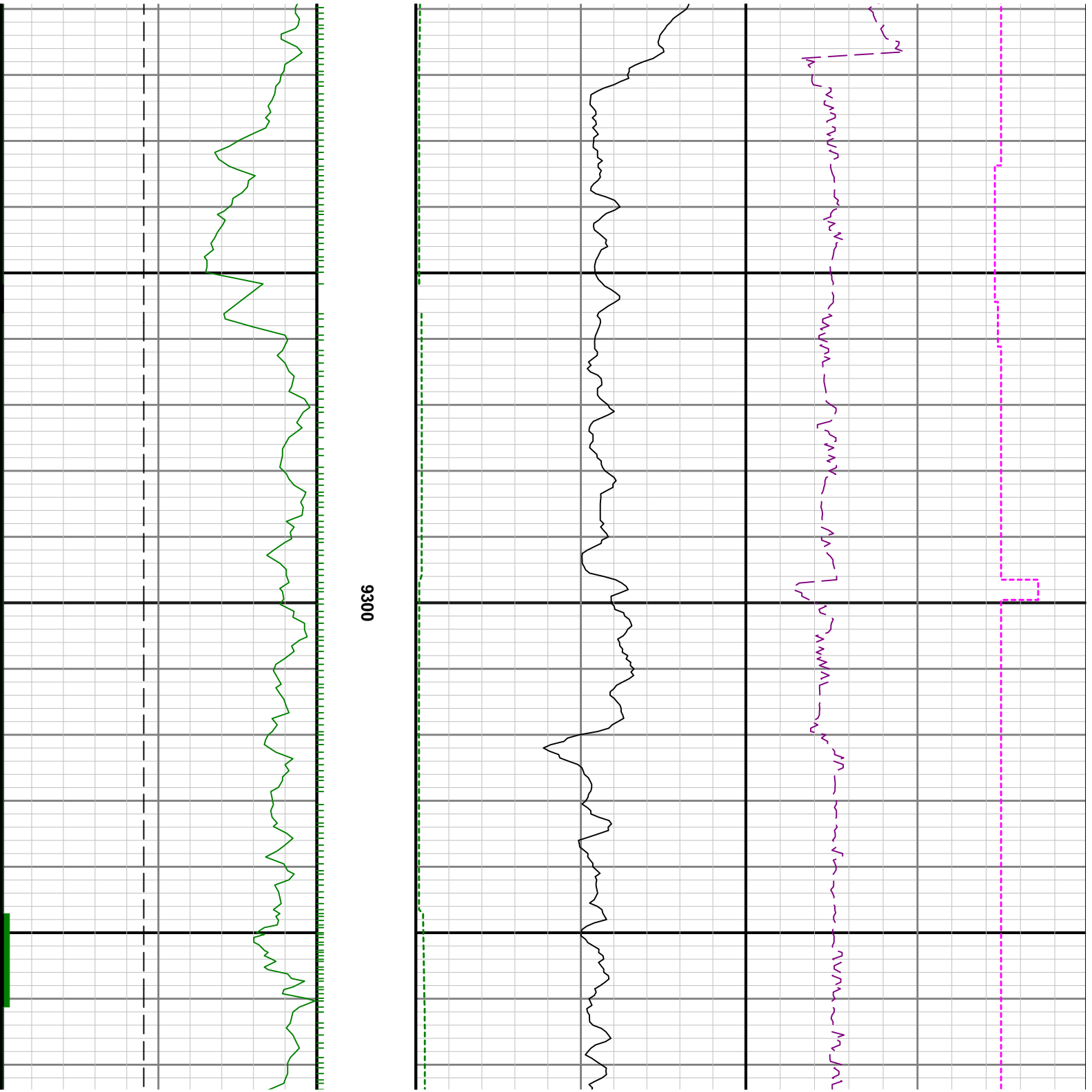
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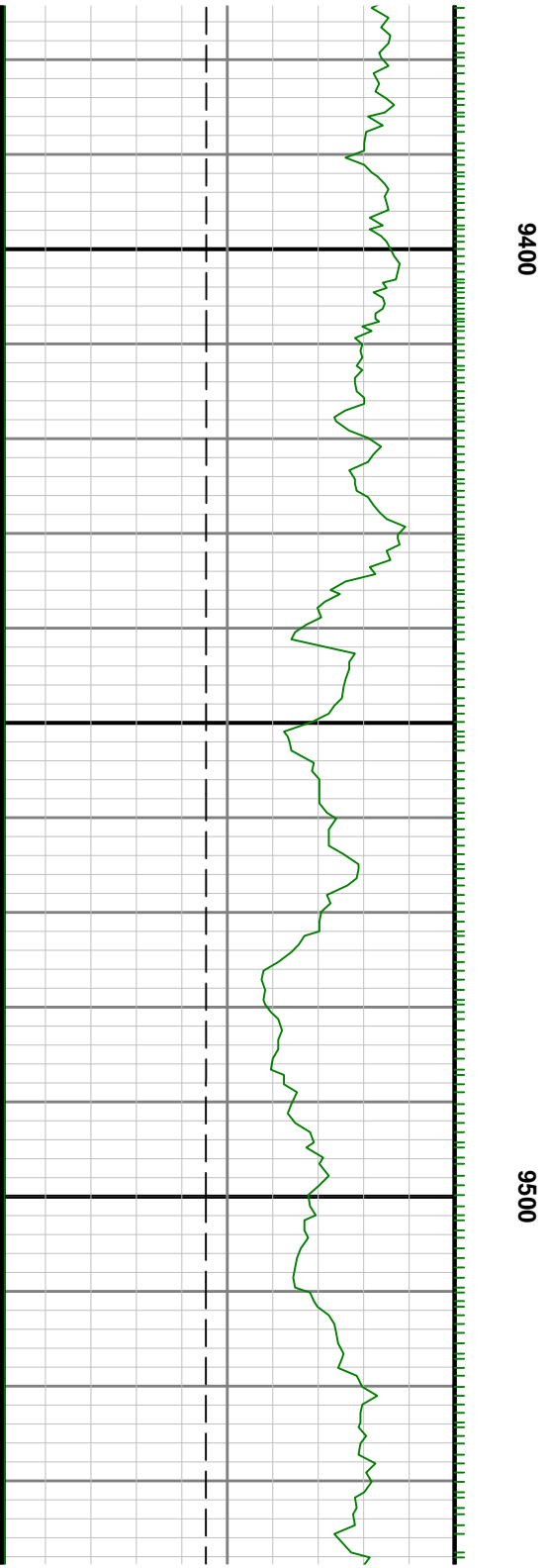
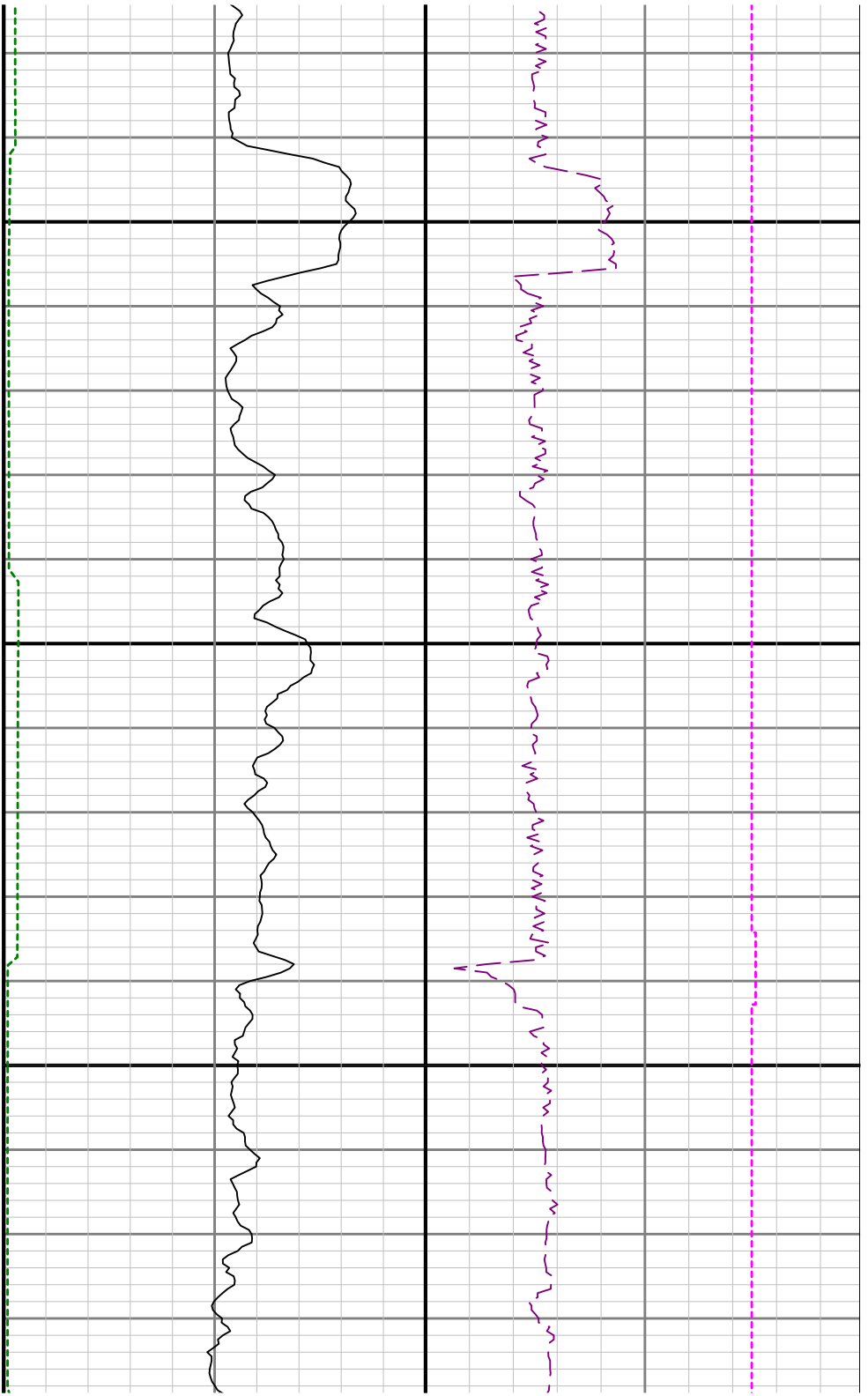


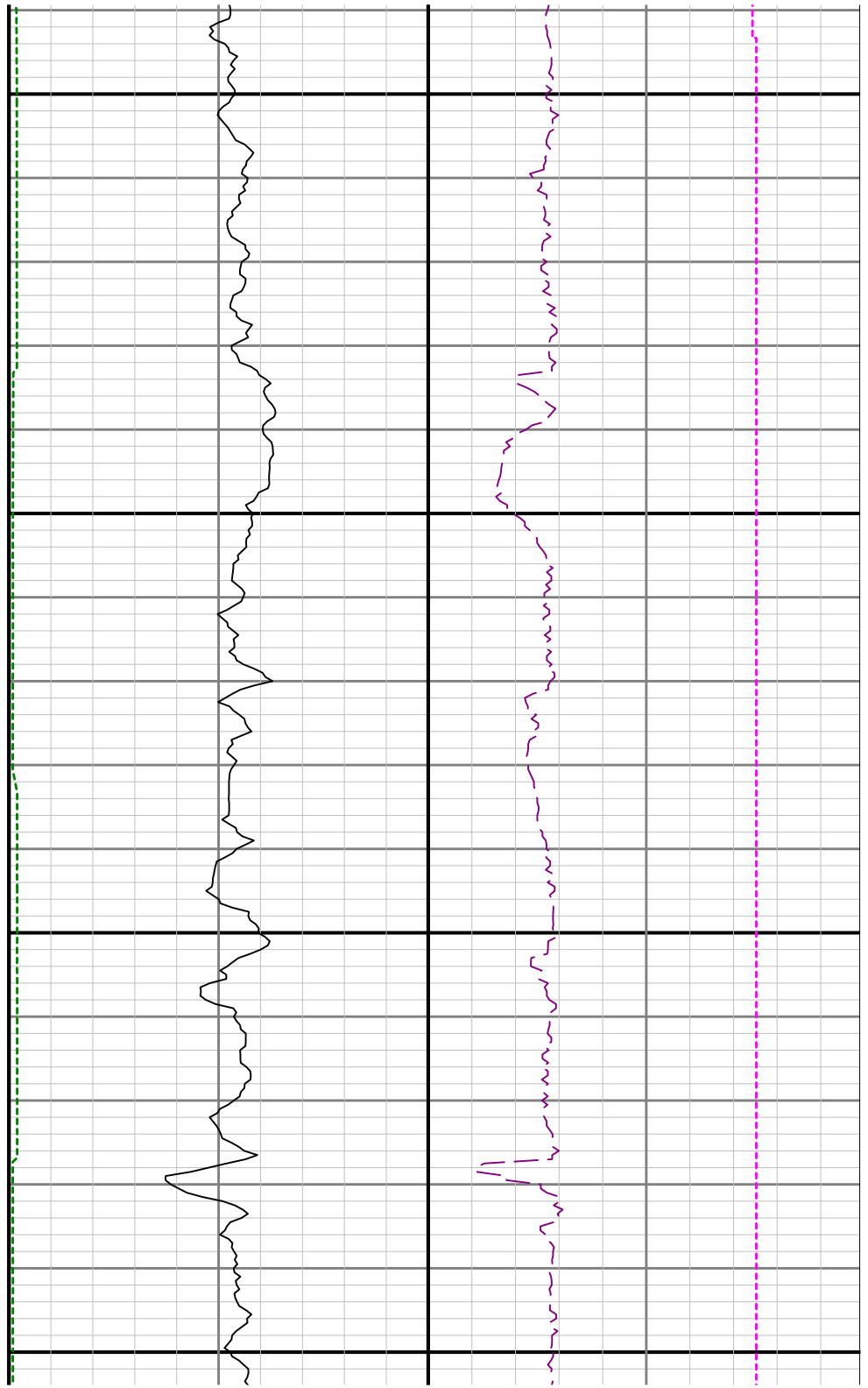
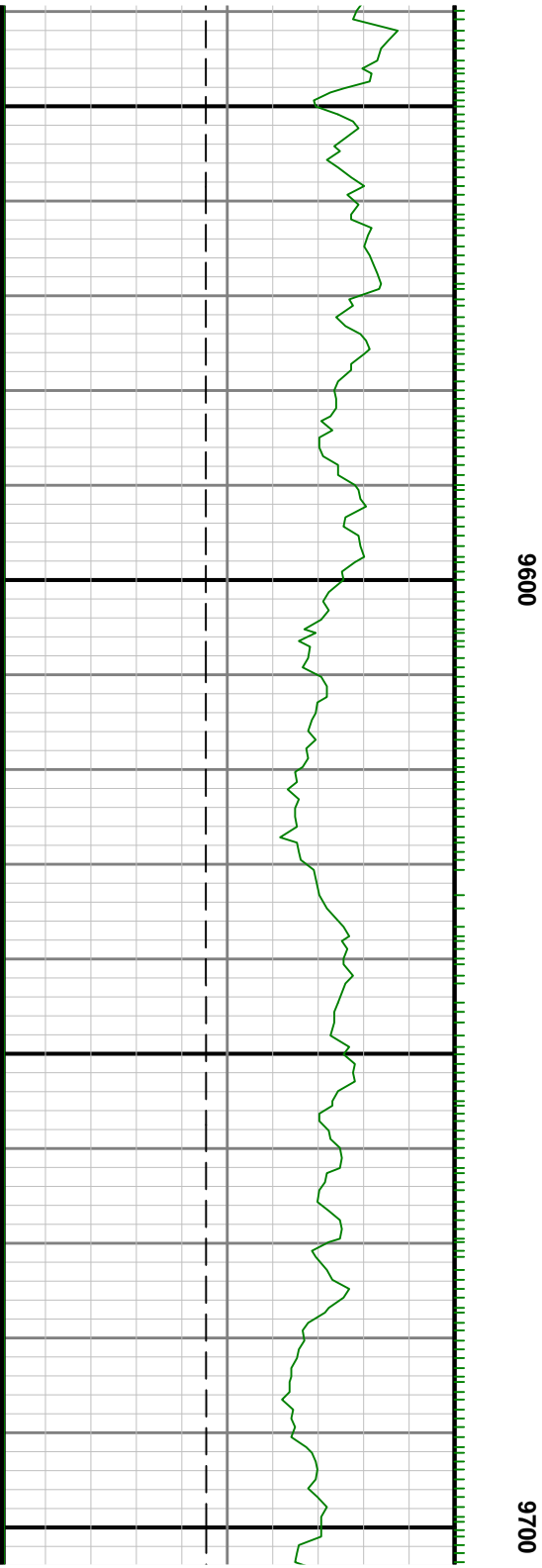


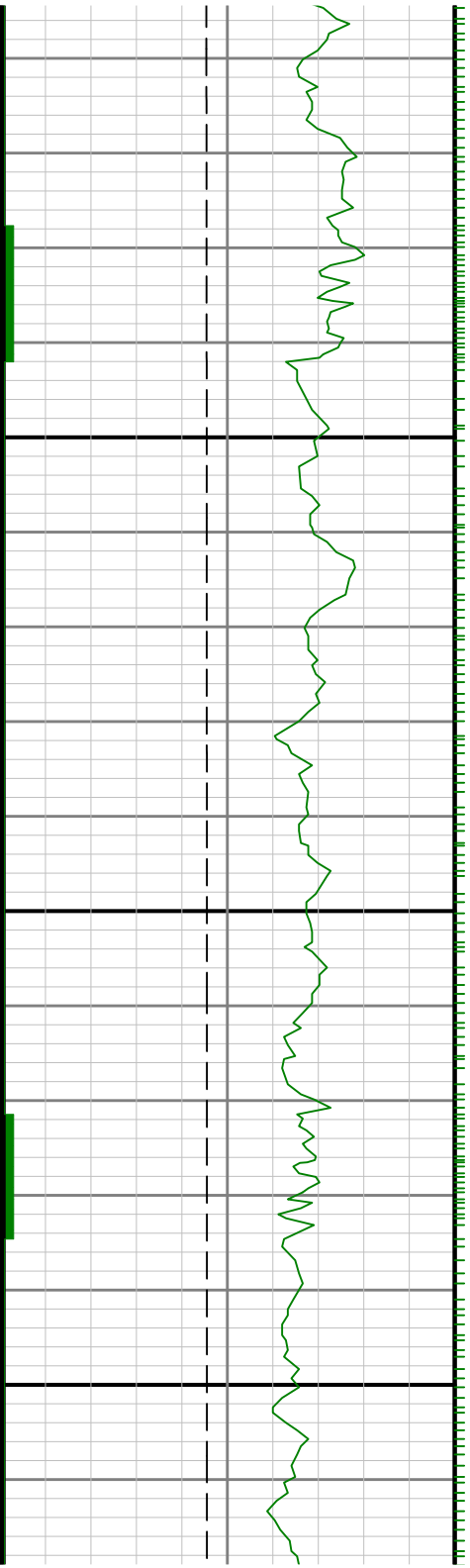




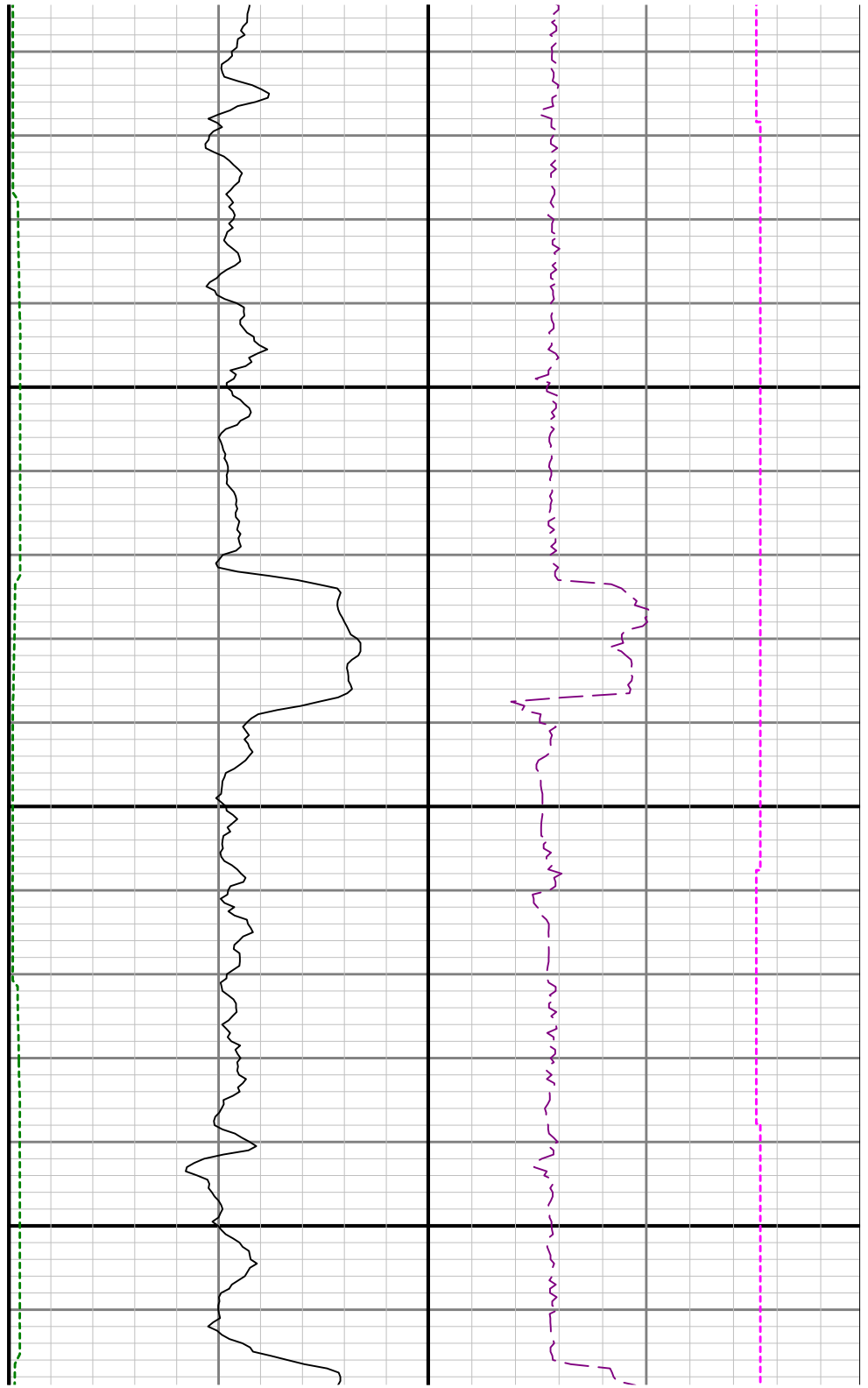


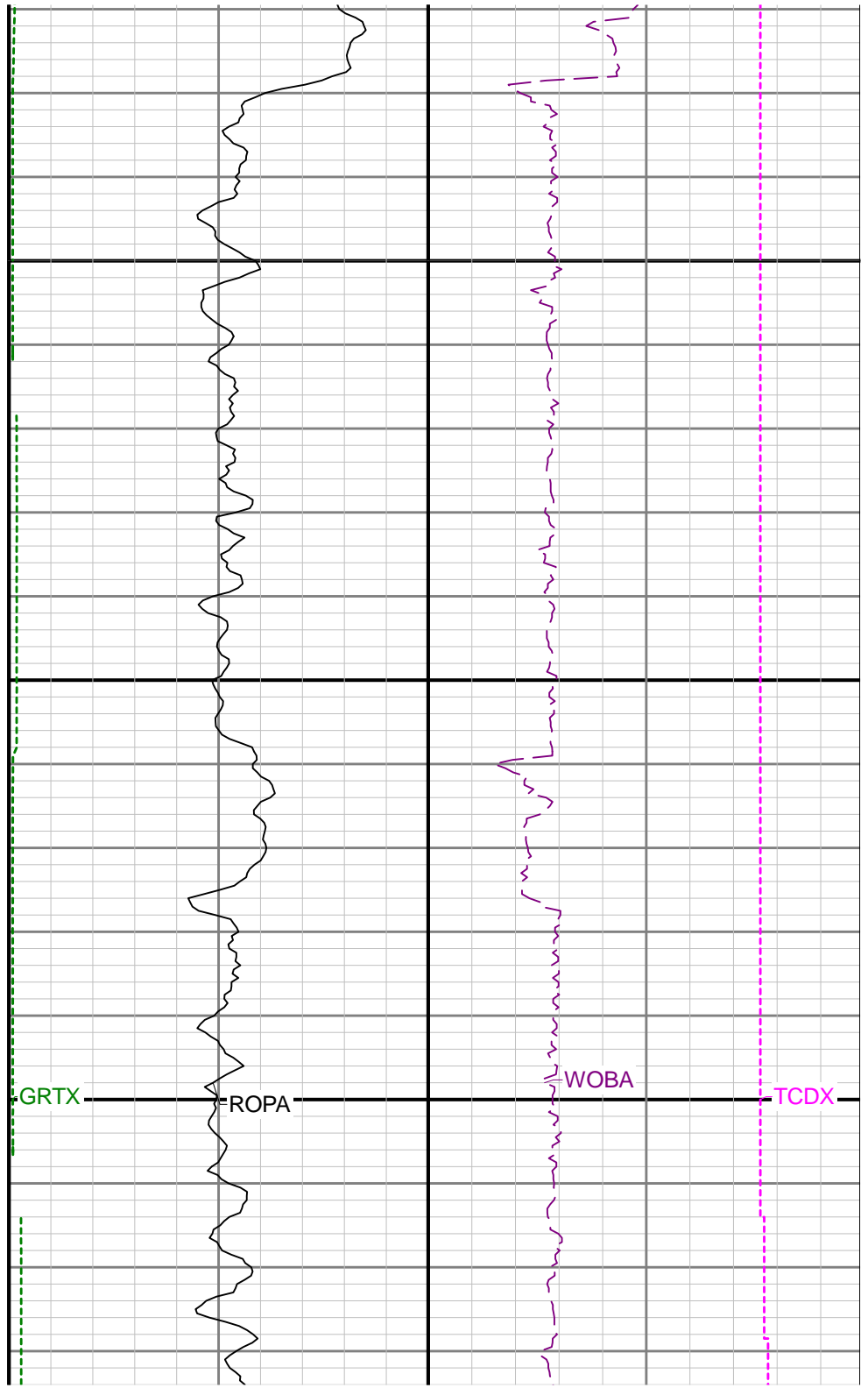
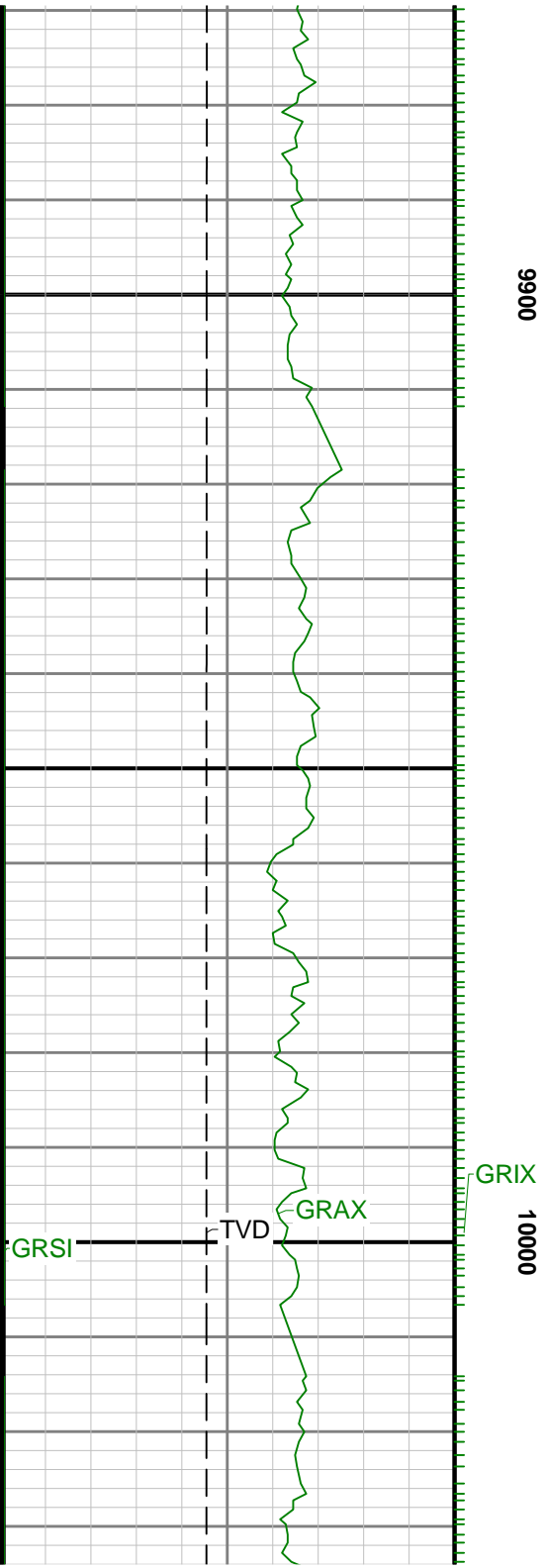


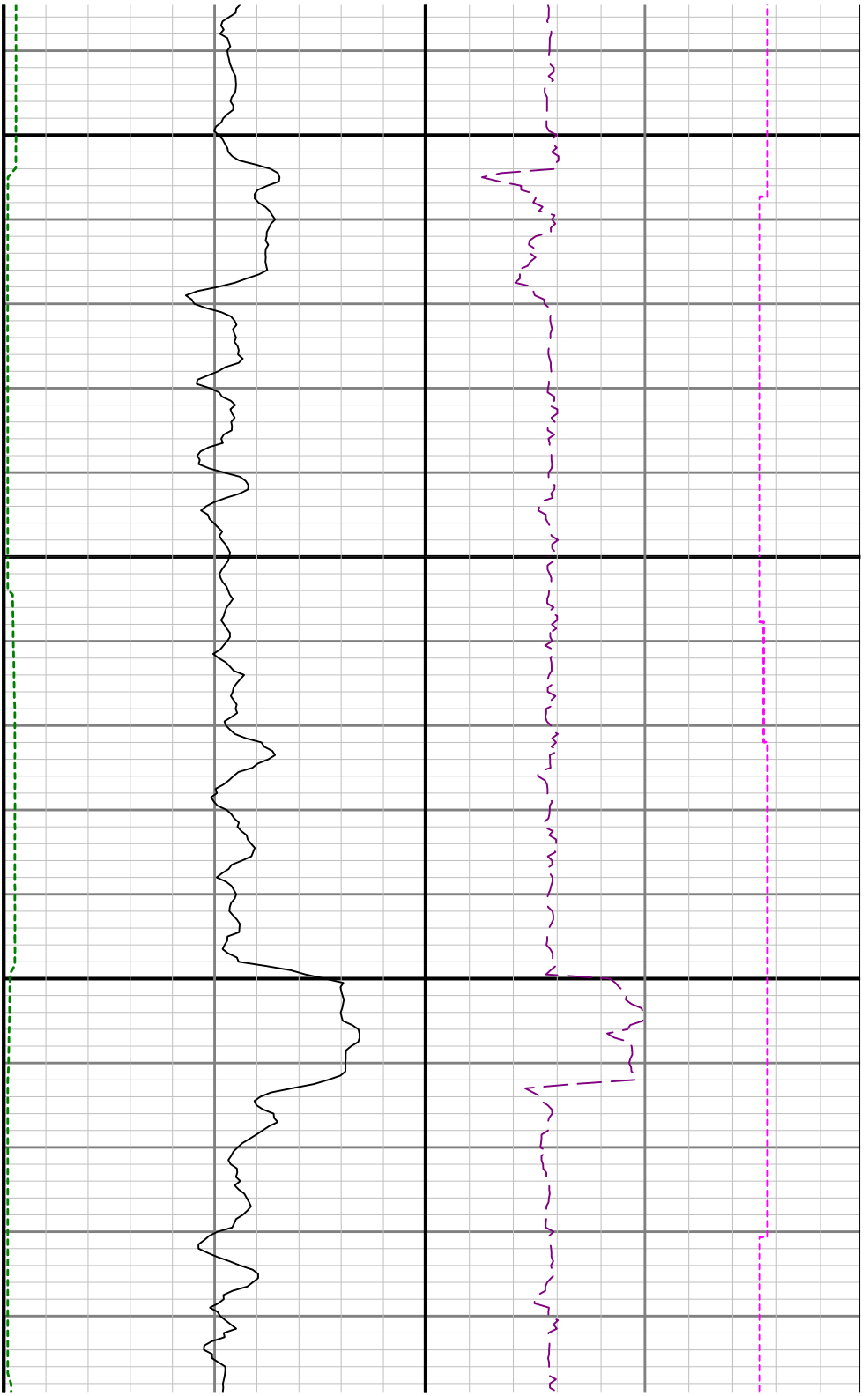




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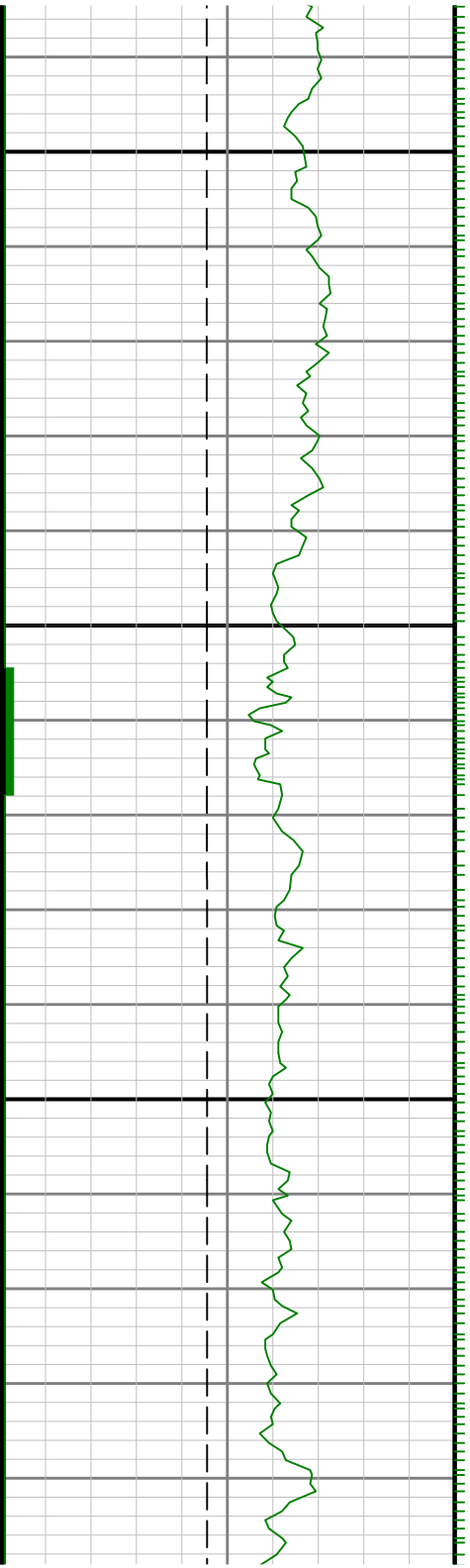




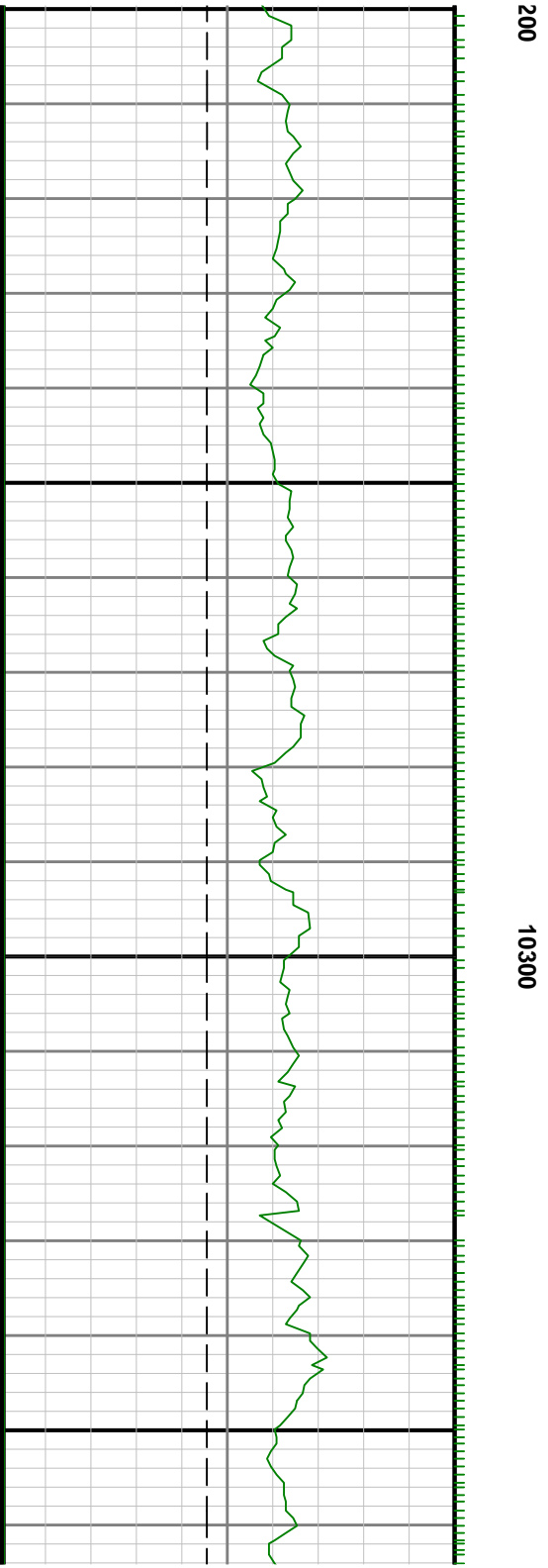


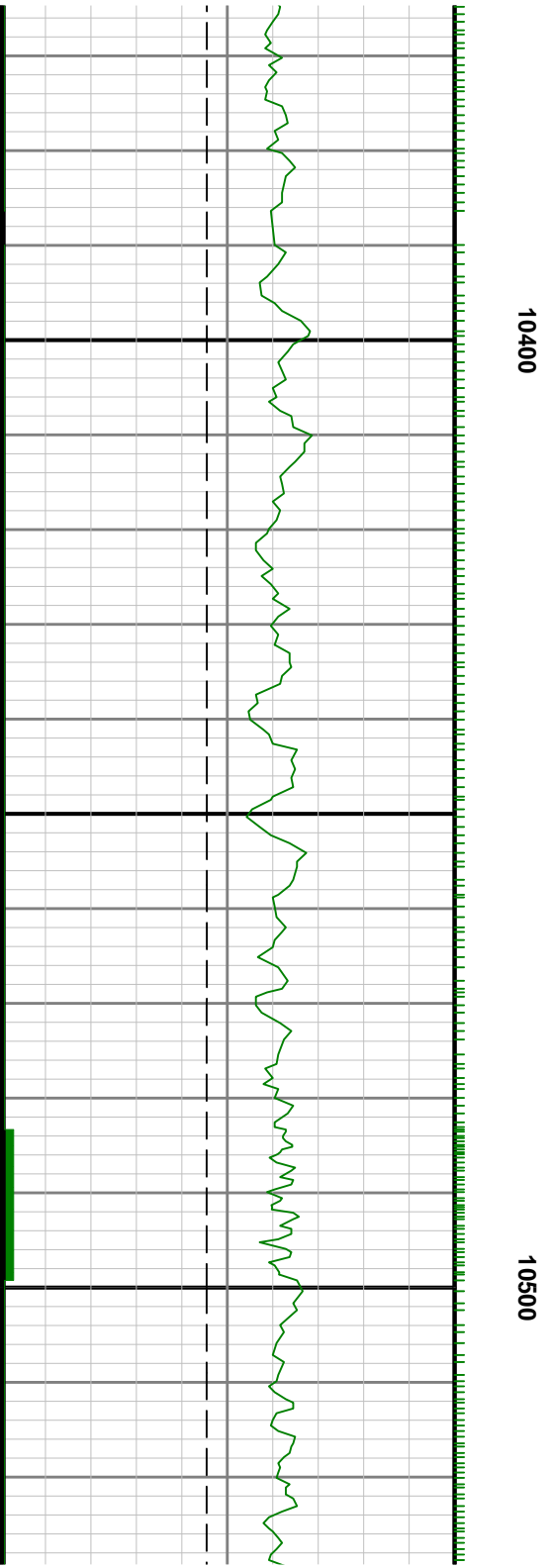
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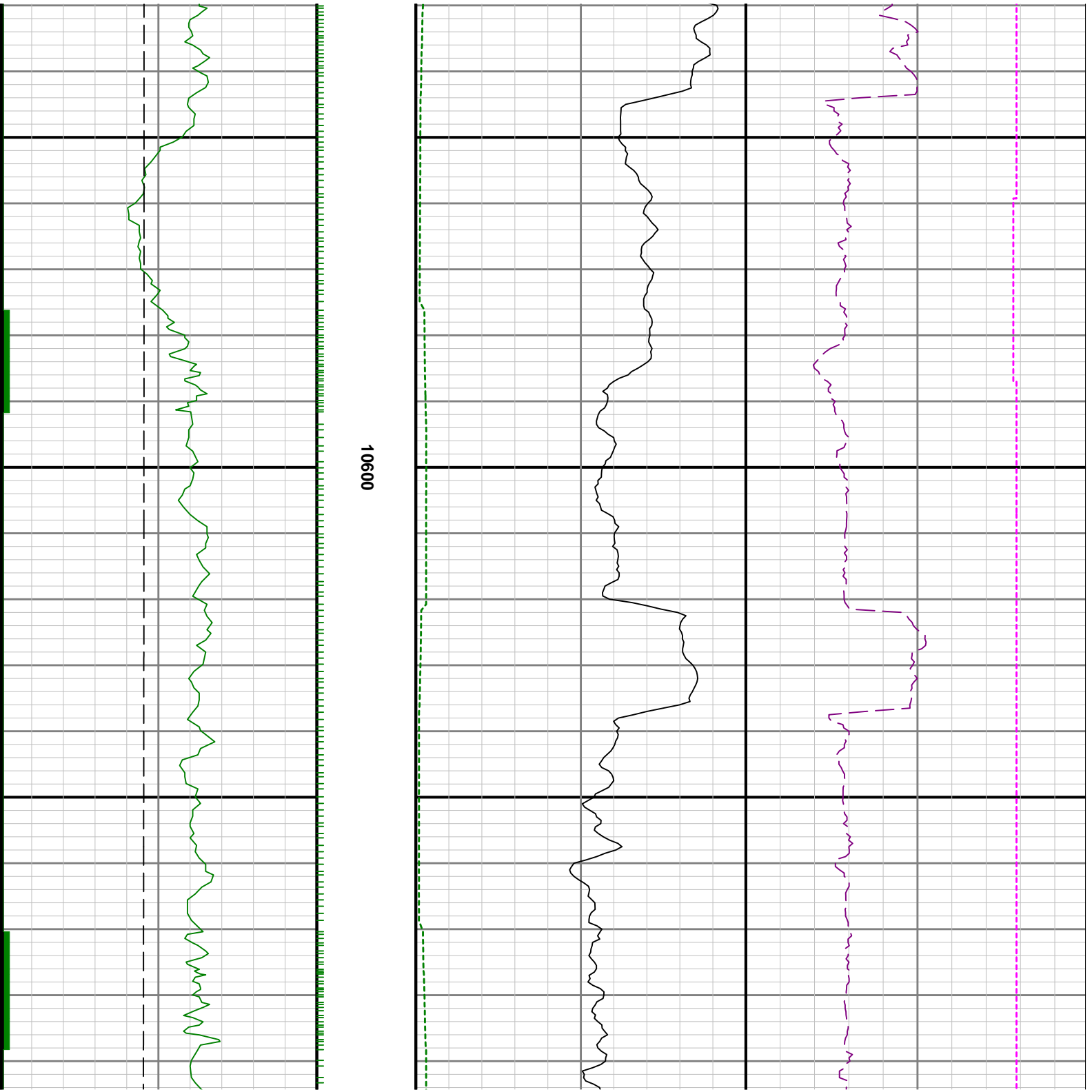
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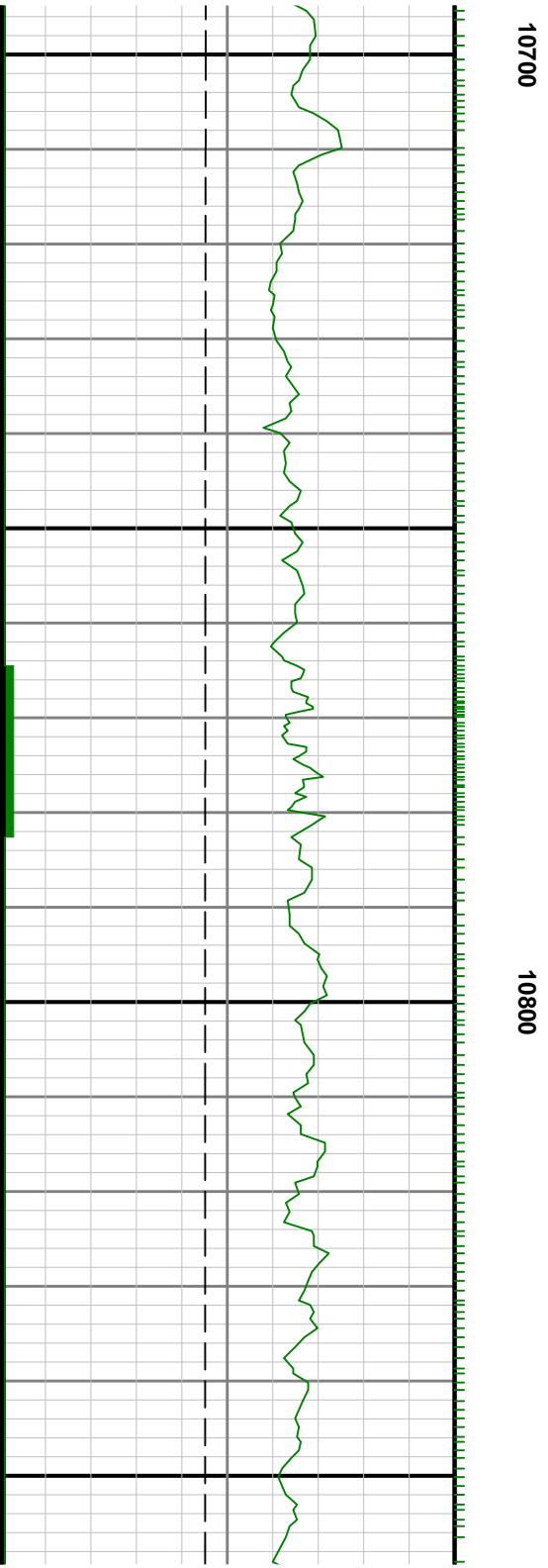


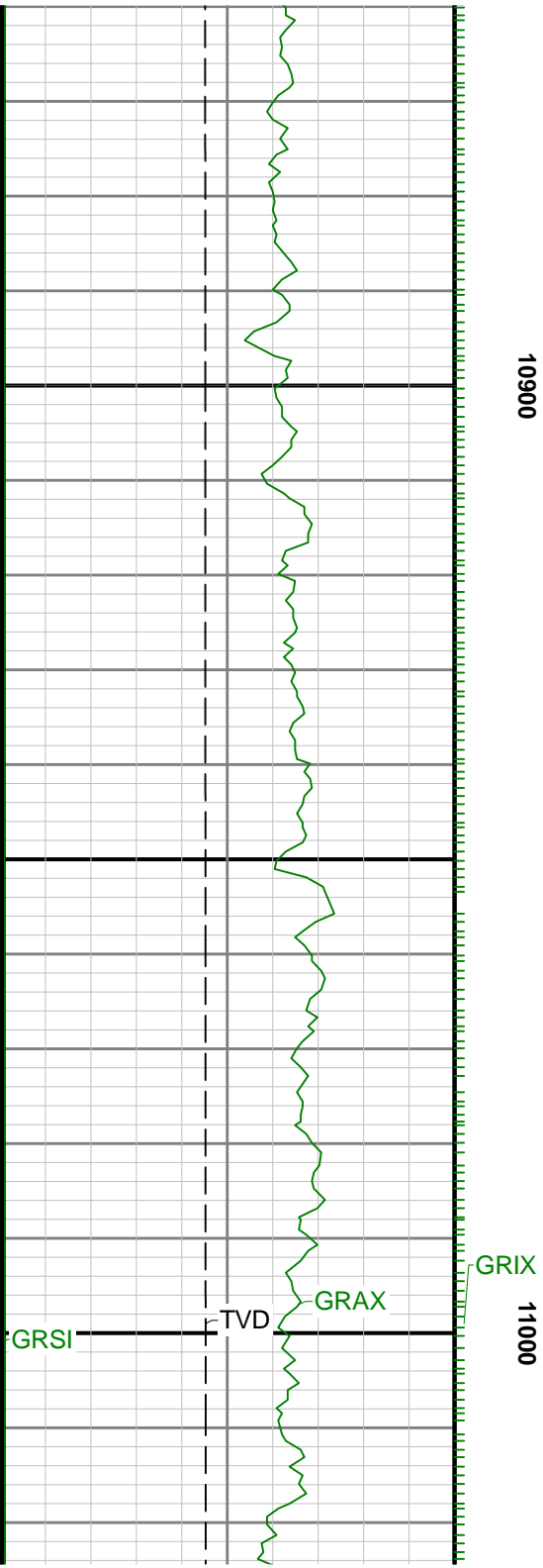




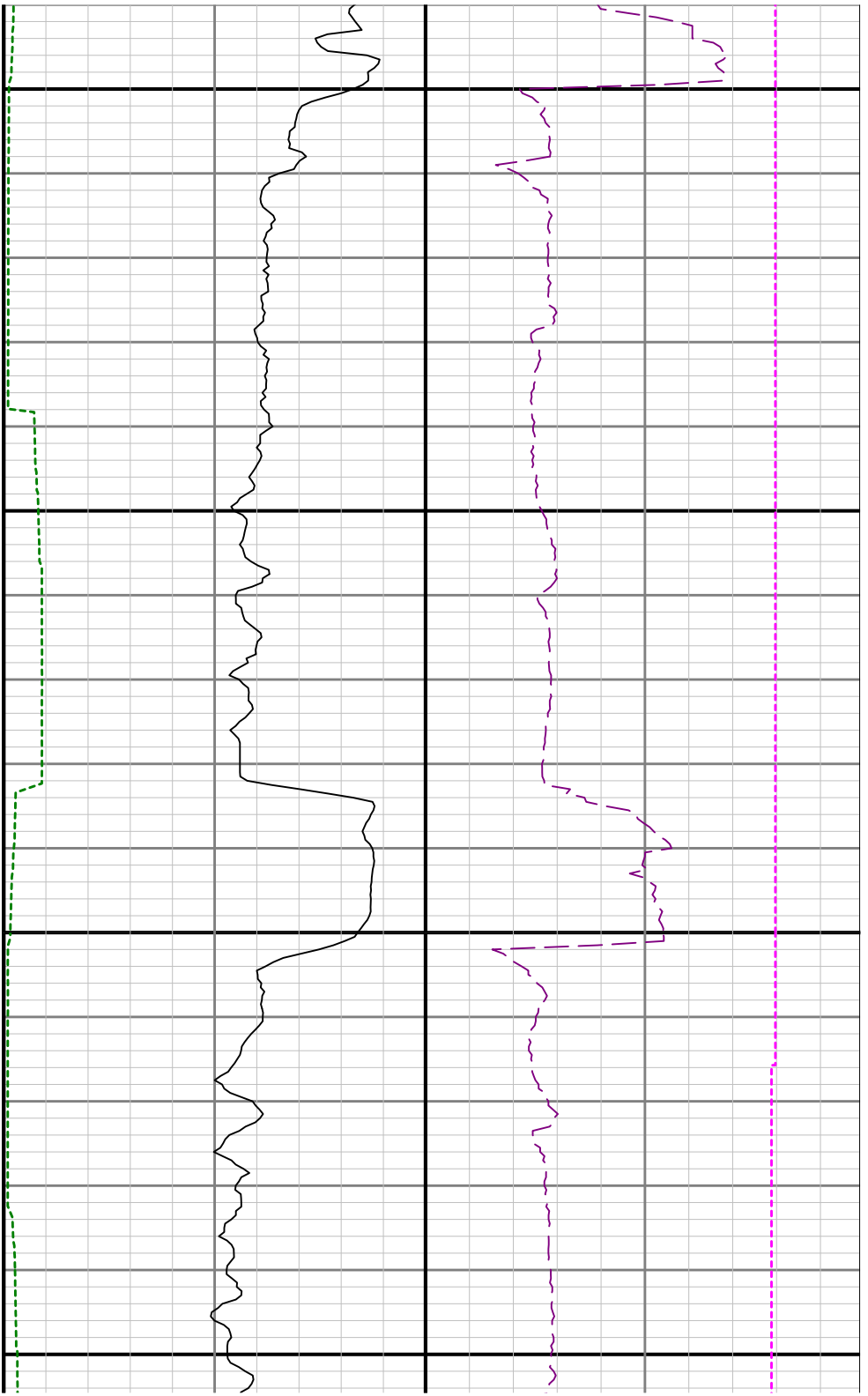






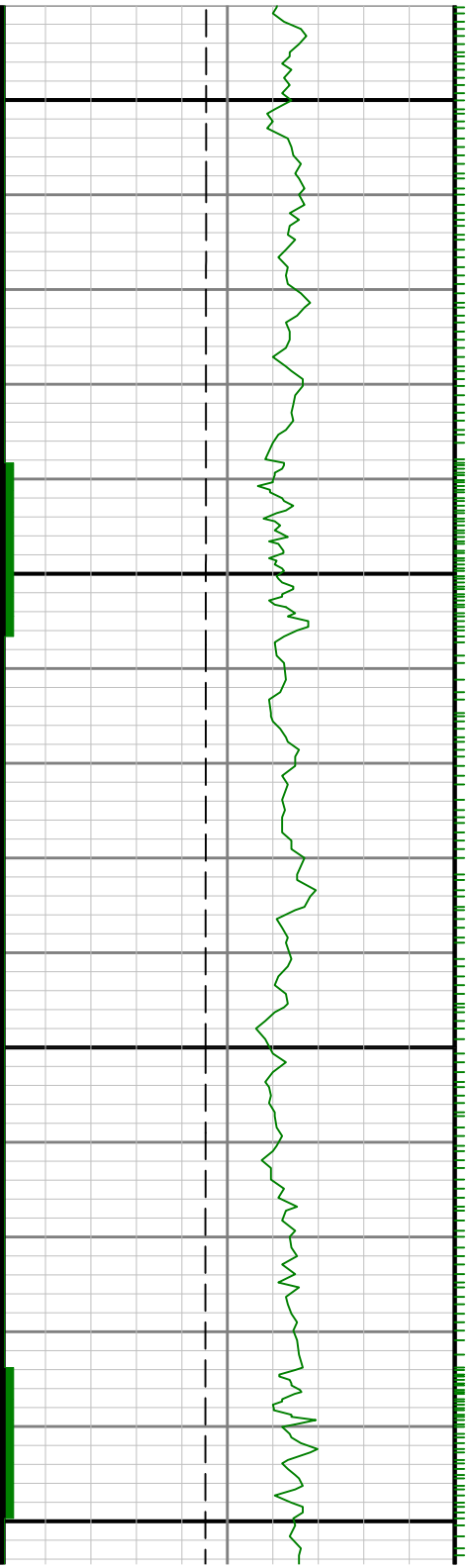


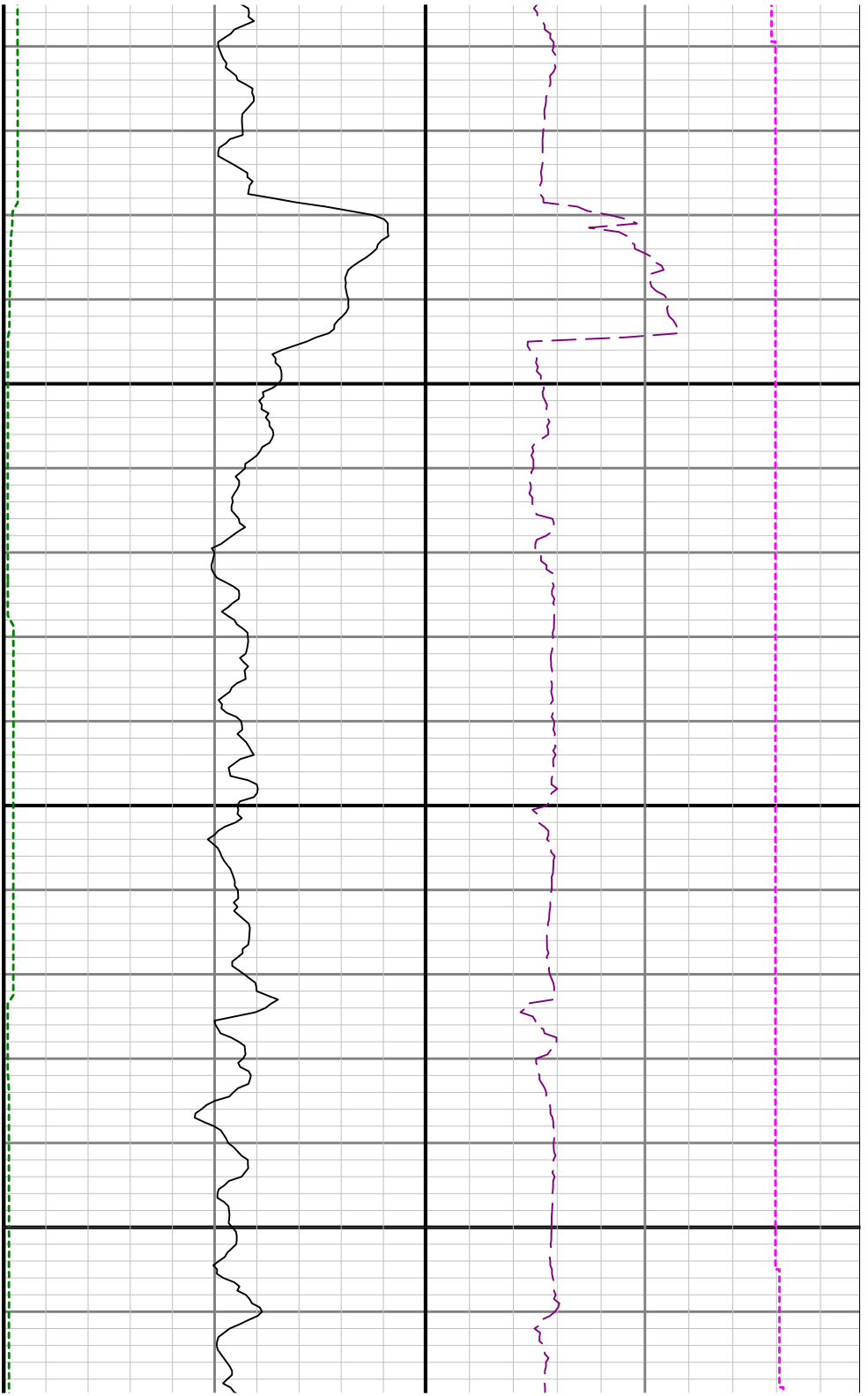




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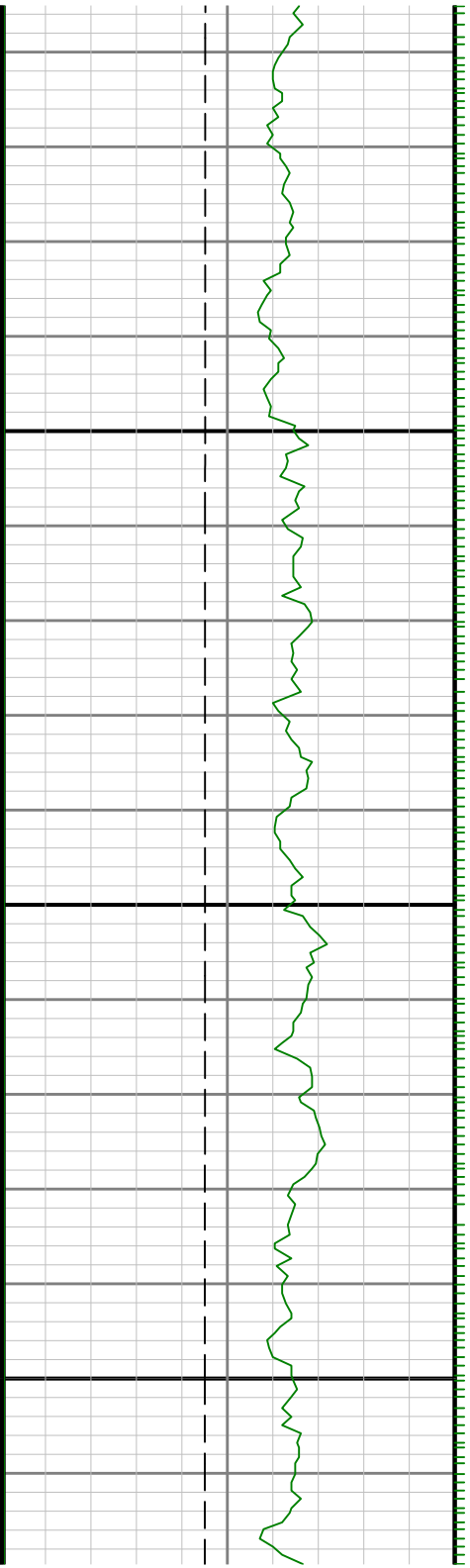
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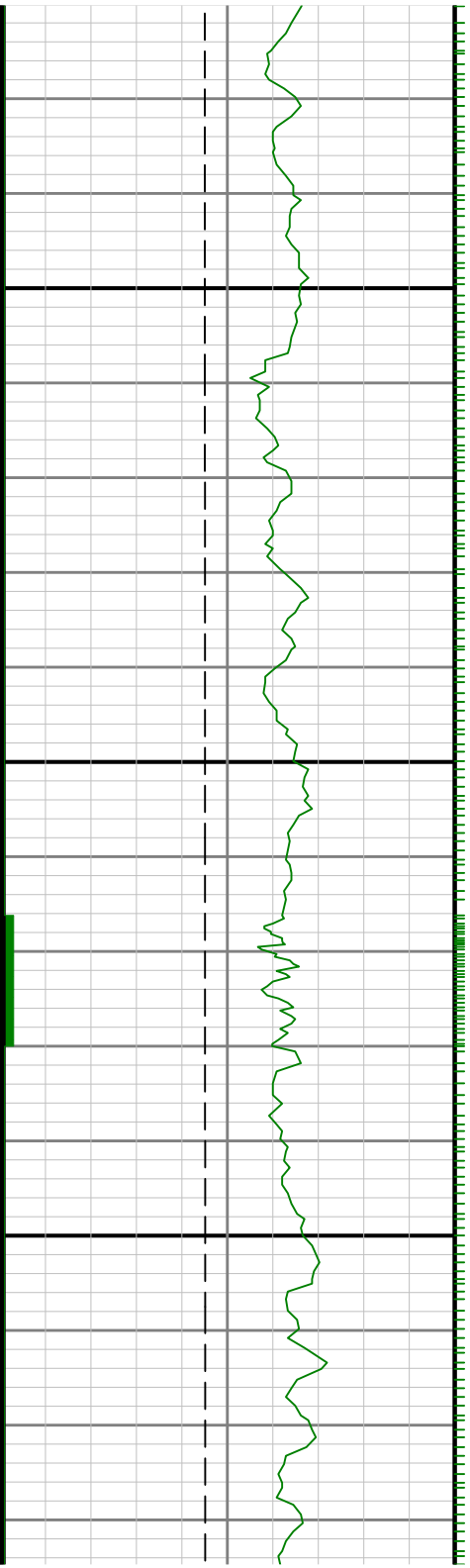
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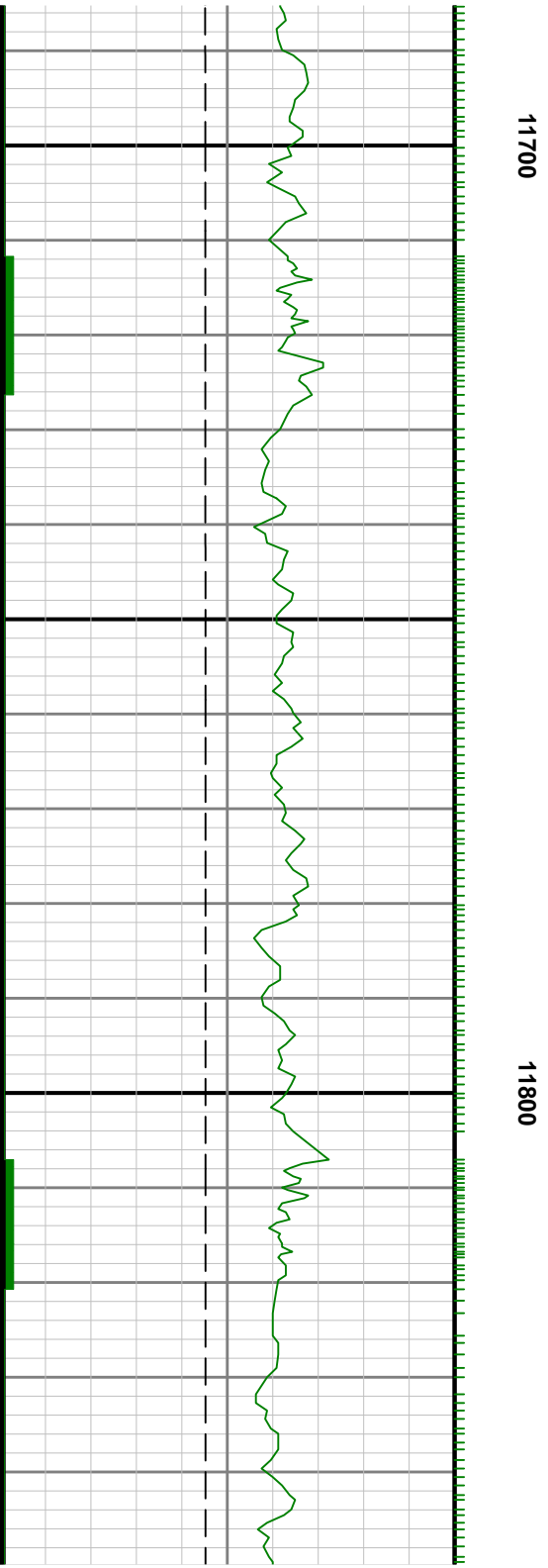
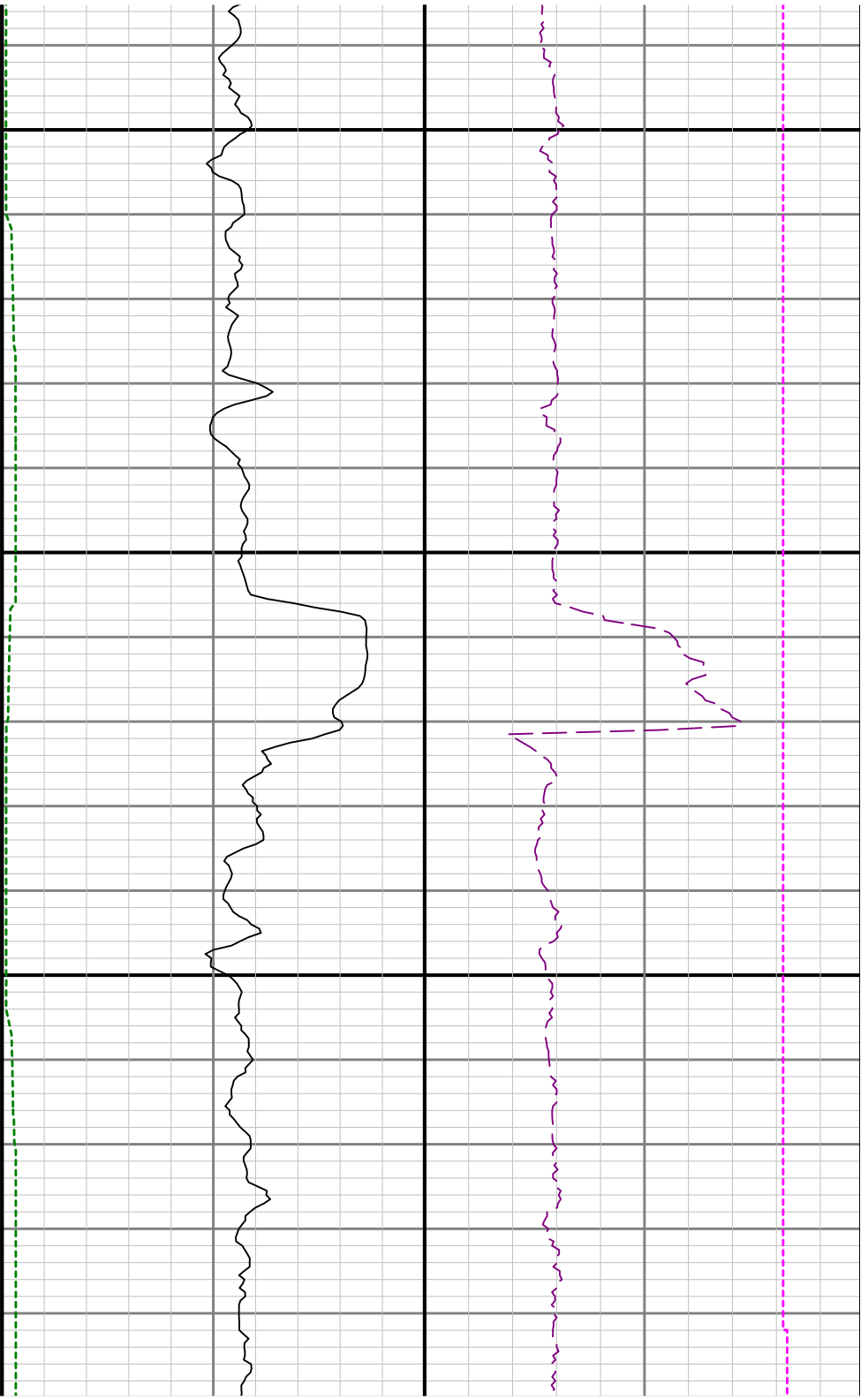


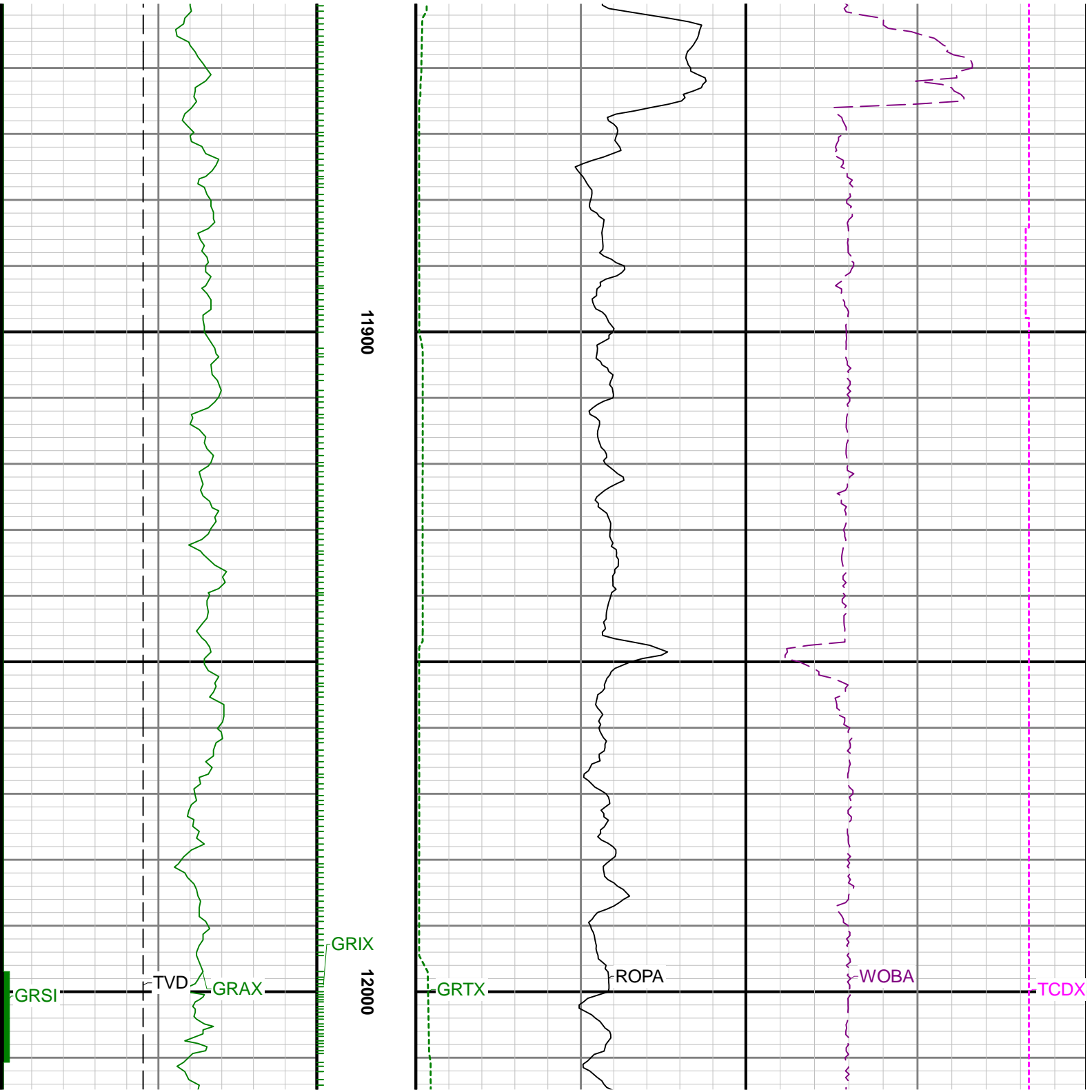


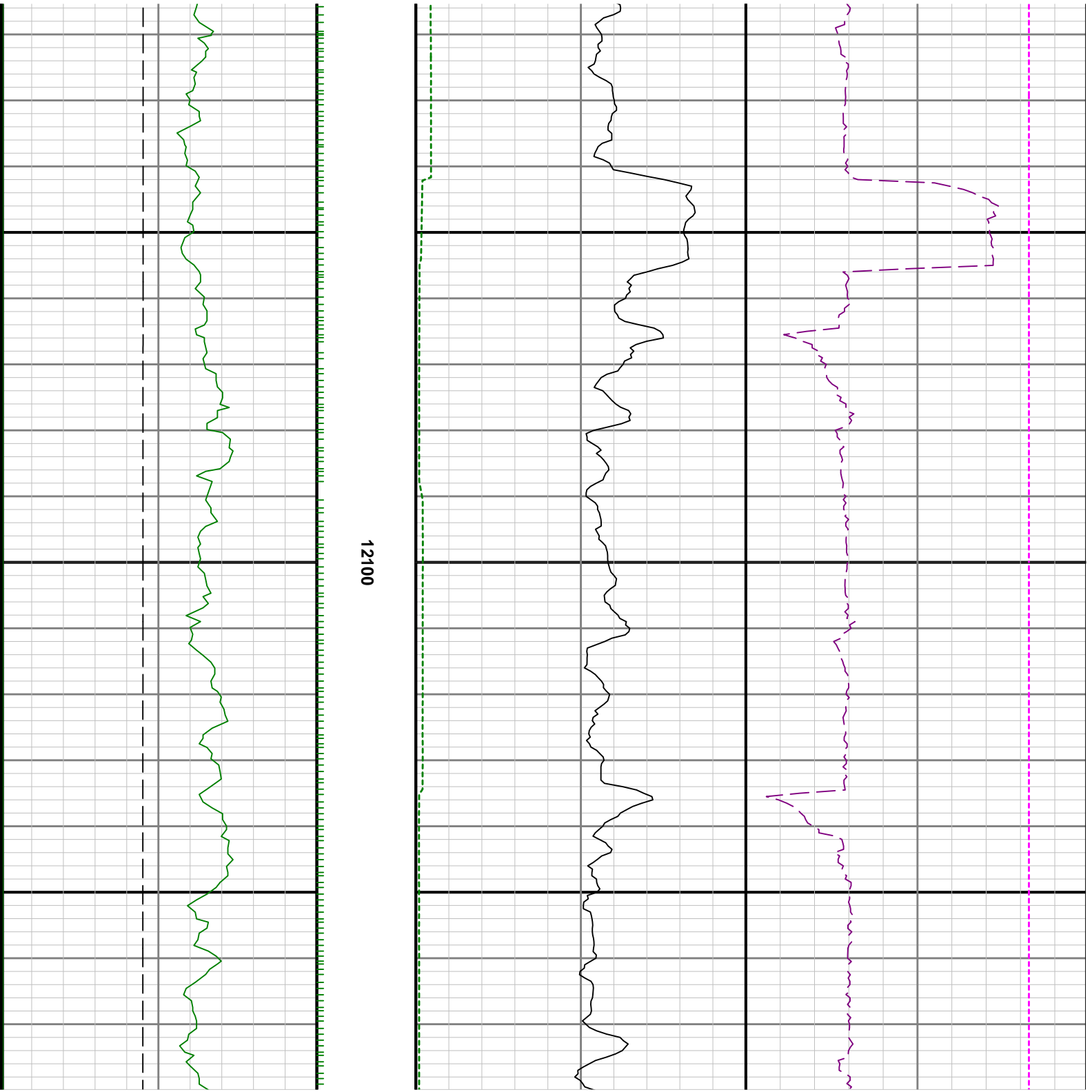


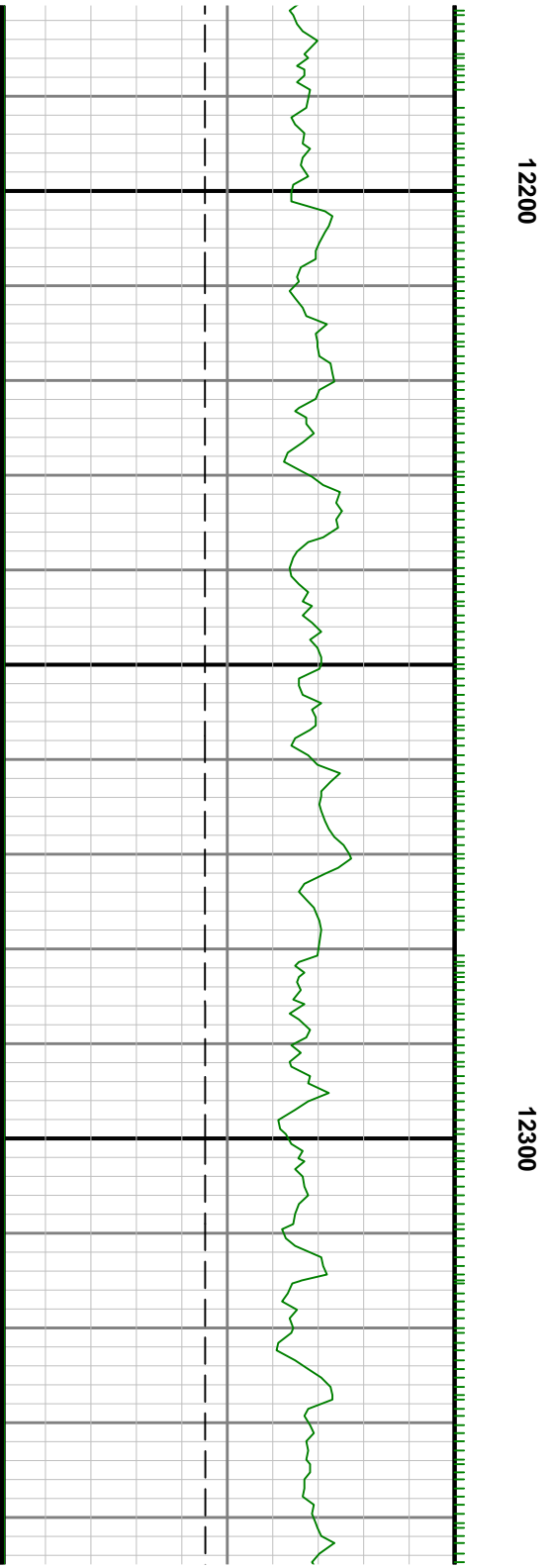
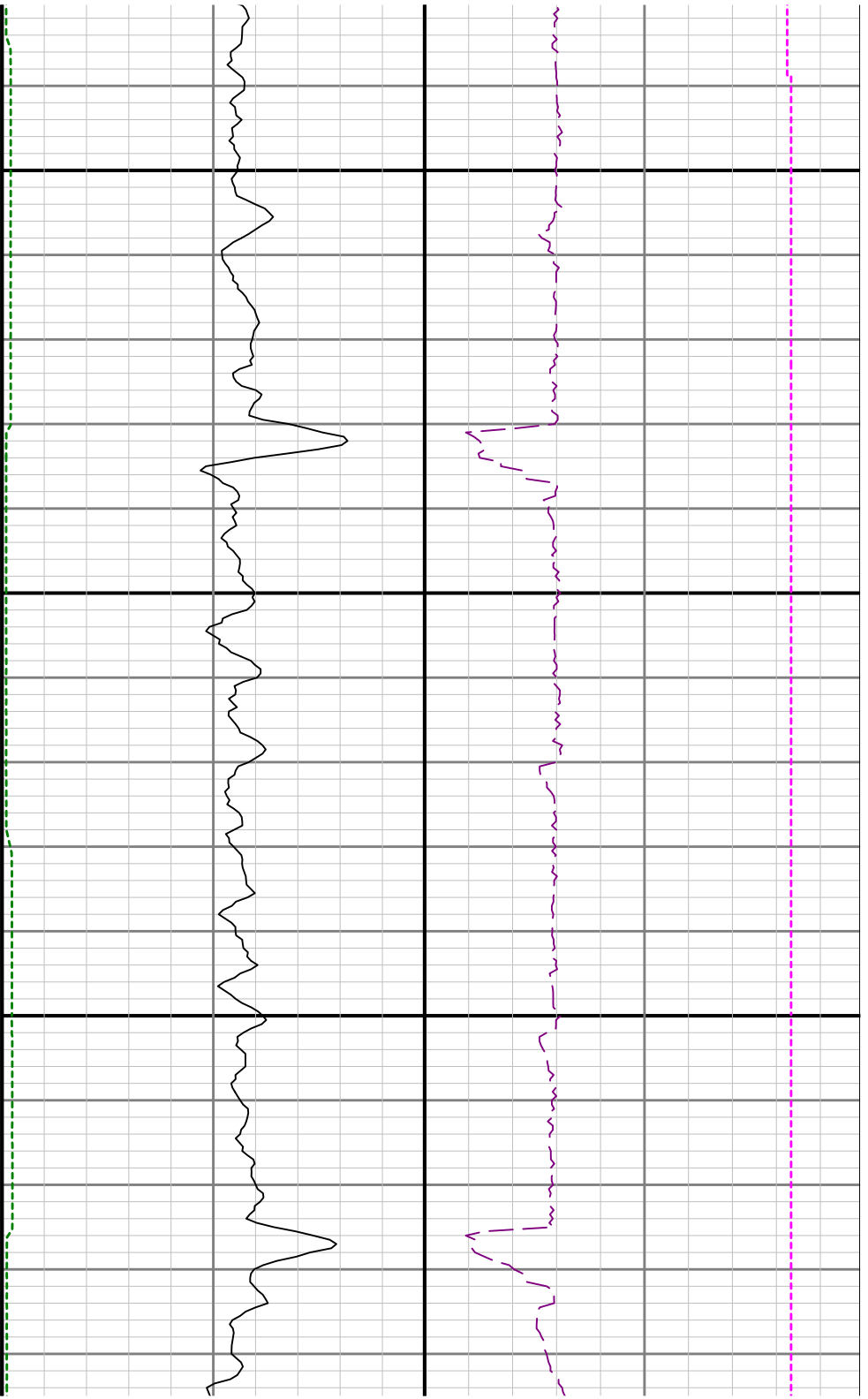
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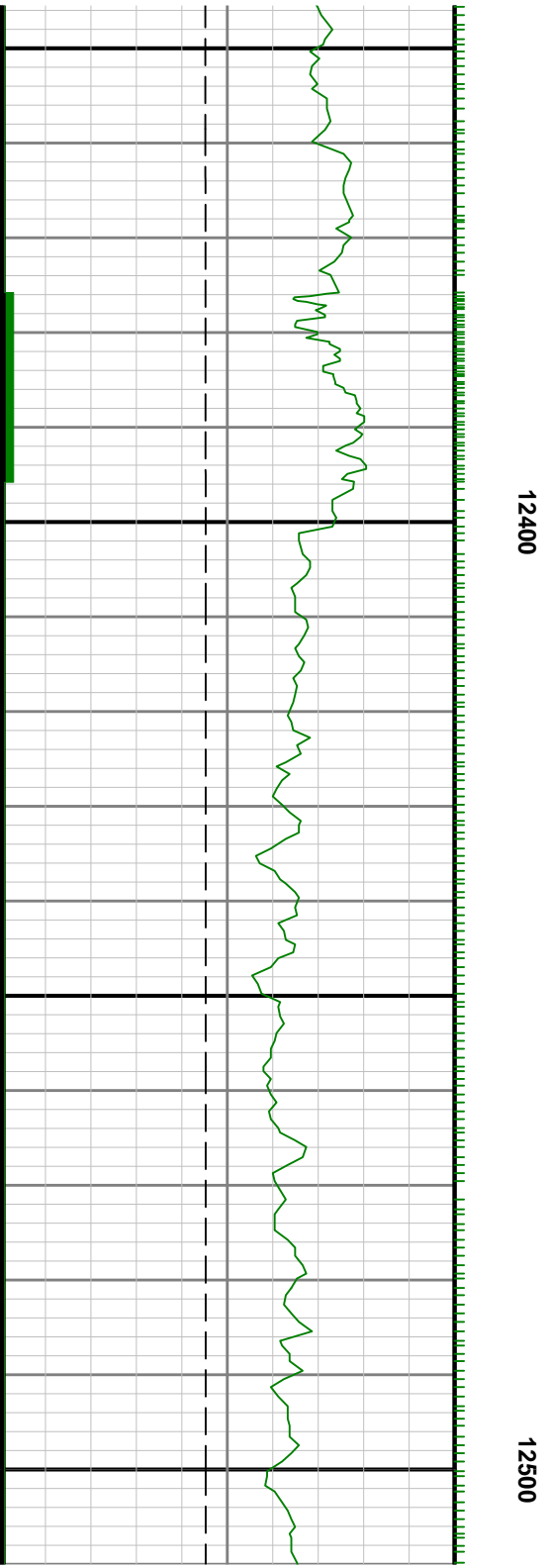


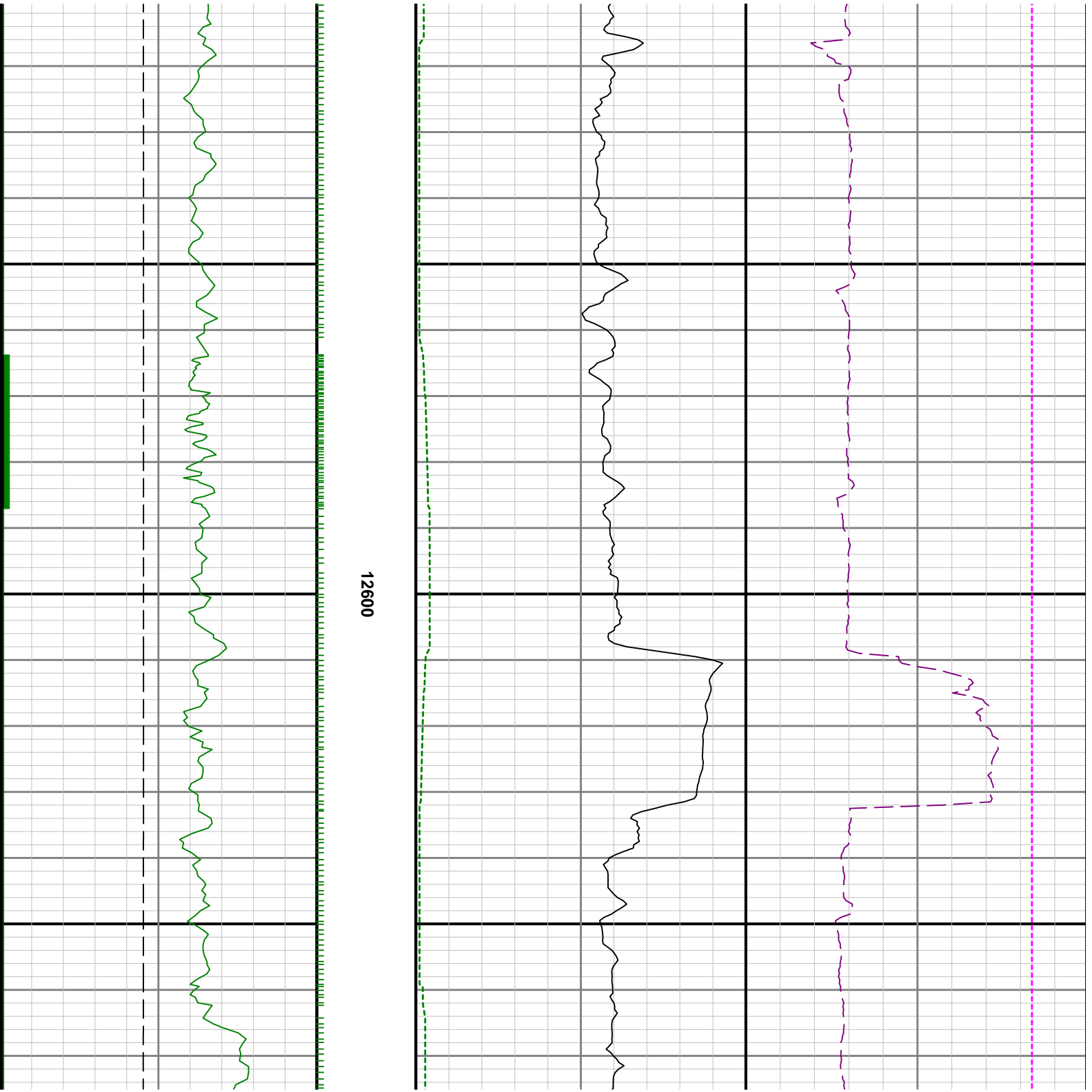








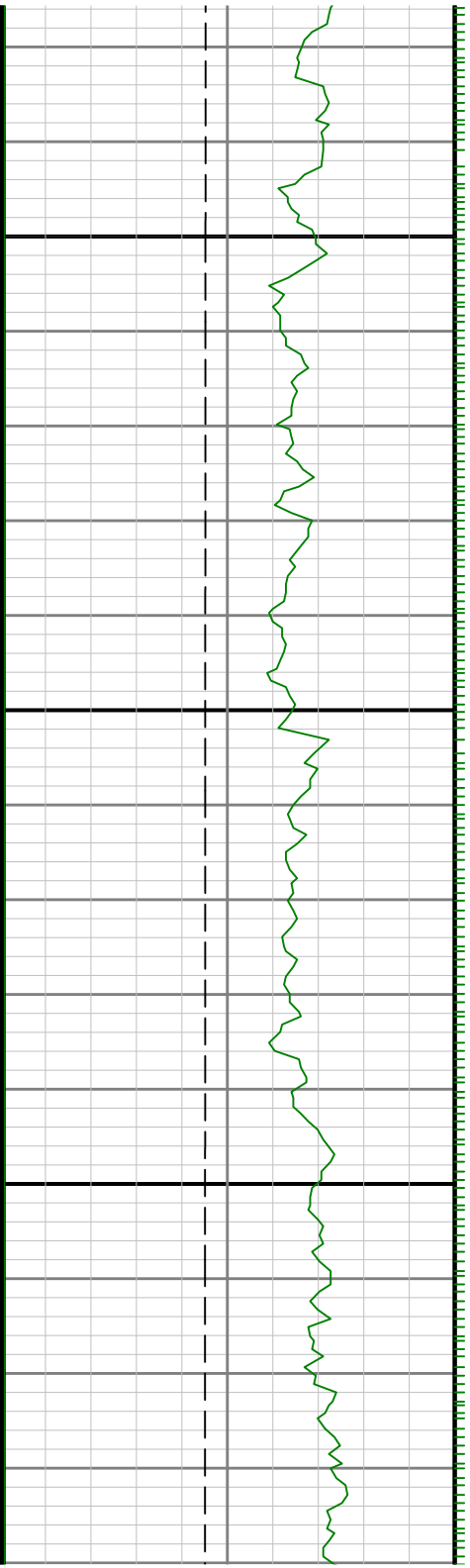




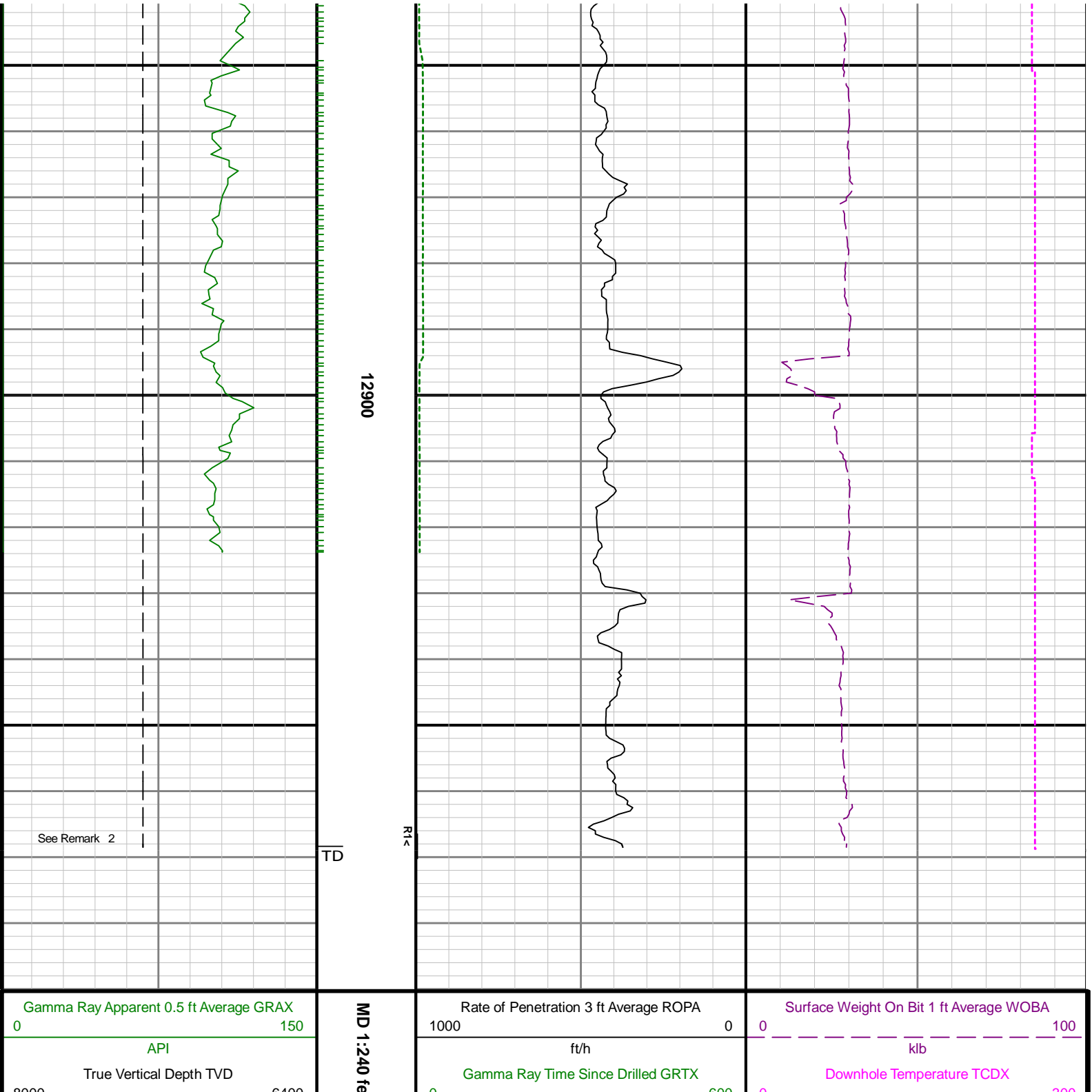


12700

12800







See Remark 2

TD

R1 <

Gamma Ray Apparent 0.5 ft Average GRAX  
0 150

API

True Vertical Depth TVD

MD 1:240 ft

Rate of Penetration 3 ft Average ROP  
1000 0  
ft/h

Gamma Ray Time Since Drilled GRTX  
0 600

Surface Weight On Bit 1 ft Average WOB  
0 100  
klb

Downhole Temperature TCDX  
0 200

8000	6400	set	0600	0300
ft			min	degF