

Mud Properties Record

Date / Time	Run No.	Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2020-03-23 18:11	1	1964.00	Oil Based Mud	9.3	10	N/A	19.5	76.8/23.2	Active Pit	28000	0.00
2020-03-24 15:11	1	3814.00	Oil Based Mud	9.6	14	N/A	21.4	81.9/18.1	Active Pit	23000	0.00
2020-03-25 11:03	2	7266.00	Oil Based Mud	9.6	12	N/A	17.5	79.7/20.3	Active Pit	29500	0.00
2020-03-26 06:38	2	11090.00	Oil Based Mud	9.8	16	N/A	18.7	78.3/21.7	Active Pit	29000	0.00
2020-03-27 06:18	2	17431.00	Oil Based Mud	9.9	16	N/A	20.0	81.4/18.6	Active Pit	25000	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	AutoTrak Curve Steering Unit	14858685	Near Bit Inclination	5.93	6.78	7.570	4.330
1	AutoTrak Curve Steering Unit	14858685	Near Bit VSS	5.93	6.78	7.570	4.330
1	AutoTrak Curve MWD	14334277	Gamma (single)	2.76	12.95	7.000	3.250
1	AutoTrak Curve MWD	14334277	Directional (mag)	12.27	22.46	7.000	3.250
2	AutoTrak Curve Steering Unit	14316009	Near Bit VSS	5.93	6.78	7.000	4.330
2	AutoTrak Curve Steering Unit	14316009	Near Bit Inclination	5.93	6.78	7.000	4.330
2	AutoTrak Curve MWD	14219820	Gamma (single)	2.75	12.95	7.000	3.250
2	AutoTrak Curve MWD	14219820	Directional (mag)	12.27	22.47	7.000	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM

Comments

- | 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 Baker Hughes LWD Run 1 and 2 utilized 6 3/4 inch NaviGamma service (Gamma Ray and Directional) behind an 8 1/2 inch bit and rotary steerable assembly from 1964 to 17600 feet MD (1964 to 6857 feet TVD). |
| 3 The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request. |
| 4 Several gaps appear in the log due to drilling ahead before the assembly had time to properly power on. |

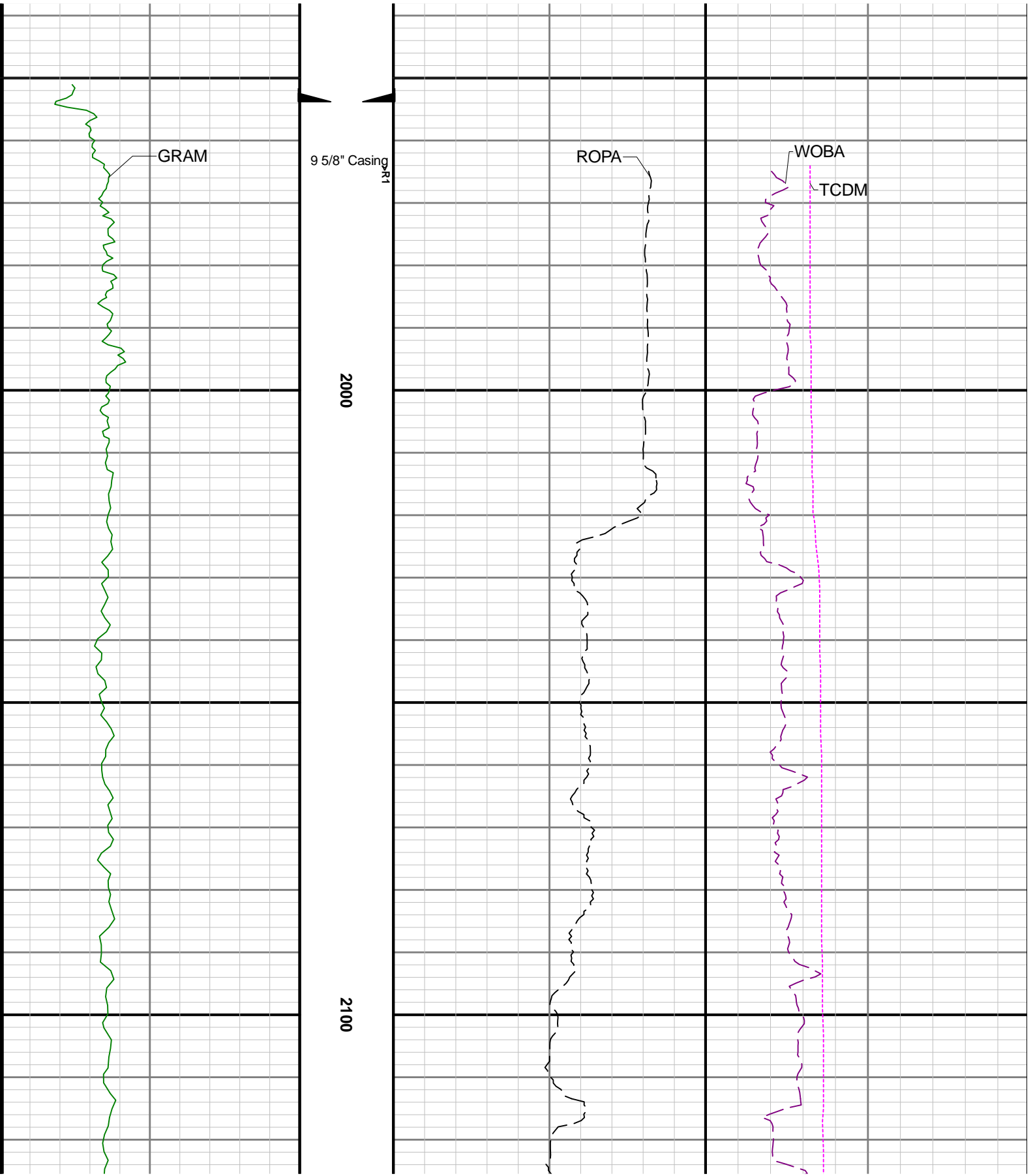
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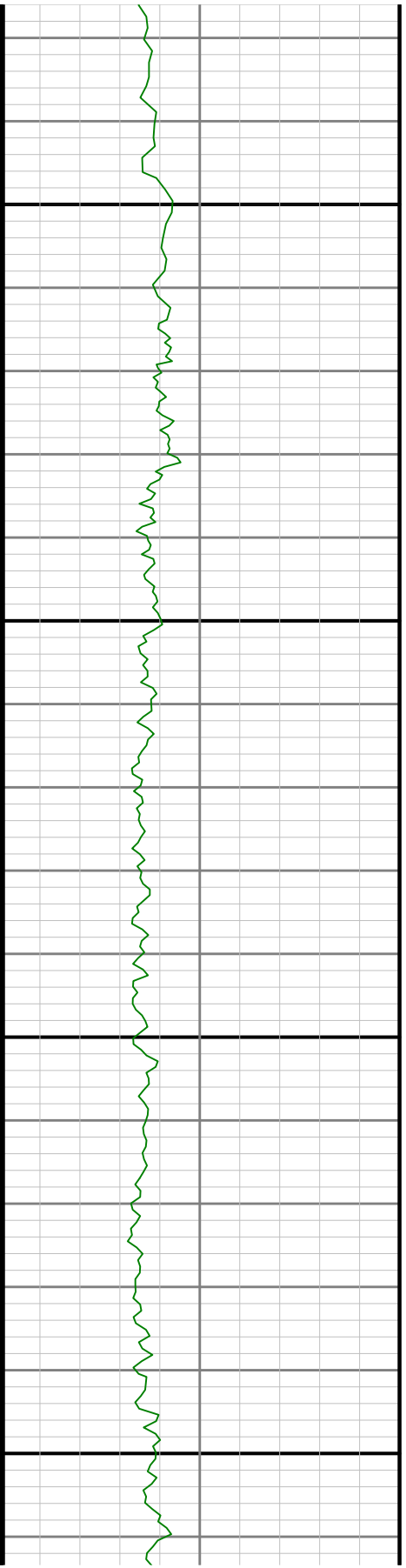
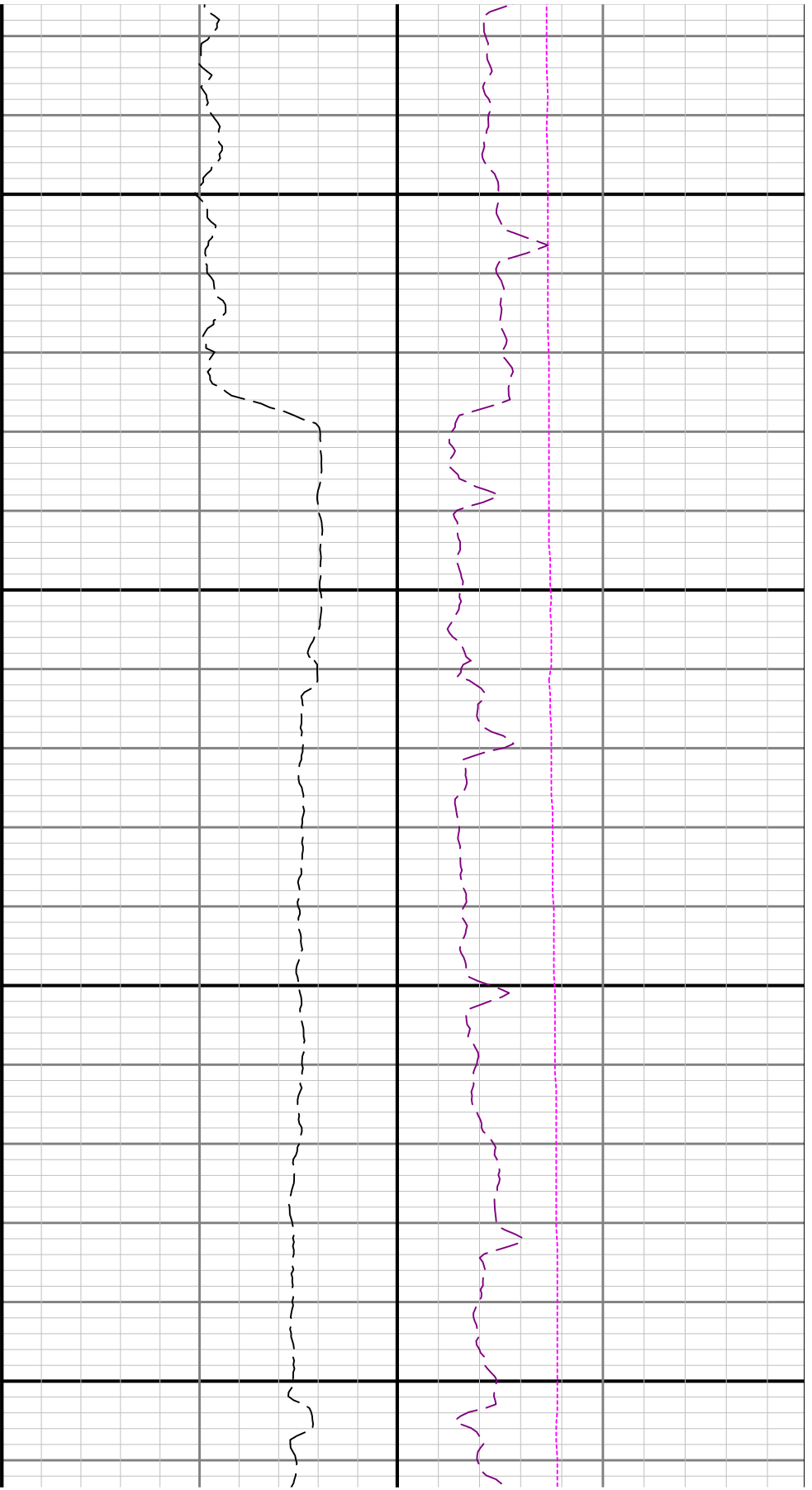
Remarks				
Number	Depth (ft)	Hole Section (in)	Run No.	Remark

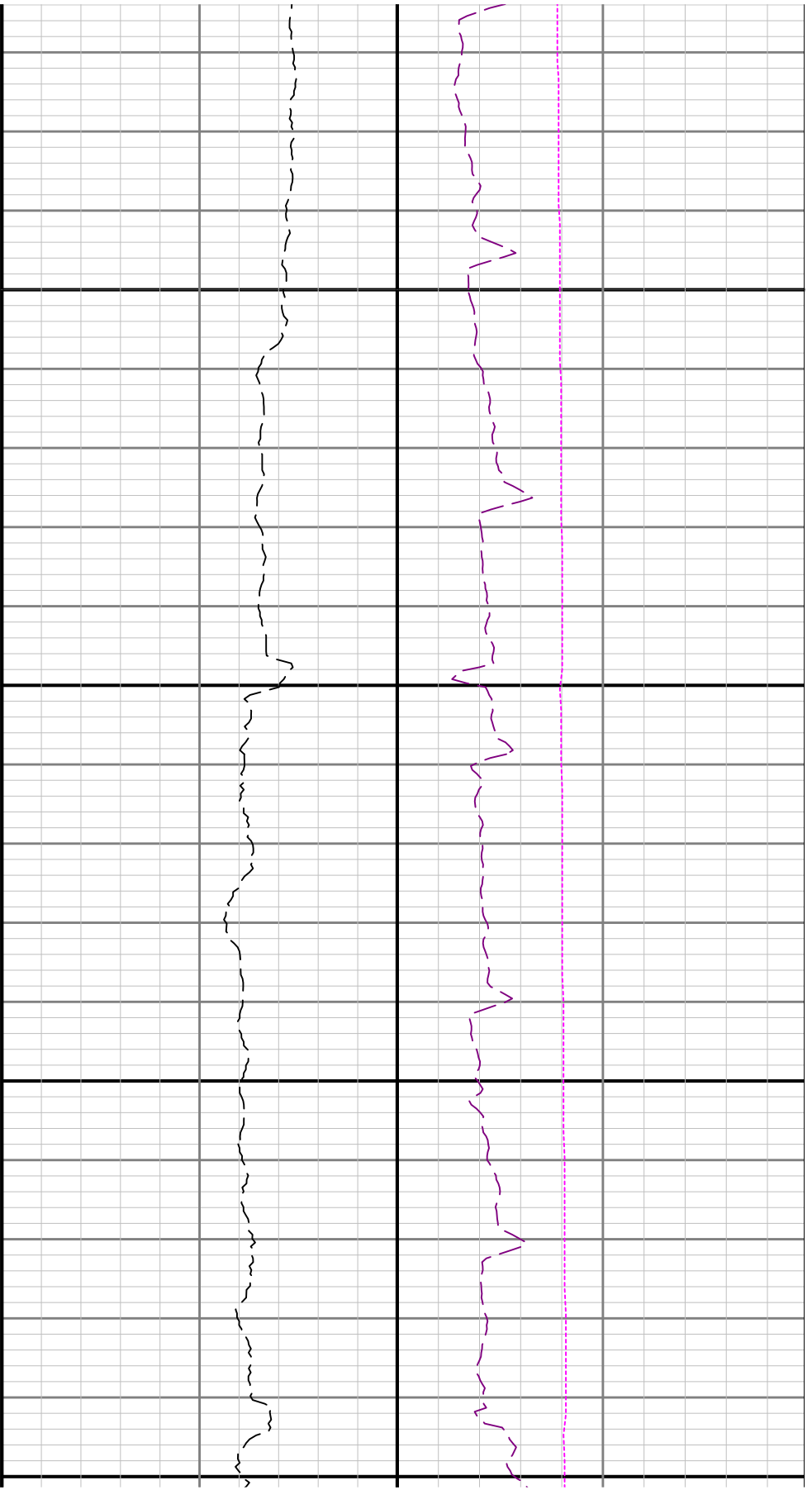
Curve Mnemonics

Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOBA	Weight On Bit 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
TCDM	Directional Real-Time Survey Temperature	degF

Gamma Ray - Apparent 0.5 ft Average GRAM 0 300	TVD 1:240 feet	Depth Averaged ROP 3 ft Average ROPA 1000 0	Weight On Bit, Average 1 ft Average WOBA 0 50
API		ft/h	klb
			Downhole Temperature TCDM 0 300
			degF

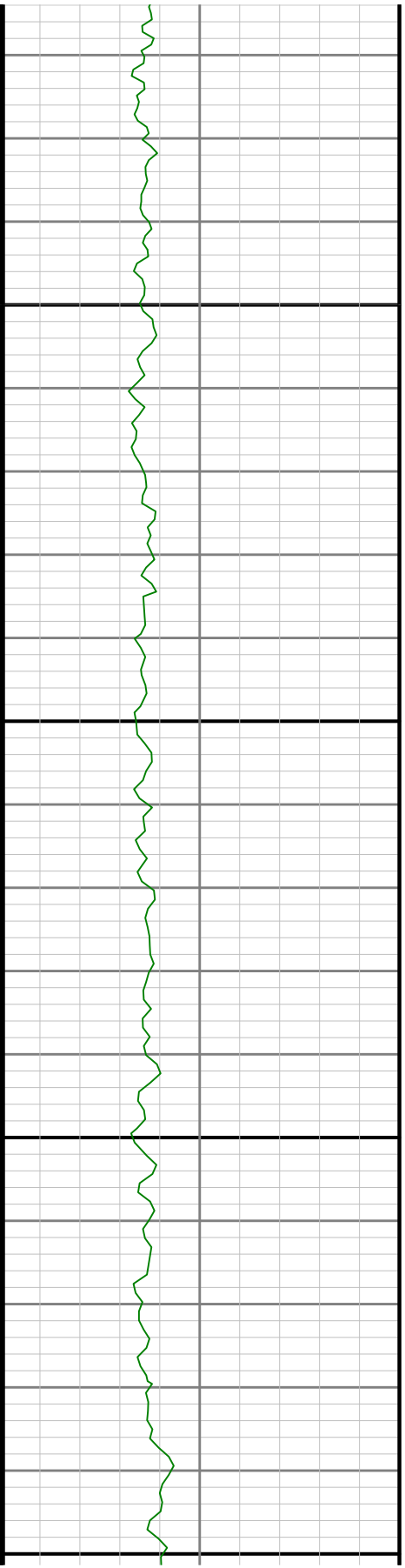


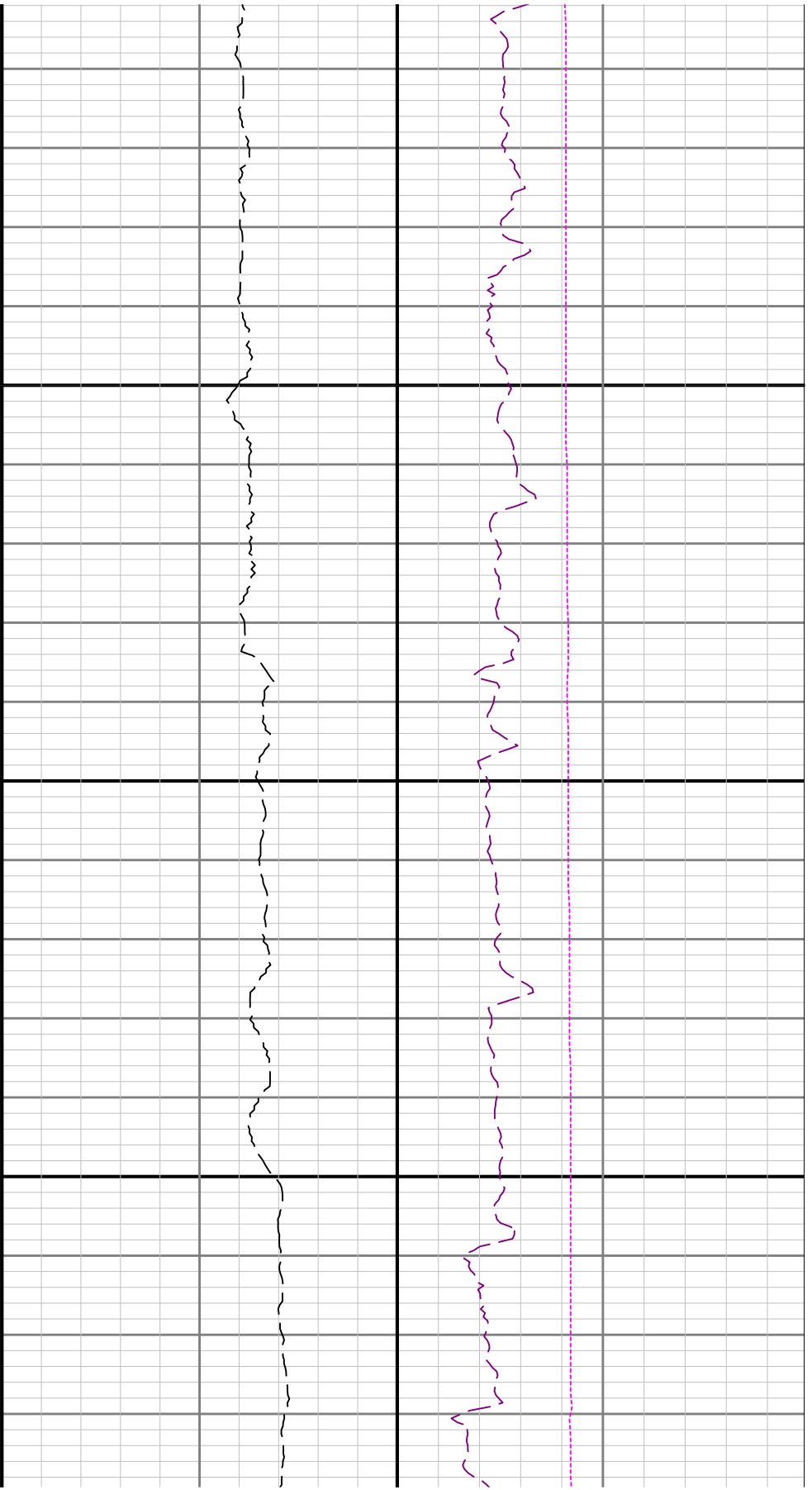




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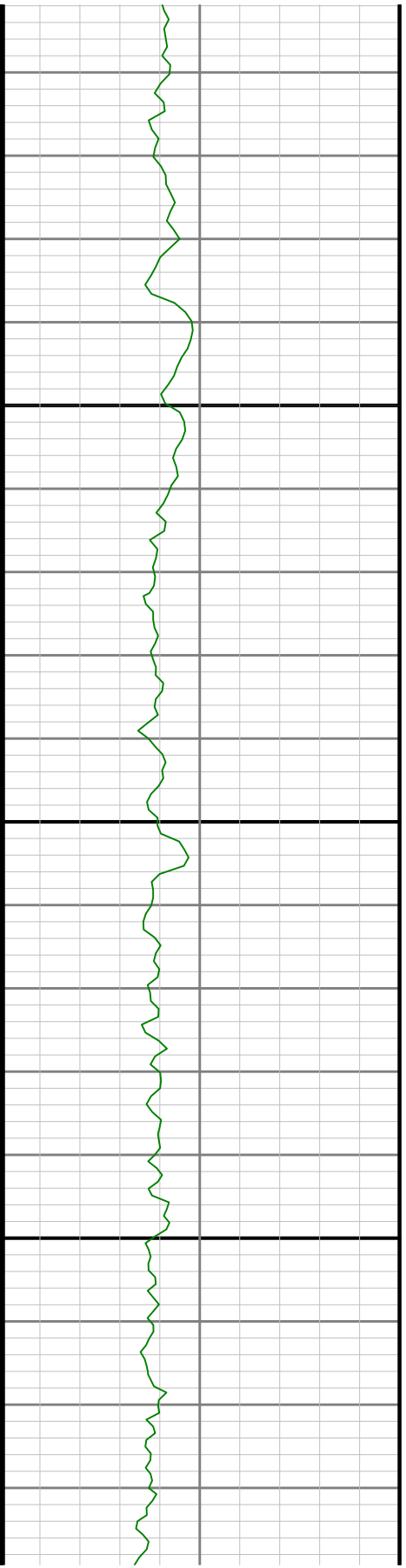
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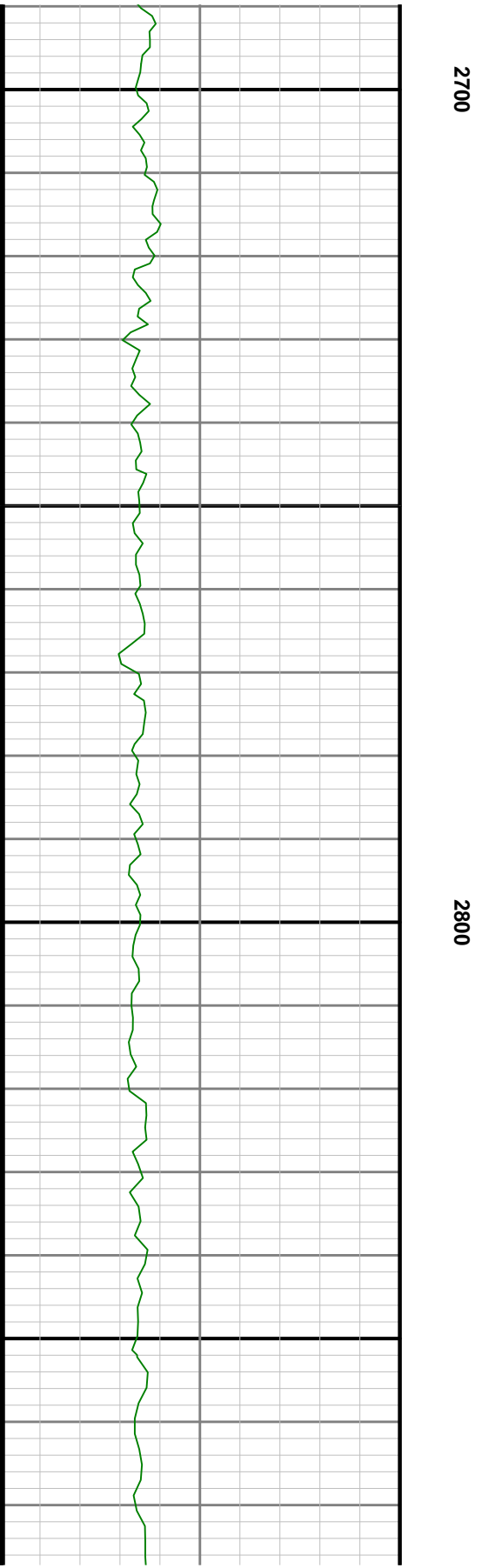
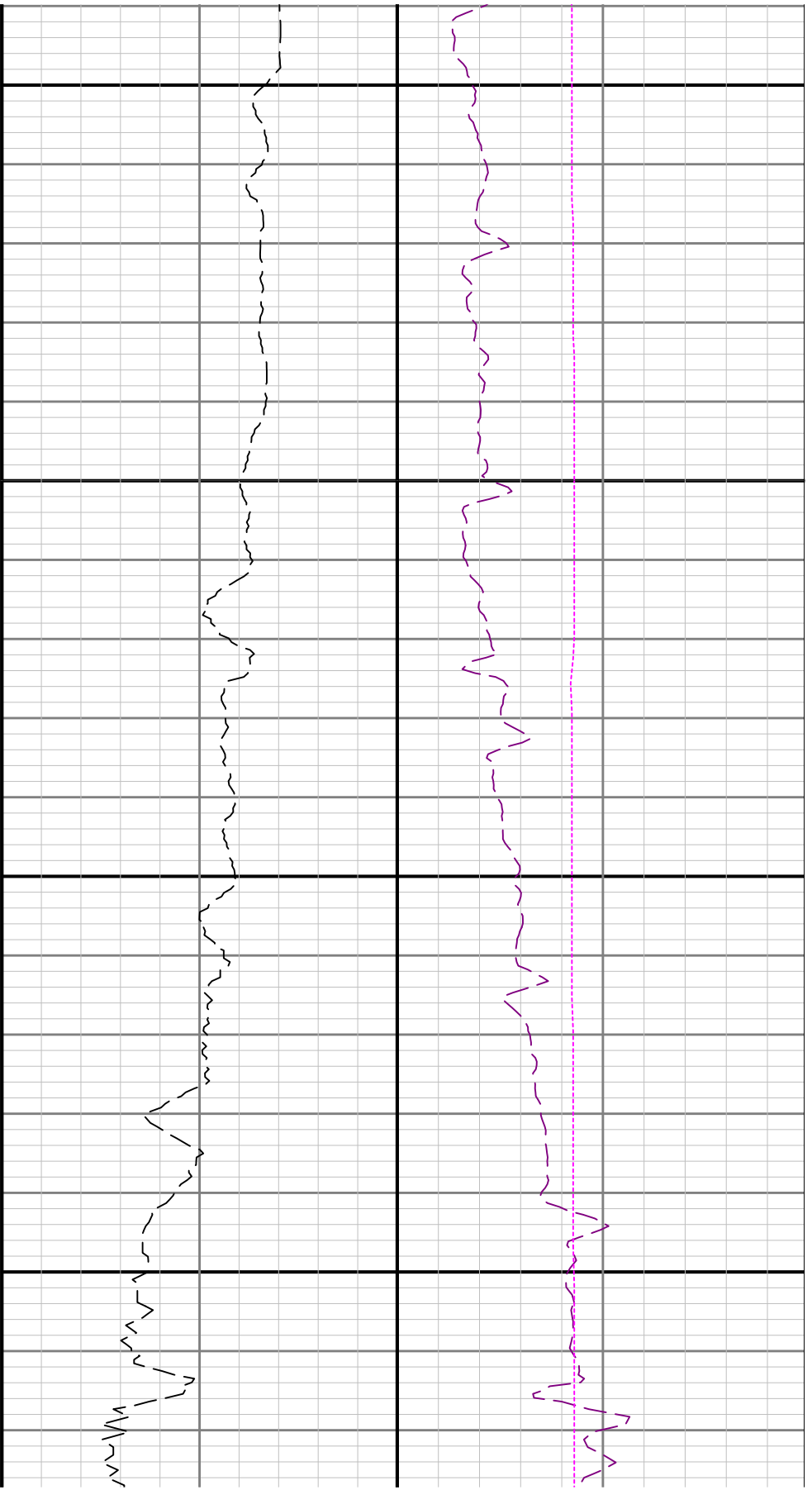


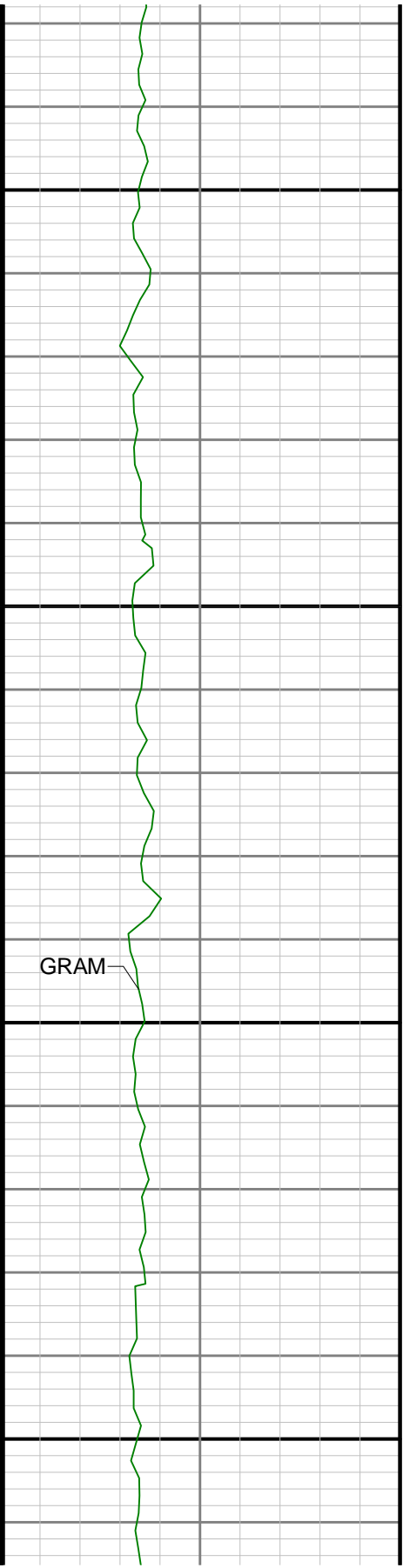


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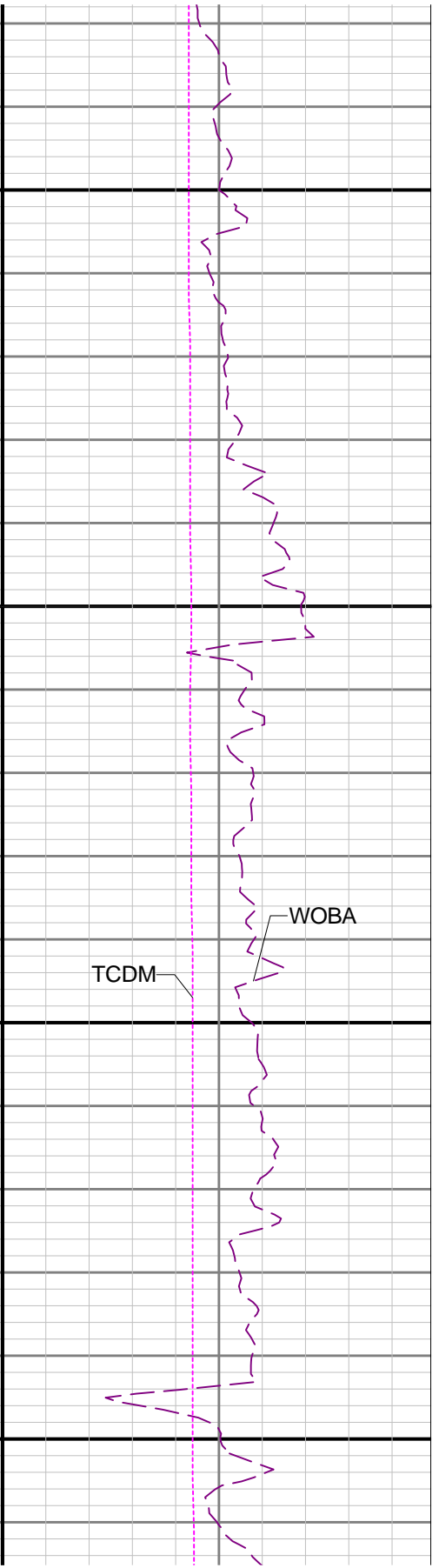
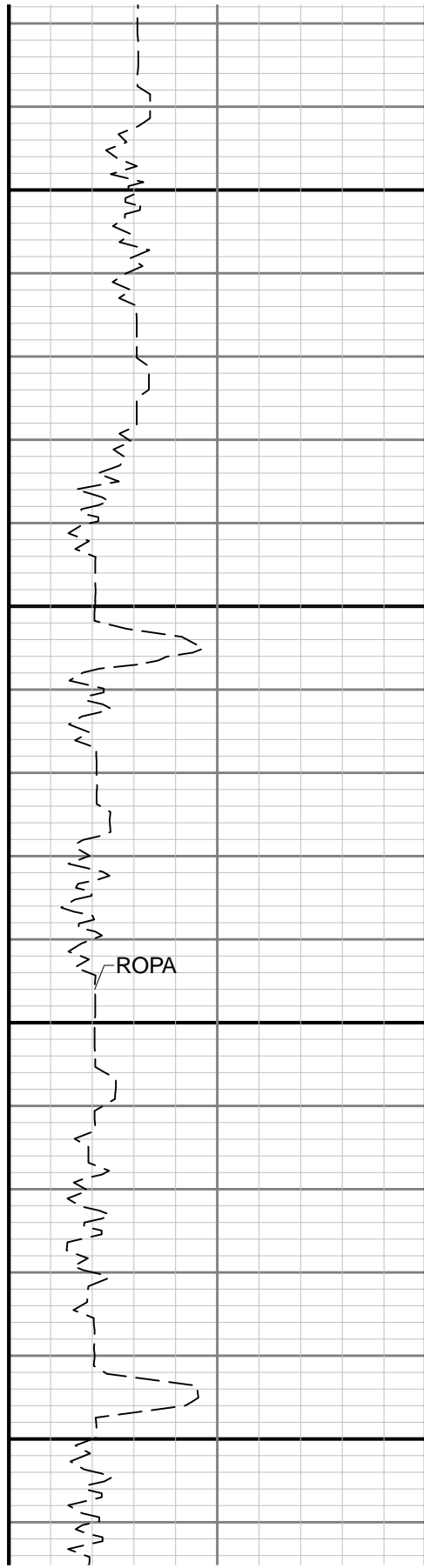


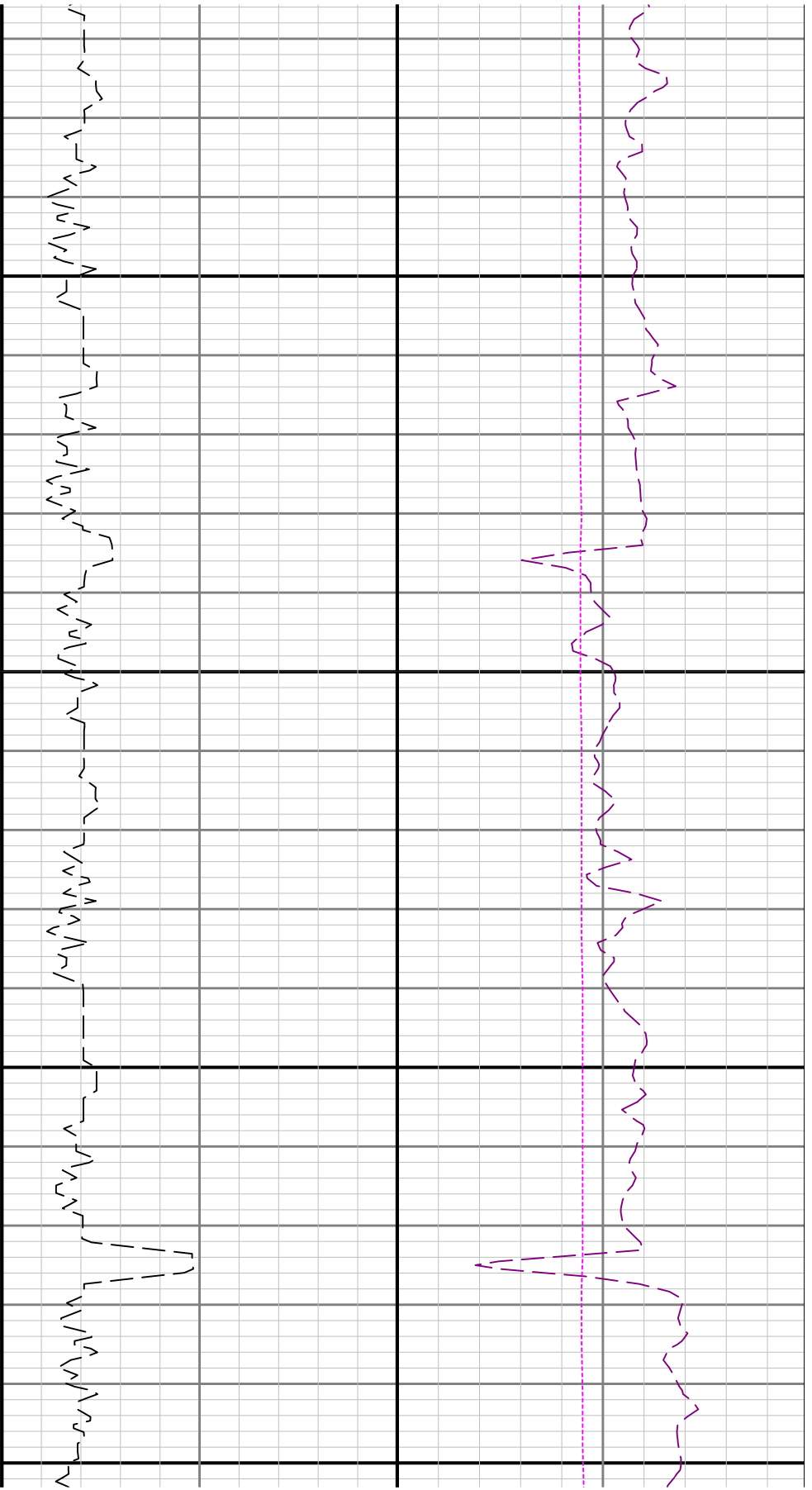




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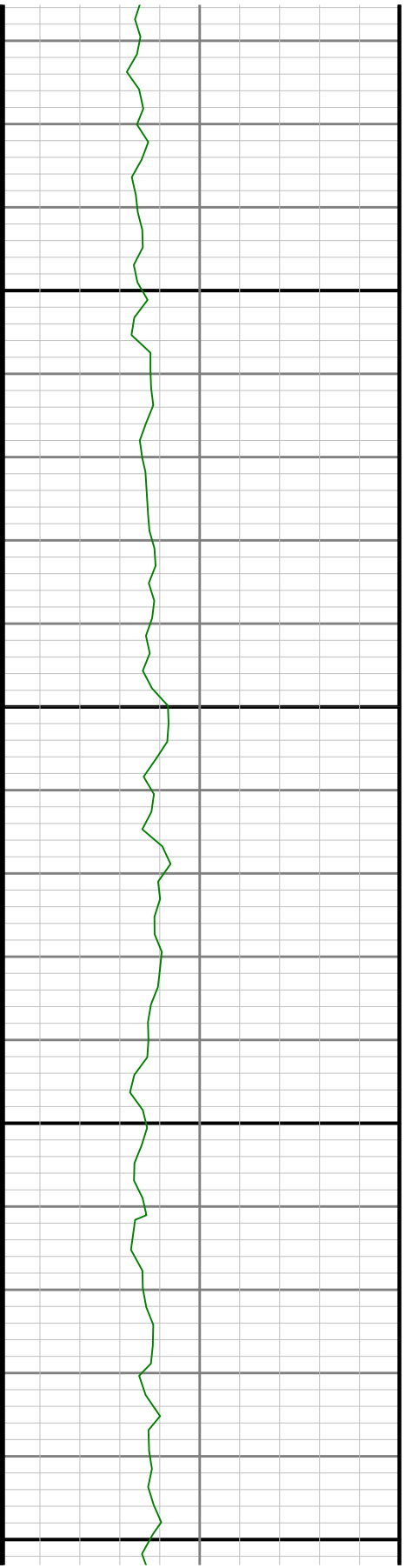
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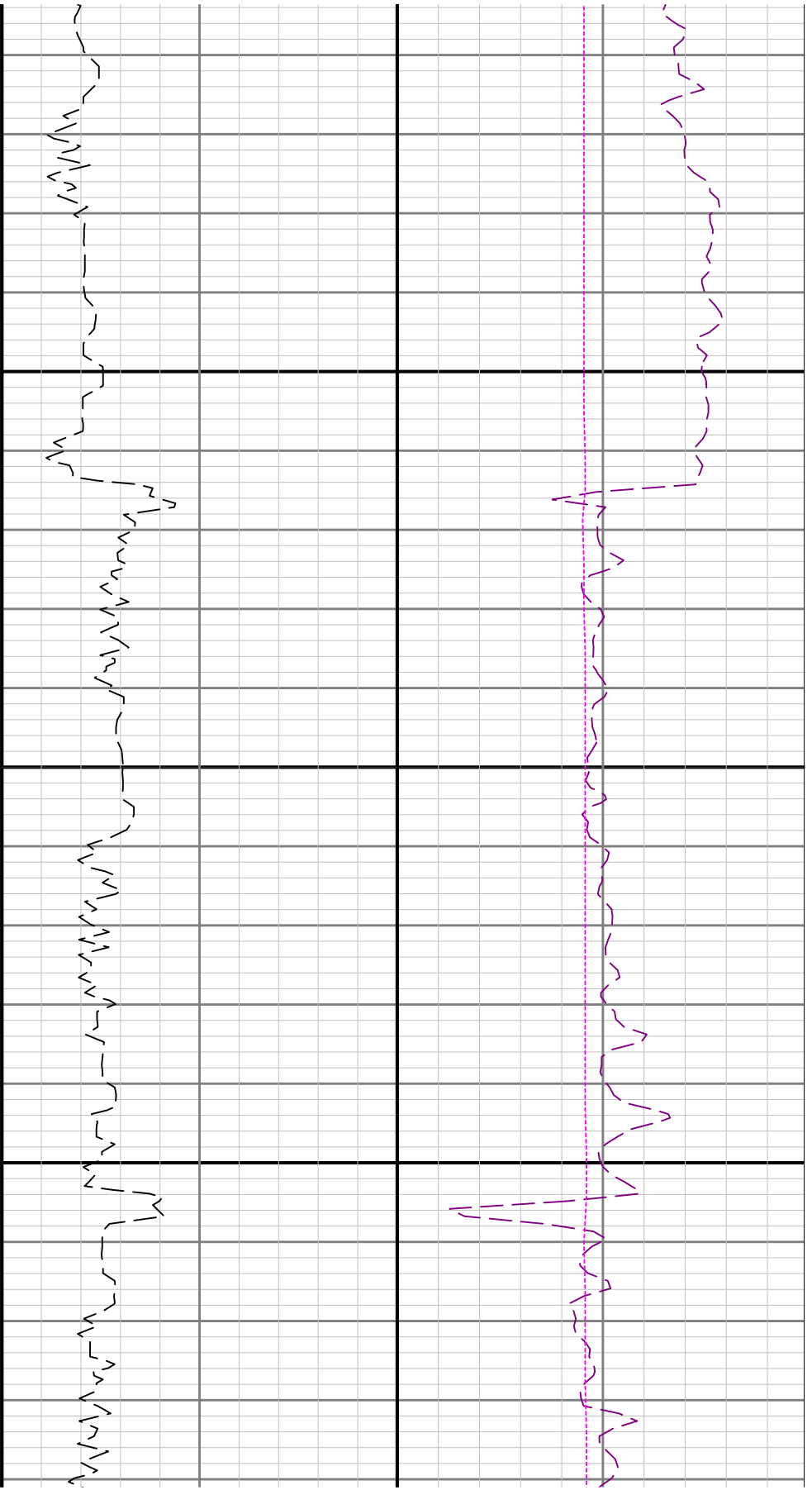




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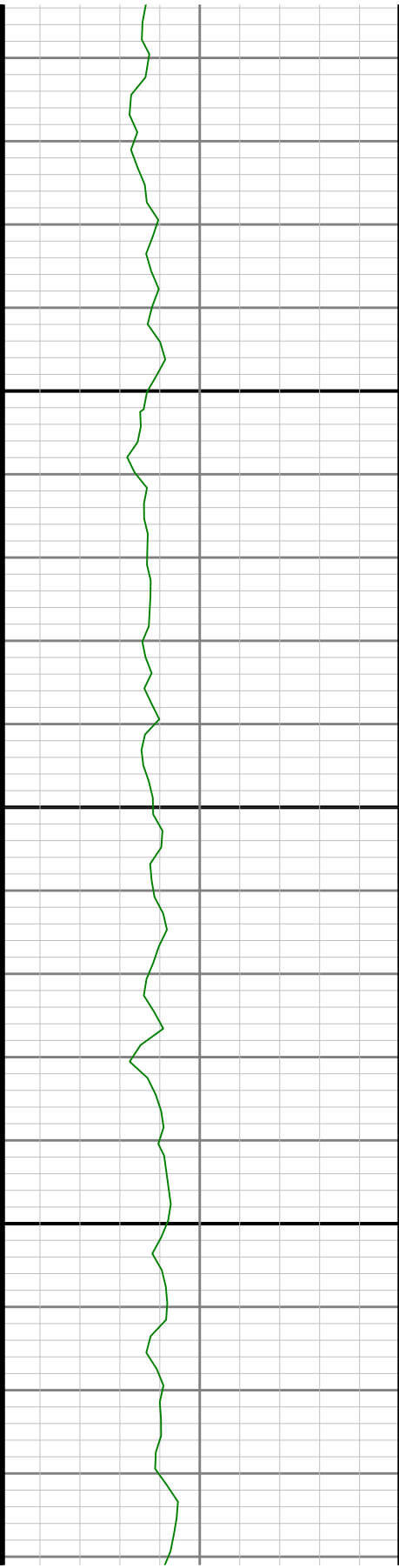
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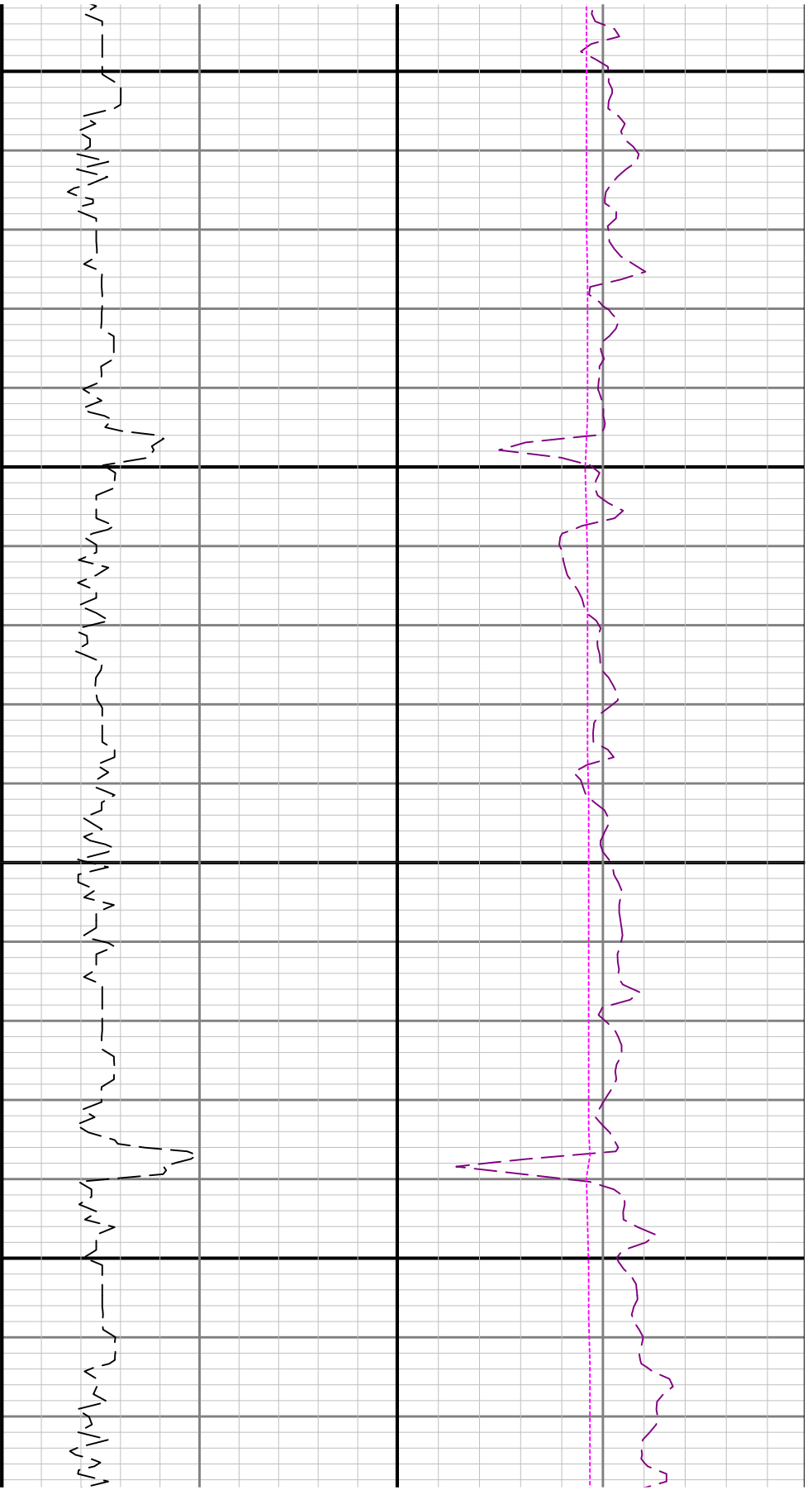




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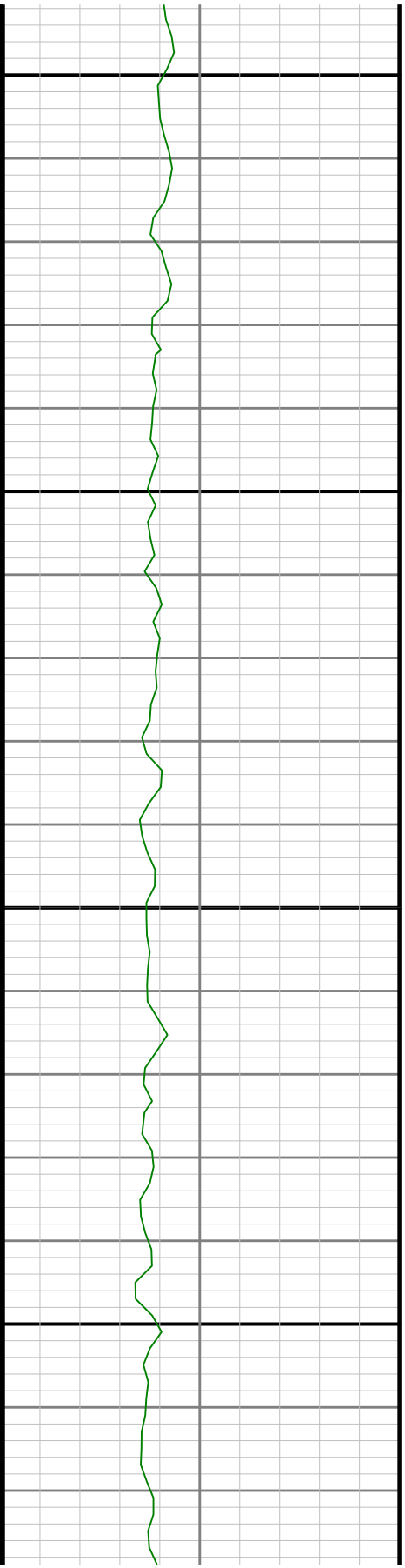
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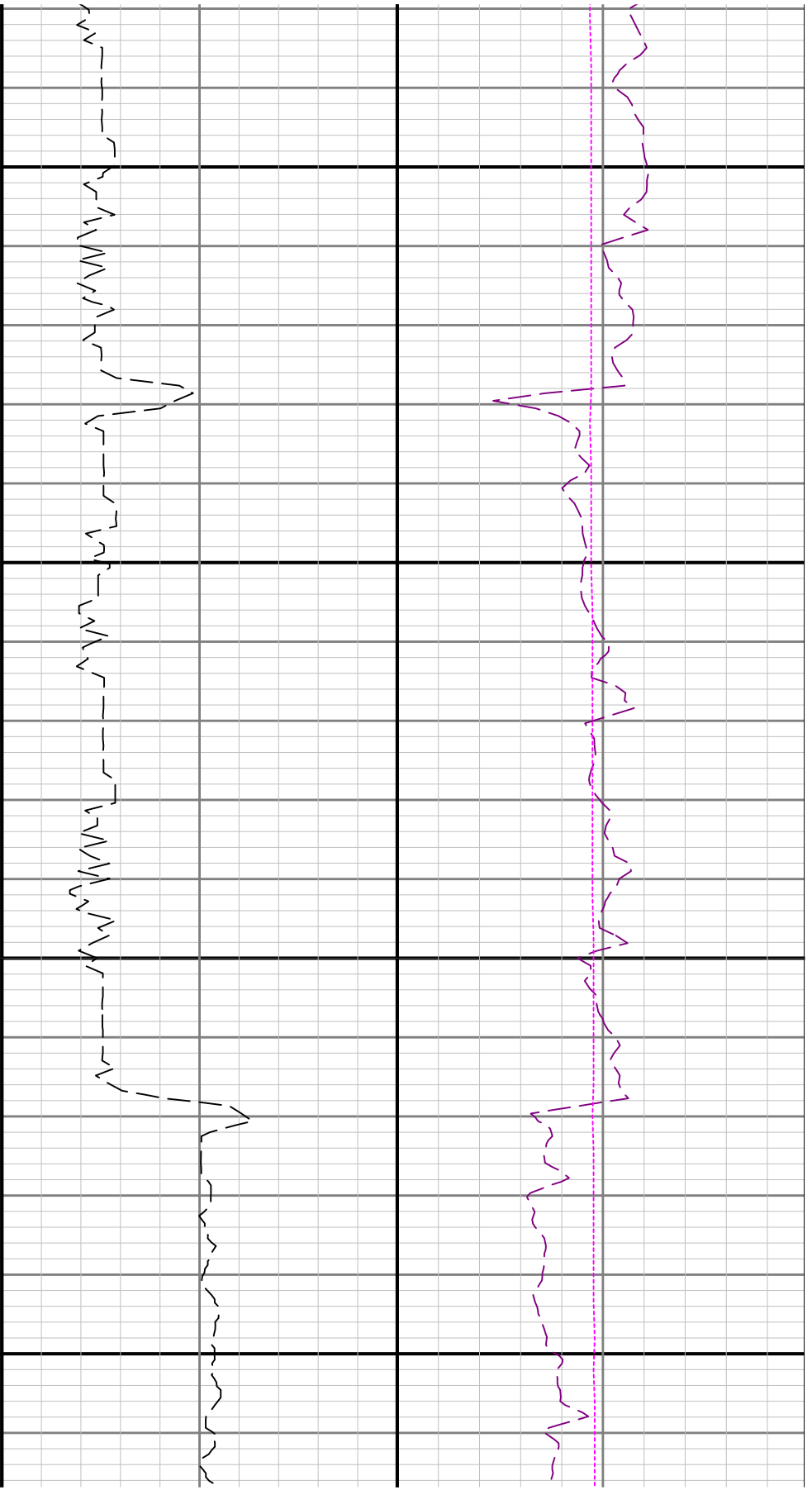




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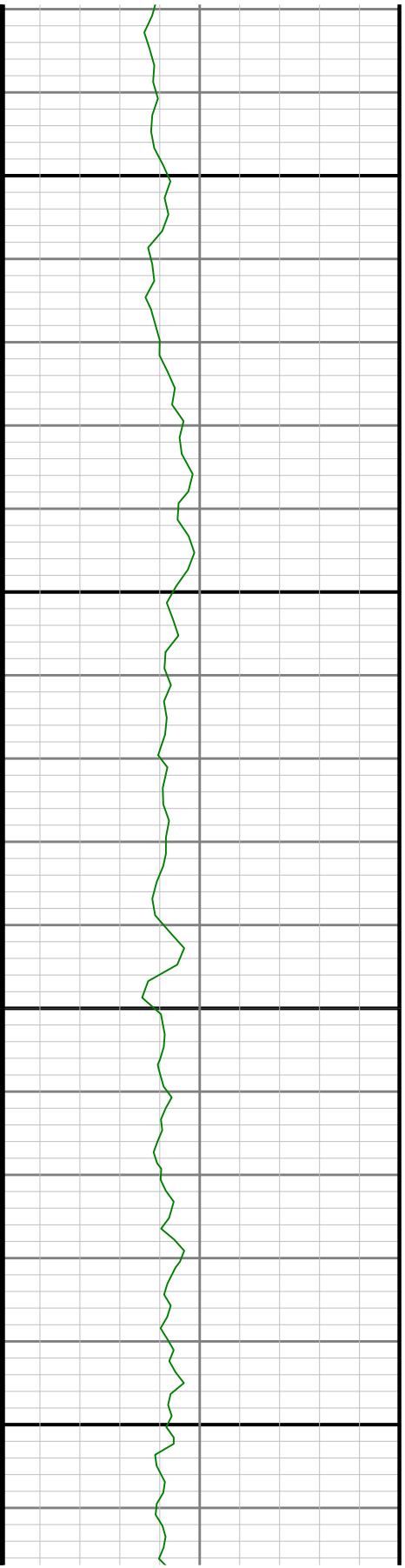
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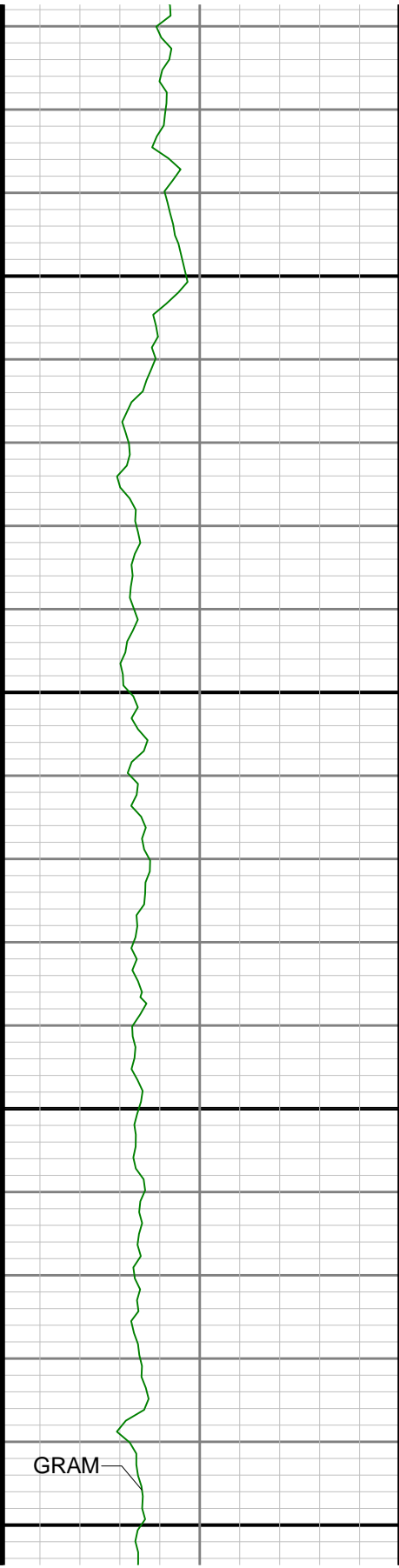




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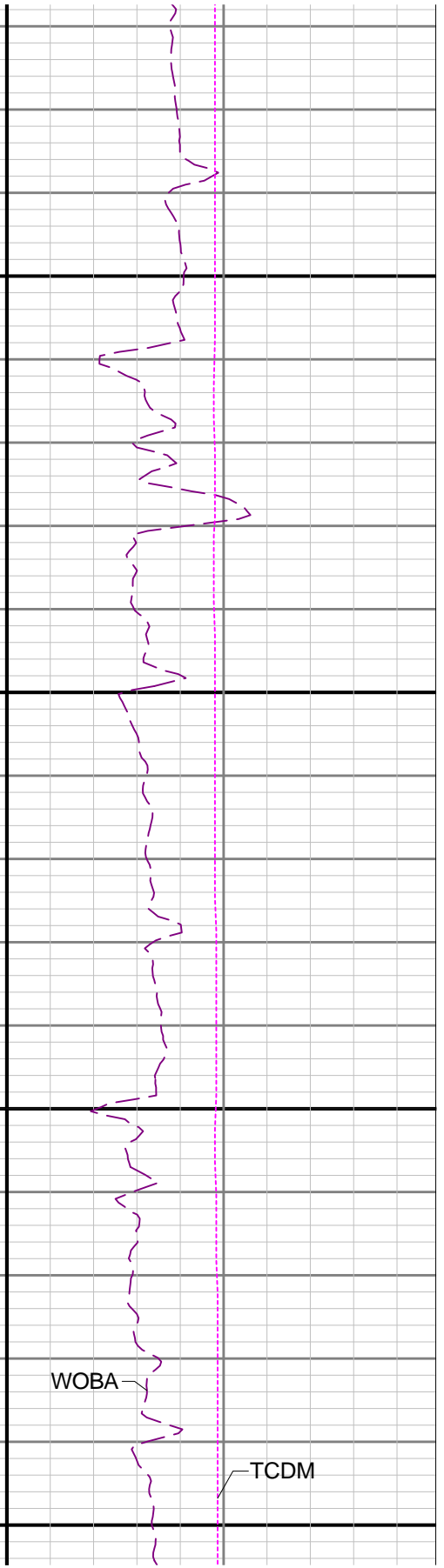
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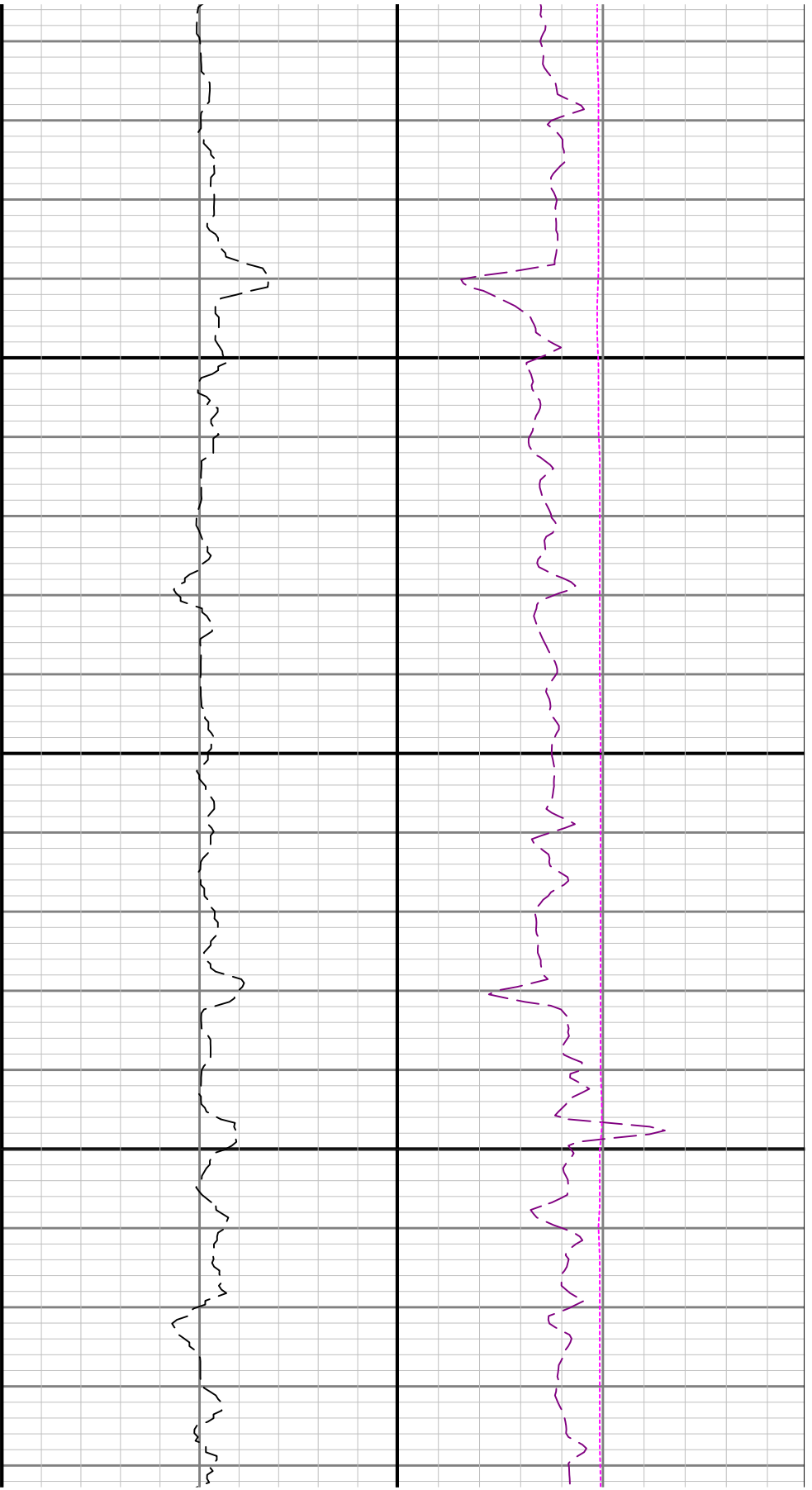
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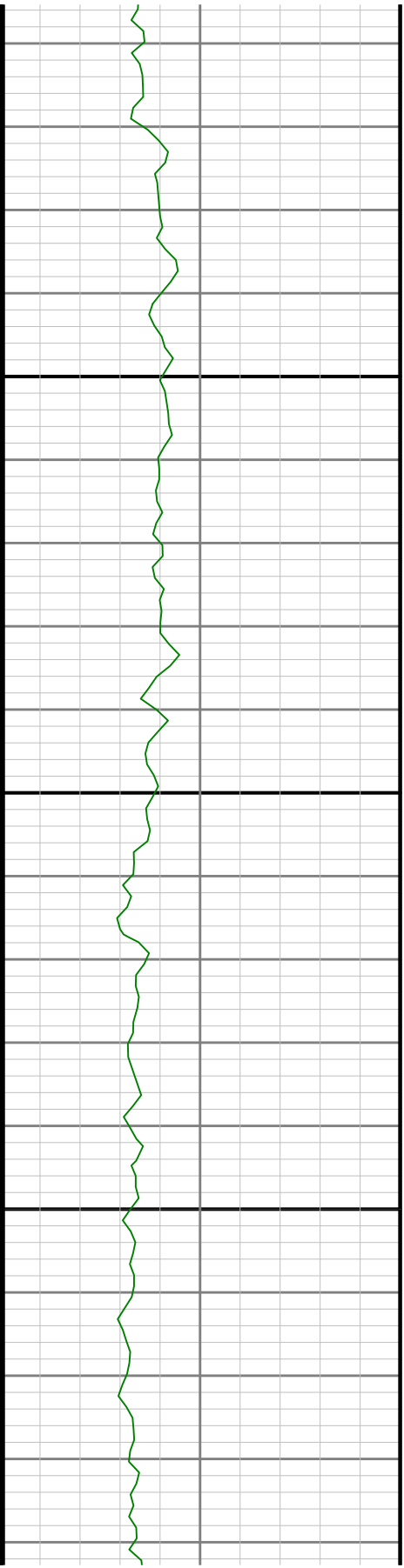
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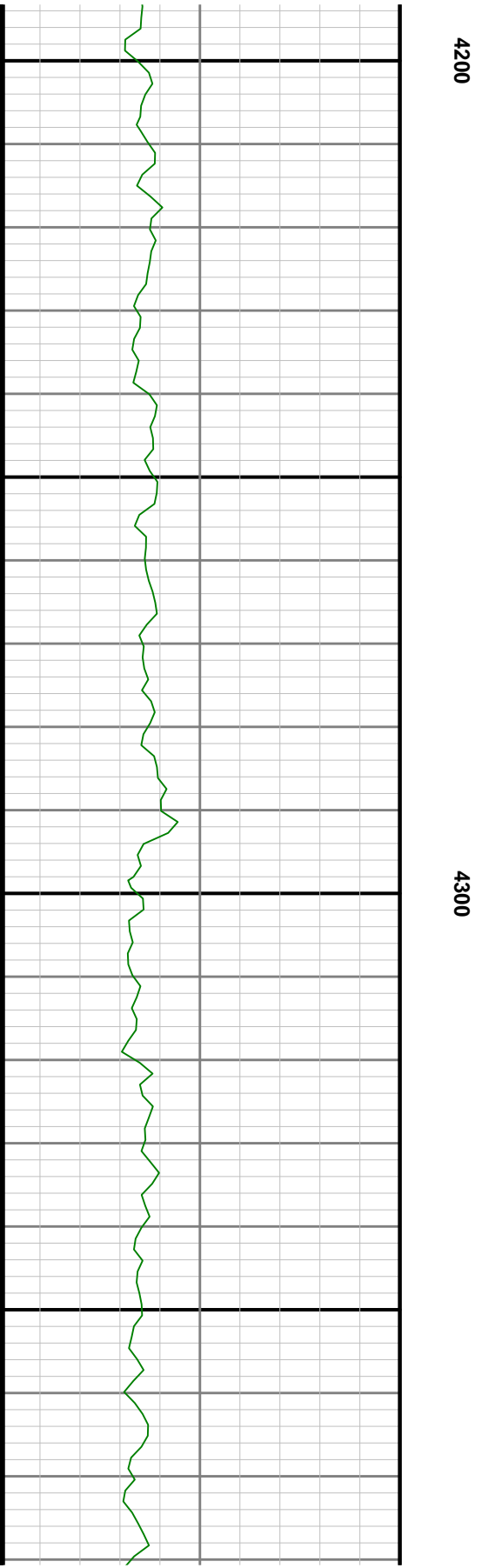
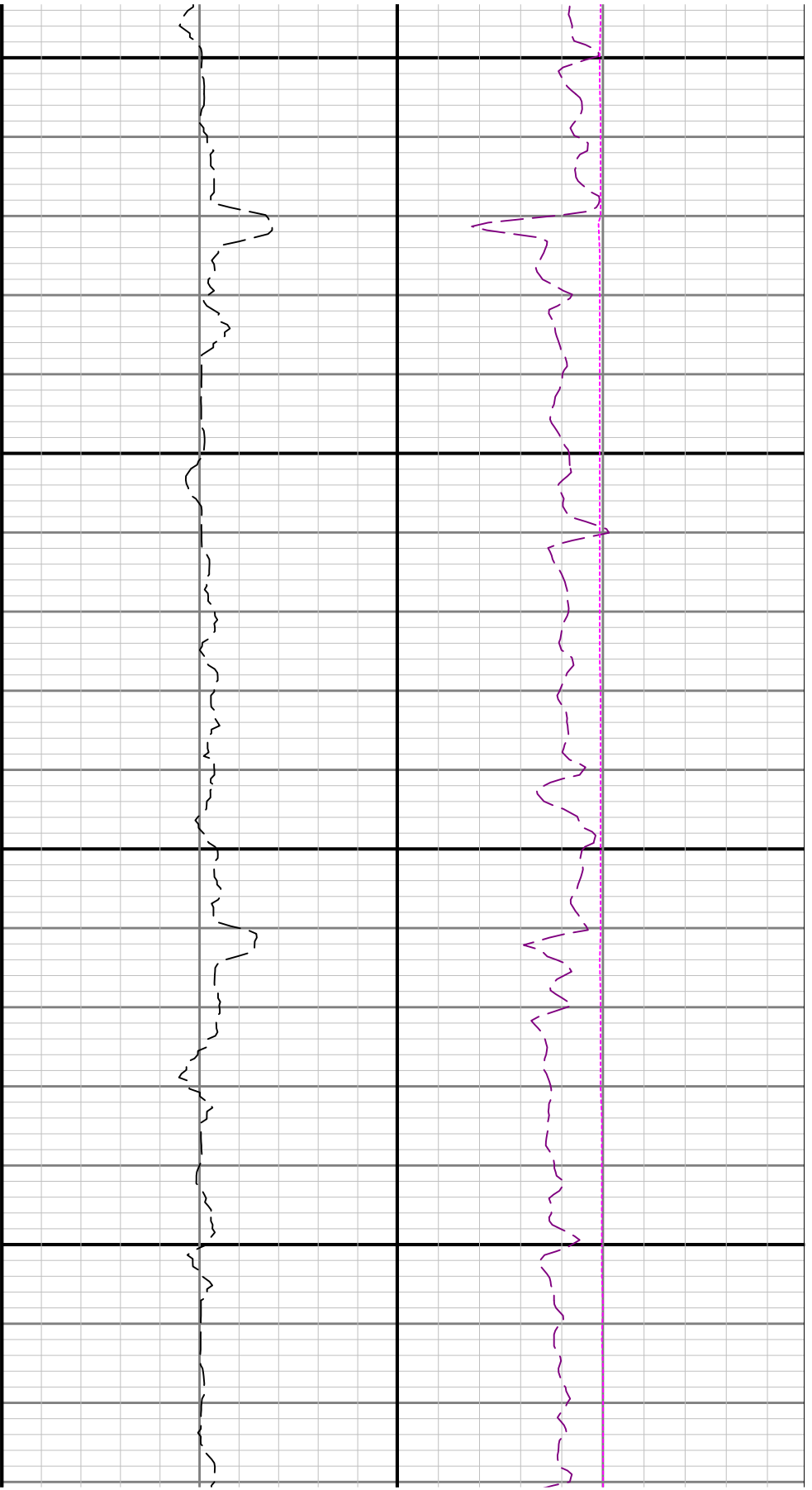
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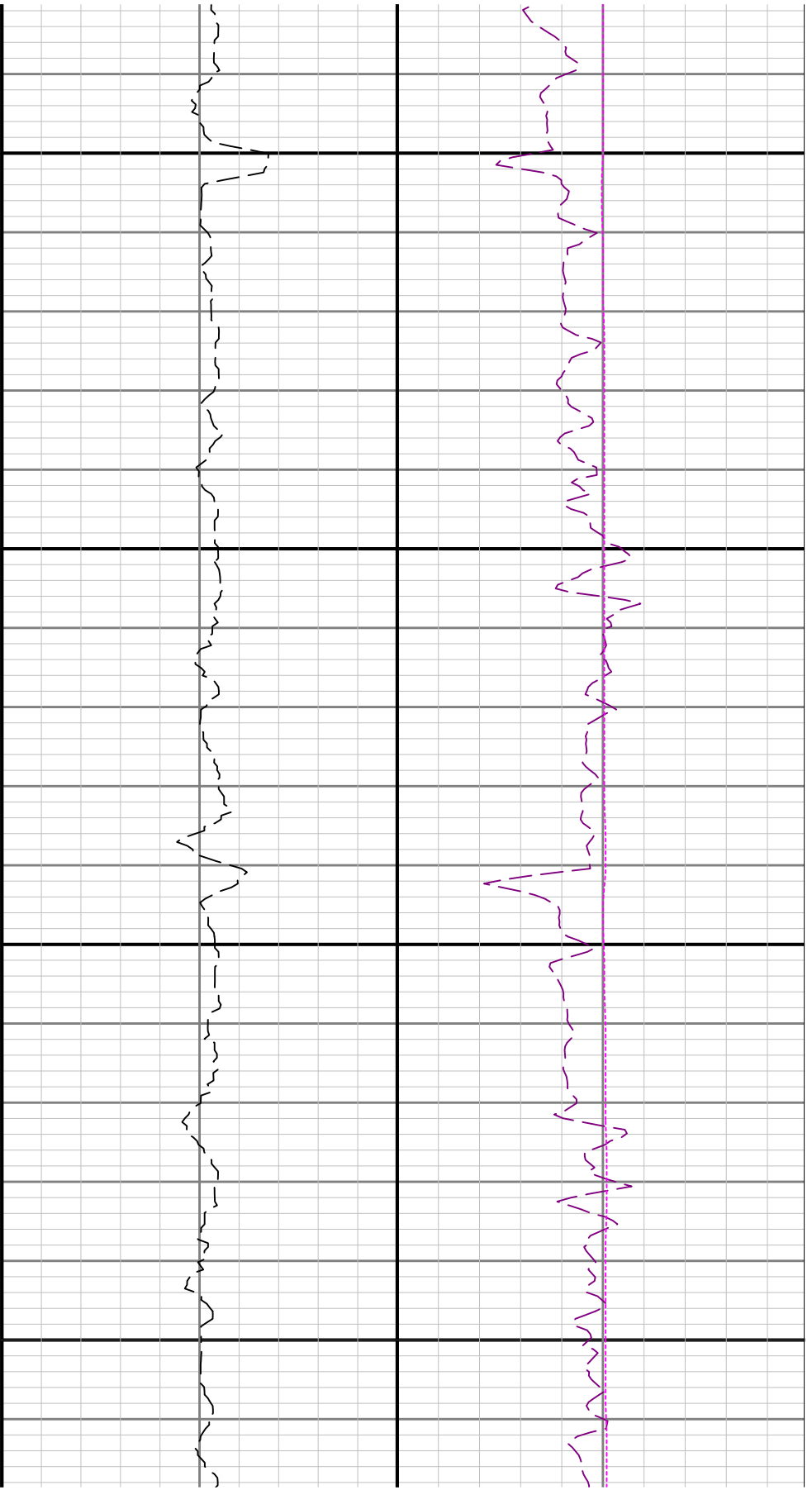




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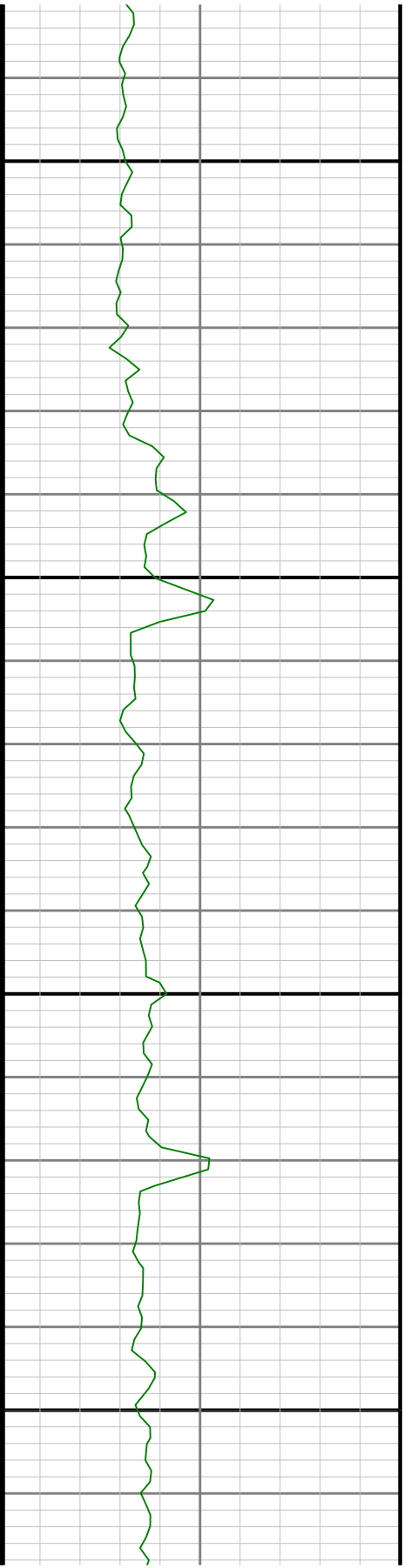


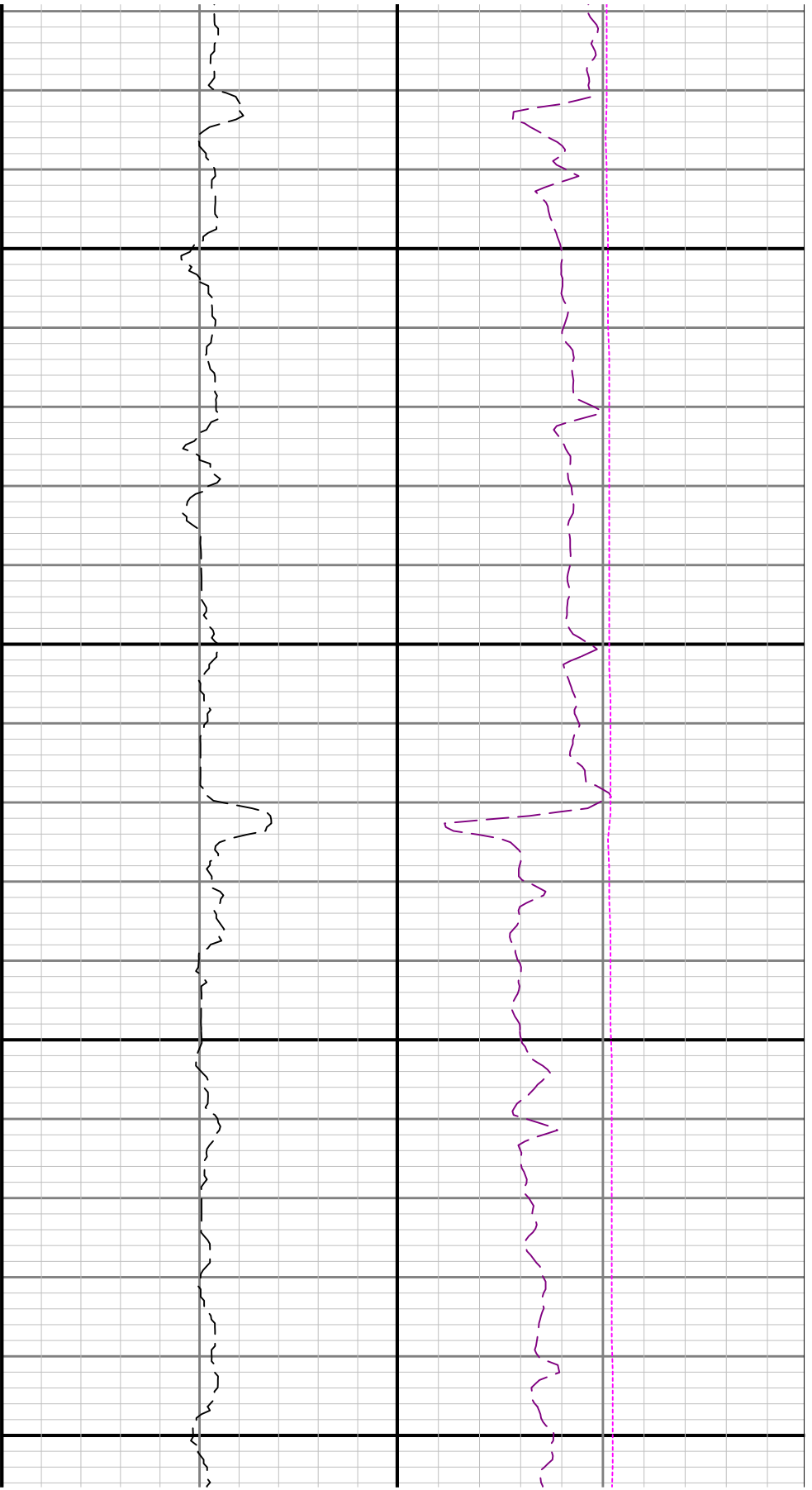




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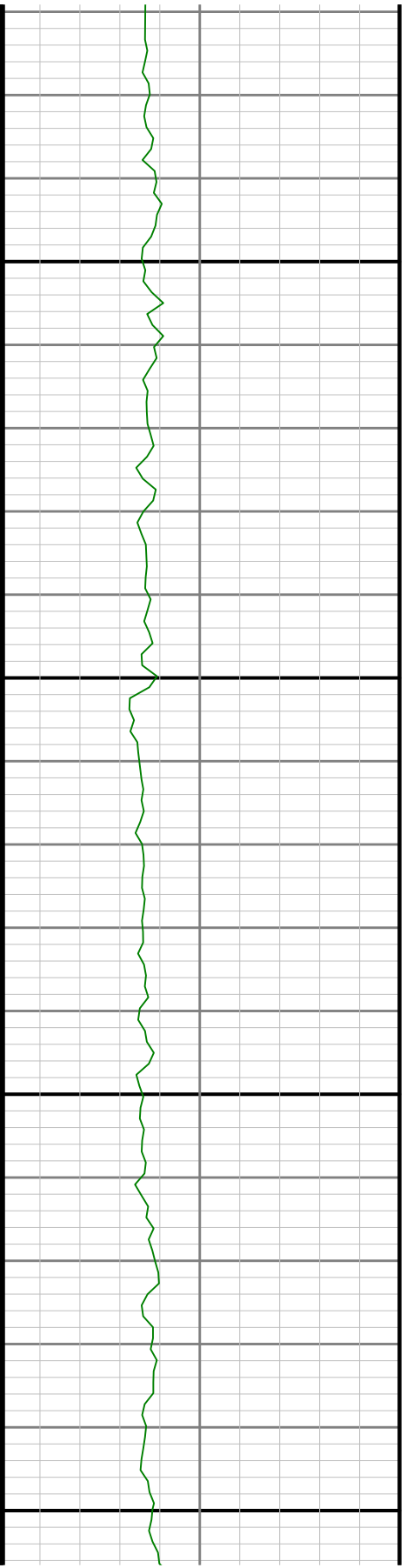
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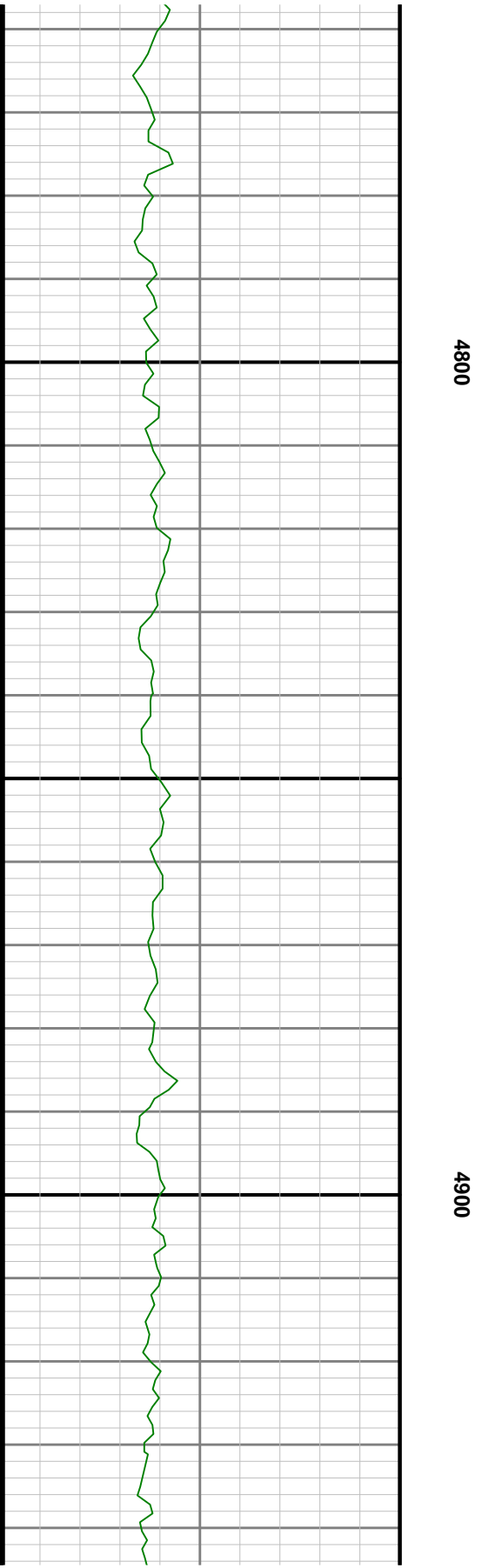
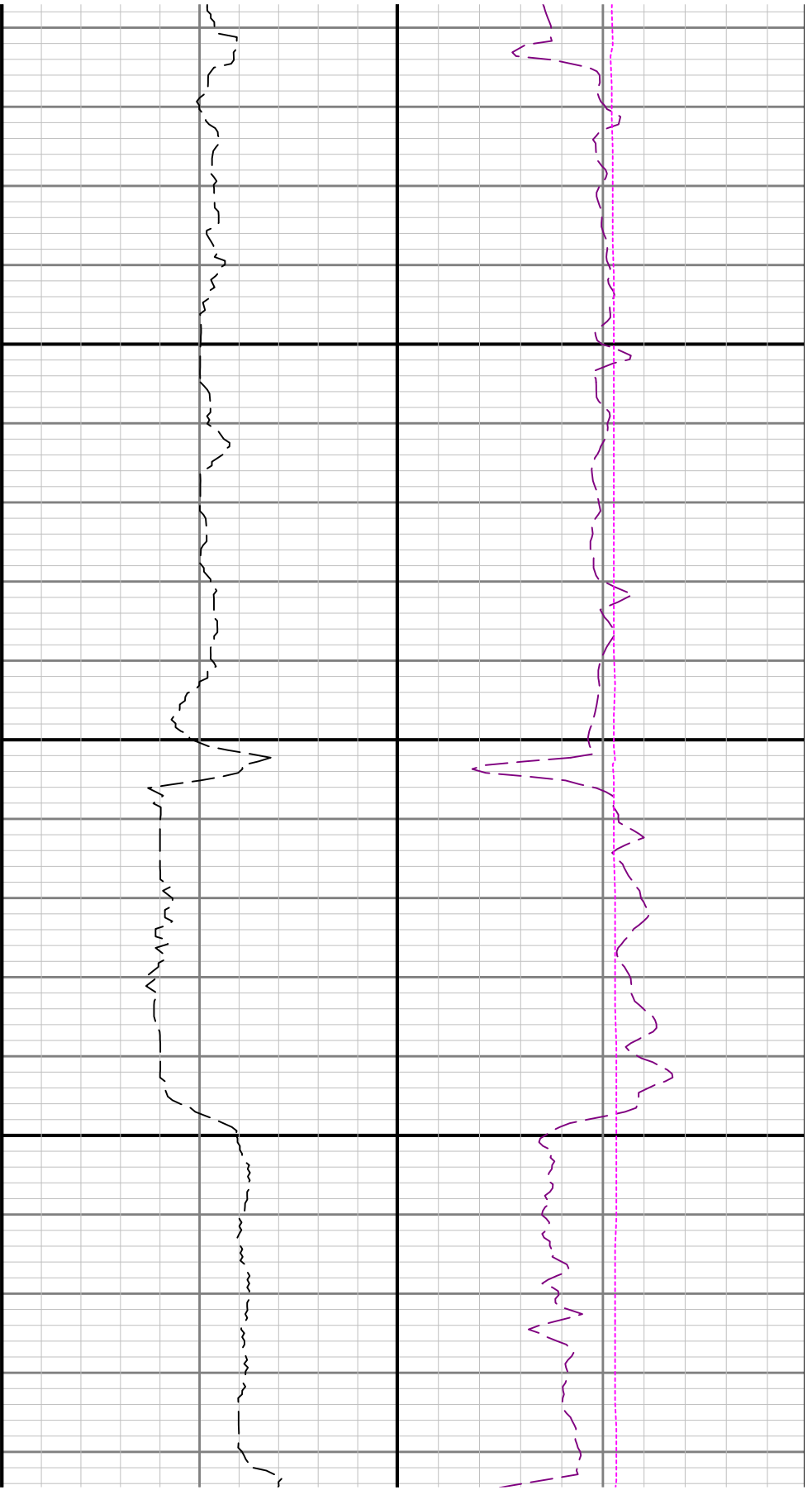


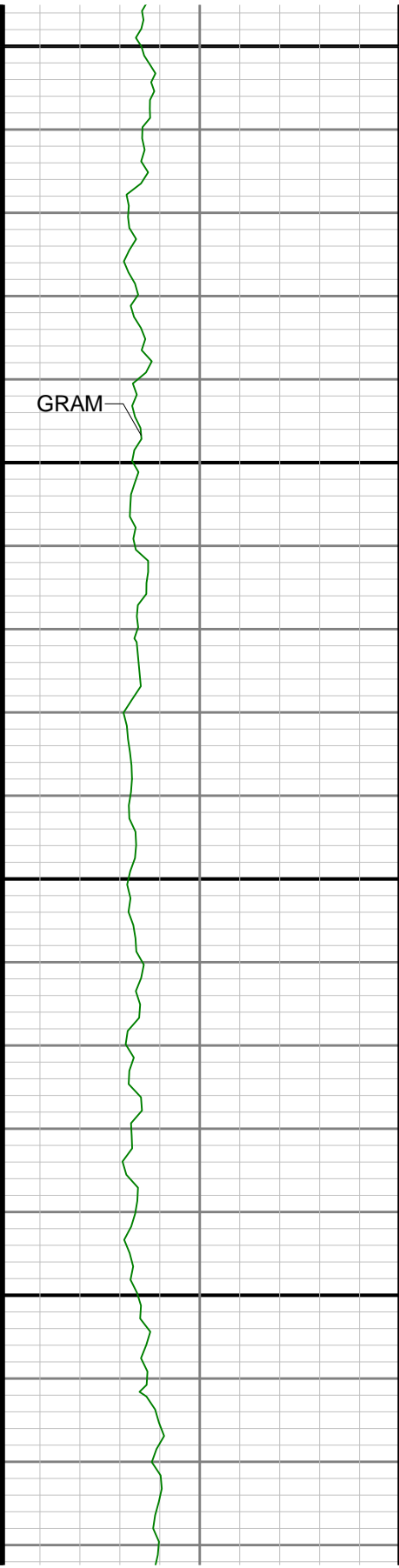


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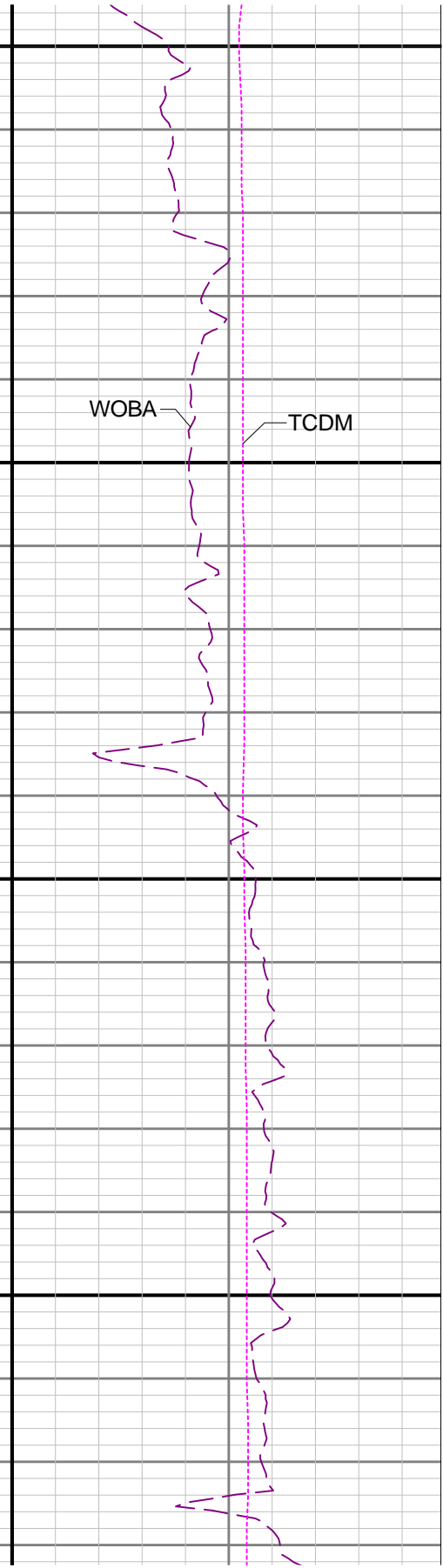
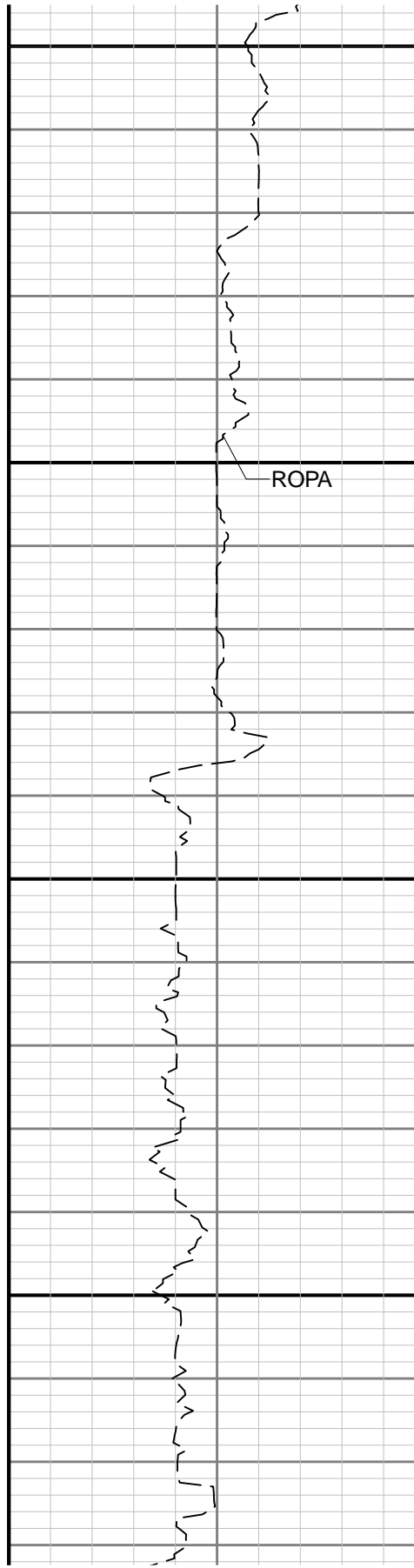


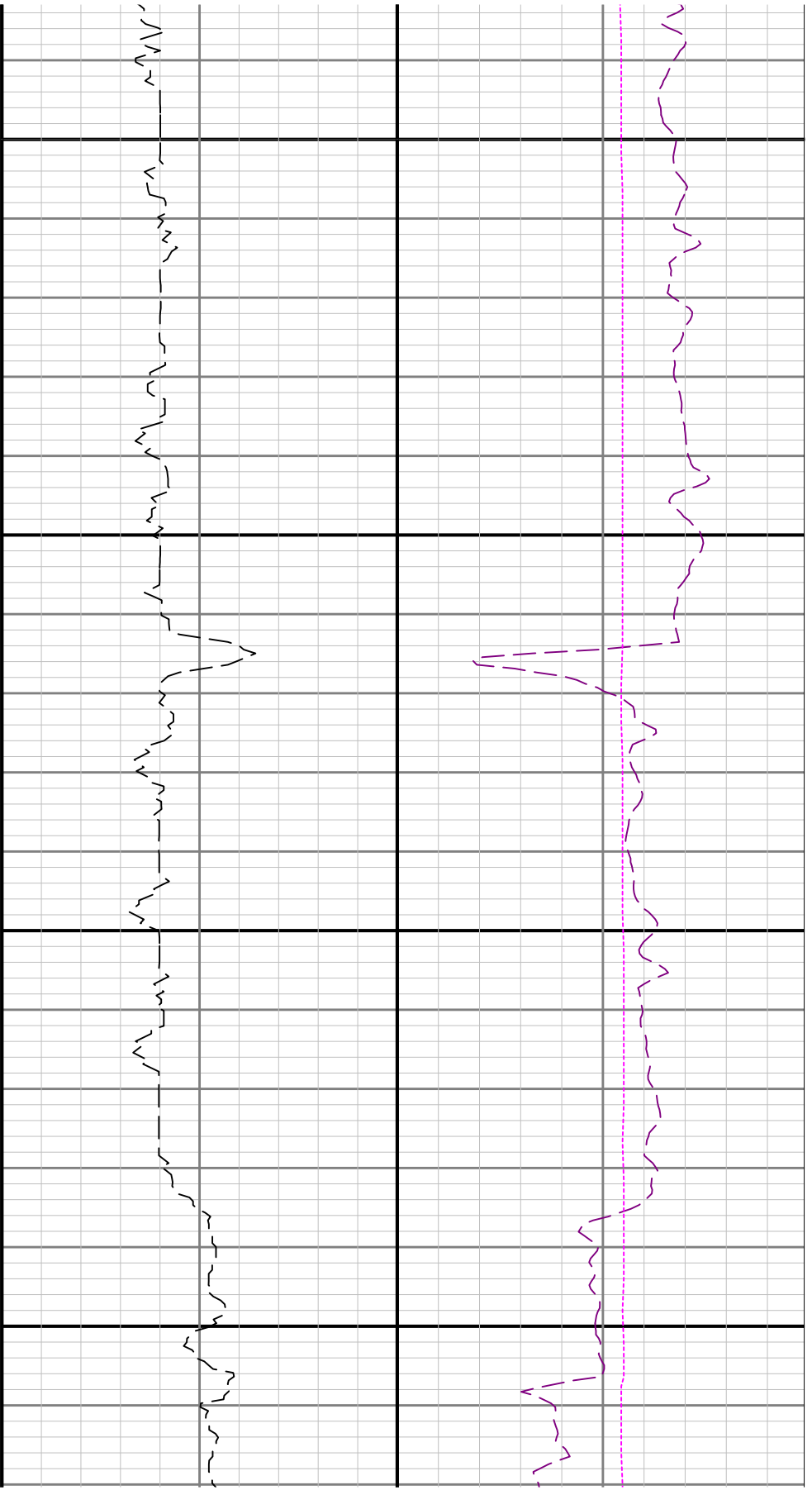




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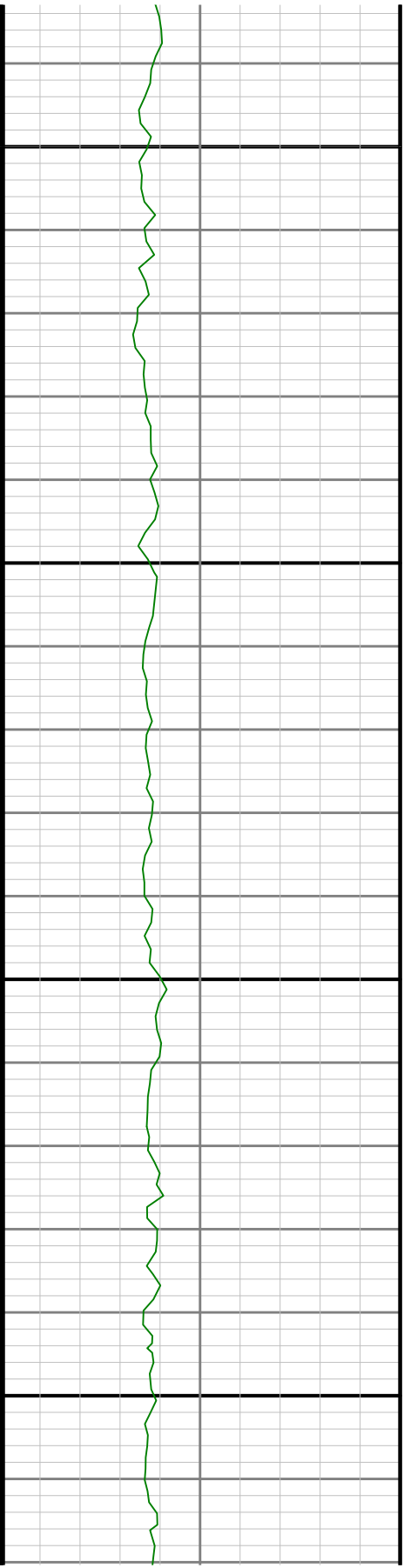
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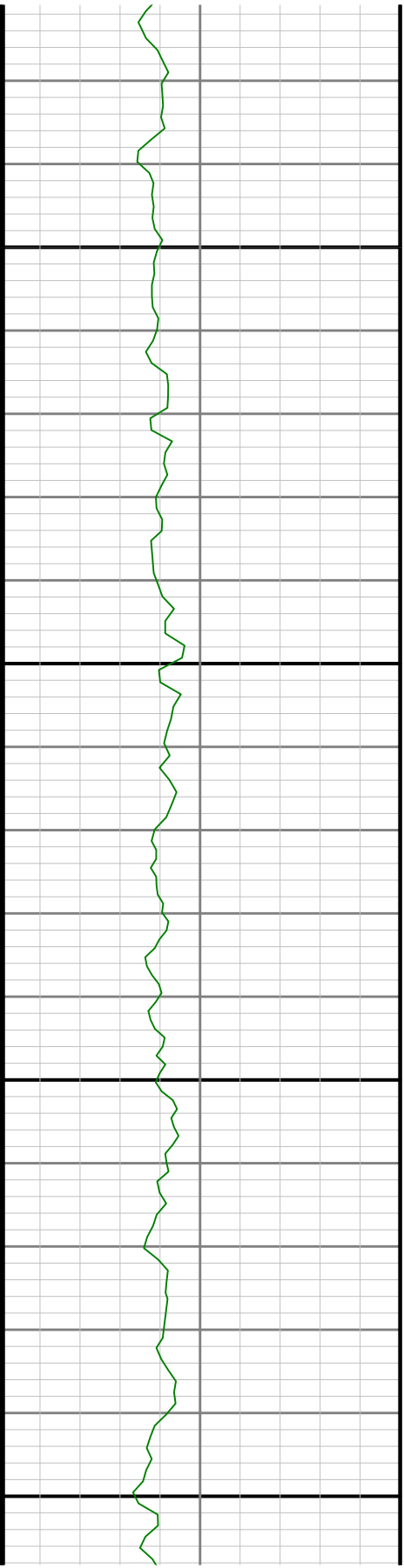
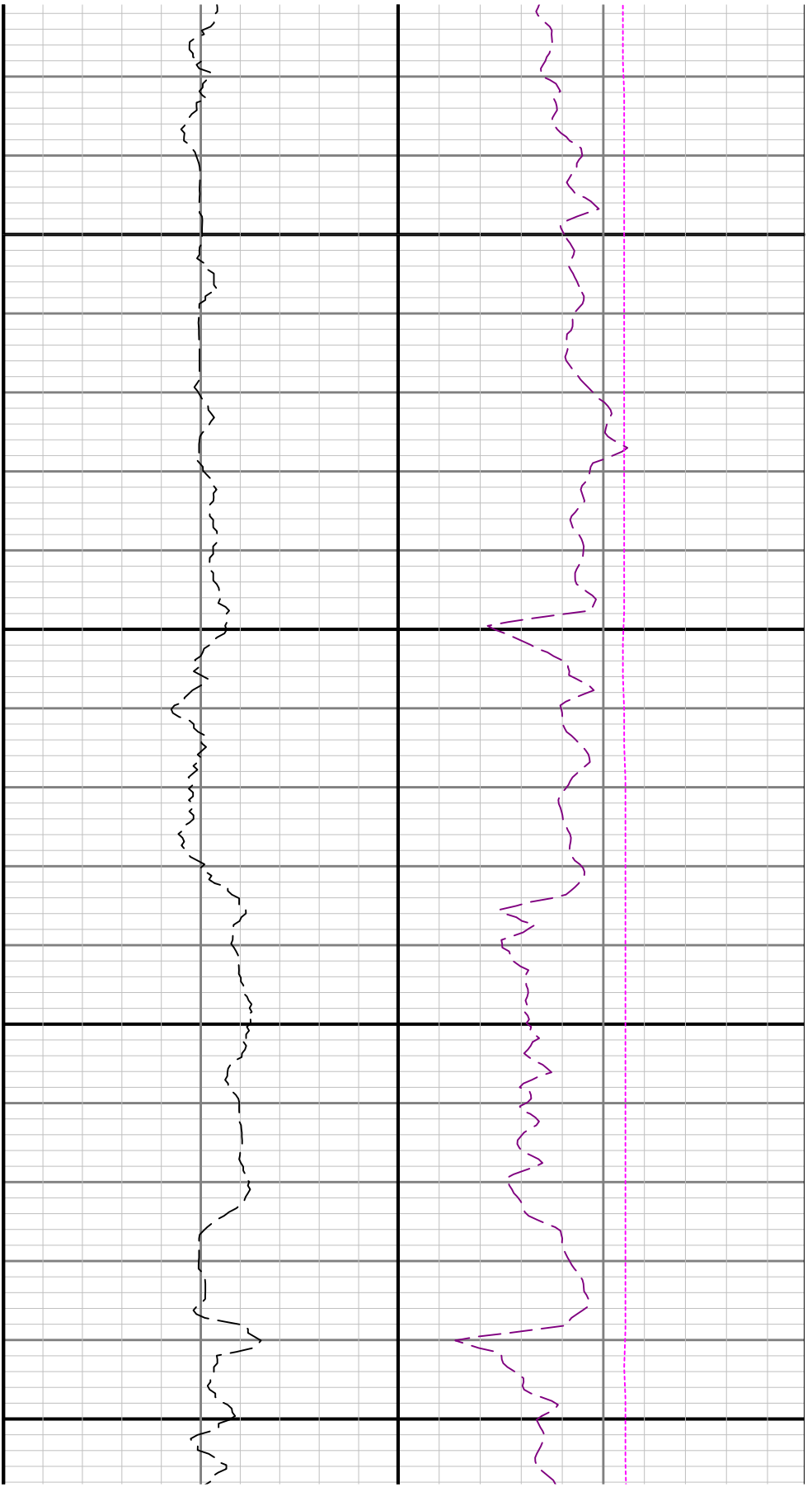


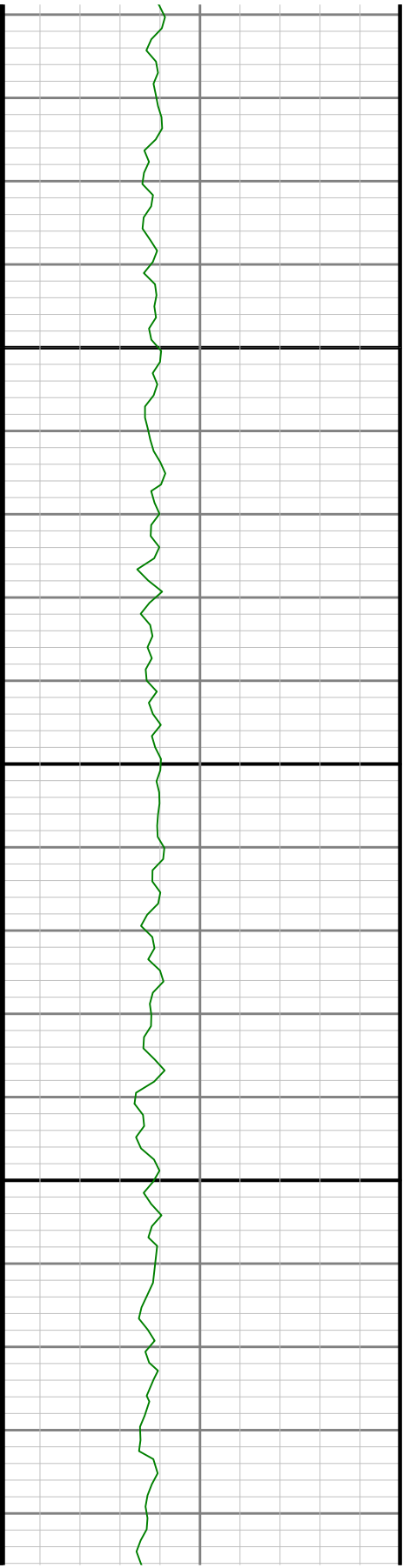


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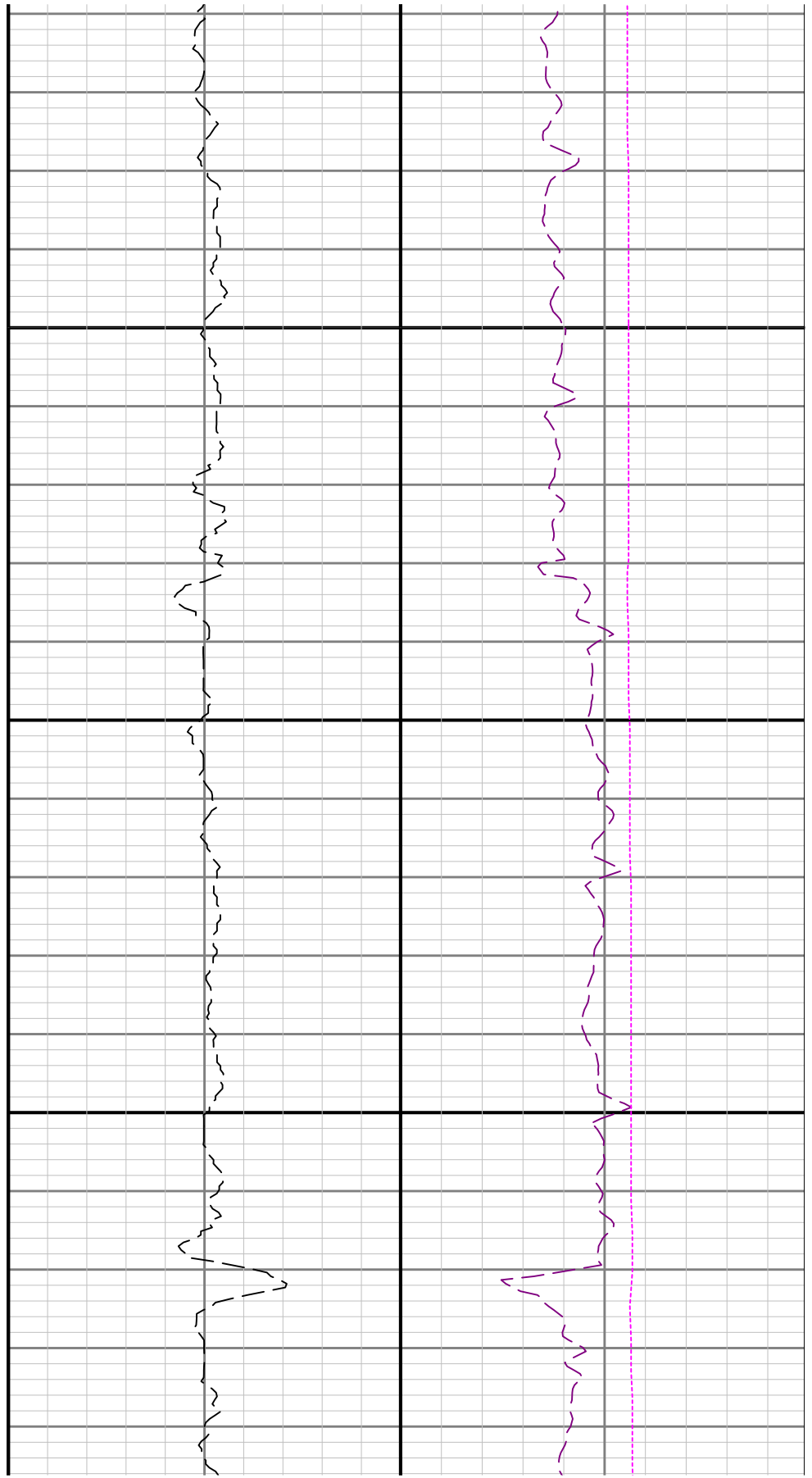
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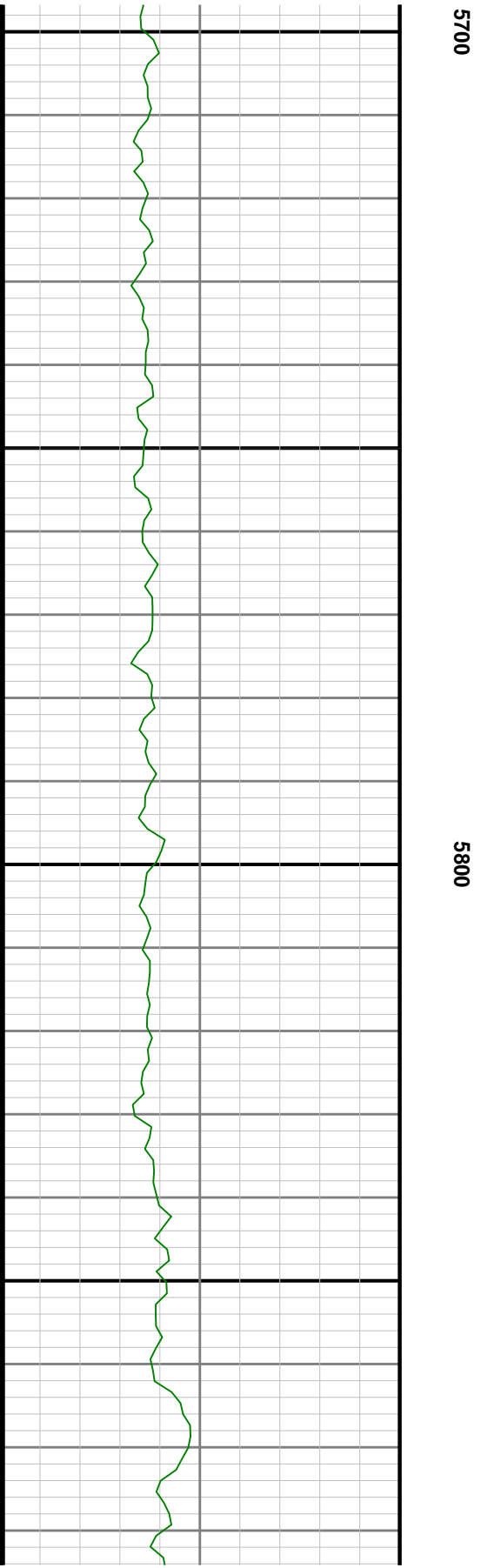
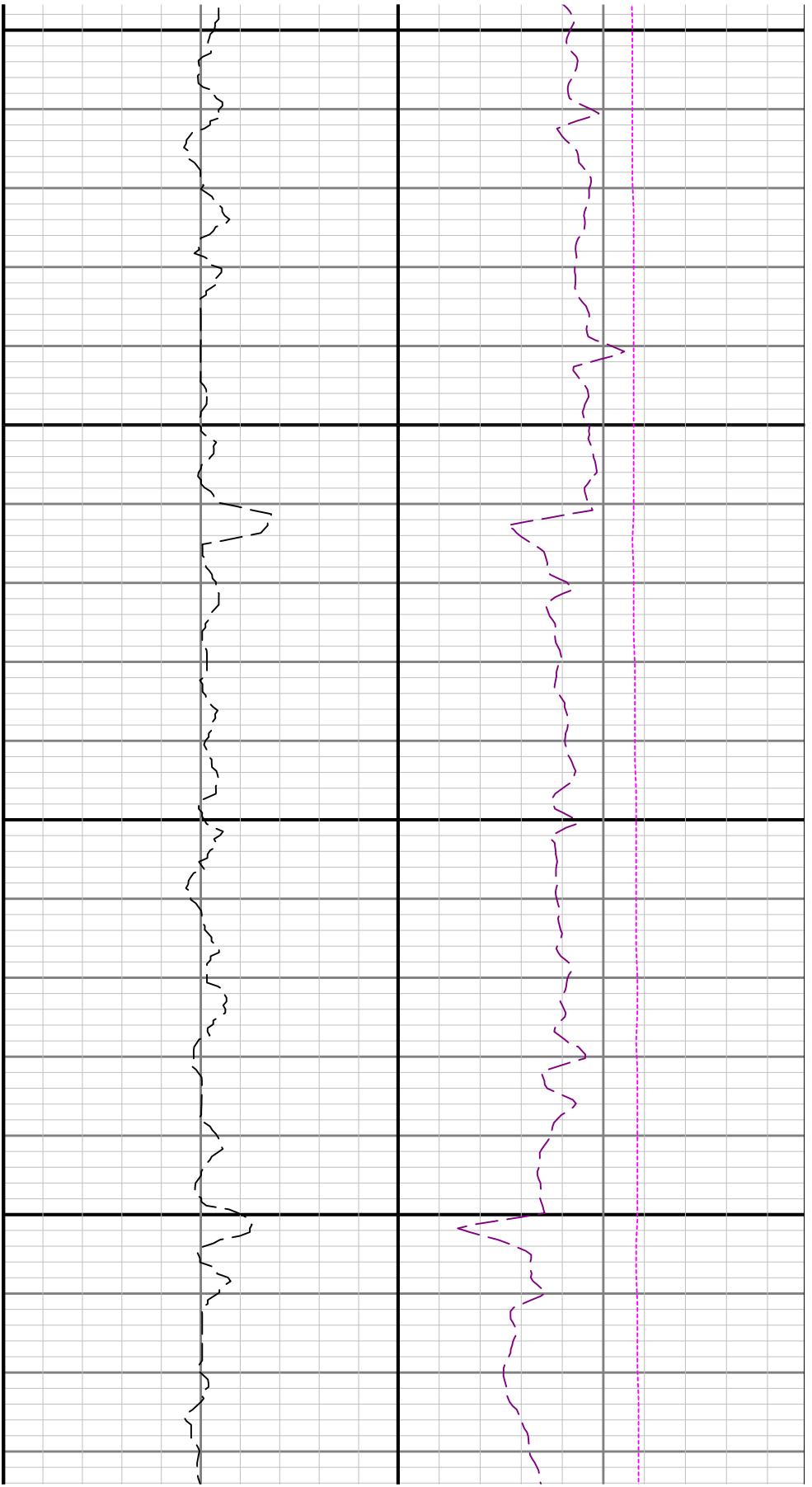


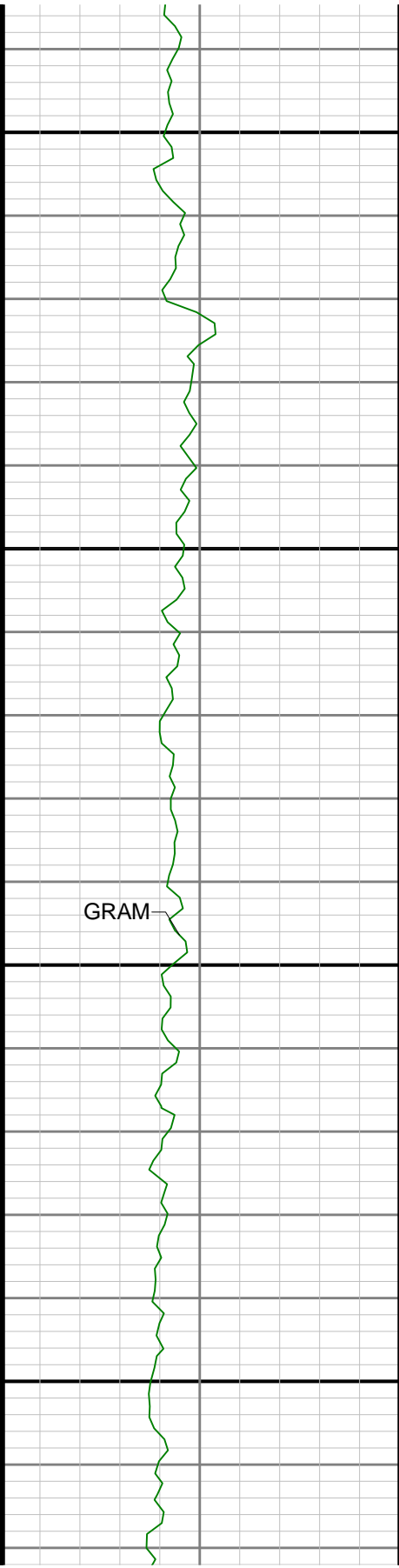




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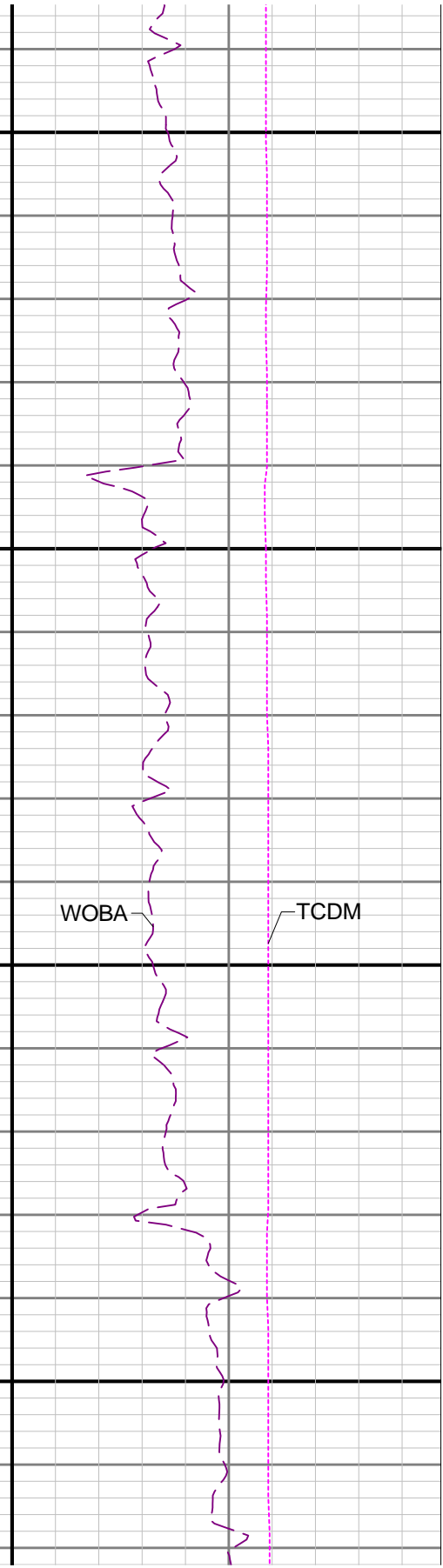
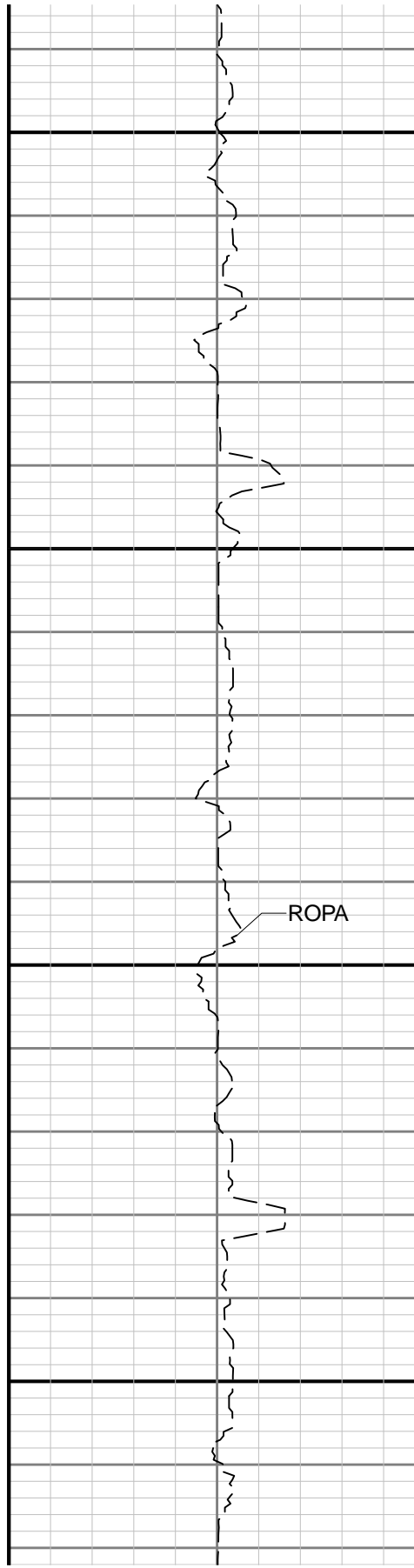


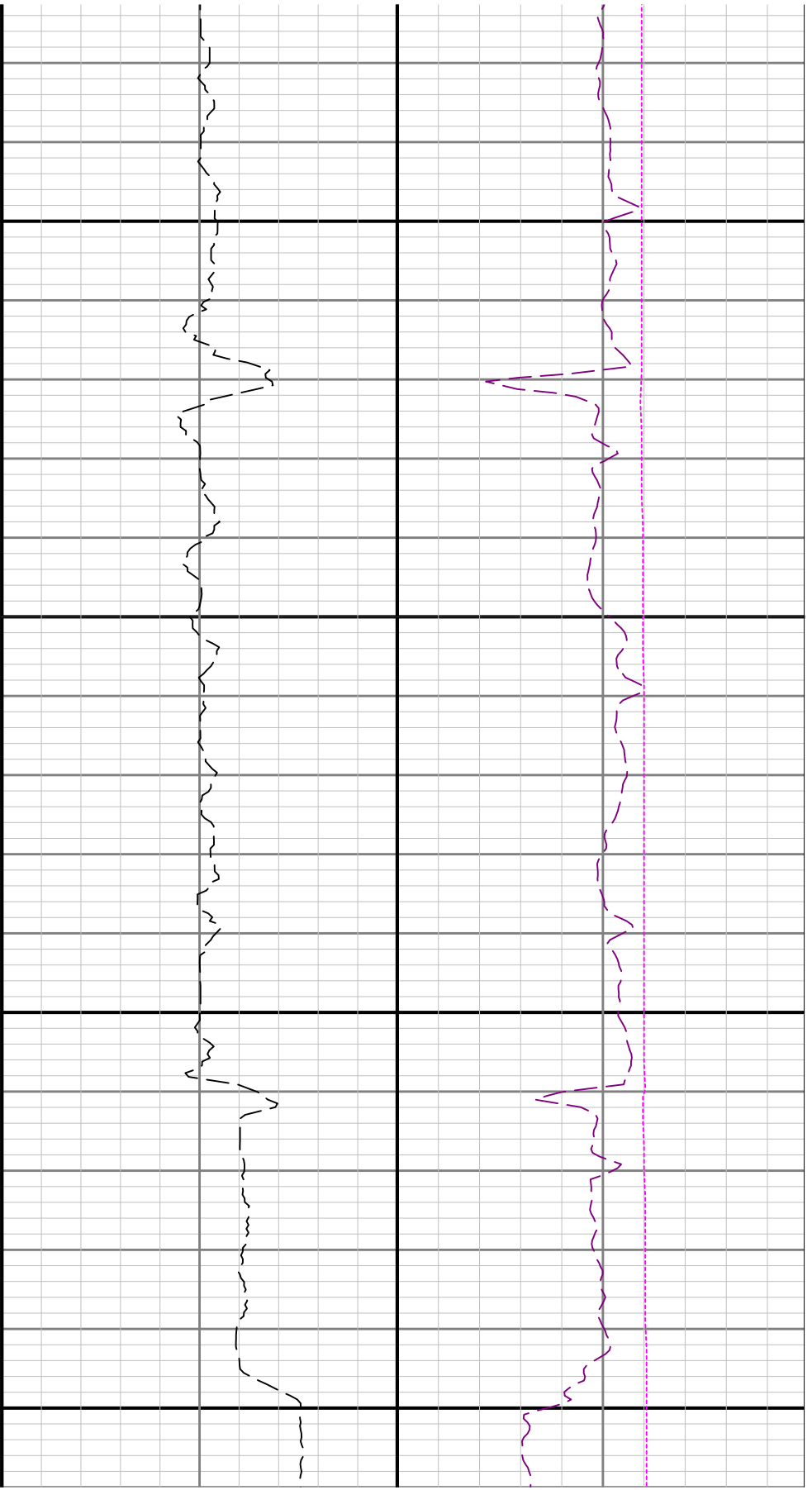




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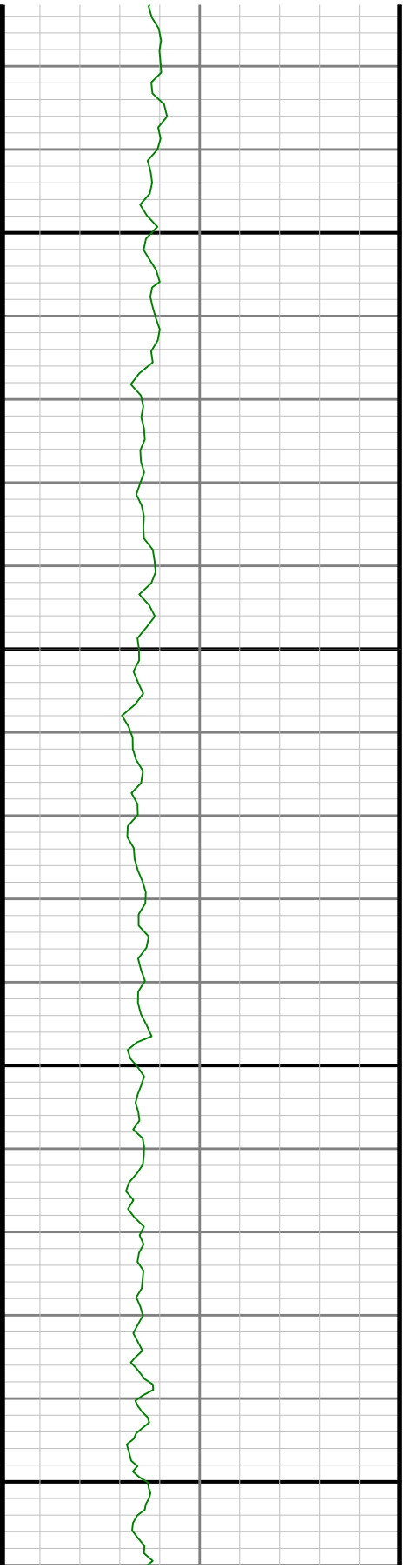
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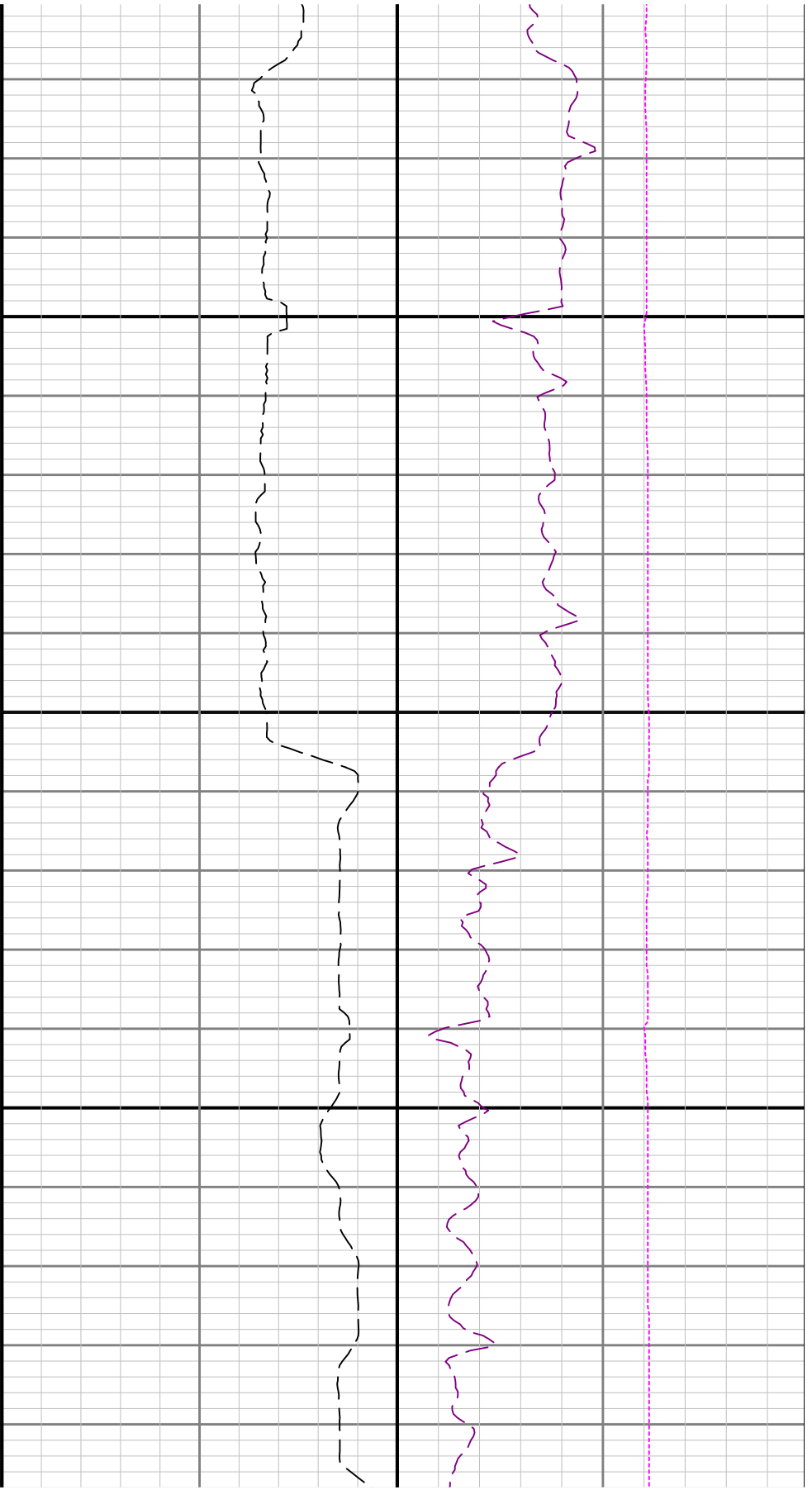




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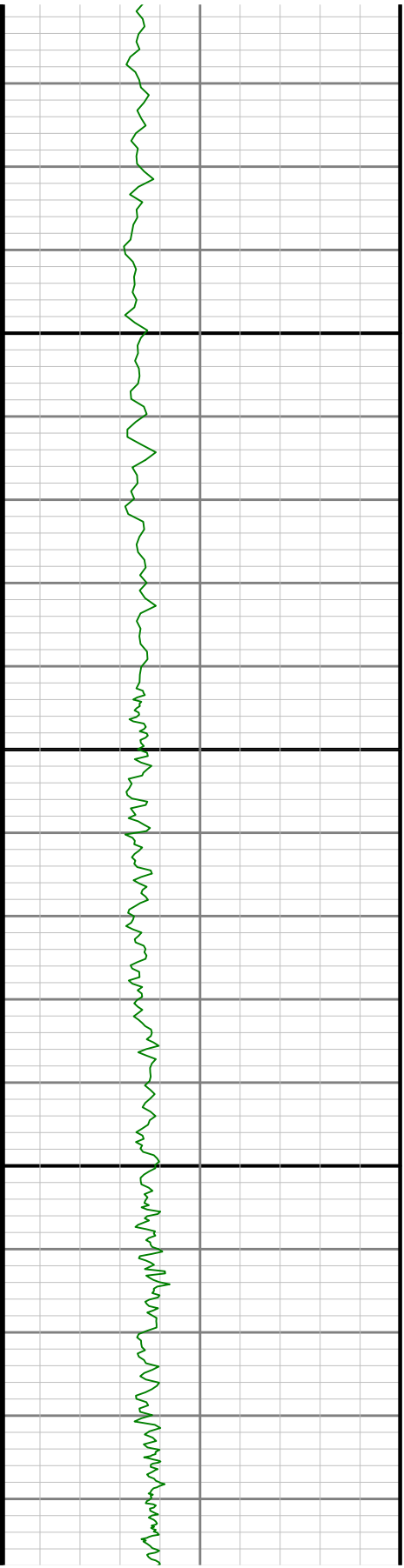
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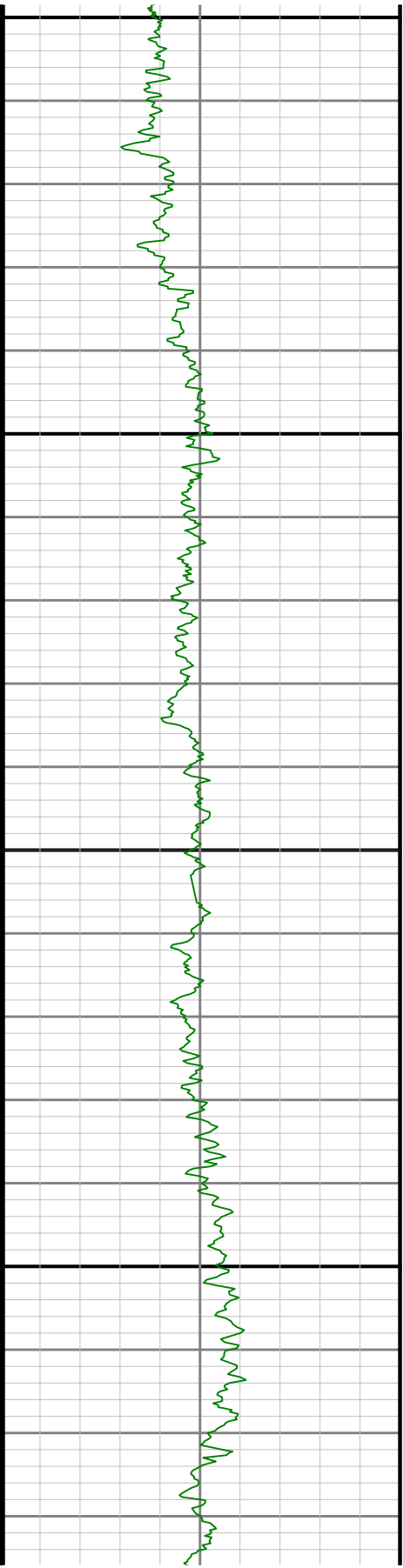




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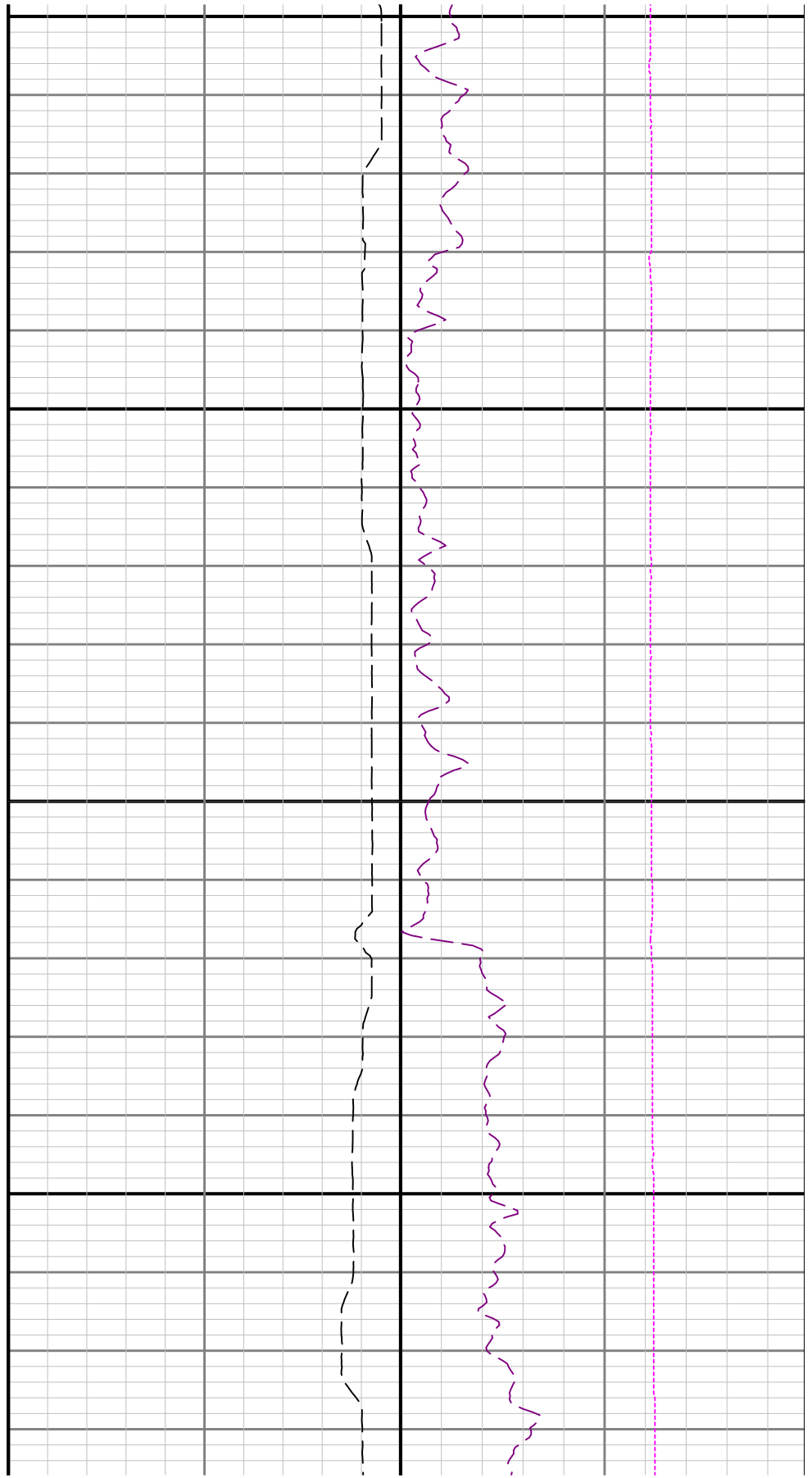
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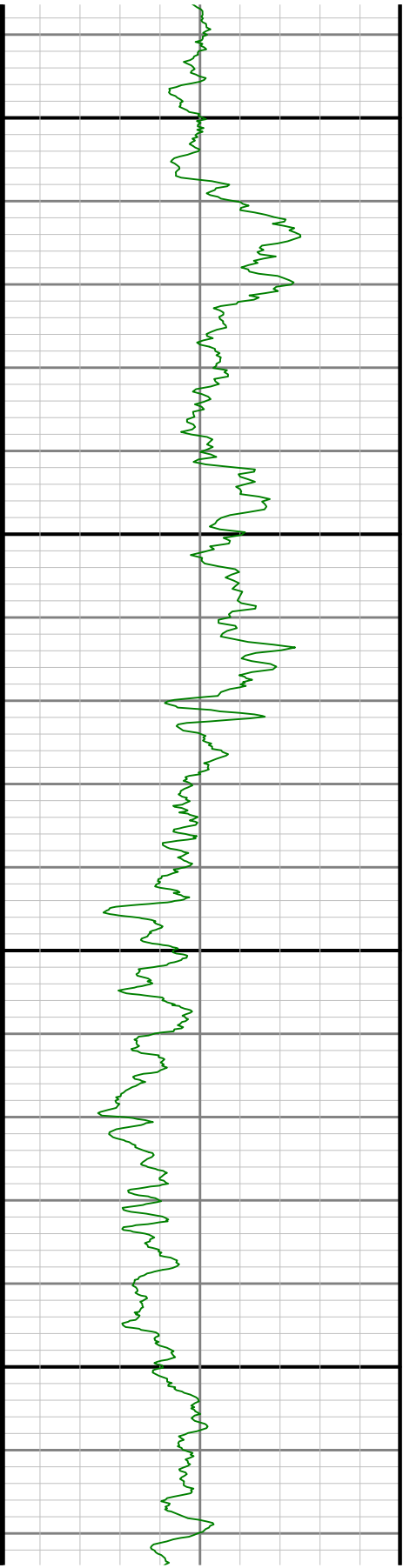




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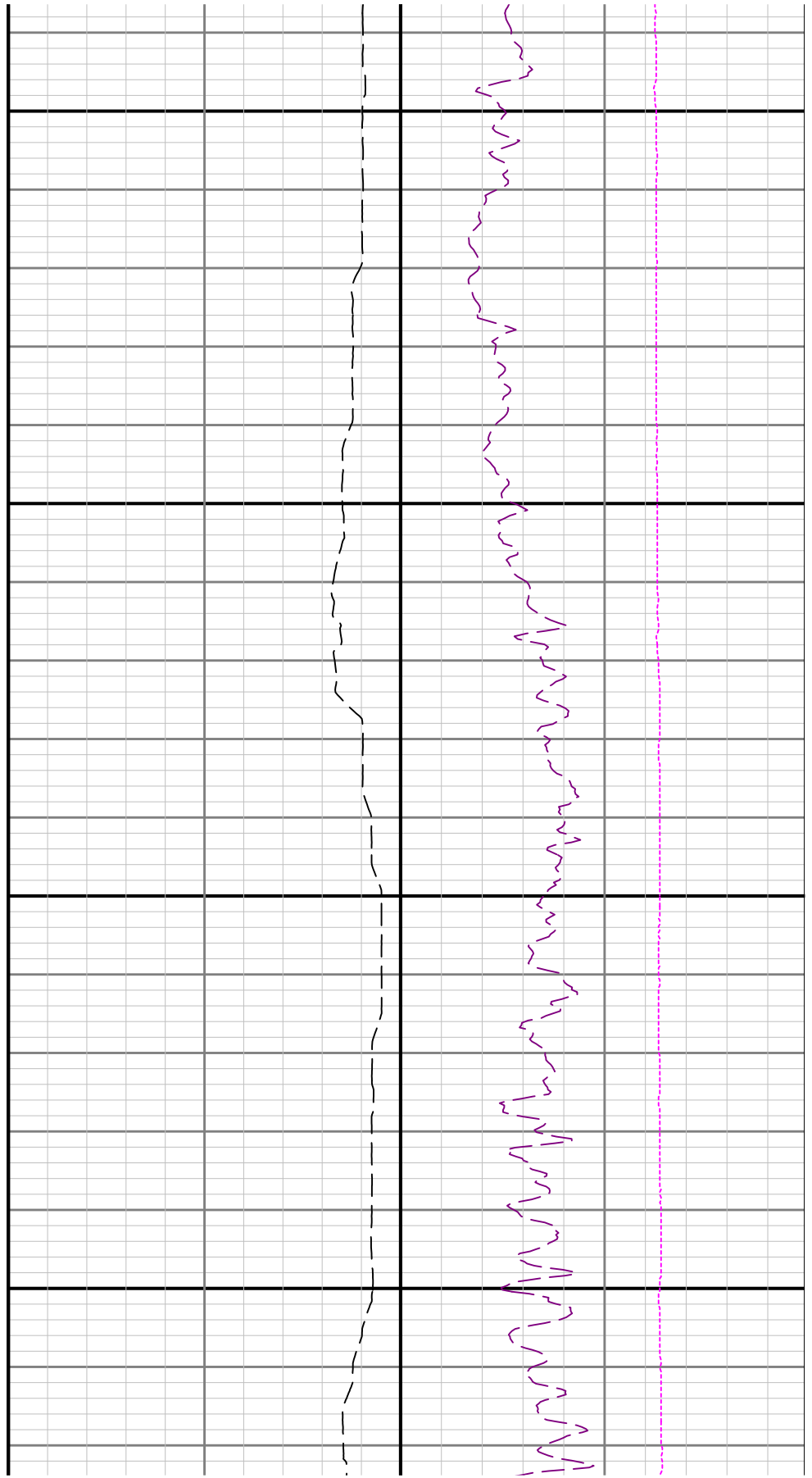
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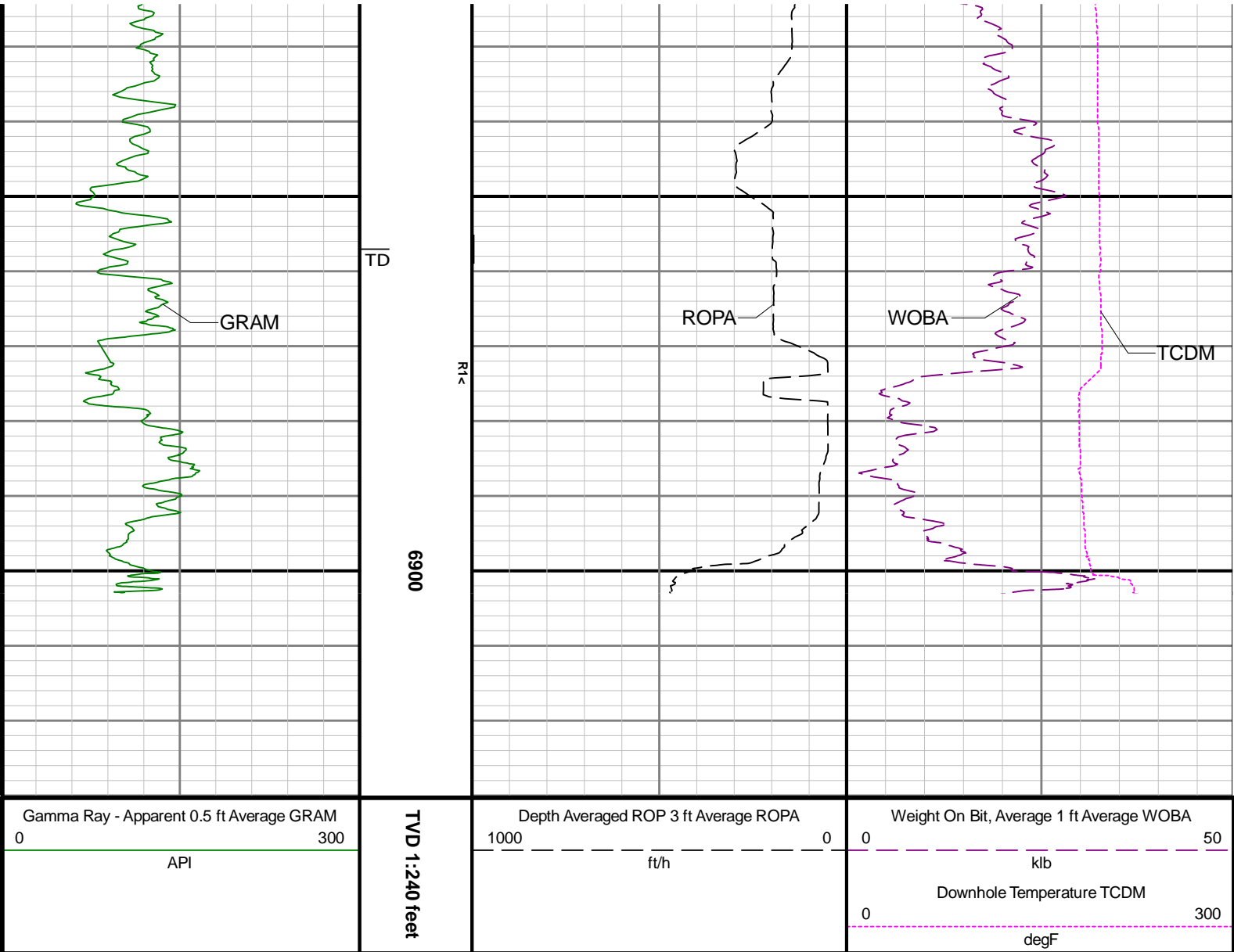




6700

6800





Directional Survey Summary													
Latitude:		40° 12' 23.058" N				Longitude:		104° 32' 28.835" W					
North Reference:		Grid				Drill Depth Zero:		Rig Floor					
Vertical Datum is:		Mean Sea Level				Vertical Datum to DDZ: (ft)		4855.00					
Vertical Section North: (ft)		0.00				Vertical Section East: (ft)		0.00					
Vertical Section Azimuth: (deg)		174.24				Magnetic Declination: (deg)		7.99					
Grid Convergence: (deg)		-0.62				TVD Calculation Method:		Minimum Curvature					
Total Correction: (deg)		7.37				Local Magnetic Field: (nT)		51979					
Magnetic Correction:		Off				Local Gravity Field: (m/s2)		9.800					
Local Magnetic Dip Angle: (deg)		66.63											
Tie-In / Projection	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Temperature (degF)	North (ft)	East (ft)	True Vertical Depth (ft)	TVD Subsea (ft)	Vertical Section (ft)	Course Length (ft)	Dog Leg Severity (deg/100ft)	Build Rate (deg/100ft)	Turn Rate (deg/100ft)
Tie-In	0.00	0.00	0.00	N/A	0.00	0.00	0.00	-4855.00	0.00	0.00	0.00	0.00	0.00
	81.00	0.12	94.08	N/A	-0.01	0.08	81.00	-4774.00	0.01	81.00	0.15	0.15	116.15
	175.00	0.26	169.16	N/A	-0.22	0.22	175.00	-4680.00	0.24	94.00	0.27	0.15	79.87
	267.00	0.40	78.66	N/A	-0.36	0.58	267.00	-4588.00	0.42	92.00	0.52	0.15	-98.37
	361.00	0.49	69.60	N/A	-0.16	1.28	361.00	-4494.00	0.29	94.00	0.12	0.10	-9.64
	456.00	0.23	235.12	N/A	0.23	1.48	456.00	-4238.04	0.13	25.00	0.73	0.23	153.23

		456.00	0.22	285.12	N/A	0.03	1.48	455.99	-4399.01	0.12	95.00	0.72	-0.28	-152.08
		550.00	0.44	306.25	N/A	0.29	1.01	549.99	-4305.01	-0.19	94.00	0.26	0.23	22.48
		645.00	0.25	343.46	N/A	0.70	0.66	644.99	-4210.01	-0.63	95.00	0.30	-0.20	39.17
		739.00	0.61	17.51	N/A	1.38	0.75	738.99	-4116.01	-1.30	94.00	0.45	0.38	36.22
		834.00	0.57	355.77	N/A	2.33	0.87	833.98	-4021.02	-2.23	95.00	0.24	-0.04	-22.88
		928.00	0.47	304.27	N/A	3.01	0.52	927.98	-3927.02	-2.95	94.00	0.49	-0.11	-54.79
		1023.00	0.54	265.26	N/A	3.20	-0.25	1022.98	-3832.02	-3.21	95.00	0.36	0.07	-41.06
		1117.00	0.58	249.73	N/A	3.00	-1.14	1116.97	-3738.03	-3.10	94.00	0.17	0.04	-16.52
		1212.00	0.38	261.51	N/A	2.78	-1.90	1211.97	-3643.03	-2.96	95.00	0.23	-0.21	12.40
		1306.00	0.26	259.19	N/A	2.70	-2.42	1305.97	-3549.03	-2.93	94.00	0.13	-0.13	-2.47
		1401.00	0.32	219.51	N/A	2.45	-2.80	1400.97	-3454.03	-2.72	95.00	0.22	0.06	-41.77
		1495.00	0.23	216.84	N/A	2.10	-3.08	1494.97	-3360.03	-2.40	94.00	0.10	-0.10	-2.84
		1590.00	0.34	209.30	N/A	1.70	-3.33	1589.96	-3265.04	-2.03	95.00	0.12	0.12	-7.94
		1684.00	0.25	223.19	N/A	1.31	-3.61	1683.96	-3171.04	-1.66	94.00	0.12	-0.10	14.78
		1779.00	0.30	126.50	N/A	1.01	-3.55	1778.96	-3076.04	-1.36	95.00	0.43	0.05	-101.78
		1873.00	0.55	114.60	N/A	0.67	-2.94	1872.96	-2982.04	-0.97	94.00	0.28	0.27	-12.66
		1946.00	1.05	127.90	N/A	0.12	-2.10	1945.95	-2909.05	-0.33	73.00	0.73	0.68	18.22
		2092.00	0.11	186.43	106.8	-0.84	-1.06	2091.94	-2763.06	0.73	146.00	0.68	-0.64	40.09
		2186.00	0.32	297.40	112.2	-0.81	-1.30	2185.94	-2669.06	0.68	94.00	0.40	0.22	118.05
		2281.00	1.80	116.57	117.6	-1.36	-0.20	2280.93	-2574.07	1.33	95.00	2.23	1.56	188.60
		2375.00	4.18	120.49	117.6	-3.76	4.07	2374.80	-2480.20	4.15	94.00	2.54	2.53	4.17
		2469.00	5.84	119.36	120.3	-7.84	11.19	2468.43	-2386.57	8.92	94.00	1.77	1.77	-1.20
		2564.00	7.19	120.10	123.0	-13.19	20.55	2562.82	-2292.18	15.19	95.00	1.42	1.42	0.78
		2658.00	8.92	119.68	125.7	-19.75	31.97	2655.89	-2199.11	22.86	94.00	1.84	1.84	-0.45
		2752.00	11.48	119.14	128.4	-27.92	46.48	2748.39	-2106.61	32.44	94.00	2.73	2.72	-0.57
		2847.00	15.15	119.94	128.4	-38.72	65.50	2840.82	-2014.18	45.10	95.00	3.87	3.86	0.84
		2942.00	16.92	119.53	128.4	-51.73	88.28	2932.12	-1922.88	60.33	95.00	1.87	1.86	-0.43
		3036.00	16.82	118.99	131.1	-65.06	112.08	3022.08	-1832.92	75.98	94.00	0.20	-0.11	-0.57
		3131.00	17.07	119.14	133.8	-78.51	136.28	3112.95	-1742.05	91.79	95.00	0.27	0.26	0.16
		3225.00	16.55	121.93	136.5	-92.31	159.70	3202.94	-1652.06	107.87	94.00	1.02	-0.55	2.97
		3319.00	16.18	121.21	136.5	-106.18	182.26	3293.13	-1561.87	123.94	94.00	0.45	-0.39	-0.77
		3414.00	16.67	123.23	136.5	-120.51	204.98	3384.25	-1470.75	140.47	95.00	0.79	0.52	2.13
		3508.00	16.43	122.51	139.2	-135.04	227.47	3474.36	-1380.64	157.19	94.00	0.34	-0.26	-0.77
		3602.00	16.69	120.39	139.2	-149.01	250.32	3564.46	-1290.54	173.38	94.00	0.70	0.28	-2.26
		3697.00	16.23	120.58	141.9	-162.67	273.52	3655.57	-1199.43	189.30	95.00	0.49	-0.48	0.20
		3791.00	16.76	121.87	141.9	-176.51	296.34	3745.70	-1109.30	205.36	94.00	0.69	0.56	1.37
		3886.00	16.92	119.77	144.6	-190.60	319.97	3836.63	-1018.37	221.75	95.00	0.66	0.17	-2.21
		3980.00	17.38	120.00	141.9	-204.41	344.00	3926.45	-928.55	237.91	94.00	0.49	0.49	0.24
		4075.00	17.13	119.45	144.6	-218.39	368.47	4017.17	-837.83	254.26	95.00	0.31	-0.26	-0.58
		4169.00	17.03	119.61	147.3	-231.99	392.50	4107.02	-747.98	270.21	94.00	0.12	-0.11	0.17
		4264.00	16.94	119.90	147.3	-245.77	416.59	4197.88	-657.12	286.34	95.00	0.13	-0.09	0.31
		4358.00	17.06	119.61	147.3	-259.41	440.45	4287.77	-567.23	302.30	94.00	0.16	0.13	-0.31
		4453.00	17.22	119.29	150.0	-273.17	464.83	4378.55	-476.45	318.44	95.00	0.20	0.17	-0.34
		4547.00	16.94	119.43	106.8	-286.71	488.89	4468.41	-386.59	334.33	94.00	0.30	-0.30	0.15
		4642.00	16.96	120.26	150.0	-300.49	512.91	4559.28	-295.72	350.45	95.00	0.26	0.02	0.87
		4737.00	16.91	121.09	155.4	-314.61	536.71	4650.16	-204.84	366.88	95.00	0.26	-0.05	0.87
		4831.00	16.76	120.23	155.4	-328.49	560.13	4740.13	-114.87	383.05	94.00	0.31	-0.16	-0.91
		4925.00	16.53	120.90	158.1	-342.18	583.31	4830.20	-24.80	399.00	94.00	0.32	-0.24	0.71
		5020.00	15.01	120.92	369.0	-355.44	605.46	4921.62	66.62	414.41	95.00	1.60	-1.60	0.02
		5115.00	17.02	120.16	160.8	-368.75	628.04	5012.93	157.93	429.92	95.00	2.13	2.12	-0.80
		5209.00	16.78	120.83	163.5	-382.62	651.59	5102.87	247.87	446.08	94.00	0.33	-0.26	0.71
		5303.00	16.62	121.20	163.5	-396.53	674.74	5192.90	337.90	462.25	94.00	0.20	-0.17	0.39
		5398.00	15.45	121.36	166.2	-410.16	697.17	5284.20	429.20	478.06	95.00	1.23	-1.23	0.17
		5493.00	16.30	121.54	166.2	-423.72	719.33	5375.58	520.58	493.77	95.00	0.90	0.89	0.19
		5587.00	16.89	121.19	166.2	-437.69	742.26	5465.66	610.66	509.97	94.00	0.64	0.63	-0.37
		5682.00	16.98	120.72	168.9	-451.92	765.99	5556.54	701.54	526.52	95.00	0.17	0.09	-0.49
		5776.00	16.94	121.02	168.9	-465.99	789.52	5646.46	791.46	542.88	94.00	0.10	-0.04	0.32
		5871.00	16.85	121.21	171.6	-480.26	813.16	5737.36	882.36	559.44	95.00	0.11	-0.09	0.20
		5966.00	16.82	122.23	174.3	-494.72	836.56	5828.28	973.28	576.19	95.00	0.31	-0.03	1.07
		6060.00	16.88	121.67	177.0	-509.14	859.68	5918.25	1063.25	592.85	94.00	0.18	0.06	-0.60
		6155.00	16.86	121.03	177.0	-523.49	883.23	6009.16	1154.16	609.48	95.00	0.20	-0.02	-0.67
		6249.00	16.65	121.00	179.7	-537.45	906.45	6099.17	1244.17	625.71	94.00	0.22	-0.22	-0.03
		6343.00	15.92	121.88	179.7	-551.19	928.94	6189.40	1334.40	641.64	94.00	0.82	-0.78	0.94

	6438.00	16.98	120.43	182.5	-565.10	951.97	6280.51	1425.51	657.79	95.00	1.20	1.12	-1.53
	6532.00	17.28	120.82	N/A	-579.21	975.79	6370.34	1515.34	674.21	94.00	0.34	0.32	0.41
	6627.00	20.49	138.91	185.2	-598.99	998.86	6460.29	1605.29	696.21	95.00	6.99	3.38	19.04
	6722.00	27.96	152.55	185.2	-631.35	1020.10	6546.93	1691.93	730.54	95.00	9.78	7.86	14.36
	6816.00	35.29	163.94	187.9	-677.10	1037.81	6626.99	1771.99	777.84	94.00	10.03	7.80	12.12
	6911.00	44.55	164.13	187.9	-735.66	1054.55	6699.77	1844.77	837.78	95.00	9.75	9.75	0.20
	7005.00	52.56	163.92	190.6	-803.34	1073.94	6761.94	1906.94	907.06	94.00	8.52	8.52	-0.22
	7100.00	62.24	166.43	190.6	-880.63	1094.30	6813.06	1958.06	986.01	95.00	10.43	10.19	2.64
	7194.00	68.87	170.38	196.0	-964.40	1111.41	6851.95	1996.95	1071.08	94.00	8.02	7.05	4.20
	7288.00	75.11	173.27	179.7	-1052.84	1124.07	6881.01	2026.01	1160.34	94.00	7.25	6.64	3.07
	7383.00	85.90	178.24	185.2	-1146.12	1130.93	6896.67	2041.67	1253.83	95.00	12.47	11.36	5.23
	7477.00	89.57	177.81	187.9	-1239.97	1134.17	6900.38	2045.38	1347.54	94.00	3.93	3.90	-0.46
	7572.00	90.25	178.47	193.3	-1334.92	1137.25	6900.53	2045.53	1442.32	95.00	1.00	0.72	0.69
	7666.00	90.59	177.58	196.0	-1428.86	1140.49	6899.84	2044.84	1536.11	94.00	1.01	0.36	-0.95
	7761.00	89.48	177.75	201.4	-1523.78	1144.36	6899.78	2044.78	1630.94	95.00	1.18	-1.17	0.18
	7855.00	89.54	178.67	204.1	-1617.73	1147.30	6900.59	2045.59	1724.71	94.00	0.98	0.06	0.98
	7950.00	90.25	180.59	204.1	-1712.72	1147.91	6900.76	2045.76	1819.28	95.00	2.15	0.75	2.02
	8044.00	90.31	179.25	206.8	-1806.72	1148.04	6900.30	2045.30	1912.82	94.00	1.43	0.06	-1.43
	8139.00	89.38	179.71	209.5	-1901.71	1148.90	6900.56	2045.56	2007.42	95.00	1.09	-0.98	0.48
	8233.00	89.88	180.28	212.2	-1995.71	1148.91	6901.17	2046.17	2100.94	94.00	0.81	0.53	0.61
	8328.00	90.34	179.74	212.2	-2090.71	1148.89	6900.98	2045.98	2195.46	95.00	0.75	0.48	-0.57
	8422.00	90.18	180.44	214.9	-2184.71	1148.75	6900.56	2045.56	2288.97	94.00	0.76	-0.17	0.74
	8516.00	90.25	178.17	214.9	-2278.70	1149.89	6900.20	2045.20	2382.60	94.00	2.42	0.07	-2.41
	8611.00	89.45	177.23	217.6	-2373.62	1153.70	6900.45	2045.45	2477.42	95.00	1.30	-0.84	-0.99
	8705.00	89.45	179.65	217.6	-2467.57	1156.26	6901.36	2046.36	2571.16	94.00	2.57	0.00	2.57
	8799.00	89.97	180.96	217.6	-2561.57	1155.76	6901.83	2046.83	2664.63	94.00	1.50	0.55	1.39
	8894.00	89.08	179.99	220.3	-2656.56	1154.97	6902.62	2047.62	2759.06	95.00	1.39	-0.94	-1.02
	8988.00	90.59	181.66	223.0	-2750.54	1153.62	6902.89	2047.89	2852.43	94.00	2.40	1.61	1.78
	9083.00	89.35	180.68	223.0	-2845.52	1151.68	6902.94	2047.94	2946.74	95.00	1.66	-1.31	-1.03
	9177.00	91.32	182.09	223.0	-2939.48	1149.40	6902.39	2047.39	3040.00	94.00	2.58	2.10	1.50
	9272.00	90.80	179.95	225.7	-3034.45	1147.71	6900.63	2045.63	3134.31	95.00	2.32	-0.55	-2.25
	9366.00	90.18	179.51	225.7	-3128.44	1148.16	6899.83	2044.83	3227.88	94.00	0.81	-0.66	-0.47
	9461.00	89.97	179.62	228.4	-3223.44	1148.88	6899.70	2044.70	3322.47	95.00	0.25	-0.22	0.12
	9556.00	90.12	178.77	228.4	-3318.43	1150.21	6899.63	2044.63	3417.11	95.00	0.91	0.16	-0.89
	9650.00	90.71	180.65	228.4	-3412.42	1150.69	6898.95	2043.95	3510.67	94.00	2.10	0.63	2.00
	9744.00	89.82	180.44	228.4	-3506.41	1149.80	6898.51	2043.51	3604.10	94.00	0.97	-0.95	-0.22
	9839.00	90.40	179.99	231.1	-3601.41	1149.44	6898.33	2043.33	3698.59	95.00	0.77	0.61	-0.47
	9934.00	89.72	181.17	231.1	-3696.40	1148.48	6898.23	2043.23	3793.00	95.00	1.43	-0.72	1.24
	10028.00	89.91	179.38	231.1	-3790.40	1148.03	6898.54	2043.54	3886.48	94.00	1.91	0.20	-1.90
	10123.00	90.40	180.55	231.1	-3885.40	1148.08	6898.28	2043.28	3981.00	95.00	1.34	0.52	1.23
	10217.00	90.03	180.52	231.1	-3979.39	1147.21	6897.93	2042.93	4074.43	94.00	0.39	-0.39	-0.03
	10312.00	90.09	179.12	231.1	-4074.39	1147.50	6897.83	2042.83	4168.98	95.00	1.48	0.06	-1.47
	10407.00	90.59	180.72	233.8	-4169.38	1147.64	6897.26	2042.26	4263.51	95.00	1.76	0.53	1.68
	10501.00	91.11	179.84	233.8	-4263.37	1147.18	6895.87	2040.87	4356.98	94.00	1.09	0.55	-0.94
	10595.00	89.88	179.13	236.5	-4357.36	1148.02	6895.06	2040.06	4450.58	94.00	1.51	-1.31	-0.76
	10690.00	90.89	181.23	236.5	-4452.35	1147.72	6894.42	2039.42	4545.06	95.00	2.45	1.06	2.21
	10784.00	89.78	179.94	236.5	-4546.34	1146.76	6893.87	2038.87	4638.48	94.00	1.81	-1.18	-1.37
	10879.00	91.11	179.94	236.5	-4641.34	1146.86	6893.13	2038.13	4733.00	95.00	1.40	1.40	0.00
	10973.00	90.15	180.73	236.5	-4735.33	1146.31	6892.10	2037.10	4826.46	94.00	1.32	-1.02	0.84
	11068.00	91.45	180.71	236.5	-4830.31	1145.12	6890.77	2035.77	4920.85	95.00	1.37	1.37	-0.02
	11162.00	91.17	179.38	239.2	-4924.28	1145.05	6888.62	2033.62	5014.34	94.00	1.45	-0.30	-1.41
	11257.00	90.86	179.74	239.2	-5019.26	1145.78	6886.94	2031.94	5108.91	95.00	0.50	-0.33	0.38
	11351.00	91.14	180.14	239.2	-5113.25	1145.88	6885.30	2030.30	5202.43	94.00	0.52	0.30	0.43
	11446.00	90.52	180.44	241.9	-5208.24	1145.39	6883.92	2028.92	5296.89	95.00	0.73	-0.65	0.32
	11540.00	90.77	180.49	241.9	-5302.23	1144.63	6882.86	2027.86	5390.33	94.00	0.27	0.27	0.05
	11635.00	90.80	180.52	241.9	-5397.22	1143.79	6881.56	2026.56	5484.76	95.00	0.04	0.03	0.03
	11729.00	90.65	180.46	241.9	-5491.20	1142.99	6880.37	2025.37	5578.19	94.00	0.17	-0.16	-0.06
	11824.00	90.83	180.16	241.9	-5586.20	1142.48	6879.15	2024.15	5672.65	95.00	0.37	0.19	-0.32
	11919.00	90.31	179.19	244.6	-5681.19	1143.02	6878.20	2023.20	5767.22	95.00	1.16	-0.55	-1.02
	12013.00	90.80	180.05	247.3	-5775.18	1143.64	6877.29	2022.29	5860.80	94.00	1.05	0.52	0.91
	12108.00	91.05	181.35	247.3	-5870.16	1142.48	6875.76	2020.76	5955.18	95.00	1.39	0.26	1.37
	12202.00	90.28	179.59	247.3	-5964.14	1141.71	6874.66	2019.66	6048.62	94.00	2.04	-0.82	-1.87
	12297.00	90.52	178.48	250.0	-6059.13	1143.31	6874.00	2019.00	6143.28	95.00	1.20	0.25	-1.17

	12237.00	90.32	178.48	250.0	-6333.13	1148.31	6874.33	2015.33	6143.23	93.00	1.23	0.23	1.17
	12391.00	91.54	179.53	250.0	-6153.10	1144.94	6872.31	2017.31	6236.94	94.00	1.56	1.09	1.12
	12486.00	89.38	180.09	250.0	-6248.09	1145.25	6871.55	2016.55	6331.48	95.00	2.35	-2.27	0.59
	12580.00	90.74	178.66	250.0	-6342.08	1146.28	6871.45	2016.45	6425.10	94.00	2.10	1.45	-1.52
	12674.00	91.72	179.41	250.0	-6436.04	1147.86	6869.43	2014.43	6518.74	94.00	1.31	1.04	0.80
	12769.00	90.55	180.57	250.0	-6531.02	1147.88	6867.55	2012.55	6613.24	95.00	1.73	-1.23	1.22
	12863.00	90.03	178.74	250.0	-6625.01	1148.44	6867.08	2012.08	6706.82	94.00	2.02	-0.55	-1.95
	12958.00	90.58	178.65	252.7	-6719.98	1150.61	6866.57	2011.57	6801.53	95.00	0.59	0.58	-0.09
	13052.00	90.74	179.36	241.9	-6813.96	1152.24	6865.49	2010.49	6895.20	94.00	0.77	0.17	0.76
	13147.00	90.77	179.98	244.6	-6908.95	1152.79	6864.23	2009.23	6989.76	95.00	0.65	0.03	0.65
	13241.00	90.31	179.49	250.0	-7002.95	1153.22	6863.35	2008.35	7083.33	94.00	0.71	-0.49	-0.52
	13335.00	90.49	180.80	252.7	-7096.94	1152.98	6862.69	2007.69	7176.82	94.00	1.41	0.19	1.39
	13430.00	90.80	179.86	252.7	-7191.93	1152.44	6861.62	2006.62	7271.28	95.00	1.04	0.33	-0.99
	13524.00	89.69	181.13	255.4	-7285.92	1151.63	6861.22	2006.22	7364.72	94.00	1.79	-1.18	1.35
	13619.00	89.75	180.33	255.4	-7380.91	1150.42	6861.69	2006.69	7459.11	95.00	0.84	0.06	-0.84
	13713.00	89.66	180.64	255.4	-7474.91	1149.62	6862.17	2007.17	7552.55	94.00	0.34	-0.10	0.33
	13808.00	90.25	181.51	258.1	-7569.89	1147.84	6862.24	2007.24	7646.87	95.00	1.11	0.62	0.92
	13902.00	90.28	178.79	258.1	-7663.88	1147.59	6861.81	2006.81	7740.36	94.00	2.89	0.03	-2.89
	13996.00	90.31	179.25	258.1	-7757.87	1149.20	6861.33	2006.33	7834.03	94.00	0.49	0.03	0.49
	14185.00	89.32	180.80	258.1	-7946.86	1149.12	6861.94	2006.94	8022.06	189.00	0.97	-0.52	0.82
	14280.00	89.91	178.49	258.1	-8041.85	1149.71	6862.57	2007.57	8116.63	95.00	2.51	0.62	-2.43
	14374.00	89.94	179.50	258.1	-8135.83	1151.35	6862.70	2007.70	8210.31	94.00	1.07	0.03	1.07
	14469.00	90.89	179.79	258.1	-8230.83	1151.94	6862.01	2007.01	8304.88	95.00	1.05	1.00	0.31
	14563.00	89.51	180.06	258.1	-8324.82	1152.07	6861.68	2006.68	8398.41	94.00	1.50	-1.47	0.29
	14658.00	90.09	177.90	258.1	-8419.80	1153.76	6862.01	2007.01	8493.08	95.00	2.35	0.61	-2.27
	14752.00	90.34	178.59	258.1	-8513.76	1156.64	6861.66	2006.66	8586.85	94.00	0.78	0.27	0.73
	14847.00	90.12	180.89	258.1	-8608.75	1157.07	6861.28	2006.28	8681.41	95.00	2.43	-0.23	2.42
	14941.00	89.78	179.95	260.8	-8702.74	1156.38	6861.36	2006.36	8774.86	94.00	1.06	-0.36	-1.00
	15130.00	89.60	177.98	258.1	-8891.70	1159.79	6862.38	2007.38	8863.21	189.00	1.05	-0.10	-1.04
	15225.00	90.15	181.01	263.5	-8986.69	1160.63	6862.59	2007.59	9057.79	95.00	3.24	0.58	3.19
	15319.00	89.63	177.26	263.5	-9080.66	1162.05	6862.77	2007.77	9151.43	94.00	4.03	-0.55	-3.99
	15414.00	90.03	180.10	263.5	-9175.62	1164.24	6863.05	2008.05	9246.14	95.00	3.02	0.42	2.99
	15508.00	90.22	179.27	263.5	-9269.62	1164.75	6862.85	2007.85	9339.71	94.00	0.91	0.20	-0.88
	15603.00	89.88	178.84	263.5	-9364.61	1166.32	6862.76	2007.76	9434.38	95.00	0.58	-0.36	-0.45
	15697.00	89.82	179.19	260.8	-9458.59	1167.93	6863.01	2008.01	9528.05	94.00	0.38	-0.06	0.37
	15791.00	89.91	177.84	260.8	-9552.56	1170.37	6863.23	2008.23	9621.79	94.00	1.44	0.10	-1.44
	15886.00	89.88	177.39	260.8	-9647.47	1174.32	6863.41	2008.41	9716.62	95.00	0.47	-0.03	-0.47
	15980.00	89.75	177.08	263.5	-9741.36	1178.86	6863.71	2008.71	9810.49	94.00	0.36	-0.14	-0.33
	16075.00	89.94	176.69	260.8	-9836.22	1184.02	6863.97	2008.97	9905.39	95.00	0.46	0.20	-0.41
	16169.00	89.85	178.19	263.5	-9930.13	1188.22	6864.14	2009.14	9999.24	94.00	1.60	-0.10	1.60
	16264.00	90.09	180.06	266.2	-10025.11	1189.67	6864.19	2009.19	10093.89	95.00	1.98	0.25	1.97
	16358.00	90.03	182.02	266.2	-10119.09	1187.96	6864.09	2009.09	10187.23	94.00	2.09	-0.06	2.09
	16453.00	90.15	182.15	266.2	-10214.03	1184.51	6863.94	2008.94	10281.34	95.00	0.19	0.13	0.14
	16547.00	90.62	182.32	266.2	-10307.95	1180.84	6863.31	2008.31	10374.42	94.00	0.53	0.50	0.18
	16642.00	90.68	181.21	266.2	-10402.90	1177.92	6862.23	2007.23	10468.60	95.00	1.17	0.06	-1.17
	16737.00	90.89	180.14	269.0	-10497.89	1176.80	6860.93	2006.93	10562.99	95.00	1.15	0.22	-1.13
	16831.00	91.17	182.89	269.0	-10591.83	1174.31	6859.24	2004.24	10656.21	94.00	2.94	0.30	2.93
	17020.00	90.00	182.40	269.0	-10780.61	1165.59	6857.31	2002.31	10843.16	189.00	0.67	-0.62	-0.26
	17115.00	89.35	181.56	269.0	-10875.55	1162.31	6857.85	2002.85	10937.29	95.00	1.12	-0.68	-0.88
	17209.00	89.41	180.16	271.7	-10969.53	1160.90	6858.87	2003.87	11030.66	94.00	1.49	0.06	-1.49
	17304.00	89.88	181.53	269.0	-11064.52	1159.50	6859.46	2004.46	11125.02	95.00	1.52	0.49	1.44
	17398.00	90.31	182.23	271.7	-11158.47	1156.41	6859.30	2004.30	11218.19	94.00	0.87	0.46	0.74
	17576.00	90.71	181.41	269.0	-11336.37	1150.76	6857.72	2002.72	11394.62	178.00	0.51	0.22	-0.46
Projection	17600.00	90.71	181.41	N/A	-11360.36	1150.17	6857.42	2002.42	11418.44	24.00	0.00	0.01	-0.00