

2019-05-13 03:30	2	4784.00	Diesel-Oil Based Mud	8.7	6	N/A	22.0	7.3/18	Active Pit	40000	0.00
2019-05-13 15:30	2	7855.00	Diesel-Oil Based Mud	9.7	11	N/A	18.0	67.6/20	Active Pit	37000	0.00
2019-05-14 03:30	2	10355.00	Diesel-Oil Based Mud	9.7	12	N/A	16.8	67.8/19.6	Active Pit	36500	0.00
2019-05-14 15:30	2	12300.00	Diesel-Oil Based Mud	9.7	11	N/A	18.8	67.6/19.7	Active Pit	36000	0.00
2019-05-15 03:30	2	14189.00	Diesel-Oil Based Mud	9.8	13	N/A	18.4	67.3/19.5	Active Pit	36000	0.00
2019-05-15 15:30	2	16400.00	Diesel-Oil Based Mud	9.8	12	N/A	18.3	68.4/18.2	Active Pit	35000	0.00
2019-05-16 03:30	2	18224.00	Diesel-Oil Based Mud	9.9	14	N/A	18.3	68.4/17.8	Active Pit	35500	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	NaviTrak	13191955	VSS	14.23	50.20	8.000	0.000
1	NaviTrak	13191955	Directional (mag)	14.23	50.20	8.000	0.000
2	AutoTrak Curve Steering Unit	14382369	Near Bit Inclination	5.93	6.73	7.000	4.330
2	AutoTrak Curve Steering Unit	14382369	Near Bit VSS	5.93	6.73	7.000	4.330
2	AutoTrak Curve MWD	14179564	Gamma (single)	2.77	12.90	7.000	3.250
2	AutoTrak Curve MWD	14179564	Directional (mag)	12.29	22.42	7.000	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
NTK	NaviTrak	Probe Based Directional Module, NaviTrak Platform
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

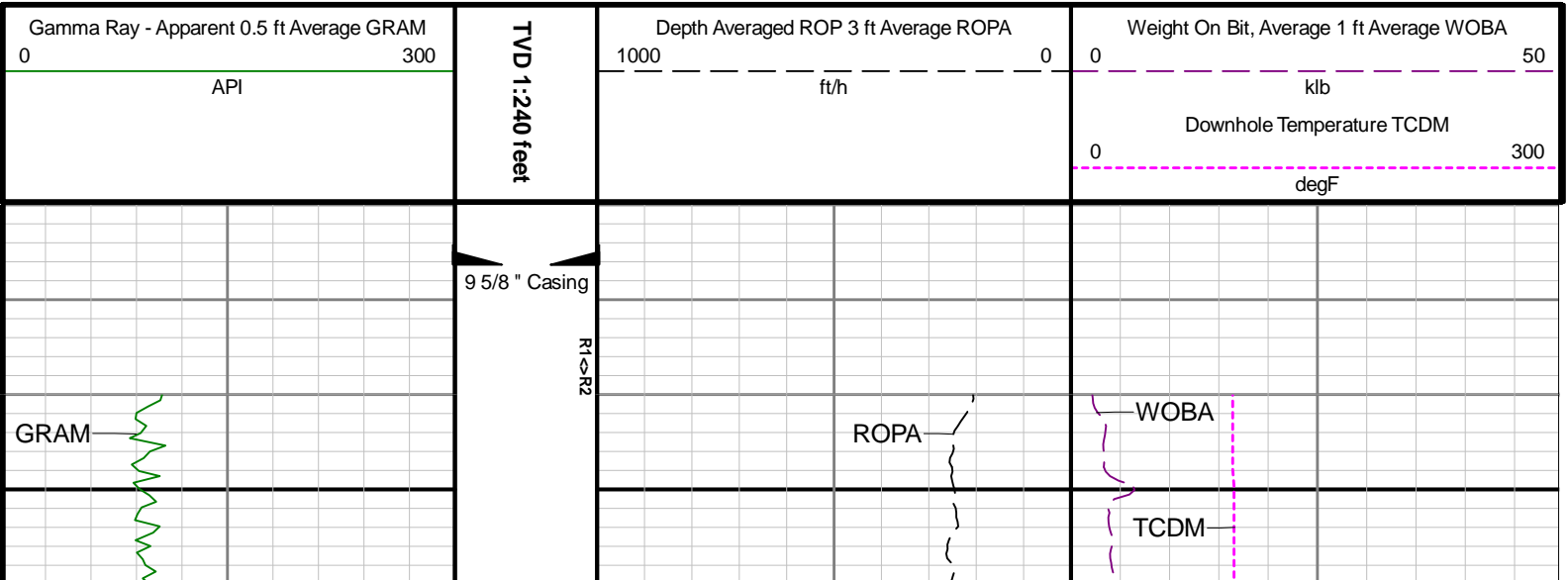
- Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
- Baker Hughes LWD Run 1 utilized 6.75 inch NaviTrak Service (Directional) behind a 13.5 inch bit and a steerable assembly from 105 to 1567 feet MD (105 to 1537 feet TVD). No logging data was acquired through out that run.
- Baker Hughes LWD Run 2 utilized 6.75 inch NaviGamma Service (Gamma Ray and Directional) behind an 8.5 inch bit and a rotary steerable assembly from 1567 to 18224 feet MD (1537 to 7281 feet TVD).
- The GRAM data is presented on a scale of 0 to 300 API, per the client's request.

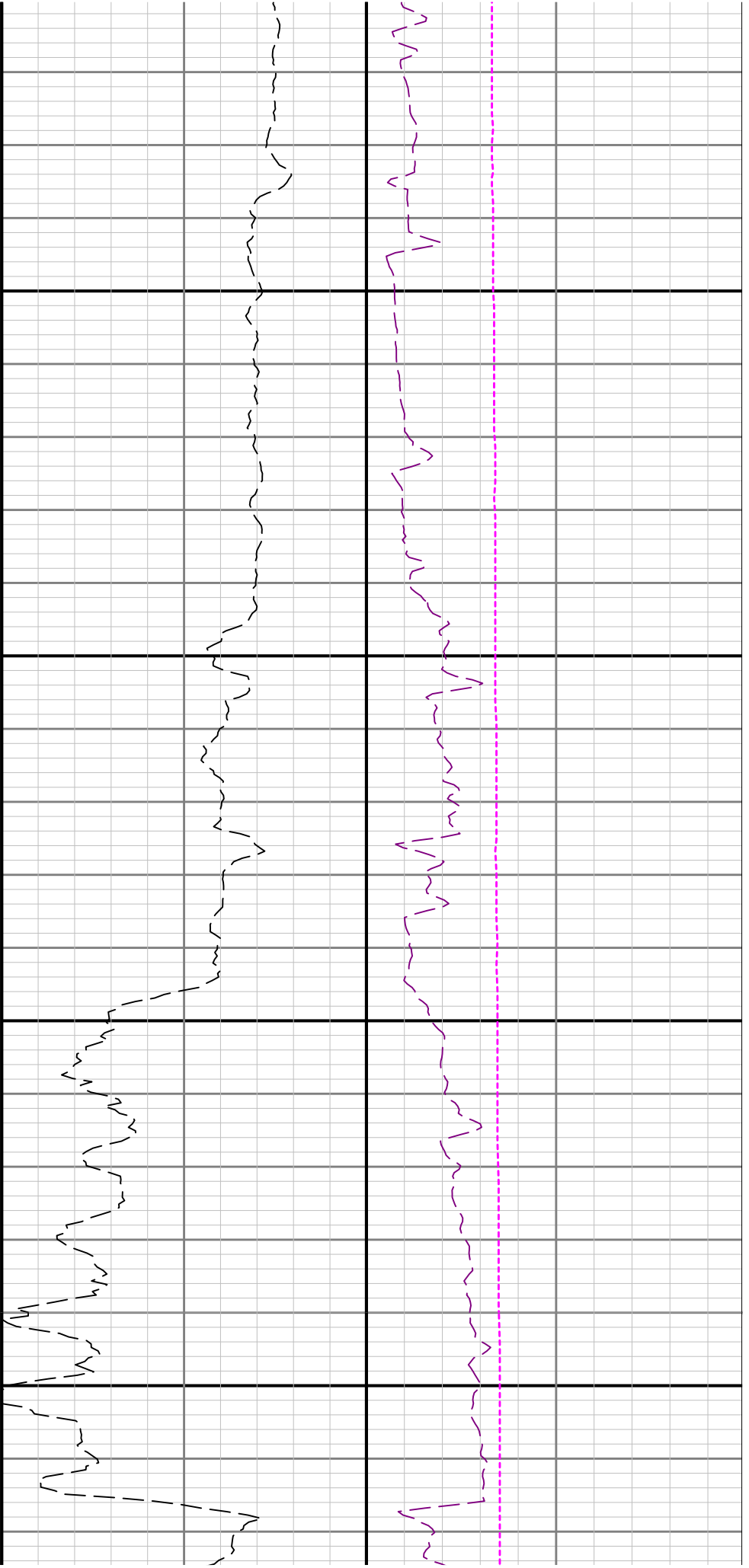
Remarks

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

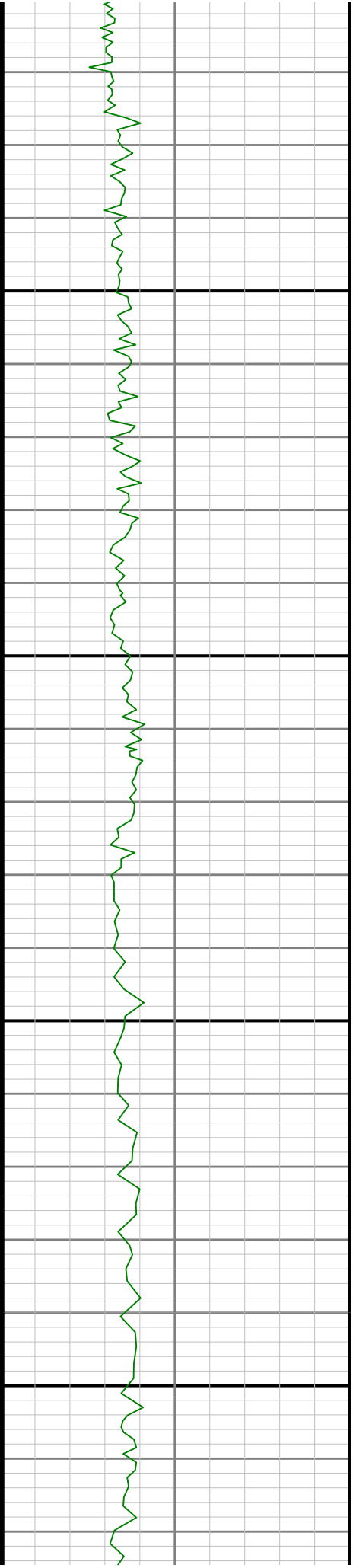
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
TCDM	Directional Real-Time Survey Temperature	degF

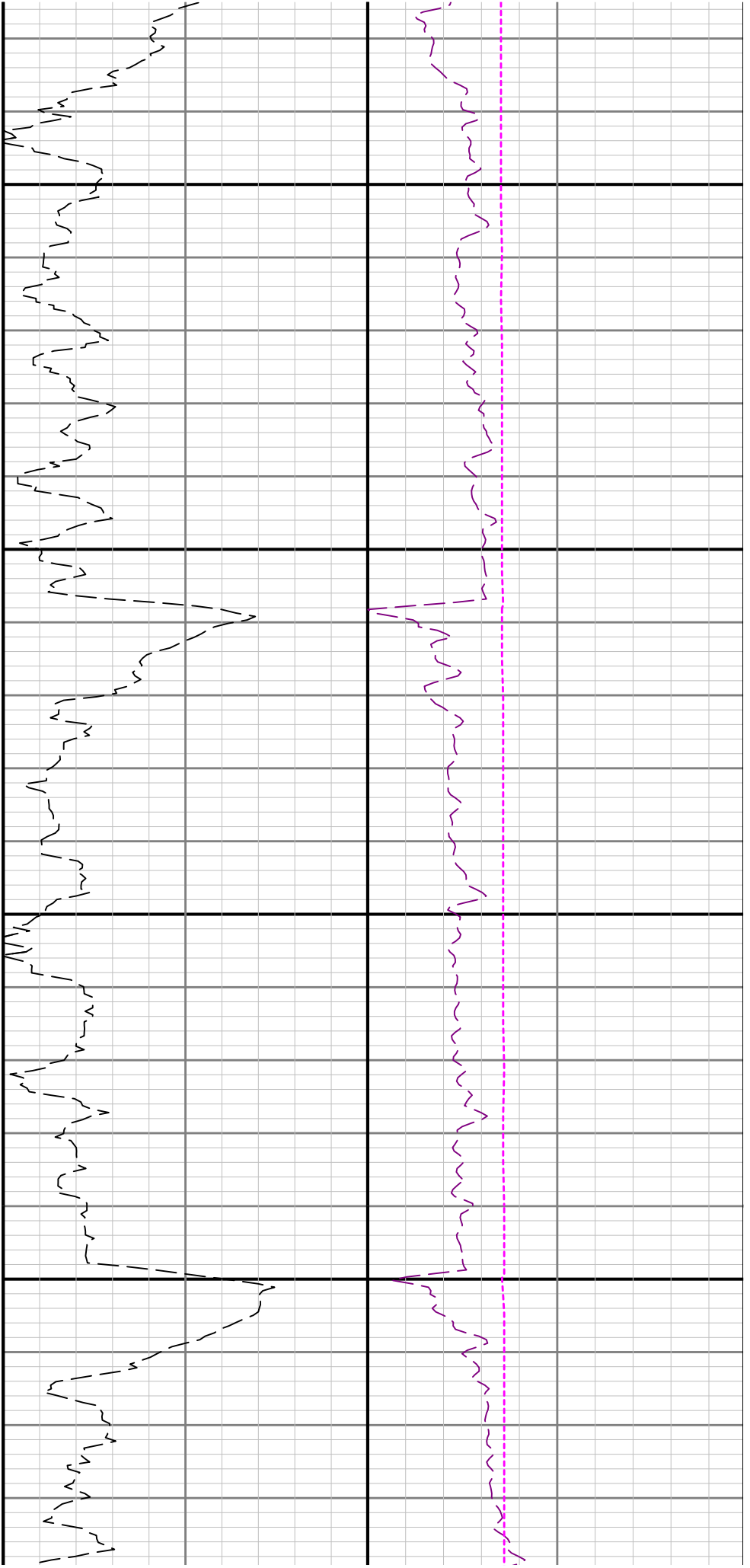




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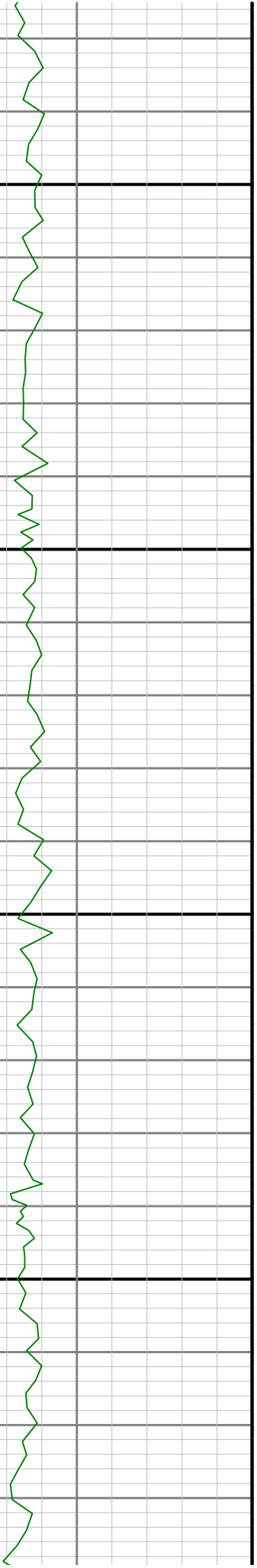
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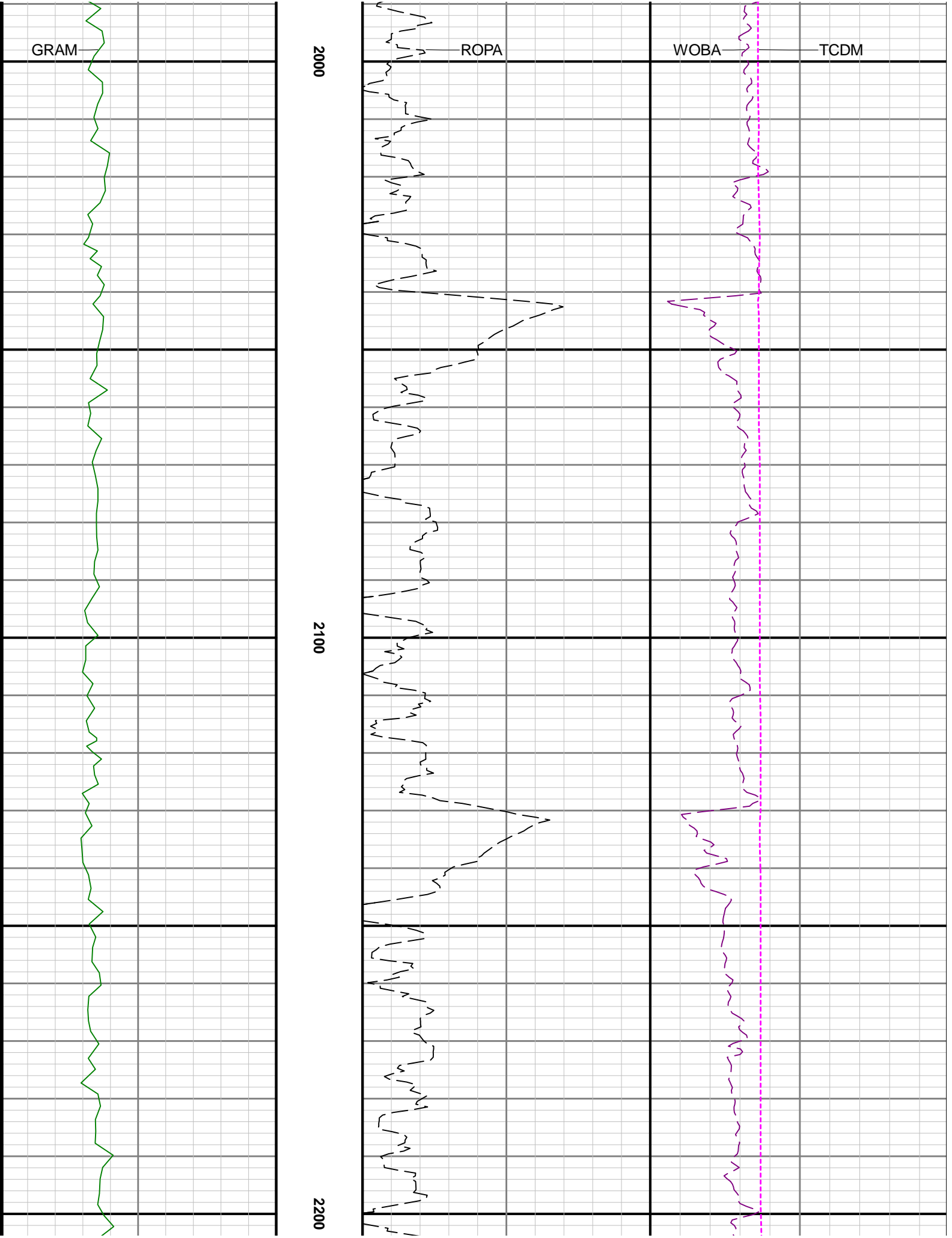


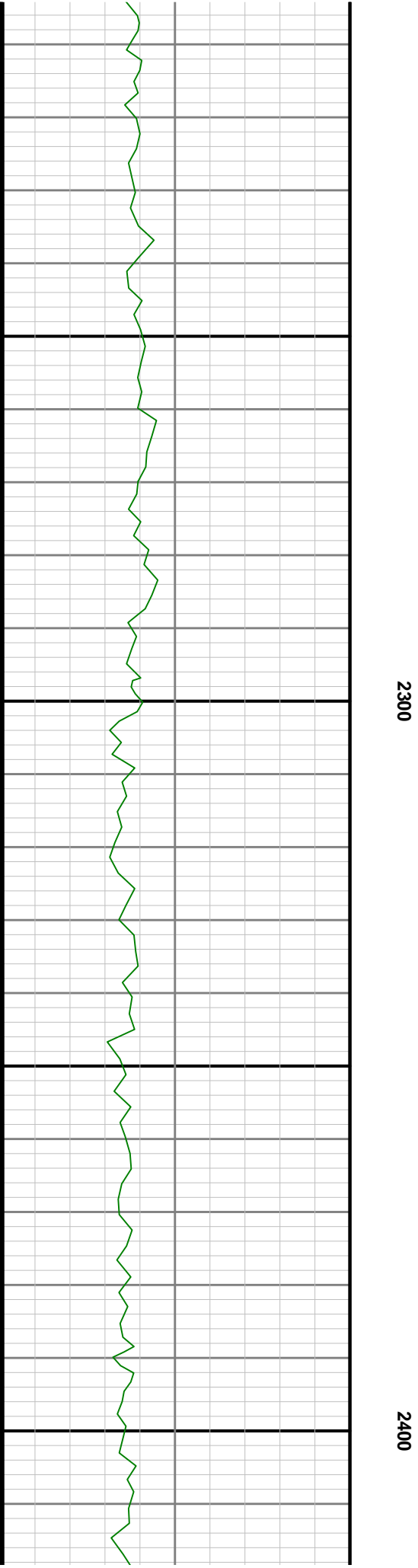
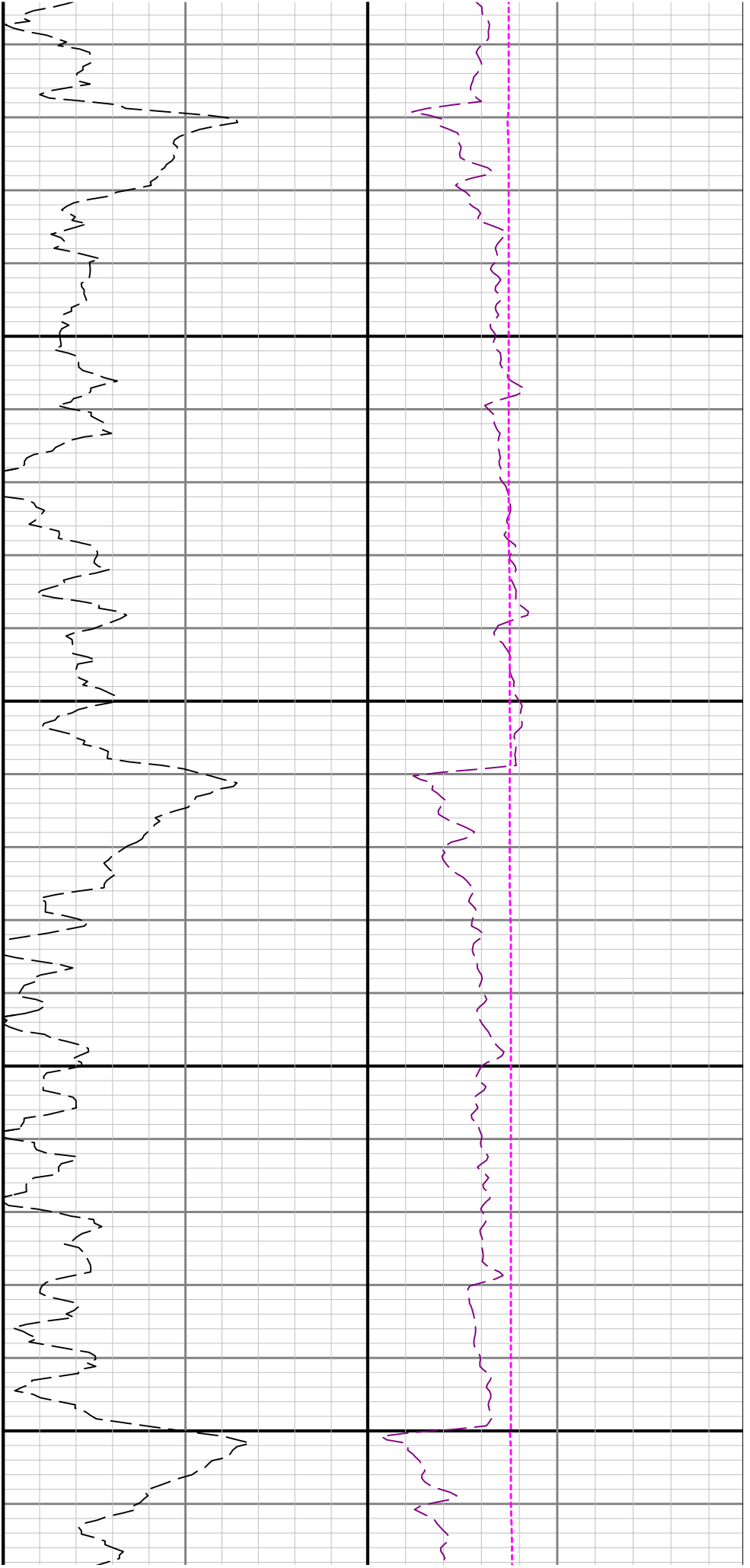


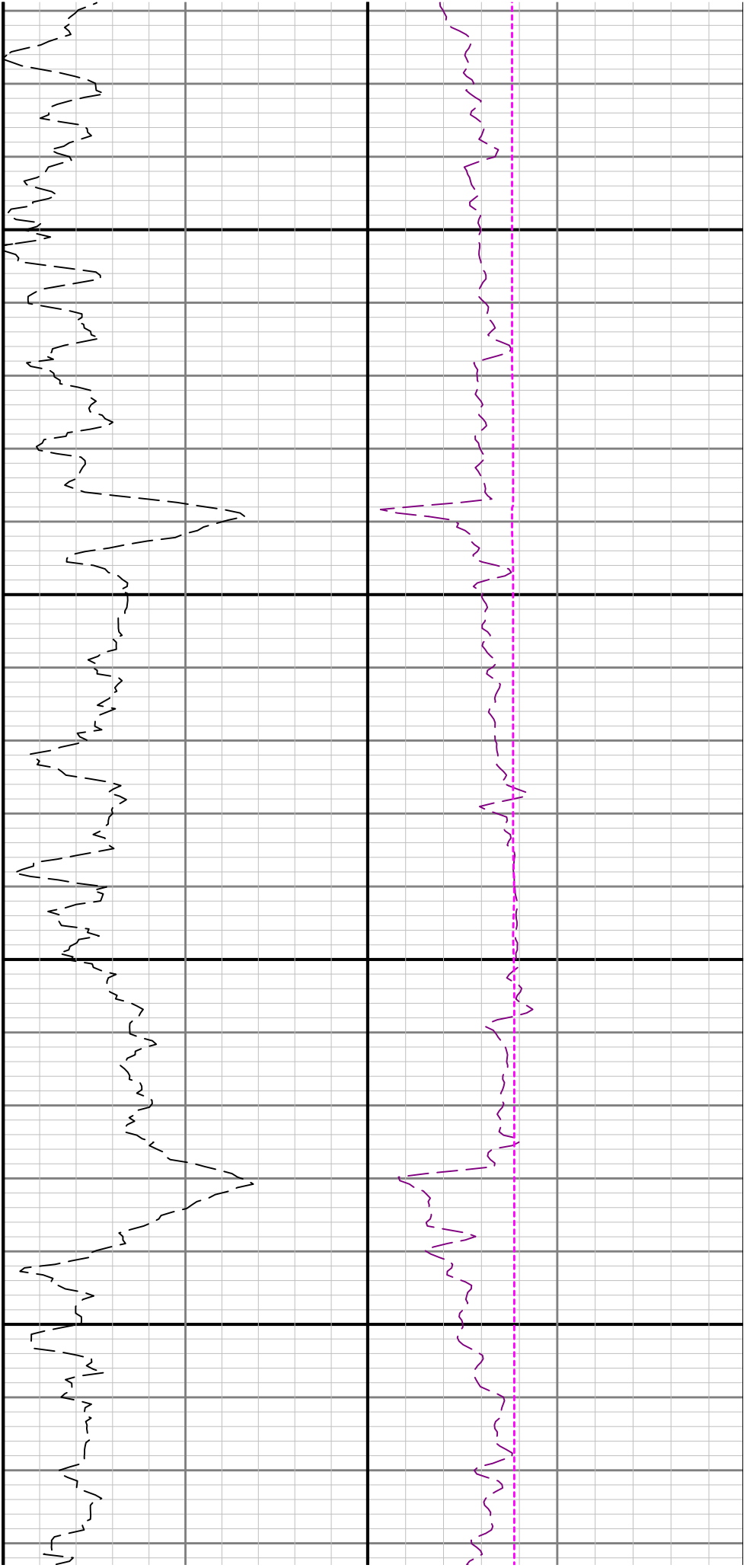
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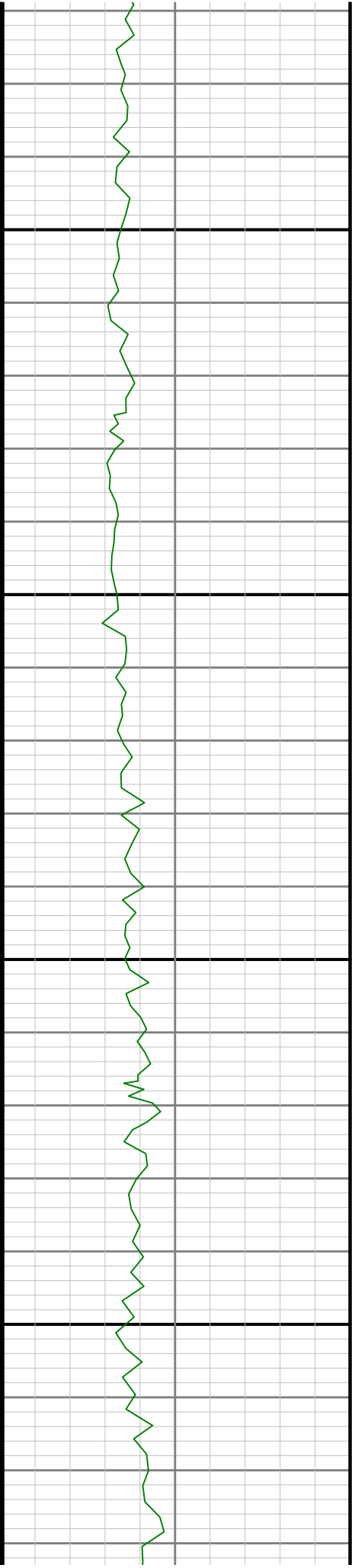


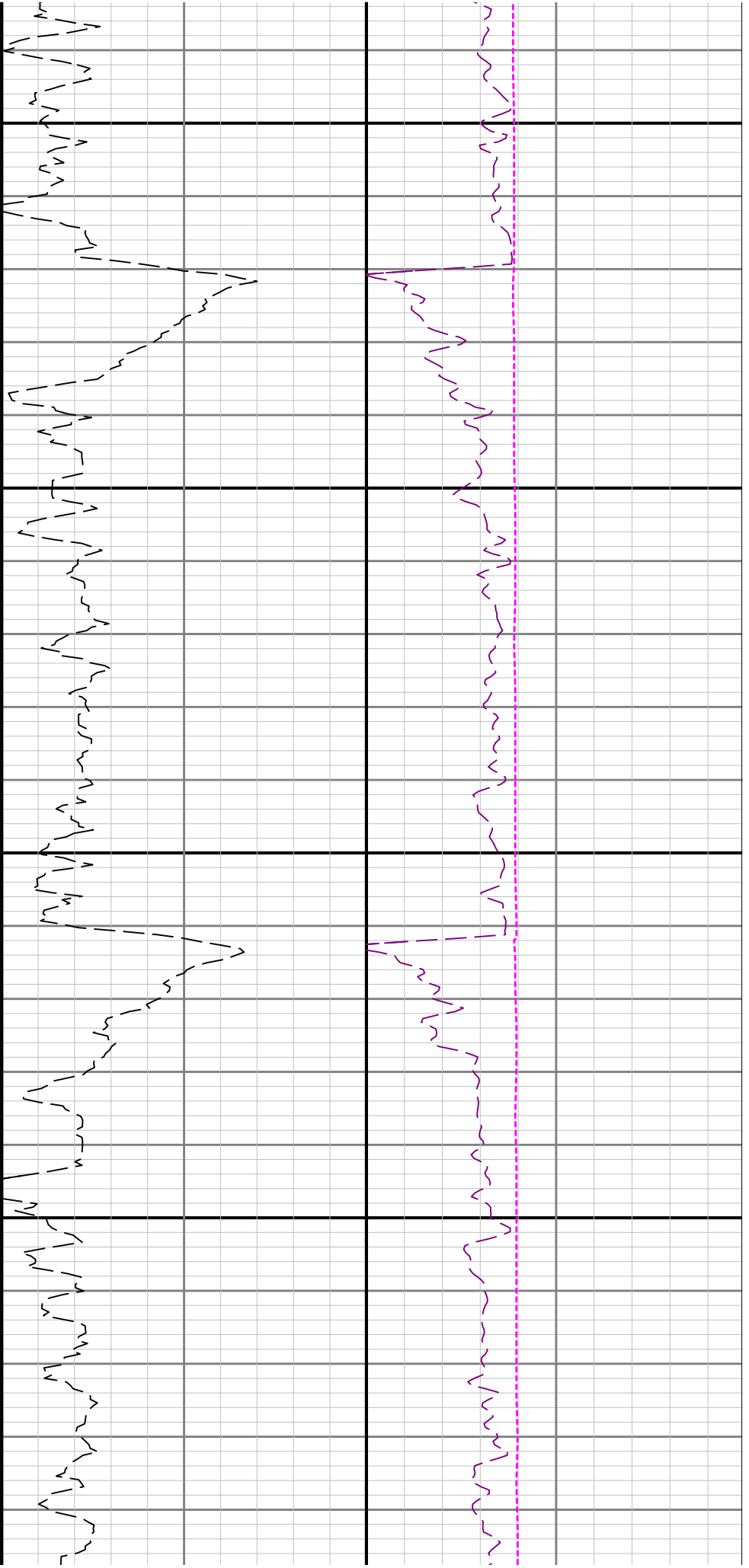




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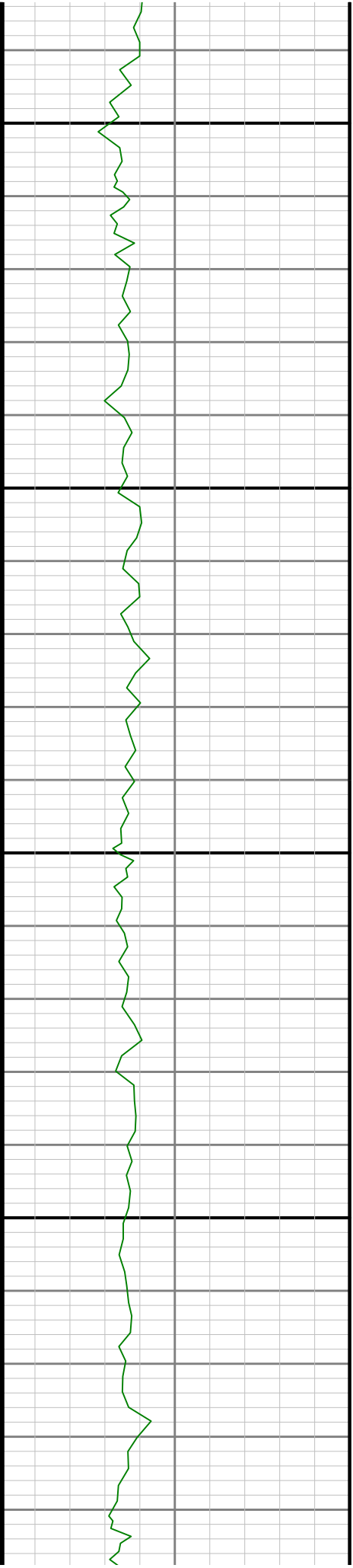
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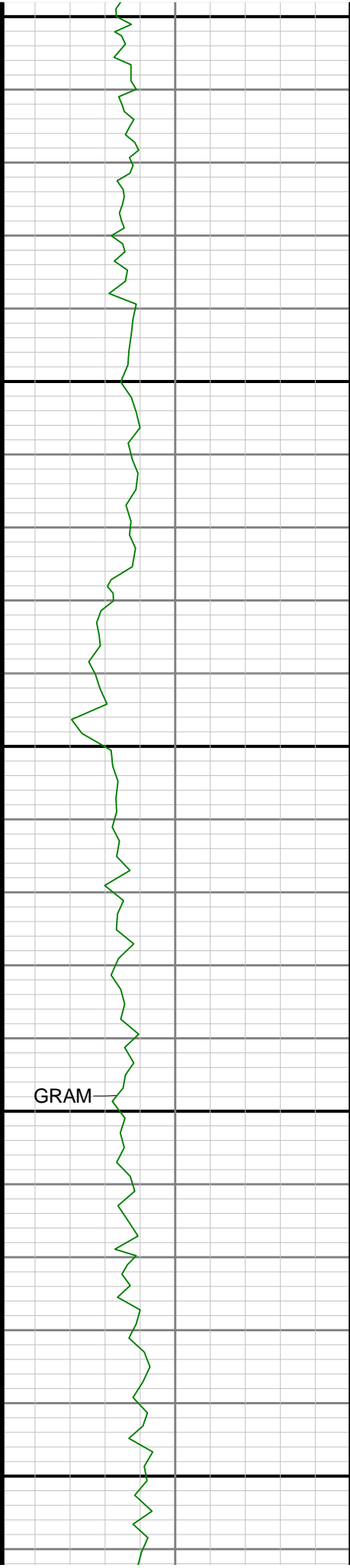




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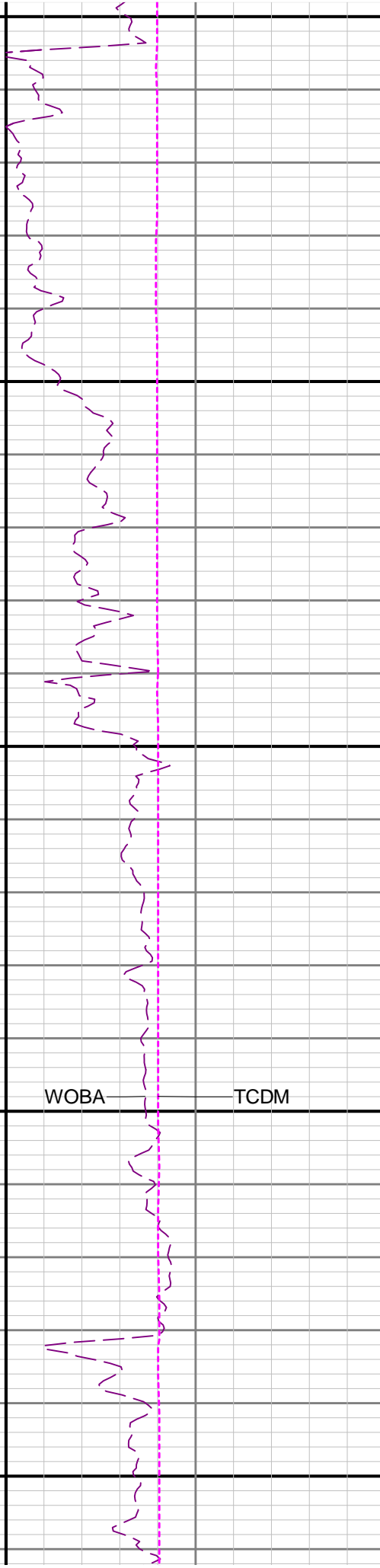
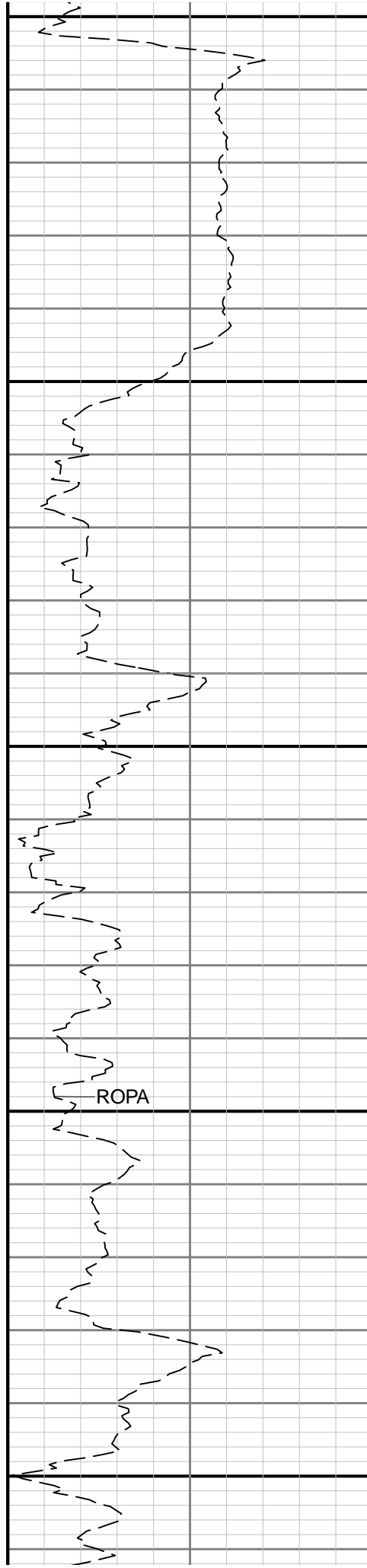
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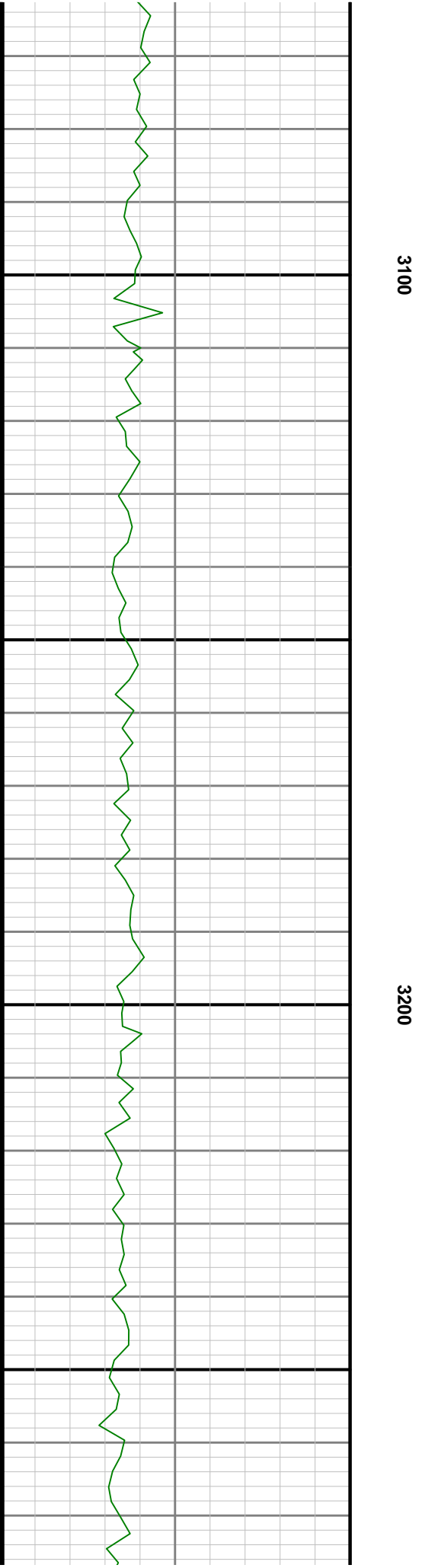
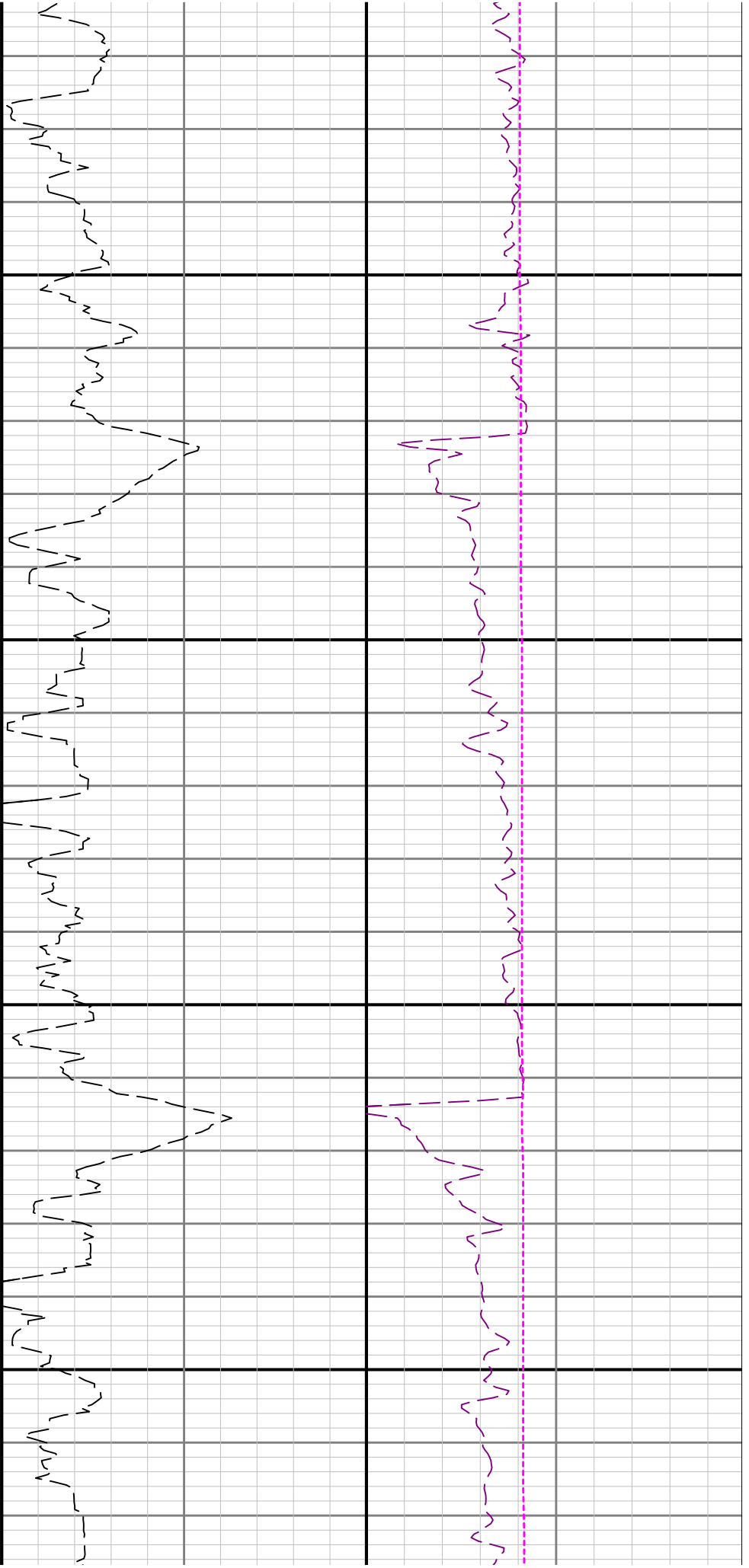


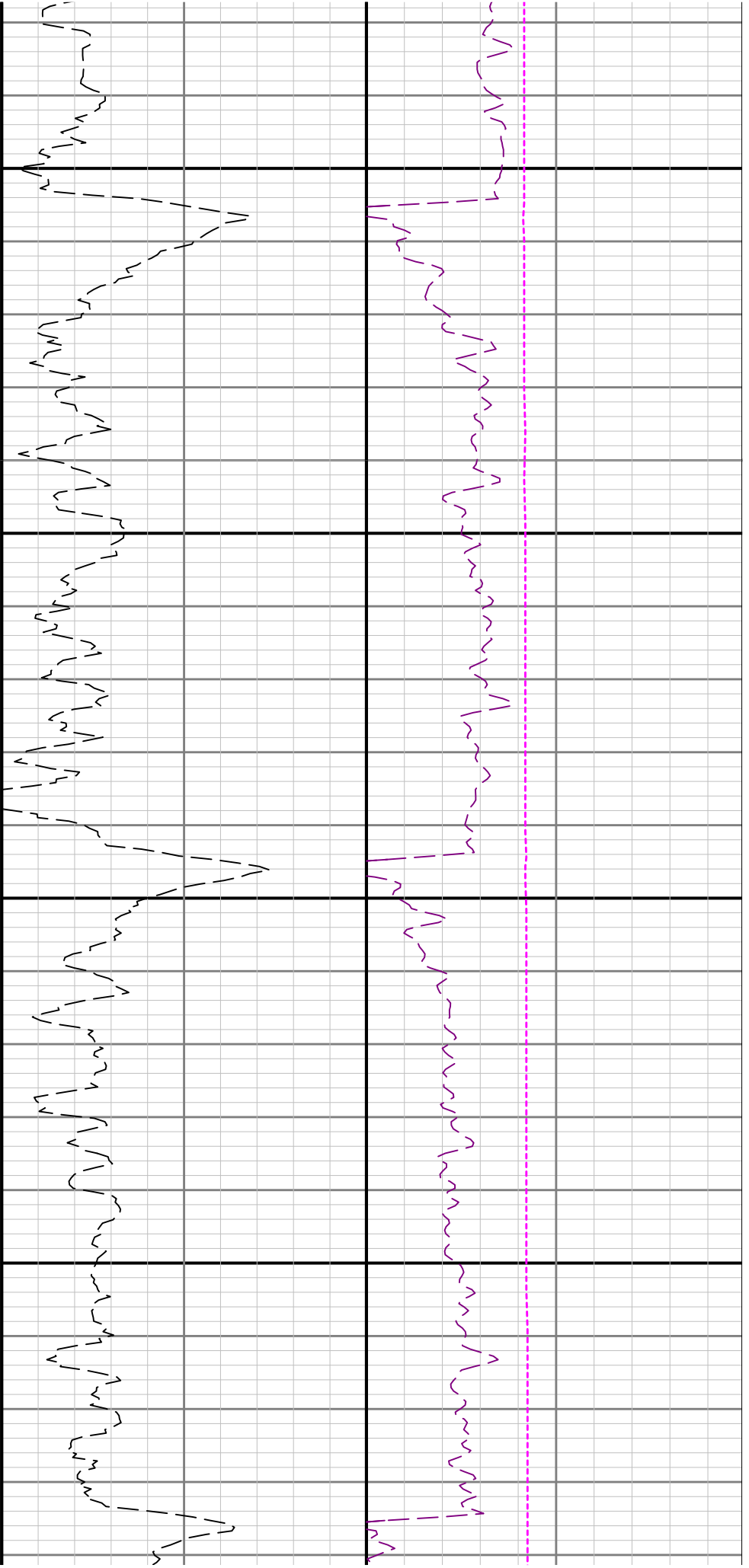


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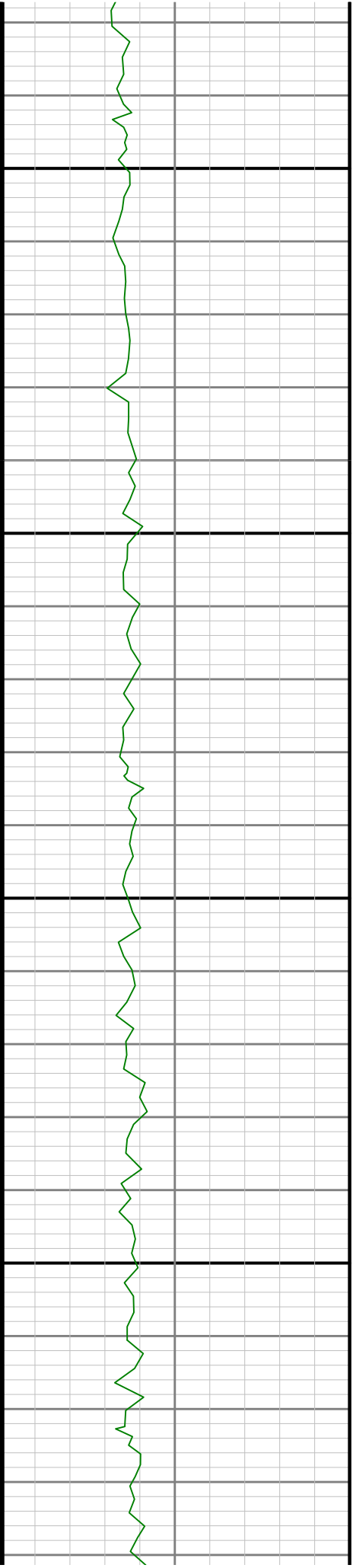


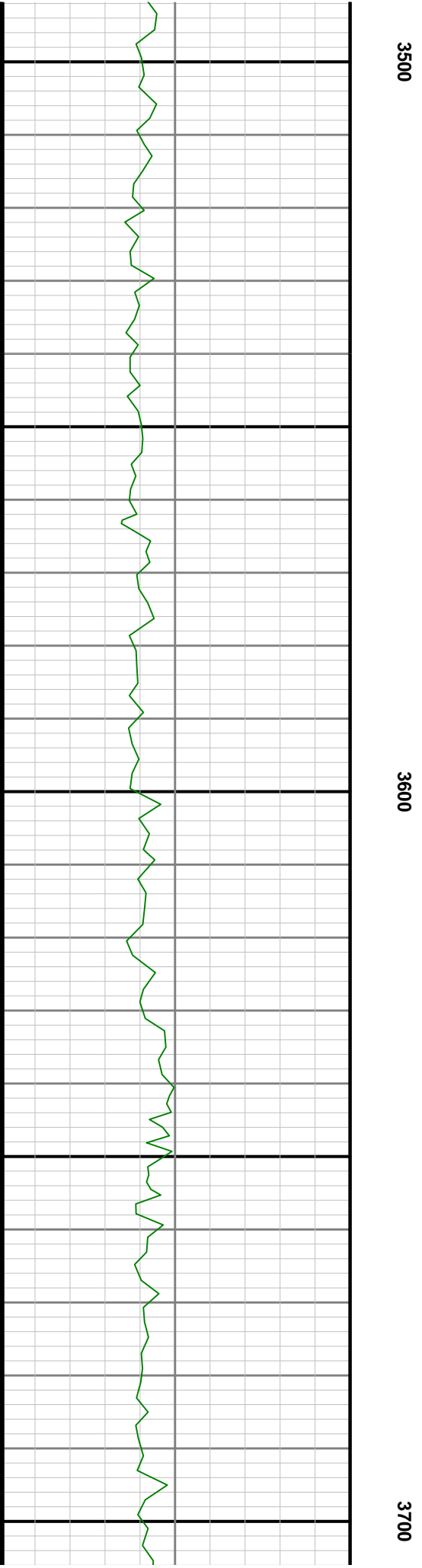
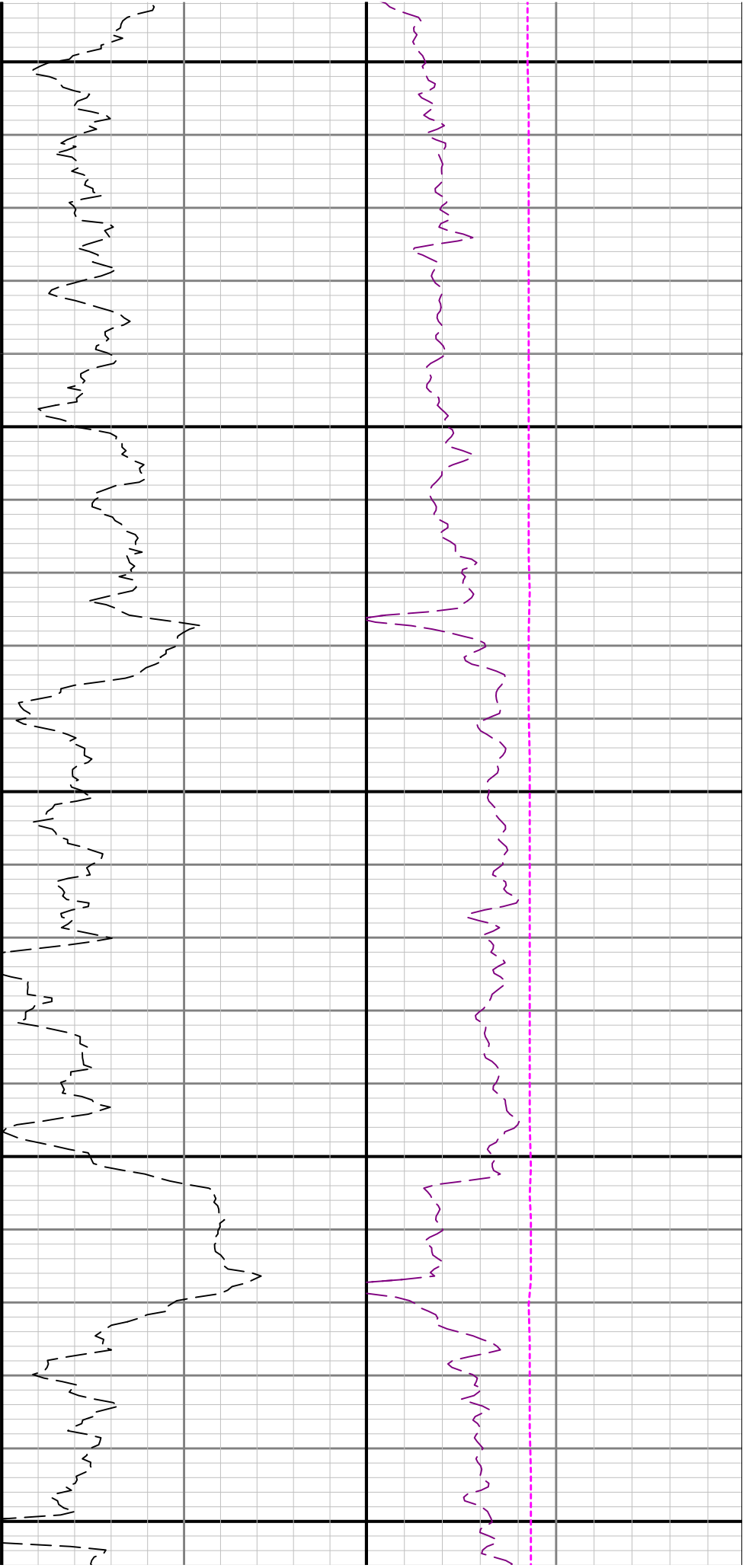


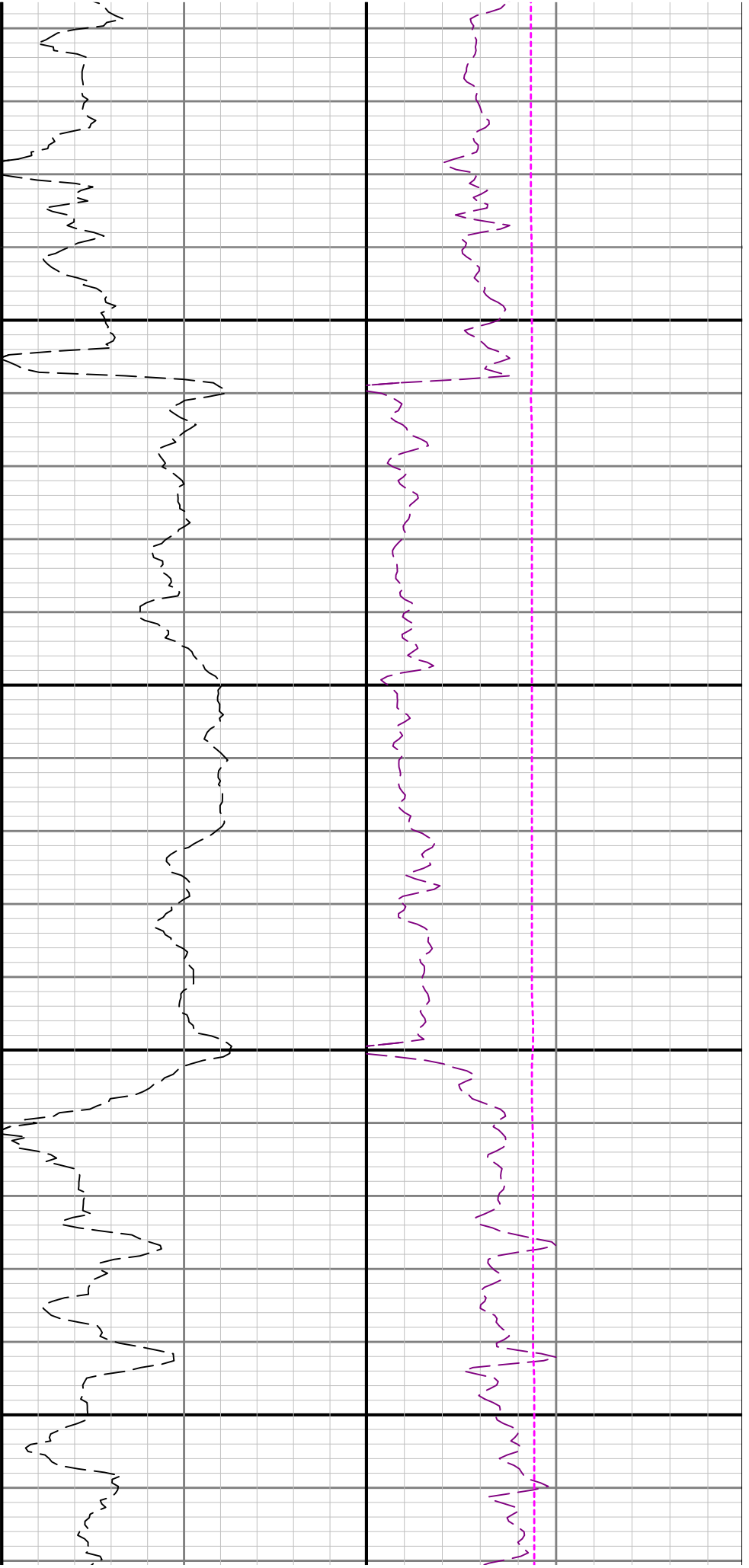


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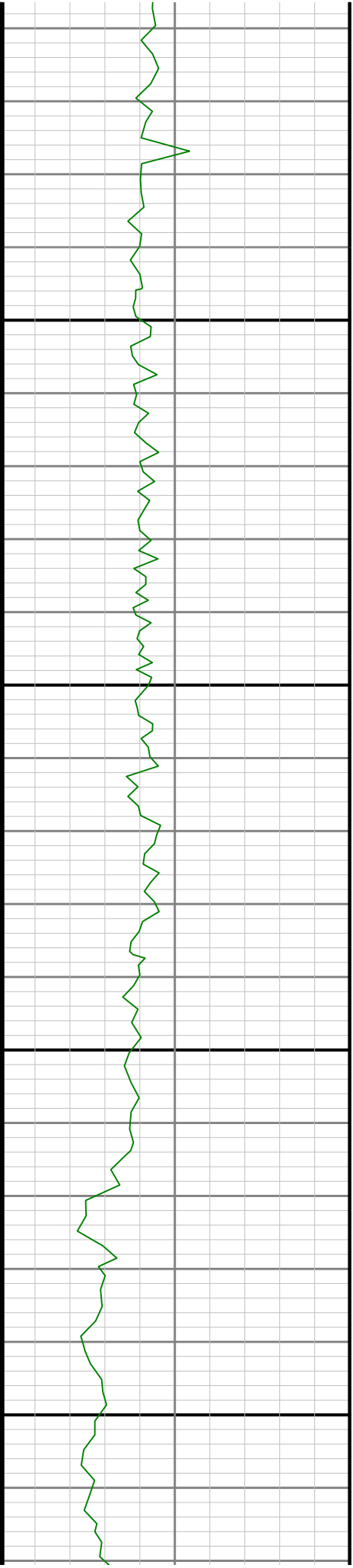


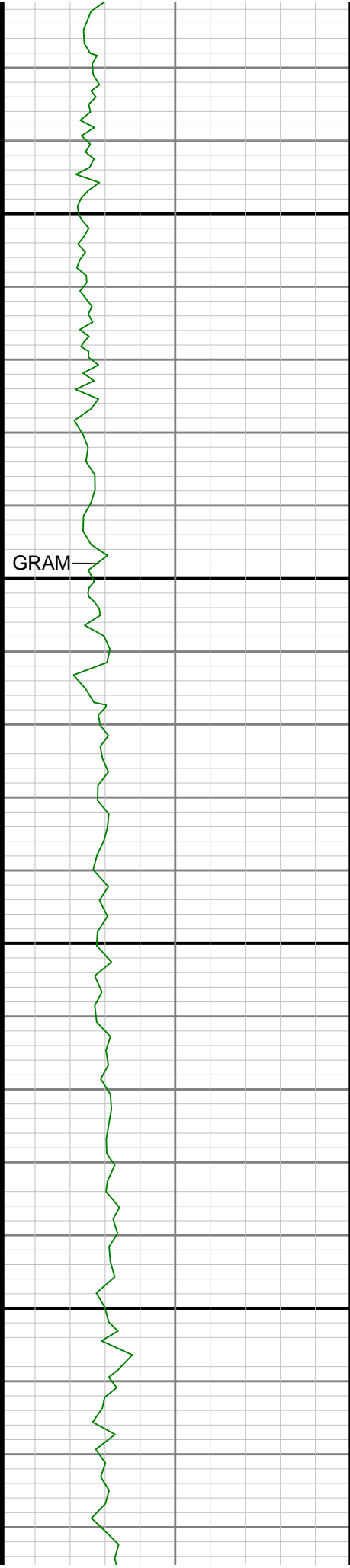




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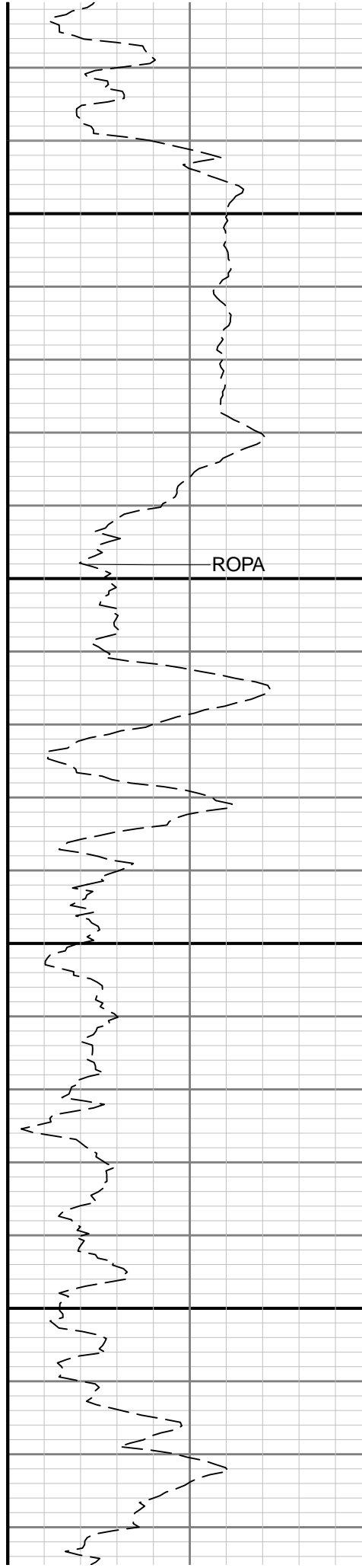
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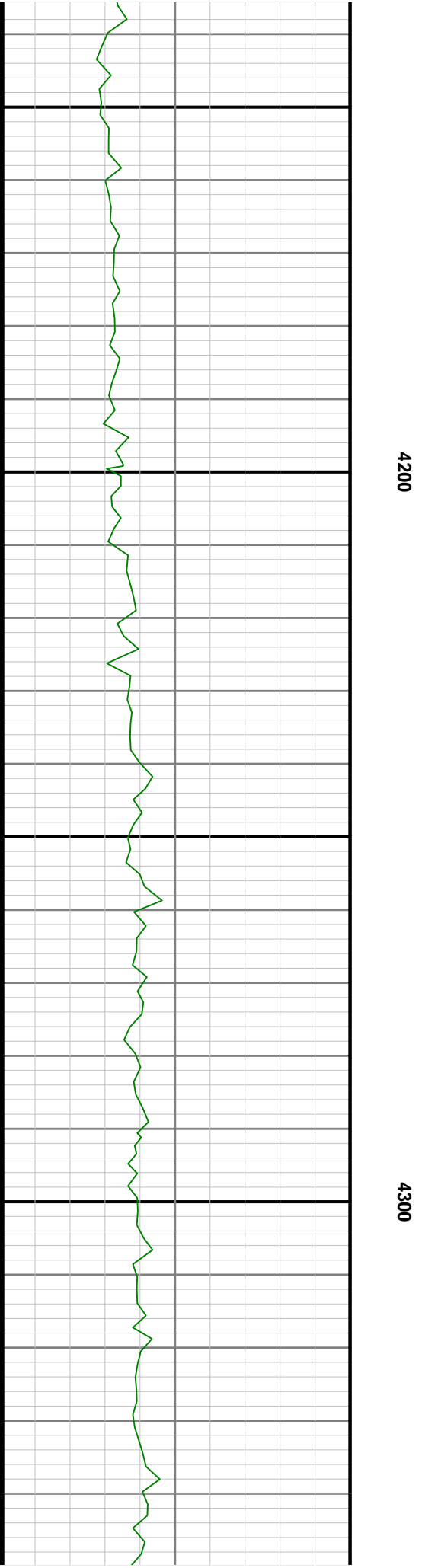
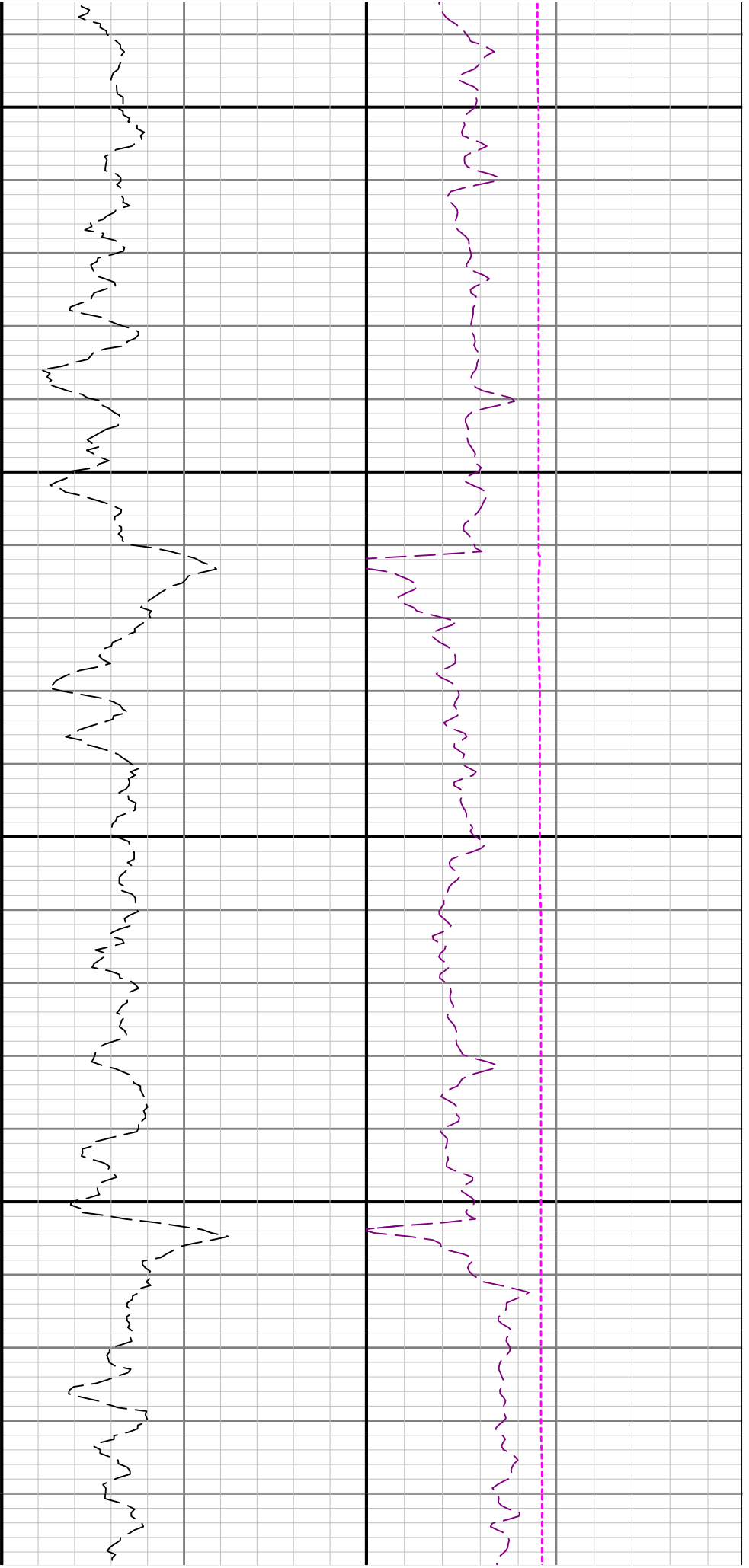


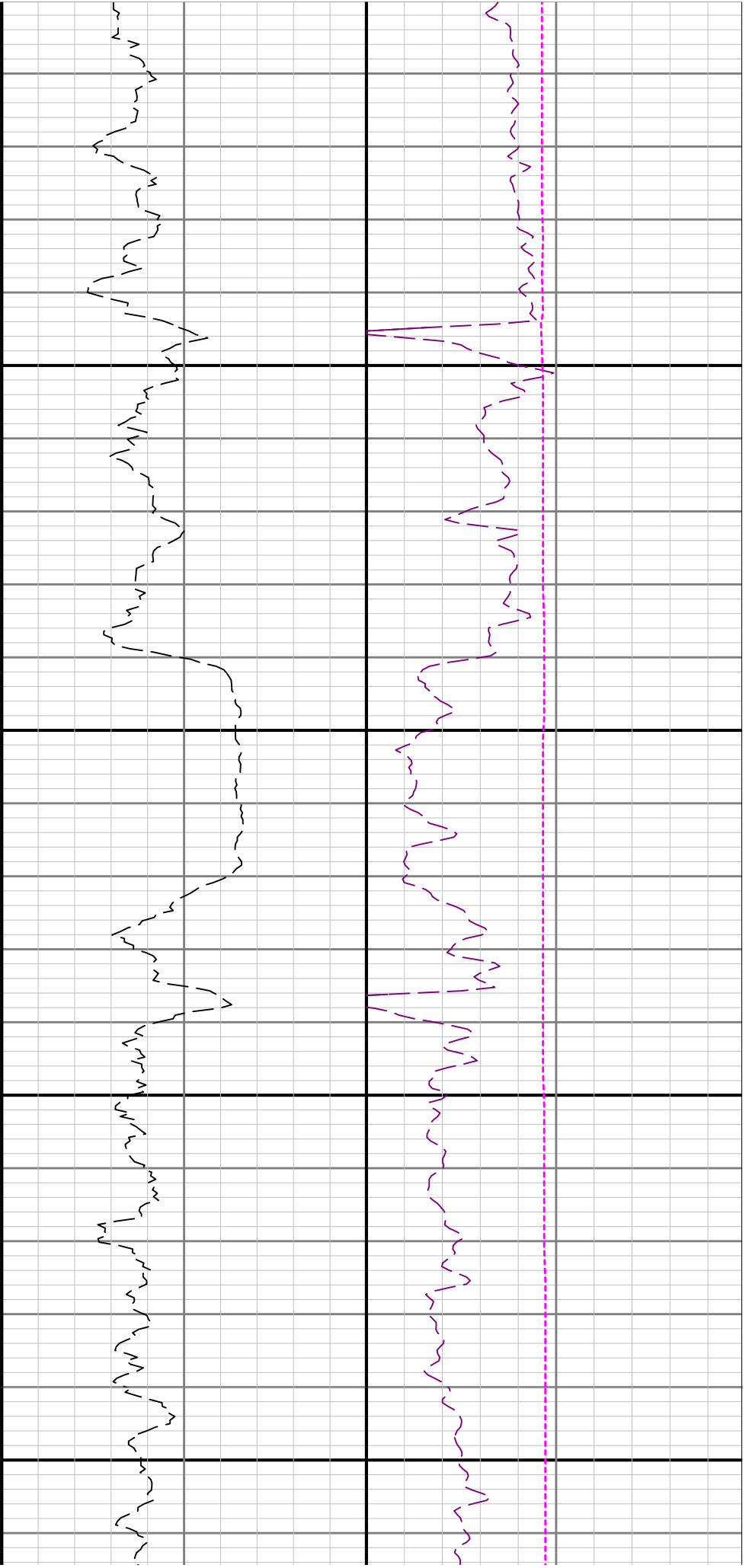


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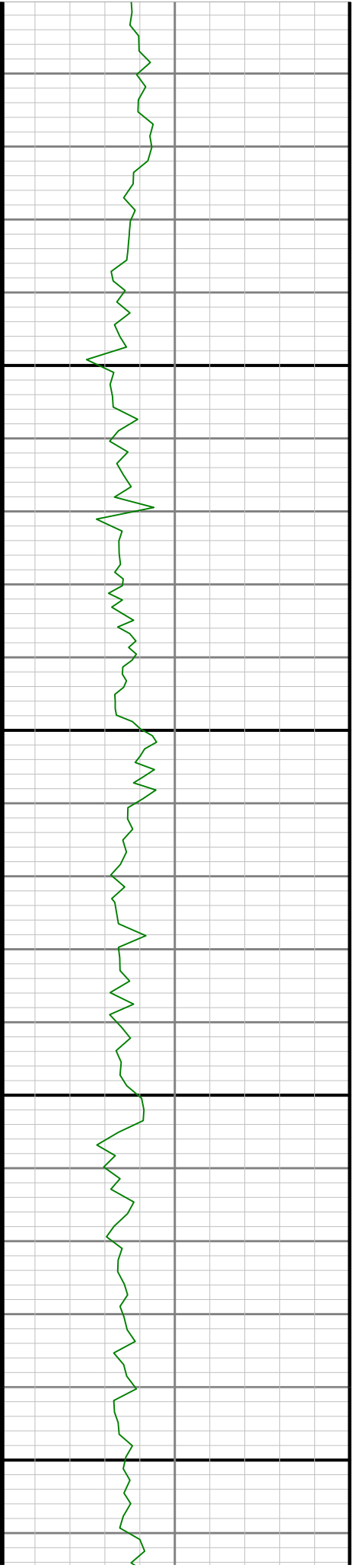


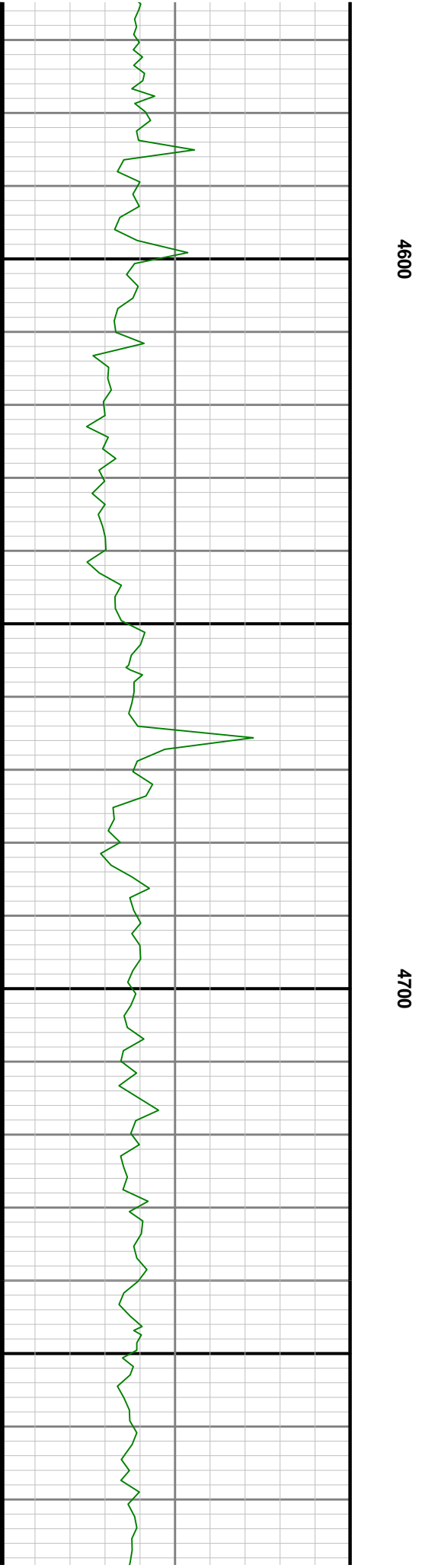
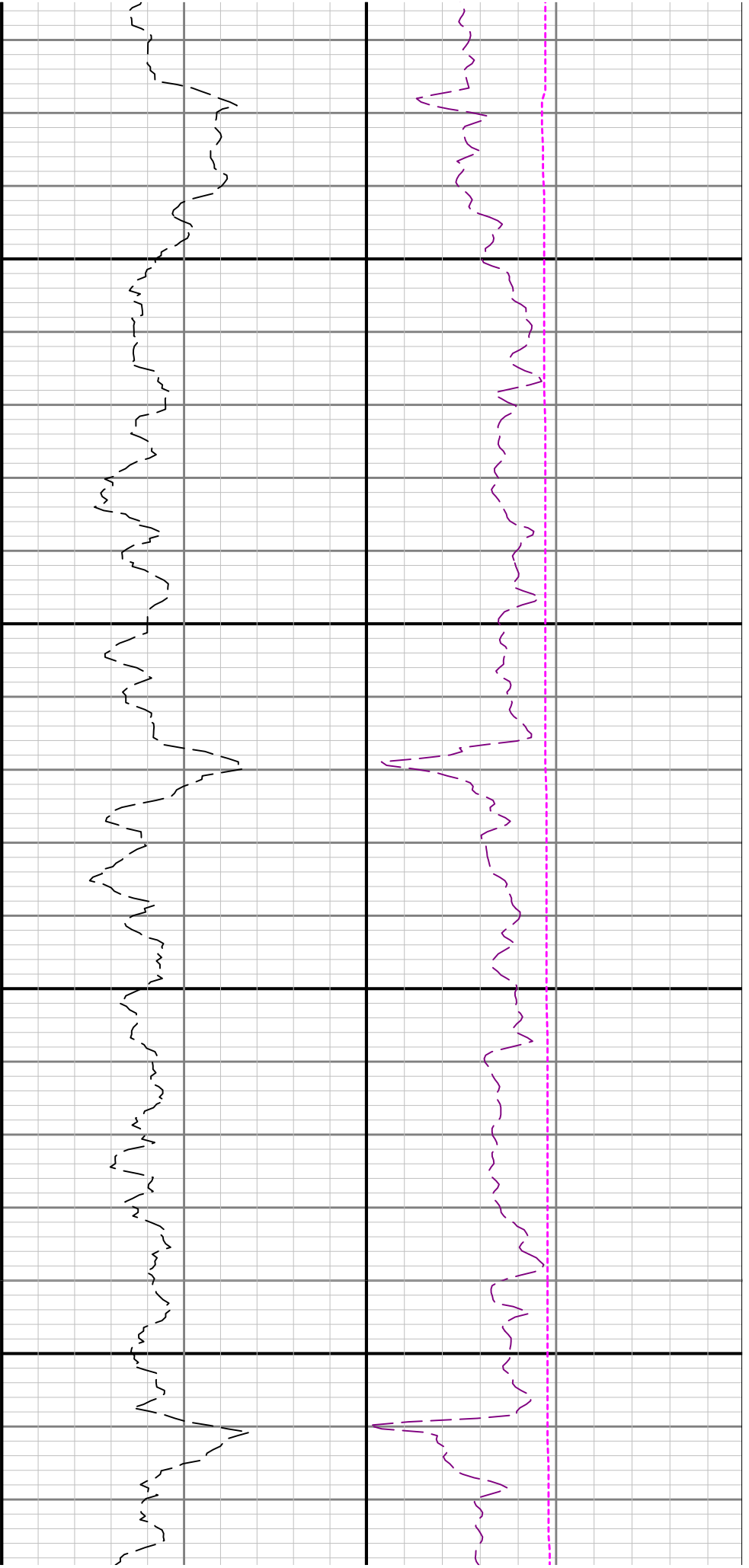


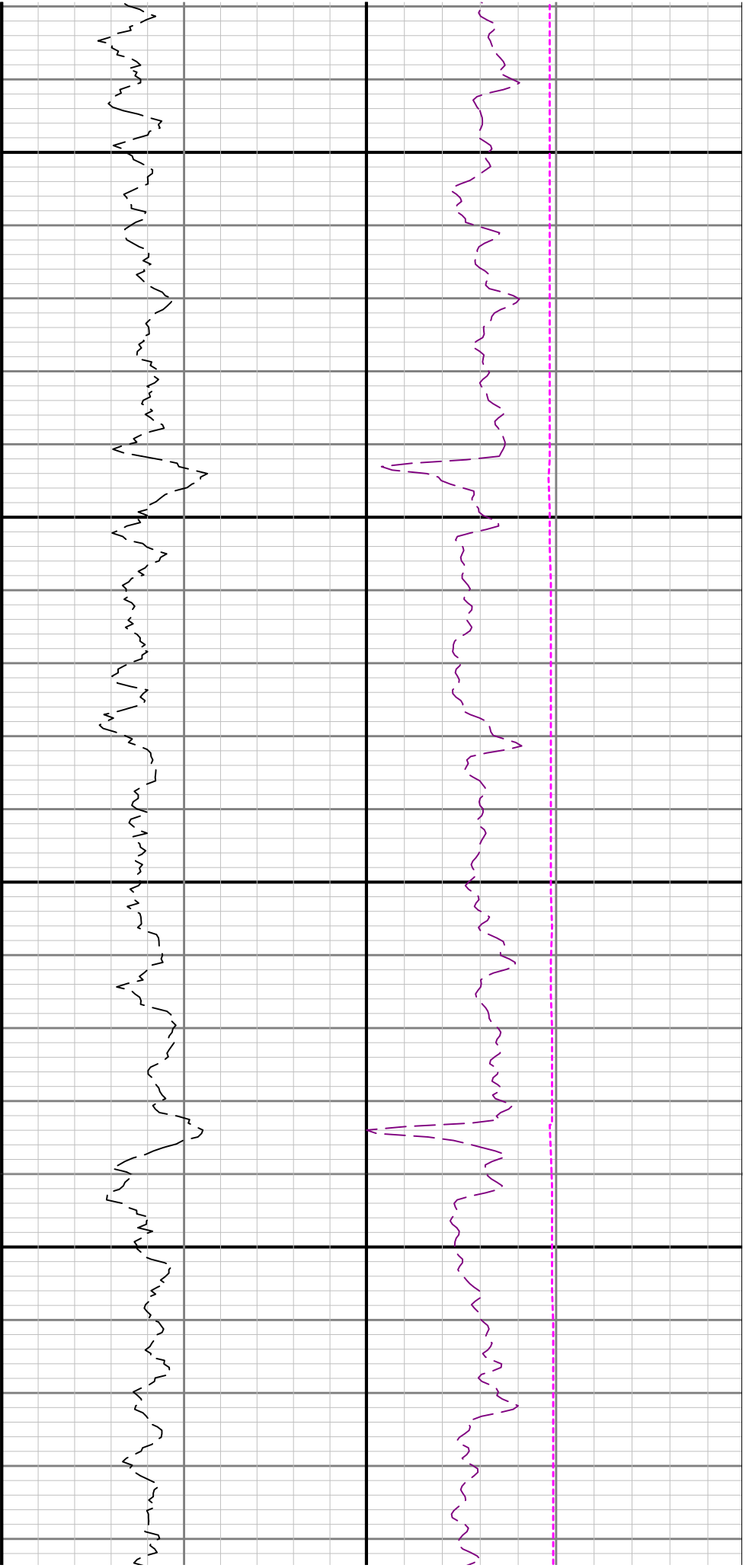


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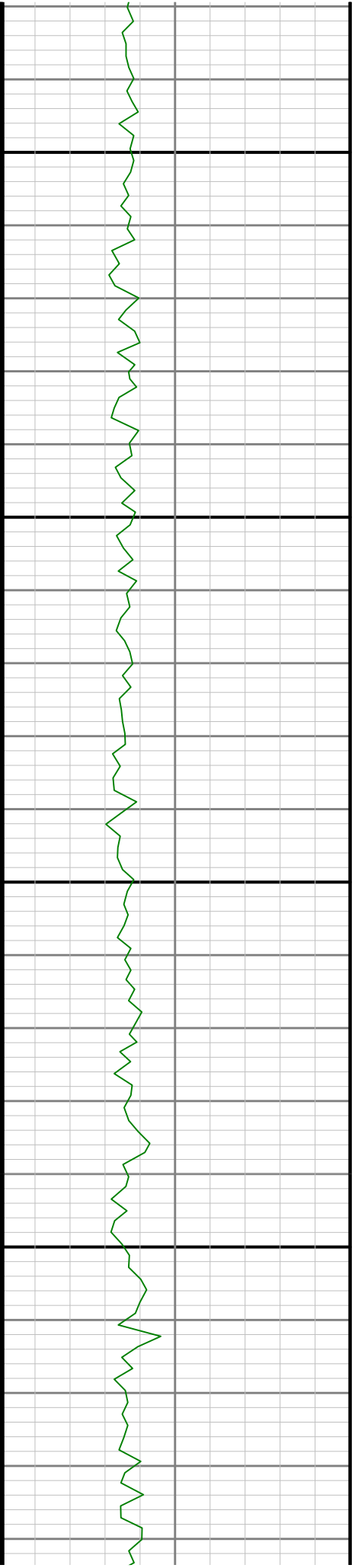


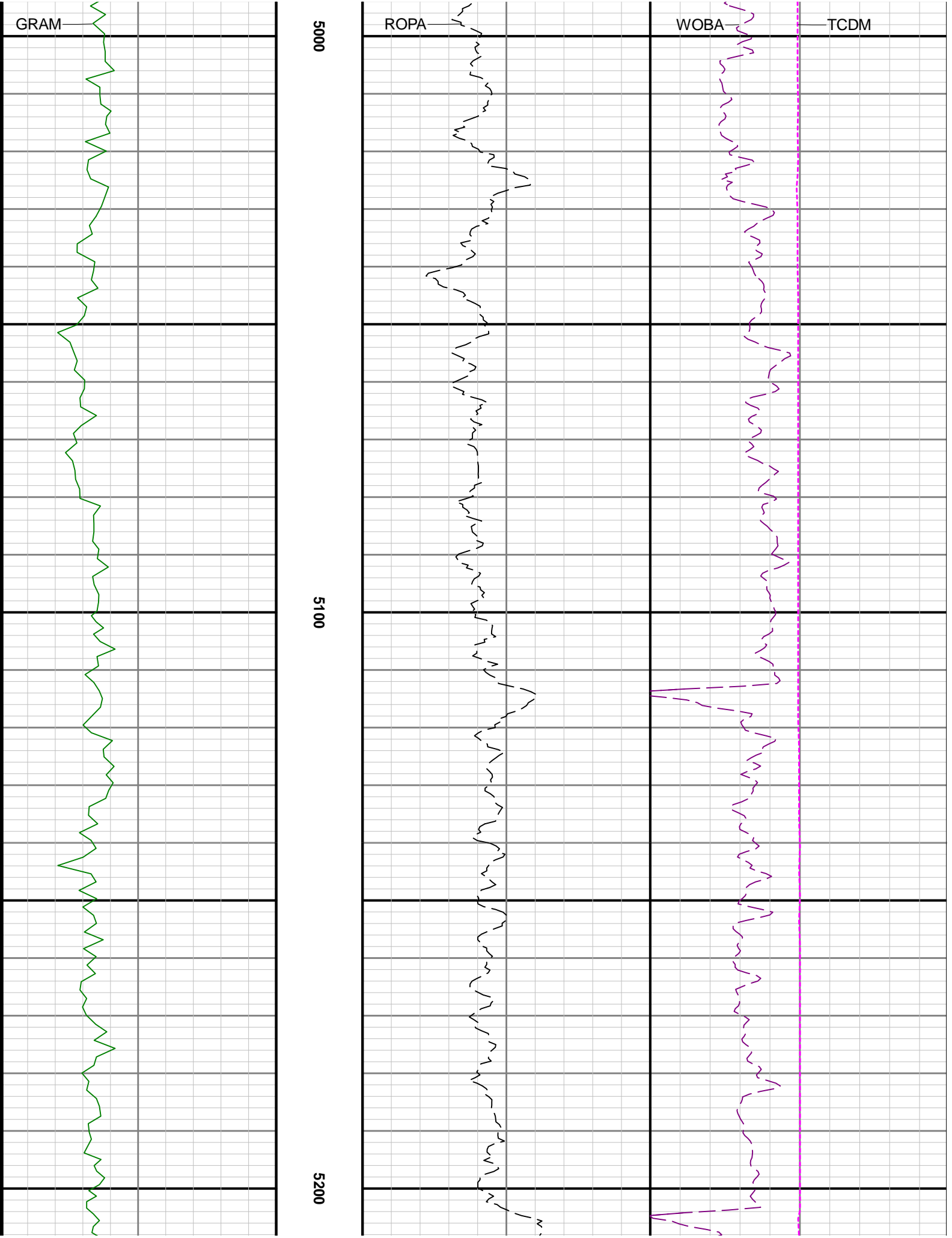


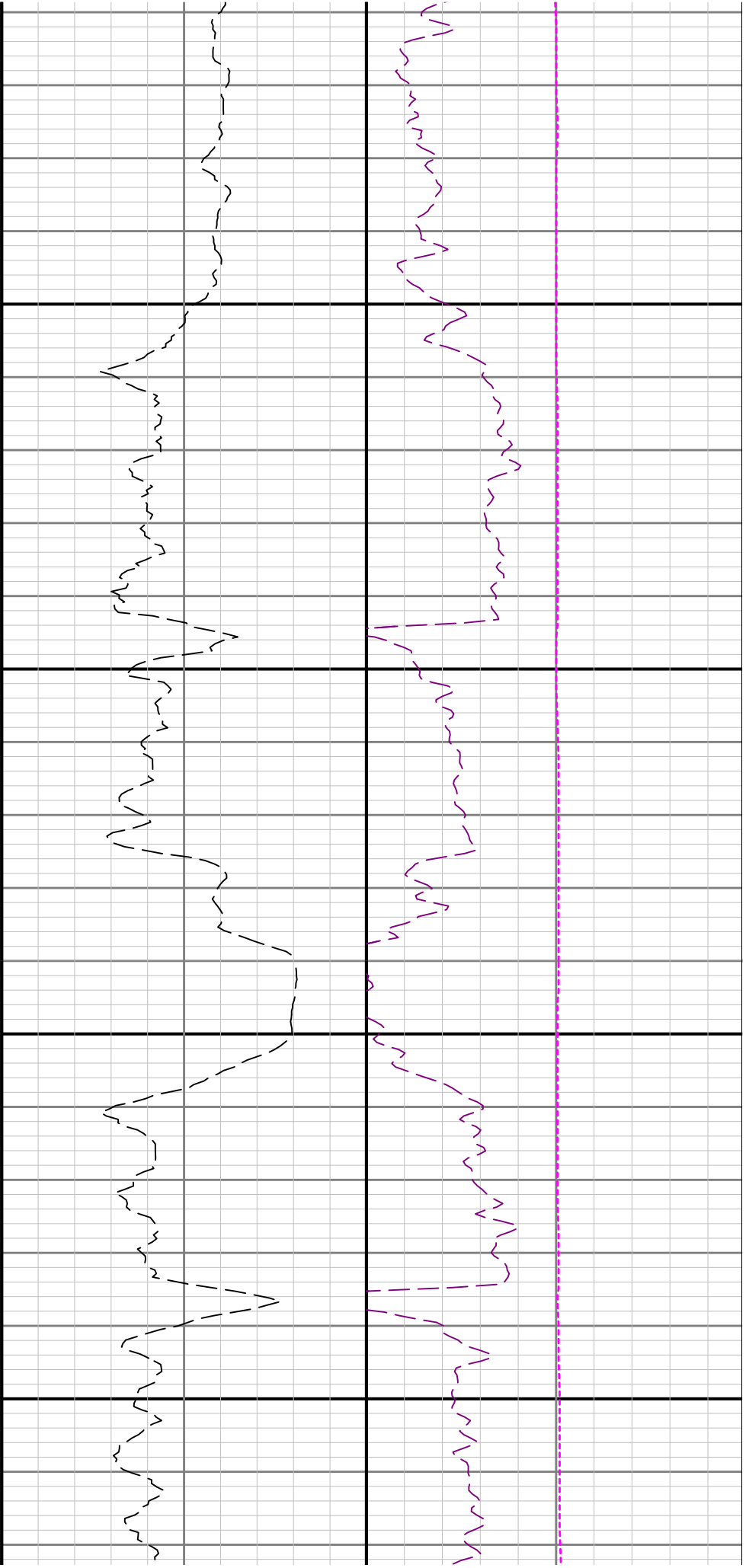


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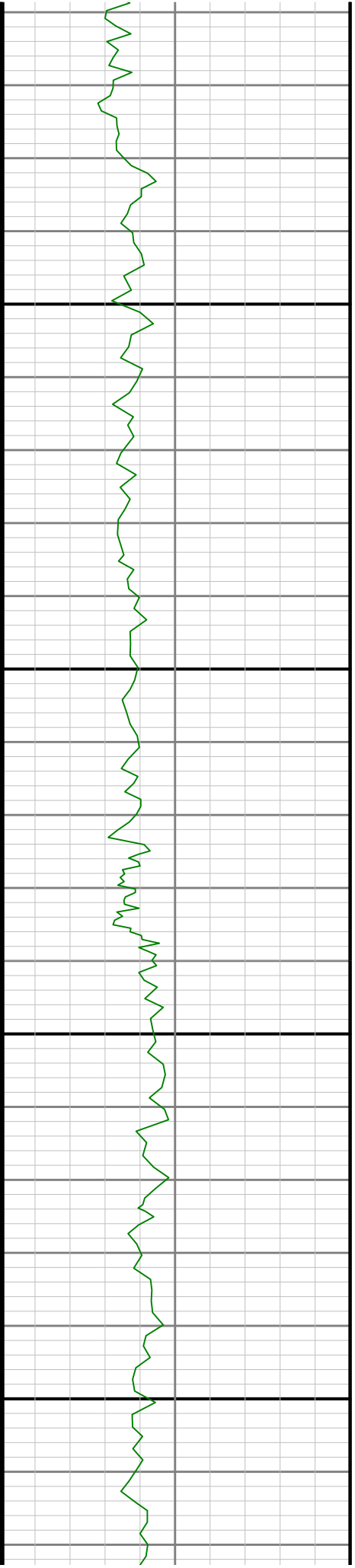


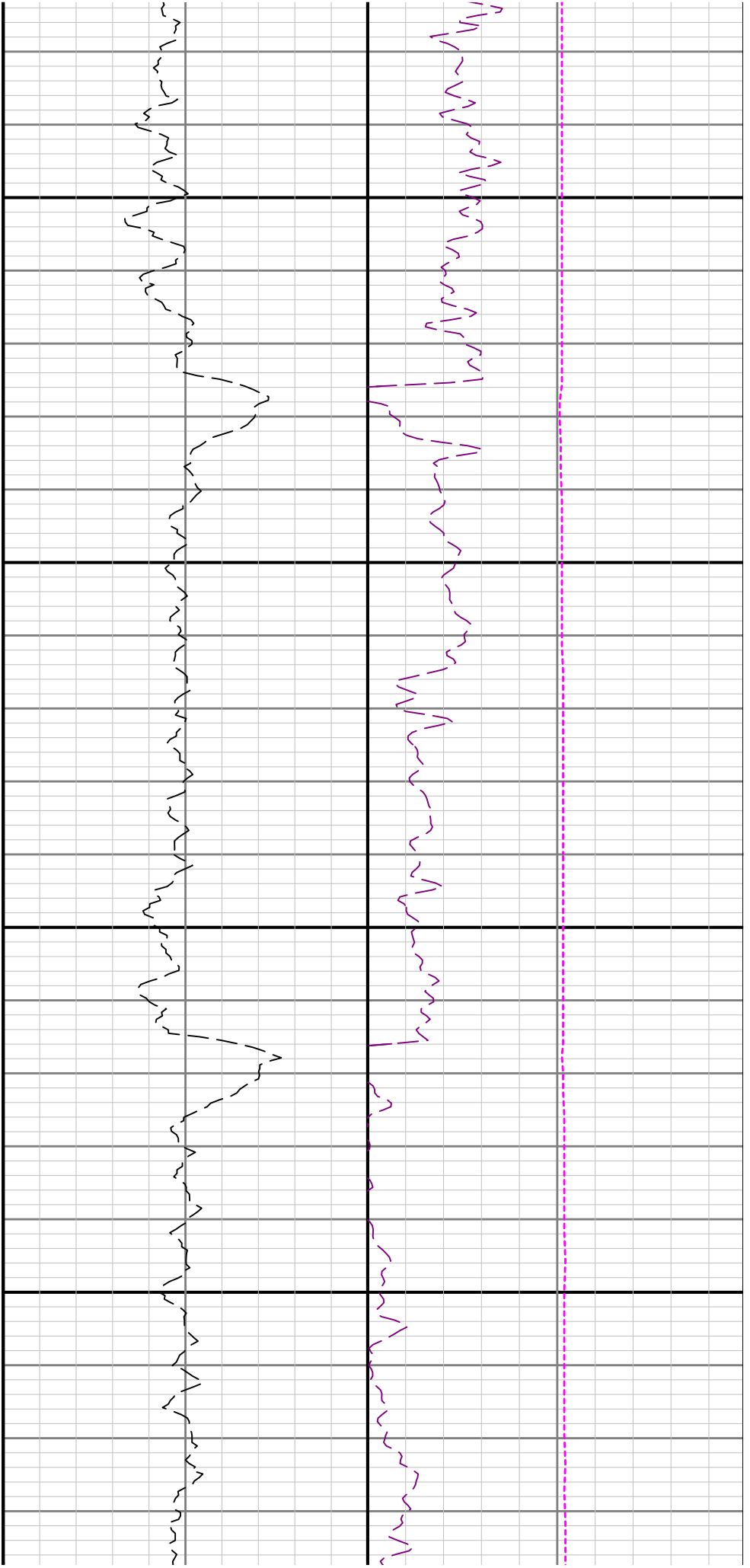




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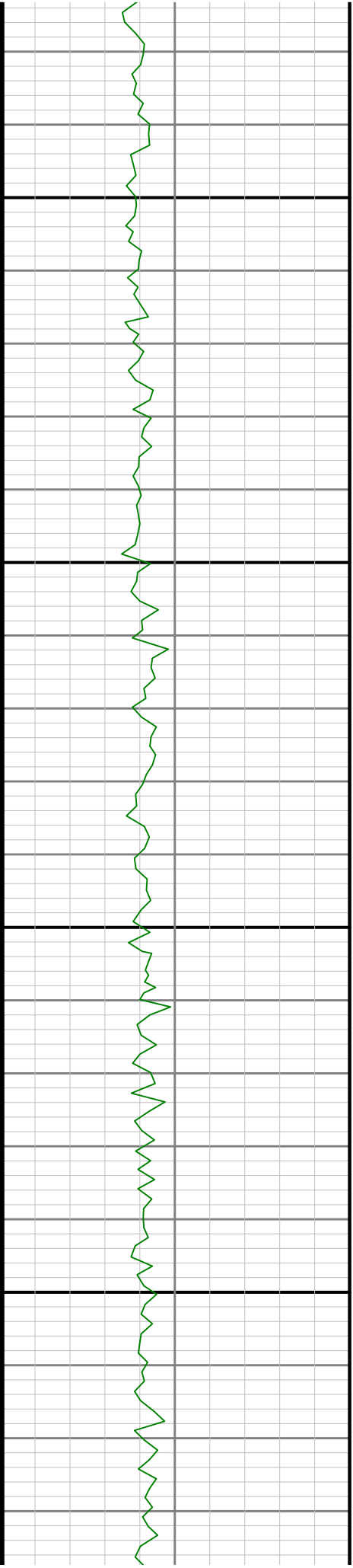
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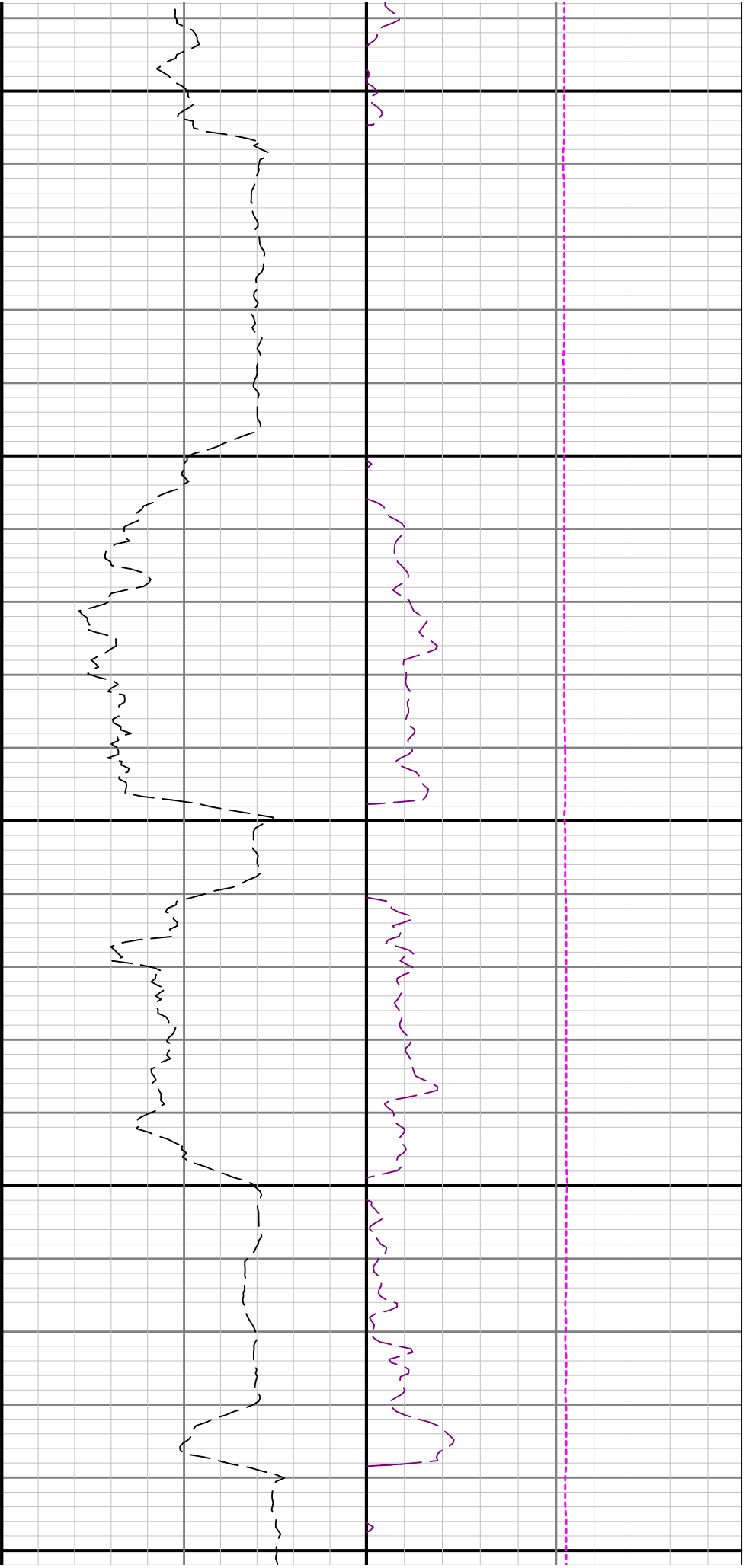




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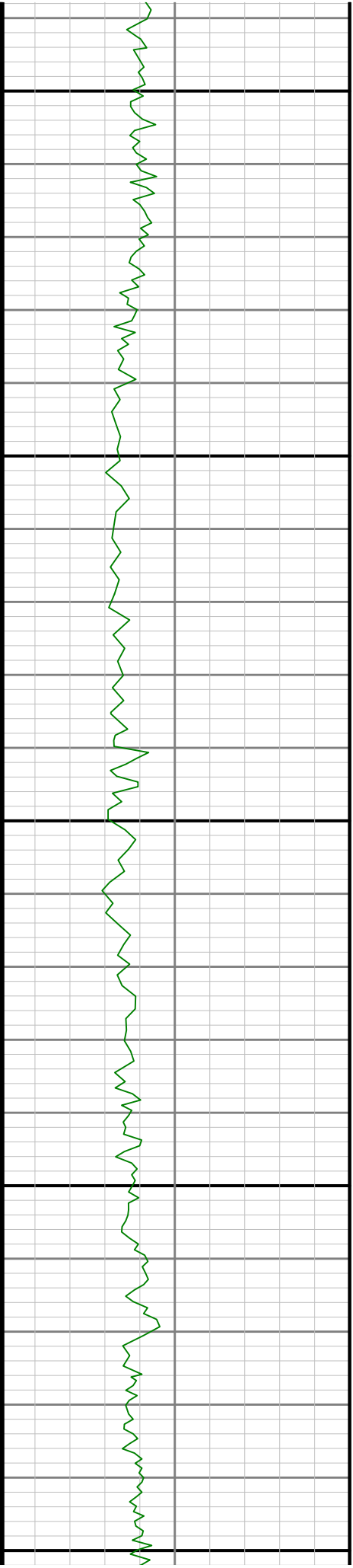
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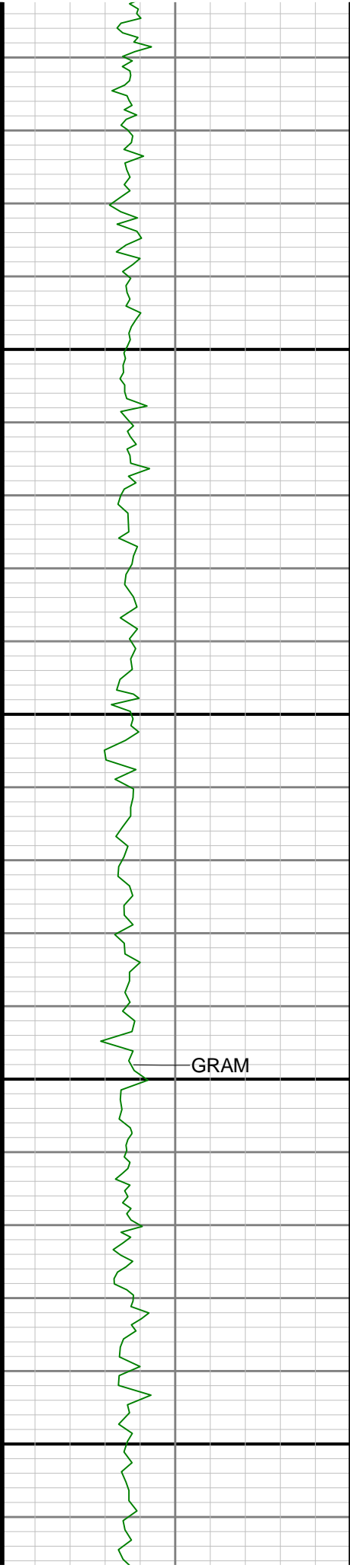




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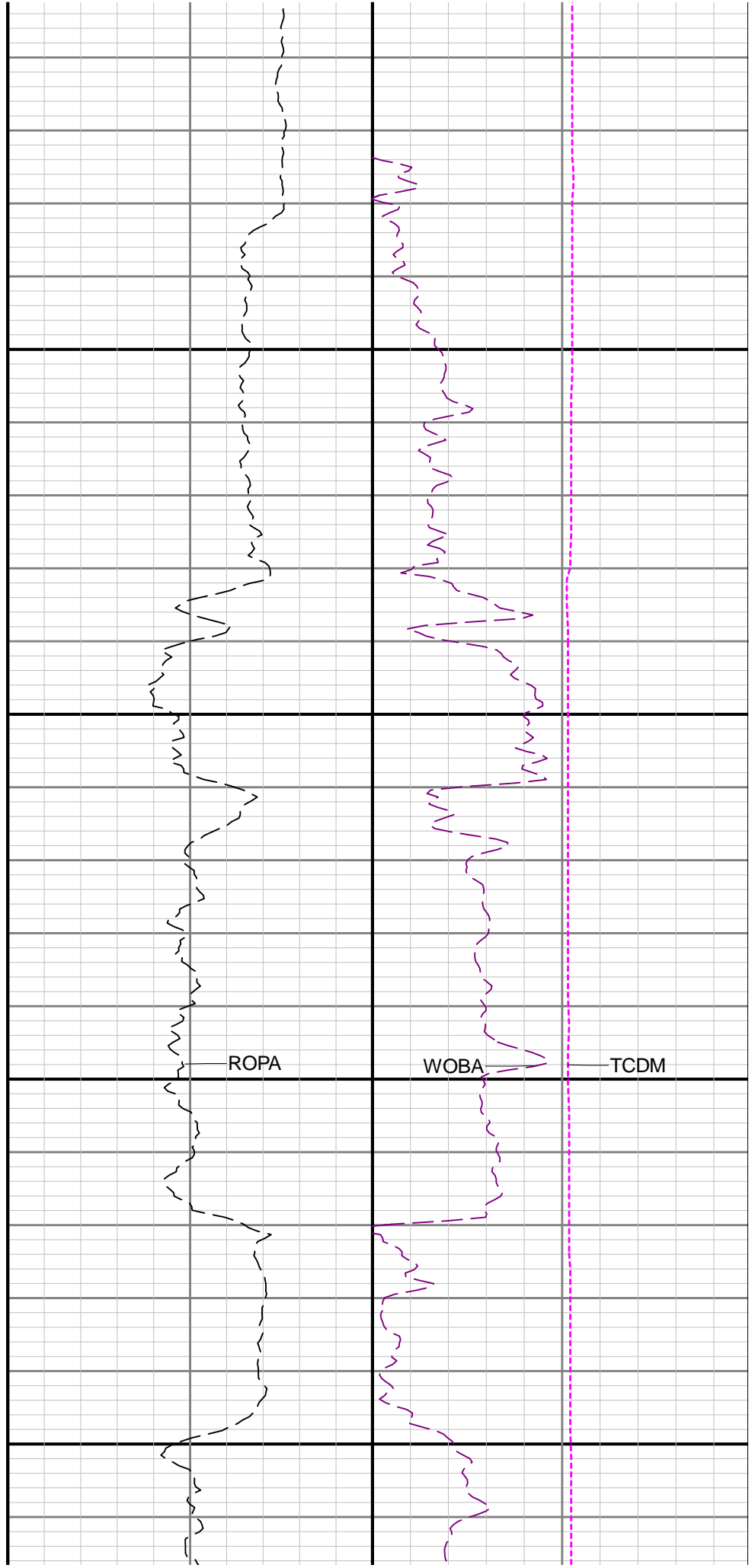
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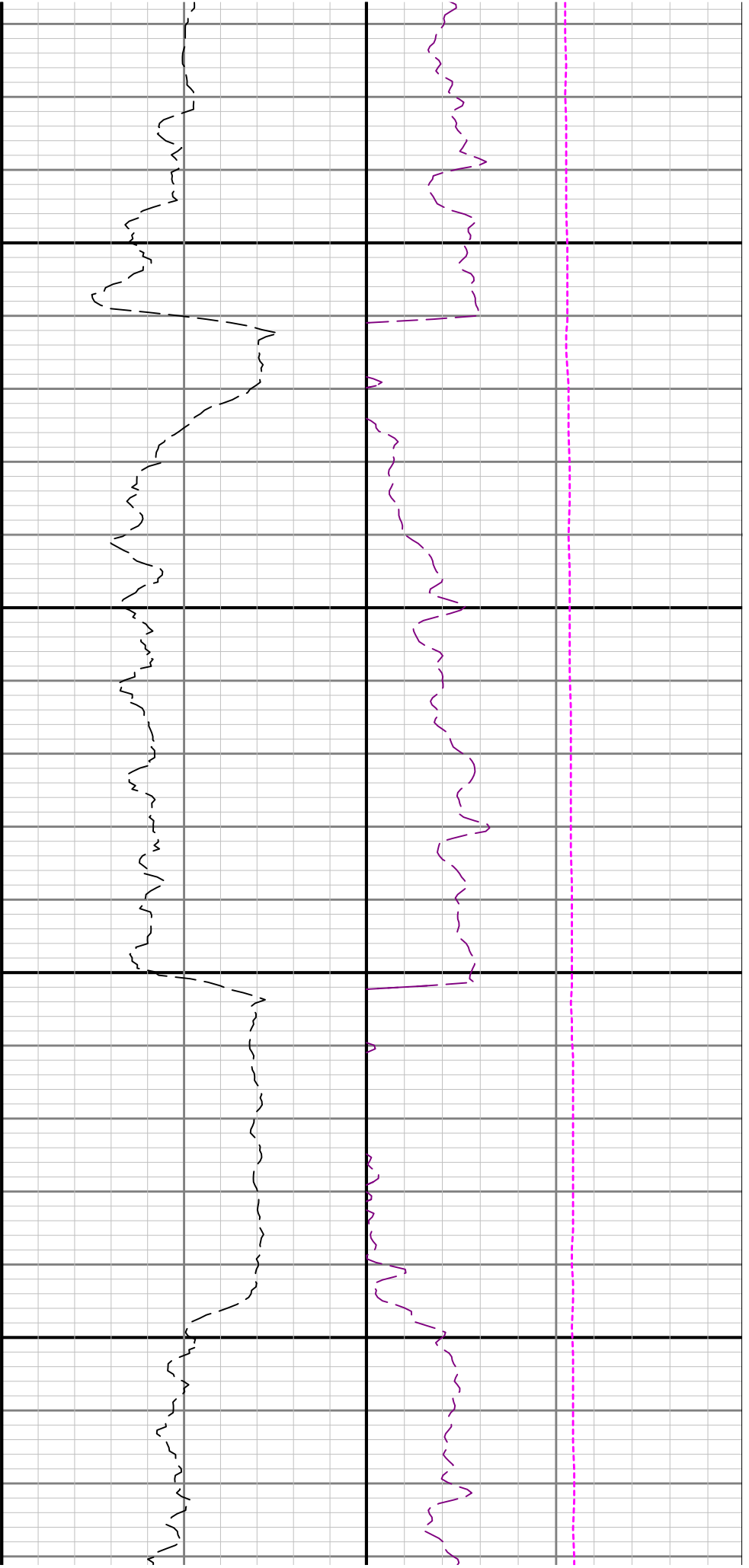




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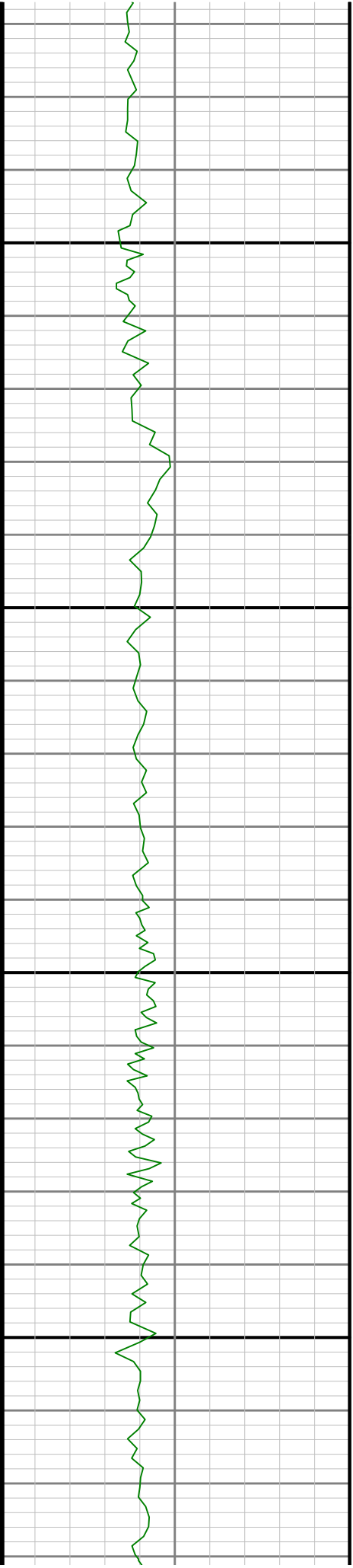
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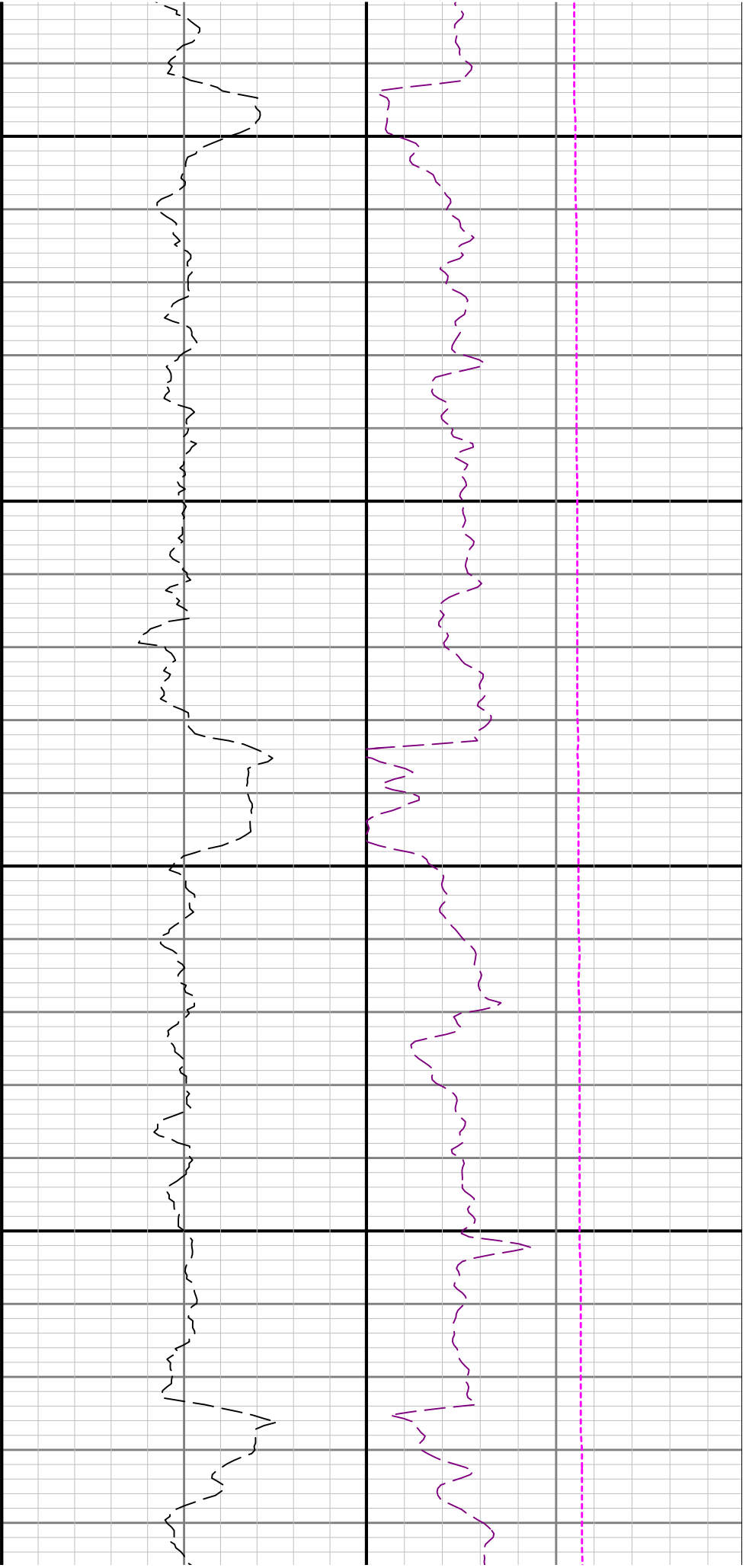




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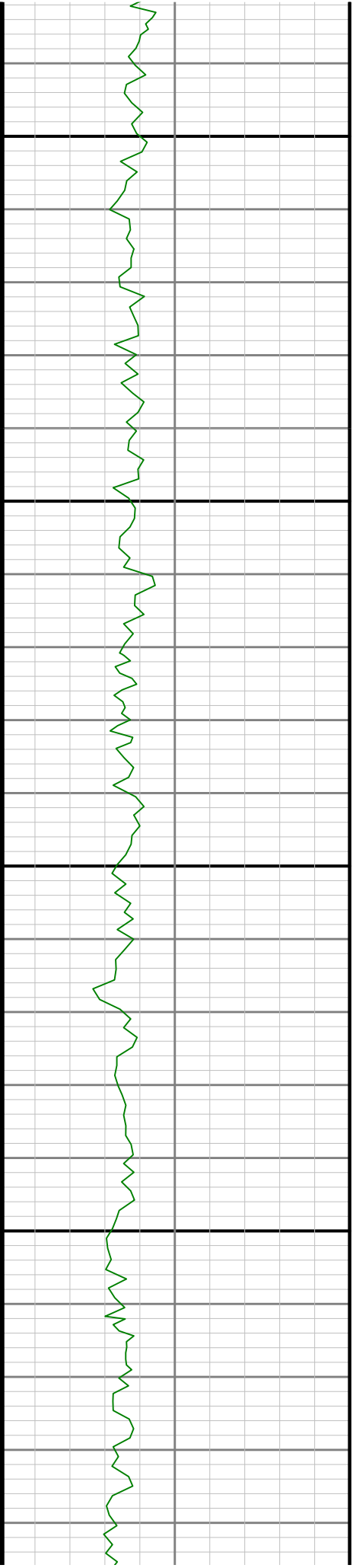
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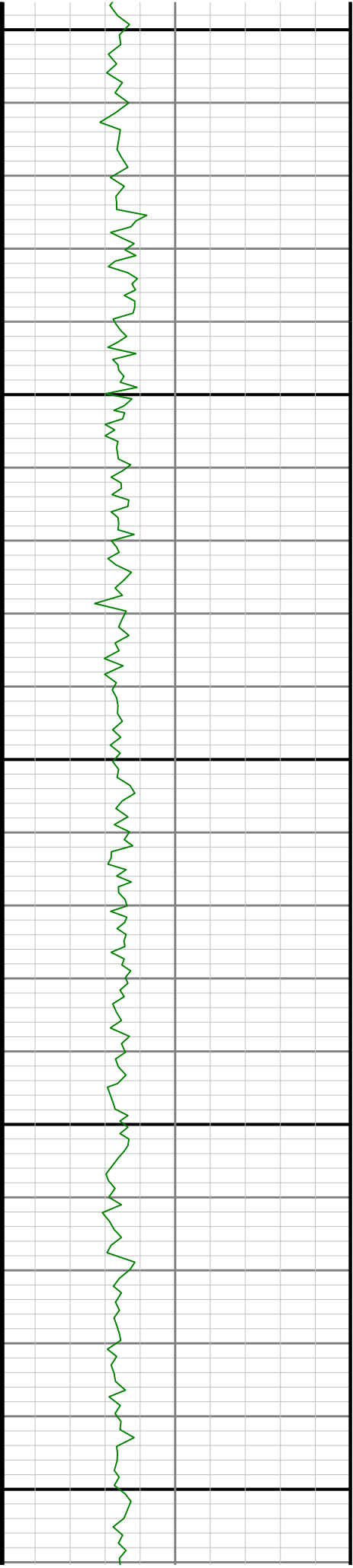




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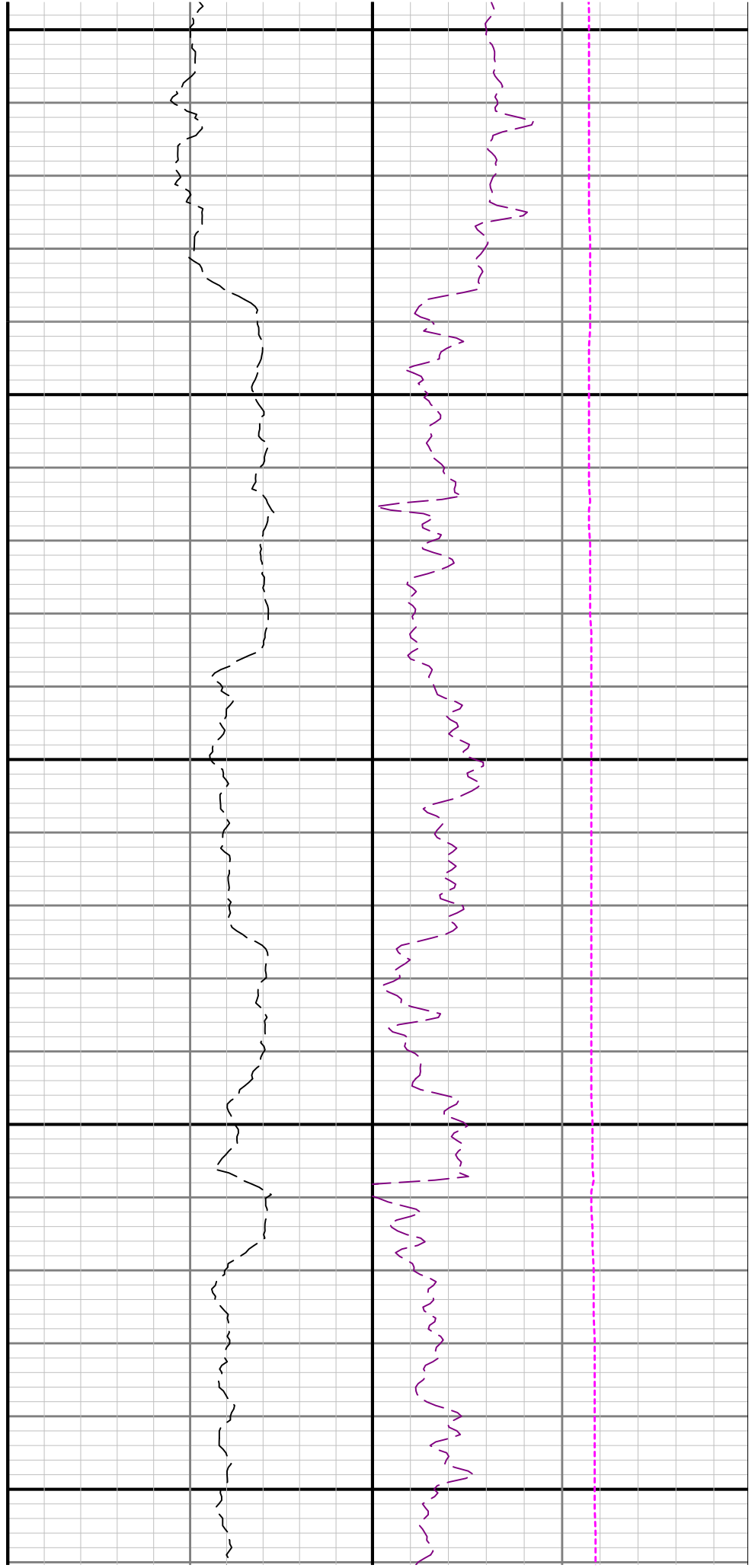


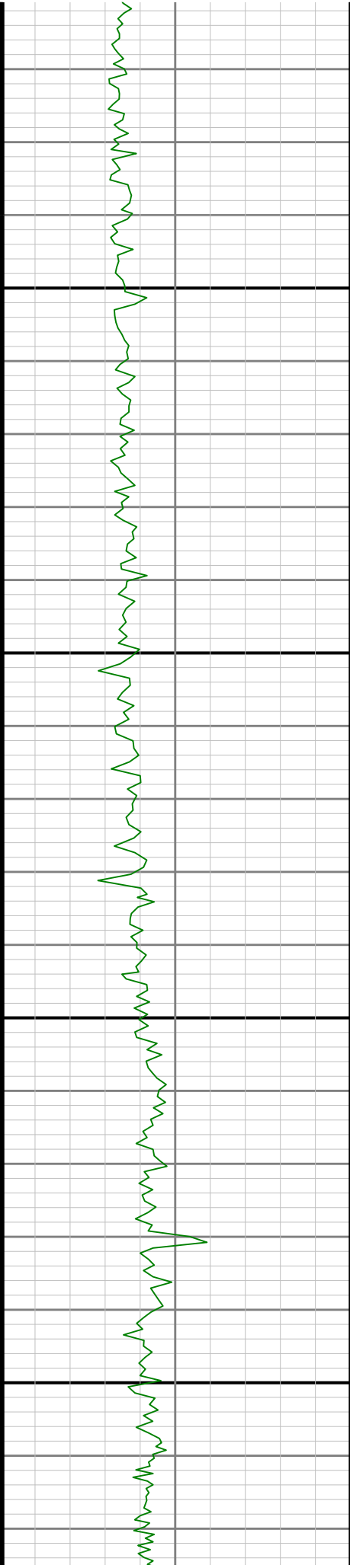


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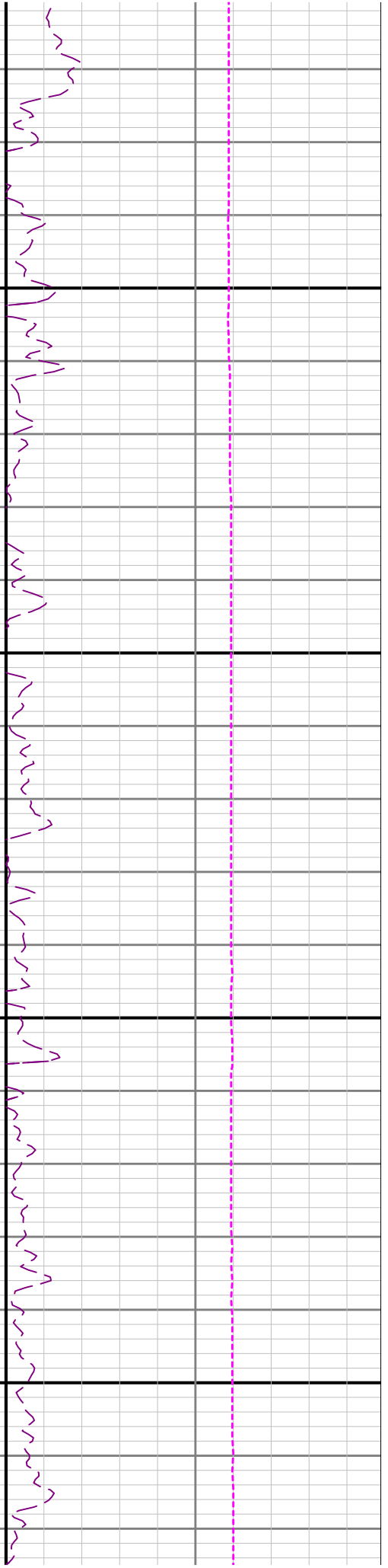
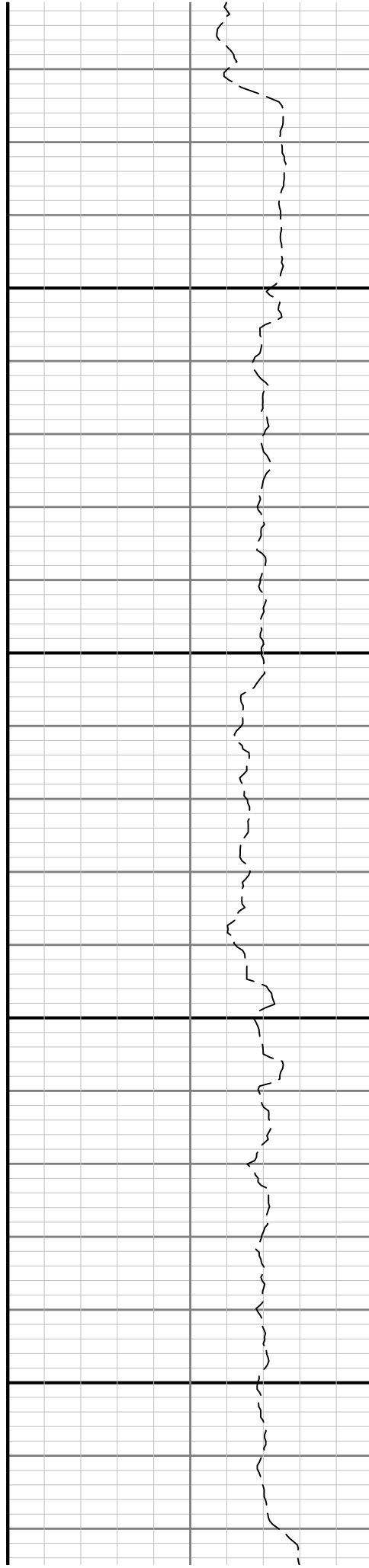
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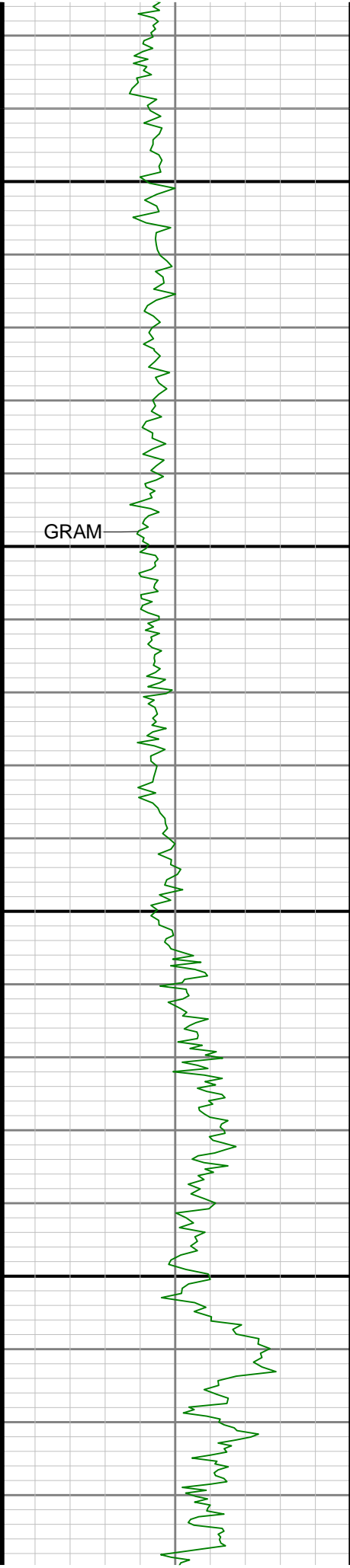




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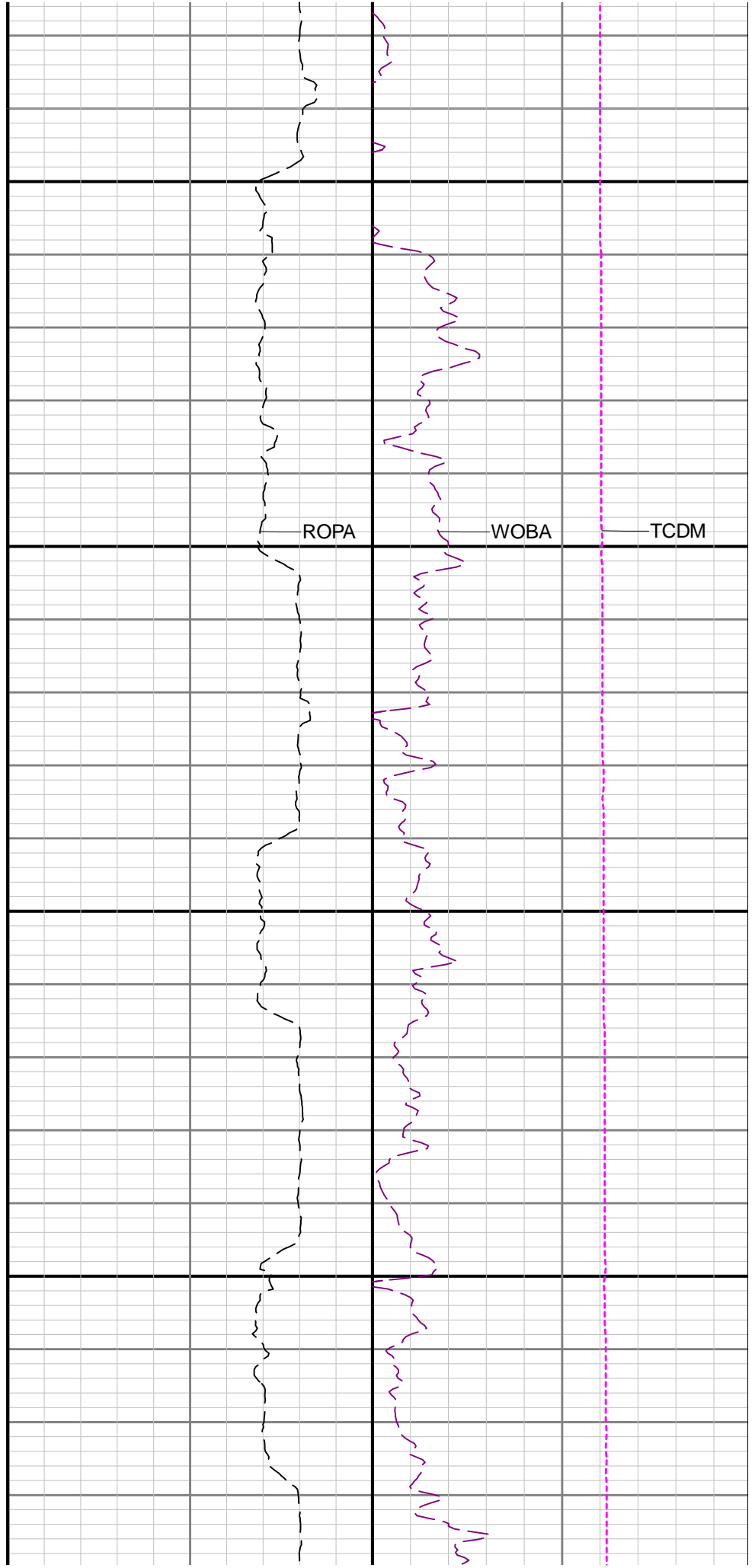
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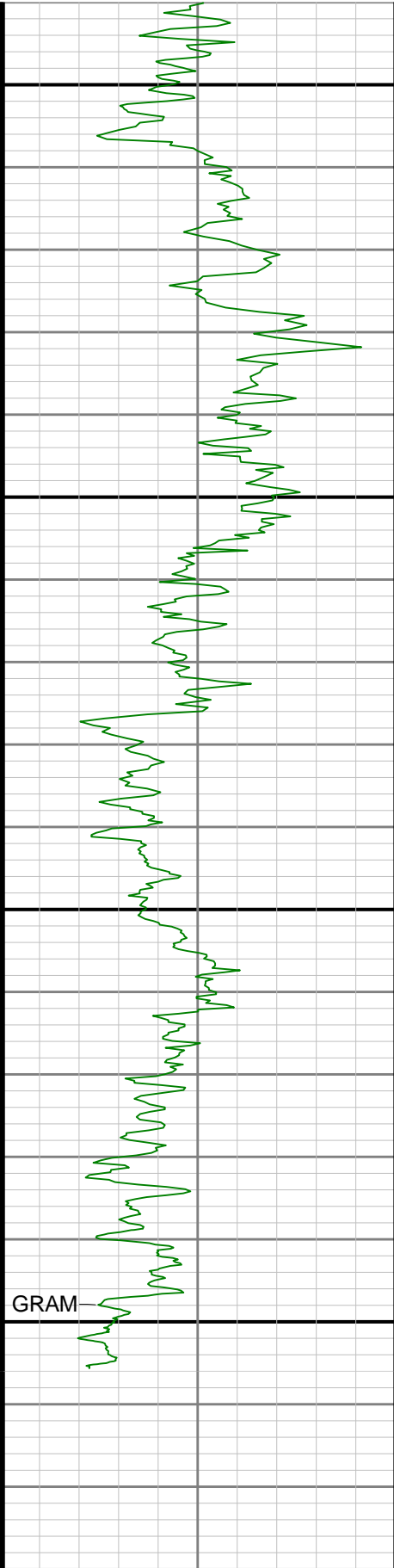




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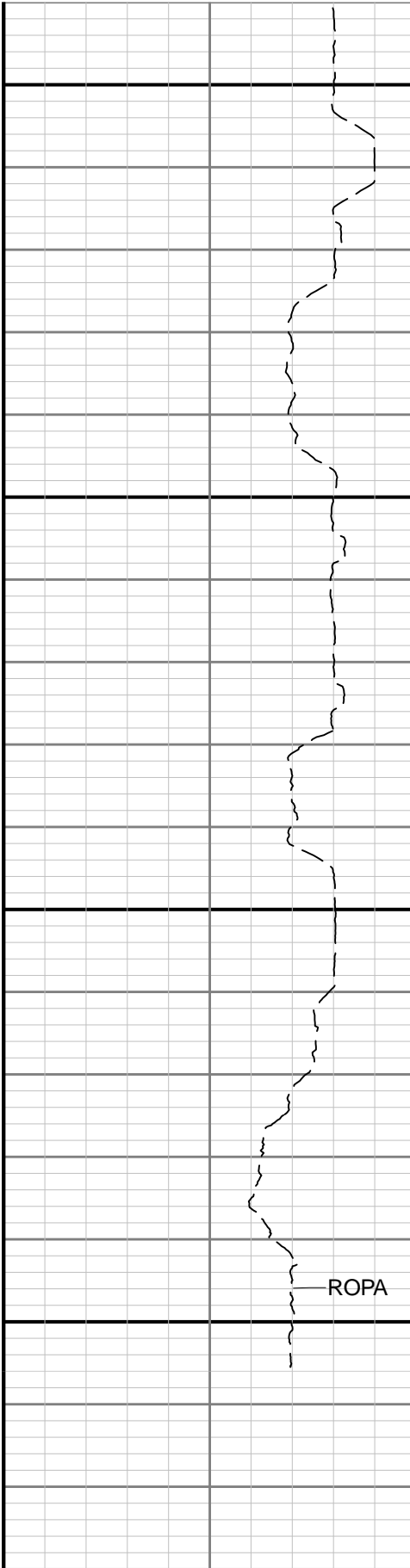
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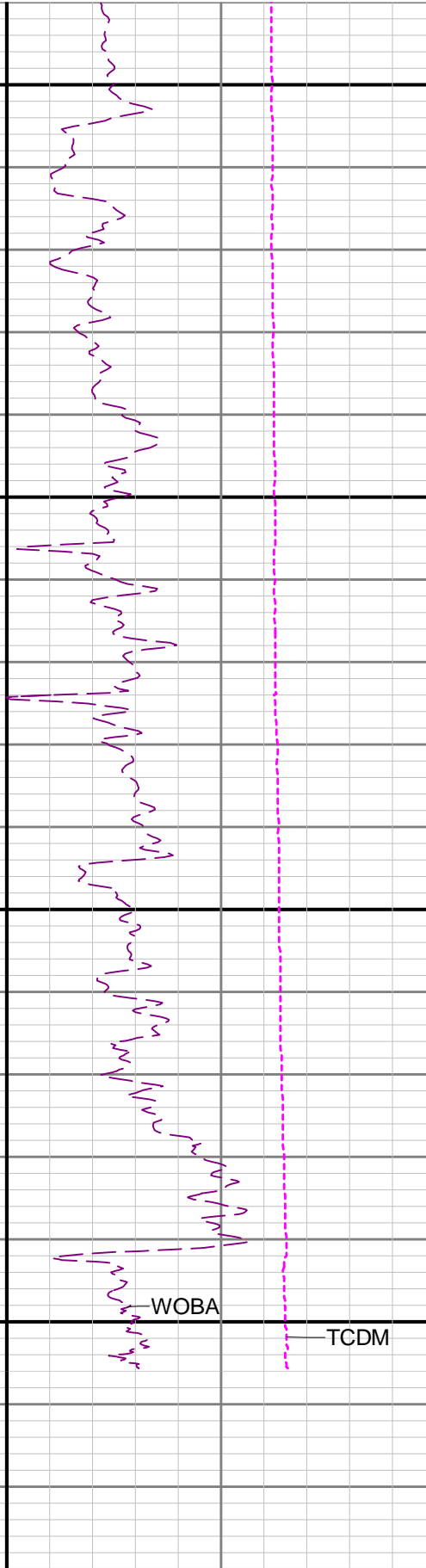


Gamma Ray - Apparent 0.5 ft Average GRAM
0 300
API

7200
7300
TVD 1:240 feet



Depth Averaged ROP 3 ft Average ROP
1000 0
ft/h



Weight On Bit, Average 1 ft Average WOBA
0 50
klb
Downhole Temperature TCDM
0 300
degF

Directional Survey Summary													
Latitude:		040° 32' 32.114" N					Longitude:		104° 45' 35.471" W				
North Reference:		True					Drill Depth Zero:		Rig Floor				
Vertical Datum is:		Ground Level					Vertical Datum to DDZ: (ft)		25.00				
Vertical Section North: (ft)		0.00					Vertical Section East: (ft)		0.00				
Vertical Section Azimuth: (deg)		272.80											
Grid Convergence: (deg)		N/A					Magnetic Declination: (deg)		8.21				
Total Correction: (deg)		8.21					TVD Calculation Method:		Minimum Curvature				
Magnetic Correction:		Off					Local Magnetic Field: (nT)		52304				
Local Magnetic Dip Angle: (deg)		66.88					Local Gravity Field: (m/s2)		9.801				
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	25.00	0.00	0.00	N/A	0.00	0.00	25.00	-4874.00	0.00	0.00	0.00	0.00	0.00
	232.00	0.34	194.26	74.3	-0.60	-0.15	232.00	-4667.00	0.12	207.00	0.16	0.16	-80.07
	326.00	1.16	119.22	74.3	-1.33	0.61	325.99	-4573.01	-0.67	94.00	1.19	0.87	-79.83
	419.00	2.56	85.92	77.0	-1.64	3.50	418.94	-4480.06	-3.58	93.00	1.84	1.51	-35.81
	514.00	4.34	76.14	77.0	-0.63	9.11	513.77	-4385.23	-9.13	95.00	1.97	1.87	-10.29
	608.00	6.22	73.29	77.0	1.69	17.44	607.36	-4291.64	-17.34	94.00	2.02	2.00	-3.03
	703.00	8.17	71.66	77.0	5.29	28.78	701.61	-4197.39	-28.49	95.00	2.06	2.05	-1.72
	797.00	10.47	70.32	82.4	10.27	43.16	794.36	-4104.64	-42.61	94.00	2.46	2.45	-1.43
	892.00	12.51	69.93	82.4	16.71	60.96	887.46	-4011.54	-60.07	95.00	2.15	2.15	-0.41
	987.00	14.47	71.23	82.4	24.06	81.86	979.83	-3919.17	-80.59	95.00	2.09	2.06	1.37
	1082.00	16.09	71.10	82.4	32.14	105.55	1071.47	-3827.53	-103.86	95.00	1.71	1.71	-0.14
	1177.00	17.18	68.47	85.1	41.56	131.06	1162.49	-3736.51	-128.88	95.00	1.39	1.15	-2.77
	1271.00	16.79	65.86	85.1	52.20	156.37	1252.39	-3646.61	-153.63	94.00	0.91	-0.41	-2.78
	1366.00	15.73	63.16	85.1	63.63	180.38	1343.59	-3555.41	-177.05	95.00	1.37	-1.12	-2.84
	1460.00	15.94	65.81	87.8	74.67	203.52	1434.03	-3464.97	-199.63	94.00	0.80	0.22	2.82
	1515.00	15.45	67.22	85.1	80.60	217.17	1486.98	-3412.02	-212.97	55.00	1.13	-0.89	2.56
	1593.00	15.91	69.01	98.7	88.46	236.73	1562.08	-3336.92	-232.12	78.00	0.86	0.59	2.29
	1686.00	16.58	70.67	101.4	97.41	261.15	1651.36	-3247.64	-256.08	93.00	0.88	0.72	1.78
	1781.00	16.79	69.37	104.1	106.73	286.78	1742.36	-3156.64	-281.22	95.00	0.45	0.22	-1.37
	1876.00	16.71	69.41	106.8	116.37	312.41	1833.33	-3065.67	-306.35	95.00	0.09	-0.08	0.04
	1971.00	16.74	70.33	106.8	125.78	338.08	1924.31	-2974.69	-331.53	95.00	0.28	0.03	0.97
	2064.00	16.75	69.25	106.8	135.04	363.22	2013.37	-2885.63	-356.19	93.00	0.33	0.01	-1.16
	2158.00	16.75	70.19	109.5	144.43	388.63	2103.38	-2795.62	-381.11	94.00	0.29	0.00	1.00
	2252.00	16.70	71.18	109.5	153.37	414.16	2193.41	-2705.59	-406.17	94.00	0.31	-0.05	1.05
	2346.00	16.78	75.49	112.2	161.13	440.08	2283.43	-2615.57	-431.68	94.00	1.32	0.09	4.59
	2440.00	16.72	74.43	112.2	168.16	466.24	2373.44	-2525.56	-457.47	94.00	0.33	-0.06	-1.13
	2535.00	16.78	76.23	114.9	175.09	492.72	2464.41	-2434.59	-483.58	95.00	0.55	0.06	1.89
	2629.00	16.65	77.73	114.9	181.18	519.06	2554.44	-2344.56	-509.59	94.00	0.48	-0.14	1.60
	2723.00	16.97	79.97	114.9	186.43	545.73	2644.42	-2254.58	-535.97	94.00	0.77	0.34	2.38
	2817.00	16.71	78.89	117.6	191.43	572.50	2734.39	-2164.61	-562.46	94.00	0.43	-0.28	-1.15
	2912.00	16.80	79.65	117.6	196.53	599.40	2825.36	-2073.64	-589.09	95.00	0.25	0.09	0.80
	3007.00	16.94	76.88	120.3	202.13	626.39	2916.27	-1982.73	-615.77	95.00	0.86	0.15	-2.92
	3101.00	16.60	73.27	120.3	209.11	652.59	3006.27	-1892.73	-641.59	94.00	1.17	-0.36	-3.84
	3196.00	16.83	70.69	120.3	217.56	678.56	3097.26	-1801.74	-667.12	95.00	0.82	0.24	-2.72
	3291.00	16.68	70.46	123.0	226.67	704.39	3188.23	-1710.77	-692.48	95.00	0.17	-0.16	-0.24
	3386.00	16.66	66.18	123.0	236.73	729.70	3279.24	-1619.76	-717.26	95.00	1.29	-0.02	-4.51
	3480.00	16.59	63.95	125.7	248.07	754.08	3369.31	-1529.69	-741.06	94.00	0.68	-0.07	-2.37
	3575.00	16.60	67.69	125.7	259.17	778.82	3460.36	-1438.64	-765.23	95.00	1.12	0.01	3.94
	3669.00	16.72	68.04	128.4	269.33	803.78	3550.41	-1348.59	-789.67	94.00	0.17	0.13	0.37
	3763.00	15.07	73.54	128.4	277.85	828.04	3640.82	-1258.18	-813.48	94.00	2.37	-1.76	5.85
	3858.00	16.58	82.20	131.1	283.19	853.32	3732.23	-1166.77	-838.47	95.00	2.95	1.59	9.12
	3952.00	16.94	78.68	131.1	287.70	880.04	3822.24	-1076.76	-864.93	94.00	1.15	0.38	-3.74
	4047.00	16.85	70.91	131.1	294.92	906.62	3913.15	-985.85	-891.14	95.00	2.38	-0.09	-8.18
	4141.00	16.77	63.95	133.8	305.33	931.68	4003.14	-895.86	-915.66	94.00	2.14	-0.09	-7.40
	4236.00	16.85	61.77	133.8	317.86	956.13	4094.08	-804.92	-939.46	95.00	0.67	0.08	-2.29
	4330.00	16.70	60.26	136.5	331.00	979.86	4184.08	-714.92	-962.52	94.00	0.49	-0.16	-1.61
	4425.00	16.74	64.67	136.5	343.63	1004.08	4275.07	-623.93	-986.09	95.00	1.34	0.04	4.64
	4520.00	16.69	70.89	139.2	353.95	1029.34	4366.06	-532.94	-1010.82	95.00	1.88	-0.05	6.55
	4614.00	16.97	74.87	139.2	361.95	1055.33	4456.04	-442.96	-1036.39	94.00	1.26	0.30	4.23
	4802.00	16.85	75.75	139.2	375.82	1108.23	4635.91	-263.09	-1088.55	188.00	0.15	-0.06	0.47
	4897.00	16.89	74.93	141.9	382.79	1134.90	4726.82	-172.18	-1114.84	95.00	0.25	0.04	-0.86
	4992.00	16.93	74.38	144.6	390.11	1161.55	4817.72	-81.28	-1141.10	95.00	0.17	0.04	-0.58
	5087.00	16.88	73.47	144.6	397.76	1188.09	4908.61	9.61	-1167.24	95.00	0.28	-0.05	-0.96
	5181.00	16.87	72.78	147.3	405.68	1214.20	4998.56	99.56	-1192.93	94.00	0.21	-0.01	-0.73
	5276.00	17.17	71.15	147.3	414.29	1240.64	5089.40	190.40	-1218.92	95.00	0.59	0.32	-1.72
	5371.00	16.75	66.45	150.0	424.29	1266.46	5180.28	281.28	-1244.22	95.00	1.51	-0.44	-4.95
	5465.00	16.97	67.16	150.0	435.02	1291.52	5270.24	371.24	-1268.73	94.00	0.32	0.23	0.76
	5560.00	16.37	72.93	150.0	444.34	1317.10	5361.25	462.25	-1293.82	95.00	1.85	-0.63	6.07

	5654.00	16.54	74.89	152.7	451.71	1342.68	5451.40	552.40	-1319.01	94.00	0.62	0.18	2.09
	5748.00	16.52	75.93	152.7	458.45	1368.56	5541.52	642.52	-1344.53	94.00	0.32	-0.02	1.11
	5843.00	16.65	79.67	155.4	464.17	1395.05	5632.57	733.57	-1370.71	95.00	1.13	0.14	3.94
	5938.00	16.41	81.96	155.4	468.49	1421.73	5723.64	824.64	-1397.14	95.00	0.73	-0.25	2.41
	6033.00	16.76	83.51	158.1	471.92	1448.62	5814.69	915.69	-1423.84	95.00	0.59	0.37	1.63
	6127.00	16.56	74.20	155.4	477.10	1474.98	5904.76	1005.76	-1449.92	94.00	2.84	-0.21	-9.90
	6222.00	16.32	67.34	155.4	485.93	1500.33	5995.88	1096.88	-1474.80	95.00	2.06	-0.25	-7.22
	6317.00	16.66	64.37	158.1	496.96	1524.93	6086.98	1187.98	-1498.83	95.00	0.96	0.36	-3.13
	6412.00	15.65	67.62	160.8	507.73	1549.05	6178.23	1279.23	-1522.40	95.00	1.43	-1.06	3.42
	6506.00	17.02	67.63	163.5	517.79	1573.50	6268.43	1369.43	-1546.33	94.00	1.46	1.46	0.01
	6601.00	16.66	66.81	166.2	528.45	1598.87	6359.36	1460.36	-1571.15	95.00	0.45	-0.38	-0.86
	6790.00	16.89	63.09	171.6	551.54	1648.26	6540.32	1641.32	-1619.35	189.00	0.58	0.12	-1.97
	6885.00	8.83	58.30	174.3	561.64	1666.80	6632.86	1733.86	-1637.38	95.00	8.55	-8.48	-5.04
	6980.00	0.21	349.47	177.0	565.65	1672.99	6727.48	1828.48	-1643.36	95.00	9.22	-9.07	-72.45
	7074.00	9.15	283.67	179.7	567.59	1665.68	6821.08	1922.08	-1635.96	94.00	9.64	9.51	-70.00
	7169.00	18.38	286.76	179.7	573.70	1643.95	6913.25	2014.25	-1613.96	95.00	9.74	9.72	3.25
	7264.00	27.61	278.89	182.5	581.44	1607.77	7000.63	2101.63	-1577.45	95.00	10.22	9.72	-8.28
	7359.00	36.85	273.83	182.5	586.76	1557.48	7080.92	2181.92	-1526.96	95.00	10.13	9.73	-5.33
	7452.00	46.04	271.63	185.2	589.58	1496.06	7150.56	2251.56	-1465.48	93.00	10.00	9.88	-2.37
	7547.00	56.00	267.67	187.9	588.95	1422.34	7210.26	2311.26	-1391.87	95.00	10.97	10.48	-4.17
	7642.00	66.28	266.80	190.6	584.91	1339.35	7256.05	2357.05	-1309.17	95.00	10.85	10.82	-0.92
	7736.00	76.36	266.84	196.0	579.98	1250.55	7286.12	2387.12	-1220.72	94.00	10.72	10.72	0.04
	7830.00	84.67	267.84	196.0	575.69	1158.02	7301.60	2402.60	-1128.51	94.00	8.90	8.84	1.06
	7924.00	90.40	268.63	196.0	572.80	1064.19	7305.64	2406.64	-1034.94	94.00	6.15	6.10	0.84
	8019.00	90.40	268.27	198.7	570.23	969.22	7304.97	2405.97	-940.21	95.00	0.38	-0.00	-0.38
	8113.00	90.83	266.59	198.7	566.02	875.33	7303.97	2404.97	-846.63	94.00	1.84	0.46	-1.79
	8208.00	90.83	266.49	201.4	560.28	780.51	7302.59	2403.59	-752.21	95.00	0.11	0.00	-0.11
	8302.00	90.71	266.07	204.1	554.19	686.72	7301.33	2402.33	-658.83	94.00	0.46	-0.13	-0.45
	8397.00	90.86	265.54	204.1	547.24	591.98	7300.02	2401.02	-564.54	95.00	0.58	0.16	-0.56
	8491.00	90.65	261.08	204.1	536.29	498.65	7298.79	2399.79	-471.86	94.00	4.75	-0.22	-4.74
	8586.00	90.99	264.51	204.1	524.38	404.43	7297.43	2398.43	-378.33	95.00	3.63	0.36	3.61
	8681.00	90.98	267.42	204.1	517.69	309.69	7295.79	2396.79	-284.03	95.00	3.06	-0.01	3.06
	8775.00	91.08	268.09	206.8	514.01	215.77	7294.10	2395.10	-190.41	94.00	0.72	0.11	0.71
	8870.00	91.23	267.86	209.5	510.66	120.85	7292.19	2393.19	-95.76	95.00	0.29	0.16	-0.24
	8964.00	91.29	268.73	209.5	507.86	26.92	7290.12	2391.12	-2.08	94.00	0.93	0.06	0.93
	9058.00	90.95	269.51	212.2	506.42	-67.05	7288.28	2389.28	91.71	94.00	0.91	-0.36	0.83
	9153.00	91.35	270.51	214.9	506.43	-162.03	7286.38	2387.38	186.58	95.00	1.13	0.42	1.05
	9247.00	91.11	271.85	214.9	508.37	-255.99	7284.36	2385.36	280.51	94.00	1.45	-0.26	1.43
	9342.00	91.02	271.67	214.9	511.29	-350.93	7282.59	2383.59	375.48	95.00	0.21	-0.09	-0.19
	9436.00	90.95	273.11	217.6	515.21	-444.83	7280.98	2381.98	469.46	94.00	1.53	-0.07	1.53
	9530.00	90.49	273.53	217.6	520.65	-538.66	7279.80	2380.80	563.45	94.00	0.66	-0.49	0.45
	9625.00	90.43	273.22	220.3	526.24	-633.49	7279.03	2380.03	658.44	95.00	0.33	-0.06	-0.33
	9719.00	91.08	276.11	220.3	533.88	-727.16	7277.79	2378.79	752.38	94.00	3.15	0.69	3.07
	9814.00	90.49	276.41	220.3	544.24	-821.59	7276.49	2377.49	847.19	95.00	0.70	-0.62	0.32
	9908.00	90.40	275.15	223.0	553.71	-915.11	7275.76	2376.76	941.06	94.00	1.34	-0.10	-1.34
	10002.00	90.34	273.32	223.0	560.65	-1008.84	7275.15	2376.15	1035.03	94.00	1.95	-0.06	-1.95
	10096.00	90.34	271.07	223.0	564.25	-1102.77	7274.60	2375.60	1129.01	94.00	2.39	0.00	-2.39
	10191.00	90.22	267.87	225.7	563.37	-1197.75	7274.13	2375.13	1223.84	95.00	3.37	-0.13	-3.37
	10285.00	90.28	266.10	225.7	558.43	-1291.61	7273.72	2374.72	1317.35	94.00	1.88	0.06	-1.88
	10380.00	90.31	263.65	225.7	549.94	-1386.23	7273.23	2374.23	1411.44	95.00	2.58	0.03	-2.58
	10474.00	90.25	261.78	225.7	538.02	-1479.46	7272.77	2373.77	1503.98	94.00	1.99	-0.06	-1.99
	10569.00	90.25	263.28	225.7	525.67	-1573.65	7272.36	2373.36	1597.45	95.00	1.58	-0.00	1.58
	10663.00	90.28	264.16	225.7	515.39	-1667.09	7271.92	2372.92	1690.27	94.00	0.94	0.03	0.94
	10758.00	90.12	265.96	225.7	507.21	-1761.73	7271.59	2372.59	1784.40	95.00	1.90	-0.17	1.89
	10853.00	90.12	266.36	228.4	500.85	-1856.51	7271.39	2372.39	1878.76	95.00	0.42	0.00	0.42
	10947.00	90.06	266.50	228.4	494.99	-1950.33	7271.25	2372.25	1972.18	94.00	0.16	-0.06	0.15
	11042.00	90.28	269.23	228.4	491.46	-2045.26	7270.96	2371.96	2066.82	95.00	2.88	0.23	2.87
	11137.00	90.37	273.79	228.4	493.96	-2140.20	7270.43	2371.43	2161.77	95.00	4.80	0.09	4.80
	11231.00	90.18	271.53	231.1	498.32	-2234.09	7269.97	2370.97	2255.76	94.00	2.41	-0.20	-2.40
	11326.00	90.15	272.26	231.1	501.46	-2329.04	7269.70	2370.70	2350.75	95.00	0.77	-0.03	0.77
	11515.00	90.40	272.51	233.8	509.33	-2517.87	7268.79	2369.79	2539.74	189.00	0.19	0.13	0.13
	11609.00	90.12	272.25	233.8	513.23	-2611.79	7268.37	2369.37	2633.74	94.00	0.41	-0.30	-0.28
	11704.00	90.46	271.51	233.8	516.35	-2706.73	7267.89	2368.89	2728.73	95.00	0.86	0.36	-0.78
	11798.00	90.52	271.99	236.5	519.22	-2800.69	7267.08	2368.08	2822.71	94.00	0.51	0.06	0.51
	11893.00	90.49	271.03	236.5	521.72	-2895.65	7266.24	2367.24	2917.68	95.00	1.01	-0.03	-1.01
	11988.00	90.25	272.00	239.2	524.23	-2990.61	7265.63	2366.63	3012.65	95.00	1.05	-0.25	1.02
	12082.00	90.25	270.35	239.2	526.16	-3084.59	7265.22	2366.22	3106.61	94.00	1.76	0.00	-1.76
	12176.00	90.12	268.15	239.2	524.93	-3178.57	7264.92	2365.92	3200.42	94.00	2.34	-0.14	-2.34
	12271.00	90.25	265.84	239.2	519.95	-3273.44	7264.61	2365.61	3294.93	95.00	2.44	0.14	-2.43
	12365.00	90.12	268.77	233.8	515.53	-3367.32	7264.31	2365.31	3388.49	94.00	3.12	-0.14	3.12
	12460.00	90.12	269.79	236.5	514.34	-3462.31	7264.11	2365.11	3483.30	95.00	1.07	-0.00	1.07

	12555.00	90.09	267.40	239.2	512.01	-3557.28	7263.93	2364.93	3578.04	95.00	2.52	-0.03	-2.52
	12650.00	89.88	267.14	241.9	507.48	-3652.17	7263.96	2364.96	3672.60	95.00	0.35	-0.22	-0.27
	12744.00	90.31	268.99	241.9	504.31	-3746.11	7263.80	2364.80	3766.27	94.00	2.02	0.46	1.97
	12838.00	90.06	269.77	244.6	503.29	-3840.10	7263.50	2364.50	3860.11	94.00	0.87	-0.27	0.83
	12933.00	90.15	271.53	244.6	504.37	-3935.09	7263.33	2364.33	3955.03	95.00	1.86	0.09	1.85
	13028.00	90.00	271.58	239.2	506.95	-4030.06	7263.20	2364.20	4050.01	95.00	0.17	-0.16	0.05
	13123.00	90.34	271.01	239.2	509.09	-4125.03	7262.92	2363.92	4144.98	95.00	0.70	0.36	-0.60
	13218.00	90.25	269.49	244.6	509.51	-4220.03	7262.43	2363.43	4239.88	95.00	1.60	-0.09	-1.60
	13312.00	89.94	269.36	244.6	508.57	-4314.02	7262.27	2363.27	4333.72	94.00	0.36	-0.33	-0.14
	13407.00	90.34	268.76	244.6	507.01	-4409.01	7262.04	2363.04	4428.51	95.00	0.76	0.42	-0.63
	13502.00	90.03	269.09	244.6	505.22	-4503.99	7261.74	2362.74	4523.30	95.00	0.48	-0.33	0.35
	13596.00	90.49	267.91	247.3	502.76	-4597.96	7261.31	2362.31	4617.03	94.00	1.35	0.49	-1.26
	13691.00	89.75	268.02	250.0	499.39	-4692.90	7261.11	2362.11	4711.69	95.00	0.79	-0.78	0.12
	13786.00	90.62	267.57	250.0	495.74	-4787.83	7260.80	2361.80	4806.33	95.00	1.03	0.92	-0.47
	13880.00	89.85	269.77	244.6	493.55	-4881.79	7260.42	2361.42	4900.07	94.00	2.48	-0.82	2.34
	13974.00	89.82	270.19	247.3	493.52	-4975.79	7260.69	2361.69	4993.96	94.00	0.45	-0.03	0.45
	14068.00	89.69	271.66	247.3	495.04	-5069.78	7261.09	2362.09	5087.91	94.00	1.57	-0.14	1.56
	14162.00	89.05	272.11	250.0	498.13	-5163.72	7262.12	2363.12	5181.89	94.00	0.83	-0.68	0.48
	14257.00	89.45	272.51	250.0	501.96	-5258.63	7263.37	2364.37	5276.88	95.00	0.60	0.42	0.42
	14351.00	89.14	272.58	250.0	506.13	-5352.53	7264.52	2365.52	5370.87	94.00	0.34	-0.33	0.07
	14446.00	89.20	272.96	250.0	510.72	-5447.41	7265.90	2366.90	5465.86	95.00	0.40	0.06	0.40
	14541.00	89.35	272.52	250.0	515.26	-5542.30	7267.10	2368.10	5560.85	95.00	0.49	0.16	-0.46
	14636.00	88.98	269.49	250.0	516.93	-5637.26	7268.49	2369.49	5655.78	95.00	3.21	-0.39	-3.19
	14730.00	89.32	269.55	250.0	516.14	-5731.25	7269.88	2370.88	5749.62	94.00	0.37	0.36	0.06
	14825.00	89.42	268.88	250.0	514.84	-5826.23	7270.93	2371.93	5844.42	95.00	0.71	0.11	-0.71
	14920.00	89.51	268.15	252.7	512.38	-5921.19	7271.81	2372.81	5939.15	95.00	0.77	0.09	-0.77
	15014.00	90.62	267.63	252.7	508.92	-6015.13	7271.71	2372.71	6032.81	94.00	1.30	1.18	-0.55
	15108.00	89.35	269.22	252.7	506.34	-6109.09	7271.73	2372.73	6126.53	94.00	2.16	-1.35	1.69
	15203.00	89.57	268.67	252.7	504.59	-6204.07	7272.63	2373.63	6221.31	95.00	0.62	0.23	-0.58
	15297.00	89.48	267.26	255.4	501.25	-6298.00	7273.41	2374.41	6314.97	94.00	1.50	-0.10	-1.50
	15392.00	89.35	266.16	252.7	495.80	-6392.84	7274.38	2375.38	6409.43	95.00	1.17	-0.14	-1.16
	15487.00	89.38	264.42	255.4	488.00	-6487.51	7275.43	2376.43	6503.60	95.00	1.83	0.03	-1.83
	15581.00	89.42	264.49	255.4	478.91	-6581.06	7276.41	2377.41	6596.60	94.00	0.09	0.04	0.07
	15676.00	89.82	265.86	255.4	470.92	-6675.72	7277.04	2378.04	6690.76	95.00	1.50	0.42	1.44
	15770.00	89.29	265.56	258.1	463.89	-6769.46	7277.77	2378.77	6784.04	94.00	0.65	-0.56	-0.32
	15865.00	90.18	265.53	255.4	456.51	-6864.17	7278.21	2379.21	6878.27	95.00	0.94	0.94	-0.03
	15960.00	89.82	265.96	255.4	449.47	-6958.91	7278.21	2379.21	6972.55	95.00	0.59	-0.38	0.45
	16055.00	90.12	267.93	255.4	444.40	-7053.77	7278.26	2379.26	7067.05	95.00	2.10	0.32	2.07
	16150.00	89.91	272.19	258.1	444.50	-7148.74	7278.24	2379.24	7161.92	95.00	4.49	-0.22	4.48
	16244.00	89.91	272.34	258.1	448.22	-7242.67	7278.38	2379.38	7255.92	94.00	0.16	0.00	0.16
	16339.00	89.78	271.23	260.8	451.18	-7337.62	7278.64	2379.64	7350.90	95.00	1.18	-0.14	-1.17
	16434.00	89.72	271.07	260.8	453.08	-7432.60	7279.06	2380.06	7445.86	95.00	0.18	-0.06	-0.17
	16528.00	90.34	271.65	260.8	455.31	-7526.57	7279.01	2380.01	7539.83	94.00	0.90	0.66	0.62
	16623.00	89.88	276.33	258.1	461.92	-7621.32	7278.82	2379.82	7634.78	95.00	4.95	-0.48	4.93
	16718.00	90.12	275.31	260.8	471.56	-7715.83	7278.82	2379.82	7729.65	95.00	1.10	0.25	-1.07
	16813.00	89.85	273.22	260.8	478.62	-7810.56	7278.85	2379.85	7824.61	95.00	2.22	-0.28	-2.20
	16906.00	90.00	272.62	260.8	483.36	-7903.44	7278.97	2379.97	7917.61	93.00	0.67	0.16	-0.65
	17001.00	89.72	271.40	260.8	486.69	-7998.38	7279.20	2380.20	8012.60	95.00	1.32	-0.29	-1.28
	17095.00	90.09	269.80	263.5	487.67	-8092.37	7279.36	2380.36	8106.53	94.00	1.75	0.39	-1.70
	17189.00	90.00	267.64	263.5	485.57	-8186.34	7279.29	2380.29	8200.29	94.00	2.30	-0.10	-2.30
	17283.00	89.85	267.83	266.2	481.86	-8280.26	7279.41	2380.41	8293.92	94.00	0.26	-0.16	0.20
	17377.00	89.85	267.84	266.2	478.31	-8374.20	7279.65	2380.65	8387.57	94.00	0.01	0.00	0.01
	17472.00	89.94	269.09	266.2	475.76	-8469.16	7279.83	2380.83	8482.29	95.00	1.32	0.09	1.32
	17566.00	89.94	268.89	266.2	474.11	-8563.15	7279.93	2380.93	8576.08	94.00	0.21	-0.00	-0.21
	17660.00	89.94	268.94	266.2	472.33	-8657.13	7280.03	2381.03	8669.87	94.00	0.05	-0.00	0.05
	17755.00	89.85	268.51	266.2	470.21	-8752.11	7280.20	2381.20	8764.63	95.00	0.46	-0.09	-0.45
	17849.00	89.85	266.79	269.0	466.36	-8846.02	7280.45	2381.45	8858.24	94.00	1.83	0.00	-1.83
	17944.00	89.78	265.74	266.2	460.17	-8940.82	7280.75	2381.75	8952.62	95.00	1.11	-0.07	-1.11
	18038.00	89.94	265.97	266.2	453.38	-9034.57	7280.98	2381.98	9045.93	94.00	0.30	0.17	0.24
	18132.00	90.09	265.47	269.0	446.36	-9128.31	7280.96	2381.96	9139.22	94.00	0.56	0.16	-0.53
	18199.00	90.00	268.18	266.2	442.65	-9195.20	7280.90	2381.90	9205.85	67.00	4.05	-0.13	4.04
Projection	18224.00	90.00	268.18	N/A	441.86	-9220.19	7280.90	2381.90	9230.77	25.00	0.00	0.00	0.01