

Ahmad Ihmeidan	2021-09-11	2021-09-13	Tien Bui	2021-09-11	2021-09-13	Tucker Landry	2021-09-11	2021-09-13
Adam Schlenz	2021-09-12	2021-09-13						

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+ (%)
2021-09-10 17:39	1	1962.00	Oil Based Mud	9.3	10	N/A	18.0	79.5/20.5	Active Pit	25000	0.00
2021-09-13 23:26	1	12209.00	Oil Based Mud	10.1	16	N/A	17.6	68/17.5	Active Pit	29923	0.00
2021-09-13 23:27	1	14701.00	Oil Based Mud	10.1	15	N/A	17.6	68/17.5	Active Pit	29923	0.00
2021-09-13 23:29	1	17045.00	Oil Based Mud	10.2	16	N/A	19.6	68/16.5	Active Pit	28475	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	15208060	Near Bit VSS	5.93	6.77	7.000	4.330
1	AutoTrak Curve Steering Unit	15208060	Near Bit Inclination	5.93	6.77	7.000	4.330
1	AutoTrak Curve MWD	14219765	Gamma (single)	2.77	12.94	7.000	3.250
1	AutoTrak Curve MWD	14219765	Directional (mag)	12.27	22.44	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

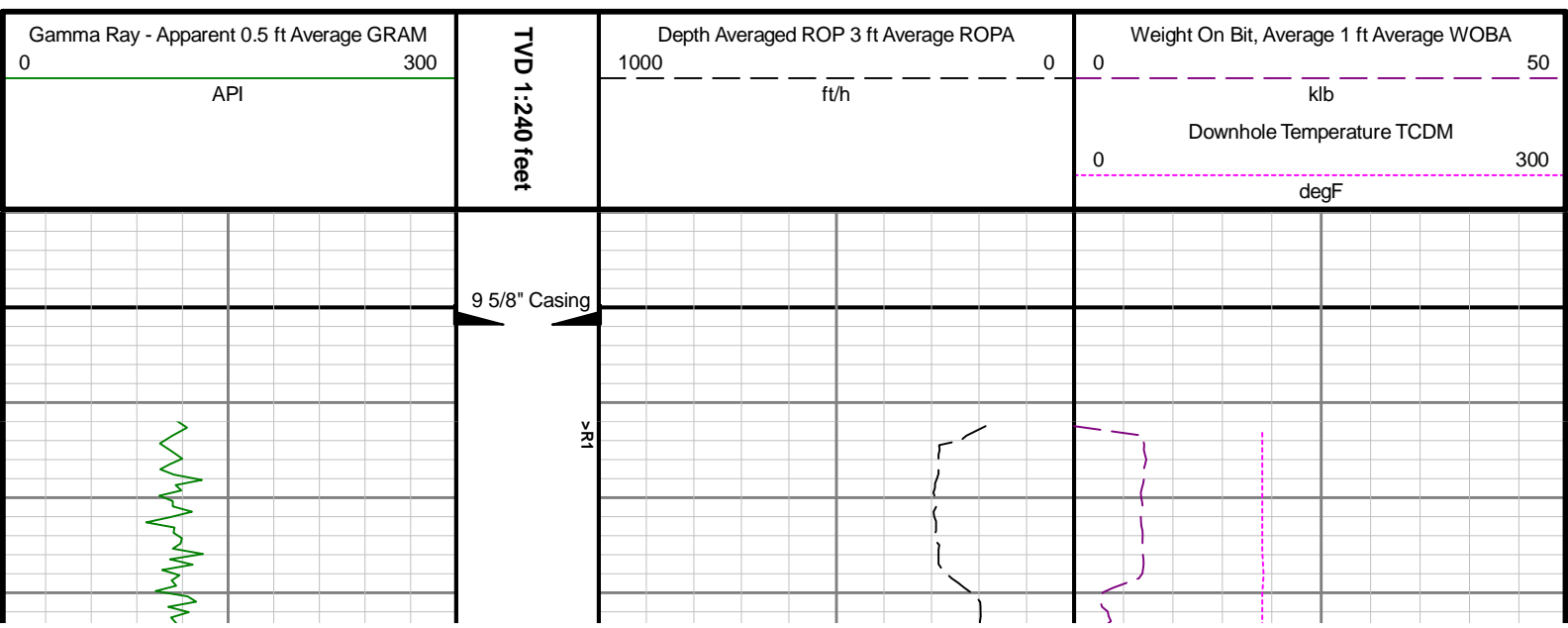
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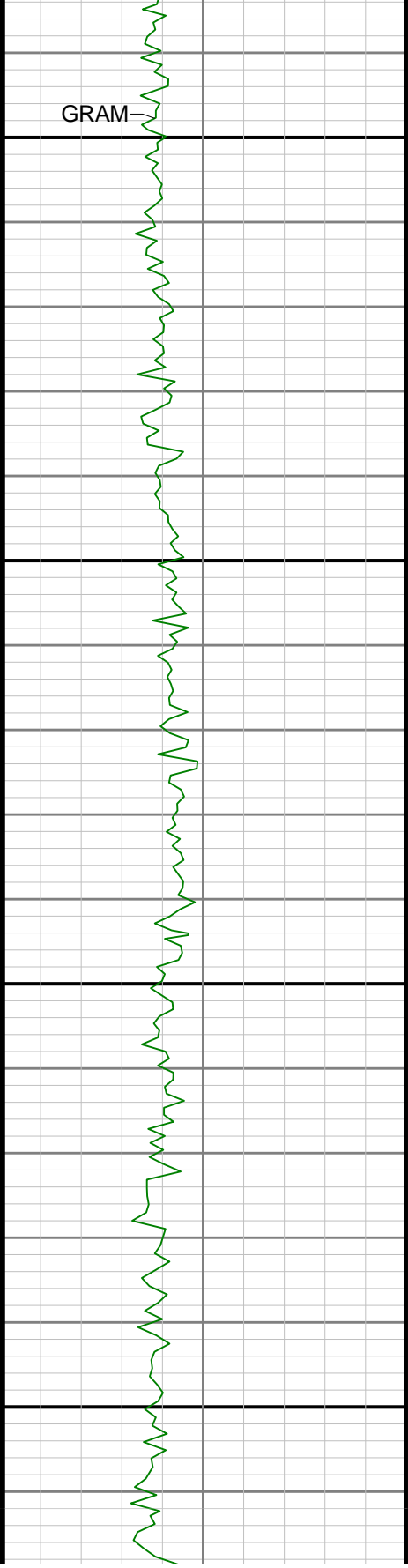
Baker Hughes Company run 1 utilized 6 ¾ inch NaviGamma services (Gamma Ray and Directional) behind an 8 ½ inch PDC bit and rotary steerable assembly from 1962 to 17045 feet MD (1961 to 6876 feet TVD).
- 2

Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to a lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified and the unverified depths as supplied to Baker Hughes are being used to present logging data.

Remarks

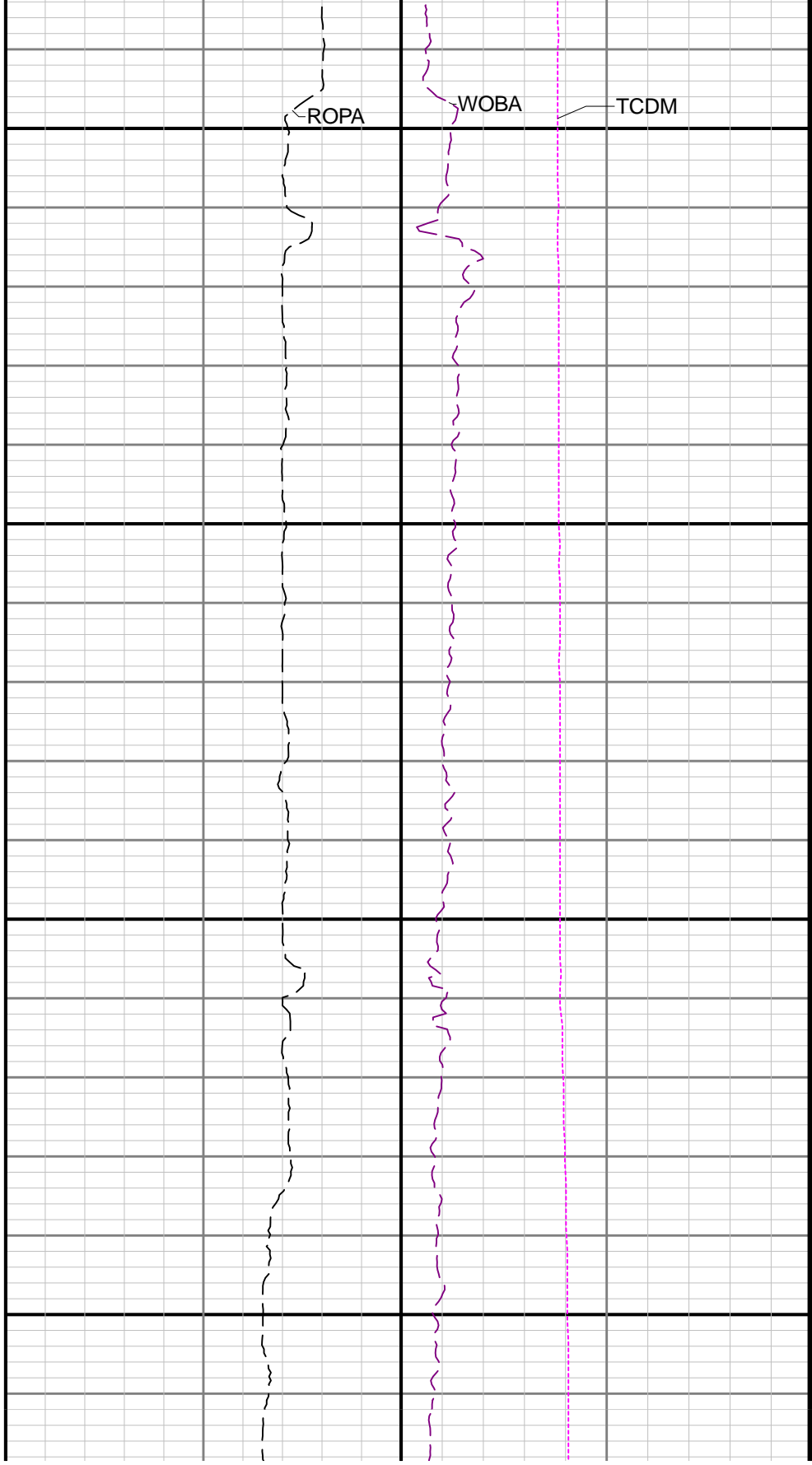
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
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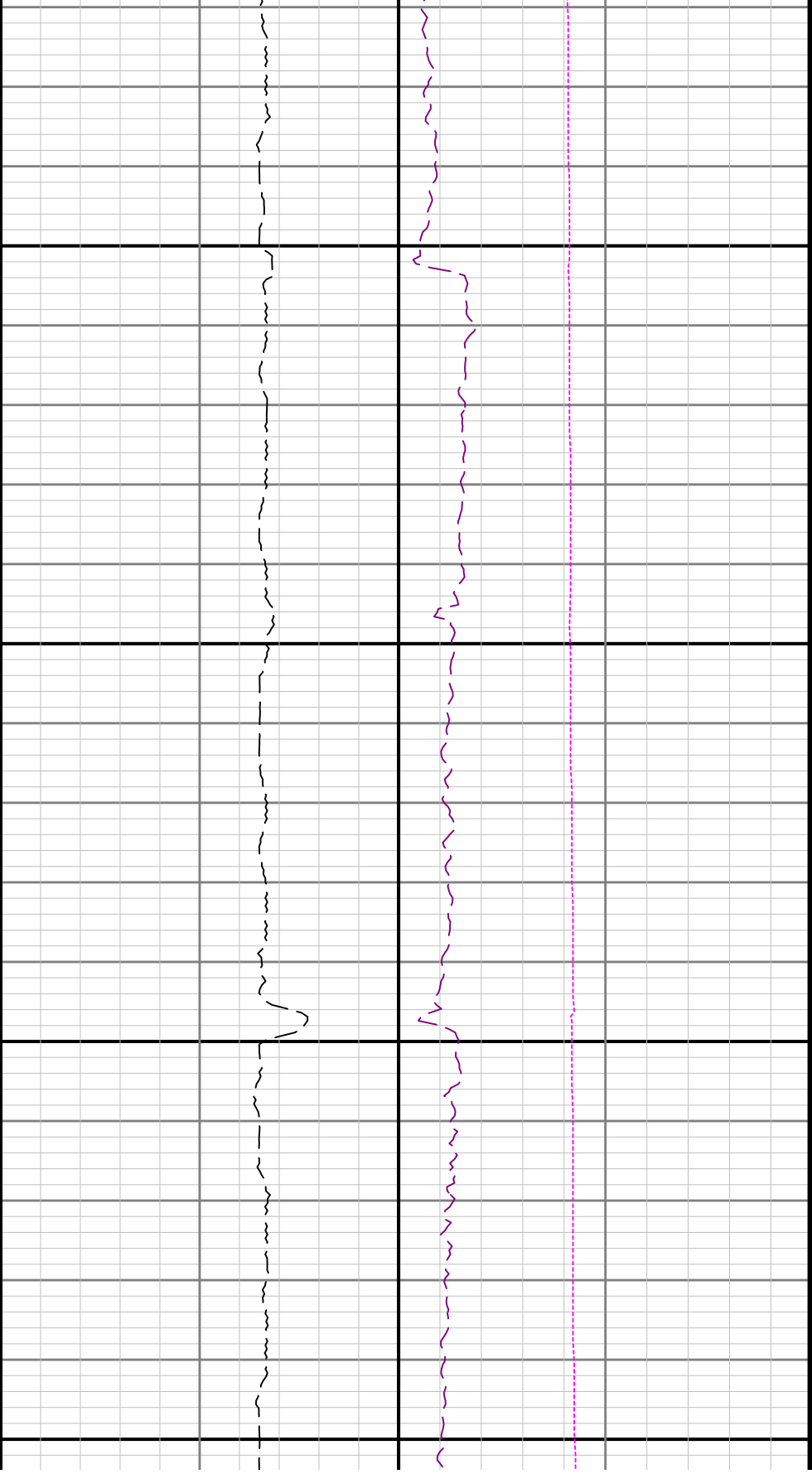




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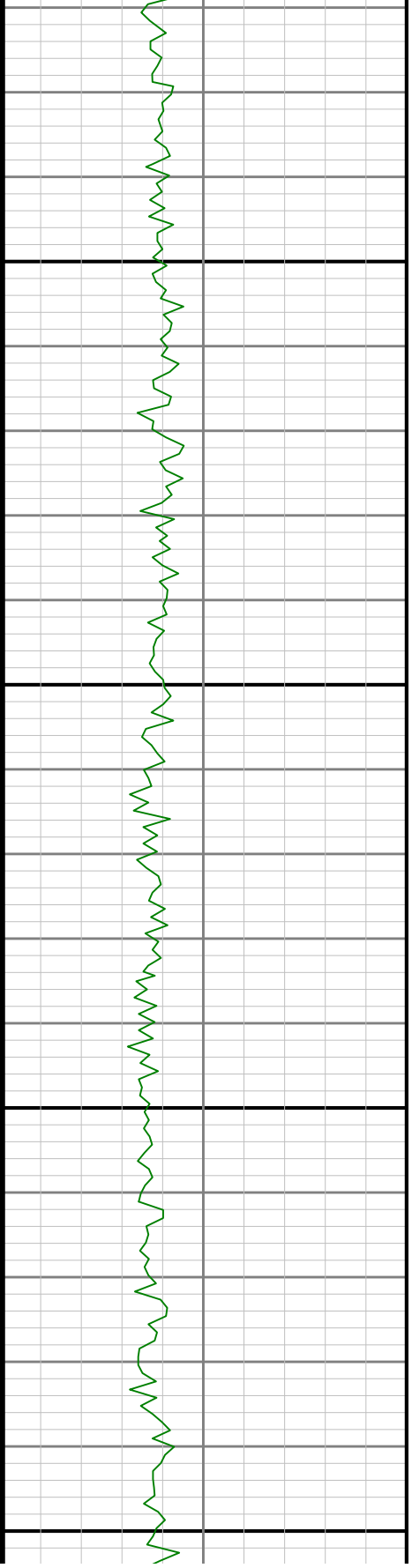
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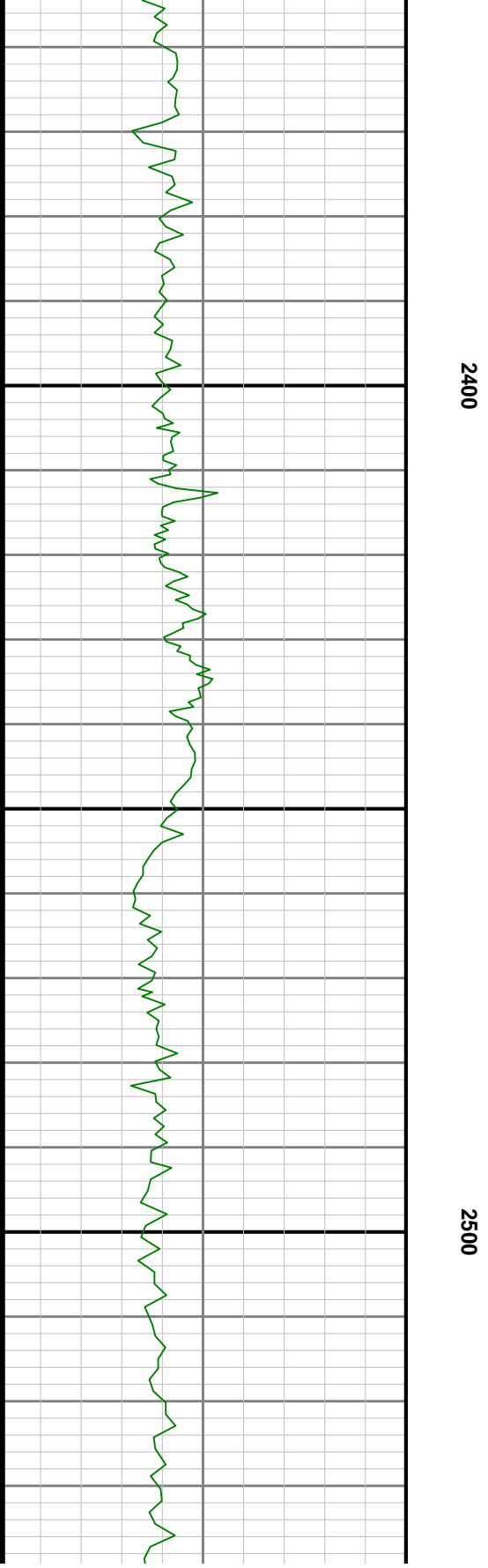
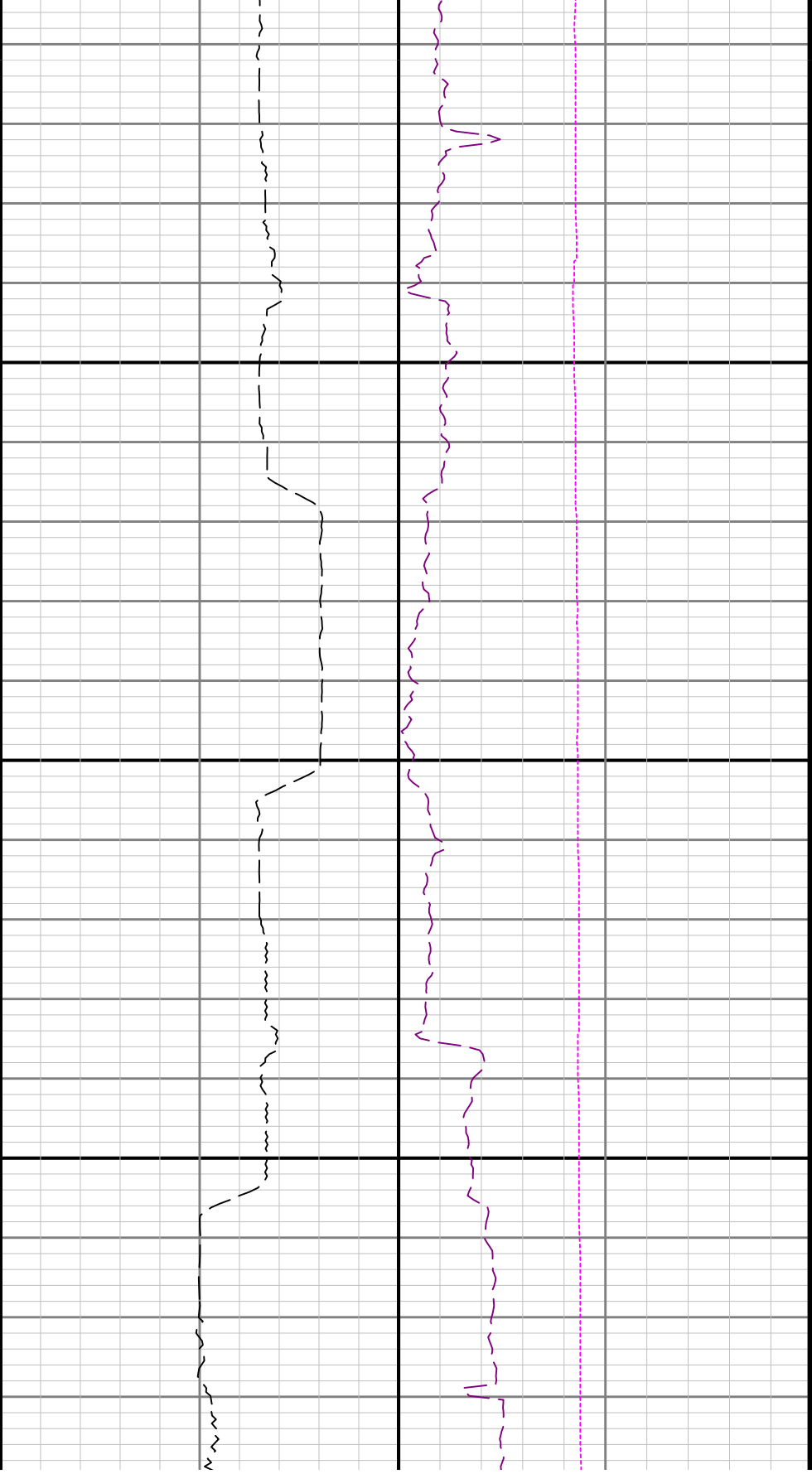


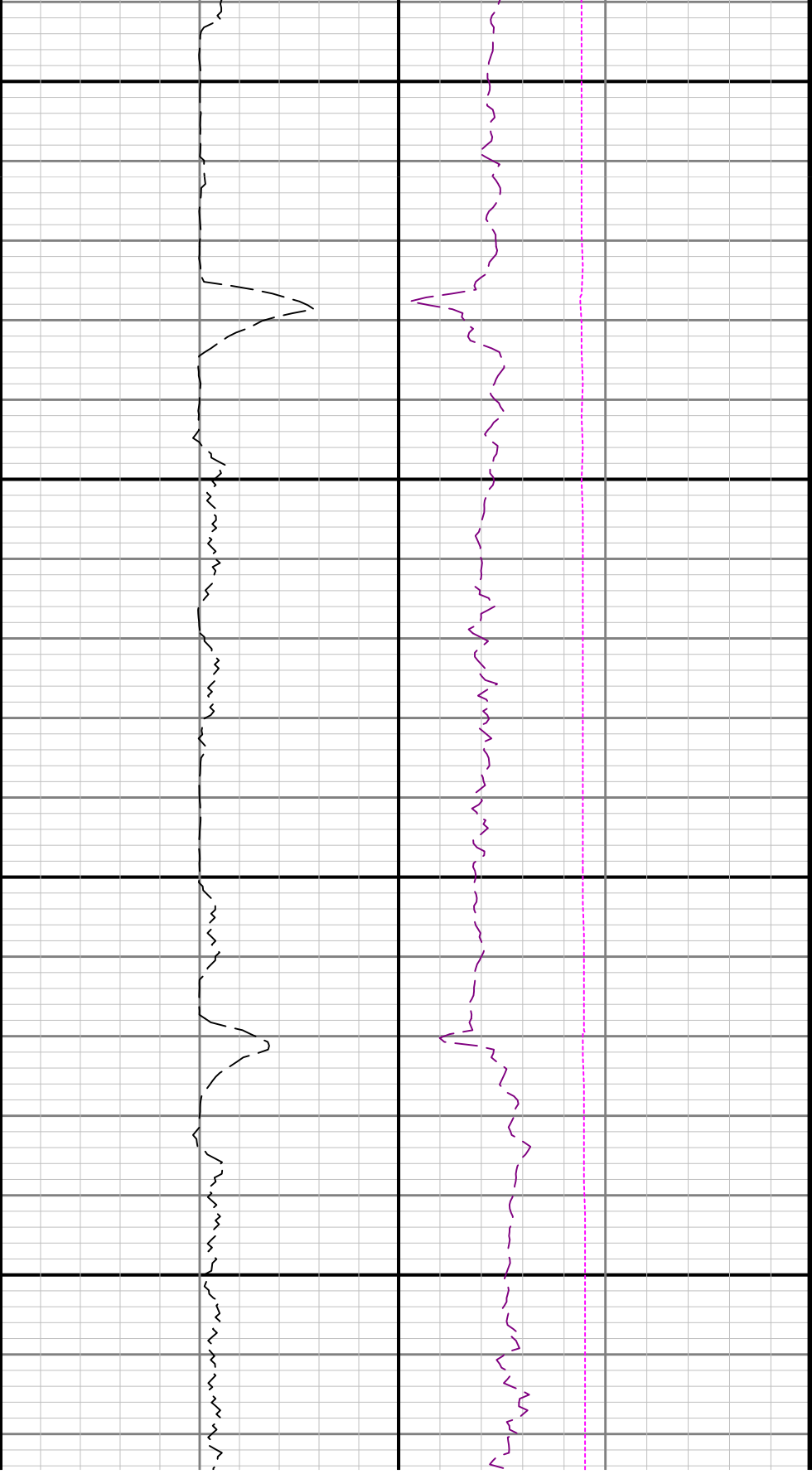


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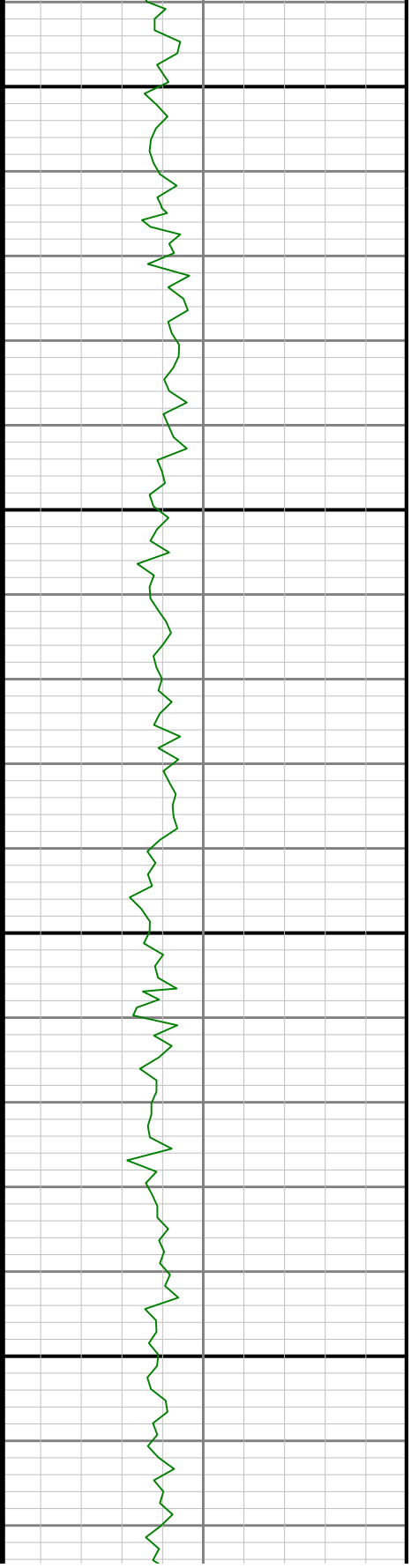


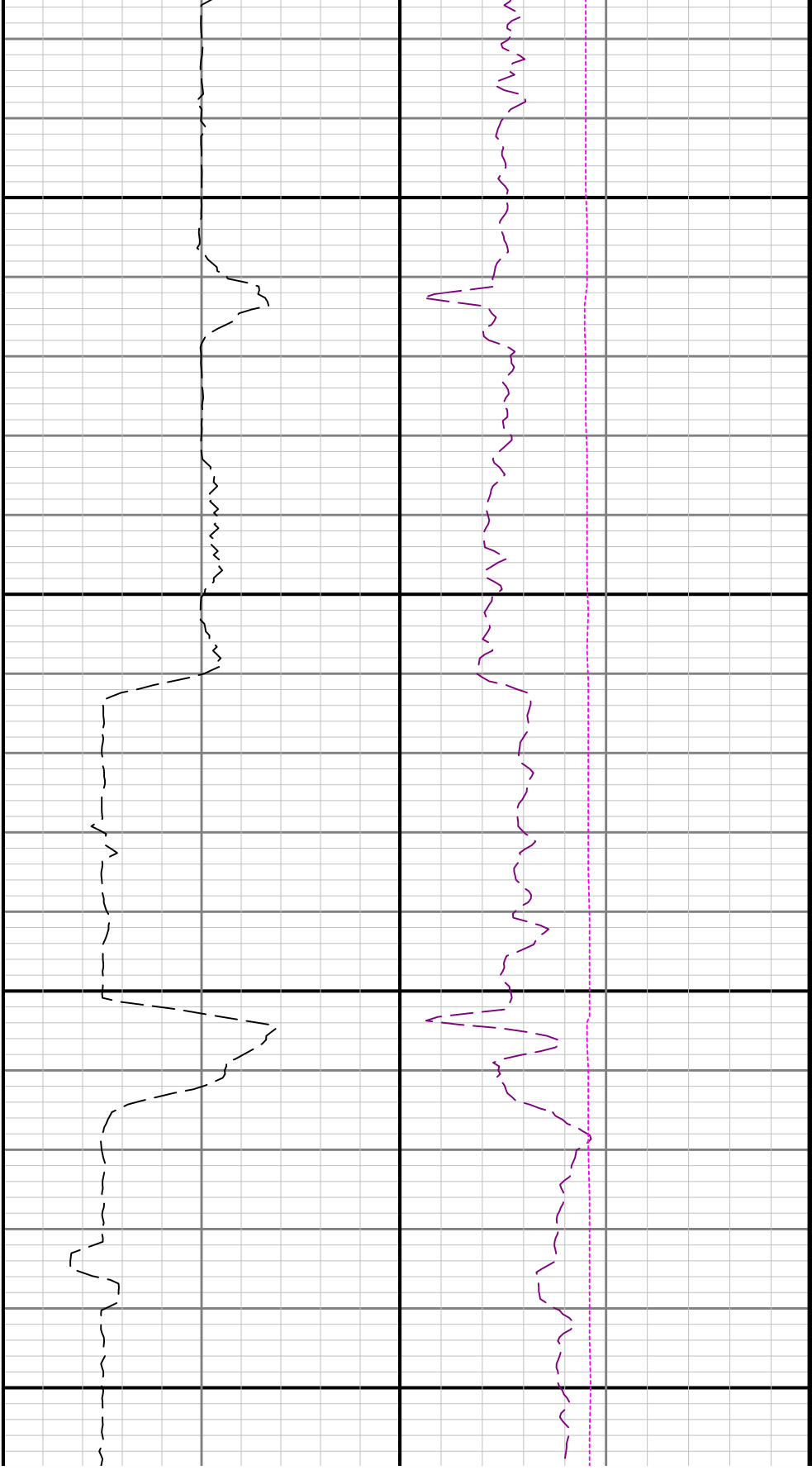




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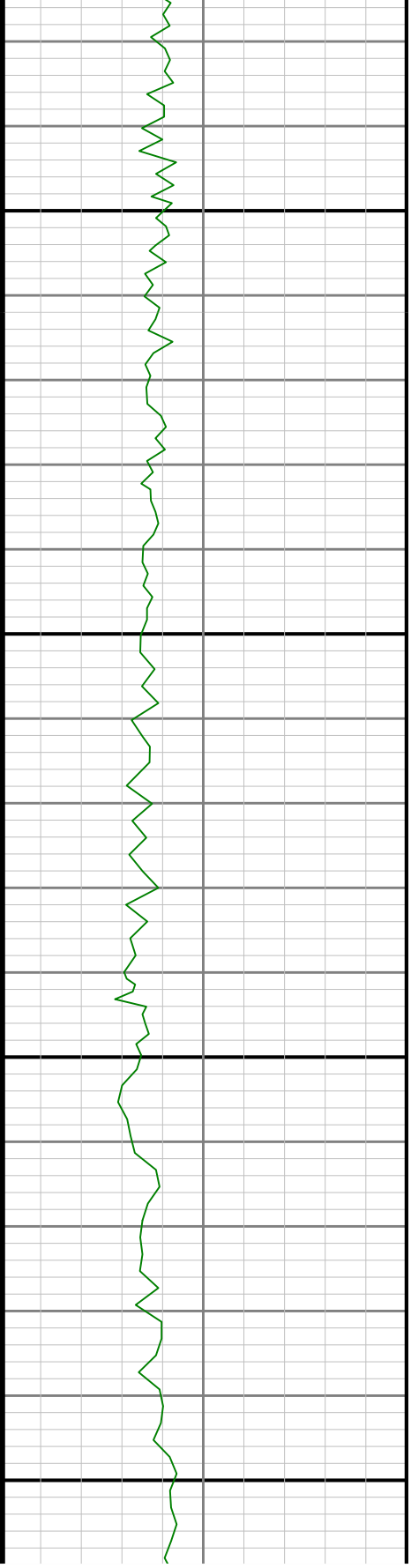
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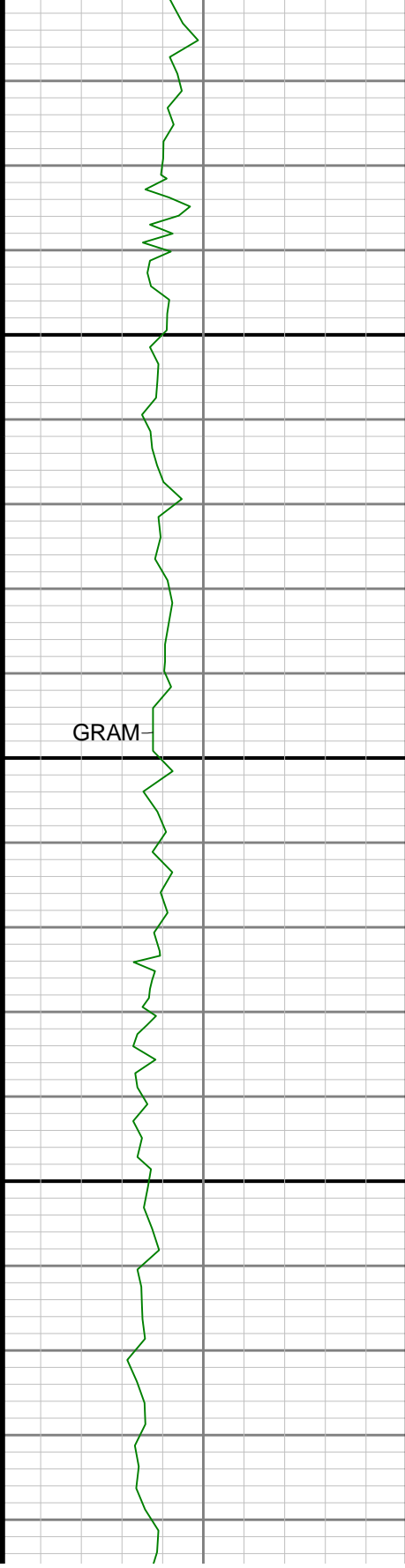




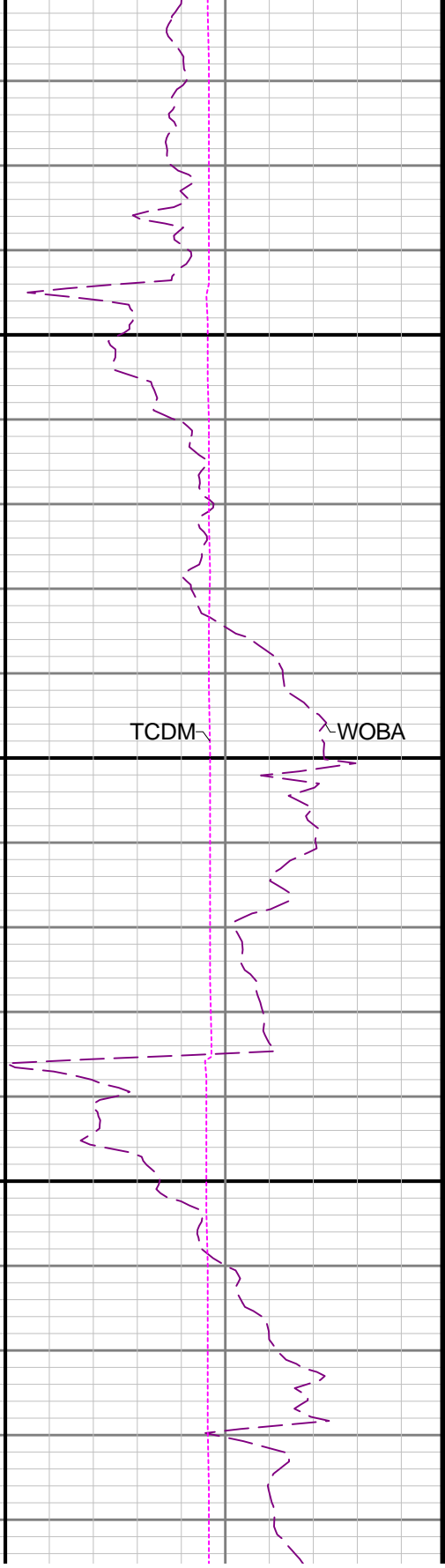
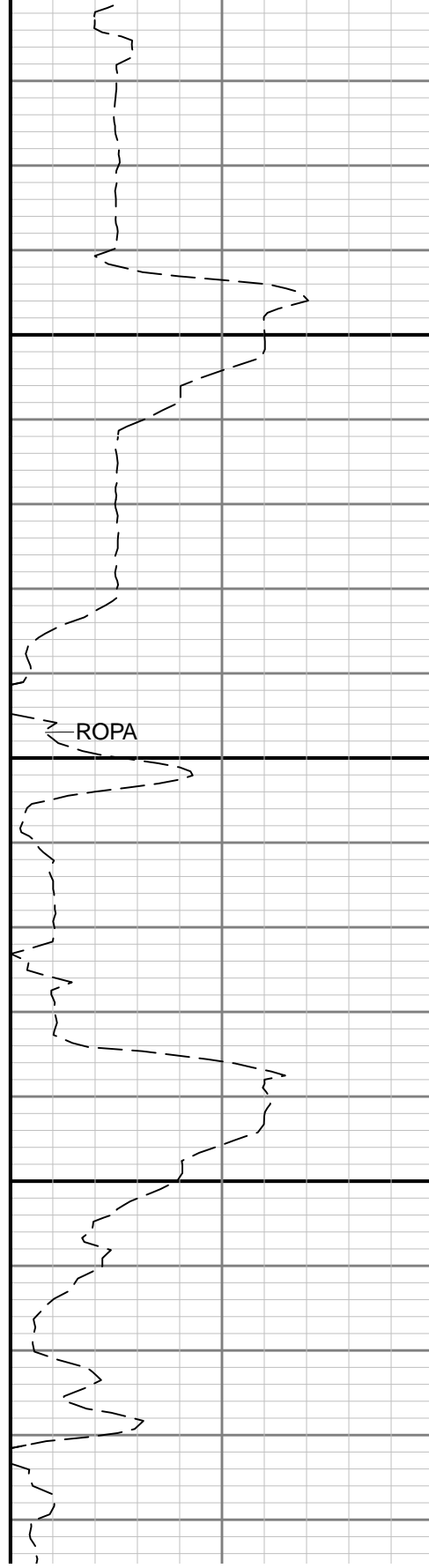
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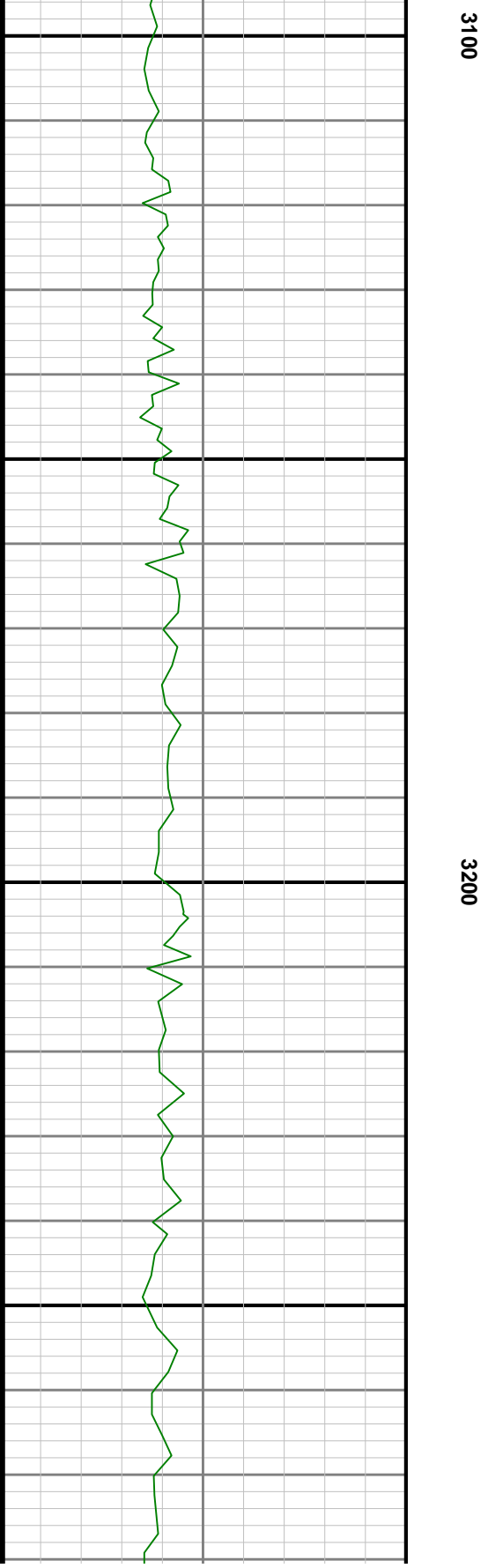
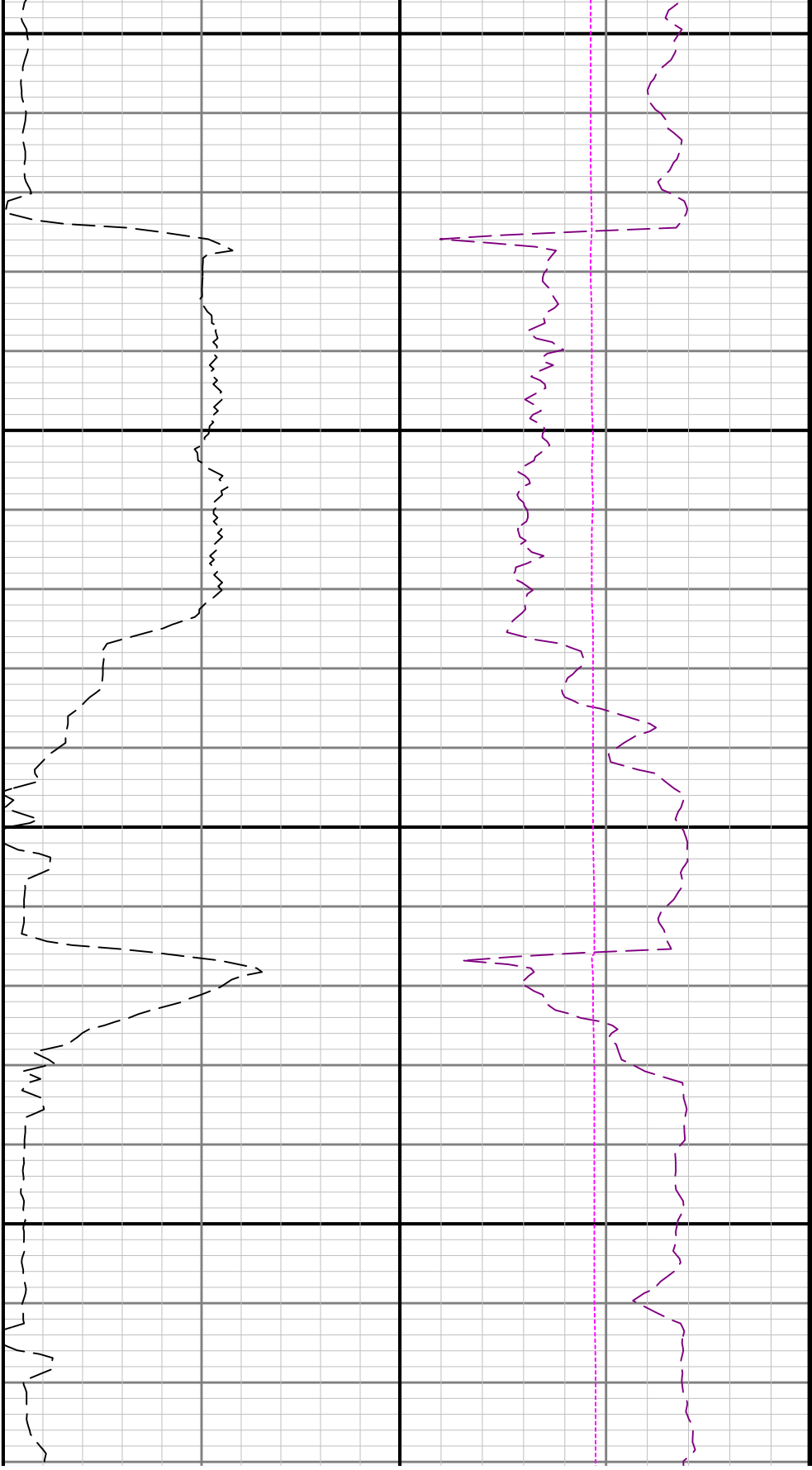
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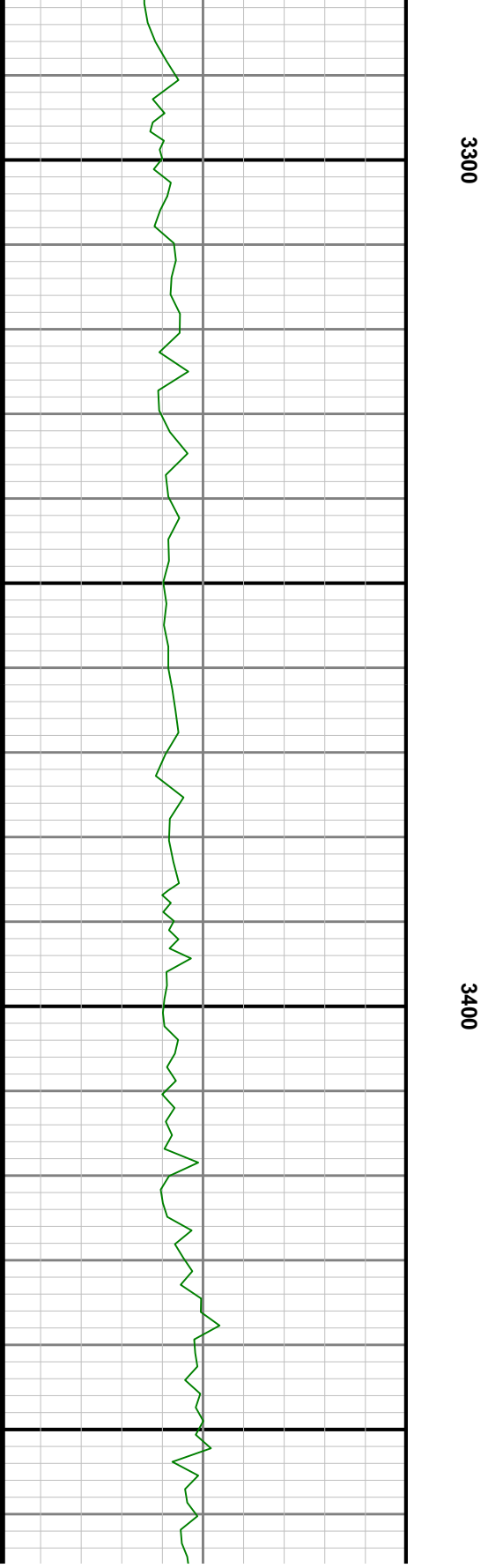
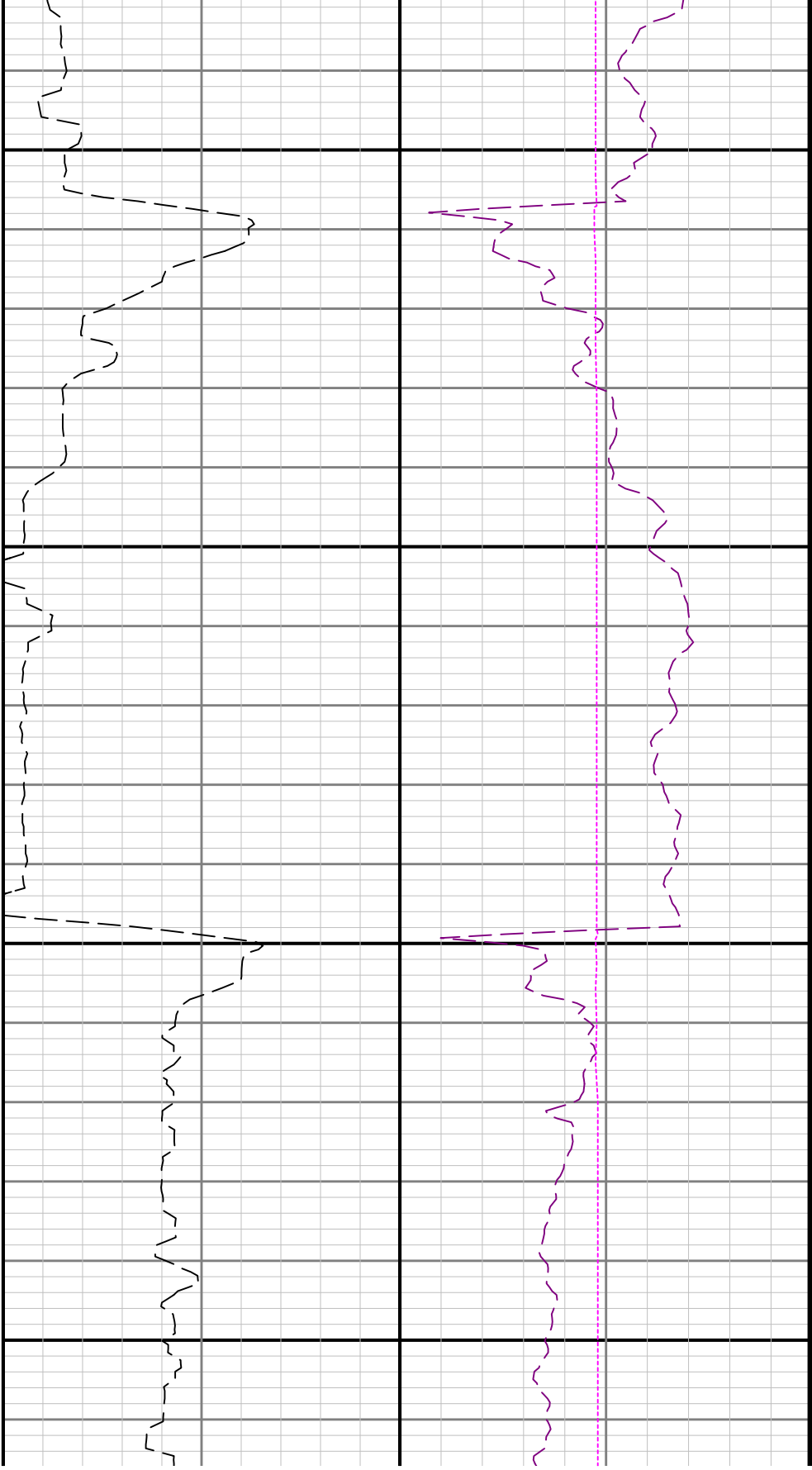


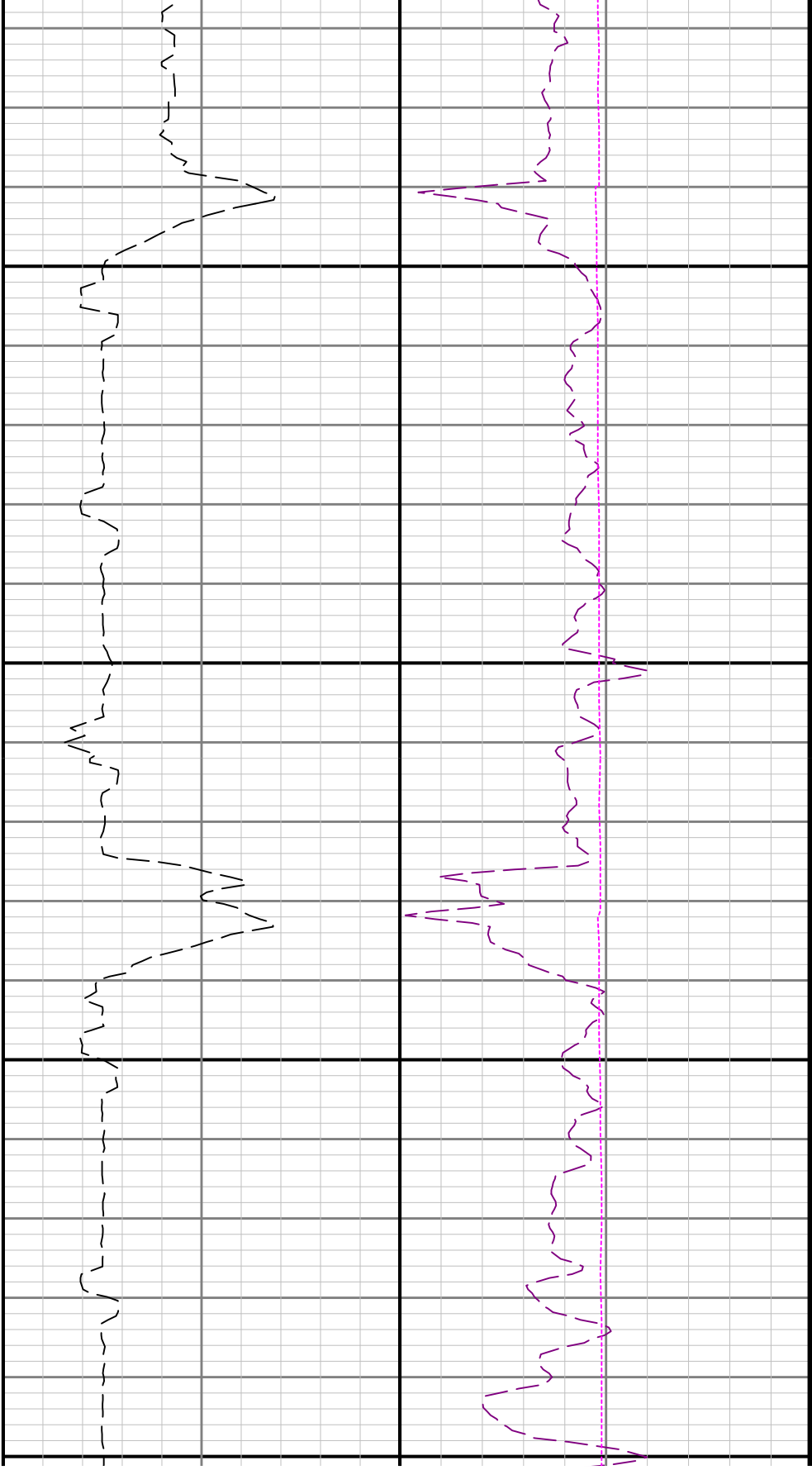


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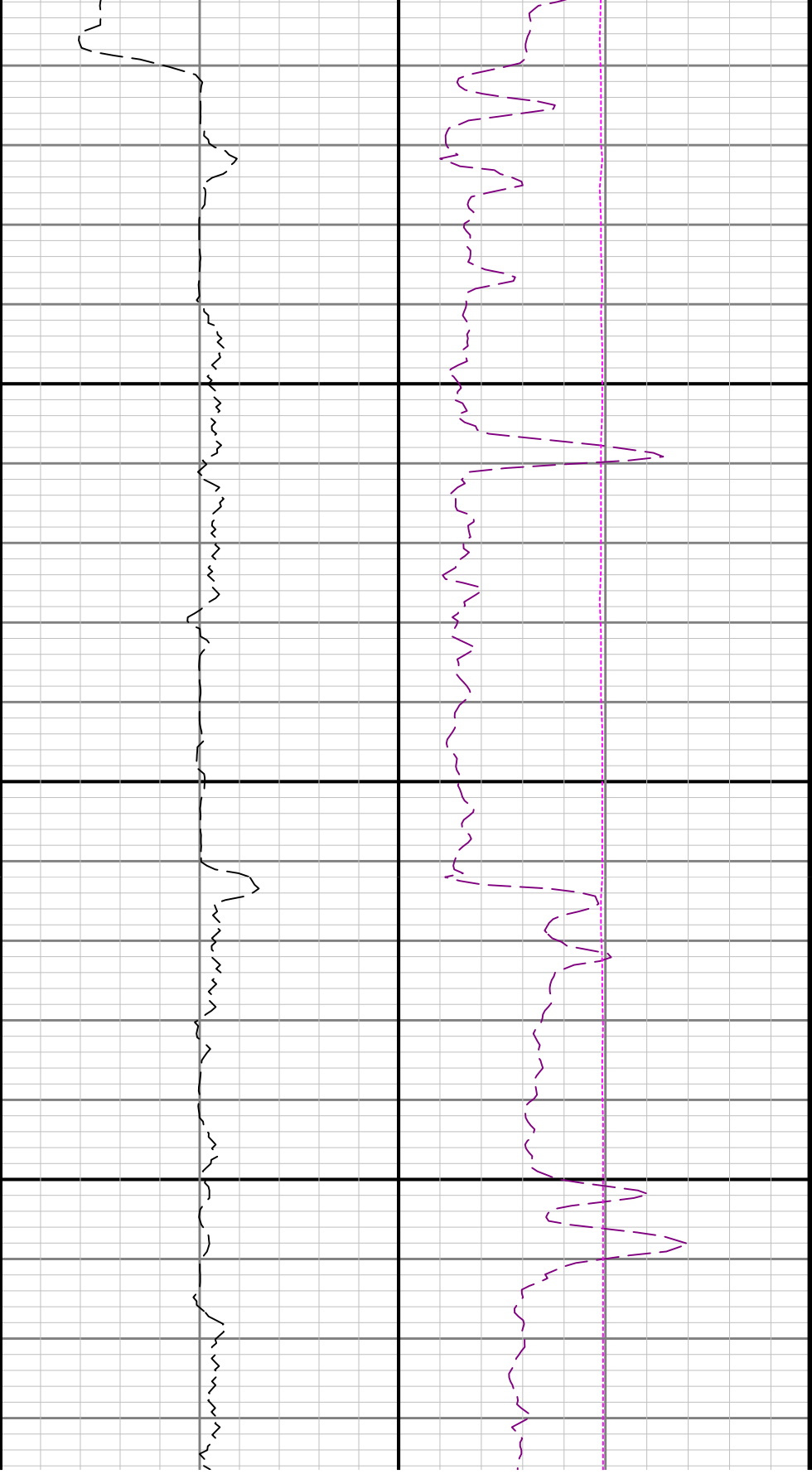




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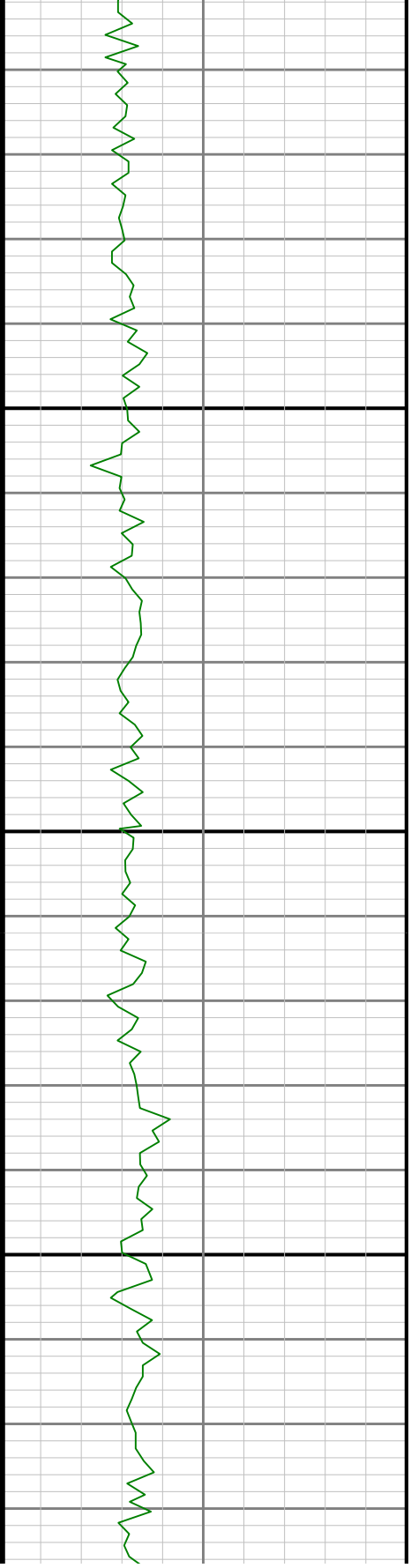
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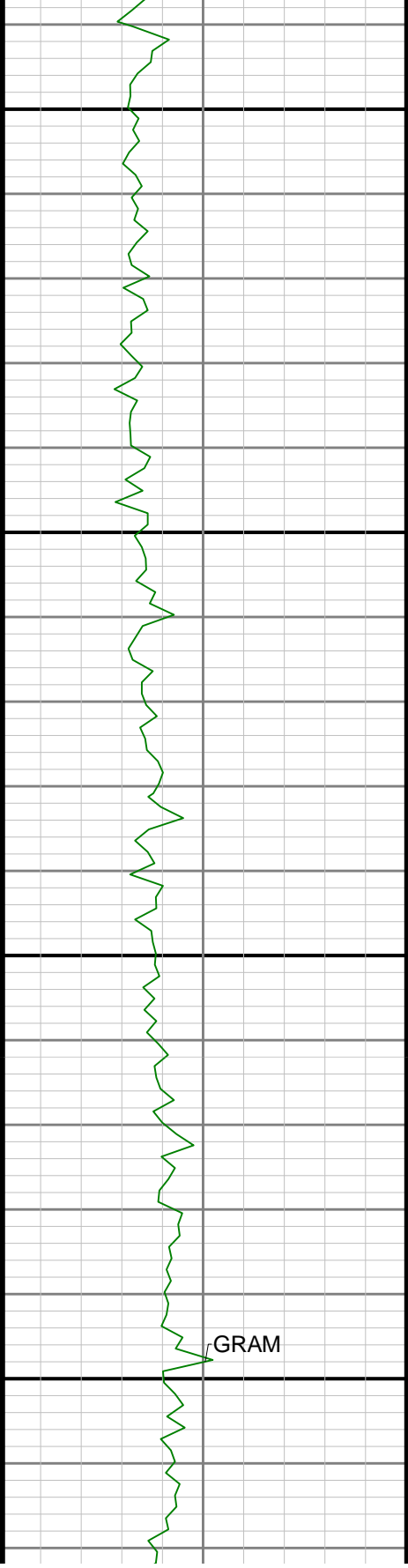




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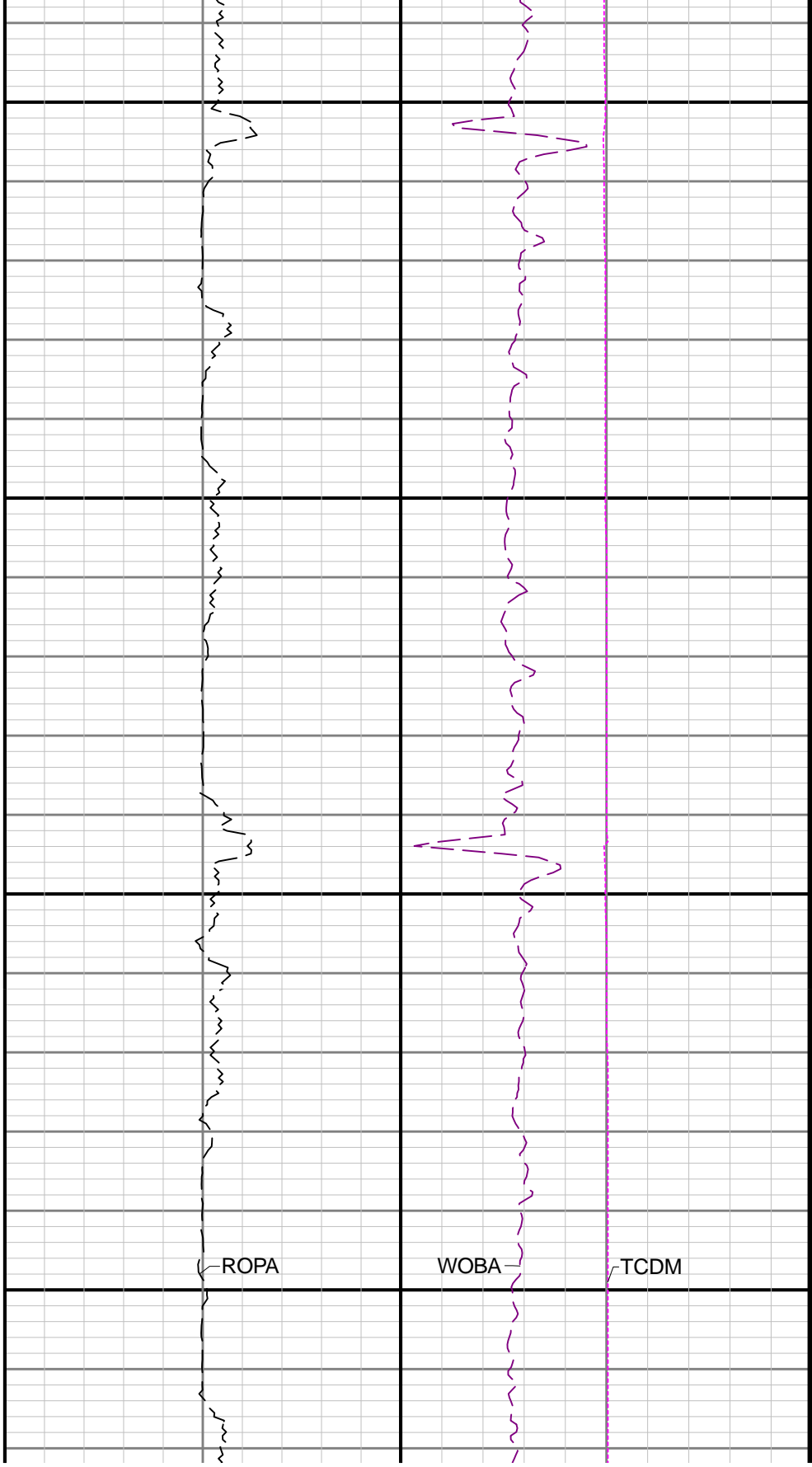
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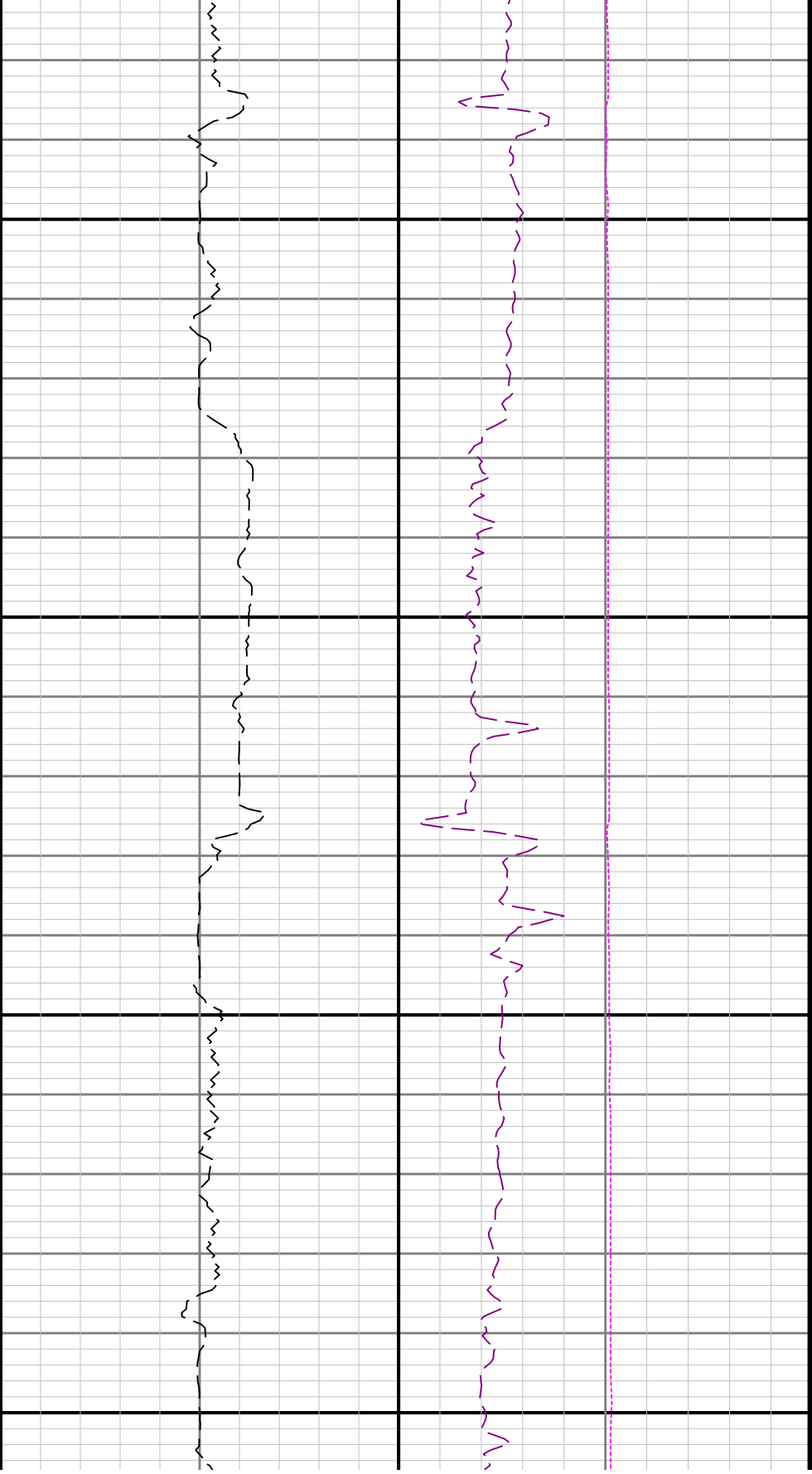




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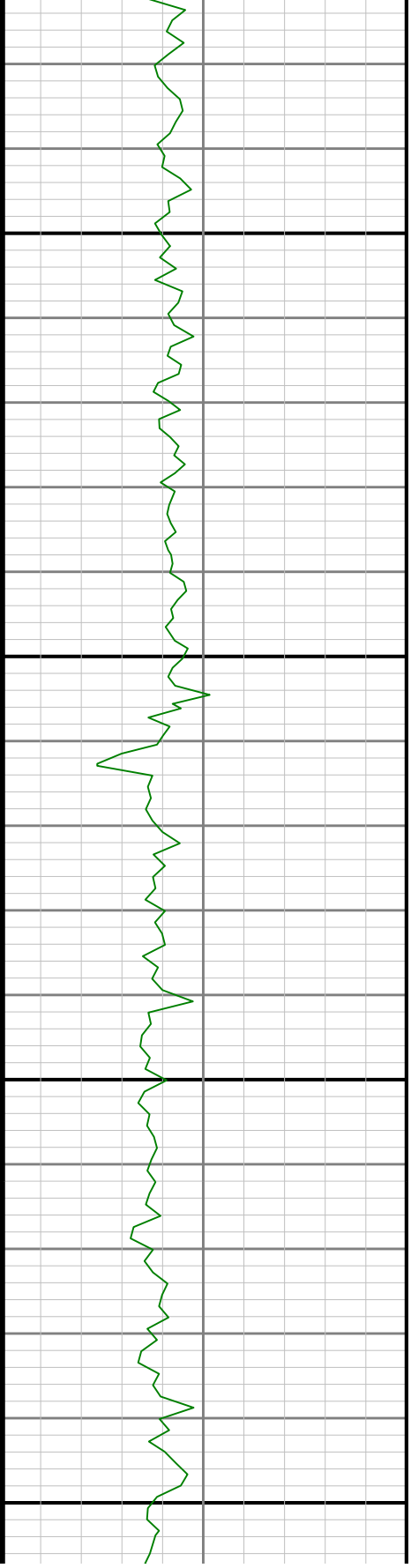
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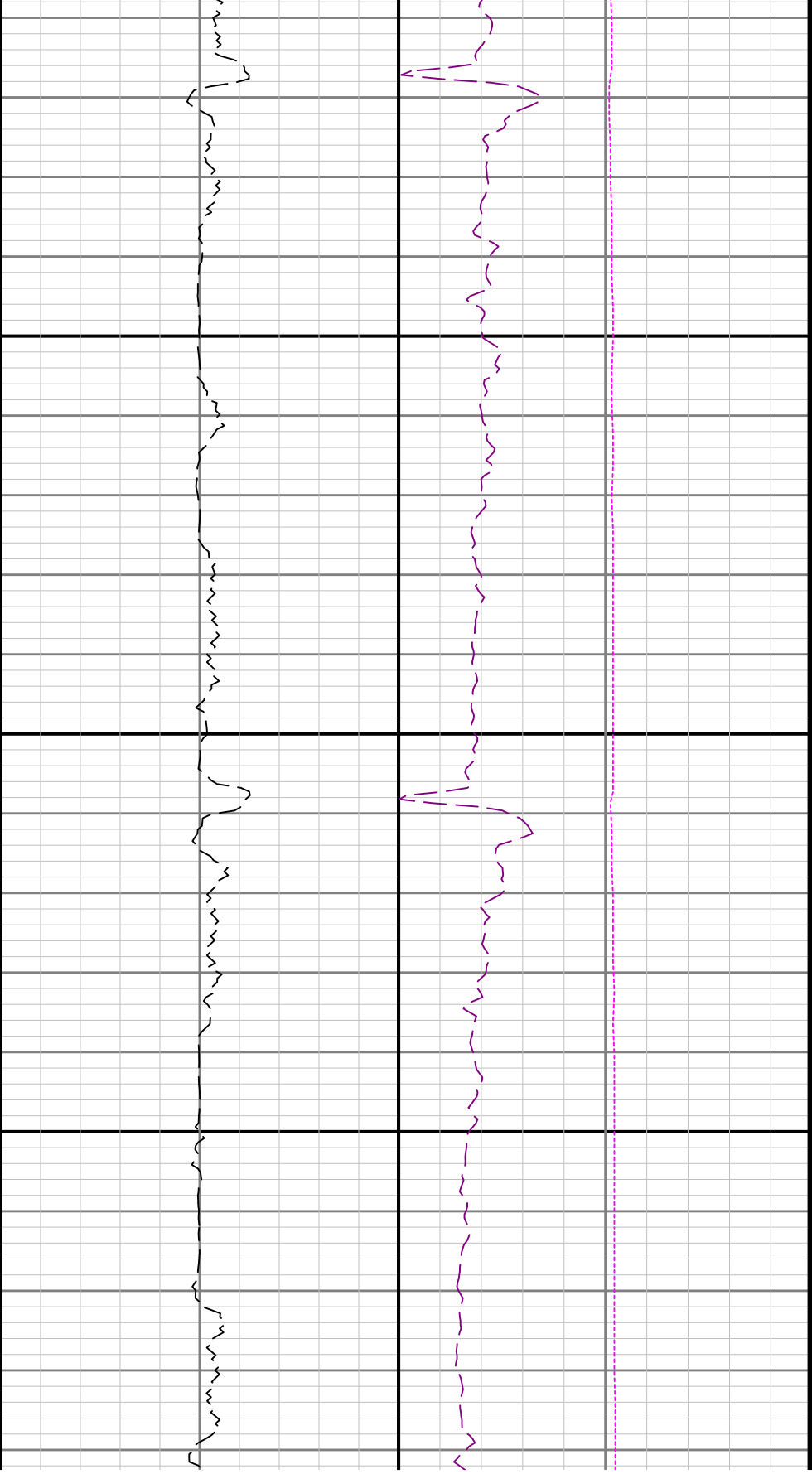




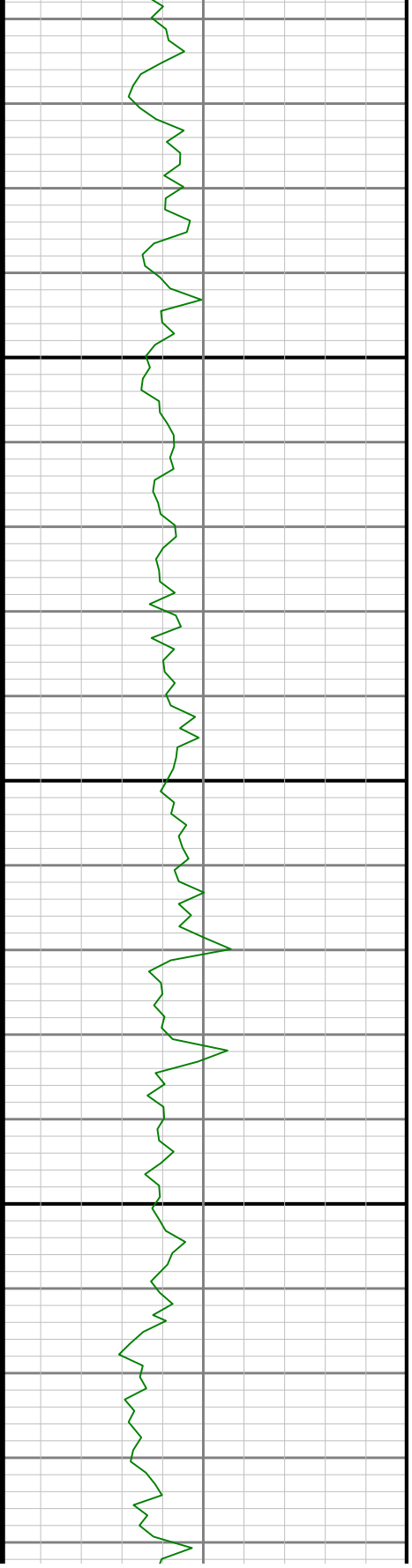
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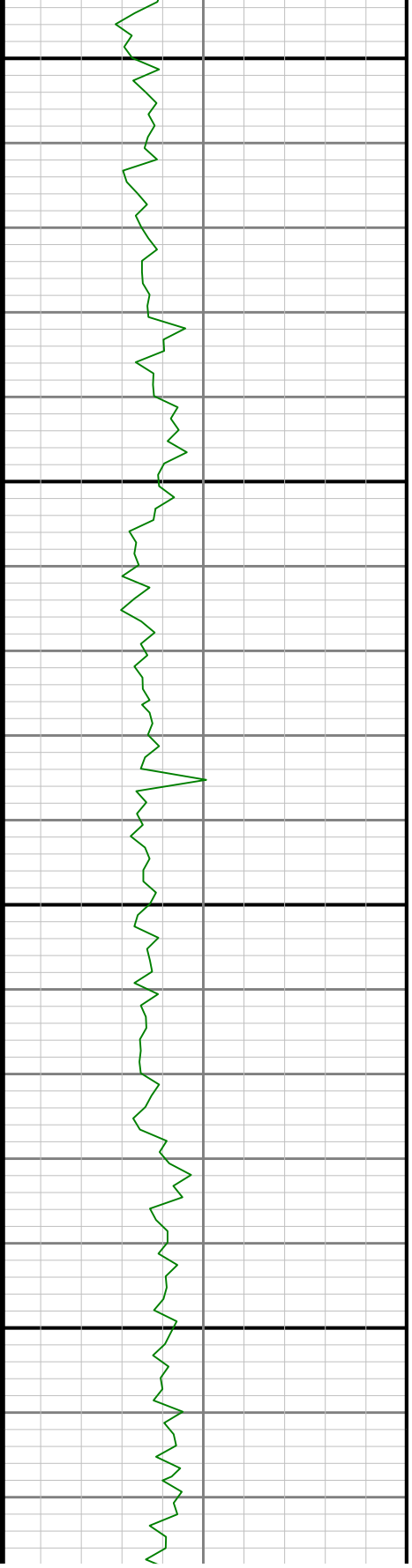
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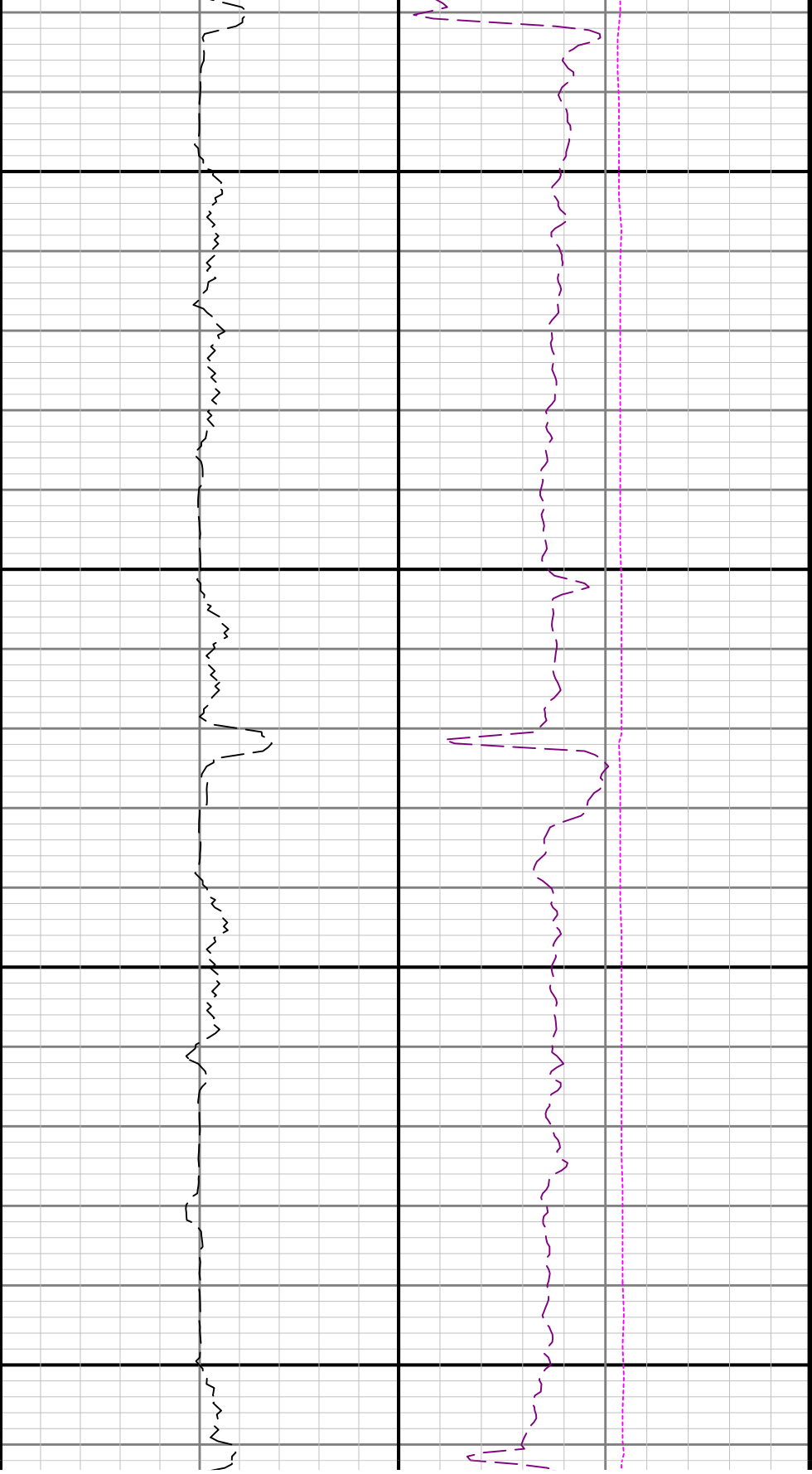




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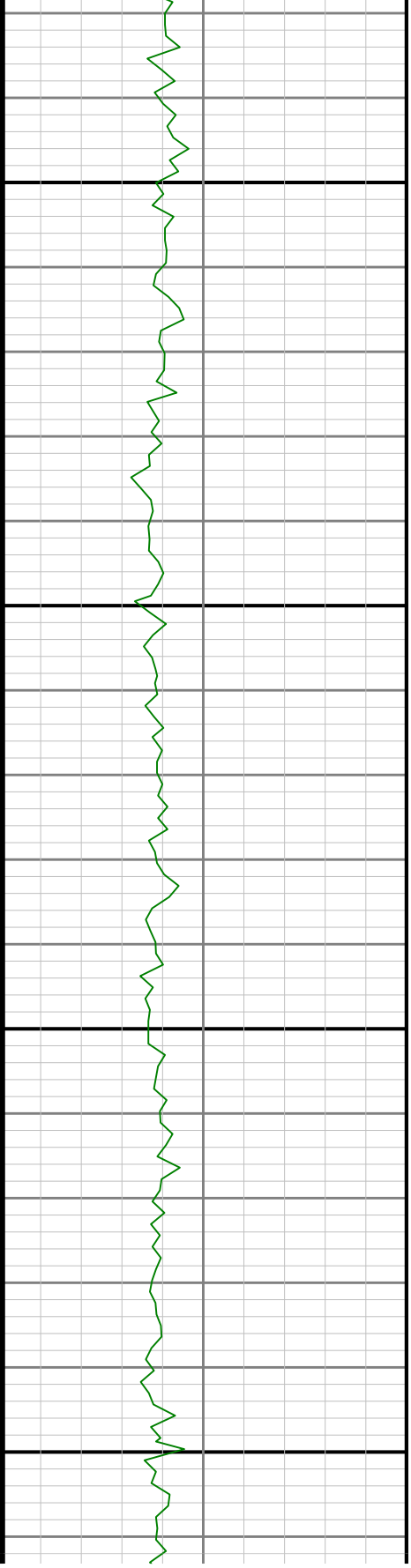
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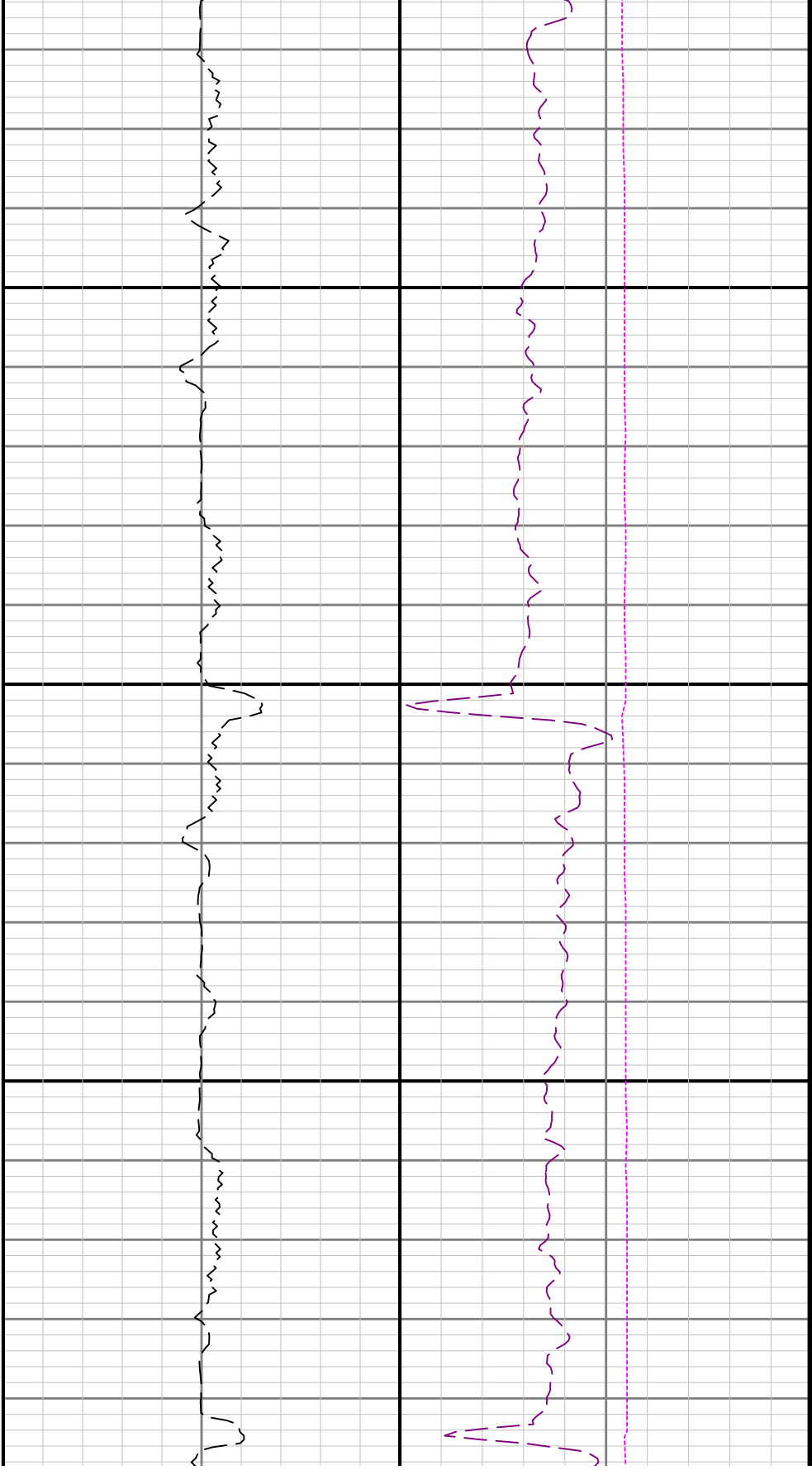




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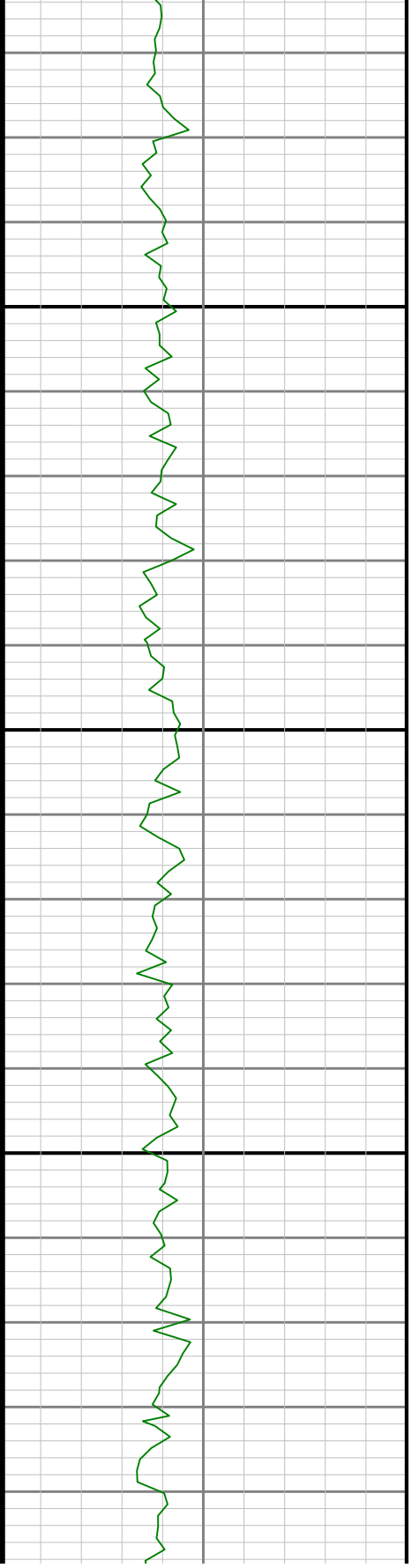
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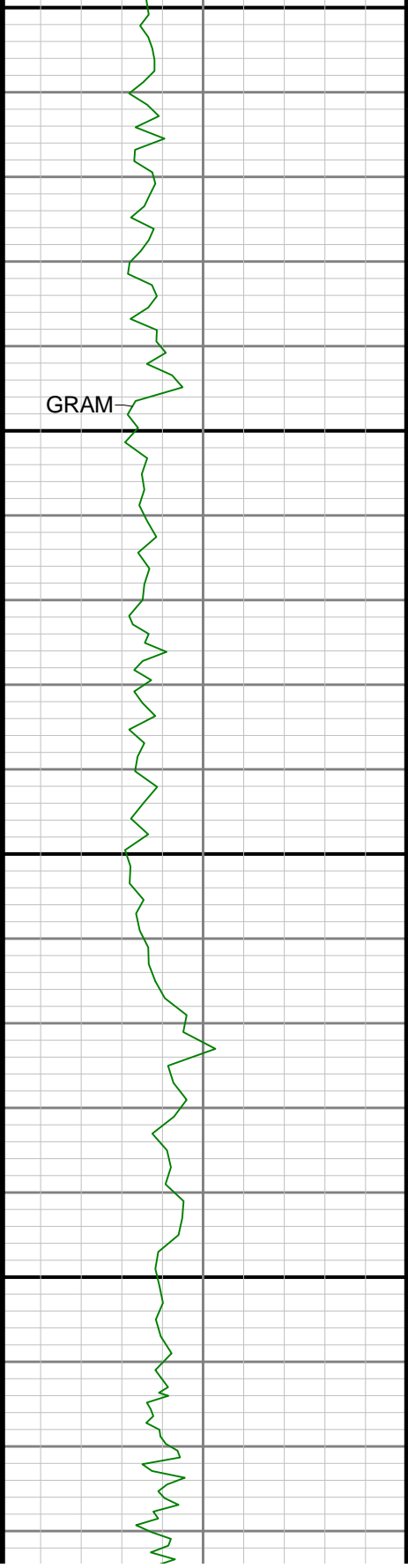




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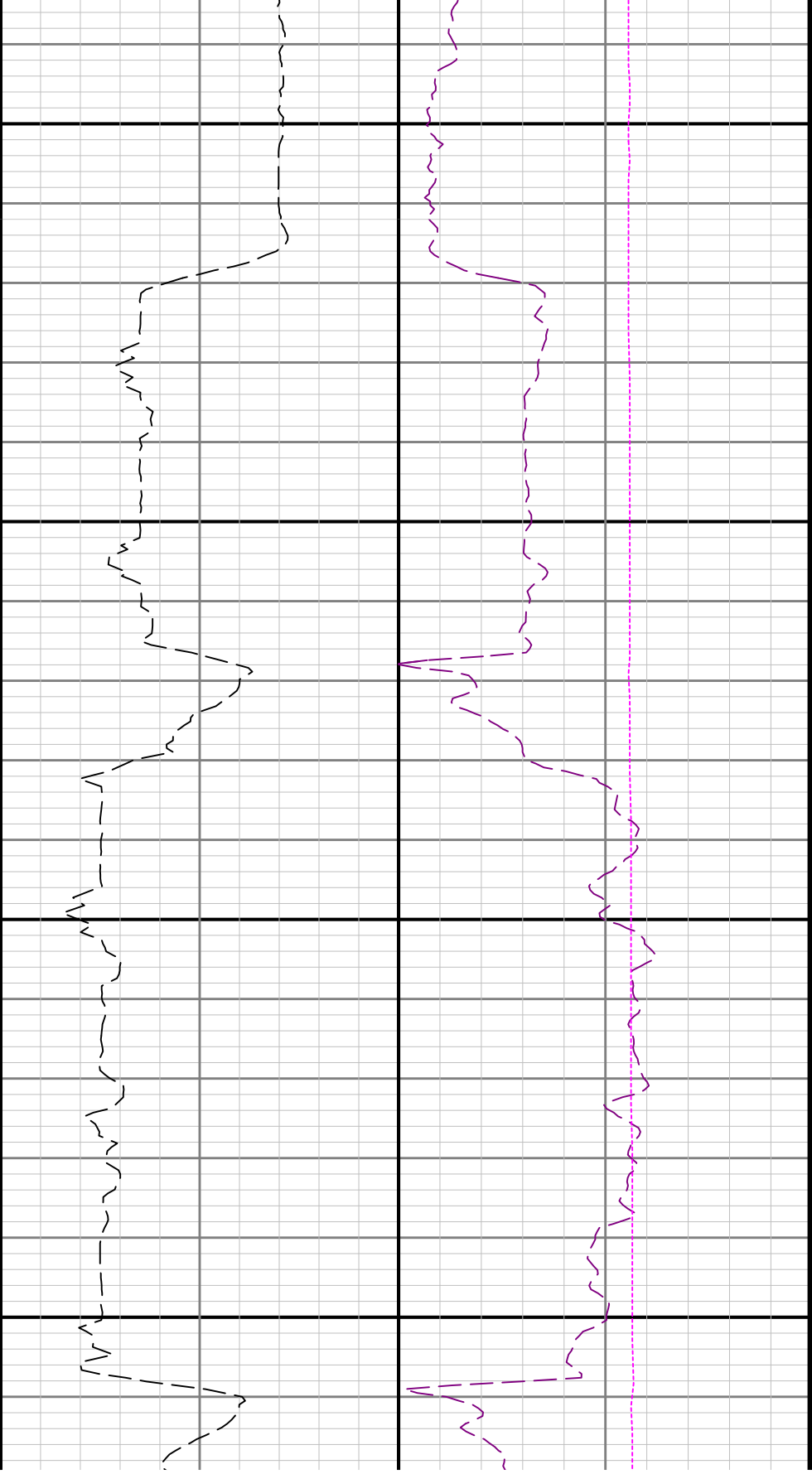




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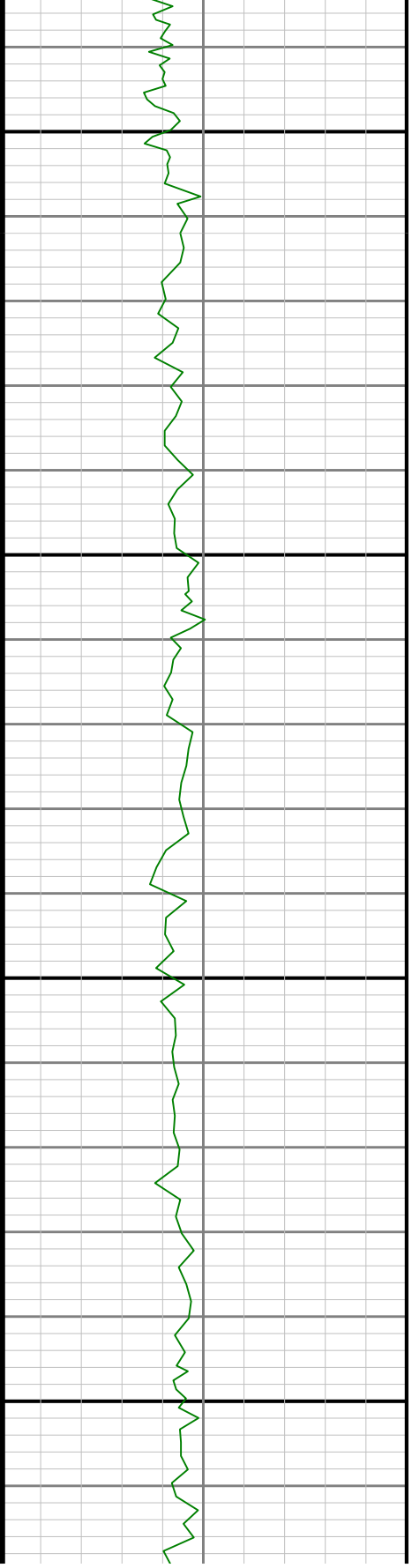
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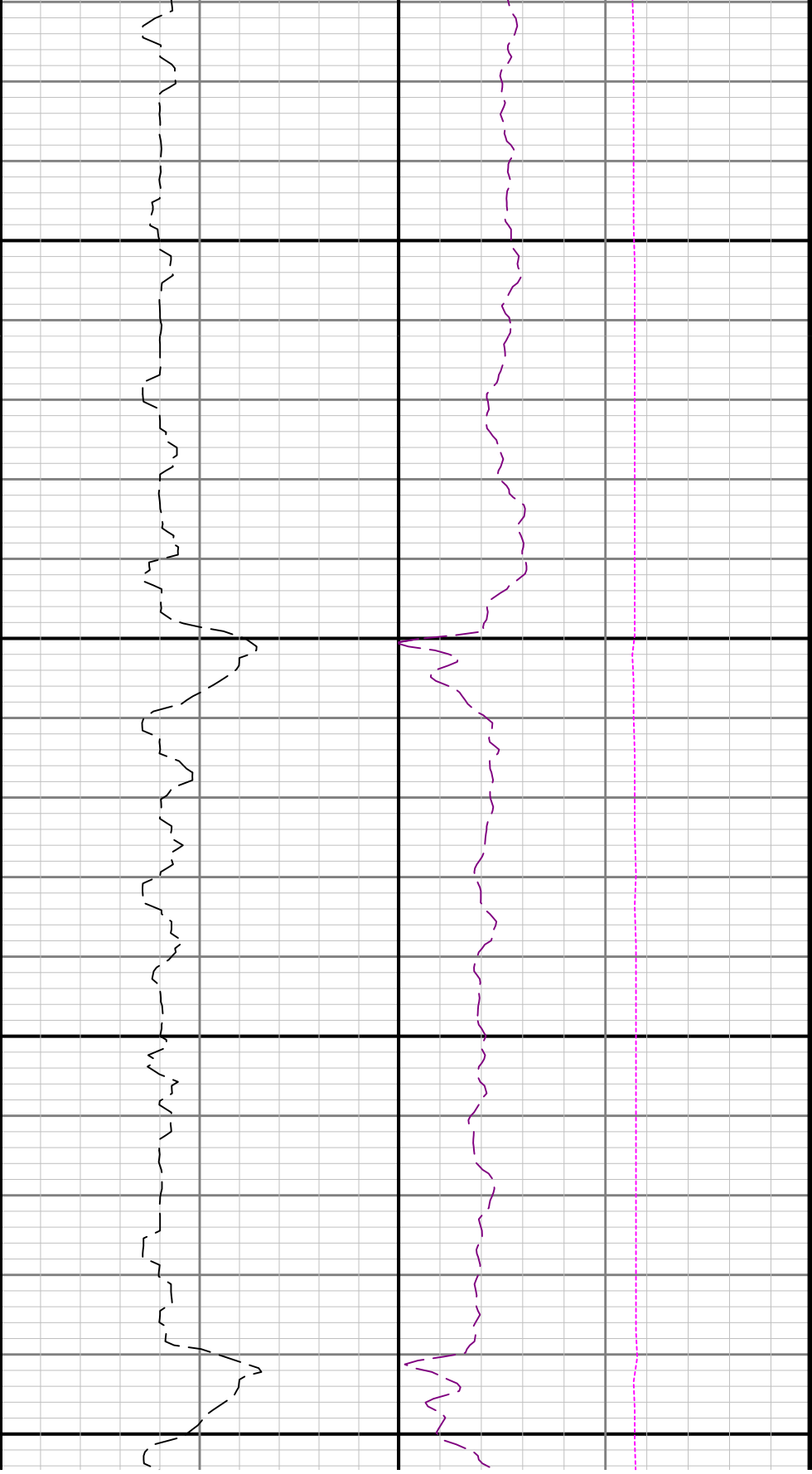




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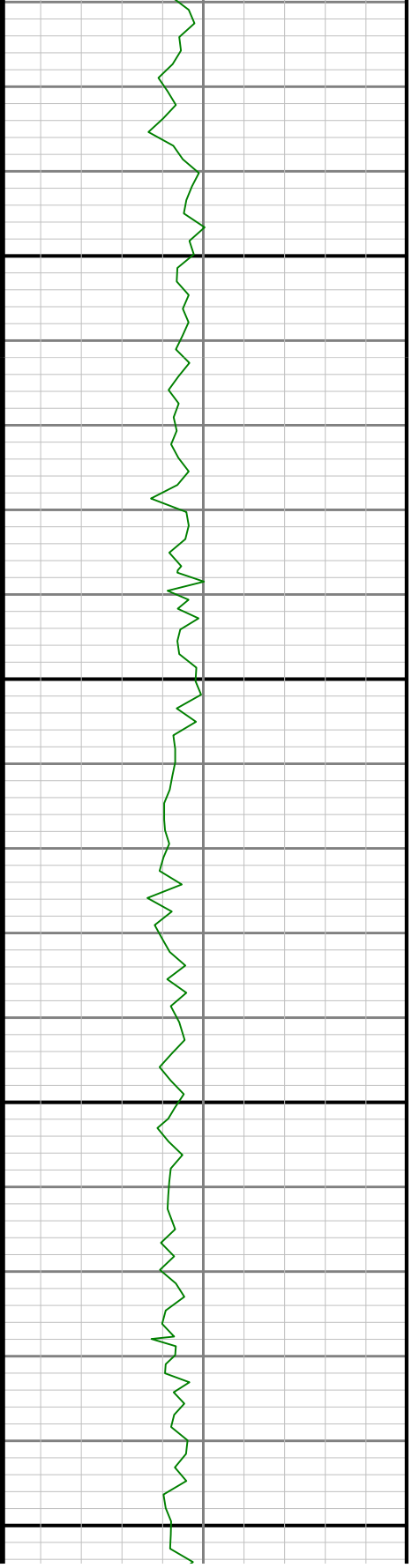
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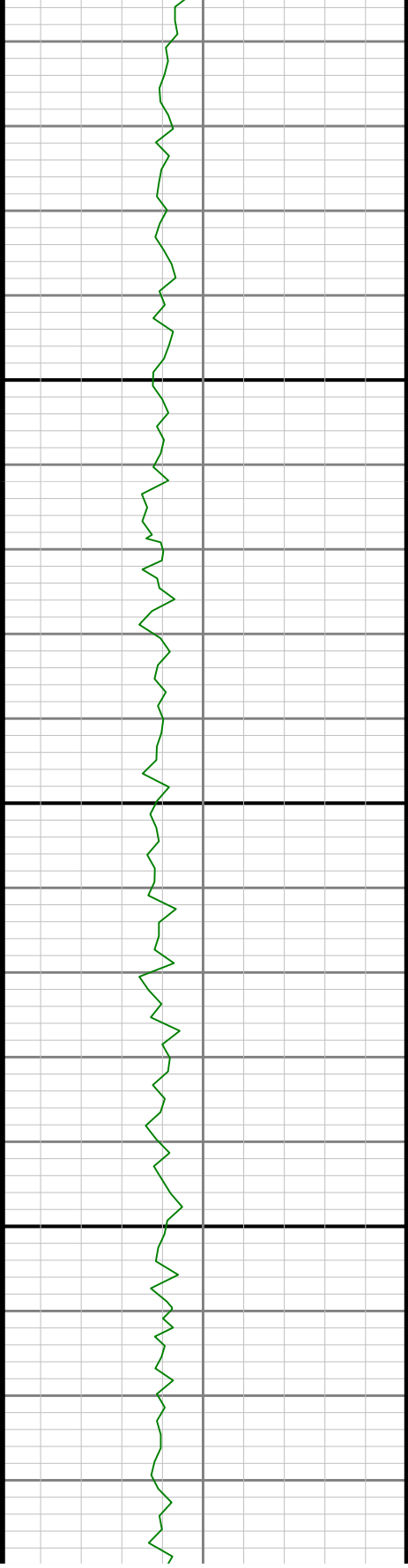




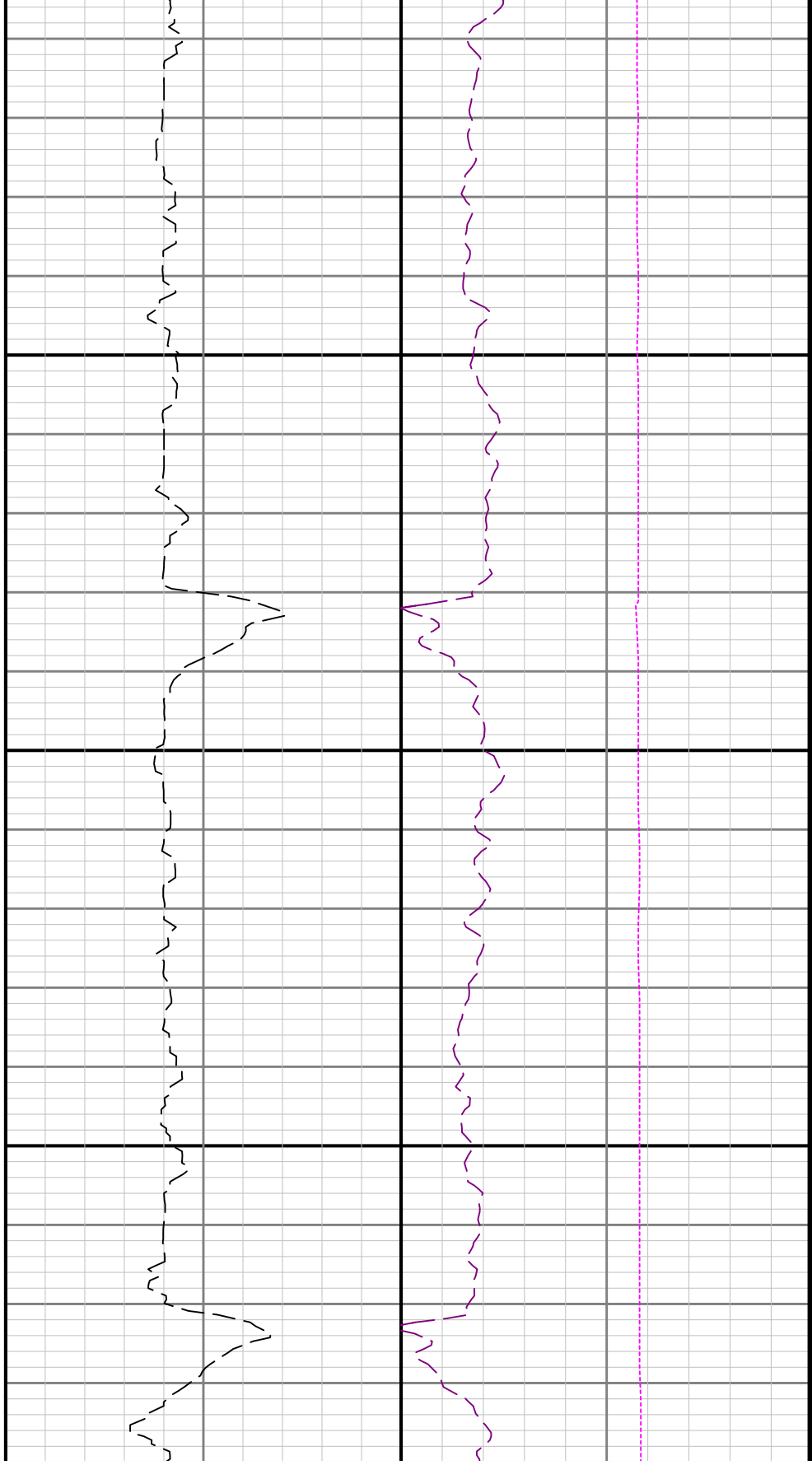
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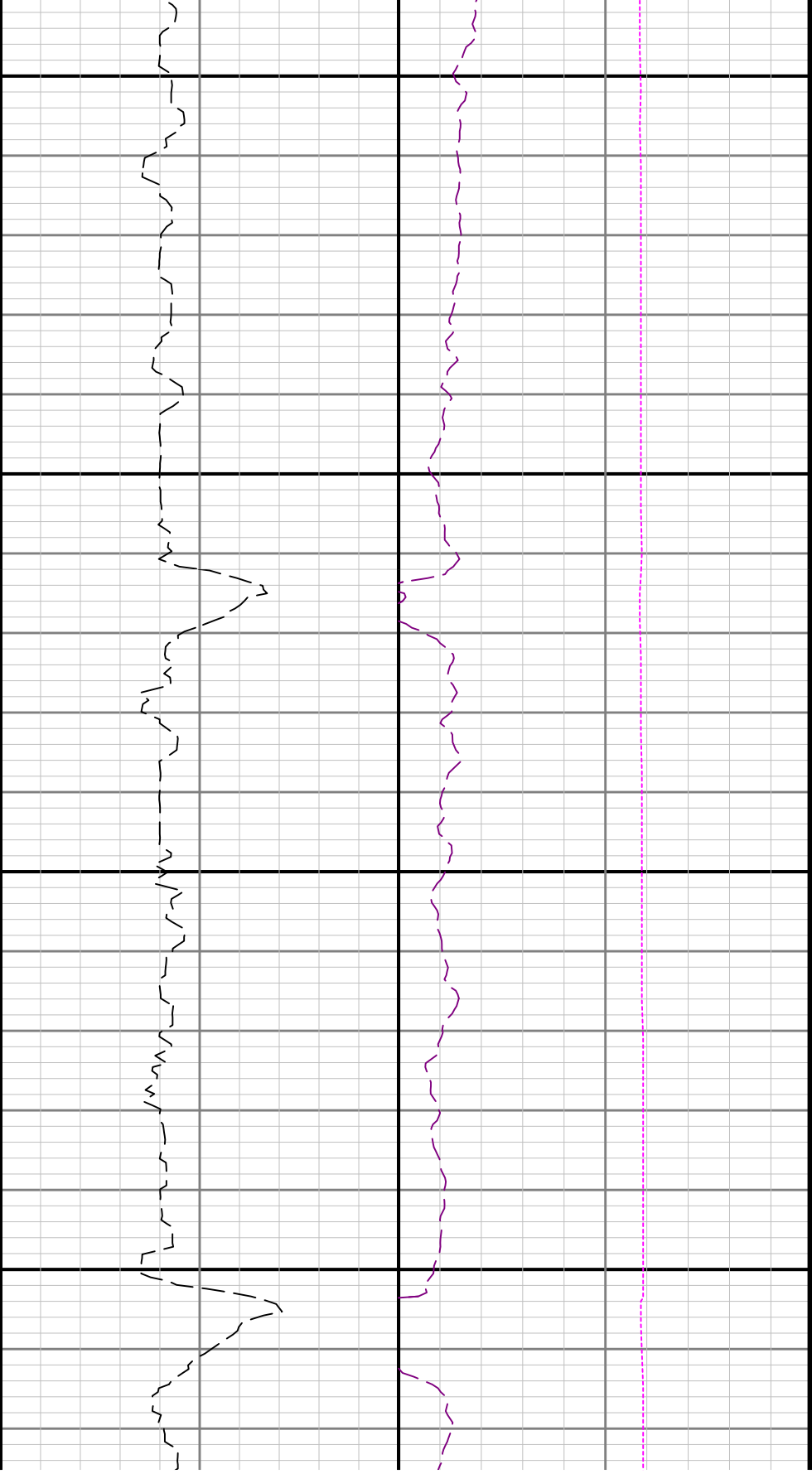
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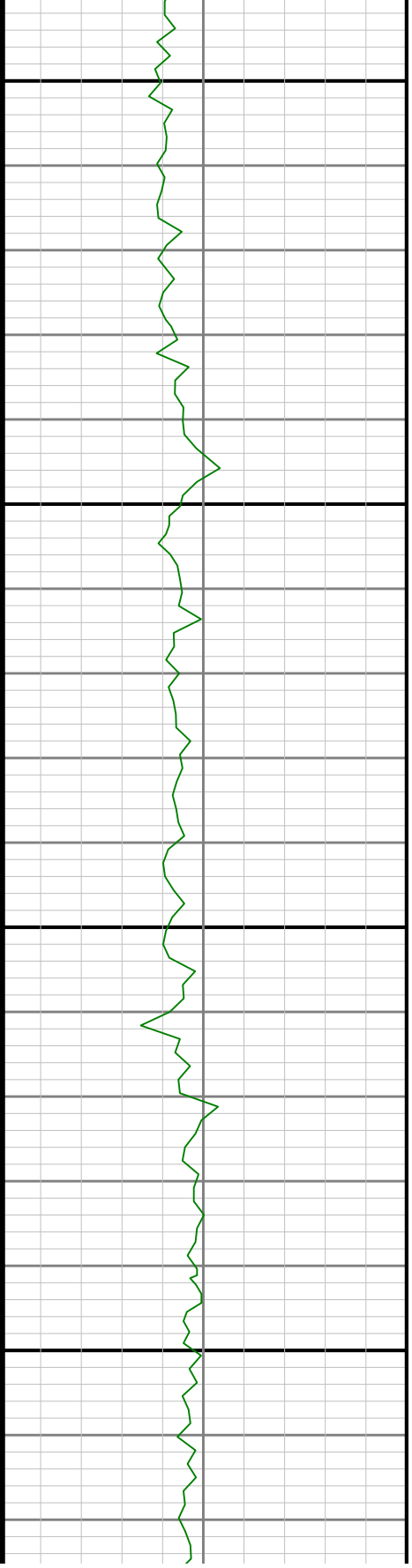
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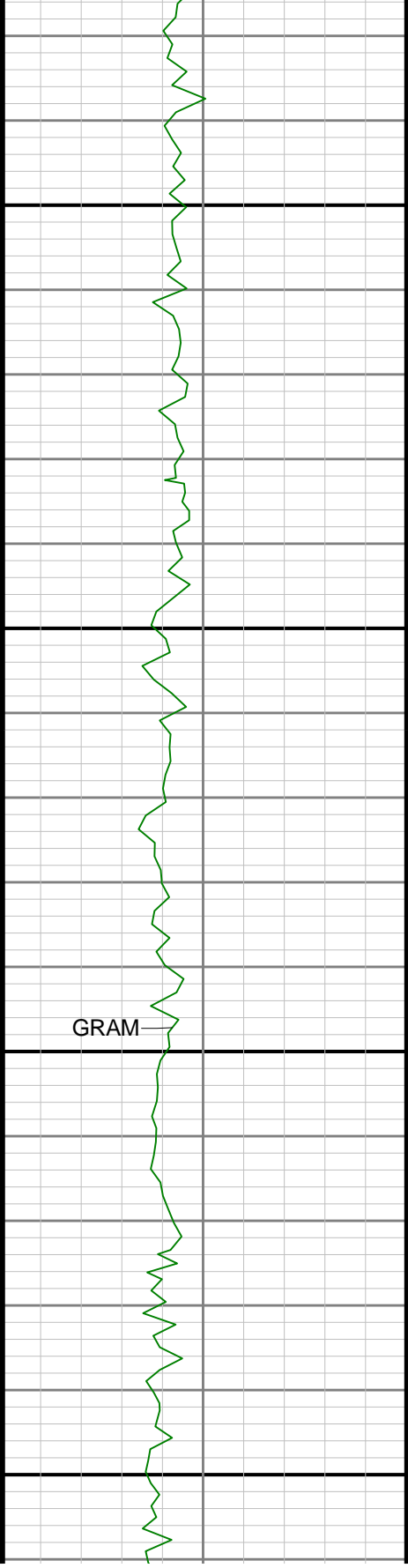




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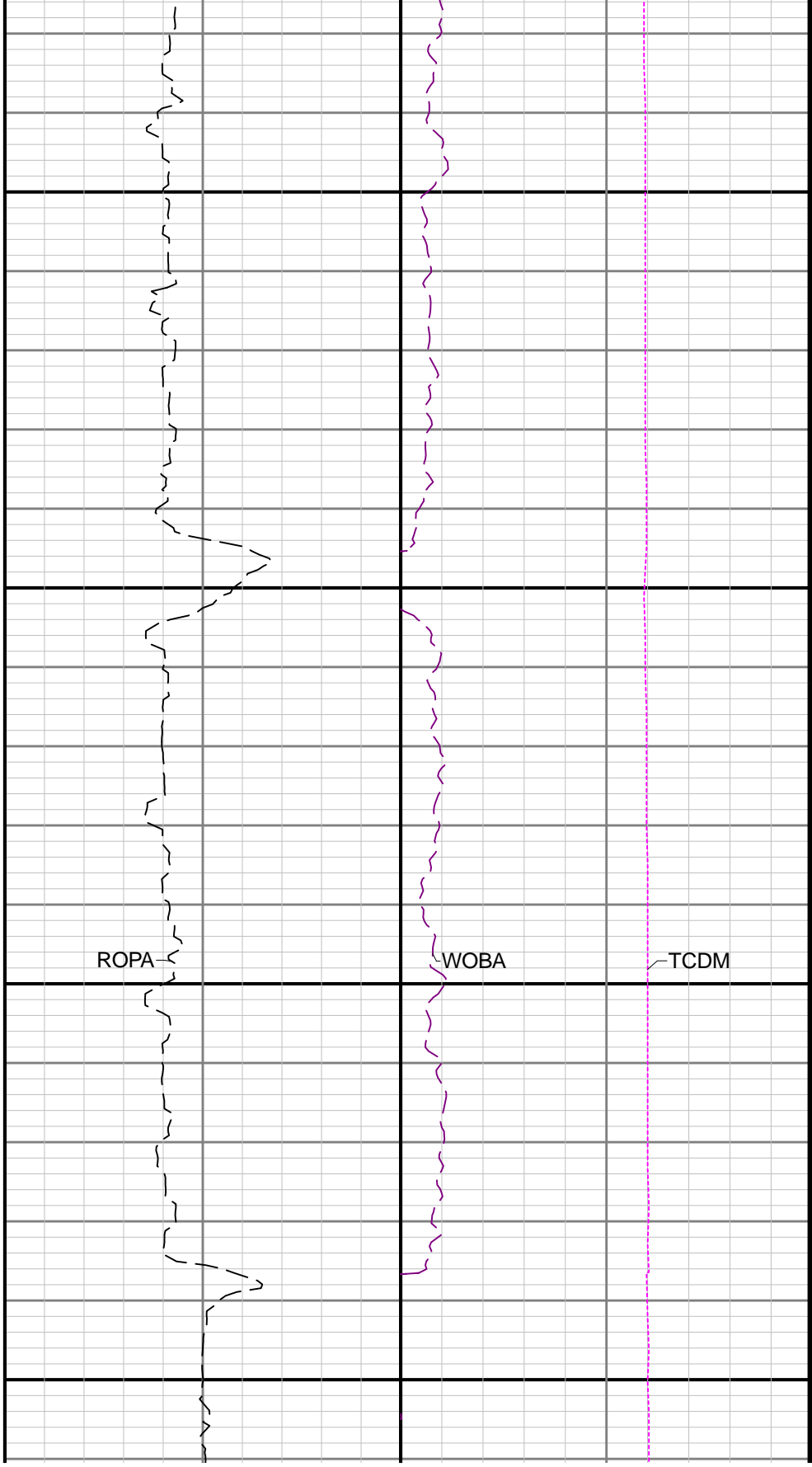
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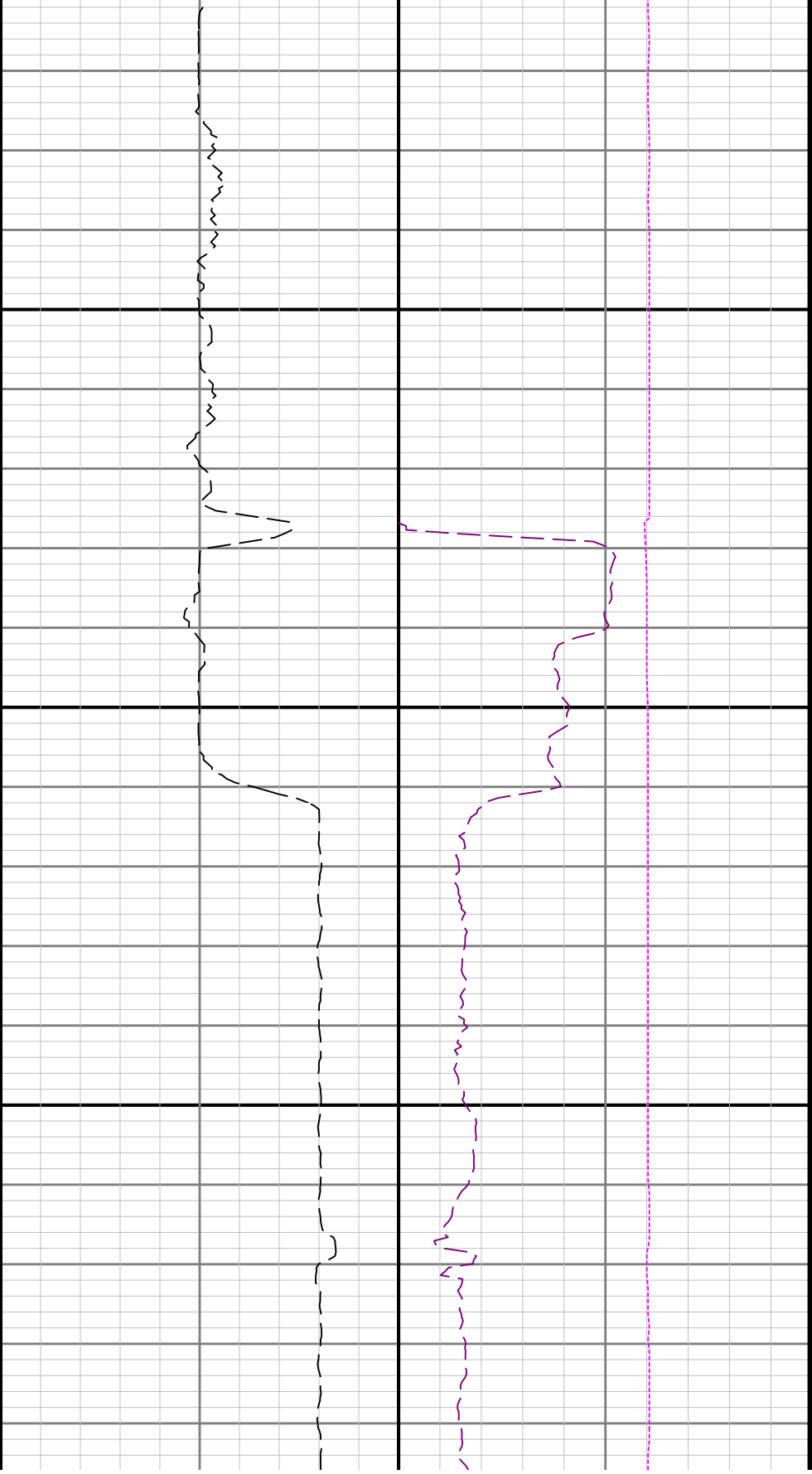




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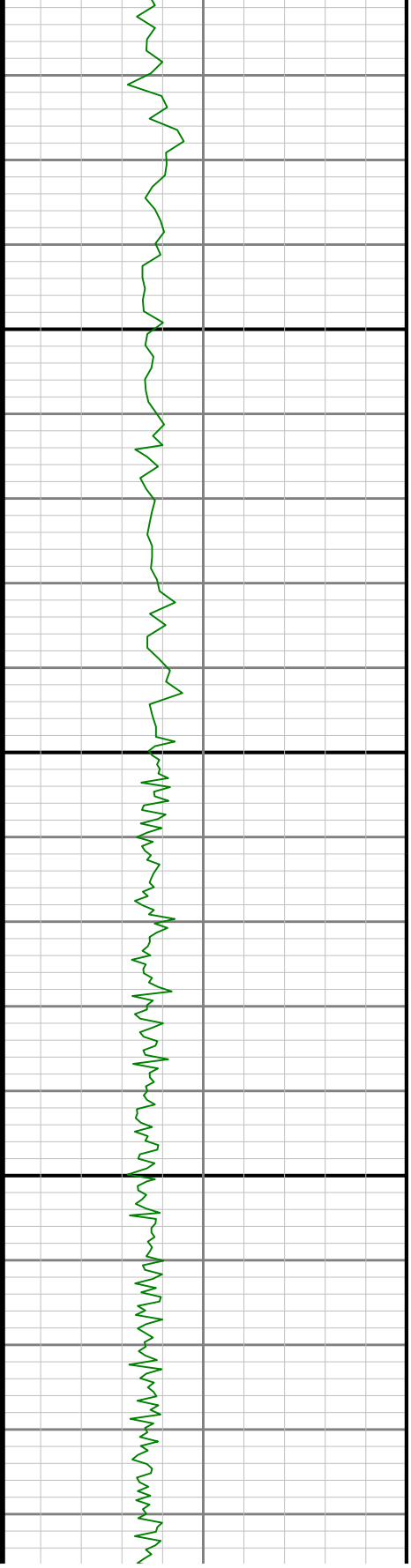
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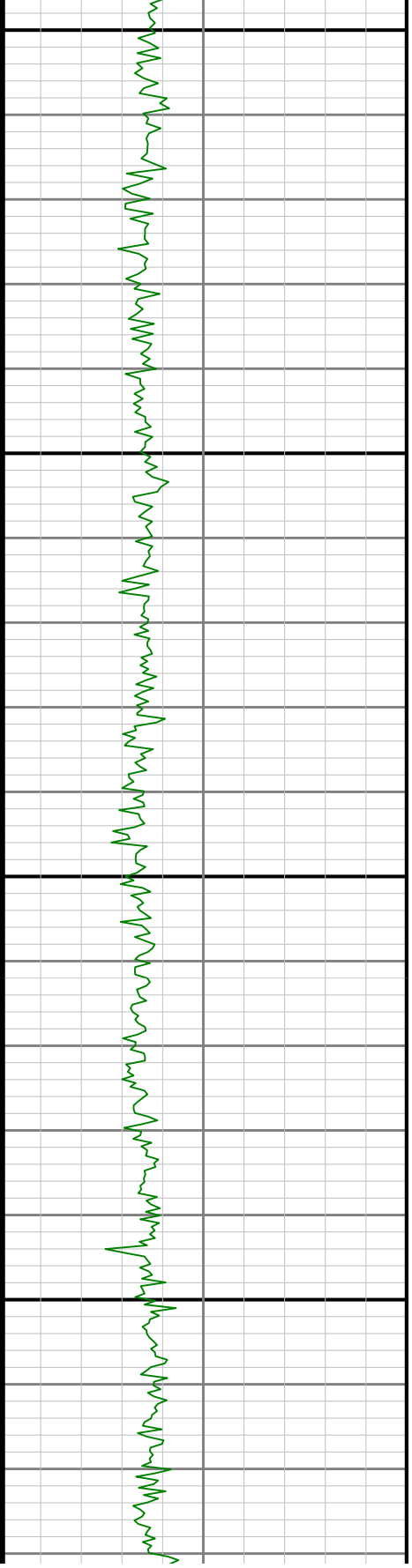


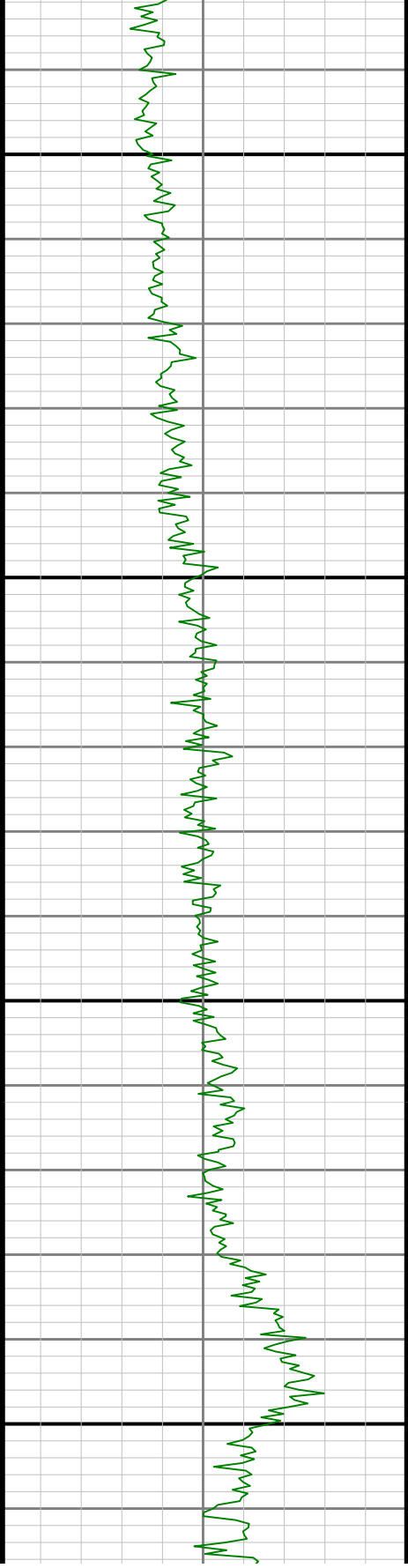


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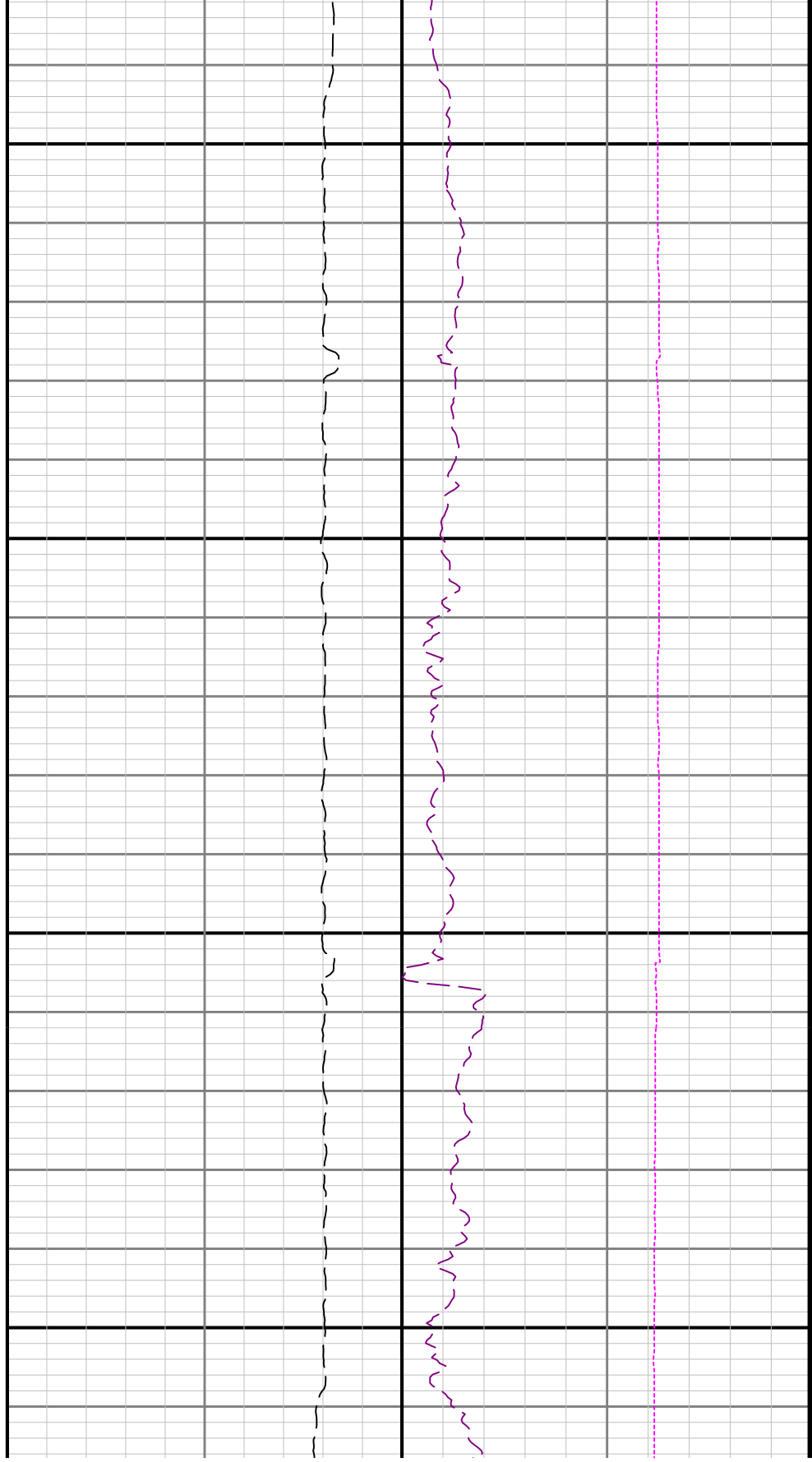


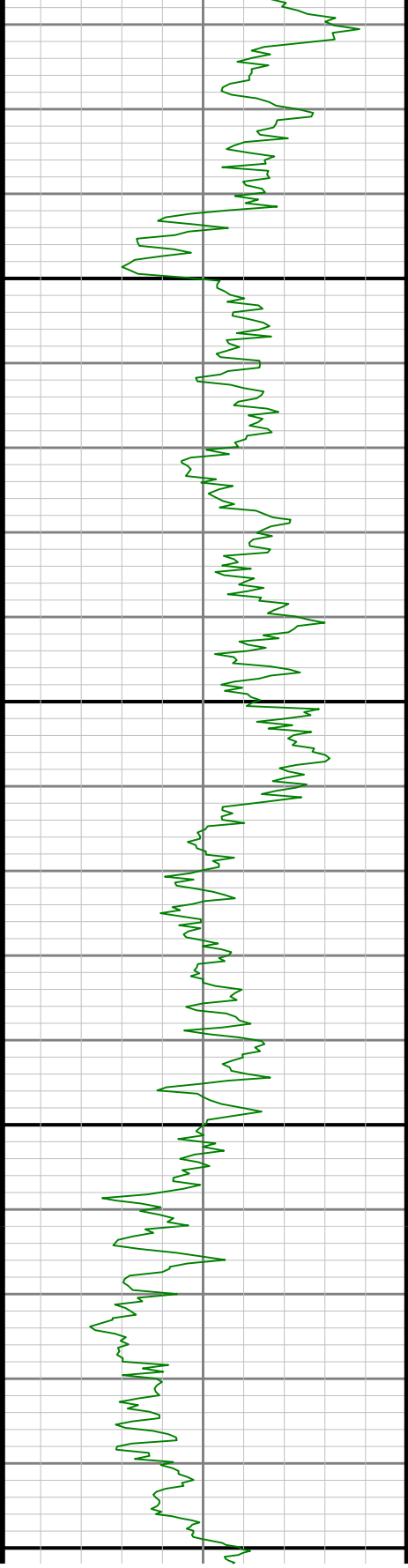




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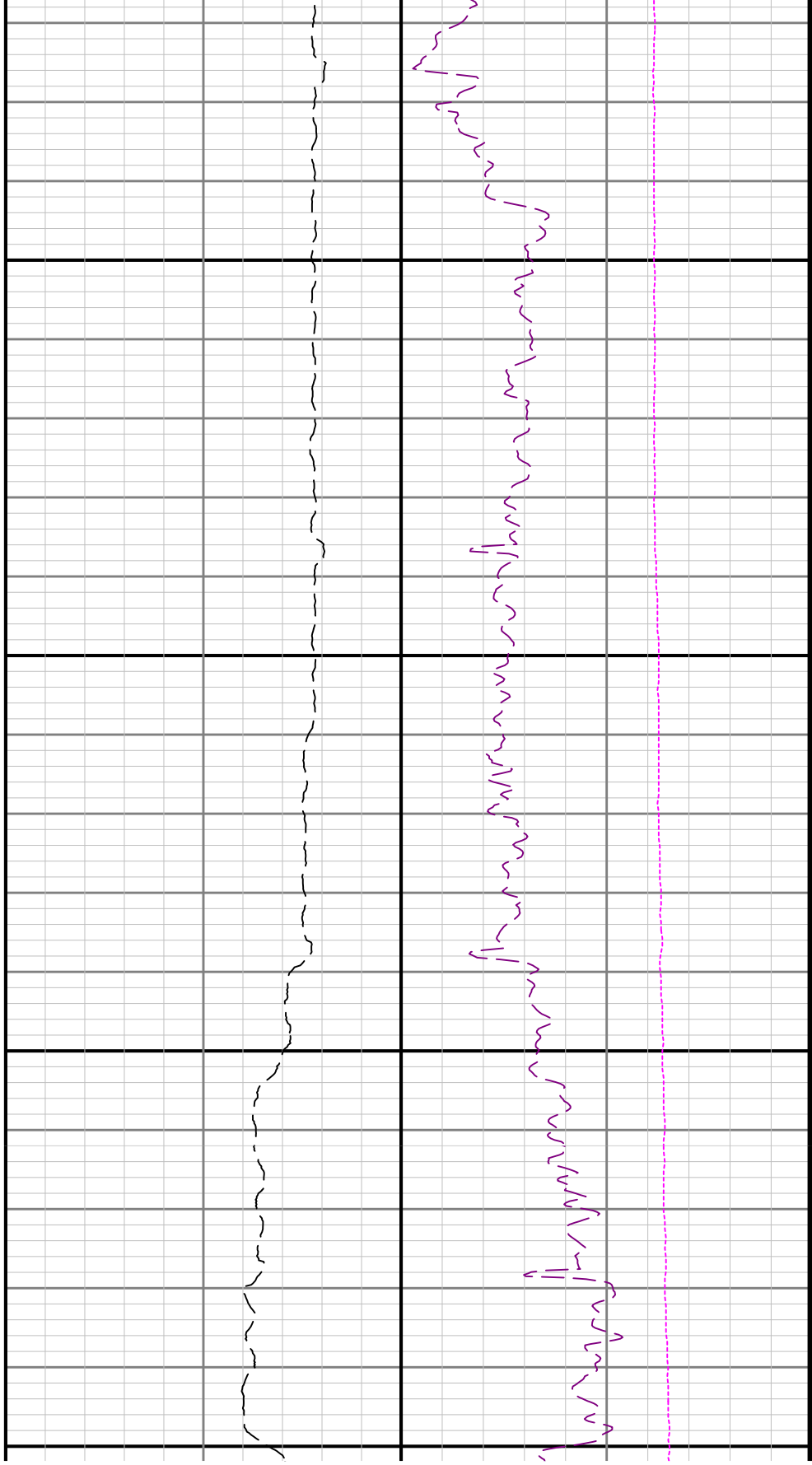
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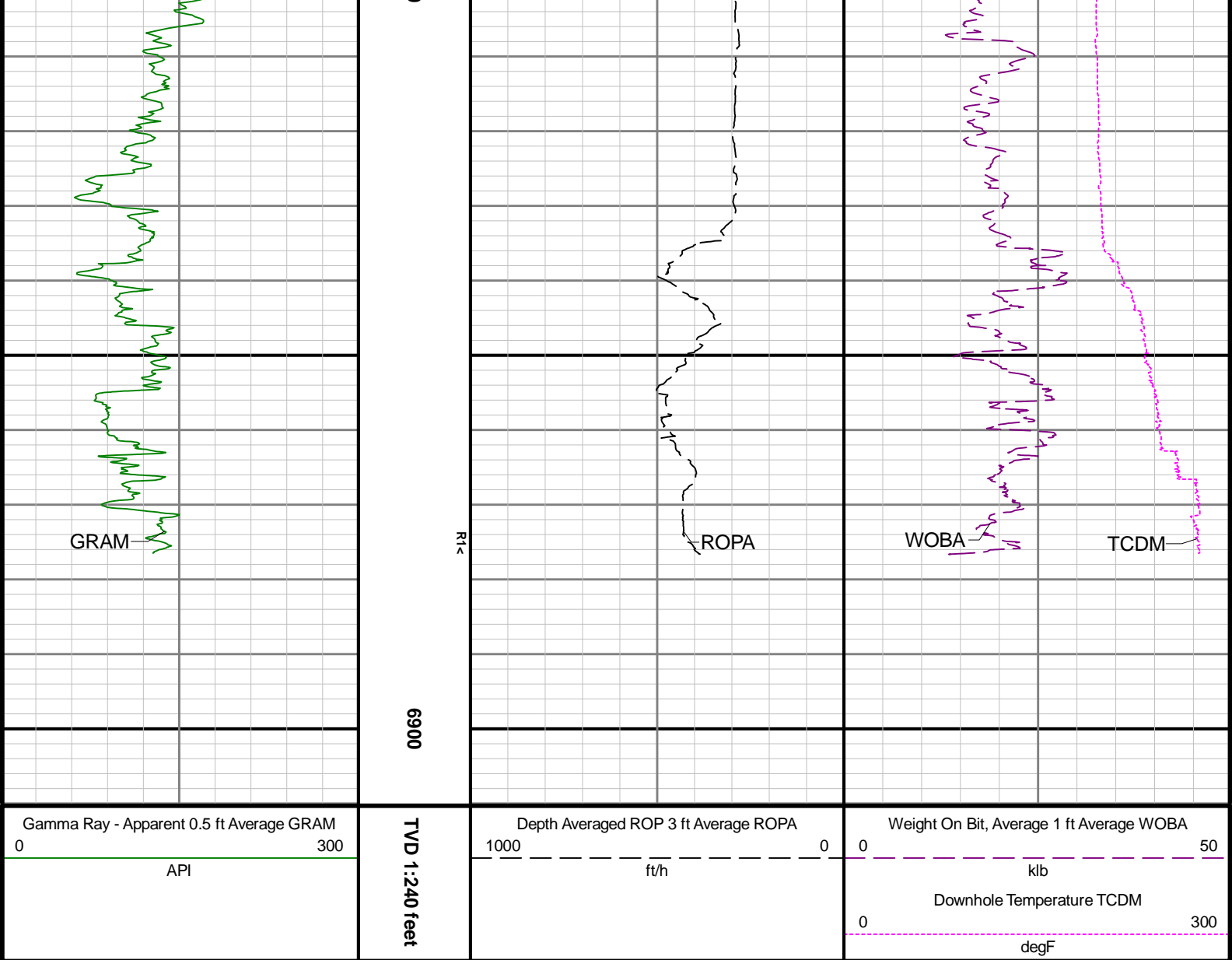




6880

6700





Directional Survey Summary

Latitude:	40° 27' 55.409" N	Longitude:	104° 34' 10.889" W
North Reference:	Grid	Drill Depth Zero:	Rig Floor
Vertical Datum is:	Mean Sea Level	Vertical Datum to DDZ: (ft)	4736.00
Vertical Section North: (ft)	0.00	Vertical Section East: (ft)	0.00
Vertical Section Azimuth: (deg)	186.12		
Grid Convergence: (deg)	-0.60	Magnetic Declination: (deg)	7.60
Total Correction: (deg)	7.00	TVD Calculation Method:	Minimum Curvature
Magnetic Correction:	Off	Local Magnetic Field: (nT)	51898
Local Magnetic Dip Angle: (deg)	66.78	Local Gravity Field: (m/s2)	9.800

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	-4736.00	0.00	0.00	0.00	0.00	0.00
	80.00	0.10	212.66	N/A	-0.06	-0.04	80.00	-4656.00	0.06	80.00	0.12	0.12	-184.17
	173.00	0.28	98.44	N/A	-0.16	0.14	173.00	-4563.00	0.14	93.00	0.36	0.19	-122.82
	264.00	0.21	246.20	N/A	-0.26	0.21	264.00	-4472.00	0.24	91.00	0.52	-0.08	162.37

	359.00	0.14	28.48	N/A	-0.23	0.11	359.00	-4377.00	0.22	95.00	0.35	-0.07	149.77
	453.00	0.26	317.09	N/A	0.03	0.02	453.00	-4283.00	-0.03	94.00	0.27	0.13	-75.95
	547.00	0.15	22.09	N/A	0.30	-0.08	547.00	-4189.00	-0.29	94.00	0.25	-0.12	69.15
	642.00	0.20	296.72	N/A	0.49	-0.18	642.00	-4094.00	-0.47	95.00	0.25	0.05	-89.86
	736.00	0.26	147.96	N/A	0.38	-0.22	736.00	-4000.00	-0.36	94.00	0.47	0.06	-158.26
	831.00	0.25	214.31	N/A	0.03	-0.22	831.00	-3905.00	-0.00	95.00	0.29	-0.01	69.84
	925.00	0.47	200.61	N/A	-0.50	-0.47	924.99	-3811.01	0.55	94.00	0.25	0.23	-14.57
	1020.00	0.16	228.95	N/A	-0.95	-0.71	1019.99	-3716.01	1.02	95.00	0.36	-0.33	29.83
	1114.00	0.11	100.41	N/A	-1.06	-0.72	1113.99	-3622.01	1.13	94.00	0.26	-0.05	-136.74
	1209.00	0.09	188.73	N/A	-1.15	-0.64	1208.99	-3527.01	1.21	95.00	0.15	-0.02	92.97
	1303.00	0.21	329.10	N/A	-1.07	-0.74	1302.99	-3433.01	1.15	94.00	0.30	0.13	149.33
	1398.00	0.23	284.63	N/A	-0.87	-1.01	1397.99	-3338.01	0.98	95.00	0.18	0.02	-46.81
	1493.00	0.31	307.94	N/A	-0.67	-1.40	1492.99	-3243.01	0.81	95.00	0.14	0.08	24.54
	1587.00	0.23	38.26	N/A	-0.36	-1.48	1586.99	-3149.01	0.52	94.00	0.41	-0.09	96.09
	1681.00	0.43	121.72	N/A	-0.40	-1.07	1680.99	-3055.01	0.51	94.00	0.49	0.21	88.79
	1776.00	0.20	264.58	N/A	-0.60	-0.93	1775.99	-2960.01	0.70	95.00	0.63	-0.24	150.38
	1871.00	0.49	318.49	N/A	-0.32	-1.36	1870.99	-2865.01	0.46	95.00	0.43	0.31	56.75
	1905.00	0.73	340.43	N/A	-0.00	-1.53	1904.99	-2831.01	0.17	34.00	0.97	0.71	64.53
	1991.00	0.92	2.58	114.9	1.20	-1.69	1990.98	-2745.02	-1.02	86.00	0.43	0.22	25.76
	2085.00	2.45	261.10	120.3	1.65	-3.64	2084.95	-2651.05	-1.25	94.00	2.96	1.63	-107.96
	2180.00	3.81	263.58	123.0	0.98	-8.78	2179.80	-2556.20	-0.04	95.00	1.44	1.43	2.61
	2274.00	5.31	265.45	125.7	0.28	-16.22	2273.50	-2462.50	1.45	94.00	1.60	1.60	1.99
	2369.00	6.65	259.19	125.7	-1.10	-26.00	2367.98	-2368.02	3.86	95.00	1.57	1.41	-6.59
	2464.00	8.05	259.57	131.1	-3.33	-37.95	2462.20	-2273.80	7.36	95.00	1.47	1.47	0.40
	2558.00	10.15	261.15	131.1	-5.80	-52.61	2555.01	-2180.99	11.37	94.00	2.25	2.23	1.68
	2653.00	12.03	261.25	133.8	-8.59	-70.67	2648.23	-2087.77	16.08	95.00	1.98	1.98	0.11
	2747.00	13.79	260.18	133.8	-11.99	-91.39	2739.85	-1996.15	21.67	94.00	1.89	1.87	-1.14
	2842.00	16.08	261.24	136.5	-15.93	-115.55	2831.64	-1904.36	28.16	95.00	2.43	2.41	1.12
	2936.00	16.13	262.77	141.9	-19.55	-141.37	2921.95	-1814.05	34.51	94.00	0.45	0.05	1.63
	3031.00	16.69	261.02	139.2	-23.34	-167.94	3013.08	-1722.92	41.12	95.00	0.79	0.59	-1.84
	3126.00	15.91	262.05	139.2	-27.27	-194.31	3104.26	-1631.74	47.83	95.00	0.88	-0.82	1.08
	3220.00	15.84	259.96	141.9	-31.29	-219.70	3194.68	-1541.32	54.54	94.00	0.61	-0.07	-2.22
	3315.00	15.31	260.58	141.9	-35.61	-244.84	3286.19	-1449.81	61.51	95.00	0.58	-0.56	0.65
	3410.00	14.40	259.15	141.9	-39.88	-268.82	3378.01	-1357.99	68.31	95.00	1.03	-0.96	-1.51
	3599.00	15.52	260.49	144.6	-48.48	-316.84	3560.61	-1175.39	81.99	189.00	0.62	0.59	0.71
	3693.00	16.11	258.98	144.6	-53.06	-342.04	3651.05	-1084.95	89.22	94.00	0.77	0.63	-1.61
	3788.00	16.15	258.90	147.3	-58.12	-367.94	3742.31	-993.69	97.01	95.00	0.05	0.04	-0.08
	3882.00	16.23	259.15	147.3	-63.11	-393.67	3832.58	-903.42	104.72	94.00	0.11	0.09	0.27
	3977.00	16.32	258.82	150.0	-68.20	-419.81	3923.77	-812.23	112.56	95.00	0.14	0.09	-0.35
	4072.00	15.86	258.87	150.0	-73.29	-445.64	4015.05	-720.95	120.38	95.00	0.48	-0.48	0.05
	4167.00	16.22	258.84	328.4	-78.36	-471.39	4106.35	-629.65	128.17	95.00	0.38	0.38	-0.03
	4261.00	16.45	259.17	152.7	-83.40	-497.35	4196.56	-539.44	135.95	94.00	0.26	0.24	0.35
	4356.00	16.67	259.10	155.4	-88.51	-523.94	4287.62	-448.38	143.86	95.00	0.23	0.23	-0.07
	4451.00	16.89	259.57	155.4	-93.58	-550.89	4378.57	-357.43	151.78	95.00	0.27	0.23	0.49
	4545.00	16.67	259.67	158.1	-98.47	-577.58	4468.57	-267.43	159.49	94.00	0.24	-0.23	0.11
	4640.00	16.30	259.69	158.1	-103.30	-604.10	4559.66	-176.34	167.12	95.00	0.39	-0.39	0.02
	4735.00	16.53	259.19	160.8	-108.22	-630.50	4650.79	-85.21	174.82	95.00	0.28	0.24	-0.53
	4829.00	16.60	259.35	160.8	-113.21	-656.83	4740.89	4.89	182.59	94.00	0.09	0.07	0.17
	4924.00	16.43	259.81	163.5	-118.10	-683.39	4831.97	95.97	190.28	95.00	0.23	-0.18	0.48
	5018.00	16.37	259.40	163.5	-122.89	-709.49	4922.15	186.15	197.83	94.00	0.14	-0.06	-0.44
	5113.00	16.60	258.60	163.5	-128.03	-735.95	5013.24	277.24	205.76	95.00	0.34	0.24	-0.84
	5207.00	15.81	259.93	166.2	-132.92	-761.72	5103.51	367.51	213.37	94.00	0.93	-0.84	1.41
	5302.00	16.17	260.27	168.9	-137.42	-787.50	5194.83	458.83	220.60	95.00	0.39	0.38	0.36
	5397.00	14.94	260.91	168.9	-141.59	-812.63	5286.35	550.35	227.42	95.00	1.31	-1.29	0.67
	5492.00	15.87	260.70	168.9	-145.63	-837.54	5377.94	641.94	234.09	95.00	0.98	0.98	-0.22
	5586.00	16.48	260.56	171.6	-149.89	-863.38	5468.21	732.21	241.08	94.00	0.65	0.65	-0.15
	5681.00	16.13	260.20	171.6	-154.35	-889.68	5559.39	823.39	248.32	95.00	0.38	-0.37	-0.38
	5775.00	15.96	260.21	174.3	-158.77	-915.28	5649.73	913.73	255.44	94.00	0.18	-0.18	0.01
	5870.00	16.23	259.81	174.3	-163.34	-941.22	5741.01	1005.01	262.75	95.00	0.31	0.28	-0.42
	5964.00	16.16	259.65	177.0	-168.01	-967.01	5831.28	1095.28	270.15	94.00	0.09	-0.07	-0.17
	6059.00	15.54	260.78	177.0	-172.42	-992.58	5922.67	1186.67	277.26	95.00	0.73	-0.65	1.19
	6153.00	15.05	260.22	179.7	-176.52	-1017.04	6013.34	1277.34	283.94	94.00	0.54	-0.52	-0.60

	6248.00	15.21	259.75	179.7	-180.83	-1041.45	6105.04	1369.04	290.83	95.00	0.21	0.17	-0.49
	6343.00	16.37	254.79	179.7	-186.56	-1066.64	6196.46	1460.46	299.21	95.00	1.87	1.22	-5.22
	6437.00	19.12	232.98	179.7	-199.32	-1091.74	6286.08	1550.08	314.58	94.00	7.60	2.93	-23.20
	6532.00	24.12	217.75	182.5	-224.07	-1116.08	6374.44	1638.44	341.78	95.00	7.87	5.26	-16.03
	6627.00	30.38	208.82	185.2	-260.52	-1139.58	6458.89	1722.89	380.52	95.00	7.85	6.59	-9.40
	6721.00	37.02	207.65	185.2	-306.46	-1164.20	6537.05	1801.05	428.83	94.00	7.10	7.06	-1.24
	6816.00	44.23	198.03	182.5	-363.43	-1187.78	6609.18	1873.18	487.99	95.00	10.04	7.59	-10.13
	6910.00	50.85	192.31	185.2	-430.32	-1205.73	6672.63	1936.63	556.41	94.00	8.35	7.04	-6.09
	7005.00	59.24	192.15	187.9	-506.35	-1222.20	6727.01	1991.01	633.76	95.00	8.83	8.83	-0.17
	7099.00	66.87	186.35	190.6	-588.97	-1235.51	6769.60	2033.60	717.33	94.00	9.80	8.12	-6.17
	7194.00	74.00	181.58	193.3	-678.18	-1241.61	6801.41	2065.41	806.69	95.00	8.87	7.51	-5.02
	7288.00	79.16	180.79	196.0	-769.57	-1243.50	6823.22	2087.22	897.75	94.00	5.55	5.49	-0.84
	7383.00	87.60	180.67	201.4	-863.84	-1244.70	6834.16	2098.16	991.62	95.00	8.89	8.88	-0.13
	7478.00	89.97	180.82	201.4	-958.80	-1245.93	6836.17	2100.17	1086.17	95.00	2.50	2.49	0.16
	7572.00	89.48	179.93	206.8	-1052.80	-1246.55	6836.62	2100.62	1179.70	94.00	1.08	-0.52	-0.95
	7666.00	89.63	180.21	209.5	-1146.80	-1246.66	6837.35	2101.35	1273.17	94.00	0.34	0.16	0.30
	7761.00	90.46	180.35	209.5	-1241.79	-1247.13	6837.28	2101.28	1367.67	95.00	0.89	0.87	0.15
	7855.00	89.82	180.84	212.2	-1335.79	-1248.10	6837.05	2101.05	1461.24	94.00	0.86	-0.68	0.52
	7950.00	90.03	180.77	214.9	-1430.78	-1249.44	6837.17	2101.17	1555.83	95.00	0.23	0.22	-0.07
	8044.00	88.92	180.60	212.2	-1524.77	-1250.56	6838.04	2102.04	1649.40	94.00	1.19	-1.18	-0.18
	8139.00	88.74	180.24	214.9	-1619.74	-1251.26	6839.98	2103.98	1743.91	95.00	0.42	-0.19	-0.38
	8234.00	90.12	180.76	217.6	-1714.73	-1252.09	6840.92	2104.92	1838.45	95.00	1.55	1.45	0.55
	8328.00	90.15	180.62	217.6	-1808.73	-1253.22	6840.70	2104.70	1932.02	94.00	0.15	0.03	-0.15
	8423.00	90.52	178.88	220.3	-1903.72	-1252.80	6840.14	2104.14	2026.43	95.00	1.87	0.39	-1.83
	8517.00	90.09	179.05	220.3	-1997.70	-1251.11	6839.64	2103.64	2119.70	94.00	0.49	-0.46	0.18
	8612.00	89.05	178.48	217.6	-2092.68	-1249.06	6840.36	2104.36	2213.91	95.00	1.25	-1.09	-0.60
	8707.00	89.05	178.33	223.0	-2187.63	-1246.41	6841.93	2105.93	2308.04	95.00	0.16	-0.00	-0.16
	8801.00	89.01	178.44	223.0	-2281.58	-1243.77	6843.52	2107.52	2401.17	94.00	0.12	-0.04	0.12
	8896.00	90.52	179.75	225.7	-2376.56	-1242.27	6843.91	2107.91	2495.45	95.00	2.10	1.59	1.38
	8991.00	89.66	179.33	225.7	-2471.55	-1241.50	6843.76	2107.76	2589.83	95.00	1.01	-0.91	-0.44
	9085.00	89.94	179.66	228.4	-2565.55	-1240.67	6844.09	2108.09	2683.20	94.00	0.46	0.30	0.35
	9180.00	89.66	178.95	231.1	-2660.54	-1239.52	6844.42	2108.42	2777.53	95.00	0.80	-0.29	-0.75
	9369.00	89.20	179.35	231.1	-2849.51	-1236.72	6846.30	2110.30	2965.12	189.00	0.32	-0.24	0.21
	9463.00	89.26	178.73	231.1	-2943.49	-1235.14	6847.57	2111.57	3058.39	94.00	0.66	0.06	-0.66
	9558.00	88.68	178.53	231.1	-3038.45	-1232.87	6849.27	2113.27	3152.57	95.00	0.65	-0.61	-0.21
	9652.00	89.45	179.06	233.8	-3132.41	-1230.90	6850.81	2114.81	3245.79	94.00	0.99	0.82	0.56
	9747.00	90.00	179.90	233.8	-3227.40	-1230.03	6851.26	2115.26	3340.15	95.00	1.06	0.58	0.88
	9841.00	89.11	178.78	233.8	-3321.39	-1228.95	6851.99	2115.99	3433.48	94.00	1.52	-0.95	-1.19
	9936.00	89.48	178.76	236.5	-3416.36	-1226.91	6853.16	2117.16	3527.70	95.00	0.39	0.39	-0.02
	10031.00	89.63	178.64	236.5	-3511.34	-1224.76	6853.90	2117.90	3621.90	95.00	0.20	0.16	-0.13
	10125.00	89.35	178.67	239.2	-3605.31	-1222.55	6854.74	2118.74	3715.10	94.00	0.30	-0.30	0.03
	10220.00	89.78	179.25	239.2	-3700.29	-1220.83	6855.46	2119.46	3809.35	95.00	0.76	0.45	0.61
	10314.00	89.29	179.15	241.9	-3794.28	-1219.51	6856.22	2120.22	3902.66	94.00	0.53	-0.52	-0.11
	10409.00	89.94	179.09	241.9	-3889.26	-1218.05	6856.86	2120.86	3996.95	95.00	0.69	0.68	-0.06
	10503.00	89.11	178.11	241.9	-3983.23	-1215.76	6857.64	2121.64	4090.14	94.00	1.37	-0.88	-1.04
	10598.00	89.63	178.48	241.9	-4078.18	-1212.93	6858.68	2122.68	4184.25	95.00	0.67	0.55	0.39
	10692.00	89.45	179.18	244.6	-4172.16	-1211.01	6859.44	2123.44	4277.49	94.00	0.77	-0.19	0.74
	10787.00	88.65	179.05	244.6	-4267.13	-1209.55	6861.01	2125.01	4371.76	95.00	0.85	-0.84	-0.14
	10881.00	89.60	179.05	244.6	-4361.11	-1207.99	6862.45	2126.45	4465.04	94.00	1.01	1.01	0.00
	10976.00	89.94	178.88	244.6	-4456.09	-1206.27	6862.83	2126.83	4559.30	95.00	0.40	0.36	-0.18
	11070.00	90.25	179.68	247.3	-4550.08	-1205.09	6862.67	2126.67	4652.63	94.00	0.91	0.33	0.85
	11165.00	90.15	179.21	247.3	-4645.08	-1204.17	6862.34	2126.34	4746.98	95.00	0.51	-0.11	-0.49
	11259.00	89.97	179.33	247.3	-4739.07	-1202.97	6862.24	2126.24	4840.31	94.00	0.23	-0.19	0.13
	11354.00	90.18	179.22	250.0	-4834.06	-1201.77	6862.12	2126.12	4934.63	95.00	0.25	0.22	-0.12
	11448.00	89.91	178.95	250.0	-4928.05	-1200.27	6862.05	2126.05	5027.92	94.00	0.41	-0.29	-0.29
	11543.00	90.34	179.45	250.0	-5023.04	-1198.94	6861.84	2125.84	5122.23	95.00	0.69	0.45	0.53
	11637.00	90.09	180.01	250.0	-5117.04	-1198.50	6861.49	2125.49	5215.65	94.00	0.65	-0.27	0.60
	11732.00	89.94	179.62	250.0	-5212.04	-1198.19	6861.46	2125.46	5310.07	95.00	0.44	-0.16	-0.41
	11827.00	90.25	179.72	250.0	-5307.03	-1197.65	6861.30	2125.30	5404.47	95.00	0.34	0.33	0.11
	11921.00	89.91	179.18	250.0	-5401.03	-1196.74	6861.17	2125.17	5497.83	94.00	0.68	-0.36	-0.57
	12015.00	90.03	179.52	252.7	-5495.02	-1195.68	6861.22	2125.22	5591.18	94.00	0.38	0.13	0.36
	12110.00	90.00	179.50	252.7	-5590.02	-1194.86	6861.20	2125.20	5695.55	95.00	0.04	0.02	0.02

	12110.00	90.00	179.50	252.7	-5350.02	-1194.60	6861.20	2125.20	5663.33	95.00	0.04	-0.03	-0.02
	12205.00	90.18	179.72	252.7	-5685.02	-1194.22	6861.05	2125.05	5779.93	95.00	0.30	0.19	0.23
	12300.00	89.66	178.92	252.7	-5780.01	-1193.09	6861.18	2125.18	5874.26	95.00	1.00	-0.55	-0.84
	12394.00	89.63	179.49	252.7	-5874.00	-1191.79	6861.76	2125.76	5967.58	94.00	0.61	-0.03	0.61
	12489.00	89.91	179.11	252.7	-5968.99	-1190.63	6862.14	2126.14	6061.91	95.00	0.50	0.29	-0.40
	12583.00	90.00	179.24	250.0	-6062.98	-1189.27	6862.22	2126.22	6155.22	94.00	0.17	0.10	0.14
	12678.00	89.97	179.52	252.7	-6157.97	-1188.24	6862.24	2126.24	6249.56	95.00	0.30	-0.03	0.29
	12772.00	90.03	179.09	255.4	-6251.97	-1187.10	6862.24	2126.24	6342.89	94.00	0.46	0.06	-0.46
	12962.00	88.92	178.85	255.4	-6441.93	-1183.69	6863.98	2127.98	6531.41	190.00	0.60	-0.58	-0.13
	13056.00	89.69	178.76	255.4	-6535.90	-1181.73	6865.12	2129.12	6624.63	94.00	0.82	0.82	-0.10
	13151.00	89.85	179.29	255.4	-6630.88	-1180.11	6865.50	2129.50	6718.90	95.00	0.58	0.17	0.56
	13245.00	89.69	178.48	258.1	-6724.86	-1178.28	6865.88	2129.88	6812.15	94.00	0.88	-0.17	-0.86
	13340.00	89.69	179.21	258.1	-6819.84	-1176.37	6866.40	2130.40	6906.39	95.00	0.77	0.00	0.77
	13435.00	90.12	178.59	258.1	-6914.82	-1174.54	6866.55	2130.55	7000.63	95.00	0.79	0.45	-0.65
	13529.00	90.49	178.76	258.1	-7008.80	-1172.37	6866.05	2130.05	7093.84	94.00	0.43	0.39	0.18
	13623.00	90.03	178.84	258.1	-7102.77	-1170.40	6865.63	2129.63	7187.07	94.00	0.50	-0.49	0.09
	13718.00	89.72	178.58	258.1	-7197.75	-1168.26	6865.83	2129.83	7281.28	95.00	0.43	-0.33	-0.27
	13812.00	89.75	178.45	260.8	-7291.72	-1165.83	6866.27	2130.27	7374.45	94.00	0.14	0.03	-0.14
	13907.00	90.46	179.49	260.8	-7386.70	-1164.12	6866.09	2130.09	7468.71	95.00	1.33	0.75	1.09
	14001.00	89.91	178.58	260.8	-7480.69	-1162.54	6865.79	2129.79	7561.99	94.00	1.13	-0.59	-0.97
	14096.00	90.03	178.43	263.5	-7575.65	-1160.06	6865.84	2129.84	7656.15	95.00	0.20	0.13	-0.16
	14191.00	90.03	178.39	263.5	-7670.62	-1157.42	6865.79	2129.79	7750.29	95.00	0.04	-0.00	-0.04
	14285.00	90.00	178.38	263.5	-7764.58	-1154.77	6865.77	2129.77	7843.44	94.00	0.03	-0.03	-0.01
	14380.00	89.78	178.71	263.5	-7859.55	-1152.36	6865.95	2129.95	7937.61	95.00	0.42	-0.23	0.35
	14474.00	90.18	177.98	266.2	-7953.51	-1149.65	6865.98	2129.98	8030.74	94.00	0.89	0.43	-0.78
	14569.00	90.09	178.67	263.5	-8048.47	-1146.87	6865.76	2129.76	8124.87	95.00	0.73	-0.09	0.73
	14663.00	90.52	178.00	266.2	-8142.42	-1144.14	6865.26	2129.26	8218.00	94.00	0.85	0.46	-0.71
	14758.00	89.97	177.90	266.2	-8237.36	-1140.74	6864.85	2128.85	8312.03	95.00	0.59	-0.58	-0.11
	14852.00	90.09	177.81	266.2	-8331.30	-1137.22	6864.80	2128.80	8405.06	94.00	0.16	0.13	-0.10
	14947.00	89.94	177.74	266.2	-8426.22	-1133.53	6864.78	2128.78	8499.05	95.00	0.17	-0.16	-0.07
	15041.00	89.82	177.98	269.0	-8520.16	-1130.02	6864.97	2128.97	8592.07	94.00	0.29	-0.13	0.26
	15136.00	89.75	179.71	266.2	-8615.14	-1128.11	6865.33	2129.33	8686.30	95.00	1.82	-0.07	1.82
	15230.00	90.06	180.10	269.0	-8709.13	-1127.95	6865.49	2129.49	8779.75	94.00	0.53	0.33	0.41
	15325.00	90.09	179.10	269.0	-8804.13	-1127.29	6865.36	2129.36	8874.14	95.00	1.05	0.03	-1.05
	15419.00	90.28	179.85	271.7	-8898.13	-1126.43	6865.06	2129.06	8967.50	94.00	0.82	0.20	0.80
	15514.00	90.03	180.08	269.0	-8993.13	-1126.37	6864.80	2128.80	9061.96	95.00	0.36	-0.26	0.24
	15609.00	89.91	179.82	269.0	-9088.13	-1126.29	6864.85	2128.85	9156.41	95.00	0.30	-0.13	-0.27
	15703.00	89.75	179.50	269.0	-9182.12	-1125.73	6865.13	2129.13	9249.81	94.00	0.38	-0.17	-0.34
	15798.00	90.62	179.91	269.0	-9277.12	-1125.24	6864.82	2128.82	9344.21	95.00	1.01	0.92	0.43
	15892.00	88.86	179.00	269.0	-9371.11	-1124.35	6865.25	2129.25	9437.57	94.00	2.11	-1.87	-0.97
	15987.00	89.29	179.02	271.7	-9466.08	-1122.70	6866.78	2130.78	9531.83	95.00	0.45	0.45	0.02
	16082.00	89.08	179.11	271.7	-9561.06	-1121.15	6868.13	2132.13	9626.10	95.00	0.24	-0.22	0.09
	16176.00	90.09	180.08	271.7	-9655.05	-1120.49	6868.82	2132.82	9719.48	94.00	1.49	1.07	1.03
	16271.00	89.60	179.54	271.7	-9750.05	-1120.18	6869.07	2133.07	9813.91	95.00	0.77	-0.52	-0.57
	16365.00	89.54	179.16	271.7	-9844.04	-1119.11	6869.78	2133.78	9907.25	94.00	0.41	-0.06	-0.40
	16460.00	88.89	179.04	269.0	-9939.02	-1117.62	6871.08	2135.08	10001.53	95.00	0.70	-0.68	-0.13
	16554.00	89.23	179.62	271.7	-10033.00	-1116.52	6872.62	2136.62	10094.86	94.00	0.72	0.36	0.62
	16648.00	90.00	179.87	271.7	-10127.00	-1116.10	6873.25	2137.25	10188.27	94.00	0.86	0.82	0.27
	16743.00	89.75	179.49	271.7	-10222.00	-1115.57	6873.46	2137.46	10282.67	95.00	0.48	-0.26	-0.40
	16838.00	89.38	179.54	271.7	-10316.99	-1114.76	6874.18	2138.18	10377.04	95.00	0.39	-0.39	0.05
	16932.00	89.29	179.39	271.7	-10410.98	-1113.89	6875.27	2139.27	10470.40	94.00	0.19	-0.10	-0.16
	17021.00	89.32	179.33	274.4	-10499.97	-1112.89	6876.35	2140.35	10558.77	89.00	0.08	0.03	-0.07
Projection	17045.00	89.32	179.33	N/A	-10523.97	-1112.61	6876.64	2140.64	10582.60	24.00	0.00	-0.01	-0.00