

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+ (%)
2019-11-13 15:07	1	1940.00	Oil Based Mud	9.2	10	N/A	19.5	76.8/23.2	Active Pit	30000	0.00
2019-11-15 09:14	1	7926.00	Oil Based Mud	9.3	12	N/A	18.5	76.7/23.3	Active Pit	32200	0.00
2019-11-16 06:00	1	16200.00	Oil Based Mud	9.5	16	N/A	17.0	76.8/23.2	Active Pit	30000	0.00

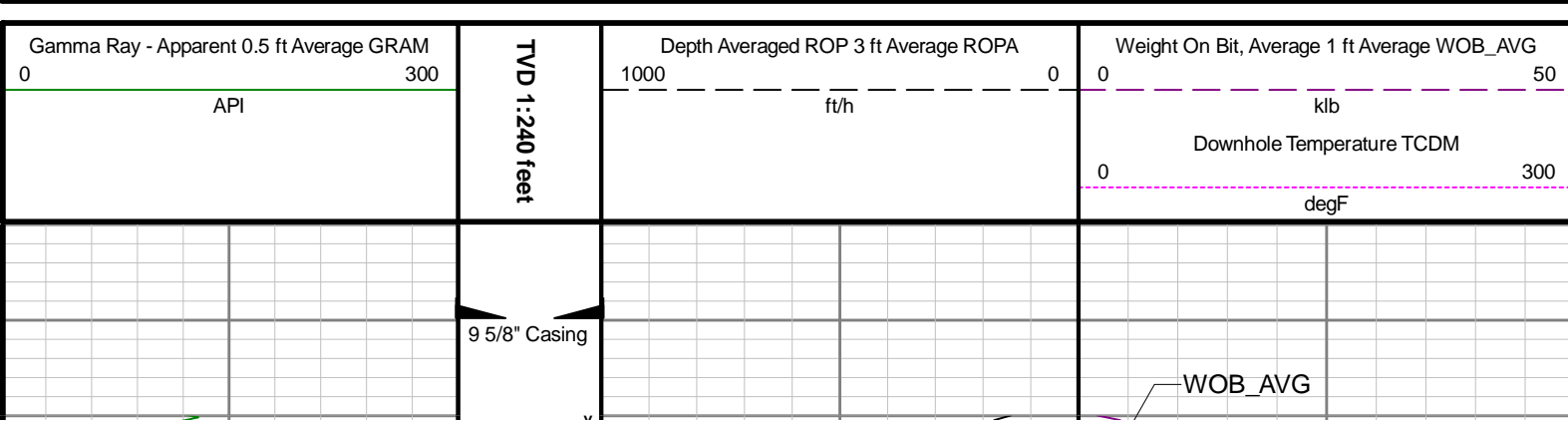
Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	AutoTrak Curve Steering Unit	14316022	Near Bit VSS	5.93	6.78	7.000	4.330
1	AutoTrak Curve Steering Unit	14316022	Near Bit Inclination	5.93	6.78	7.000	4.330
1	AutoTrak Curve MWD	14371880	Gamma (single)	2.77	12.95	6.938	3.250
1	AutoTrak Curve MWD	14371880	Directional (mag)	12.27	22.45	6.938	3.250

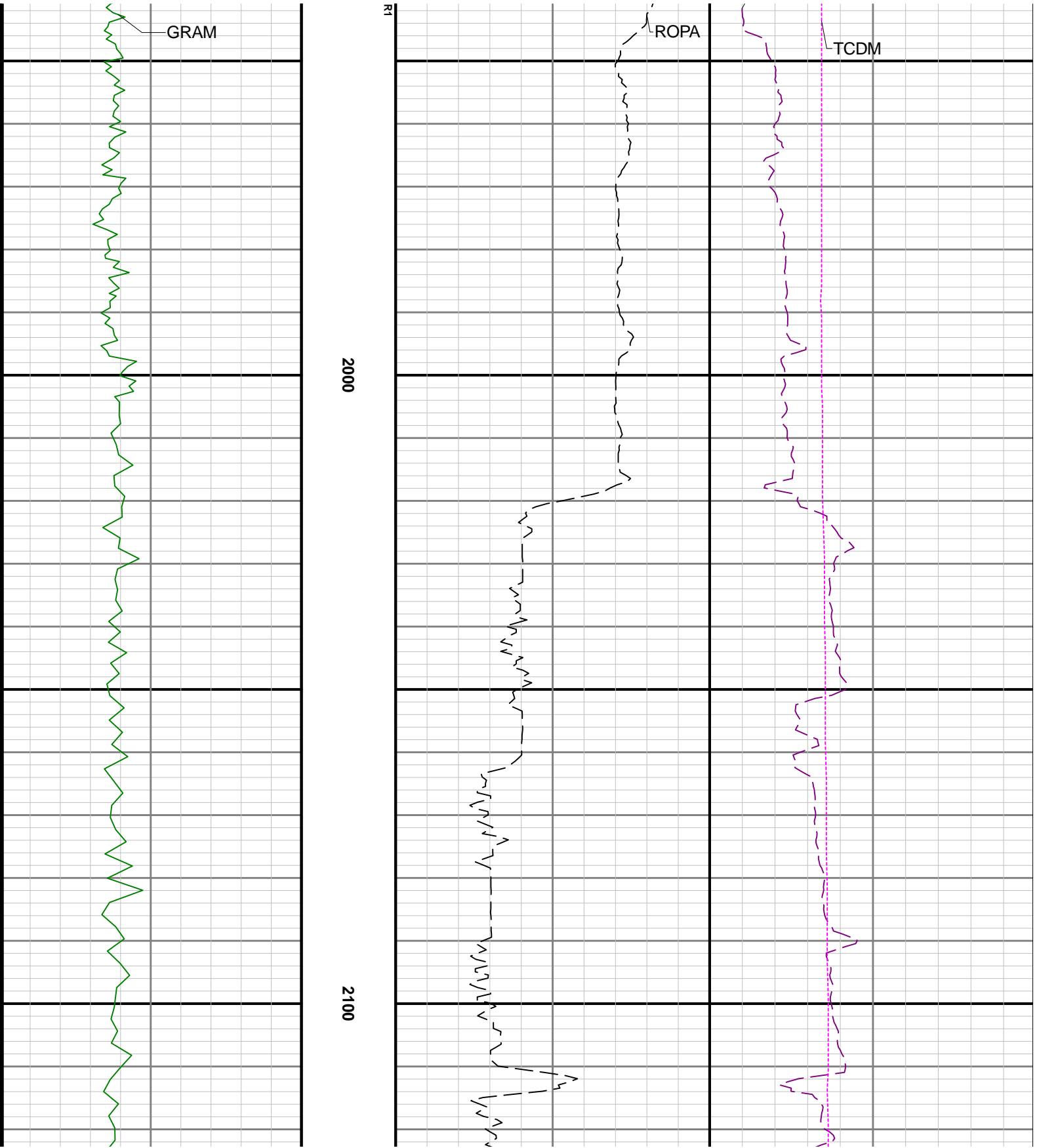
Mnemonic	Name	Description
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM

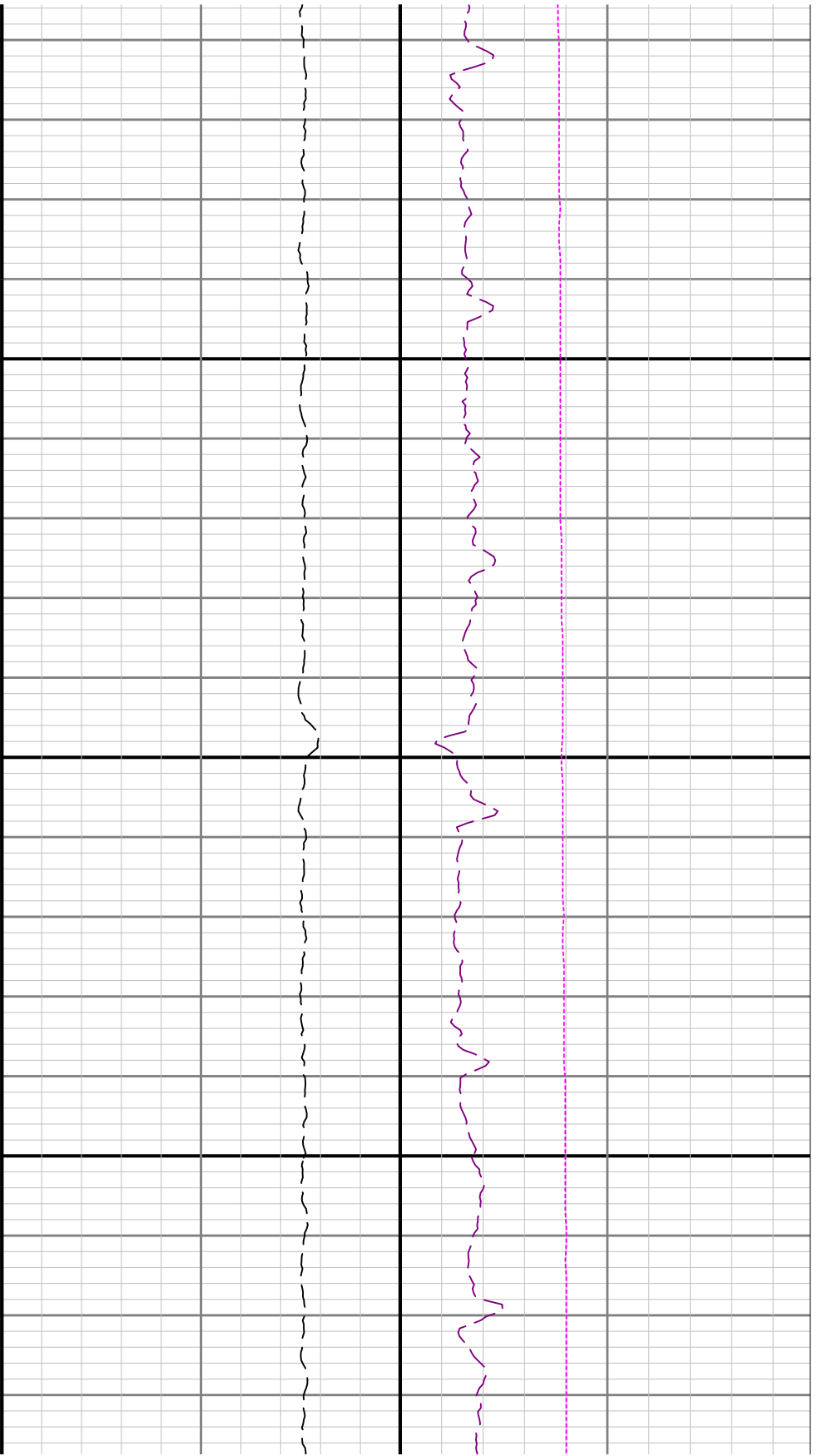
- 1 Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
- 2 Baker Hughes LWD Run 1 utilized 6 ¾ inch NaviGamma service (Gamma Ray and Directional) behind an 8 1/2 inch bit and rotary steerable assembly from 1940 to 16659 feet MD (1940 to 6702 feet TVD).
- 3 The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request.

Number	Depth (ft)	Hole Section (in)	Run No.	Remark
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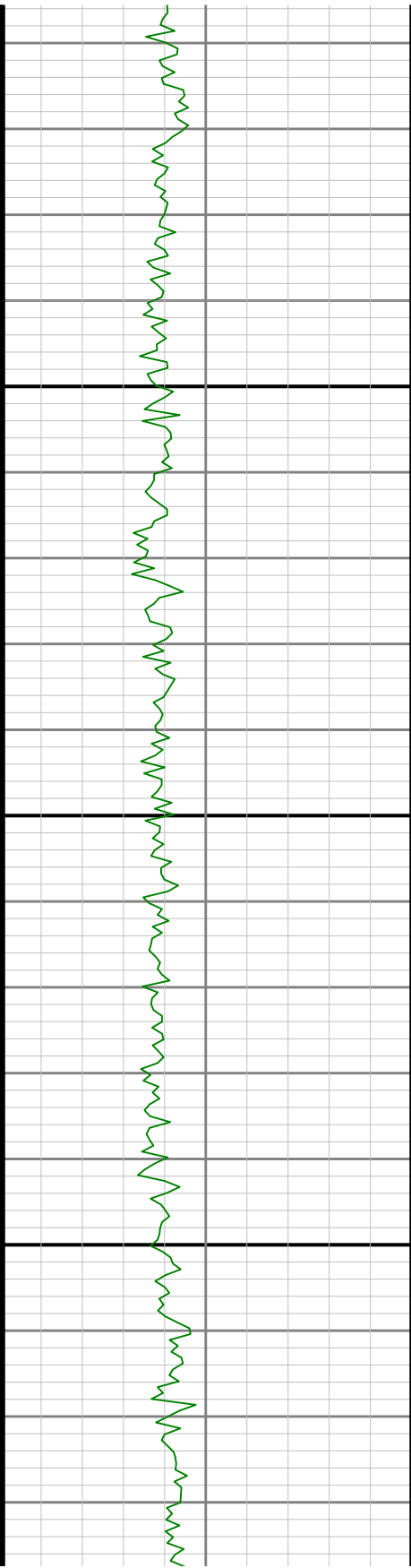
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOB_AVG	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
TCDM	Directional Real-Time Survey Temperature	degF

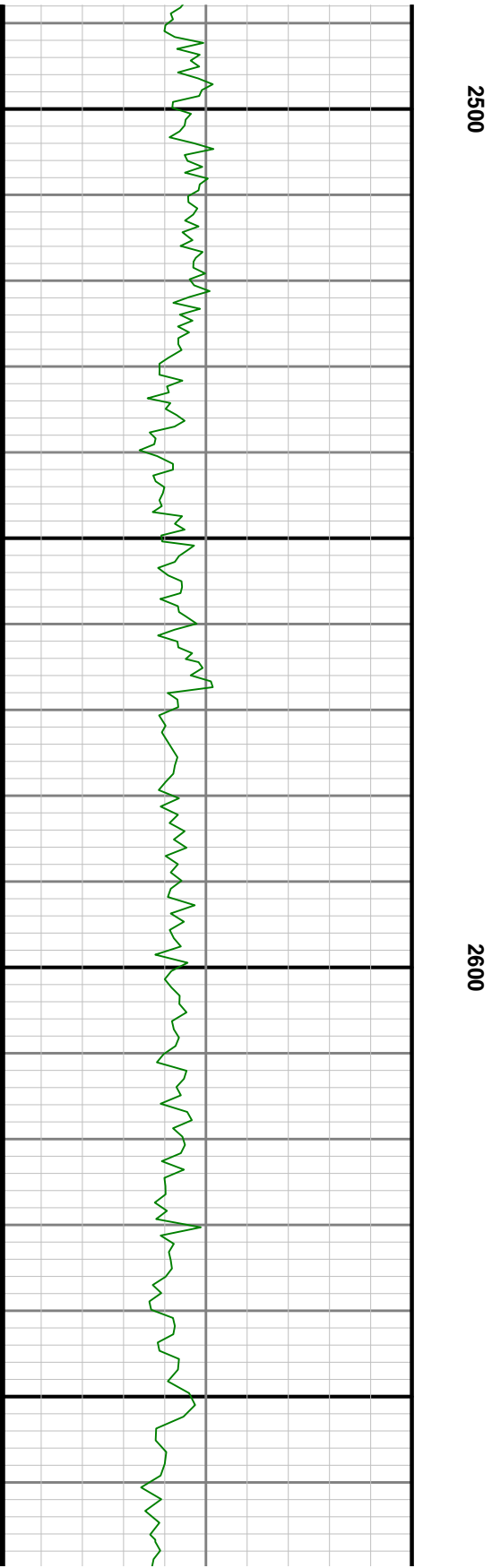
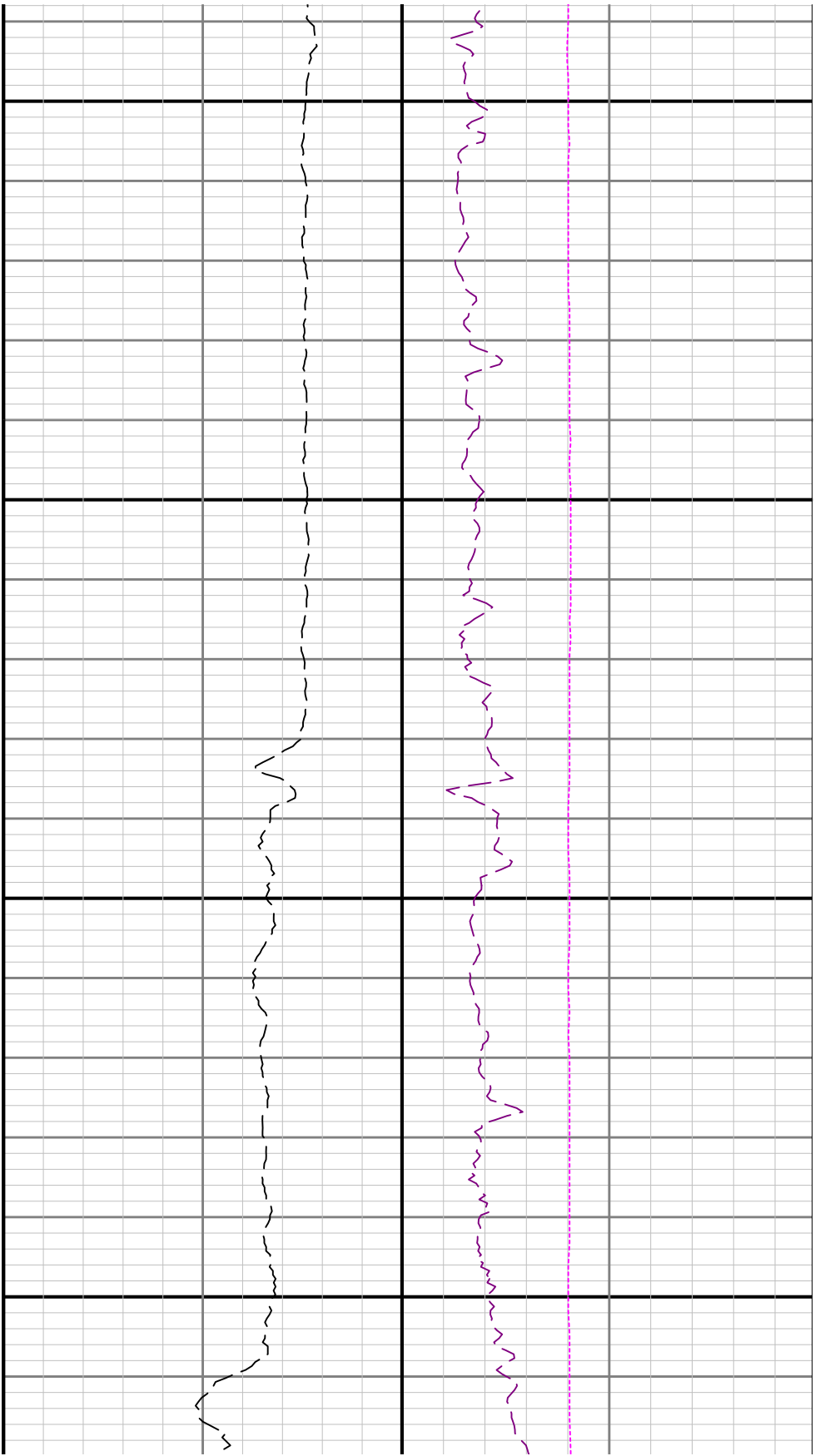


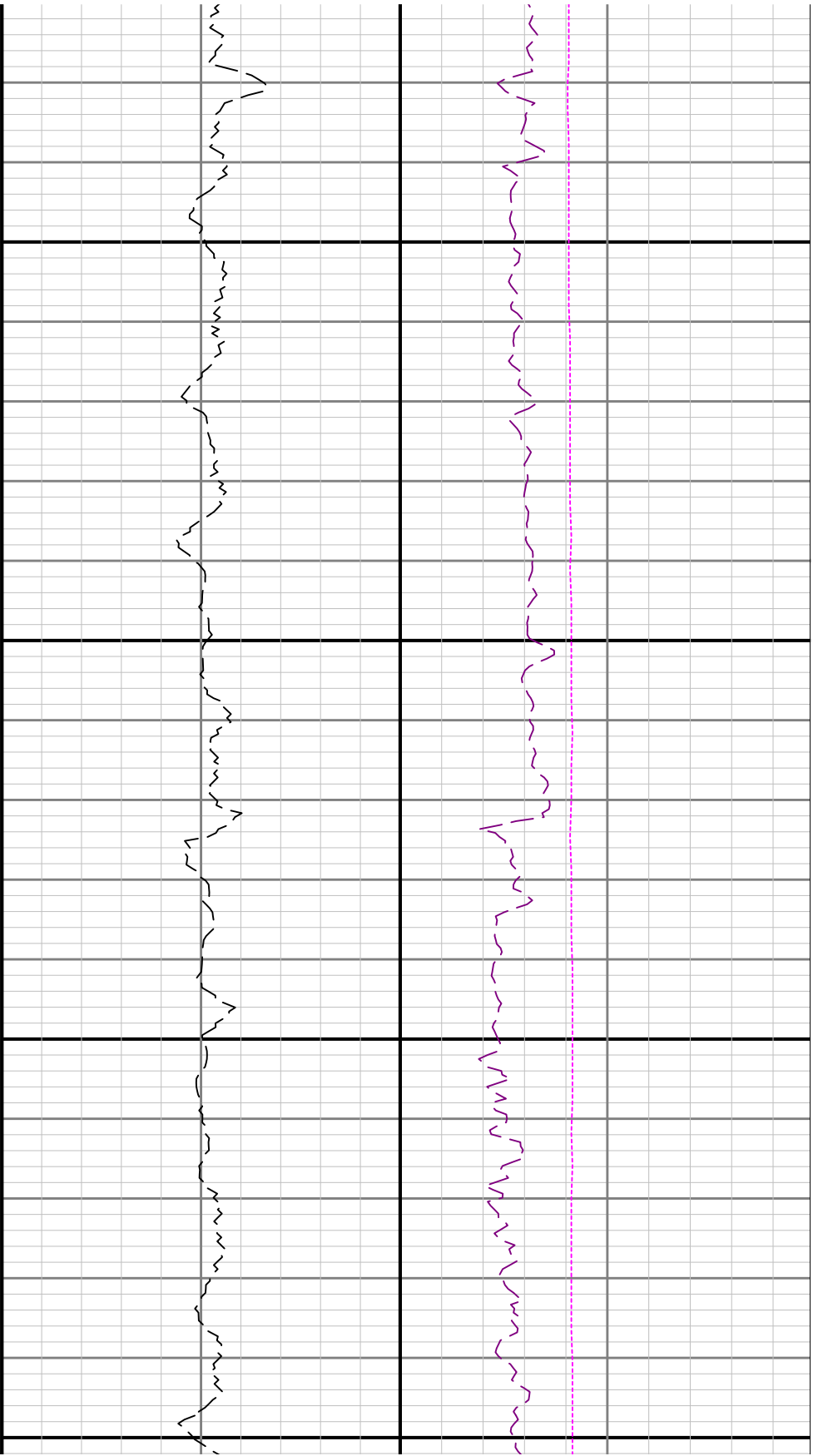




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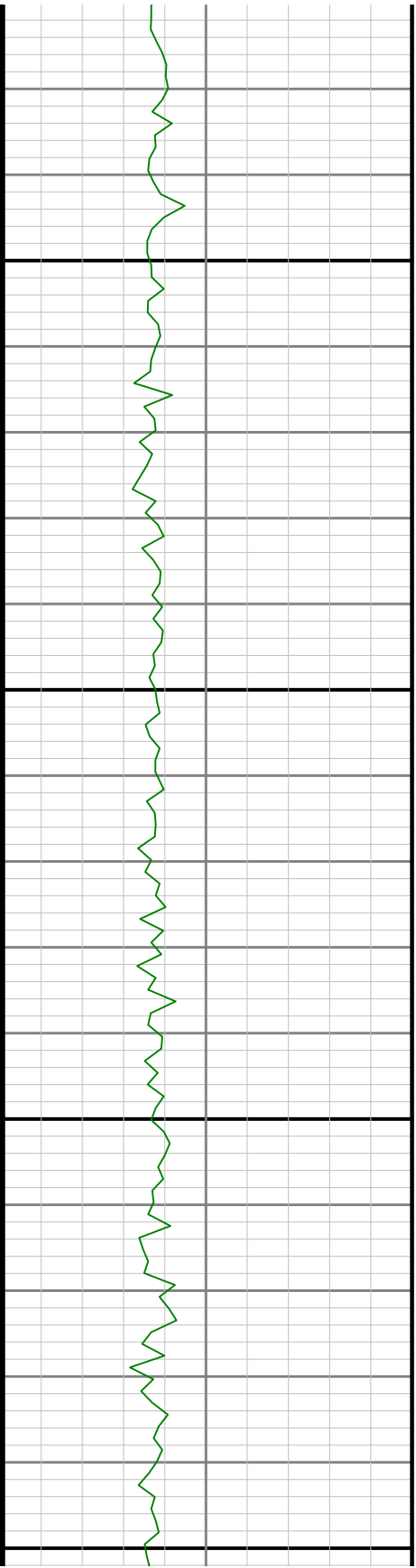






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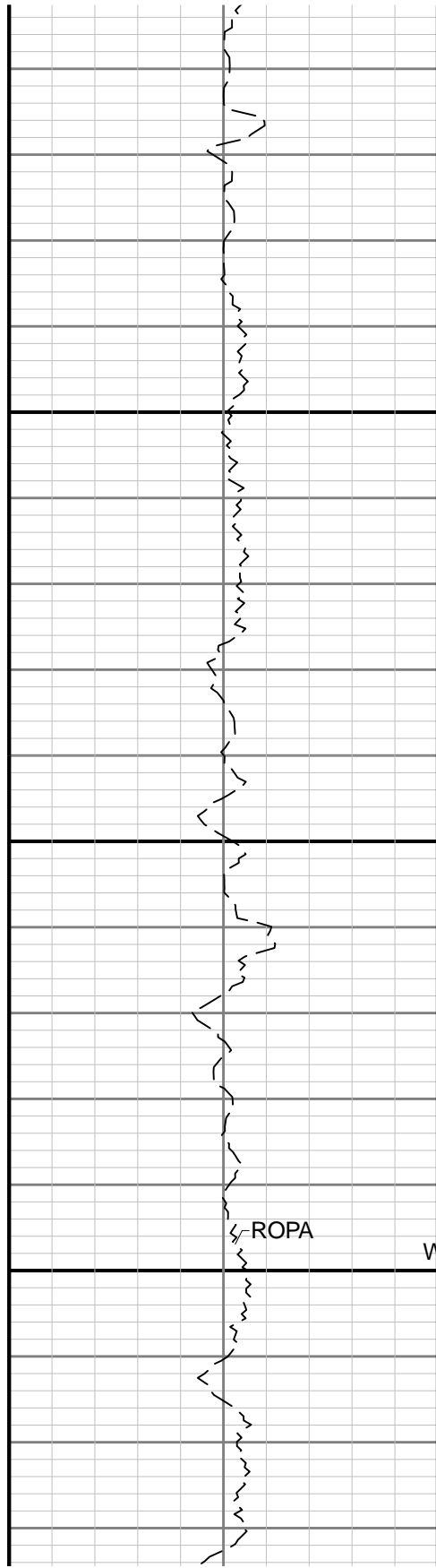
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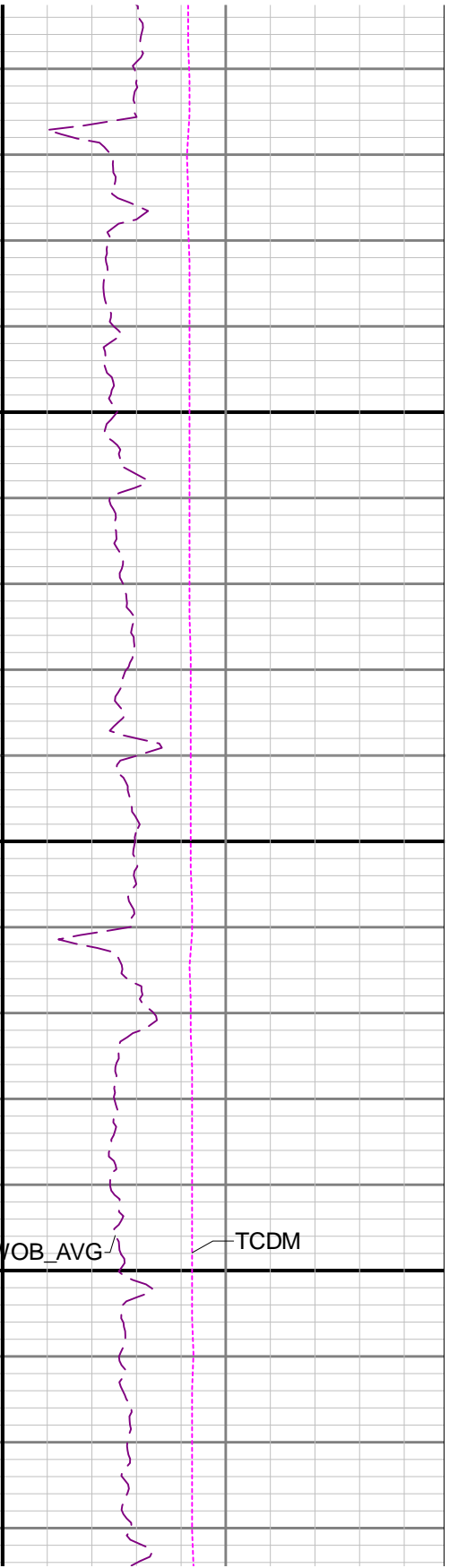


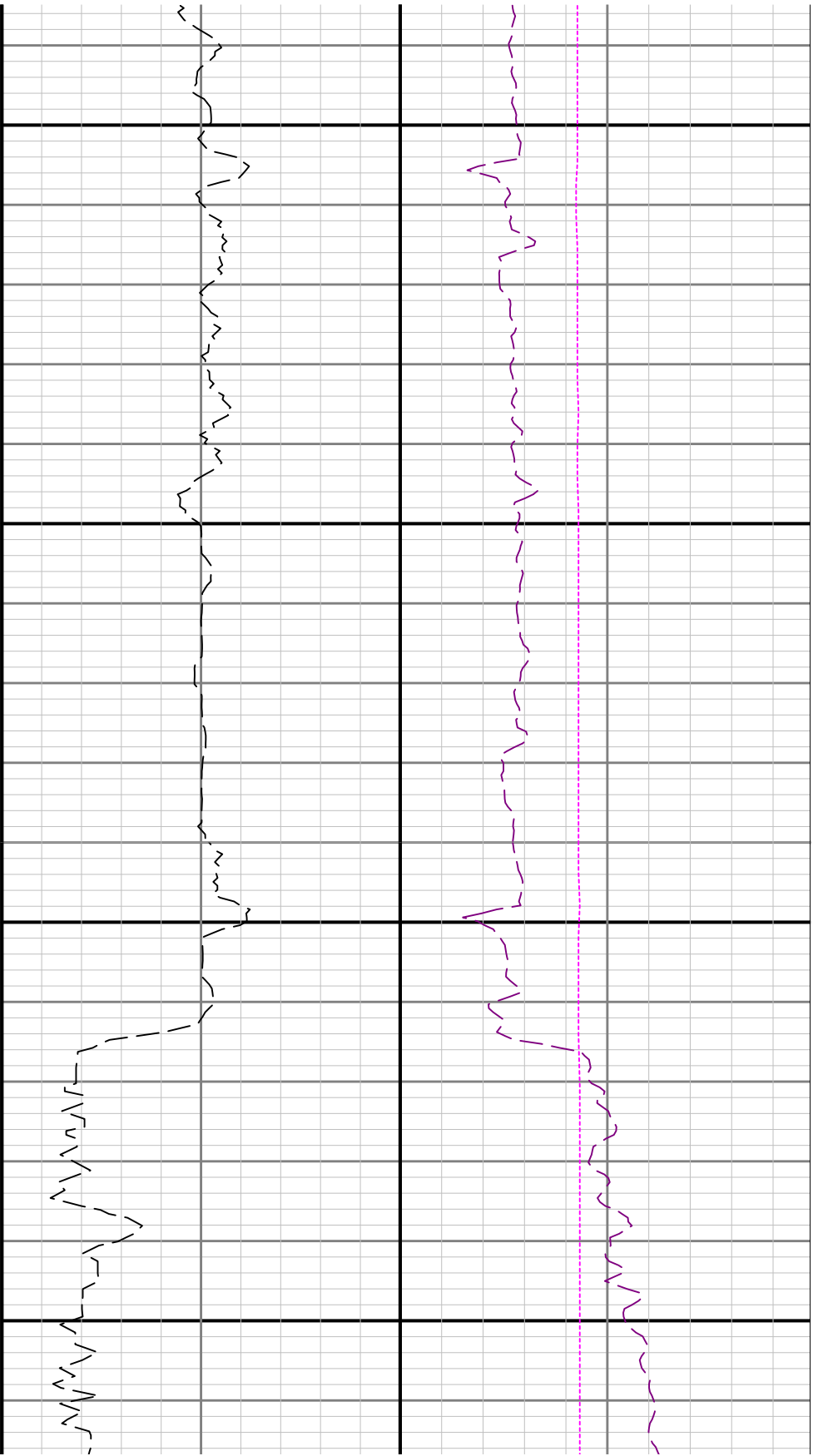
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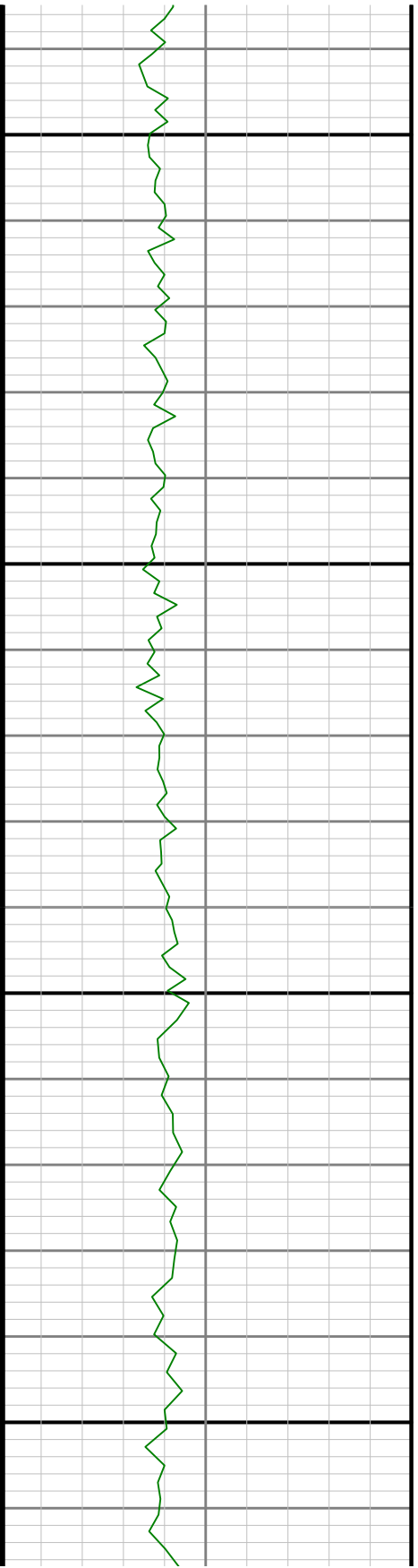
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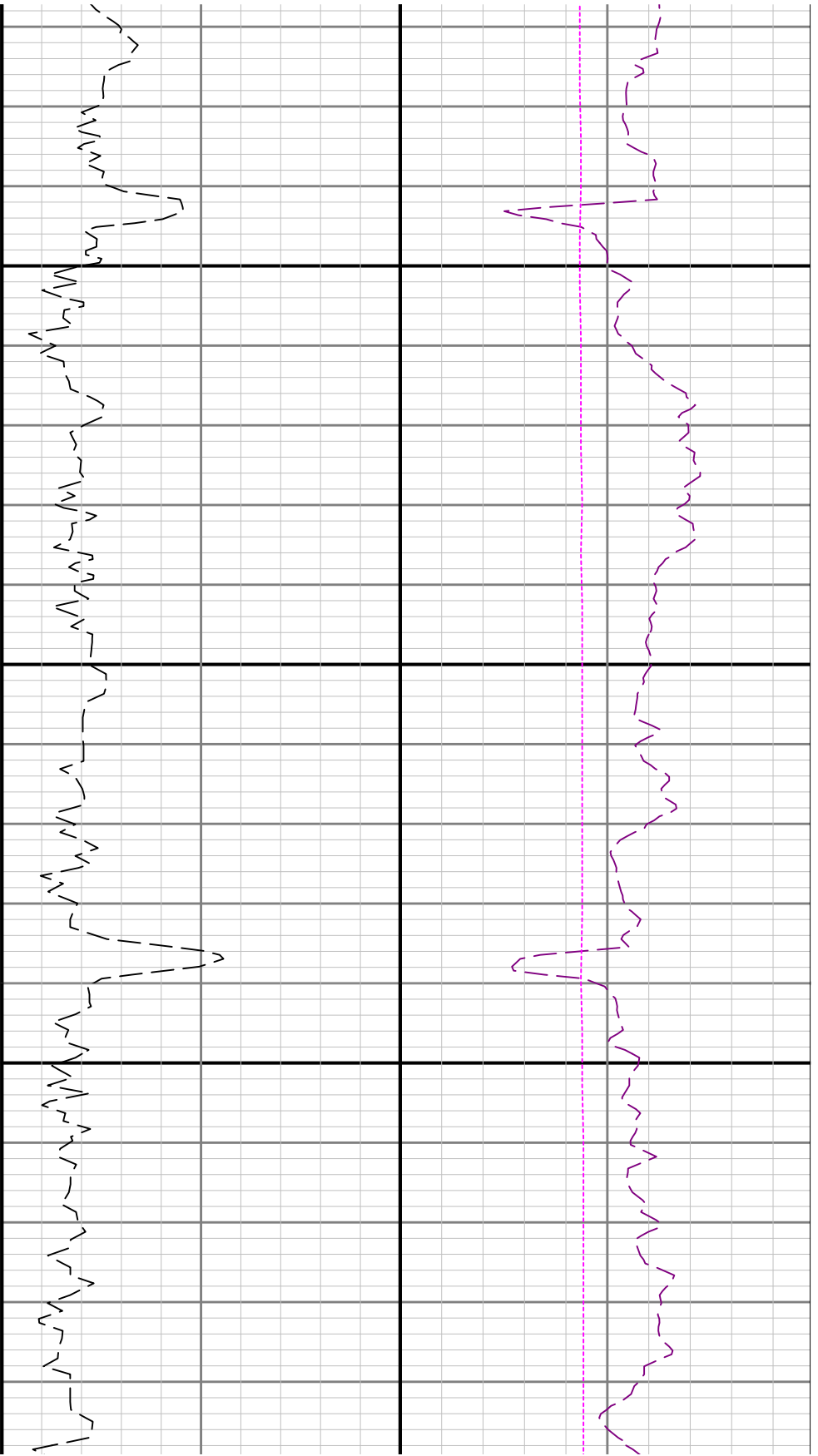




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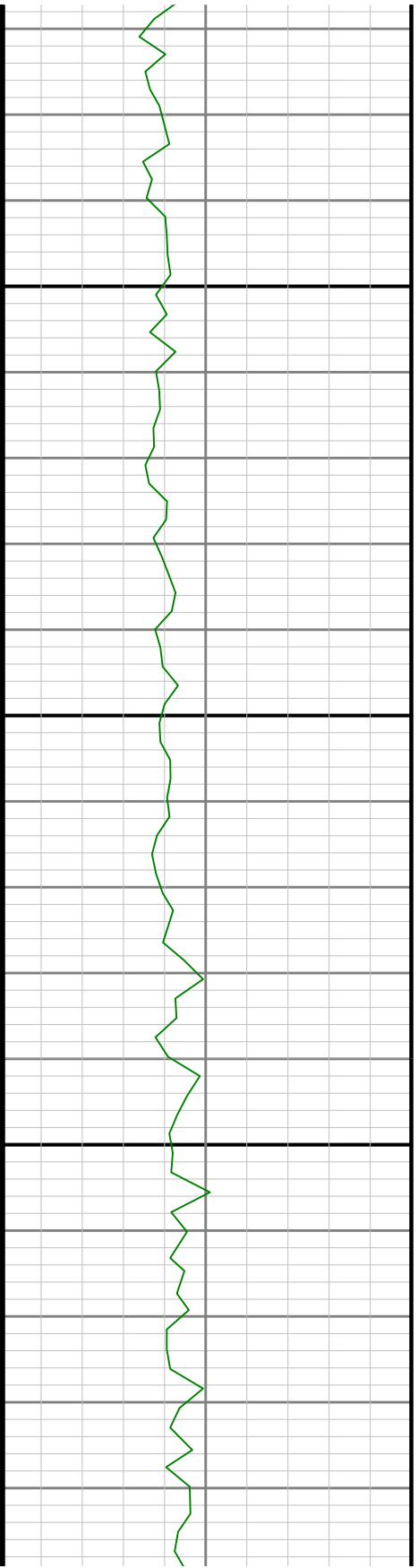
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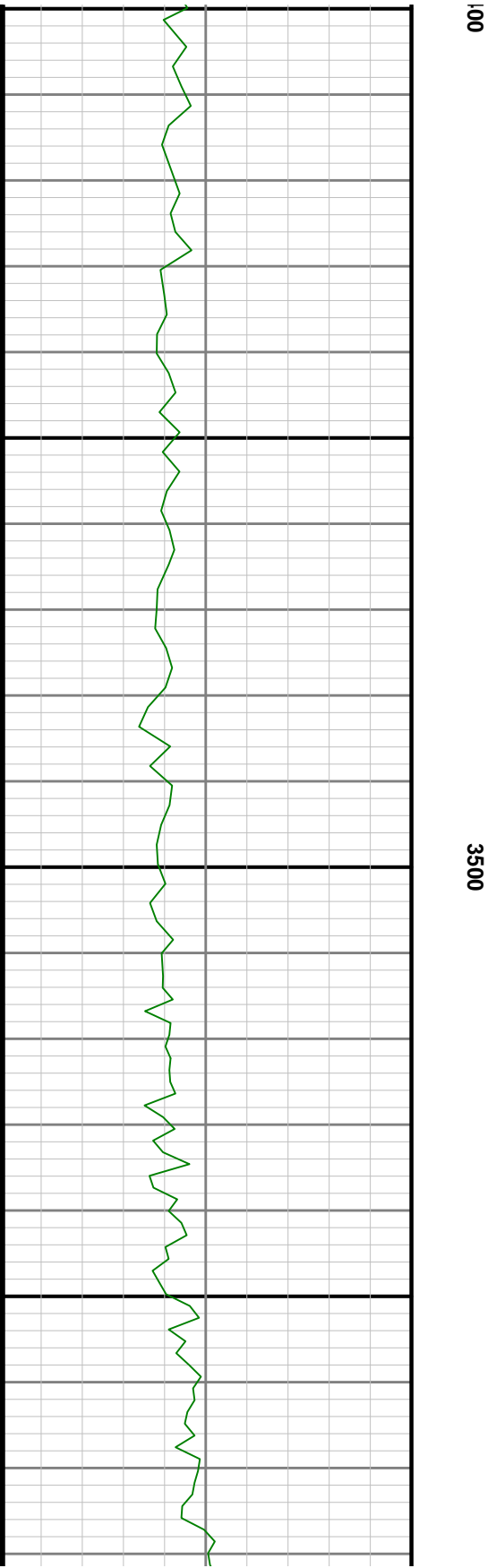
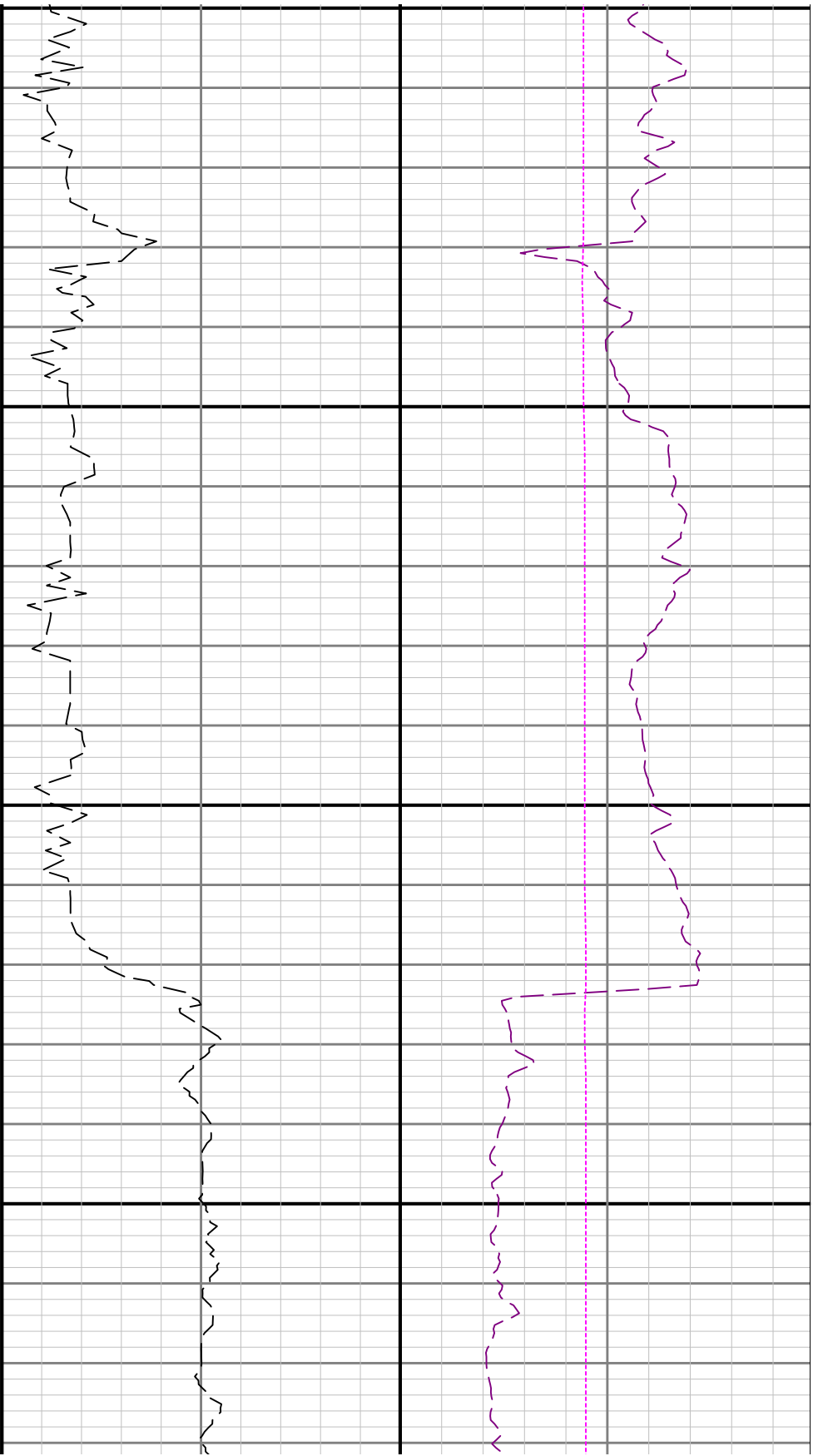


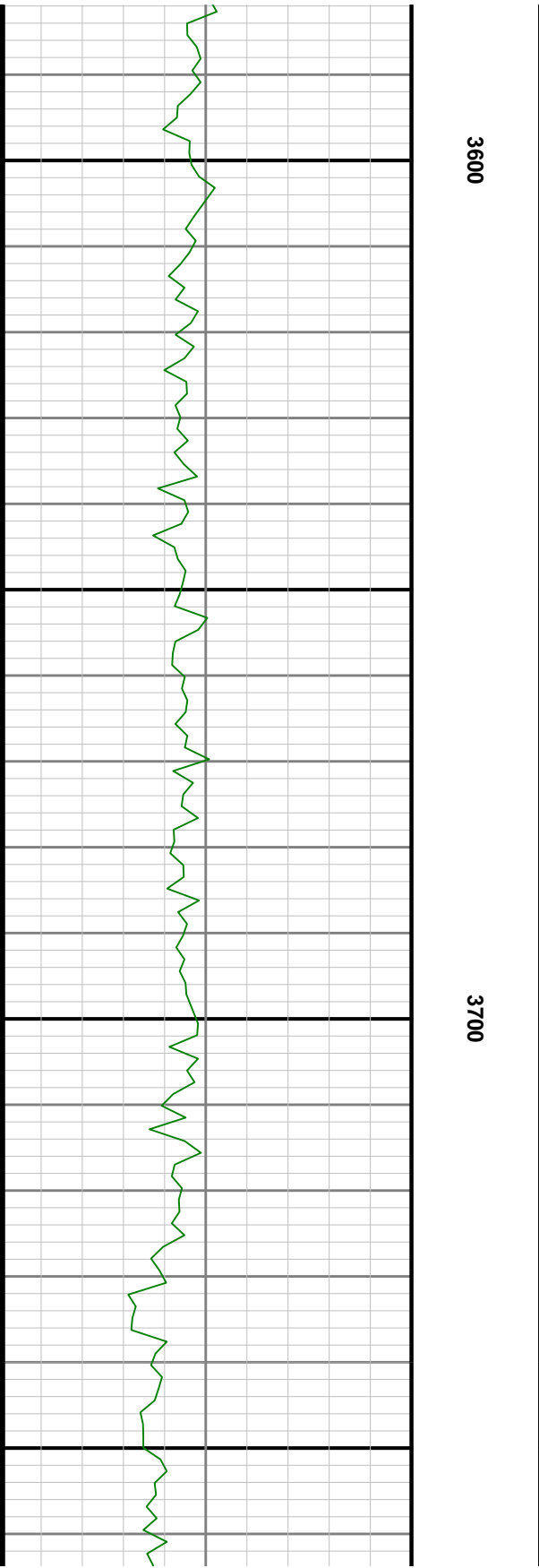
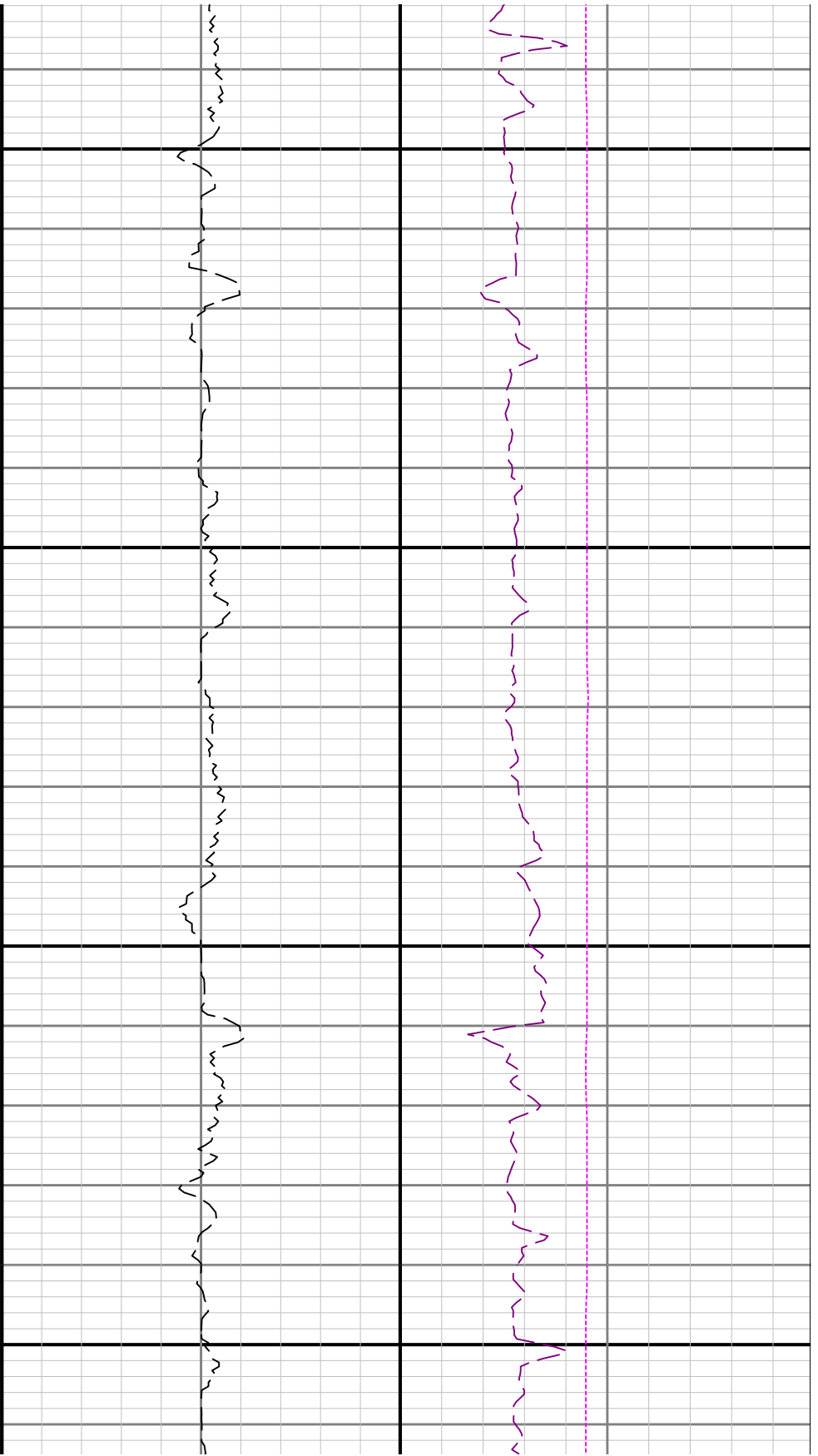


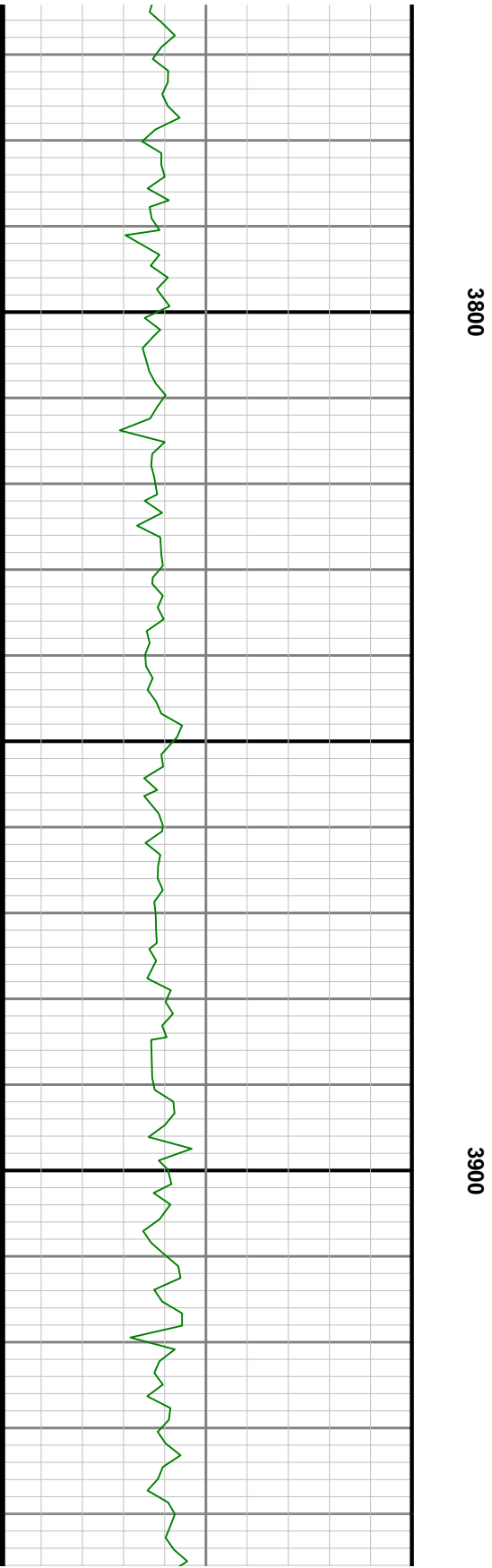
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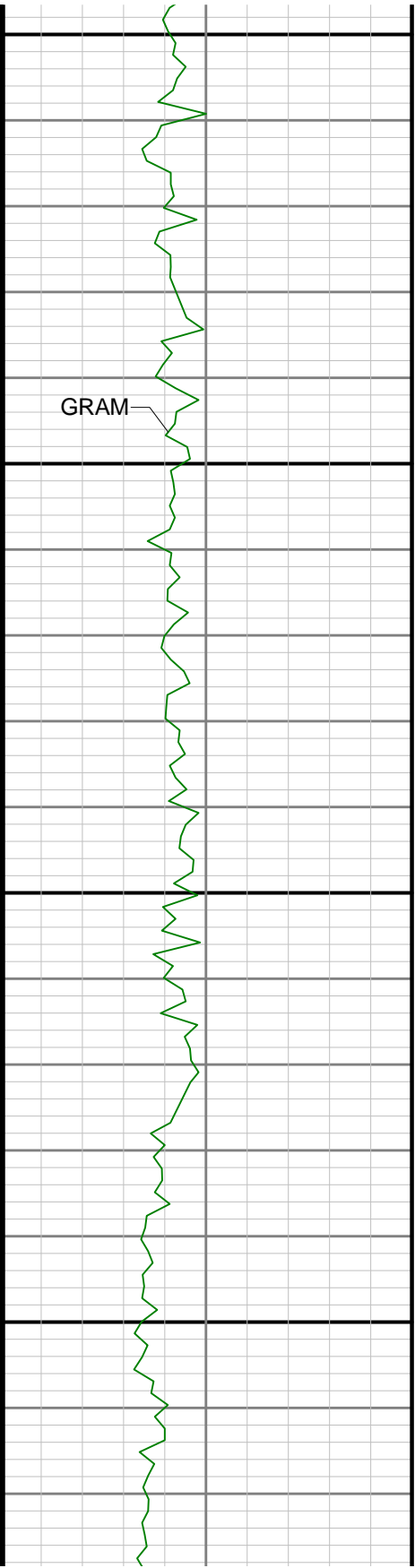
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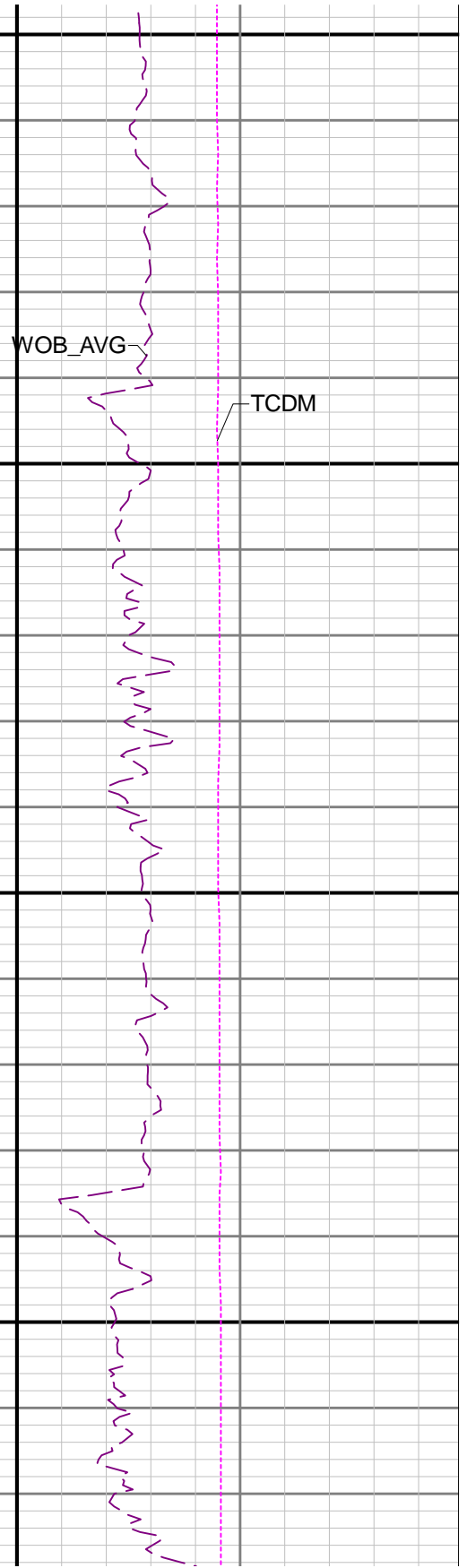
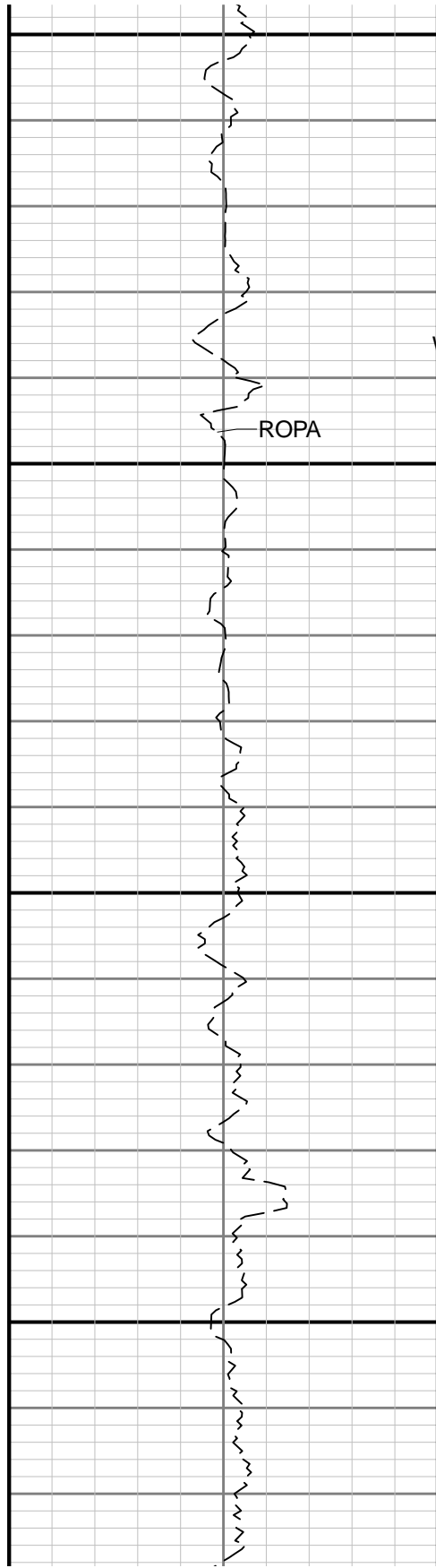


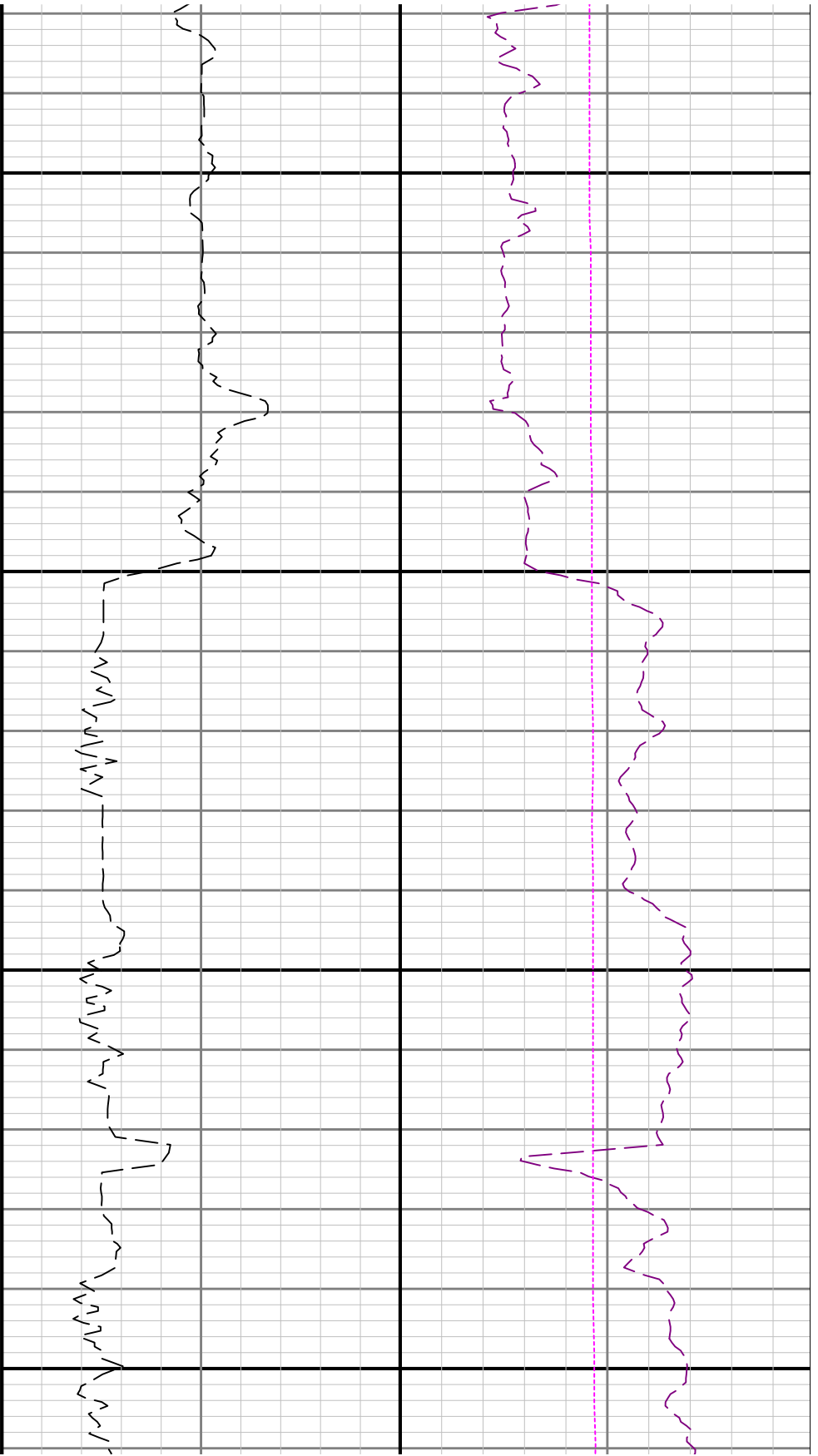




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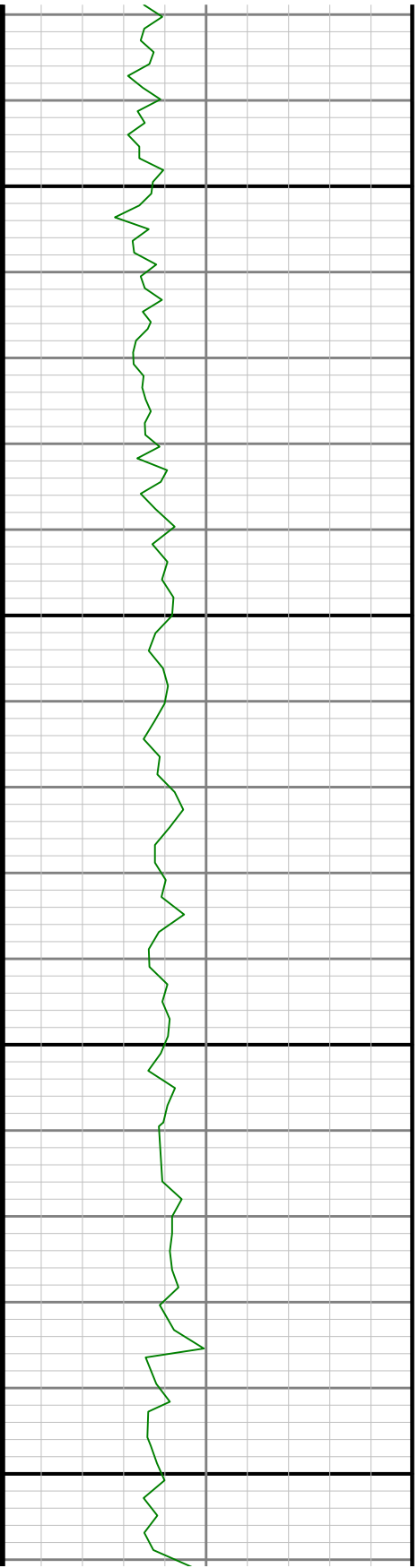
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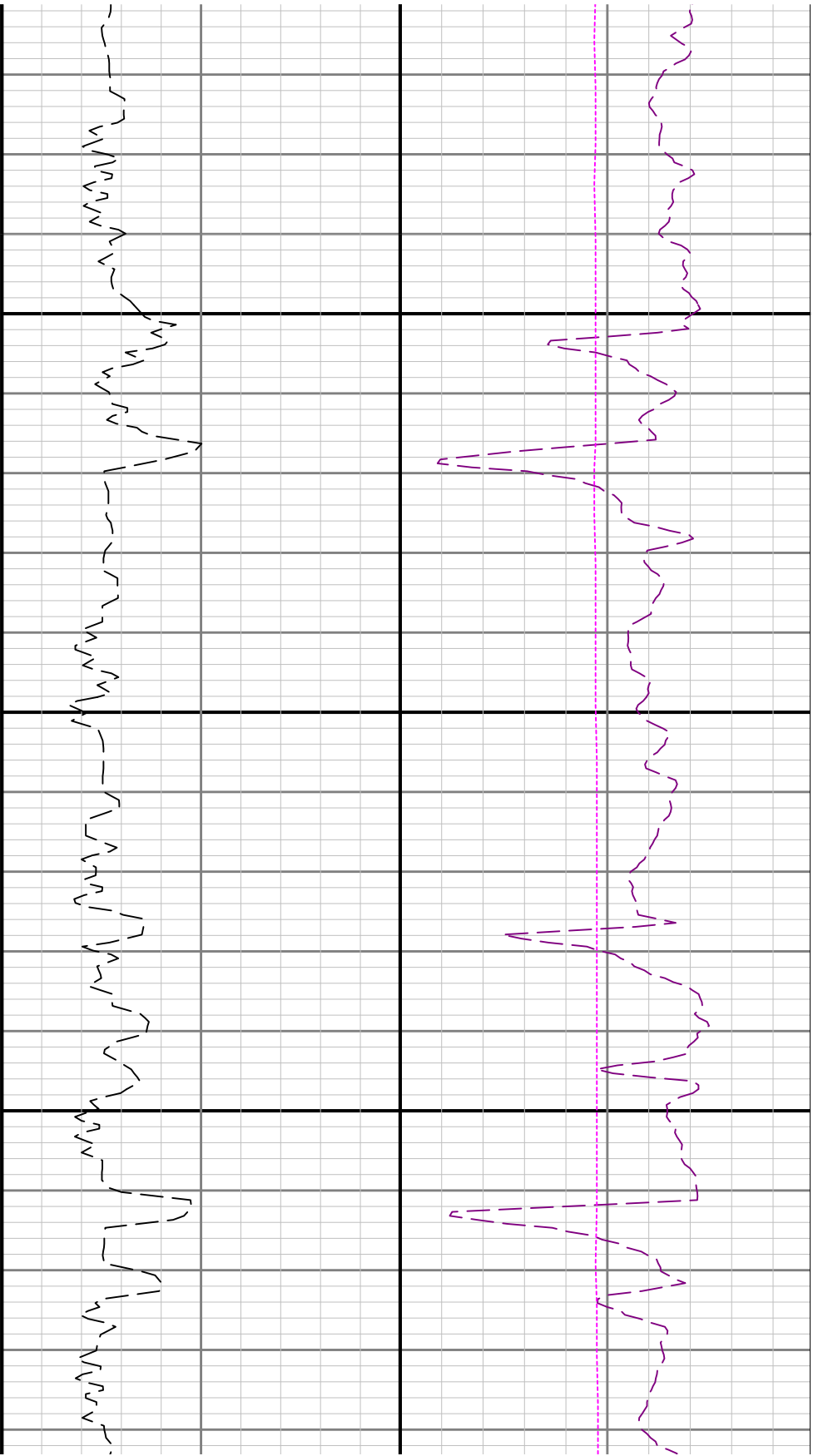




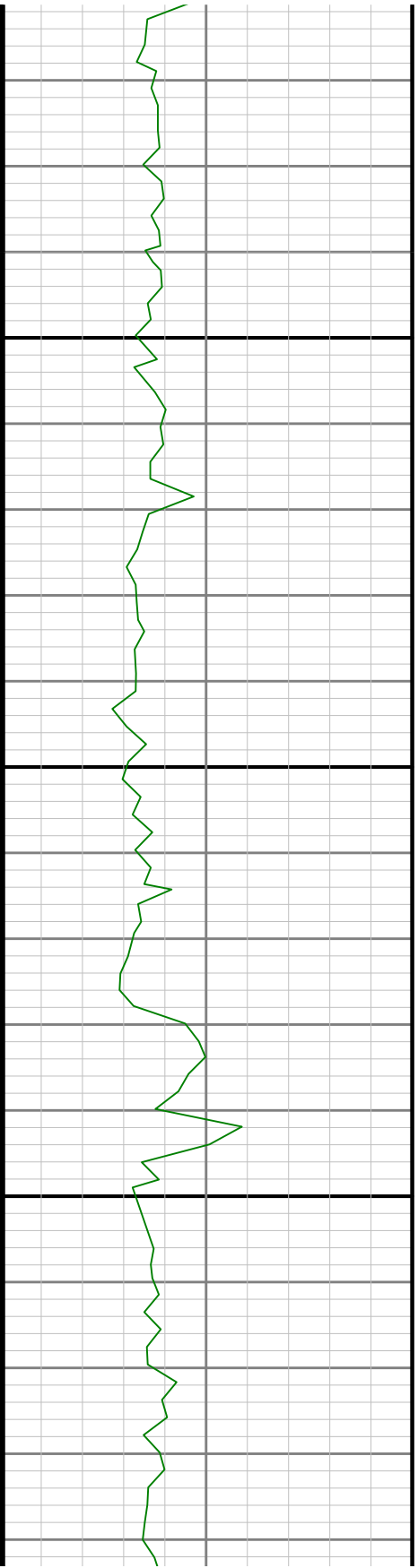
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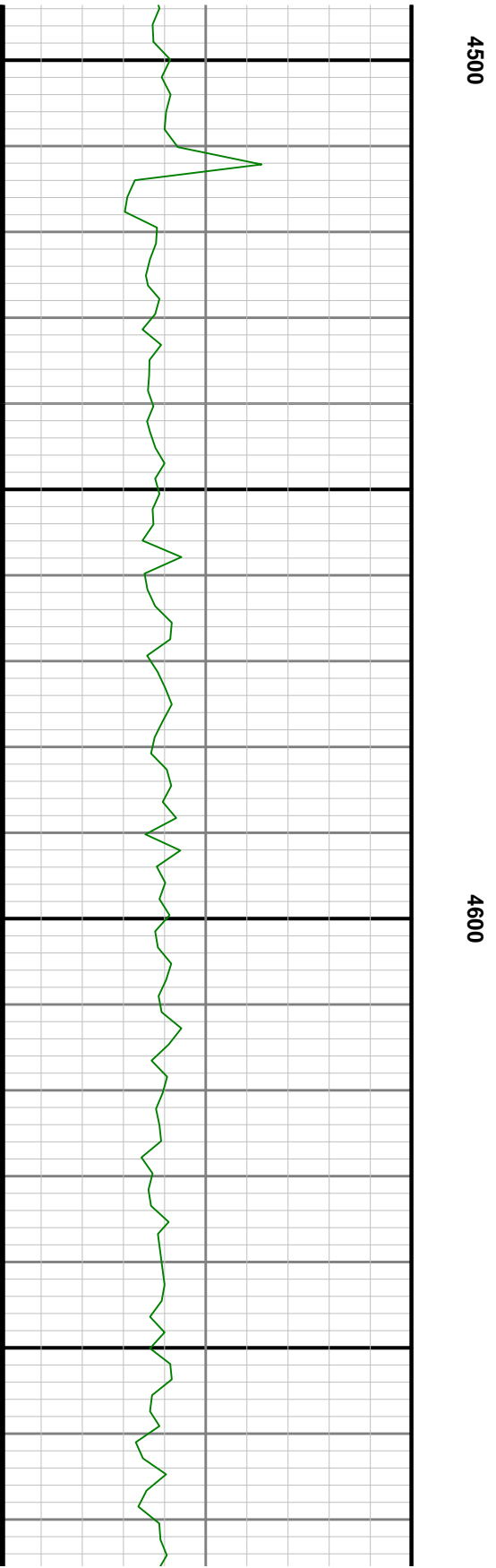
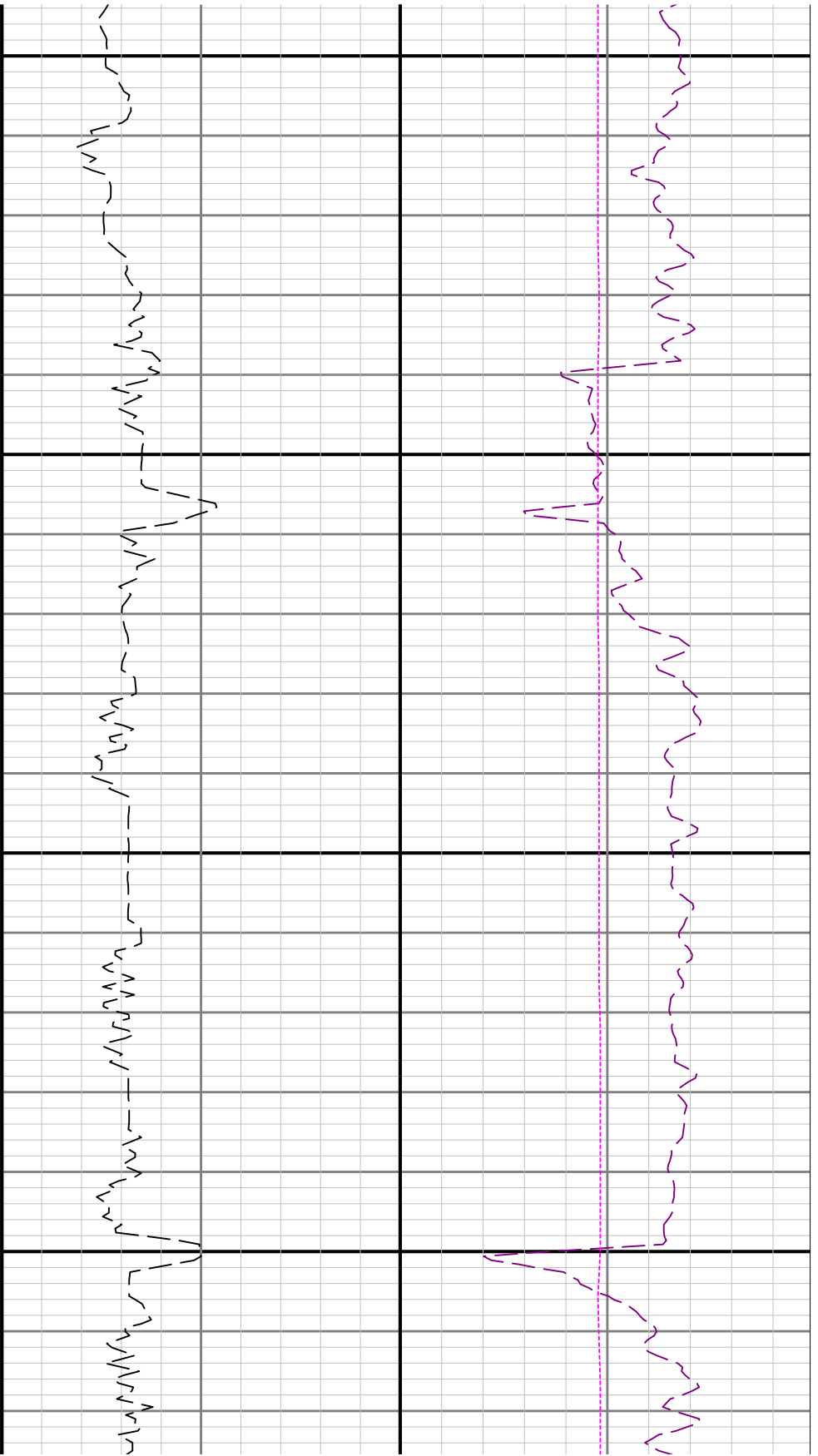
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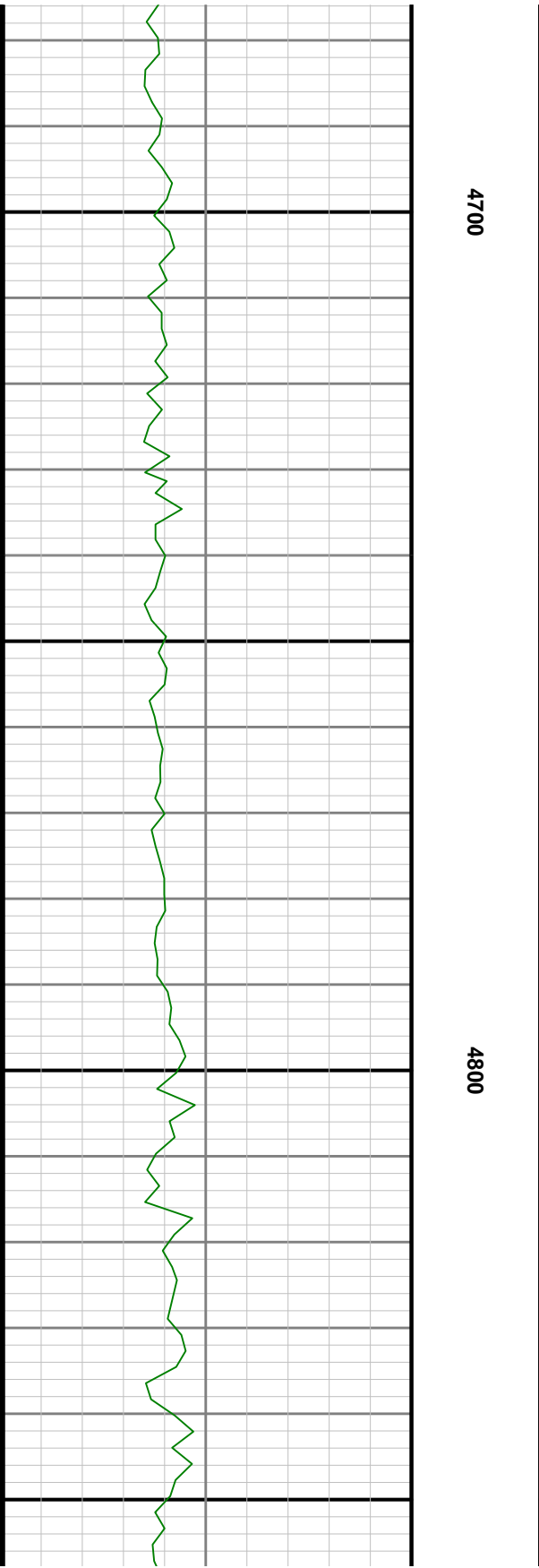
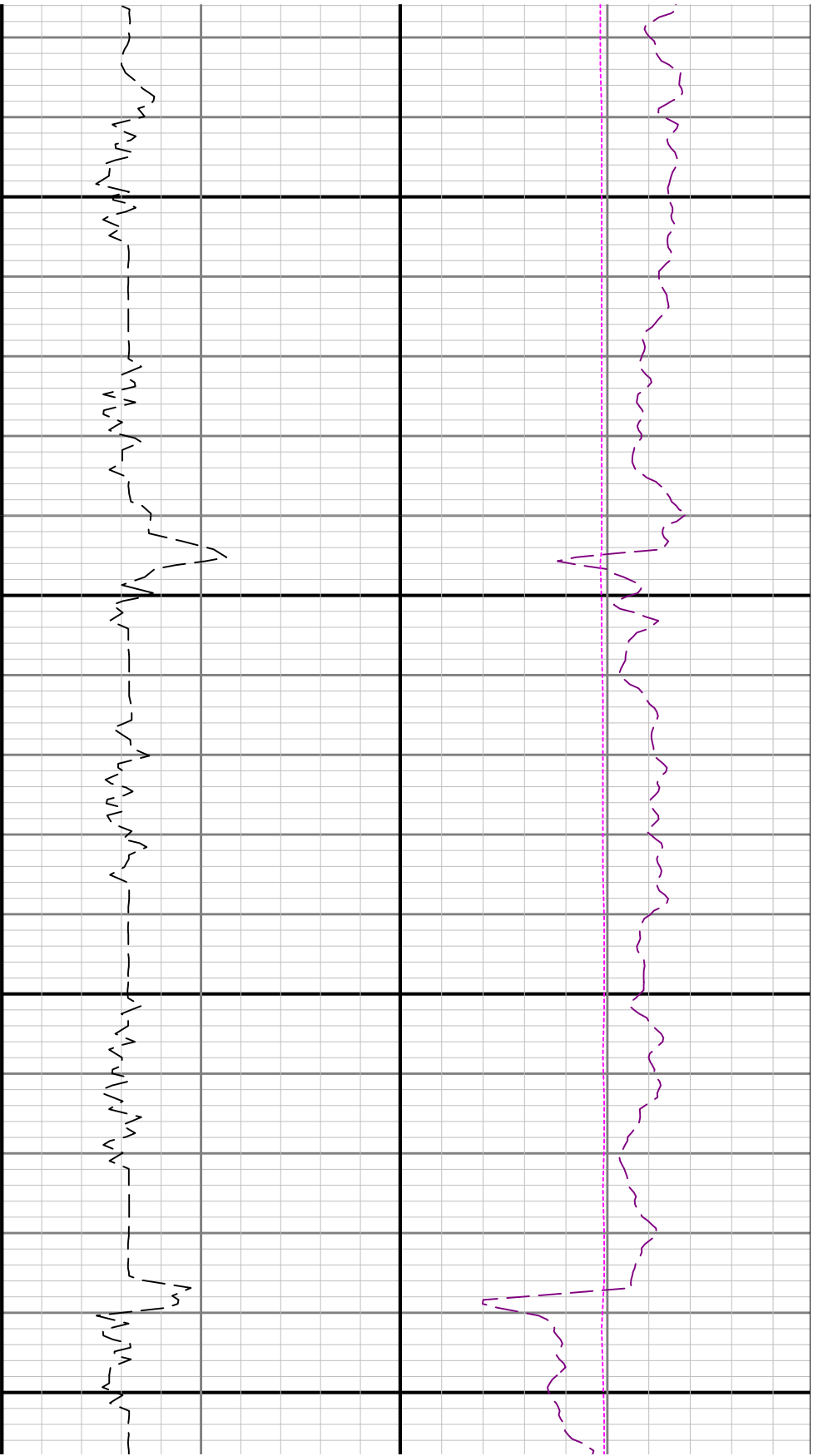


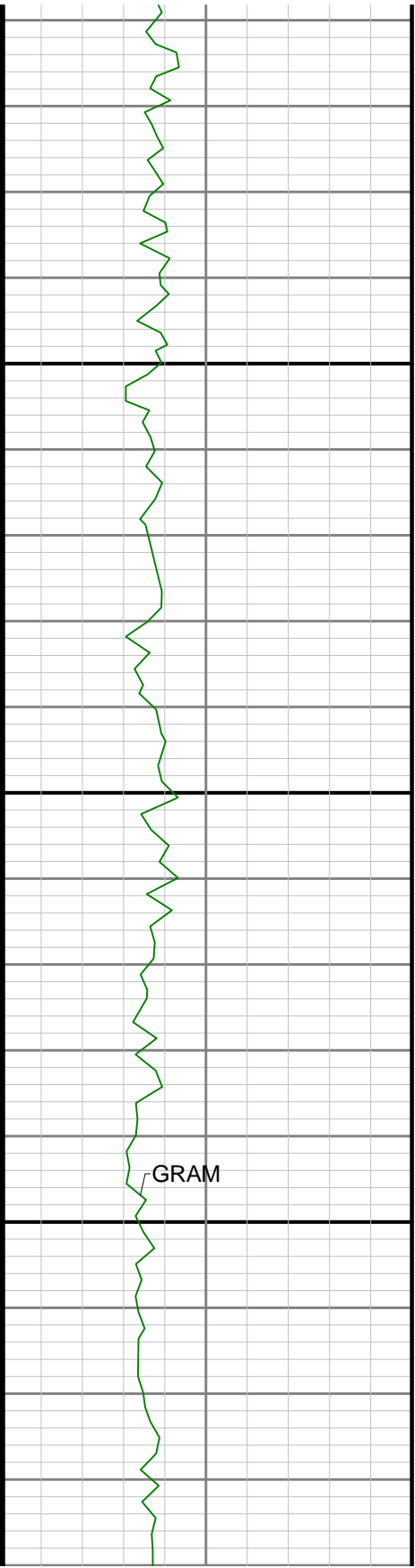


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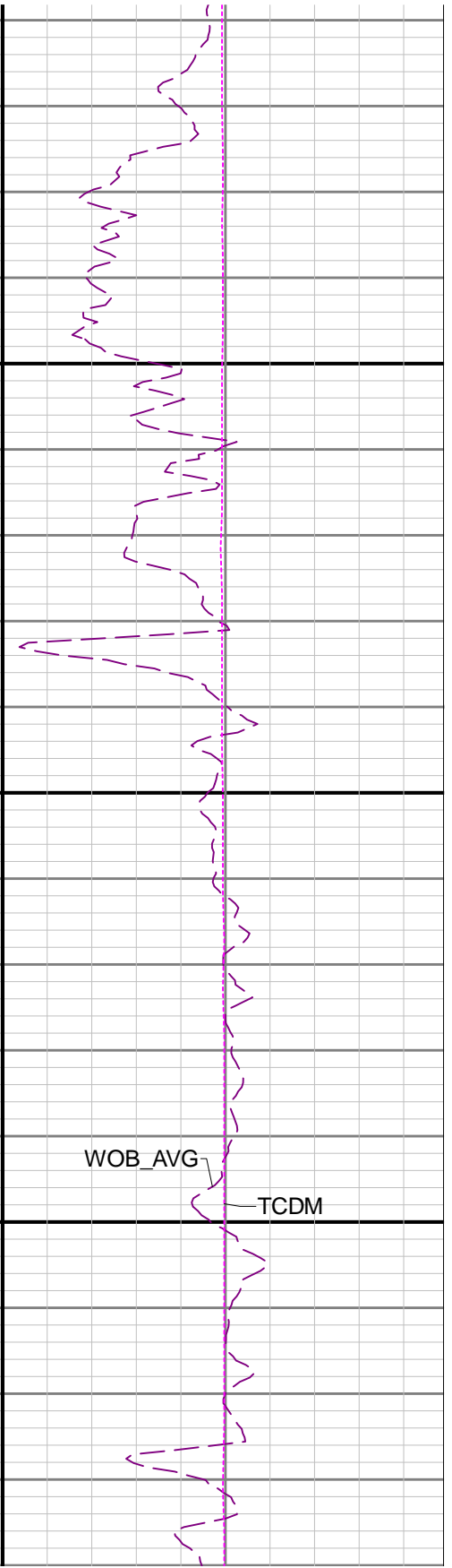
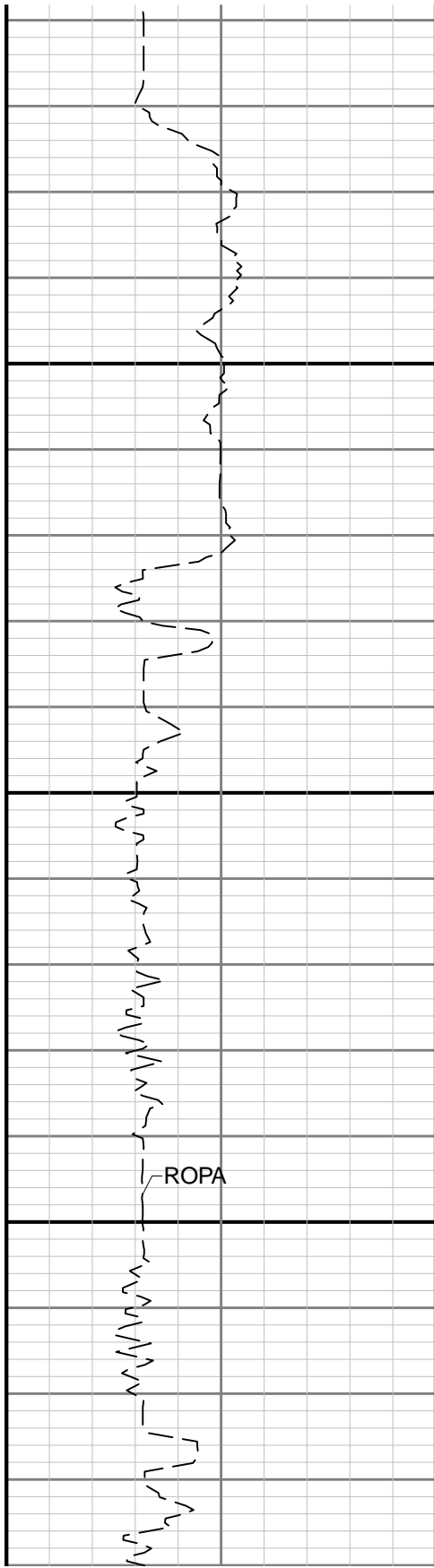


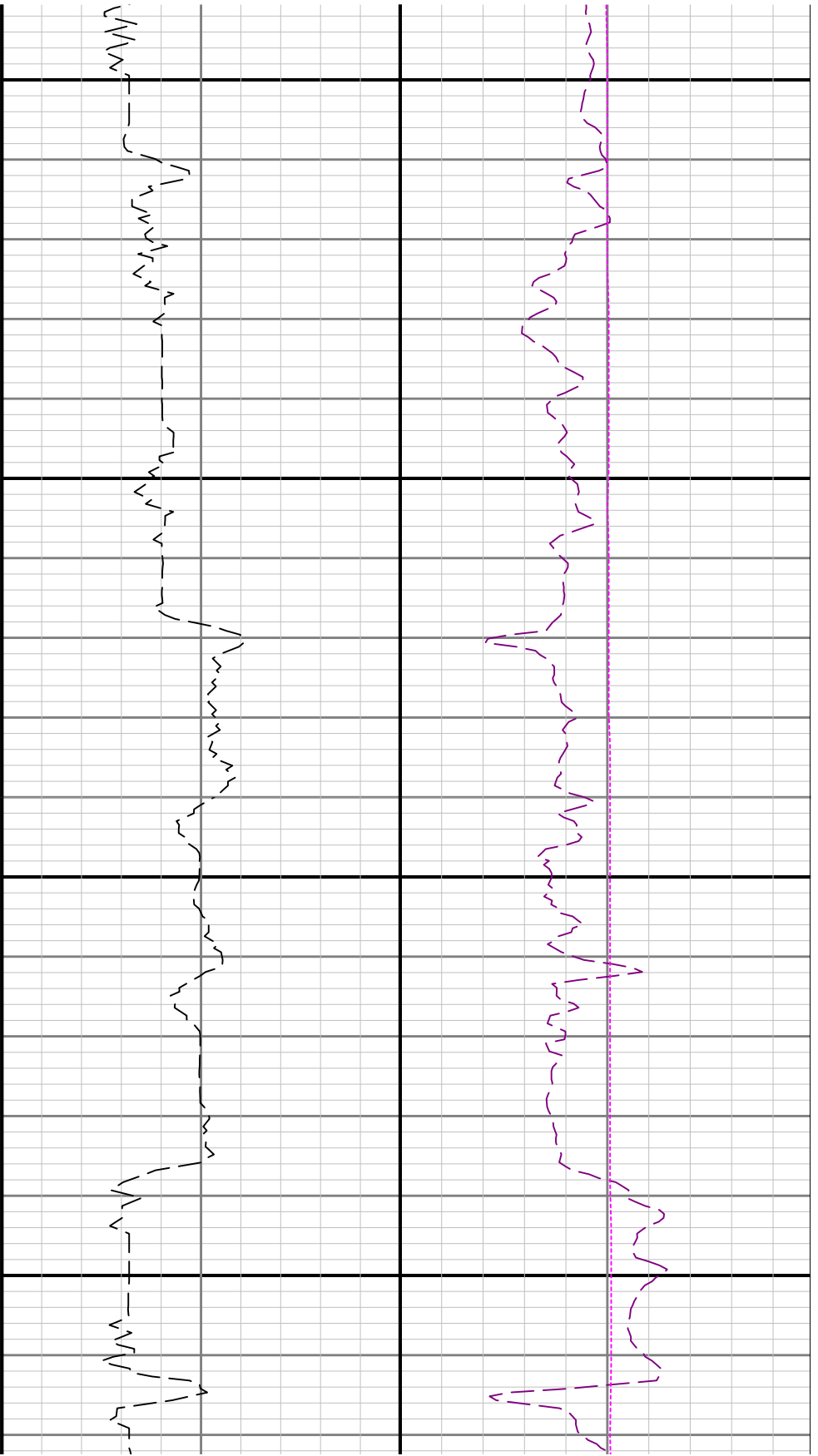




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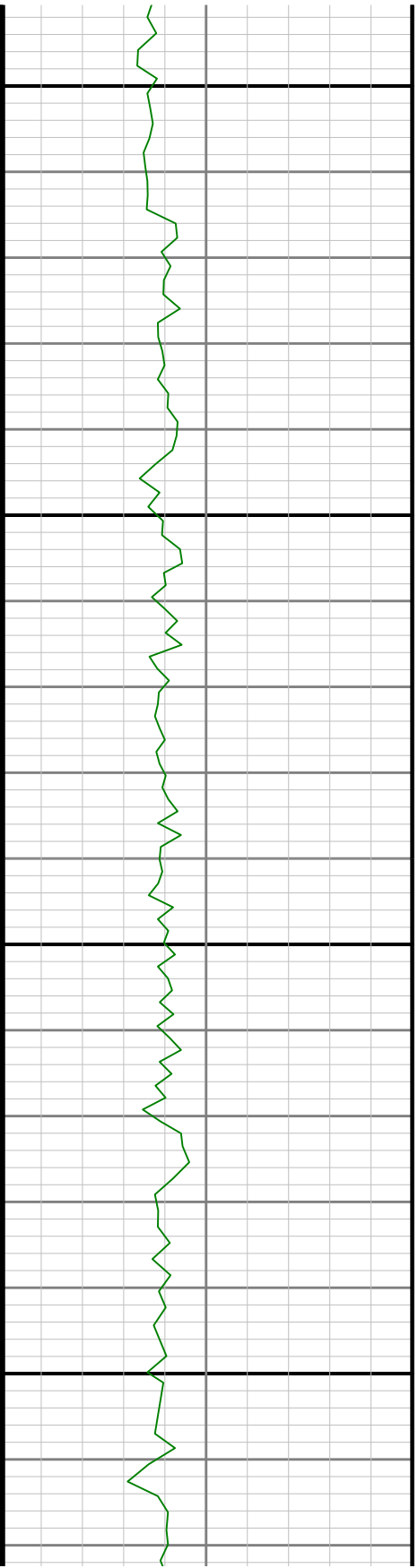
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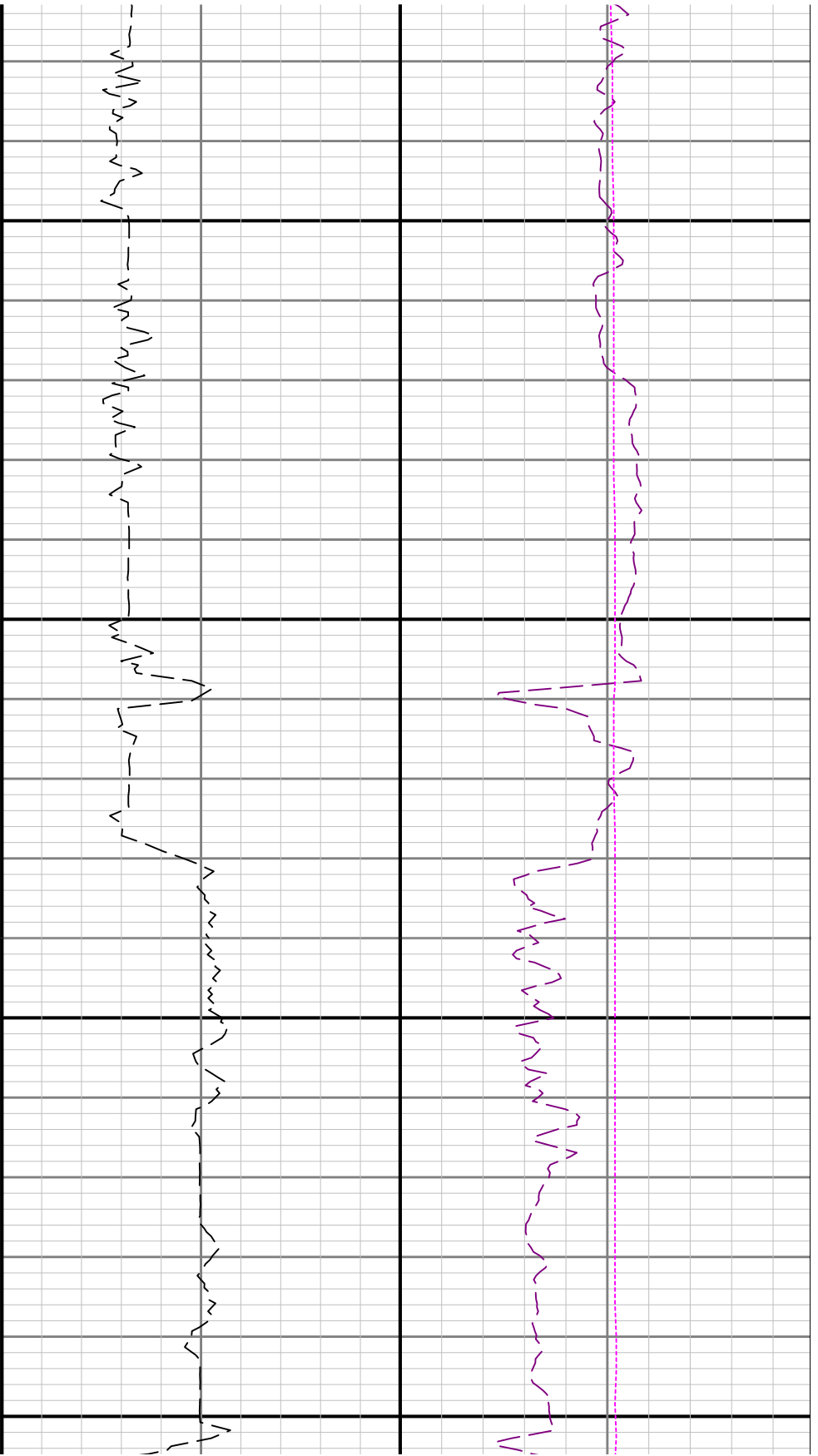




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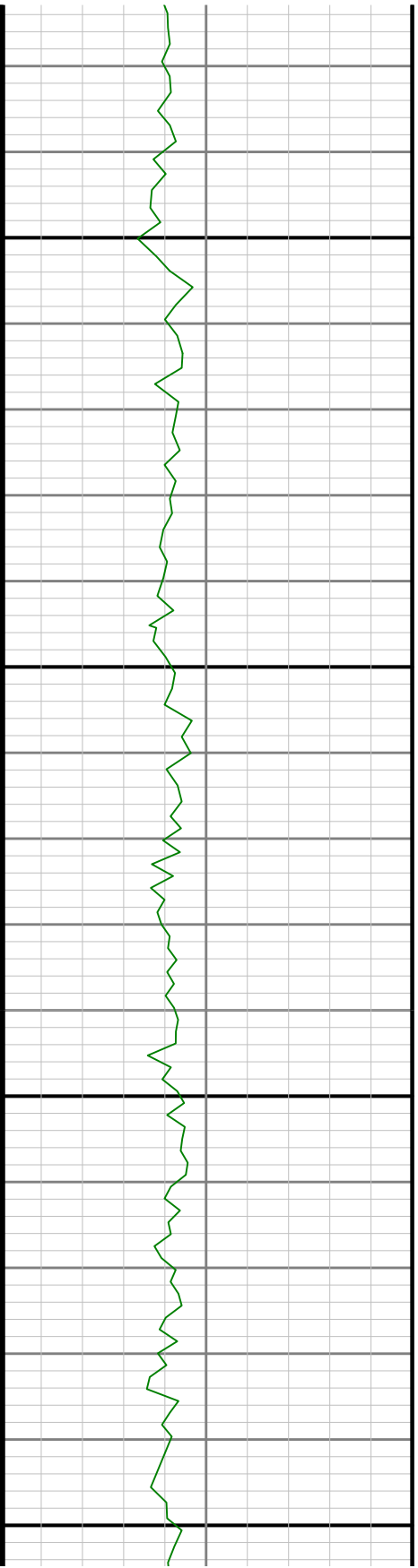
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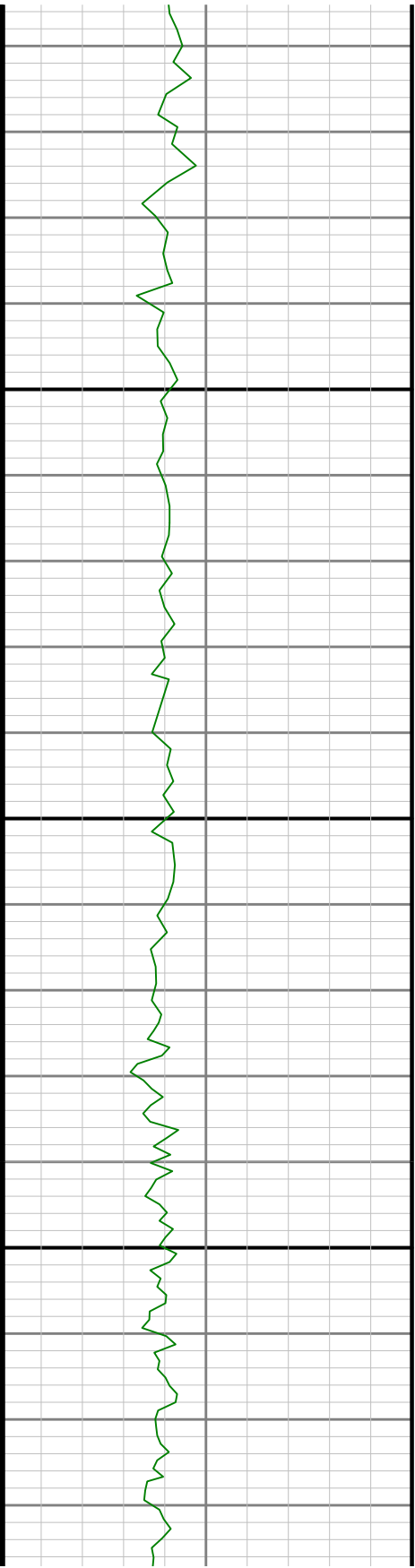




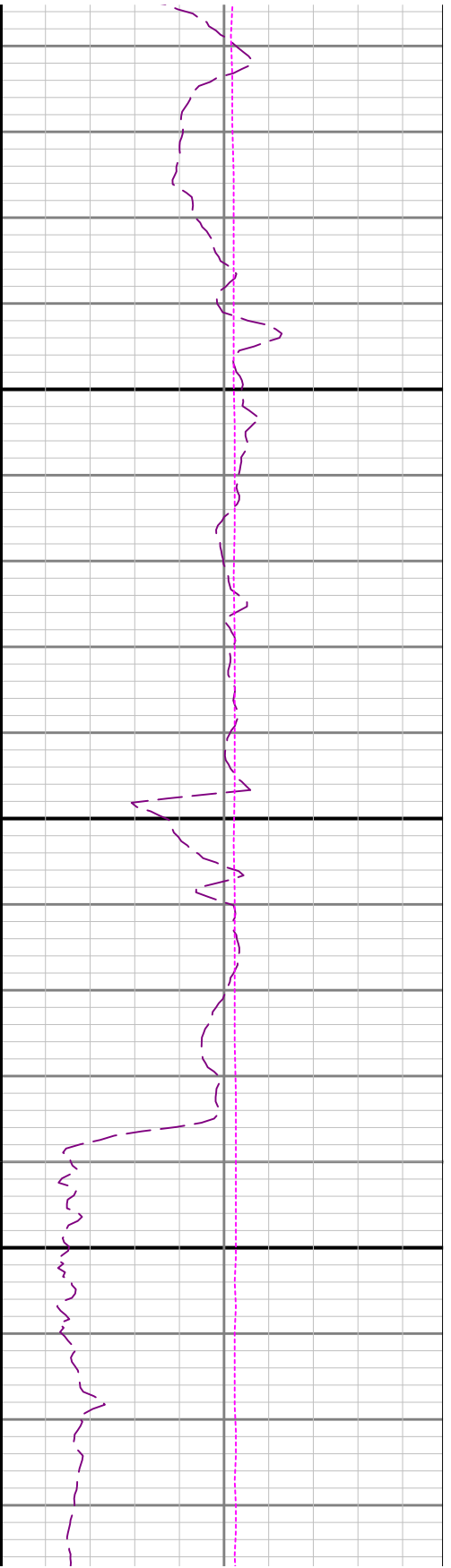
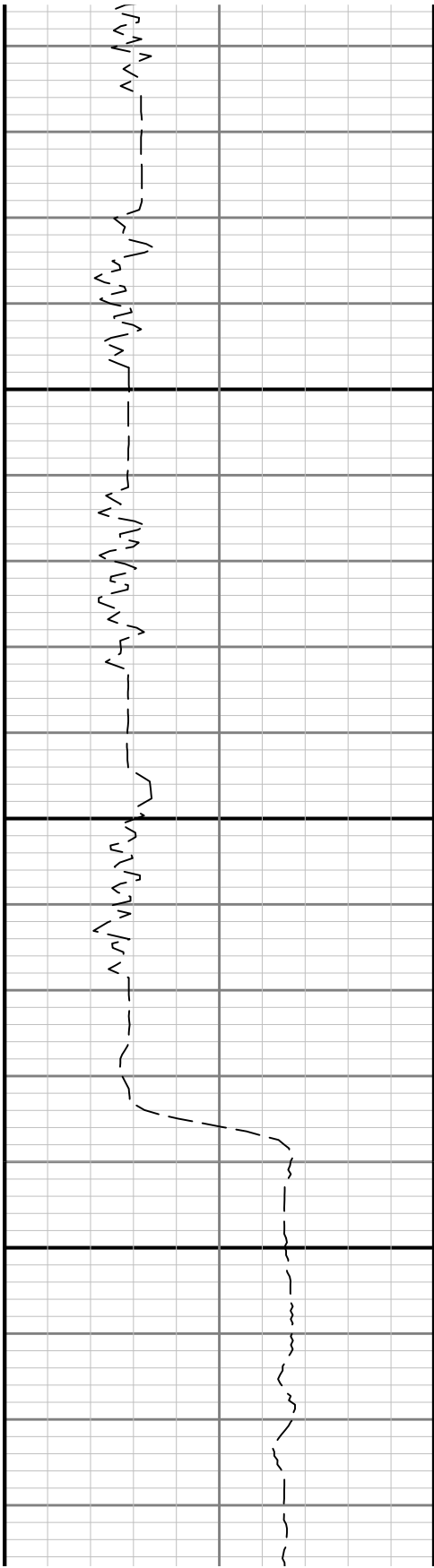
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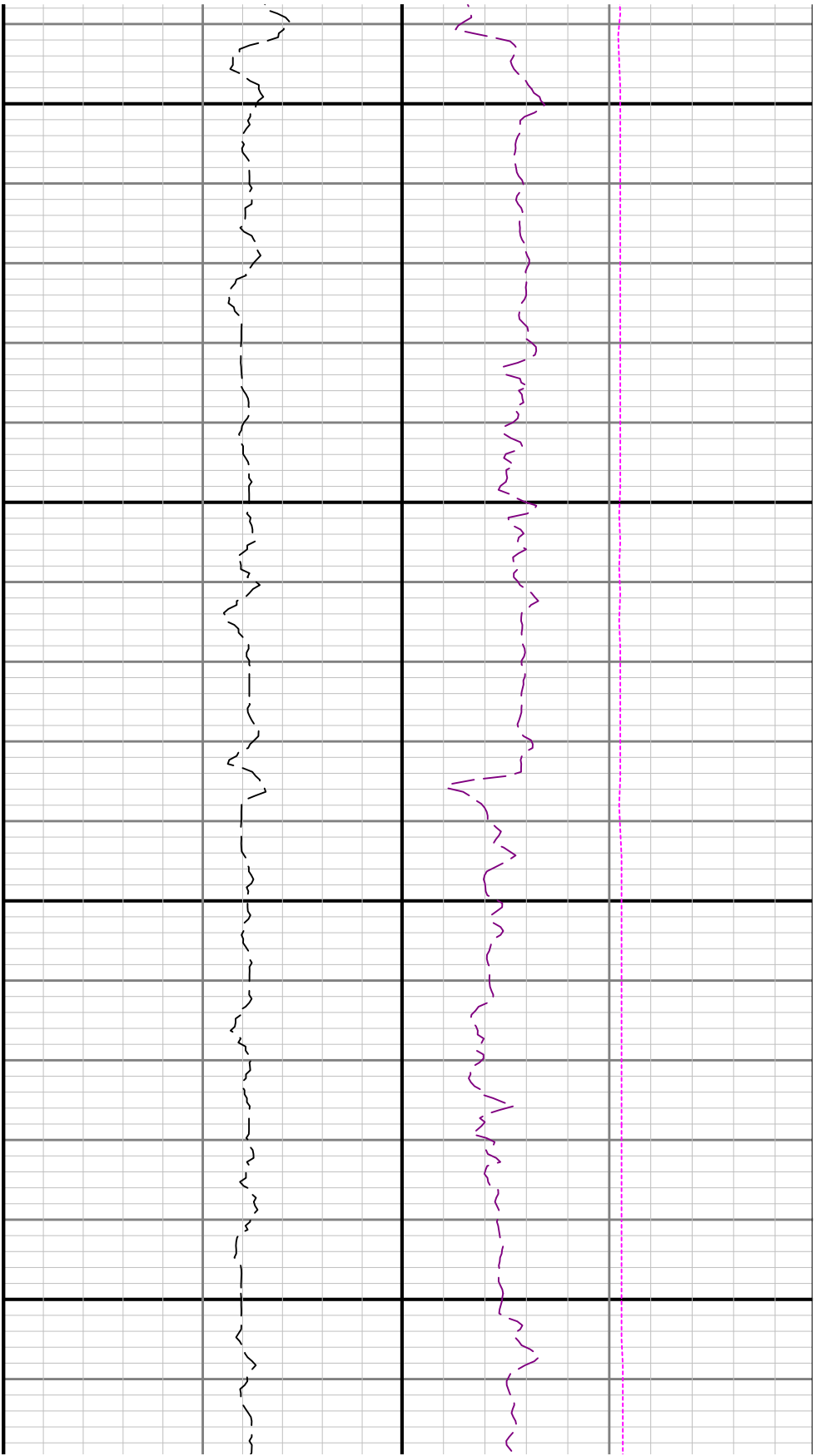
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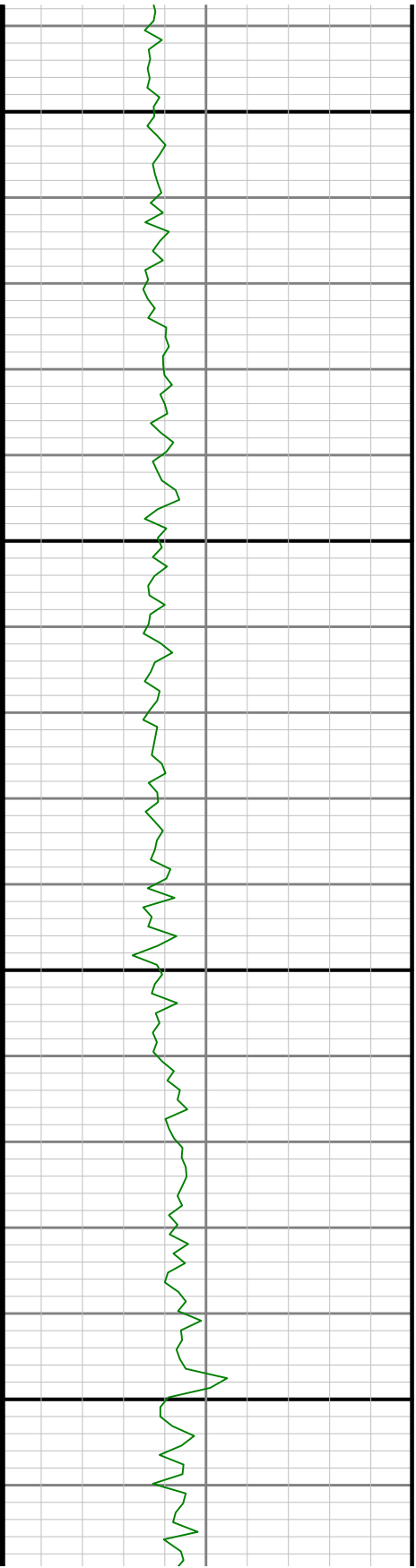
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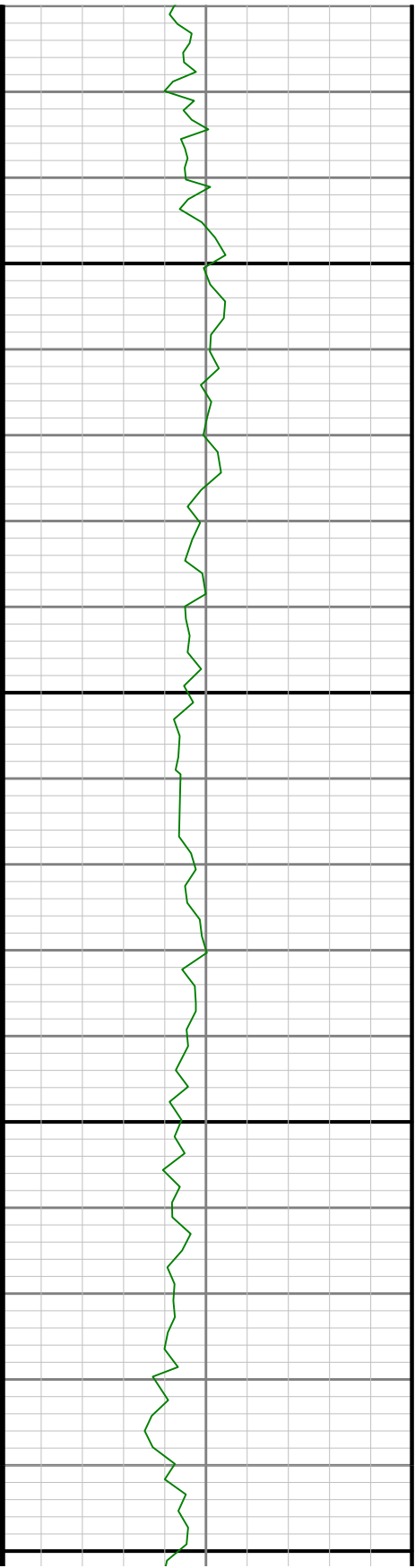




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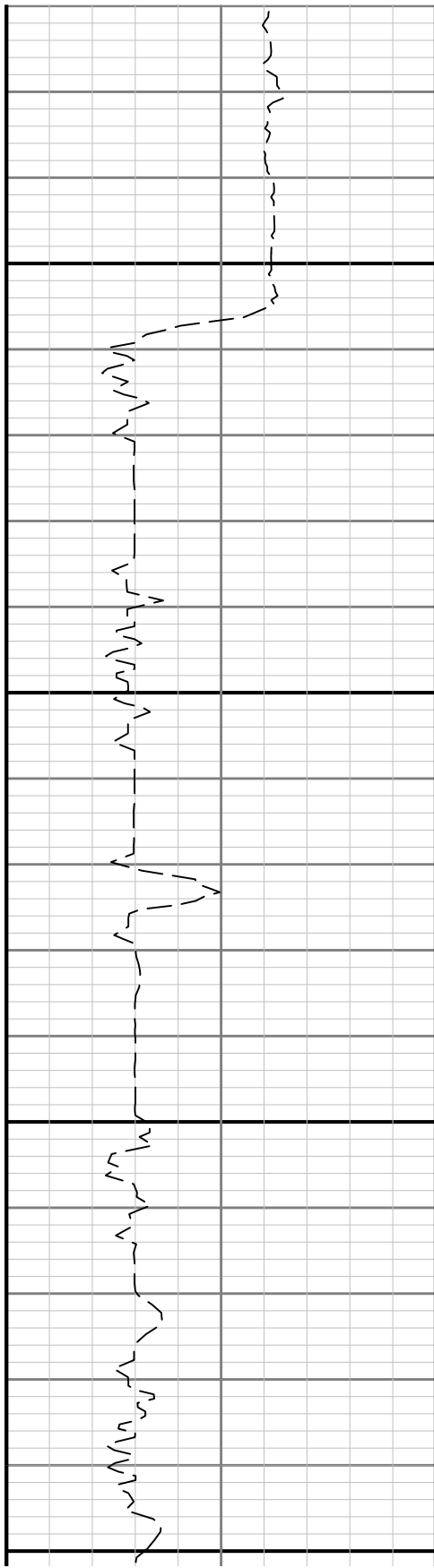
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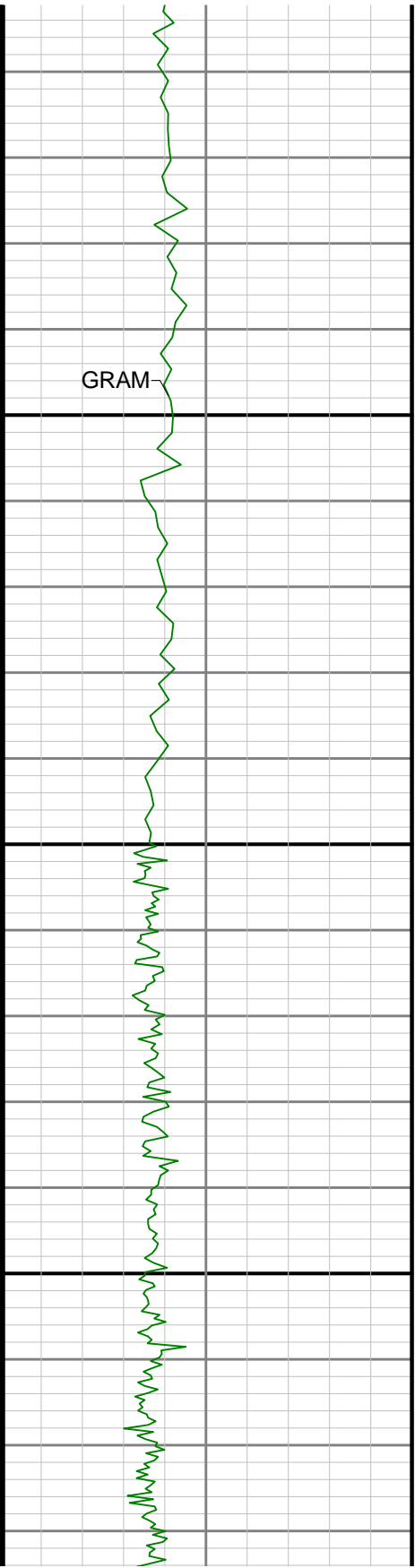




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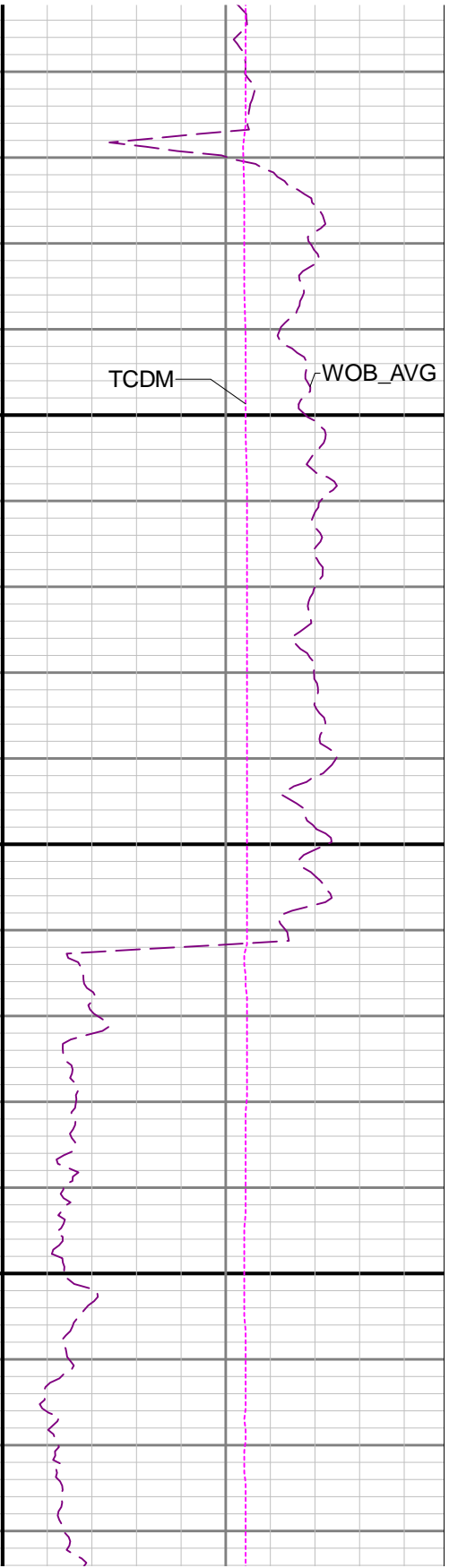
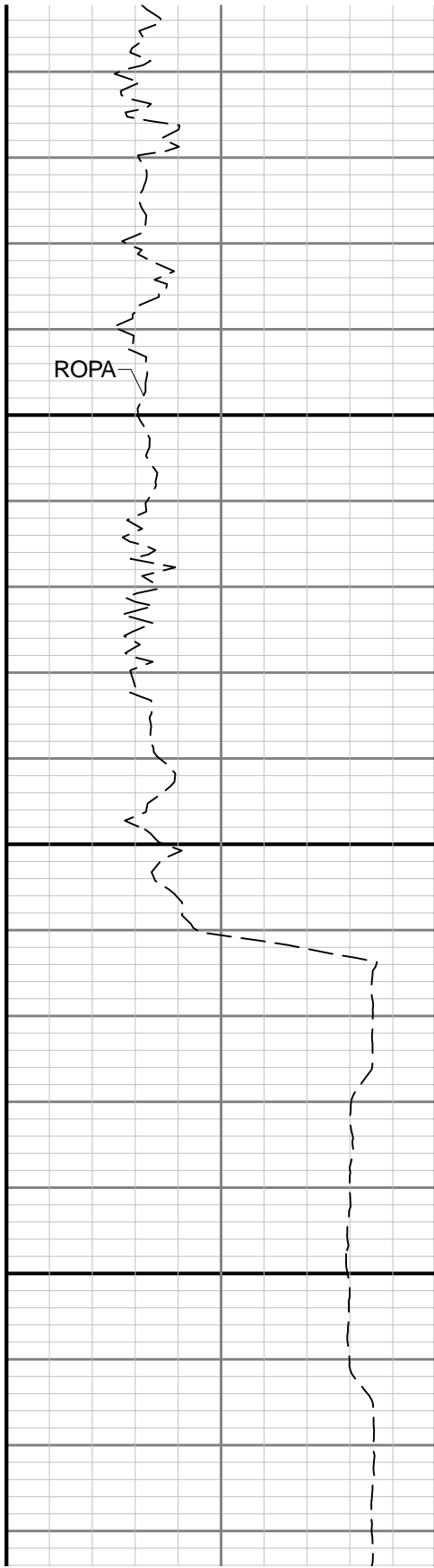
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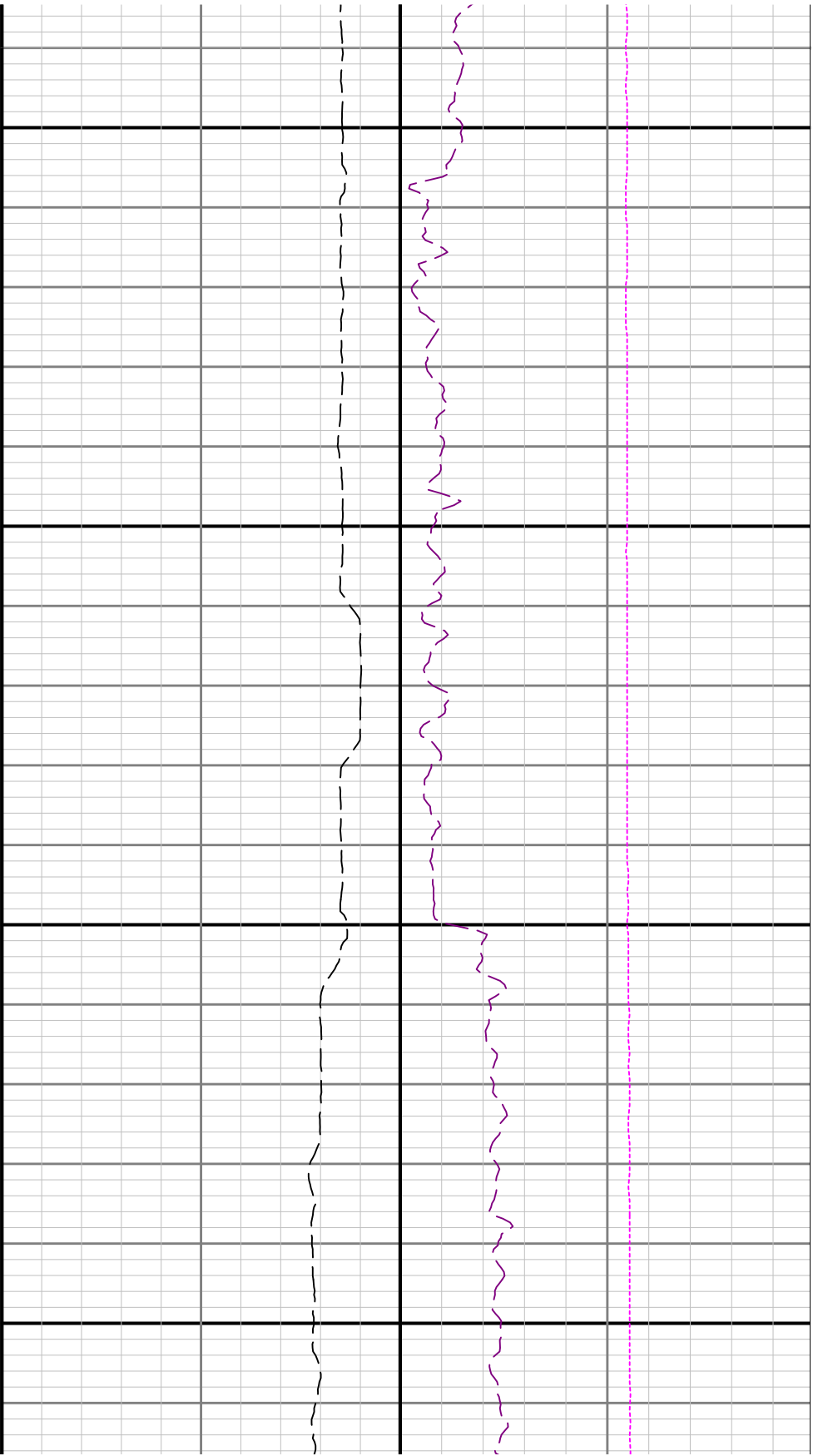




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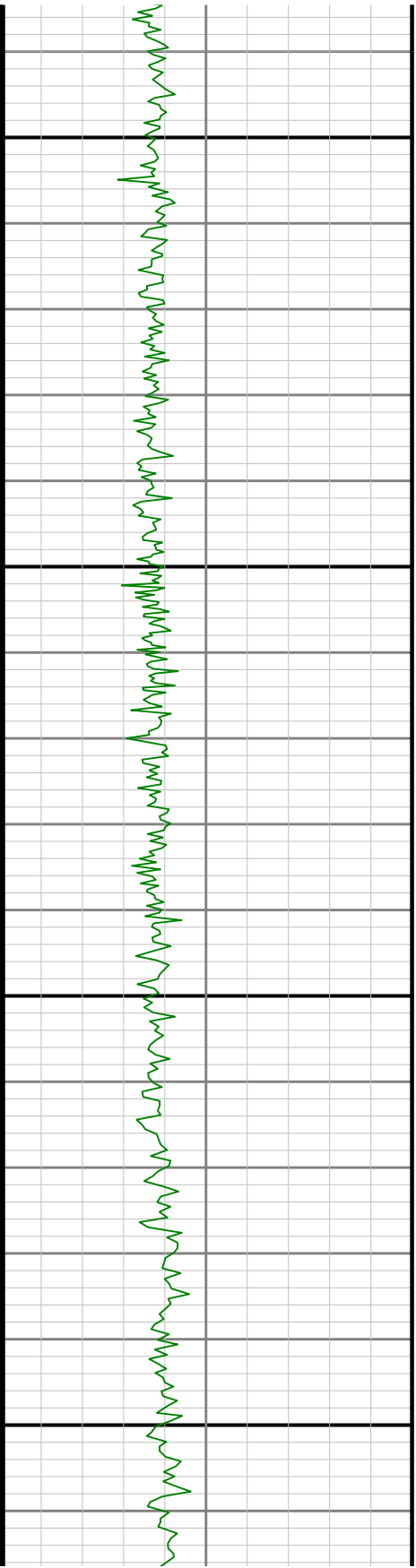
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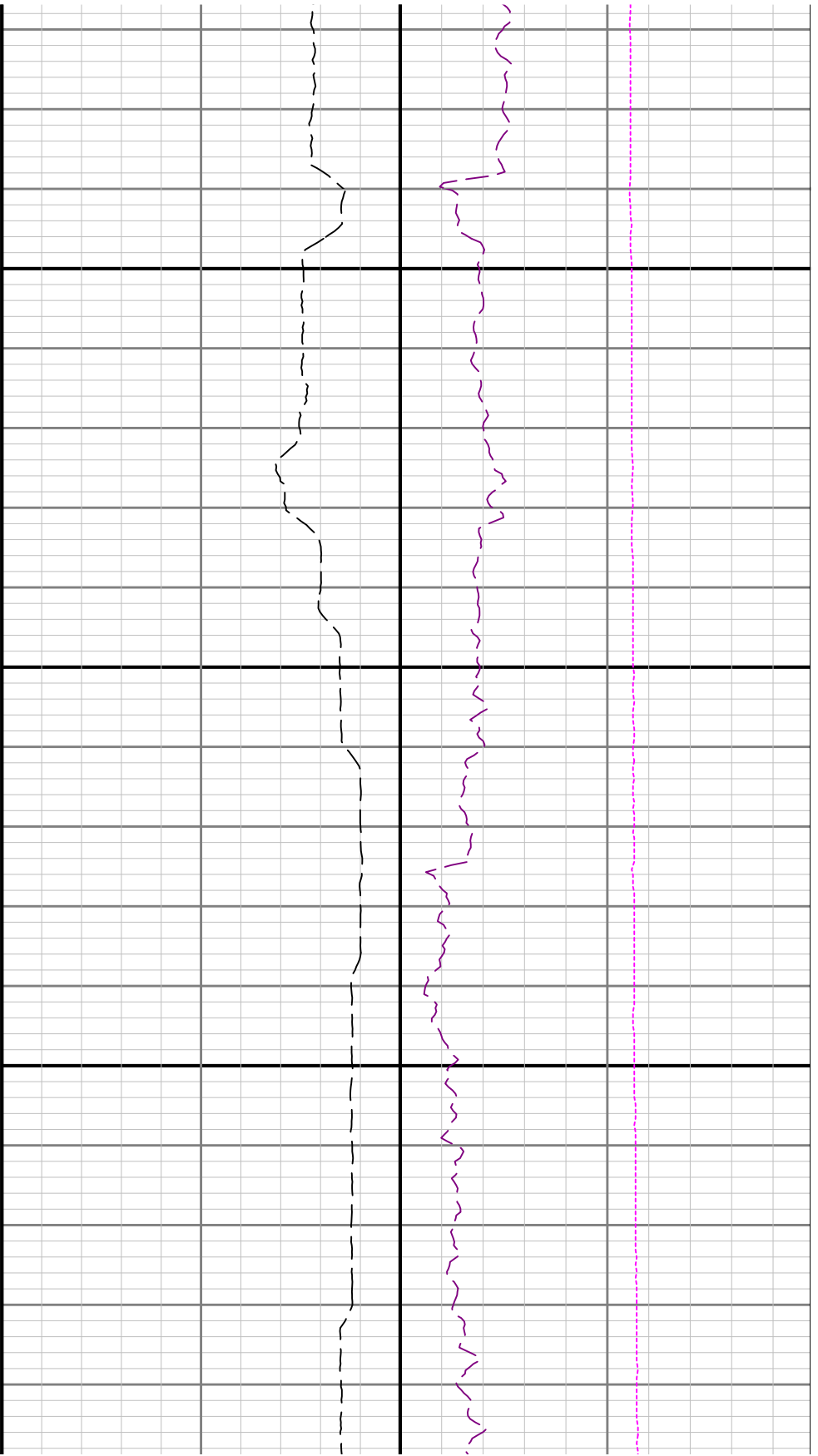




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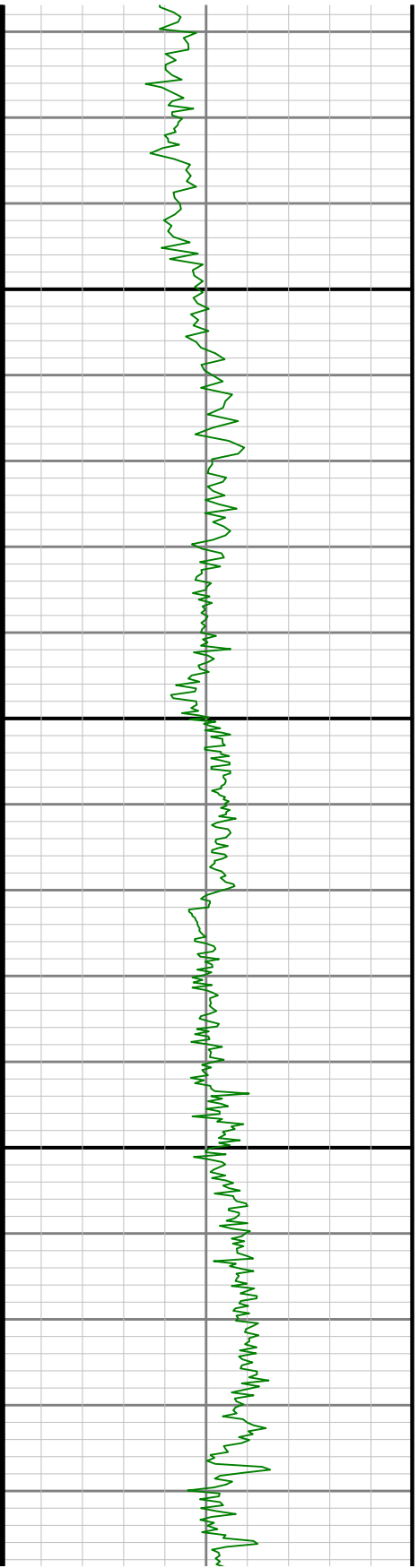
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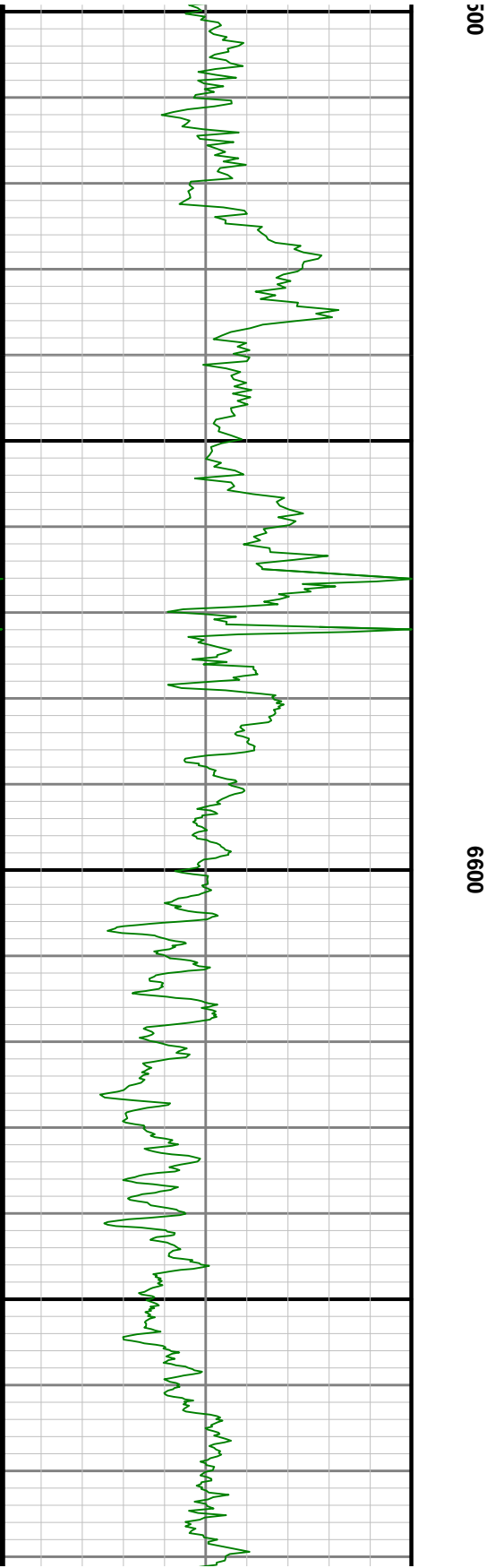
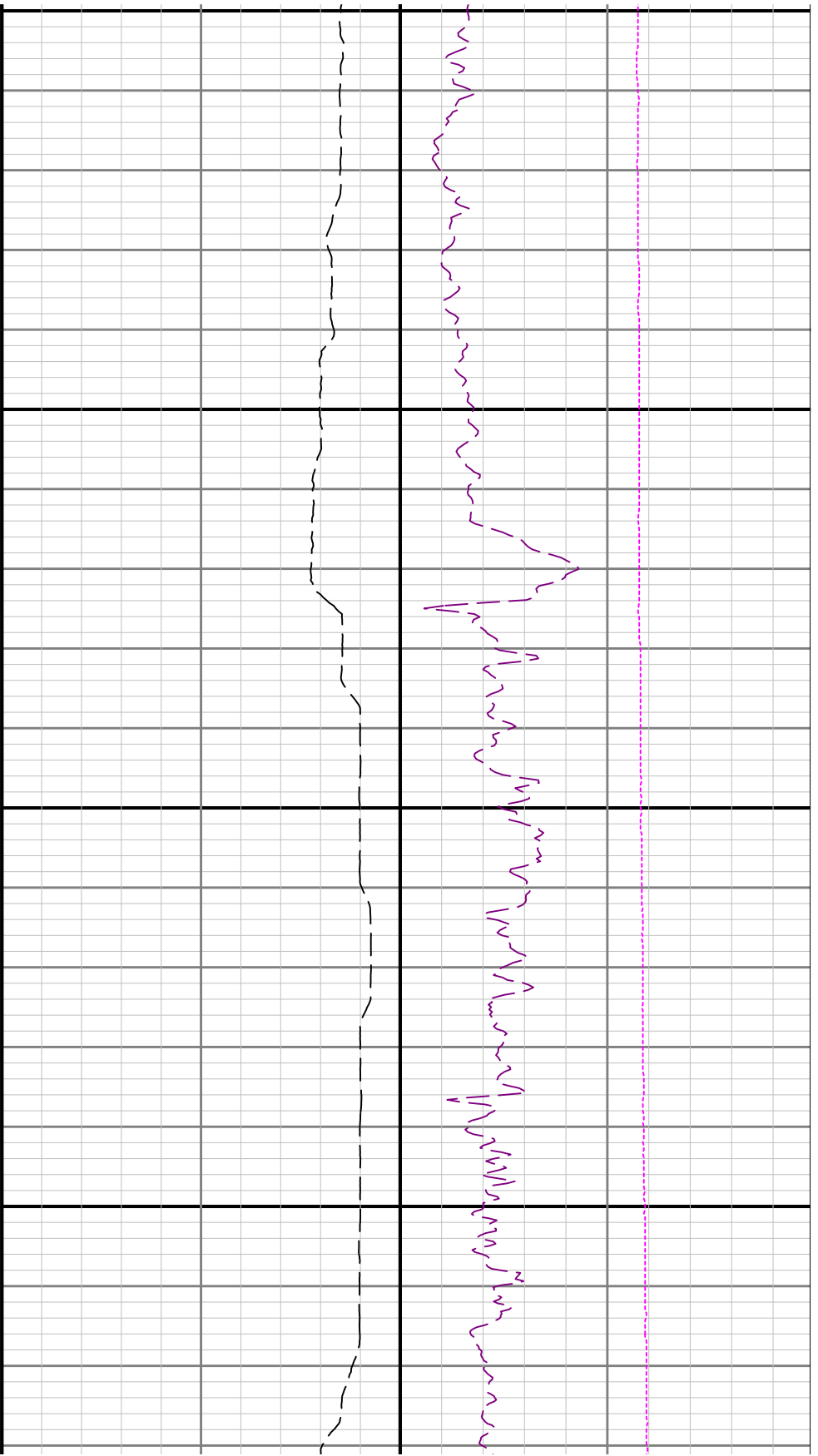


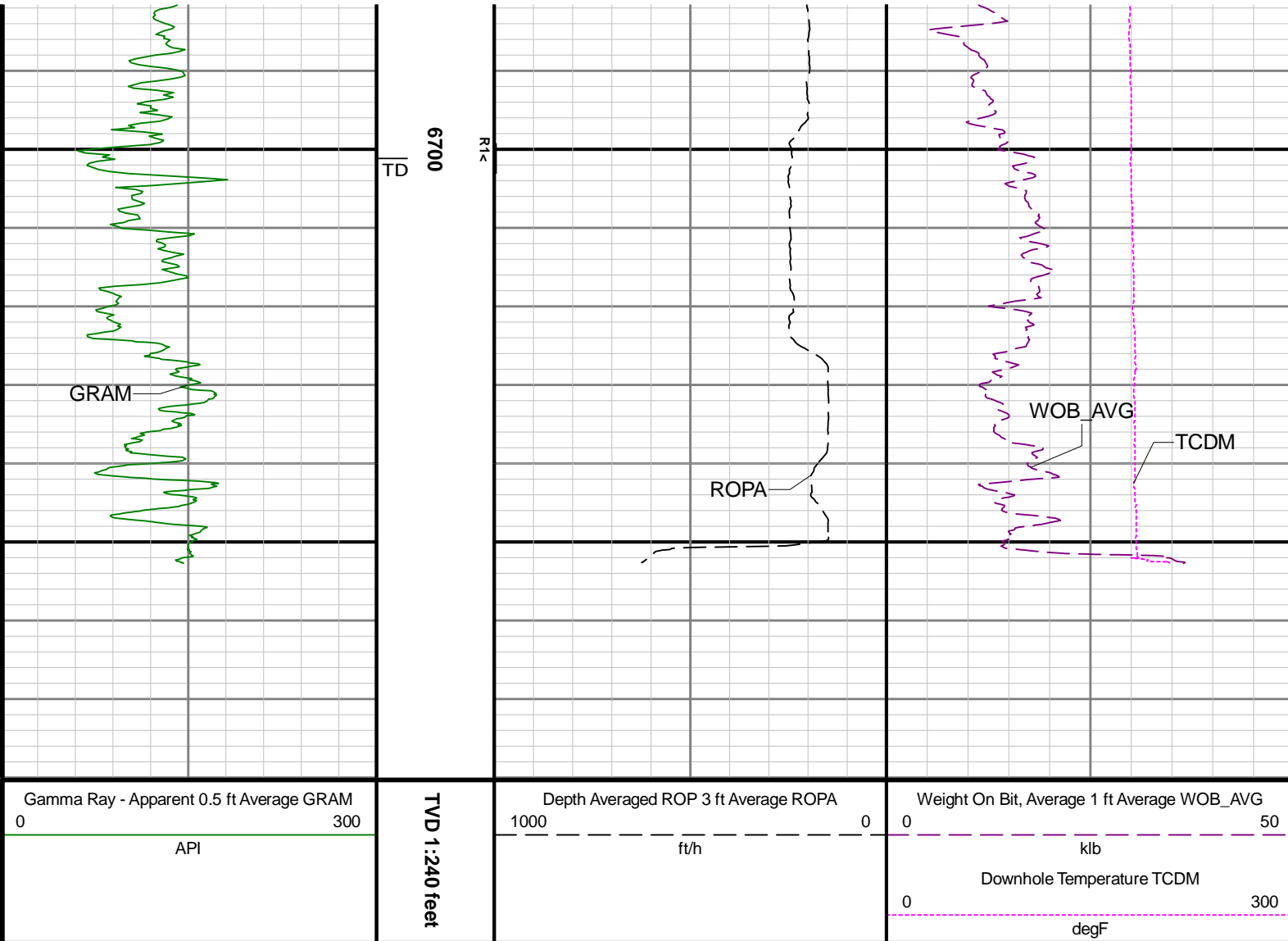


6400

6







Directional Survey Summary													
Latitude:		40° 11' 25.368" N				Longitude:		104° 28' 51.600" W					
North Reference:		Grid				Drill Depth Zero:		Rig Floor					
Vertical Datum is:		Mean Sea Level				Vertical Datum to DDZ: (ft)		4823.00					
Vertical Section North: (ft)		0.00				Vertical Section East: (ft)		0.00					
Vertical Section Azimuth: (deg)		357.78				Magnetic Declination: (deg)		8.00					
Grid Convergence: (deg)		-0.66				TVD Calculation Method:		Minimum Curvature					
Total Correction: (deg)		7.34				Local Magnetic Field: (nT)		52081					
Magnetic Correction:		Off				Local Gravity Field: (m/s2)		9.800					
Local Magnetic Dip Angle: (deg)		66.59											
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	-4823.00	0.00	0.00	0.00	0.00	0.00
	81.90	0.23	164.70	N/A	-0.16	0.04	81.90	-4741.10	-0.16	81.90	0.28	0.28	201.10
	176.30	0.44	141.22	N/A	-0.62	0.32	176.30	-4646.70	-0.64	94.40	0.26	0.22	-24.87
	267.30	0.46	22.38	N/A	-0.56	0.68	267.30	-4555.70	-0.58	91.00	0.85	0.02	-130.59
	361.80	0.31	225.06	N/A	-0.39	0.64	361.80	-4461.20	-0.41	94.50	0.80	-0.16	-166.48
	456.10	0.52	122.21	N/A	-0.80	0.82	456.09	-4366.91	-0.83	94.30	0.70	0.22	-109.07

	550.70	0.56	131.04	N/A	-1.33	1.54	550.69	-4272.31	-1.39	94.60	0.10	0.04	9.33
	645.20	0.42	152.02	N/A	-1.94	2.05	645.19	-4177.81	-2.02	94.50	0.24	-0.15	22.20
	739.80	0.24	182.08	N/A	-2.44	2.20	739.79	-4083.21	-2.53	94.60	0.26	-0.19	31.78
	834.40	0.92	153.74	N/A	-3.32	2.53	834.38	-3988.62	-3.42	94.60	0.76	0.72	-29.96
	928.90	0.38	152.30	N/A	-4.28	3.01	928.87	-3894.13	-4.39	94.50	0.57	-0.57	-1.52
	1023.40	0.64	148.92	N/A	-5.01	3.43	1023.37	-3799.63	-5.14	94.50	0.28	0.28	-3.58
	1118.00	0.61	164.87	N/A	-5.95	3.83	1117.96	-3705.04	-6.09	94.60	0.19	-0.03	16.86
	1212.50	0.14	170.00	N/A	-6.55	3.99	1212.46	-3610.54	-6.70	94.50	0.50	-0.50	5.43
	1307.00	0.36	184.26	N/A	-6.96	3.98	1306.96	-3516.04	-7.11	94.50	0.24	0.23	15.09
	1401.80	0.16	159.84	N/A	-7.38	4.01	1401.76	-3421.24	-7.53	94.80	0.24	-0.21	-25.76
	1496.30	0.22	36.77	N/A	-7.36	4.16	1496.26	-3326.74	-7.51	94.50	0.35	0.06	-130.23
	1590.70	0.18	176.72	N/A	-7.36	4.28	1590.66	-3232.34	-7.52	94.40	0.40	-0.04	148.25
	1685.30	0.34	201.76	N/A	-7.77	4.18	1685.26	-3137.74	-7.92	94.60	0.20	0.17	26.47
	1780.00	0.35	266.64	N/A	-8.05	3.79	1779.96	-3043.04	-8.19	94.70	0.39	0.01	68.51
	1874.70	0.46	311.53	N/A	-7.81	3.22	1874.65	-2948.35	-7.93	94.70	0.34	0.12	47.40
	1927.00	0.58	326.18	N/A	-7.45	2.91	1926.95	-2896.05	-7.56	52.30	0.34	0.23	28.01
	1996.00	0.54	323.61	104.1	-6.90	2.52	1995.95	-2827.05	-6.99	69.00	0.07	-0.06	-3.72
	2090.00	0.11	159.31	106.8	-6.63	2.29	2089.95	-2733.05	-6.71	94.00	0.69	-0.46	-174.79
	2185.00	0.06	104.92	109.5	-6.73	2.37	2184.95	-2638.05	-6.81	95.00	0.09	-0.05	-57.25
	2279.00	1.85	220.81	114.9	-7.89	1.43	2278.93	-2544.07	-7.94	94.00	2.00	1.90	123.29
	2374.00	3.51	216.81	117.6	-11.38	-1.32	2373.82	-2449.18	-11.32	95.00	1.76	1.75	-4.21
	2468.00	3.55	213.35	120.3	-16.11	-4.64	2467.65	-2355.35	-15.92	94.00	0.23	0.04	-3.68
	2563.00	3.40	213.10	120.3	-20.93	-7.79	2562.47	-2260.53	-20.61	95.00	0.16	-0.16	-0.26
	2657.00	5.31	217.69	120.3	-26.71	-11.98	2656.20	-2166.80	-26.22	94.00	2.06	2.03	4.88
	2751.00	5.62	222.13	123.0	-33.56	-17.72	2749.77	-2073.23	-32.85	94.00	0.56	0.33	4.72
	2846.00	6.24	222.89	123.0	-40.79	-24.36	2844.26	-1978.74	-39.82	95.00	0.66	0.65	0.80
	2941.00	7.24	223.00	125.7	-48.95	-31.95	2938.60	-1884.40	-47.68	95.00	1.05	1.05	0.12
	3035.00	7.27	223.23	128.4	-57.62	-40.07	3031.85	-1791.15	-56.02	94.00	0.04	0.03	0.24
	3130.00	7.30	222.35	128.4	-66.46	-48.25	3126.08	-1696.92	-64.54	95.00	0.12	0.03	-0.93
	3225.00	7.21	224.32	131.1	-75.19	-56.48	3220.32	-1602.68	-72.94	95.00	0.28	-0.09	2.07
	3319.00	6.95	224.90	131.1	-83.43	-64.62	3313.61	-1509.39	-80.87	94.00	0.29	-0.28	0.62
	3413.00	6.89	223.47	133.8	-91.55	-72.51	3406.92	-1416.08	-88.68	94.00	0.19	-0.06	-1.52
	3508.00	7.02	222.28	133.8	-99.99	-80.34	3501.22	-1321.78	-96.80	95.00	0.20	0.14	-1.25
	3602.00	7.25	221.93	133.8	-108.65	-88.16	3594.49	-1228.51	-105.15	94.00	0.25	0.24	-0.37
	3696.00	7.12	223.36	136.5	-117.30	-96.13	3687.76	-1135.24	-113.48	94.00	0.24	-0.14	1.52
	3791.00	7.25	223.10	133.8	-125.95	-104.27	3782.01	-1040.99	-121.82	95.00	0.14	0.14	-0.27
	3885.00	7.20	223.00	133.8	-134.59	-112.34	3875.26	-947.74	-130.14	94.00	0.05	-0.05	-0.11
	3980.00	7.18	222.38	133.8	-143.33	-120.40	3969.52	-853.48	-138.56	95.00	0.08	-0.02	-0.65
	4074.00	6.45	221.84	136.5	-151.60	-127.88	4062.85	-760.15	-146.54	94.00	0.78	-0.78	-0.57
	4169.00	6.33	219.21	136.5	-159.64	-134.75	4157.26	-665.74	-154.30	95.00	0.33	-0.13	-2.77
	4263.00	7.29	218.73	139.2	-168.31	-141.76	4250.60	-572.40	-162.69	94.00	1.02	1.02	-0.51
	4358.00	6.36	215.09	141.9	-177.31	-148.55	4344.92	-478.08	-171.43	95.00	1.08	-0.98	-3.83
	4453.00	6.45	217.36	141.9	-185.86	-154.82	4439.33	-383.67	-179.72	95.00	0.28	0.09	2.39
	4547.00	6.13	216.02	144.6	-194.12	-160.97	4532.77	-290.23	-187.74	94.00	0.37	-0.34	-1.43
	4641.00	6.13	216.02	144.6	-202.24	-166.87	4626.23	-196.77	-195.62	94.00	0.00	0.00	0.00
	4736.00	4.78	222.23	144.6	-209.27	-172.52	4720.80	-102.20	-202.43	95.00	1.55	-1.42	6.54
	4831.00	4.89	225.57	147.3	-215.03	-178.07	4815.46	-7.54	-207.97	95.00	0.32	0.12	3.52
	4925.00	4.91	216.51	147.3	-221.07	-183.32	4909.12	86.12	-213.80	94.00	0.82	0.02	-9.64
	5019.00	5.79	218.02	150.0	-228.04	-188.64	5002.71	179.71	-220.56	94.00	0.95	0.94	1.61
	5114.00	5.67	219.48	150.0	-235.44	-194.57	5097.23	274.23	-227.72	95.00	0.20	-0.13	1.54
	5208.00	5.52	222.54	150.0	-242.35	-200.58	5190.78	367.78	-234.40	94.00	0.36	-0.16	3.26
	5303.00	5.59	226.06	155.4	-248.93	-207.00	5285.34	462.34	-240.73	95.00	0.37	0.07	3.71
	5398.00	5.90	226.04	155.4	-255.53	-213.85	5379.86	556.86	-247.06	95.00	0.33	0.33	-0.02
	5492.00	6.45	227.57	158.1	-262.45	-221.22	5473.31	650.31	-253.68	94.00	0.61	0.59	1.63
	5587.00	5.72	221.81	158.1	-269.58	-228.32	5567.78	744.78	-260.53	95.00	1.00	-0.77	-6.06
	5681.00	4.76	221.80	147.3	-275.97	-234.04	5661.39	838.39	-266.70	94.00	1.02	-1.02	-0.01
	5776.00	0.75	215.46	158.1	-279.42	-237.03	5756.26	933.26	-270.03	95.00	4.23	-4.22	-6.67
	5870.00	0.74	183.00	160.8	-280.53	-237.42	5850.25	1027.25	-271.12	94.00	0.44	-0.01	-34.53
	5965.00	0.69	203.28	163.5	-281.67	-237.68	5945.24	1122.24	-272.25	95.00	0.27	-0.05	21.35
	6059.00	0.93	216.01	163.5	-282.80	-238.35	6039.23	1216.23	-273.36	94.00	0.32	0.26	13.54
	6154.00	2.62	340.76	163.5	-281.38	-239.52	6134.20	1311.20	-271.89	95.00	3.41	1.78	131.32

	6161.00	12.02	345.76	163.5	-269.92	-269.92	6227.35	1404.35	-260.32	94.00	9.89	9.87	5.45
	6248.00	11.90	347.64	166.2	-244.99	-248.37	6317.72	1494.72	-235.18	94.00	8.34	8.33	1.87
	6437.00	25.93	353.22	168.9	-208.66	-254.26	6405.24	1582.24	-198.65	95.00	6.91	6.53	5.87
	6532.00	35.10	354.19	171.6	-160.76	-259.49	6487.00	1664.00	-150.59	95.00	9.67	9.65	1.02
	6626.00	43.55	354.61	174.3	-101.53	-265.27	6559.65	1736.65	-91.17	94.00	8.99	8.99	0.45
	6721.00	51.99	351.55	177.0	-31.79	-273.87	6623.45	1800.45	-21.16	95.00	9.20	8.88	-3.22
	6815.00	62.47	351.35	179.7	46.26	-285.61	6674.26	1851.26	57.29	94.00	11.15	11.15	-0.21
	6910.00	70.31	353.42	179.7	132.48	-297.09	6712.28	1889.28	143.88	95.00	8.49	8.25	2.18
	7005.00	78.09	356.38	182.5	223.45	-305.16	6738.13	1915.13	235.10	95.00	8.72	8.19	3.12
	7099.00	87.54	359.19	182.5	316.52	-308.74	6749.88	1926.88	328.25	94.00	10.48	10.05	2.99
	7193.00	89.88	0.26	179.7	410.49	-309.19	6751.99	1928.99	422.16	94.00	2.74	2.49	1.14
	7288.00	89.94	0.54	185.2	505.49	-308.52	6752.14	1929.14	517.06	95.00	0.30	0.06	0.29
	7383.00	89.97	0.75	190.6	600.48	-307.45	6752.22	1929.22	611.94	95.00	0.22	0.03	0.22
	7477.00	89.85	0.26	190.6	694.48	-306.63	6752.37	1929.37	705.84	94.00	0.54	-0.13	-0.52
	7571.00	89.97	0.16	193.3	788.48	-306.28	6752.51	1929.51	799.75	94.00	0.17	0.13	-0.11
	7665.00	90.03	0.34	198.7	882.48	-305.87	6752.51	1929.51	893.66	94.00	0.20	0.06	0.19
	7760.00	90.22	0.28	201.4	977.48	-305.36	6752.31	1929.31	988.57	95.00	0.21	0.20	-0.06
	7854.00	90.06	0.33	201.4	1071.47	-304.86	6752.08	1929.08	1082.48	94.00	0.18	-0.17	0.05
	7948.00	89.66	358.37	204.1	1165.46	-305.92	6752.31	1929.31	1176.44	94.00	2.13	-0.43	-2.09
	8043.00	90.15	0.03	204.1	1260.45	-307.25	6752.46	1929.46	1271.41	95.00	1.82	0.52	1.75
	8137.00	89.88	359.22	206.8	1354.45	-307.86	6752.44	1929.44	1365.36	94.00	0.91	-0.29	-0.86
	8232.00	89.82	359.56	206.8	1449.44	-308.88	6752.69	1929.69	1460.32	95.00	0.36	-0.06	0.36
	8326.00	90.77	359.65	209.5	1543.44	-309.52	6752.20	1929.20	1554.27	94.00	1.02	1.01	0.10
	8421.00	90.09	359.73	209.5	1638.43	-310.04	6751.49	1928.49	1649.21	95.00	0.72	-0.72	0.08
	8516.00	90.06	359.26	209.5	1733.43	-310.88	6751.37	1928.37	1744.17	95.00	0.50	-0.03	-0.49
	8610.00	90.22	359.50	209.5	1827.42	-311.89	6751.14	1928.14	1838.13	94.00	0.31	0.17	0.26
	8705.00	89.82	359.54	212.2	1922.42	-312.69	6751.10	1928.10	1933.09	95.00	0.42	-0.42	0.04
	8800.00	90.00	359.45	212.2	2017.41	-313.53	6751.25	1928.25	2028.05	95.00	0.21	0.19	-0.09
	8894.00	89.88	359.72	214.9	2111.41	-314.21	6751.35	1928.35	2122.00	94.00	0.31	-0.13	0.29
	8989.00	90.03	359.36	214.9	2206.41	-314.97	6751.43	1928.43	2216.95	95.00	0.41	0.16	-0.38
	9083.00	90.03	0.06	214.9	2300.41	-315.44	6751.38	1928.38	2310.90	94.00	0.74	0.00	0.74
	9178.00	89.88	358.96	214.9	2395.40	-316.26	6751.45	1928.45	2405.85	95.00	1.17	-0.16	-1.16
	9272.00	90.83	359.61	214.9	2489.39	-317.43	6750.87	1927.87	2499.82	94.00	1.22	1.01	0.69
	9367.00	90.40	359.77	217.6	2584.38	-317.94	6749.85	1926.85	2594.76	95.00	0.48	-0.45	0.17
	9461.00	89.14	359.53	220.3	2678.38	-318.52	6750.23	1927.23	2688.71	94.00	1.36	-1.34	-0.26
	9556.00	90.52	359.64	220.3	2773.37	-319.21	6750.51	1927.51	2783.66	95.00	1.46	1.45	0.12
	9650.00	90.00	359.01	223.0	2867.37	-320.31	6750.08	1927.08	2877.62	94.00	0.87	-0.55	-0.67
	9745.00	89.72	358.74	223.0	2962.35	-322.18	6750.31	1927.31	2972.60	95.00	0.41	-0.29	-0.28
	9839.00	90.12	359.22	225.7	3056.33	-323.85	6750.45	1927.45	3066.58	94.00	0.66	0.43	0.51
	9934.00	90.31	359.19	225.7	3151.32	-325.17	6750.09	1927.09	3161.55	95.00	0.20	0.20	-0.03
	10029.00	90.25	358.29	225.7	3246.30	-327.26	6749.62	1926.62	3256.54	95.00	0.95	-0.06	-0.95
	10123.00	90.52	358.02	225.7	3340.25	-330.29	6748.99	1925.99	3350.53	94.00	0.41	0.29	-0.29
	10218.00	89.69	358.55	225.7	3435.20	-333.13	6748.82	1925.82	3445.53	95.00	1.04	-0.87	0.56
	10313.00	90.34	358.93	225.7	3530.18	-335.22	6748.79	1925.79	3540.51	95.00	0.79	0.68	0.40
	10407.00	90.74	358.78	225.7	3624.16	-337.10	6747.91	1924.91	3634.49	94.00	0.45	0.43	-0.16
	10502.00	90.31	358.28	228.4	3719.12	-339.53	6747.04	1924.04	3729.48	95.00	0.69	-0.45	-0.53
	10596.00	89.60	359.01	228.4	3813.09	-341.76	6747.11	1924.11	3823.47	94.00	1.08	-0.76	0.78
	10691.00	90.28	358.70	228.4	3908.07	-343.65	6747.21	1924.21	3918.45	95.00	0.79	0.72	-0.33
	10786.00	91.08	359.16	231.1	4003.05	-345.43	6746.08	1923.08	4013.42	95.00	0.97	0.84	0.48
	10880.00	90.06	359.71	231.1	4097.04	-346.35	6745.15	1922.15	4107.38	94.00	1.23	-1.09	0.59
	10975.00	90.58	358.62	231.1	4192.02	-347.74	6744.62	1921.62	4202.35	95.00	1.27	0.55	-1.15
	11070.00	90.68	359.11	233.8	4287.00	-349.62	6743.57	1920.57	4297.32	95.00	0.53	0.11	0.52
	11164.00	90.18	359.03	231.1	4380.98	-351.15	6742.87	1919.87	4391.30	94.00	0.54	-0.53	-0.09
	11258.00	89.60	359.50	231.1	4474.97	-352.35	6743.05	1920.05	4485.27	94.00	0.79	-0.62	0.50
	11353.00	91.42	0.63	233.8	4569.97	-352.24	6742.20	1919.20	4580.18	95.00	2.25	1.92	1.19
	11448.00	90.80	359.61	233.8	4664.95	-352.05	6740.36	1917.36	4675.08	95.00	1.26	-0.65	-1.07
	11543.00	90.46	359.99	233.8	4759.94	-352.38	6739.32	1916.32	4770.02	95.00	0.54	-0.36	0.40
	11637.00	90.86	359.79	233.8	4853.93	-352.56	6738.24	1915.24	4863.95	94.00	0.48	0.43	-0.21
	11732.00	90.74	0.00	236.5	4948.92	-352.73	6736.91	1913.91	4958.87	95.00	0.25	-0.13	0.22
	11826.00	90.65	359.88	236.5	5042.92	-352.83	6735.77	1912.77	5052.80	94.00	0.16	-0.10	-0.13
	11921.00	90.71	359.66	236.5	5137.91	-352.21	6734.64	1911.64	5147.72	95.00	0.24	0.06	0.22

	11921.00	90.71	359.66	236.5	5137.91	-353.21	6734.64	1911.64	5147.73	95.00	0.24	0.06	-0.23
	12015.00	90.58	359.60	236.5	5231.90	-353.82	6733.58	1910.58	5241.68	94.00	0.15	-0.14	-0.06
	12110.00	90.55	359.75	236.5	5326.89	-354.36	6732.65	1909.65	5336.62	95.00	0.16	-0.03	0.16
	12204.00	90.49	359.27	236.5	5420.89	-355.16	6731.79	1908.79	5430.58	94.00	0.51	-0.06	-0.51
	12299.00	90.52	0.21	236.5	5515.88	-355.59	6730.96	1907.96	5525.52	95.00	0.99	0.03	0.99
	12394.00	90.61	0.09	239.2	5610.88	-355.34	6730.02	1907.02	5620.43	95.00	0.16	0.09	-0.13
	12488.00	90.55	359.29	236.5	5704.87	-355.85	6729.07	1906.07	5714.37	94.00	0.85	-0.06	-0.85
	12583.00	90.48	359.30	239.2	5799.86	-357.02	6728.21	1905.21	5809.33	95.00	0.07	-0.07	0.01
	12678.00	90.55	359.86	239.2	5894.85	-357.72	6727.36	1904.36	5904.28	95.00	0.59	0.07	0.59
	12772.00	90.85	0.31	236.5	5988.84	-357.58	6726.21	1903.21	5998.20	94.00	0.58	0.32	0.48
	12867.00	90.42	0.11	239.2	6083.84	-357.23	6725.16	1902.16	6093.11	95.00	0.50	-0.45	-0.21
	12961.00	90.61	359.60	239.2	6177.83	-357.47	6724.31	1901.31	6187.04	94.00	0.58	0.20	-0.54
	13056.00	90.67	359.72	239.2	6272.83	-358.03	6723.25	1900.25	6281.99	95.00	0.14	0.06	0.13
	13150.00	90.42	359.54	241.9	6366.82	-358.64	6722.36	1899.36	6375.93	94.00	0.33	-0.27	-0.19
	13245.00	90.67	359.64	241.9	6461.81	-359.32	6721.45	1898.45	6470.88	95.00	0.28	0.26	0.11
	13339.00	90.67	359.40	241.9	6555.80	-360.11	6720.36	1897.36	6564.83	94.00	0.26	0.00	-0.26
	13434.00	90.85	359.79	241.9	6650.79	-360.78	6719.10	1896.10	6659.77	95.00	0.45	0.19	0.41
	13528.00	90.79	359.66	241.9	6744.78	-361.23	6717.75	1894.75	6753.71	94.00	0.15	-0.06	-0.14
	13623.00	90.79	359.42	241.9	6839.77	-361.99	6716.44	1893.44	6848.66	95.00	0.25	0.00	-0.25
	13718.00	90.58	359.86	241.9	6934.76	-362.59	6715.30	1892.30	6943.60	95.00	0.51	-0.22	0.46
	13812.00	90.61	359.51	244.6	7028.75	-363.10	6714.33	1891.33	7037.54	94.00	0.37	0.03	-0.37
	13907.00	90.61	359.57	244.6	7123.74	-363.87	6713.32	1890.32	7132.49	95.00	0.06	0.00	0.06
	14002.00	90.79	359.59	247.3	7218.73	-364.56	6712.16	1889.16	7227.44	95.00	0.19	0.19	0.02
	14096.00	90.33	359.35	247.3	7312.73	-365.43	6711.24	1888.24	7321.39	94.00	0.55	-0.49	-0.26
	14191.00	90.27	0.27	247.3	7407.72	-365.75	6710.74	1887.74	7416.33	95.00	0.97	-0.06	0.97
	14285.00	90.49	359.24	250.0	7501.72	-366.15	6710.12	1887.12	7510.27	94.00	1.12	0.23	-1.10
	14380.00	90.27	359.44	250.0	7596.71	-367.24	6709.49	1886.49	7605.23	95.00	0.31	-0.23	0.21
	14474.00	90.39	359.27	250.0	7690.70	-368.30	6708.95	1885.95	7699.20	94.00	0.22	0.13	-0.18
	14569.00	90.27	359.50	250.0	7785.70	-369.32	6708.40	1885.40	7794.16	95.00	0.27	-0.13	0.24
	14664.00	90.24	359.64	250.0	7880.69	-370.04	6707.98	1884.98	7889.11	95.00	0.15	-0.03	0.15
	14758.00	90.18	359.53	252.7	7974.69	-370.72	6707.63	1884.63	7983.06	94.00	0.13	-0.06	-0.12
	14853.00	89.99	359.91	252.7	8069.69	-371.18	6707.49	1884.49	8078.01	95.00	0.45	-0.20	0.40
	14947.00	89.69	359.73	252.7	8163.69	-371.48	6707.75	1884.75	8171.95	94.00	0.37	-0.32	-0.19
	15041.00	90.24	0.26	252.7	8257.69	-371.48	6707.81	1884.81	8265.88	94.00	0.81	0.59	0.56
	15136.00	90.39	359.17	252.7	8352.68	-371.96	6707.29	1884.29	8360.82	95.00	1.16	0.16	-1.15
	15230.00	90.27	359.84	252.7	8446.68	-372.77	6706.75	1883.75	8454.78	94.00	0.72	-0.13	0.71
	15325.00	90.24	359.79	255.4	8541.67	-373.08	6706.32	1883.32	8549.72	95.00	0.06	-0.03	-0.05
	15419.00	90.21	359.98	255.4	8635.67	-373.26	6705.95	1882.95	8643.65	94.00	0.20	-0.03	0.20
	15514.00	90.55	0.72	255.4	8730.67	-372.68	6705.32	1882.32	8738.55	95.00	0.86	0.36	0.78
	15608.00	90.76	0.56	255.4	8824.66	-371.63	6704.25	1881.25	8832.43	94.00	0.28	0.22	-0.17
	15703.00	89.75	0.05	255.4	8919.65	-371.13	6703.83	1880.83	8927.33	95.00	1.19	-1.06	-0.54
	15797.00	89.22	0.27	255.4	9013.65	-370.87	6704.67	1881.67	9021.25	94.00	0.61	-0.56	0.23
	15892.00	89.44	0.20	255.4	9108.64	-370.48	6705.78	1882.78	9116.16	95.00	0.24	0.23	-0.07
	15986.00	90.52	0.28	255.4	9202.64	-370.08	6705.82	1882.82	9210.07	94.00	1.15	1.15	0.09
	16081.00	90.27	0.24	255.4	9297.64	-369.65	6705.16	1882.16	9304.98	95.00	0.27	-0.26	-0.04
	16175.00	90.55	0.63	255.4	9391.63	-368.94	6704.49	1881.49	9398.87	94.00	0.51	0.30	0.41
	16269.00	90.45	0.43	255.4	9485.62	-368.07	6703.67	1880.67	9492.76	94.00	0.24	-0.11	-0.21
	16363.00	90.33	0.39	255.4	9579.62	-367.40	6703.03	1880.03	9586.66	94.00	0.13	-0.13	-0.04
	16458.00	90.33	0.29	255.4	9674.61	-366.83	6702.48	1879.48	9681.56	95.00	0.11	0.00	-0.11
	16553.00	90.15	0.03	255.4	9769.61	-366.57	6702.08	1879.08	9776.48	95.00	0.33	-0.19	-0.27
	16635.00	90.39	0.73	255.4	9851.61	-366.02	6701.70	1878.70	9858.39	82.00	0.90	0.29	0.85
Projection	16659.00	90.39	0.73	N/A	9875.61	-365.72	6701.53	1878.53	9882.36	24.00	0.00	-0.00	-0.00