

	Wellsite	Wellsite		Wellsite	Wellsite		Wellsite	Wellsite
Andrew Hays	2019-12-07	2019-12-09	Tien Bui	2019-12-09	2019-12-11			

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+ (%)
2019-12-07 18:51	1	1963.00	Oil Based Mud	9.2	10	N/A	19.5	76.8/23.2	Active Pit	29000	0.00
2019-12-10 11:56	1	14550.00	Oil Based Mud	9.5	14	N/A	19.2	79.5/20.5	Active Pit	27900	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	12077516	Near Bit VSS	5.93	6.73	7.500	4.330
1	AutoTrak Curve Steering Unit	12077516	Near Bit Inclination	5.93	6.73	7.500	4.330
1	AutoTrak Curve MWD	14705263	Gamma (single)	2.77	12.90	7.000	3.250
1	AutoTrak Curve MWD	14705263	Directional (mag)	12.27	22.40	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

- | | |
|---|---|
| 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 3/4 inch NaviGamma service (Gamma Ray and Directional) behind an 8 1/2 inch bit and rotary steerable assembly from 1963 to 17023 feet MD (1963 to 6699 feet TVD). |
| 3 | The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request. |

Remarks

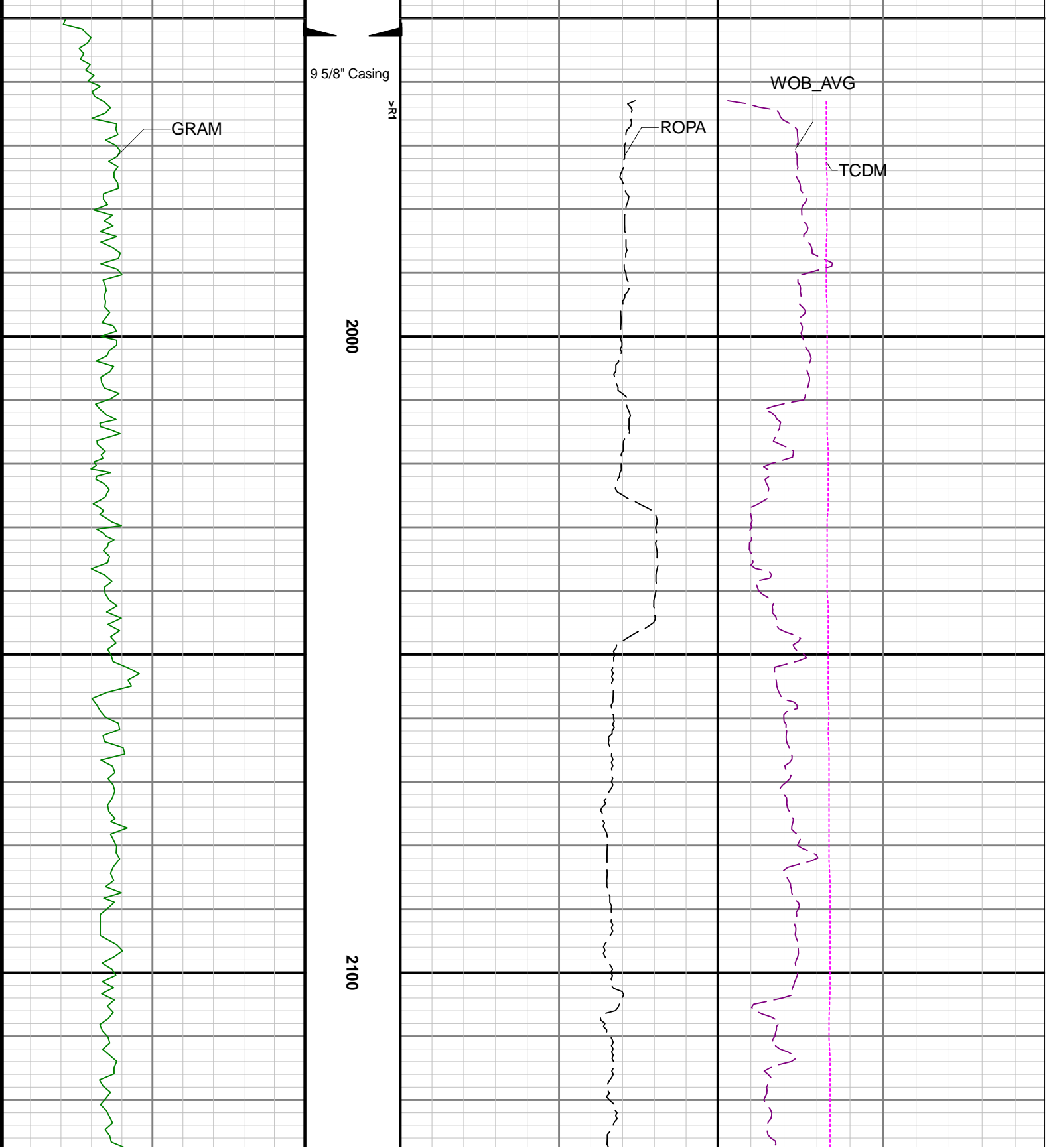
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	2547.00	8.500	1	The interval from 2547 to 2566 feet MD (2546 to 2564 feet TVD) and other small sections were not logged due to tool not power up.

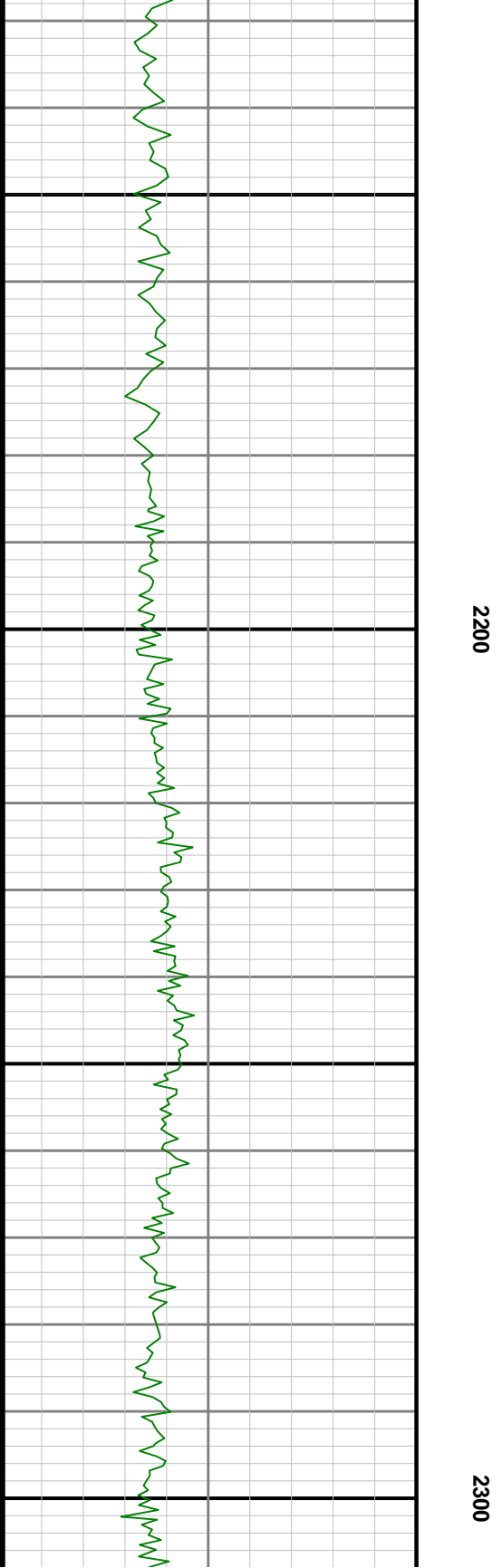
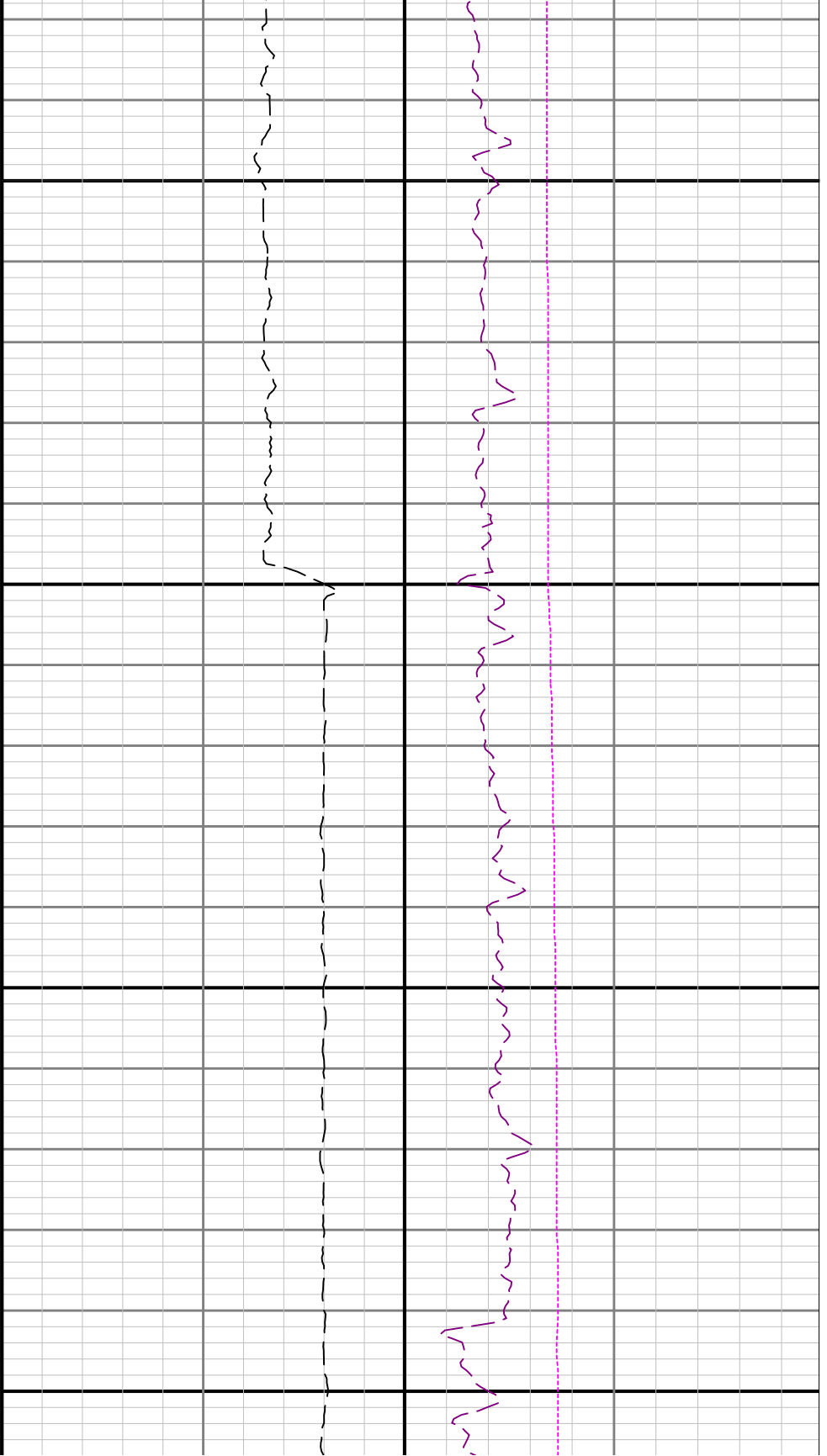
Curve Mnemonics

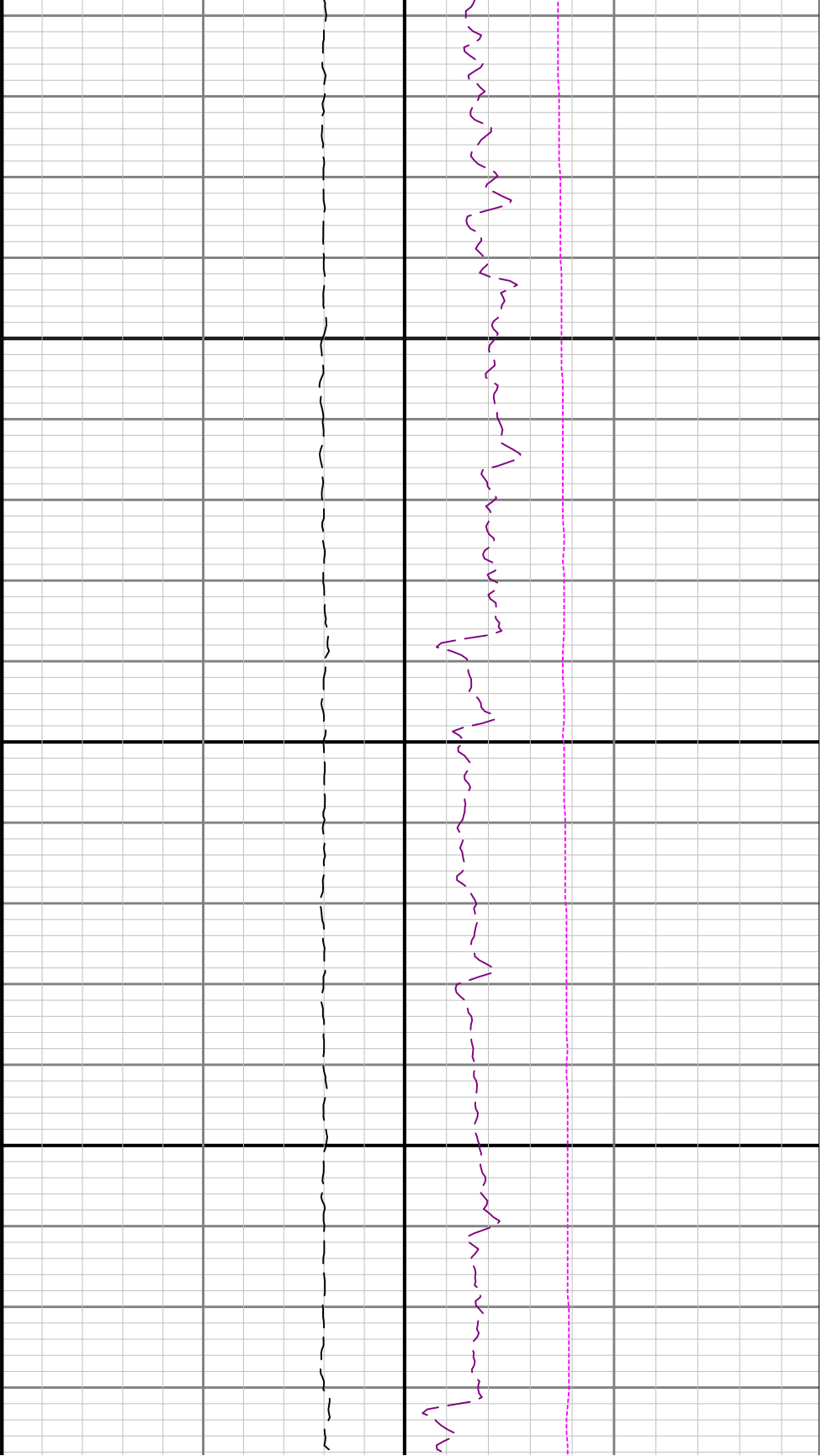
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOB_AVG	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
TCDM	Directional Real-Time Survey Temperature	degF

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 WOB_AVG 0 50
API		ft/h	klb
			Downhole Temperature TCDM 0 300
			degF

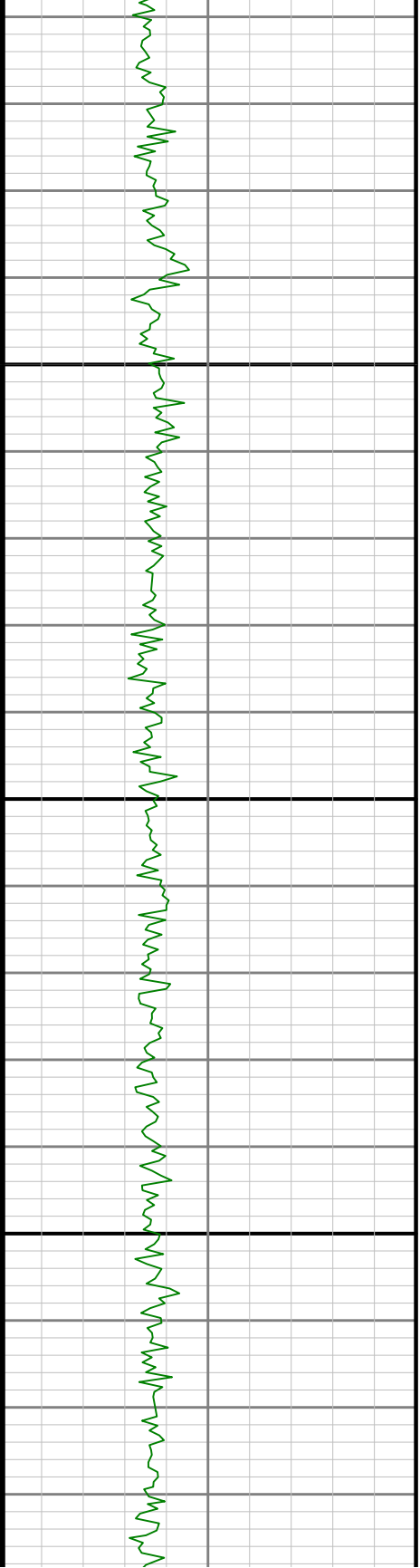
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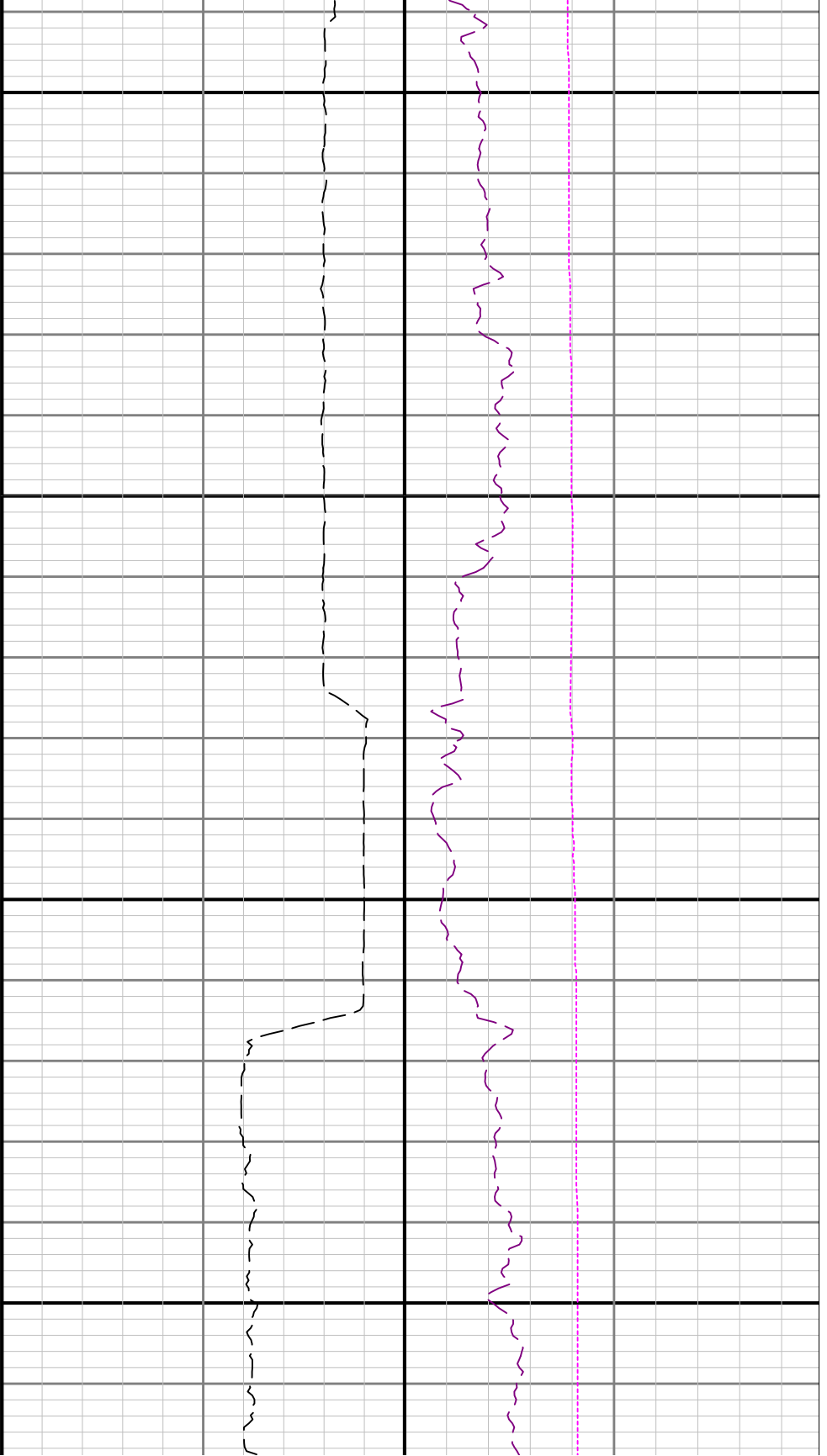






2400



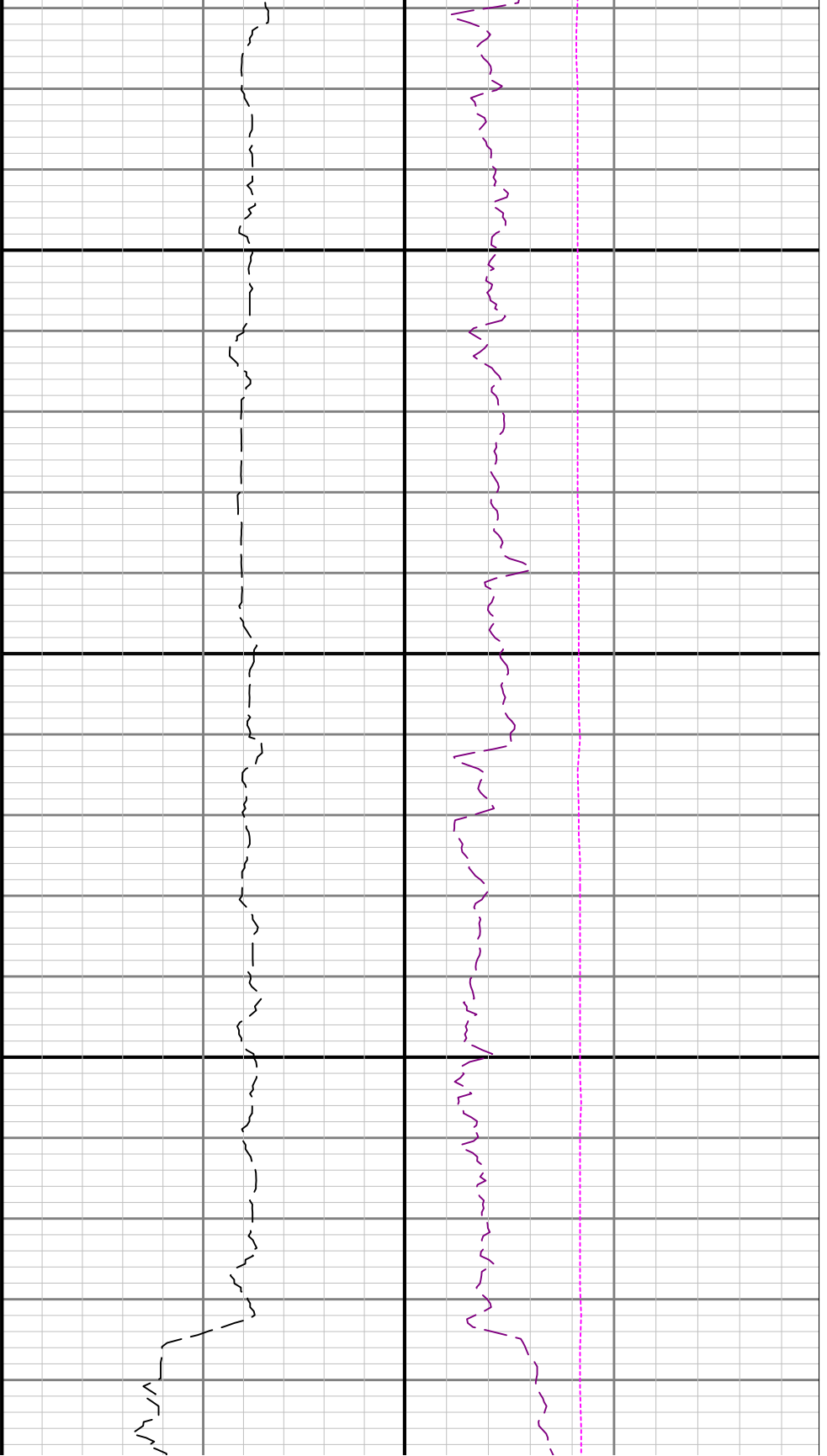


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2600

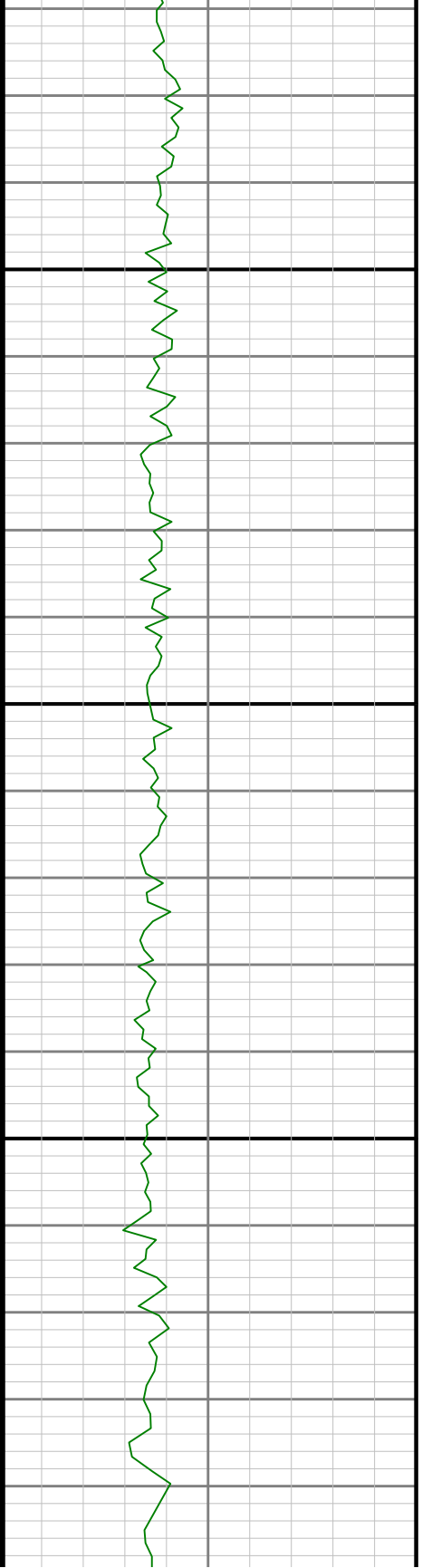
See Remark 1

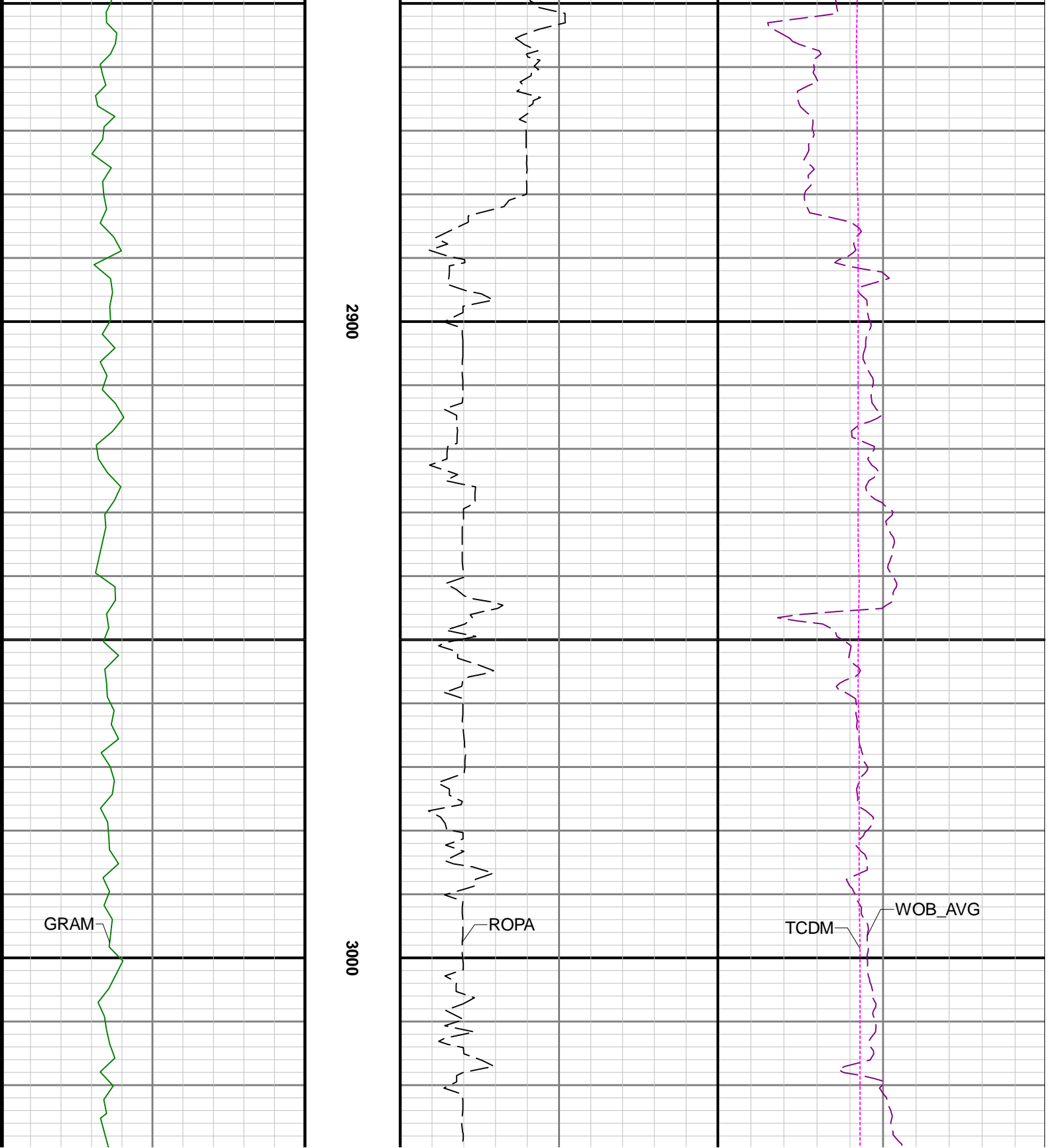




2700

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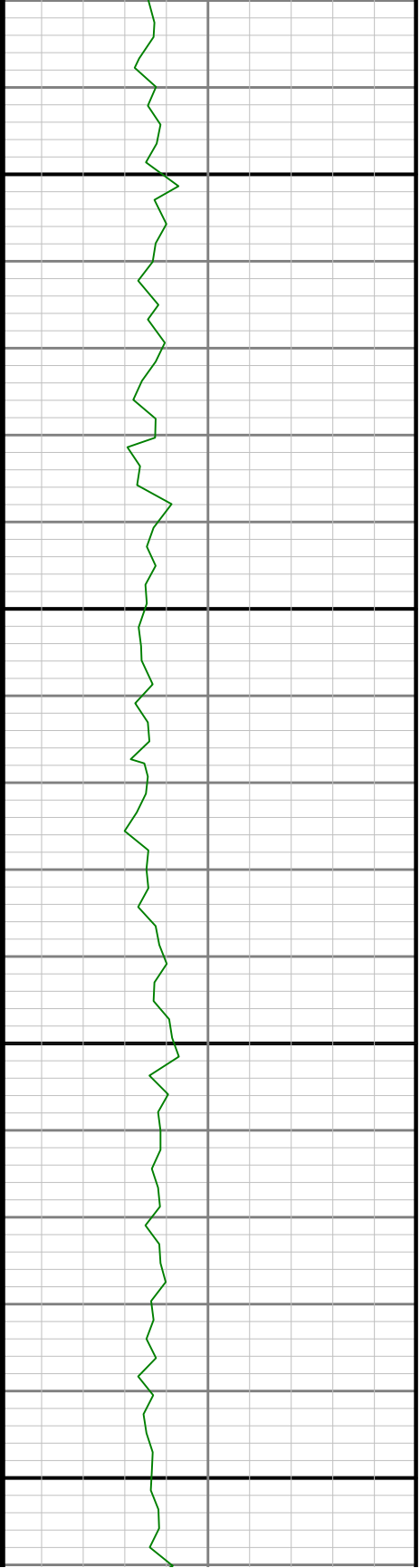


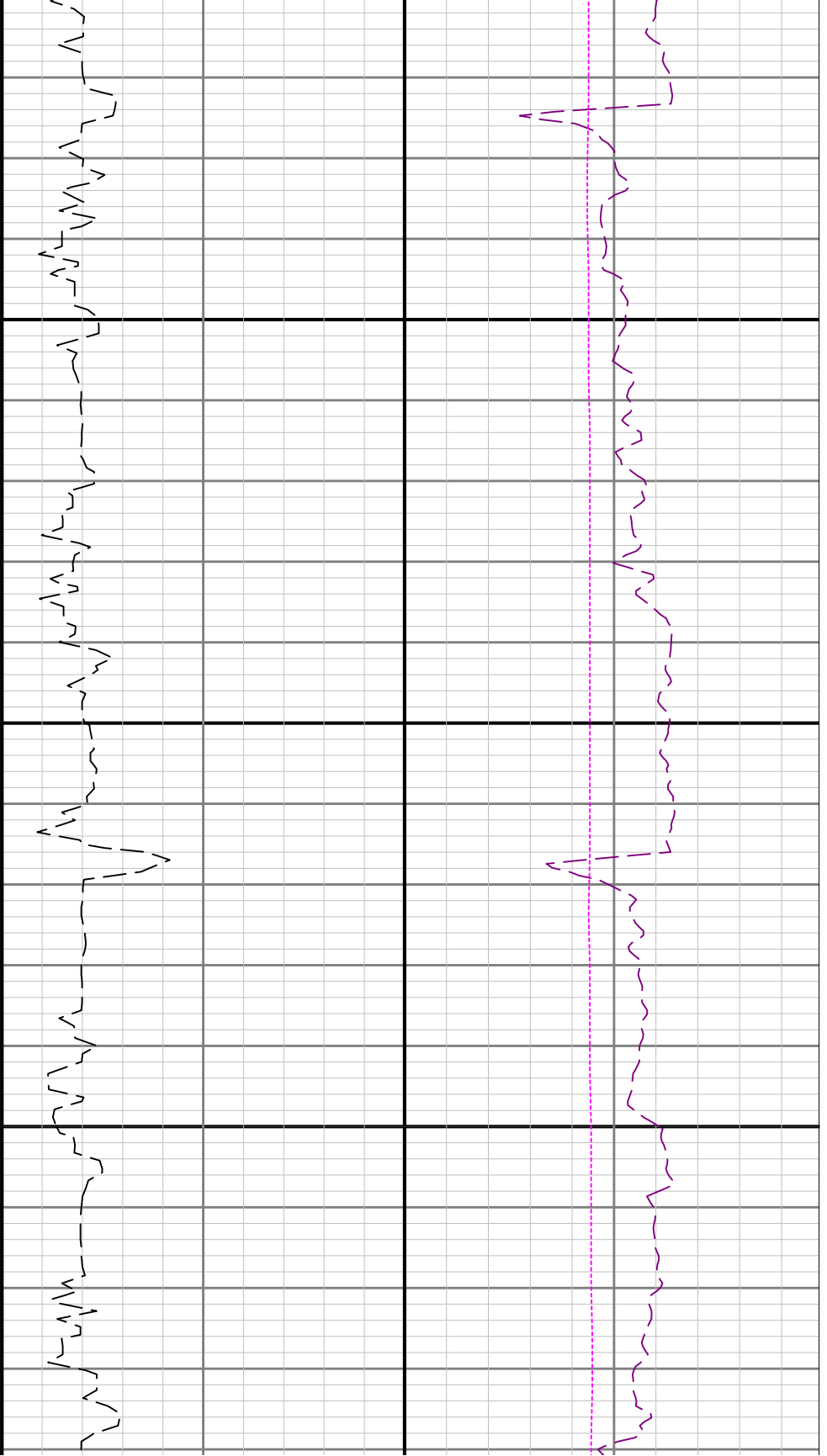




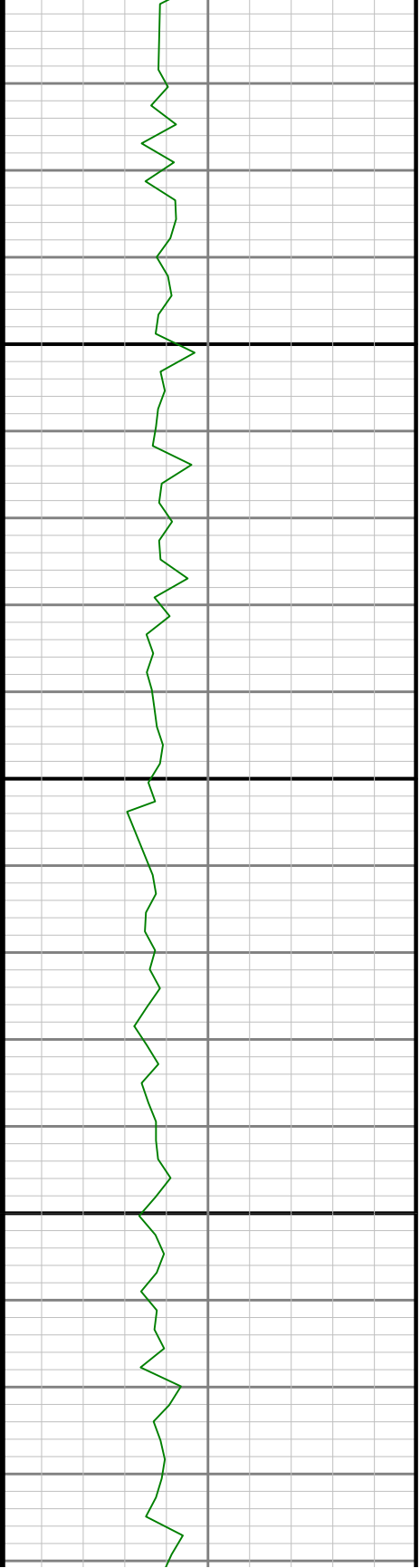
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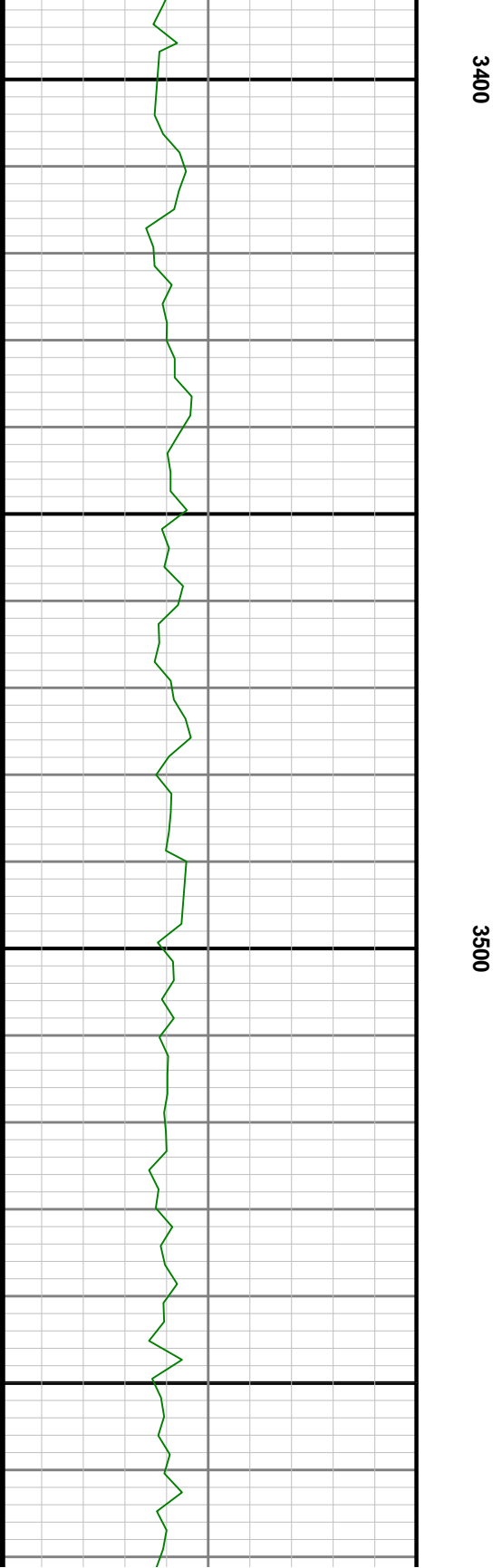
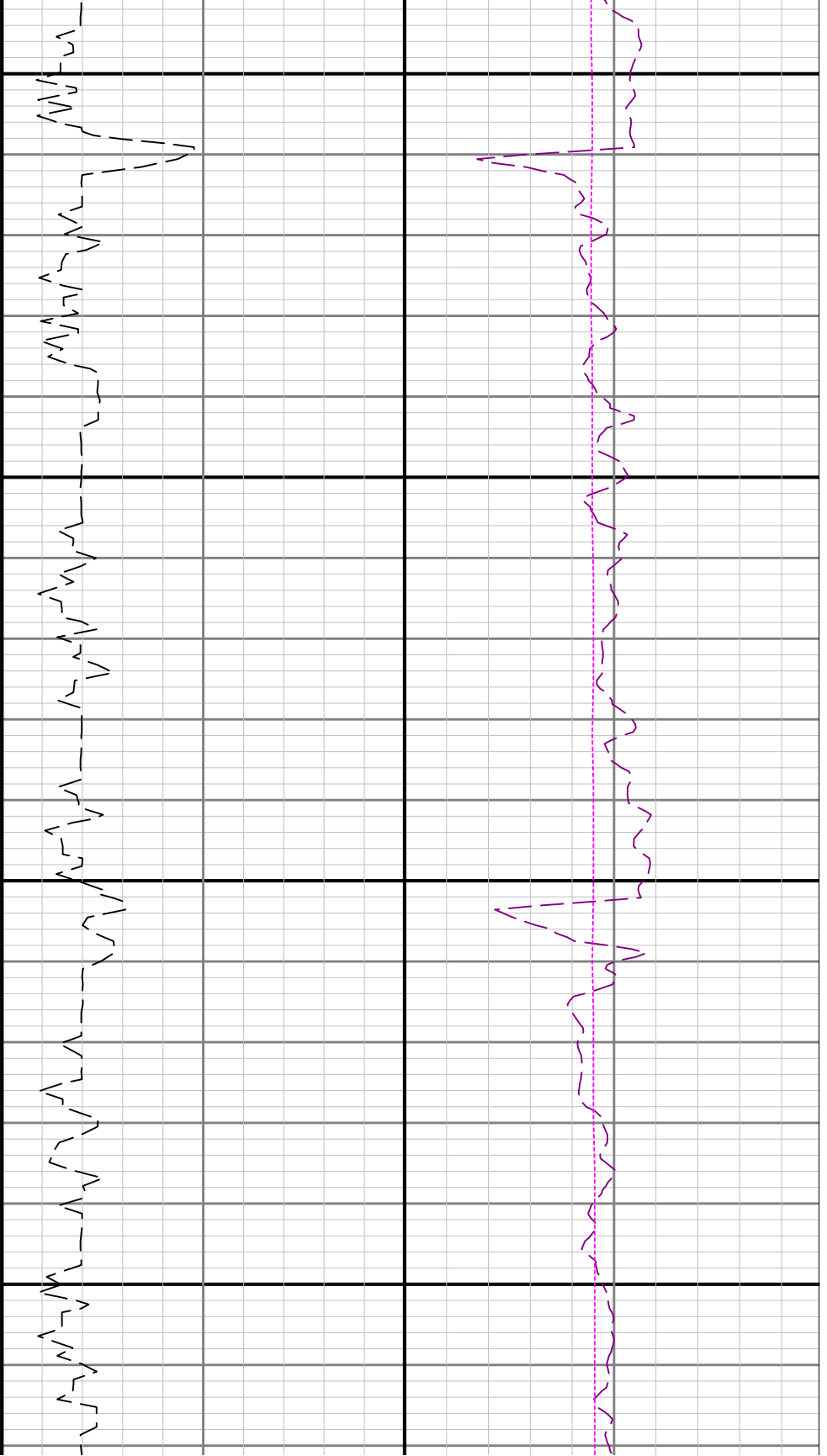
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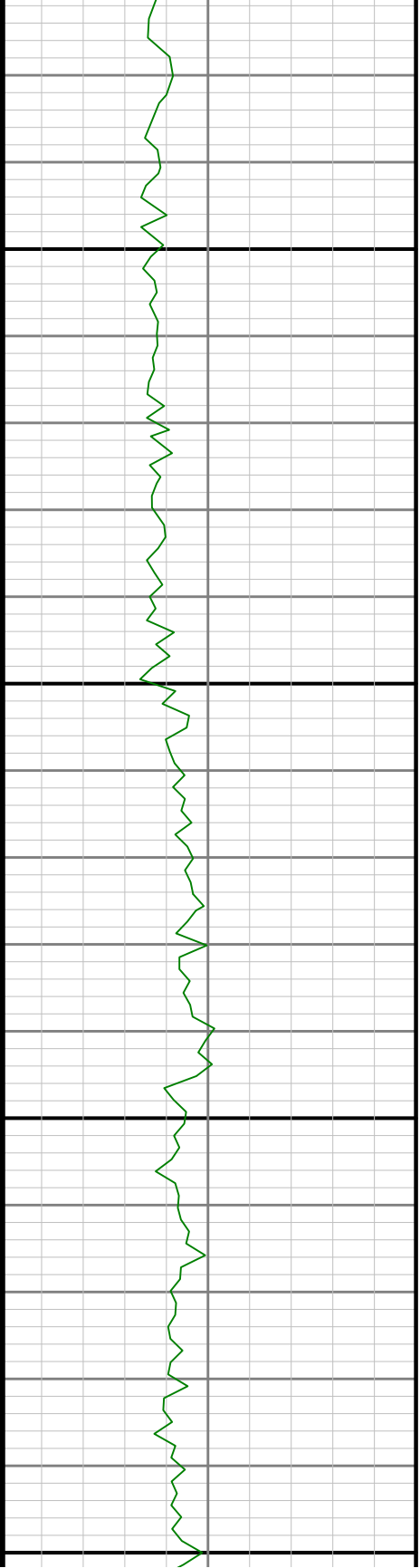


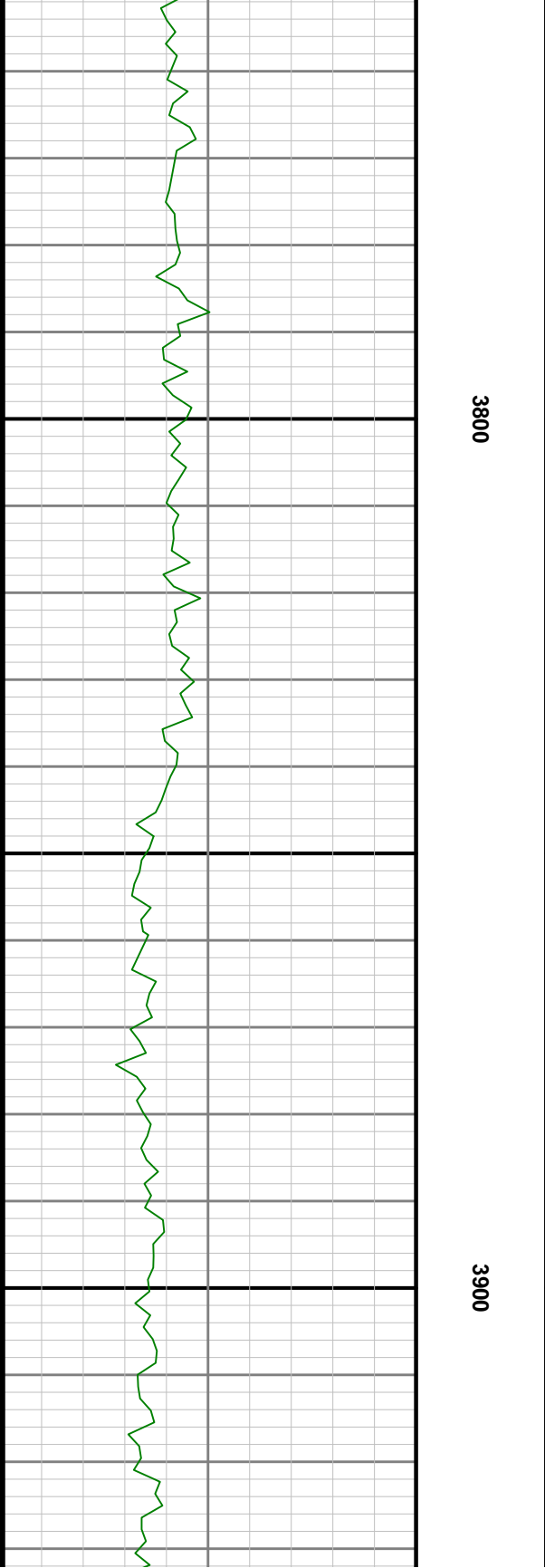
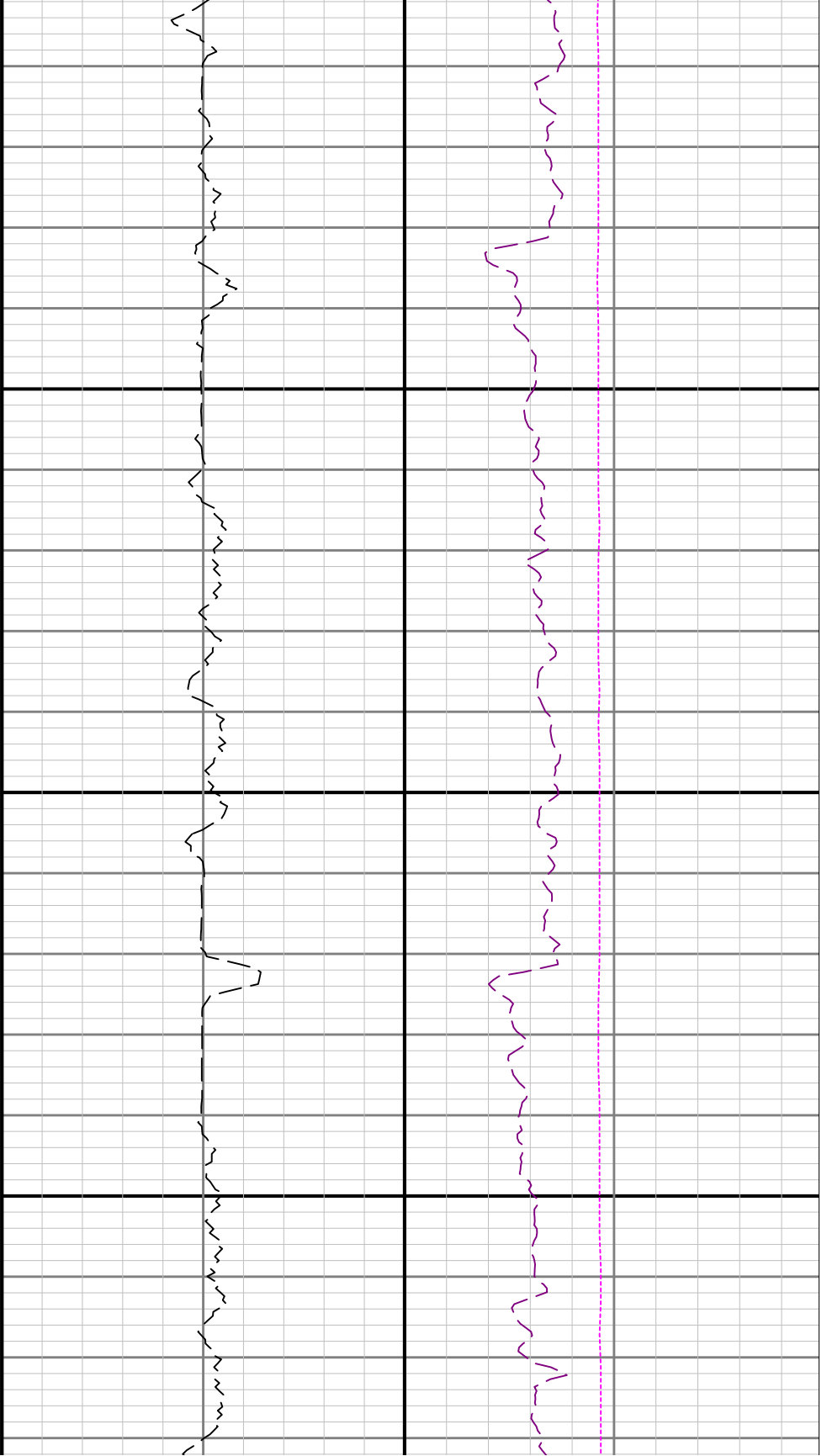


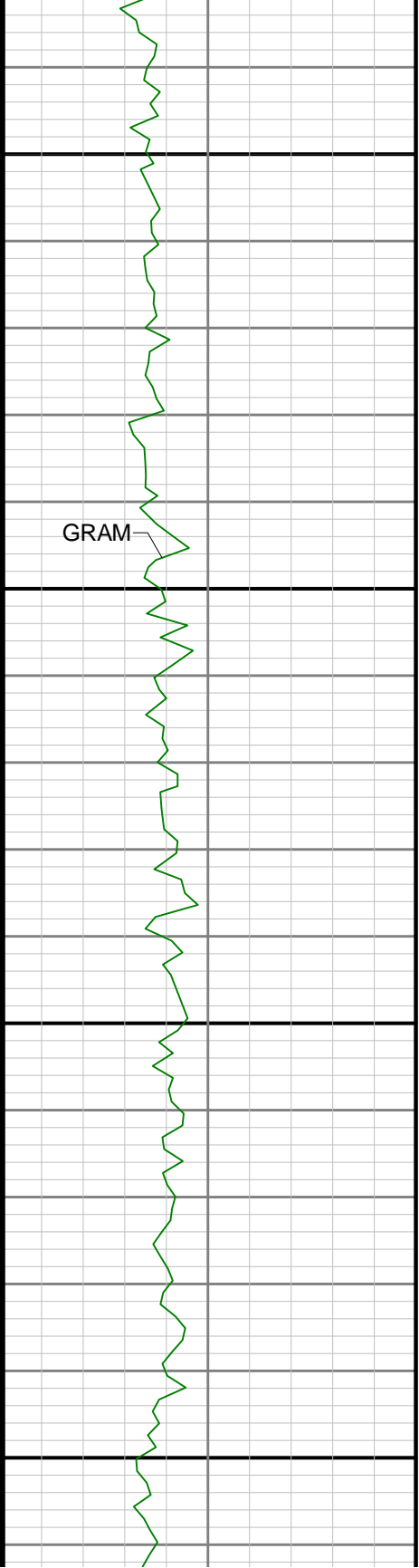
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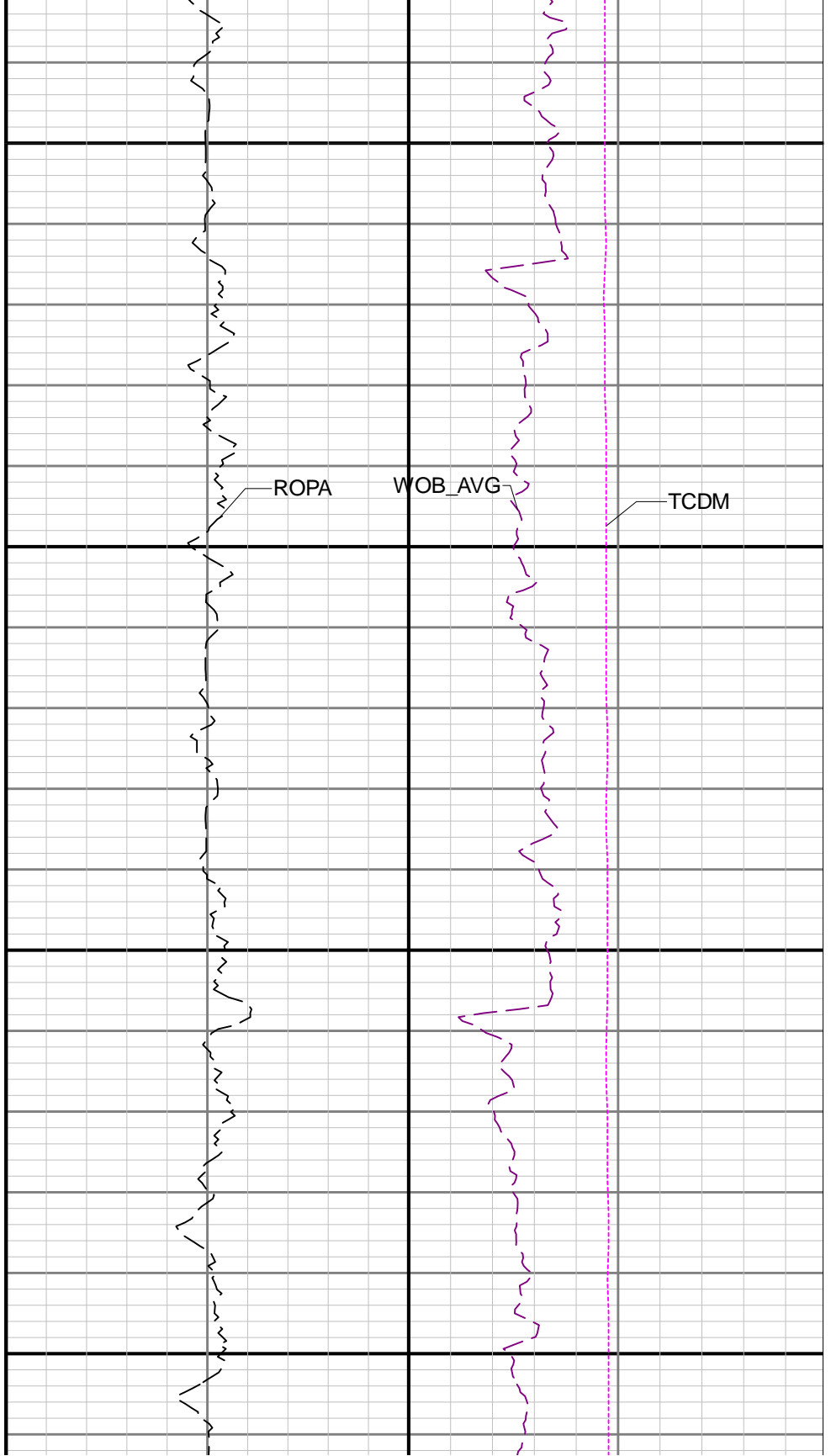


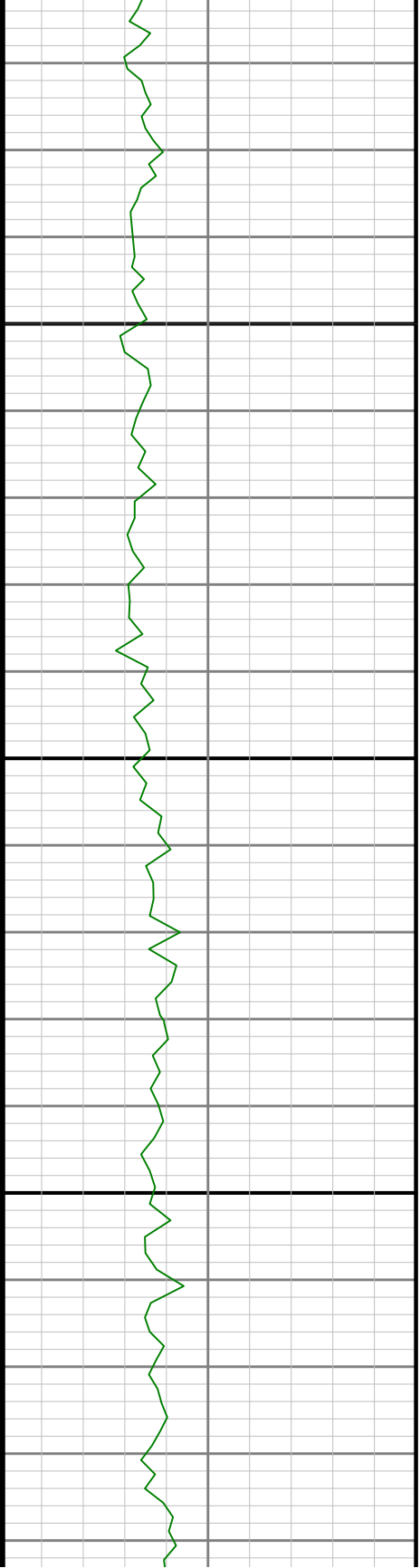
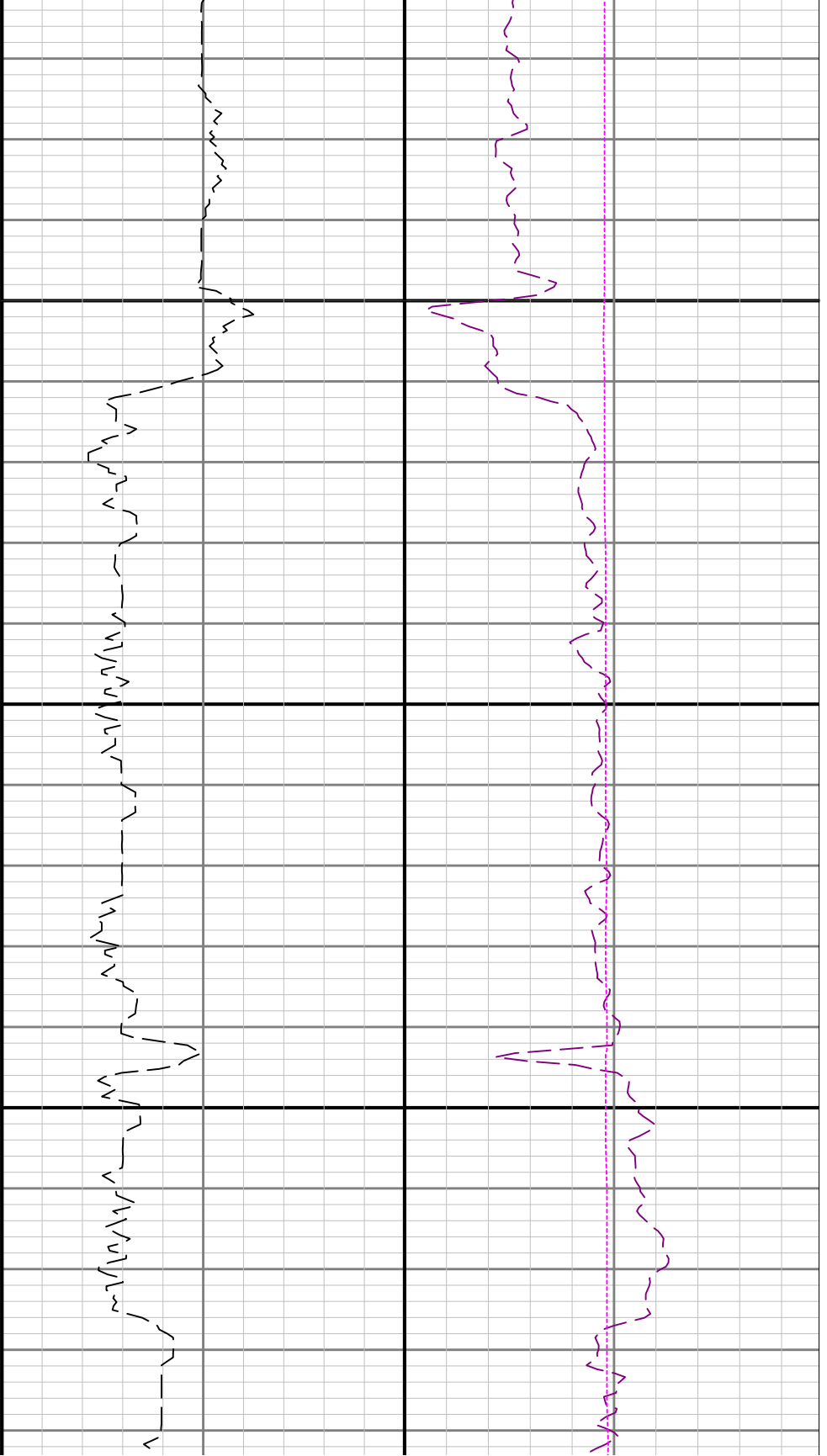


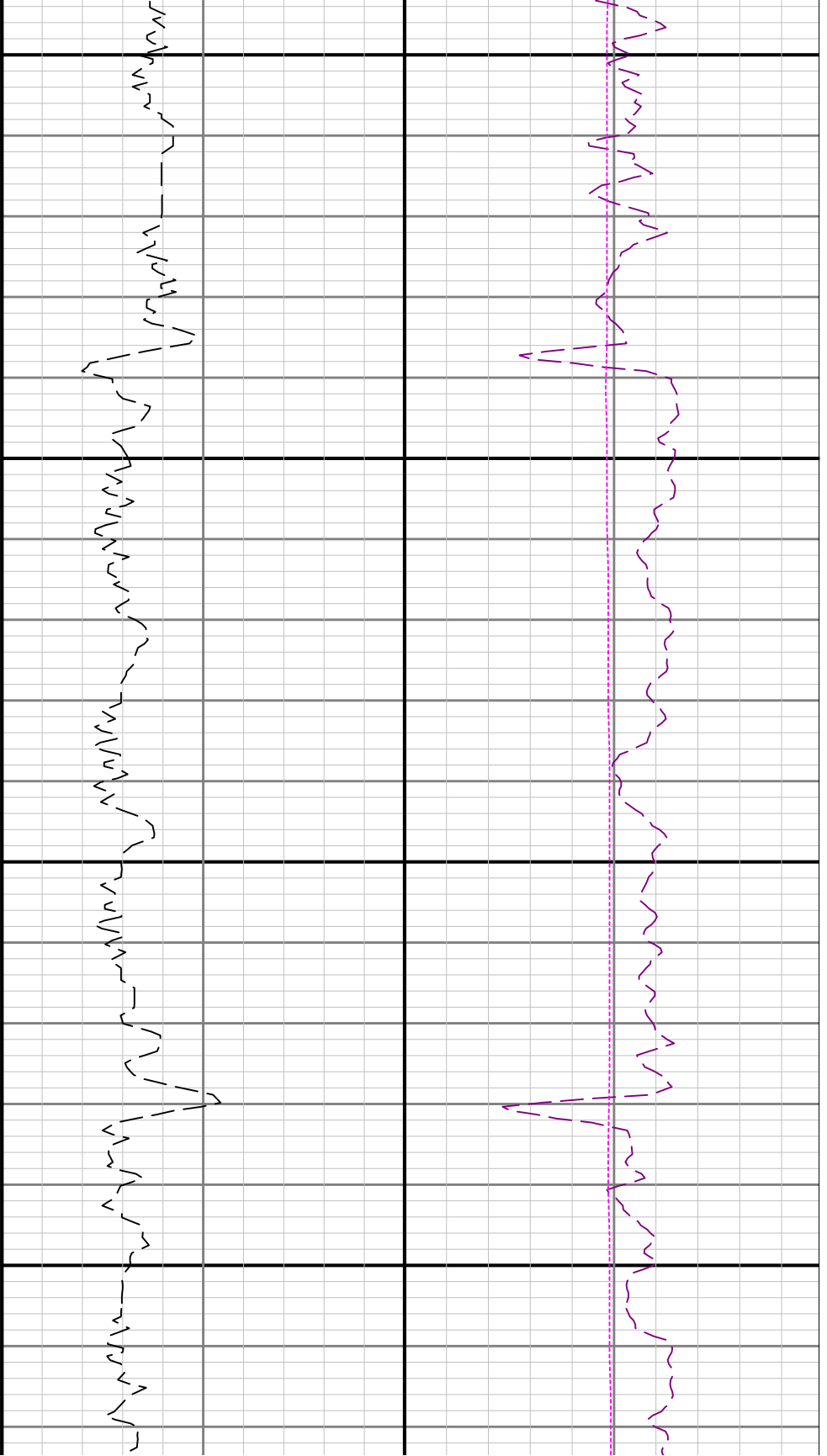


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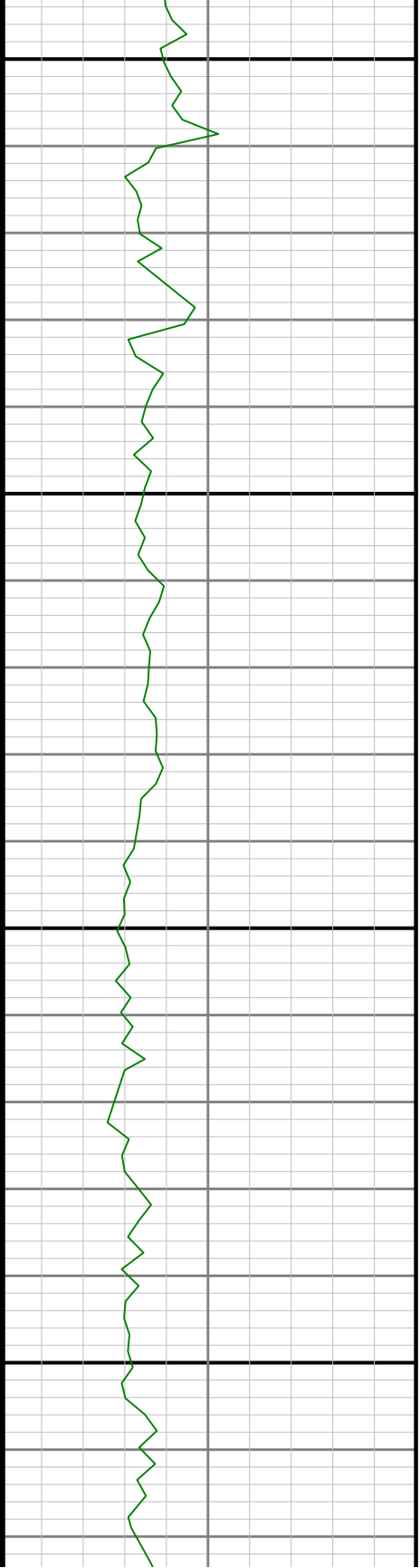


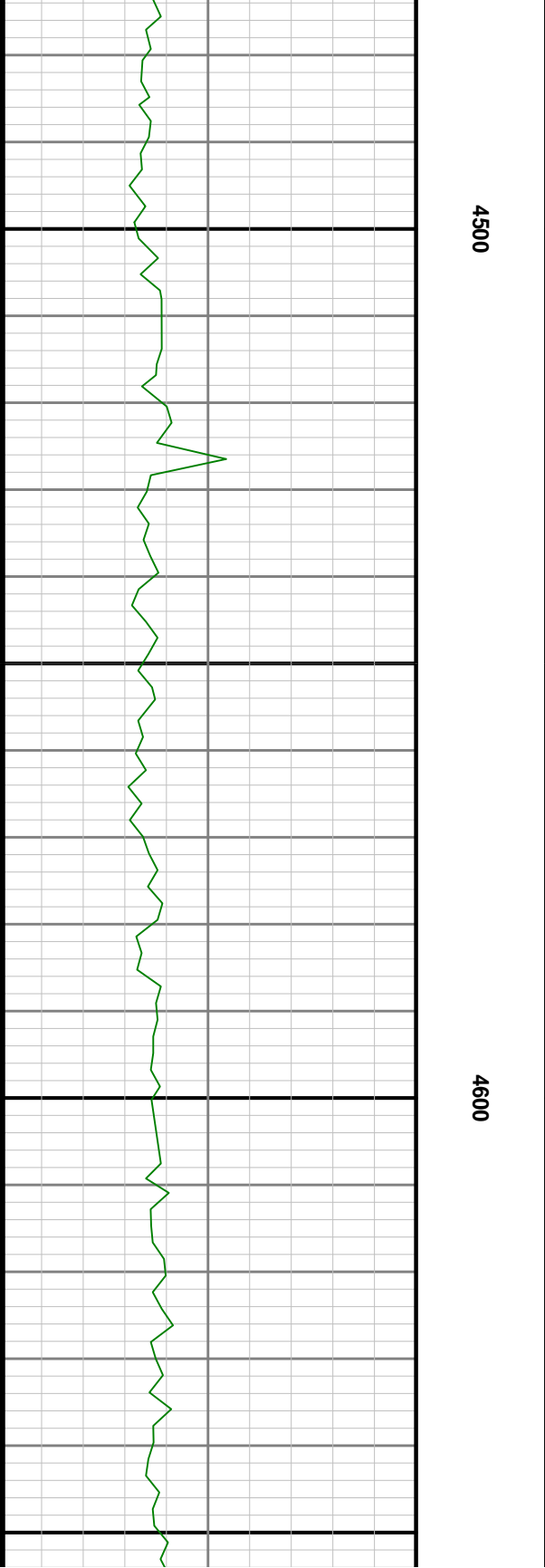
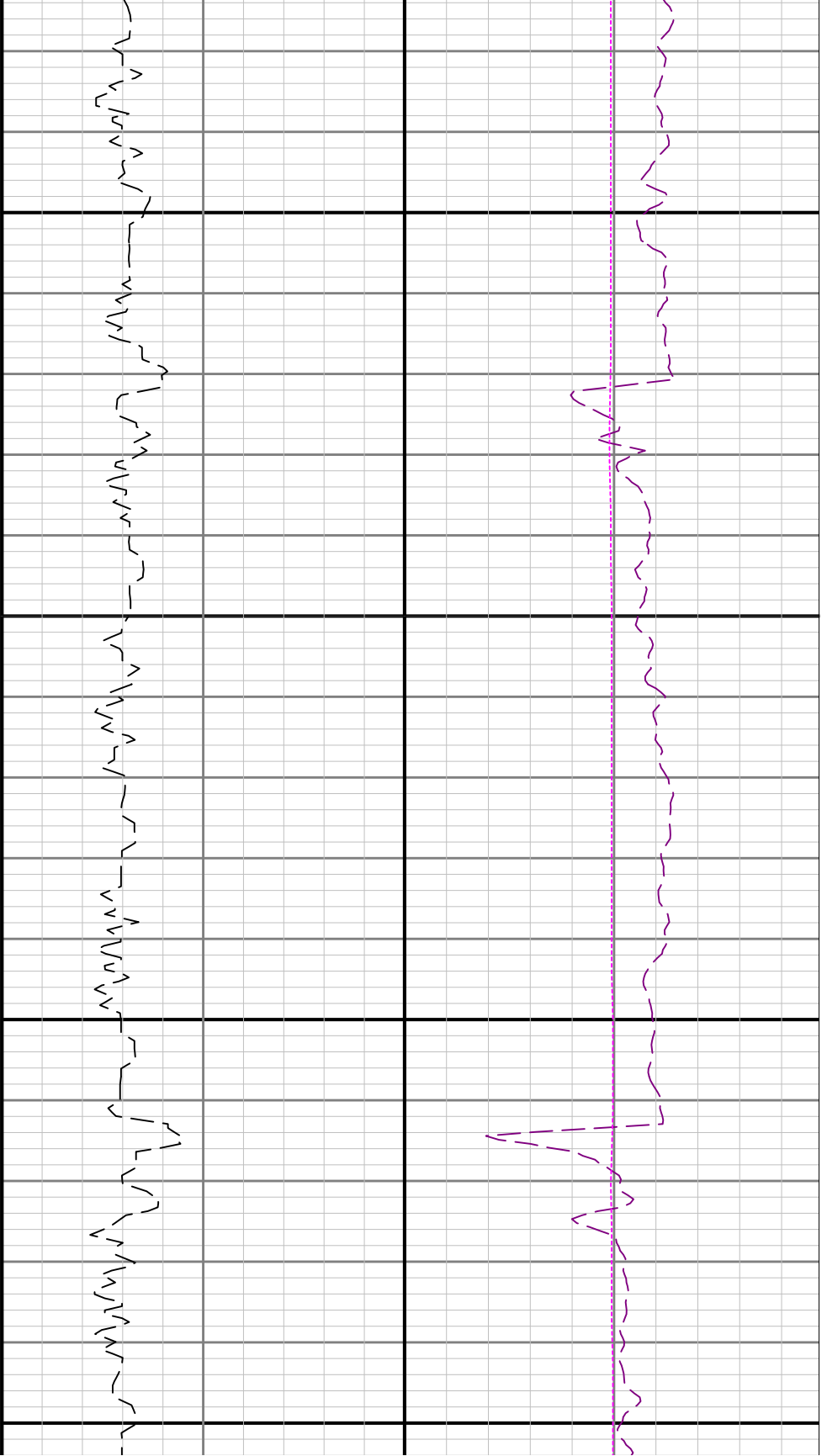


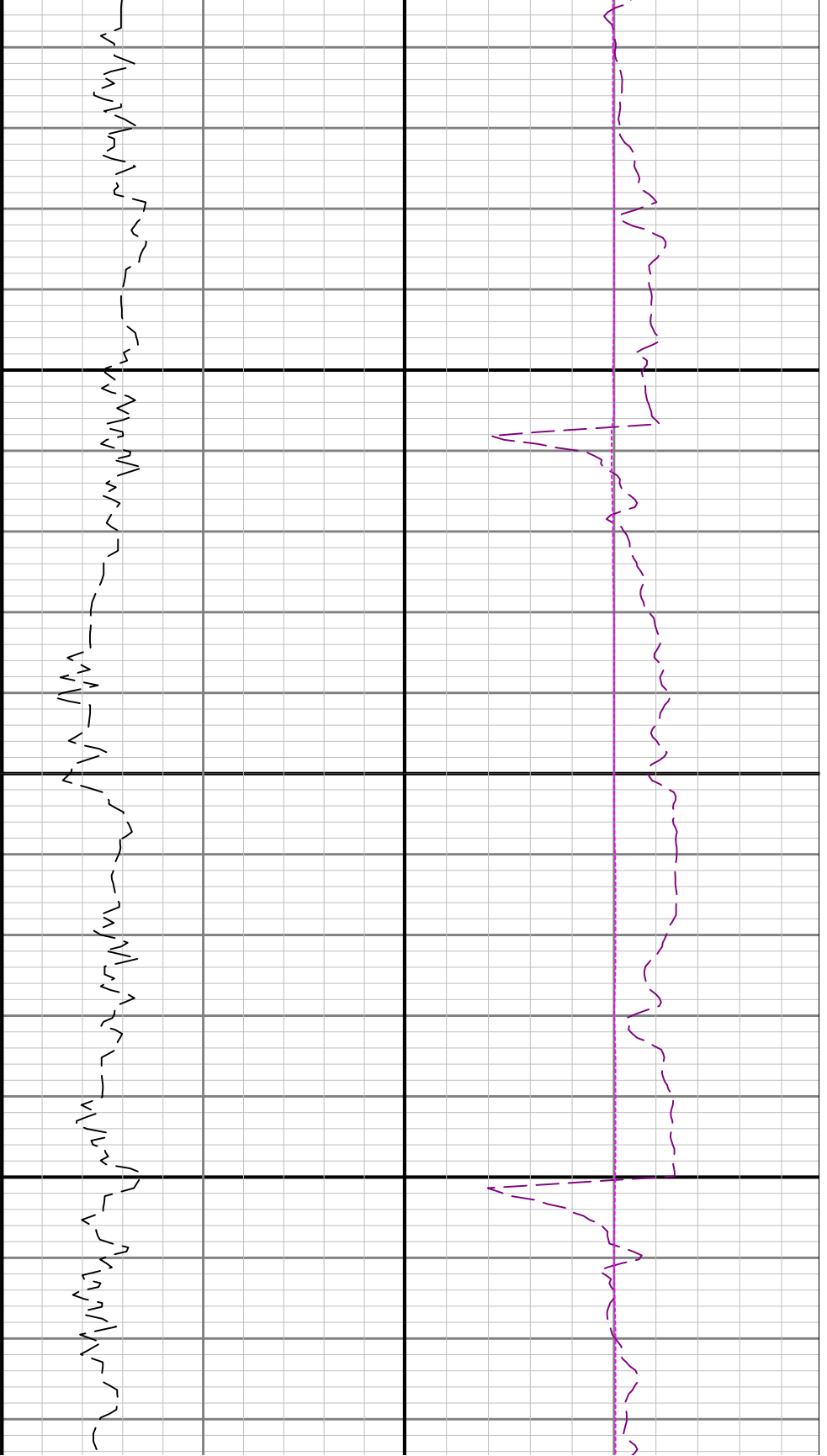


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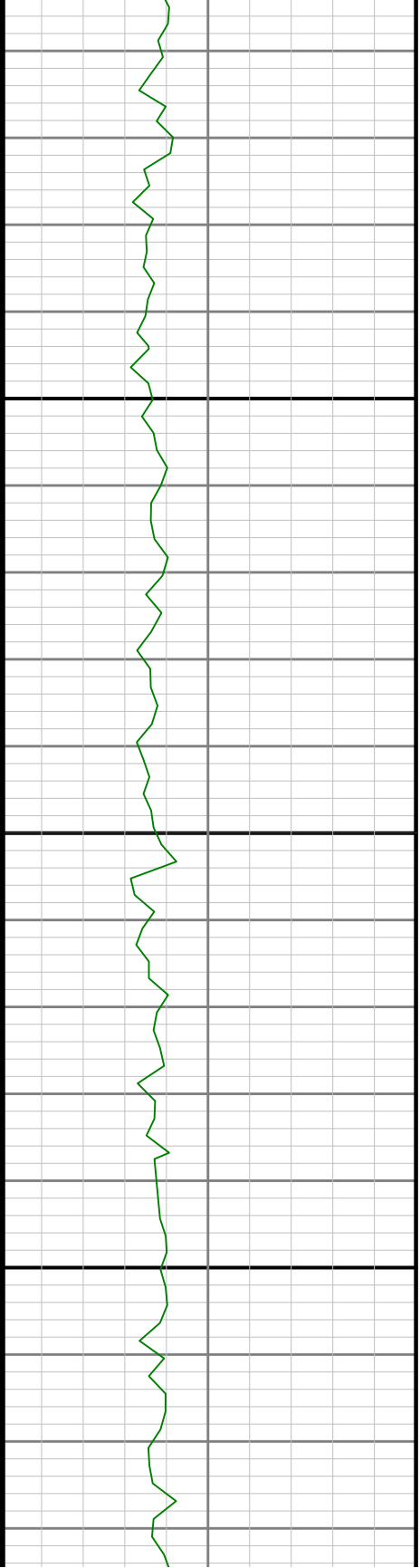


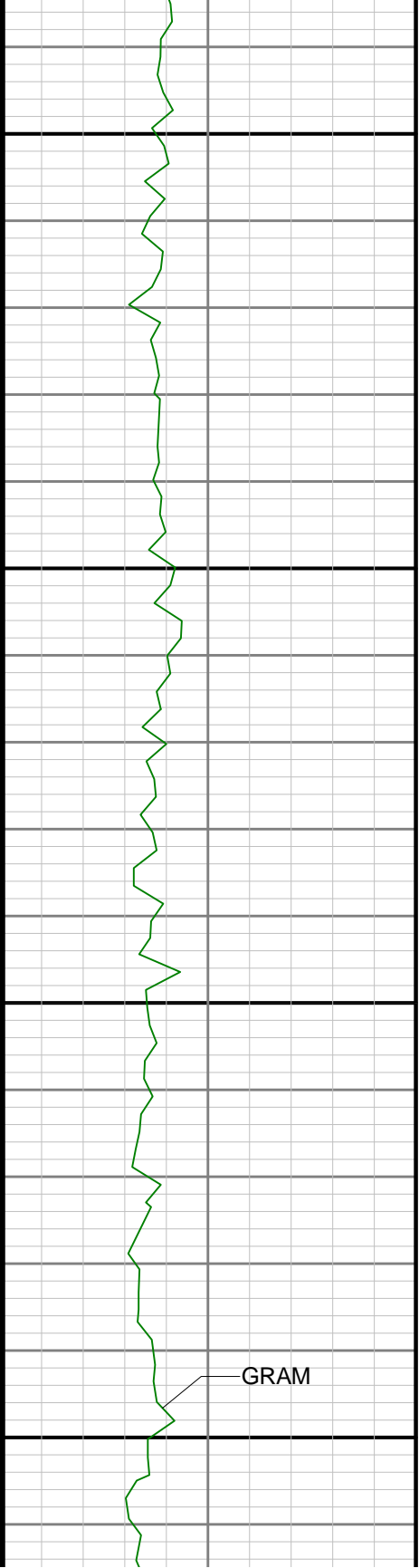




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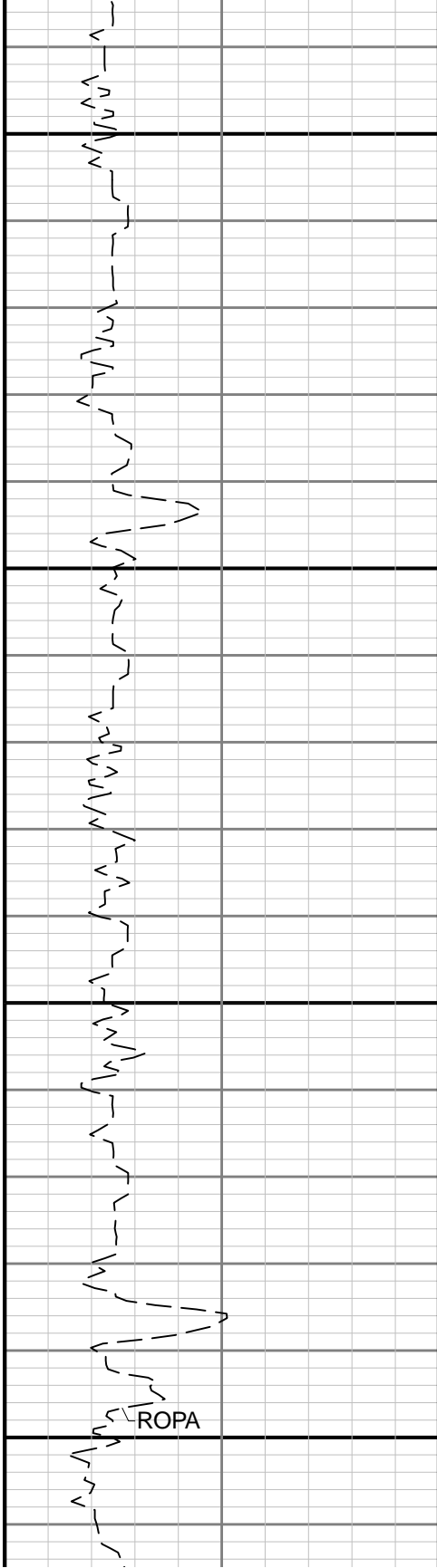




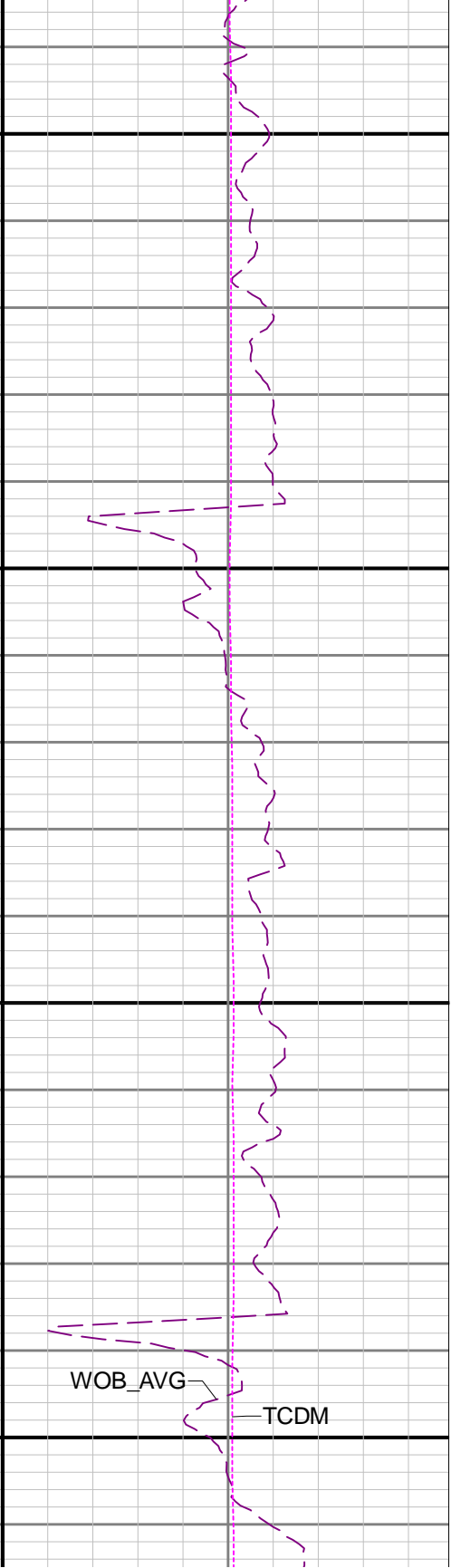
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5000

GRAM



ROPA

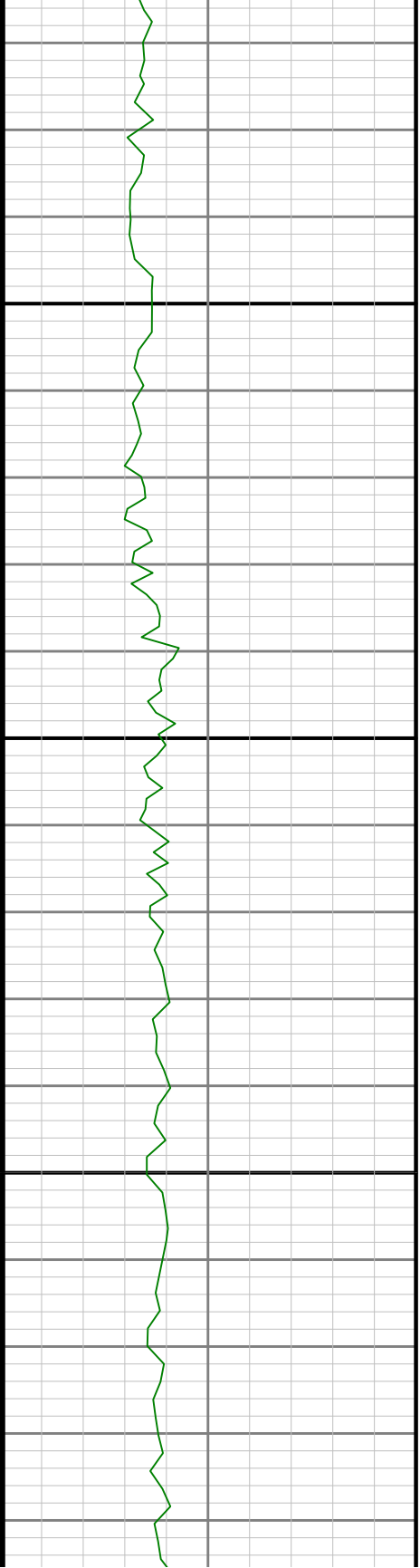


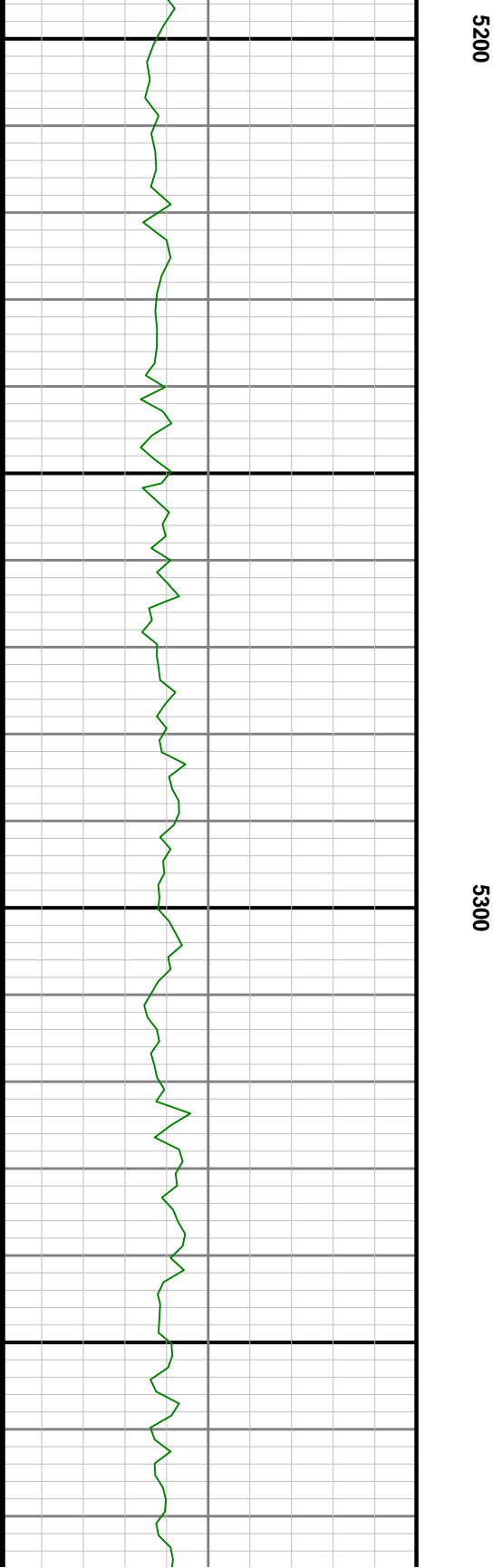
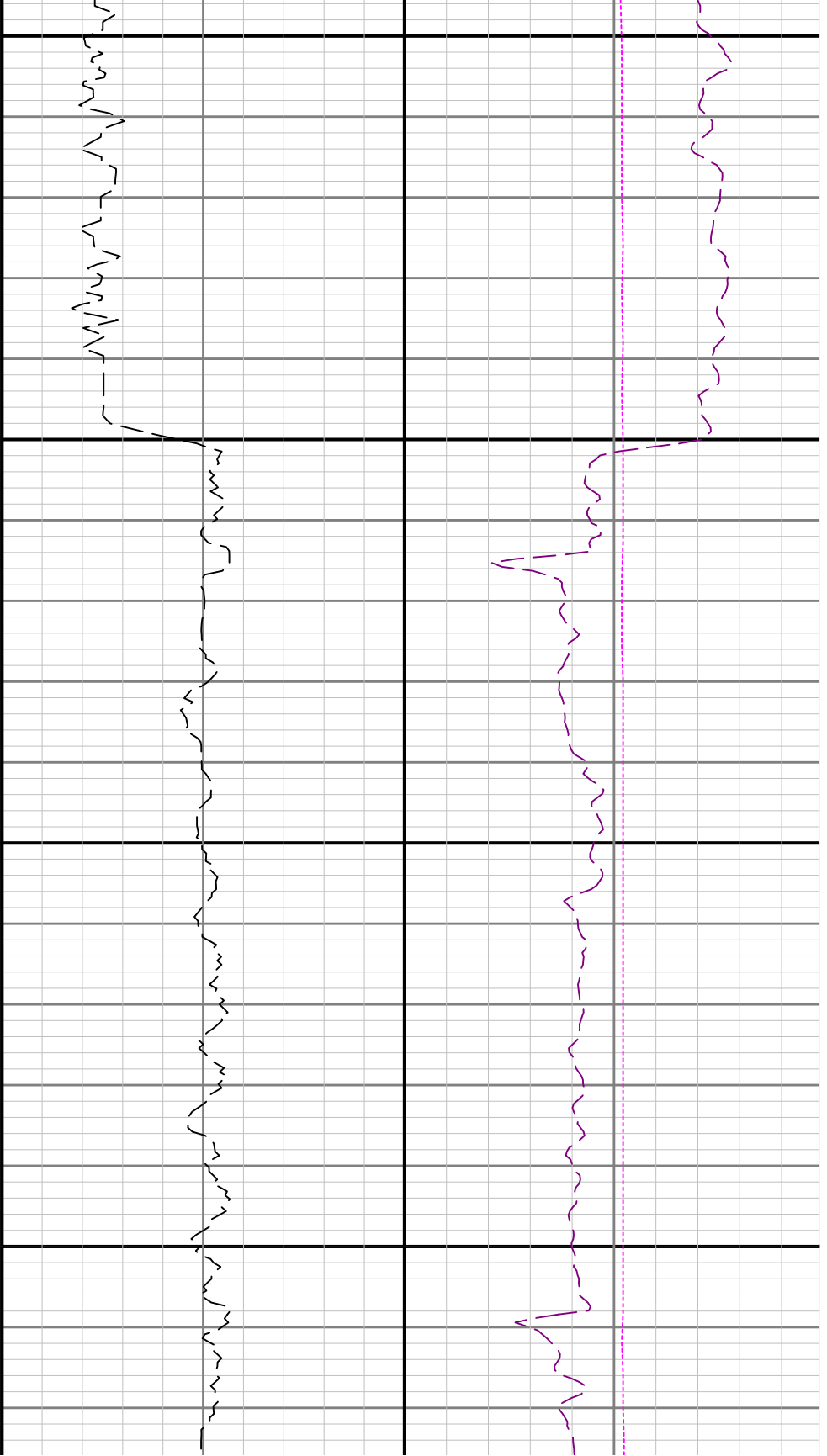
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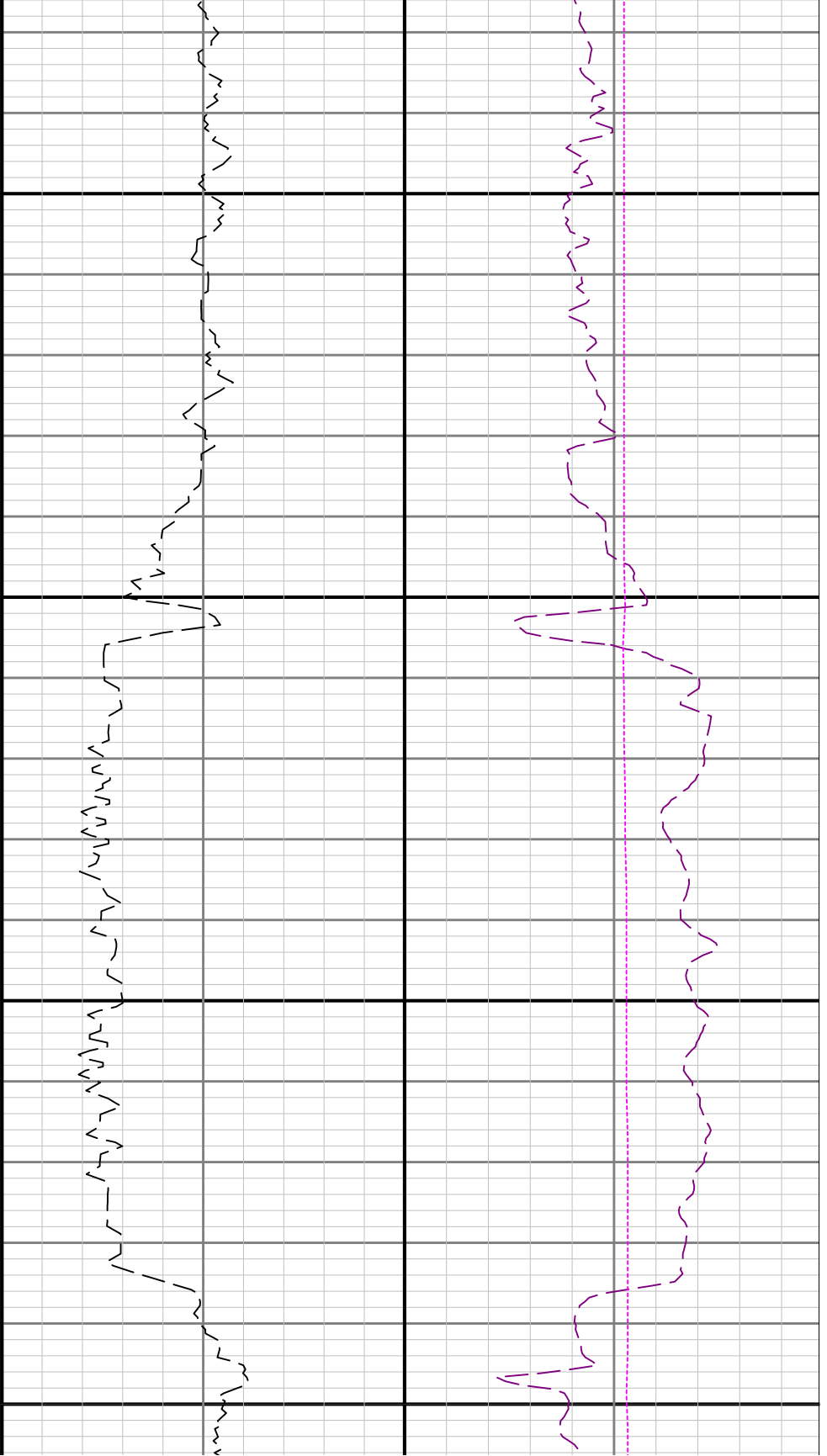
TCDM



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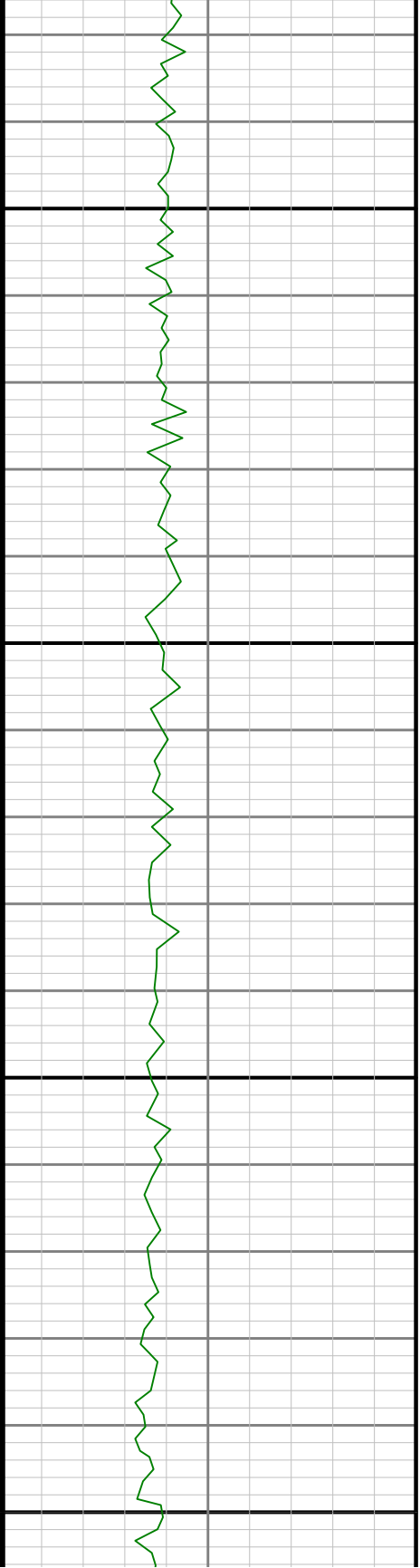


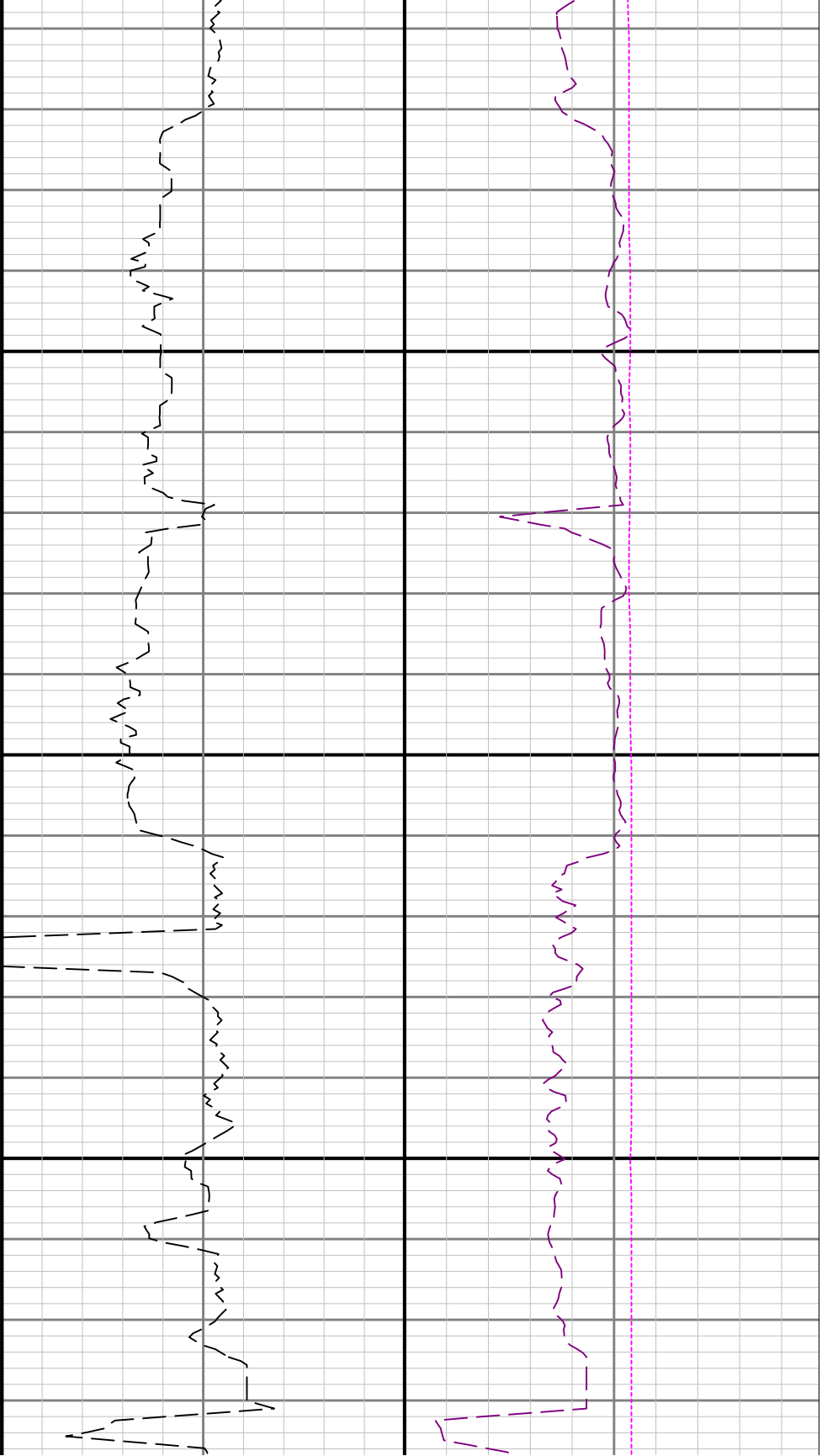




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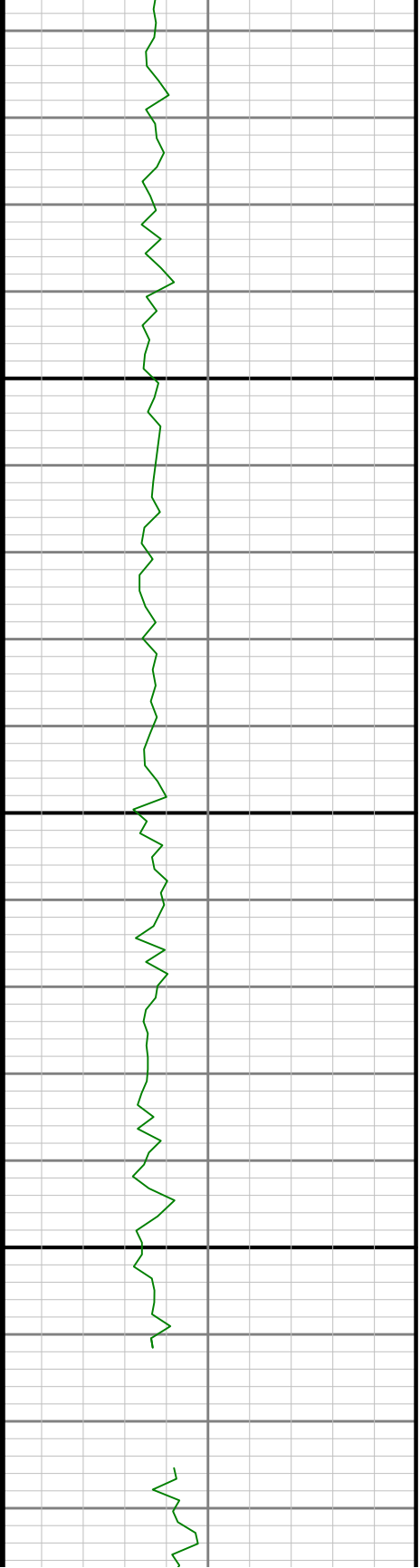
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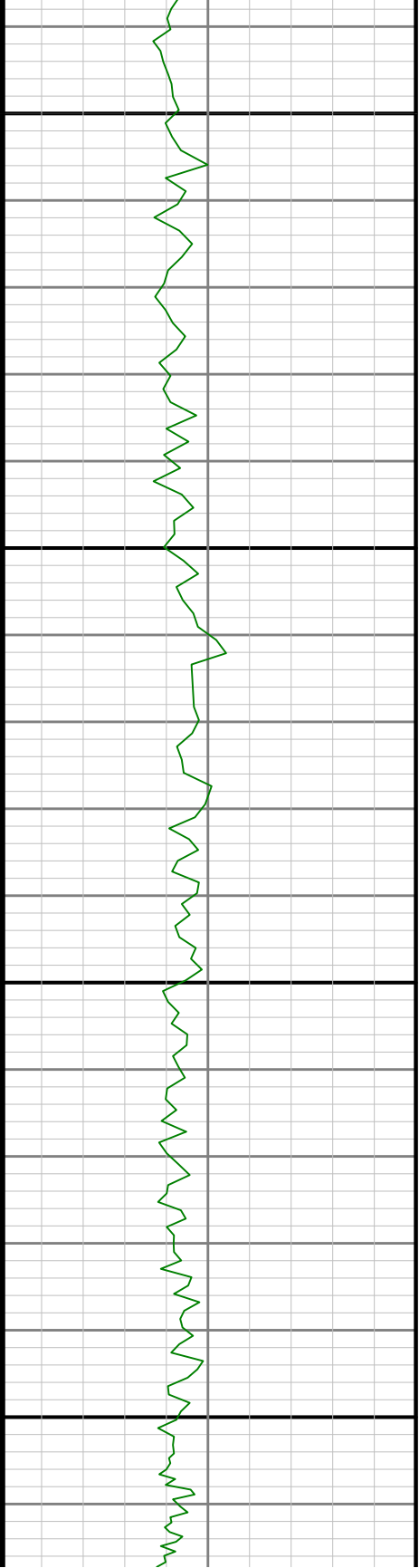




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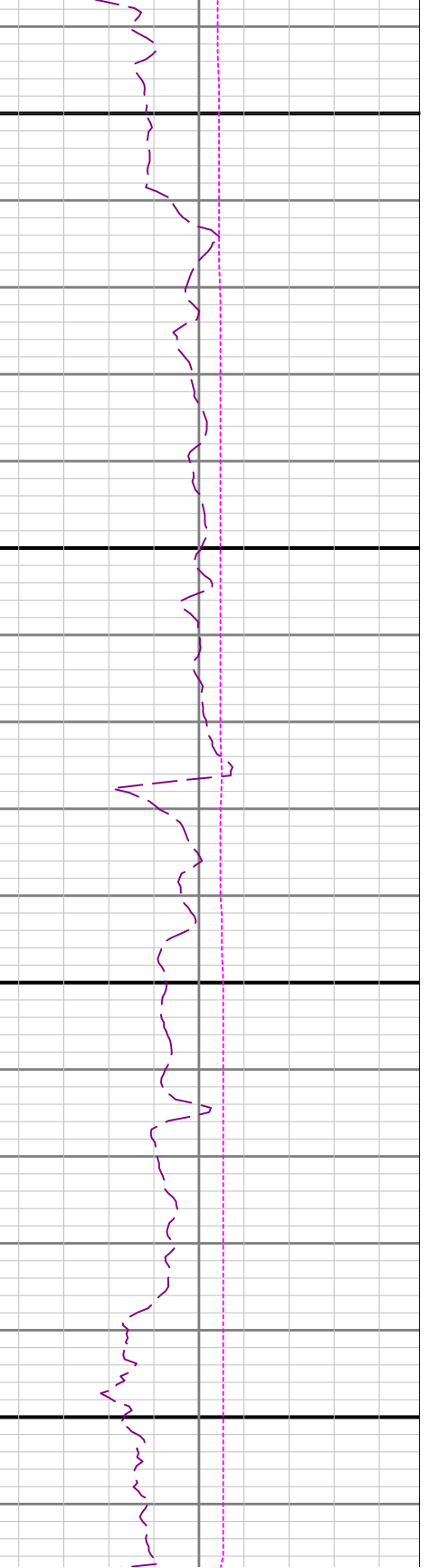
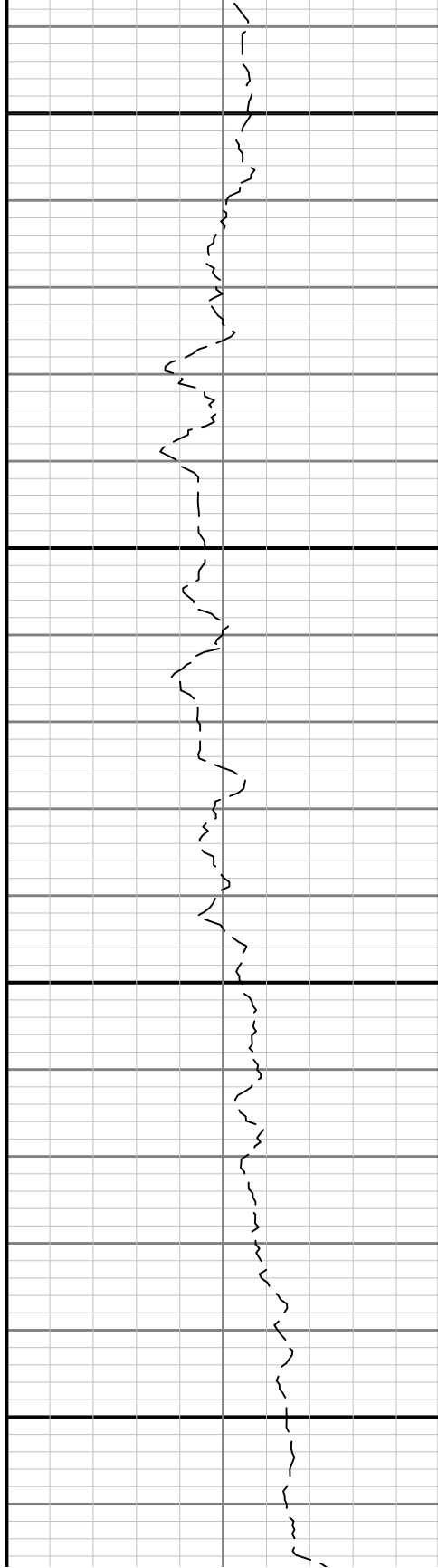
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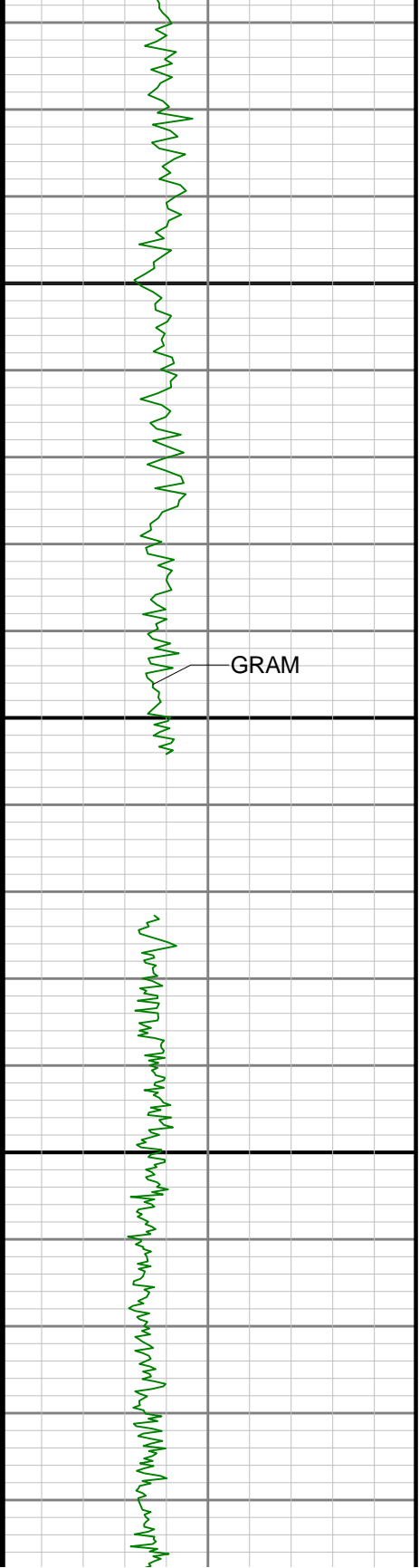




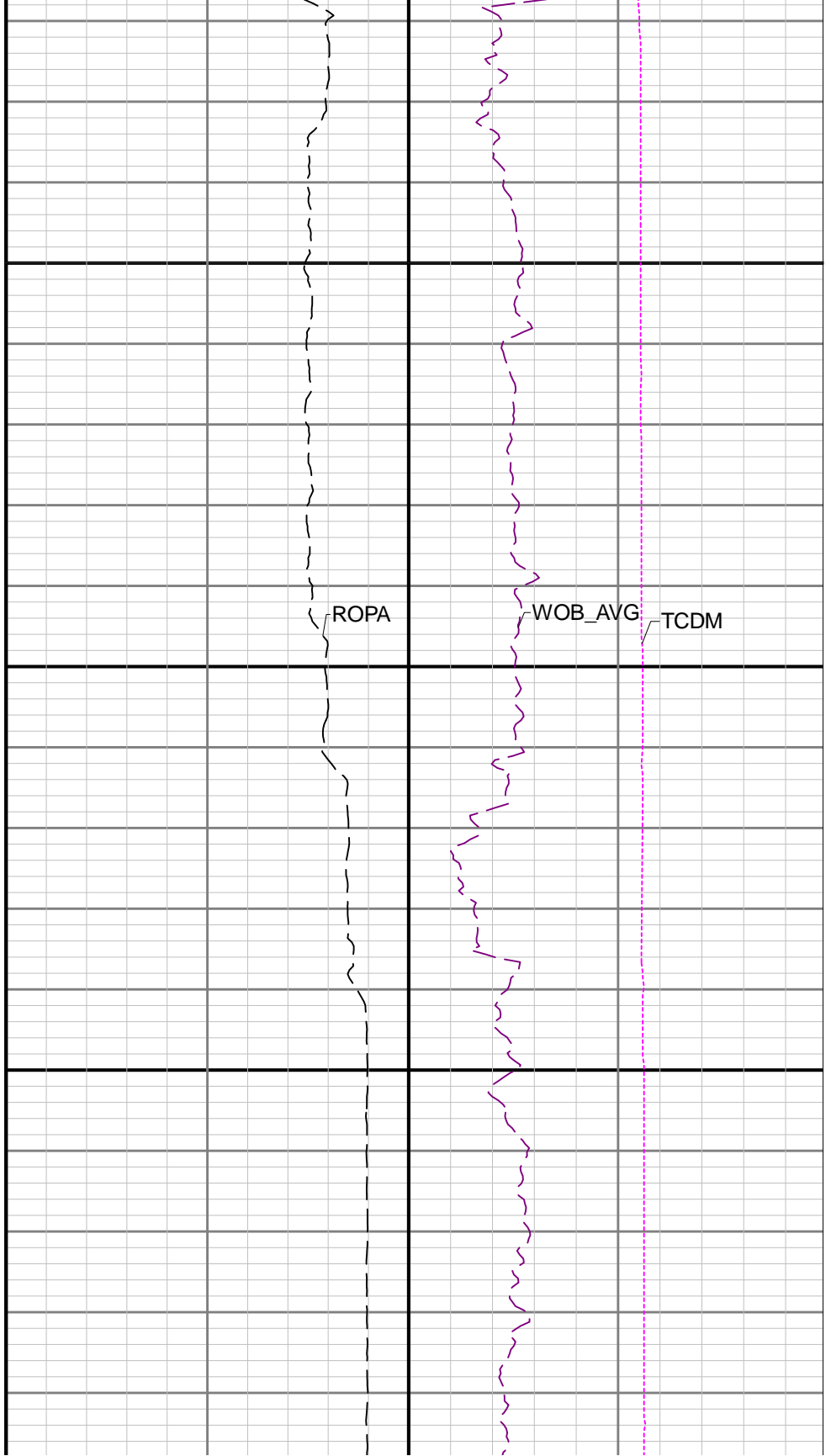
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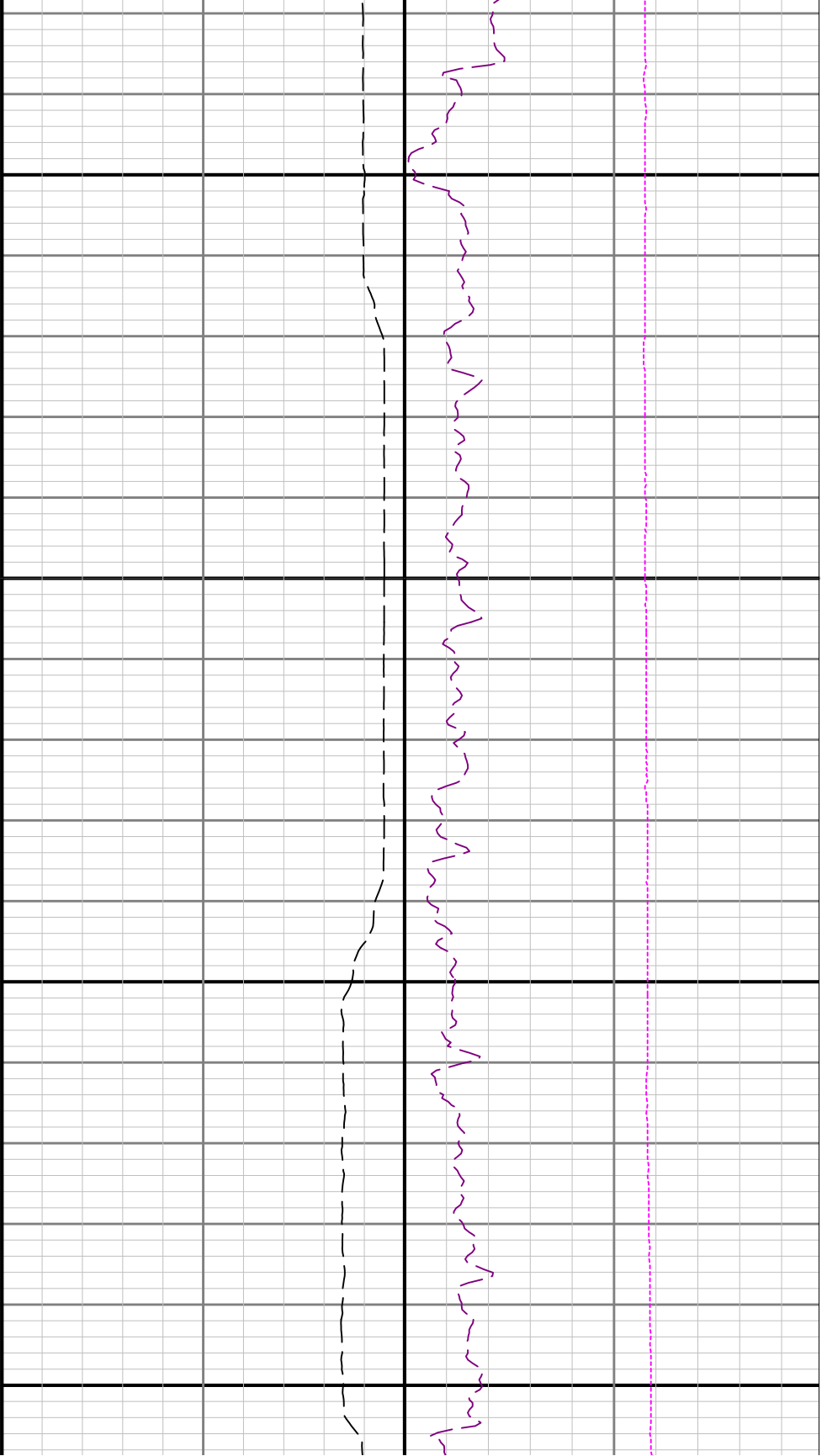
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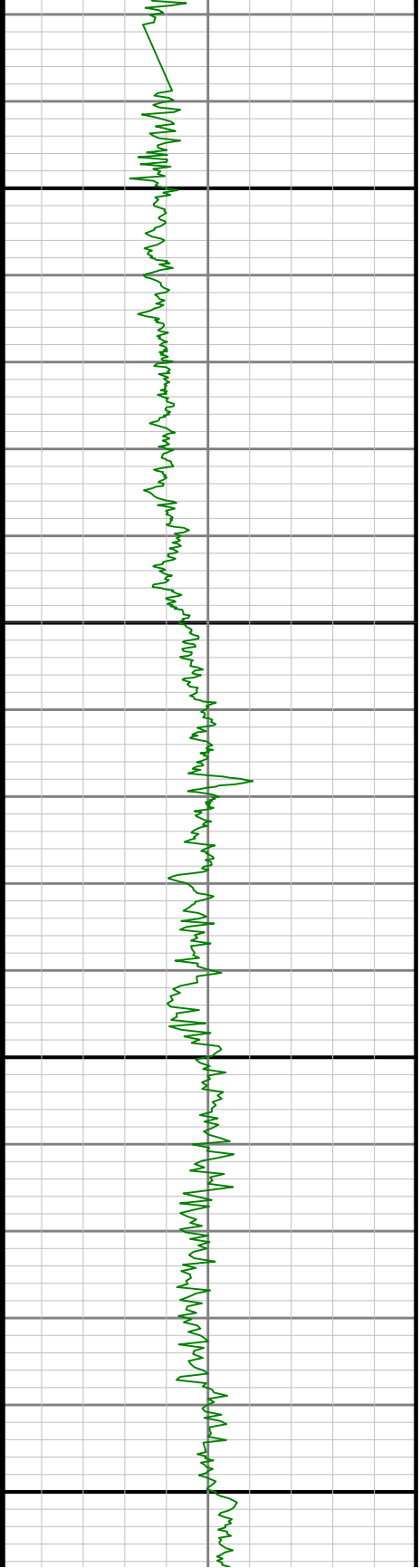
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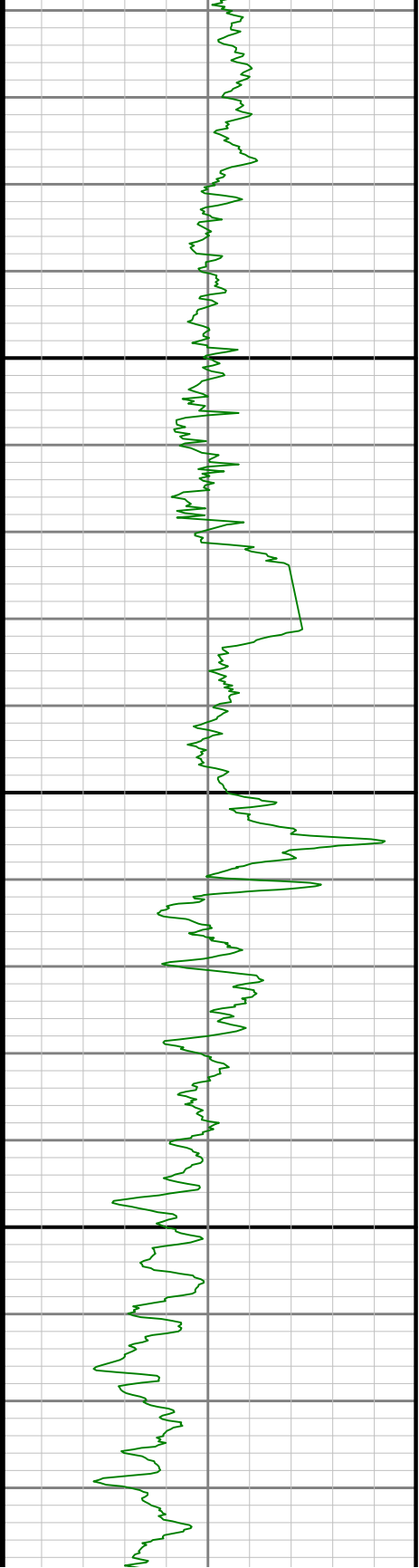




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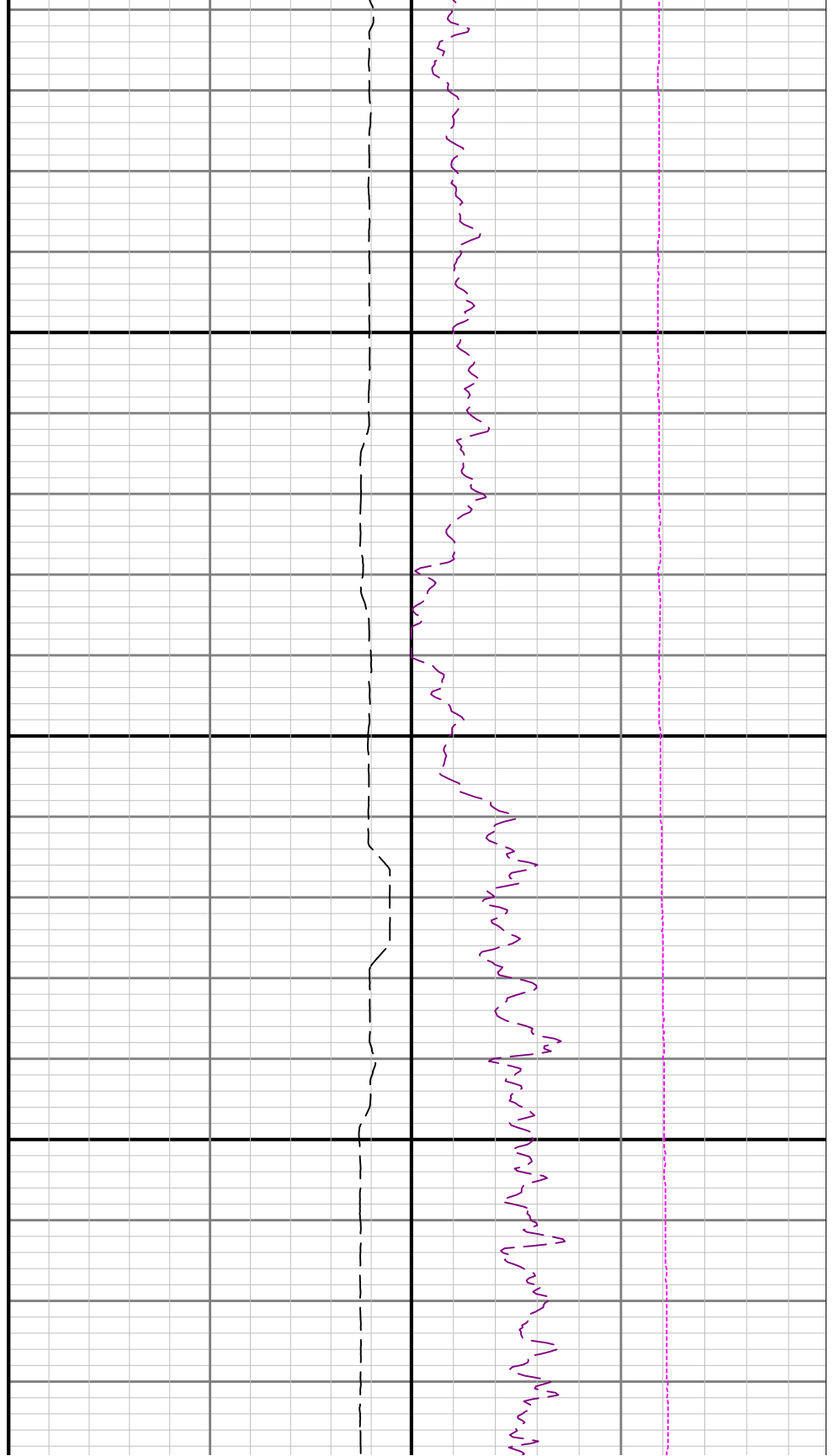
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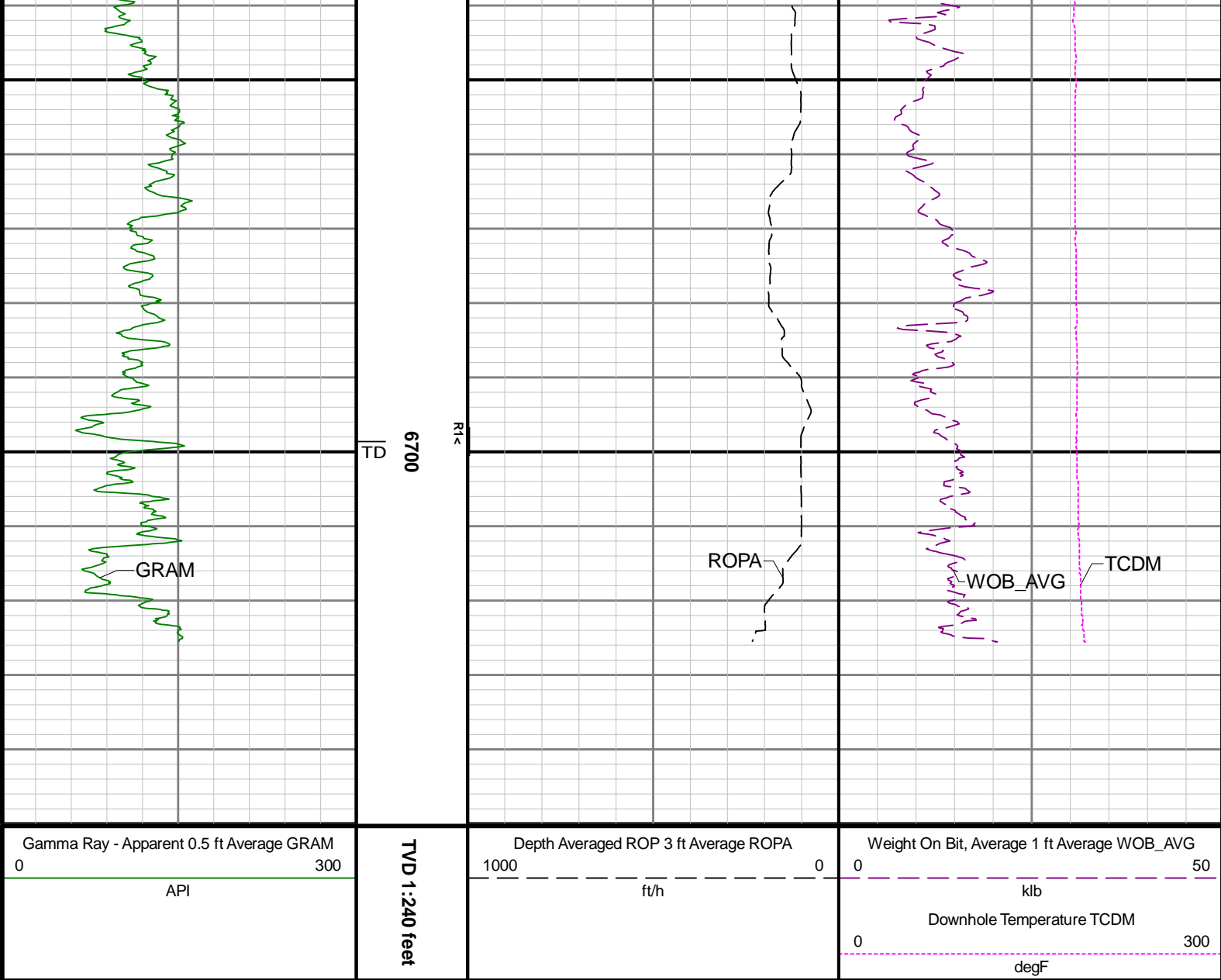




6660

6500





Directional Survey Summary					
Latitude:	40° 11' 25.656" N		Longitude:	104° 28' 26.472" W	
North Reference:	Grid		Drill Depth Zero:	Rig Floor	
Vertical Datum is:	Mean Sea Level		Vertical Datum to DDZ: (ft)	4853.00	
Vertical Section North: (ft)	0.00		Vertical Section East: (ft)	0.00	
Vertical Section Azimuth: (deg)	2.11				
Grid Convergence: (deg)	-0.66		Magnetic Declination: (deg)	7.99	
Total Correction: (deg)	7.33		TVD Calculation Method:	Minimum Curvature	
Magnetic Correction:	Off		Local Magnetic Field: (nT)	52080	
Local Magnetic Dip Angle: (deg)	66.58		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	-4853.00	0.00	0.00	0.00	0.00	0.00

		85.00	0.30	139.76	N/A	-0.17	0.14	85.00	-4768.00	-0.16	85.00	0.35	0.35	164.42
		179.00	0.58	130.21	N/A	-0.66	0.67	179.00	-4674.00	-0.64	94.00	0.31	0.30	-10.16
		268.00	0.43	116.80	N/A	-1.11	1.31	267.99	-4585.01	-1.06	89.00	0.21	-0.17	-15.07
		363.00	0.13	193.15	N/A	-1.37	1.60	362.99	-4490.01	-1.31	95.00	0.44	-0.32	80.37
		457.00	0.43	280.28	N/A	-1.41	1.23	456.99	-4396.01	-1.37	94.00	0.47	0.32	92.69
		552.00	0.09	88.86	N/A	-1.35	0.95	551.99	-4301.01	-1.31	95.00	0.55	-0.36	177.45
		646.00	0.16	7.20	N/A	-1.22	1.04	645.99	-4207.01	-1.18	94.00	0.18	0.07	-86.87
		741.00	0.17	136.03	N/A	-1.19	1.16	740.99	-4112.01	-1.14	95.00	0.31	0.01	135.61
		836.00	0.45	206.81	N/A	-1.62	1.09	835.99	-4017.01	-1.58	95.00	0.45	0.29	74.51
		930.00	0.05	172.99	N/A	-1.99	0.93	929.99	-3923.01	-1.95	94.00	0.44	-0.43	-35.98
		1024.00	0.14	185.47	N/A	-2.15	0.92	1023.99	-3829.01	-2.11	94.00	0.10	0.10	13.28
		1119.00	0.07	284.48	N/A	-2.25	0.85	1118.99	-3734.01	-2.21	95.00	0.17	-0.07	104.22
		1213.00	0.36	98.29	N/A	-2.27	1.09	1212.99	-3640.01	-2.23	94.00	0.46	0.31	184.90
		1307.00	0.28	131.94	N/A	-2.47	1.55	1306.99	-3546.01	-2.41	94.00	0.21	-0.09	35.80
		1402.00	0.28	163.27	N/A	-2.85	1.79	1401.98	-3451.02	-2.78	95.00	0.16	0.00	32.98
		1496.00	0.18	190.45	N/A	-3.21	1.83	1495.98	-3357.02	-3.14	94.00	0.15	-0.11	28.91
		1591.00	0.14	139.19	N/A	-3.45	1.88	1590.98	-3262.02	-3.38	95.00	0.15	-0.04	-53.96
		1685.00	0.18	133.35	N/A	-3.64	2.06	1684.98	-3168.02	-3.56	94.00	0.05	0.04	-6.21
		1779.00	0.37	12.02	N/A	-3.44	2.23	1778.98	-3074.02	-3.36	94.00	0.52	0.20	-129.07
		1874.00	0.51	8.25	N/A	-2.72	2.36	1873.98	-2979.02	-2.63	95.00	0.15	0.15	-3.97
		1951.00	0.32	18.51	N/A	-2.18	2.48	1950.98	-2902.02	-2.09	77.00	0.26	-0.25	13.32
		1987.00	0.25	50.90	98.7	-2.03	2.57	1986.98	-2866.02	-1.94	36.00	0.48	-0.19	89.97
		2176.00	0.77	50.73	101.4	-0.97	3.87	2175.97	-2677.03	-0.83	189.00	0.28	0.28	-0.09
		2270.00	1.75	134.71	109.5	-1.58	5.38	2269.95	-2583.05	-1.38	94.00	1.95	1.04	89.34
		2365.00	4.28	130.23	114.9	-4.89	9.12	2364.81	-2488.19	-4.55	95.00	2.67	2.66	-4.72
		2459.00	6.69	127.79	114.9	-10.51	16.13	2458.37	-2394.63	-9.91	94.00	2.58	2.56	-2.60
		2554.00	8.84	129.67	117.6	-18.56	26.12	2552.50	-2300.50	-17.59	95.00	2.28	2.26	1.98
		2649.00	10.17	146.44	123.0	-30.22	36.38	2646.21	-2206.79	-28.86	95.00	3.22	1.40	17.65
		2743.00	10.41	145.20	125.7	-44.10	45.81	2738.70	-2114.30	-42.39	94.00	0.35	0.26	-1.32
		2838.00	11.50	148.16	125.7	-59.20	55.70	2831.97	-2021.03	-57.11	95.00	1.29	1.15	3.12
		2932.00	11.80	151.21	93.2	-75.58	65.28	2924.03	-1928.97	-73.13	94.00	0.73	0.32	3.24
		3027.00	11.75	147.37	128.4	-92.24	75.17	3017.03	-1835.97	-89.41	95.00	0.83	-0.05	-4.04
		3121.00	11.62	147.13	131.1	-108.25	85.47	3109.08	-1743.92	-105.03	94.00	0.15	-0.14	-0.26
		3216.00	11.36	148.85	131.1	-124.30	95.50	3202.18	-1650.82	-120.70	95.00	0.45	-0.27	1.81
		3311.00	11.07	147.55	133.8	-140.00	105.24	3295.37	-1557.63	-136.03	95.00	0.40	-0.31	-1.37
		3405.00	11.48	150.58	133.8	-155.76	114.67	3387.55	-1465.45	-151.44	94.00	0.77	0.44	3.22
		3500.00	11.94	147.82	136.5	-172.32	124.55	3480.58	-1372.42	-167.61	95.00	0.76	0.48	-2.91
		3594.00	11.77	148.31	136.5	-188.70	134.77	3572.57	-1280.43	-183.61	94.00	0.21	-0.18	0.52
		3689.00	11.39	149.00	136.5	-204.99	144.69	3665.64	-1187.36	-199.52	95.00	0.43	-0.40	0.73
		3784.00	11.81	149.37	139.2	-221.39	154.47	3758.70	-1094.30	-215.56	95.00	0.45	0.44	0.39
		3878.00	11.70	146.17	139.2	-237.59	164.68	3850.73	-1002.27	-231.37	94.00	0.70	-0.12	-3.40
		3973.00	11.81	149.75	139.2	-253.99	174.94	3943.74	-909.26	-247.38	95.00	0.78	0.12	3.77
		4067.00	11.66	147.21	141.9	-270.28	184.93	4035.77	-817.23	-263.29	94.00	0.57	-0.16	-2.70
		4162.00	12.11	148.47	144.6	-286.85	195.34	4128.74	-724.26	-279.46	95.00	0.55	0.47	1.33
		4256.00	11.68	145.56	144.6	-303.10	205.88	4220.72	-632.28	-295.31	94.00	0.78	-0.46	-3.10
		4351.00	11.83	148.94	144.6	-319.37	216.34	4313.73	-539.27	-311.19	95.00	0.74	0.16	3.56
		4445.00	11.34	146.43	147.3	-335.33	226.42	4405.81	-447.19	-326.76	94.00	0.75	-0.52	-2.67
		4540.00	10.78	149.94	147.3	-350.80	236.04	4499.05	-353.95	-341.87	95.00	0.92	-0.59	3.69
		4634.00	11.03	146.59	147.3	-365.91	245.39	4591.35	-261.65	-356.63	94.00	0.72	0.27	-3.56
		4729.00	11.04	147.39	150.0	-381.16	255.30	4684.59	-168.41	-371.50	95.00	0.16	0.01	0.84
		4823.00	11.14	154.84	150.0	-396.96	264.01	4776.84	-76.16	-386.97	94.00	1.53	0.11	7.93
		4917.00	11.50	151.90	152.7	-413.45	272.28	4869.02	16.02	-403.14	94.00	0.72	0.38	-3.13
		5012.00	10.95	149.57	152.7	-429.58	281.31	4962.20	109.20	-418.93	95.00	0.75	-0.58	-2.45
		5201.00	11.29	155.17	233.8	-461.85	298.17	5147.66	294.66	-450.56	189.00	0.60	0.18	2.96
		5296.00	9.33	159.48	155.4	-477.51	304.78	5241.12	388.12	-465.96	95.00	2.22	-2.06	4.54
		5390.00	9.90	153.60	155.4	-491.88	311.04	5333.80	480.80	-480.09	94.00	1.21	0.61	-6.26
		5485.00	10.21	148.89	155.4	-506.40	319.03	5427.34	574.34	-494.31	95.00	0.92	0.33	-4.96
		5579.00	9.12	160.19	160.8	-520.55	325.86	5520.02	667.02	-508.20	94.00	2.32	-1.16	12.02
		5674.00	10.62	152.31	160.8	-535.38	332.48	5613.61	760.61	-522.78	95.00	2.12	1.58	-8.29
		5769.00	10.86	151.35	160.8	-550.99	340.83	5706.95	853.95	-538.07	95.00	0.32	0.25	-1.01
		5863.00	11.40	155.47	165.2	-568.25	350.45	5800.35	1020.35	-559.63	189.00	0.34	0.23	0.43

	5936.00	11.49	132.17	166.2	-583.26	356.16	5682.36	1039.36	-569.68	189.00	0.34	0.33	0.43
	6052.00	10.98	138.43	166.2	-598.24	368.47	5984.58	1131.58	-584.27	94.00	2.89	-0.54	-14.62
	6147.00	11.82	108.57	168.9	-608.12	383.71	6077.78	1224.78	-593.58	95.00	6.20	0.88	-31.43
	6241.00	11.41	64.03	171.6	-607.11	401.23	6170.04	1317.04	-591.92	94.00	9.32	-0.44	-47.38
	6336.00	16.09	23.65	171.6	-590.89	415.00	6262.49	1409.49	-575.21	95.00	10.94	4.93	-42.51
	6430.00	23.57	19.48	174.3	-561.20	426.51	6350.86	1497.86	-545.11	94.00	8.09	7.96	-4.44
	6525.00	33.14	17.41	177.0	-518.41	440.64	6434.37	1581.37	-501.84	95.00	10.13	10.07	-2.18
	6619.00	41.18	10.70	177.0	-463.37	454.11	6509.25	1656.25	-446.34	94.00	9.57	8.55	-7.14
	6713.00	49.76	6.43	179.7	-397.17	463.89	6575.12	1722.12	-379.83	94.00	9.68	9.13	-4.54
	6808.00	57.93	5.69	182.5	-320.96	471.95	6631.12	1778.12	-303.37	95.00	8.62	8.60	-0.78
	6902.00	66.77	4.44	185.2	-238.10	479.26	6674.70	1821.70	-220.30	94.00	9.48	9.40	-1.33
	6997.00	75.64	2.64	185.2	-148.43	484.77	6705.28	1852.28	-130.48	95.00	9.51	9.34	-1.89
	7091.00	84.76	0.44	187.9	-55.94	487.23	6721.27	1868.27	-37.96	94.00	9.97	9.70	-2.34
	7186.00	90.03	1.01	190.6	38.92	488.44	6725.58	1872.58	56.88	95.00	5.58	5.55	0.60
	7280.00	90.15	2.46	190.6	132.88	491.28	6725.44	1872.44	150.87	94.00	1.55	0.13	1.54
	7375.00	90.28	359.89	196.0	227.85	493.23	6725.08	1872.08	245.85	95.00	2.71	0.14	-2.71
	7469.00	90.52	359.31	198.7	321.84	492.57	6724.42	1871.42	339.76	94.00	0.67	0.26	-0.62
	7564.00	90.46	359.73	201.4	416.83	491.78	6723.61	1870.61	434.66	95.00	0.45	-0.06	0.44
	7658.00	90.25	359.92	204.1	510.83	491.49	6723.03	1870.03	528.58	94.00	0.30	-0.22	0.20
	7752.00	90.15	359.61	204.1	604.83	491.10	6722.70	1869.70	622.50	94.00	0.35	-0.11	-0.33
	7847.00	90.15	357.74	204.1	699.80	488.91	6722.45	1869.45	717.33	95.00	1.97	0.00	-1.97
	7941.00	90.22	358.15	206.8	793.74	485.54	6722.15	1869.15	811.08	94.00	0.44	0.07	0.44
	8035.00	90.18	357.71	209.5	887.68	482.14	6721.82	1868.82	904.83	94.00	0.47	-0.04	-0.47
	8130.00	90.00	357.83	212.2	982.61	478.45	6721.67	1868.67	999.55	95.00	0.23	-0.19	0.13
	8225.00	89.72	357.17	212.2	1077.51	474.30	6721.90	1868.90	1094.25	95.00	0.75	-0.29	-0.69
	8319.00	90.18	357.90	214.9	1171.43	470.26	6721.99	1868.99	1187.95	94.00	0.92	0.49	0.78
	8414.00	90.25	357.75	214.9	1266.36	466.65	6721.63	1868.63	1282.68	95.00	0.17	0.07	-0.16
	8508.00	90.18	357.75	214.9	1360.28	462.96	6721.28	1868.28	1376.41	94.00	0.07	-0.07	0.00
	8603.00	90.03	357.95	214.9	1455.22	459.40	6721.10	1868.10	1471.14	95.00	0.26	-0.16	0.21
	8697.00	90.06	357.87	217.6	1549.15	455.97	6721.03	1868.03	1564.89	94.00	0.09	0.03	-0.09
	8792.00	89.97	357.82	217.6	1644.09	452.40	6721.00	1868.00	1659.63	95.00	0.11	-0.09	-0.05
	8886.00	90.25	358.06	217.6	1738.03	449.02	6720.82	1867.82	1753.38	94.00	0.39	0.30	0.26
	8981.00	90.43	358.20	220.3	1832.97	445.92	6720.26	1867.26	1848.15	95.00	0.24	0.19	0.15
	9076.00	90.18	358.08	223.0	1927.92	442.84	6719.75	1866.75	1942.92	95.00	0.29	-0.26	-0.13
	9170.00	90.22	357.63	223.0	2021.86	439.32	6719.43	1866.43	2036.66	94.00	0.48	0.04	-0.48
	9265.00	90.09	357.55	223.0	2116.77	435.32	6719.17	1866.17	2131.36	95.00	0.16	-0.14	-0.08
	9359.00	90.37	357.84	223.0	2210.69	431.54	6718.79	1865.79	2225.08	94.00	0.43	0.30	0.31
	9453.00	90.28	357.44	225.7	2304.61	427.67	6718.26	1865.26	2318.80	94.00	0.44	-0.10	-0.43
	9548.00	89.97	357.97	225.7	2399.54	423.87	6718.05	1865.05	2413.51	95.00	0.65	-0.33	0.56
	9643.00	90.15	358.72	225.7	2494.50	421.12	6717.95	1864.95	2508.31	95.00	0.81	0.19	0.79
	9737.00	89.85	358.82	225.7	2588.47	419.11	6717.95	1864.95	2602.15	94.00	0.34	-0.32	0.11
	9832.00	90.00	359.12	228.4	2683.46	417.40	6718.08	1865.08	2697.01	95.00	0.35	0.16	0.32
	9927.00	90.25	358.90	228.4	2778.44	415.76	6717.87	1864.87	2791.87	95.00	0.35	0.26	-0.23
	10021.00	89.88	358.76	228.4	2872.42	413.84	6717.76	1864.76	2885.71	94.00	0.42	-0.39	-0.15
	10115.00	91.36	358.30	228.4	2966.38	411.43	6716.74	1863.74	2979.52	94.00	1.65	1.57	-0.49
	10210.00	90.40	359.08	231.1	3061.35	409.25	6715.29	1862.29	3074.34	95.00	1.30	-1.01	0.82
	10304.00	90.12	358.46	231.1	3155.32	407.24	6714.86	1861.86	3168.18	94.00	0.72	-0.30	-0.66
	10399.00	89.97	358.98	231.1	3250.30	405.12	6714.78	1861.78	3263.01	95.00	0.57	-0.16	0.55
	10493.00	90.28	359.01	231.1	3344.28	403.47	6714.58	1861.58	3356.87	94.00	0.33	0.33	0.03
	10587.00	89.57	358.22	233.8	3438.26	401.19	6714.70	1861.70	3450.70	94.00	1.13	-0.76	-0.84
	10682.00	90.40	358.89	233.8	3533.22	398.80	6714.73	1861.73	3545.51	95.00	1.12	0.87	0.71
	10871.00	90.06	358.95	236.5	3722.19	395.24	6713.97	1860.97	3734.22	189.00	0.18	-0.18	0.03
	10965.00	90.06	358.96	236.5	3816.17	393.52	6713.87	1860.87	3828.07	94.00	0.01	0.00	0.01
	11060.00	90.49	358.94	231.1	3911.16	391.78	6713.41	1860.41	3922.93	95.00	0.45	0.45	-0.02
	11249.00	90.62	358.59	236.5	4100.10	387.71	6711.58	1858.58	4111.60	189.00	0.20	0.07	-0.19
	11343.00	89.66	358.46	236.5	4194.07	385.29	6711.35	1858.35	4205.41	94.00	1.03	-1.02	-0.14
	11437.00	90.03	358.40	239.2	4288.03	382.71	6711.61	1858.61	4299.22	94.00	0.40	0.39	-0.06
	11532.00	90.31	358.43	239.2	4383.00	380.09	6711.33	1858.33	4394.02	95.00	0.30	0.29	0.03
	11626.00	89.38	357.69	239.2	4476.94	376.90	6711.58	1858.58	4487.78	94.00	1.26	-0.99	-0.79
	11721.00	87.94	356.80	241.9	4571.80	372.34	6713.80	1860.80	4582.41	95.00	1.78	-1.52	-0.94
	11815.00	88.34	356.39	241.9	4665.59	366.76	6716.85	1863.85	4675.93	94.00	0.61	0.43	-0.44

	11910.00	88.54	355.95	241.9	4760.34	360.42	6719.41	1866.41	4770.38	95.00	0.53	0.25	-0.46
	12099.00	89.85	359.09	241.9	4949.12	352.24	6722.00	1869.00	4958.73	189.00	1.79	0.67	1.66
	12194.00	89.14	359.00	244.6	5044.10	350.66	6722.83	1869.83	5053.59	95.00	0.75	-0.75	-0.09
	12288.00	89.45	357.35	241.9	5138.04	347.66	6723.99	1870.99	5147.36	94.00	1.79	0.33	-1.76
	12383.00	89.97	1.23	333.8	5233.01	346.49	6724.47	1871.47	5242.22	95.00	4.12	0.55	4.08
	12572.00	90.18	0.14	247.3	5422.00	348.75	6724.22	1871.22	5431.16	189.00	0.59	0.11	-0.58
	12667.00	90.65	0.49	244.6	5516.99	349.27	6723.54	1870.54	5526.11	95.00	0.62	0.49	0.37
	12761.00	91.36	0.79	247.3	5610.97	350.32	6721.89	1868.89	5620.07	94.00	0.82	0.76	0.32
	12865.00	91.48	0.28	247.3	5714.94	351.29	6719.31	1866.31	5724.00	104.00	0.50	0.12	-0.49
	12950.00	90.18	359.60	247.3	5799.92	351.20	6718.08	1865.08	5808.92	85.00	1.73	-1.53	-0.80
	13045.00	90.71	0.47	247.3	5894.92	351.26	6717.34	1864.34	5903.86	95.00	1.07	0.56	0.92
	13139.00	91.02	0.71	247.3	5988.90	352.23	6715.92	1862.92	5997.81	94.00	0.42	0.33	0.26
	13234.00	90.86	0.66	250.0	6083.89	353.36	6714.36	1861.36	6092.77	95.00	0.18	-0.17	-0.05
	13328.00	90.62	360.00	250.0	6177.88	353.90	6713.15	1860.15	6186.72	94.00	0.75	-0.26	-0.70
	13423.00	90.40	1.82	250.0	6272.86	355.41	6712.30	1859.30	6281.69	95.00	1.93	-0.23	1.92
	13517.00	90.28	0.69	250.0	6366.83	357.47	6711.75	1858.75	6375.67	94.00	1.21	-0.13	-1.20
	13612.00	90.06	359.82	252.7	6461.83	357.89	6711.46	1858.46	6470.62	95.00	0.94	-0.23	-0.92
	13706.00	90.15	359.75	252.7	6555.83	357.54	6711.29	1858.29	6564.55	94.00	0.12	0.10	-0.07
	13801.00	89.82	0.50	252.7	6650.83	357.75	6711.32	1858.32	6659.49	95.00	0.86	-0.35	0.79
	13895.00	89.82	359.75	252.7	6744.82	357.95	6711.61	1858.61	6753.43	94.00	0.80	-0.00	-0.80
	13990.00	90.15	0.39	252.7	6839.82	358.07	6711.64	1858.64	6848.37	95.00	0.76	0.35	0.67
	14084.00	89.94	0.47	252.7	6933.82	358.77	6711.56	1858.56	6942.33	94.00	0.24	-0.22	0.09
	14179.00	89.60	0.63	255.4	7028.82	359.69	6711.94	1858.94	7037.29	95.00	0.40	-0.36	0.17
	14274.00	89.41	359.76	255.4	7123.81	360.01	6712.76	1859.76	7132.24	95.00	0.94	-0.20	-0.92
	14463.00	90.46	0.73	255.4	7312.80	360.82	6712.98	1859.98	7321.13	189.00	0.76	0.56	0.51
	14557.00	91.11	0.59	255.4	7406.79	361.90	6711.69	1858.69	7415.09	94.00	0.71	0.69	-0.15
	14652.00	91.29	0.76	258.1	7501.76	363.02	6709.70	1856.70	7510.04	95.00	0.26	0.19	0.18
	14746.00	91.14	1.01	258.1	7595.73	364.47	6707.71	1854.71	7604.00	94.00	0.31	-0.16	0.27
	14841.00	90.98	1.32	258.1	7690.69	366.40	6705.95	1852.95	7698.97	95.00	0.37	-0.17	0.33
	14935.00	91.05	0.09	255.4	7784.67	367.56	6704.29	1851.29	7792.92	94.00	1.31	0.07	-1.31
	15030.00	91.14	359.27	255.4	7879.65	367.03	6702.47	1849.47	7887.82	95.00	0.87	0.09	-0.86
	15125.00	90.18	359.86	258.1	7974.64	366.31	6701.38	1848.38	7982.72	95.00	1.19	-1.01	0.62
	15219.00	90.40	359.83	258.1	8068.64	366.05	6700.90	1847.90	8076.64	94.00	0.24	0.23	-0.03
	15314.00	90.40	359.84	258.1	8163.63	365.78	6700.24	1847.24	8171.57	95.00	0.01	-0.00	0.01
	15408.00	90.65	0.03	260.8	8257.63	365.67	6699.38	1846.38	8265.49	94.00	0.33	0.27	0.20
	15503.00	89.94	359.36	260.8	8352.63	365.17	6698.89	1845.89	8360.41	95.00	1.03	-0.75	-0.71
	15691.00	90.18	0.55	260.8	8540.62	365.02	6698.69	1845.69	8548.27	188.00	0.65	0.13	0.63
	15880.00	89.78	0.28	260.8	8729.62	366.39	6698.76	1845.76	8737.19	189.00	0.26	-0.21	-0.14
	15975.00	89.69	0.49	260.8	8824.61	367.03	6699.19	1846.19	8832.14	95.00	0.24	-0.09	0.22
	16069.00	90.18	0.29	260.8	8918.61	367.67	6699.30	1846.30	8926.10	94.00	0.56	0.52	-0.21
	16164.00	89.82	0.43	263.5	9013.61	368.26	6699.30	1846.30	9021.06	95.00	0.41	-0.38	0.15
	16353.00	90.31	0.08	263.5	9202.61	369.10	6699.09	1846.09	9209.96	189.00	0.32	0.26	-0.19
	16447.00	89.66	0.67	263.5	9296.60	369.72	6699.11	1846.11	9303.91	94.00	0.93	-0.69	0.63
	16541.00	90.06	0.61	263.5	9390.60	370.77	6699.34	1846.34	9397.88	94.00	0.43	0.43	-0.06
	16636.00	90.09	0.48	263.5	9485.59	371.67	6699.22	1846.22	9492.85	95.00	0.14	0.03	-0.14
	16731.00	89.78	0.35	263.5	9580.59	372.36	6699.32	1846.32	9587.80	95.00	0.35	-0.33	-0.14
	16825.00	89.97	1.70	263.5	9674.57	374.04	6699.53	1846.53	9681.78	94.00	1.45	0.20	1.44
	16920.00	90.34	1.06	263.5	9769.54	376.33	6699.27	1846.27	9776.78	95.00	0.78	0.39	-0.67
	16999.00	90.03	1.36	263.5	9848.53	378.00	6699.02	1846.02	9855.76	79.00	0.55	-0.39	0.38
Projection	17023.00	90.03	1.36	N/A	9872.52	378.57	6699.01	1846.01	9879.76	24.00	0.00	-0.00	-0.00