

	Wellsite	Wellsite		Wellsite	Wellsite		Wellsite	Wellsite
Andrew Hays	2019-11-28	2019-12-02						

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+ (%)
2019-11-29 05:28	1	1934.00	Oil Based Mud	9.4	15	N/A	N/A	67.3/22.3	Active Pit	27000	0.00
2019-11-30 16:00	1	9850.00	Oil Based Mud	9.4	12	N/A	N/A	70/19	Active Pit	32000	0.00
2019-12-01 05:00	1	14251.00	Oil Based Mud	9.7	14	N/A	N/A	69.5/18	Active Pit	30000	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	14186734	Near Bit VSS	5.93	6.73	7.000	4.330
1	AutoTrak Curve Steering Unit	14186734	Near Bit Inclination	5.93	6.73	7.000	4.330
1	AutoTrak Curve MWD	12109322	Gamma (single)	2.49	12.90	7.000	3.250
1	AutoTrak Curve MWD	12109322	Directional (mag)	12.27	22.68	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

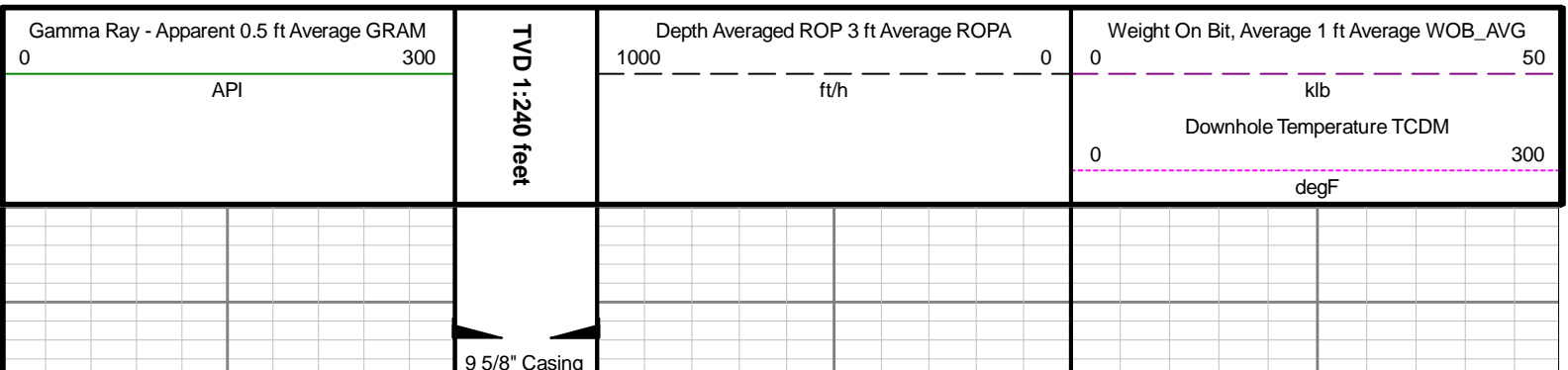
- 1
- Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes, depth calibrations and measurements could not be independently verified.
- 2
- Baker Hughes LWD Run 1 utilized a 6.75 inch AutoTrak Curve service (Directional and Gamma Ray) behind an 8.5 inch bit and rotary steerable assembly from 1934 to 17052 feet MD (1934 to 6755 feet TVD).
- 3
- The Gamma Ray Apparent (GRAM) is presented 0 to 300 API, as per the customers request.
- 4
- Several gaps appear in the log due to drilling ahead before the assembly had time to properly power on.

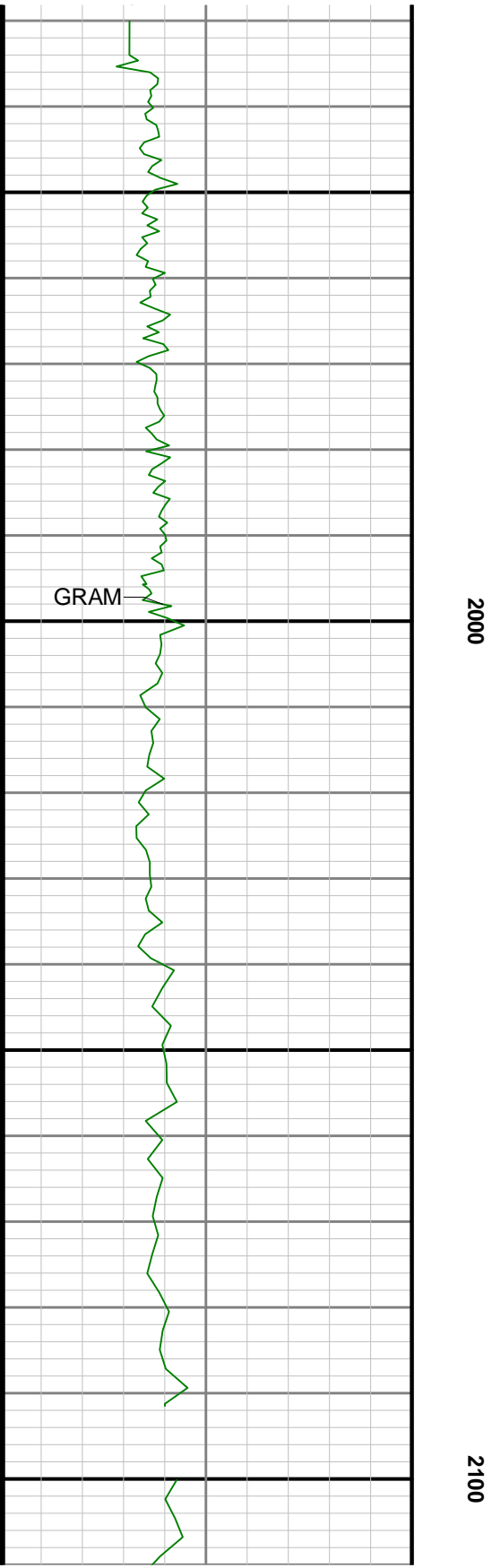
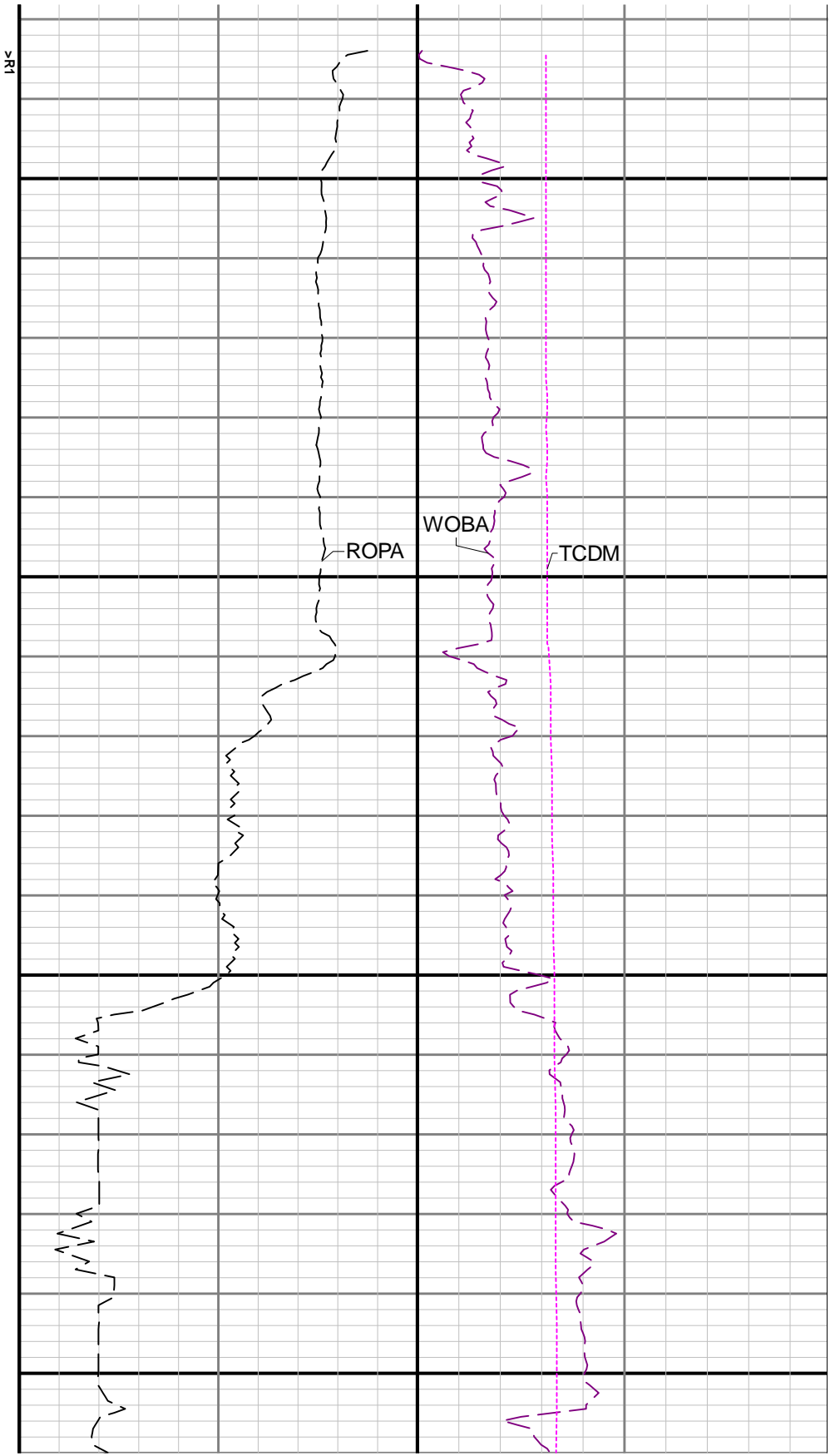
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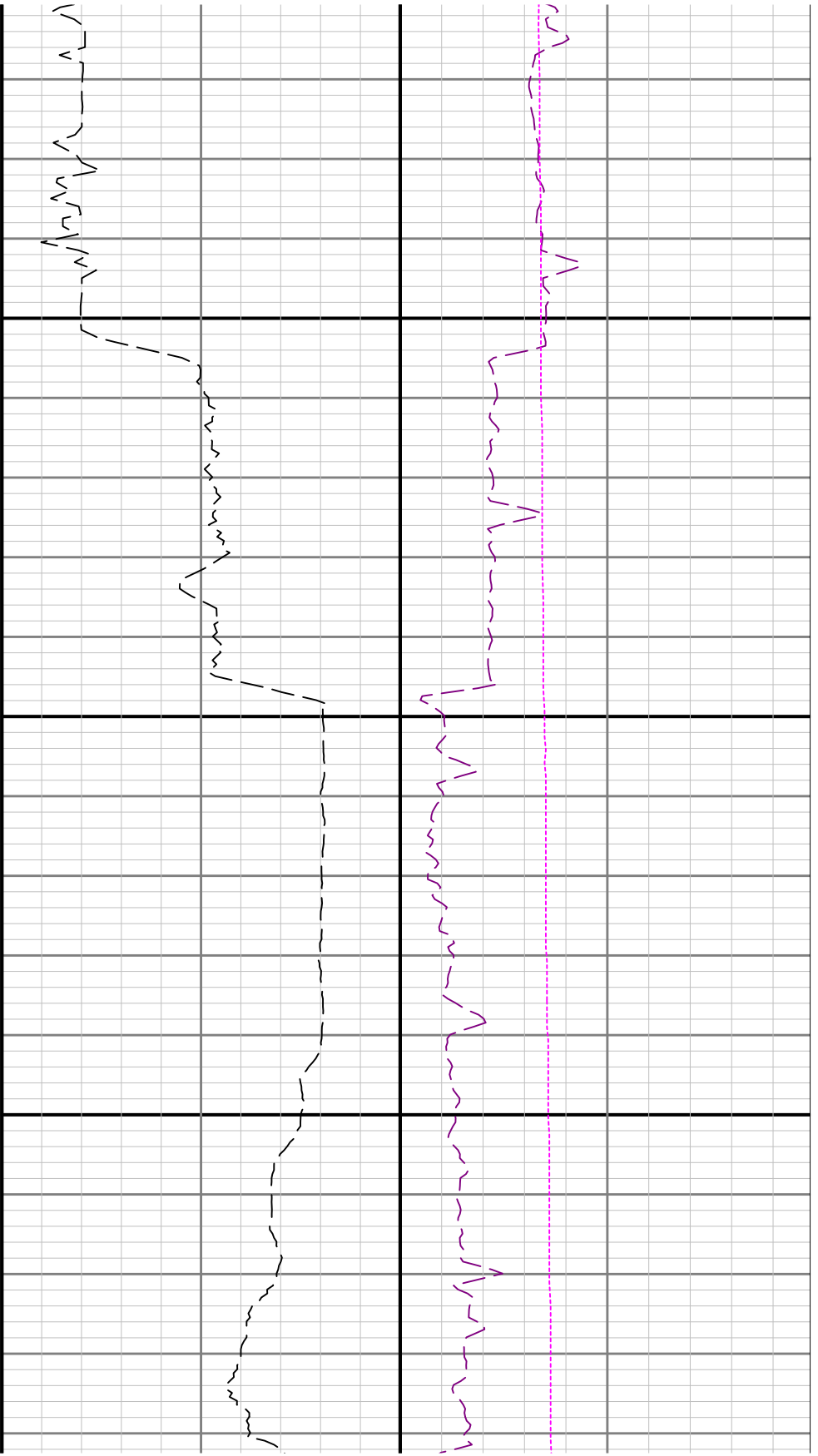
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
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Curve Mnemonics

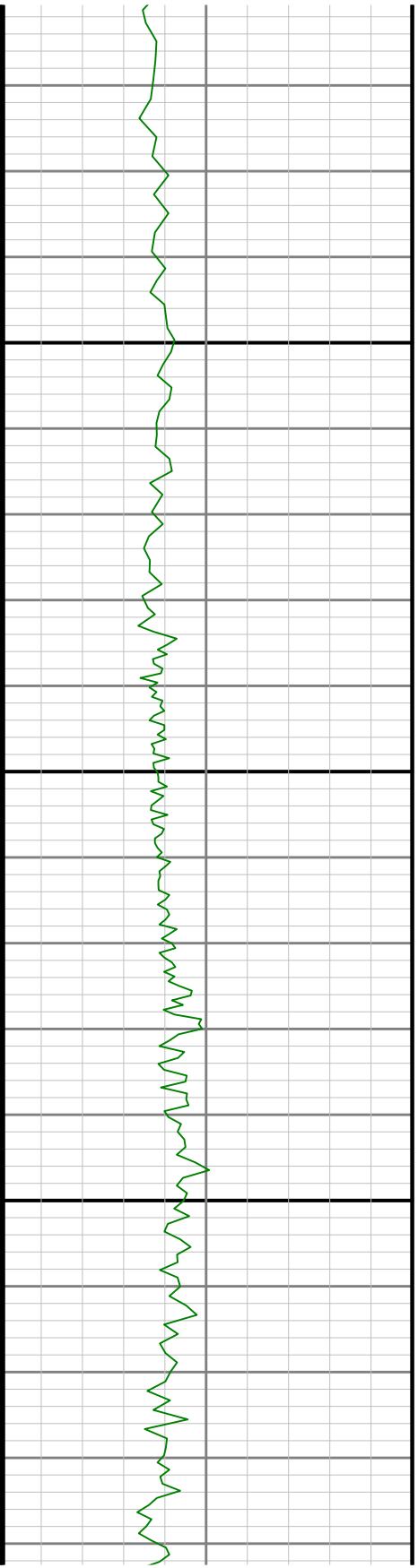
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOB_AVG	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
TCDM	Directional Real-Time Survey Temperature	degF

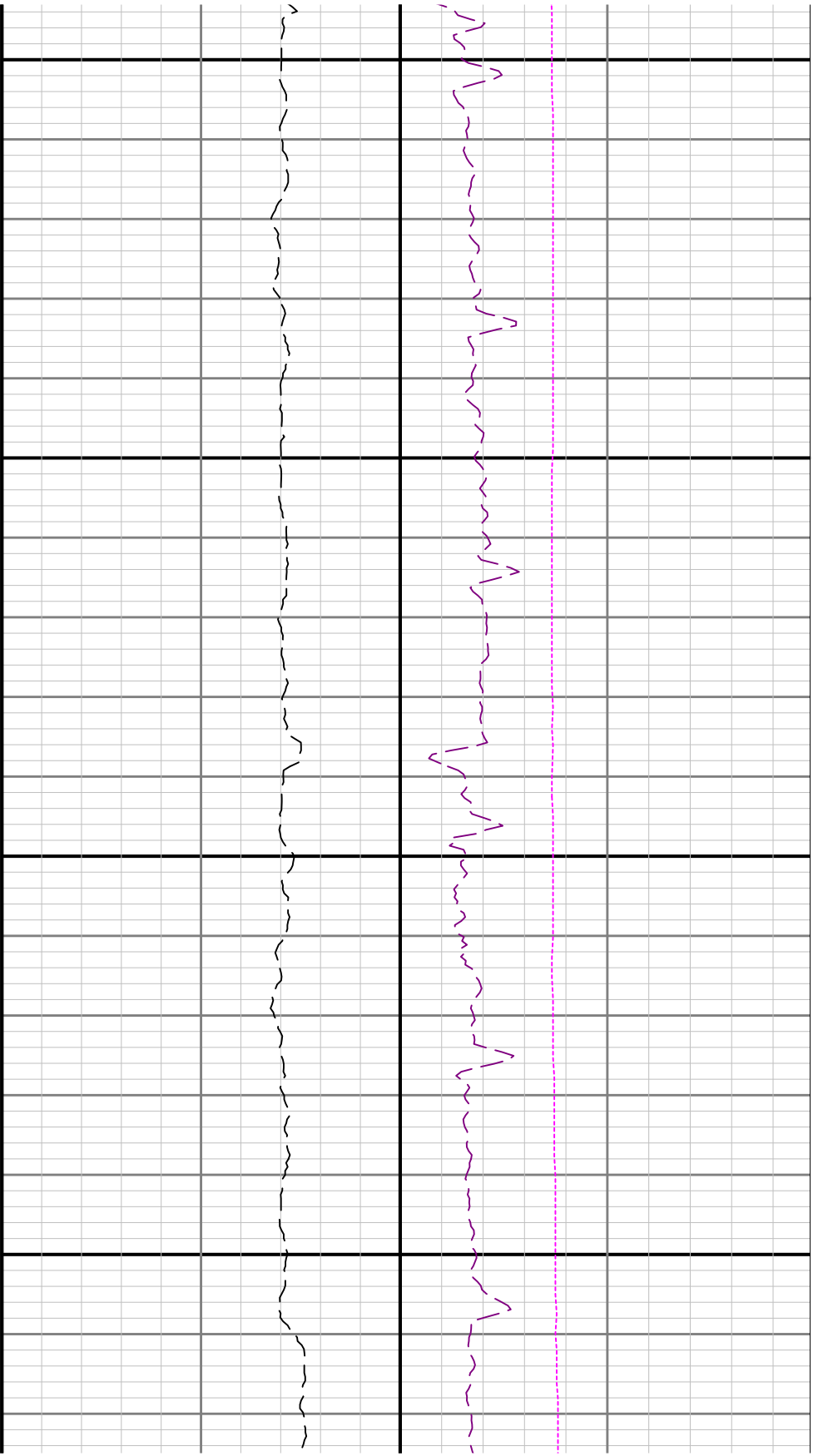






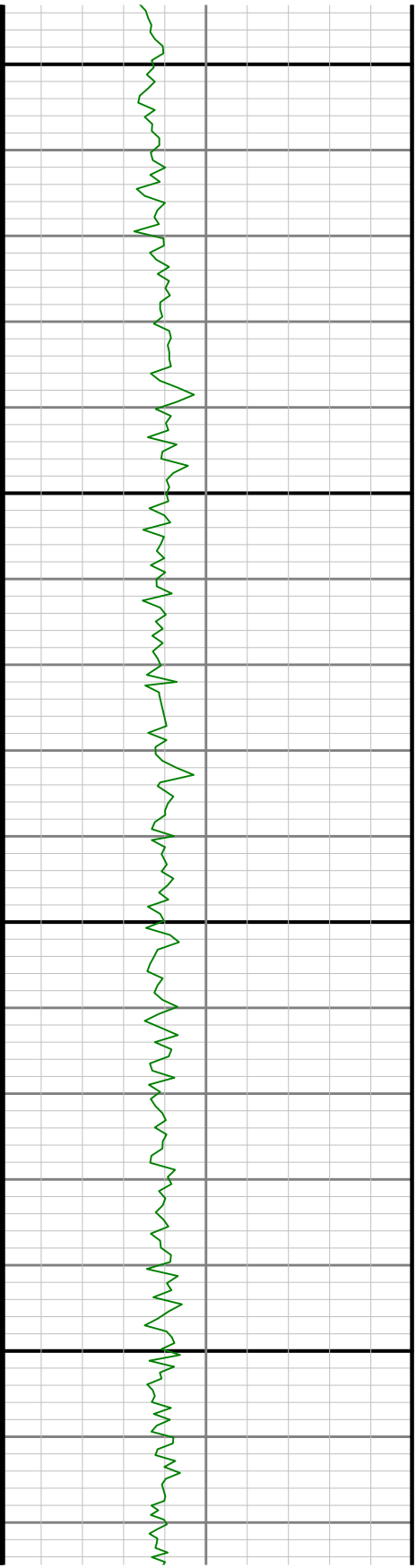
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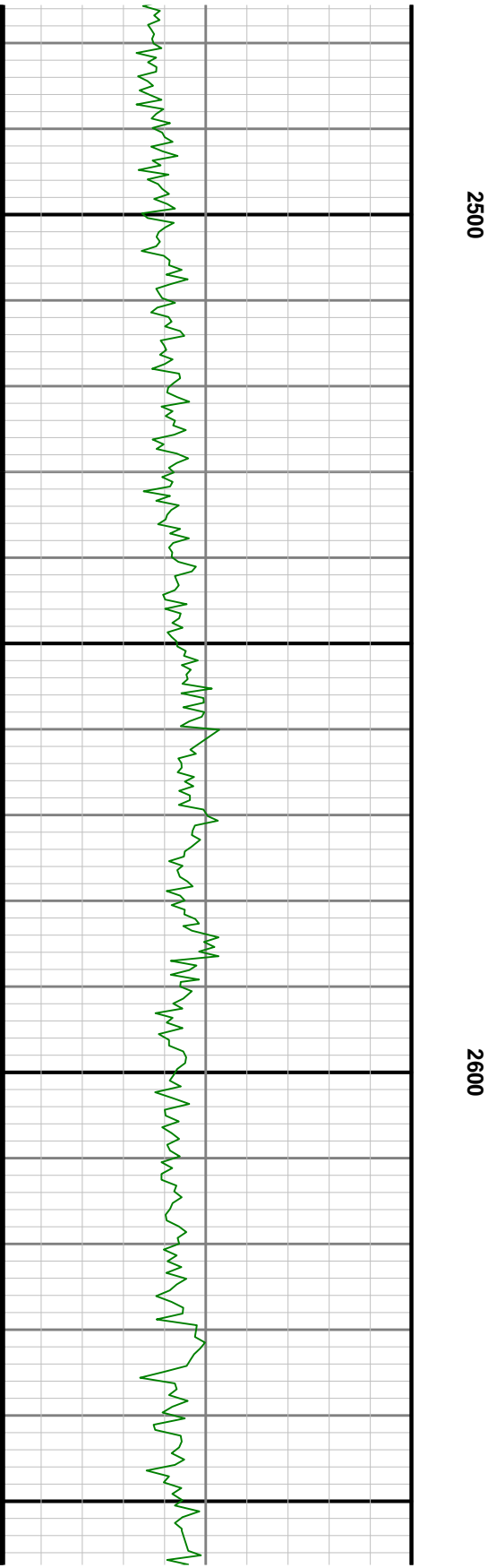
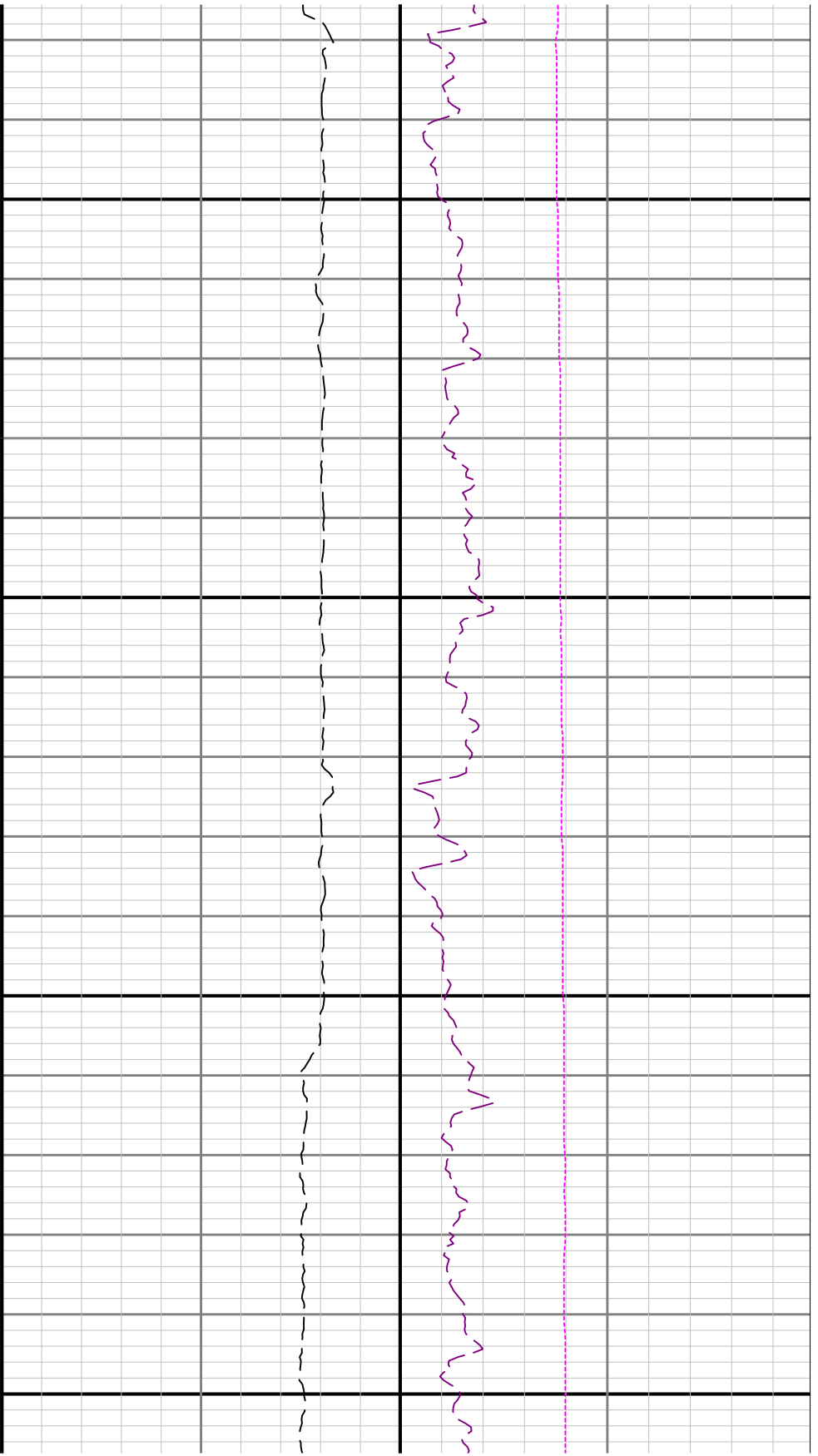


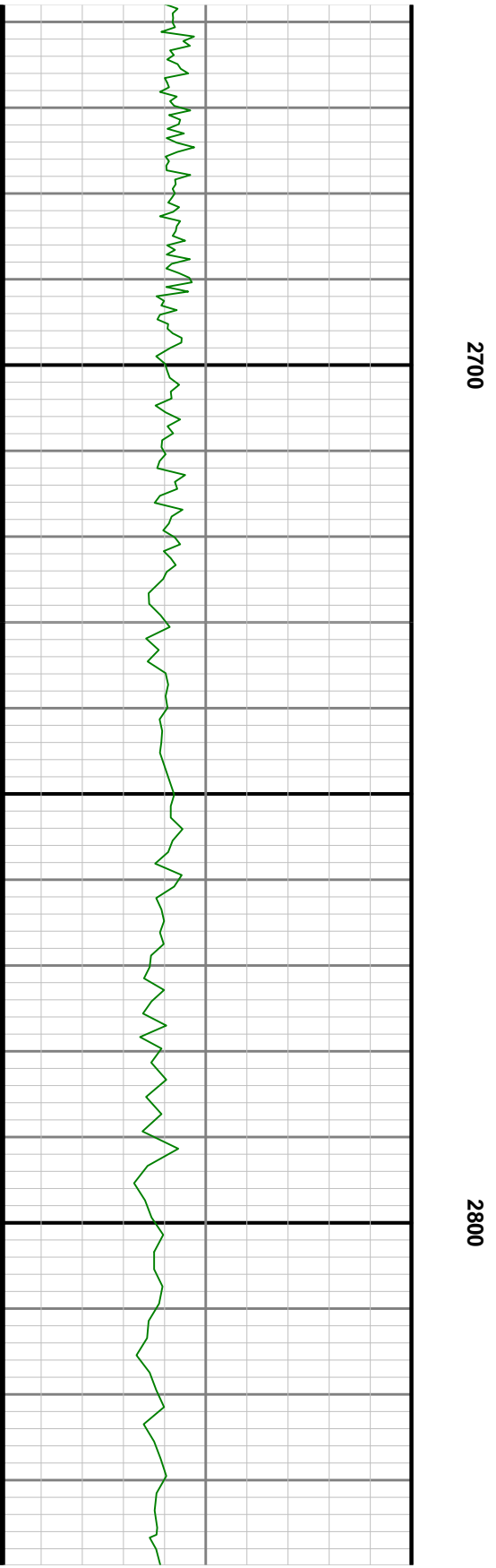
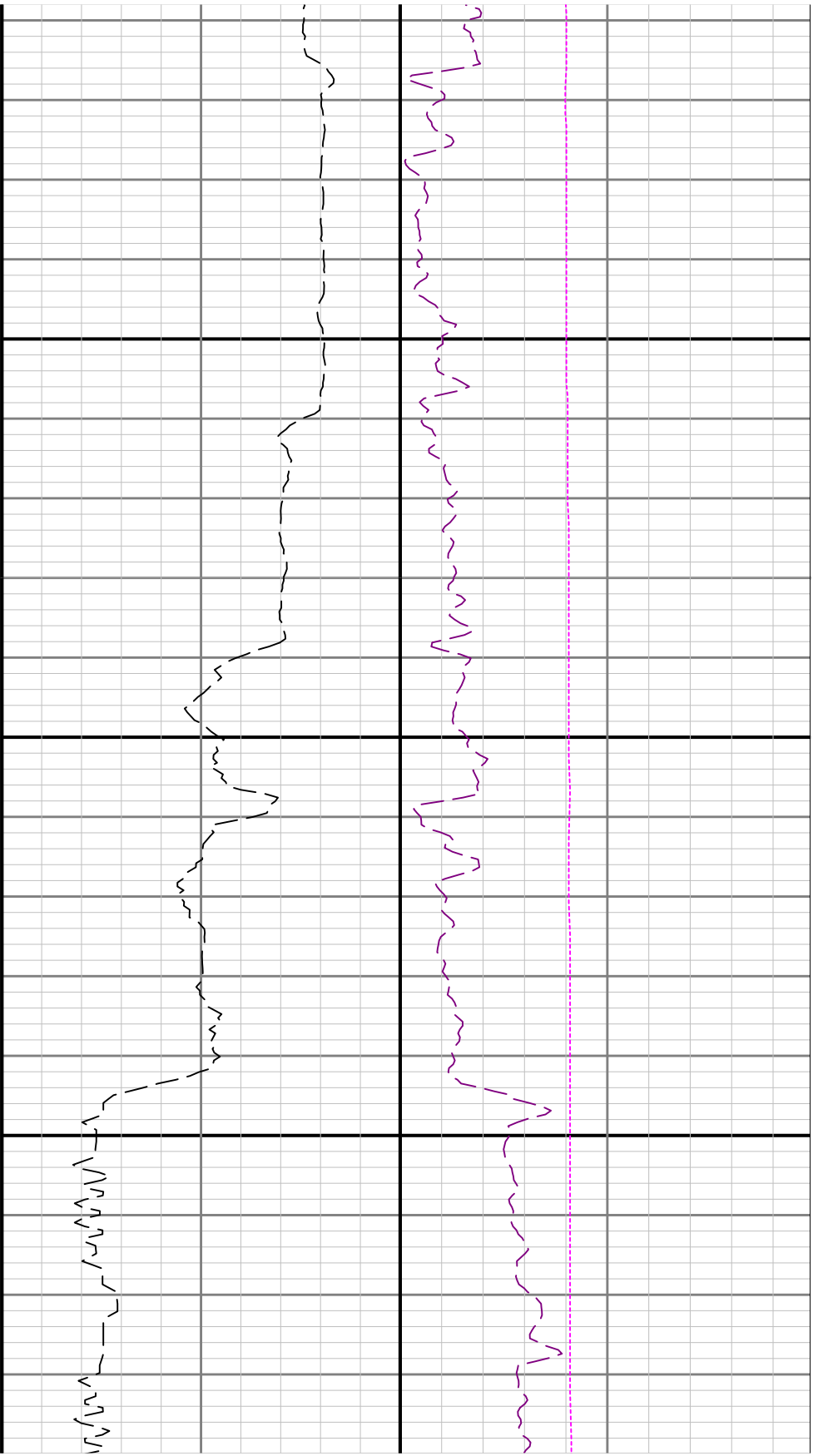


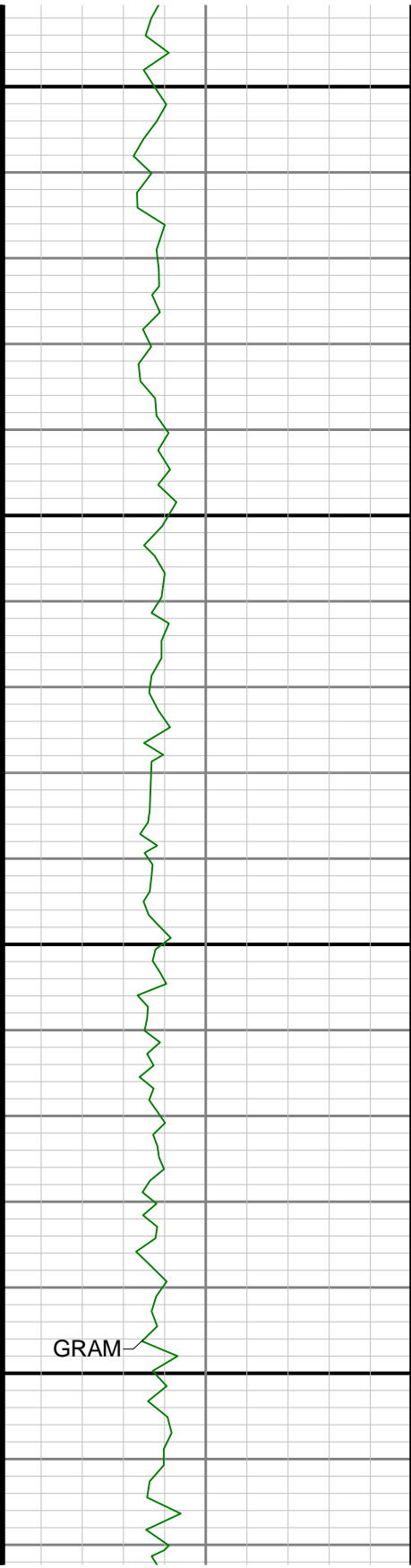
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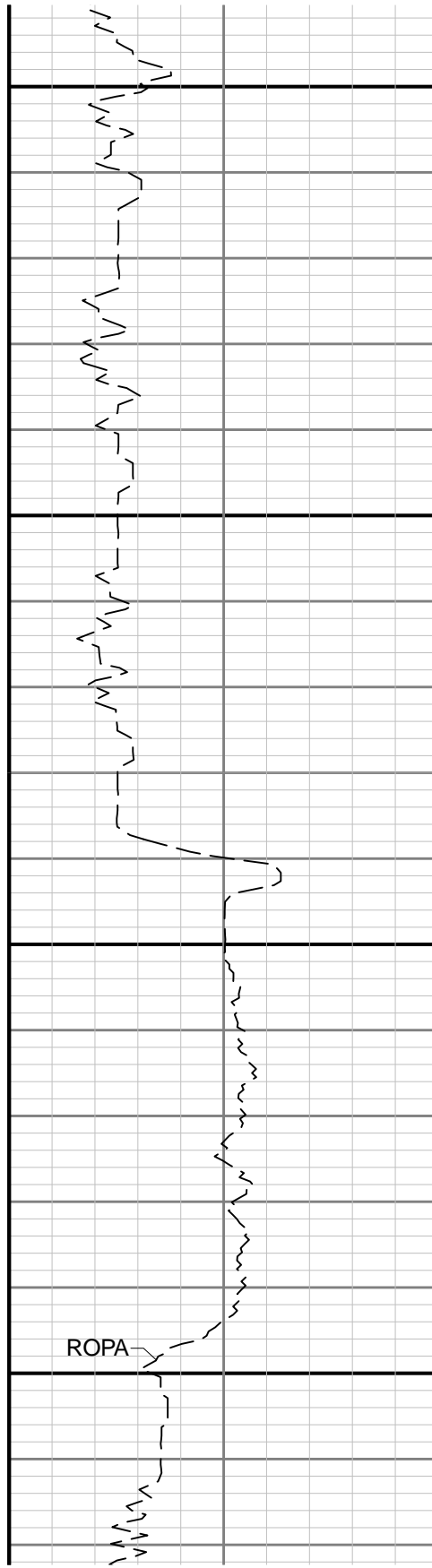






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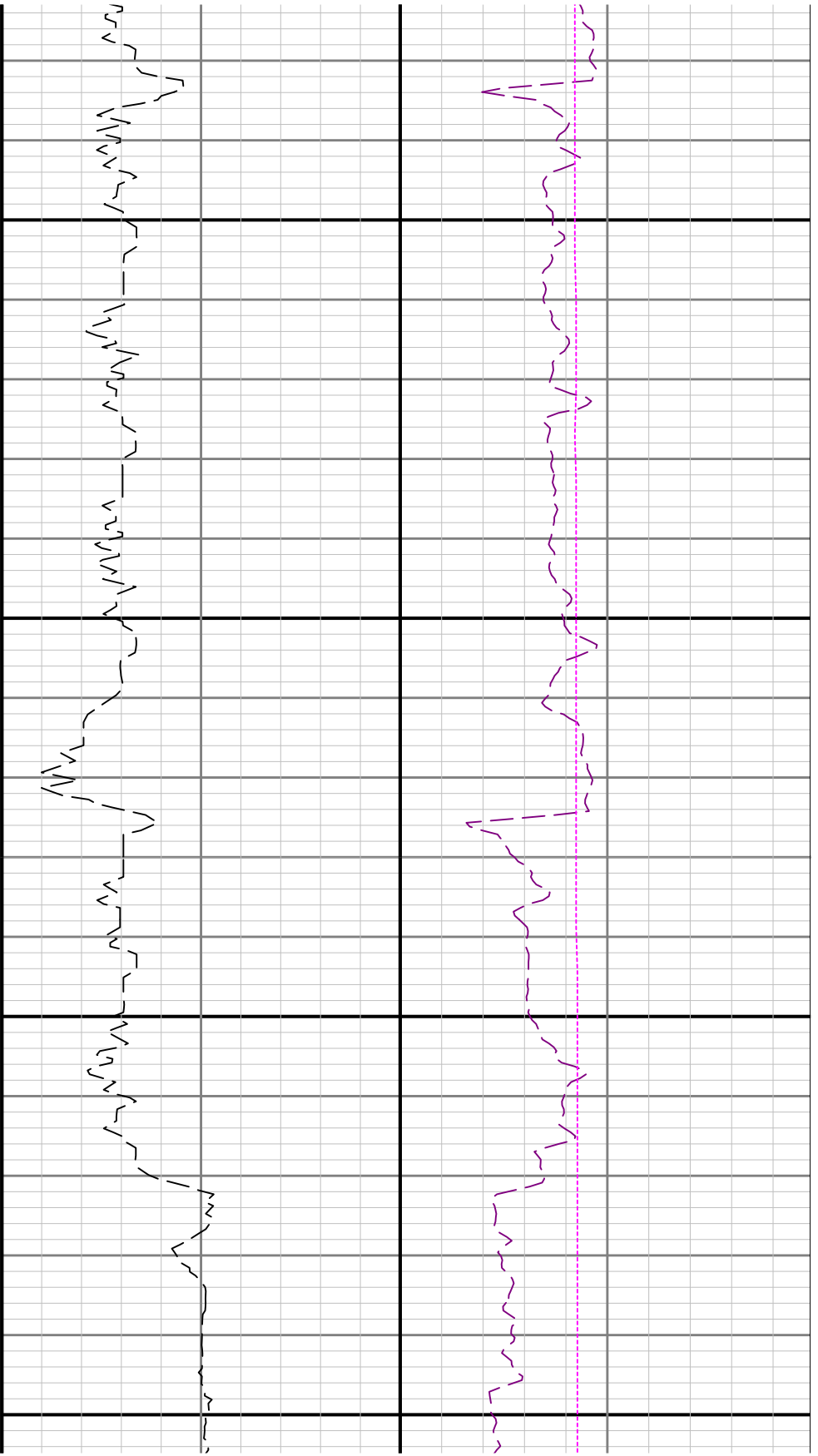


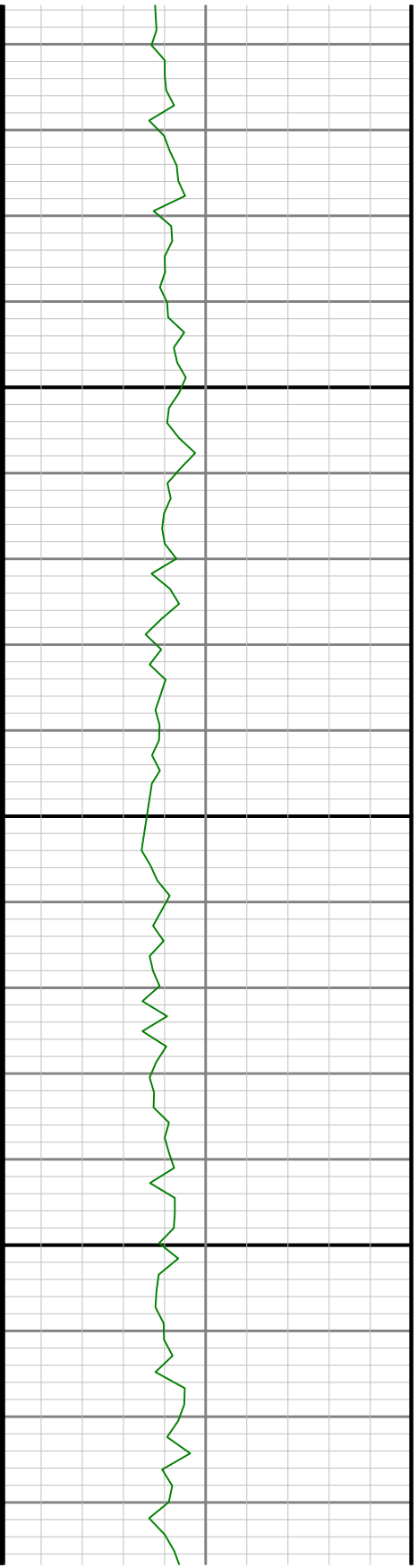
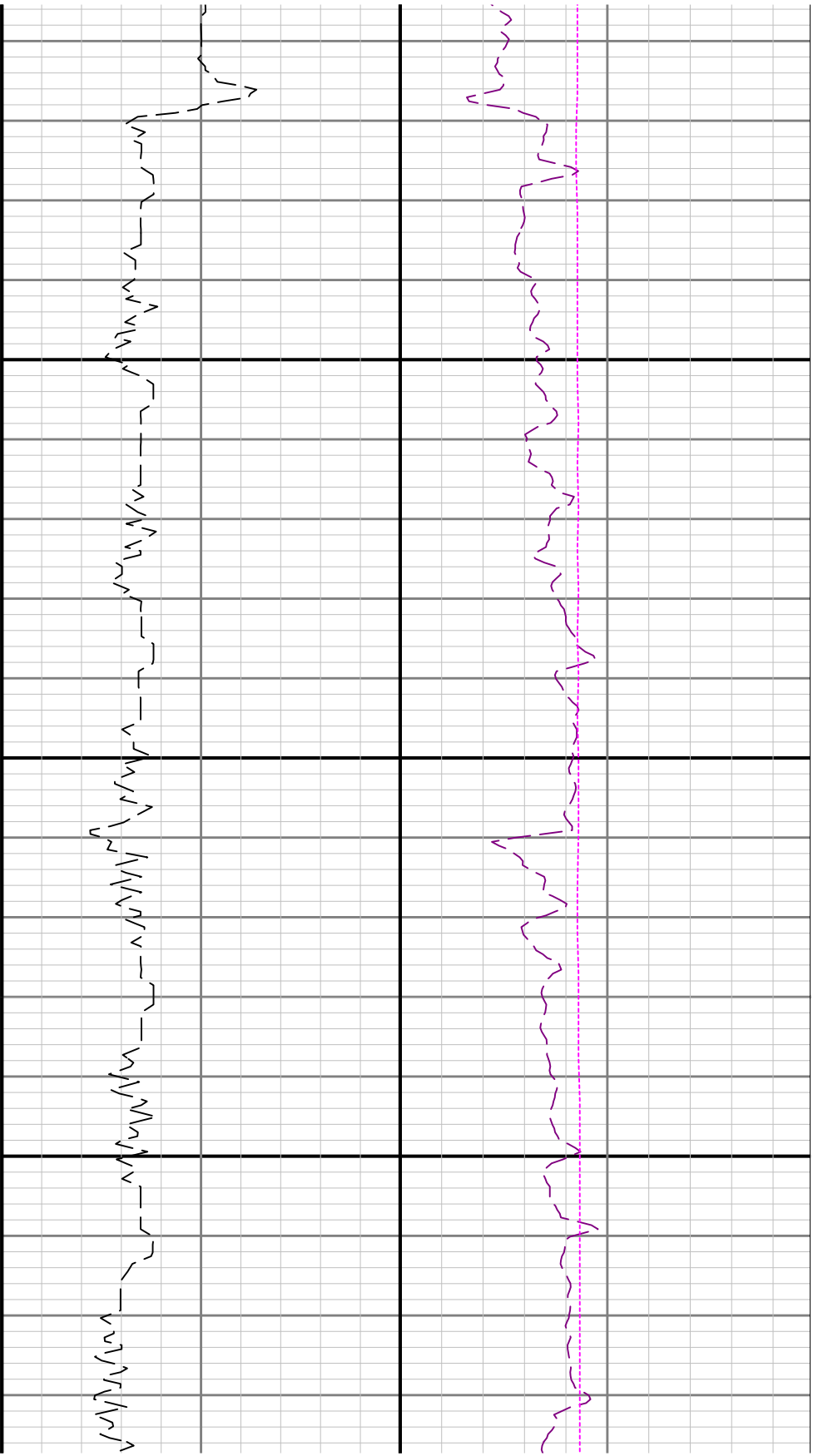
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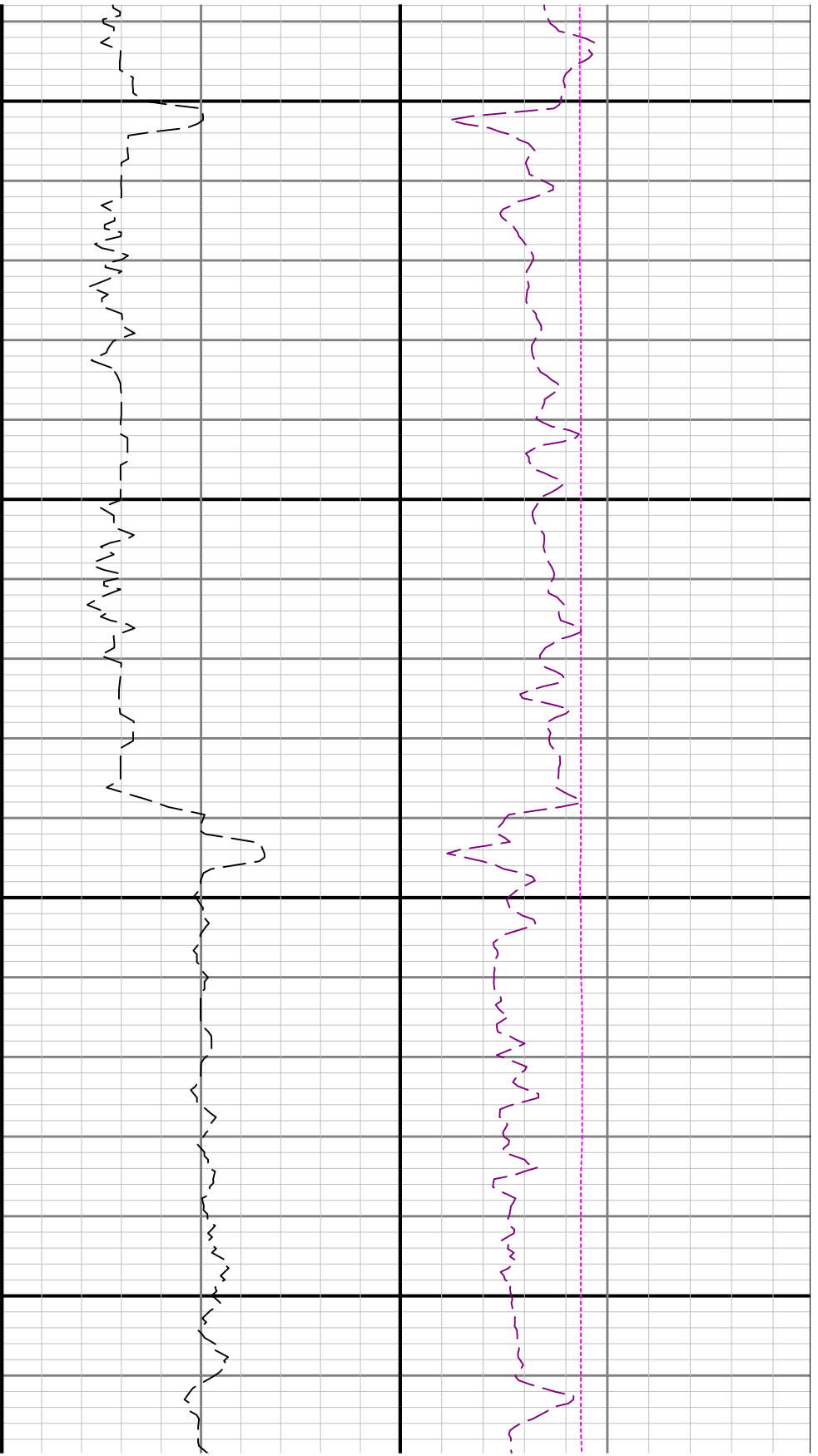


WOBA

TCDM

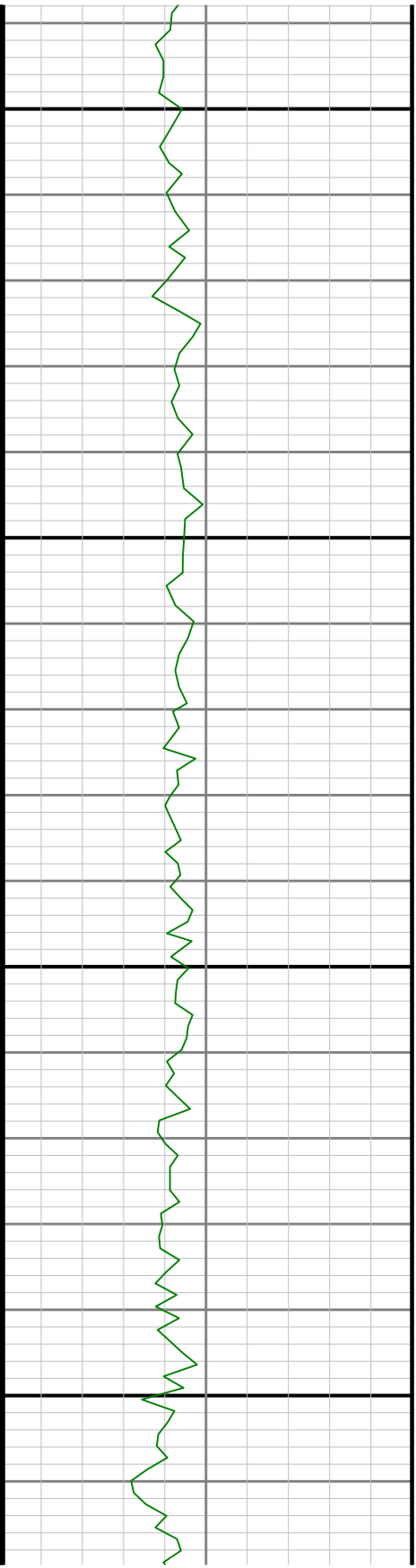


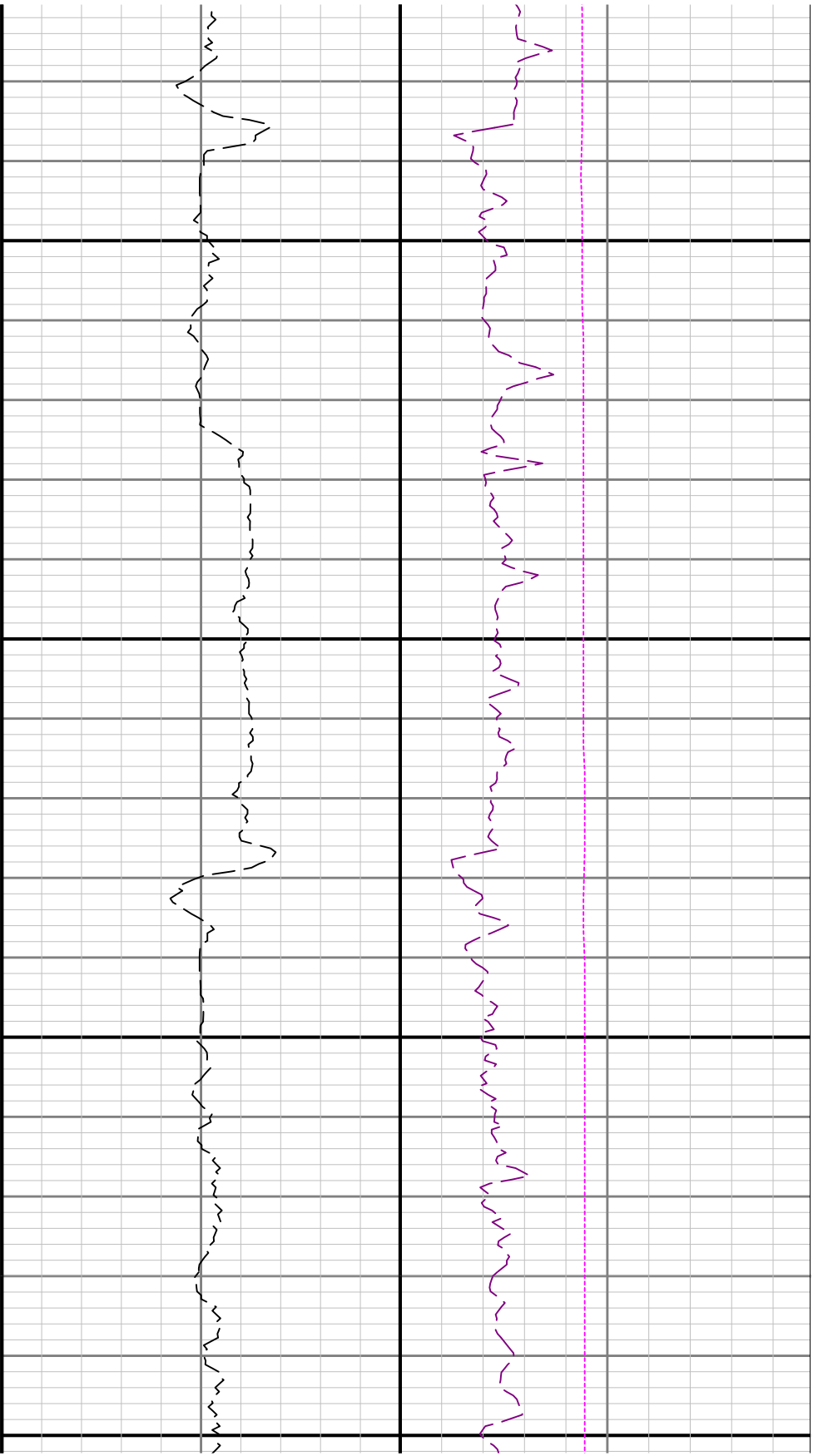




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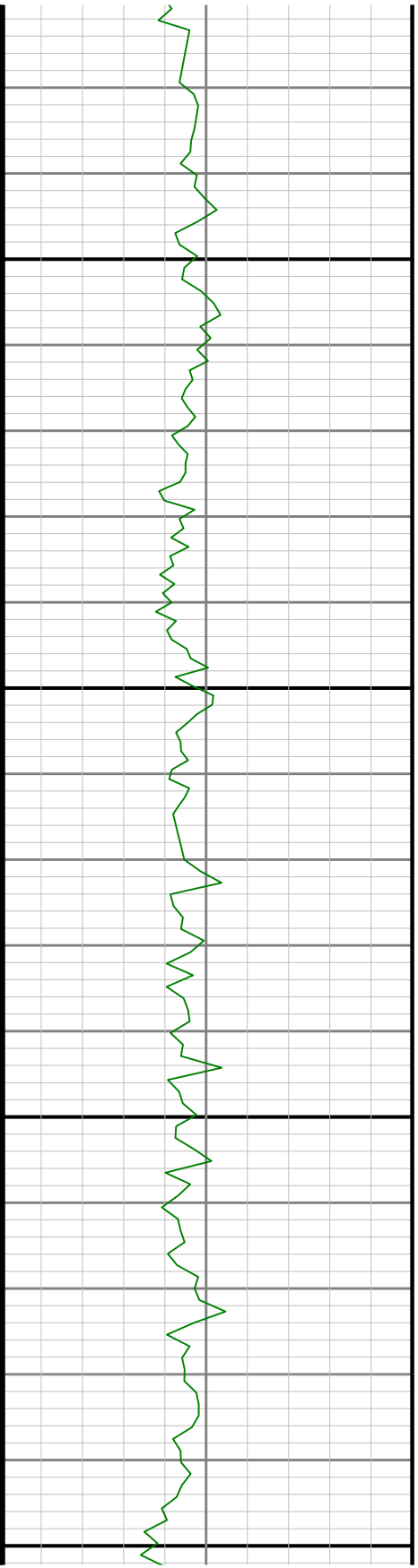
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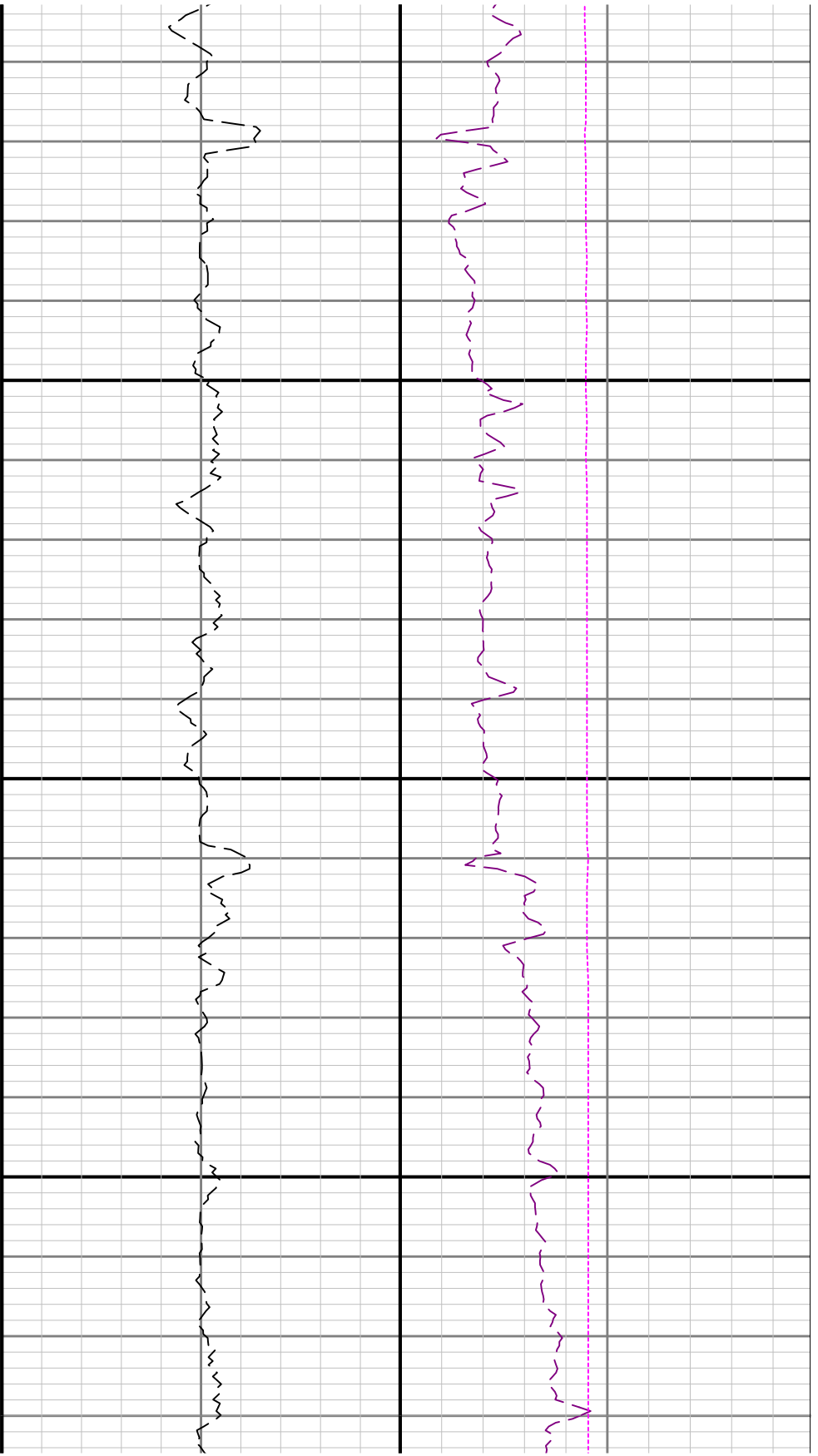




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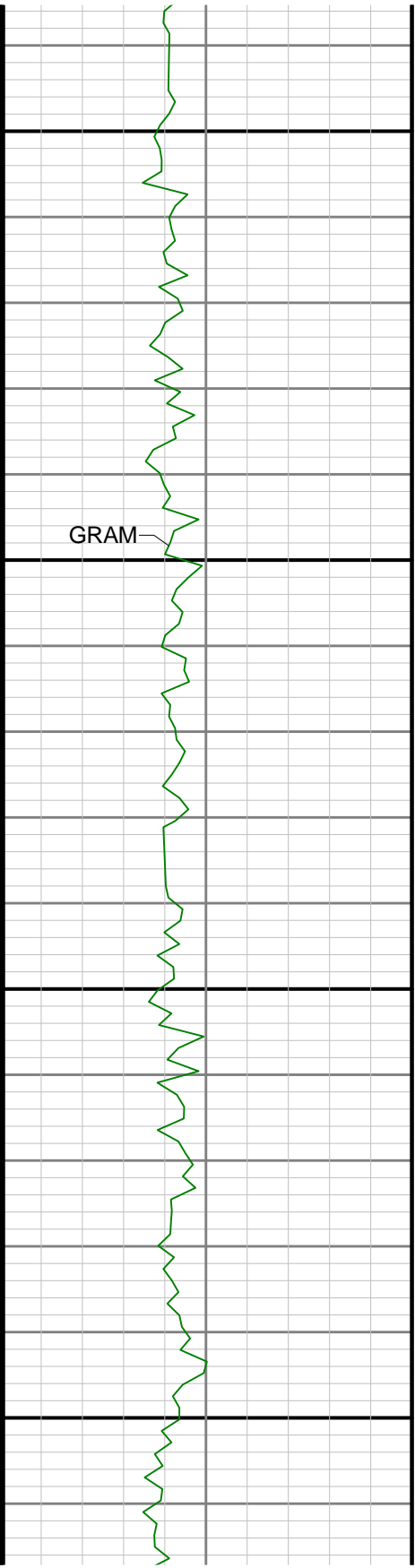




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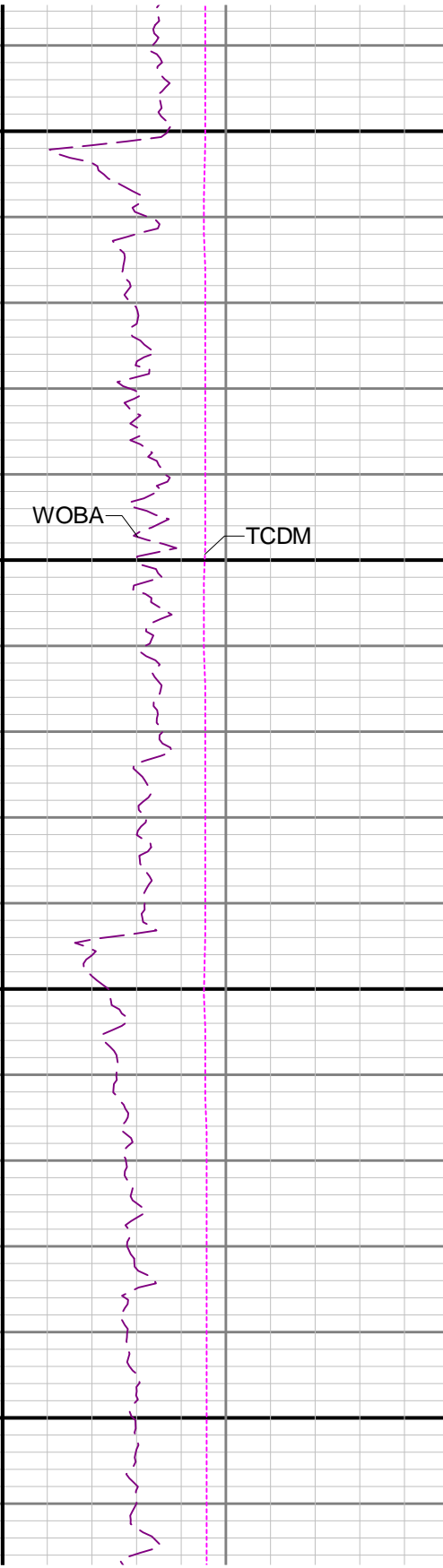
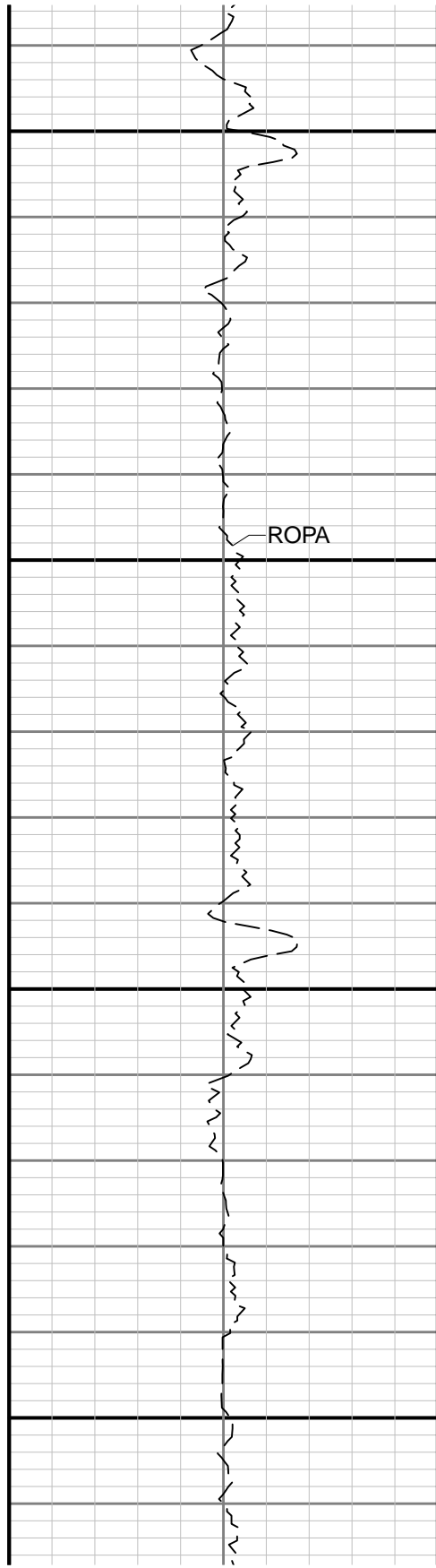
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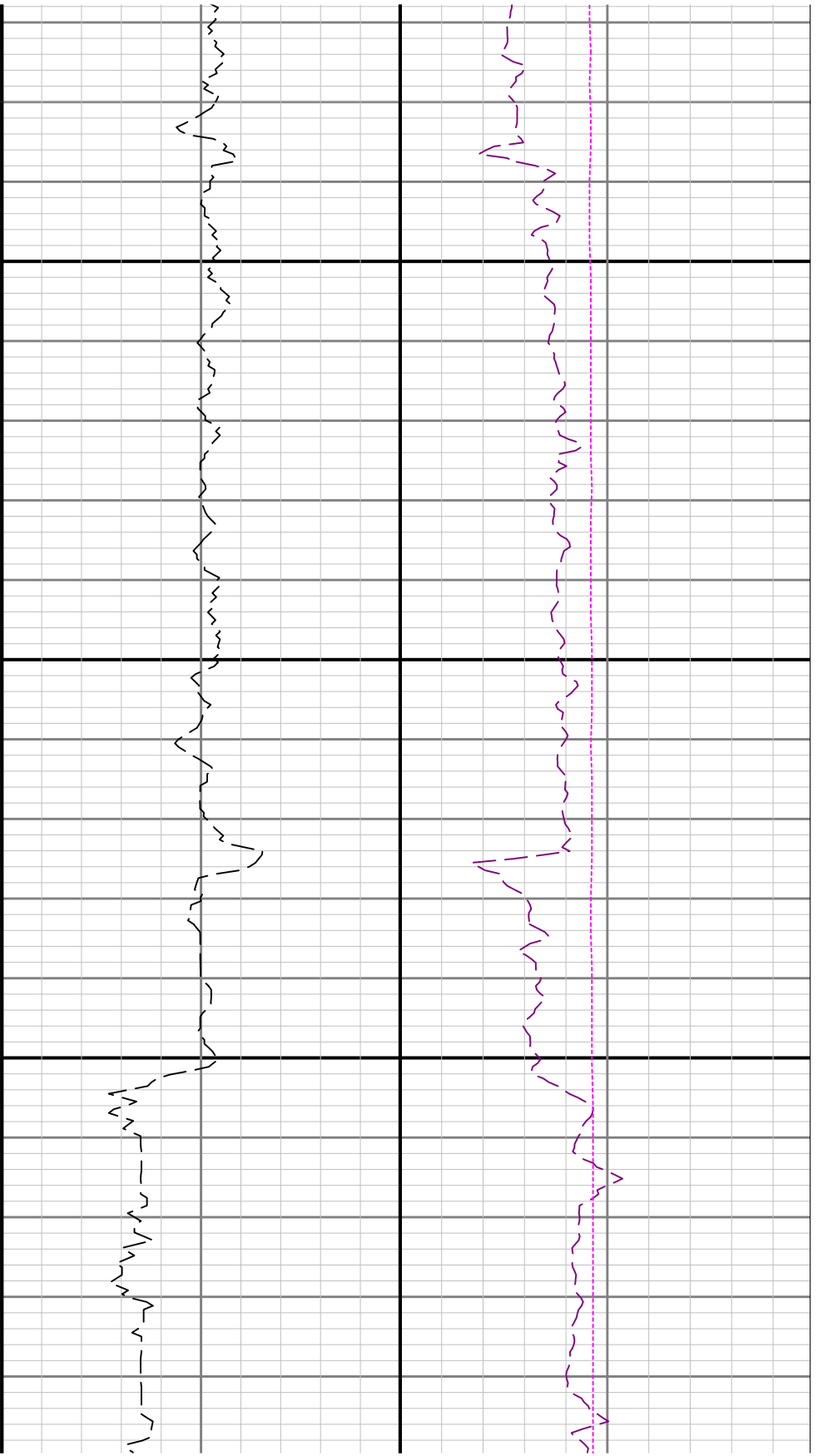




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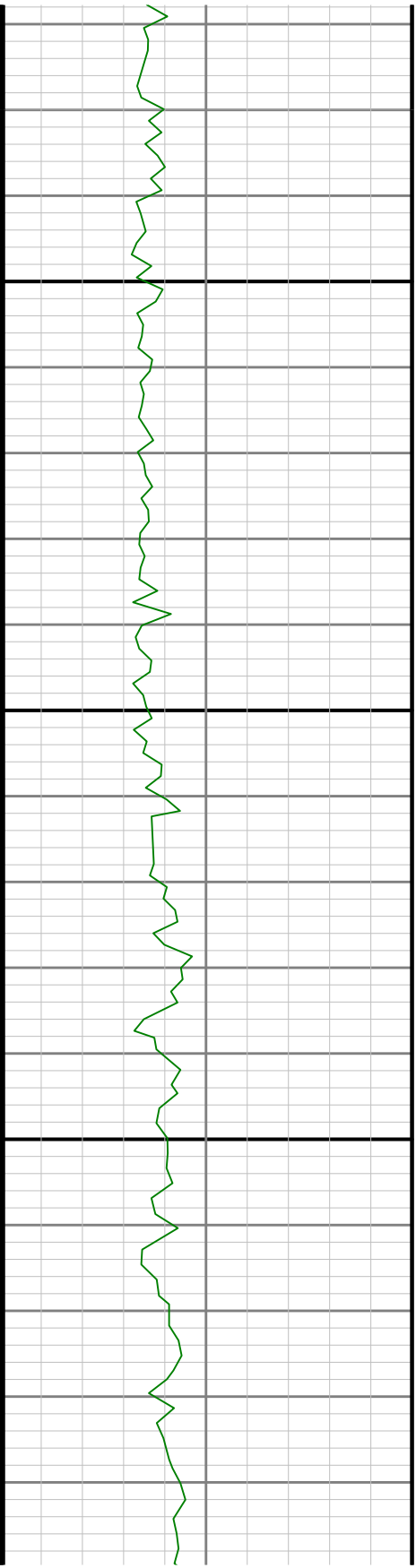
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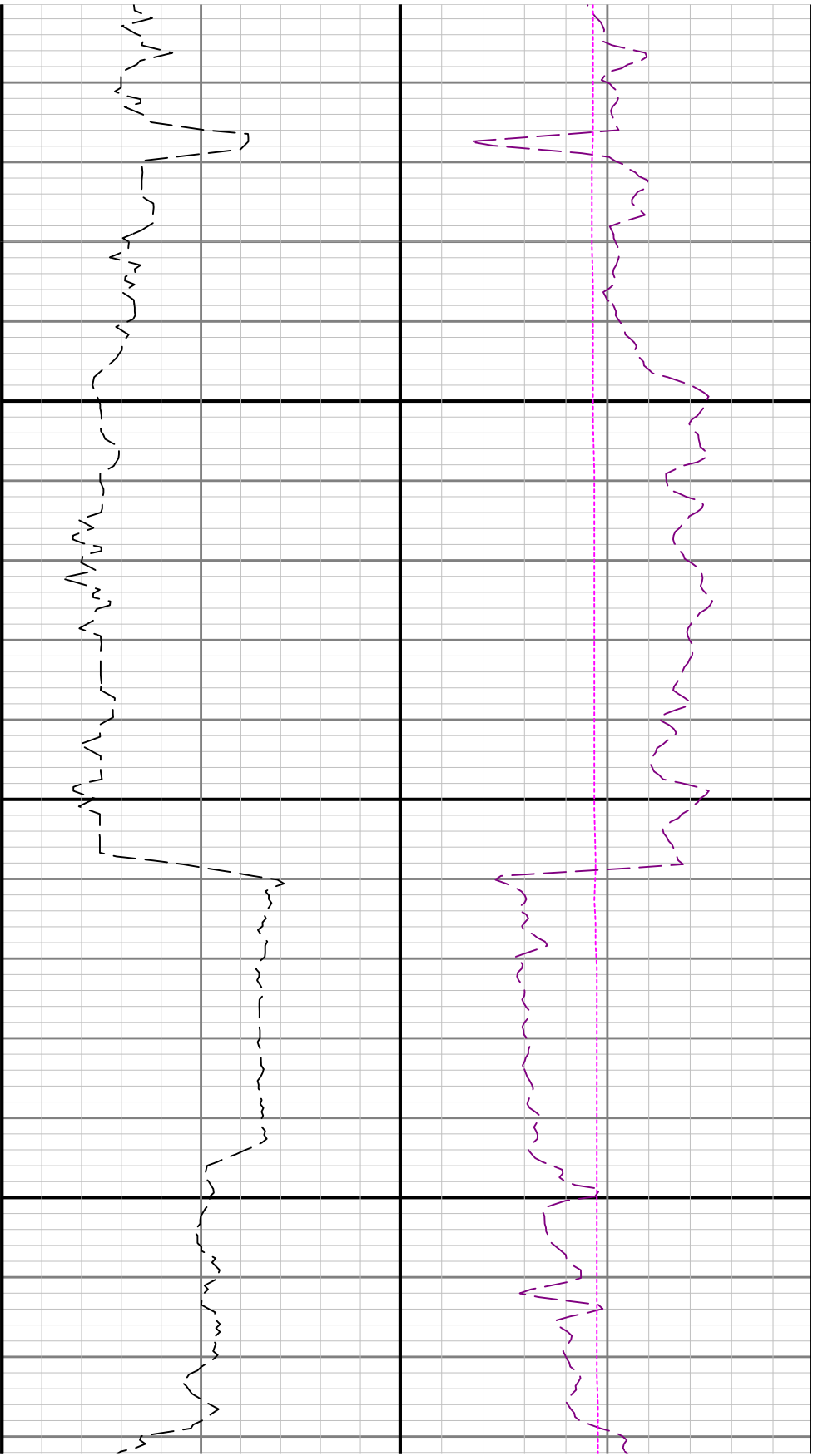




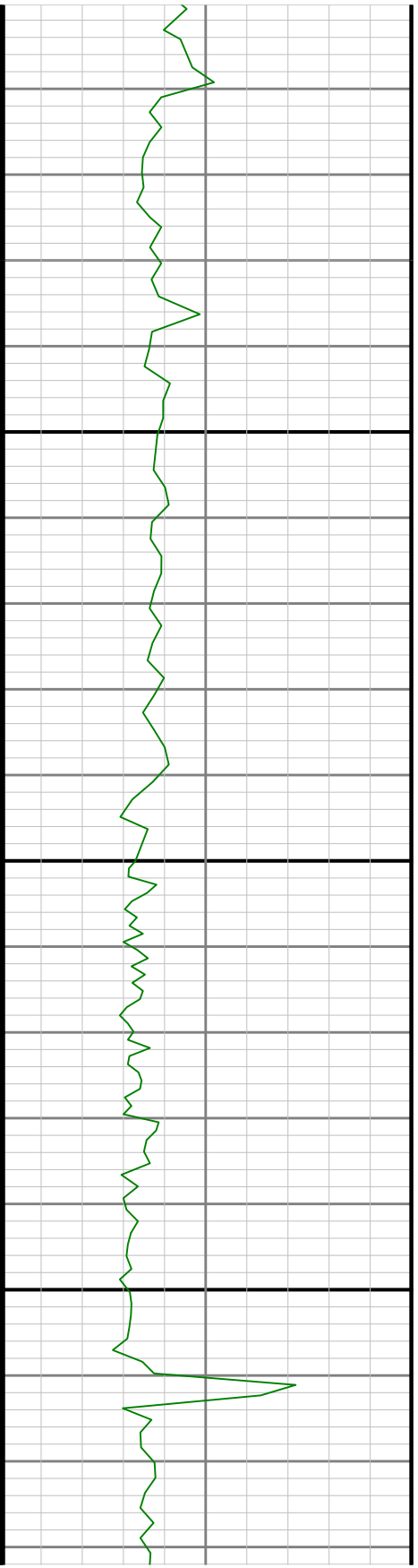
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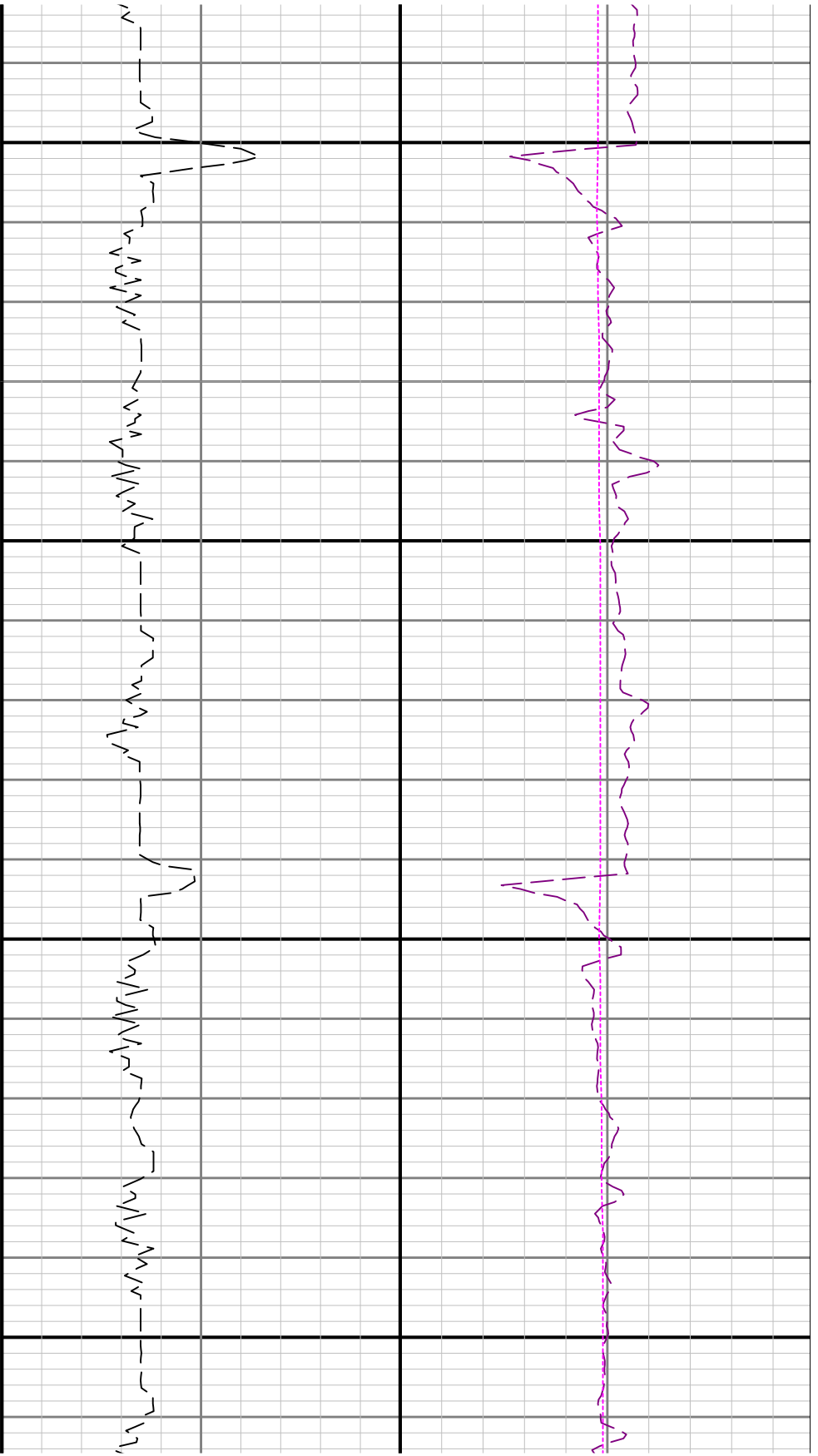
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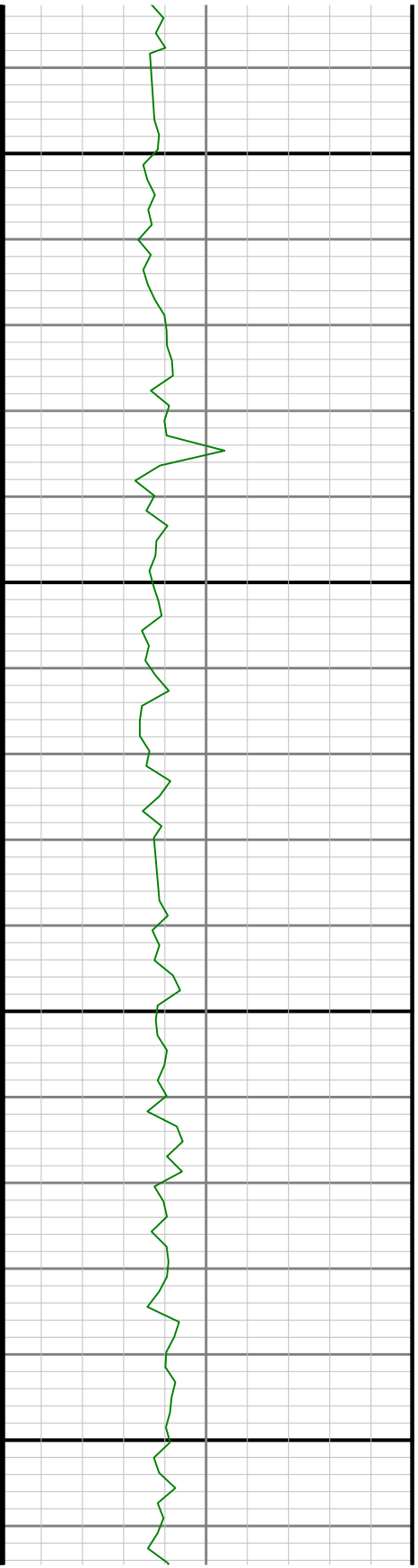
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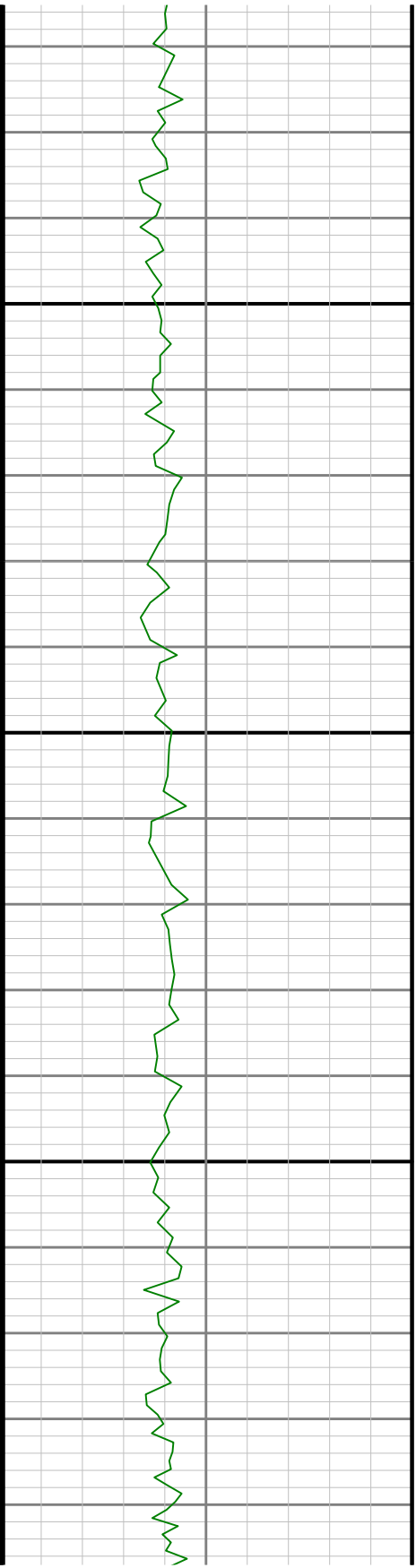
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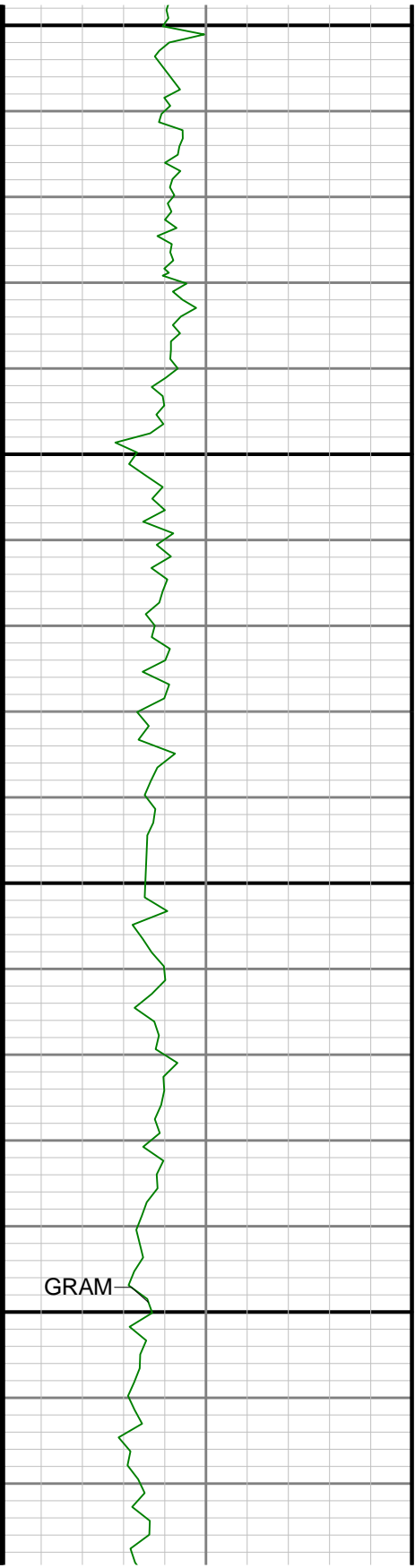




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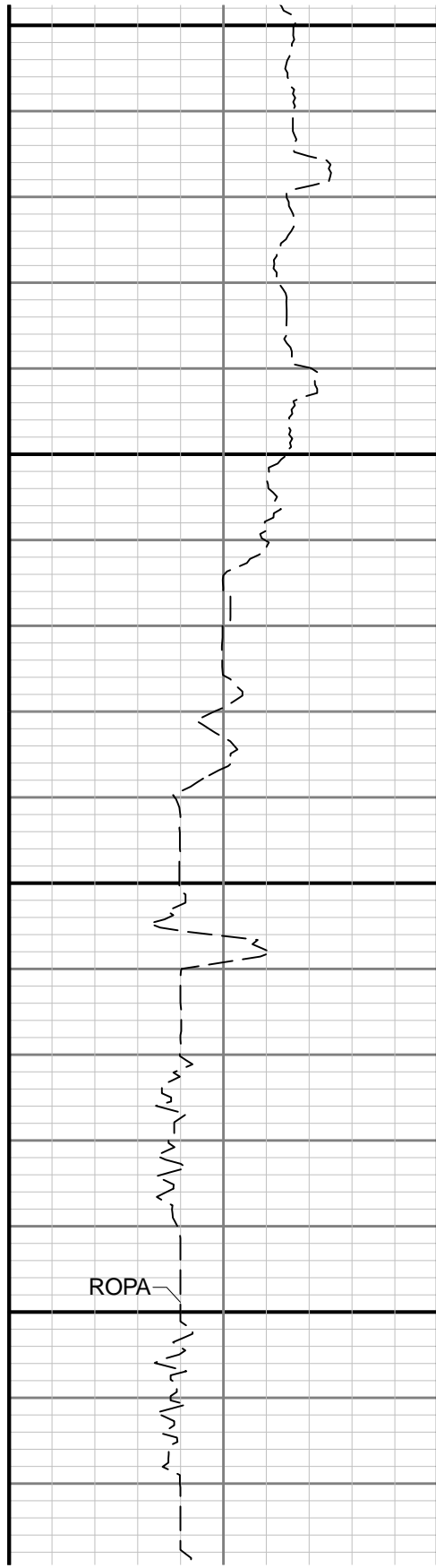
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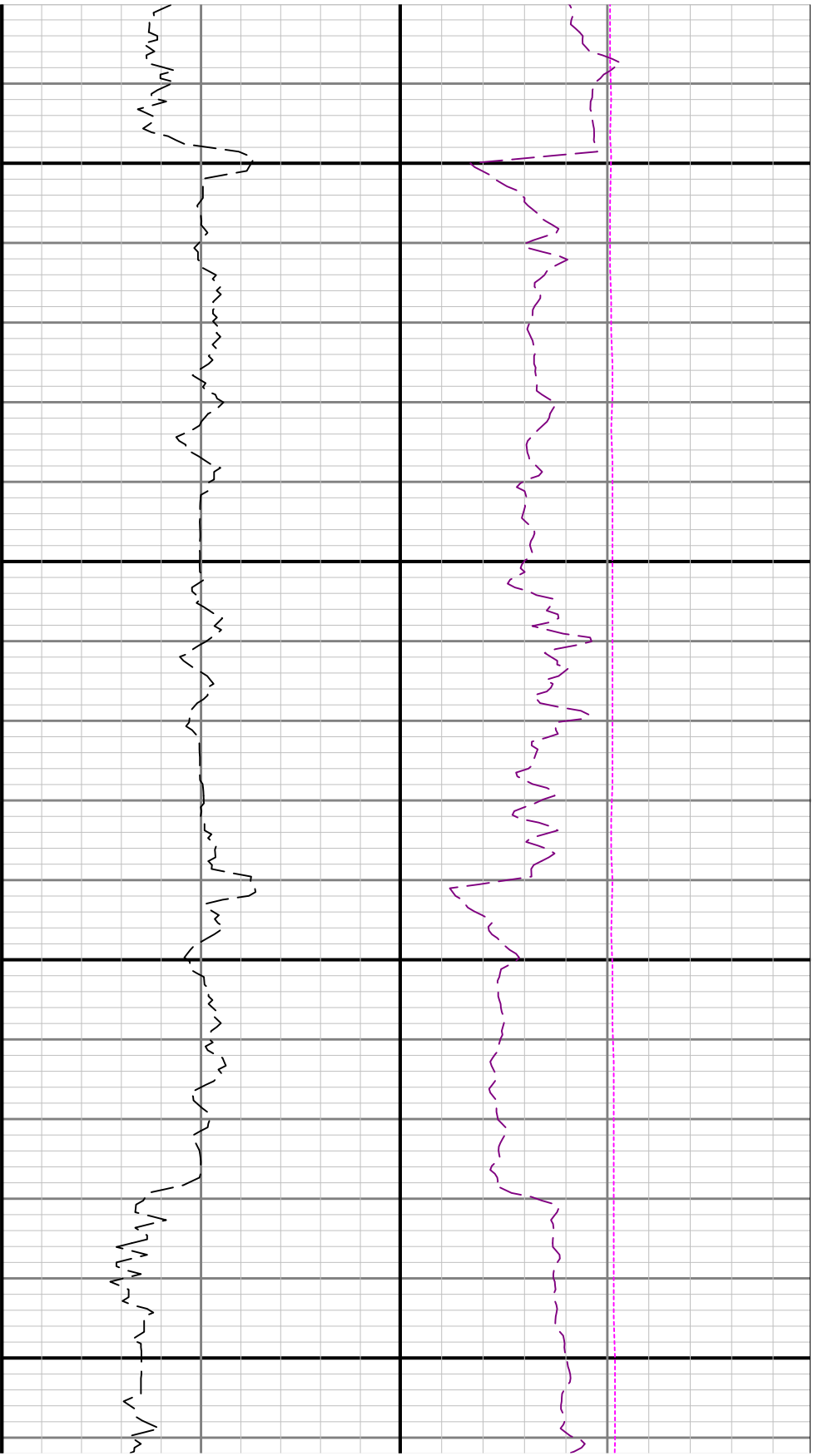


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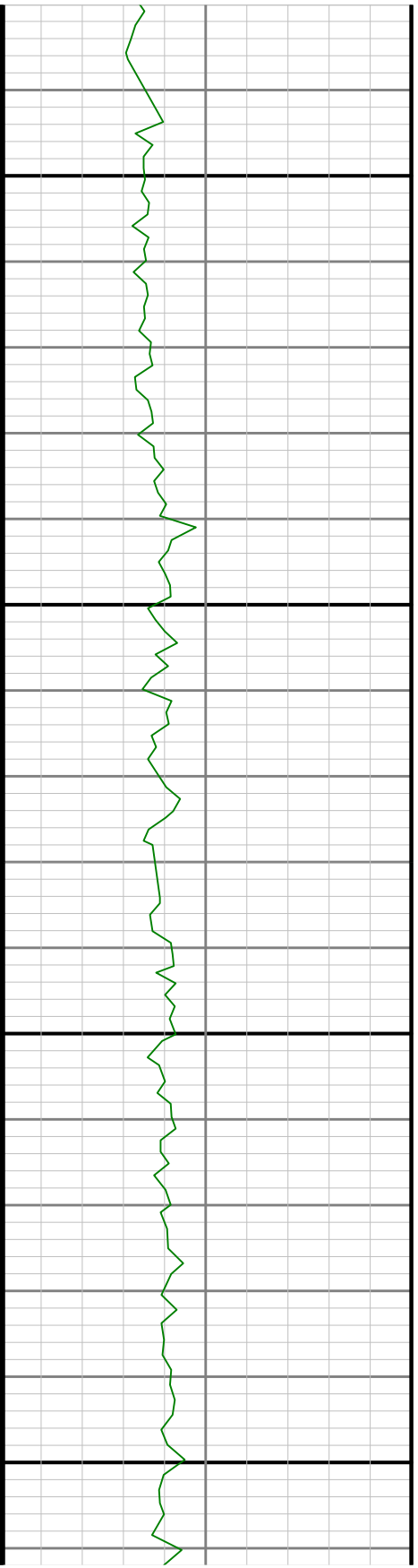


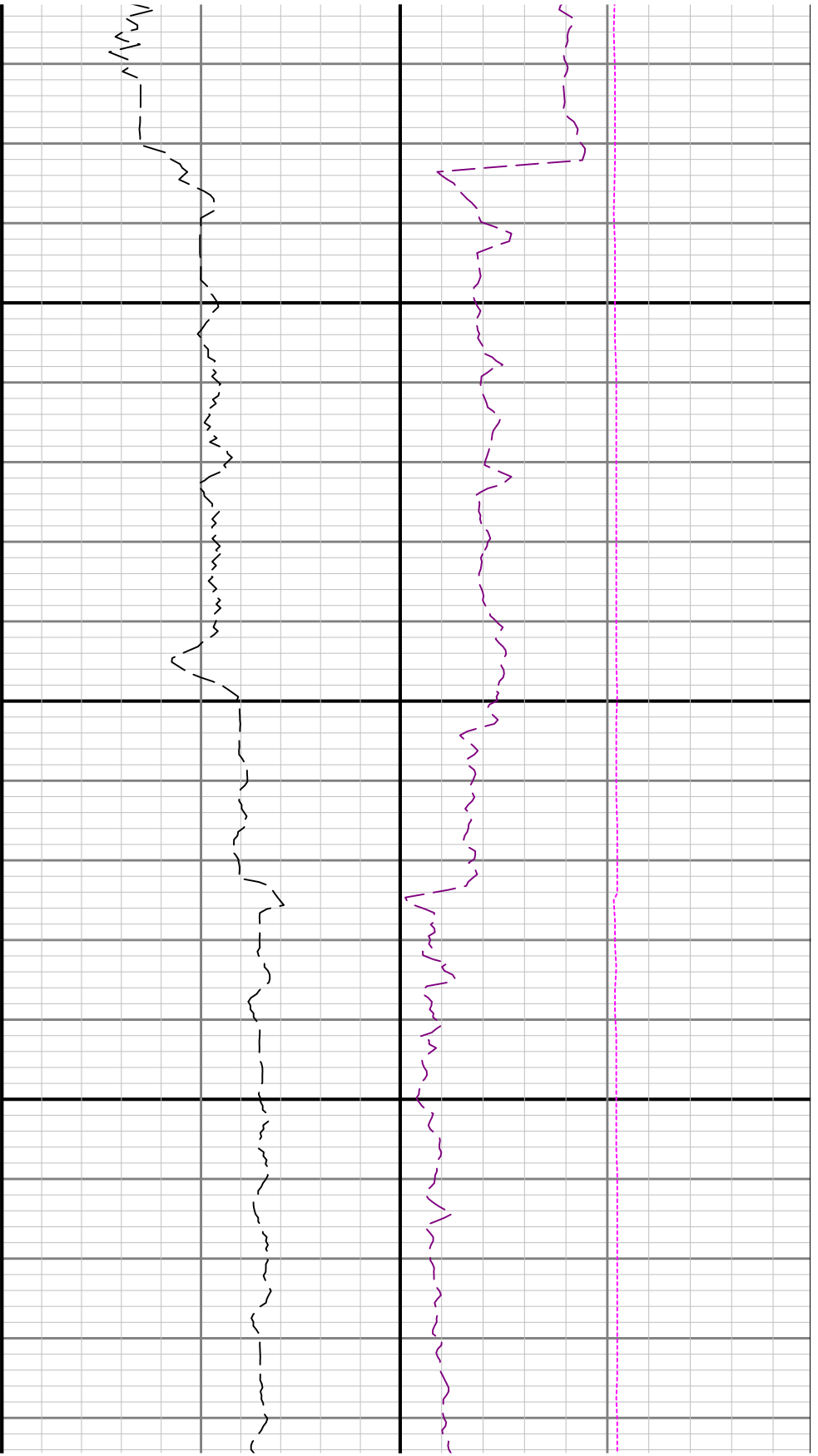
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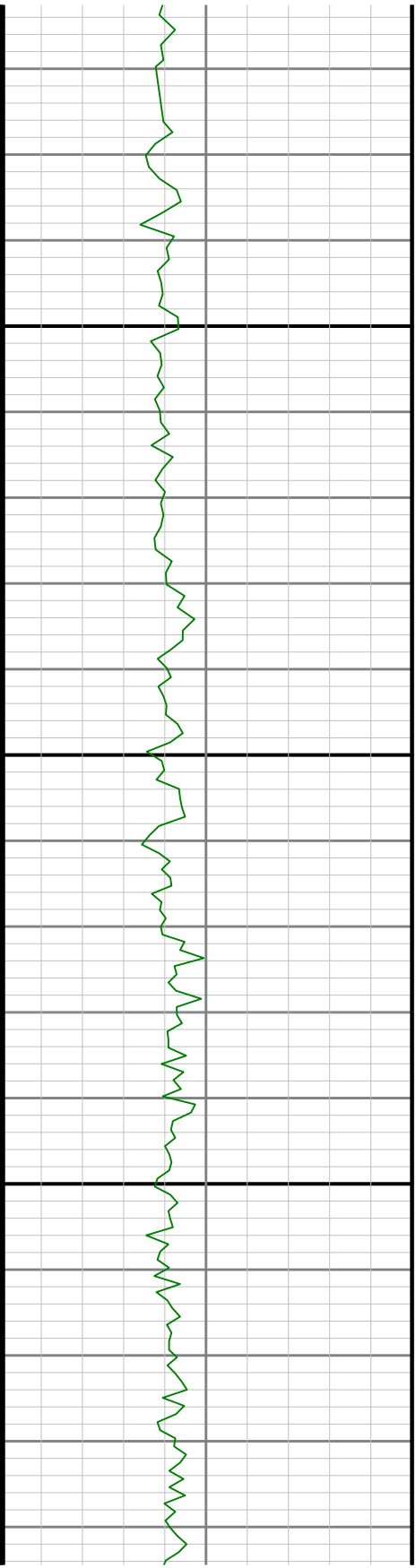
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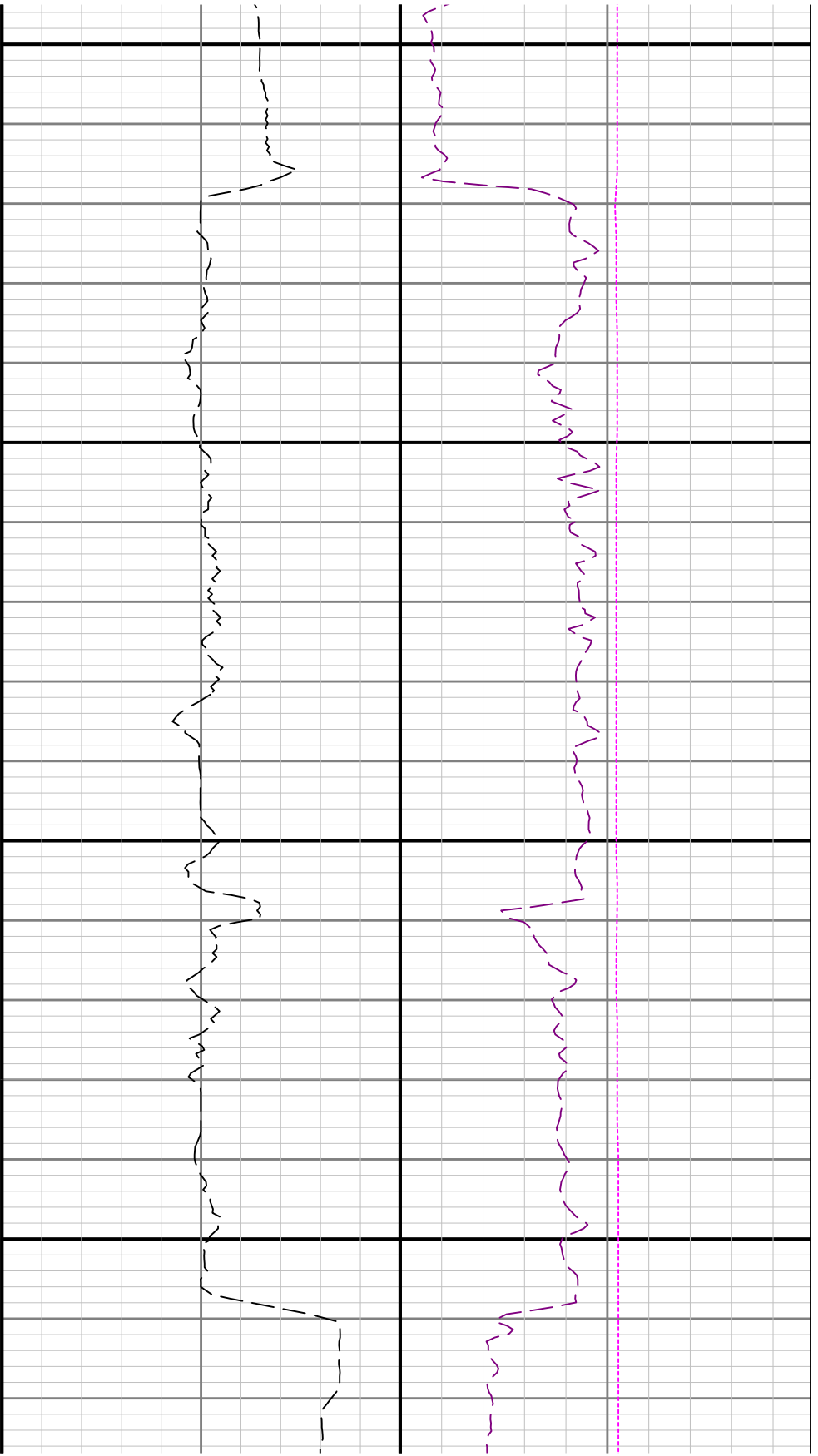
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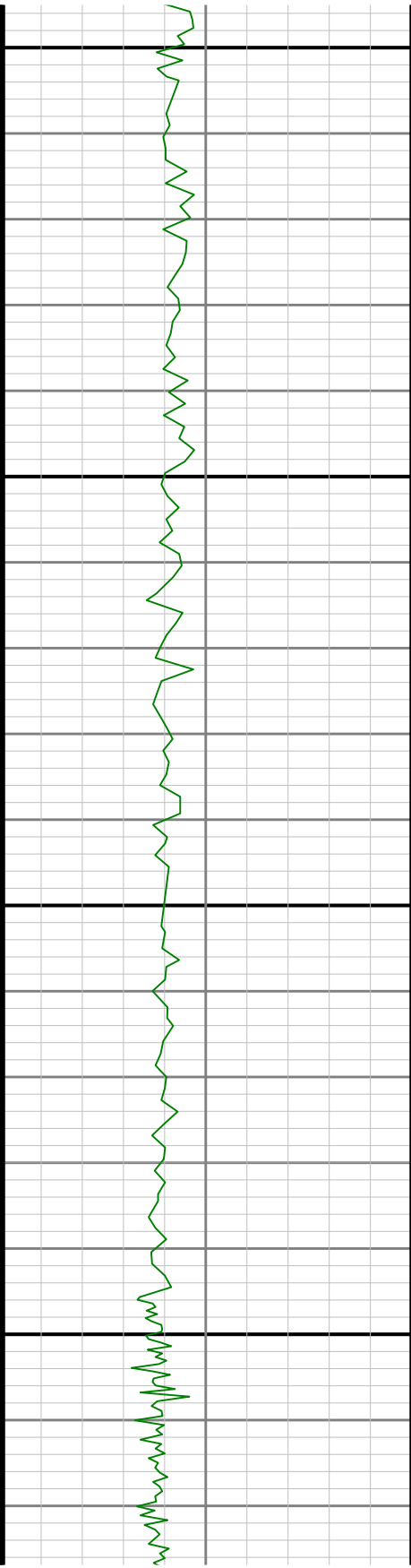
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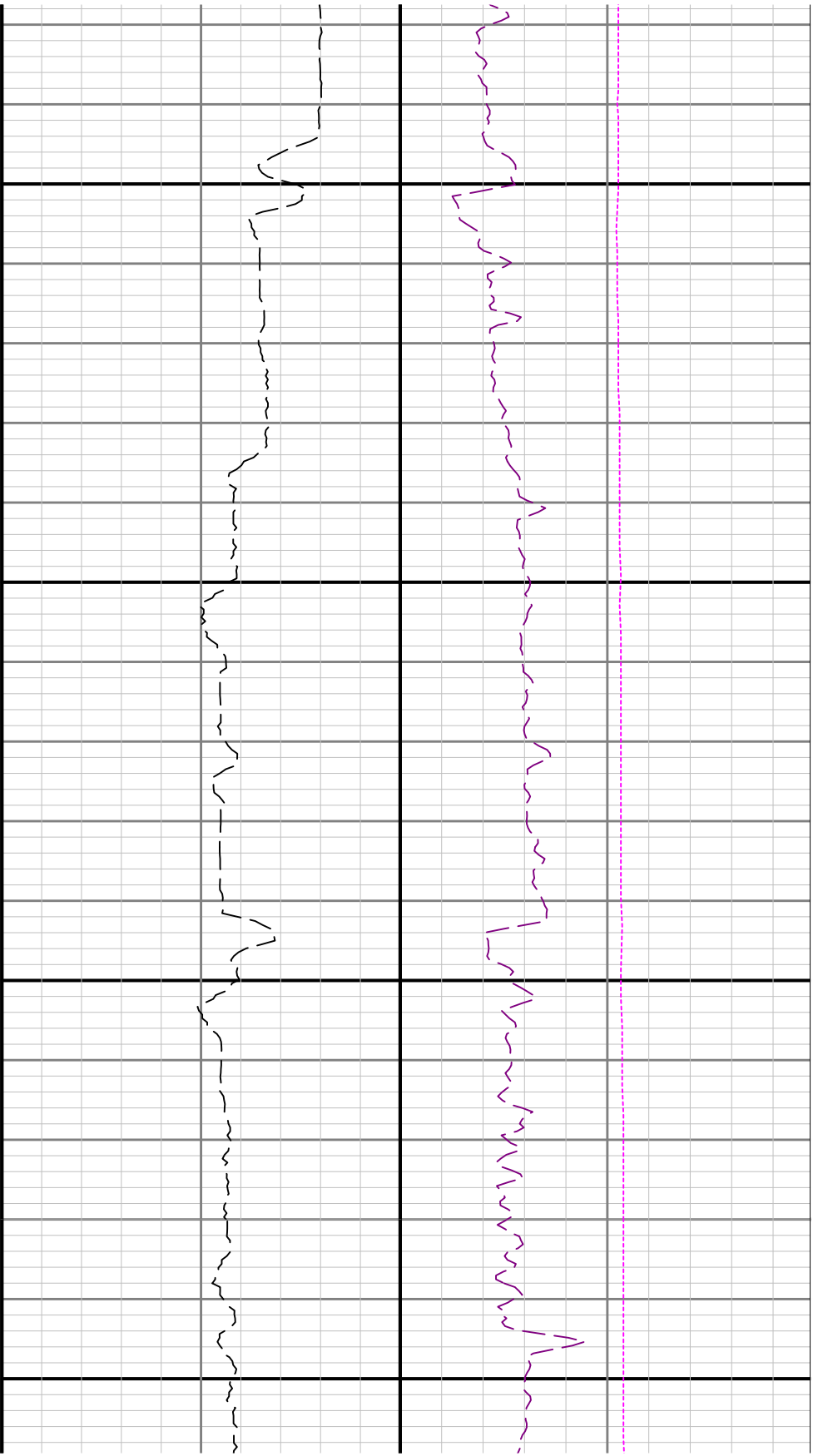




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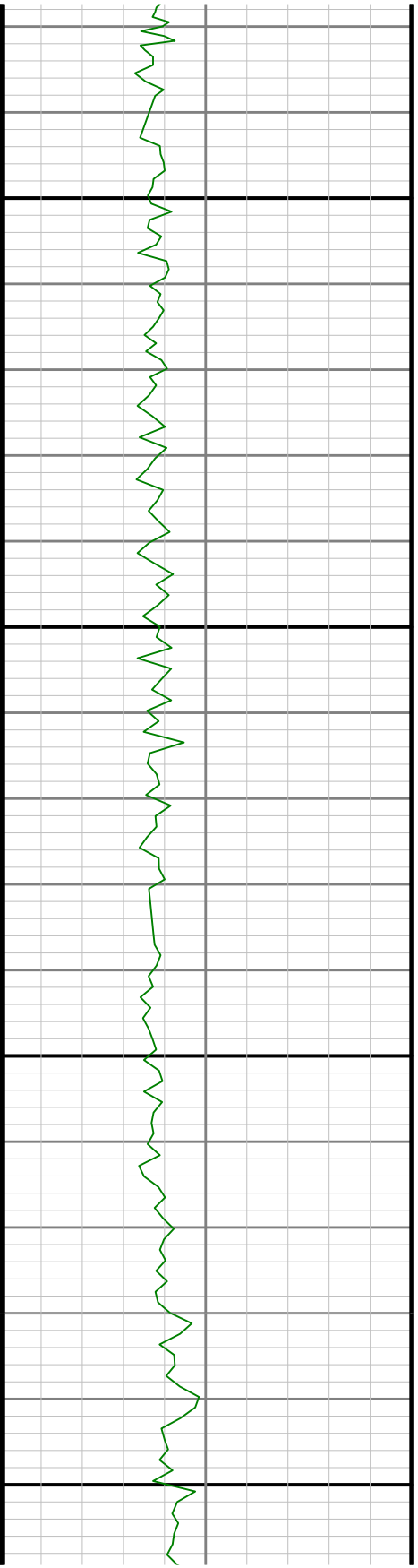
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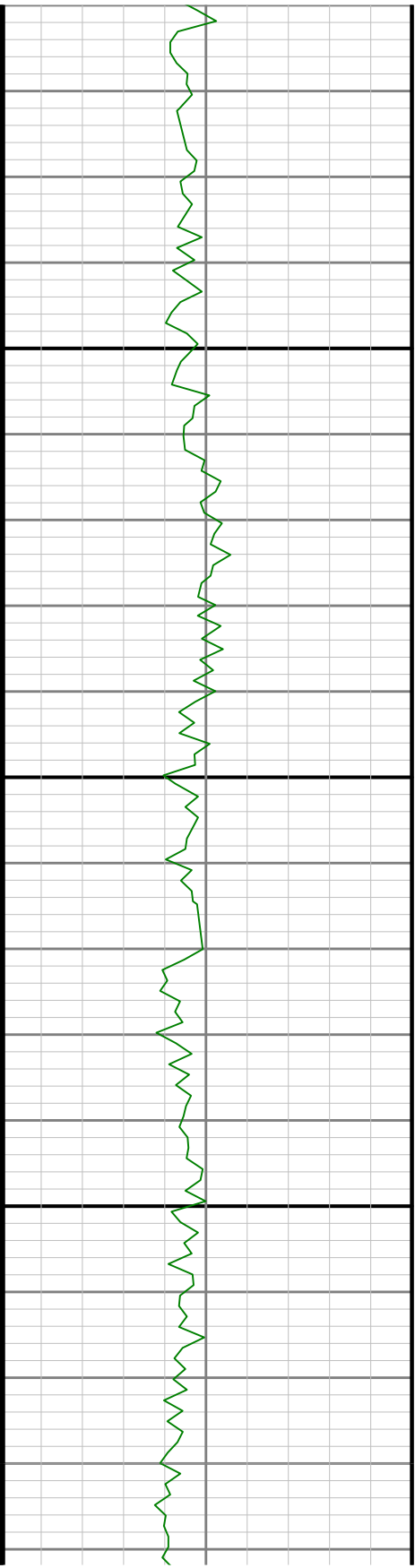




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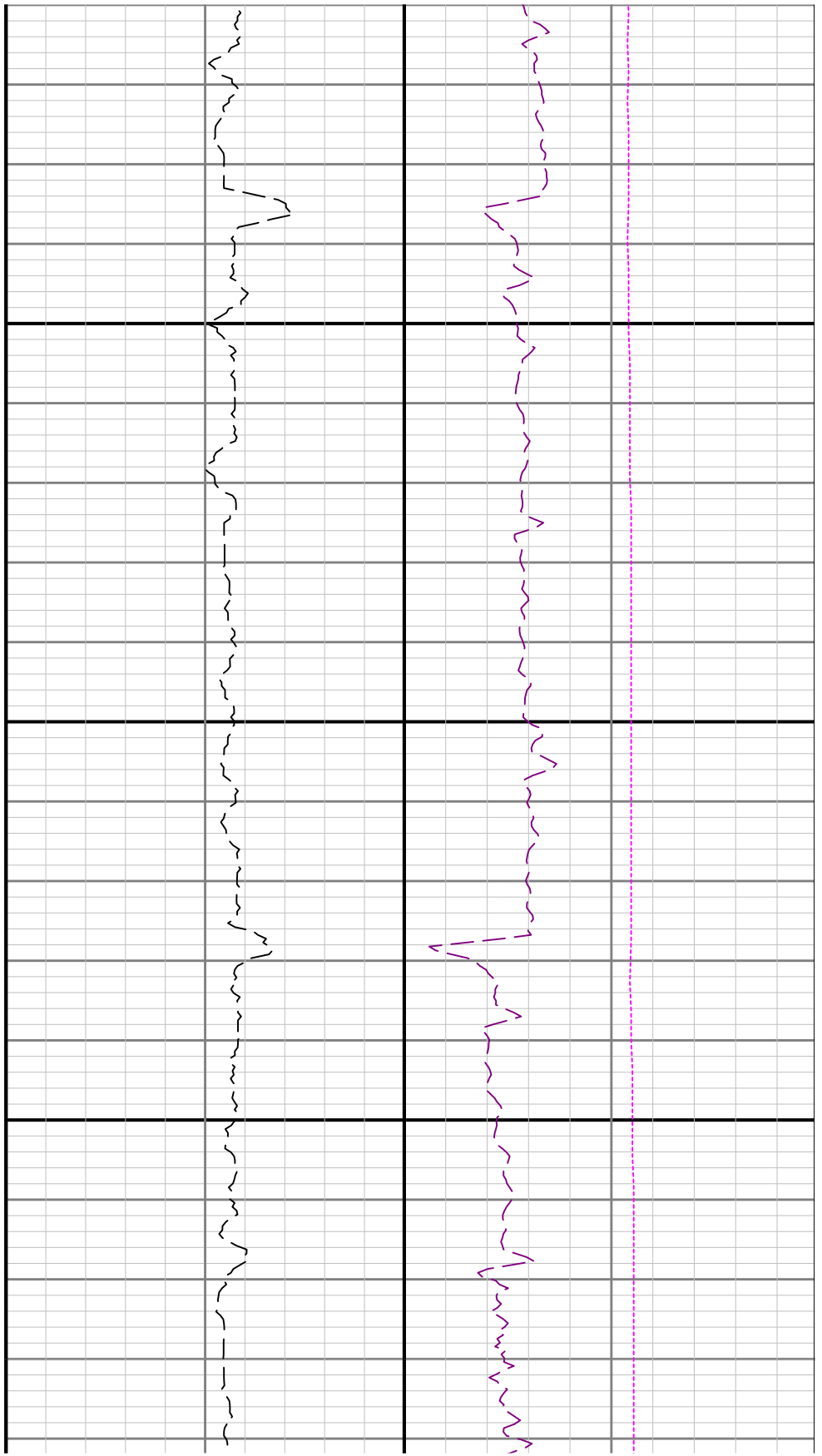
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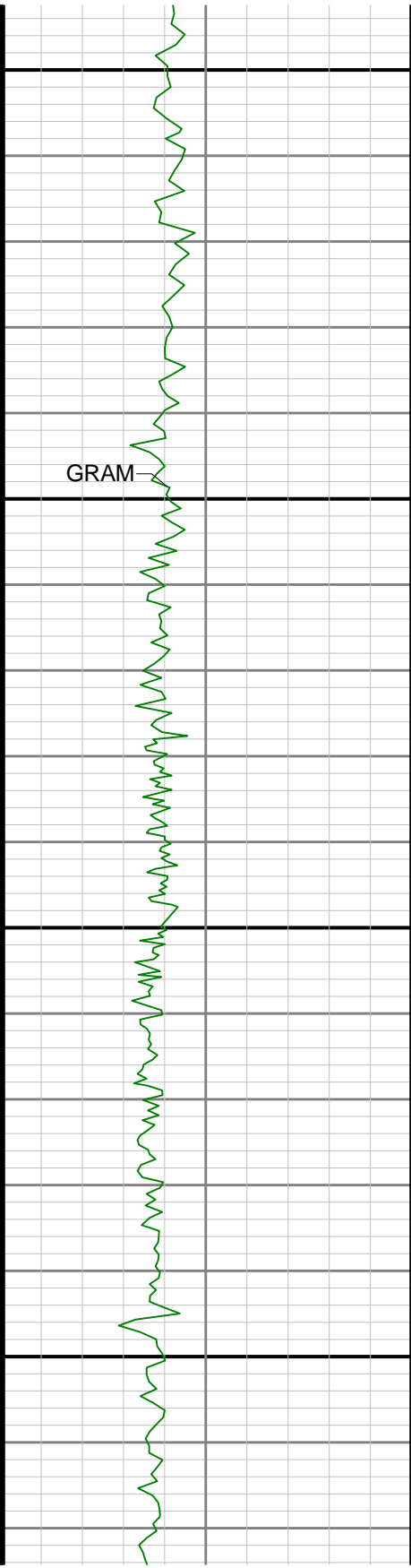




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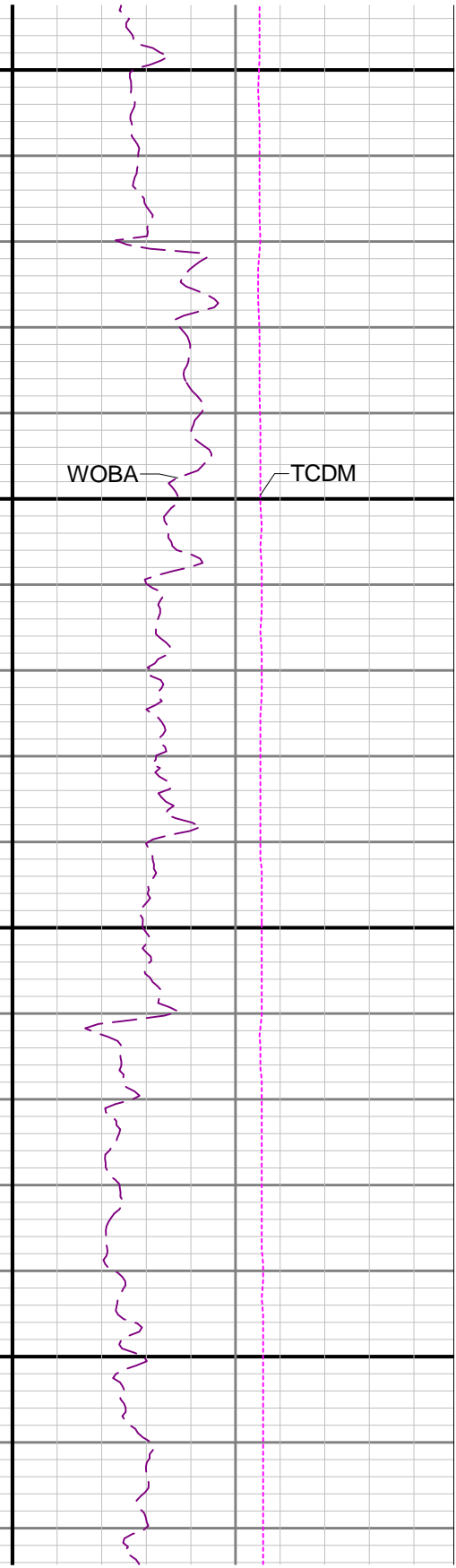
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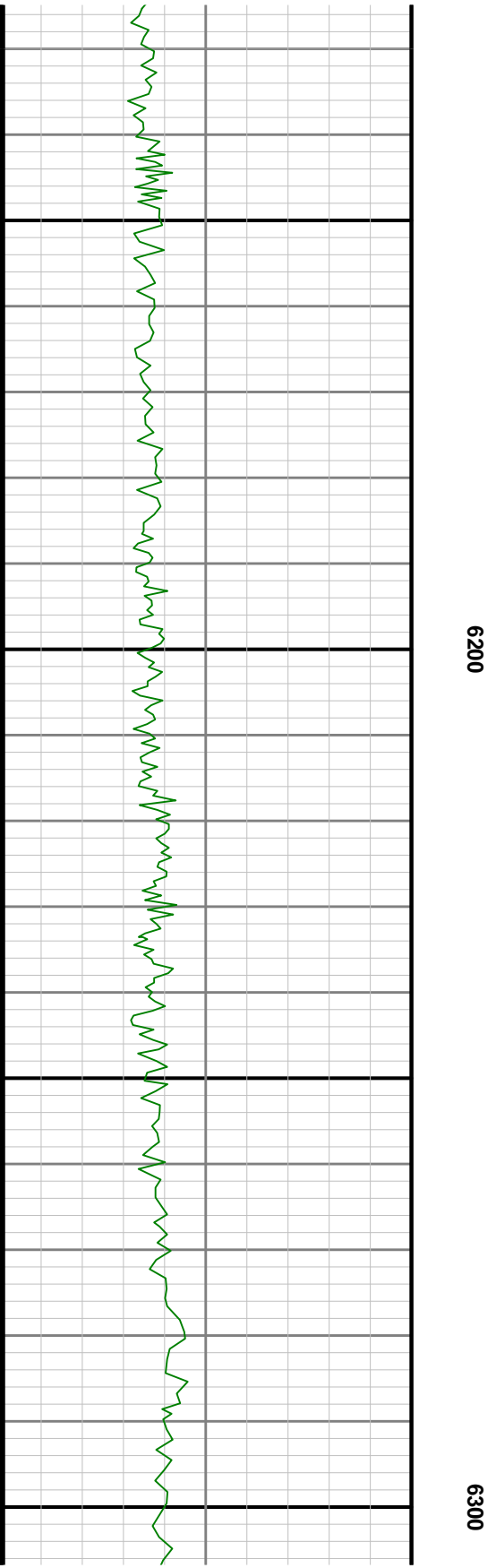
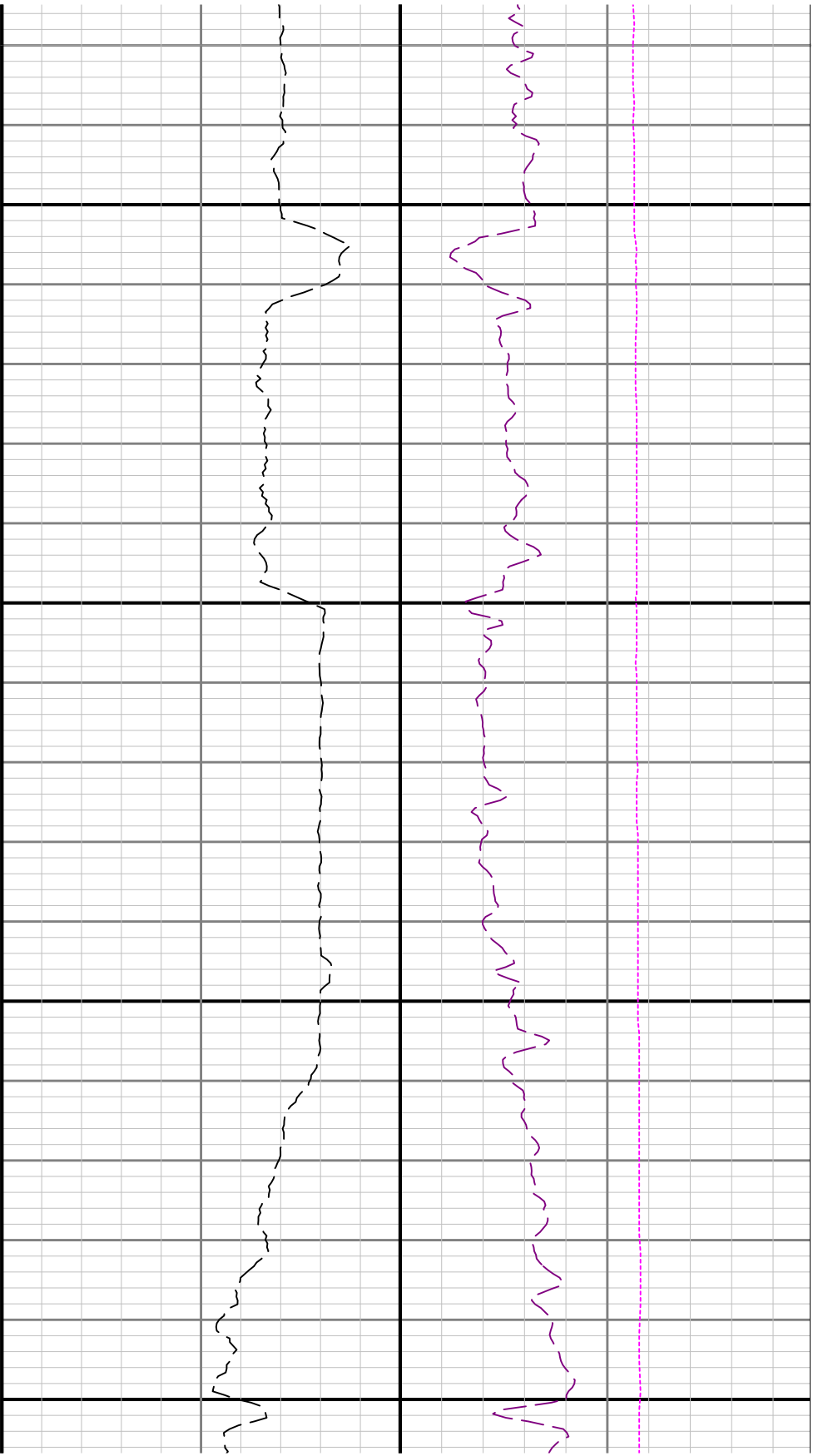


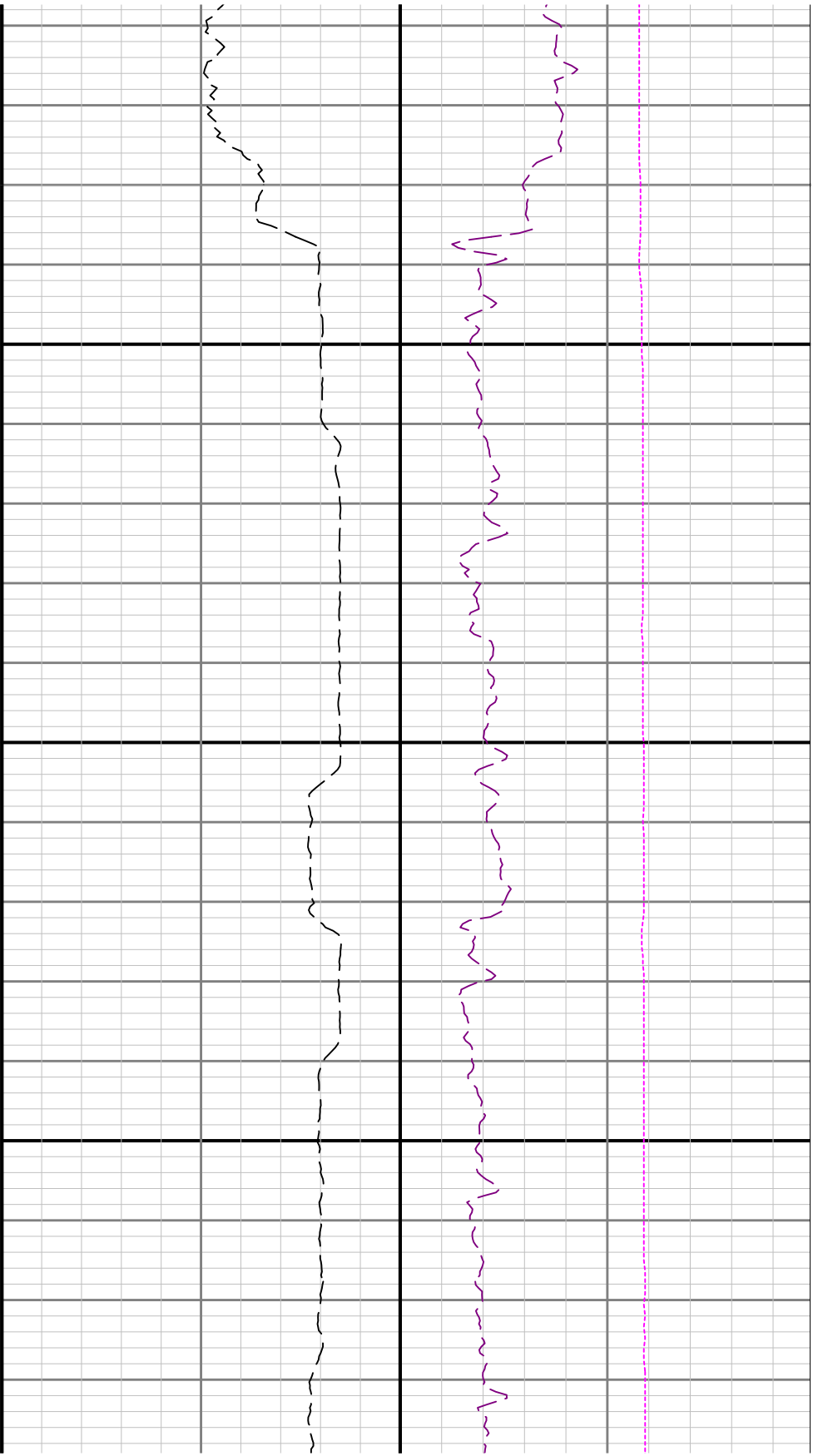


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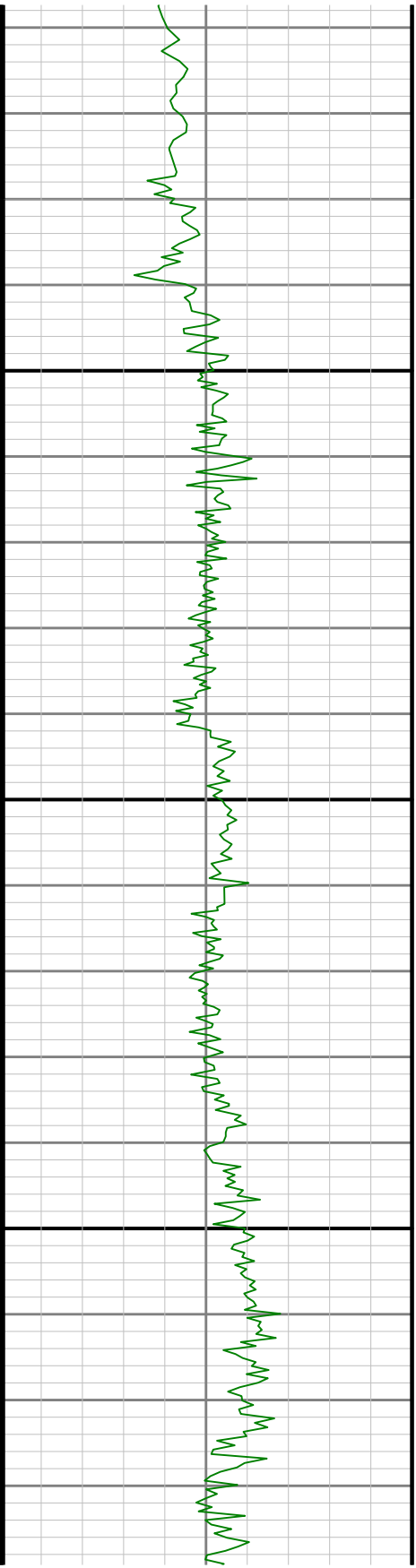
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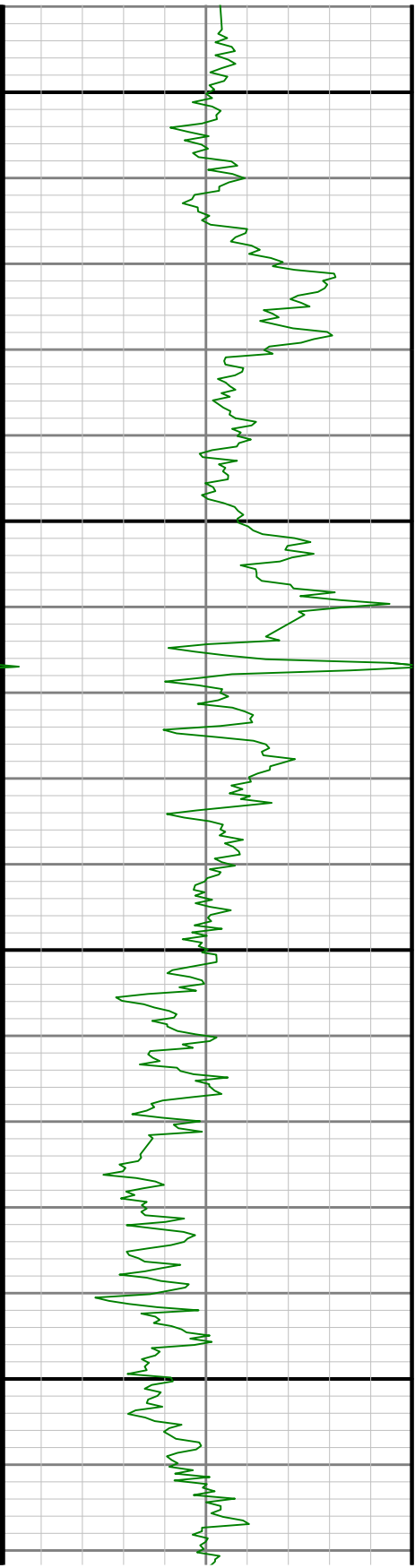






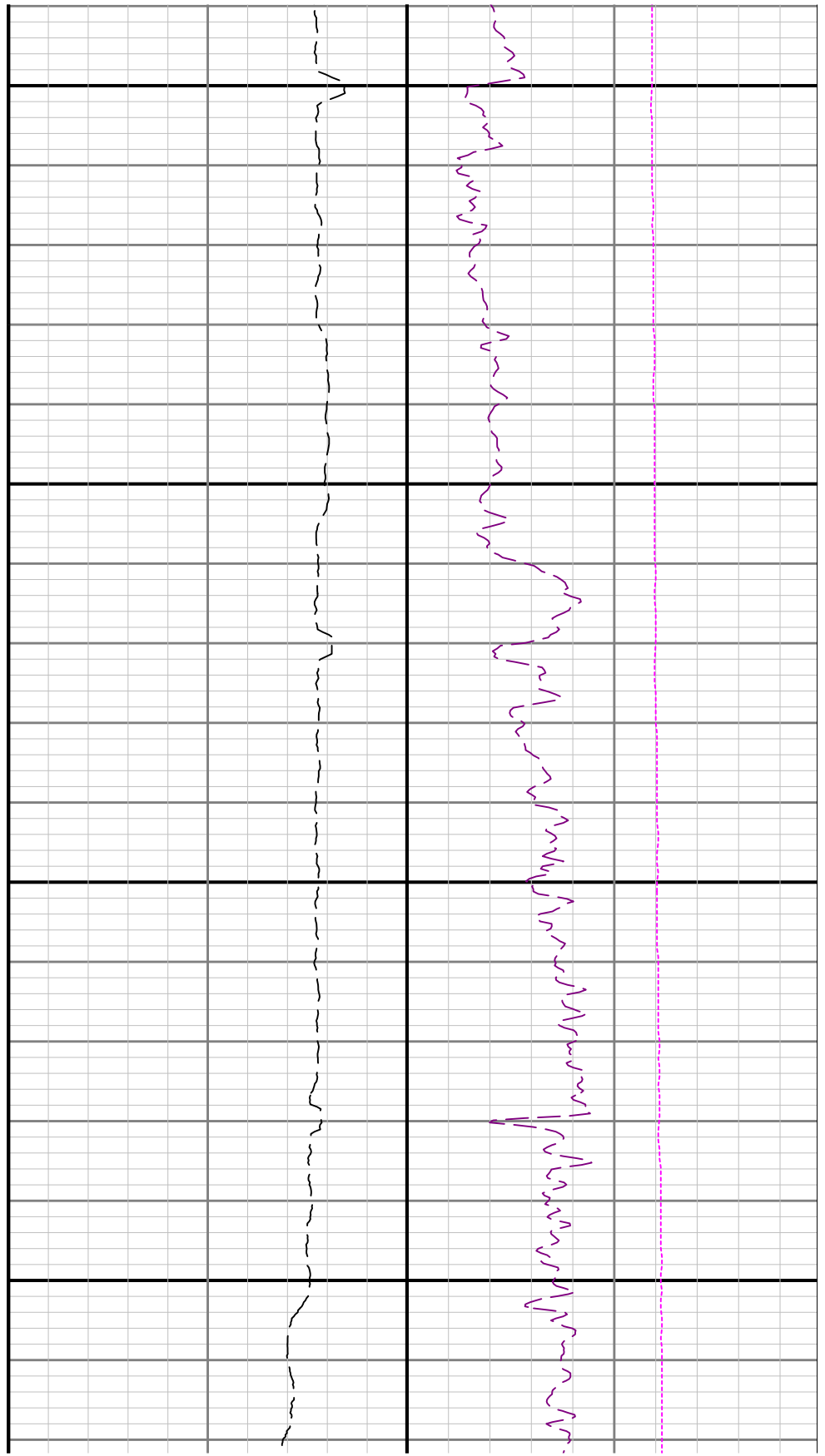
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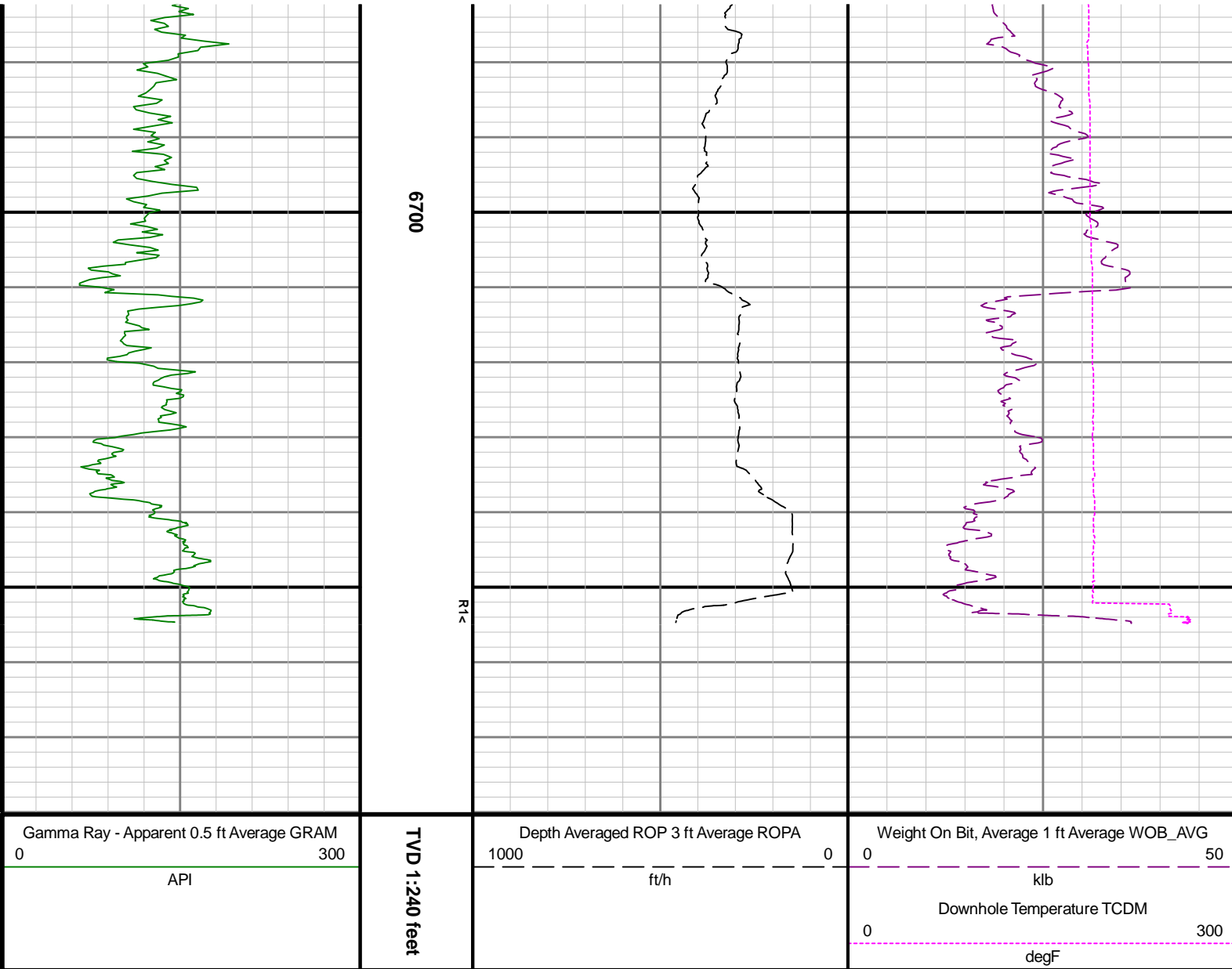




0099

6500





Directional Survey Summary

Latitude:	40° 11' 25.656" N	Longitude:	104° 28' 27.444" 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)	355.01		
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)	52079
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
	100.00	0.39	142.17	N/A	-0.27	0.21	100.00	-4753.00	-0.29	100.00	0.39	0.39	142.17
	200.00	0.37	120.77	N/A	-0.70	0.69	200.00	-4653.00	-0.76	100.00	0.14	-0.02	-21.40

		300.00	0.21	158.27	N/A	-1.04	1.04	300.00	-4553.00	-1.12	100.00	0.24	-0.16	37.50
		400.00	0.38	255.49	N/A	-1.29	0.79	399.99	-4453.01	-1.36	100.00	0.46	0.17	97.22
		500.00	0.20	318.23	N/A	-1.24	0.35	499.99	-4353.01	-1.27	100.00	0.34	-0.18	62.74
		600.00	0.25	82.07	N/A	-1.08	0.45	599.99	-4253.01	-1.12	100.00	0.40	0.05	123.84
		700.00	0.12	177.56	N/A	-1.16	0.67	699.99	-4153.01	-1.21	100.00	0.29	-0.13	95.49
		800.00	0.38	214.44	N/A	-1.54	0.49	799.99	-4053.01	-1.57	100.00	0.29	0.26	36.88
		900.00	0.45	236.68	N/A	-2.03	-0.03	899.99	-3953.01	-2.02	100.00	0.17	0.07	22.24
		1000.00	0.40	227.81	N/A	-2.48	-0.62	999.99	-3853.01	-2.41	100.00	0.08	-0.05	-8.87
		1100.00	0.37	198.26	N/A	-3.02	-0.98	1099.98	-3753.02	-2.92	100.00	0.20	-0.03	-29.55
		1200.00	0.29	201.12	N/A	-3.56	-1.17	1199.98	-3653.02	-3.44	100.00	0.08	-0.08	2.86
		1300.00	0.56	193.10	N/A	-4.27	-1.37	1299.98	-3553.02	-4.14	100.00	0.28	0.27	-8.02
		1400.00	0.49	200.37	N/A	-5.15	-1.63	1399.98	-3453.02	-4.99	100.00	0.10	-0.07	7.27
		1500.00	0.58	215.37	N/A	-5.96	-2.07	1499.97	-3353.03	-5.76	100.00	0.17	0.09	15.00
		1600.00	0.54	216.60	N/A	-6.75	-2.64	1599.97	-3253.03	-6.50	100.00	0.04	-0.04	1.23
		1700.00	0.46	255.23	N/A	-7.23	-3.31	1699.96	-3153.04	-6.92	100.00	0.34	-0.08	38.63
		1800.00	0.59	283.97	N/A	-7.21	-4.20	1799.96	-3053.04	-6.82	100.00	0.29	0.13	28.74
		1838.00	0.58	291.52	N/A	-7.09	-4.57	1837.96	-3015.04	-6.67	38.00	0.20	-0.03	19.87
		1984.00	0.25	268.58	96.0	-6.83	-5.58	1983.95	-2869.05	-6.32	146.00	0.25	-0.23	-15.71
		2079.00	0.33	327.79	98.7	-6.60	-5.93	2078.95	-2774.05	-6.06	95.00	0.31	0.08	62.33
		2173.00	0.88	129.34	104.1	-6.83	-5.52	2172.95	-2680.05	-6.33	94.00	1.27	0.59	171.86
		2268.00	1.57	254.74	106.8	-7.64	-6.21	2267.94	-2585.06	-7.07	95.00	2.32	0.73	132.00
		2363.00	4.41	241.19	109.5	-9.74	-10.66	2362.80	-2490.20	-8.78	95.00	3.06	2.99	-14.26
		2457.00	5.96	236.46	112.2	-14.18	-17.90	2456.41	-2396.59	-12.57	94.00	1.71	1.65	-5.03
		2552.00	7.94	220.82	117.6	-21.87	-26.30	2550.72	-2302.28	-19.50	95.00	2.87	2.08	-16.46
		2646.00	11.28	217.59	120.3	-34.07	-36.16	2643.39	-2209.61	-30.80	94.00	3.60	3.55	-3.44
		2741.00	13.44	223.82	120.3	-49.40	-49.47	2736.18	-2116.82	-44.91	95.00	2.67	2.27	6.56
		2835.00	14.47	222.02	123.0	-66.01	-64.89	2827.41	-2025.59	-60.12	94.00	1.19	1.10	-1.91
		2930.00	12.86	225.05	123.0	-82.30	-80.32	2919.72	-1933.28	-75.00	95.00	1.85	-1.69	3.19
		3025.00	14.04	224.58	125.7	-97.98	-95.89	3012.11	-1840.89	-89.26	95.00	1.25	1.24	-0.49
		3119.00	13.86	220.06	125.7	-114.72	-111.14	3103.34	-1749.66	-104.61	94.00	1.17	-0.19	-4.81
		3214.00	13.43	227.71	128.4	-130.85	-126.63	3195.67	-1657.33	-119.34	95.00	1.95	-0.45	8.05
		3308.00	13.08	232.09	128.4	-144.73	-143.10	3287.16	-1565.84	-131.74	94.00	1.13	-0.37	4.66
		3403.00	13.87	236.79	128.4	-157.57	-161.11	3379.55	-1473.45	-142.96	95.00	1.42	0.83	4.95
		3498.00	12.63	245.51	131.1	-168.12	-180.09	3472.03	-1380.97	-151.81	95.00	2.47	-1.31	9.18
		3592.00	13.99	249.81	98.7	-176.30	-200.11	3563.50	-1289.50	-158.22	94.00	1.79	1.45	4.57
		3687.00	14.89	241.32	133.8	-186.12	-221.59	3655.51	-1197.49	-166.14	95.00	2.42	0.95	-8.94
		3876.00	15.49	212.11	133.8	-219.20	-256.36	3838.18	-1014.82	-196.07	189.00	4.02	0.32	-15.46
		3970.00	14.74	214.24	136.5	-239.72	-269.77	3928.92	-924.08	-215.35	94.00	0.99	-0.80	2.27
		4065.00	14.31	219.38	377.1	-258.79	-284.01	4020.89	-832.11	-233.10	95.00	1.43	-0.45	5.41
		4160.00	14.78	222.52	136.5	-276.79	-299.65	4112.85	-740.15	-249.68	95.00	0.97	0.49	3.31
		4254.00	14.80	224.23	139.2	-294.23	-316.13	4203.73	-649.27	-265.62	94.00	0.46	0.02	1.82
		4349.00	14.54	222.94	139.2	-311.66	-332.72	4295.64	-557.36	-281.53	95.00	0.44	-0.27	-1.36
		4443.00	13.73	222.30	141.9	-328.55	-348.27	4386.79	-466.21	-297.01	94.00	0.88	-0.86	-0.68
		4537.00	14.21	223.43	141.9	-345.18	-363.70	4478.01	-374.99	-312.23	94.00	0.59	0.51	1.20
		4632.00	14.69	219.51	144.6	-362.94	-379.38	4570.01	-282.99	-328.56	95.00	1.15	0.51	-4.13
		4726.00	13.28	229.47	147.3	-379.15	-395.18	4661.23	-191.77	-343.34	94.00	2.96	-1.50	10.60
		4821.00	13.82	222.10	147.3	-394.66	-411.08	4753.59	-99.41	-357.41	95.00	1.90	0.57	-7.76
		4915.00	13.93	235.39	150.0	-409.42	-427.92	4844.87	-8.13	-370.65	94.00	3.39	0.12	14.14
		5010.00	15.20	224.41	150.0	-424.82	-446.05	4936.84	83.84	-384.41	95.00	3.19	1.34	-11.56
		5104.00	14.40	220.53	152.7	-442.51	-462.27	5027.72	174.72	-400.62	94.00	1.35	-0.85	-4.13
		5199.00	14.52	225.06	152.7	-459.90	-478.38	5119.71	266.71	-416.54	95.00	1.20	0.13	4.77
		5294.00	14.24	232.19	155.4	-475.47	-496.04	5211.74	358.74	-430.52	95.00	1.89	-0.29	7.51
		5483.00	14.28	234.85	155.4	-503.14	-533.47	5394.92	541.92	-454.83	189.00	0.35	0.02	1.41
		5577.00	14.67	216.86	155.4	-519.35	-550.09	5485.98	632.98	-469.53	94.00	4.78	0.41	-19.14
		5672.00	11.44	221.62	158.1	-536.02	-563.57	5578.52	725.52	-484.97	95.00	3.58	-3.40	5.01
		5766.00	12.09	220.14	158.1	-550.52	-576.11	5670.54	817.54	-498.32	94.00	0.76	0.69	-1.57
		5861.00	12.07	223.03	163.5	-565.38	-589.30	5763.44	910.44	-511.98	95.00	0.64	-0.02	3.04
		5956.00	12.56	219.85	163.5	-580.57	-602.70	5856.26	1003.26	-525.95	95.00	0.88	0.52	-3.35
		6050.00	12.99	222.08	166.2	-596.26	-616.33	5947.93	1094.93	-540.39	94.00	0.70	0.46	2.37
		6145.00	12.29	241.43	168.9	-609.03	-632.37	6040.67	1187.67	-551.72	95.00	4.50	-0.74	20.37
		6239.00	10.70	291.24	168.9	-610.66	-649.33	6133.00	1280.00	-551.86	94.00	10.36	-1.69	52.99

	6334.00	12.34	335.17	171.6	-598.22	-661.84	6226.25	1373.25	-538.39	95.00	9.16	1.73	46.24
	6428.00	20.14	335.89	174.3	-574.30	-672.68	6316.43	1463.43	-513.61	94.00	8.30	8.30	0.77
	6522.00	27.12	343.61	177.0	-538.92	-685.36	6402.52	1549.52	-477.27	94.00	8.11	7.43	8.21
	6617.00	36.60	341.00	177.0	-491.26	-700.72	6483.12	1630.12	-428.45	95.00	10.08	9.98	-2.75
	6711.00	44.86	343.84	179.7	-432.81	-719.11	6554.29	1701.29	-368.63	94.00	9.00	8.79	3.02
	6806.00	53.28	349.00	182.5	-363.11	-735.73	6616.50	1763.50	-297.73	95.00	9.76	8.86	5.43
	6900.00	62.23	353.21	182.5	-284.64	-747.87	6666.62	1813.62	-218.52	94.00	10.24	9.52	4.48
	6994.00	71.45	357.83	187.9	-198.60	-754.49	6703.57	1850.57	-132.22	94.00	10.80	9.81	4.91
	7089.00	75.91	2.15	187.9	-107.47	-754.47	6730.27	1877.27	-41.44	95.00	6.41	4.69	4.55
	7183.00	83.61	8.58	187.9	-15.50	-745.76	6746.98	1893.98	49.42	94.00	10.60	8.19	6.84
	7278.00	90.09	5.79	187.9	78.55	-733.92	6752.20	1899.20	142.09	95.00	7.42	6.82	-2.94
	7373.00	90.09	2.21	190.6	173.30	-727.29	6752.05	1899.05	235.91	95.00	3.77	-0.00	-3.77
	7467.00	90.06	0.16	193.3	267.28	-725.35	6751.93	1898.93	329.36	94.00	2.18	-0.03	-2.18
	7562.00	90.28	358.00	196.0	362.26	-726.87	6751.65	1898.65	424.11	95.00	2.29	0.23	-2.27
	7656.00	90.03	355.94	196.0	456.12	-731.84	6751.39	1898.39	518.05	94.00	2.21	-0.27	-2.19
	7750.00	89.94	358.20	198.7	549.99	-736.64	6751.42	1898.42	611.98	94.00	2.41	-0.10	2.40
	7844.00	89.91	358.70	201.4	643.96	-739.19	6751.54	1898.54	705.81	94.00	0.53	-0.03	0.53
	7939.00	89.94	357.95	204.1	738.92	-741.96	6751.66	1898.66	800.65	95.00	0.79	0.03	-0.79
	8033.00	90.12	359.18	206.8	832.89	-744.32	6751.61	1898.61	894.47	94.00	1.32	0.19	1.31
	8128.00	89.82	358.15	209.5	927.86	-746.53	6751.66	1898.66	989.28	95.00	1.13	-0.32	-1.08
	8222.00	89.72	357.81	209.5	1021.80	-749.84	6752.04	1899.04	1083.15	94.00	0.38	-0.11	-0.36
	8317.00	91.17	359.03	212.2	1116.76	-752.46	6751.30	1898.30	1177.97	95.00	1.99	1.53	1.28
	8412.00	90.68	359.13	212.2	1211.73	-753.99	6749.77	1896.77	1272.72	95.00	0.53	-0.52	0.11
	8506.00	89.97	358.88	214.9	1305.71	-755.62	6749.24	1896.24	1366.49	94.00	0.80	-0.76	-0.27
	8600.00	89.85	359.53	214.9	1399.71	-756.92	6749.38	1896.38	1460.24	94.00	0.70	-0.13	0.69
	8695.00	90.09	357.90	214.9	1494.68	-759.06	6749.43	1896.43	1555.04	95.00	1.73	0.25	-1.72
	8789.00	90.03	1.32	217.6	1588.66	-759.69	6749.34	1896.34	1648.72	94.00	3.64	-0.06	3.64
	8884.00	90.68	357.66	217.6	1683.64	-760.54	6748.75	1895.75	1743.41	95.00	3.91	0.68	-3.85
	8979.00	89.94	358.64	220.3	1778.59	-763.61	6748.23	1895.23	1838.27	95.00	1.29	-0.78	1.03
	9073.00	90.15	358.32	220.3	1872.55	-766.10	6748.16	1895.16	1932.09	94.00	0.41	0.22	-0.34
	9168.00	90.37	359.53	220.3	1967.53	-767.88	6747.73	1894.73	2026.87	95.00	1.29	0.23	1.27
	9262.00	89.51	358.62	220.3	2061.52	-769.40	6747.83	1894.83	2120.63	94.00	1.33	-0.91	-0.97
	9357.00	89.97	0.78	223.0	2156.51	-769.90	6748.26	1895.26	2215.31	95.00	2.32	0.48	2.27
	9546.00	88.77	356.21	223.0	2345.38	-774.86	6750.34	1897.34	2403.89	189.00	2.50	-0.63	-2.42
	9641.00	90.00	359.23	223.0	2440.29	-778.64	6751.36	1898.36	2498.77	95.00	3.43	1.29	3.18
	9735.00	90.06	358.67	223.0	2534.27	-780.36	6751.31	1898.31	2592.54	94.00	0.60	0.06	-0.60
	9830.00	89.78	359.36	225.7	2629.26	-781.99	6751.44	1898.44	2687.31	95.00	0.78	-0.29	0.73
	9924.00	90.68	358.16	225.7	2723.23	-784.03	6751.06	1898.06	2781.11	94.00	1.60	0.96	-1.28
	10019.00	90.03	357.55	225.7	2818.16	-787.58	6750.47	1897.47	2875.99	95.00	0.94	-0.68	-0.64
	10113.00	90.18	357.76	228.4	2912.08	-791.43	6750.30	1897.30	2969.89	94.00	0.27	0.16	0.22
	10207.00	89.97	357.98	231.1	3006.02	-794.92	6750.18	1897.18	3063.77	94.00	0.32	-0.22	0.23
	10396.00	89.54	359.83	231.1	3194.97	-798.53	6750.99	1897.99	3252.32	189.00	1.00	-0.23	0.98
	10490.00	89.78	358.87	233.8	3288.96	-799.60	6751.54	1898.54	3346.05	94.00	1.05	0.26	-1.02
	10585.00	90.52	356.60	233.8	3383.88	-803.35	6751.30	1898.30	3440.94	95.00	2.51	0.78	-2.39
	10679.00	89.69	352.04	233.8	3477.40	-812.66	6751.12	1898.12	3534.90	94.00	4.93	-0.88	-4.85
	10774.00	89.97	355.81	233.8	3571.84	-822.71	6751.41	1898.41	3629.87	95.00	3.98	0.29	3.97
	10868.00	90.06	358.08	233.8	3665.71	-827.72	6751.38	1898.38	3723.81	94.00	2.42	0.10	2.41
	10963.00	89.60	357.14	233.8	3760.62	-831.68	6751.66	1898.66	3818.71	95.00	1.10	-0.48	-0.99
	11057.00	91.11	0.15	233.8	3854.58	-833.90	6751.08	1898.08	3912.50	94.00	3.58	1.61	3.20
	11152.00	90.37	358.13	233.8	3949.55	-835.33	6749.85	1896.85	4007.24	95.00	2.26	-0.78	-2.13
	11246.00	89.97	358.97	233.8	4043.52	-837.71	6749.57	1896.57	4101.06	94.00	0.99	-0.43	0.89
	11341.00	90.06	359.90	236.5	4138.52	-838.64	6749.55	1896.55	4195.78	95.00	0.98	0.09	0.98
	11435.00	90.15	0.08	239.2	4232.52	-838.66	6749.38	1896.38	4289.42	94.00	0.21	0.10	0.19
	11529.00	90.28	359.32	239.2	4326.51	-839.15	6749.02	1896.02	4383.11	94.00	0.82	0.14	-0.81
	11624.00	89.85	359.47	236.5	4421.51	-840.15	6748.92	1895.92	4477.83	95.00	0.48	-0.45	0.16
	11718.00	90.58	0.94	239.2	4515.50	-839.82	6748.56	1895.56	4571.44	94.00	1.75	0.78	1.56
	11813.00	89.85	1.52	239.2	4610.48	-837.78	6748.21	1895.21	4665.88	95.00	0.98	-0.77	0.61
	11908.00	90.00	1.38	241.9	4705.45	-835.37	6748.33	1895.33	4760.28	95.00	0.22	0.16	-0.15
	12002.00	89.05	359.86	241.9	4799.44	-834.36	6749.11	1896.11	4853.82	94.00	1.91	-1.01	-1.62
	12097.00	90.80	359.25	244.6	4894.43	-835.10	6749.24	1896.24	4948.52	95.00	1.95	1.84	-0.64
	12191.00	89.78	1.61	244.6	4988.42	-834.39	6748.76	1895.76	5042.09	94.00	2.74	-1.09	2.54

	12191.00	89.78	1.61	244.6	4988.42	-834.39	6748.76	1896.76	5042.09	94.00	2.74	-1.09	2.51
	12286.00	89.38	1.96	244.6	5083.37	-831.43	6749.46	1896.46	5136.42	95.00	0.56	-0.42	0.37
	12380.00	90.95	359.27	247.3	5177.35	-830.42	6749.18	1896.18	5229.96	94.00	3.31	1.67	-2.86
	12475.00	88.89	0.12	247.3	5272.35	-830.93	6749.32	1896.32	5324.64	95.00	2.35	-2.17	0.89
	12569.00	90.12	0.58	247.3	5366.34	-830.35	6750.13	1897.13	5418.22	94.00	1.40	1.31	0.49
	12663.00	88.40	357.89	247.3	5460.31	-831.61	6751.34	1898.34	5511.95	94.00	3.40	-1.83	-2.86
	12758.00	89.26	359.36	247.3	5555.26	-833.89	6753.28	1900.28	5606.74	95.00	1.79	0.91	1.55
	12852.00	89.94	359.10	247.3	5649.25	-835.15	6753.94	1900.94	5700.48	94.00	0.77	0.72	-0.28
	12948.00	90.12	358.95	250.0	5745.23	-836.78	6753.89	1900.89	5796.24	96.00	0.24	0.19	-0.16
	13042.00	90.31	359.02	250.0	5839.22	-838.45	6753.54	1900.54	5890.02	94.00	0.22	0.20	0.07
	13137.00	90.52	359.89	250.0	5934.21	-839.35	6752.85	1899.85	5984.73	95.00	0.94	0.22	0.92
	13231.00	91.08	359.86	250.0	6028.20	-839.56	6751.54	1898.54	6078.38	94.00	0.60	0.60	-0.03
	13326.00	91.08	359.86	250.0	6123.18	-839.79	6749.75	1896.75	6173.02	95.00	0.00	0.00	0.00
	13420.00	90.31	1.20	252.7	6217.17	-838.92	6748.61	1896.61	6266.58	94.00	1.64	-0.82	1.43
	13609.00	90.31	2.41	250.0	6406.07	-832.97	6747.58	1894.58	6454.24	189.00	0.64	0.00	0.64
	13704.00	89.60	1.14	252.7	6501.02	-830.02	6747.66	1894.66	6548.58	95.00	1.53	-0.75	-1.34
	13799.00	91.72	0.79	252.7	6596.00	-828.42	6746.56	1893.56	6643.05	95.00	2.26	2.23	-0.37
	13893.00	90.22	0.85	252.7	6689.97	-827.08	6744.97	1891.97	6736.56	94.00	1.60	-1.60	0.06
	13987.00	89.94	2.33	252.7	6783.93	-824.47	6744.84	1891.84	6829.93	94.00	1.60	-0.30	1.57
	14082.00	89.60	1.74	252.7	6878.87	-821.10	6745.22	1892.22	6924.22	95.00	0.72	-0.36	-0.62
	14177.00	89.39	1.73	252.7	6973.82	-818.22	6746.06	1893.06	7018.56	95.00	0.22	-0.22	-0.01
	14272.00	89.51	1.77	252.7	7068.77	-815.32	6746.97	1893.97	7112.90	95.00	0.13	0.13	0.04
	14366.00	90.00	2.59	252.7	7162.70	-811.74	6747.37	1894.37	7206.16	94.00	1.02	0.52	0.87
	14461.00	89.88	359.05	252.7	7257.68	-810.39	6747.47	1894.47	7300.66	95.00	3.73	-0.13	-3.73
	14555.00	89.17	356.19	255.4	7351.58	-814.29	6748.25	1895.25	7394.55	94.00	3.13	-0.76	-3.04
	14650.00	89.05	356.14	255.4	7446.36	-820.64	6749.73	1896.73	7489.52	95.00	0.14	-0.13	-0.05
	14744.00	89.79	359.74	255.4	7540.28	-824.02	6750.68	1897.68	7583.38	94.00	3.91	0.79	3.83
	14839.00	89.54	359.61	255.4	7635.28	-824.56	6751.24	1898.24	7678.06	95.00	0.30	-0.26	-0.14
	14933.00	89.94	359.92	255.4	7729.27	-824.94	6751.66	1898.66	7771.73	94.00	0.54	0.43	0.33
	15028.00	89.76	0.27	255.4	7824.27	-824.79	6751.91	1898.91	7866.36	95.00	0.41	-0.19	0.37
	15122.00	89.66	0.86	255.4	7918.27	-823.86	6752.39	1899.39	7959.92	94.00	0.64	-0.11	0.63
	15217.00	89.70	0.49	258.1	8013.26	-822.74	6752.92	1899.92	8054.45	95.00	0.39	0.04	-0.39
	15311.00	89.73	359.59	258.1	8107.26	-822.67	6753.38	1900.38	8148.09	94.00	0.96	0.03	-0.96
	15406.00	89.97	0.12	258.1	8202.26	-822.92	6753.63	1900.63	8242.75	95.00	0.61	0.25	0.56
	15500.00	89.82	1.10	260.8	8296.25	-821.91	6753.81	1900.81	8336.30	94.00	1.05	-0.16	1.04
	15595.00	90.10	358.38	255.4	8391.24	-822.35	6753.87	1900.87	8430.96	95.00	2.88	0.29	-2.86
	15689.00	90.00	358.14	250.0	8485.20	-825.20	6753.79	1900.79	8524.81	94.00	0.28	-0.11	-0.26
	15784.00	90.03	358.58	260.8	8580.16	-827.92	6753.76	1900.76	8619.65	95.00	0.46	0.03	0.46
	15878.00	89.79	357.45	260.8	8674.10	-831.17	6753.91	1900.91	8713.52	94.00	1.23	-0.26	-1.20
	15972.00	90.03	357.70	260.8	8768.01	-835.15	6754.06	1901.06	8807.42	94.00	0.37	0.26	0.27
	16067.00	90.16	357.99	260.8	8862.95	-838.72	6753.90	1900.90	8902.31	95.00	0.33	0.14	0.31
	16161.00	89.70	358.22	260.8	8956.89	-841.83	6754.02	1901.02	8996.17	94.00	0.55	-0.49	0.24
	16256.00	89.94	357.67	260.8	9051.83	-845.24	6754.32	1901.32	9091.05	95.00	0.63	0.25	-0.58
	16350.00	90.00	358.07	263.5	9145.77	-848.73	6754.37	1901.37	9184.93	94.00	0.43	0.06	0.43
	16445.00	89.82	357.25	263.5	9240.69	-852.61	6754.51	1901.51	9279.83	95.00	0.88	-0.19	-0.86
	16539.00	90.07	357.88	263.5	9334.60	-856.60	6754.60	1901.60	9373.73	94.00	0.72	0.27	0.67
	16634.00	89.88	357.75	260.8	9429.53	-860.23	6754.65	1901.65	9468.62	95.00	0.24	-0.20	-0.14
	16729.00	89.97	358.16	260.8	9524.47	-863.62	6754.77	1901.77	9563.49	95.00	0.44	0.09	0.43
	16823.00	90.00	358.65	260.8	9618.43	-866.23	6754.79	1901.79	9657.33	94.00	0.52	0.03	0.52
	16917.00	90.00	358.04	263.5	9712.40	-868.95	6754.79	1901.79	9751.17	94.00	0.65	0.00	-0.65
	17012.00	90.07	358.18	263.5	9807.34	-872.08	6754.74	1901.74	9846.03	95.00	0.16	0.07	0.15
Projection	17052.00	90.07	358.18	N/A	9847.32	-873.35	6754.69	1901.69	9885.97	40.00	0.00	-0.00	-0.00