



Run No	Bit Run No.	Bit Size (in)	Bit Type	Bit Gauge Length (in)	Assembly Type	Logged Interval		Bit Depth Interval		Date / Time		Circ. Hours (h)
						Top	Bottom	From	To	Start Logging	End Logging	
						(ft)	(ft)	(ft)	(ft)			
1	1	8.500	PDC	3.00	Rotary Steerable	1913.00	16408.00	1923.00	16421.00	2017-04-02 01:07	2017-04-04 04:26	46.35

Crew

Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite
Adam Schlenz		2017-04-01	2017-04-04	Pierce Lovesee		2017-04-01	2017-04-04	Zac Williams		2017-04-01	2017-04-04

Mud Properties Record

Date / Time	Run No.	Measured Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2017-04-01 15:00	1	1923.00	Oil Based Mud	8.8	29	N/A	47.0	80/20	Active Pit	19000	0.00
2017-04-02 05:00	1	3147.00	Oil Based Mud	9.2	57	N/A	193.0	80.1/19.9	Active Pit	19000	0.00
2017-04-03 03:00	1	9765.00	Oil Based Mud	9.3	40	N/A	274.0	82.7/17.3	Active Pit	22500	0.00
2017-04-03 15:00	1	13173.00	Oil Based Mud	9.5	40	N/A	271.0	83.7/16.3	Active Pit	20500	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	ATC_SU	12232312	Near Bit VSS	5.93	6.73	7.000	4.330
1	ATC_SU	12232312	Near Bit Inclination	5.93	6.73	7.000	4.330
1	ATC_MWD	12418051	Gamma (single)	2.20	12.35	7.000	3.250
1	ATC_MWD	12418051	Directional (mag)	12.27	22.42	7.000	3.250

Service and Tool Mnemonics

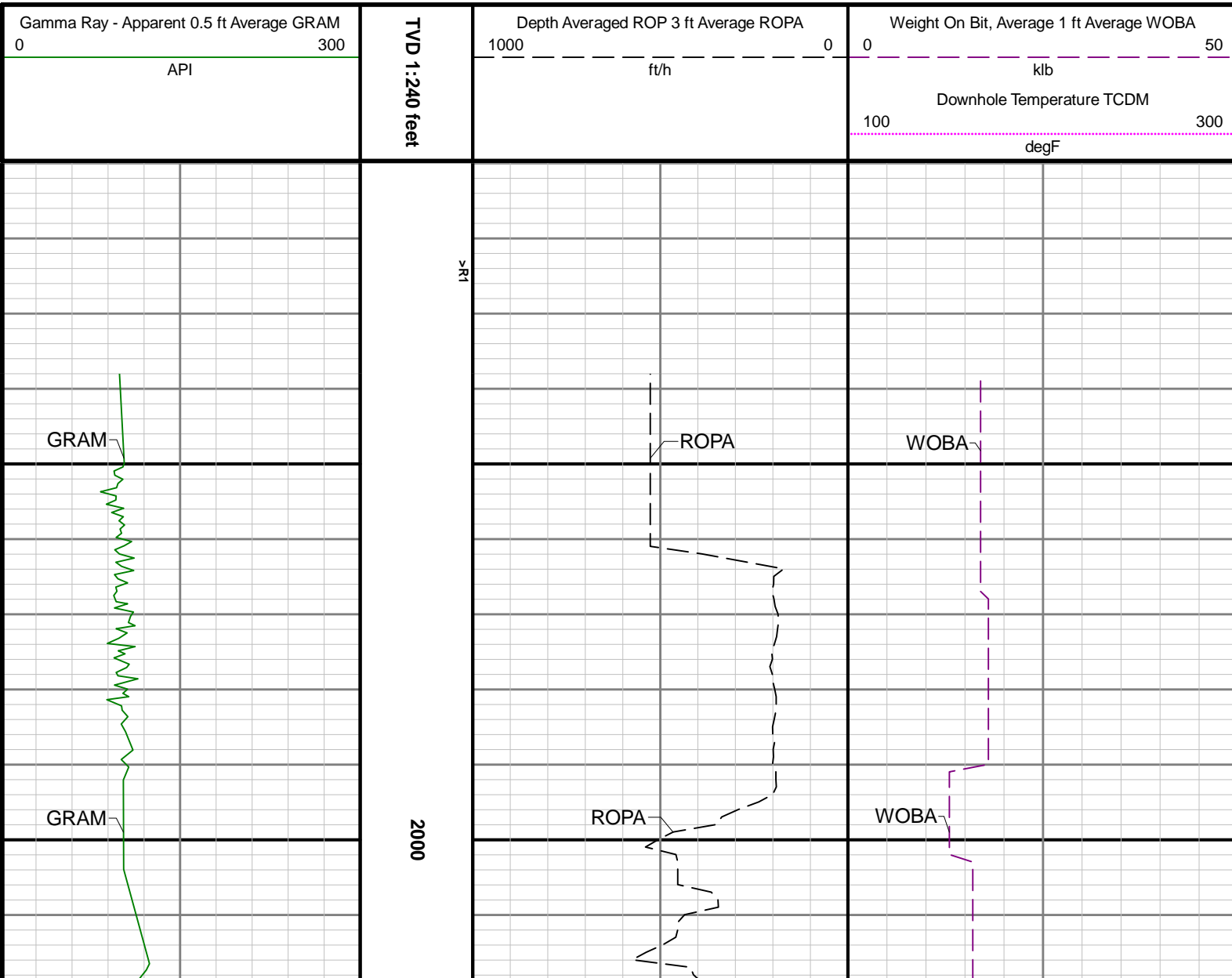
Mnemonic	Name	Description
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM

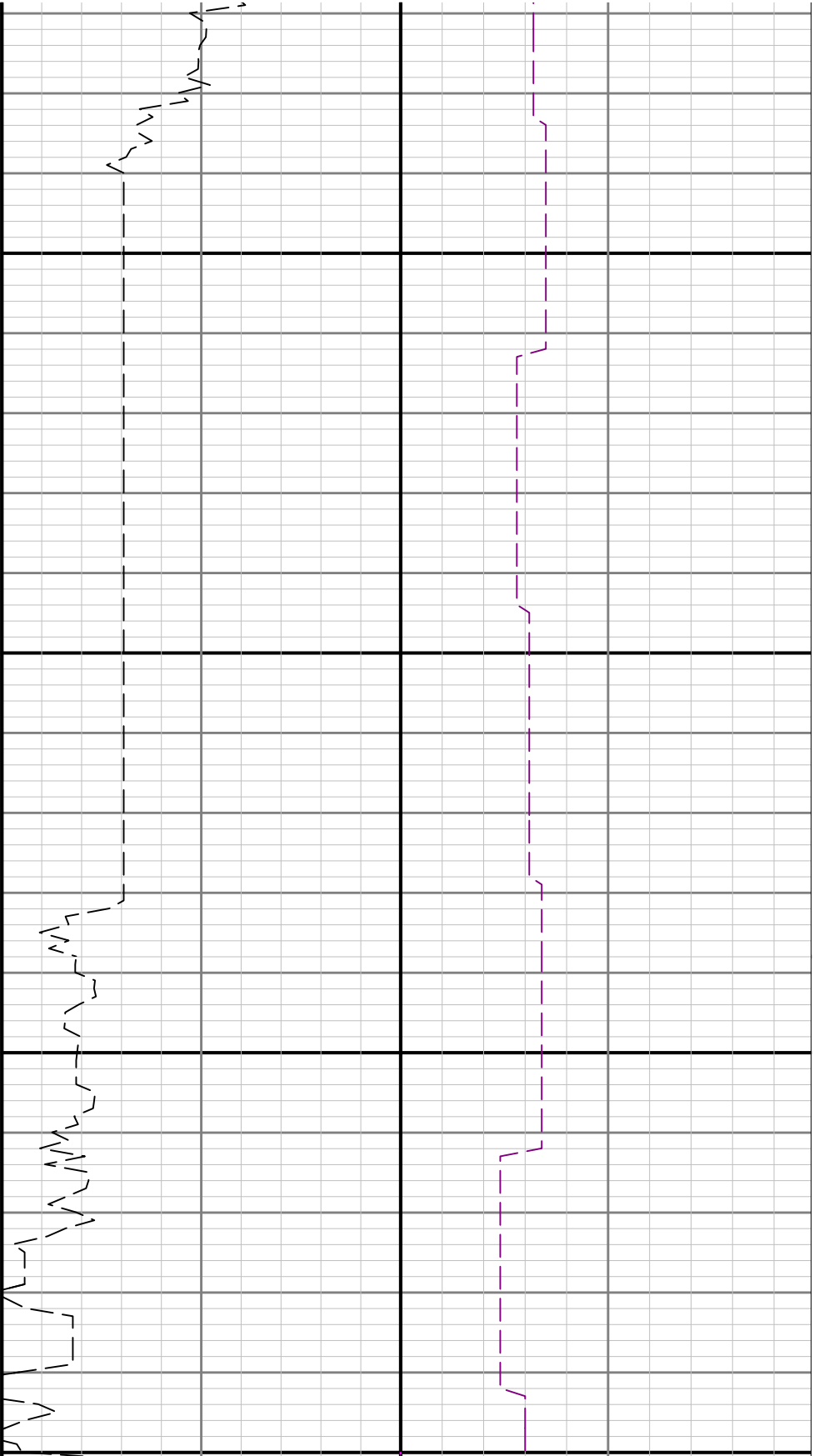
Comments

1	Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to the 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 NaviGamma services (Directional and Gamma Ray) behind a 8.5 inch bit and rotary steerable assembly from 1923 to 16421 feet MD (1923 to 6605 feet TVD).
3	U^A^I^Q^&^•q{^A^I^q^A^~^•^EOa{^aU^aE]a^}oQÜCF^D^a^a^A^•^}c^A^A^A^E^C^U^E

Remarks

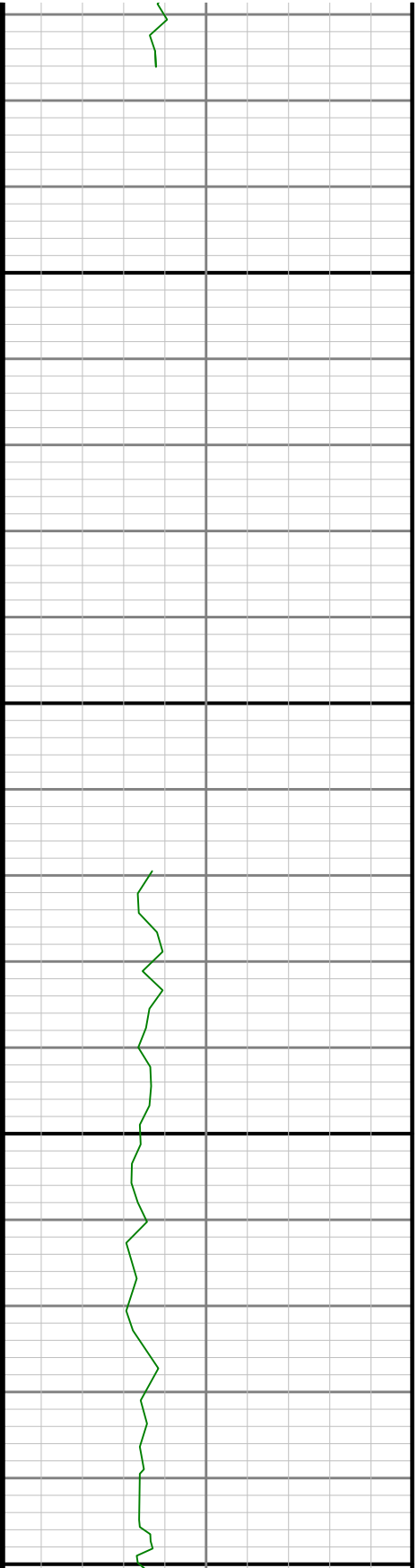
Number	Measured Depth	Hole Section	Run No.	Remark
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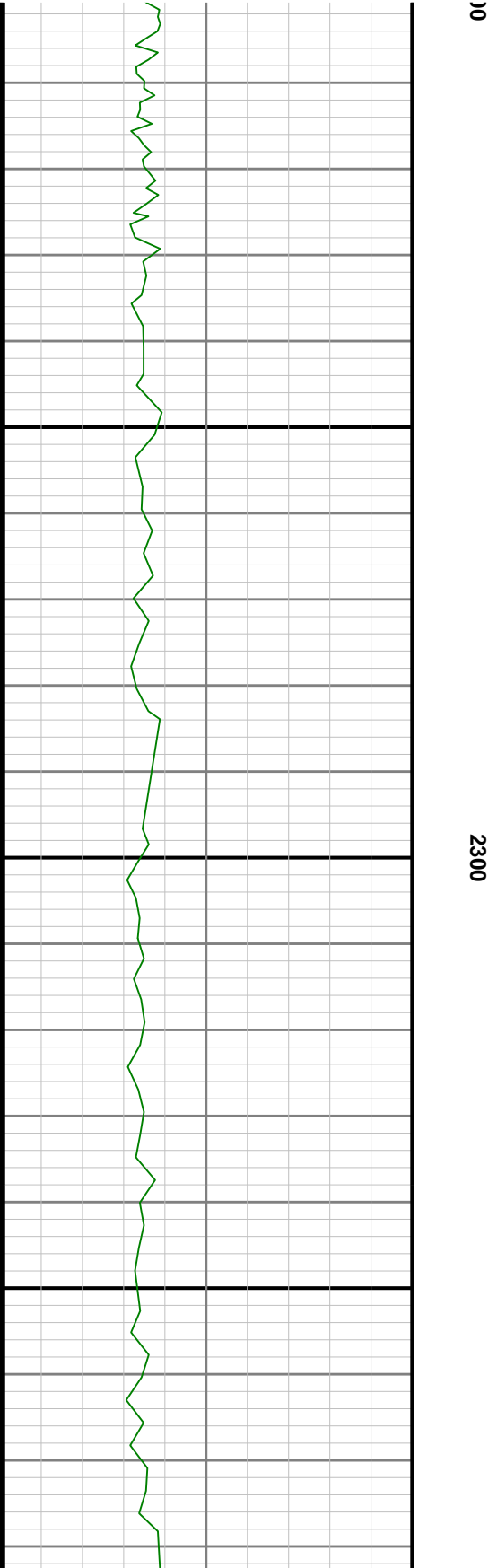
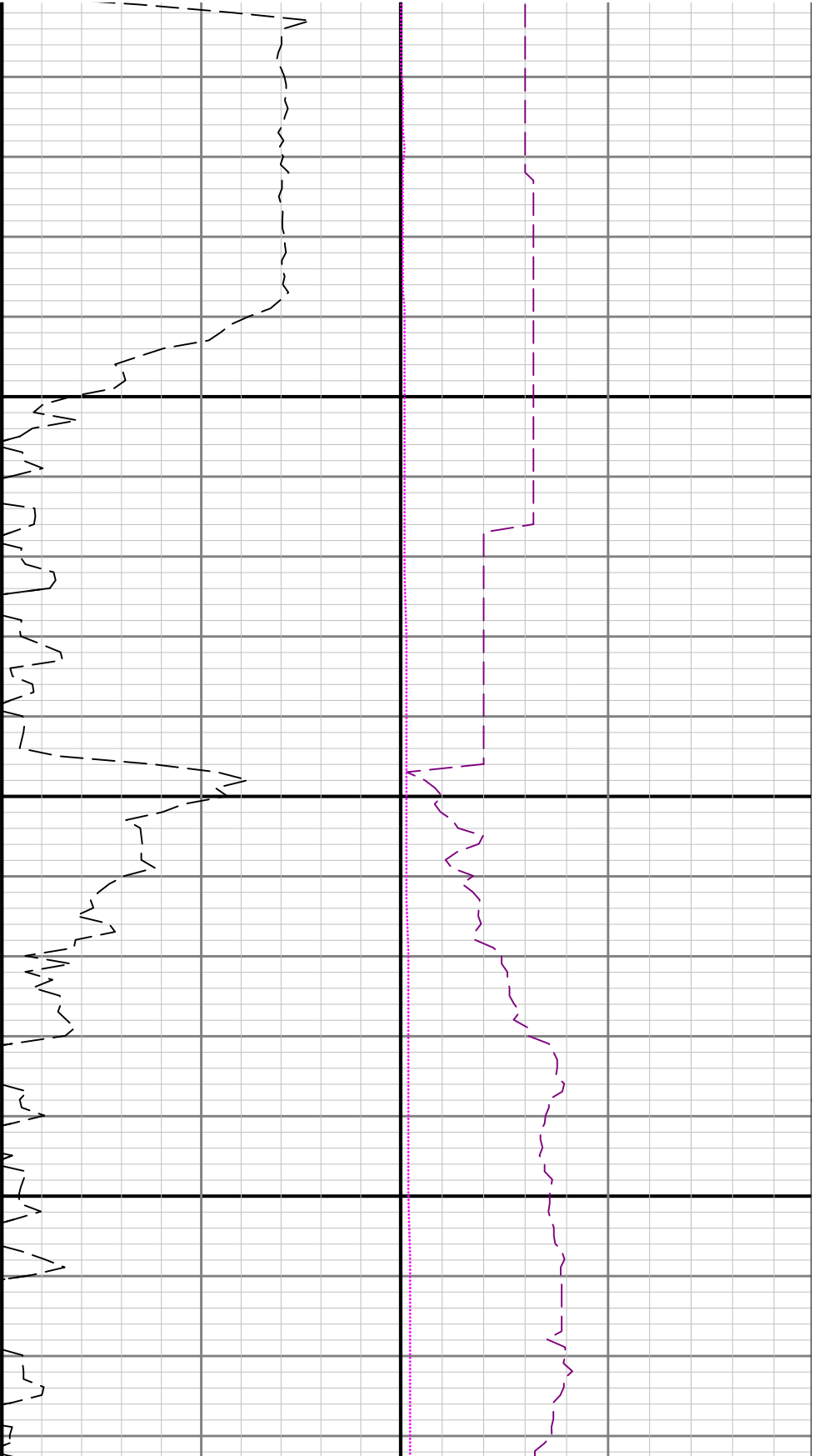


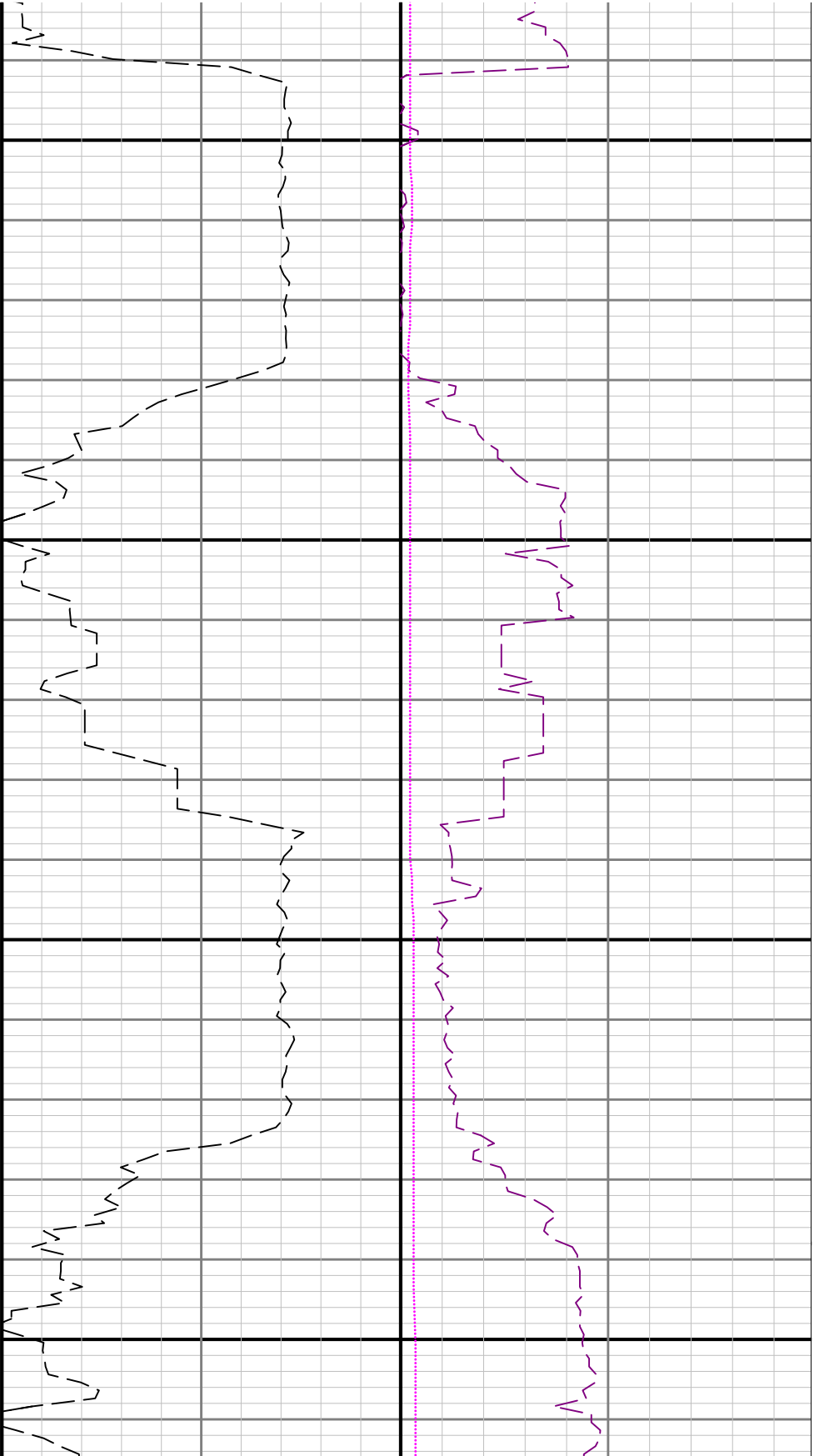


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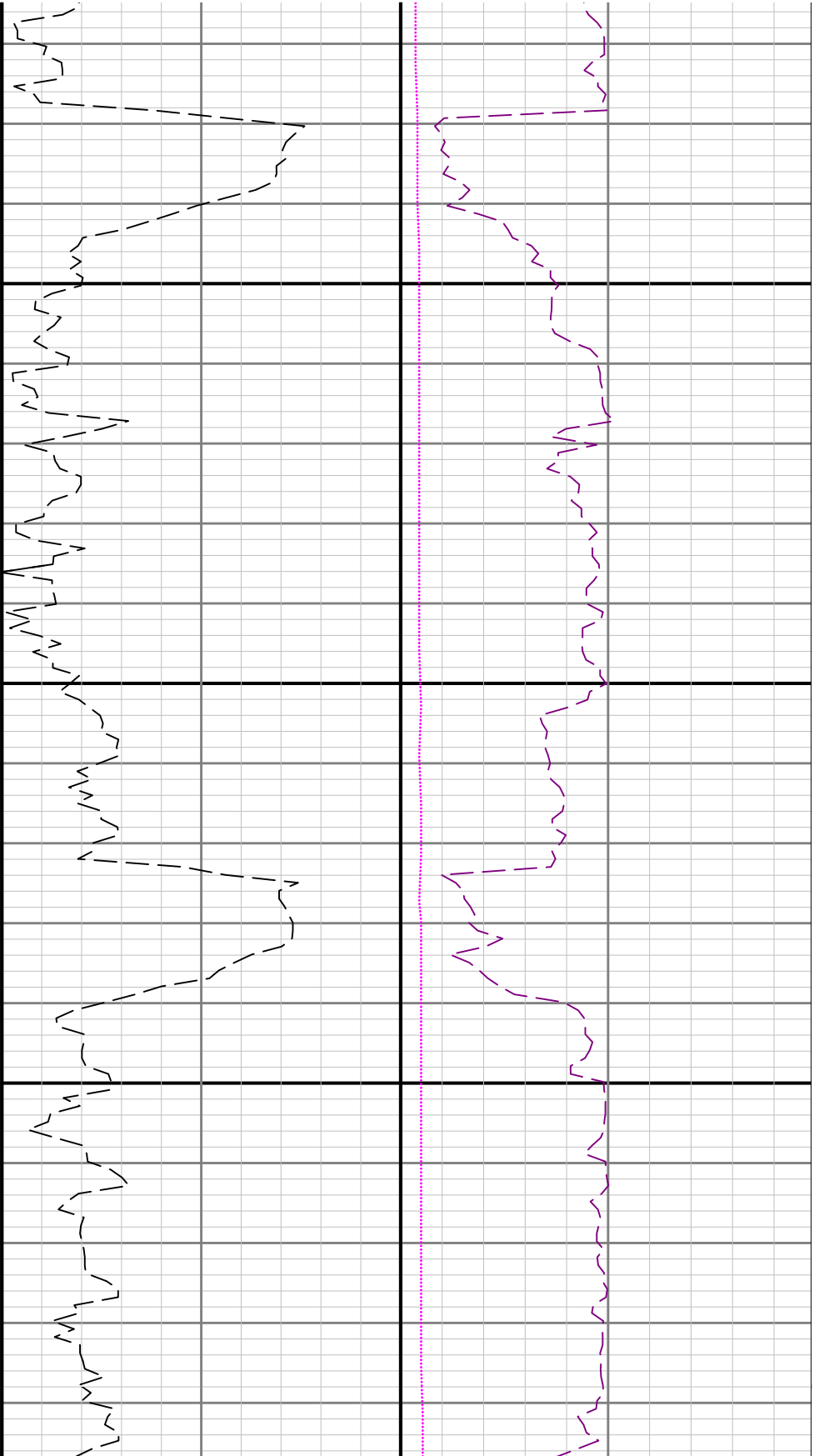






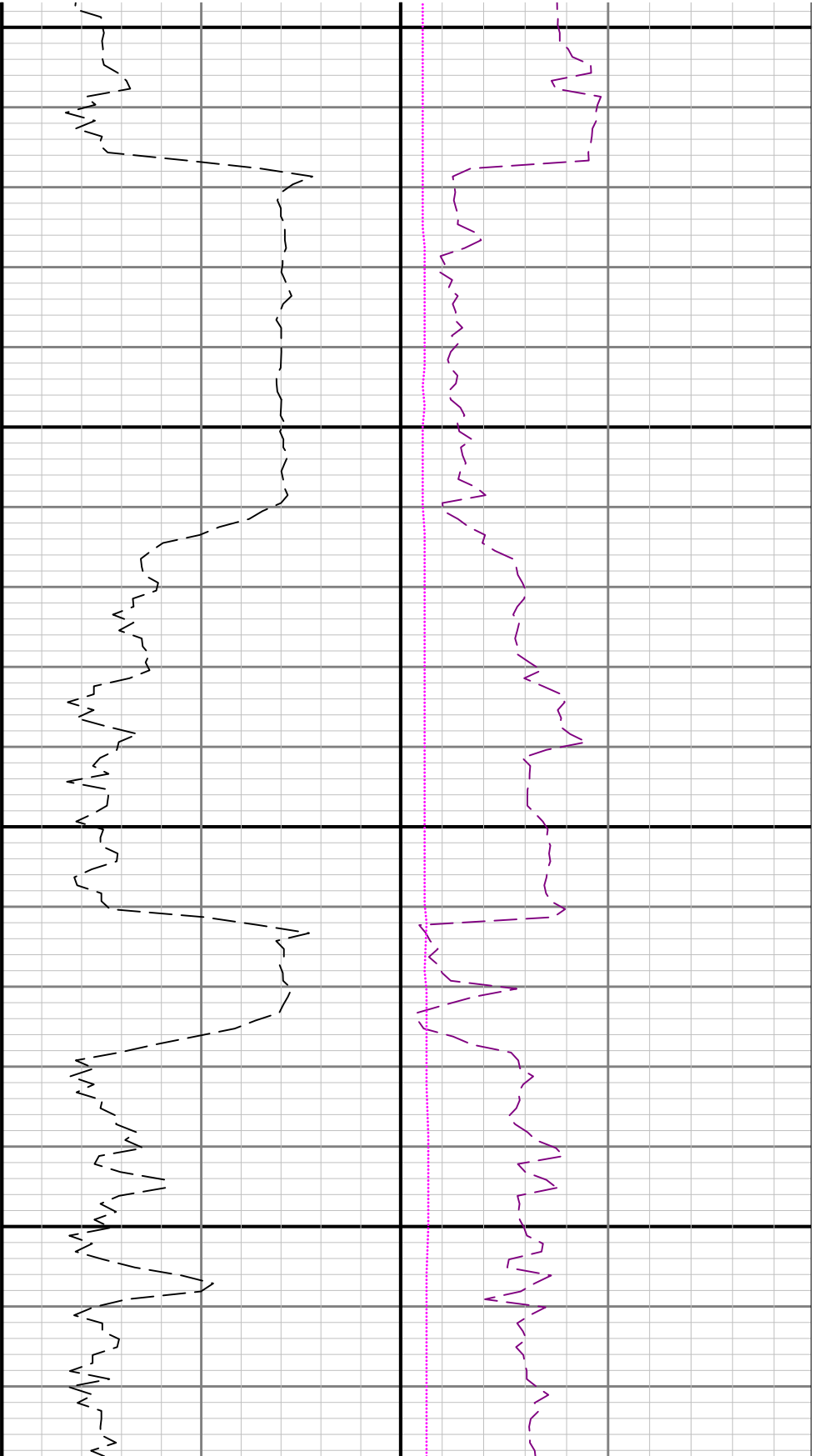
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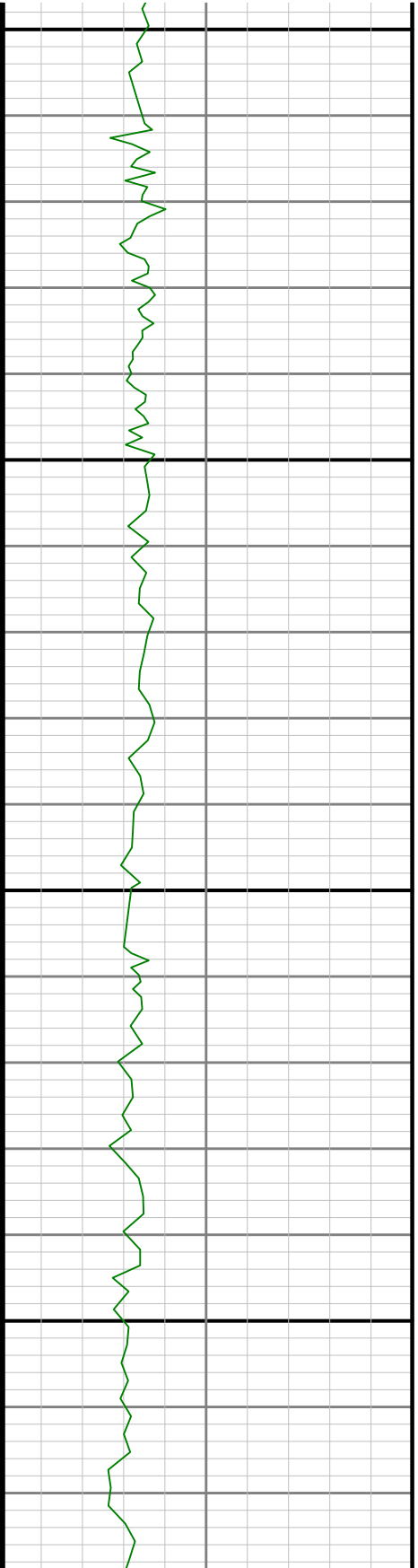
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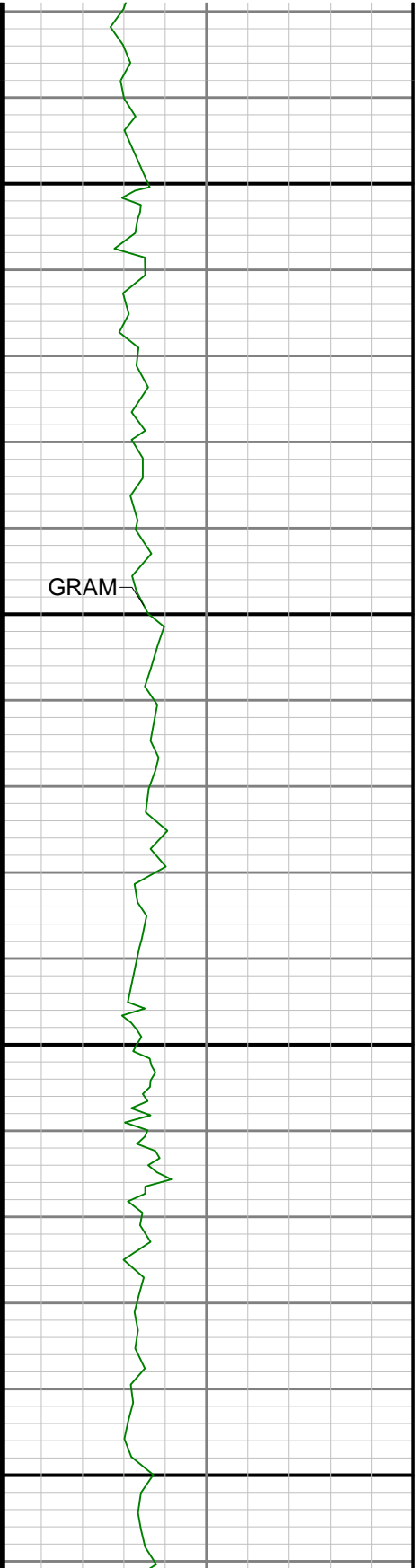
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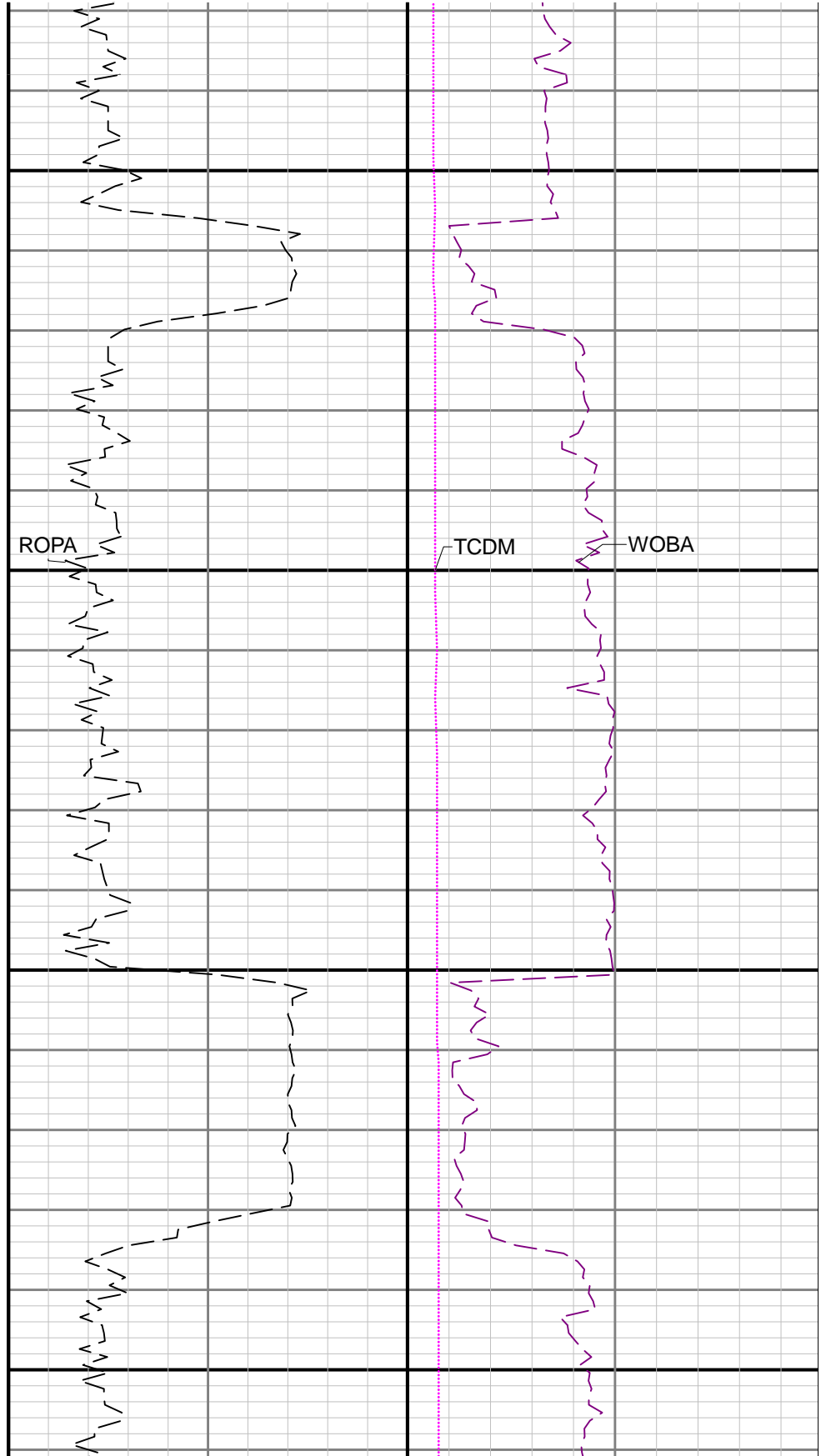
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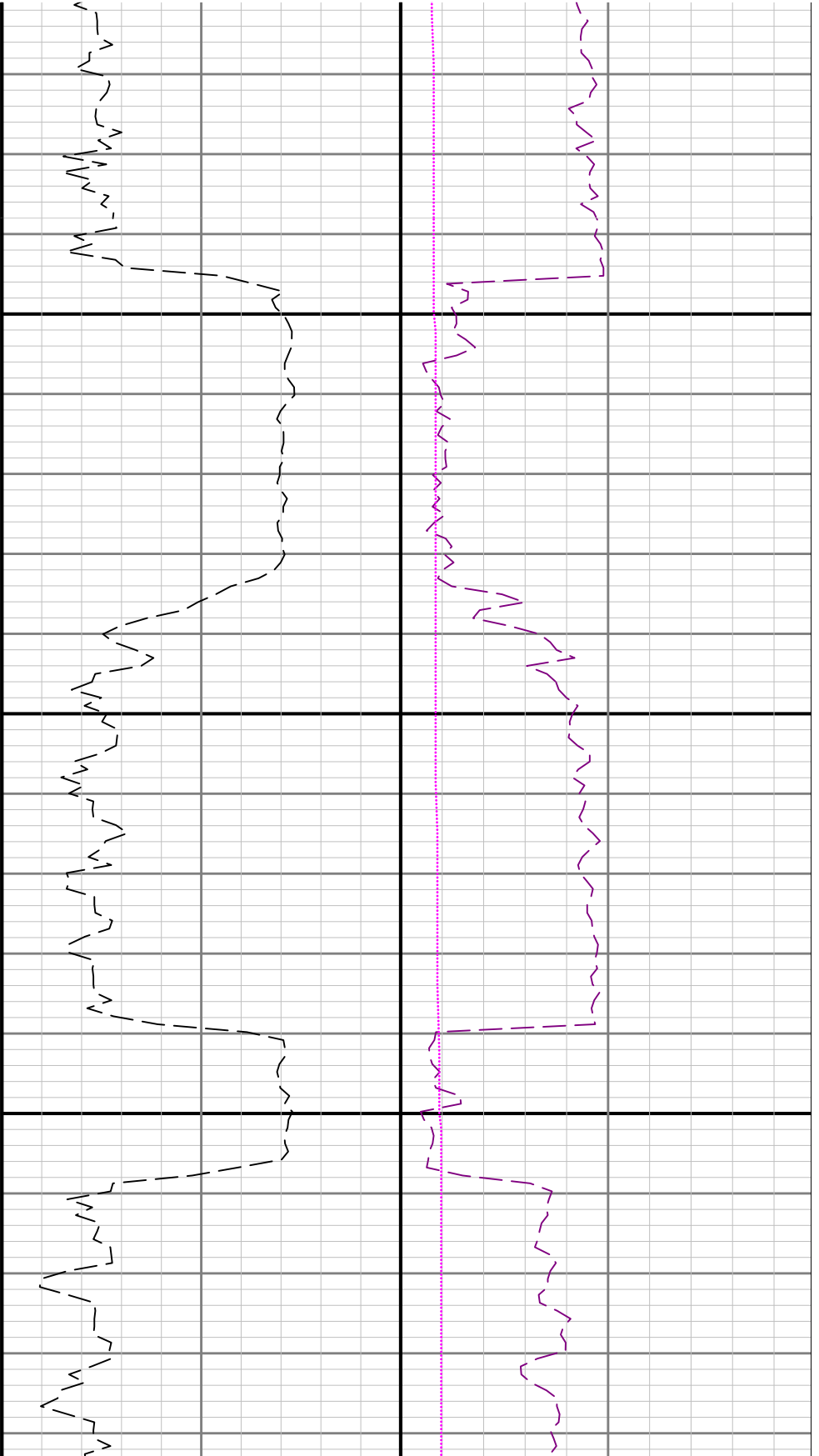




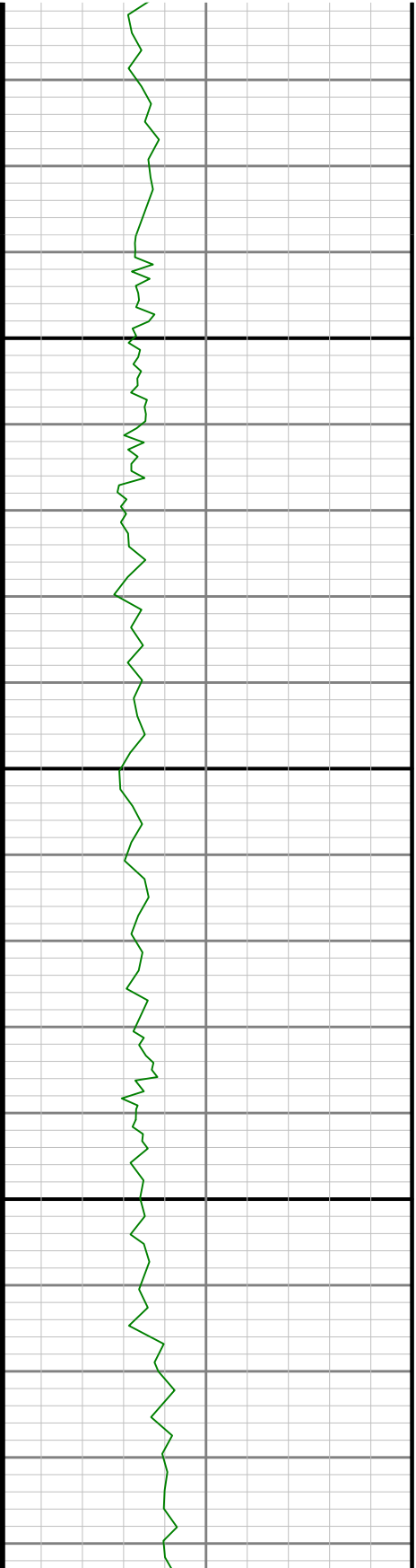
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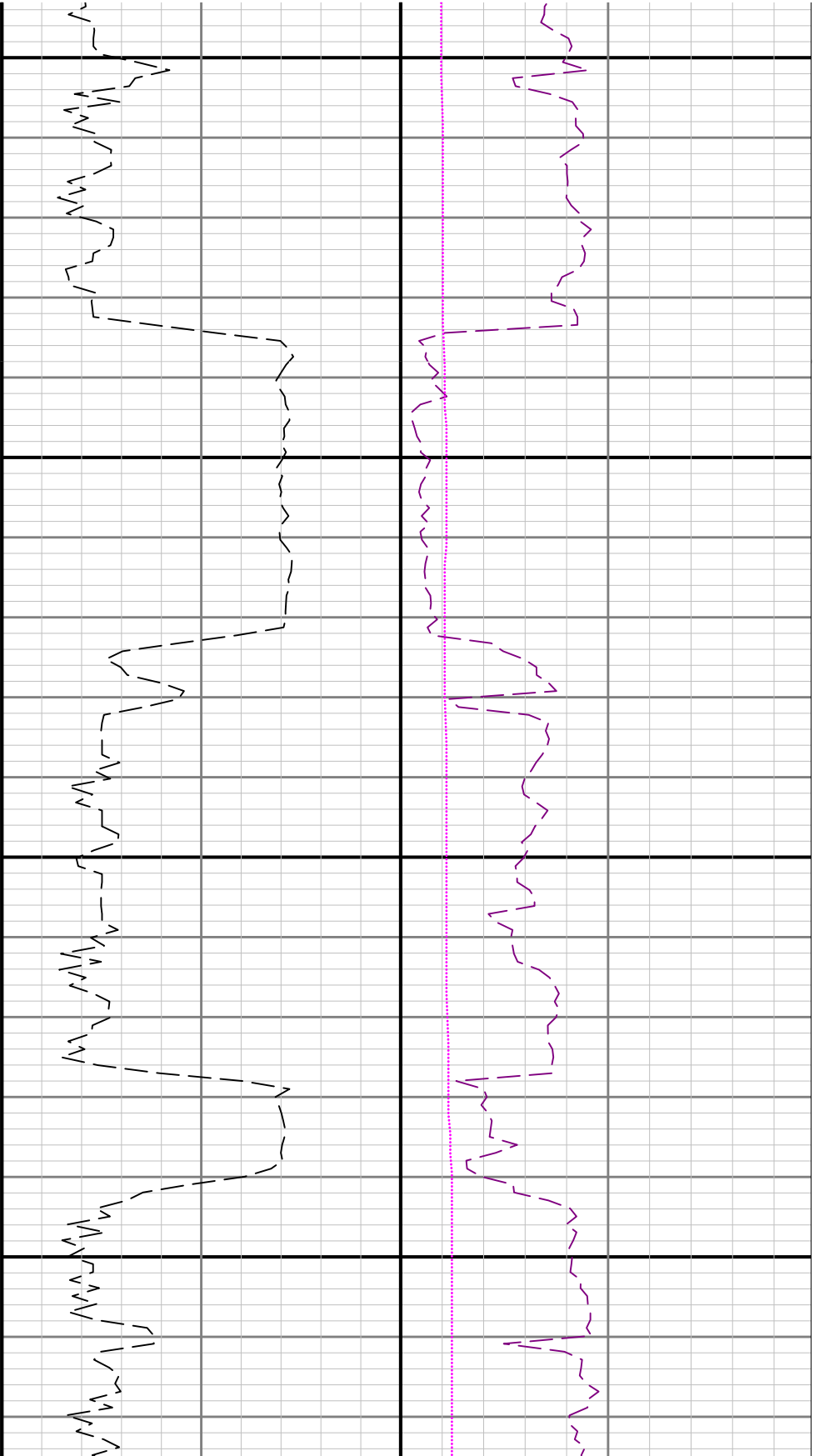
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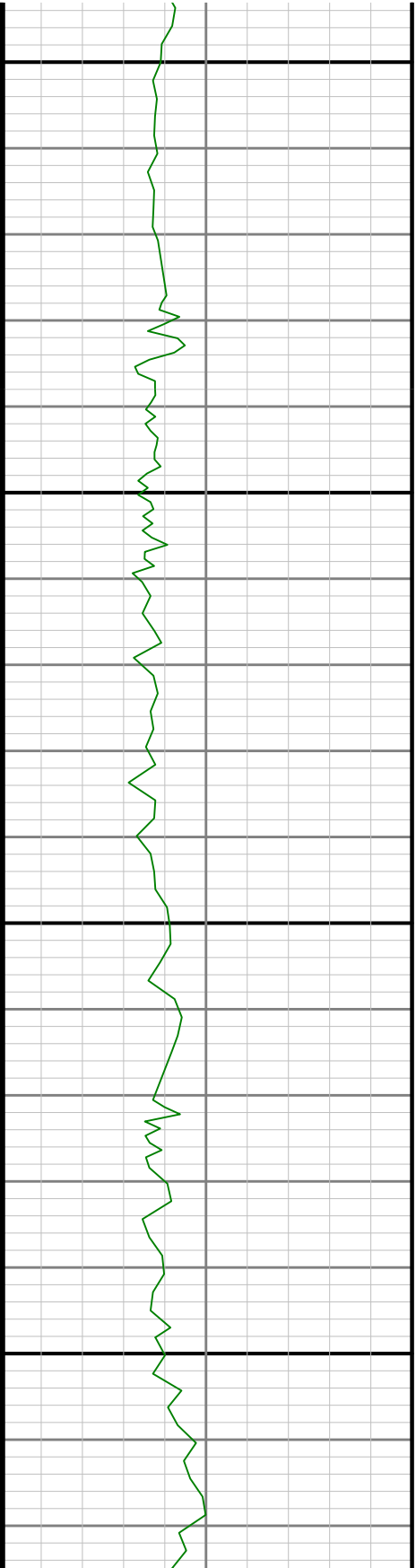
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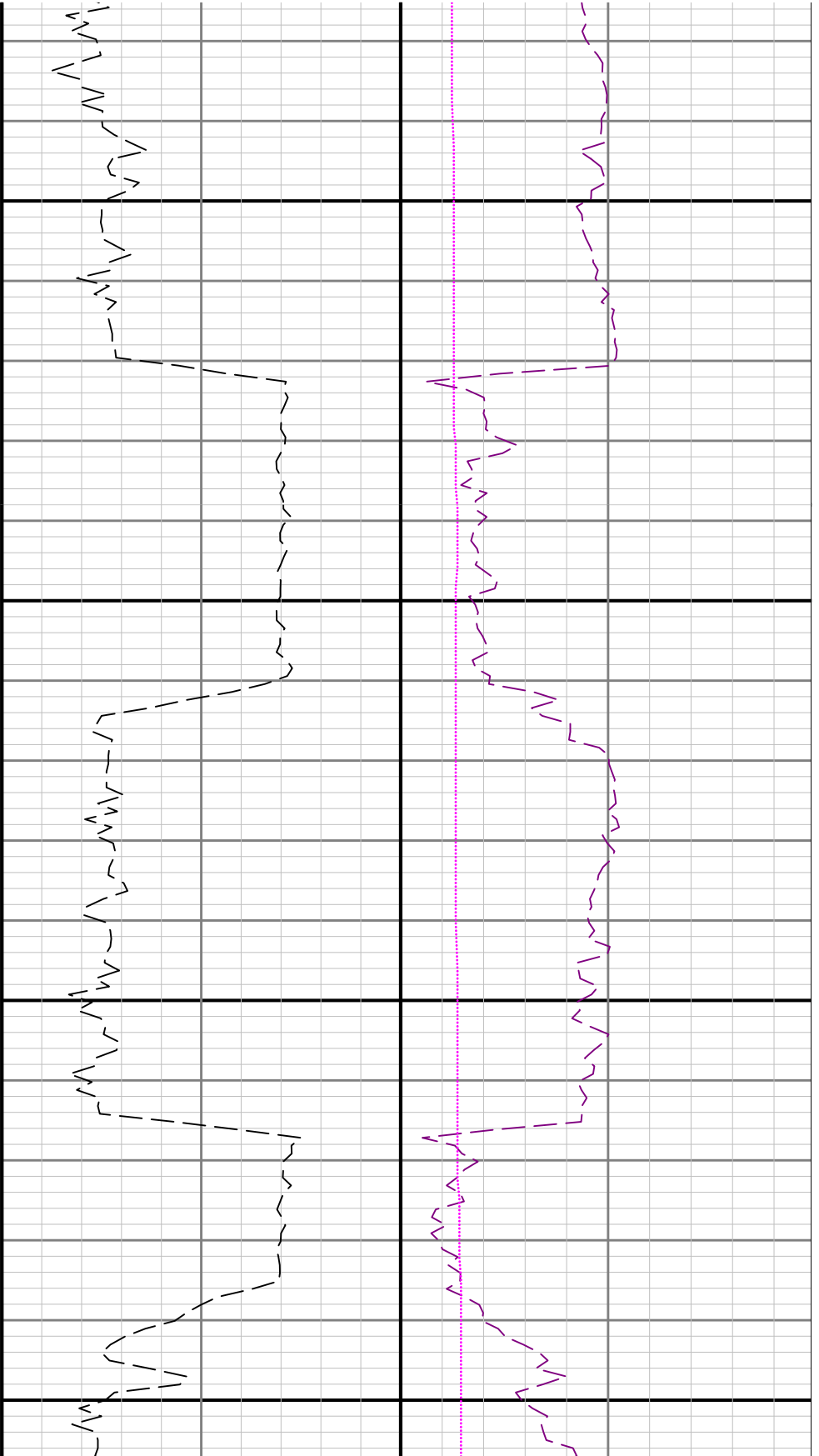




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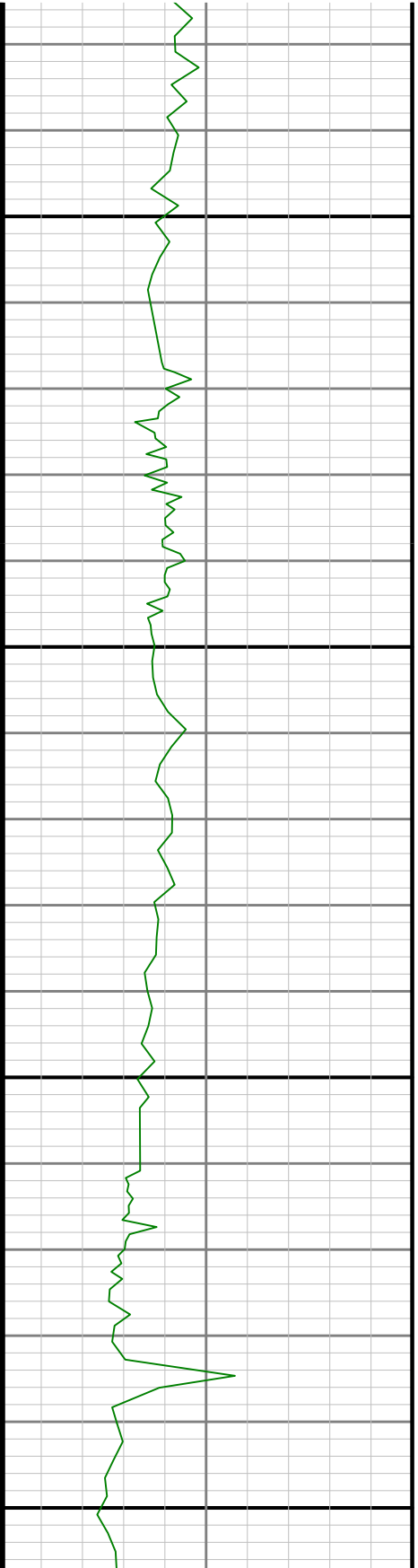
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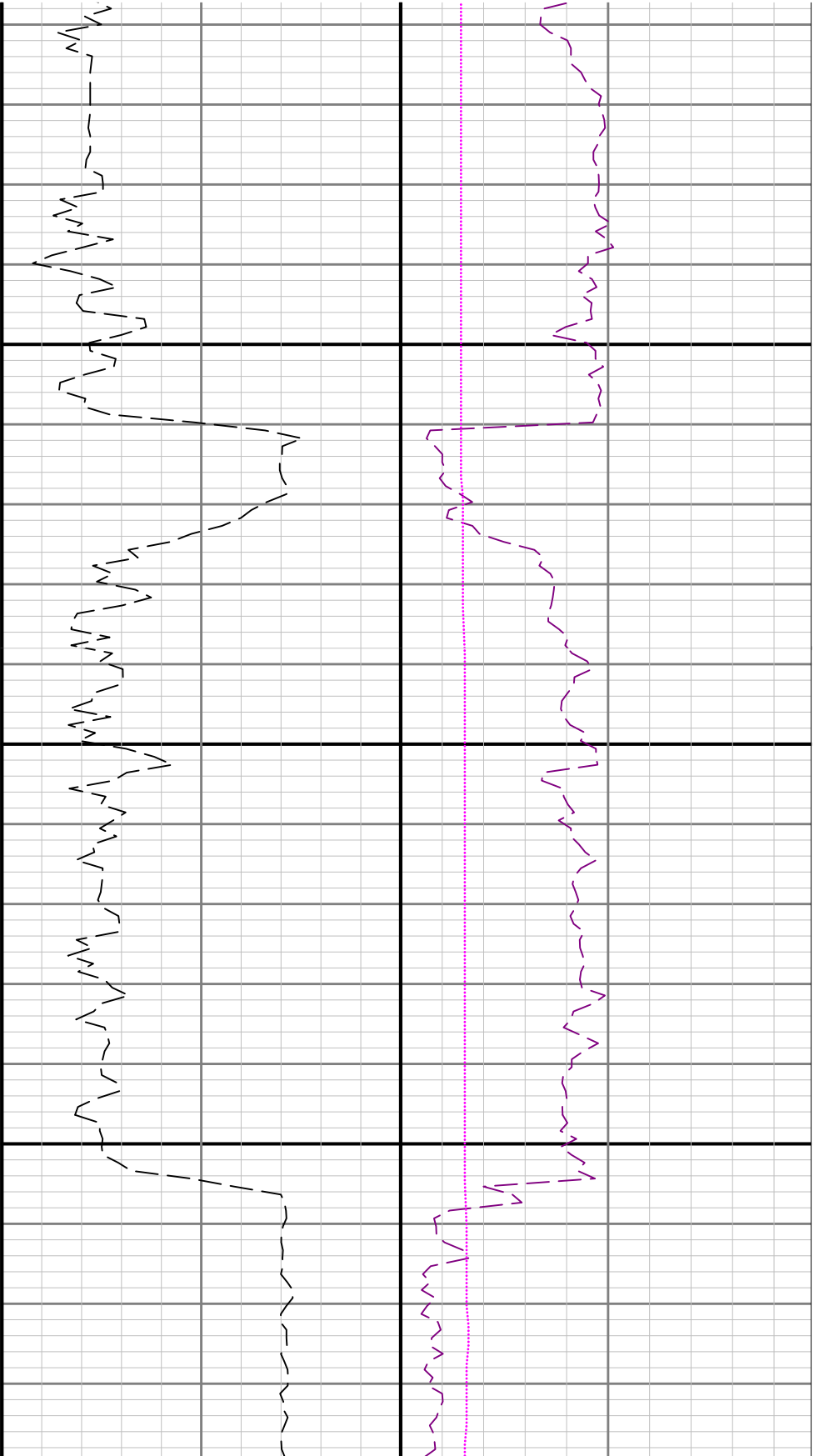




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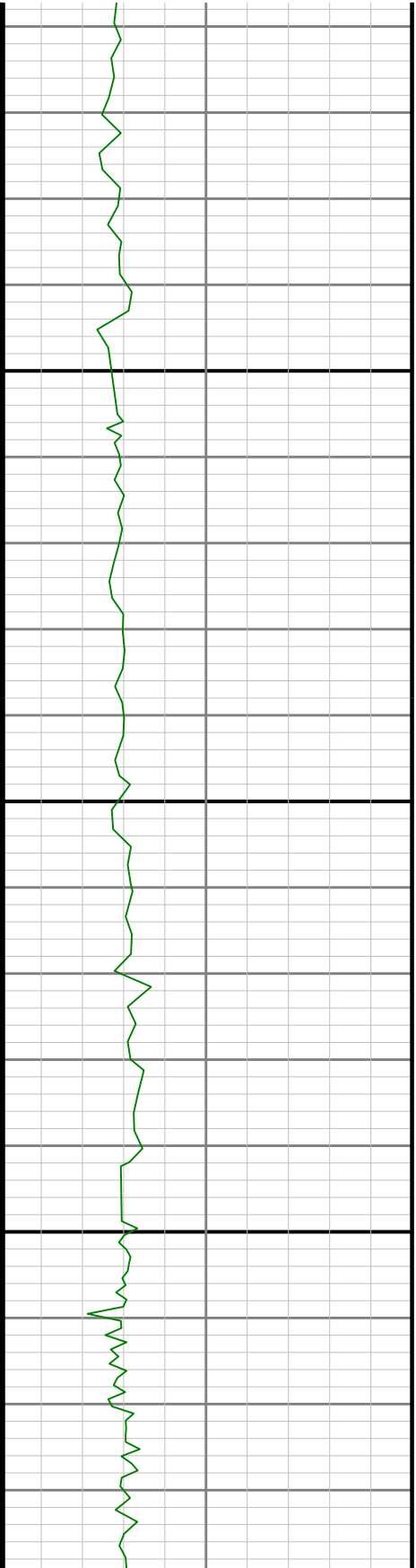
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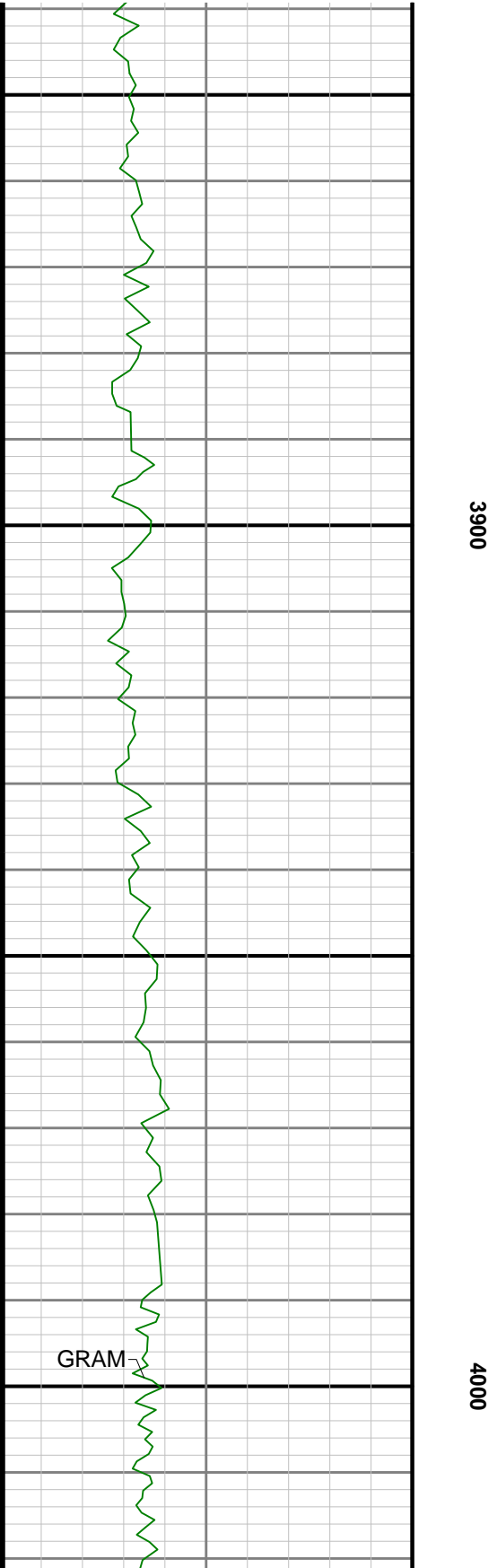
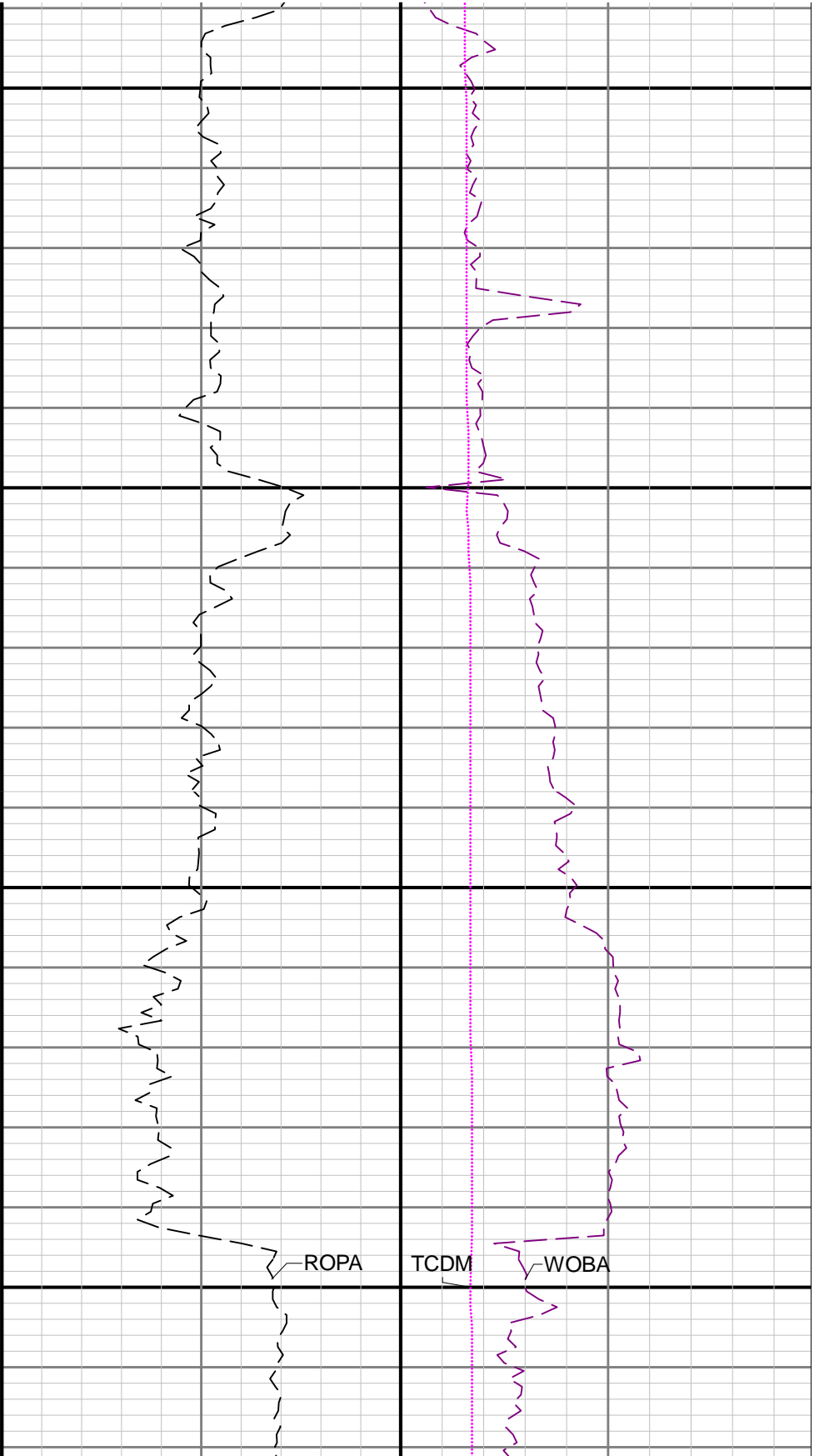


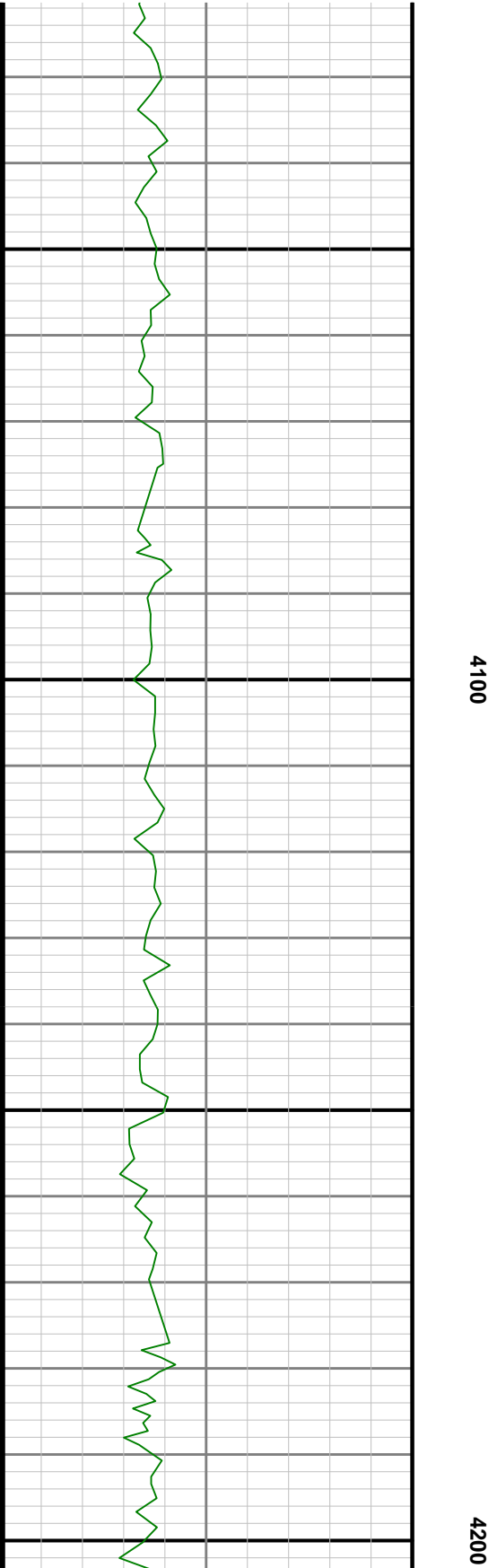
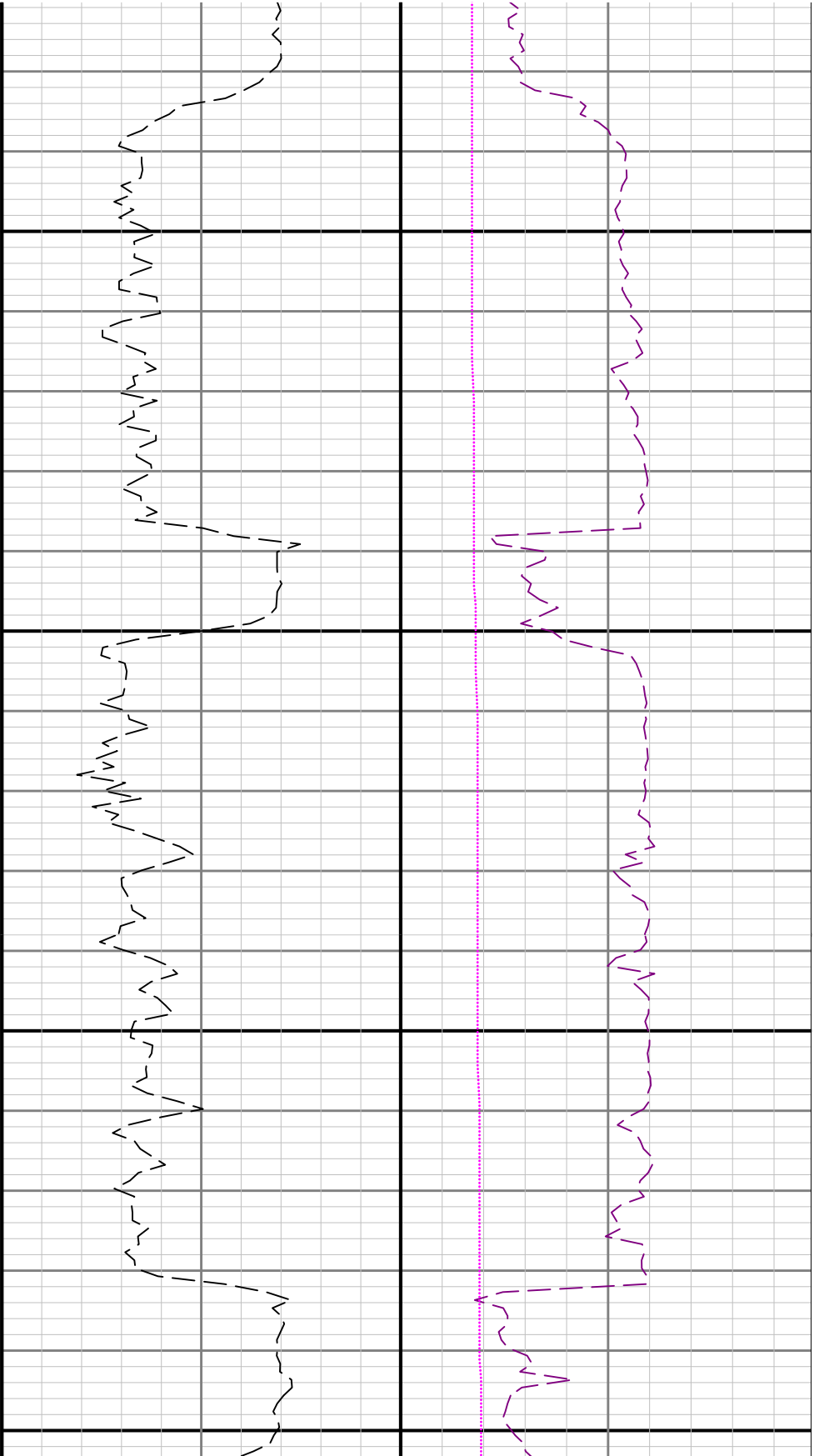


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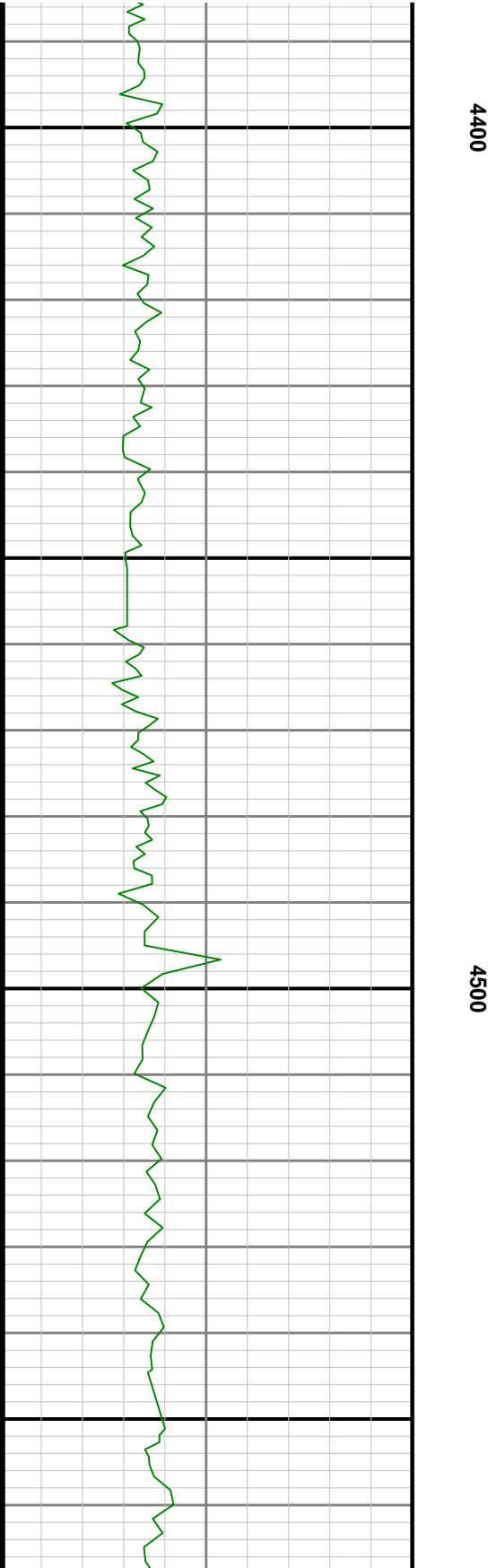
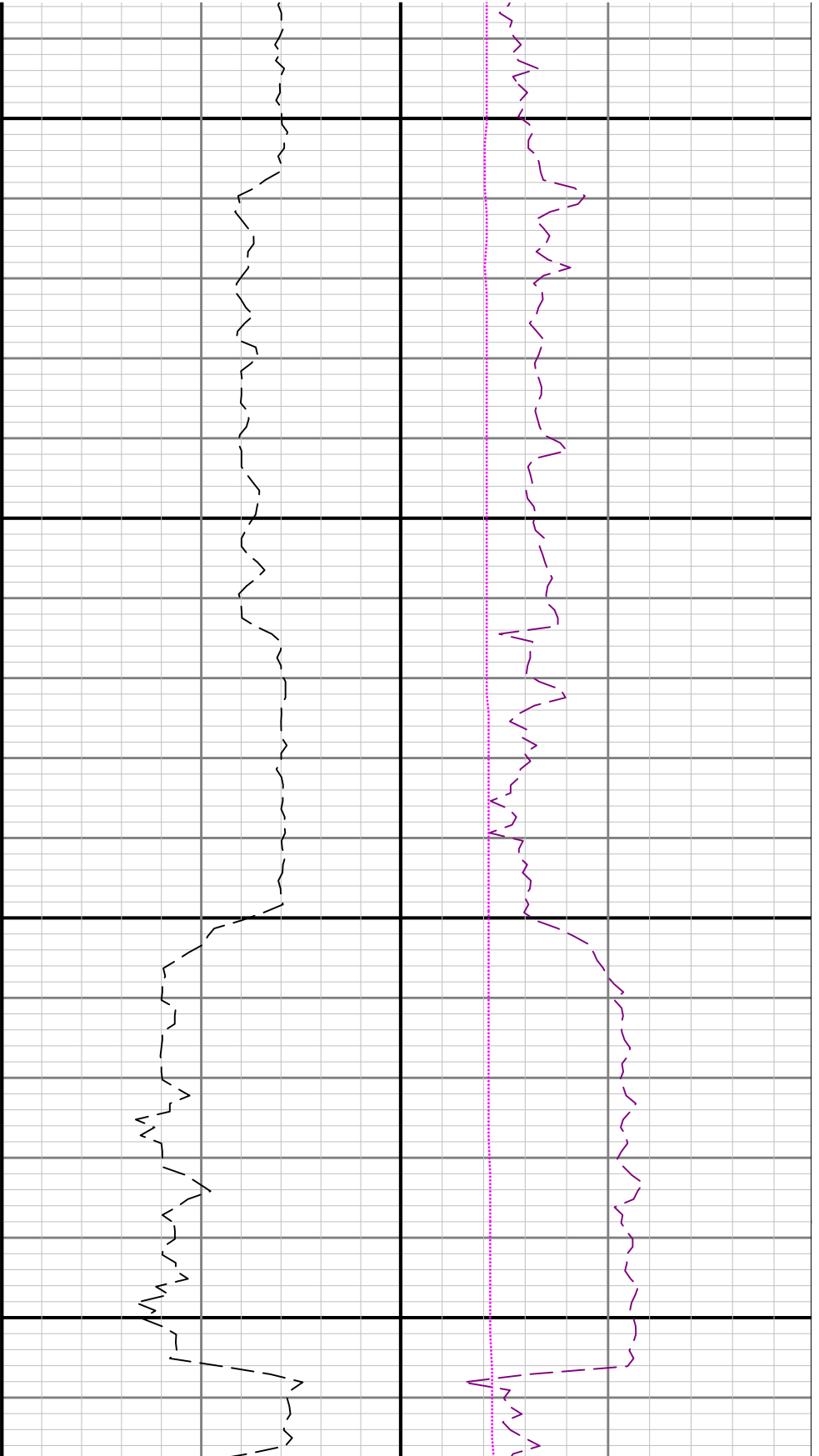
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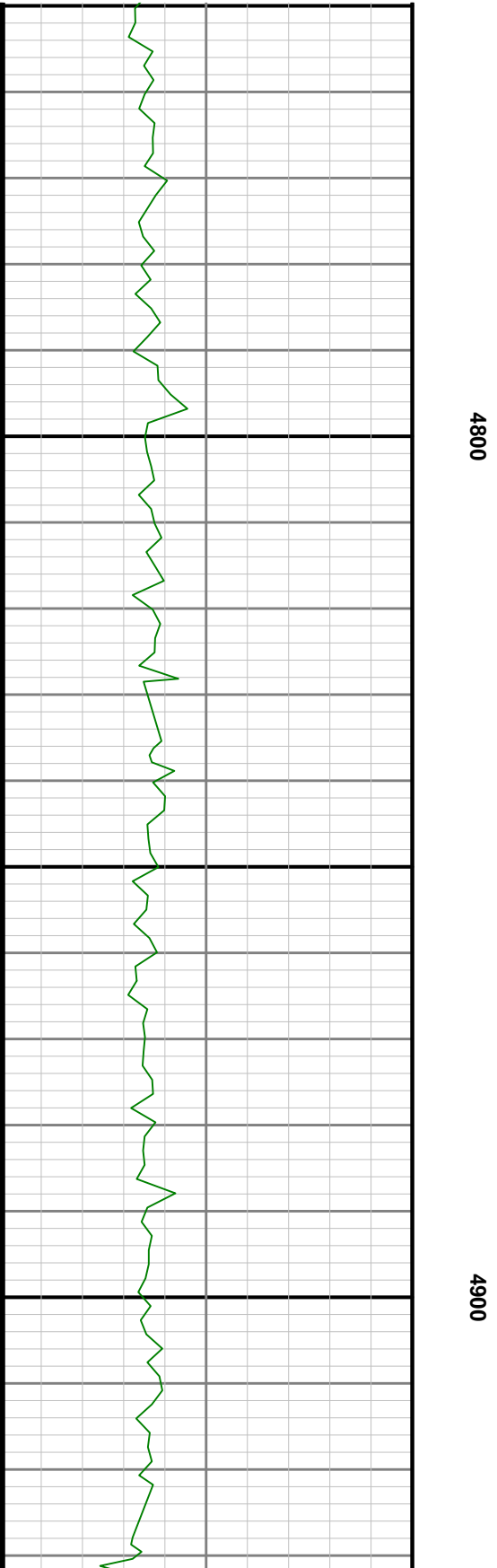
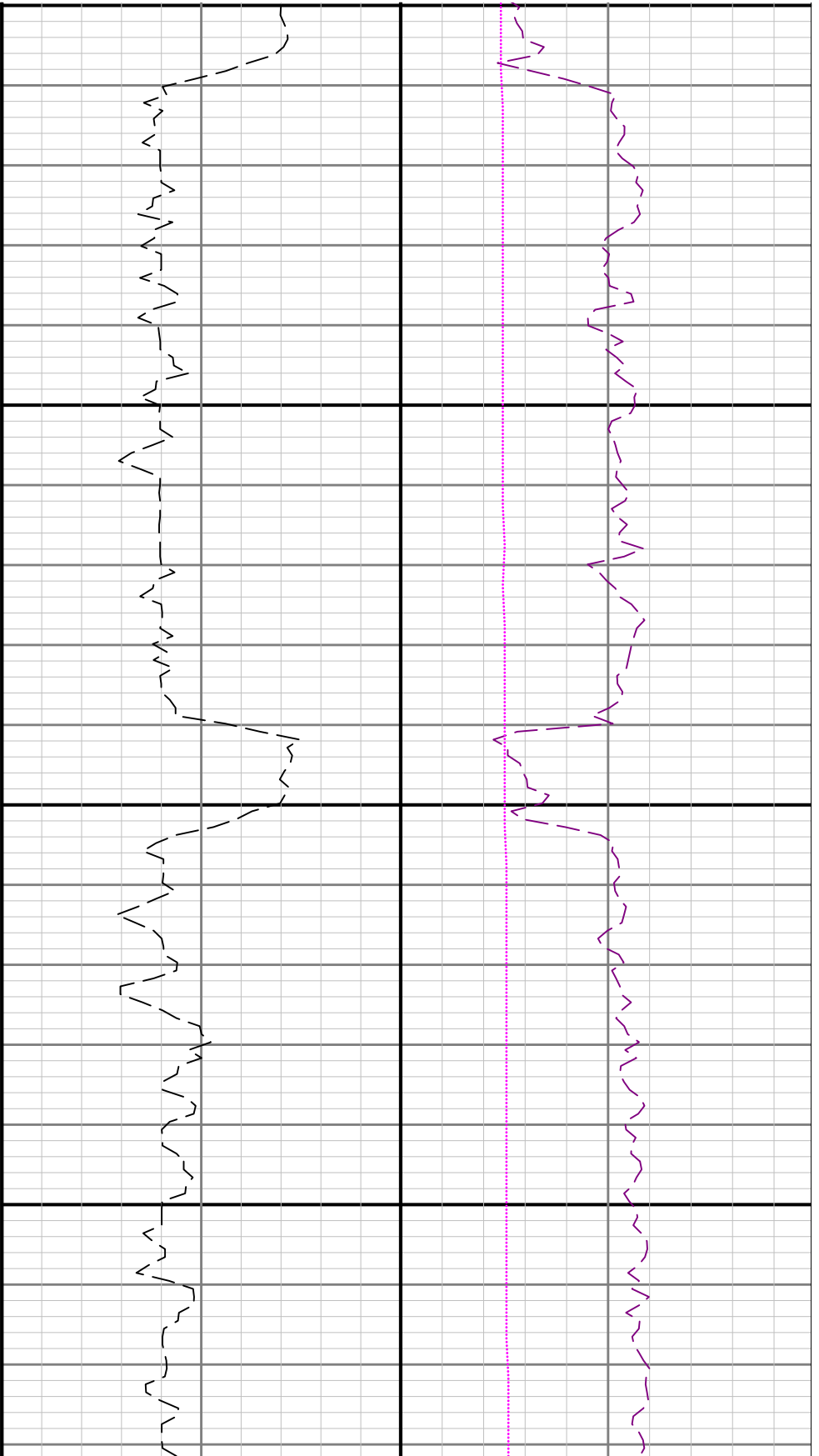


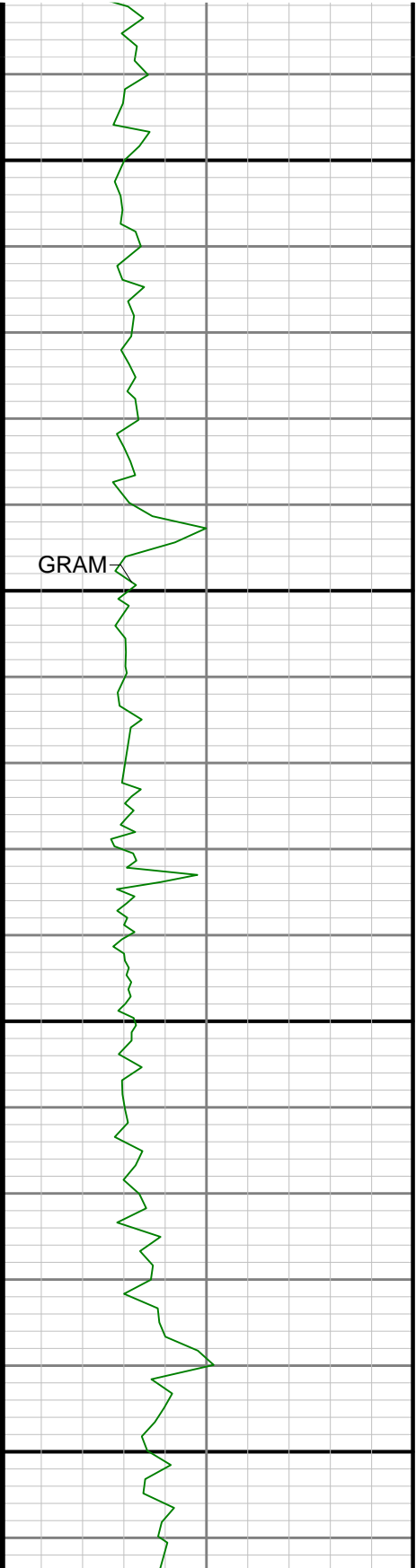






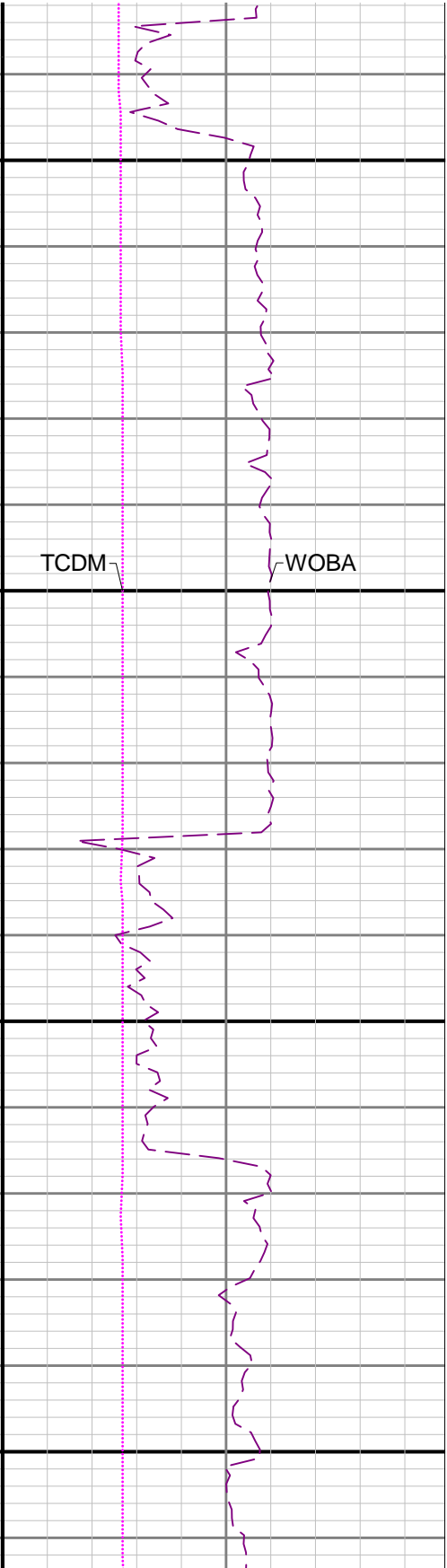
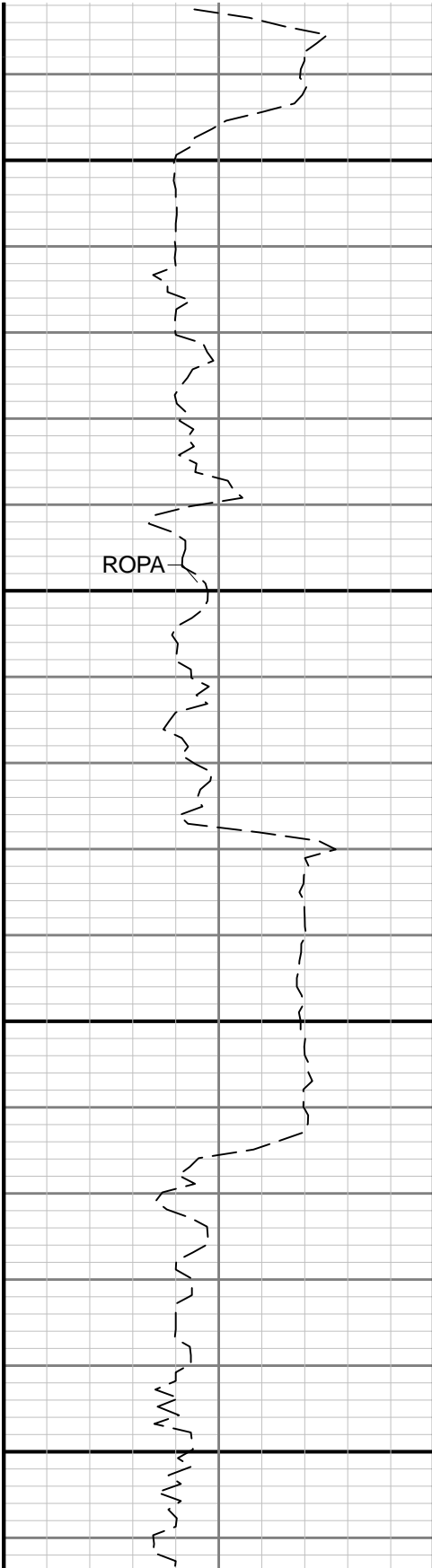




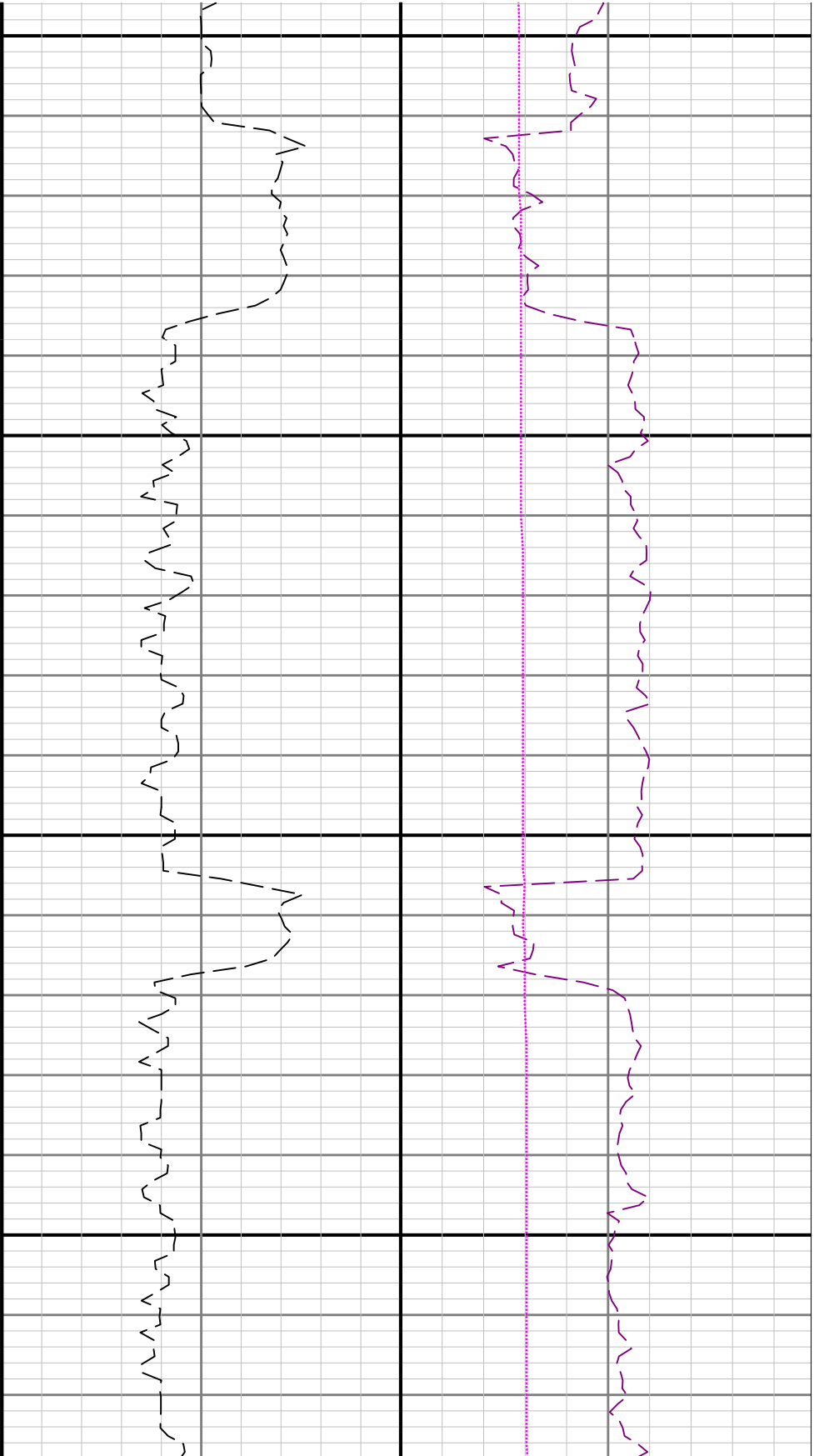


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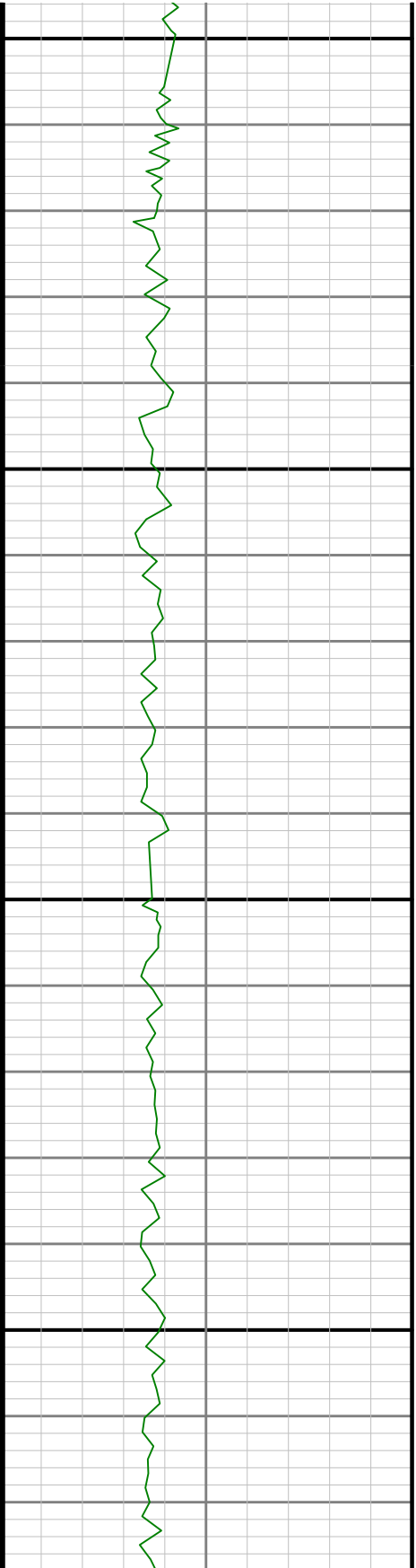


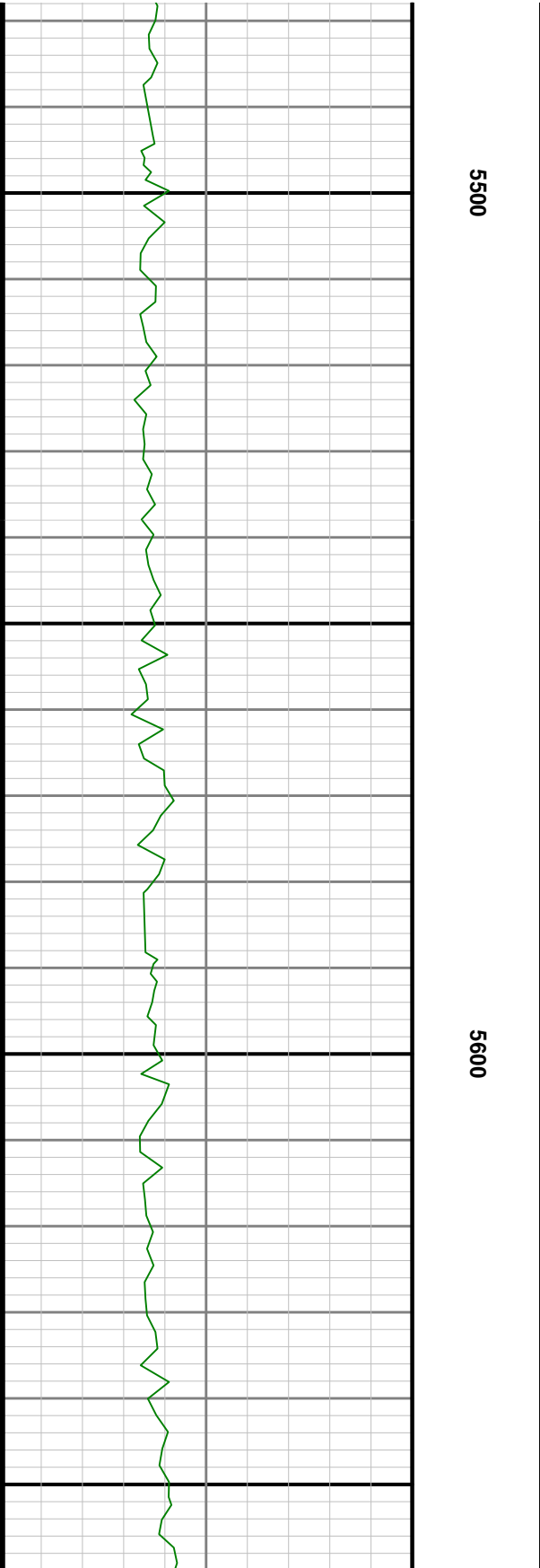
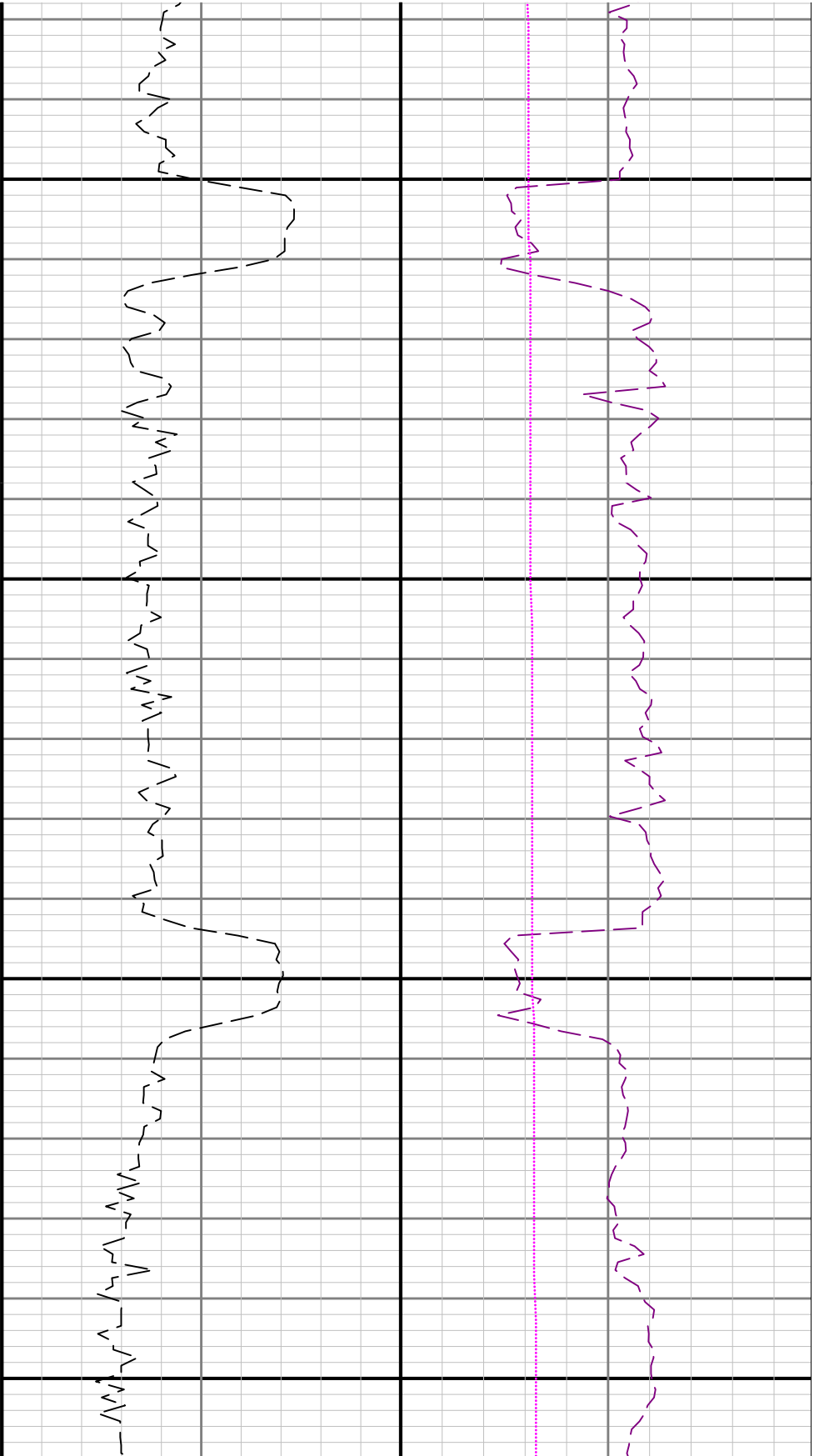


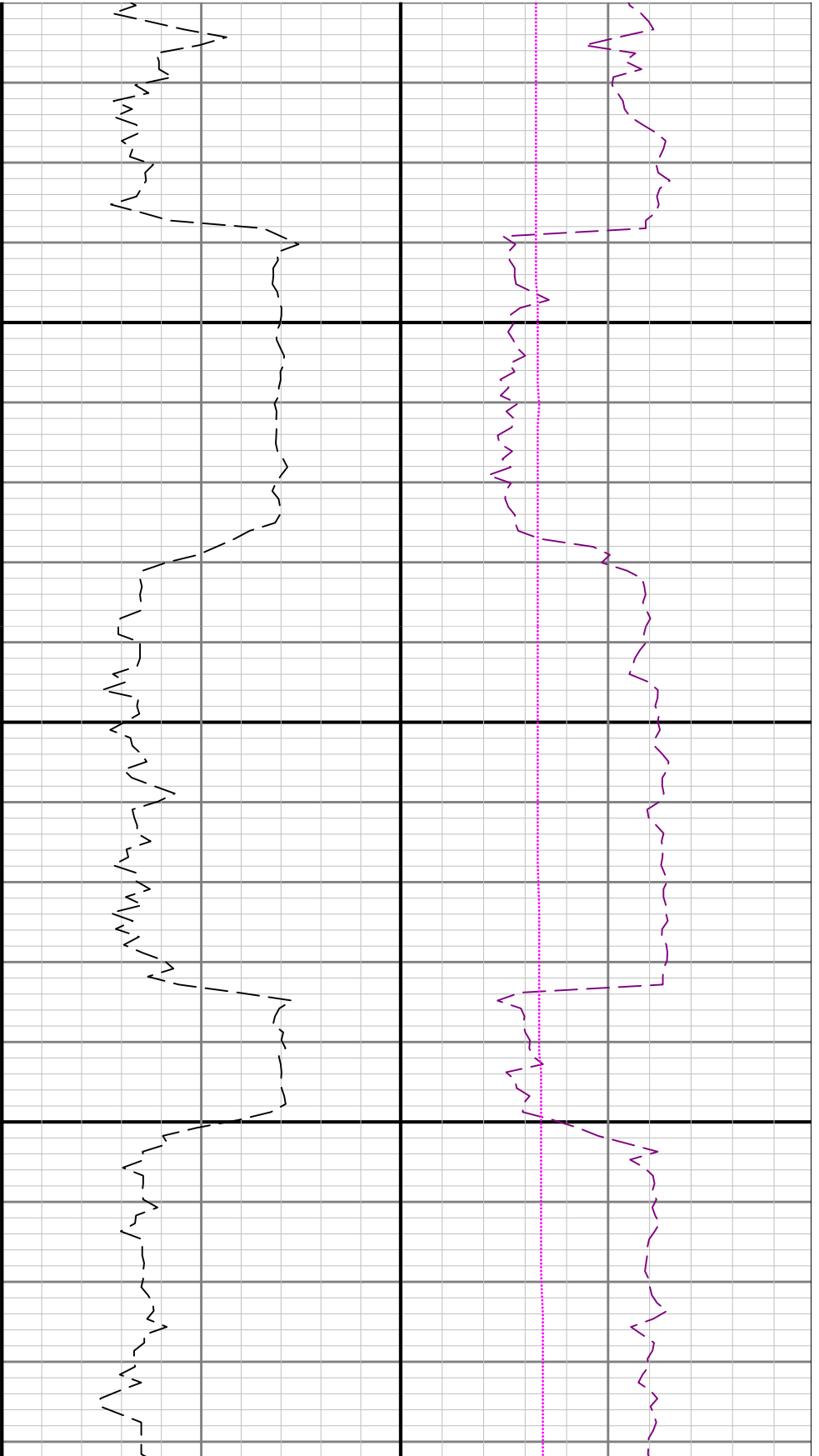


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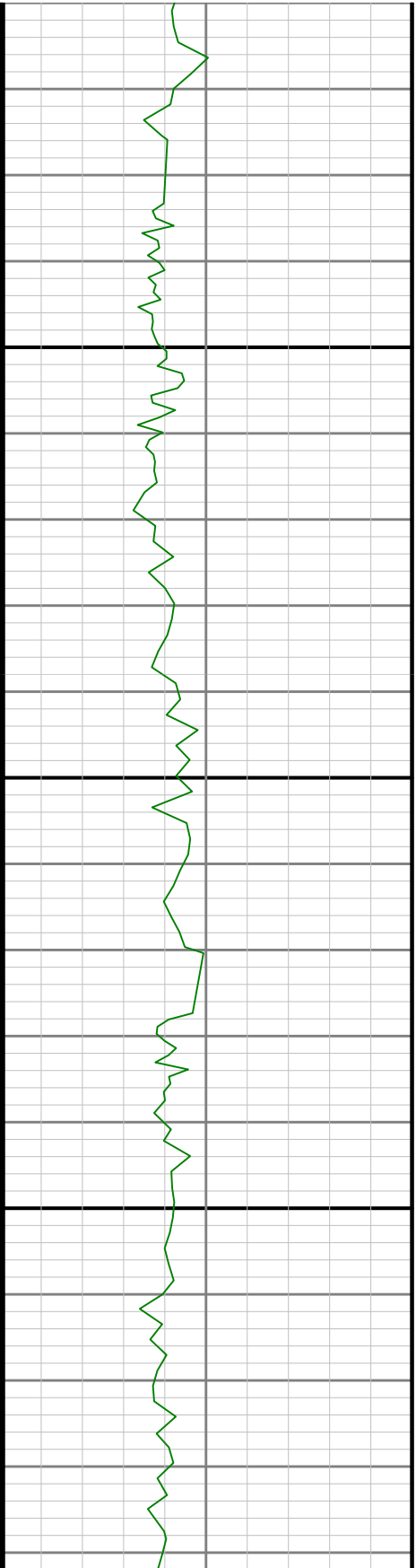


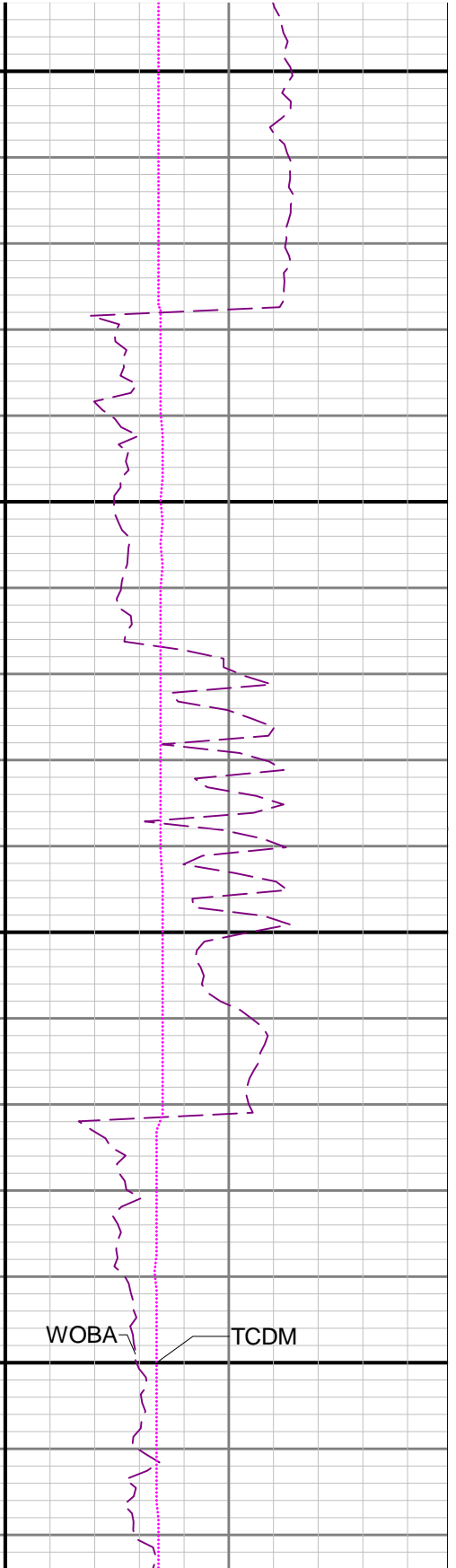
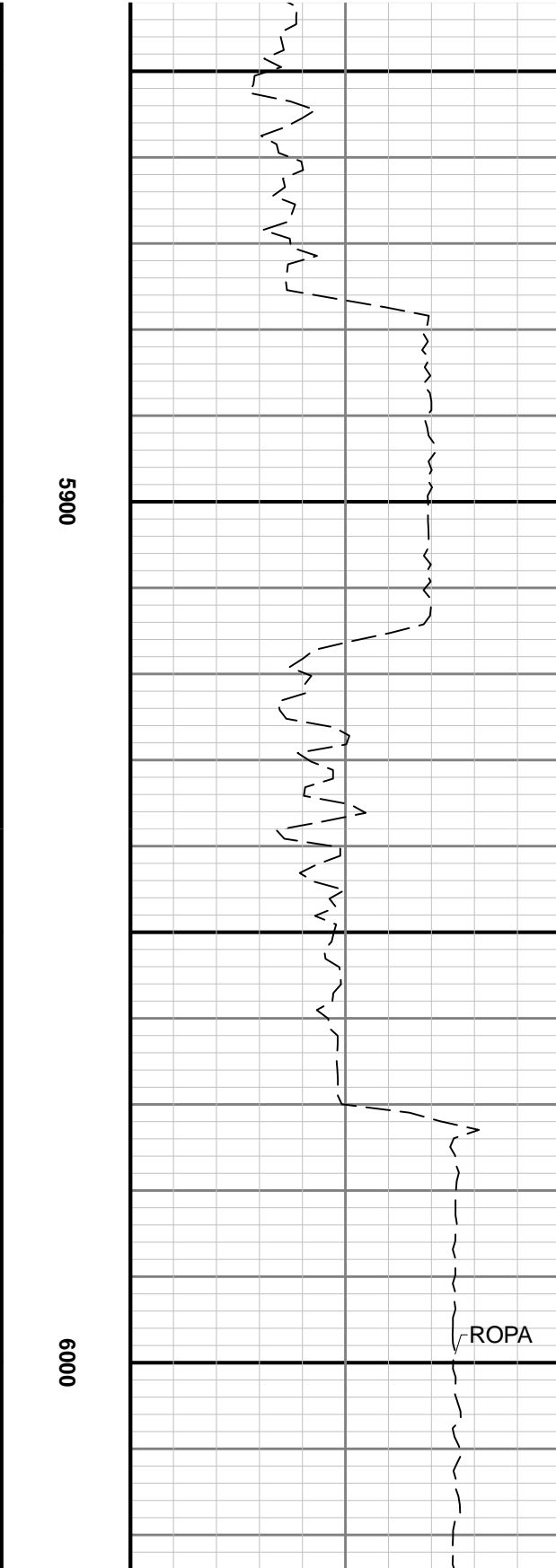
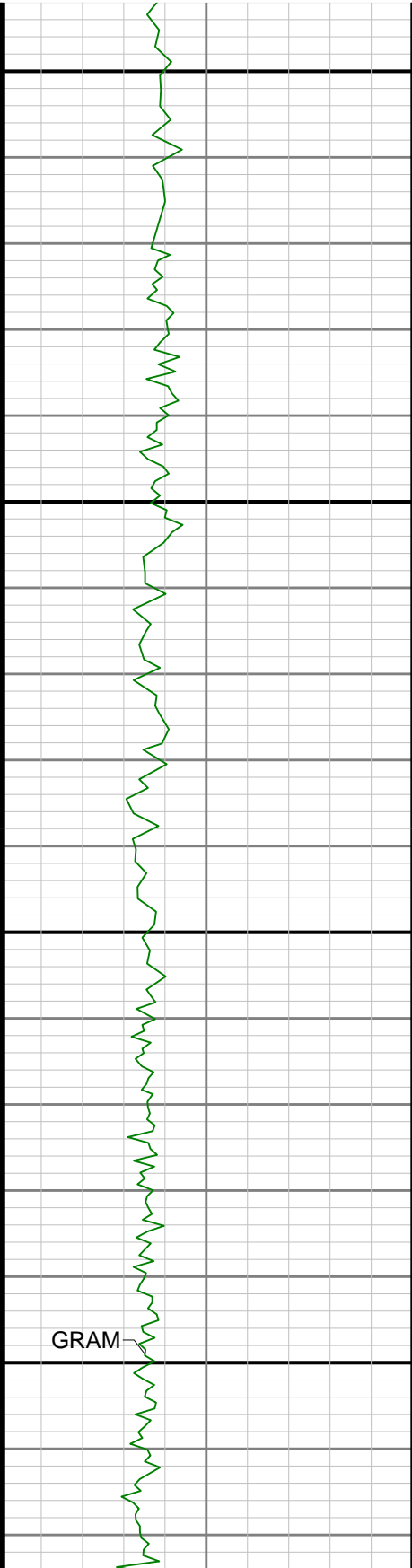


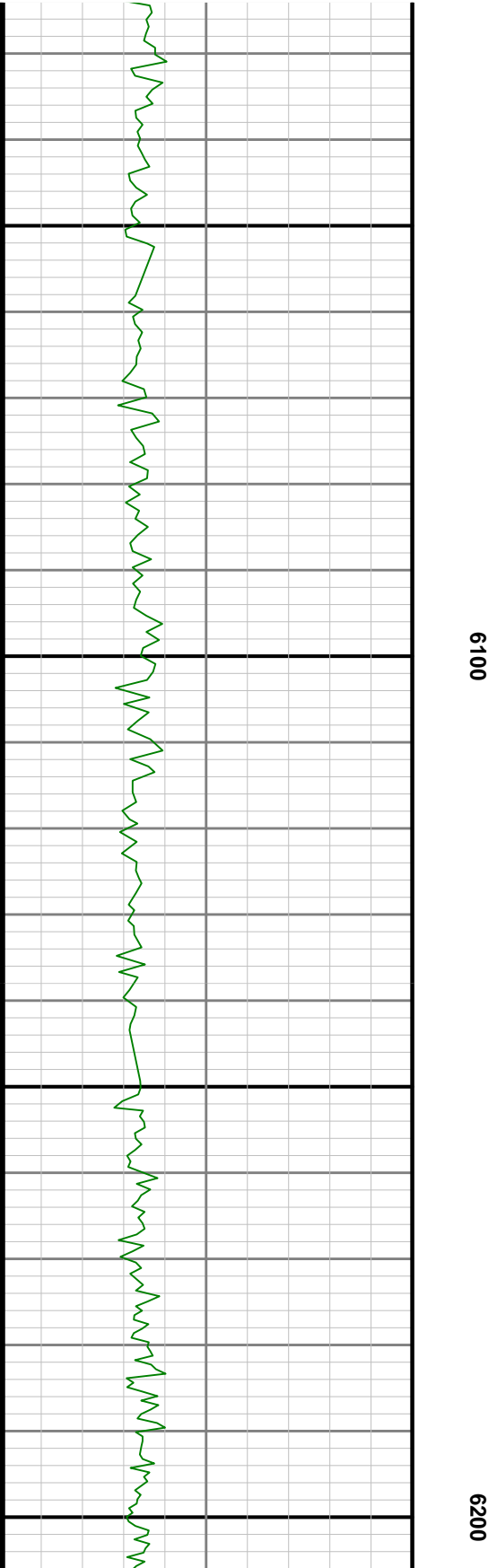
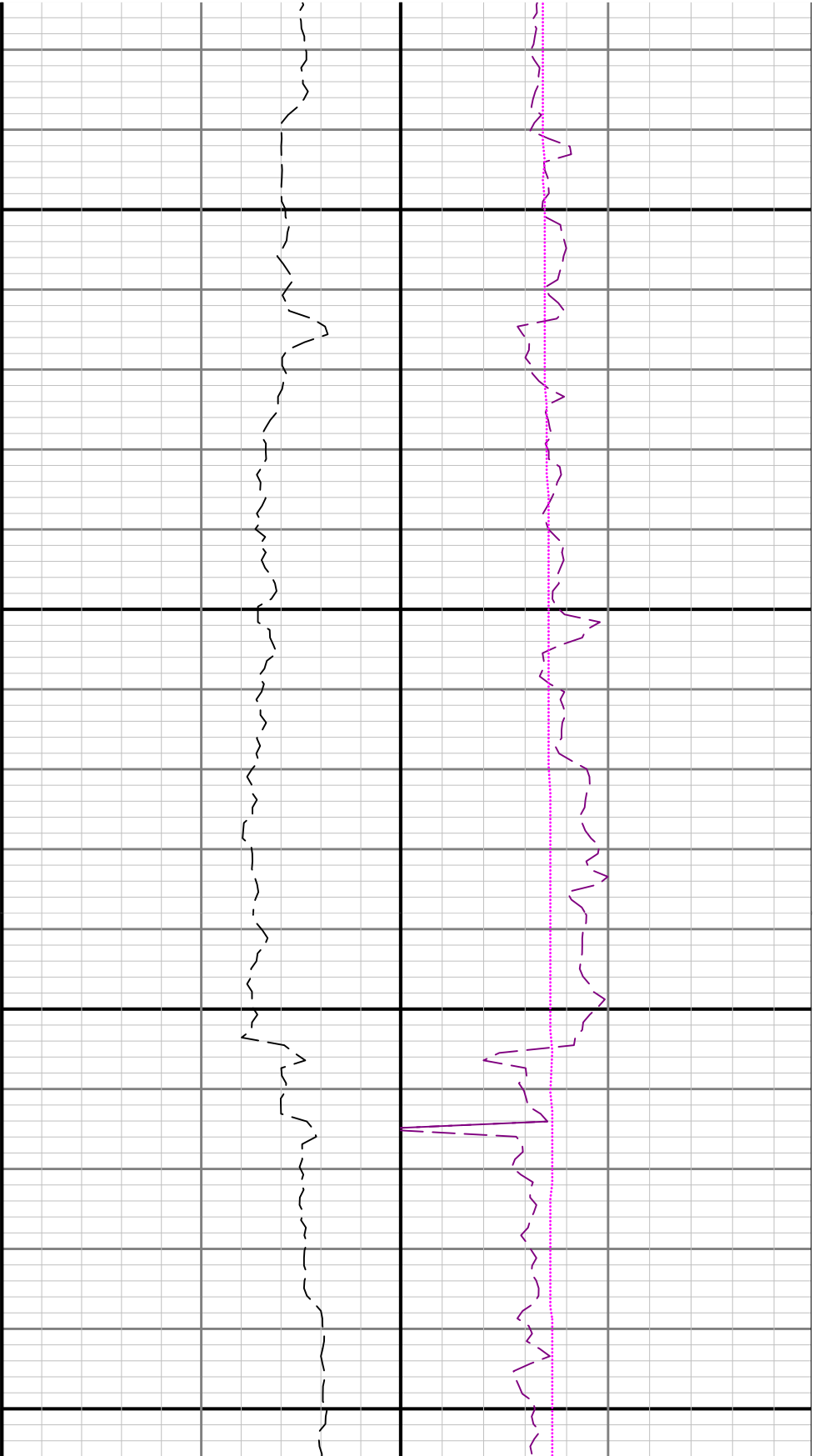


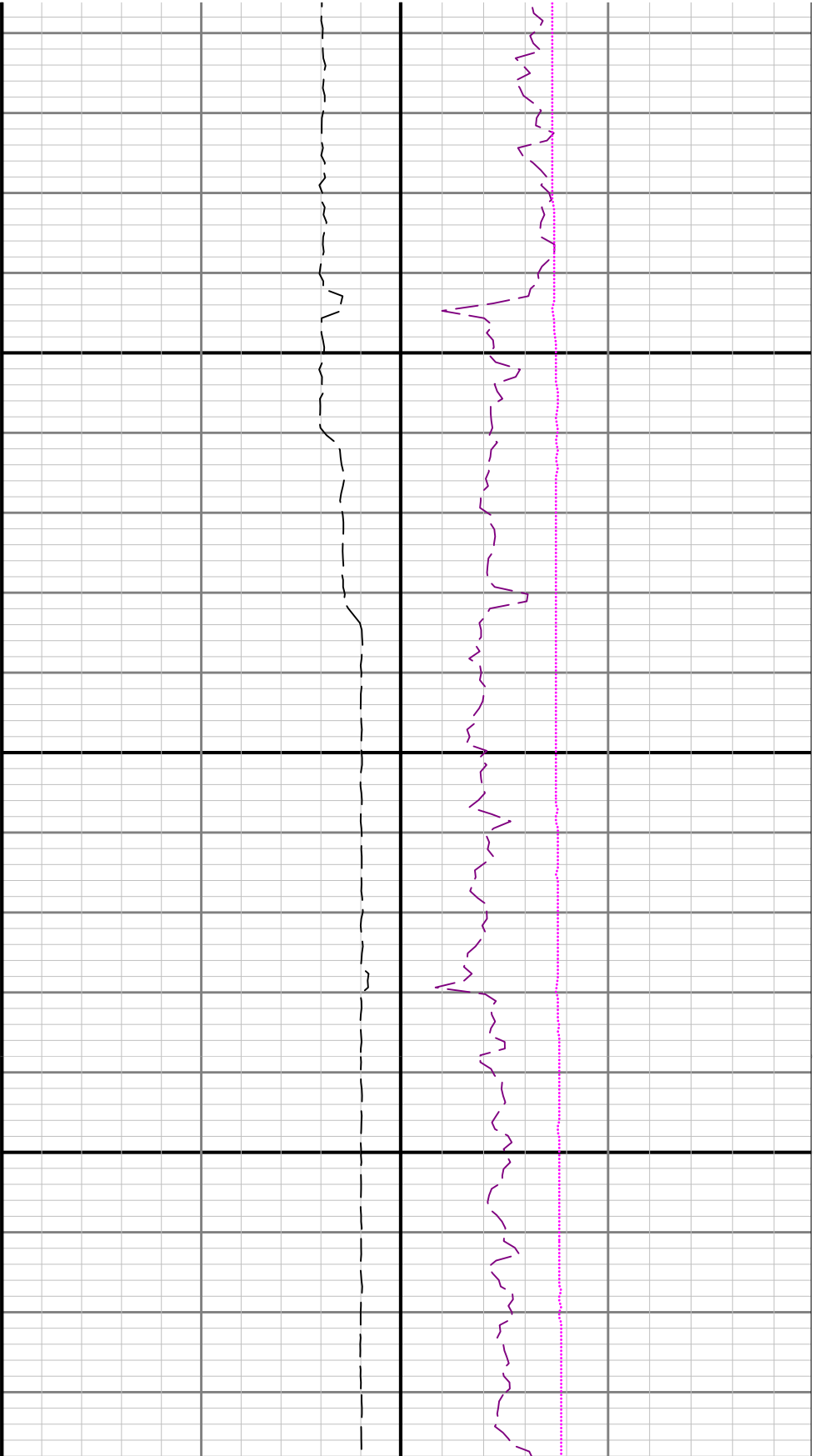
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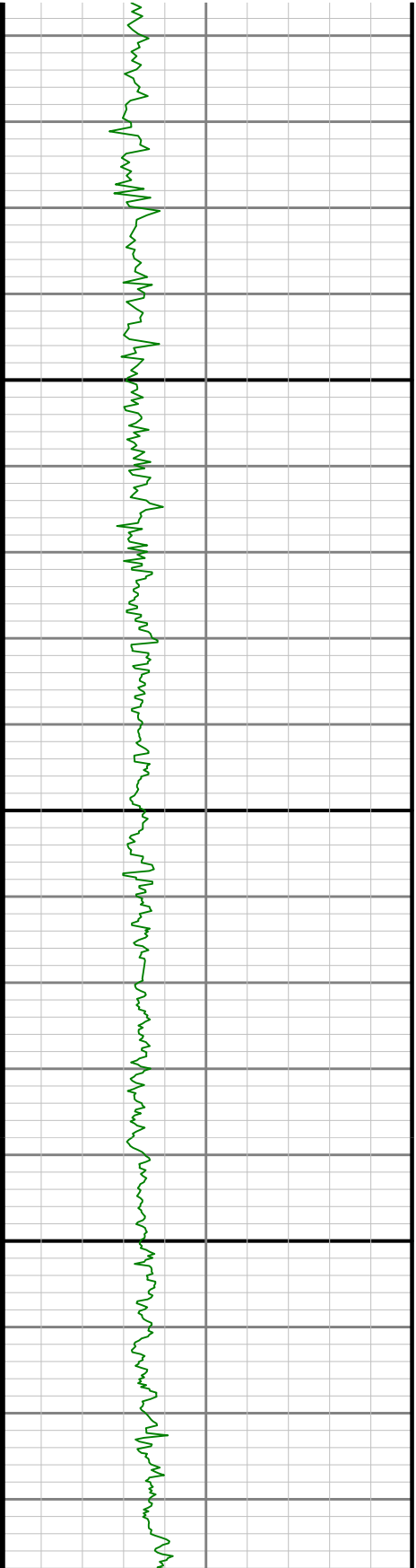








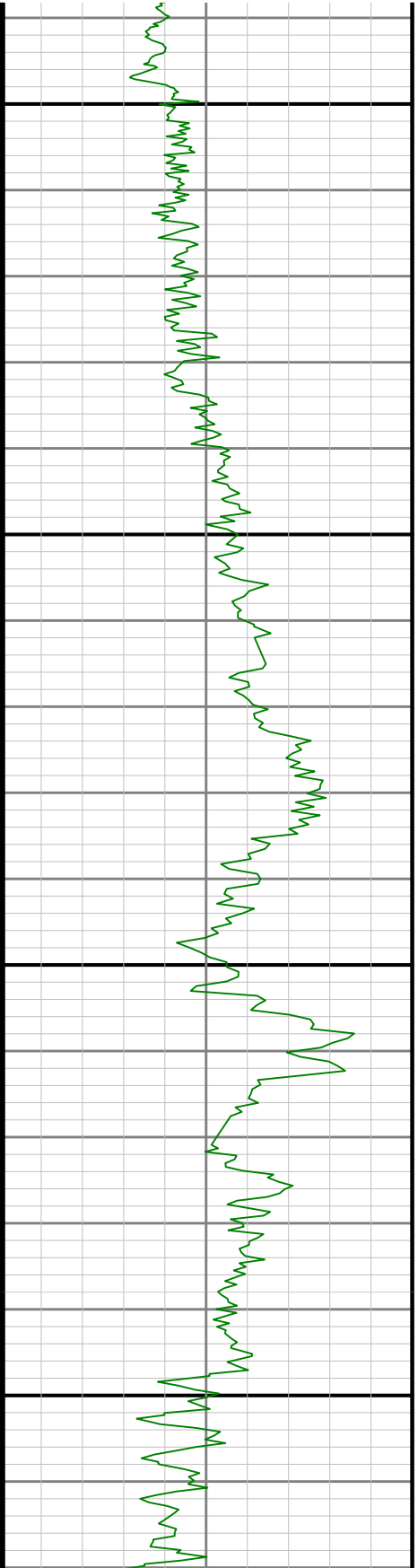
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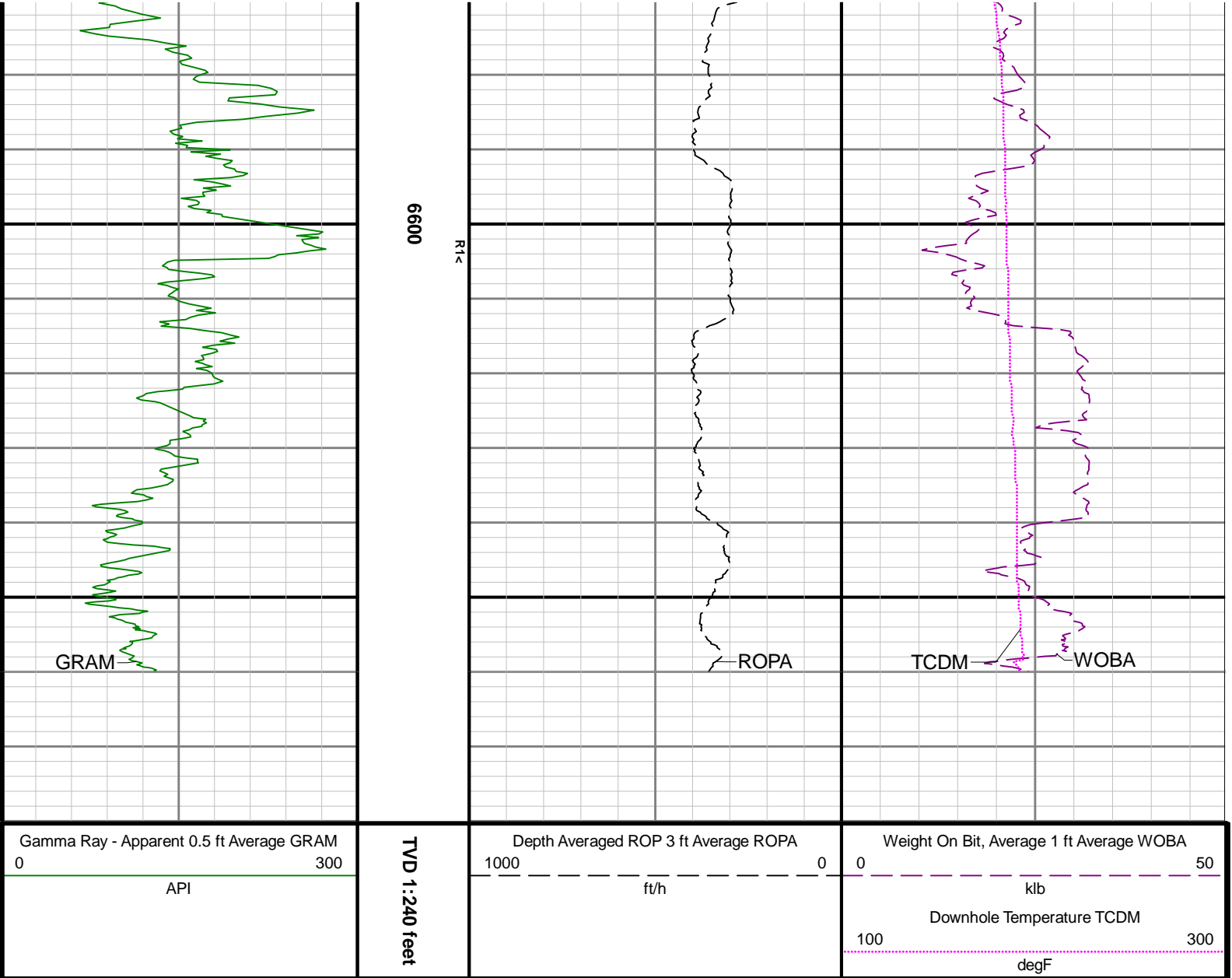




6400

6500





Directional Survey Summary												
Latitude: 41° 01' 11" N					Longitude: 86° 01' 11" W							
North Reference: Grid					Drill Depth Zero: Rig Floor							
Vertical Datum is: Ground Level					Vertical Datum to DDZ: (ft) 30.00							
Vertical Section North: (m) 0.00					Vertical Section East: (m) 0.00							
Vertical Section Azimuth: (deg) 179.07												
Grid Convergence: (deg) -0.69					Magnetic Declination: (deg) 7.92							
Total Correction: (deg) 7.23					TVD Calculation Method: Minimum Curvature							
Magnetic Correction: On					Local Magnetic Field: (nT) 52318							
Local Magnetic Dip Angle: (deg) 67.12					Local Gravity Field: (m/s2) 9.804							
Tie-In / Projection	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Temperature (degF)	North (ft)	East (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Course Length (ft)	Dog Leg Severity (deg/100ft)	Build Rate (deg/100ft)	Turn Rate (deg/100ft)
	85.47	0.31	154.11	N/A	-0.21	0.10	85.47	0.21	0.00	0.36	0.36	180.31
	178.36	0.18	131.99	N/A	-0.53	0.32	178.36	0.54	92.89	0.17	-0.14	-23.81

		272.56	0.28	126.44	N/A	-0.77	0.61	272.56	0.78	94.20	0.11	0.11	-5.89
		367.52	0.57	94.14	N/A	-0.94	1.27	367.52	0.96	94.96	0.38	0.31	-34.01
		462.22	0.17	123.05	N/A	-1.05	1.86	462.21	1.08	94.70	0.45	-0.42	30.53
		556.94	0.30	227.27	N/A	-1.29	1.80	556.93	1.32	94.72	0.40	0.14	110.03
		651.57	0.33	31.31	N/A	-1.23	1.75	651.56	1.26	94.63	0.66	0.03	173.35
		746.04	0.25	323.19	N/A	-0.83	1.77	746.03	0.86	94.47	0.35	-0.08	-72.11
		840.70	0.37	320.35	N/A	-0.43	1.45	840.69	0.46	94.66	0.13	0.13	-3.00
		935.30	0.28	311.93	N/A	-0.04	1.09	935.29	0.06	94.60	0.11	-0.10	-8.90
		1029.84	0.35	282.85	N/A	0.18	0.63	1029.83	-0.17	94.54	0.18	0.07	-30.76
		1124.32	0.40	297.33	N/A	0.39	0.06	1124.30	-0.39	94.48	0.11	0.05	15.33
		1218.86	0.23	307.95	N/A	0.66	-0.38	1218.84	-0.67	94.54	0.19	-0.18	11.23
		1313.49	0.42	321.51	N/A	1.05	-0.75	1313.47	-1.06	94.63	0.22	0.20	14.33
		1408.25	0.70	318.50	N/A	1.75	-1.35	1408.23	-1.78	94.76	0.30	0.30	-3.18
		1502.35	0.46	337.45	N/A	2.53	-1.87	1502.32	-2.56	94.10	0.32	-0.26	20.14
		1597.47	0.55	18.62	N/A	3.32	-1.88	1597.44	-3.35	95.12	0.38	0.09	43.28
		1692.19	0.42	45.87	N/A	3.99	-1.48	1692.16	-4.01	94.72	0.28	-0.14	28.77
		1786.75	0.18	195.25	N/A	4.09	-1.27	1786.72	-4.11	94.56	0.62	-0.25	157.97
		1881.32	0.23	109.48	N/A	3.88	-1.13	1881.28	-3.90	94.57	0.30	0.05	-90.69
Tie-In		1911.00	0.30	104.65	N/A	3.84	-1.00	1910.96	-3.86	29.68	0.25	0.24	-16.27
		1989.00	0.09	53.93	N/A	3.83	-0.75	1988.96	-3.84	78.00	0.32	-0.27	-65.03
		2084.00	0.03	305.10	N/A	3.89	-0.71	2083.96	-3.90	95.00	0.11	-0.06	-114.56
		2179.00	0.03	15.18	N/A	3.92	-0.73	2178.96	-3.93	95.00	0.04	0.00	73.77
		2273.00	1.03	152.07	N/A	3.20	-0.32	2272.96	-3.21	94.00	1.12	1.06	145.63
		2368.00	3.00	147.62	N/A	0.35	1.41	2367.90	-0.32	95.00	2.08	2.07	-4.68
		2463.00	4.58	147.13	N/A	-4.94	4.80	2462.68	5.02	95.00	1.66	1.66	-0.52
		2557.00	4.60	148.37	N/A	-11.30	8.81	2556.38	11.44	94.00	0.11	0.02	1.32
		2652.00	5.13	156.02	N/A	-18.42	12.53	2651.04	18.63	95.00	0.88	0.56	8.05
		2747.00	4.32	164.49	N/A	-25.75	15.22	2745.72	26.00	95.00	1.12	-0.85	8.92
		2841.00	5.25	167.04	N/A	-33.36	17.13	2839.39	33.63	94.00	1.01	0.99	2.71
		2936.00	4.96	172.01	N/A	-41.66	18.67	2934.01	41.96	95.00	0.56	-0.31	5.23
		3030.00	4.95	171.47	N/A	-49.69	19.84	3027.66	50.01	94.00	0.05	-0.01	-0.57
		3125.00	5.00	175.93	N/A	-57.88	20.74	3122.31	58.21	95.00	0.41	0.05	4.69
		3219.00	5.25	178.24	N/A	-66.26	21.17	3215.93	66.60	94.00	0.34	0.27	2.46
		3314.00	5.40	168.15	N/A	-74.98	22.22	3310.52	75.33	95.00	1.00	0.16	-10.62
		3409.00	5.31	159.32	N/A	-83.47	24.69	3405.11	83.86	95.00	0.87	-0.09	-9.29
		3503.00	5.42	143.42	N/A	-91.10	28.87	3498.70	91.56	94.00	1.58	0.12	-16.91
		3598.00	5.41	134.55	N/A	-97.85	34.73	3593.28	98.40	95.00	0.88	-0.01	-9.34
		3693.00	5.38	133.34	N/A	-104.05	41.17	3687.86	104.70	95.00	0.12	-0.03	-1.27
		3787.00	5.35	142.30	N/A	-110.54	47.05	3781.45	111.29	94.00	0.89	-0.03	9.53
		3882.00	5.34	146.02	N/A	-117.71	52.23	3876.04	118.54	95.00	0.36	-0.01	3.92
		3976.00	5.33	143.38	N/A	-124.84	57.28	3969.63	125.75	94.00	0.26	-0.01	-2.81
		4071.00	5.31	143.46	N/A	-131.91	62.53	4064.22	132.91	95.00	0.02	-0.02	0.08
		4166.00	5.55	140.89	N/A	-139.01	68.04	4158.79	140.09	95.00	0.36	0.25	-2.71
		4260.00	5.38	134.39	N/A	-145.62	74.06	4252.37	146.80	94.00	0.68	-0.18	-6.91
		4355.00	5.25	125.84	N/A	-151.28	80.77	4346.96	152.57	95.00	0.84	-0.14	-9.00
		4449.00	5.27	144.82	N/A	-157.33	86.74	4440.57	158.71	94.00	1.84	0.02	20.19
		4544.00	5.26	158.68	N/A	-164.95	90.84	4535.17	166.40	95.00	1.34	-0.01	14.59
		4638.00	5.38	157.83	N/A	-173.04	94.07	4628.77	174.55	94.00	0.15	0.13	-0.90
		4733.00	5.42	159.98	N/A	-181.38	97.28	4723.35	182.94	95.00	0.22	0.04	2.26
		4827.00	5.26	159.14	N/A	-189.58	100.34	4816.94	191.18	94.00	0.19	-0.17	-0.89
		4922.00	5.32	163.06	N/A	-197.86	103.17	4911.54	199.51	95.00	0.39	0.06	4.13
		5016.00	5.13	173.08	N/A	-206.20	104.95	5005.15	207.88	94.00	0.99	-0.20	10.66
		5111.00	5.39	182.16	N/A	-214.88	105.29	5099.75	216.56	95.00	0.92	0.27	9.56
		5206.00	5.36	178.06	N/A	-223.77	105.27	5194.33	225.45	95.00	0.41	-0.03	-4.32
		5300.00	5.21	164.70	N/A	-232.28	106.55	5287.94	233.98	94.00	1.32	-0.16	-14.21
		5395.00	5.23	162.59	N/A	-240.57	108.98	5382.54	242.31	95.00	0.20	0.02	-2.22
		5489.00	5.36	159.00	N/A	-248.76	111.84	5476.14	250.54	94.00	0.38	0.14	-3.82
		5584.00	5.31	155.03	N/A	-256.88	115.28	5570.73	258.72	95.00	0.39	-0.05	-4.18
		5679.00	5.27	152.73	N/A	-264.75	119.14	5665.32	266.64	95.00	0.23	-0.04	-2.42
		5773.00	5.32	150.44	N/A	-272.37	123.26	5758.92	274.34	94.00	0.23	0.05	-2.44
		5868.00	5.39	149.81	N/A	-280.06	127.68	5853.51	282.10	95.00	0.10	0.07	-0.66

	5962.00	5.30	147.93	N/A	-287.56	132.21	5947.10	289.66	94.00	0.21	-0.10	-2.00
	6057.00	10.93	151.18	N/A	-299.17	138.88	6041.11	301.39	95.00	5.94	5.93	3.42
	6151.00	16.07	153.61	N/A	-318.65	148.97	6132.48	321.03	94.00	5.50	5.47	2.59
	6246.00	21.14	159.51	N/A	-346.50	160.82	6222.50	349.06	95.00	5.69	5.34	6.21
	6341.00	28.73	166.10	N/A	-384.77	172.32	6308.60	387.52	95.00	8.50	7.99	6.94
	6435.00	38.85	171.11	N/A	-435.97	182.33	6386.63	438.87	94.00	11.16	10.77	5.33
	6530.00	48.88	175.27	N/A	-501.25	189.91	6455.05	504.27	95.00	10.98	10.56	4.38
	6624.00	56.45	179.10	N/A	-575.83	193.45	6512.03	578.89	94.00	8.68	8.05	4.07
	6719.00	63.93	180.91	N/A	-658.19	193.39	6559.23	661.25	95.00	8.04	7.87	1.91
	6814.00	70.64	181.03	N/A	-745.76	191.91	6595.89	748.78	95.00	7.06	7.06	0.13
	6908.00	77.47	180.32	N/A	-836.09	190.85	6621.70	839.07	94.00	7.30	7.27	-0.76
	7003.00	78.22	180.05	N/A	-928.96	190.55	6641.70	931.93	95.00	0.84	0.79	-0.28
	7097.00	83.96	180.18	N/A	-1021.78	190.36	6656.26	1024.74	94.00	6.11	6.11	0.14
	7192.00	91.48	180.22	N/A	-1116.64	190.03	6660.03	1119.58	95.00	7.92	7.92	0.04
	7287.00	91.35	180.81	N/A	-1211.61	189.18	6657.69	1214.52	95.00	0.64	-0.14	0.62
	7381.00	91.35	181.75	N/A	-1305.55	187.08	6655.47	1308.42	94.00	1.00	0.00	1.00
	7476.00	90.40	182.25	N/A	-1400.48	183.77	6654.02	1403.28	95.00	1.13	-1.00	0.53
	7570.00	90.37	182.62	N/A	-1494.40	179.77	6653.39	1497.12	94.00	0.39	-0.03	0.39
	7665.00	90.49	182.79	N/A	-1589.29	175.29	6652.68	1591.92	95.00	0.22	0.13	0.18
	7760.00	90.34	182.88	N/A	-1684.17	170.59	6651.99	1686.72	95.00	0.18	-0.16	0.09
	7854.00	90.31	183.06	N/A	-1778.04	165.72	6651.45	1780.50	94.00	0.19	-0.03	0.19
	7949.00	90.43	183.38	N/A	-1872.89	160.38	6650.84	1875.25	95.00	0.36	0.13	0.34
	8043.00	90.40	183.17	N/A	-1966.73	155.01	6650.16	1968.99	94.00	0.23	-0.03	-0.22
	8138.00	90.46	182.70	N/A	-2061.61	150.15	6649.45	2063.77	95.00	0.50	0.06	-0.49
	8232.00	90.43	181.18	N/A	-2155.55	146.97	6648.72	2157.65	94.00	1.62	-0.03	-1.62
	8327.00	90.34	180.71	N/A	-2250.53	145.40	6648.08	2252.60	95.00	0.50	-0.09	-0.49
	8421.00	90.37	181.35	N/A	-2344.51	143.71	6647.50	2346.54	94.00	0.68	0.03	0.68
	8516.00	90.46	181.45	N/A	-2439.48	141.39	6646.81	2441.46	95.00	0.14	0.09	0.11
	8610.00	90.52	180.34	N/A	-2533.47	139.92	6646.00	2535.40	94.00	1.18	0.06	-1.18
	8705.00	90.40	179.17	N/A	-2628.46	140.33	6645.24	2630.39	95.00	1.24	-0.13	-1.23
	8800.00	90.49	177.97	N/A	-2723.43	142.70	6644.50	2725.38	95.00	1.27	0.09	-1.26
	8894.00	90.12	177.29	N/A	-2817.34	146.59	6644.00	2819.35	94.00	0.82	-0.39	-0.72
	8989.00	90.22	177.45	N/A	-2912.24	150.94	6643.72	2914.31	95.00	0.20	0.11	0.17
	9083.00	90.22	177.20	N/A	-3006.14	155.33	6643.36	3008.27	94.00	0.27	0.00	-0.27
	9178.00	90.25	177.50	N/A	-3101.04	159.72	6642.97	3103.22	95.00	0.32	0.03	0.32
	9272.00	90.25	178.12	N/A	-3194.97	163.32	6642.56	3197.20	94.00	0.66	0.00	0.66
	9367.00	90.18	178.22	N/A	-3289.92	166.35	6642.20	3292.19	95.00	0.13	-0.07	0.11
	9461.00	90.28	178.14	N/A	-3383.87	169.34	6641.83	3386.17	94.00	0.14	0.11	-0.09
	9556.00	90.12	178.49	N/A	-3478.83	172.13	6641.50	3481.16	95.00	0.41	-0.17	0.37
	9651.00	90.22	178.76	N/A	-3573.80	174.41	6641.21	3576.16	95.00	0.30	0.11	0.28
	9745.00	90.22	179.48	N/A	-3667.79	175.85	6640.85	3670.16	94.00	0.77	0.00	0.77
	9840.00	90.12	180.05	N/A	-3762.79	176.24	6640.57	3765.15	95.00	0.61	-0.11	0.60
	9934.00	90.06	180.60	N/A	-3856.79	175.71	6640.42	3859.13	94.00	0.59	-0.06	0.59
	10029.00	90.15	181.48	N/A	-3951.77	173.98	6640.25	3954.07	95.00	0.93	0.09	0.93
	10123.00	90.22	182.17	N/A	-4045.72	170.99	6639.95	4047.96	94.00	0.74	0.07	0.73
	10218.00	90.34	182.08	N/A	-4140.65	167.47	6639.48	4142.83	95.00	0.16	0.13	-0.09
	10313.00	90.25	180.89	N/A	-4235.62	165.01	6638.99	4237.74	95.00	1.26	-0.09	-1.25
	10407.00	90.28	180.16	N/A	-4329.61	164.14	6638.56	4331.71	94.00	0.78	0.03	-0.78
	10502.00	90.25	179.57	N/A	-4424.61	164.37	6638.12	4426.70	95.00	0.62	-0.03	-0.62
	10596.00	90.22	178.11	N/A	-4518.59	166.27	6637.73	4520.69	94.00	1.55	-0.03	-1.55
	10691.00	90.31	177.54	N/A	-4613.52	169.88	6637.29	4615.67	95.00	0.61	0.09	-0.60
	10786.00	90.40	177.67	N/A	-4708.43	173.85	6636.70	4710.64	95.00	0.17	0.09	0.14
	10880.00	90.37	177.35	N/A	-4802.34	177.93	6636.07	4804.60	94.00	0.34	-0.03	-0.34
	10975.00	90.34	177.16	N/A	-4897.23	182.48	6635.48	4899.55	95.00	0.20	-0.03	-0.20
	11070.00	90.28	177.77	N/A	-4992.14	186.68	6634.97	4994.51	95.00	0.65	-0.06	0.64
	11164.00	90.37	178.71	N/A	-5086.09	189.57	6634.44	5088.50	94.00	1.00	0.10	1.00
	11259.00	90.22	178.30	N/A	-5181.06	192.05	6633.95	5183.49	95.00	0.46	-0.16	-0.43
	11353.00	90.34	178.32	N/A	-5275.01	194.82	6633.49	5277.48	94.00	0.13	0.13	0.02
	11448.00	90.22	179.17	N/A	-5369.99	196.90	6633.02	5372.48	95.00	0.90	-0.13	0.89
	11543.00	90.31	181.39	N/A	-5464.98	196.44	6632.59	5467.45	95.00	2.34	0.09	2.34
	11637.00	90.31	182.04	N/A	-5559.94	193.65	6632.08	5564.35	94.00	0.66	0.00	0.66

	11637.00	90.31	182.01	N/A	-3358.94	193.65	6632.08	5561.35	94.00	0.66	0.00	0.66
	11732.00	90.40	182.76	N/A	-5653.85	189.69	6631.49	5656.19	95.00	0.80	0.09	0.79
	11826.00	90.37	183.19	N/A	-5747.72	184.82	6630.86	5749.97	94.00	0.46	-0.03	0.46
	11921.00	90.34	182.76	N/A	-5842.59	179.89	6630.27	5844.74	95.00	0.45	-0.03	-0.45
	12016.00	90.43	182.56	N/A	-5937.49	175.48	6629.63	5939.56	95.00	0.23	0.09	-0.21
	12111.00	90.28	182.09	N/A	-6032.41	171.62	6629.04	6034.40	95.00	0.52	-0.16	-0.49
	12205.00	90.37	183.08	N/A	-6126.31	167.38	6628.51	6128.22	94.00	1.06	0.10	1.05
	12300.00	90.25	181.98	N/A	-6221.22	163.19	6627.99	6223.04	95.00	1.16	-0.13	-1.16
	12394.00	90.37	180.56	N/A	-6315.19	161.11	6627.48	6316.97	94.00	1.52	0.13	-1.51
	12489.00	90.40	180.00	N/A	-6410.19	160.64	6626.85	6411.95	95.00	0.59	0.03	-0.59
	12583.00	90.31	180.14	N/A	-6504.18	160.53	6626.26	6505.93	94.00	0.18	-0.10	0.15
	12678.00	90.28	179.95	N/A	-6599.18	160.45	6625.77	6600.92	95.00	0.20	-0.03	-0.20
	12772.00	90.31	179.61	N/A	-6693.18	160.81	6625.29	6694.91	94.00	0.36	0.03	-0.36
	12867.00	90.22	179.64	N/A	-6788.18	161.44	6624.85	6789.90	95.00	0.10	-0.09	0.03
	12961.00	90.28	179.56	N/A	-6882.17	162.09	6624.44	6883.90	94.00	0.11	0.06	-0.09
	13056.00	90.28	180.87	N/A	-6977.17	161.74	6623.98	6978.88	95.00	1.38	0.00	1.38
	13150.00	90.31	179.99	N/A	-7071.16	161.03	6623.49	7072.85	94.00	0.94	0.03	-0.94
	13245.00	90.28	179.96	N/A	-7166.16	161.07	6623.00	7167.83	95.00	0.04	-0.03	-0.03
	13340.00	90.37	179.65	N/A	-7261.16	161.39	6622.47	7262.82	95.00	0.34	0.09	-0.33
	13434.00	90.34	181.22	N/A	-7355.15	160.68	6621.88	7356.79	94.00	1.67	-0.03	1.67
	13529.00	90.31	181.68	N/A	-7450.12	158.28	6621.34	7451.71	95.00	0.49	-0.03	0.48
	13623.00	90.34	182.97	N/A	-7544.04	154.46	6620.81	7545.55	94.00	1.37	0.03	1.37
	13718.00	90.31	181.53	N/A	-7638.96	150.73	6620.27	7640.40	95.00	1.52	-0.03	-1.52
	13812.00	90.37	179.73	N/A	-7732.95	149.70	6619.71	7734.36	94.00	1.92	0.06	-1.91
	13907.00	90.18	178.56	N/A	-7827.94	151.12	6619.26	7829.36	95.00	1.25	-0.20	-1.23
	14001.00	90.37	177.58	N/A	-7921.88	154.28	6618.81	7923.34	94.00	1.06	0.20	-1.04
	14096.00	90.18	177.47	N/A	-8016.79	158.39	6618.35	8018.31	95.00	0.23	-0.20	-0.12
	14191.00	90.22	177.71	N/A	-8111.71	162.38	6618.02	8113.28	95.00	0.26	0.04	0.25
	14285.00	90.34	177.73	N/A	-8205.63	166.12	6617.56	8207.25	94.00	0.13	0.13	0.02
	14380.00	90.22	178.68	N/A	-8300.58	169.10	6617.10	8302.24	95.00	1.01	-0.13	1.00
	14475.00	90.34	179.72	N/A	-8395.57	170.42	6616.63	8397.23	95.00	1.10	0.13	1.09
	14569.00	90.40	180.26	N/A	-8489.57	170.44	6616.02	8491.22	94.00	0.58	0.06	0.57
	14664.00	90.34	180.19	N/A	-8584.57	170.07	6615.41	8586.20	95.00	0.10	-0.06	-0.07
	14759.00	90.31	179.42	N/A	-8679.57	170.39	6614.87	8681.19	95.00	0.81	-0.03	-0.81
	14853.00	90.25	177.27	N/A	-8773.52	173.10	6614.41	8775.17	94.00	2.29	-0.06	-2.29
	14947.00	90.22	177.66	N/A	-8867.43	177.26	6614.03	8869.14	94.00	0.42	-0.03	0.41
	15042.00	90.22	179.57	N/A	-8962.39	179.56	6613.66	8964.13	95.00	2.01	0.00	2.01
	15136.00	90.12	180.09	N/A	-9056.39	179.84	6613.38	9058.12	94.00	0.56	-0.11	0.55
	15231.00	90.31	180.90	N/A	-9151.39	179.02	6613.03	9153.09	95.00	0.88	0.20	0.85
	15326.00	90.28	181.62	N/A	-9246.36	176.93	6612.54	9248.02	95.00	0.76	-0.03	0.76
	15420.00	90.37	182.97	N/A	-9340.28	173.16	6612.00	9341.86	94.00	1.44	0.10	1.44
	15515.00	90.31	183.33	N/A	-9435.14	167.94	6611.44	9436.62	95.00	0.38	-0.06	0.38
	15610.00	90.40	183.20	N/A	-9529.98	162.53	6610.85	9531.36	95.00	0.17	0.09	-0.14
	15704.00	90.49	182.78	N/A	-9623.85	157.63	6610.12	9625.14	94.00	0.46	0.10	-0.45
	15799.00	90.37	181.63	N/A	-9718.78	153.97	6609.41	9720.00	95.00	1.22	-0.13	-1.21
	15893.00	90.46	180.63	N/A	-9812.75	152.12	6608.73	9813.93	94.00	1.07	0.10	-1.06
	15988.00	90.22	179.49	N/A	-9907.75	152.02	6608.16	9908.91	95.00	1.23	-0.25	-1.20
	16082.00	90.37	179.28	N/A	-10001.74	153.03	6607.68	10002.91	94.00	0.27	0.16	-0.22
	16177.00	90.31	179.39	N/A	-10096.74	154.13	6607.12	10097.91	95.00	0.13	-0.06	0.12
	16272.00	90.40	179.36	N/A	-10191.73	155.17	6606.53	10192.90	95.00	0.10	0.09	-0.03
	16367.00	90.31	179.39	N/A	-10286.72	156.20	6605.94	10287.90	95.00	0.10	-0.09	0.03
Projection	16421.00	90.31	179.39	N/A	-10340.72	156.78	6605.65	10341.90	54.00	0.00	0.00	0.00