

John Moisan	2020-10-19	2020-10-24	Tien Bui	2020-10-19	2020-10-24			
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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+ (%)
2020-10-19 17:13	1	1937.00	Oil Based Mud	9.2	10	N/A	20.0	79.5/20.5	Active Pit	27000	0.00
2020-10-23 14:14	1	9850.00	Oil Based Mud	9.6	10	N/A	17.4	78/22	Active Pit	27000	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	14452345	Near Bit Inclination	5.93	6.81	7.000	4.330
1	AutoTrak Curve Steering Unit	14452345	Near Bit VSS	5.93	6.81	7.000	4.330
1	AutoTrak Curve MWD	14219781	Gamma (single)	2.75	12.98	7.000	3.250
1	AutoTrak Curve MWD	14219781	Directional (mag)	12.27	22.50	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

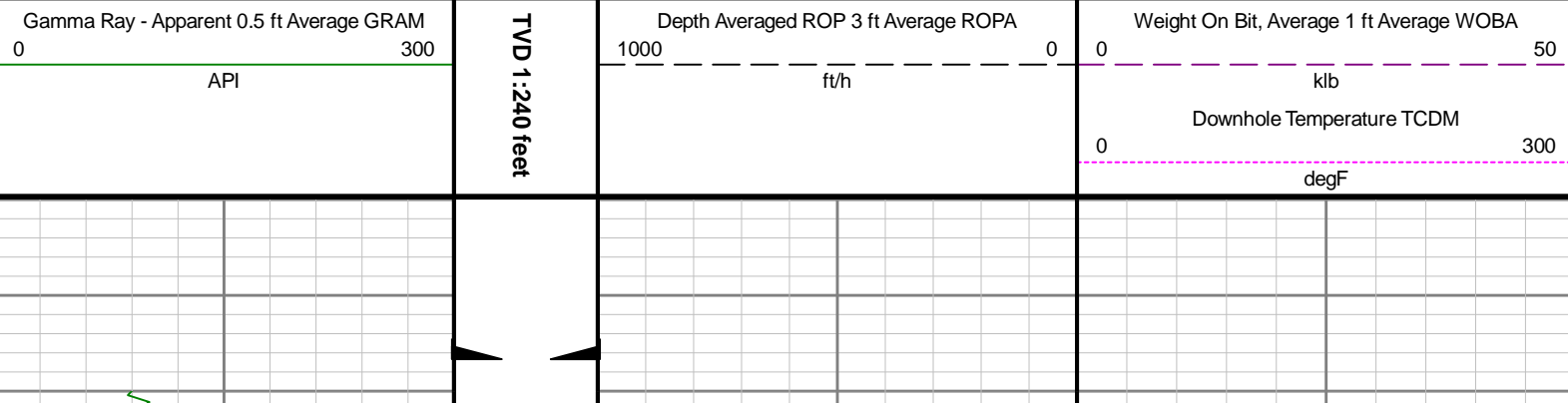
- 1 Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
- 2 Baker Hughes LWD Run 1 utilized 6 3/4 inch NaviGamma service (Gamma Ray and Directional) behind a 8 1/2 inch bit and rotary steerable assembly from 1937 to 15100 feet MD (1937 to 6847 feet TVD).
- 3 The Gamma Ray Apparent (GRAM) data is presented 0 to 300 API, per the customer's request.
- 4 Several gaps appear in the log due to drilling ahead before the assembly had time to properly power on.

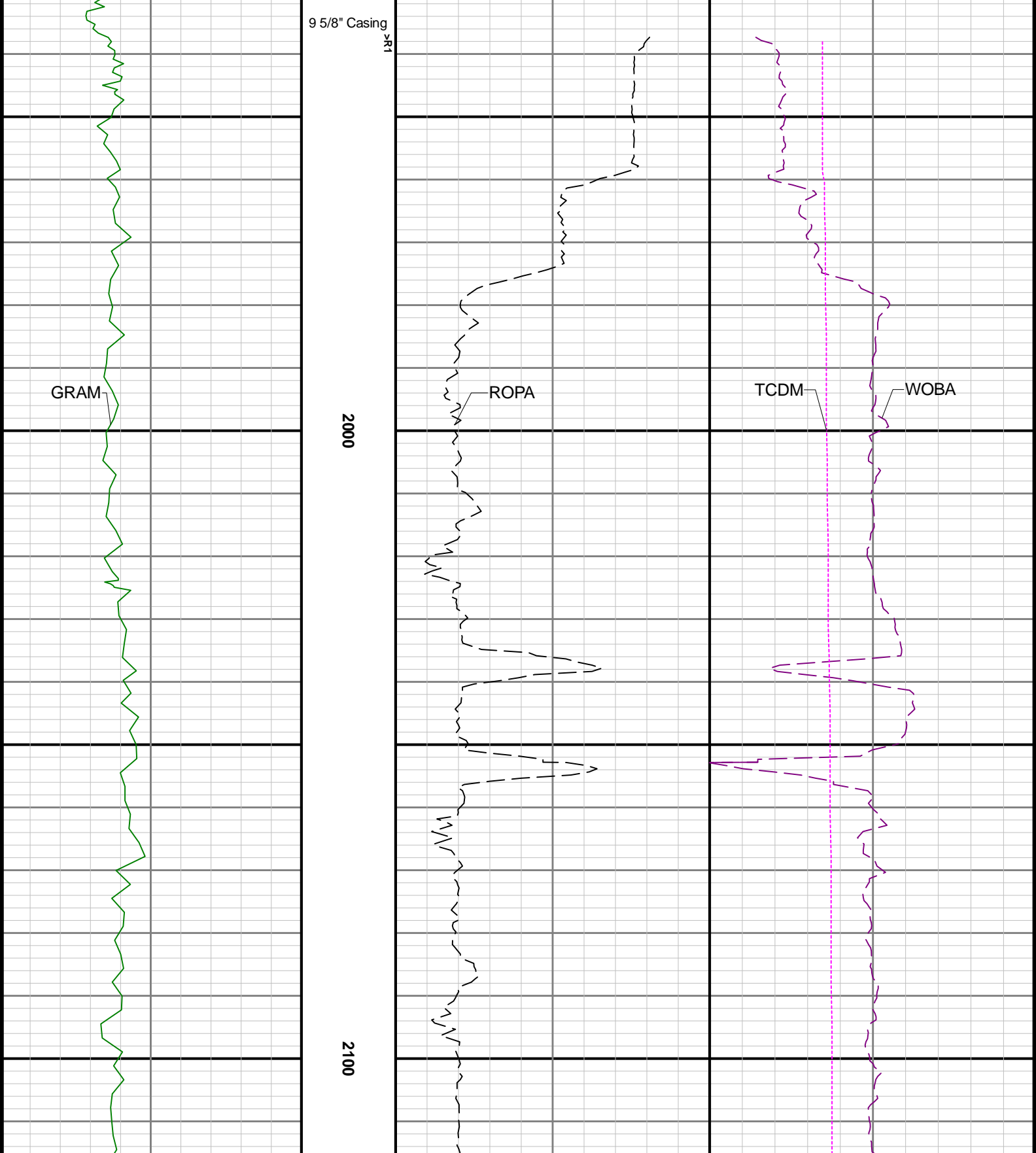
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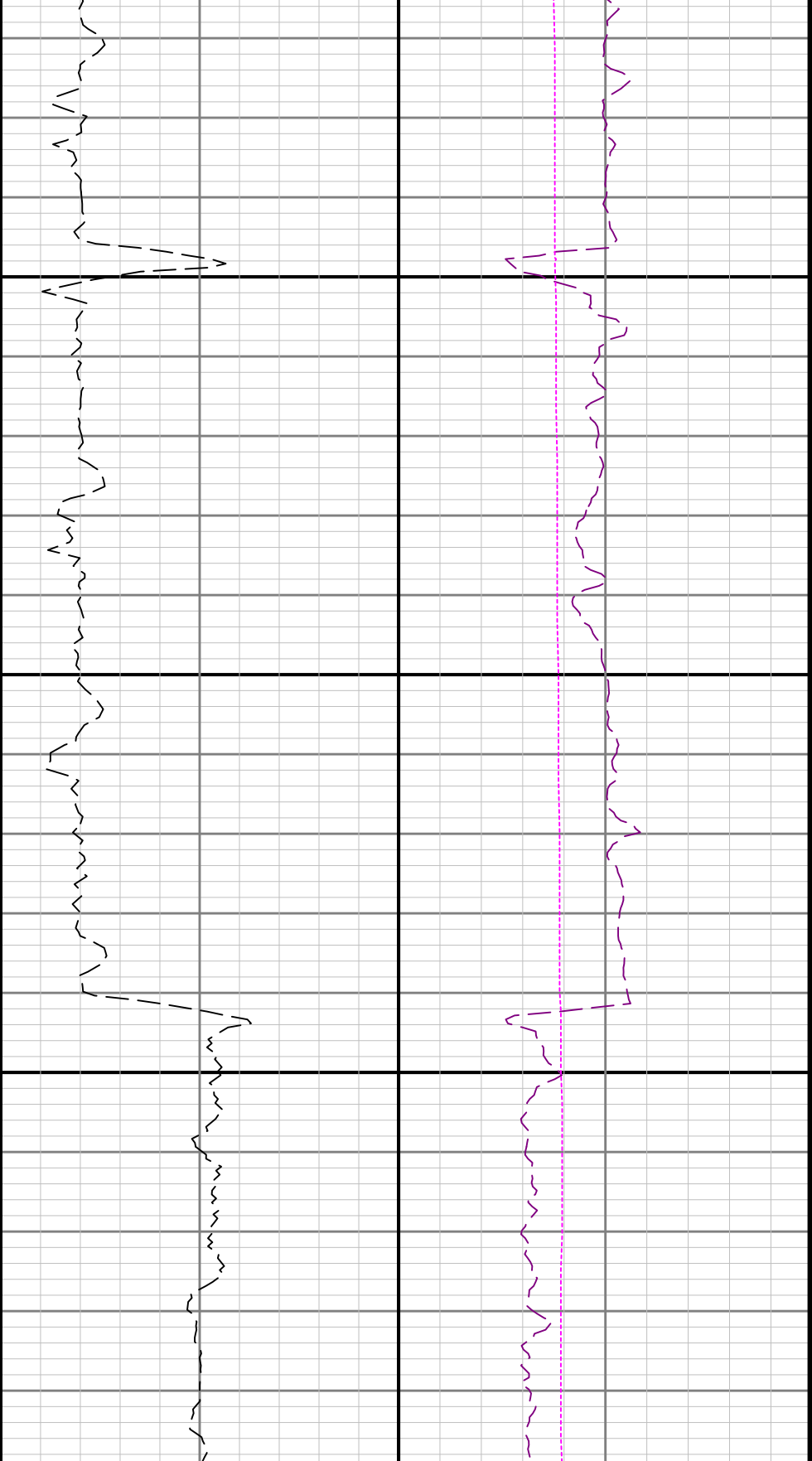
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
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Curve Mnemonics

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

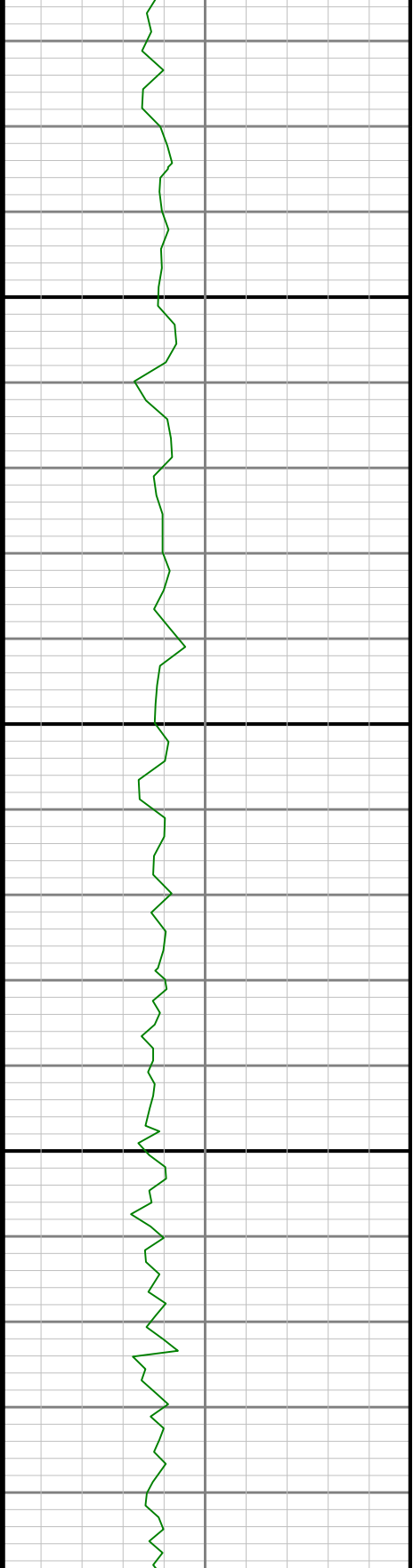


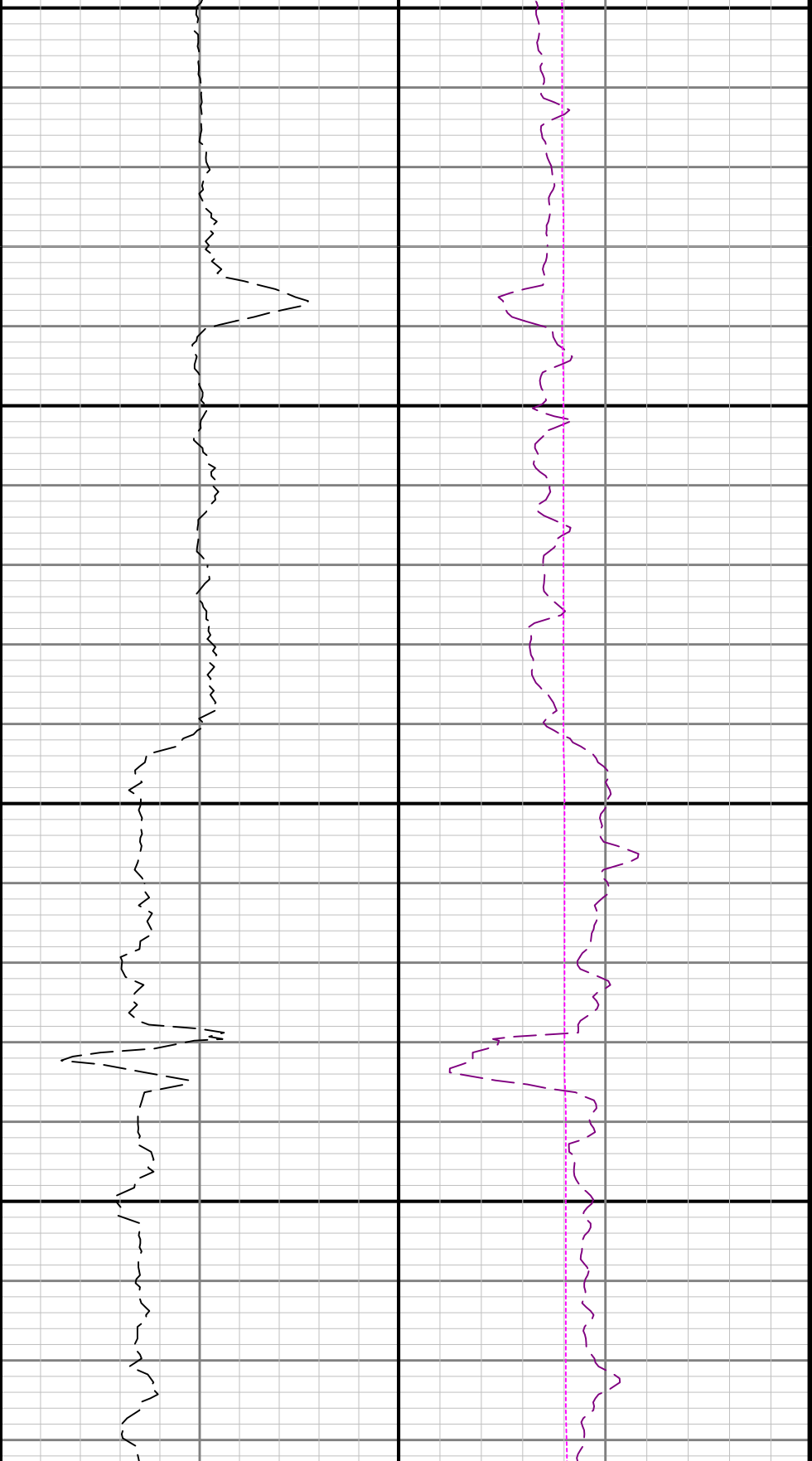




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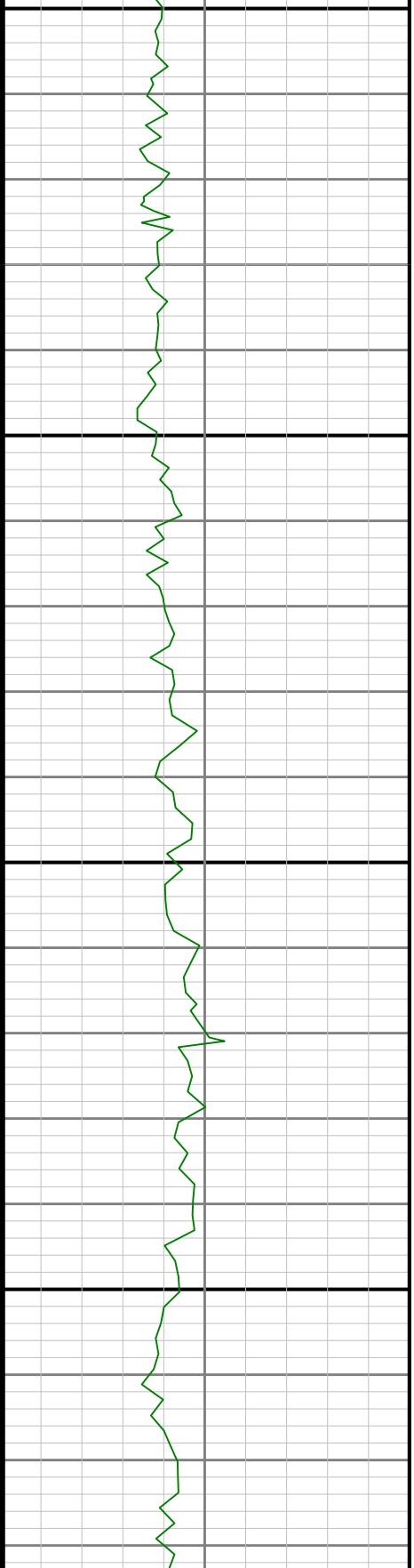
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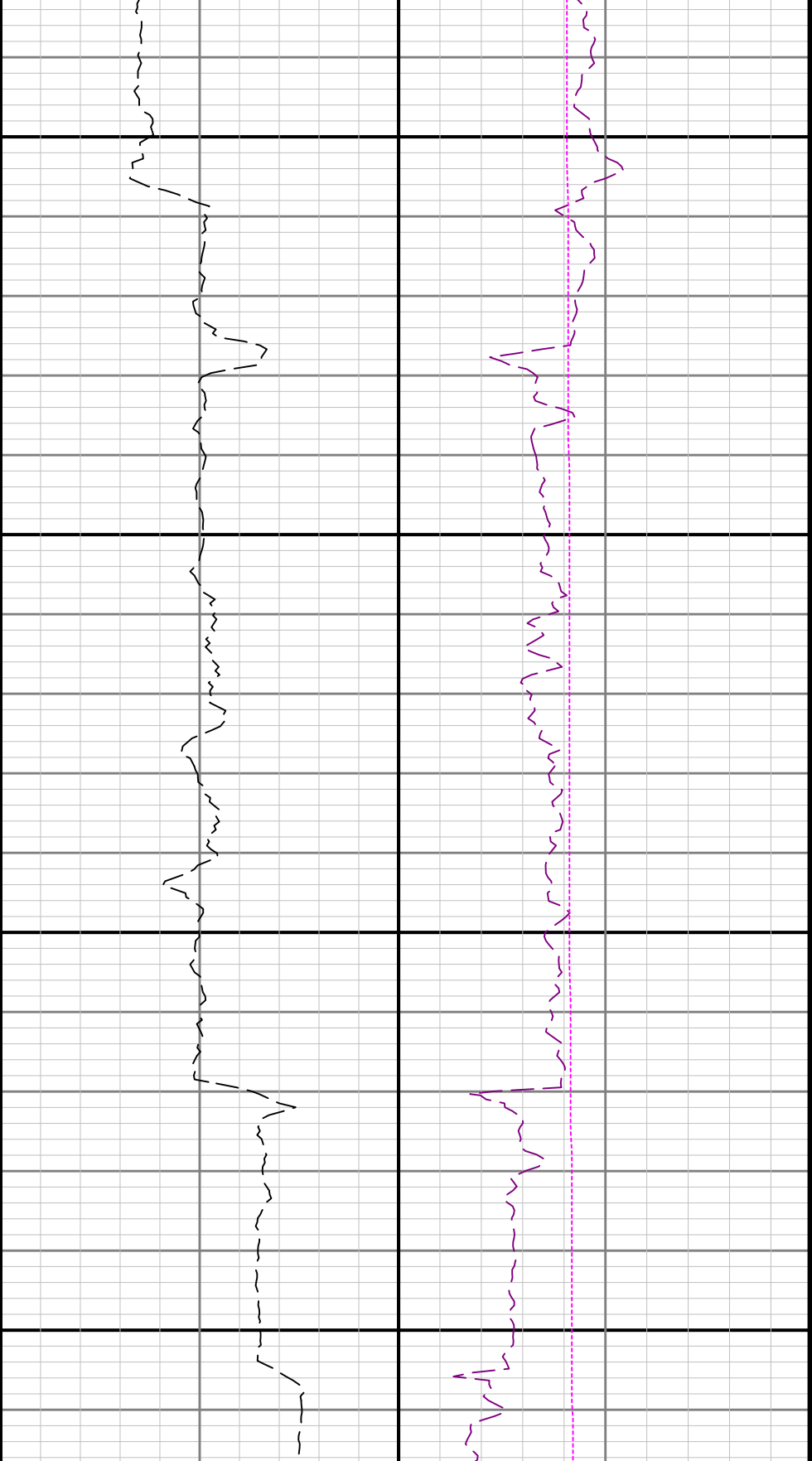




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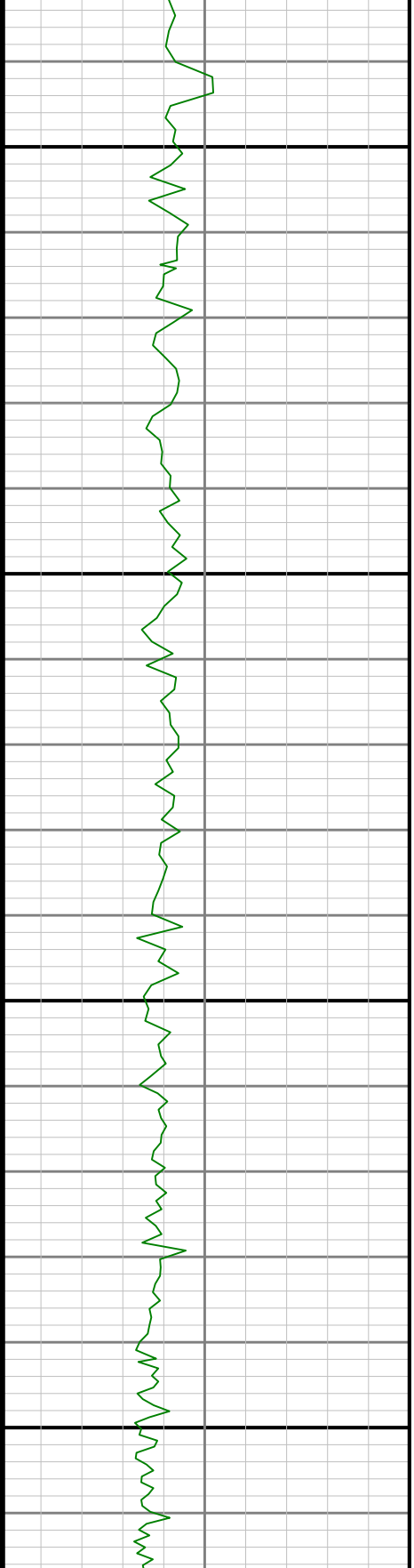
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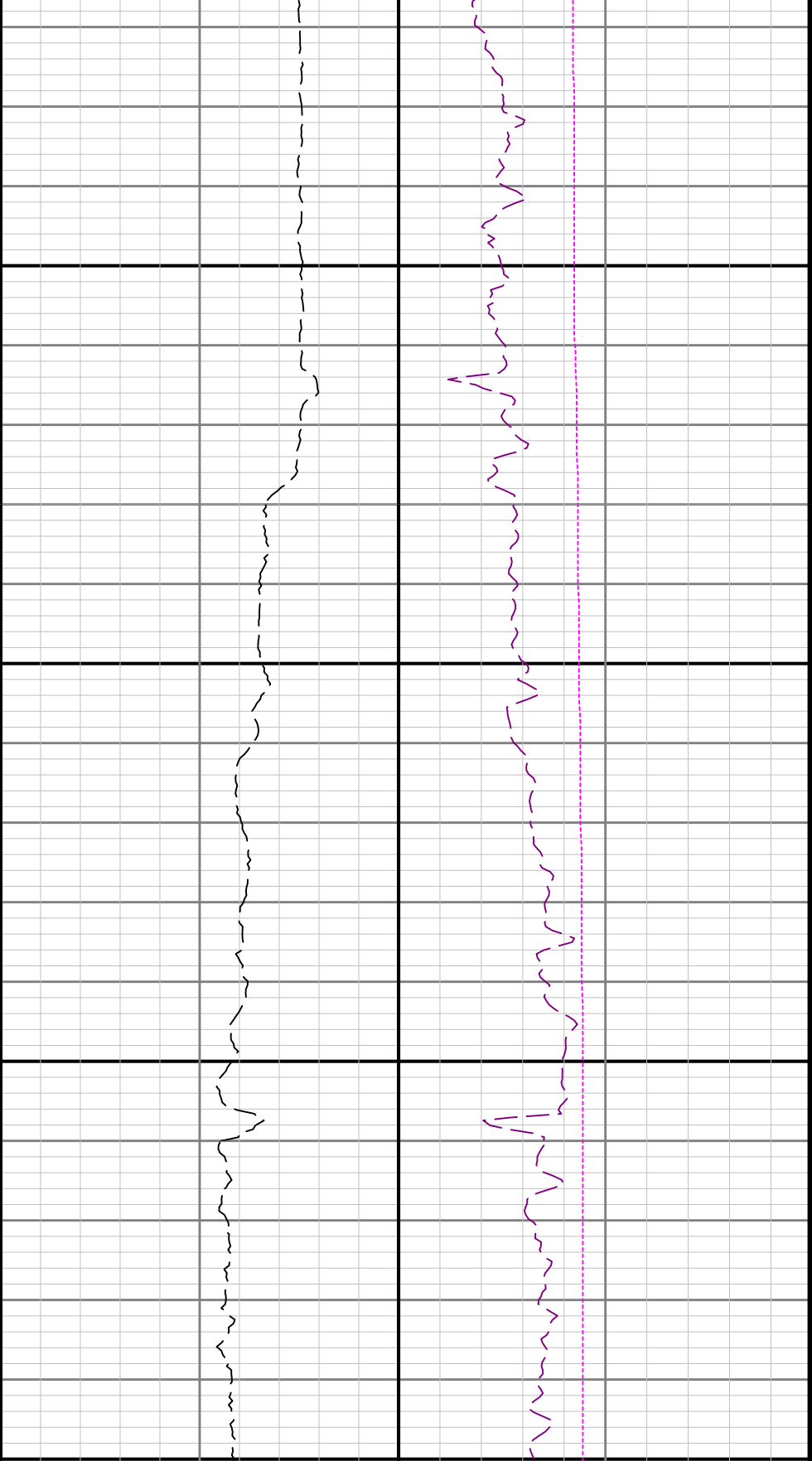




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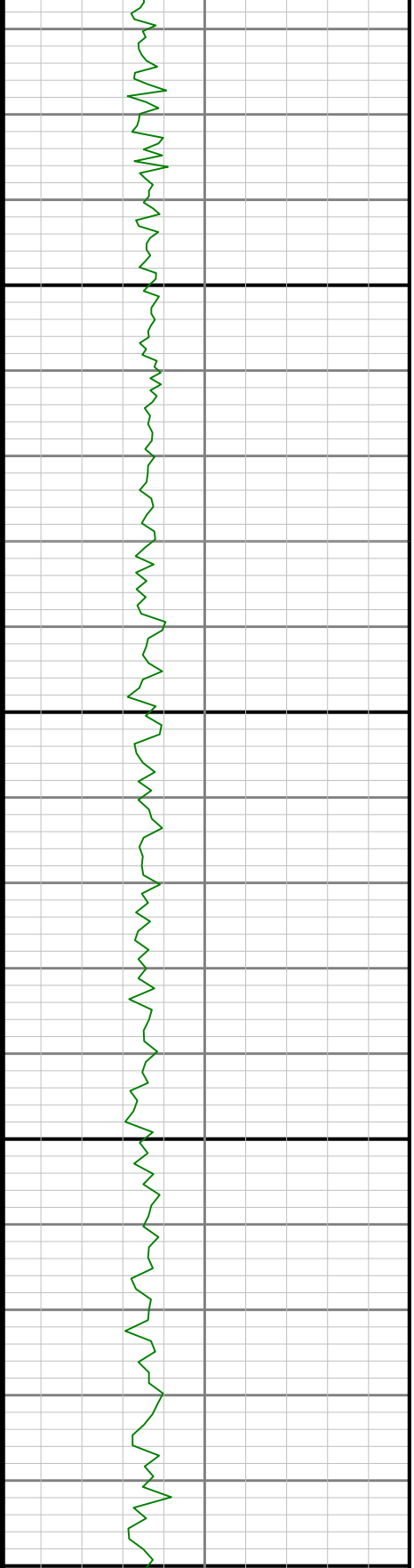
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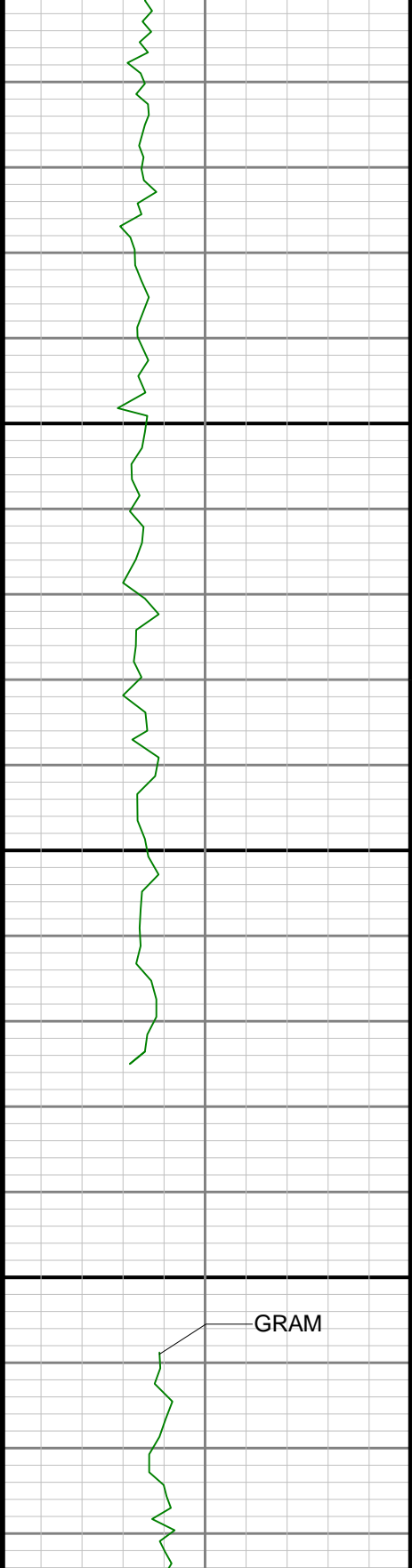




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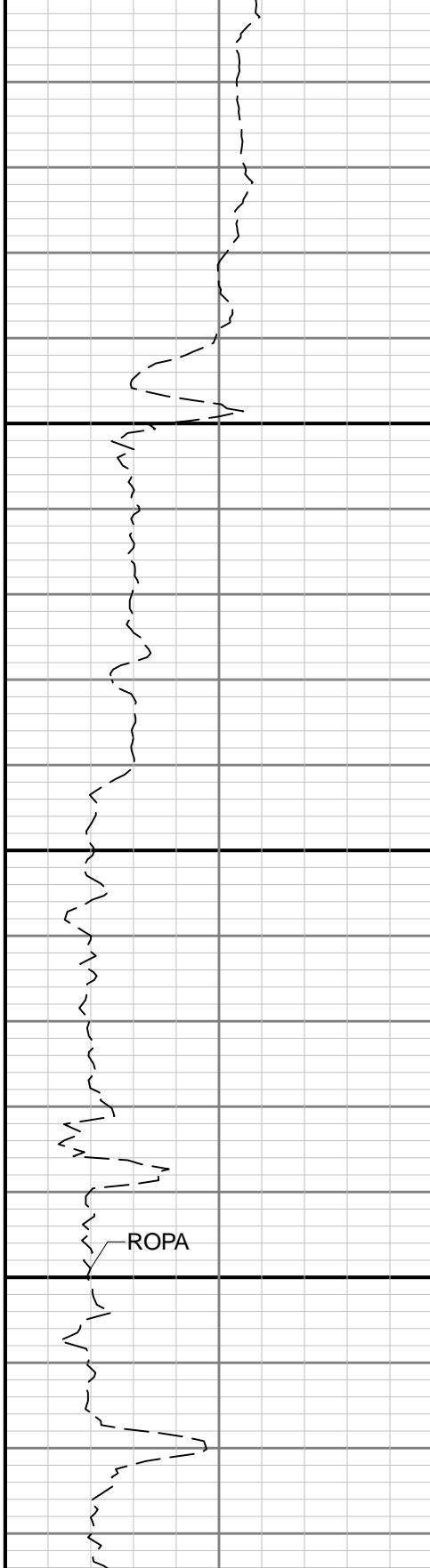
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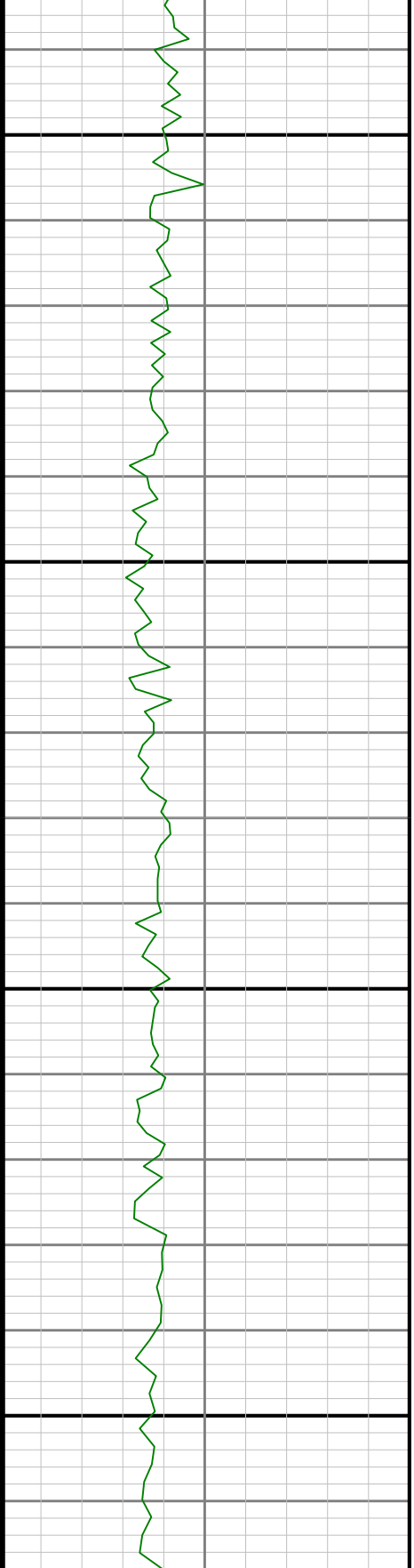
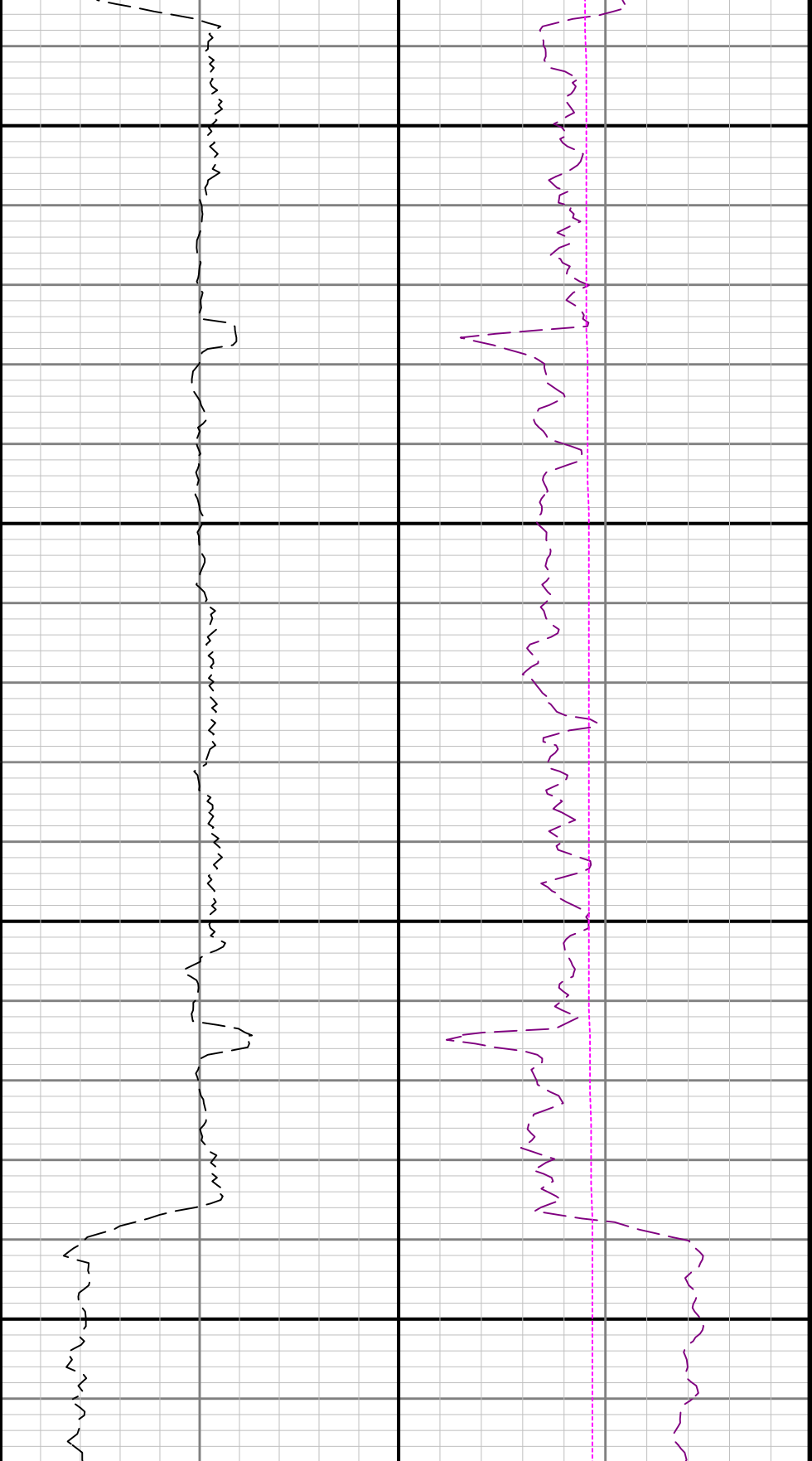


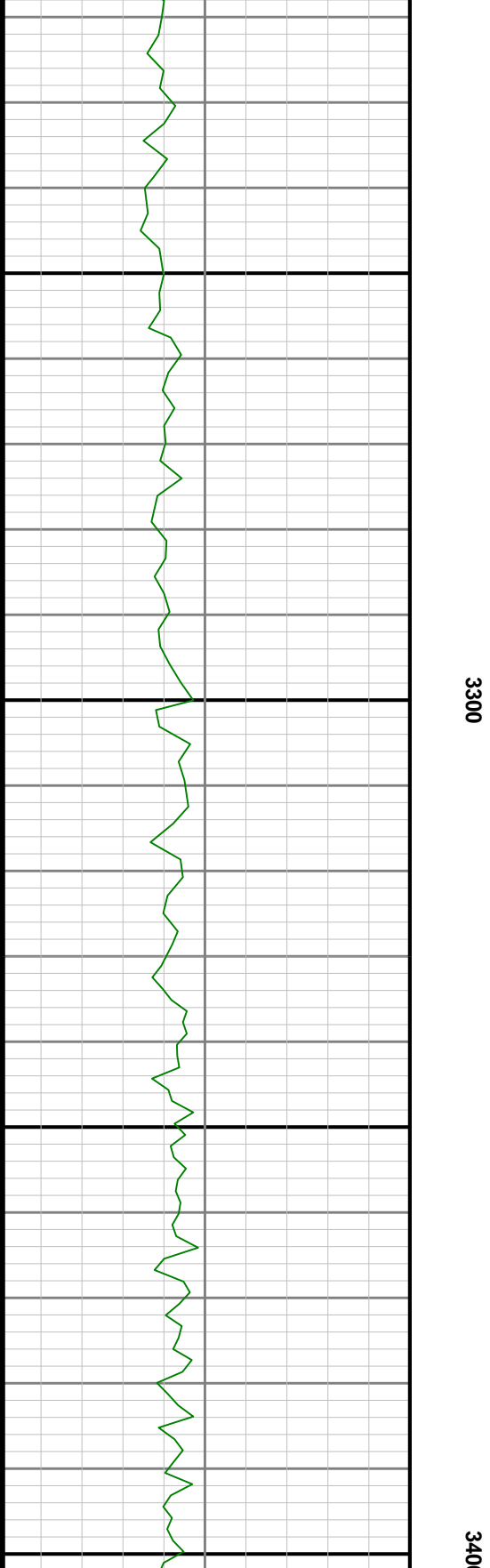
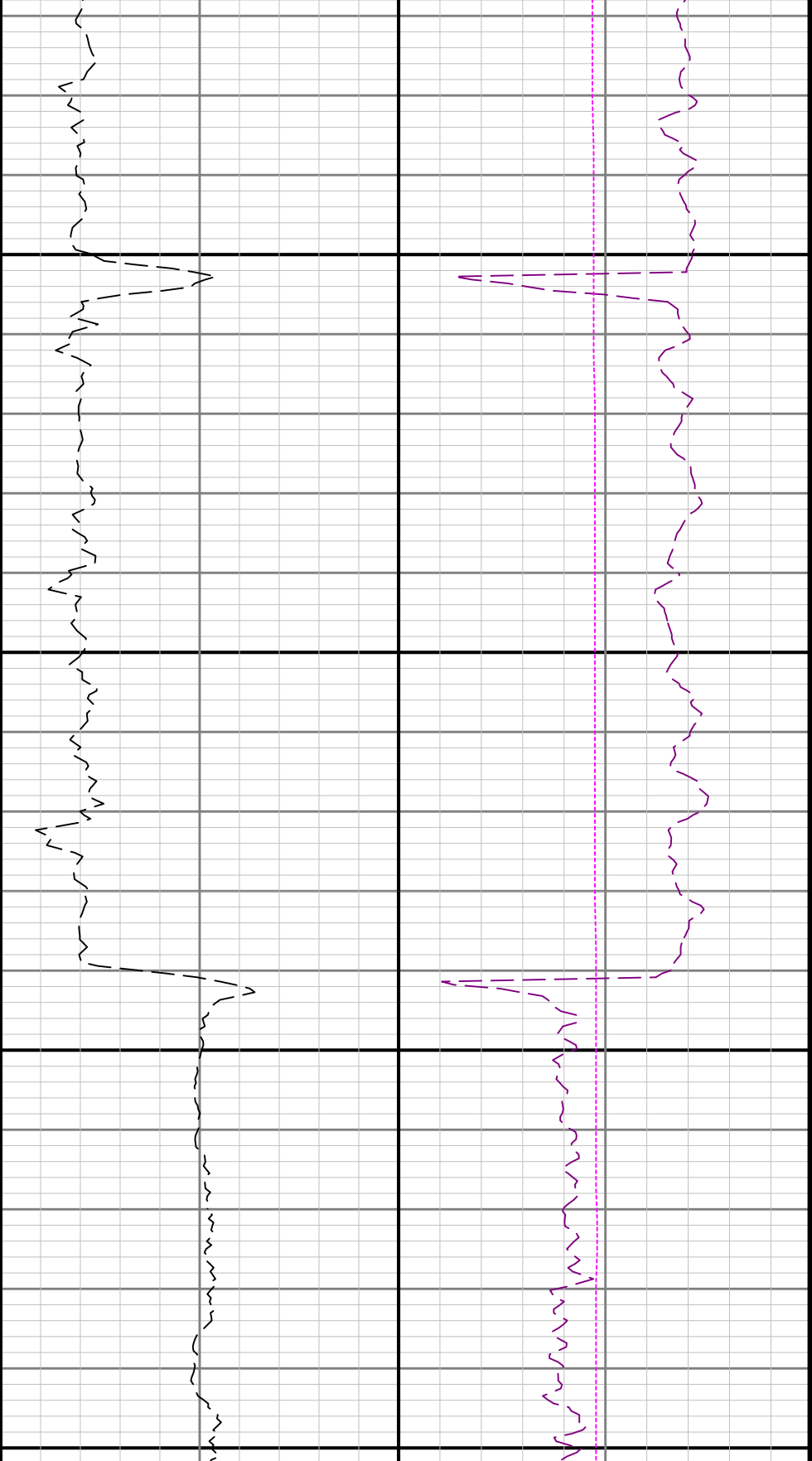


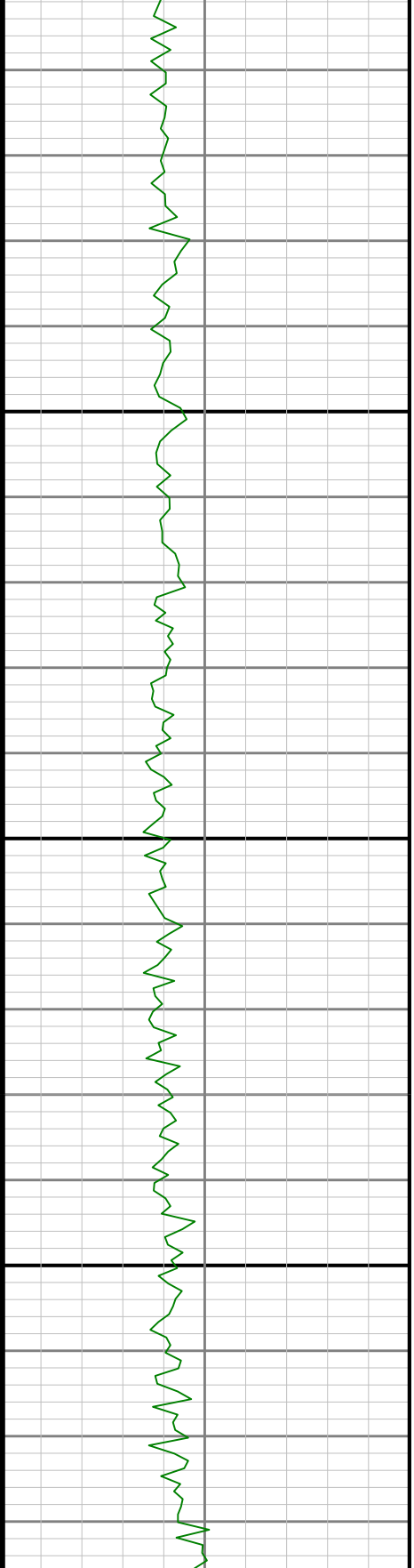
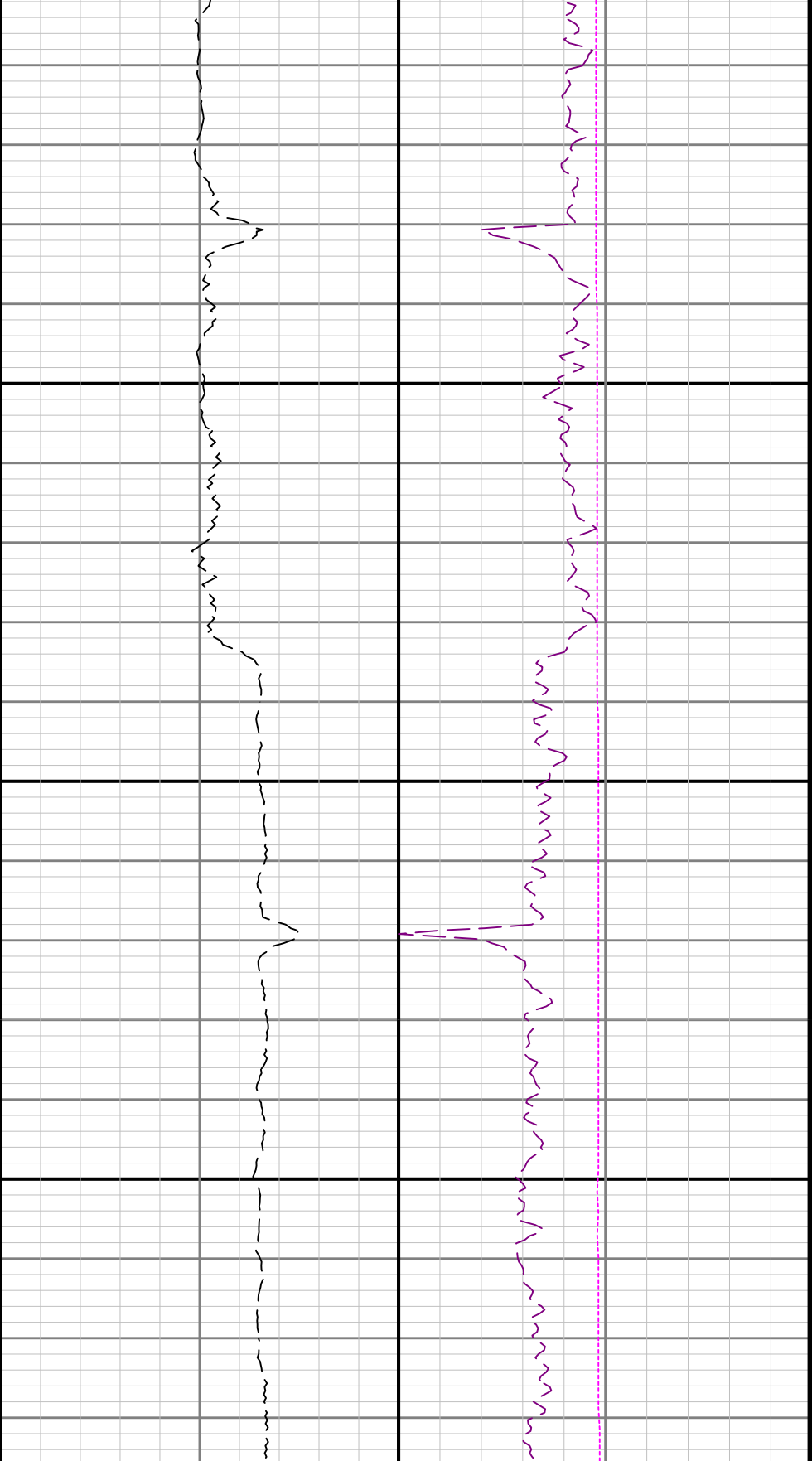
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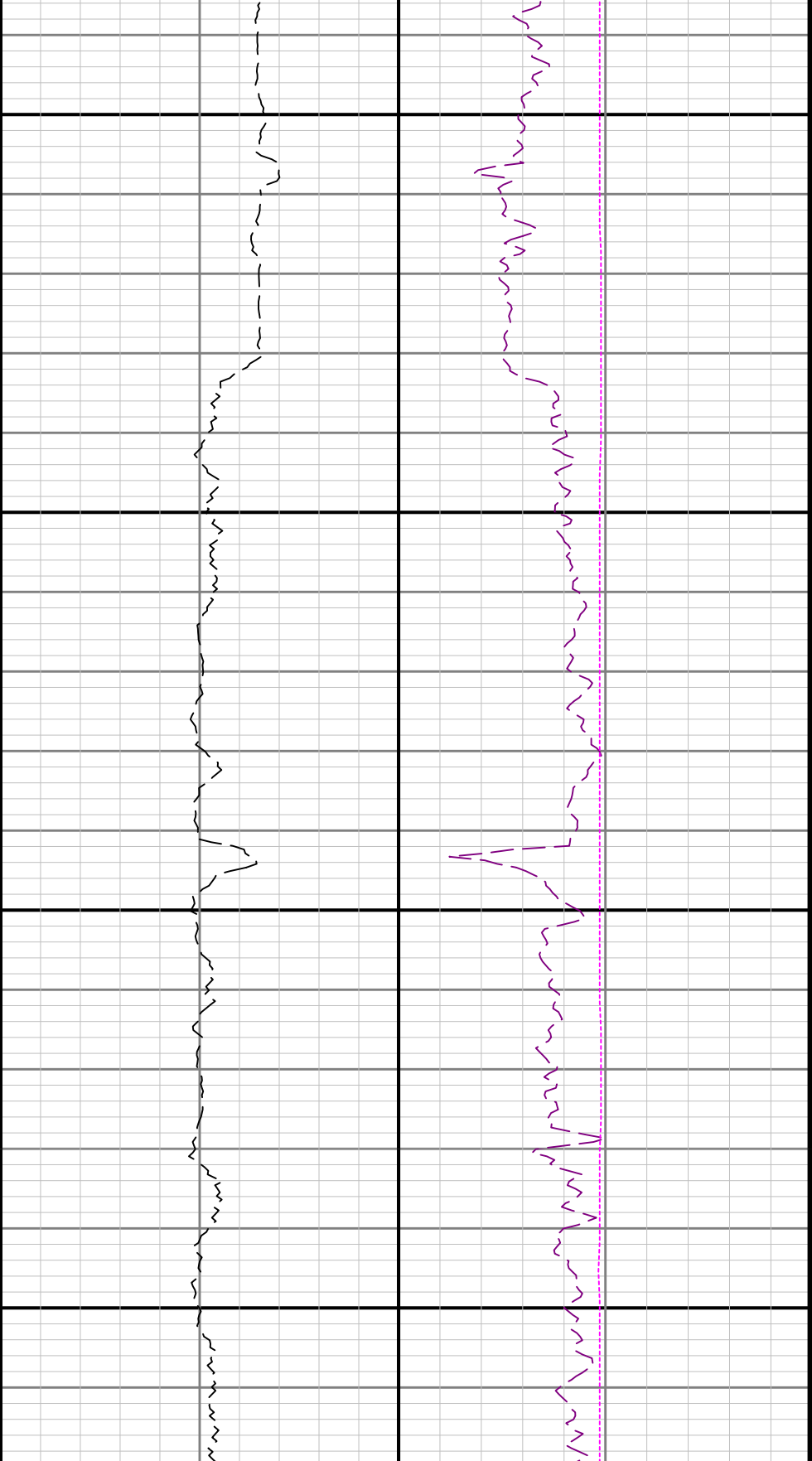
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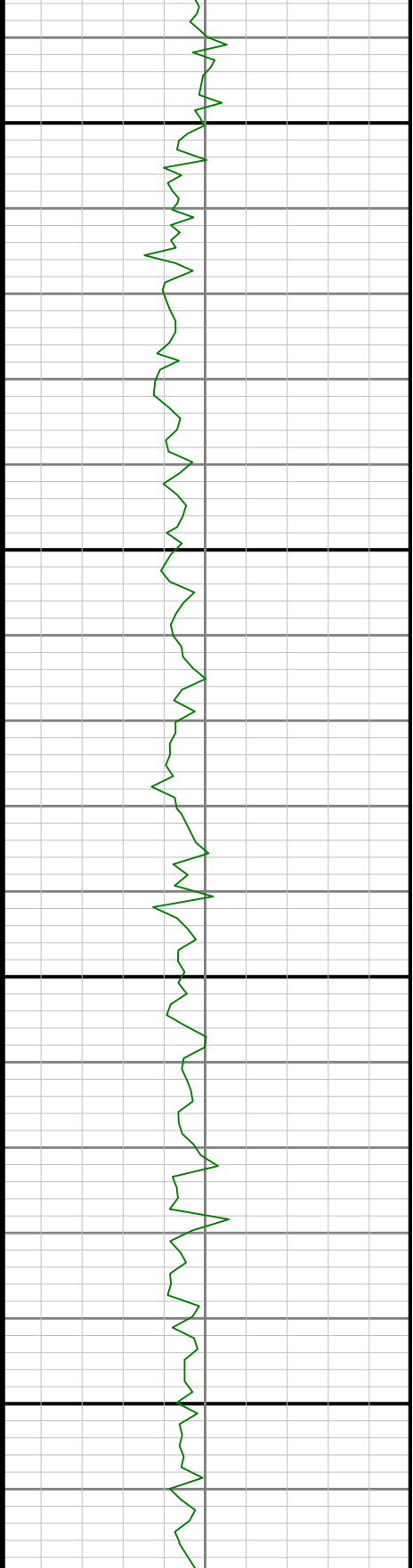


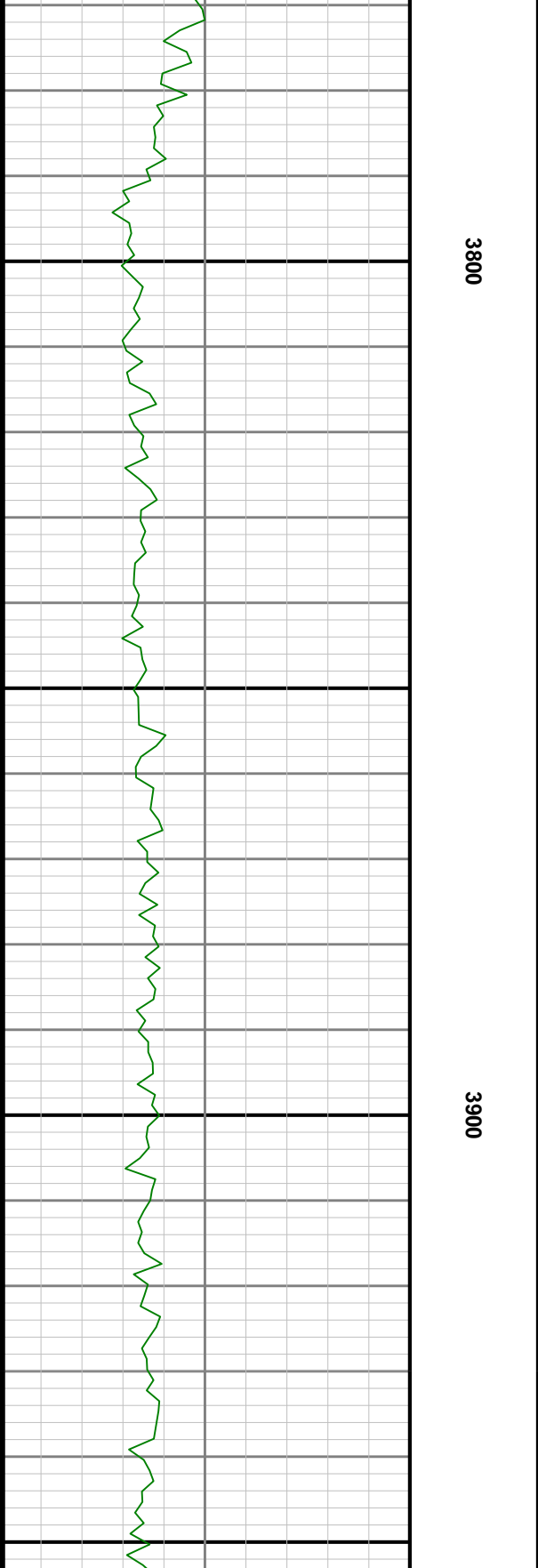
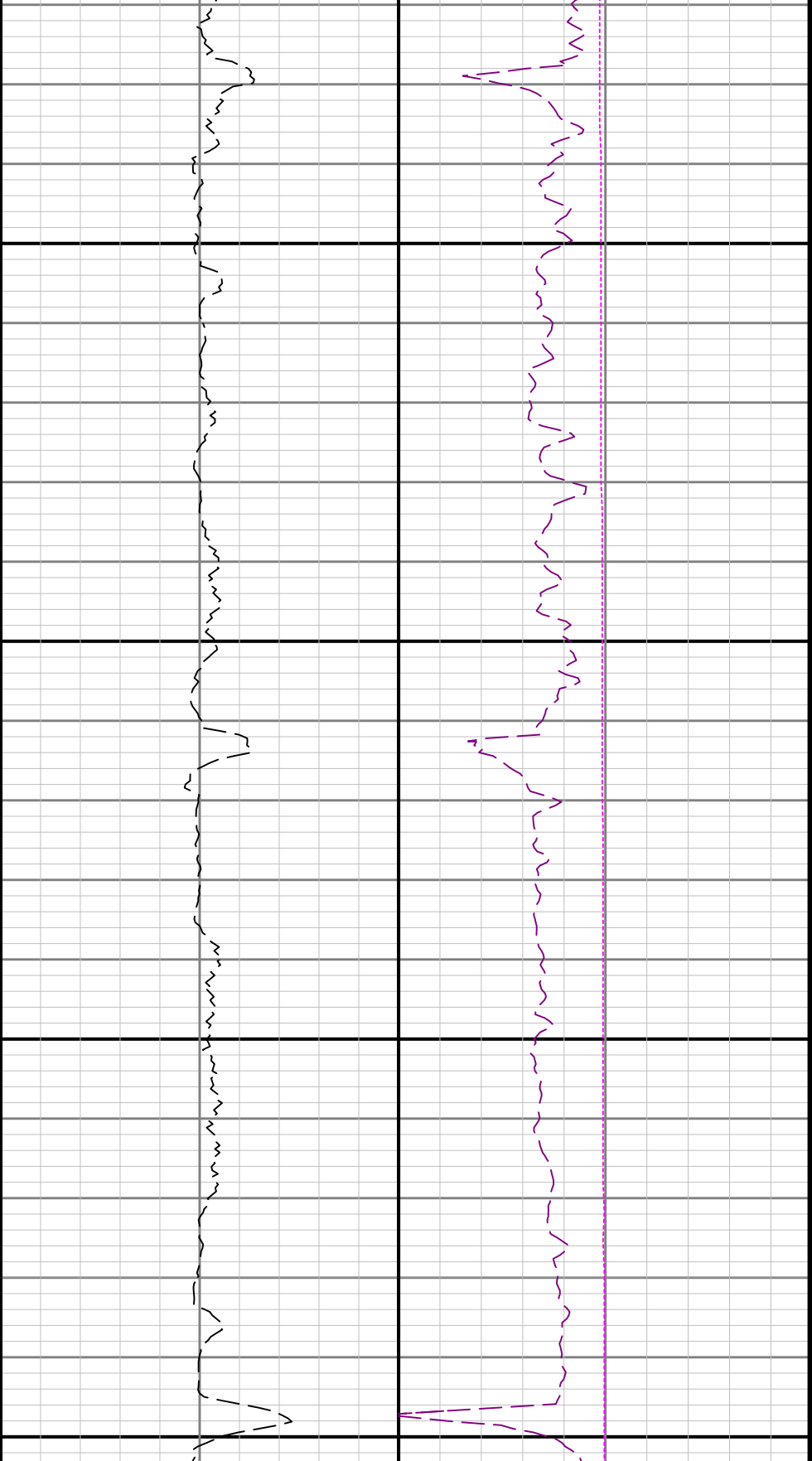


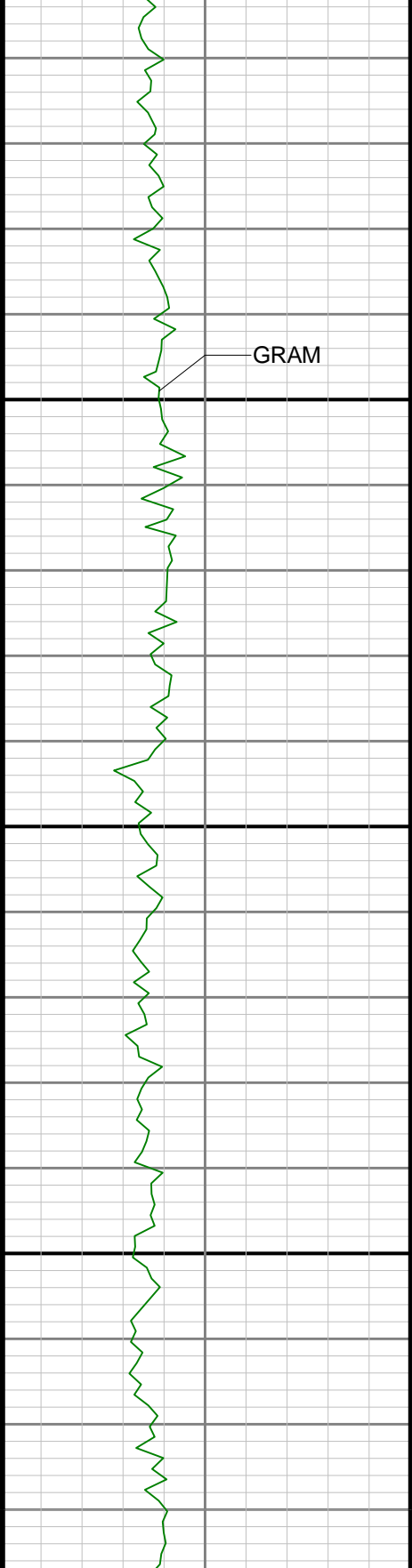


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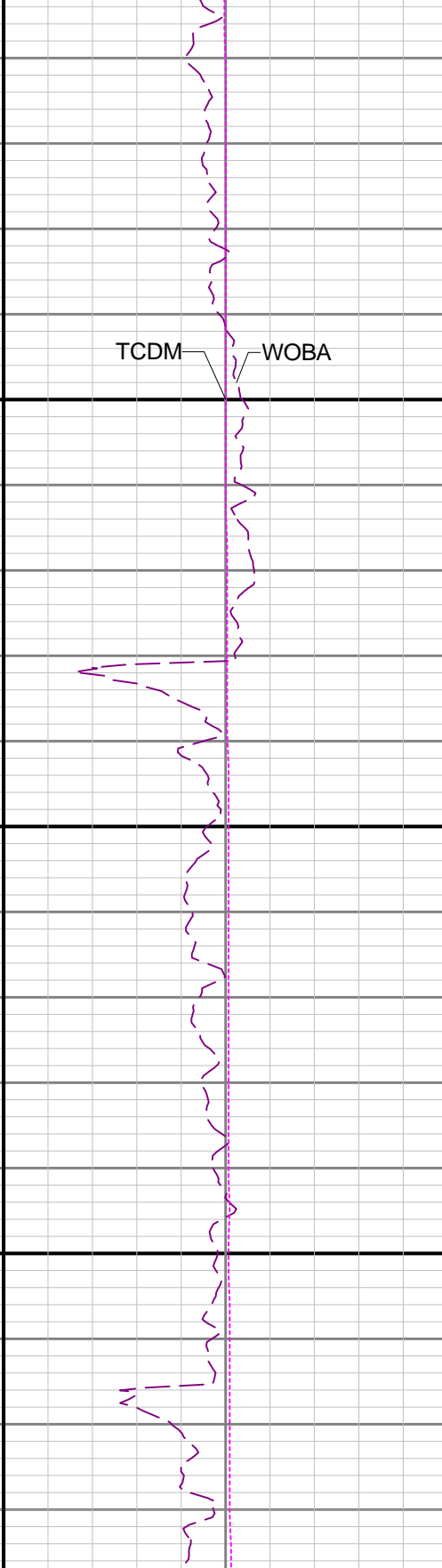
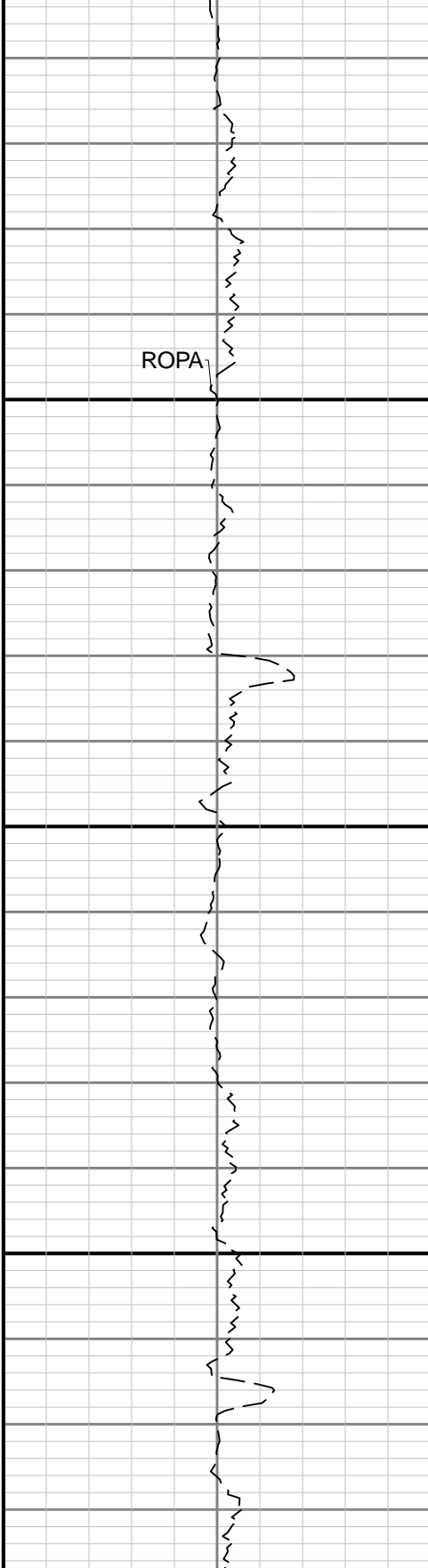






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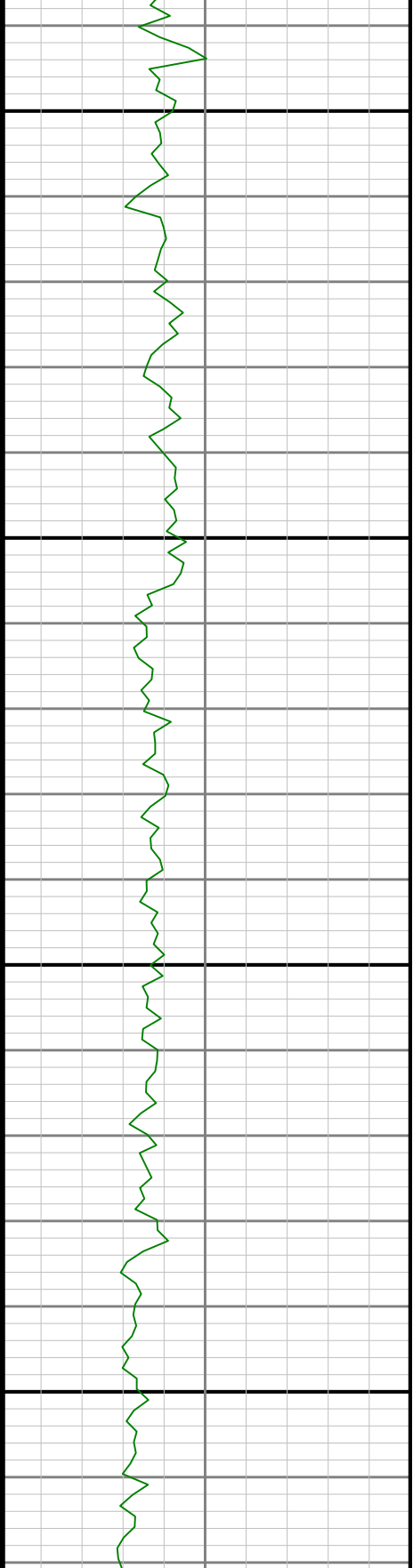
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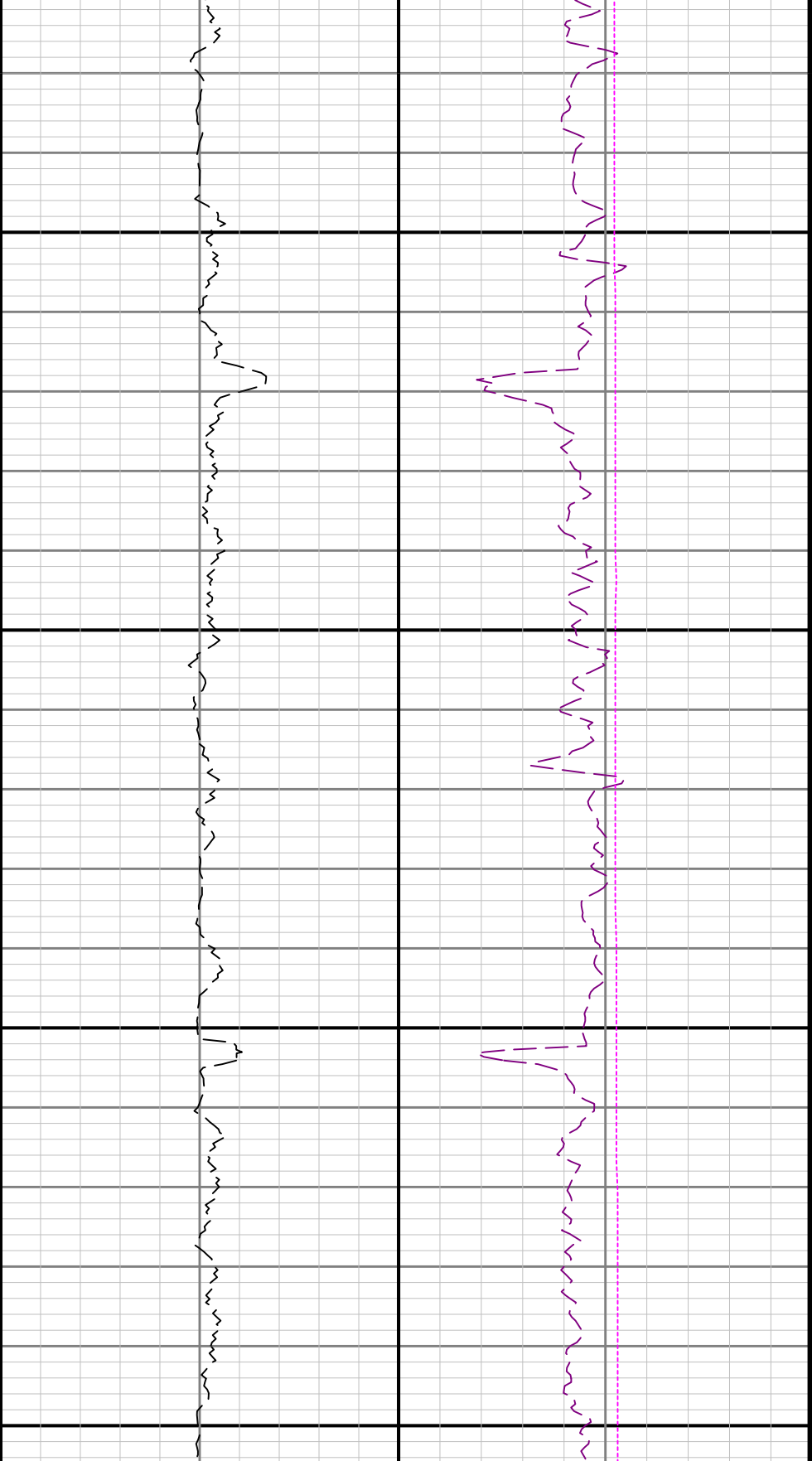




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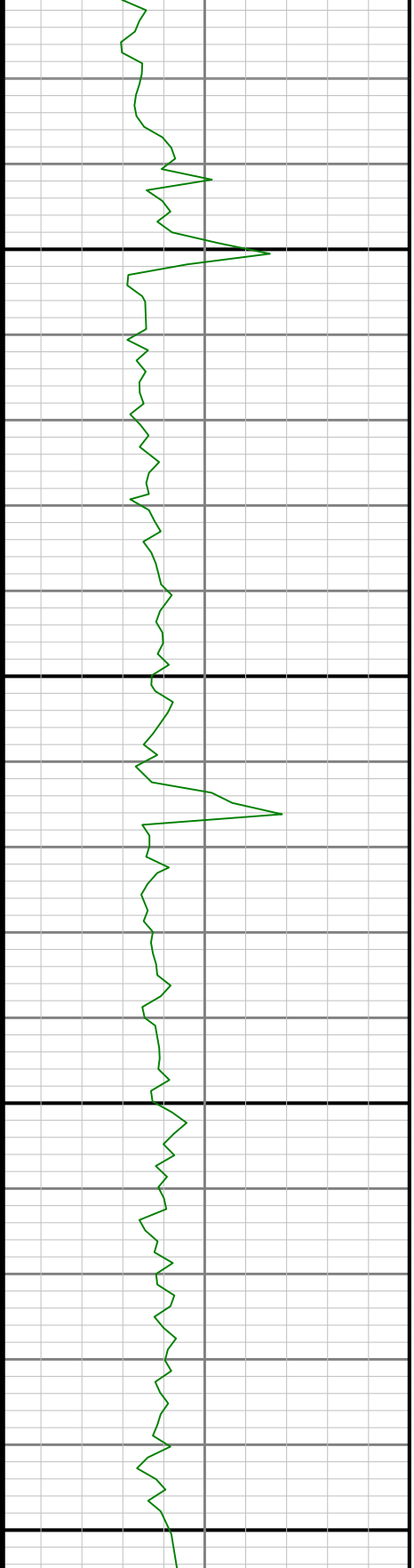
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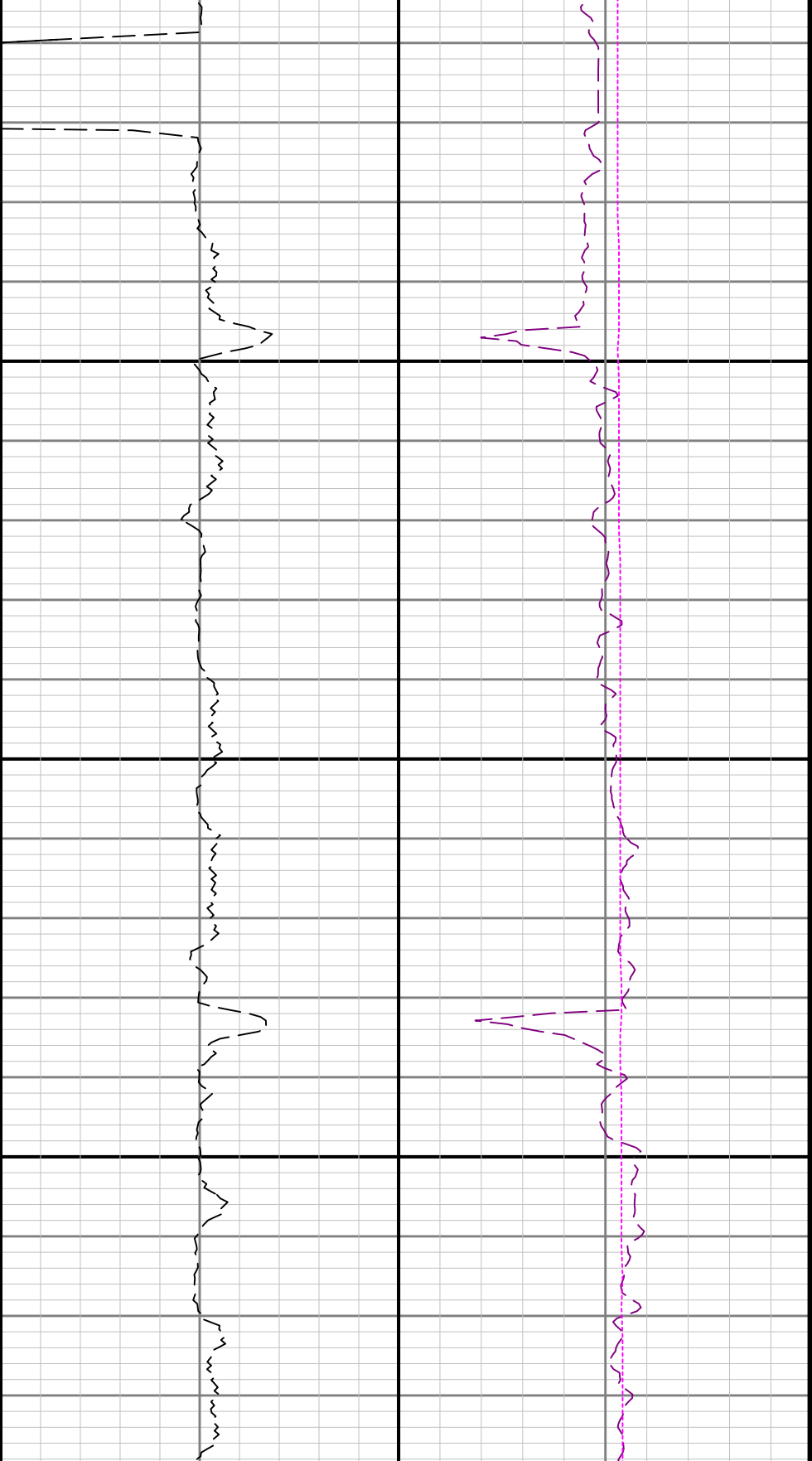




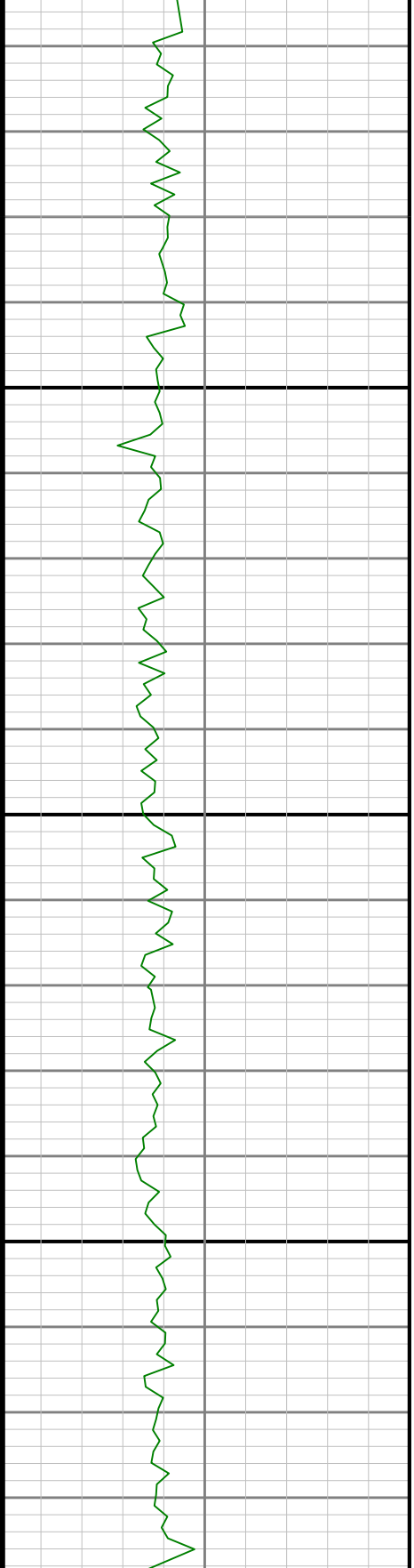
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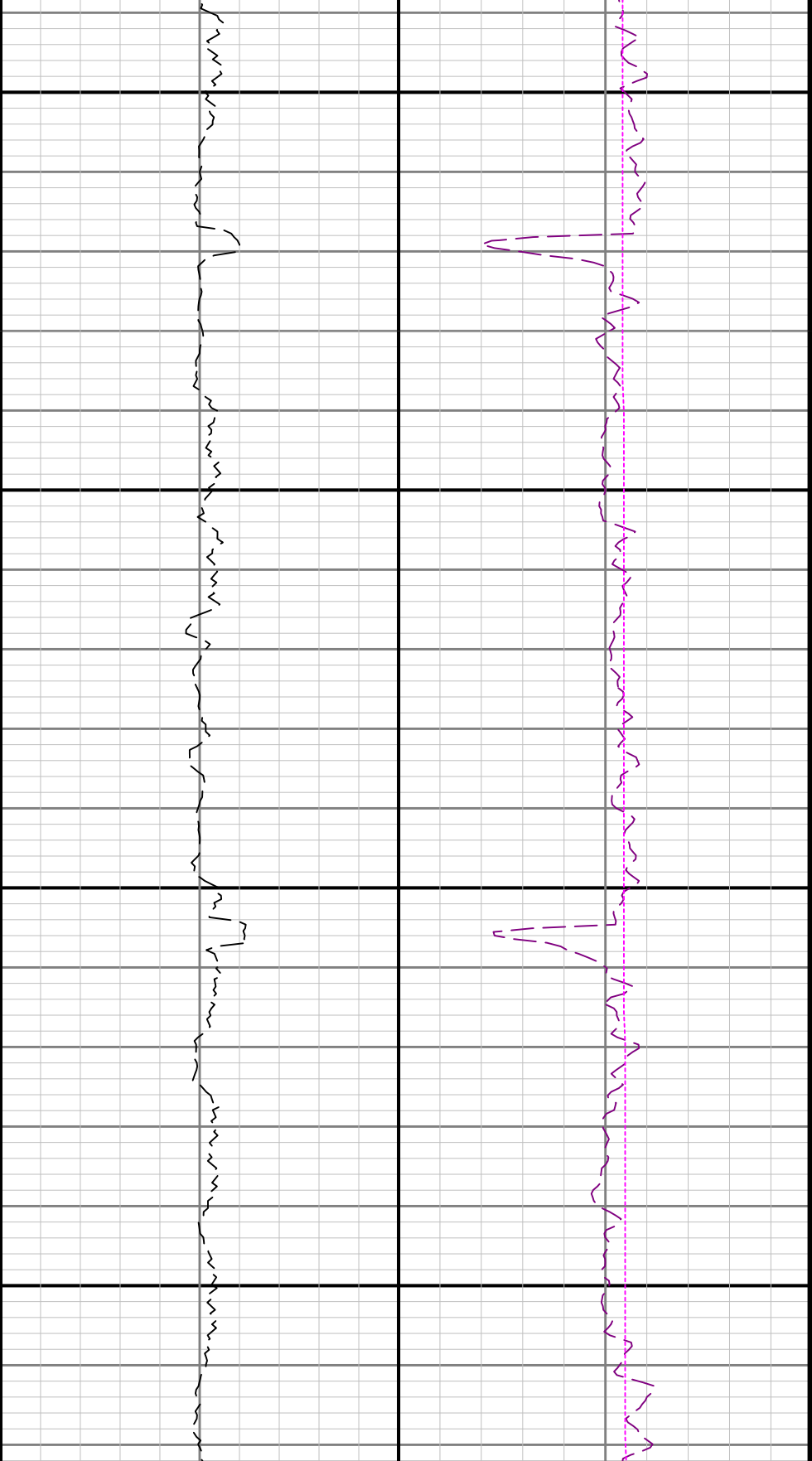
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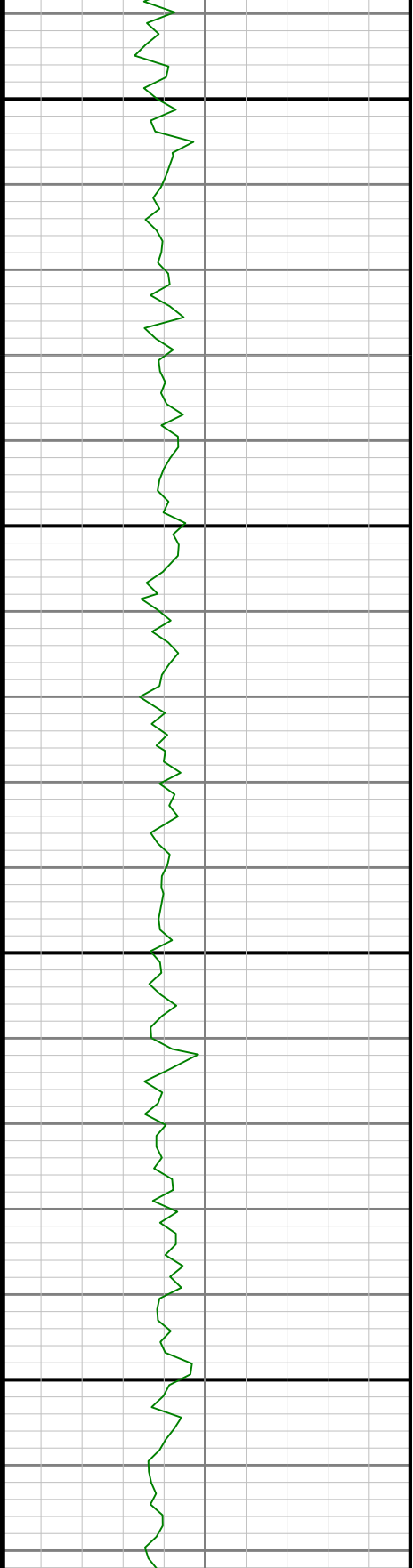
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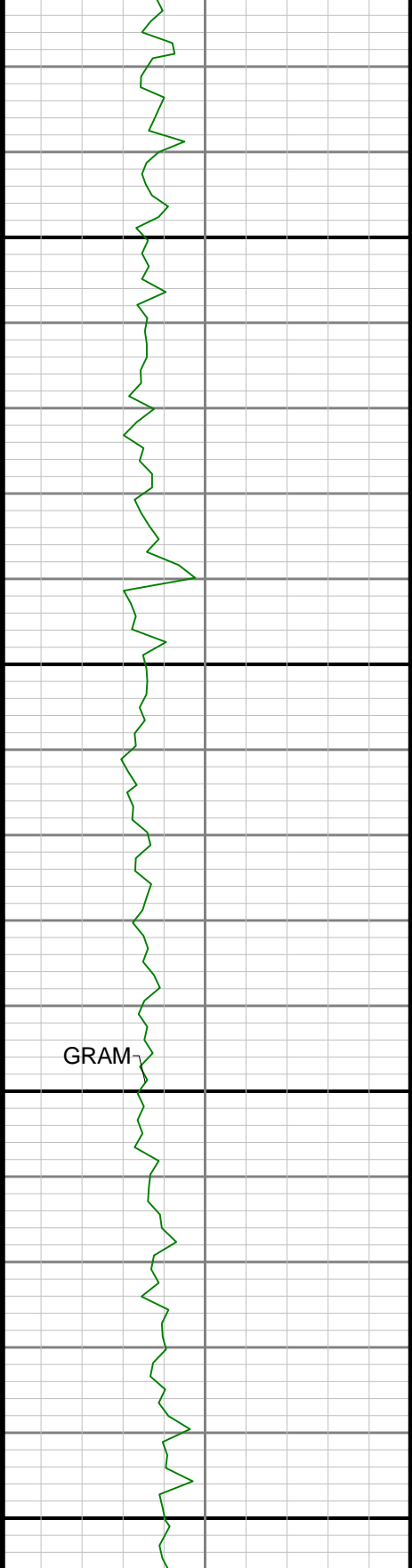




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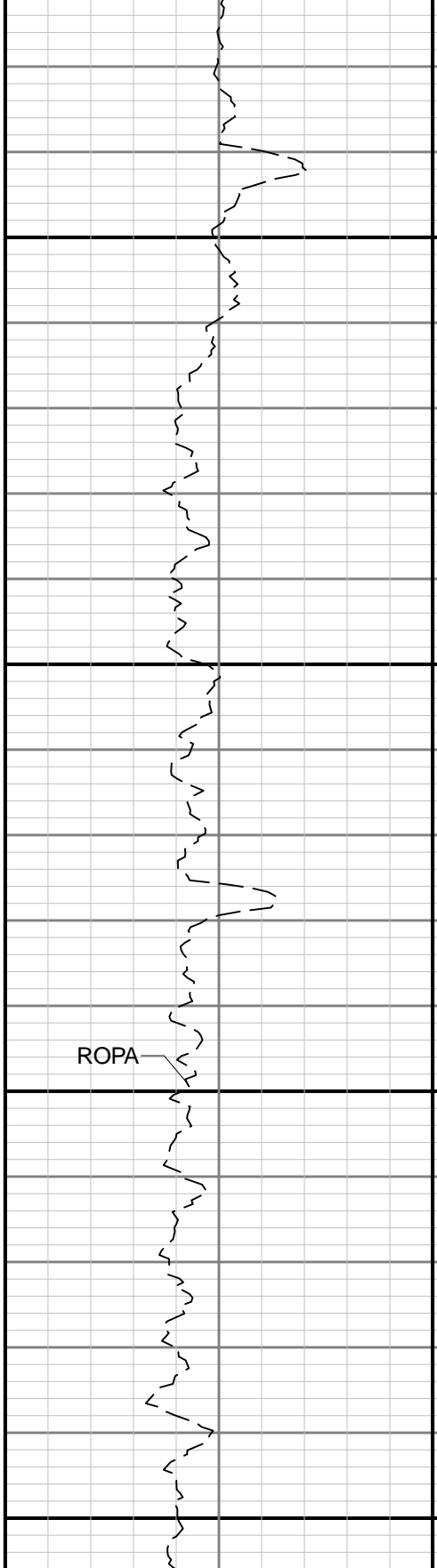
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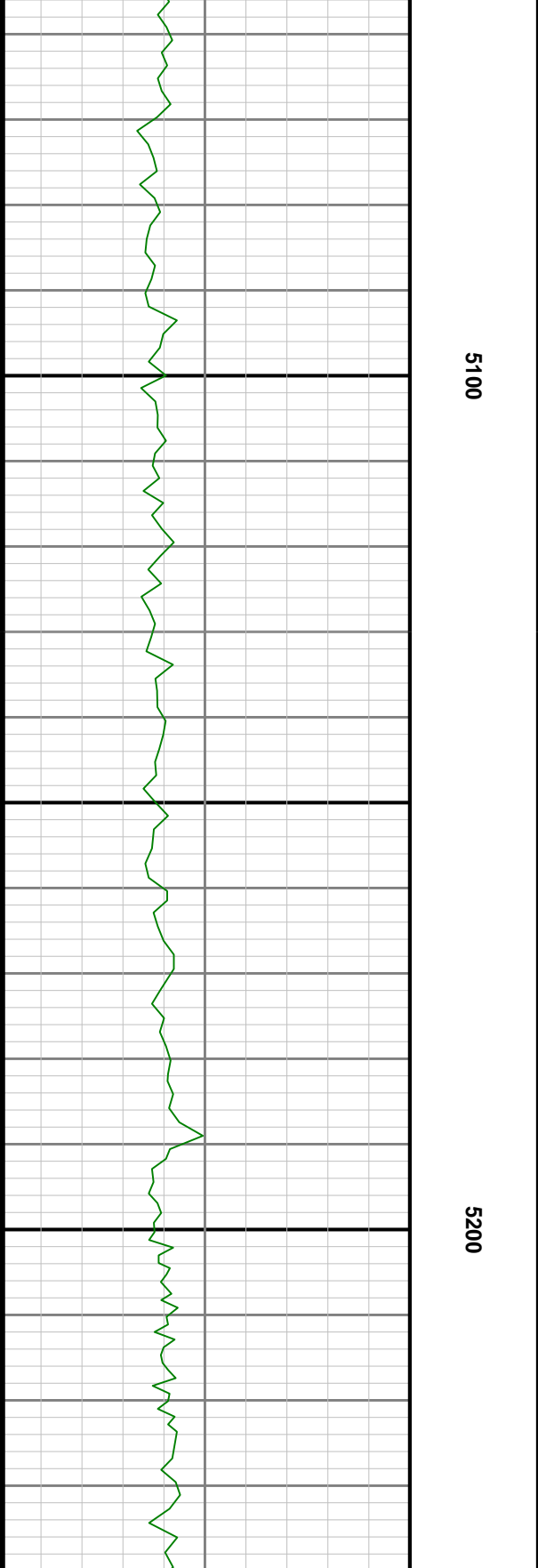
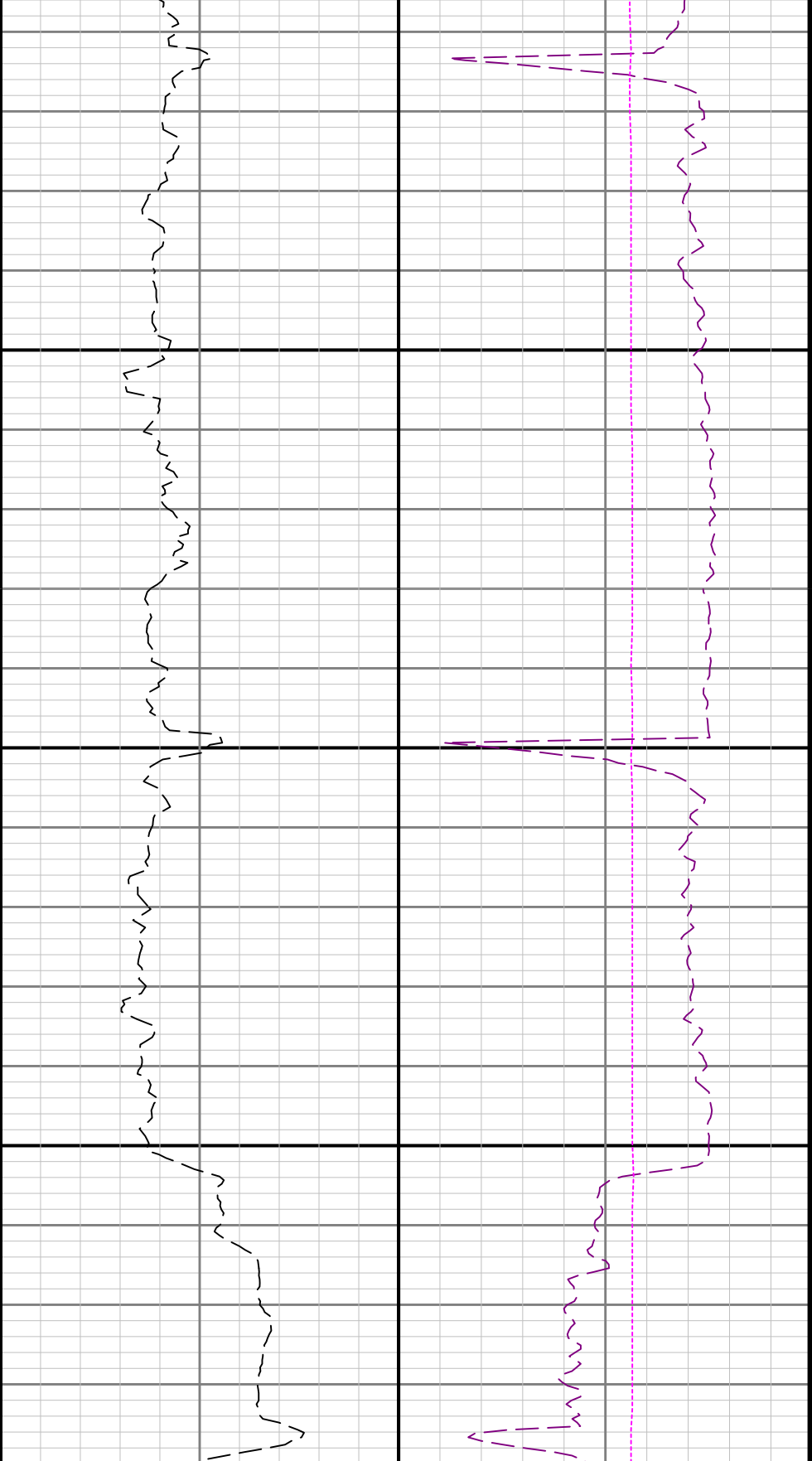


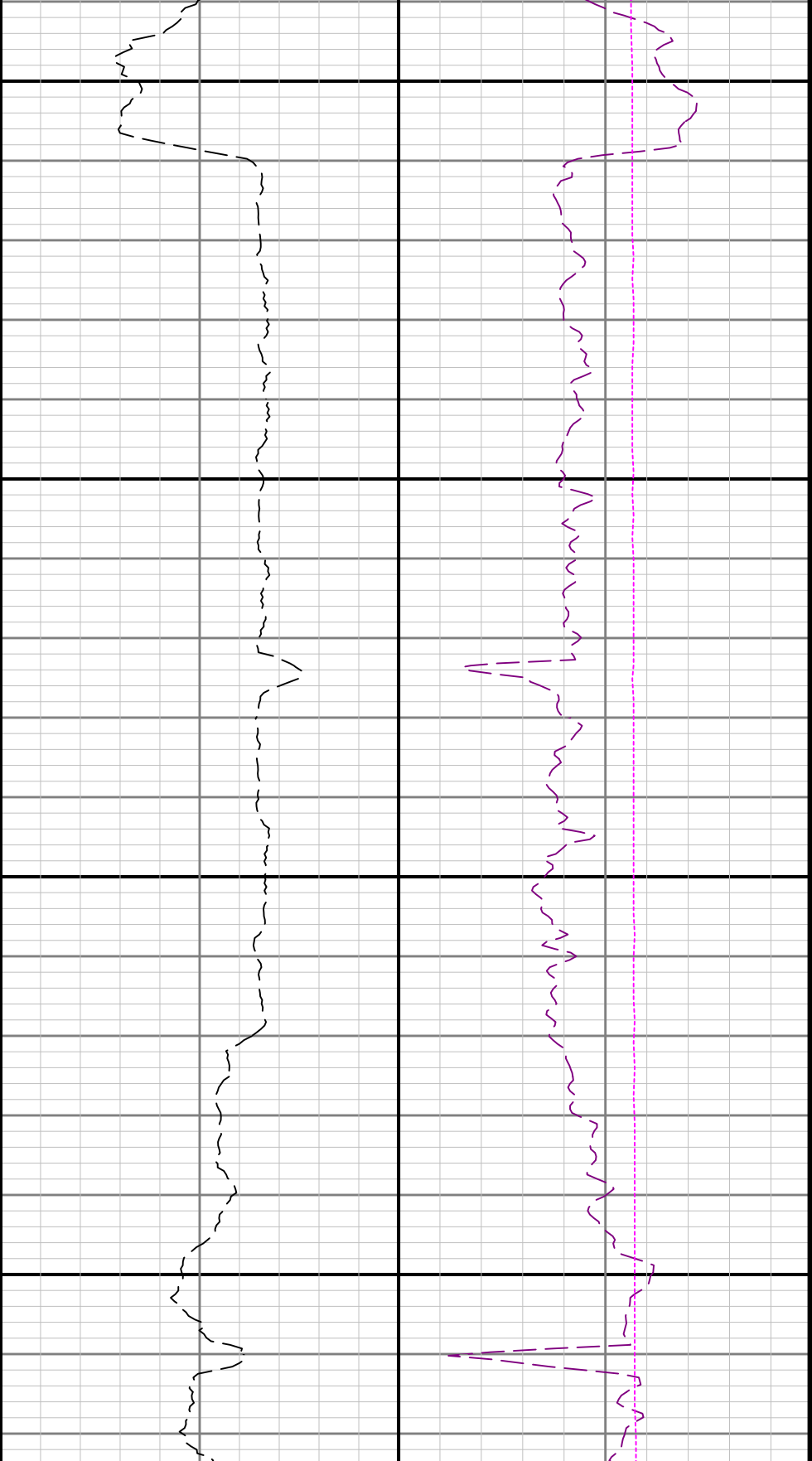


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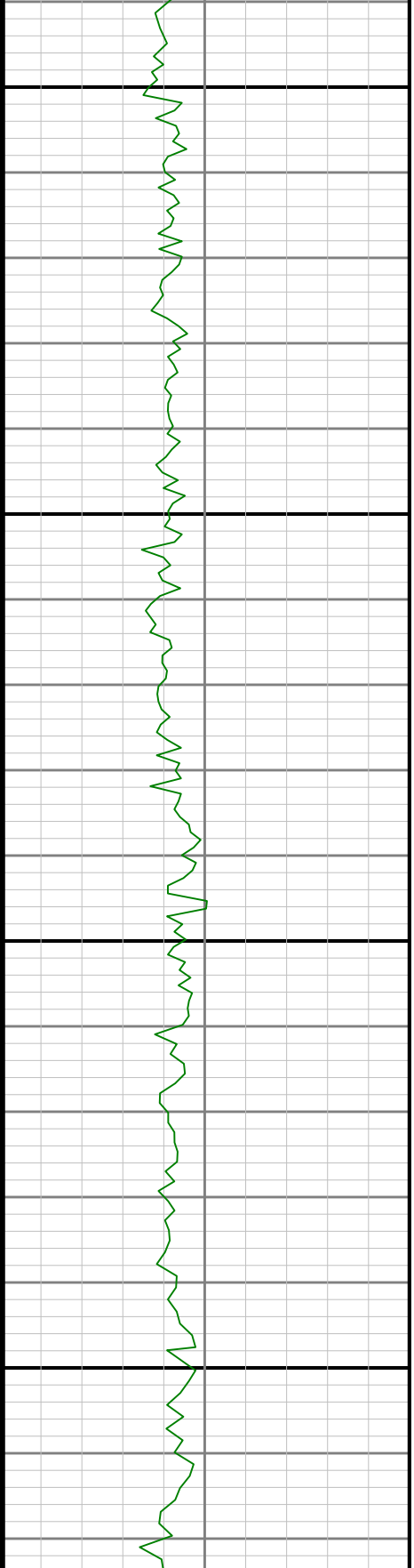


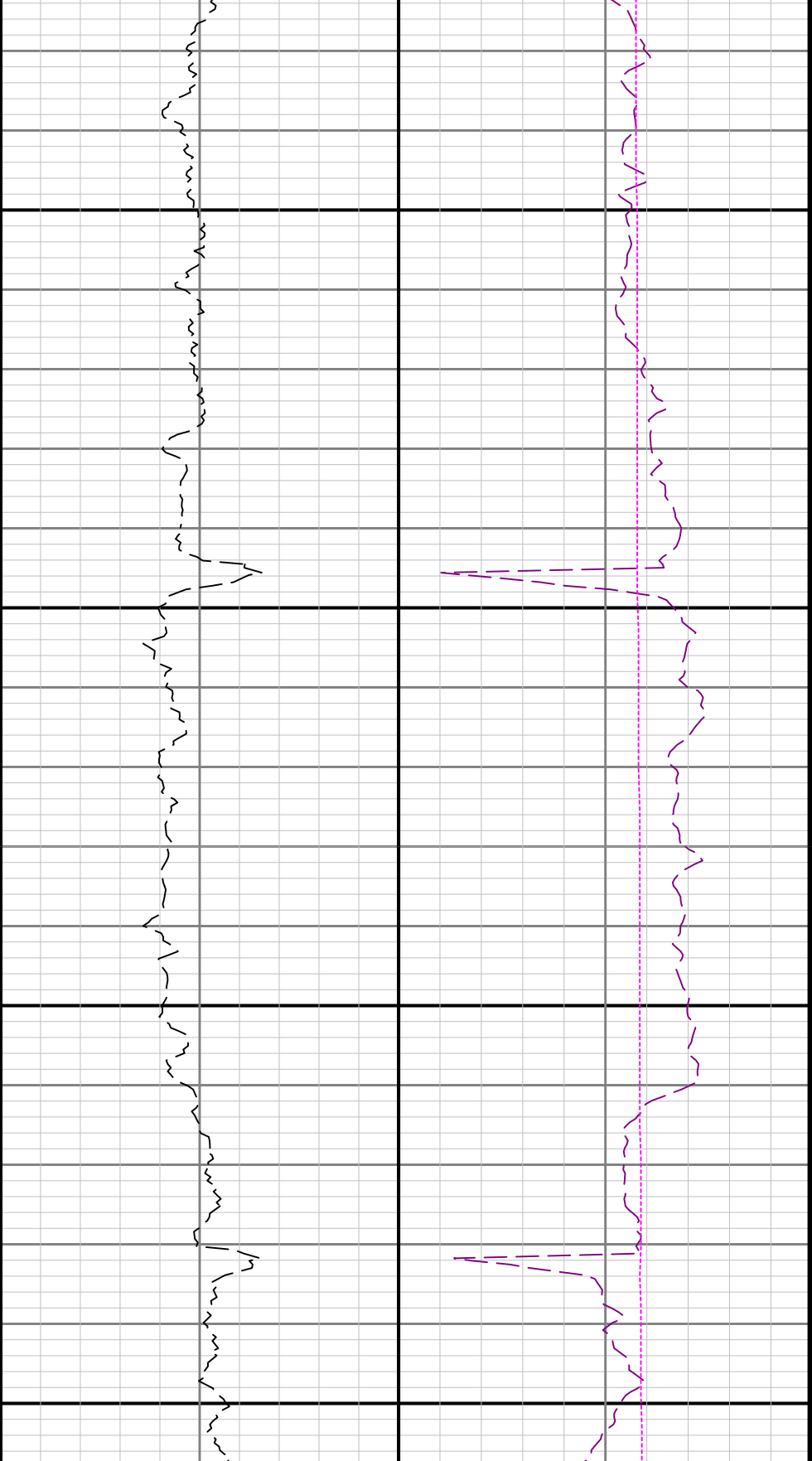




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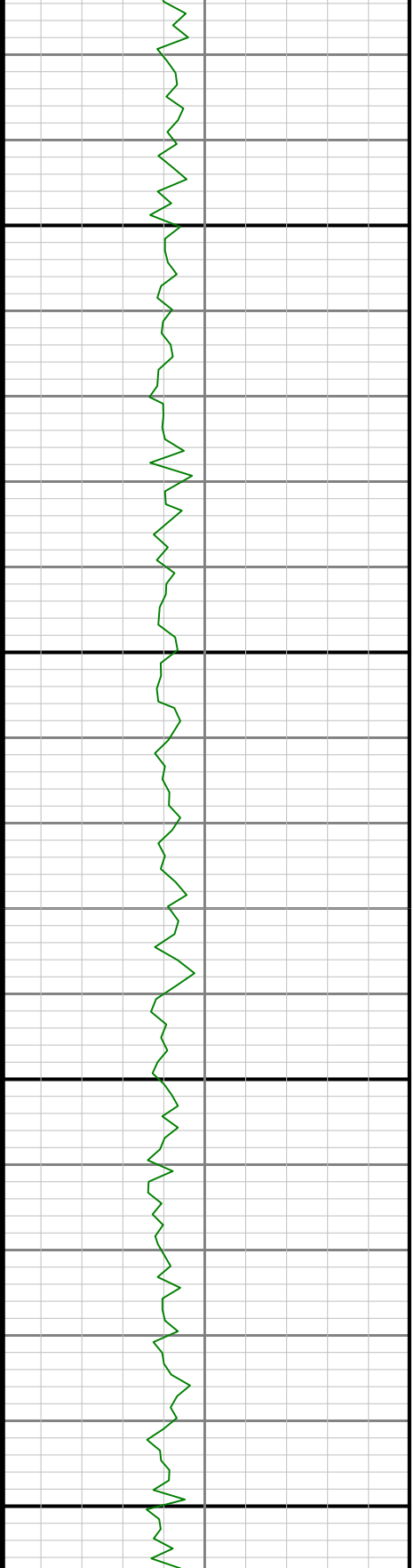
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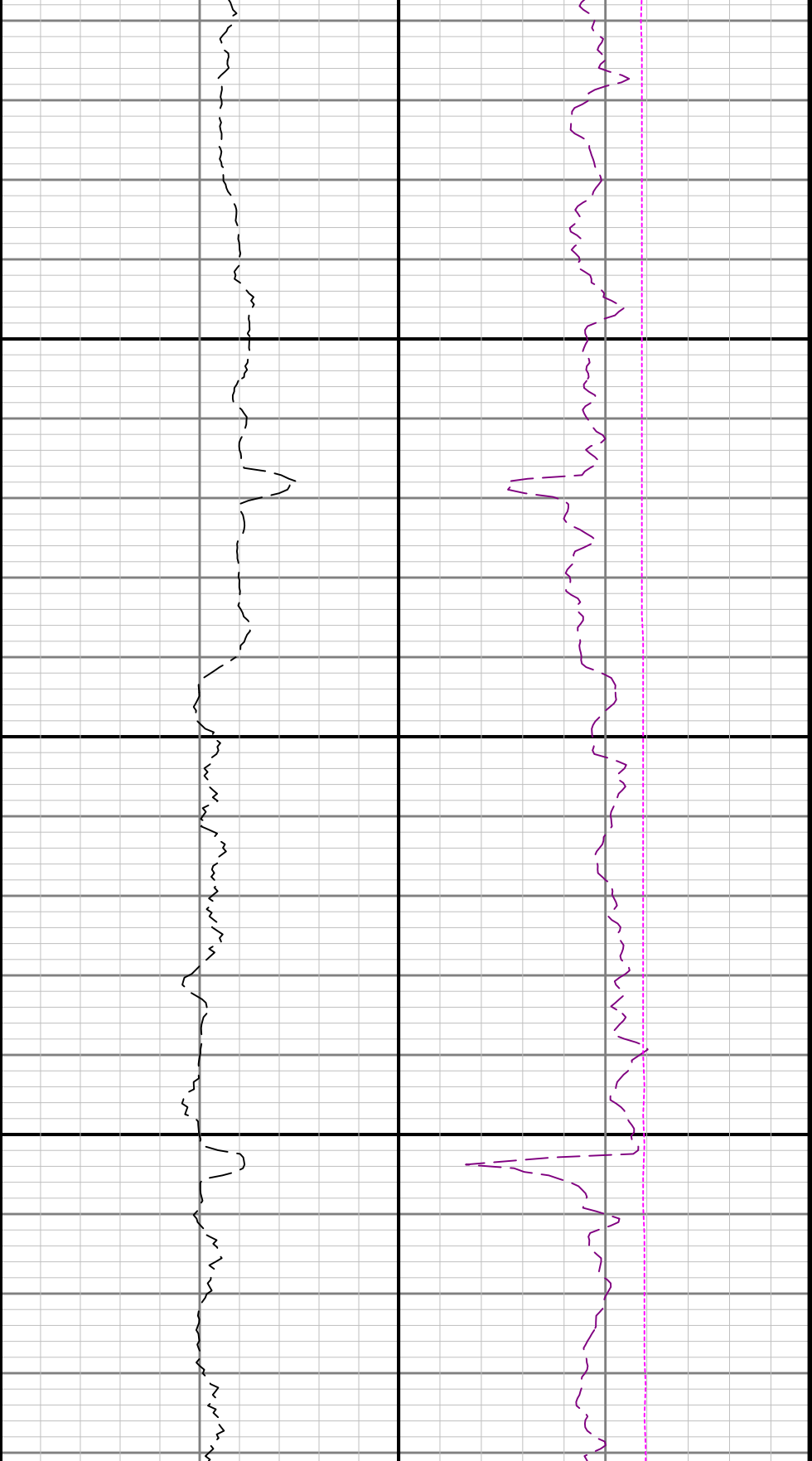




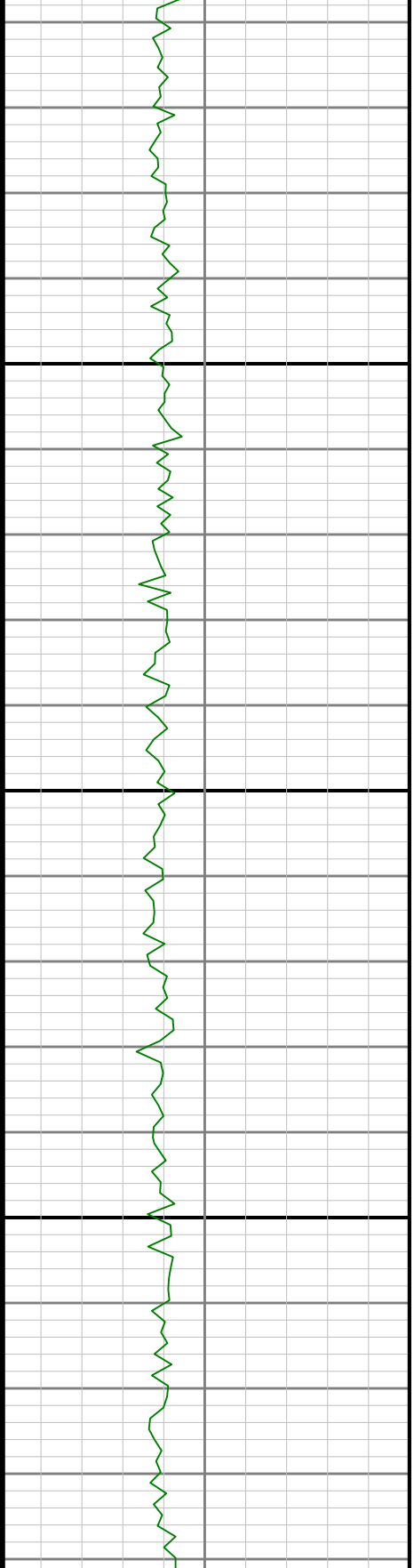
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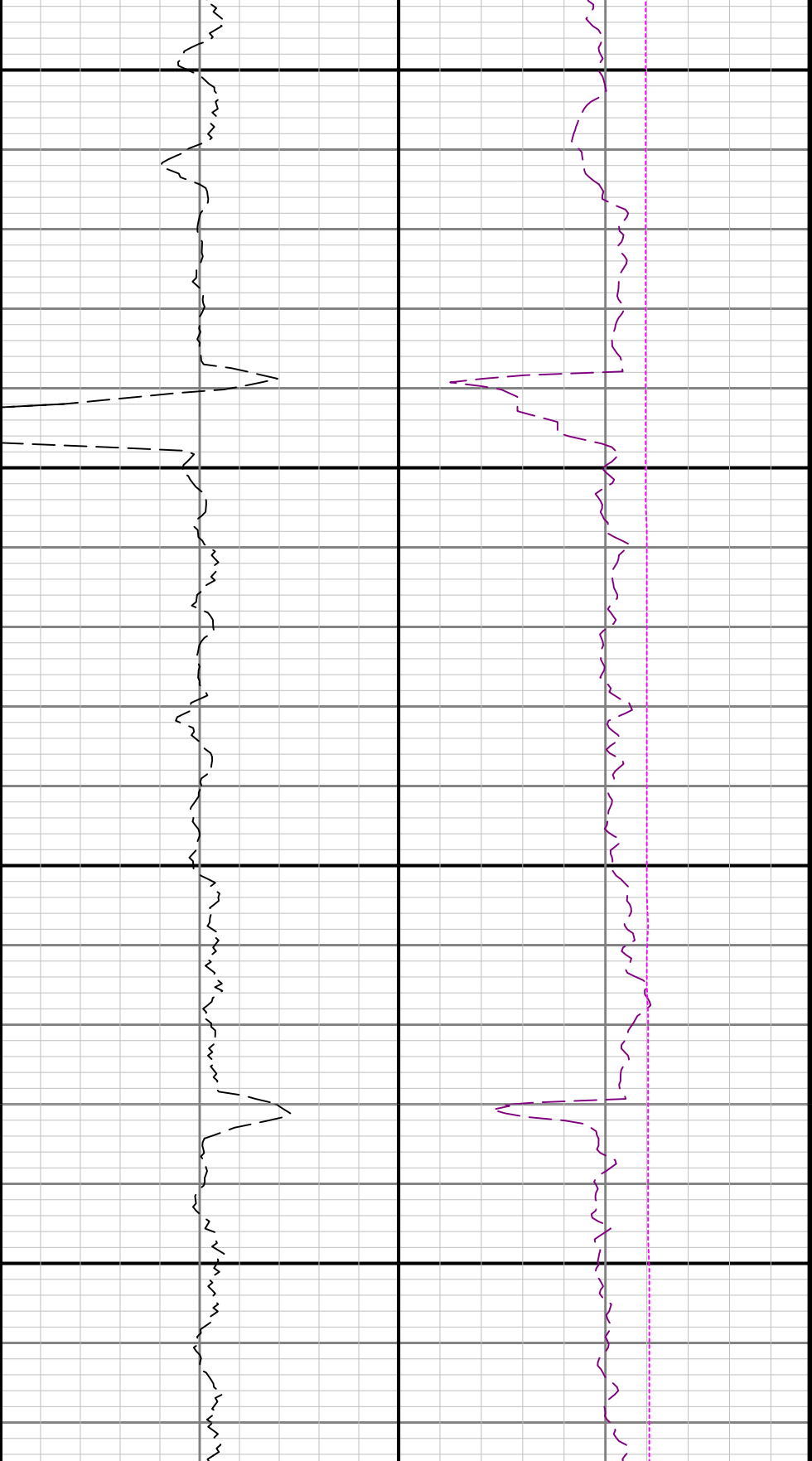
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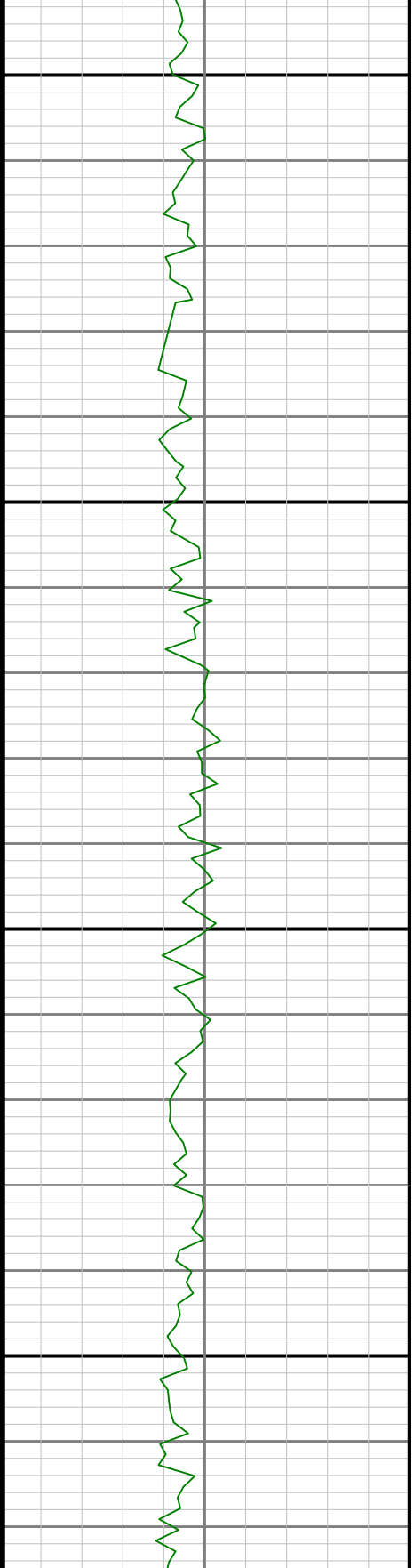
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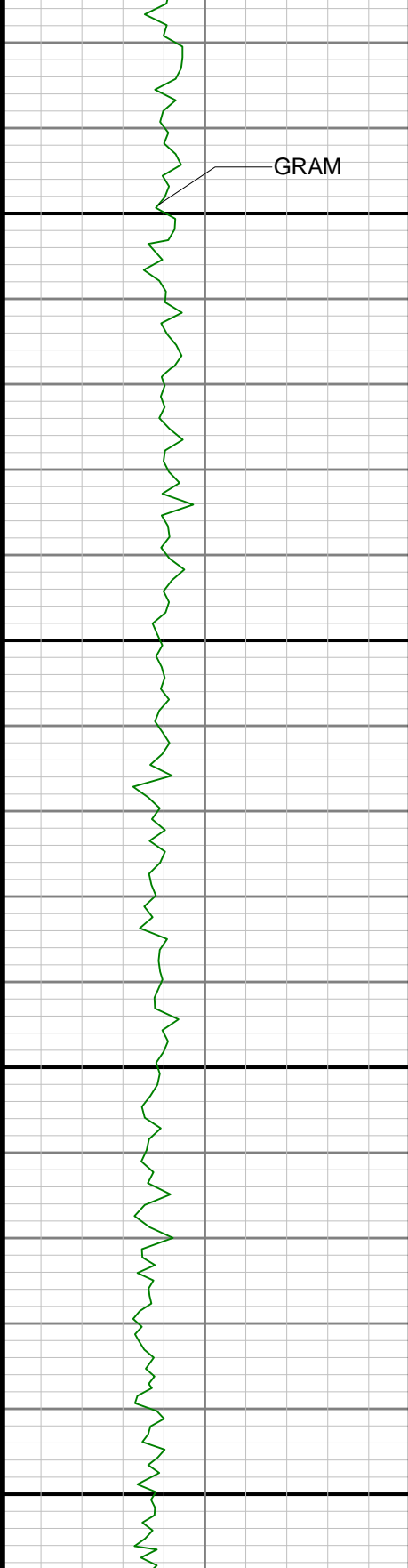




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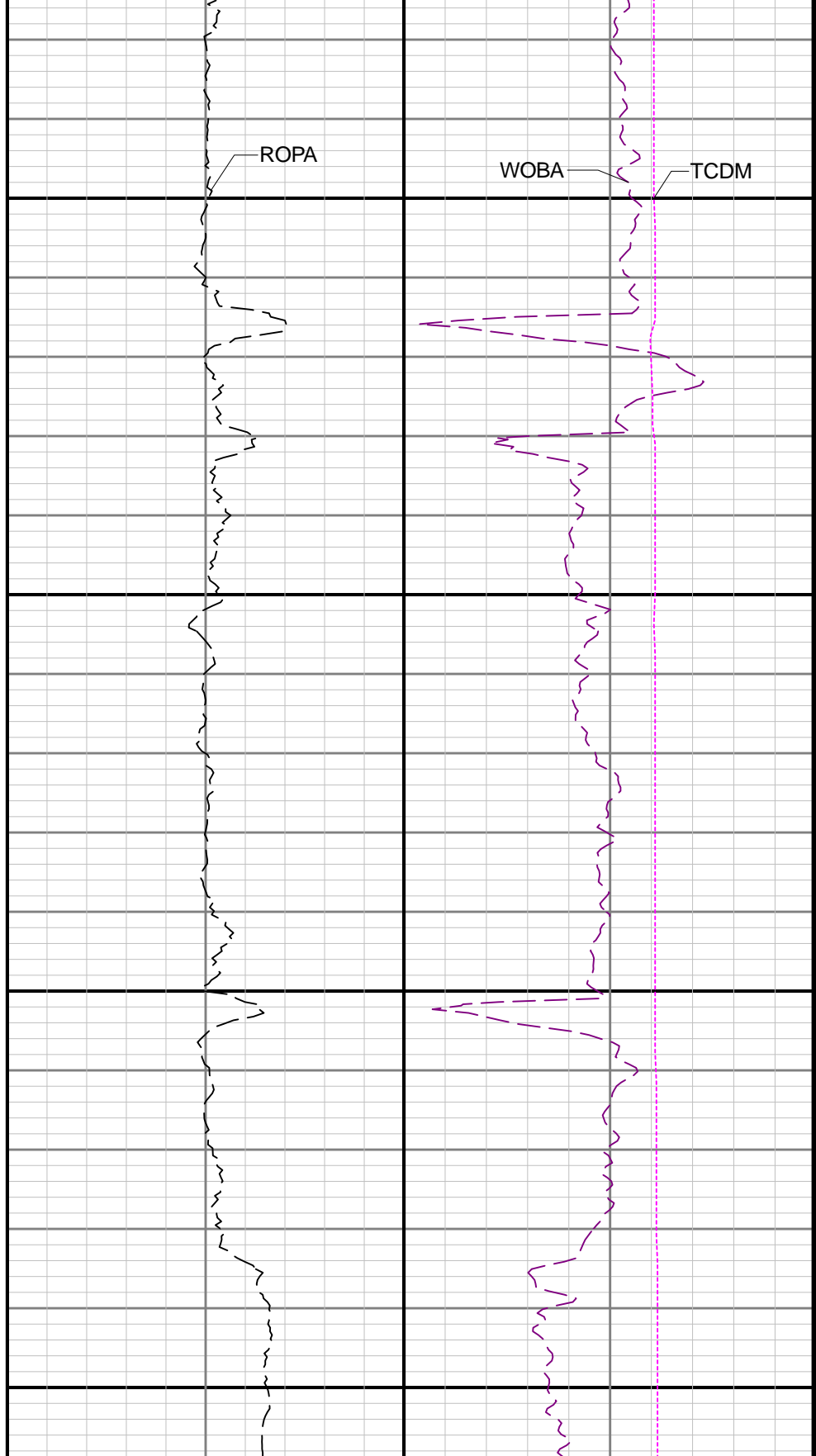
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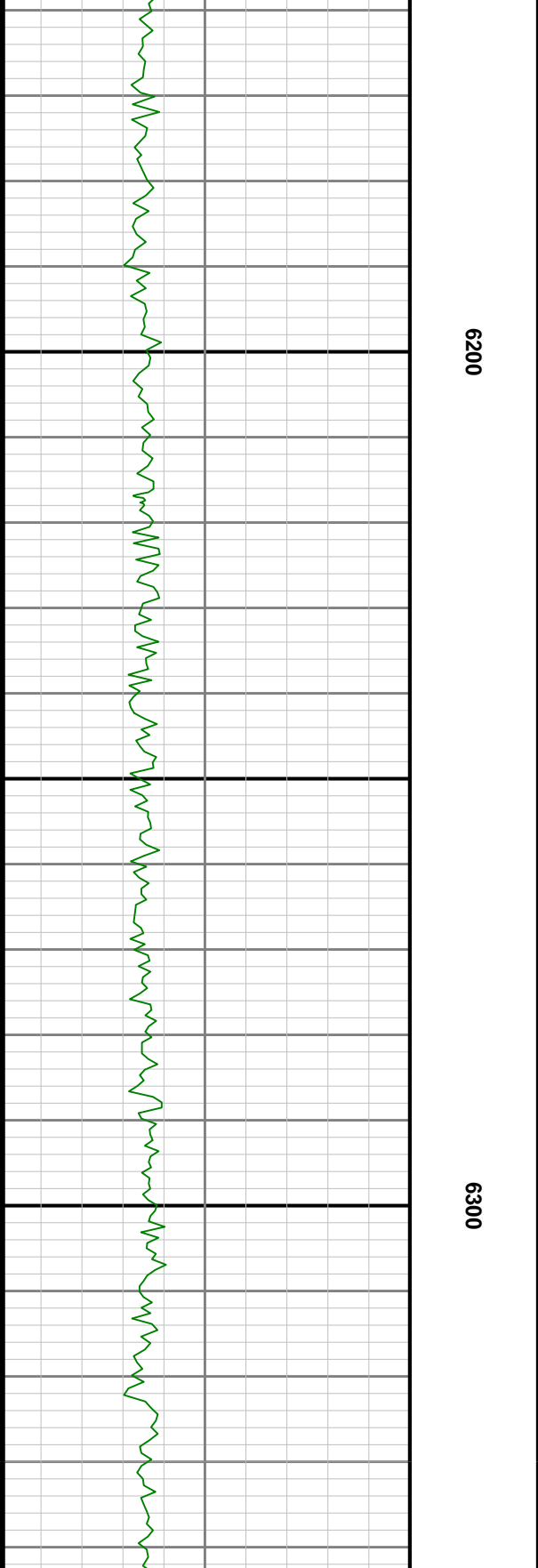
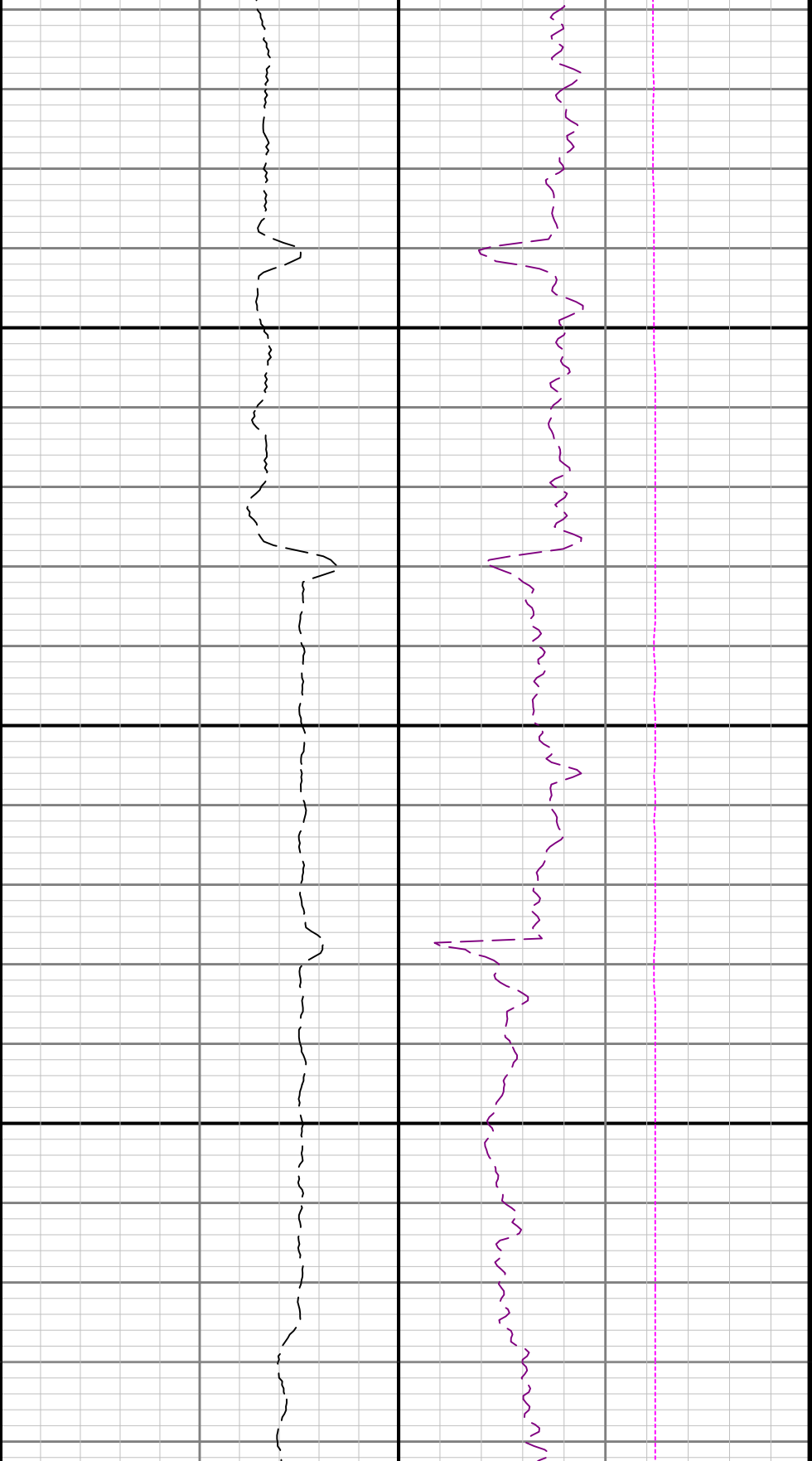


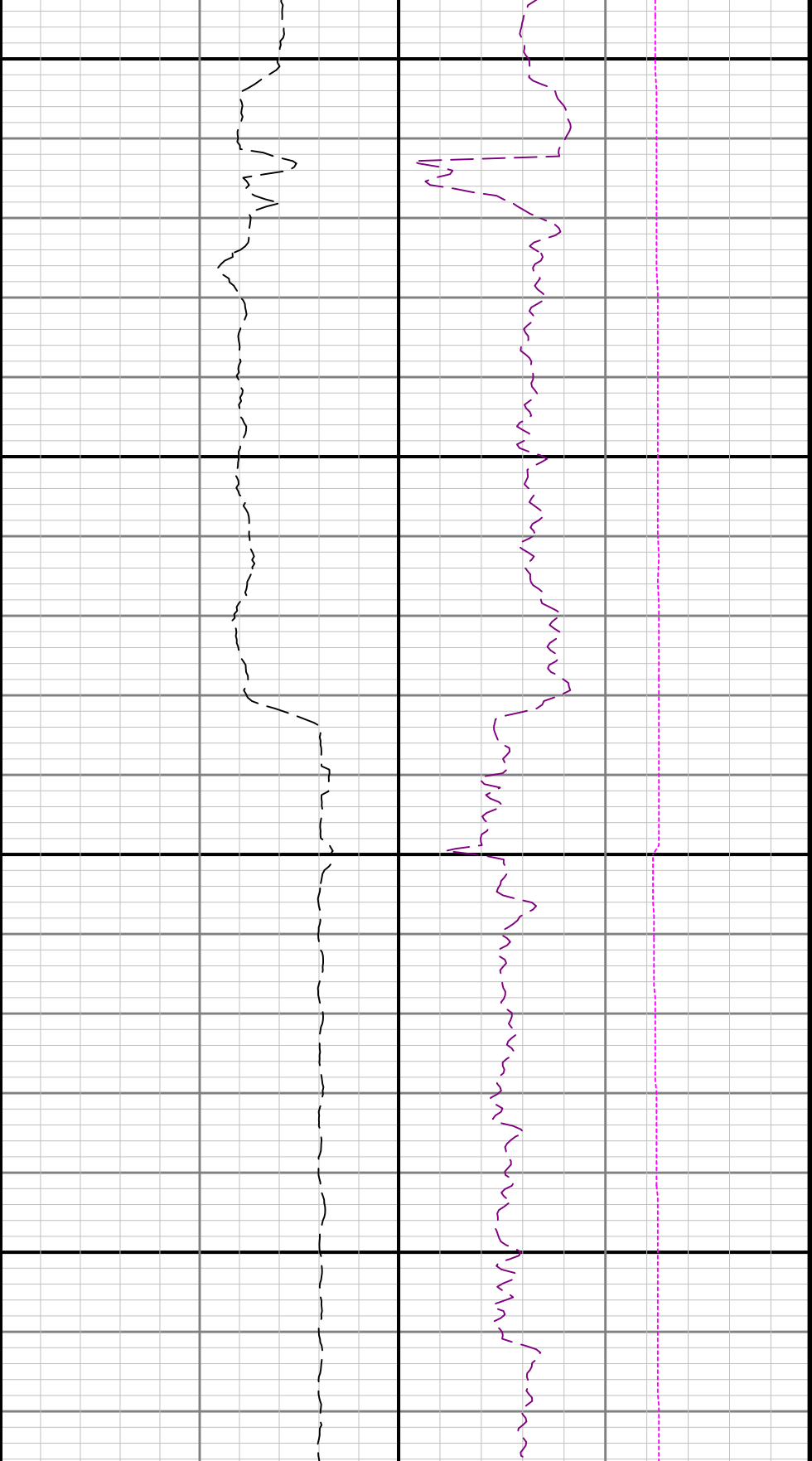


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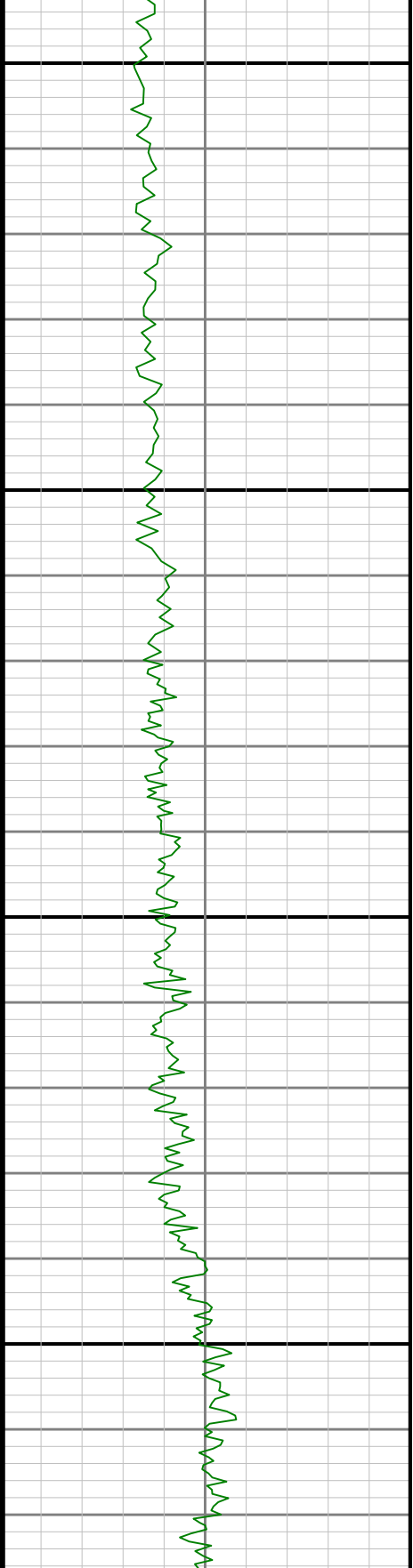


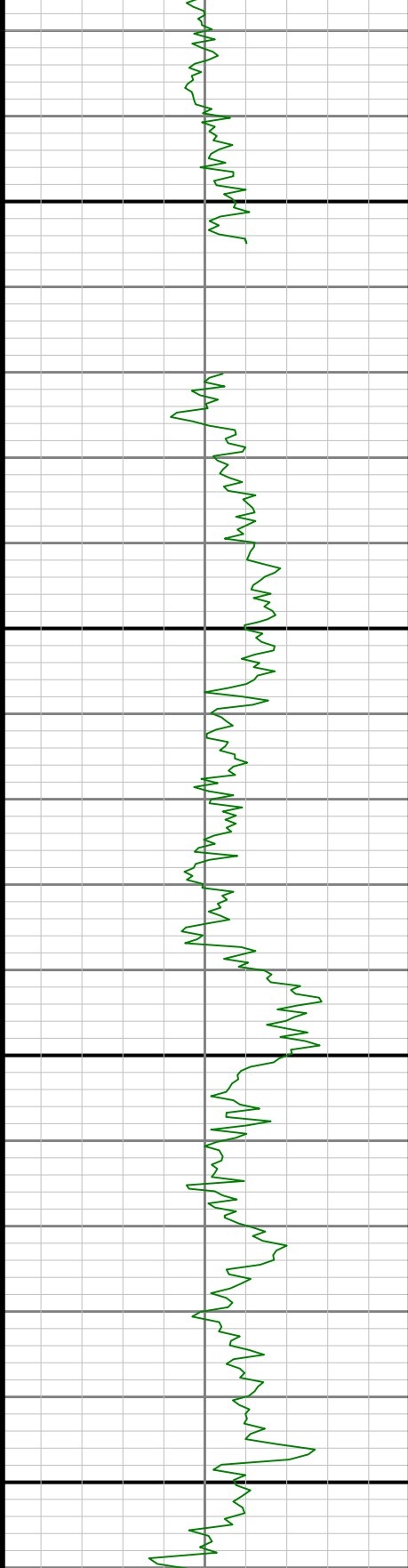




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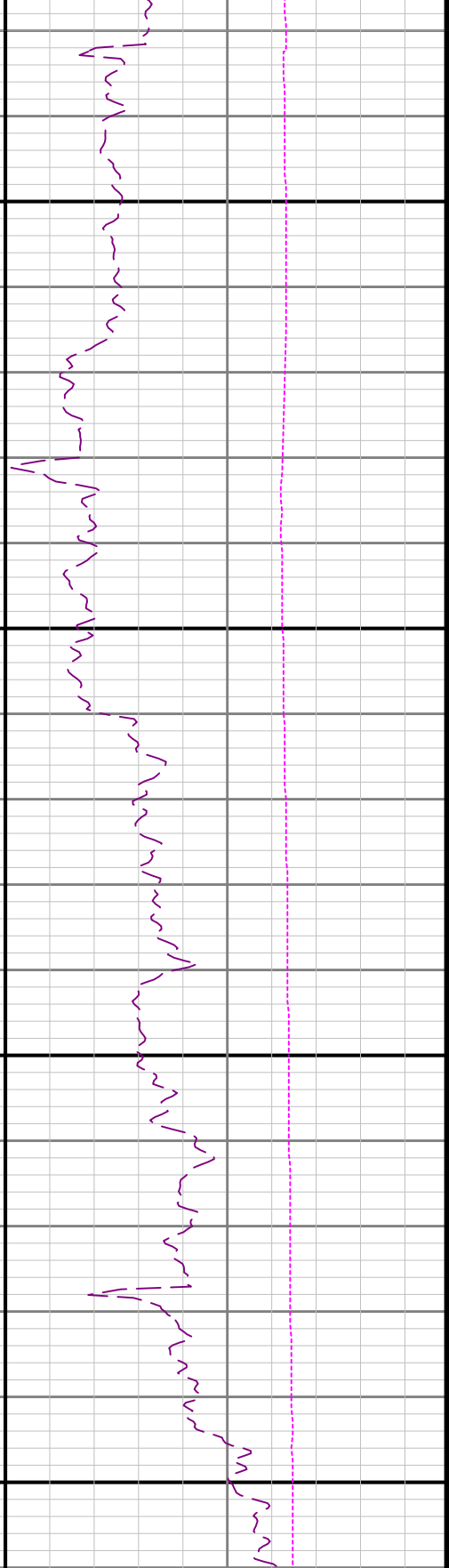
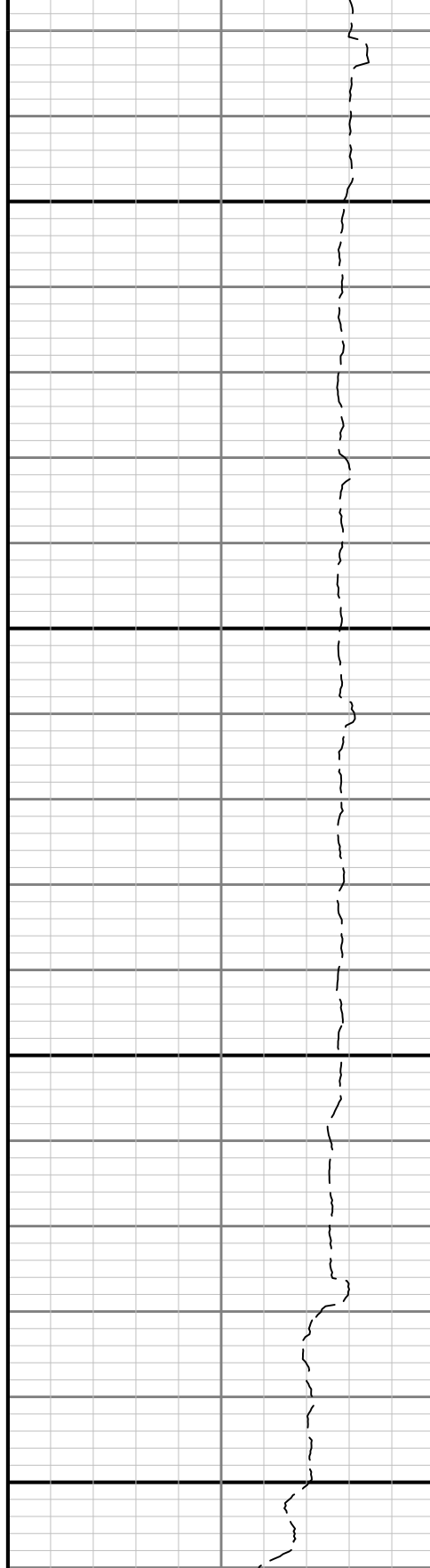
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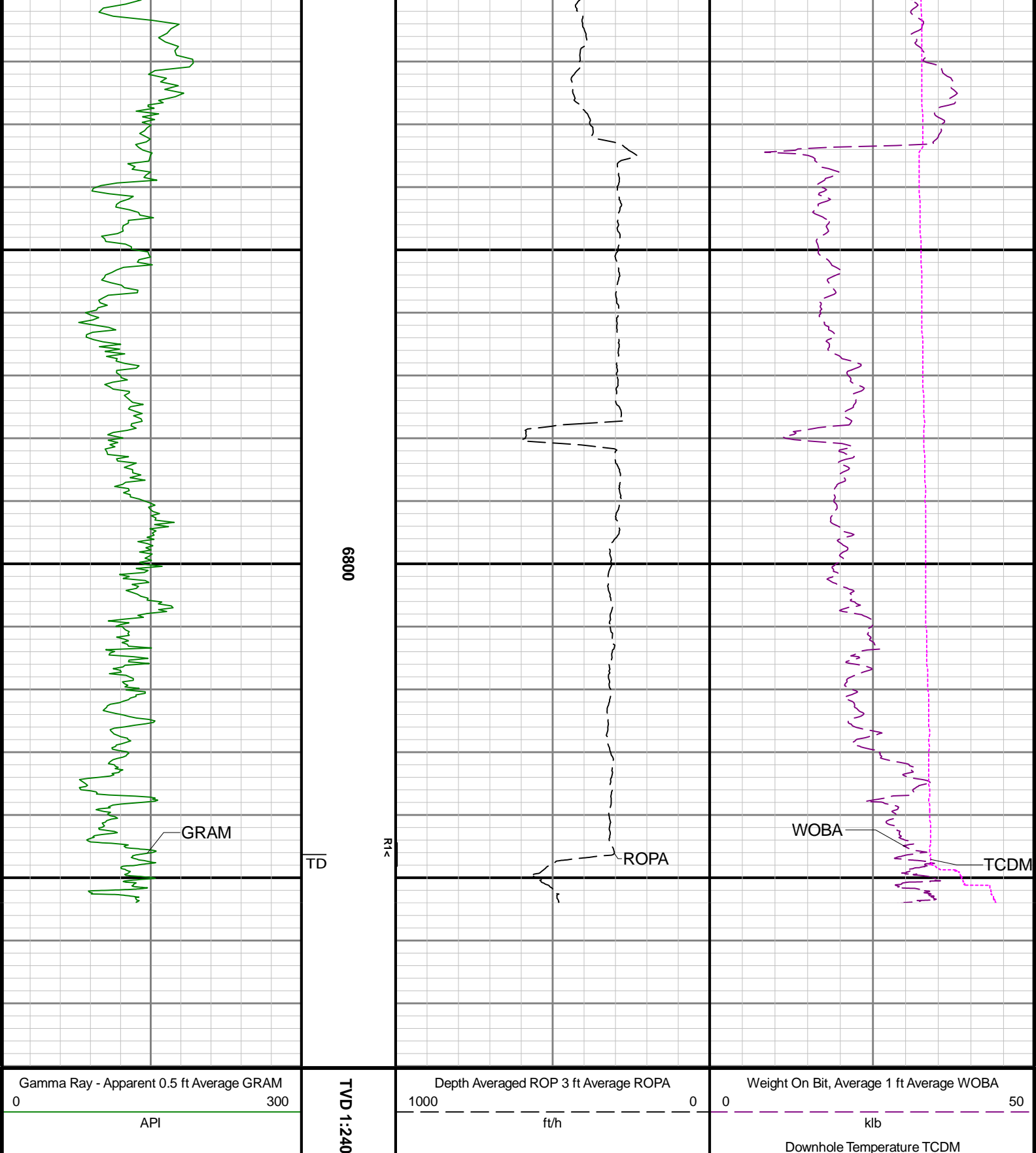




6700

0099





				feet					0	300			
									degF				

Directional Survey Summary													
Latitude:		40° 15' 07.852" N						Longitude:		104° 34' 12.173" W			
North Reference:		Grid						Drill Depth Zero:		Rig Floor			
Vertical Datum is:		Mean Sea Level						Vertical Datum to DDZ: (ft)		4775.00			
Vertical Section North: (ft)		0.00						Vertical Section East: (ft)		0.00			
Vertical Section Azimuth: (deg)		174.07											
Grid Convergence: (deg)		-0.60						Magnetic Declination: (deg)		7.93			
Total Correction: (deg)		7.33						TVD Calculation Method:		Minimum Curvature			
Magnetic Correction:		Off						Local Magnetic Field: (nT)		51871			
Local Magnetic Dip Angle: (deg)		66.61						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	-4775.00	0.00	0.00	0.00	0.00	0.00
	81.00	0.62	92.26	N/A	-0.02	0.44	81.00	-4694.00	0.06	81.00	0.77	0.77	113.90
	175.00	0.95	103.13	N/A	-0.21	1.70	174.99	-4600.01	0.39	94.00	0.38	0.35	11.56
	266.00	0.73	96.43	N/A	-0.45	3.02	265.98	-4509.02	0.76	91.00	0.26	-0.24	-7.36
	361.00	0.45	160.91	N/A	-0.87	3.74	360.98	-4414.02	1.25	95.00	0.71	-0.29	67.87
	456.00	1.53	144.45	N/A	-2.26	4.60	455.96	-4319.04	2.72	95.00	1.16	1.14	-17.33
	550.00	0.72	164.13	N/A	-3.84	5.49	549.94	-4225.06	4.39	94.00	0.94	-0.86	20.94
	645.00	1.24	168.79	N/A	-5.43	5.85	644.93	-4130.07	6.00	95.00	0.55	0.55	4.91
	739.00	1.27	190.10	N/A	-7.45	5.87	738.91	-4036.09	8.02	94.00	0.49	0.03	22.67
	834.00	0.93	193.87	N/A	-9.24	5.50	833.89	-3941.11	9.75	95.00	0.37	-0.36	3.97
	929.00	0.58	211.21	N/A	-10.39	5.06	928.88	-3846.12	10.86	95.00	0.44	-0.37	18.25
	1023.00	0.72	181.06	N/A	-11.39	4.81	1022.87	-3752.13	11.83	94.00	0.39	0.15	-32.07
	1118.00	0.64	176.53	N/A	-12.52	4.83	1117.87	-3657.13	12.95	95.00	0.10	-0.08	-4.77
	1213.00	0.94	229.58	N/A	-13.55	4.27	1212.86	-3562.14	13.92	95.00	0.79	0.32	55.84
	1307.00	0.53	274.70	N/A	-14.02	3.25	1306.85	-3468.15	14.28	94.00	0.72	-0.44	48.00
	1402.00	0.82	202.34	N/A	-14.61	2.55	1401.85	-3373.15	14.80	95.00	0.87	0.31	-76.17
	1497.00	0.41	157.90	N/A	-15.55	2.42	1496.84	-3278.16	15.72	95.00	0.63	-0.43	-46.78
	1591.00	0.31	180.96	N/A	-16.12	2.54	1590.84	-3184.16	16.30	94.00	0.19	-0.11	24.53
	1686.00	0.26	210.68	N/A	-16.56	2.43	1685.84	-3089.16	16.72	95.00	0.16	-0.05	31.28
	1781.00	0.66	297.61	N/A	-16.49	1.83	1780.84	-2994.16	16.60	95.00	0.73	0.42	91.51
	1875.00	0.32	291.37	N/A	-16.15	1.11	1874.83	-2900.17	16.18	94.00	0.37	-0.36	-6.64
	1922.00	0.21	286.38	N/A	-16.08	0.90	1921.83	-2853.17	16.08	47.00	0.24	-0.23	-10.62
	2031.00	0.03	194.06	106.8	-16.05	0.71	2030.83	-2744.17	16.03	109.00	0.20	-0.17	-84.70
	2126.00	0.07	355.20	112.2	-16.01	0.69	2125.83	-2649.17	16.00	95.00	0.10	0.04	169.62
	2221.00	0.04	267.19	117.6	-15.96	0.66	2220.83	-2554.17	15.94	95.00	0.08	-0.03	-92.64
	2315.00	0.26	166.51	117.6	-16.17	0.67	2314.83	-2460.17	16.15	94.00	0.29	0.23	-107.11
	2410.00	1.89	151.36	120.3	-17.75	1.47	2409.81	-2365.19	17.81	95.00	1.73	1.72	-15.95
	2505.00	2.86	150.62	123.0	-21.19	3.39	2504.73	-2270.27	21.43	95.00	1.02	1.02	-0.78
	2599.00	4.25	148.49	123.0	-26.20	6.36	2598.55	-2176.45	26.72	94.00	1.49	1.48	-2.27
	2694.00	6.55	146.03	125.7	-33.70	11.23	2693.12	-2081.88	34.68	95.00	2.43	2.42	-2.59
	2789.00	10.92	141.67	133.8	-45.26	19.84	2786.99	-1988.01	47.07	95.00	4.65	4.60	-4.59
	2883.00	15.31	141.86	133.8	-62.01	33.03	2878.52	-1896.48	65.09	94.00	4.67	4.67	0.20
	2978.00	20.34	141.76	136.5	-84.86	51.01	2968.93	-1806.07	89.67	95.00	5.29	5.29	-0.11
	3073.00	19.44	141.41	133.8	-110.18	71.09	3058.26	-1716.74	116.94	95.00	0.96	-0.95	-0.37
	3167.00	20.39	141.07	336.5	-135.15	91.14	3146.64	-1628.36	143.84	94.00	1.02	1.01	-0.36
	3262.00	21.35	146.21	141.9	-162.40	111.16	3235.41	-1539.59	173.01	95.00	2.18	1.01	5.41
	3356.00	18.54	145.64	141.9	-188.96	129.11	3323.77	-1451.23	201.29	94.00	3.00	-2.99	-0.61
	3451.00	18.47	145.46	144.6	-213.82	146.17	3413.85	-1361.15	227.78	95.00	0.10	-0.07	-0.19
	3545.00	20.20	148.85	144.6	-239.98	163.01	3502.55	-1272.45	255.54	94.00	2.19	1.84	3.61
	3640.00	22.94	148.05	144.6	-269.73	181.29	3590.89	-1184.11	287.02	95.00	2.90	2.88	-0.84
	3735.00	24.60	148.52	144.6	-302.31	201.41	3677.83	-1097.17	321.50	95.00	1.76	1.75	0.49
	3829.00	25.14	149.57	144.6	-336.21	221.74	3763.11	-1011.89	357.32	94.00	0.74	0.57	1.12
	3924.00	27.13	149.19	147.3	-372.22	243.06	3848.40	-926.60	395.34	95.00	2.10	2.09	-0.40
	4019.00	27.08	149.69	147.3	-409.49	265.07	3932.96	-842.04	434.68	95.00	0.25	-0.05	0.53

		4114.00	26.83	149.76	150.0	-446.68	286.78	4017.64	-757.36	473.92	95.00	0.27	-0.26	0.07
		4208.00	26.96	149.62	152.7	-483.39	308.24	4101.47	-673.53	512.65	94.00	0.15	0.14	-0.15
		4303.00	26.86	149.60	152.7	-520.48	329.99	4186.19	-588.81	551.78	95.00	0.11	-0.11	-0.02
		4398.00	26.95	149.51	155.4	-557.54	351.77	4270.90	-504.10	590.90	95.00	0.10	0.09	-0.09
		4492.00	26.92	149.52	155.4	-594.23	373.37	4354.71	-420.29	629.63	94.00	0.03	-0.03	0.01
		4587.00	25.16	149.46	150.0	-630.16	394.55	4440.06	-334.94	667.55	95.00	1.85	-1.85	-0.06
		4682.00	23.94	149.86	158.1	-664.22	414.49	4526.47	-248.53	703.49	95.00	1.30	-1.28	0.42
		4776.00	24.07	149.70	160.8	-697.27	433.73	4612.34	-162.66	738.35	94.00	0.15	0.14	-0.17
		4871.00	24.18	149.75	163.5	-730.80	453.31	4699.04	-75.96	773.72	95.00	0.12	0.12	0.05
		4966.00	23.73	149.84	163.5	-764.14	472.72	4785.86	10.86	808.88	95.00	0.48	-0.47	0.09
		5061.00	24.27	149.91	163.5	-797.56	492.11	4872.65	97.65	844.13	95.00	0.57	0.57	0.07
		5155.00	24.09	149.88	166.2	-830.87	511.42	4958.40	183.40	879.26	94.00	0.19	-0.19	-0.03
		5250.00	23.68	150.02	168.9	-864.16	530.68	5045.26	270.26	914.36	95.00	0.44	-0.43	0.15
		5345.00	23.79	149.61	168.9	-897.21	549.91	5132.23	357.23	949.23	95.00	0.21	0.12	-0.43
		5440.00	22.56	150.00	168.9	-929.52	568.71	5219.56	444.56	983.31	95.00	1.30	-1.29	0.41
		5534.00	22.06	150.10	168.9	-960.44	586.53	5306.52	531.52	1015.90	94.00	0.53	-0.53	0.11
		5629.00	24.38	149.70	171.6	-992.84	605.32	5393.82	618.82	1050.07	95.00	2.45	2.44	-0.42
		5724.00	25.30	149.84	174.3	-1027.32	625.41	5480.03	705.03	1086.44	95.00	0.97	0.97	0.15
		5818.00	23.64	150.03	174.3	-1061.02	644.92	5565.59	790.59	1121.97	94.00	1.77	-1.77	0.20
		5913.00	23.94	149.50	177.0	-1094.13	664.21	5652.51	877.51	1156.89	95.00	0.39	0.32	-0.56
		6008.00	25.31	149.44	177.0	-1128.22	684.32	5738.87	963.87	1192.88	95.00	1.44	1.44	-0.06
		6198.00	25.13	149.53	179.7	-1197.97	725.43	5910.76	1135.76	1266.50	190.00	0.10	-0.09	0.05
		6292.00	25.00	149.30	182.5	-1232.25	745.69	5995.91	1220.91	1302.70	94.00	0.17	-0.14	-0.24
		6387.00	23.42	149.94	182.5	-1265.85	765.40	6082.55	1307.55	1338.16	95.00	1.69	-1.66	0.67
		6481.00	21.69	149.77	185.2	-1297.03	783.50	6169.36	1394.36	1371.04	94.00	1.84	-1.84	-0.18
		6576.00	22.44	149.62	185.2	-1327.84	801.51	6257.40	1482.40	1403.54	95.00	0.79	0.79	-0.16
		6670.00	25.54	149.20	185.2	-1360.73	820.97	6343.27	1568.27	1438.27	94.00	3.30	3.30	-0.45
		6765.00	24.49	149.75	187.9	-1395.33	841.37	6429.36	1654.36	1474.79	95.00	1.13	-1.11	0.58
		6859.00	29.72	161.01	187.9	-1434.25	858.79	6513.06	1738.06	1515.30	94.00	7.77	5.56	11.98
		6954.00	36.80	166.27	185.2	-1484.23	873.23	6592.46	1817.46	1566.51	95.00	8.04	7.45	5.54
		7049.00	46.23	168.04	193.3	-1545.57	887.12	6663.52	1888.52	1628.95	95.00	10.00	9.93	1.86
		7143.00	56.62	170.56	193.3	-1617.69	900.63	6722.06	1947.06	1702.08	94.00	11.25	11.05	2.68
		7238.00	63.35	175.12	196.0	-1699.25	910.77	6769.57	1994.57	1784.25	95.00	8.21	7.08	4.80
		7333.00	70.31	174.77	198.7	-1786.19	918.46	6806.93	2031.93	1871.52	95.00	7.33	7.33	-0.37
		7427.00	77.40	174.98	201.4	-1876.06	926.52	6833.05	2058.05	1961.75	94.00	7.55	7.54	0.22
		7522.00	87.41	175.35	204.1	-1969.78	934.44	6845.59	2070.59	2055.78	95.00	10.54	10.54	0.39
		7617.00	89.88	177.31	204.1	-2064.54	940.52	6847.84	2072.84	2150.66	95.00	3.32	2.60	2.06
		7712.00	89.75	179.69	204.1	-2159.50	943.01	6848.14	2073.14	2245.37	95.00	2.51	-0.14	2.51
		7806.00	89.78	180.20	209.5	-2253.50	943.10	6848.53	2073.53	2338.88	94.00	0.54	0.03	0.54
		7901.00	89.97	180.25	212.2	-2348.50	942.73	6848.73	2073.73	2433.33	95.00	0.21	0.20	0.05
		7996.00	90.25	180.42	214.9	-2443.50	942.17	6848.55	2073.55	2527.76	95.00	0.34	0.29	0.18
		8090.00	90.18	180.65	214.9	-2537.49	941.29	6848.20	2073.20	2621.16	94.00	0.26	-0.07	0.24
		8184.00	90.22	181.18	217.6	-2631.48	939.79	6847.87	2072.87	2714.49	94.00	0.57	0.04	0.56
		8279.00	90.58	181.91	220.3	-2726.44	937.23	6847.21	2072.21	2808.68	95.00	0.86	0.38	0.77
		8374.00	89.32	178.29	220.3	-2821.43	937.06	6847.29	2072.29	2903.14	95.00	4.03	-1.33	-3.81
		8468.00	89.69	178.16	223.0	-2915.38	939.98	6848.10	2073.10	2996.89	94.00	0.42	0.39	-0.14
		8563.00	89.88	178.50	223.0	-3010.34	942.74	6848.46	2073.46	3091.62	95.00	0.41	0.20	0.36
		8657.00	89.85	178.55	225.7	-3104.30	945.16	6848.68	2073.68	3185.34	94.00	0.06	-0.03	0.05
		8752.00	89.91	181.98	225.7	-3199.29	944.72	6848.88	2073.88	3279.77	95.00	3.61	0.06	3.61
		8847.00	90.12	186.11	225.7	-3294.03	938.03	6848.86	2073.86	3373.32	95.00	4.35	0.22	4.35
		8941.00	90.12	182.29	223.0	-3387.76	931.14	6848.66	2073.66	3465.83	94.00	4.06	0.00	-4.06
		9035.00	90.00	181.91	223.0	-3481.70	927.70	6848.56	2073.56	3558.91	94.00	0.42	-0.13	-0.40
		9130.00	89.94	176.08	225.7	-3576.64	929.36	6848.61	2073.61	3653.52	95.00	6.14	-0.06	-6.14
		9319.00	89.38	175.54	231.1	-3765.13	943.17	6849.73	2074.73	3842.43	189.00	0.41	-0.30	-0.29
		9414.00	89.35	173.71	233.8	-3859.70	952.07	6850.78	2075.78	3937.41	95.00	1.93	-0.03	-1.93
		9508.00	90.22	176.11	233.8	-3953.33	960.41	6851.14	2076.14	4031.39	94.00	2.72	0.93	2.55
		9697.00	90.00	178.71	233.8	-4142.12	968.95	6850.77	2075.77	4220.06	189.00	1.38	-0.12	1.38
		9792.00	89.88	179.04	236.5	-4237.10	970.81	6850.87	2075.87	4314.72	95.00	0.37	-0.13	0.35
		9887.00	90.12	178.93	236.5	-4332.08	972.50	6850.87	2075.87	4409.37	95.00	0.28	0.25	-0.12
		9982.00	90.49	178.76	239.2	-4427.06	974.41	6850.37	2075.37	4504.04	95.00	0.43	0.39	-0.18
		10076.00	89.91	177.80	233.8	-4521.02	977.23	6850.04	2075.04	4597.79	94.00	1.19	-0.62	-1.02

	10171.00	90.65	177.99	231.1	-4615.95	980.72	6849.58	2074.58	4692.57	95.00	0.80	0.78	0.20
	10265.00	91.23	180.08	233.8	-4709.92	982.31	6848.03	2073.03	4786.20	94.00	2.31	0.62	2.22
	10360.00	91.20	180.18	239.2	-4804.90	982.09	6846.02	2071.02	4880.65	95.00	0.11	-0.03	0.11
	10455.00	88.74	179.40	239.2	-4899.89	982.44	6846.07	2071.07	4975.17	95.00	2.72	-2.59	-0.82
	10549.00	89.38	179.16	241.9	-4993.87	983.62	6847.61	2072.61	5068.77	94.00	0.73	0.68	-0.26
	10644.00	91.97	180.95	244.6	-5088.85	983.53	6846.49	2071.49	5163.23	95.00	3.31	2.73	1.88
	10738.00	91.75	179.00	244.6	-5182.80	983.57	6843.44	2068.44	5256.68	94.00	2.09	-0.23	-2.07
	10833.00	90.06	180.93	244.6	-5277.78	983.63	6841.94	2066.94	5351.16	95.00	2.70	-1.78	2.03
	11023.00	89.48	180.29	247.3	-5467.76	981.60	6842.70	2067.70	5539.92	190.00	0.45	-0.31	-0.34
	11117.00	89.23	180.20	247.3	-5561.76	981.20	6843.76	2068.76	5633.36	94.00	0.28	-0.27	-0.10
	11212.00	88.98	180.46	250.0	-5656.74	980.66	6845.24	2070.24	5727.79	95.00	0.38	-0.26	0.27
	11306.00	88.61	180.17	250.0	-5750.72	980.14	6847.22	2072.22	5821.21	94.00	0.50	-0.39	-0.31
	11401.00	90.43	181.00	250.0	-5845.71	979.17	6848.02	2073.02	5915.59	95.00	2.11	1.92	0.87
	11495.00	89.11	179.92	250.0	-5939.70	978.41	6848.39	2073.39	6009.00	94.00	1.81	-1.40	-1.15
	11685.00	89.91	180.76	250.0	-6129.69	977.29	6850.02	2075.02	6197.85	190.00	0.61	0.42	0.44
	11780.00	89.91	180.43	252.7	-6224.68	976.30	6850.17	2075.17	6292.24	95.00	0.35	0.00	-0.35
	11874.00	90.18	180.42	252.7	-6318.68	975.60	6850.09	2075.09	6385.66	94.00	0.29	0.29	-0.01
	11969.00	89.63	180.77	255.4	-6413.67	974.62	6850.25	2075.25	6480.04	95.00	0.69	-0.58	0.37
	12063.00	89.60	180.48	255.4	-6507.66	973.59	6850.88	2075.88	6573.43	94.00	0.31	-0.03	-0.31
	12158.00	89.69	180.53	258.1	-6602.66	972.75	6851.47	2076.47	6667.83	95.00	0.11	0.09	0.05
	12253.00	89.23	180.13	258.1	-6697.65	972.21	6852.37	2077.37	6762.25	95.00	0.64	-0.48	-0.42
	12348.00	90.15	179.14	228.4	-6792.65	972.81	6852.88	2077.88	6856.80	95.00	1.42	0.97	-1.04
	12443.00	89.66	178.98	260.8	-6887.63	974.37	6853.04	2078.04	6951.44	95.00	0.54	-0.52	-0.17
	12537.00	89.88	180.22	260.8	-6981.63	975.03	6853.42	2078.42	7045.00	94.00	1.34	0.23	1.32
	12632.00	89.54	178.17	263.5	-7076.61	976.36	6853.90	2078.90	7139.62	95.00	2.19	-0.36	-2.16
	12726.00	90.34	180.03	263.5	-7170.60	977.84	6854.00	2079.00	7233.25	94.00	2.15	0.85	1.98
	12821.00	90.15	179.38	263.5	-7265.59	978.33	6853.59	2078.59	7327.79	95.00	0.71	-0.20	-0.68
	12916.00	90.34	179.40	263.5	-7360.59	979.34	6853.18	2078.18	7422.38	95.00	0.20	0.20	0.02
	13010.00	90.34	179.86	266.2	-7454.58	979.94	6852.63	2077.63	7515.93	94.00	0.49	0.00	0.49
	13105.00	90.40	178.33	266.2	-7549.57	981.45	6852.01	2077.01	7610.56	95.00	1.61	0.06	-1.61
	13199.00	90.52	177.95	266.2	-7643.51	984.50	6851.26	2076.26	7704.32	94.00	0.42	0.13	-0.40
	13294.00	90.28	178.45	266.2	-7738.46	987.48	6850.59	2075.59	7799.07	95.00	0.58	-0.25	0.53
	13388.00	90.03	179.26	263.5	-7832.44	989.36	6850.34	2075.34	7892.75	94.00	0.90	-0.27	0.86
	13483.00	90.25	179.76	263.5	-7927.44	990.17	6850.11	2075.11	7987.32	95.00	0.58	0.23	0.53
	13577.00	90.00	178.03	266.2	-8021.42	991.98	6849.90	2074.90	8080.98	94.00	1.86	-0.27	-1.84
	13672.00	90.37	179.67	266.2	-8116.40	993.89	6849.60	2074.60	8175.65	95.00	1.77	0.39	1.73
	13767.00	90.25	179.42	266.2	-8211.39	994.64	6849.08	2074.08	8270.21	95.00	0.29	-0.13	-0.26
	13861.00	90.18	179.47	269.0	-8305.39	995.55	6848.73	2073.73	8363.80	94.00	0.09	-0.07	0.05
	13956.00	90.03	178.72	269.0	-8400.37	997.06	6848.56	2073.56	8458.43	95.00	0.81	-0.16	-0.79
	14050.00	90.28	178.99	269.0	-8494.35	998.93	6848.30	2073.30	8552.10	94.00	0.39	0.27	0.29
	14145.00	90.68	179.52	269.0	-8589.34	1000.17	6847.51	2072.51	8646.71	95.00	0.70	0.42	0.56
	14239.00	90.71	179.49	266.2	-8683.33	1000.98	6846.36	2071.36	8740.28	94.00	0.05	0.03	-0.03
	14334.00	89.78	178.86	266.2	-8778.32	1002.35	6845.96	2070.96	8834.90	95.00	1.18	-0.98	-0.66
	14429.00	89.97	179.00	287.9	-8873.30	1004.12	6846.17	2071.17	8929.56	95.00	0.25	0.20	0.15
	14523.00	90.34	177.27	266.2	-8967.25	1007.18	6845.91	2070.91	9023.32	94.00	1.88	0.39	-1.84
	14618.00	89.69	178.25	269.0	-9062.17	1010.89	6845.89	2070.89	9118.12	95.00	1.24	-0.68	1.03
	14712.00	89.38	178.57	271.7	-9156.14	1013.50	6846.65	2071.65	9211.85	94.00	0.47	-0.33	0.34
	14807.00	90.18	180.03	271.7	-9251.12	1014.66	6847.01	2072.01	9306.45	95.00	1.75	0.84	1.54
	14902.00	89.94	180.06	271.7	-9346.12	1014.59	6846.91	2071.91	9400.93	95.00	0.25	-0.25	0.03
	14997.00	90.00	180.32	271.7	-9441.12	1014.27	6846.96	2071.96	9495.39	95.00	0.28	0.06	0.27
	15076.00	90.25	179.31	274.4	-9520.12	1014.53	6846.79	2071.79	9573.99	79.00	1.32	0.32	-1.28
Projection	15100.00	90.25	179.31	N/A	-9544.12	1014.82	6846.69	2071.69	9597.89	24.00	0.00	0.02	-0.00