

part of Baker Hughes. Unless other contract terms have been agreed to by the parties, each party's liabilities and qdnkicvkqpu"ujcnn"dg"iqxgtpgf"d{"Dcmgt"Jwi jgu"Kpeqtrqtcvgfðu"Yqtnfykfg"Vgtou"cpf"Eqpfkvkqpu0\$""

Log Run Summary

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	2.00	AutoTrak Curve	1929.00	16764.00	1939.00	16776.00	2016-12-30 05:11	2017-01-01 20:33	51.76

Crew

Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite
David Browning		2016-12-29	2017-01-02	Will Roth		2016-12-29	2017-01-02				

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+ (%)
2016-12-30 04:00	1	1939.00	Water Based Mud	8.4	27	N/A	79.0	0.5/99.5	Active Pit	600	0.00
2016-12-30 05:00	1	2000.00	Oil Based Mud	8.9	51	N/A	19.0	83.6/16.4	Active Pit	20000	0.00
2016-12-30 14:30	1	4440.00	Oil Based Mud	8.9	42	N/A	20.0	83.7/16.3	Active Pit	21000	0.00
2016-12-31 02:30	1	6840.00	Oil Based Mud	9.0	40	N/A	18.0	84.7/15.3	Active Pit	22000	0.00
2016-12-31 14:30	1	10025.00	Oil Based Mud	9.1	40	N/A	18.0	84.8/15.2	Active Pit	21000	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	13809445	Near Bit Inclination	5.93	6.73	7.000	4.330
1	ATC_SU	13809445	Near Bit VSS	5.93	6.73	7.000	4.330
1	ATC_MWD	12706130	Gamma (single)	2.23	12.35	7.000	3.250
1	ATC_MWD	12706130	Directional (mag)	12.34	22.46	7.000	3.250

Service and Tool Mnemonics


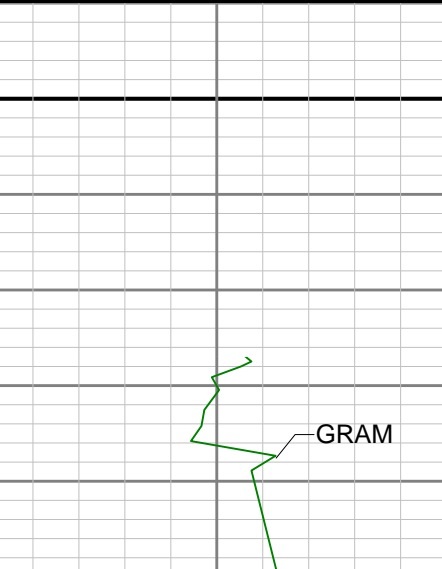

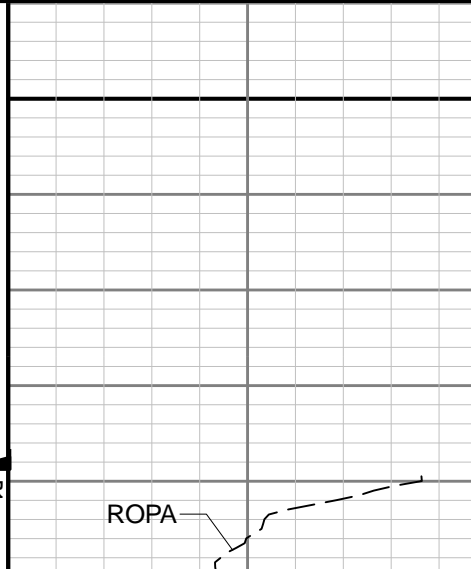
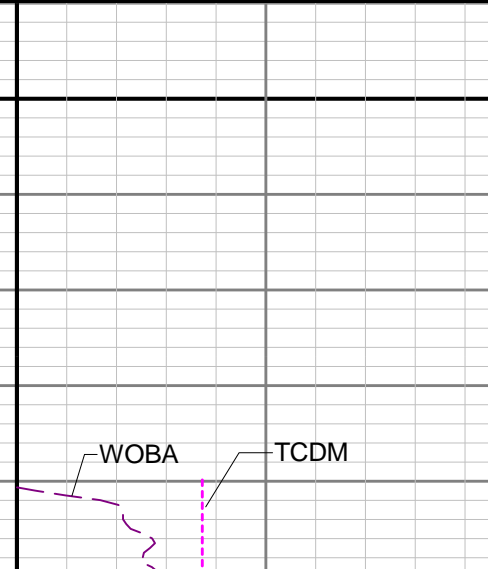
Mnemonic	Name	Description
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM

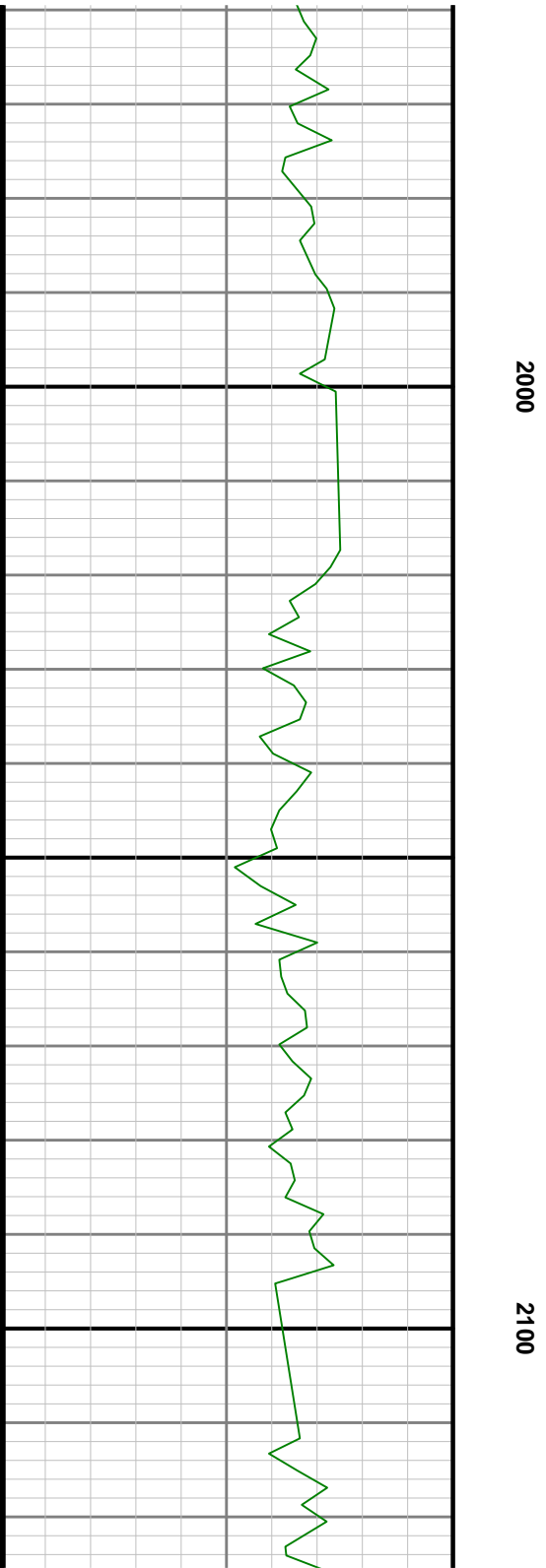
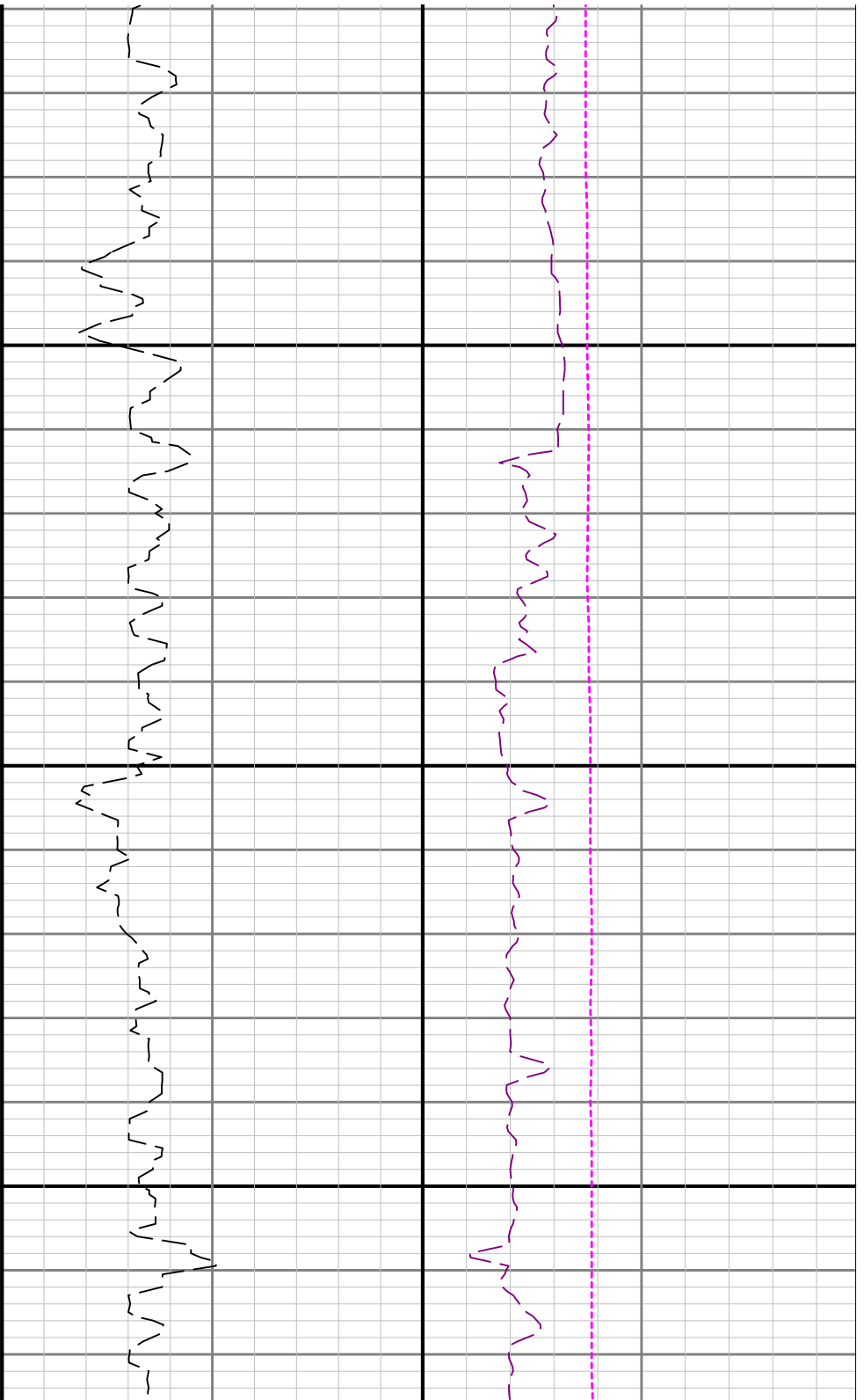
Comments

- 2 Baker Hughes LWD Run 1 utilized a 6 3/4 inch NaviGamma services (Gamma Ray and Directional) behind a 8 1/2 inch bit and rotary steerable assembly from 1939 to 16776 feet MD (1939 to 6047 feet TVD).

Curve Mnemonics

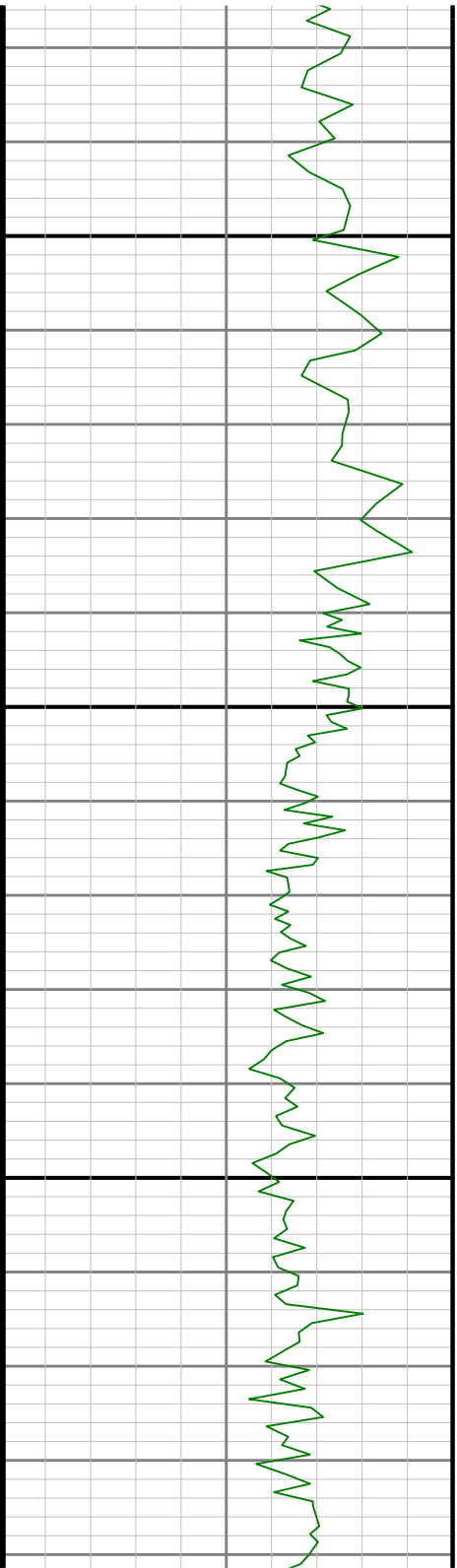
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent 0.5 ft Average	API
TCDM	Downhole Temperature	degF

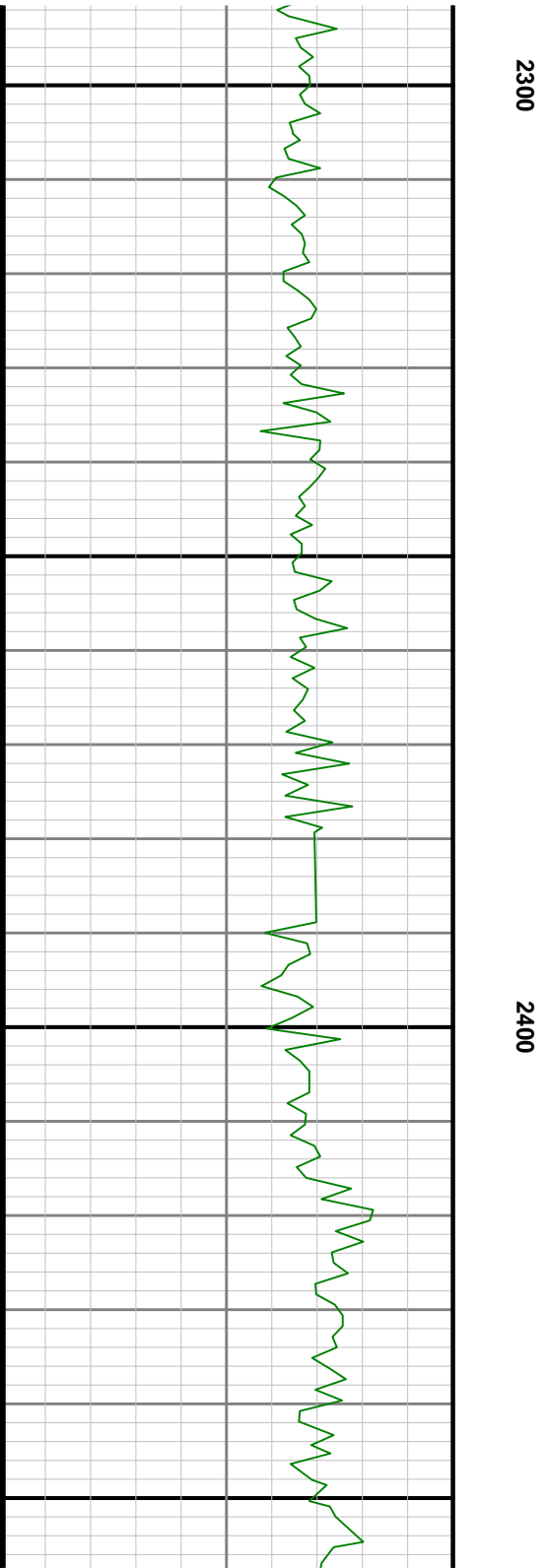
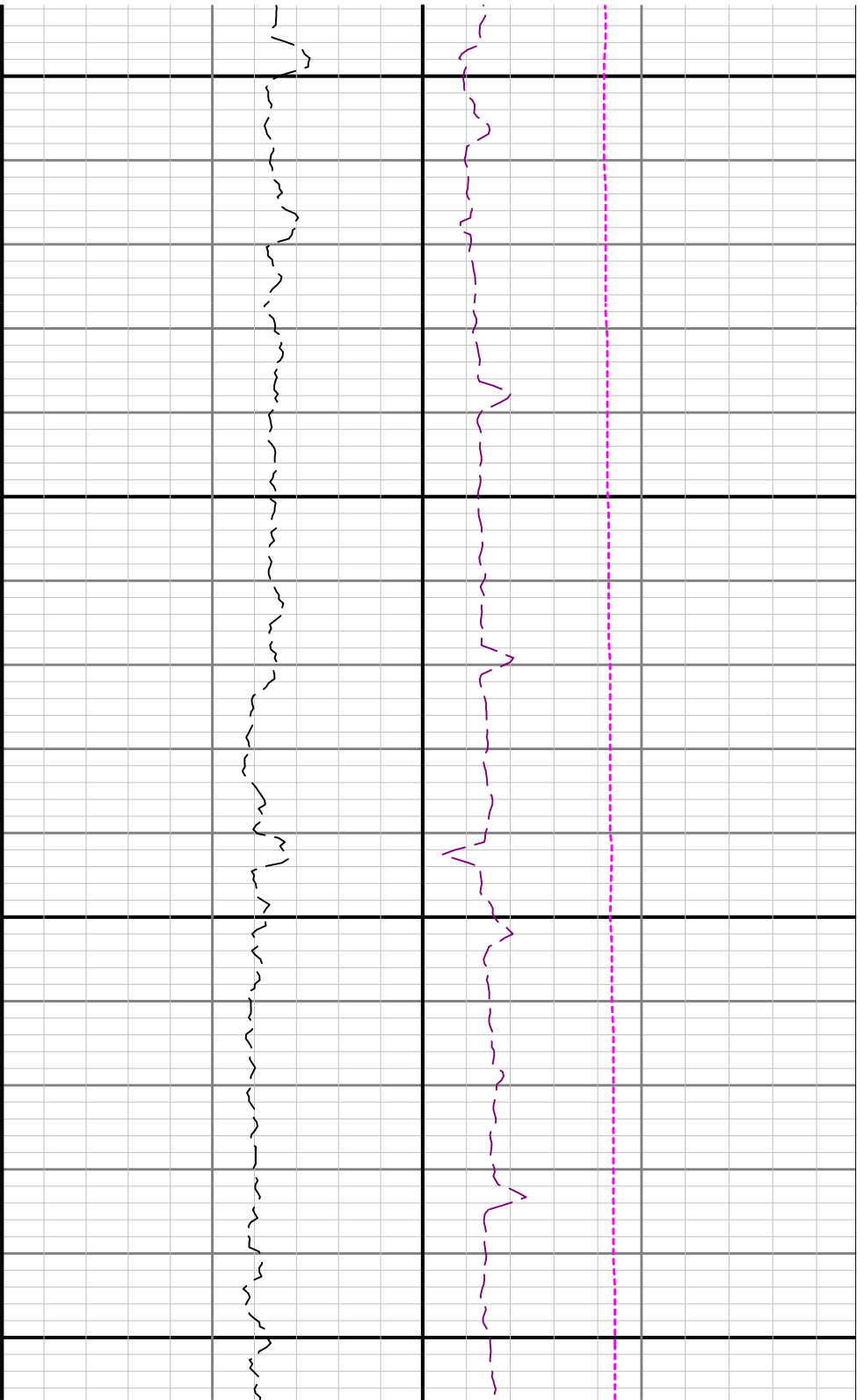
		Company Noble Energy Well Earp Federal LC23-740 Interval 1929.00 - 16776.00 Created 2017-01-02 09:00	Date From: 2016-12-29 22:11:18 Date To: 2017-01-01 13:31:27 Top: 1929.00 Bottom: 16776.00
Gamma Ray - Apparent 0.5 ft Average GRAM 0 150 API	TVD 1:240 feet 1900	Depth Averaged ROP 3 ft Average ROPA 1000 0 ft/h	Weight On Bit, Average 1 ft Average WOBA 0 50 klb Downhole Temperature TCDM 0 250 degF
			

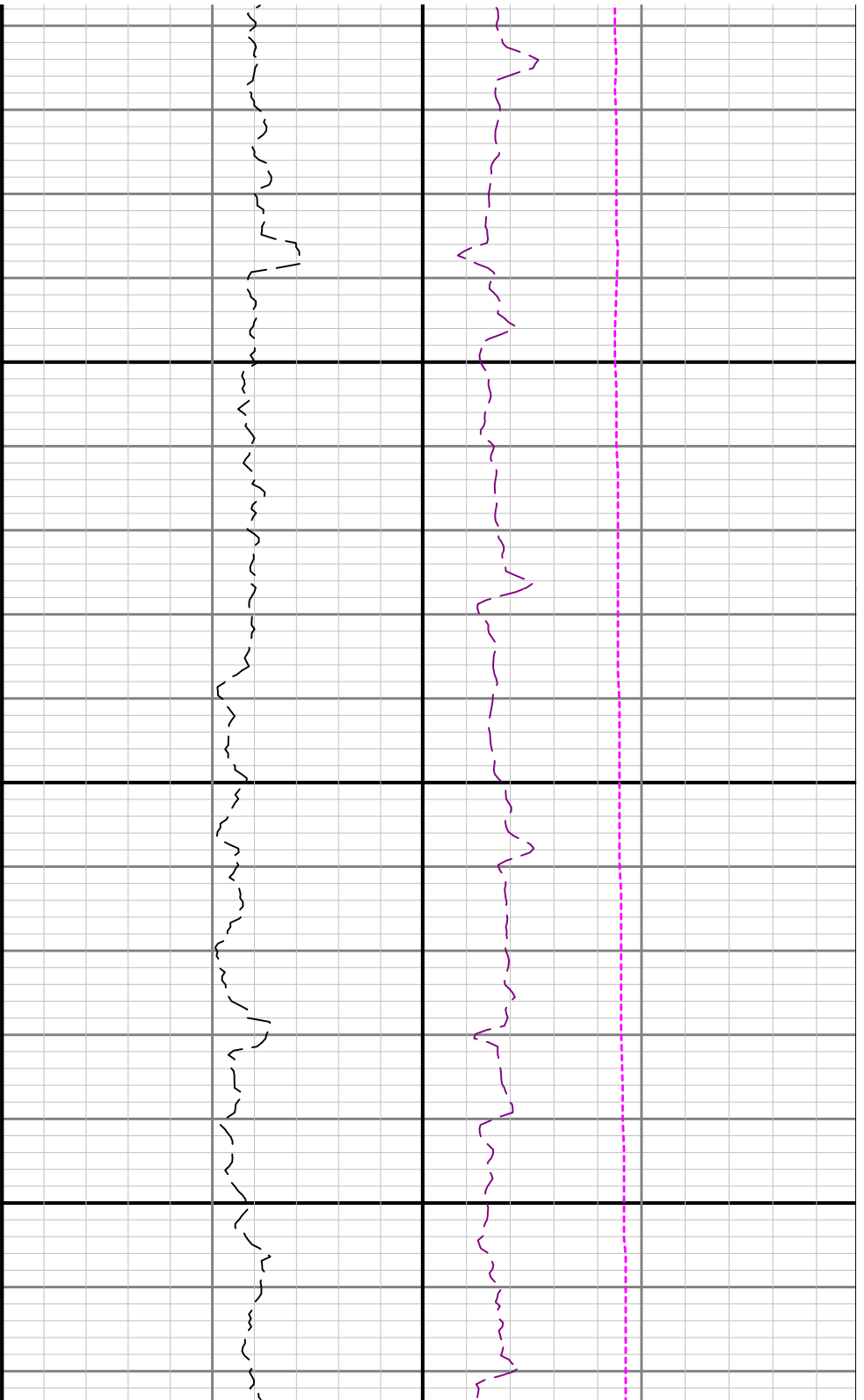




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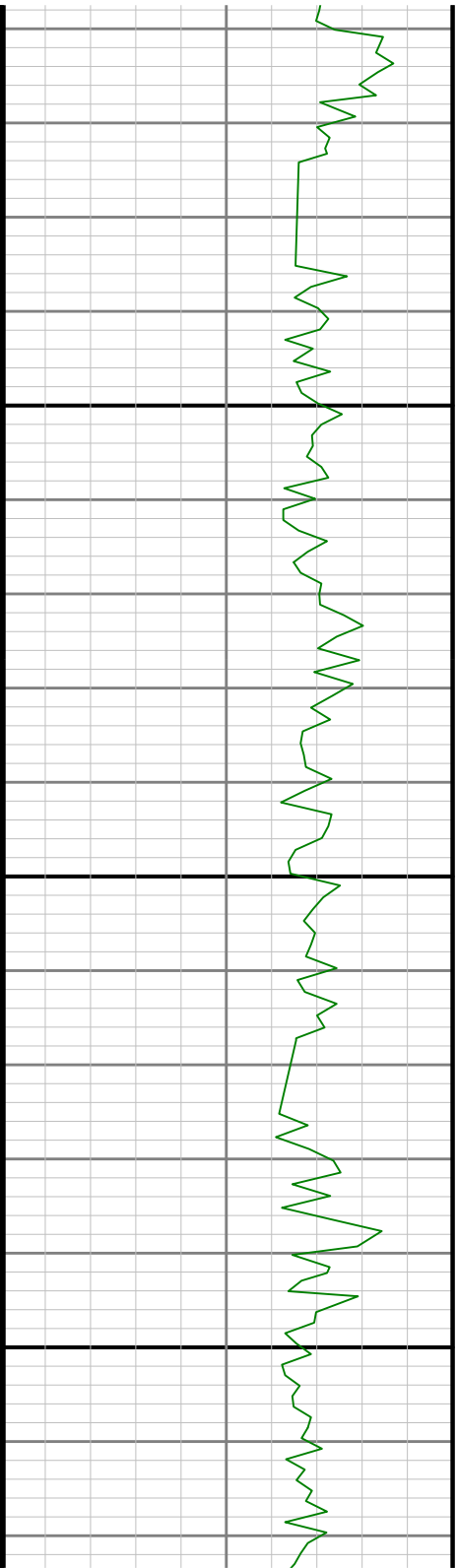


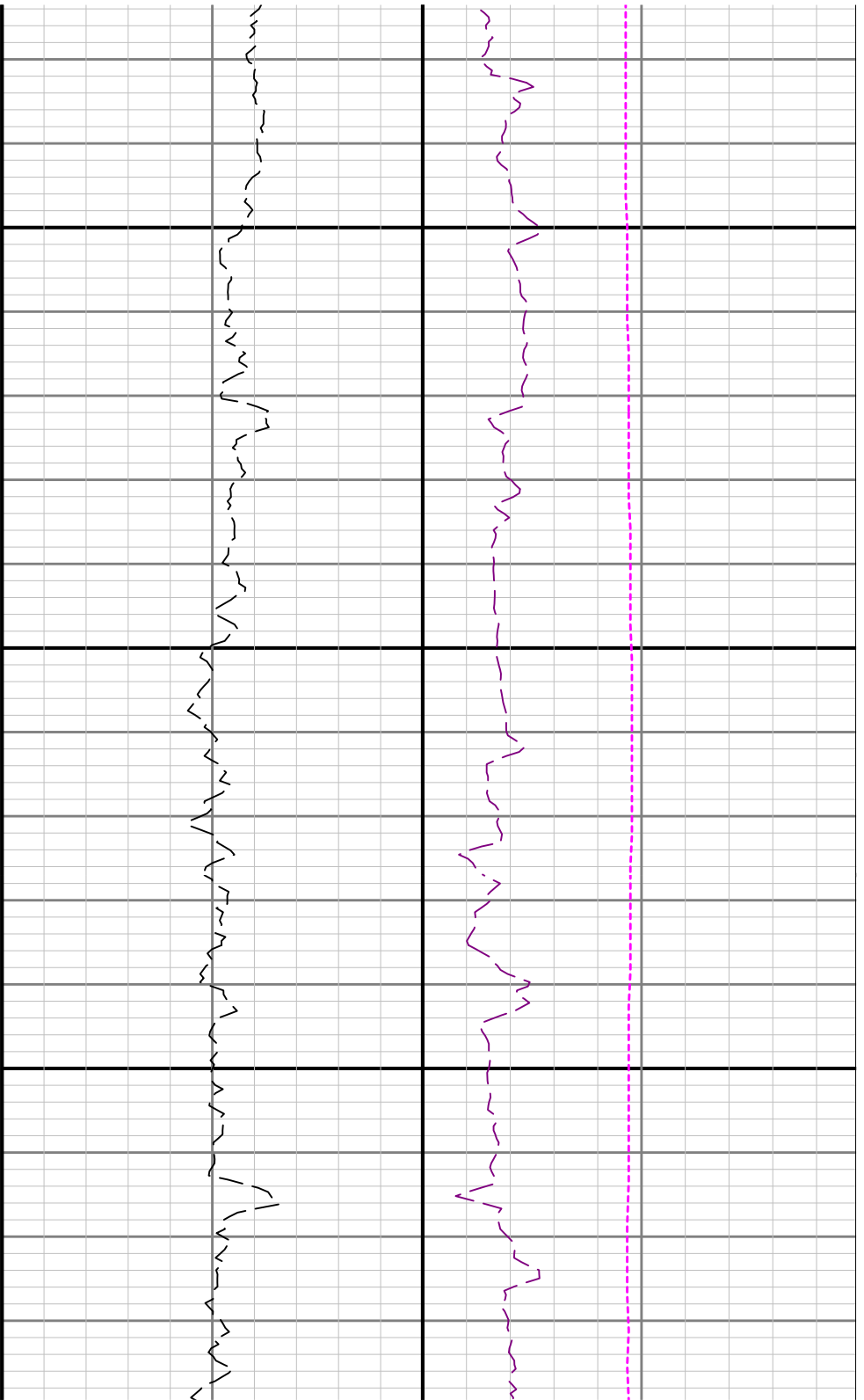




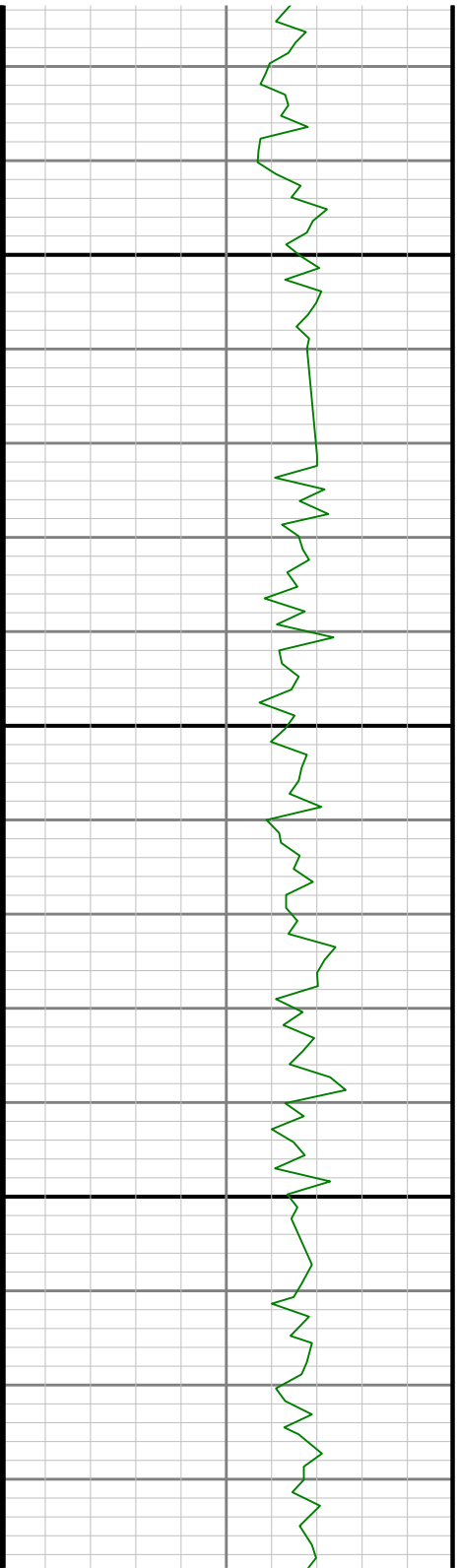
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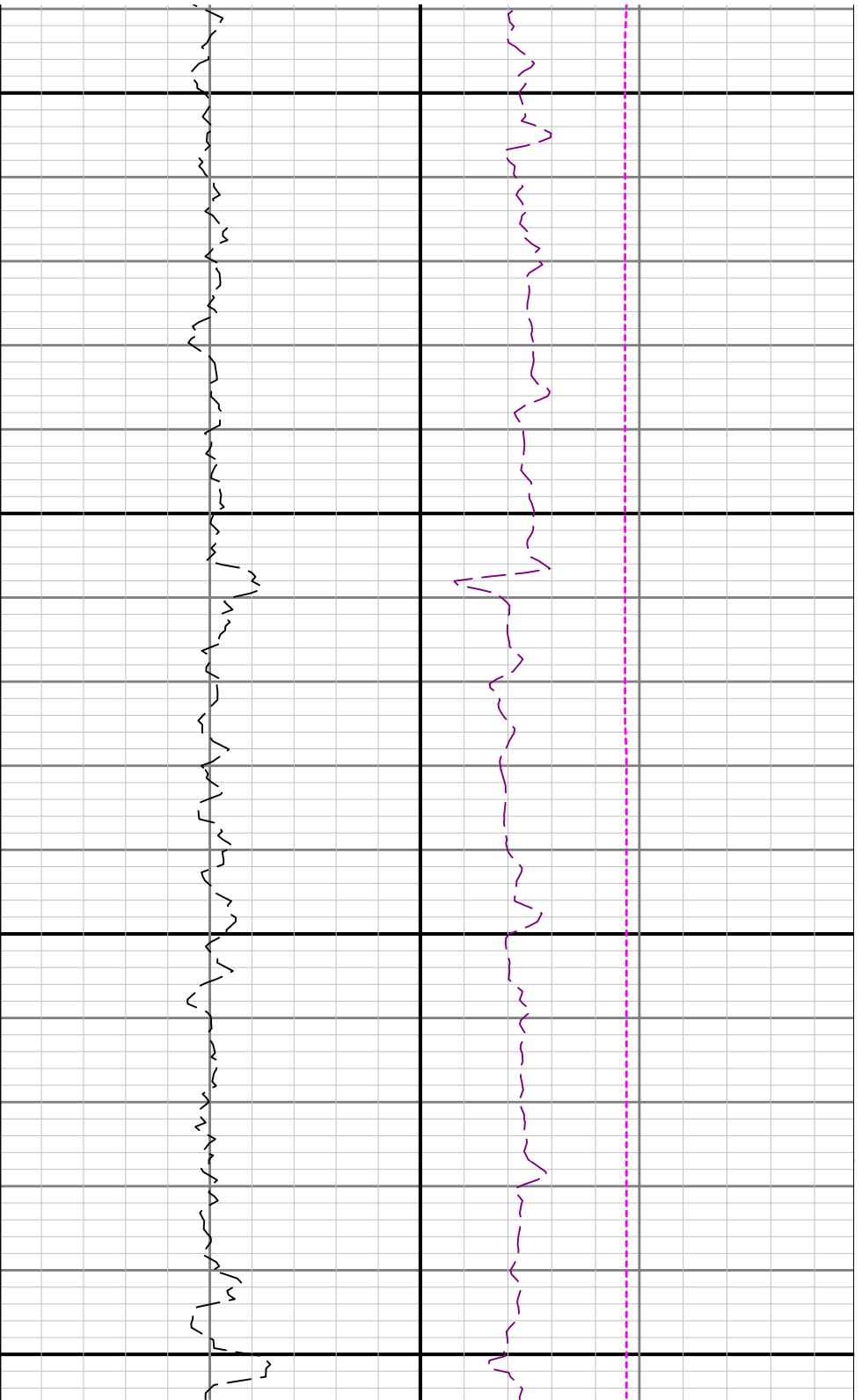
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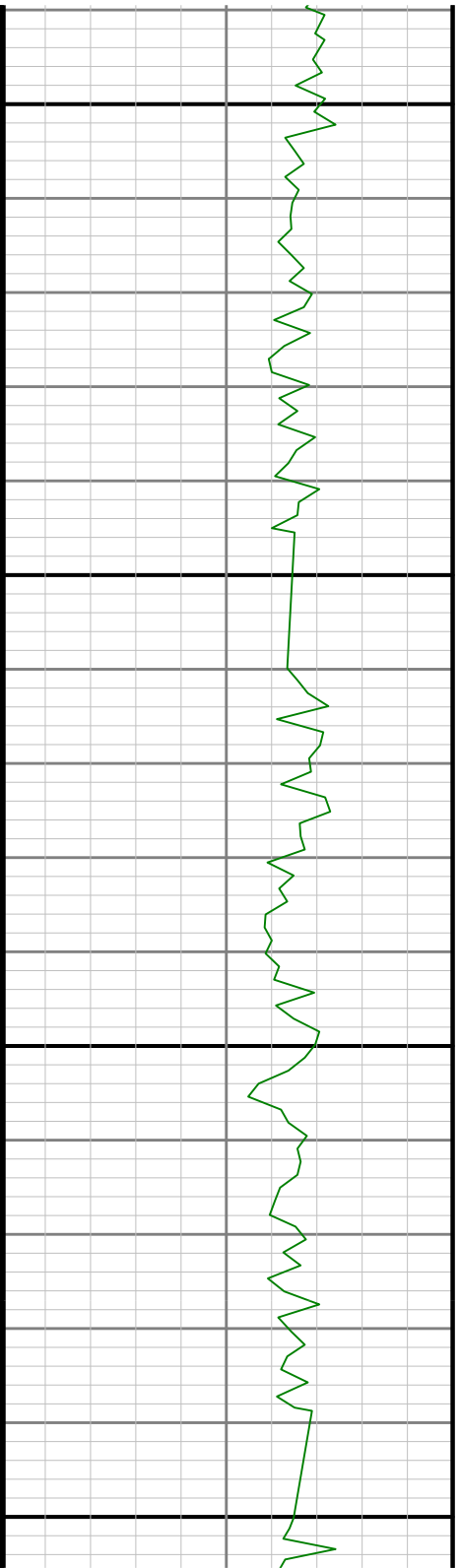
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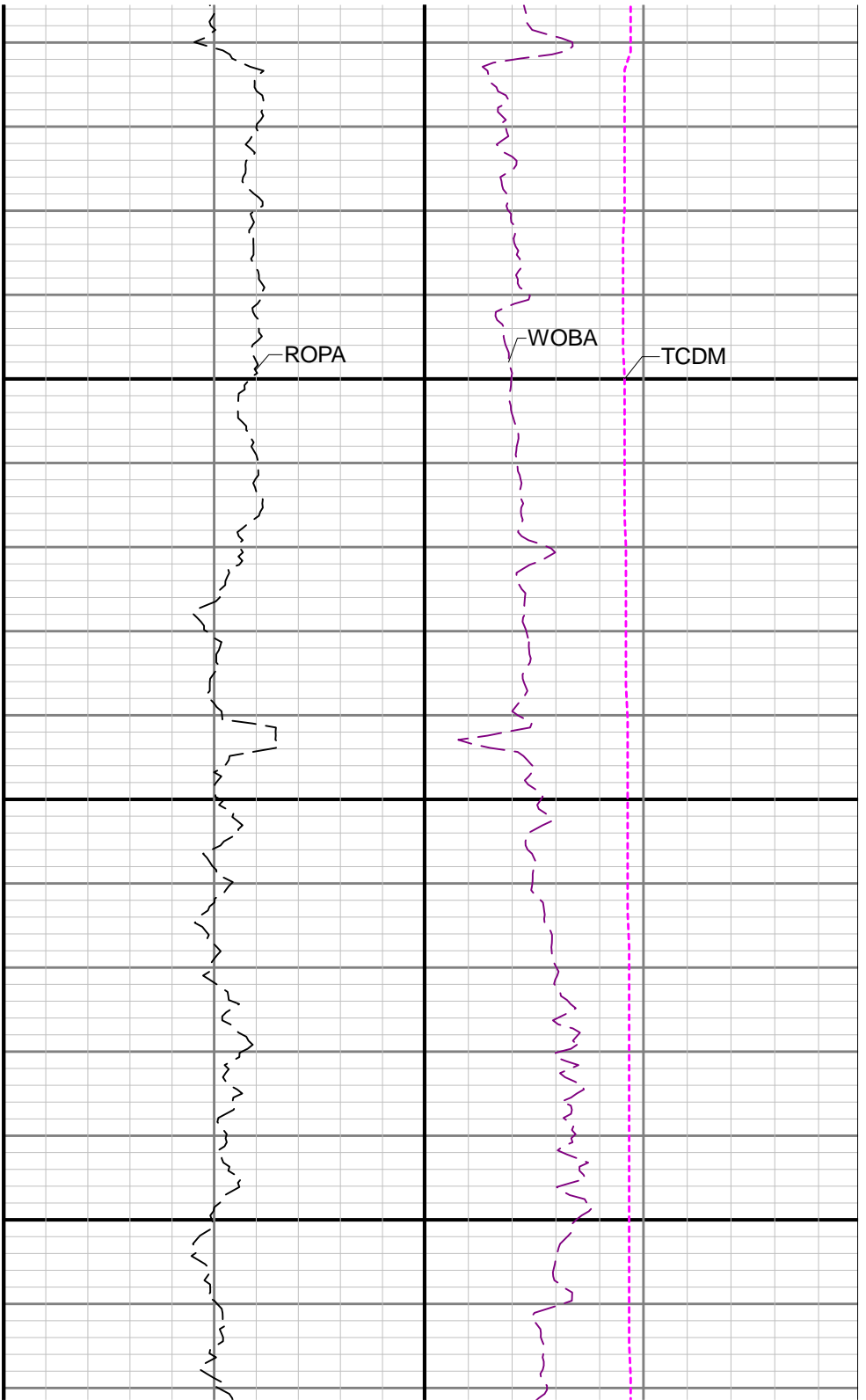
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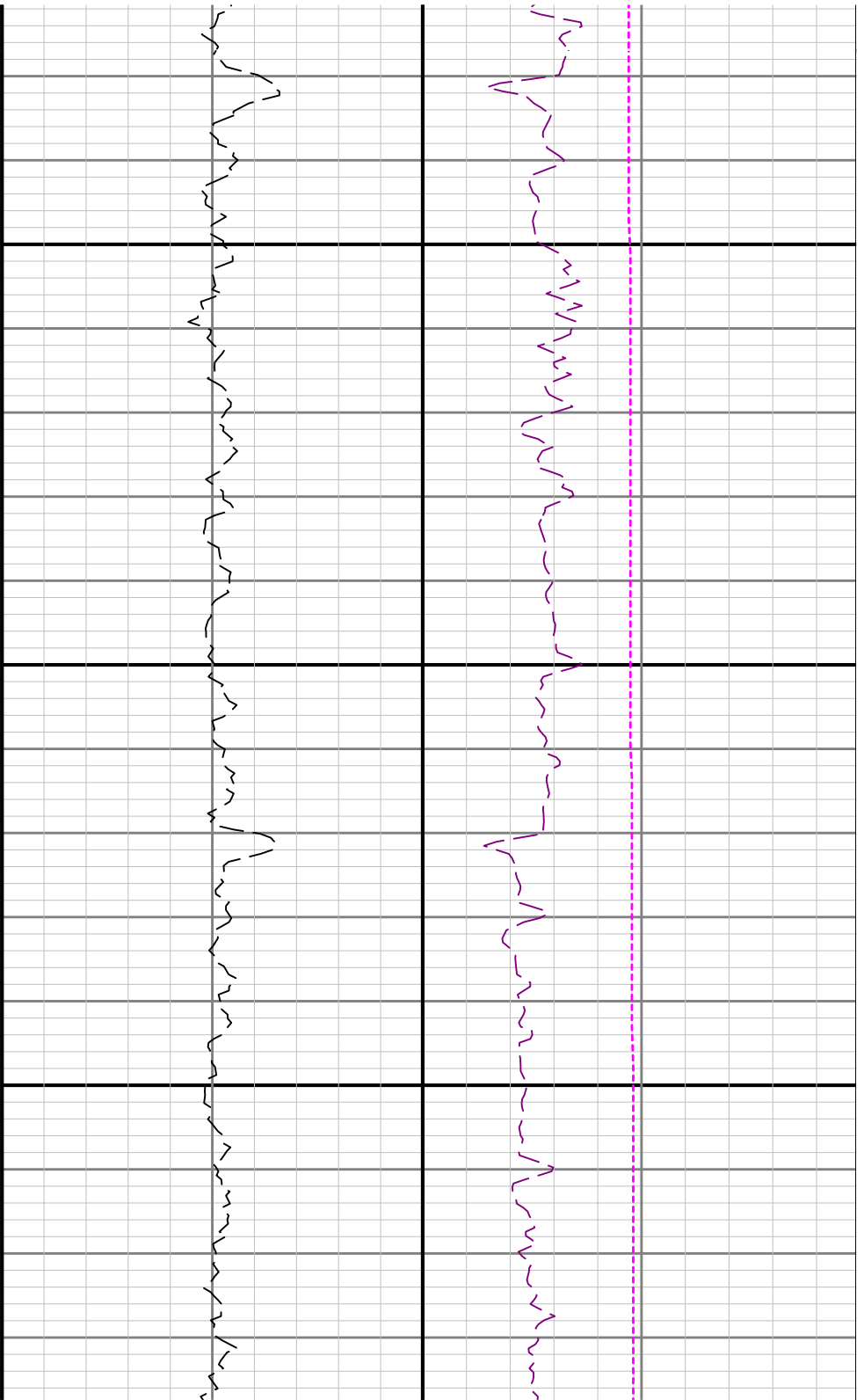




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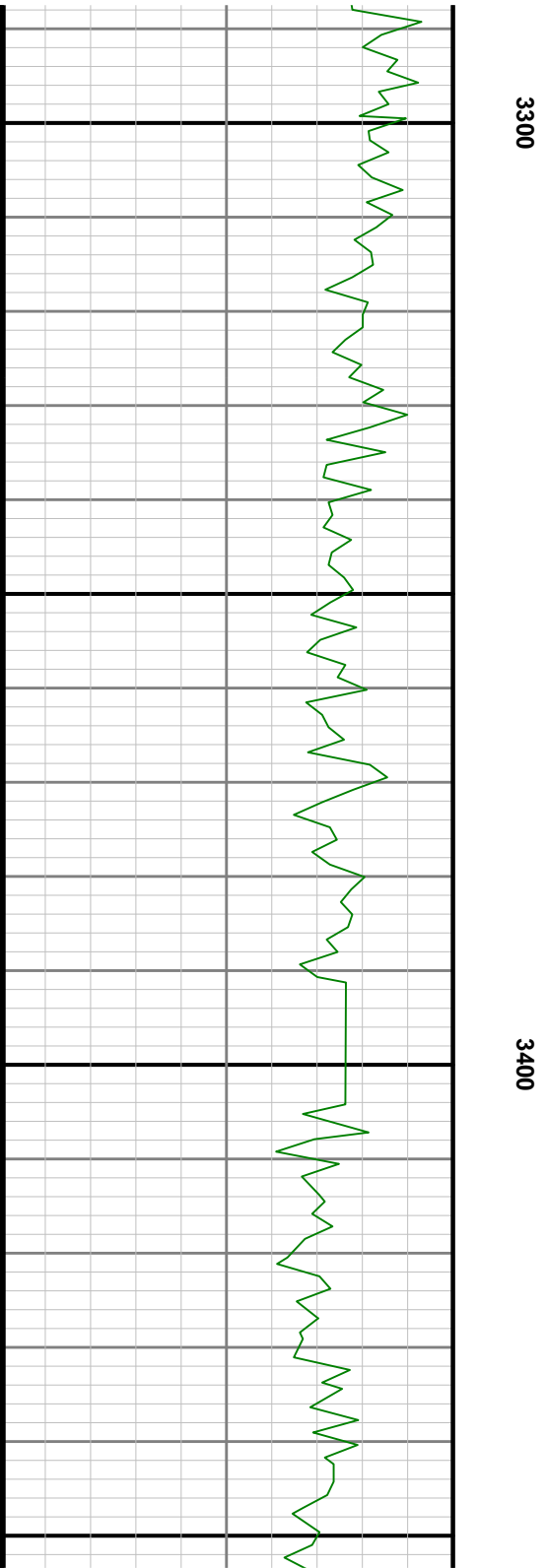
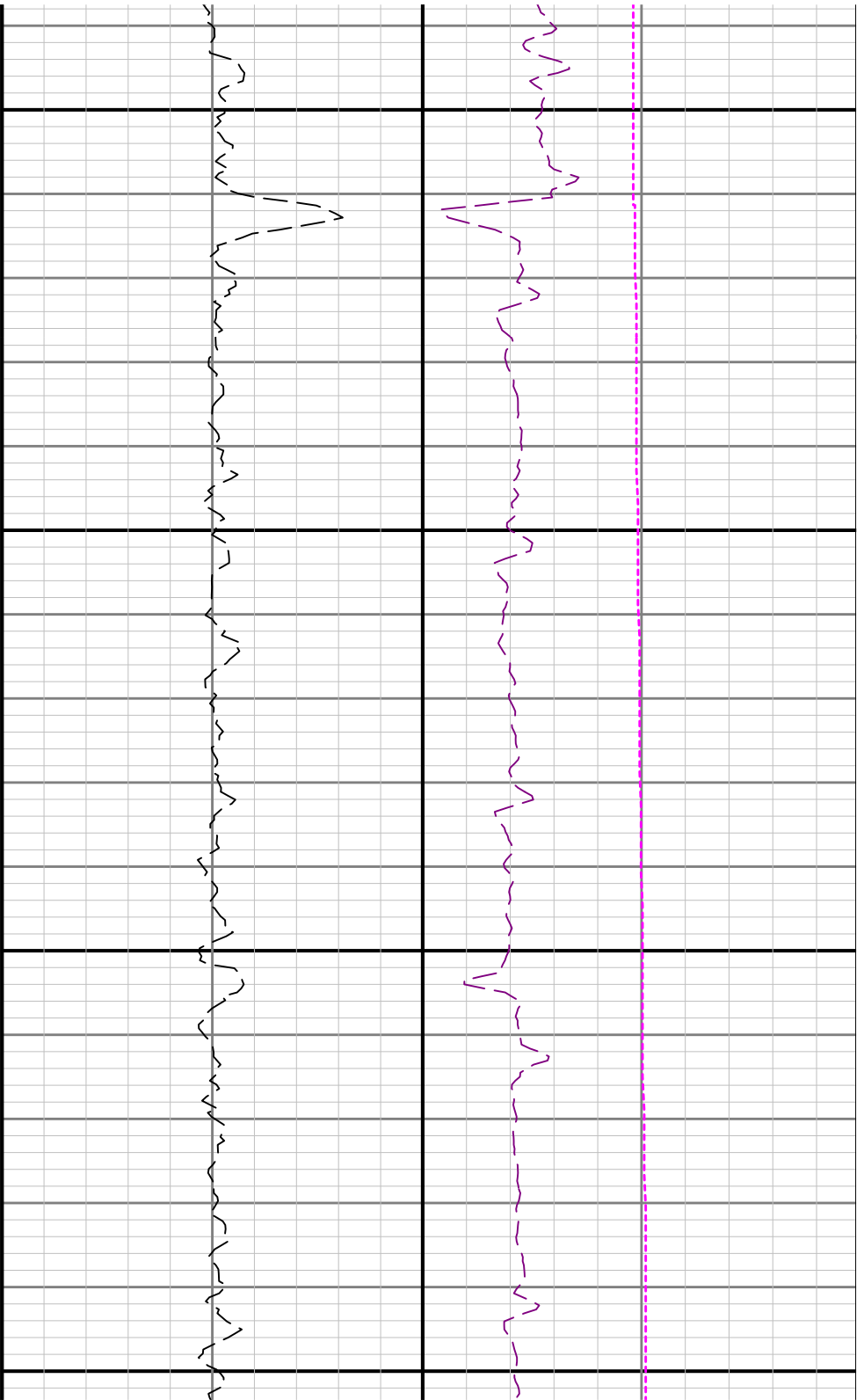
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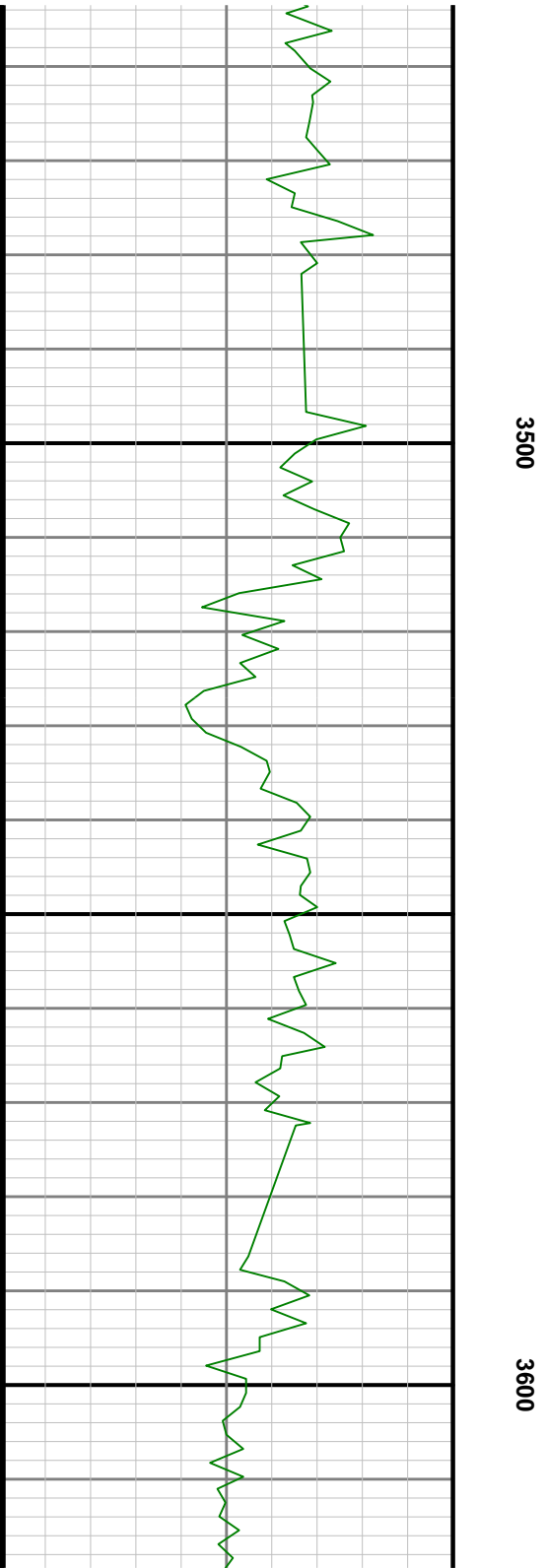
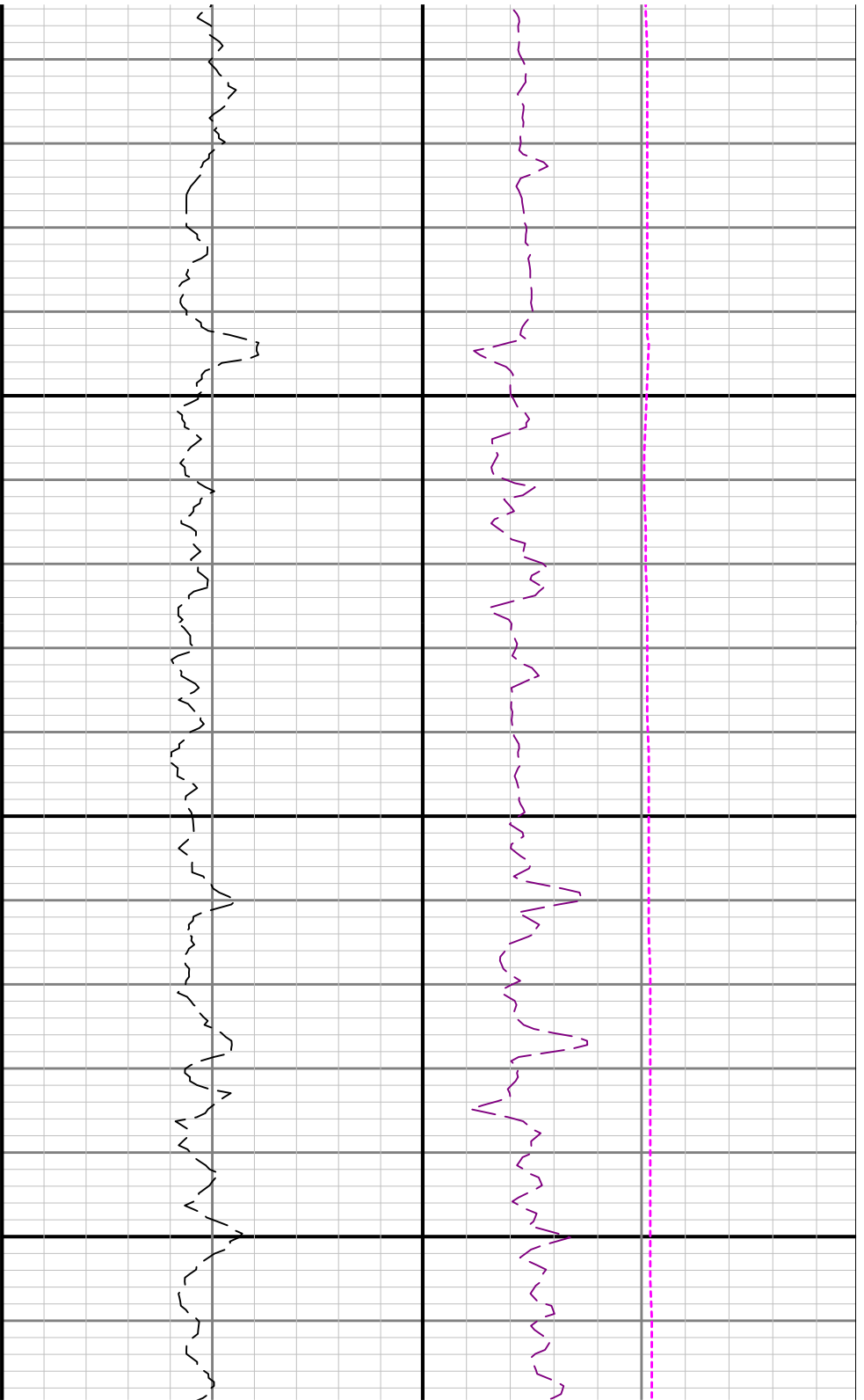


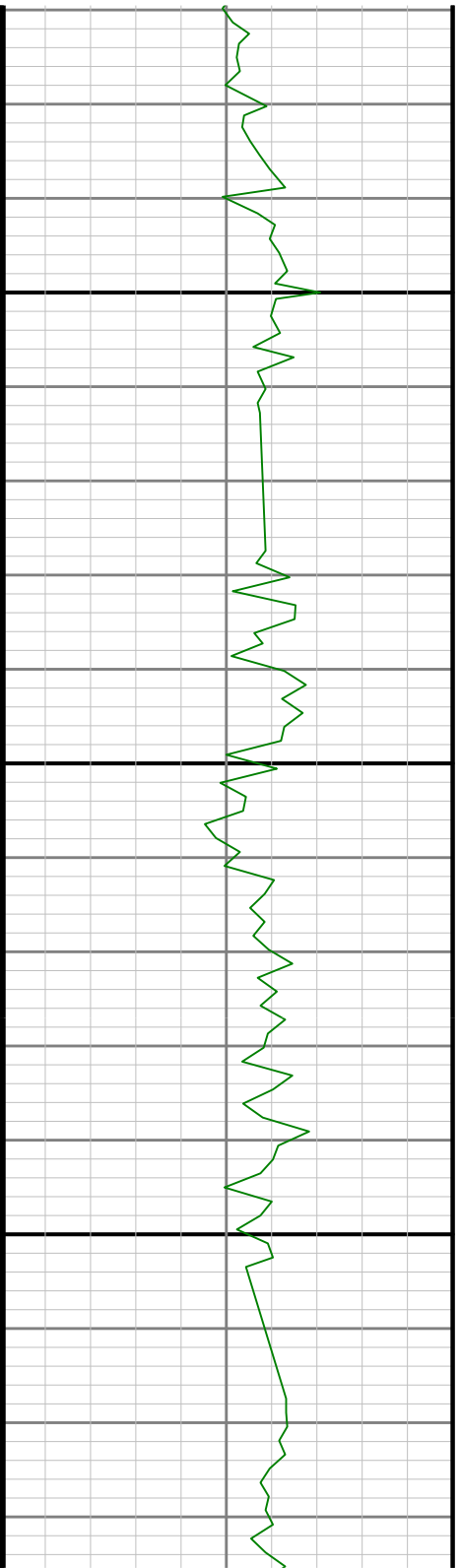
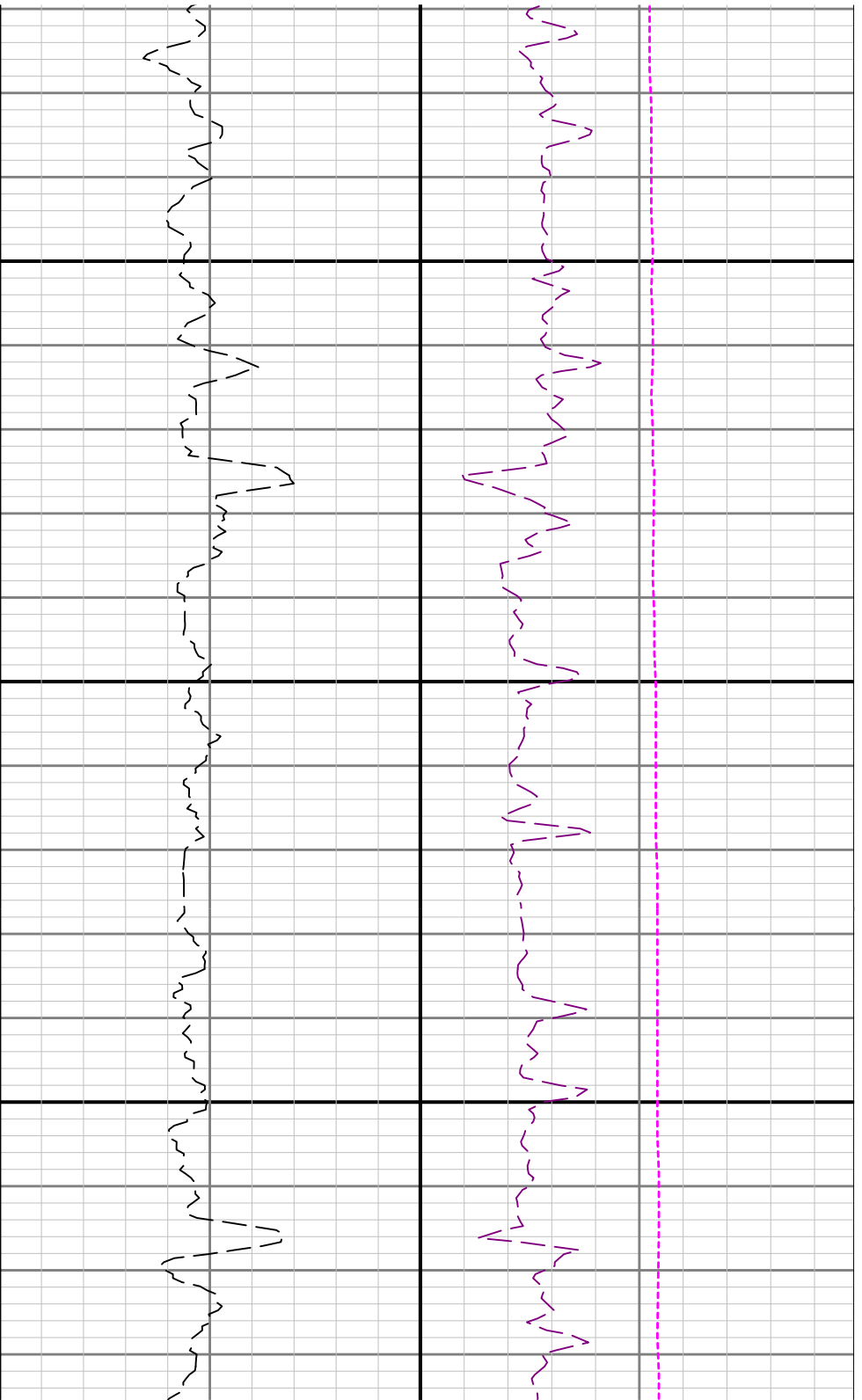


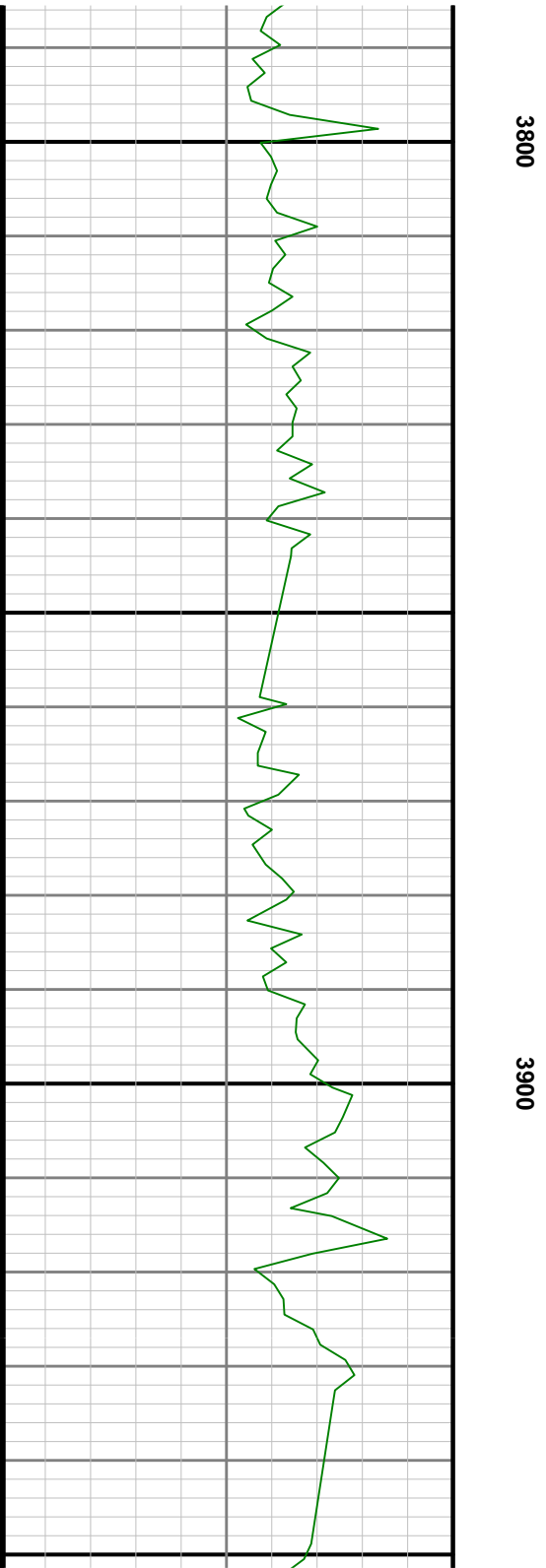
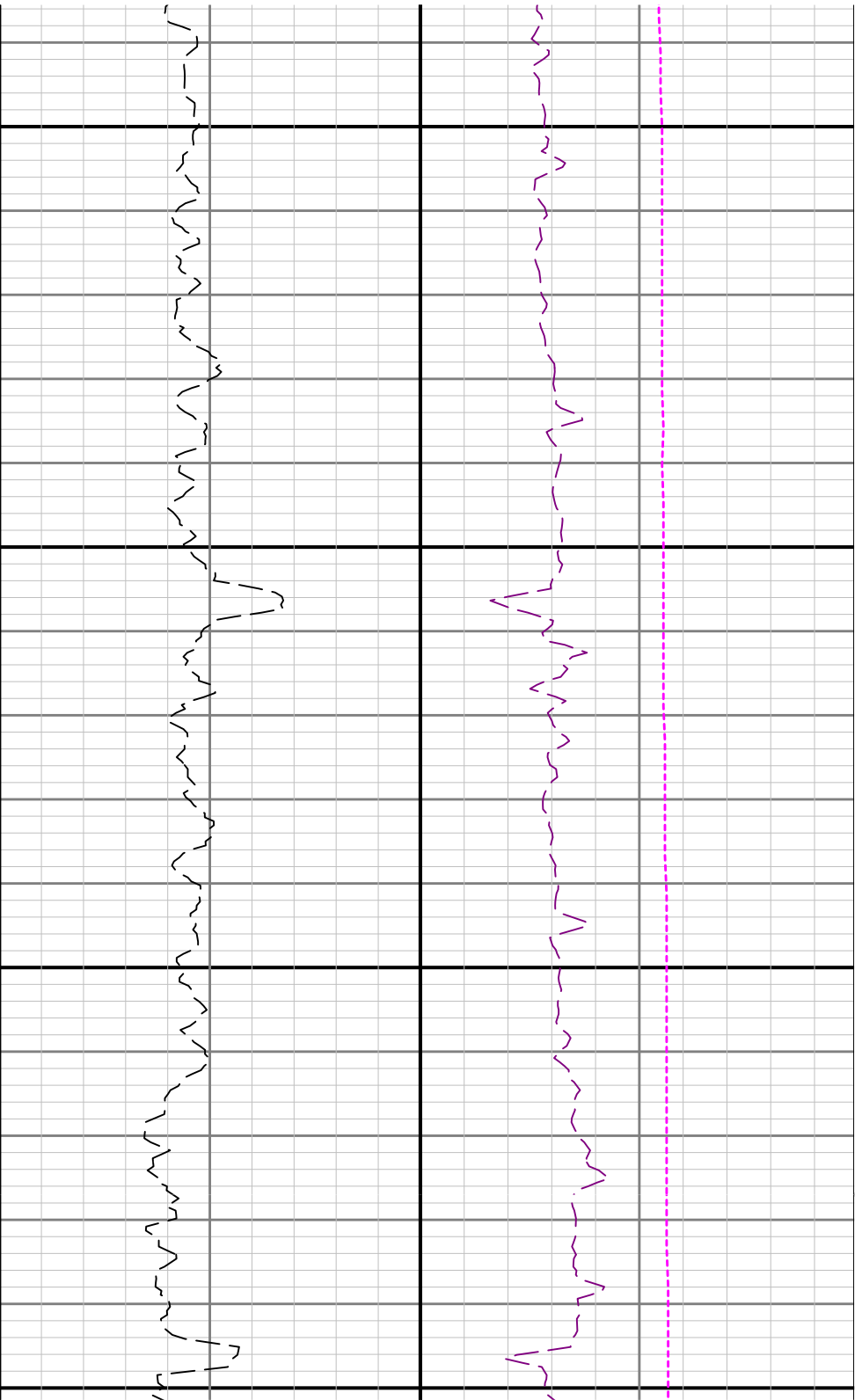
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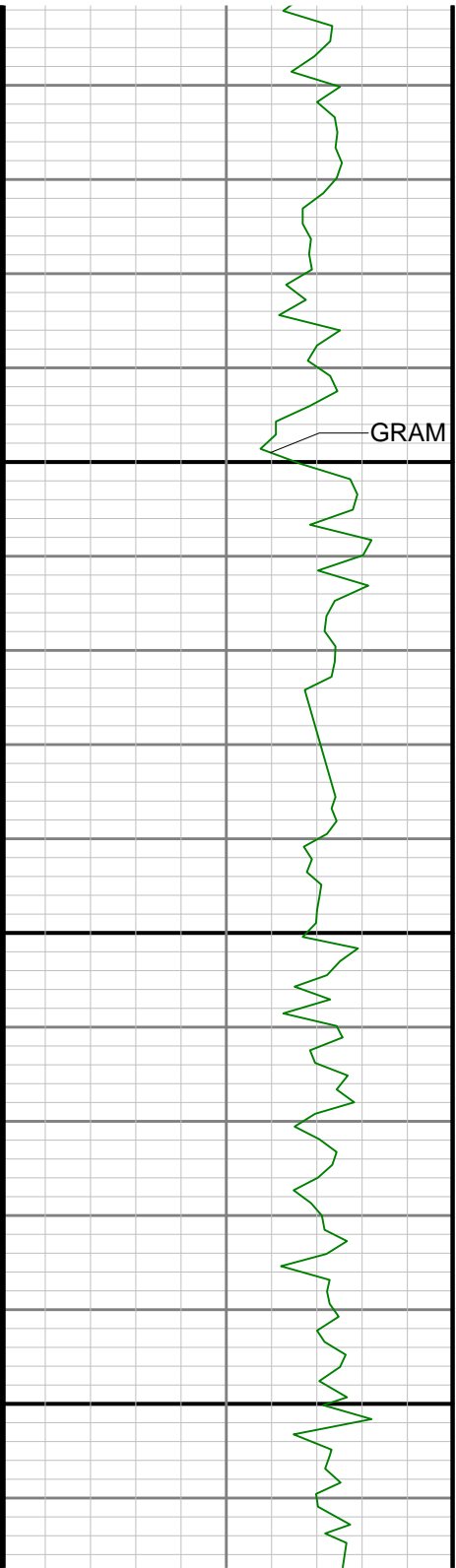






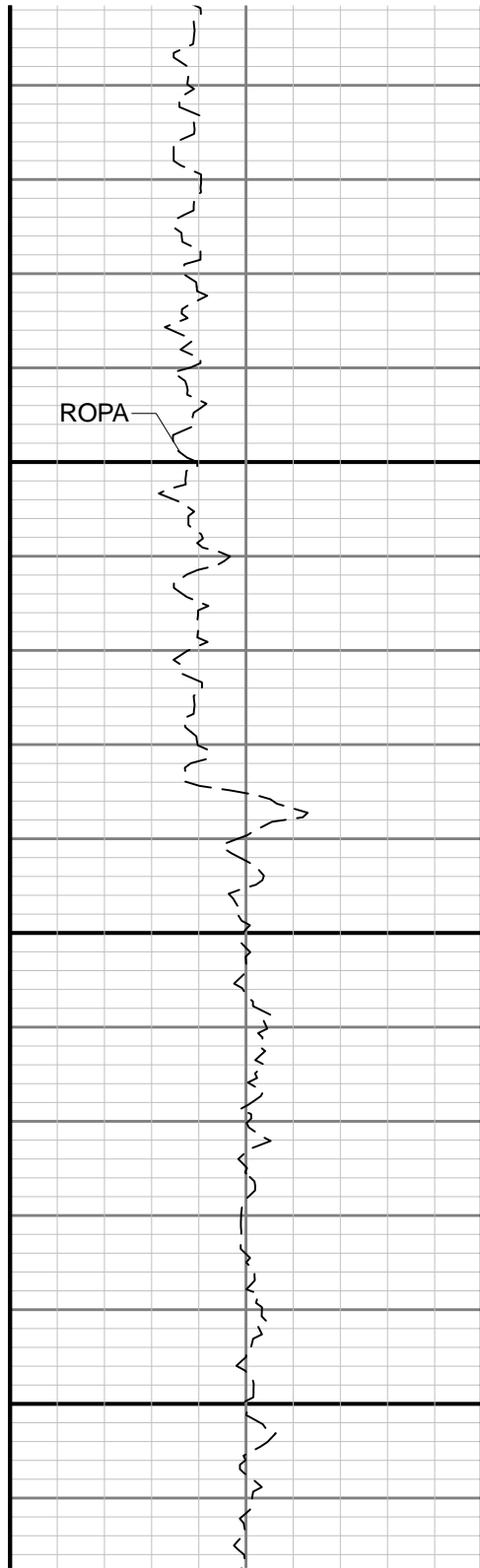






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4100

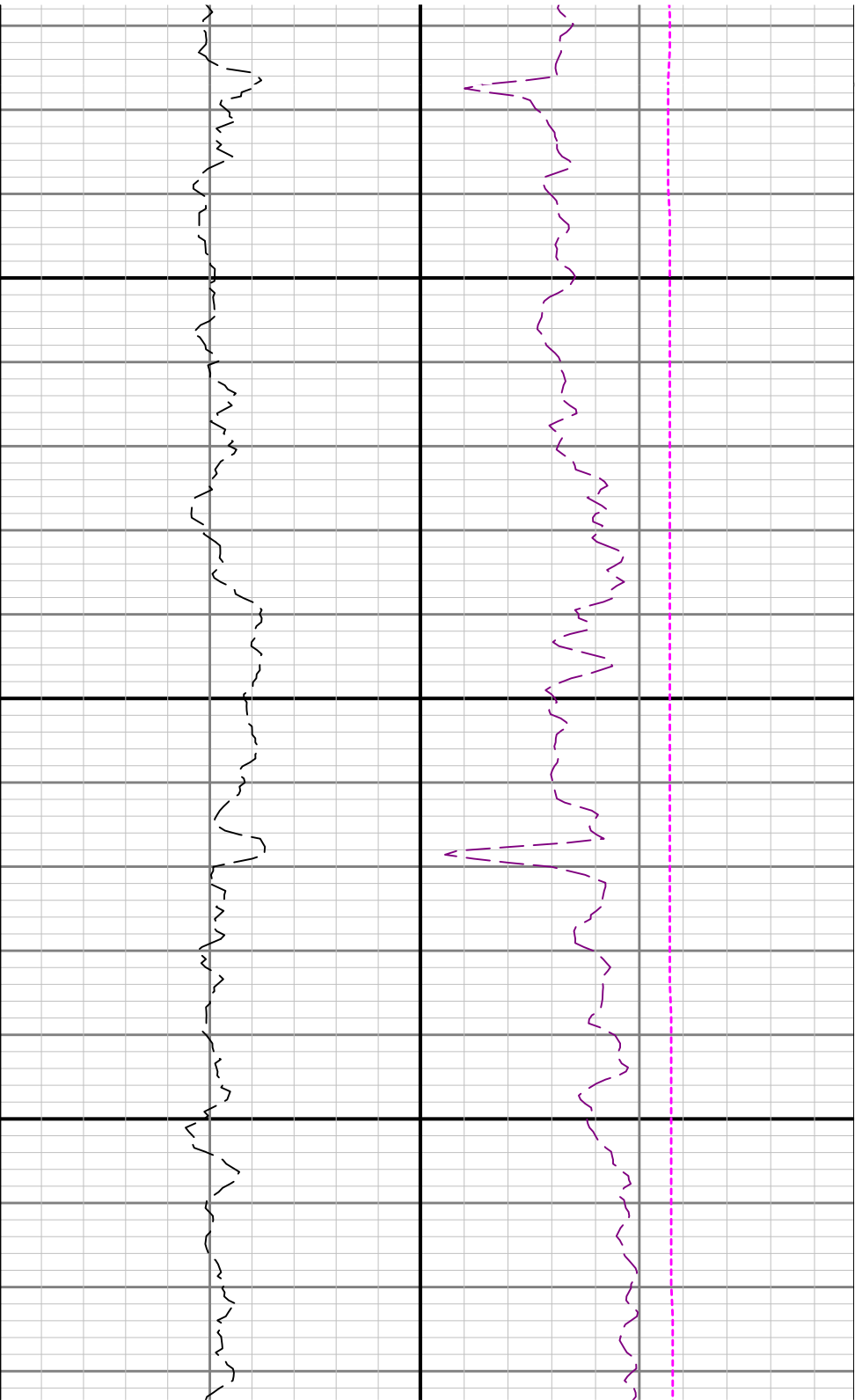


ROPA

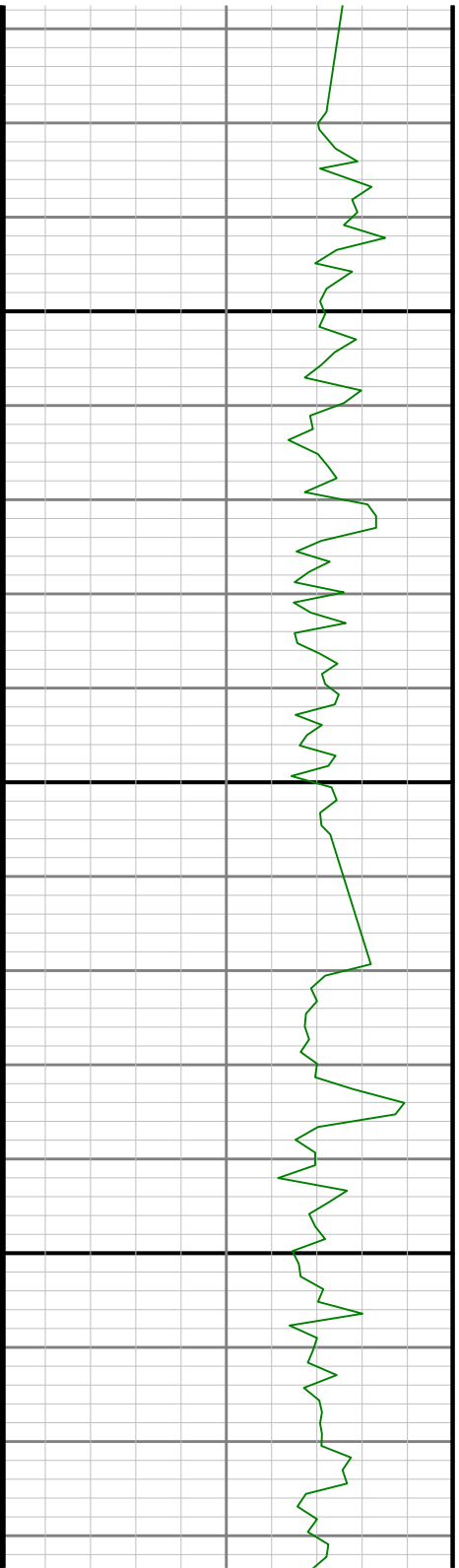


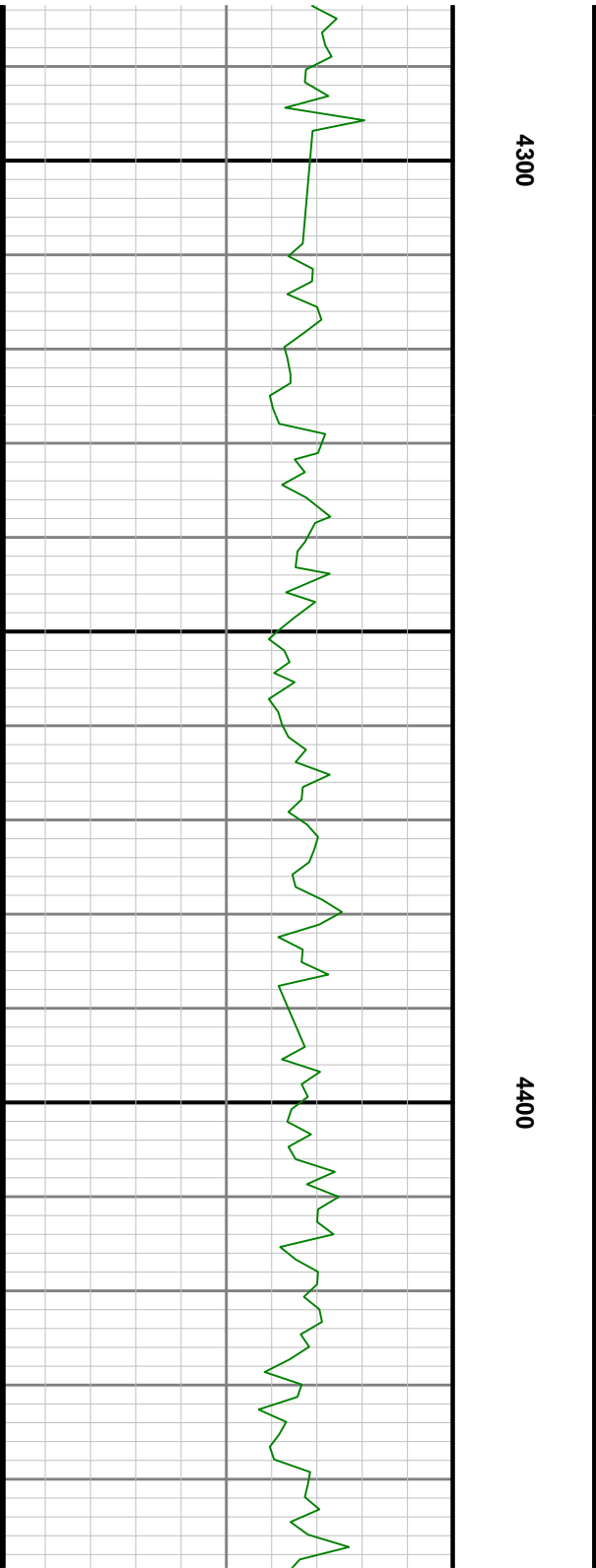
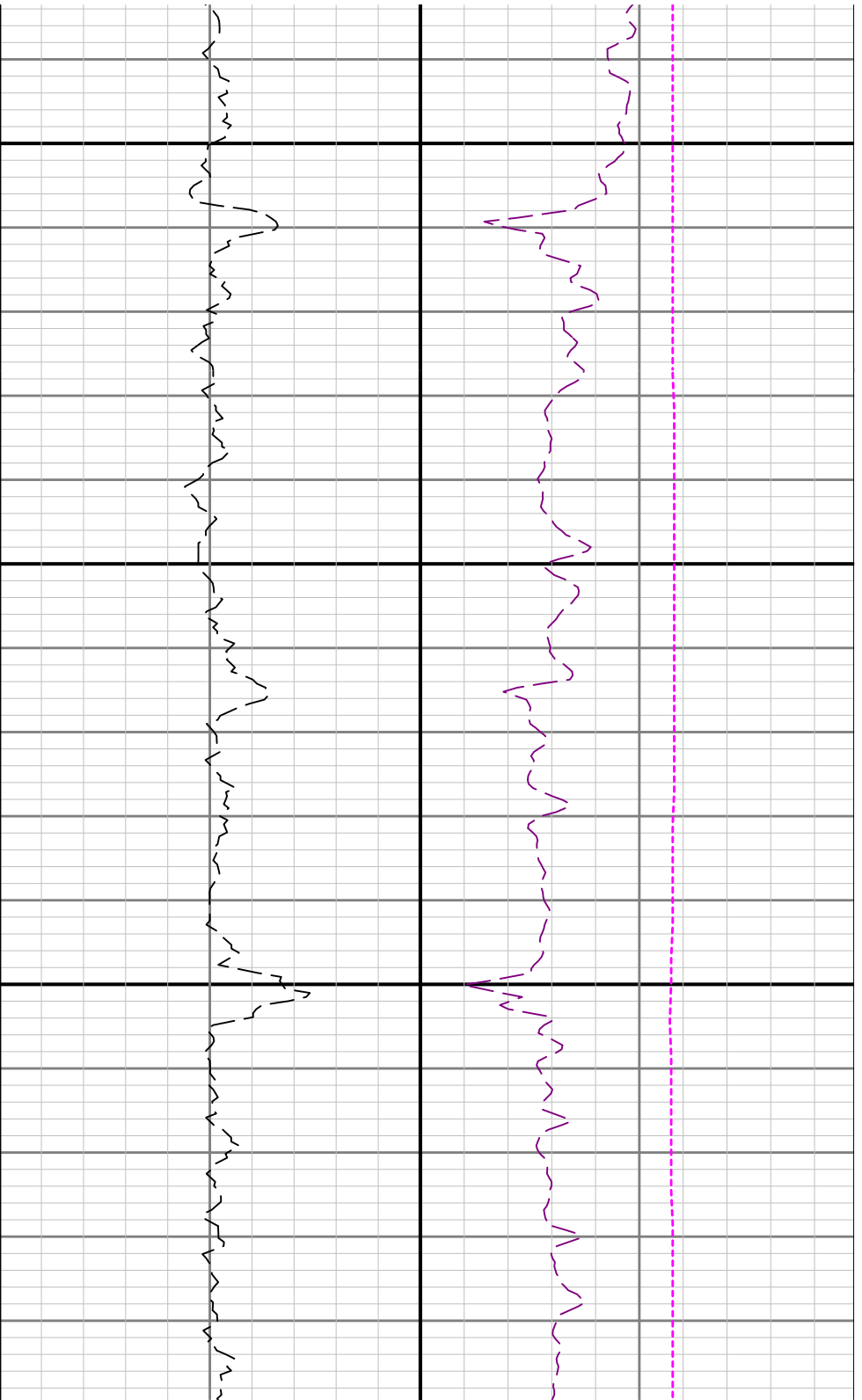
WOBA

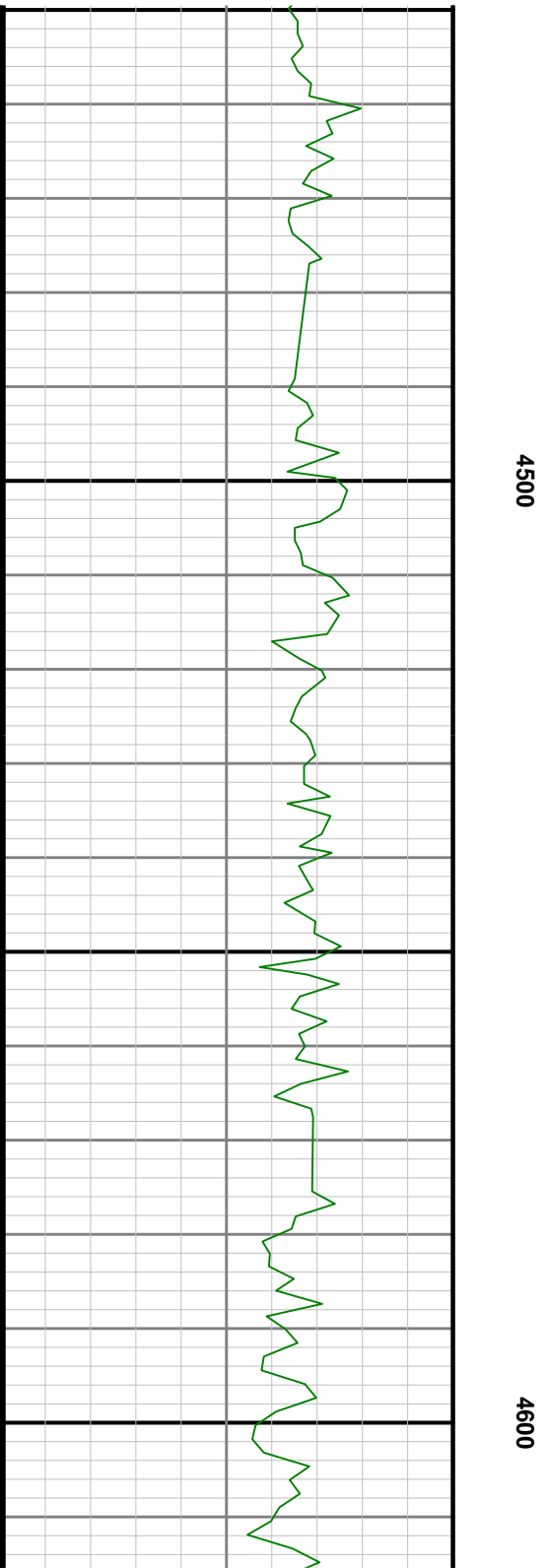
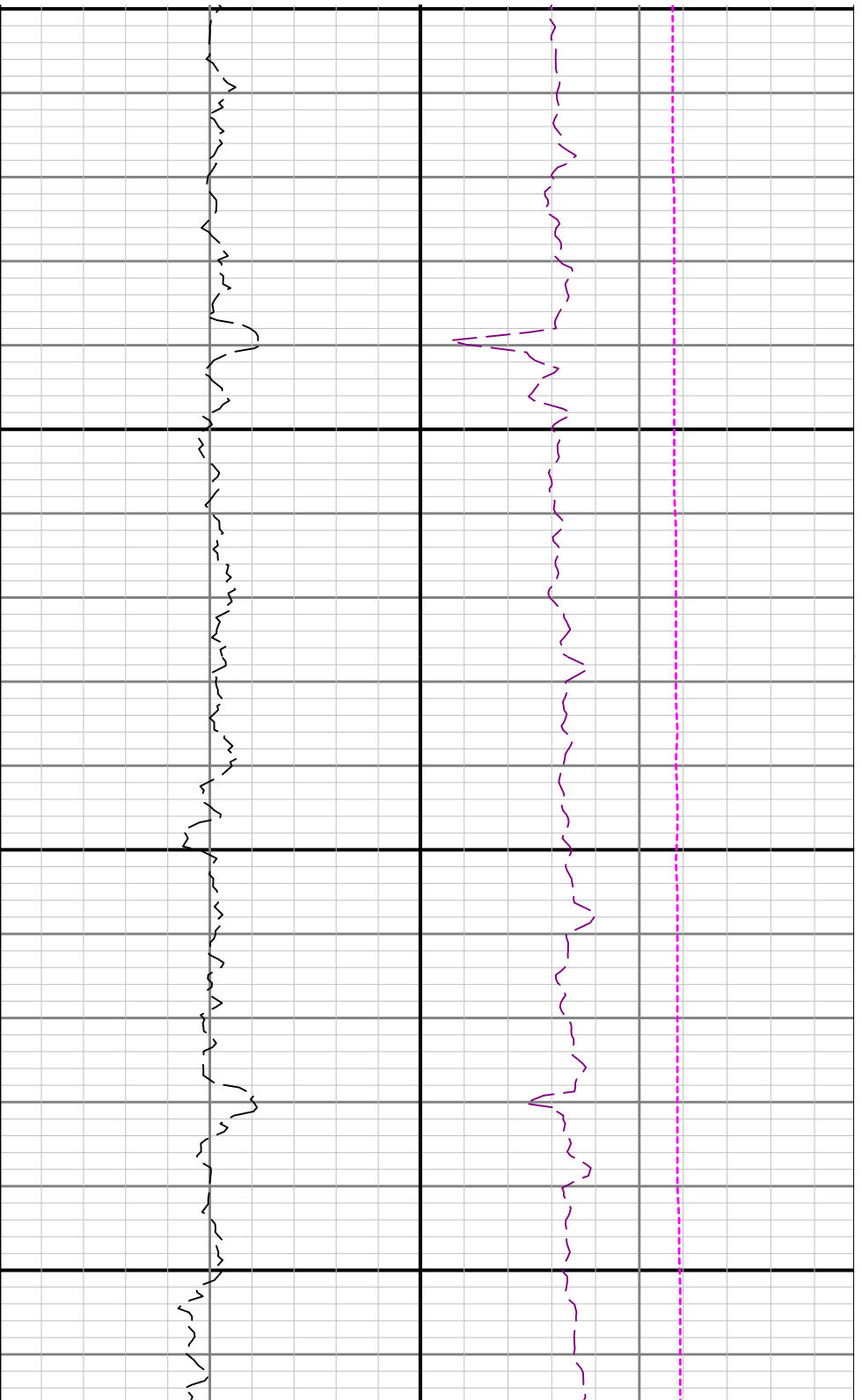
TCDM

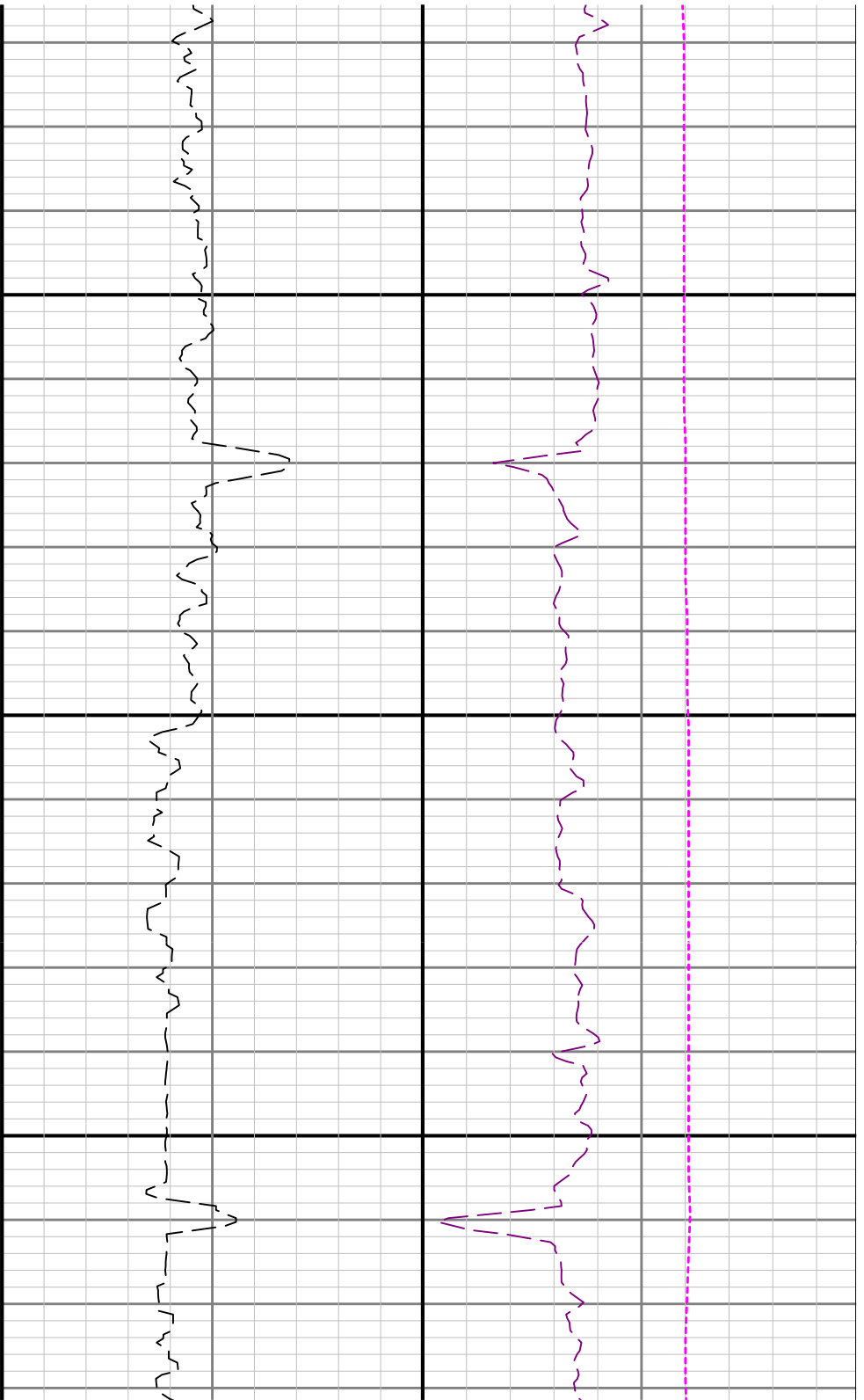


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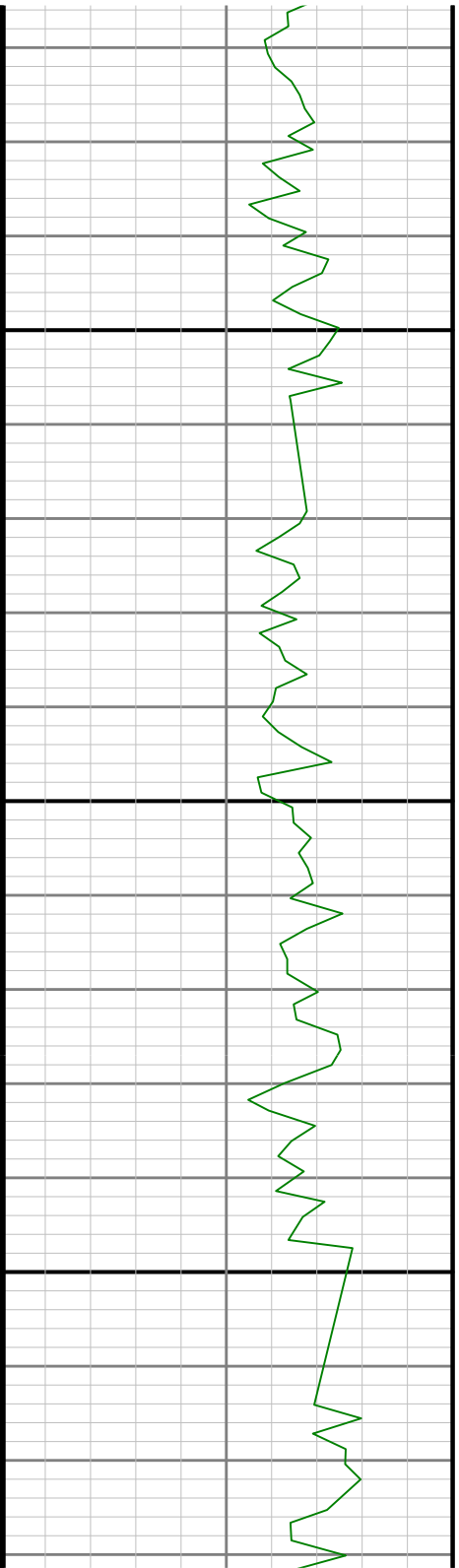


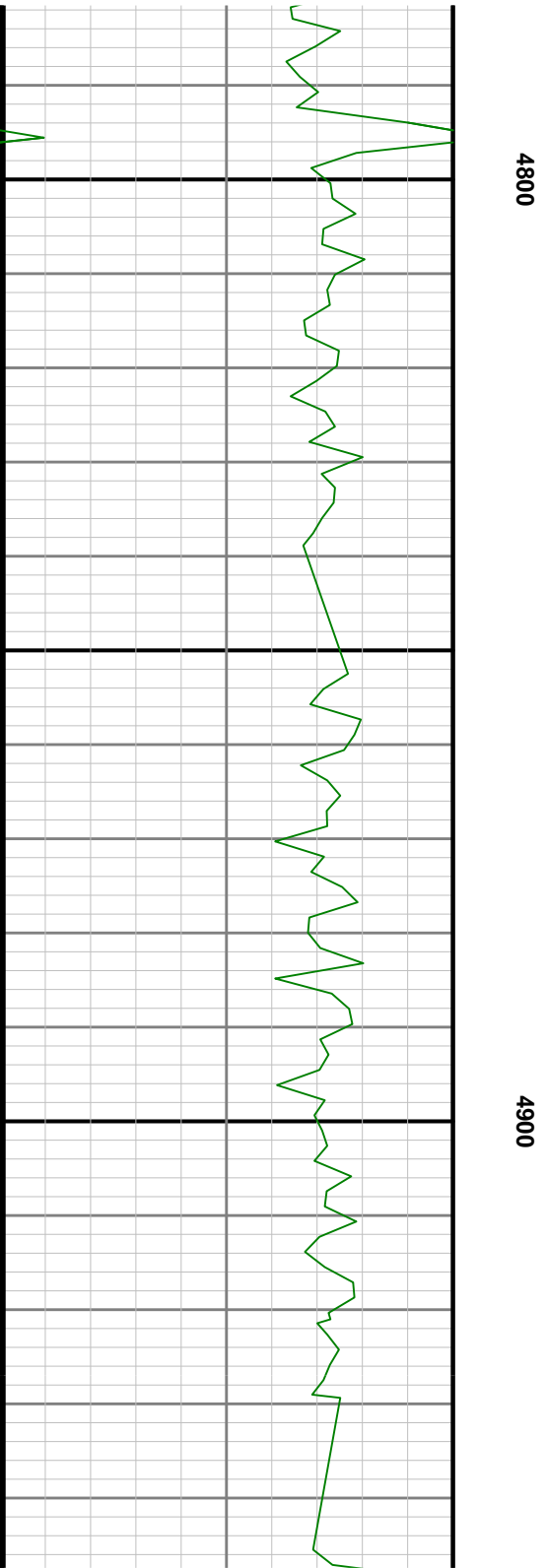


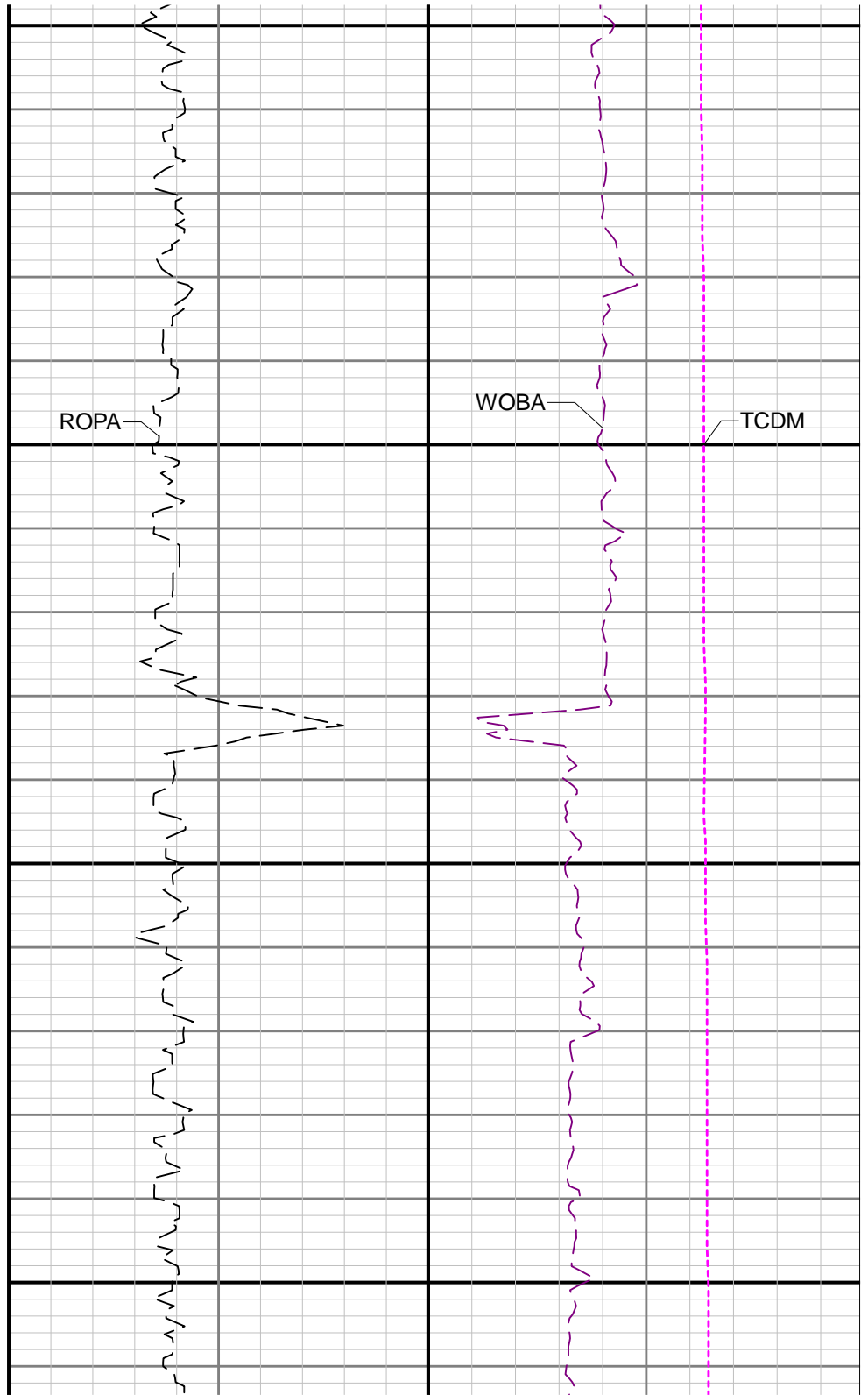
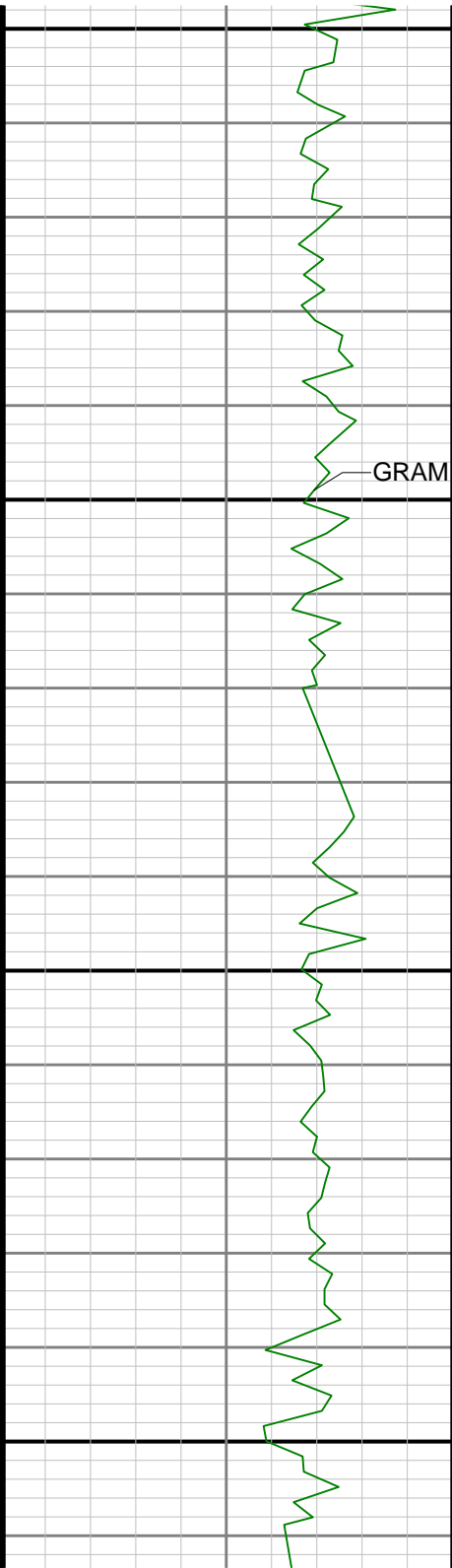


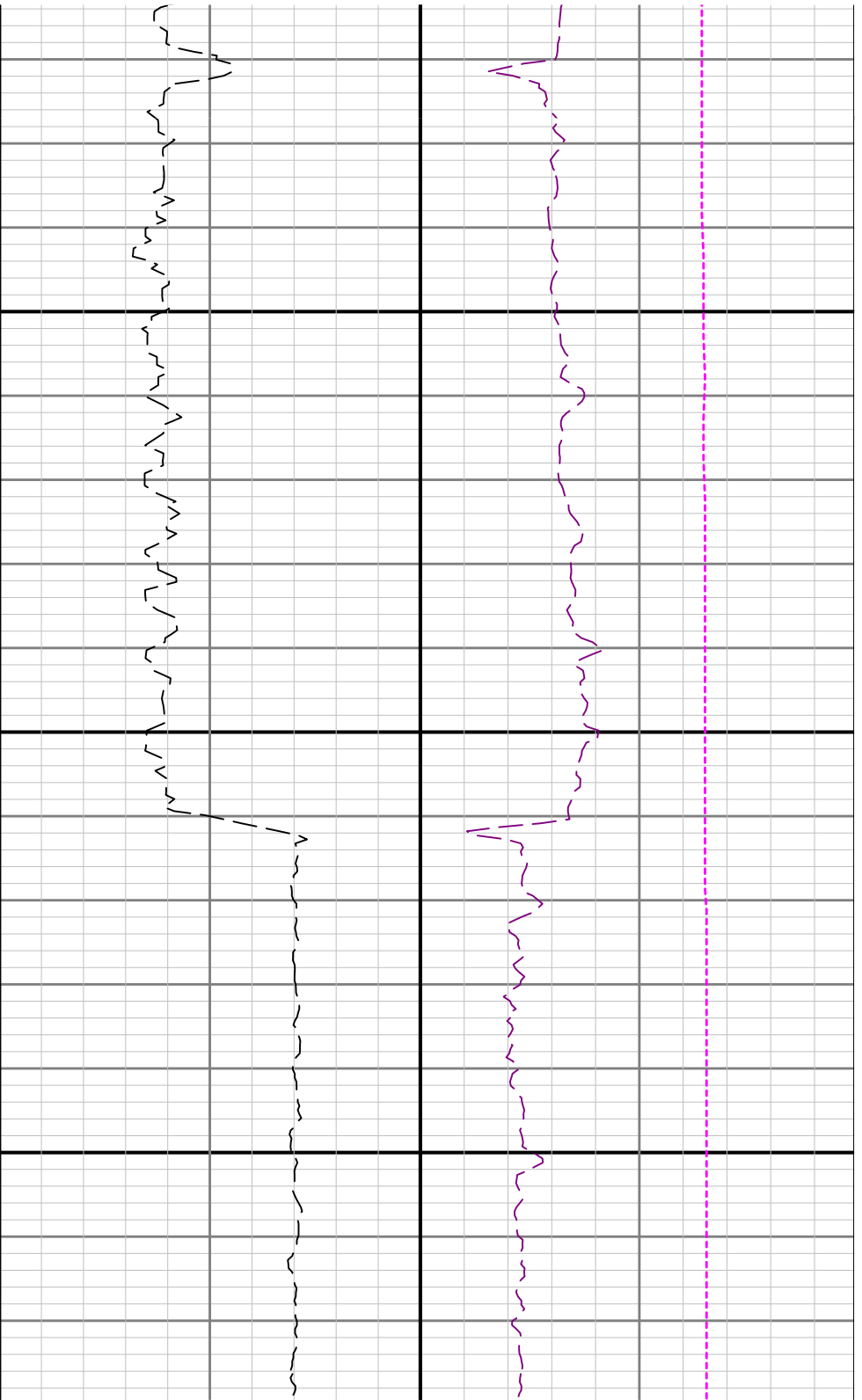


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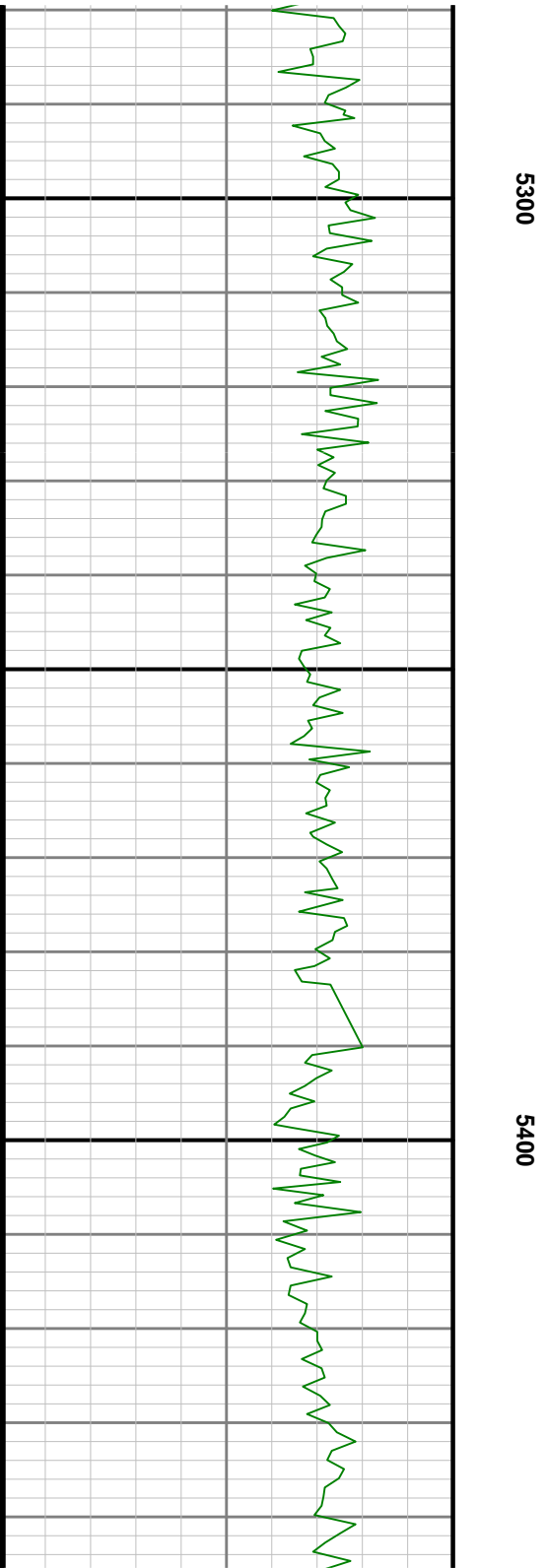
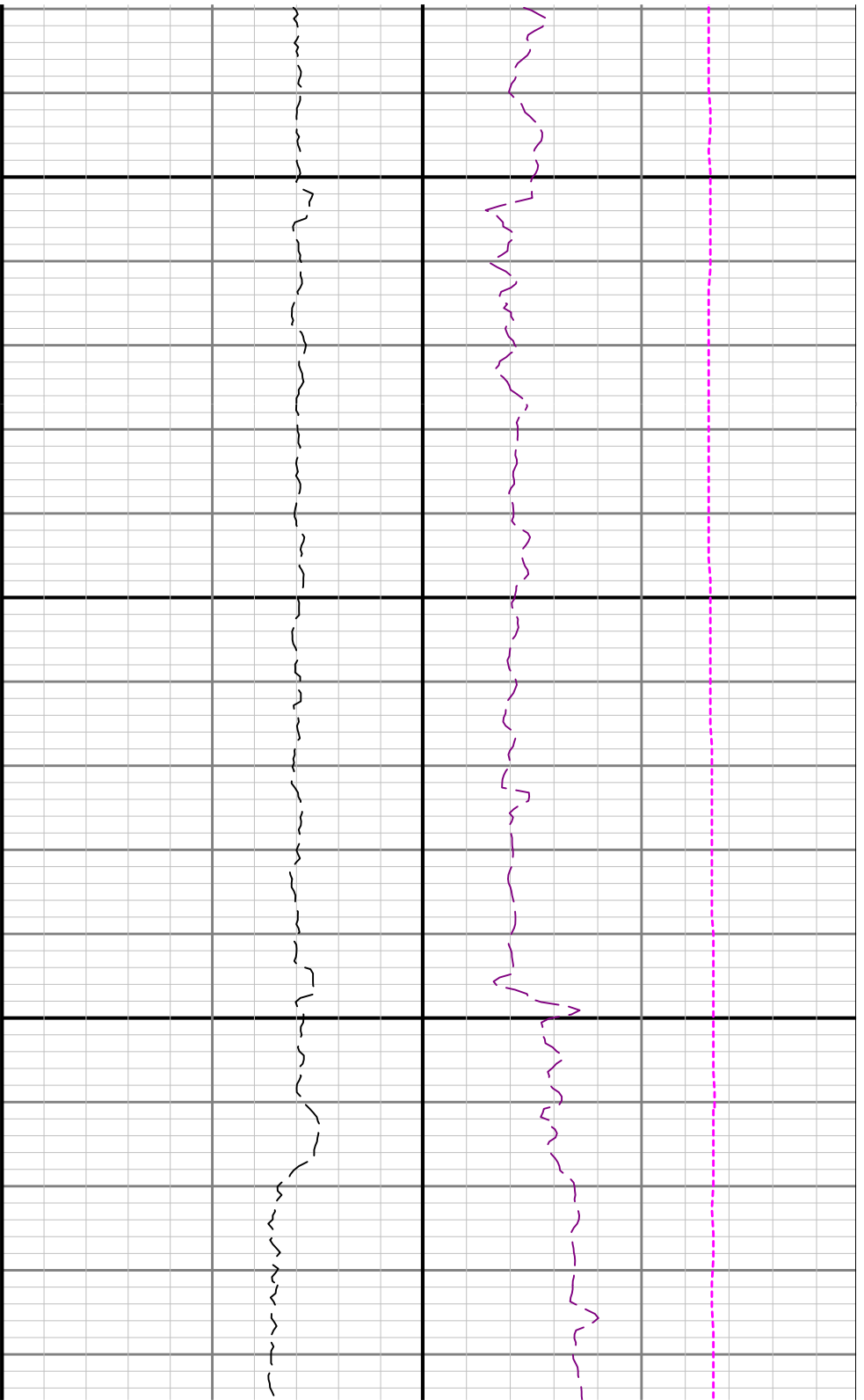


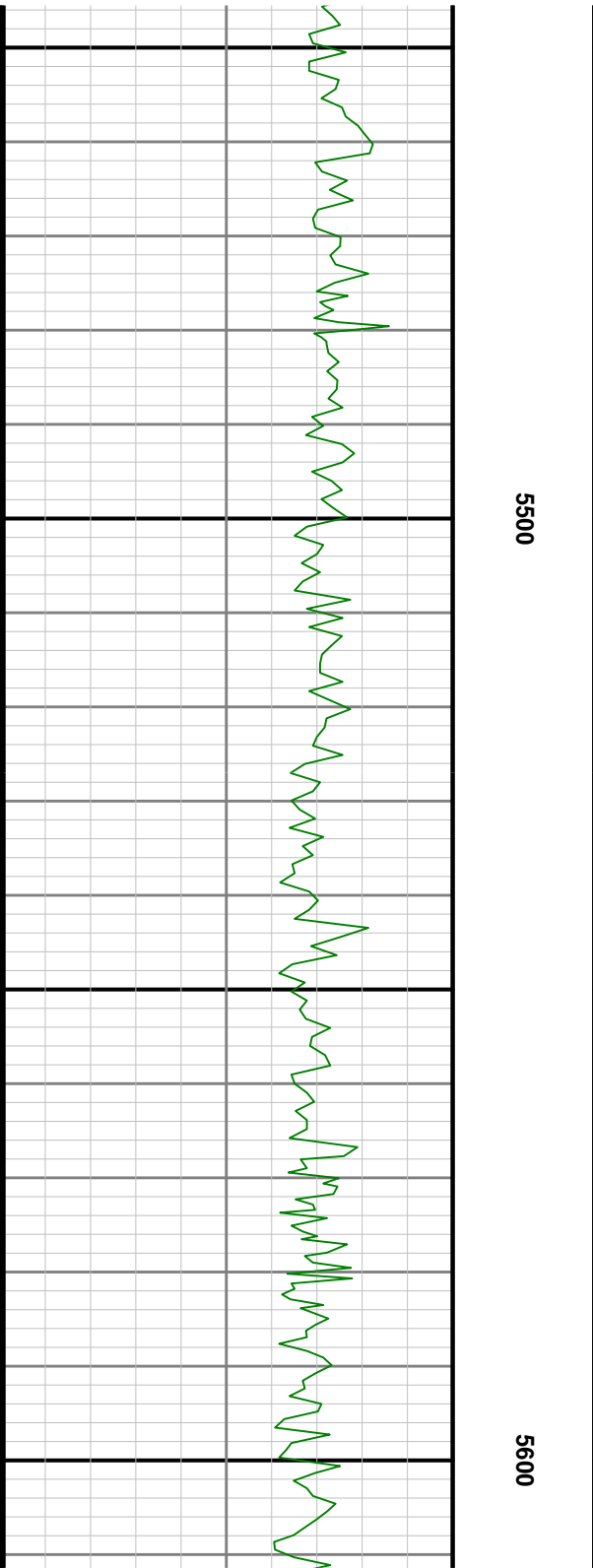
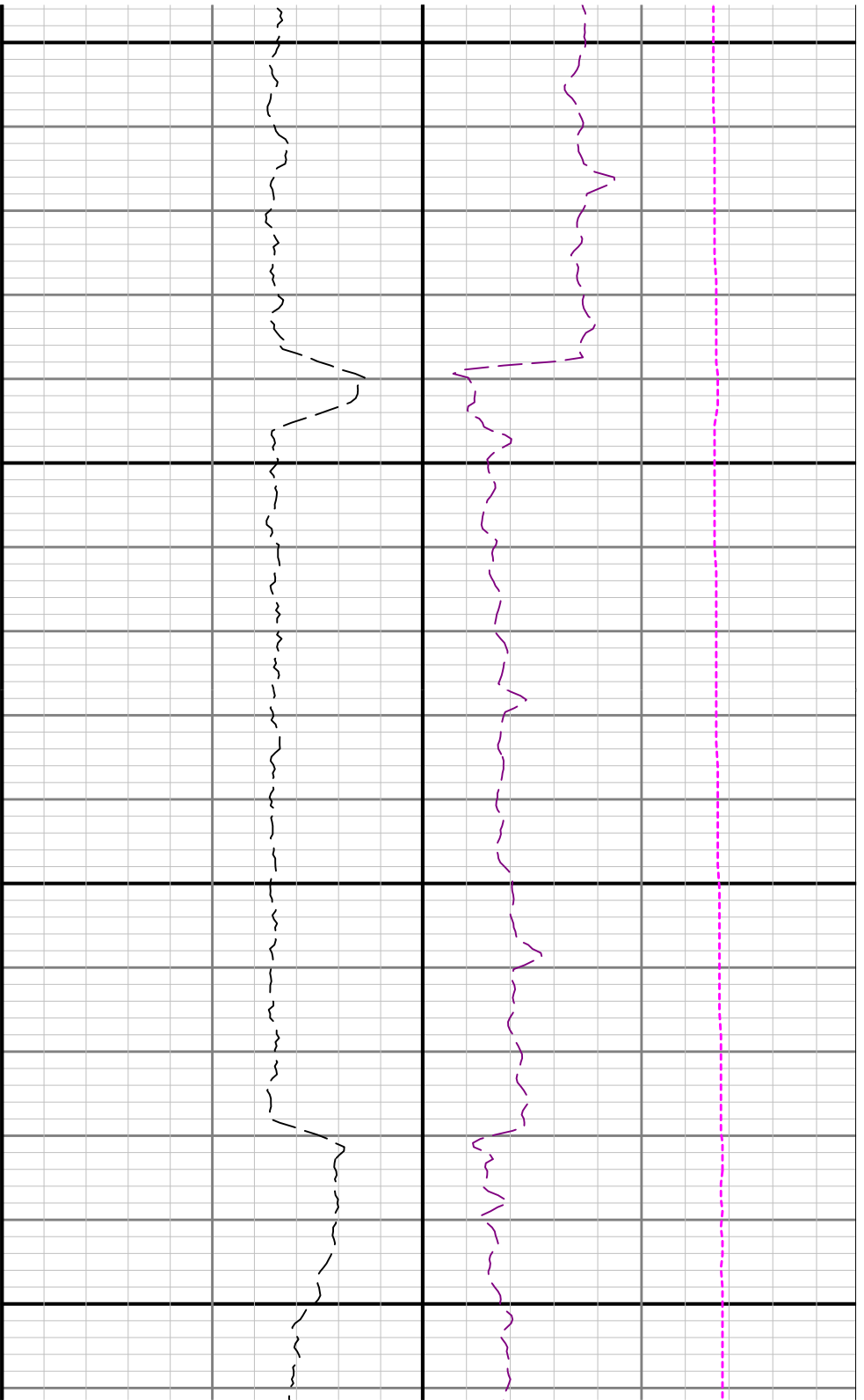


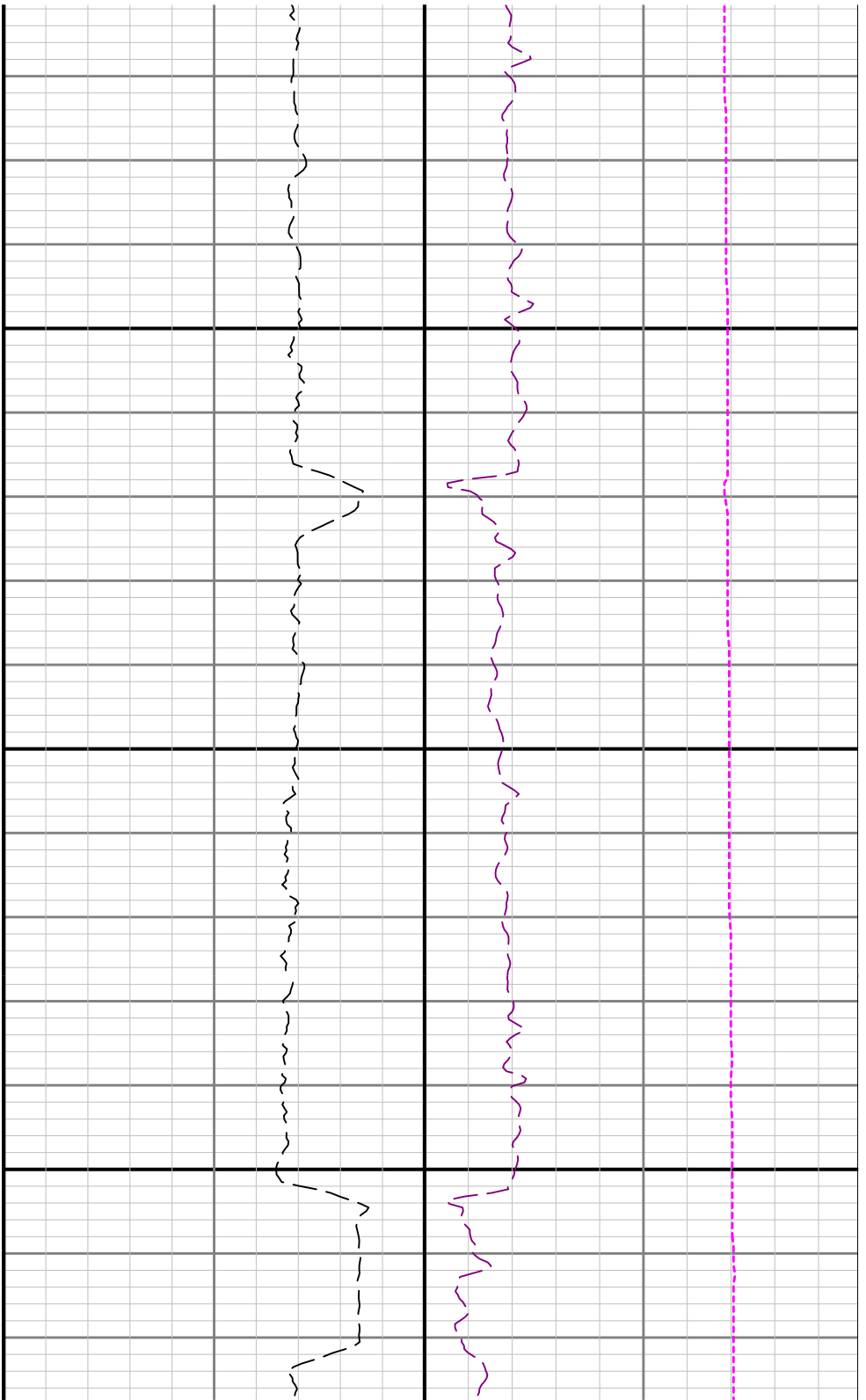




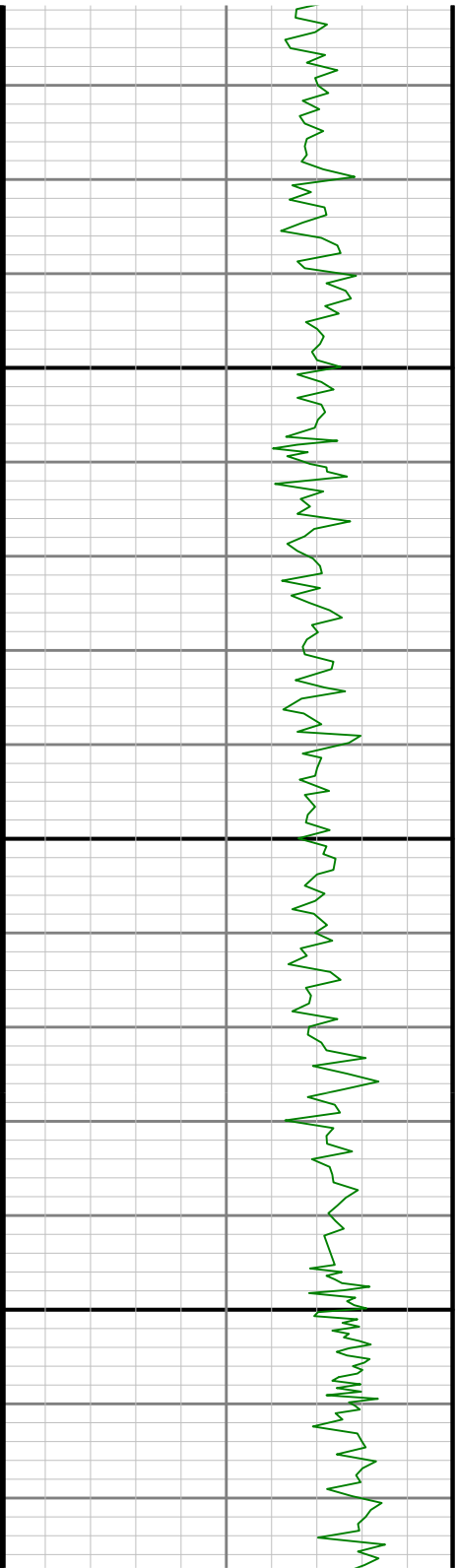
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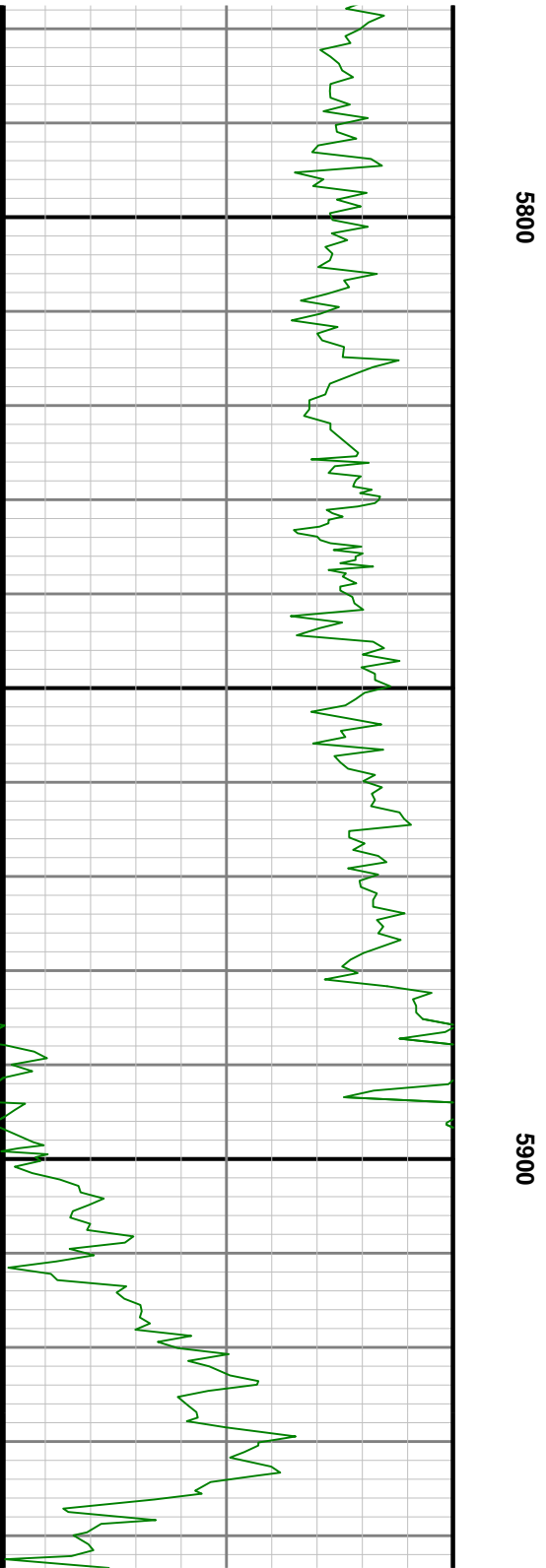
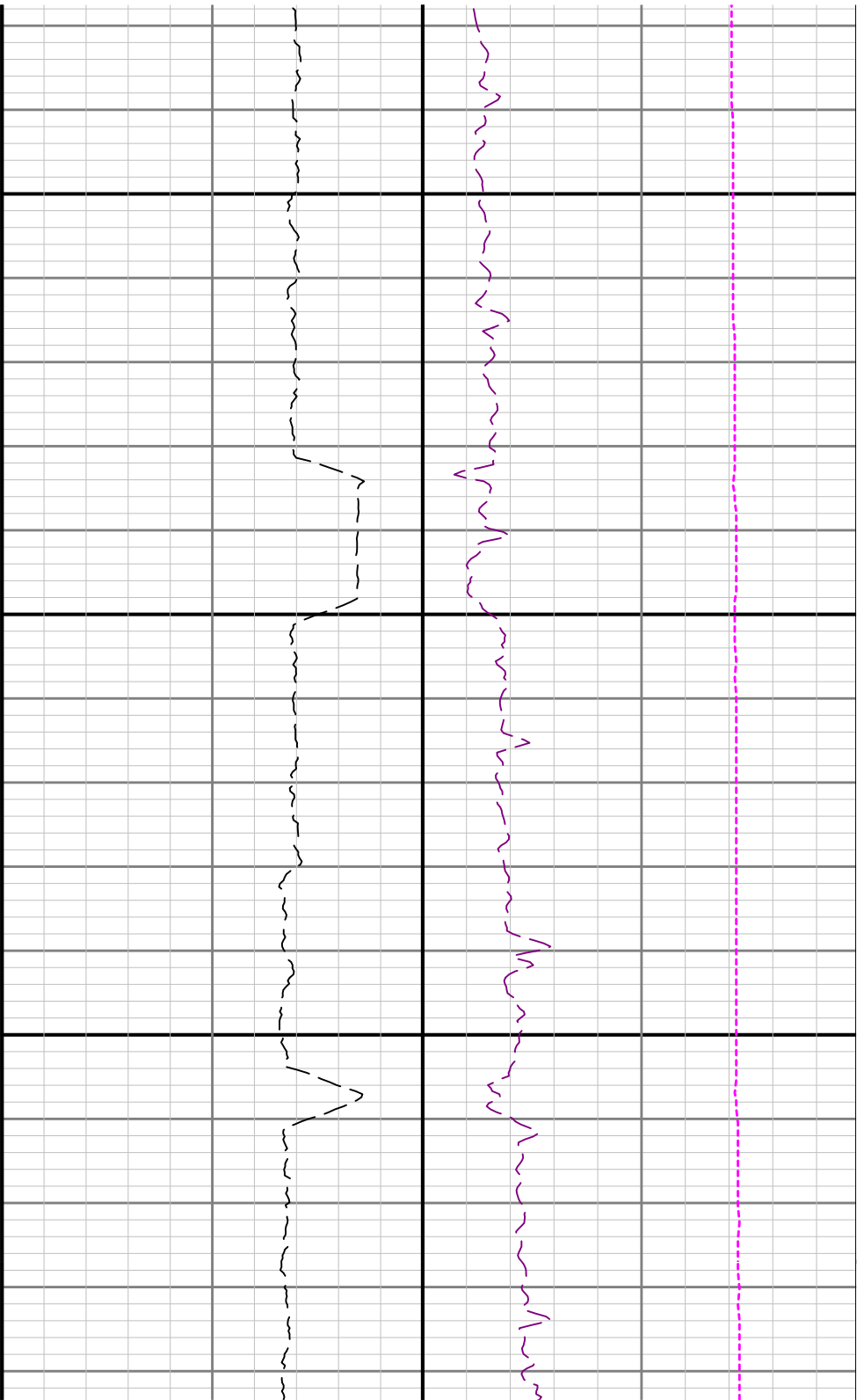


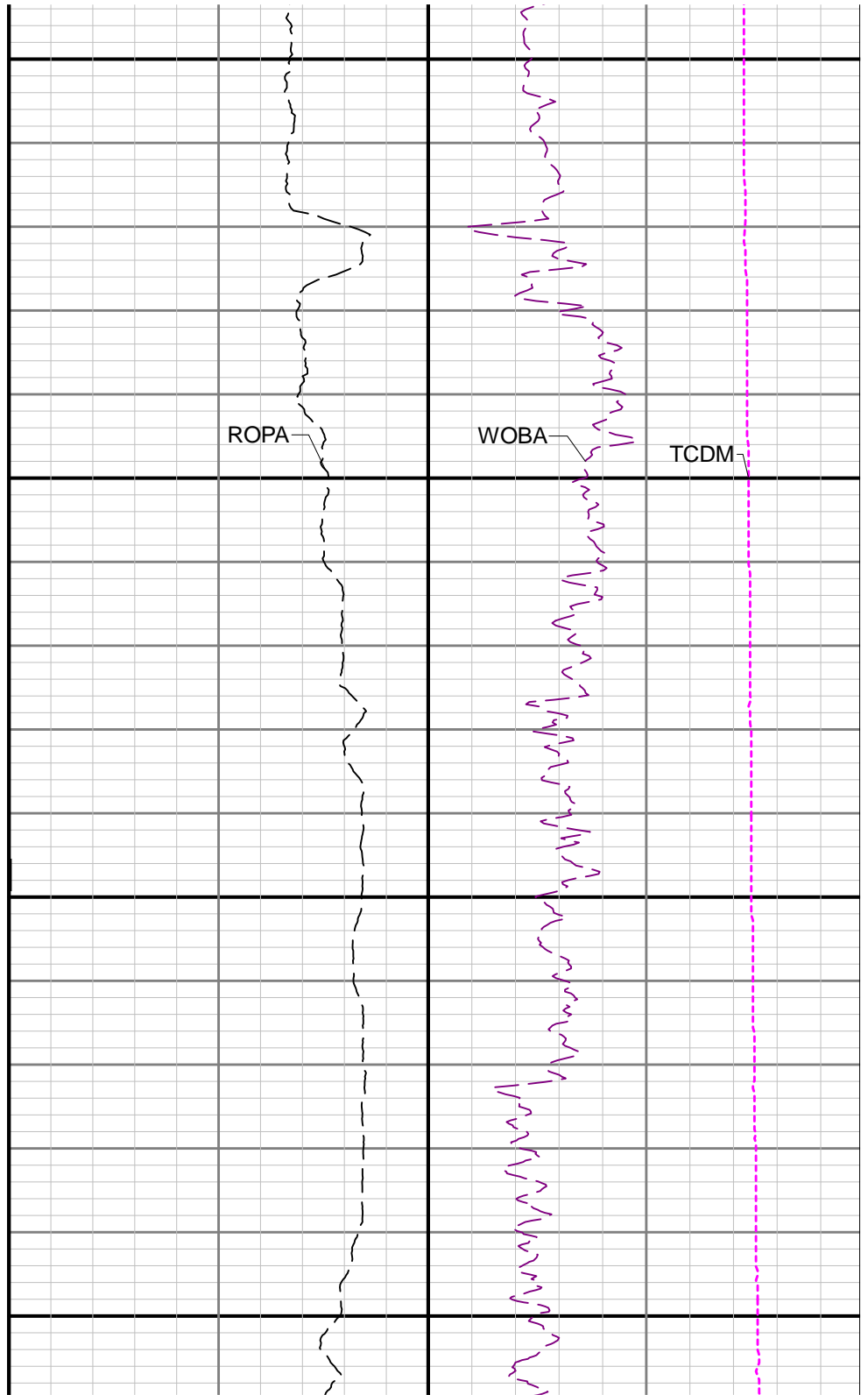
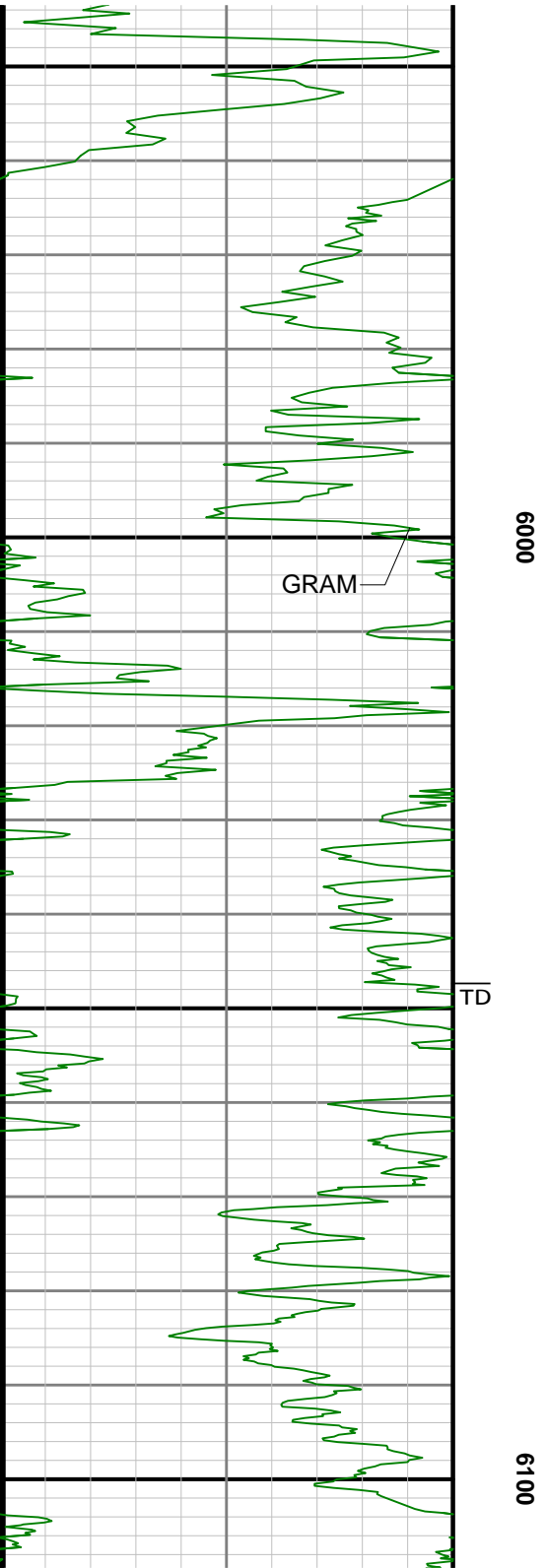


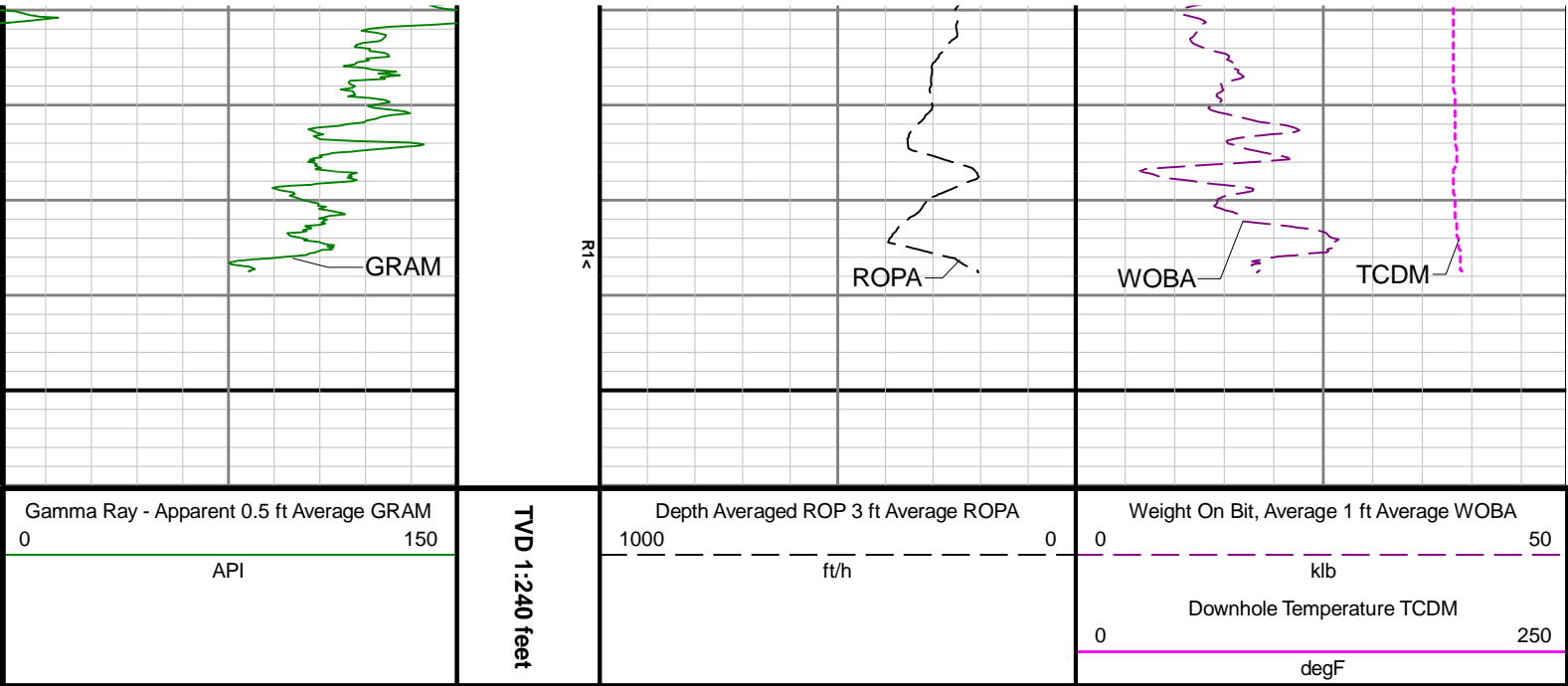


5700









Directional Survey Summary

Latitude: 30.014111	Longitude: -94.101111
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) 174.85	
Grid Convergence: (deg) -1.01	Magnetic Declination: (deg) 7.59
Total Correction: (deg) 6.58	TVD Calculation Method: Minimum Curvature
Magnetic Correction: On	Local Magnetic Field: (nT) 52703
Local Magnetic Dip Angle: (deg) 67.12	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)	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	0.00	0.00	0.00	0.00	0.00
	78.00	0.27	125.68	N/A	-0.11	0.15	78.00	0.12	78.00	0.35	0.35	161.13
	175.00	0.29	294.79	N/A	-0.14	0.11	175.00	0.15	97.00	0.57	0.02	174.34
	266.00	0.14	227.58	N/A	-0.12	-0.18	266.00	0.10	91.00	0.30	-0.16	-73.86
	361.00	0.21	138.02	N/A	-0.32	-0.15	361.00	0.31	95.00	0.26	0.07	-94.27
	455.00	0.30	164.51	N/A	-0.69	0.03	455.00	0.69	94.00	0.16	0.10	28.18
	550.00	0.22	91.44	N/A	-0.93	0.28	550.00	0.95	95.00	0.33	-0.08	-76.92
	644.00	0.12	128.99	N/A	-1.00	0.54	644.00	1.04	94.00	0.15	-0.11	39.95
	739.00	0.21	258.18	N/A	-1.10	0.45	739.00	1.13	95.00	0.32	0.09	135.99
	834.00	0.45	271.64	N/A	-1.12	-0.10	833.99	1.11	95.00	0.26	0.25	14.17
	928.00	0.41	165.04	N/A	-1.44	-0.38	927.99	1.40	94.00	0.73	-0.04	-113.40
	1023.00	0.25	116.48	N/A	-1.86	-0.11	1022.99	1.84	95.00	0.32	-0.17	-51.12
	1117.00	0.16	123.63	N/A	-2.02	0.19	1116.99	2.03	94.00	0.10	-0.10	7.61
	1212.00	0.05	296.42	N/A	-2.08	0.26	1211.99	2.09	95.00	0.22	-0.12	181.88
	1307.00	0.19	105.54	N/A	-2.10	0.37	1306.99	2.13	95.00	0.25	0.15	178.02
	1402.00	0.20	235.61	N/A	-2.24	0.39	1401.99	2.26	95.00	0.37	0.01	136.92
	1496.00	0.50	167.54	N/A	-2.73	0.34	1495.99	2.75	94.00	0.49	0.32	-72.41

	1496.00	0.50	167.54	N/A	-2.73	0.34	1496.99	2.75	94.00	0.49	0.32	-72.41
	1591.00	0.29	165.04	N/A	-3.37	0.49	1590.99	3.40	95.00	0.22	-0.22	-2.63
	1685.00	0.20	168.43	N/A	-3.76	0.59	1684.99	3.80	94.00	0.10	-0.10	3.61
	1780.00	0.36	182.36	N/A	-4.22	0.61	1779.98	4.26	95.00	0.18	0.17	14.66
	1874.00	0.53	187.27	N/A	-4.94	0.54	1873.98	4.97	94.00	0.19	0.18	5.22
	1925.00	0.62	184.15	N/A	-5.45	0.49	1924.98	5.48	51.00	0.19	0.18	-6.12
	1991.00	0.37	355.33	N/A	-5.60	0.45	1990.98	5.62	66.00	1.50	-0.38	259.36
	2085.00	0.57	357.57	N/A	-4.83	0.40	2084.97	4.84	94.00	0.21	0.21	2.38
	2180.00	0.77	17.15	N/A	-3.75	0.57	2179.97	3.78	95.00	0.32	0.21	20.61
	2275.00	2.73	31.24	N/A	-1.20	1.93	2274.92	1.37	95.00	2.10	2.06	14.83
	2370.00	5.37	32.19	N/A	4.50	5.48	2369.67	-3.99	95.00	2.78	2.78	1.00
	2464.00	7.65	34.91	N/A	13.35	11.40	2463.06	-12.27	94.00	2.45	2.43	2.89
	2559.00	10.60	34.48	N/A	25.74	19.97	2556.85	-23.85	95.00	3.11	3.11	-0.45
	2654.00	12.82	30.38	N/A	42.04	30.25	2649.87	-39.15	95.00	2.49	2.34	-4.32
	2748.00	11.84	26.14	N/A	59.69	39.77	2741.70	-55.88	94.00	1.42	-1.04	-4.51
	2843.00	12.35	27.92	N/A	77.42	48.82	2834.59	-72.73	95.00	0.67	0.54	1.87
	2938.00	12.74	31.77	N/A	95.30	59.09	2927.33	-89.61	95.00	0.97	0.41	4.05
	3033.00	14.39	34.01	N/A	114.00	71.21	3019.67	-107.14	95.00	1.82	1.74	2.36
	3127.00	15.10	35.83	N/A	133.60	84.91	3110.58	-125.44	94.00	0.90	0.76	1.94
	3222.00	16.88	40.38	N/A	154.15	101.09	3201.90	-144.45	95.00	2.29	1.87	4.79
	3317.00	17.13	45.30	N/A	174.49	119.97	3292.75	-163.02	95.00	1.54	0.26	5.18
	3411.00	17.37	45.95	N/A	193.99	139.90	3382.52	-180.65	94.00	0.33	0.26	0.69
	3601.00	17.40	43.72	N/A	234.24	179.92	3563.85	-217.14	190.00	0.35	0.02	-1.17
	3696.00	17.42	41.29	N/A	255.19	199.12	3654.50	-236.29	95.00	0.77	0.02	-2.56
	3790.00	17.32	39.83	N/A	276.51	217.37	3744.21	-255.88	94.00	0.48	-0.11	-1.55
	3885.00	17.37	38.62	N/A	298.45	235.28	3834.89	-276.12	95.00	0.38	0.05	-1.27
	3979.00	17.40	38.21	N/A	320.45	252.73	3924.60	-296.47	94.00	0.13	0.03	-0.44
	4074.00	17.28	38.67	N/A	342.63	270.33	4015.28	-316.98	95.00	0.19	-0.13	0.48
	4169.00	17.34	38.66	N/A	364.70	287.99	4105.98	-337.38	95.00	0.06	0.06	-0.01
	4263.00	17.42	39.85	N/A	386.44	305.76	4195.68	-357.44	94.00	0.39	0.09	1.27
	4358.00	17.22	36.59	N/A	408.65	323.25	4286.38	-377.99	95.00	1.04	-0.21	-3.43
	4453.00	17.16	34.33	N/A	431.52	339.54	4377.14	-399.30	95.00	0.71	-0.06	-2.38
	4547.00	17.14	34.14	N/A	454.43	355.13	4466.96	-420.72	94.00	0.06	-0.02	-0.20
	4642.00	17.22	33.12	N/A	477.79	370.67	4557.72	-442.59	95.00	0.33	0.08	-1.07
	4736.00	17.10	32.42	N/A	501.11	385.68	4647.53	-464.47	94.00	0.25	-0.13	-0.74
	4831.00	17.24	33.52	N/A	524.64	400.94	4738.30	-486.53	95.00	0.37	0.15	1.16
	4925.00	17.19	34.88	N/A	547.65	416.58	4828.09	-508.04	94.00	0.43	-0.05	1.45
	5020.00	17.18	34.99	N/A	570.66	432.65	4918.85	-529.52	95.00	0.04	-0.01	0.12
	5115.00	17.07	35.02	N/A	593.57	448.70	5009.64	-550.90	95.00	0.12	-0.12	0.03
	5209.00	17.12	34.59	N/A	616.26	464.47	5099.48	-572.08	94.00	0.14	0.05	-0.46
	5304.00	17.17	35.83	N/A	639.14	480.62	5190.26	-593.42	95.00	0.39	0.05	1.31
	5399.00	14.56	42.12	N/A	659.37	496.84	5281.64	-612.11	95.00	3.29	-2.75	6.62
	5493.00	12.22	73.27	N/A	671.02	514.32	5373.20	-622.14	94.00	7.96	-2.49	33.14
	5588.00	13.17	111.16	N/A	670.00	534.07	5466.03	-619.36	95.00	8.67	1.00	39.88
	5682.00	15.19	143.41	N/A	656.23	551.43	5557.30	-604.08	94.00	8.55	2.15	34.31
	5777.00	21.18	154.40	N/A	630.73	566.28	5647.54	-577.35	95.00	7.24	6.31	11.57
	5871.00	27.79	158.15	N/A	595.03	581.79	5733.05	-540.41	94.00	7.22	7.03	3.99
	5966.00	34.63	162.75	N/A	548.64	598.06	5814.26	-492.74	95.00	7.62	7.20	4.84
	6060.00	41.94	166.18	N/A	492.54	613.50	5888.01	-435.48	94.00	8.10	7.78	3.65
	6155.00	48.74	169.56	N/A	426.51	627.58	5954.75	-368.46	95.00	7.59	7.16	3.56
	6250.00	55.08	171.76	N/A	352.77	639.64	6013.33	-293.93	95.00	6.92	6.67	2.32
	6344.00	62.88	172.94	N/A	272.99	650.32	6061.74	-213.51	94.00	8.37	8.30	1.26
	6439.00	71.29	174.20	N/A	186.11	660.08	6098.69	-126.11	95.00	8.94	8.85	1.33
	6534.00	79.60	175.29	N/A	94.63	668.48	6122.55	-34.24	95.00	8.82	8.75	1.15
	6628.00	85.74	176.68	N/A	1.67	675.00	6134.54	58.93	94.00	6.69	6.53	1.48
	6723.00	90.62	178.22	N/A	-93.15	679.22	6137.55	153.75	95.00	5.39	5.14	1.62

	6818.00	90.86	178.19	N/A	-188.10	682.20	6136.33	248.58	95.00	0.25	0.25	-0.03
	6912.00	90.68	179.27	N/A	-282.07	684.28	6135.06	342.35	94.00	1.16	-0.19	1.15
	7007.00	90.65	180.19	N/A	-377.06	684.73	6133.96	437.00	95.00	0.97	-0.03	0.97
	7102.00	90.74	180.24	N/A	-472.05	684.37	6132.81	531.58	95.00	0.11	0.09	0.05
	7196.00	90.59	179.88	N/A	-566.04	684.27	6131.72	625.18	94.00	0.41	-0.16	-0.38
	7291.00	90.65	180.26	N/A	-661.04	684.16	6130.69	719.78	95.00	0.40	0.06	0.40
	7385.00	90.68	181.05	N/A	-755.03	683.08	6129.60	813.29	94.00	0.84	0.03	0.84
	7480.00	90.49	181.07	N/A	-850.00	681.32	6128.63	907.73	95.00	0.20	-0.20	0.02
	7574.00	90.49	180.91	N/A	-943.99	679.70	6127.82	1001.19	94.00	0.17	0.00	-0.17
	7669.00	90.46	180.61	N/A	-1038.98	678.44	6127.04	1095.68	95.00	0.32	-0.03	-0.32
	7764.00	90.46	181.04	N/A	-1133.96	677.07	6126.27	1190.16	95.00	0.45	0.00	0.45
	7858.00	90.52	180.50	N/A	-1227.95	675.81	6125.47	1283.66	94.00	0.58	0.06	-0.57
	7953.00	90.55	179.92	N/A	-1322.94	675.46	6124.58	1378.24	95.00	0.61	0.03	-0.61
	8047.00	90.55	178.80	N/A	-1416.93	676.51	6123.68	1471.94	94.00	1.19	0.00	-1.19
	8142.00	90.55	178.25	N/A	-1511.90	678.96	6122.77	1566.74	95.00	0.58	0.00	-0.58
	8237.00	90.46	178.15	N/A	-1606.85	681.94	6121.93	1661.57	95.00	0.14	-0.09	-0.11
	8331.00	90.55	180.03	N/A	-1700.83	683.43	6121.10	1755.31	94.00	2.00	0.10	2.00
	8426.00	90.37	179.54	N/A	-1795.82	683.79	6120.34	1849.95	95.00	0.55	-0.19	-0.52
	8521.00	90.46	179.85	N/A	-1890.82	684.29	6119.65	1944.61	95.00	0.34	0.09	0.33
	8615.00	90.40	180.71	N/A	-1984.81	683.84	6118.95	2038.18	94.00	0.92	-0.06	0.91
	8710.00	90.43	181.99	N/A	-2079.78	681.60	6118.26	2132.57	95.00	1.35	0.03	1.35
	8804.00	90.55	182.08	N/A	-2173.72	678.26	6117.45	2225.83	94.00	0.16	0.13	0.10
	8899.00	90.49	182.29	N/A	-2268.65	674.64	6116.59	2320.05	95.00	0.23	-0.06	0.22
	8993.00	90.46	179.60	N/A	-2362.62	673.09	6115.81	2413.50	94.00	2.86	-0.03	-2.86
	9088.00	90.46	176.43	N/A	-2457.55	676.38	6115.05	2508.34	95.00	3.34	0.00	-3.34
	9183.00	90.37	172.55	N/A	-2552.09	685.50	6114.36	2603.32	95.00	4.09	-0.09	-4.08
	9277.00	90.40	171.25	N/A	-2645.15	698.74	6113.73	2697.19	94.00	1.38	0.03	-1.38
	9372.00	90.46	173.56	N/A	-2739.31	711.30	6113.02	2792.10	95.00	2.43	0.06	2.43
	9467.00	90.46	176.44	N/A	-2833.93	719.58	6112.25	2887.08	95.00	3.03	0.00	3.03
	9562.00	90.40	176.53	N/A	-2928.75	725.40	6111.54	2982.04	95.00	0.11	-0.06	0.09
	9656.00	90.43	177.34	N/A	-3022.61	730.43	6110.86	3075.98	94.00	0.86	0.03	0.86
	9751.00	90.40	176.84	N/A	-3117.49	735.25	6110.17	3170.90	95.00	0.53	-0.03	-0.53
	9846.00	90.34	176.14	N/A	-3212.31	741.06	6109.56	3265.86	95.00	0.74	-0.06	-0.74
	9940.00	90.34	174.56	N/A	-3305.99	748.68	6109.00	3359.85	94.00	1.68	0.00	-1.68
	10035.00	90.40	175.47	N/A	-3400.63	756.94	6108.39	3454.85	95.00	0.96	0.06	0.96
	10130.00	90.31	178.72	N/A	-3495.49	761.75	6107.80	3549.76	95.00	3.42	-0.09	3.42
	10224.00	90.40	180.65	N/A	-3589.49	762.27	6107.22	3643.42	94.00	2.06	0.10	2.05
	10319.00	90.40	181.97	N/A	-3684.46	760.10	6106.55	3737.81	95.00	1.39	0.00	1.39
	10414.00	90.52	183.17	N/A	-3779.36	755.84	6105.79	3831.95	95.00	1.27	0.13	1.26
	10508.00	90.46	182.73	N/A	-3873.23	751.00	6104.99	3925.00	94.00	0.47	-0.06	-0.47
	10603.00	90.37	181.09	N/A	-3968.17	747.83	6104.30	4019.28	95.00	1.73	-0.09	-1.73
	10698.00	90.43	180.24	N/A	-4063.16	746.73	6103.63	4113.79	95.00	0.90	0.06	-0.89
	10792.00	90.43	177.48	N/A	-4157.13	748.60	6102.93	4207.54	94.00	2.94	0.00	-2.94
	10887.00	90.55	175.40	N/A	-4251.94	754.50	6102.12	4302.50	95.00	2.19	0.13	-2.19
	10981.00	90.52	176.78	N/A	-4345.71	760.91	6101.24	4396.47	94.00	1.47	-0.03	1.47
	11076.00	90.46	177.01	N/A	-4440.57	766.06	6100.43	4491.41	95.00	0.25	-0.06	0.24
	11170.00	90.49	177.79	N/A	-4534.47	770.32	6099.65	4585.31	94.00	0.83	0.03	0.83
	11265.00	90.37	179.20	N/A	-4629.43	772.81	6098.93	4680.11	95.00	1.49	-0.13	1.48
	11359.00	90.46	179.58	N/A	-4723.42	773.81	6098.25	4773.82	94.00	0.42	0.10	0.40
	11453.00	90.37	179.53	N/A	-4817.42	774.55	6097.57	4867.50	94.00	0.11	-0.10	-0.05
	11642.00	90.46	179.73	N/A	-5006.41	775.77	6096.20	5055.83	189.00	0.12	0.05	0.11
	11736.00	90.40	179.85	N/A	-5100.41	776.11	6095.50	5149.48	94.00	0.14	-0.06	0.13
	11831.00	90.34	182.08	N/A	-5195.38	774.51	6094.88	5243.93	95.00	2.35	-0.06	2.35
	11925.00	90.43	181.58	N/A	-5289.33	771.51	6094.25	5337.23	94.00	0.54	0.10	-0.53
	12019.00	90.34	178.72	N/A	-5383.32	771.26	6093.62	5430.82	94.00	3.04	-0.10	-3.04

	12114.00	90.28	177.04	N/A	-5478.25	774.78	6093.11	5525.68	95.00	1.77	-0.06	-1.77
	12209.00	90.40	176.73	N/A	-5573.11	779.94	6092.54	5620.62	95.00	0.35	0.13	-0.33
	12304.00	90.43	176.56	N/A	-5667.94	785.50	6091.86	5715.57	95.00	0.18	0.03	-0.18
	12398.00	90.58	175.44	N/A	-5761.71	792.05	6091.03	5809.55	94.00	1.20	0.16	-1.19
	12493.00	90.52	174.47	N/A	-5856.34	800.41	6090.11	5904.54	95.00	1.02	-0.06	-1.02
	12588.00	90.68	175.29	N/A	-5950.95	808.89	6089.12	5999.54	95.00	0.88	0.17	0.86
	12683.00	90.65	175.72	N/A	-6045.65	816.33	6088.02	6094.52	95.00	0.45	-0.03	0.45
	12777.00	90.62	177.27	N/A	-6139.47	822.08	6086.98	6188.48	94.00	1.65	-0.03	1.65
	12872.00	90.58	178.40	N/A	-6234.39	825.67	6085.98	6283.34	95.00	1.19	-0.04	1.19
	12967.00	90.68	179.07	N/A	-6329.36	827.76	6084.94	6378.12	95.00	0.71	0.11	0.71
	13061.00	90.59	179.91	N/A	-6423.35	828.60	6083.89	6471.80	94.00	0.90	-0.10	0.89
	13156.00	90.55	180.30	N/A	-6518.35	828.43	6082.95	6566.40	95.00	0.41	-0.04	0.41
	13250.00	90.68	181.62	N/A	-6612.33	826.85	6081.94	6659.86	94.00	1.41	0.14	1.40
	13345.00	90.62	183.95	N/A	-6707.20	822.24	6080.86	6753.93	95.00	2.45	-0.06	2.45
	13440.00	90.49	183.93	N/A	-6801.97	815.71	6079.94	6847.74	95.00	0.14	-0.14	-0.02
	13534.00	90.59	182.42	N/A	-6895.82	810.50	6079.06	6940.74	94.00	1.61	0.11	-1.61
	13629.00	90.58	181.62	N/A	-6990.76	807.15	6078.09	7034.99	95.00	0.84	-0.01	-0.84
	13723.00	90.52	181.86	N/A	-7084.71	804.30	6077.18	7128.31	94.00	0.26	-0.06	0.26
	13818.00	90.55	179.45	N/A	-7179.69	803.21	6076.30	7222.81	95.00	2.54	0.03	-2.54
	13912.00	90.52	176.09	N/A	-7273.60	806.87	6075.42	7316.67	94.00	3.57	-0.03	-3.57
	14007.00	90.59	176.19	N/A	-7368.38	813.27	6074.50	7411.64	95.00	0.13	0.07	0.11
	14101.00	90.52	176.27	N/A	-7462.18	819.45	6073.59	7505.61	94.00	0.11	-0.07	0.09
	14195.00	90.58	175.93	N/A	-7555.95	825.84	6072.69	7599.58	94.00	0.37	0.06	-0.36
	14290.00	90.55	176.43	N/A	-7650.74	832.17	6071.75	7694.55	95.00	0.53	-0.03	0.53
	14384.00	90.49	174.17	N/A	-7744.41	839.87	6070.90	7788.54	94.00	2.41	-0.06	-2.40
	14479.00	90.49	174.87	N/A	-7838.97	848.94	6070.08	7883.53	95.00	0.74	0.00	0.74
	14573.00	90.46	177.79	N/A	-7932.77	854.96	6069.30	7977.49	94.00	3.11	-0.03	3.11
	14668.00	91.11	179.14	N/A	-8027.72	857.50	6068.00	8072.29	95.00	1.58	0.68	1.42
	14762.00	90.59	180.46	N/A	-8121.71	857.83	6066.61	8165.92	94.00	1.51	-0.55	1.40
	14857.00	90.59	180.52	N/A	-8216.70	857.02	6065.63	8260.46	95.00	0.06	0.00	0.06
	14951.00	90.55	179.67	N/A	-8310.69	856.86	6064.69	8354.06	94.00	0.91	-0.04	-0.90
	15046.00	90.49	177.86	N/A	-8405.66	858.91	6063.83	8448.83	95.00	1.91	-0.06	-1.91
	15141.00	90.59	178.42	N/A	-8500.61	861.99	6062.94	8543.67	95.00	0.60	0.11	0.59
	15235.00	90.55	179.61	N/A	-8594.59	863.61	6062.00	8637.41	94.00	1.27	-0.04	1.27
	15330.00	90.52	178.48	N/A	-8689.57	865.19	6061.11	8732.15	95.00	1.19	-0.03	-1.19
	15425.00	90.49	178.10	N/A	-8784.52	868.03	6060.28	8826.98	95.00	0.40	-0.03	-0.40
	15614.00	90.49	174.78	N/A	-8973.13	879.76	6058.66	9015.87	189.00	1.76	0.00	-1.76
	15708.00	90.55	174.53	N/A	-9066.71	888.52	6057.81	9109.87	94.00	0.27	0.06	-0.27
	15803.00	90.68	176.27	N/A	-9161.40	896.13	6056.79	9204.86	95.00	1.84	0.14	1.83
	15897.00	90.49	177.52	N/A	-9255.25	901.23	6055.83	9298.79	94.00	1.34	-0.20	1.33
	15992.00	90.65	178.17	N/A	-9350.18	904.80	6054.88	9393.65	95.00	0.70	0.17	0.68
	16086.00	90.46	178.86	N/A	-9444.15	907.23	6053.97	9487.46	94.00	0.76	-0.20	0.73
	16276.00	90.62	179.57	N/A	-9634.12	909.84	6052.18	9676.90	190.00	0.38	0.08	0.37
	16465.00	90.55	179.74	N/A	-9823.10	910.97	6050.25	9865.22	189.00	0.10	-0.04	0.09
	16654.00	90.59	179.33	N/A	-10012.09	912.51	6048.37	10053.58	189.00	0.22	0.02	-0.22
Projection	16776.00	90.59	179.33	N/A	-10134.07	913.93	6047.12	10175.20	122.00	0.00	0.00	0.00