



Weatherford®

6 3/4 in. & 4 3/4 in. WeatherfordLWD™
Gamma Ray & Resistivity
1 in. & 5 in. MEASURED DEPTH
RECORDED DATA
FINAL PRINT

Company: Anadarko
Well: Sarchet 15N-32HZ
Field: Wattenberg
Rig: H & P 307
County: Weld

Location		COMPANY	
Latitude: 40.18771° N X = 3,195,525.19 ft		<u>Anadarko</u>	
Longitude: 104.80014° W Y = 1,311,997.72 ft		<u>WELL Sarchet 15N-32HZ</u>	
Other Services: Temperature and Directional		<u>FIELD Wattenberg</u>	
		<u>RIG H & P 307</u>	
		<u>COUNTY Weld</u>	
		<u>STATE Colorado</u>	
		<u>API # 05-123-35595-0000</u>	

Permanent Datum: <u>Mean Sea Level</u>			
Log Measured From: <u>Drill Floor</u>	Elev: <u>4939.0 ft</u>	above perm. datum	
Depth Reference: <u>Drillers Tally</u>	Total Depth: <u>11611 ft</u>		
Depth Logged: <u>6557 ft</u>	to <u>11611 ft</u>	Runs: <u>3</u>	
Date Logged: <u>20-Sep-12</u>	to <u>24-Sep-12</u>	Spud Date: <u>4-Sep-12</u>	

Elevation		K.B. Top Drive	
		G.L.	4919.0 ft
		D.F.	4939.0 ft
		W.D.	Land

Borehole Record			Casing Record		
Hole Size	From	To	Size	Weight	From To
8.750 in.	819 ft	7668 ft	9.625 in.	53.5 lb/ft	Surface 819 ft
6.125 in.	7668 ft	11611 ft	7.000 in.	39.0 lb/ft	Surface 7657 ft

Borehole Deviation Record			Mud Record		
Hole Size	Min. Inc.	Max. Inc.	Type	Weight	From To
8.750 in.	0.14°	87.62°	WBM	8.40 ppq	819 ft 6600 ft
6.125 in.	88.27°	92.04°	WBM	8.40 - 8.80 ppq	6600 ft 7668 ft
			WBM	8.80 - 9.70 ppq	7668 ft 11611 ft

All interpretations of log data are opinions based on inferences from electrical or other measurements. Weatherford International does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

RUN SUMMARY							
M/LWD Run Number		1	2	3			
Bit Size	in.	8.750	8.750	6.125			
Bit Type		PDC	PDC	PDC			
Bit TFA	sq.in.	0.650	0.650	0.650			
Bit Start Depth	ft	819	6600	7668			
Bit End Depth	ft	6600	7668	11611			
Top Log Interval	ft	No Logging	6557	7630			
Bottom Log Interval	ft	No Logging	7668	11611			
Begin Log Time	hrs	No Logging	7:11	5:42			
Begin Log Date	DD-MMM-YY	No Logging	20-Sep-12	23-Sep-12			
End Log Time	hrs	No Logging	5:20	20:36			
End Log Date	DD-MMM-YY	No Logging	21-Sep-12	24-Sep-12			
Drill or Wipe		Drill	Drill	Drill			
Flow Rate	gal/min	623	548	300			
Max AV / CV @ MWD	ft/min	492 / 166	433 / 234	431 / 375			
Min Inc @ Depth	deg @ ft	0.14 @ 1131	4.43 @ 6623	88.09 @ 9062			
Max Inc @ Depth	deg @ ft	10.25 @ 3969	87.62 @ 7610	92.04 @ 9814			
MUD DATA							
Depth	ft	6600	7668	11611			
Fluid Type		WBM	WBM	WBM			
Mud Weight	ppg	8.40	8.80	9.70			
Plastic Viscosity	cP	2	5	12			
Solids / Sand	%	1.2 / 0	3.2 / 0.50	7.6 / 0.50			
Total Chlorides	ppm	1000	900	1000			
pH		11.4	8.6	9.8			
Oil:Water Ratio	% Vol	100:0	96.5:3.5	91.2:8.8			
Rm @ Temperature	ohm-m @ deg F	N/A	N/A	1.98 @ 76			
Rmc @ Temperature	ohm-m @ deg F	N/A	N/A	2.90 @ 76			
Rmf @ Temperature	ohm-m @ deg F	N/A	N/A	1.95 @ 76			
KCl	% Vol	0	0	0			
Client Representative		C. Thibodeaux	C. Thibodeaux	C. Thibodeaux			
WeatherfordM/LWD Engineer		R. Komrs	R. Komrs	L. Howse			

EQUIPMENT SUMMARY					
M/LWD Run Number	1	2	3		
MWD Build Number	CP20622YHRDP-01	CP20622YHRDP-01	N/A		
HEL Serial Number	N/A	N/A	NW22010PDB4.75		
MFR Serial Number	N/A	N/A	NW22041RBBK4.75		
IDS Serial Number	N/A	N/A	NW22042BI4.75		
SAGR Serial Number	N/A	N/A	NW22043JB4.75		
Sensor to Bit Offsets / Acquisition Rates					
Directional	ft / sec	57.92 / RT	57.92 / RT	53.90 / RT	
Gamma Ray	ft / sec	43.71 / RT	43.71 / RT	38.98 / 5	
Resistivity	ft / sec	N/A	N/A	75.18 / 5	
Other Information					
Total BHA Length	ft	96.33	96.33	138.08	
BHA Assembly Type		Steerable	Steerable	Steerable	
Stabilizer Location	ft	N/A	N/A	34.41	
Stabilizer Location	ft	N/A	N/A	N/A	
Run Circulating Time	hr	37.00	21.66	51.35	
Run Drilling Time	hr	23.00	13.53	33.26	

MUD SUMMARY

Date and Time	Run	Bit Depth	Mud Weight	% K	Rm @ Temp	Rmf @ Temp	Rmc @ Temp	BHCT
19 Sept 12 @ 20:16	01	6600 ft	8.40 ppg	0	N/A	N/A	N/A	101 F
21 Sept 12 @ 05:20	02	7668 ft	8.80 ppg	0	N/A	N/A	N/A	154 F
25 Sept 12 @ 20:39	03	11611 ft	9.70 ppg	0	1.98 @ 76	1.95 @ 76	2.90 @ 76	224 F

M/LWD RUN REMARKS

Run Number: 1 :: REAL TIME DATA LOG

WFT Services Provided:

Real Time Logging: Temperature.

Directional Services: On demand Inclination and Azimuth.

Run Number: 2 :: REAL TIME DATA LOG

WFT Services Provided:

Real Time Logging: Gamma Ray and Temperature.

Directional Services: On demand Inclination and Azimuth.

Borehole and Environmental Correction:

Collar O.D.: 6.75 in.

Gamma Ray: Collar O.D., collar I.D. and K1 factor.

Collar I.D.: 3.250 in.

K1 Factor: 3.012

Run Number: 3 :: RECORDED DATA LOG

WFT Services Provided:

Recorded and Real Time Logging: Gamma Ray, Deep, Medium and Shallow Resistivity, and Temperature.

Directional Services: On demand Inclination and Azimuth.

Borehole and Environmental Correction:

Hole Size: 6.125 in.

Gamma Ray: Corrected for mud weight, hole size and KCl concentration.

Mud Weight: 9.70 ppg

Resistivities: Corrected for borehole temperature, hole size, drilling fluid resistivity and dielectric correction.

Borehole Temperature: 224° F

Drilling Fluid Resistivity: 1.98 ohm-m

KCl Concentration: 0%

M/LWD LOG COMMENTS

Comment No. 1-1

No logging done during this run.

Comment No. 2-1

REAL TIME DATA LOG

Start of MWD Drilling Run 02

Weatherford International provided 6 3/4 in. Directional, Gamma Ray and Temperature for Run 02.

Run 02 started formation drilling September 20, 2012 at 7:11 at 6600 MD / 6565 TVD. Weatherford International logged the 8.75 in. borehole.

The WBM at the start of drilling was 8.8 ppg.

Comment No. 2-2

End of MWD Drilling Run 02

Run 02 ended drilling formation September 21, 2012 at 5:20 at 7668 MD / 7215 TVD.

The WBM at the end of drilling was 8.8 ppg.

Comment No. 3-1

RECORDED DATA LOG

Start of LWD Drilling Run 03

Weatherford International provided 4 3/4 in. Directional, Resistivity, Gamma Ray, and Temperature for Run 03.

Run 03 started formation drilling September 23, 2012 at 5:42 at 7668 MD / 7215 TVD. Weatherford International logged the 6.125 in. borehole.

The WBM at the start of drilling was 8.80 ppg.

Comment No. 3-2

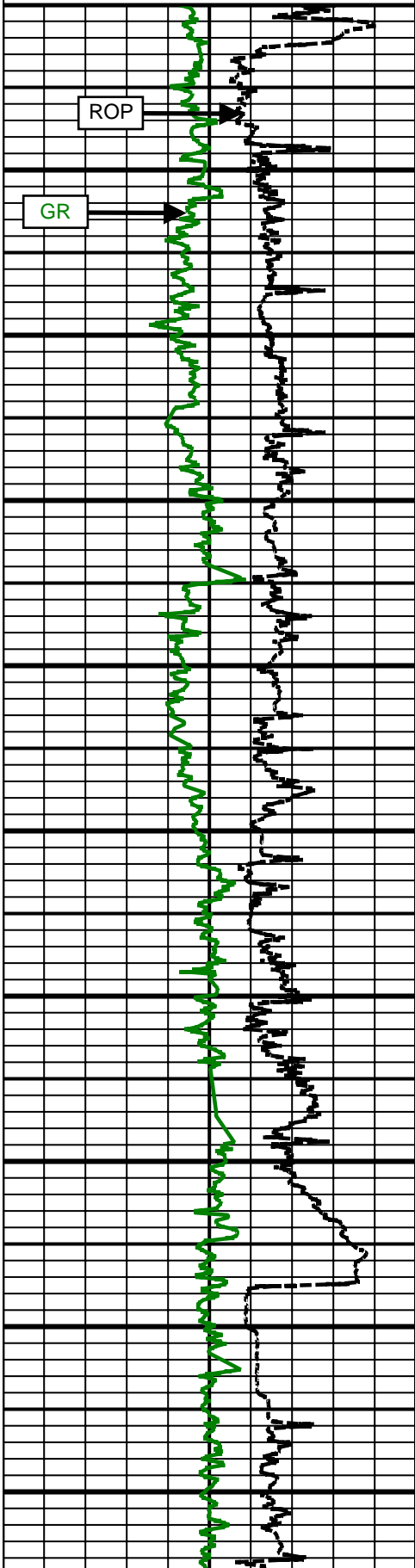
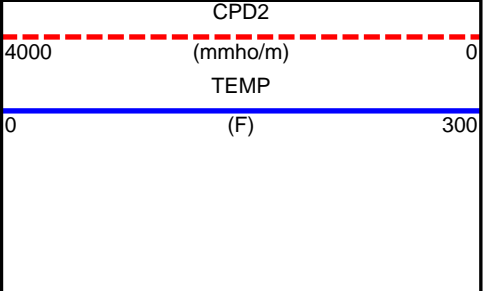
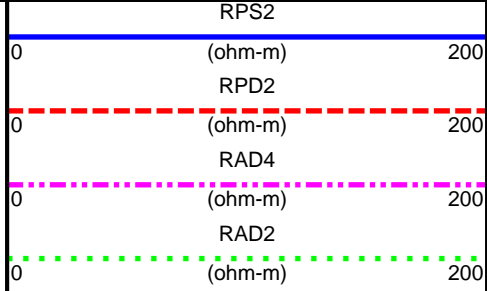
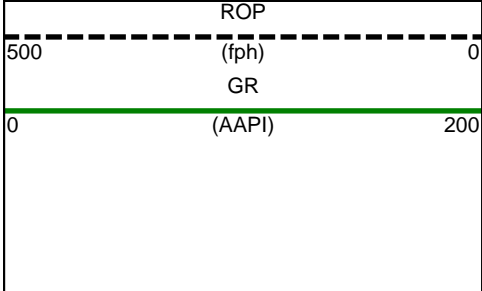
End of LWD Drilling Run 03

Run 03 ended drilling formation September 24, 2012 at 20:36 at 11611 MD / 7213 TVD.

The WBM at the end of drilling was 9.70 ppg.

CURVE SPECIFICATIONS				
CURVE TYPE	MNEMONIC	UNITS	COMMENTS	CORRECTIONS
Rate of Penetration	ROP	fph	Rate of Penetration 3.0 ft window 0.5 ft Exponential Smoothing	None
Gamma Ray	GR	AAPI	Gamma Ray 3.0 ft window 0.5 ft Exponential Smoothing	See M/LWD Run Remarks
Deep Phase Resistivity	RPD2	ohm-m	2 MHz Deep Phase Resistivity 3.0 ft window 0.5 ft Exponential Smoothing	
Deep Attenuation Resistivity	RAD2	ohm-m	2 MHz Deep Attenuation Resistivity 3.0 ft window 0.5 ft Exponential Smoothing	
Deep Attenuation Resistivity	RAD4	ohm-m	400 kHz Deep Attenuation Resistivity 3.0 ft window 0.5 ft Exponential Smoothing	
Shallow Phase Resistivity	RPS2	ohm-m	2 MHz Shallow Phase Resistivity 3.0 ft window 0.5 ft Exponential Smoothing	
Deep Phase Conductivity	CPD2	mmho/m	2 MHz Deep Phase Conductivity 3.0 ft window 0.5 ft Exponential Smoothing	
Temperature	TEMP	F	Temperature 3.0 ft window 0.5 ft Exponential Smoothing	None

1 Inch - Measured Depth



5000 MD

5100 MD

5200 MD

5300 MD

5400 MD

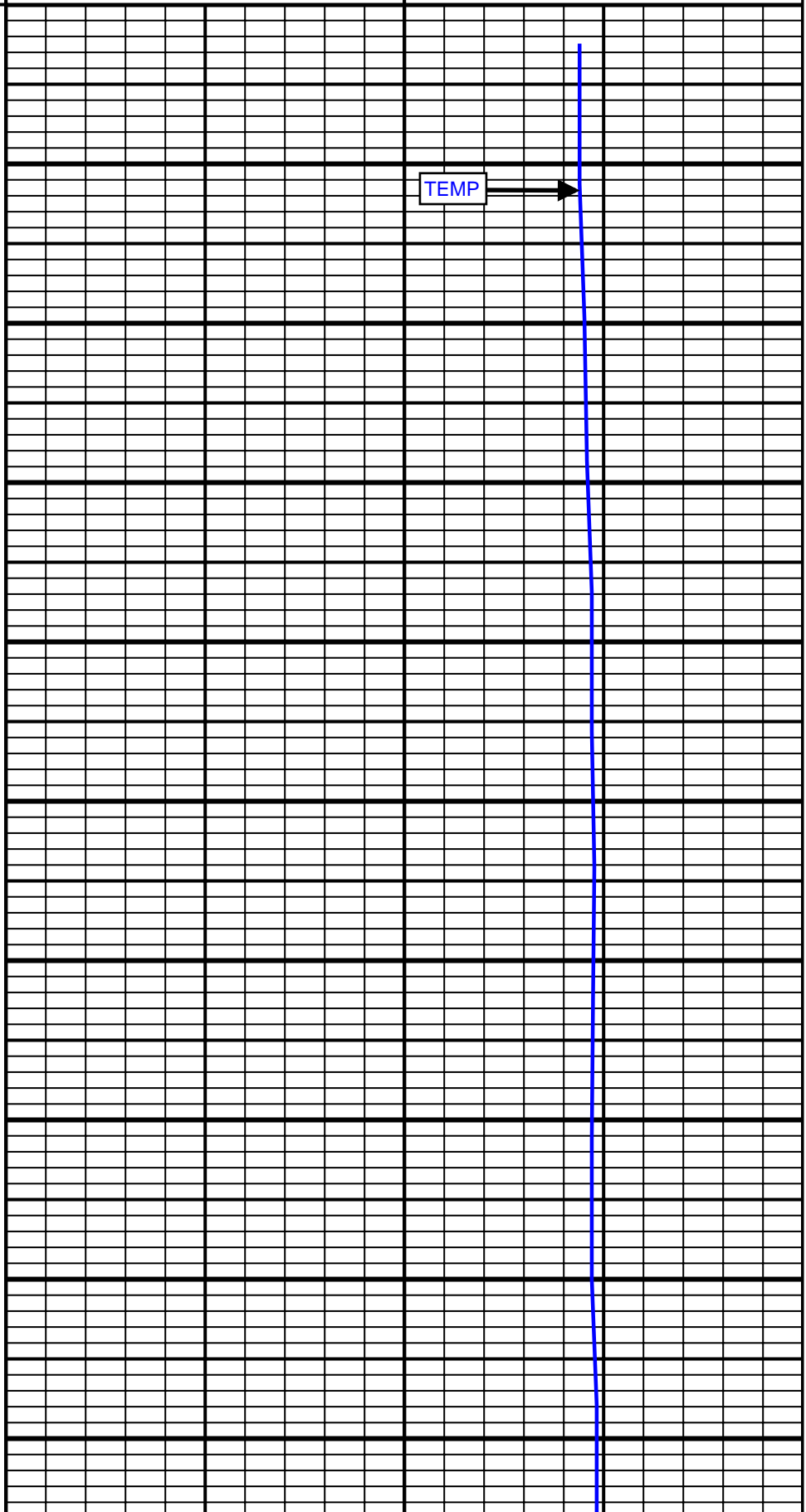
5500 MD

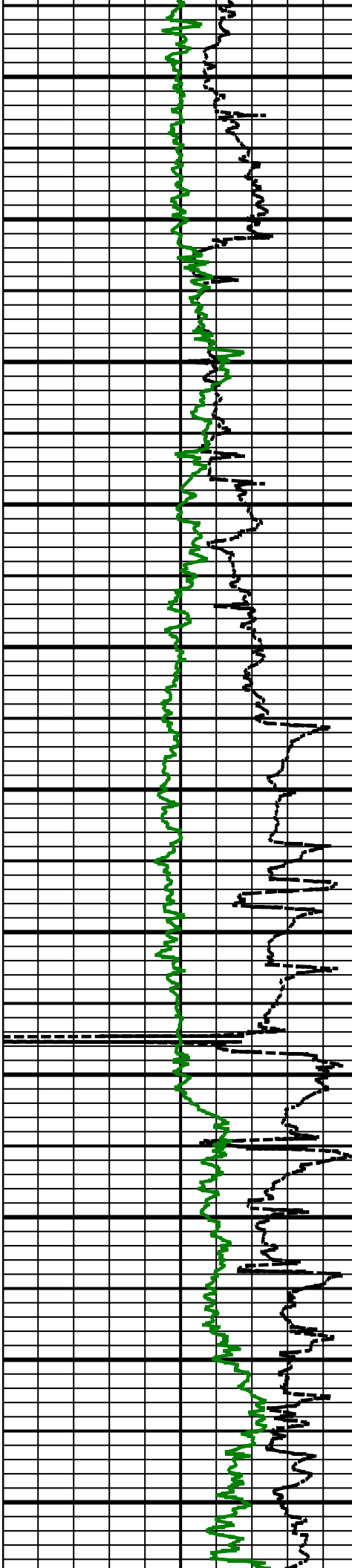
5600 MD

5700 MD

5800 MD

5900 MD





6000
MD

6100
MD

6200
MD

6300
MD

6400
MD

6500
MD

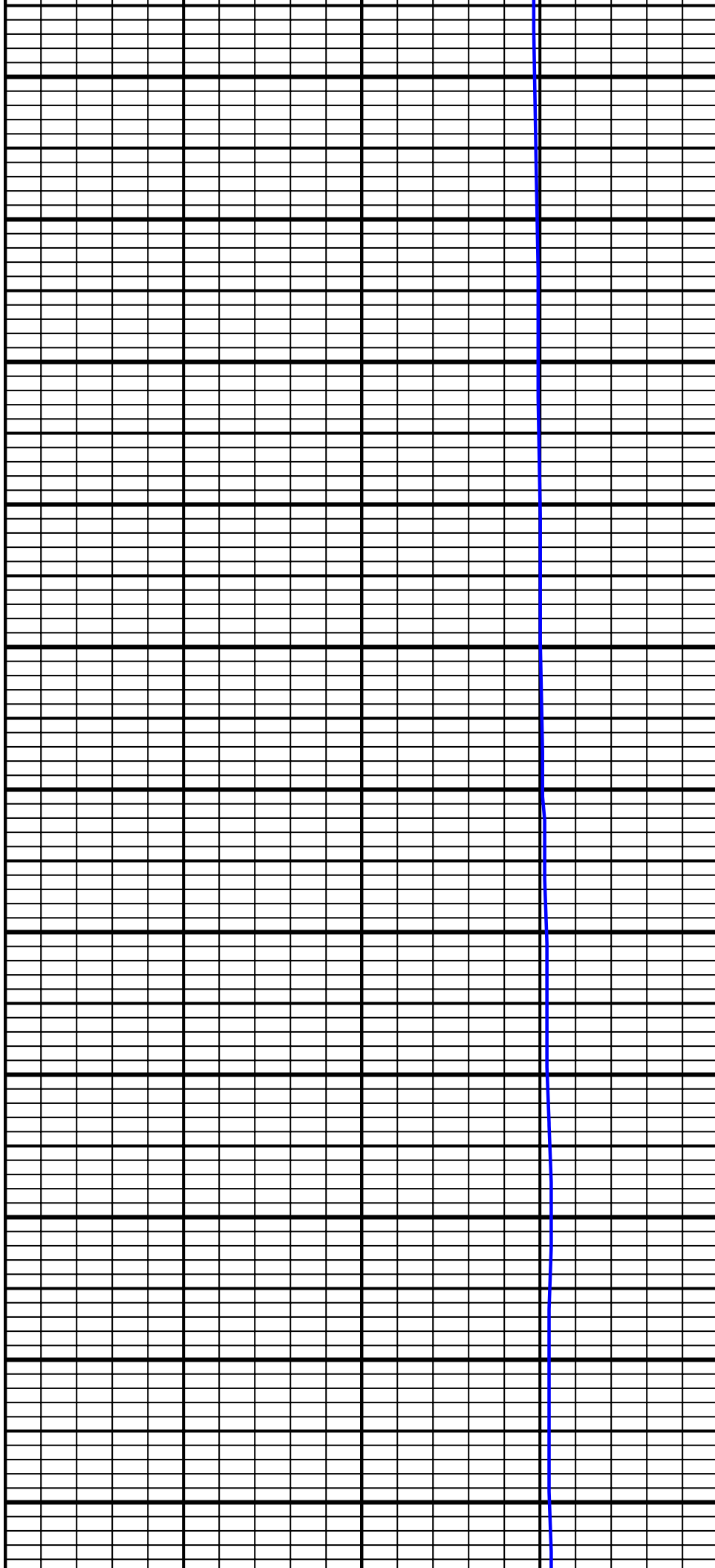
6600
MD

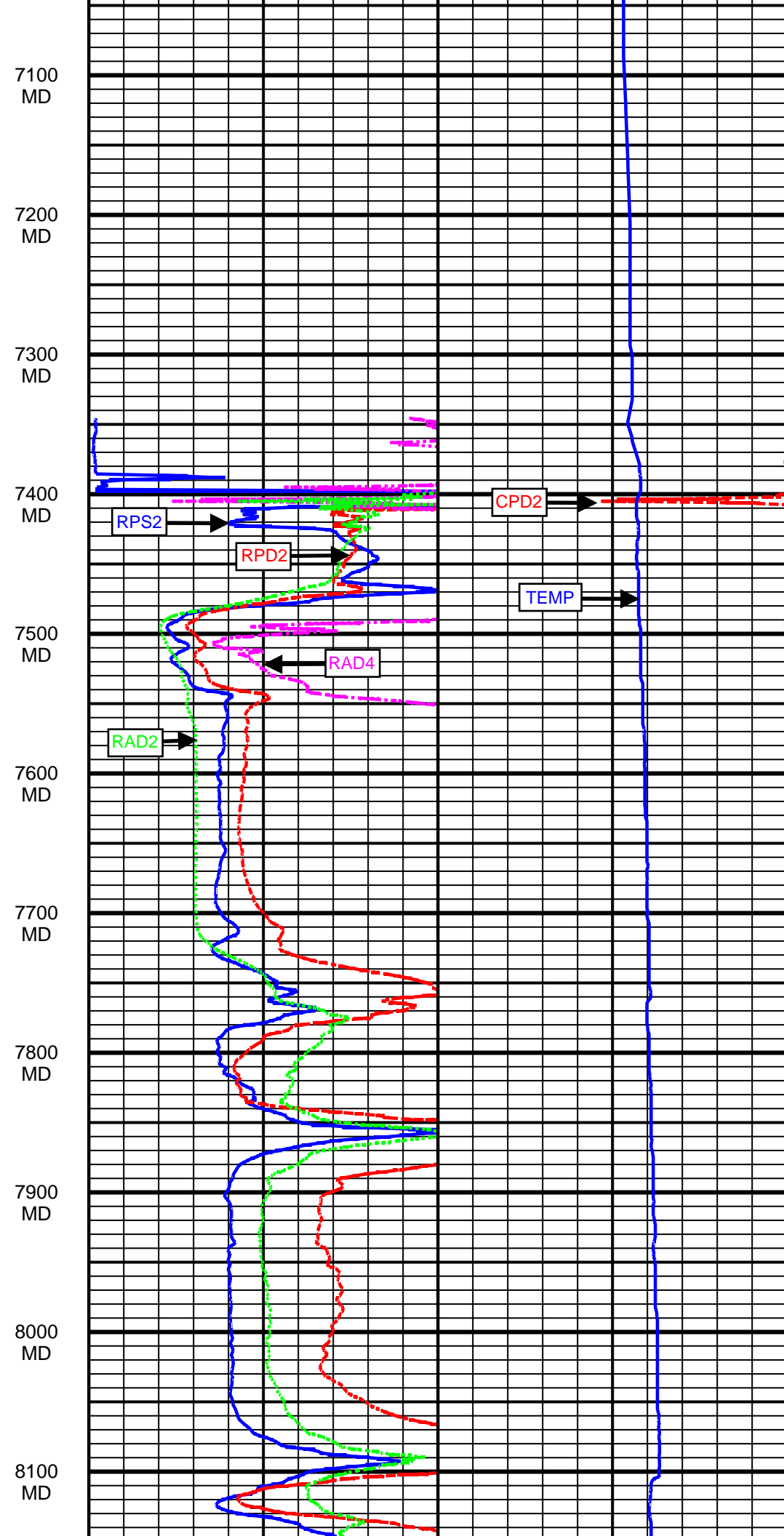
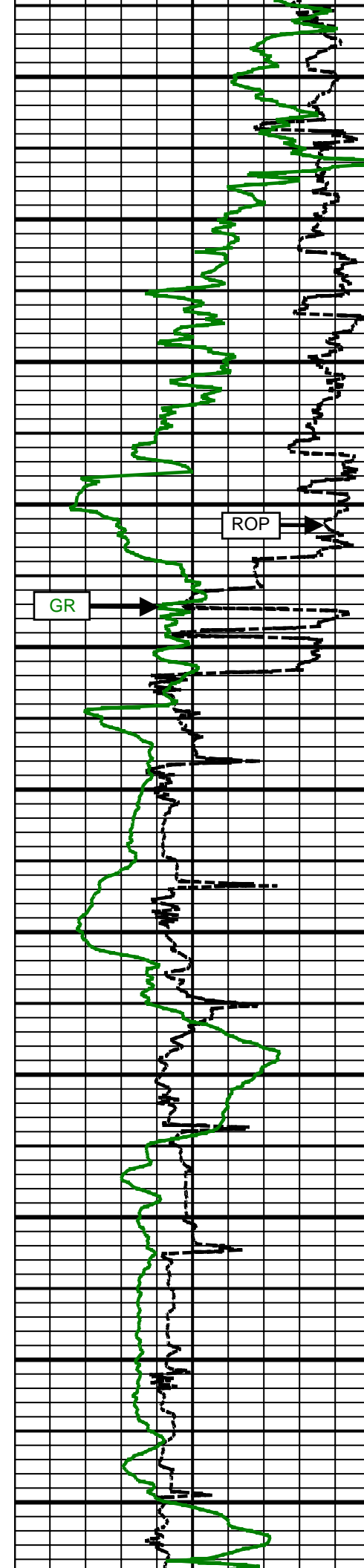
6700
MD

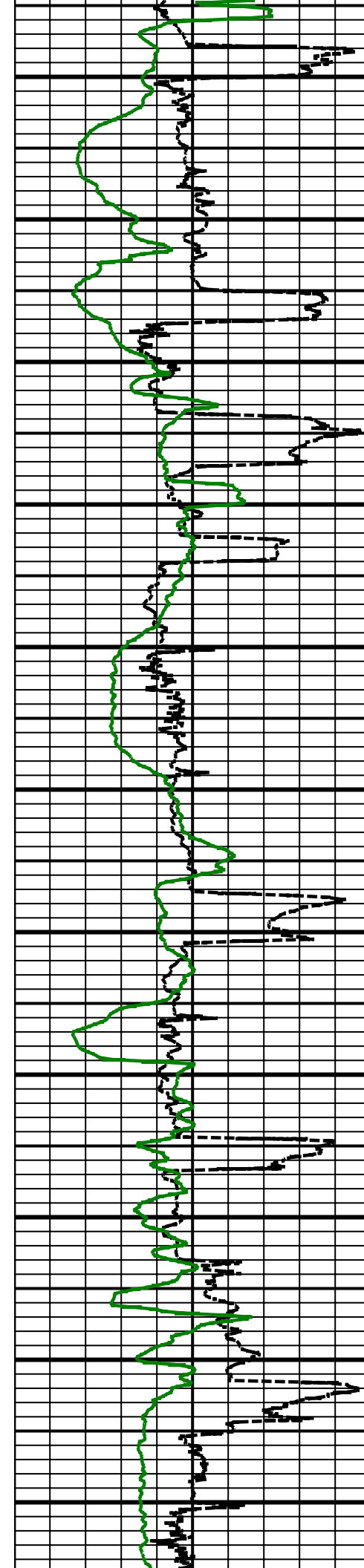
6800
MD

6900
MD

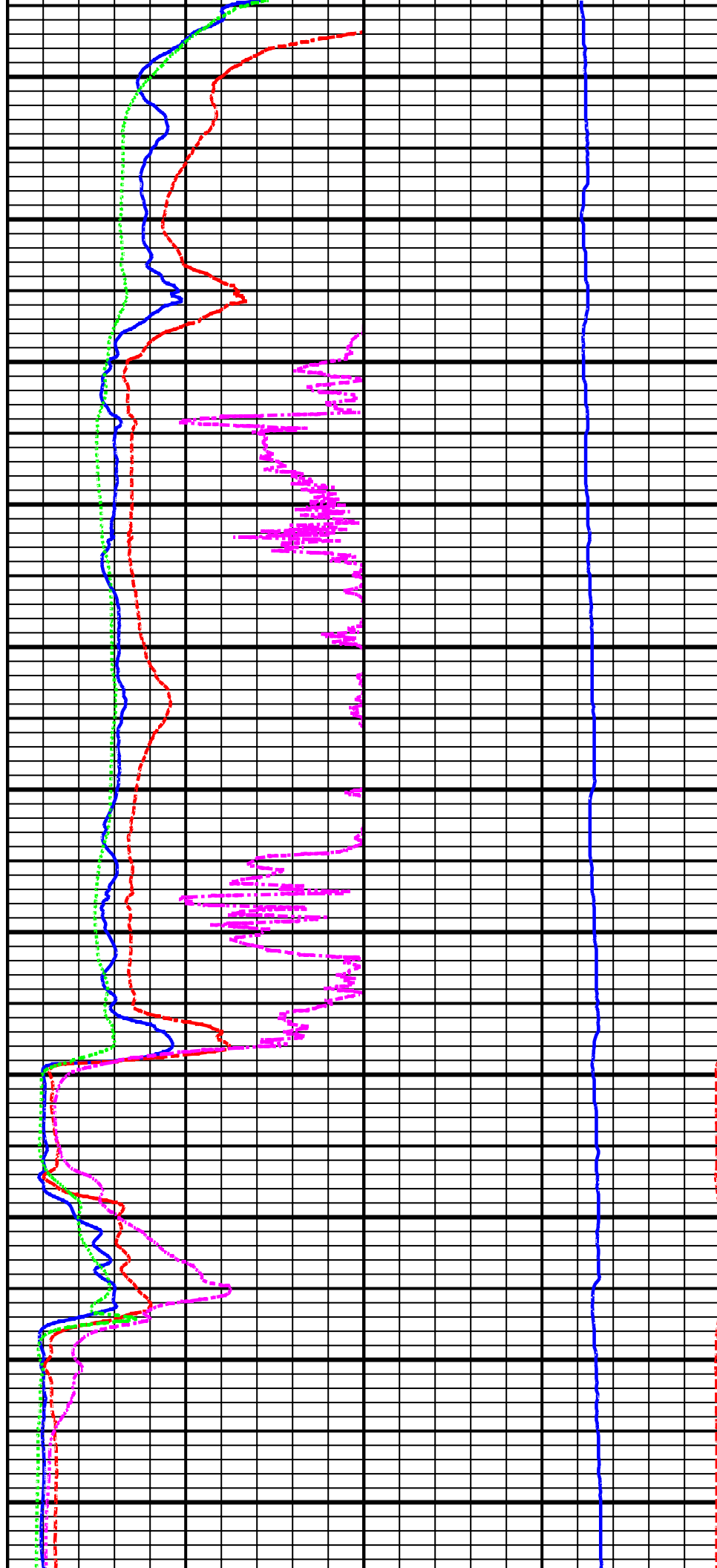
7000
MD

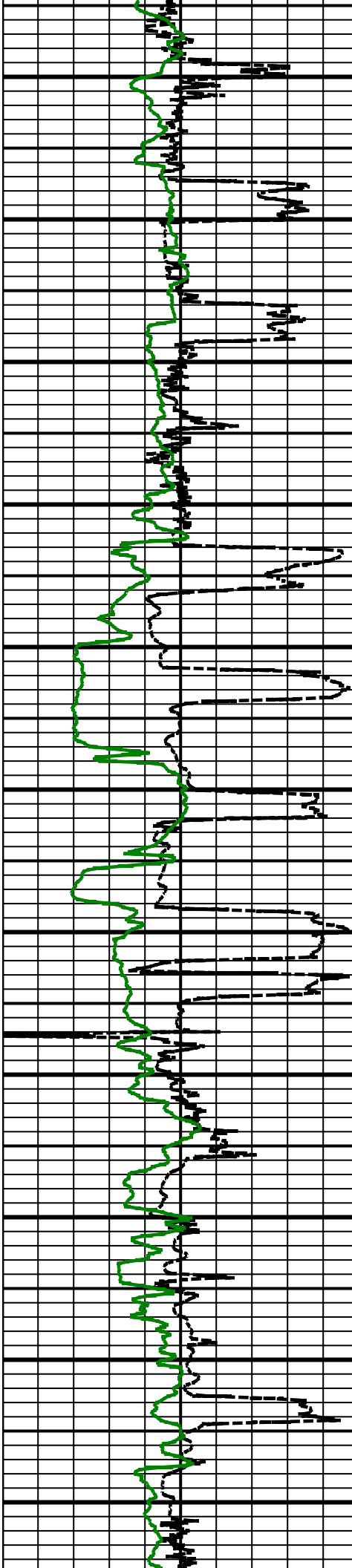




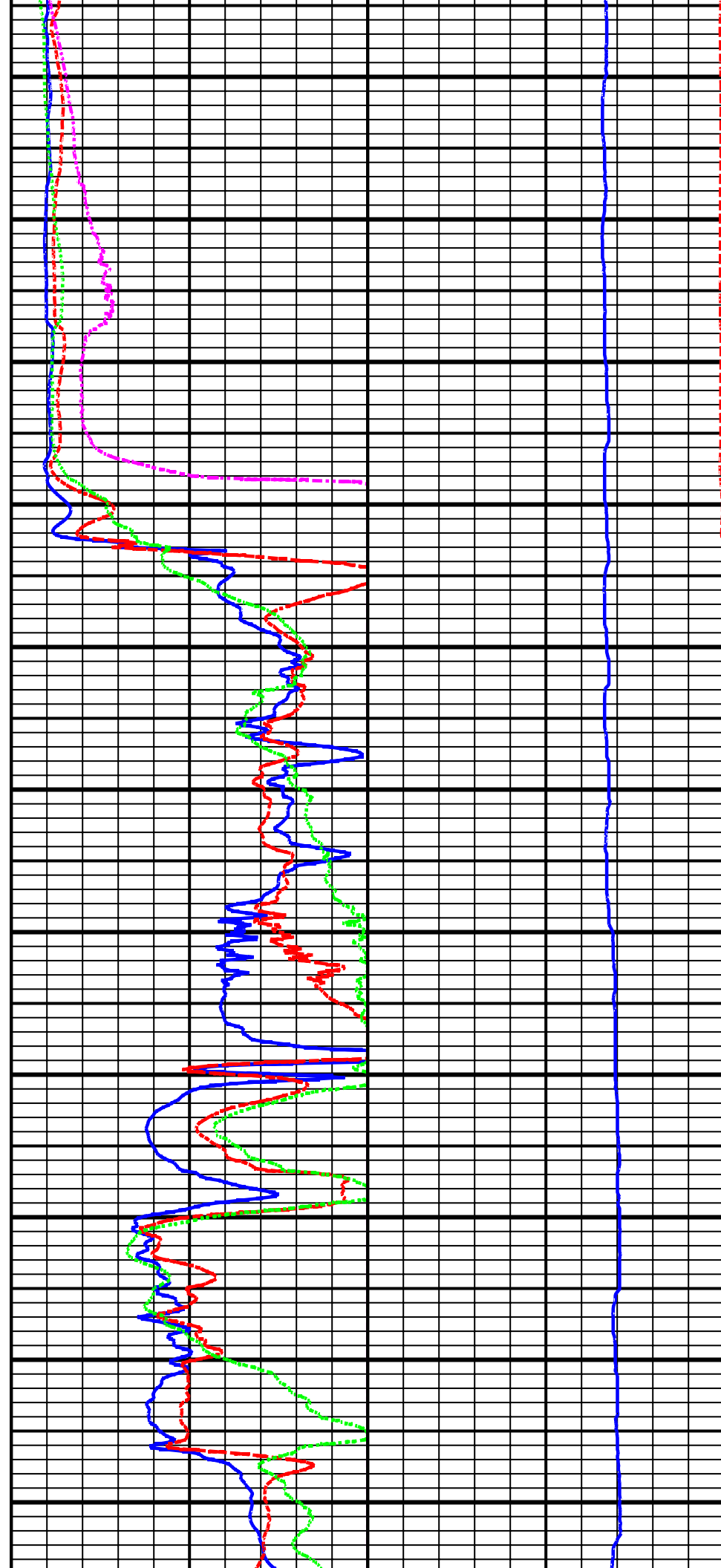


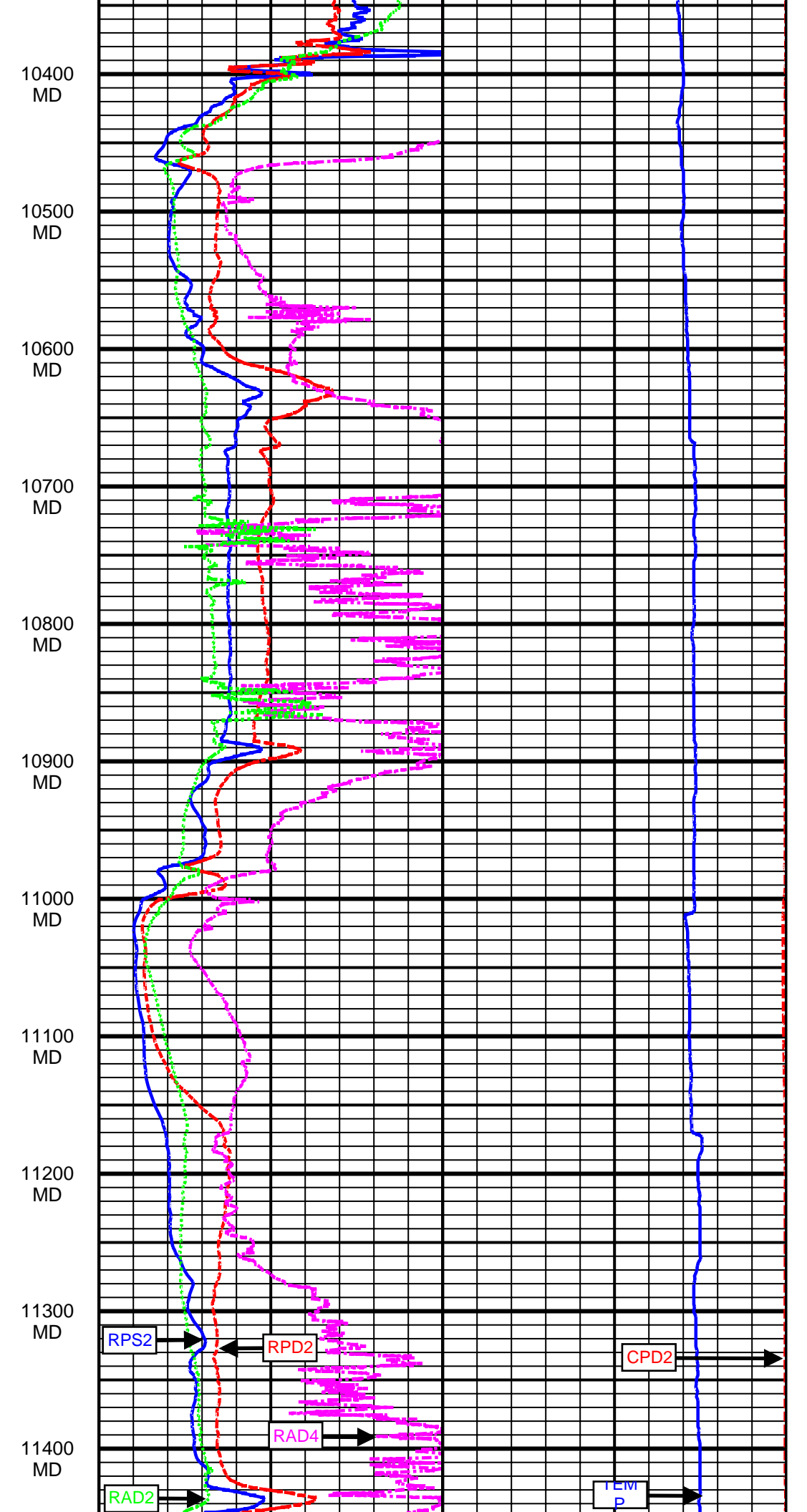
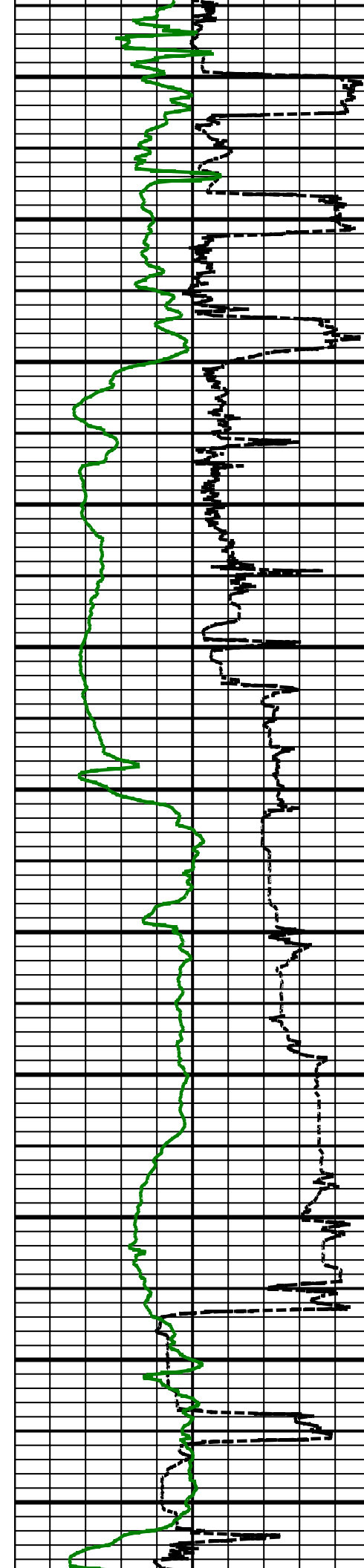
8200 MD
8300 MD
8400 MD
8500 MD
8600 MD
8700 MD
8800 MD
8900 MD
9000 MD
9100 MD
9200 MD

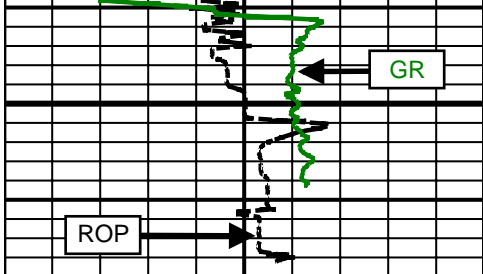




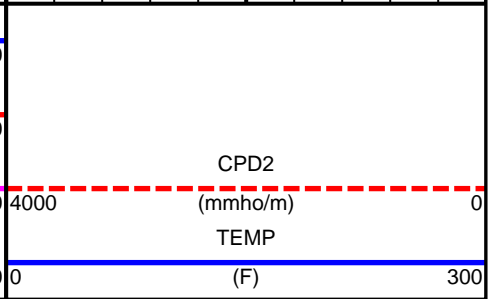
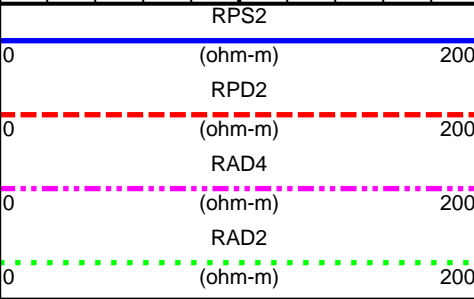
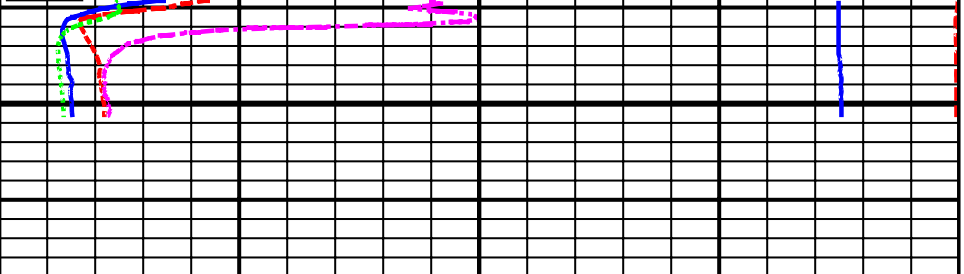
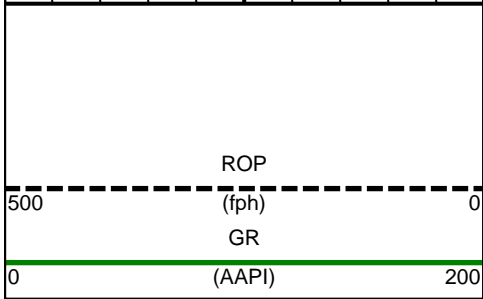
9300 MD
9400 MD
9500 MD
9600 MD
9700 MD
9800 MD
9900 MD
10000 MD
10100 MD
10200 MD
10300 MD



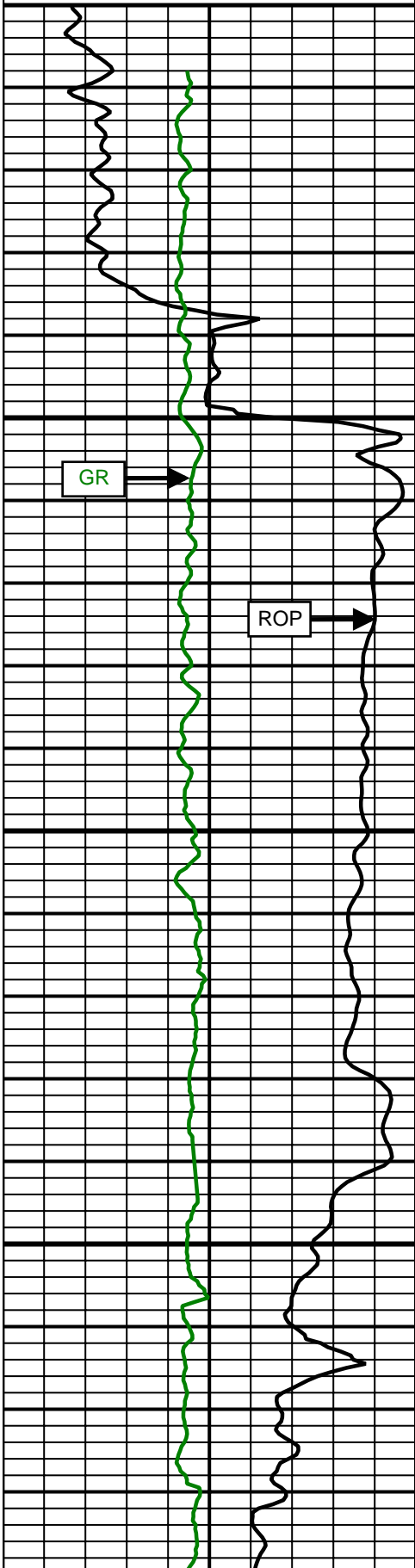
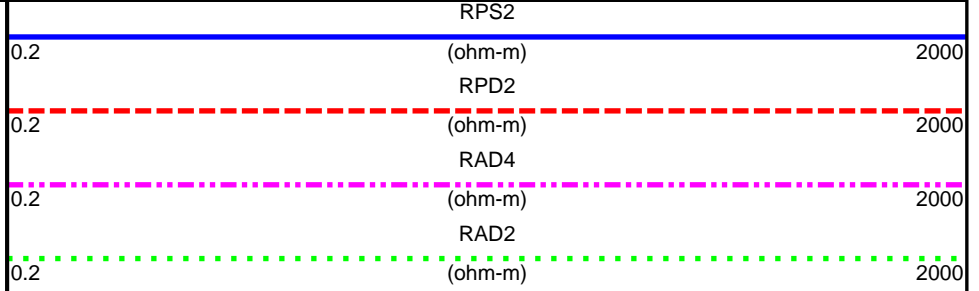
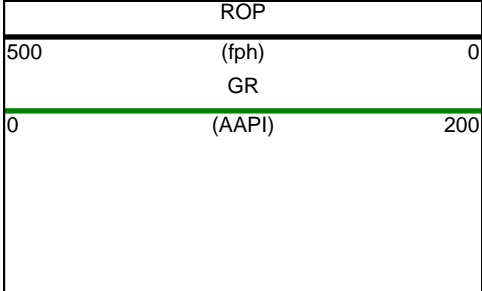




11500
MD



5 Inch - Measured Depth

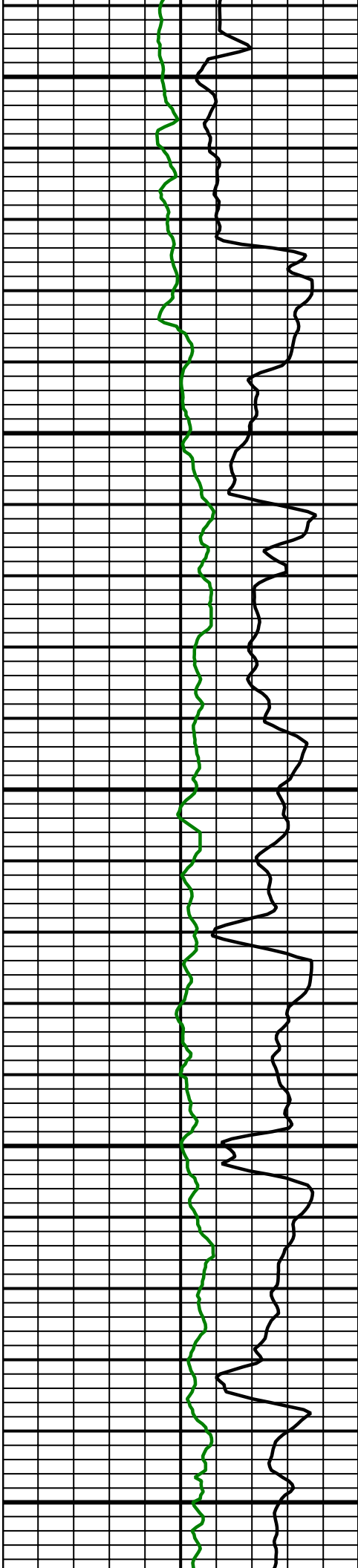


Comment 1-1

Comment 2-1

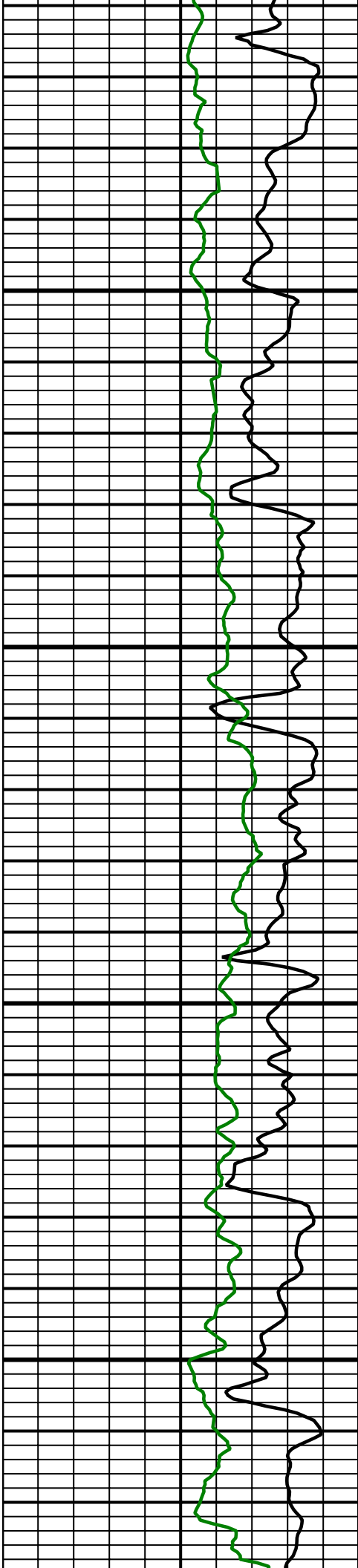
6600 MD

6700 MD



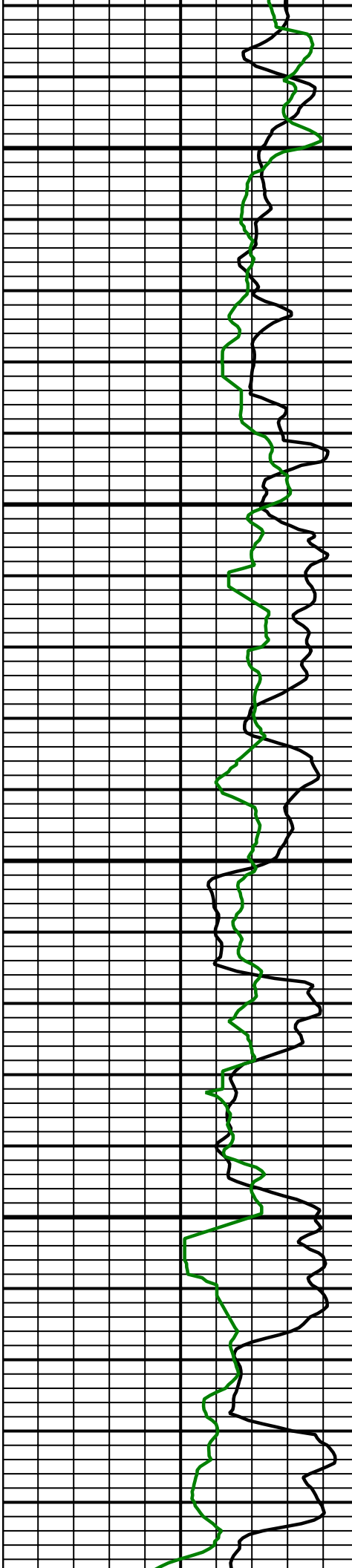
6800
MD

6900
MD



7000
MD

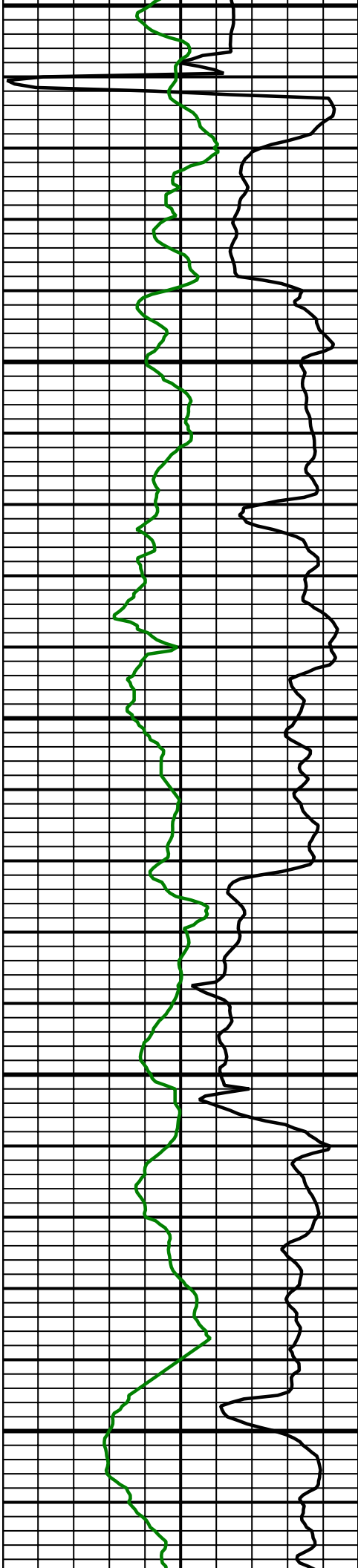
7100
MD



7200
MD

7300
MD

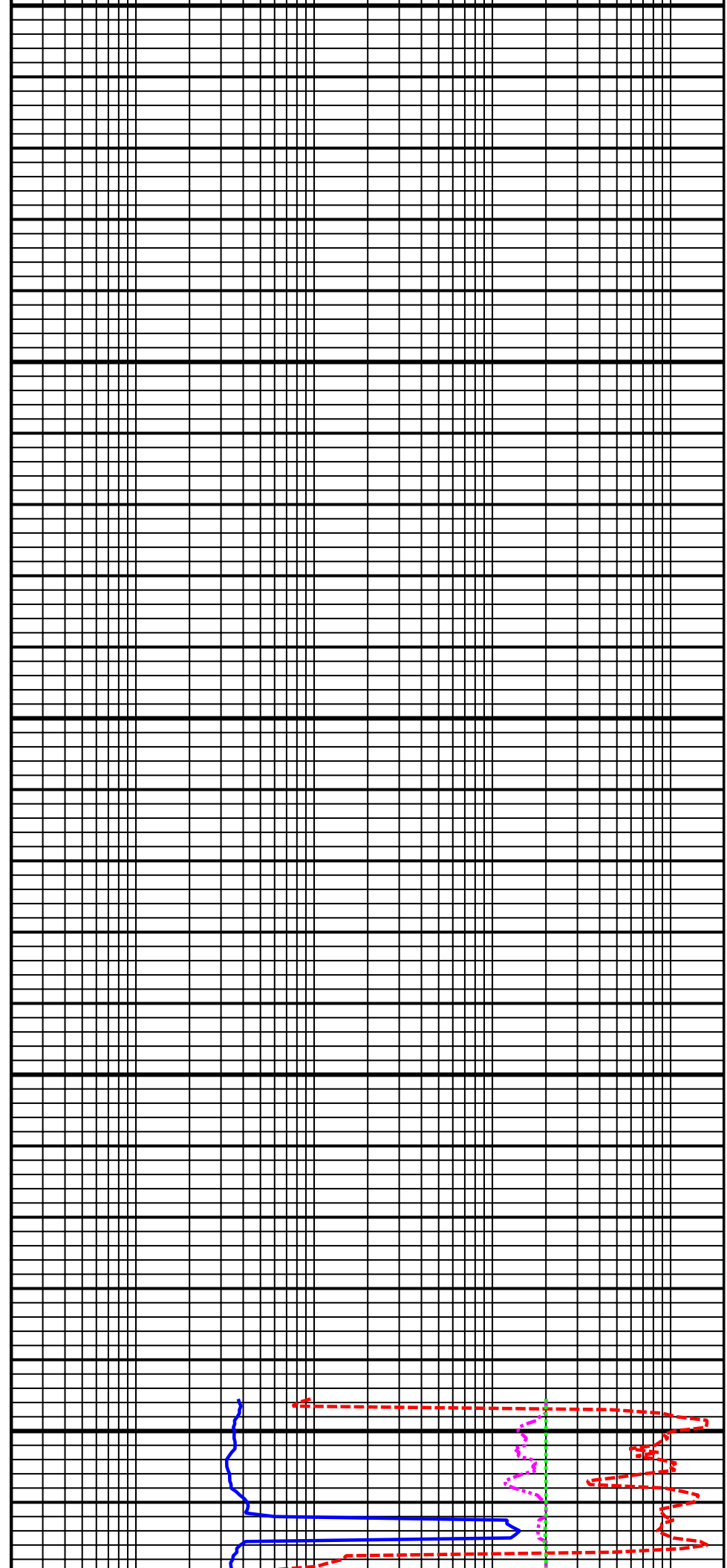
7400
MD

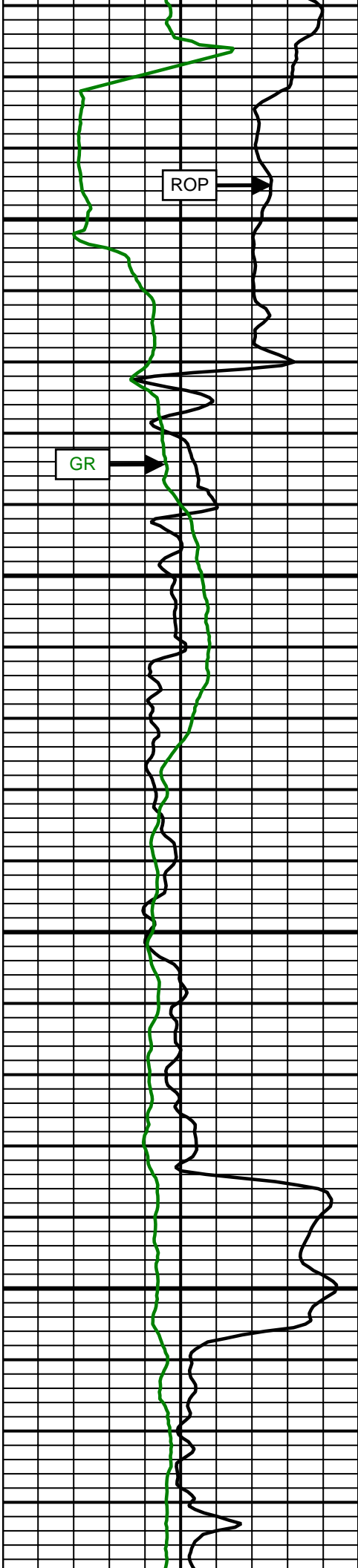


7400
MD

7500
MD

7600
MD



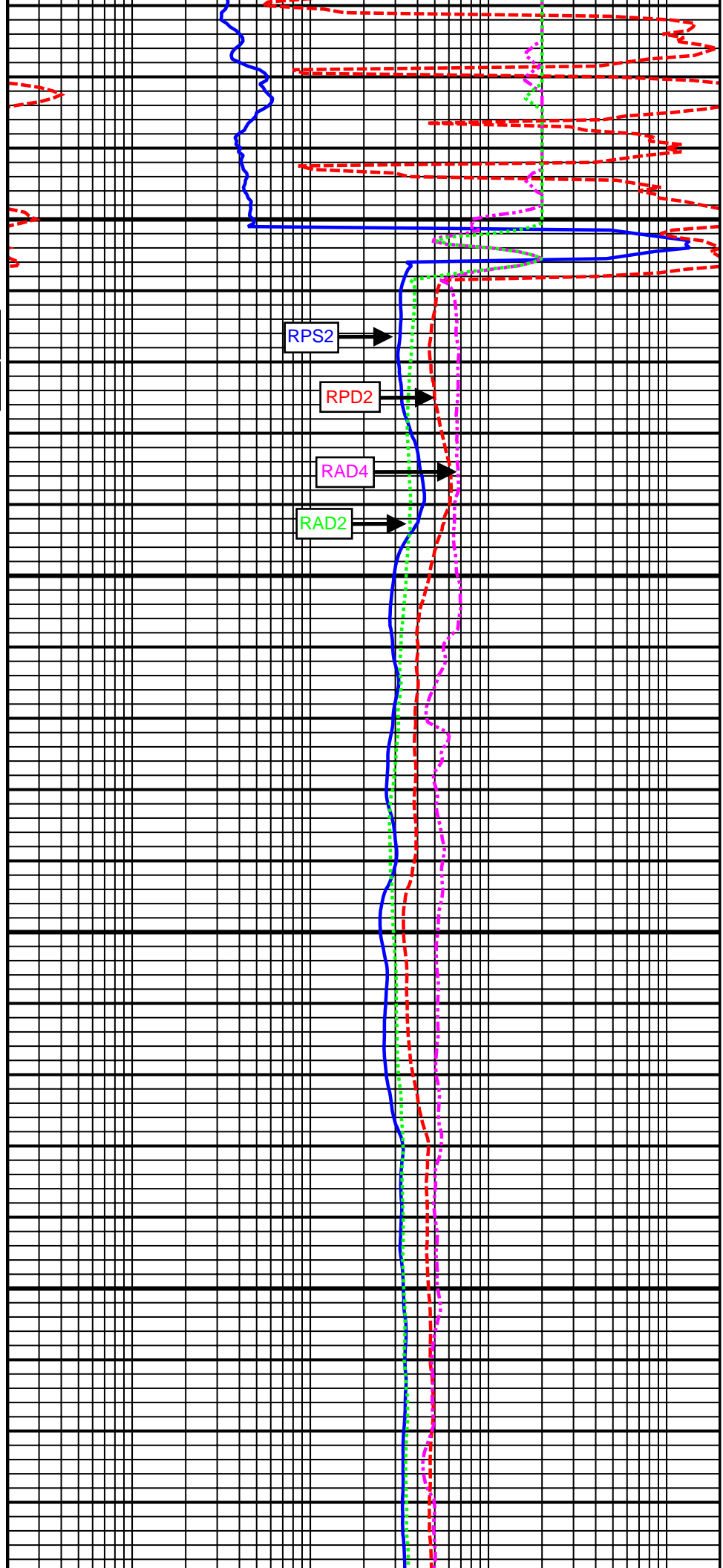


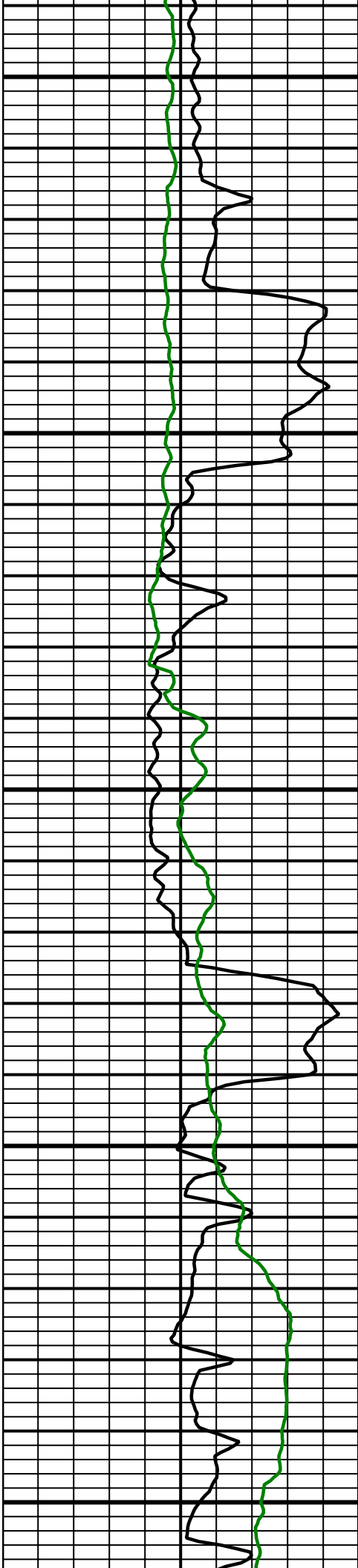
Comment
2-2

Comment
3-1

7700
MD

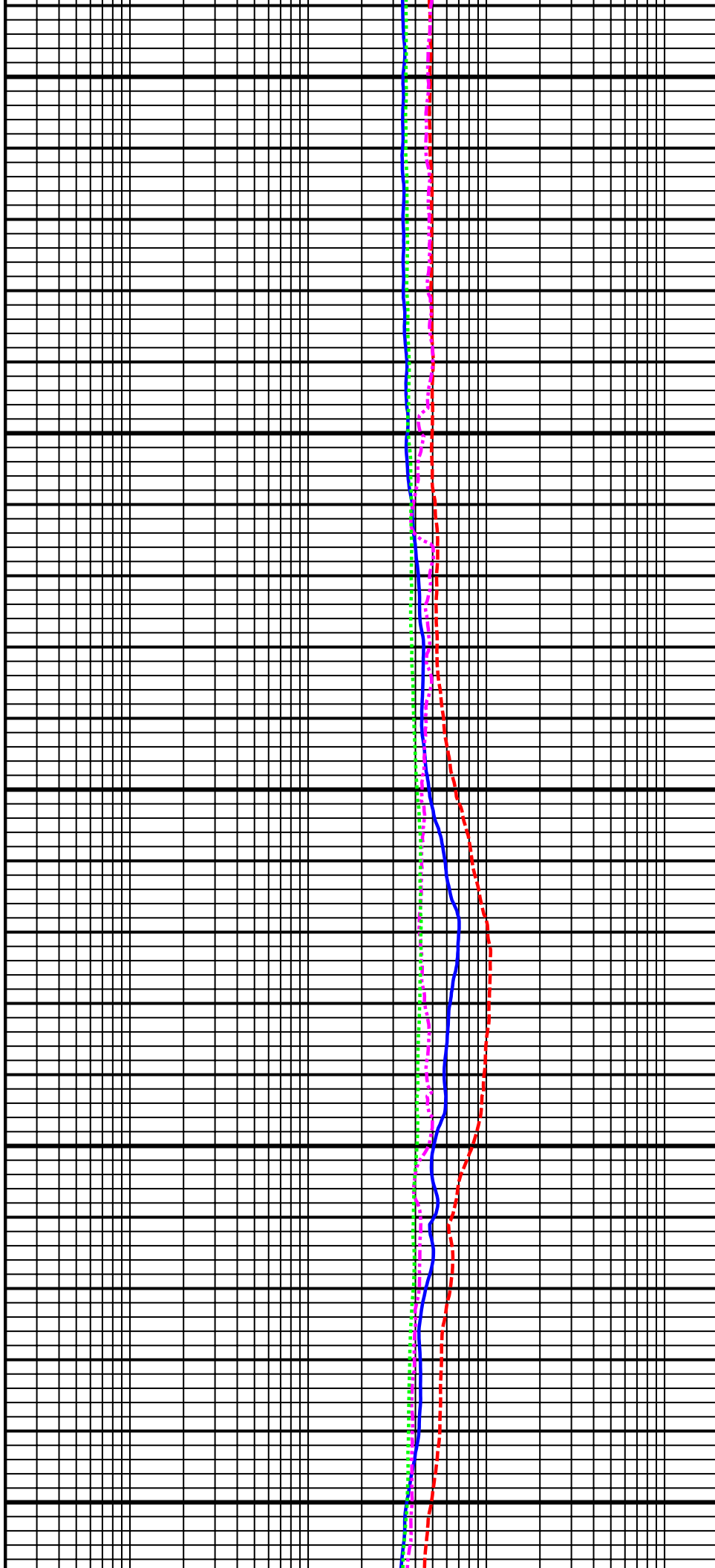
7800
MD

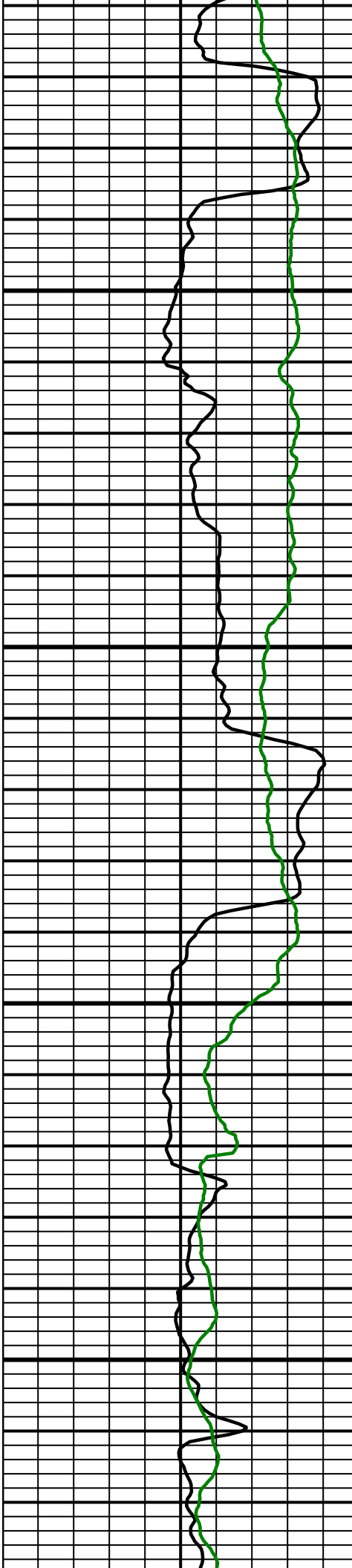




7900
MD

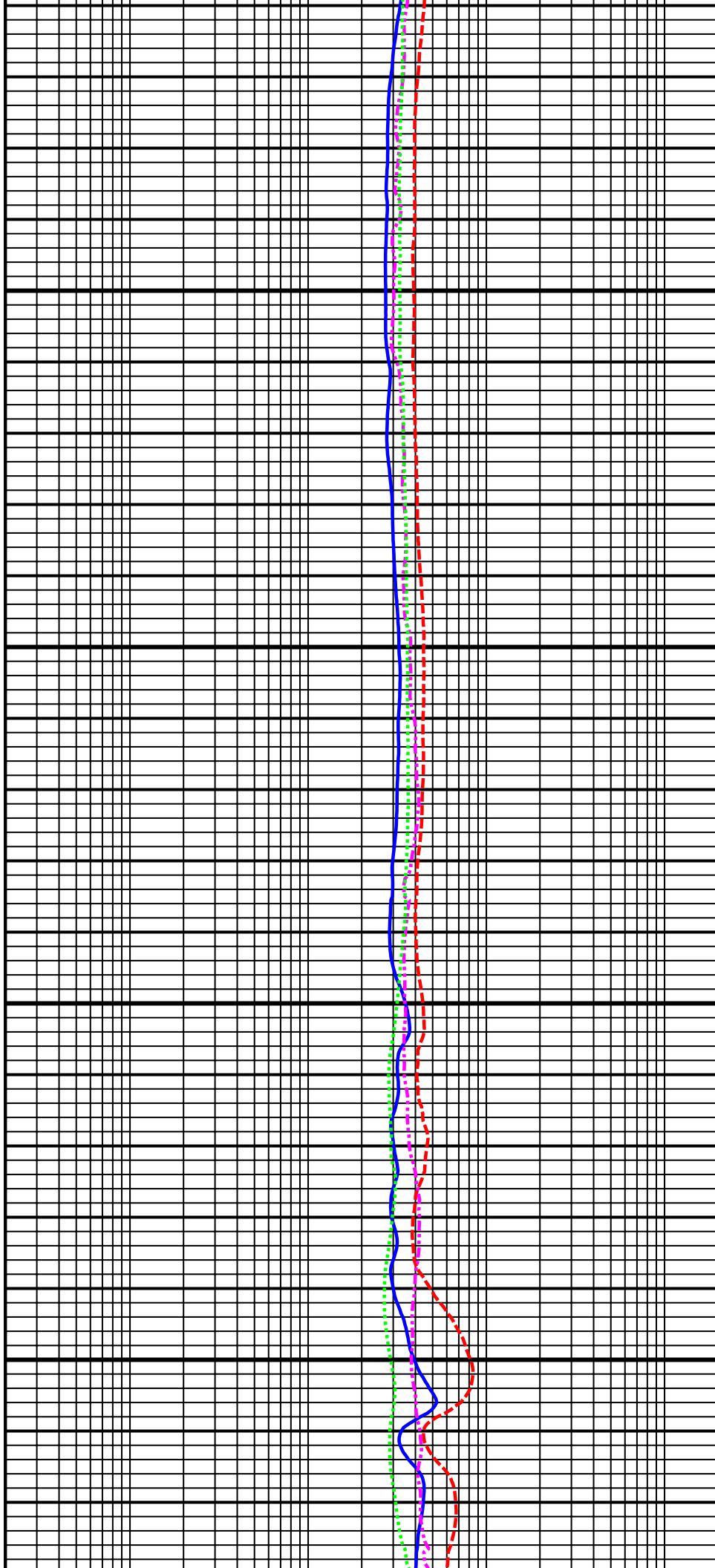
8000
MD

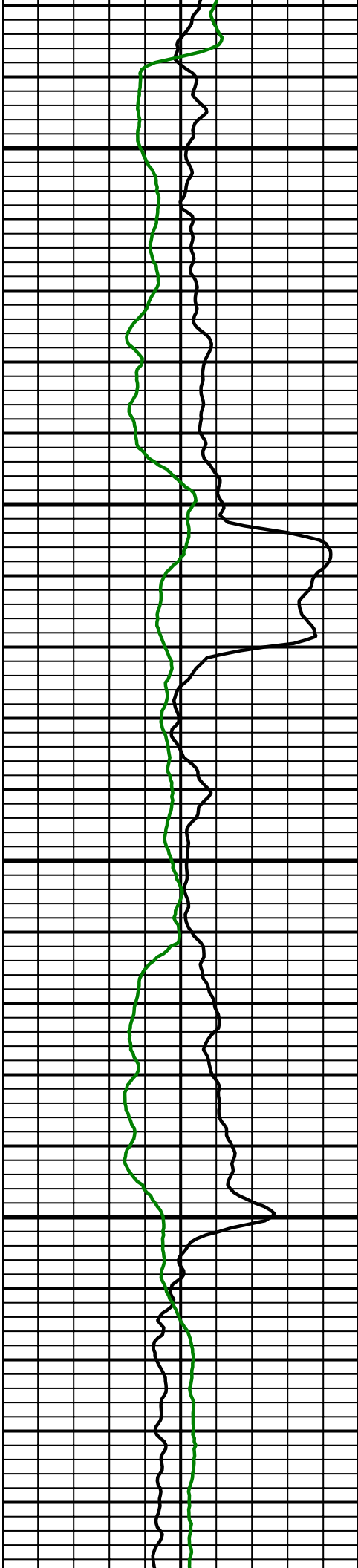




8100
MD

8200
MD





8300
MD

8400
MD

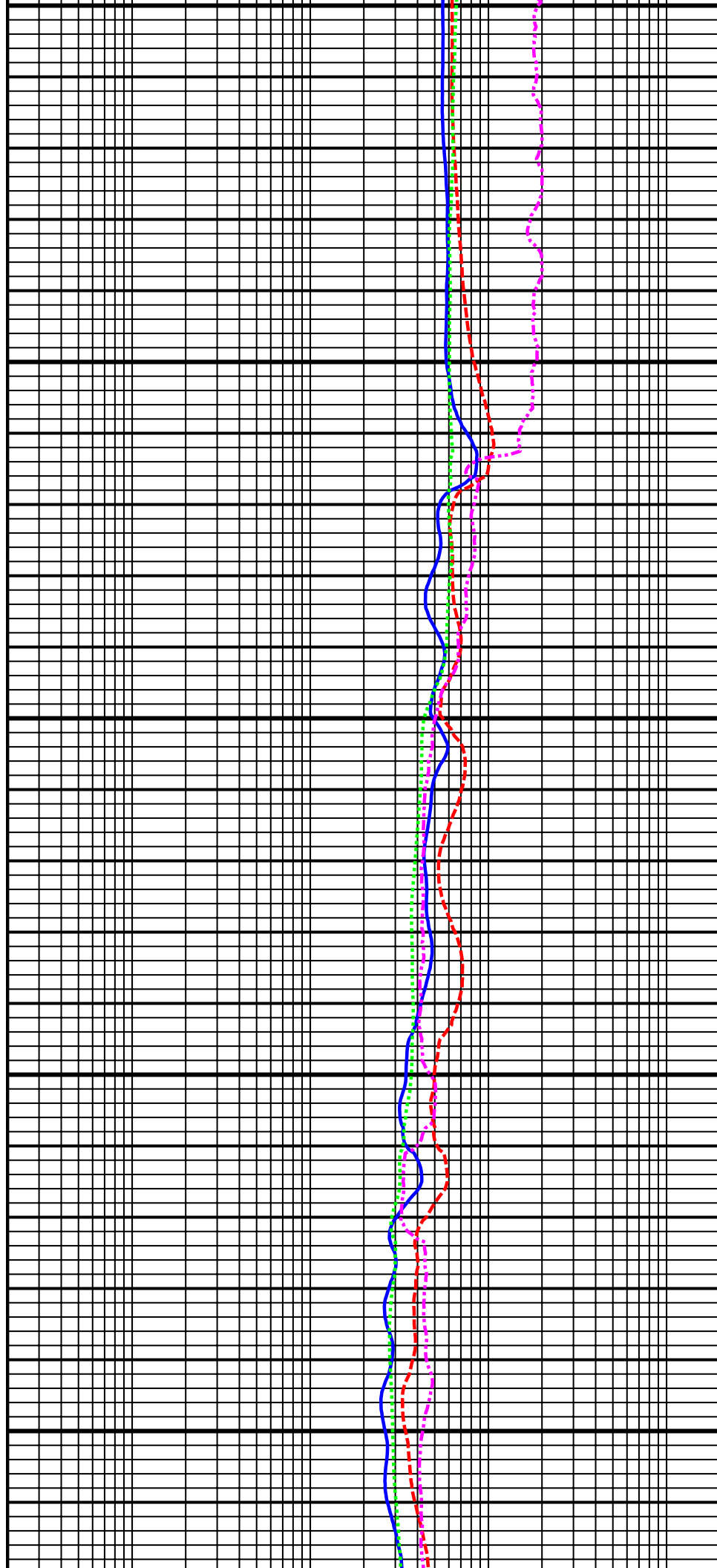
8500
MD

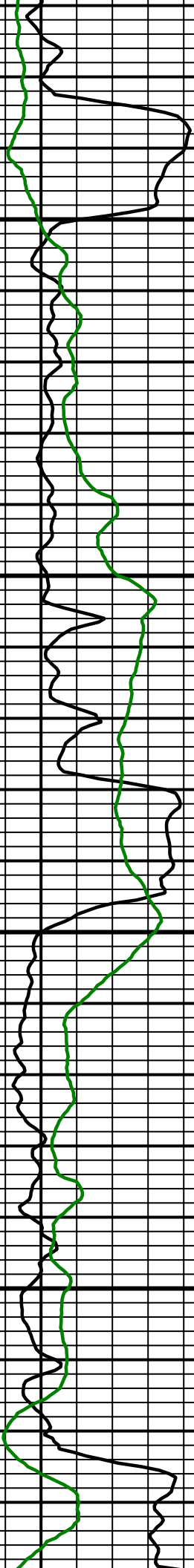


8500
MD

8600
MD

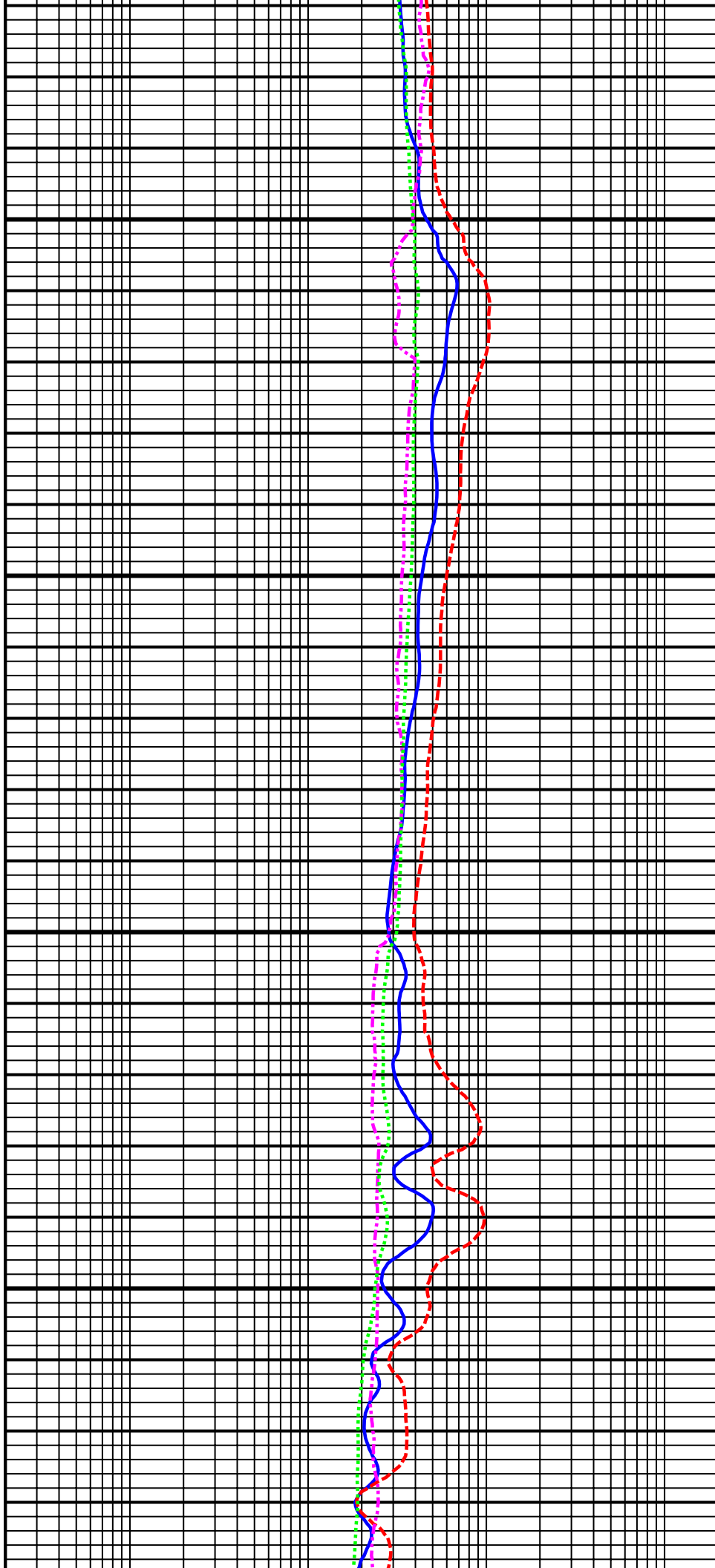
8700
MD

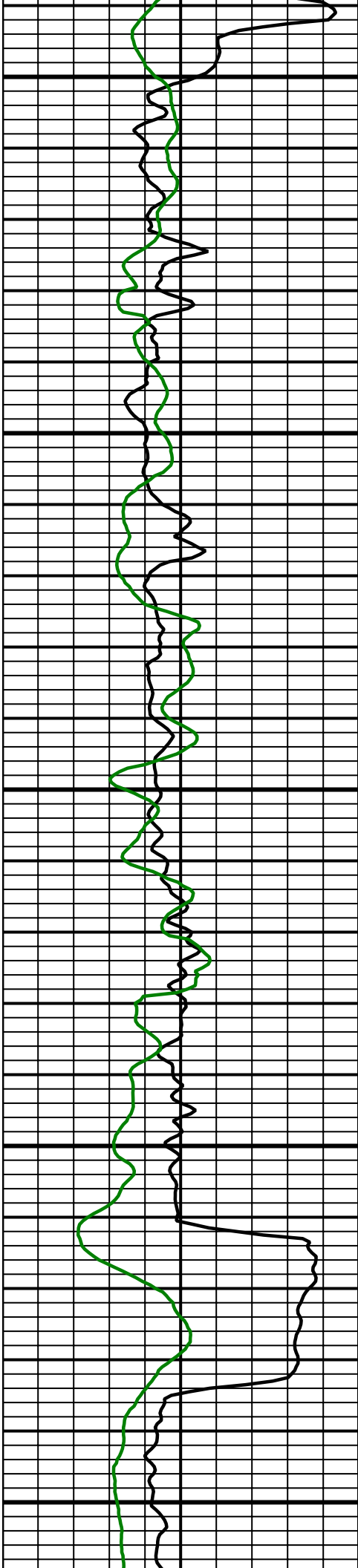




8800
MD

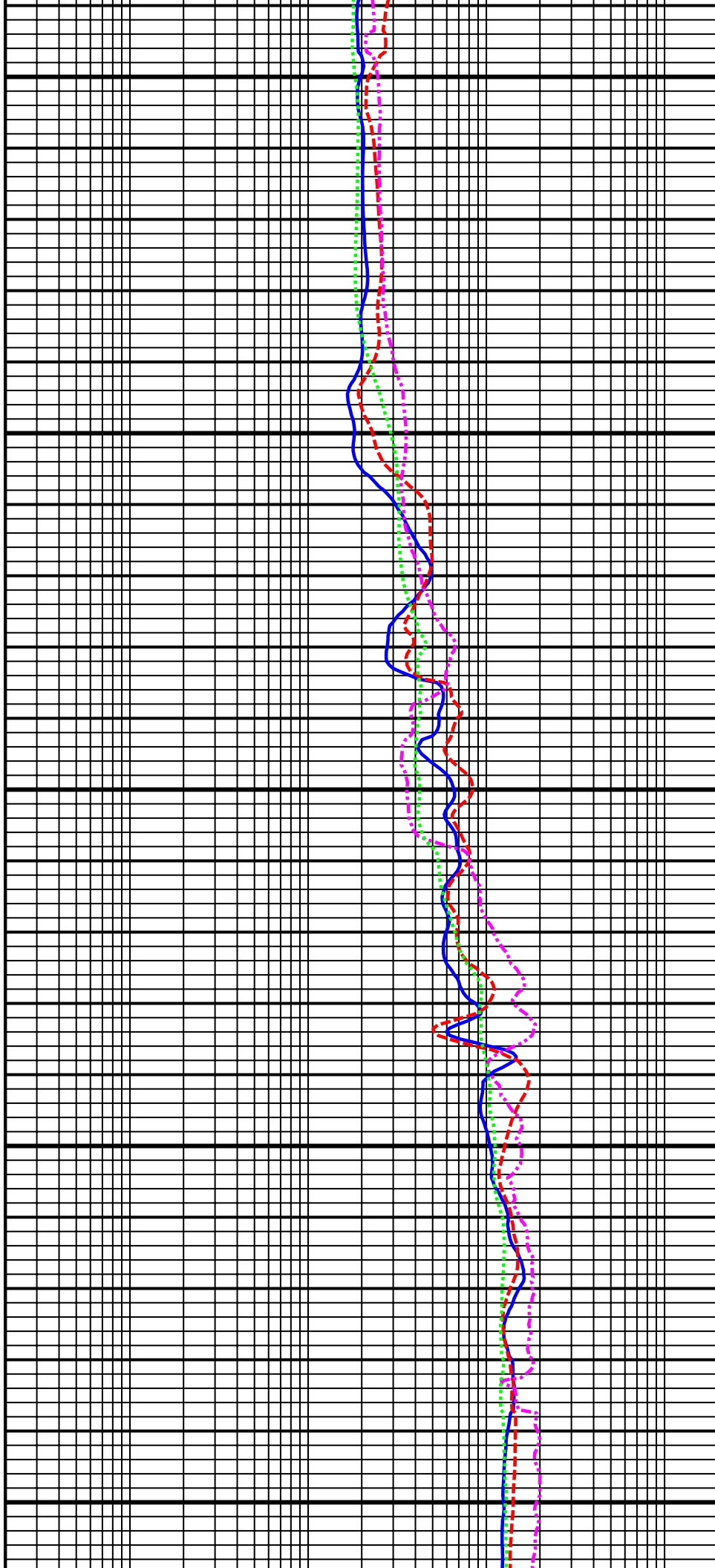
8900
MD

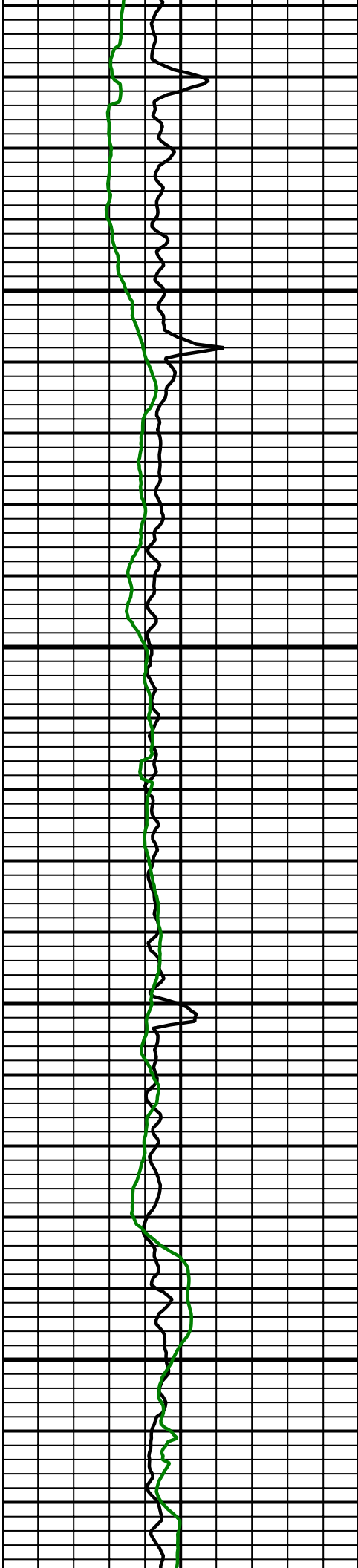




9000
MD

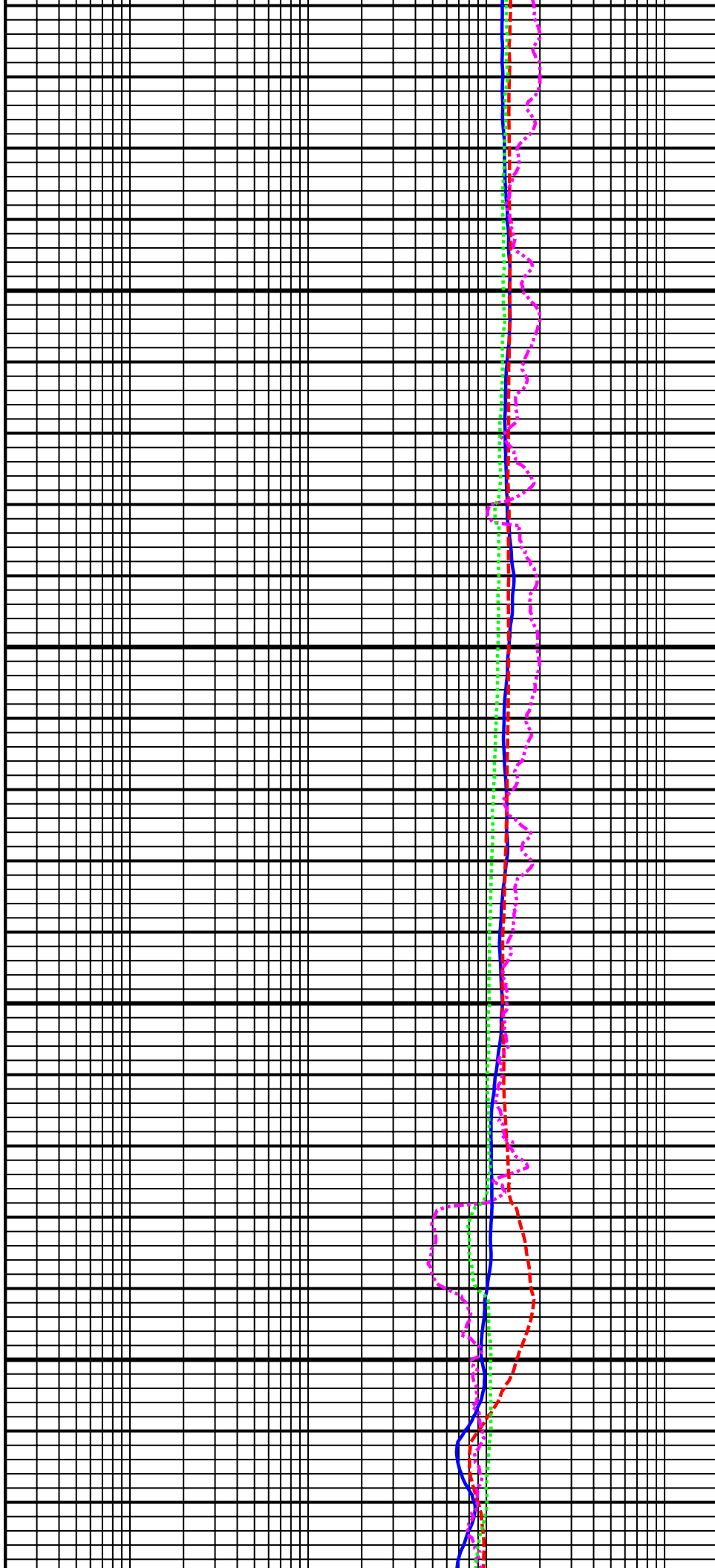
9100
MD

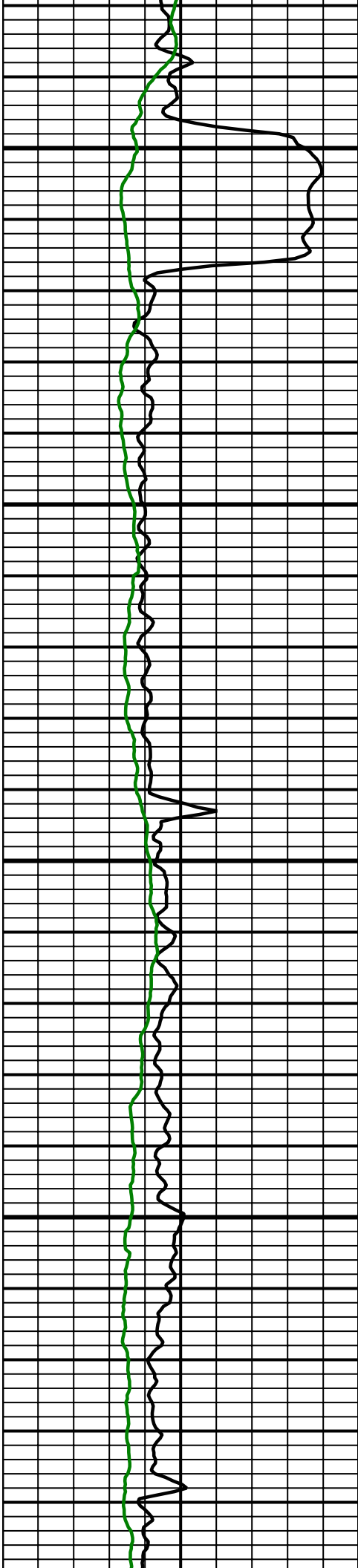




9200
MD

9300
MD

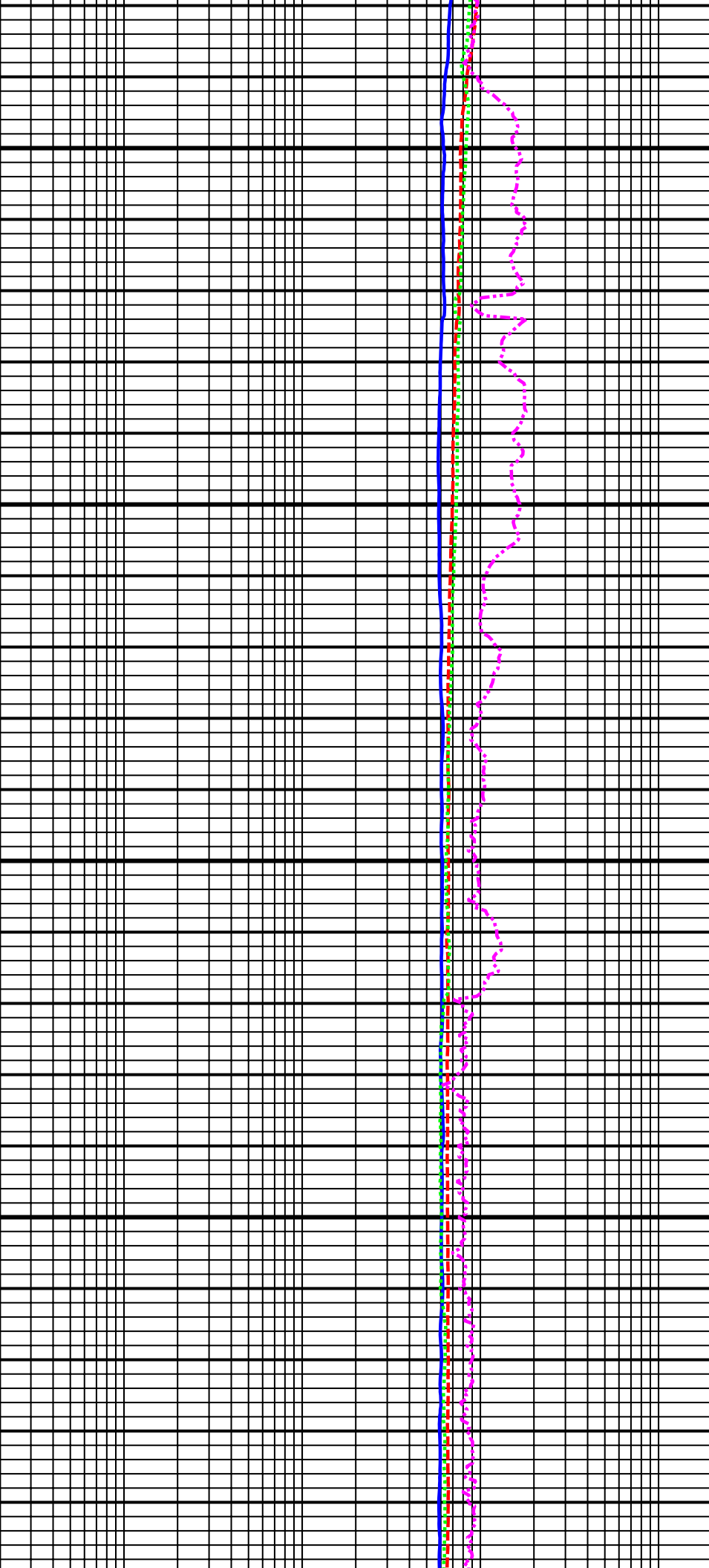


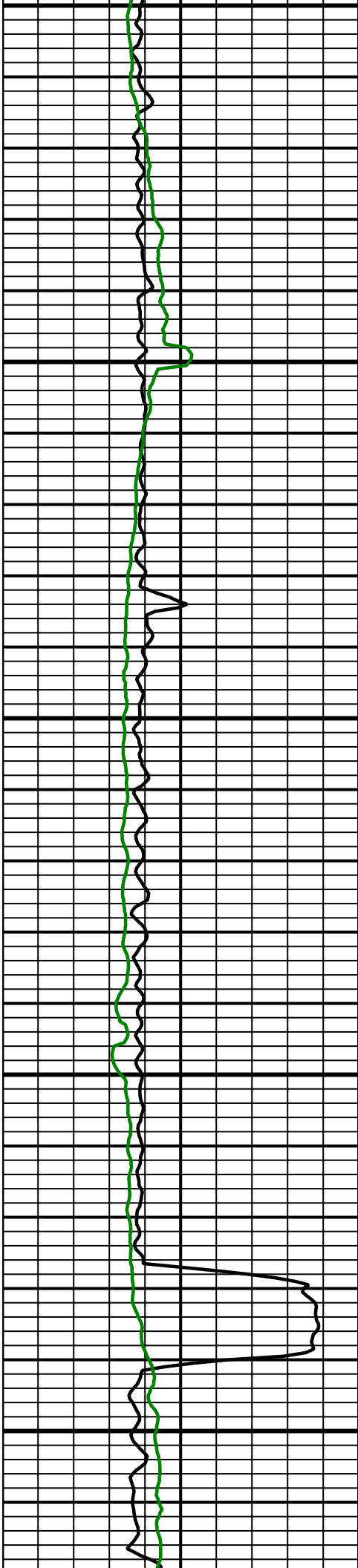


9400
MD

9500
MD

9600
MD

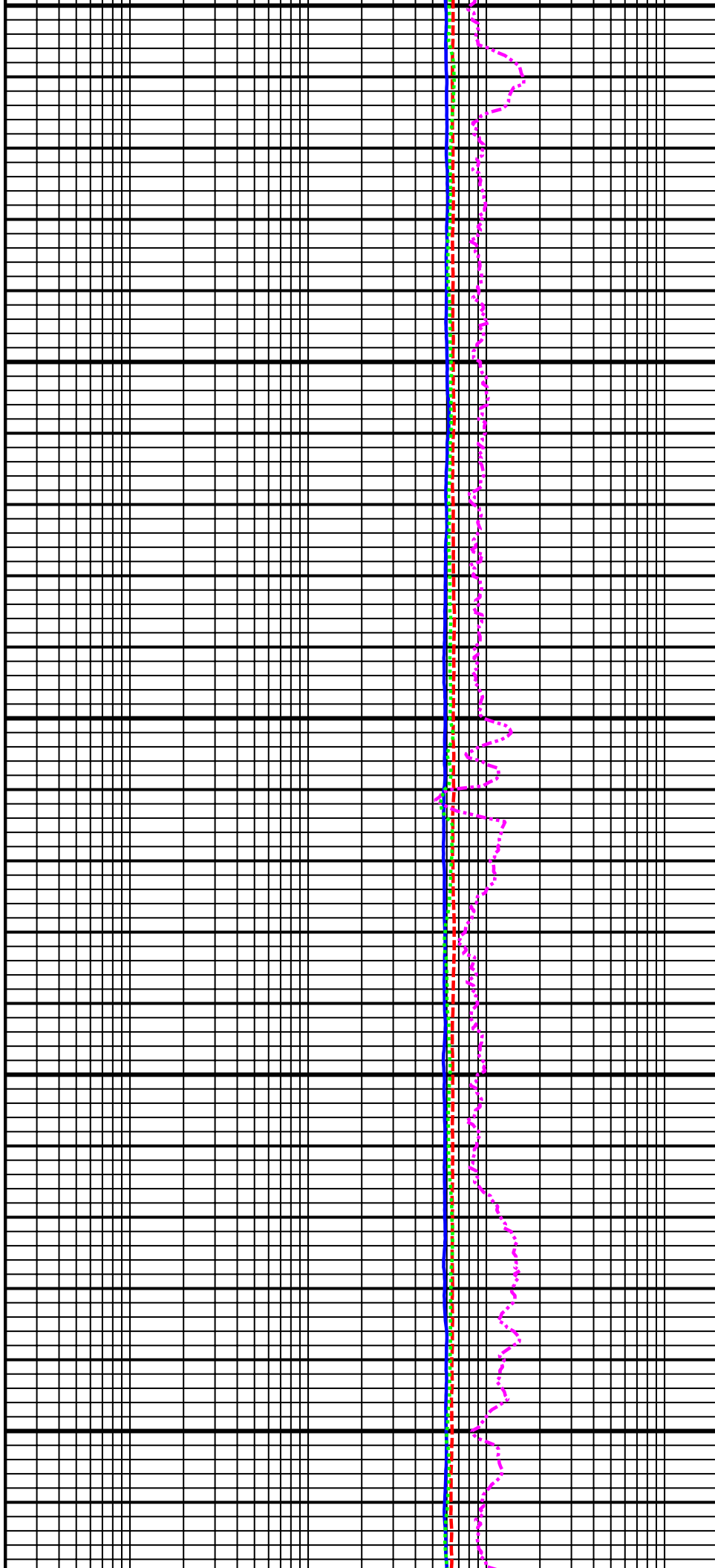


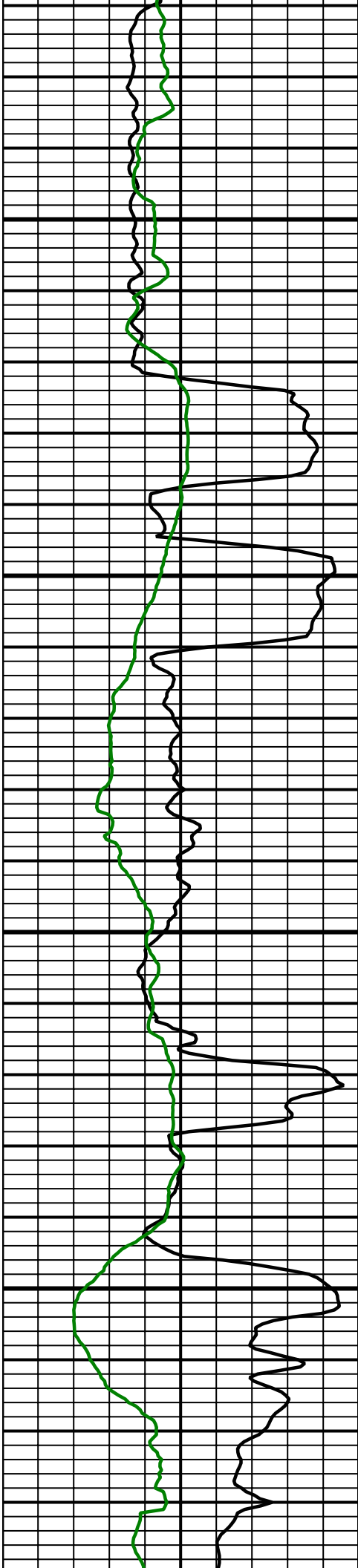


9600
MD

9700
MD

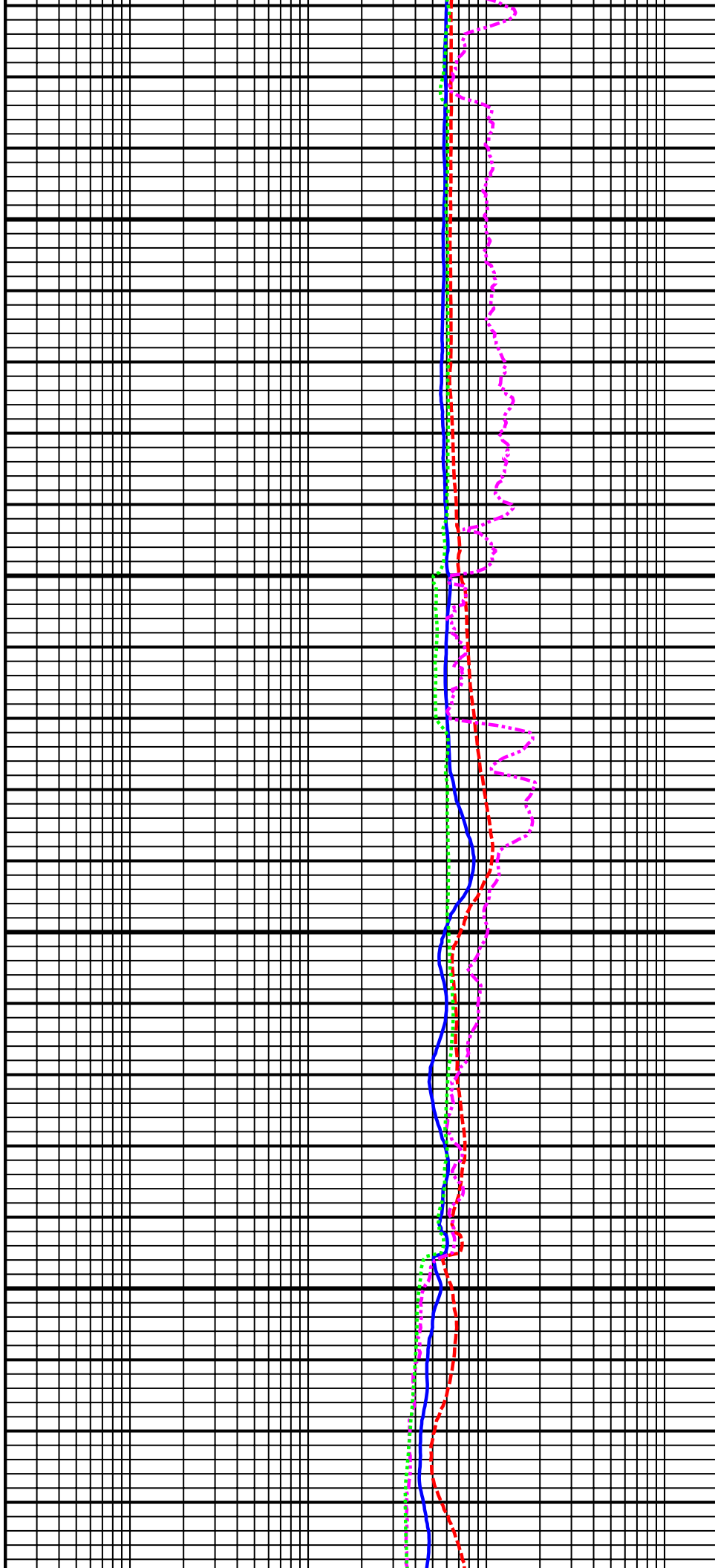
9800
MD

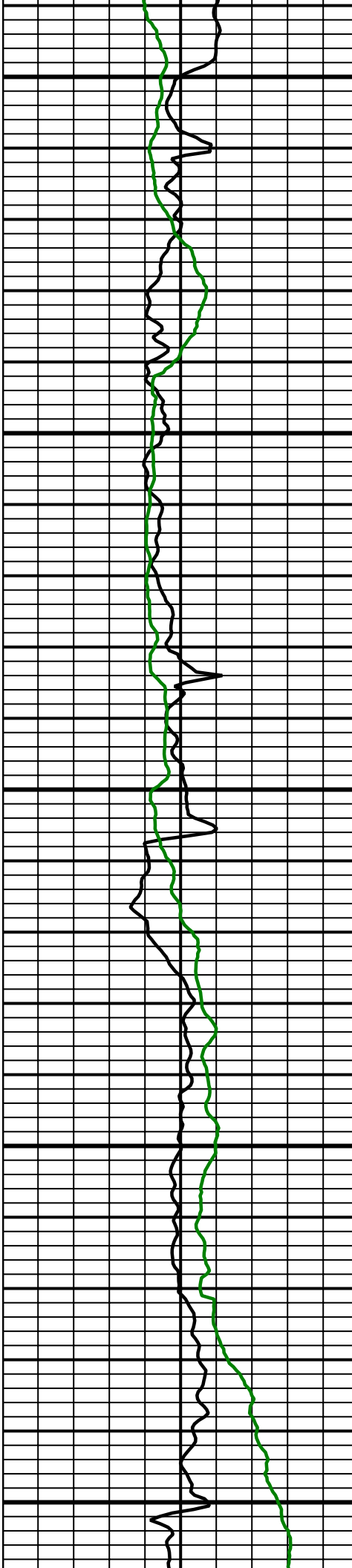




9900
MD

10000
MD

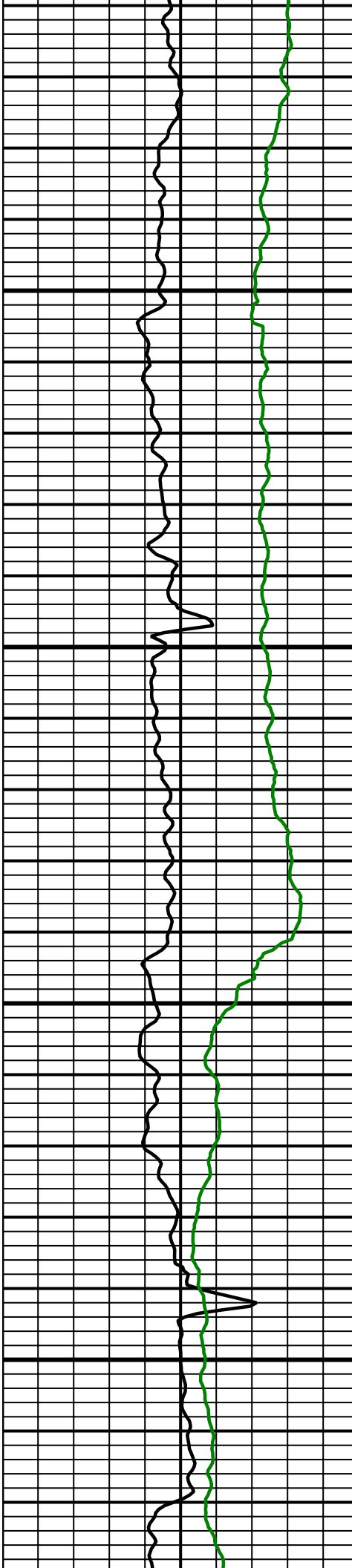




10100
MD

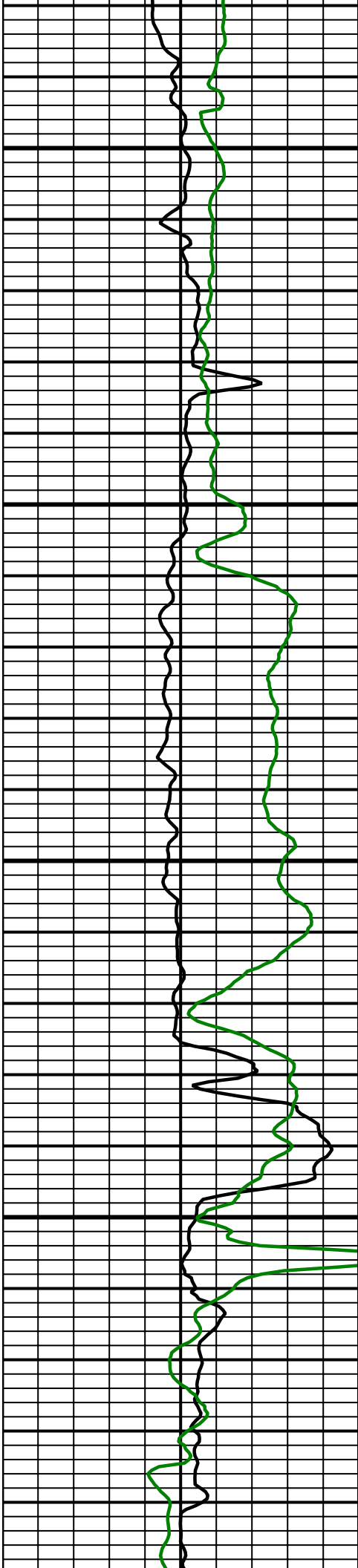
10200
MD





10300
MD

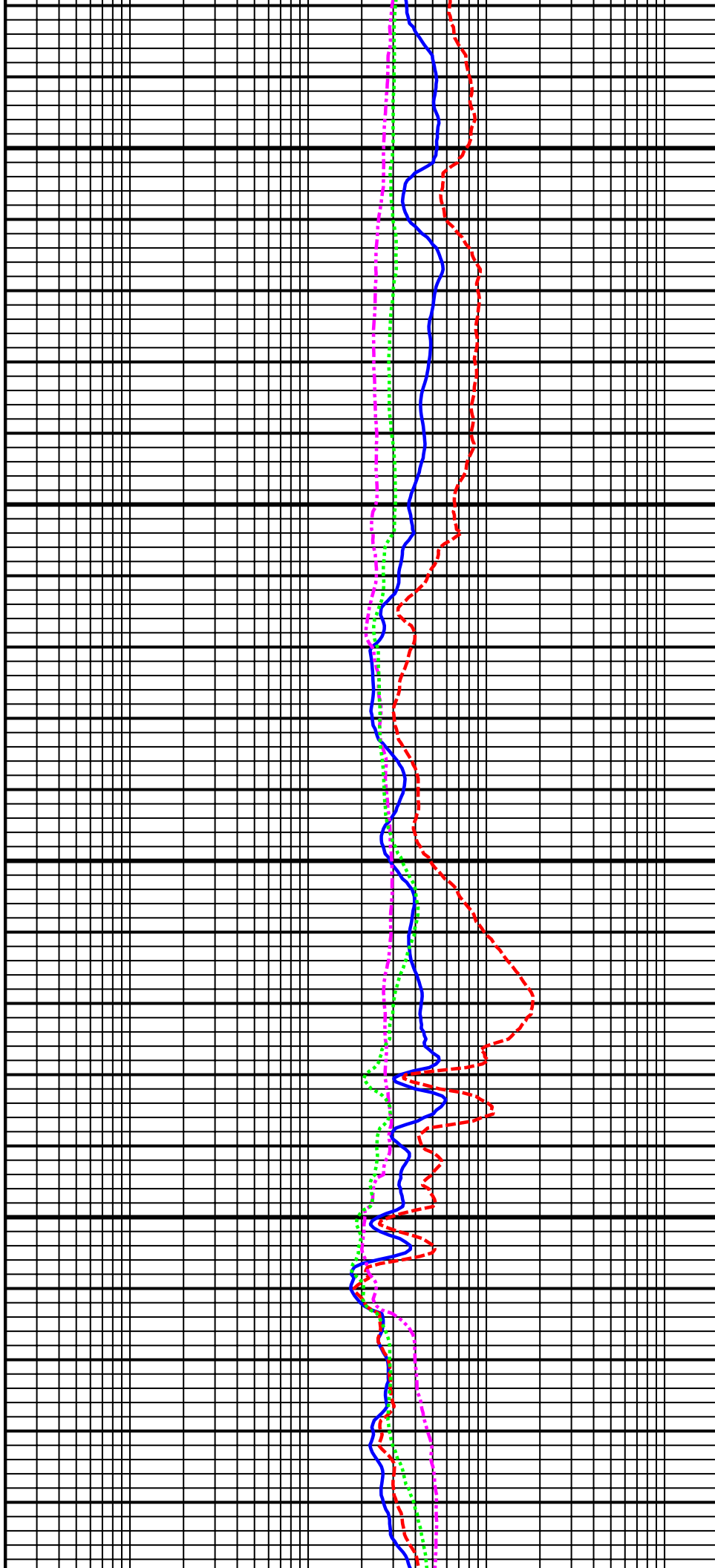
10400
MD

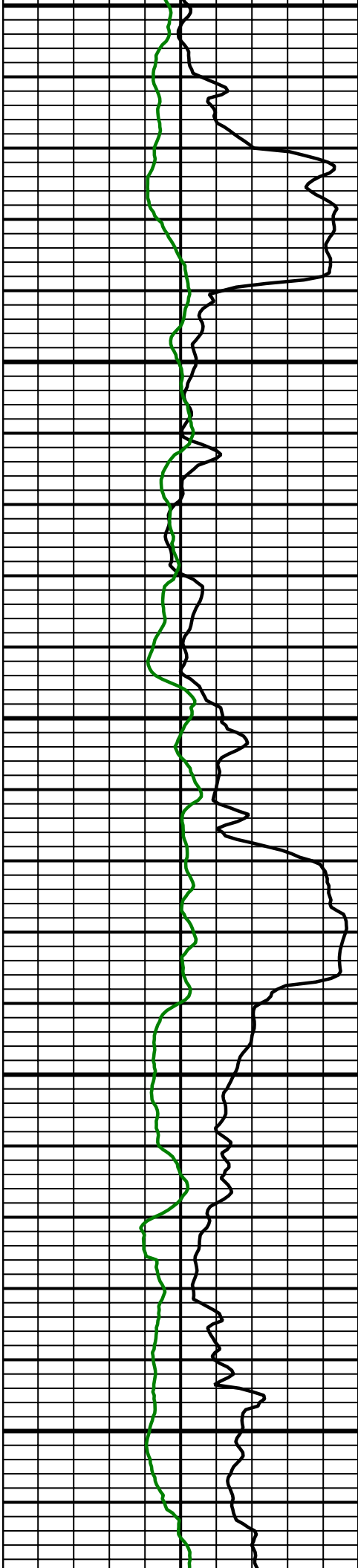


10500
MD

10600
MD

10700

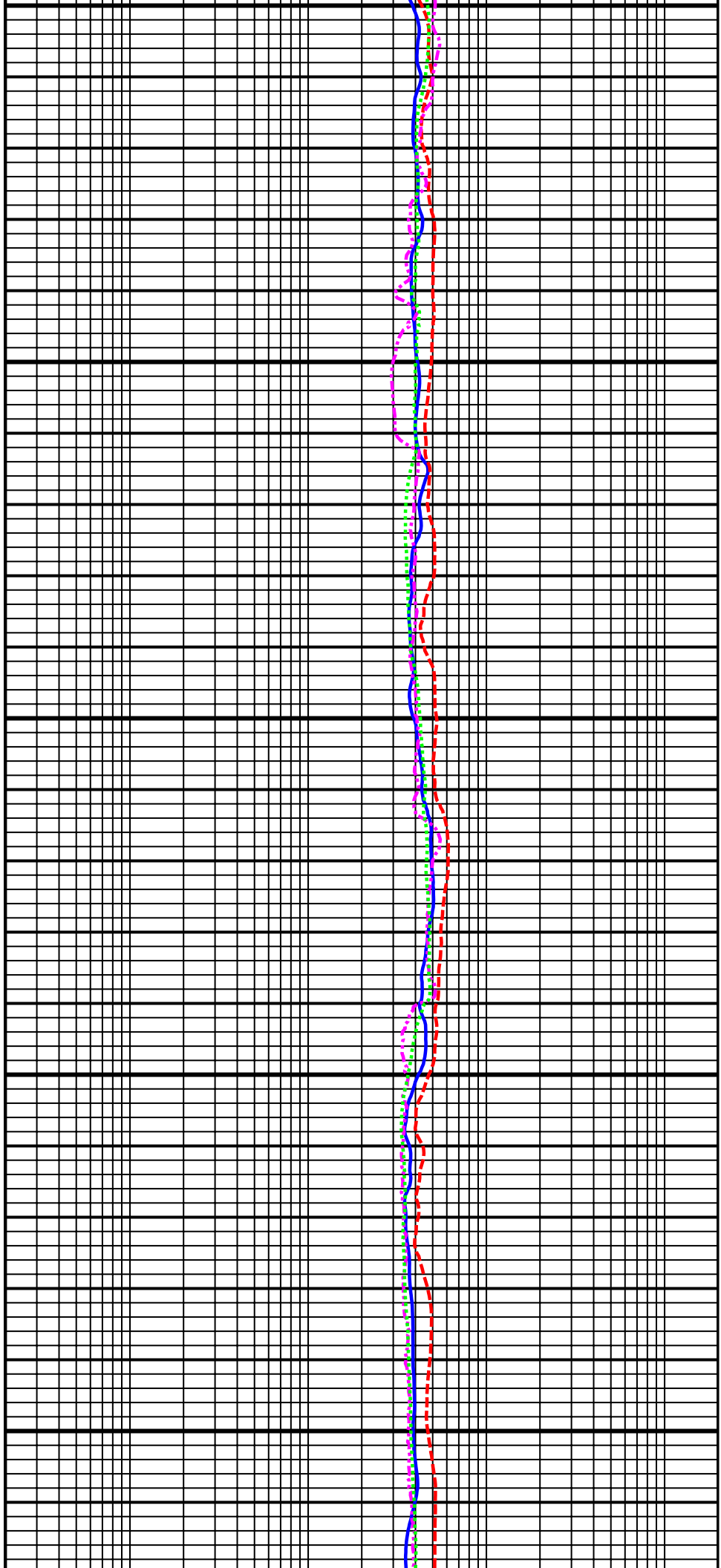


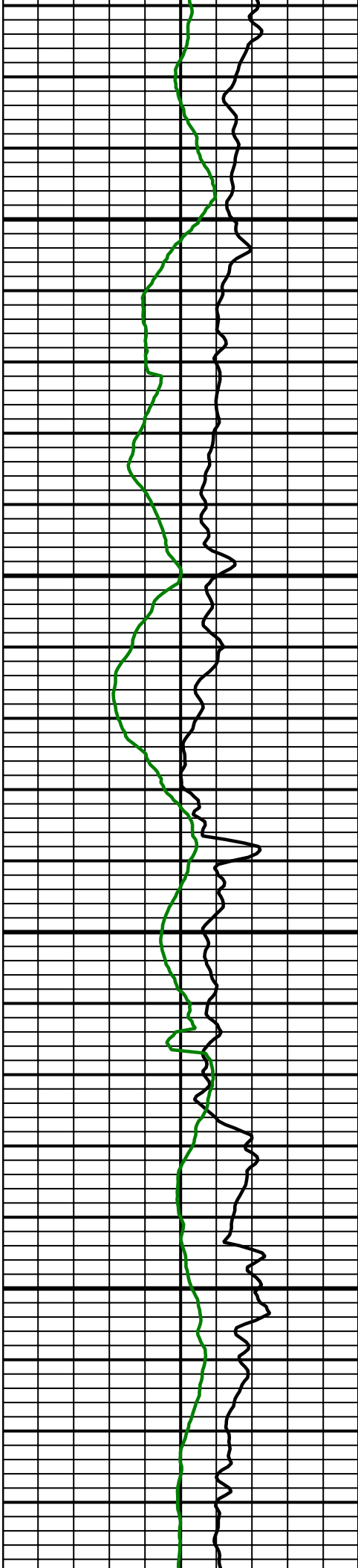


10700
MD

10800
MD

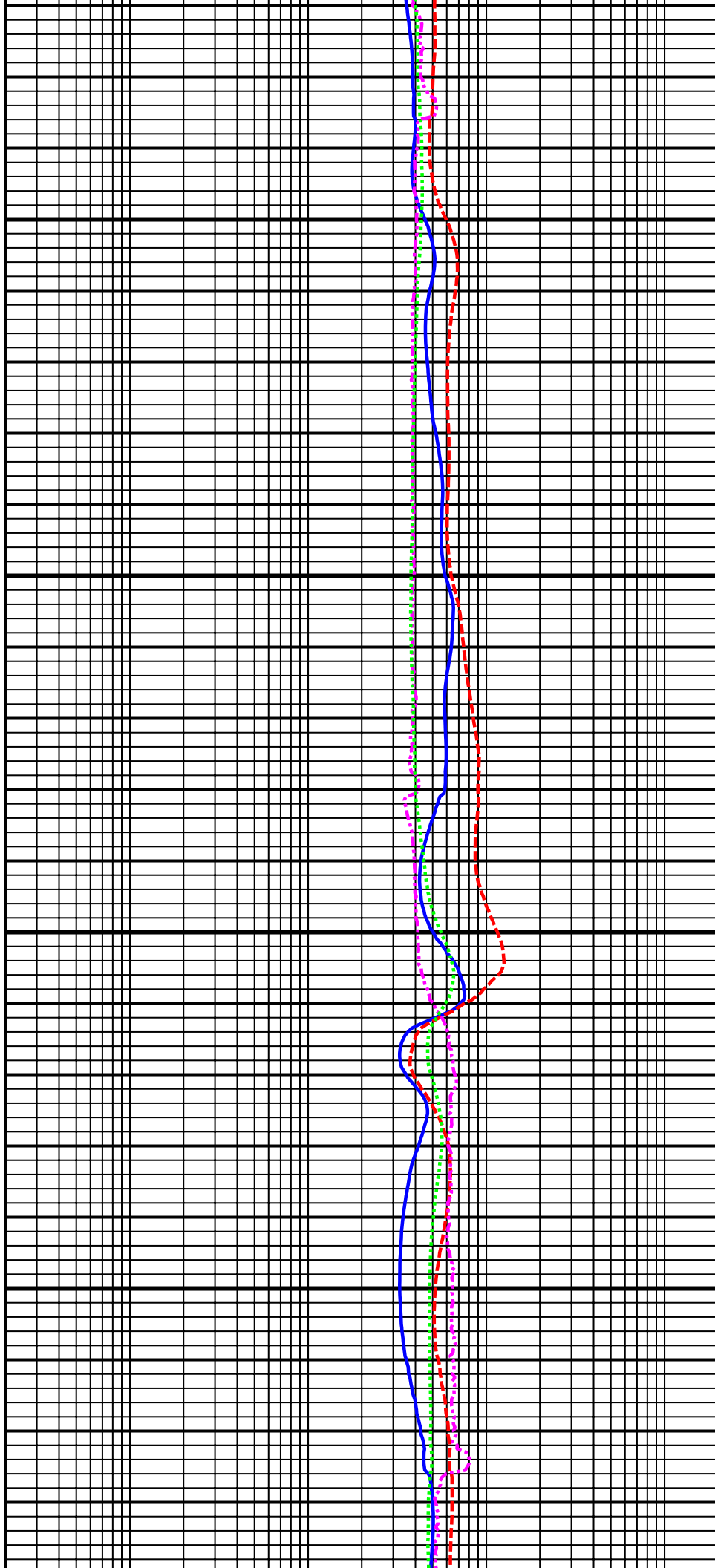
10900
MD

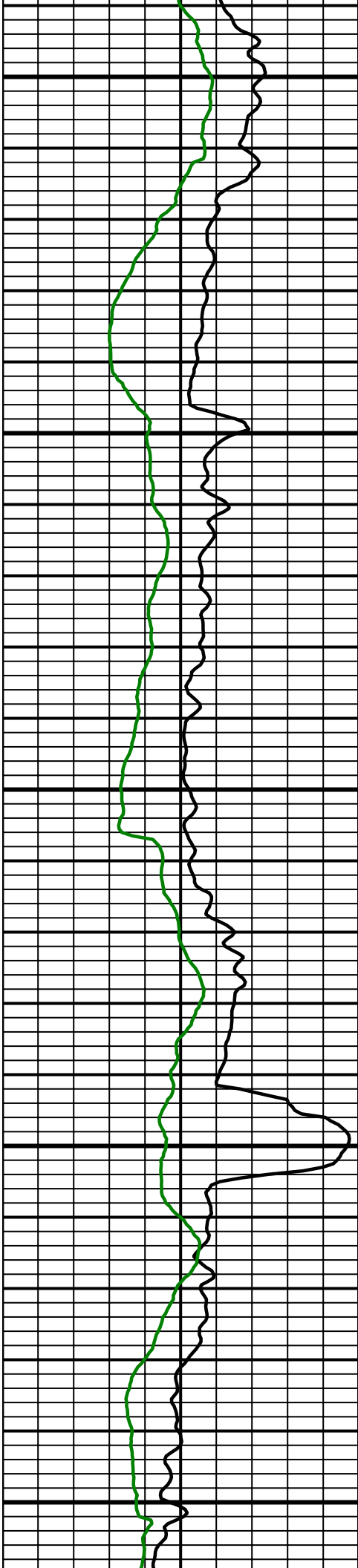




11000
MD

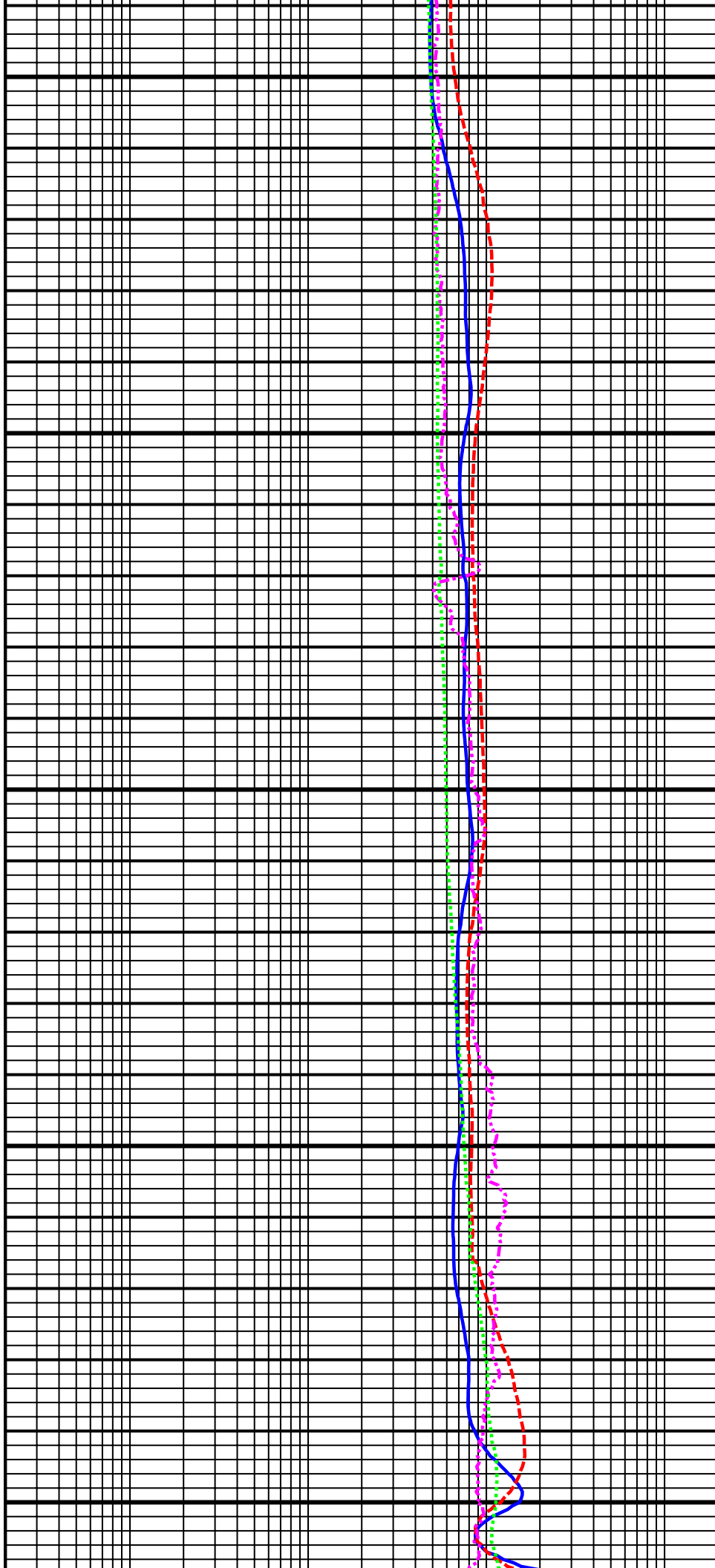
11100
MD

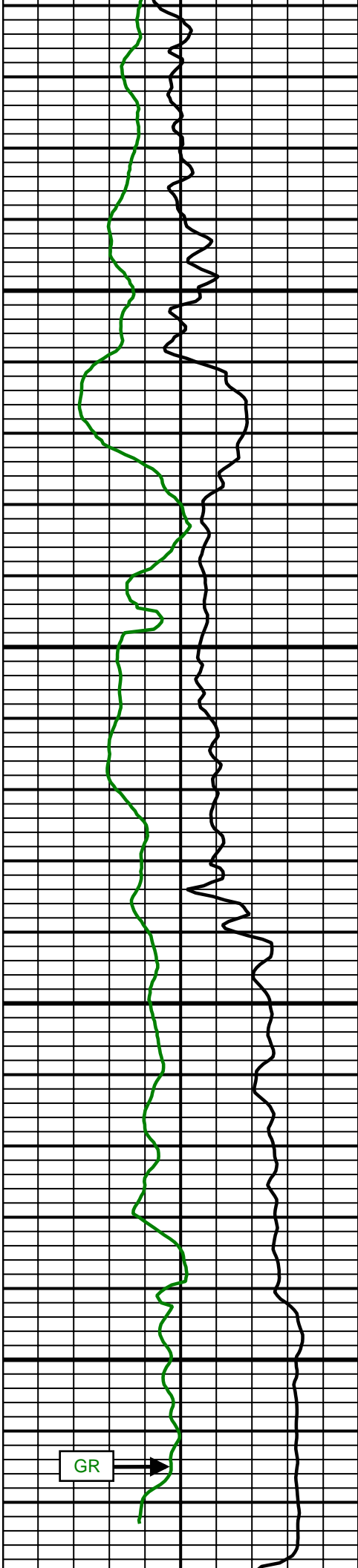




11200
MD

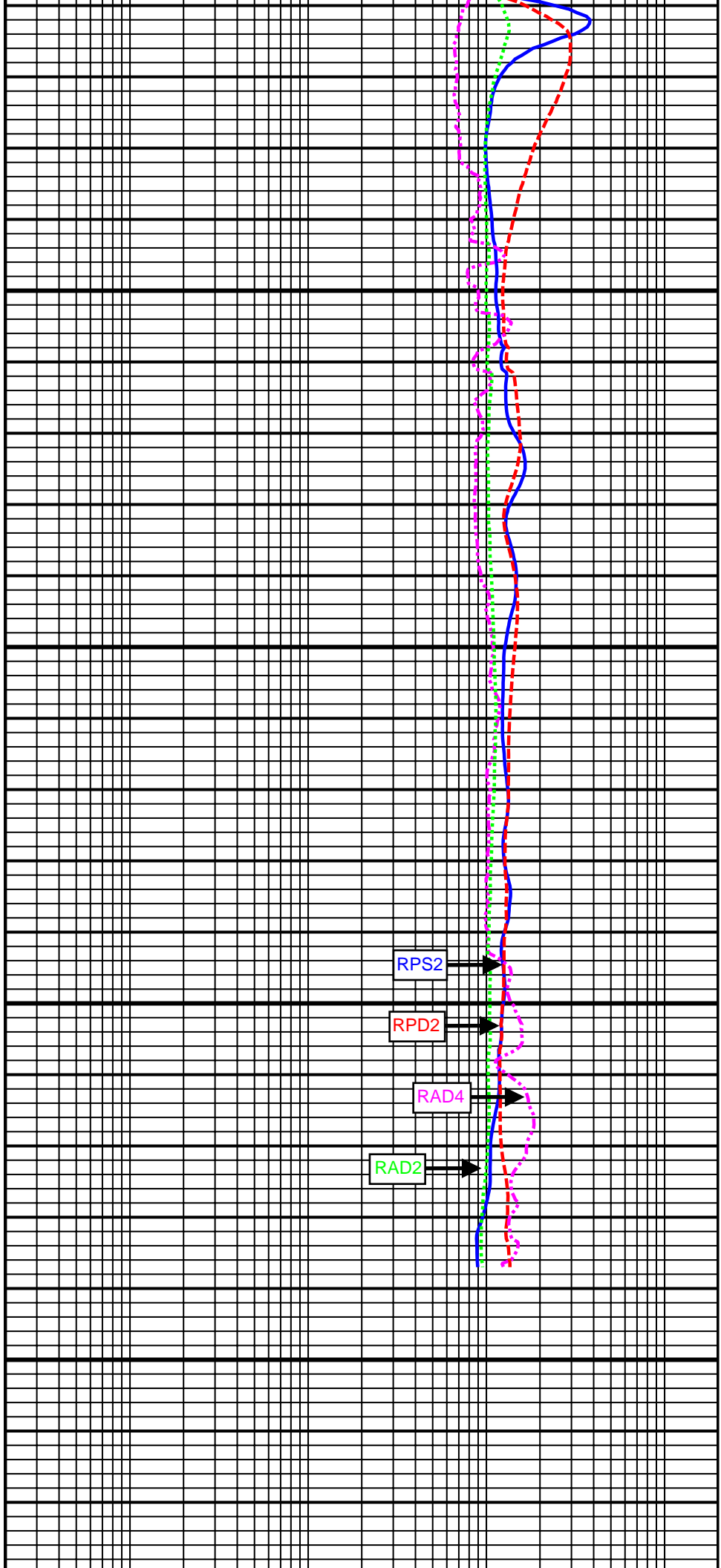
11300
MD

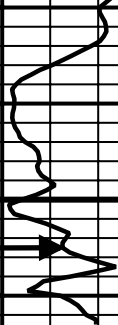




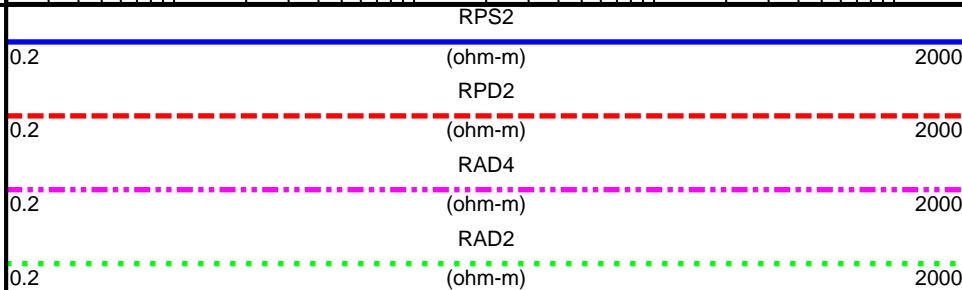
11400
MD

11500
MD





Comment
3-2



SURVEY						
Survey Calculation Method: Minimum Curvature						
Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	174.34 deg	52831 nT	67.02 deg	8.65 deg	0.00 deg	8.65 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	725.00 ft	0.30 deg	243.97 deg	724.99 ft	0.47 ft	-1.42 ft

Well Head							
Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	NS (ft)	EW (ft)	VSect (ft)	Dogleg (deg/100ft)
858.00	0.25	141.49	857.99	0.09	-1.55	-0.24	0.32
949.00	0.22	136.83	948.99	-0.19	-1.31	0.06	0.04
1040.00	0.29	167.18	1039.99	-0.54	-1.14	0.43	0.16
1131.00	0.14	154.26	1130.99	-0.87	-1.04	0.76	0.17
1223.00	0.29	180.85	1222.99	-1.20	-0.99	1.10	0.19
1316.00	0.49	199.17	1315.98	-1.81	-1.13	1.69	0.25
1407.00	0.55	210.55	1406.98	-2.56	-1.48	2.40	0.13
1502.00	0.66	223.70	1501.97	-3.35	-2.09	3.12	0.19
1596.00	0.79	236.62	1595.97	-4.09	-3.00	3.78	0.22
1691.00	0.56	274.17	1690.96	-4.42	-4.01	4.00	0.51
1786.00	0.58	272.01	1785.96	-4.37	-4.96	3.86	0.03
1881.00	0.78	259.21	1880.95	-4.47	-6.07	3.85	0.26
1976.00	0.84	265.45	1975.94	-4.65	-7.40	3.90	0.11
2072.00	0.84	298.98	2071.93	-4.37	-8.72	3.48	0.50
2167.00	0.95	293.94	2166.92	-3.71	-10.05	2.70	0.14
2262.00	1.07	273.92	2261.90	-3.33	-11.65	2.16	0.39
2357.00	0.56	299.84	2356.89	-3.04	-12.94	1.75	0.65
2452.00	0.82	287.29	2451.89	-2.60	-13.99	1.21	0.31
2547.00	0.56	107.06	2546.88	-2.54	-14.20	1.13	1.45
2642.00	2.67	90.96	2641.84	-2.71	-11.54	1.56	2.25
2737.00	3.97	77.53	2736.68	-2.04	-6.12	1.42	1.59
2831.00	4.92	63.03	2830.40	0.49	0.65	-0.43	1.56
2926.00	6.45	65.90	2924.93	4.52	9.16	-3.59	1.64
3021.00	7.73	65.64	3019.20	9.33	19.85	-7.33	1.35
3116.00	9.22	67.52	3113.16	14.88	32.70	-11.58	1.60
3211.00	9.56	61.03	3206.89	21.61	46.64	-16.91	1.17
3306.00	7.81	61.39	3300.80	28.52	59.20	-22.54	1.84
3401.00	8.83	60.71	3394.80	35.18	71.23	-27.98	1.08
3495.00	9.73	67.52	3487.57	41.75	84.86	-33.18	1.51
3590.00	7.73	66.02	3581.46	47.42	98.12	-37.51	2.12
3685.00	8.24	76.92	3675.55	51.55	110.59	-40.39	1.68
3780.00	8.29	70.24	3769.56	55.41	123.67	-42.94	1.01
3874.00	9.16	66.27	3862.48	60.71	136.89	-46.91	1.13
3969.00	10.25	66.60	3956.12	67.11	151.57	-51.83	1.15
4064.00	9.20	66.63	4049.75	73.48	166.30	-56.72	1.11
4159.00	8.89	68.12	4143.57	79.23	180.09	-61.08	0.41
4253.00	9.53	74.61	4236.36	84.00	194.33	-64.43	1.30
4348.00	7.58	70.86	4330.30	88.14	207.83	-67.22	2.13
4442.00	8.59	73.49	4423.36	92.17	220.42	-69.98	1.14
4537.00	9.54	73.66	4517.17	96.40	234.78	-72.78	1.00
4632.00	8.97	74.72	4610.94	100.57	249.48	-75.47	0.63
4727.00	8.47	73.83	4704.84	104.47	263.34	-77.99	0.55

4822.00	8.06	67.00	4798.85	109.02	276.19	-81.25	1.12
4918.00	7.32	69.13	4893.99	113.83	288.10	-84.86	0.83
5012.00	7.29	63.09	4987.23	118.66	299.01	-88.59	0.82
5107.00	8.51	65.88	5081.33	124.26	310.80	-93.00	1.35
5201.00	8.64	60.52	5174.28	130.58	323.30	-98.06	0.86
5296.00	7.86	55.16	5268.29	137.80	334.84	-104.10	1.15
5391.00	8.68	59.85	5362.31	145.11	346.37	-110.24	1.12
5486.00	9.49	59.90	5456.11	152.64	359.35	-116.46	0.85
5580.00	7.58	58.82	5549.07	159.74	371.36	-122.33	2.04
5675.00	7.99	60.75	5643.19	166.21	382.48	-127.67	0.51
5771.00	6.65	55.57	5738.41	172.61	392.89	-133.02	1.55
5865.00	5.27	50.78	5831.90	178.42	400.72	-138.03	1.56
5960.00	4.40	55.83	5926.56	183.22	407.11	-142.18	1.02
6054.00	3.61	59.37	6020.33	186.76	412.64	-145.15	0.88
6149.00	3.12	60.45	6115.17	189.55	417.47	-147.46	0.52
6244.00	1.98	73.73	6210.07	191.29	421.29	-148.81	1.34
6338.00	0.75	112.31	6304.05	191.51	423.42	-148.82	1.56
6433.00	0.60	111.02	6399.04	191.10	424.46	-148.30	0.16
6528.00	0.77	100.21	6494.03	190.81	425.55	-147.90	0.22
6542.00	0.82	105.66	6508.03	190.76	425.74	-147.84	0.65
6623.00	4.43	157.75	6588.94	187.71	427.48	-144.63	4.91
6654.00	8.79	162.63	6619.72	184.34	428.65	-141.16	14.17
6686.00	12.91	166.81	6651.15	178.52	430.19	-135.22	13.10
6718.00	15.60	169.78	6682.16	170.81	431.77	-127.39	8.71
6749.00	15.87	169.76	6712.00	162.53	433.26	-119.01	0.87
6780.00	16.94	171.44	6741.73	153.89	434.69	-110.27	3.78
6812.00	20.02	173.93	6772.08	143.84	435.96	-100.14	9.93
6845.00	23.22	175.98	6802.76	131.73	437.02	-87.98	9.96
6876.00	25.68	178.24	6830.97	118.91	437.65	-75.17	8.49
6908.00	27.73	179.72	6859.56	104.54	437.90	-60.84	6.73
6940.00	30.63	179.31	6887.50	88.94	438.04	-45.30	9.08
6971.00	34.01	180.28	6913.69	72.37	438.09	-28.81	11.03
7003.00	36.83	181.87	6939.77	53.83	437.73	-10.39	9.27
7035.00	39.24	182.05	6964.97	34.12	437.06	9.15	7.54
7066.00	41.46	183.44	6988.59	14.08	436.09	29.00	7.73
7098.00	43.24	184.59	7012.24	-7.42	434.58	50.25	6.07
7130.00	45.83	184.26	7035.05	-29.80	432.85	72.34	8.13
7161.00	49.45	183.66	7055.93	-52.65	431.27	94.92	11.76
7192.00	53.36	182.86	7075.27	-76.83	429.90	118.86	12.77
7224.00	57.12	181.36	7093.51	-103.10	428.94	144.90	12.36
7256.00	60.26	182.03	7110.14	-130.42	428.12	172.01	9.97
7287.00	63.07	181.69	7124.85	-157.69	427.24	199.06	9.12
7319.00	64.97	181.07	7138.87	-186.45	426.55	227.61	6.19
7350.00	66.33	180.53	7151.65	-214.69	426.15	255.67	4.67
7382.00	68.52	180.00	7163.93	-244.23	426.02	285.06	7.01
7414.00	70.10	179.50	7175.24	-274.17	426.15	314.86	5.15
7445.00	72.24	179.30	7185.24	-303.50	426.46	344.08	6.93
7477.00	76.02	179.21	7193.99	-334.28	426.86	374.75	11.82
7508.00	79.67	178.76	7200.52	-364.57	427.40	404.95	11.86
7540.00	80.31	178.01	7206.08	-396.07	428.28	436.38	3.05
7572.00	83.42	178.03	7210.61	-427.73	429.38	467.99	9.72
7604.00	87.20	177.69	7213.22	-459.59	430.57	499.82	11.86
7610.00	87.62	177.82	7213.49	-465.58	430.80	505.80	7.33
7729.00	88.77	178.07	7217.24	-584.44	435.07	624.50	0.99
7824.00	89.94	179.35	7218.31	-679.41	437.21	719.22	1.83
7919.00	91.15	180.89	7217.41	-774.40	437.01	813.72	2.06
8014.00	91.67	182.49	7215.07	-869.33	434.21	907.91	1.77
8109.00	90.99	182.98	7212.87	-964.19	429.68	1001.87	0.88
8204.00	91.11	184.37	7211.12	-1058.98	423.59	1095.59	1.47
8298.00	90.93	183.63	7209.45	-1152.73	417.03	1188.24	0.81
8393.00	90.12	185.39	7208.58	-1247.43	409.56	1281.74	2.04

8487.00	90.19	184.82	7208.33	-1341.06	401.20	1374.09	0.61
8582.00	89.81	184.68	7208.33	-1435.73	393.33	1467.52	0.43
8677.00	89.32	183.98	7209.05	-1530.46	386.16	1561.08	0.90
8772.00	89.94	183.24	7209.66	-1625.26	380.18	1654.84	1.02
8867.00	90.31	181.88	7209.45	-1720.17	375.94	1748.86	1.48
8961.00	90.19	179.60	7209.04	-1814.15	374.72	1842.26	2.43
9057.00	89.51	179.51	7209.30	-1910.15	375.47	1937.87	0.71
9151.00	89.88	177.69	7209.80	-2004.11	377.76	2031.60	1.98
9246.00	89.69	177.15	7210.15	-2099.02	382.04	2126.46	0.60
9340.00	89.01	177.27	7211.22	-2192.90	386.61	2220.34	0.73
9436.00	90.37	177.48	7211.74	-2288.79	391.01	2316.20	1.43
9530.00	91.36	178.44	7210.32	-2382.72	394.36	2410.00	1.47
9625.00	91.48	178.66	7207.96	-2477.66	396.76	2504.71	0.26
9720.00	91.73	179.39	7205.30	-2572.61	398.38	2599.36	0.81
9814.00	92.04	179.53	7202.21	-2666.56	399.26	2692.93	0.36
9910.00	90.74	178.78	7199.88	-2762.51	400.68	2788.56	1.56
10004.00	89.88	178.31	7199.37	-2856.48	403.06	2882.31	1.04
10099.00	89.32	177.76	7200.04	-2951.42	406.32	2977.11	0.83
10194.00	89.01	177.95	7201.42	-3046.35	409.88	3071.92	0.38
10288.00	88.83	177.44	7203.19	-3140.25	413.66	3165.74	0.58
10383.00	89.14	177.74	7204.88	-3235.15	417.65	3260.57	0.45
10478.00	89.07	177.46	7206.36	-3330.06	421.63	3355.41	0.30
10572.00	89.32	177.06	7207.68	-3423.94	426.12	3449.28	0.50
10667.00	88.27	178.46	7209.68	-3518.84	429.83	3544.08	1.84
10762.00	89.51	178.13	7211.52	-3613.78	432.66	3638.84	1.35
10857.00	90.31	179.17	7211.67	-3708.75	434.90	3733.56	1.38
10952.00	90.68	178.61	7210.85	-3803.73	436.74	3828.26	0.71
11047.00	90.49	178.83	7209.88	-3898.70	438.86	3922.98	0.31
11142.00	90.37	178.31	7209.17	-3993.67	441.23	4017.72	0.56
11237.00	89.88	177.95	7208.96	-4088.62	444.33	4112.51	0.64
11332.00	89.74	178.42	7209.27	-4183.57	447.34	4207.29	0.52
11426.00	88.89	178.31	7210.40	-4277.53	450.02	4301.05	0.91
11521.00	88.40	178.28	7212.64	-4372.46	452.85	4395.80	0.52
11556.00	88.09	178.15	7213.71	-4407.42	453.94	4430.70	0.96
11611.00	88.09	178.15	7215.55	-4462.36	455.71	4485.55	0.00

Weatherford M/LWD surveys from 858.00 ft MD to 11556.00 ft MD

TD at 11611.00 ft MD.

The total correction is 8.65 deg relative to True North.



Weatherford®

Final Print

COMPANY	<u>Anadarko</u>		
WELL	<u>Sarchet 15N-32HZ</u>		
FIELD	<u>Wattenberg</u>		
RIG	<u>H & P 307</u>		
LOC.	<u>Colorado</u>	COUNTY	<u>Weld</u>