



Weatherford®

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

Company: Anadarko Petroleum Corp.
Well: D&C Farms 34N-33HZ
Field: Wattenberg
Rig: Xtreme 23
County: Weld

Location

Latitude: 40.016205° N x = -3,168,144.5 ft Mag Decl: 8.64°
Longitude: -104.899666° W y = 1,249,319.1 ft Mag Dip: 66.63°

Other Services: Directional and Temperature

COMPANY Anadarko Petroleum Corp.
WELL D&C Farms 34N-33HZ
FIELD Wattenberg
RIG Xtreme 23
COUNTY Weld STATE Colorado
API # 05-123-37891

Permanent Datum: Mean Sea Level

Log Measured From: Drill Floor Elev: 5023.0 ft above perm. datum

Depth Reference: Drillers Tally Total Depth: 12705 ft

Depth Logged: 7081 ft to 12705 ft Runs: 6

Date Logged: 24-Sep-13 to 30-Sep-13 Spud Date: 13-Sep-13

Elevation
K.B. Top Drive
G.L. 5007.0 ft
D.F. 5023.0 ft
W.D. Land

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
12.250 in.	0 ft	1030 ft	9.625 in.	52.0 lb/ft	Surface	1022 ft
8.750 in.	1030 ft	8010 ft	7.000 in.	26.0 lb/ft	Surface	8001 ft

Borehole Deviation Record

Mud Record

Hole Size	Min. Inc.	Max. Inc.	Type	Weight	From	To
12.250 in.	0.00°	0.50°	WBM	8.50 - 10.10 ppq	1030 ft	8010 ft
8.750 in.	0.30°	83.76°				
6.125 in.	87.71	92.84°				

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.

EQUIPMENT SUMMARY						
M/LWD Run Number	1	2	3	4	5	
BTR / CDS Serial Number	454 / 1165	454 / 1165	454 / 1165	454 / 1165	na	
Battery Serial Number	403715893	403715893	403715893	403715893	na	
Gamma Ray Serial Number	51260	51260	51260	51260	na	
CMS Serial Number	51376	51376	51376	51376	na	
Pulser Serial Number	45600	45600	45600	45600	na	
HEL Serial Number	na	na	na	na	NW132308PDSSKQI4.75	
Sensor to Bit Offsets / Acquisition Rates						
Directional	ft / sec	63.60 / RT	63.58 / RT	63.58 / RT	63.58 / RT	50.53 / RT
Gamma Ray	ft / sec	na	49.37 / 16	49.37 / 16	49.37 / 16	57.34 / 5
Other Information						
Total BHA Length	ft	117.82	117.80	117.80	117.80	7219.68
BHA Assembly Type		Steerable	Steerable	Steerable	Steerable	Steerable
Stabilizer Location	ft	na	na	na	na	30.27
Run Circulating Time	hr	29.14	4.55	16.64	5.99	19.33
Run Drilling Time	hr	18.03	2.25	12.86	2.76	11.05
M/LWD Run Number	6					
HEL Serial Number	NW132310PDSSKQI4.75					
Sensor to Bit Offsets / Acquisition Rates						
Gamma Ray	ft / sec	50.53 / RT				
Directional	ft / sec	57.34 / 5				
Other Information						
Total BHA Length	ft	7219.68				
BHA Assembly Type		Steerable				
Stabilizer Location	ft	30.27				
Run Circulating Time	hr	21.54				
Run Drilling Time	hr	10.80				

MUD SUMMARY

Date and Time	Run	Bit Depth	Mud Weight	% K	Rm @ Temp	Rmf @ Temp	Rmc @ Temp	BHCT
23 Sep 13 @ 20:00	01	7130 ft	8.50 ppg	0	na	na	na	150 F
24 Sep 13 @ 20:00	02	7471 ft	9.80 ppg	0	na	na	na	146 F
25 Sep 13 @ 20:00	03	7857 ft	10.00 ppg	0	na	na	na	163 F
26 Sep 13 @ 08:00	04	8010 ft	10.10 ppg	0	na	na	na	153 F
29 Sep 13 @ 20:00	05	10489 ft	8.70 ppg	0	na	na	na	205 F
30 Sep 13 @ 08:00	06	12705 ft	8.70 ppg	0	na	na	na	217 F

M/LWD RUN REMARKS			
Run Number: 2 :: RECORDED DATA LOG			
WFT Services Provided:			
Recorded and Real Time Logging: Gamma Ray and Temperature.			
Directional Services: On demand Inclination and Azimuth.			
Borehole and Environmental Correction:			
Hole Size:	8.750 in.	Gamma Ray: Hole size, mudweight, Collar O.D., Collar I.D. and K1 factor.	
Mud Weight:	9.80 ppg	Collar O.D.:	6.760 in.
K1 Factor:	3.147	Collar I.D.:	3.250 in.
Run Number: 3 :: RECORDED DATA LOG			
WFT Services Provided:			
Recorded and Real Time Logging: Gamma Ray and Temperature.			
Directional Services: On demand Inclination and Azimuth.			
Borehole and Environmental Correction:			
Hole Size:	8.750 in.	Gamma Ray: Hole size, mudweight, Collar O.D., Collar I.D. and K1 factor.	
Mud Weight:	10.00 ppg	Collar O.D.:	6.760 in.
K1 Factor:	3.147	Collar I.D.:	3.250 in.
Run Number: 4 :: RECORDED DATA LOG			
WFT Services Provided:			
Recorded and Real Time Logging: Gamma Ray and Temperature.			
Directional Services: On demand Inclination and Azimuth.			
Borehole and Environmental Correction:			
Hole Size:	8.750 in.	Gamma Ray: Hole size, mudweight, Collar O.D., Collar I.D. and K1 factor.	
Mud Weight:	10.10 ppg	Collar O.D.:	6.760 in.
K1 Factor:	3.147	Collar I.D.:	3.250 in.
Run Number: 5 :: RECORDED DATA LOG			
WFT Services Provided:			
Recorded and Real Time Logging: Gamma Ray 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:	8.70 ppg		
KCl Concentration:	0%		
Run Number: 6 :: RECORDED DATA LOG			
WFT Services Provided:			
Recorded and Real Time Logging: Gamma Ray 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:	8.70 ppg		
KCl Concentration:	0%		

M/LWD LOG COMMENTS

Comment No. 1-1

RECORDED DATA LOG

Start of M/LWD Drilling Run 02

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

Run 02 started formation drilling September 24, 2013 at 02:04 at 7130 MD / 6962 TVD. Weatherford International logged the 8.750 in. borehole.

The WBM at the start of drilling was 9.80 ppg.

Comment No. 1-2

End of M/LWD Drilling Run 02

Run 02 ended drilling formation September 24, 2013 at 05:09 at 7471 MD / 7289 TVD.

The WBM at the end of drilling was 9.80 ppg.

Comment No. 2-1

RECORDED DATA LOG

Start of M/LWD Drilling Run 03

Weatherford International provided 6 3/4 in. Directional, Gamma Ray, and Temperature for Run 03.

Run 03 started formation drilling September 24, 2013 at 17:59 at 7471 MD / 7289 TVD. Weatherford International logged the 8.750 in. borehole.

The WBM at the start of drilling was 9.80 ppg.

Comment No. 2-2

End of M/LWD Drilling Run 03

Run 03 ended drilling formation September 25, 2013 at 10:48 at 7857 MD / 7521 TVD.

The WBM at the end of drilling was 10.00 ppg.

Comment No. 3-1

RECORDED DATA LOG

Start of M/LWD Drilling Run 04

Weatherford International provided 6 3/4 in. Directional, Gamma Ray, and Temperature for Run 04.

Run 04 started formation drilling September 26, 2013 at 01:00 at 7857 MD / 7521 TVD. Weatherford International logged the 8.750 in. borehole.

The WBM at the start of drilling was 10.10 ppg.

Comment No. 3-2

End of M/LWD Drilling Run 04

Run 04 ended drilling formation September 26, 2013 at 05:13 at 8010 MD / 7521 TVD.

The WBM at the end of drilling was 10.10 ppg.

Comment No. 4-1

RECORDED DATA LOG

Start of M/LWD Drilling Run 05

Weatherford International provided 4 3/4 in. Directional, Gamma Ray, and Temperature for Run 05.

Run 05 started formation drilling September 27, 2013 at 23:25 at 8010 MD / 7546 TVD. Weatherford International logged the 6.125 in. borehole.

The WBM at the start of drilling was 8.90 ppg.

Comment No. 4-2

End of M/LWD Drilling Run 05

Run 05 ended drilling formation September 28, 2013 at 19:15 at 10489 MD / 7545 TVD.

The WBM at the end of drilling was 8.70 ppg.

Comment No. 5-1

RECORDED DATA LOG

Start of M/LWD Drilling Run 06

Weatherford International provided 6 3/4 in. Directional, Gamma Ray, and Temperature for Run 06.

Run 06 started formation drilling September 29, 2013 at 13:12 at 10489 MD / 7545 TVD. Weatherford International logged the 6.125 in. borehole.

The WBM at the start of drilling was 8.70 ppg.

Comment No. 5-2

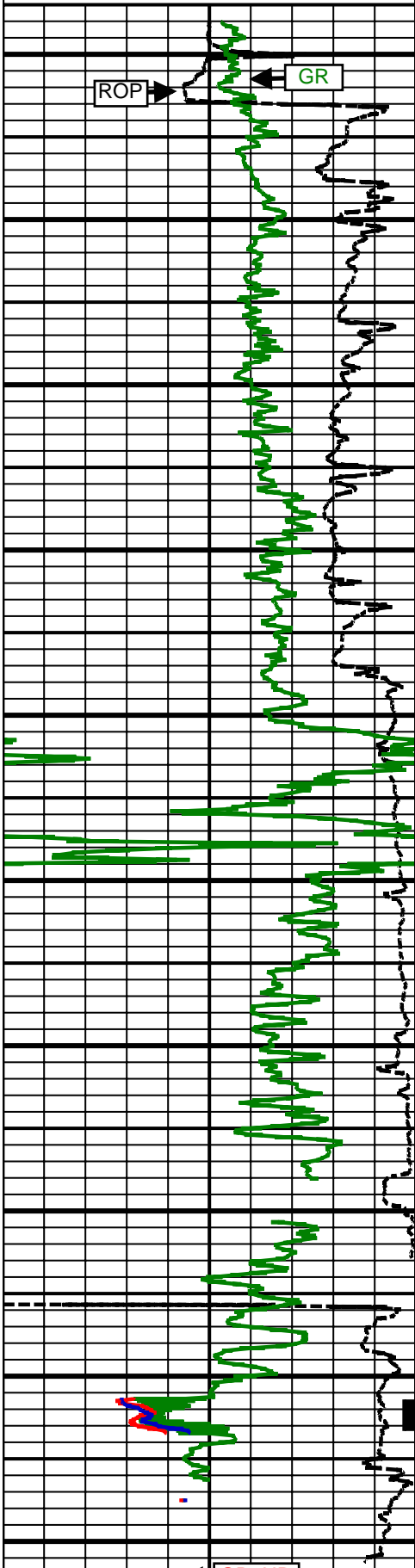
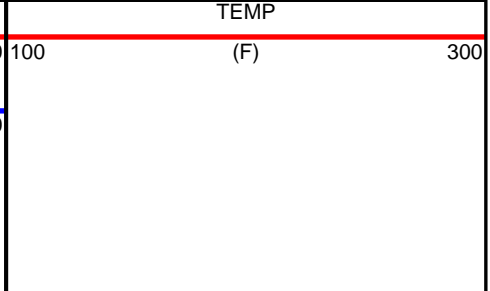
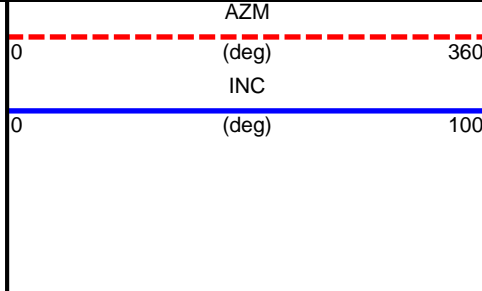
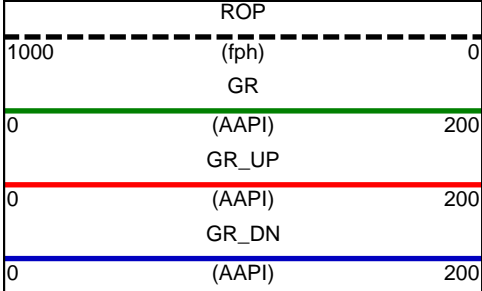
End of M/LWD Drilling Run 06

Run 06 ended drilling formation September 30, 2013 at 09:23 at 12705 MD / 7544 TVD.

The WBM at the end of drilling was 8.70 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
Gamma Ray Up	GR_UP	AAPI	Gamma Ray 3.0 ft window 0.5 ft Exponential Smoothing	
Gamma Ray Down	GR_DN	AAPI	Gamma Ray 3.0 ft window 0.5 ft Exponential Smoothing	
Inclination	INC	deg	Survey Inclination No Smoothing	None
Azimuth	AZM	deg	Survey Azimuth No Smoothing	
Temperature	TEMP	F	Borehole Temperature 3.0 ft window 0.5 ft Exponential Smoothing	

1 Inch - Measured Depth



7100 MD

7200 MD

7300 MD

7400 MD

7500 MD

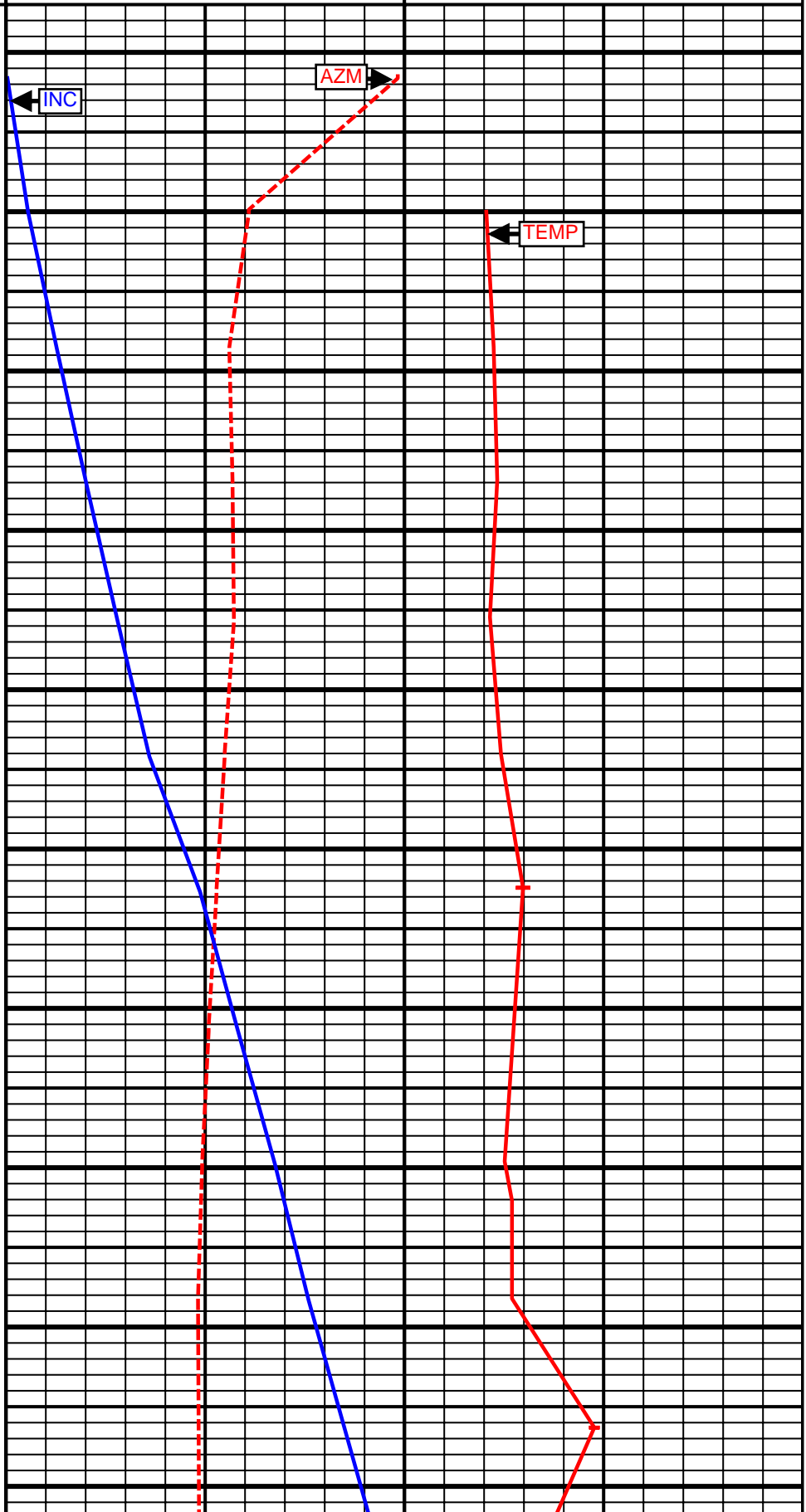
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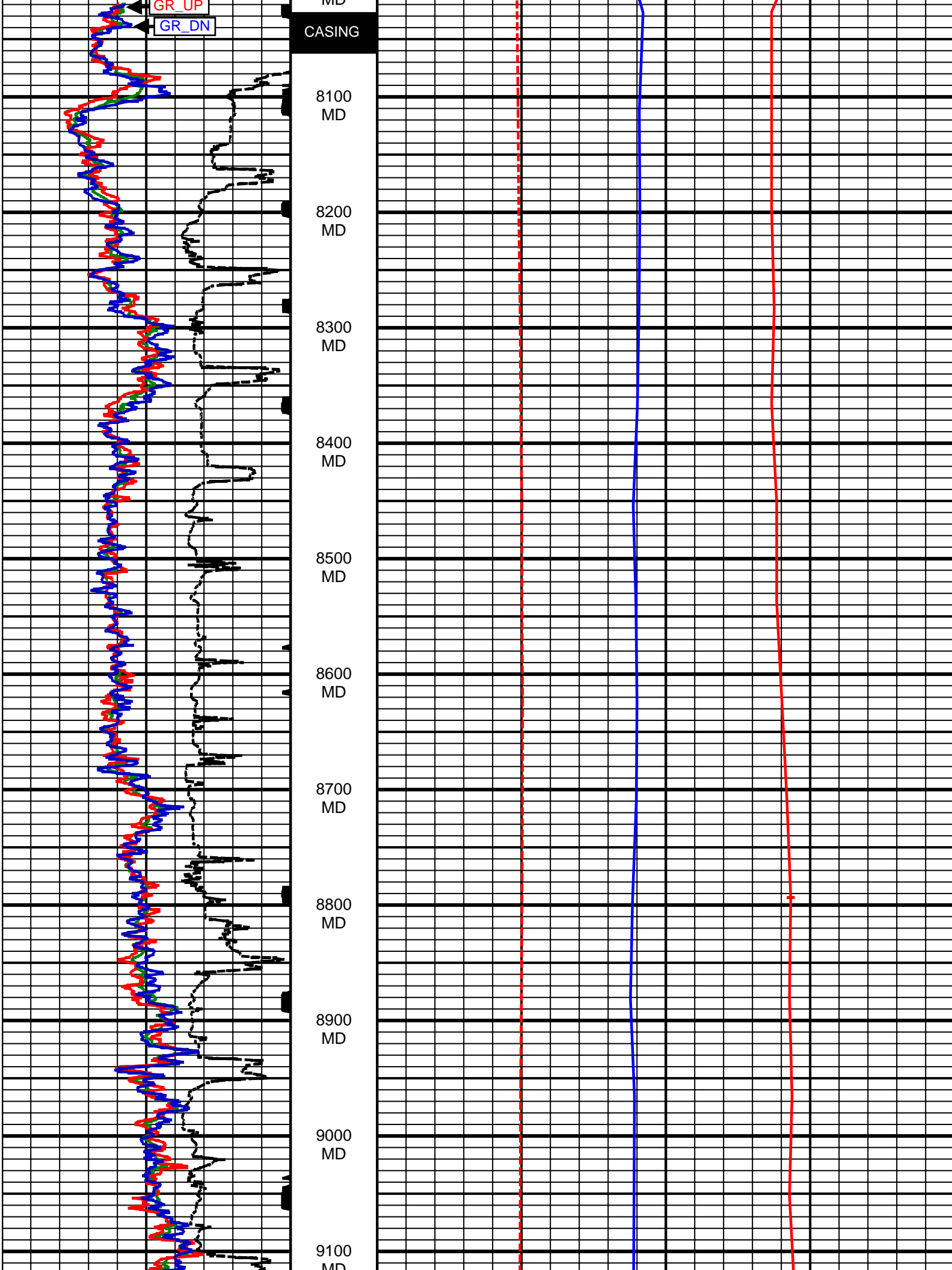
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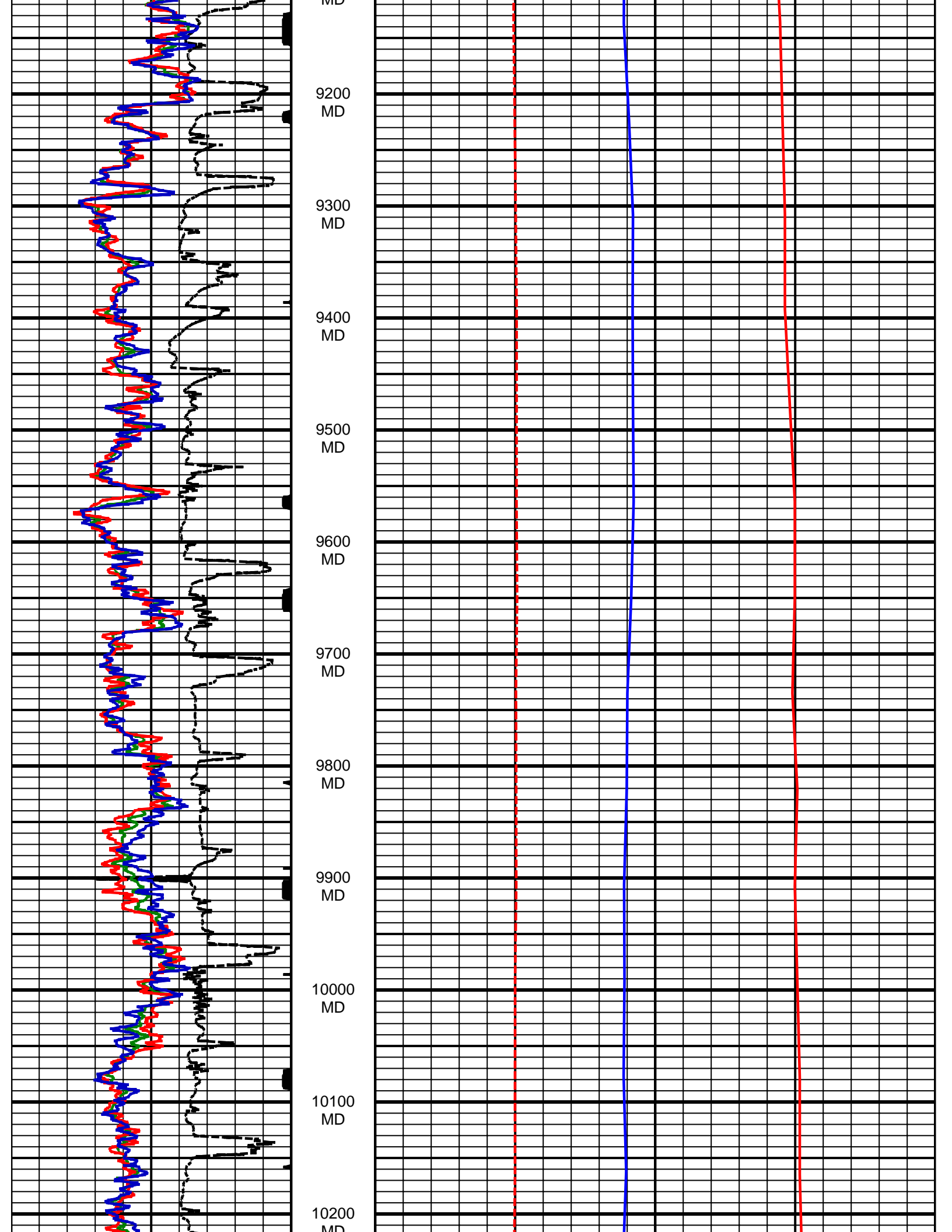
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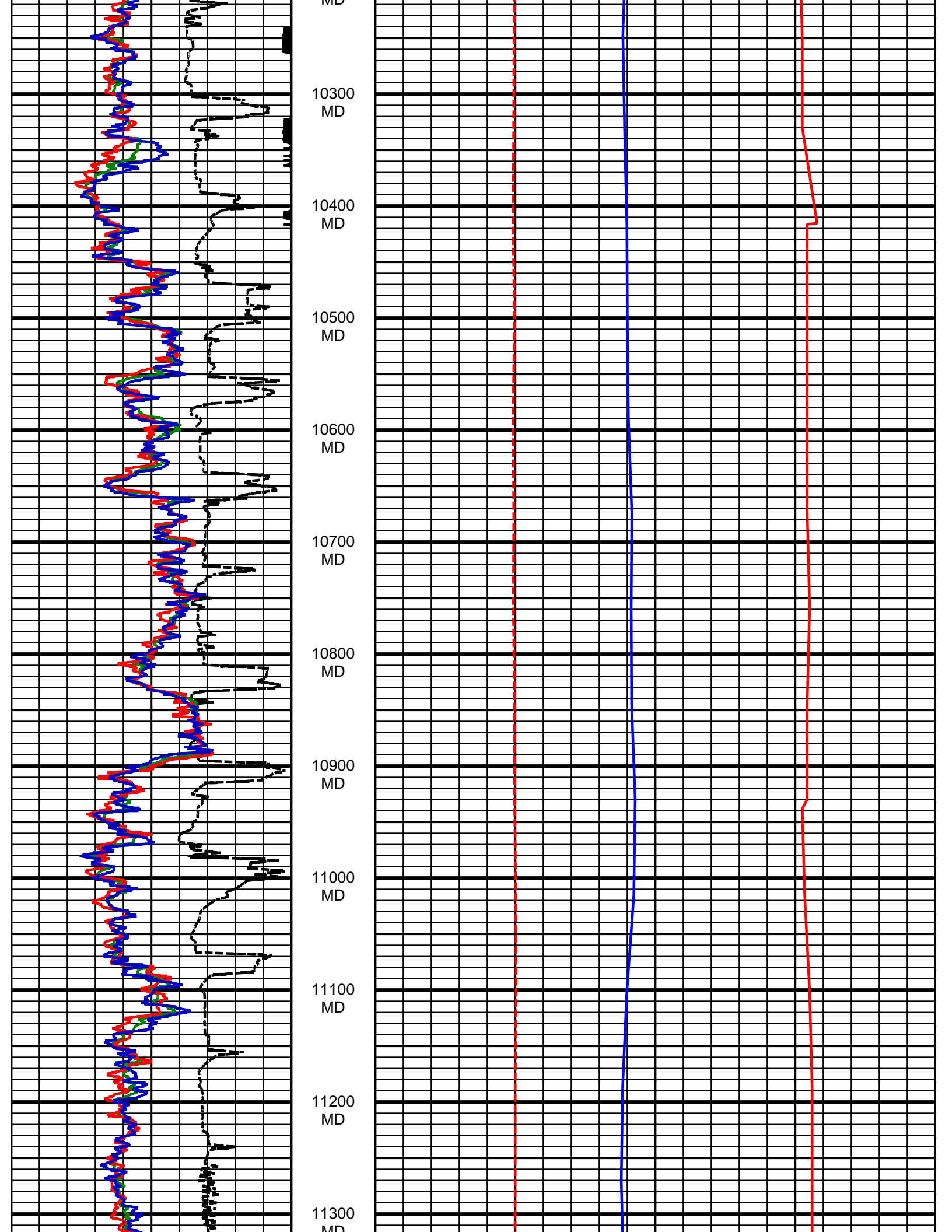
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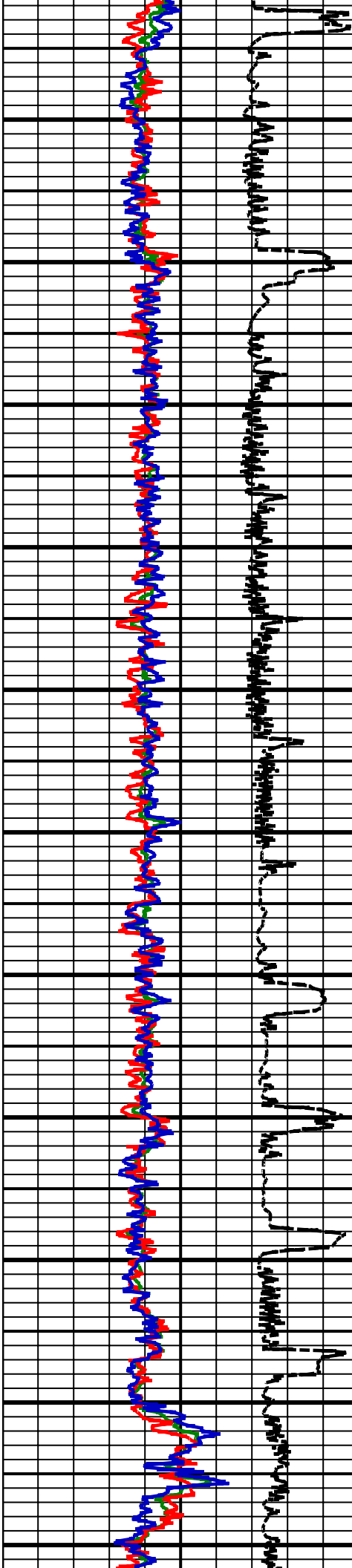
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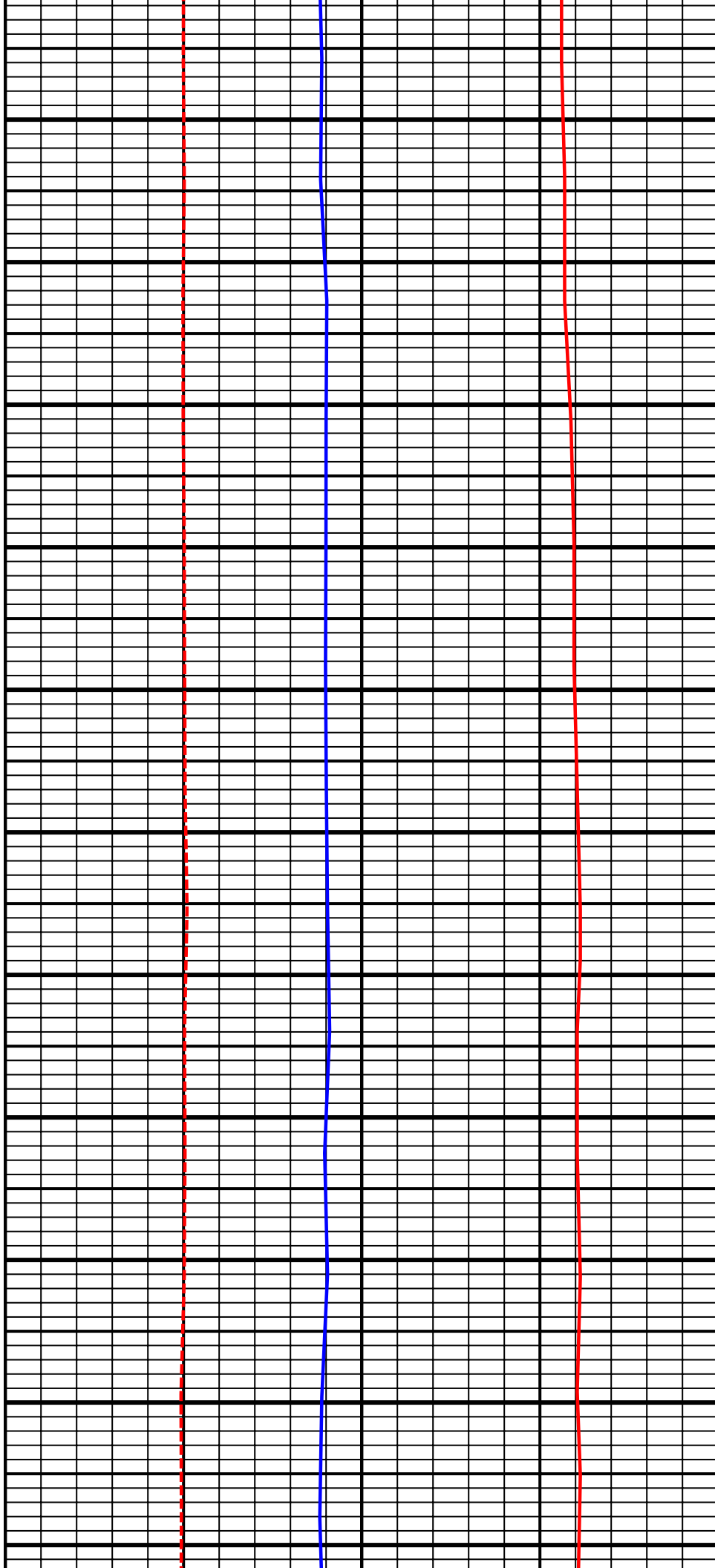


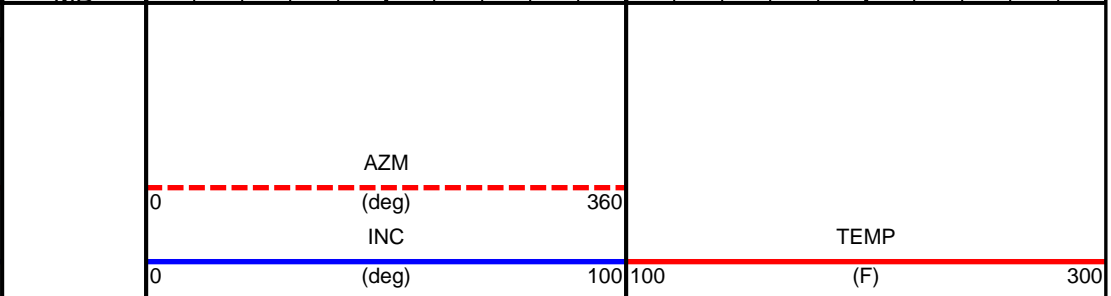
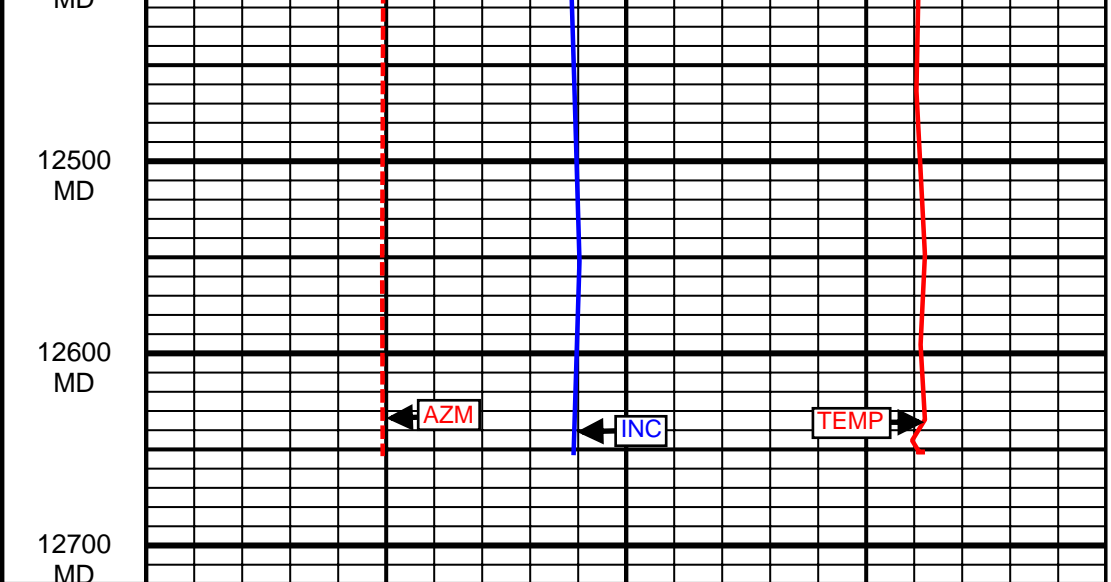
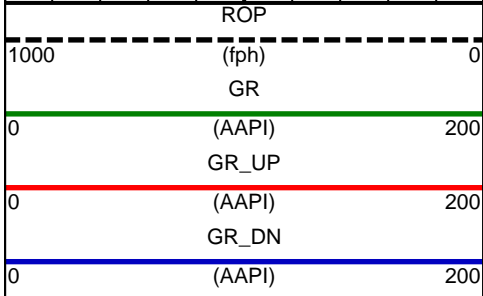
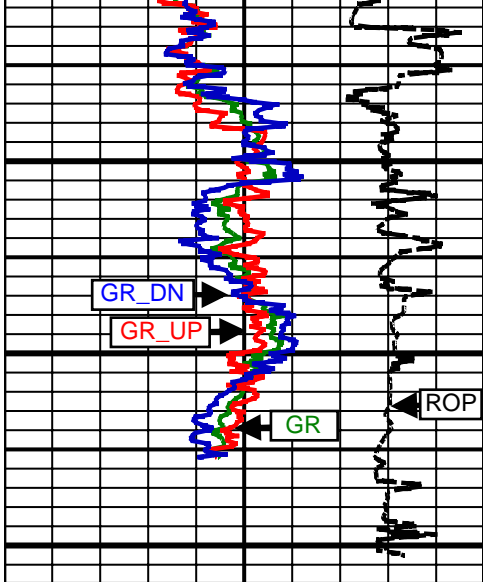




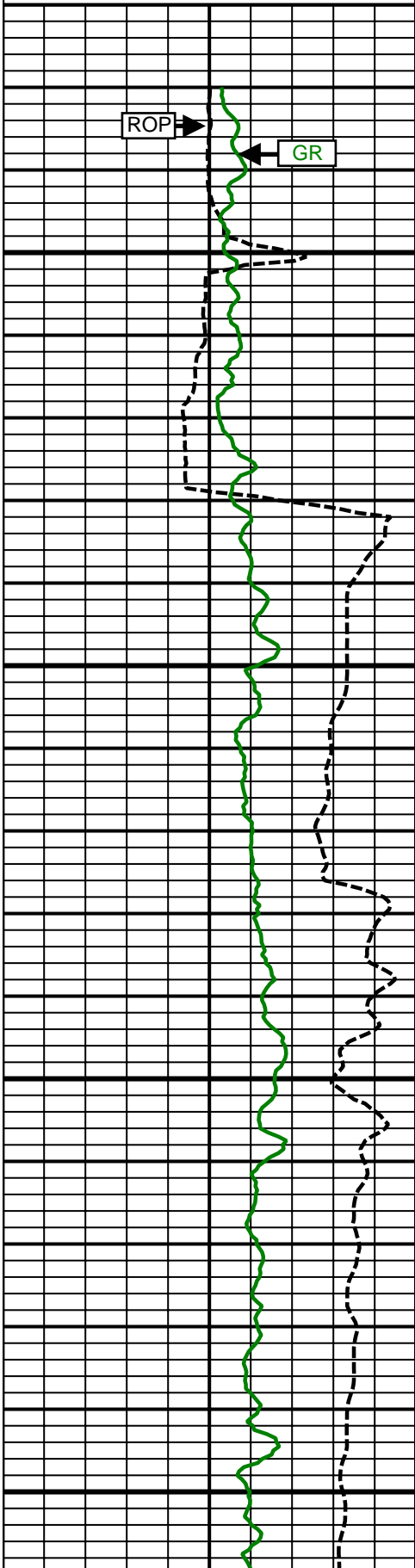
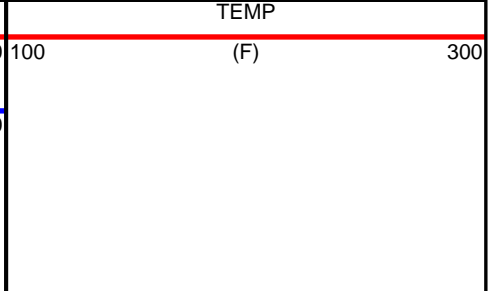
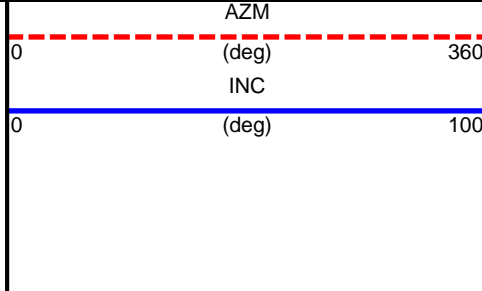
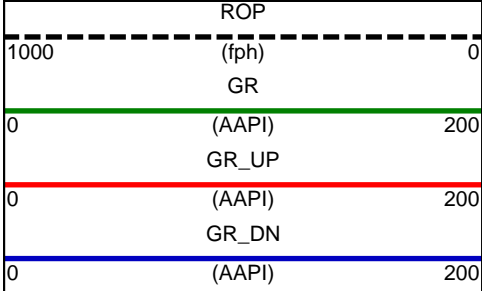


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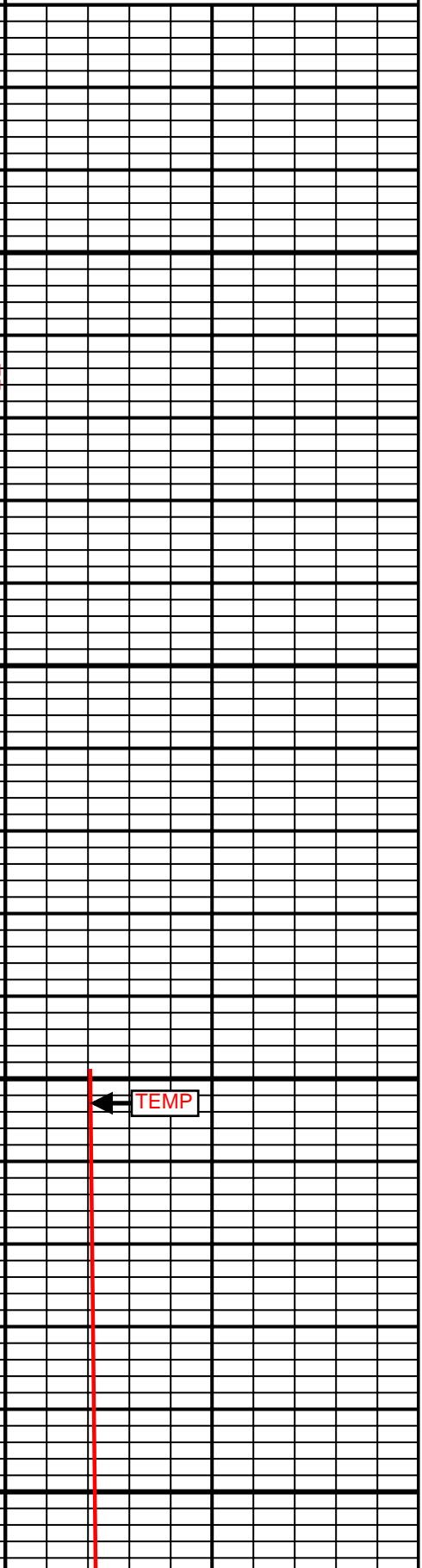
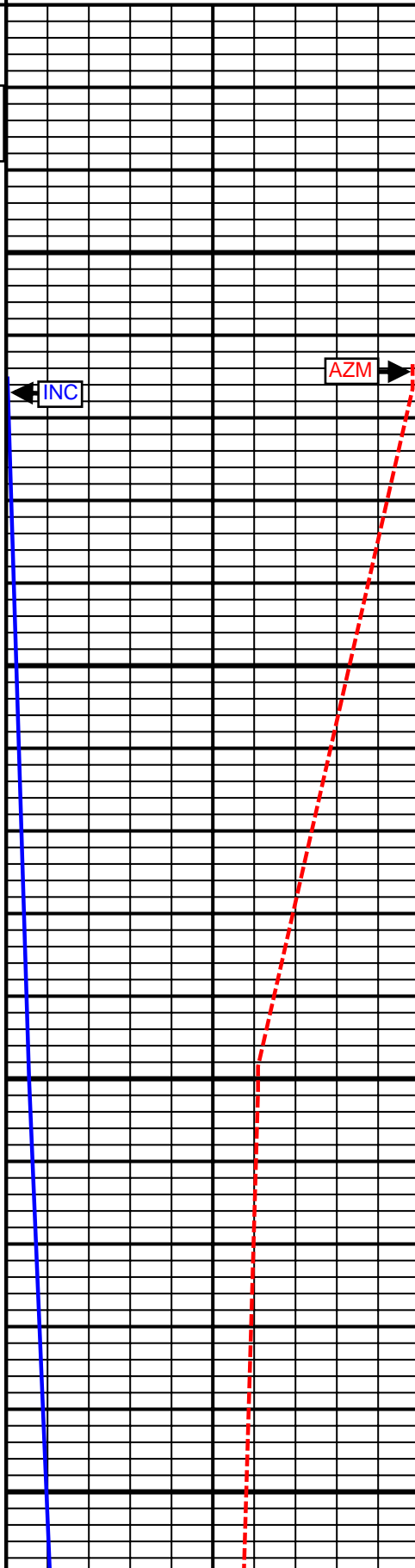
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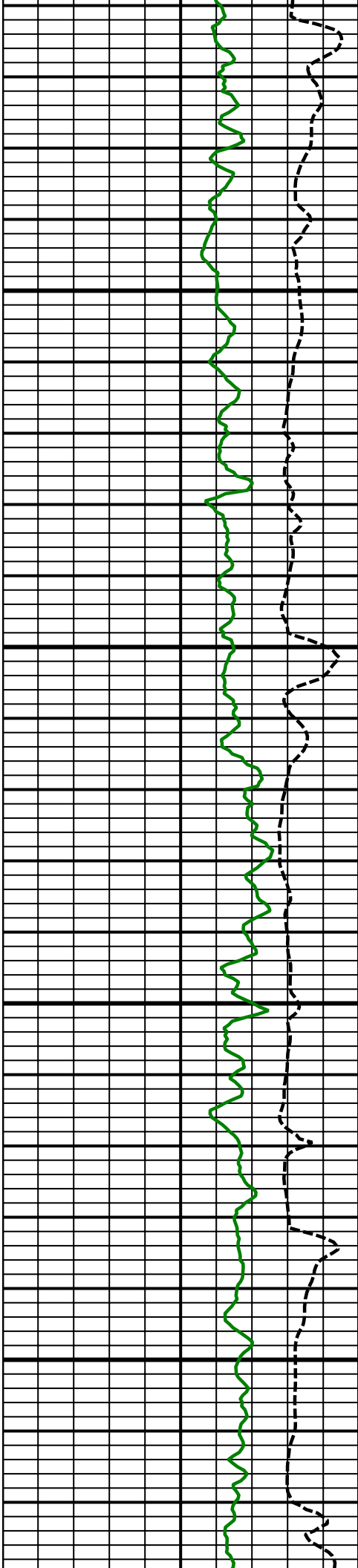


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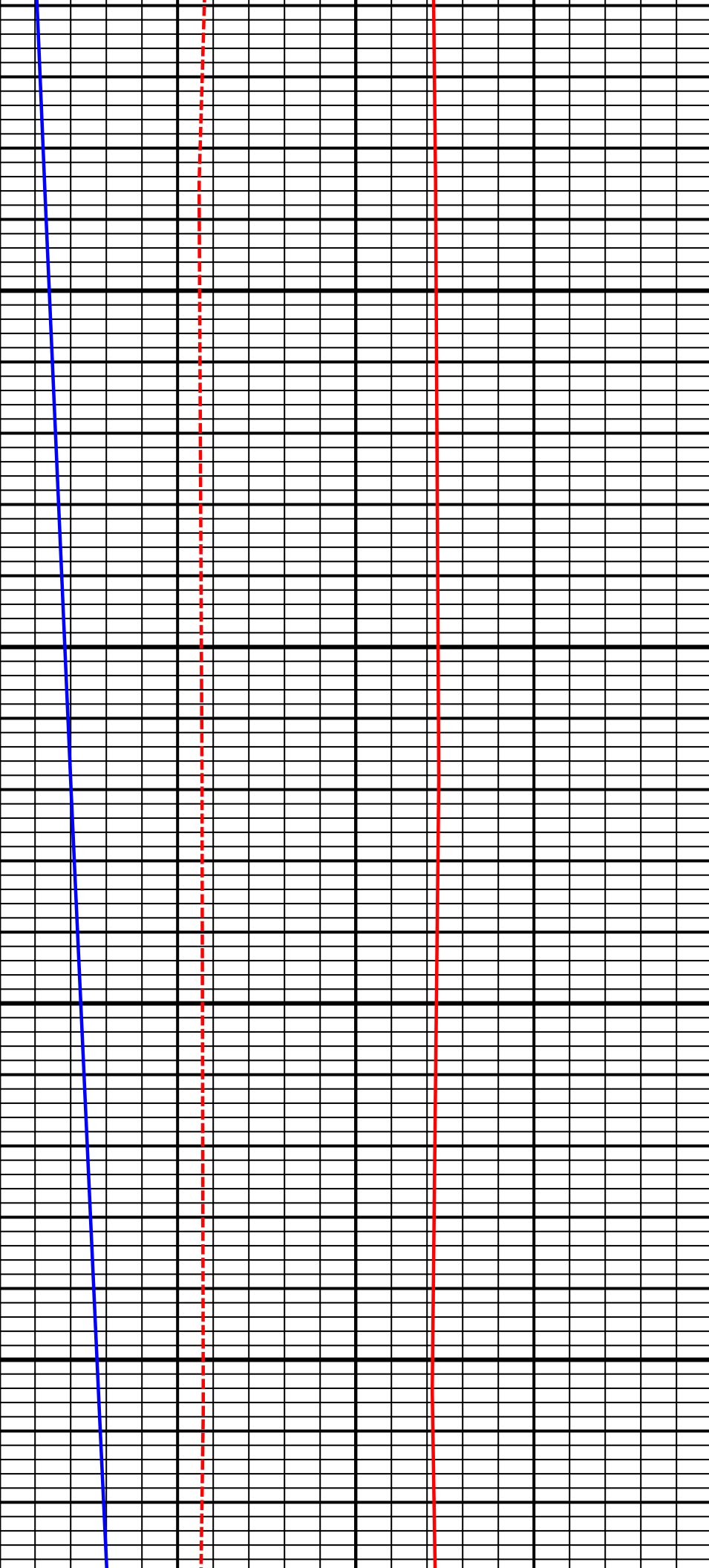


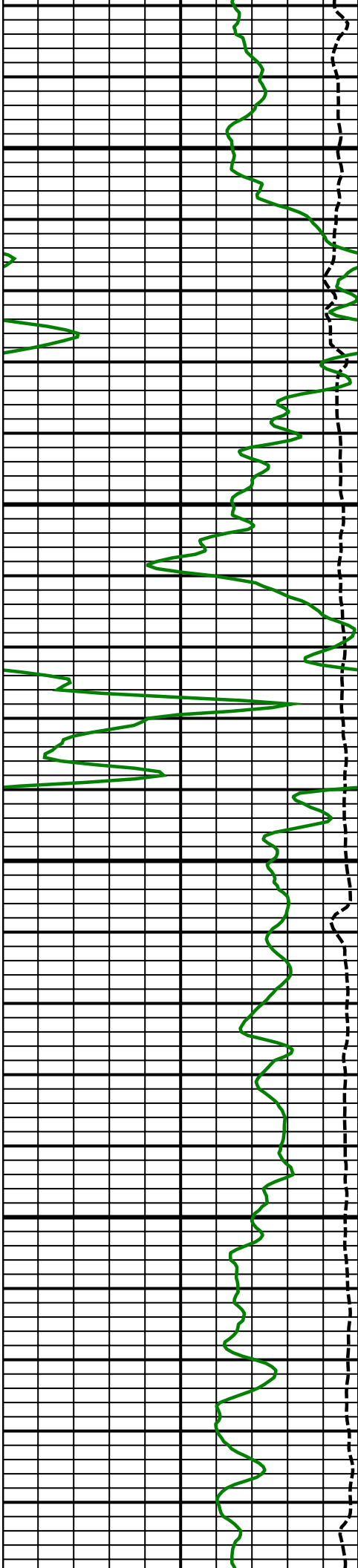
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Comment
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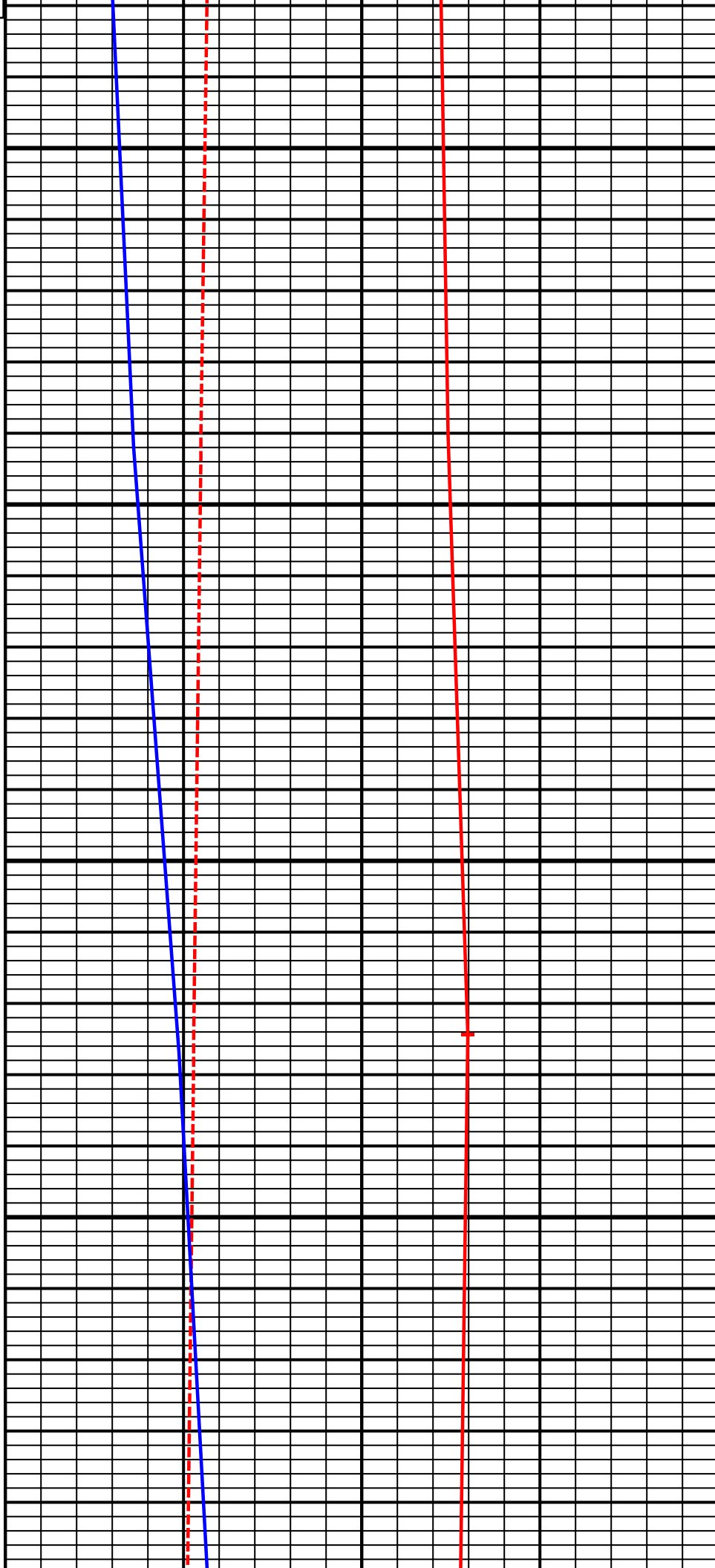


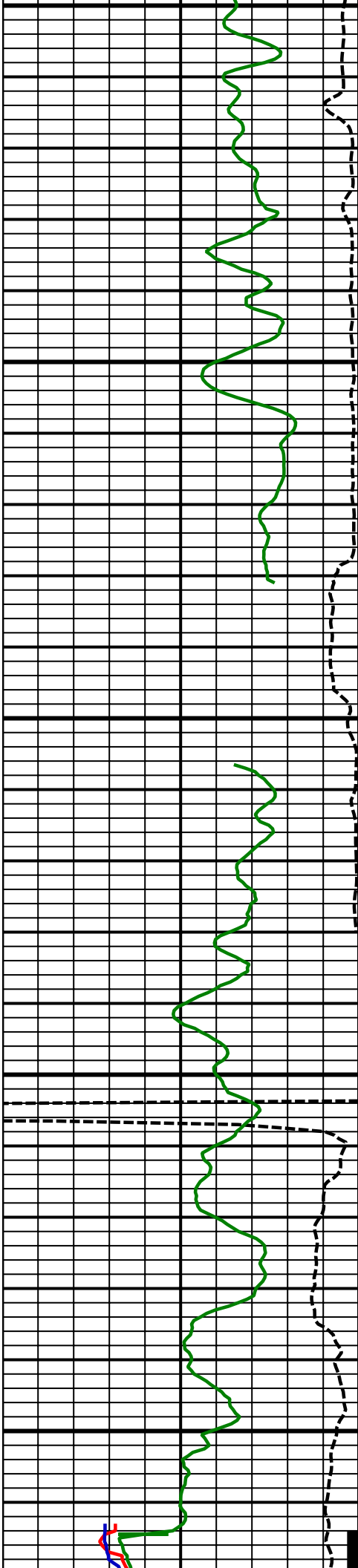


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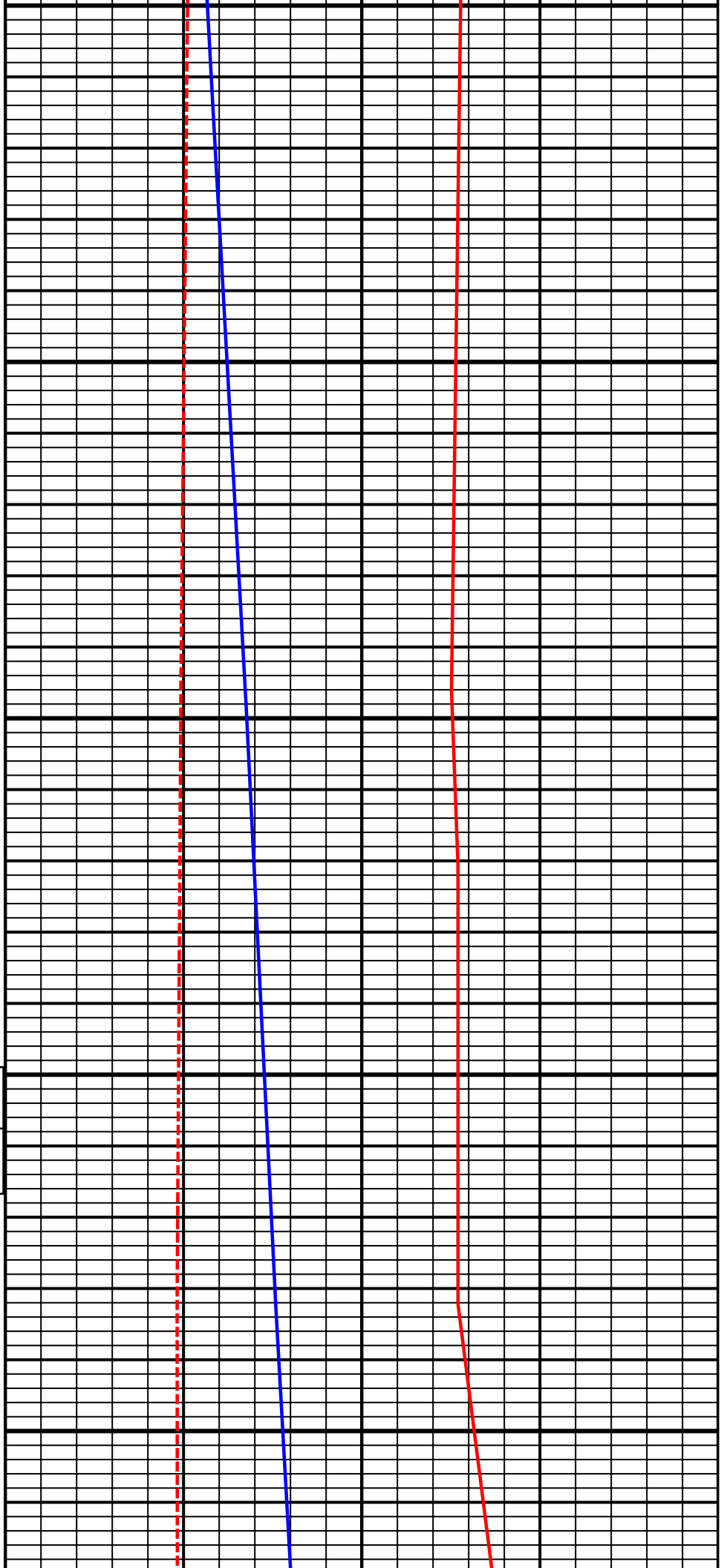
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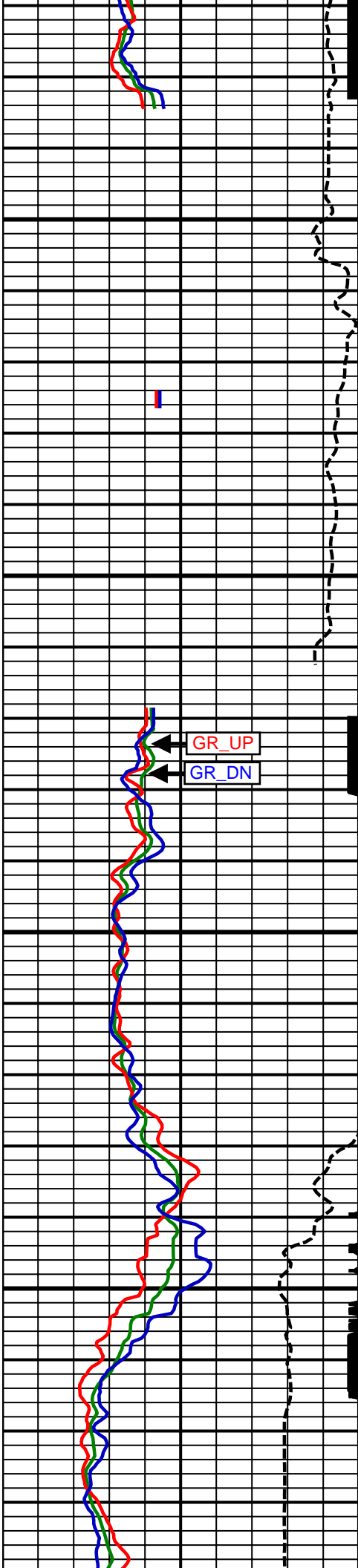
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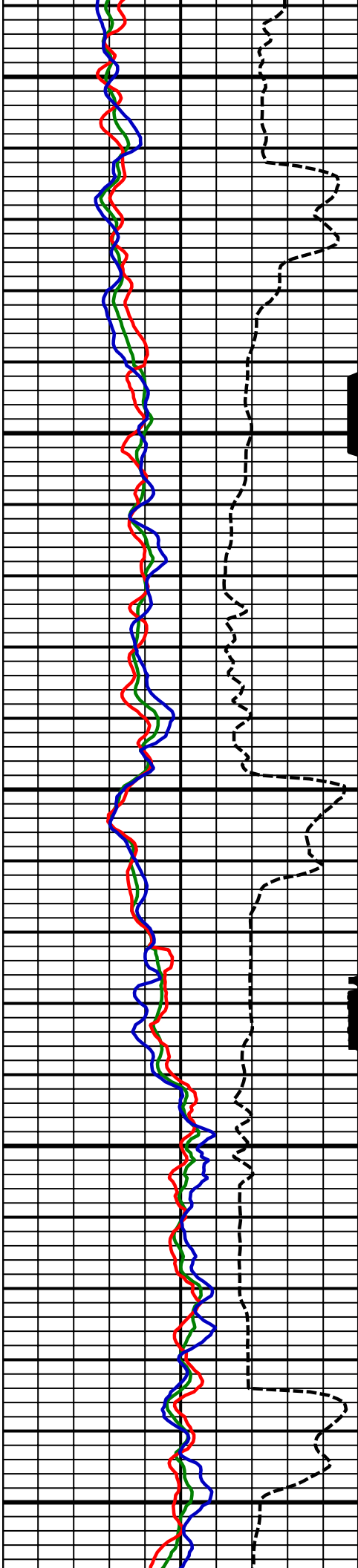


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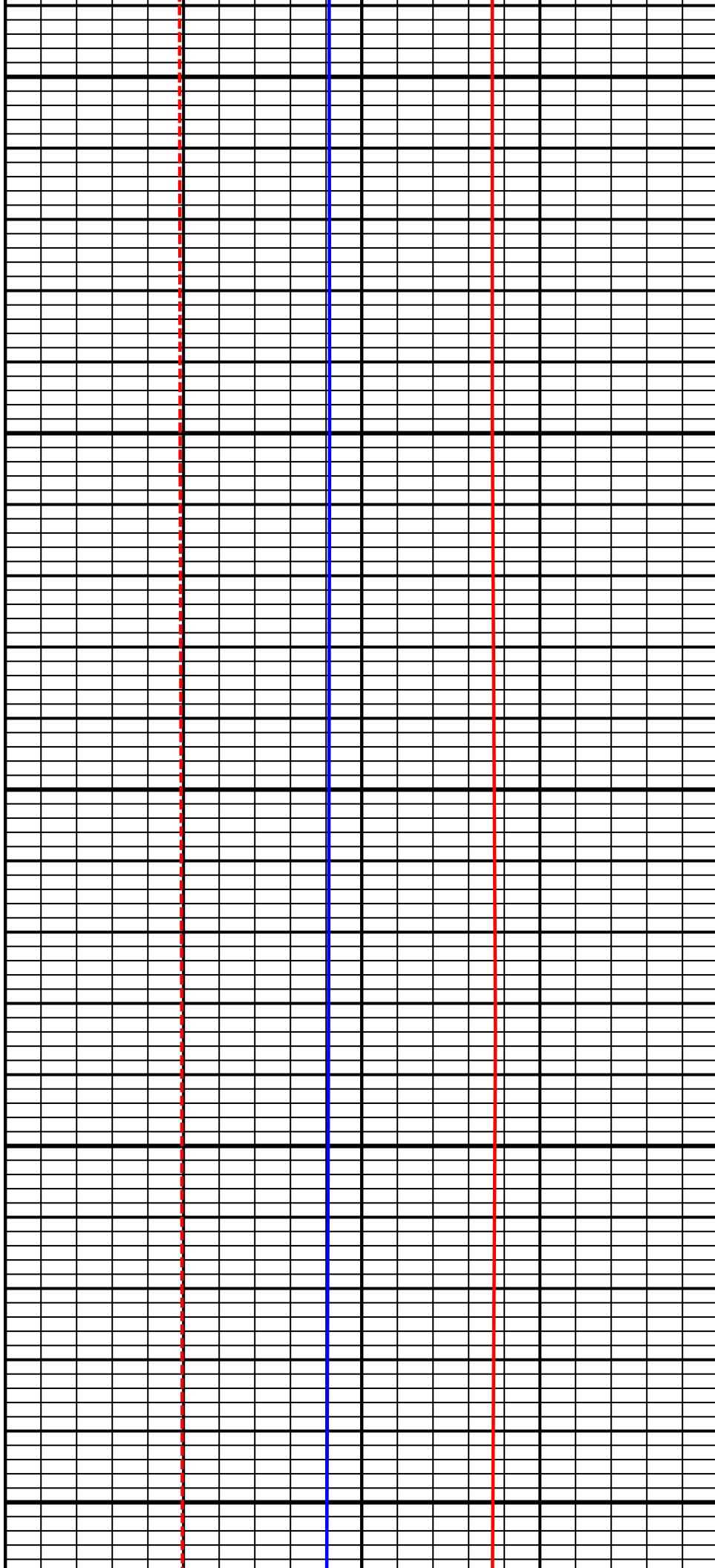
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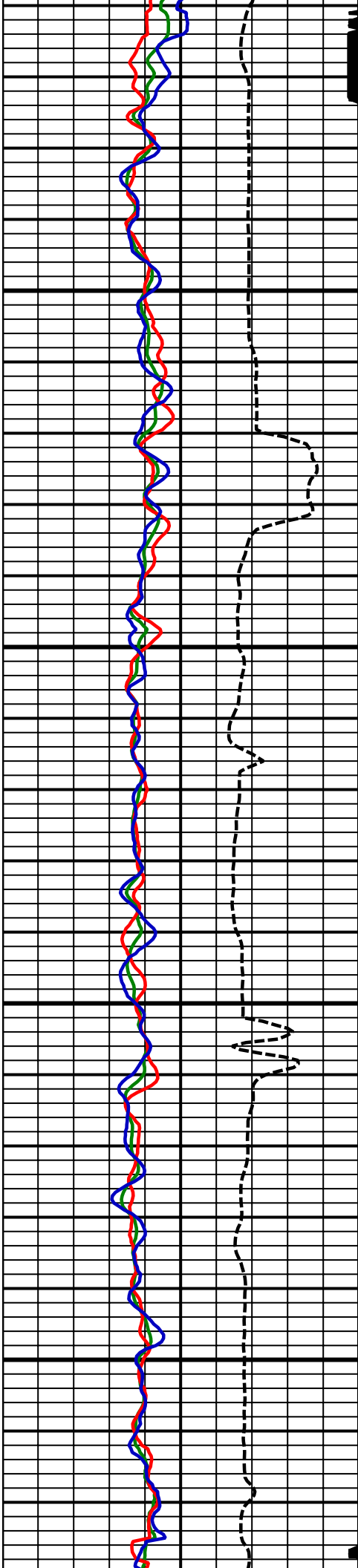
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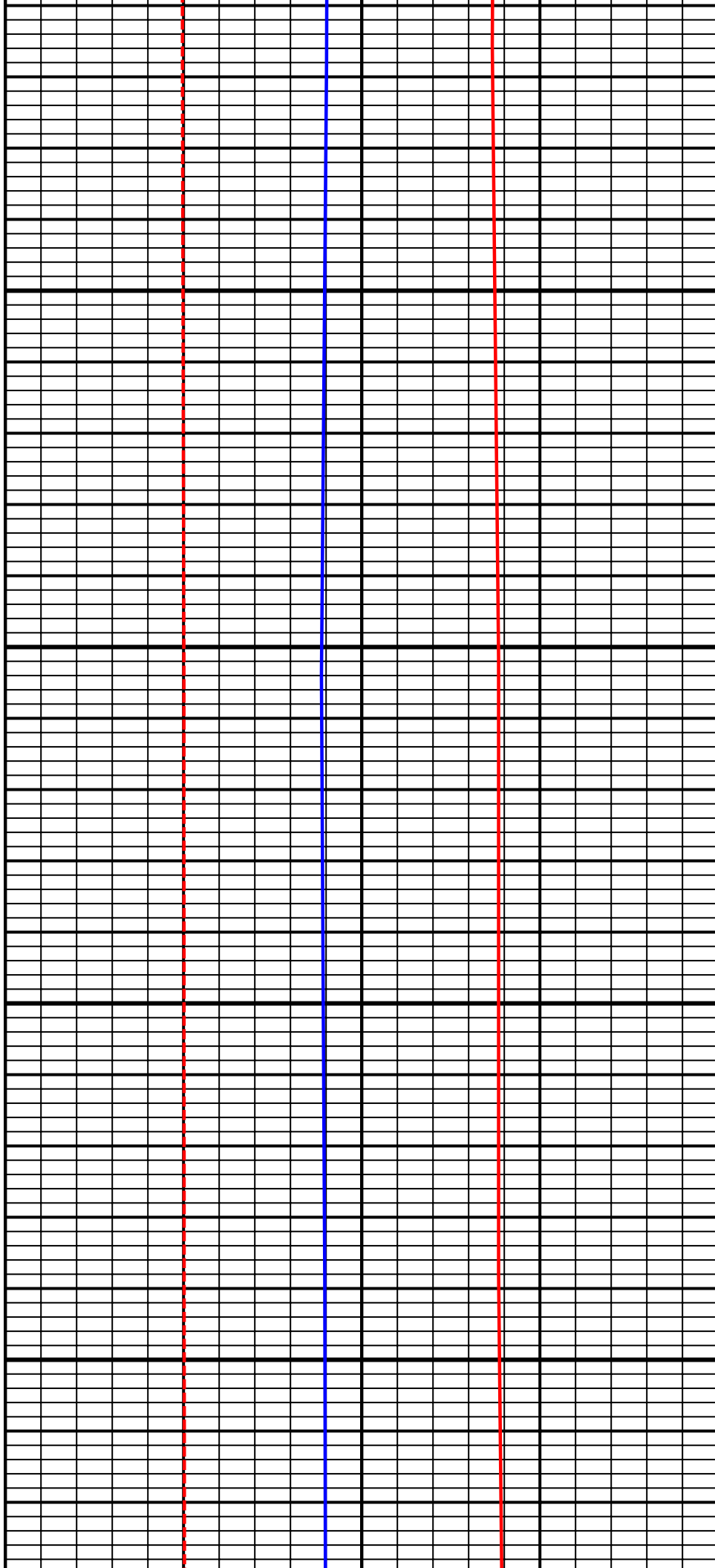
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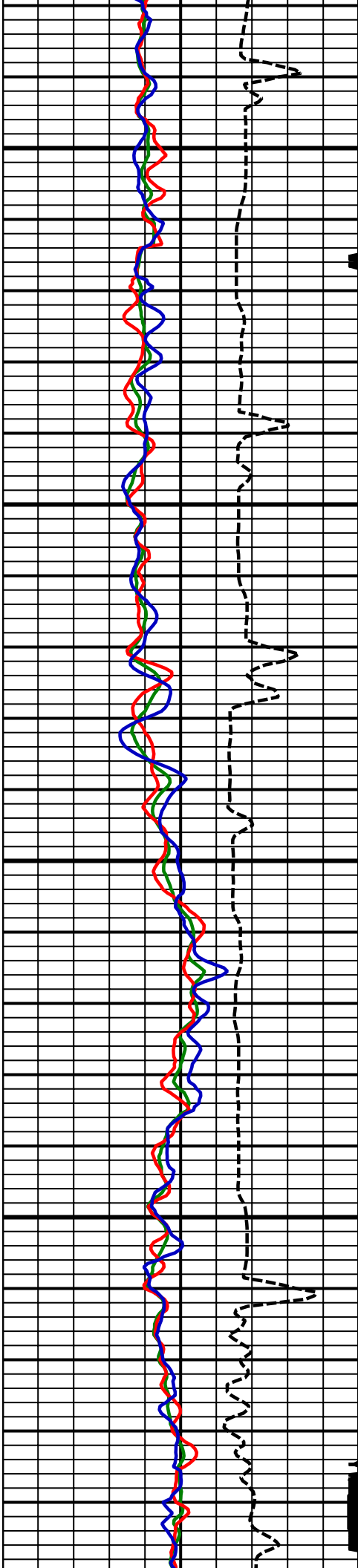




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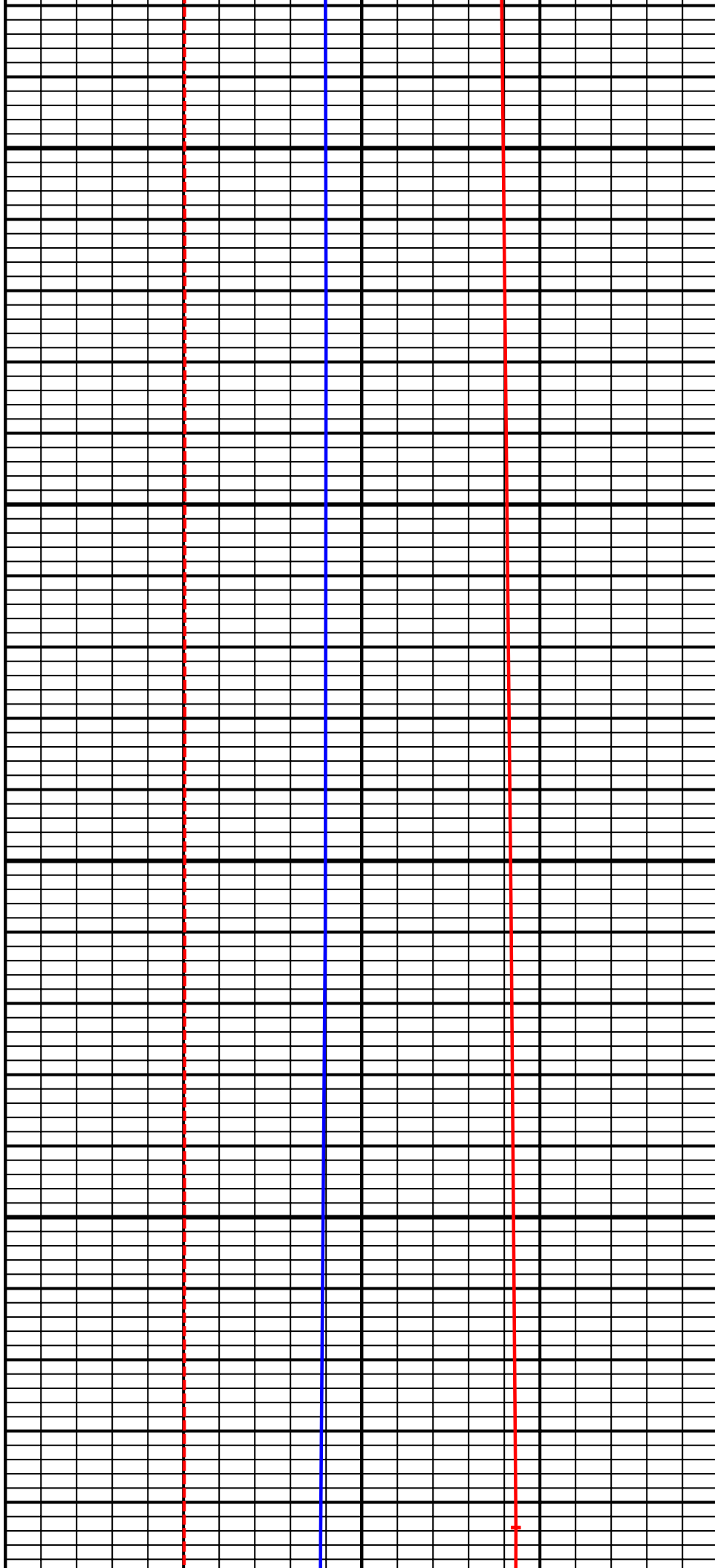


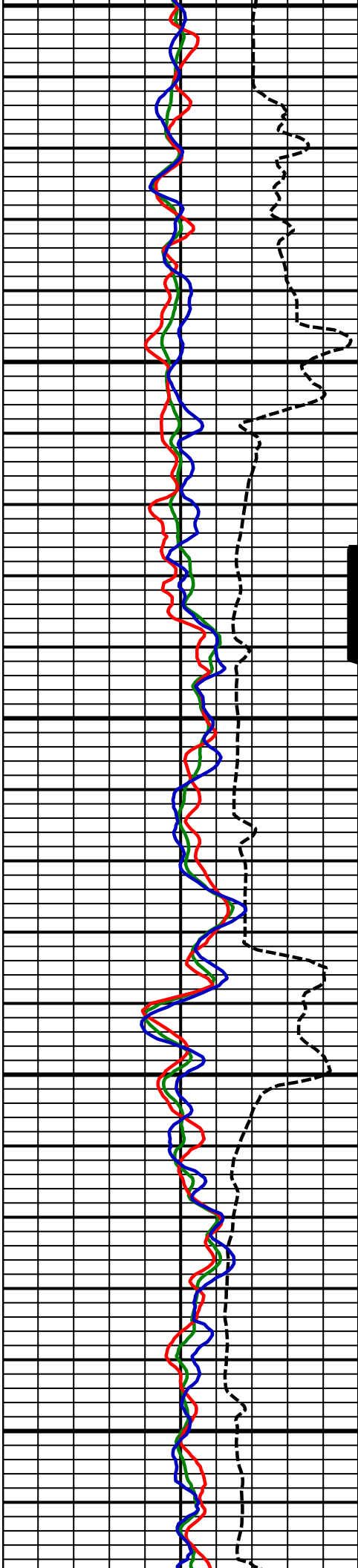


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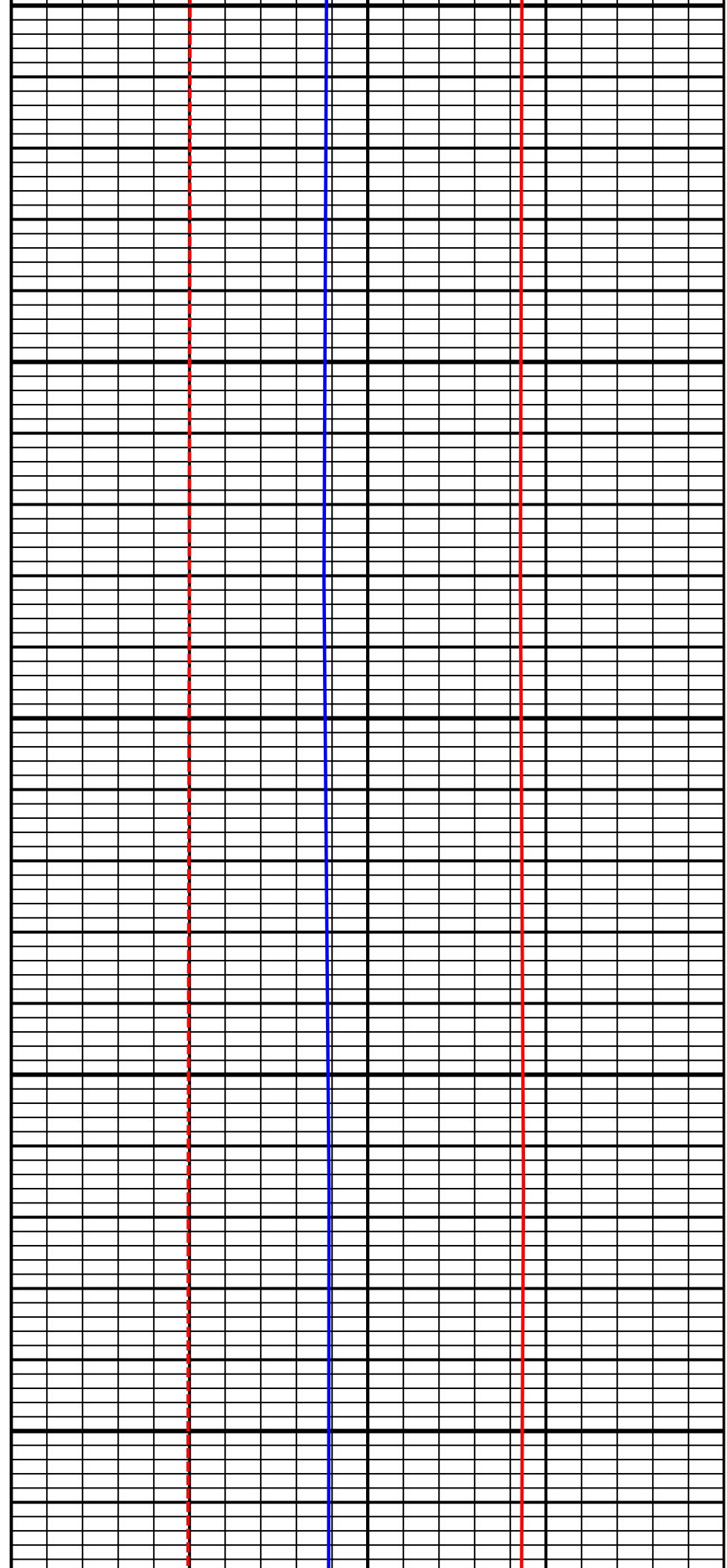


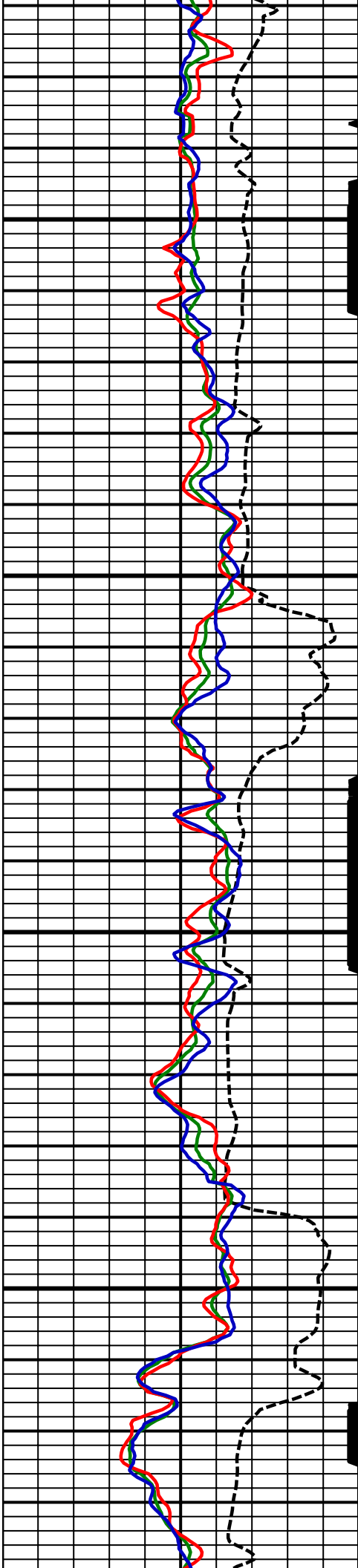


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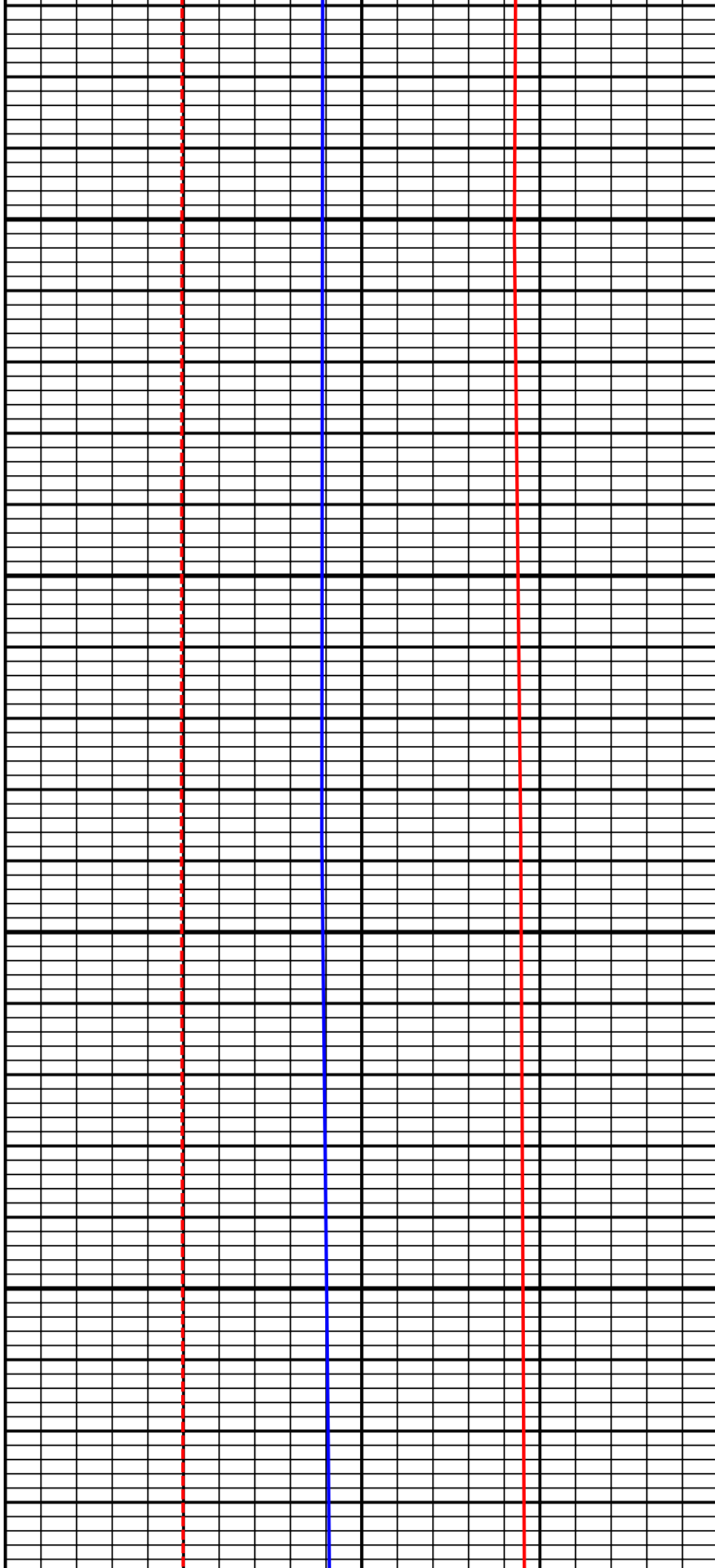
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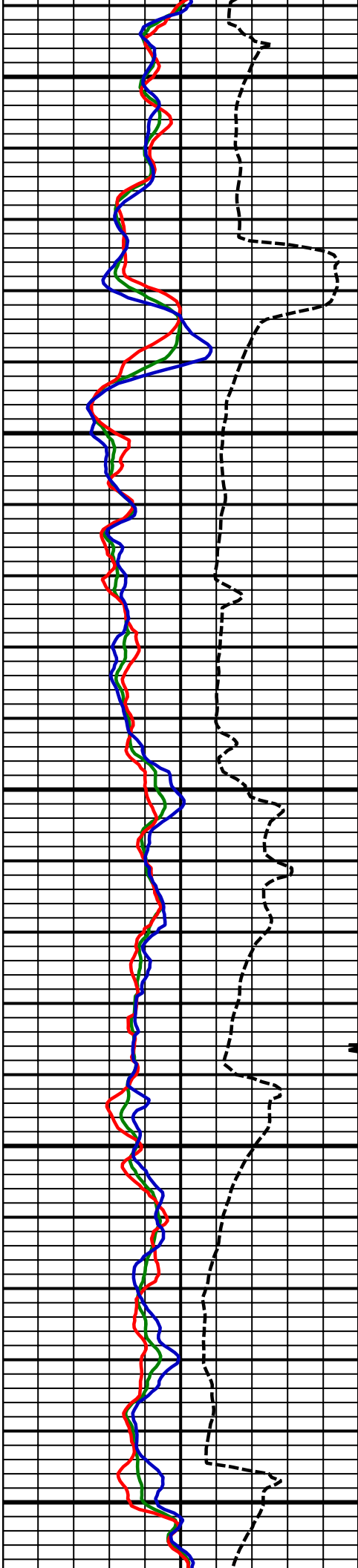




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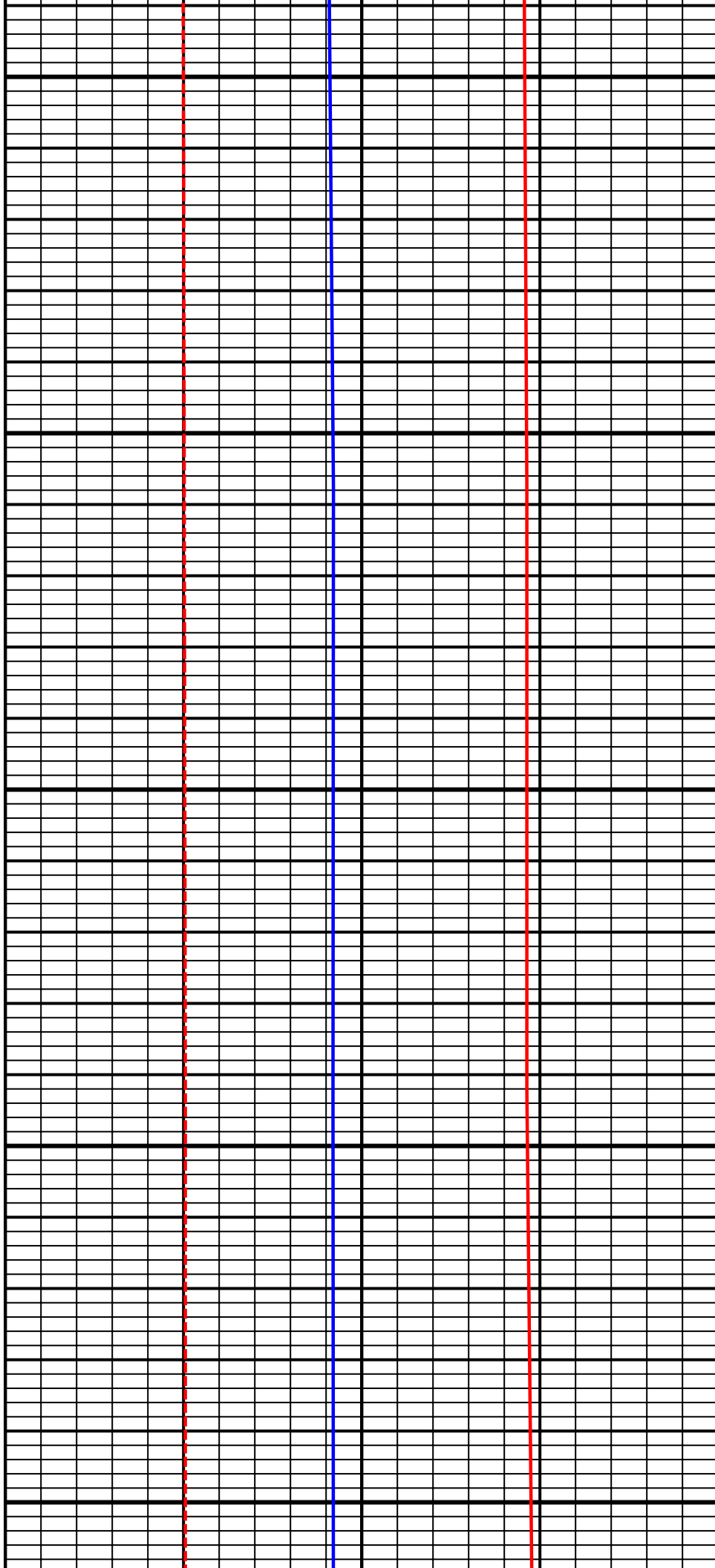
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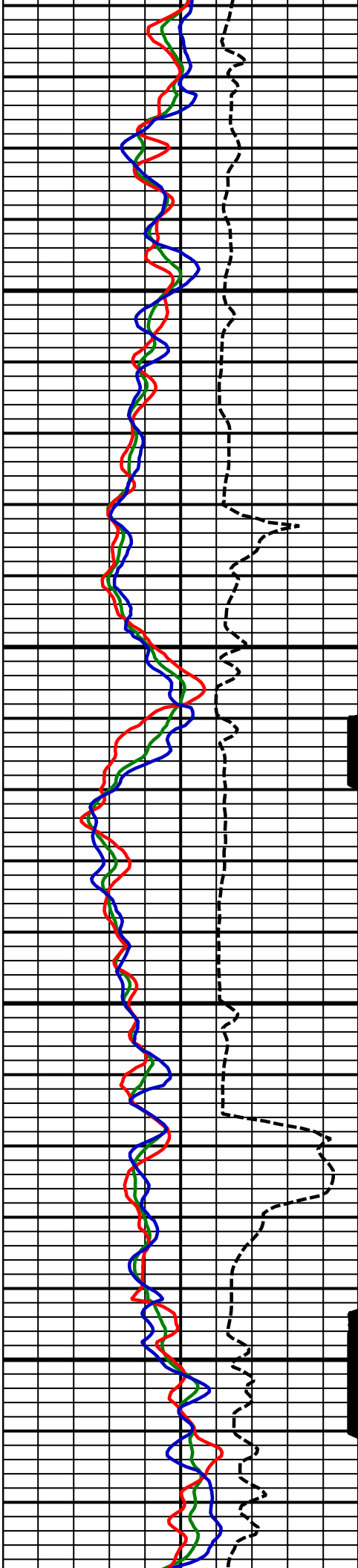




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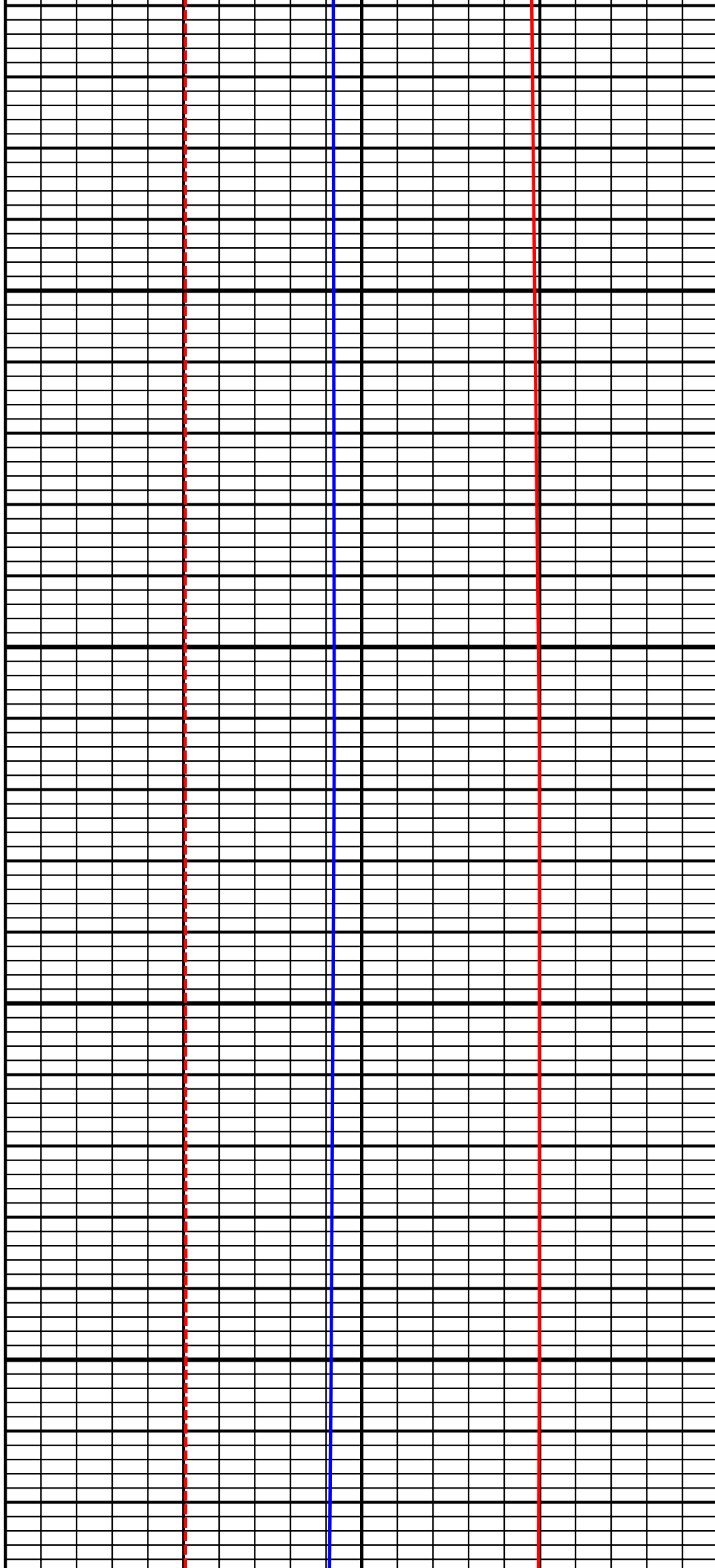
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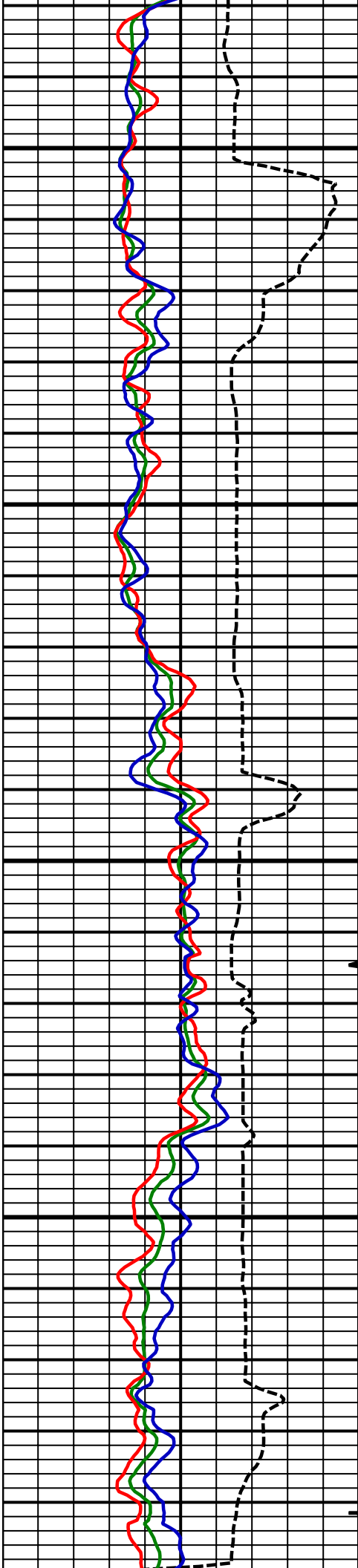




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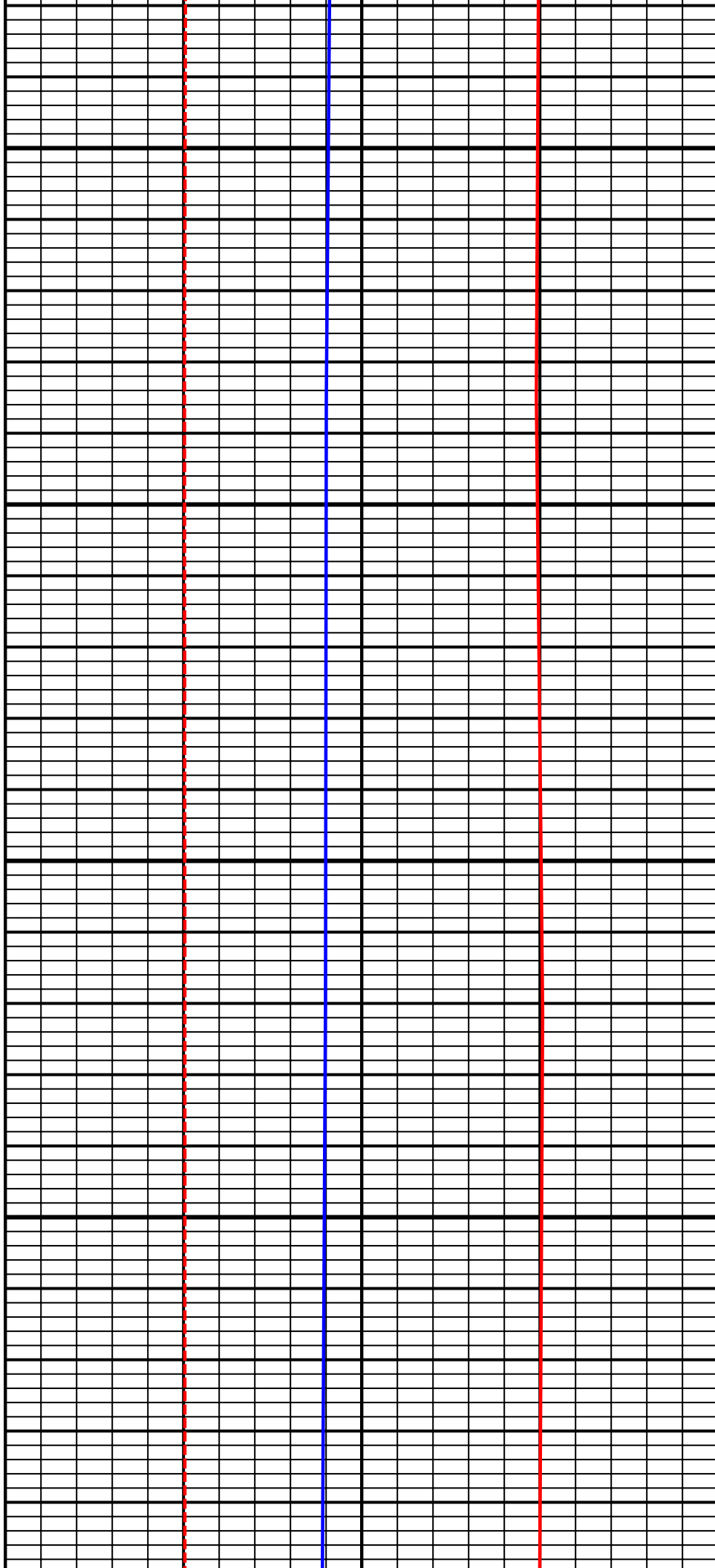


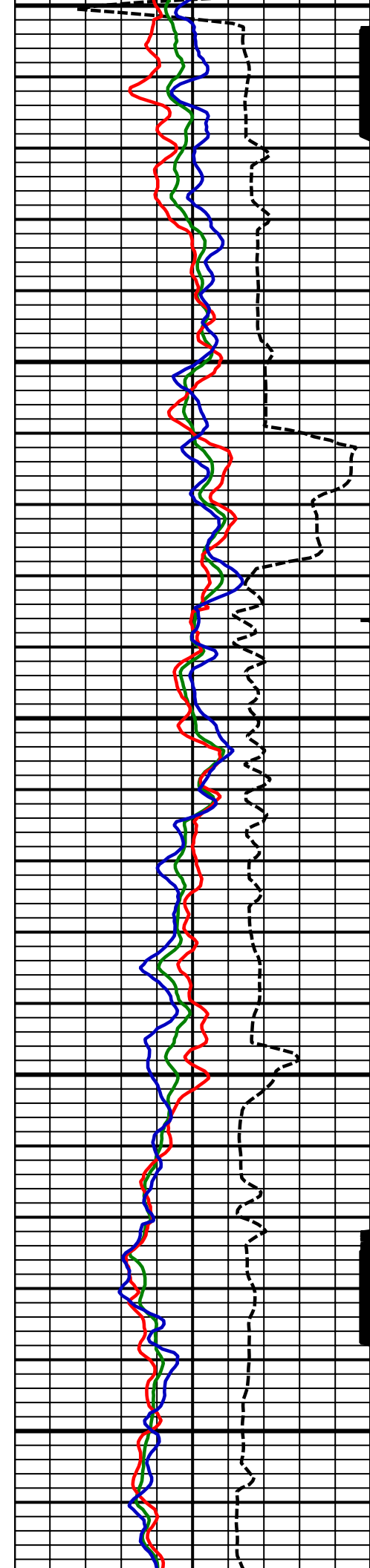


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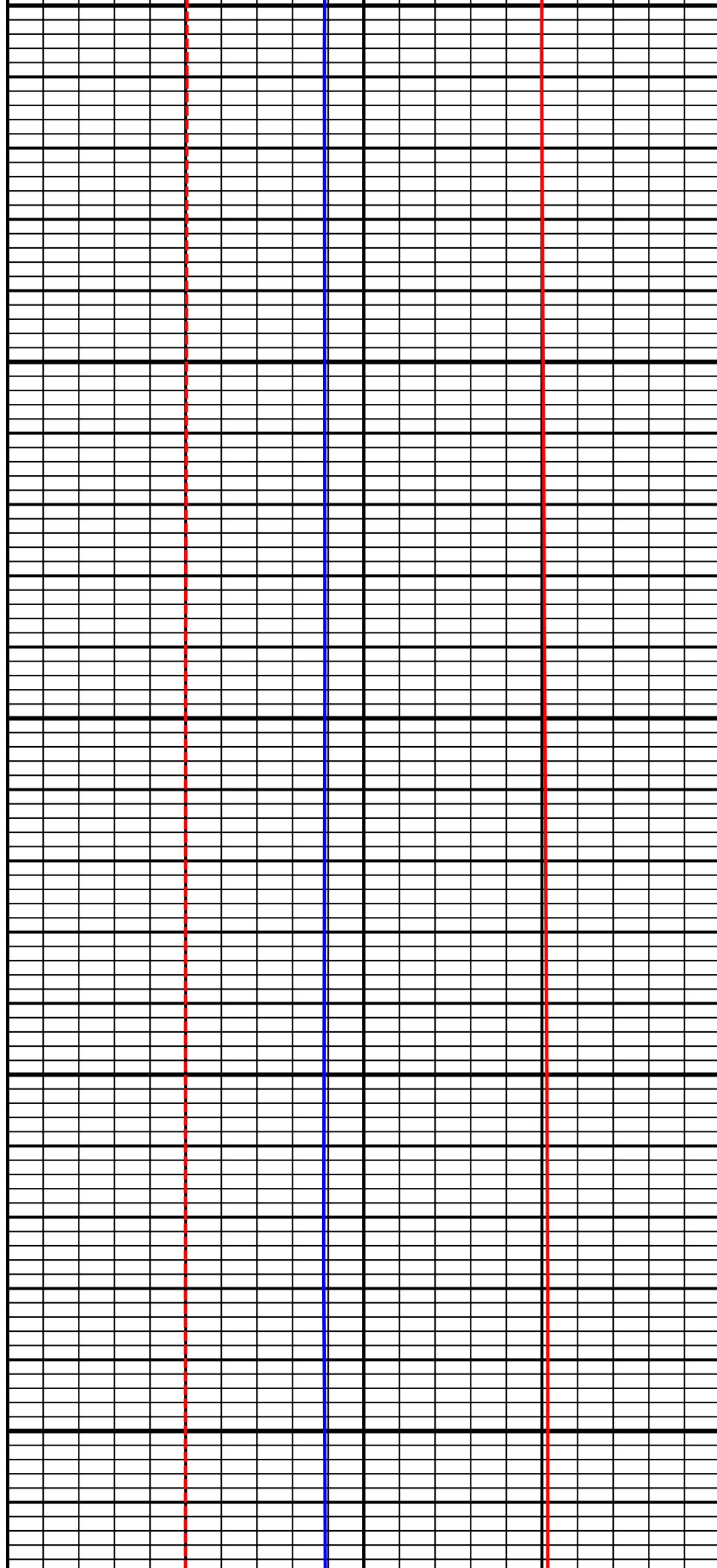


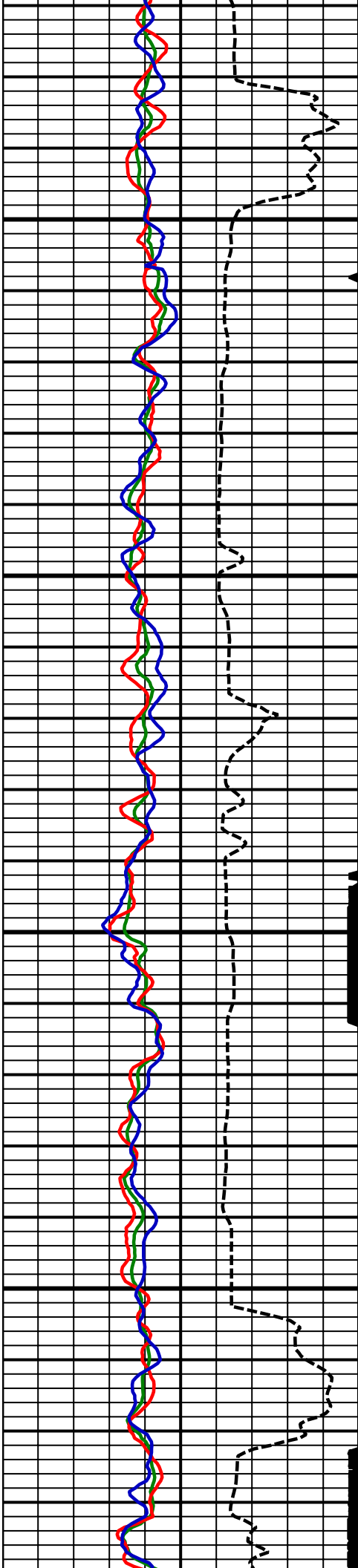


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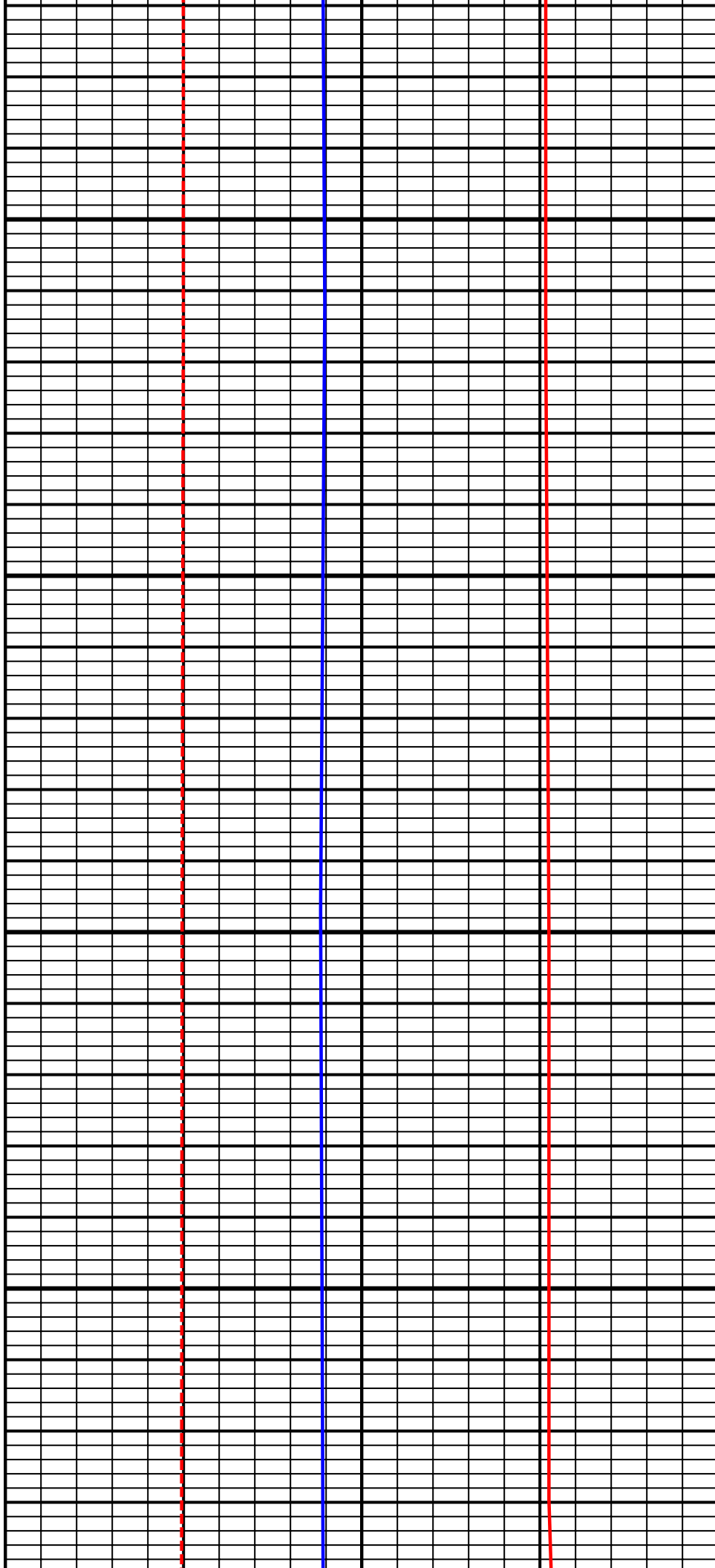
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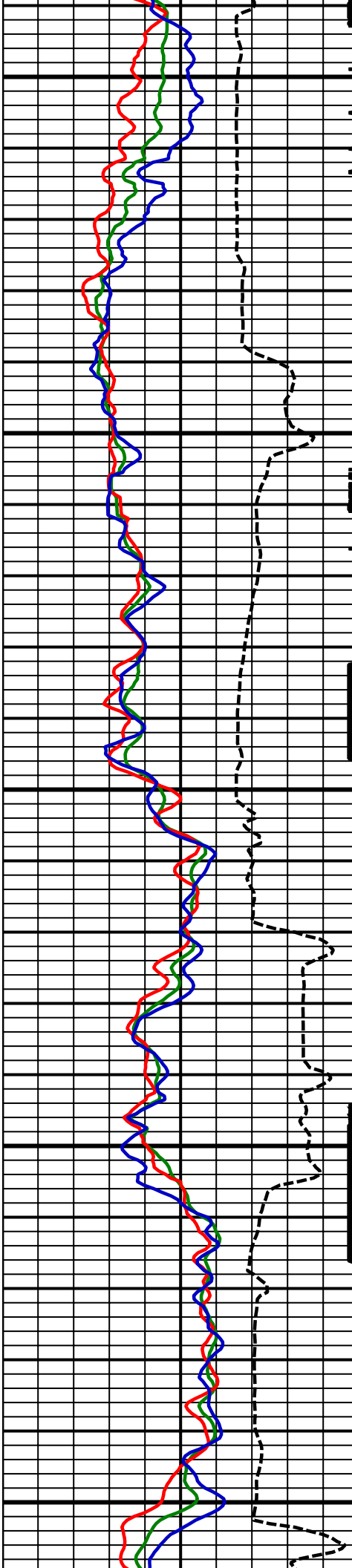




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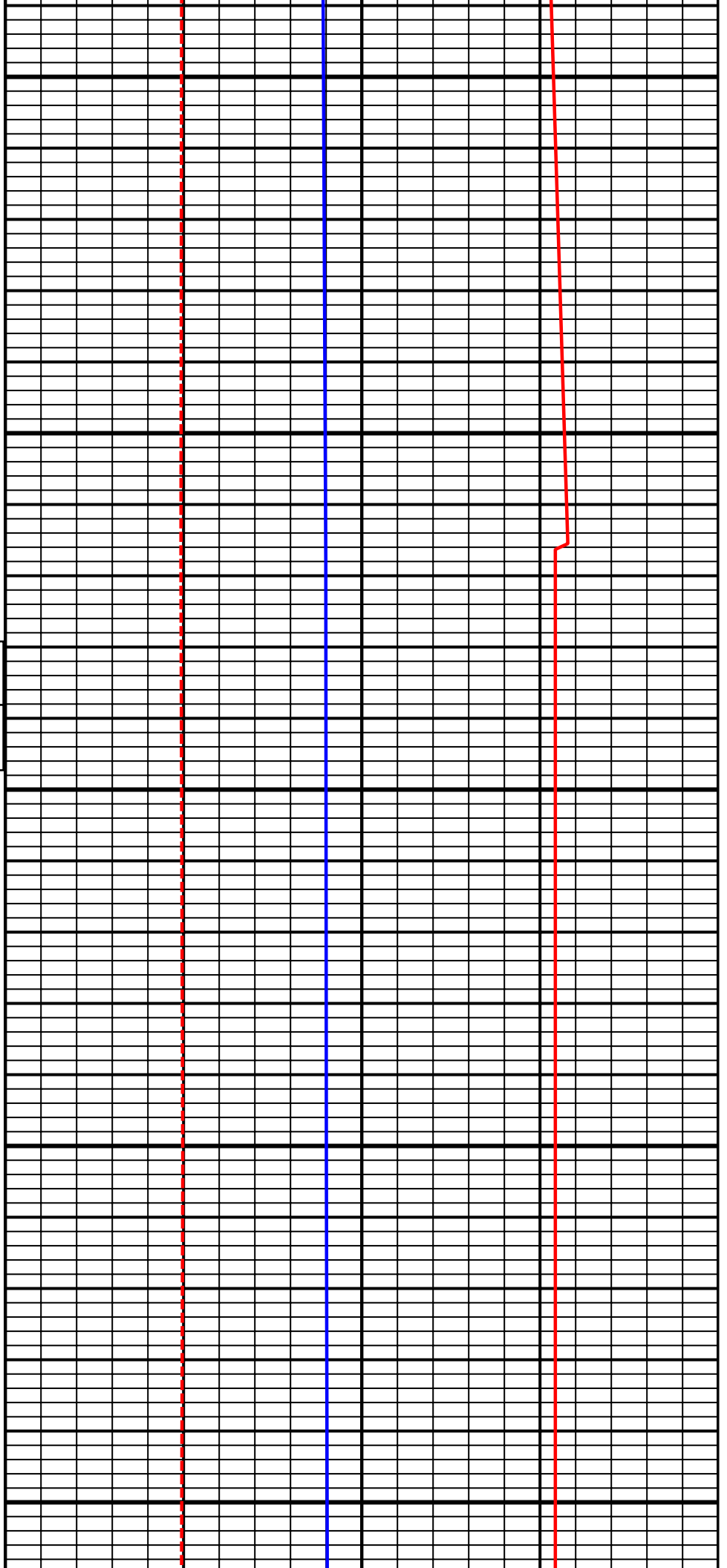


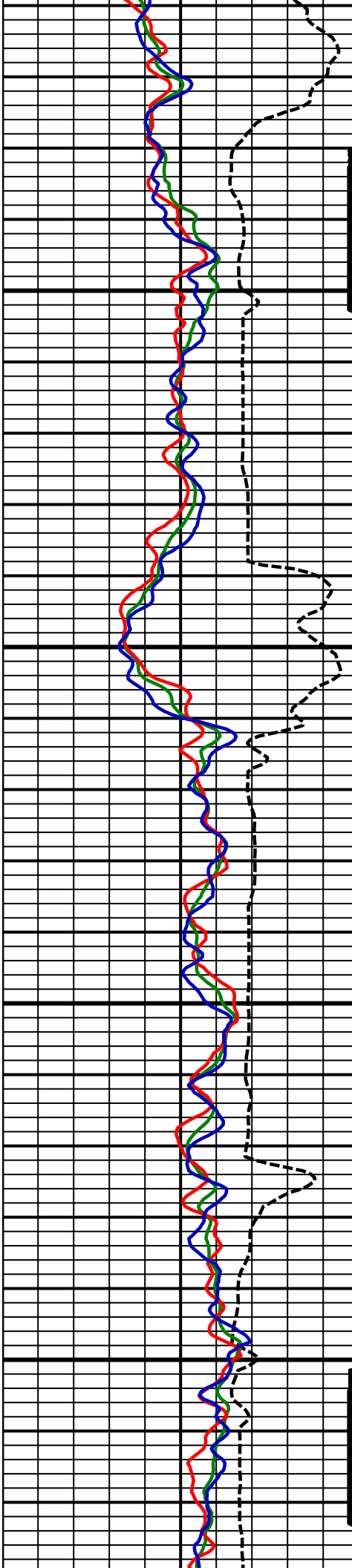
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Comment
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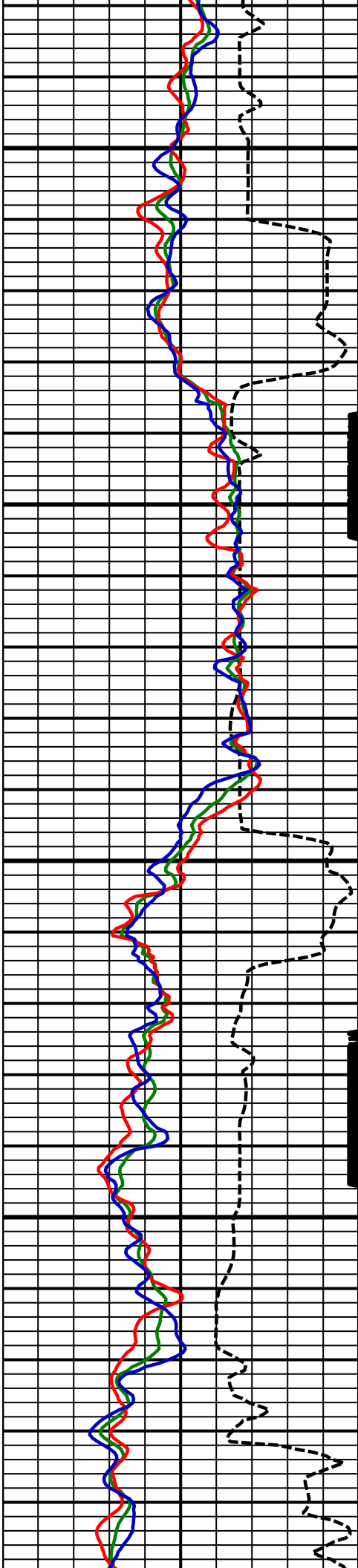
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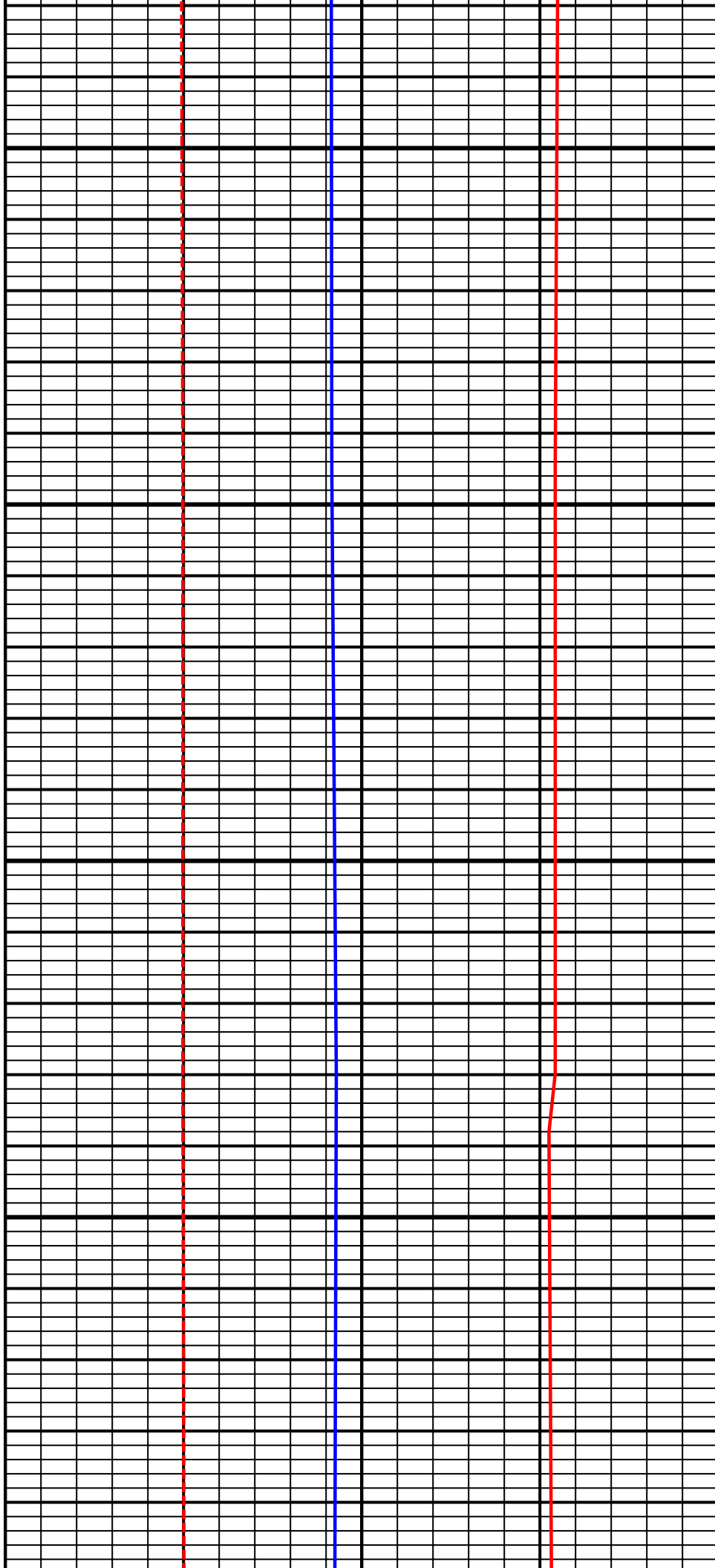
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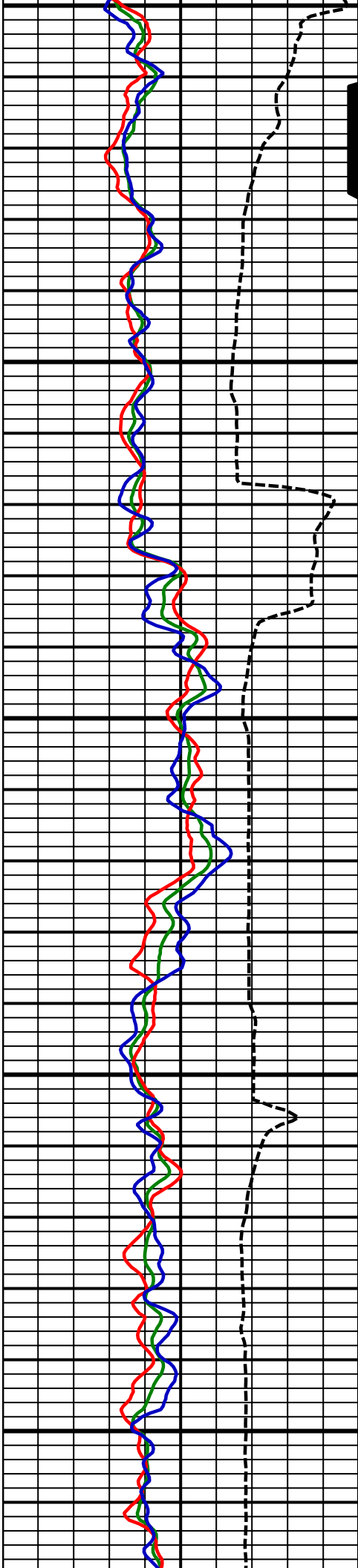


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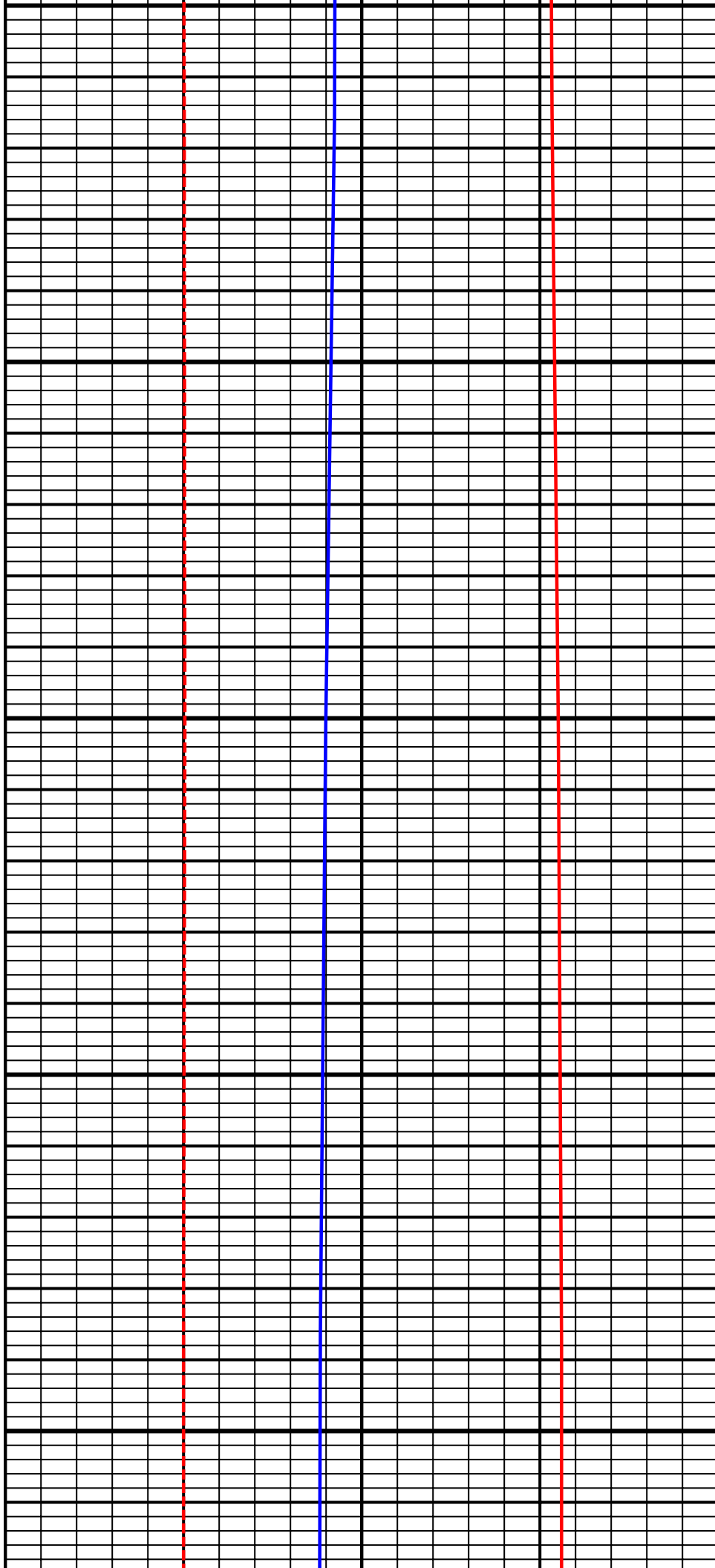


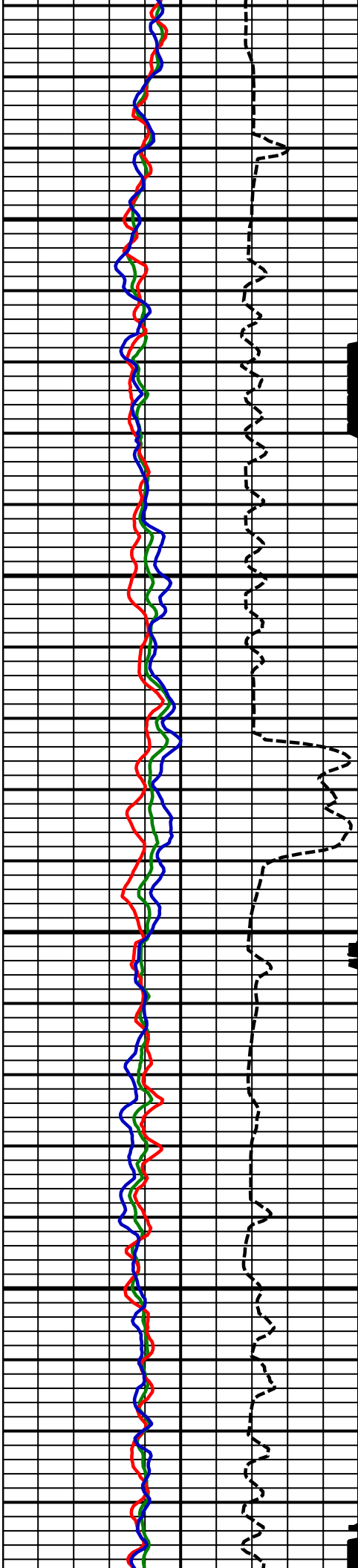


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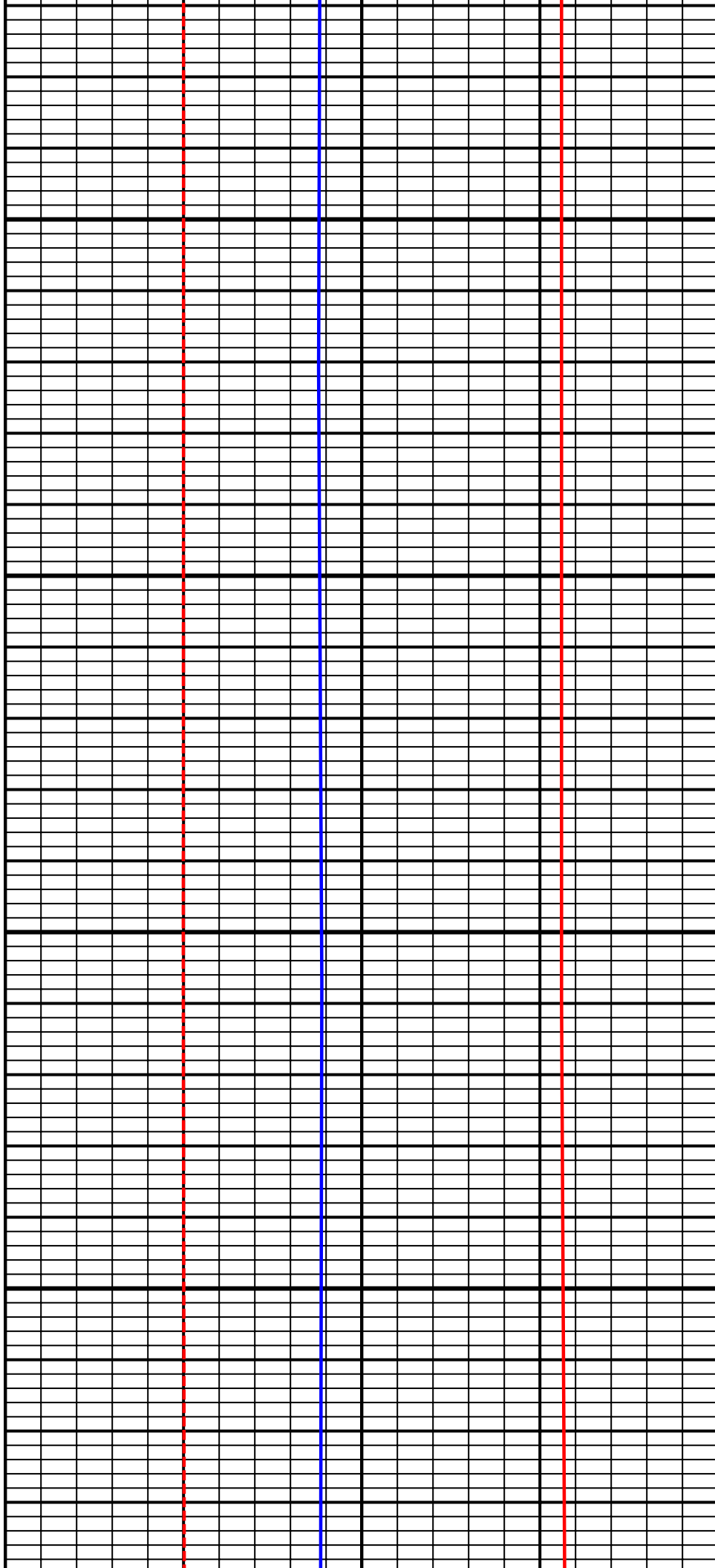
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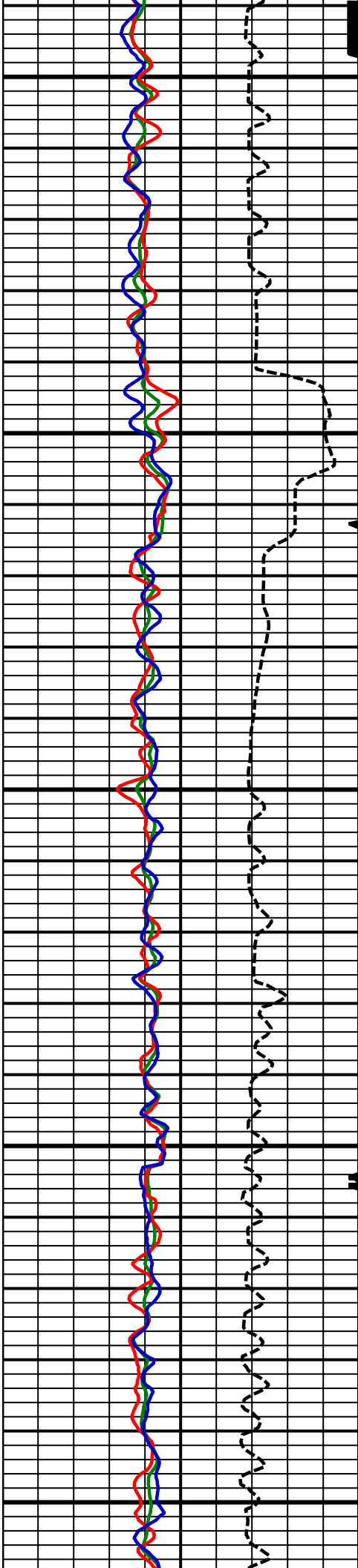




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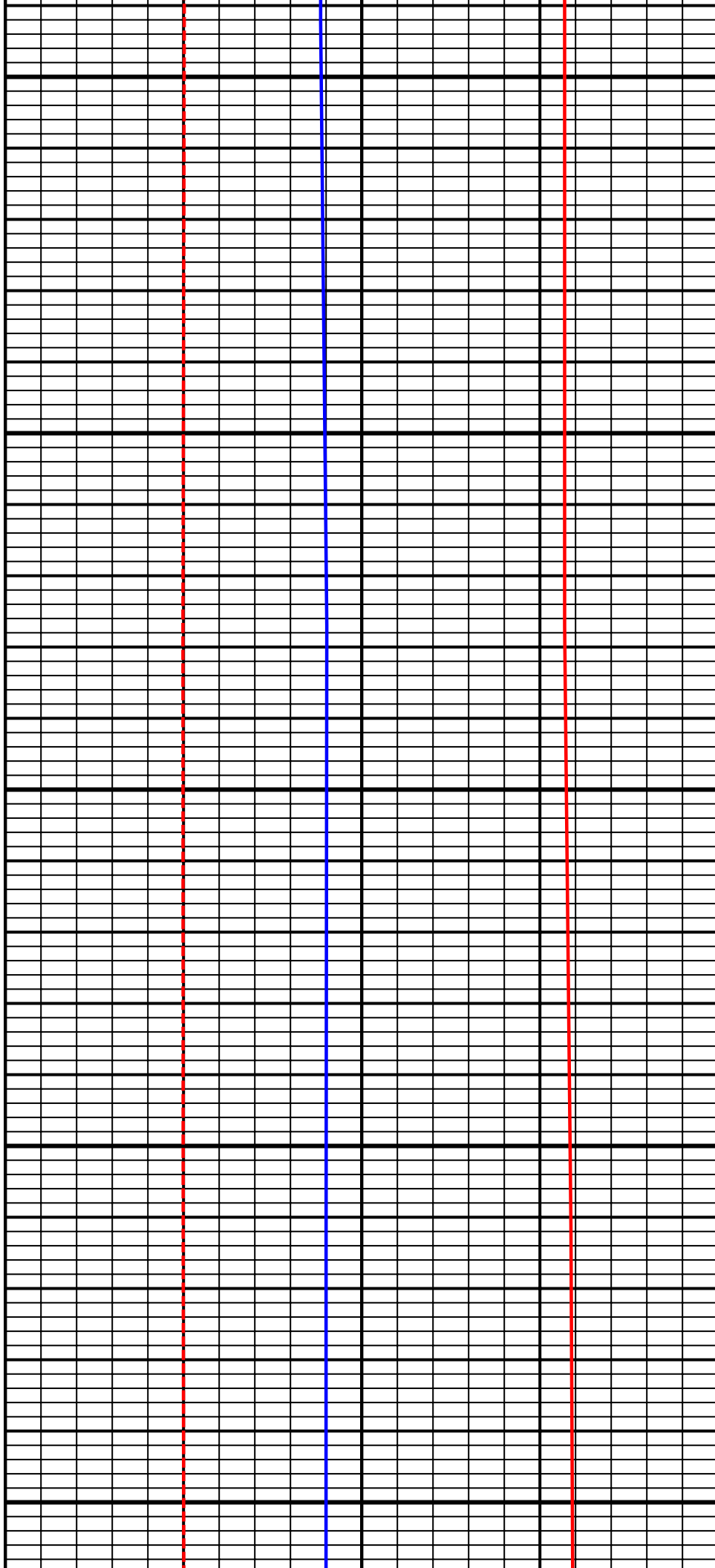
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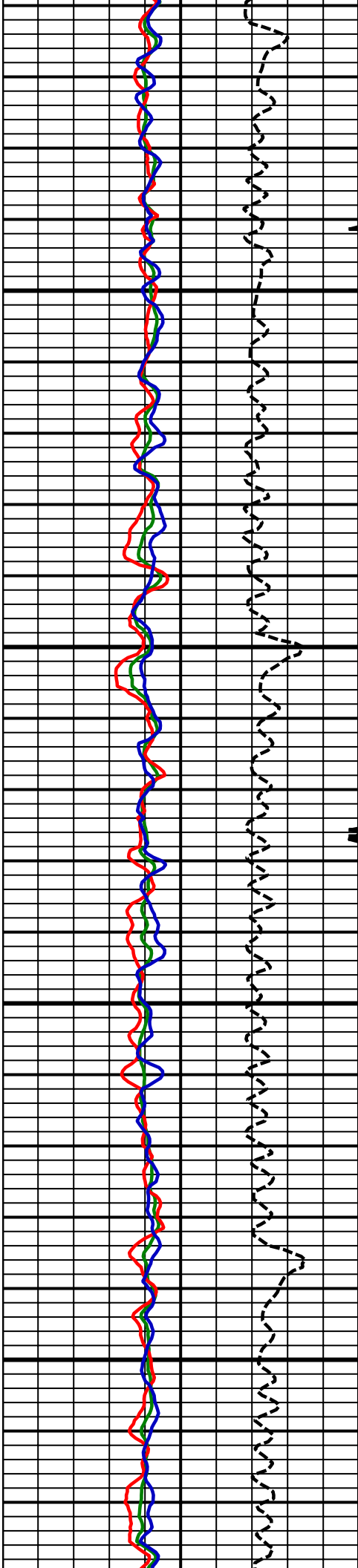




1150
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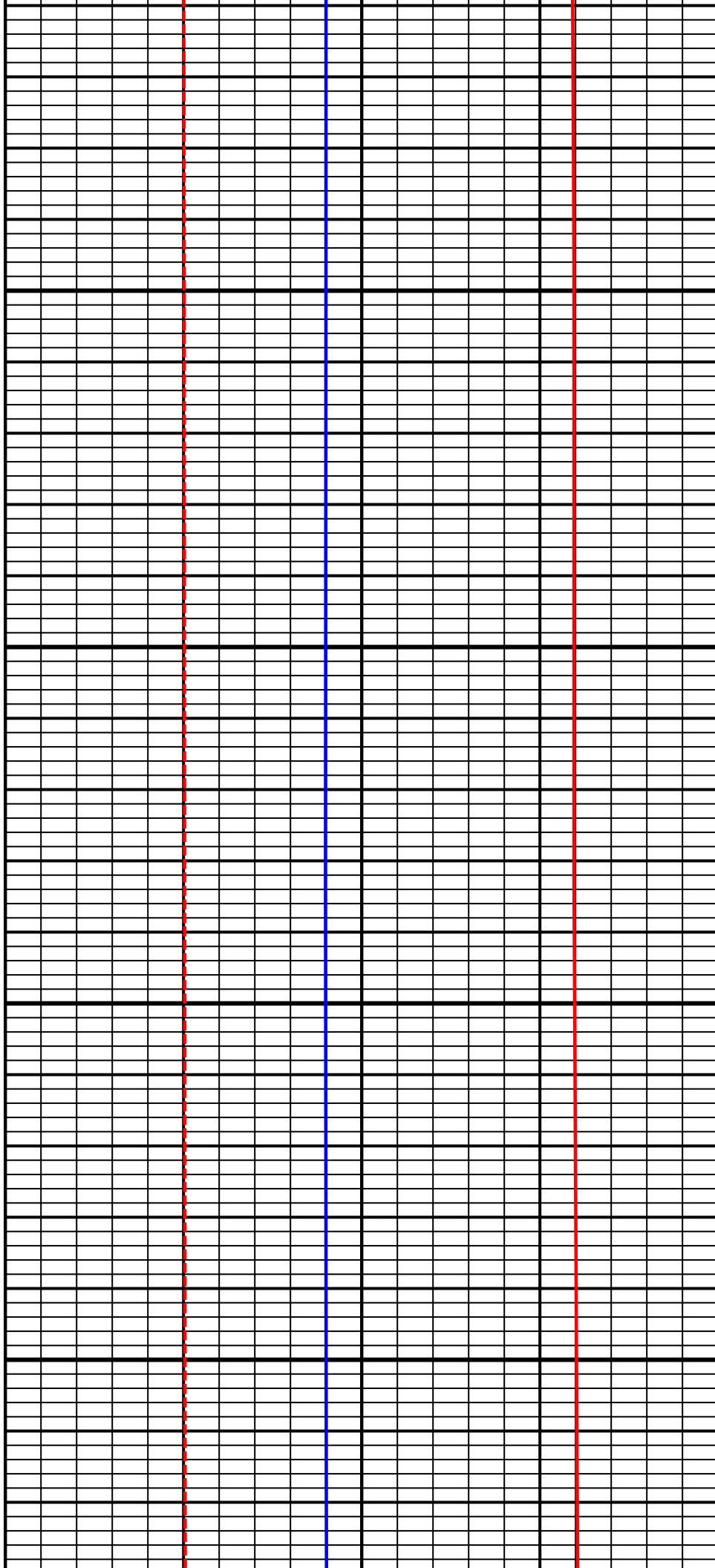
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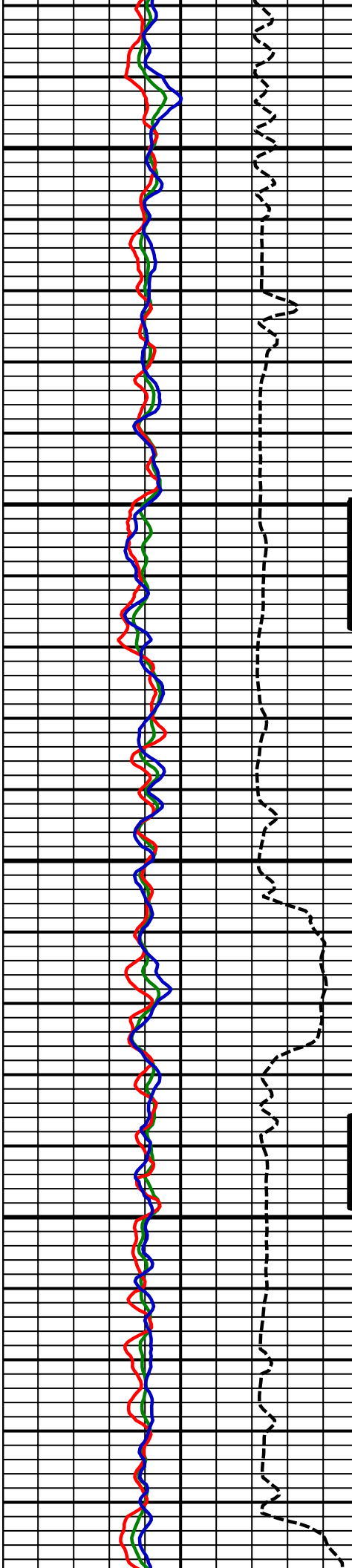




11700
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11800
MD

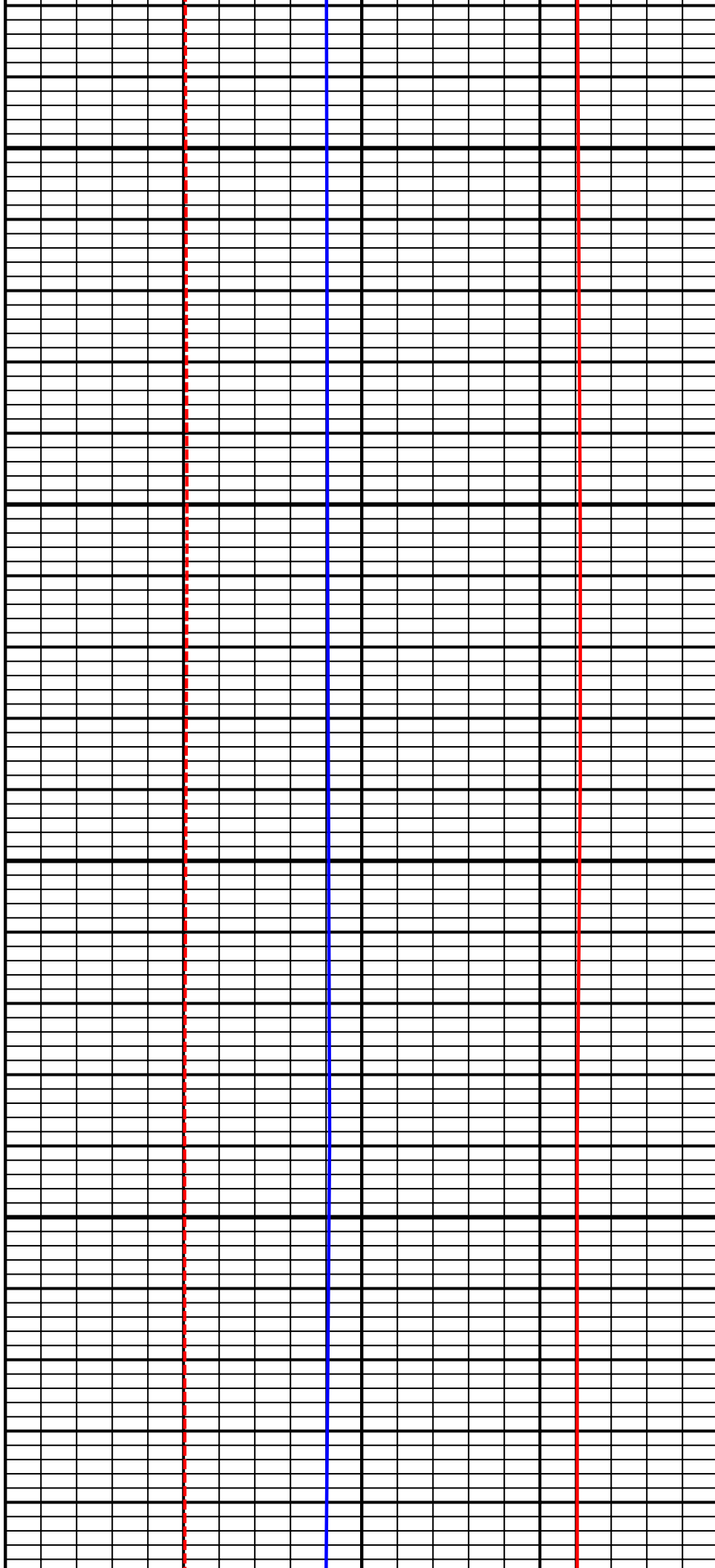


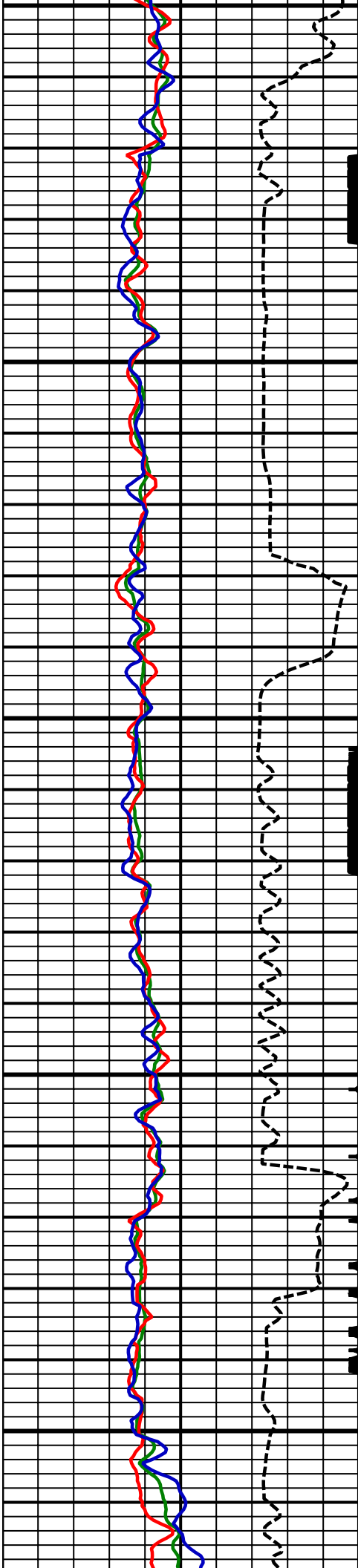


11900
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12000
MD

12100
MD

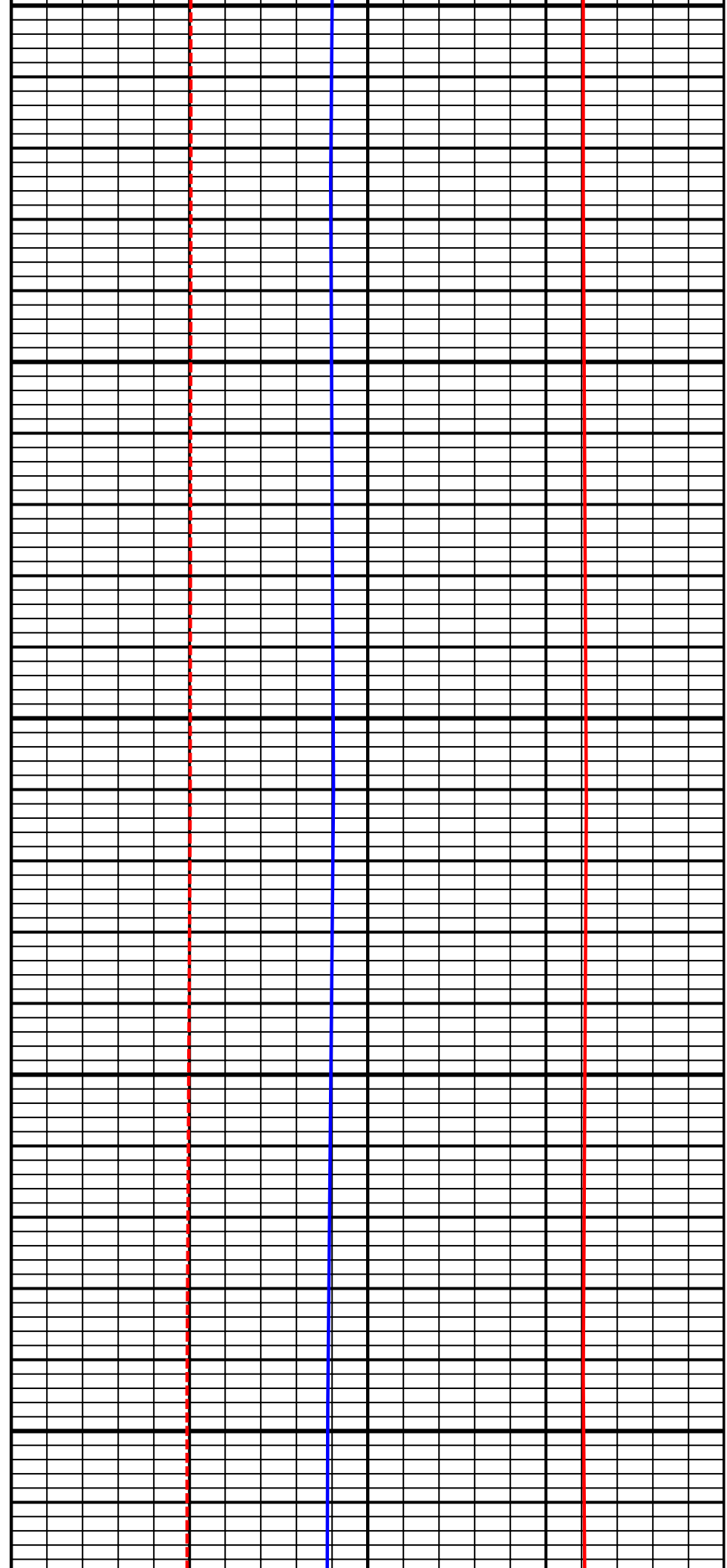


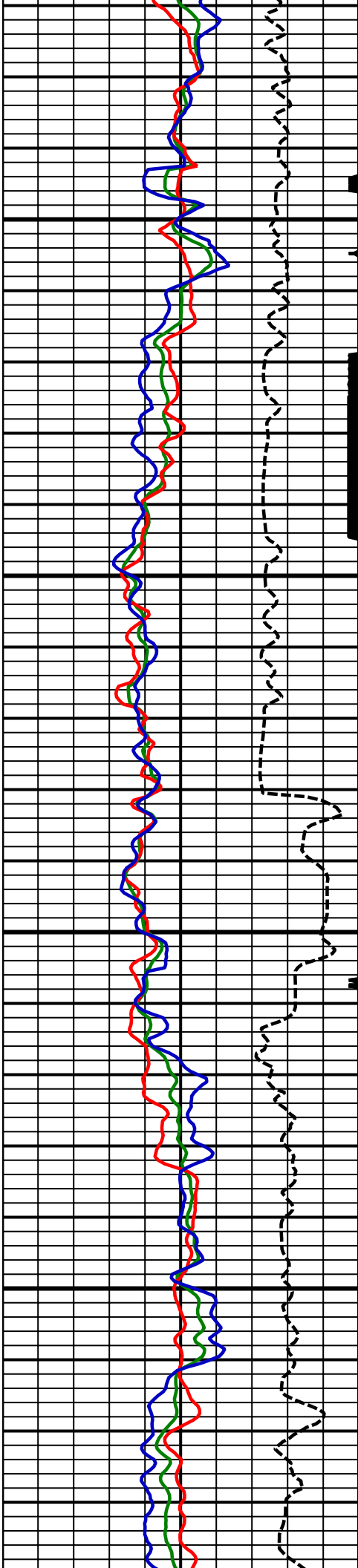


12100
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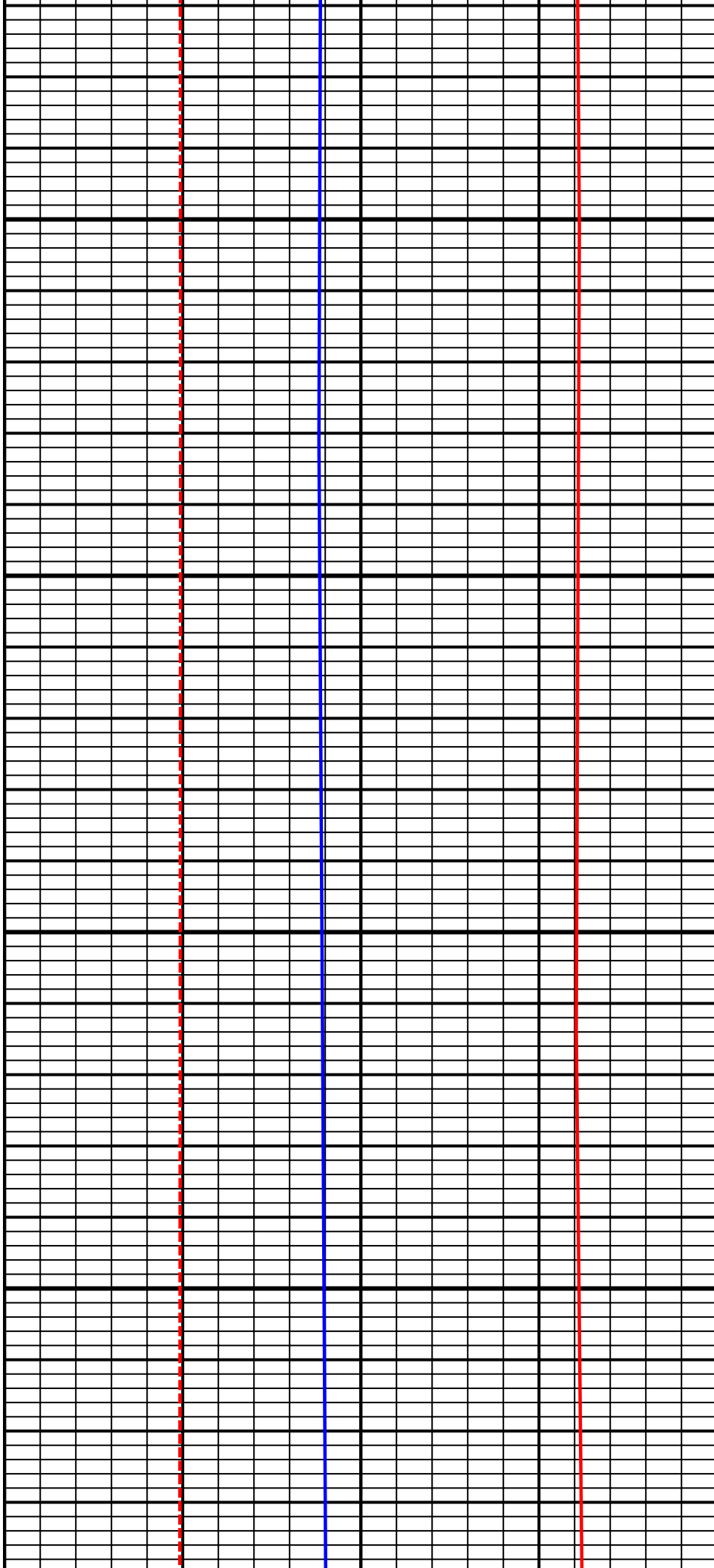
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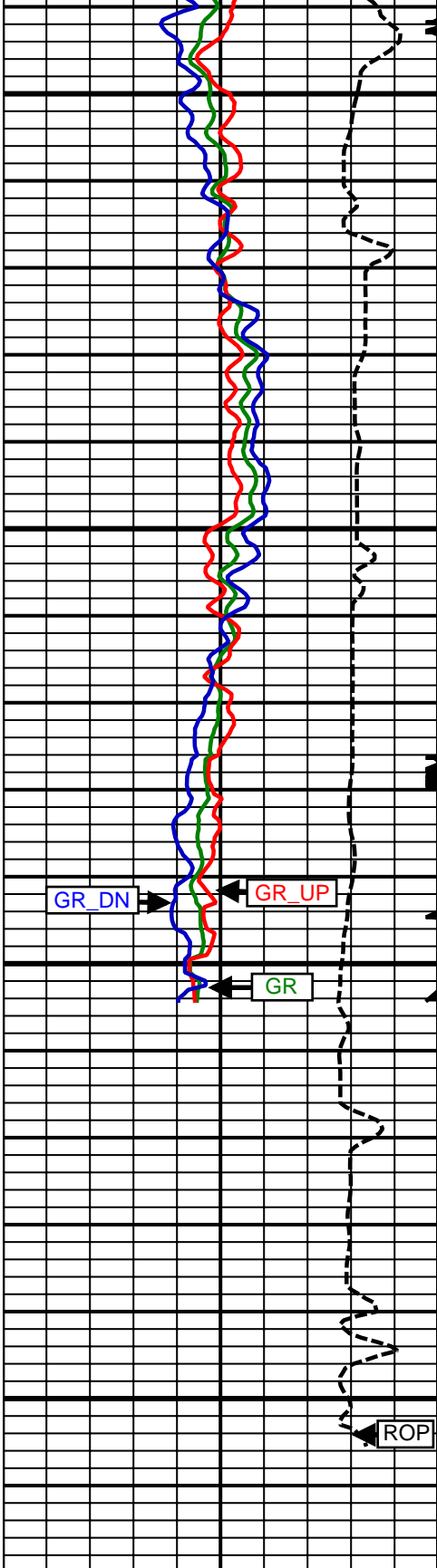




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12500
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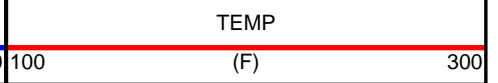
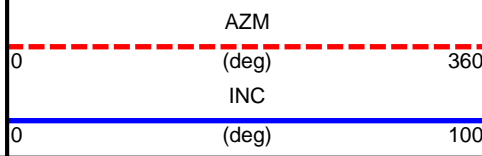
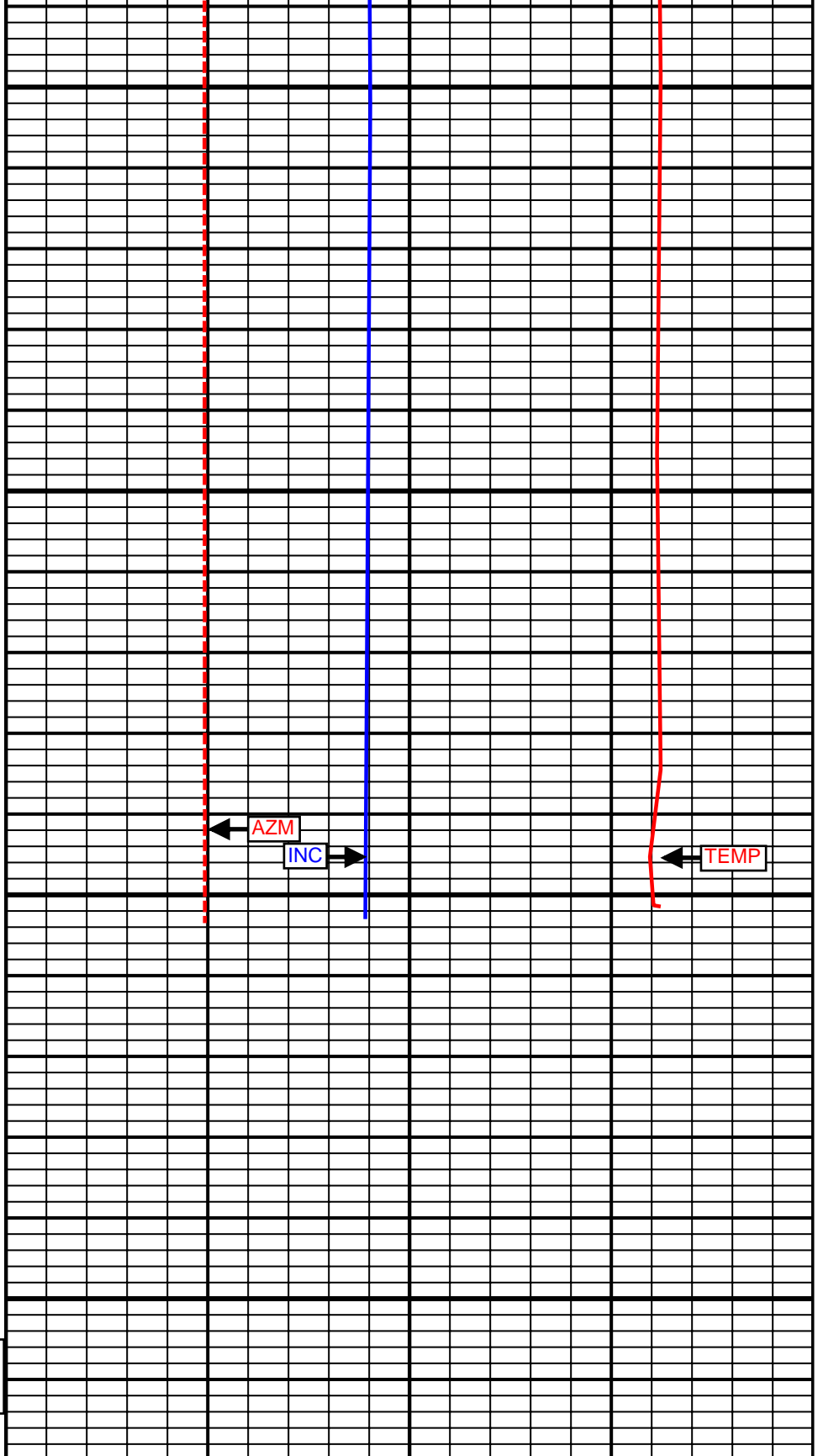
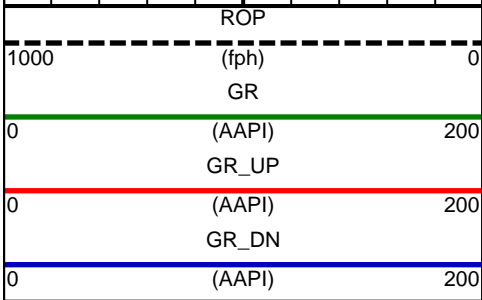




12600
MD

12700
MD

Comment
5-2



SURVEY						
Survey Calculation Method: Minimum Curvature						
Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	179.79 deg	52605 nT	66.63 deg	8.64 deg	0.00 deg	8.64 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	970.00 ft	0.50 deg	336.11 deg	969.99 ft	3.74 ft	1.10 ft

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
1085.00	0.78	325.98	1084.98	4.85	0.46	-4.85	0.26
1179.00	2.48	283.54	1178.94	5.85	-1.88	-5.86	2.10
1273.00	4.45	274.36	1272.77	6.61	-7.49	-6.63	2.17
1367.00	4.15	278.54	1366.50	7.39	-14.49	-7.44	0.46
1461.00	3.68	278.42	1460.28	8.34	-20.84	-8.41	0.50
1555.00	5.08	275.04	1554.01	9.14	-27.97	-9.25	1.51
1680.00	4.84	275.02	1678.54	10.09	-38.73	-10.23	0.19
1805.00	4.61	274.86	1803.11	10.98	-48.99	-11.16	0.18
1929.00	4.44	274.12	1926.73	11.75	-58.74	-11.96	0.14
2024.00	4.18	274.71	2021.46	12.29	-65.86	-12.54	0.28
2115.00	4.90	261.05	2112.17	11.96	-73.01	-12.23	1.42
2206.00	6.95	263.40	2202.68	10.72	-82.32	-11.03	2.27
2297.00	7.97	266.45	2292.91	9.70	-94.08	-10.05	1.20
2388.00	8.71	270.17	2382.95	9.33	-107.27	-9.72	1.01
2480.00	9.41	270.98	2473.80	9.48	-121.76	-9.93	0.77
2572.00	11.26	264.44	2564.31	8.74	-138.22	-9.24	2.38
2665.00	12.57	265.97	2655.30	7.15	-157.35	-7.72	1.45
2757.00	13.59	264.78	2744.92	5.46	-178.10	-6.11	1.15
2850.00	14.46	262.31	2835.14	2.91	-200.49	-3.65	1.14
2943.00	14.85	263.56	2925.12	0.02	-223.84	-0.84	0.54
3036.00	15.21	265.91	3014.94	-2.18	-247.85	1.28	0.76
3130.00	16.12	265.93	3105.44	-3.99	-273.17	2.99	0.97
3223.00	17.79	267.09	3194.40	-5.63	-300.24	4.53	1.83
3316.00	18.73	267.19	3282.72	-7.08	-329.34	5.87	1.01
3410.00	15.76	266.39	3372.48	-8.63	-357.16	7.32	3.17
3504.00	15.30	266.99	3463.05	-10.08	-382.28	8.68	0.52
3597.00	17.37	268.30	3552.29	-11.14	-408.42	9.64	2.26
3690.00	16.89	265.57	3641.16	-12.59	-435.76	11.00	1.01
3784.00	16.61	266.84	3731.18	-14.39	-462.79	12.69	0.49
3869.00	18.52	268.46	3812.21	-15.42	-488.42	13.63	2.32
3955.00	18.77	265.77	3893.70	-16.81	-515.87	14.92	1.04
4040.00	17.17	263.11	3974.55	-19.32	-541.97	17.34	2.12
4126.00	19.10	260.94	4056.28	-23.06	-568.47	20.98	2.38
4211.00	18.17	261.45	4136.82	-27.22	-595.31	25.04	1.11
4297.00	17.49	265.51	4218.69	-30.23	-621.45	27.95	1.65
4382.00	17.63	267.02	4299.73	-31.90	-647.04	29.52	0.56
4468.00	18.23	266.13	4381.55	-33.48	-673.47	31.01	0.77
4553.00	18.50	263.63	4462.22	-35.87	-700.14	33.31	0.98
4638.00	17.23	265.48	4543.13	-38.36	-726.09	35.70	1.64
4724.00	15.84	268.24	4625.57	-39.73	-750.52	36.98	1.86
4809.00	15.13	266.21	4707.48	-40.82	-773.18	37.98	1.05
4895.00	15.09	268.48	4790.51	-41.86	-795.57	38.94	0.69

4980.00	17.78	270.25	4872.03	-42.09	-819.62	39.09	3.22
5065.00	21.24	266.41	4952.14	-43.00	-847.97	39.89	4.34
5151.00	18.53	266.32	5033.01	-44.85	-877.16	41.64	3.15
5236.00	16.49	266.43	5114.06	-46.47	-902.68	43.16	2.40
5322.00	16.83	263.23	5196.45	-48.70	-927.23	45.30	1.14
5407.00	16.07	262.62	5277.97	-51.66	-951.11	48.17	0.92
5492.00	16.33	262.46	5359.60	-54.74	-974.63	51.17	0.31
5578.00	16.78	260.63	5442.04	-58.35	-998.86	54.69	0.80
5663.00	17.34	260.17	5523.29	-62.51	-1023.45	58.76	0.68
5749.00	15.78	261.75	5605.73	-66.37	-1047.65	62.53	1.89
5834.00	15.32	263.03	5687.61	-69.39	-1070.23	65.47	0.68
5919.00	14.20	264.02	5769.81	-71.84	-1091.75	67.84	1.35
6005.00	14.40	265.11	5853.14	-73.85	-1112.90	69.77	0.39
6090.00	13.35	268.95	5935.66	-74.93	-1133.24	70.78	1.64
6176.00	13.05	273.19	6019.39	-74.58	-1152.86	70.35	1.18
6261.00	12.86	272.55	6102.23	-73.62	-1171.89	69.33	0.28
6347.00	12.05	270.88	6186.21	-73.06	-1190.43	68.69	1.03
6432.00	11.98	267.02	6269.35	-73.38	-1208.11	68.95	0.95
6517.00	11.06	262.61	6352.63	-74.89	-1225.01	70.40	1.50
6603.00	9.08	260.46	6437.30	-77.07	-1239.88	72.53	2.34
6688.00	6.47	257.94	6521.52	-79.19	-1251.18	74.60	3.10
6774.00	6.34	254.93	6606.98	-81.43	-1260.50	76.81	0.42
6859.00	5.20	253.31	6691.55	-83.76	-1268.73	79.11	1.35
6944.00	2.45	259.57	6776.35	-85.20	-1274.20	80.52	3.27
7065.00	0.49	329.04	6897.31	-85.22	-1277.01	80.54	1.92
7115.00	0.30	354.00	6947.31	-84.91	-1277.14	80.22	0.50
7200.00	5.52	219.32	7032.18	-87.85	-1279.75	83.16	6.75
7286.00	12.74	201.74	7117.05	-99.88	-1285.90	95.16	8.91
7371.00	20.20	204.72	7198.51	-121.94	-1295.52	117.19	8.83
7456.00	27.92	205.86	7276.06	-153.23	-1310.36	148.43	9.10
7542.00	36.00	197.45	7349.00	-195.55	-1326.75	190.69	10.71
7627.00	48.73	190.11	7411.72	-251.09	-1339.91	246.18	16.05
7713.00	58.09	183.11	7462.96	-319.56	-1347.59	314.62	12.68
7798.00	67.53	177.17	7501.79	-395.04	-1347.61	390.10	12.72
7883.00	75.93	173.45	7528.42	-475.39	-1340.95	470.47	10.72
7945.00	83.76	173.74	7539.34	-535.99	-1334.15	531.10	12.64
8027.00	92.10	174.44	7542.30	-617.43	-1325.72	612.56	10.21
8112.00	90.80	175.58	7540.15	-702.07	-1318.33	697.24	2.03
8198.00	90.99	176.52	7538.81	-787.86	-1312.41	783.04	1.11
8283.00	90.68	178.09	7537.57	-872.75	-1308.41	867.95	1.88
8368.00	90.12	178.87	7536.97	-957.72	-1306.16	952.93	1.13
8454.00	88.68	180.35	7537.87	-1043.71	-1305.57	1038.92	2.40
8539.00	89.63	180.53	7539.13	-1128.70	-1306.23	1123.90	1.14
8625.00	90.00	181.24	7539.41	-1214.68	-1307.55	1209.88	0.93
8710.00	89.75	181.11	7539.59	-1299.67	-1309.30	1294.86	0.33
8795.00	88.46	180.54	7540.92	-1384.65	-1310.52	1379.83	1.66
8881.00	87.71	179.65	7543.79	-1470.60	-1310.66	1465.78	1.35
8966.00	89.12	178.77	7546.14	-1555.55	-1309.49	1550.74	1.96
9052.00	88.40	177.80	7548.00	-1641.49	-1306.92	1636.69	1.40
9137.00	88.77	177.95	7550.10	-1726.41	-1303.77	1721.62	0.47
9223.00	90.62	179.40	7550.56	-1812.38	-1301.78	1807.59	2.73
9308.00	92.04	180.66	7548.59	-1897.35	-1301.82	1892.57	2.23
9393.00	91.91	181.79	7545.66	-1982.28	-1303.64	1977.49	1.34
9479.00	92.04	181.69	7542.70	-2068.19	-1306.25	2063.39	0.19
9564.00	92.28	181.67	7539.49	-2153.09	-1308.74	2148.28	0.28
9650.00	91.42	182.39	7536.72	-2238.99	-1311.79	2234.17	1.30
9735.00	90.06	180.87	7535.62	-2323.95	-1314.20	2319.11	2.40
9820.00	89.81	181.24	7535.71	-2408.93	-1315.77	2404.09	0.53
9906.00	88.89	181.21	7536.69	-2494.90	-1317.61	2490.06	1.07
9991.00	89.01	179.79	7538.25	-2579.88	-1318.35	2575.04	1.68
10077.00	88.71	179.70	7539.96	-2665.87	-1317.97	2661.02	0.36

10162.00	89.63	179.76	7541.19	-2750.86	-1317.56	2746.01	1.08
10247.00	88.46	178.45	7542.61	-2835.83	-1316.24	2830.99	2.07
10333.00	89.08	178.01	7544.45	-2921.77	-1313.58	2916.93	0.88
10418.00	89.88	177.35	7545.22	-3006.69	-1310.14	3001.87	1.22
10503.00	90.06	179.12	7545.27	-3091.65	-1307.52	3086.84	2.09
10588.00	90.43	177.35	7544.90	-3176.61	-1304.91	3171.80	2.13
10674.00	91.66	178.19	7543.34	-3262.52	-1301.56	3257.73	1.73
10759.00	91.42	177.61	7541.05	-3347.44	-1298.45	3342.65	0.74
10845.00	91.60	179.19	7538.79	-3433.37	-1296.05	3428.60	1.85
10930.00	92.84	179.24	7535.49	-3518.30	-1294.88	3513.53	1.46
11016.00	92.34	180.69	7531.61	-3604.21	-1294.83	3599.44	1.78
11101.00	89.88	181.22	7529.96	-3689.17	-1296.25	3684.40	2.96
11186.00	88.40	179.96	7531.24	-3774.15	-1297.12	3769.37	2.29
11271.00	87.90	179.90	7533.98	-3859.11	-1297.02	3854.33	0.59
11357.00	88.77	179.73	7536.48	-3945.07	-1296.74	3940.29	1.03
11442.00	88.46	180.62	7538.53	-4030.04	-1297.00	4025.26	1.11
11527.00	90.19	179.37	7539.53	-4115.03	-1296.99	4110.25	2.51
11612.00	90.00	179.55	7539.39	-4200.03	-1296.19	4195.25	0.31
11698.00	89.94	180.64	7539.44	-4286.03	-1296.33	4281.25	1.27
11783.00	89.81	181.07	7539.62	-4371.02	-1297.60	4366.23	0.53
11869.00	90.06	181.55	7539.72	-4457.00	-1299.57	4452.20	0.63
11954.00	90.37	183.44	7539.40	-4541.91	-1303.27	4537.10	2.25
12039.00	90.99	181.04	7538.39	-4626.83	-1306.59	4622.01	2.92
12125.00	89.57	181.44	7537.97	-4712.81	-1308.45	4707.98	1.72
12210.00	90.37	180.63	7538.02	-4797.79	-1309.99	4792.96	1.34
12296.00	88.77	177.47	7538.66	-4883.77	-1308.56	4878.94	4.12
12381.00	88.21	177.83	7540.90	-4968.67	-1305.08	4963.85	0.78
12466.00	89.26	177.39	7542.78	-5053.57	-1301.53	5048.76	1.34
12552.00	90.25	176.92	7543.15	-5139.46	-1297.26	5134.67	1.27
12653.00	89.01	177.25	7543.80	-5240.33	-1292.13	5235.55	1.27
Projected to Total Depth:							
12705.00	89.01	177.25	7544.70	-5292.26	-1289.63	5287.50	0.00

Weatherford surveys from 1085 ft MD to 12653 ft MD.

Well TD'd at 12705 ft MD.

The total correction is 8.64 deg relative to True North.



Weatherford®

Final Print

COMPANY	<u>Anadarko Petroleum Corp.</u>		
WELL	<u>D&C Farms 34N-33HZ</u>		
FIELD	<u>Wattenberg</u>		
RIG	<u>Xtreme 23</u>		
LOC.	<u>Colorado</u>	COUNTY	<u>Weld</u>