



Temperature Log CCL

Company URSA OPERATING COMPANY LLC.
Well MCLIN B6
Field KOKOPELLI
County GARFIELD State COLORADO

Location: SURFACE 1285' FHL AND 406' FEL
BOTTOM 685' FHL AND 742' FHL
SEC. 13 TWP. 06S RGE. 92W
Permanent Datum GROUND LEVEL Elevation 5600'
Log Measured From KELLY BUSHING = 15.5'
Drilling Measured From KELLY BUSHING
Other Services NONE
Elevation K.B. 5615.5'
D.F. 5614.5'
G.L. 5600'

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Date 22 OCT 2014

Run Number	ONE		
Depth Driller	7165'		
Depth Logger	7094'		
Bottom Logged Interval	7094'		
Top Log Interval	SURFACE		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	~8.34#/GAL		
Max. Recorded Temp.	188.8°F		
Estimated Cement Top	SEE LOG		
Time Well Ready	09:00		
Time Logger on Bottom	11:00		
Equipment Number	058		
Location	GRAND JUNCTION		
Recorded By	J. ARFSTEN		
Witnessed By	N. GILL		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	24"	0'	60'				
TWO	12.250"	60'	1000'				
THREE	7.875"	1000'	7155'				

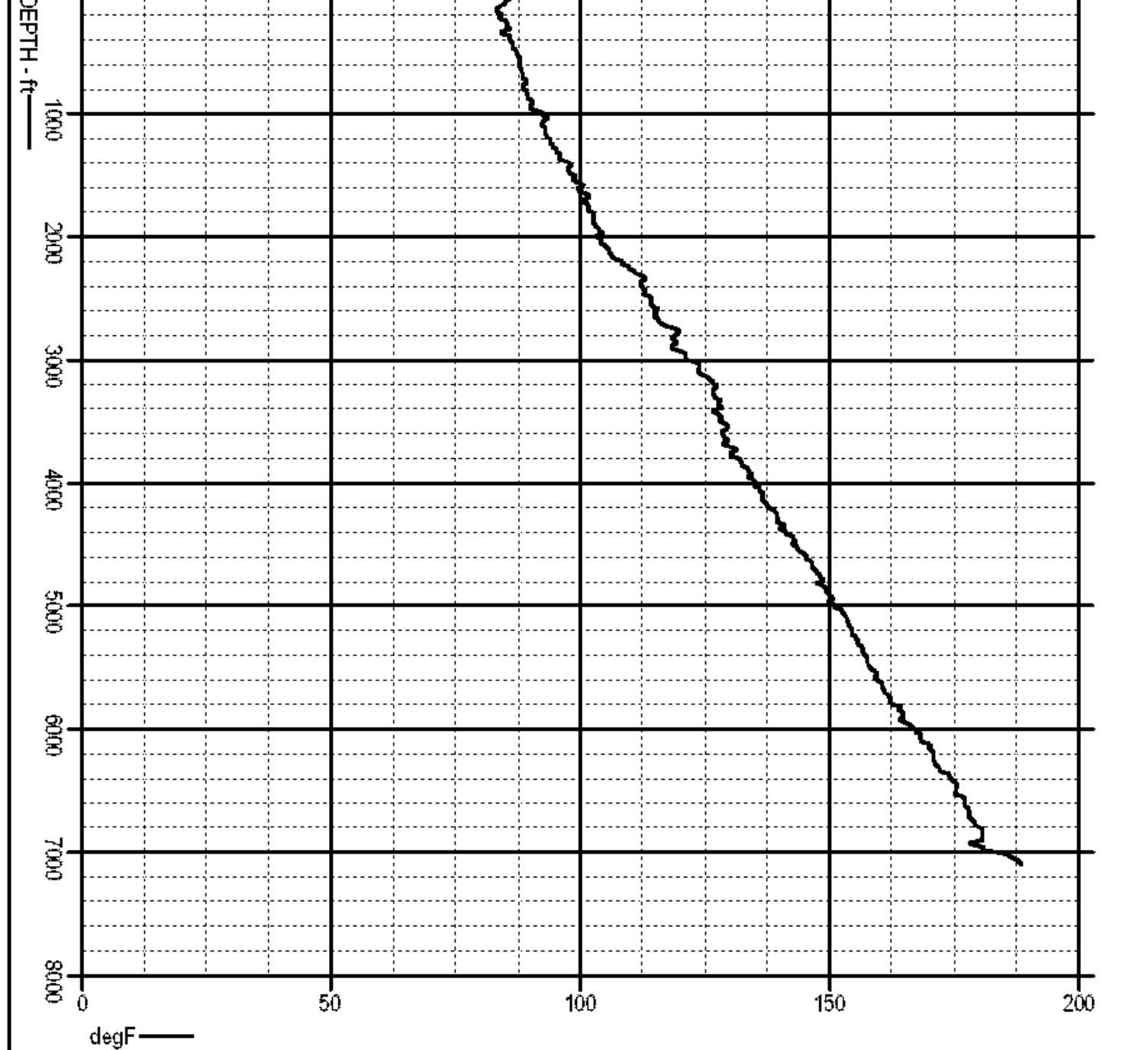
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24/32#	0'	1000'
Prot. String				
Production String	4.500"	13.5#	0'	7126'
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG WAS CORRELATED TO KELLY BUSHING
LOG WAS RUN APPROXIMATELY 8 HRS AFTER CEMENT JOB
CUSTOMER REPORTED 20 BBLs OF SPACER RETURNED OUT OF 30 BBLs

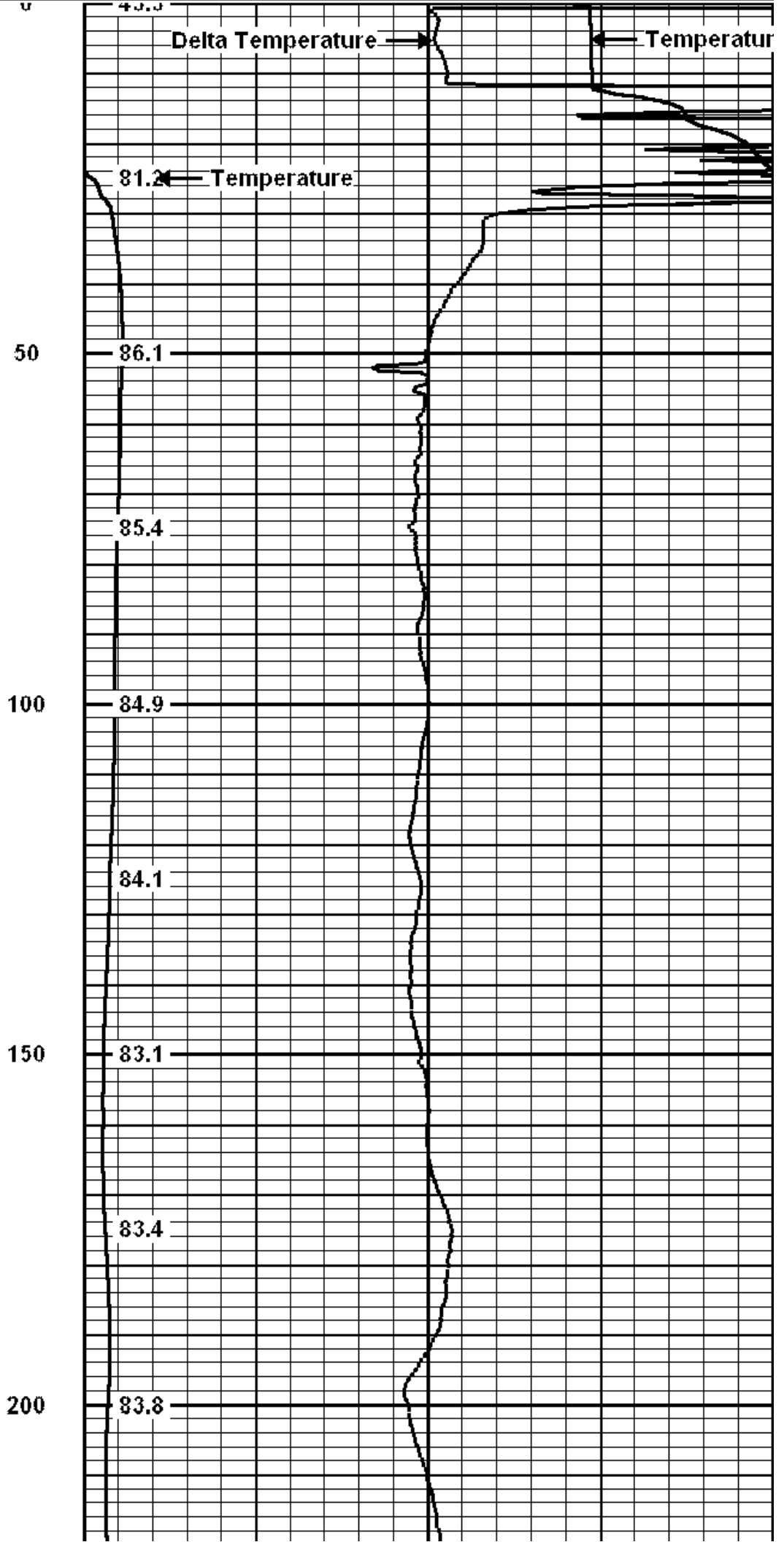
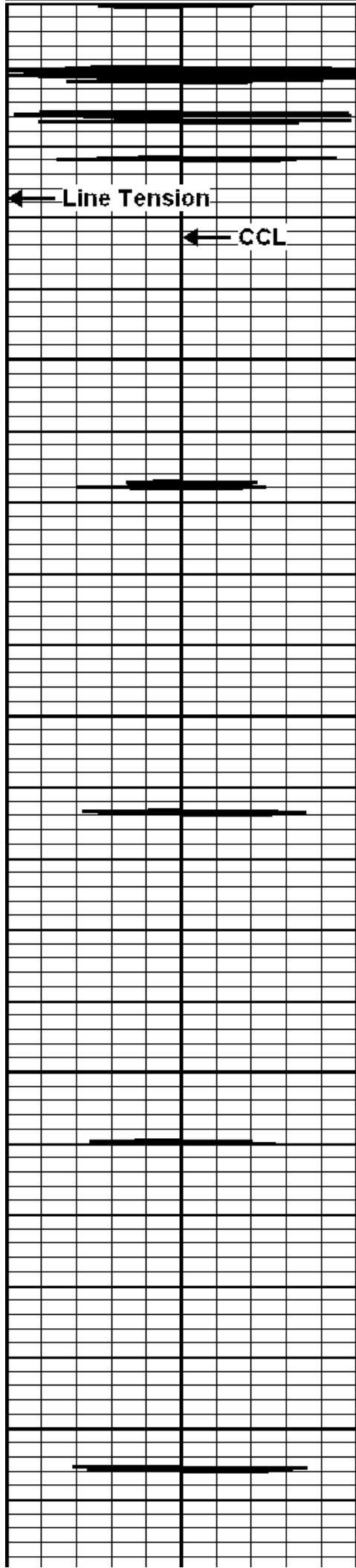


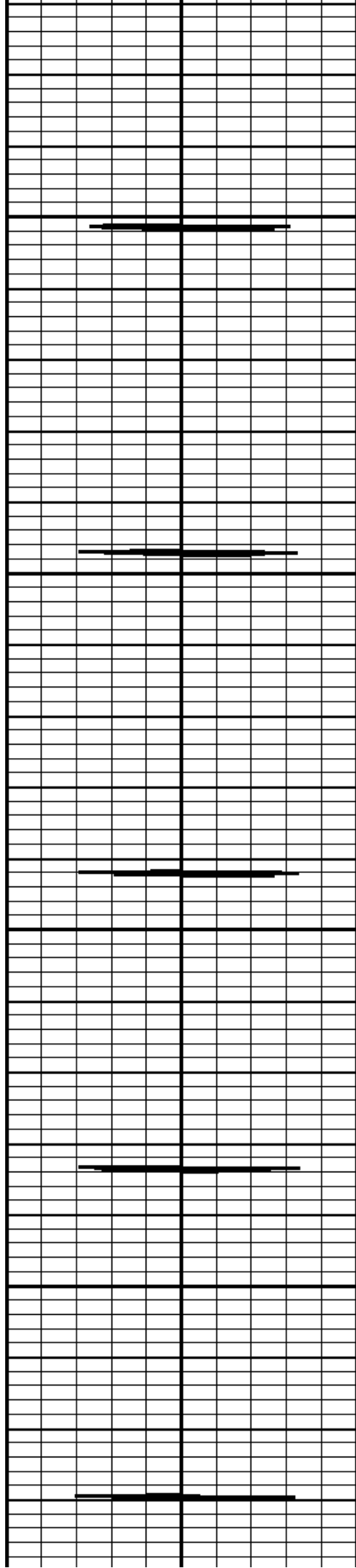
MAIN PASS

Database File: mclinb6_temp.db
Dataset Pathname: pass2
Presentation Format: temp
Dataset Creation: Wed Oct 22 09:35:40 2014 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

-5	CCL	5
0	LTEN (lb)	5000

80	TEMP (degF)	190
-1	DTMP (degF)	1
TEMP (degF)		



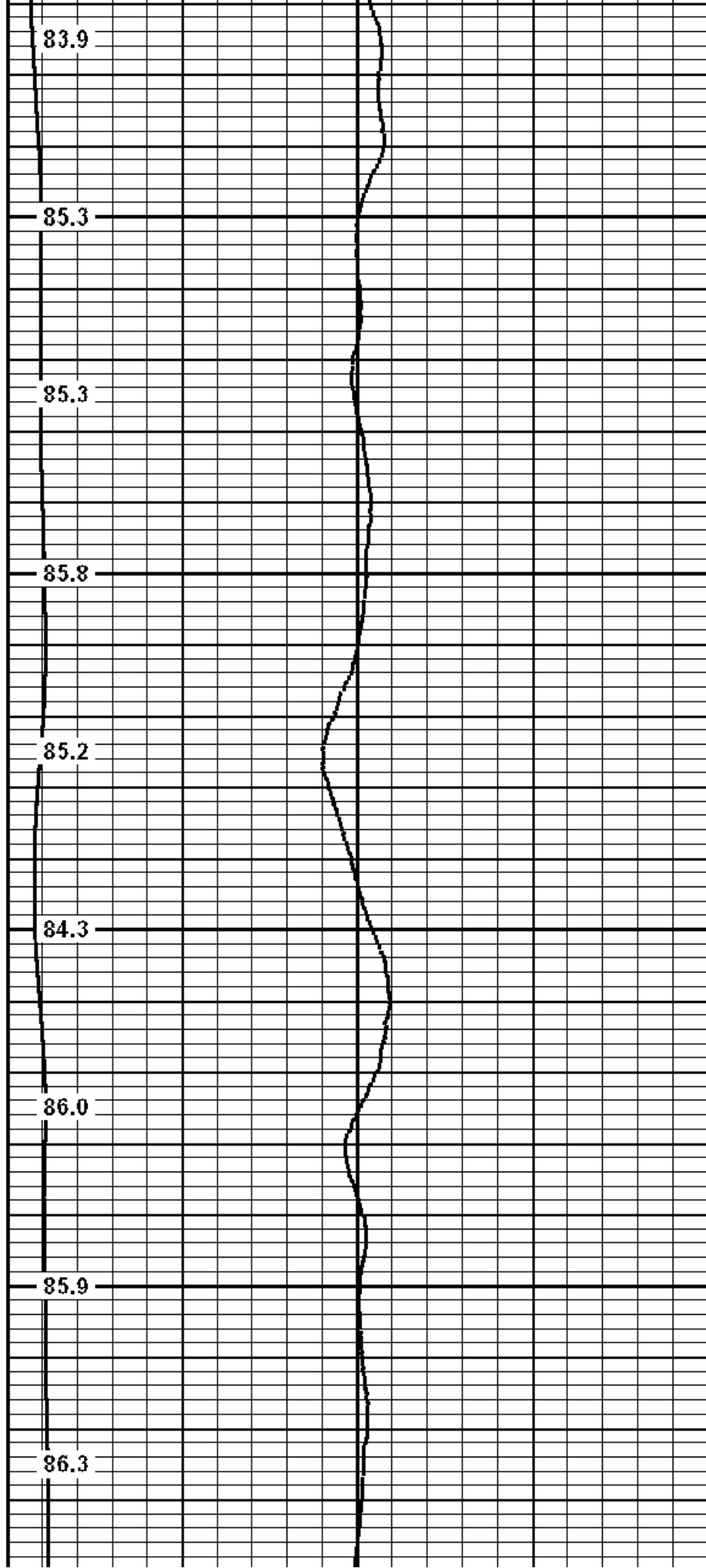


250

300

350

400



83.9

85.3

85.3

85.8

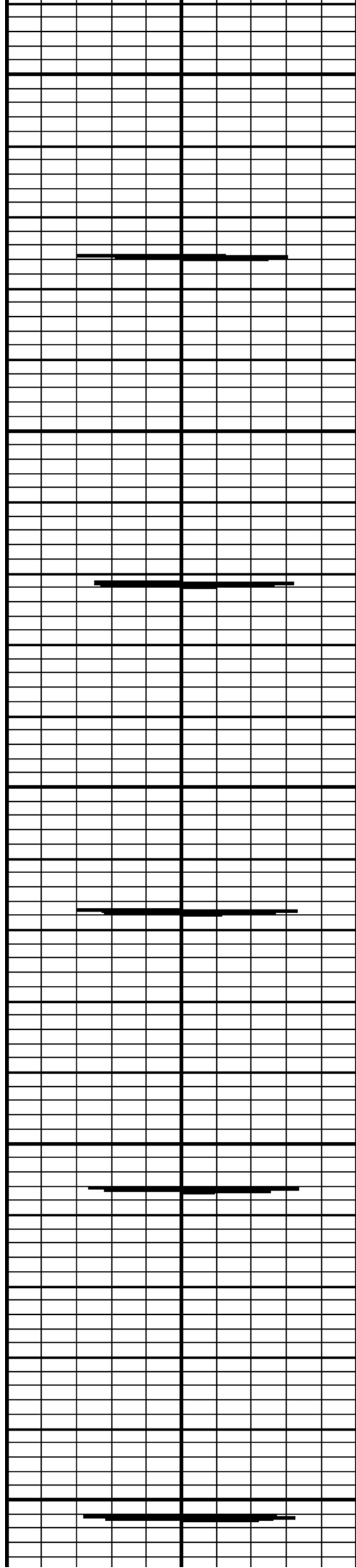
85.2

84.3

86.0

85.9

86.3



450

500

550

600

650

86.4

86.8

87.1

87.4

87.8

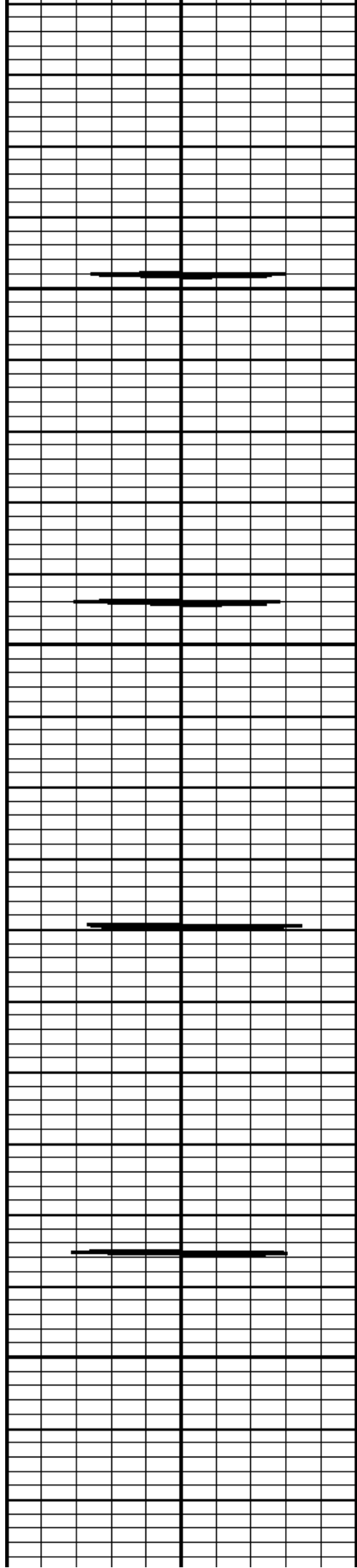
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87.6

88.1

88.1



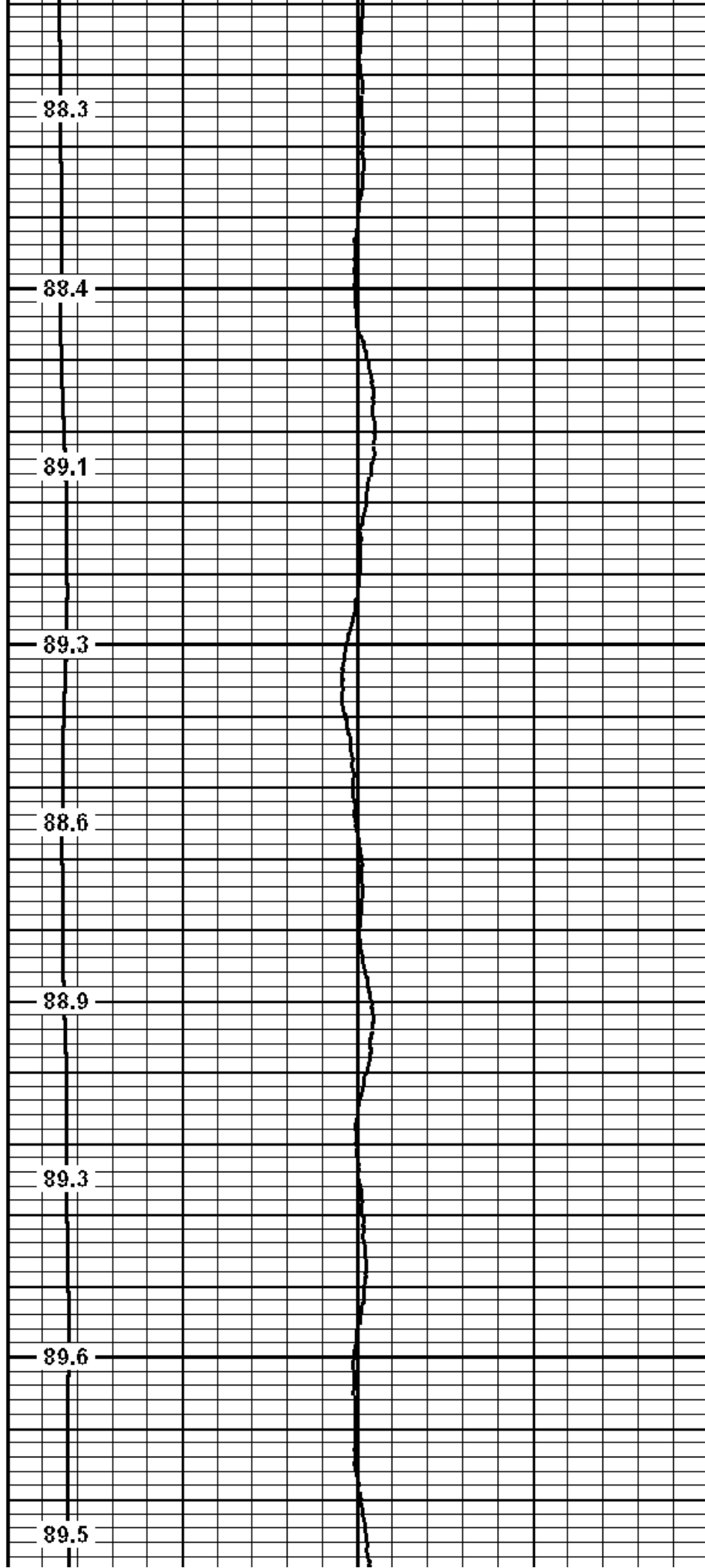


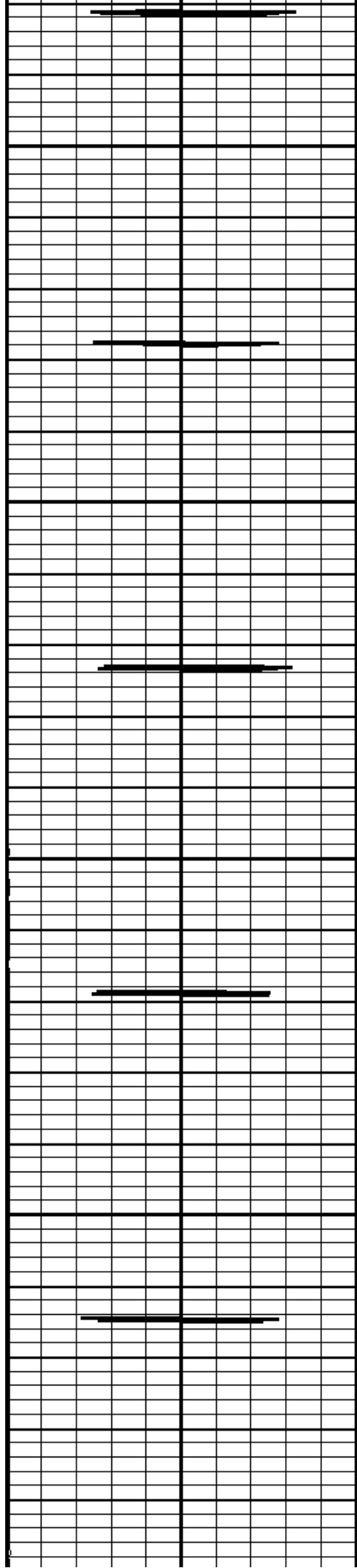
700

750

800

850





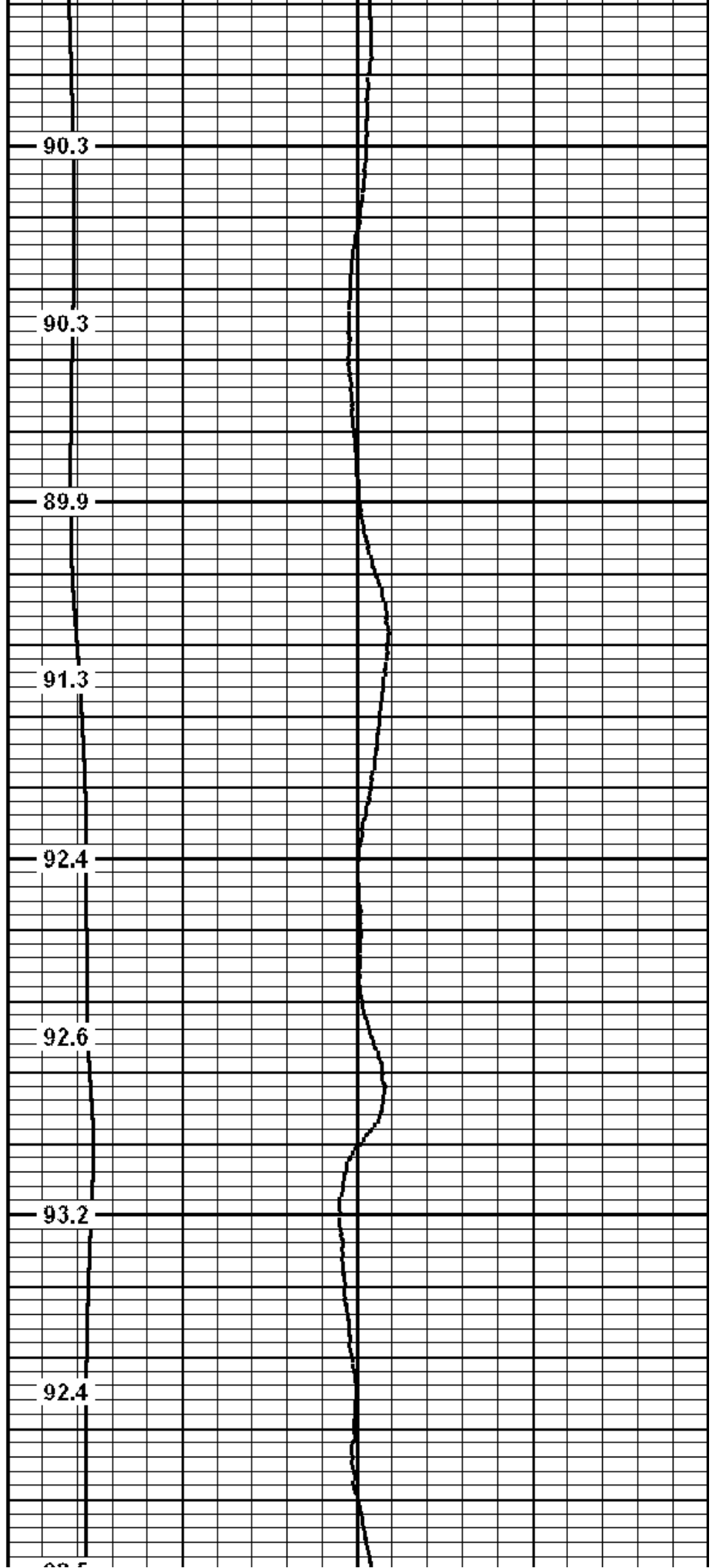
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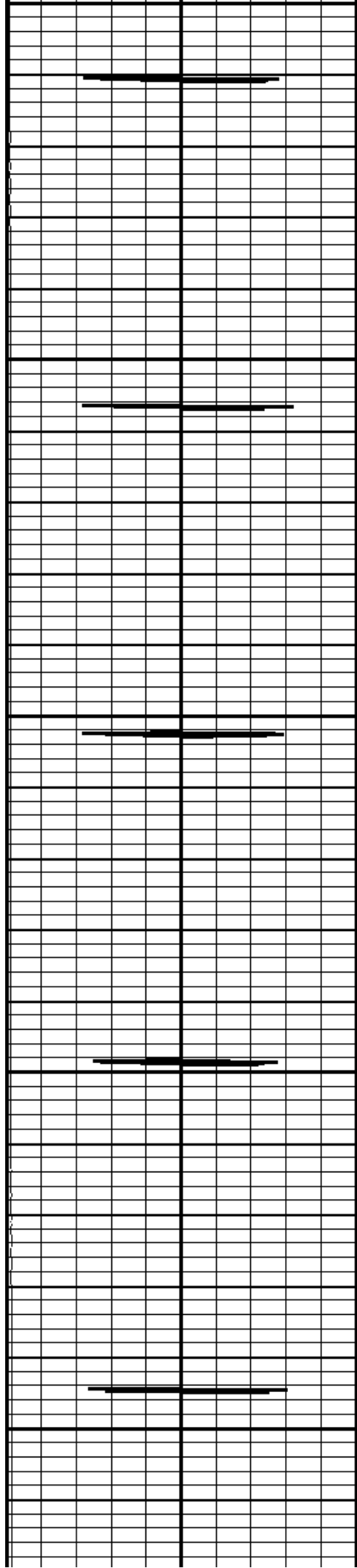
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1000

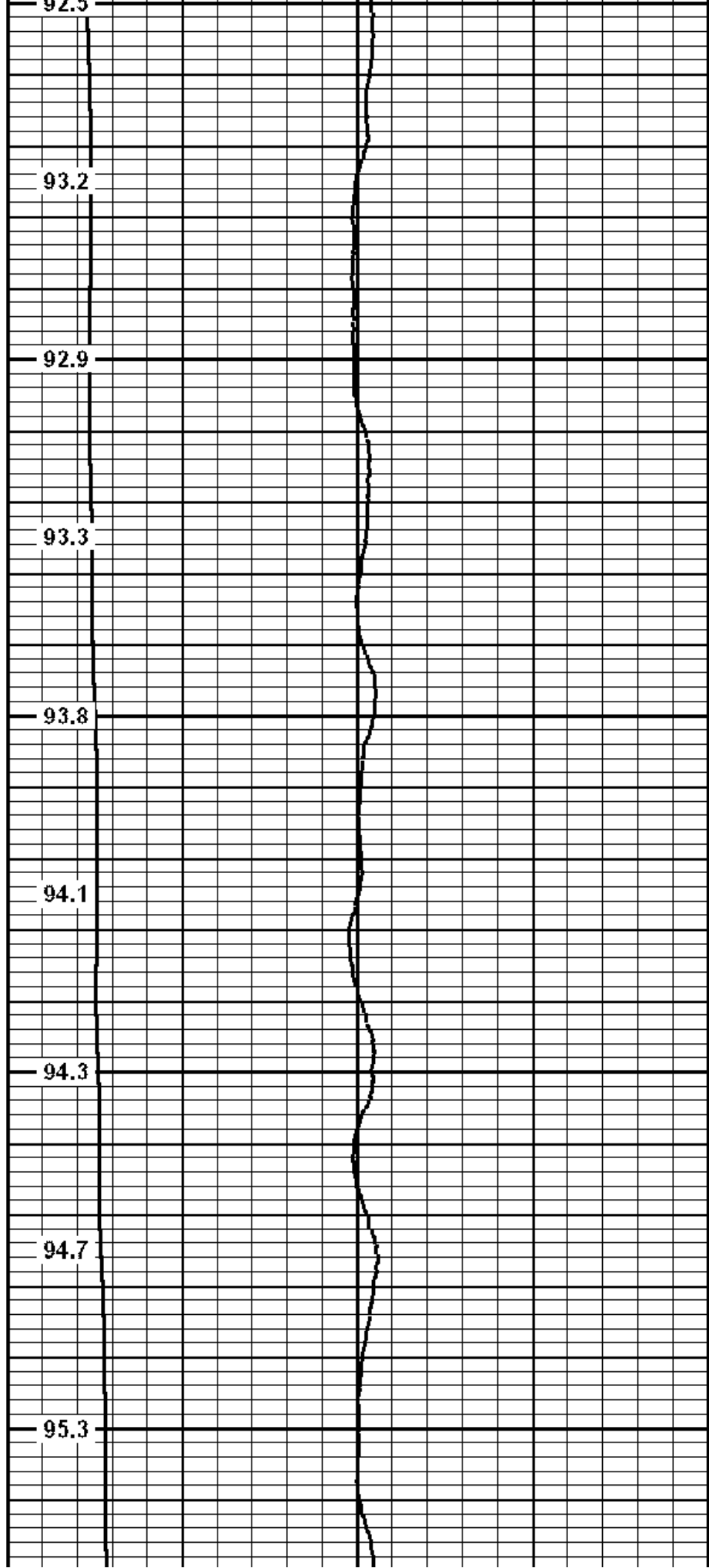
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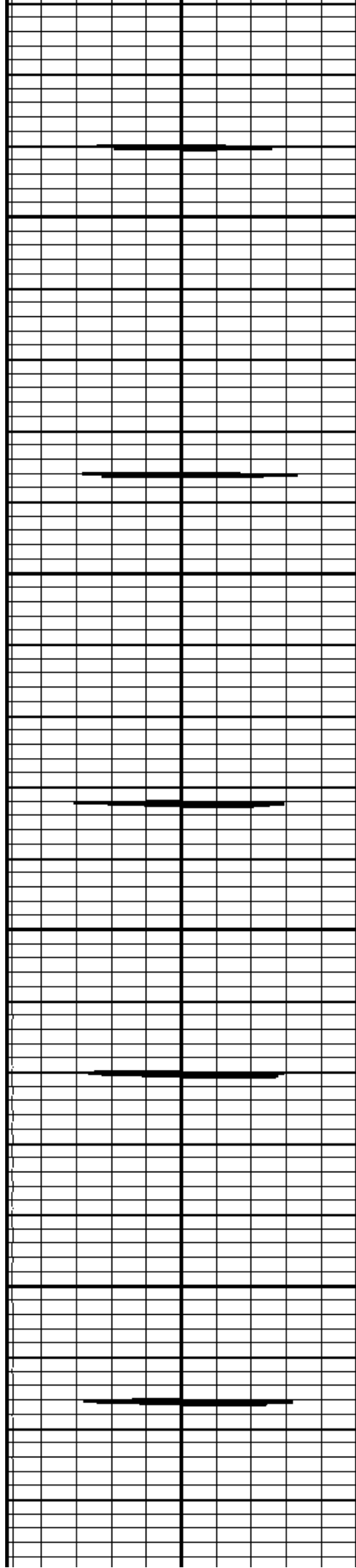
1100





1100
1150
1200
1250
1300



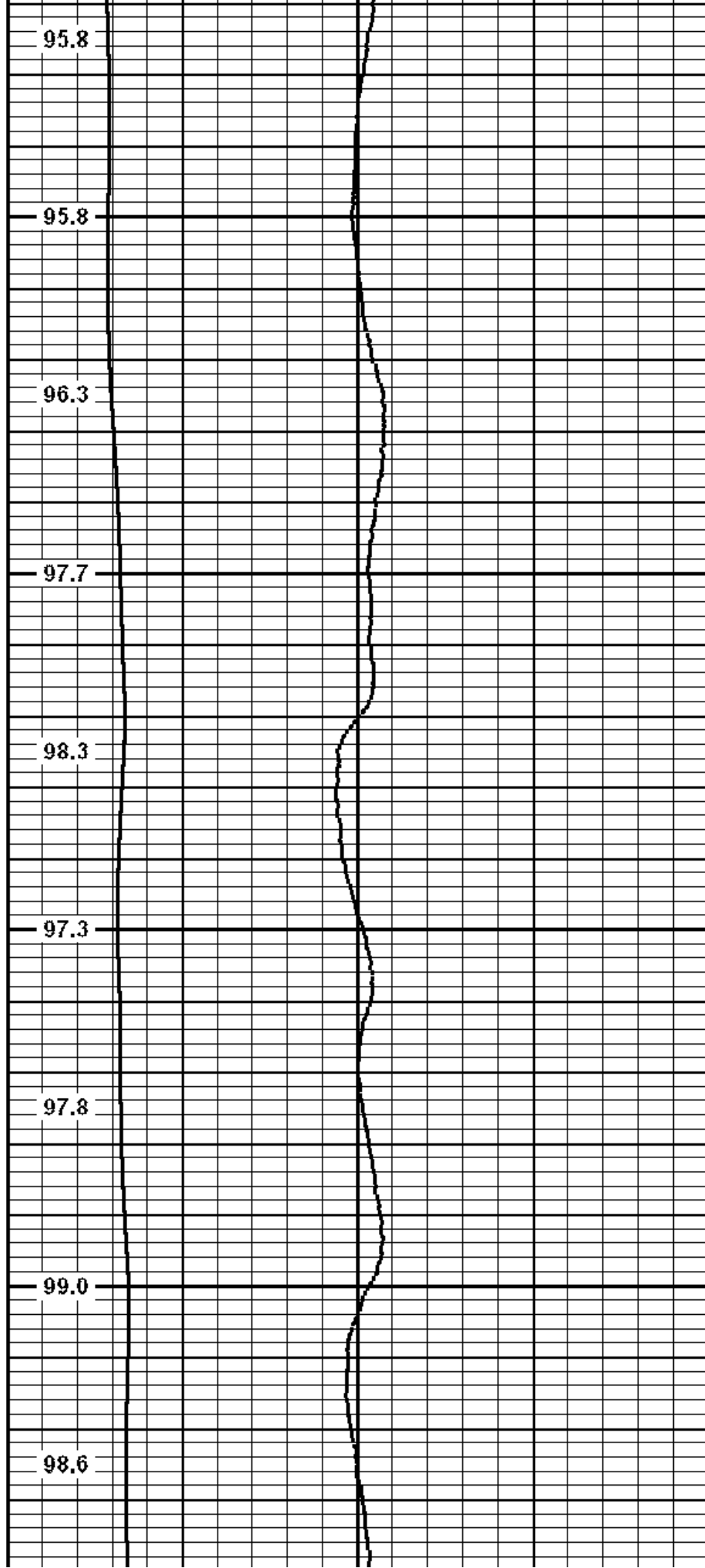


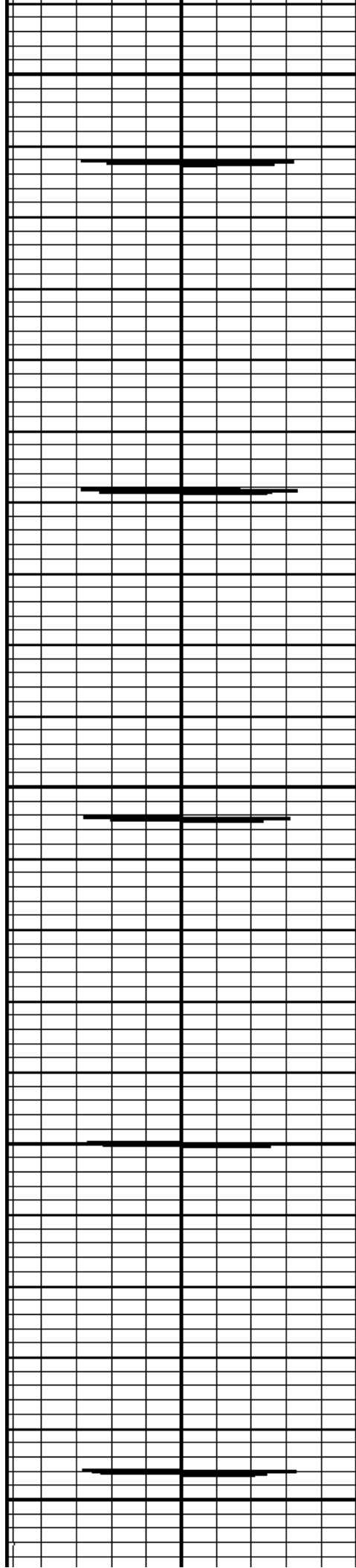
1350

1400

1450

1500





1550

1600

1650

1700

1750

99.3

100.3

100.2

99.7

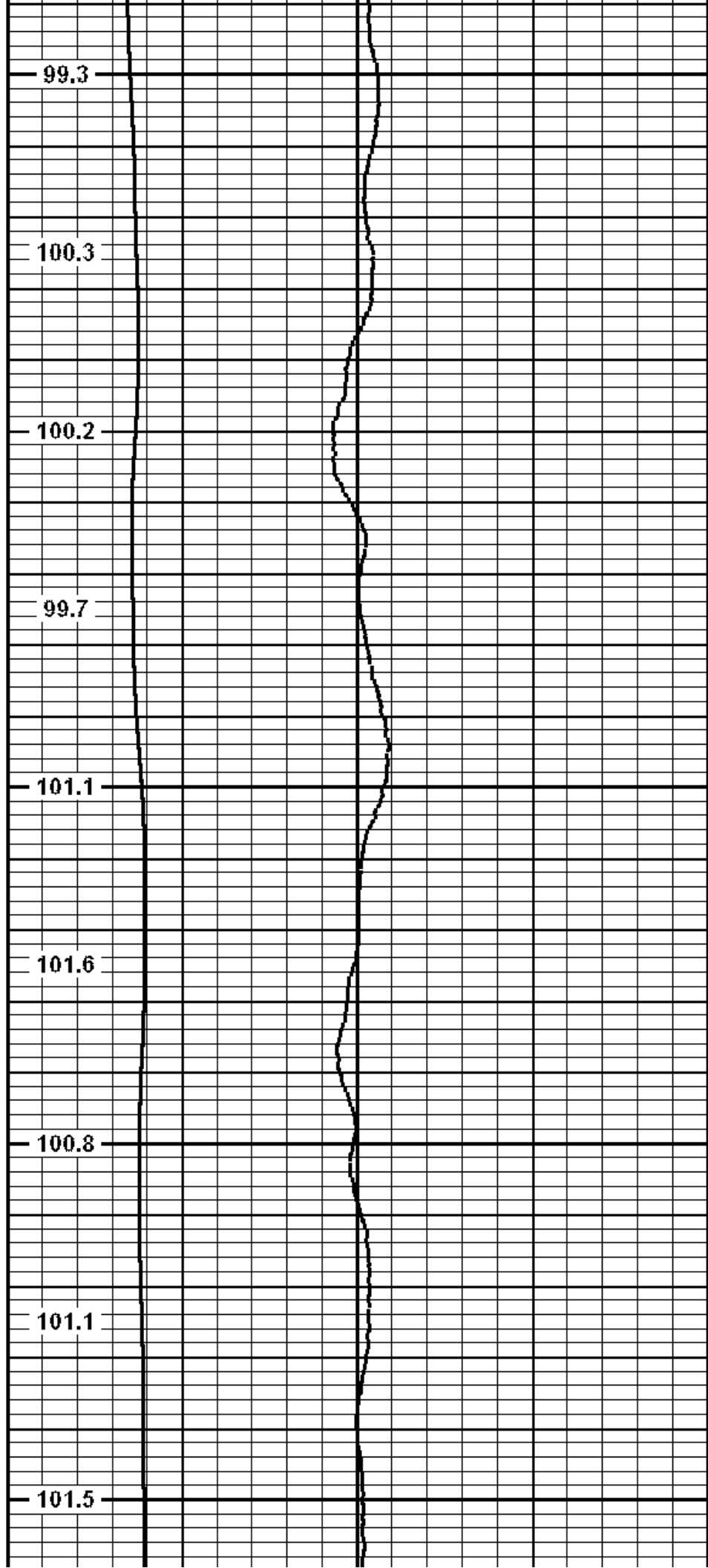
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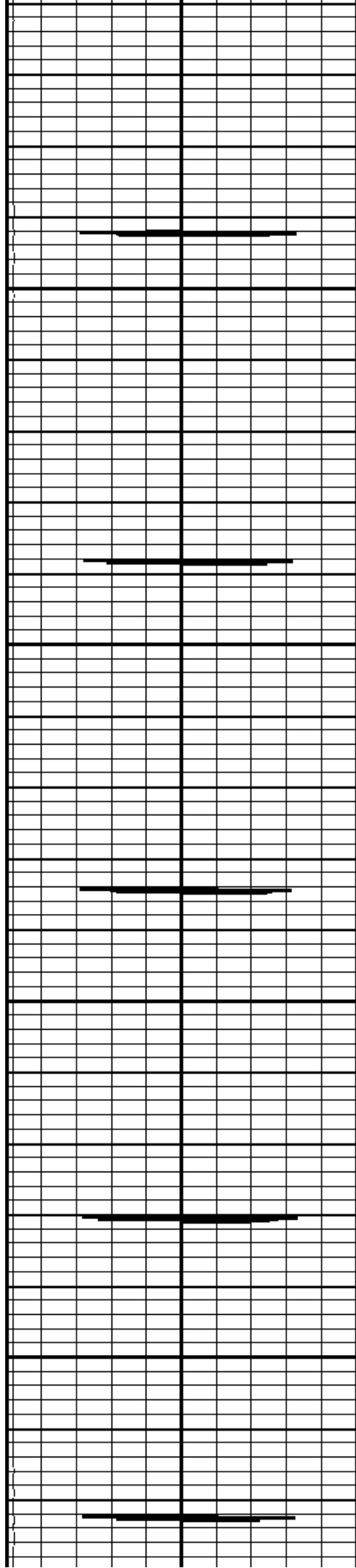
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100.8

101.1

101.5



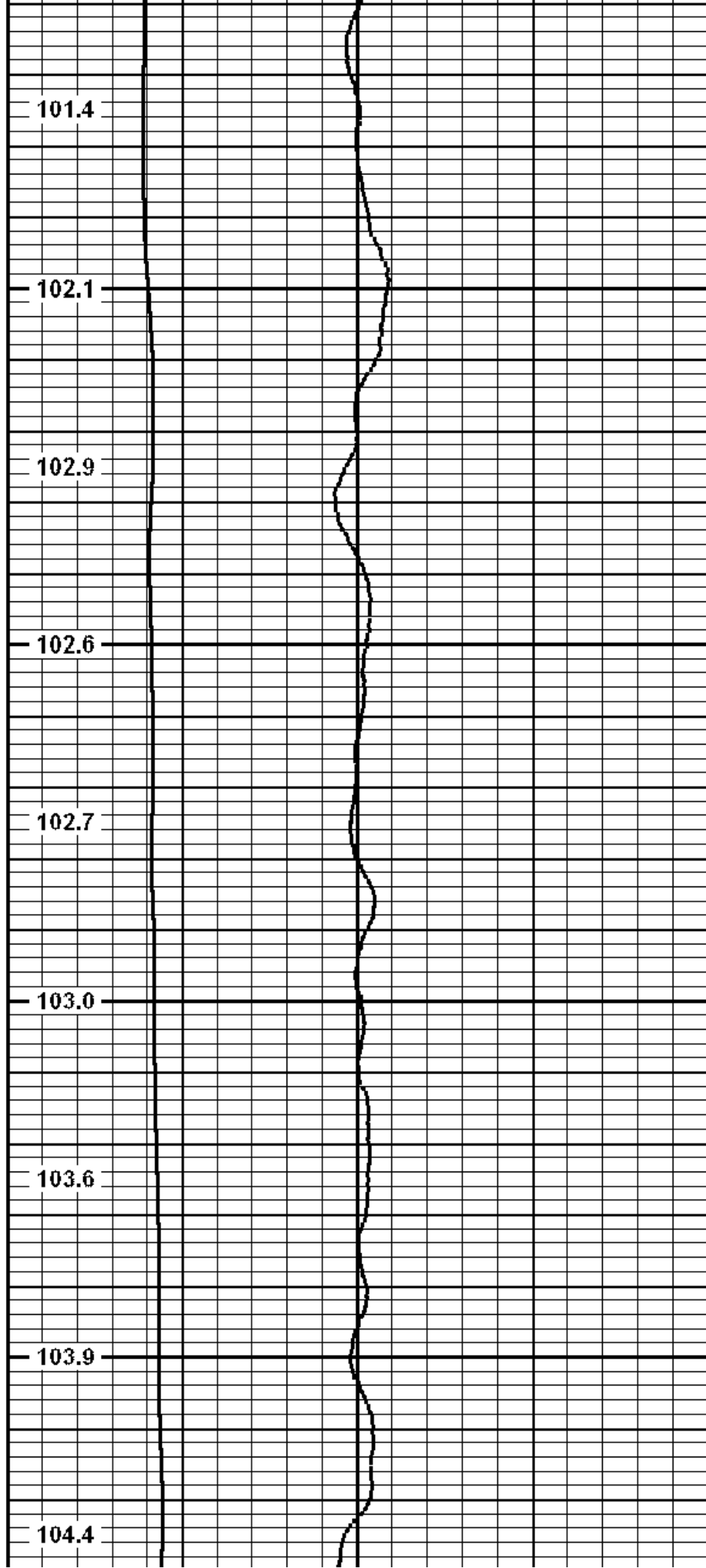


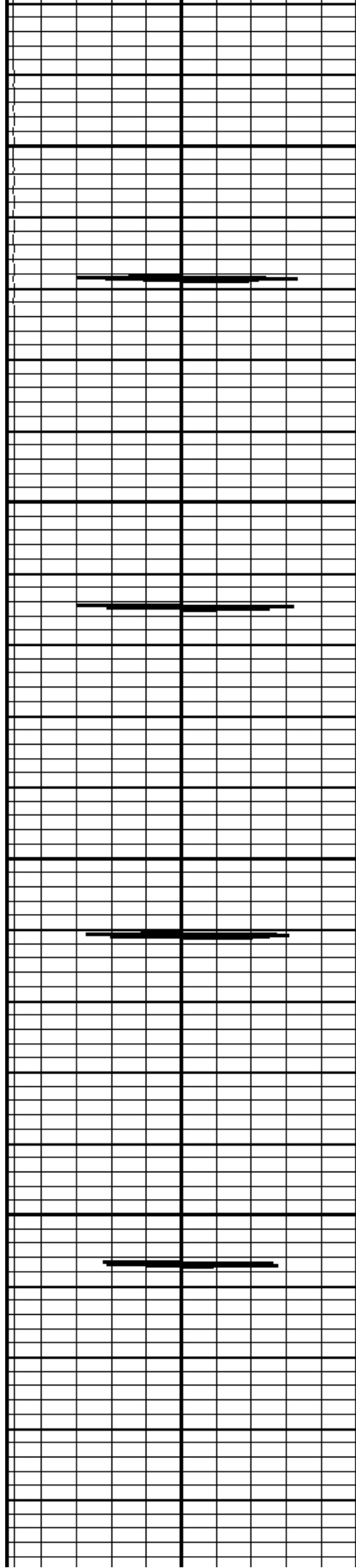
1800

1850

1900

1950





2000

2050

2100

2150

2200

103.4

104.2

104.2

105.1

105.7

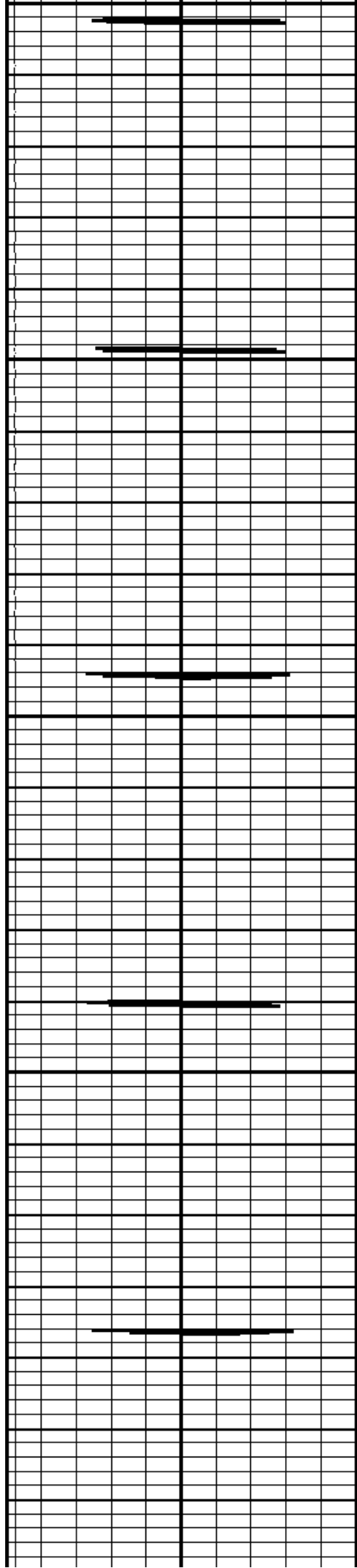
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106.2

106.6

106.6





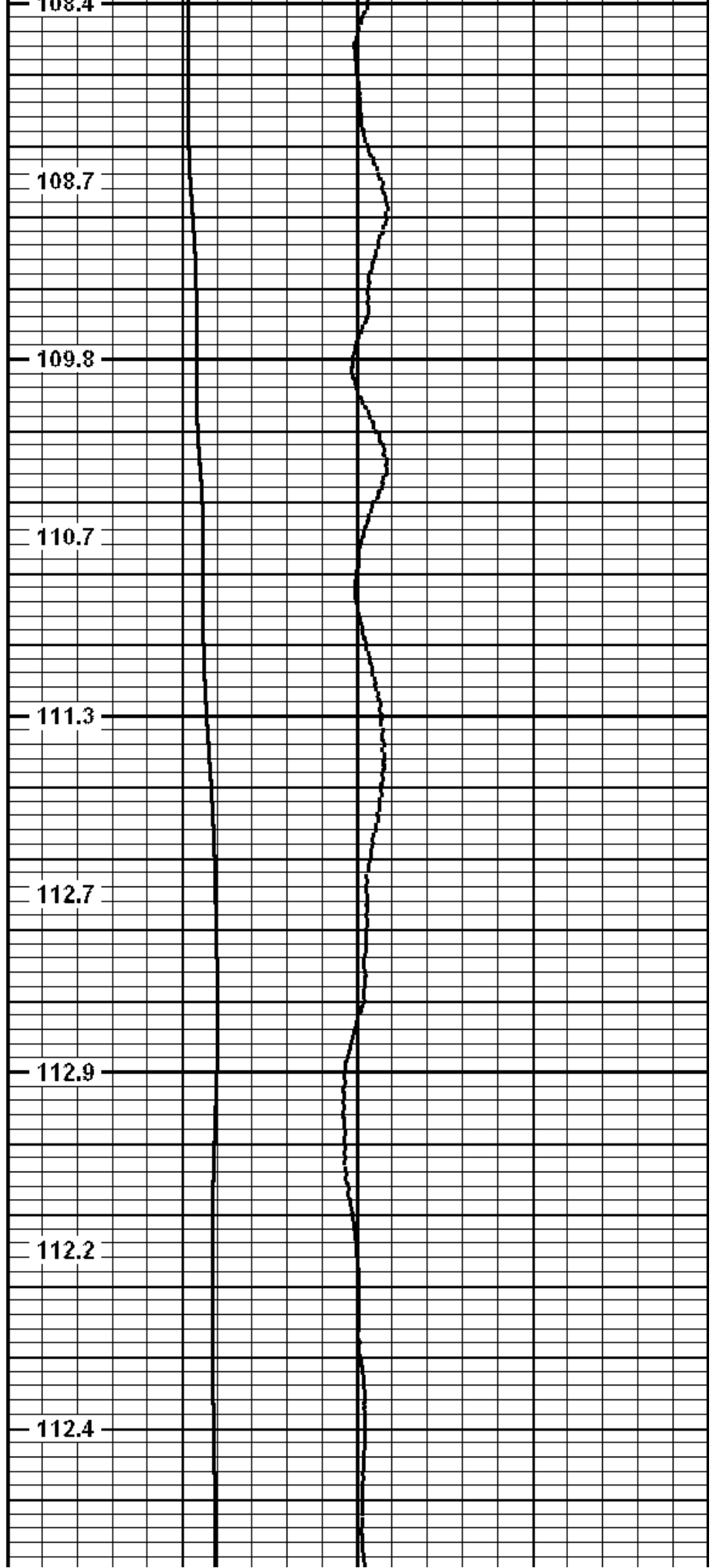
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2250

2300

2350

2400



108.4

108.7

109.8

110.7

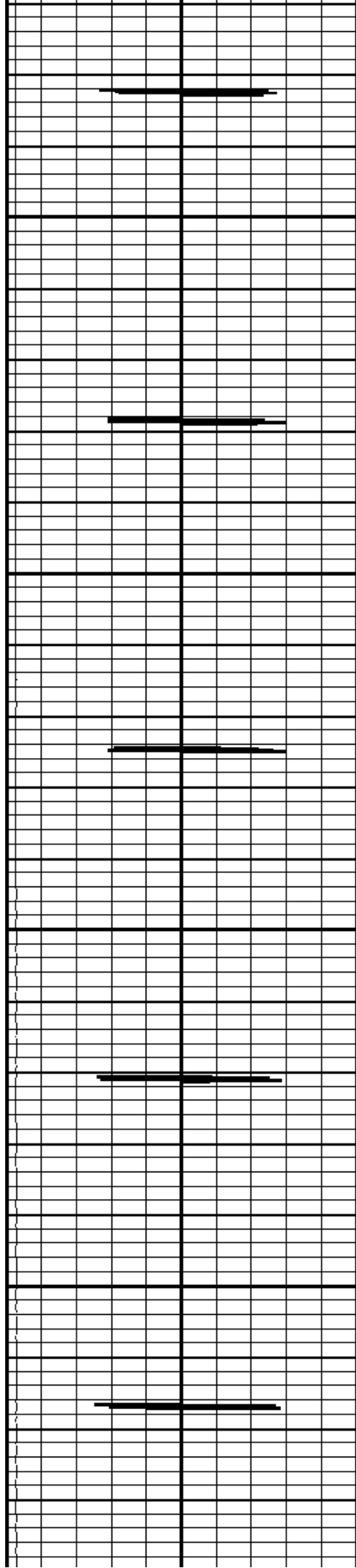
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112.9

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112.4

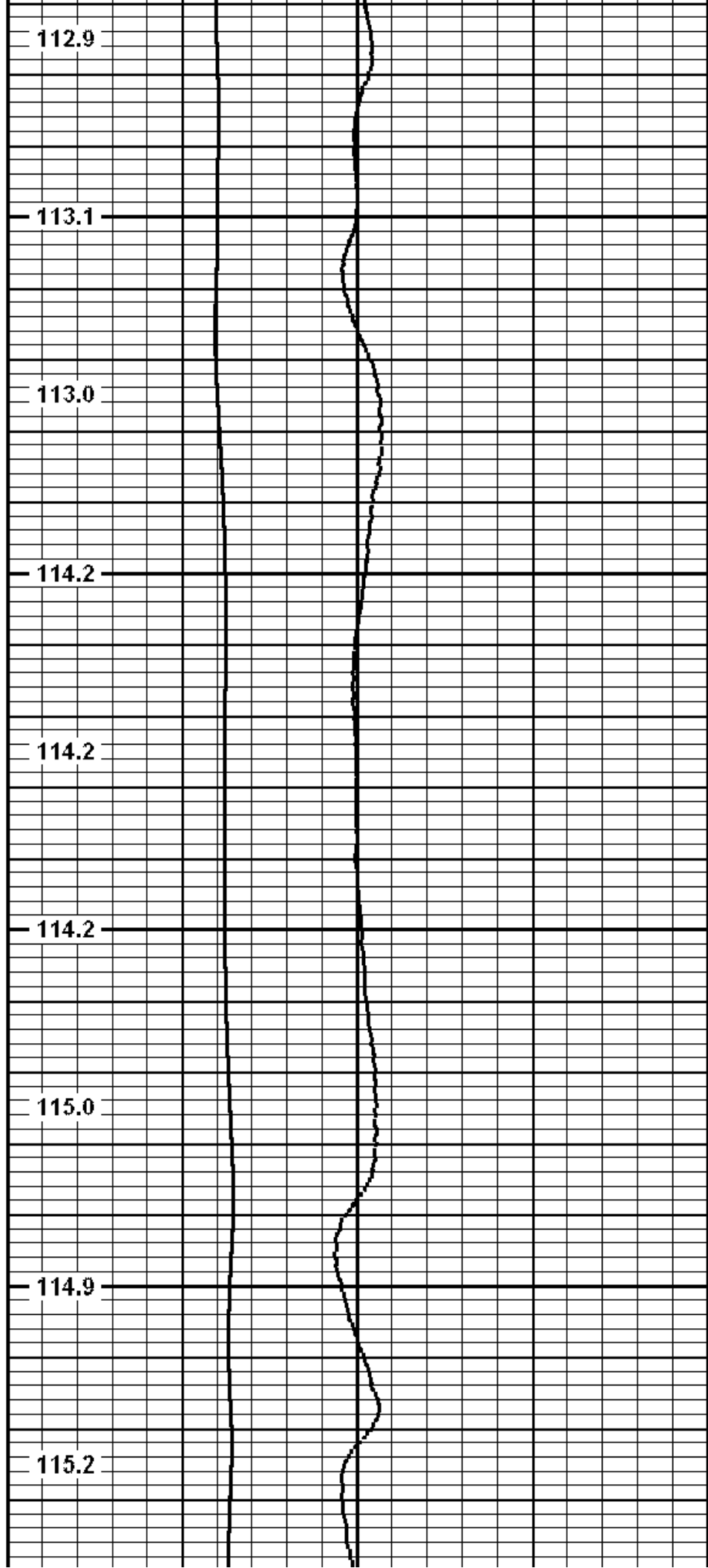


2450

2500

2550

2600



112.9

113.1

113.0

114.2

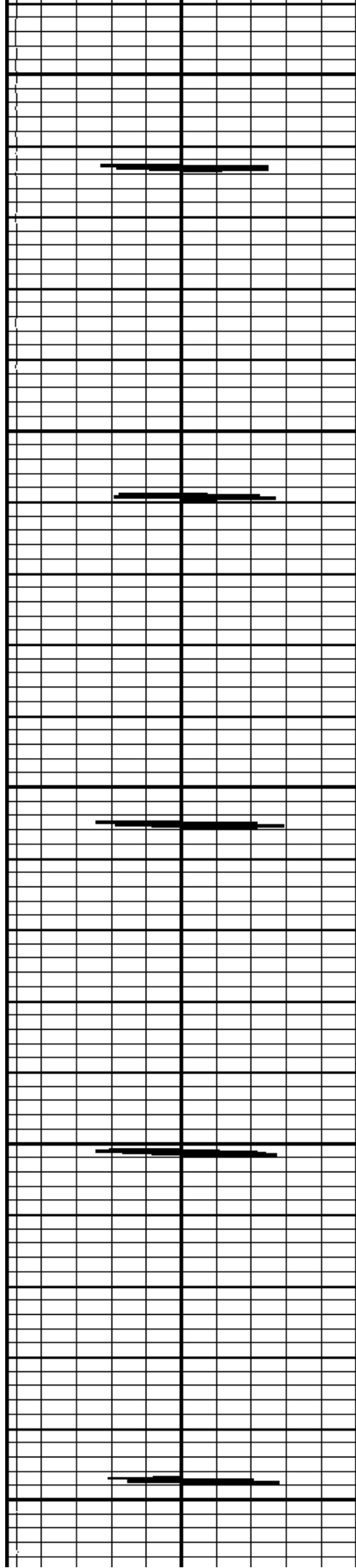
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114.2

115.0

114.9

115.2



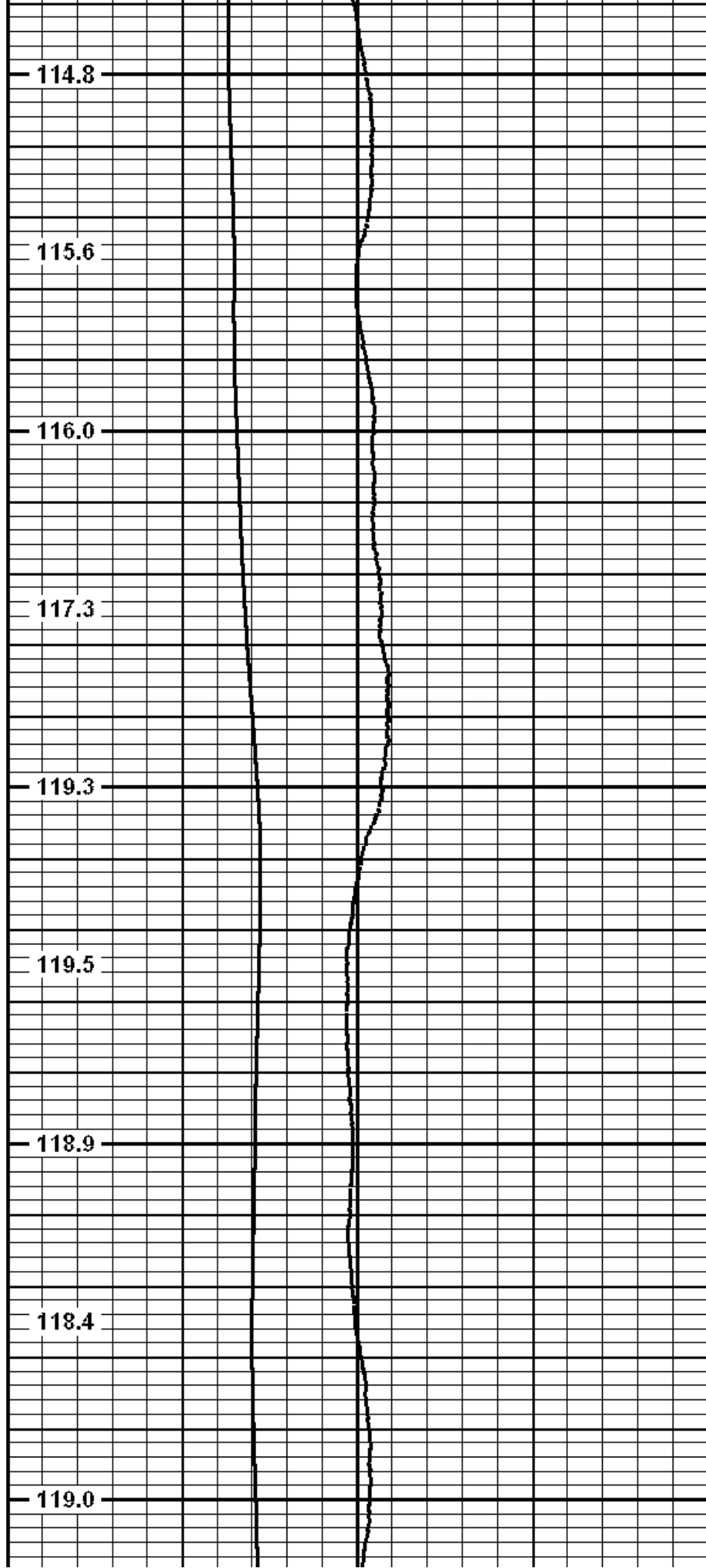
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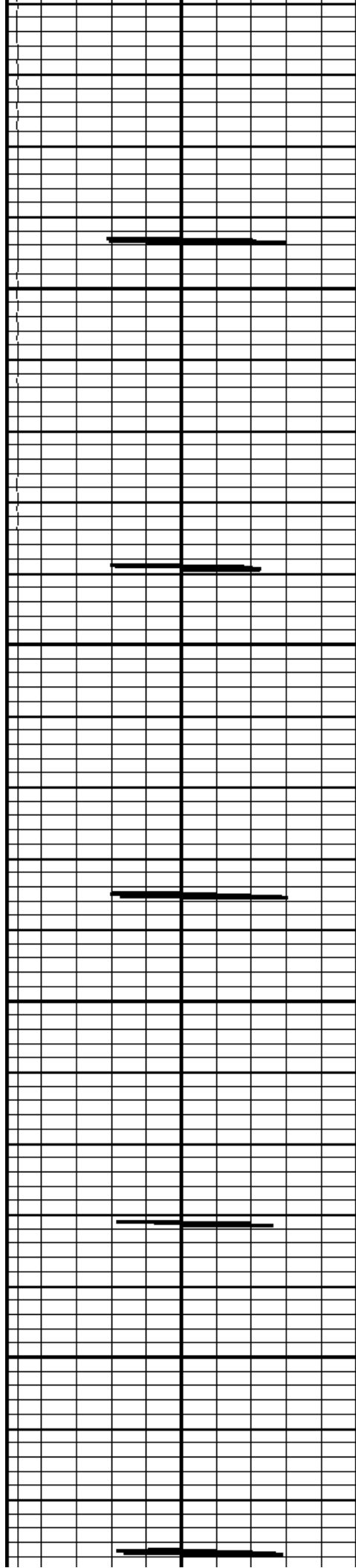
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2750

2800

2850





2900

2950

3000

3050

119.0

118.3

119.6

121.2

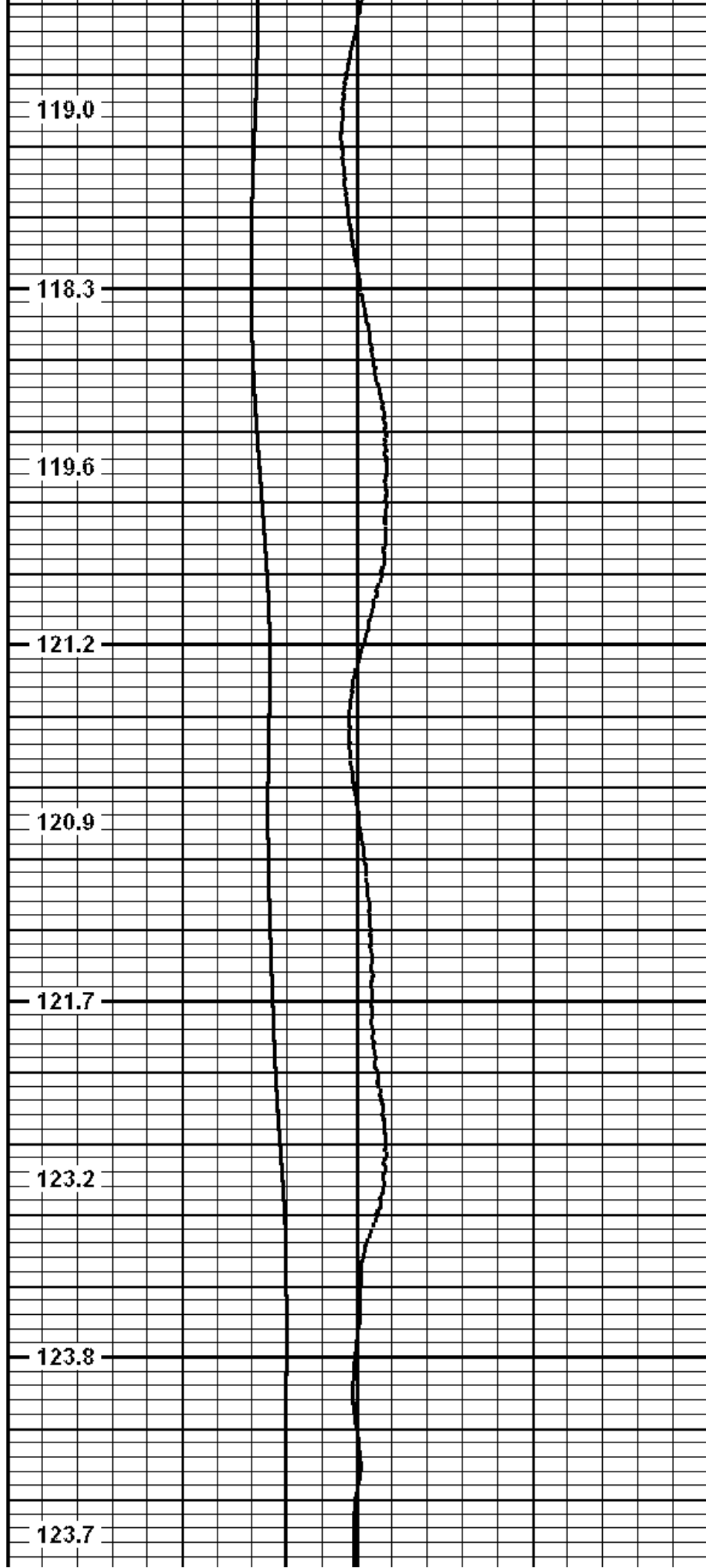
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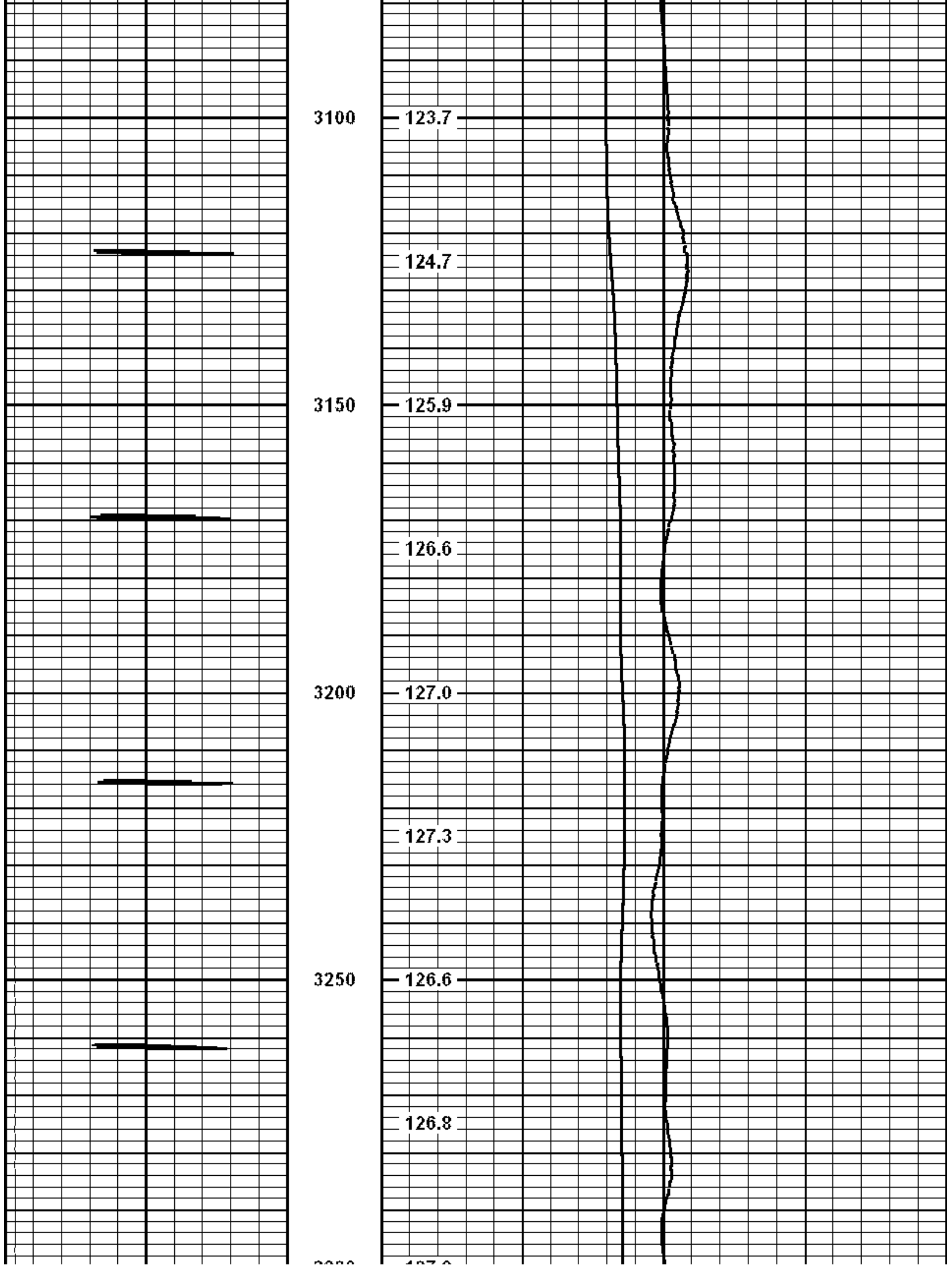
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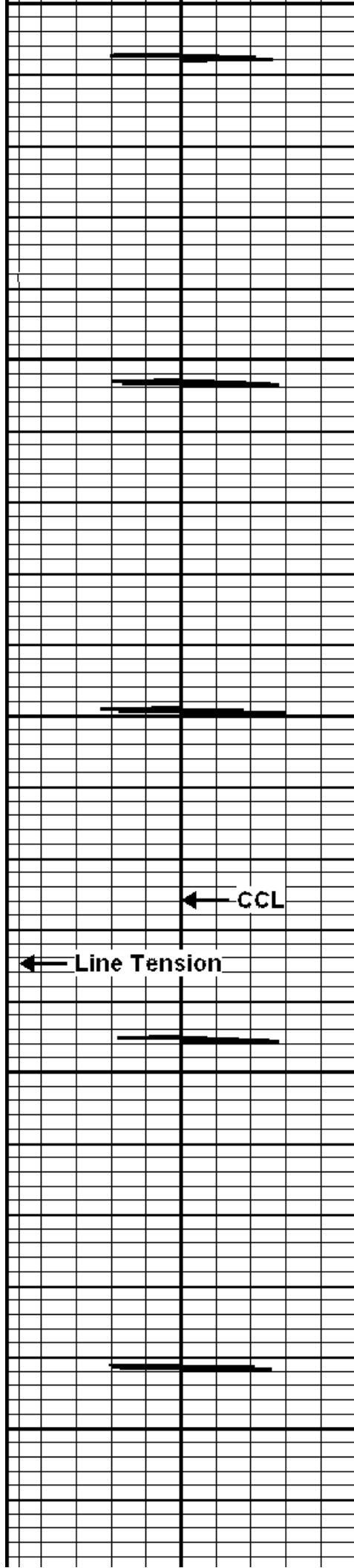
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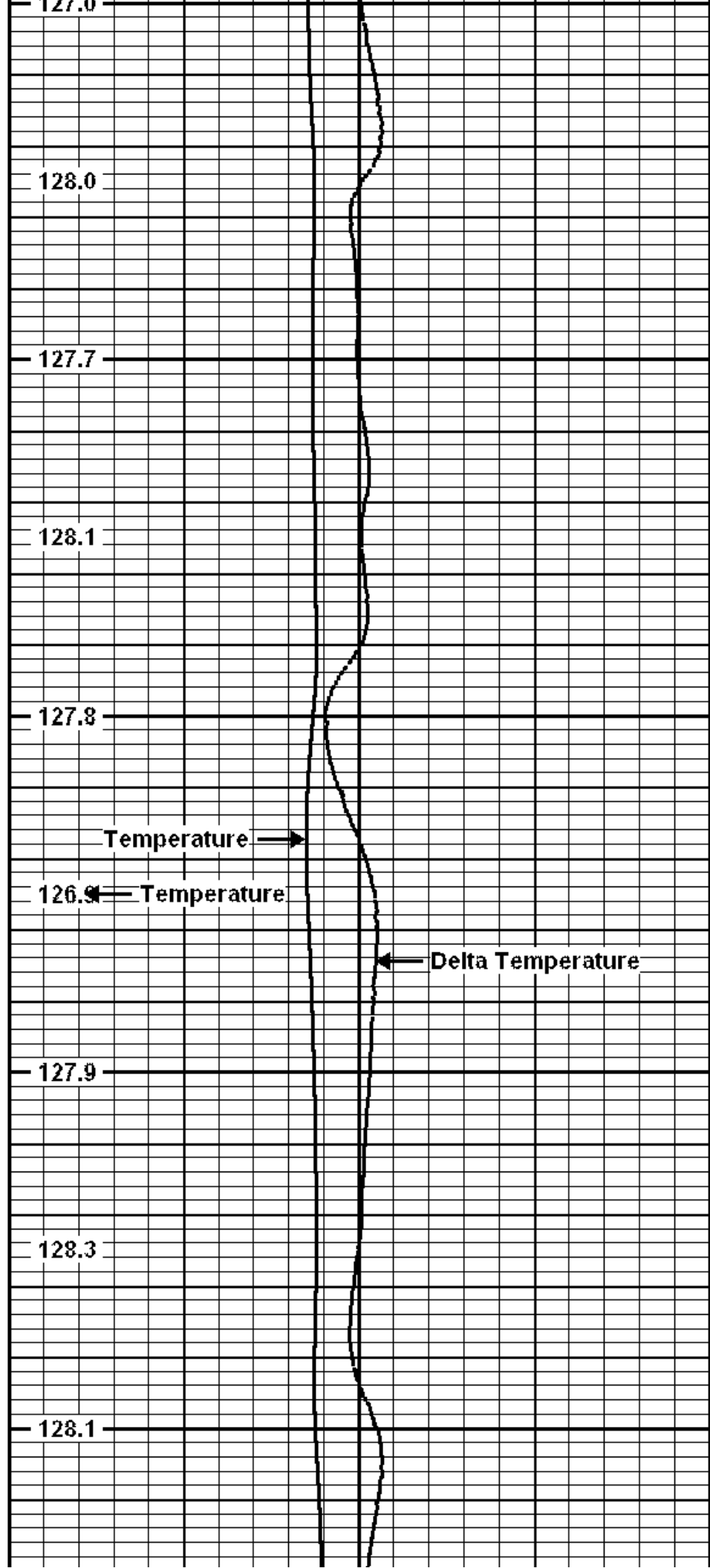
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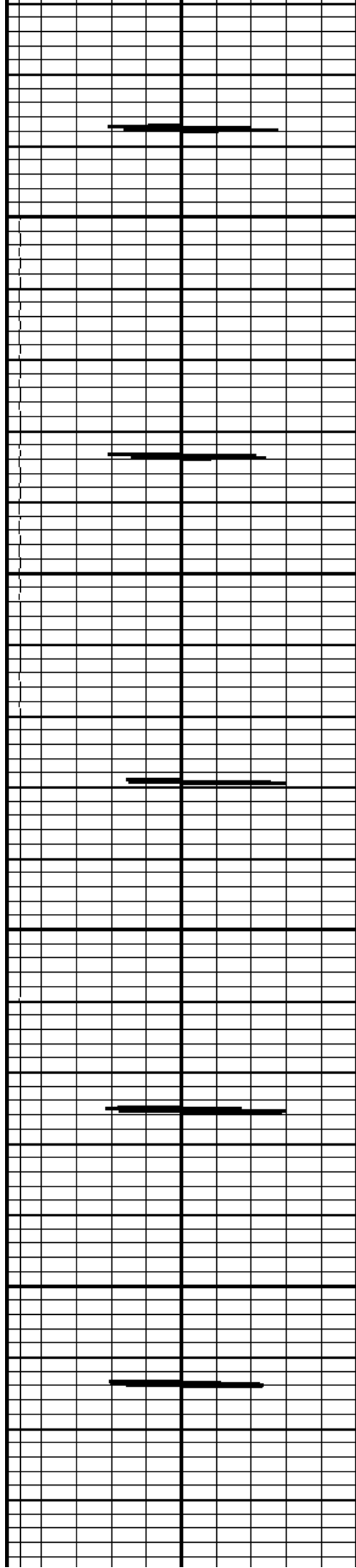






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3350
3400
3450
3500



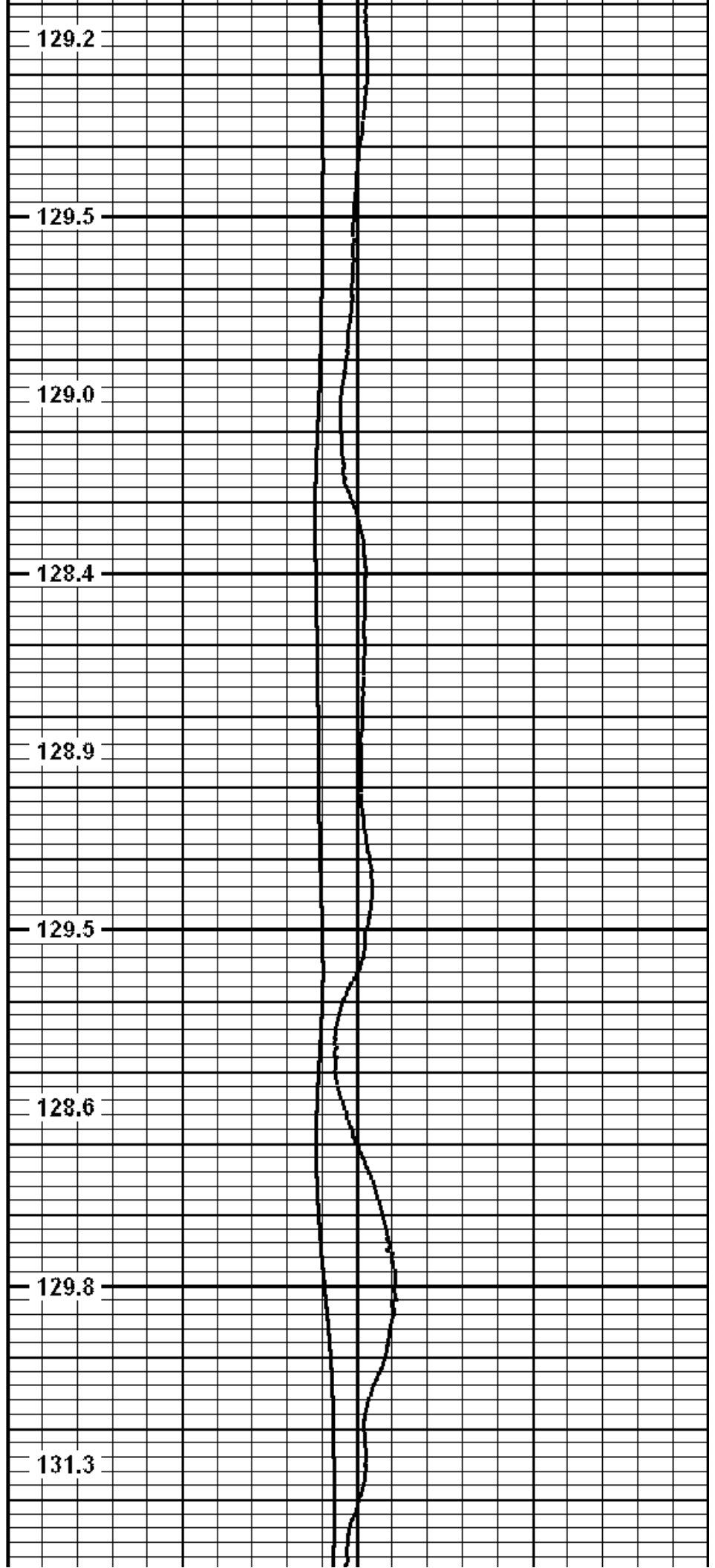


3550

3600

3650

3700



129.2

129.5

129.0

128.4

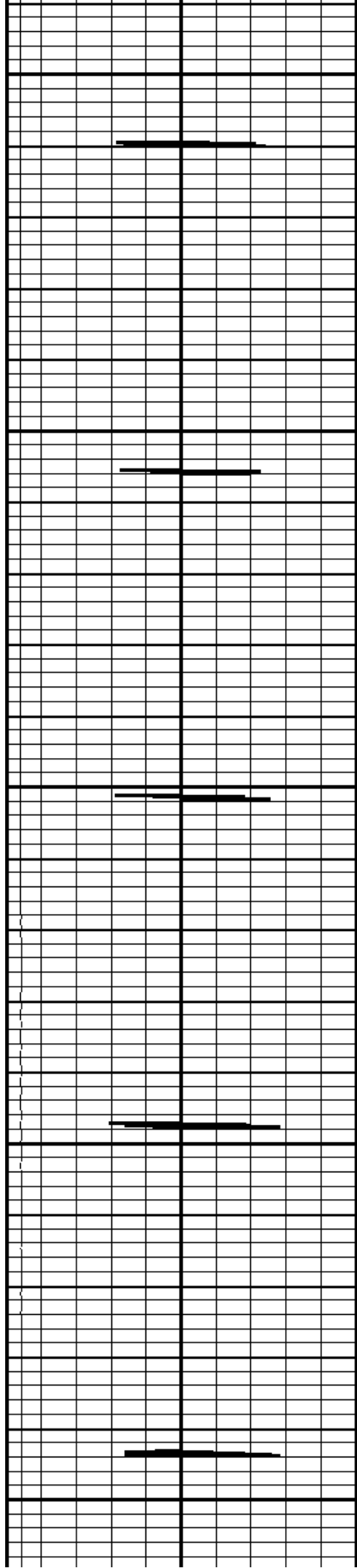
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129.5

128.6

129.8

131.3



3750

130.7

130.2

3800

131.6

132.3

3850

132.4

133.5

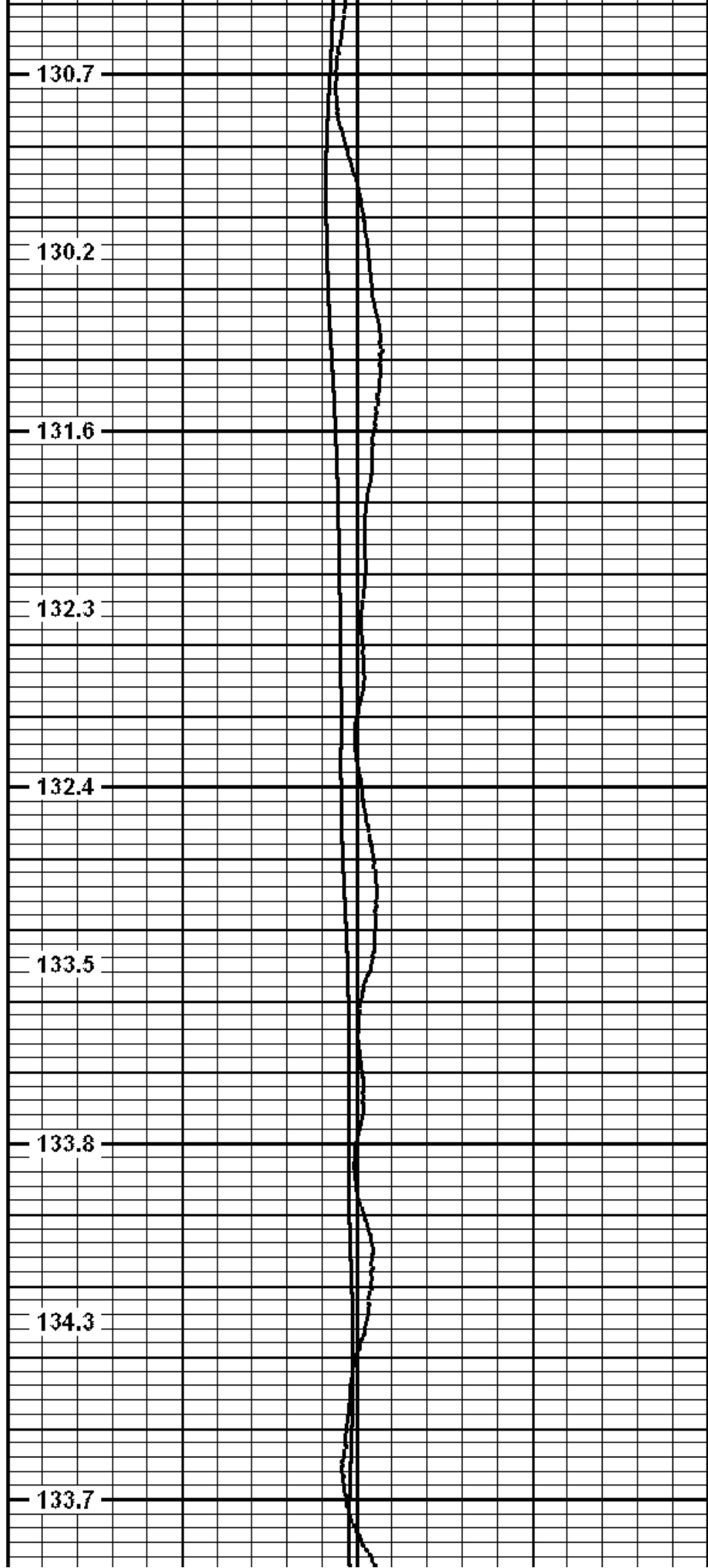
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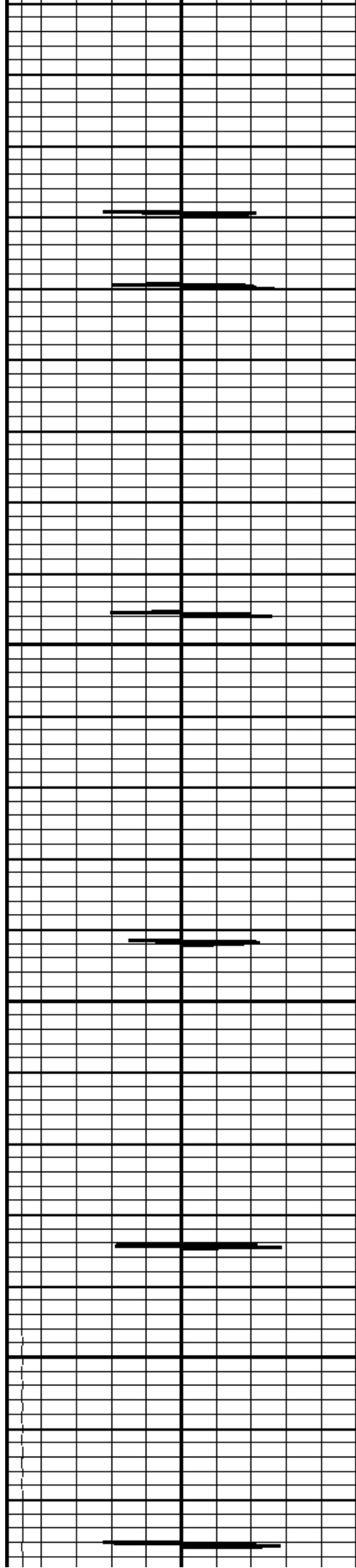
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134.3

3950

133.7





4000

4050

4100

4150

134.6

135.4

135.2

136.0

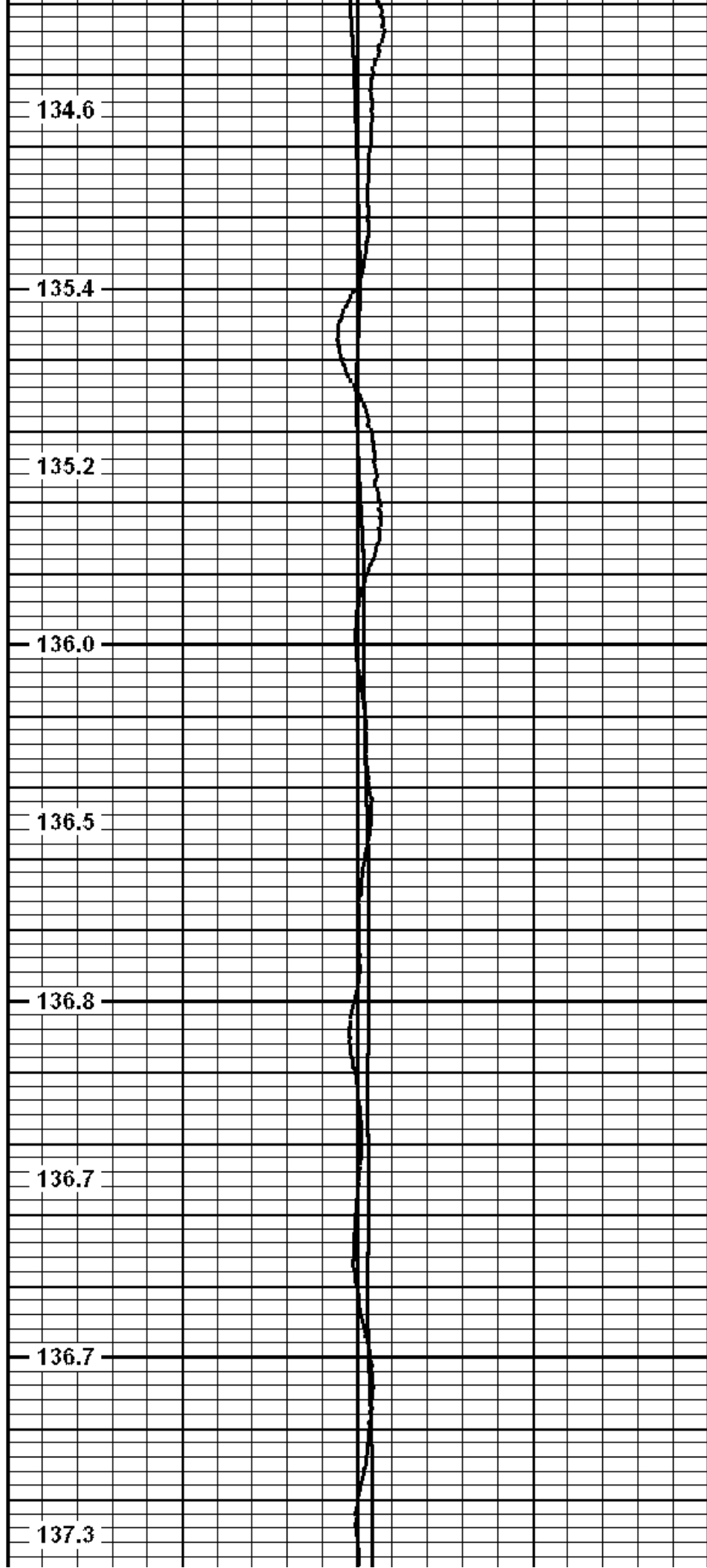
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136.8

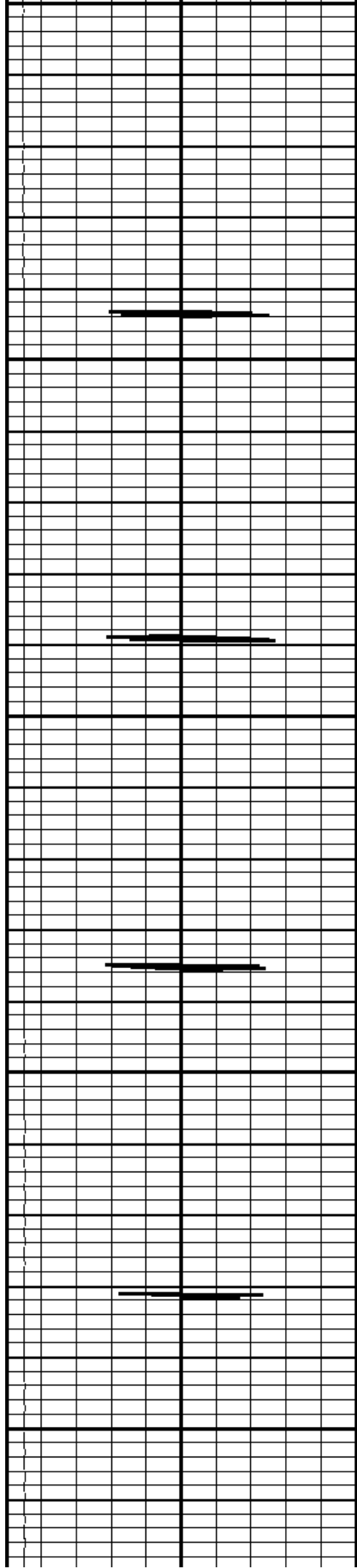
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136.7

137.3







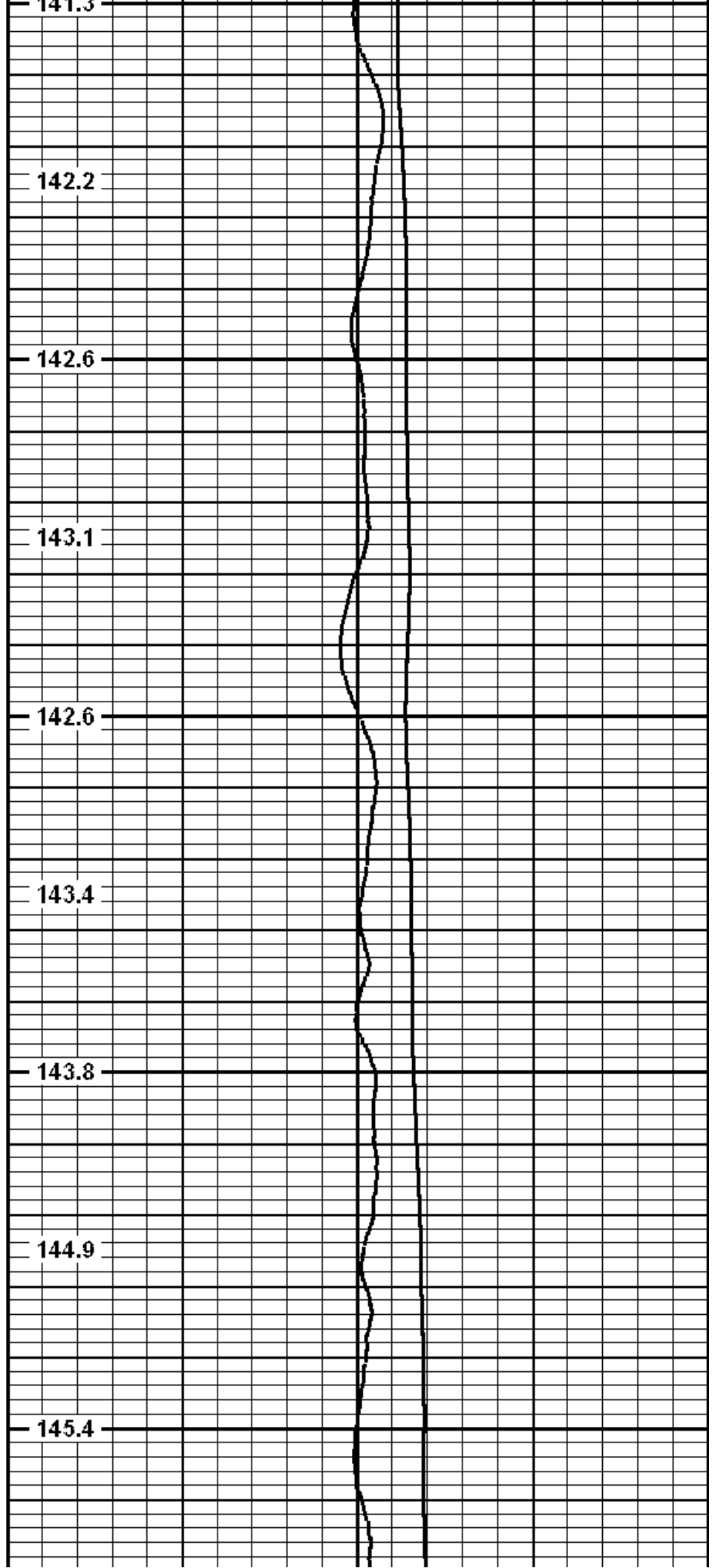
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4500

4550

4600



141.3

142.2

142.6

143.1

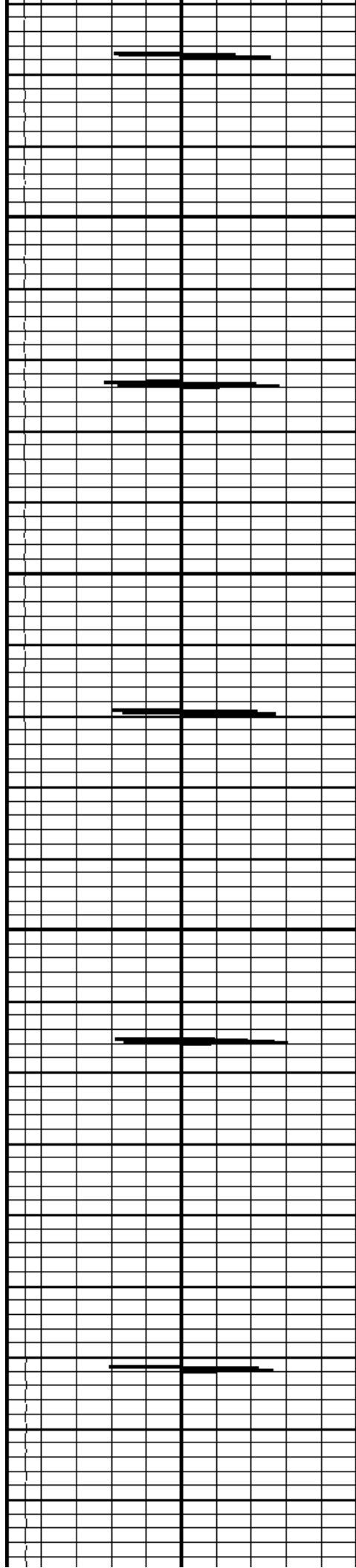
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143.8

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145.4

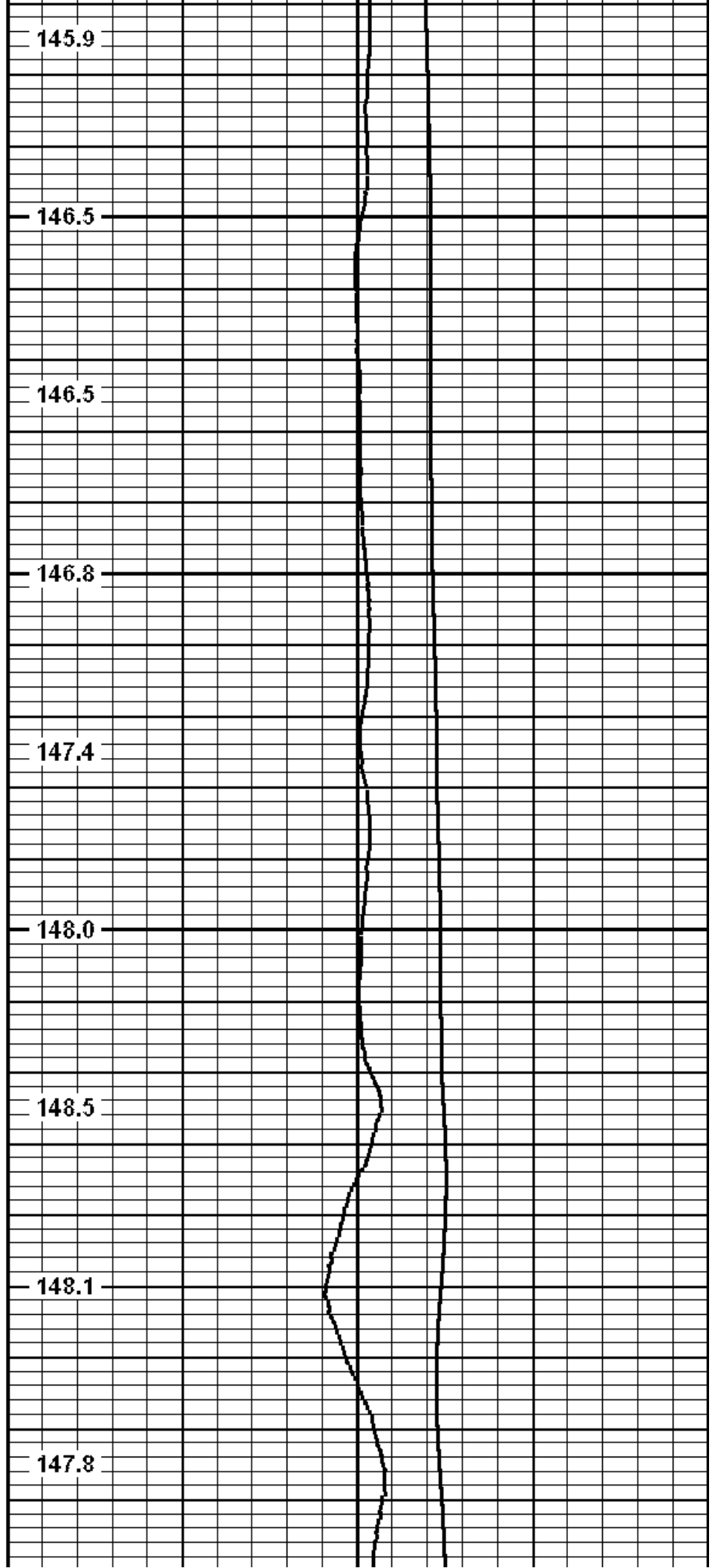


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4700

4750

4800



145.9

146.5

146.5

146.8

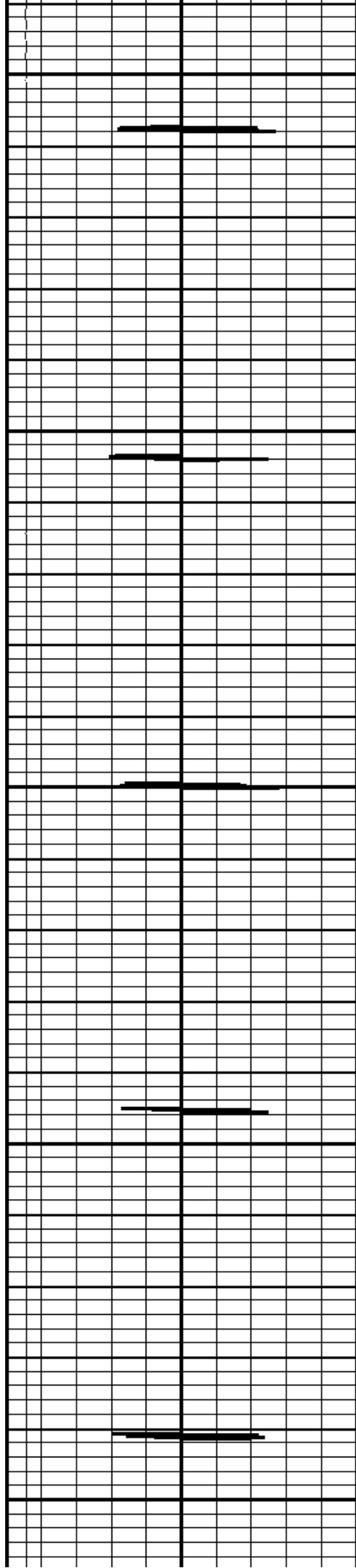
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148.1

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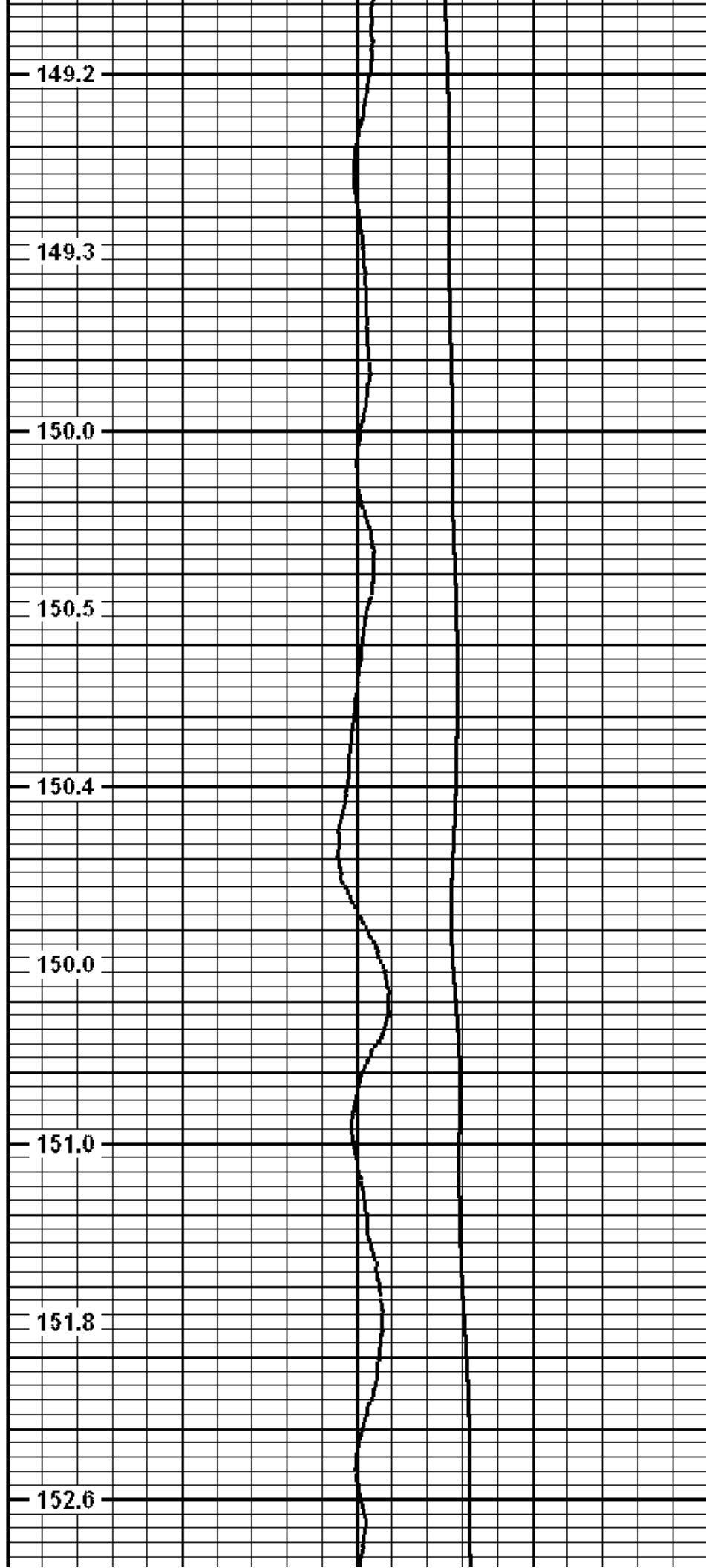
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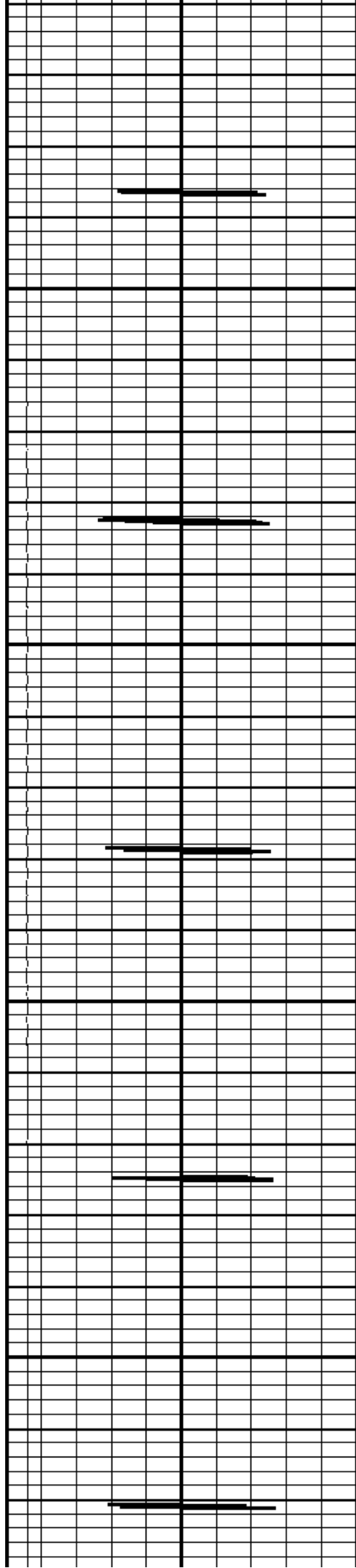
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4950

5000

5050





5100

5150

5200

5250

153.0

153.5

153.7

154.0

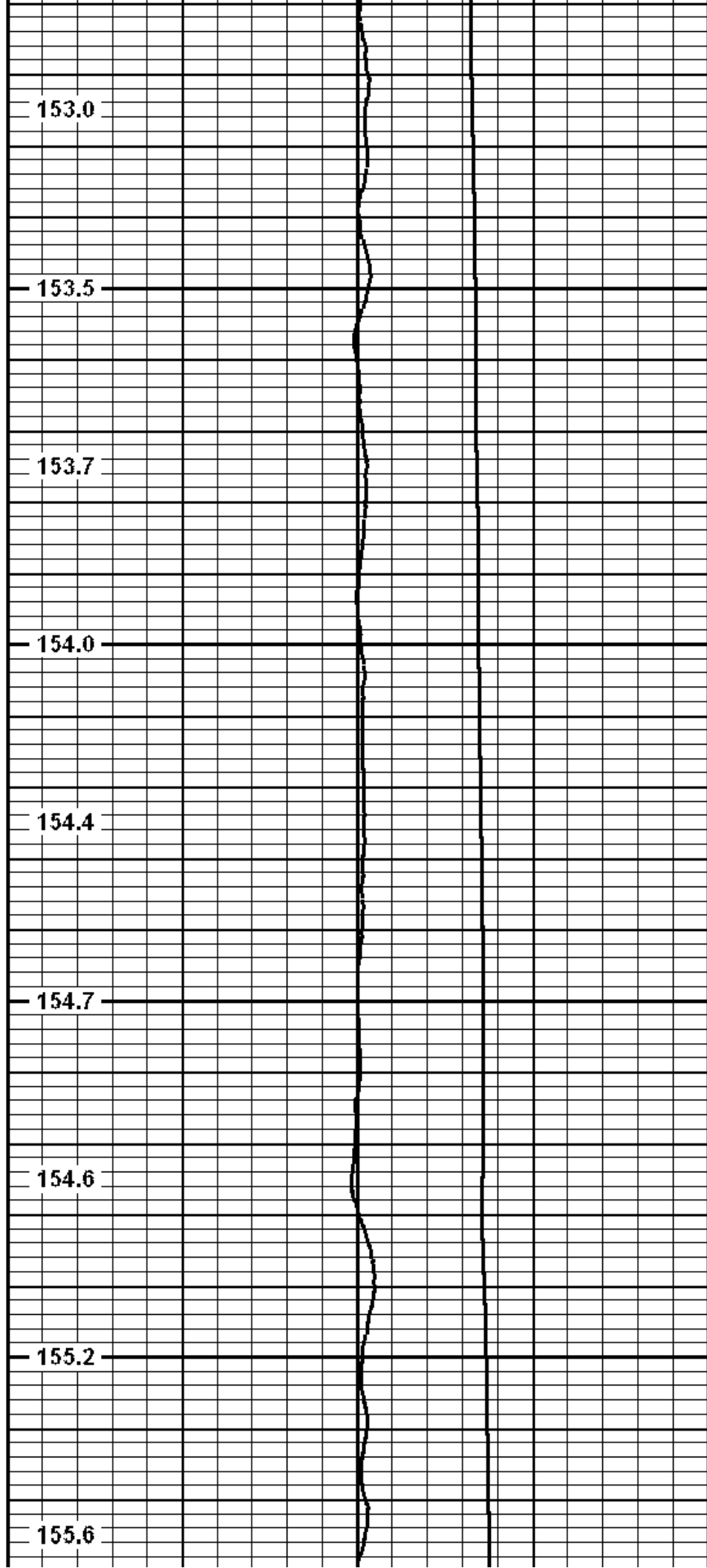
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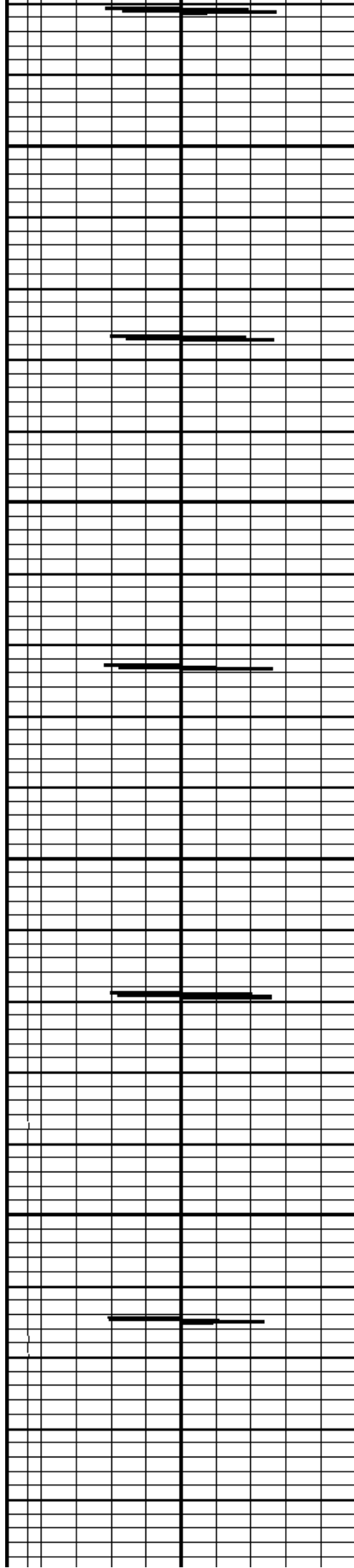
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154.6

155.2

155.6





5300

155.7

156.3

5350

156.7

156.6

5400

157.1

157.4

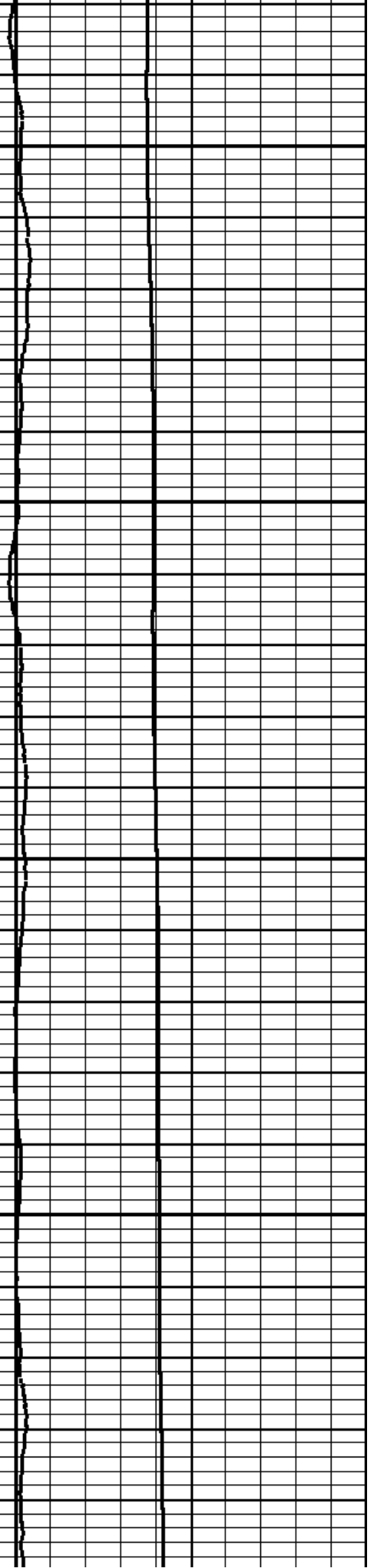
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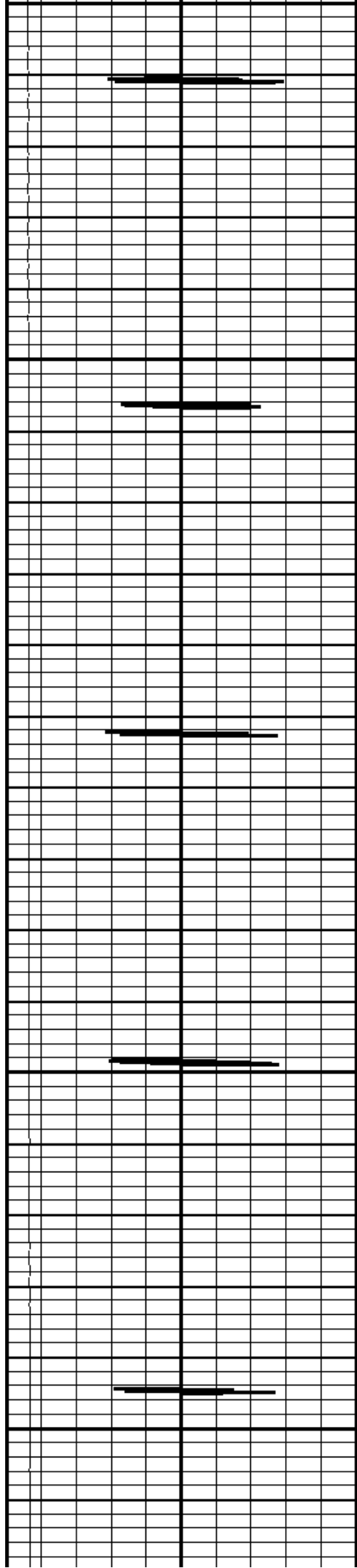
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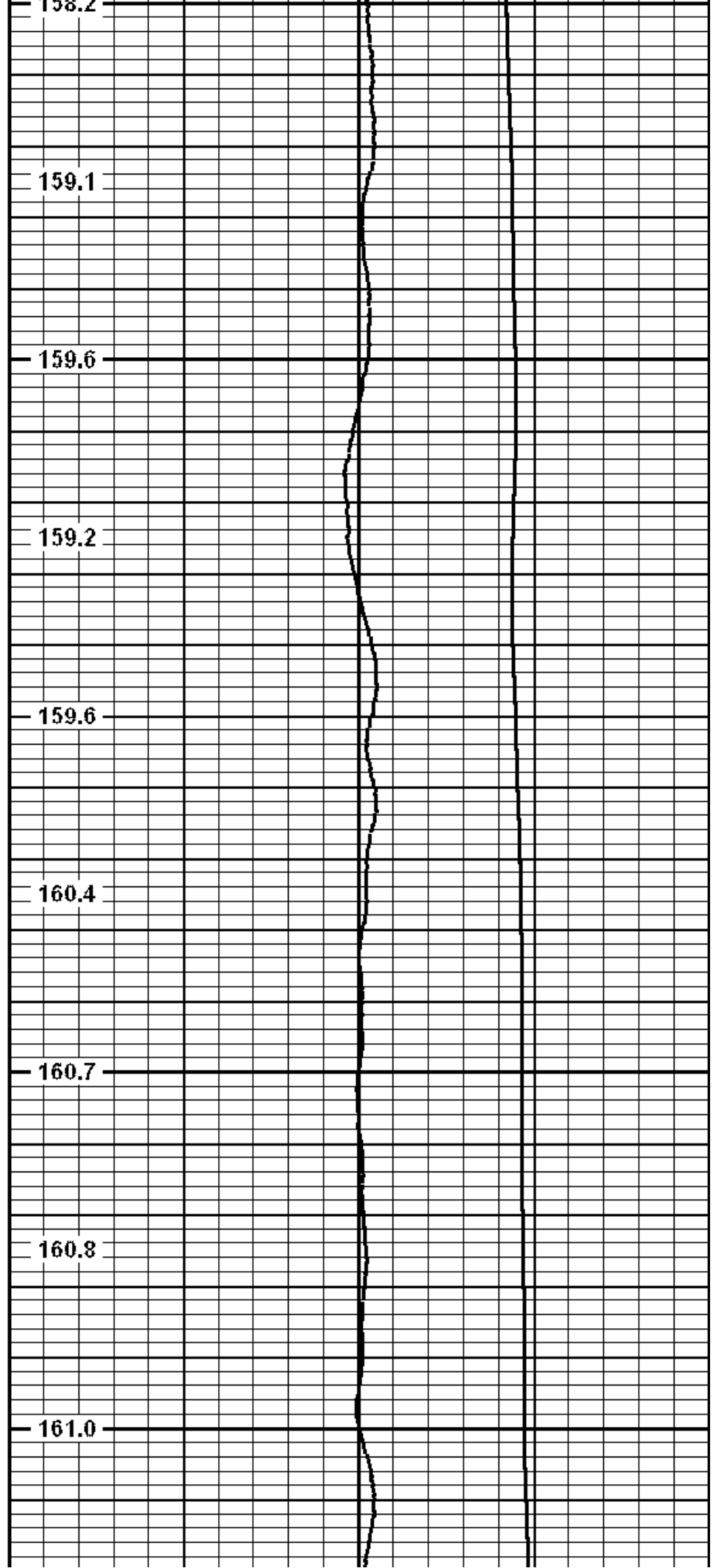
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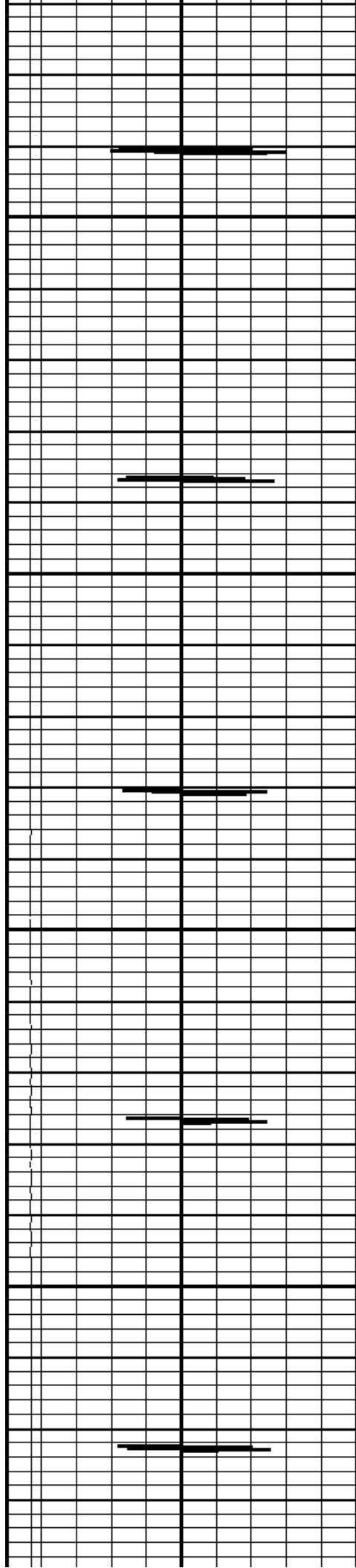
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5500
5550
5600
5650
5700



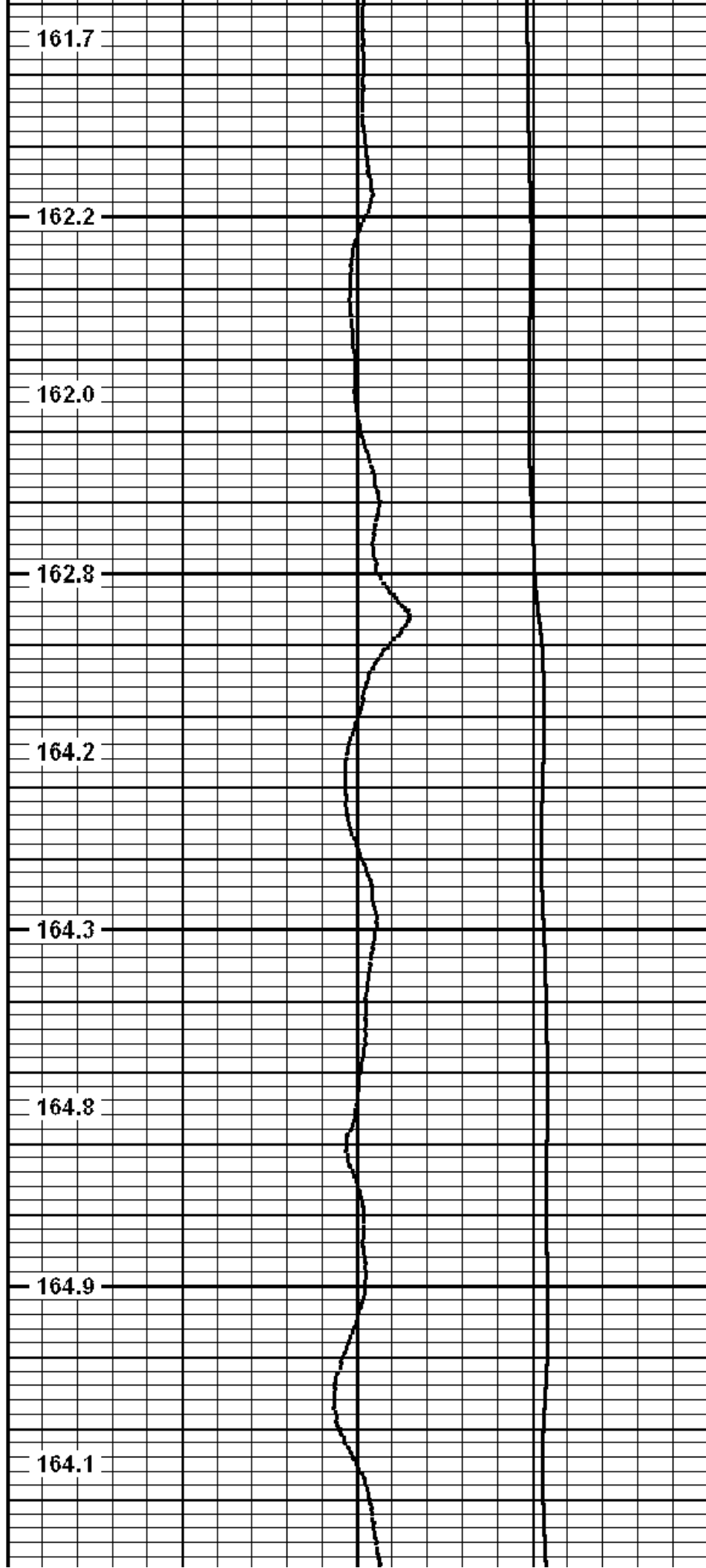


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5800

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5900



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162.8

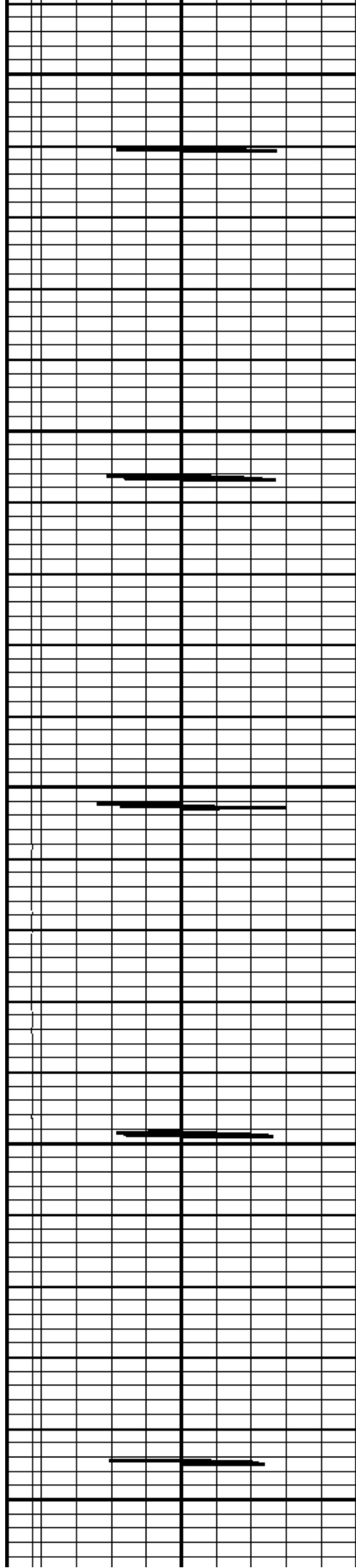
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164.9

164.1



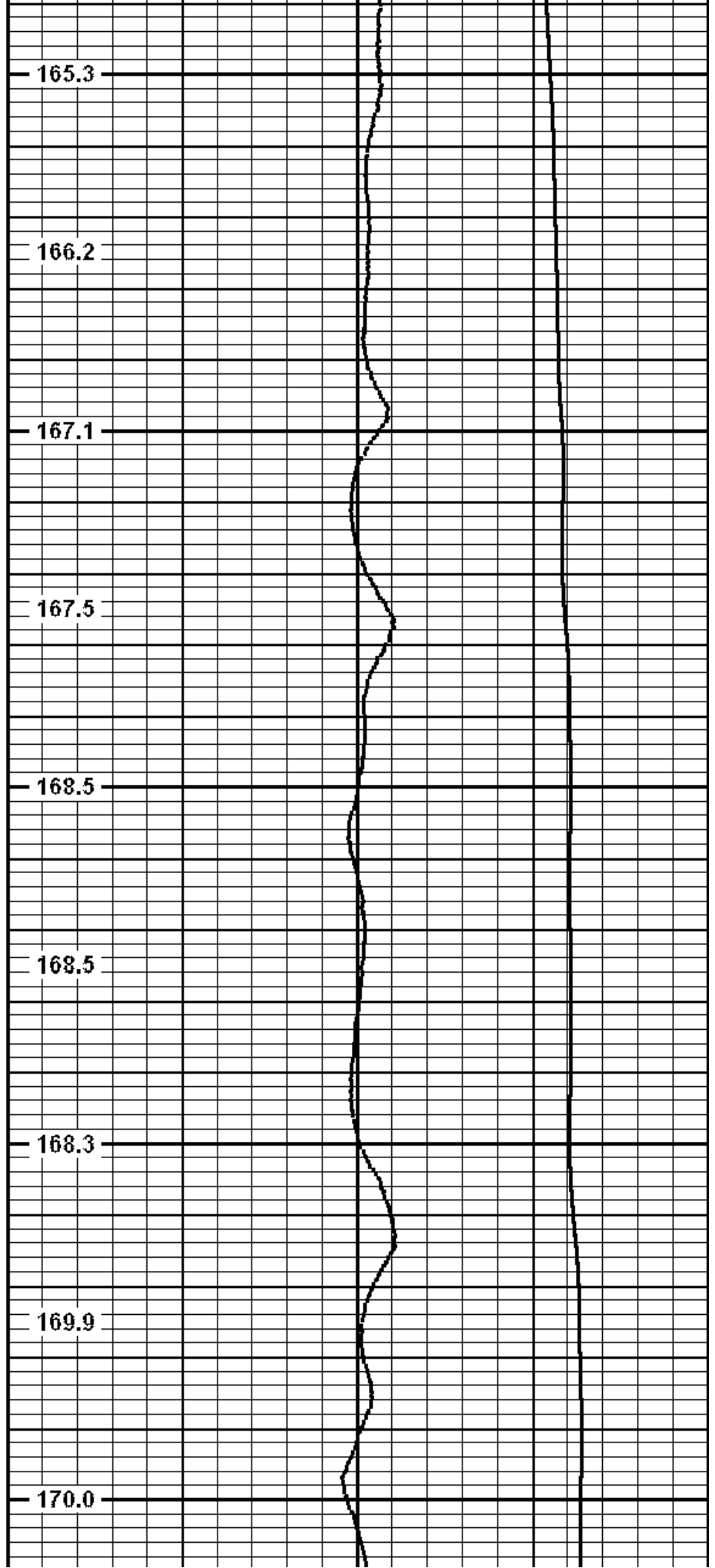
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6050

6100

6150



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167.1

167.5

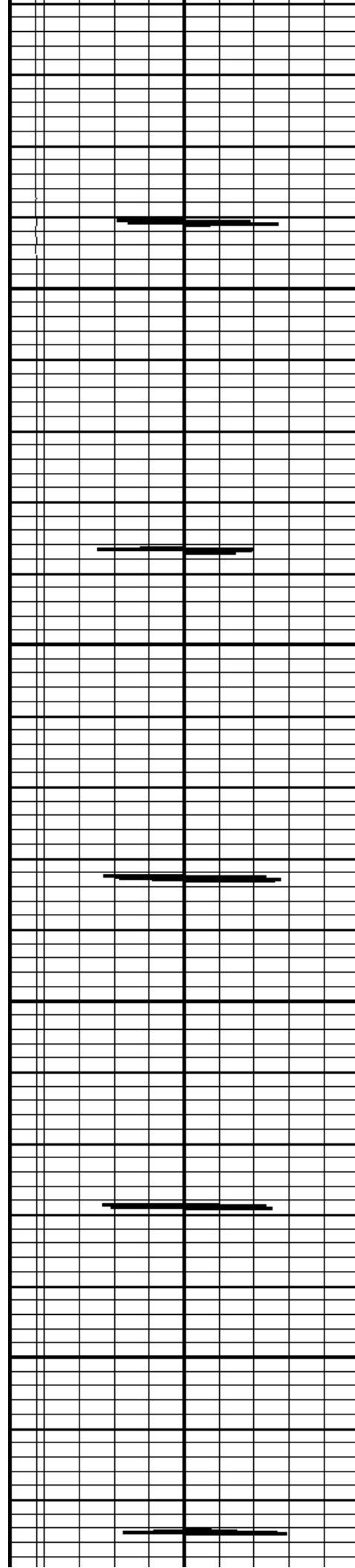
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168.5

168.3

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170.0



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6250

6300

6350

170.6

170.7

170.8

170.9

171.0

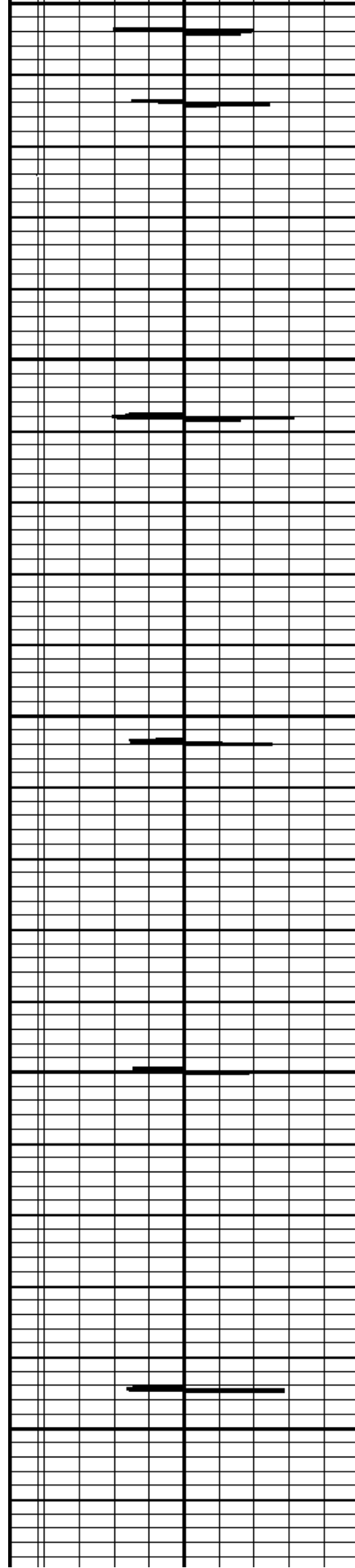
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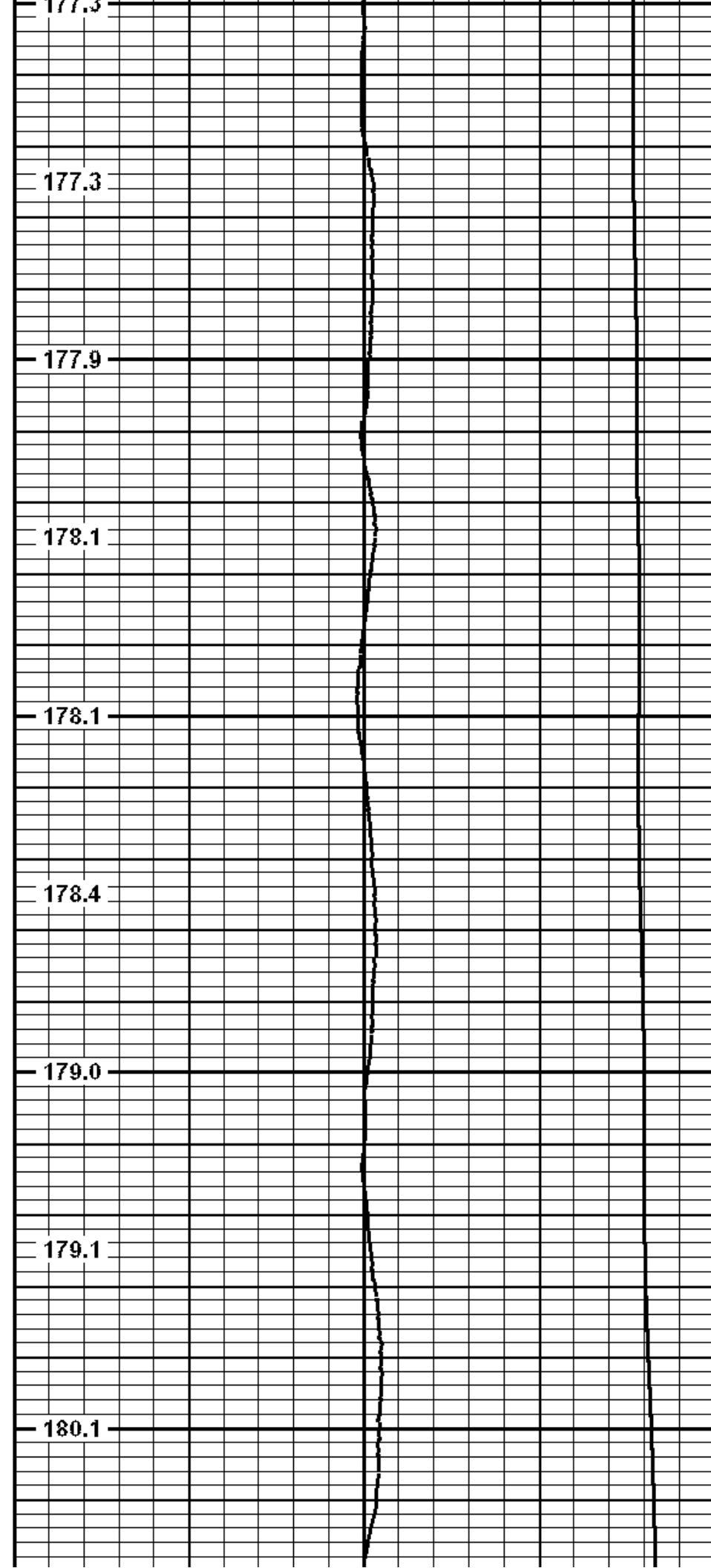
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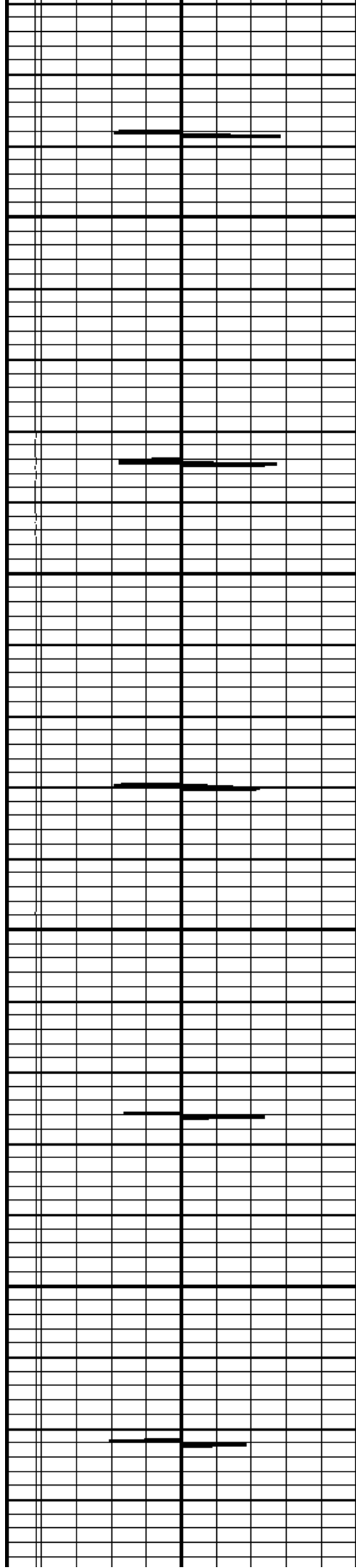
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6600
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6700
6750
6800



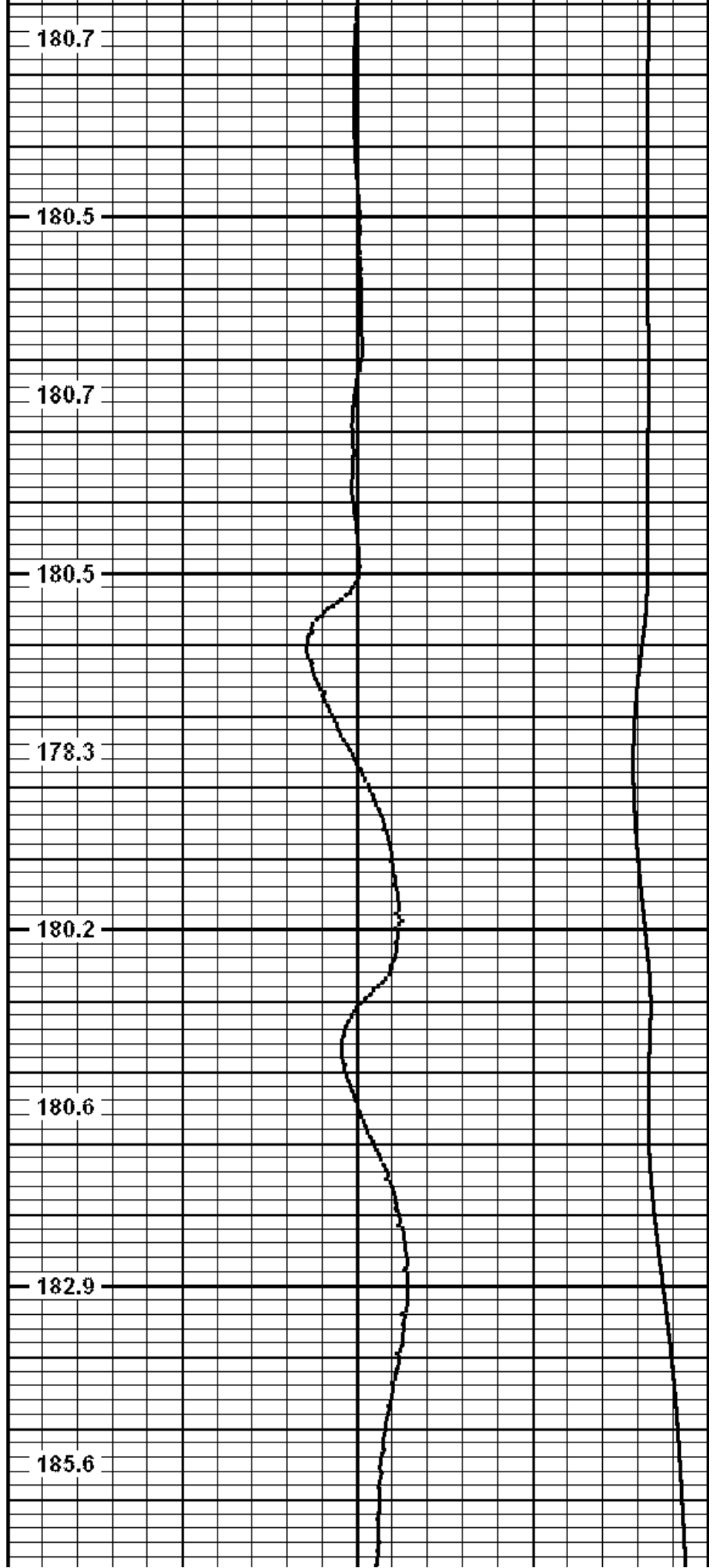


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6900

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7000



180.7

180.5

180.7

180.5

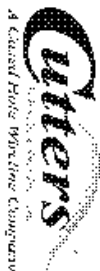
178.3

180.2

180.6

182.9

185.6



Company
Well
Field
County
State

URSA OPERATING COMPANY LLC.
MCLIN B6
KOKOPELLI
GARFIELD
COLORADO