



**MD**  
**5"-100'**

## API

**State:** CO

Country: United States

**Job number:** 207-F8-52

**DIR. DRILLER NIGHT** Austin Clark

**LWD/MMWD DAYS** Matt Brokaw

**LWD/MWD NIGHTS** Tyler Teague

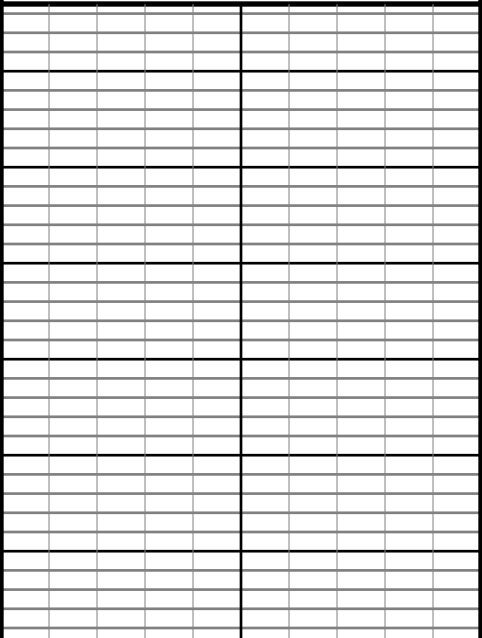
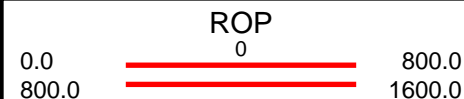
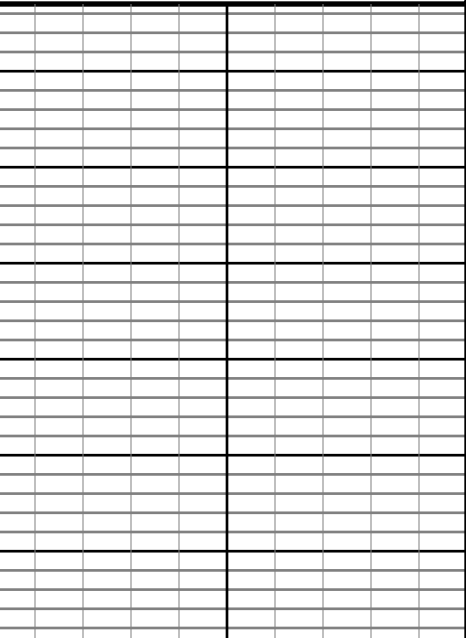
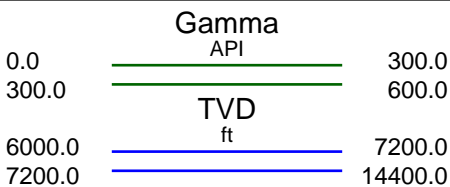
Depth	Date
Start: 7320 ft	8/12/2015
End: 14774 ft	8/16/2015

Mud Type:  
Density:  
Viscosity:  
Rm:

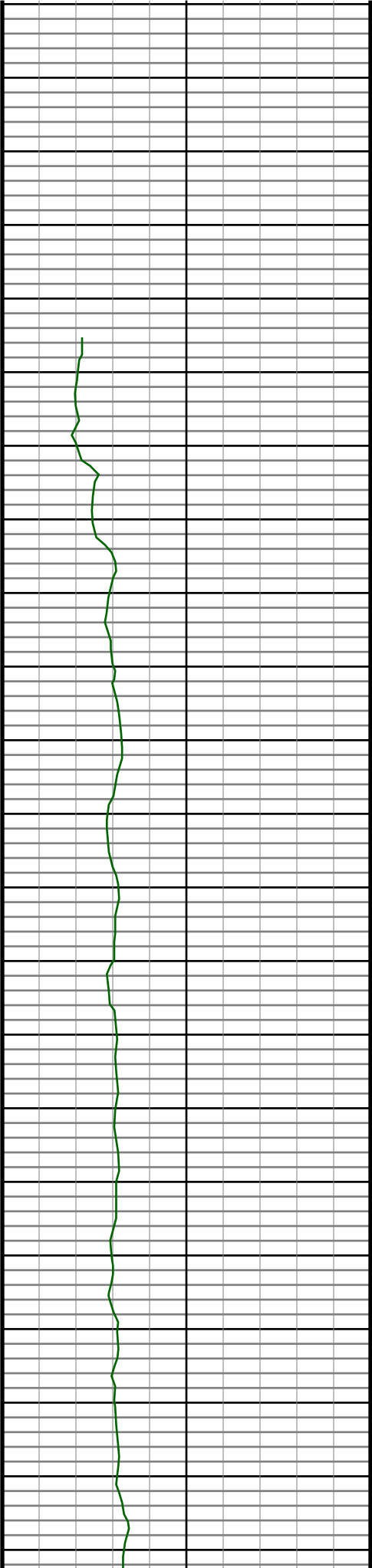
**Elevations**  
**KB:** 4643.5  
**GL:** 4621  
**DF:** 4643.5

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	8.75	56.84	51.84	850	7320	7/21/2015	7/23/2015
2	6.125	53.92	58.92	7320	14774	8/12/2015	8/16/2015
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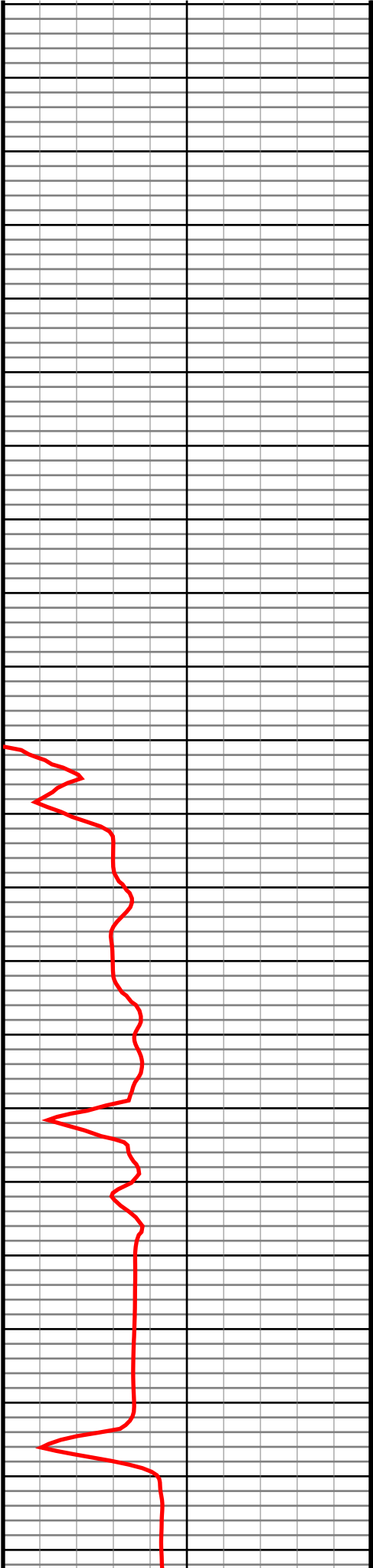
MD



#7 MD(713.00) Inc(1.0) Azm(8.8) TVD(712.91)  
VS(-0.86) NS(-3.55) EW(1.09) TEMP(0.0)



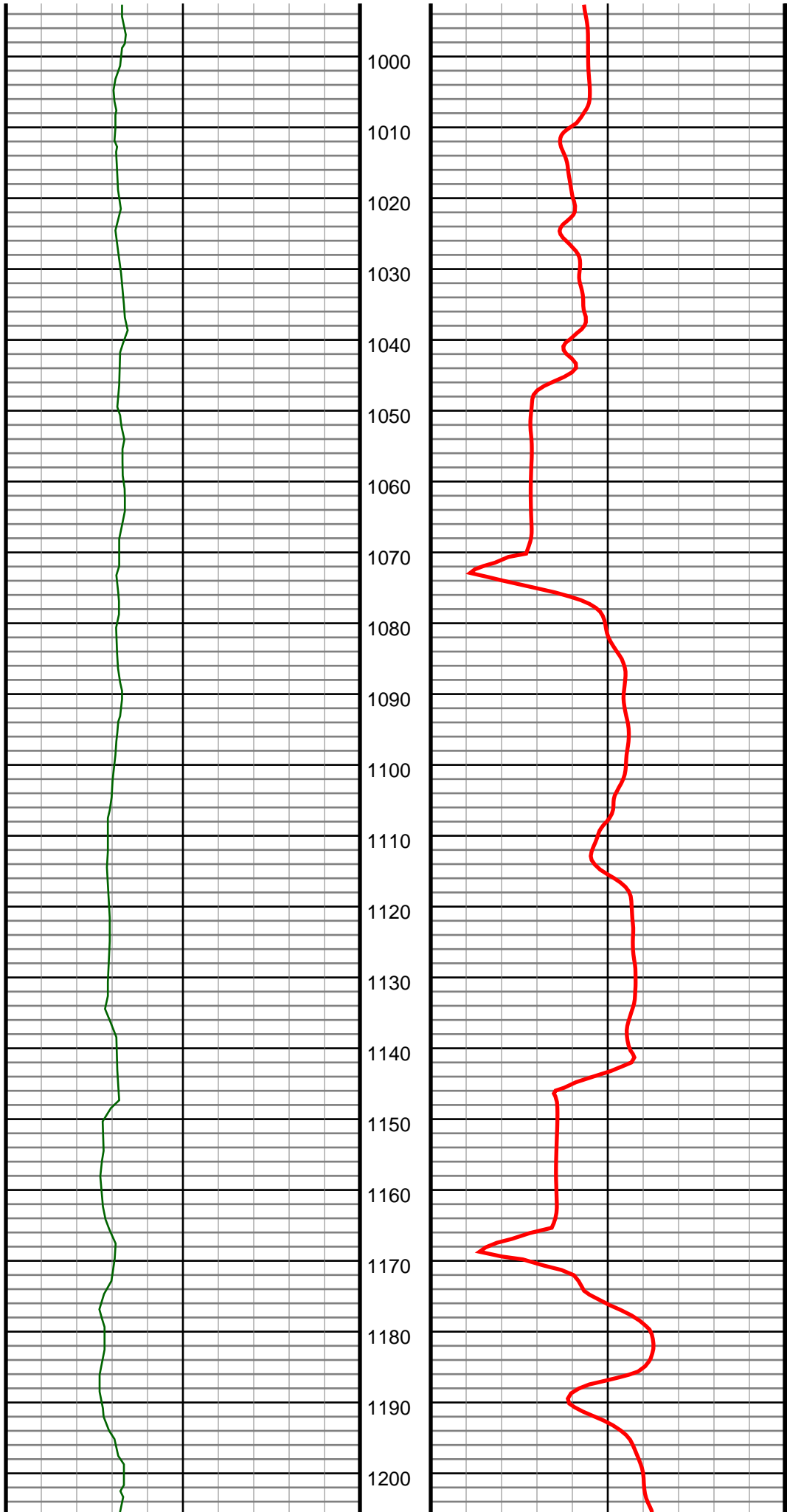
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#8 MD(795.00) Inc(1.1) Azm(349.6) TVD(794.90)  
VS(-0.93) NS(-2.07) EW(1.06) TEMP(0.0)

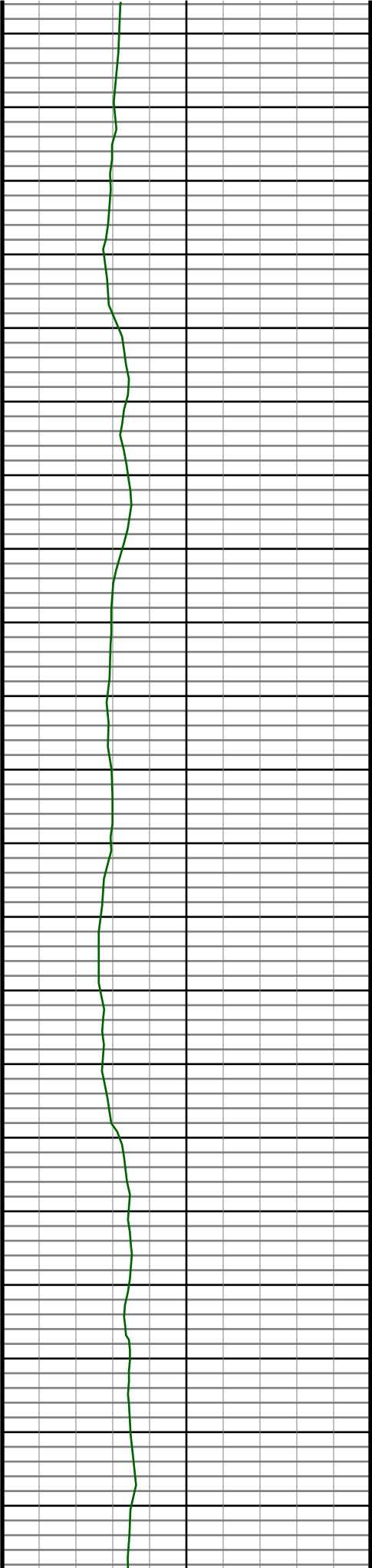
#9 MD(876.00) Inc(0.9) Azm(349.4) TVD(875.89)  
VS(-0.76) NS(-0.68) EW(0.80) TEMP(0.0)

#10 MD(924.00) Inc(0.4) Azm(342.6) TVD(923.88)  
VS(-0.67) NS(-0.15) EW(0.68) TEMP(0.0)

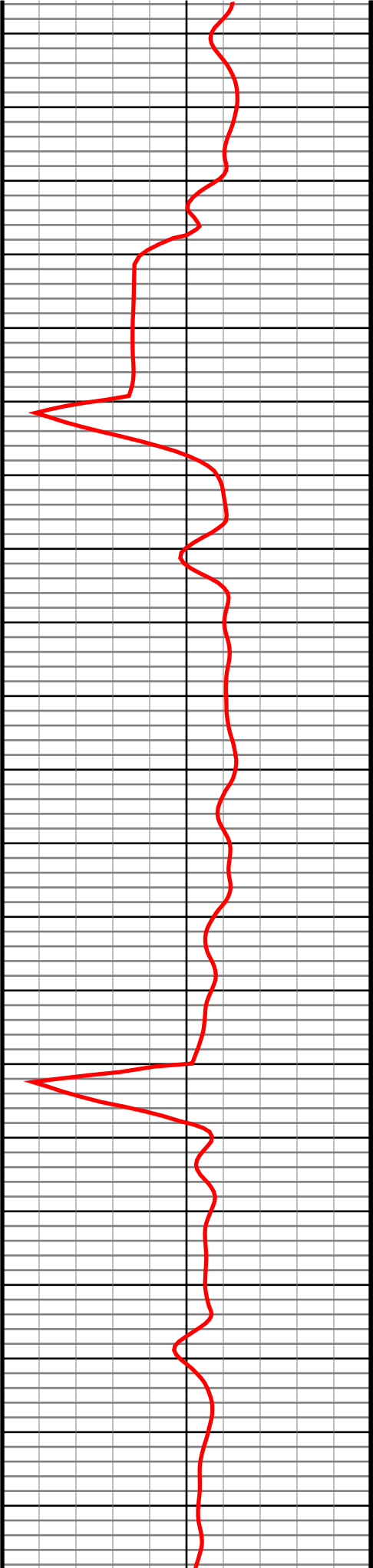


#11 MD(1019.00) Inc(0.7) Azm(355.9) TVD(1018.88)  
VS(-0.59) NS(0.74) EW(0.54) TEMP(0.0)

#12 MD(1115.00) Inc(0.4) Azm(4.7) TVD(1114.87)  
VS(-0.64) NS(1.66) EW(0.53) TEMP(0.0)



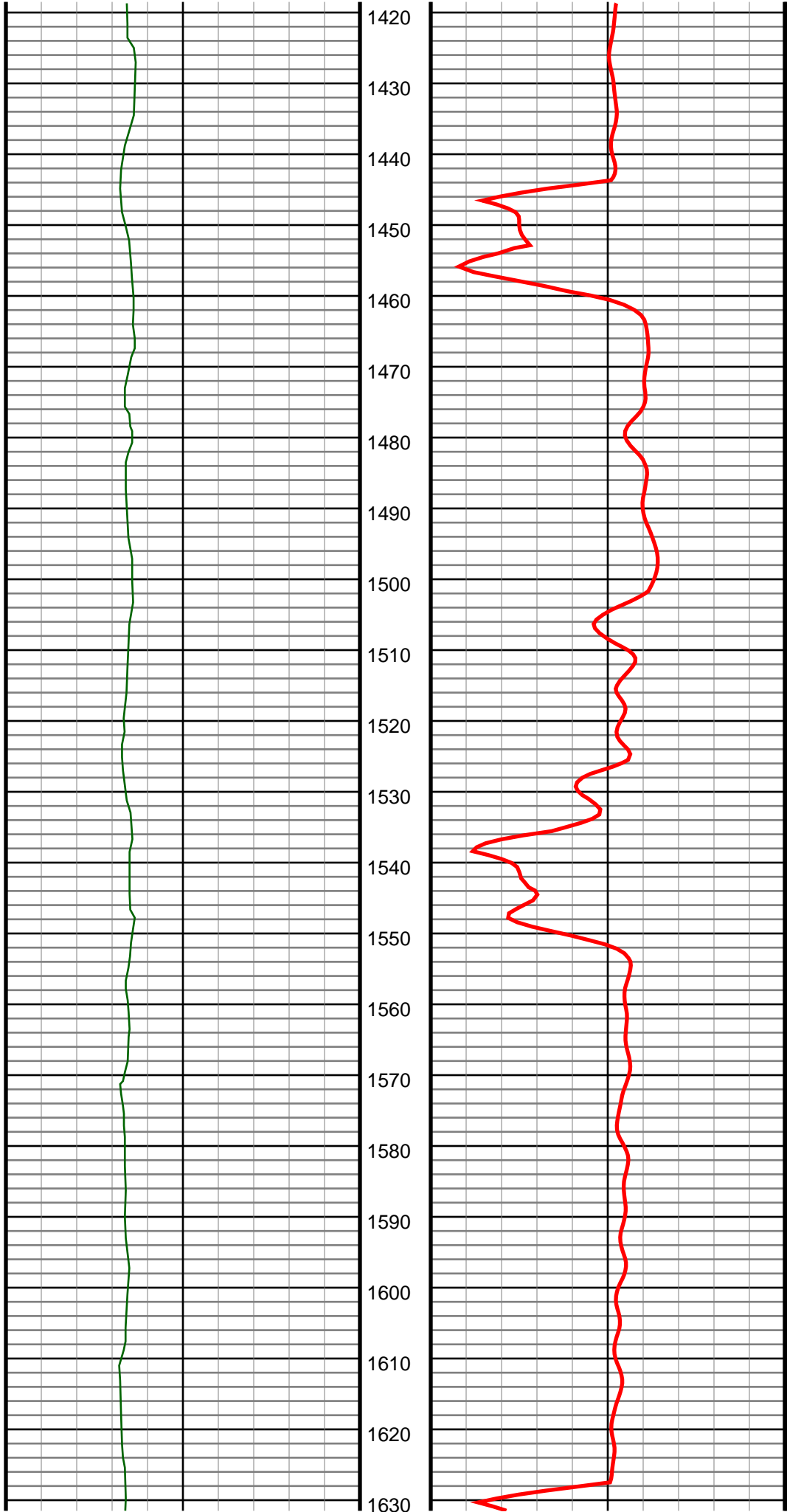
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#13 MD(1207.00) Inc(0.7) Azm(15.6) TVD(1206.87)  
VS(-0.87) NS(2.52) EW(0.71) TEMP(0.0)

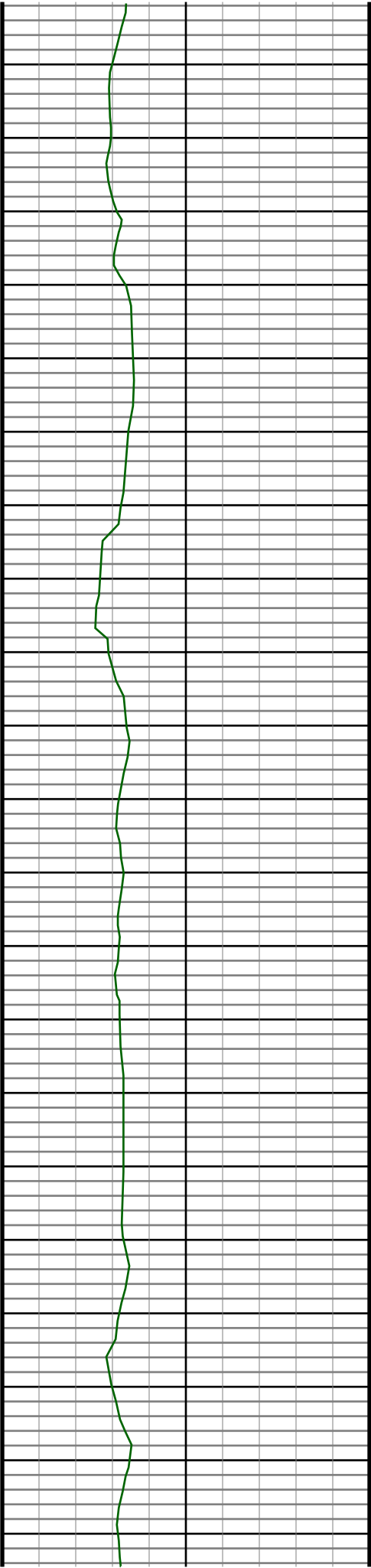
#14 MD(1299.00) Inc(0.4) Azm(341.7) TVD(1298.86)  
VS(-0.97) NS(3.37) EW(0.76) TEMP(0.0)

#15 MD(1391.00) Inc(0.4) Azm(9.1) TVD(1390.86)  
VS(-0.96) NS(3.99) EW(0.71) TEMP(0.0)

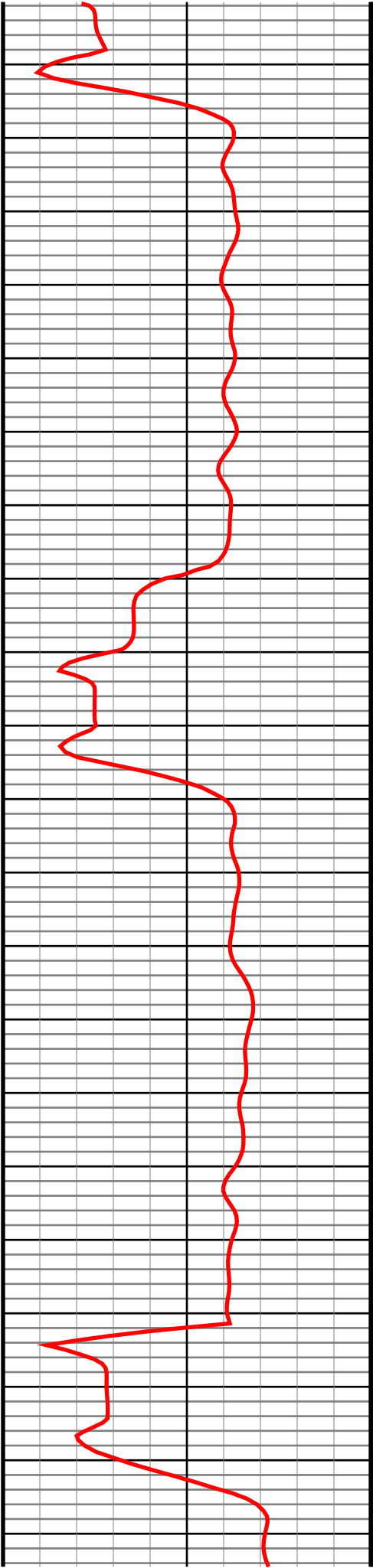


#16 MD(1483.00) Inc(0.6) Azm(160.1) TVD(1482.86)  
VS(-1.17) NS(3.86) EW(0.92) TEMP(0.0)

#17 MD(1575.00) Inc(1.8) Azm(168.2) TVD(1574.84)  
VS(-1.51) NS(1.99) EW(1.38) TEMP(0.0)

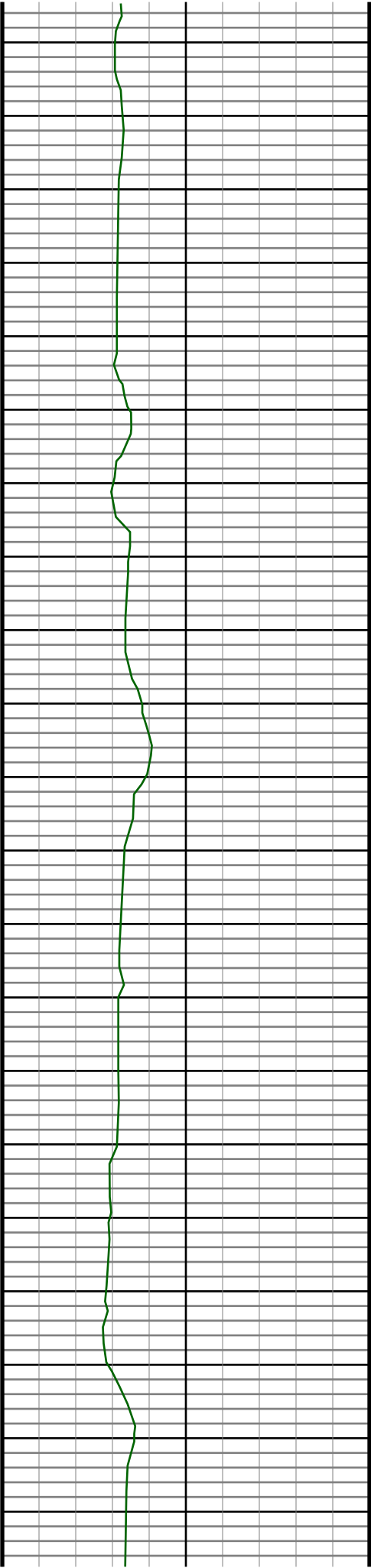


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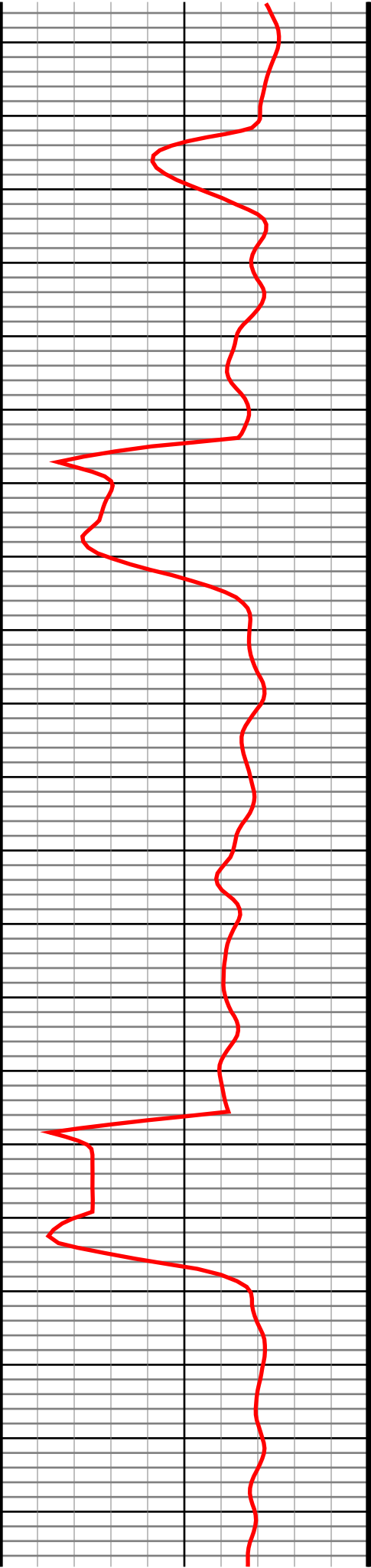


#18 MD(1668.00) Inc(3.1) Azm(157.7) TVD(1667.75)  
VS(-2.52) NS(-1.77) EW(2.63) TEMP(0.0)

#19 MD(1760.00) Inc(4.1) Azm(147.1) TVD(1759.57)  
VS(-4.92) NS(-6.83) EW(5.36) TEMP(0.0)



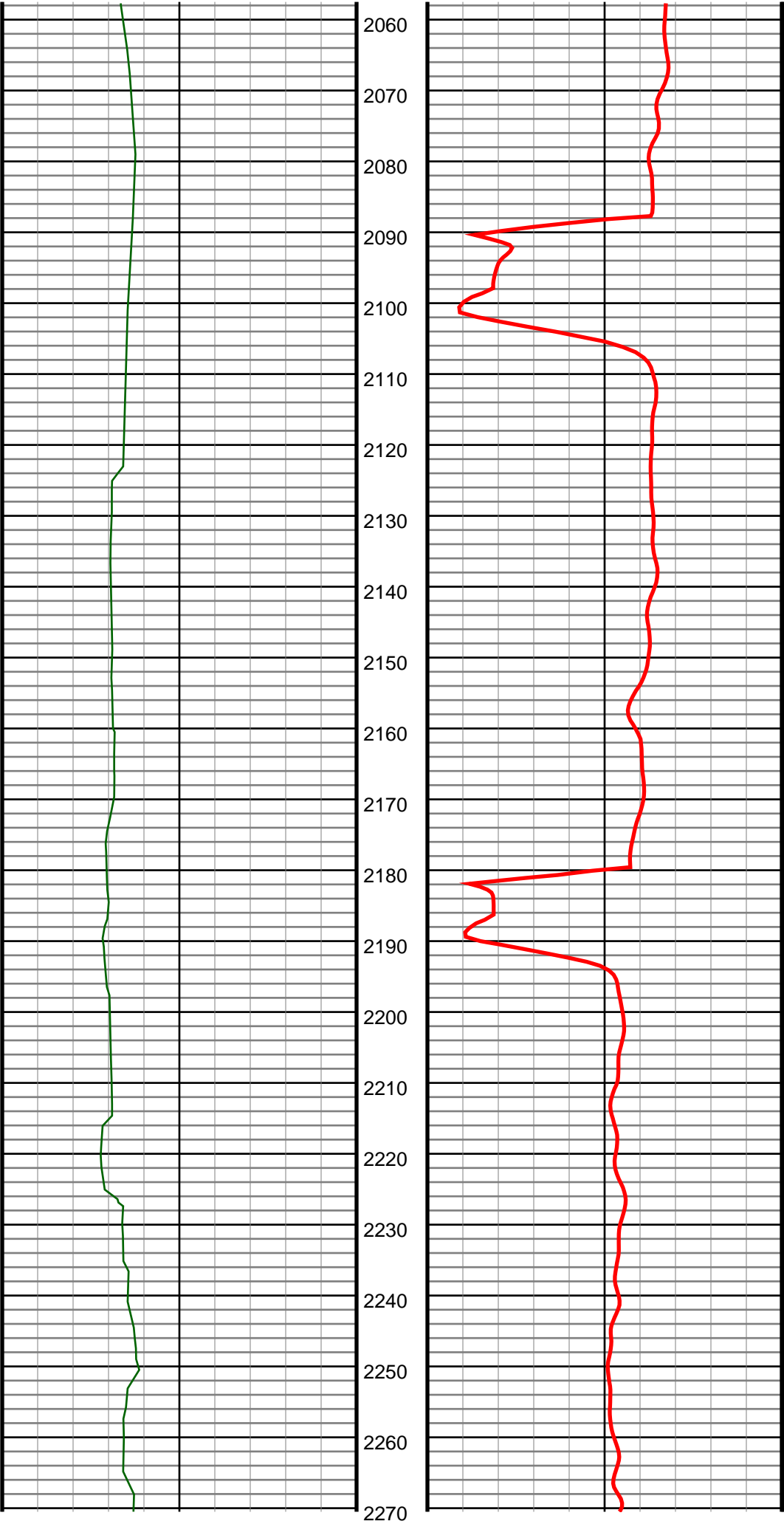
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#20 MD(1852.00) Inc(5.7) Azm(146.8) TVD(1851.23)  
VS(-8.77) NS(-13.42) EW(9.65) TEMP(0.0)

#21 MD(1944.00) Inc(6.4) Azm(146.6) TVD(1942.72)  
VS(-13.57) NS(-21.52) EW(14.98) TEMP(0.0)

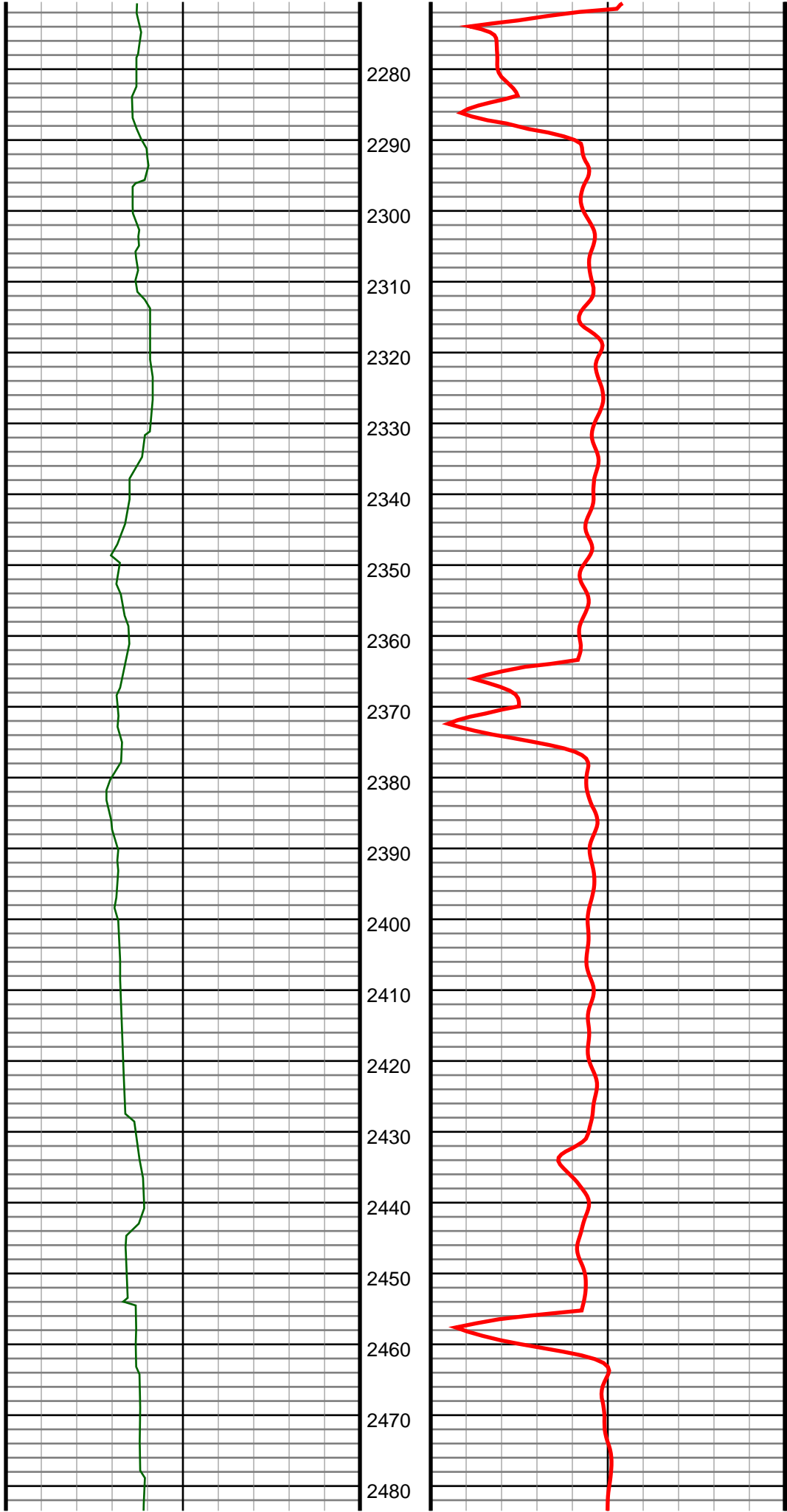
#22 MD(2036.00) Inc(7.1) Azm(151.2) TVD(2034.08)  
VS(-18.52) NS(-30.78) EW(20.54) TEMP(0.0)



#23 MD(2128.00) Inc(8.3) Azm(150.5) TVD(2125.25)  
VS(-23.83) NS(-41.55) EW(26.55) TEMP(0.0)

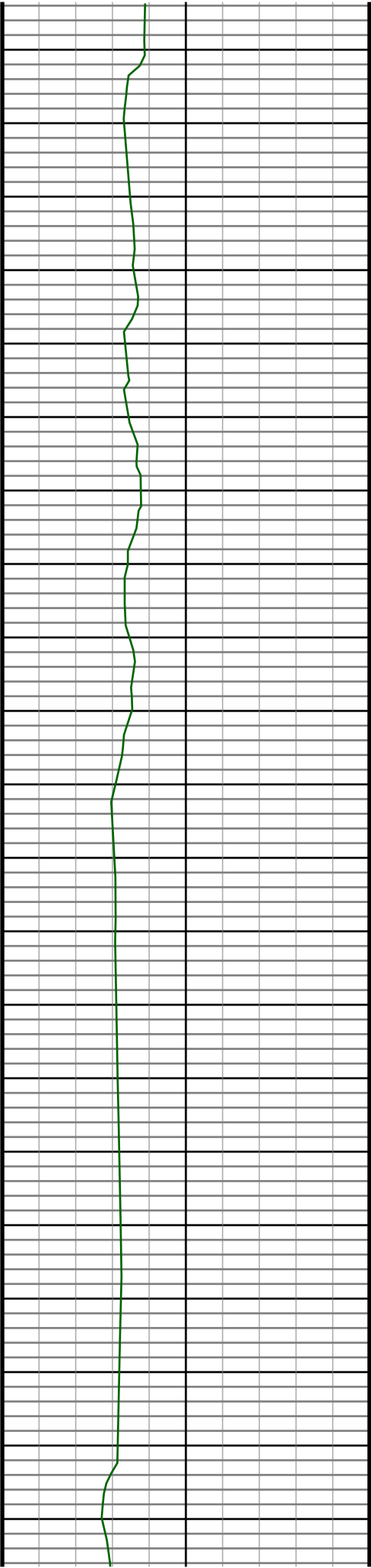
#24 MD(2220.00) Inc(7.9) Azm(149.1) TVD(2216.33)  
VS(-29.61) NS(-52.75) EW(33.07) TEMP(0.0)



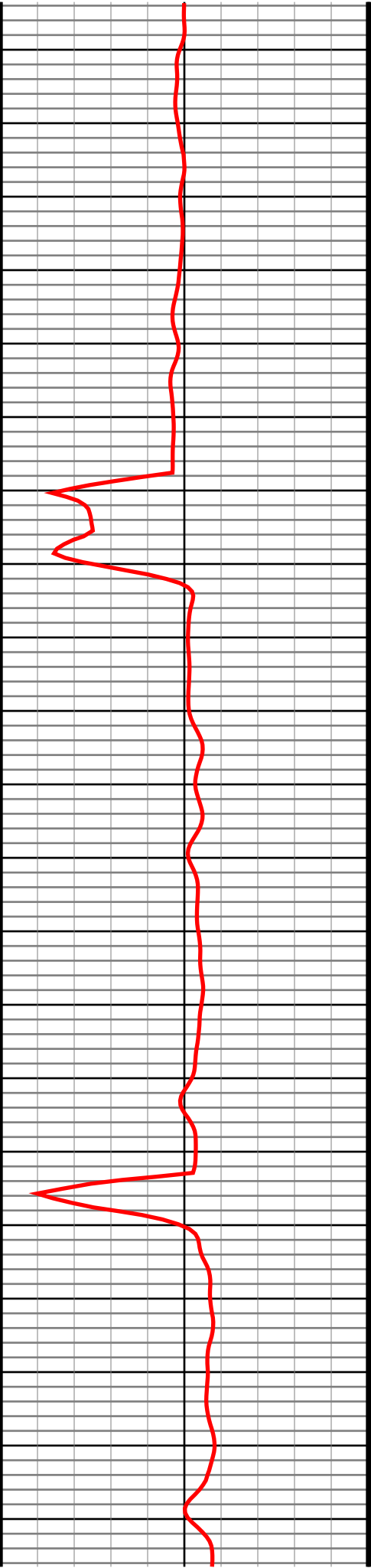


#25 MD(2312.00) Inc(9.0) Azm(154.5) TVD(2307.33)  
VS(-35.18) NS(-64.67) EW(39.41) TEMP(0.0)

#26 MD(2404.00) Inc(9.4) Azm(150.6) TVD(2398.15)  
VS(-41.11) NS(-77.71) EW(46.20) TEMP(0.0)



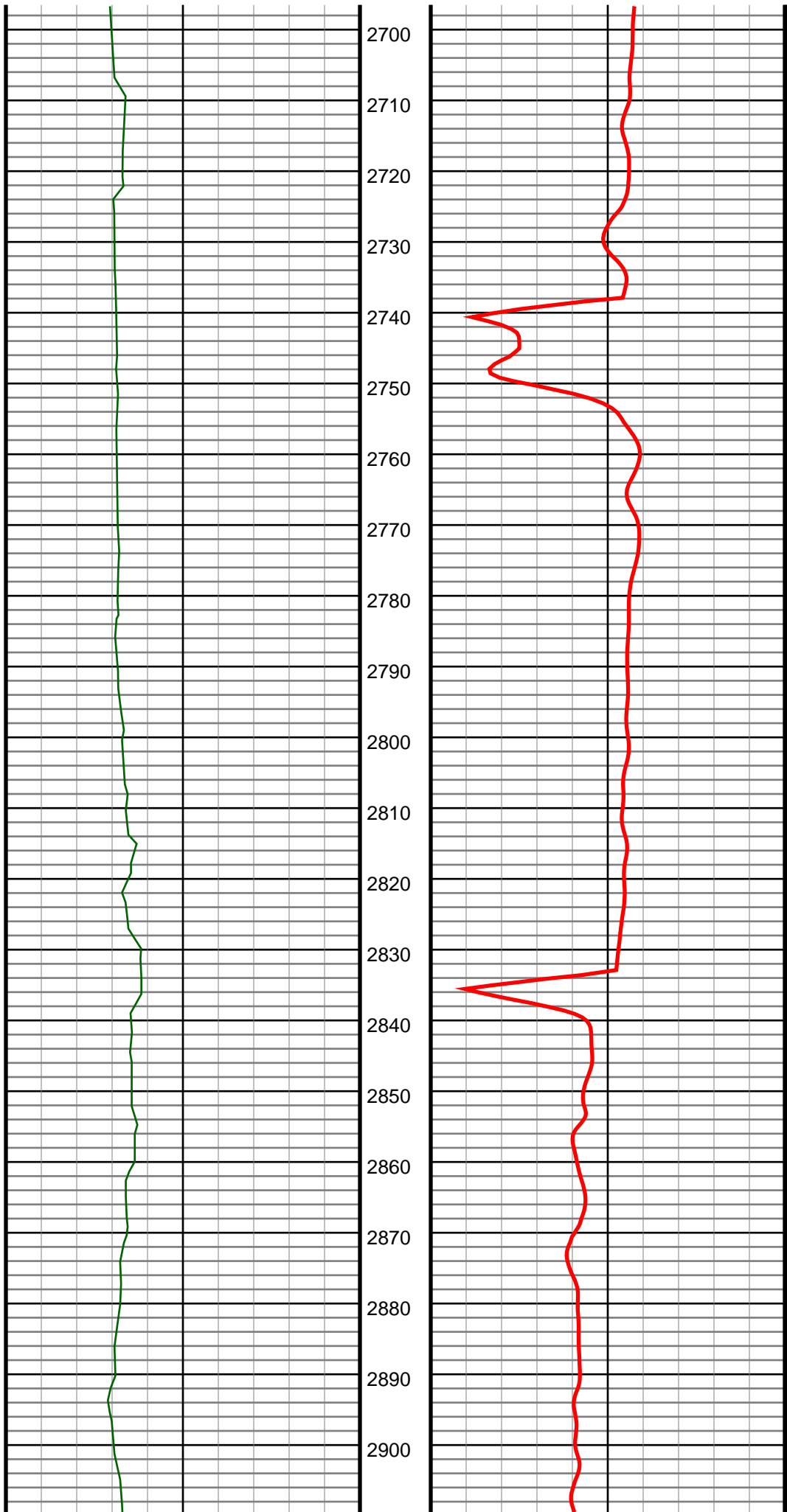
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#27 MD(2496.00) Inc(9.0) Azm(146.9) TVD(2488.97)  
VS(-47.91) NS(-90.29) EW(53.81) TEMP(0.0)

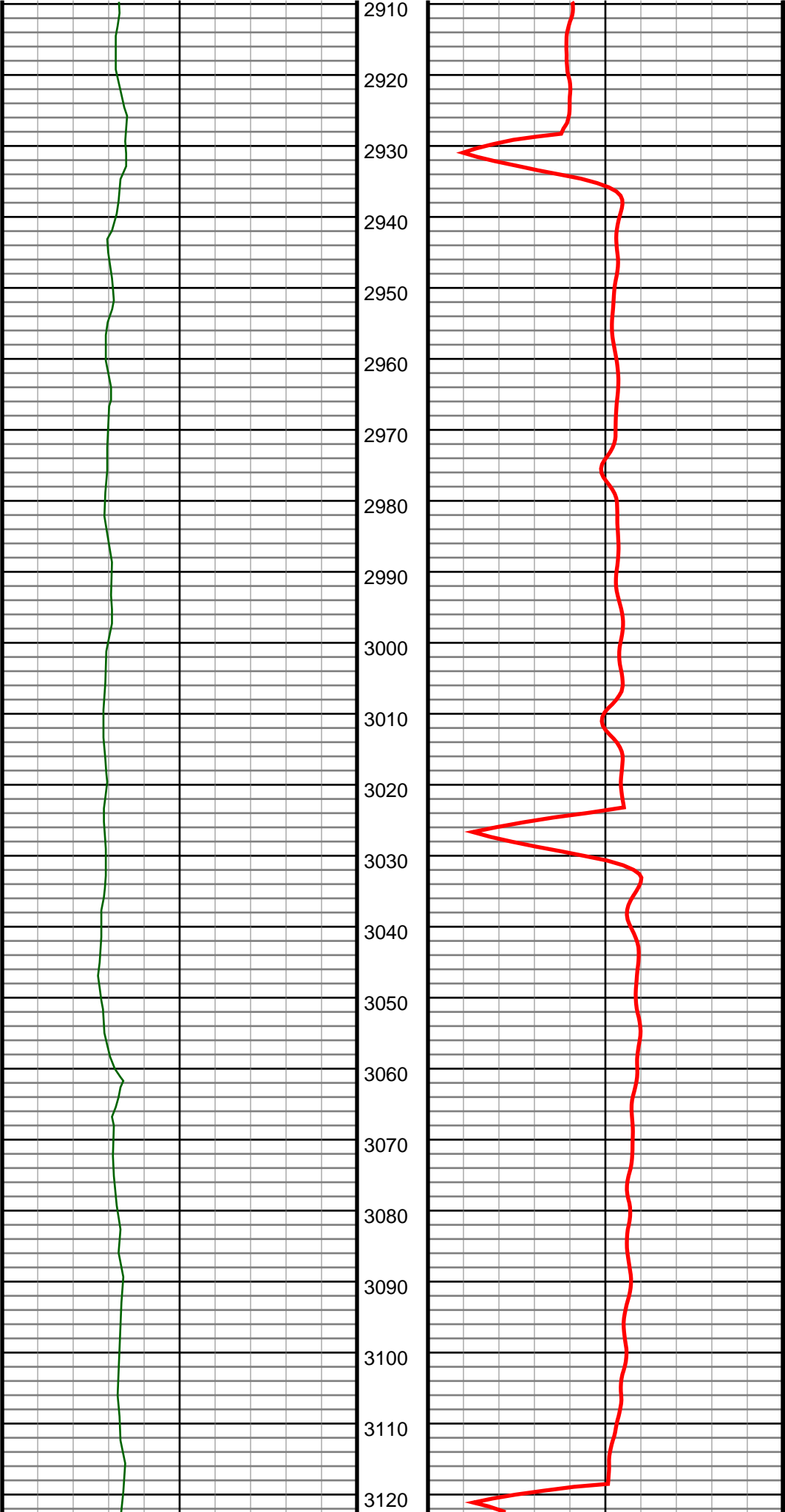
#28 MD(2592.00) Inc(9.1) Azm(150.3) TVD(2583.77)  
VS(-54.93) NS(-103.17) EW(61.68) TEMP(0.0)

#29 MD(2687.00) Inc(9.3) Azm(144.8) TVD(2677.55)  
VS(-62.24) NS(-115.97) EW(69.82) TEMP(0.0)



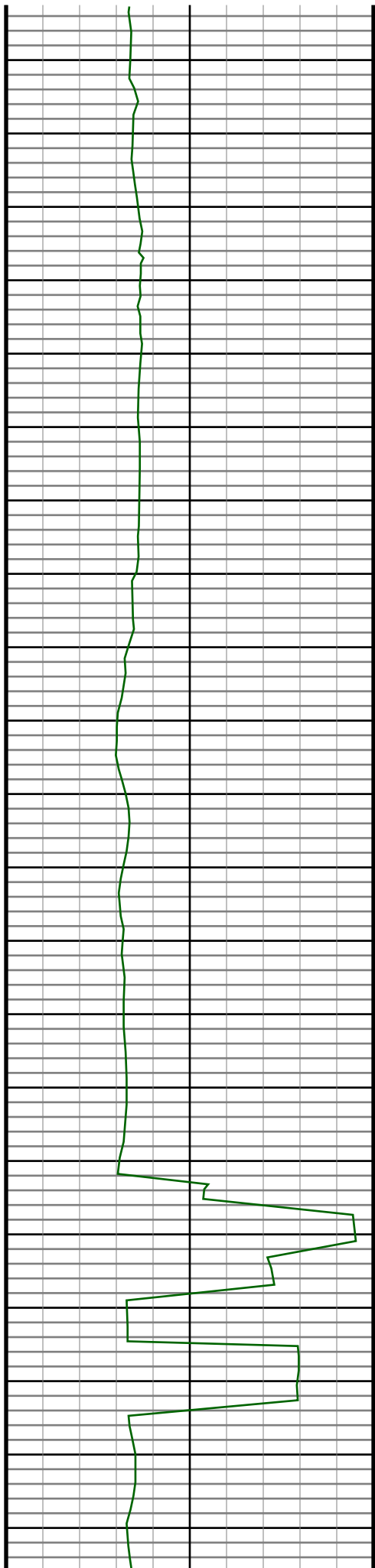
#30 MD(2782.00) Inc(9.3) Azm(153.1) TVD(2771.31)  
VS(-69.28) NS(-129.09) EW(77.72) TEMP(0.0)

#31 MD(2878.00) Inc(8.9) Azm(148.0) TVD(2866.10)  
VS(-75.86) NS(-142.30) EW(85.17) TEMP(0.0)

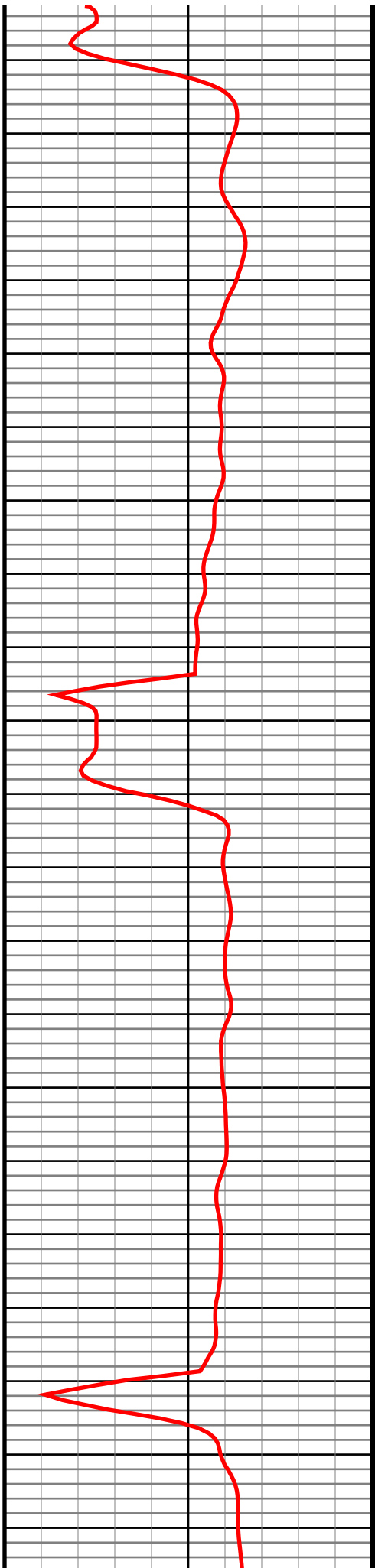


#32 MD(2973.00) Inc(8.6) Azm(149.2) TVD(2960.00)  
VS(-82.58) NS(-154.64) EW(92.70) TEMP(0.0)

#33 MD(3068.00) Inc(7.9) Azm(145.2) TVD(3054.01)  
VS(-89.19) NS(-166.10) EW(100.06) TEMP(0.0)

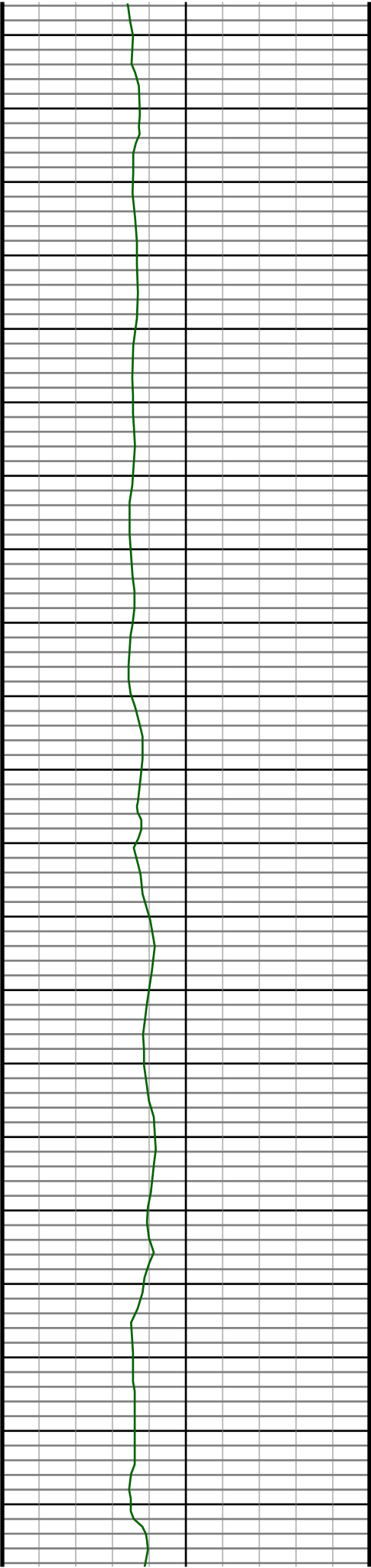


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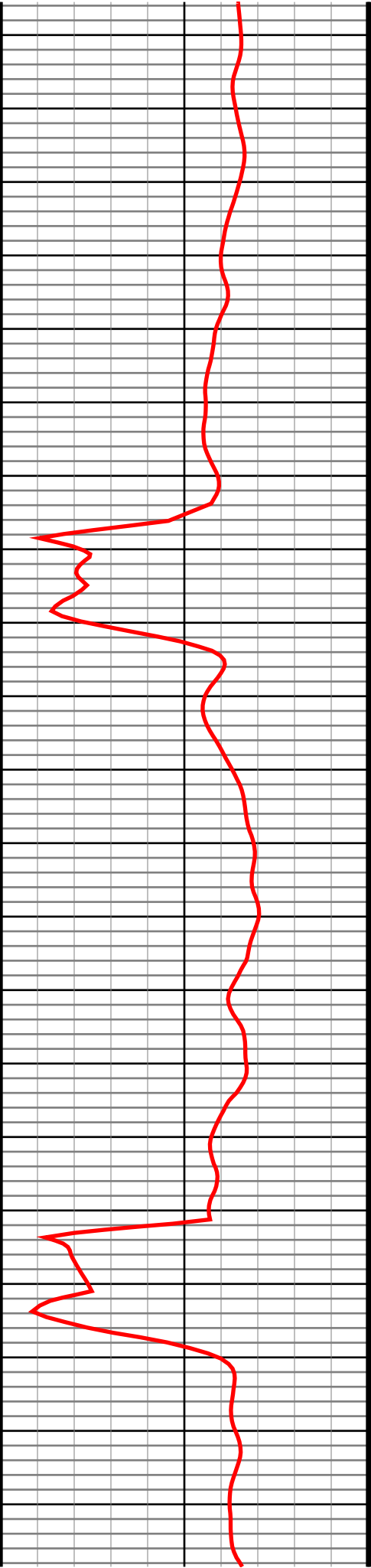


#34 MD(3163.00) Inc(7.1) Azm(152.7) TVD(3148.20)  
VS(-94.92) NS(-176.68) EW(106.48) TEMP(0.0)

#35 MD(3259.00) Inc(7.5) Azm(150.8) TVD(3243.42)  
VS(-100.00) NS(-187.42) EW(112.26) TEMP(0.0)



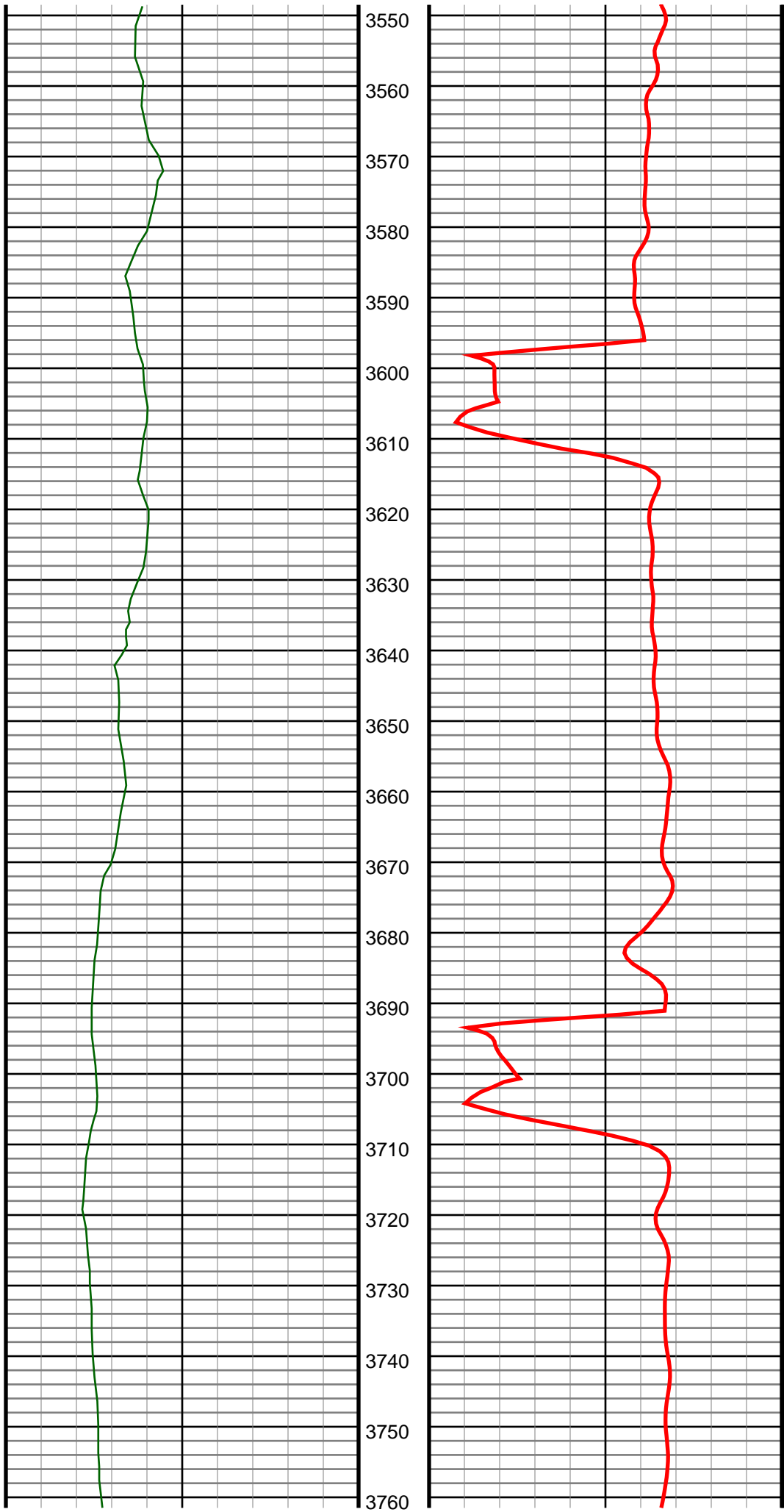
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#36 MD(3354.00) Inc(6.8) Azm(148.7) TVD(3337.69)  
VS(-105.28) NS(-197.64) EW(118.20) TEMP(0.0)

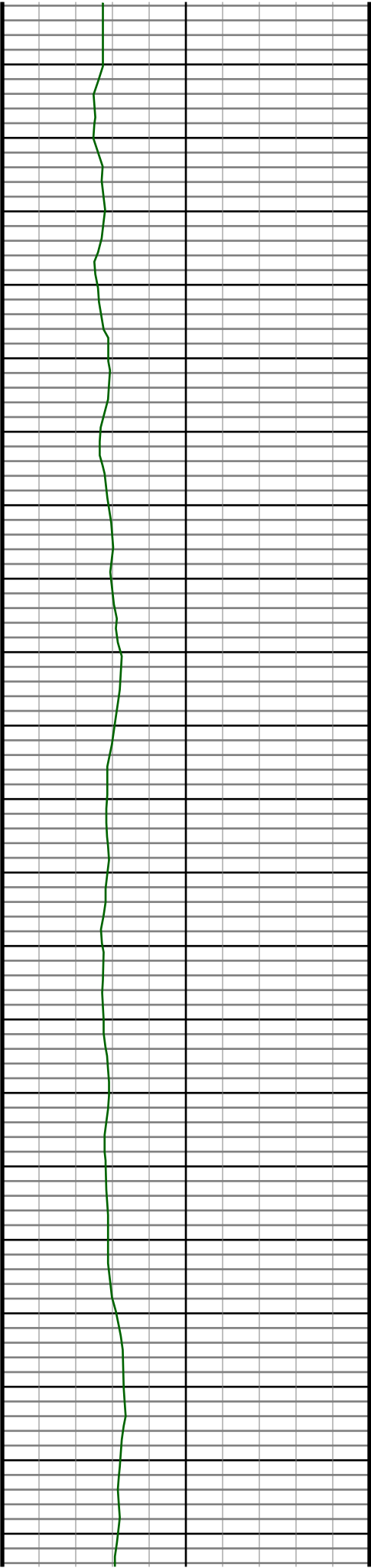
#37 MD(3449.00) Inc(6.2) Azm(150.8) TVD(3432.07)  
VS(-110.09) NS(-206.92) EW(123.63) TEMP(0.0)

#38 MD(3544.00) Inc(6.9) Azm(148.9) TVD(3526.45)  
VS(-114.93) NS(-216.28) EW(129.08) TEMP(0.0)

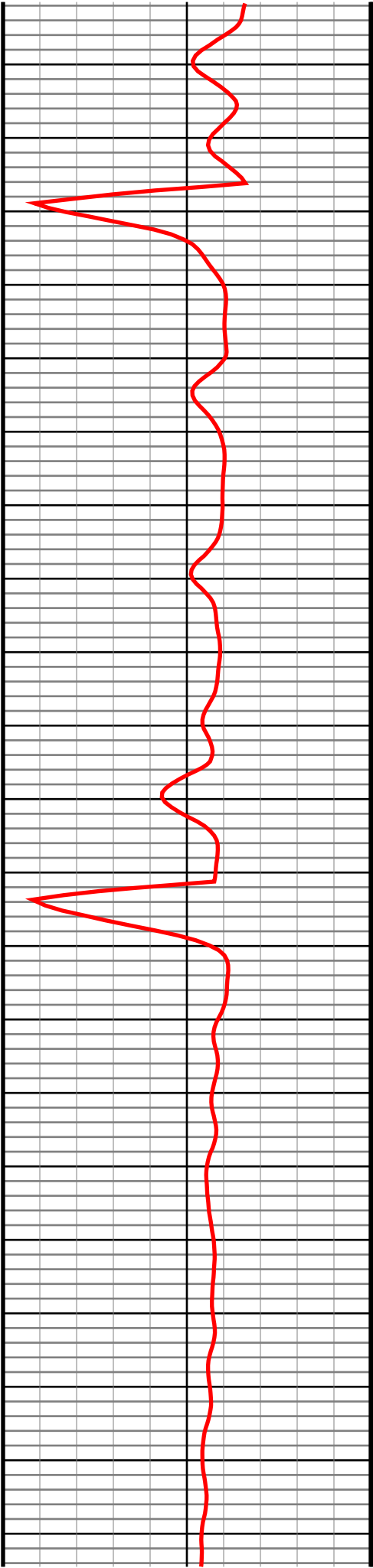


#39 MD(3639.00) Inc(6.6) Azm(150.5) TVD(3620.79)  
VS(-119.94) NS(-225.92) EW(134.72) TEMP(0.0)

#40 MD(3735.00) Inc(7.5) Azm(154.9) TVD(3716.07)  
VS(-124.63) NS(-236.40) EW(140.09) TEMP(0.0)



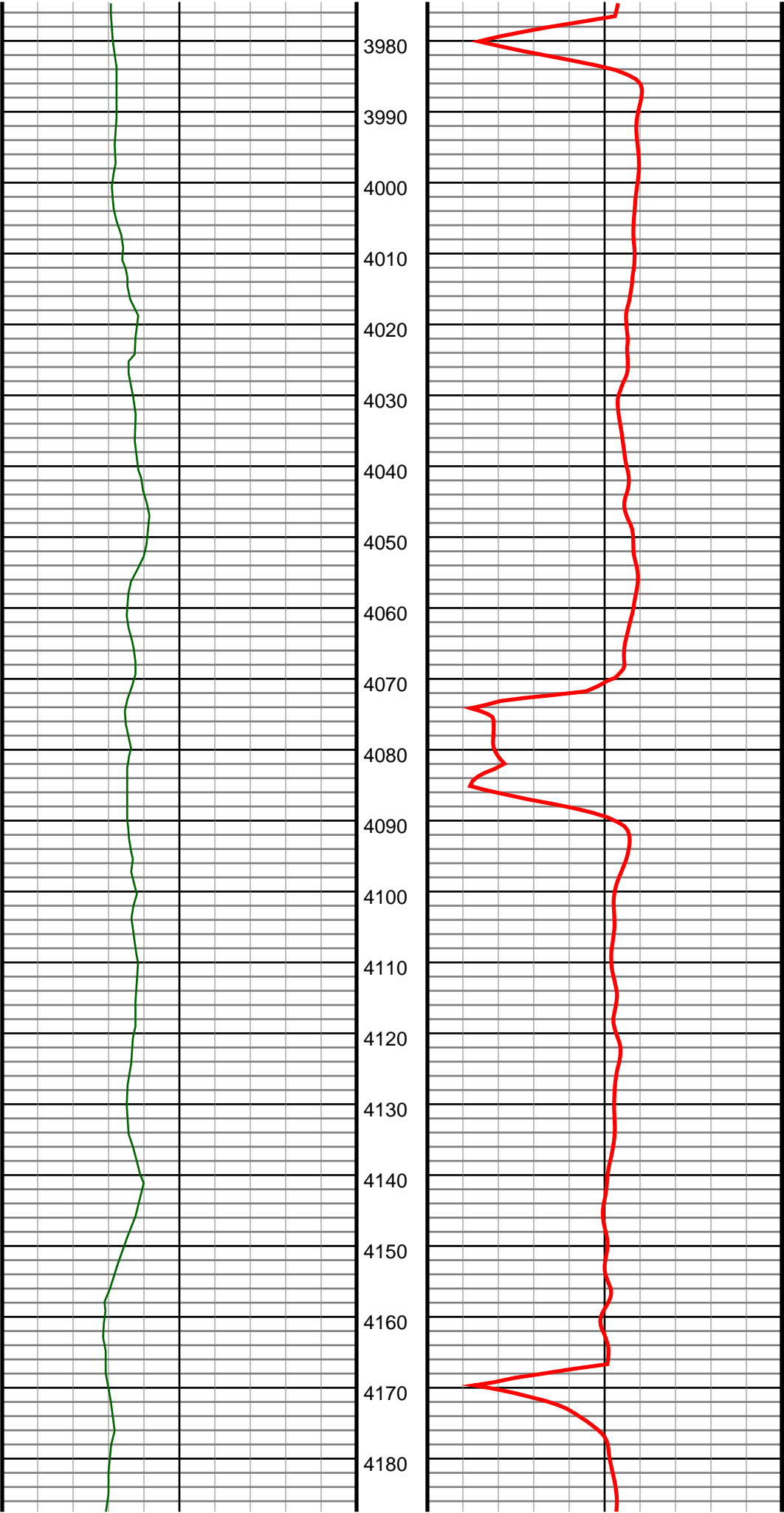
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#41 MD(3830.00) Inc(8.1) Azm(156.1) TVD(3810.19)  
VS(-129.21) NS(-248.13) EW(145.43) TEMP(0.0)

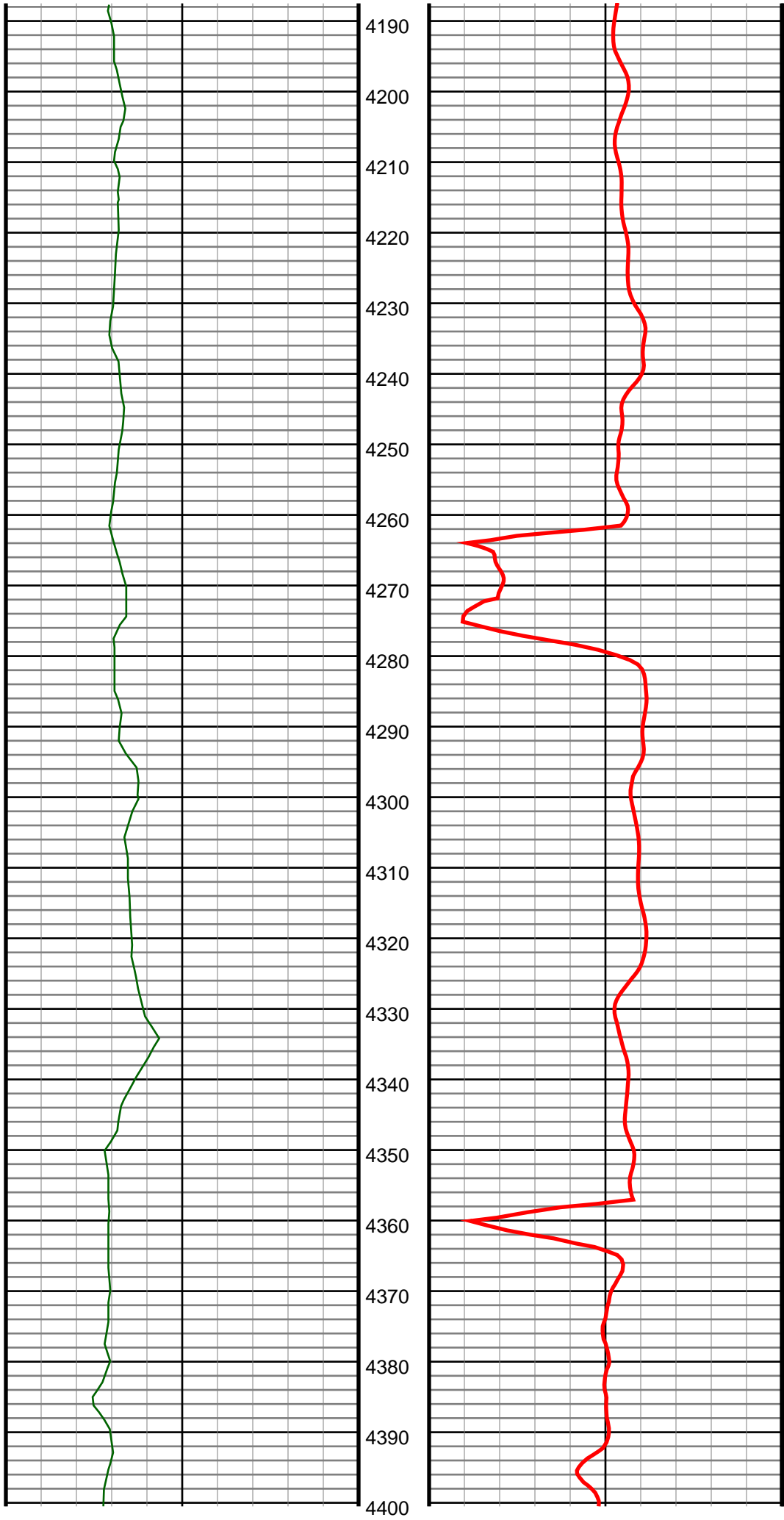
#42 MD(3925.00) Inc(8.2) Azm(154.5) TVD(3904.23)  
VS(-134.04) NS(-260.37) EW(151.06) TEMP(0.0)





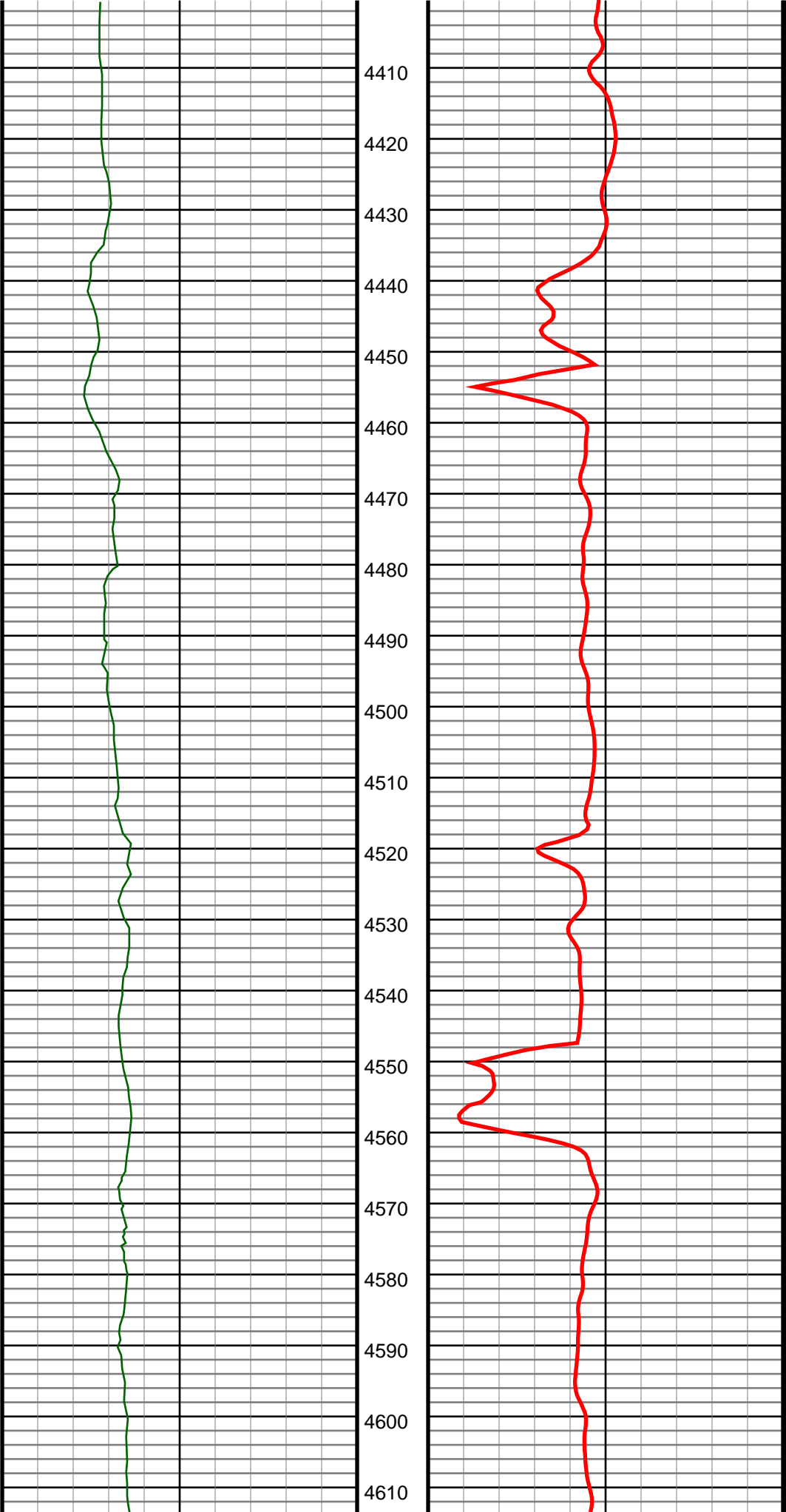
#43 MD(4020.00) Inc(7.2) Azm(154.0) TVD(3998.37)  
VS(-138.82) NS(-271.83) EW(156.59) TEMP(0.0)

#44 MD(4115.00) Inc(7.6) Azm(146.8) TVD(4092.58)  
VS(-144.17) NS(-282.44) EW(162.64) TEMP(0.0)



#45 MD(4211.00) Inc(6.9) Azm(147.6) TVD(4187.81)  
VS(-150.07) NS(-292.62) EW(169.20) TEMP(0.0)

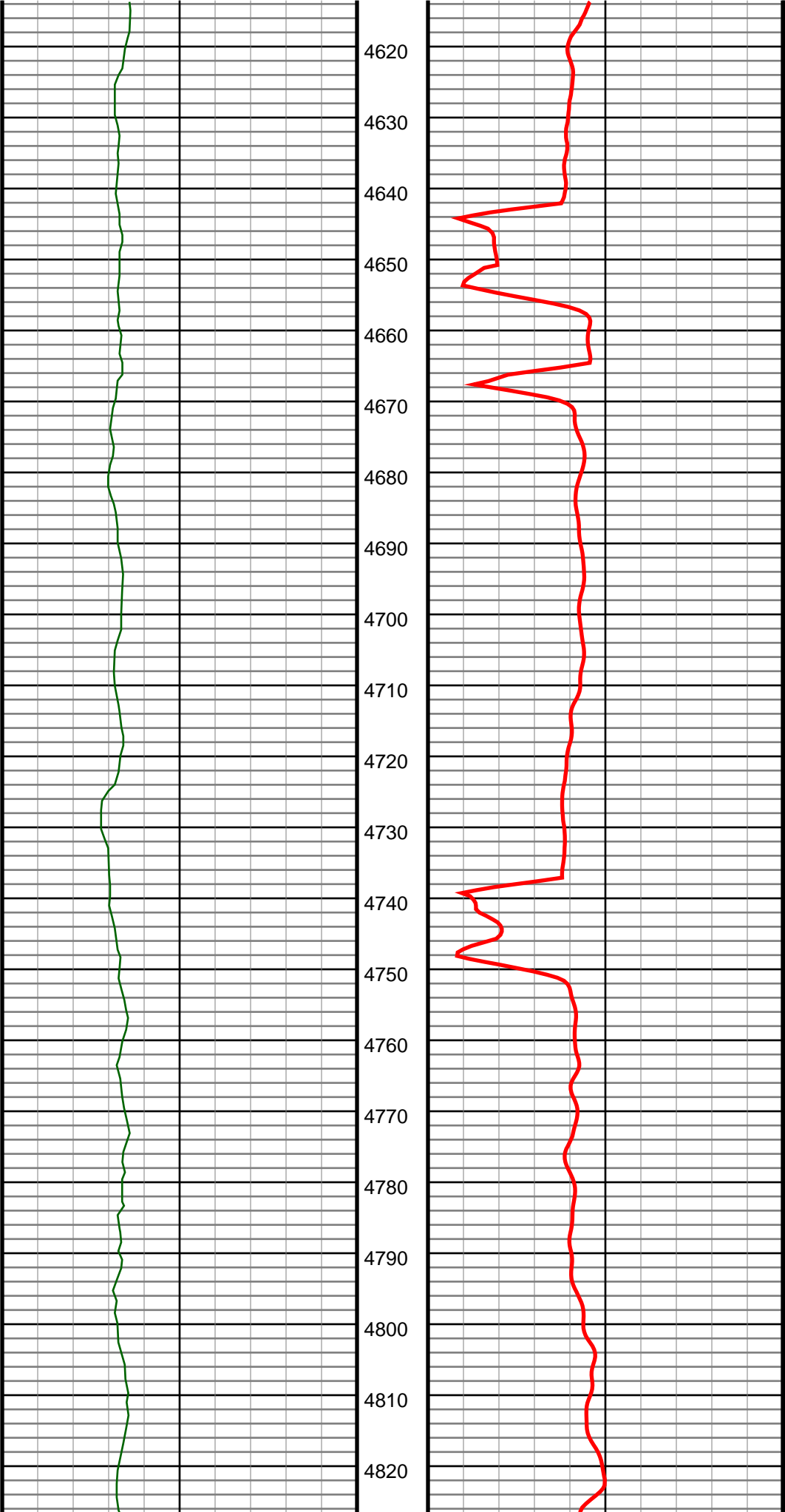
#46 MD(4306.00) Inc(7.6) Azm(147.8) TVD(4282.05)  
VS(-155.81) NS(-302.75) EW(175.61) TEMP(0.0)



#47 MD(4401.00) Inc(7.0) Azm(146.9) TVD(4376.28)  
VS(-161.66) NS(-312.92) EW(182.12) TEMP(0.0)

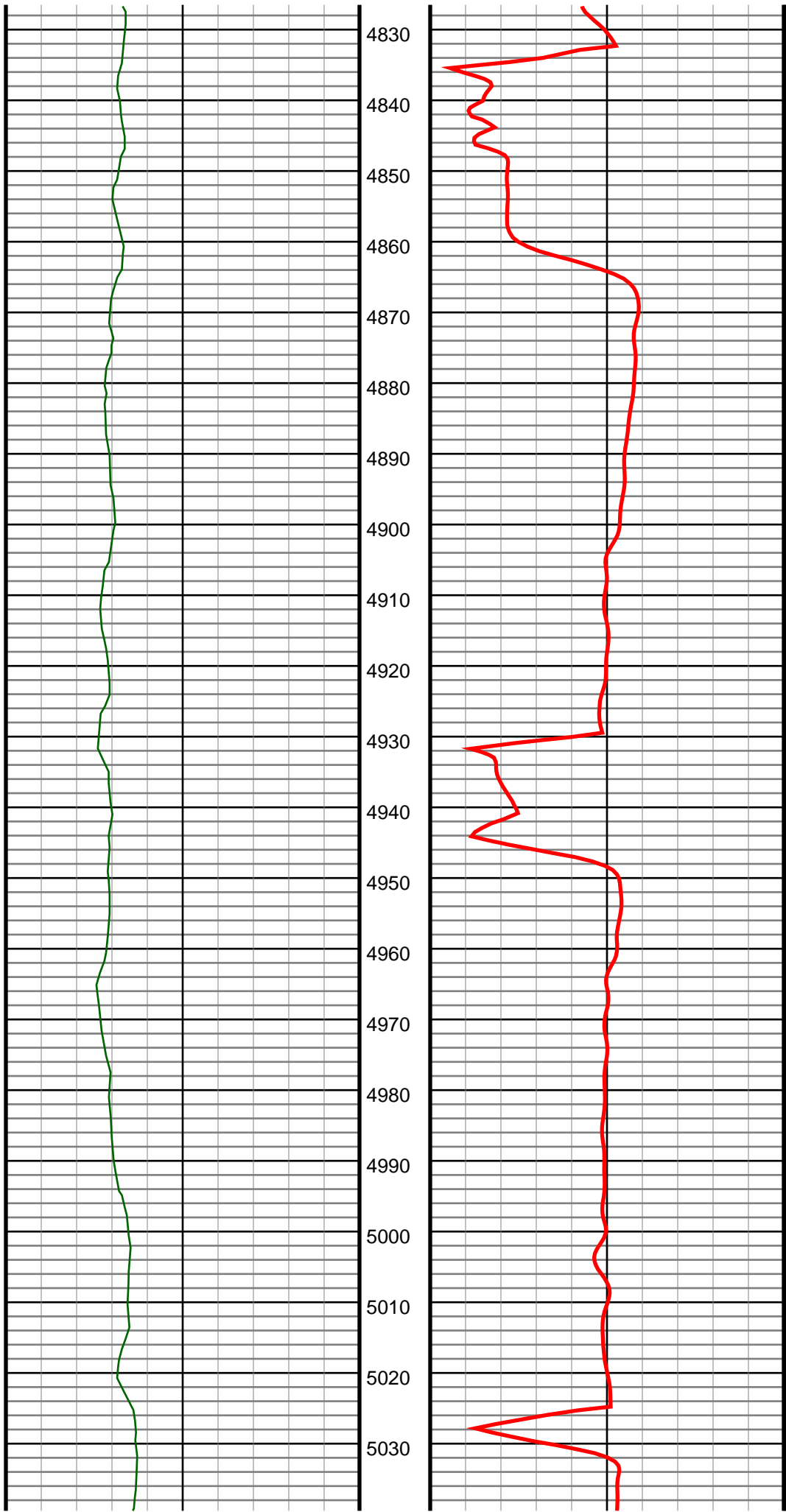
#48 MD(4496.00) Inc(6.4) Azm(144.1) TVD(4470.64)  
VS(-167.32) NS(-322.06) EW(188.38) TEMP(0.0)

#49 MD(4591.00) Inc(7.1) Azm(146.6) TVD(4564.98)  
VS(-173.06) NS(-331.25) EW(194.72) TEMP(0.0)



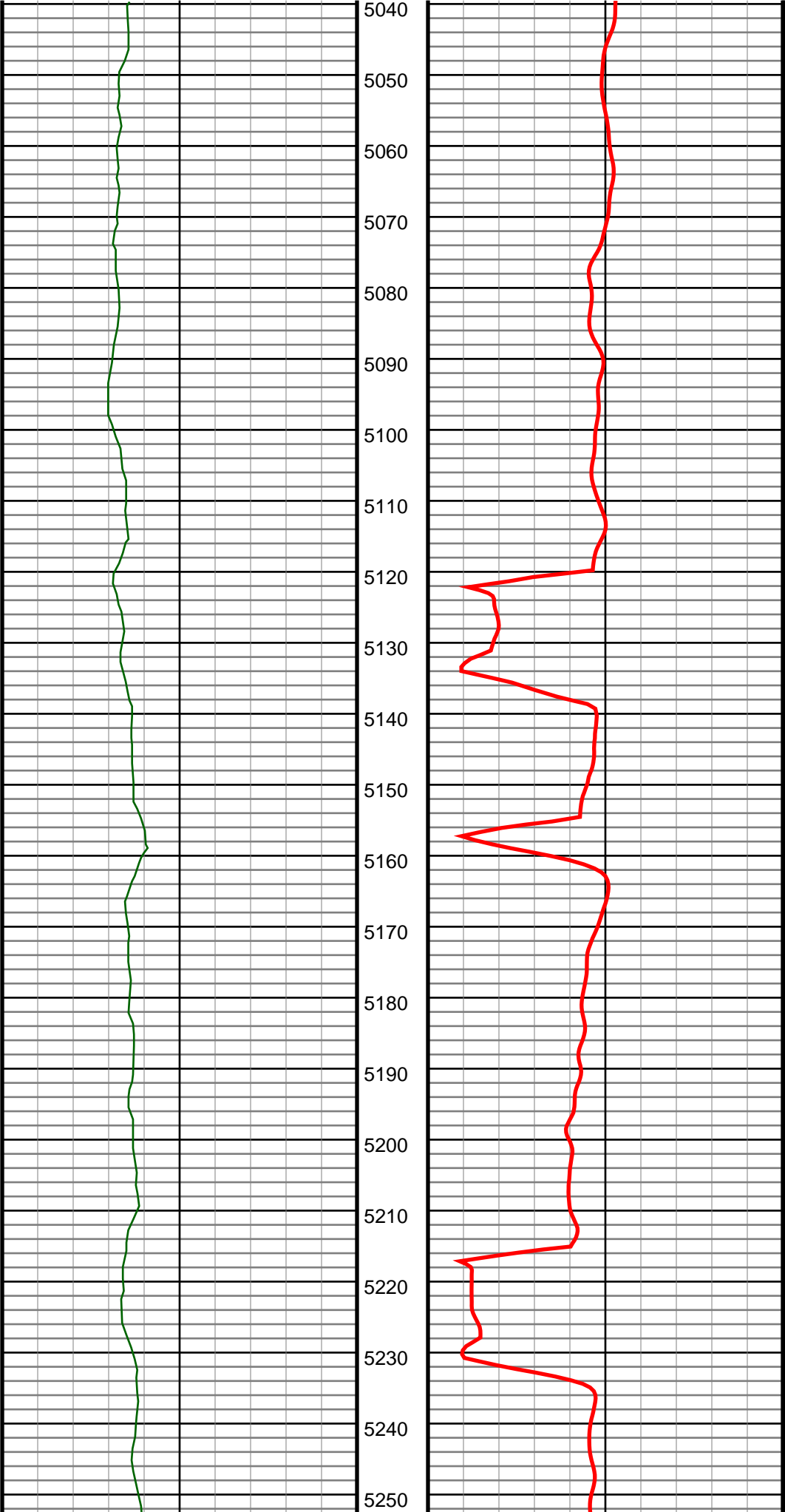
#50 MD(4687.00) Inc(7.5) Azm(149.4) TVD(4660.20)  
VS(-178.84) NS(-341.59) EW(201.17) TEMP(0.0)

#51 MD(4782.00) Inc(7.4) Azm(150.5) TVD(4754.40)  
VS(-184.31) NS(-352.26) EW(207.34) TEMP(0.0)



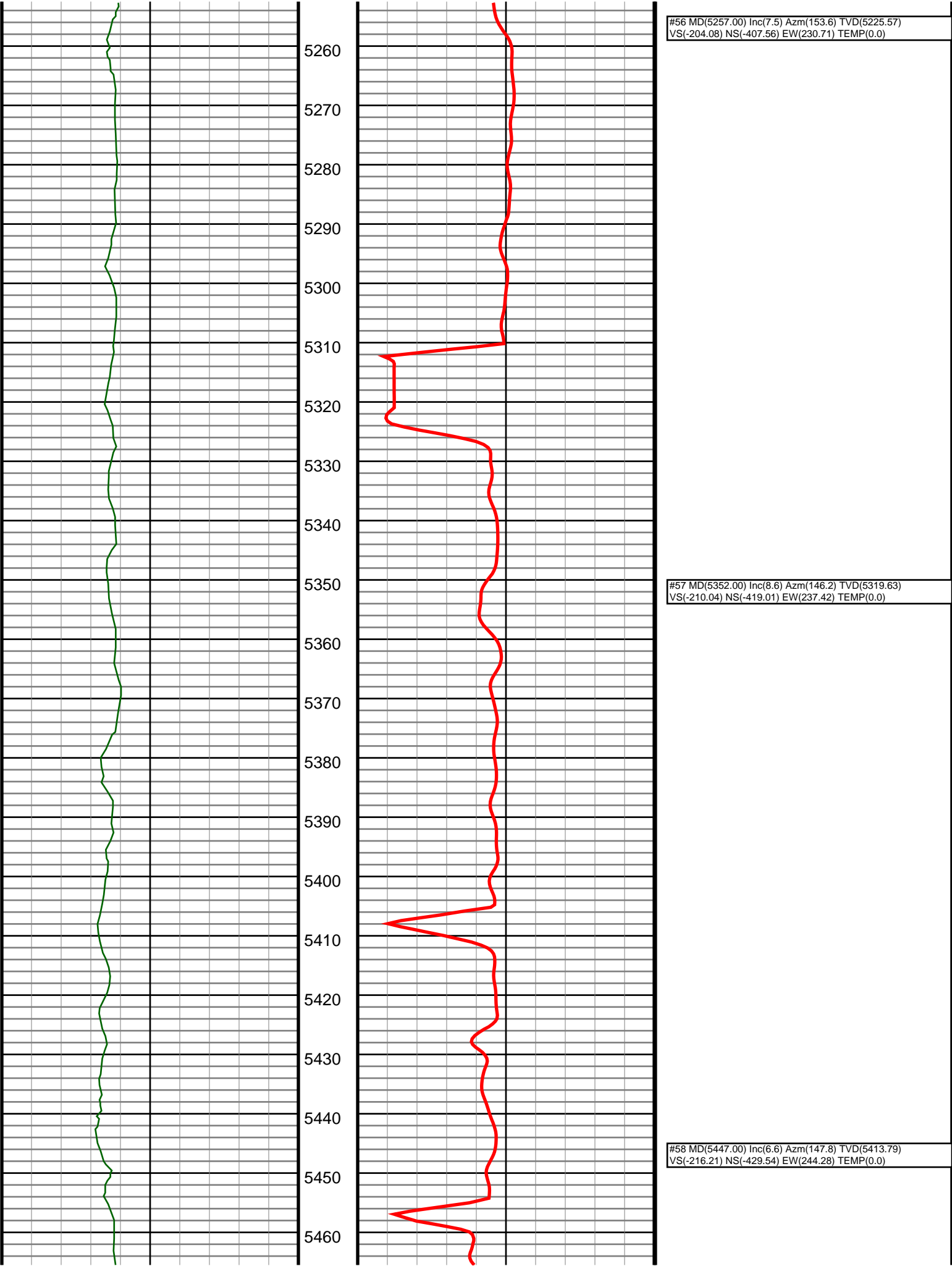
#52 MD(4876.00) Inc(6.7) Azm(155.6) TVD(4847.69)  
VS(-188.88) NS(-362.52) EW(212.59) TEMP(0.0)

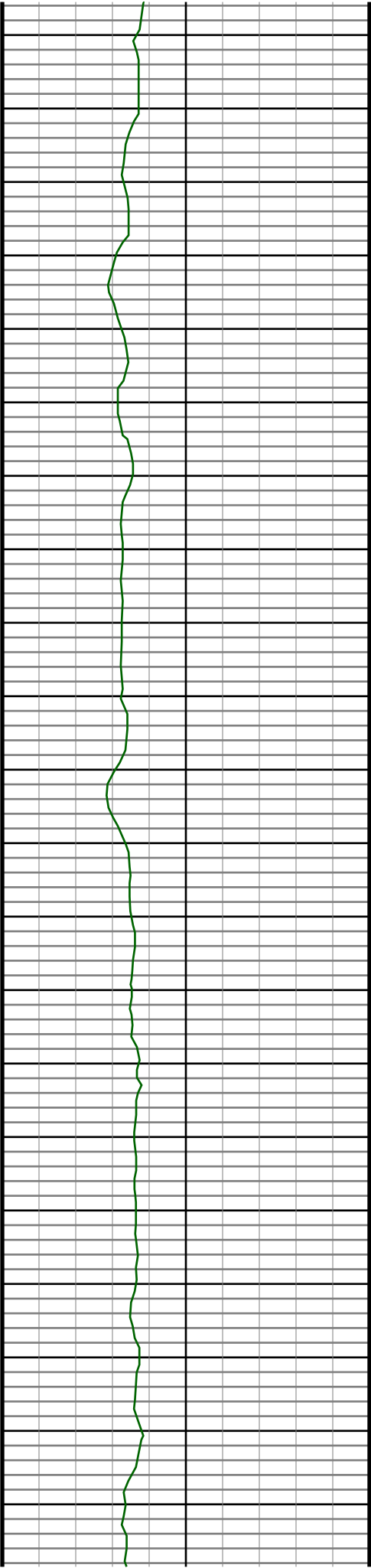
#53 MD(4971.00) Inc(8.3) Azm(159.9) TVD(4941.87)  
VS(-192.78) NS(-374.01) EW(217.24) TEMP(0.0)



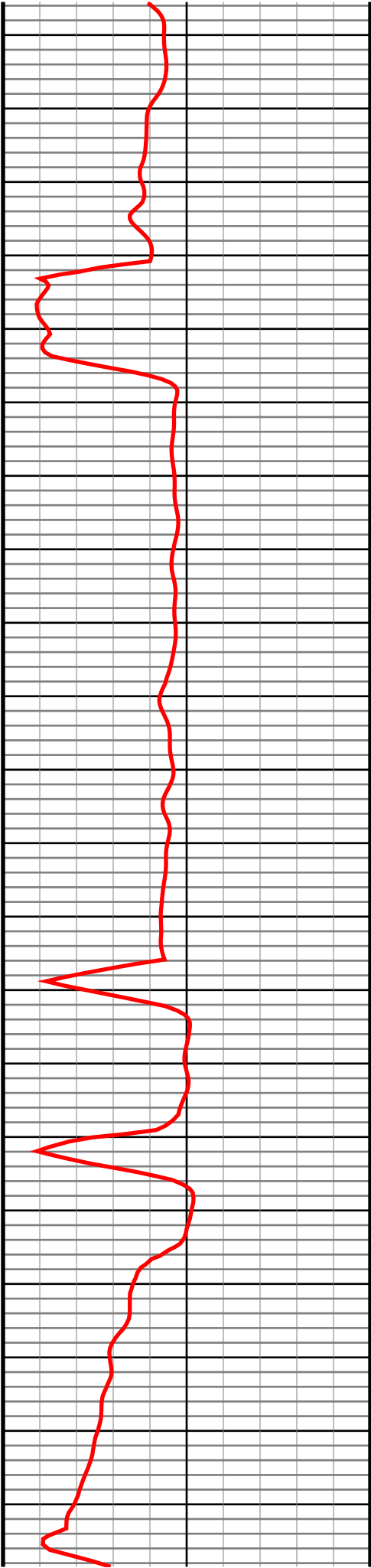
#54 MD(5067.00) Inc(7.0) Azm(158.4) TVD(5037.01)  
VS(-196.54) NS(-385.95) EW(221.77) TEMP(0.0)

#55 MD(5162.00) Inc(6.9) Azm(159.2) TVD(5131.32)  
VS(-200.00) NS(-396.67) EW(225.93) TEMP(0.0)





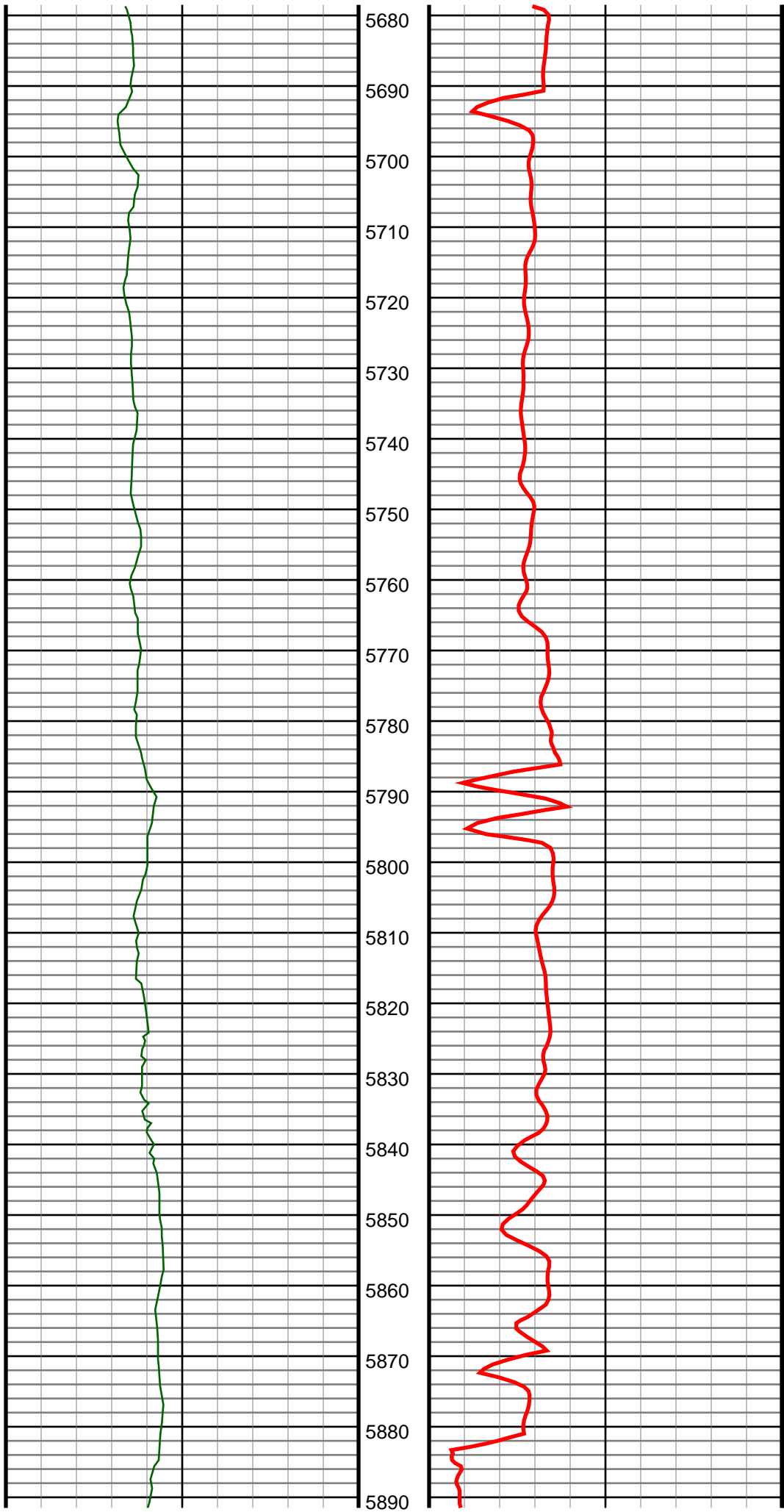
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#59 MD(5542.00) Inc(6.8) Azm(142.5) TVD(5508.15)  
VS(-221.95) NS(-438.62) EW(250.61) TEMP(0.0)

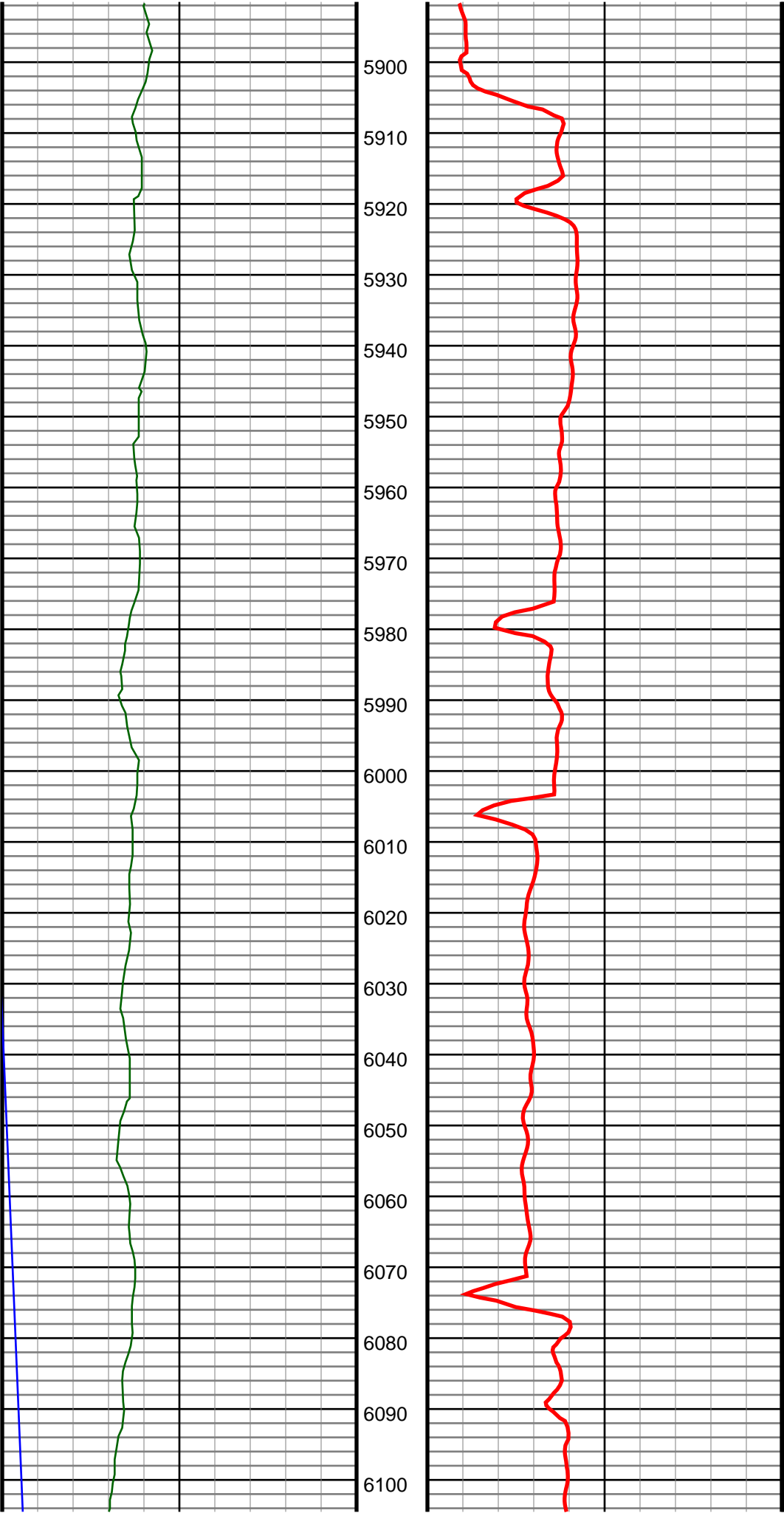
#60 MD(5637.00) Inc(5.1) Azm(135.9) TVD(5602.63)  
VS(-227.81) NS(-446.11) EW(256.98) TEMP(0.0)





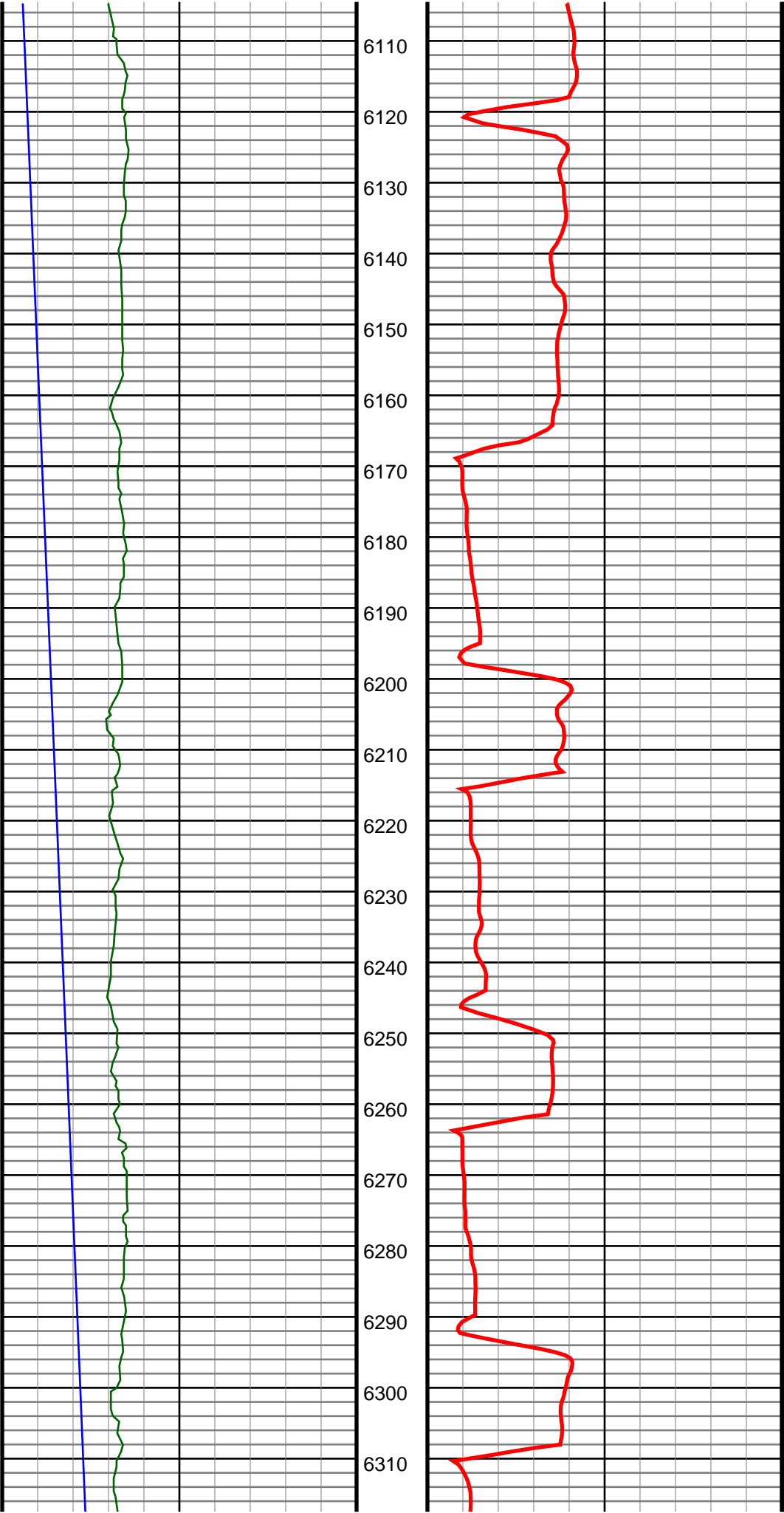
#61 MD(5733.00) Inc(3.7) Azm(132.9) TVD(5698.35)  
VS(-232.71) NS(-451.29) EW(262.22) TEMP(0.0)

#62 MD(5828.00) Inc(3.1) Azm(132.7) TVD(5793.18)  
VS(-236.59) NS(-455.12) EW(266.35) TEMP(0.0)



#63 MD(5923.00) Inc(1.0) Azm(108.1) TVD(5888.11)  
VS(-239.13) NS(-457.12) EW(269.03) TEMP(0.0)

#64 MD(6018.00) Inc(0.7) Azm(90.2) TVD(5983.10)  
VS(-240.48) NS(-457.37) EW(270.39) TEMP(0.0)



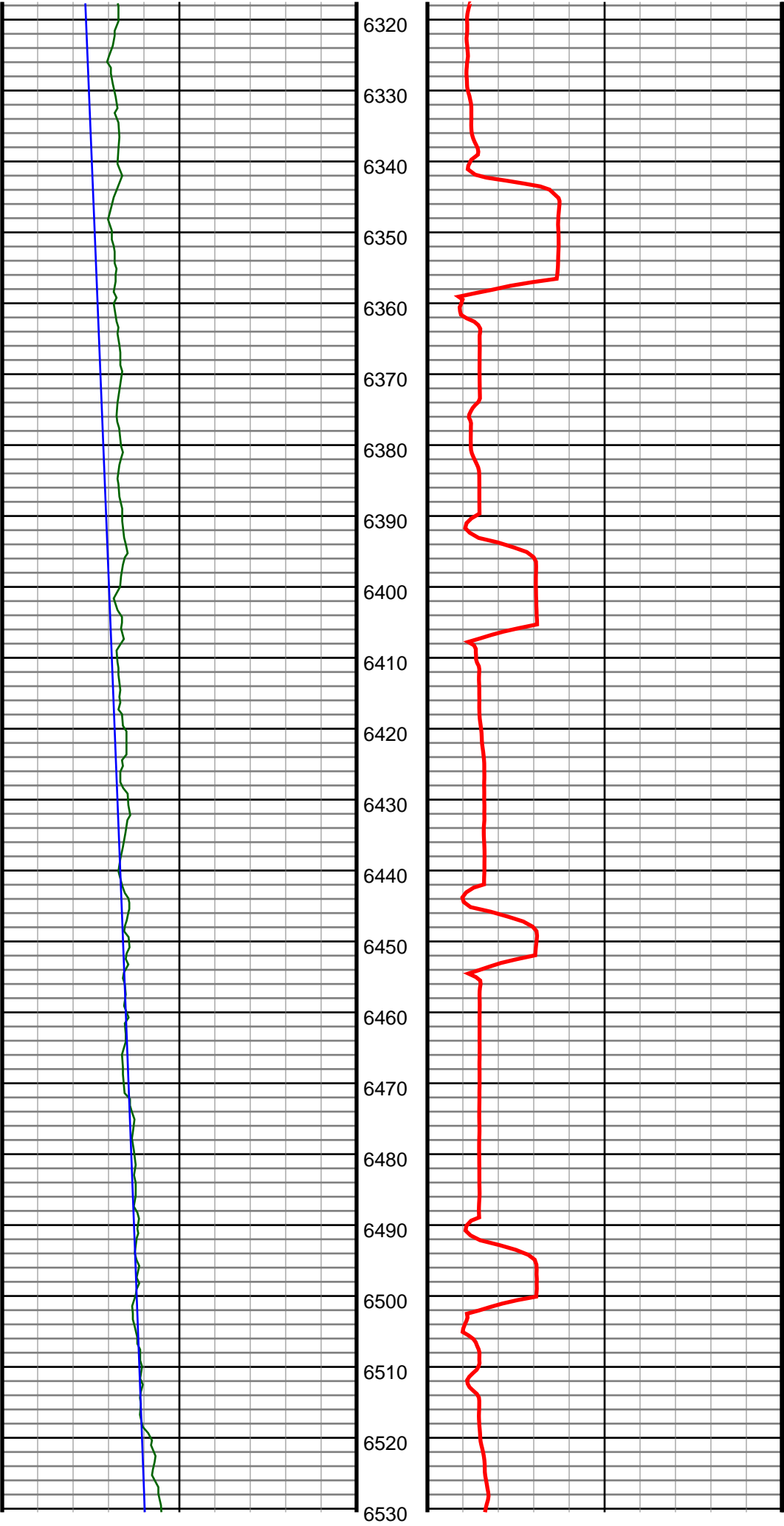
#65 MD(6113.00) Inc(0.6) Azm(85.4) TVD(6078.10)  
VS(-241.56) NS(-457.34) EW(271.47) TEMP(0.0)

#66 MD(6161.00) Inc(0.3) Azm(354.2) TVD(6126.10)  
VS(-241.80) NS(-457.19) EW(271.71) TEMP(0.0)

#67 MD(6209.00) Inc(3.7) Azm(281.8) TVD(6174.06)  
VS(-240.30) NS(-456.75) EW(270.18) TEMP(0.0)

#68 MD(6257.00) Inc(7.3) Azm(278.1) TVD(6221.83)  
VS(-235.83) NS(-456.00) EW(265.64) TEMP(0.0)

#69 MD(6304.00) Inc(10.6) Azm(274.6) TVD(6268.26)  
VS(-228.62) NS(-455.24) EW(258.37) TEMP(0.0)

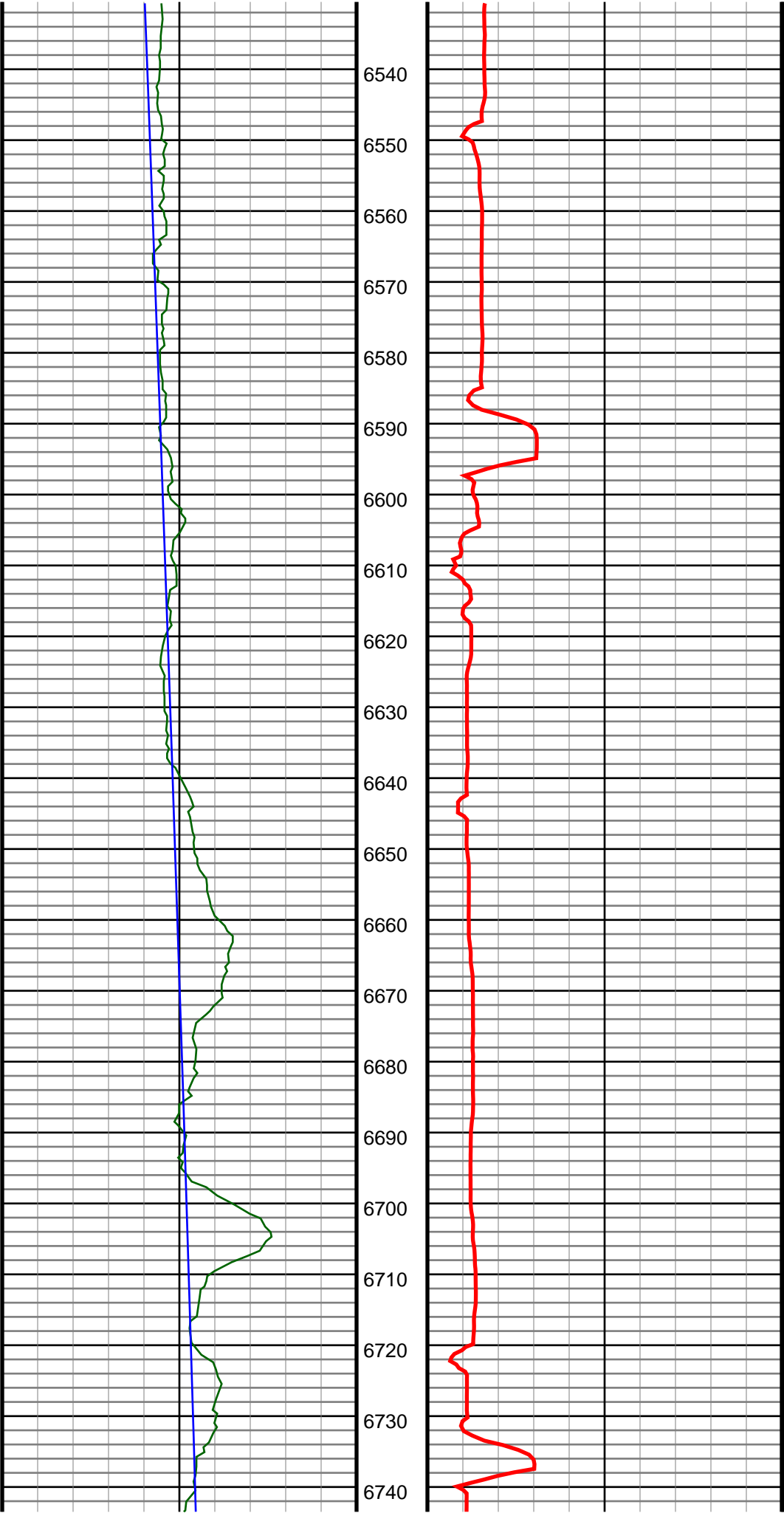


#70 MD(6352.00) Inc(13.4) Azm(273.3) TVD(6315.20)  
VS(-218.73) NS(-454.56) EW(248.42) TEMP(0.0)

#71 MD(6399.00) Inc(15.8) Azm(272.8) TVD(6360.68)  
VS(-206.97) NS(-453.94) EW(236.59) TEMP(0.0)

#72 MD(6447.00) Inc(19.7) Azm(271.6) TVD(6406.39)  
VS(-192.41) NS(-453.39) EW(221.97) TEMP(0.0)

#73 MD(6494.00) Inc(24.0) Azm(271.6) TVD(6450.00)  
VS(-175.00) NS(-452.90) EW(204.49) TEMP(0.0)



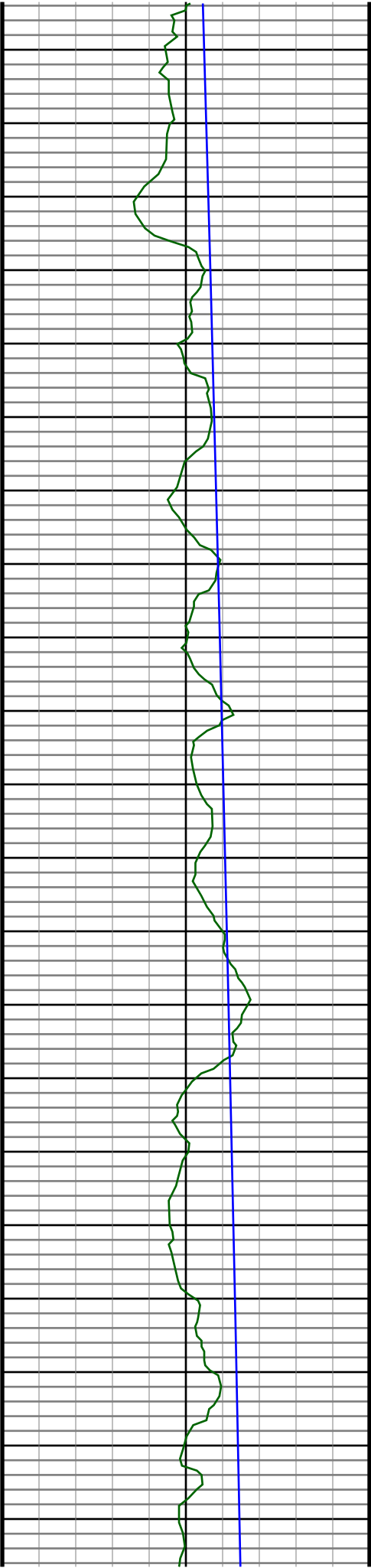
#74 MD(6542.00) Inc(27.3) Azm(270.9) TVD(6493.26)  
VS(-154.30) NS(-452.46) EW(183.72) TEMP(0.0)

#75 MD(6590.00) Inc(31.3) Azm(270.5) TVD(6535.12)  
VS(-130.88) NS(-452.17) EW(160.23) TEMP(0.0)

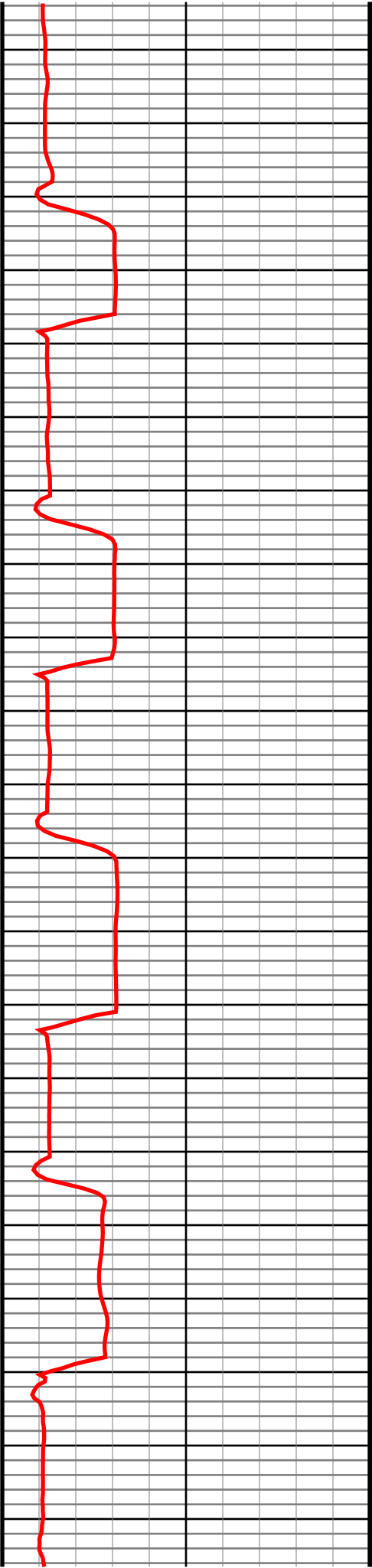
#76 MD(6638.00) Inc(33.9) Azm(268.9) TVD(6575.55)  
VS(-105.07) NS(-452.32) EW(134.38) TEMP(0.0)

#77 MD(6685.00) Inc(39.9) Azm(268.8) TVD(6613.12)  
VS(-76.89) NS(-452.89) EW(106.18) TEMP(0.0)

#78 MD(6733.00) Inc(45.5) Azm(269.5) TVD(6648.38)  
VS(-44.39) NS(-453.36) EW(73.64) TEMP(0.0)



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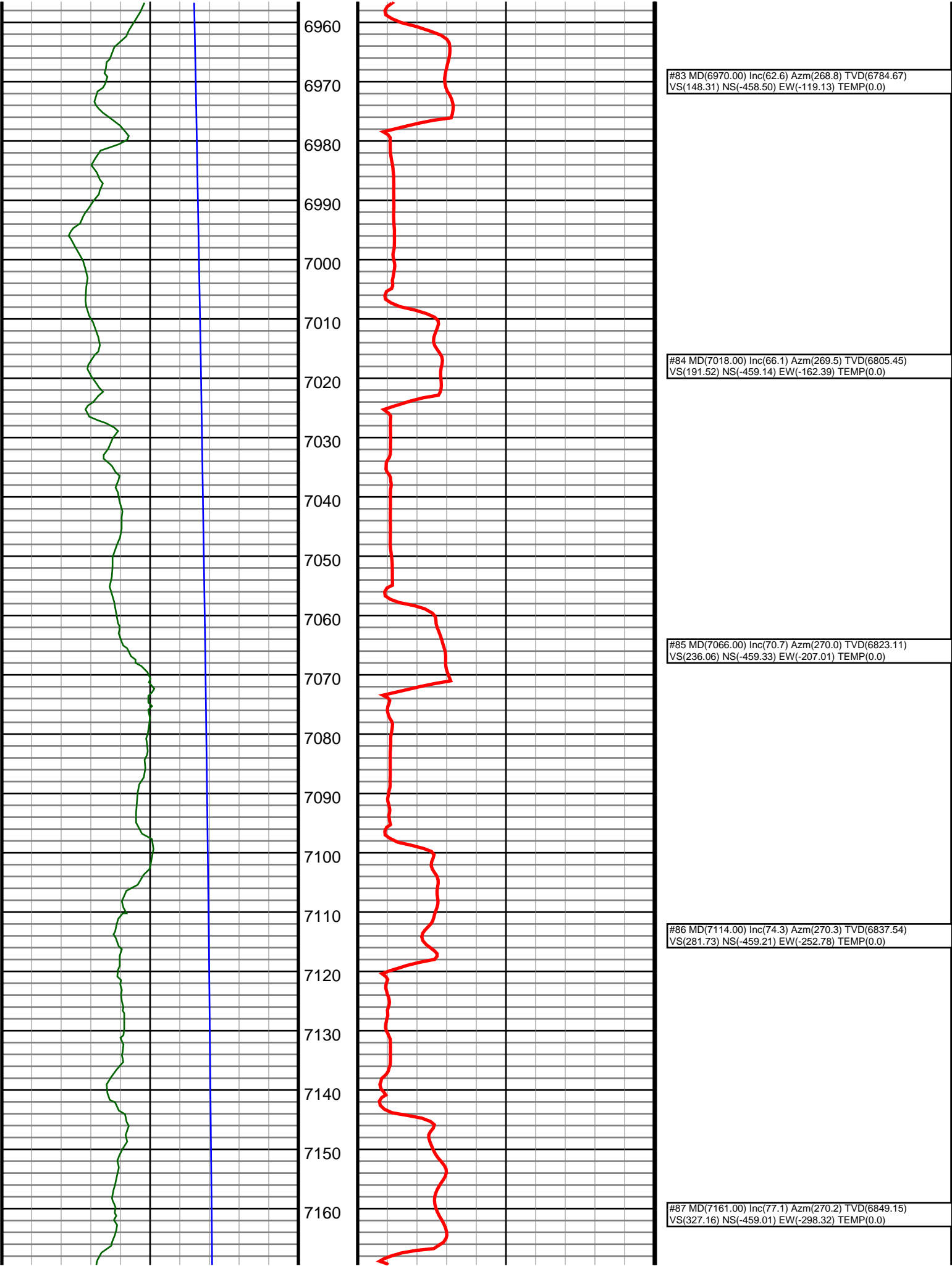


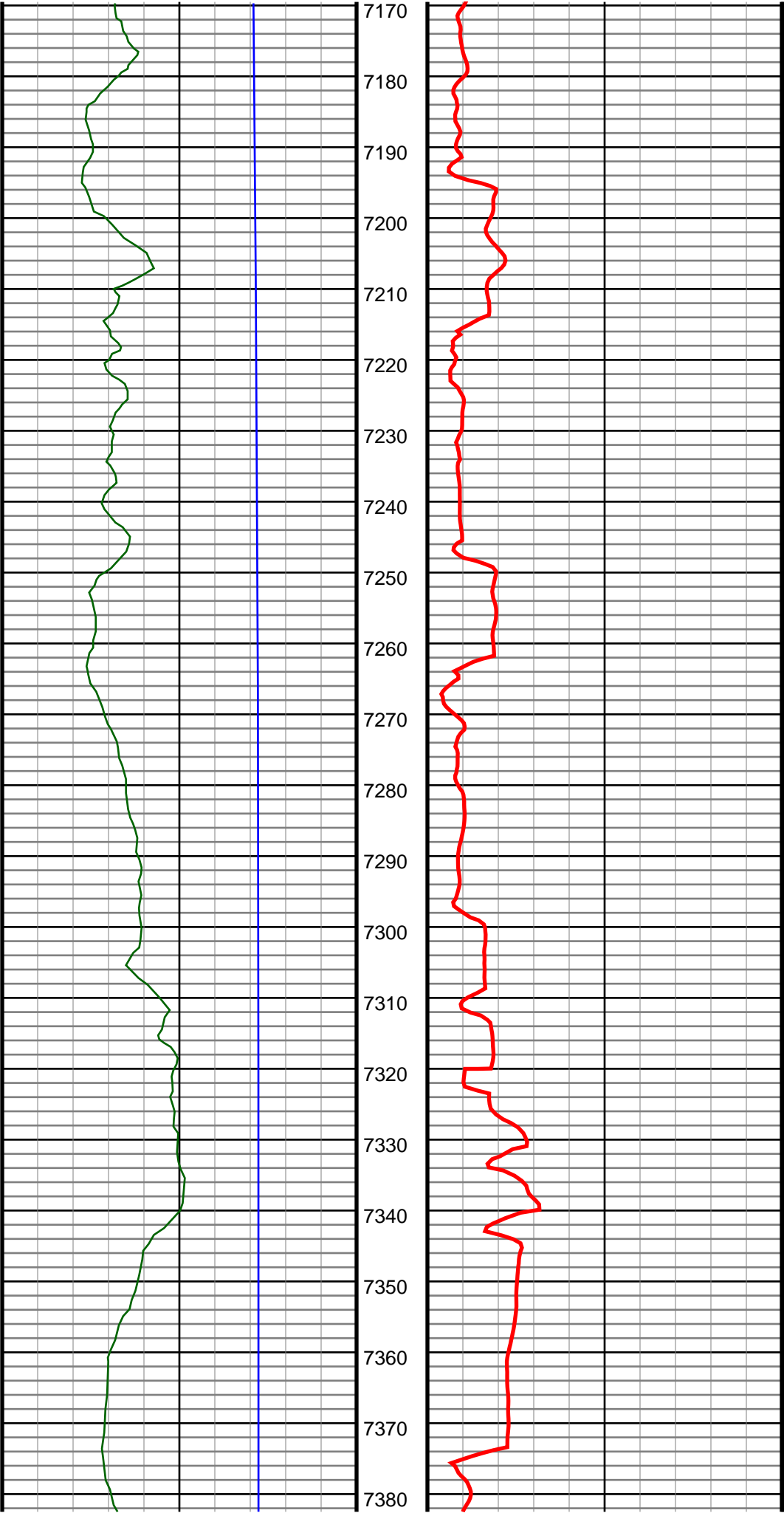
#79 MD(6780.00) Inc(49.8) Azm(269.8) TVD(6680.04)  
VS(-9.72) NS(-453.57) EW(38.92) TEMP(0.0)

#80 MD(6828.00) Inc(53.6) Azm(268.2) TVD(6709.78)  
VS(27.90) NS(-454.24) EW(1.26) TEMP(0.0)

#81 MD(6875.00) Inc(56.6) Azm(267.2) TVD(6736.67)  
VS(66.43) NS(-455.80) EW(-37.25) TEMP(0.0)

#82 MD(6923.00) Inc(59.7) Azm(268.2) TVD(6762.00)  
VS(107.18) NS(-457.43) EW(-77.98) TEMP(0.0)



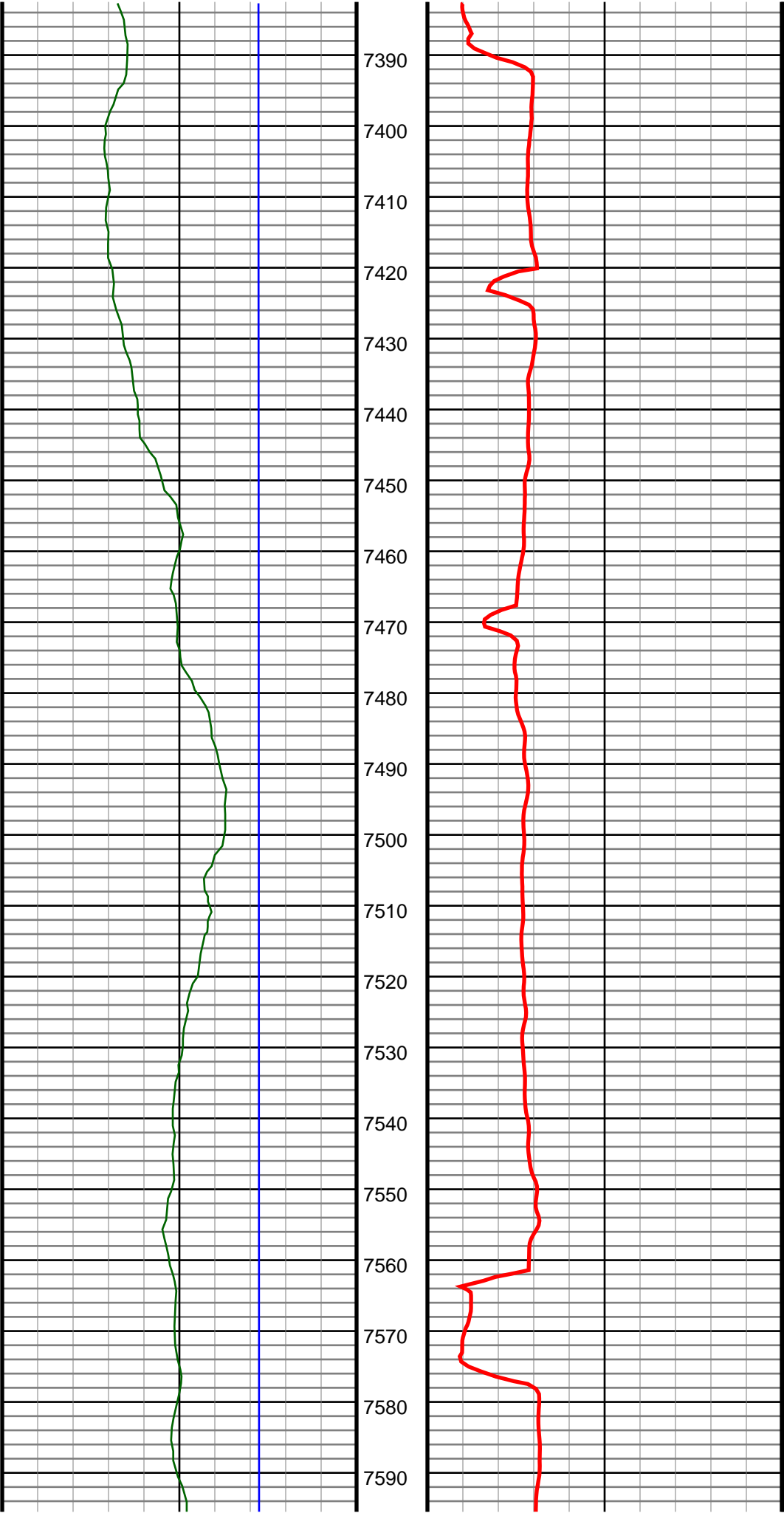


#88 MD(7209.00) Inc(79.9) Azm(269.6) TVD(6858.72)  
VS(374.10) NS(-459.09) EW(-345.35) TEMP(0.0)

#89 MD(7267.00) Inc(85.9) Azm(268.6) TVD(6865.89)  
VS(431.56) NS(-460.00) EW(-402.87) TEMP(0.0)

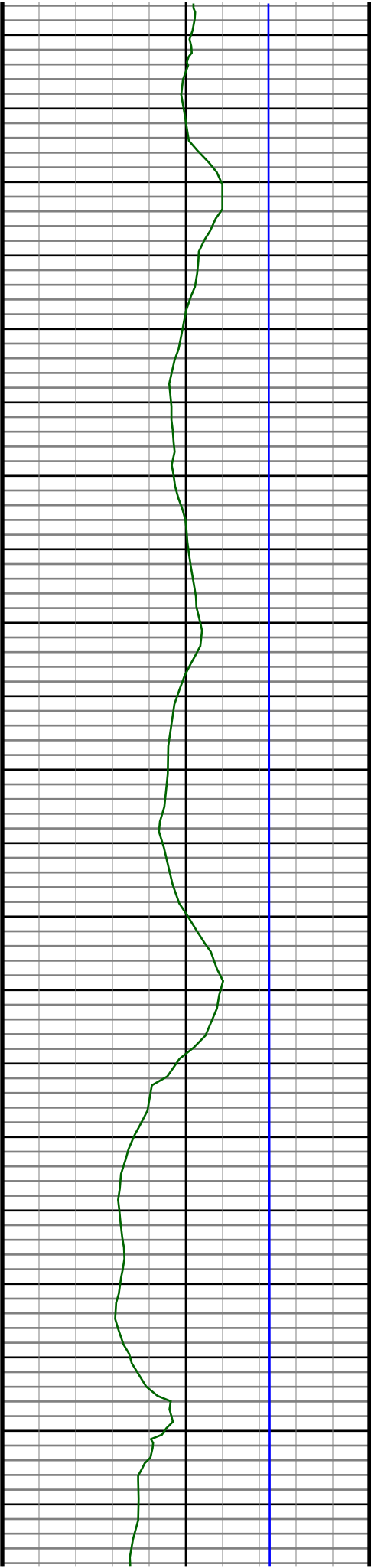
#90 MD(7320.00) Inc(90.5) Azm(268.2) TVD(6867.55)  
VS(484.49) NS(-461.48) EW(-455.81) TEMP(0.0)



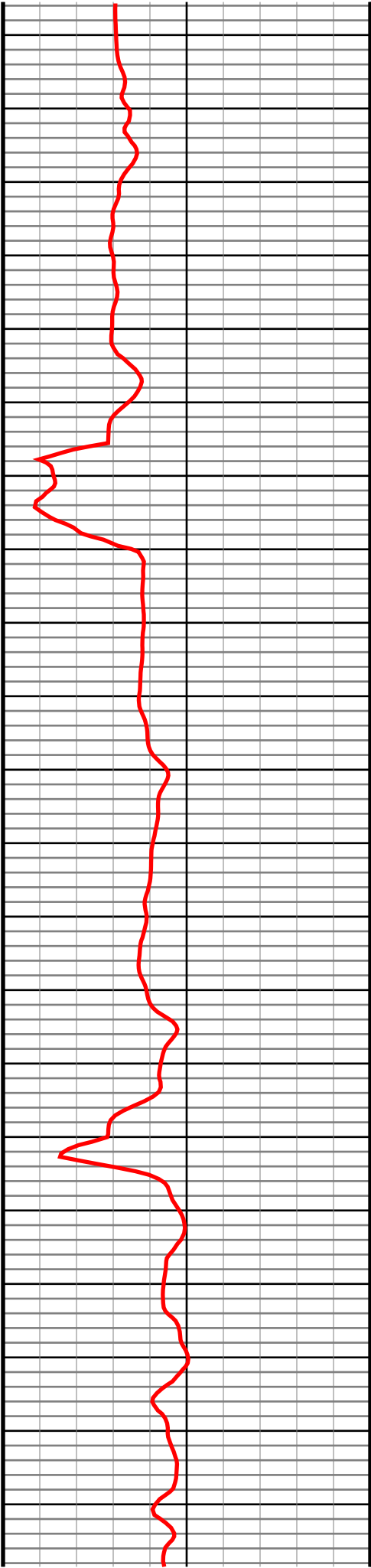


#91 MD(7414.00) Inc(89.0) Azm(270.5) TVD(6867.96)  
VS(578.35) NS(-462.55) EW(-549.79) TEMP(0.0)

#92 MD(7508.00) Inc(89.7) Azm(271.0) TVD(6869.03)  
VS(672.06) NS(-461.32) EW(-643.78) TEMP(0.0)



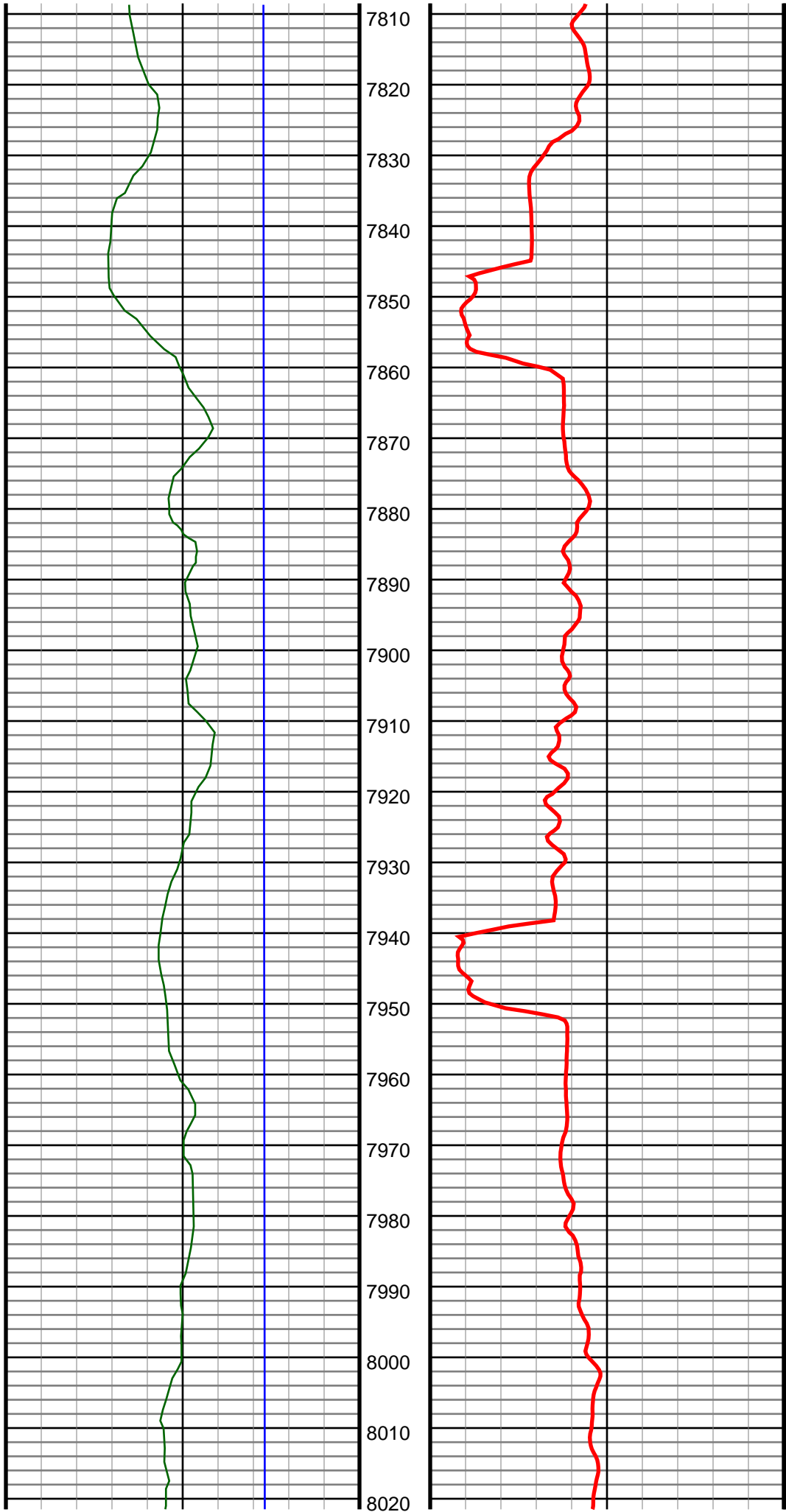
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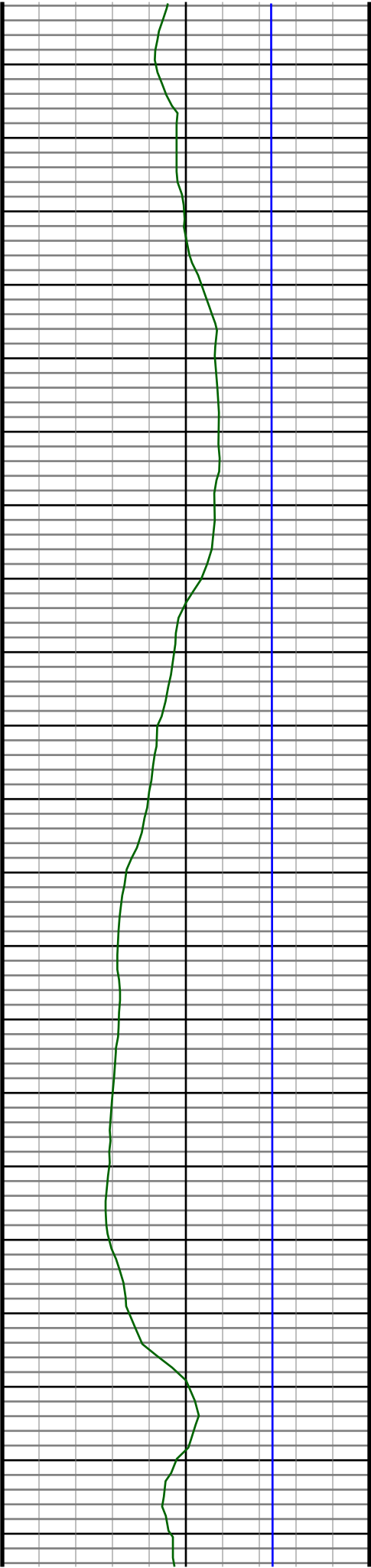


#93 MD(7603.00) Inc(89.2) Azm(269.3) TVD(6869.94)  
VS(766.84) NS(-461.07) EW(-738.77) TEMP(0.0)

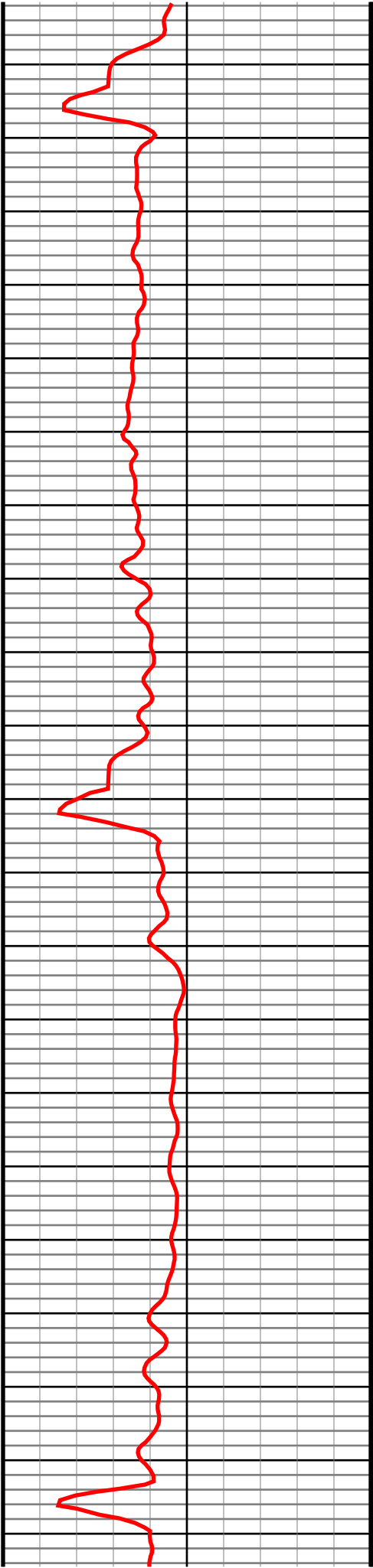
#94 MD(7697.00) Inc(88.5) Azm(269.3) TVD(6871.83)  
VS(860.69) NS(-462.21) EW(-832.74) TEMP(0.0)

#95 MD(7792.00) Inc(89.2) Azm(268.8) TVD(6873.73)  
VS(955.56) NS(-463.79) EW(-927.71) TEMP(0.0)



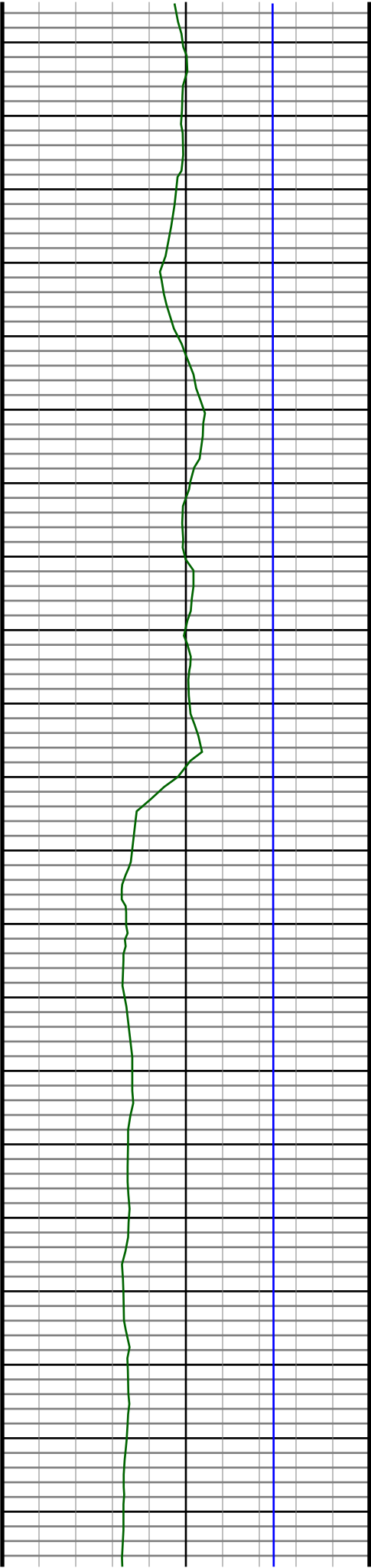


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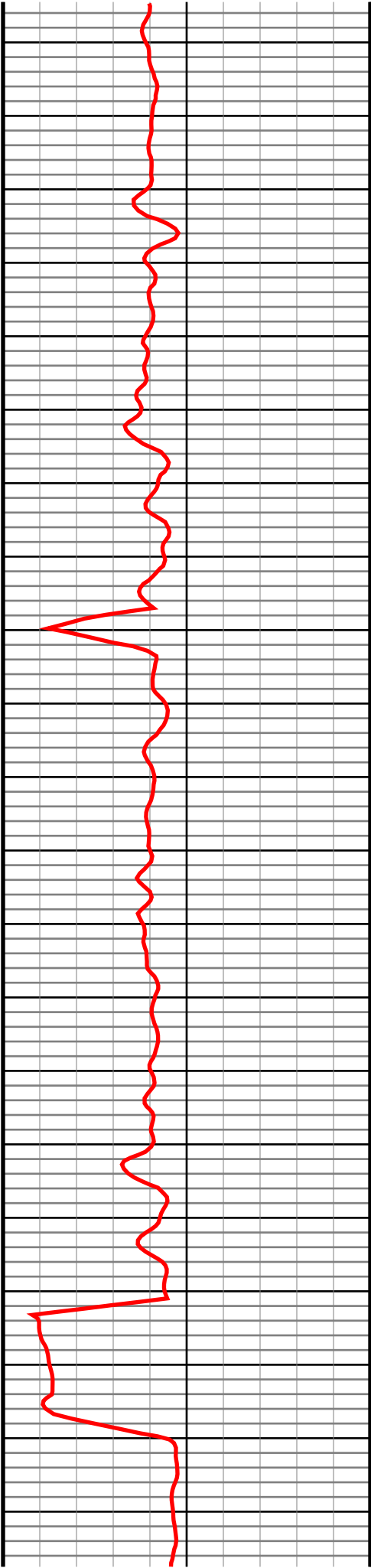


#98 MD(8074.00) Inc(88.5) Azm(270.0) TVD(6880.05)  
VS(1236.95) NS(-464.61) EW(-1209.63) TEMP(0.0)

#99 MD(8168.00) Inc(88.9) Azm(269.1) TVD(6882.18)  
VS(1330.78) NS(-465.35) EW(-1303.60) TEMP(0.0)

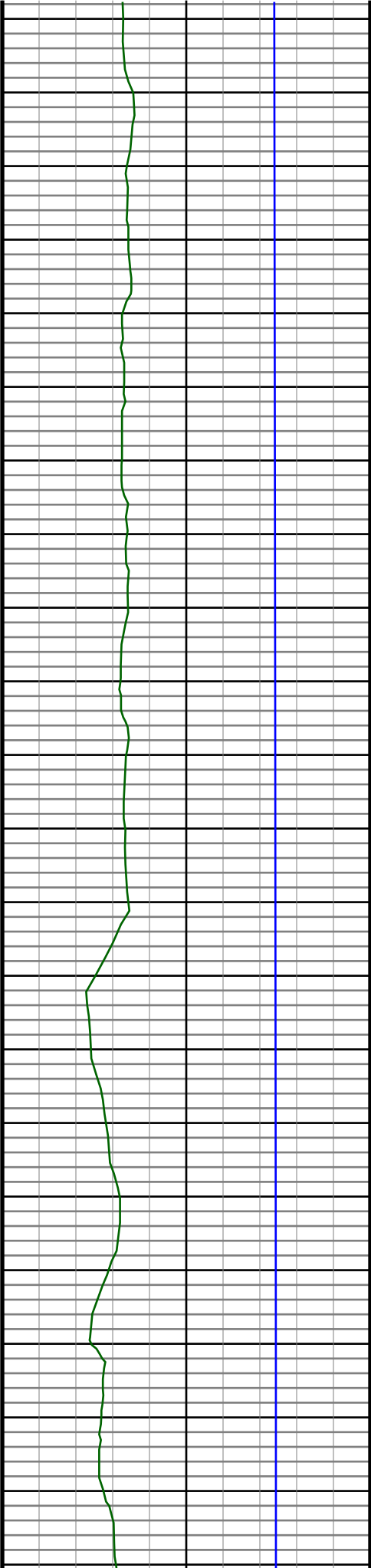


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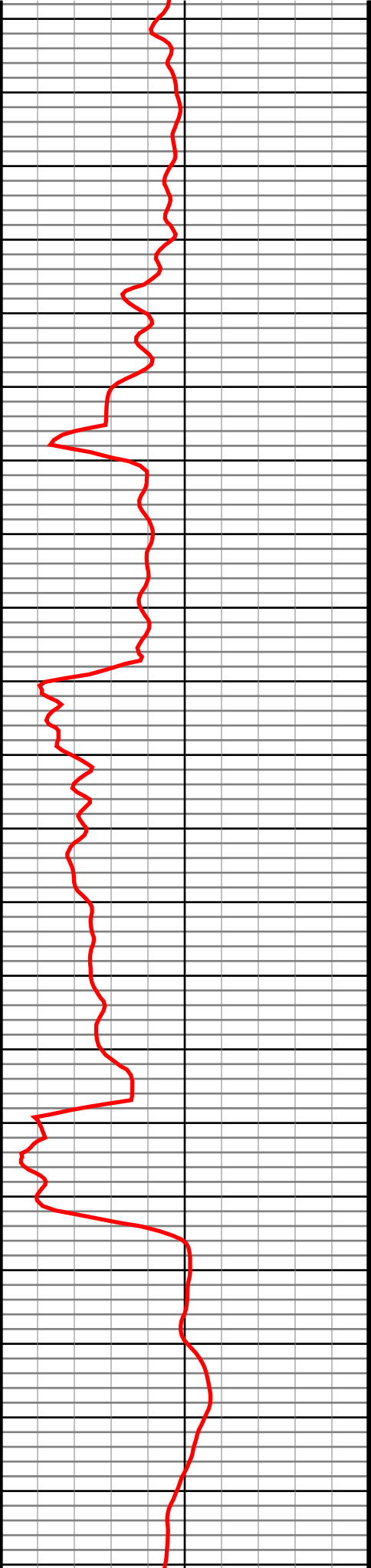


#100 MD(8262.00) Inc(89.0) Azm(268.8) TVD(6883.90)  
VS(1424.66) NS(-467.07) EW(-1397.57) TEMP(0.0)

#101 MD(8357.00) Inc(89.3) Azm(267.4) TVD(6885.31)  
VS(1519.60) NS(-470.22) EW(-1492.50) TEMP(0.0)



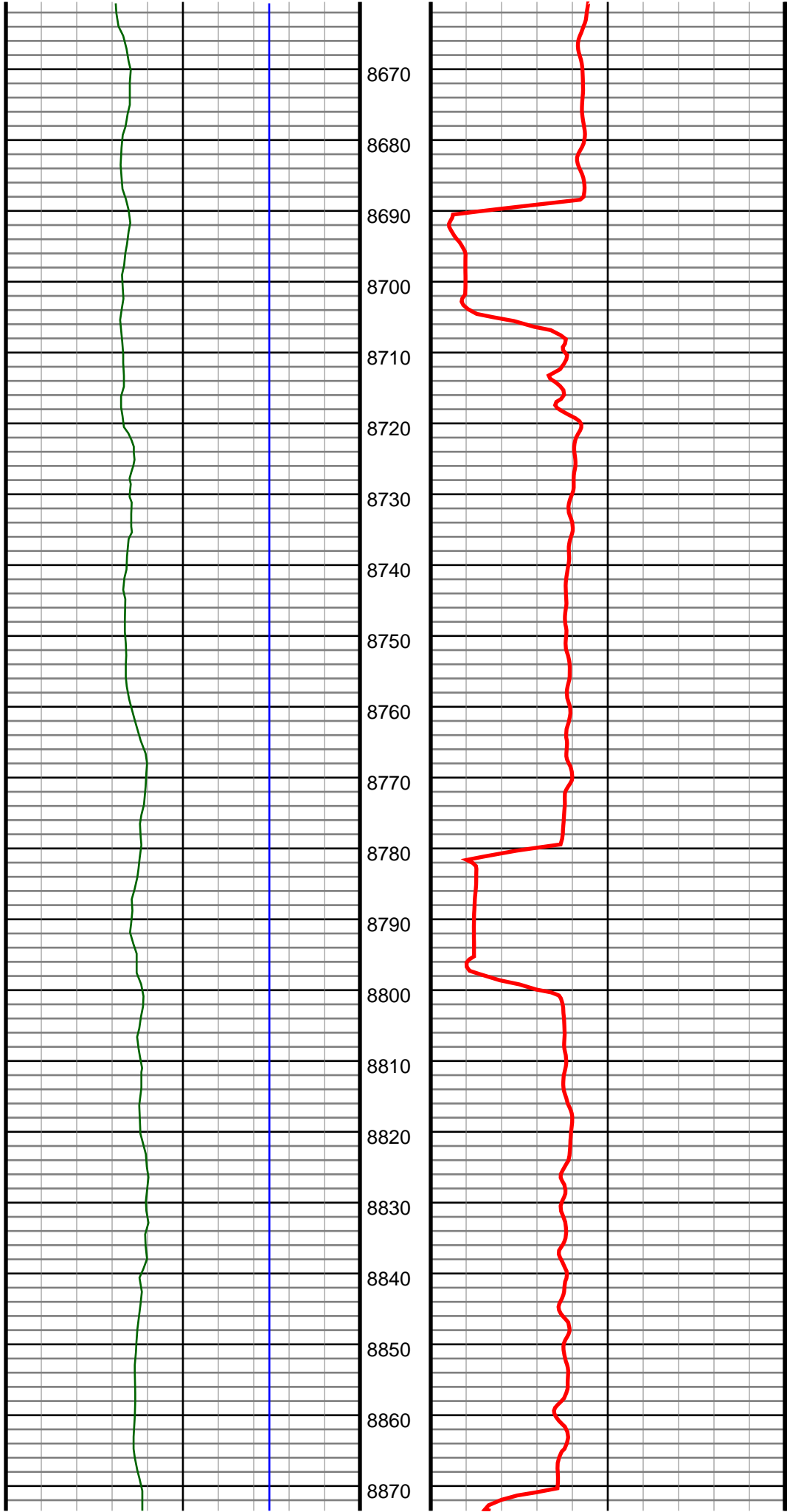
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#102 MD(8450.00) Inc(88.5) Azm(269.1) TVD(6887.10)  
VS(1612.53) NS(-473.06) EW(-1585.44) TEMP(0.0)

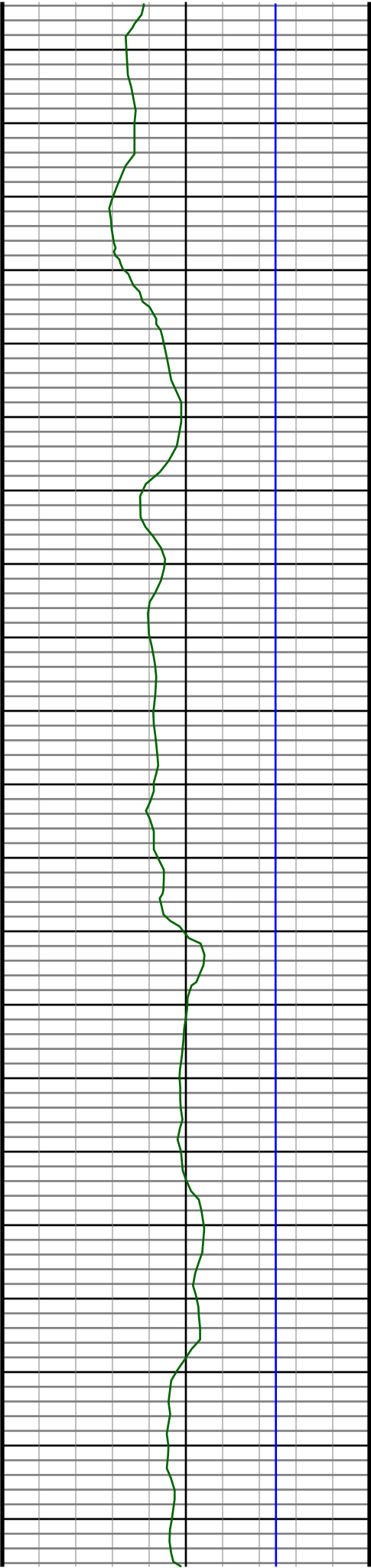
#103 MD(8542.00) Inc(87.8) Azm(268.1) TVD(6890.07)  
VS(1704.41) NS(-475.31) EW(-1677.36) TEMP(0.0)

#104 MD(8634.00) Inc(89.4) Azm(268.4) TVD(6892.32)  
VS(1796.32) NS(-478.11) EW(-1769.28) TEMP(0.0)



#105 MD(8725.00) Inc(90.0) Azm(268.8) TVD(6892.79)  
VS(1887.25) NS(-480.34) EW(-1860.26) TEMP(0.0)

#106 MD(8816.00) Inc(89.7) Azm(270.0) TVD(6893.03)  
VS(1978.12) NS(-481.29) EW(-1951.25) TEMP(0.0)



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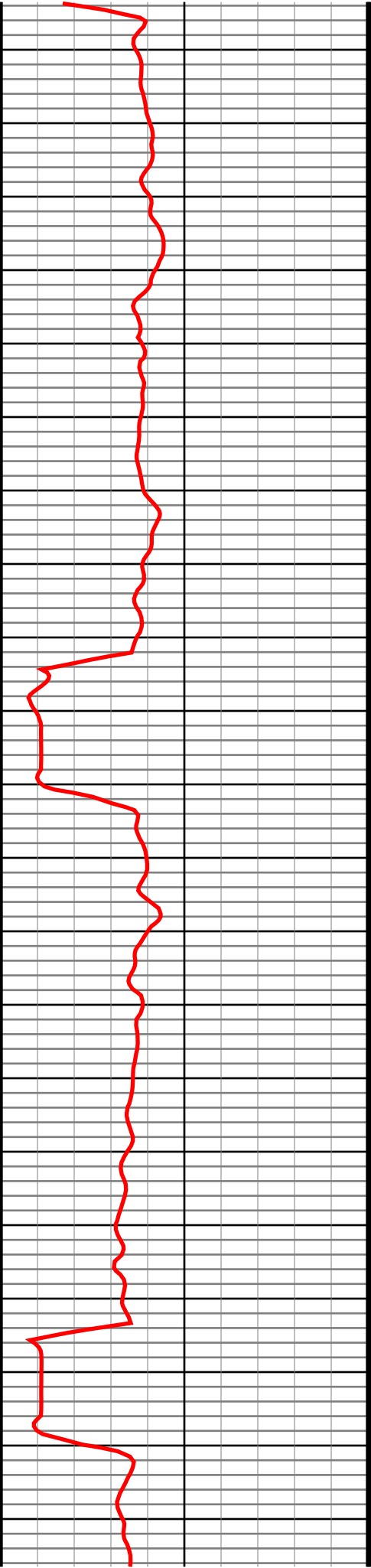
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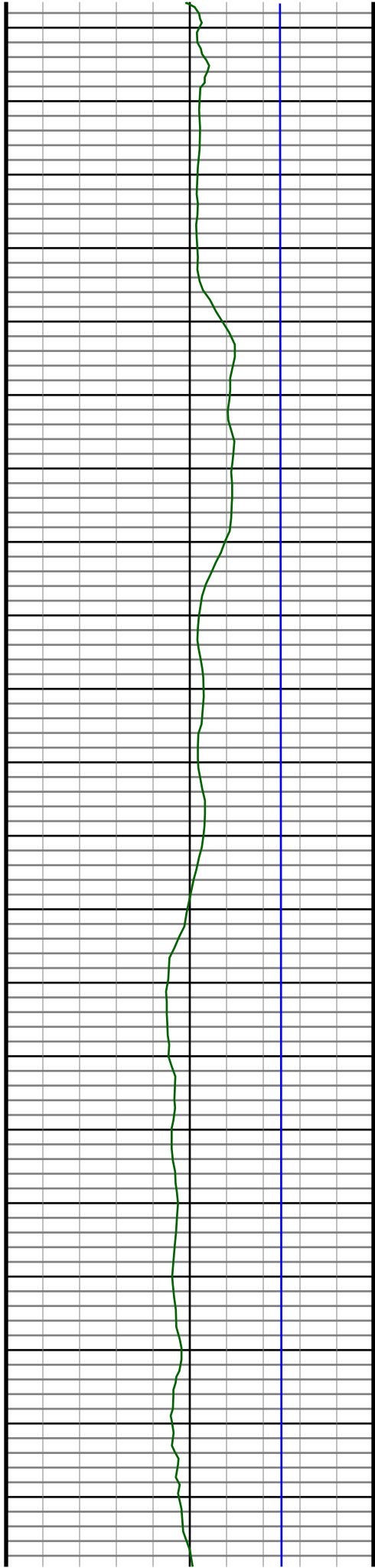
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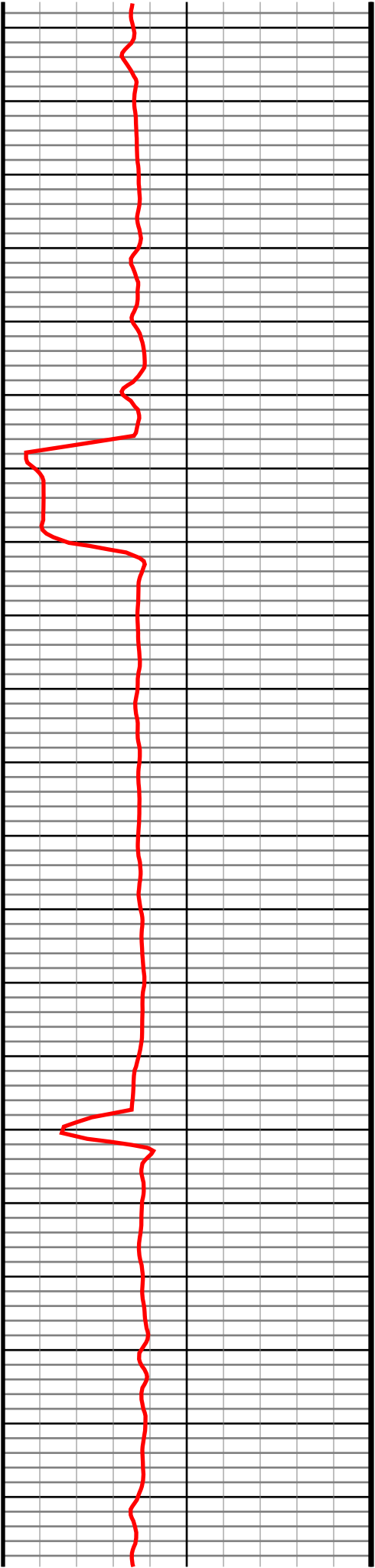
#107 MD(8908.00) Inc(90.4) Azm(269.8) TVD(6892.95)  
VS(2069.94) NS(-481.45) EW(-2043.25) TEMP(0.0)

#108 MD(8999.00) Inc(89.5) Azm(271.6) TVD(6893.03)  
VS(2160.67) NS(-480.34) EW(-2134.24) TEMP(0.0)





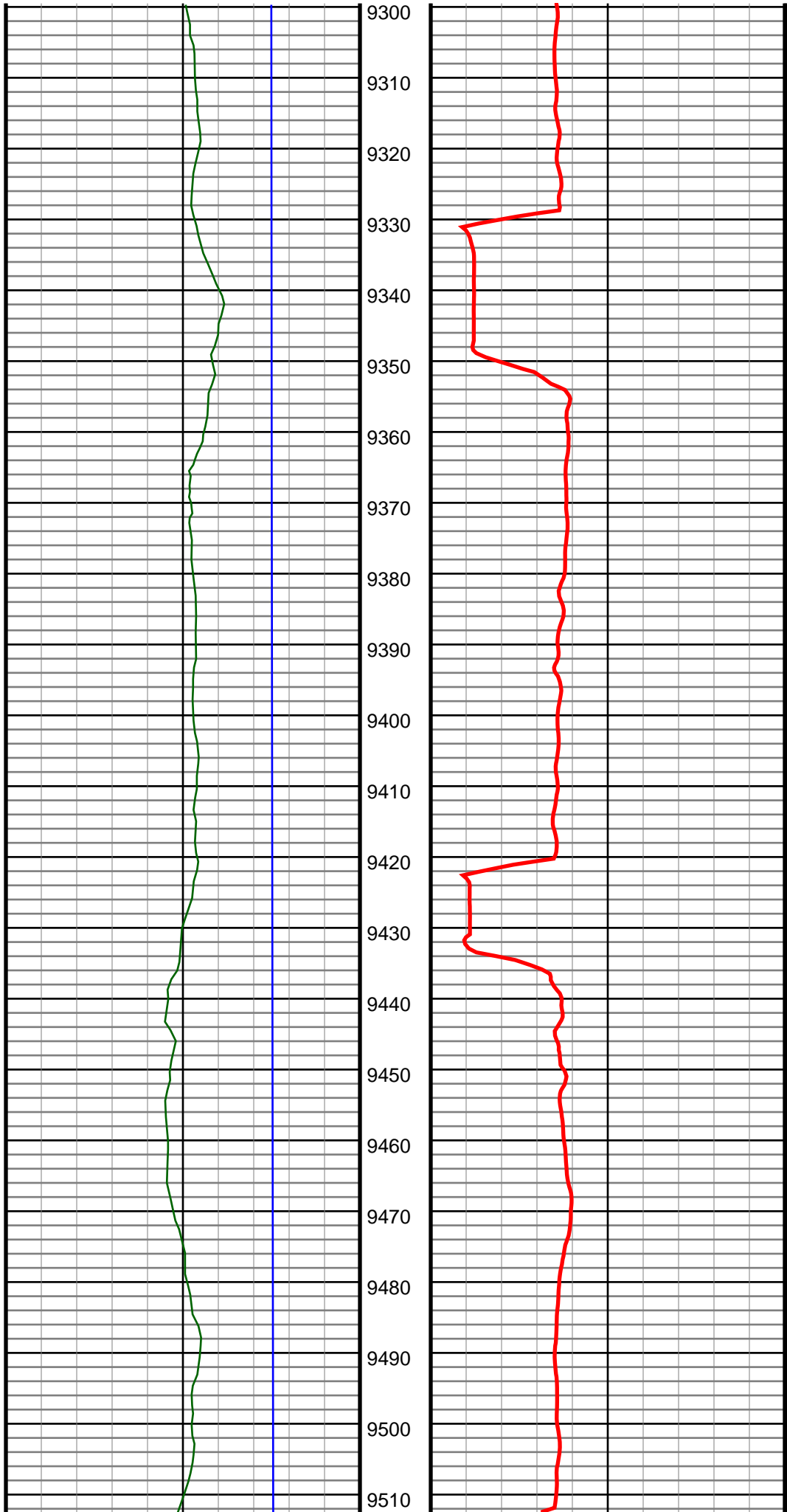
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#109 MD(9091.00) Inc(88.5) Azm(271.2) TVD(6894.63)  
VS(2252.29) NS(-478.09) EW(-2226.19) TEMP(0.0)

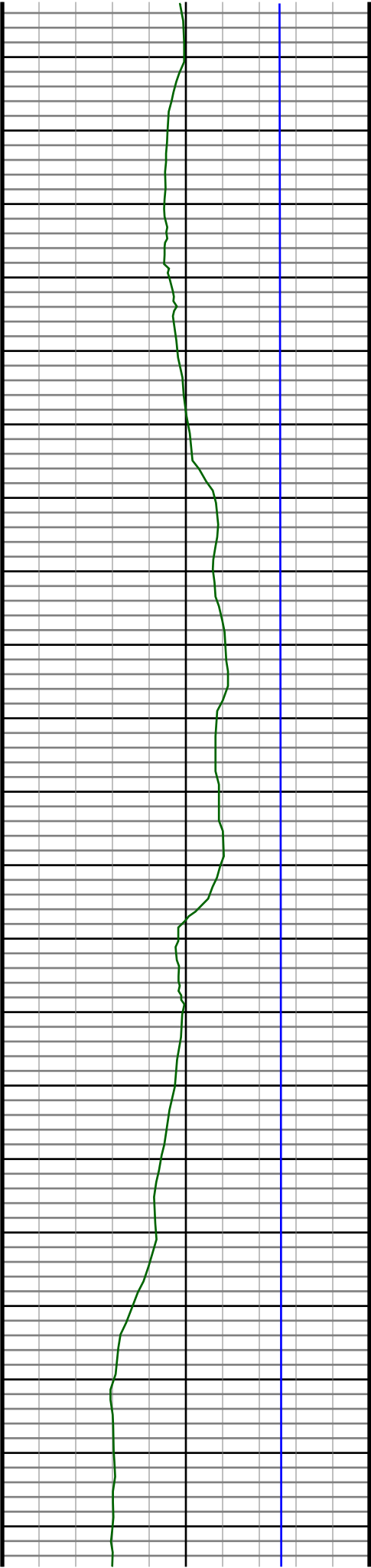
#110 MD(9183.00) Inc(88.3) Azm(270.7) TVD(6897.20)  
VS(2343.95) NS(-476.57) EW(-2318.14) TEMP(0.0)

#111 MD(9275.00) Inc(89.3) Azm(271.2) TVD(6899.13)  
VS(2435.63) NS(-475.04) EW(-2410.11) TEMP(0.0)

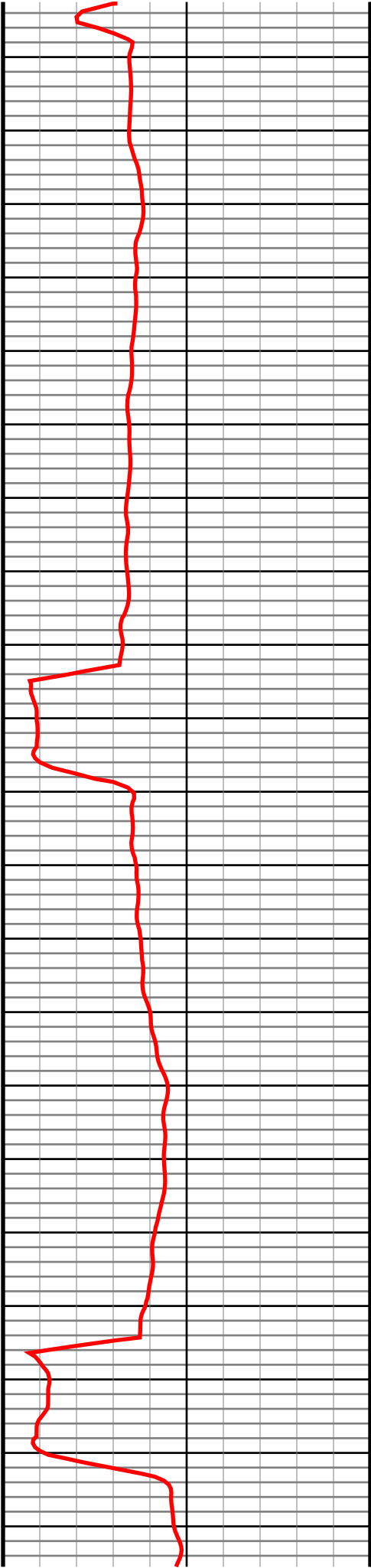


#112 MD(9366.00) Inc(88.4) Azm(269.6) TVD(6900.96)  
VS(2526.38) NS(-474.41) EW(-2501.09) TEMP(0.0)

#113 MD(9458.00) Inc(87.8) Azm(268.9) TVD(6904.01)  
VS(2618.21) NS(-475.61) EW(-2593.03) TEMP(0.0)

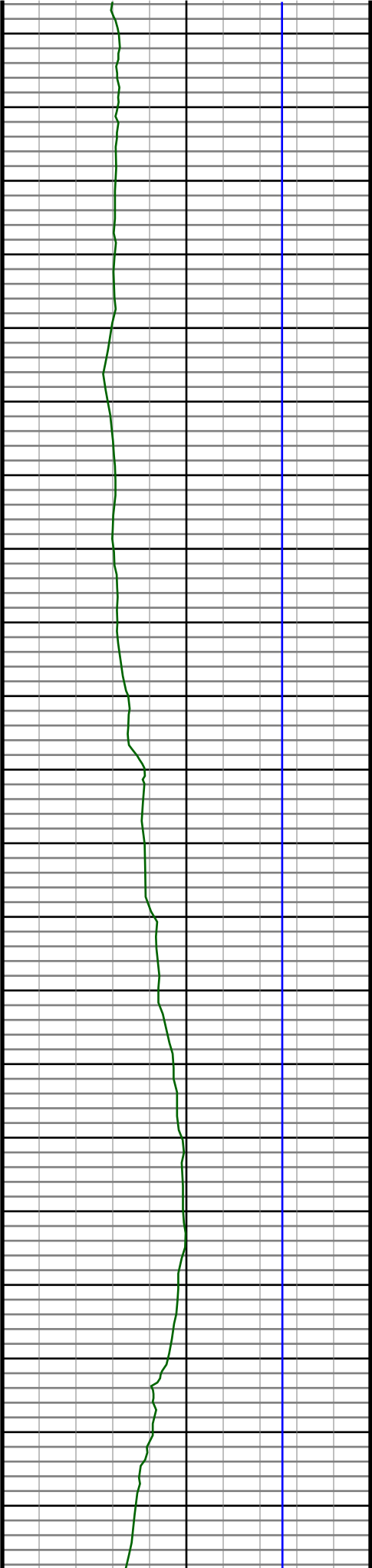


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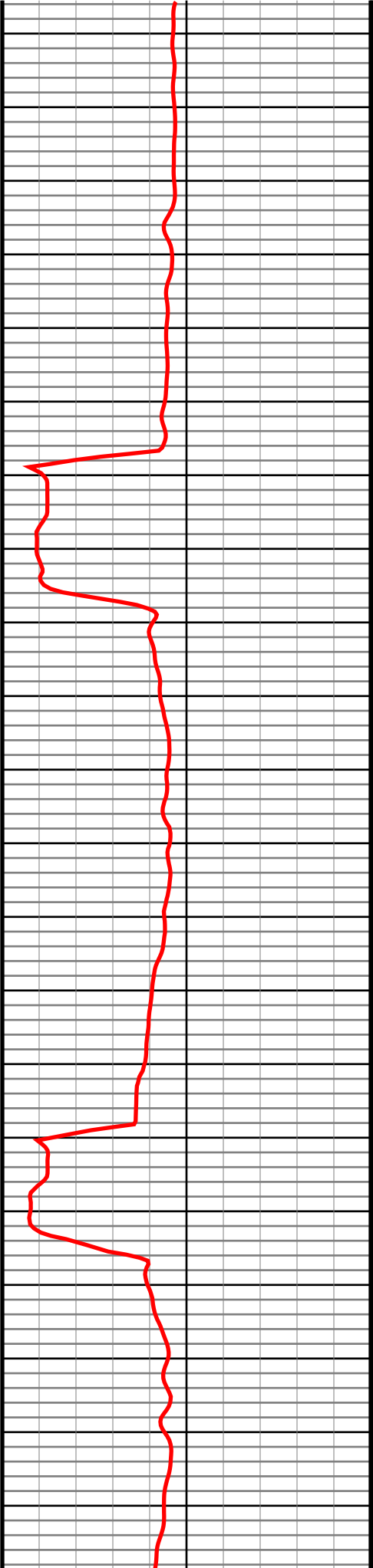


#114 MD(9549.00) Inc(87.9) Azm(268.2) TVD(6907.42)  
VS(2709.07) NS(-477.91) EW(-2683.93) TEMP(0.0)

#115 MD(9641.00) Inc(88.6) Azm(268.8) TVD(6910.23)  
VS(2800.96) NS(-480.32) EW(-2775.86) TEMP(0.0)



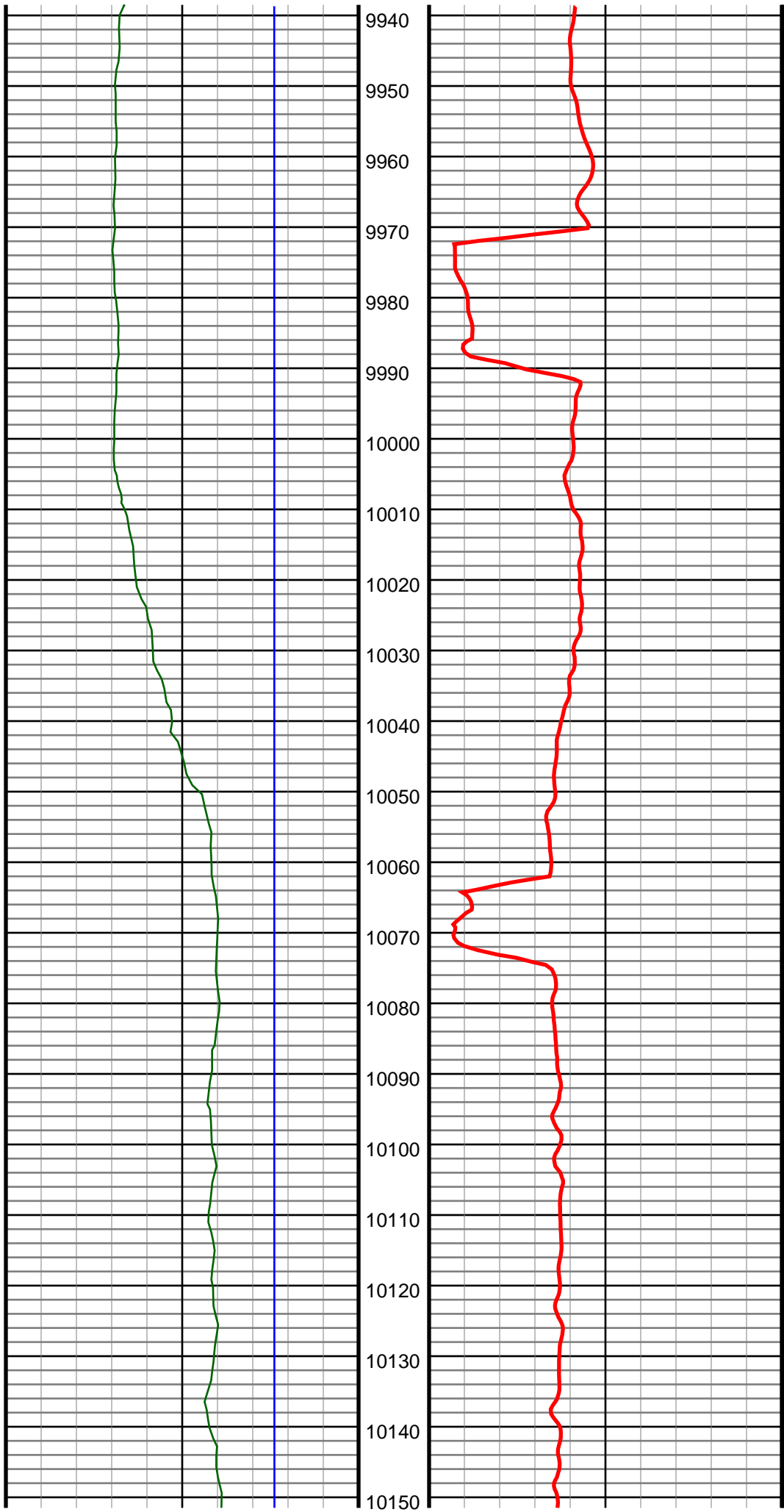
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#116 MD(9733.00) Inc(89.5) Azm(268.8) TVD(6911.76)  
VS(2892.86) NS(-482.24) EW(-2867.82) TEMP(0.0)

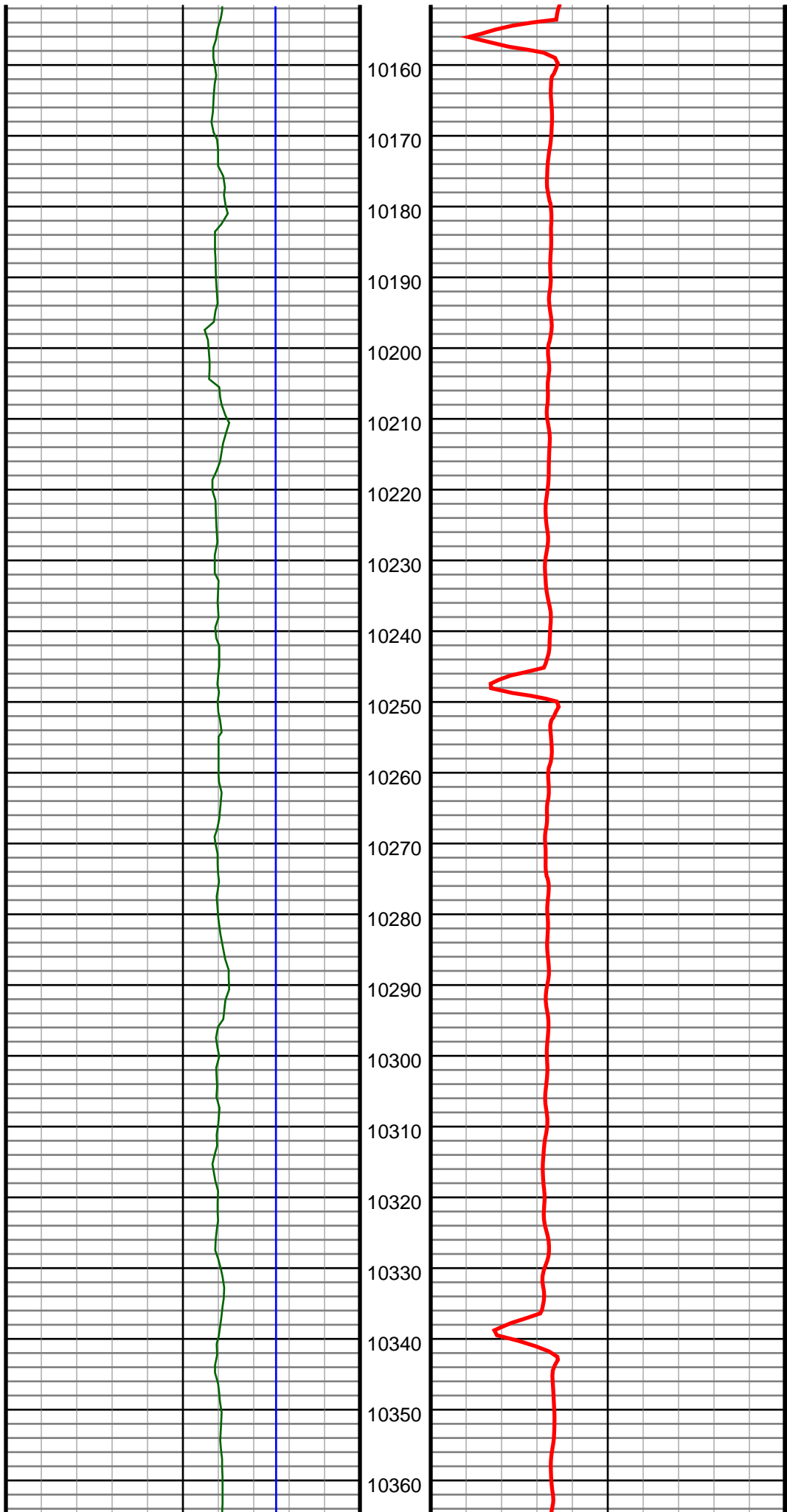
#117 MD(9824.00) Inc(90.1) Azm(269.5) TVD(6912.07)  
VS(2983.75) NS(-483.59) EW(-2958.81) TEMP(0.0)

#118 MD(9916.00) Inc(88.8) Azm(269.1) TVD(6912.96)  
VS(3075.62) NS(-484.72) EW(-3050.80) TEMP(0.0)



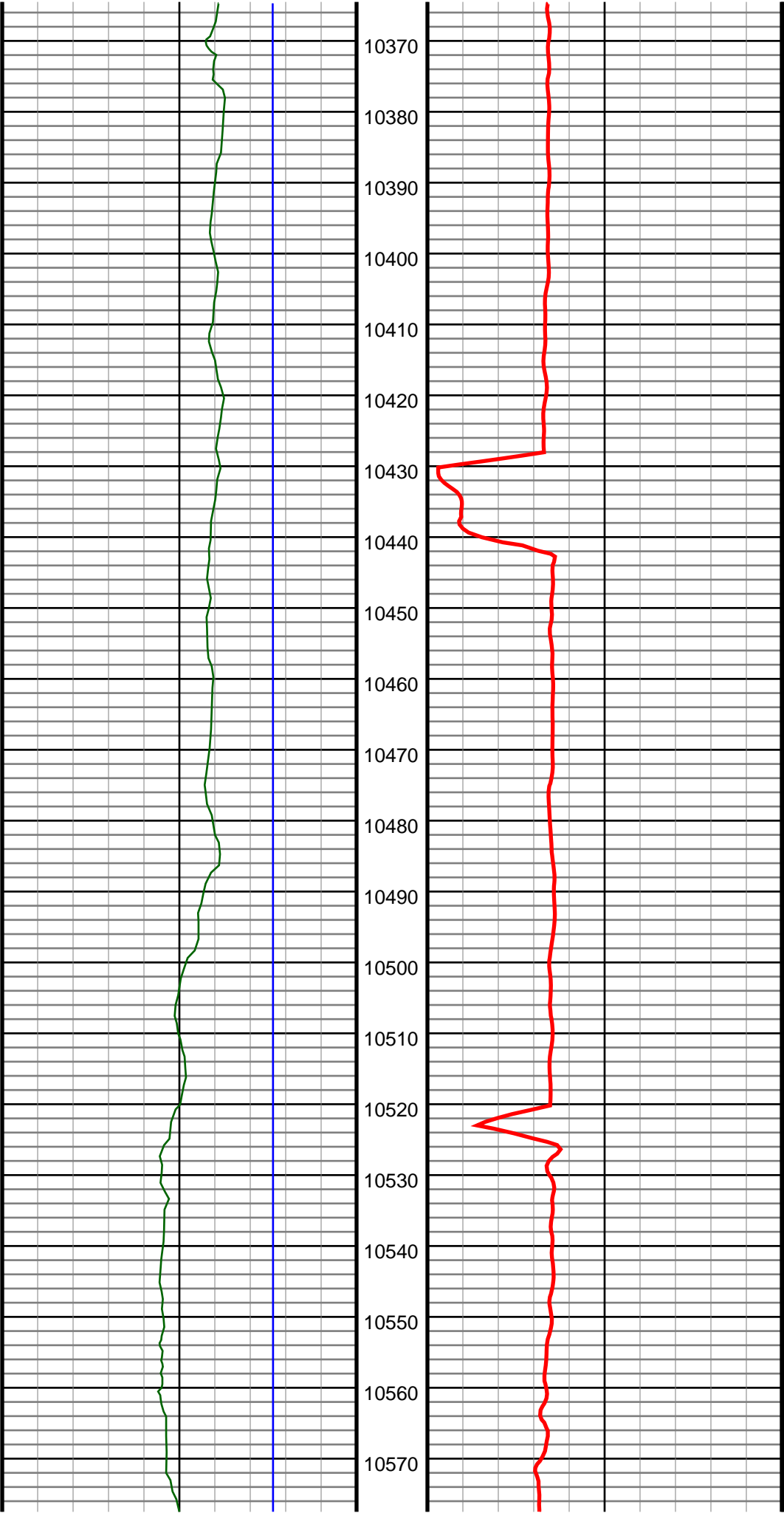
#119 MD(10008.00) Inc(90.6) Azm(270.0) TVD(6913.44)  
VS(3167.47) NS(-485.44) EW(-3142.79) TEMP(0.0)

#120 MD(10100.00) Inc(89.6) Azm(270.2) TVD(6913.28)  
VS(3259.27) NS(-485.28) EW(-3234.79) TEMP(0.0)



#121 MD(10191.00) Inc(89.4) Azm(270.0) TVD(6914.07)  
VS(3350.06) NS(-485.12) EW(-3325.78) TEMP(0.0)

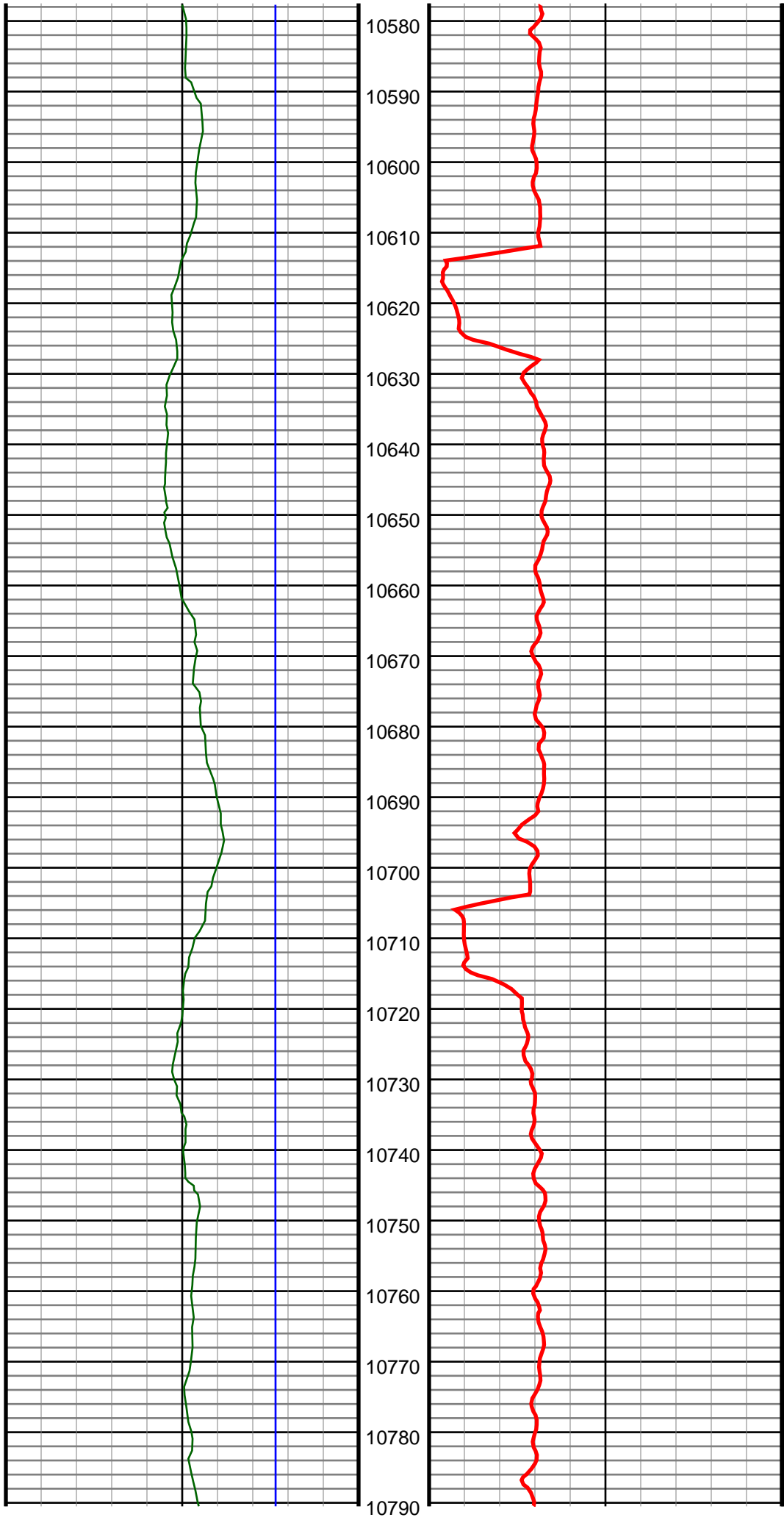
#122 MD(10282.00) Inc(89.4) Azm(269.6) TVD(6915.02)  
VS(3440.89) NS(-485.44) EW(-3416.78) TEMP(0.0)



#123 MD(10374.00) Inc(89.3) Azm(269.3) TVD(6916.07)  
VS(3532.75) NS(-486.32) EW(-3508.77) TEMP(0.0)

#124 MD(10466.00) Inc(89.6) Azm(270.5) TVD(6916.95)  
VS(3624.56) NS(-486.48) EW(-3600.76) TEMP(0.0)

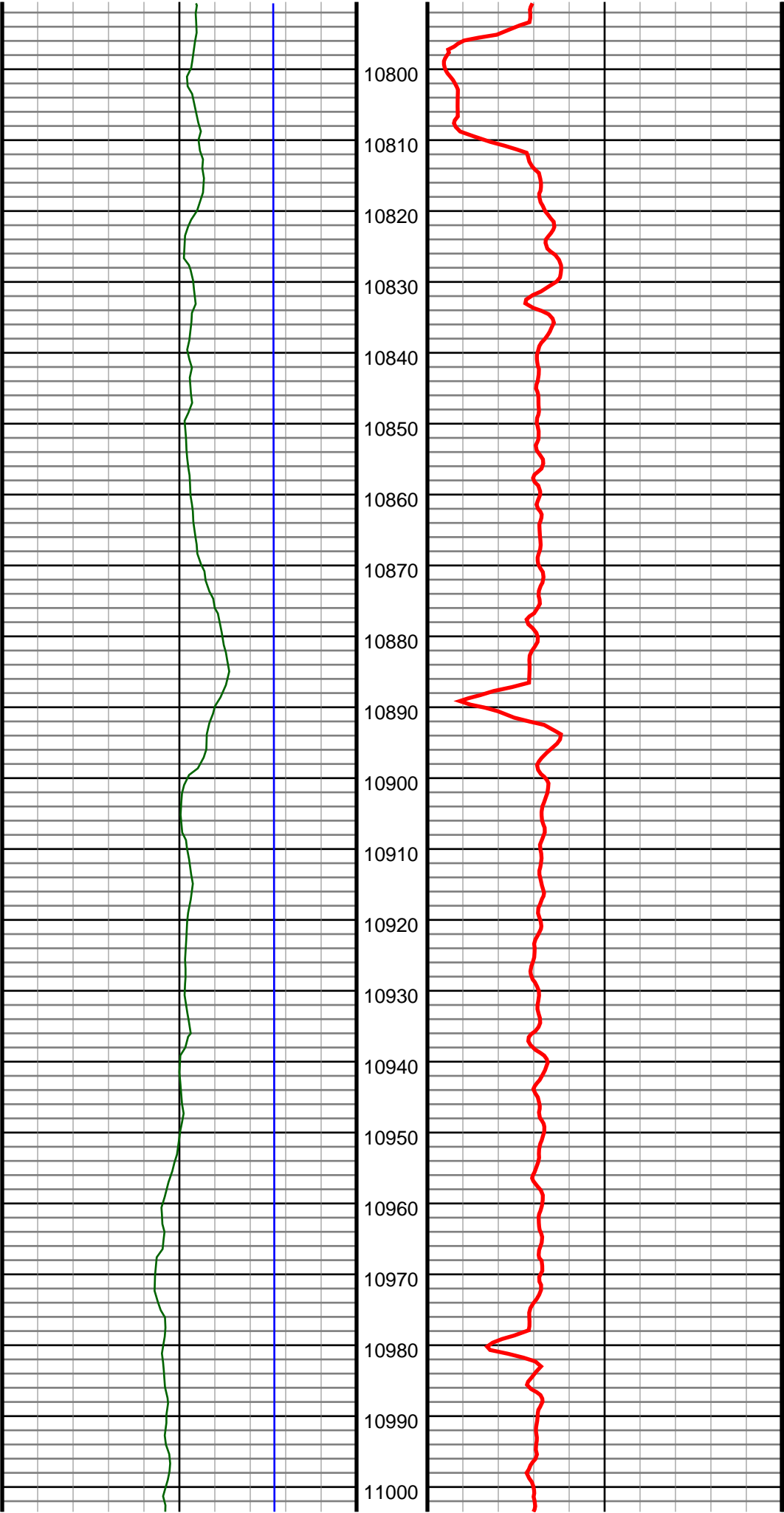
#125 MD(10558.00) Inc(90.1) Azm(270.2) TVD(6917.19)  
VS(3716.33) NS(-485.92) EW(-3692.76) TEMP(0.0)



#126 MD(10650.00) Inc(90.2) Azm(270.7) TVD(6916.95)  
VS(3808.09) NS(-485.20) EW(-3784.76) TEMP(0.0)

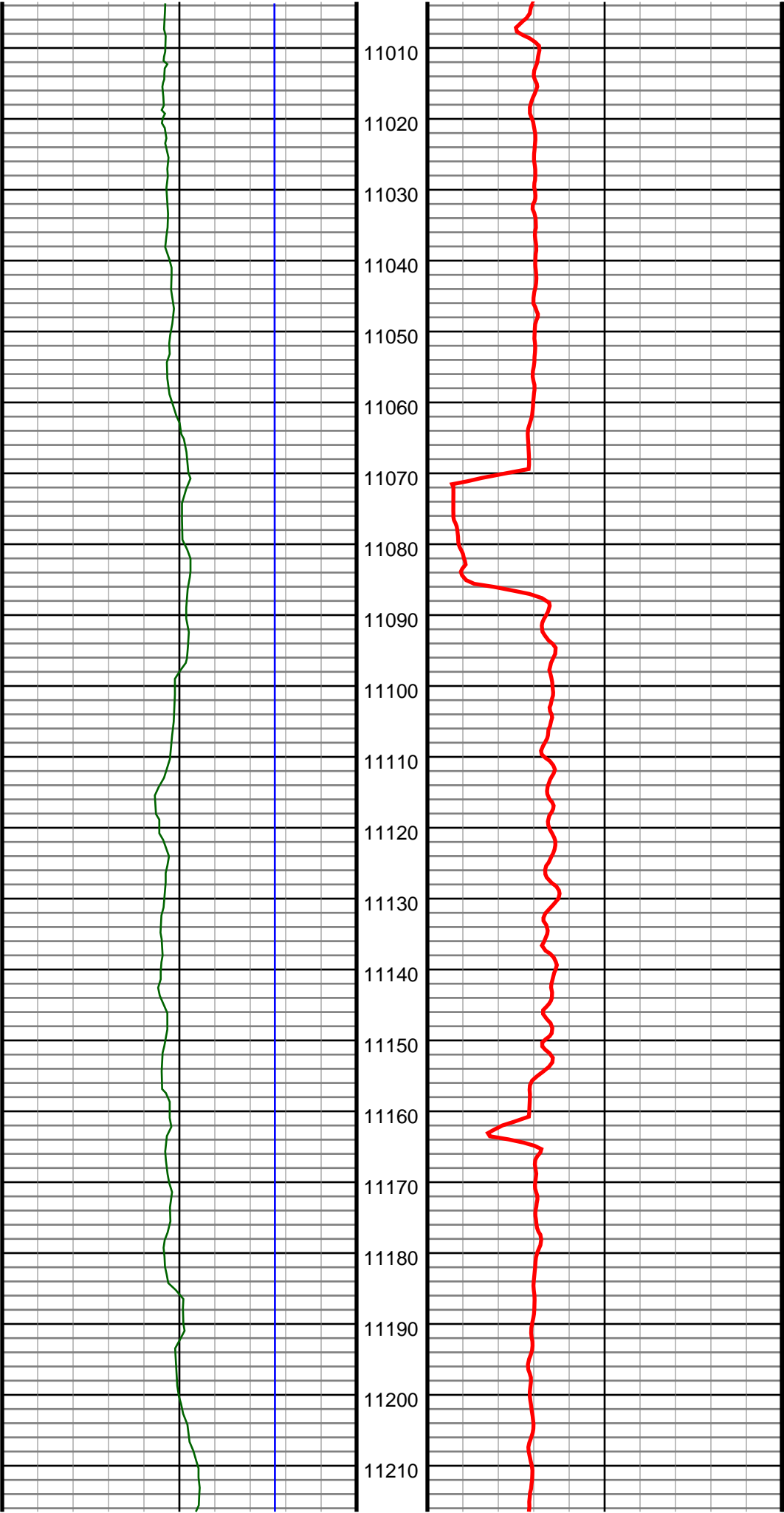
#127 MD(10741.00) Inc(89.8) Azm(271.0) TVD(6916.95)  
VS(3898.81) NS(-483.85) EW(-3875.75) TEMP(0.0)





#128 MD(10833.00) Inc(88.3) Azm(270.7) TVD(6918.48)  
VS(3990.51) NS(-482.48) EW(-3967.72) TEMP(0.0)

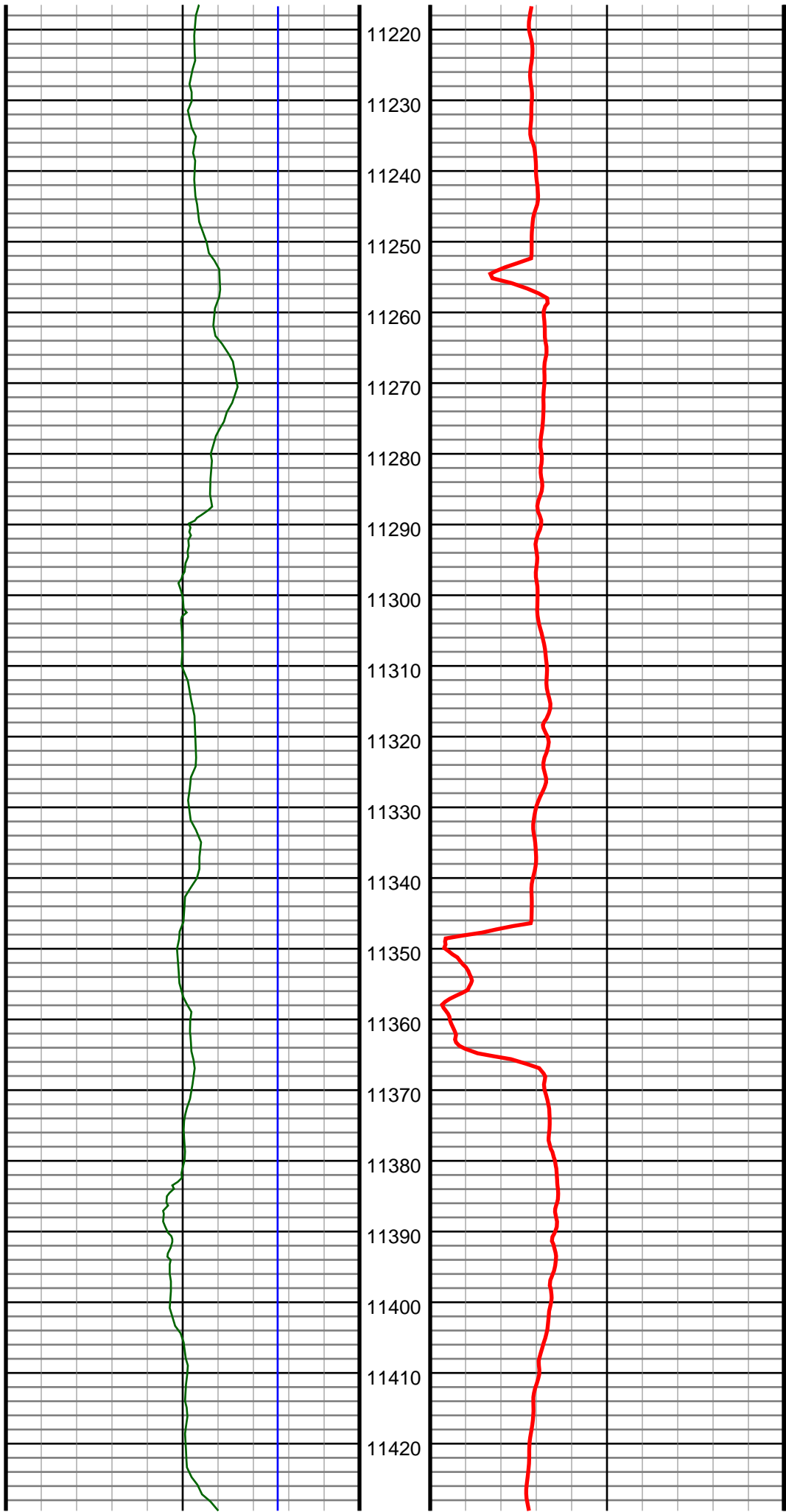
#129 MD(10924.00) Inc(88.8) Azm(270.7) TVD(6920.78)  
VS(4081.21) NS(-481.37) EW(-4058.68) TEMP(0.0)



#130 MD(11016.00) Inc(89.6) Azm(271.2) TVD(6922.06)  
VS(4172.90) NS(-479.85) EW(-4150.66) TEMP(0.0)

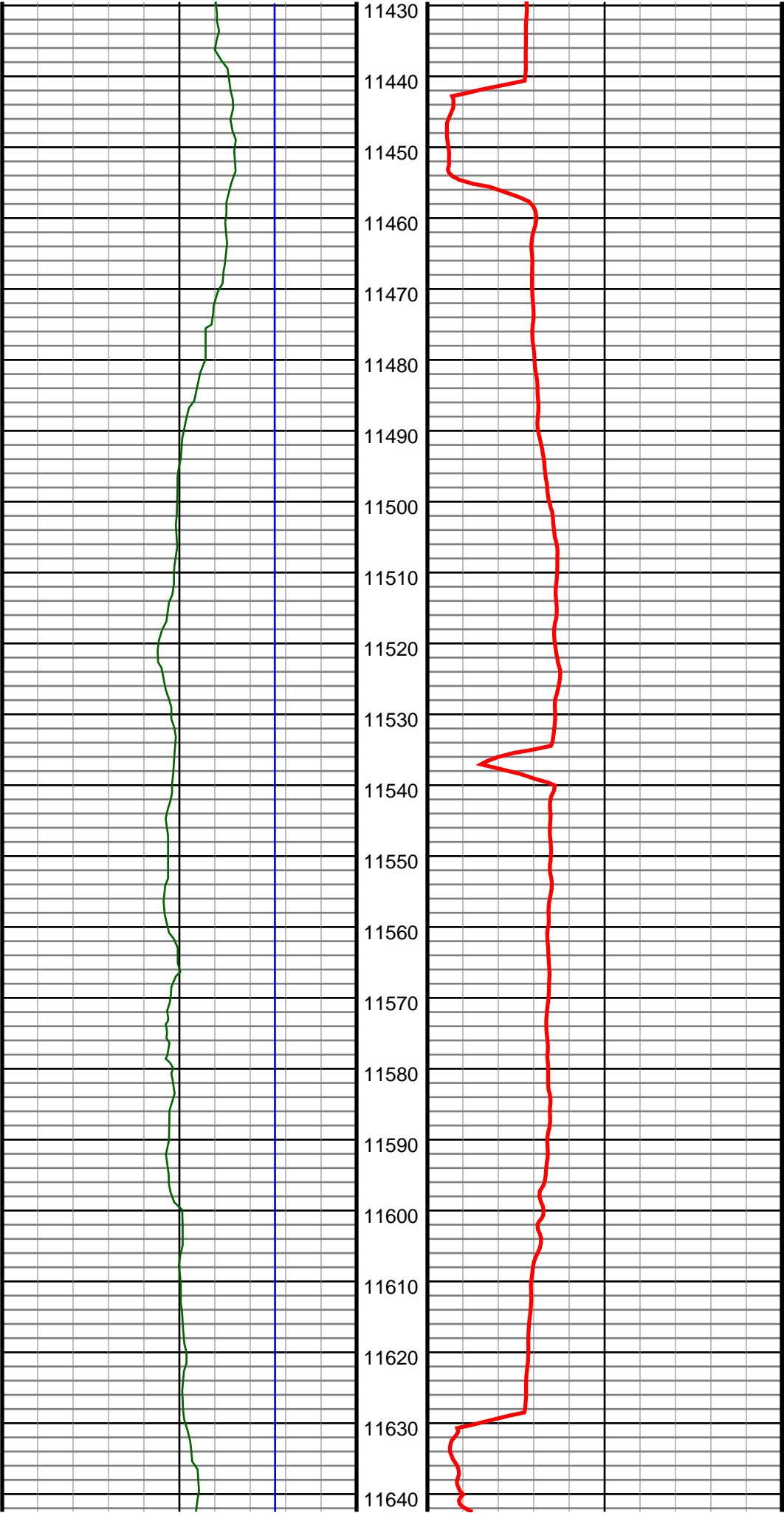
#131 MD(11108.00) Inc(89.2) Azm(269.5) TVD(6923.03)  
VS(4264.67) NS(-479.28) EW(-4242.65) TEMP(0.0)

#132 MD(11199.00) Inc(90.1) Azm(268.9) TVD(6923.58)  
VS(4355.55) NS(-480.56) EW(-4333.64) TEMP(0.0)



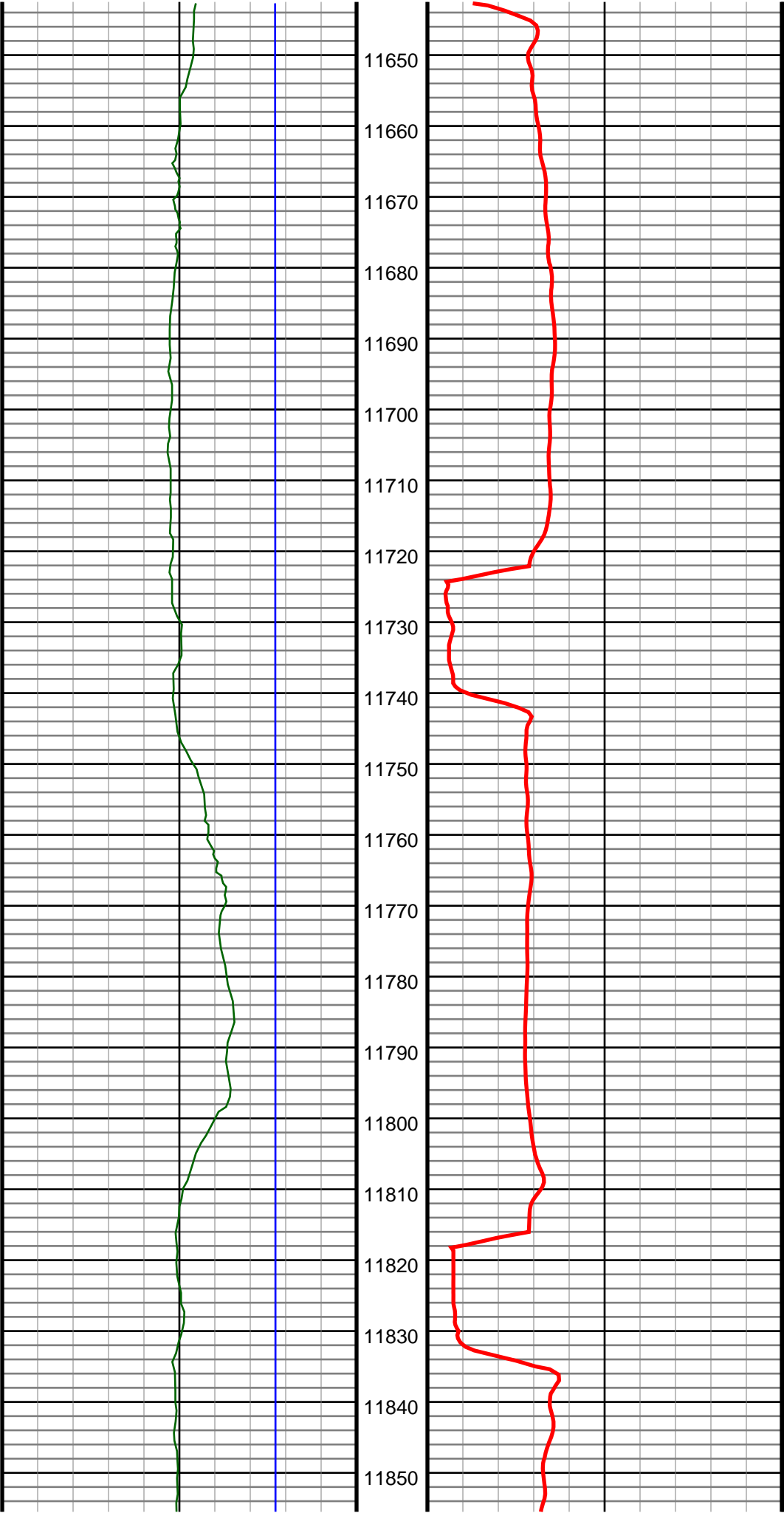
#133 MD(11294.00) Inc(90.6) Azm(268.8) TVD(6923.00)  
VS(4450.45) NS(-482.46) EW(-4428.62) TEMP(0.0)

#134 MD(11388.00) Inc(90.4) Azm(269.6) TVD(6922.18)  
VS(4544.33) NS(-483.77) EW(-4522.61) TEMP(0.0)



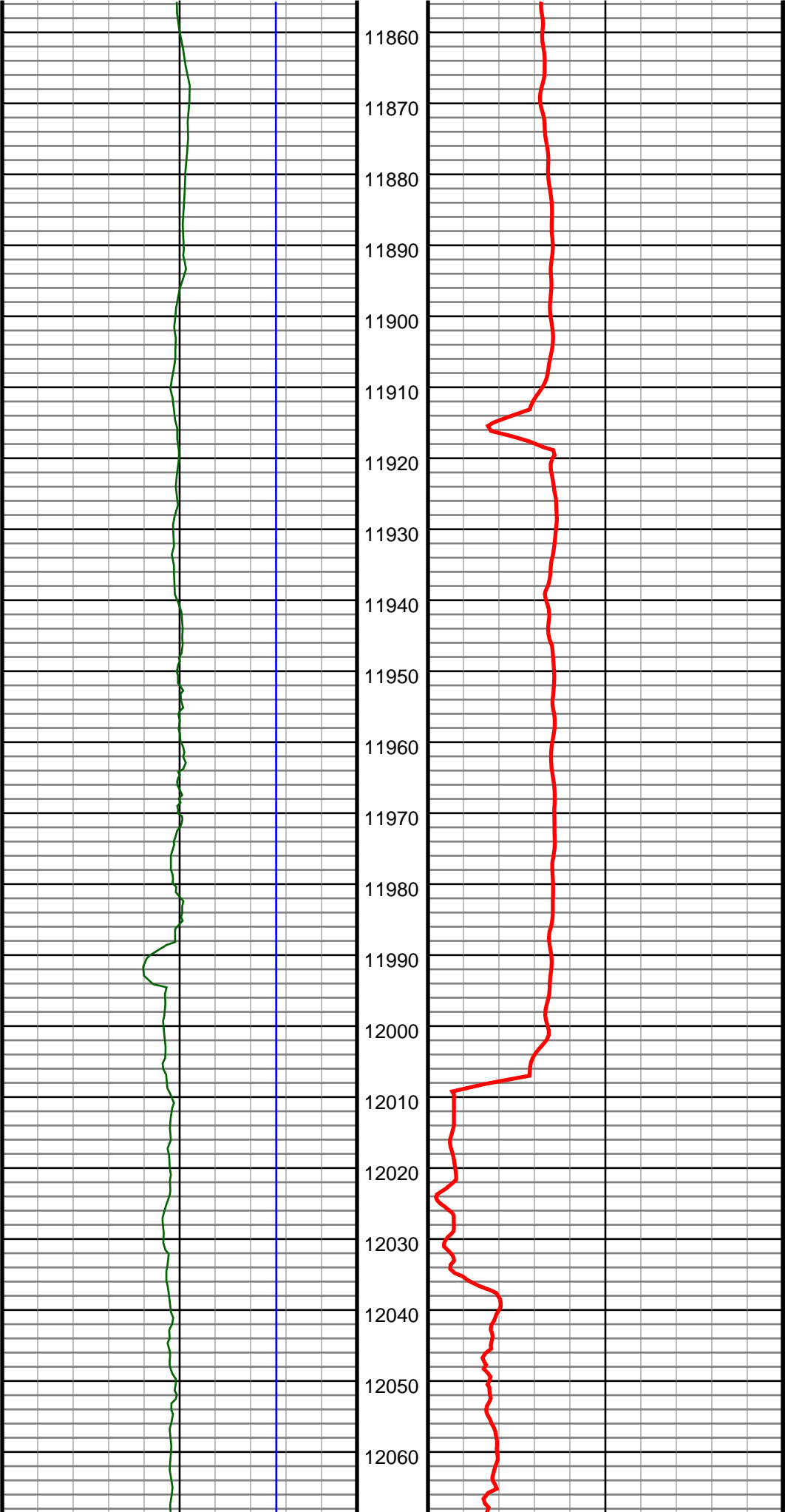
#135 MD(11482.00) Inc(88.9) Azm(269.5) TVD(6922.76)  
VS(4638.18) NS(-484.51) EW(-4616.60) TEMP(0.0)

#136 MD(11576.00) Inc(90.0) Azm(268.8) TVD(6923.66)  
VS(4732.06) NS(-485.91) EW(-4710.58) TEMP(0.0)



#137 MD(11671.00) Inc(89.1) Azm(267.5) TVD(6924.41)  
VS(4827.00) NS(-488.97) EW(-4805.53) TEMP(0.0)

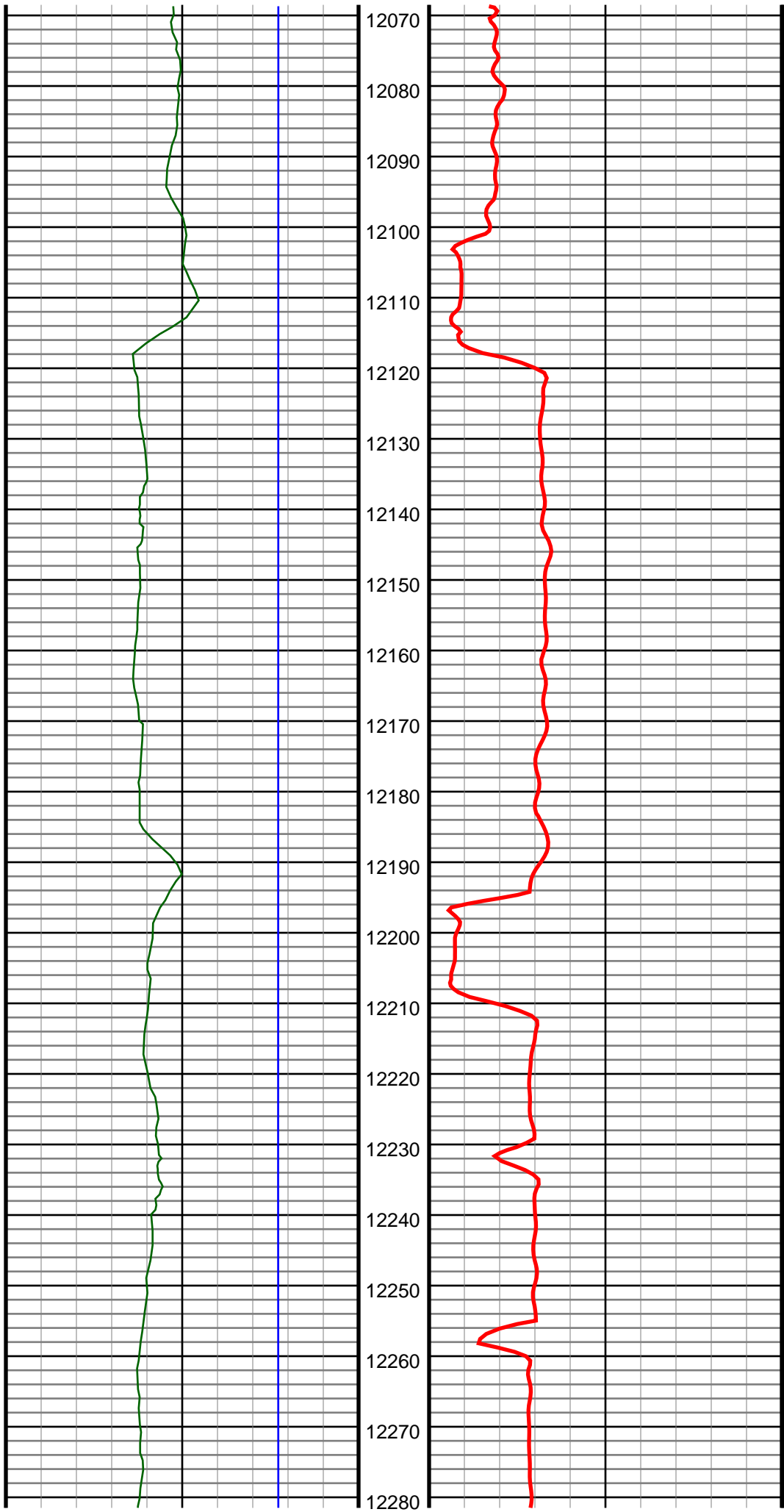
#138 MD(11765.00) Inc(90.1) Azm(268.1) TVD(6925.06)  
VS(4920.97) NS(-492.58) EW(-4899.45) TEMP(0.0)



#139 MD(11859.00) Inc(89.4) Azm(270.9) TVD(6925.47)  
VS(5014.81) NS(-493.40) EW(-4993.44) TEMP(0.0)

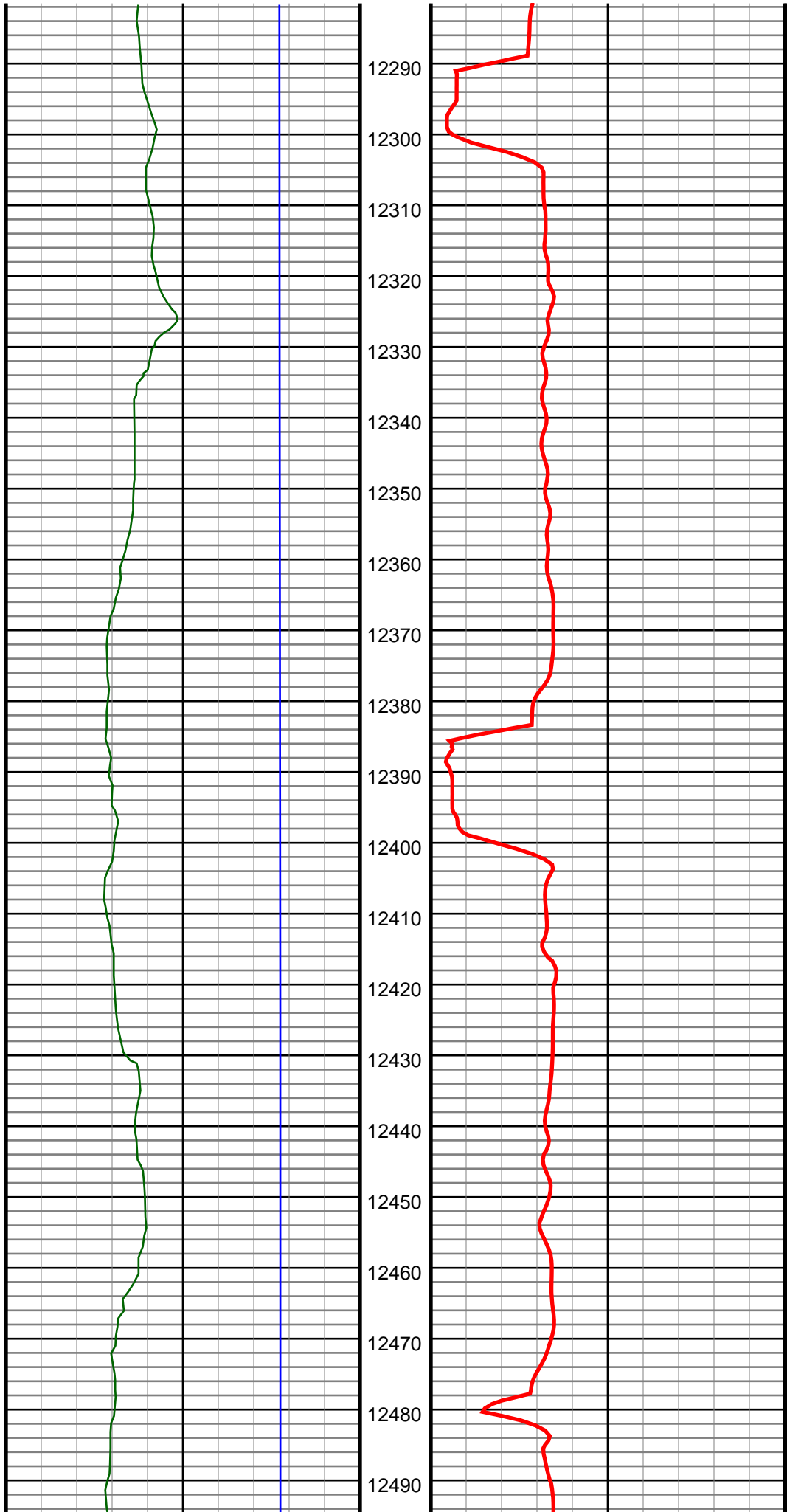
#140 MD(11953.00) Inc(89.5) Azm(272.6) TVD(6926.37)  
VS(5108.38) NS(-490.53) EW(-5087.39) TEMP(0.0)

#141 MD(12048.00) Inc(89.6) Azm(270.9) TVD(6927.12)  
VS(5202.95) NS(-487.63) EW(-5182.34) TEMP(0.0)



#142 MD(12142.00) Inc(90.7) Azm(268.9) TVD(6926.87)  
VS(5296.76) NS(-487.79) EW(-5276.33) TEMP(0.0)

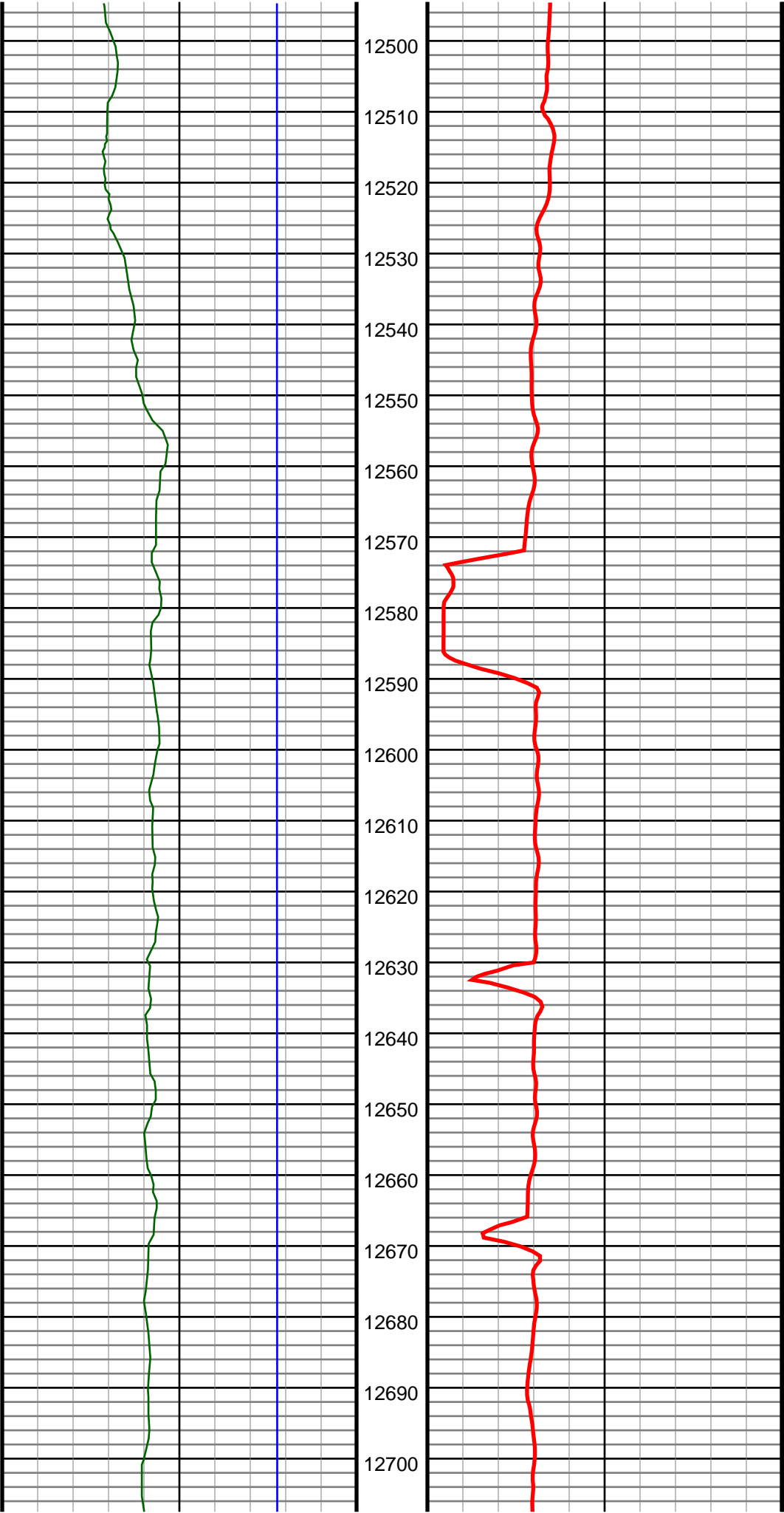
#143 MD(12236.00) Inc(90.0) Azm(268.4) TVD(6926.30)  
VS(5390.68) NS(-490.01) EW(-5370.30) TEMP(0.0)



#144 MD(12330.00) Inc(88.3) Azm(268.2) TVD(6927.69)  
VS(5484.61) NS(-492.80) EW(-5464.24) TEMP(0.0)

#145 MD(12424.00) Inc(88.8) Azm(269.5) TVD(6930.07)  
VS(5578.48) NS(-494.68) EW(-5558.19) TEMP(0.0)

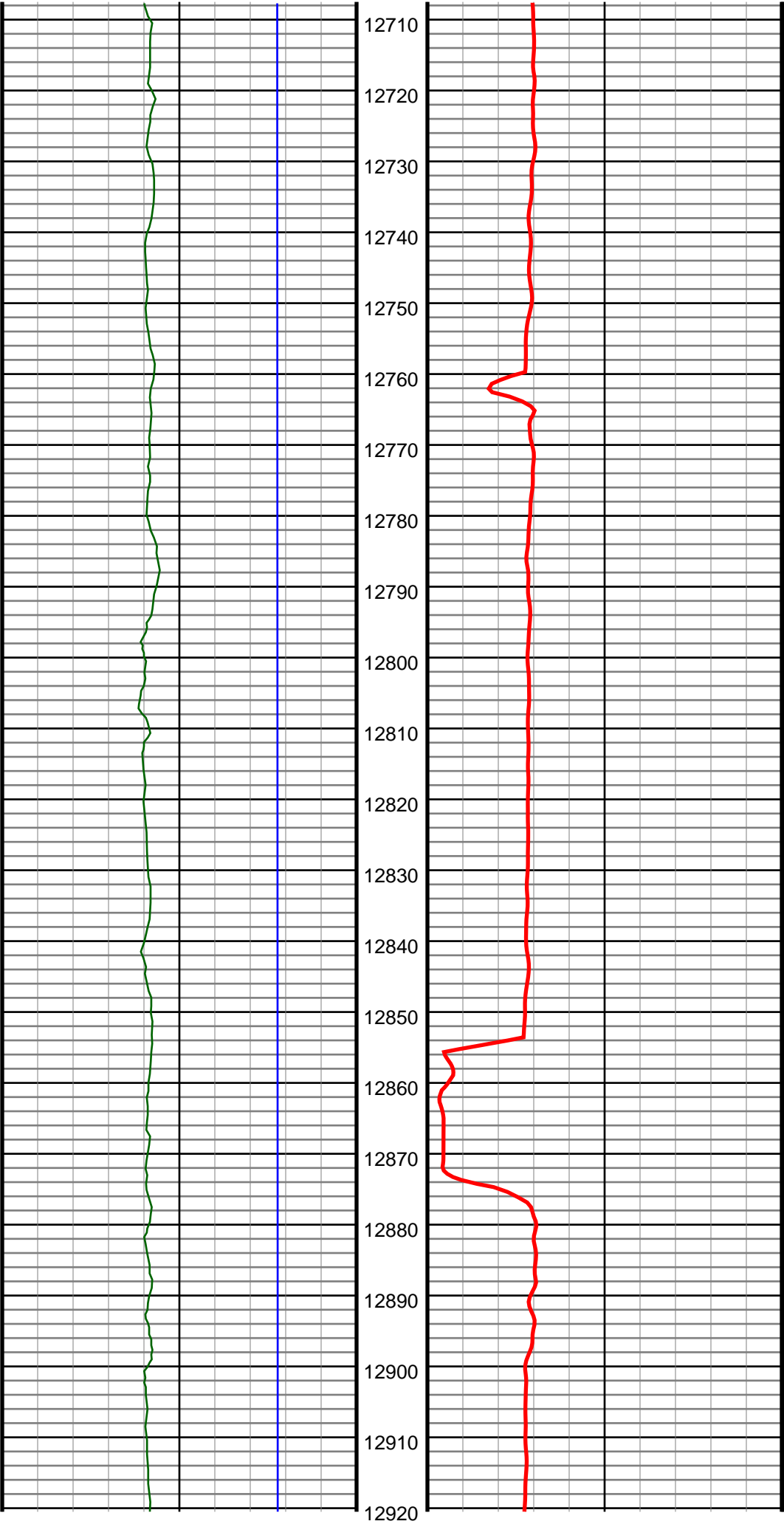




#146 MD(12519.00) Inc(90.7) Azm(269.6) TVD(6930.49)  
VS(5673.33) NS(-495.43) EW(-5653.19) TEMP(0.0)

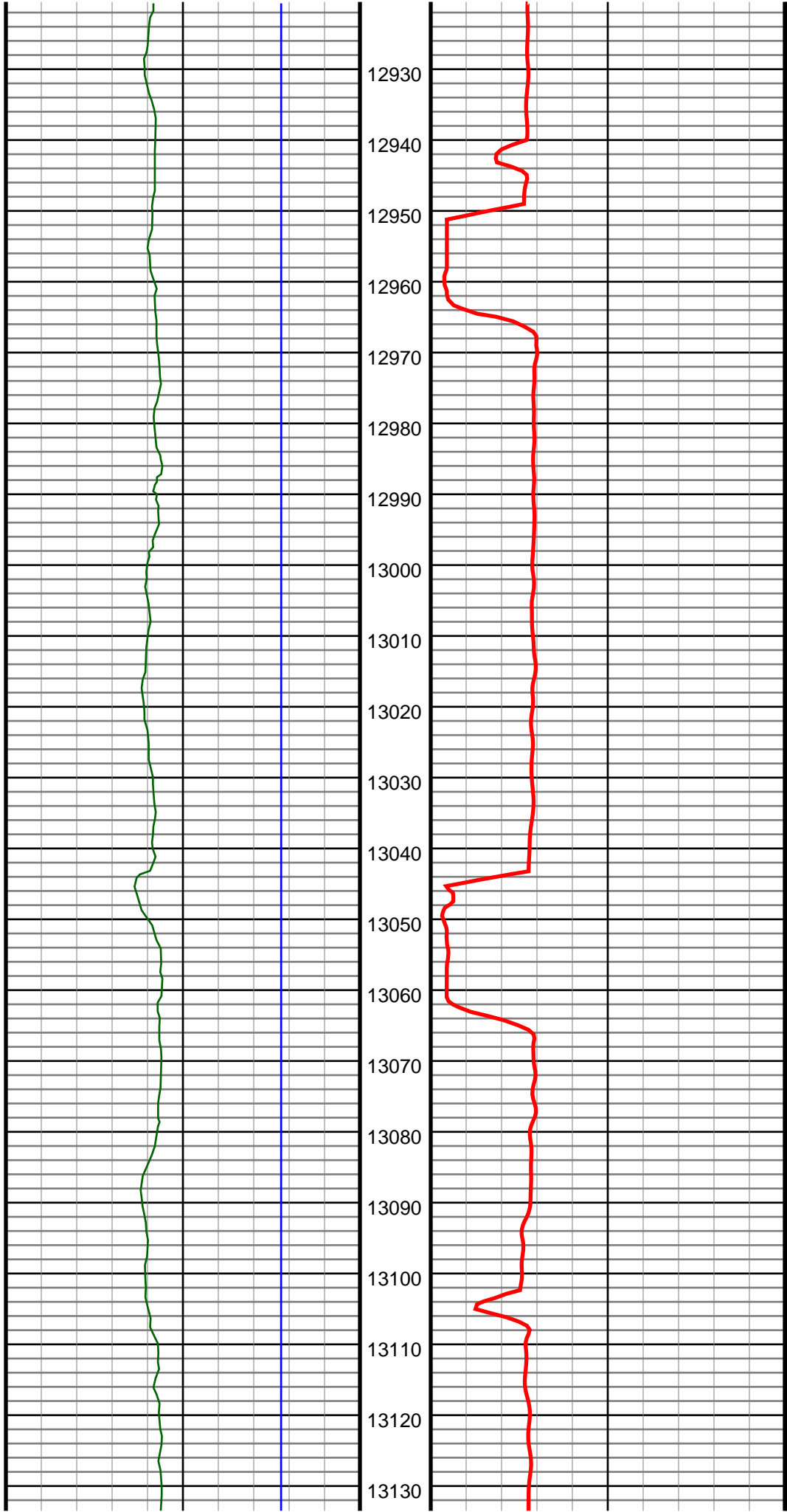
#147 MD(12613.00) Inc(89.3) Azm(270.2) TVD(6930.49)  
VS(5767.14) NS(-495.59) EW(-5747.18) TEMP(0.0)

#148 MD(12707.00) Inc(89.7) Azm(268.9) TVD(6931.31)  
VS(5860.99) NS(-496.33) EW(-5841.17) TEMP(0.0)



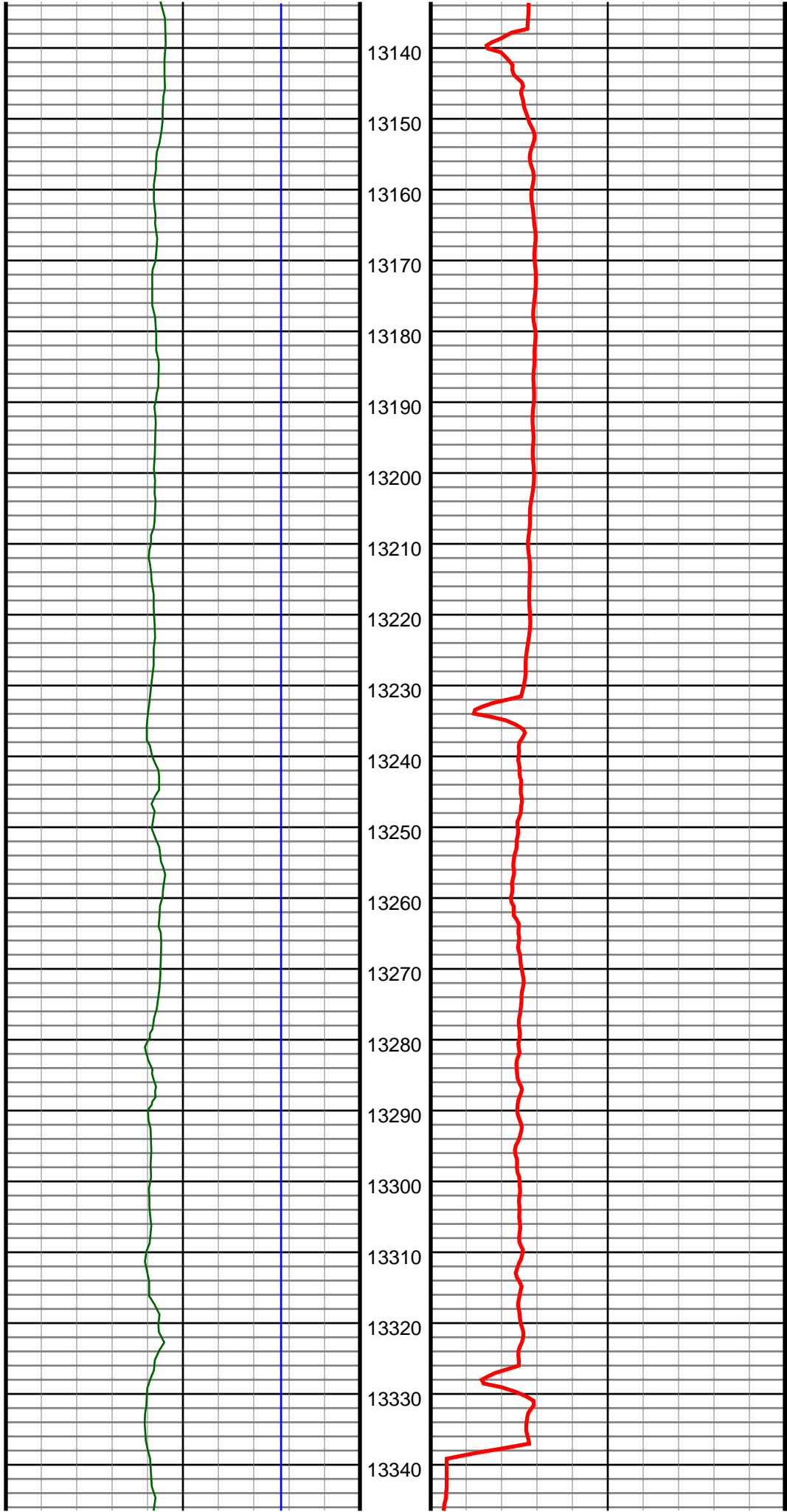
#149 MD(12801.00) Inc(89.4) Azm(267.9) TVD(6932.05)  
VS(5954.92) NS(-498.96) EW(-5935.13) TEMP(0.0)

#150 MD(12896.00) Inc(89.6) Azm(268.8) TVD(6932.88)  
VS(6049.86) NS(-501.69) EW(-6030.09) TEMP(0.0)



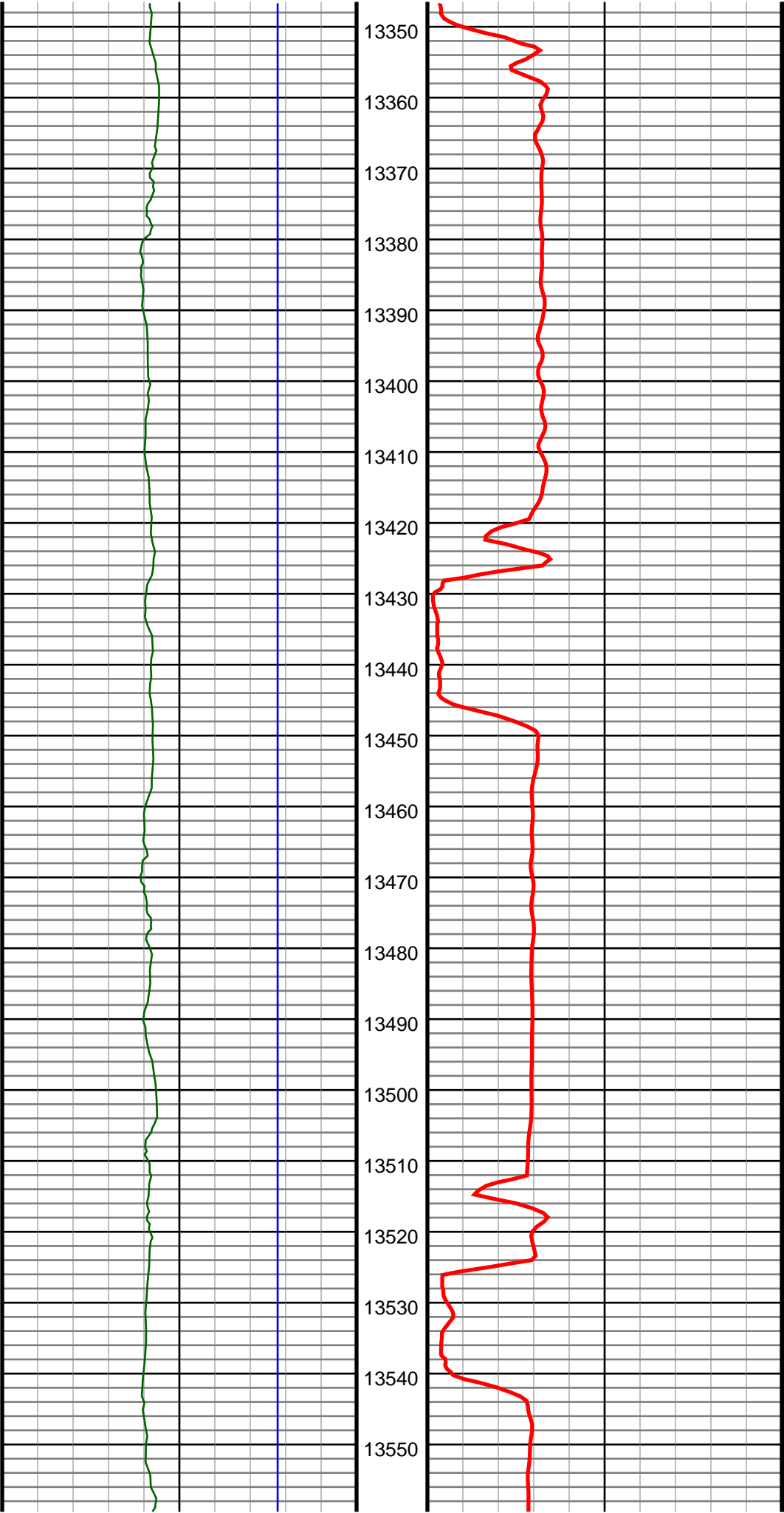
#151 MD(12990.00) Inc(90.0) Azm(269.1) TVD(6933.20)  
VS(6143.76) NS(-503.41) EW(-6124.07) TEMP(0.0)

#152 MD(13084.00) Inc(90.4) Azm(270.2) TVD(6932.88)  
VS(6237.60) NS(-503.99) EW(-6218.07) TEMP(0.0)



#153 MD(13178.00) Inc(89.9) Azm(269.5) TVD(6932.63)  
VS(6331.42) NS(-504.23) EW(-6312.07) TEMP(0.0)

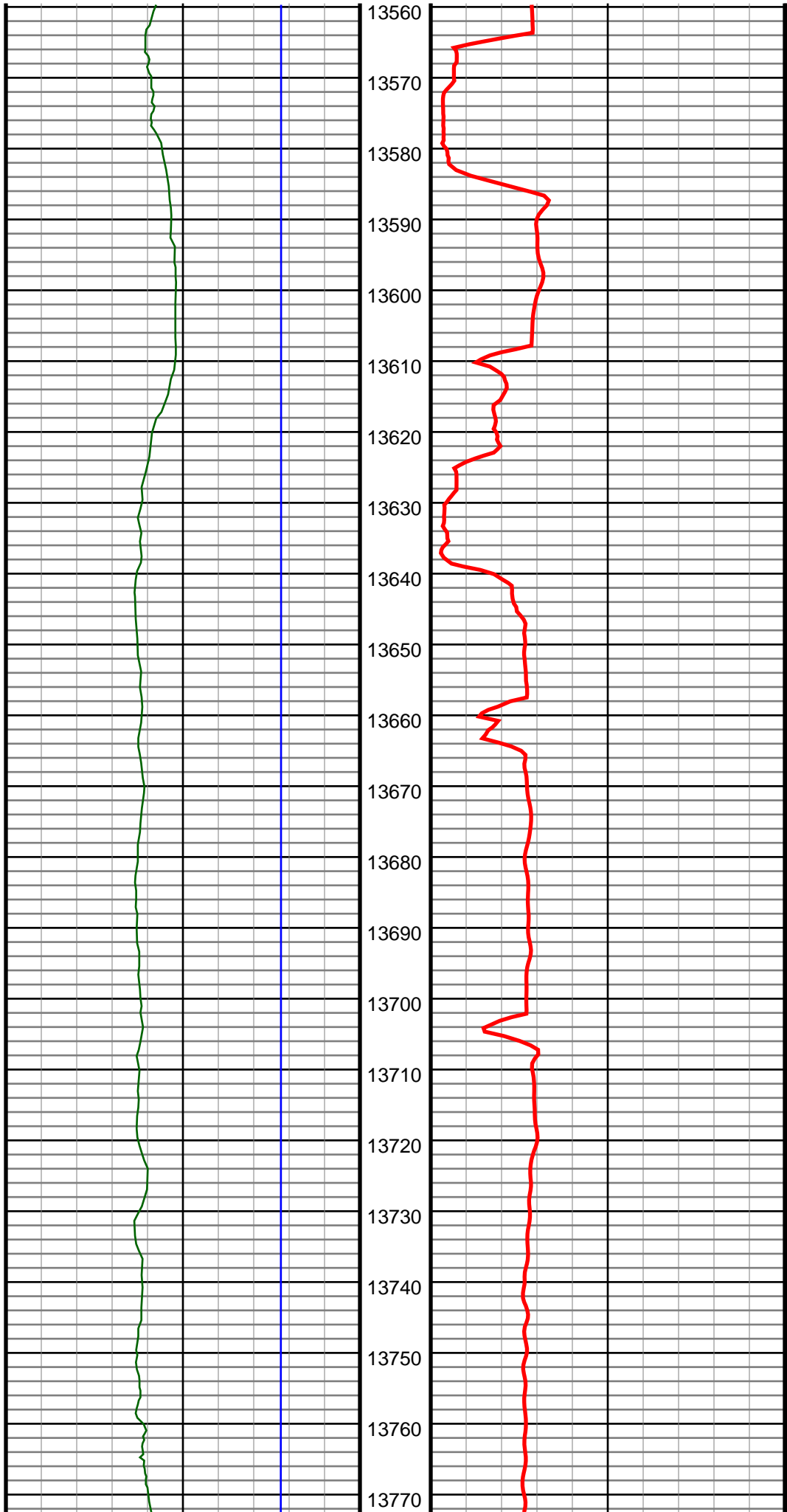
#154 MD(13272.00) Inc(90.0) Azm(268.6) TVD(6932.71)  
VS(6425.31) NS(-505.79) EW(-6406.05) TEMP(0.0)



#155 MD(13366.00) Inc(90.0) Azm(268.8) TVD(6932.71)  
VS(6519.23) NS(-507.93) EW(-6500.03) TEMP(0.0)

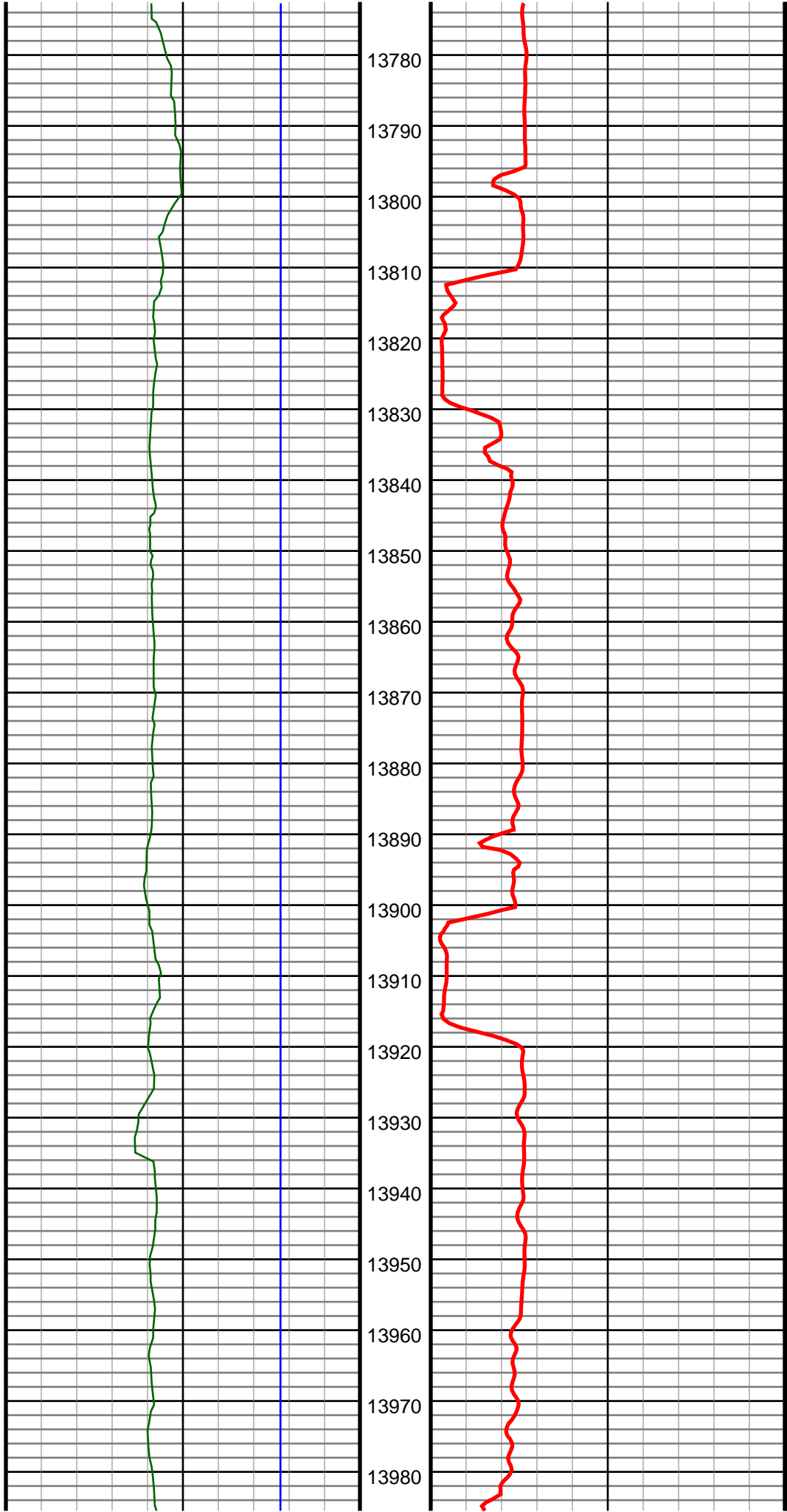
#156 MD(13460.00) Inc(90.0) Azm(268.8) TVD(6932.71)  
VS(6613.14) NS(-509.89) EW(-6594.01) TEMP(0.0)

#157 MD(13554.00) Inc(90.0) Azm(269.3) TVD(6932.71)  
VS(6707.03) NS(-511.45) EW(-6687.99) TEMP(0.0)



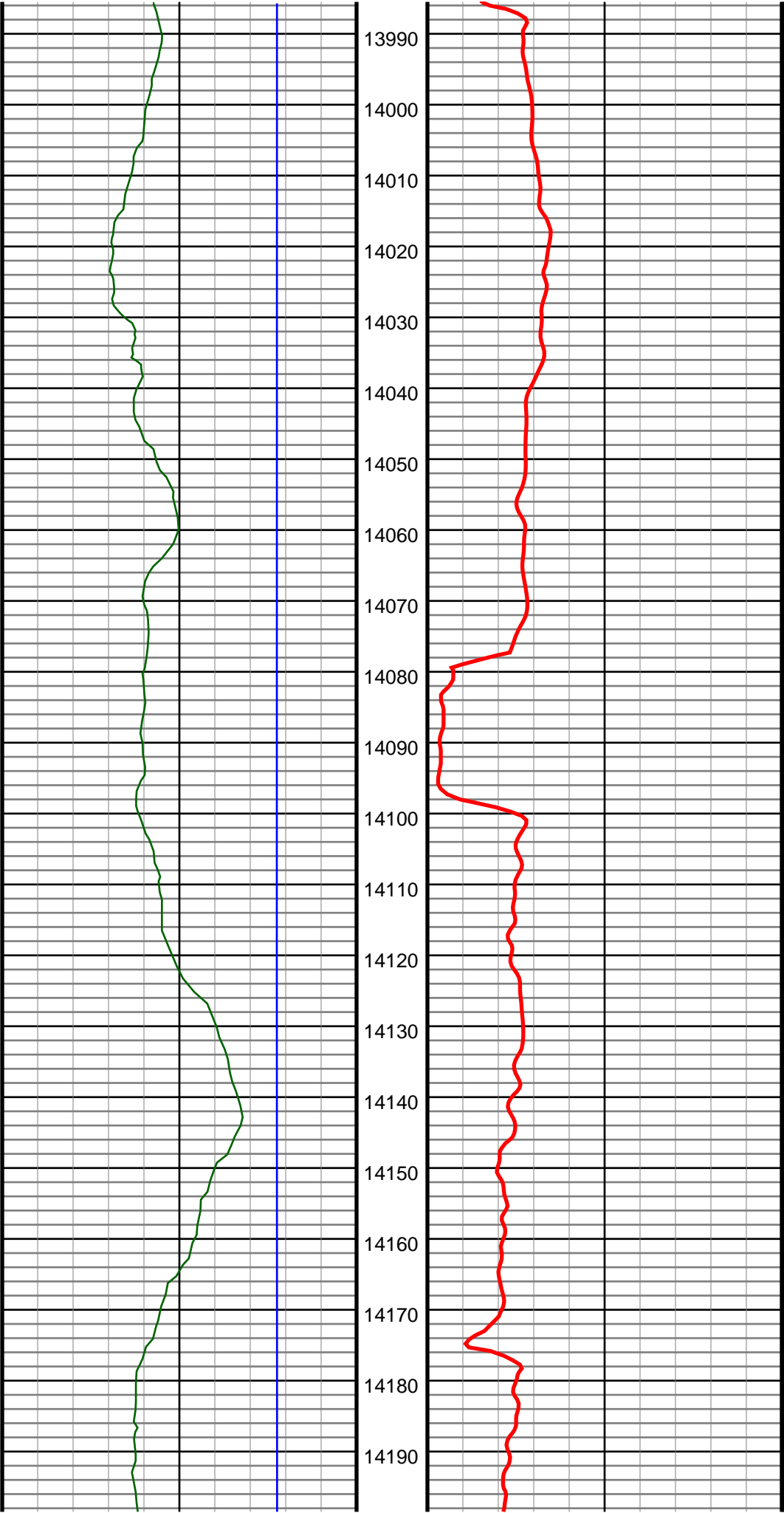
#158 MD(13648.00) Inc(90.0) Azm(271.9) TVD(6932.71)  
VS(6800.76) NS(-510.47) EW(-6781.98) TEMP(0.0)

#159 MD(13742.00) Inc(90.8) Azm(270.7) TVD(6932.06)  
VS(6894.40) NS(-508.34) EW(-6875.95) TEMP(0.0)



#160 MD(13836.00) Inc(90.4) Azm(271.4) TVD(6931.07)  
VS(6988.08) NS(-506.61) EW(-6969.93) TEMP(0.0)

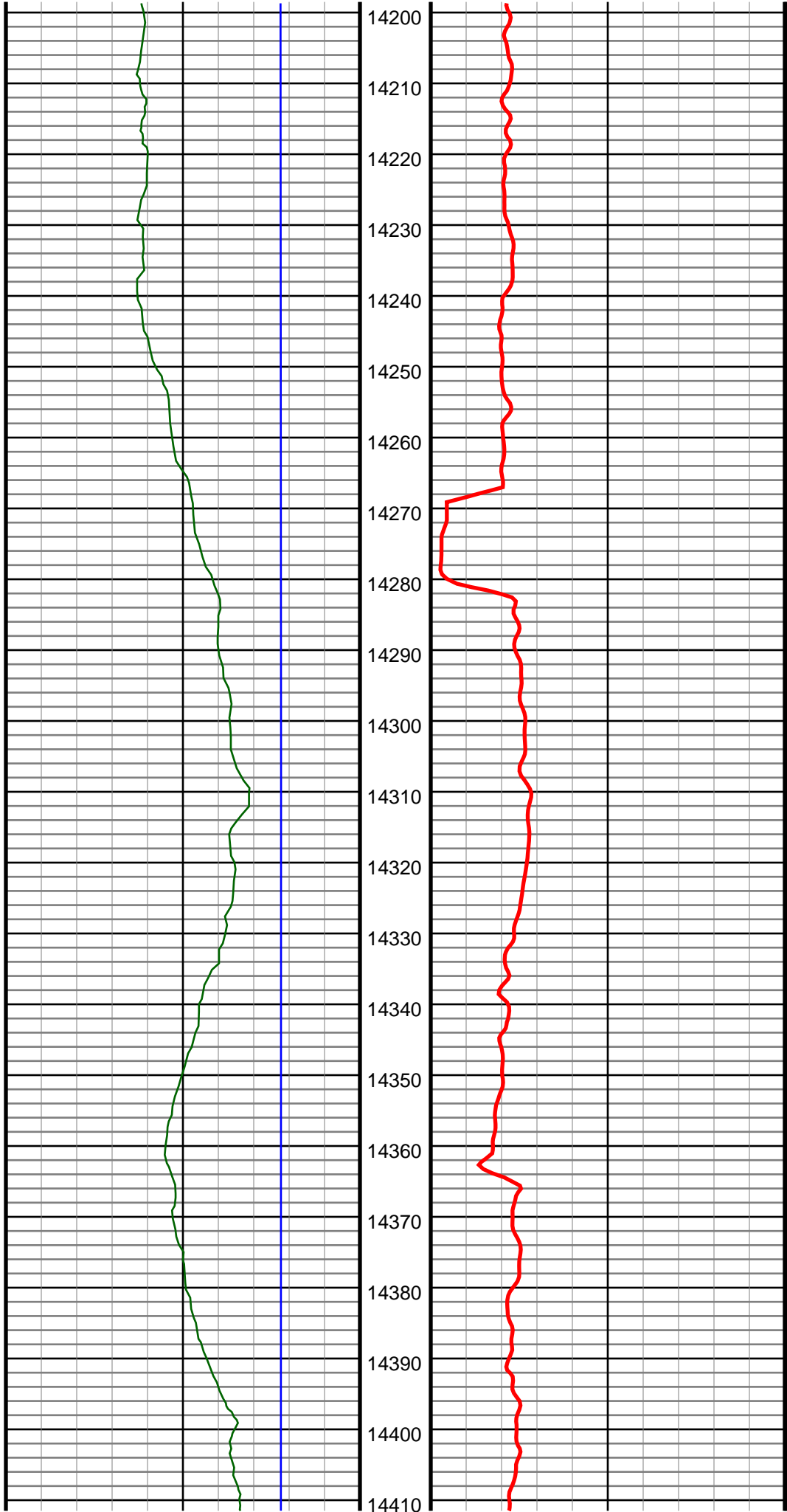
#161 MD(13931.00) Inc(89.9) Azm(270.3) TVD(6930.82)  
VS(7082.78) NS(-505.20) EW(-7064.92) TEMP(0.0)



#162 MD(14025.00) Inc(90.7) Azm(269.8) TVD(6930.33)  
VS(7176.58) NS(-505.12) EW(-7158.92) TEMP(0.0)

#163 MD(14119.00) Inc(89.8) Azm(270.3) TVD(6929.92)  
VS(7270.37) NS(-505.04) EW(-7252.91) TEMP(0.0)

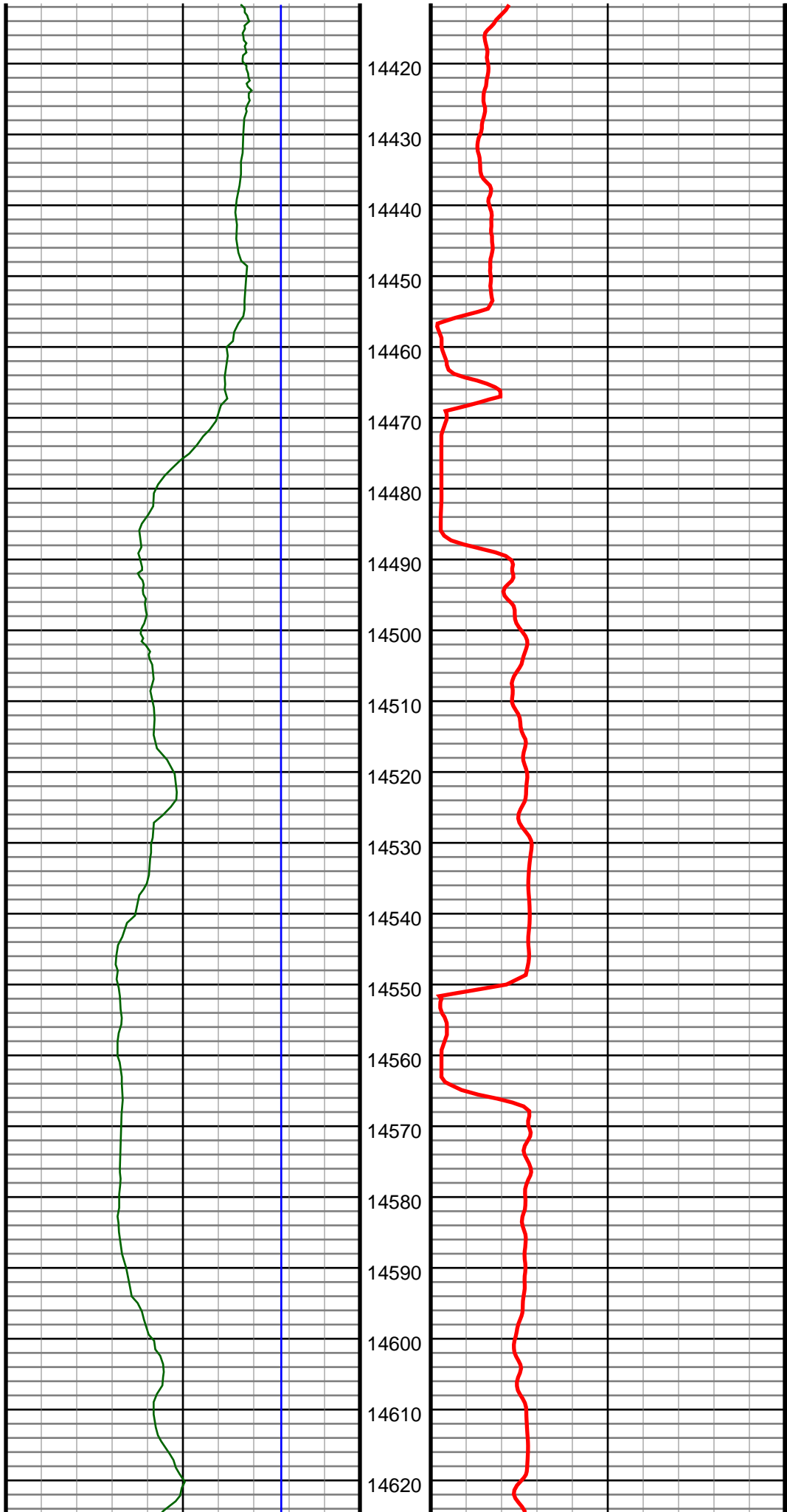




#164 MD(14213.00) Inc(88.8) Azm(270.9) TVD(6931.07)  
VS(7364.10) NS(-504.06) EW(-7346.90) TEMP(0.0)

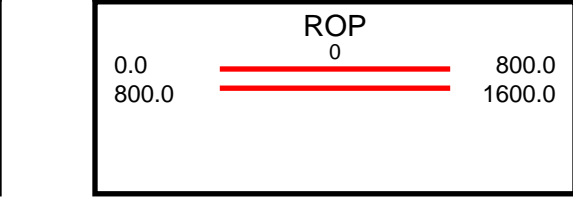
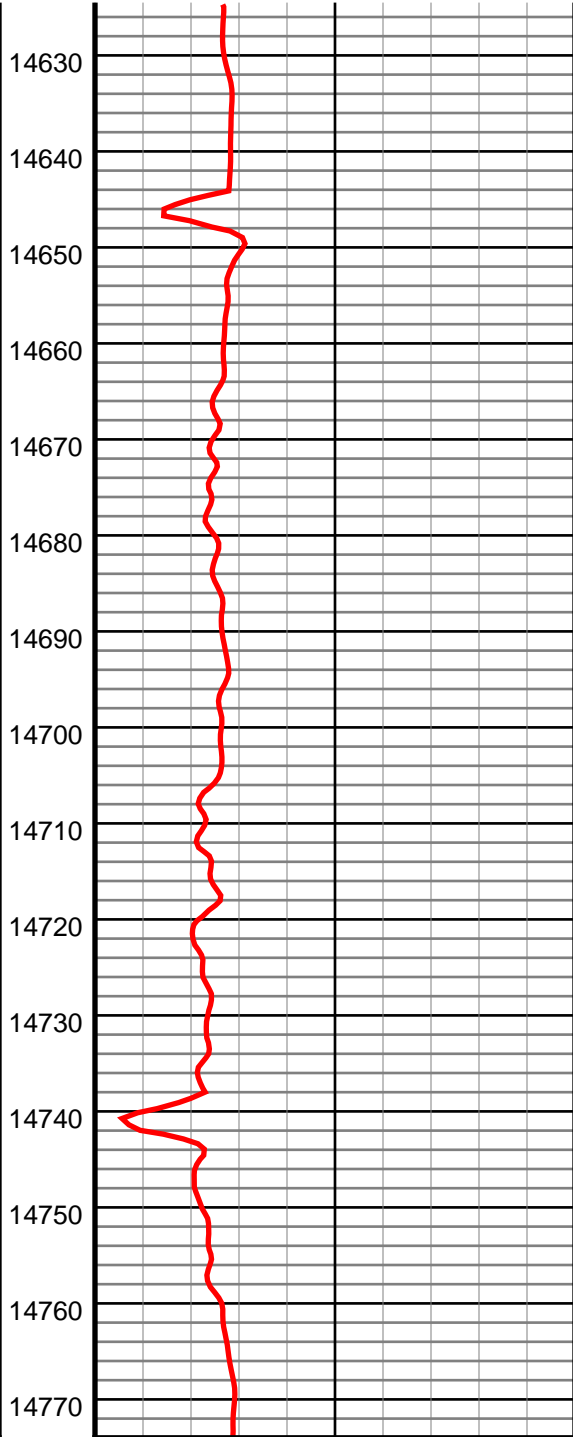
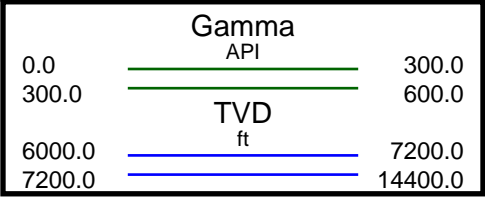
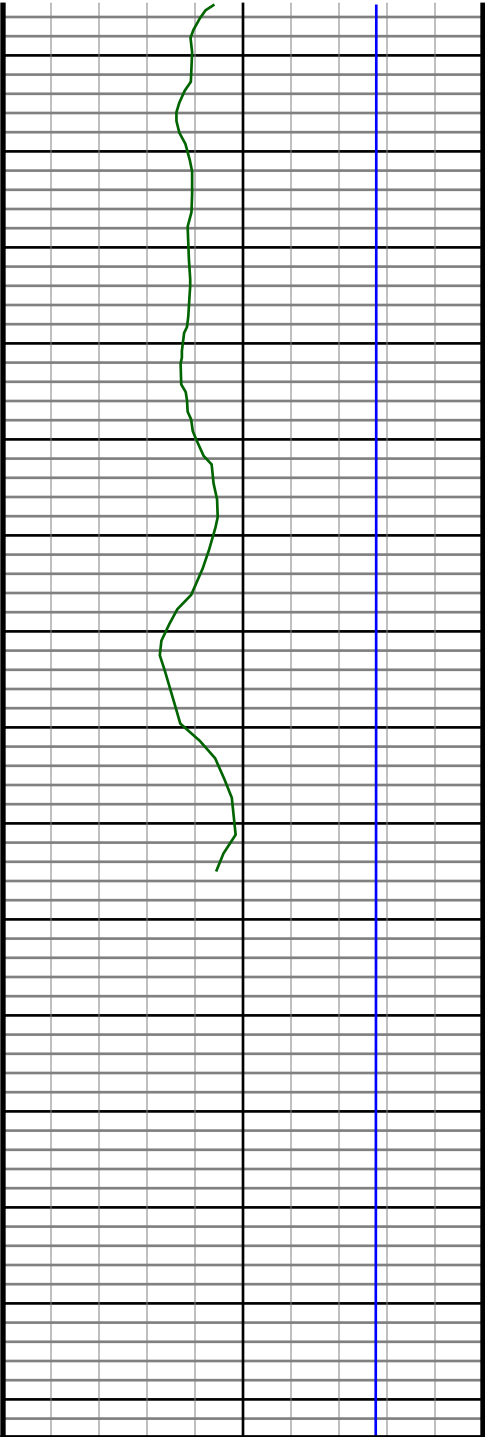
#165 MD(14308.00) Inc(89.3) Azm(270.2) TVD(6932.64)  
VS(7458.83) NS(-503.14) EW(-7441.88) TEMP(0.0)

#166 MD(14402.00) Inc(91.4) Azm(269.8) TVD(6932.07)  
VS(7552.63) NS(-503.14) EW(-7535.87) TEMP(0.0)



#167 MD(14496.00) Inc(88.5) Azm(269.8) TVD(6932.15)  
VS(7646.45) NS(-503.47) EW(-7629.86) TEMP(0.0)

#168 MD(14590.00) Inc(90.0) Azm(270.2) TVD(6933.38)  
VS(7740.24) NS(-503.47) EW(-7723.85) TEMP(0.0)



#169 MD(14684.00) Inc(90.5) Azm(270.0) TVD(6932.97)  
VS(7834.04) NS(-503.31) EW(-7817.85) TEMP(0.0)

#170 MD(14719.00) Inc(90.8) Azm(269.8) TVD(6932.57)  
VS(7868.97) NS(-503.37) EW(-7852.85) TEMP(0.0)