



ARELLANO O-10-9HN

MD
5":100'

Company: Bayswater Exploration & Production, LLC
Well Name: ARELLANO O-10-9HN
API: 05-123-41110-00
Rig Id: Frontier 8
State: CO
County/Parish: Weld
Country: United States
Survey Company: Ensign Directional Services
Job number: 207-F8-40
DIR. DRILLER DAY Kabel Skeleton
DIR. DRILLER NIGHT Austin Clark
LWD/MWD DAYS Matt Brokaw
LWD/MWD NIGHTS Tyler Teague

Log measurements: Gamma
Depth measured from: Rig Floor
Maximum temperature:

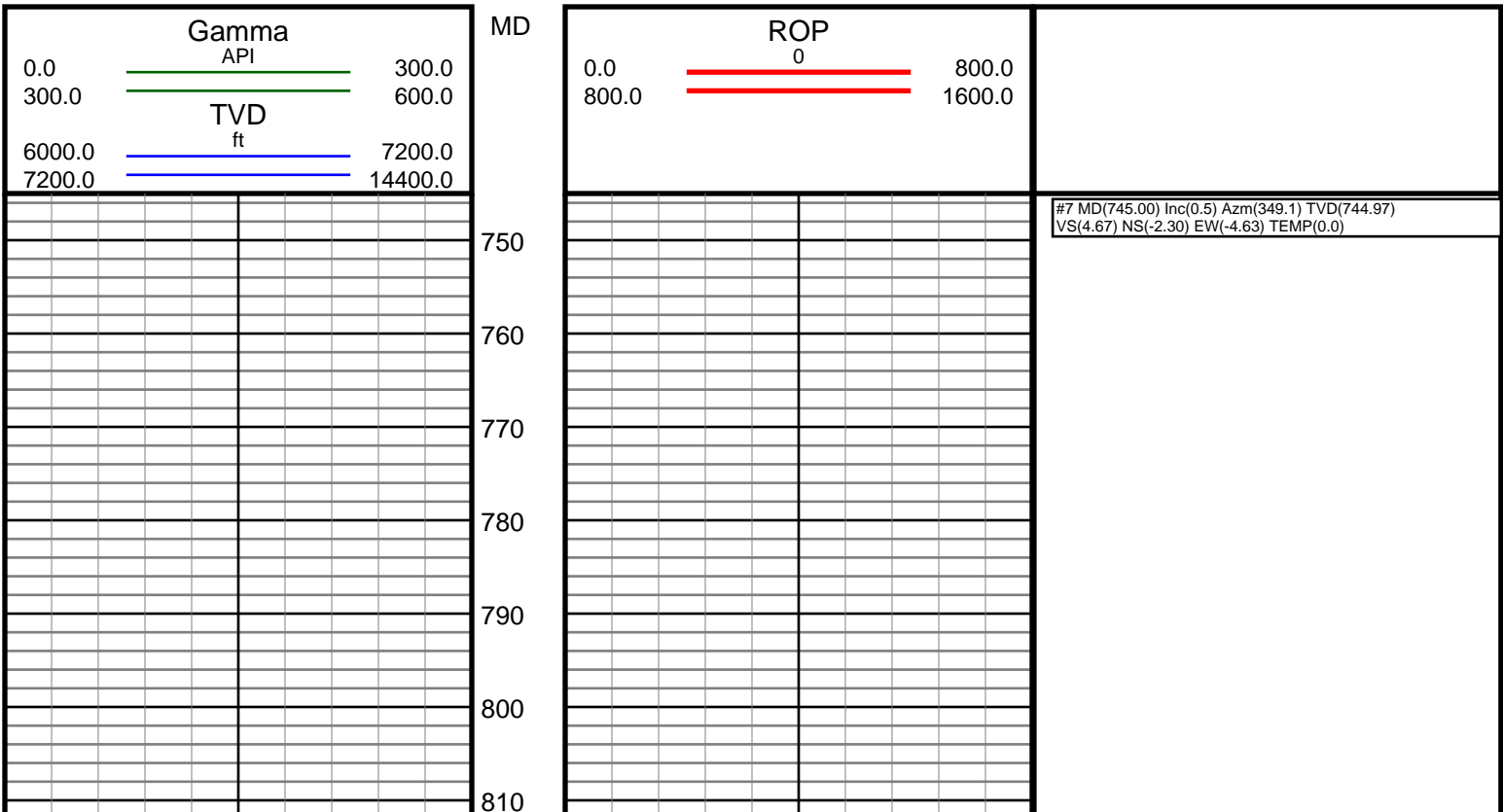
Depth **Date**
Start: 7294 ft 5/20/2015
End: 13948 ft 5/23/2015

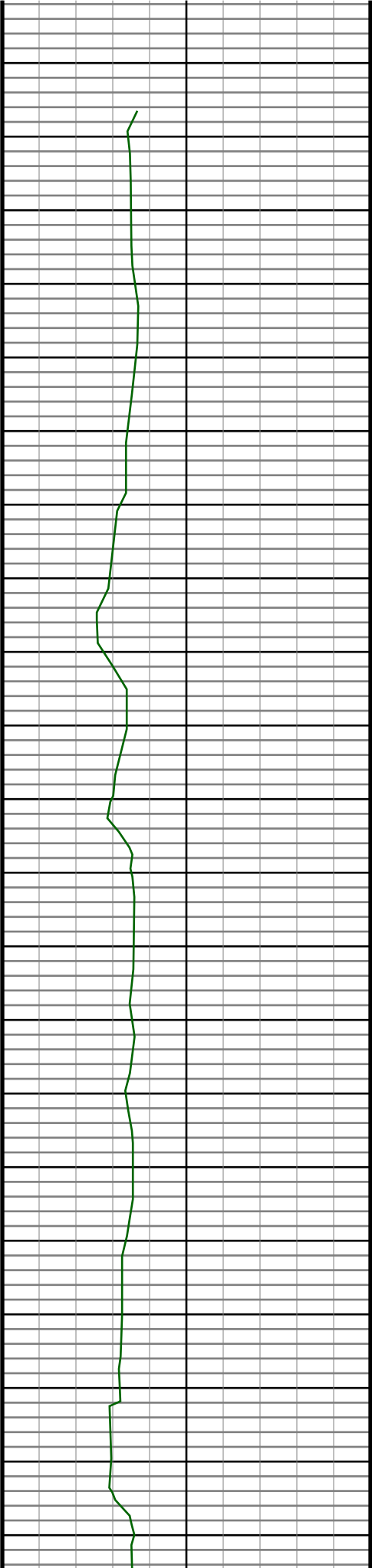
Casing Depth Size
Surface: 790 9.625
Intermediate: 7283 7

Mud Type:
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**
Elevations
KB: 4638.5
GL: 4616
DF: 4638.5

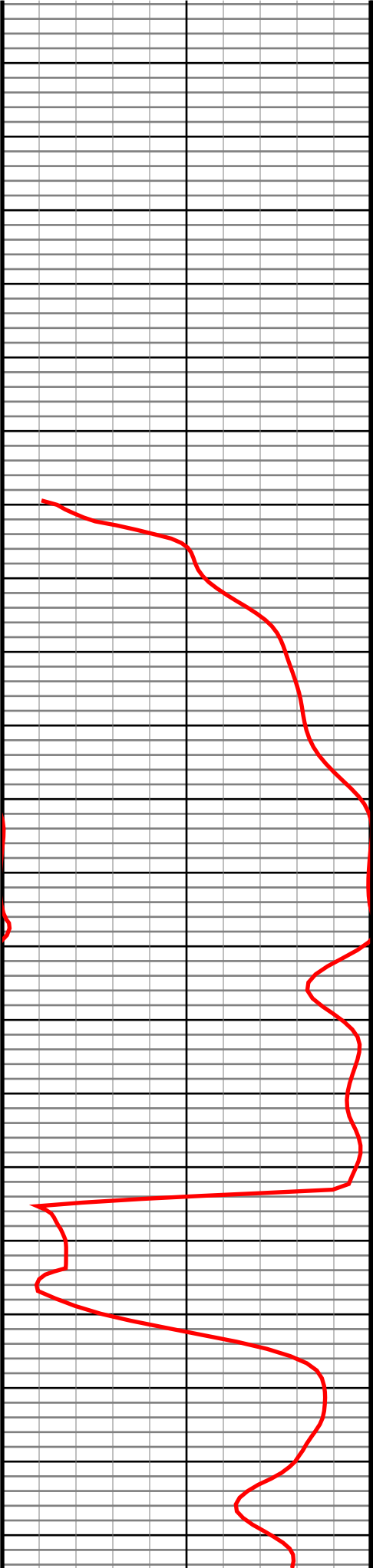
Run	Bit Size	Gamma	Survey	Start	End	Start	End
1	8.75	53.52	48.52	800	7294	4/17/2015	4/19/2015
2	6.125	60.38	55.38	7294	13948	5/20/2015	5/23/2015
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Ensign Directional Services uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.



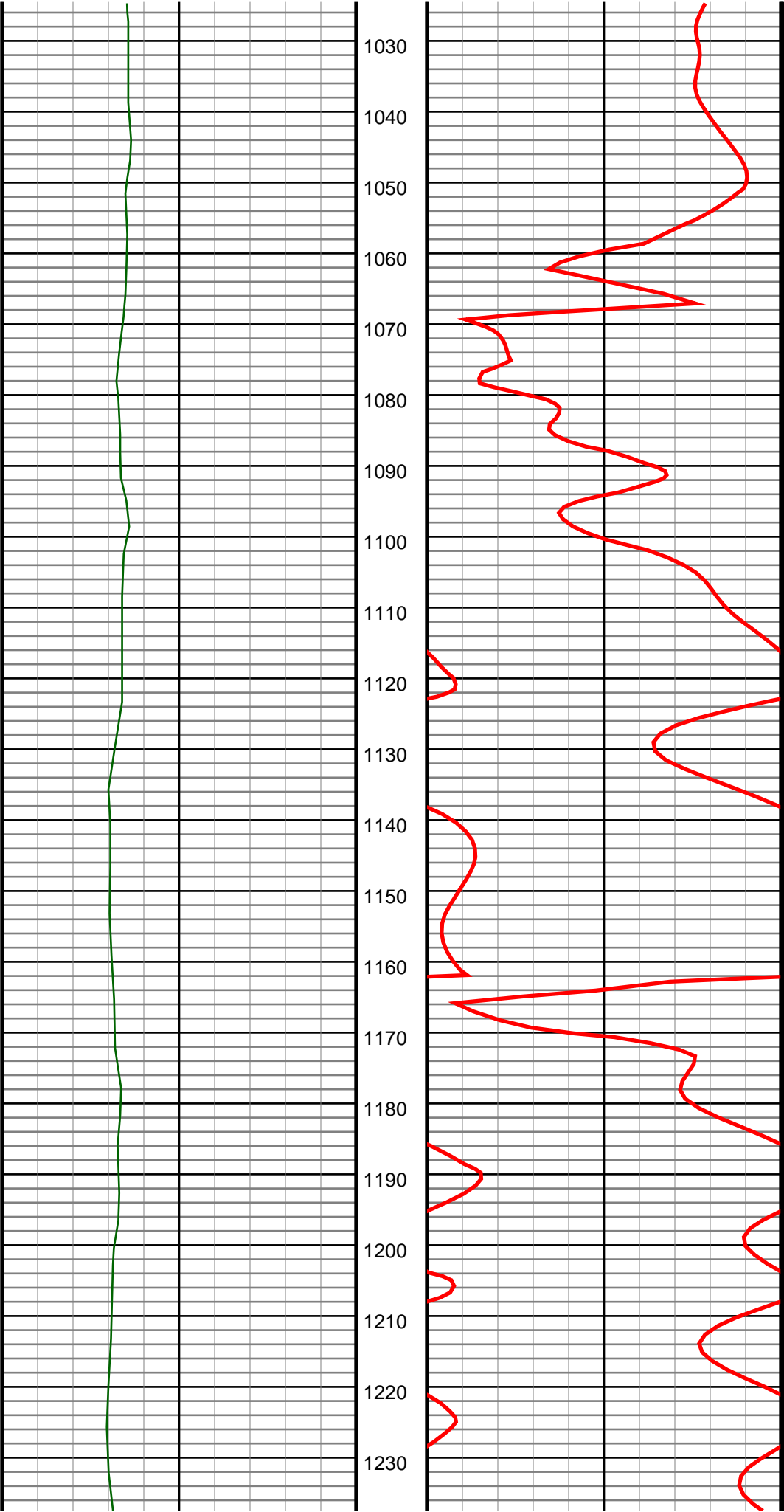


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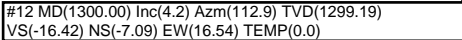
#8 MD(925.00) Inc(0.6) Azm(10.2) TVD(924.96)
VS(4.62) NS(-0.60) EW(-4.62) TEMP(0.0)

#9 MD(1020.00) Inc(2.6) Azm(96.2) TVD(1019.93)
VS(2.39) NS(-0.34) EW(-2.38) TEMP(0.0)

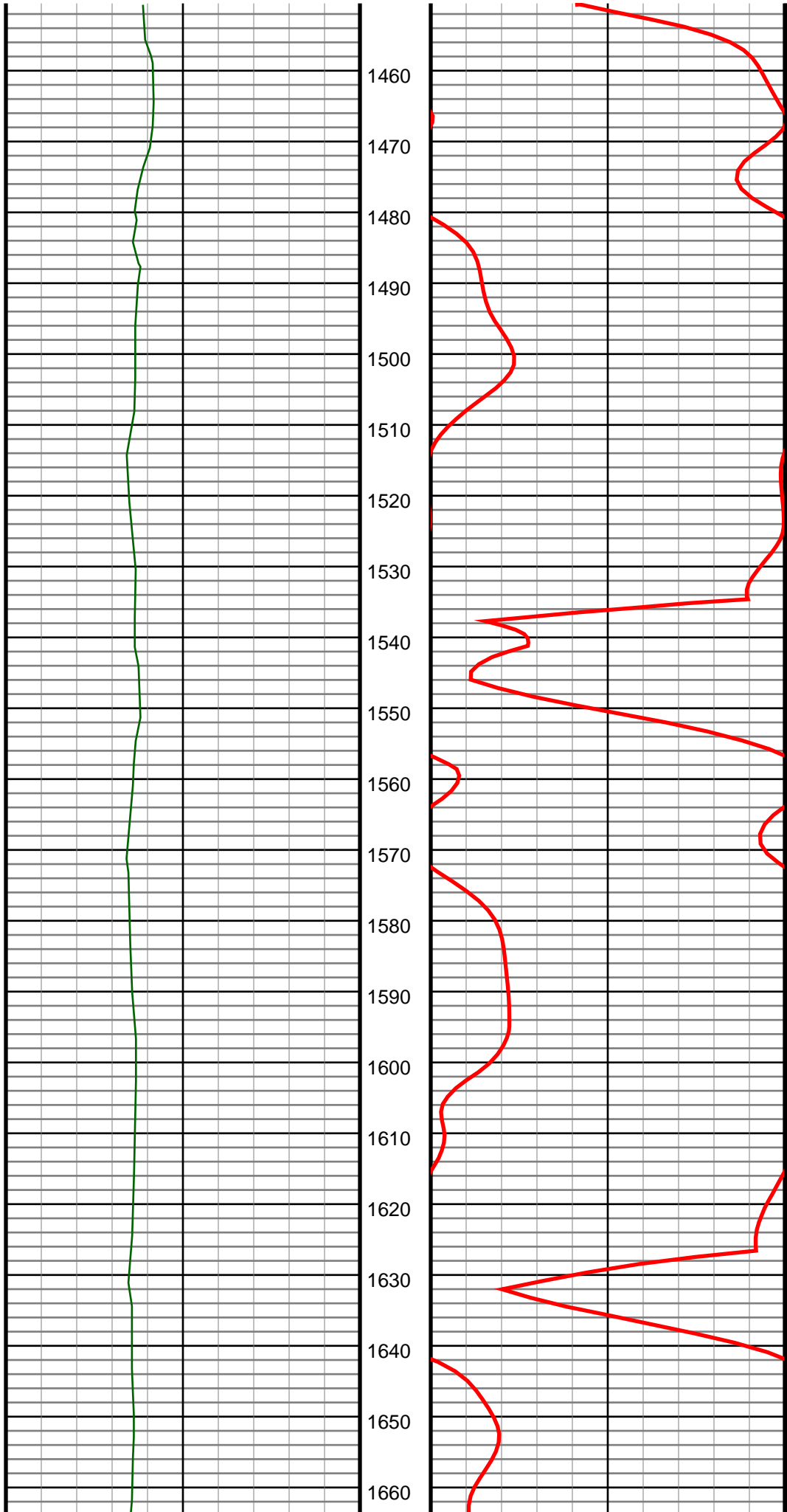


#10 MD(1115.00) Inc(4.6) Azm(110.1) TVD(1114.73)
VS(-3.30) NS(-1.88) EW(3.34) TEMP(0.0)

#11 MD(1208.00) Inc(4.4) Azm(111.6) TVD(1207.45)
VS(-10.08) NS(-4.48) EW(10.15) TEMP(0.0)

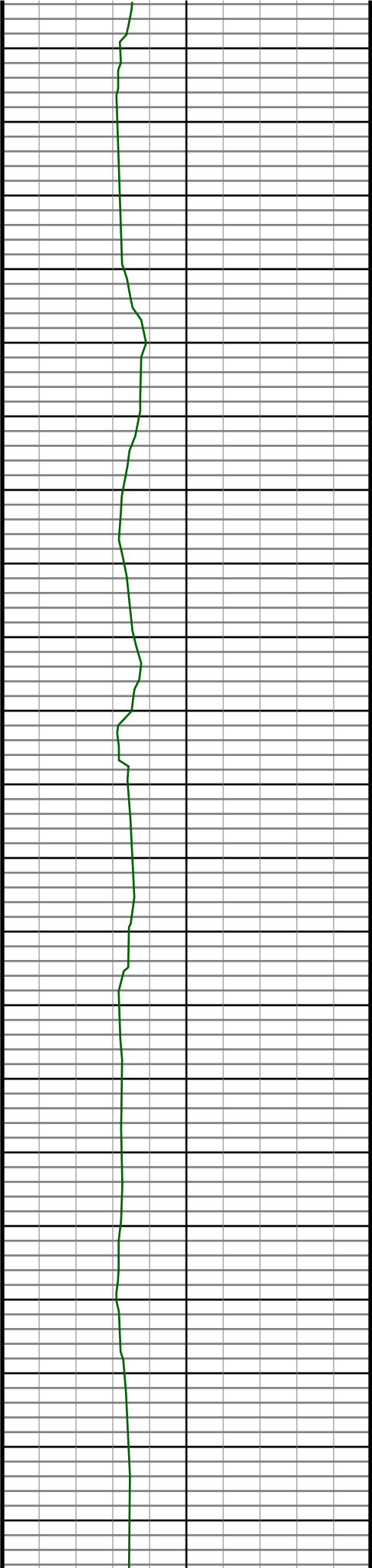


#13 MD(1392.00) Inc(4.1) Azm(112.9) TVD(1390.95) VS(-22.51) NS(-9.68) EW(22.67) TEMP(0.0)
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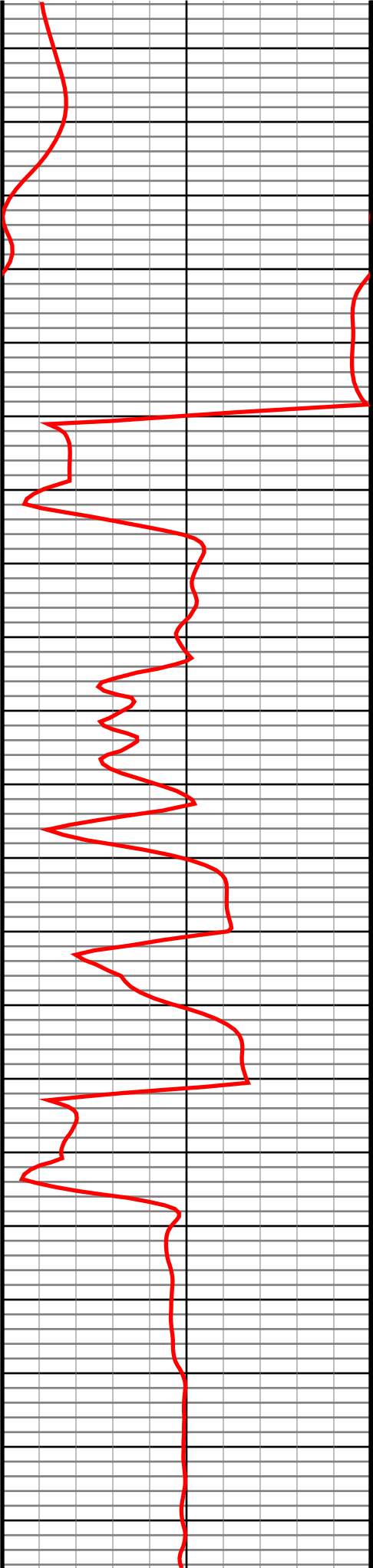


#14 MD(1484.00) Inc(3.3) Azm(109.0) TVD(1482.76)
VS(-28.01) NS(-11.82) EW(28.21) TEMP(0.0)

#15 MD(1576.00) Inc(3.9) Azm(102.0) TVD(1574.57)
VS(-33.54) NS(-13.33) EW(33.77) TEMP(0.0)



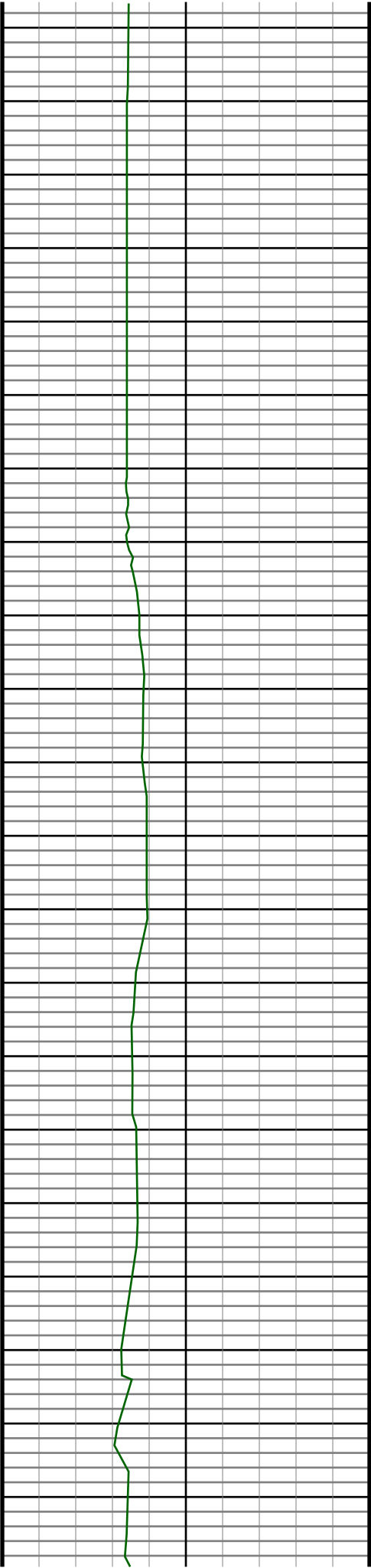
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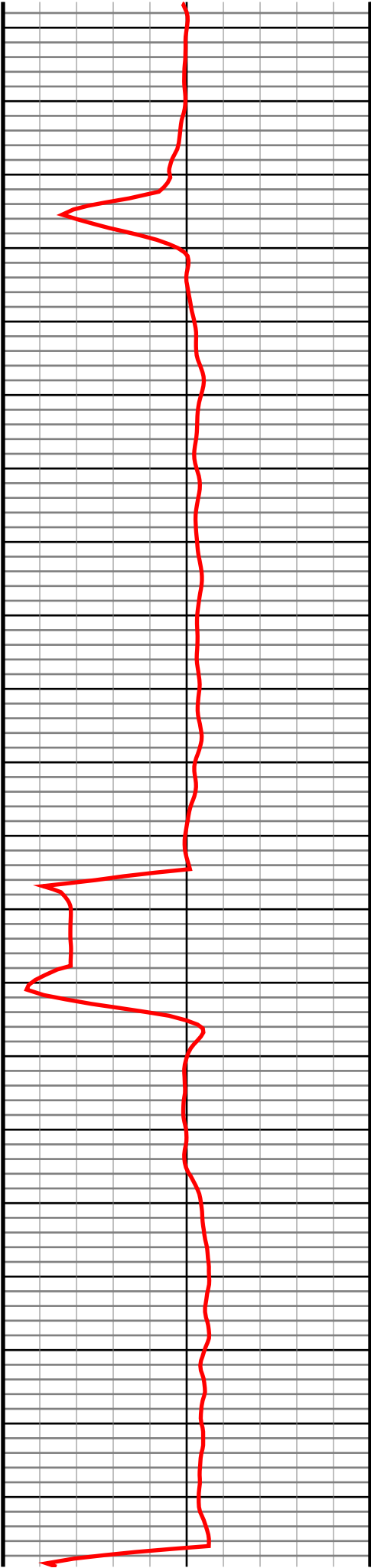
#16 MD(1668.00) Inc(3.2) Azm(92.7) TVD(1666.40)
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#17 MD(1761.00) Inc(4.3) Azm(96.7) TVD(1759.20)
VS(-45.20) NS(-14.63) EW(45.45) TEMP(0.0)

#18 MD(1852.00) Inc(4.8) Azm(101.1) TVD(1849.91)
VS(-52.31) NS(-15.76) EW(52.58) TEMP(0.0)

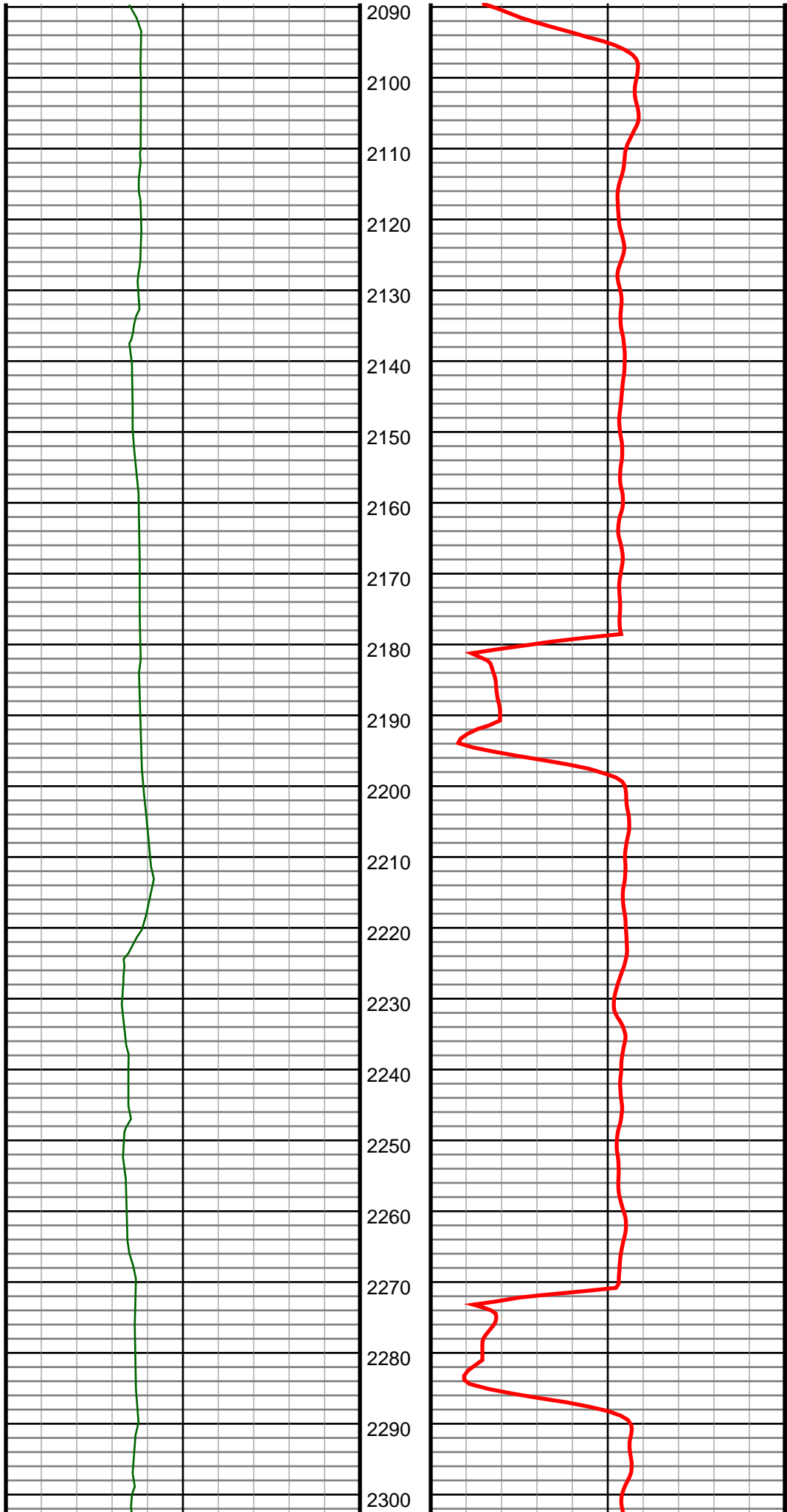


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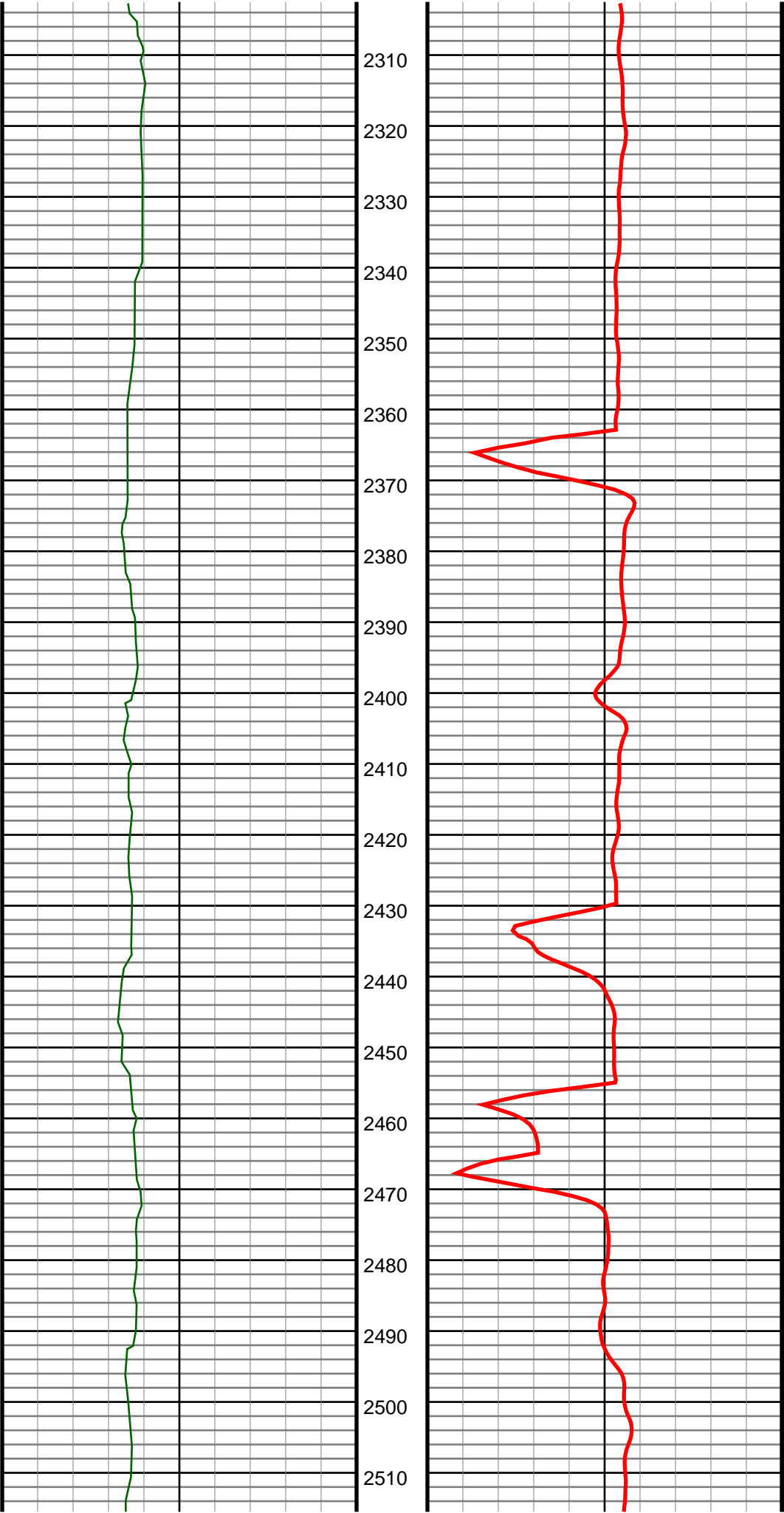
#19 MD(1944.00) Inc(4.0) Azm(99.0) TVD(1941.64)
VS(-59.23) NS(-17.01) EW(59.52) TEMP(0.0)

#20 MD(2036.00) Inc(5.0) Azm(101.3) TVD(2033.35)
VS(-66.31) NS(-18.30) EW(66.62) TEMP(0.0)



#21 MD(2128.00) Inc(4.7) Azm(93.5) TVD(2125.03)
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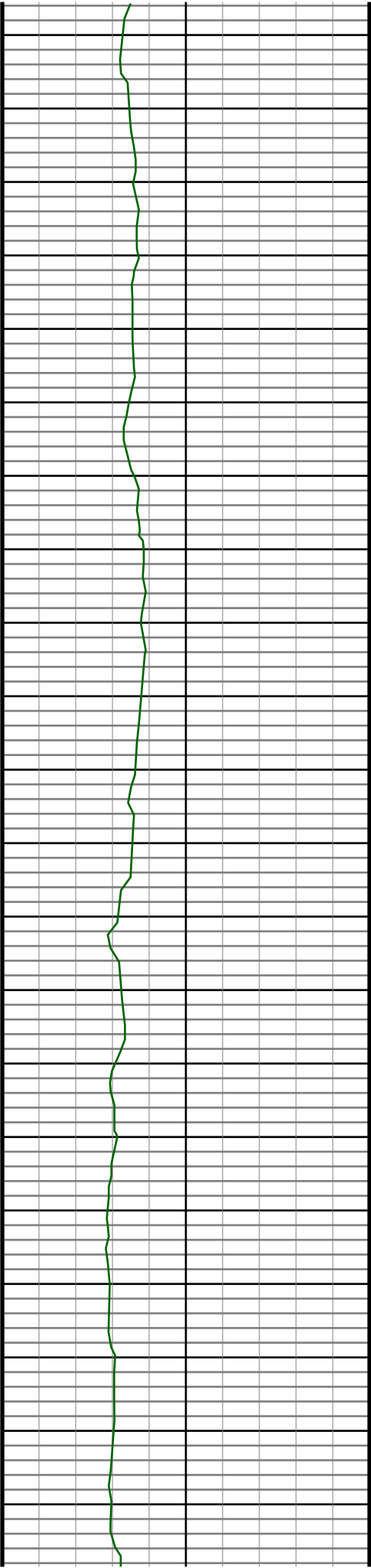
#22 MD(2221.00) Inc(5.5) Azm(102.1) TVD(2217.66)
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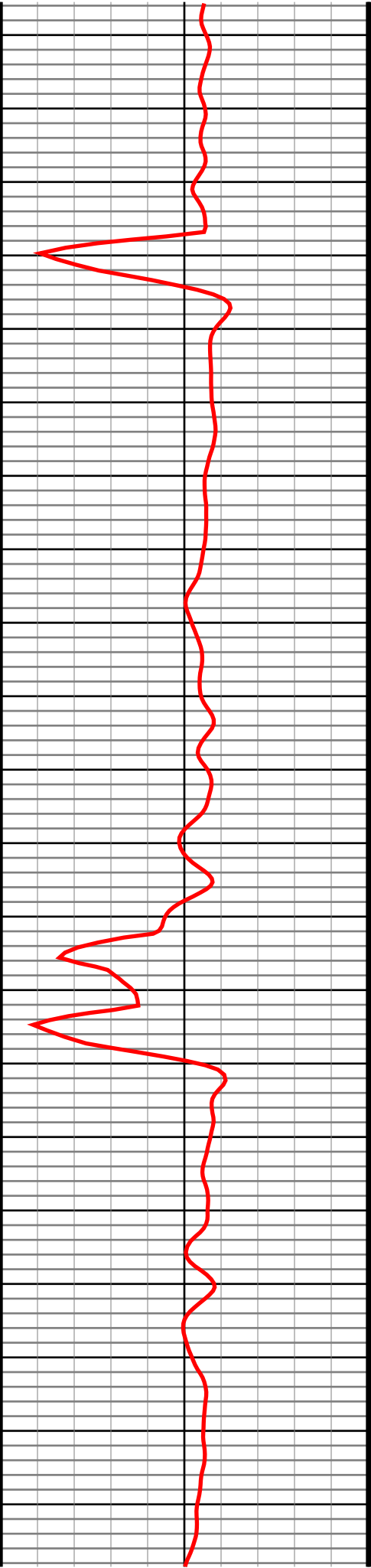
#23 MD(2313.00) Inc(5.4) Azm(108.3) TVD(2309.24)
VS(-90.51) NS(-22.76) EW(90.90) TEMP(0.0)

#24 MD(2405.00) Inc(5.3) Azm(97.9) TVD(2400.84)
VS(-98.79) NS(-24.70) EW(99.22) TEMP(0.0)

#25 MD(2497.00) Inc(5.3) Azm(107.8) TVD(2492.45)
VS(-107.02) NS(-26.59) EW(107.47) TEMP(0.0)

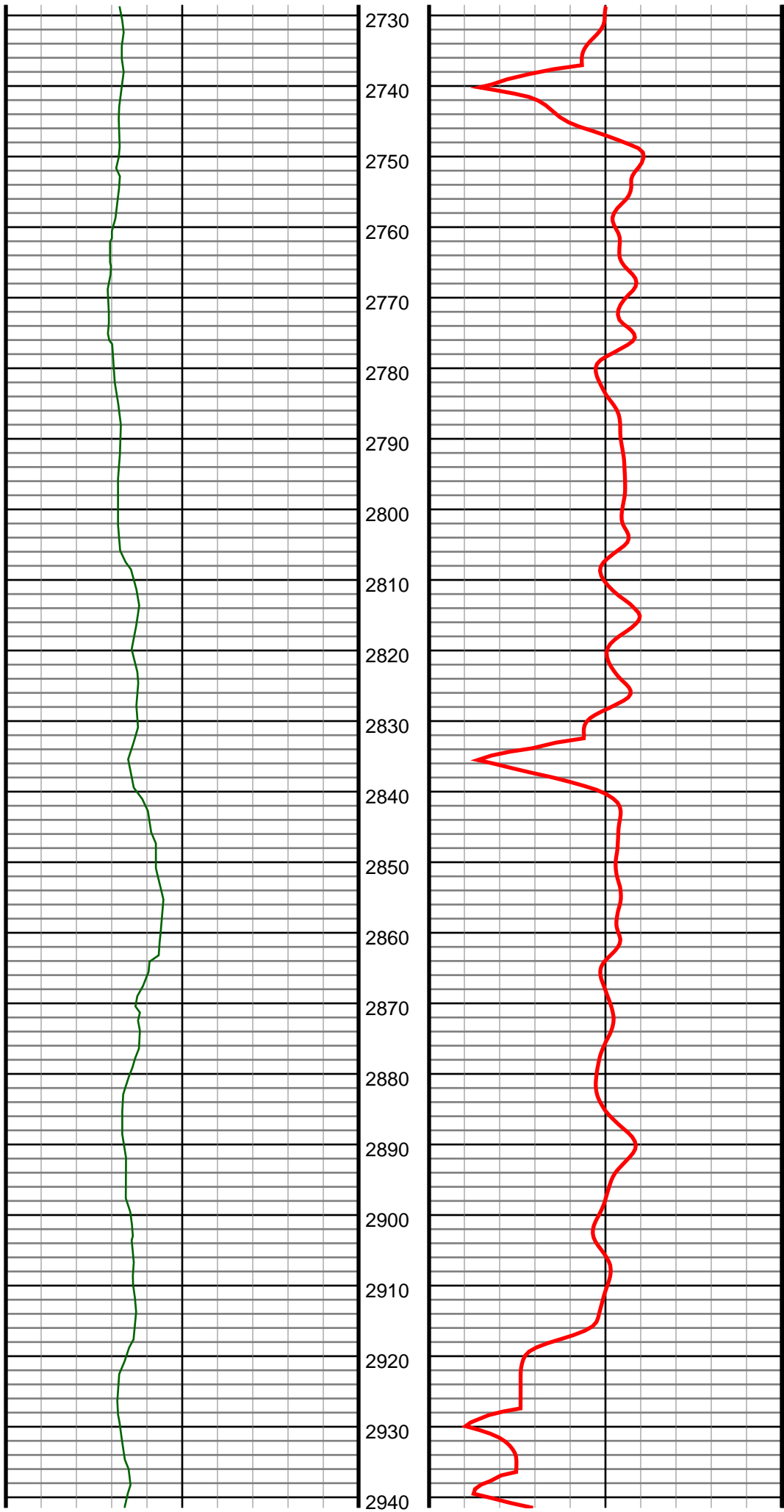


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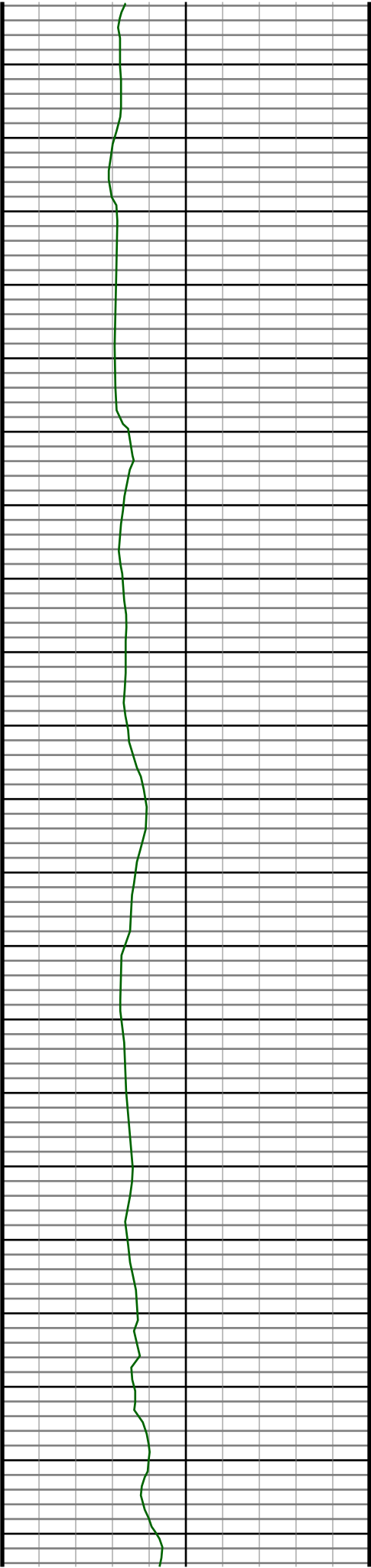
#26 MD(2592.00) Inc(5.0) Azm(98.6) TVD(2587.07)
VS(-115.25) NS(-28.55) EW(115.74) TEMP(0.0)

#27 MD(2687.00) Inc(5.1) Azm(107.4) TVD(2681.70)
VS(-123.34) NS(-30.43) EW(123.87) TEMP(0.0)

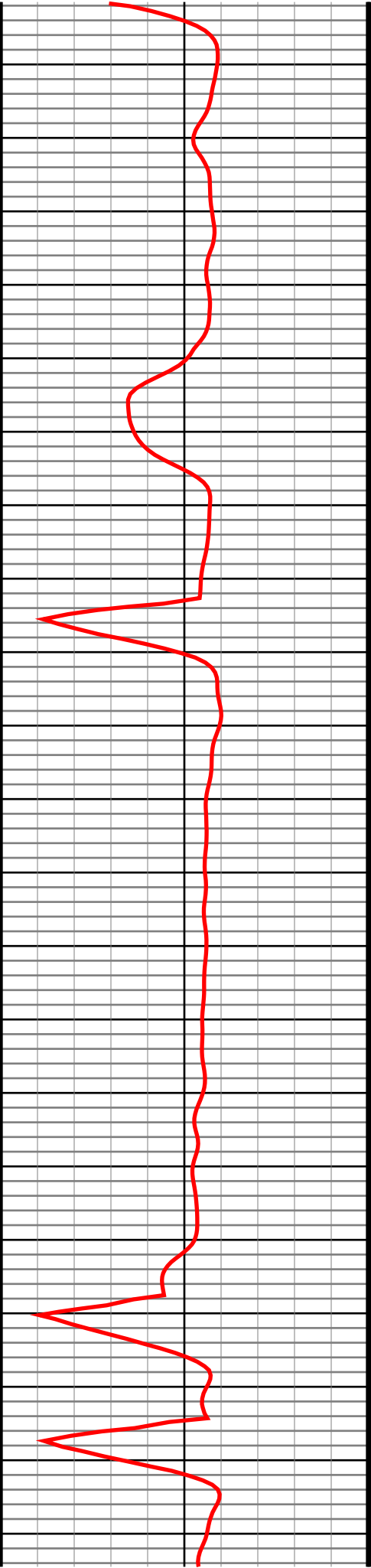


#28 MD(2783.00) Inc(5.3) Azm(106.0) TVD(2777.31)
VS(-131.64) NS(-32.93) EW(132.20) TEMP(0.0)

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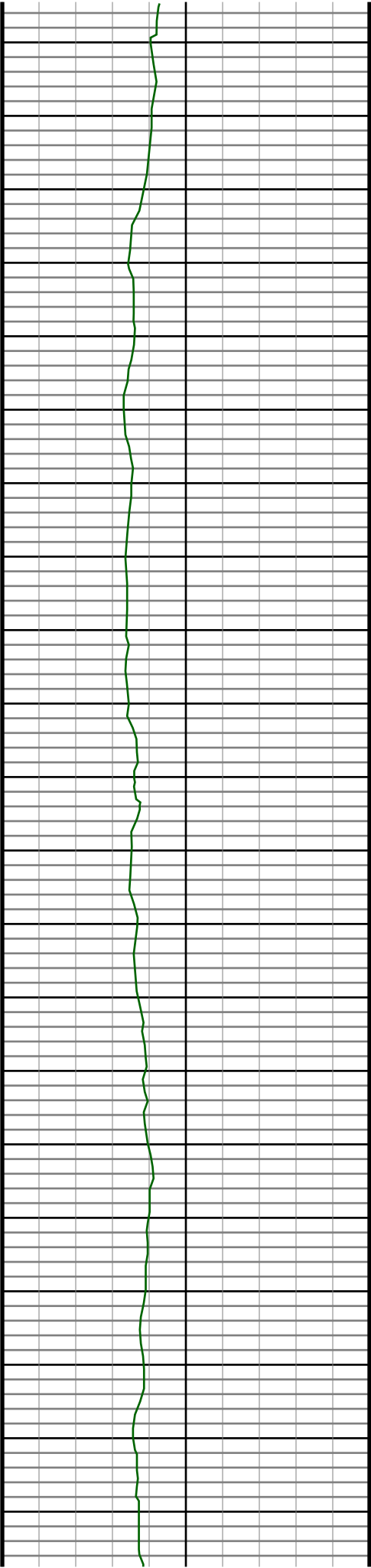


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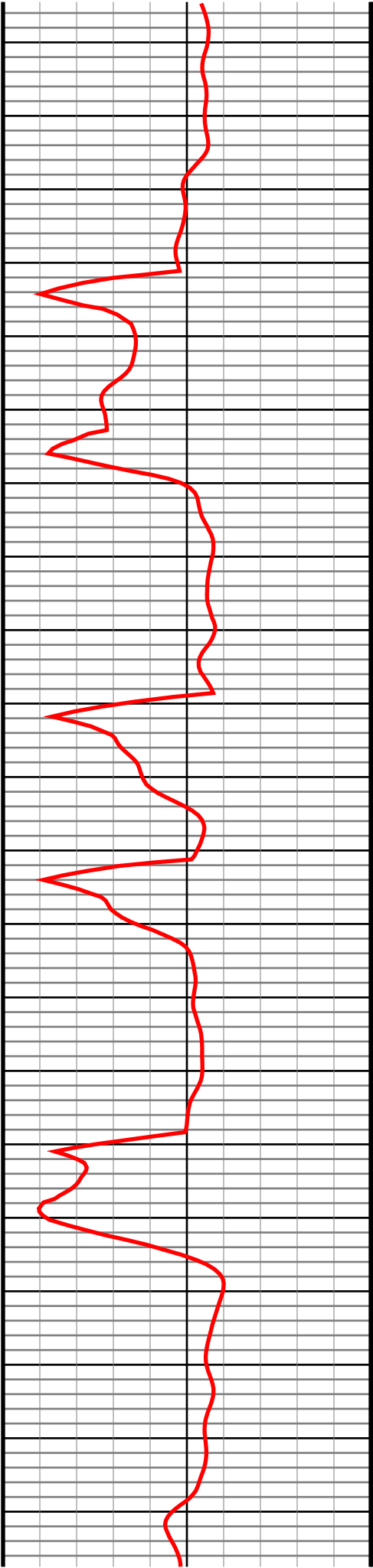


#30 MD(2973.00) Inc(5.4) Azm(109.7) TVD(2966.58)
VS(-147.59) NS(-37.30) EW(148.23) TEMP(0.0)

#31 MD(3068.00) Inc(4.7) Azm(106.2) TVD(3061.21)
VS(-155.50) NS(-39.90) EW(156.18) TEMP(0.0)



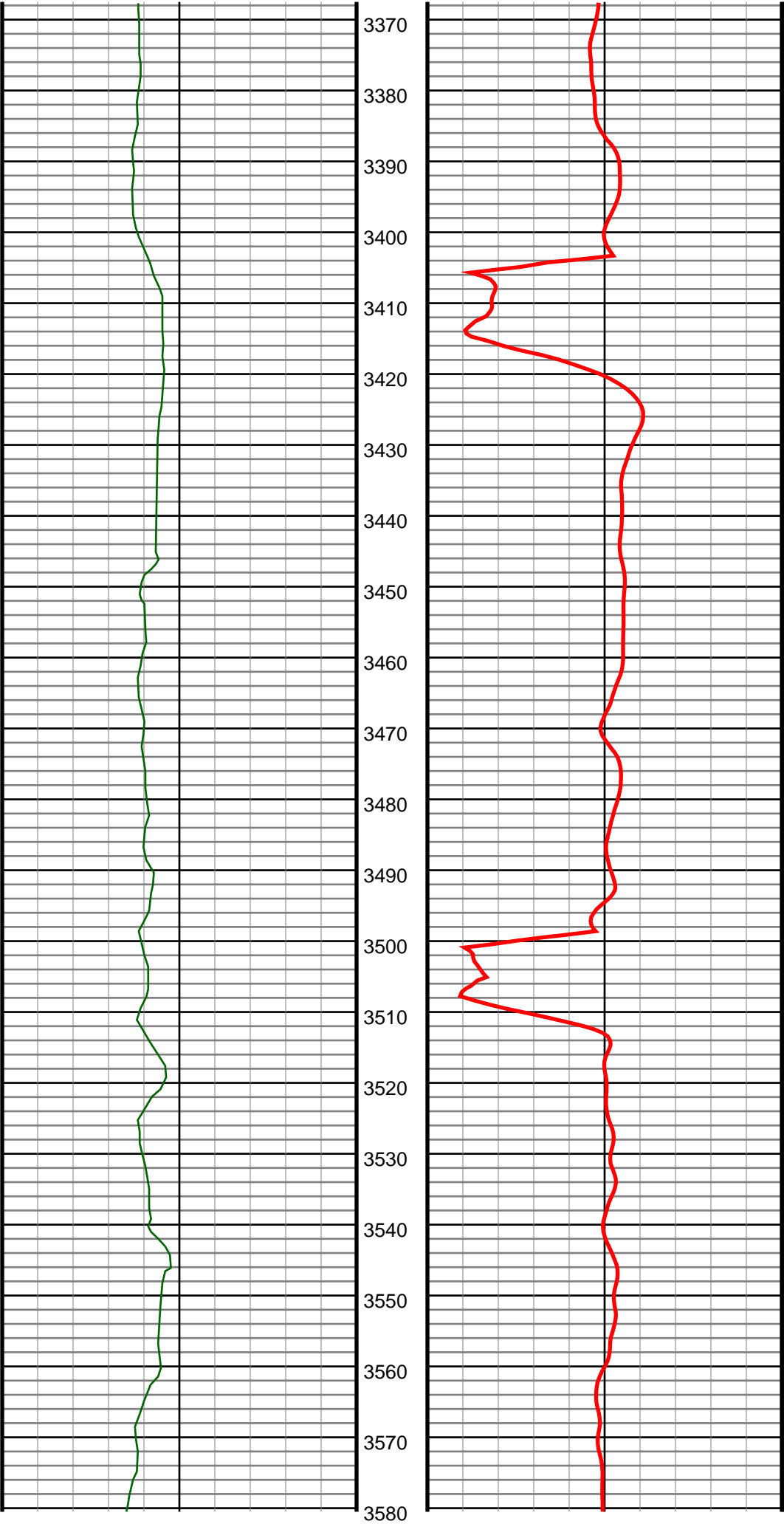
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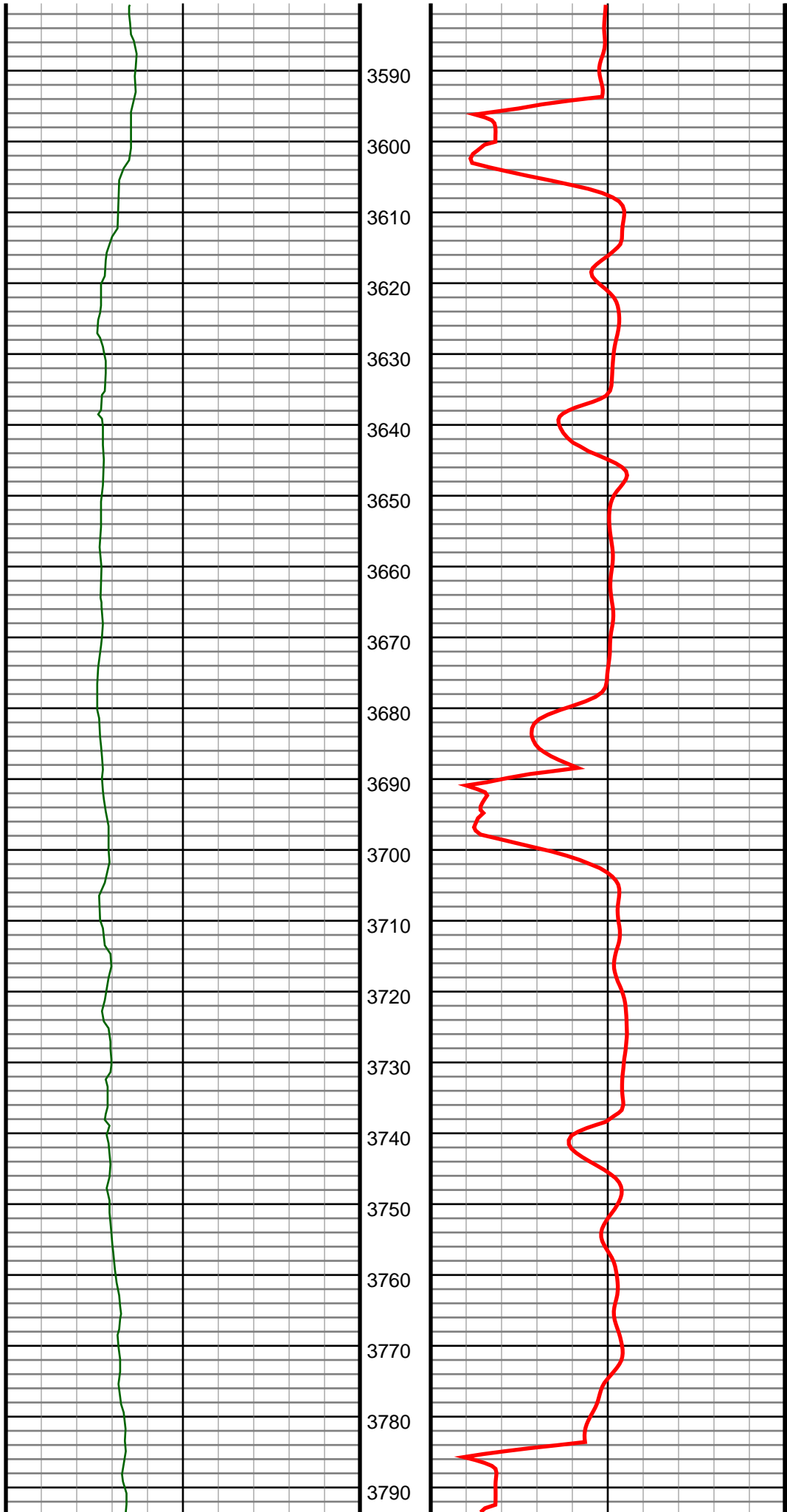
#33 MD(3259.00) Inc(3.6) Azm(107.9) TVD(3251.69)
VS(-168.87) NS(-44.02) EW(169.62) TEMP(0.0)

#34 MD(3354.00) Inc(3.2) Azm(105.1) TVD(3346.52)
VS(-174.24) NS(-45.63) EW(175.02) TEMP(0.0)



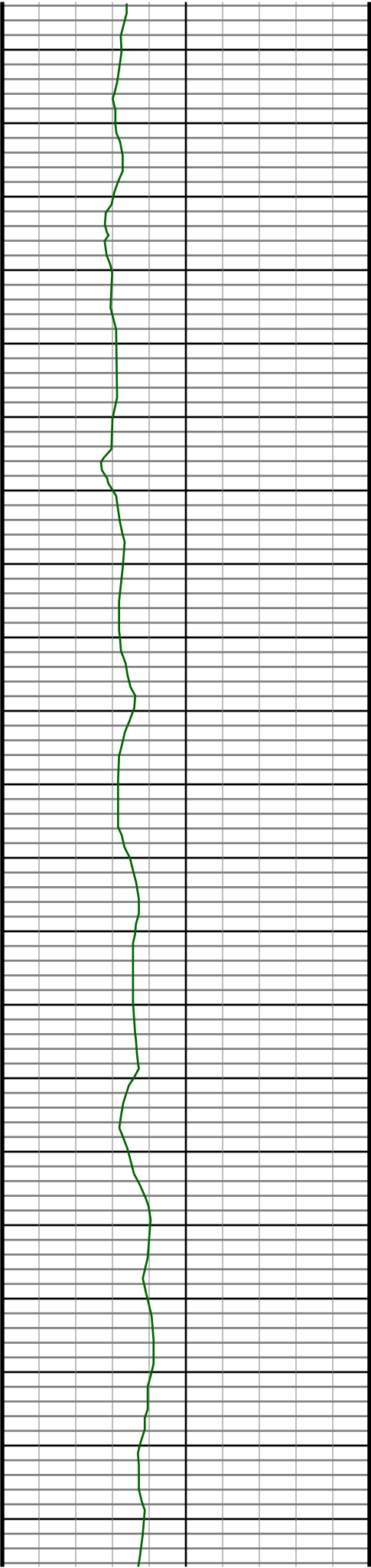
#35 MD(3449.00) Inc(3.8) Azm(107.1) TVD(3441.34)
VS(-179.78) NS(-47.25) EW(186.59) TEMP(0.0)

#36 MD(3544.00) Inc(4.0) Azm(123.1) TVD(3536.13)
VS(-185.52) NS(-49.98) EW(186.38) TEMP(0.0)

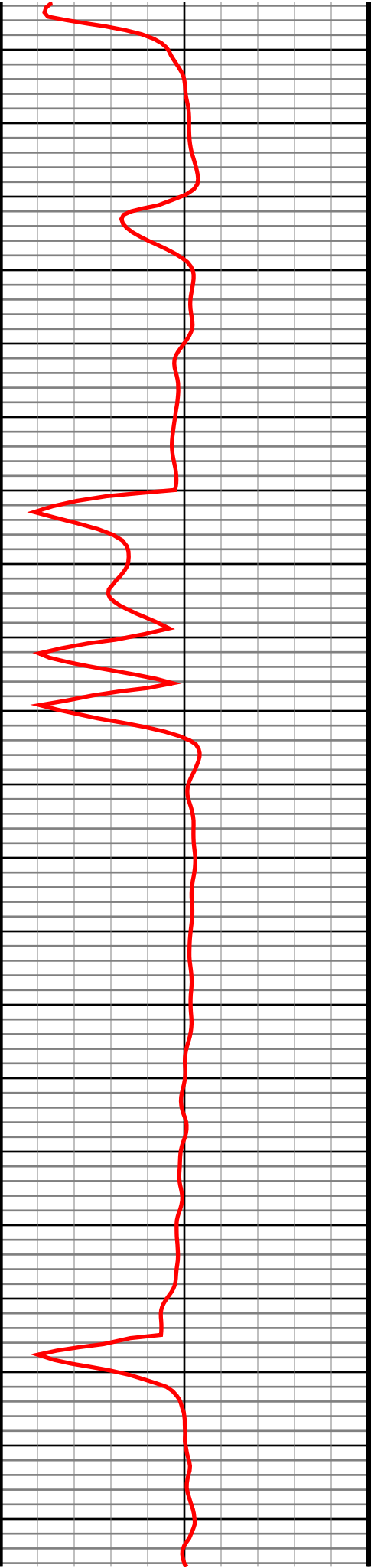


#37 MD(3639.00) Inc(4.6) Azm(115.7) TVD(3630.86)
VS(-191.67) NS(-53.45) EW(192.58) TEMP(0.0)

#38 MD(3734.00) Inc(4.7) Azm(113.4) TVD(3725.55)
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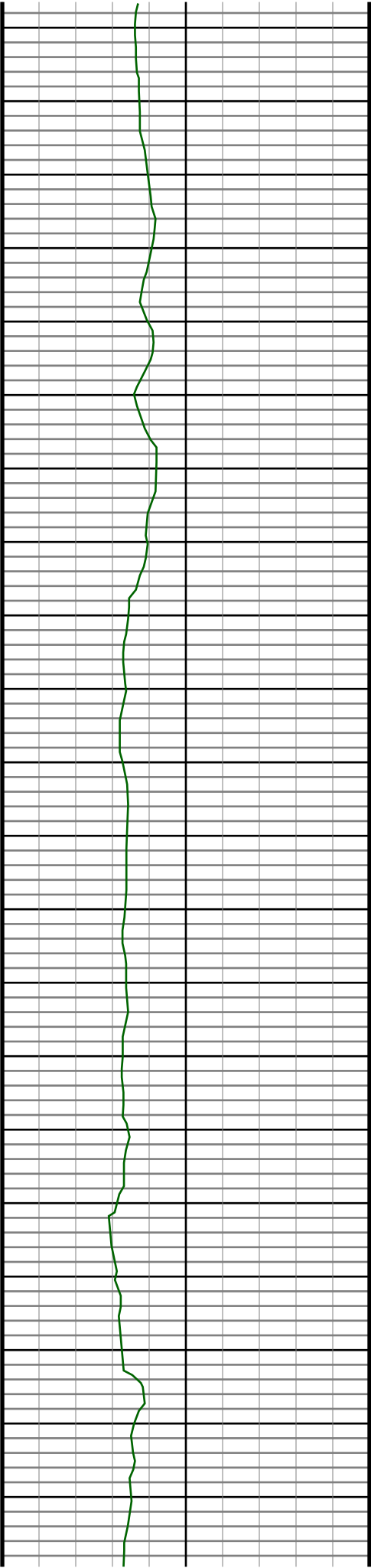


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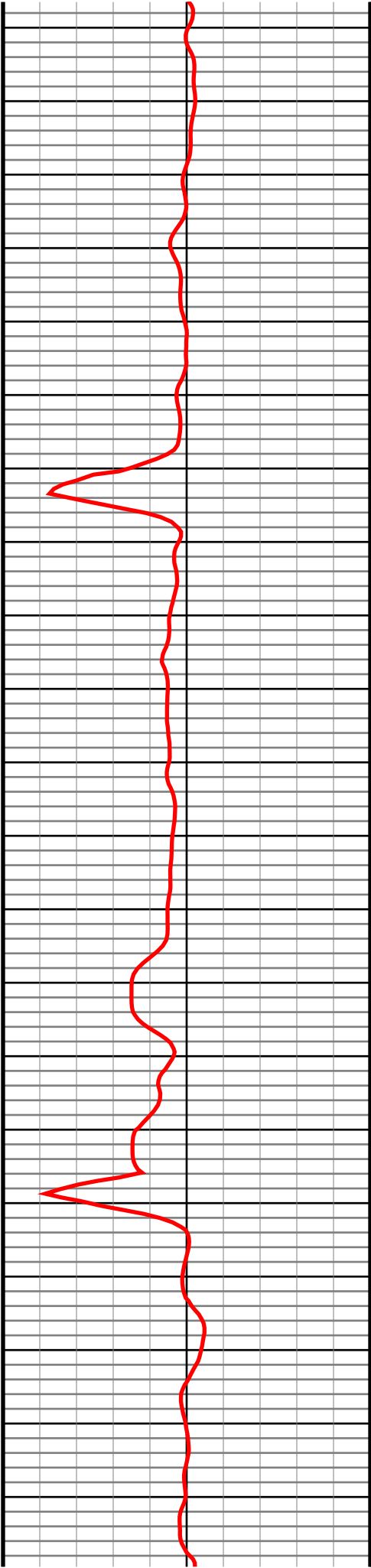


#39 MD(3829.00) Inc(5.3) Azm(100.7) TVD(3820.19)
VS(-206.47) NS(-59.00) EW(207.47) TEMP(0.0)

#40 MD(3925.00) Inc(5.3) Azm(100.7) TVD(3915.78)
VS(-215.15) NS(-60.65) EW(216.19) TEMP(0.0)



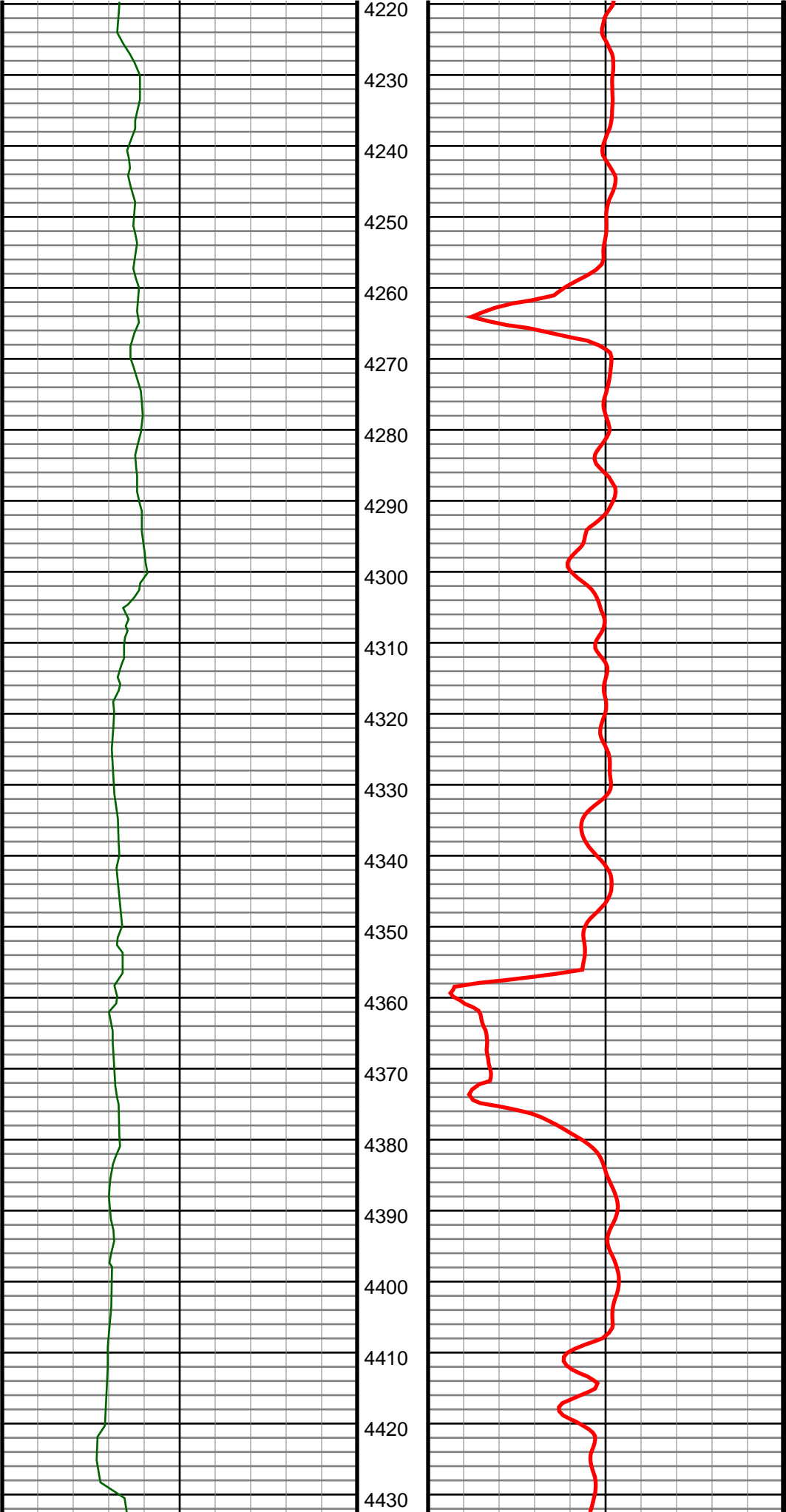
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#41 MD(4020.00) Inc(4.7) Azm(100.0) TVD(4010.41)
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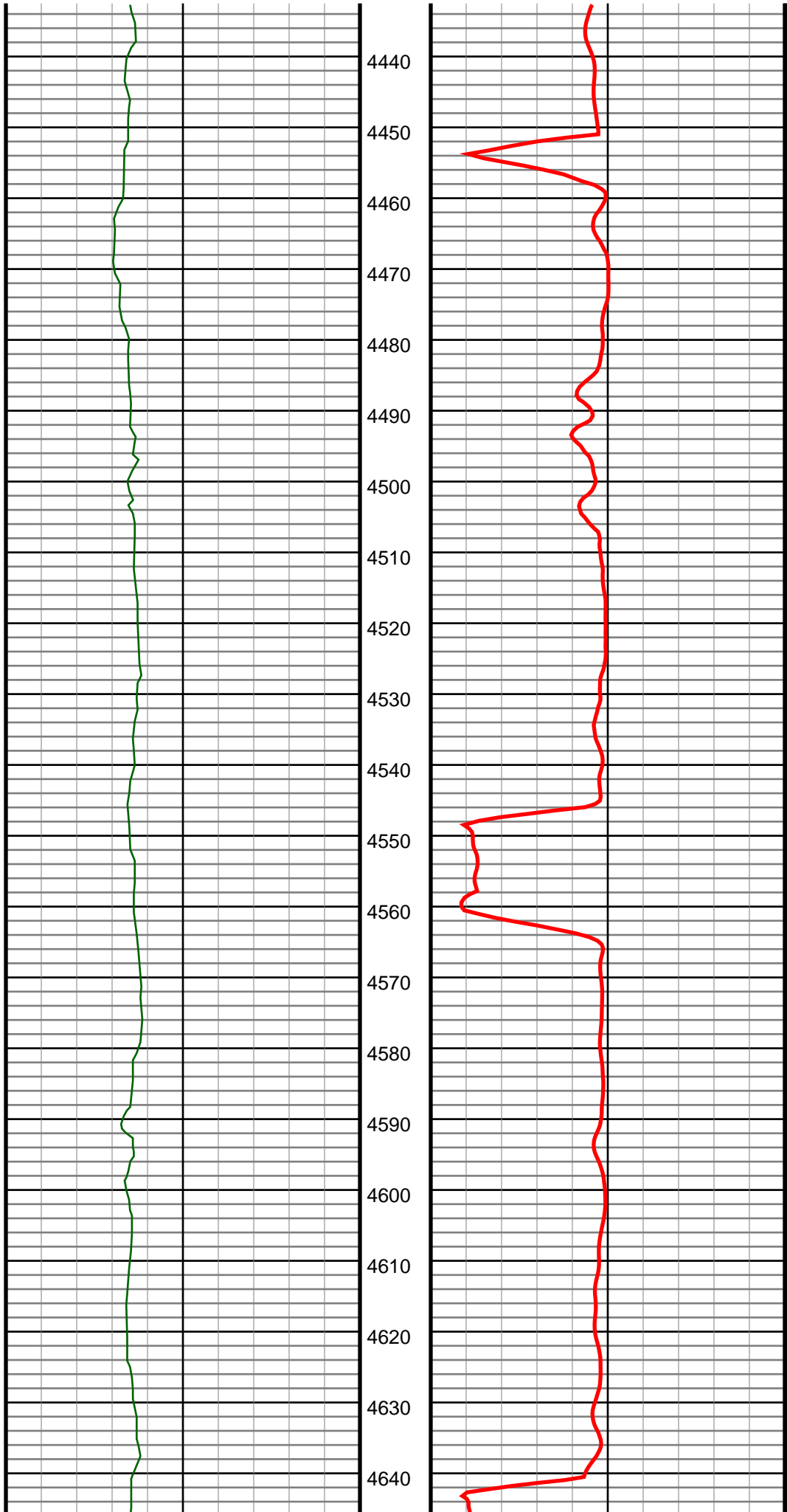
#42 MD(4115.00) Inc(4.1) Azm(99.3) TVD(4105.13)
VS(-230.43) NS(-63.37) EW(231.51) TEMP(0.0)

#43 MD(4210.00) Inc(4.0) Azm(96.3) TVD(4199.90)
VS(-237.06) NS(-64.28) EW(238.16) TEMP(0.0)



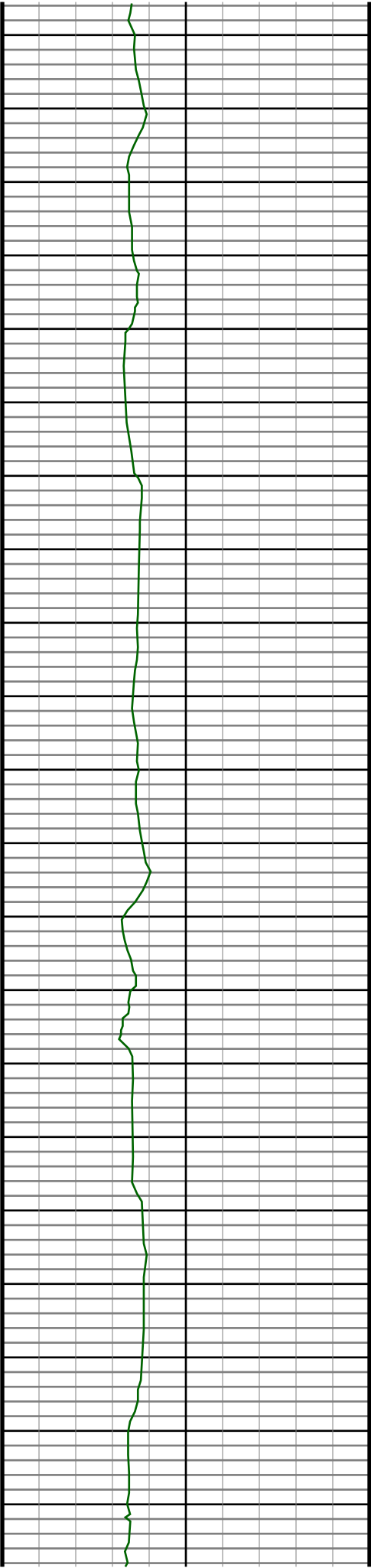
#44 MD(4305.00) Inc(4.0) Azm(92.0) TVD(4294.67)
VS(-243.66) NS(-64.76) EW(244.76) TEMP(0.0)

#45 MD(4401.00) Inc(4.1) Azm(106.0) TVD(4390.43)
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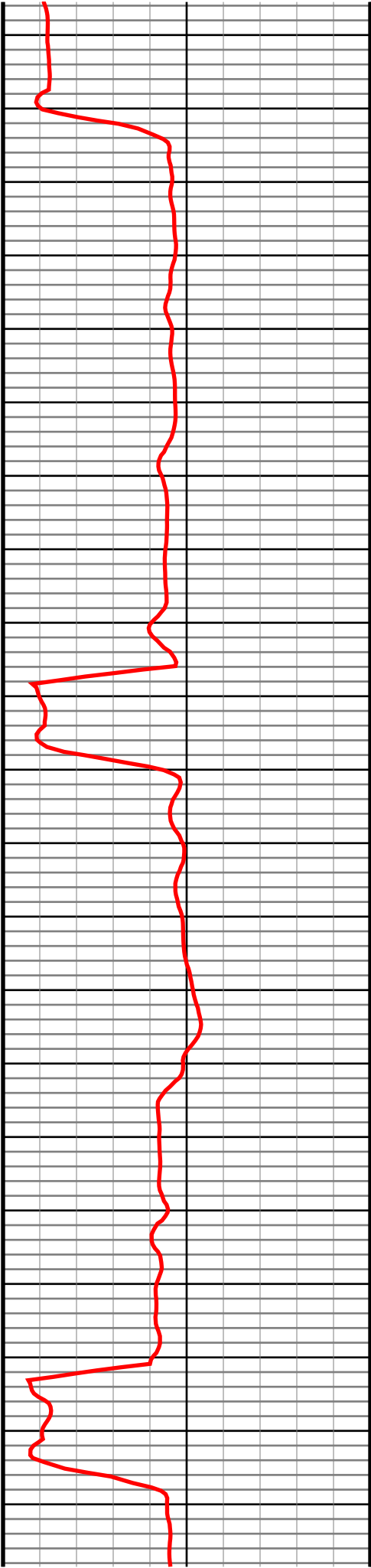


#46 MD(4496.00) Inc(4.0) Azm(102.7) TVD(4485.19)
VS(-256.75) NS(-67.48) EW(257.91) TEMP(0.0)

#47 MD(4591.00) Inc(3.2) Azm(115.7) TVD(4580.00)
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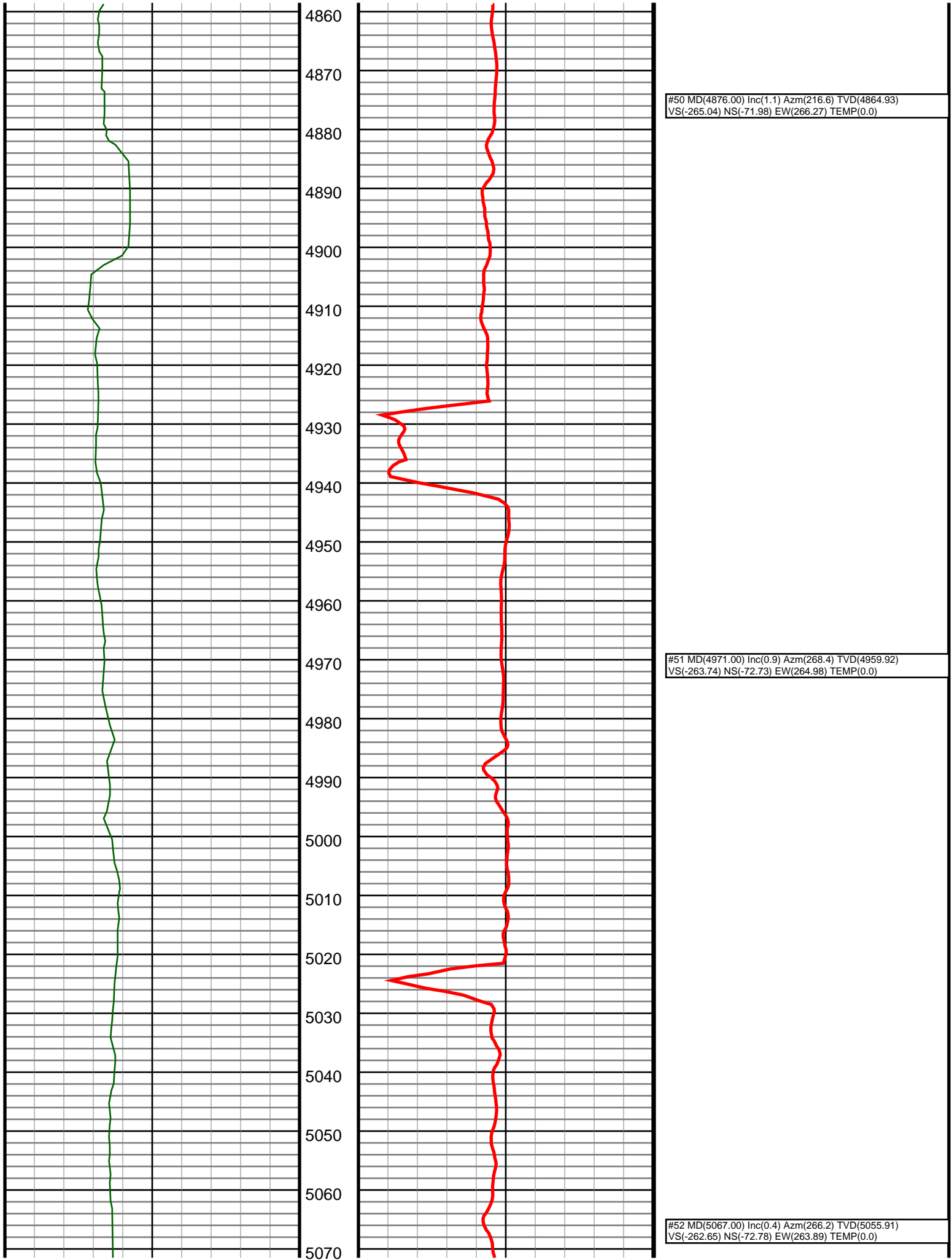


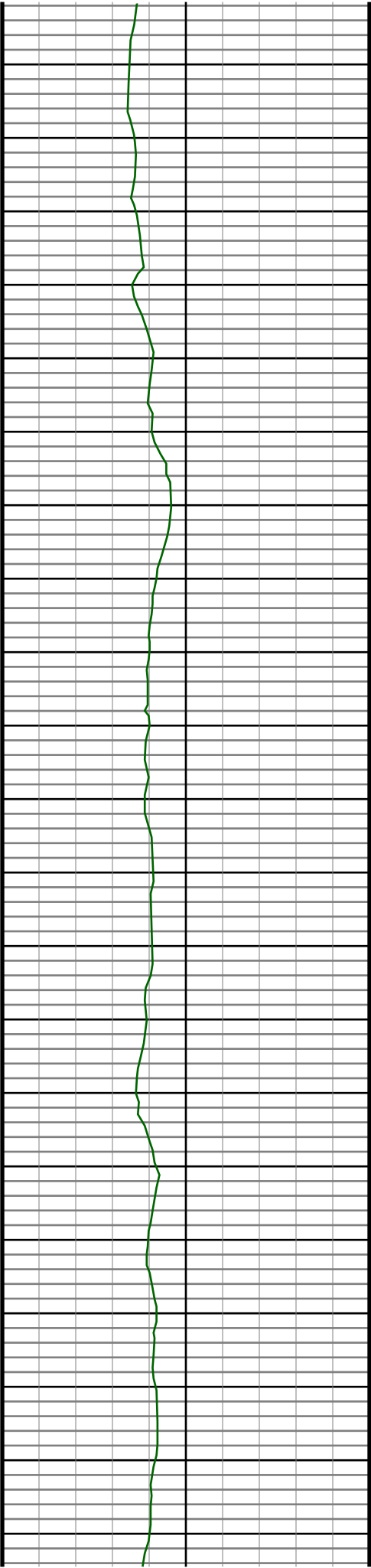
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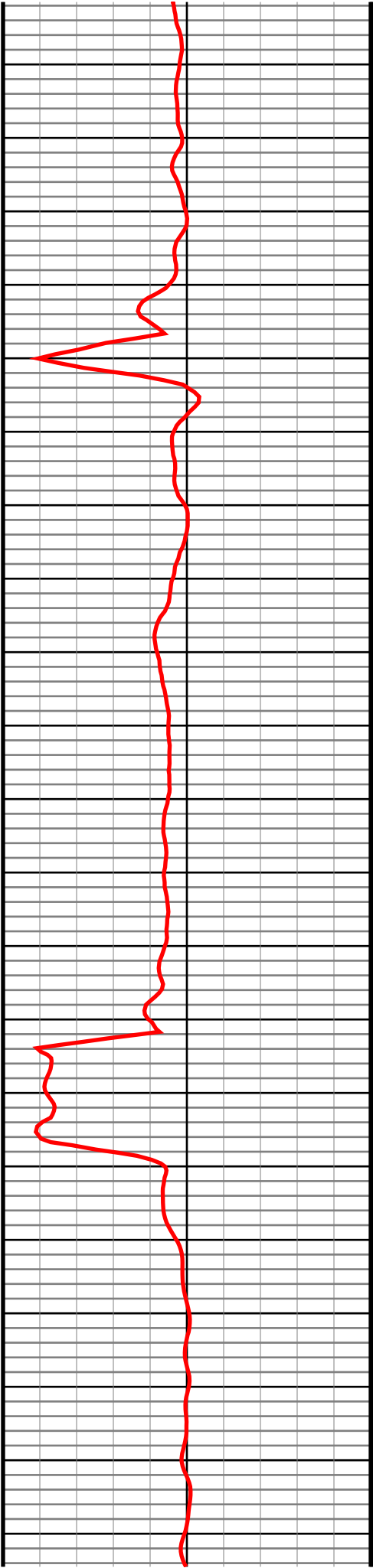
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VS(-265.15) NS(-70.88) EW(266.37) TEMP(0.0)

#49 MD(4781.00) Inc(0.0) Azm(189.3) TVD(4769.94)
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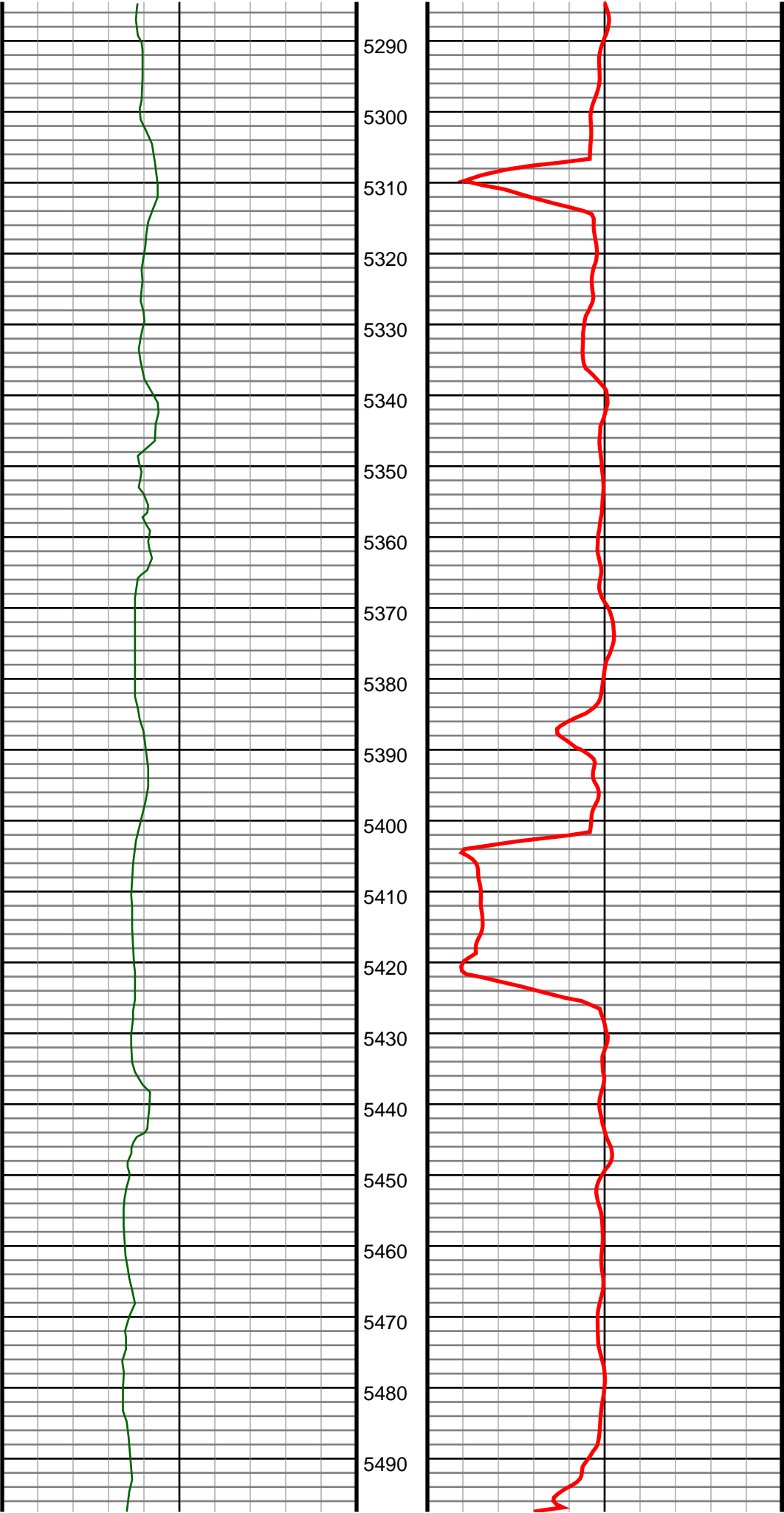


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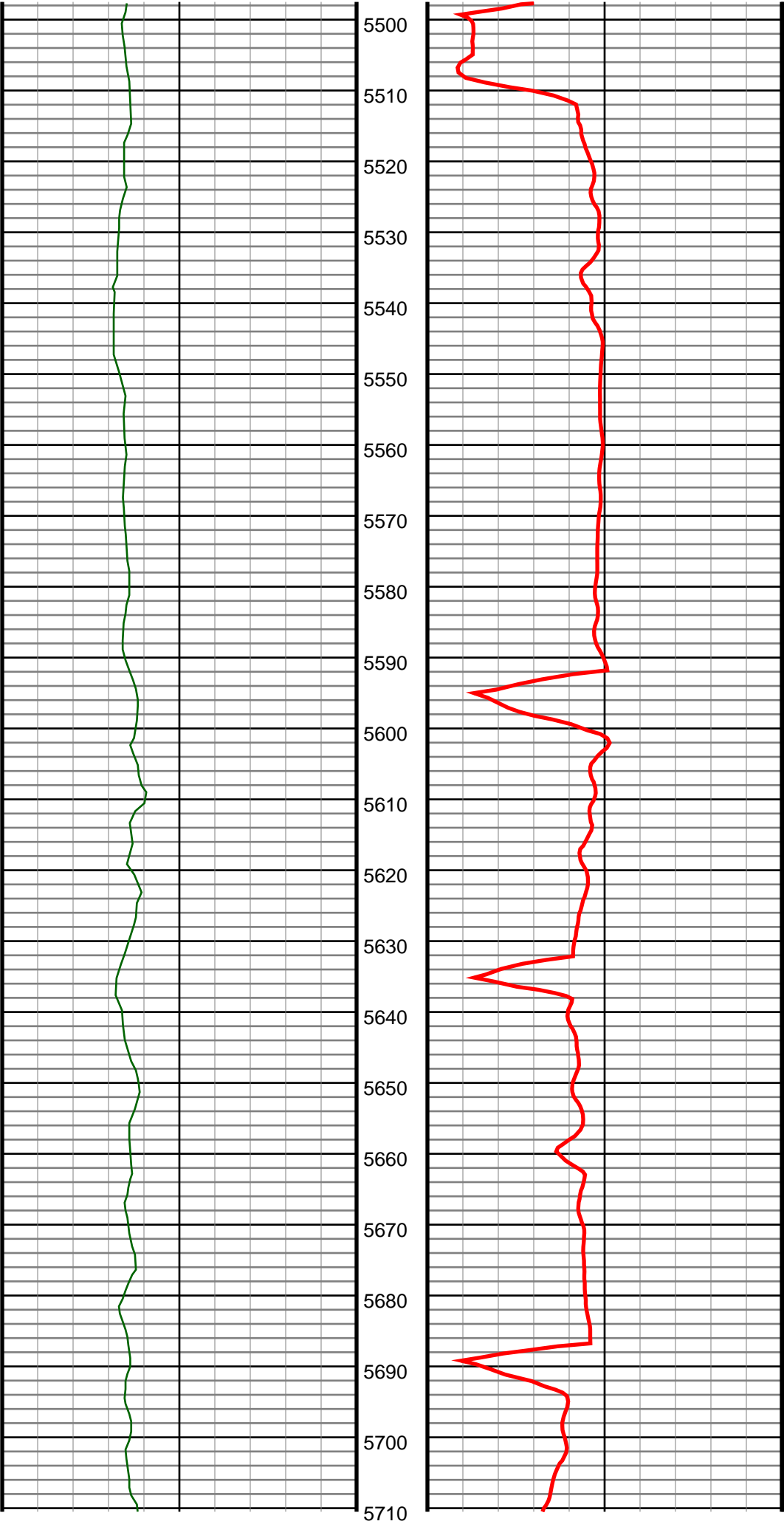
#53 MD(5162.00) Inc(0.6) Azm(174.4) TVD(5150.91)
VS(-262.36) NS(-73.29) EW(263.61) TEMP(0.0)

#54 MD(5257.00) Inc(1.5) Azm(234.9) TVD(5245.90)
VS(-261.37) NS(-74.50) EW(262.64) TEMP(0.0)



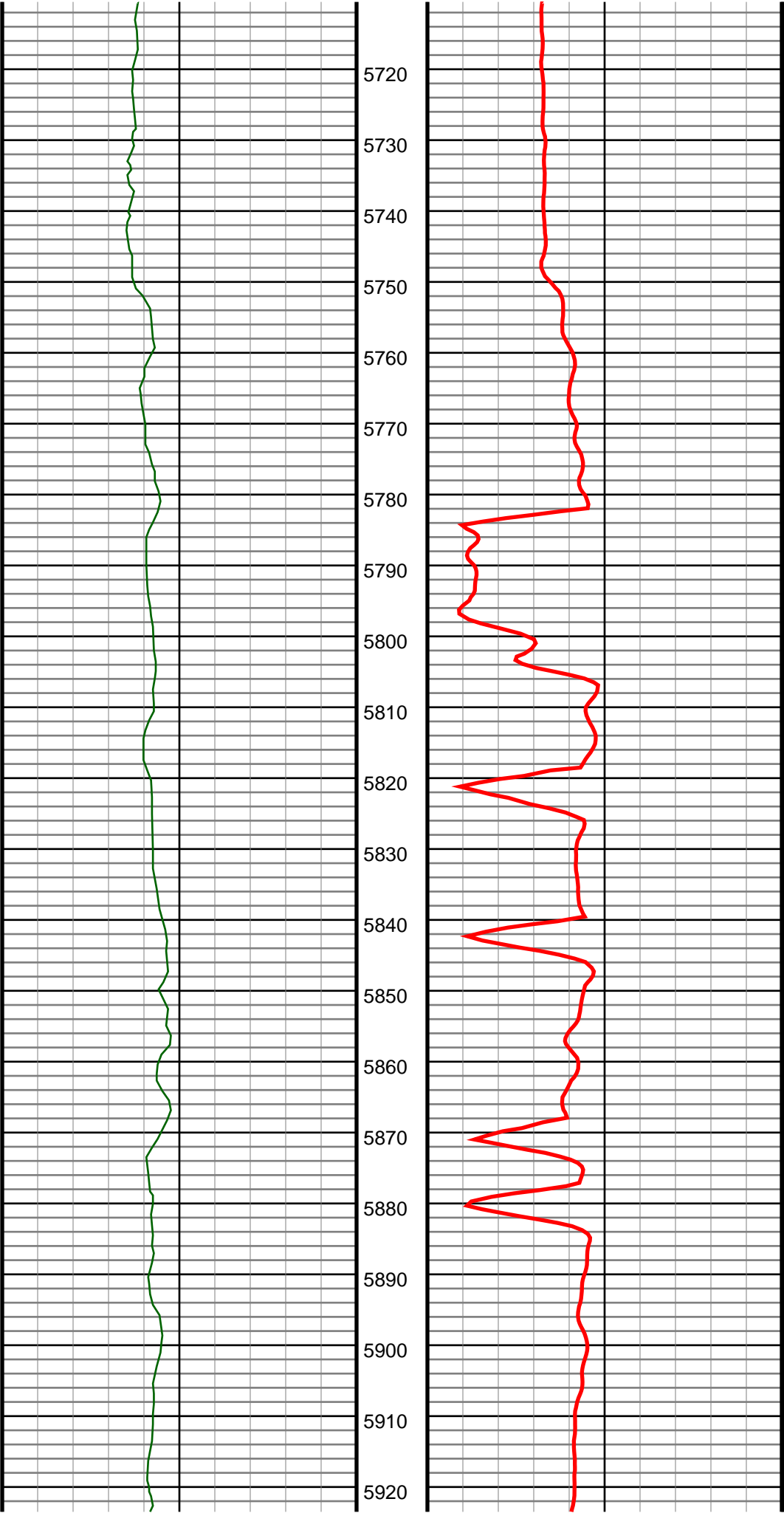
#55 MD(5352.00) Inc(1.8) Azm(207.4) TVD(5340.86)
VS(-259.63) NS(-76.54) EW(260.94) TEMP(0.0)

#56 MD(5447.00) Inc(1.0) Azm(312.2) TVD(5435.84)
VS(-258.32) NS(-77.31) EW(259.64) TEMP(0.0)



#57 MD(5542.00) Inc(0.8) Azm(47.0) TVD(5530.83)
VS(-258.21) NS(-76.30) EW(259.51) TEMP(0.0)

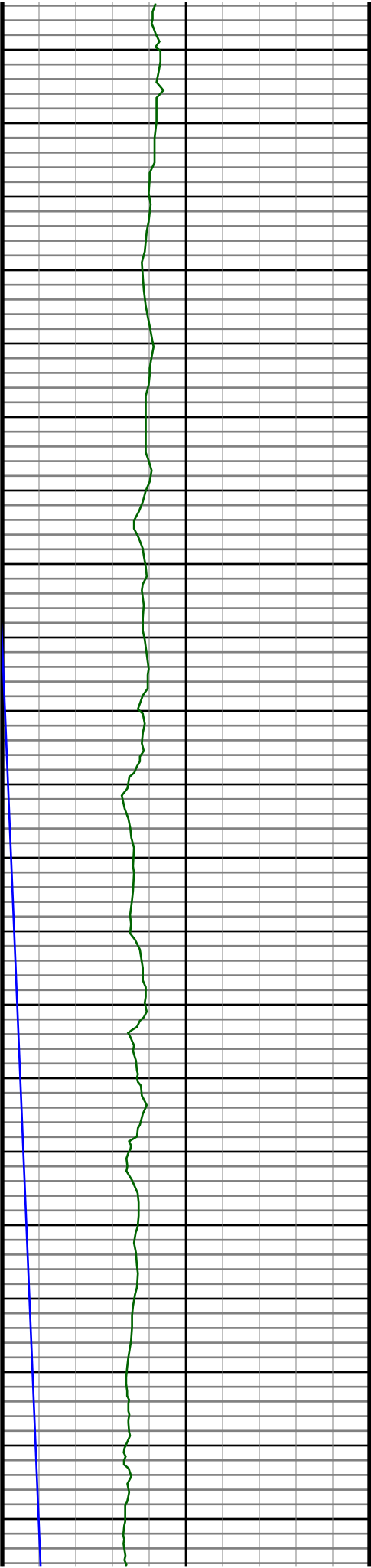
#58 MD(5637.00) Inc(0.3) Azm(73.0) TVD(5625.83)
VS(-258.94) NS(-75.78) EW(260.23) TEMP(0.0)



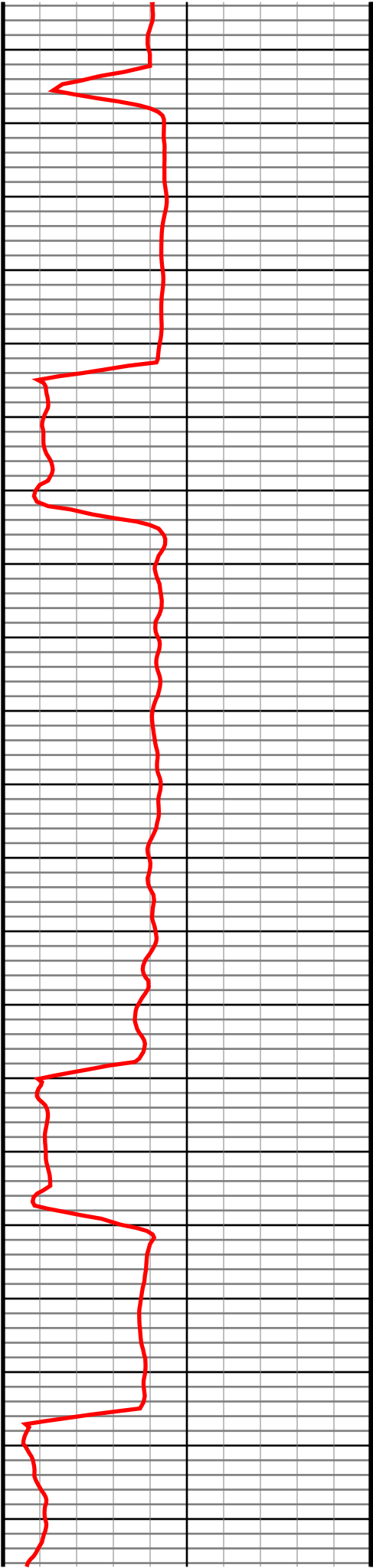
#59 MD(5732.00) Inc(0.8) Azm(118.8) TVD(5720.82)
VS(-259.75) NS(-76.02) EW(261.05) TEMP(0.0)

#60 MD(5827.00) Inc(0.5) Azm(273.2) TVD(5815.82)
VS(-259.92) NS(-76.32) EW(261.22) TEMP(0.0)

#61 MD(5923.00) Inc(1.1) Azm(172.6) TVD(5911.82)
VS(-259.60) NS(-77.21) EW(260.92) TEMP(0.0)

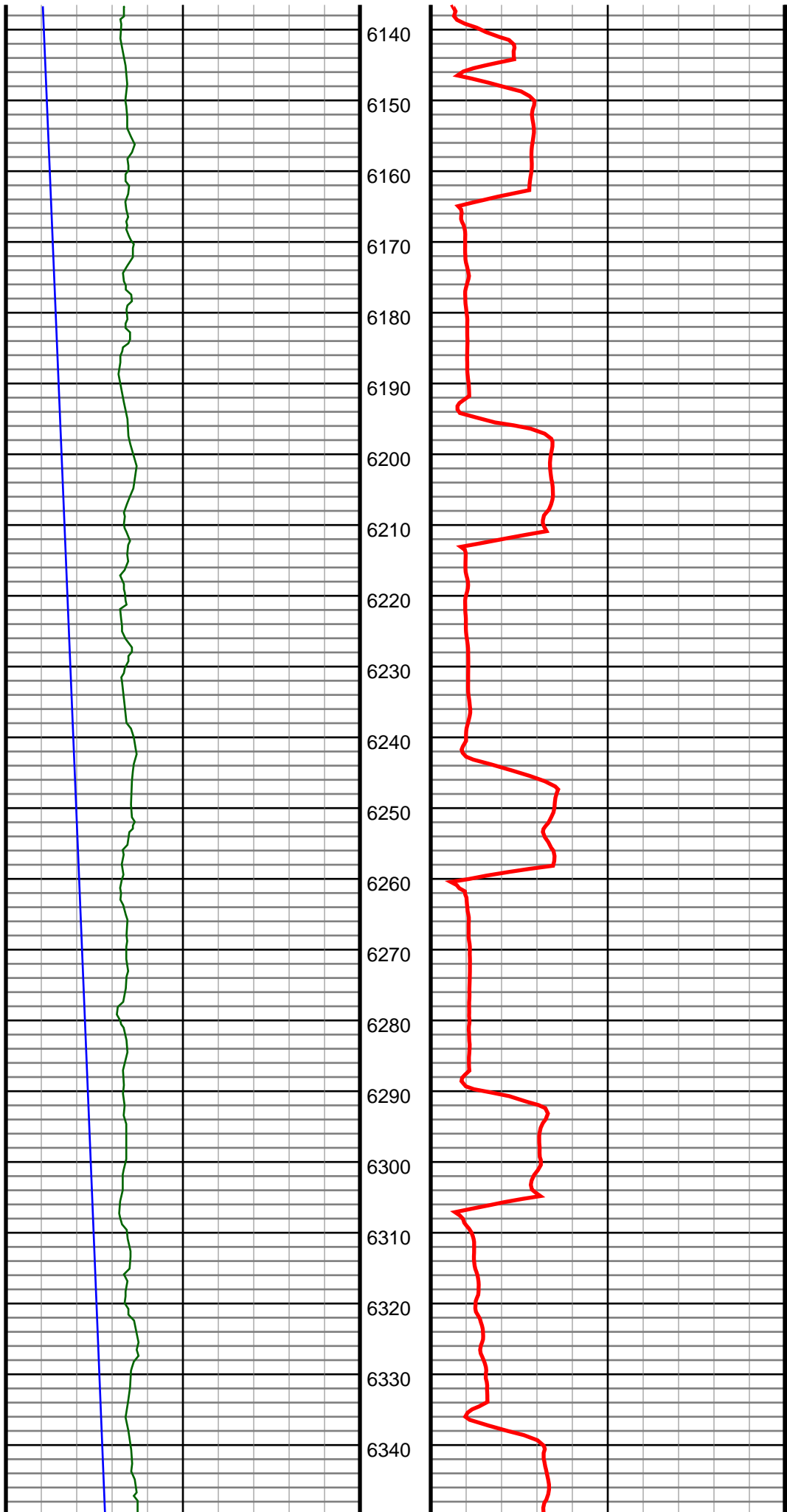


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#62 MD(6017.00) Inc(1.2) Azm(186.2) TVD(6005.80)
VS(-259.58) NS(-79.08) EW(260.93) TEMP(0.0)

#63 MD(6113.00) Inc(2.3) Azm(132.9) TVD(6101.76)
VS(-260.85) NS(-81.40) EW(262.23) TEMP(0.0)

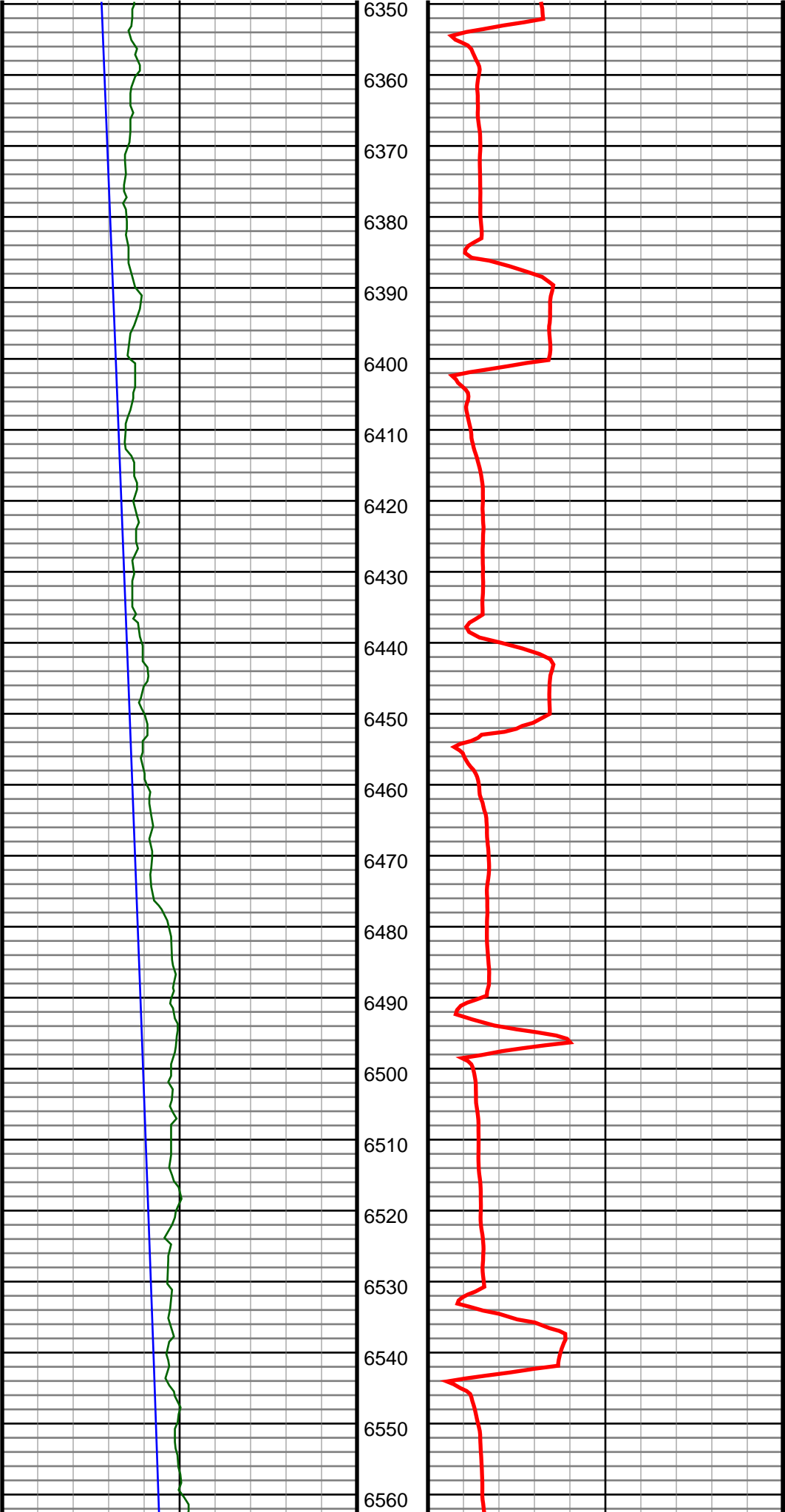


#64 MD(6161.00) Inc(2.2) Azm(200.1) TVD(6149.73)
VS(-261.21) NS(-82.92) EW(262.62) TEMP(0.0)

#65 MD(6208.00) Inc(5.1) Azm(257.7) TVD(6196.64)
VS(-258.84) NS(-84.21) EW(260.27) TEMP(0.0)

#66 MD(6256.00) Inc(8.7) Azm(273.5) TVD(6244.29)
VS(-253.12) NS(-84.44) EW(254.56) TEMP(0.0)

#67 MD(6303.00) Inc(11.9) Azm(278.6) TVD(6290.52)
VS(-244.80) NS(-83.50) EW(246.22) TEMP(0.0)



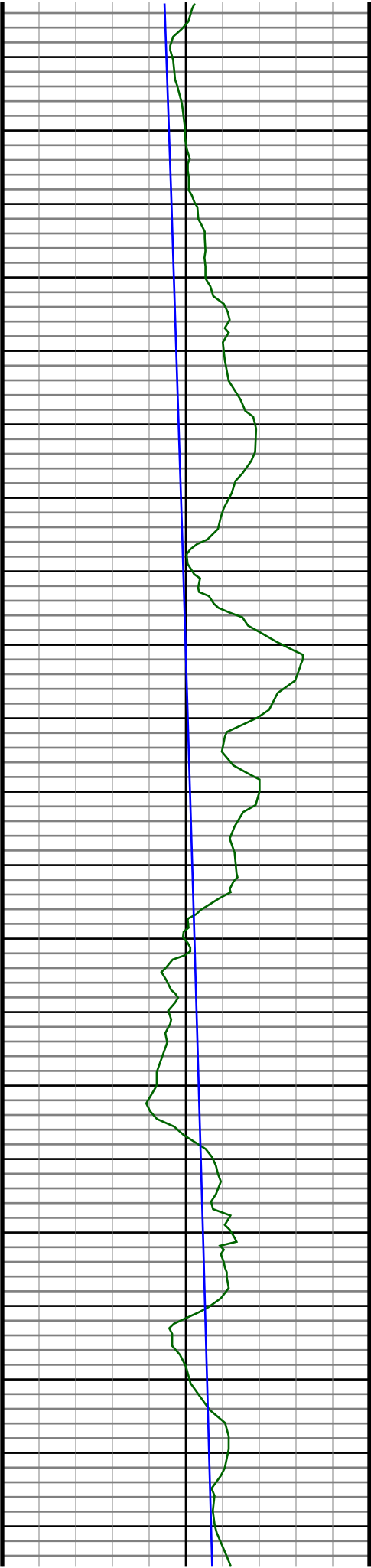
#68 MD(6351.00) Inc(15.2) Azm(277.0) TVD(6337.18)
VS(-233.68) NS(-81.99) EW(235.07) TEMP(0.0)

#69 MD(6398.00) Inc(18.4) Azm(273.0) TVD(6382.17)
VS(-220.18) NS(-80.85) EW(221.55) TEMP(0.0)

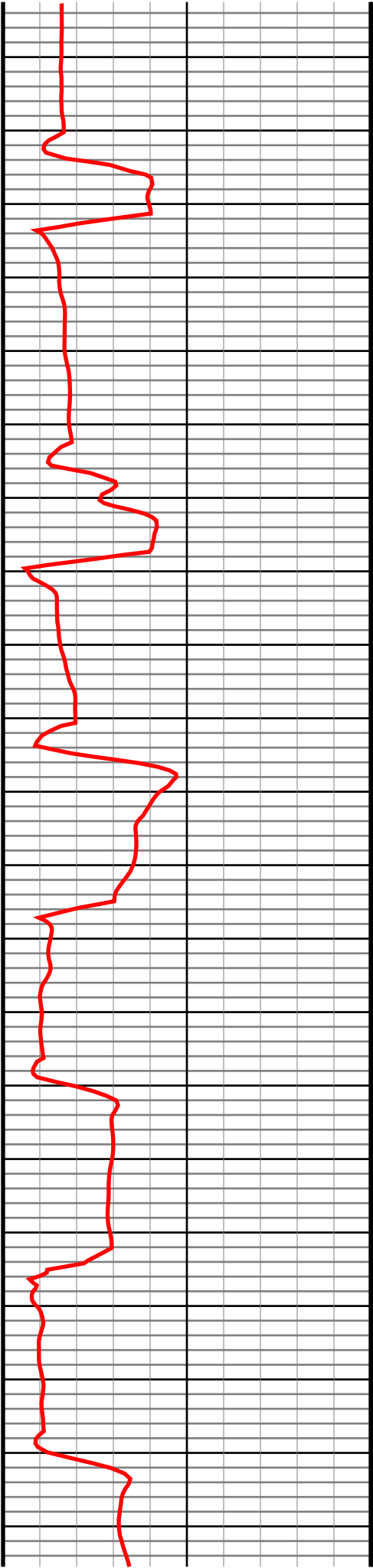
#70 MD(6446.00) Inc(21.9) Azm(270.5) TVD(6427.23)
VS(-203.66) NS(-80.38) EW(205.02) TEMP(0.0)

#71 MD(6493.00) Inc(25.9) Azm(270.2) TVD(6470.19)
VS(-184.63) NS(-80.27) EW(185.99) TEMP(0.0)

#72 MD(6541.00) Inc(31.0) Azm(272.1) TVD(6512.38)
VS(-161.79) NS(-79.78) EW(163.14) TEMP(0.0)



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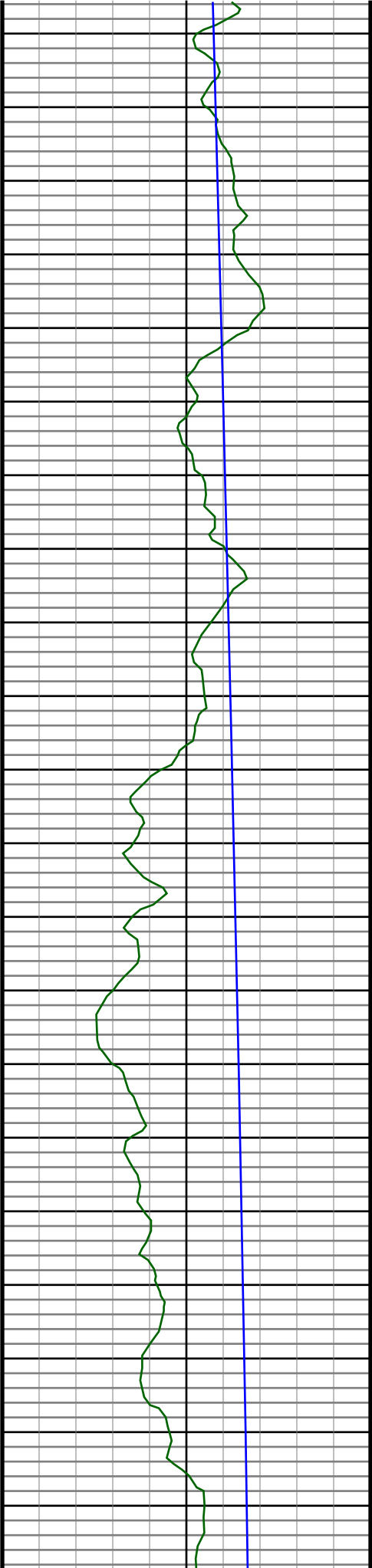


#73 MD(6588.00) Inc(36.6) Azm(274.2) TVD(6551.42)
VS(-135.73) NS(-78.31) EW(137.05) TEMP(0.0)

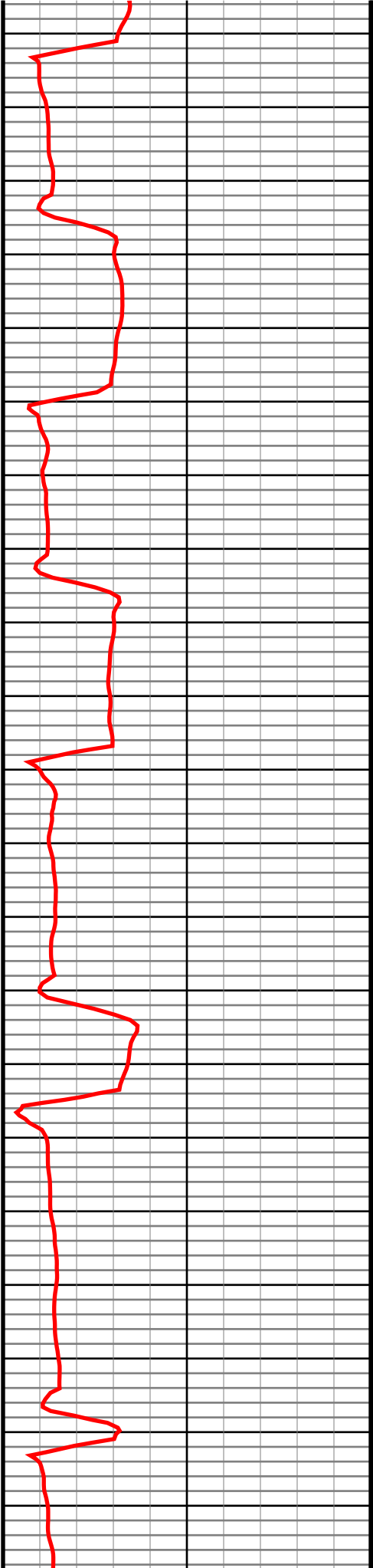
#74 MD(6636.00) Inc(41.5) Azm(274.1) TVD(6588.69)
VS(-105.62) NS(-76.12) EW(106.89) TEMP(0.0)

#75 MD(6684.00) Inc(44.6) Azm(272.1) TVD(6623.76)
VS(-72.94) NS(-74.36) EW(74.18) TEMP(0.0)

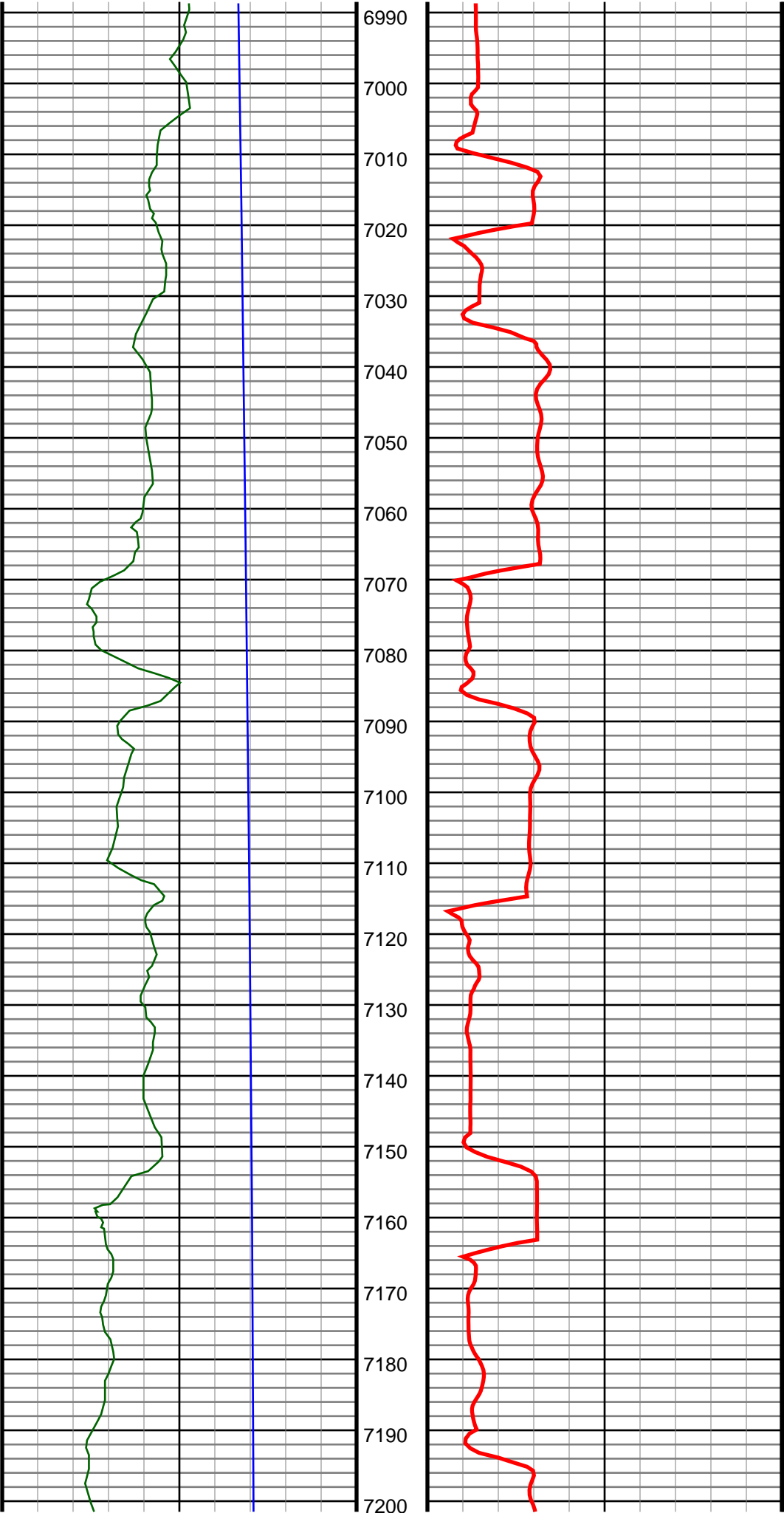
#76 MD(6732.00) Inc(47.0) Azm(269.0) TVD(6657.23)
VS(-38.55) NS(-74.05) EW(39.78) TEMP(0.0)



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#77 MD(6779.00) Inc(50.0) Azm(268.3) TVD(6688.37) VS(-3.35) NS(-74.89) EW(4.60) TEMP(0.0)
#78 MD(6827.00) Inc(53.1) Azm(267.7) TVD(6718.21) VS(34.23) NS(-76.20) EW(-32.97) TEMP(0.0)
#79 MD(6874.00) Inc(55.6) Azm(267.6) TVD(6745.60) VS(72.40) NS(-77.77) EW(-71.12) TEMP(0.0)
#80 MD(6922.00) Inc(59.6) Azm(267.6) TVD(6771.32) VS(112.91) NS(-79.47) EW(-111.61) TEMP(0.0)
#81 MD(6970.00) Inc(66.4) Azm(269.1) TVD(6793.10) VS(155.65) NS(-80.68) EW(-154.33) TEMP(0.0)

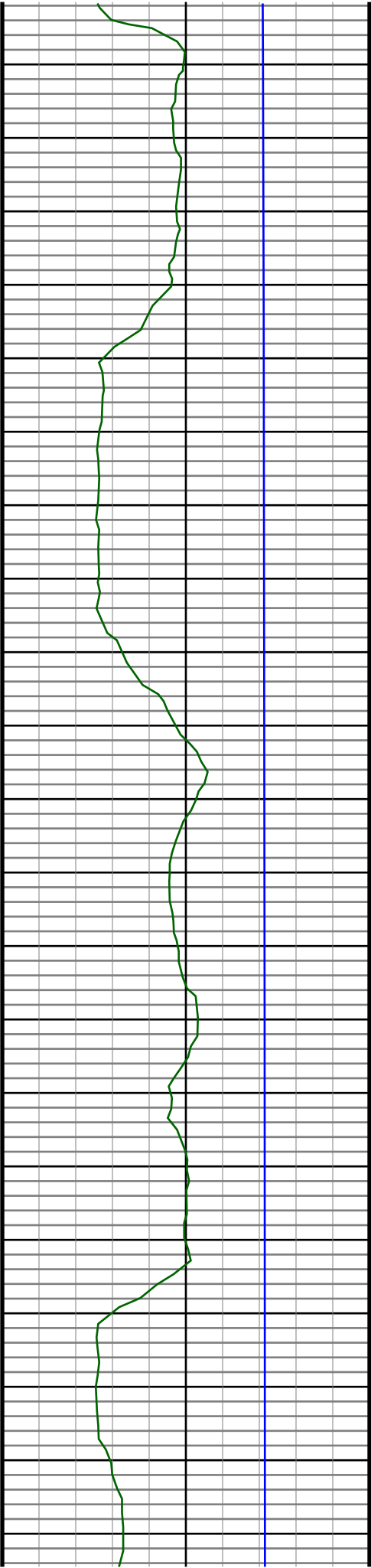


#82 MD(7018.00) Inc(71.8) Azm(270.7) TVD(6810.21)
VS(200.47) NS(-80.75) EW(-199.16) TEMP(0.0)

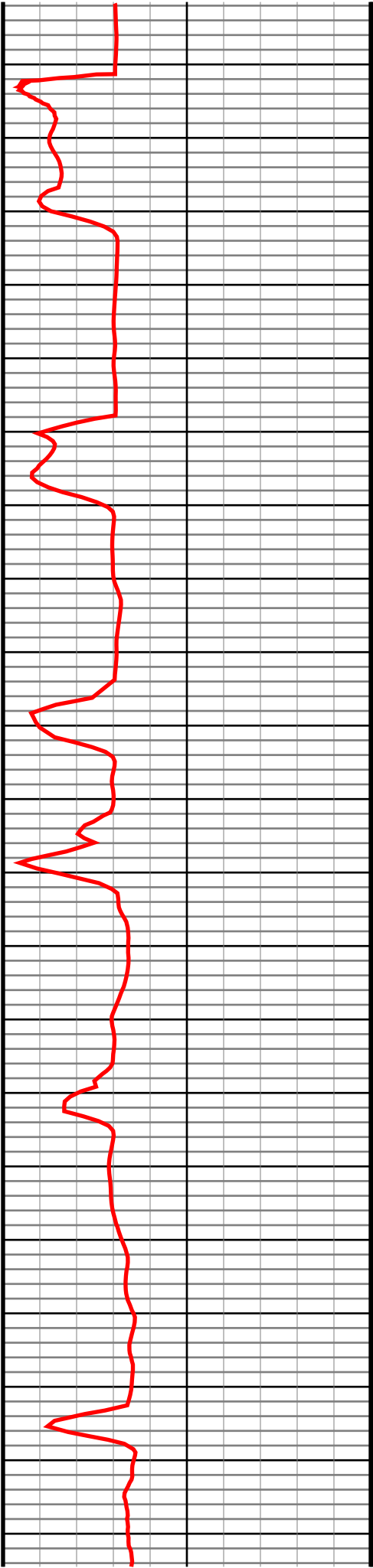
#83 MD(7065.00) Inc(73.5) Azm(271.1) TVD(6824.23)
VS(245.30) NS(-80.04) EW(-244.01) TEMP(0.0)

#84 MD(7113.00) Inc(76.1) Azm(270.9) TVD(6836.81)
VS(291.59) NS(-79.23) EW(-290.32) TEMP(0.0)

#85 MD(7160.00) Inc(81.1) Azm(270.4) TVD(6846.10)
VS(337.63) NS(-78.71) EW(-336.37) TEMP(0.0)



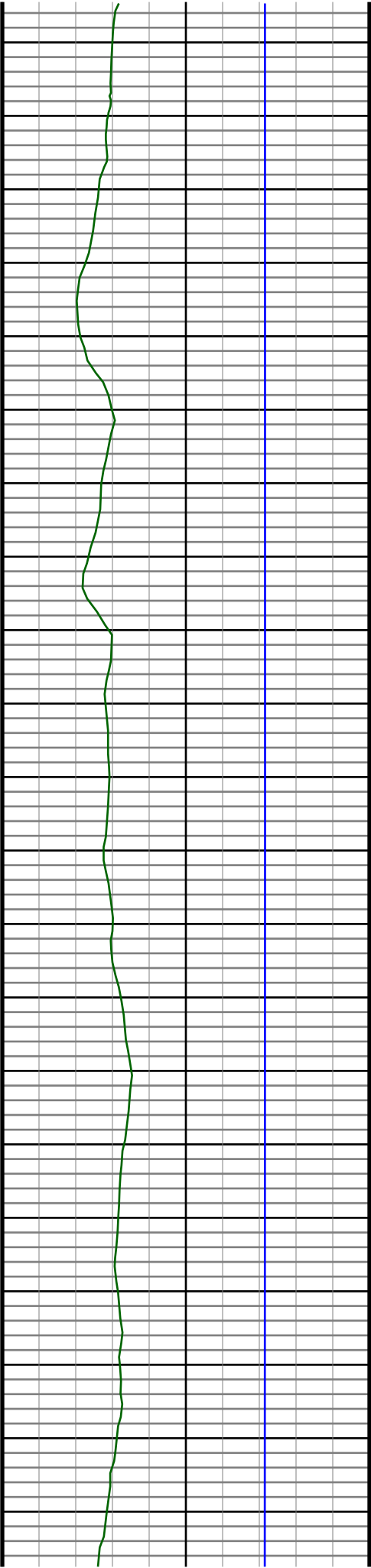
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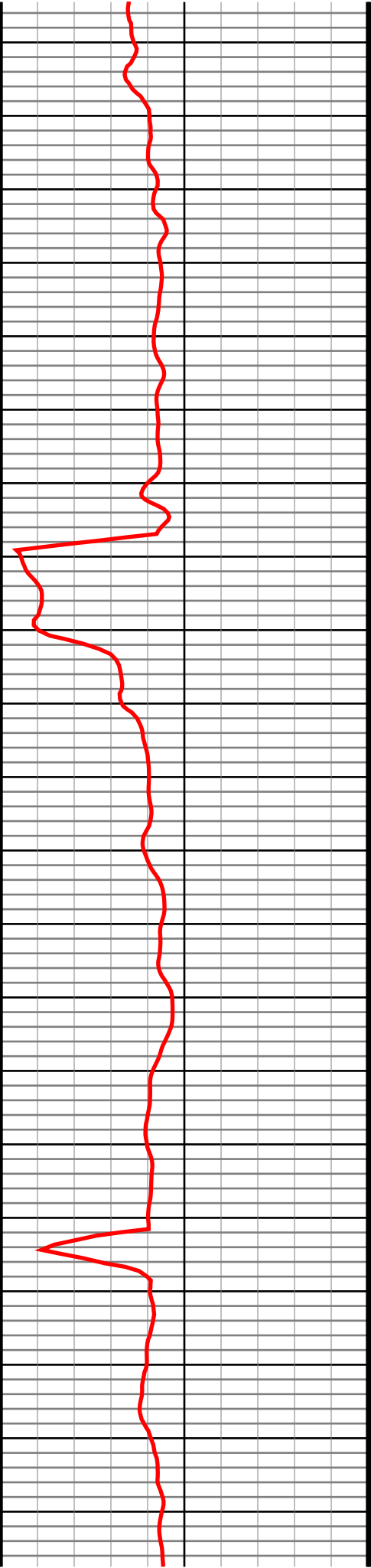
#86 MD(7208.00) Inc(85.1) Azm(270.0) TVD(6851.87)
VS(385.27) NS(-78.55) EW(-384.02) TEMP(0.0)

#87 MD(7244.00) Inc(87.1) Azm(269.7) TVD(6854.31)
VS(421.18) NS(-78.64) EW(-419.93) TEMP(0.0)

#88 MD(7339.00) Inc(89.3) Azm(271.6) TVD(6857.30)
VS(516.08) NS(-77.56) EW(-514.87) TEMP(0.0)



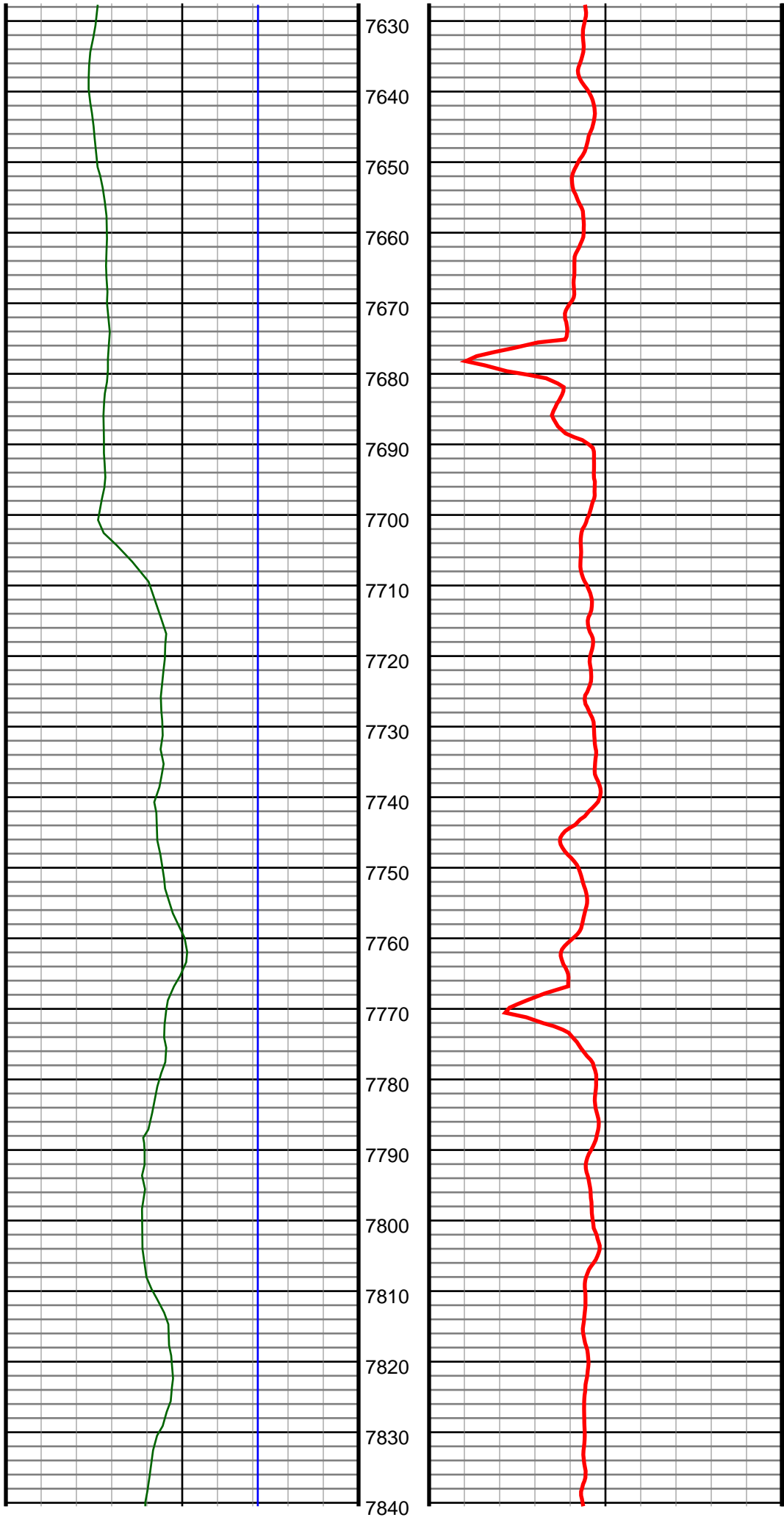
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#89 MD(7433.00) Inc(89.1) Azm(271.1) TVD(6858.61)
VS(610.00) NS(-75.35) EW(-608.83) TEMP(0.0)

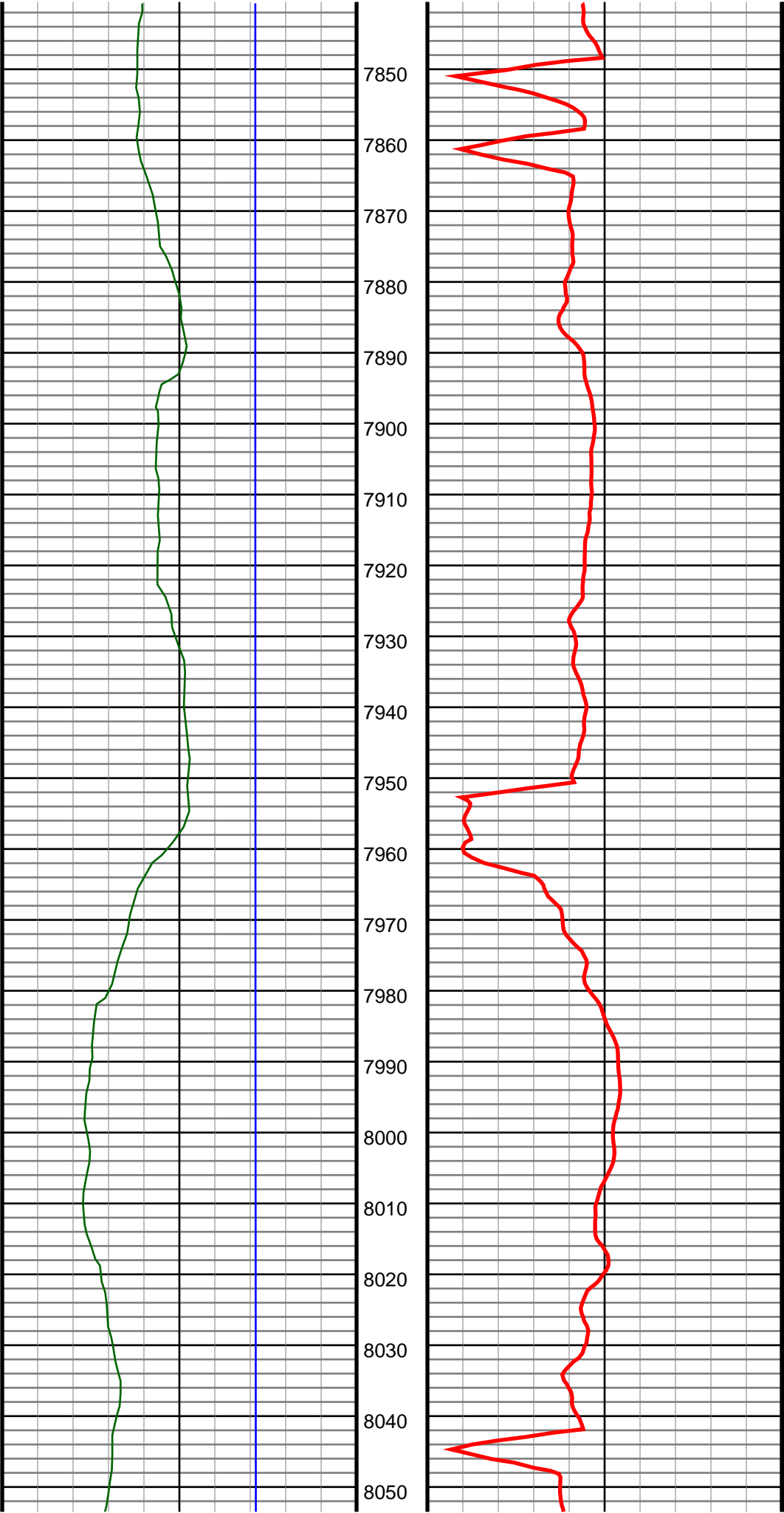
#90 MD(7527.00) Inc(90.7) Azm(269.0) TVD(6858.77)
VS(703.98) NS(-75.27) EW(-702.82) TEMP(0.0)

#91 MD(7621.00) Inc(90.4) Azm(268.8) TVD(6857.87)
VS(797.97) NS(-77.07) EW(-796.80) TEMP(0.0)



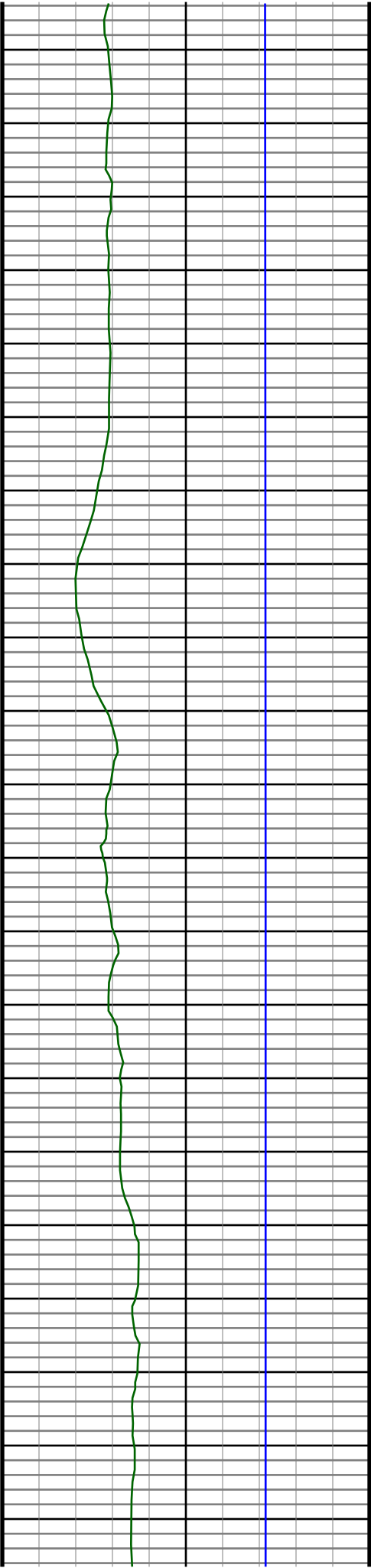
#92 MD(7713.00) Inc(90.2) Azm(269.1) TVD(6857.39)
VS(889.97) NS(-78.76) EW(-888.79) TEMP(0.0)

#93 MD(7805.00) Inc(90.1) Azm(269.0) TVD(6857.15)
VS(981.97) NS(-80.28) EW(-980.77) TEMP(0.0)

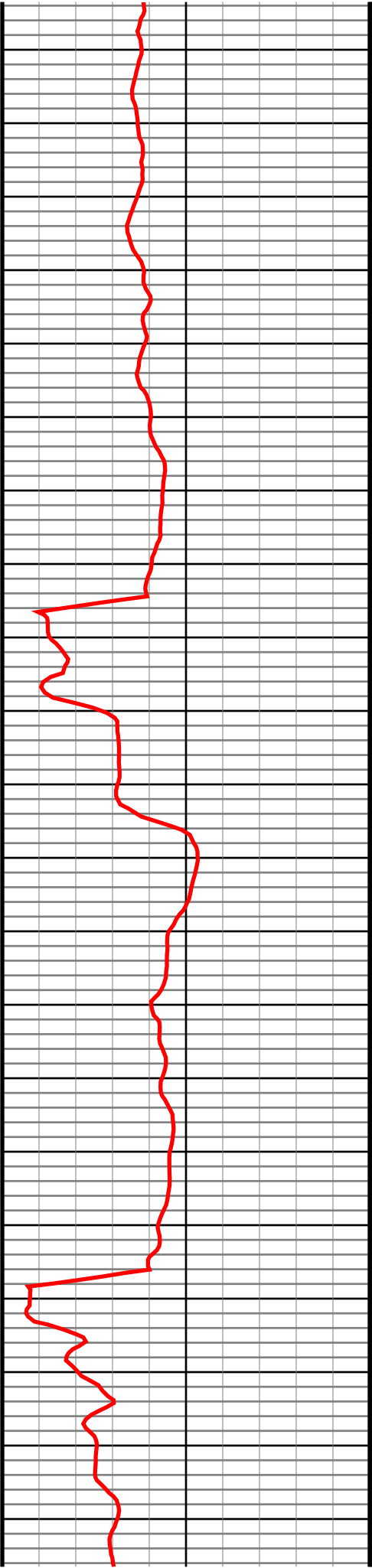


#94 MD(7897.00) Inc(90.0) Azm(268.4) TVD(6857.07)
VS(1073.97) NS(-82.37) EW(-1072.75) TEMP(0.0)

#95 MD(7988.00) Inc(89.1) Azm(269.7) TVD(6857.78)
VS(1164.96) NS(-83.88) EW(-1163.73) TEMP(0.0)



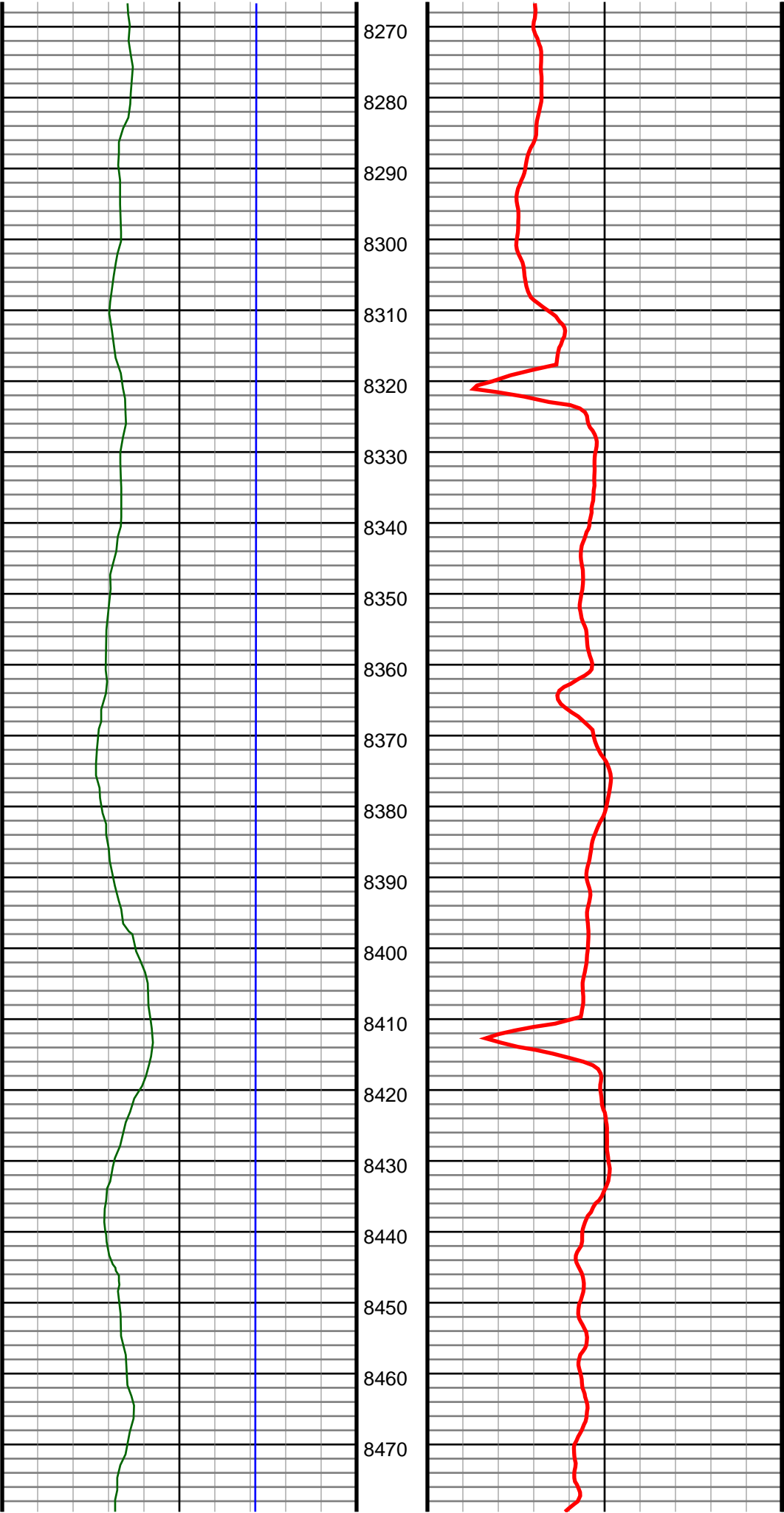
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#96 MD(8080.00) Inc(89.0) Azm(269.3) TVD(6859.31)
VS(1256.95) NS(-84.68) EW(-1255.71) TEMP(0.0)

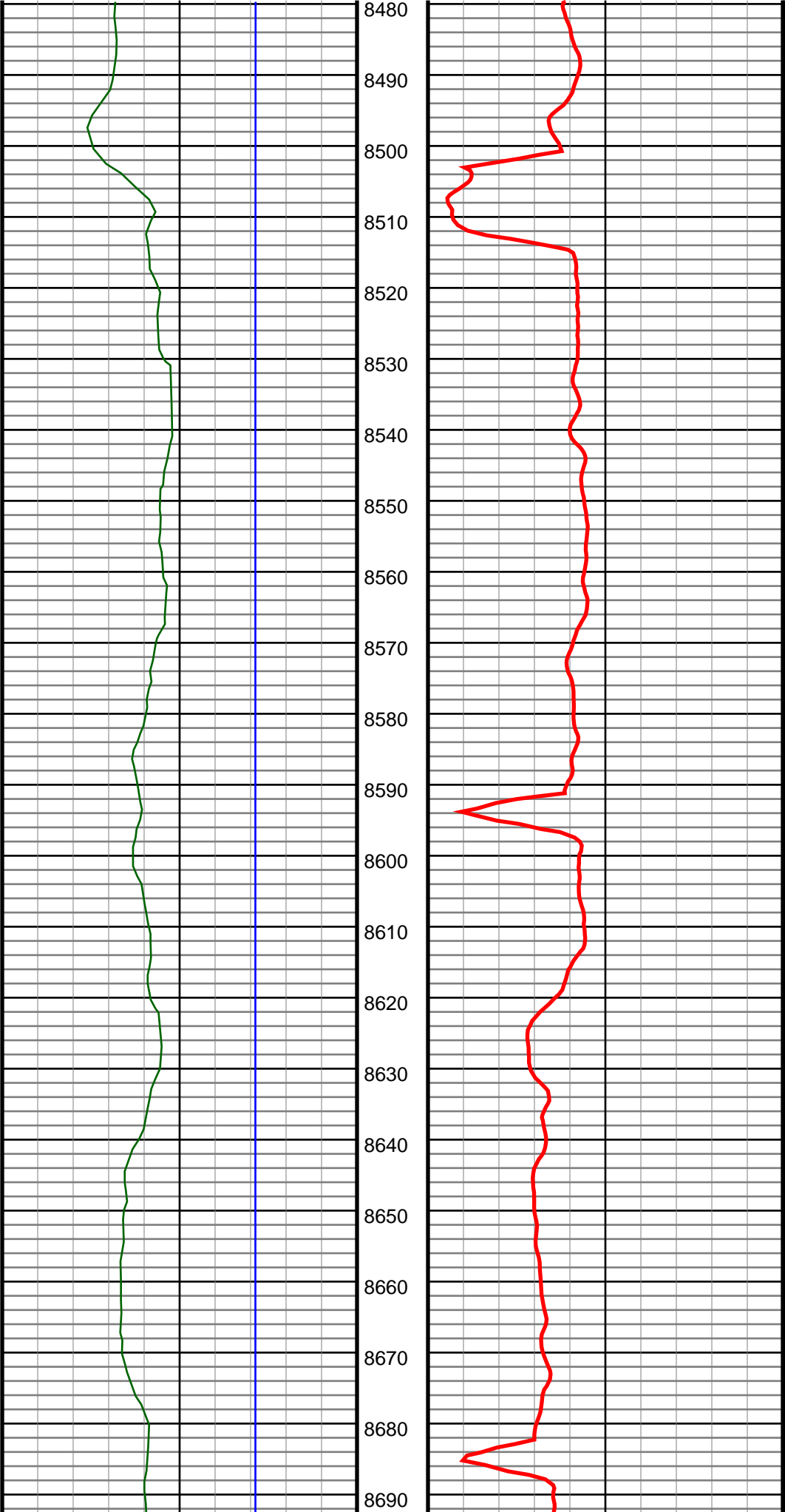
#97 MD(8172.00) Inc(89.4) Azm(270.4) TVD(6860.59)
VS(1348.93) NS(-84.92) EW(-1347.70) TEMP(0.0)

#98 MD(8264.00) Inc(90.6) Azm(269.8) TVD(6860.59)
VS(1440.91) NS(-84.76) EW(-1439.70) TEMP(0.0)



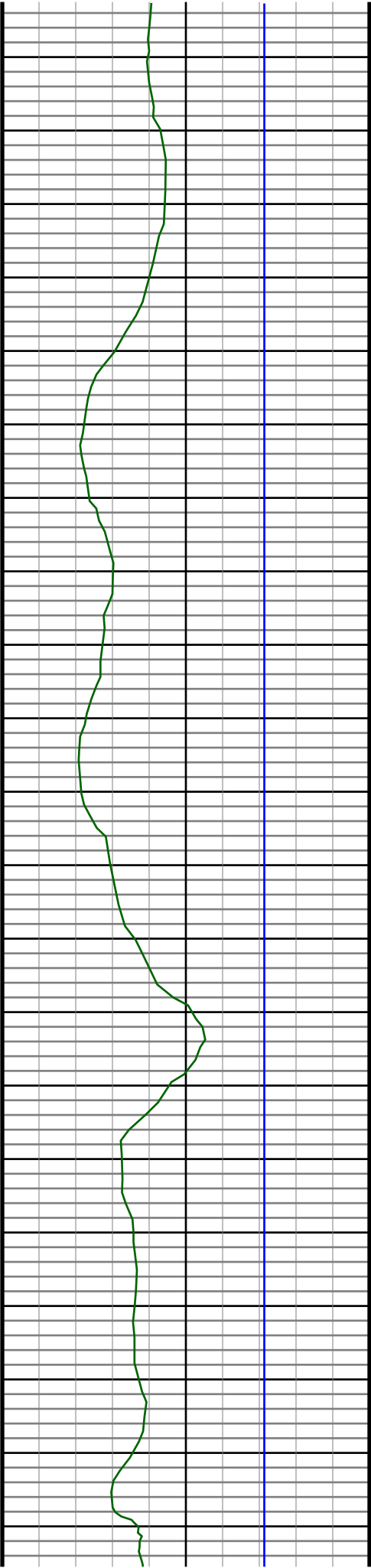
#99 MD(8355.00) Inc(91.0) Azm(269.3) TVD(6859.32)
VS(1531.90) NS(-85.48) EW(-1530.69) TEMP(0.0)

#100 MD(8445.00) Inc(91.4) Azm(269.5) TVD(6857.44)
VS(1621.87) NS(-86.42) EW(-1620.66) TEMP(0.0)

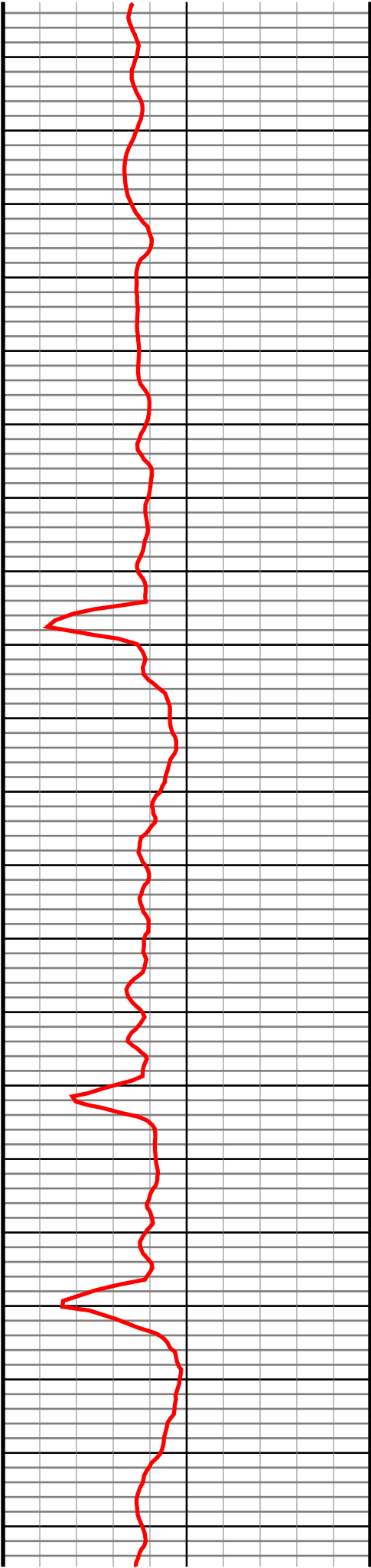


#101 MD(8536.00) Inc(90.1) Azm(269.8) TVD(6856.25)
VS(1712.86) NS(-86.98) EW(-1711.65) TEMP(0.0)

#102 MD(8628.00) Inc(89.9) Azm(269.7) TVD(6856.25)
VS(1804.85) NS(-87.38) EW(-1803.65) TEMP(0.0)



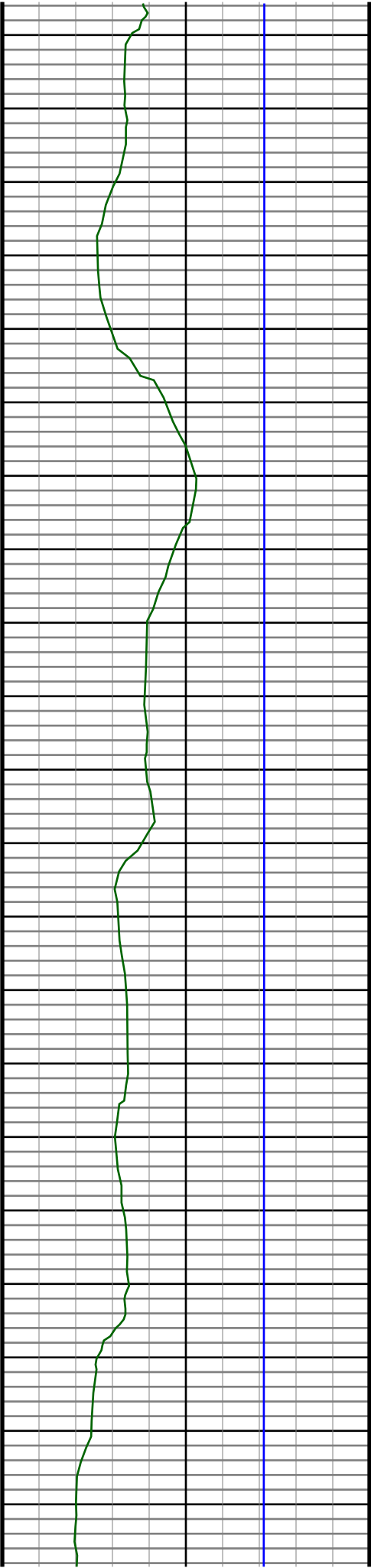
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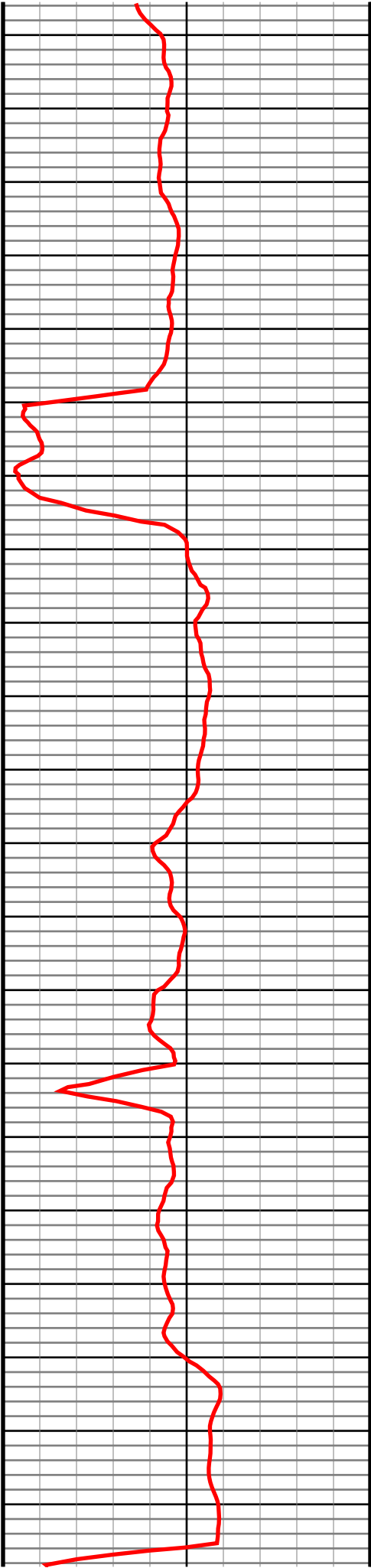
#103 MD(8720.00) Inc(89.9) Azm(269.5) TVD(6856.41)
VS(1896.85) NS(-88.02) EW(-1895.65) TEMP(0.0)

#104 MD(8812.00) Inc(90.2) Azm(269.0) TVD(6856.33)
VS(1988.85) NS(-89.22) EW(-1987.64) TEMP(0.0)

#105 MD(8904.00) Inc(89.9) Azm(268.8) TVD(6856.25)
VS(2080.85) NS(-90.99) EW(-2079.62) TEMP(0.0)

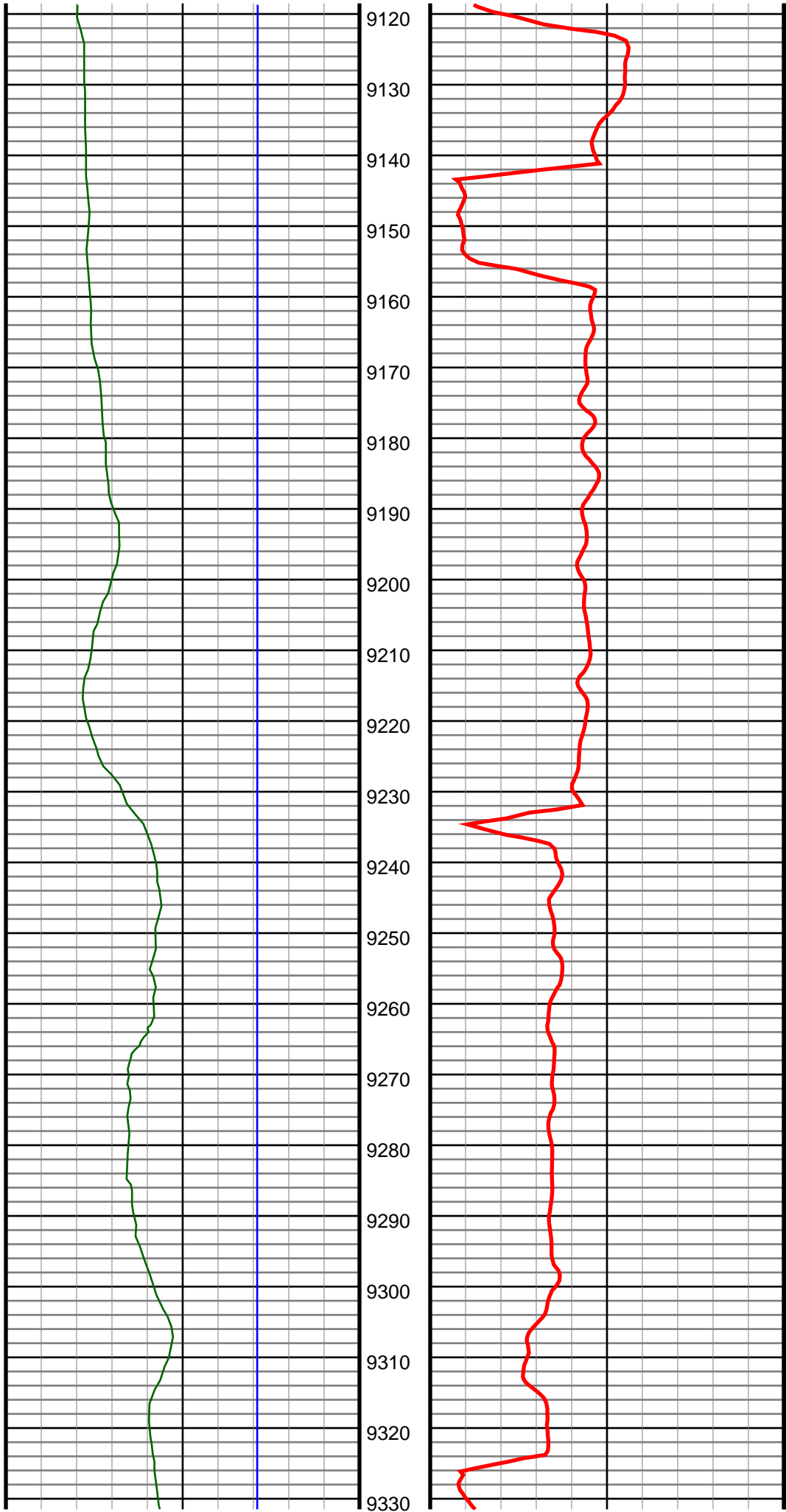


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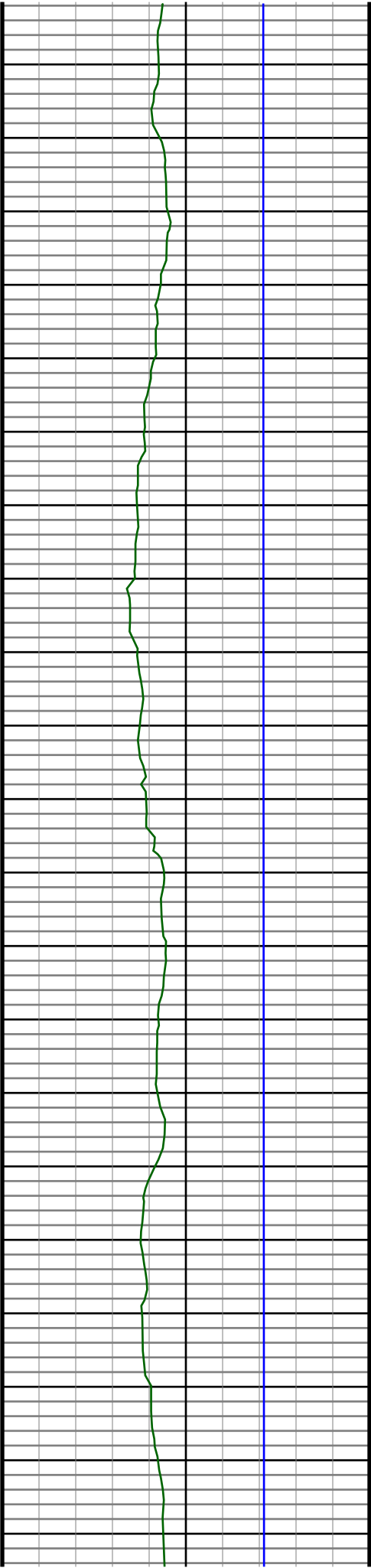
#106 MD(8995.00) Inc(90.1) Azm(270.0) TVD(6856.25)
VS(2171.84) NS(-91.94) EW(-2170.62) TEMP(0.0)

#107 MD(9086.00) Inc(91.5) Azm(269.8) TVD(6854.98)
VS(2262.82) NS(-92.10) EW(-2261.61) TEMP(0.0)

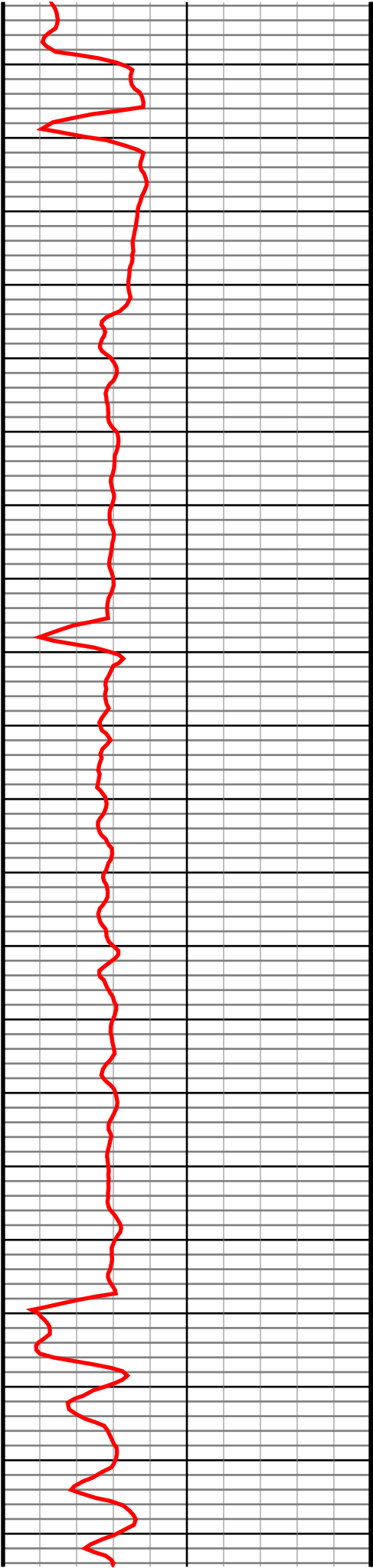


#108 MD(9178.00) Inc(90.2) Azm(270.2) TVD(6853.61)
VS(2354.80) NS(-92.10) EW(-2353.59) TEMP(0.0)

#109 MD(9269.00) Inc(90.9) Azm(270.0) TVD(6852.74)
VS(2445.78) NS(-91.94) EW(-2444.59) TEMP(0.0)

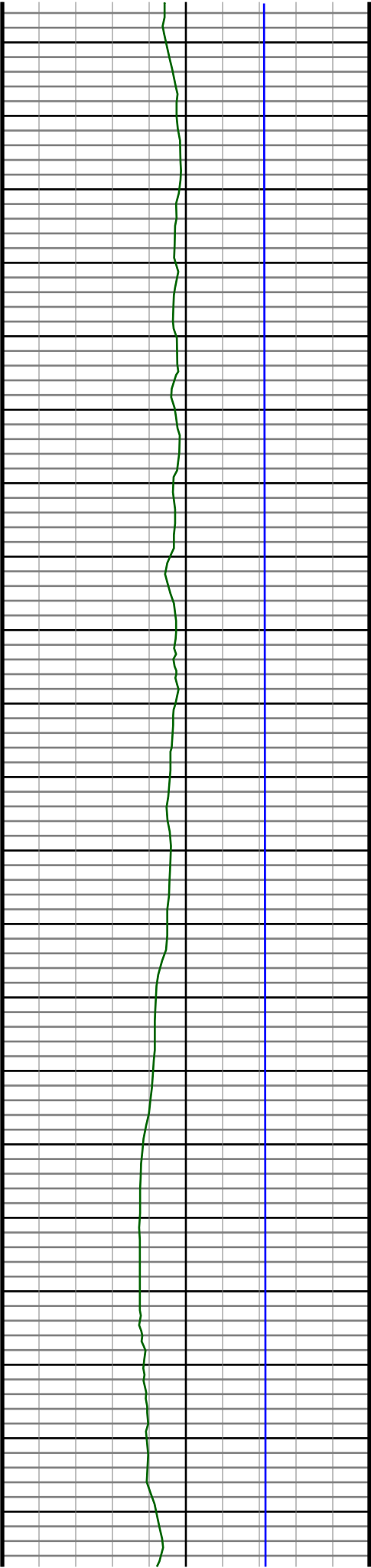


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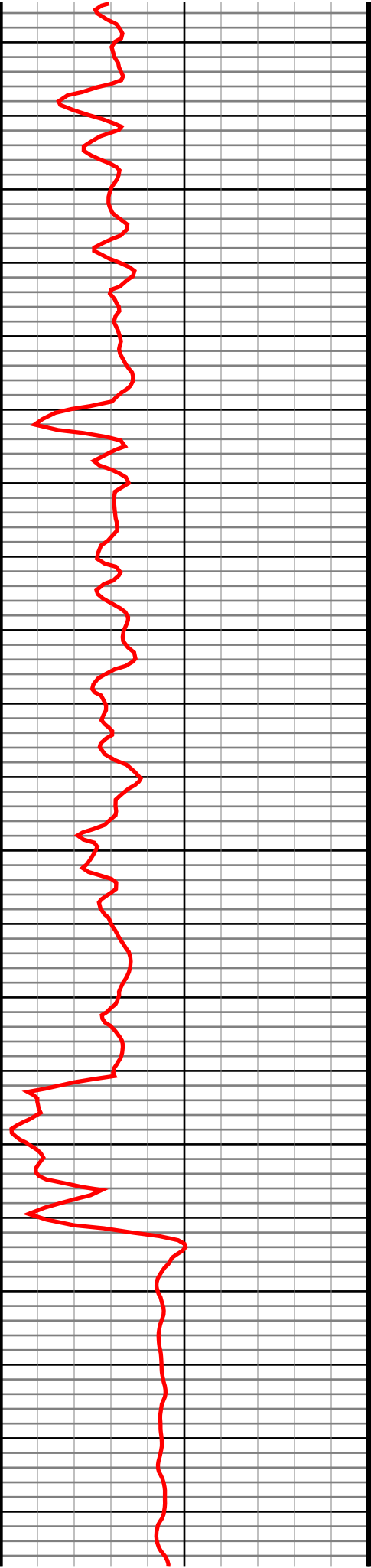


#110 MD(9361.00) Inc(88.8) Azm(269.7) TVD(6852.98)
VS(2537.76) NS(-92.18) EW(-2536.58) TEMP(0.0)

#111 MD(9453.00) Inc(90.0) Azm(269.7) TVD(6853.94)
VS(2629.75) NS(-92.66) EW(-2628.57) TEMP(0.0)



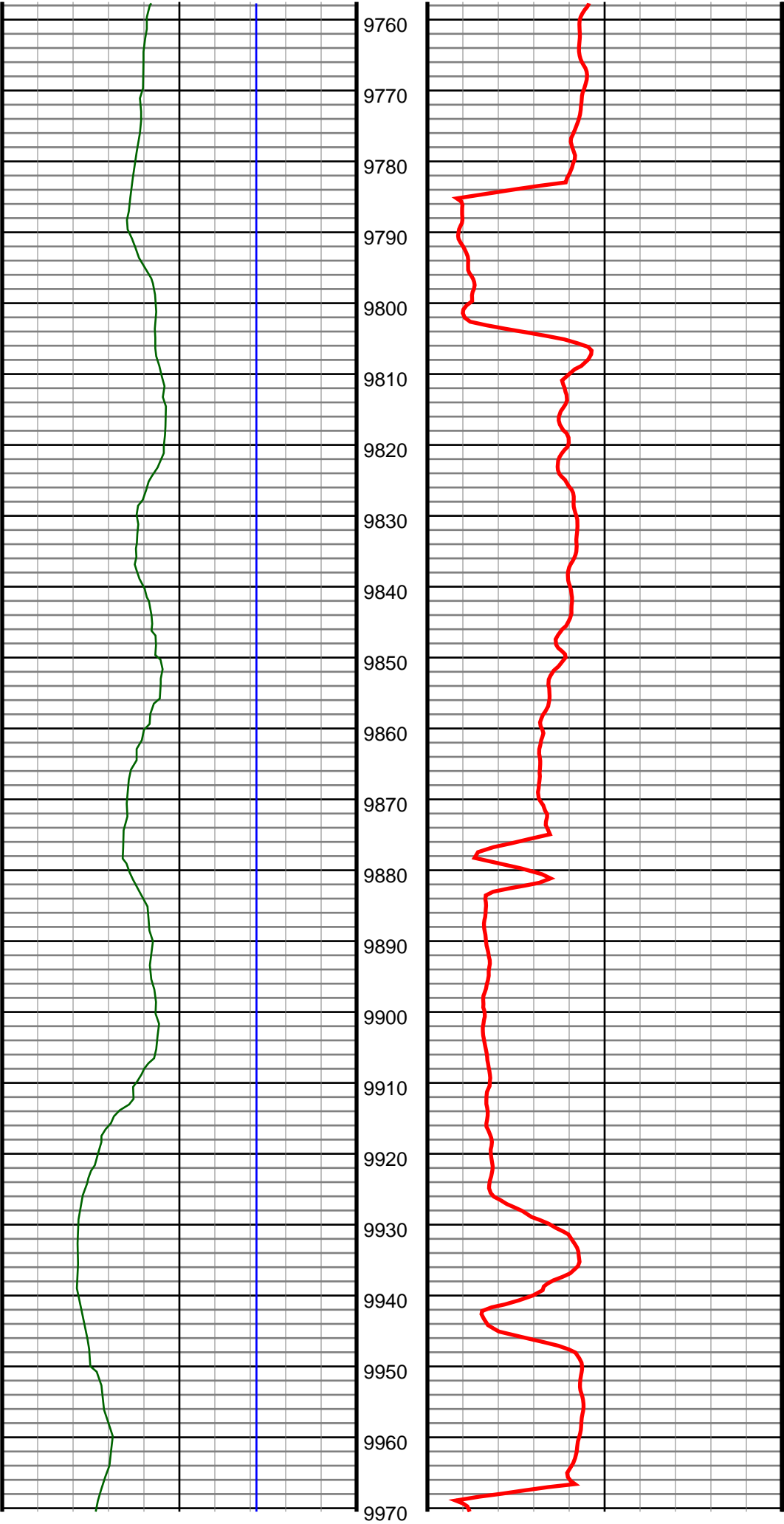
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#112 MD(9545.00) Inc(88.2) Azm(269.5) TVD(6855.39)
VS(2721.73) NS(-93.31) EW(-2720.56) TEMP(0.0)

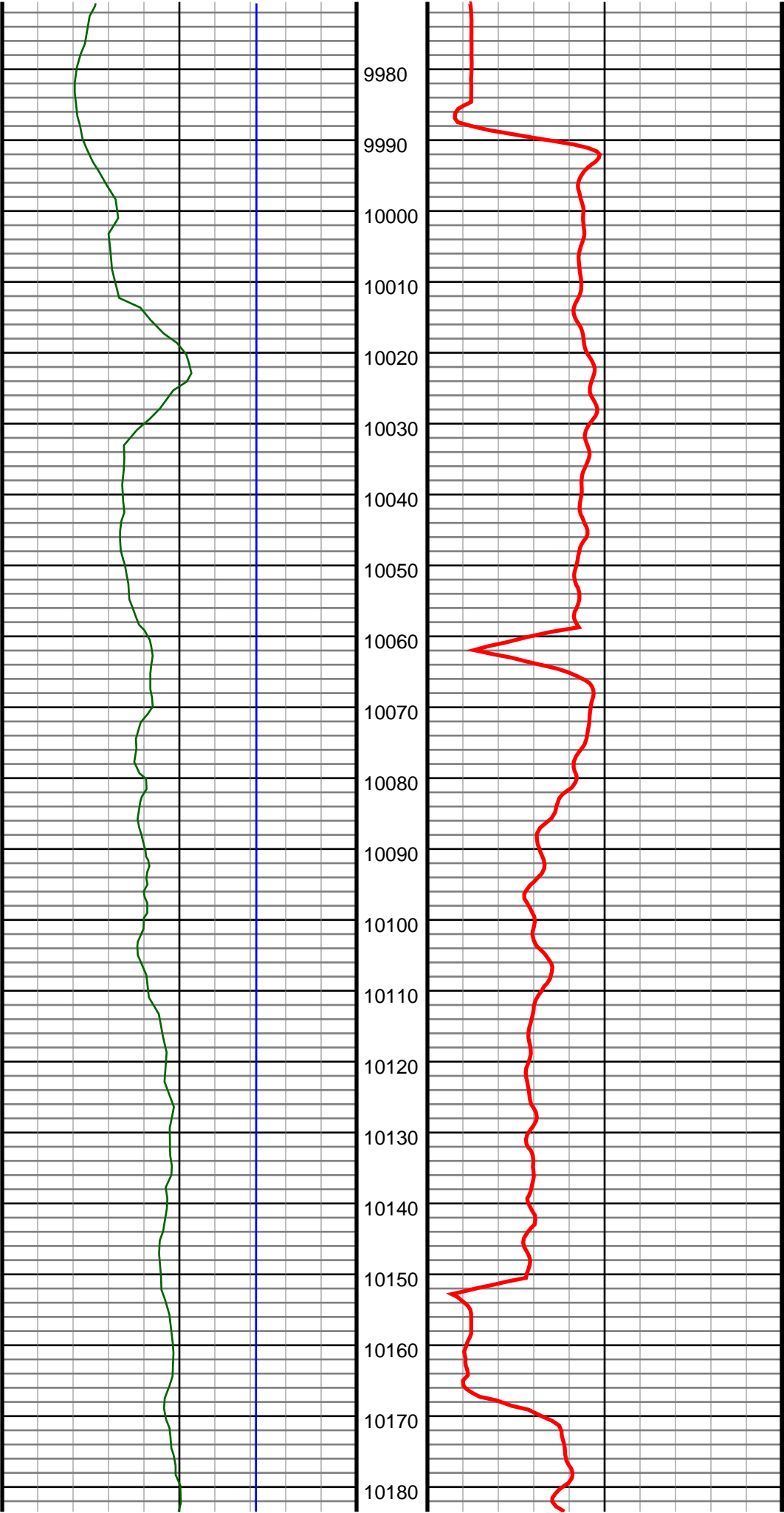
#113 MD(9637.00) Inc(88.6) Azm(268.8) TVD(6857.96)
VS(2813.69) NS(-94.67) EW(-2812.51) TEMP(0.0)

#114 MD(9728.00) Inc(88.9) Azm(268.4) TVD(6859.94)
VS(2904.67) NS(-96.89) EW(-2903.46) TEMP(0.0)



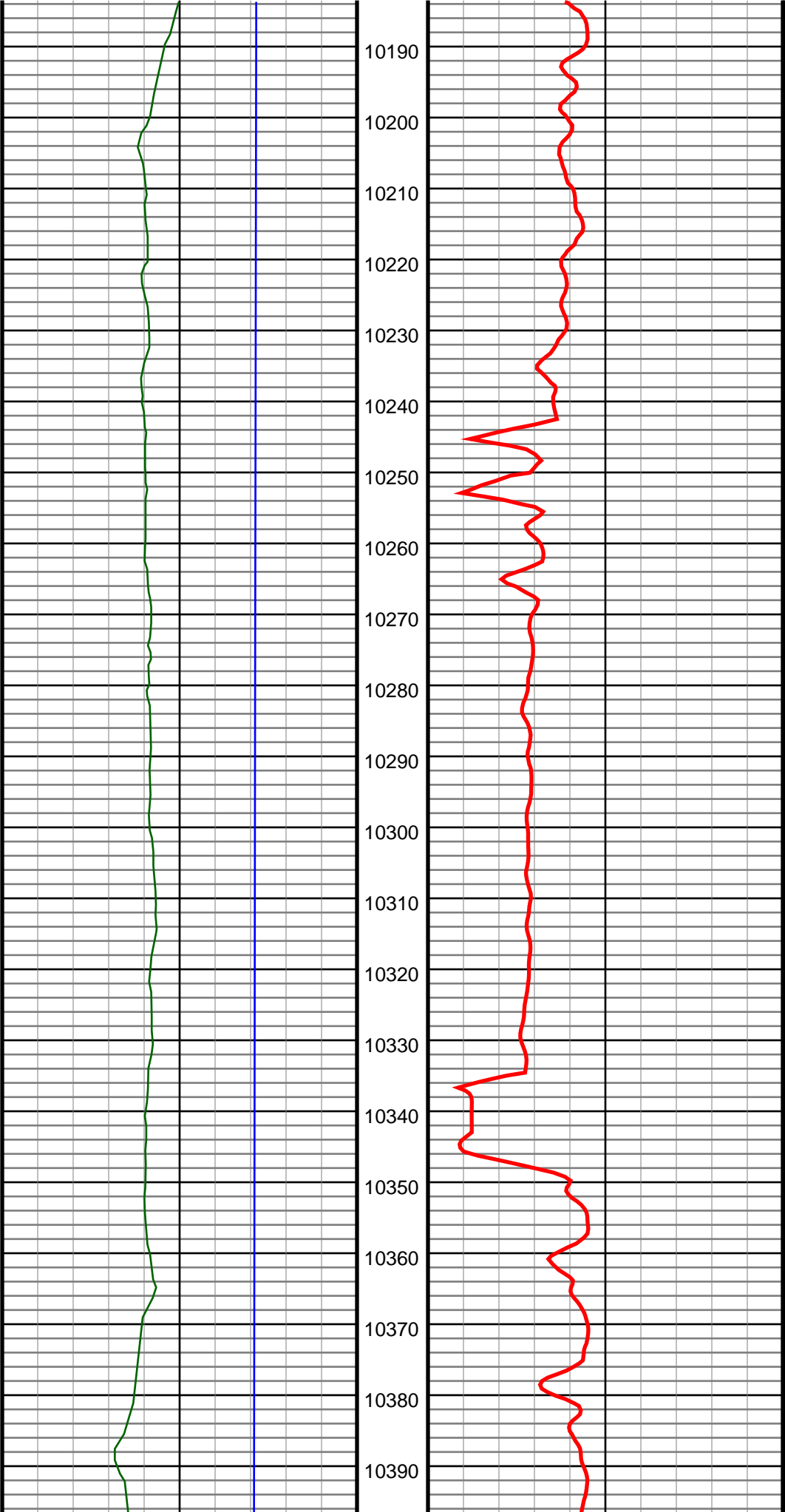
#115 MD(9821.00) Inc(90.0) Azm(270.4) TVD(6860.83)
VS(2997.66) NS(-97.87) EW(-2996.45) TEMP(0.0)

#116 MD(9912.00) Inc(89.6) Azm(269.5) TVD(6861.15)
VS(3088.64) NS(-97.95) EW(-3087.44) TEMP(0.0)



#117 MD(10004.00) Inc(90.7) Azm(272.5) TVD(6860.91)
VS(3180.58) NS(-96.34) EW(-3179.42) TEMP(0.0)

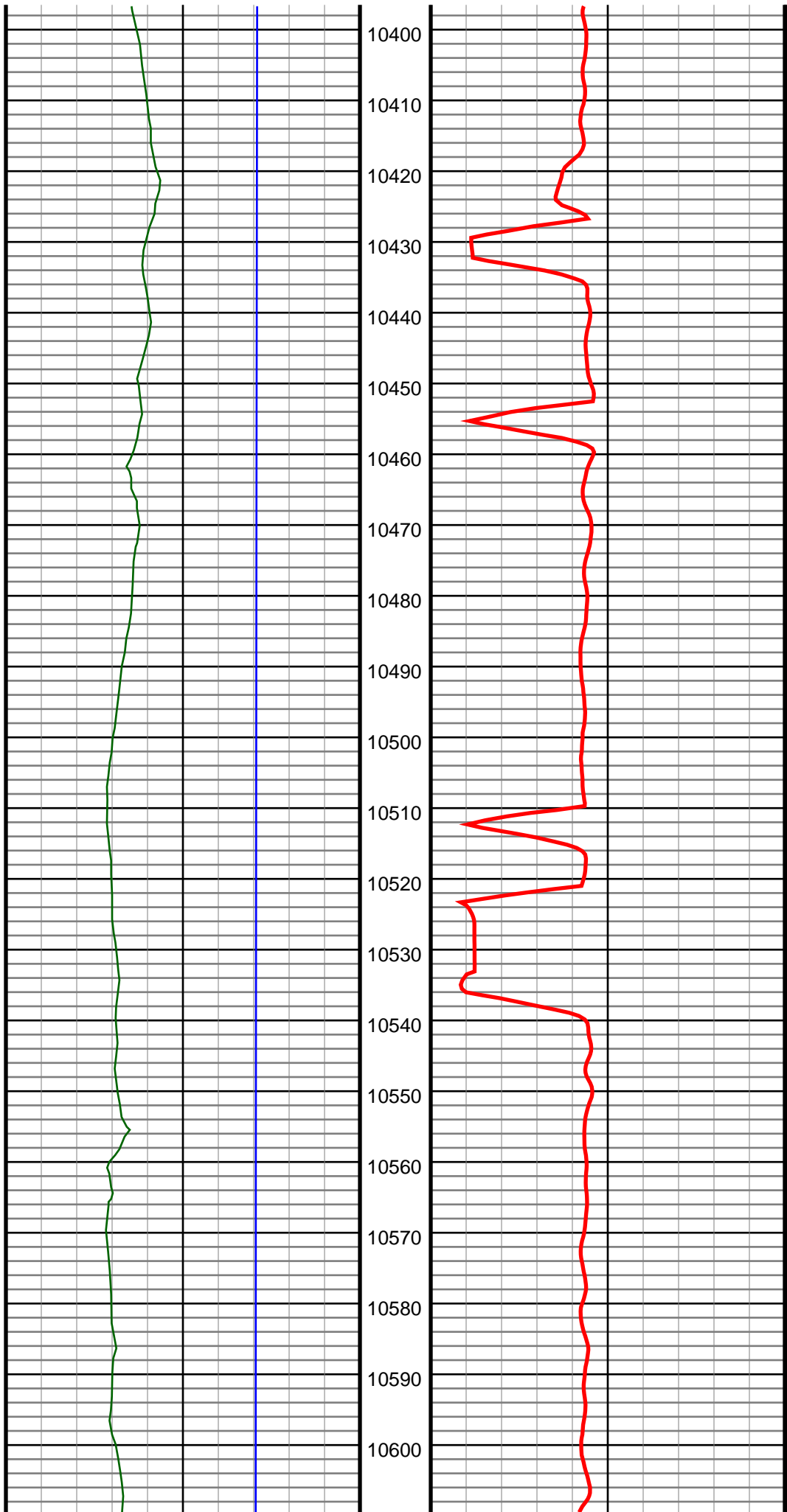
#118 MD(10096.00) Inc(89.6) Azm(272.3) TVD(6860.67)
VS(3272.42) NS(-92.49) EW(-3271.34) TEMP(0.0)



#119 MD(10188.00) Inc(92.4) Azm(271.4) TVD(6859.06)
VS(3364.29) NS(-89.52) EW(-3363.26) TEMP(0.0)

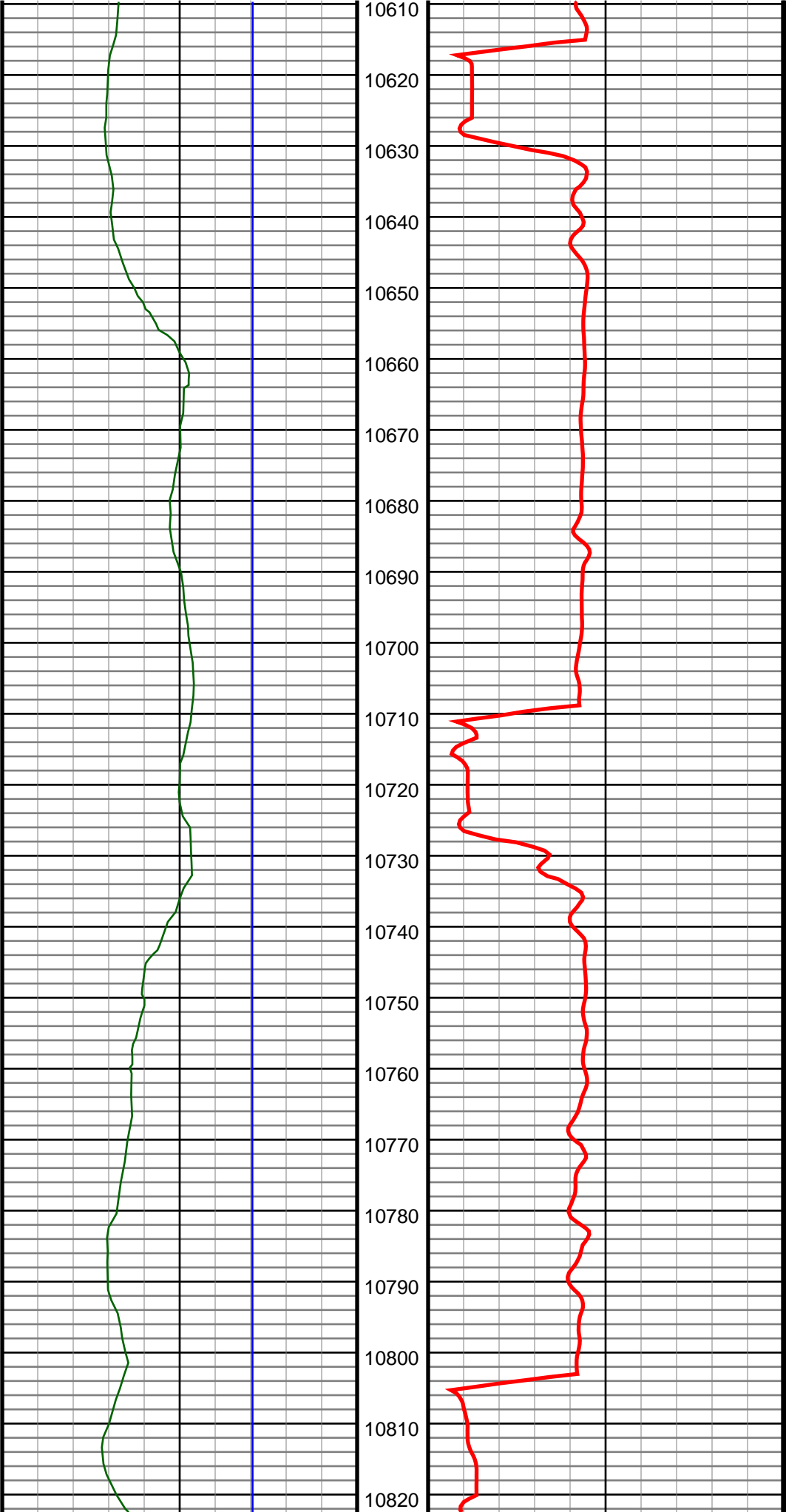
#120 MD(10280.00) Inc(92.2) Azm(271.2) TVD(6855.37)
VS(3456.14) NS(-87.43) EW(-3455.17) TEMP(0.0)

#121 MD(10372.00) Inc(91.5) Azm(269.1) TVD(6852.40)
VS(3548.07) NS(-87.19) EW(-3547.11) TEMP(0.0)



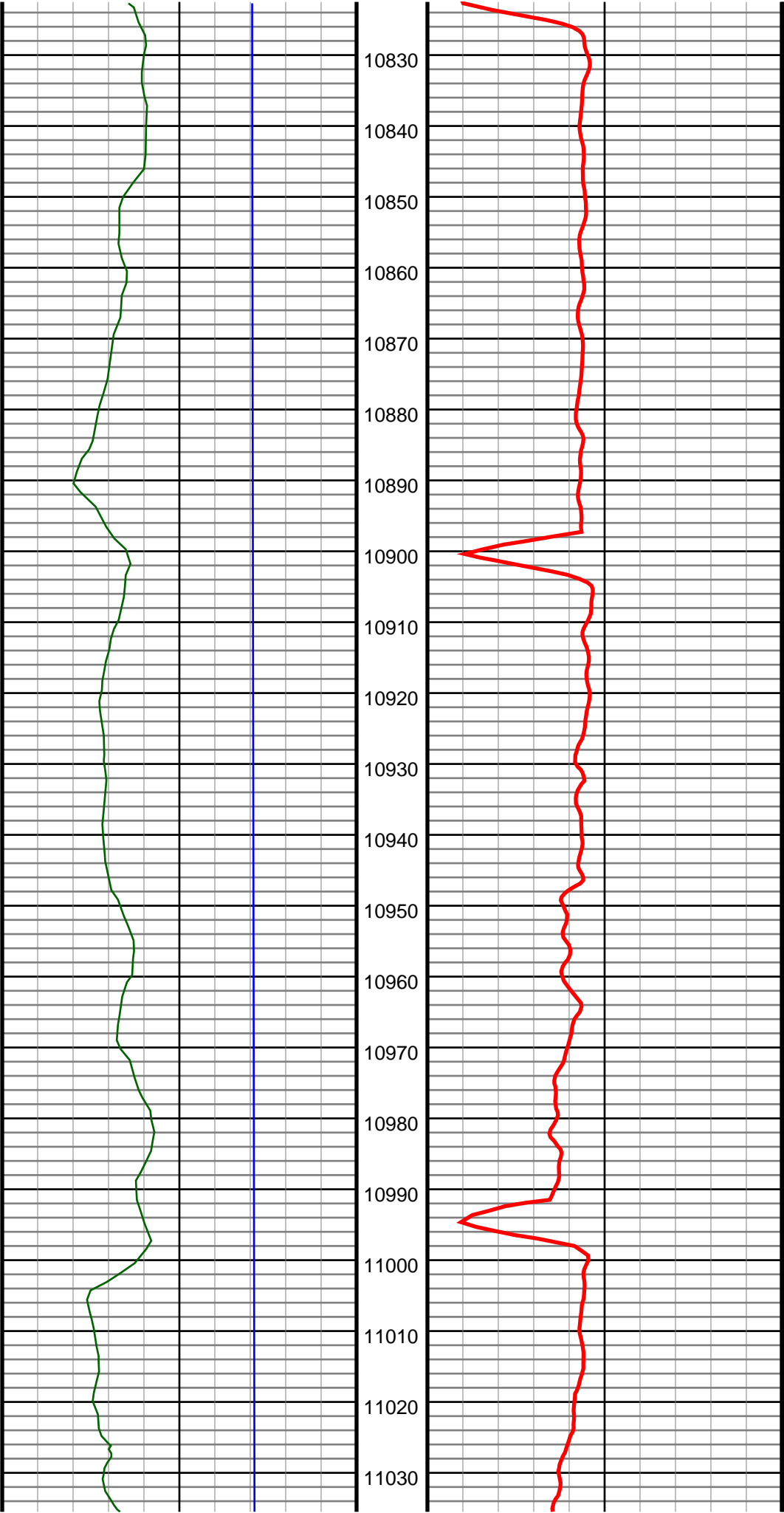
#122 MD(10466.00) Inc(92.3) Azm(268.1) TVD(6849.29)
VS(3642.01) NS(-89.49) EW(-3641.03) TEMP(0.0)

#123 MD(10561.00) Inc(90.3) Azm(267.9) TVD(6847.13)
VS(3736.97) NS(-92.80) EW(-3735.94) TEMP(0.0)



#124 MD(10655.00) Inc(90.7) Azm(269.7) TVD(6846.31)
VS(3830.96) NS(-94.77) EW(-3829.91) TEMP(0.0)

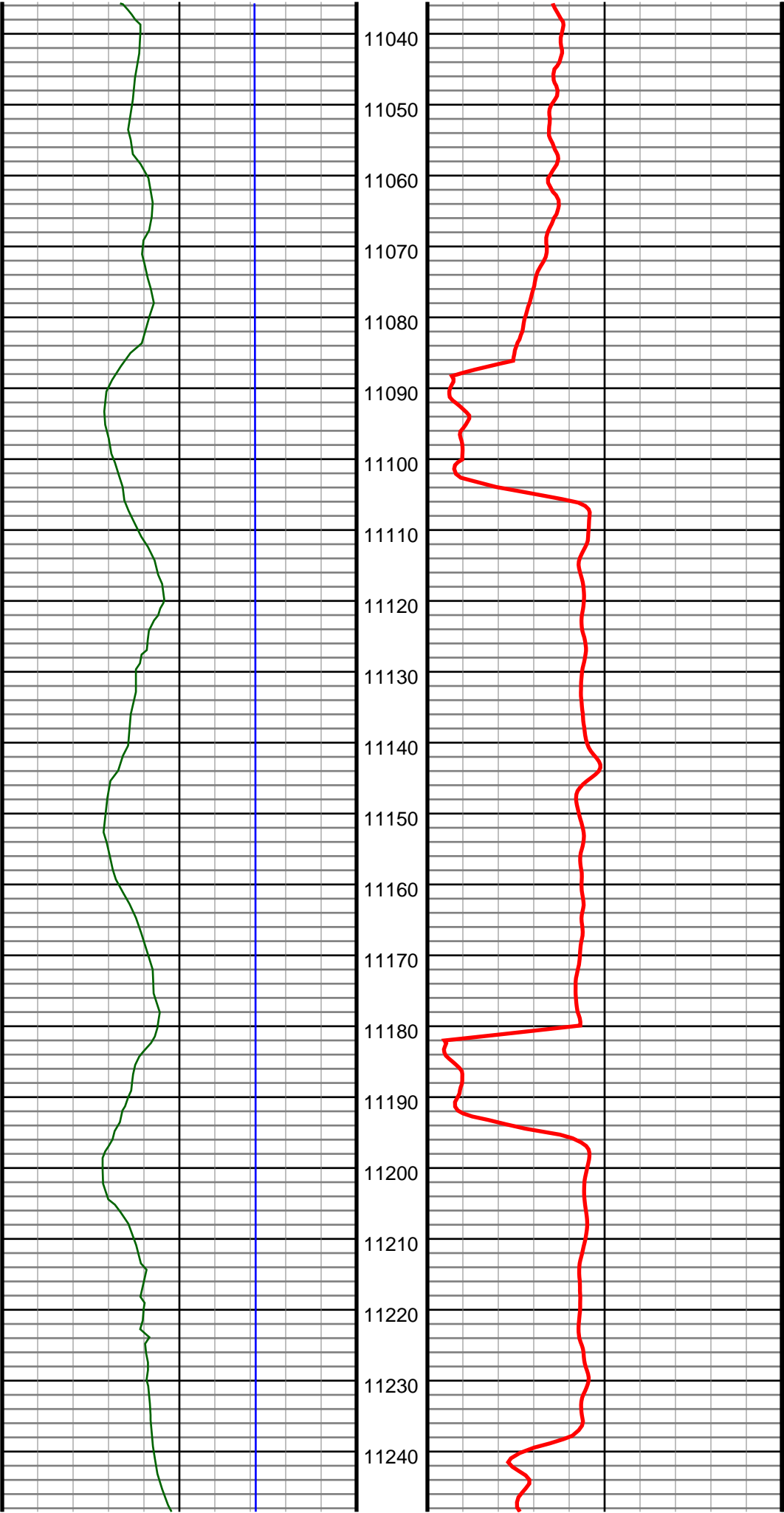
#125 MD(10749.00) Inc(90.5) Azm(269.7) TVD(6845.33)
VS(3924.95) NS(-95.26) EW(-3923.91) TEMP(0.0)



#126 MD(10843.00) Inc(87.8) Azm(269.5) TVD(6846.72)
VS(4018.92) NS(-95.92) EW(-4017.89) TEMP(0.0)

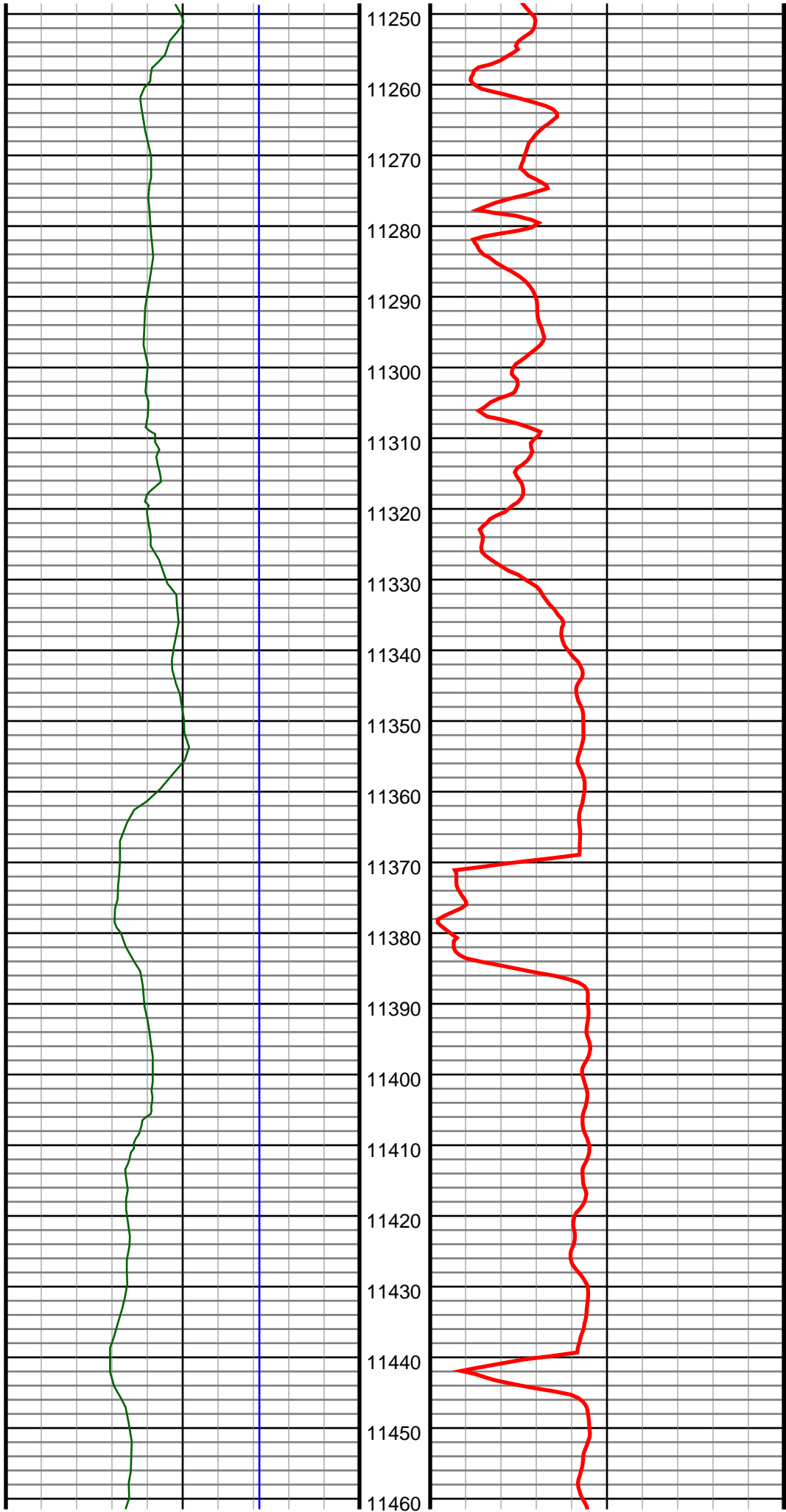
#127 MD(10938.00) Inc(87.8) Azm(269.5) TVD(6850.37)
VS(4113.85) NS(-96.75) EW(-4112.81) TEMP(0.0)

#128 MD(11033.00) Inc(87.5) Azm(269.7) TVD(6854.26)
VS(4208.77) NS(-97.41) EW(-4207.73) TEMP(0.0)



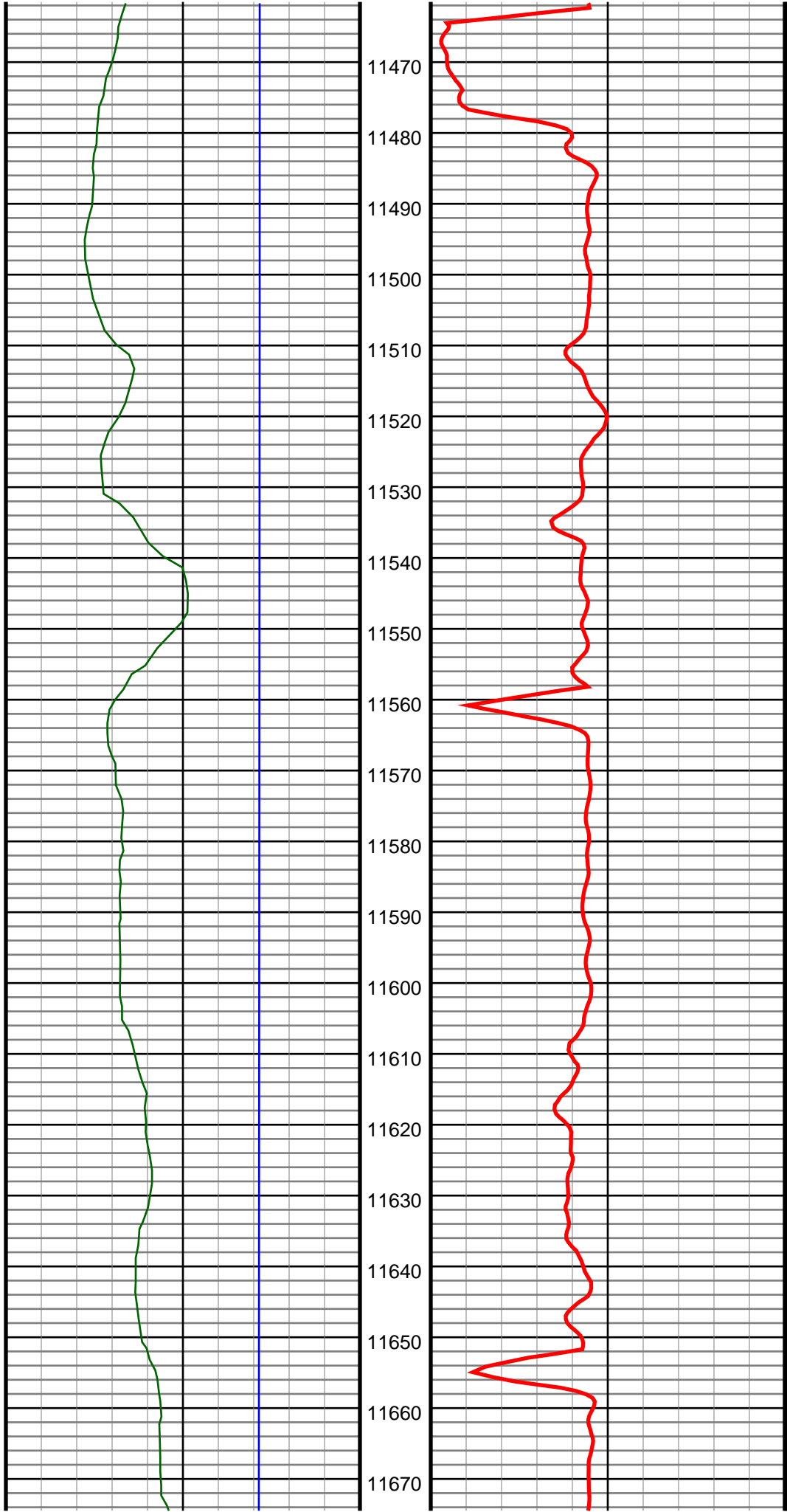
#129 MD(11127.00) Inc(88.8) Azm(269.8) TVD(6857.30)
VS(4302.71) NS(-97.82) EW(-4301.68) TEMP(0.0)

#130 MD(11221.00) Inc(89.9) Azm(270.0) TVD(6858.36)
VS(4396.69) NS(-97.98) EW(-4395.67) TEMP(0.0)



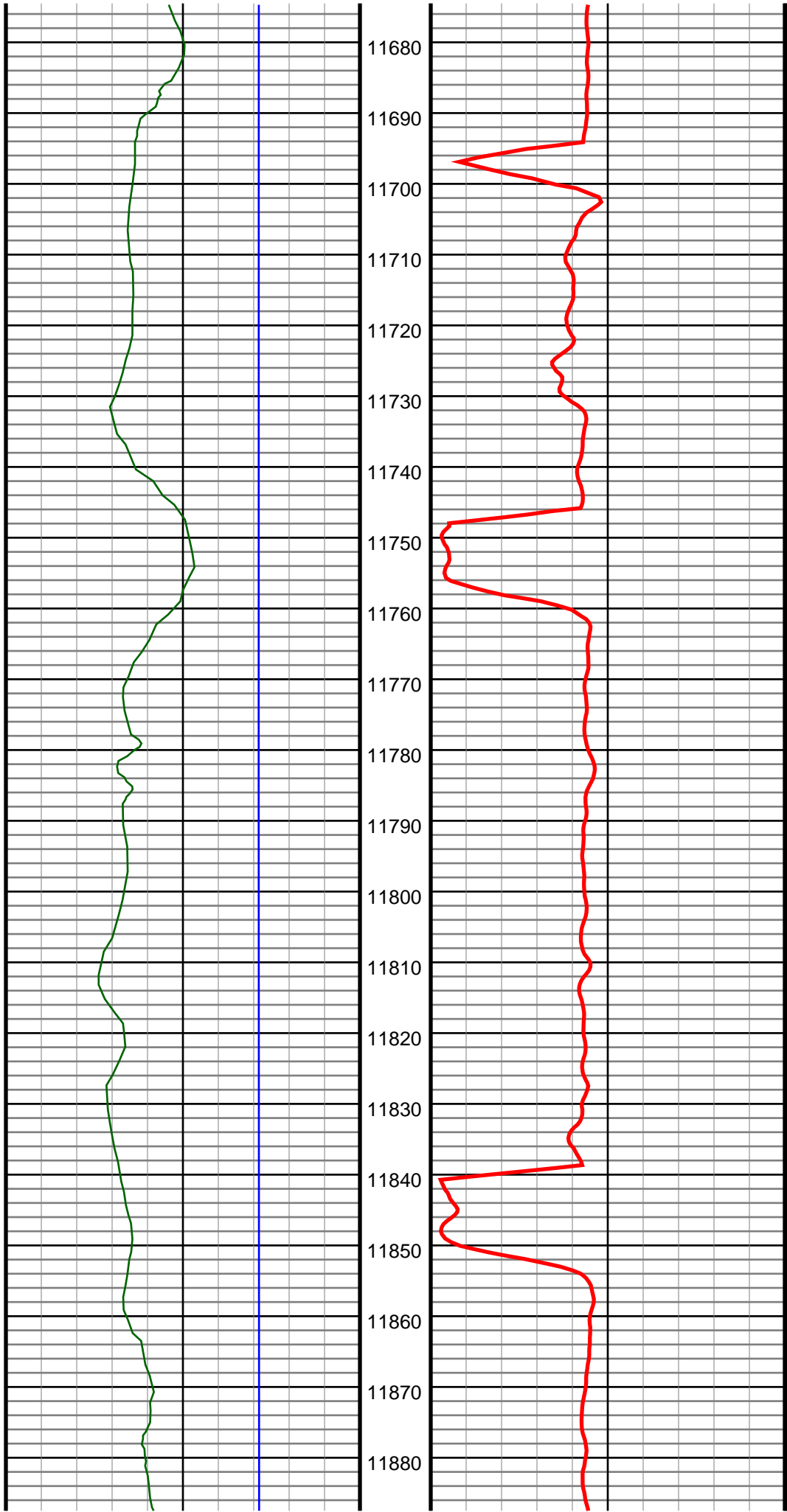
#131 MD(11315.00) Inc(89.2) Azm(269.3) TVD(6859.10)
VS(4490.68) NS(-98.56) EW(-4489.66) TEMP(0.0)

#132 MD(11410.00) Inc(89.3) Azm(269.5) TVD(6860.35)
VS(4585.67) NS(-99.55) EW(-4584.65) TEMP(0.0)



#133 MD(11504.00) Inc(91.0) Azm(270.5) TVD(6860.10)
VS(4679.65) NS(-99.55) EW(-4678.65) TEMP(0.0)

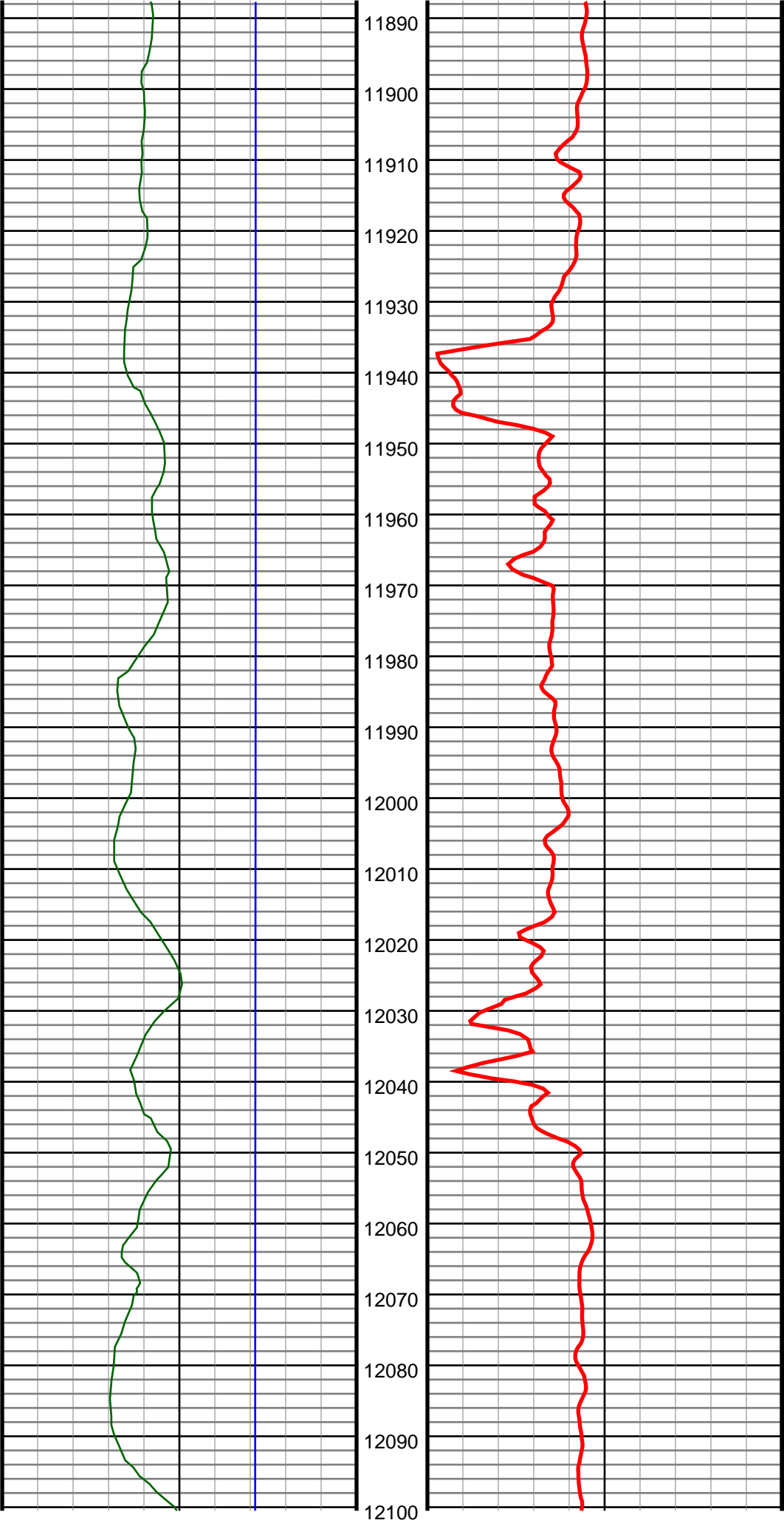
#134 MD(11598.00) Inc(90.8) Azm(270.5) TVD(6858.62)
VS(4773.61) NS(-98.73) EW(-4772.63) TEMP(0.0)



#135 MD(11692.00) Inc(91.1) Azm(270.2) TVD(6857.06)
VS(4867.58) NS(-98.16) EW(-4866.62) TEMP(0.0)

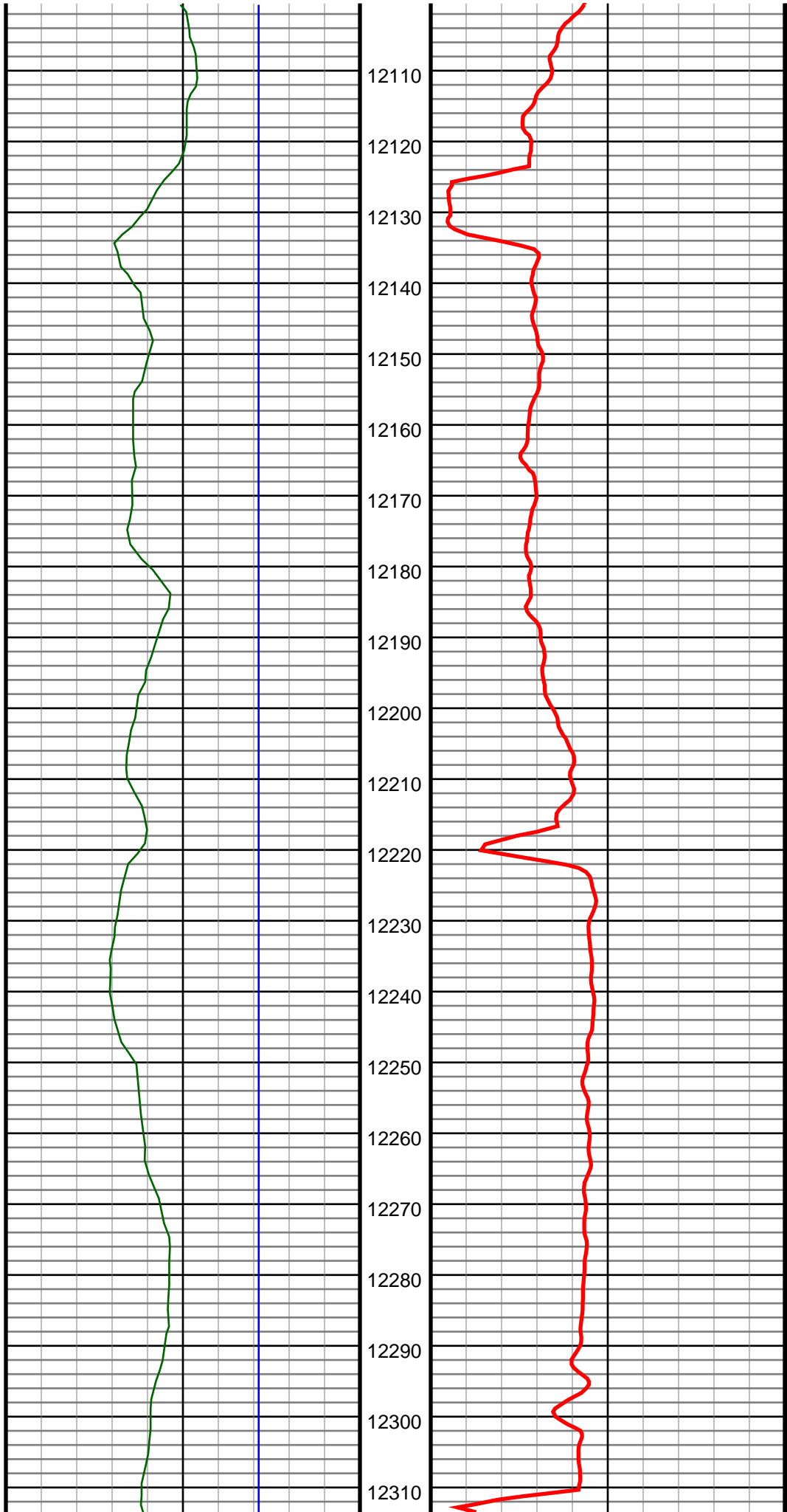
#136 MD(11787.00) Inc(89.3) Azm(270.9) TVD(6856.73)
VS(4962.54) NS(-97.25) EW(-4961.61) TEMP(0.0)

#137 MD(11880.00) Inc(88.9) Azm(269.3) TVD(6858.19)
VS(5055.51) NS(-97.08) EW(-5054.59) TEMP(0.0)



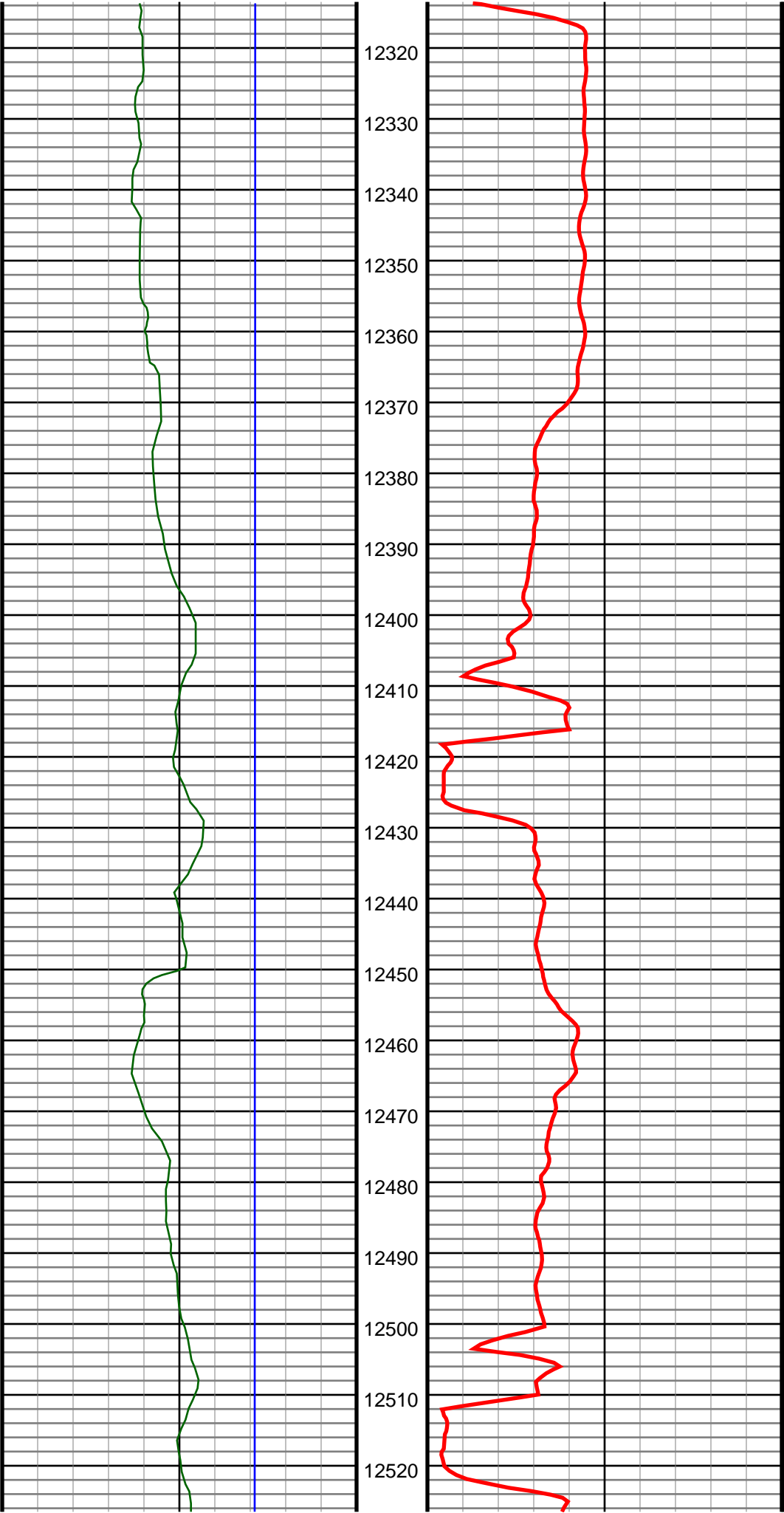
#138 MD(11975.00) Inc(90.9) Azm(269.1) TVD(6858.36)
VS(5150.50) NS(-98.41) EW(-5149.58) TEMP(0.0)

#139 MD(12069.00) Inc(91.0) Azm(269.0) TVD(6856.80)
VS(5244.49) NS(-99.97) EW(-5243.55) TEMP(0.0)



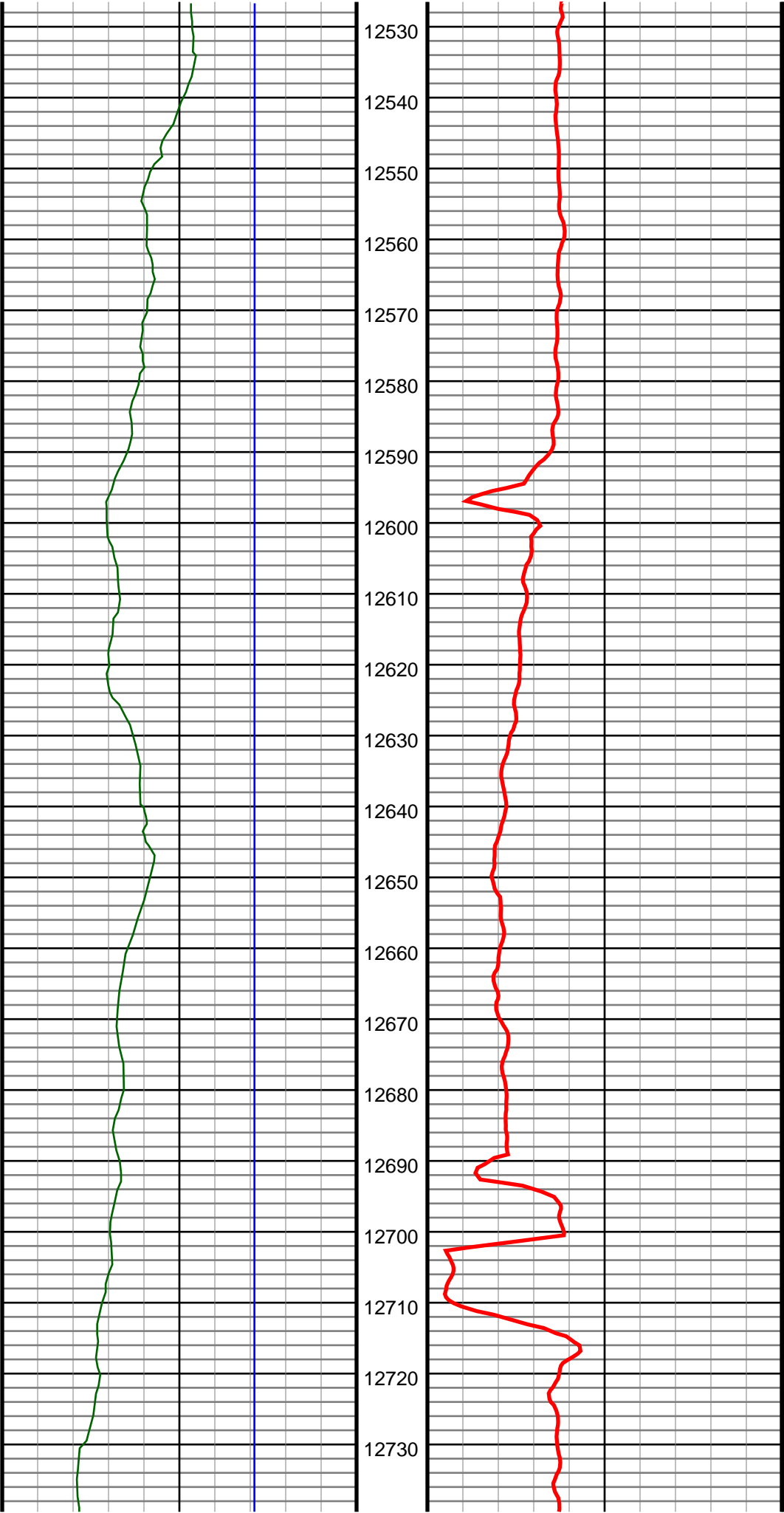
#140 MD(12163.00) Inc(89.5) Azm(269.1) TVD(6856.39)
VS(5338.49) NS(-101.53) EW(-5337.54) TEMP(0.0)

#141 MD(12258.00) Inc(89.8) Azm(269.1) TVD(6856.97)
VS(5433.48) NS(-103.02) EW(-5432.52) TEMP(0.0)



#142 MD(12352.00) Inc(90.5) Azm(269.1) TVD(6856.72)
VS(5527.48) NS(-104.50) EW(-5526.51) TEMP(0.0)

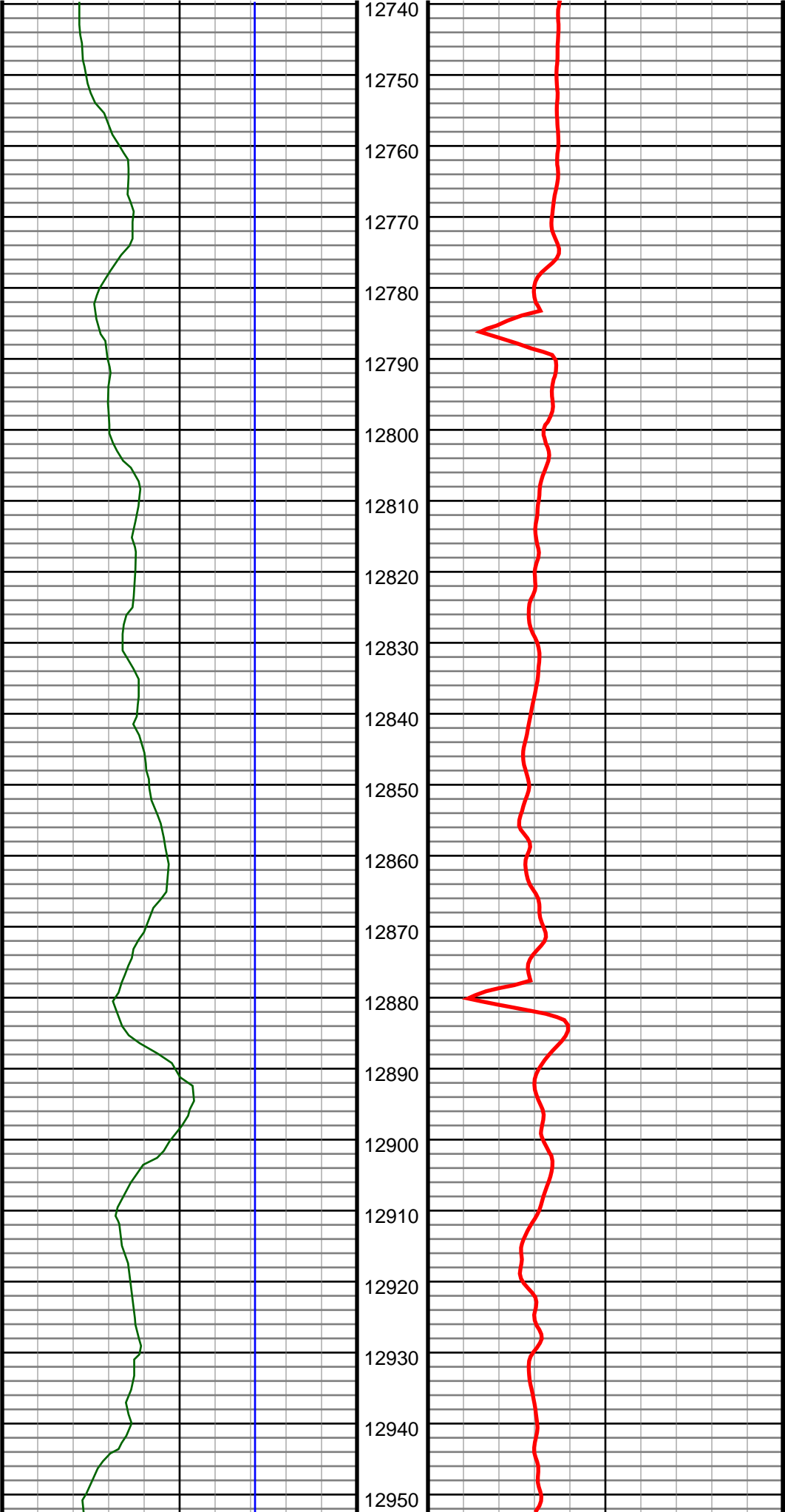
#143 MD(12446.00) Inc(90.9) Azm(270.2) TVD(6855.58)
VS(5621.47) NS(-105.07) EW(-5620.50) TEMP(0.0)



#144 MD(12541.00) Inc(90.0) Azm(270.4) TVD(6854.83)
VS(5716.44) NS(-104.57) EW(-5715.49) TEMP(0.0)

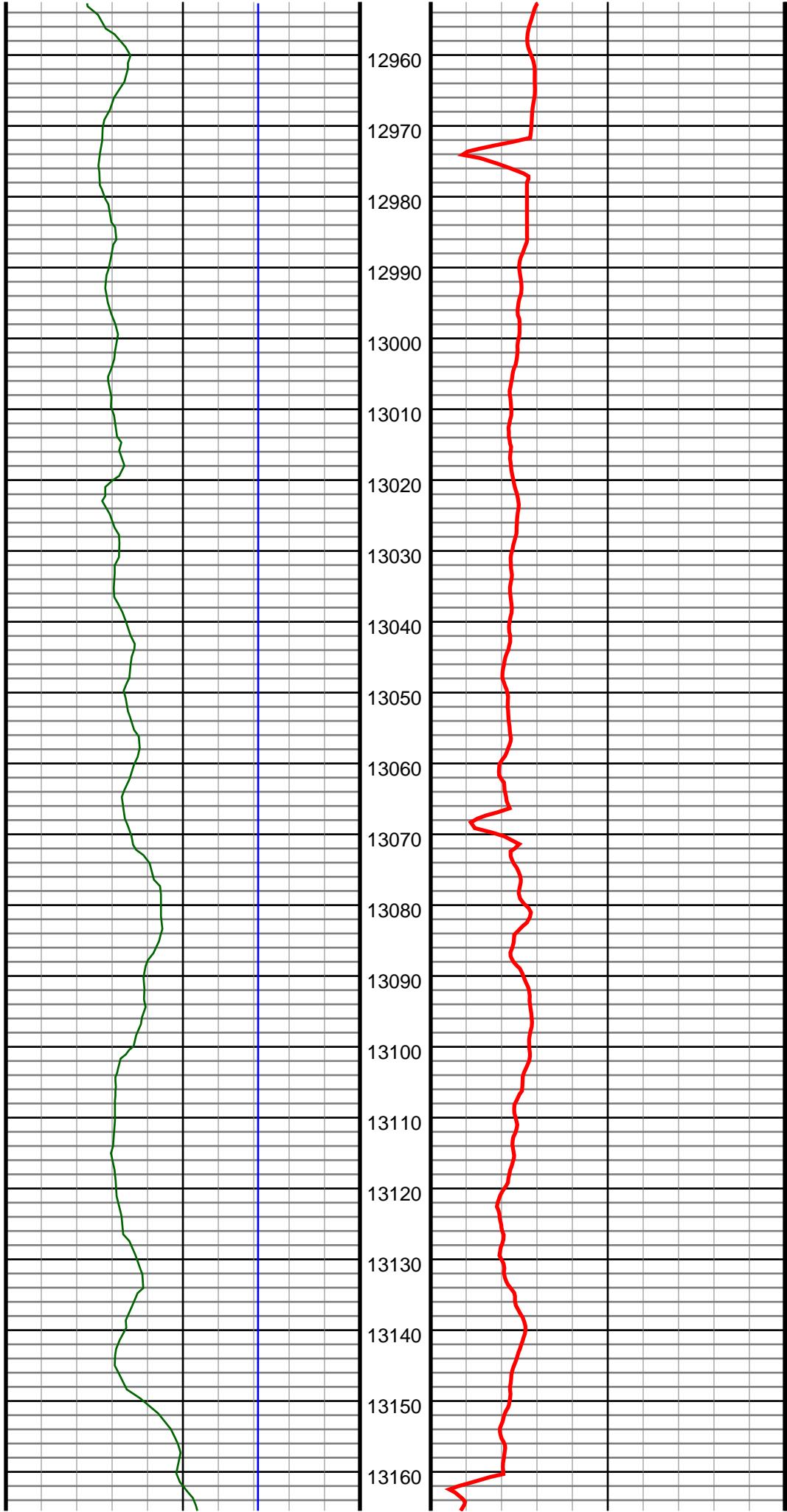
#145 MD(12636.00) Inc(90.6) Azm(269.7) TVD(6854.33)
VS(5811.43) NS(-104.49) EW(-5810.49) TEMP(0.0)

#146 MD(12730.00) Inc(89.8) Azm(269.5) TVD(6854.00)
VS(5905.42) NS(-105.15) EW(-5904.49) TEMP(0.0)



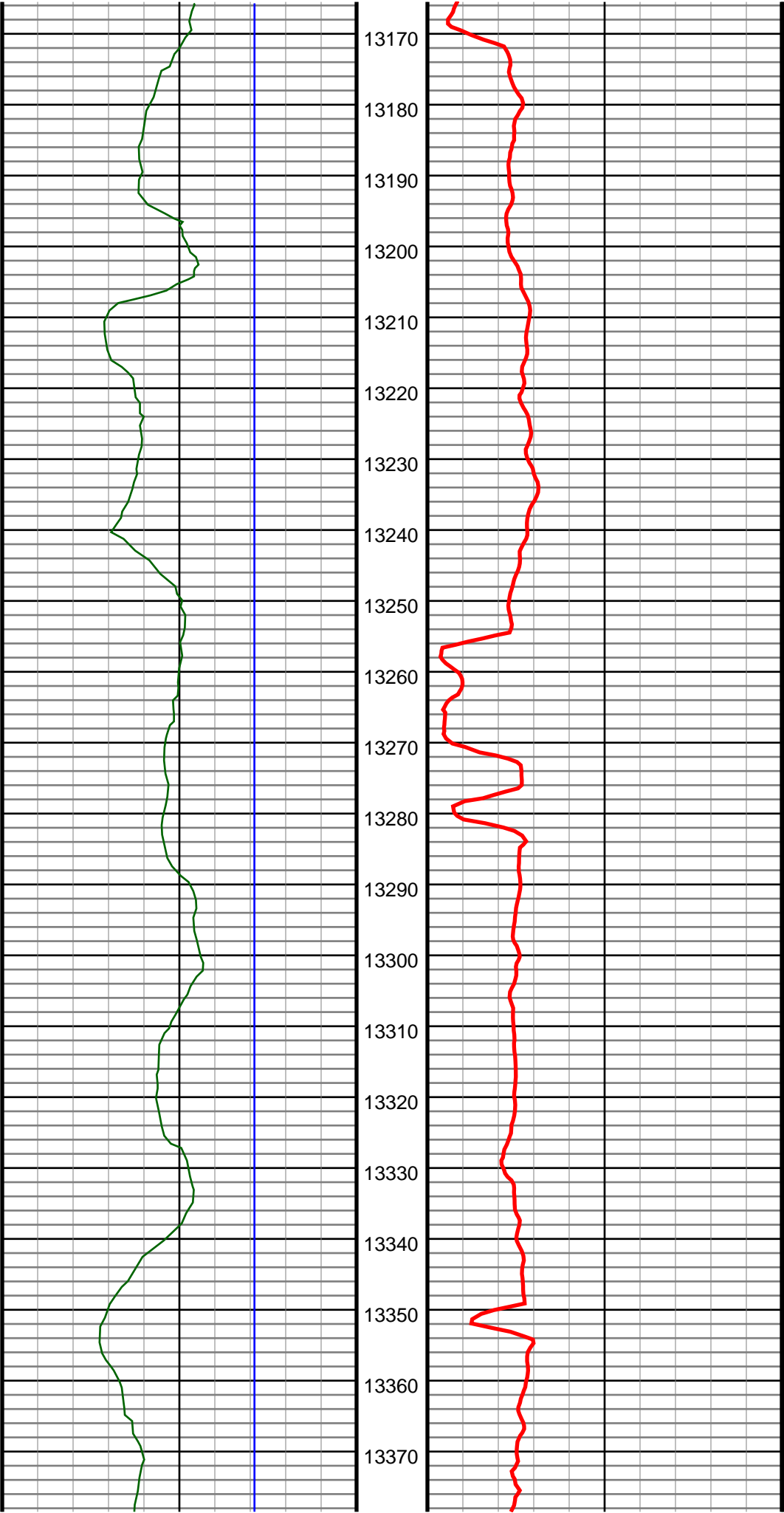
#147 MD(12824.00) Inc(89.7) Azm(269.5) TVD(6854.41)
VS(5999.42) NS(-105.97) EW(-5998.48) TEMP(0.0)

#148 MD(12918.00) Inc(89.6) Azm(269.5) TVD(6854.99)
VS(6093.41) NS(-106.79) EW(-6092.48) TEMP(0.0)



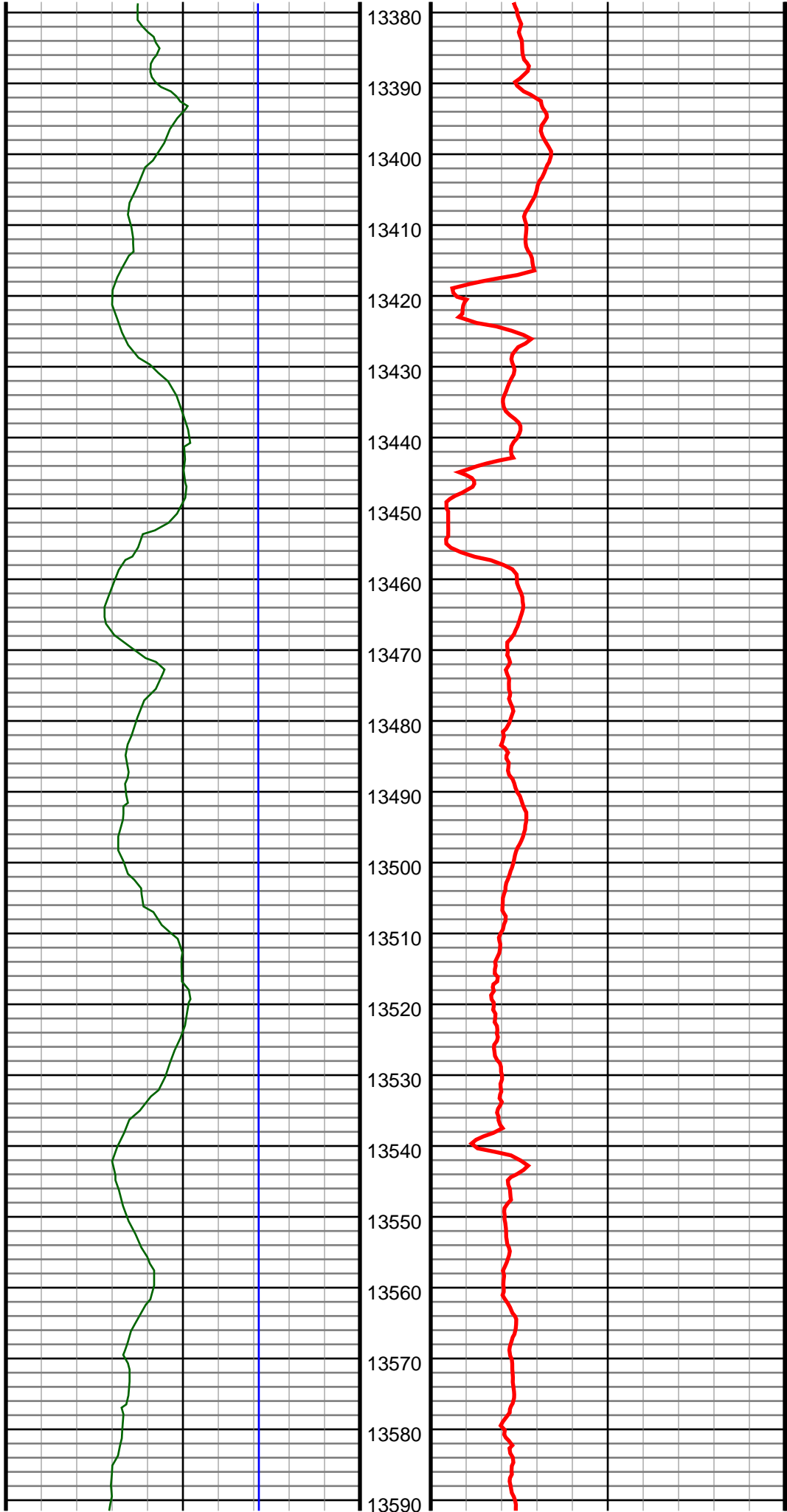
#149 MD(13013.00) Inc(90.0) Azm(269.1) TVD(6855.32)
VS(6188.41) NS(-107.95) EW(-6187.47) TEMP(0.0)

#150 MD(13107.00) Inc(90.5) Azm(269.5) TVD(6854.91)
VS(6282.41) NS(-109.10) EW(-6281.46) TEMP(0.0)



#151 MD(13202.00) Inc(90.5) Azm(269.1) TVD(6854.08)
VS(6377.40) NS(-110.26) EW(-6376.45) TEMP(0.0)

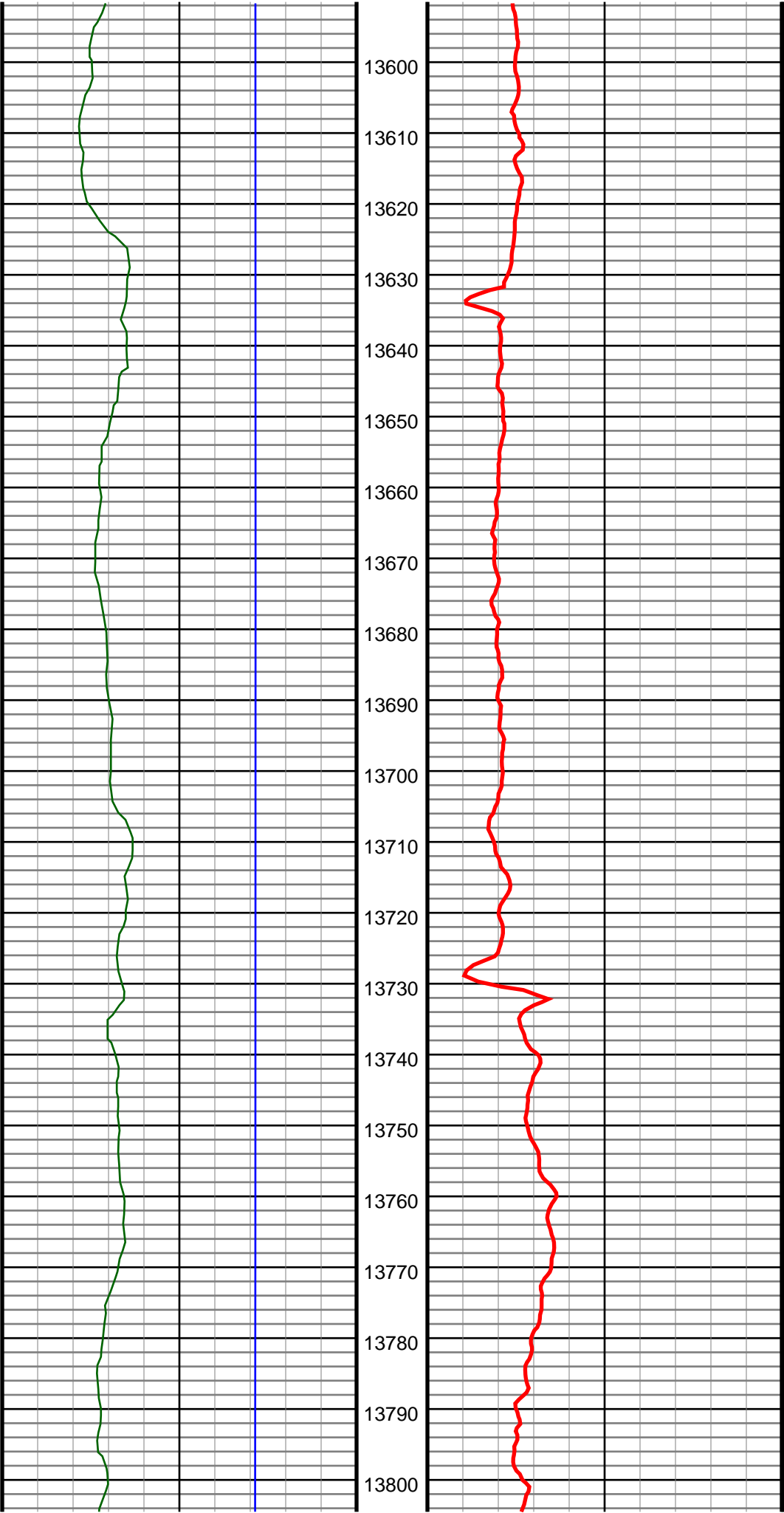
#152 MD(13297.00) Inc(89.6) Azm(269.8) TVD(6854.00)
VS(6472.40) NS(-111.17) EW(-6471.44) TEMP(0.0)



#153 MD(13391.00) Inc(90.0) Azm(269.5) TVD(6854.33)
VS(6566.39) NS(-111.74) EW(-6565.44) TEMP(0.0)

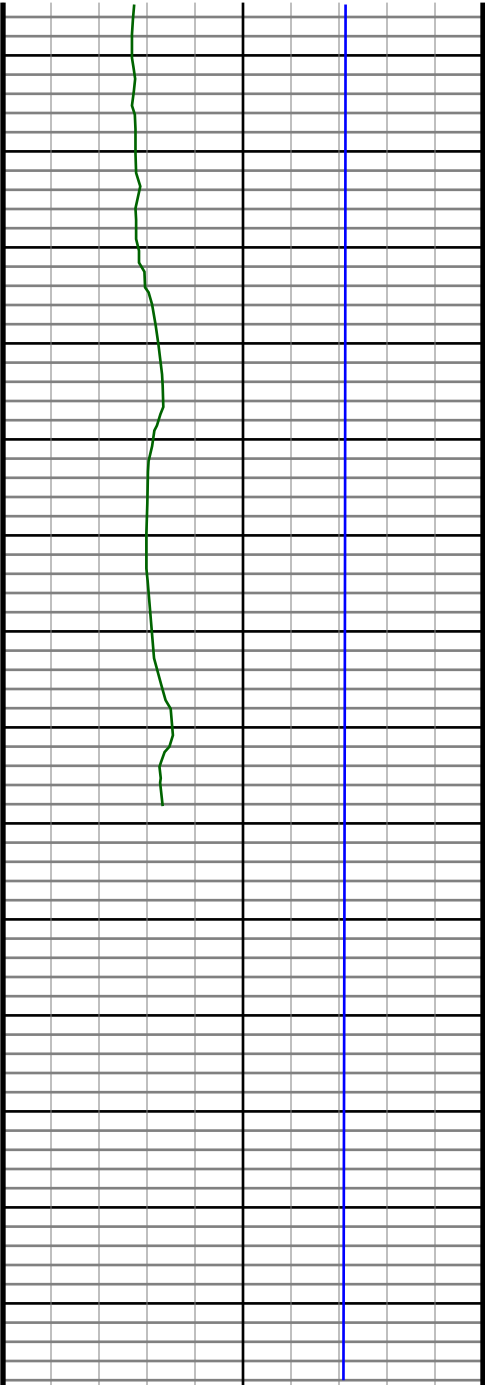
#154 MD(13485.00) Inc(88.5) Azm(268.8) TVD(6855.56)
VS(6660.38) NS(-113.14) EW(-6659.42) TEMP(0.0)

#155 MD(13580.00) Inc(89.3) Azm(268.4) TVD(6857.38)
VS(6755.36) NS(-115.46) EW(-6754.37) TEMP(0.0)

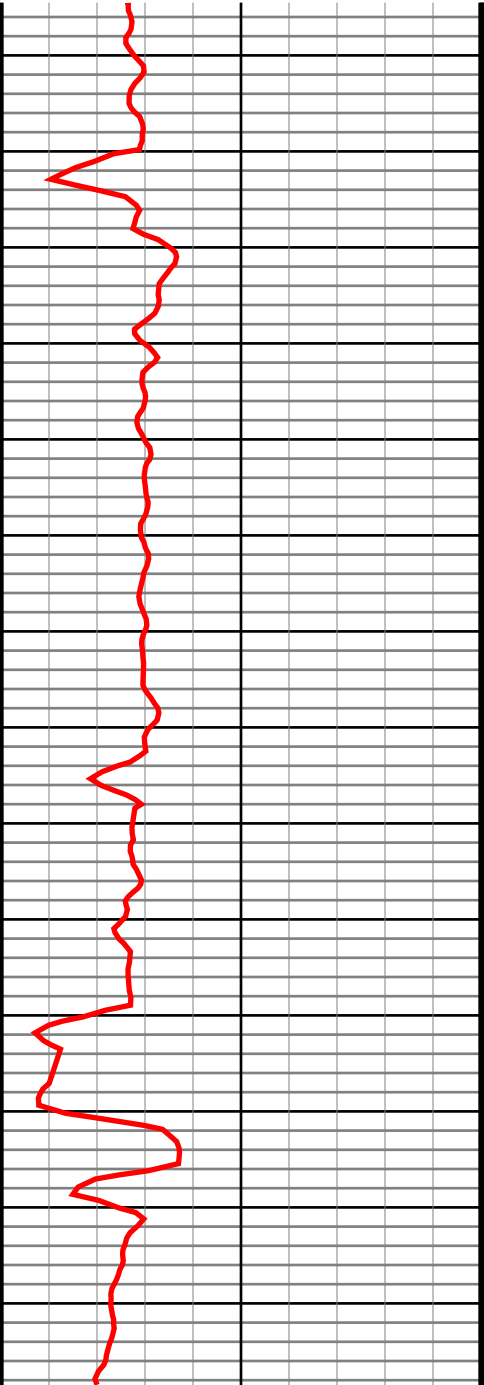


#156 MD(13674.00) Inc(90.0) Azm(268.8) TVD(6857.95)
VS(6849.35) NS(-117.75) EW(-6848.34) TEMP(0.0)

#157 MD(13768.00) Inc(90.8) Azm(269.0) TVD(6857.30)
VS(6943.35) NS(-119.56) EW(-6942.32) TEMP(0.0)



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#158 MD(13862.00) Inc(91.9) Azm(269.0) TVD(6855.08)
VS(7037.32) NS(-121.20) EW(-7036.28) TEMP(0.0)

#159 MD(13893.00) Inc(92.8) Azm(269.5) TVD(6853.81)
VS(7068.30) NS(-121.60) EW(-7067.25) TEMP(0.0)

