



MD
5":100'
ARELLANO N-10-9HN

Company: Bayswater Exploration & Production, LLC
Well Name: ARELLANO N-10-9HN
API: 05-123-41112-00
Rig Id: Frontier 8
State: CO
County/Parish: Weld
Country: United States
Survey Company: Ensign Directional Services
Job number: 207-F8-39
DIR. DRILLER DAY Kabel Skelton
DIR. DRILLER NIGHT Kody Wood
LWD/MWD DAYS Matt Brokaw
LWD/MWD NIGHTS Tyler Teague

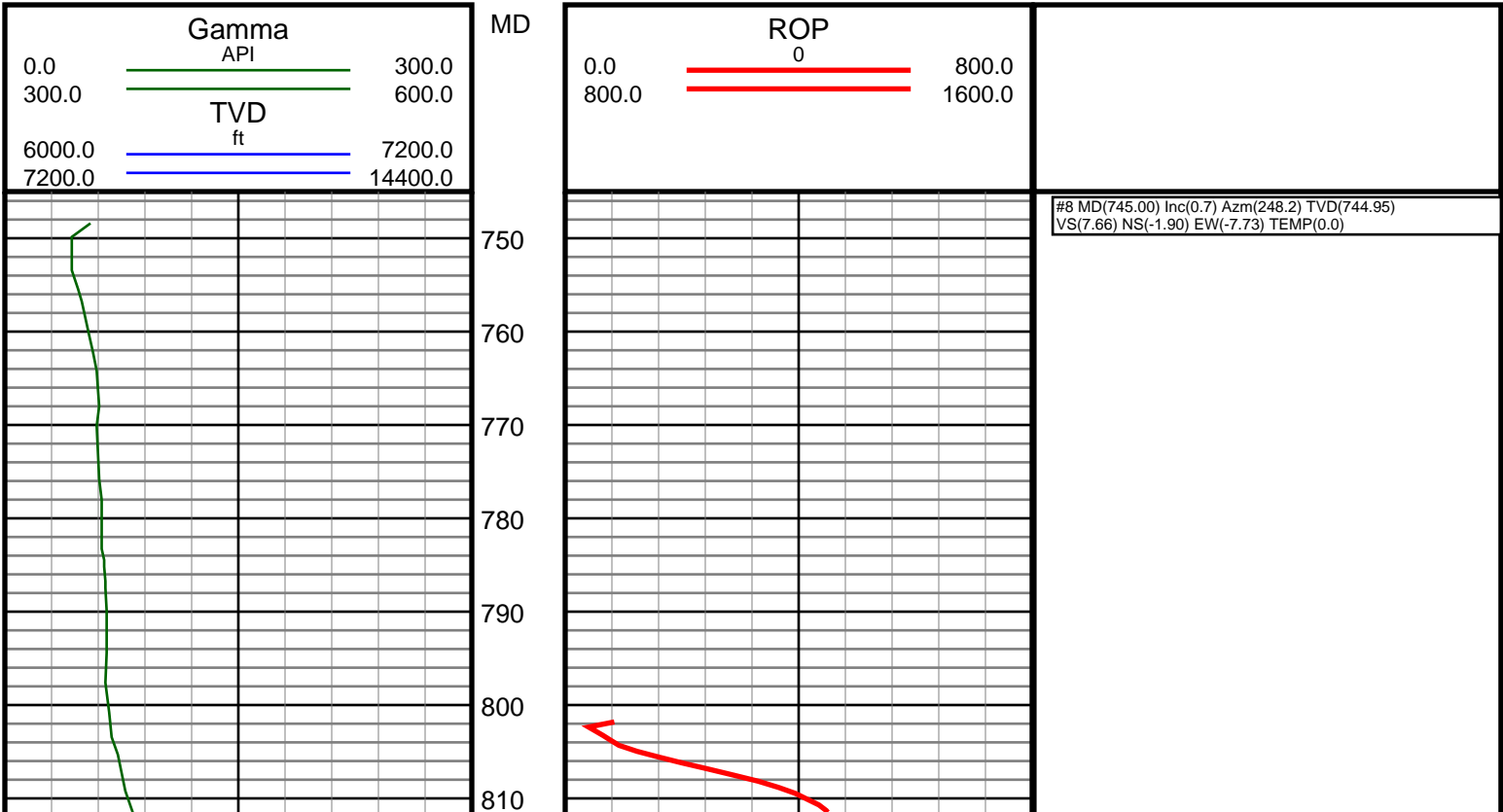
Log measurements: Gamma
Depth measured from: Rig Floor
Maximum temperature:

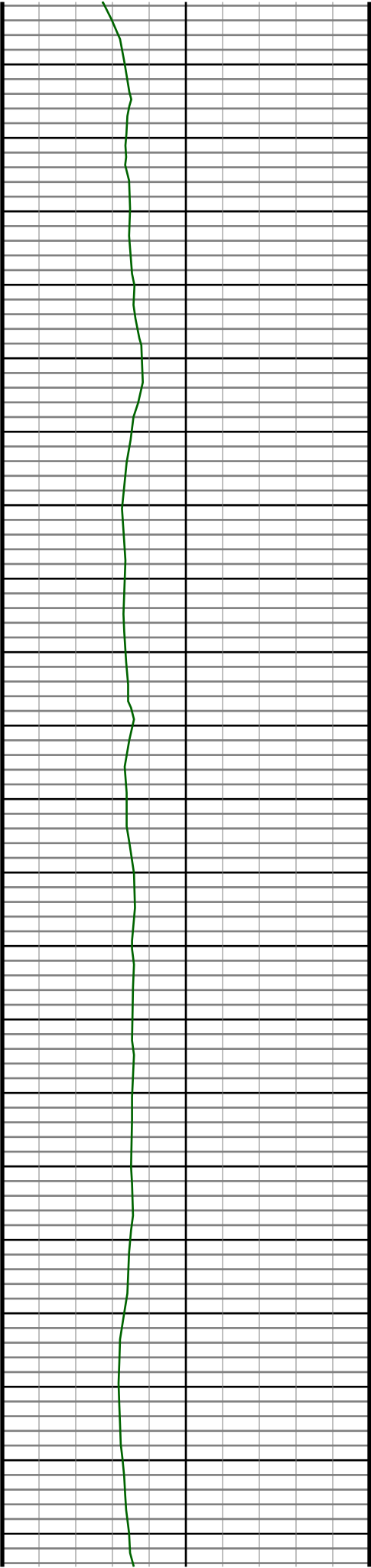
Depth Date
Start: 7312 ft 5/15/2015
End: 13944 ft 5/18/2015

Casing Depth Size	Mud Type:	Elevations
Surface: 791 9.625	Density:	KB: 4638.5
Intermediate: 7301 7	Viscosity:	GL: 4616
	Rm:	DF: 4638.5
	Rmf:	
	Rmc:	

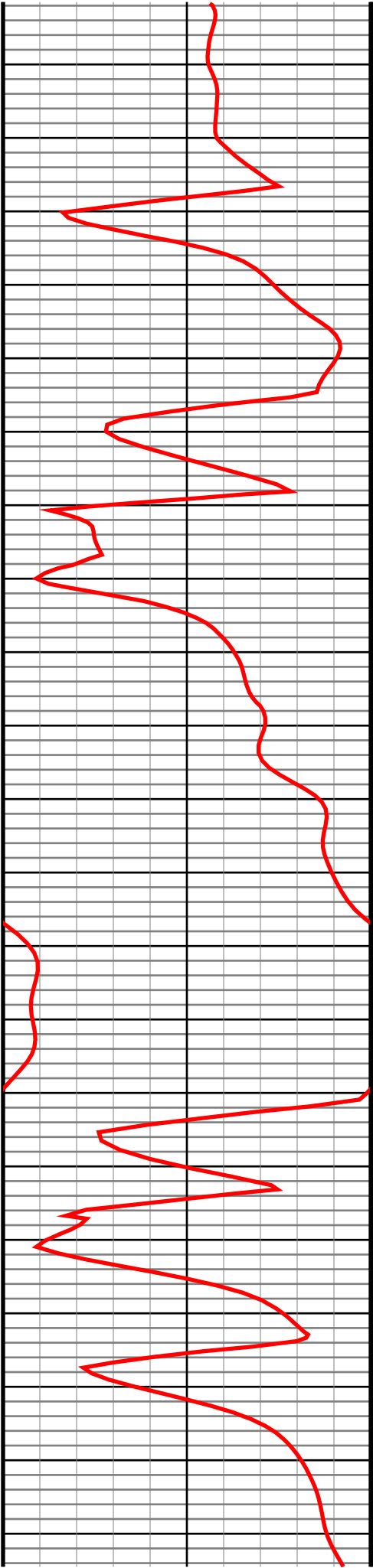
Run	Bit Size	Gamma	Offsets Survey	Start	End	Start	End
1	8.75	53.41	48.41	800	7312	4/21/2015	4/22/2015
2	6.125	59.85	54.85	7312	13944	5/15/2015	5/18/2015
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Ensign Directional Services uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.





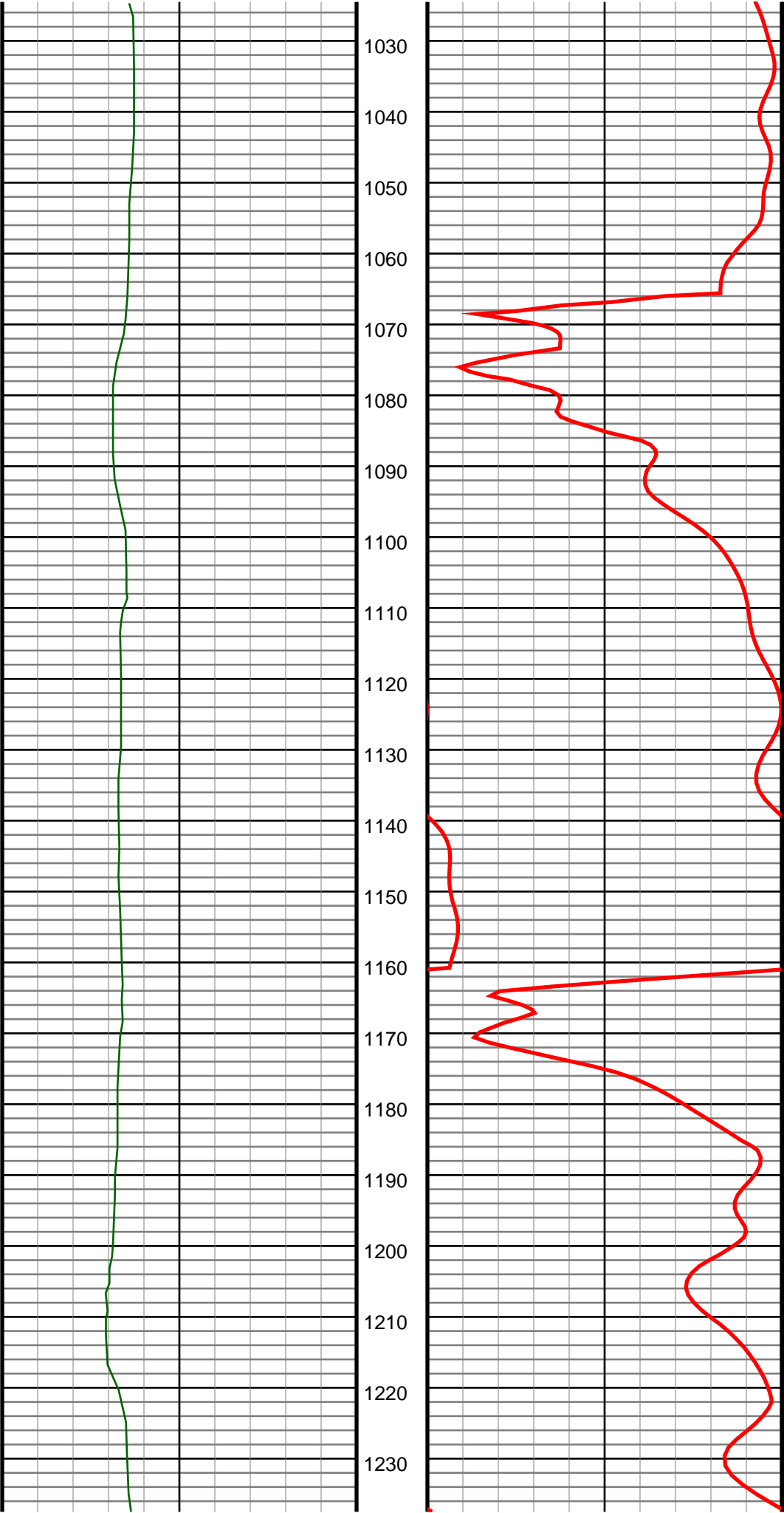
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#9 MD(829.00) Inc(0.7) Azm(248.9) TVD(828.95)
VS(8.60) NS(-2.27) EW(-8.68) TEMP(0.0)

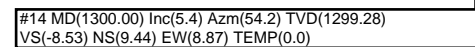
#10 MD(925.00) Inc(1.5) Azm(82.8) TVD(924.94)
VS(7.90) NS(-2.33) EW(-7.98) TEMP(0.0)

#11 MD(1020.00) Inc(2.9) Azm(75.6) TVD(1019.87)
VS(4.36) NS(-1.57) EW(-4.42) TEMP(0.0)

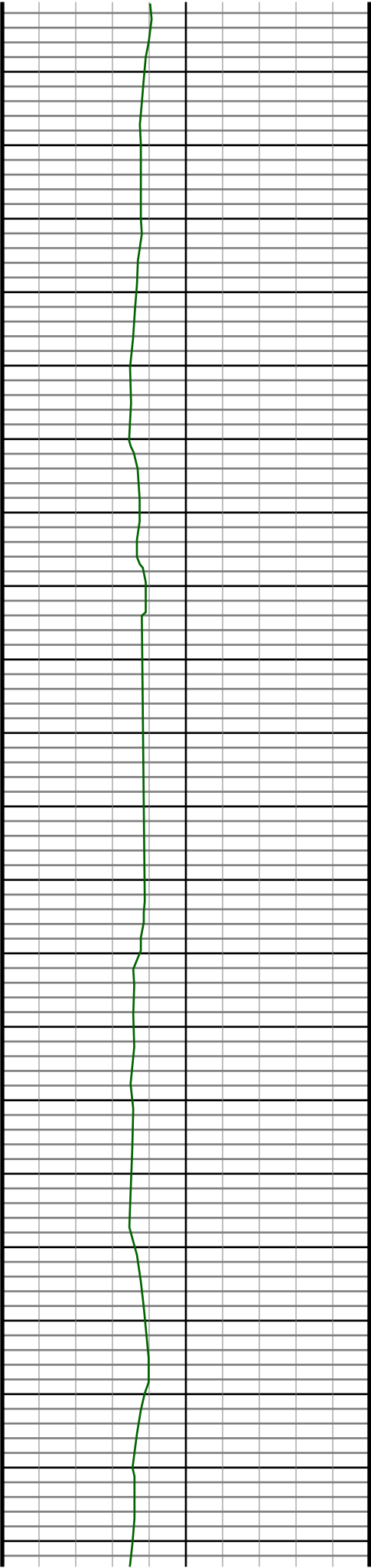


#12 MD(1115.00) Inc(2.5) Azm(48.0) TVD(1114.76)
VS(0.57) NS(0.41) EW(-0.55) TEMP(0.0)

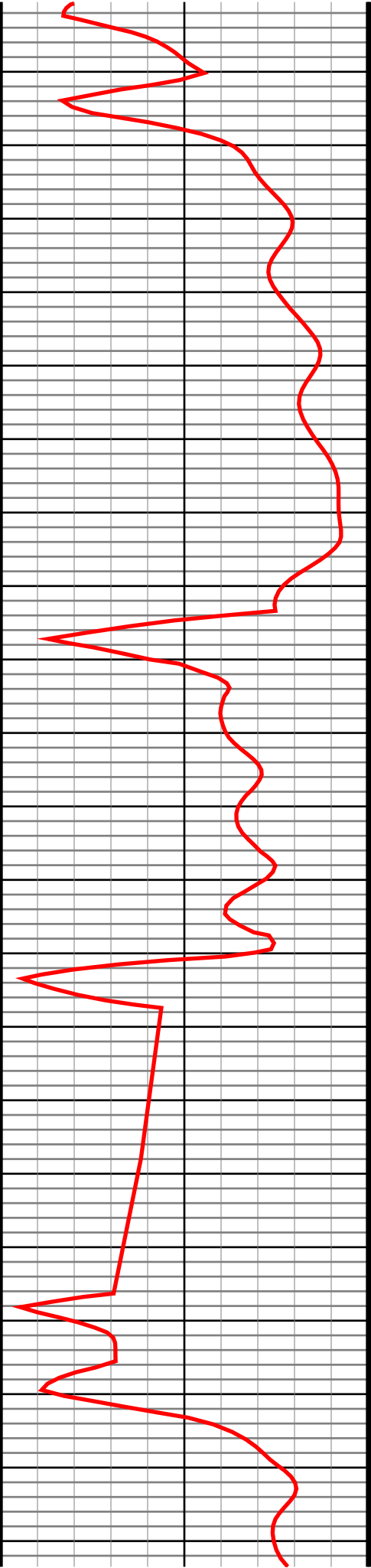
#13 MD(1208.00) Inc(4.2) Azm(40.6) TVD(1207.60)
VS(-3.01) NS(4.35) EW(3.17) TEMP(0.0)



#15 MD(1392.00) Inc(5.4) Azm(53.1) TVD(1390.87) VS(-15.32) NS(14.58) EW(15.85) TEMP(0.0)

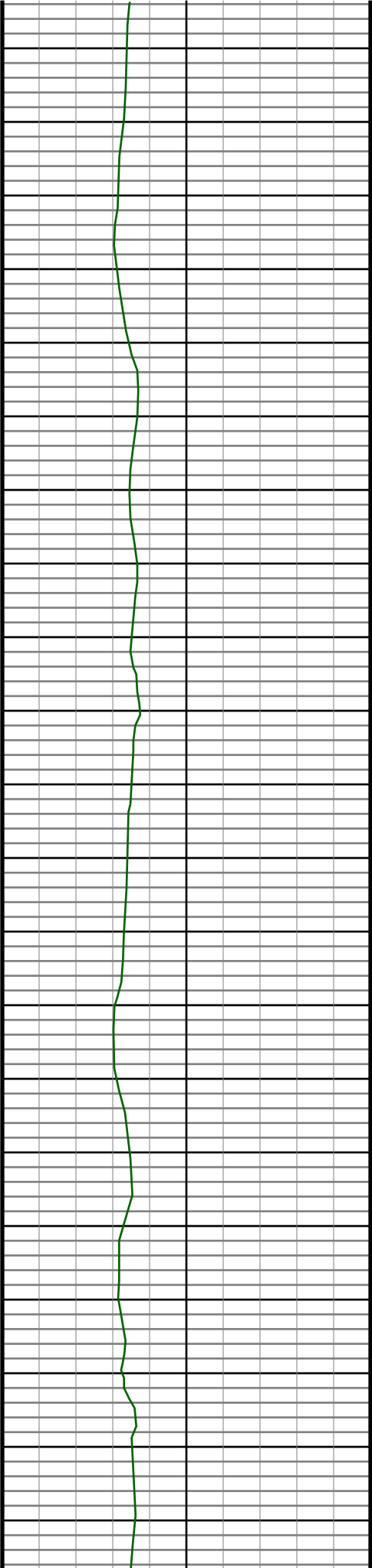


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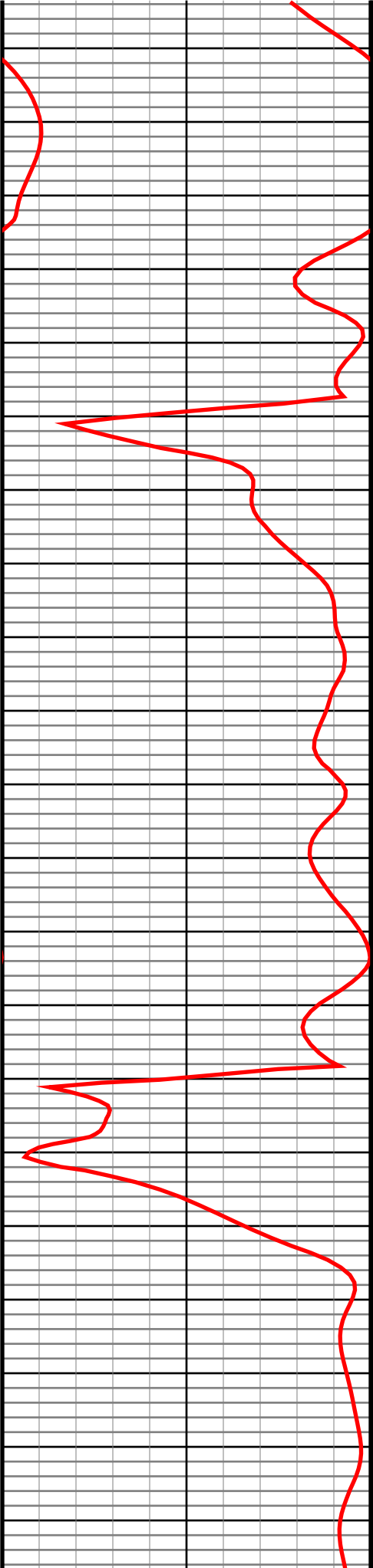


#16 MD(1484.00) Inc(4.4) Azm(46.8) TVD(1482.54)
VS(-21.17) NS(19.59) EW(21.88) TEMP(0.0)

#17 MD(1576.00) Inc(3.7) Azm(36.4) TVD(1574.31)
VS(-25.33) NS(24.40) EW(26.22) TEMP(0.0)



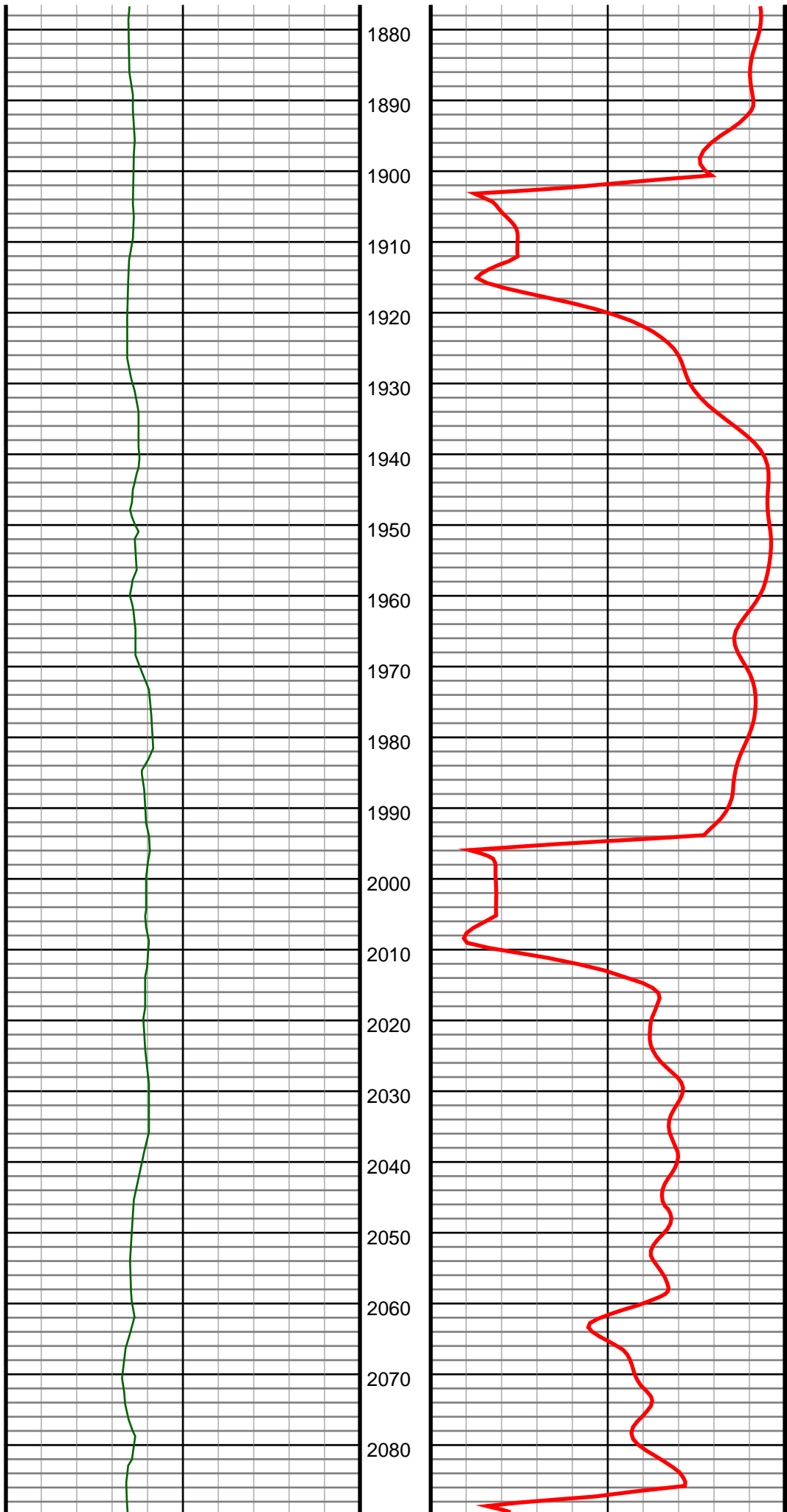
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#18 MD(1668.00) Inc(4.9) Azm(49.2) TVD(1666.05)
VS(-29.89) NS(29.35) EW(30.95) TEMP(0.0)

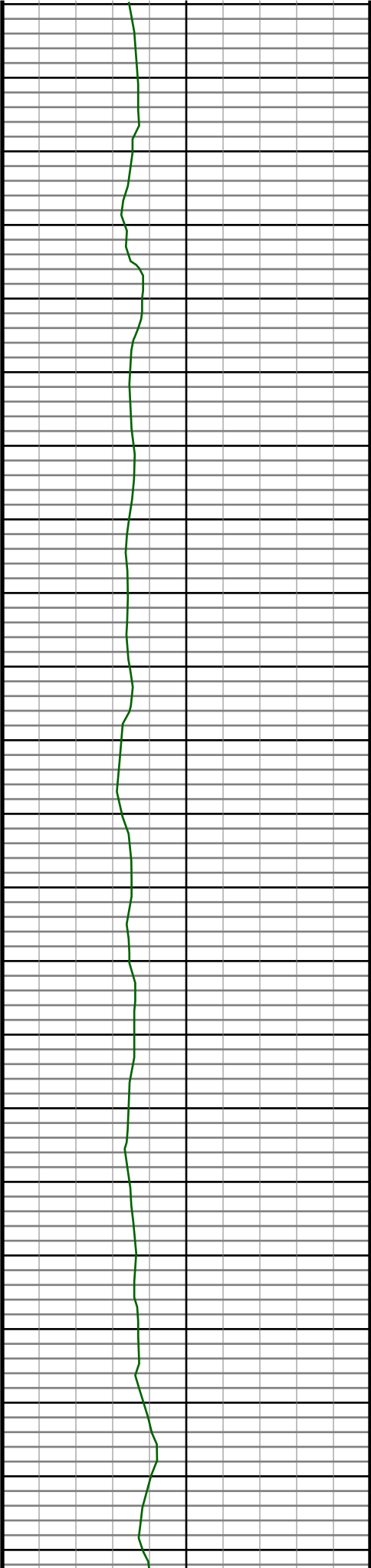
#19 MD(1760.00) Inc(3.8) Azm(36.2) TVD(1757.78)
VS(-34.49) NS(34.38) EW(35.73) TEMP(0.0)

#20 MD(1852.00) Inc(4.5) Azm(32.5) TVD(1849.54)
VS(-38.03) NS(39.89) EW(39.47) TEMP(0.0)

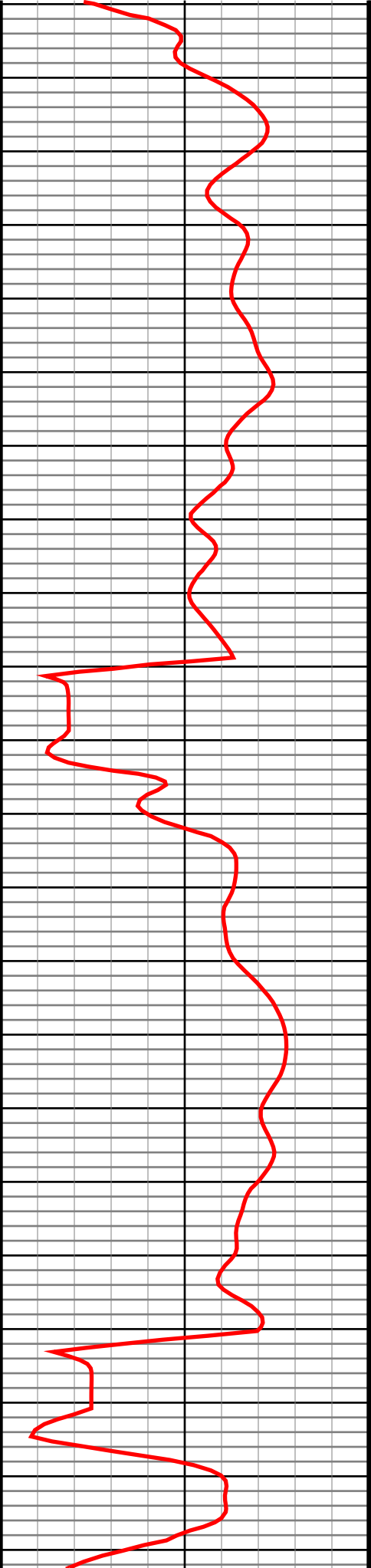


#21 MD(1944.00) Inc(5.3) Azm(33.9) TVD(1941.20)
VS(-42.10) NS(46.46) EW(43.78) TEMP(0.0)

#22 MD(2036.00) Inc(6.2) Azm(41.9) TVD(2032.74)
VS(-47.53) NS(53.68) EW(49.46) TEMP(0.0)

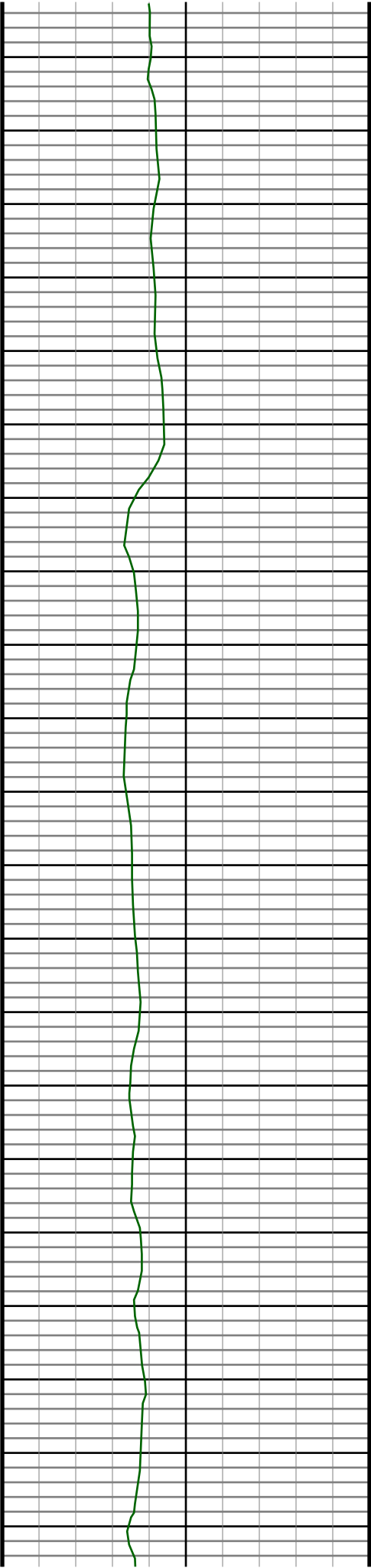


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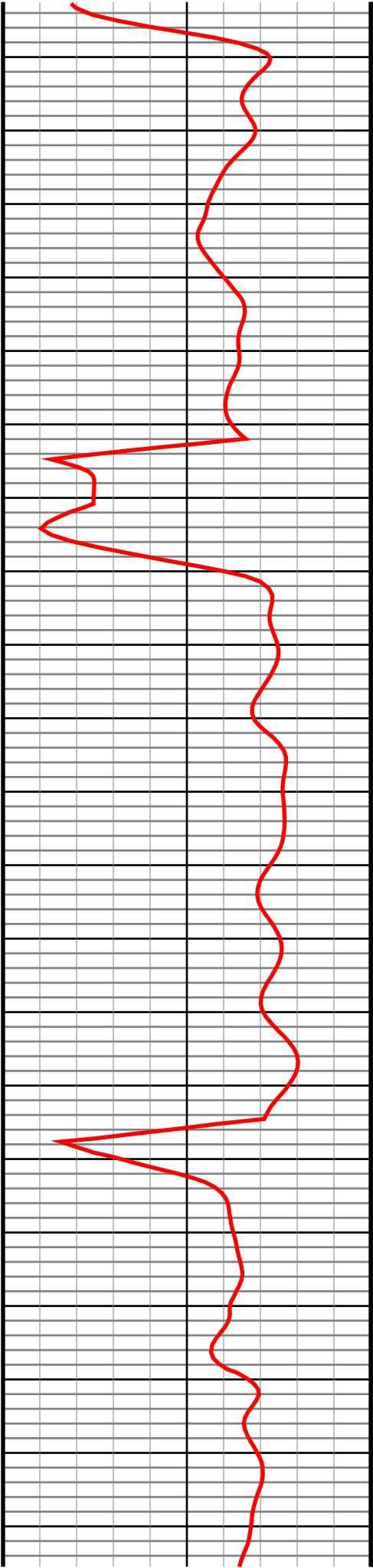


#23 MD(2128.00) Inc(5.9) Azm(36.6) TVD(2124.23)
VS(-53.40) NS(61.17) EW(55.60) TEMP(0.0)

#24 MD(2221.00) Inc(6.5) Azm(37.3) TVD(2216.69)
VS(-59.15) NS(69.20) EW(61.64) TEMP(0.0)



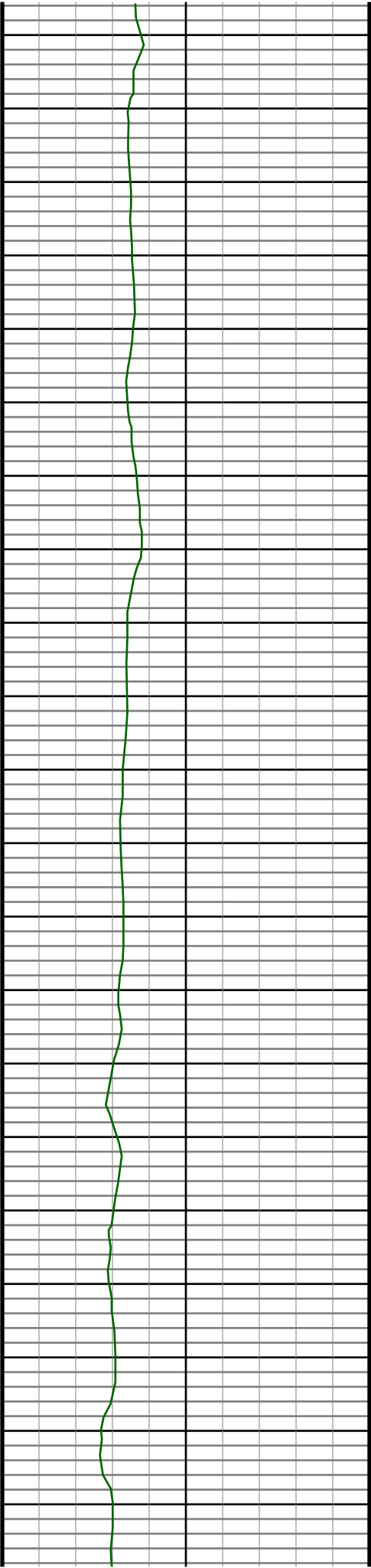
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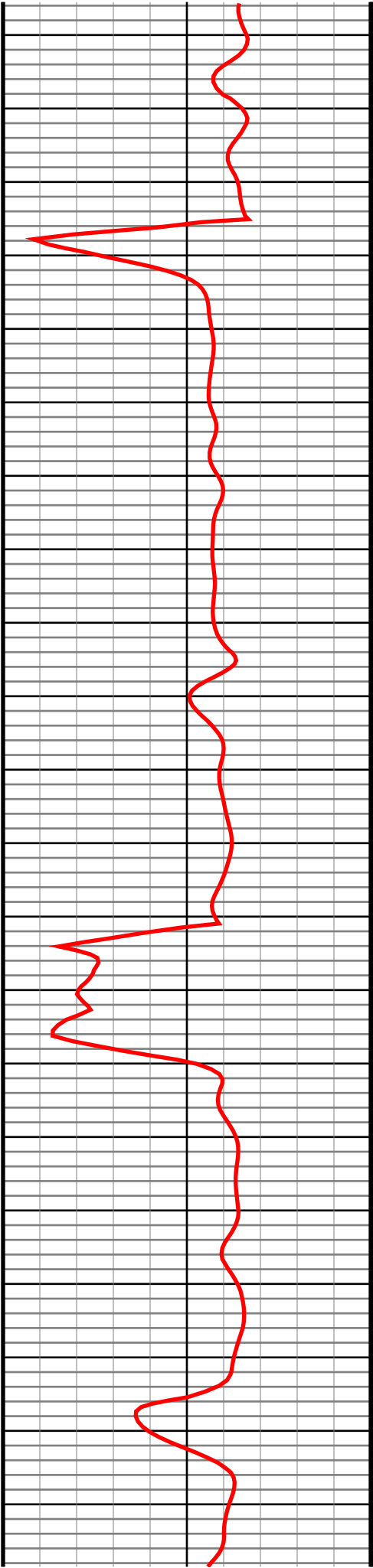
#25 MD(2313.00) Inc(6.9) Azm(42.7) TVD(2308.06)
VS(-65.76) NS(77.40) EW(68.54) TEMP(0.0)

#26 MD(2405.00) Inc(8.0) Azm(46.1) TVD(2399.28)
VS(-73.81) NS(85.90) EW(76.90) TEMP(0.0)

#27 MD(2497.00) Inc(7.3) Azm(37.8) TVD(2490.46)
VS(-81.68) NS(94.96) EW(85.10) TEMP(0.0)

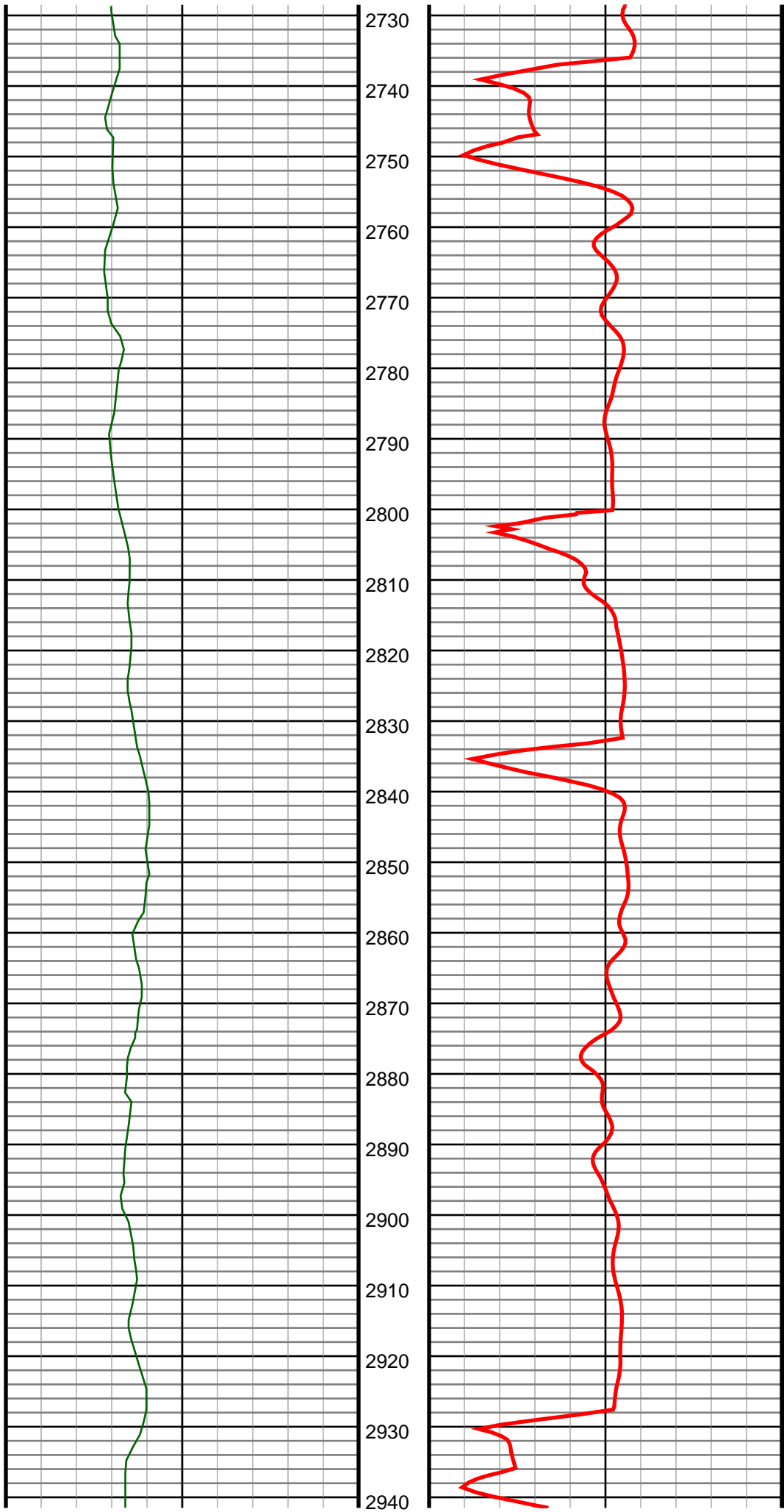


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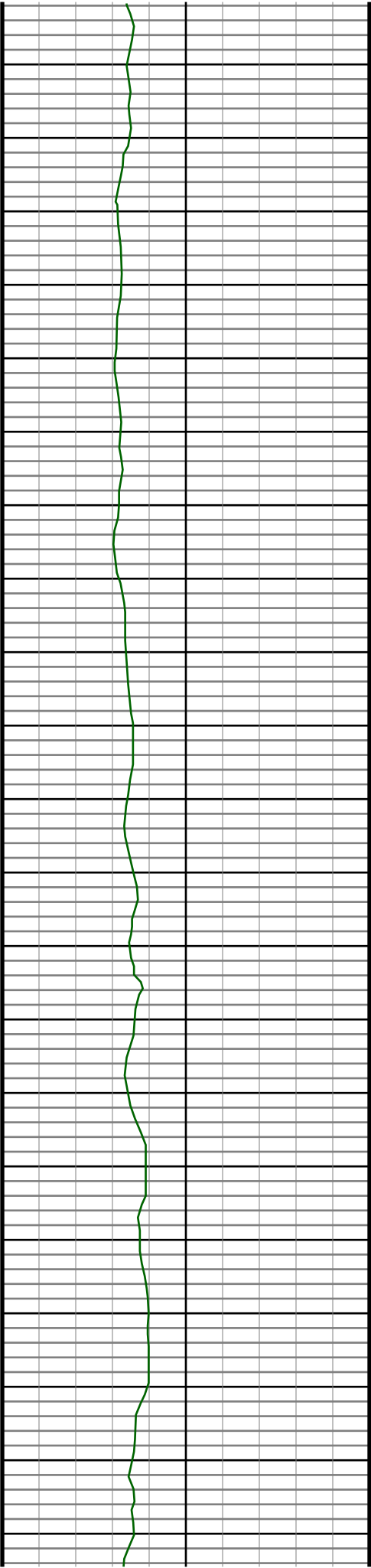
#28 MD(2592.00) Inc(6.6) Azm(30.1) TVD(2584.77)
VS(-87.78) NS(104.45) EW(91.54) TEMP(0.0)

#29 MD(2687.00) Inc(8.4) Azm(34.1) TVD(2678.95)
VS(-94.03) NS(114.92) EW(98.17) TEMP(0.0)

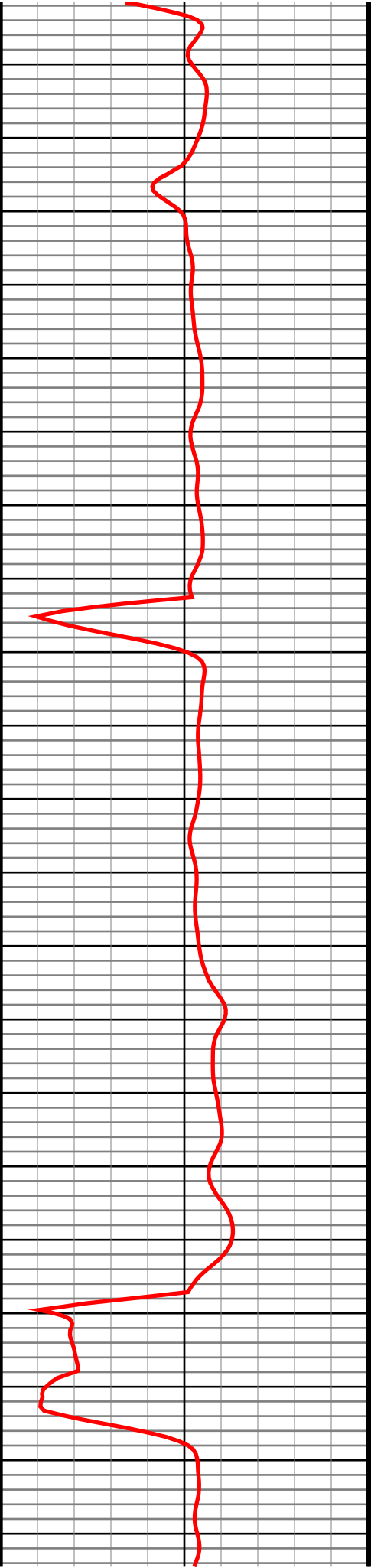


#30 MD(2783.00) Inc(8.7) Azm(44.5) TVD(2773.89)
VS(-102.66) NS(125.91) EW(107.19) TEMP(0.0)

#31 MD(2878.00) Inc(8.0) Azm(39.4) TVD(2867.88)
VS(-111.52) NS(136.14) EW(116.42) TEMP(0.0)

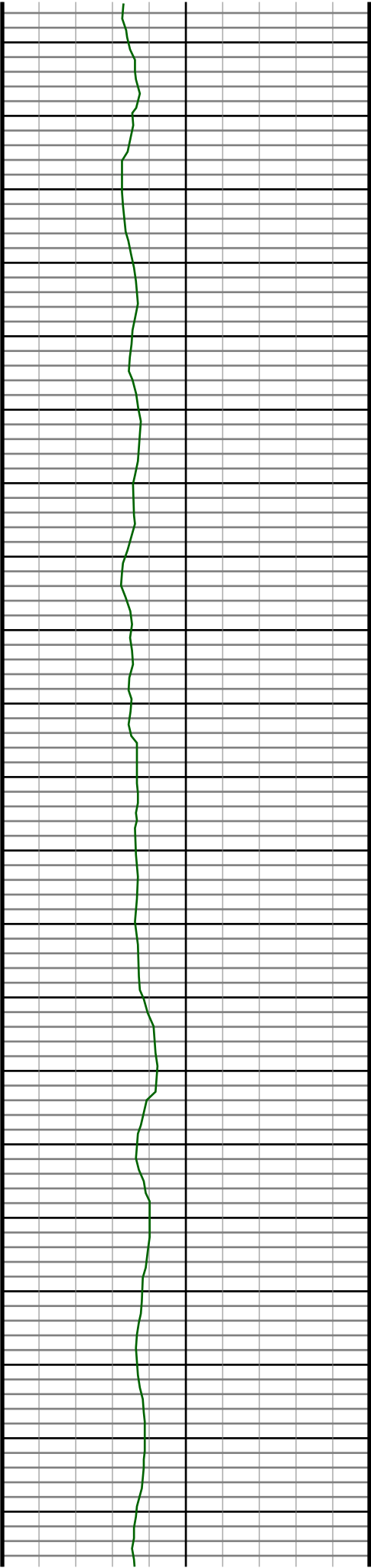


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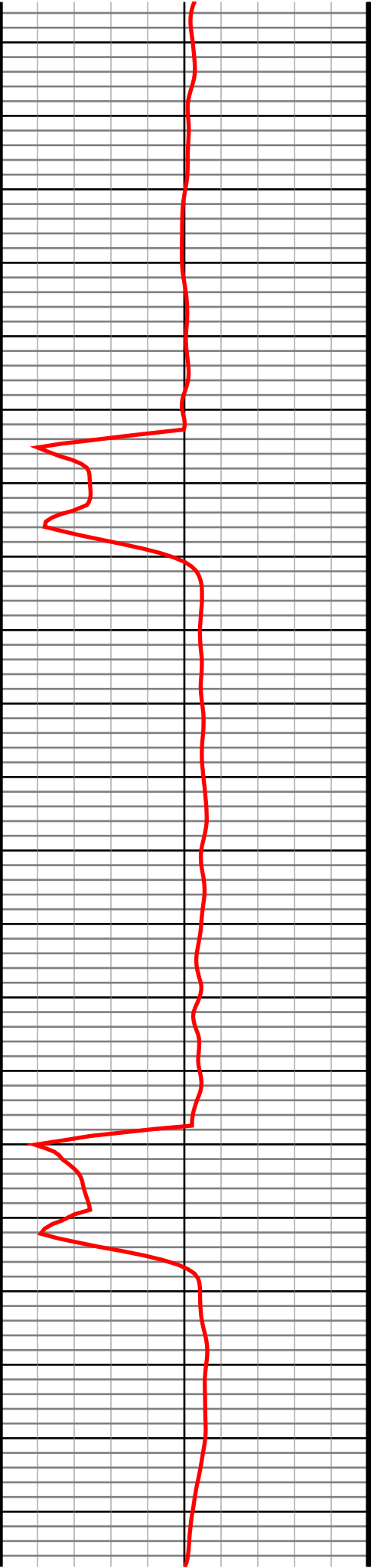


#32 MD(2973.00) Inc(7.5) Azm(46.4) TVD(2962.02)
VS(-119.87) NS(145.53) EW(125.11) TEMP(0.0)

#33 MD(3068.00) Inc(6.0) Azm(51.2) TVD(3056.36)
VS(-127.97) NS(152.92) EW(133.47) TEMP(0.0)



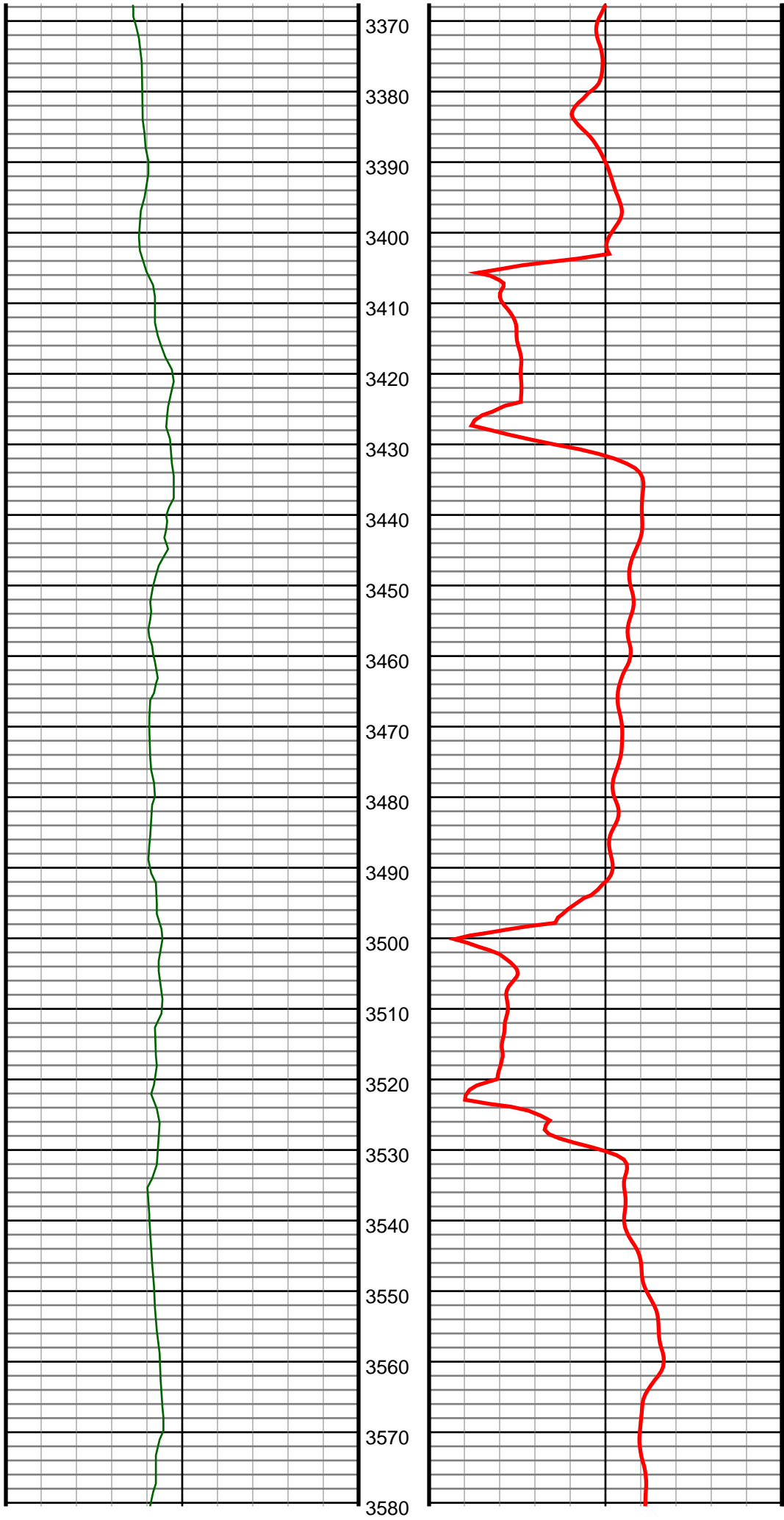
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#34 MD(3163.00) Inc(6.2) Azm(37.3) TVD(3150.83)
VS(-134.68) NS(160.11) EW(140.44) TEMP(0.0)

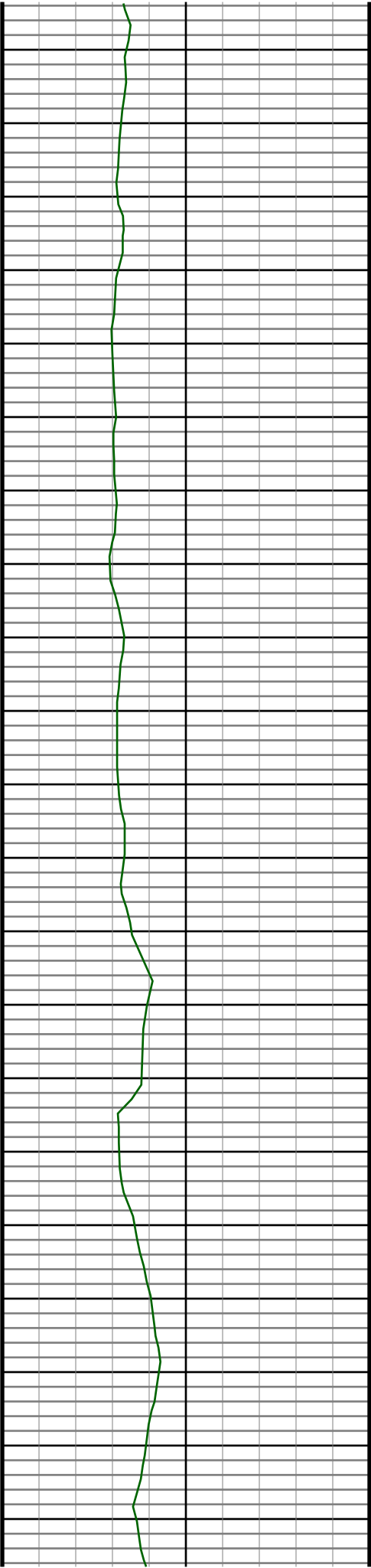
#35 MD(3258.00) Inc(5.8) Azm(42.6) TVD(3245.31)
VS(-140.77) NS(167.72) EW(146.80) TEMP(0.0)

#36 MD(3354.00) Inc(5.1) Azm(34.6) TVD(3340.87)
VS(-146.22) NS(174.80) EW(152.51) TEMP(0.0)



#37 MD(3449.00) Inc(5.6) Azm(35.5) TVD(3435.46)
VS(-151.05) NS(182.05) EW(157.60) TEMP(0.0)

#38 MD(3544.00) Inc(6.9) Azm(45.7) TVD(3529.89)
VS(-157.55) NS(189.81) EW(164.37) TEMP(0.0)



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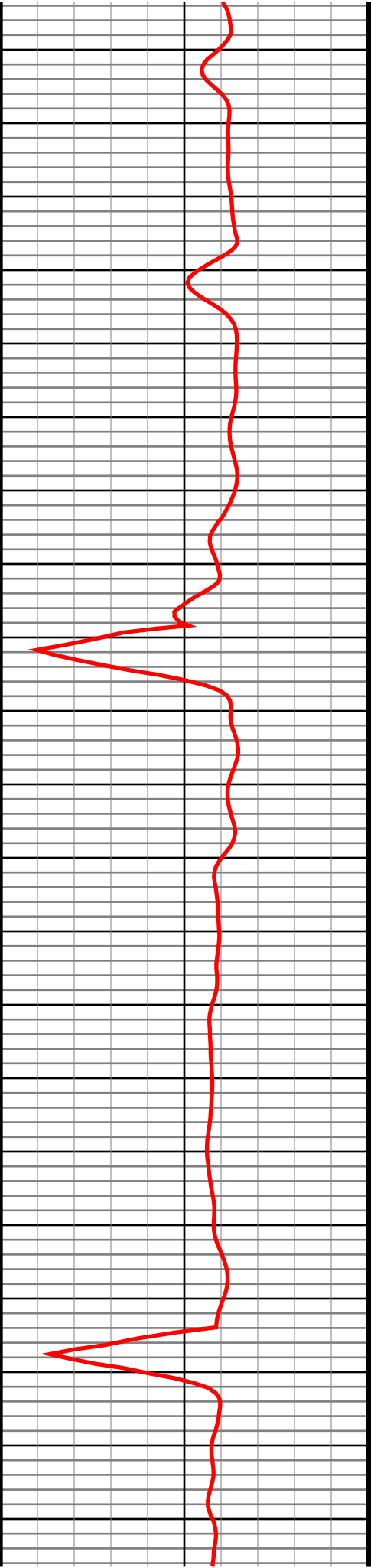
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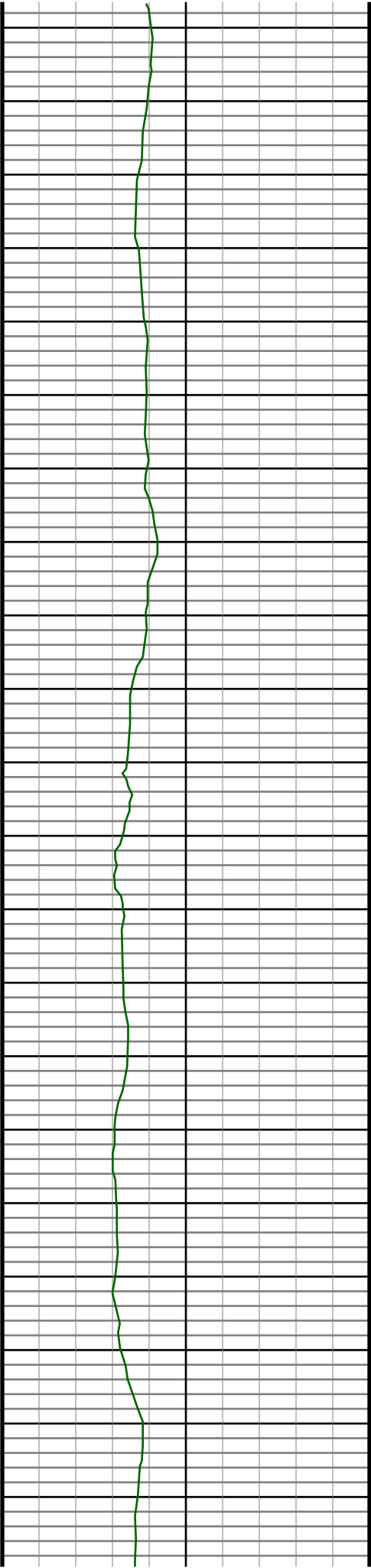
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#41 MD(3829.00) Inc(8.6) Azm(45.2) TVD(3812.45)
VS(-182.85) NS(215.83) EW(190.61) TEMP(0.0)

#42 MD(3925.00) Inc(8.6) Azm(45.2) TVD(3907.37)
VS(-192.67) NS(225.94) EW(200.80) TEMP(0.0)



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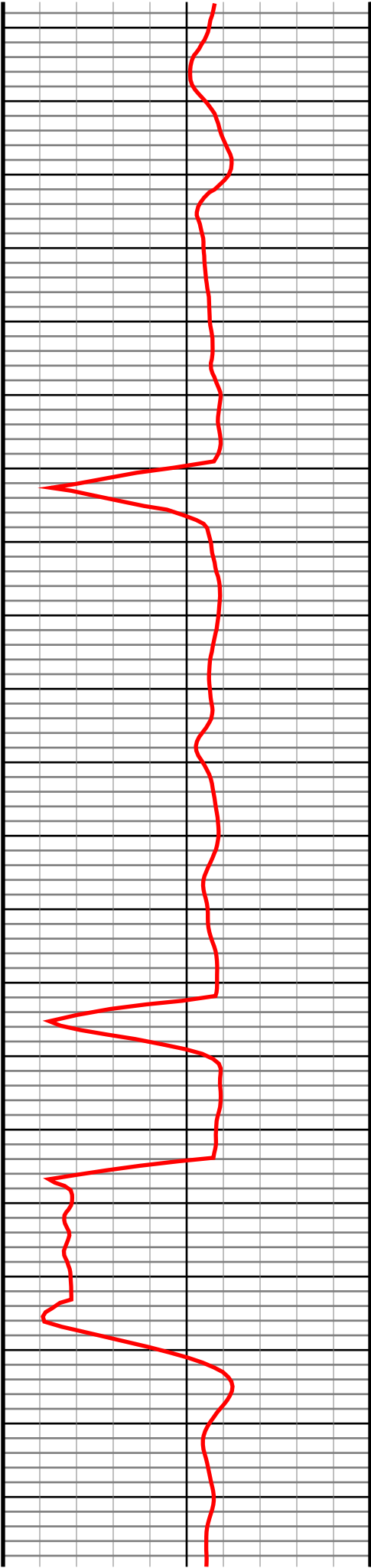
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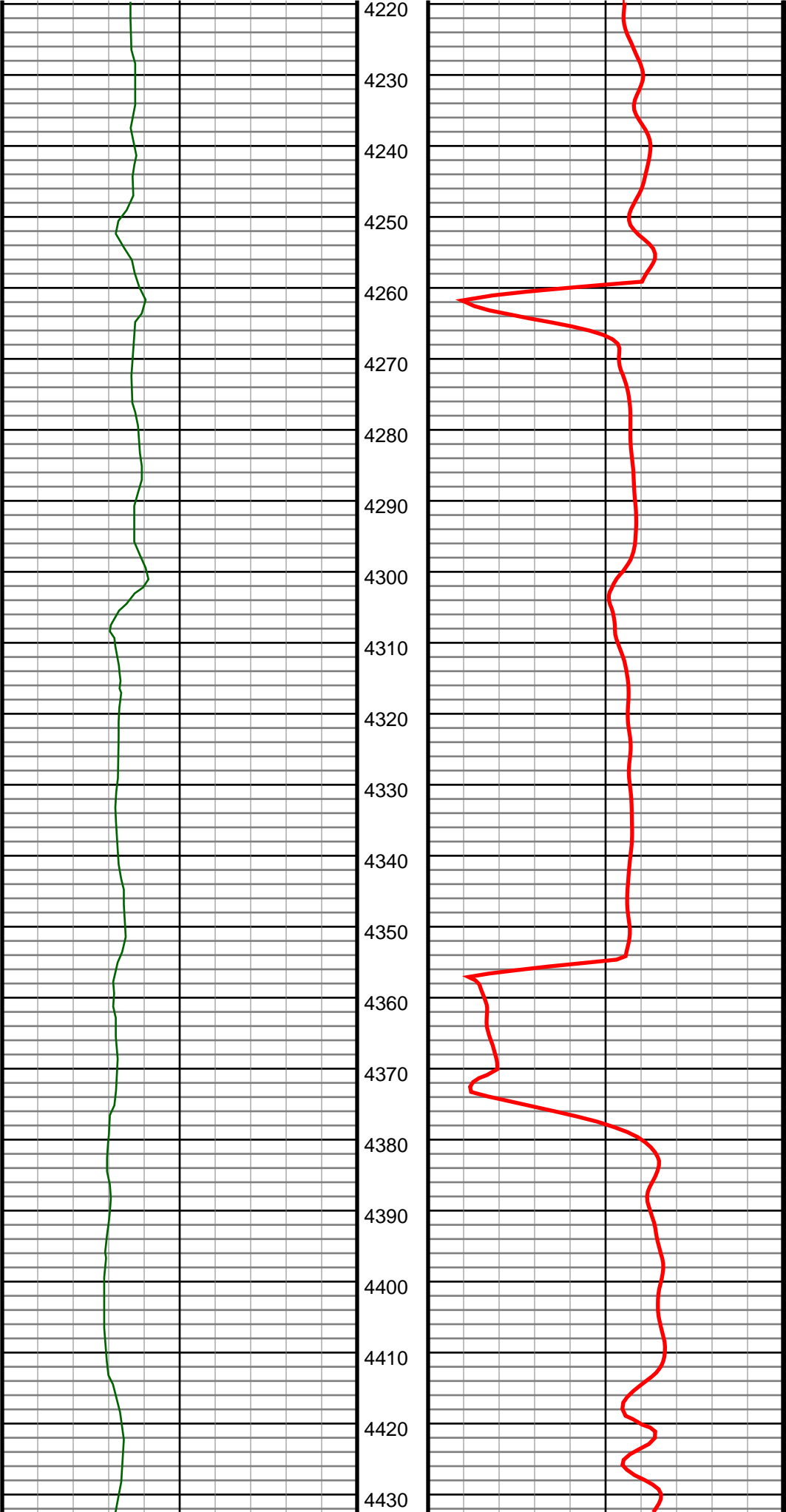
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#43 MD(4020.00) Inc(6.7) Azm(42.2) TVD(4001.52)
VS(-201.10) NS(235.05) EW(209.56) TEMP(0.0)

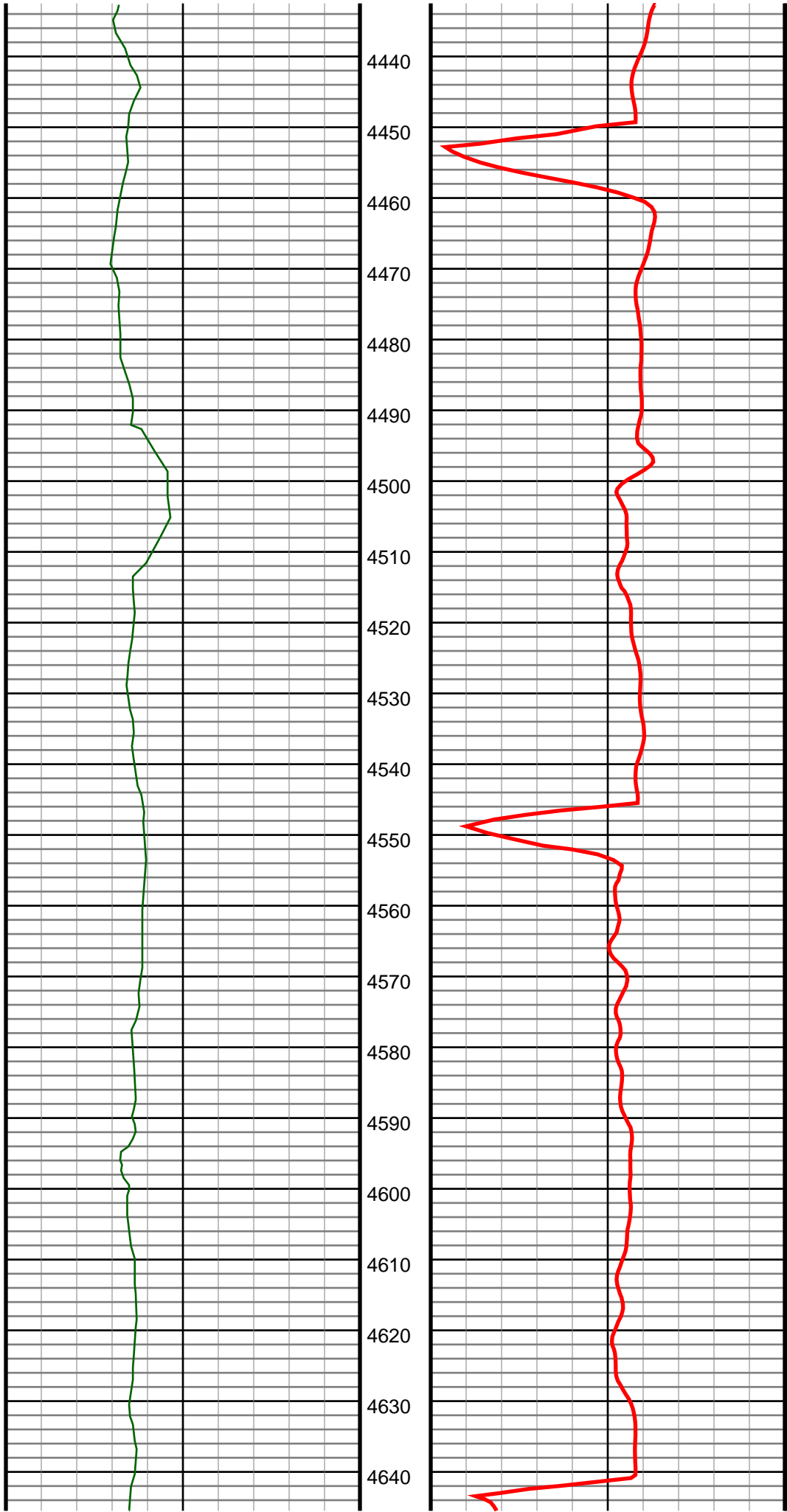
#44 MD(4115.00) Inc(5.3) Azm(37.1) TVD(4096.00)
VS(-207.20) NS(242.66) EW(215.93) TEMP(0.0)

#45 MD(4210.00) Inc(6.5) Azm(36.8) TVD(4190.49)
VS(-212.79) NS(250.46) EW(221.80) TEMP(0.0)



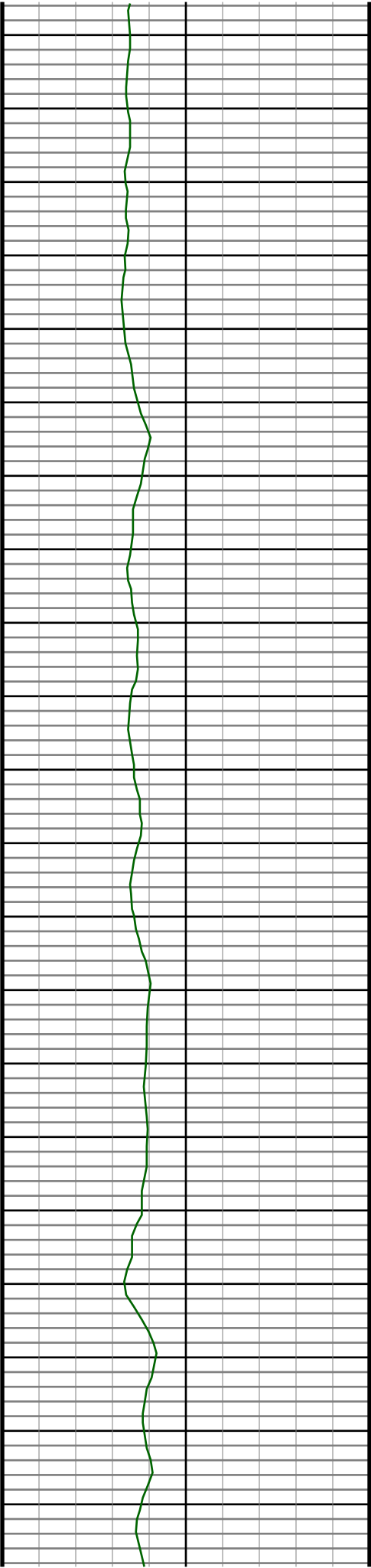
#46 MD(4305.00) Inc(5.0) Azm(43.1) TVD(4285.01)
VS(-218.57) NS(257.79) EW(227.85) TEMP(0.0)

#47 MD(4401.00) Inc(5.9) Azm(34.6) TVD(4380.58)
VS(-223.98) NS(264.91) EW(233.51) TEMP(0.0)

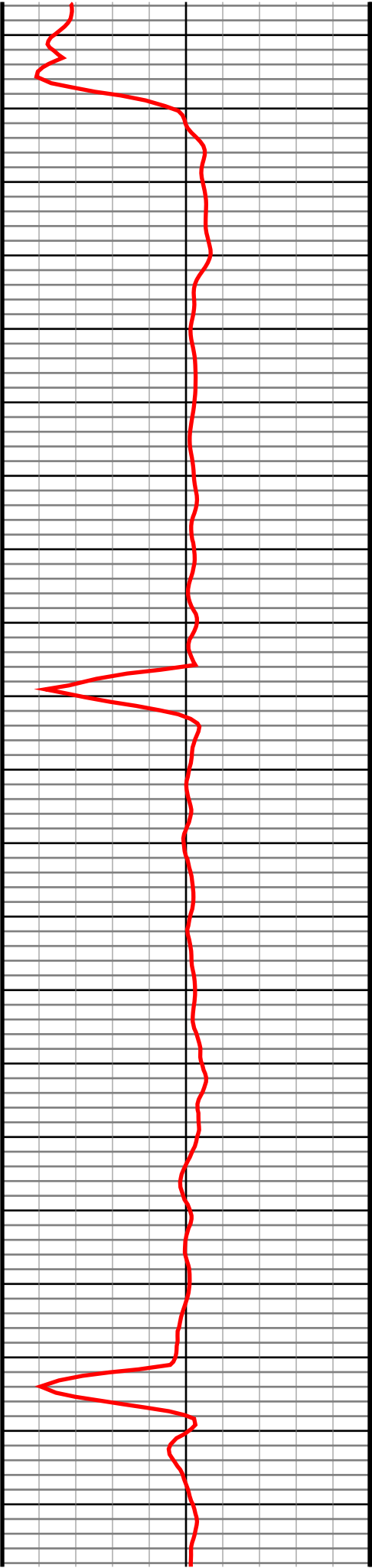


#48 MD(4496.00) Inc(5.0) Azm(35.2) TVD(4475.15)
VS(-228.87) NS(272.31) EW(238.67) TEMP(0.0)

#49 MD(4591.00) Inc(3.5) Azm(31.7) TVD(4569.88)
VS(-232.57) NS(278.16) EW(242.58) TEMP(0.0)

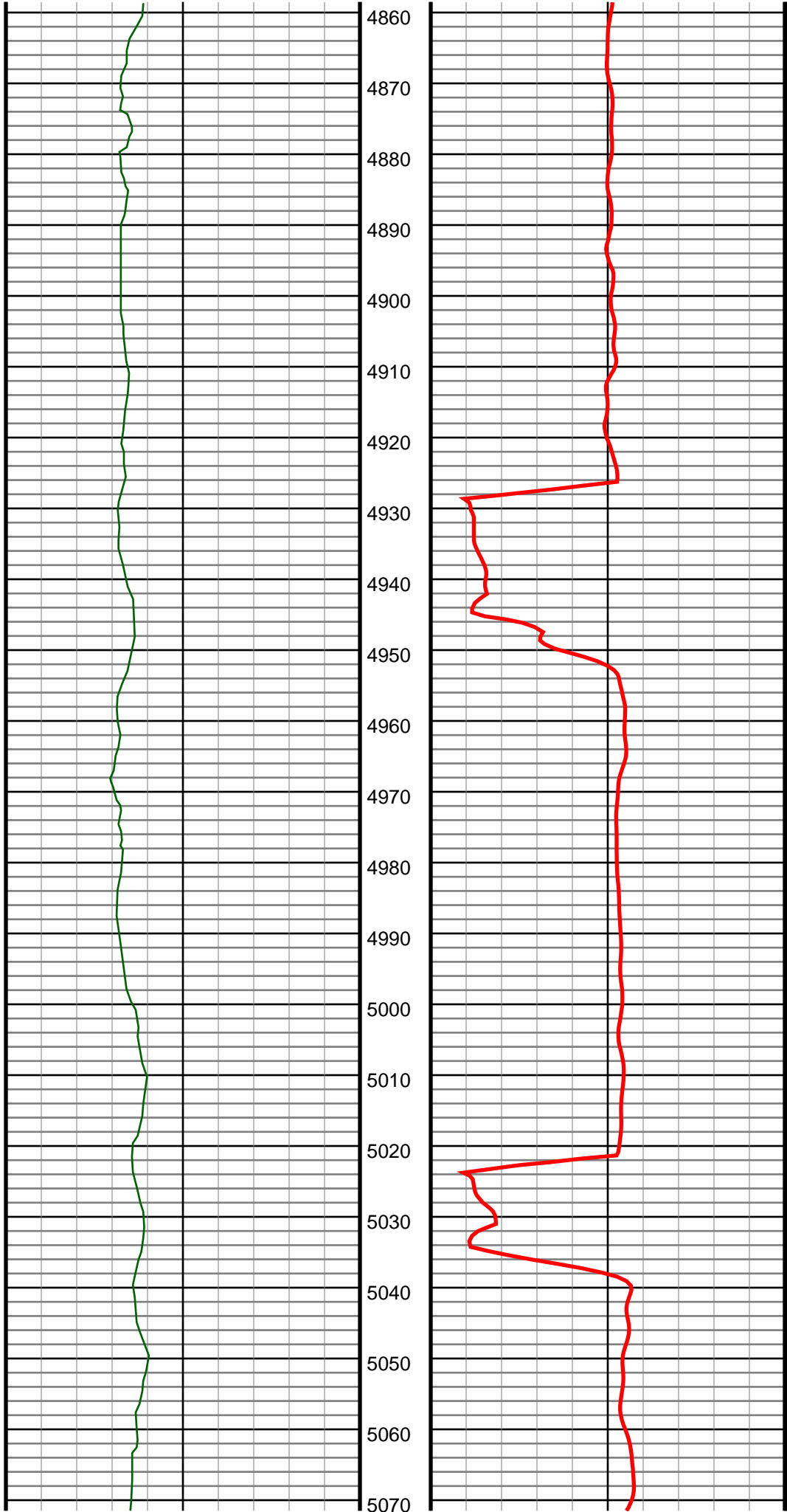


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#50 MD(4686.00) Inc(4.5) Azm(12.7) TVD(4664.65)
VS(-234.70) NS(284.27) EW(244.92) TEMP(0.0)

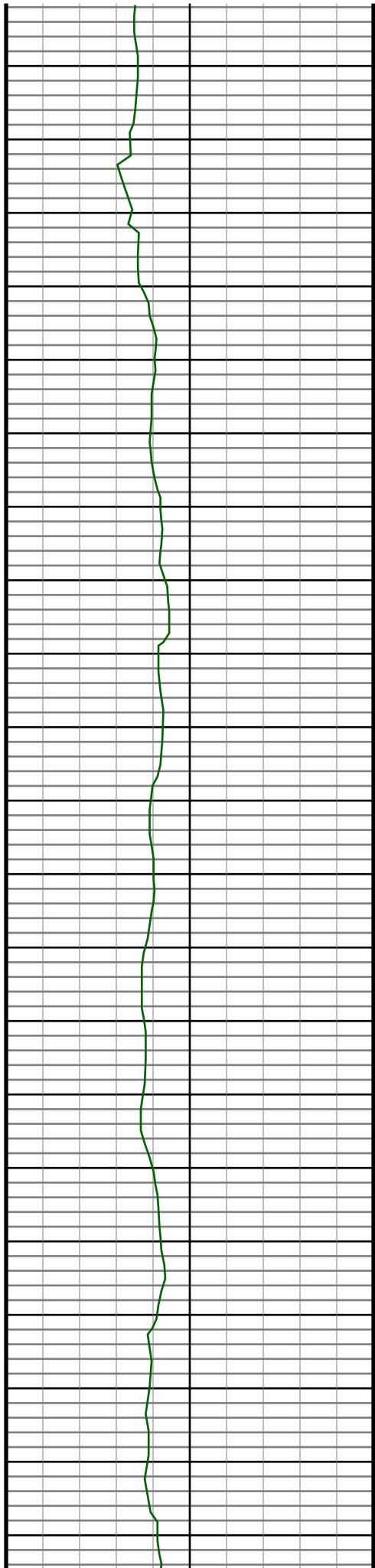
#51 MD(4781.00) Inc(3.1) Azm(21.6) TVD(4759.44)
VS(-236.25) NS(290.29) EW(246.69) TEMP(0.0)



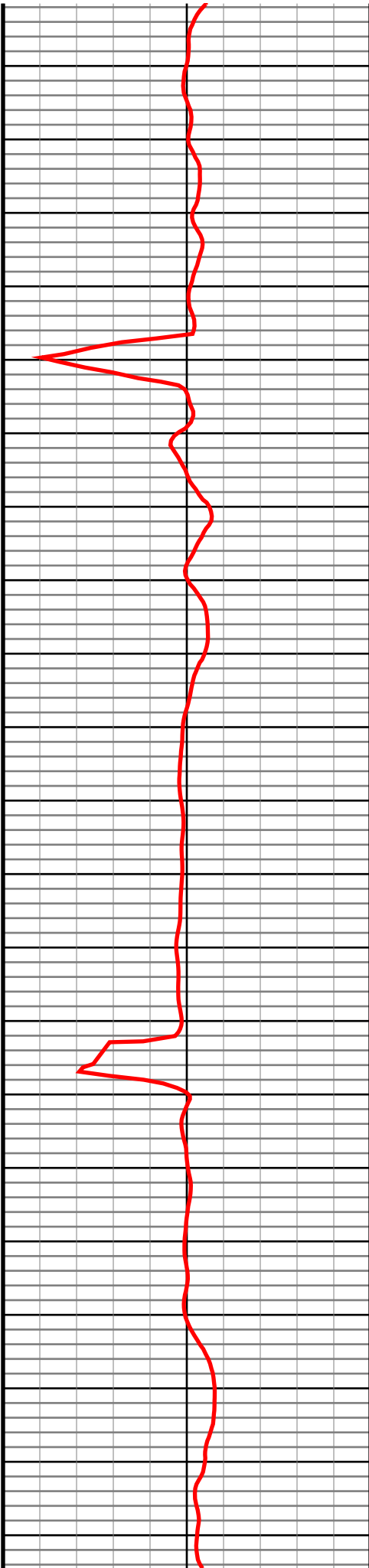
#52 MD(4876.00) Inc(3.7) Azm(40.6) TVD(4854.28)
VS(-239.02) NS(295.01) EW(249.63) TEMP(0.0)

#53 MD(4971.00) Inc(1.3) Azm(29.4) TVD(4949.18)
VS(-241.43) NS(298.27) EW(252.15) TEMP(0.0)

#54 MD(5067.00) Inc(0.7) Azm(258.8) TVD(5045.17)
VS(-241.36) NS(299.11) EW(252.11) TEMP(0.0)

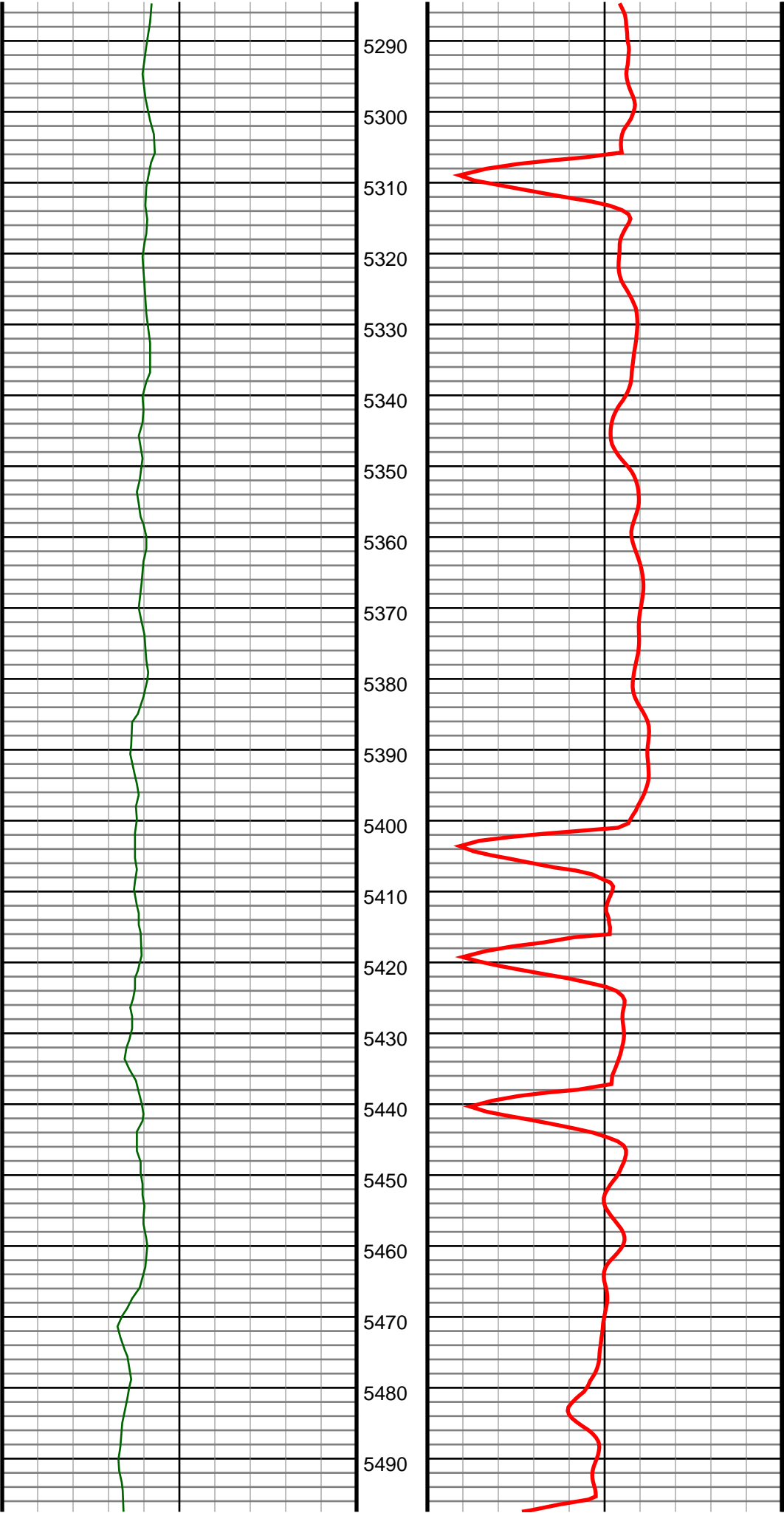


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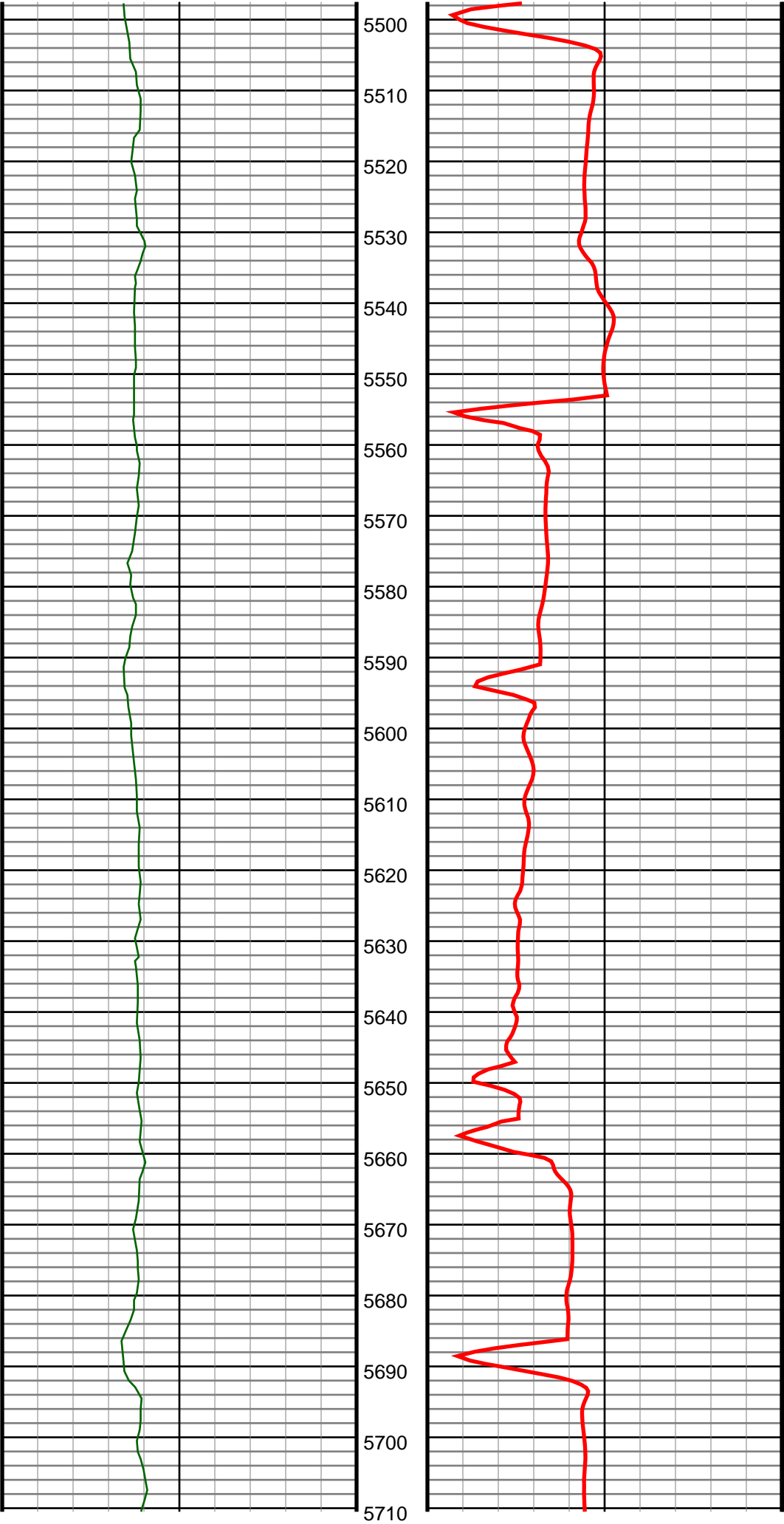
#55 MD(5162.00) Inc(0.4) Azm(224.3) TVD(5140.17)
VS(-240.57) NS(298.76) EW(251.31) TEMP(0.0)

#56 MD(5257.00) Inc(0.3) Azm(216.1) TVD(5235.17)
VS(-240.21) NS(298.32) EW(250.93) TEMP(0.0)



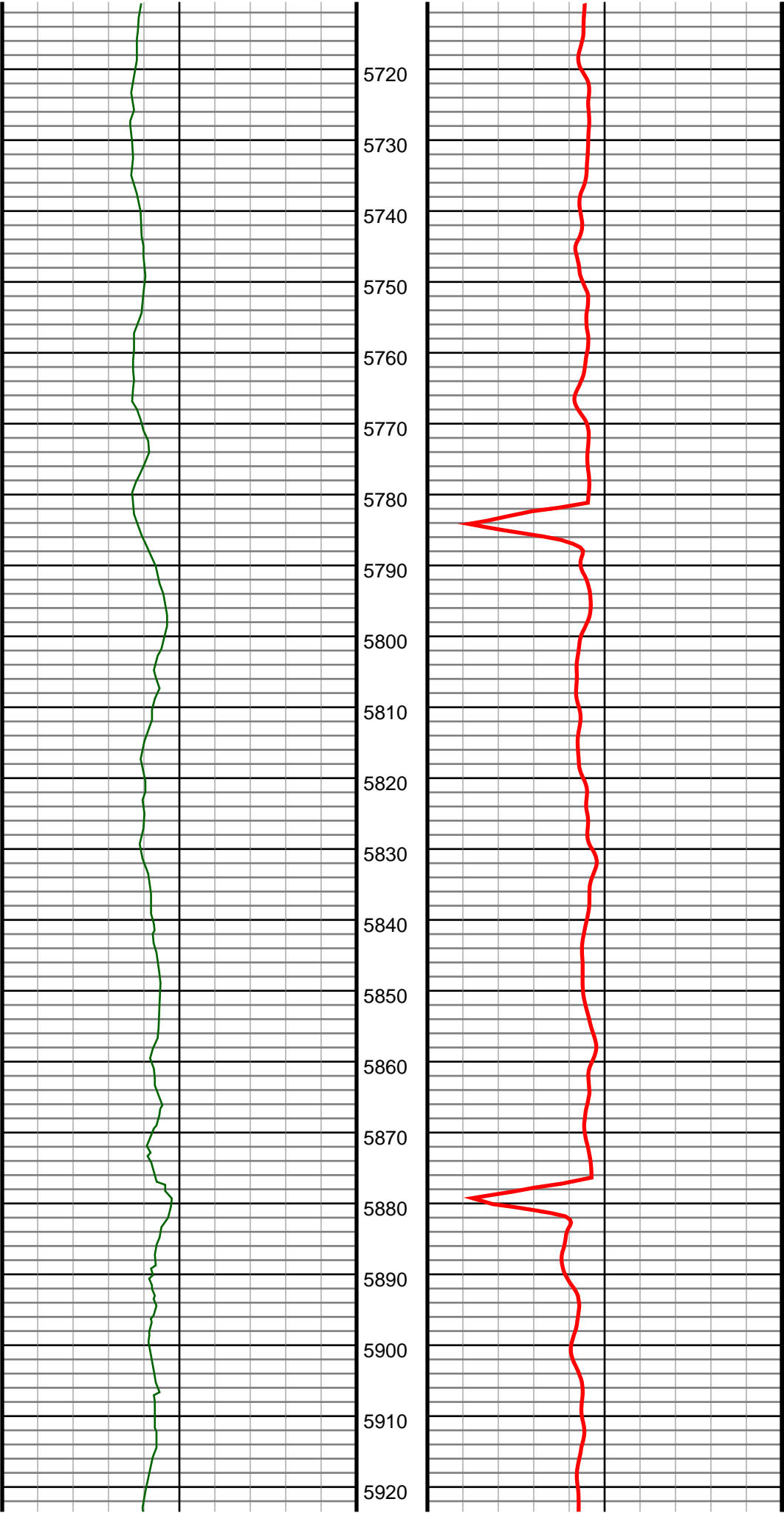
#57 MD(5352.00) Inc(0.1) Azm(326.6) TVD(5330.17)
VS(-240.02) NS(298.19) EW(250.74) TEMP(0.0)

#58 MD(5447.00) Inc(0.4) Azm(329.8) TVD(5425.17)
VS(-239.80) NS(298.54) EW(250.53) TEMP(0.0)



#59 MD(5542.00) Inc(0.4) Azm(290.4) TVD(5520.16)
VS(-239.30) NS(298.94) EW(250.05) TEMP(0.0)

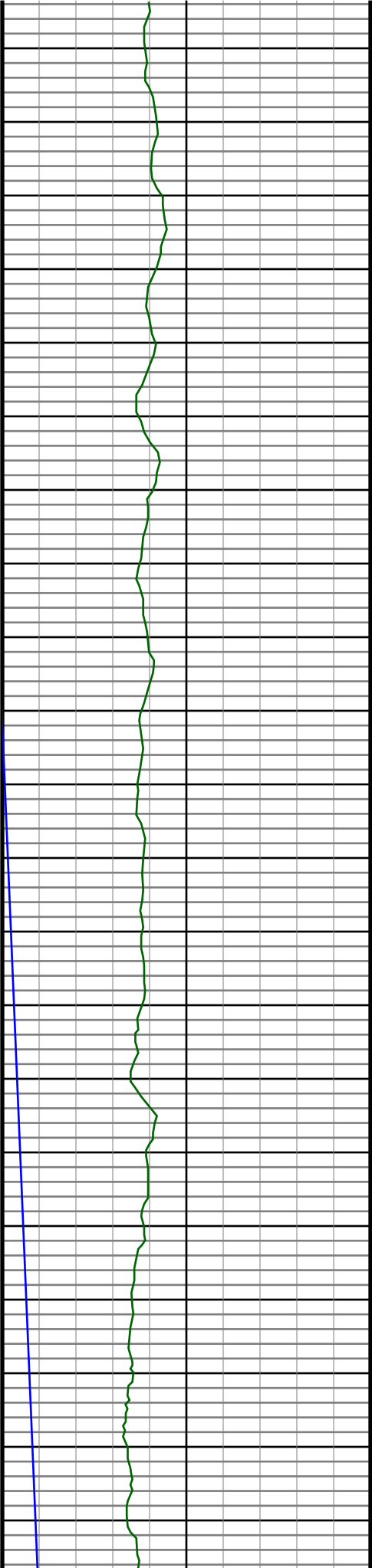
#60 MD(5637.00) Inc(0.7) Azm(300.1) TVD(5615.16)
VS(-238.48) NS(299.35) EW(249.24) TEMP(0.0)



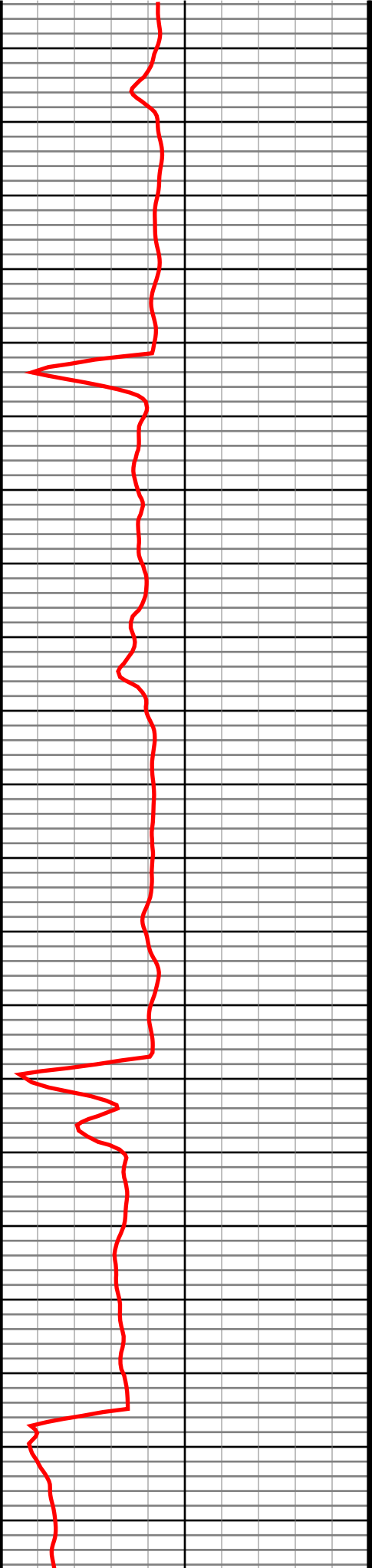
#61 MD(5732.00) Inc(0.3) Azm(215.2) TVD(5710.16)
 VS(-237.83) NS(299.44) EW(248.59) TEMP(0.0)

#62 MD(5827.00) Inc(0.3) Azm(27.6) TVD(5805.16)
 VS(-237.80) NS(299.46) EW(248.56) TEMP(0.0)

#63 MD(5923.00) Inc(0.4) Azm(50.3) TVD(5901.16)
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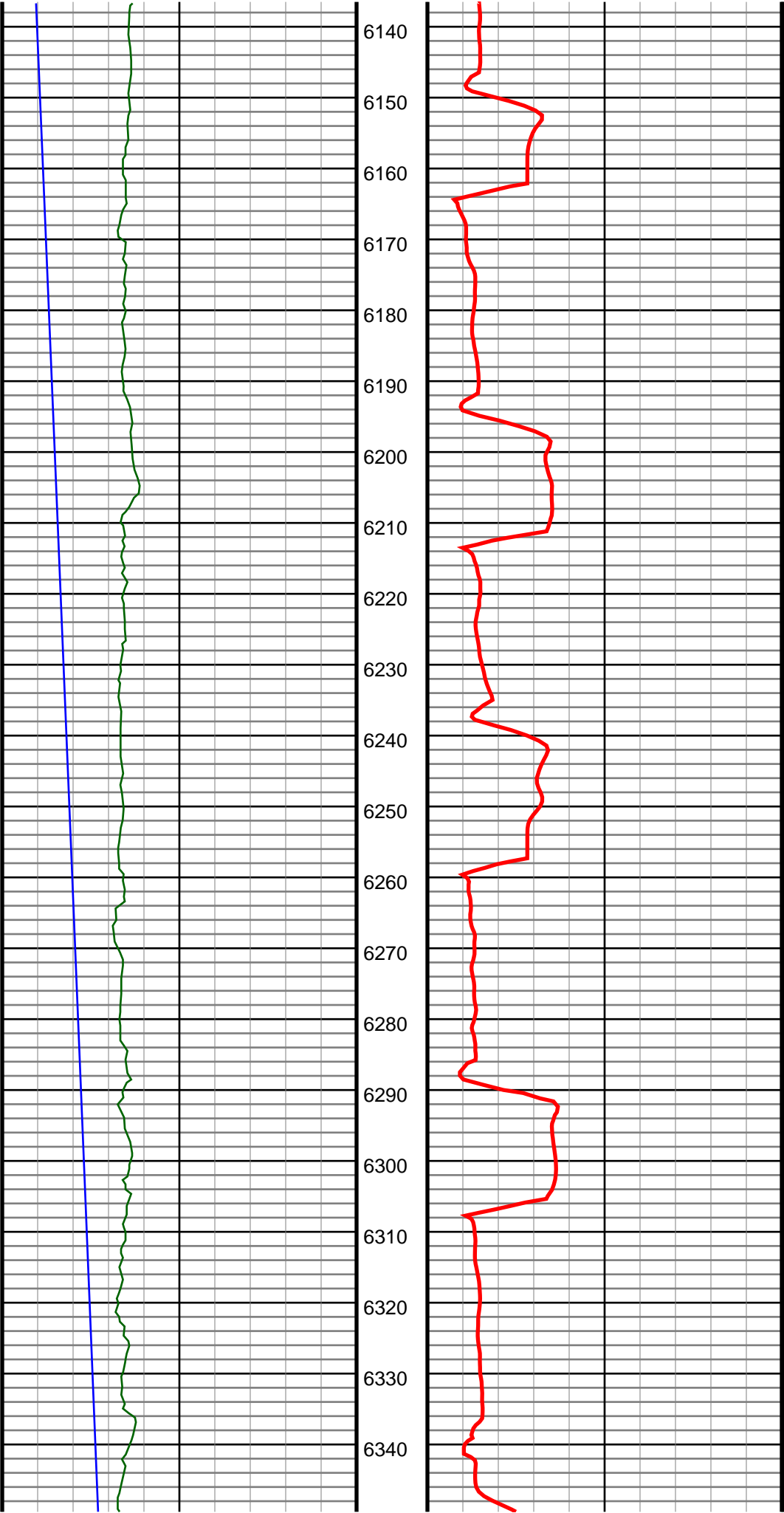


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#64 MD(6017.00) Inc(0.3) Azm(86.3) TVD(5995.15)
VS(-238.65) NS(300.12) EW(249.44) TEMP(0.0)

#65 MD(6113.00) Inc(0.4) Azm(282.5) TVD(6091.15)
VS(-238.57) NS(300.21) EW(249.36) TEMP(0.0)

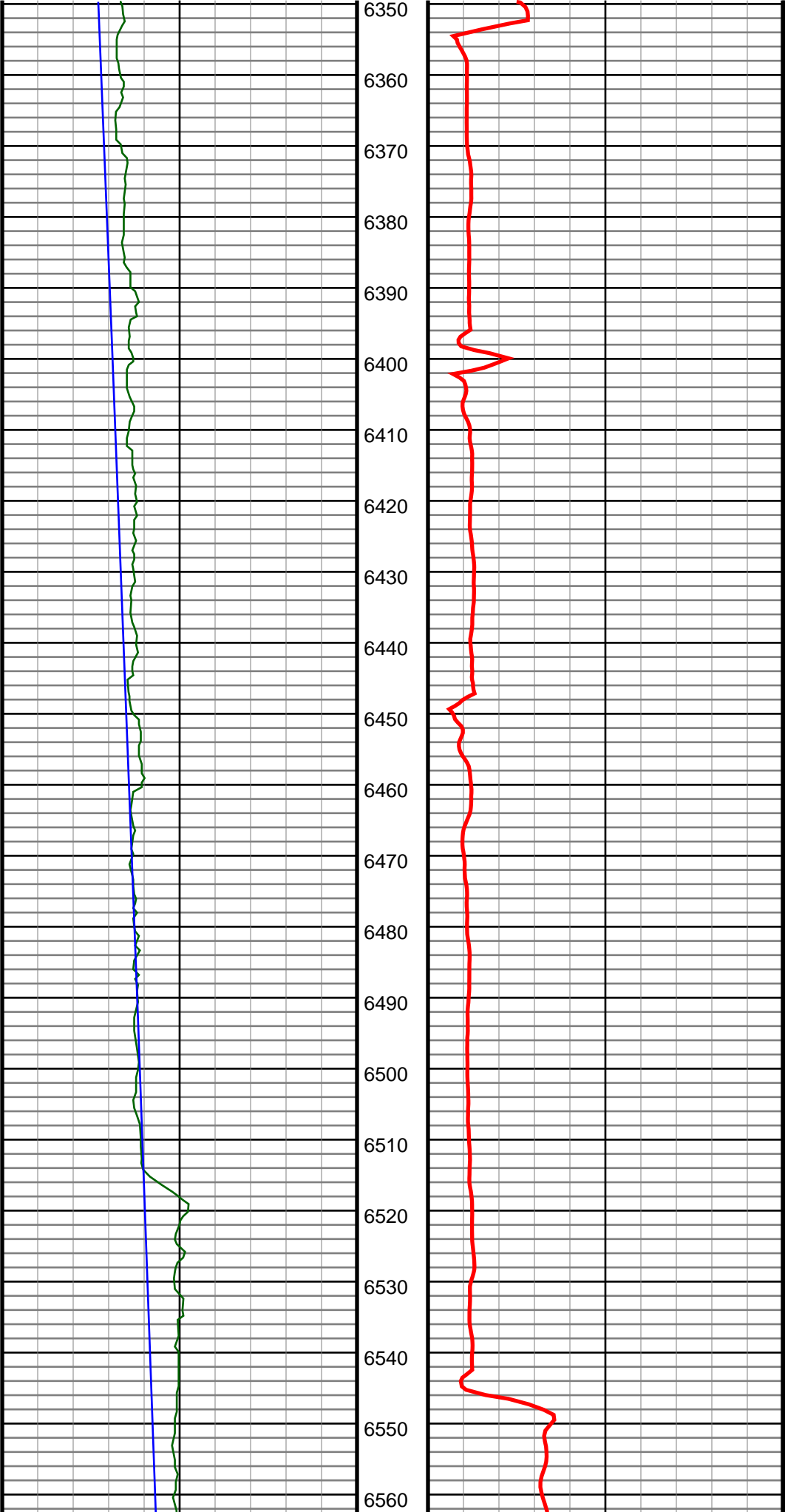


#66 MD(6161.00) Inc(4.5) Azm(270.4) TVD(6139.10)
VS(-236.52) NS(300.26) EW(247.31) TEMP(0.0)

#67 MD(6208.00) Inc(7.3) Azm(273.7) TVD(6185.85)
VS(-231.69) NS(300.46) EW(242.49) TEMP(0.0)

#68 MD(6256.00) Inc(9.8) Azm(275.1) TVD(6233.31)
VS(-224.56) NS(301.02) EW(235.37) TEMP(0.0)

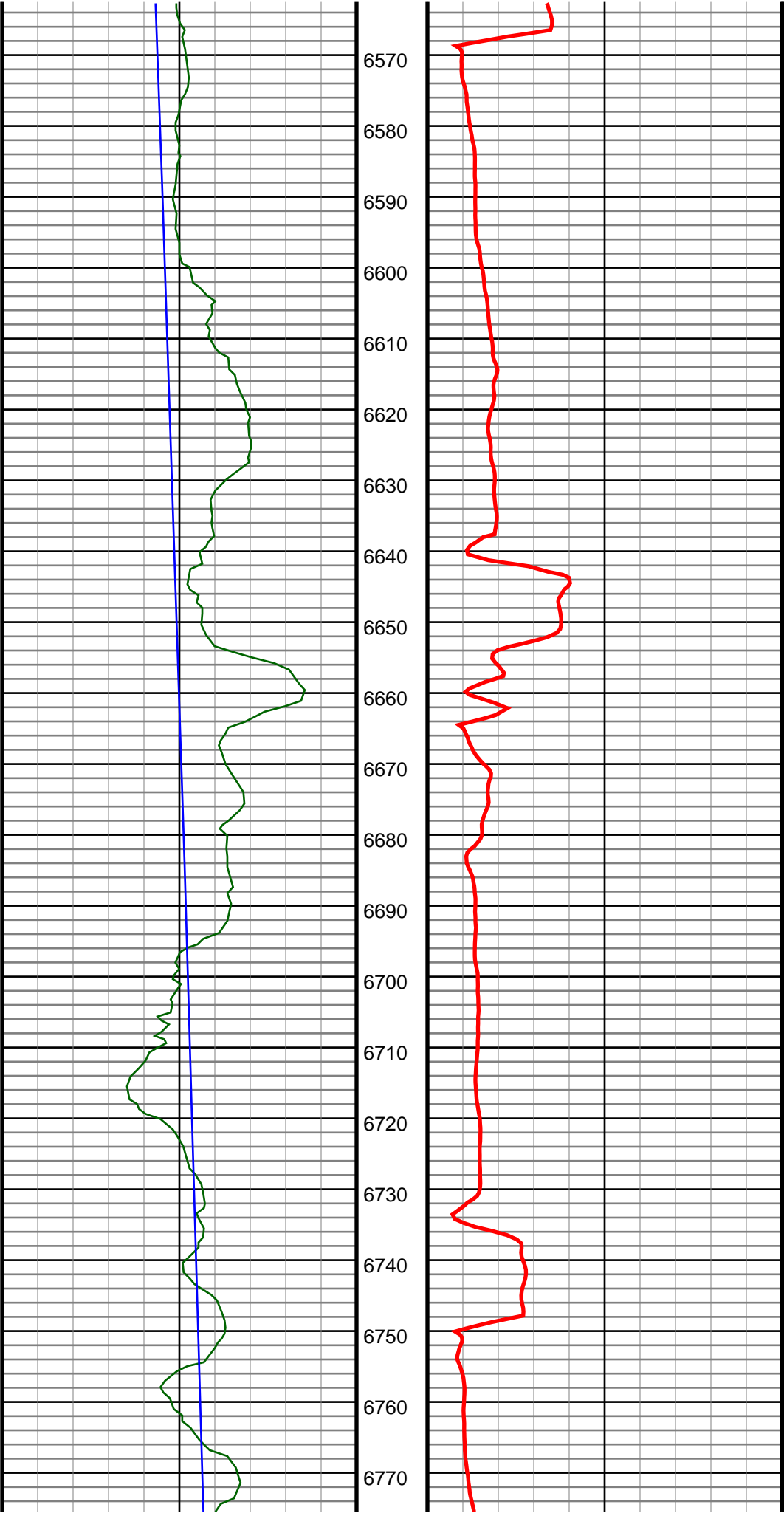
#69 MD(6303.00) Inc(12.0) Azm(269.8) TVD(6279.46)
VS(-215.69) NS(301.36) EW(226.50) TEMP(0.0)



#70 MD(6351.00) Inc(14.6) Azm(266.0) TVD(6326.17)
VS(-204.68) NS(300.92) EW(215.48) TEMP(0.0)

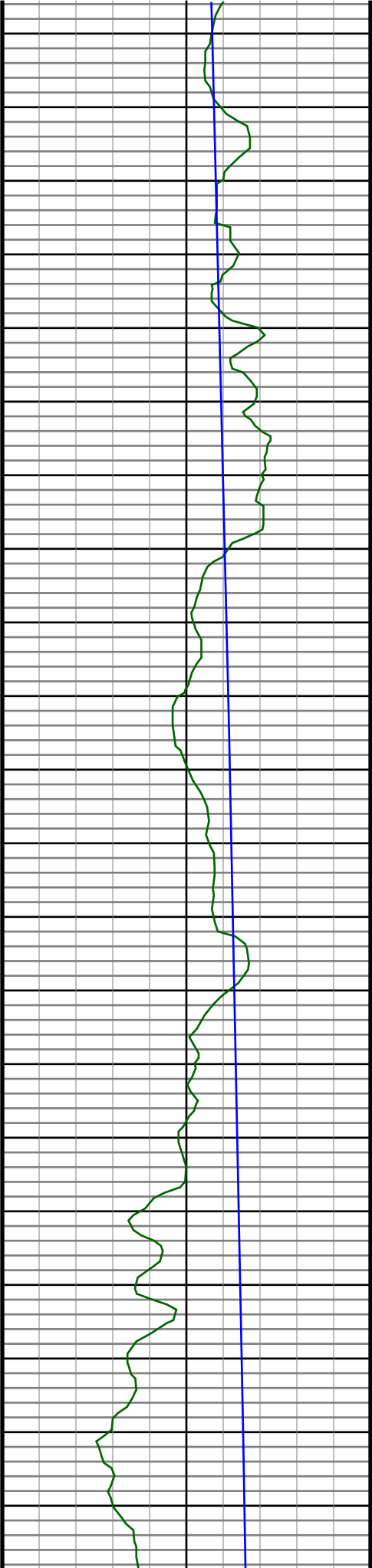
#71 MD(6398.00) Inc(17.8) Azm(266.0) TVD(6371.30)
VS(-191.64) NS(300.01) EW(202.40) TEMP(0.0)

#72 MD(6493.00) Inc(26.4) Azm(265.6) TVD(6459.23)
VS(-156.15) NS(297.37) EW(166.79) TEMP(0.0)

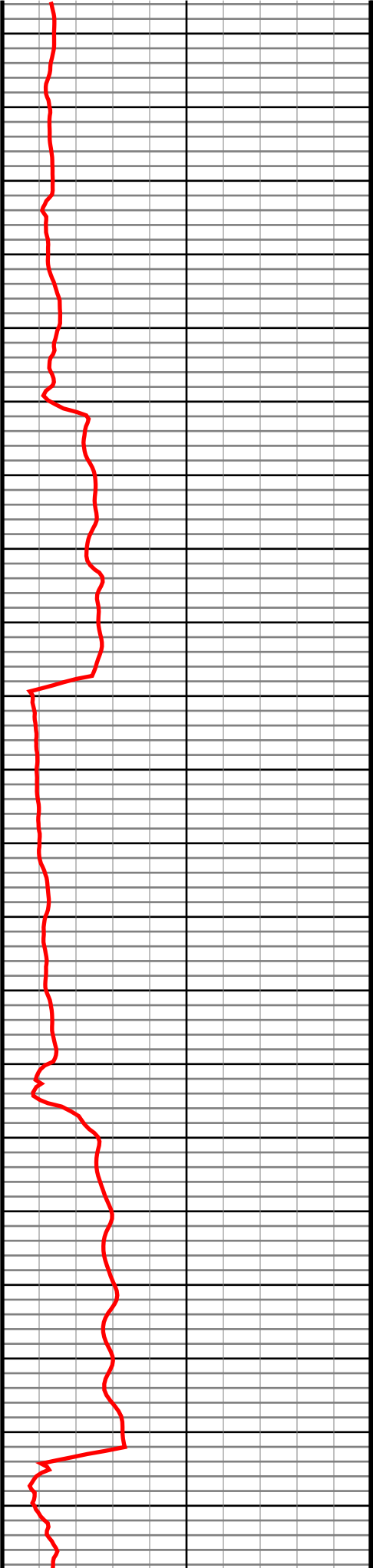


#73 MD(6588.00) Inc(33.9) Azm(266.5) TVD(6541.32)
VS(-108.72) NS(294.13) EW(119.22) TEMP(0.0)

#74 MD(6684.00) Inc(41.0) Azm(267.9) TVD(6617.49)
VS(-50.59) NS(291.33) EW(60.95) TEMP(0.0)



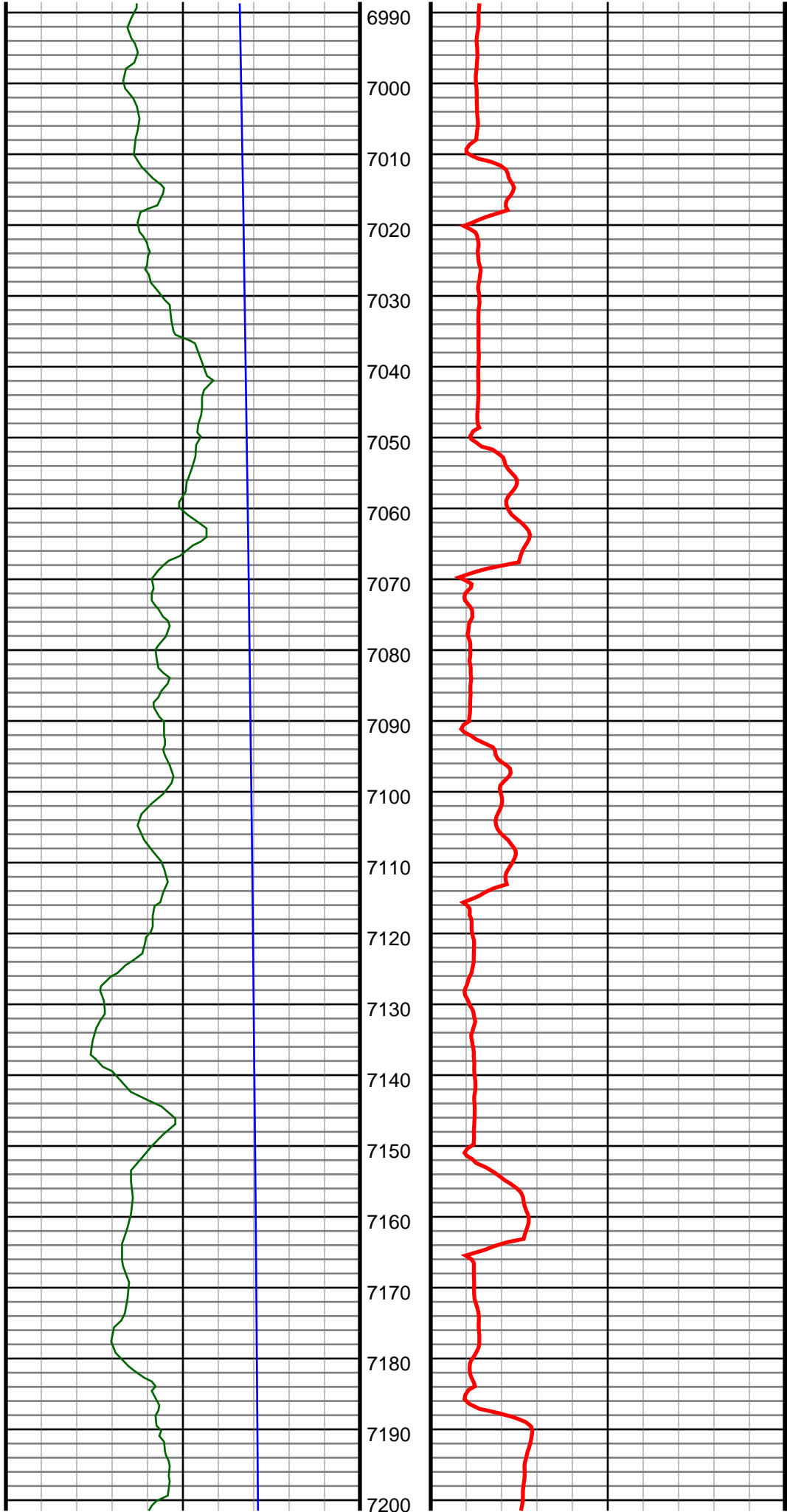
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#75 MD(6779.00) Inc(50.5) Azm(267.4) TVD(6683.70)
VS(17.18) NS(288.52) EW(-6.96) TEMP(0.0)

#76 MD(6874.00) Inc(58.6) Azm(267.4) TVD(6738.76)
VS(94.25) NS(285.02) EW(-84.21) TEMP(0.0)

#77 MD(6970.00) Inc(63.8) Azm(268.4) TVD(6784.99)
VS(178.13) NS(281.95) EW(-168.25) TEMP(0.0)

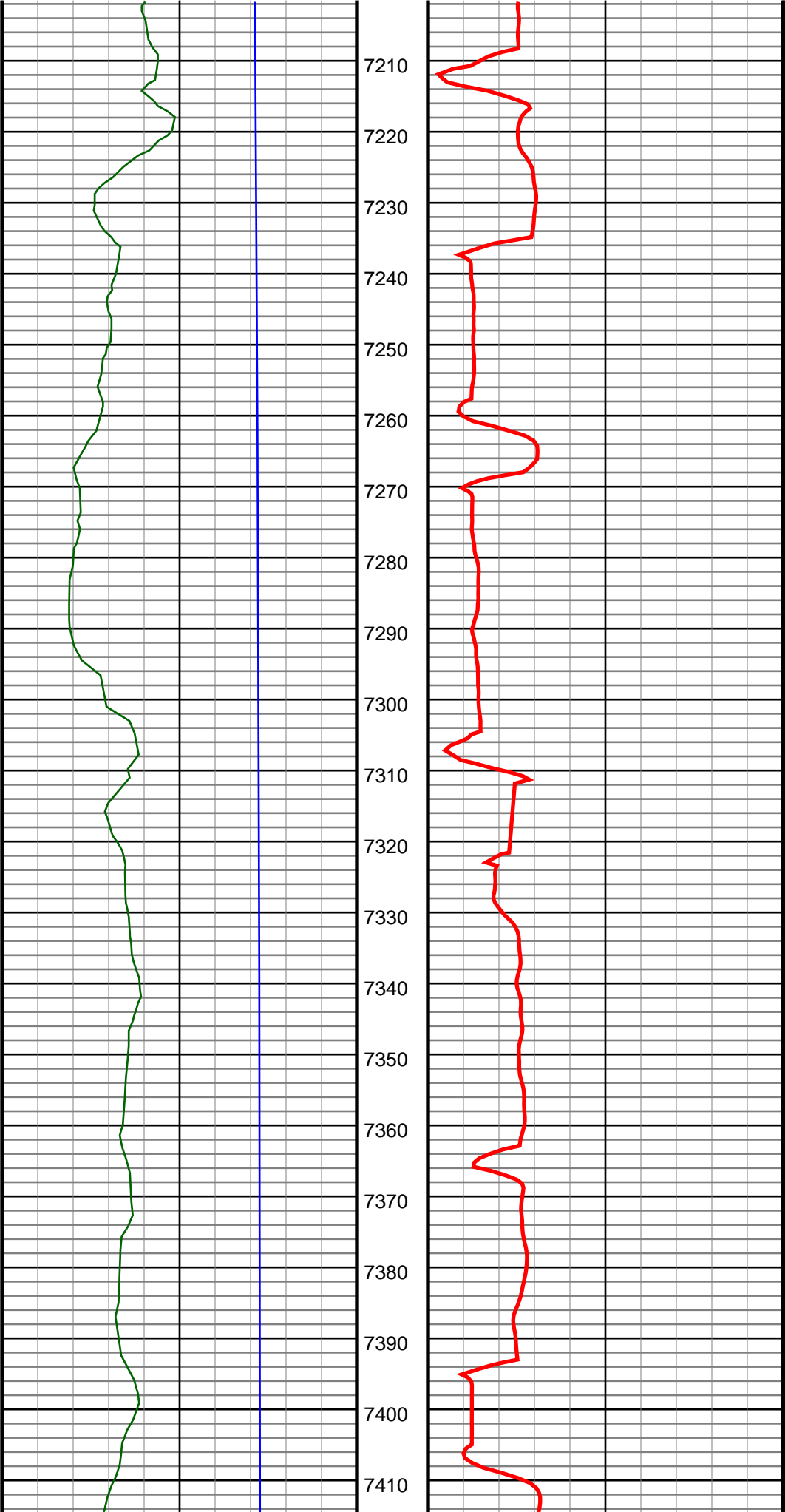


#78 MD(7018.00) Inc(67.5) Azm(268.4) TVD(6804.78)
VS(221.76) NS(280.73) EW(-211.95) TEMP(0.0)

#79 MD(7065.00) Inc(71.0) Azm(270.0) TVD(6821.43)
VS(265.65) NS(280.13) EW(-255.89) TEMP(0.0)

#80 MD(7113.00) Inc(74.3) Azm(270.9) TVD(6835.74)
VS(311.44) NS(280.49) EW(-301.70) TEMP(0.0)

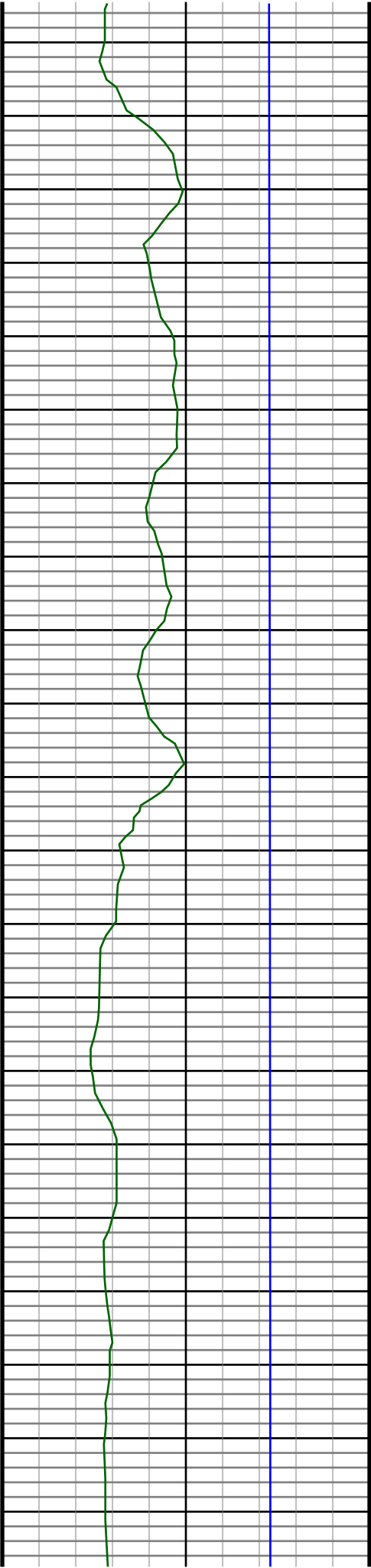
#81 MD(7160.00) Inc(78.3) Azm(272.7) TVD(6846.87)
VS(357.09) NS(281.93) EW(-347.33) TEMP(0.0)



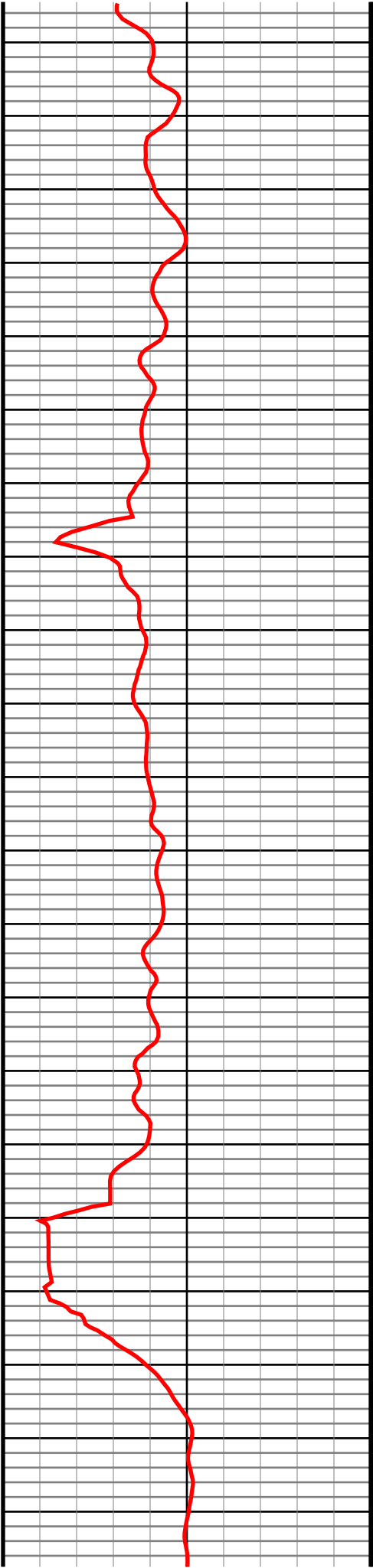
#82 MD(7208.00) Inc(80.4) Azm(274.1) TVD(6855.74)
VS(404.25) NS(284.73) EW(-394.41) TEMP(0.0)

#83 MD(7262.00) Inc(83.4) Azm(273.2) TVD(6863.35)
VS(457.68) NS(288.13) EW(-447.76) TEMP(0.0)

#84 MD(7339.00) Inc(87.4) Azm(273.5) TVD(6869.52)
VS(534.40) NS(292.61) EW(-524.36) TEMP(0.0)



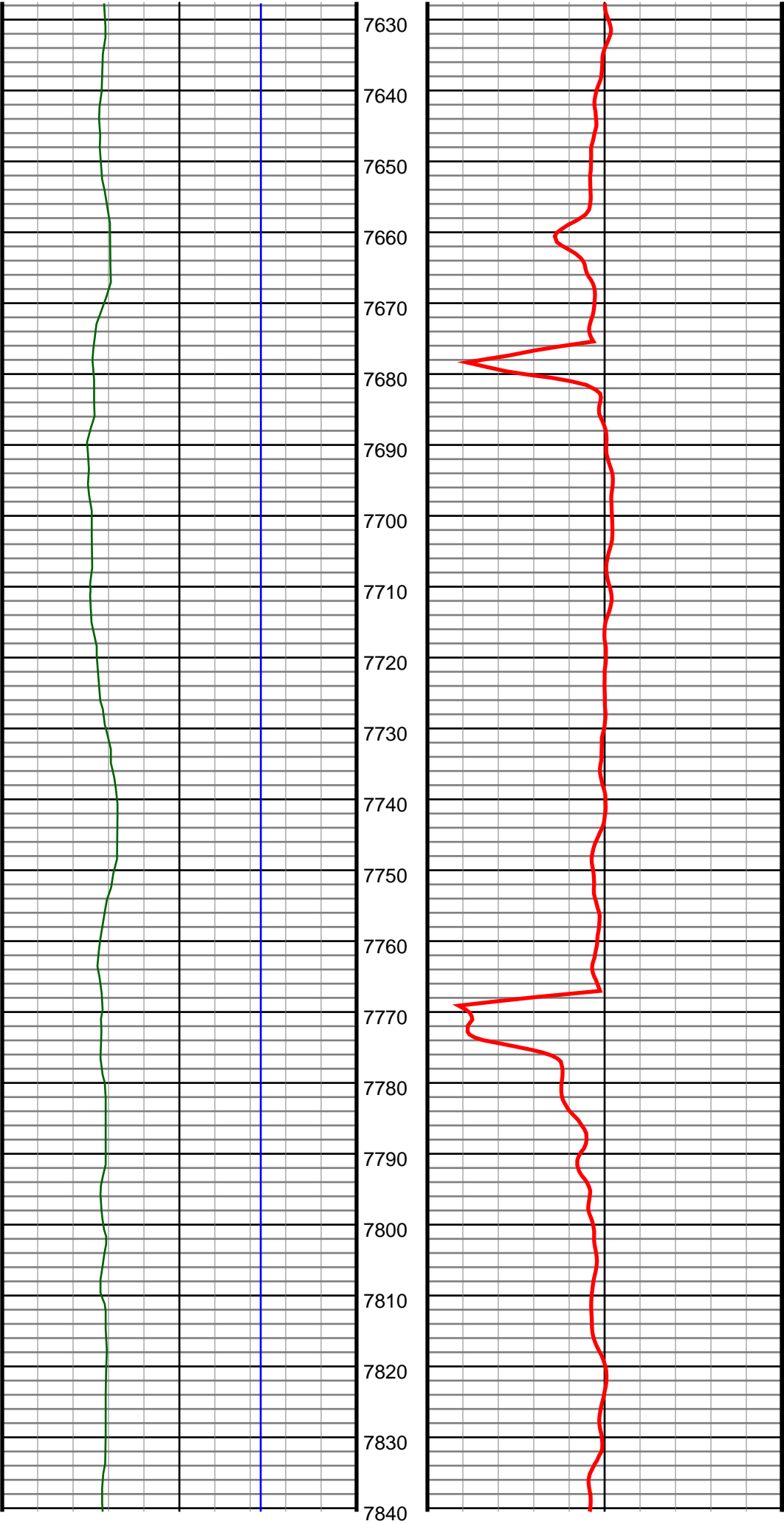
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#85 MD(7433.00) Inc(89.1) Azm(272.1) TVD(6872.39)
VS(628.34) NS(297.20) EW(-618.20) TEMP(0.0)

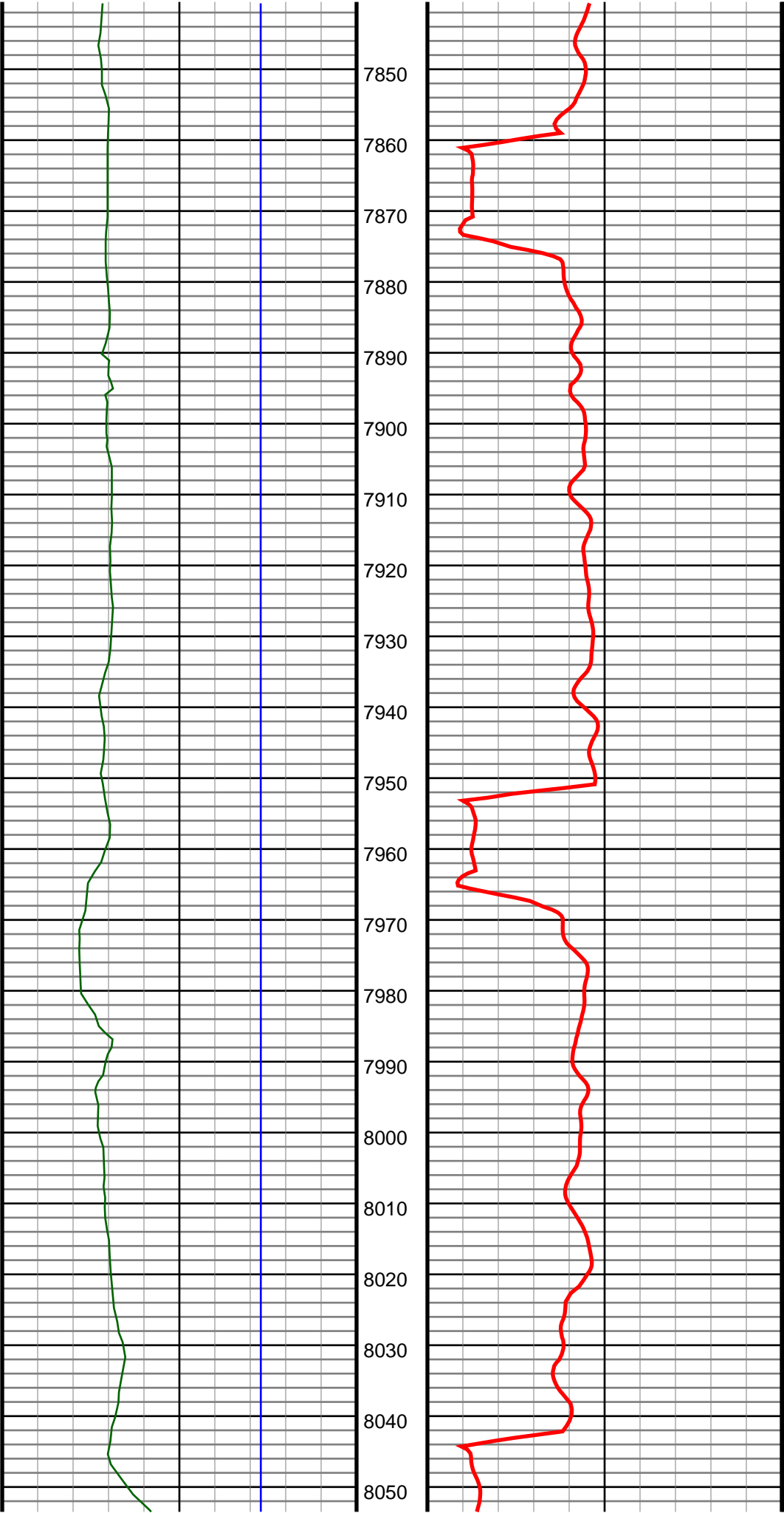
#86 MD(7527.00) Inc(88.2) Azm(271.1) TVD(6874.61)
VS(722.31) NS(299.83) EW(-712.14) TEMP(0.0)

#87 MD(7621.00) Inc(90.1) Azm(269.3) TVD(6876.00)
VS(816.24) NS(300.15) EW(-806.12) TEMP(0.0)



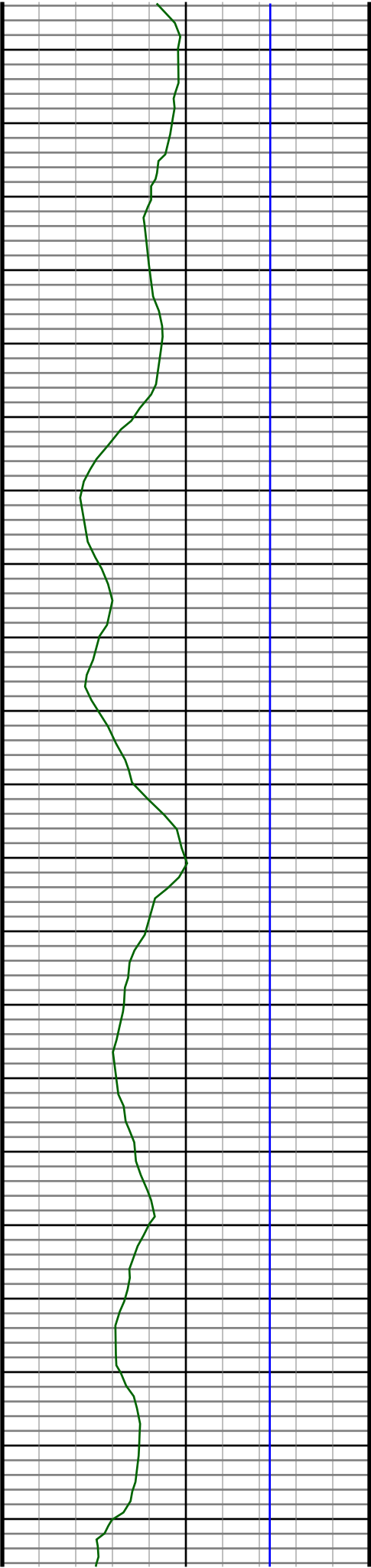
#88 MD(7713.00) Inc(90.1) Azm(269.0) TVD(6875.84)
VS(908.13) NS(298.79) EW(-898.11) TEMP(0.0)

#89 MD(7805.00) Inc(90.4) Azm(268.6) TVD(6875.44)
VS(999.98) NS(296.86) EW(-990.09) TEMP(0.0)

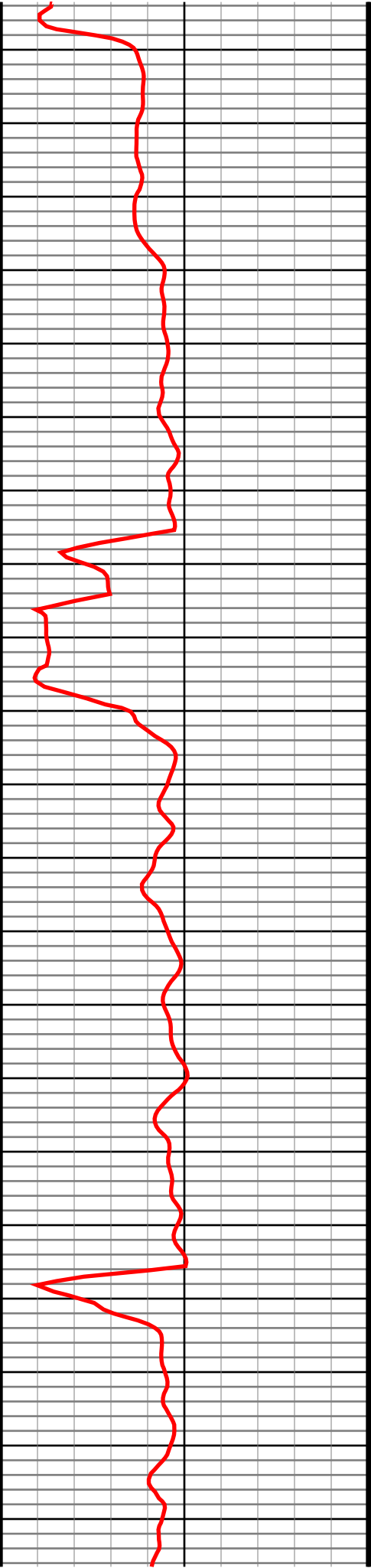


#90 MD(7897.00) Inc(90.0) Azm(268.4) TVD(6875.12)
VS(1091.81) NS(294.45) EW(-1082.05) TEMP(0.0)

#91 MD(7988.00) Inc(89.2) Azm(269.8) TVD(6875.75)
VS(1182.68) NS(293.03) EW(-1173.04) TEMP(0.0)



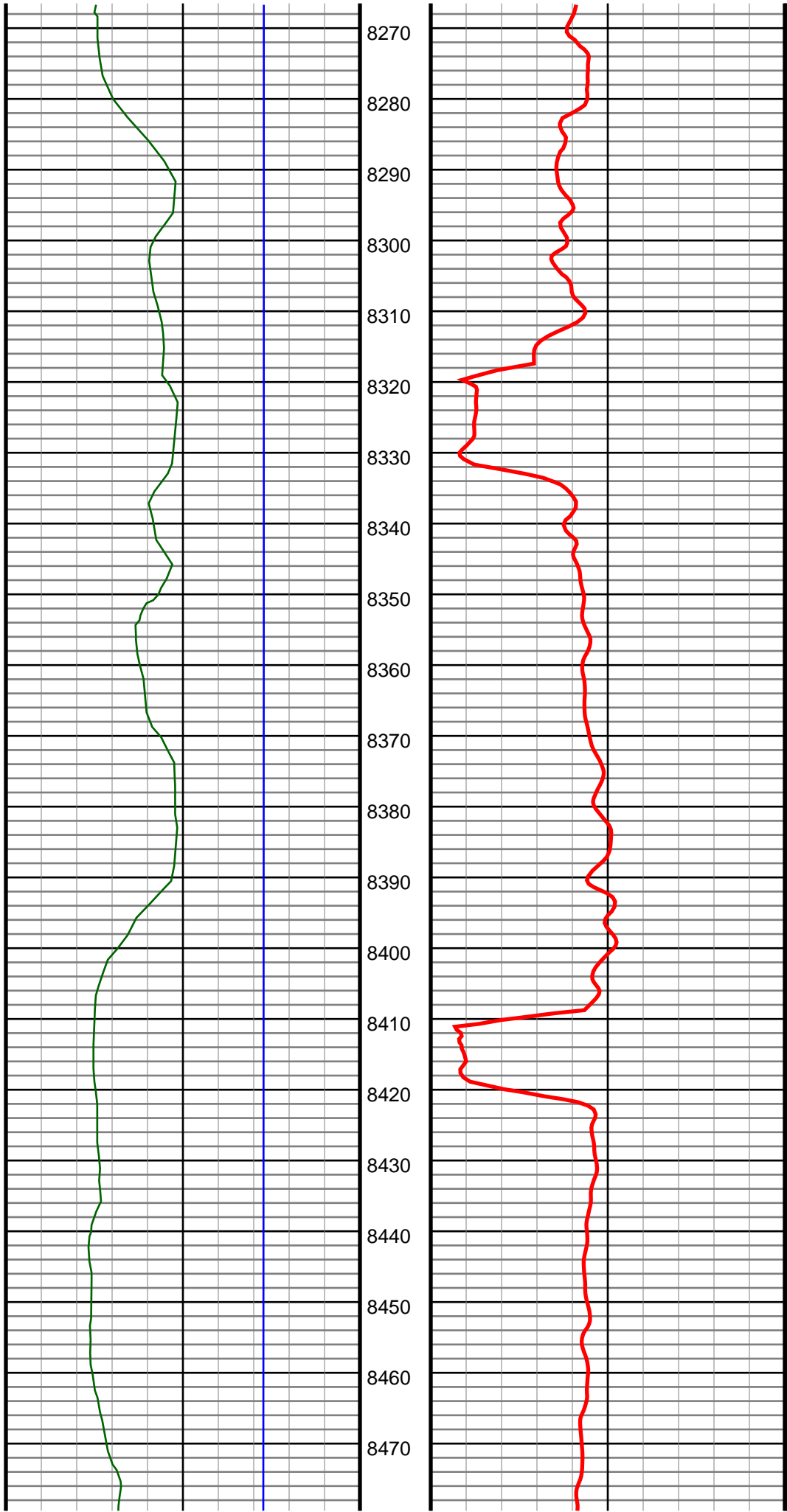
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#92 MD(8080.00) Inc(90.9) Azm(269.5) TVD(6875.67)
VS(1274.60) NS(292.46) EW(-1265.03) TEMP(0.0)

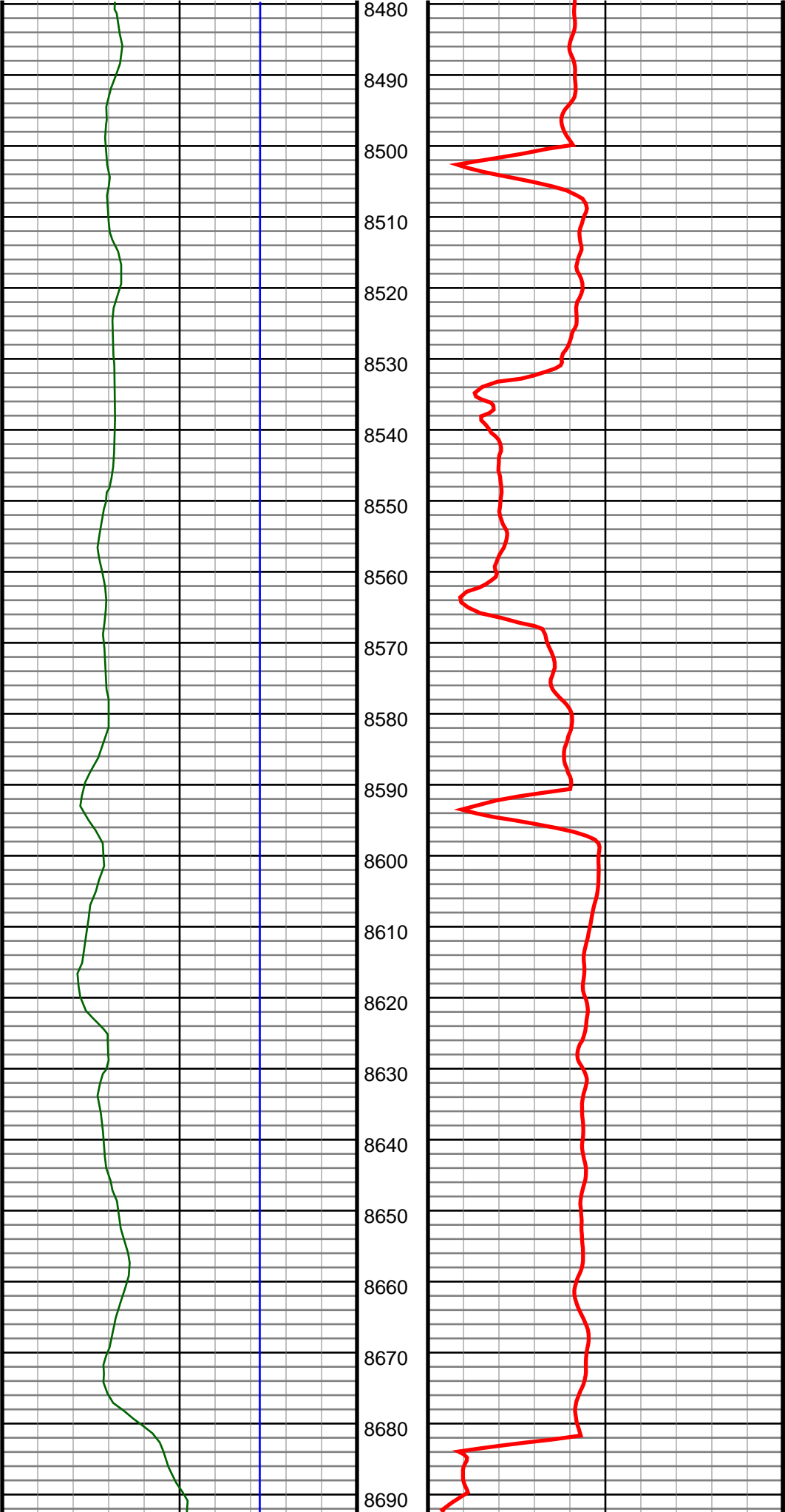
#93 MD(8172.00) Inc(90.5) Azm(270.5) TVD(6874.55)
VS(1366.53) NS(292.46) EW(-1357.02) TEMP(0.0)

#94 MD(8264.00) Inc(90.0) Azm(269.8) TVD(6874.15)
VS(1458.48) NS(292.70) EW(-1449.02) TEMP(0.0)



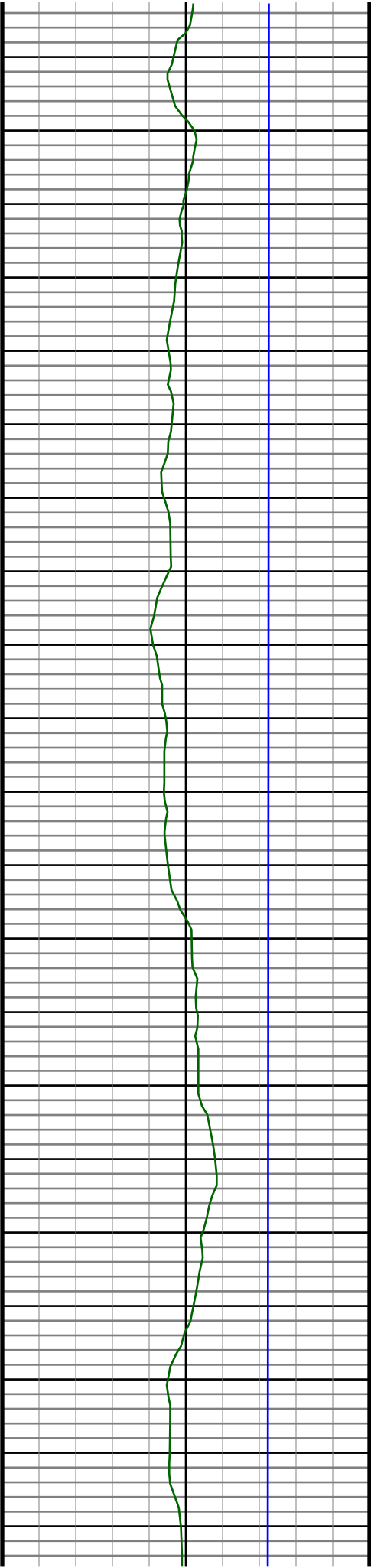
#95 MD(8355.00) Inc(90.1) Azm(270.7) TVD(6874.07)
VS(1549.44) NS(293.10) EW(-1540.02) TEMP(0.0)

#96 MD(8445.00) Inc(91.2) Azm(269.8) TVD(6873.05)
VS(1639.38) NS(293.49) EW(-1630.01) TEMP(0.0)

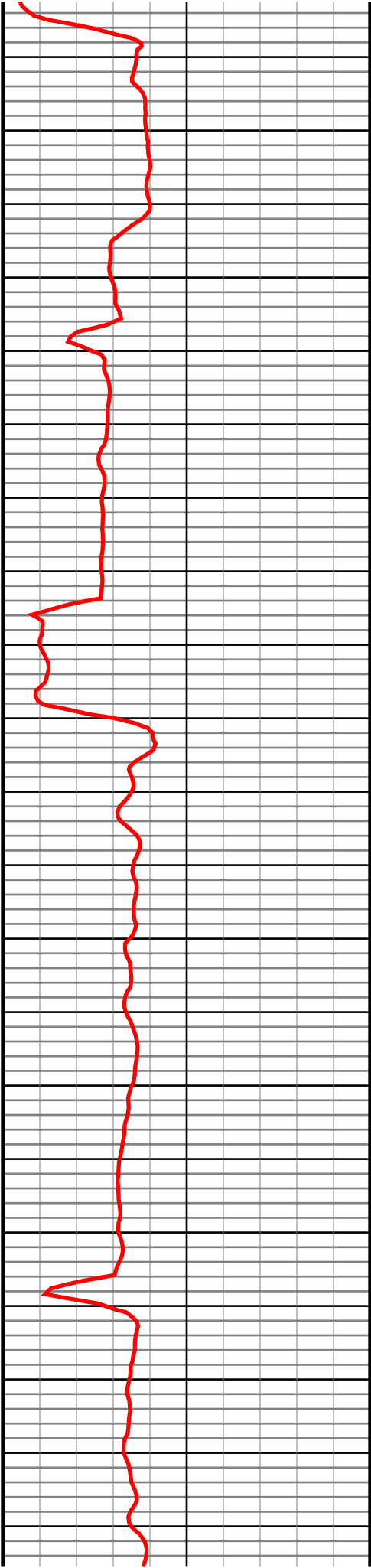


#97 MD(8536.00) Inc(90.7) Azm(269.3) TVD(6871.54)
VS(1730.29) NS(292.78) EW(-1721.00) TEMP(0.0)

#98 MD(8628.00) Inc(89.7) Azm(269.0) TVD(6871.22)
VS(1822.17) NS(291.41) EW(-1812.98) TEMP(0.0)



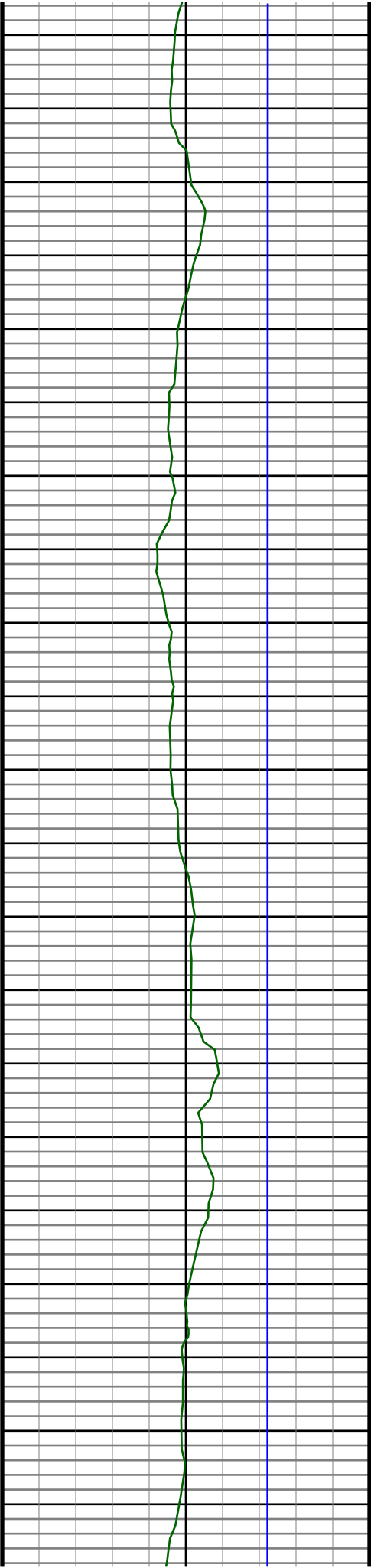
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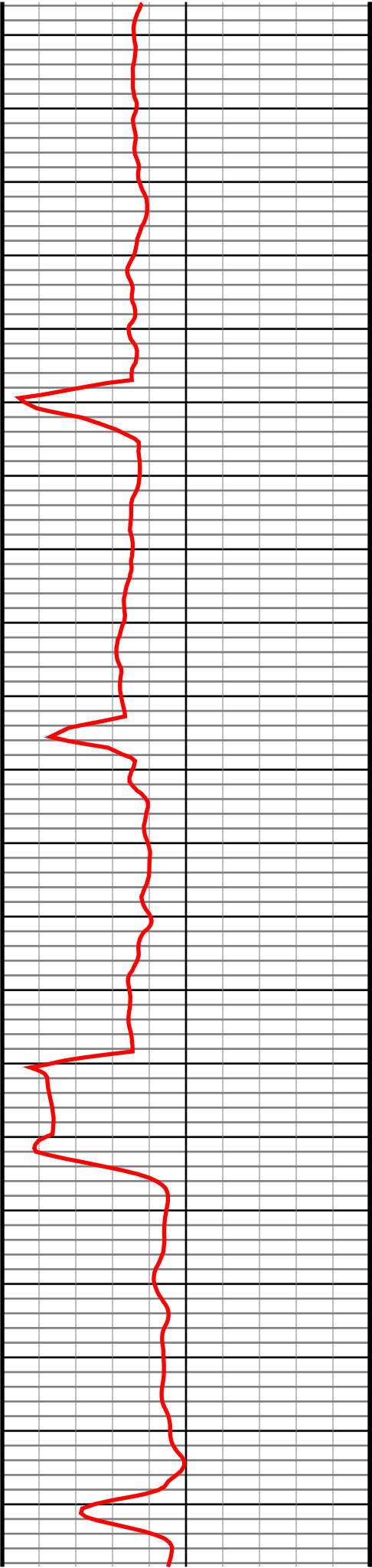
#99 MD(8720.00) Inc(90.5) Azm(269.1) TVD(6871.06)
VS(1914.04) NS(289.89) EW(-1904.97) TEMP(0.0)

#100 MD(8812.00) Inc(91.5) Azm(269.8) TVD(6869.45)
VS(2005.93) NS(289.01) EW(-1996.95) TEMP(0.0)

#101 MD(8904.00) Inc(90.7) Azm(269.5) TVD(6867.69)
VS(2097.84) NS(288.44) EW(-2088.93) TEMP(0.0)

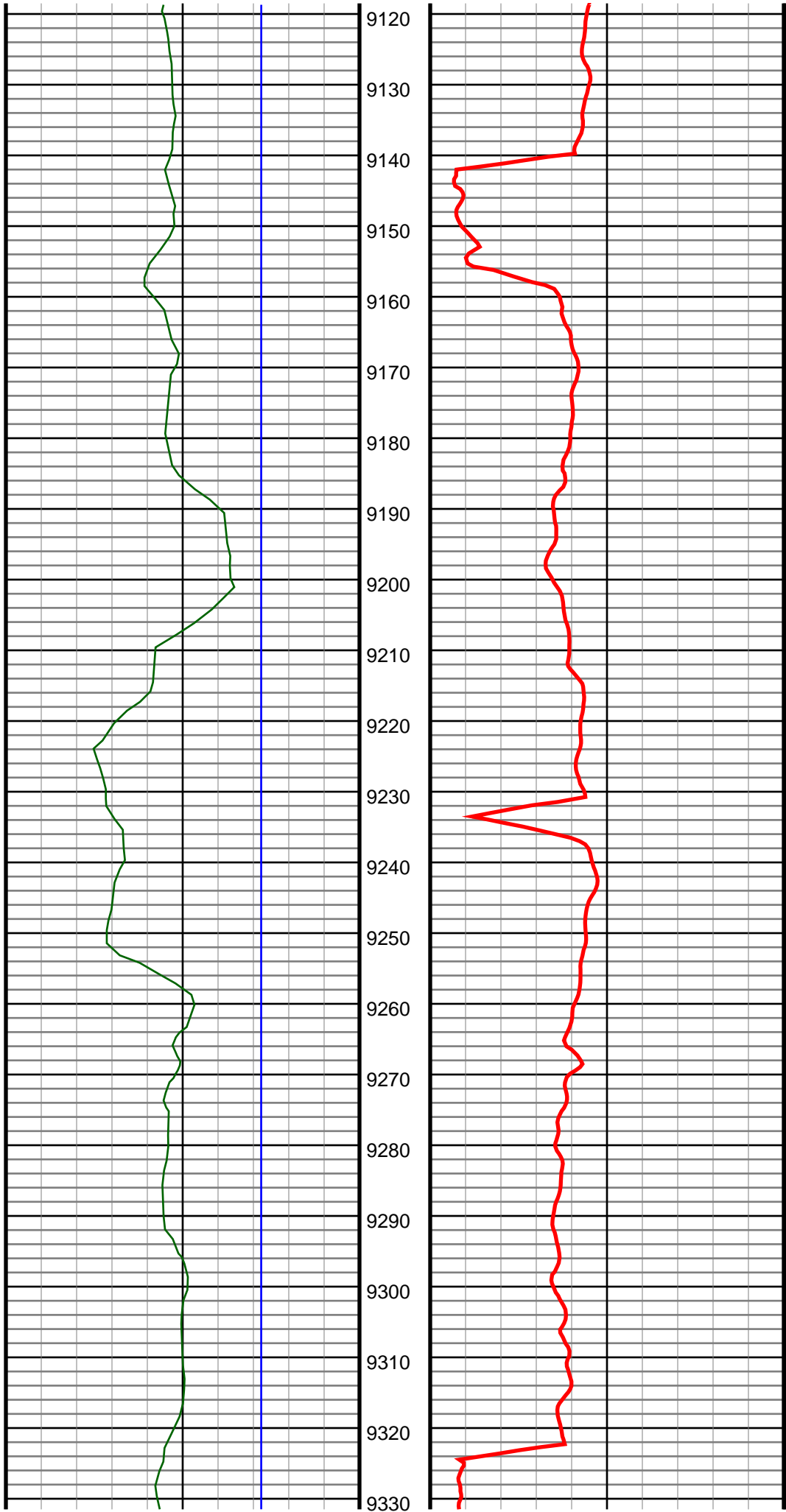


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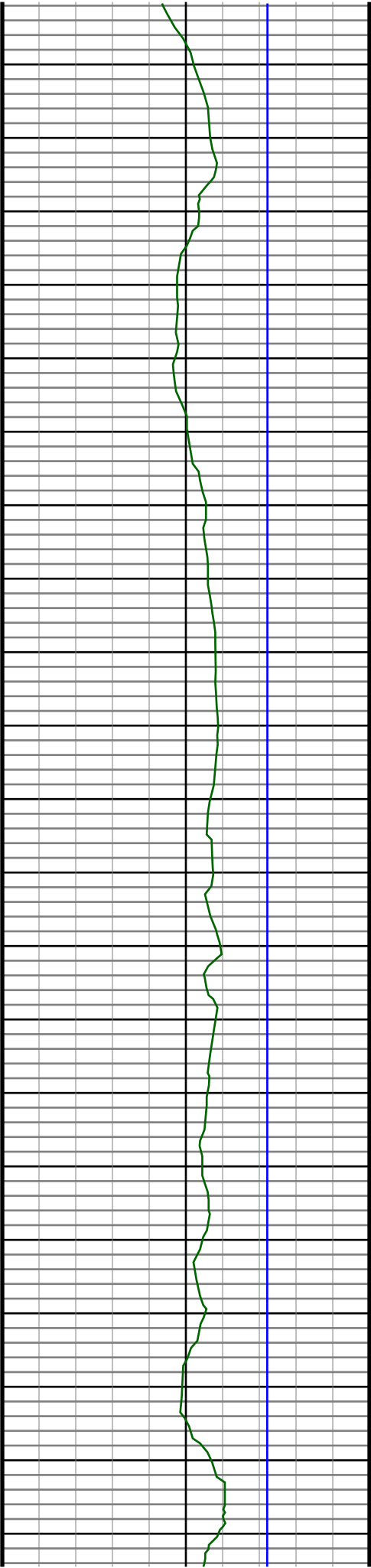
#102 MD(8995.00) Inc(90.2) Azm(268.6) TVD(6866.97)
VS(2188.71) NS(286.94) EW(-2179.91) TEMP(0.0)

#103 MD(9086.00) Inc(90.0) Azm(269.3) TVD(6866.81)
VS(2279.58) NS(285.27) EW(-2270.90) TEMP(0.0)

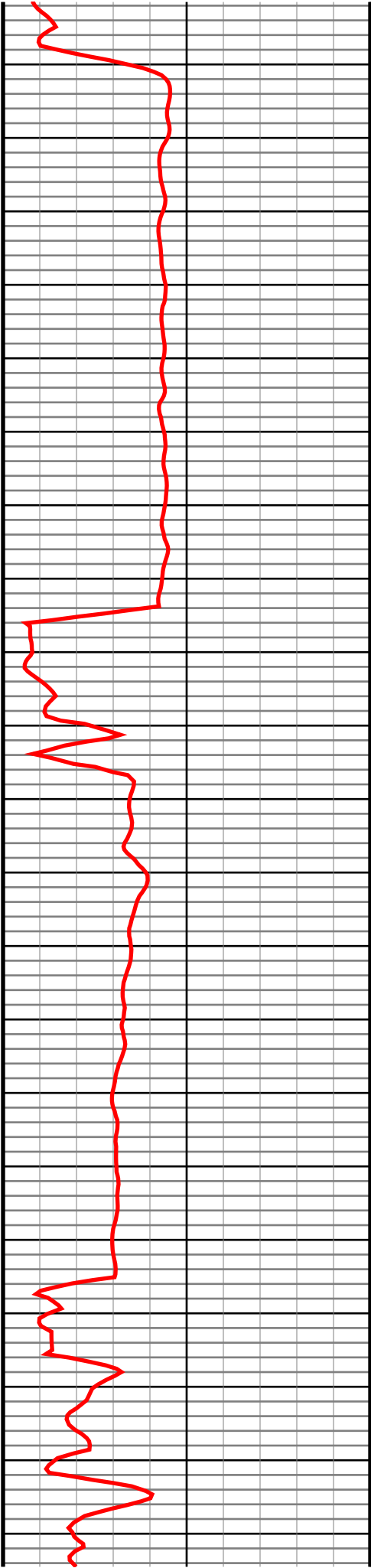


#104 MD(9178.00) Inc(90.5) Azm(269.8) TVD(6866.41)
VS(2371.49) NS(284.55) EW(-2362.89) TEMP(0.0)

#105 MD(9269.00) Inc(89.6) Azm(268.4) TVD(6866.33)
VS(2462.37) NS(283.12) EW(-2453.88) TEMP(0.0)



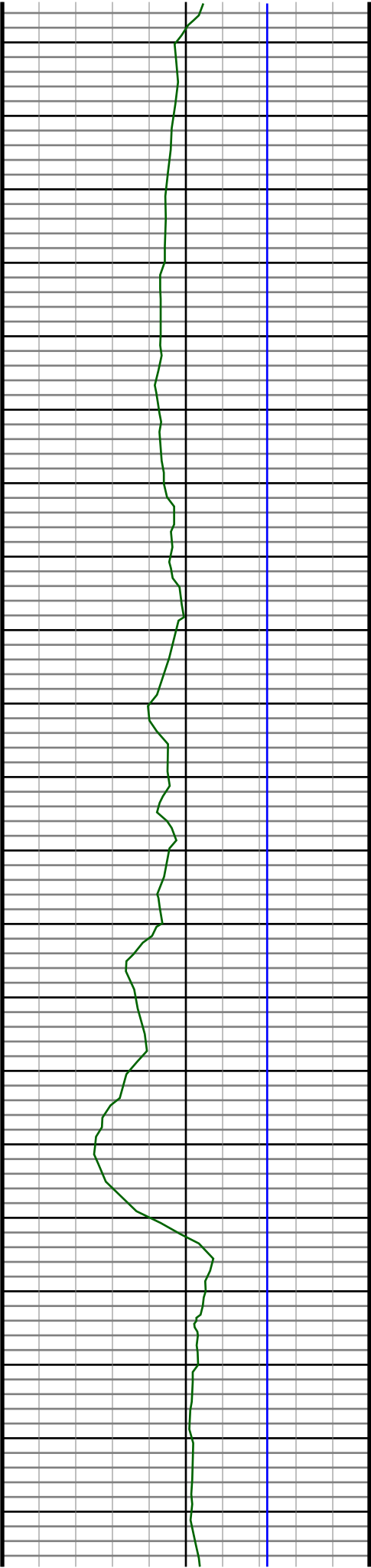
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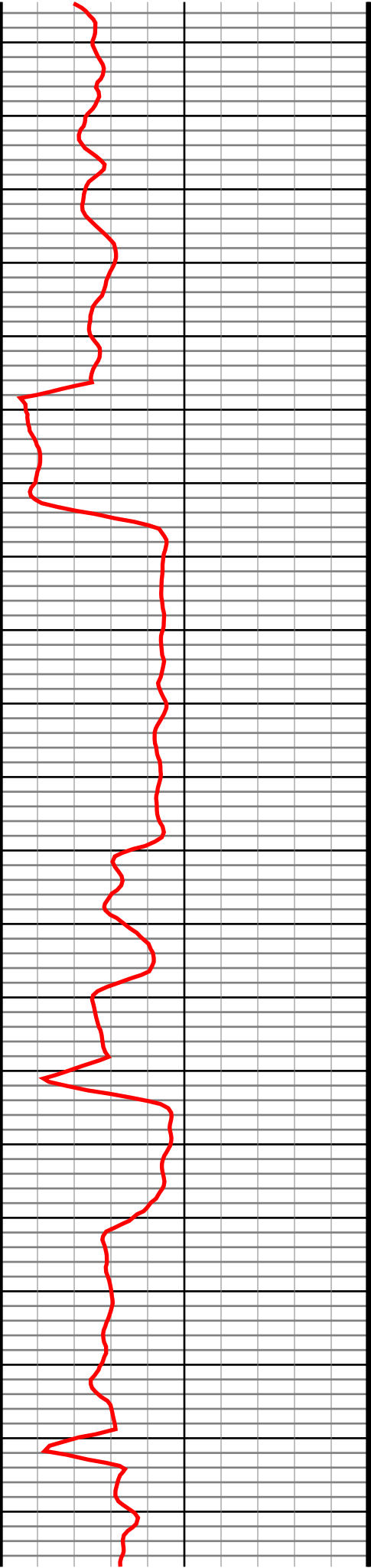
#106 MD(9361.00) Inc(90.0) Azm(269.1) TVD(6866.65)
VS(2554.22) NS(281.11) EW(-2545.86) TEMP(0.0)

#107 MD(9453.00) Inc(90.6) Azm(270.0) TVD(6866.17)
VS(2646.13) NS(280.39) EW(-2637.85) TEMP(0.0)

#108 MD(9544.00) Inc(90.0) Azm(269.5) TVD(6865.69)
VS(2737.05) NS(279.99) EW(-2728.85) TEMP(0.0)

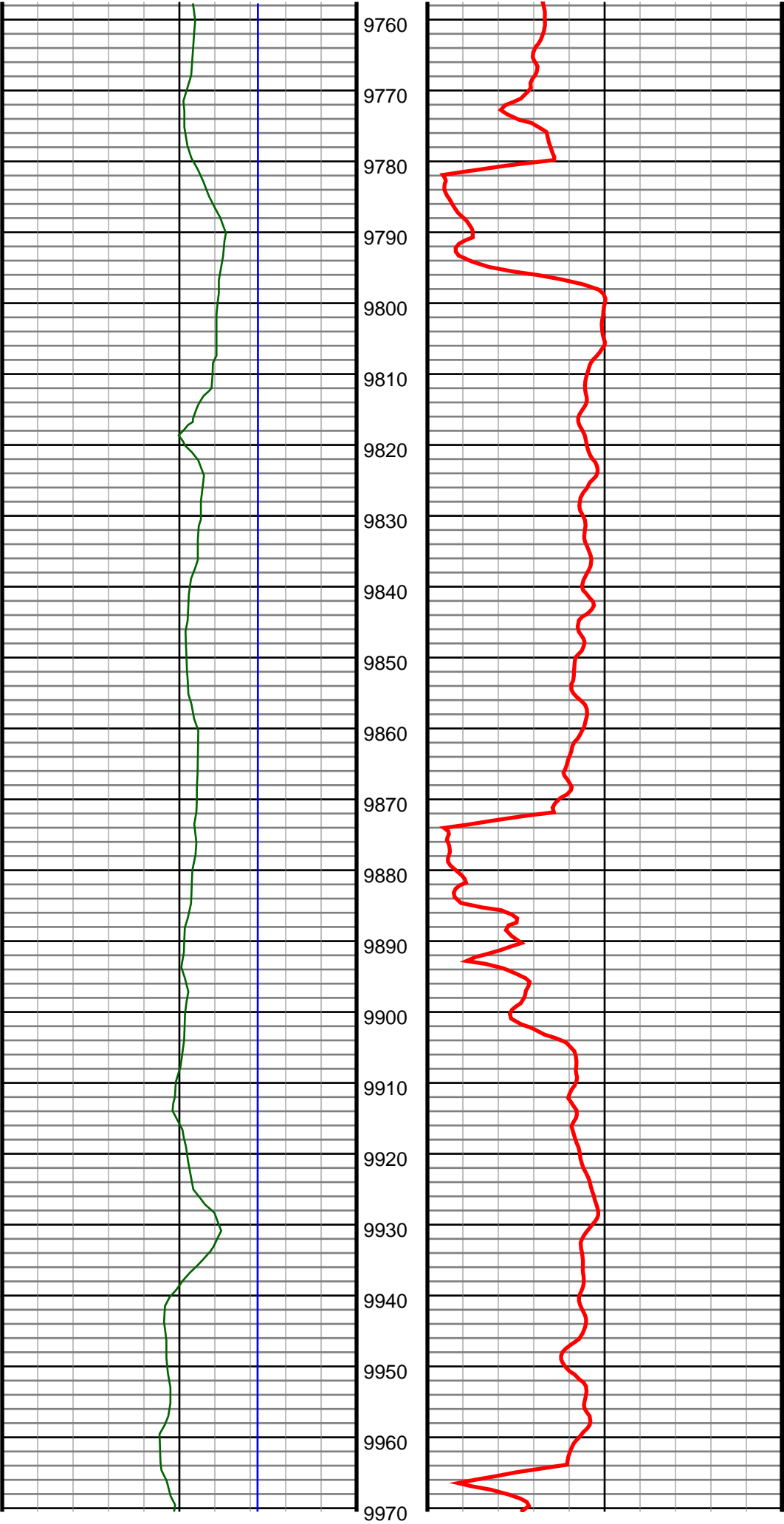


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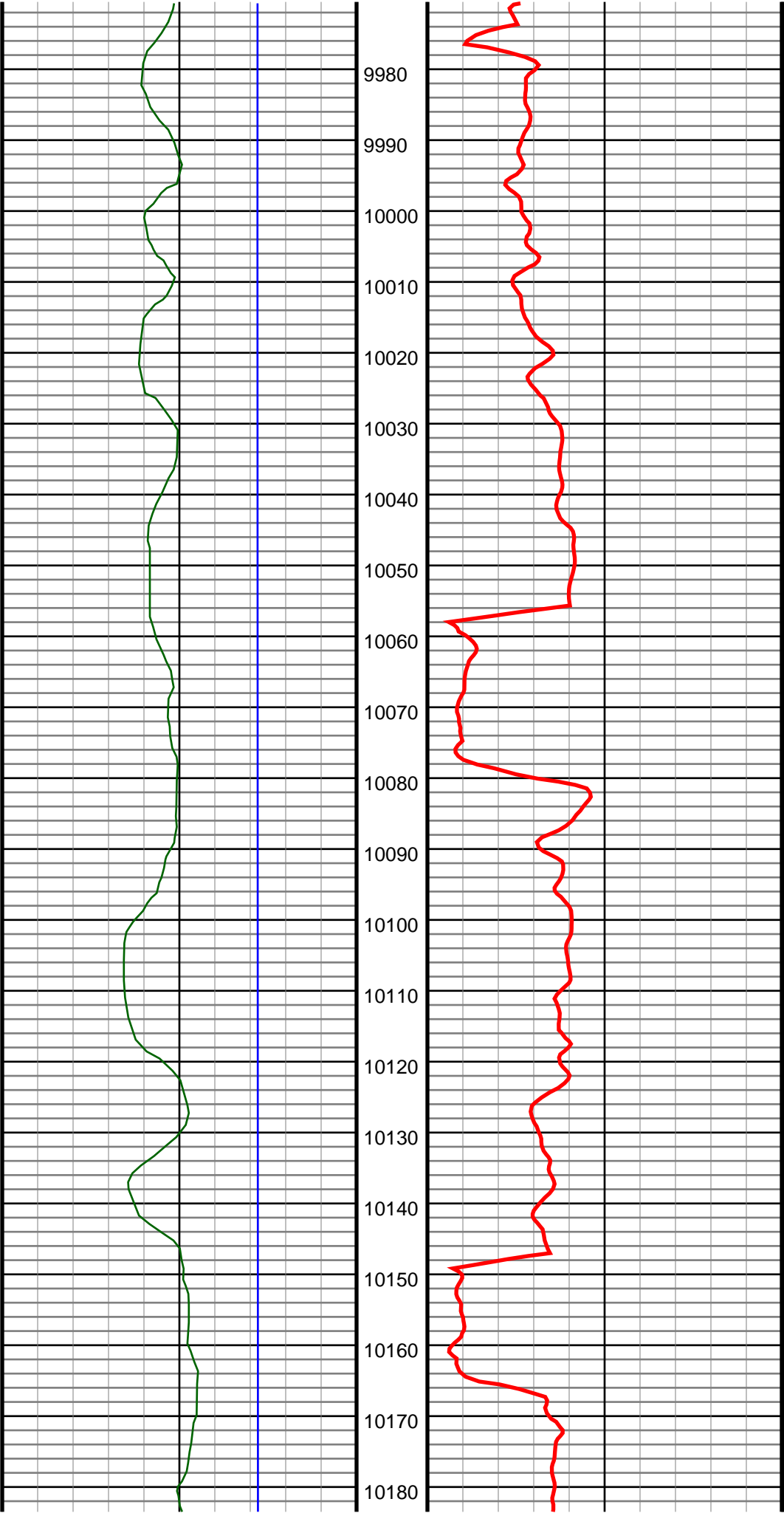
#109 MD(9636.00) Inc(90.3) Azm(270.5) TVD(6865.45)
VS(2828.99) NS(279.99) EW(-2820.85) TEMP(0.0)

#110 MD(9728.00) Inc(89.3) Azm(270.4) TVD(6865.78)
VS(2920.96) NS(280.71) EW(-2912.84) TEMP(0.0)



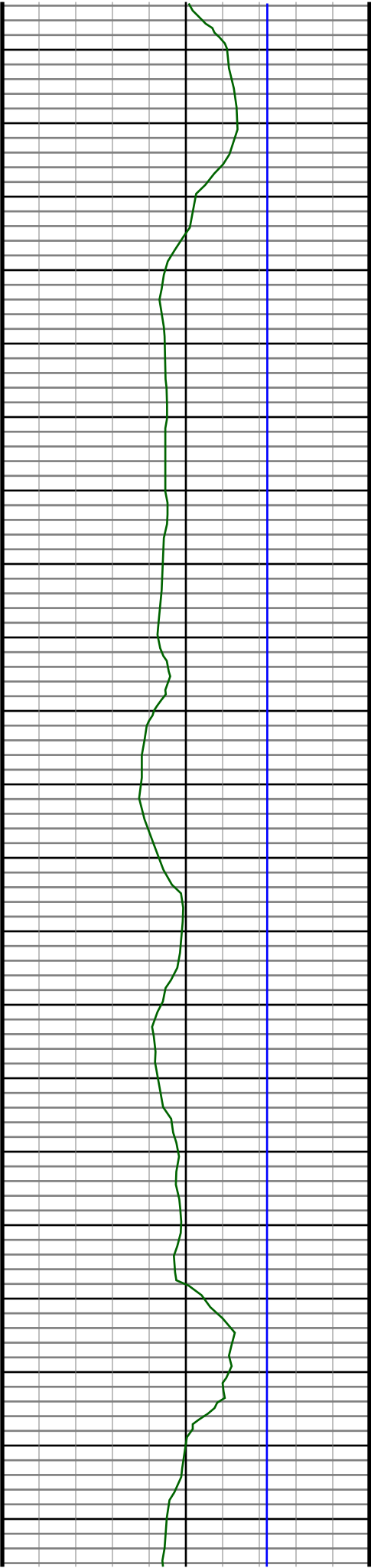
#111 MD(9820.00) Inc(90.3) Azm(269.8) TVD(6866.10)
VS(3012.90) NS(280.87) EW(-3004.84) TEMP(0.0)

#112 MD(9912.00) Inc(90.9) Azm(270.0) TVD(6865.13)
VS(3104.83) NS(280.71) EW(-3096.83) TEMP(0.0)

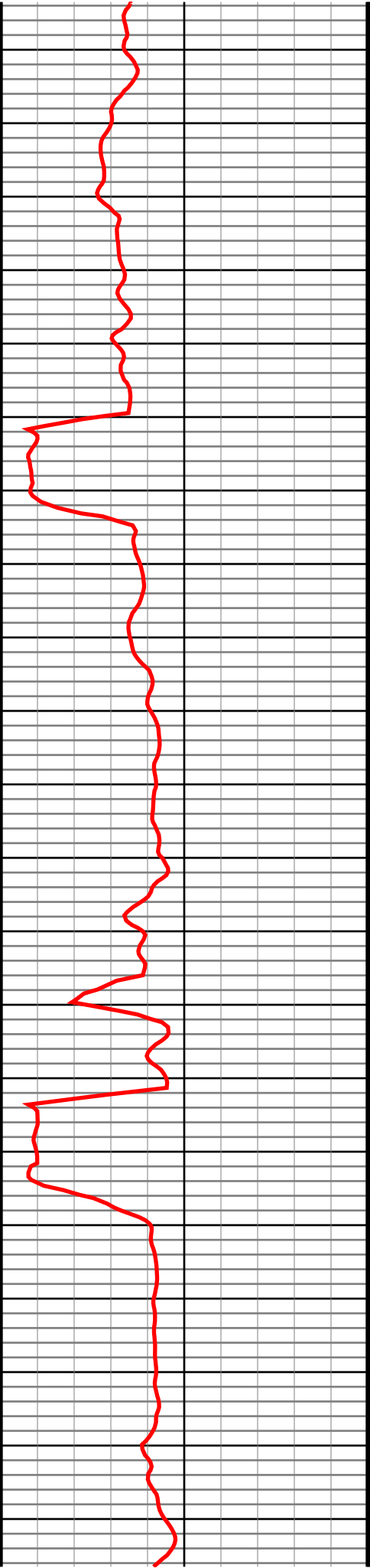


#113 MD(10004.00) Inc(90.0) Azm(269.8) TVD(6864.41)
VS(3196.77) NS(280.55) EW(-3188.83) TEMP(0.0)

#114 MD(10096.00) Inc(89.0) Azm(272.6) TVD(6865.21)
VS(3288.74) NS(282.48) EW(-3280.80) TEMP(0.0)



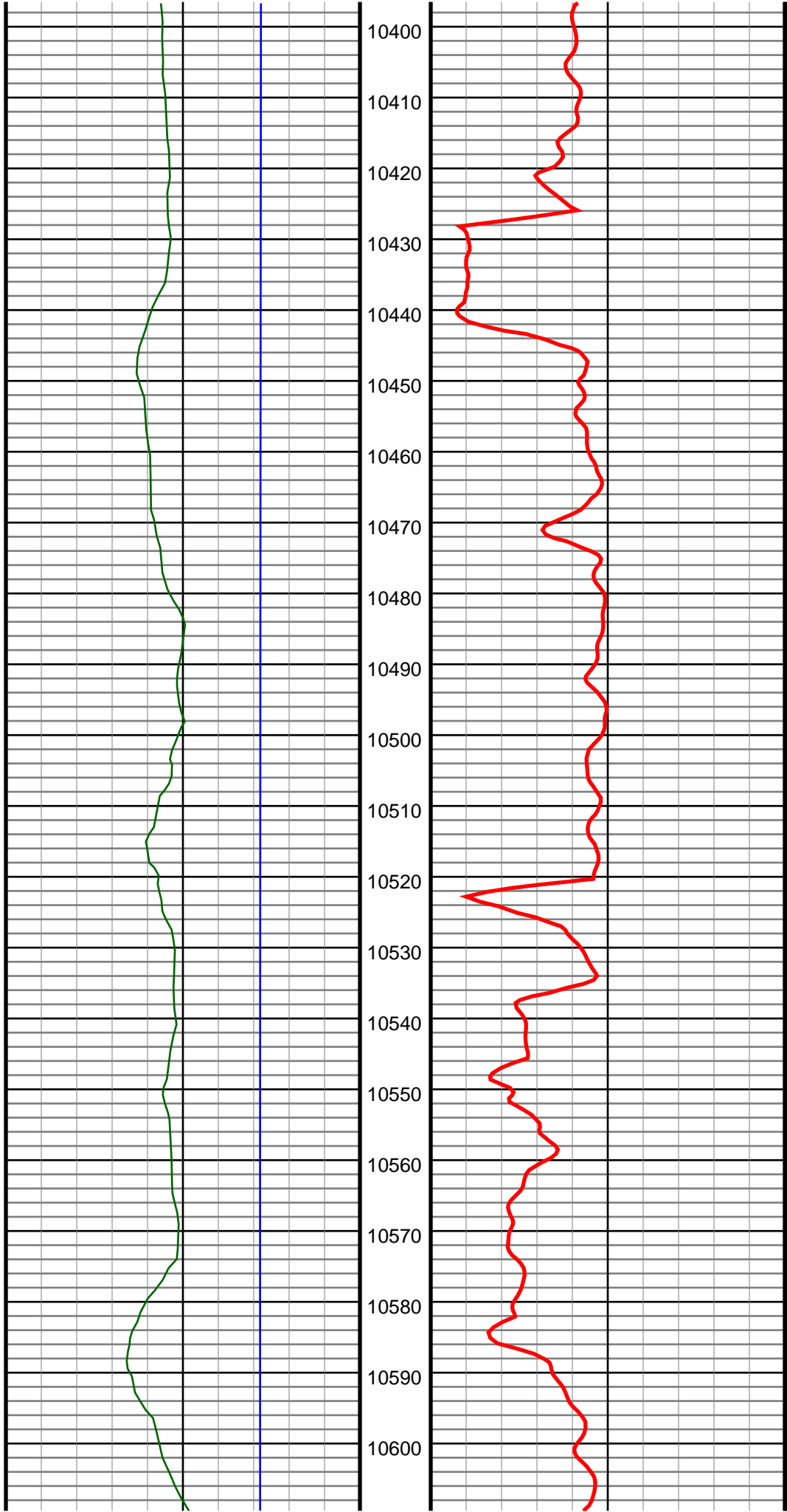
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#115 MD(10188.00) Inc(89.9) Azm(274.1) TVD(6866.10)
VS(3380.71) NS(287.85) EW(-3372.63) TEMP(0.0)

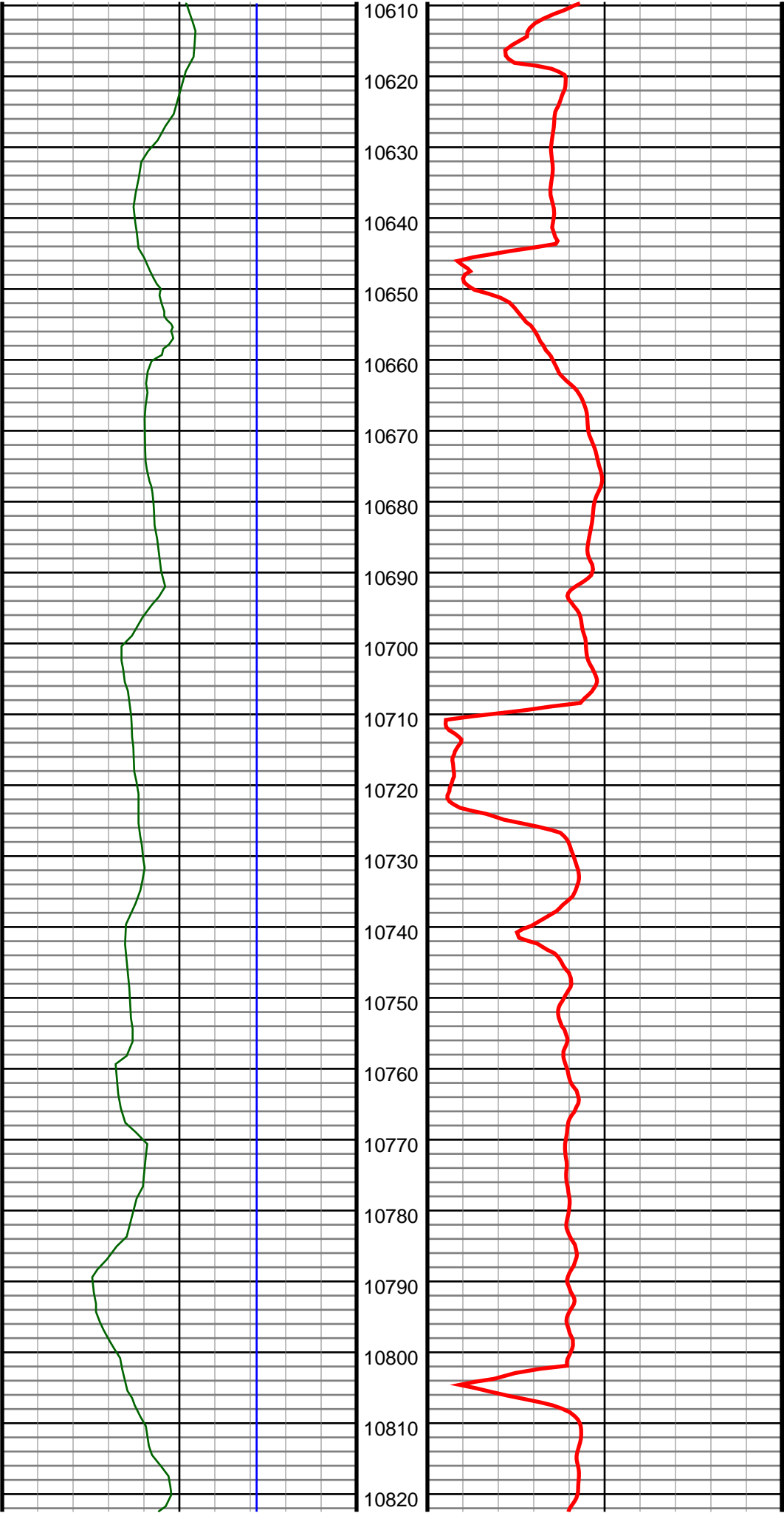
#116 MD(10280.00) Inc(90.2) Azm(273.0) TVD(6866.02)
VS(3472.68) NS(293.55) EW(-3464.45) TEMP(0.0)

#117 MD(10372.00) Inc(91.1) Azm(271.8) TVD(6864.97)
VS(3564.67) NS(297.40) EW(-3556.36) TEMP(0.0)



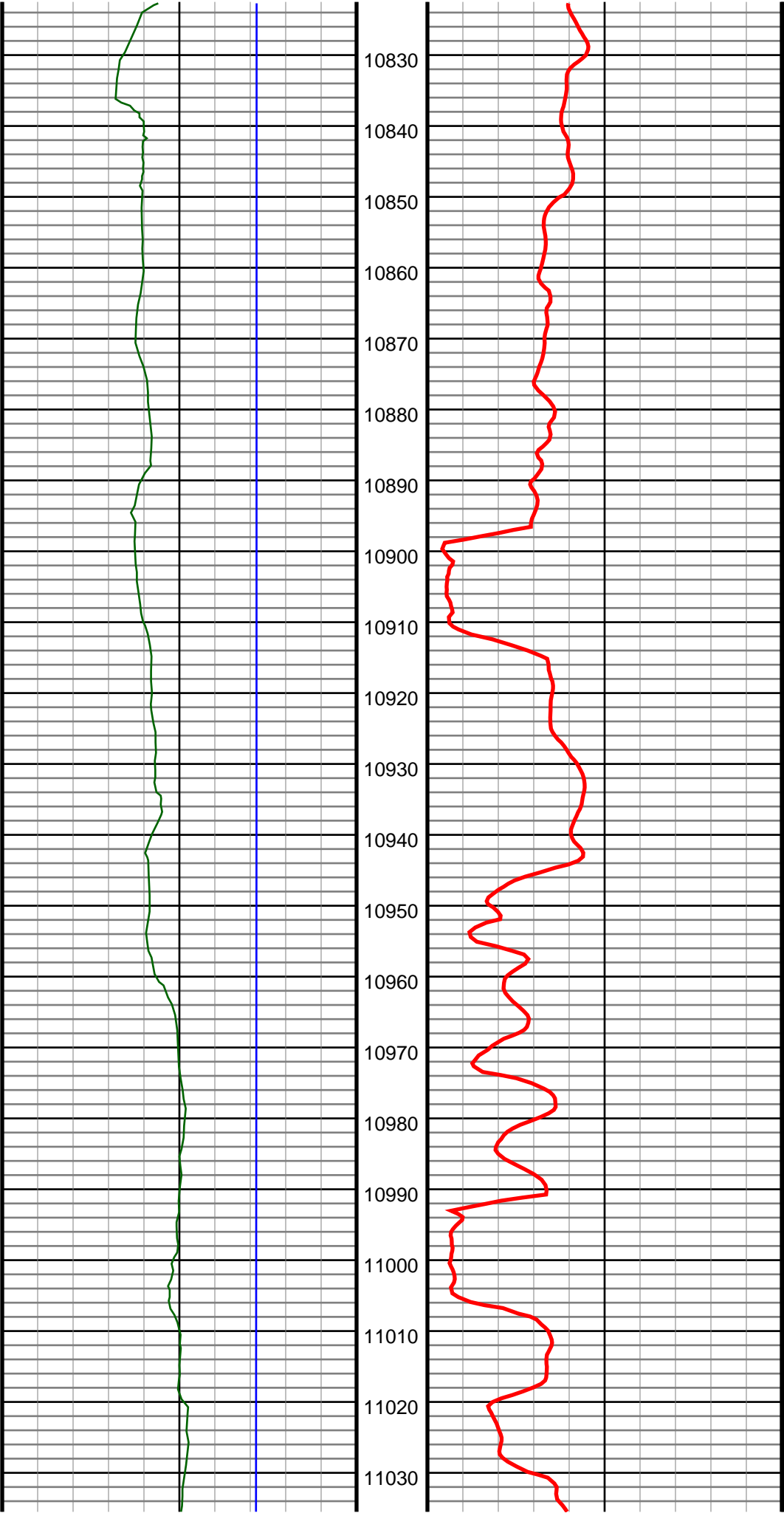
#118 MD(10466.00) Inc(91.5) Azm(269.5) TVD(6862.84)
VS(3658.61) NS(298.47) EW(-3650.33) TEMP(0.0)

#119 MD(10561.00) Inc(90.1) Azm(269.0) TVD(6861.51)
VS(3753.48) NS(297.23) EW(-3745.31) TEMP(0.0)



#120 MD(10655.00) Inc(89.4) Azm(268.3) TVD(6861.92)
VS(3847.32) NS(295.01) EW(-3839.28) TEMP(0.0)

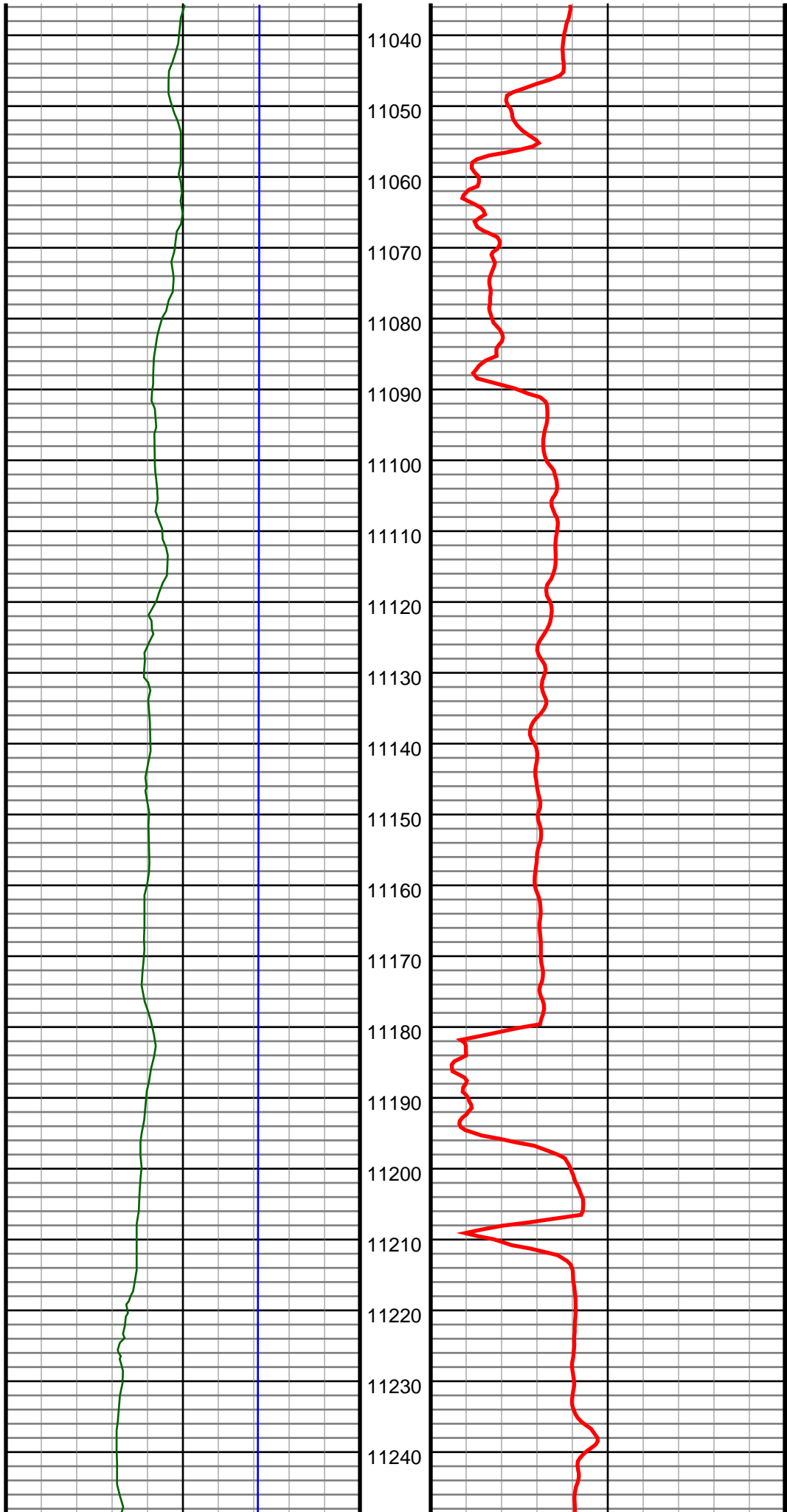
#121 MD(10749.00) Inc(90.7) Azm(269.3) TVD(6861.84)
VS(3941.17) NS(293.04) EW(-3933.25) TEMP(0.0)



#122 MD(10843.00) Inc(89.8) Azm(268.8) TVD(6861.43)
VS(4035.04) NS(291.48) EW(-4027.24) TEMP(0.0)

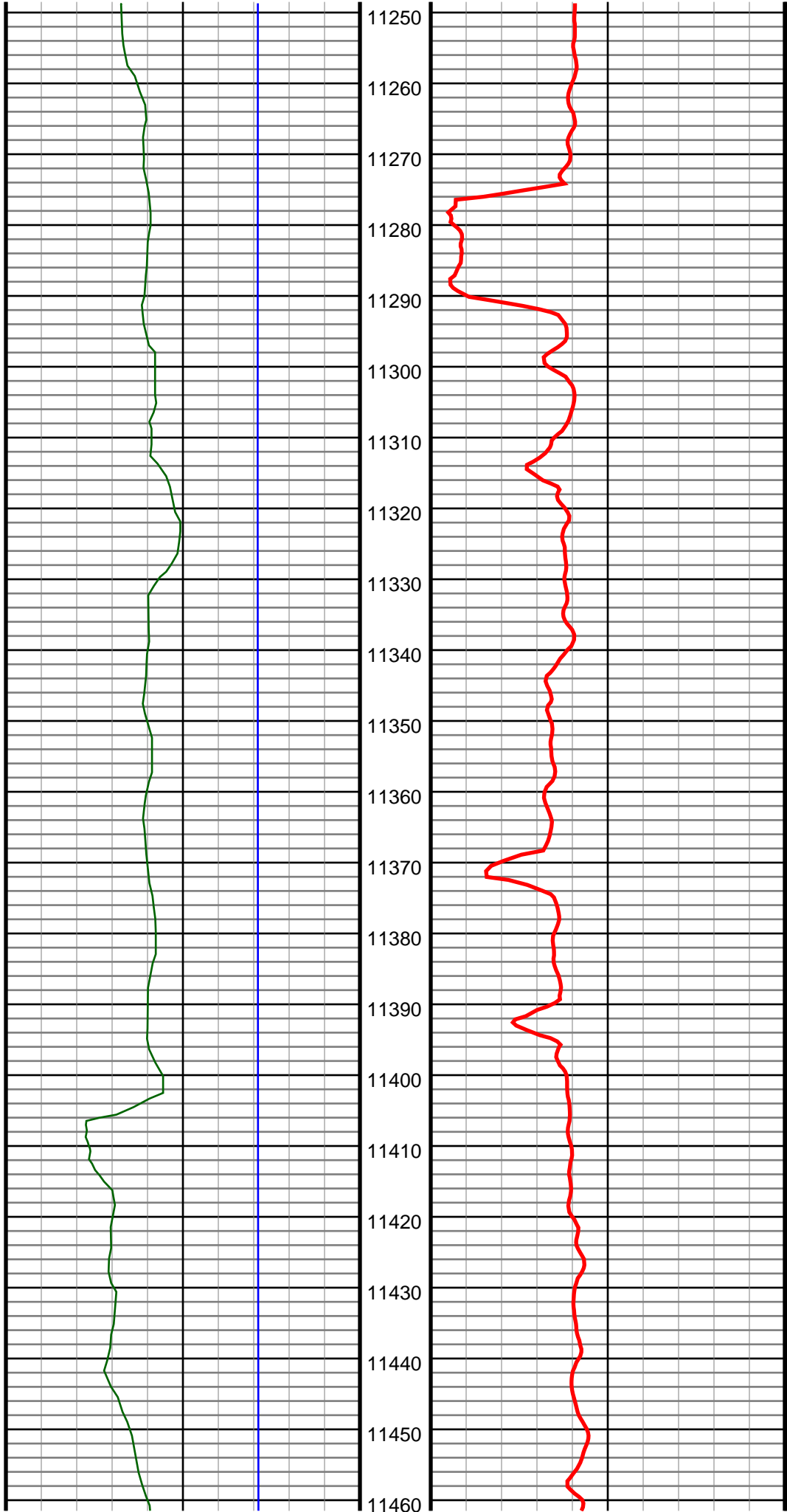
#123 MD(10938.00) Inc(90.5) Azm(267.9) TVD(6861.18)
VS(4129.84) NS(288.75) EW(-4122.20) TEMP(0.0)

#124 MD(11032.00) Inc(91.5) Azm(269.1) TVD(6859.54)
VS(4223.64) NS(286.29) EW(-4216.15) TEMP(0.0)



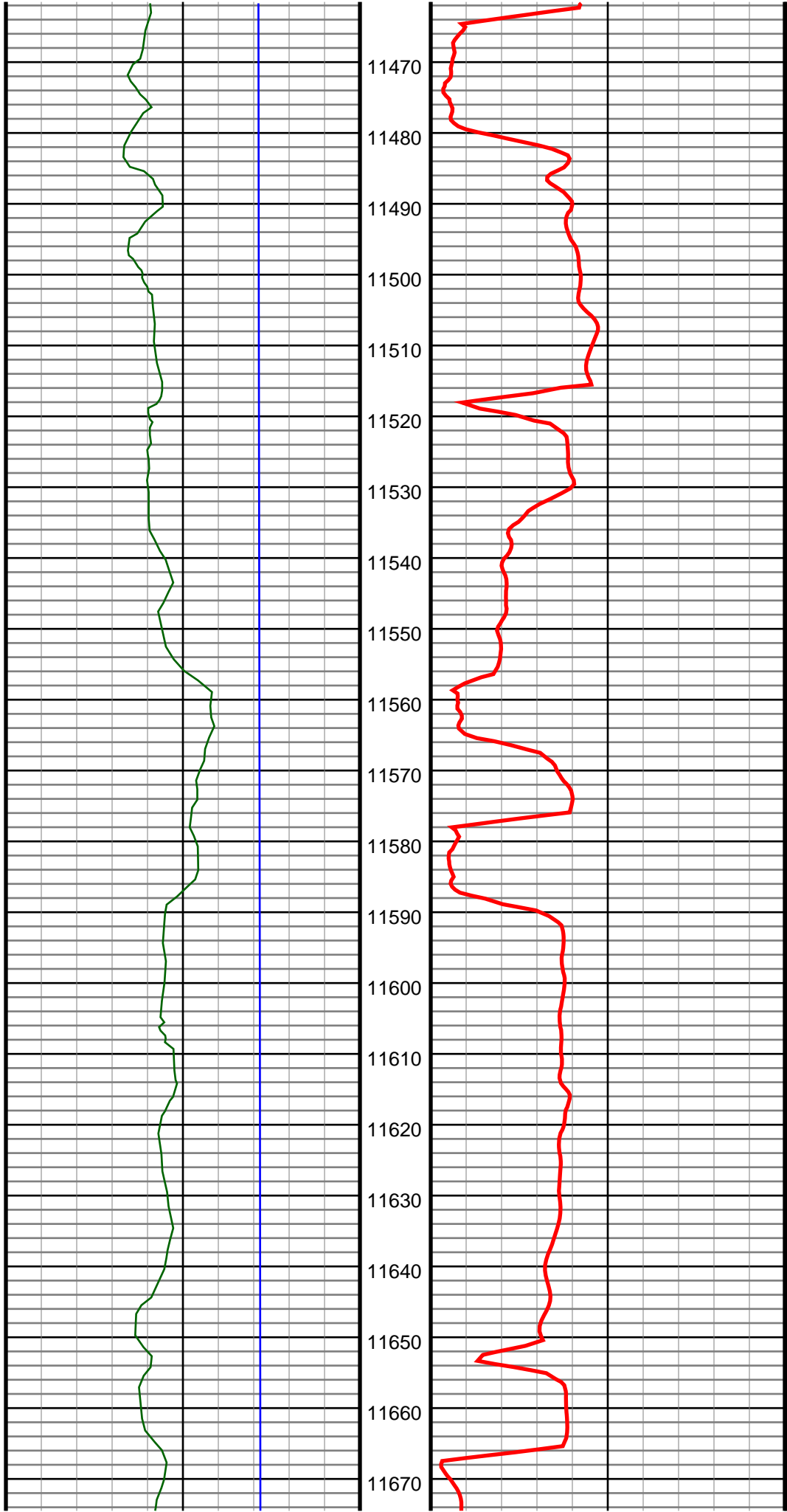
#125 MD(11126.00) Inc(91.7) Azm(268.3) TVD(6856.92)
VS(4317.45) NS(284.16) EW(-4310.09) TEMP(0.0)

#126 MD(11221.00) Inc(91.5) Azm(269.8) TVD(6854.26)
VS(4412.28) NS(282.58) EW(-4405.03) TEMP(0.0)



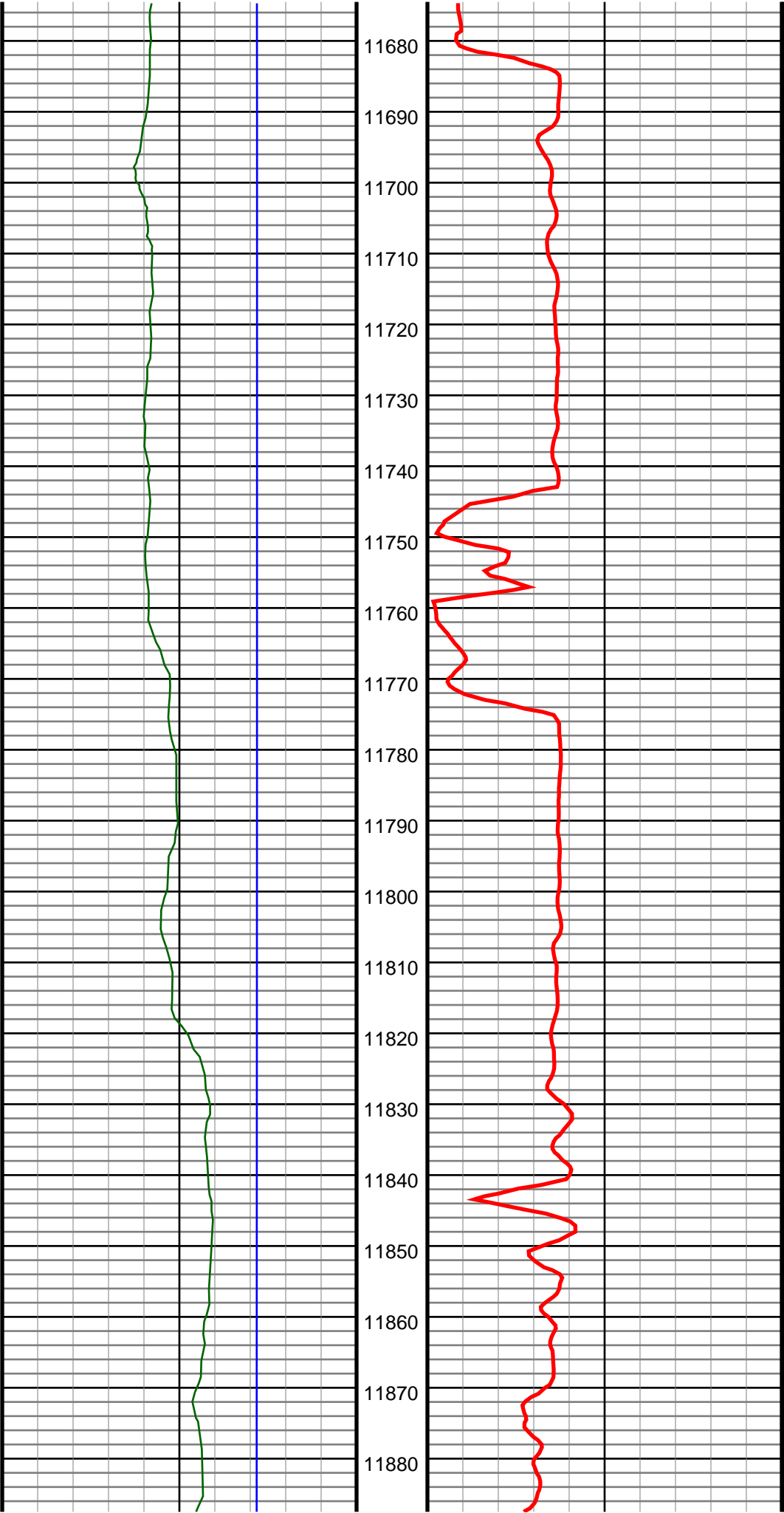
#127 MD(11315.00) Inc(89.6) Azm(268.4) TVD(6853.36)
VS(4506.15) NS(281.11) EW(-4499.01) TEMP(0.0)

#128 MD(11410.00) Inc(89.0) Azm(267.7) TVD(6854.52)
VS(4600.91) NS(277.87) EW(-4593.95) TEMP(0.0)



#129 MD(11504.00) Inc(87.8) Azm(269.8) TVD(6857.15)
VS(4694.71) NS(275.82) EW(-4687.88) TEMP(0.0)

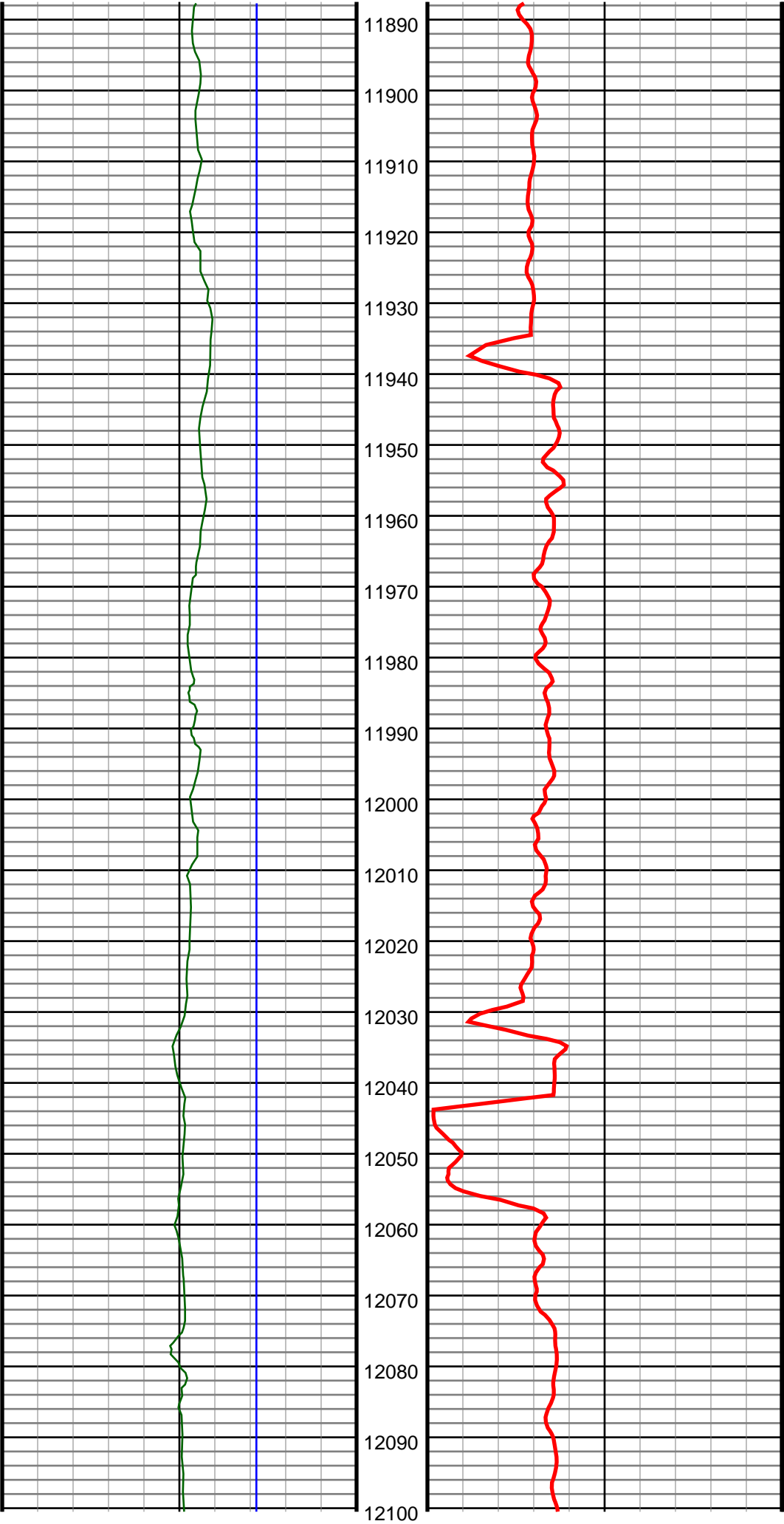
#130 MD(11598.00) Inc(87.9) Azm(269.8) TVD(6860.67)
VS(4788.57) NS(275.50) EW(-4781.82) TEMP(0.0)



#131 MD(11692.00) Inc(89.3) Azm(270.5) TVD(6862.97)
VS(4882.49) NS(275.74) EW(-4875.78) TEMP(0.0)

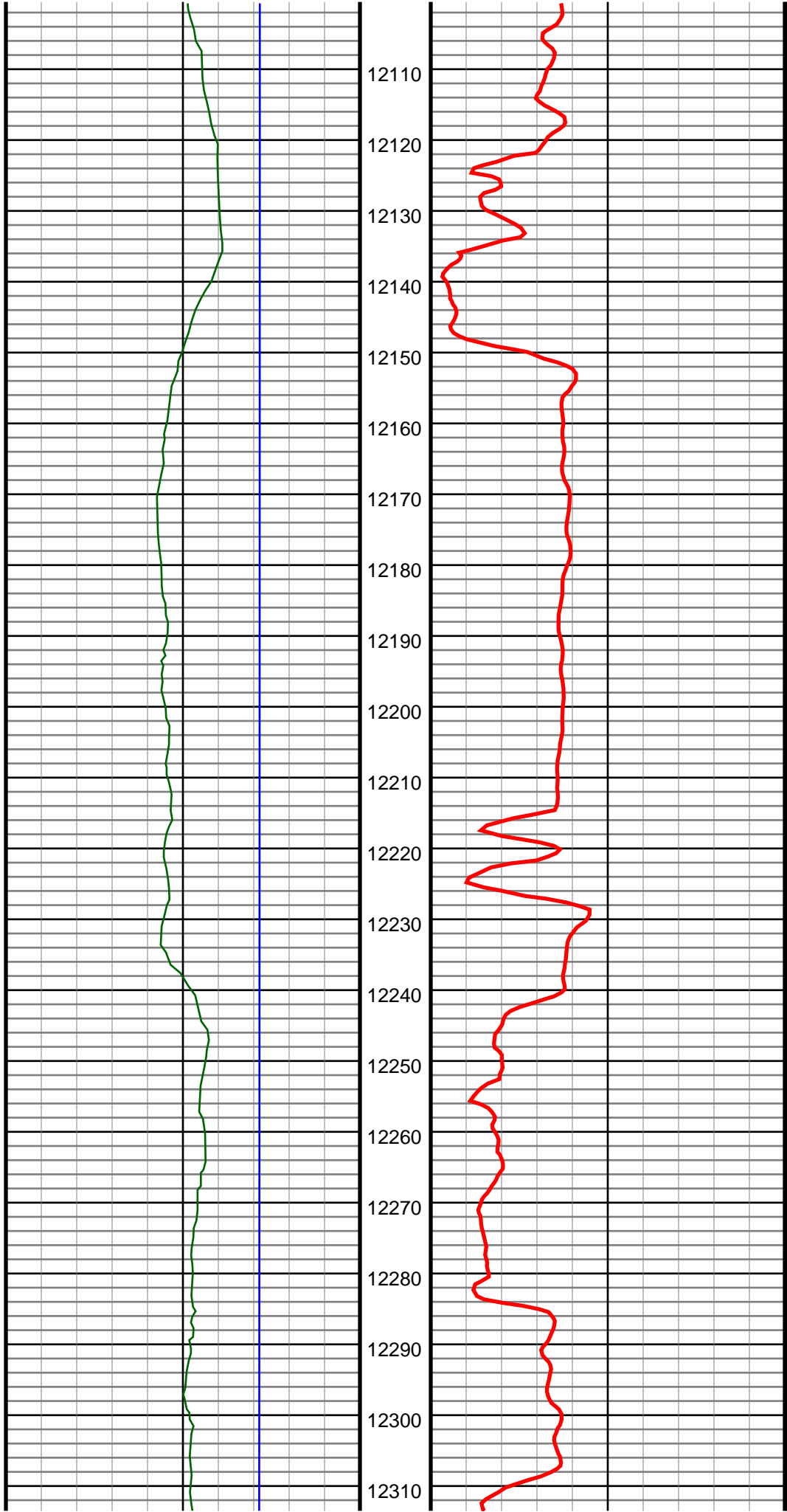
#132 MD(11786.00) Inc(90.9) Azm(270.2) TVD(6862.81)
VS(4976.45) NS(276.32) EW(-4969.78) TEMP(0.0)

#133 MD(11880.00) Inc(90.4) Azm(269.7) TVD(6861.74)
VS(5070.38) NS(276.23) EW(-5063.77) TEMP(0.0)



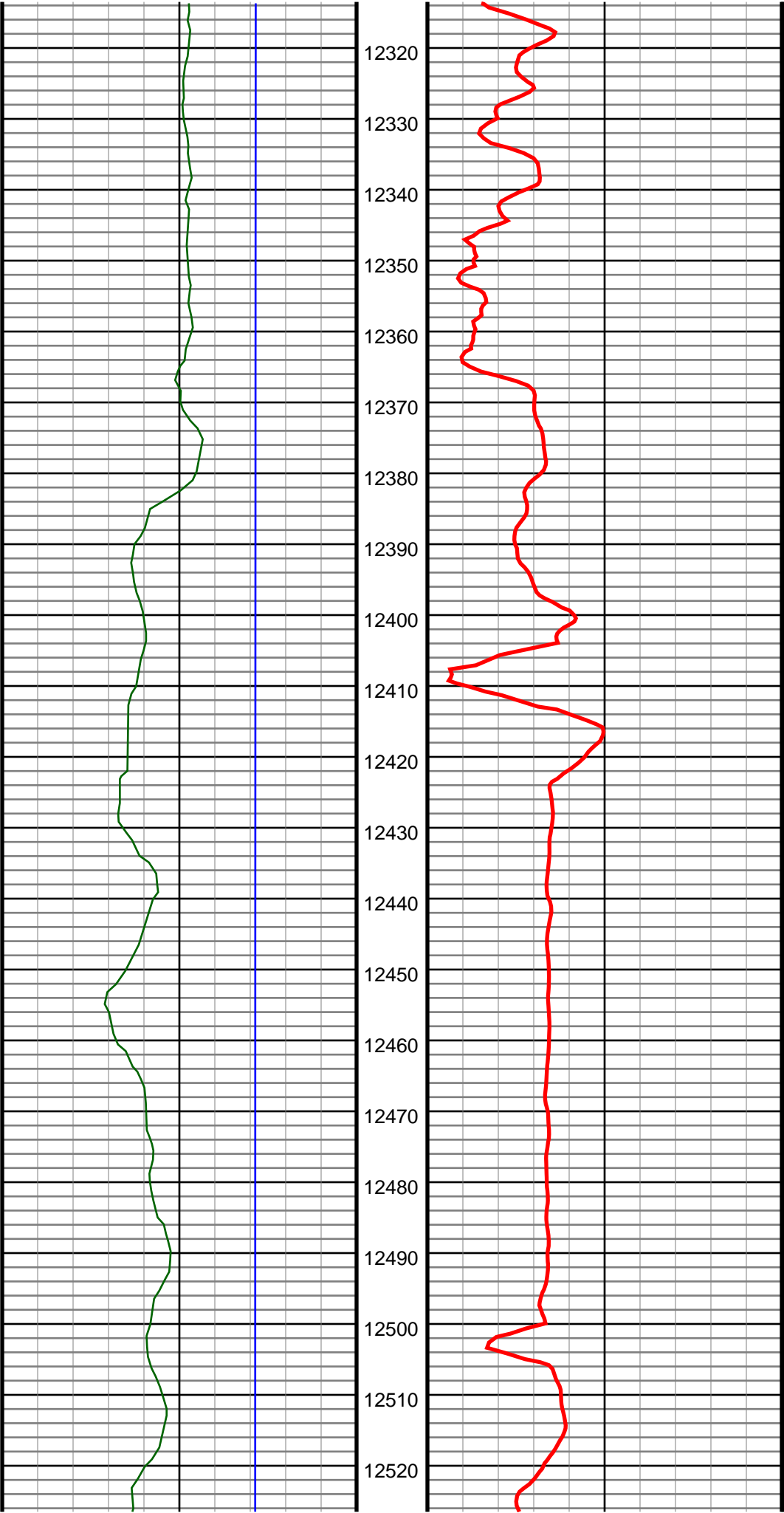
#134 MD(11975.00) Inc(90.2) Azm(268.6) TVD(6861.24)
VS(5165.26) NS(274.82) EW(-5158.76) TEMP(0.0)

#135 MD(12069.00) Inc(90.3) Azm(269.1) TVD(6860.83)
VS(5259.11) NS(272.94) EW(-5252.74) TEMP(0.0)



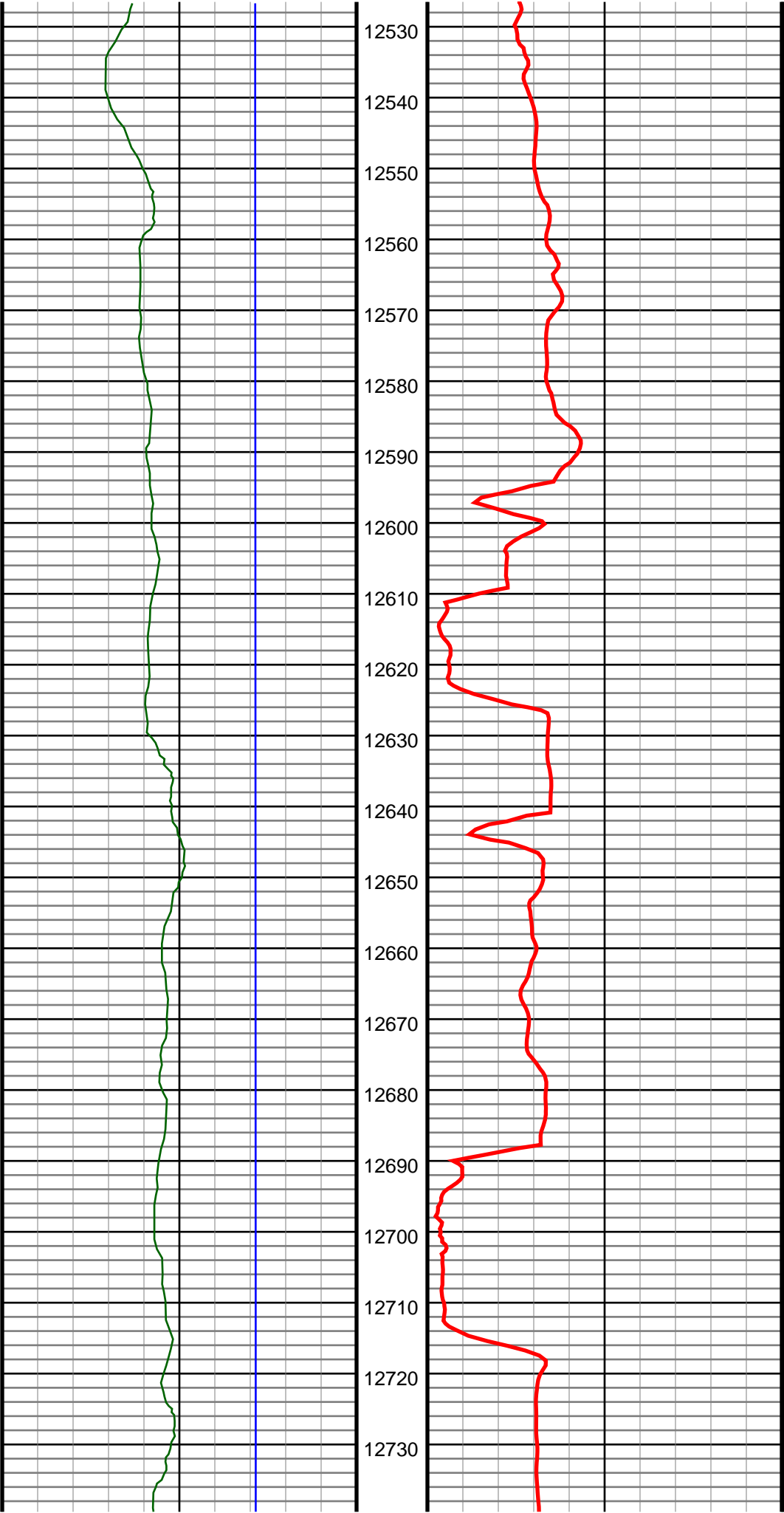
#136 MD(12163.00) Inc(90.3) Azm(270.0) TVD(6860.34)
VS(5353.02) NS(272.20) EW(-5346.73) TEMP(0.0)

#137 MD(12258.00) Inc(90.9) Azm(270.5) TVD(6859.35)
VS(5447.97) NS(272.61) EW(-5441.73) TEMP(0.0)



#138 MD(12352.00) Inc(90.8) Azm(269.8) TVD(6857.95)
VS(5541.91) NS(272.86) EW(-5535.72) TEMP(0.0)

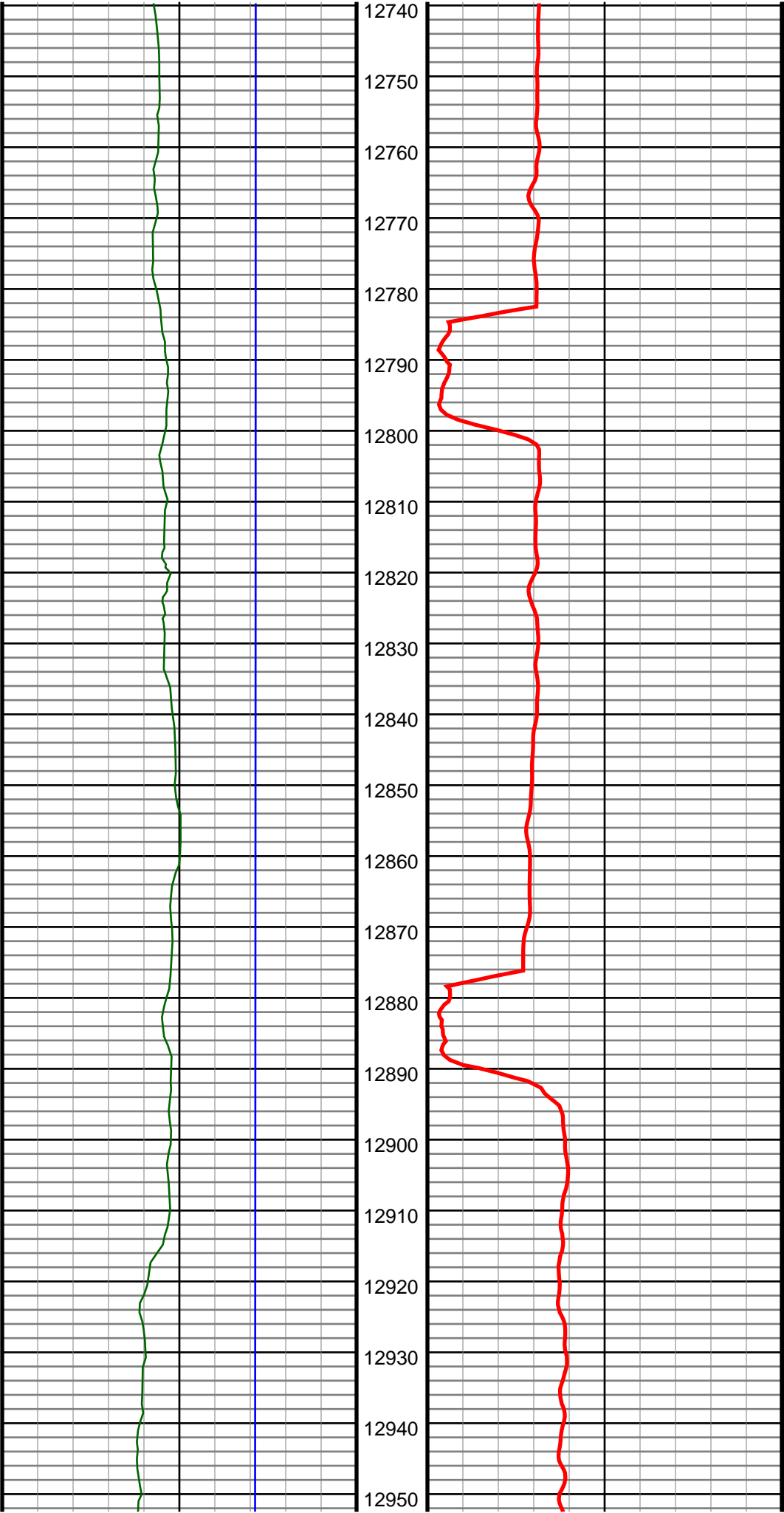
#139 MD(12446.00) Inc(90.3) Azm(269.0) TVD(6857.05)
VS(5635.80) NS(271.88) EW(-5629.71) TEMP(0.0)



#140 MD(12540.00) Inc(90.1) Azm(268.3) TVD(6856.72)
VS(5729.64) NS(269.66) EW(-5723.68) TEMP(0.0)

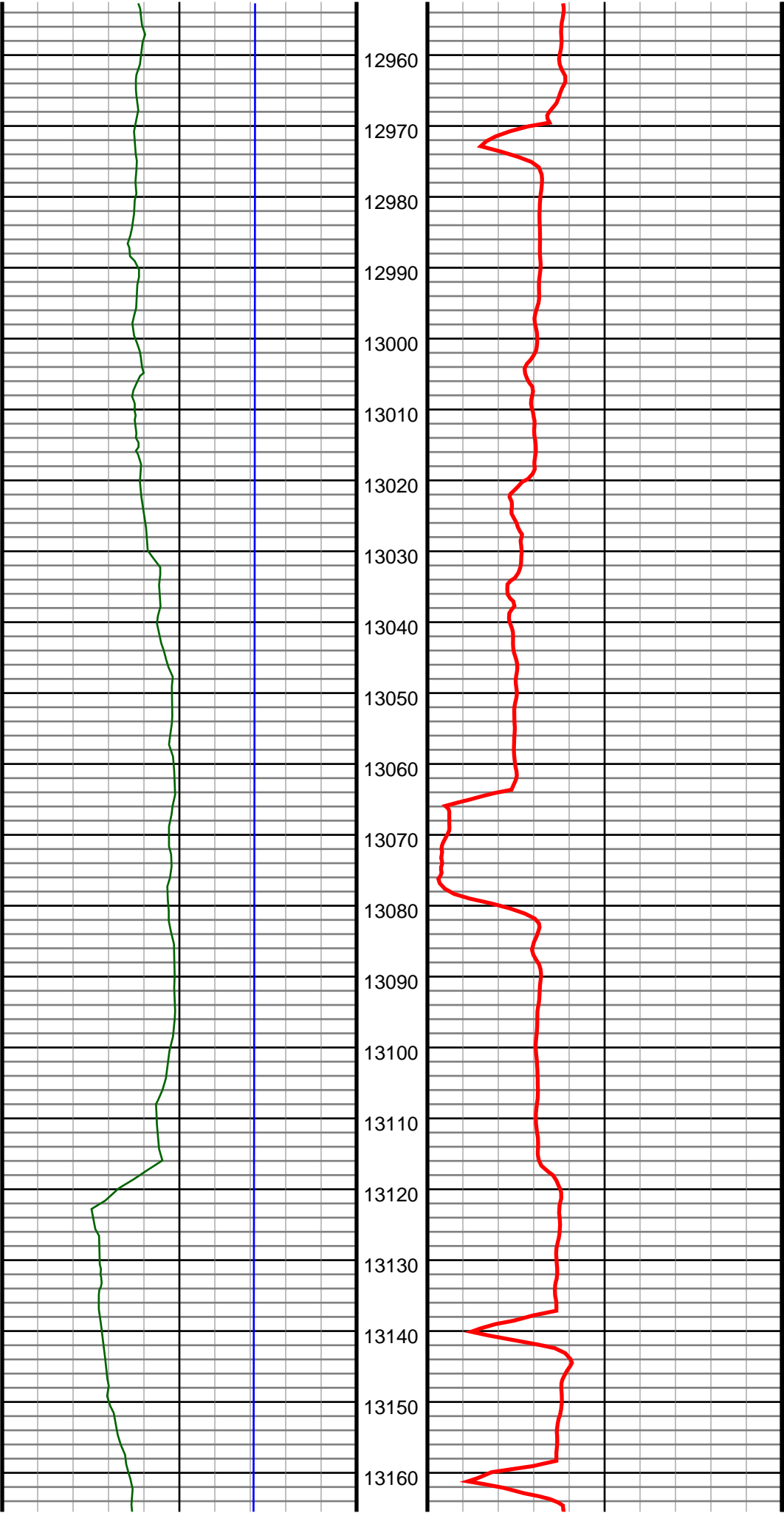
#141 MD(12635.00) Inc(88.7) Azm(269.8) TVD(6857.72)
VS(5824.50) NS(268.09) EW(-5818.65) TEMP(0.0)

#142 MD(12730.00) Inc(90.3) Azm(268.1) TVD(6858.54)
VS(5919.35) NS(266.35) EW(-5913.63) TEMP(0.0)



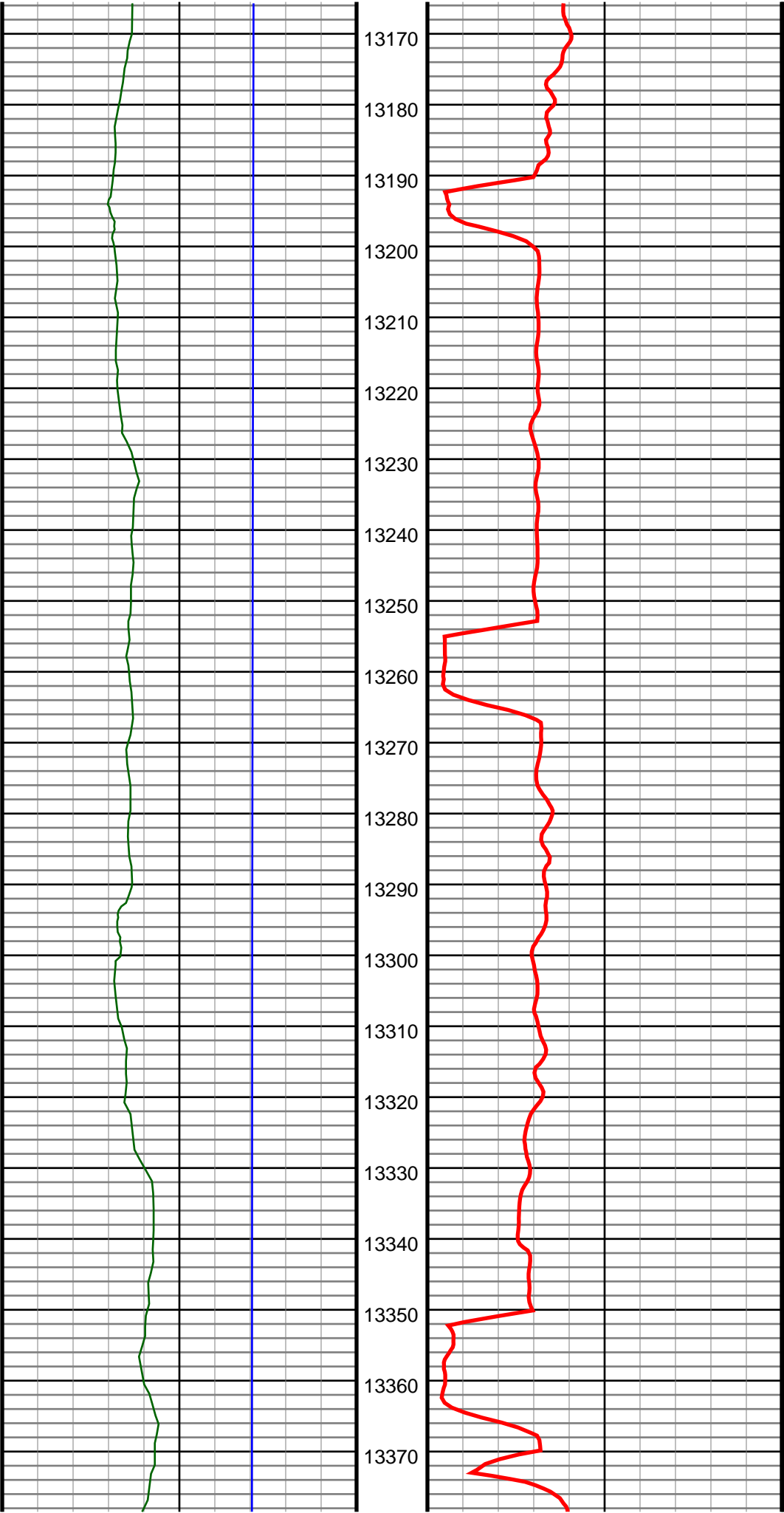
#143 MD(12824.00) Inc(90.2) Azm(270.2) TVD(6858.13)
VS(6013.23) NS(264.95) EW(-6007.61) TEMP(0.0)

#144 MD(12918.00) Inc(91.3) Azm(270.4) TVD(6856.90)
VS(6107.17) NS(265.44) EW(-6101.60) TEMP(0.0)



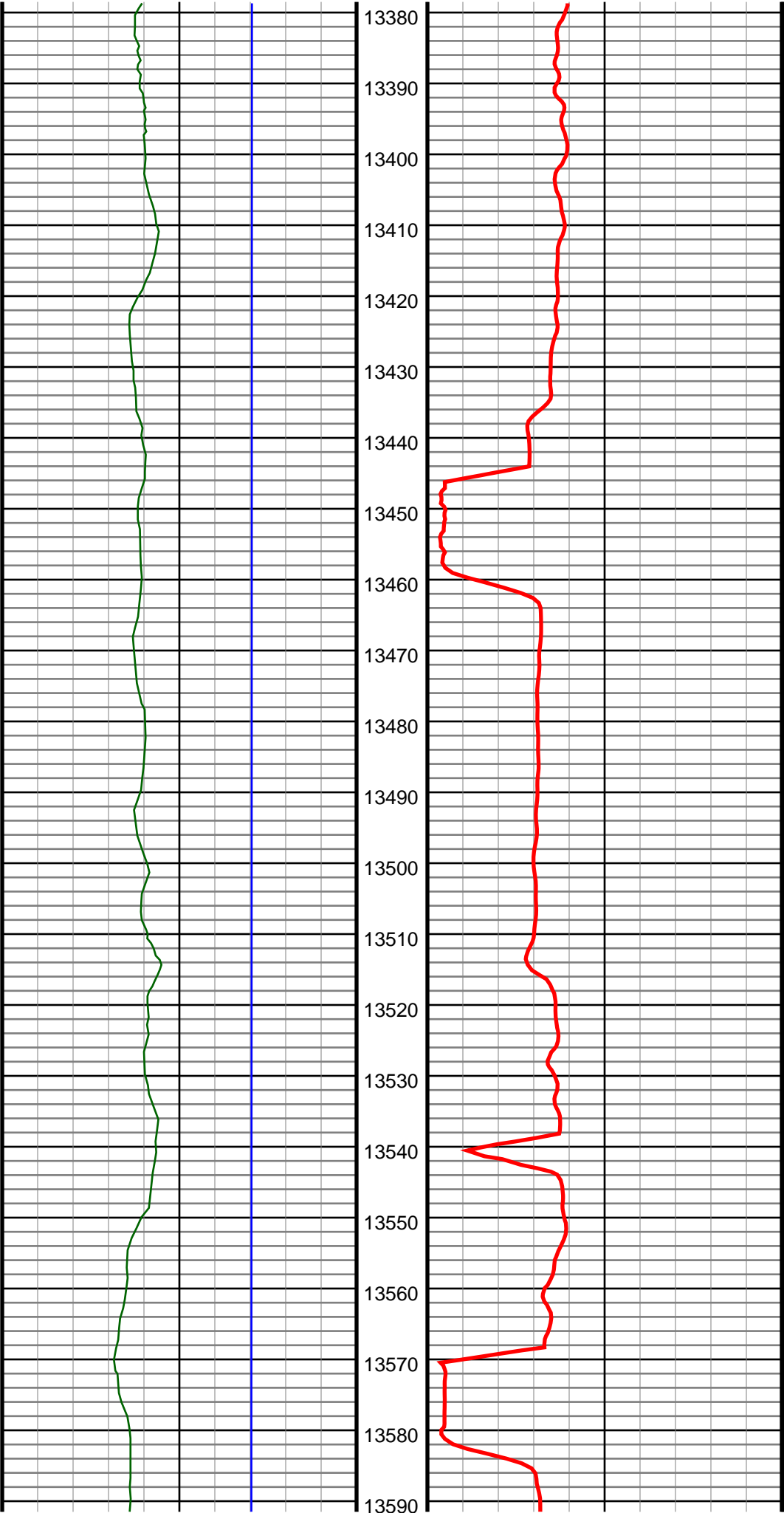
#145 MD(13012.00) Inc(90.6) Azm(267.9) TVD(6855.35)
VS(6201.03) NS(264.05) EW(-6195.57) TEMP(0.0)

#146 MD(13107.00) Inc(92.0) Azm(269.5) TVD(6853.19)
VS(6295.84) NS(261.89) EW(-6290.52) TEMP(0.0)



#147 MD(13202.00) Inc(92.2) Azm(268.6) TVD(6849.71)
VS(6390.65) NS(260.32) EW(-6385.44) TEMP(0.0)

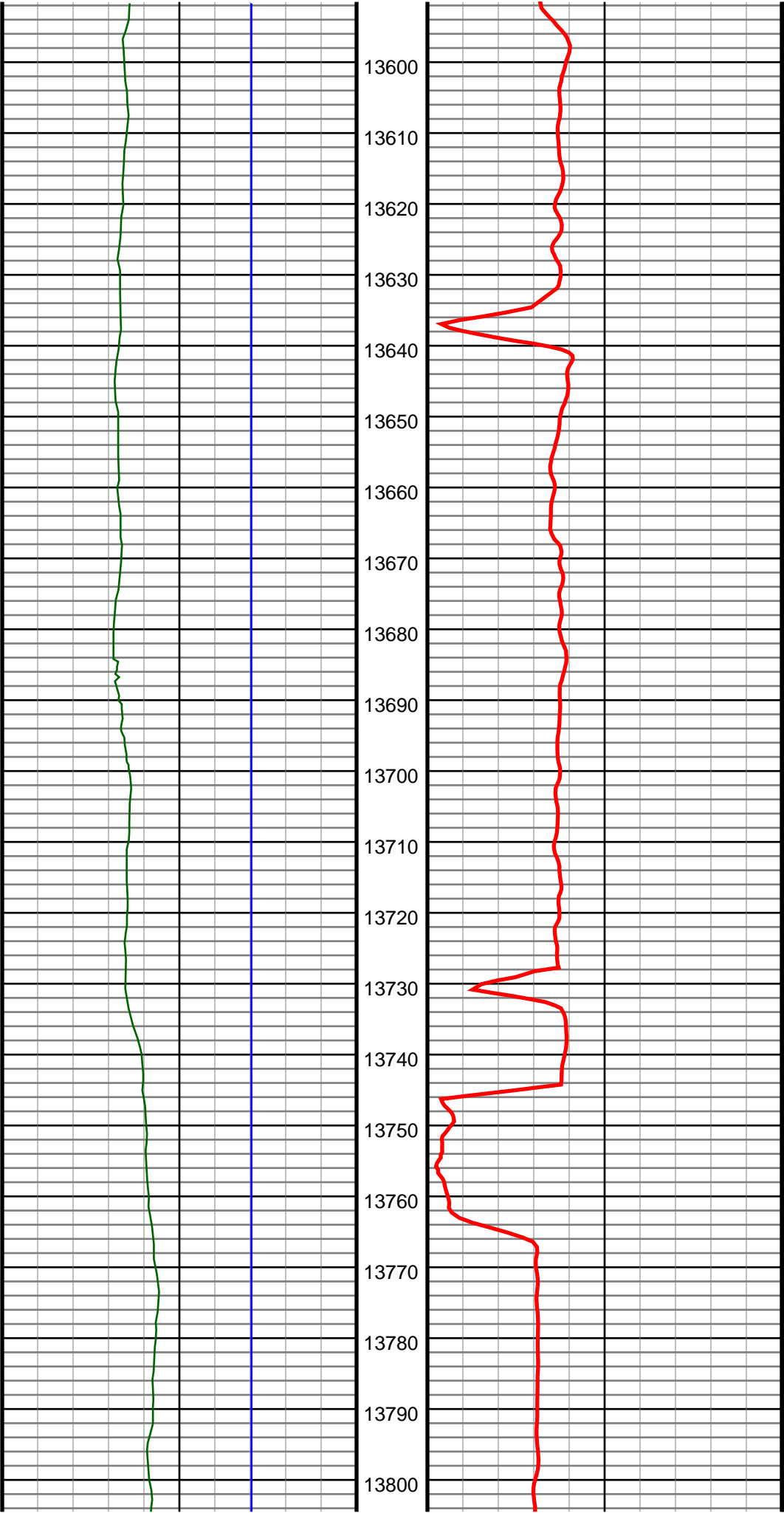
#148 MD(13296.00) Inc(91.5) Azm(269.0) TVD(6846.67)
VS(6484.45) NS(258.35) EW(-6479.37) TEMP(0.0)



#149 MD(13391.00) Inc(89.8) Azm(268.6) TVD(6845.60)
VS(6579.29) NS(256.36) EW(-6574.34) TEMP(0.0)

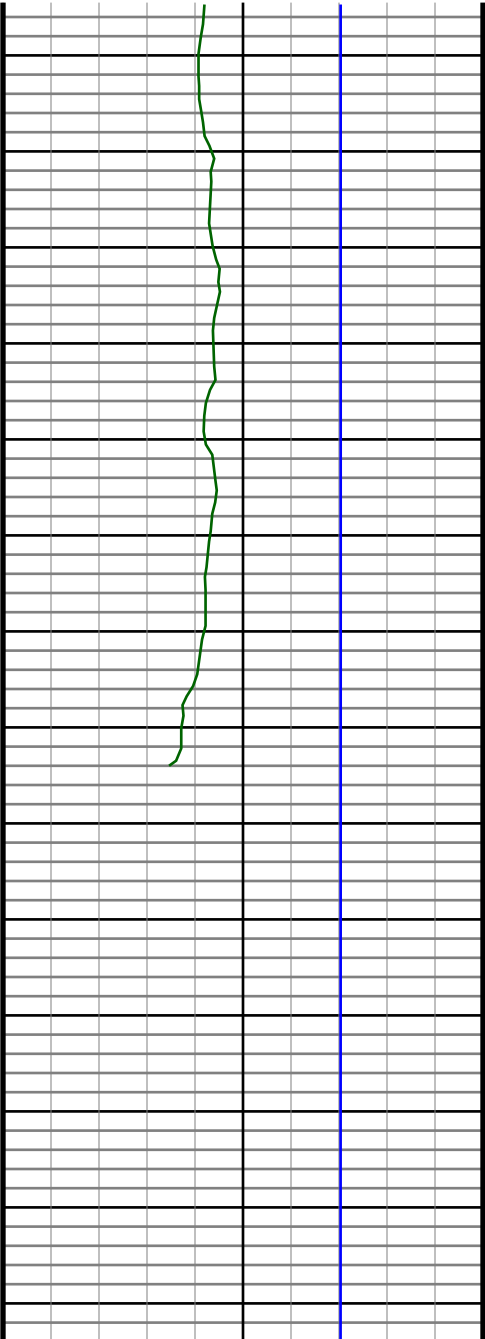
#150 MD(13485.00) Inc(91.0) Azm(269.3) TVD(6844.94)
VS(6673.15) NS(254.64) EW(-6668.32) TEMP(0.0)

#151 MD(13580.00) Inc(90.4) Azm(269.3) TVD(6843.78)
VS(6768.04) NS(253.48) EW(-6763.30) TEMP(0.0)

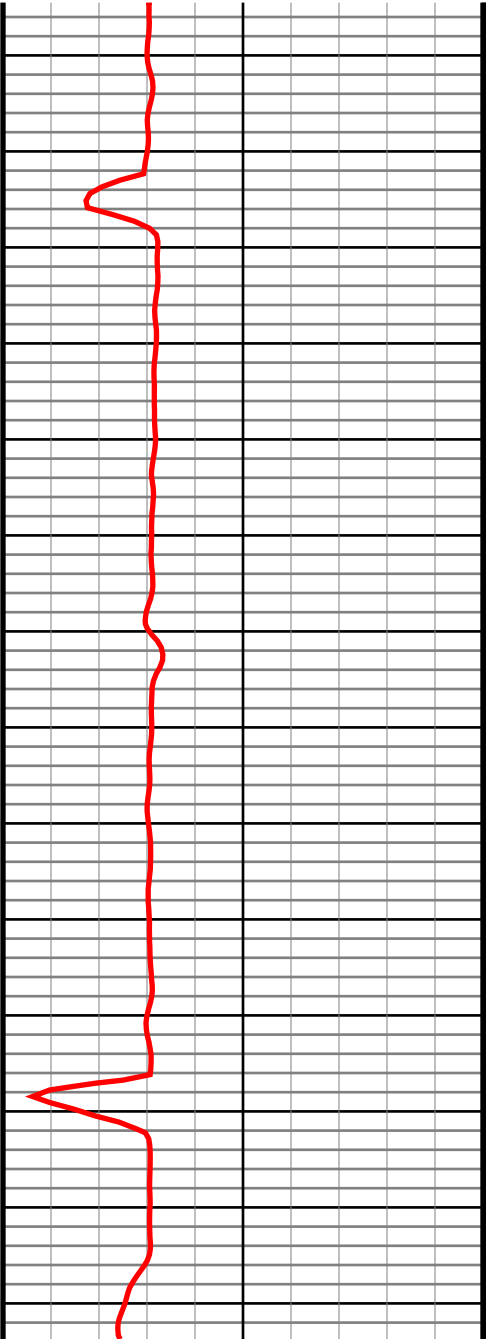


#152 MD(13674.00) Inc(89.8) Azm(268.8) TVD(6843.62)
VS(6861.91) NS(251.92) EW(-6857.29) TEMP(0.0)

#153 MD(13768.00) Inc(89.7) Azm(269.3) TVD(6844.03)
VS(6955.78) NS(250.36) EW(-6951.27) TEMP(0.0)



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#154 MD(13861.00) Inc(90.0) Azm(270.0) TVD(6844.27)
VS(7048.70) NS(249.79) EW(-7044.27) TEMP(0.0)

#155 MD(13889.00) Inc(90.3) Azm(269.5) TVD(6844.20)
VS(7076.68) NS(249.67) EW(-7072.27) TEMP(0.0)

