



ARELLANO L-10-9HN

MD
5":100'

Company: Bayswater Exploration & Production, LLC

Well Name: ARELLANO L-10-9HN

API: 05-123-41113-00

Rig Id: Frontier 8

State: CO

County/Parish: Weld

Country: United States

Survey Company: Ensign Directional Services

Job number: 207-F8-37

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: 7268 ft 5/10/2015
End: 13677 ft 5/13/2015

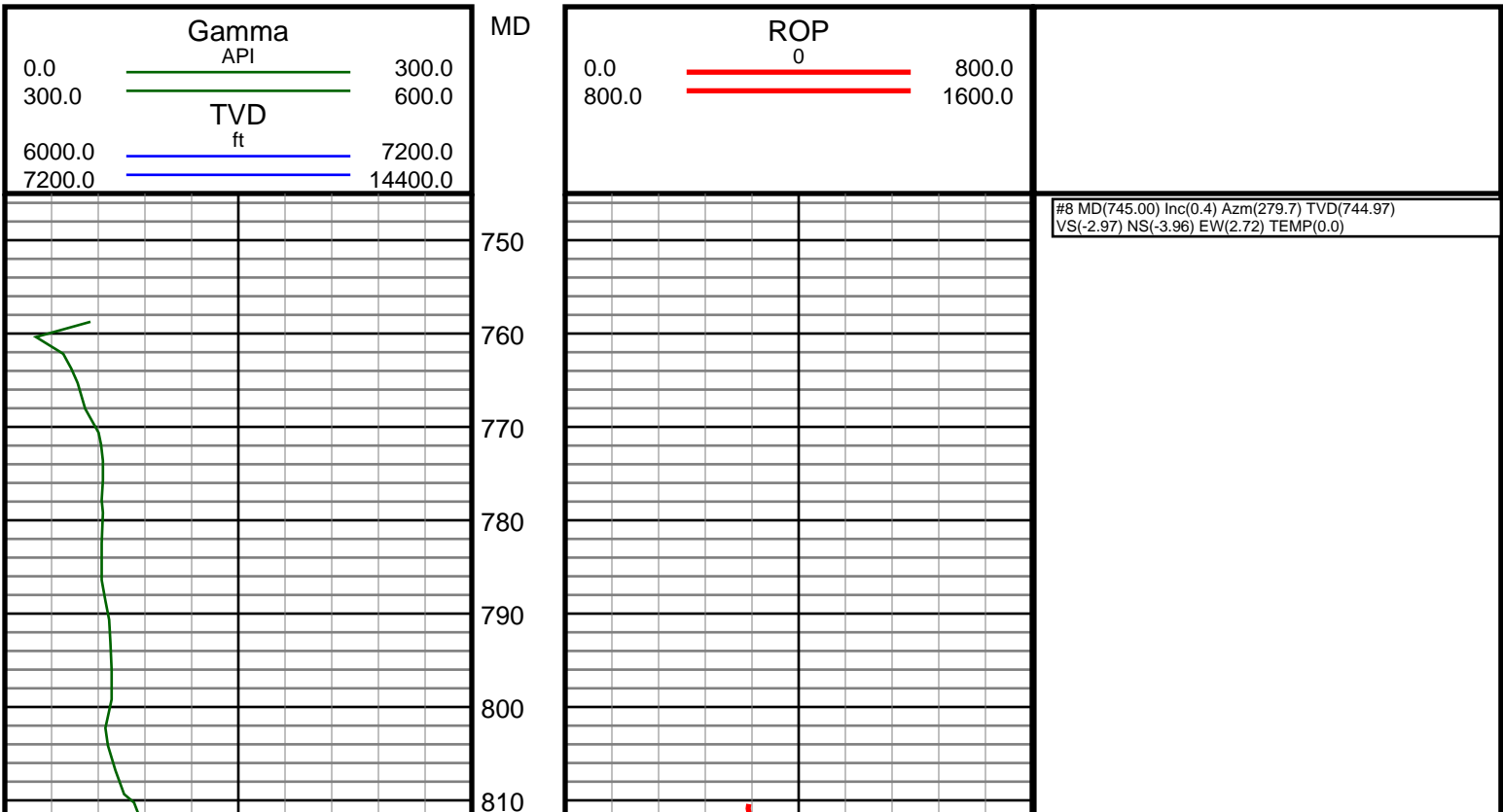
Casing Depth Size
Surface: 791 9.625
Intermediate: 7257 7

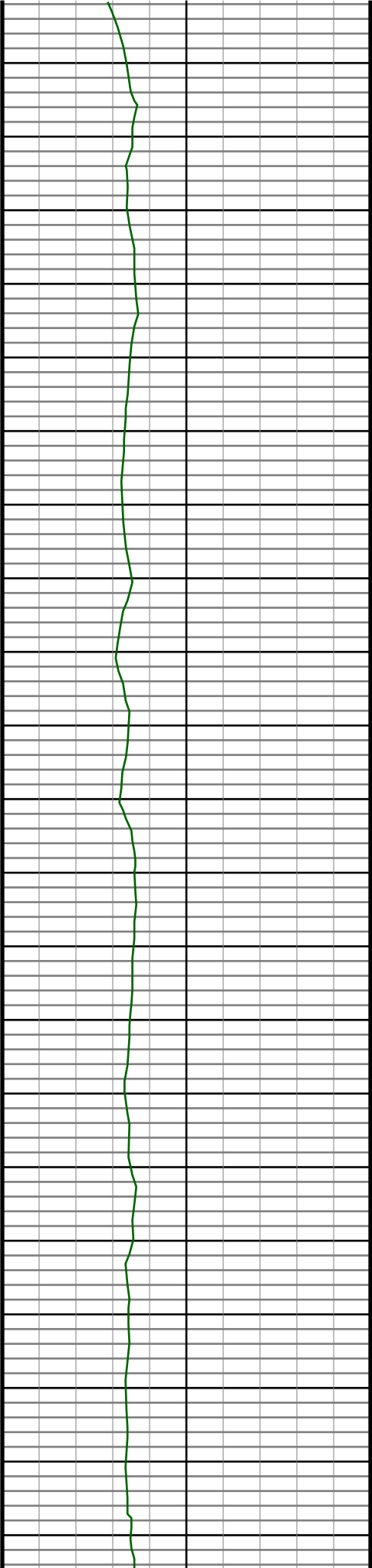
Mud Type:
Density:
Viscosity:
Rm: Rmf: Rmc:

Elevations
KB: 4638.5
GL: 4616
DF: 4638.5

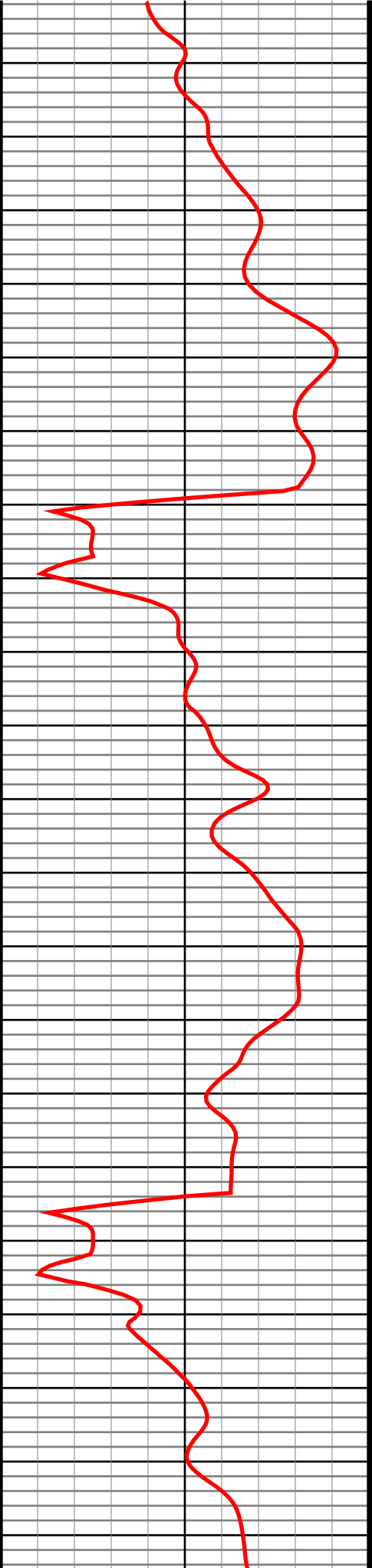
Run	Bit Size	Gamma	Survey	Start	End	Start	End
1	8.75	53.02	48.02	800	7268	4/27/2015	4/29/2015
2	6.125	60.92	55.92	7268	12662	5/10/2015	5/12/2015
3	6.125	60.17	55.17	12662	13677	5/12/2015	5/13/2015
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Ensign Directional Services uses its best efforts to 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.





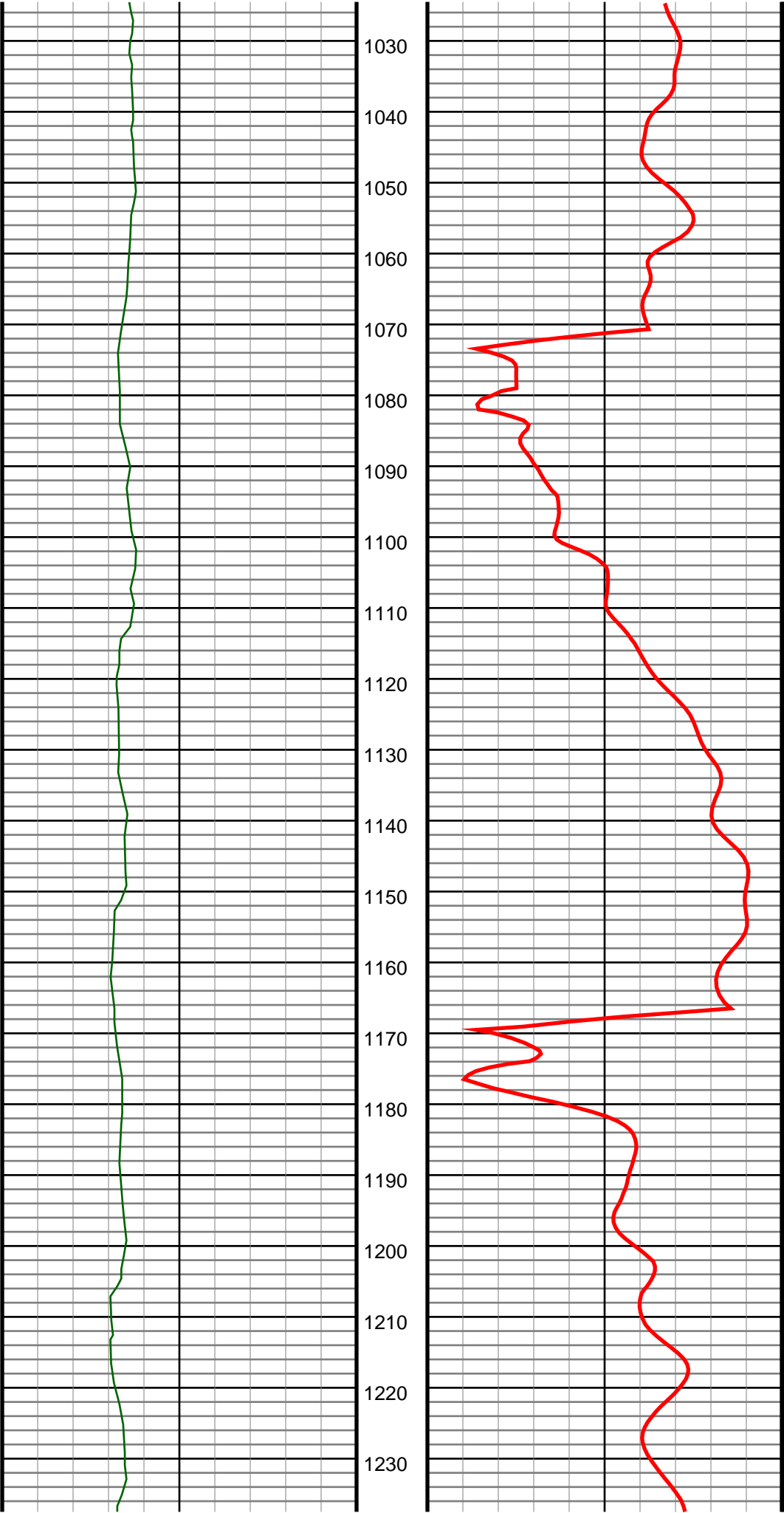
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#9 MD(829.00) Inc(0.8) Azm(262.8) TVD(828.97)
VS(-2.10) NS(-3.98) EW(1.85) TEMP(0.0)

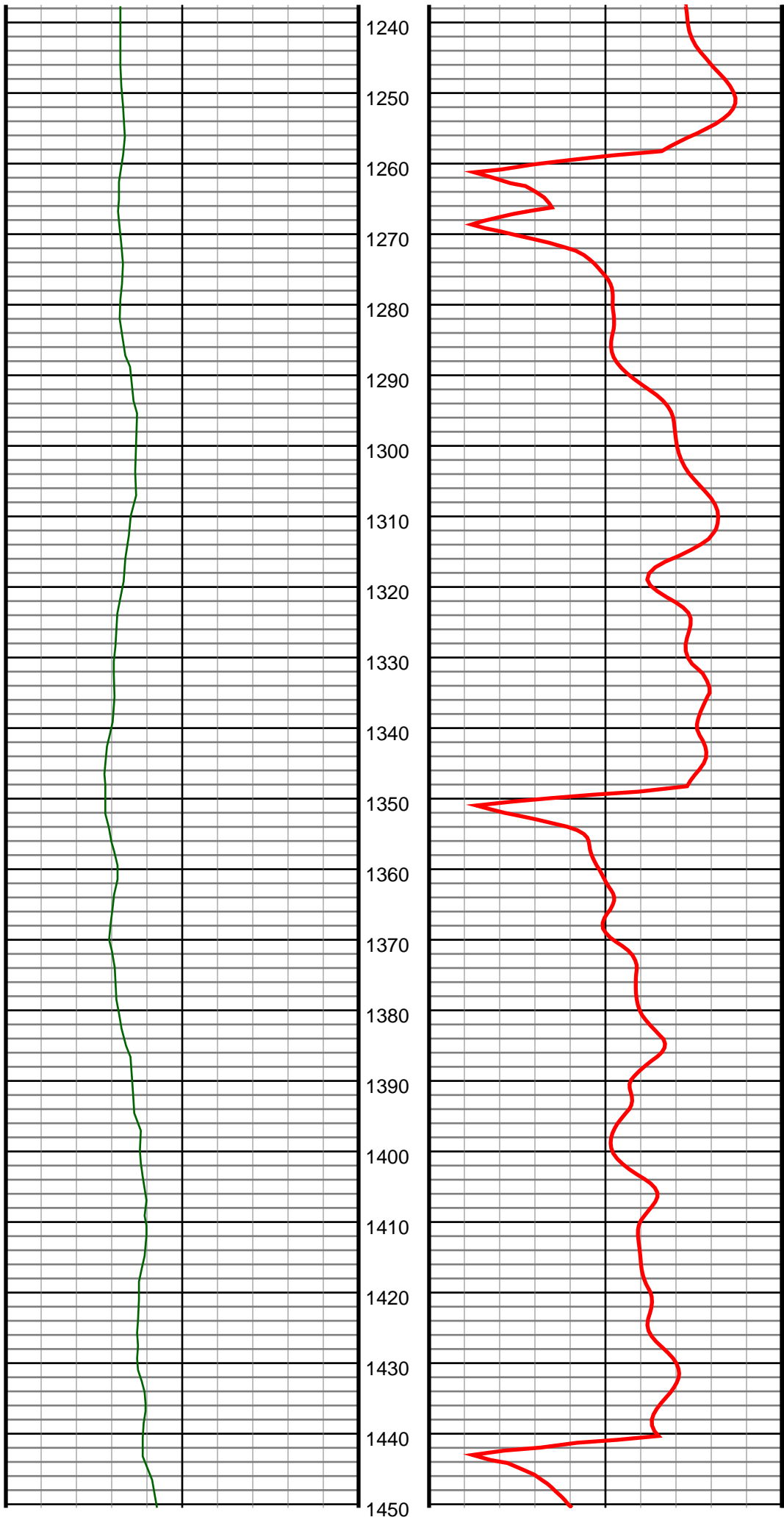
#10 MD(924.00) Inc(1.7) Azm(39.9) TVD(923.96)
VS(-2.28) NS(-2.98) EW(2.10) TEMP(0.0)

#11 MD(1020.00) Inc(3.3) Azm(16.2) TVD(1019.87)
VS(-3.73) NS(0.76) EW(3.78) TEMP(0.0)



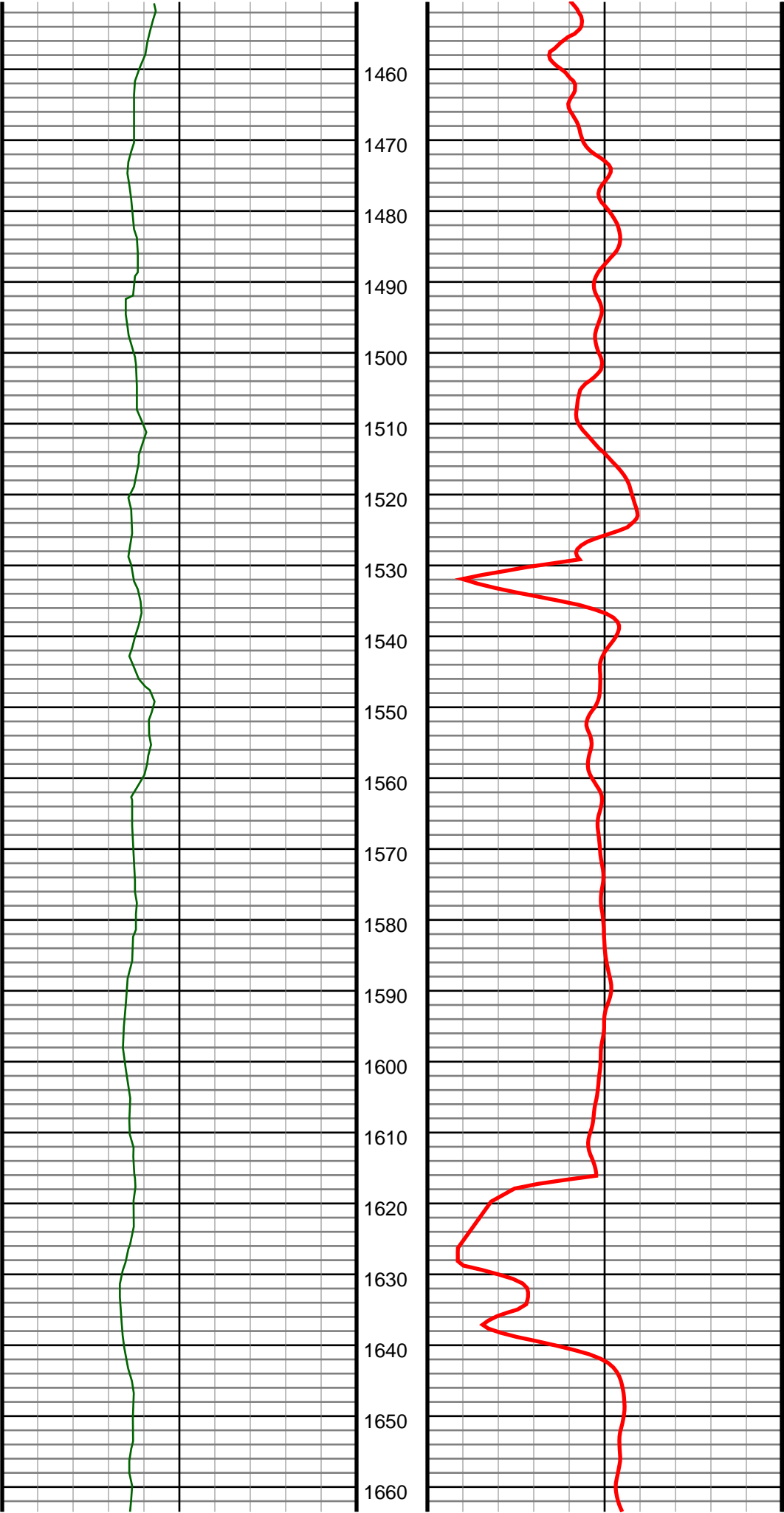
#12 MD(1115.00) Inc(4.6) Azm(23.0) TVD(1114.64)
VS(-5.59) NS(6.90) EW(6.03) TEMP(0.0)

#13 MD(1207.00) Inc(5.7) Azm(37.8) TVD(1206.27)
VS(-9.39) NS(13.90) EW(10.28) TEMP(0.0)



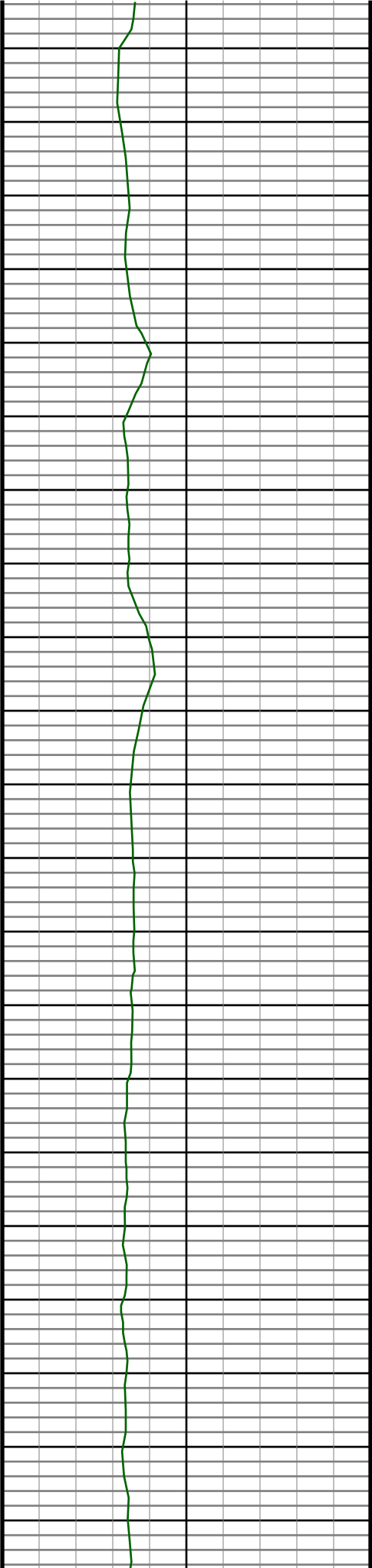
#14 MD(1299.00) Inc(7.7) Azm(39.7) TVD(1297.64)
VS(-15.59) NS(22.26) EW(17.01) TEMP(0.0)

#15 MD(1391.00) Inc(7.5) Azm(34.6) TVD(1388.83)
VS(-22.32) NS(31.94) EW(24.36) TEMP(0.0)

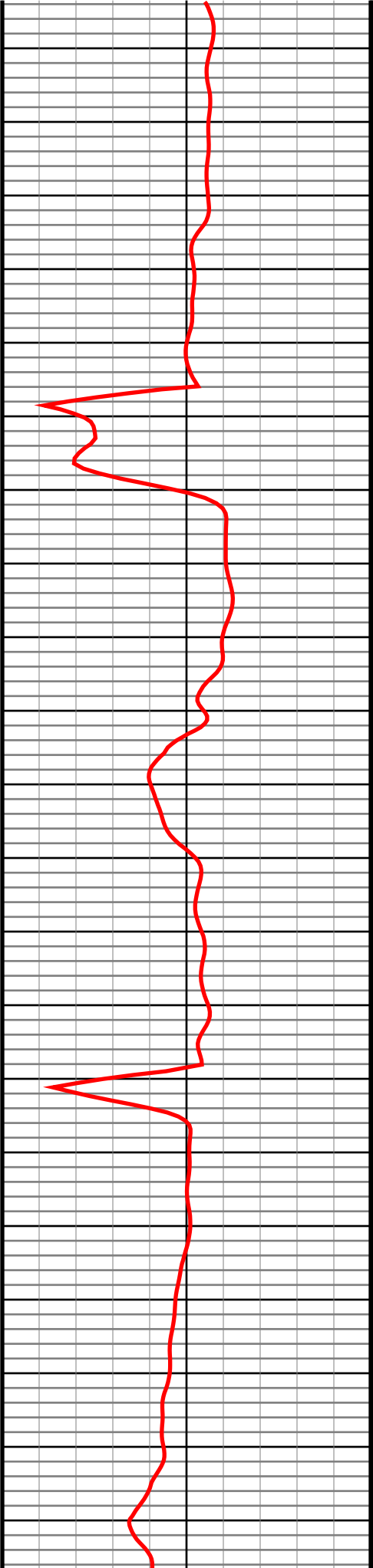


#16 MD(1484.00) Inc(6.2) Azm(27.4) TVD(1481.17)
VS(-27.48) NS(41.40) EW(30.12) TEMP(0.0)

#17 MD(1576.00) Inc(4.9) Azm(19.5) TVD(1572.73)
VS(-30.56) NS(49.51) EW(33.72) TEMP(0.0)



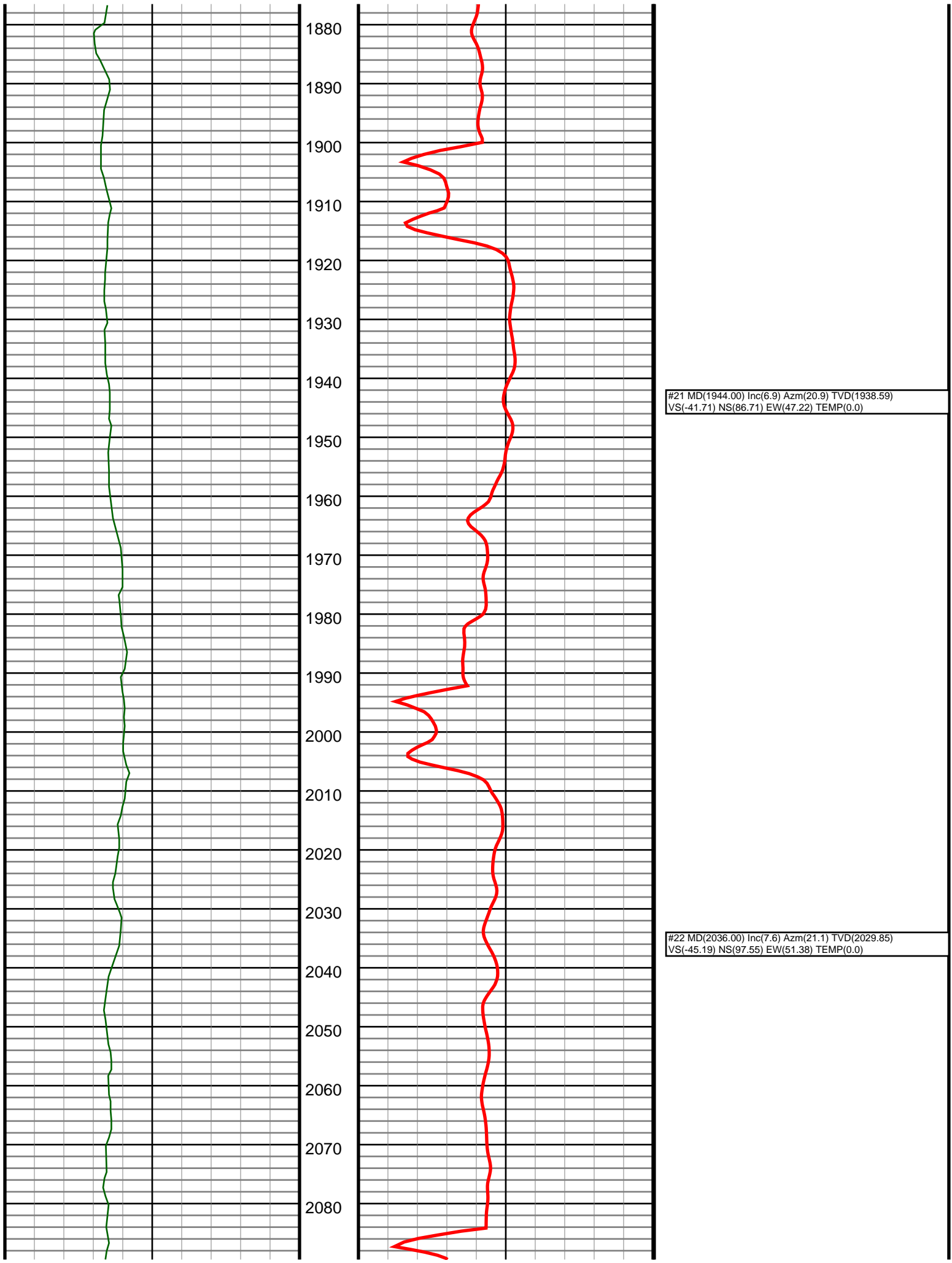
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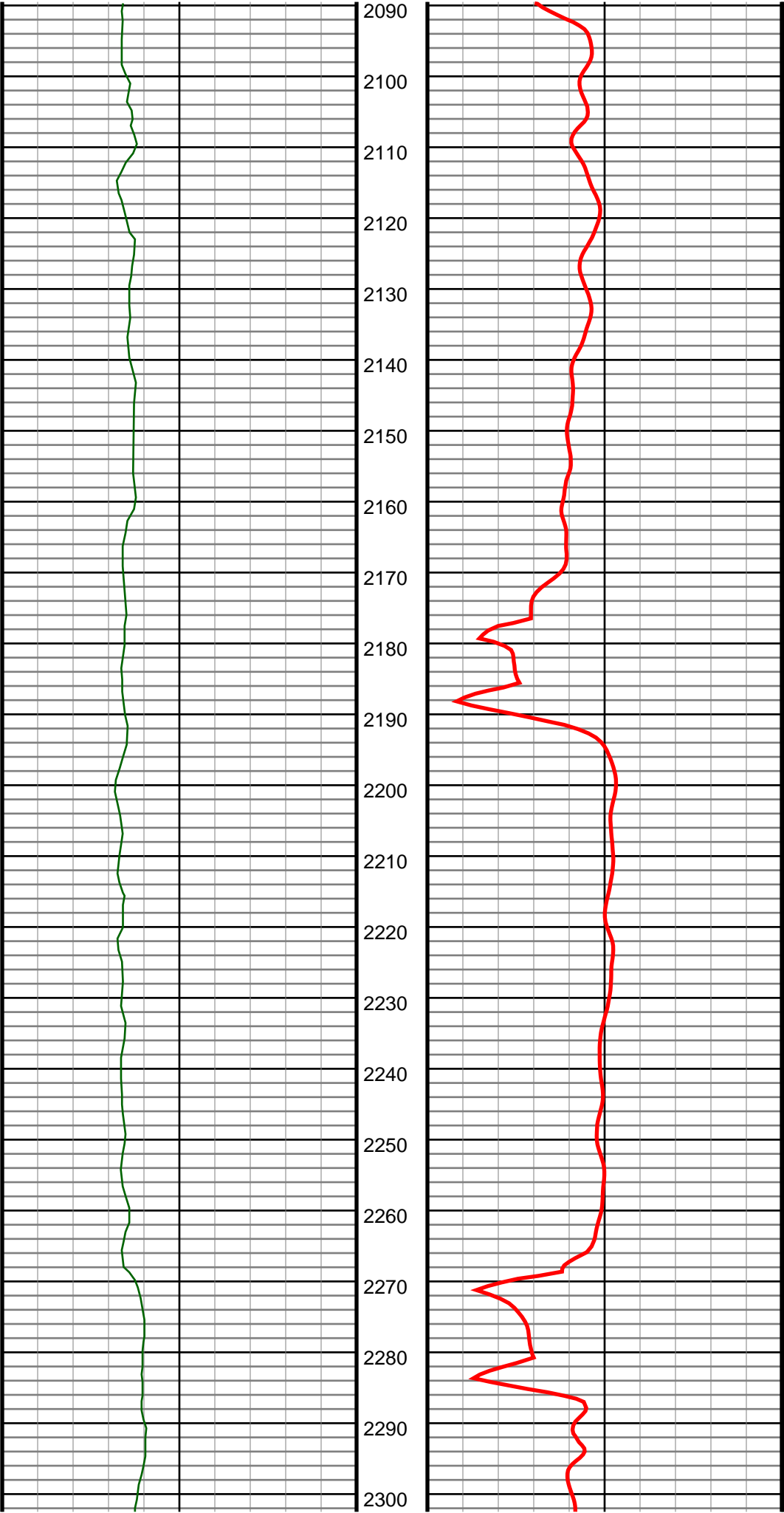


#18 MD(1668.00) Inc(6.2) Azm(22.0) TVD(1664.30)
VS(-33.21) NS(57.82) EW(36.89) TEMP(0.0)

#19 MD(1760.00) Inc(6.8) Azm(19.5) TVD(1755.71)
VS(-36.27) NS(67.56) EW(40.57) TEMP(0.0)

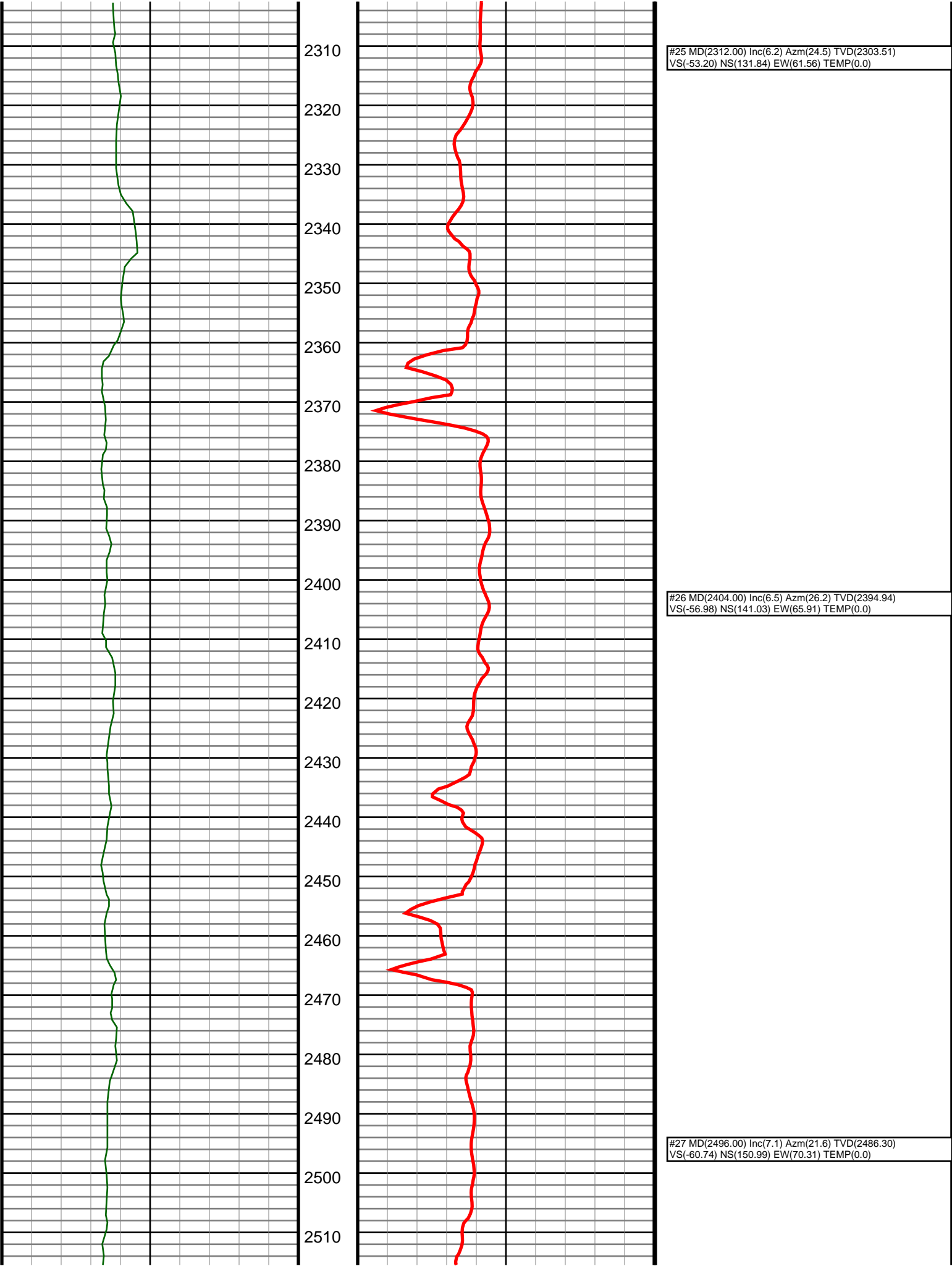
#20 MD(1852.00) Inc(5.8) Azm(17.9) TVD(1847.15)
VS(-38.92) NS(77.12) EW(43.82) TEMP(0.0)

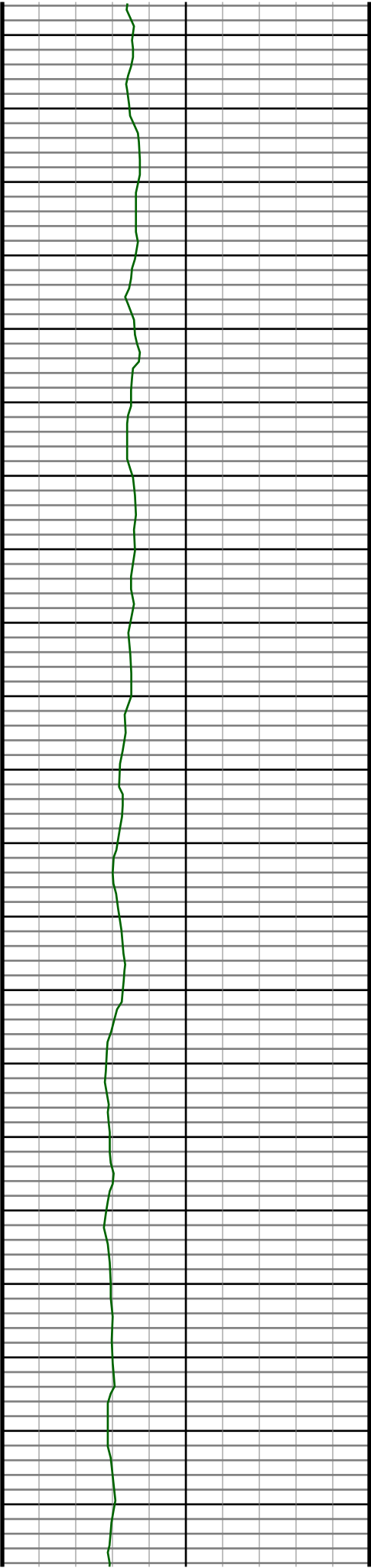




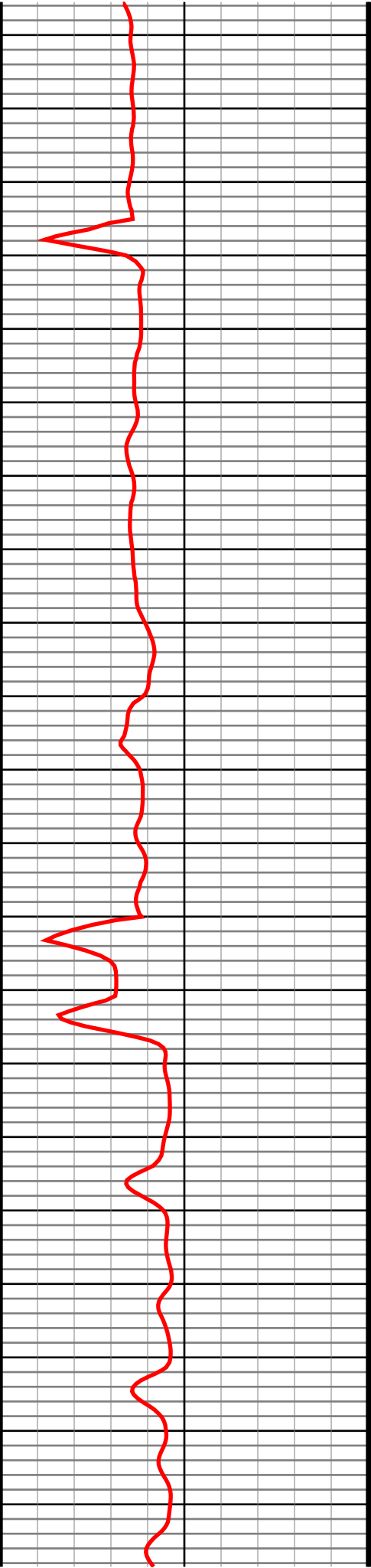
#23 MD(2128.00) Inc(7.2) Azm(14.3) TVD(2121.09)
VS(-48.09) NS(108.81) EW(54.99) TEMP(0.0)

#24 MD(2220.00) Inc(8.3) Azm(13.4) TVD(2212.24)
VS(-50.30) NS(120.85) EW(57.96) TEMP(0.0)



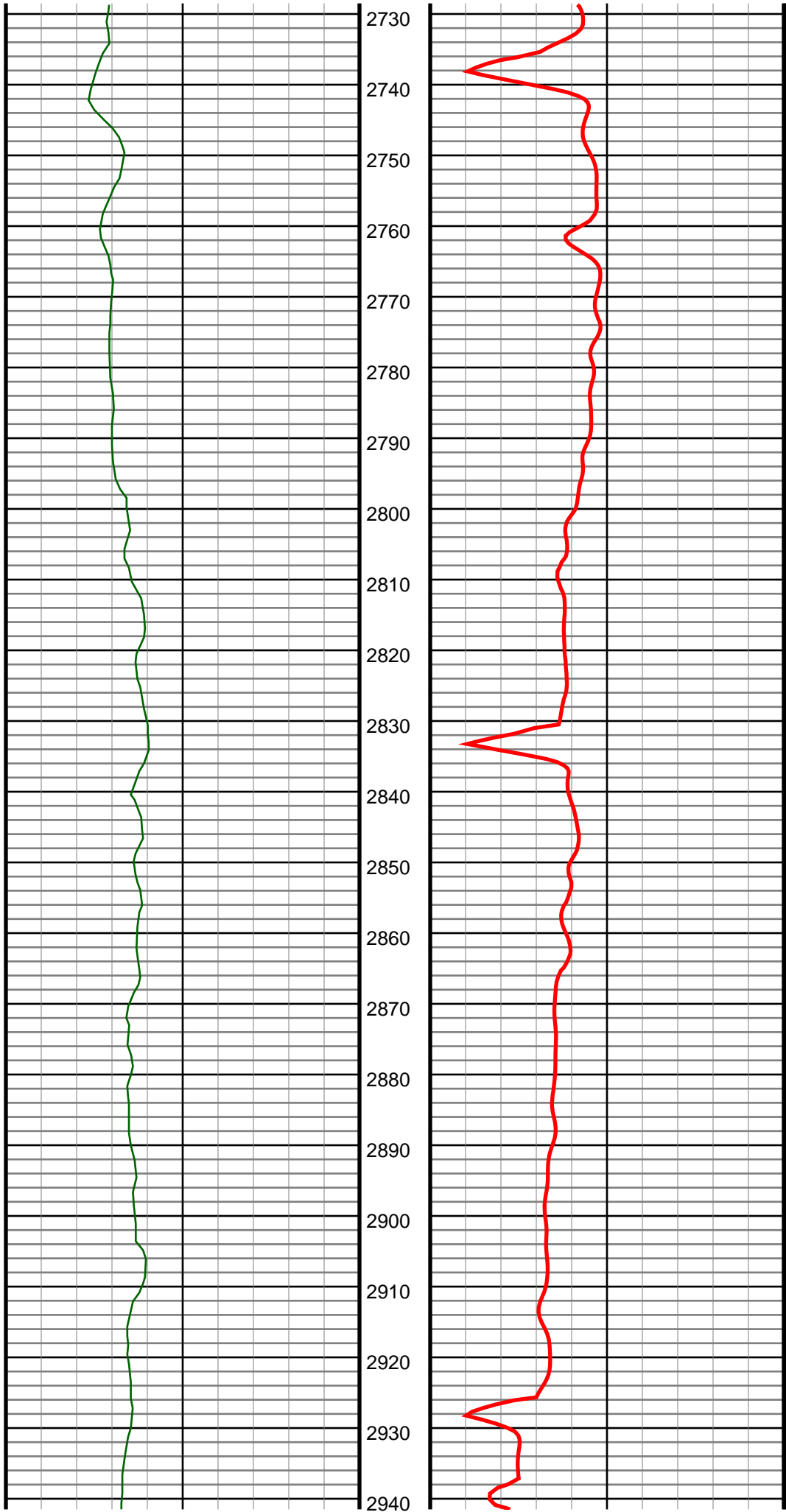


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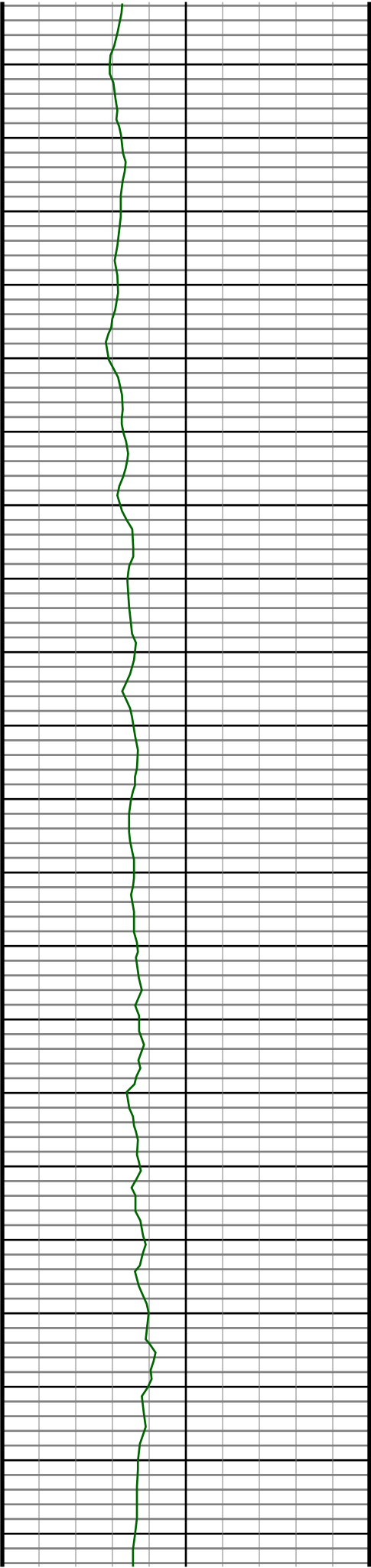
#28 MD(2592.00) Inc(6.9) Azm(18.5) TVD(2581.58)
VS(-64.06) NS(161.97) EW(74.32) TEMP(0.0)

#29 MD(2687.00) Inc(8.9) Azm(21.3) TVD(2675.67)
VS(-67.77) NS(174.23) EW(78.80) TEMP(0.0)

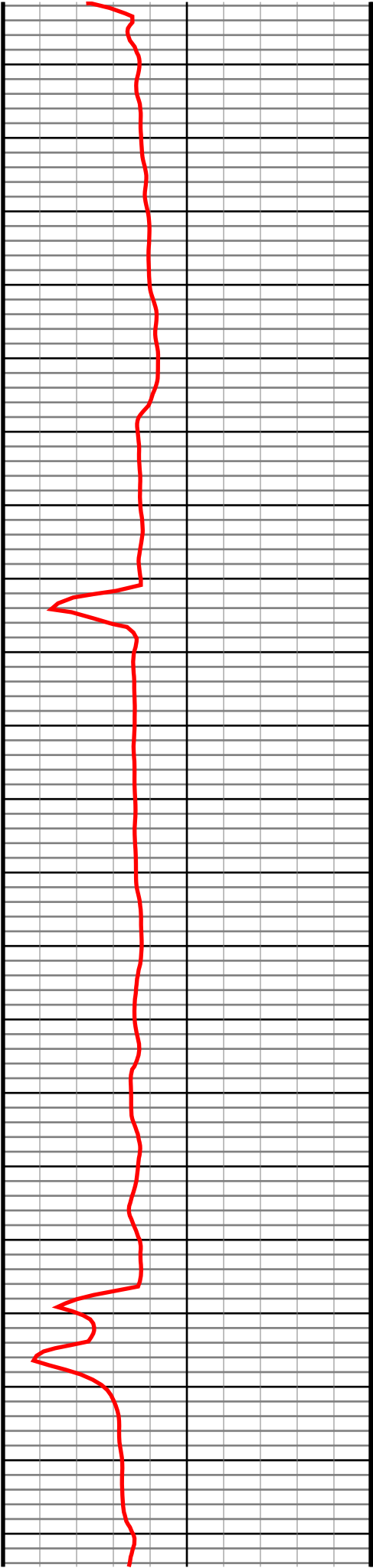


#30 MD(2782.00) Inc(9.1) Azm(18.7) TVD(2769.51)
VS(-71.96) NS(188.20) EW(83.88) TEMP(0.0)

#31 MD(2877.00) Inc(9.7) Azm(12.9) TVD(2863.23)
VS(-75.22) NS(203.11) EW(88.07) TEMP(0.0)

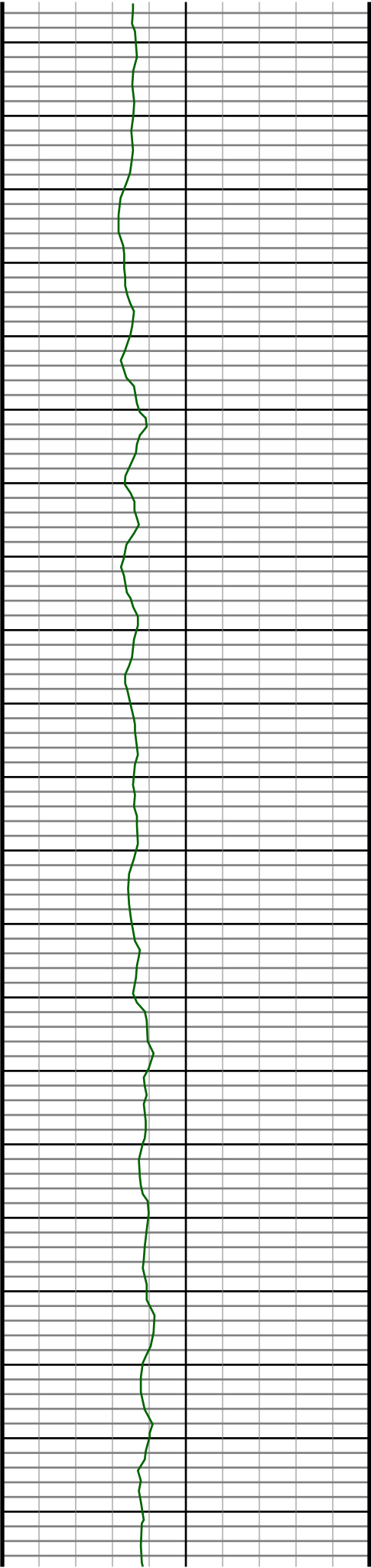


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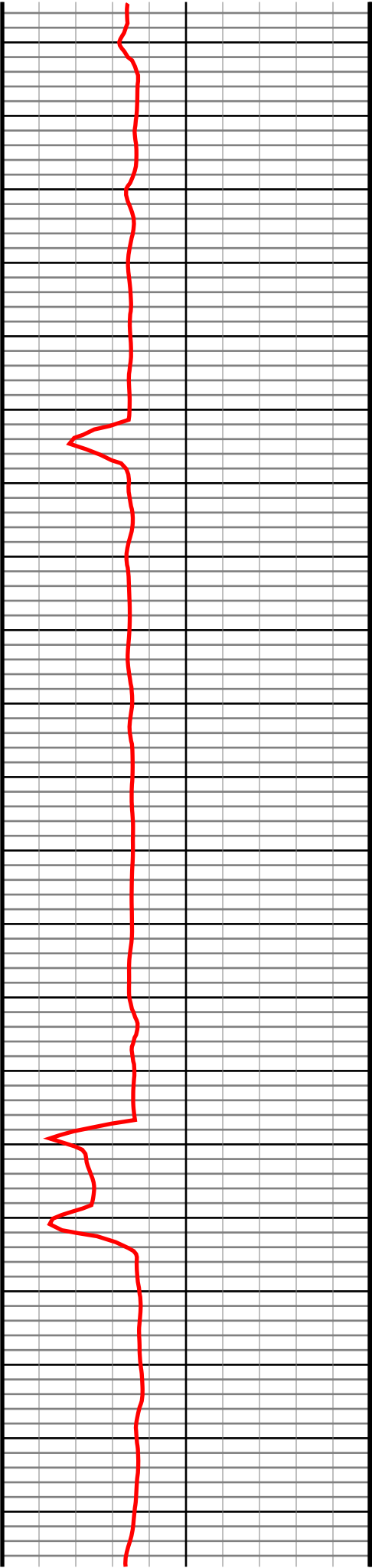


#32 MD(2972.00) Inc(8.5) Azm(24.3) TVD(2957.04)
VS(-79.00) NS(217.32) EW(92.75) TEMP(0.0)

#33 MD(3067.00) Inc(7.1) Azm(26.0) TVD(3051.16)
VS(-83.72) NS(228.99) EW(98.21) TEMP(0.0)



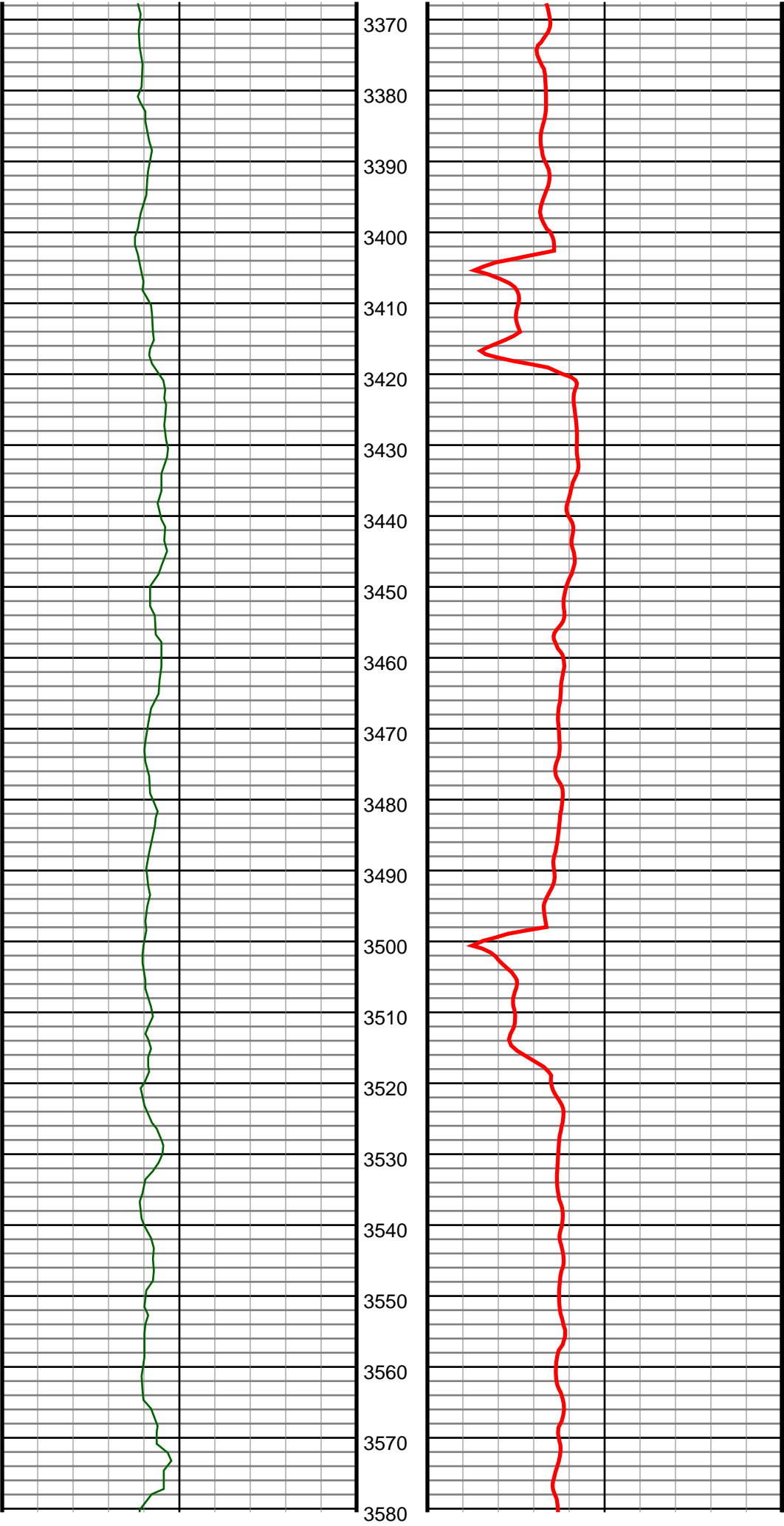
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#34 MD(3163.00) Inc(7.1) Azm(24.8) TVD(3146.42)
VS(-88.13) NS(239.71) EW(103.30) TEMP(0.0)

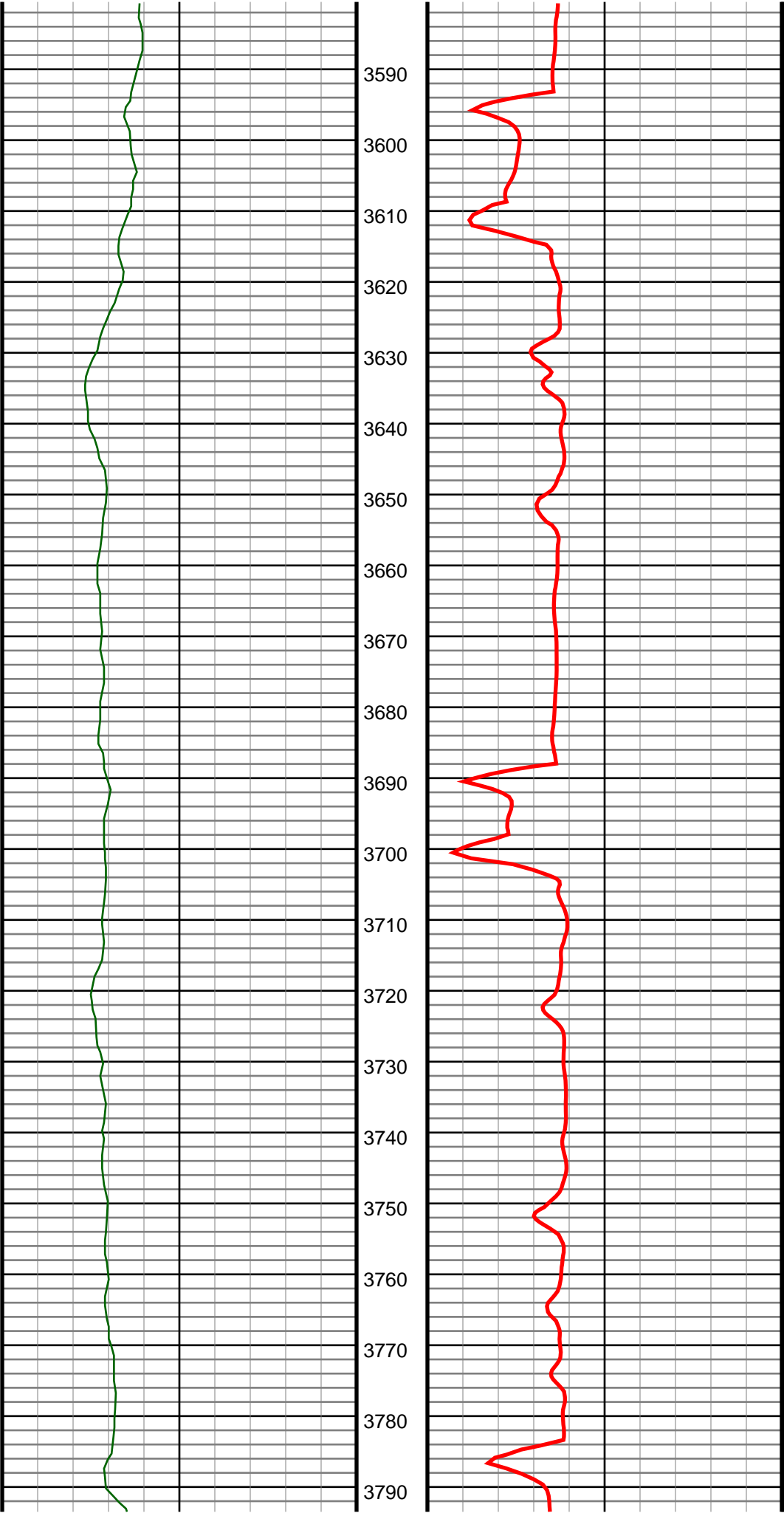
#35 MD(3258.00) Inc(5.7) Azm(27.3) TVD(3240.83)
VS(-92.16) NS(249.23) EW(107.93) TEMP(0.0)

#36 MD(3353.00) Inc(5.7) Azm(23.0) TVD(3335.36)
VS(-95.62) NS(257.77) EW(111.94) TEMP(0.0)



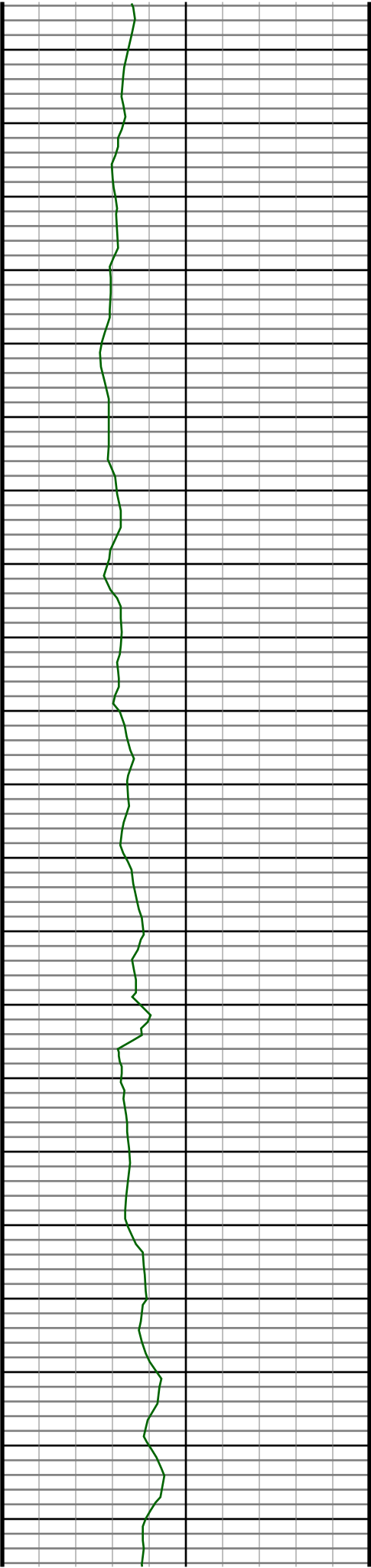
#37 MD(3448.00) Inc(5.8) Azm(29.0) TVD(3429.88)
VS(-99.25) NS(266.31) EW(116.11) TEMP(0.0)

#38 MD(3543.00) Inc(6.2) Azm(29.4) TVD(3524.36)
VS(-103.55) NS(274.98) EW(120.95) TEMP(0.0)

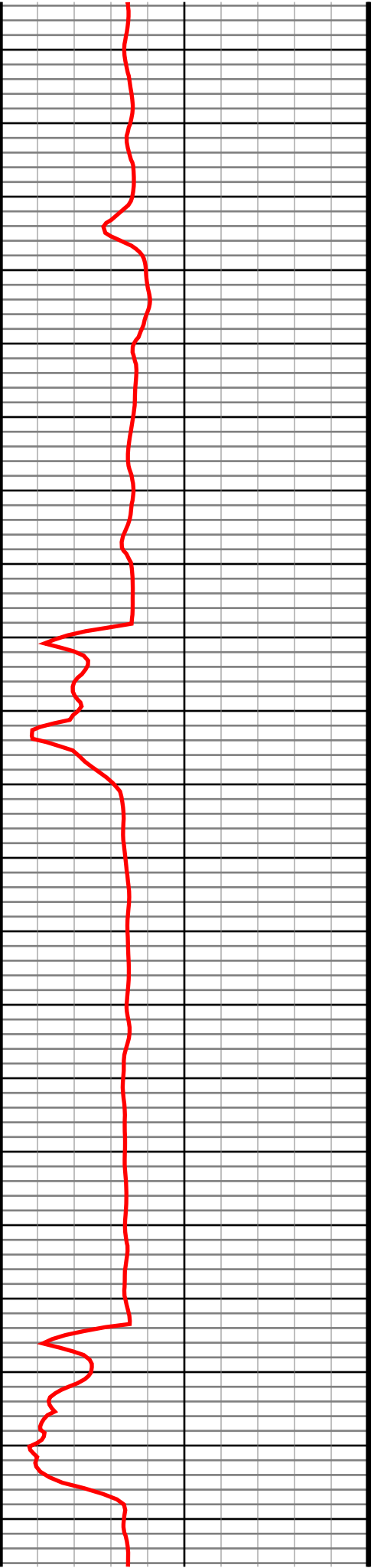


#39 MD(3638.00) Inc(7.3) Azm(15.5) TVD(3618.71)
VS(-107.03) NS(285.26) EW(125.09) TEMP(0.0)

#40 MD(3734.00) Inc(7.0) Azm(27.8) TVD(3713.97)
VS(-110.69) NS(296.31) EW(129.44) TEMP(0.0)

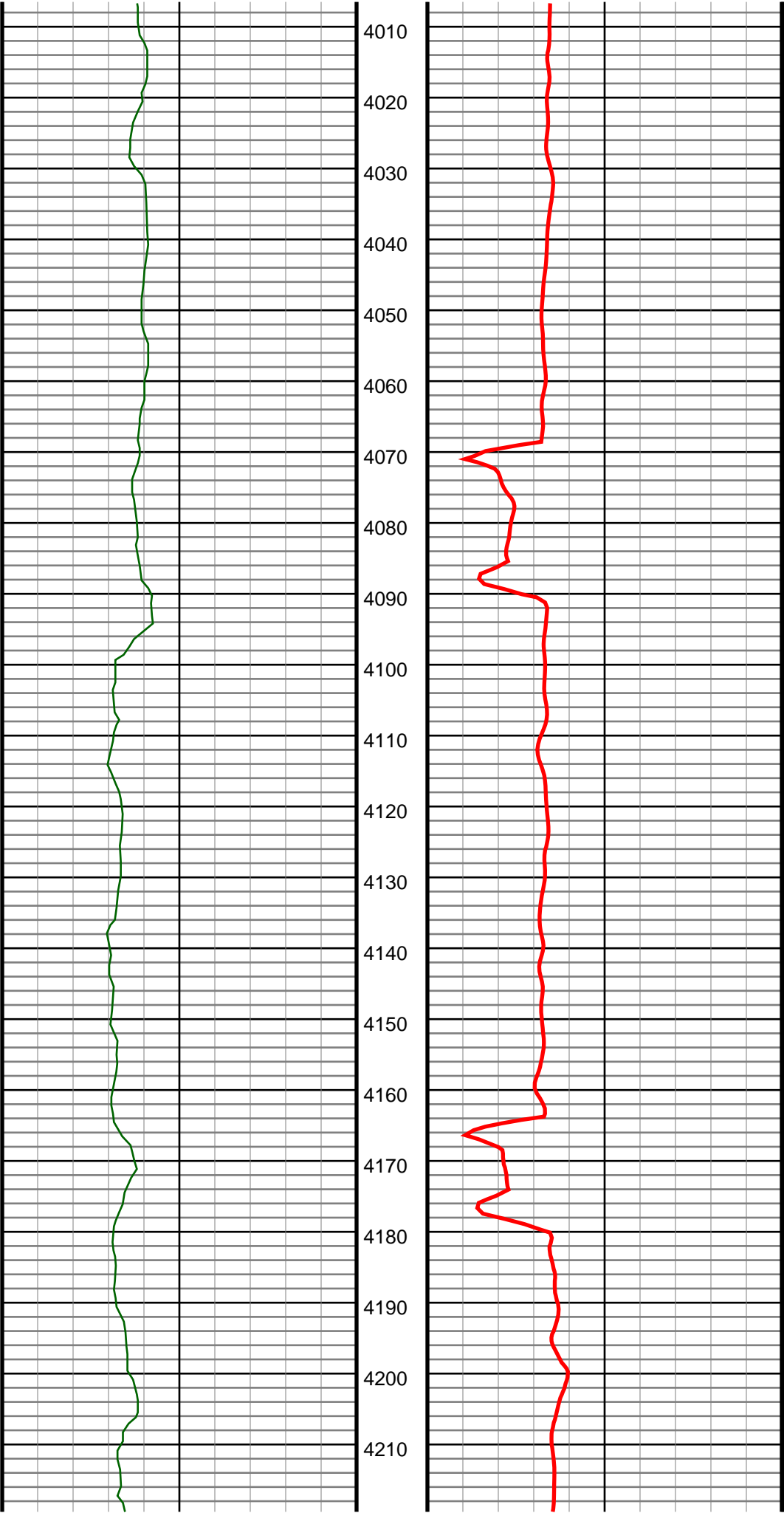


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#41 MD(3829.00) Inc(6.9) Azm(27.3) TVD(3808.27)
VS(-115.36) NS(306.51) EW(134.76) TEMP(0.0)

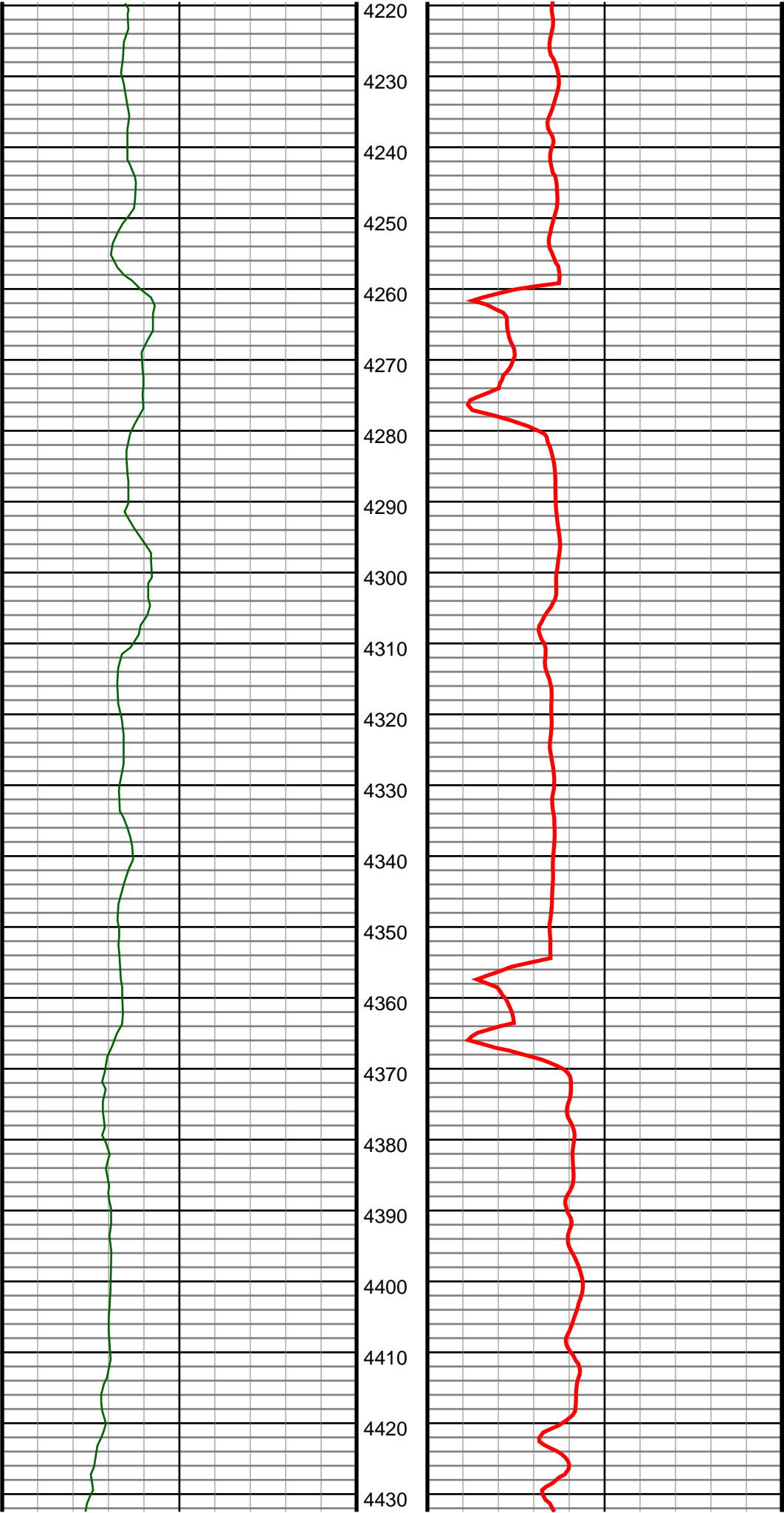
#42 MD(3924.00) Inc(7.1) Azm(14.6) TVD(3902.57)
VS(-118.78) NS(317.26) EW(138.86) TEMP(0.0)



#43 MD(4019.00) Inc(6.2) Azm(350.9) TVD(3996.95)
VS(-118.77) NS(328.01) EW(139.53) TEMP(0.0)

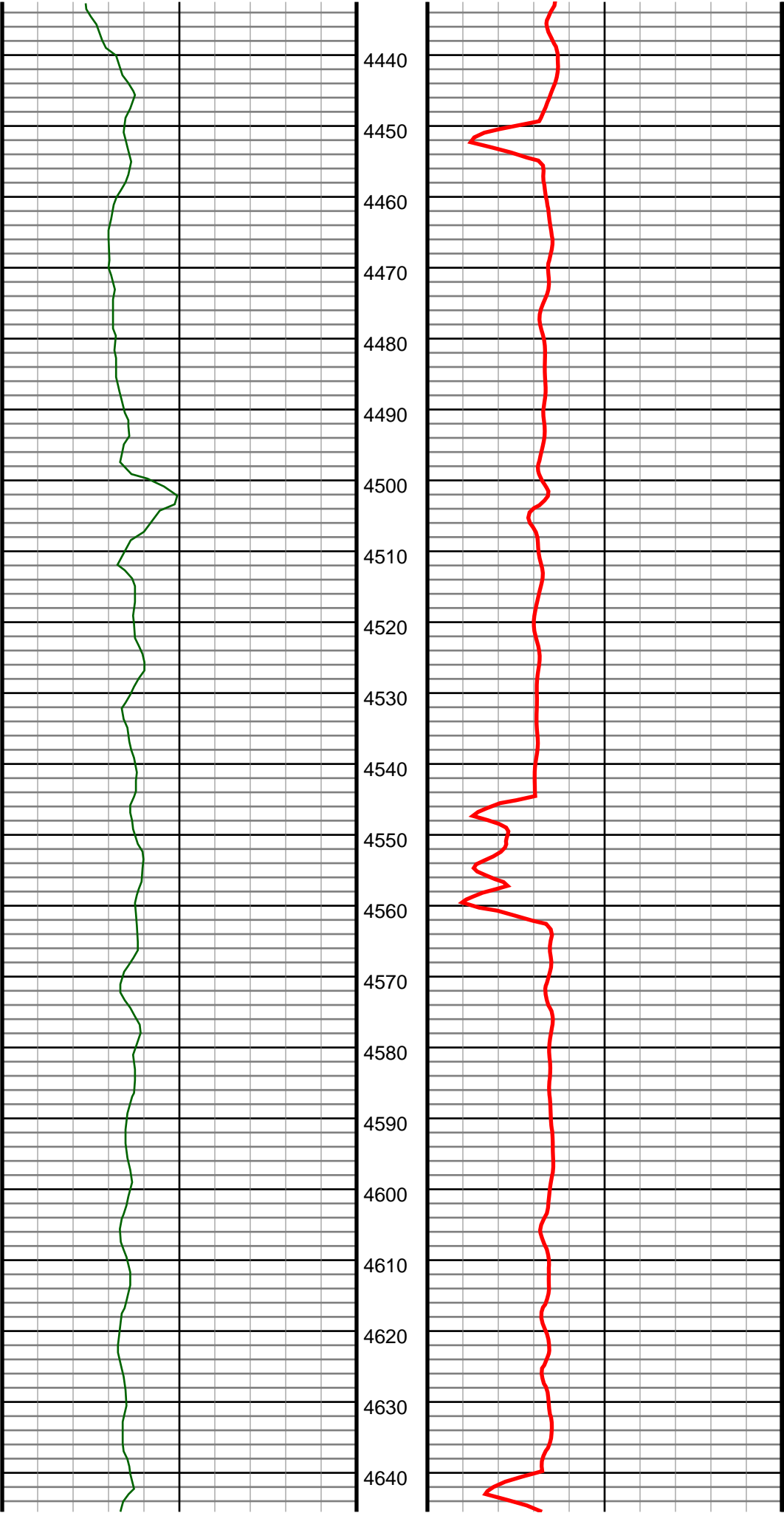
#44 MD(4115.00) Inc(5.8) Azm(9.3) TVD(4092.43)
VS(-118.12) NS(337.92) EW(139.49) TEMP(0.0)

#45 MD(4210.00) Inc(4.9) Azm(26.2) TVD(4187.02)
VS(-120.16) NS(346.29) EW(142.06) TEMP(0.0)



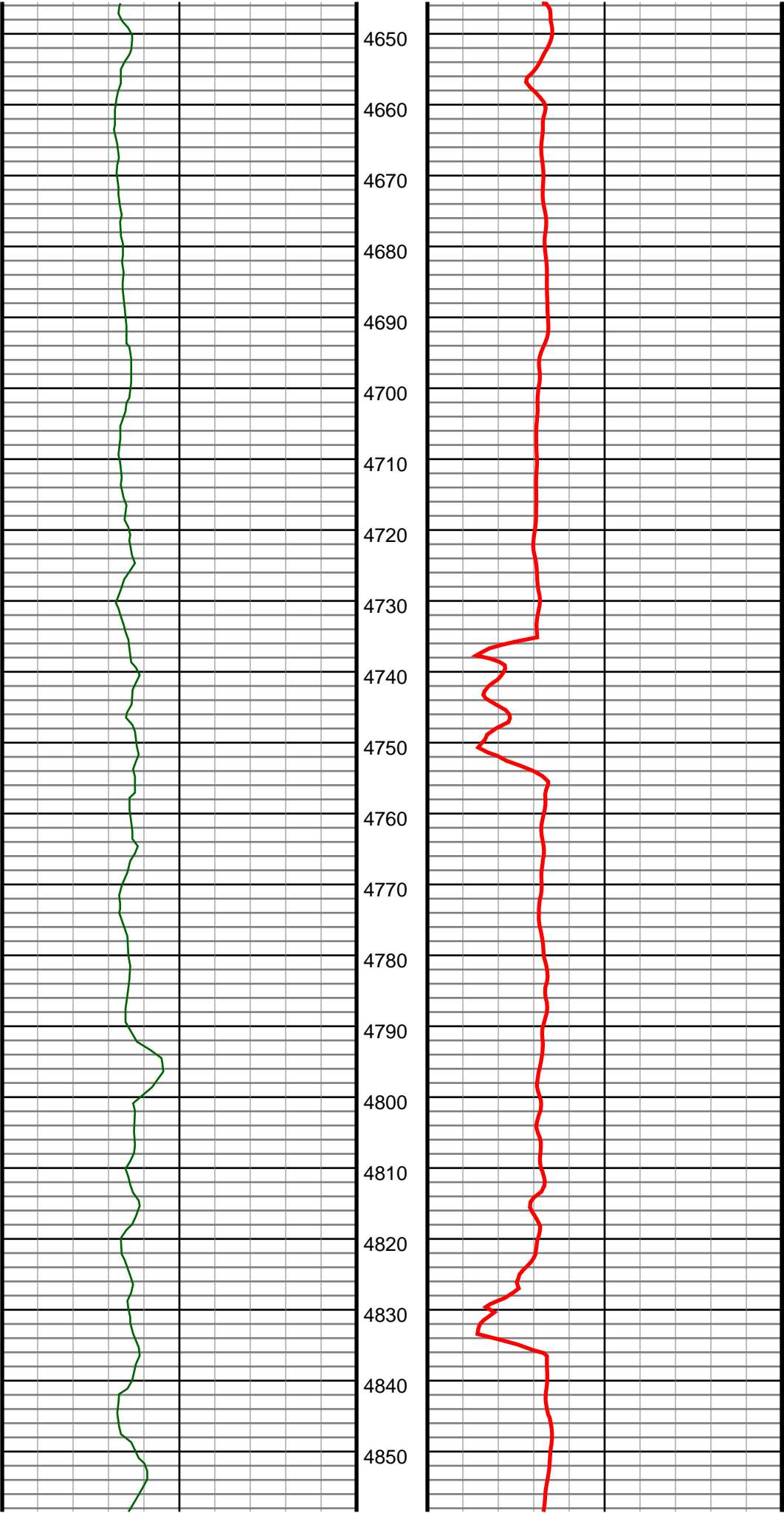
#46 MD(4305.00) Inc(6.7) Azm(31.1) TVD(4281.53)
VS(-124.28) NS(354.68) EW(146.71) TEMP(0.0)

#47 MD(4400.00) Inc(7.2) Azm(32.5) TVD(4375.83)
VS(-129.72) NS(364.45) EW(152.77) TEMP(0.0)



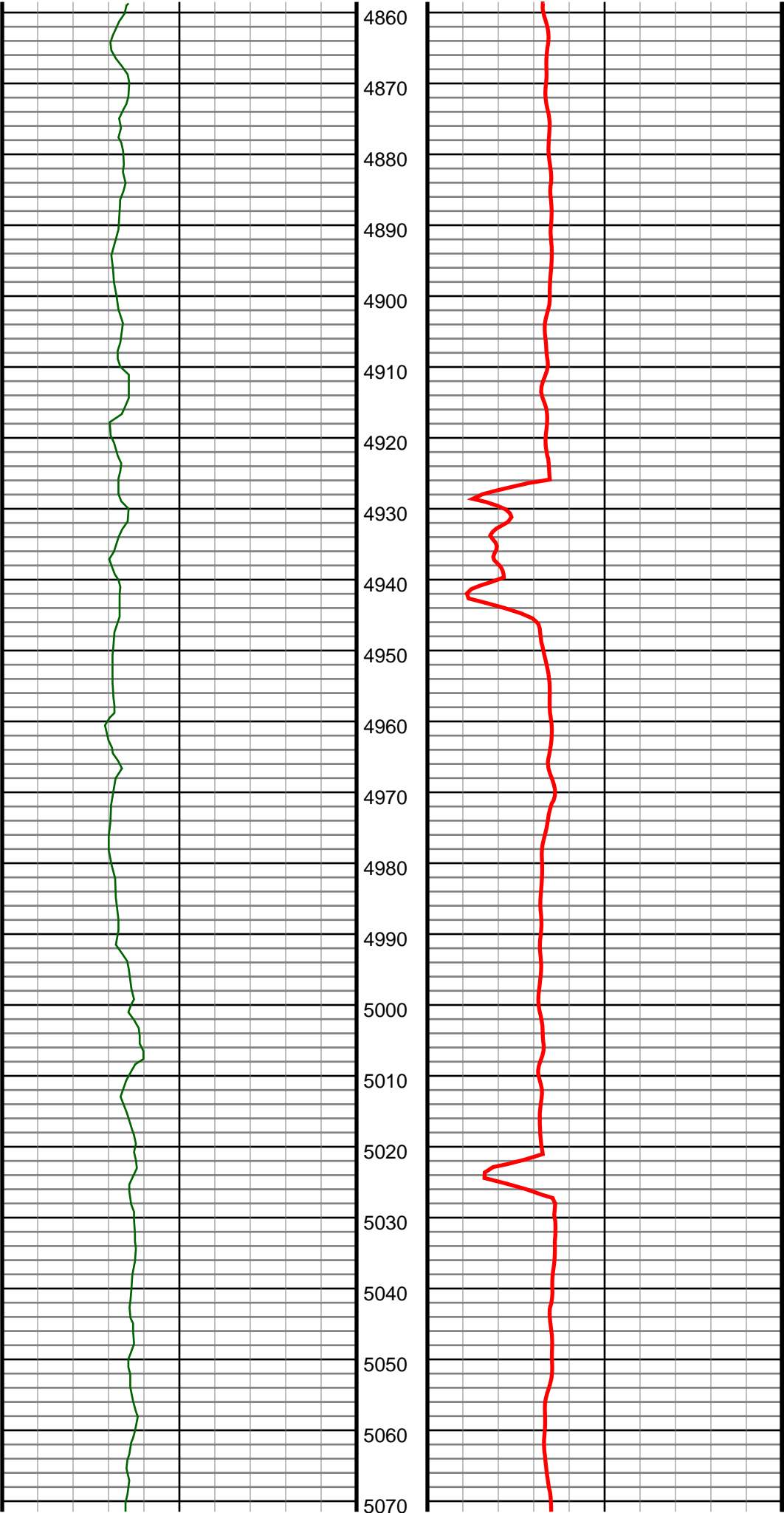
#48 MD(4495.00) Inc(6.3) Azm(32.2) TVD(4470.17)
VS(-135.09) NS(373.88) EW(158.75) TEMP(0.0)

#49 MD(4590.00) Inc(6.9) Azm(27.8) TVD(4564.54)
VS(-139.93) NS(383.34) EW(164.19) TEMP(0.0)



#50 MD(4685.00) Inc(5.5) Azm(32.5) TVD(4658.99)
VS(-144.48) NS(392.23) EW(169.30) TEMP(0.0)

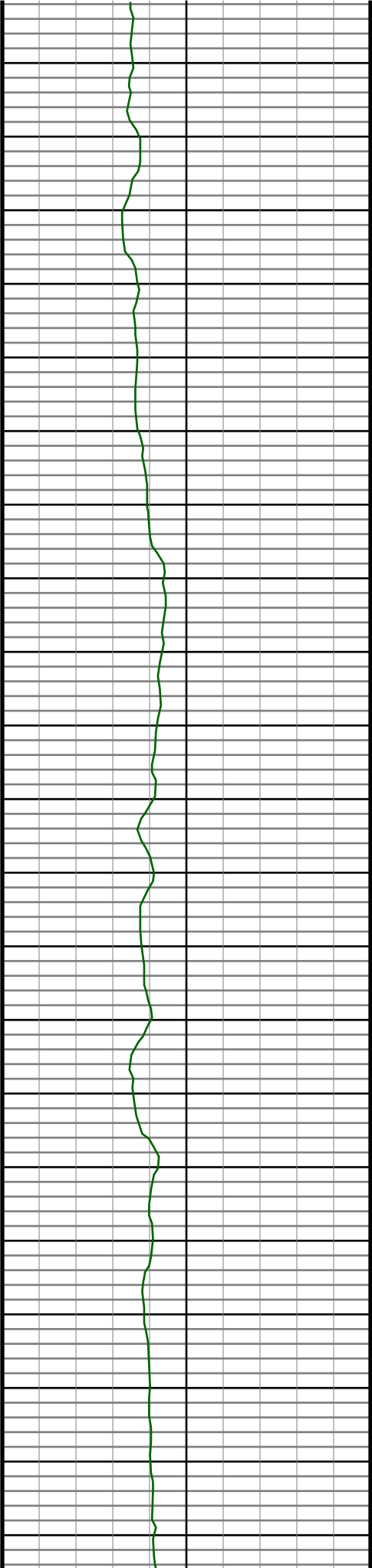
#51 MD(4781.00) Inc(6.3) Azm(25.9) TVD(4754.48)
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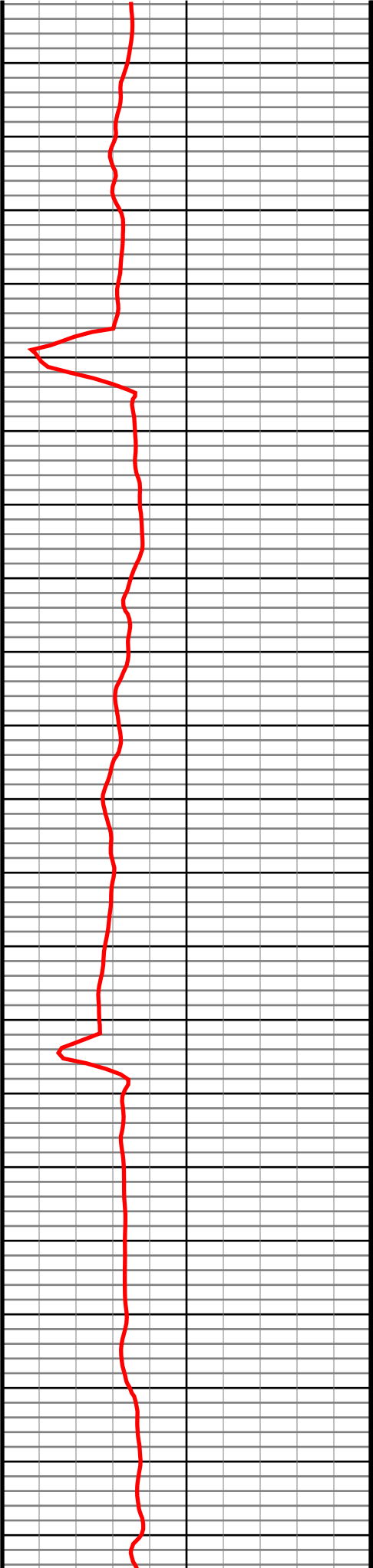
#52 MD(4876.00) Inc(5.9) Azm(28.3) TVD(4848.94)
VS(-152.72) NS(409.83) EW(178.66) TEMP(0.0)

#53 MD(4971.00) Inc(6.3) Azm(21.6) TVD(4943.40)
VS(-156.38) NS(418.98) EW(182.90) TEMP(0.0)

#54 MD(5066.00) Inc(5.1) Azm(15.7) TVD(5037.93)
VS(-158.88) NS(427.89) EW(185.96) TEMP(0.0)

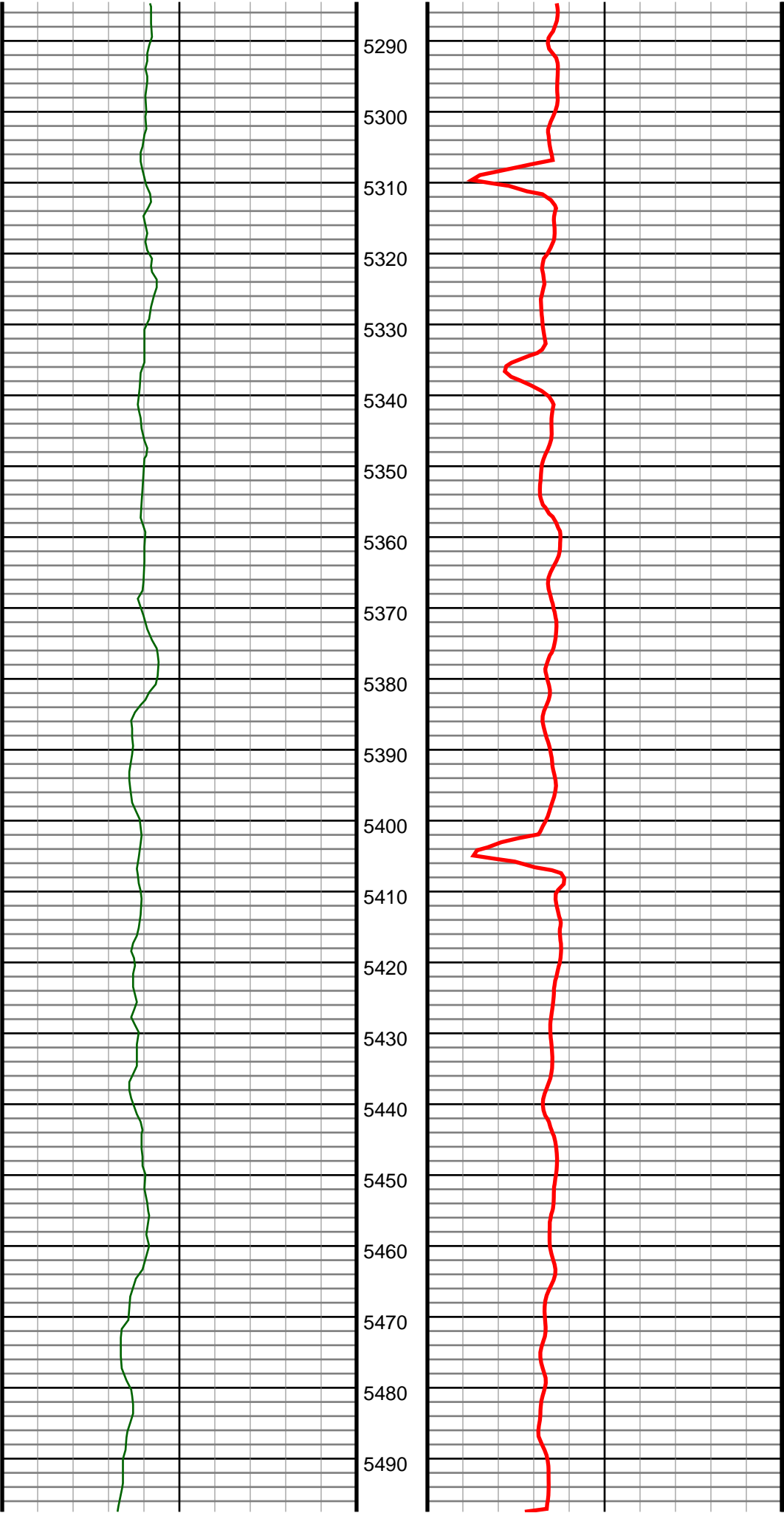


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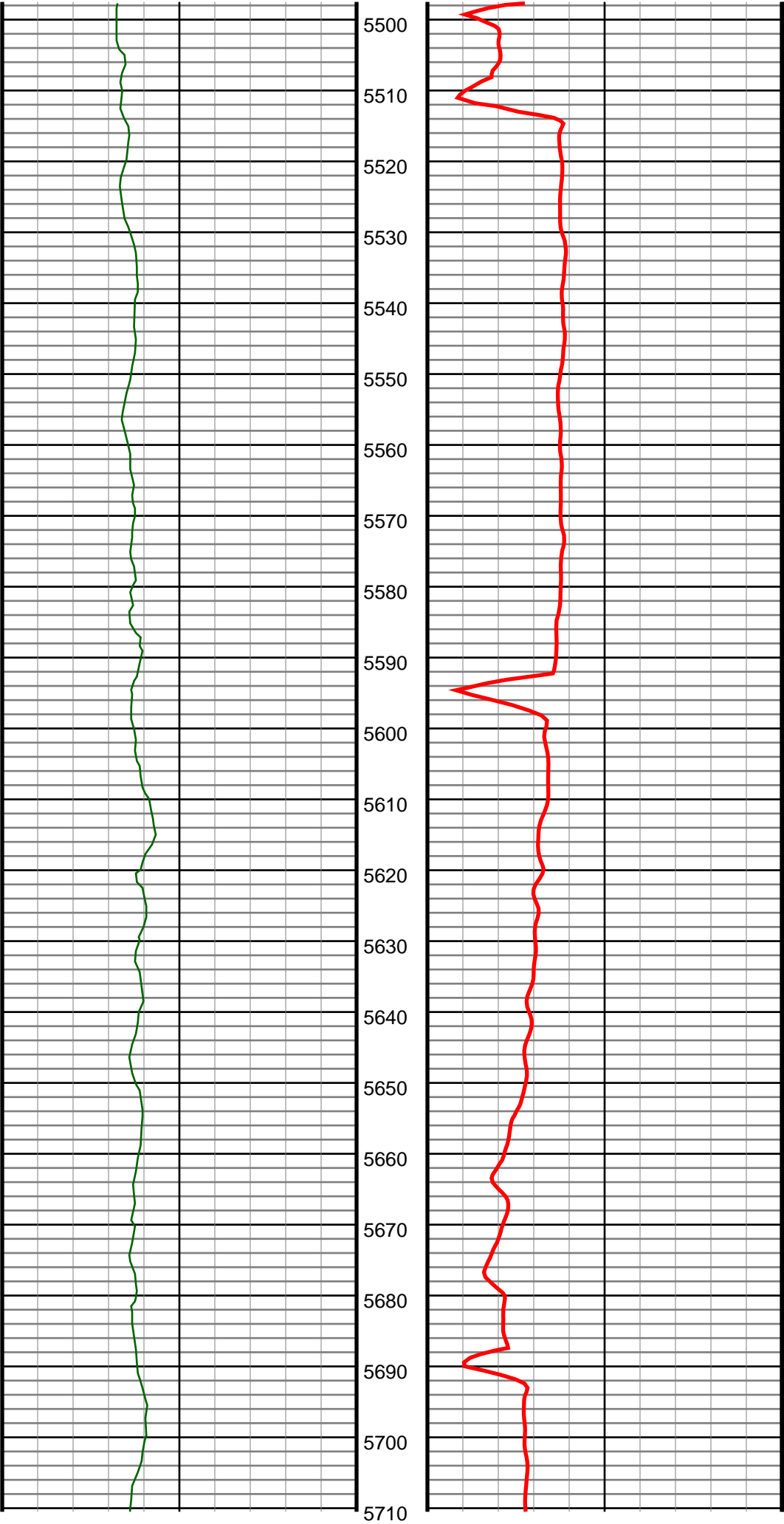
#55 MD(5161.00) Inc(4.1) Azm(8.6) TVD(5132.63)
VS(-160.06) NS(435.31) EW(187.61) TEMP(0.0)

#56 MD(5256.00) Inc(3.2) Azm(7.8) TVD(5227.43)
VS(-160.55) NS(441.30) EW(188.47) TEMP(0.0)



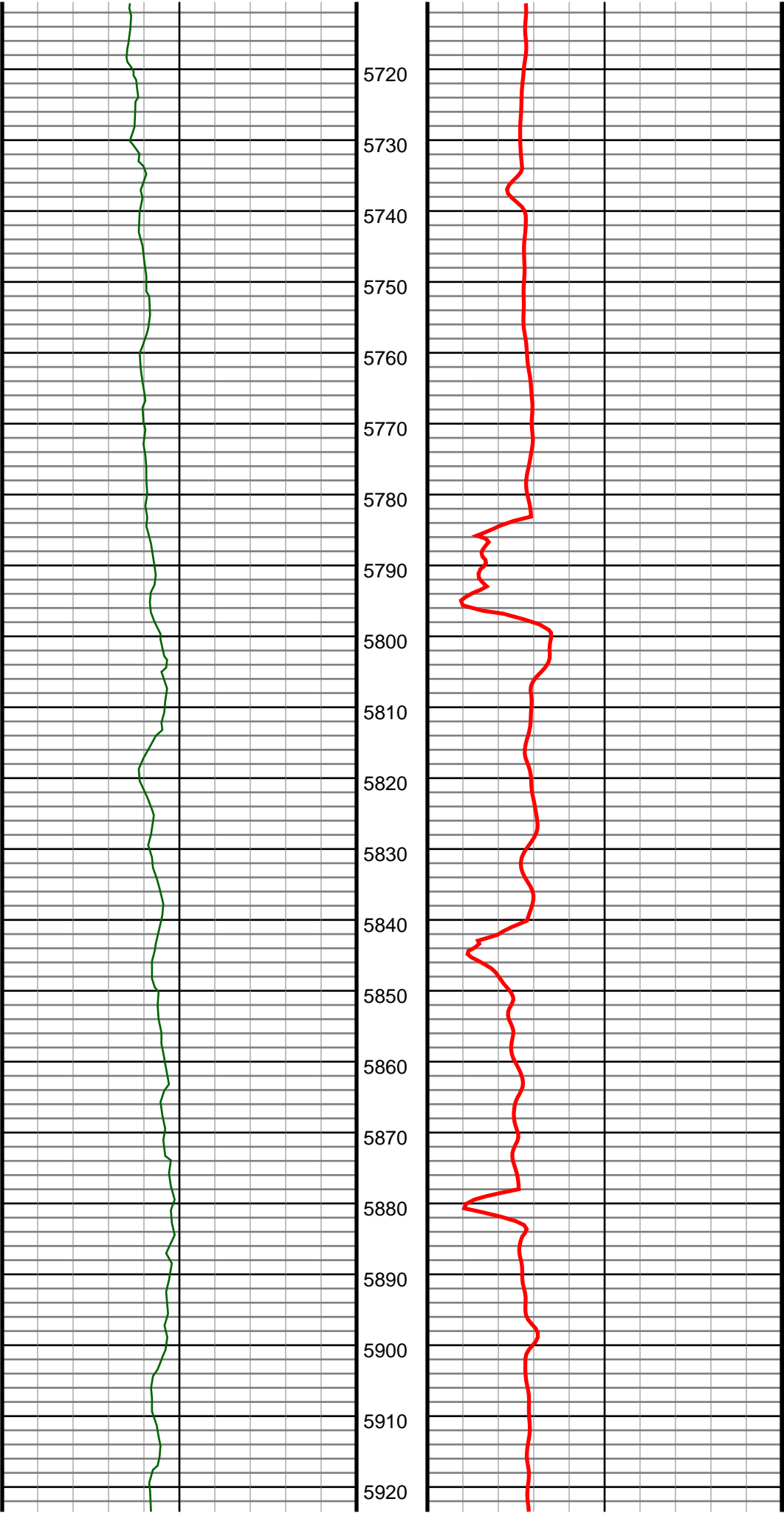
#57 MD(5351.00) Inc(2.4) Azm(1.1) TVD(5322.32)
VS(-160.66) NS(445.91) EW(188.87) TEMP(0.0)

#58 MD(5446.00) Inc(2.0) Azm(355.8) TVD(5417.25)
VS(-160.35) NS(449.55) EW(188.79) TEMP(0.0)



#59 MD(5541.00) Inc(0.5) Azm(17.8) TVD(5512.22)
VS(-160.23) NS(451.60) EW(188.79) TEMP(0.0)

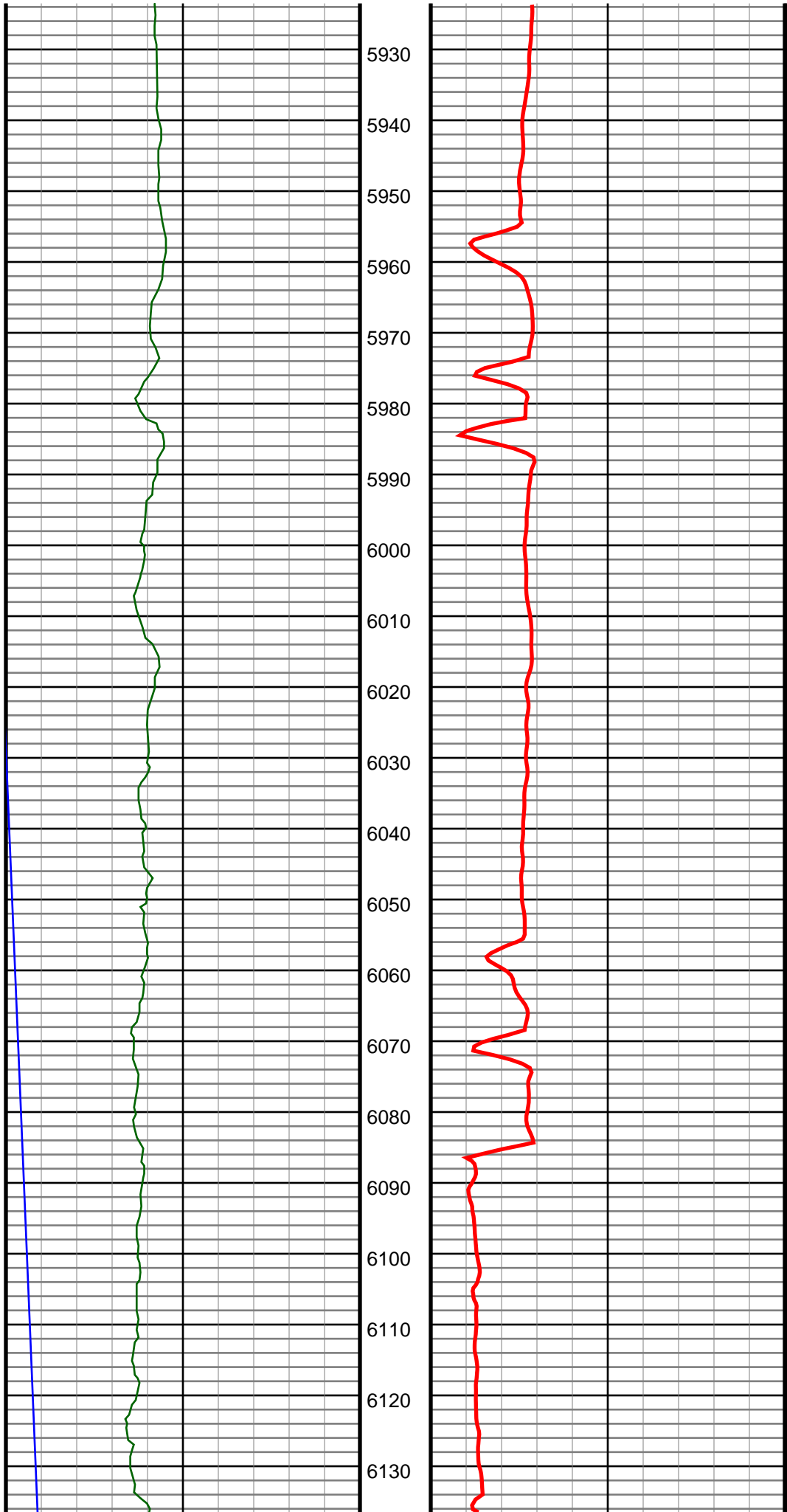
#60 MD(5637.00) Inc(0.9) Azm(3.4) TVD(5608.22)
VS(-160.33) NS(452.75) EW(188.97) TEMP(0.0)



#61 MD(5732.00) Inc(0.9) Azm(339.8) TVD(5703.20)
VS(-160.02) NS(454.20) EW(188.75) TEMP(0.0)

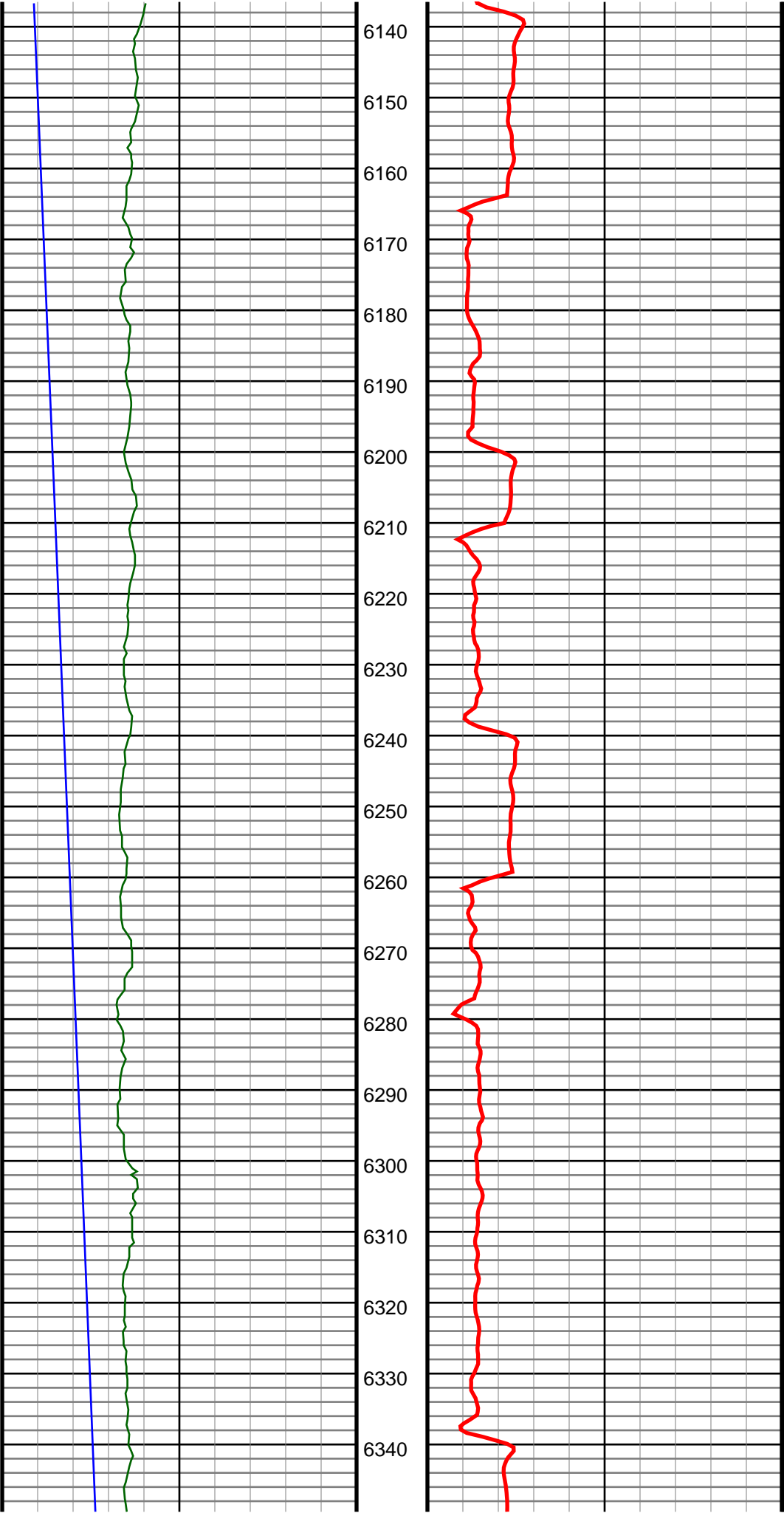
#62 MD(5827.00) Inc(1.0) Azm(53.5) TVD(5798.19)
VS(-160.36) NS(455.39) EW(189.16) TEMP(0.0)

#63 MD(5922.00) Inc(0.6) Azm(357.4) TVD(5893.19)
VS(-160.94) NS(456.38) EW(189.81) TEMP(0.0)



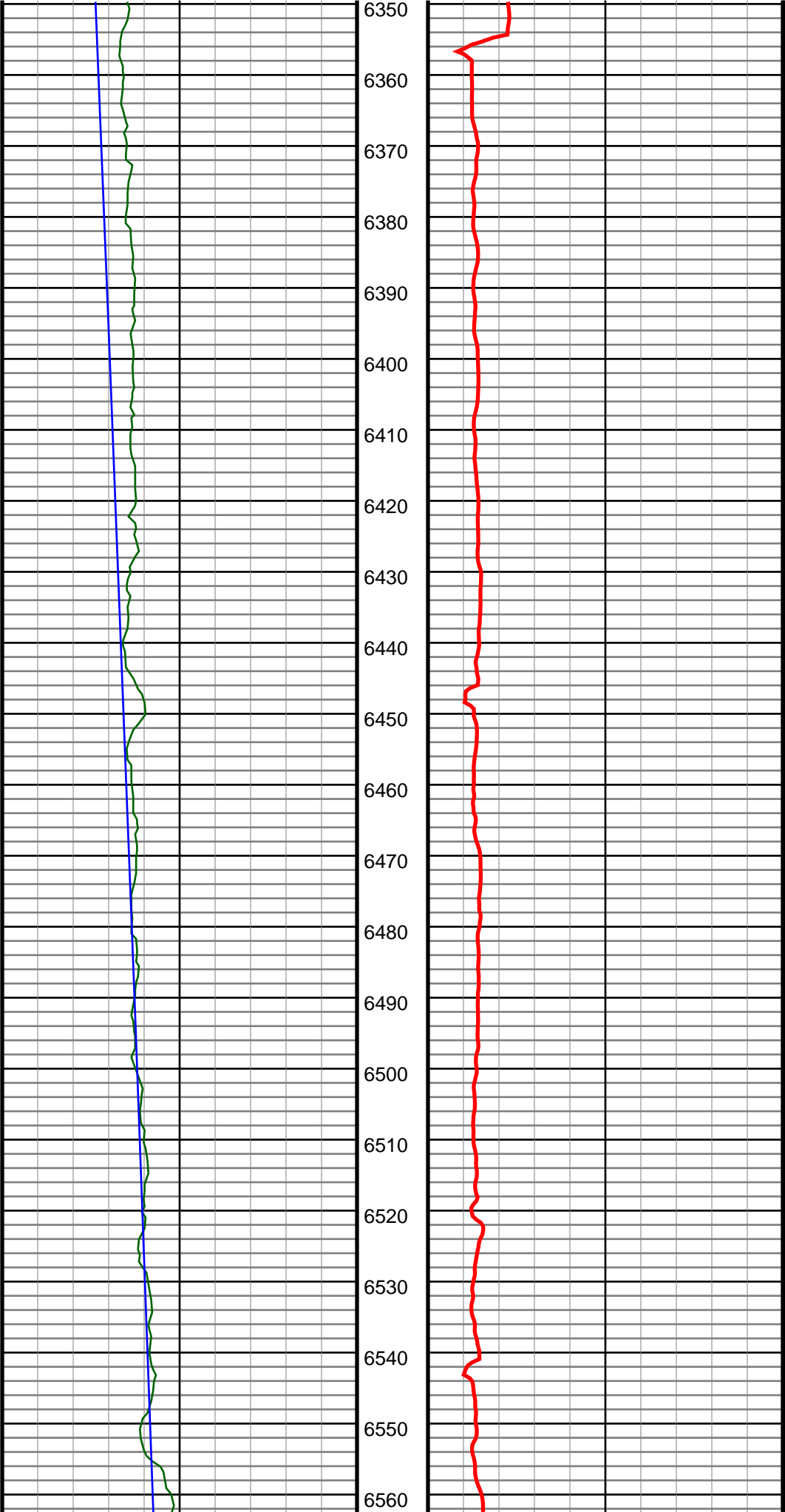
#64 MD(6017.00) Inc(1.1) Azm(329.1) TVD(5988.18)
VS(-160.37) NS(457.66) EW(189.32) TEMP(0.0)

#65 MD(6112.00) Inc(4.7) Azm(290.8) TVD(6083.04)
VS(-156.13) NS(459.83) EW(185.21) TEMP(0.0)



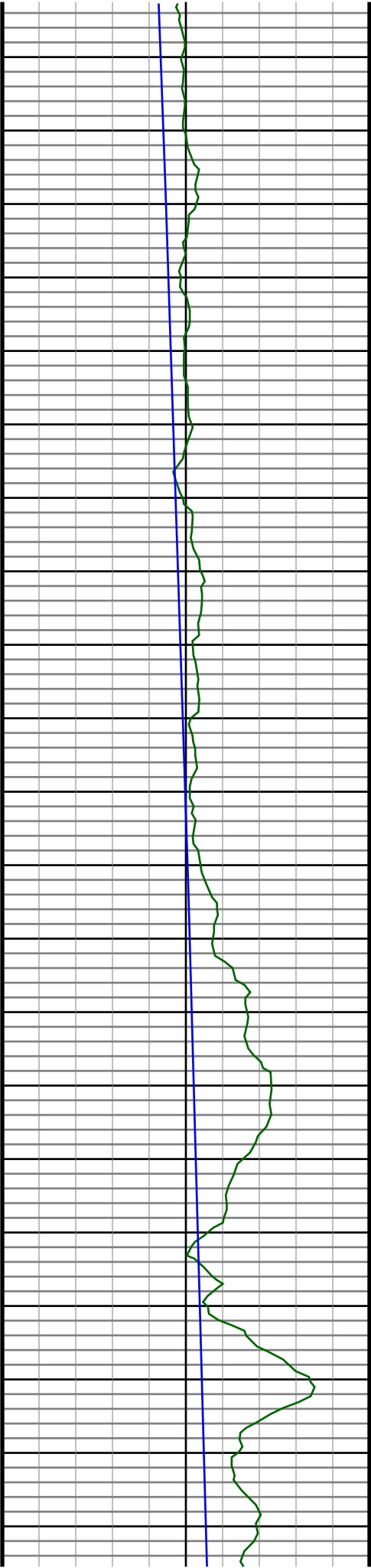
#66 MD(6207.00) Inc(10.4) Azm(283.9) TVD(6177.18)
VS(-143.97) NS(463.27) EW(173.24) TEMP(0.0)

#67 MD(6302.00) Inc(14.3) Azm(288.3) TVD(6269.97)
VS(-124.18) NS(469.02) EW(153.77) TEMP(0.0)

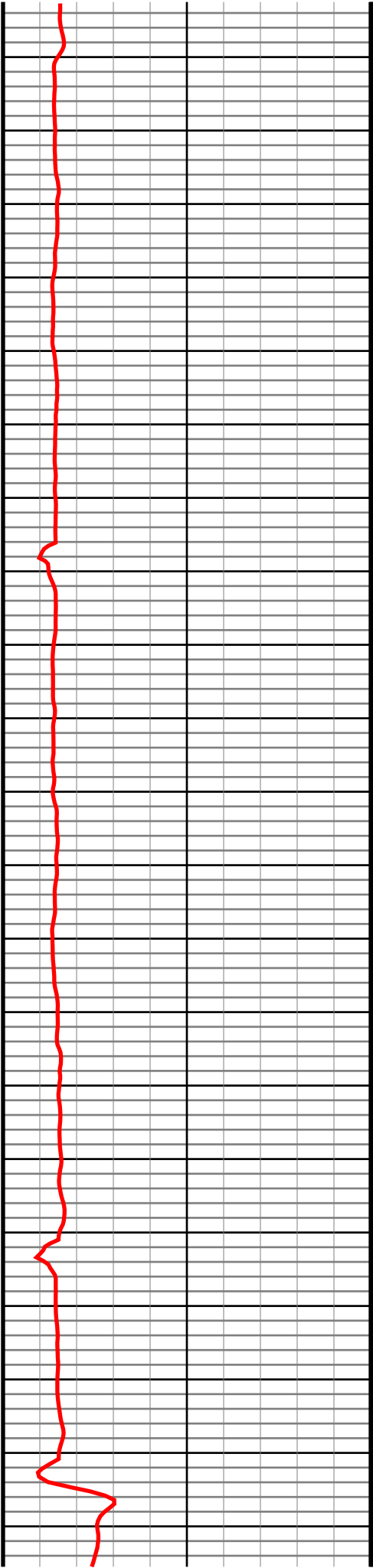


#68 MD(6397.00) Inc(18.8) Azm(278.6) TVD(6361.03)
VS(-97.56) NS(475.00) EW(127.47) TEMP(0.0)

#69 MD(6493.00) Inc(24.6) Azm(272.3) TVD(6450.20)
VS(-62.14) NS(478.11) EW(92.18) TEMP(0.0)

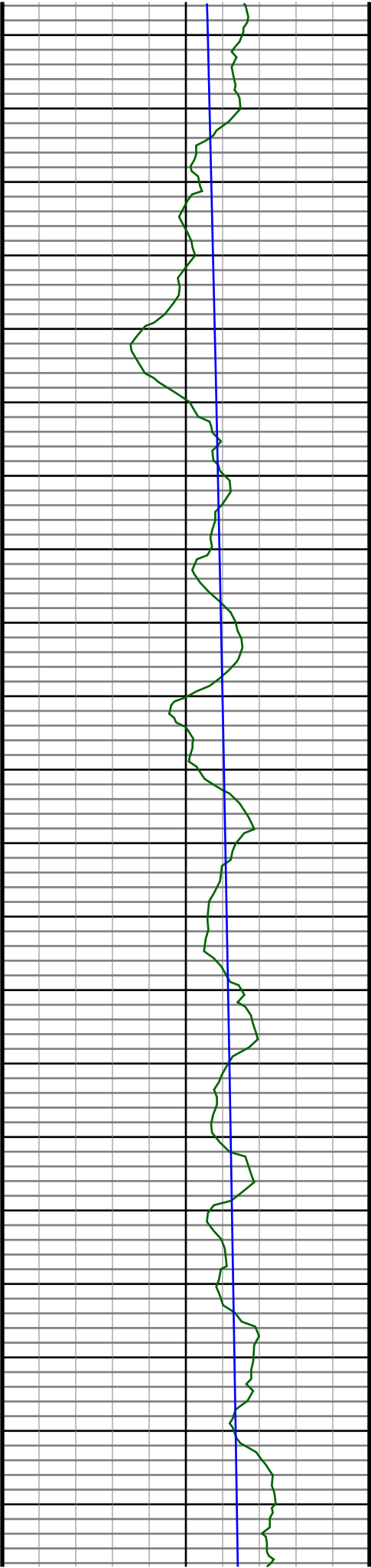


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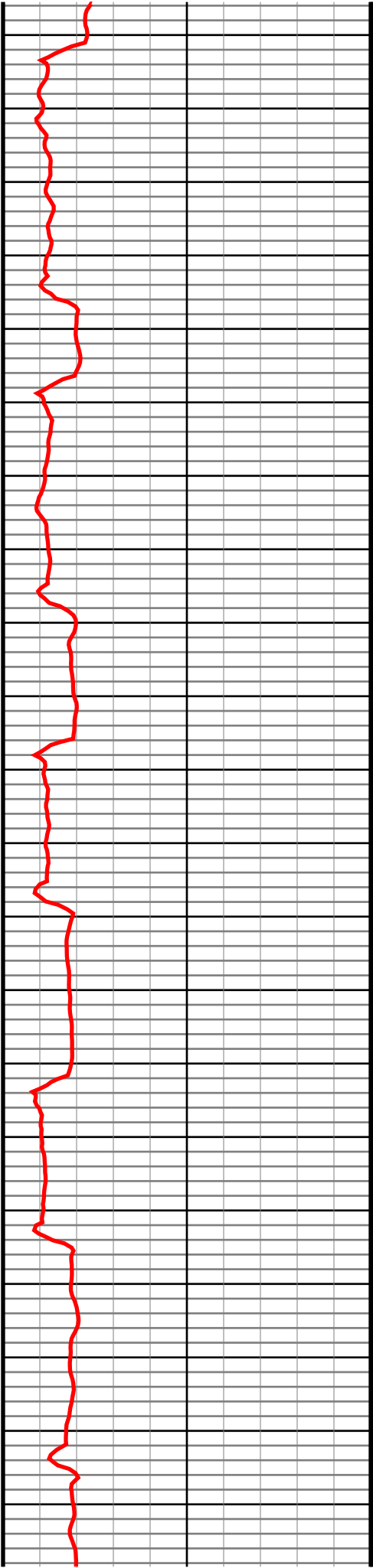


#70 MD(6588.00) Inc(32.9) Azm(272.1) TVD(6533.41)
VS(-16.50) NS(479.86) EW(46.56) TEMP(0.0)

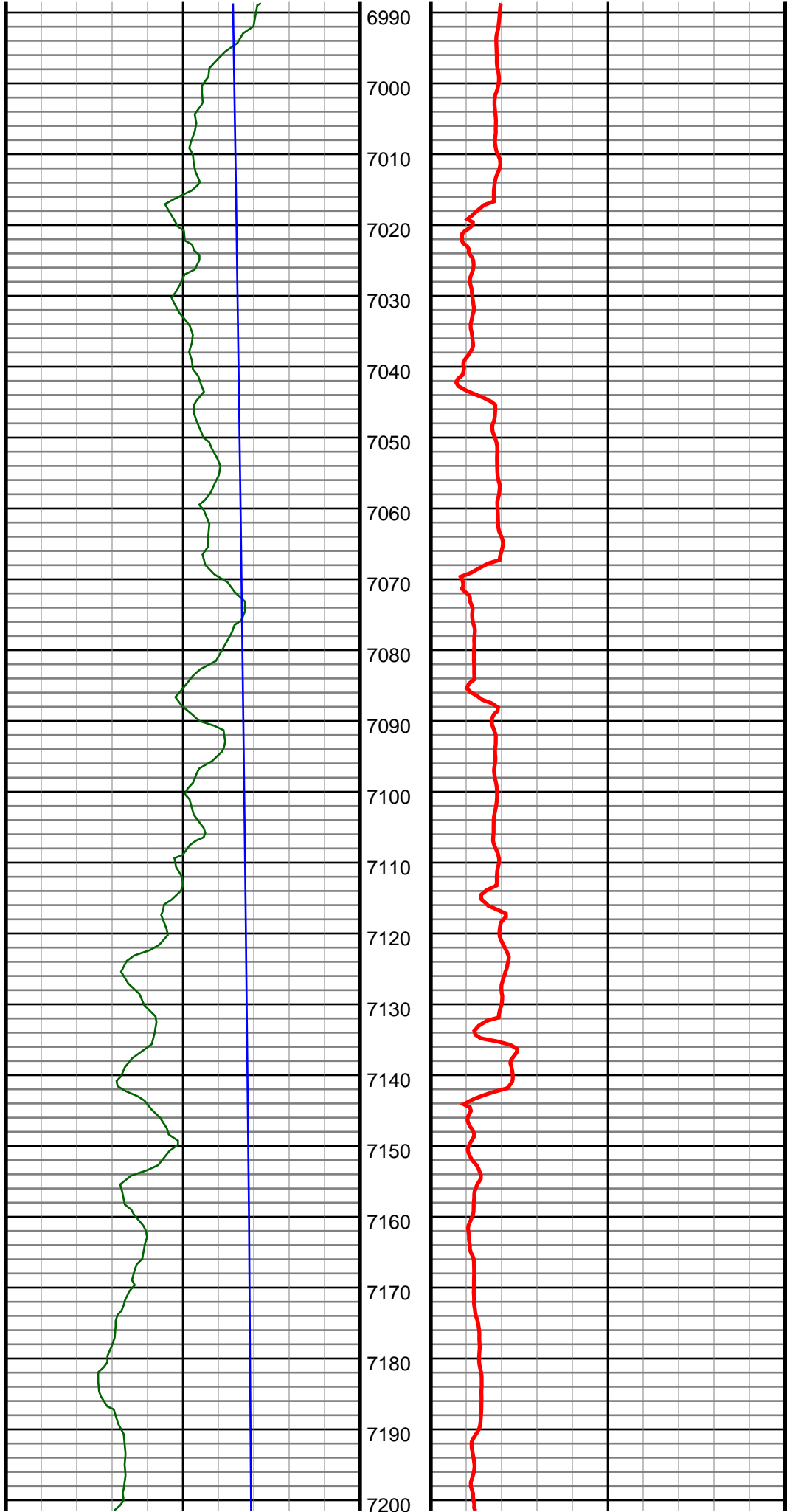
#71 MD(6683.00) Inc(43.7) Azm(268.4) TVD(6607.87)
VS(42.15) NS(479.88) EW(-12.21) TEMP(0.0)



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#72 MD(6778.00) Inc(53.5) Azm(268.8) TVD(6670.62) VS(113.06) NS(478.16) EW(-83.37) TEMP(0.0)
#73 MD(6826.00) Inc(58.0) Azm(268.6) TVD(6697.62) VS(152.58) NS(477.26) EW(-123.02) TEMP(0.0)
#74 MD(6874.00) Inc(61.7) Azm(267.4) TVD(6721.73) VS(193.88) NS(475.81) EW(-164.49) TEMP(0.0)
#75 MD(6922.00) Inc(65.2) Azm(266.7) TVD(6743.18) VS(236.54) NS(473.59) EW(-207.37) TEMP(0.0)
#76 MD(6969.00) Inc(66.9) Azm(267.9) TVD(6762.26) VS(279.23) NS(471.57) EW(-250.27) TEMP(0.0)

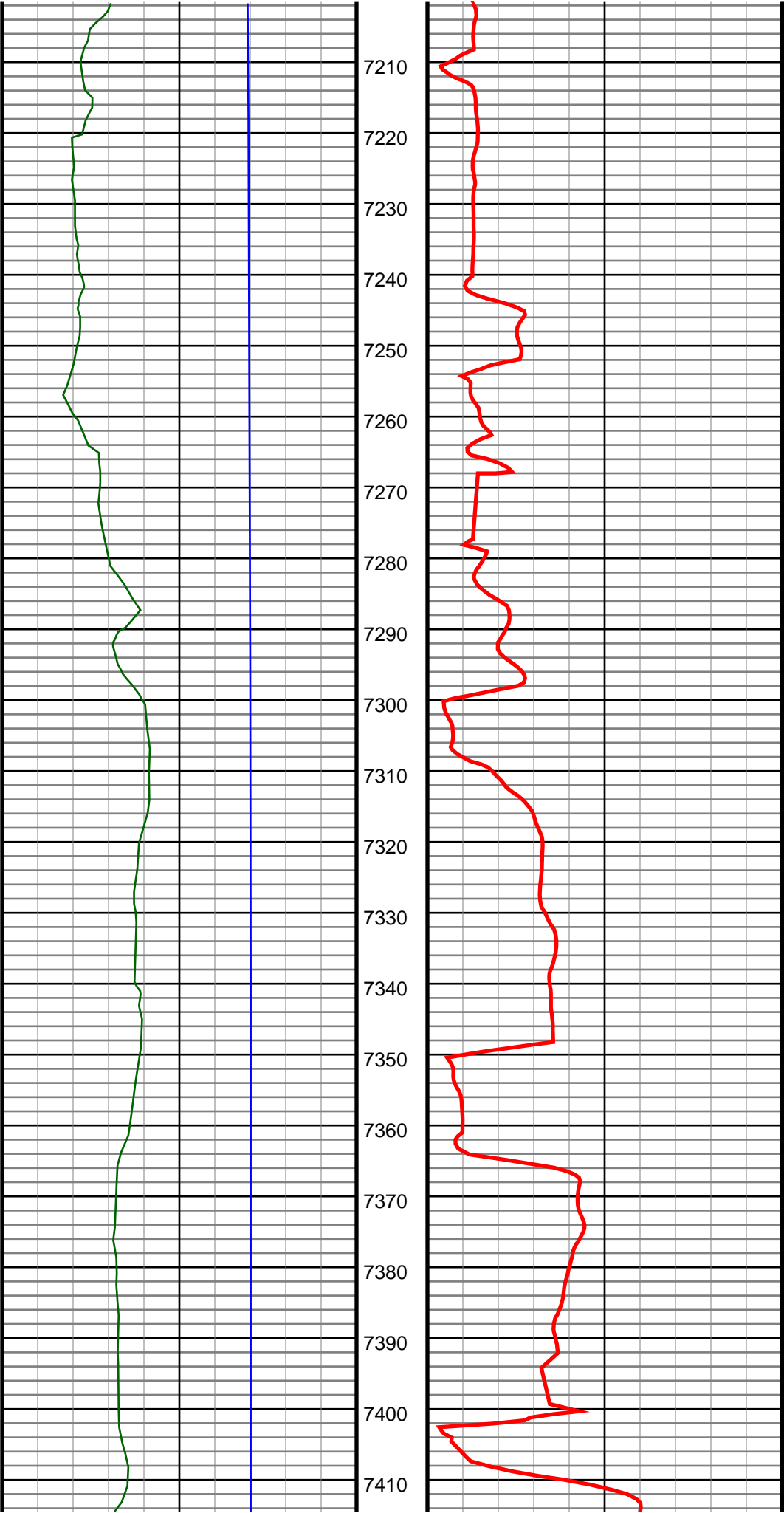


#77 MD(7017.00) Inc(68.3) Azm(267.4) TVD(6780.55)
VS(323.37) NS(469.75) EW(-294.61) TEMP(0.0)

#78 MD(7064.00) Inc(71.4) Azm(268.3) TVD(6796.74)
VS(367.27) NS(468.10) EW(-338.70) TEMP(0.0)

#79 MD(7112.00) Inc(73.2) Azm(269.0) TVD(6811.33)
VS(412.82) NS(467.02) EW(-384.41) TEMP(0.0)

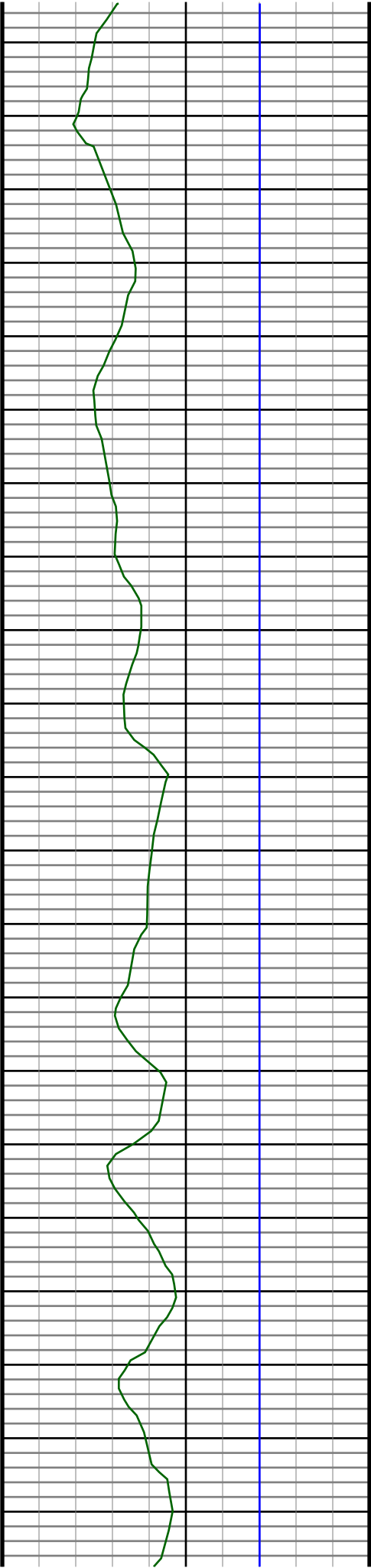
#80 MD(7160.00) Inc(76.2) Azm(268.4) TVD(6824.00)
VS(458.95) NS(465.97) EW(-430.69) TEMP(0.0)



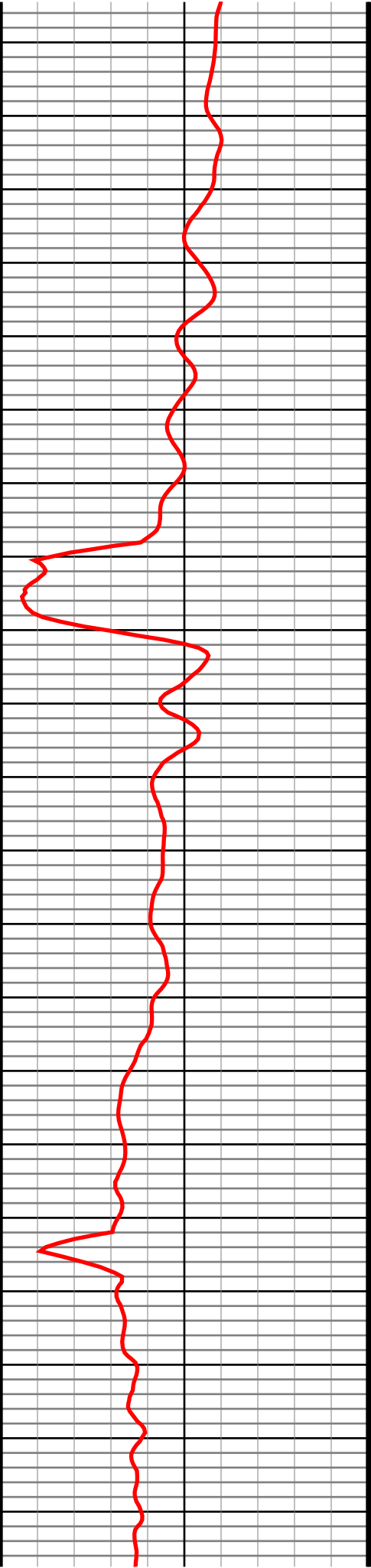
#81 MD(7218.00) Inc(84.1) Azm(269.3) TVD(6833.91)
VS(515.85) NS(464.83) EW(-487.78) TEMP(0.0)

#82 MD(7294.00) Inc(86.9) Azm(272.0) TVD(6839.87)
VS(591.50) NS(465.69) EW(-563.53) TEMP(0.0)

#83 MD(7339.00) Inc(88.8) Azm(272.3) TVD(6841.56)
VS(636.46) NS(467.38) EW(-608.46) TEMP(0.0)



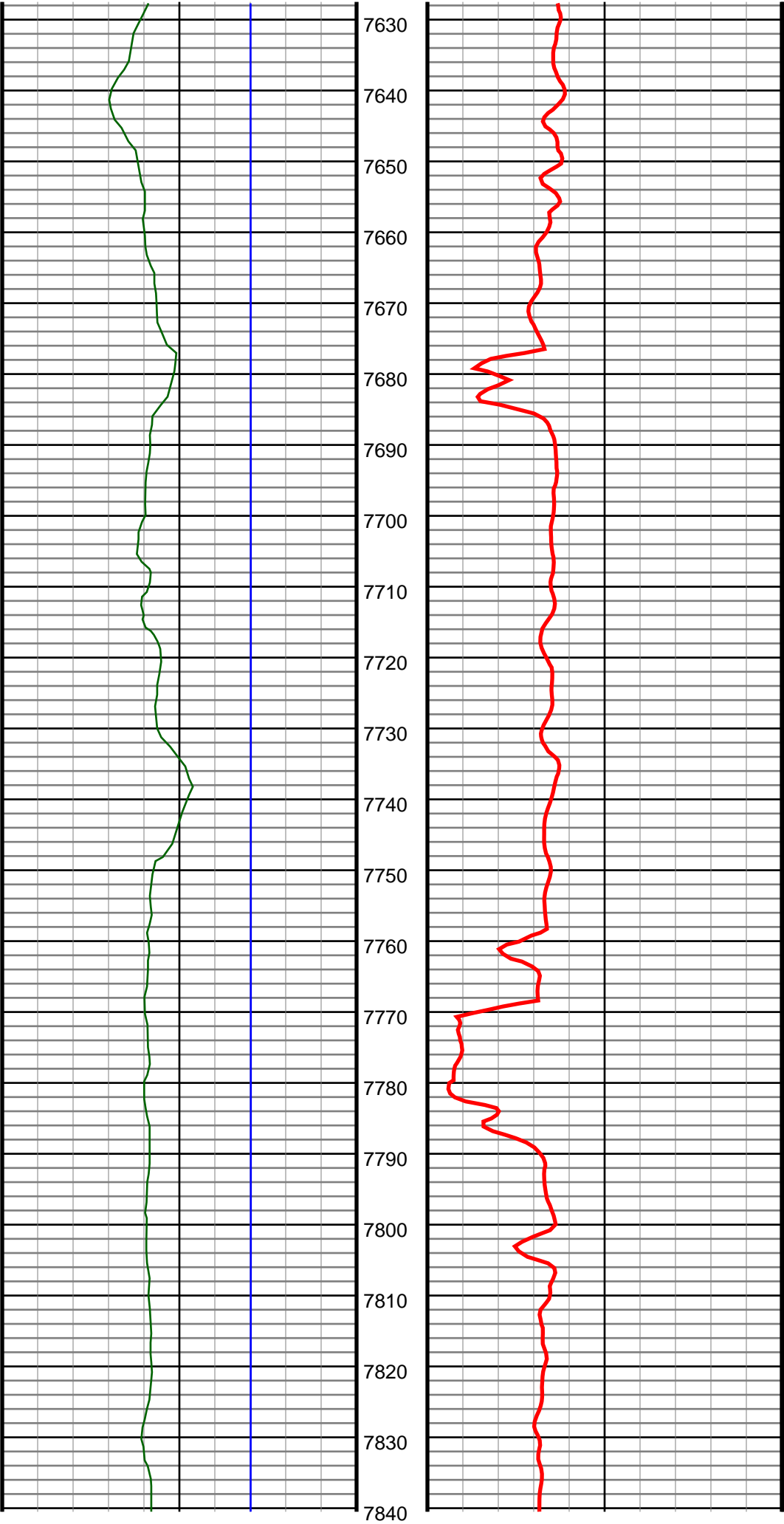
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#84 MD(7433.00) Inc(91.3) Azm(268.8) TVD(6841.48)
VS(730.30) NS(468.28) EW(-702.43) TEMP(0.0)

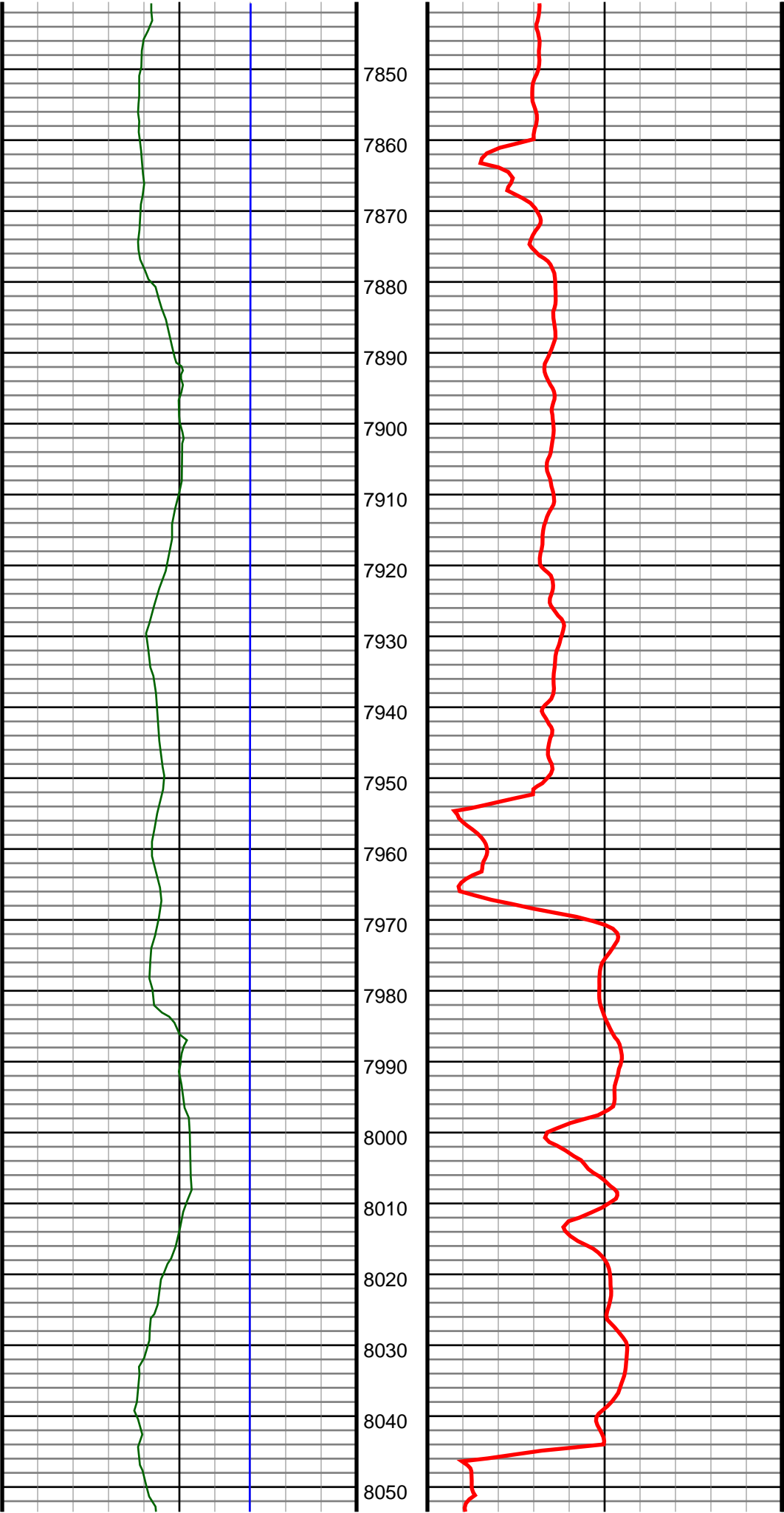
#85 MD(7527.00) Inc(90.0) Azm(269.3) TVD(6840.41)
VS(824.00) NS(466.73) EW(-796.41) TEMP(0.0)

#86 MD(7621.00) Inc(89.4) Azm(268.8) TVD(6840.91)
VS(917.71) NS(465.17) EW(-890.40) TEMP(0.0)



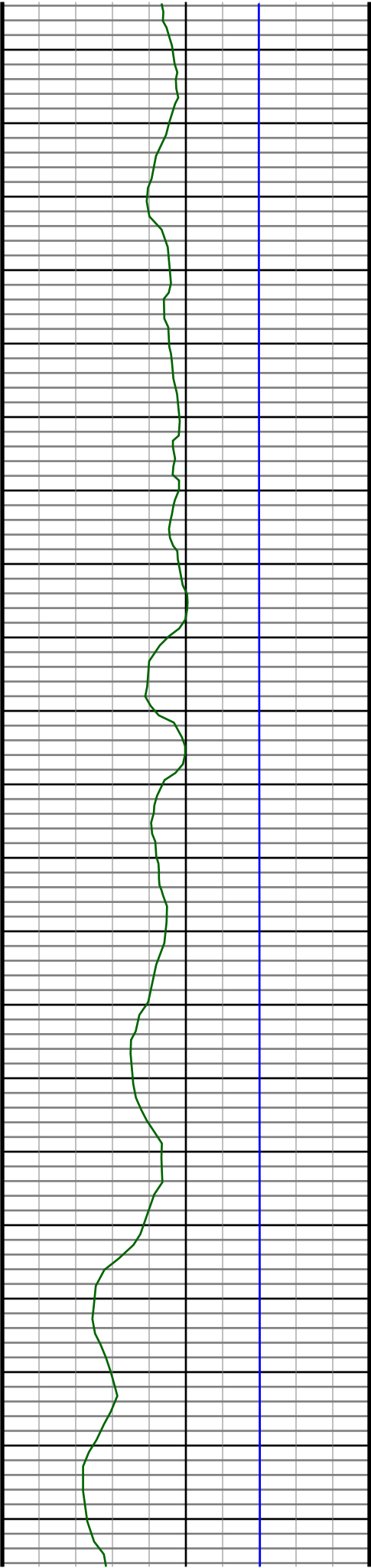
#87 MD(7712.00) Inc(89.3) Azm(267.9) TVD(6841.94)
VS(1008.32) NS(462.55) EW(-981.35) TEMP(0.0)

#88 MD(7804.00) Inc(90.7) Azm(269.3) TVD(6841.94)
VS(1099.97) NS(460.30) EW(-1073.32) TEMP(0.0)

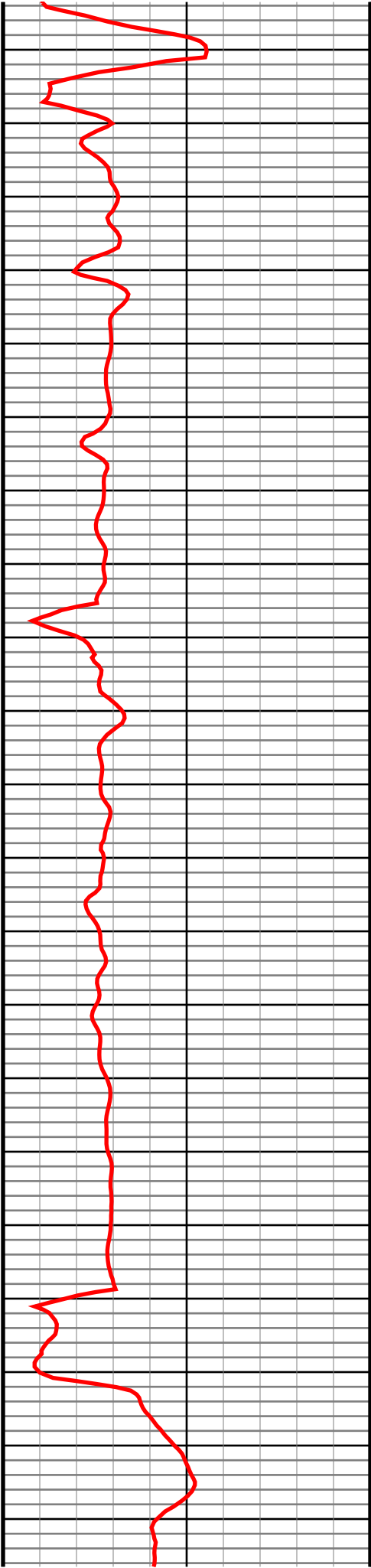


#89 MD(7896.00) Inc(91.4) Azm(269.1) TVD(6840.25)
VS(1191.68) NS(459.02) EW(-1165.30) TEMP(0.0)

#90 MD(7988.00) Inc(90.9) Azm(271.1) TVD(6838.41)
VS(1283.49) NS(459.18) EW(-1257.27) TEMP(0.0)



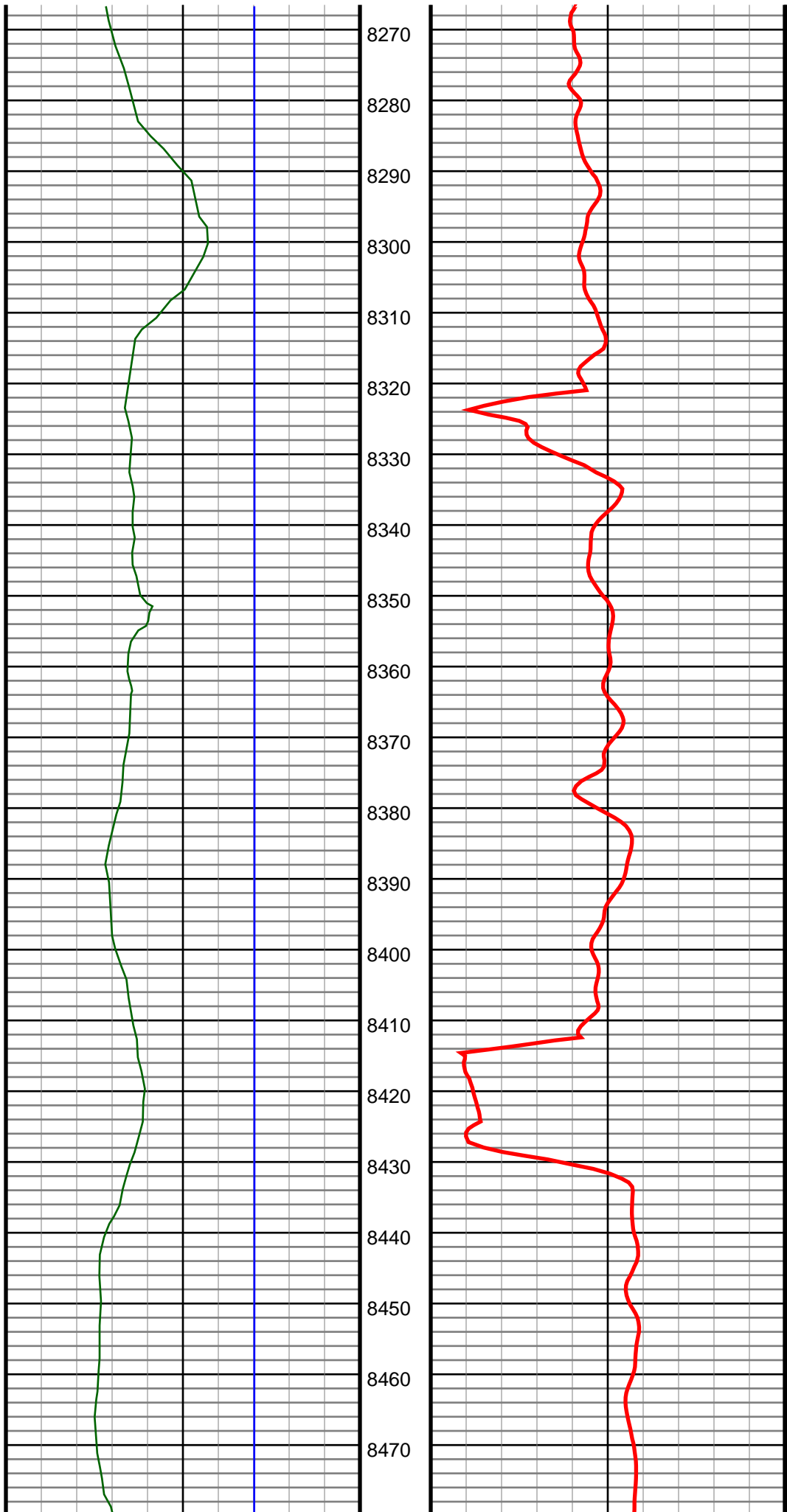
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#91 MD(8079.00) Inc(89.3) Azm(270.2) TVD(6838.25)
VS(1374.37) NS(460.21) EW(-1348.26) TEMP(0.0)

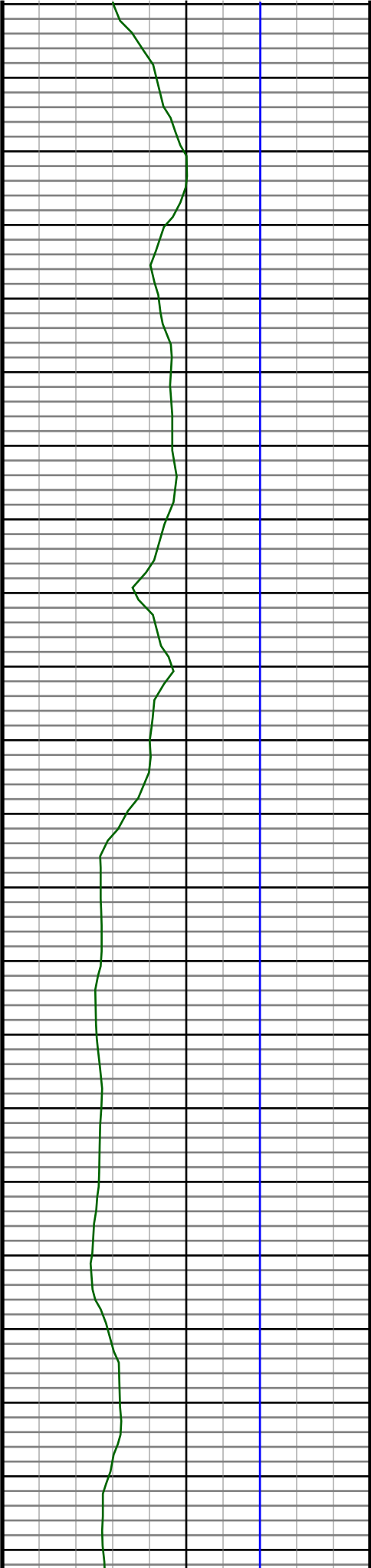
#92 MD(8171.00) Inc(88.2) Azm(269.7) TVD(6840.25)
VS(1466.16) NS(460.13) EW(-1440.24) TEMP(0.0)

#93 MD(8263.00) Inc(89.7) Azm(269.3) TVD(6841.94)
VS(1557.91) NS(459.33) EW(-1532.22) TEMP(0.0)

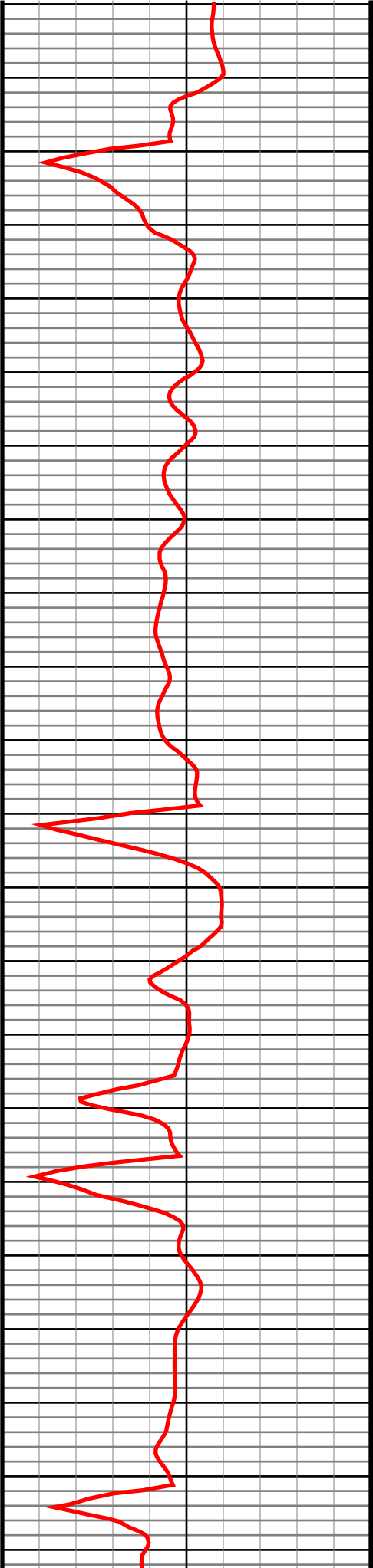


#94 MD(8354.00) Inc(89.3) Azm(269.0) TVD(6842.73)
VS(1648.63) NS(457.98) EW(-1623.20) TEMP(0.0)

#95 MD(8445.00) Inc(91.3) Azm(270.7) TVD(6842.26)
VS(1739.43) NS(457.74) EW(-1714.19) TEMP(0.0)

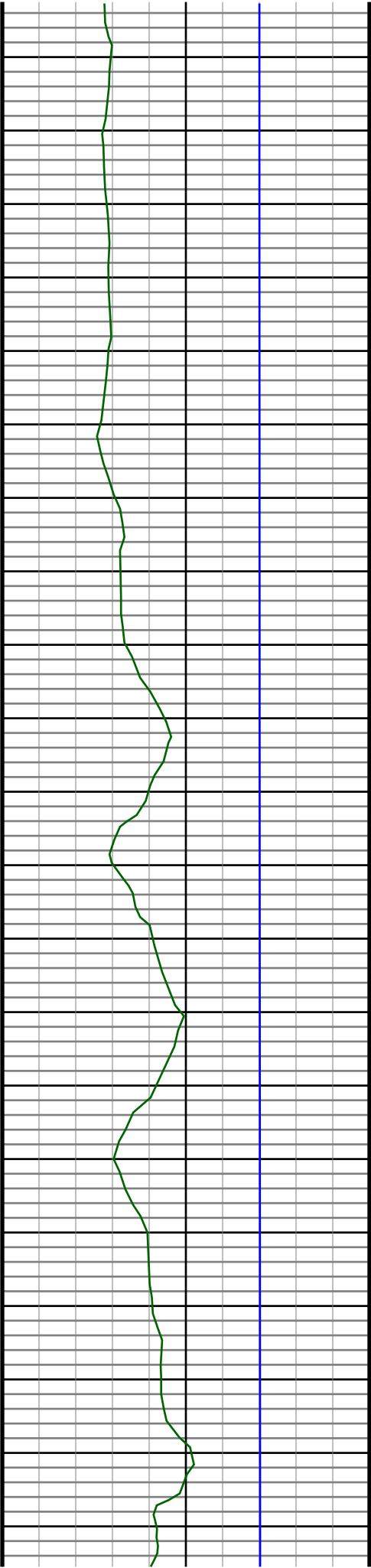


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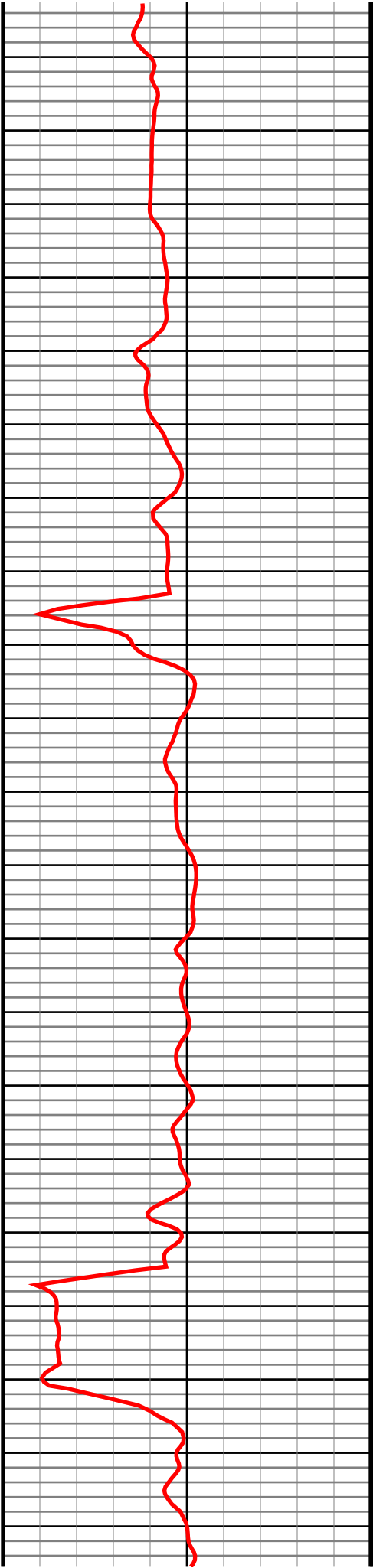


#96 MD(8536.00) Inc(90.7) Azm(270.6) TVD(6840.67)
VS(1830.30) NS(458.77) EW(-1805.17) TEMP(0.0)

#97 MD(8628.00) Inc(89.9) Azm(269.5) TVD(6840.19)
VS(1922.12) NS(458.85) EW(-1897.17) TEMP(0.0)



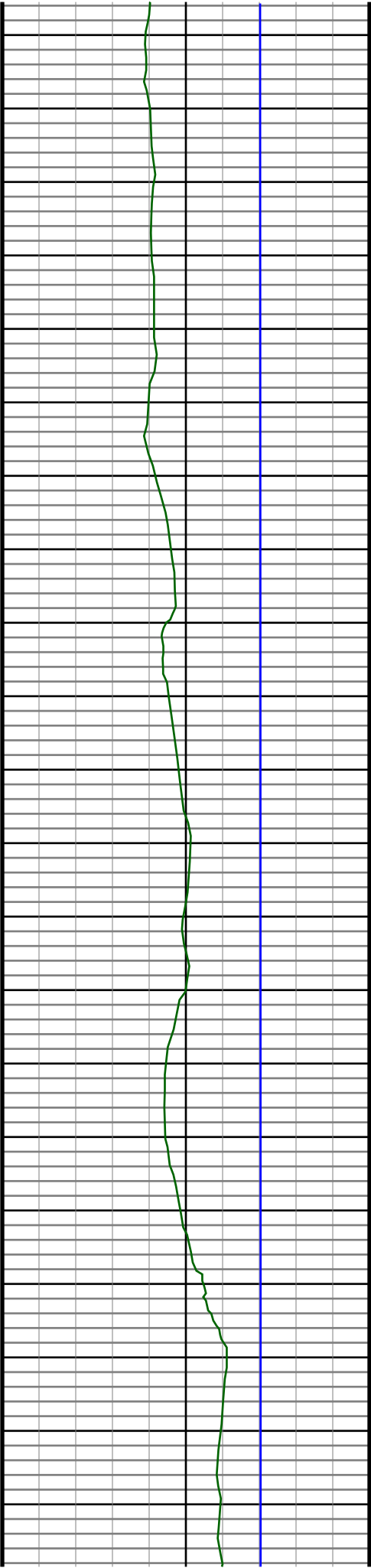
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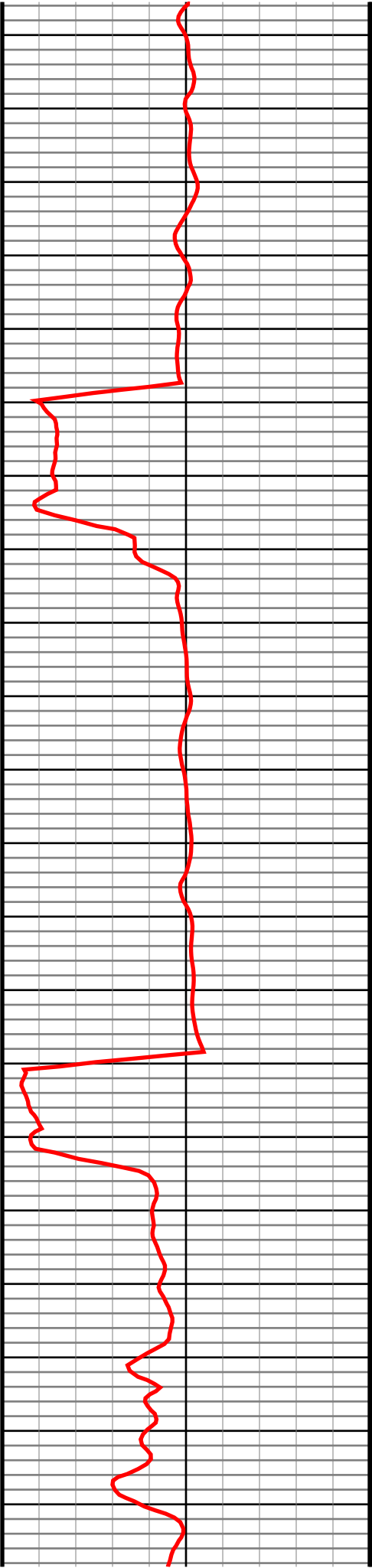
#98 MD(8720.00) Inc(89.9) Azm(269.0) TVD(6840.35)
VS(2013.86) NS(457.65) EW(-1989.16) TEMP(0.0)

#99 MD(8812.00) Inc(89.0) Azm(268.4) TVD(6841.23)
VS(2105.52) NS(455.56) EW(-2081.13) TEMP(0.0)

#100 MD(8903.00) Inc(89.2) Azm(269.7) TVD(6842.66)
VS(2196.22) NS(454.05) EW(-2172.11) TEMP(0.0)

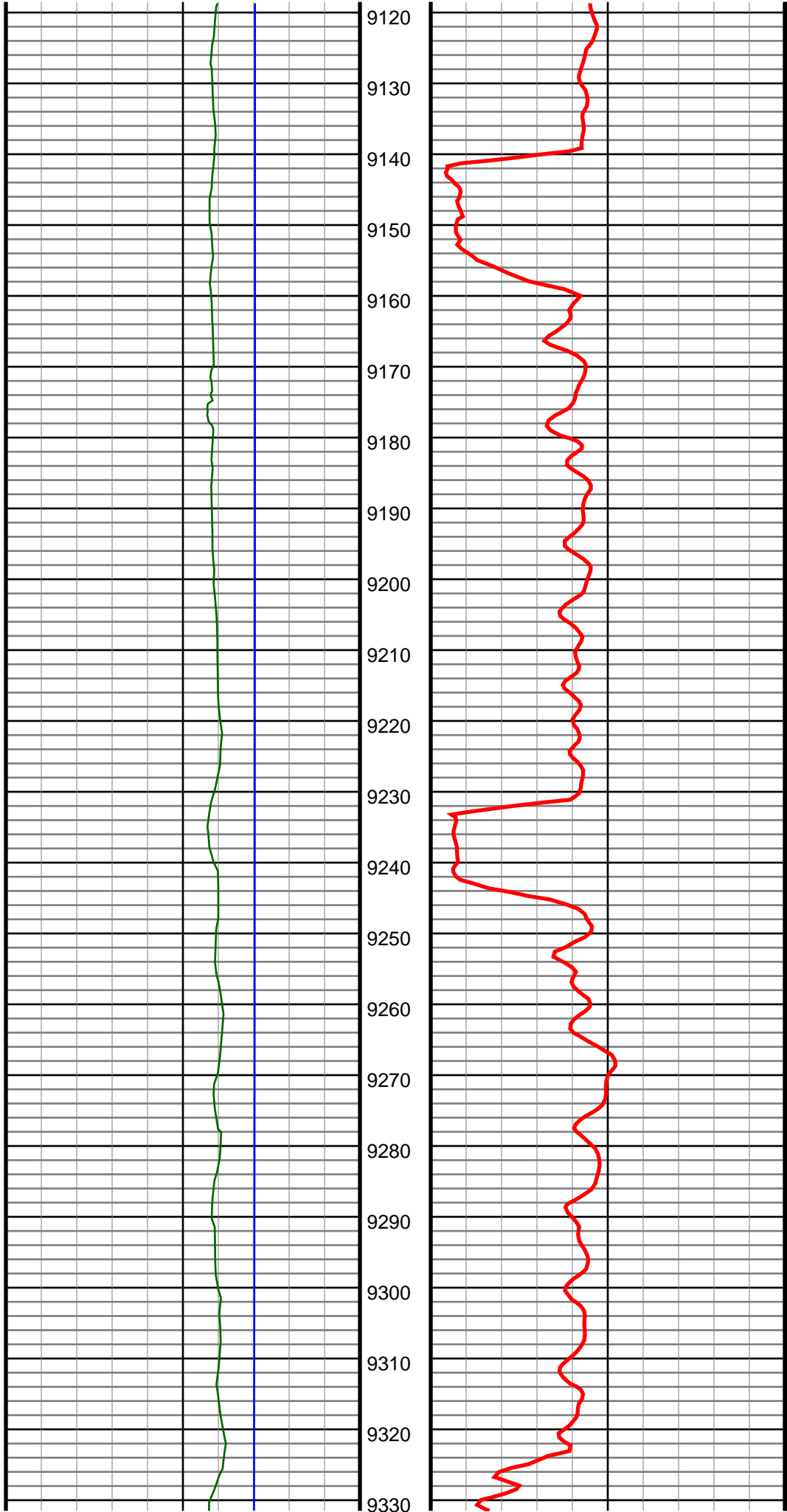


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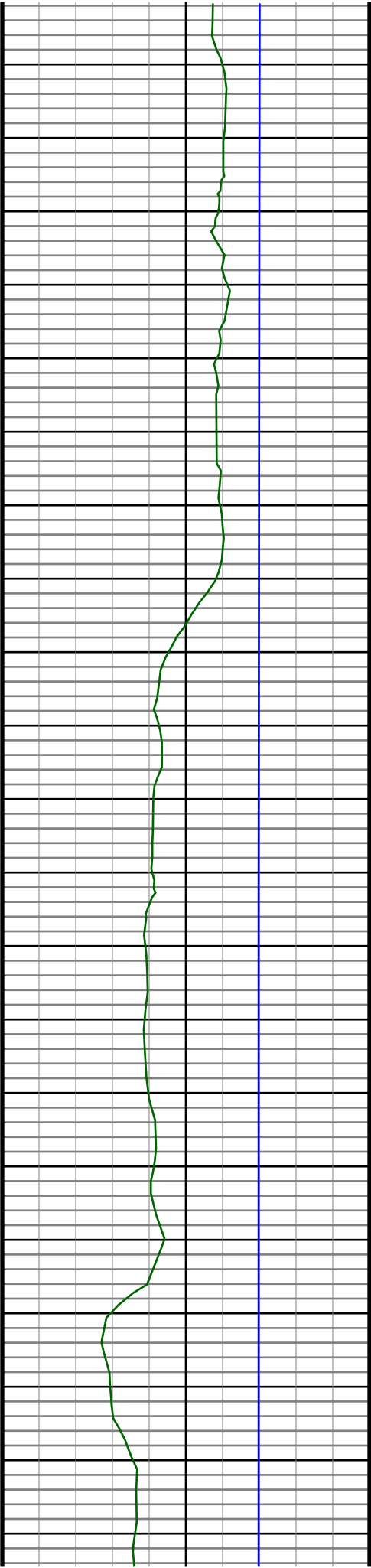
#101 MD(8995.00) Inc(89.5) Azm(271.8) TVD(6843.70)
VS(2288.10) NS(455.25) EW(-2264.09) TEMP(0.0)

#102 MD(9086.00) Inc(89.8) Azm(270.4) TVD(6844.26)
VS(2379.01) NS(457.00) EW(-2355.07) TEMP(0.0)

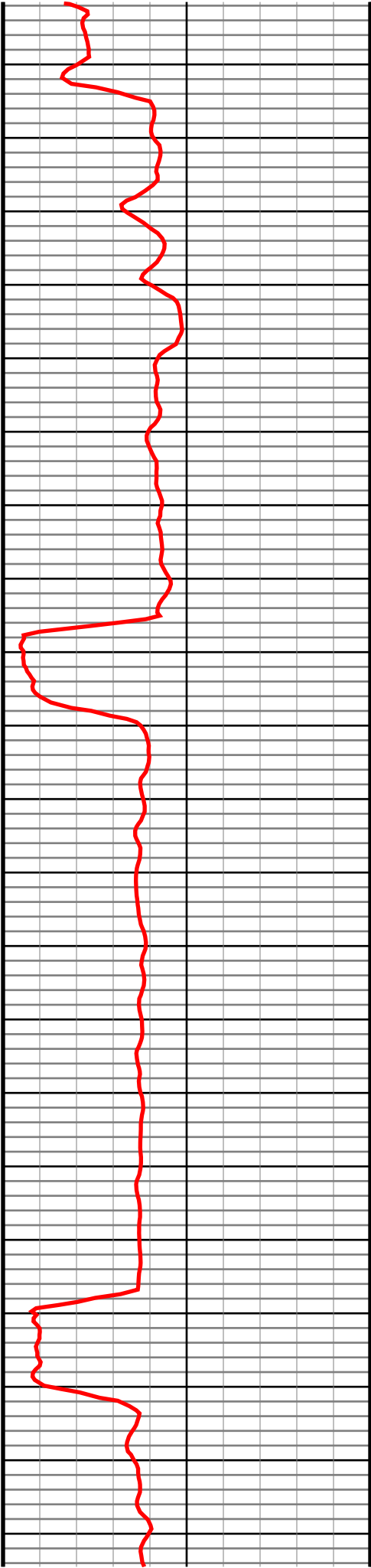


#103 MD(9177.00) Inc(90.2) Azm(269.5) TVD(6844.26)
VS(2469.82) NS(456.92) EW(-2446.07) TEMP(0.0)

#104 MD(9269.00) Inc(91.5) Azm(269.9) TVD(6842.90)
VS(2561.60) NS(456.44) EW(-2538.05) TEMP(0.0)



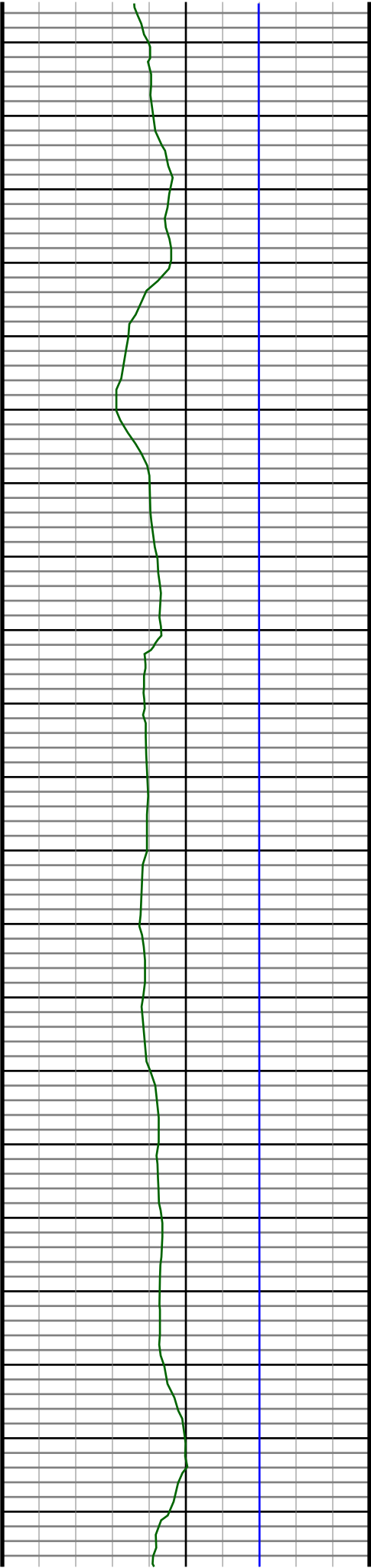
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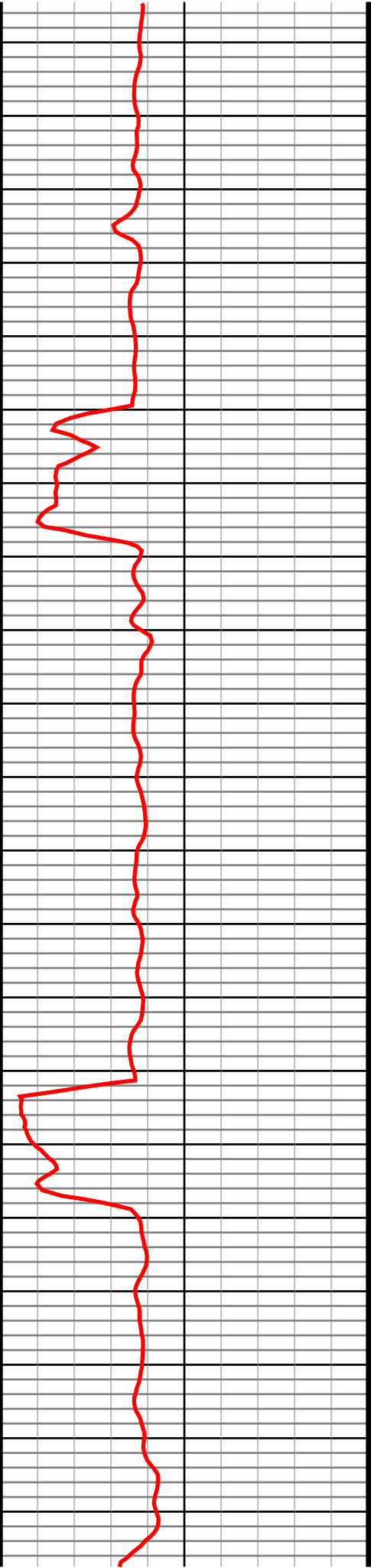
#105 MD(9360.00) Inc(92.0) Azm(270.2) TVD(6840.12)
VS(2652.38) NS(456.52) EW(-2629.01) TEMP(0.0)

#106 MD(9452.00) Inc(90.9) Azm(270.9) TVD(6837.79)
VS(2744.22) NS(457.40) EW(-2720.97) TEMP(0.0)

#107 MD(9544.00) Inc(89.1) Azm(269.5) TVD(6837.79)
VS(2836.06) NS(457.72) EW(-2812.97) TEMP(0.0)

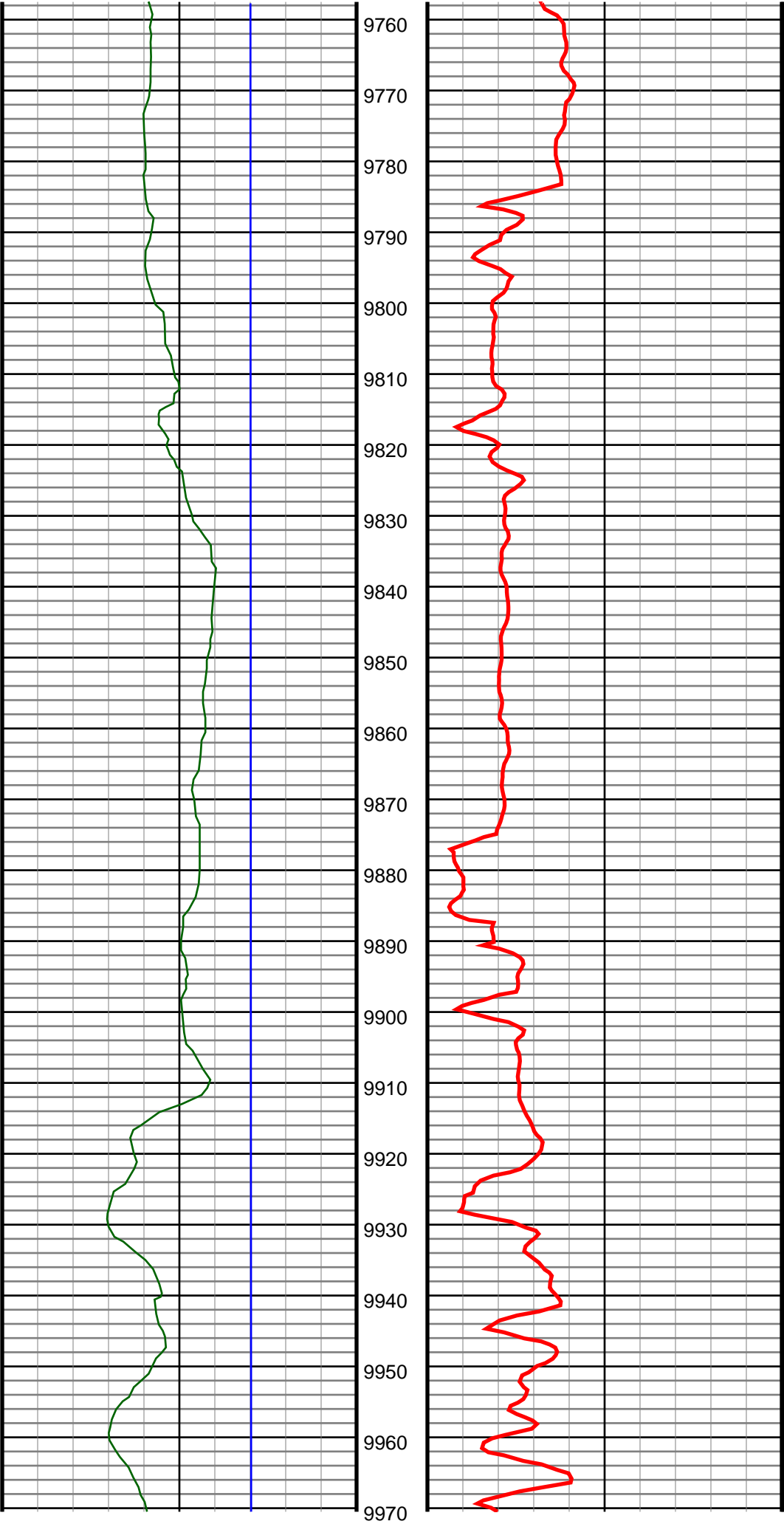


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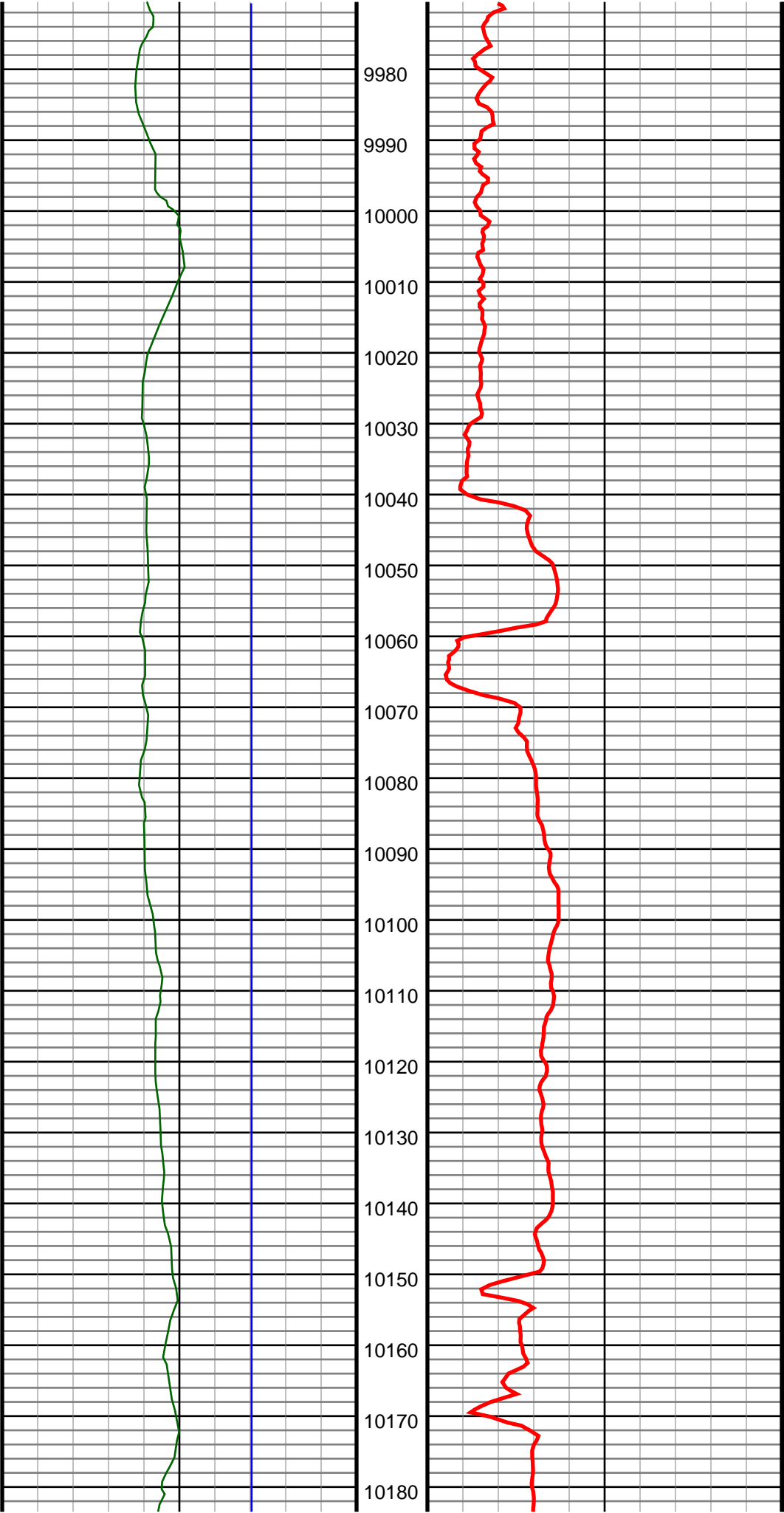
#108 MD(9636.00) Inc(88.9) Azm(268.1) TVD(6839.39)
VS(2927.72) NS(455.80) EW(-2904.93) TEMP(0.0)

#109 MD(9728.00) Inc(89.8) Azm(269.0) TVD(6840.44)
VS(3019.36) NS(453.47) EW(-2996.89) TEMP(0.0)



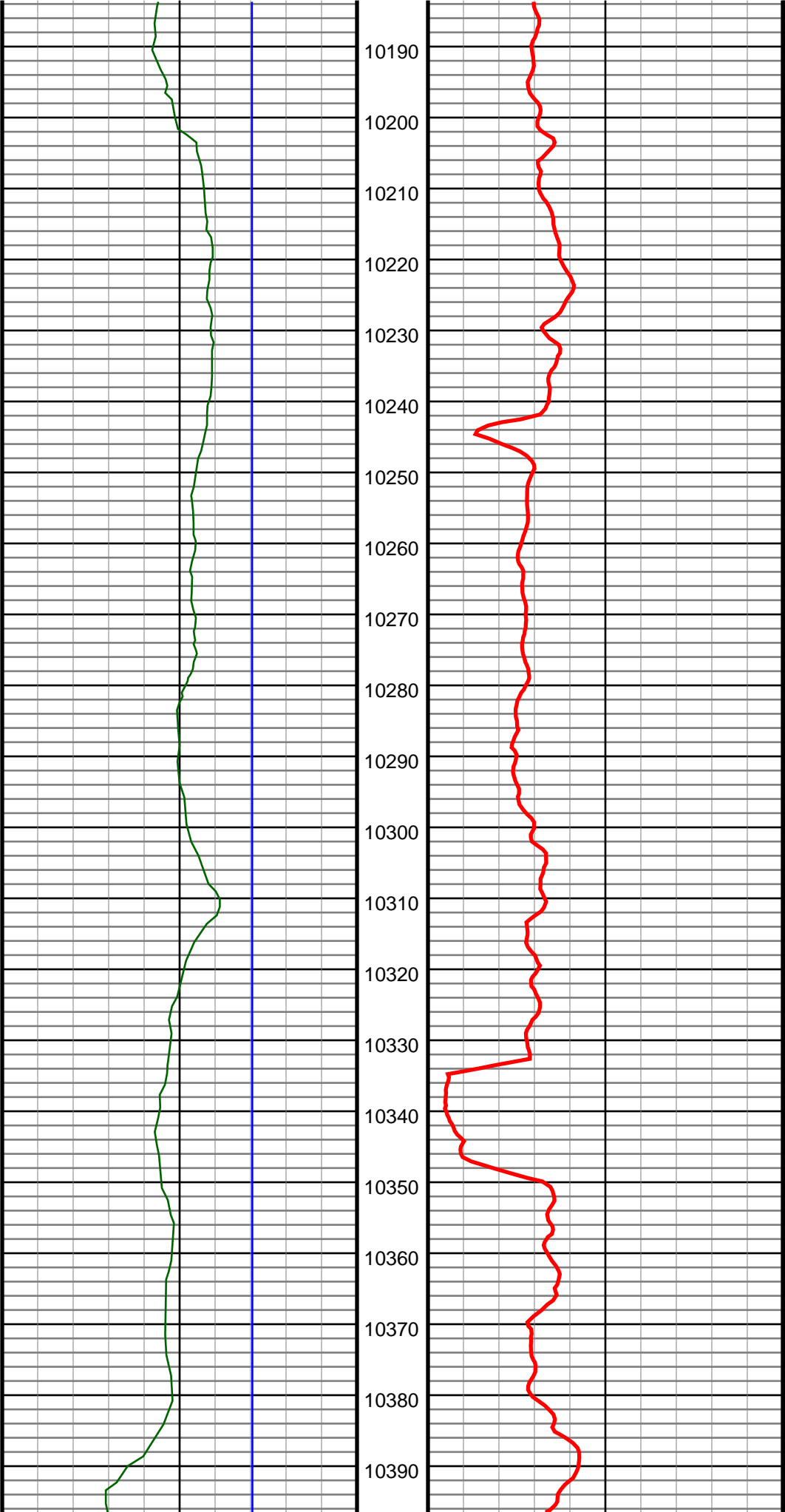
#110 MD(9820.00) Inc(89.3) Azm(268.8) TVD(6841.16)
VS(3111.05) NS(451.70) EW(-3088.87) TEMP(0.0)

#111 MD(9912.00) Inc(89.4) Azm(270.7) TVD(6842.20)
VS(3202.83) NS(451.30) EW(-3180.86) TEMP(0.0)



#112 MD(10004.00) Inc(88.9) Azm(270.2) TVD(6843.57)
VS(3294.69) NS(452.02) EW(-3272.85) TEMP(0.0)

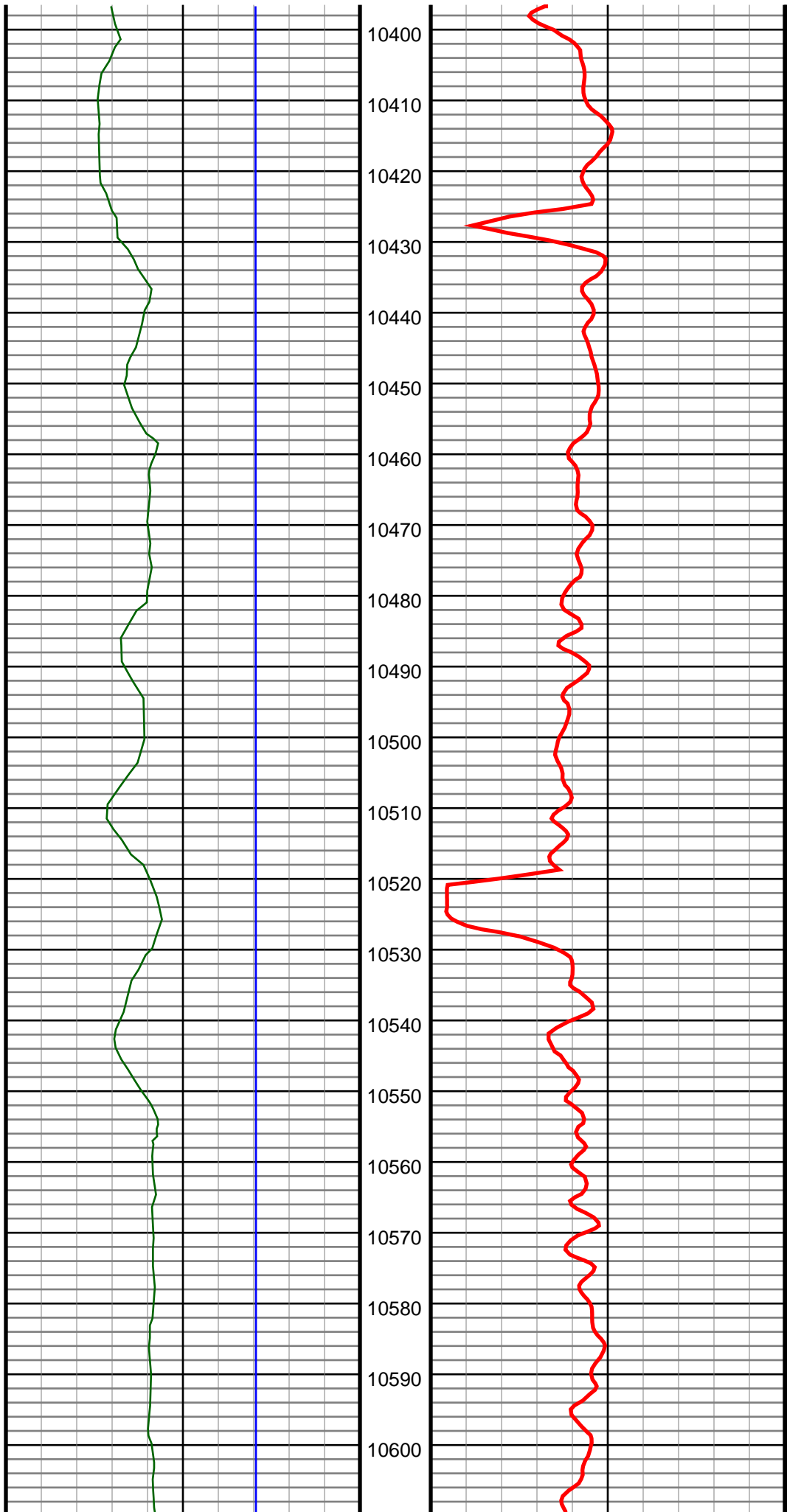
#113 MD(10096.00) Inc(90.0) Azm(269.5) TVD(6844.45)
VS(3386.49) NS(451.78) EW(-3364.84) TEMP(0.0)



#114 MD(10188.00) Inc(89.8) Azm(269.1) TVD(6844.61)
VS(3478.23) NS(450.66) EW(-3456.83) TEMP(0.0)

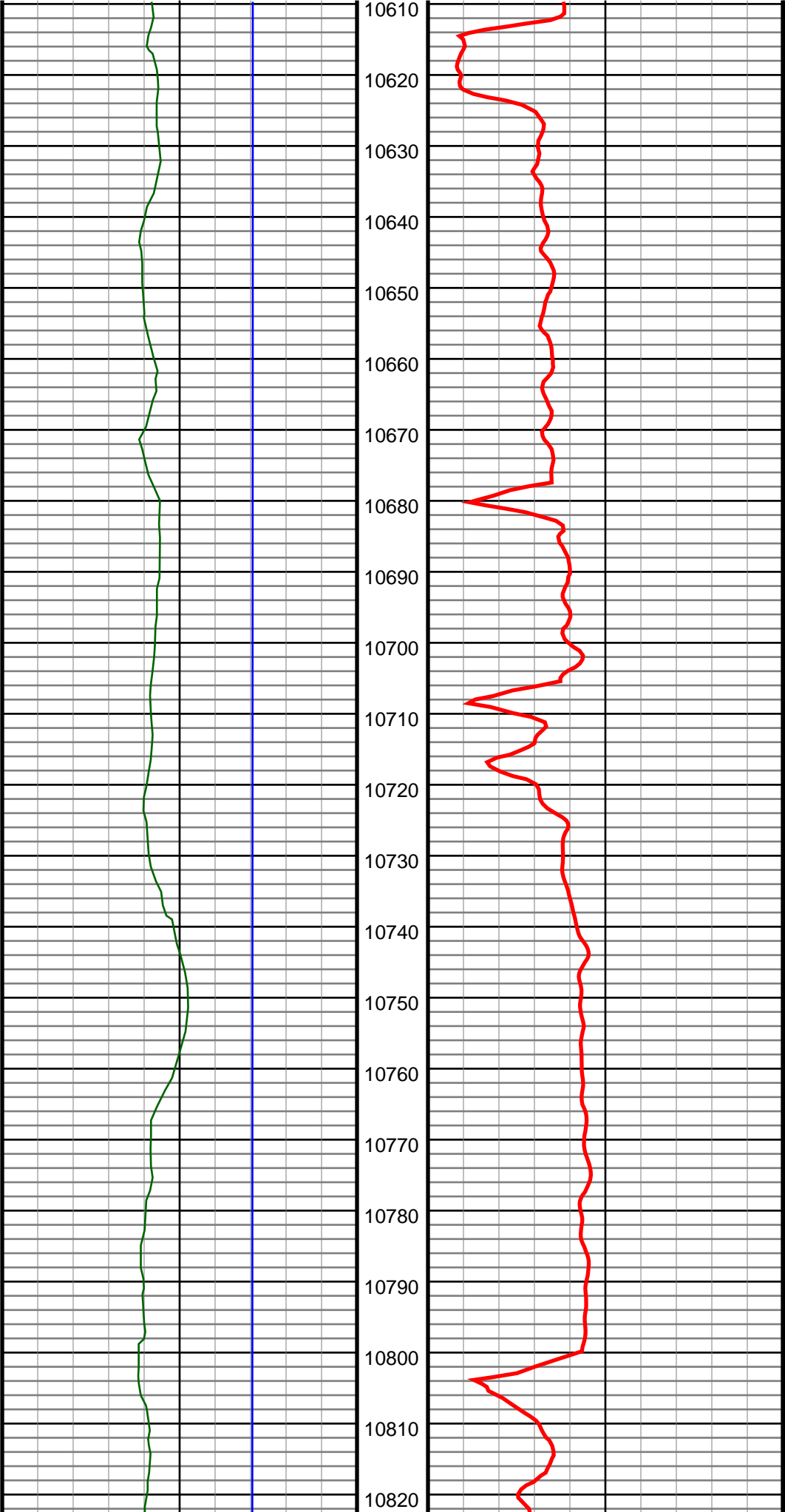
#115 MD(10280.00) Inc(89.3) Azm(268.6) TVD(6845.34)
VS(3569.91) NS(448.81) EW(-3548.81) TEMP(0.0)

#116 MD(10371.00) Inc(90.0) Azm(269.5) TVD(6845.89)
VS(3660.62) NS(447.30) EW(-3639.80) TEMP(0.0)



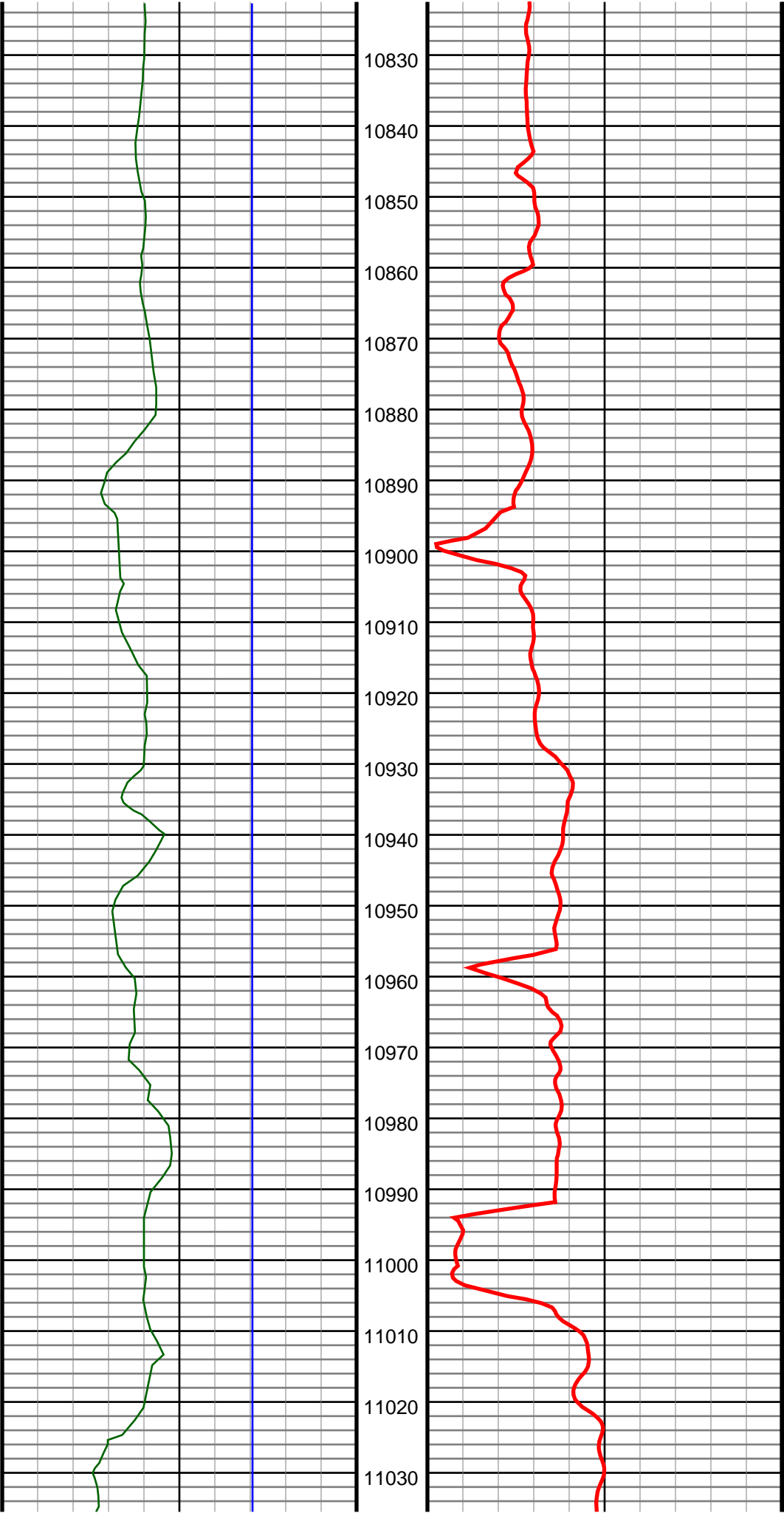
#117 MD(10465.00) Inc(89.2) Azm(269.7) TVD(6846.55)
VS(3754.39) NS(446.65) EW(-3733.79) TEMP(0.0)

#118 MD(10560.00) Inc(89.5) Azm(269.0) TVD(6847.63)
VS(3849.13) NS(445.57) EW(-3828.78) TEMP(0.0)



#119 MD(10654.00) Inc(90.8) Azm(270.7) TVD(6847.38)
VS(3942.92) NS(445.32) EW(-3922.77) TEMP(0.0)

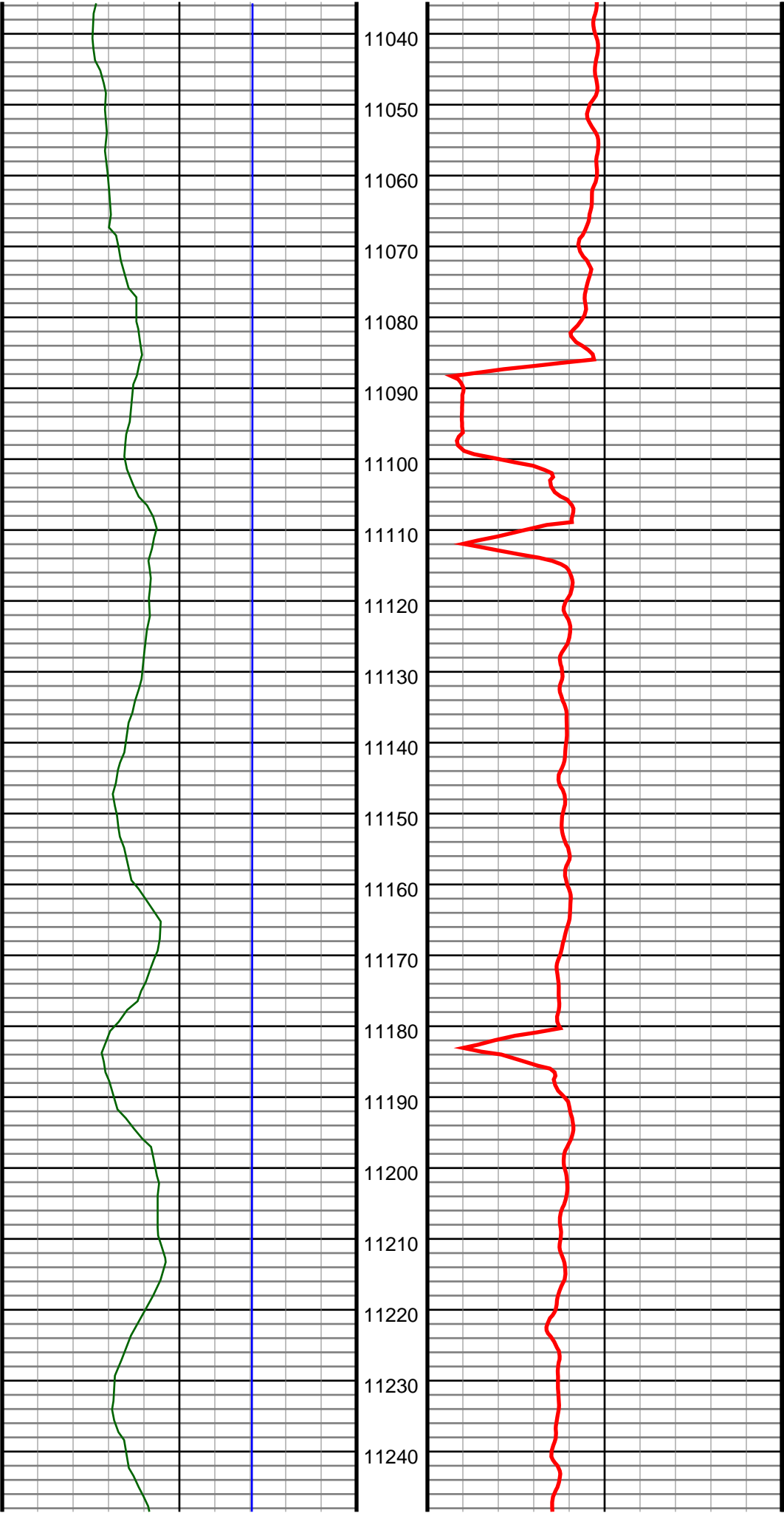
#120 MD(10748.00) Inc(90.5) Azm(270.6) TVD(6846.31)
VS(4036.80) NS(446.39) EW(-4016.76) TEMP(0.0)



#121 MD(10843.00) Inc(90.2) Azm(270.4) TVD(6845.73)
VS(4131.66) NS(447.22) EW(-4111.75) TEMP(0.0)

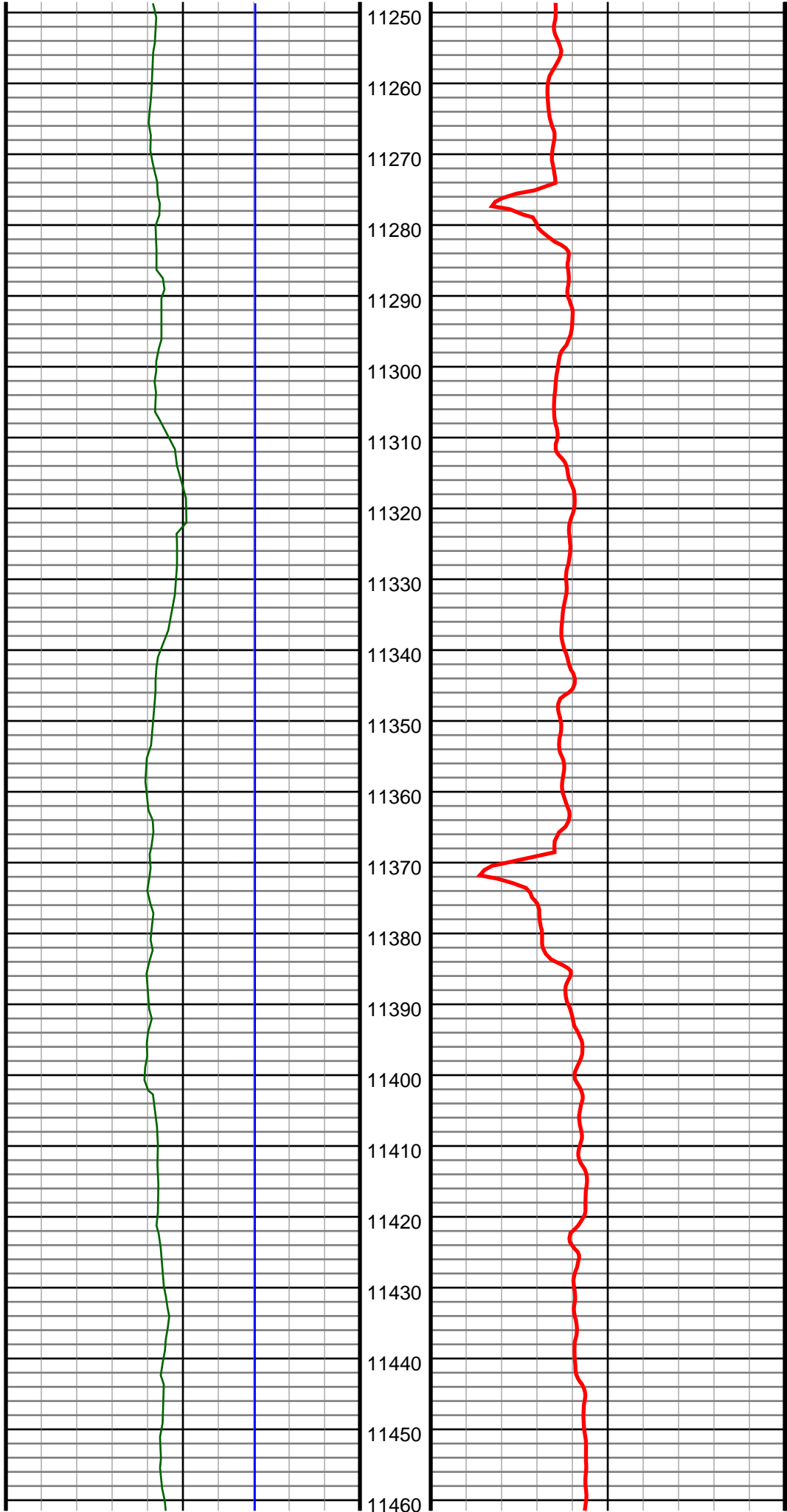
#122 MD(10937.00) Inc(89.0) Azm(270.2) TVD(6846.39)
VS(4225.50) NS(447.71) EW(-4205.75) TEMP(0.0)

#123 MD(11032.00) Inc(89.5) Azm(269.5) TVD(6847.63)
VS(4320.29) NS(447.46) EW(-4300.74) TEMP(0.0)



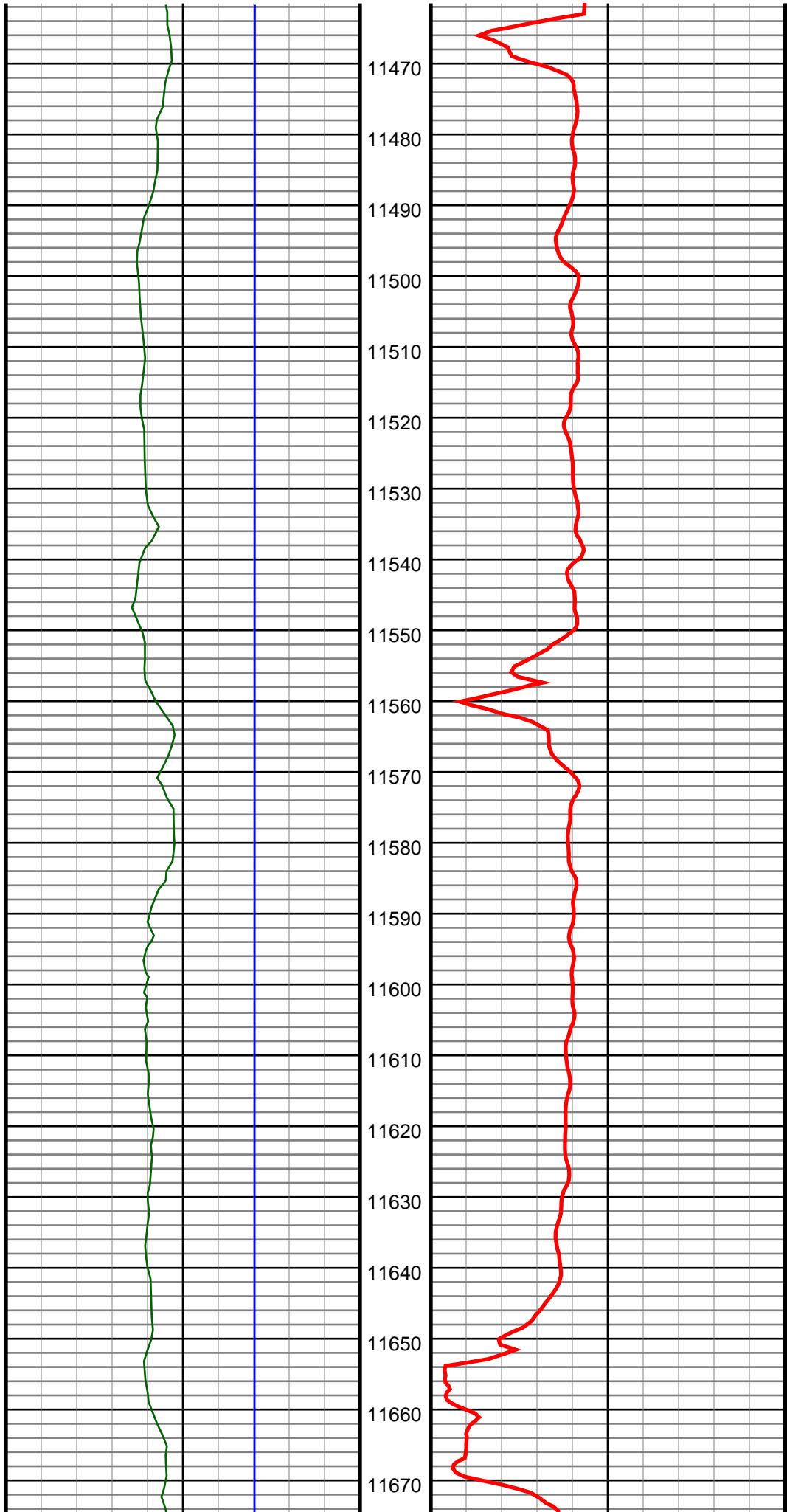
#124 MD(11126.00) Inc(91.1) Azm(269.9) TVD(6847.14)
VS(4414.07) NS(446.97) EW(-4394.73) TEMP(0.0)

#125 MD(11220.00) Inc(90.7) Azm(269.7) TVD(6845.66)
VS(4507.85) NS(446.64) EW(-4488.72) TEMP(0.0)



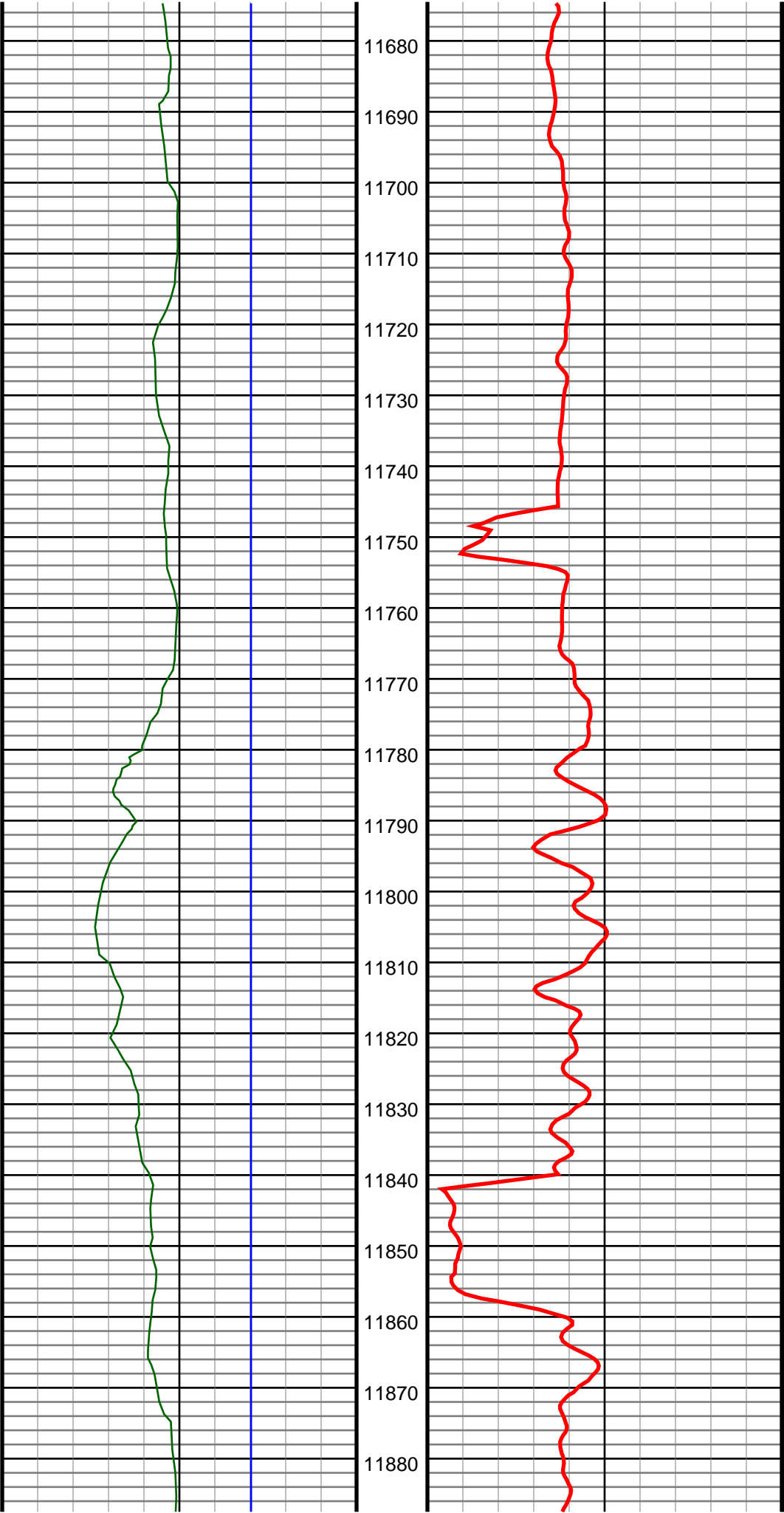
#126 MD(11315.00) Inc(90.5) Azm(269.1) TVD(6844.67)
VS(4602.59) NS(445.65) EW(-4583.71) TEMP(0.0)

#127 MD(11409.00) Inc(90.2) Azm(268.8) TVD(6844.09)
VS(4696.28) NS(443.93) EW(-4677.69) TEMP(0.0)



#128 MD(11503.00) Inc(90.6) Azm(268.6) TVD(6843.44)
VS(4789.94) NS(441.79) EW(-4771.67) TEMP(0.0)

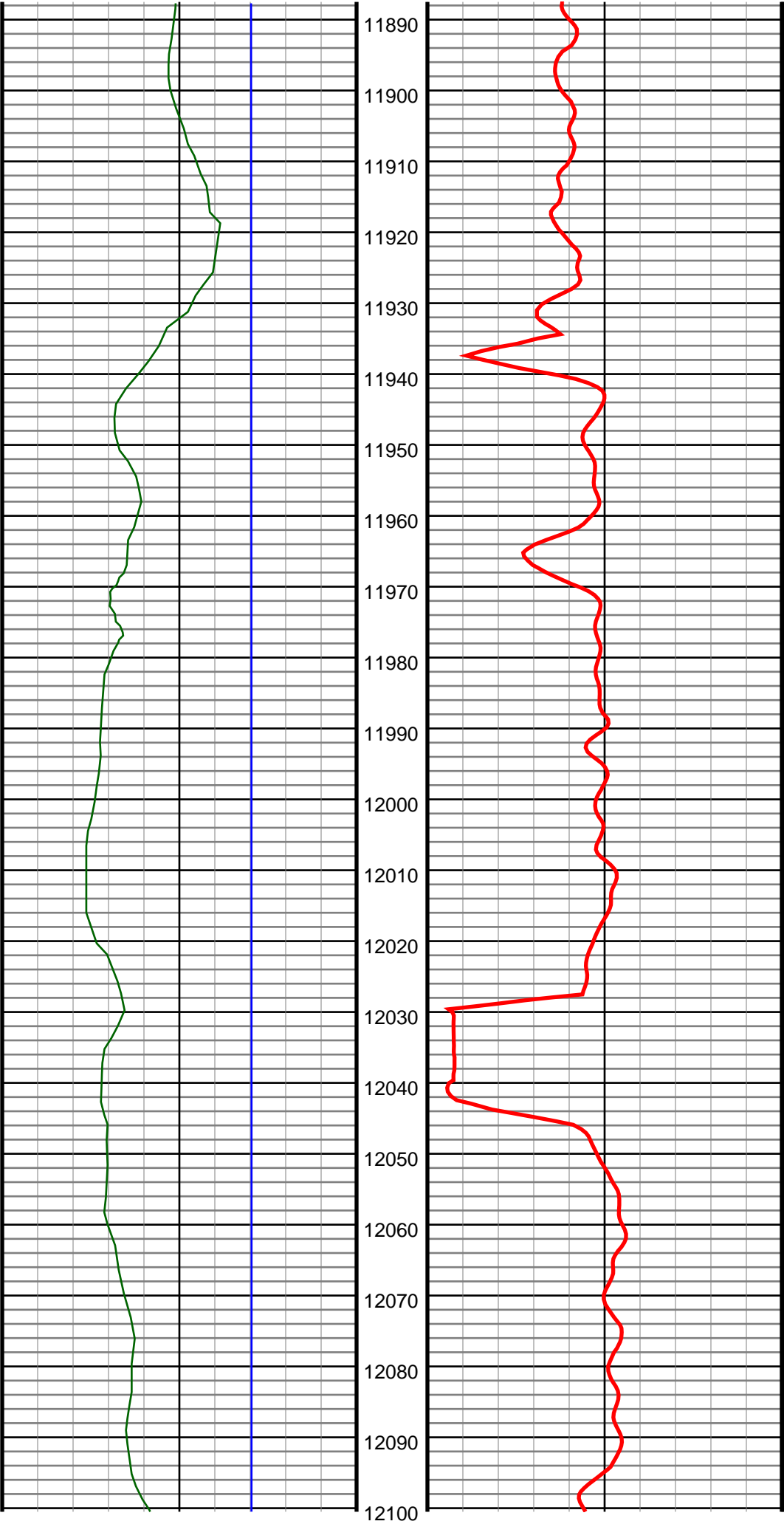
#129 MD(11597.00) Inc(90.0) Azm(267.7) TVD(6842.95)
VS(4883.52) NS(438.76) EW(-4865.61) TEMP(0.0)



#130 MD(11692.00) Inc(90.3) Azm(269.5) TVD(6842.70)
VS(4978.15) NS(436.44) EW(-4960.58) TEMP(0.0)

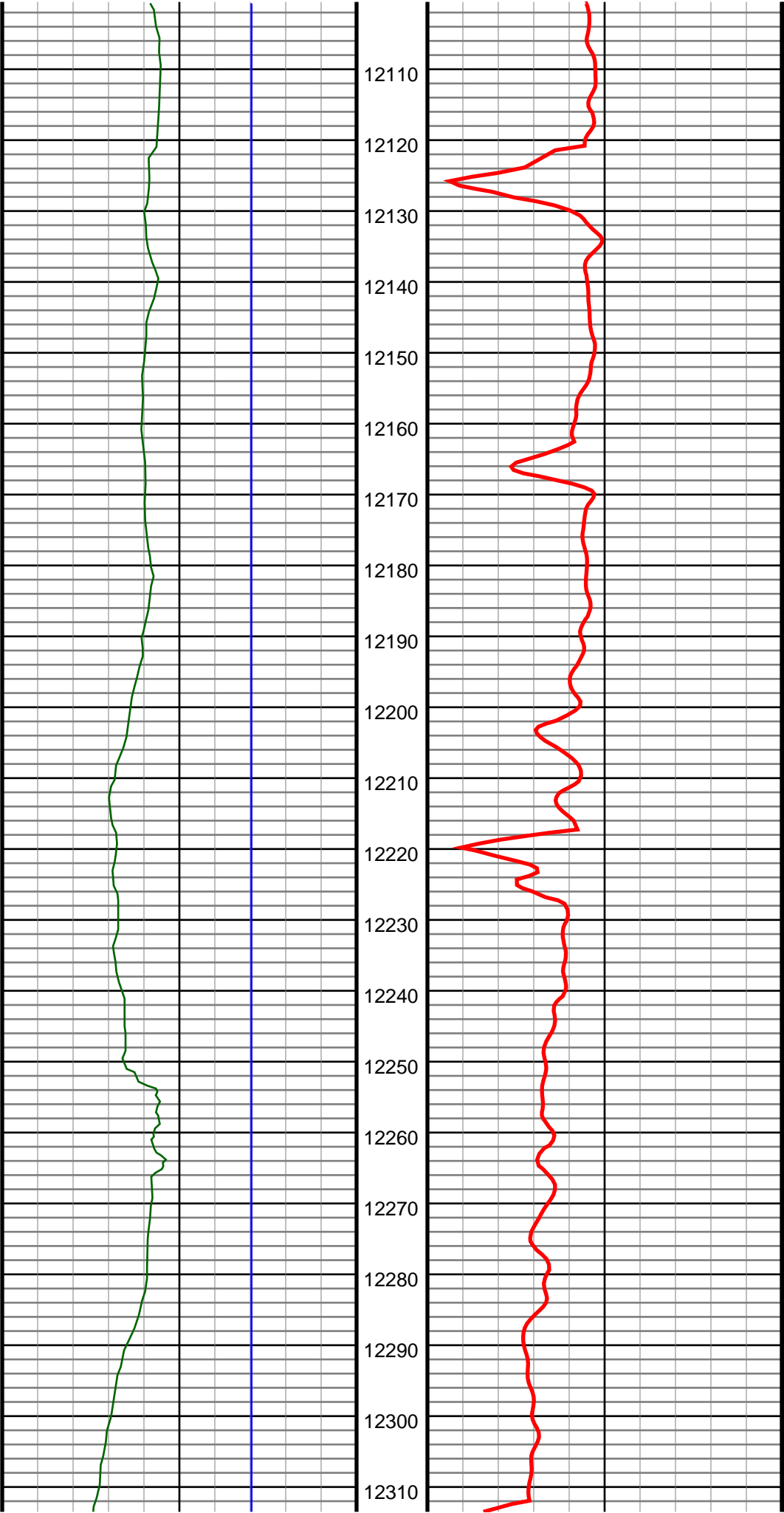
#131 MD(11786.00) Inc(90.0) Azm(269.3) TVD(6842.45)
VS(5071.90) NS(435.45) EW(-5054.58) TEMP(0.0)

#132 MD(11880.00) Inc(89.7) Azm(270.6) TVD(6842.70)
VS(5165.71) NS(435.37) EW(-5148.57) TEMP(0.0)



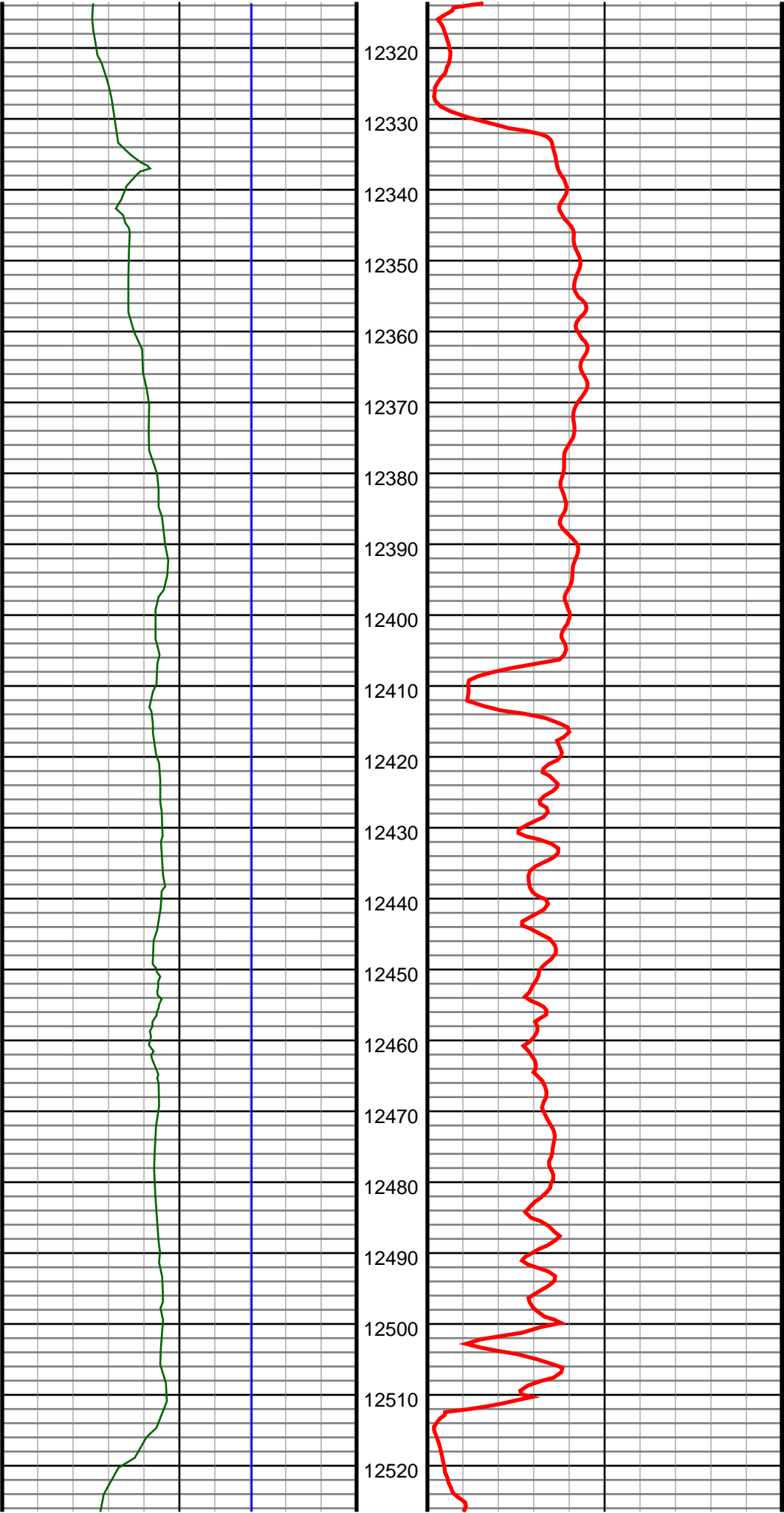
#133 MD(11974.00) Inc(88.8) Azm(269.9) TVD(6843.93)
VS(5259.54) NS(435.78) EW(-5242.56) TEMP(0.0)

#134 MD(12068.00) Inc(90.6) Azm(270.6) TVD(6844.42)
VS(5353.38) NS(436.19) EW(-5336.56) TEMP(0.0)



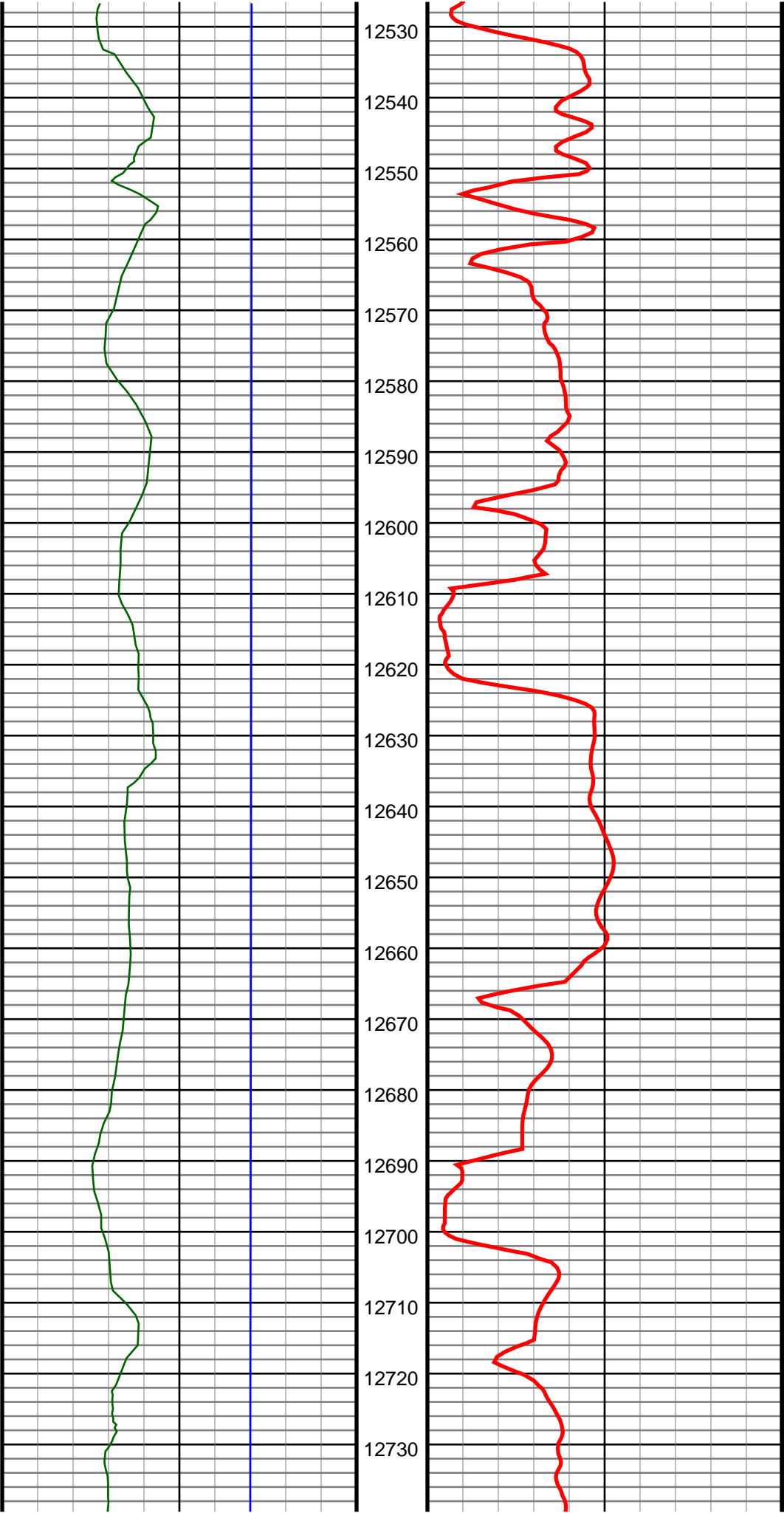
#135 MD(12163.00) Inc(90.2) Azm(269.9) TVD(6843.76)
VS(5448.22) NS(436.61) EW(-5431.55) TEMP(0.0)

#136 MD(12257.00) Inc(89.5) Azm(269.1) TVD(6844.00)
VS(5541.98) NS(435.79) EW(-5525.55) TEMP(0.0)



#137 MD(12351.00) Inc(90.1) Azm(269.1) TVD(6844.33)
VS(5635.69) NS(434.31) EW(-5619.53) TEMP(0.0)

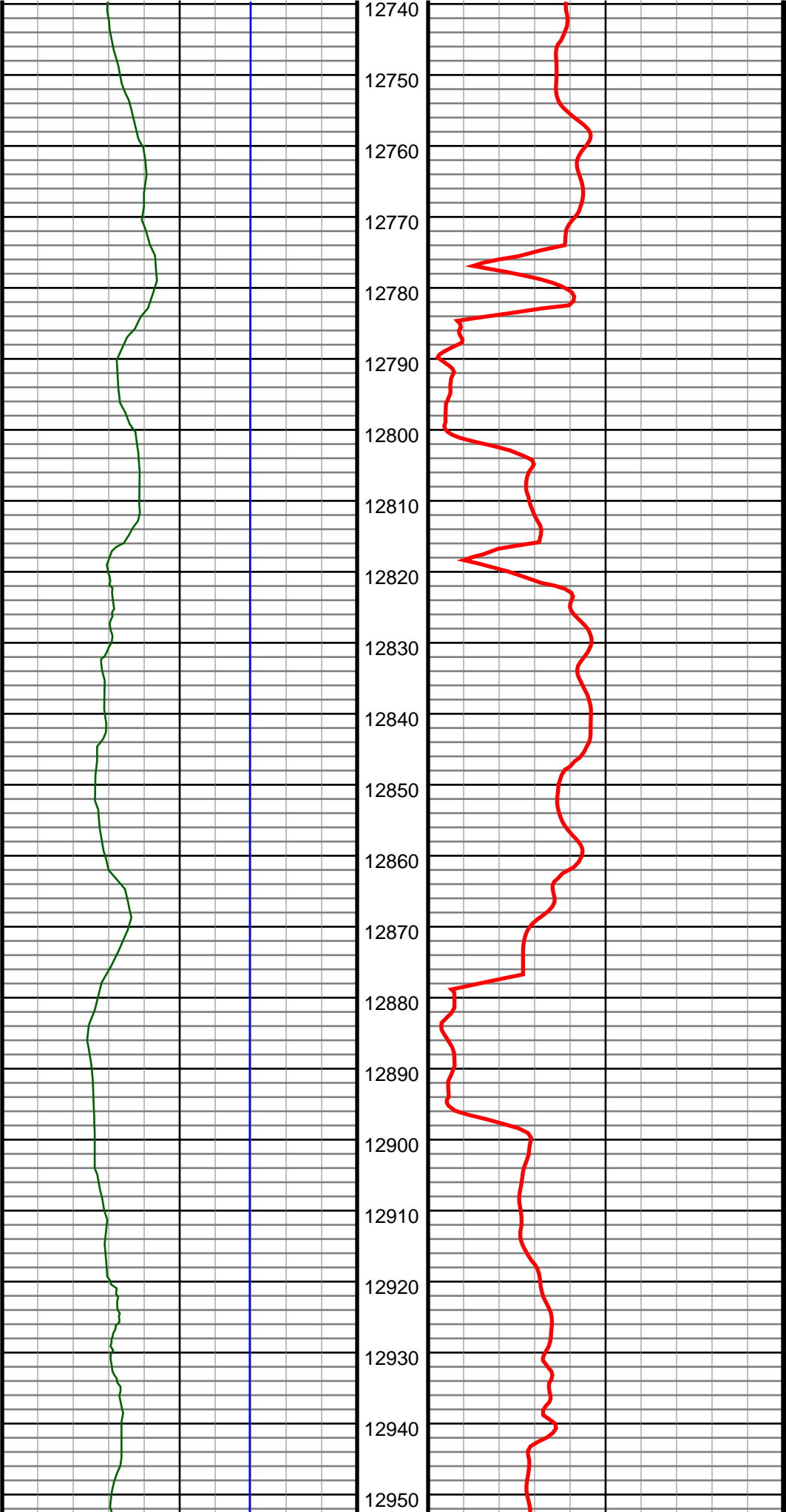
#138 MD(12446.00) Inc(89.6) Azm(267.7) TVD(6844.58)
VS(5730.30) NS(431.66) EW(-5714.49) TEMP(0.0)



#139 MD(12540.00) Inc(90.3) Azm(268.6) TVD(6844.66)
VS(5823.87) NS(428.62) EW(-5808.44) TEMP(0.0)

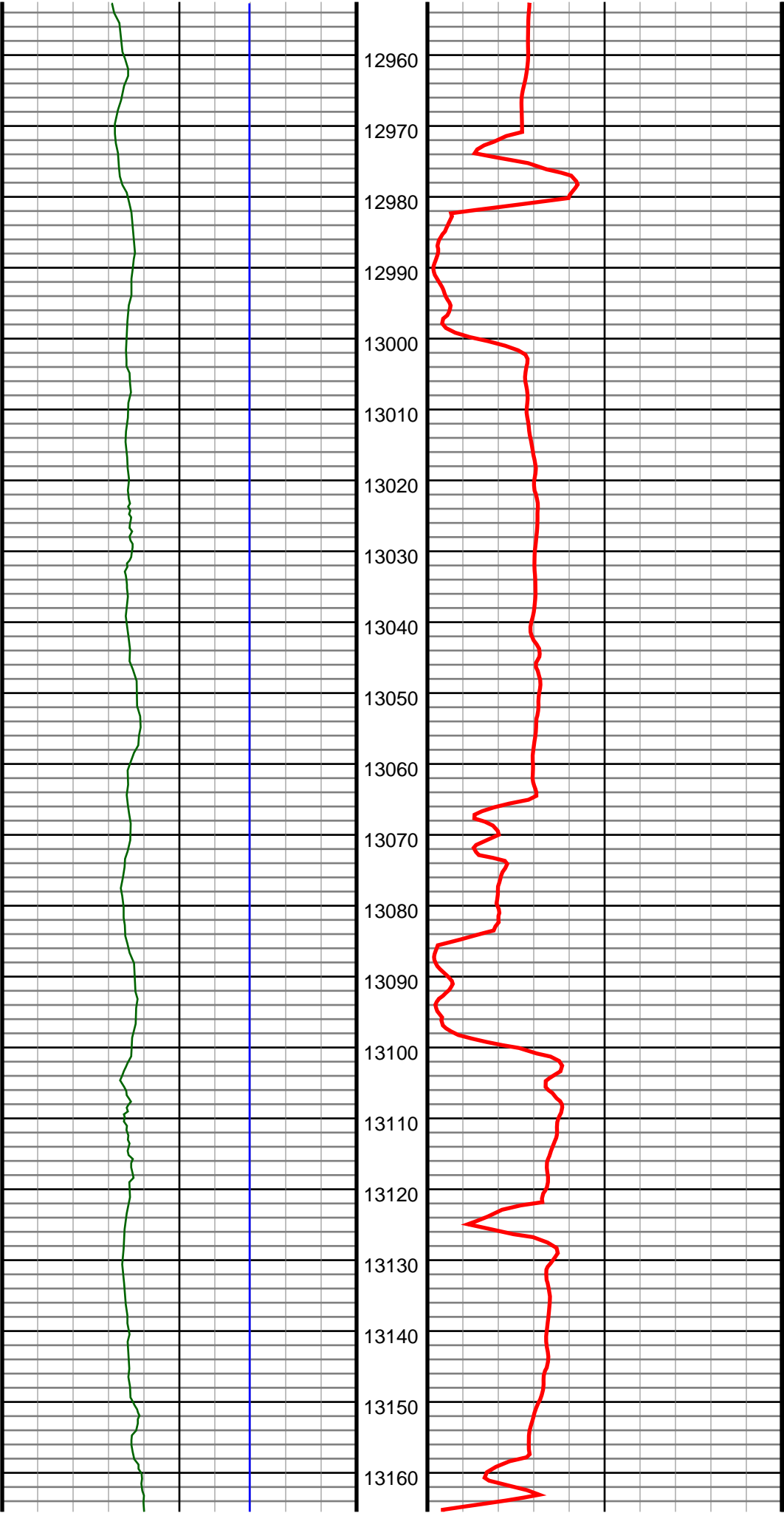
#140 MD(12634.00) Inc(91.8) Azm(270.4) TVD(6842.94)
VS(5917.61) NS(427.80) EW(-5902.42) TEMP(0.0)

#141 MD(12728.00) Inc(91.5) Azm(269.7) TVD(6840.23)
VS(6011.39) NS(427.88) EW(-5996.38) TEMP(0.0)



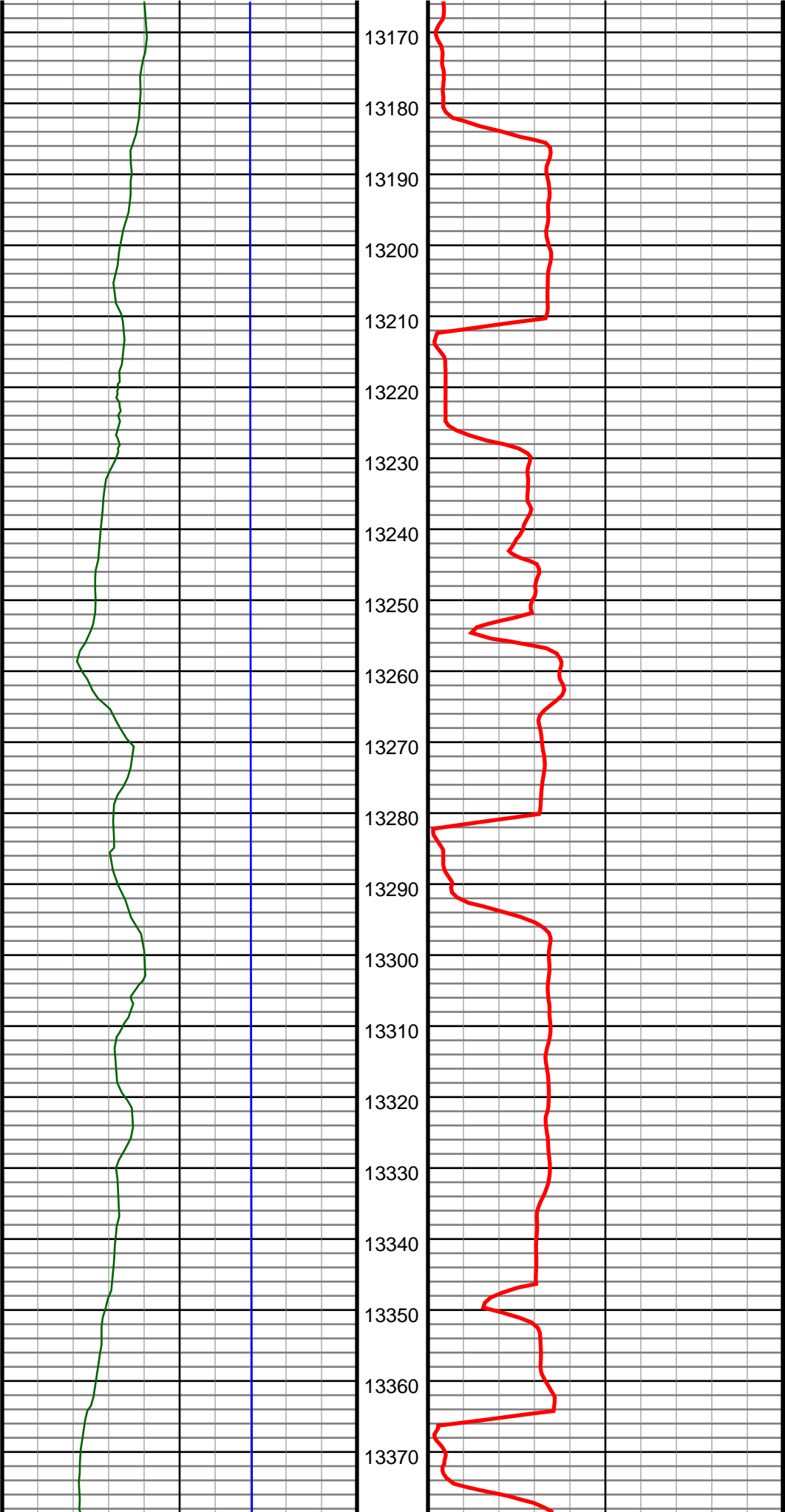
#142 MD(12822.00) Inc(91.2) Azm(270.9) TVD(6838.02)
VS(6105.21) NS(428.38) EW(-6090.35) TEMP(0.0)

#143 MD(12916.00) Inc(90.1) Azm(270.6) TVD(6836.95)
VS(6199.09) NS(429.61) EW(-6184.33) TEMP(0.0)



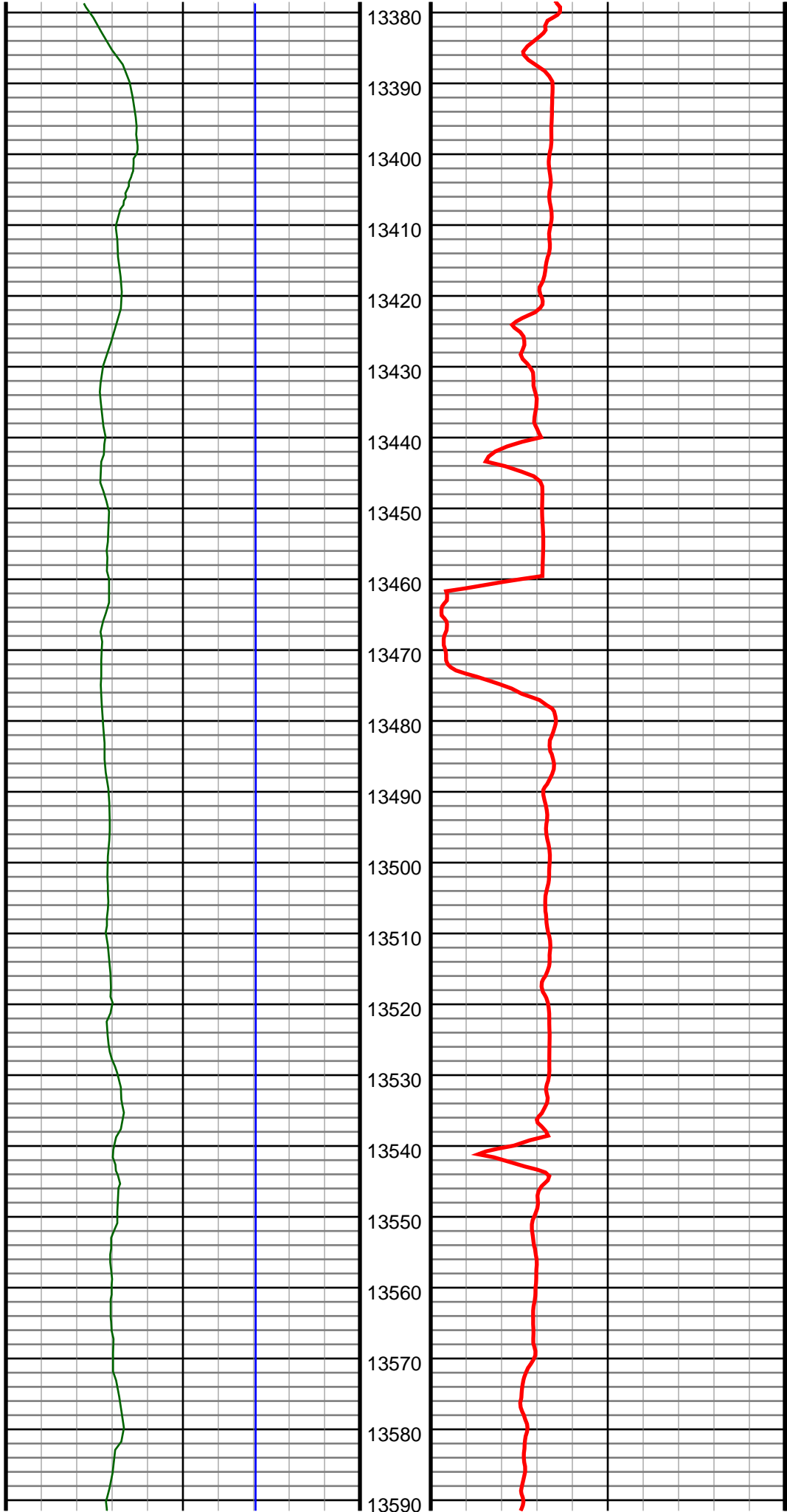
#144 MD(13011.00) Inc(89.5) Azm(270.2) TVD(6837.28)
VS(6293.94) NS(430.27) EW(-6279.33) TEMP(0.0)

#145 MD(13106.00) Inc(90.0) Azm(269.5) TVD(6837.70)
VS(6388.74) NS(430.02) EW(-6374.33) TEMP(0.0)



#146 MD(13200.00) Inc(89.2) Azm(269.3) TVD(6838.35)
VS(6482.49) NS(429.04) EW(-6468.32) TEMP(0.0)

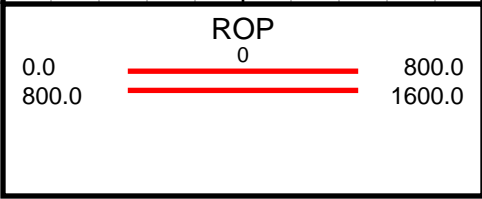
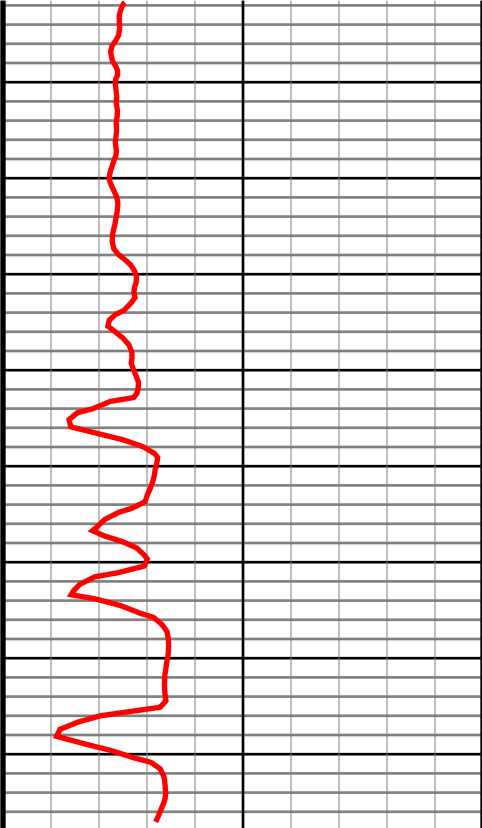
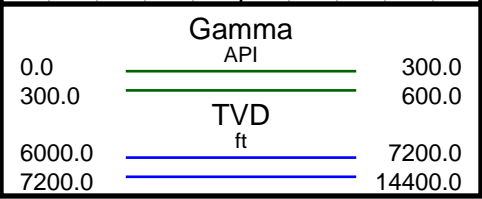
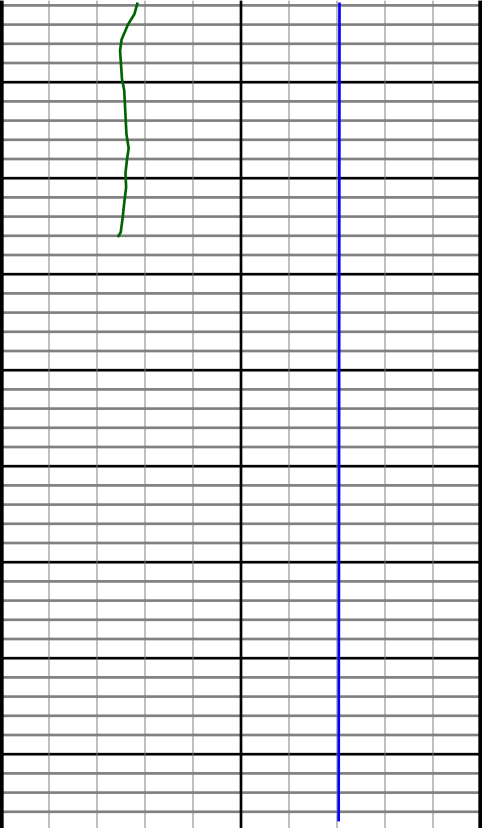
#147 MD(13295.00) Inc(87.5) Azm(271.1) TVD(6841.09)
VS(6577.28) NS(429.37) EW(-6563.27) TEMP(0.0)



#148 MD(13389.00) Inc(87.8) Azm(271.1) TVD(6844.94)
VS(6671.11) NS(431.17) EW(-6657.18) TEMP(0.0)

#149 MD(13484.00) Inc(89.7) Azm(270.6) TVD(6847.02)
VS(6765.97) NS(432.58) EW(-6752.14) TEMP(0.0)

#150 MD(13578.00) Inc(90.9) Azm(271.4) TVD(6846.52)
VS(6859.87) NS(434.22) EW(-6846.12) TEMP(0.0)



#151 MD(13622.00) Inc(91.5) Azm(271.3) TVD(6845.60)
VS(6903.83) NS(435.26) EW(-6890.10) TEMP(0.0)