Blue Teal FED 15-3-5HN

MD
2":100'

Company: Mallard Exploration
Well Name: Blue Teal FED 15-3-5HN
API: 05-123-48423
County/Parish: Weld
State: Colorado
Country: USA
Job number: 00387MA-CO
Field: DJ Basin
Rig Id: Cyclone 37
Survey Company: Atlas Drilling and Services
Day MWD Josh Mahoney
Night MWD Stephen Lebel/Matt Johnson

Log measurements: GAMMA/ROP
Depth measured from: RKB
Maximum temperature: 265

	Depth	Date
Start:	1842 ft	01/07/2021
End:	18619 ft	01/10/2021

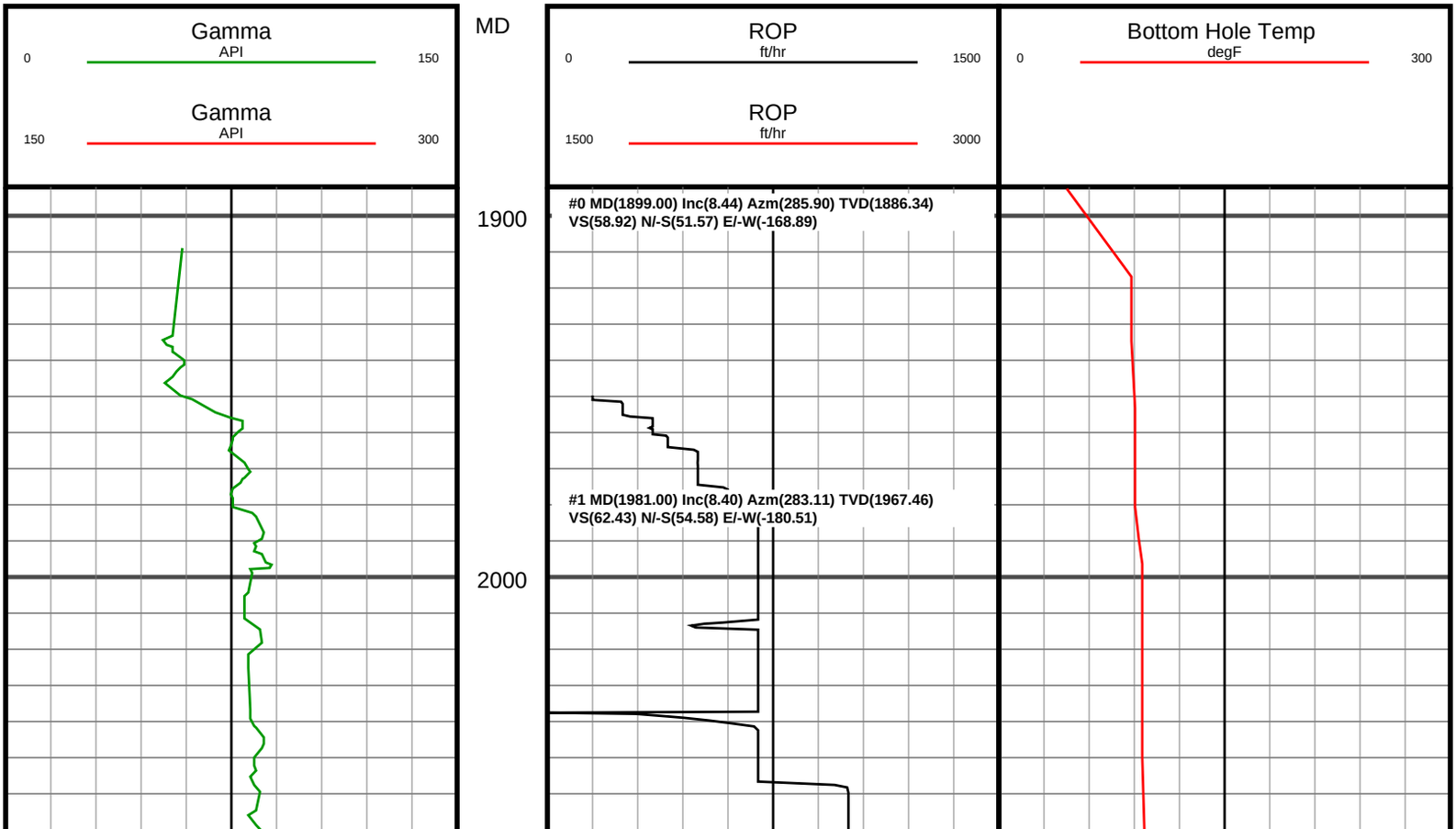
Casing	Depth	Casing Size	Hole Size
Surface:	1903 ft	9.625"	12"
Intermediate:			"

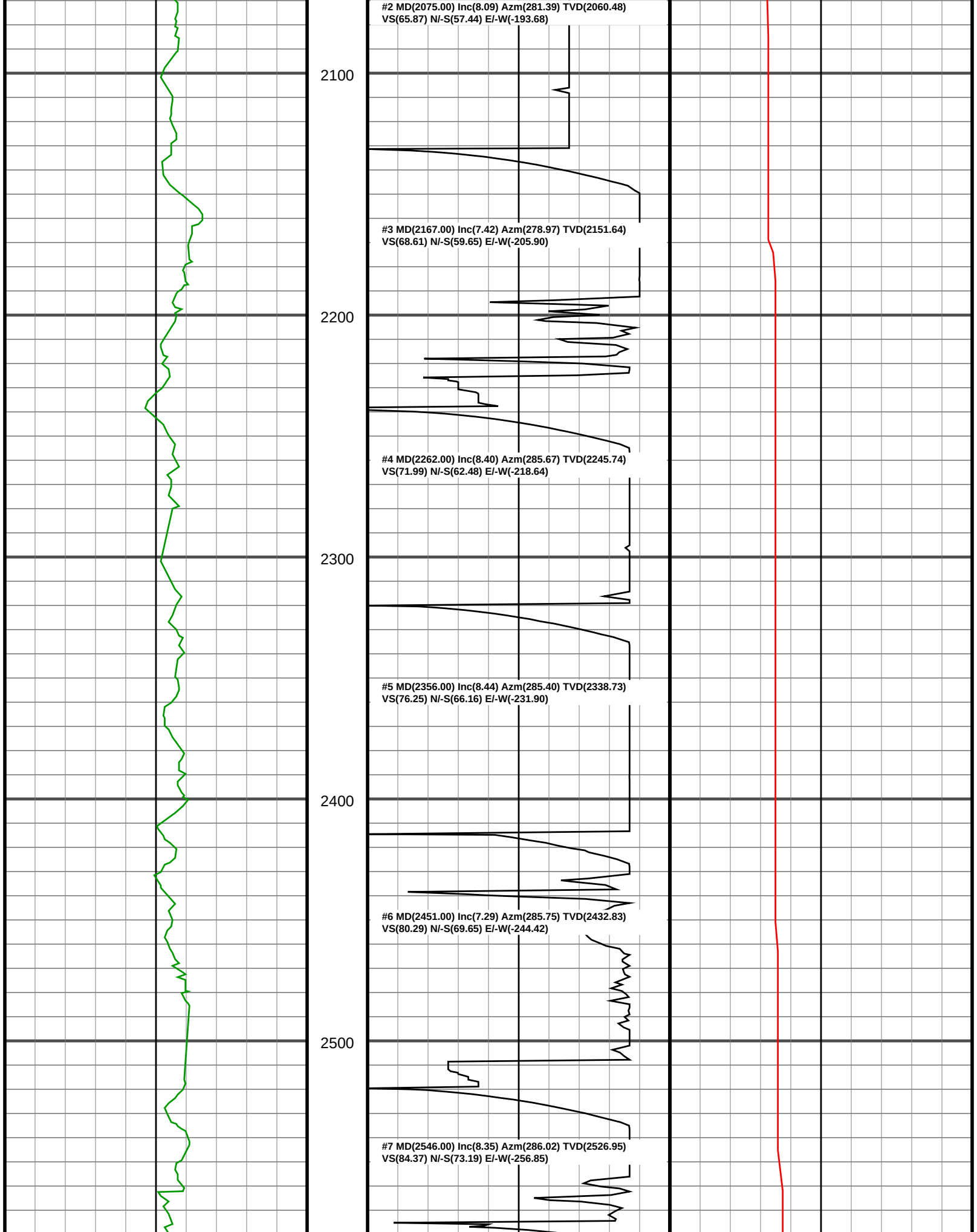
Mud Type: OBM
Density: 9.8
Viscosity: 48
Rm: N/A **Rmf:** N/A **Rmc:** N/A

Elevations	
KB:	27
DF:	4919
GL:	4892

Run	Tool S/N	Gamma Cal	Bit Size	Offsets Survey	Offsets Gamma	Offsets Resis	Mud Data Type	Mud Data Weight	Depths Start	Depths End	Dates Start	Dates End
1	XGM0788	6.45	8.5"	57.00 ft	40.07 ft	N/A ft	OBM	9.8	1842 ft	18619 ft	01/07/2021 05:00	01/10/2021 05:50
2												
3												
4												
5												
6												
7												
8												
9												
10												

Atlas Drilling and 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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VS(68.61) N/-S(59.65) E/-W(-205.90)
2200
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VS(71.99) N/-S(62.48) E/-W(-218.64)
2300
#5 MD(2356.00) Inc(8.44) Azm(285.40) TVD(2338.73)
VS(76.25) N/-S(66.16) E/-W(-231.90)
2400
#6 MD(2451.00) Inc(7.29) Azm(285.75) TVD(2432.83)
VS(80.29) N/-S(69.65) E/-W(-244.42)
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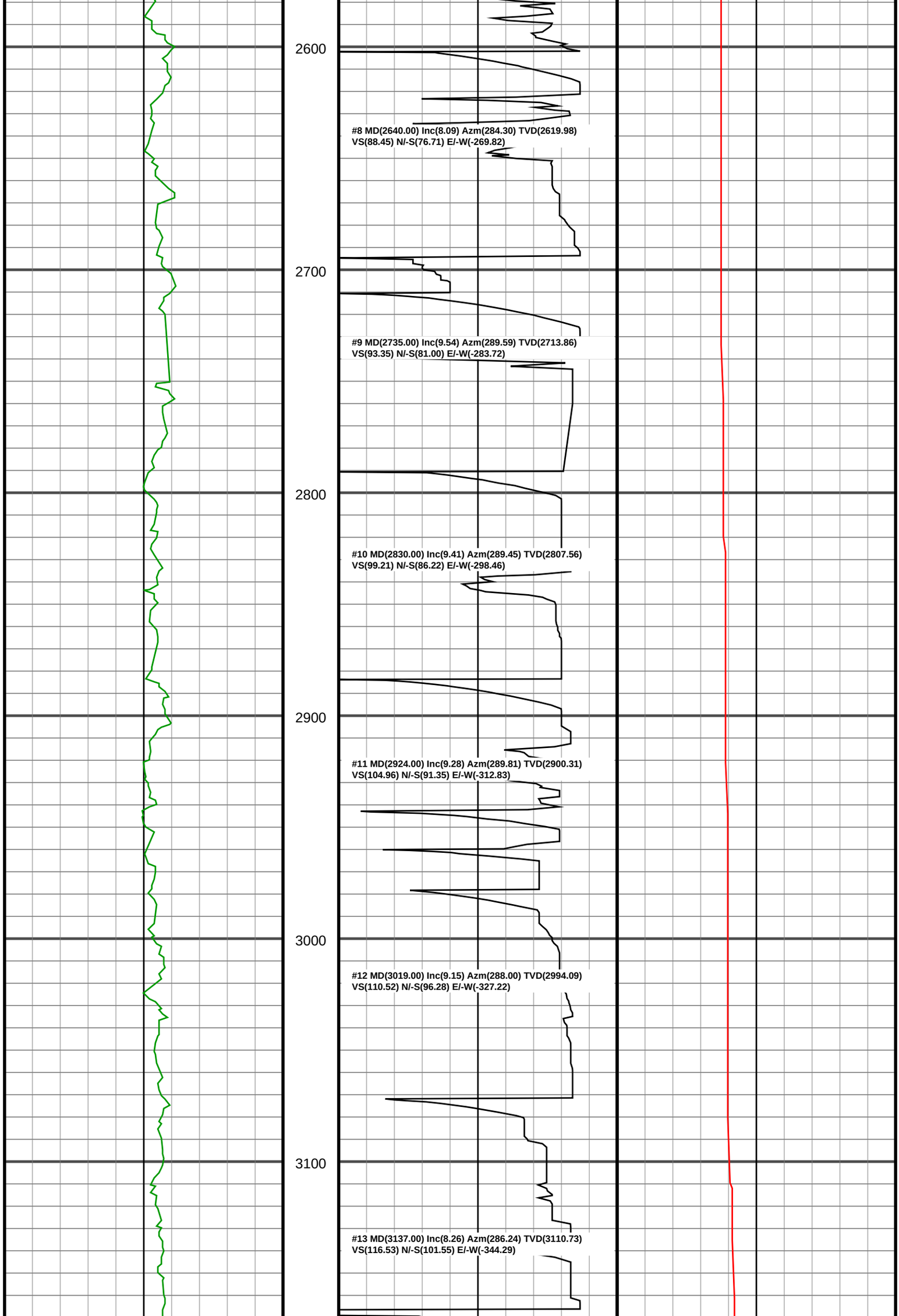
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VS(93.35) N/-S(81.00) E/-W(-283.72)
2800
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2900
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VS(104.96) N/-S(91.35) E/-W(-312.83)
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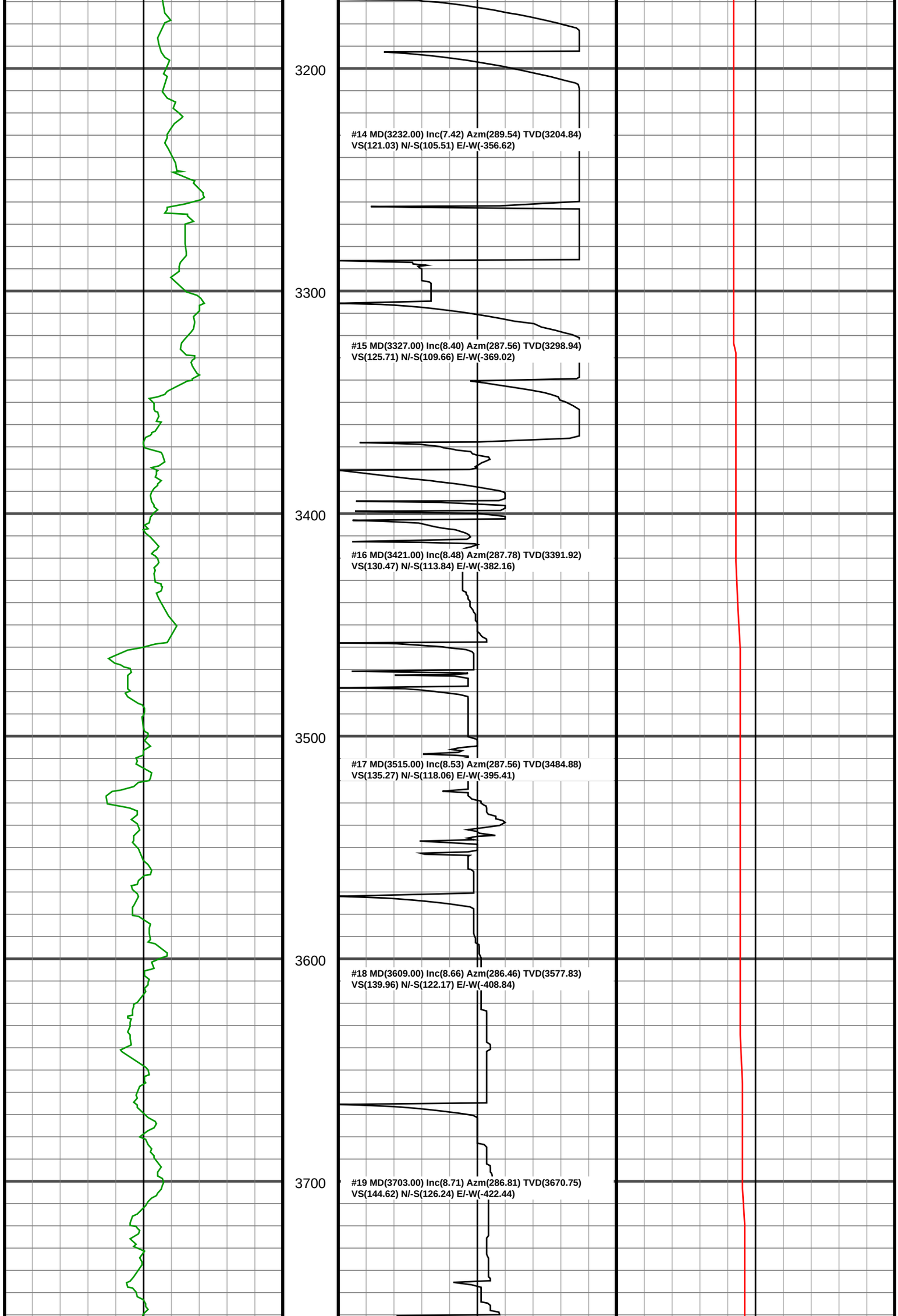
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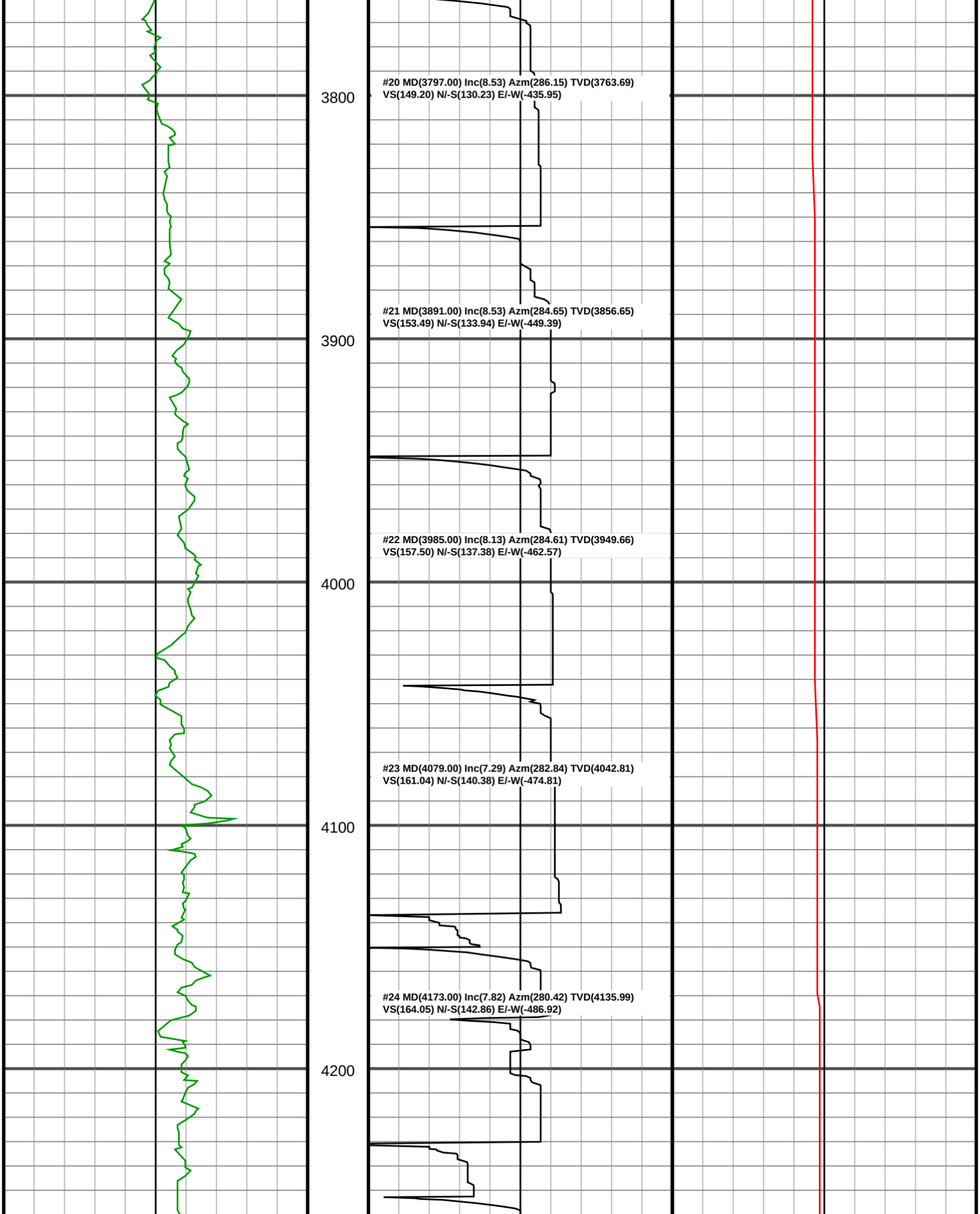
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VS(153.49) N/-S(133.94) E/-W(-449.39)
#22 MD(3985.00) Inc(8.13) Azm(284.61) TVD(3949.66)
VS(157.50) N/-S(137.38) E/-W(-462.57)
#23 MD(4079.00) Inc(7.29) Azm(282.84) TVD(4042.81)
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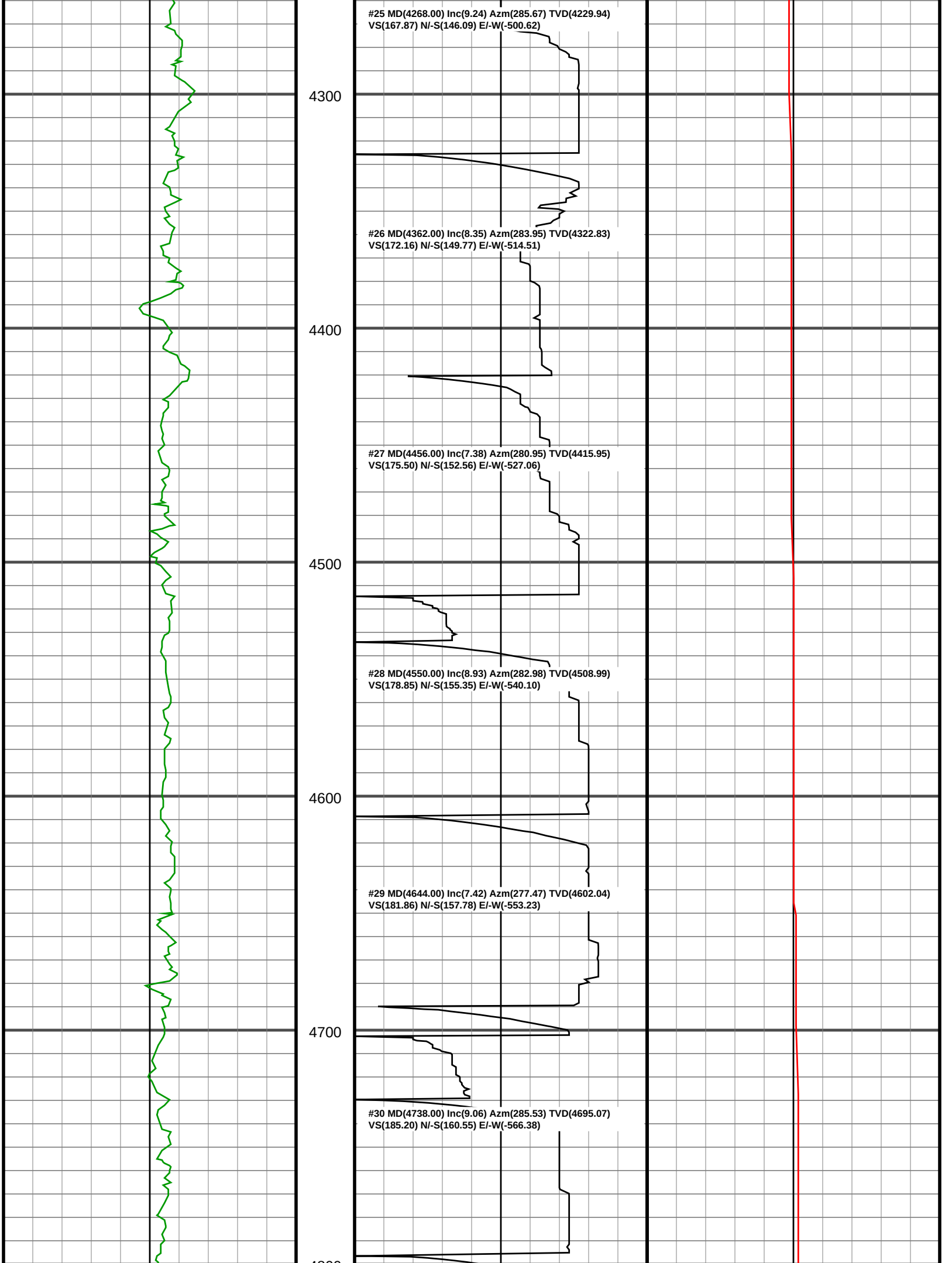
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VS(175.50) N/-S(152.56) E/-W(-527.06)
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4600
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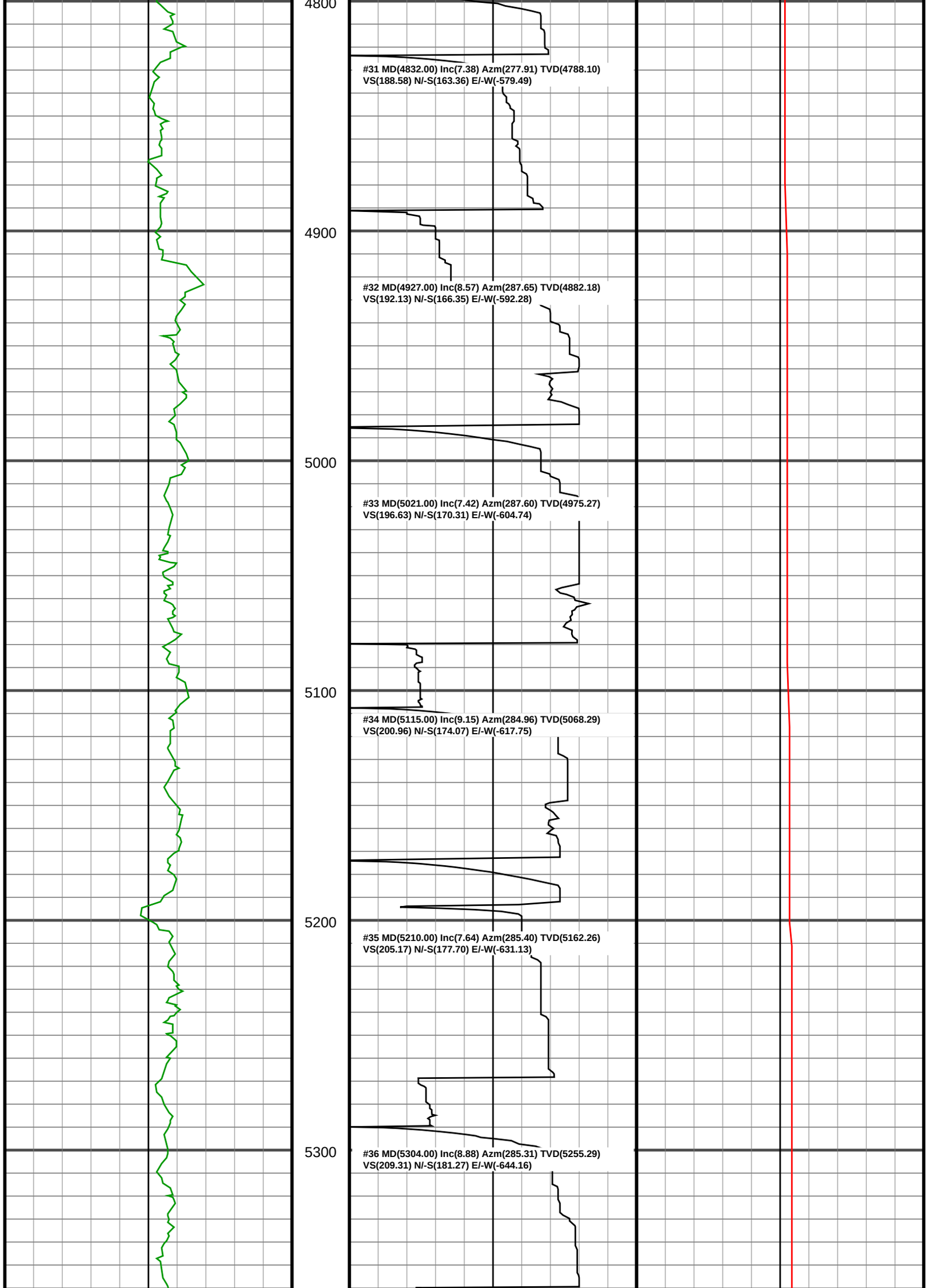
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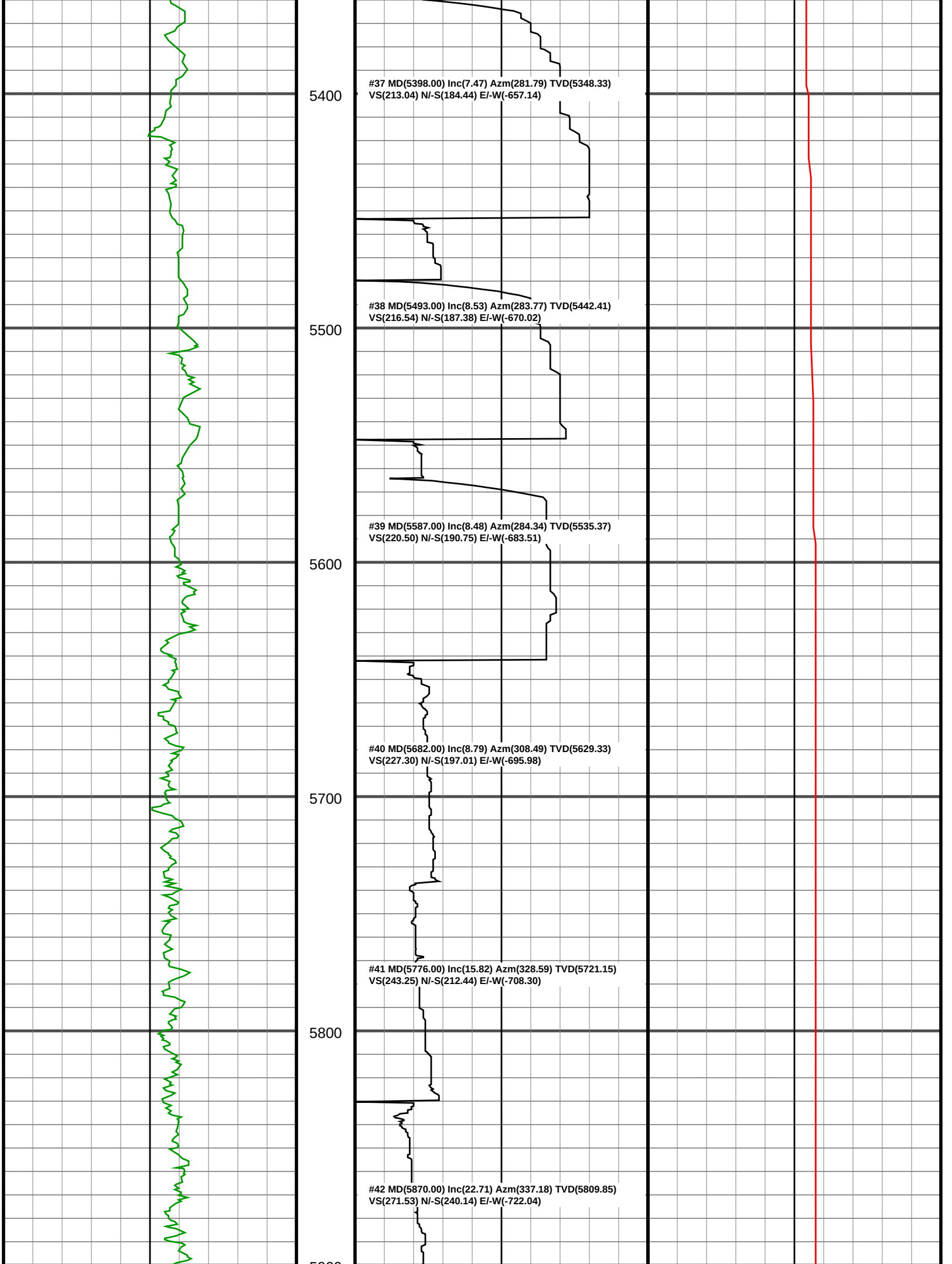
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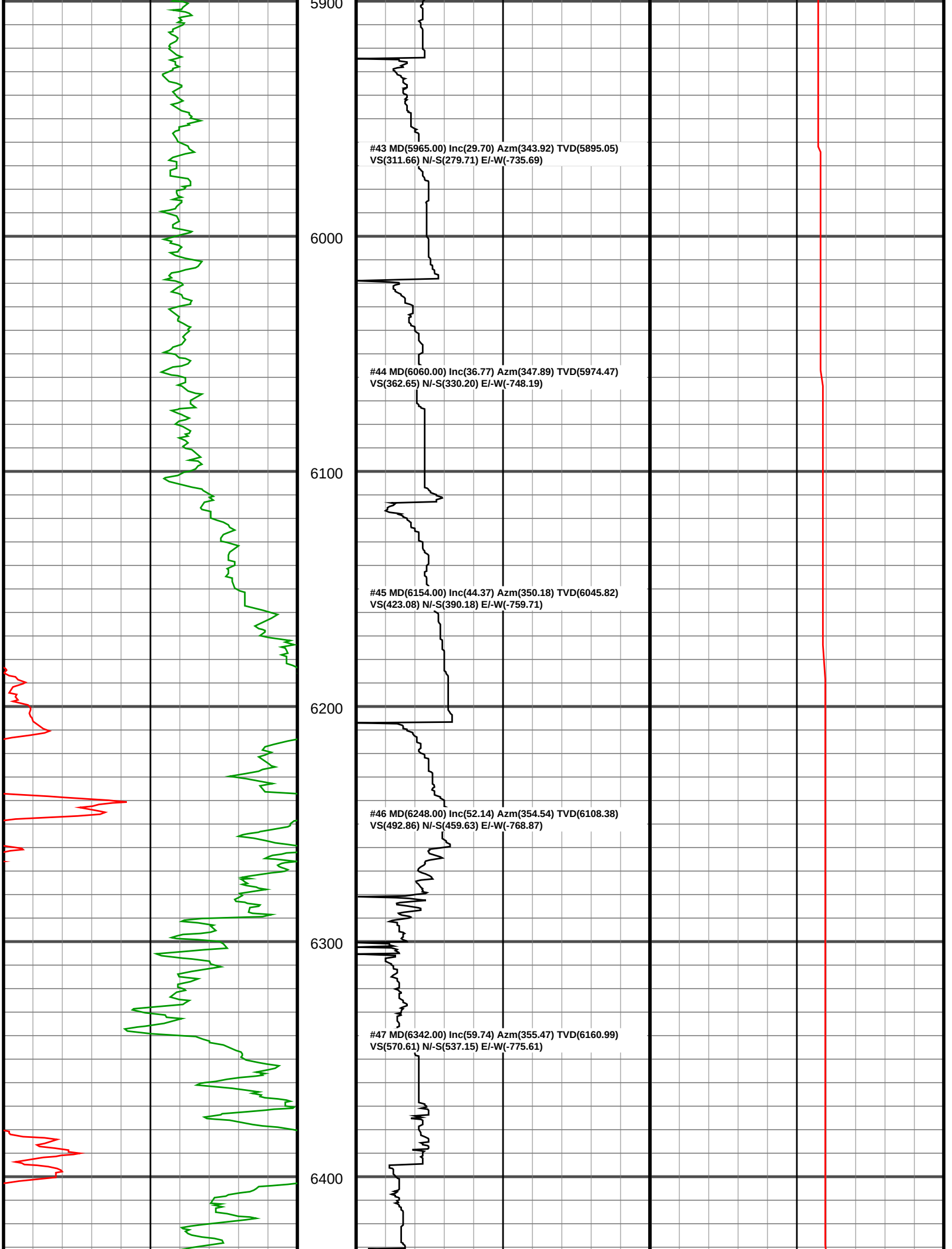
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VS(423.08) N/-S(390.18) E/-W(-759.71)
#46 MD(6248.00) Inc(52.14) Azm(354.54) TVD(6108.38)
VS(492.86) N/-S(459.63) E/-W(-768.87)
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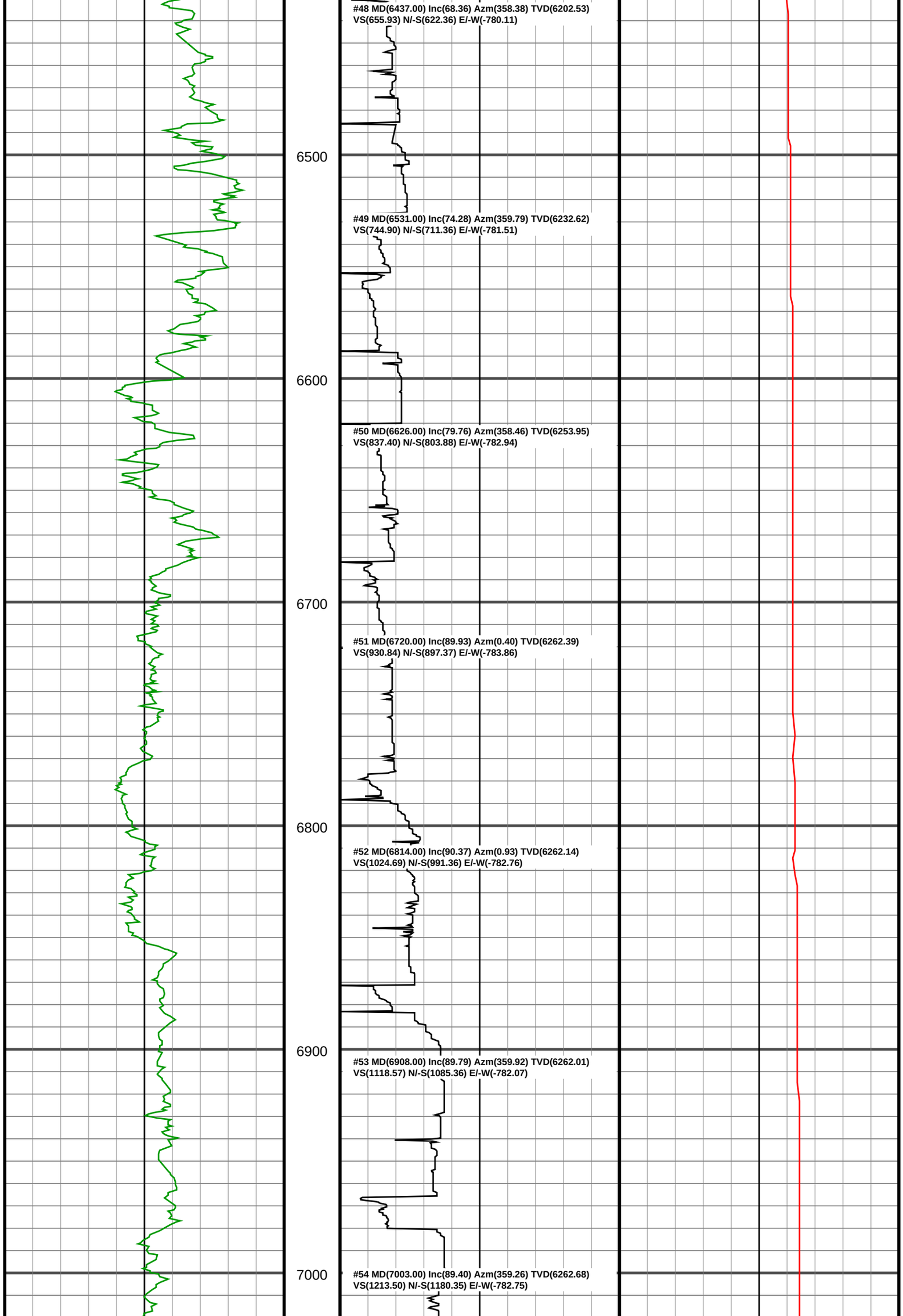
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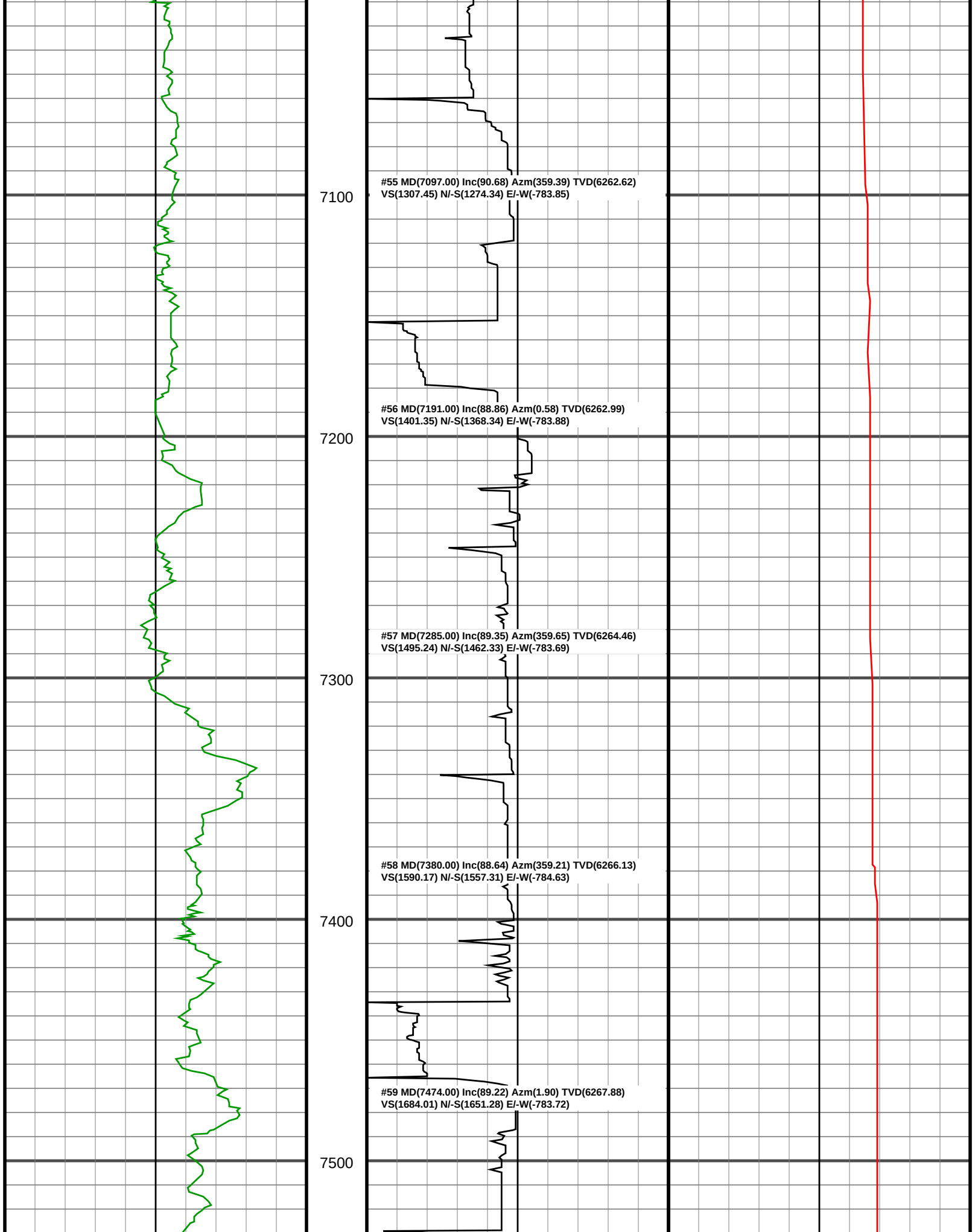
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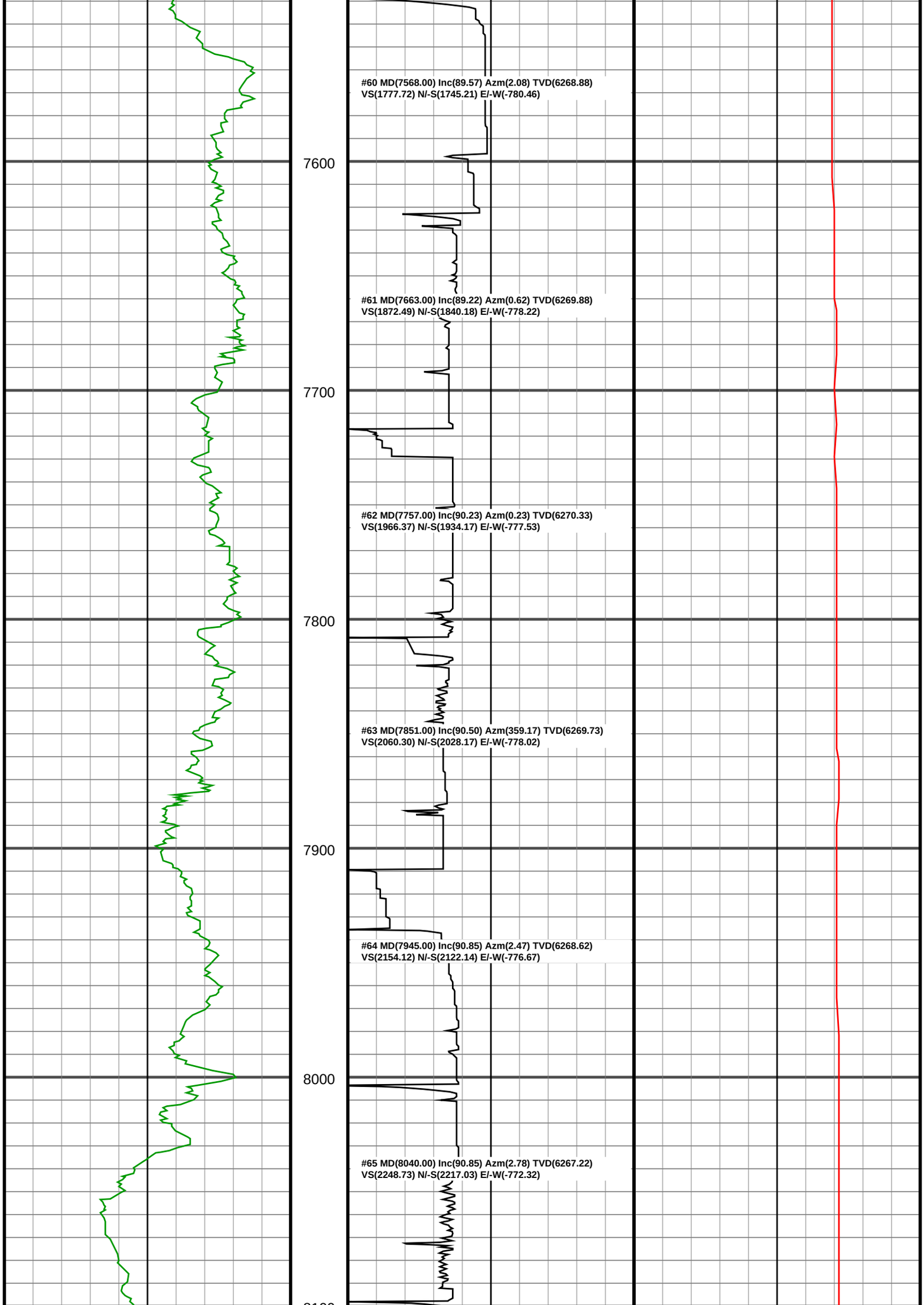
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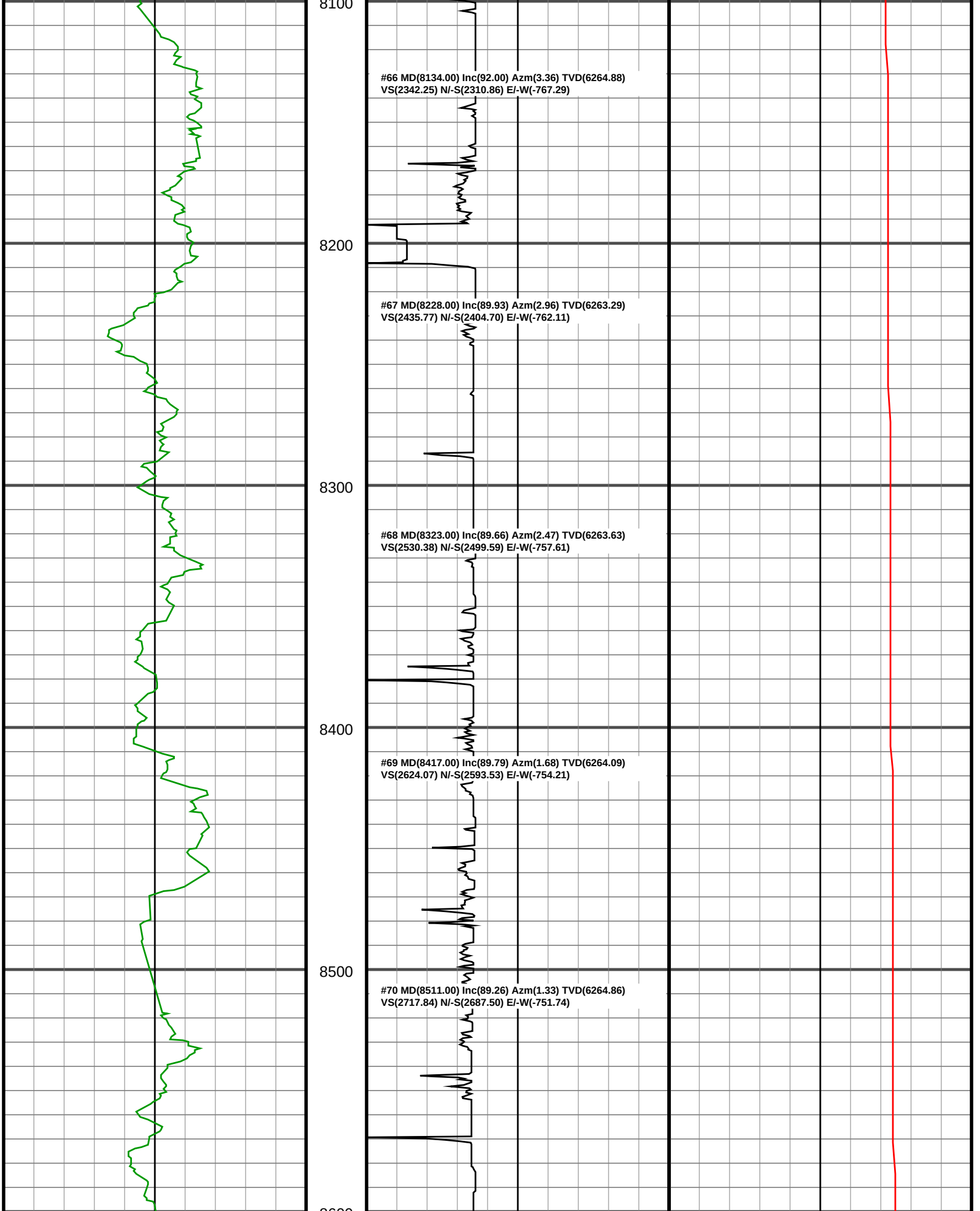
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VS(2530.38) N/-S(2499.59) E/-W(-757.61)
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#69 MD(8417.00) Inc(89.79) Azm(1.68) TVD(6264.09)
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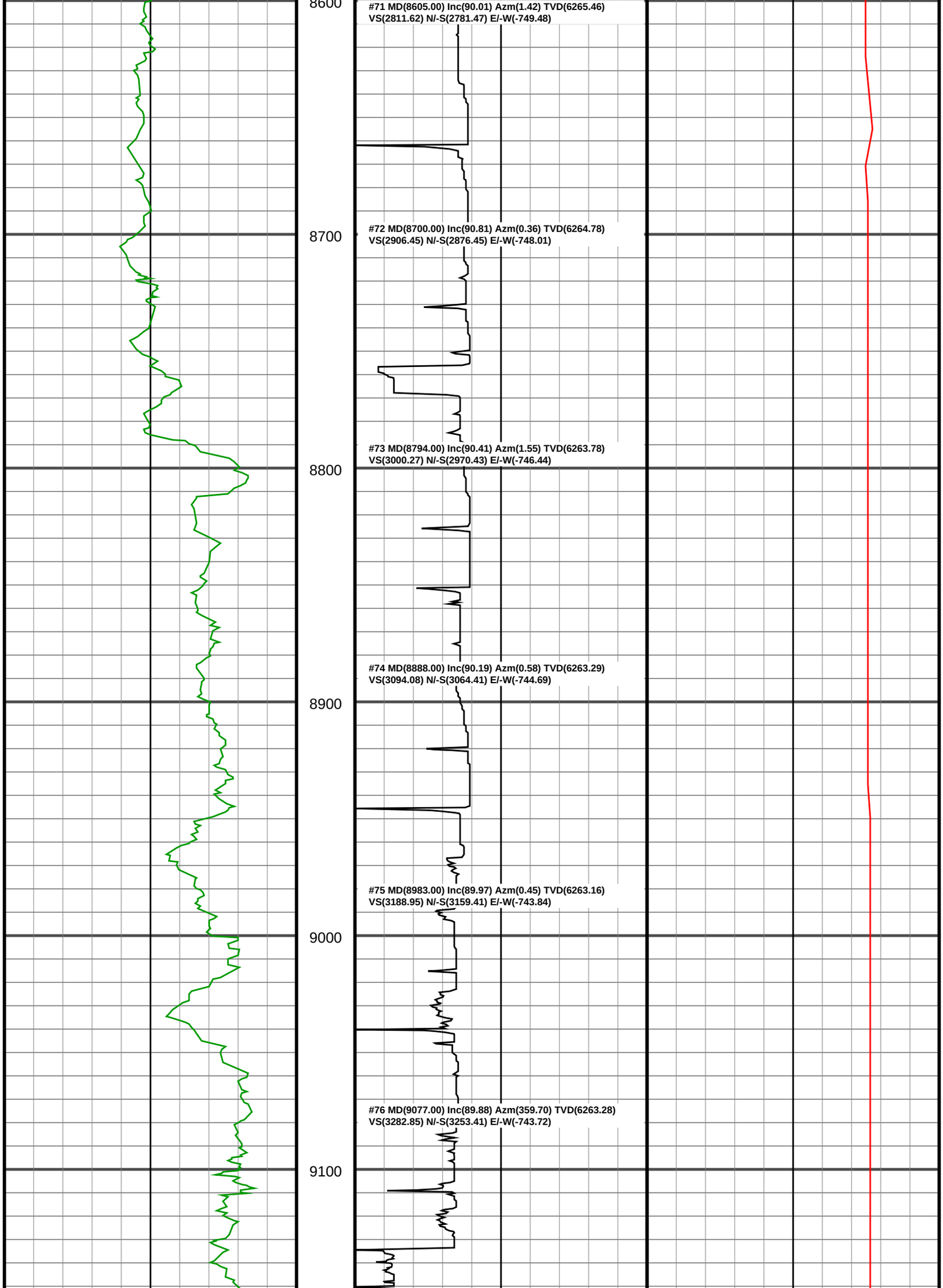
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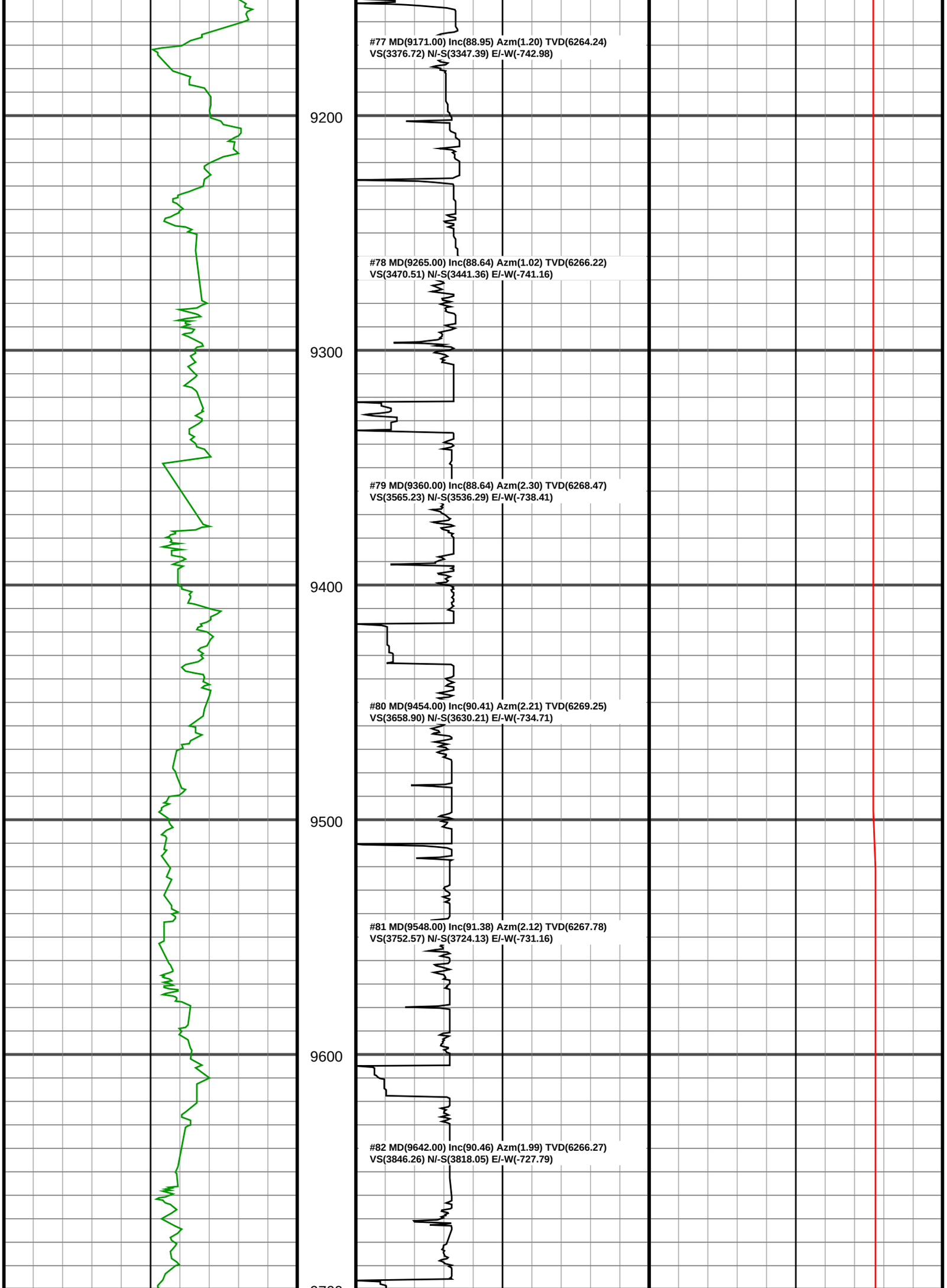
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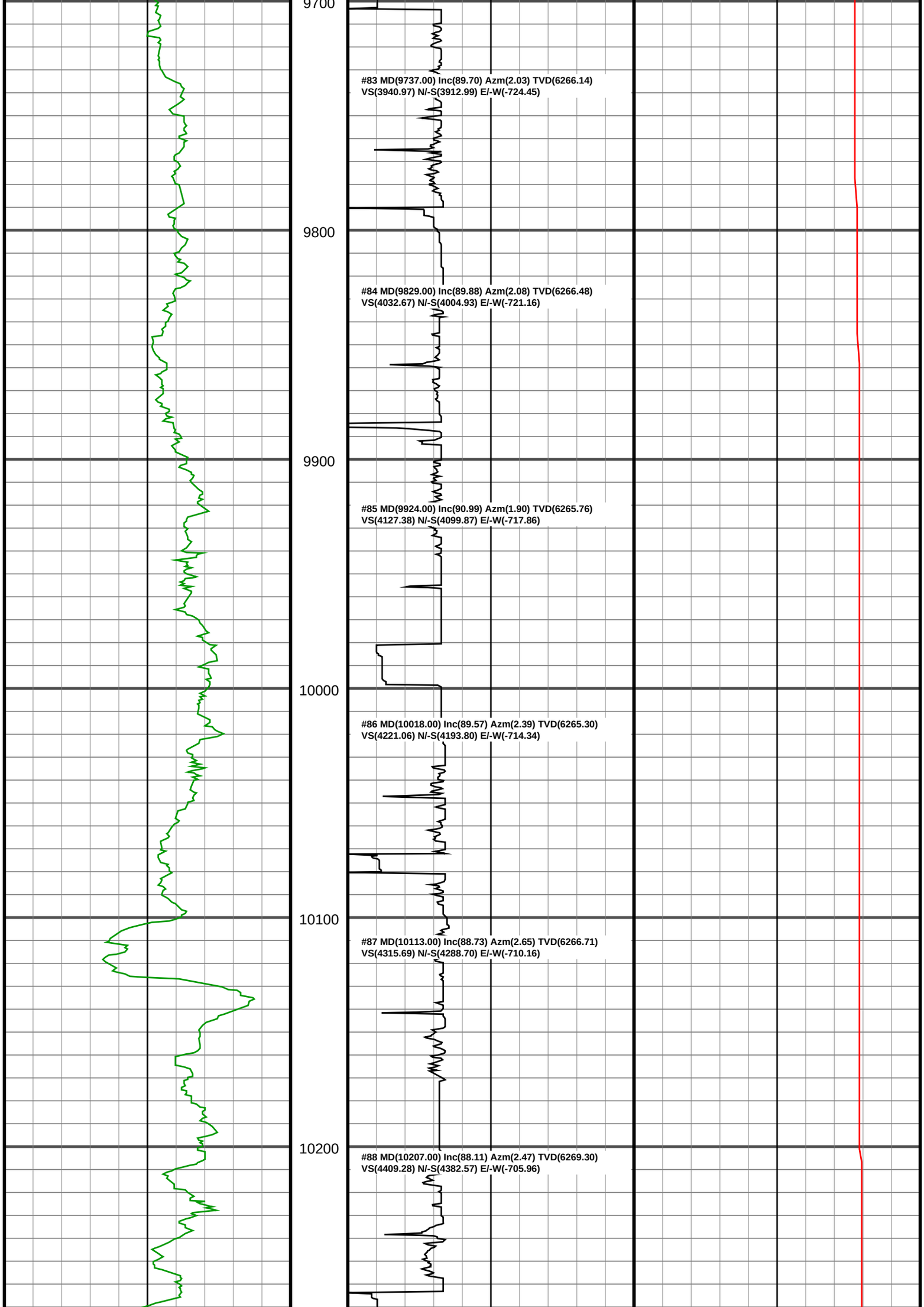
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VS(4032.67) N/-S(4004.93) E/-W(-721.16)
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#85 MD(9924.00) Inc(90.99) Azm(1.90) TVD(6265.76)
VS(4127.38) N/-S(4099.87) E/-W(-717.86)
10000
#86 MD(10018.00) Inc(89.57) Azm(2.39) TVD(6265.30)
VS(4221.06) N/-S(4193.80) E/-W(-714.34)
10100
#87 MD(10113.00) Inc(88.73) Azm(2.65) TVD(6266.71)
VS(4315.69) N/-S(4288.70) E/-W(-710.16)
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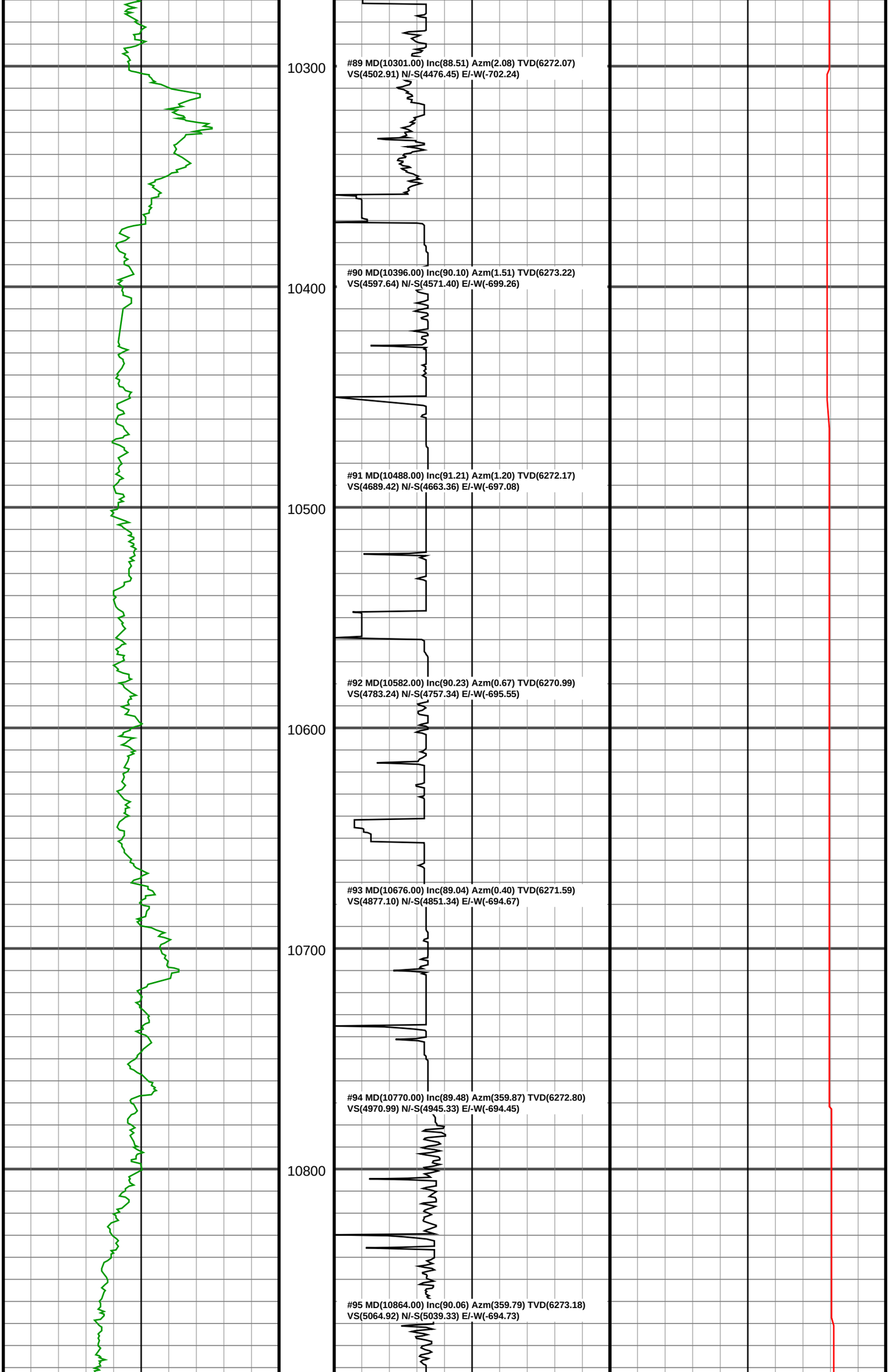
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VS(4689.42) N/-S(4663.36) E/-W(-697.08)
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VS(4783.24) N/-S(4757.34) E/-W(-695.55)
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#93 MD(10676.00) Inc(89.04) Azm(0.40) TVD(6271.59)
VS(4877.10) N/-S(4851.34) E/-W(-694.67)
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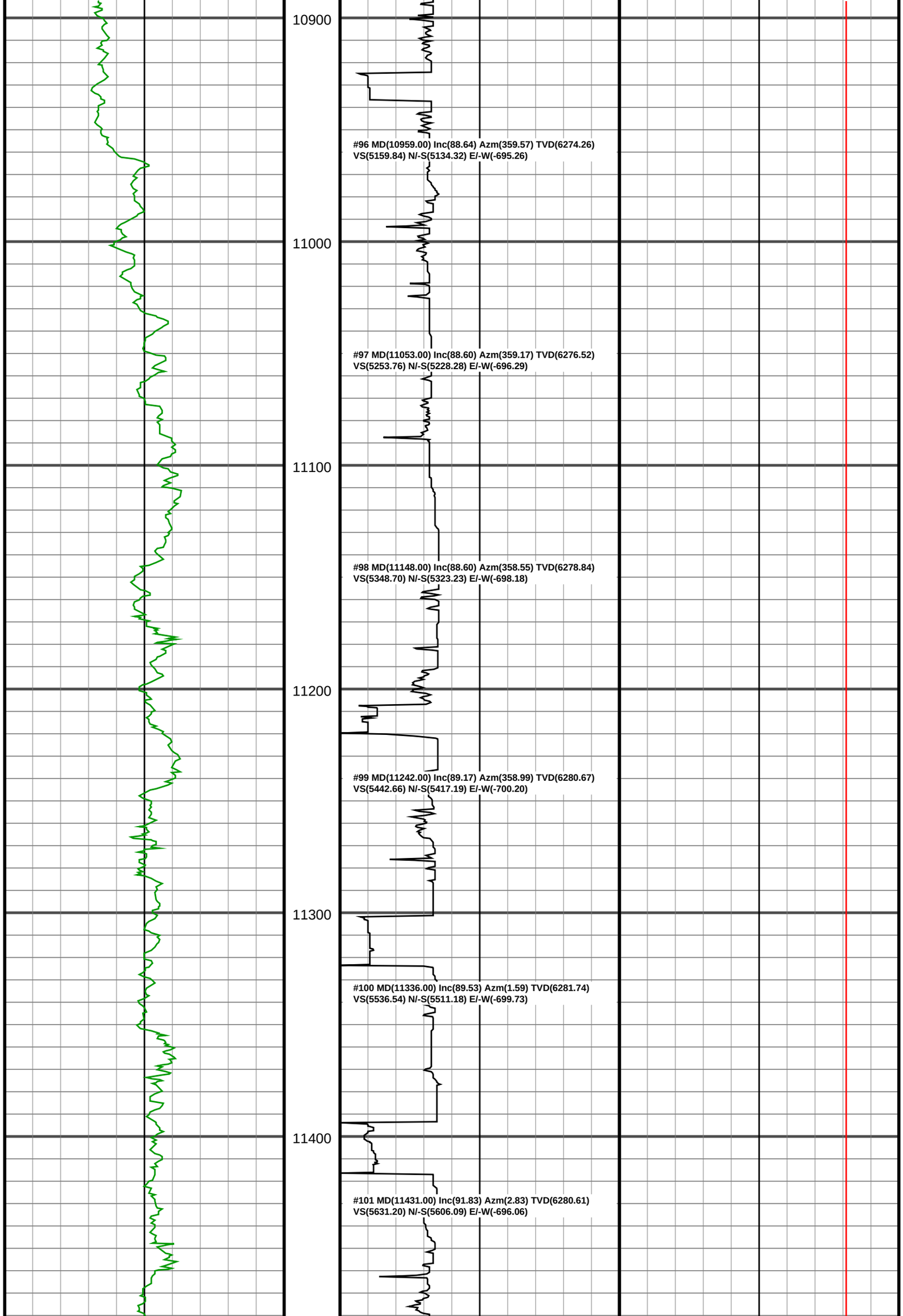
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#99 MD(11242.00) Inc(89.17) Azm(358.99) TVD(6280.67)
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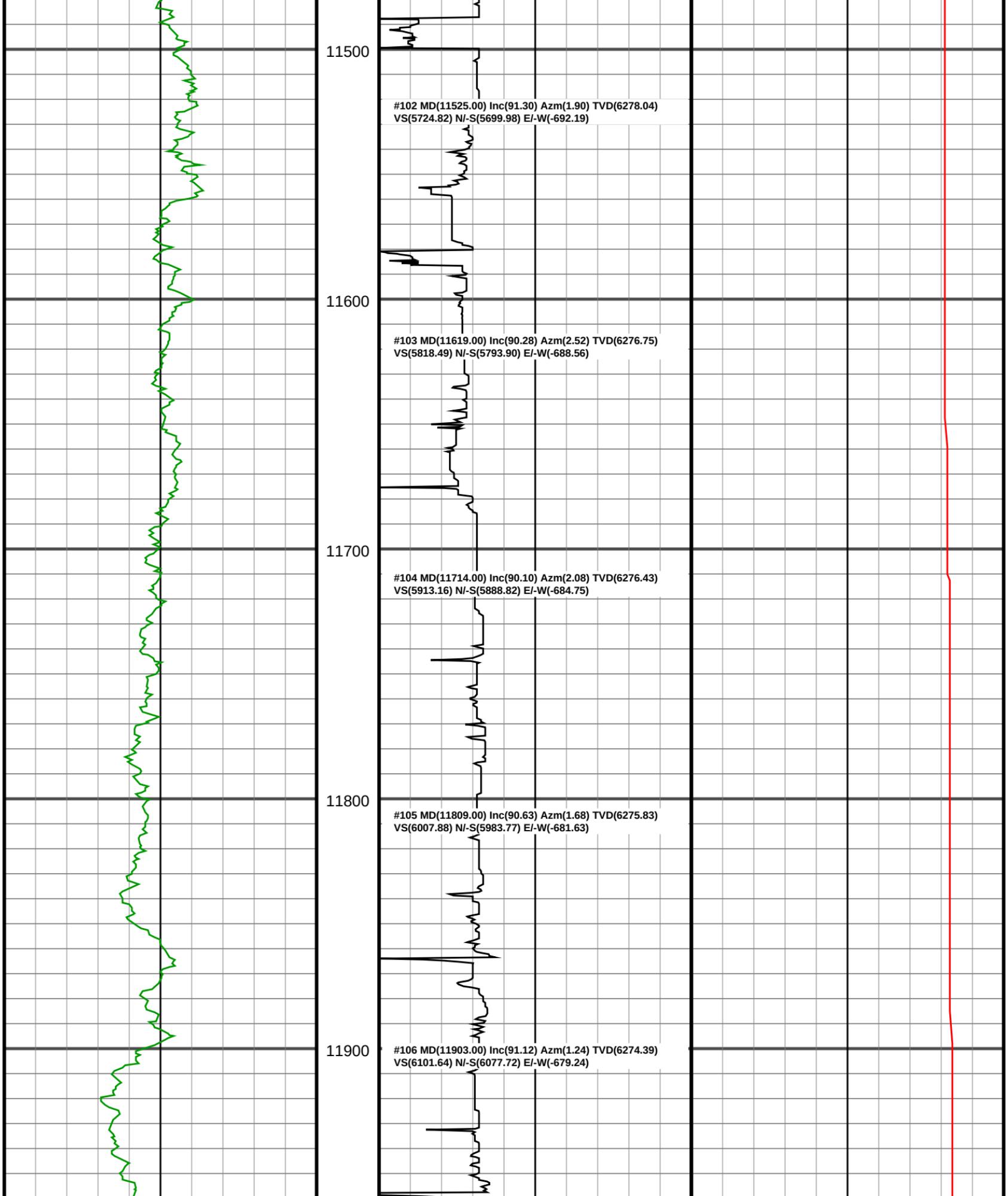
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VS(5818.49) N/-S(5793.90) E/-W(-688.56)
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#104 MD(11714.00) Inc(90.10) Azm(2.08) TVD(6276.43)
VS(5913.16) N/-S(5888.82) E/-W(-684.75)
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#105 MD(11809.00) Inc(90.63) Azm(1.68) TVD(6275.83)
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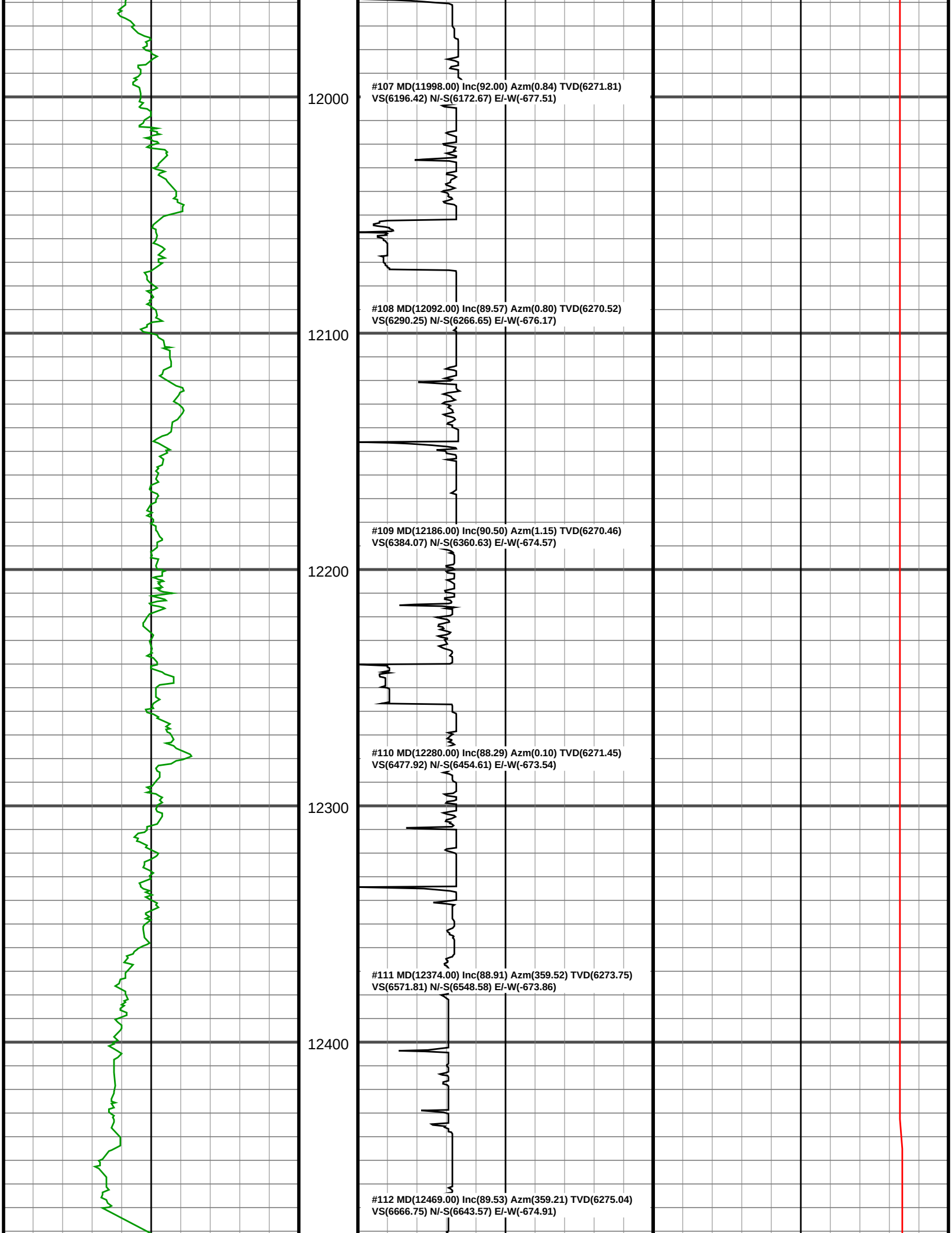
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VS(6290.25) N/-S(6266.65) E/-W(-676.17)
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#110 MD(12280.00) Inc(88.29) Azm(0.10) TVD(6271.45)
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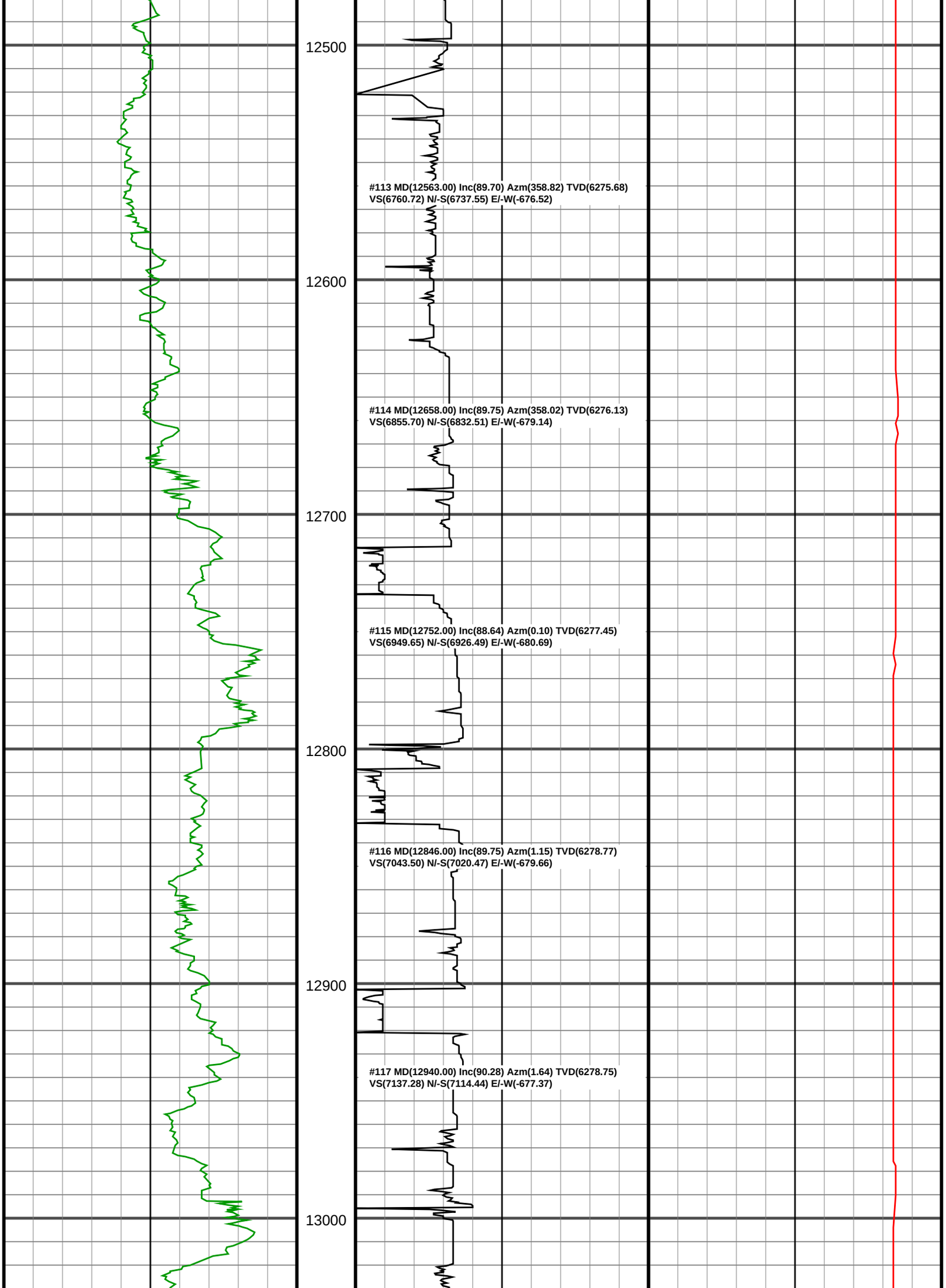
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VS(6855.70) N/-S(6832.51) E/-W(-679.14)
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#115 MD(12752.00) Inc(88.64) Azm(0.10) TVD(6277.45)
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#116 MD(12846.00) Inc(89.75) Azm(1.15) TVD(6278.77)
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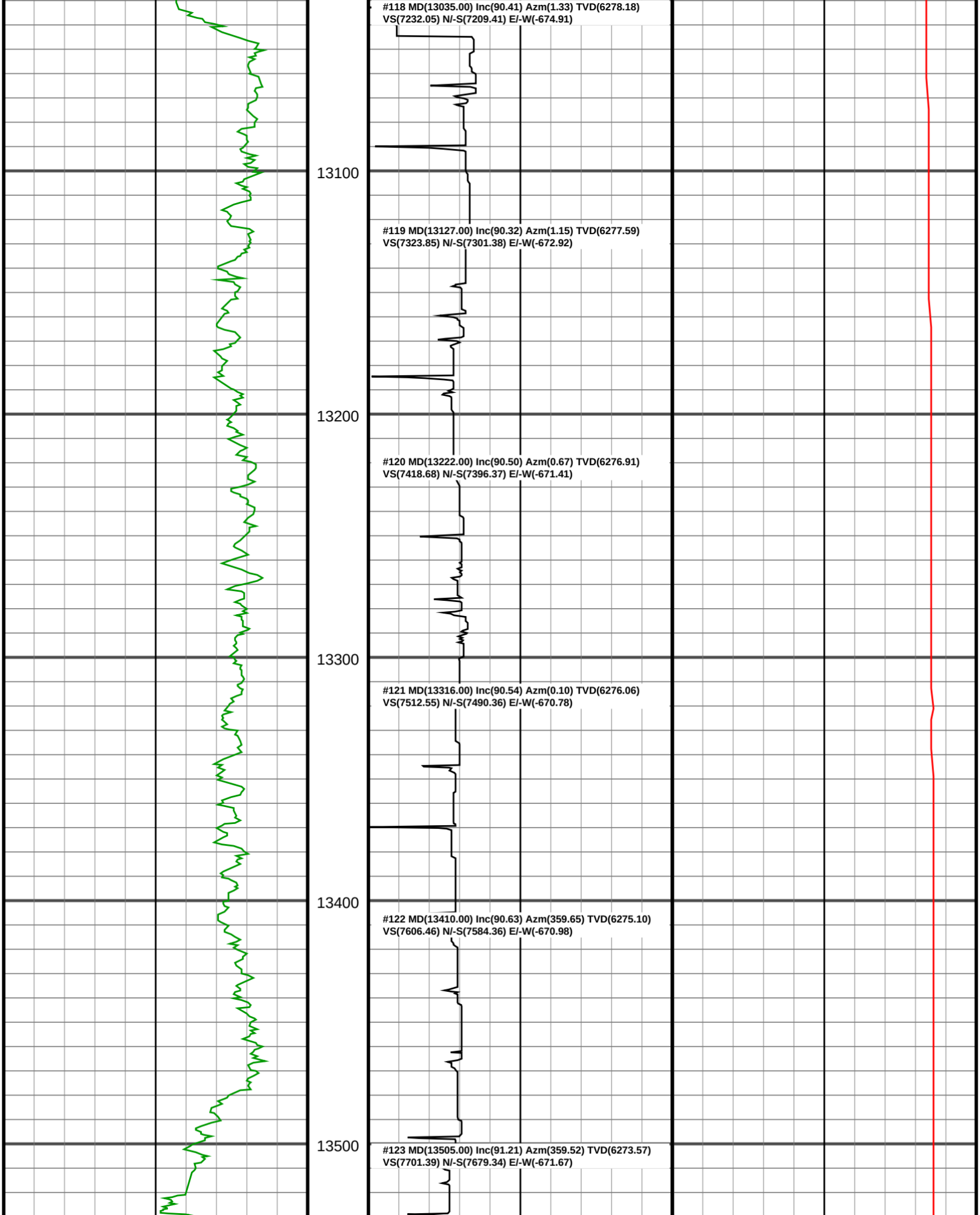
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VS(7323.85) N/-S(7301.38) E/-W(-672.92)
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#120 MD(13222.00) Inc(90.50) Azm(0.67) TVD(6276.91)
VS(7418.68) N/-S(7396.37) E/-W(-671.41)
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#121 MD(13316.00) Inc(90.54) Azm(0.10) TVD(6276.06)
VS(7512.55) N/-S(7490.36) E/-W(-670.78)
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#122 MD(13410.00) Inc(90.63) Azm(359.65) TVD(6275.10)
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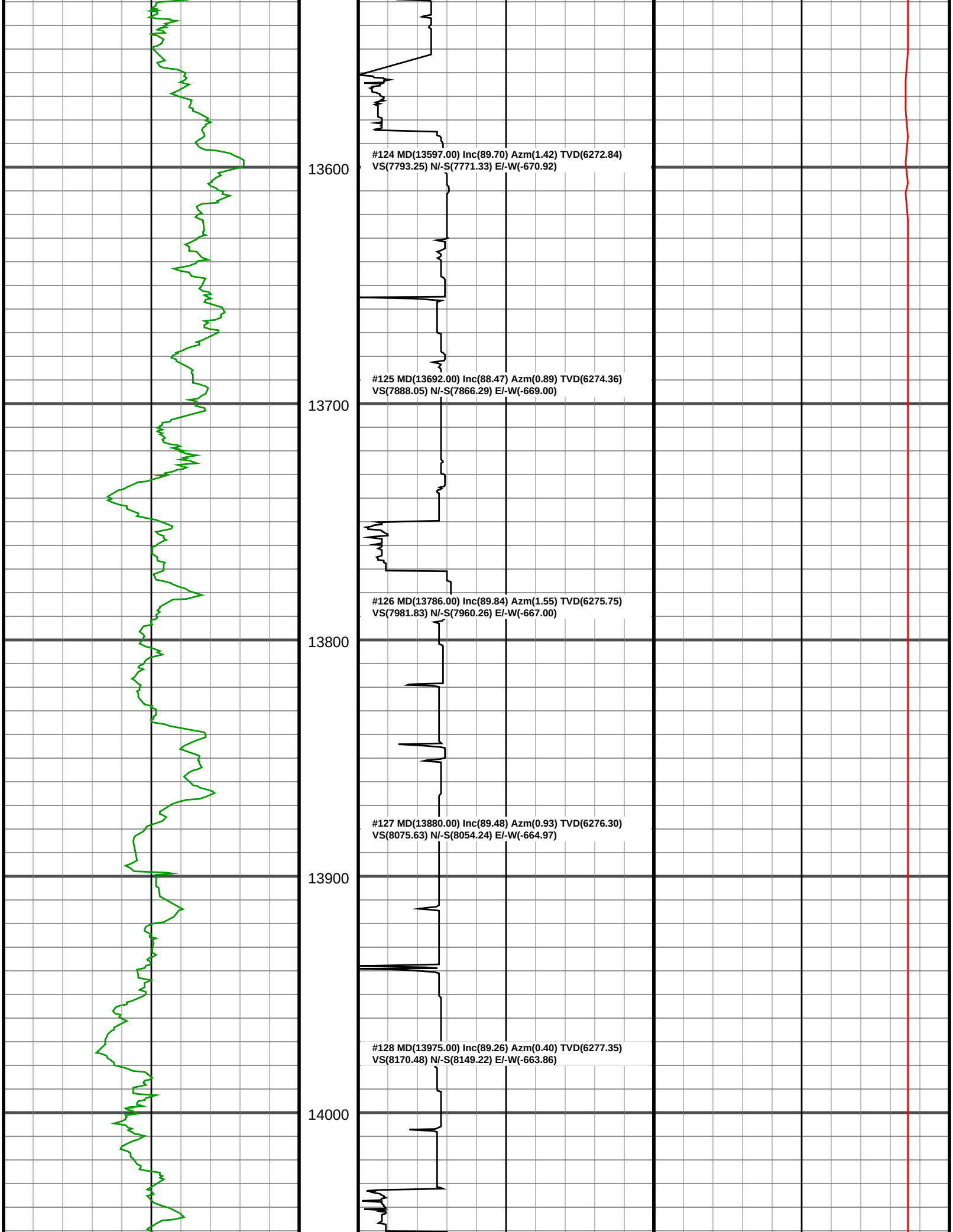
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#125 MD(13692.00) Inc(88.47) Azm(0.89) TVD(6274.36)
VS(7888.05) N/-S(7866.29) E/-W(-669.00)
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#126 MD(13786.00) Inc(89.84) Azm(1.55) TVD(6275.75)
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#127 MD(13880.00) Inc(89.48) Azm(0.93) TVD(6276.30)
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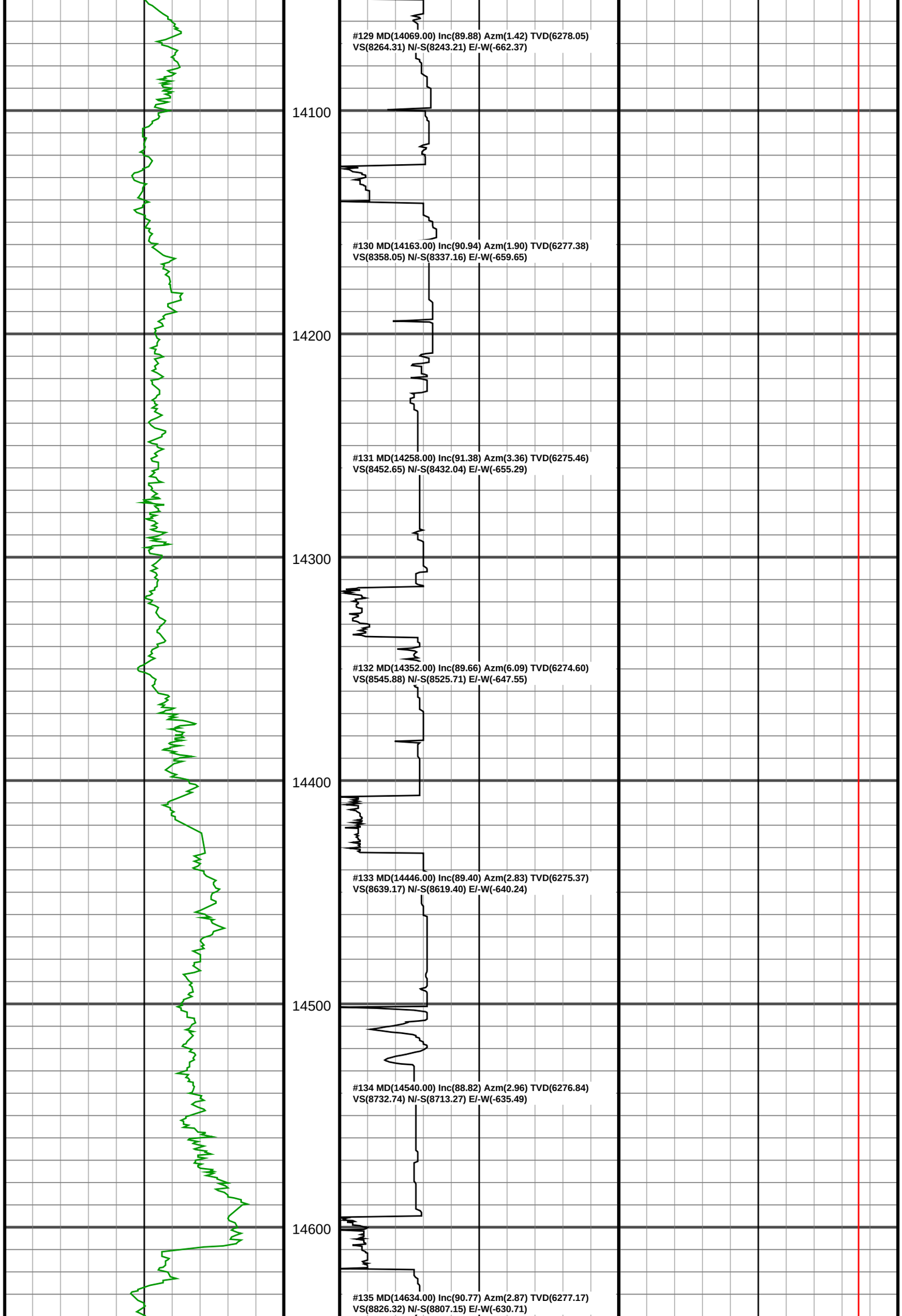
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#131 MD(14258.00) Inc(91.38) Azm(3.36) TVD(6275.46)
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#132 MD(14352.00) Inc(89.66) Azm(6.09) TVD(6274.60)
VS(8545.88) N/-S(8525.71) E/-W(-647.55)
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#133 MD(14446.00) Inc(89.40) Azm(2.83) TVD(6275.37)
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#134 MD(14540.00) Inc(88.82) Azm(2.96) TVD(6276.84)
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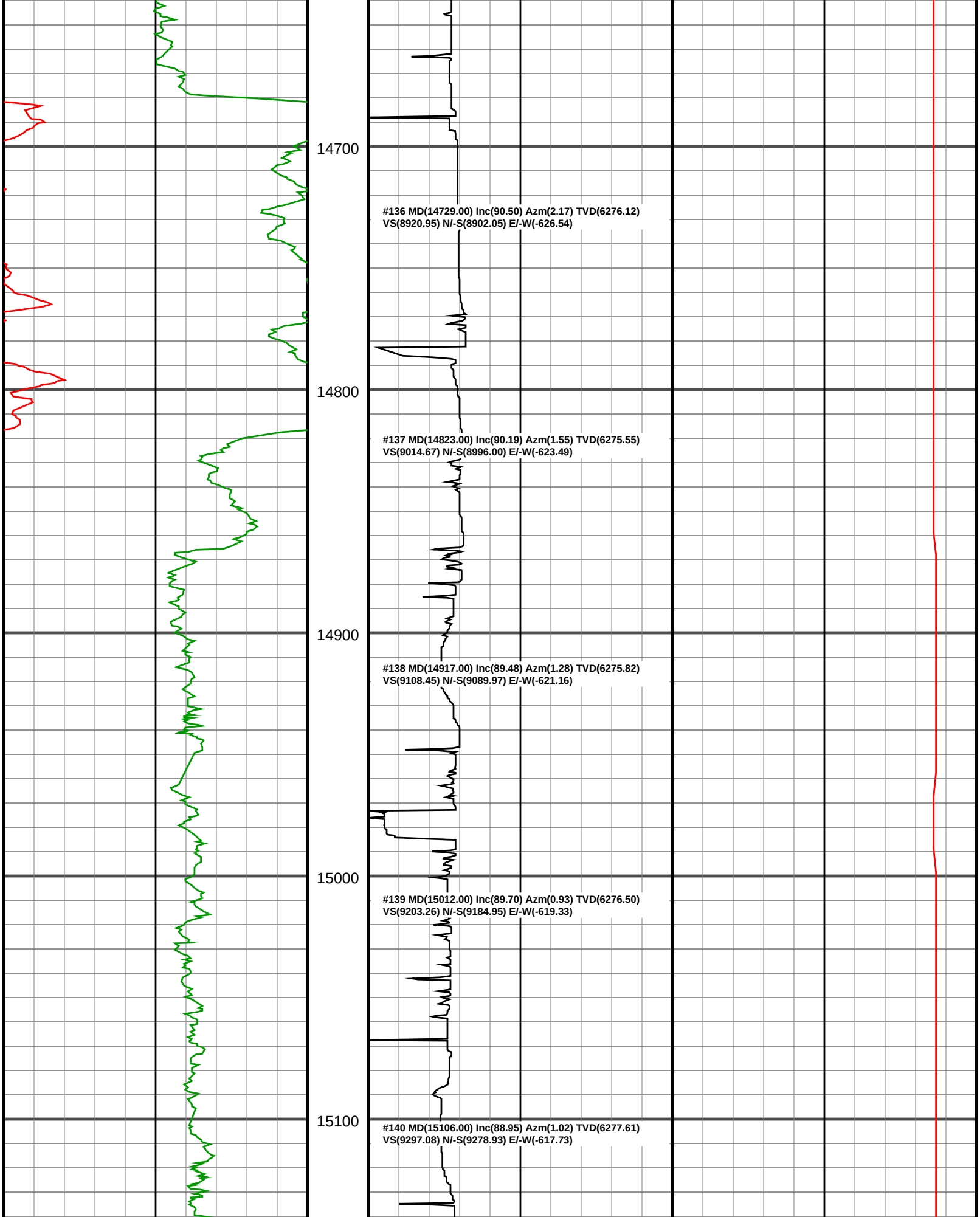
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#137 MD(14823.00) Inc(90.19) Azm(1.55) TVD(6275.55)
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14900
#138 MD(14917.00) Inc(89.48) Azm(1.28) TVD(6275.82)
VS(9108.45) N/-S(9089.97) E/-W(-621.16)
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#139 MD(15012.00) Inc(89.70) Azm(0.93) TVD(6276.50)
VS(9203.26) N/-S(9184.95) E/-W(-619.33)
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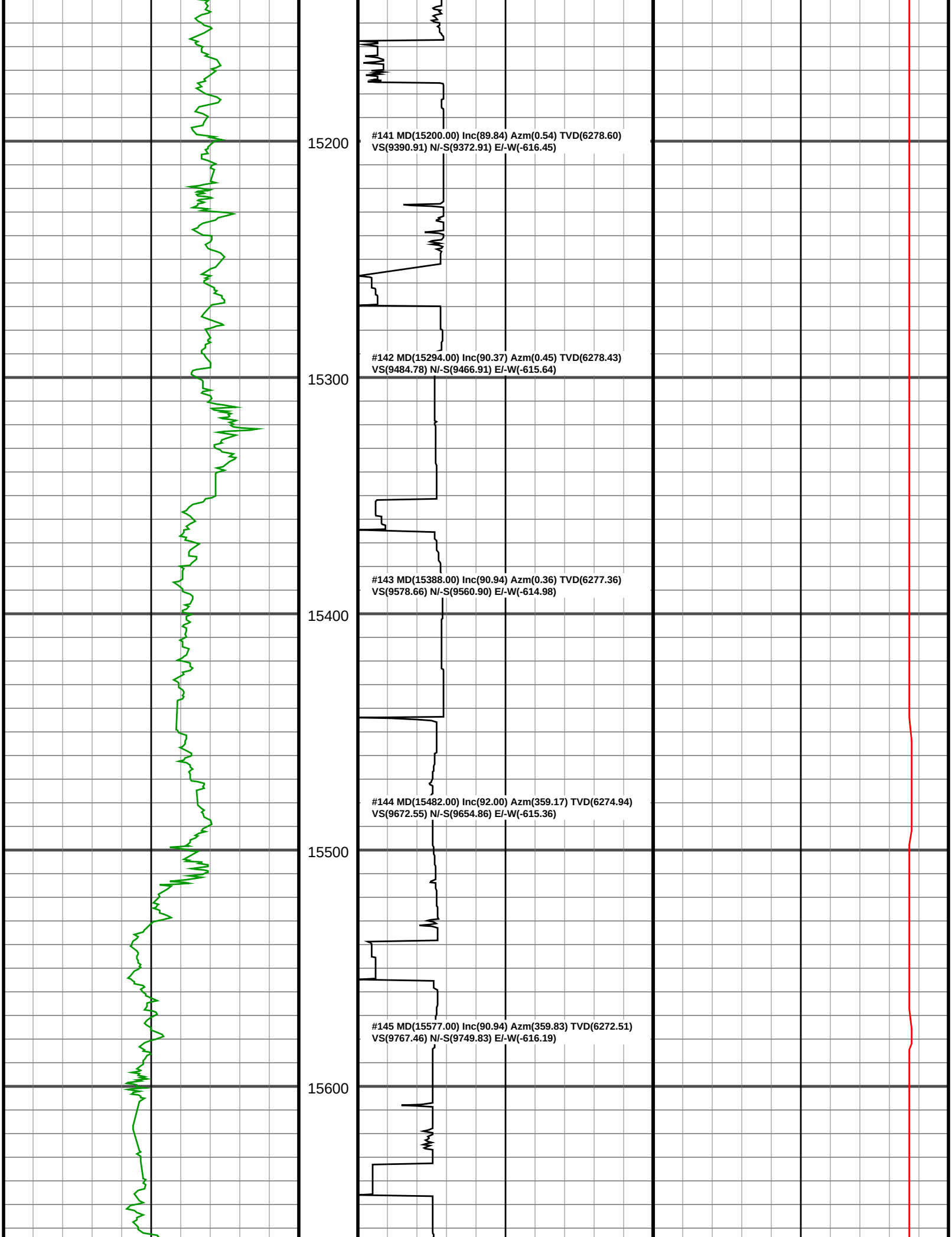
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#142 MD(15294.00) Inc(90.37) Azm(0.45) TVD(6278.43)
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#143 MD(15388.00) Inc(90.94) Azm(0.36) TVD(6277.36)
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#144 MD(15482.00) Inc(92.00) Azm(359.17) TVD(6274.94)
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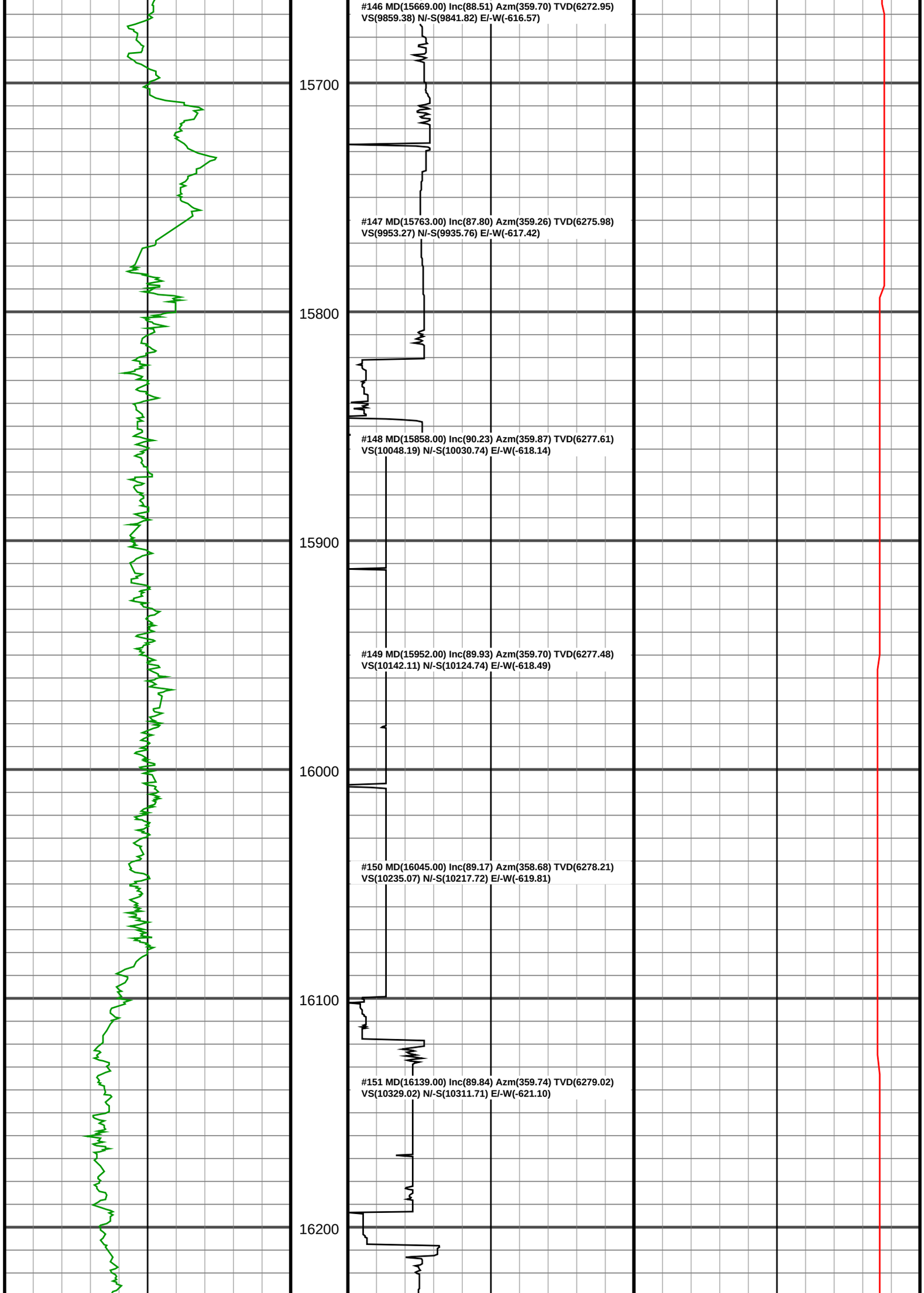
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#147 MD(15763.00) Inc(87.80) Azm(359.26) TVD(6275.98)
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#148 MD(15858.00) Inc(90.23) Azm(359.87) TVD(6277.61)
VS(10048.19) N/-S(10030.74) E/-W(-618.14)
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#149 MD(15952.00) Inc(89.93) Azm(359.70) TVD(6277.48)
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#150 MD(16045.00) Inc(89.17) Azm(358.68) TVD(6278.21)
VS(10235.07) N/-S(10217.72) E/-W(-619.81)
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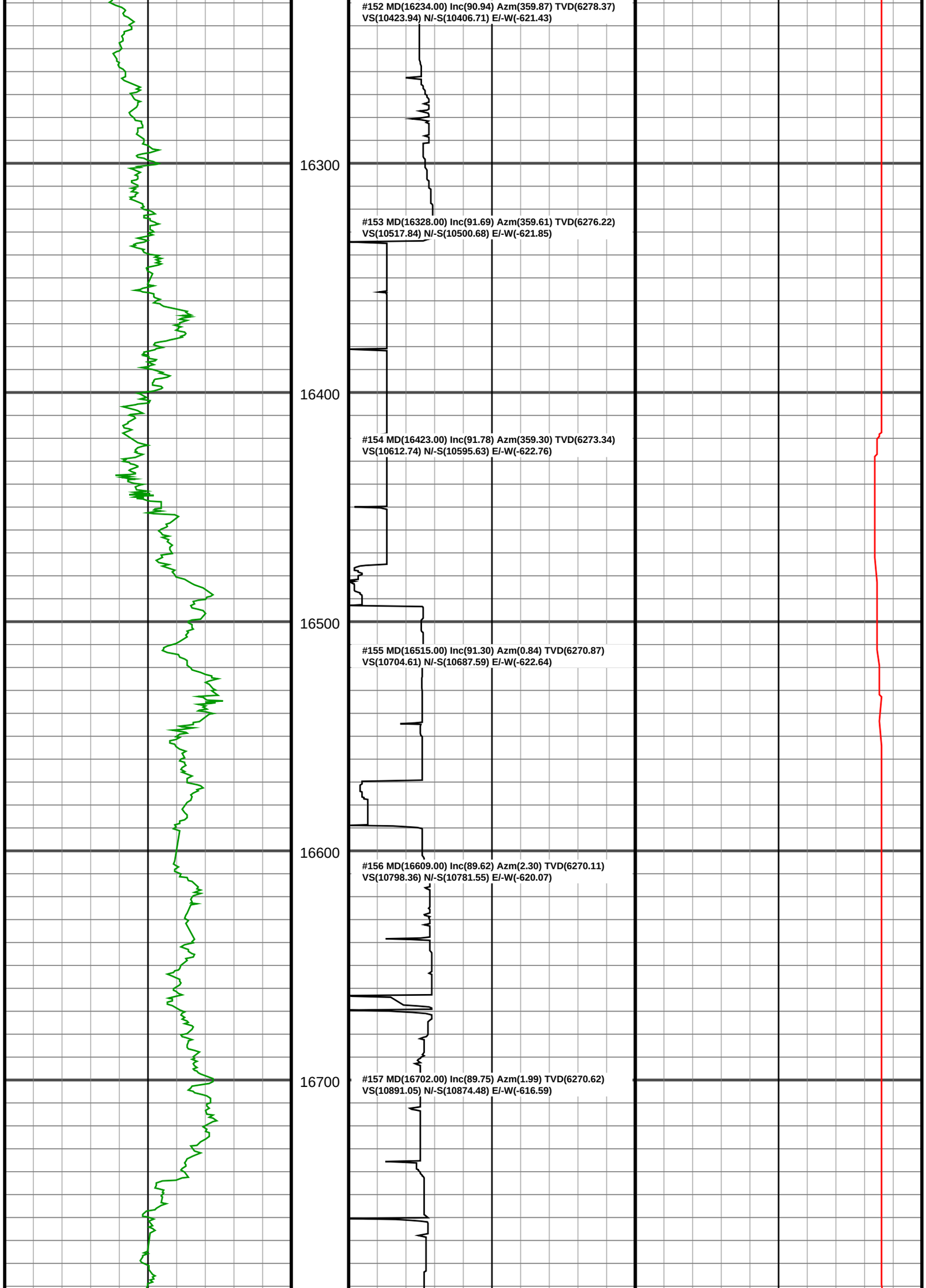
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VS(10517.84) N/-S(10500.68) E/-W(-621.85)
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#154 MD(16423.00) Inc(91.78) Azm(359.30) TVD(6273.34)
VS(10612.74) N/-S(10595.63) E/-W(-622.76)
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#155 MD(16515.00) Inc(91.30) Azm(0.84) TVD(6270.87)
VS(10704.61) N/-S(10687.59) E/-W(-622.64)
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#156 MD(16609.00) Inc(89.62) Azm(2.30) TVD(6270.11)
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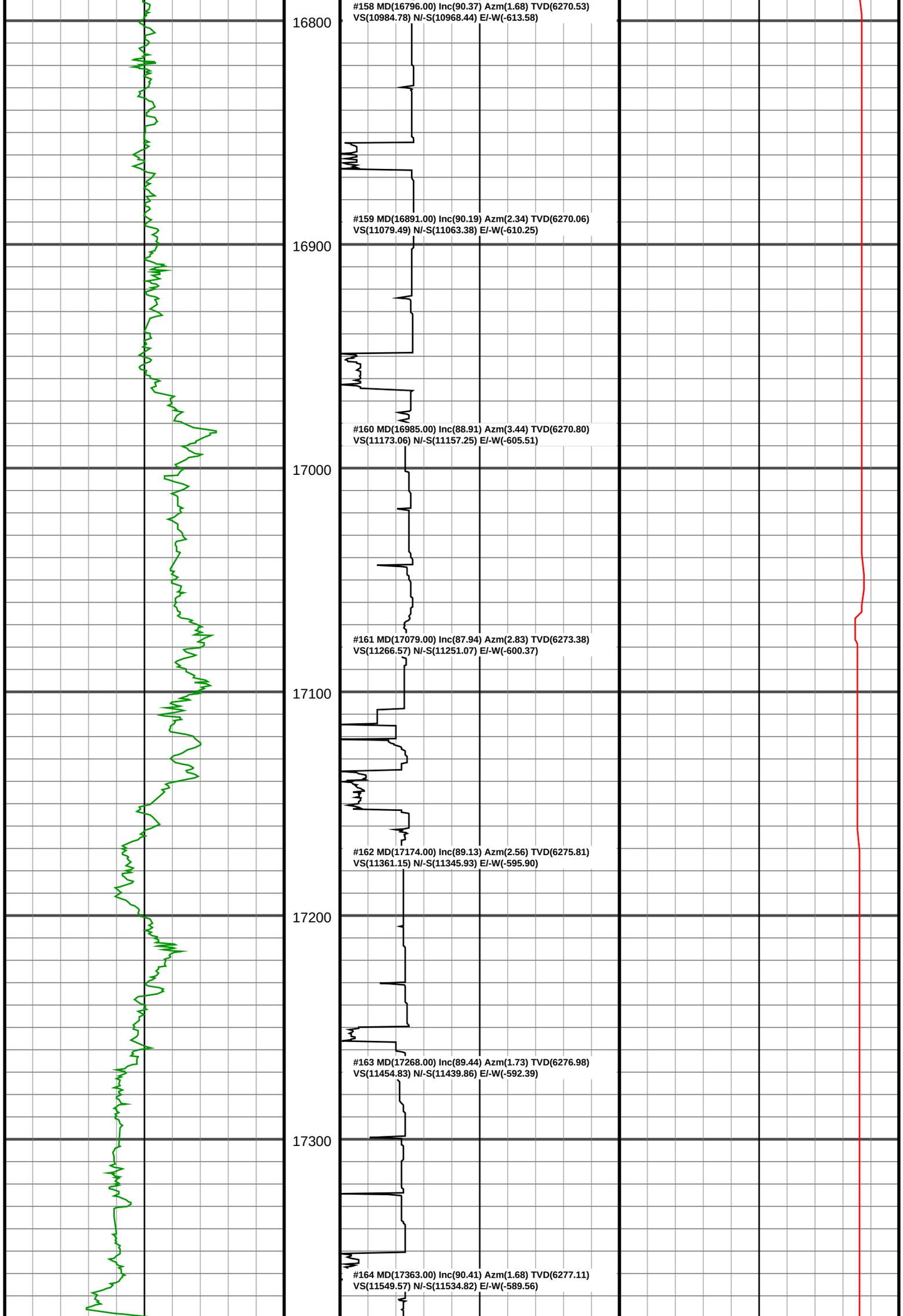
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VS(11079.49) N/-S(11063.38) E/-W(-610.25)
16900
#160 MD(16985.00) Inc(88.91) Azm(3.44) TVD(6270.80)
VS(11173.06) N/-S(11157.25) E/-W(-605.51)
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#161 MD(17079.00) Inc(87.94) Azm(2.83) TVD(6273.38)
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#162 MD(17174.00) Inc(89.13) Azm(2.56) TVD(6275.81)
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#163 MD(17268.00) Inc(89.44) Azm(1.73) TVD(6276.98)
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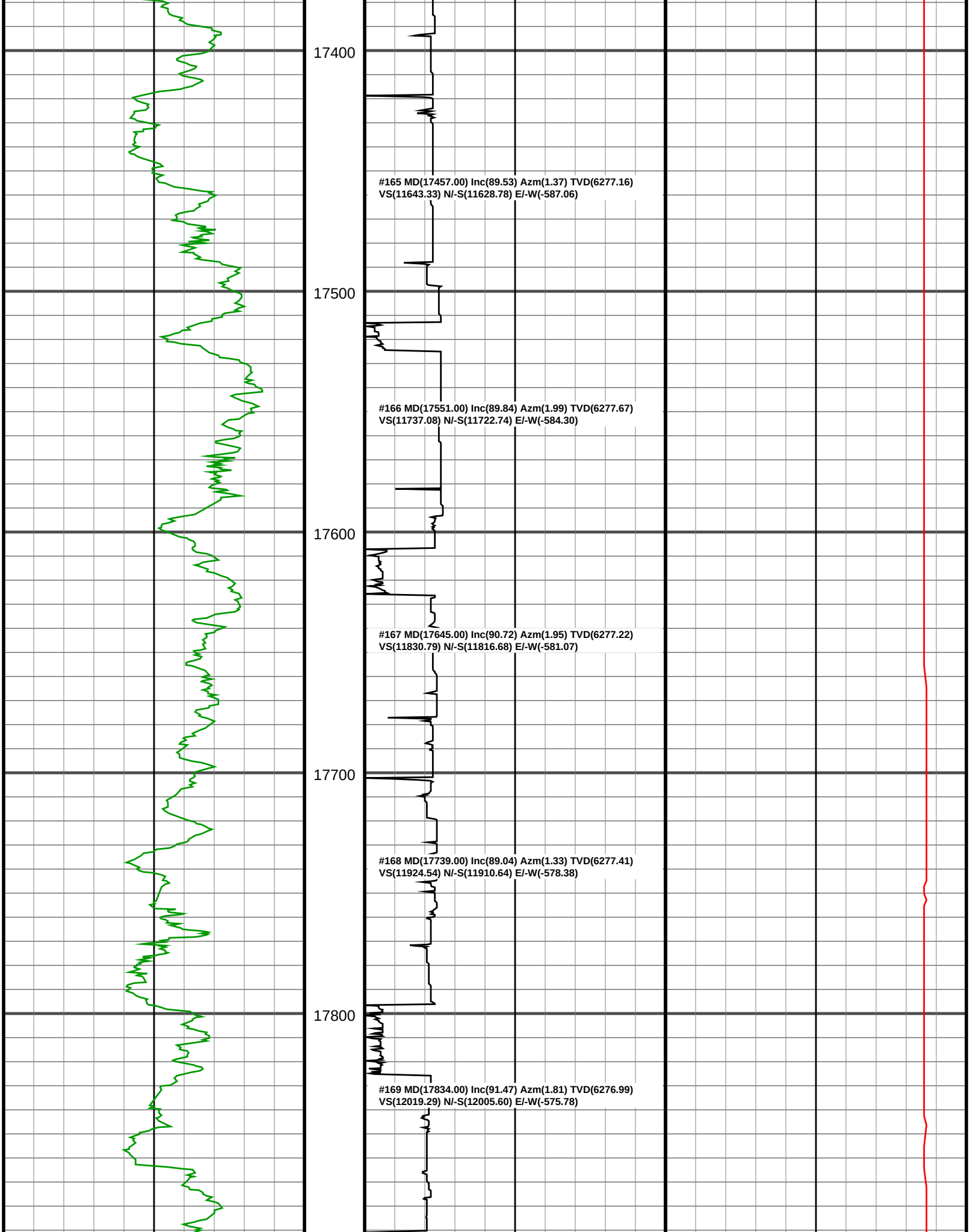
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#167 MD(17645.00) Inc(90.72) Azm(1.95) TVD(6277.22)
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#168 MD(17739.00) Inc(89.04) Azm(1.33) TVD(6277.41)
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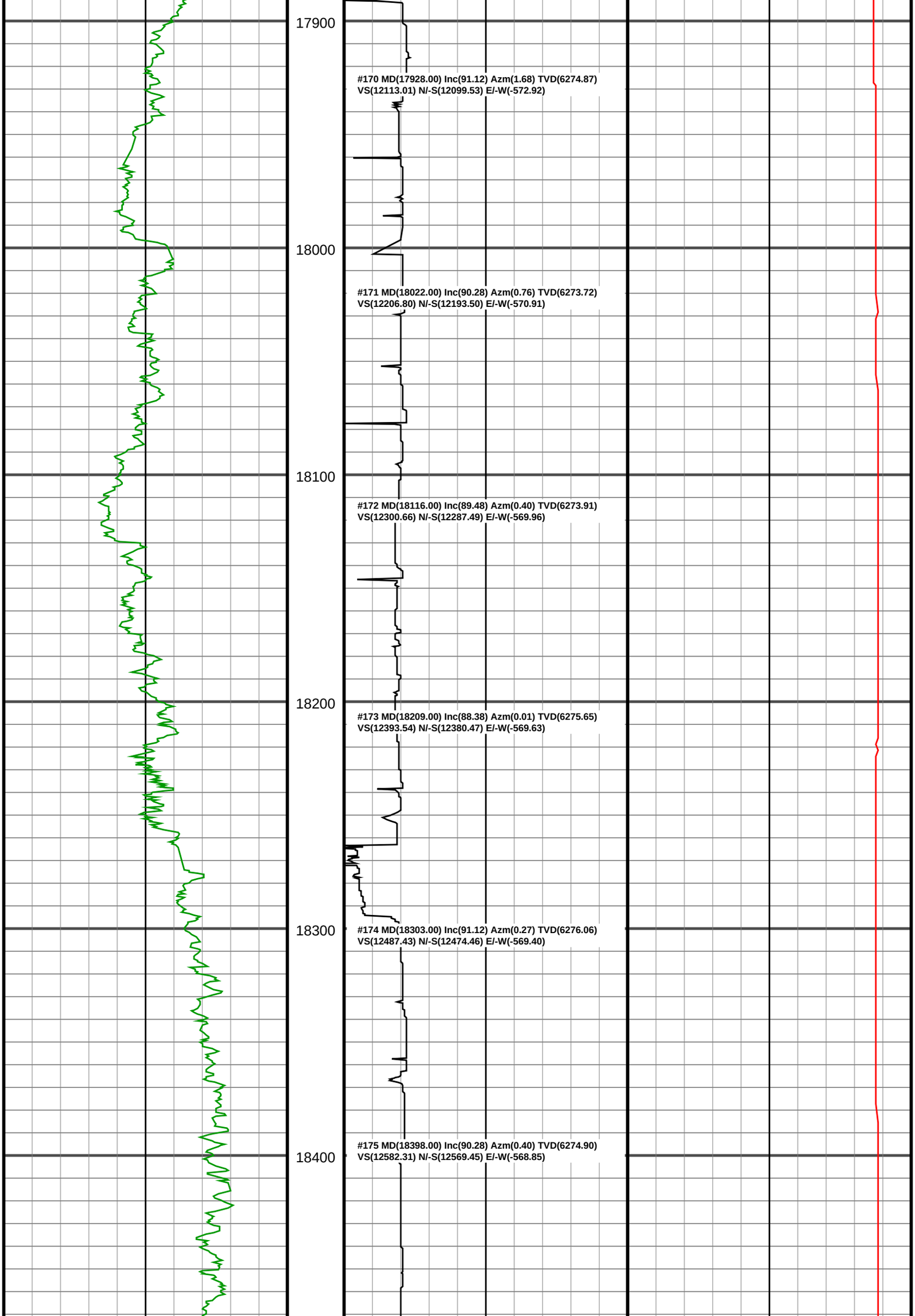
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#173 MD(18209.00) Inc(88.38) Azm(0.01) TVD(6275.65)
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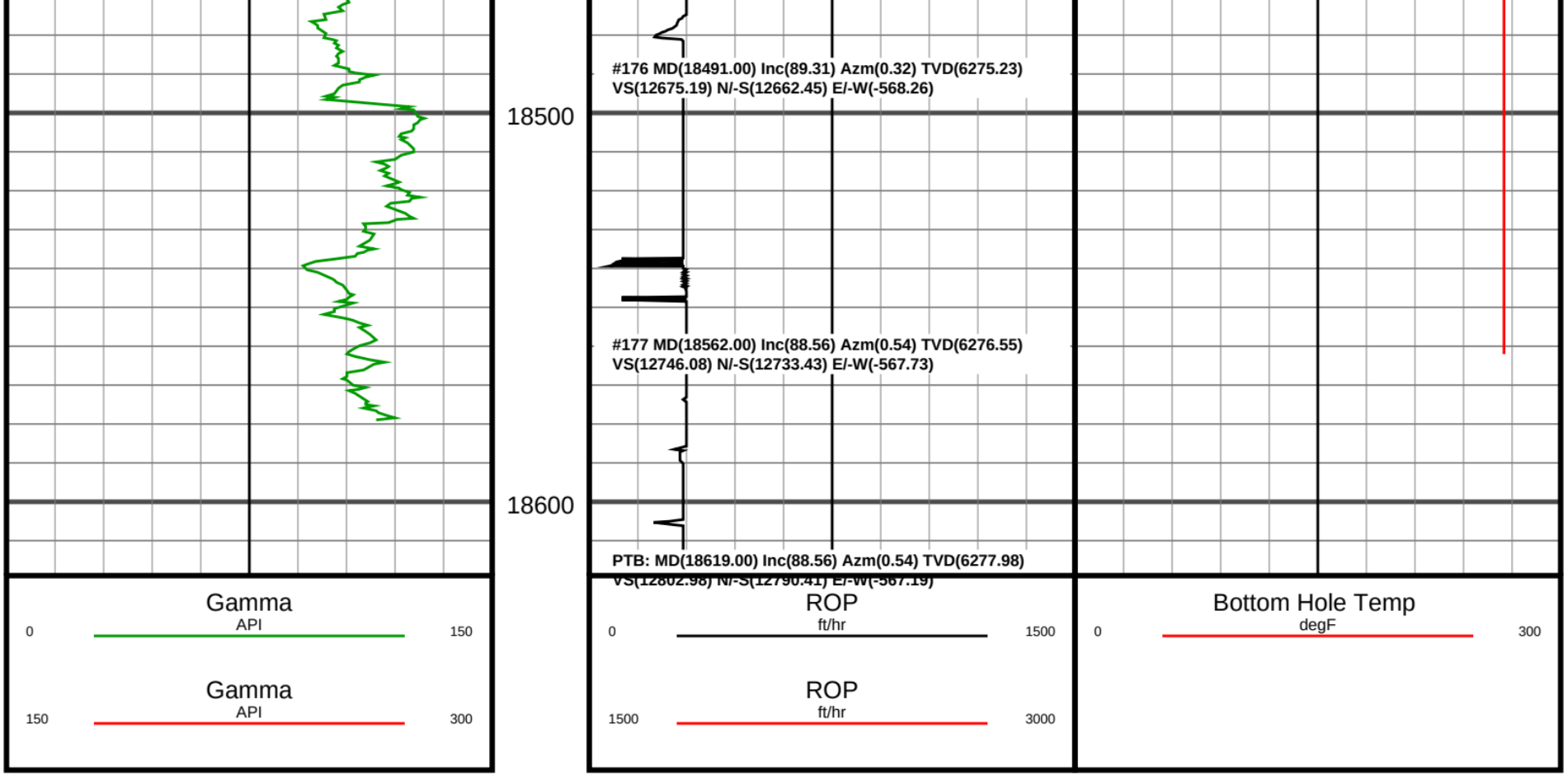
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VS(12746.08) N/-S(12733.43) E/-W(-567.73)
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PTB: MD(18619.00) Inc(88.56) Azm(0.54) TVD(6277.98)
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150
Gamma
API
150
300
ROP
ft/hr
0
1500
ROP
ft/hr
1500
3000
Bottom Hole Temp
degF
0
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