BLEHM 8X-10-07-67

MD
5":100'

Company: Nickel Road Operating
Well Name: BLEHM 8X-HC-10-07-67
API: 05-123-51474
County/Parish: Weld
State: CO
Country: USA
Job number: 00422MA-CO
Field: DJ Basin
Rig Id: Cyclone 37
Survey Company: Atlas Drilling and Services
Day MWD Josh Mahoney
Night MWD Elias Bradach

Log measurements: GAMMA, ROP
Depth measured from: RKB
Maximum temperature: 254

	Depth	Date
Start:	0 ft	04/29/2021
End:	19976 ft	06/11/2021

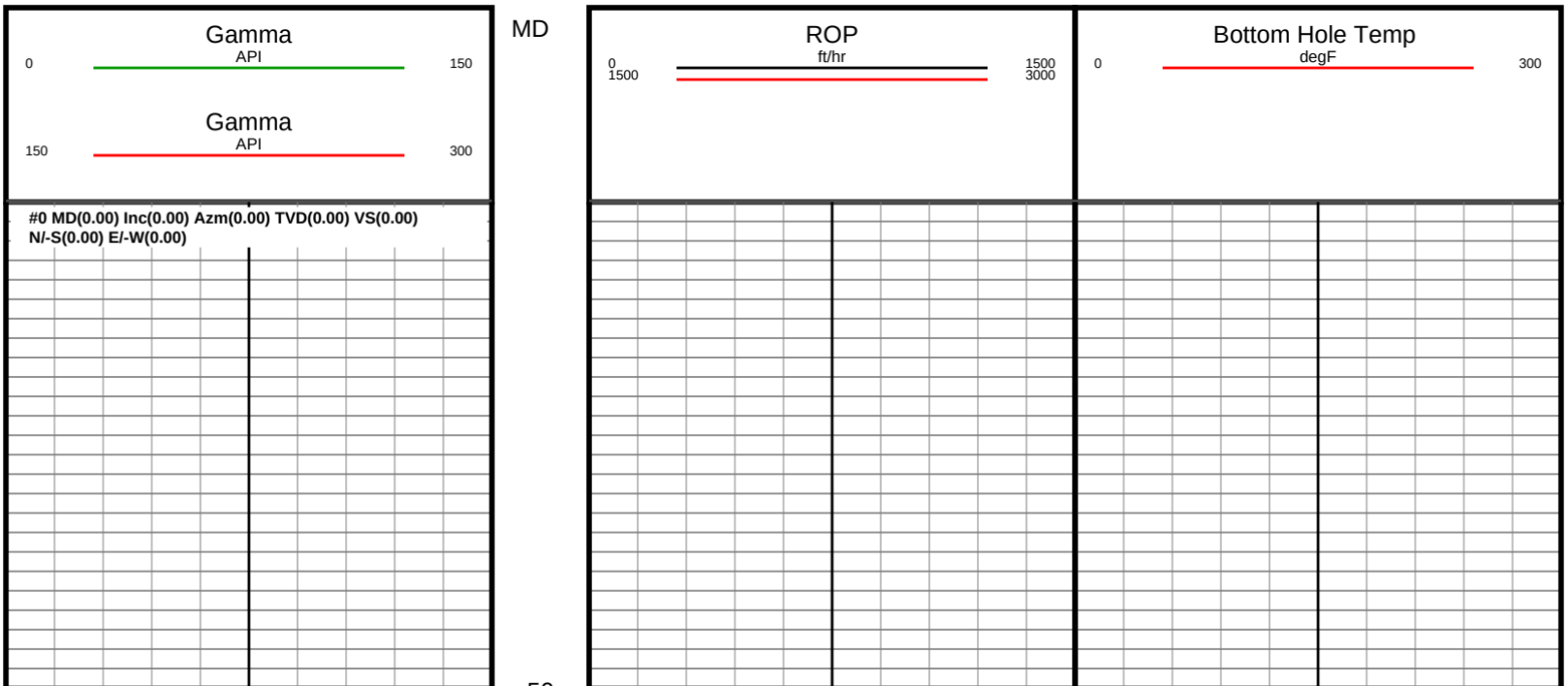
Casing	Depth	Casing Size	Hole Size
Surface:	1750 ft	9.625"	12"
Intermediate:			"

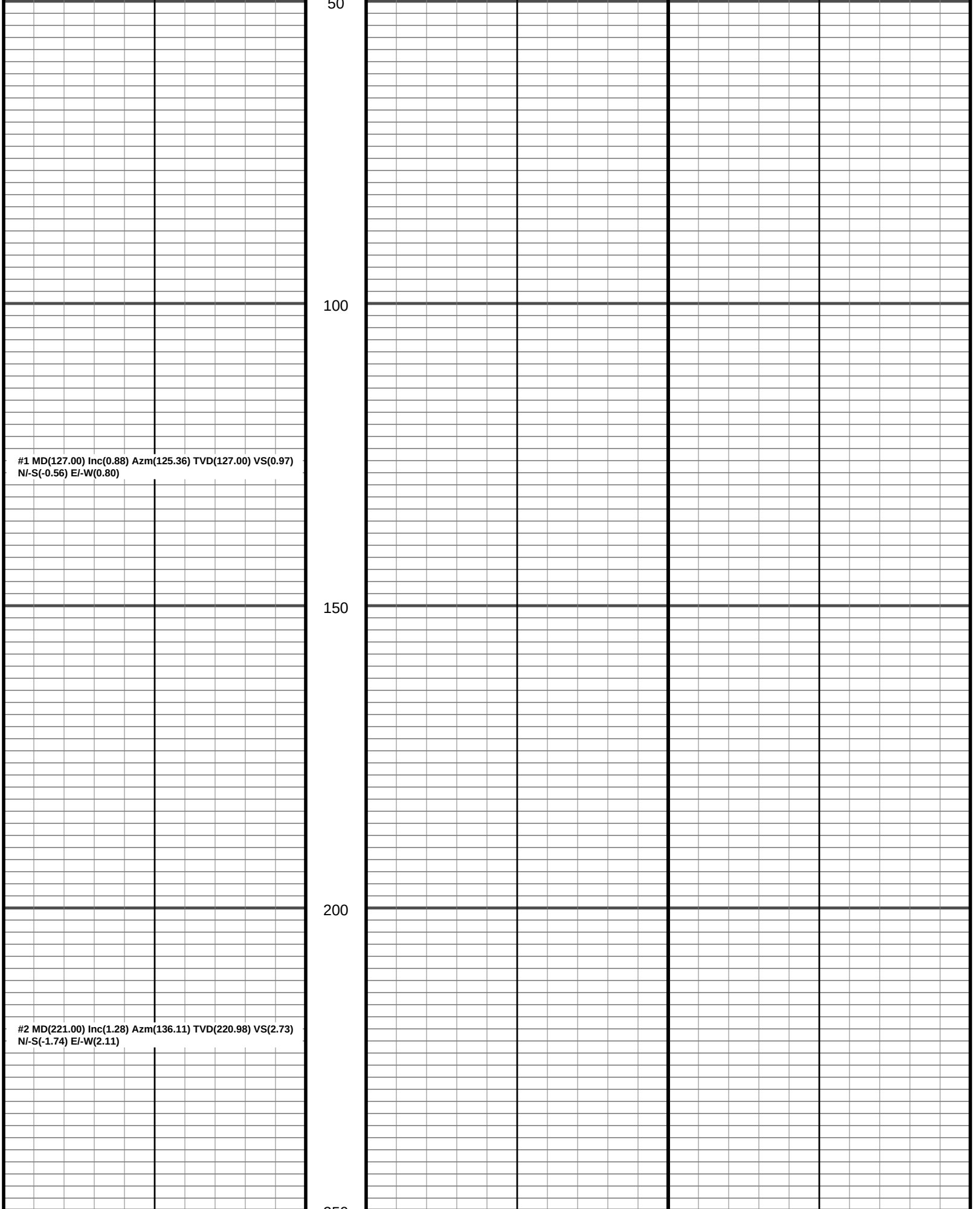
Mud Type: OBM
Density: 9.8
Viscosity: 44
Rm: **Rmf:** **Rmc:**

Elevations	
KB:	27
DF:	5115
GL:	5088

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	N/A	N/A	13.5"	68.00 ft		N/A ft	WBM	9.0	0 ft	1750 ft	04/28/21 22:00	04/29/21 13:30
2	0791	6.45	8.5"	67.00 ft	41.78 ft	N/A ft	OBM	9.8	1750 ft	19976 ft	06/07/21 22:00	06/11/21 13:30
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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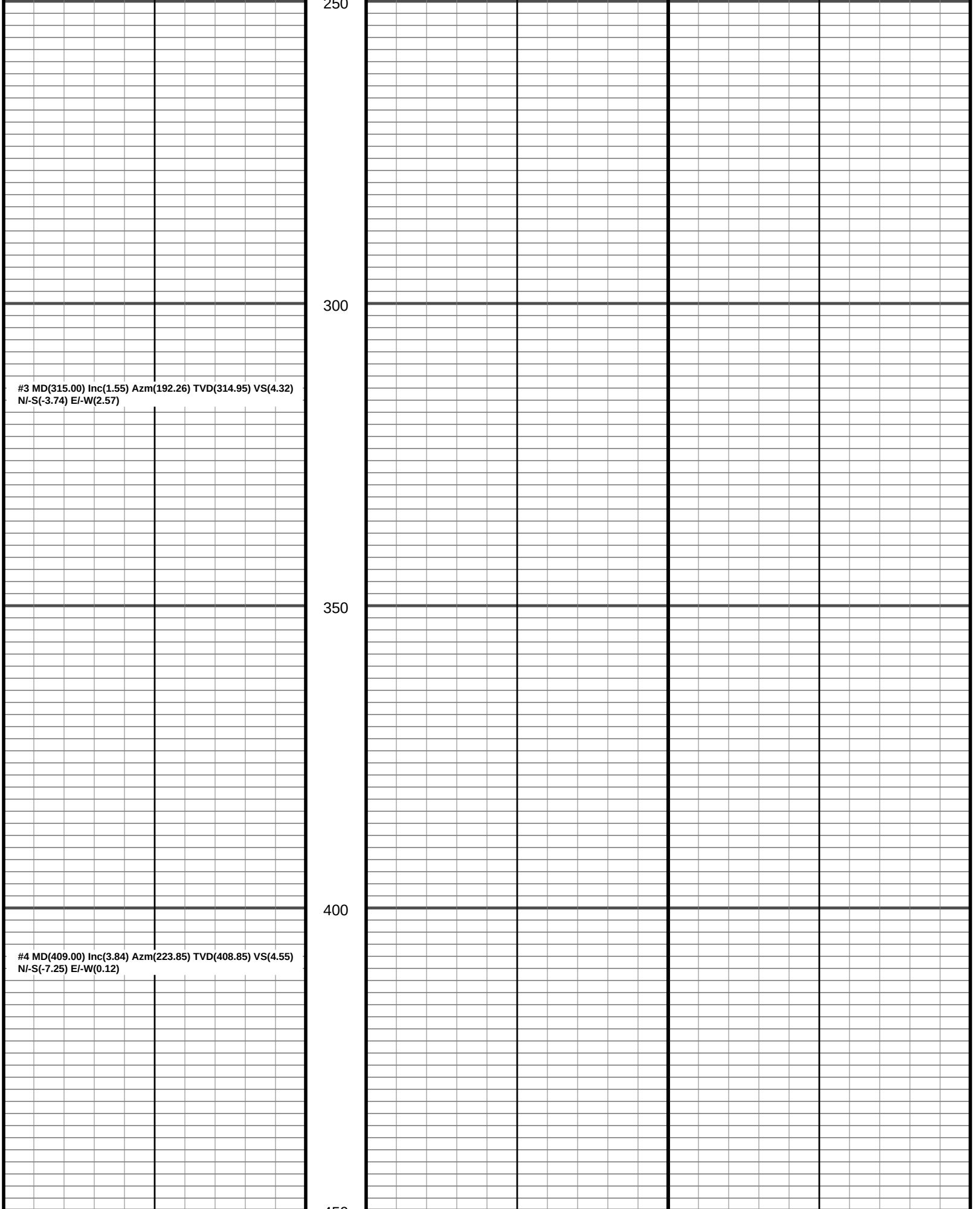
N/-S(-1.74) E/-W(2.11)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350
400
#4 MD(409.00) Inc(3.84) Azm(223.85) TVD(408.85) VS(4.55)
N/-S(-7.25) E/-W(0.12)

450

500

#5 MD(503.00) Inc(6.85) Azm(233.24) TVD(502.43) VS(2.74) N/-S(-12.88) E/-W(-6.55)

550

#6 MD(598.00) Inc(9.63) Azm(239.14) TVD(596.44) VS(-1.64) N/-S(-20.34) E/-W(-17.92)

600

650

#7 MD(692.00) Inc(12.59) Azm(237.95) TVD(688.67) VS(-7.99) N/-S(-29.82) E/-W(-33.35)

700

750

#8 MD(786.00) Inc(15.38) Azm(233.59) TVD(779.88) VS(-14.88) N/-S(-42.65) E/-W(-52.07)

800

850

#9 MD(881.00) Inc(17.76) Azm(232.71) TVD(870.93)
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900

950

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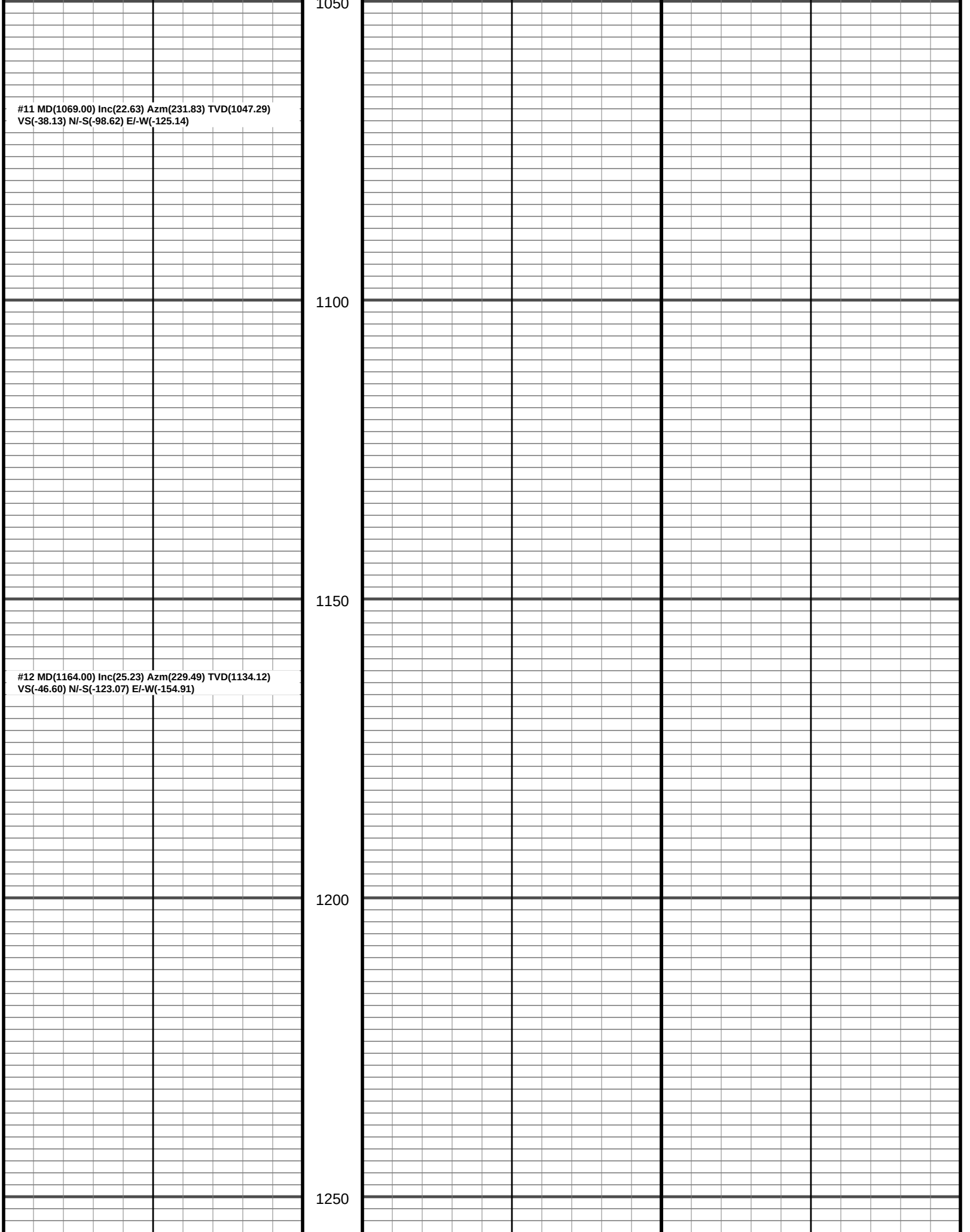
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#12 MD(1164.00) Inc(25.23) Azm(229.49) TVD(1134.12)
VS(-46.60) N/-S(-123.07) E/-W(-154.91)
1200
1250

#13 MD(1258.00) Inc(27.97) Azm(229.41) TVD(1218.16)
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1300

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#14 MD(1352.00) Inc(31.11) Azm(229.41) TVD(1299.93)
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#15 MD(1447.00) Inc(32.52) Azm(228.39) TVD(1380.66)
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1450

1500

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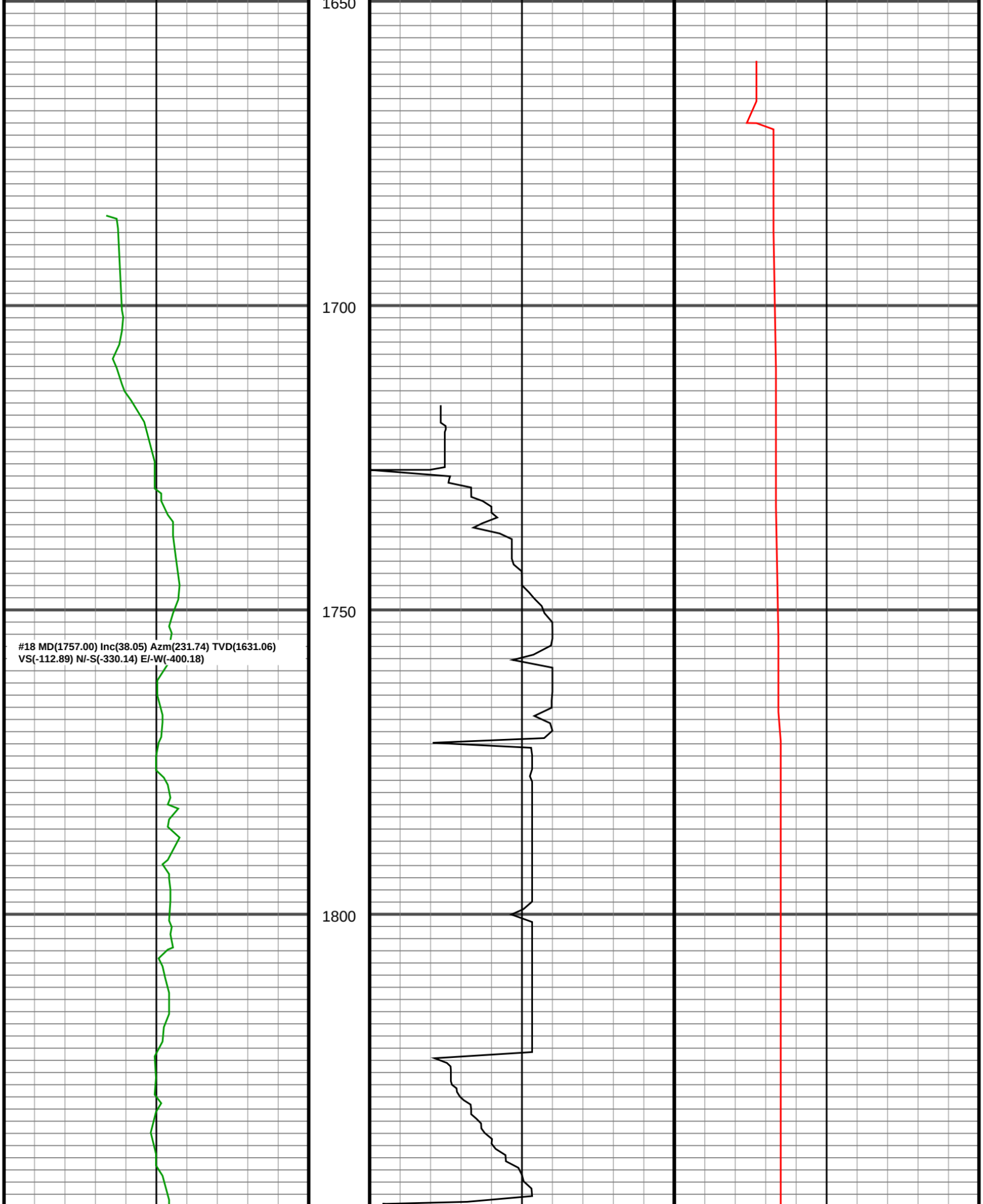
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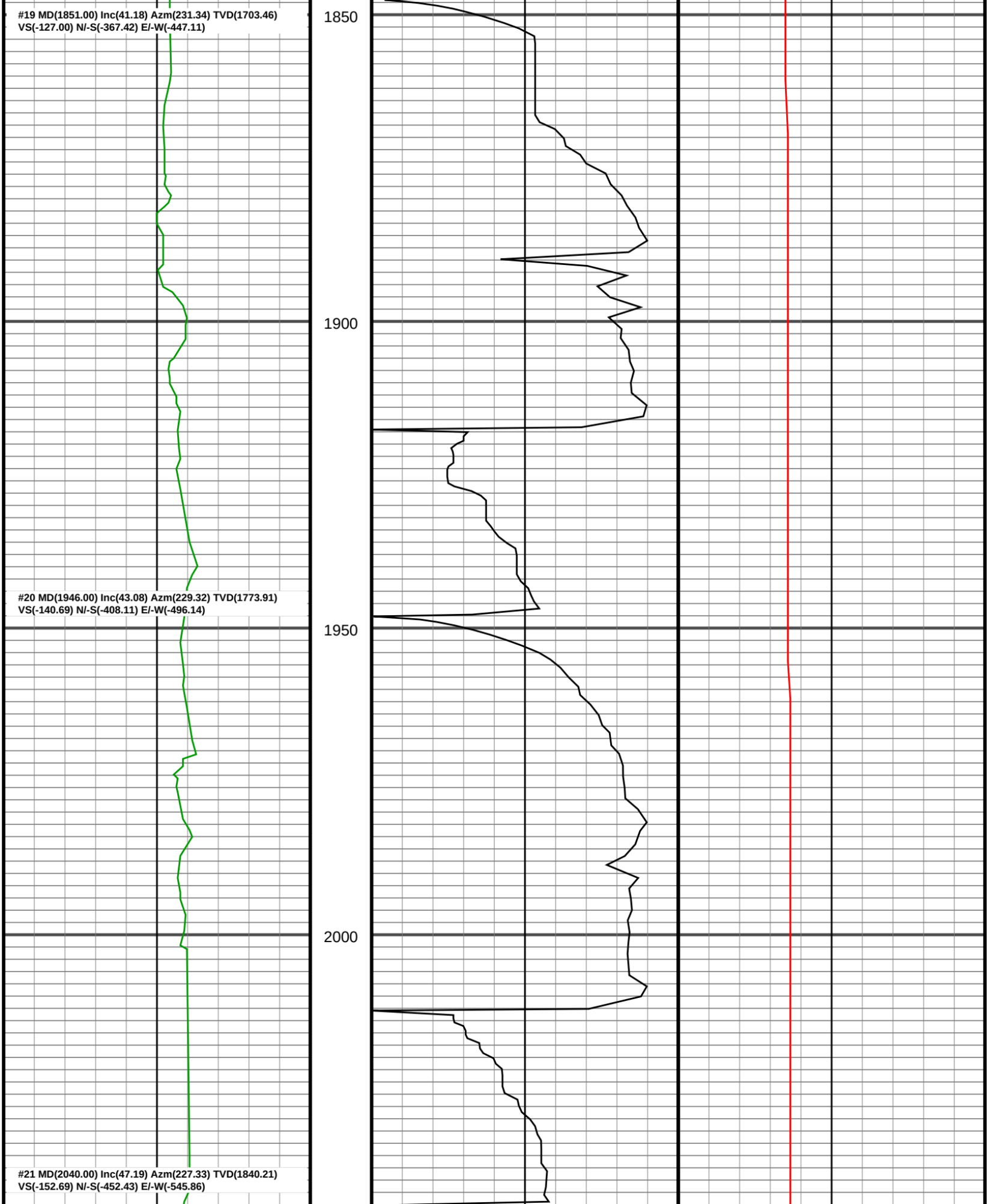
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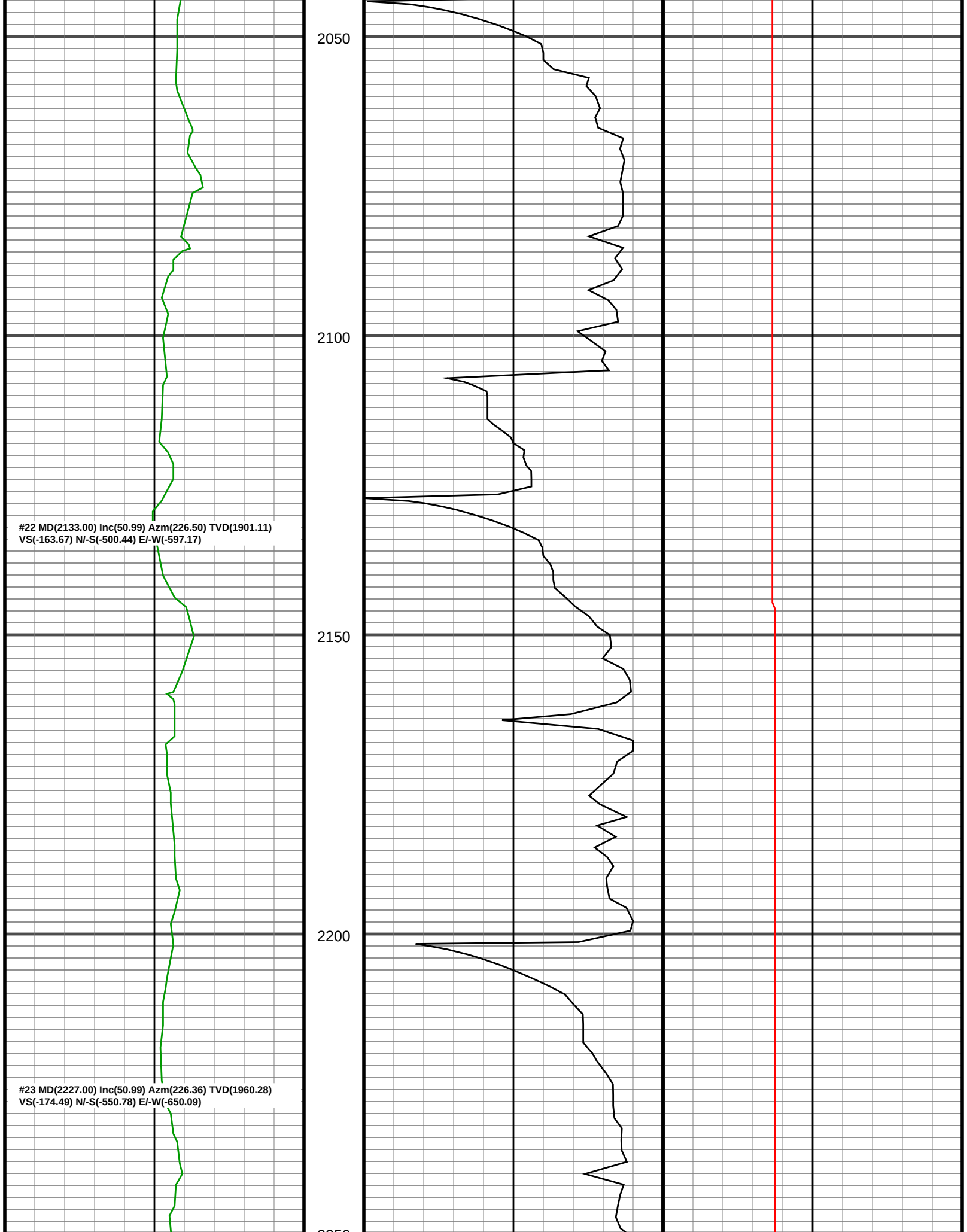
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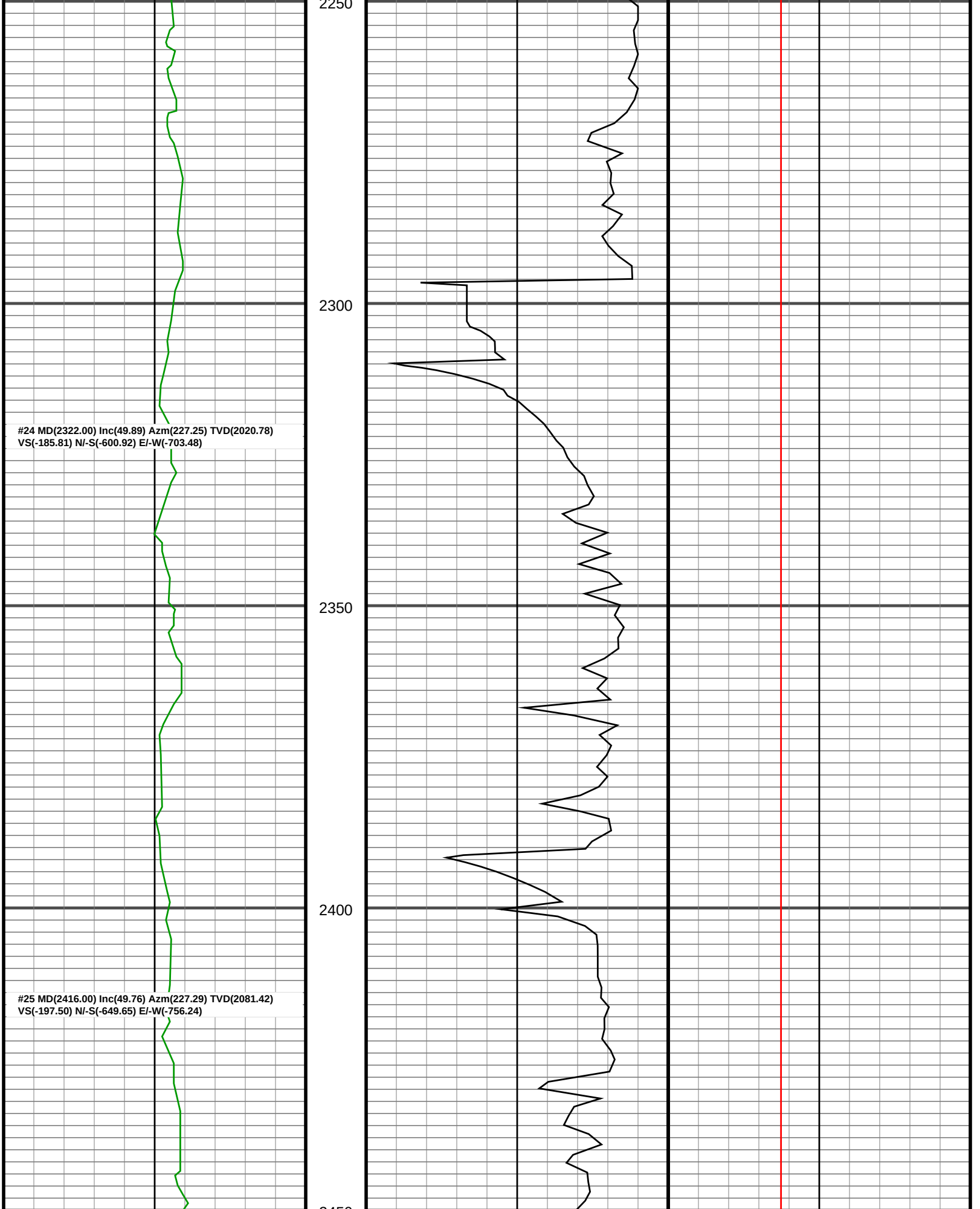
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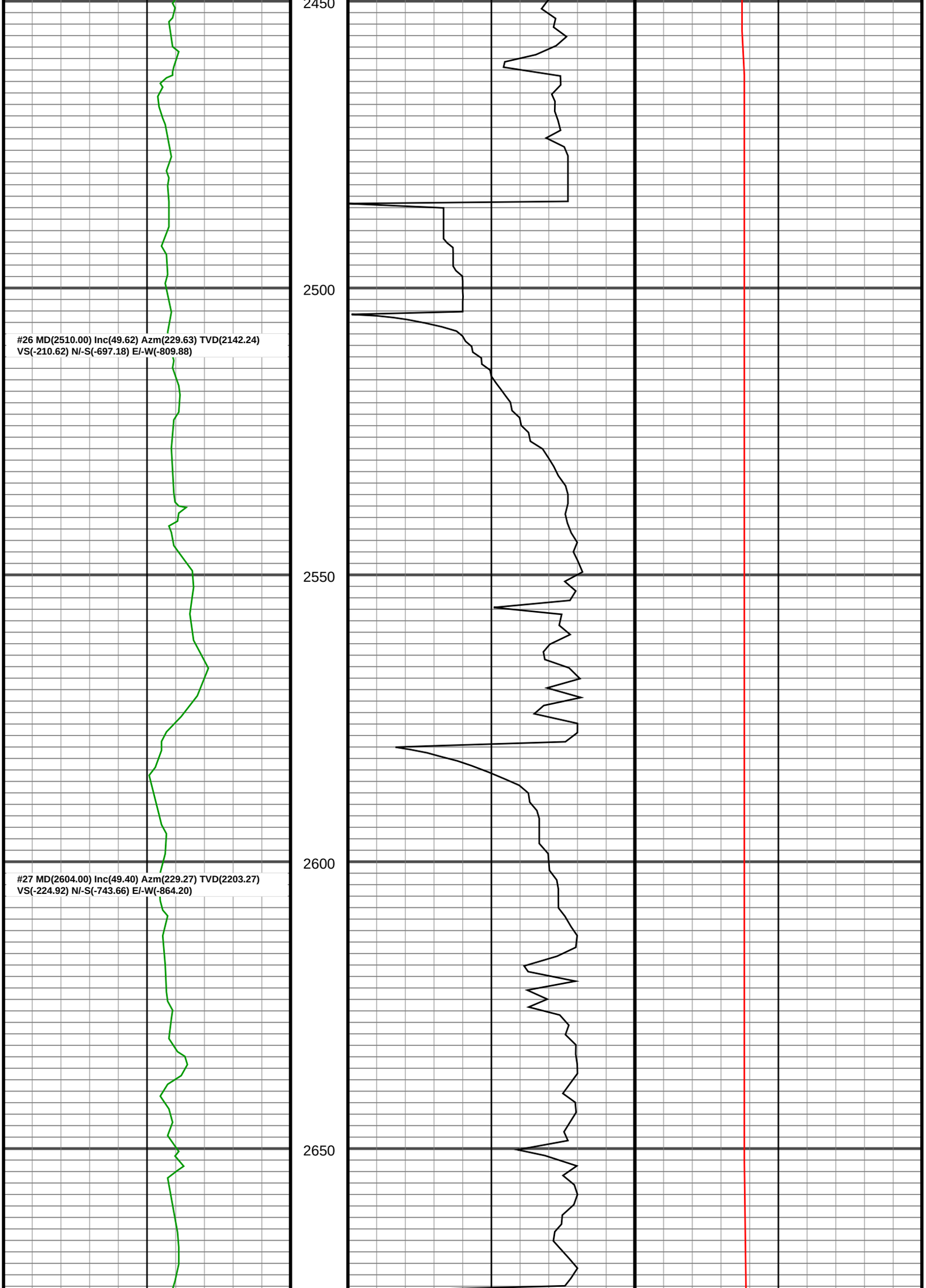
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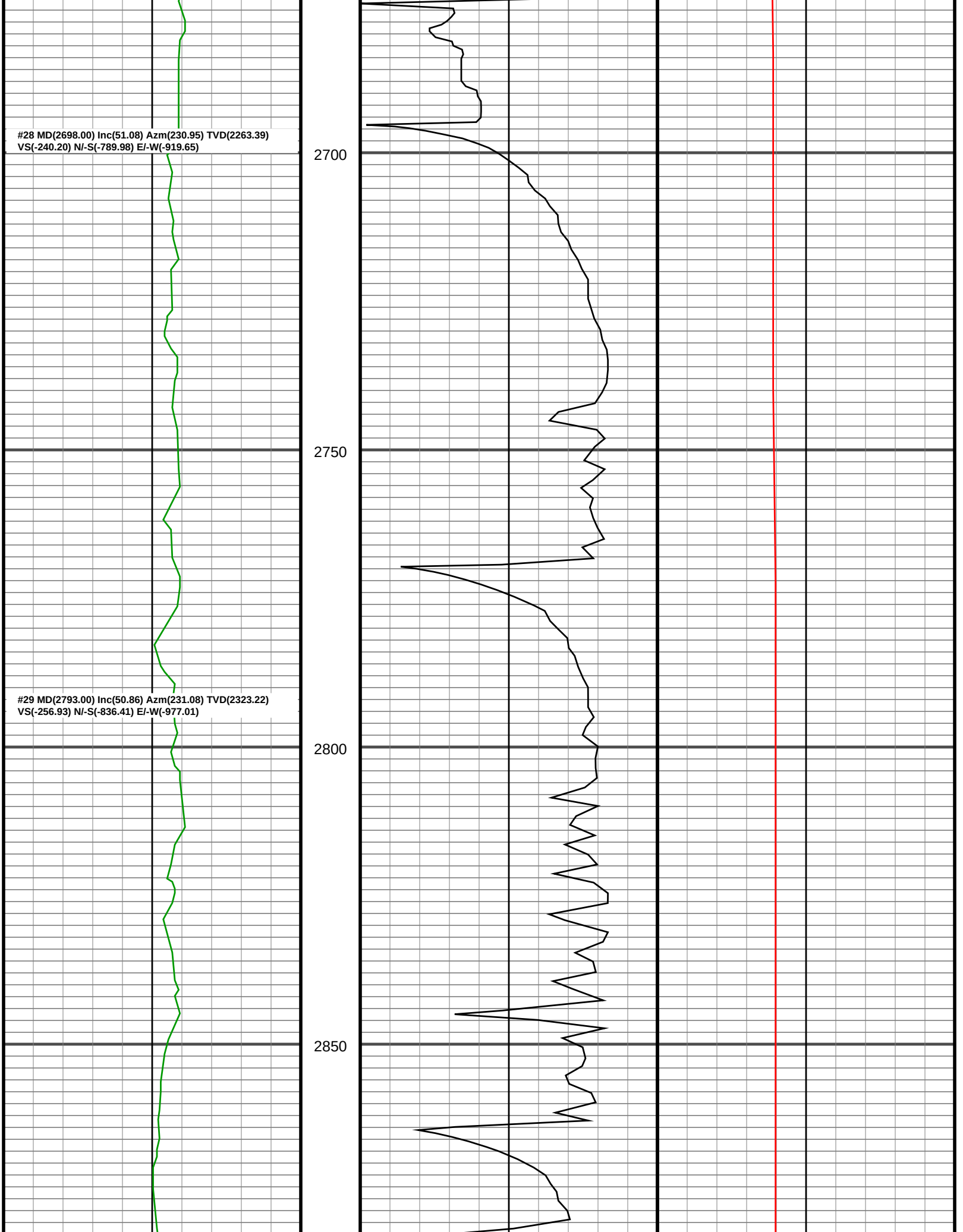
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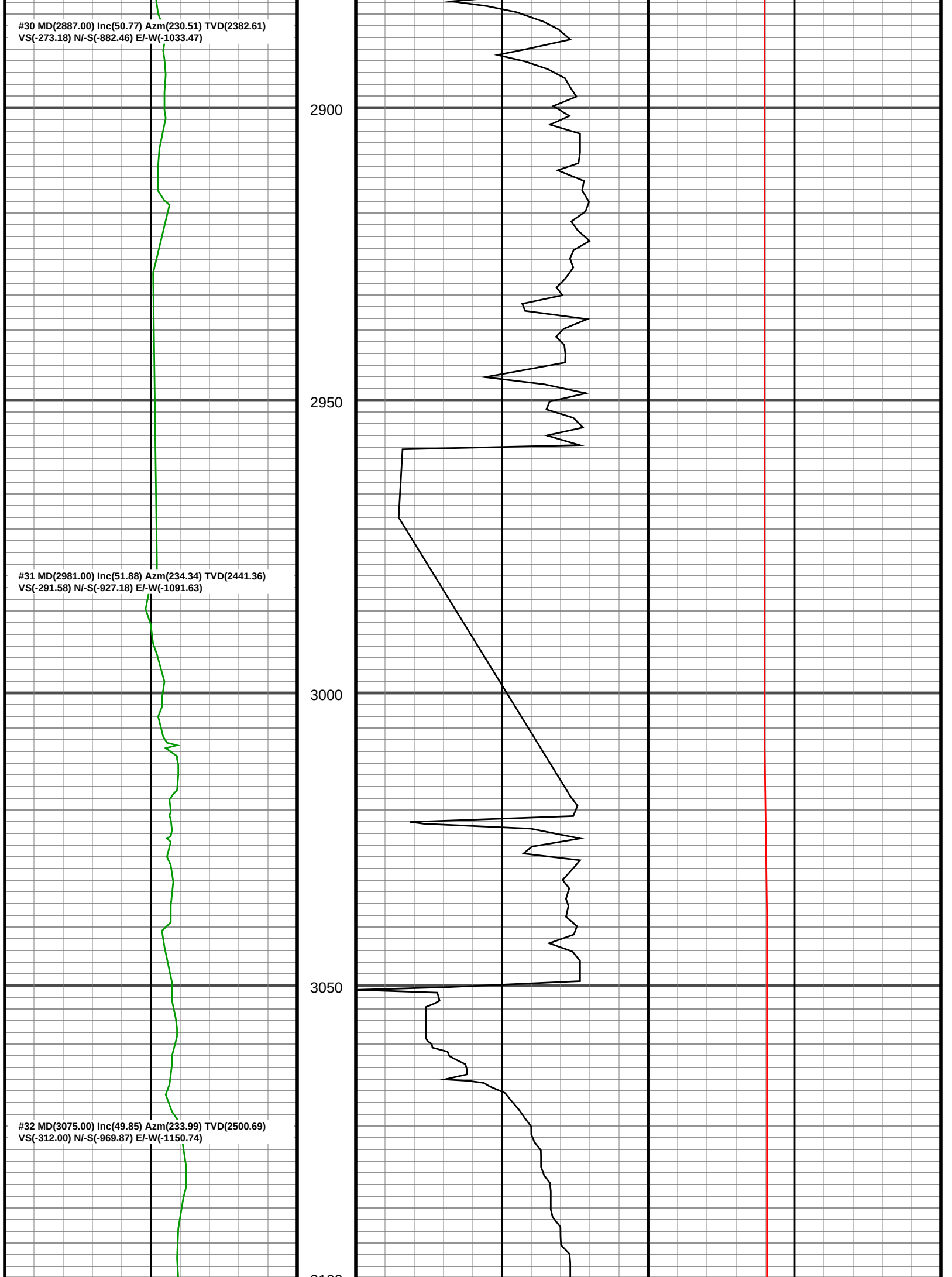
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VS(-291.58) N/-S(-927.18) E/-W(-1091.63)
#32 MD(3075.00) Inc(49.85) Azm(233.99) TVD(2500.69)
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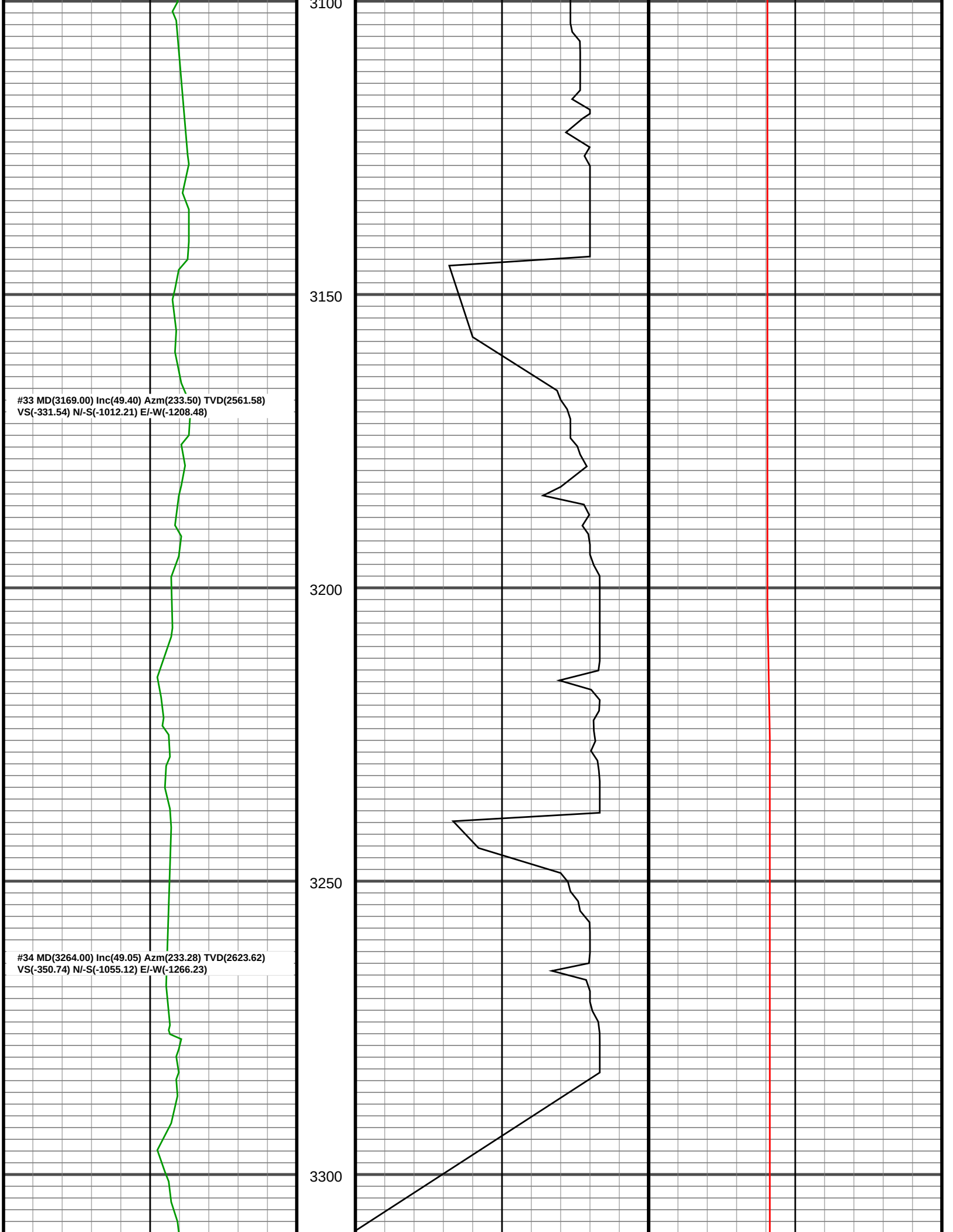
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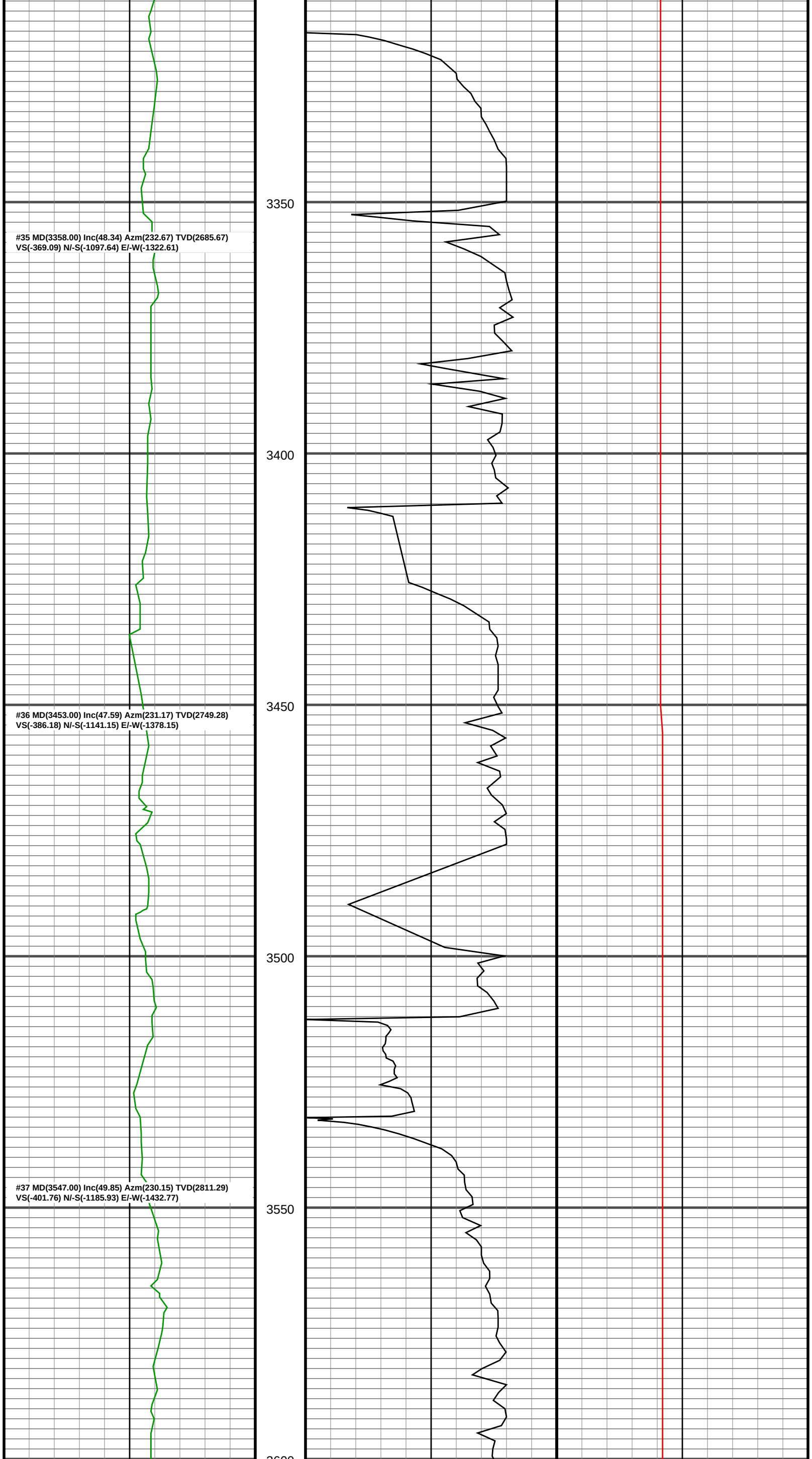
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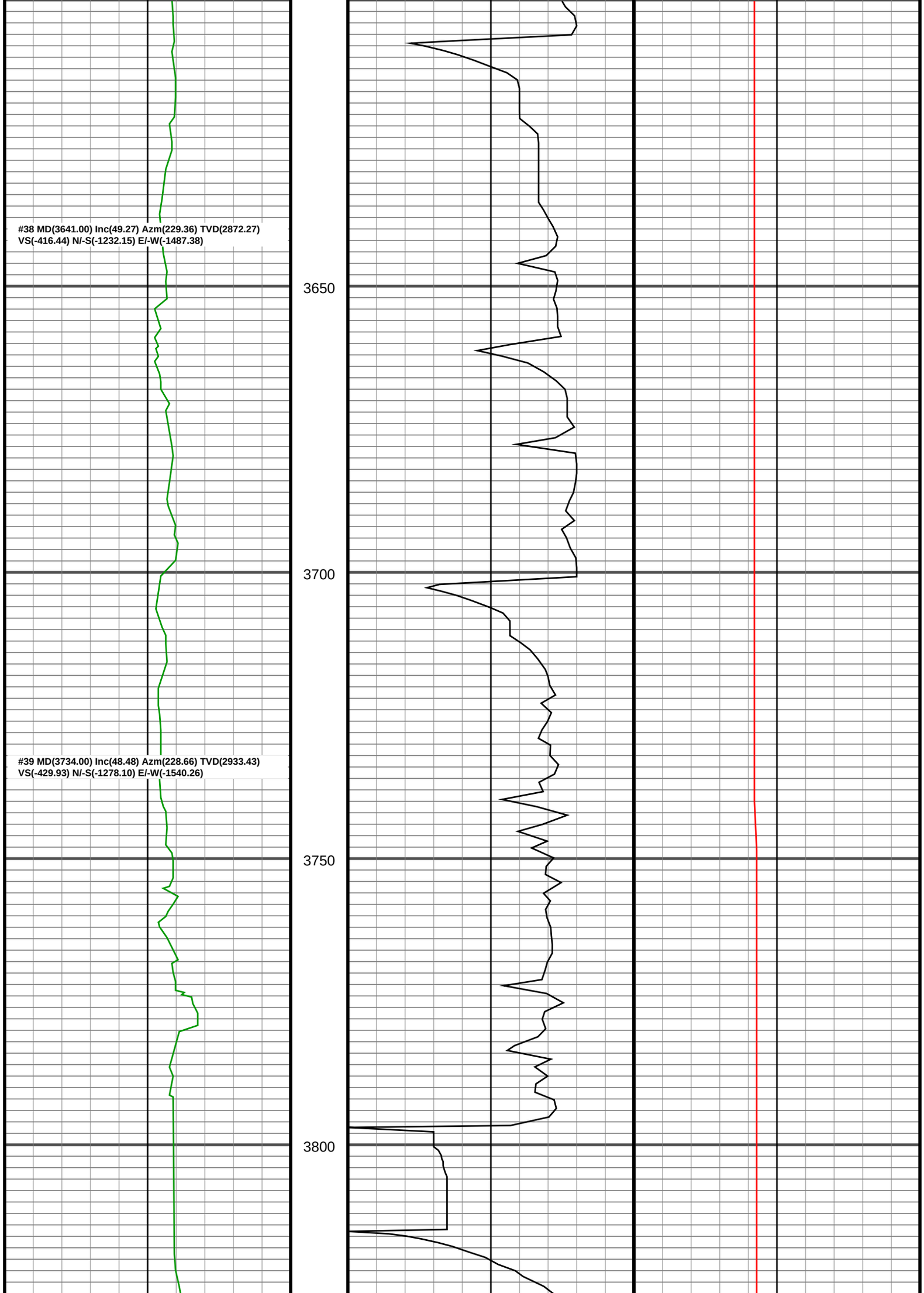
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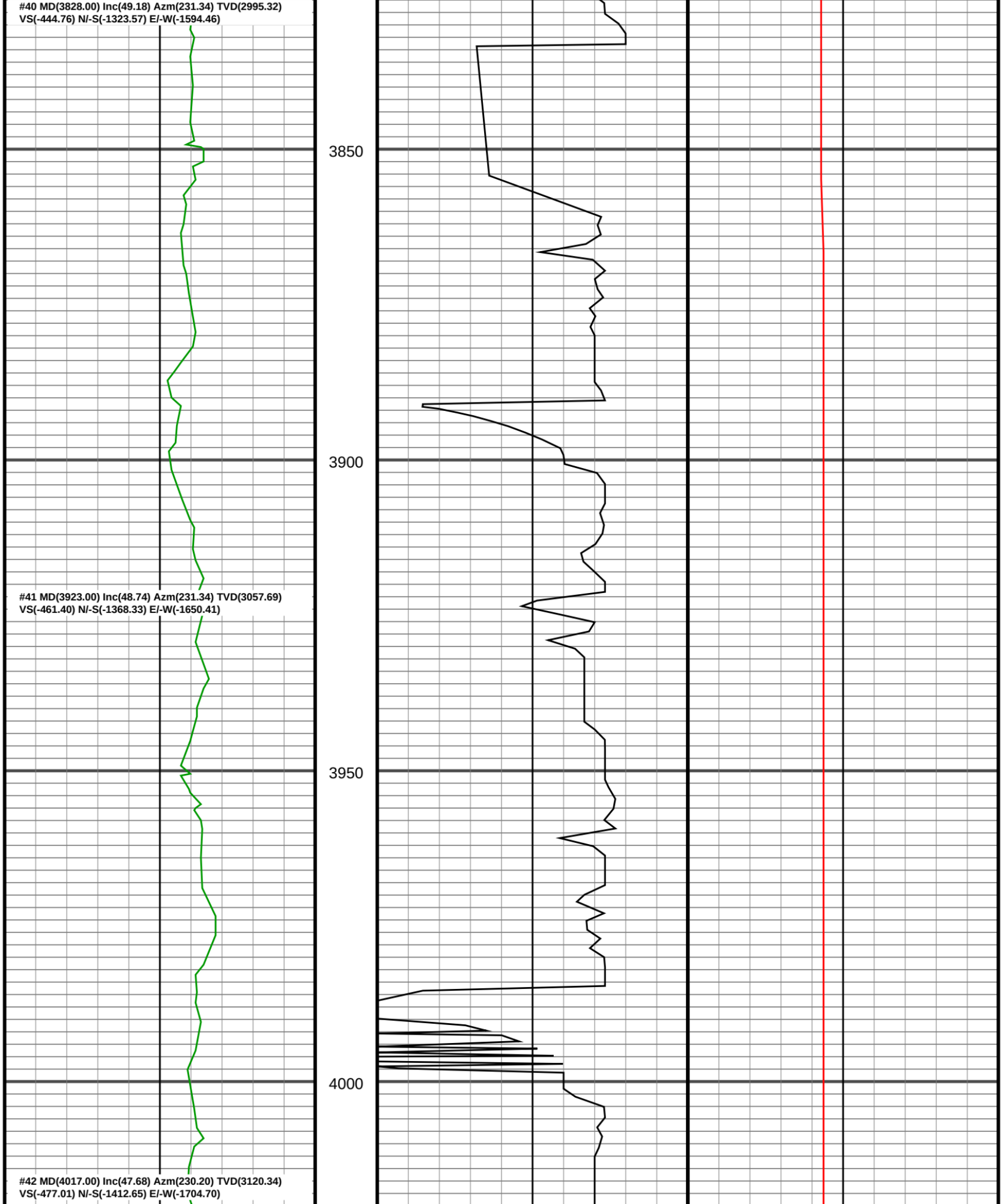
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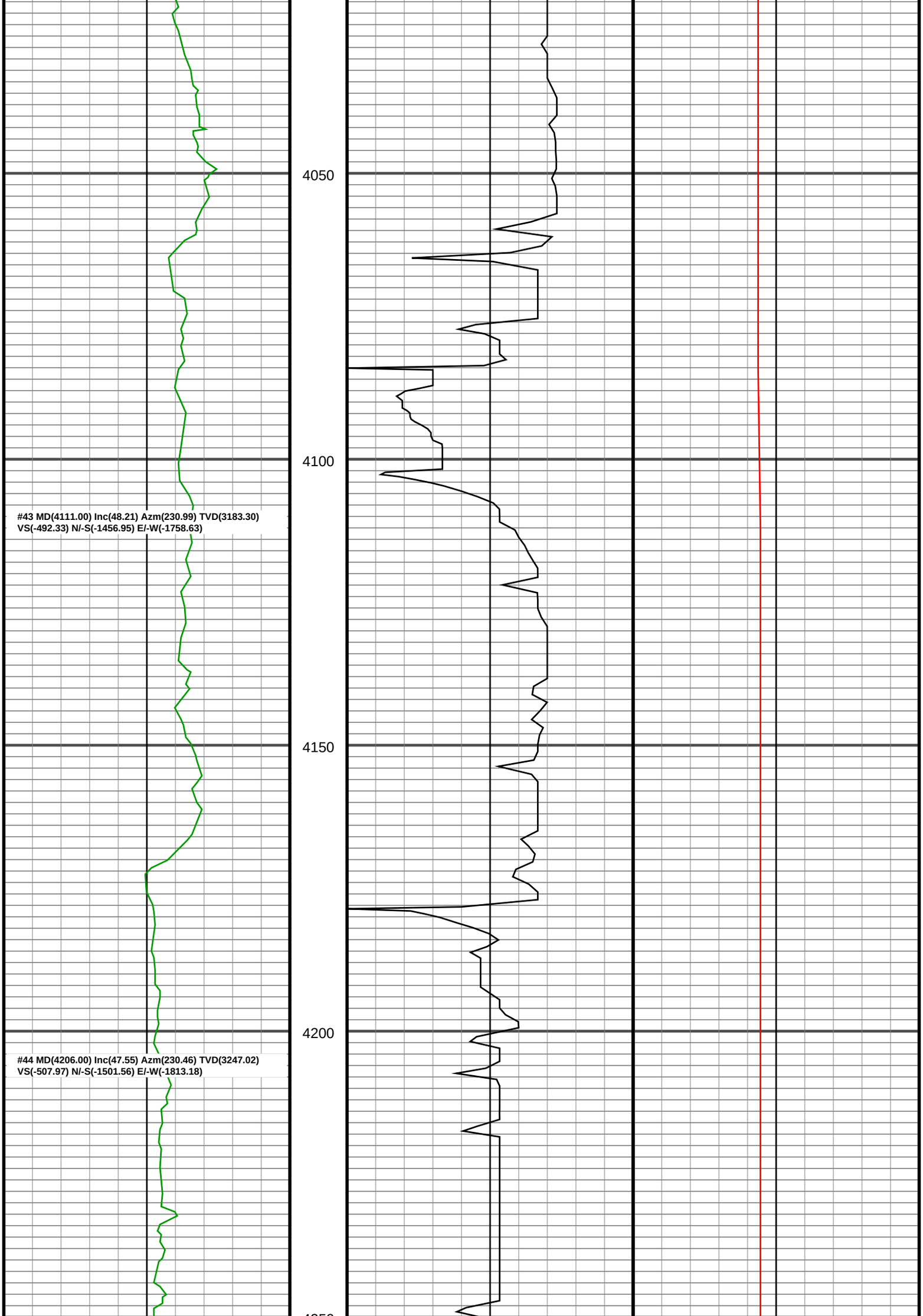
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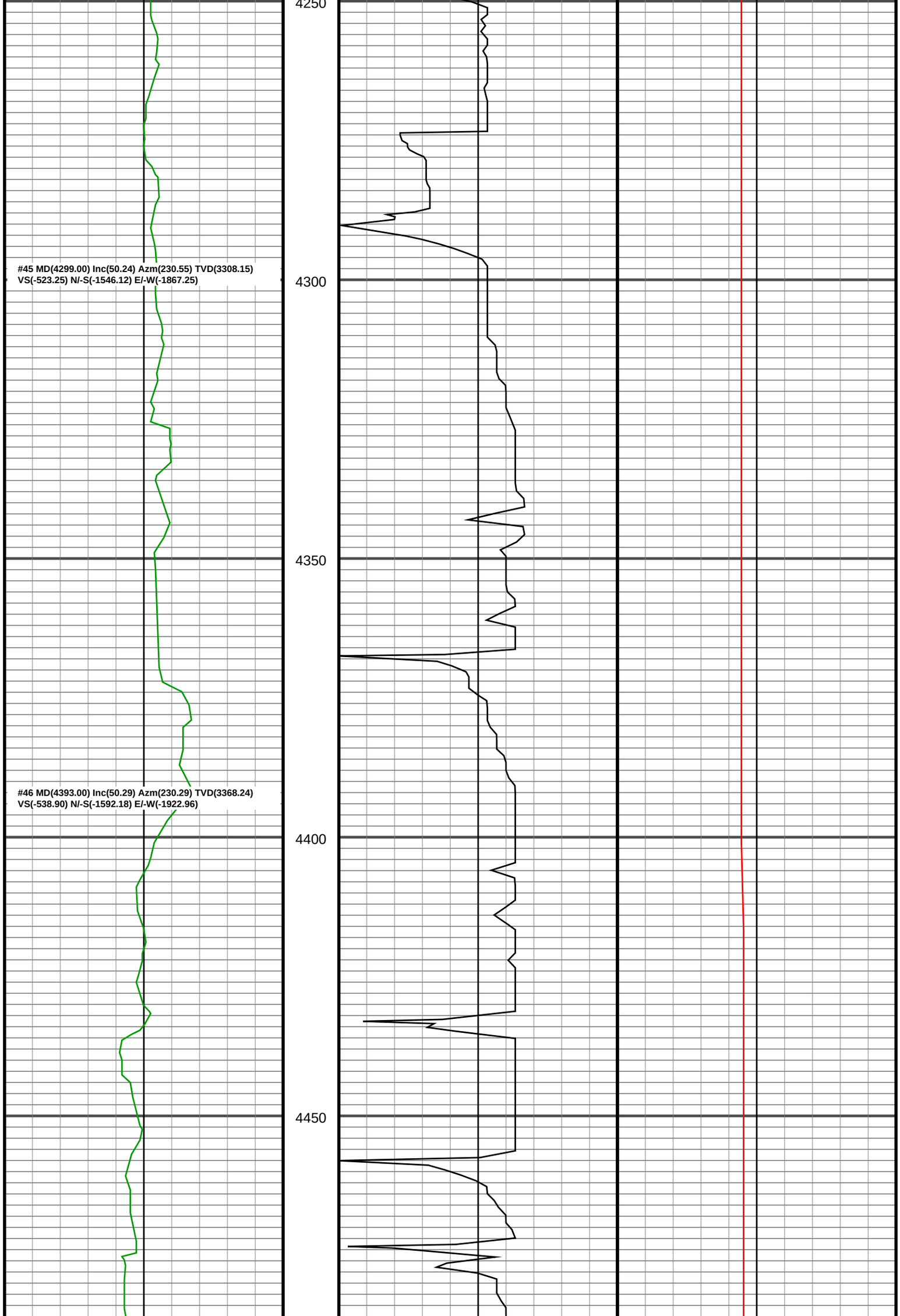
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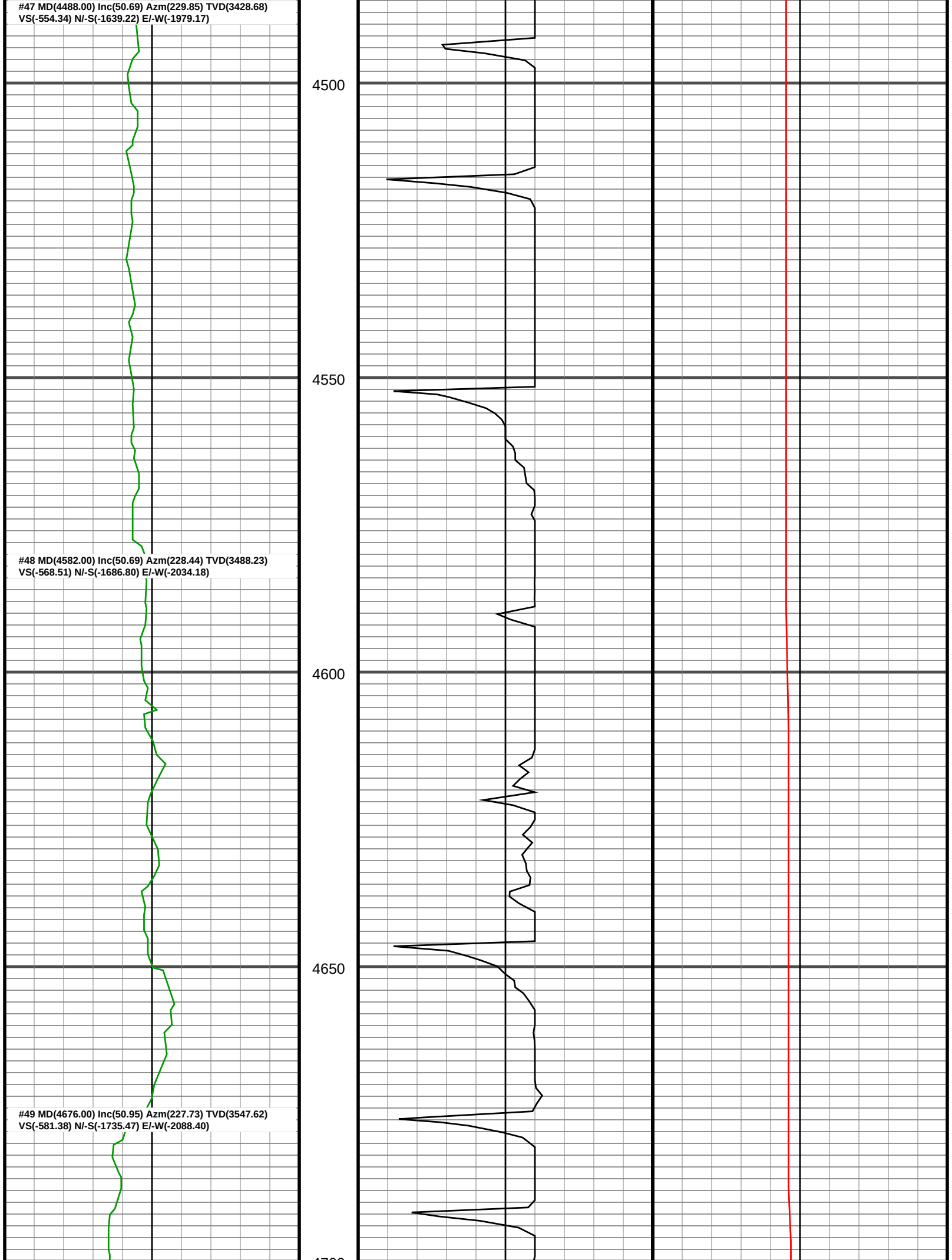
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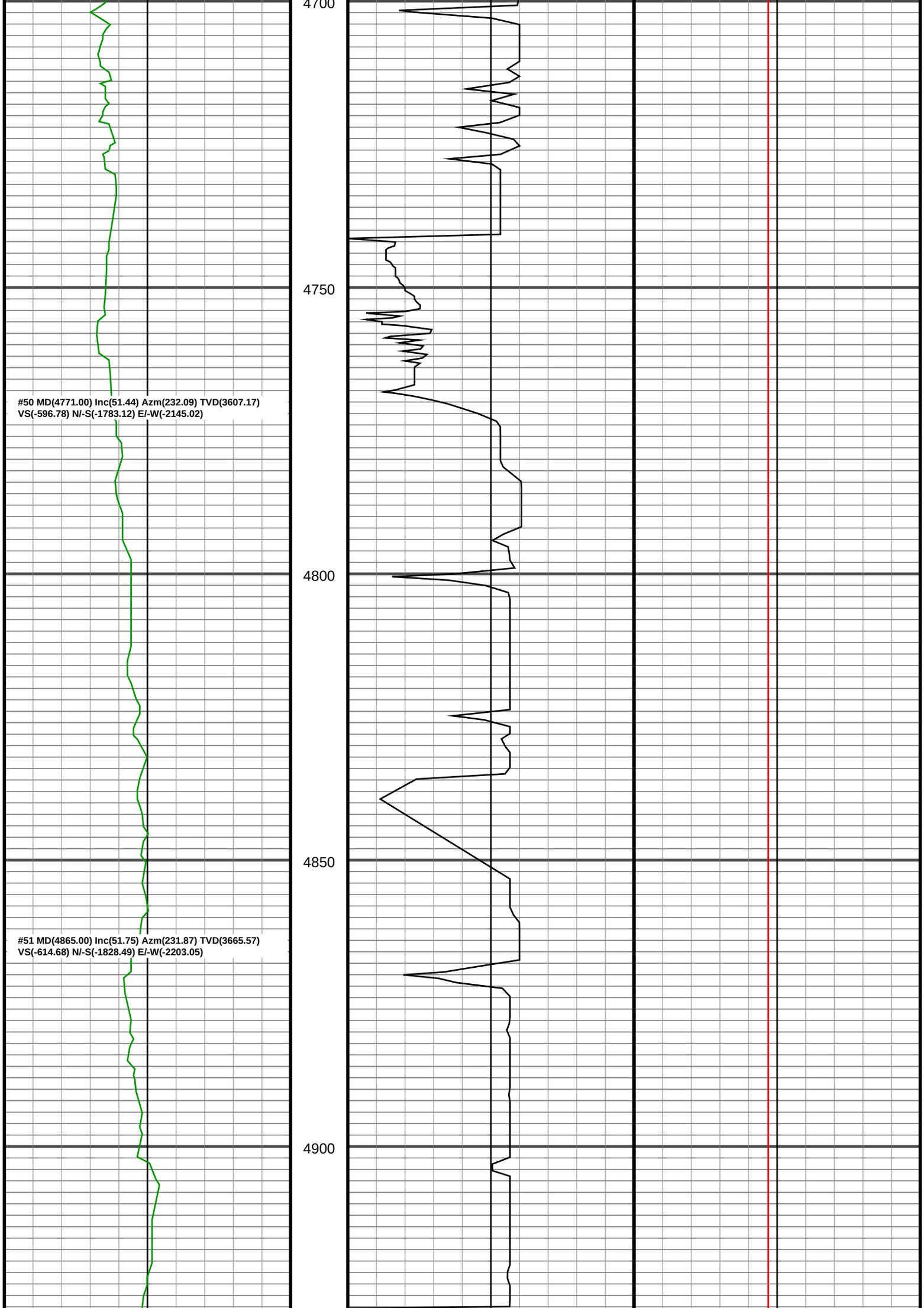
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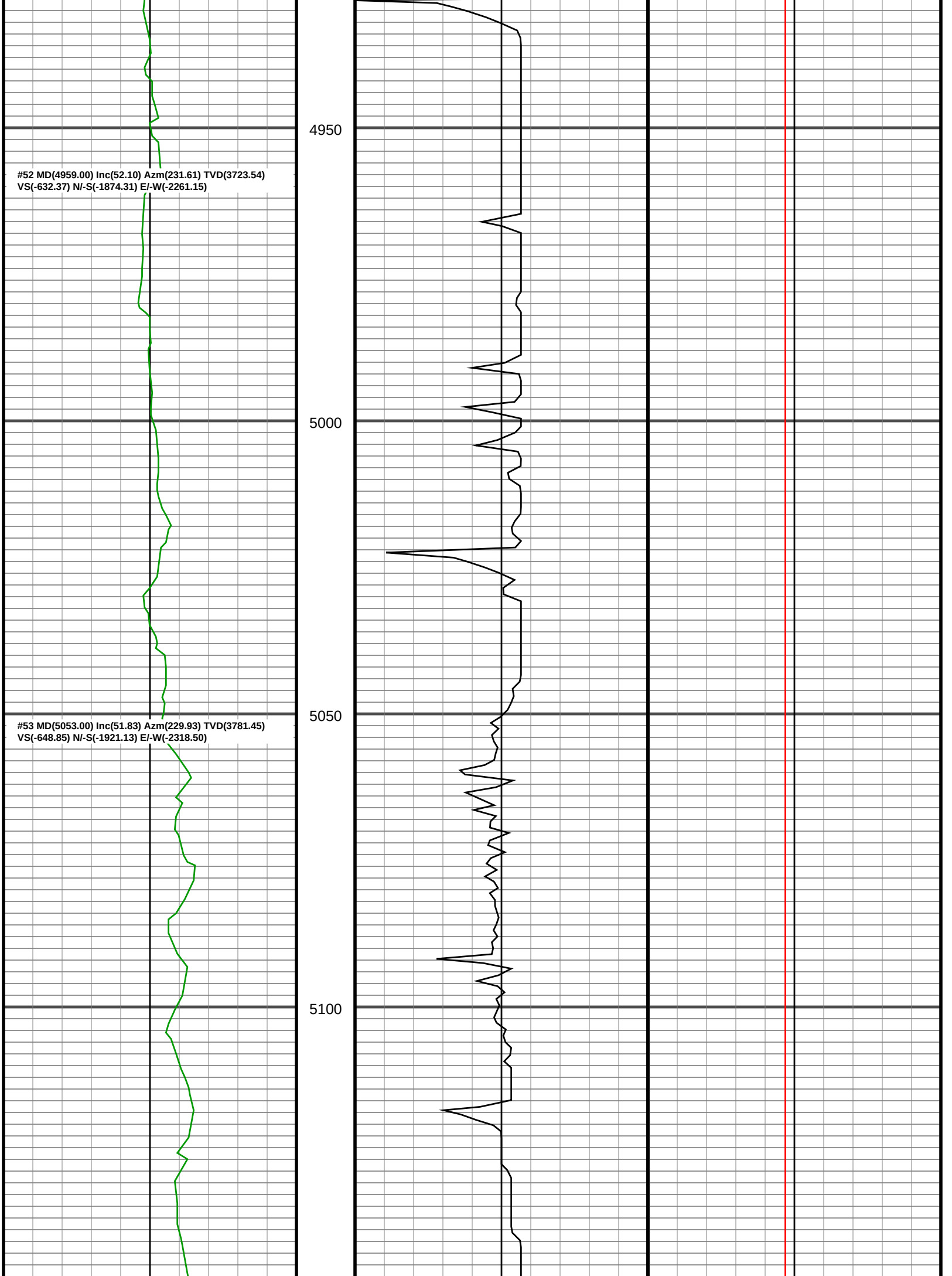
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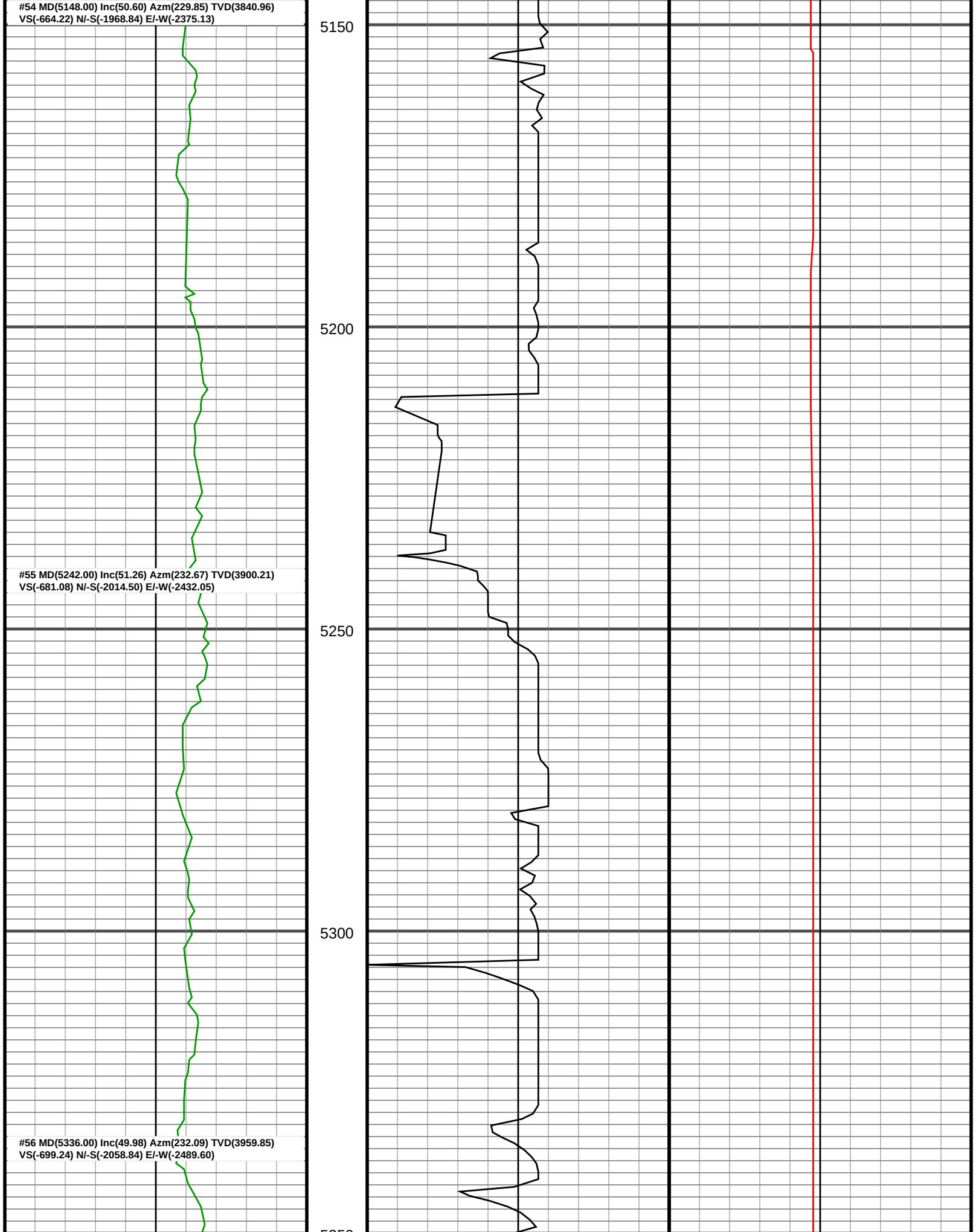
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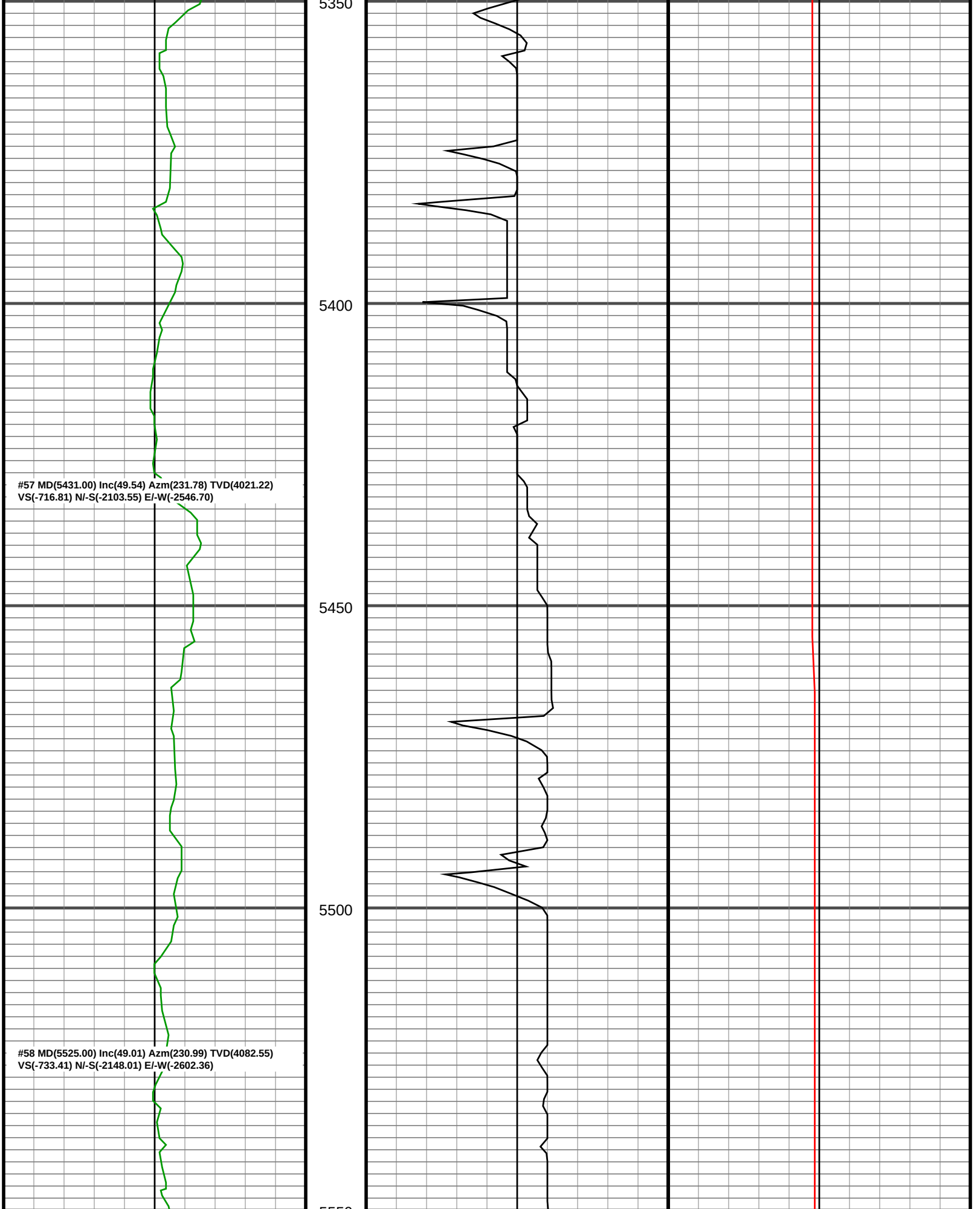
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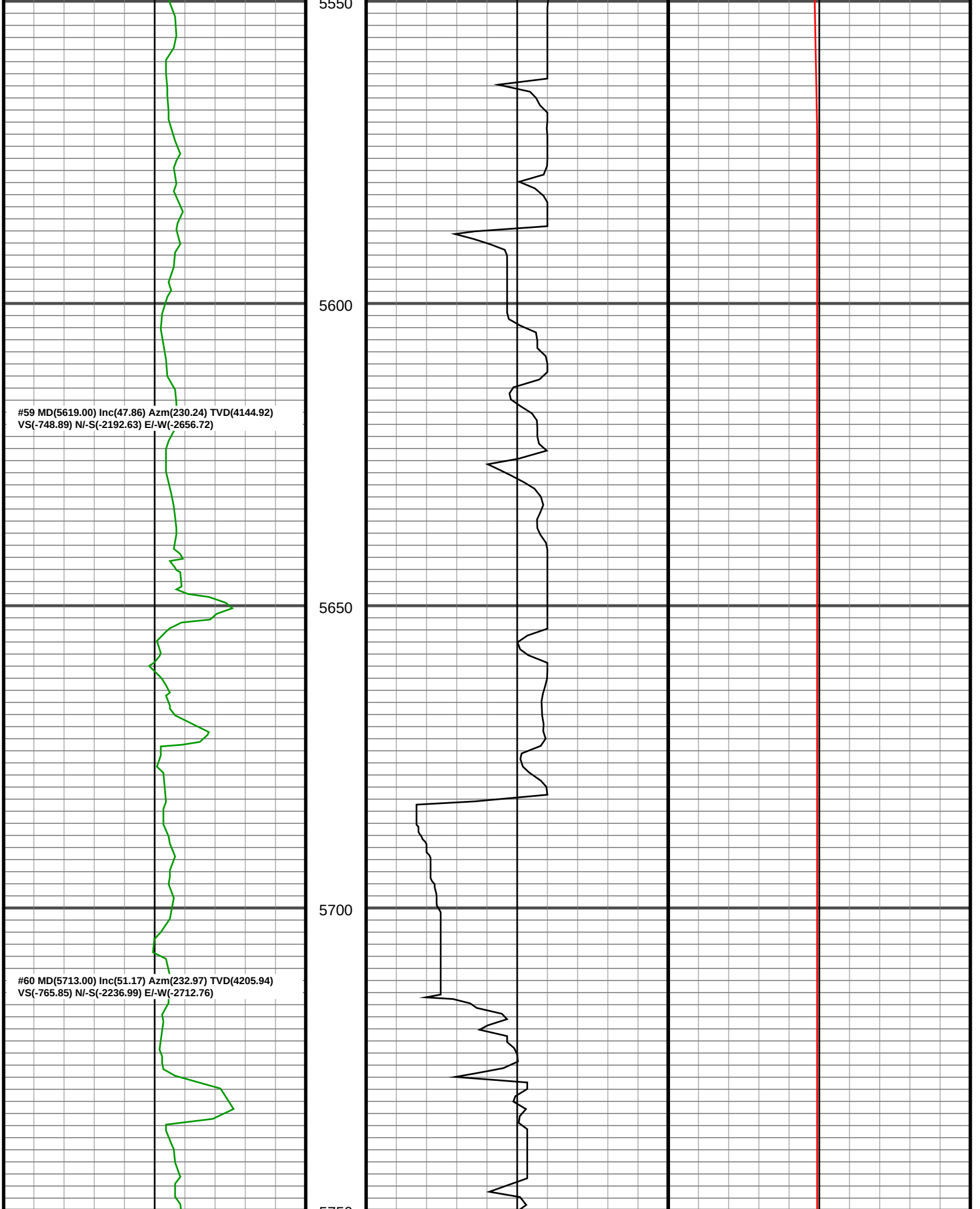
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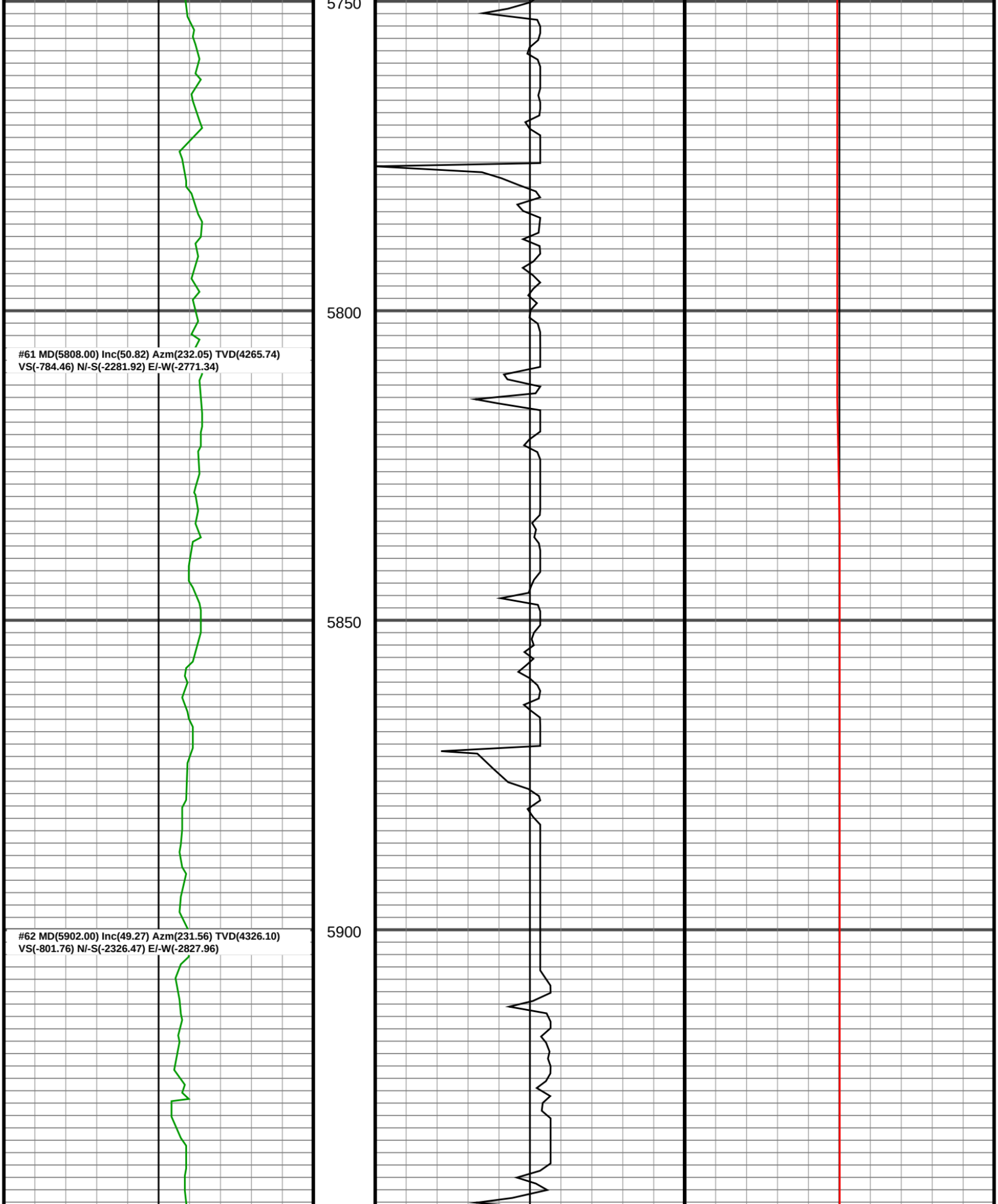
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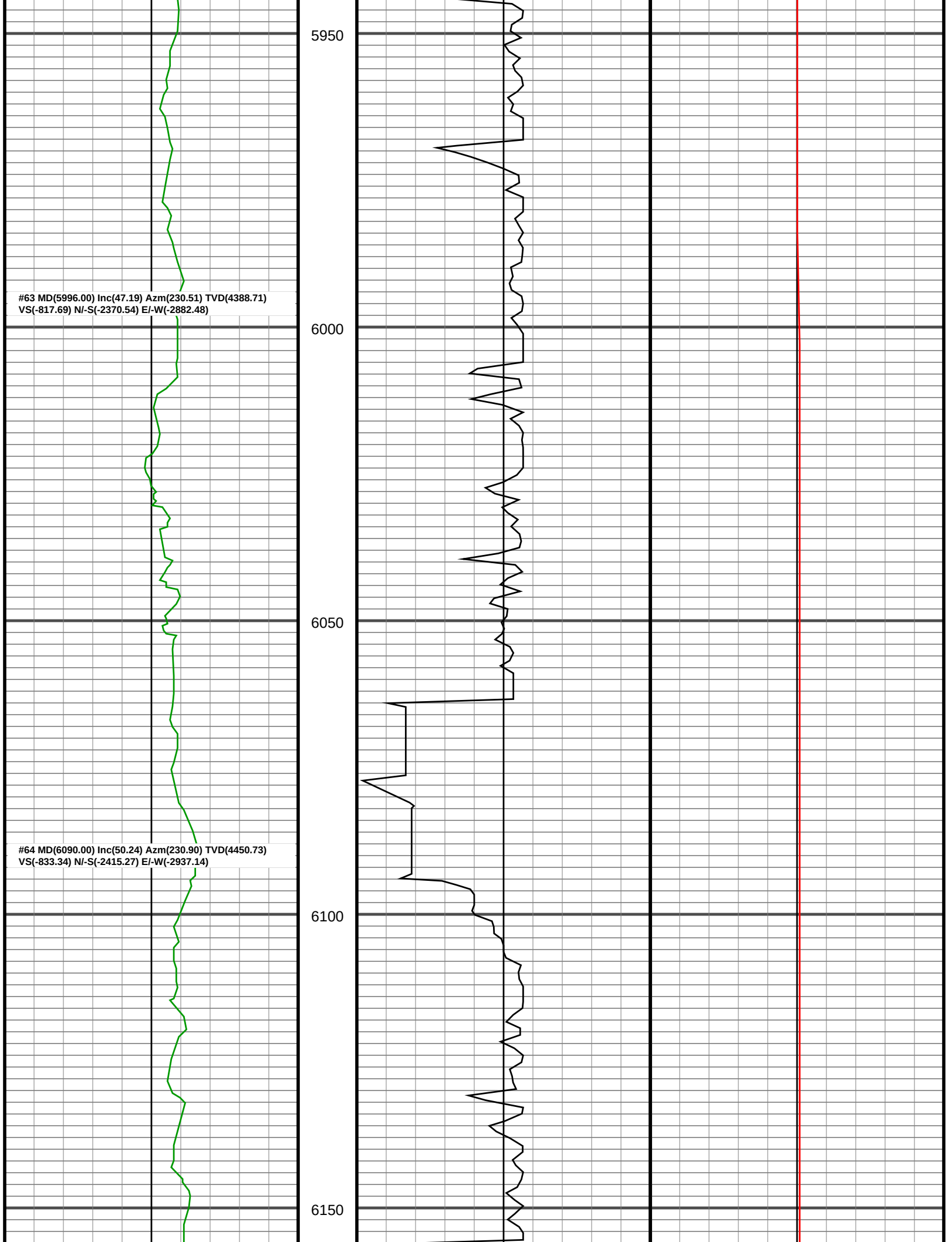
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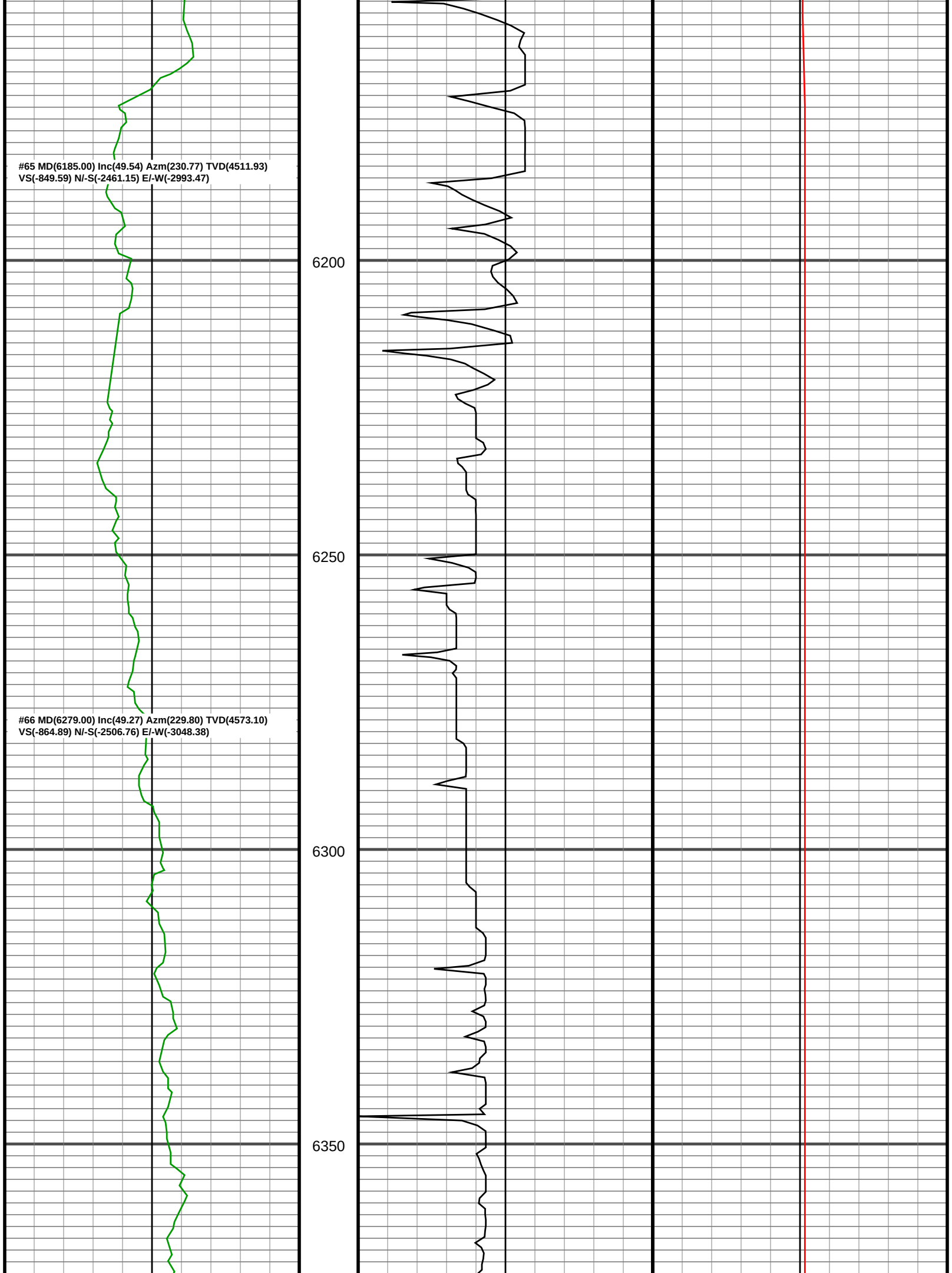
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#66 MD(6279.00) Inc(49.27) Azm(229.80) TVD(4573.10)
VS(-864.89) N/-S(-2506.76) E/-W(-3048.38)
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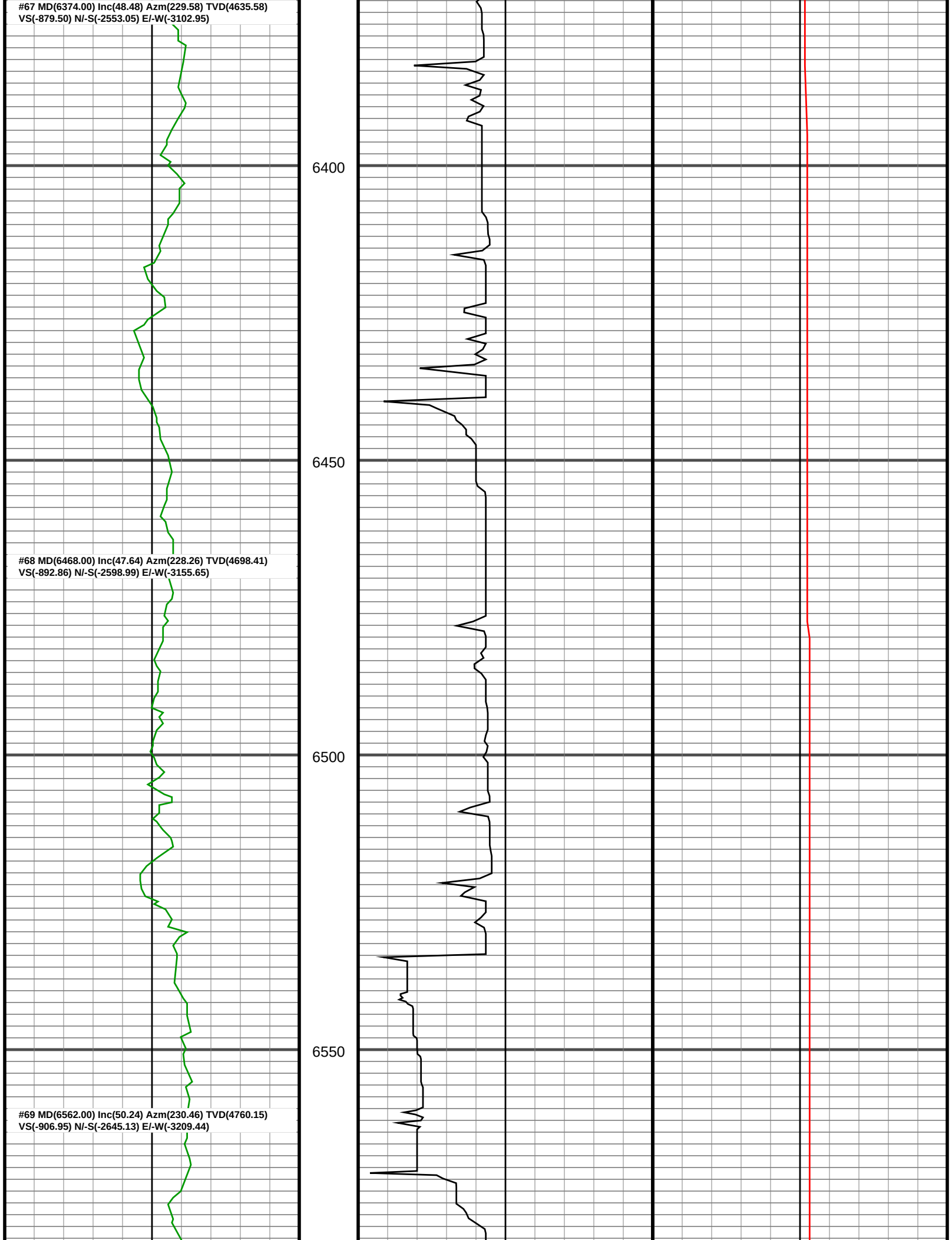
#67 MD(6374.00) Inc(48.48) Azm(229.58) TVD(4635.58)
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#68 MD(6468.00) Inc(47.64) Azm(228.26) TVD(4698.41)
VS(-892.86) N/-S(-2598.99) E/-W(-3155.65)
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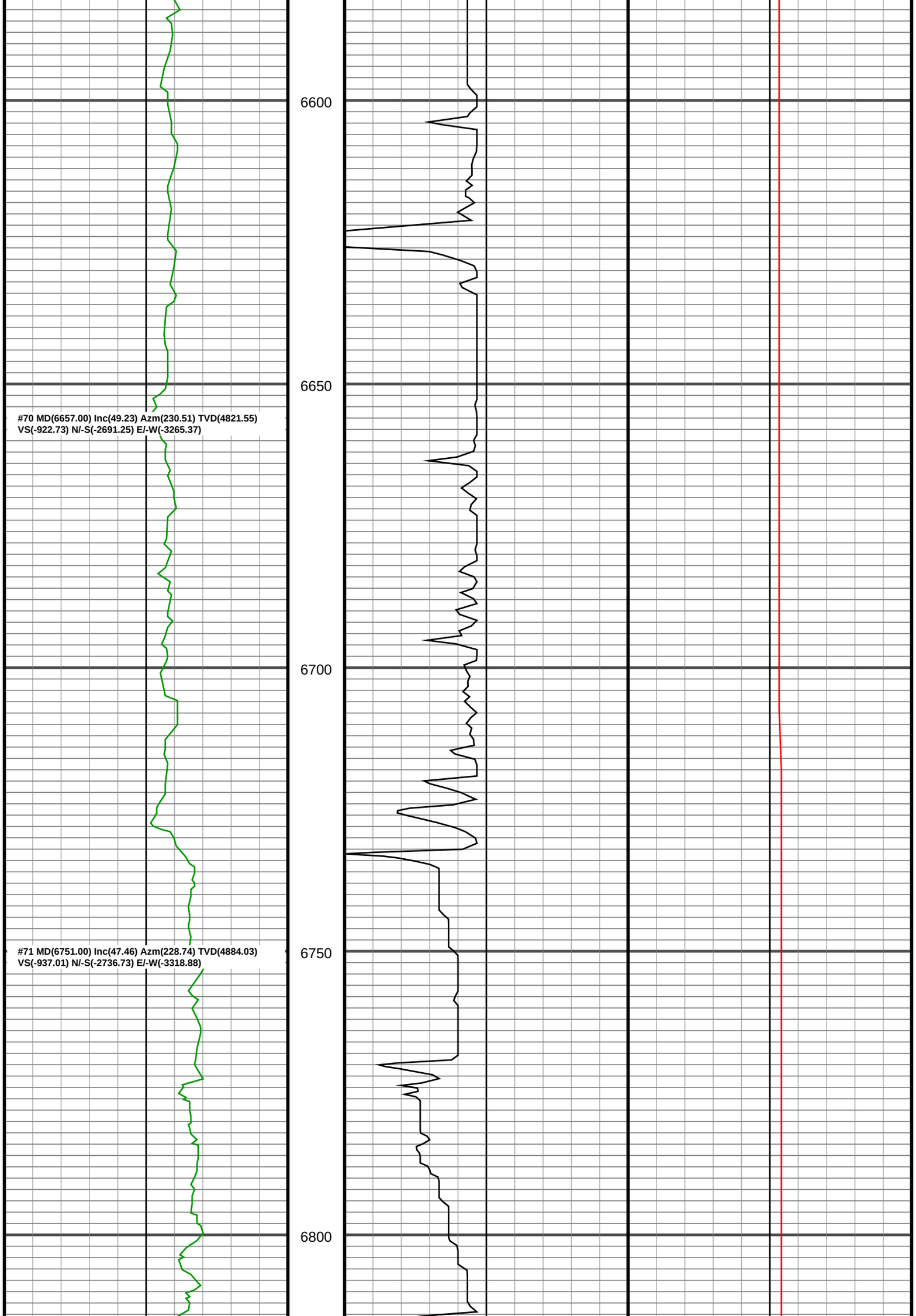
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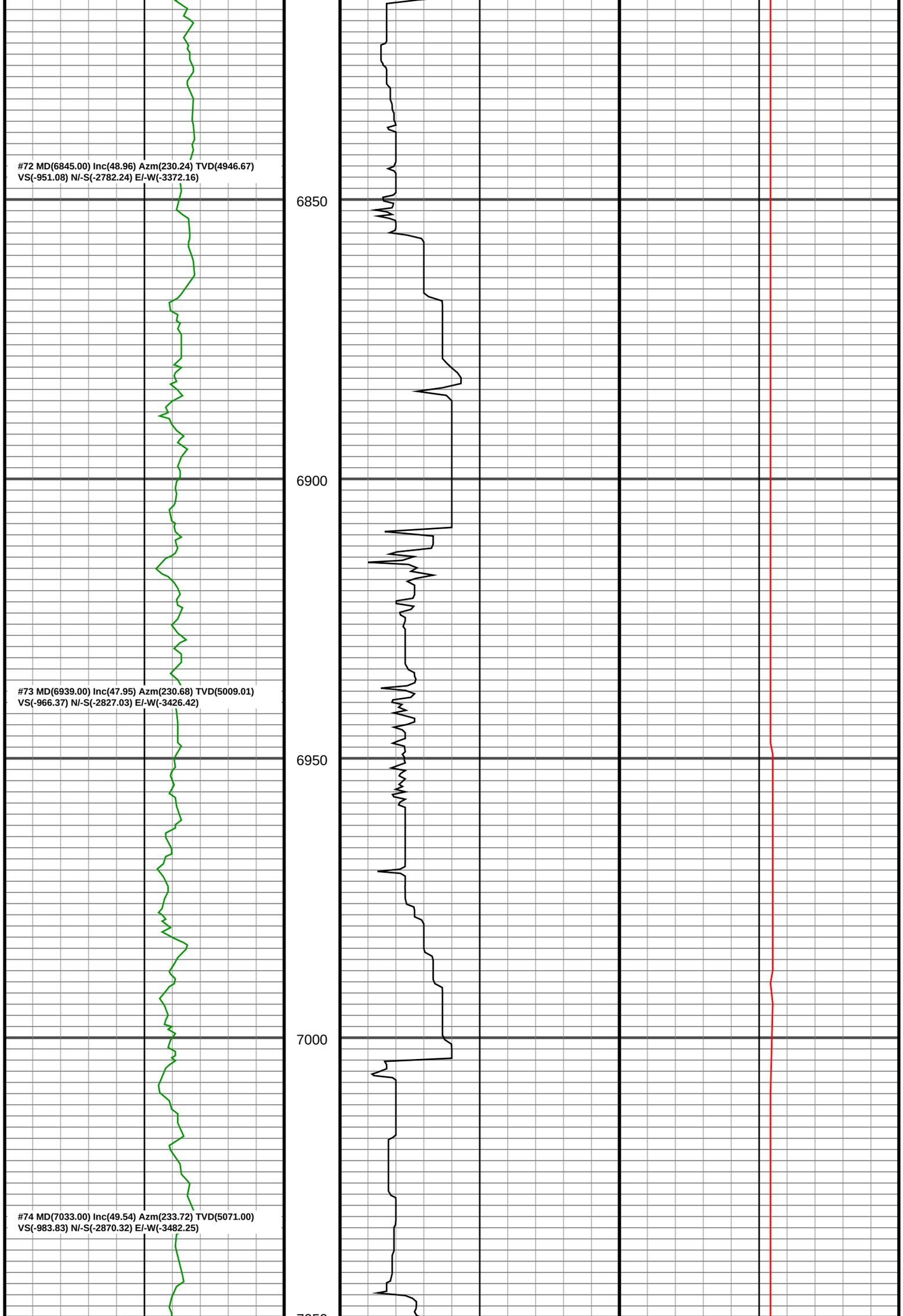
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#73 MD(6939.00) Inc(47.95) Azm(230.68) TVD(5009.01)
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7000
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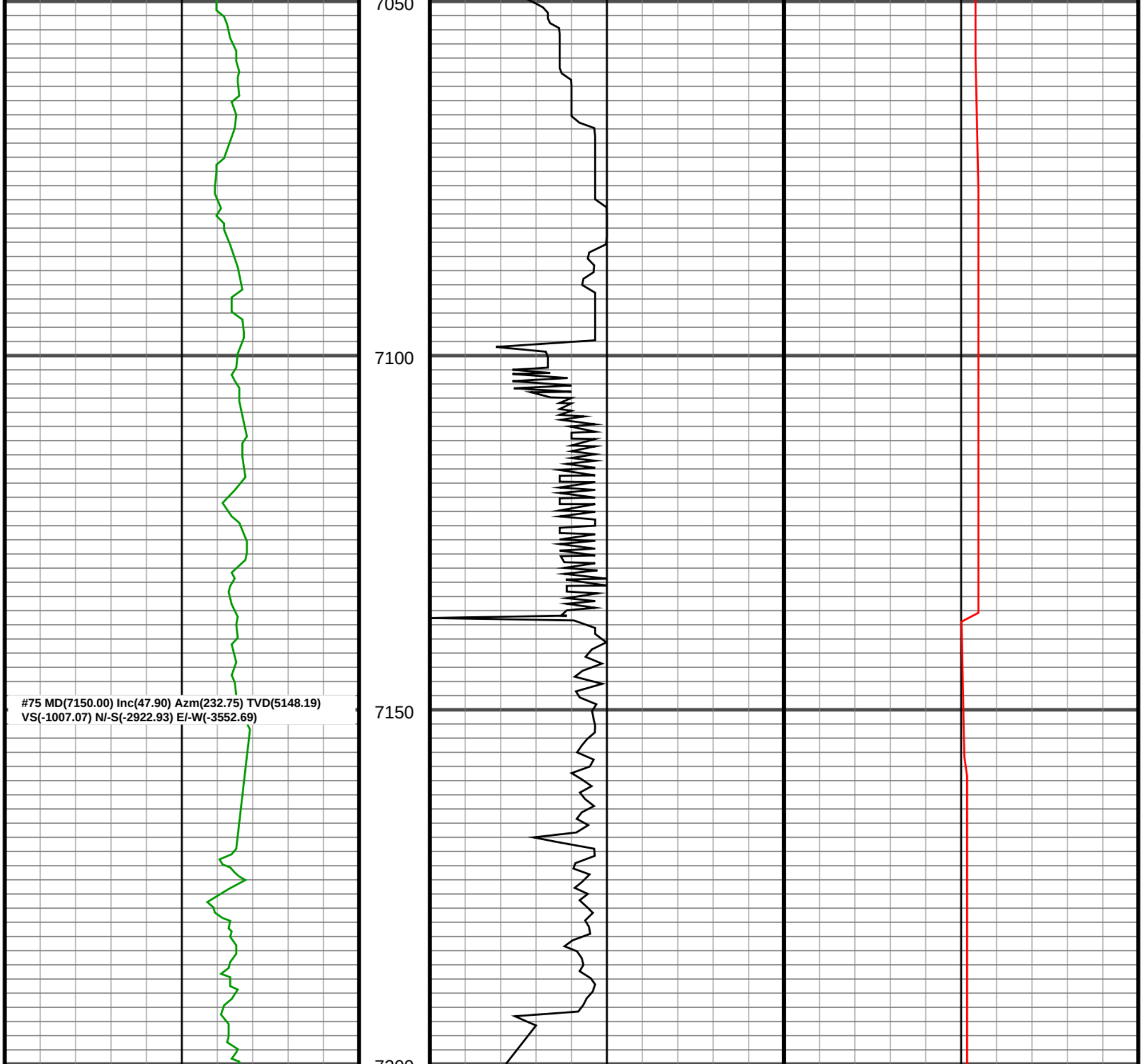
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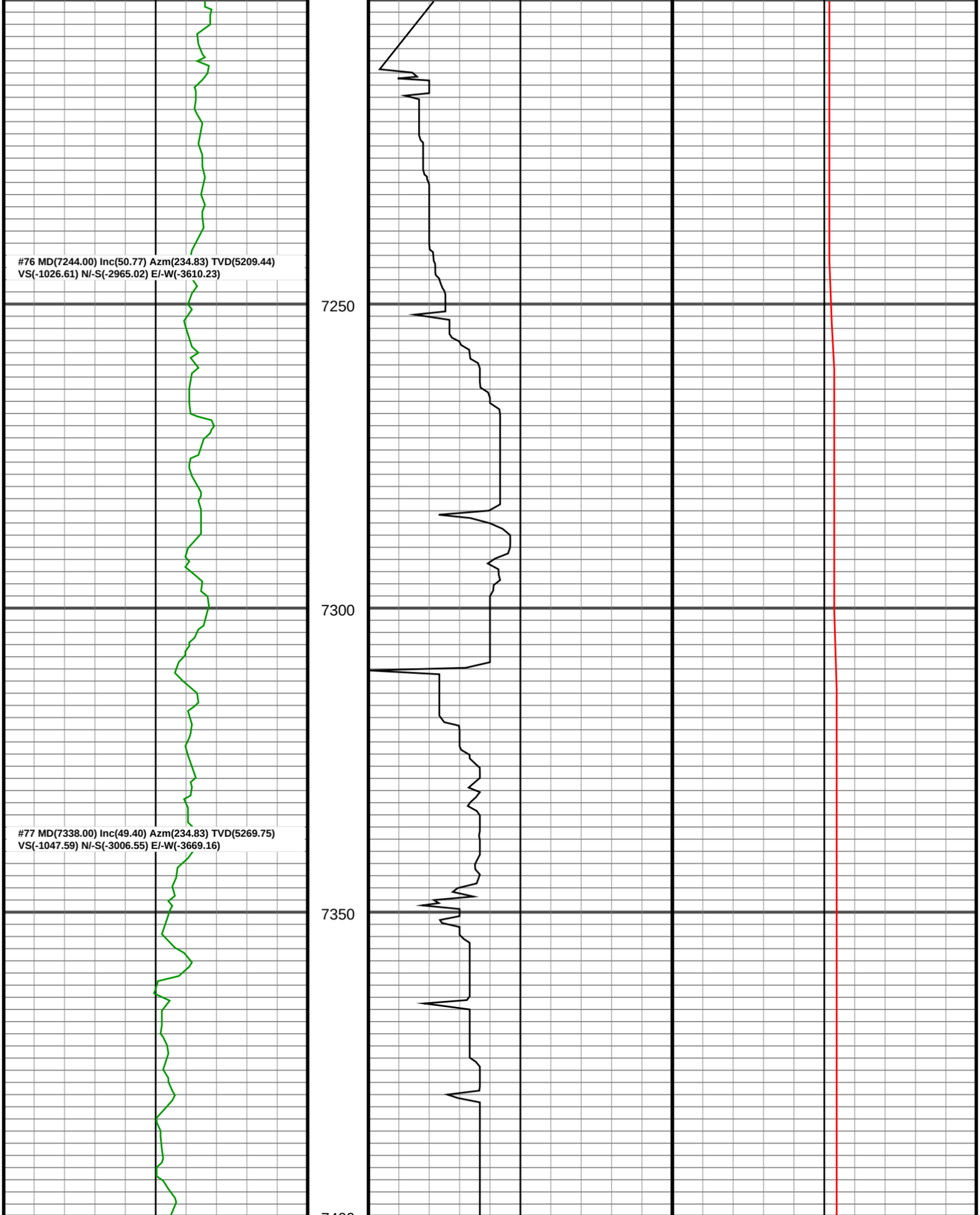
#76 MD(7244.00) Inc(50.77) Azm(234.83) TVD(5209.44)
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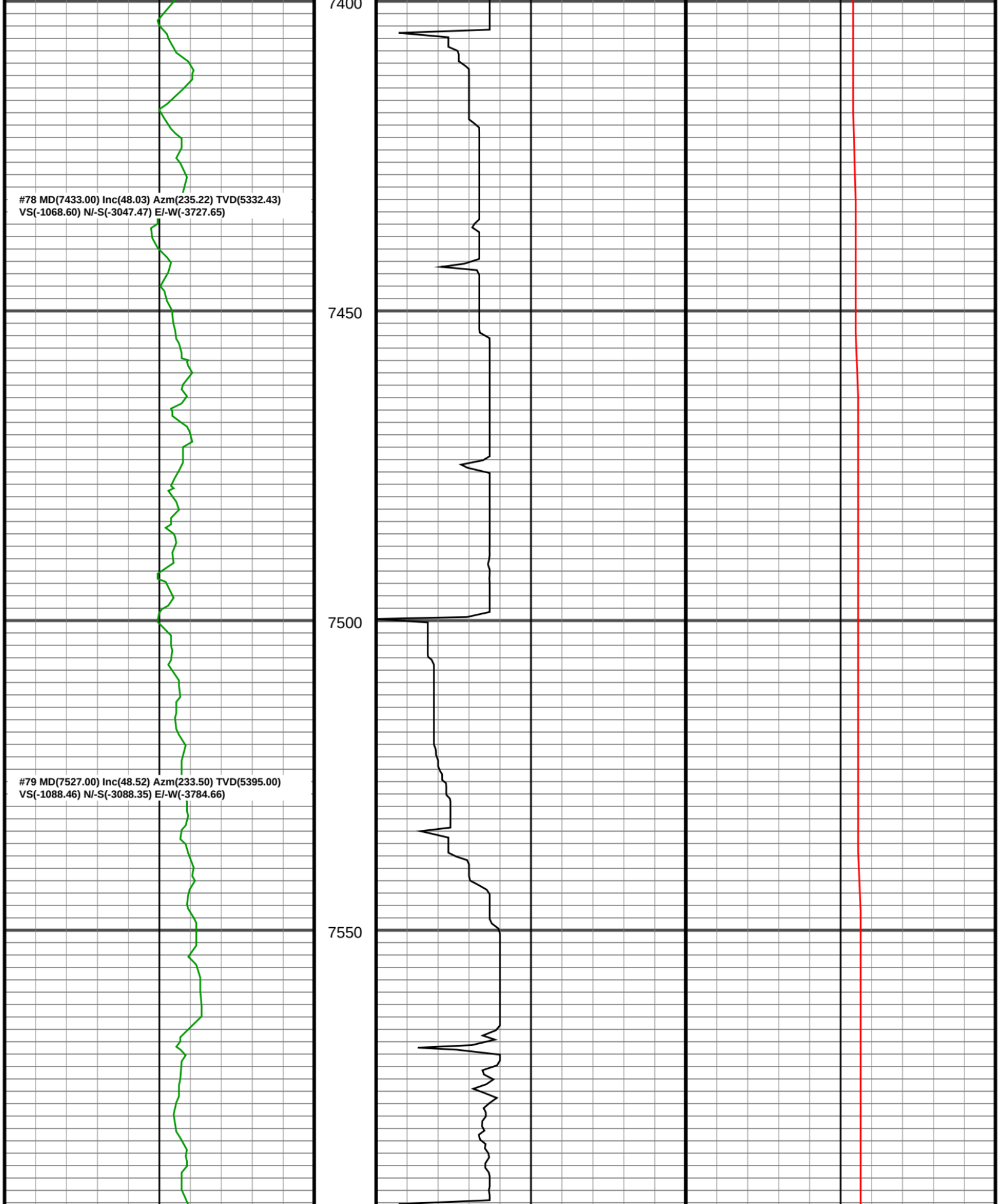
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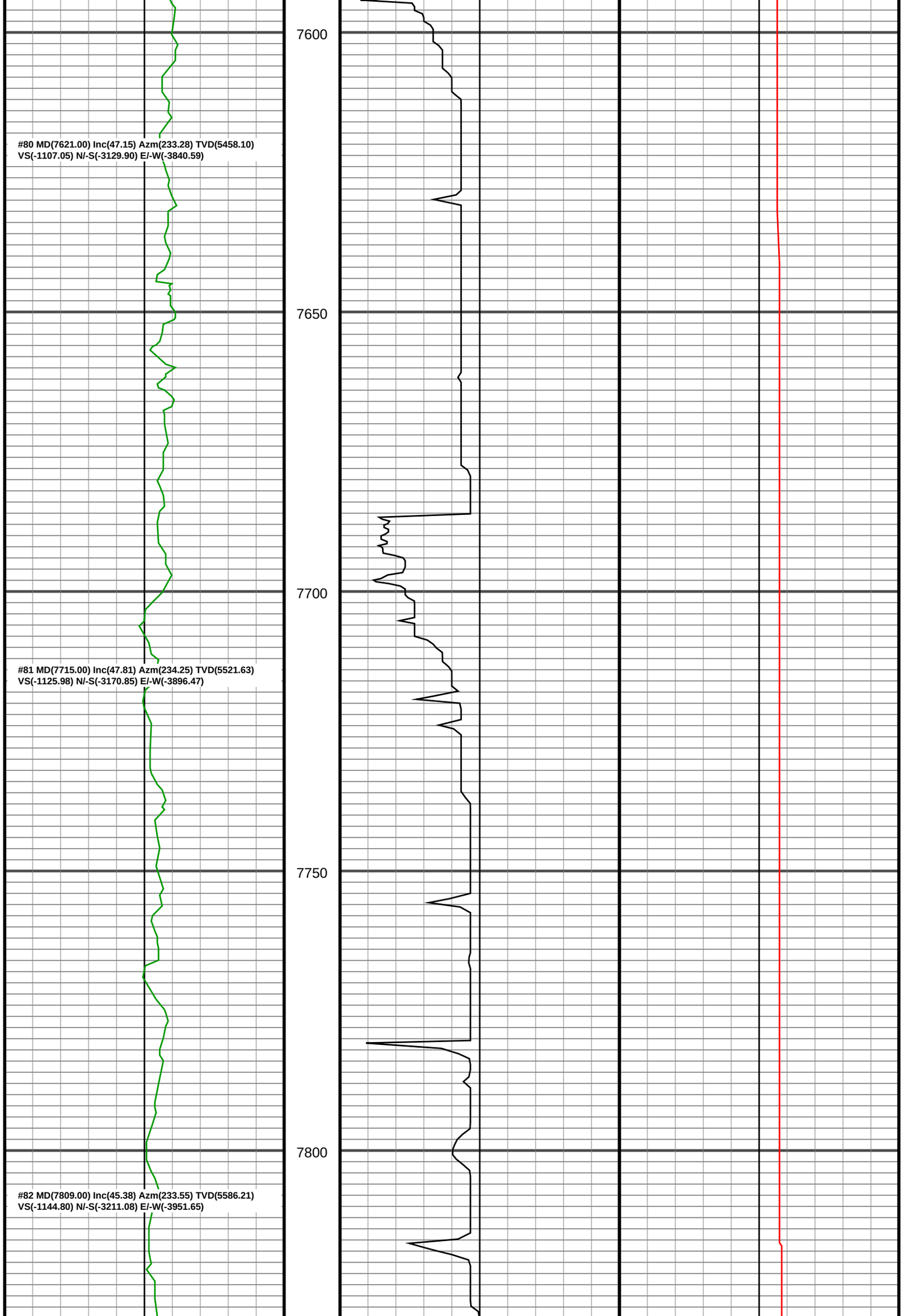
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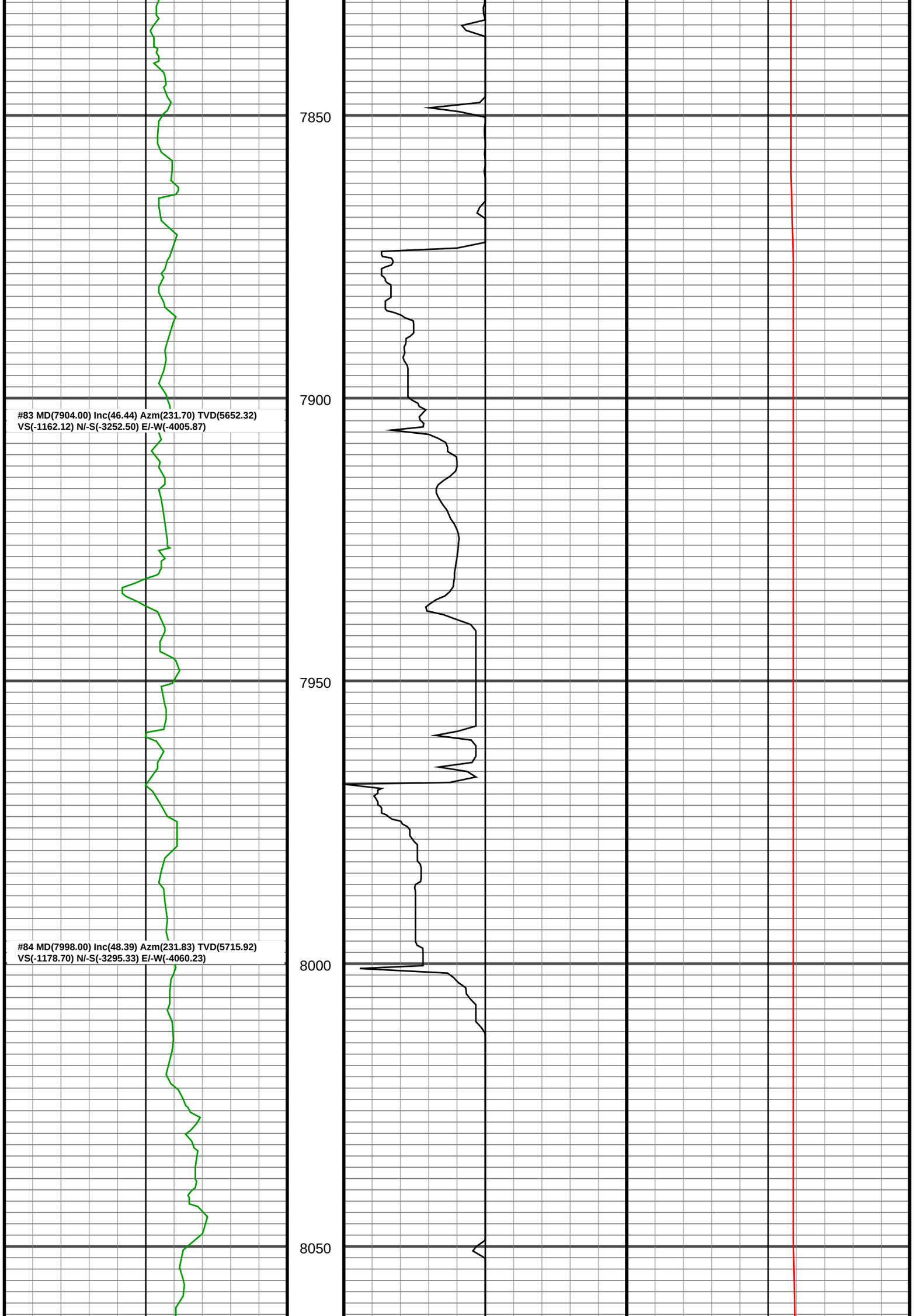
#81 MD(7715.00) Inc(47.81) Azm(234.25) TVD(5521.63)
VS(-1125.98) N/-S(-3170.85) E/-W(-3896.47)
#82 MD(7809.00) Inc(45.38) Azm(233.55) TVD(5586.21)
VS(-1144.80) N/-S(-3211.08) E/-W(-3951.65)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#84 MD(7998.00) Inc(48.39) Azm(231.83) TVD(5715.92)
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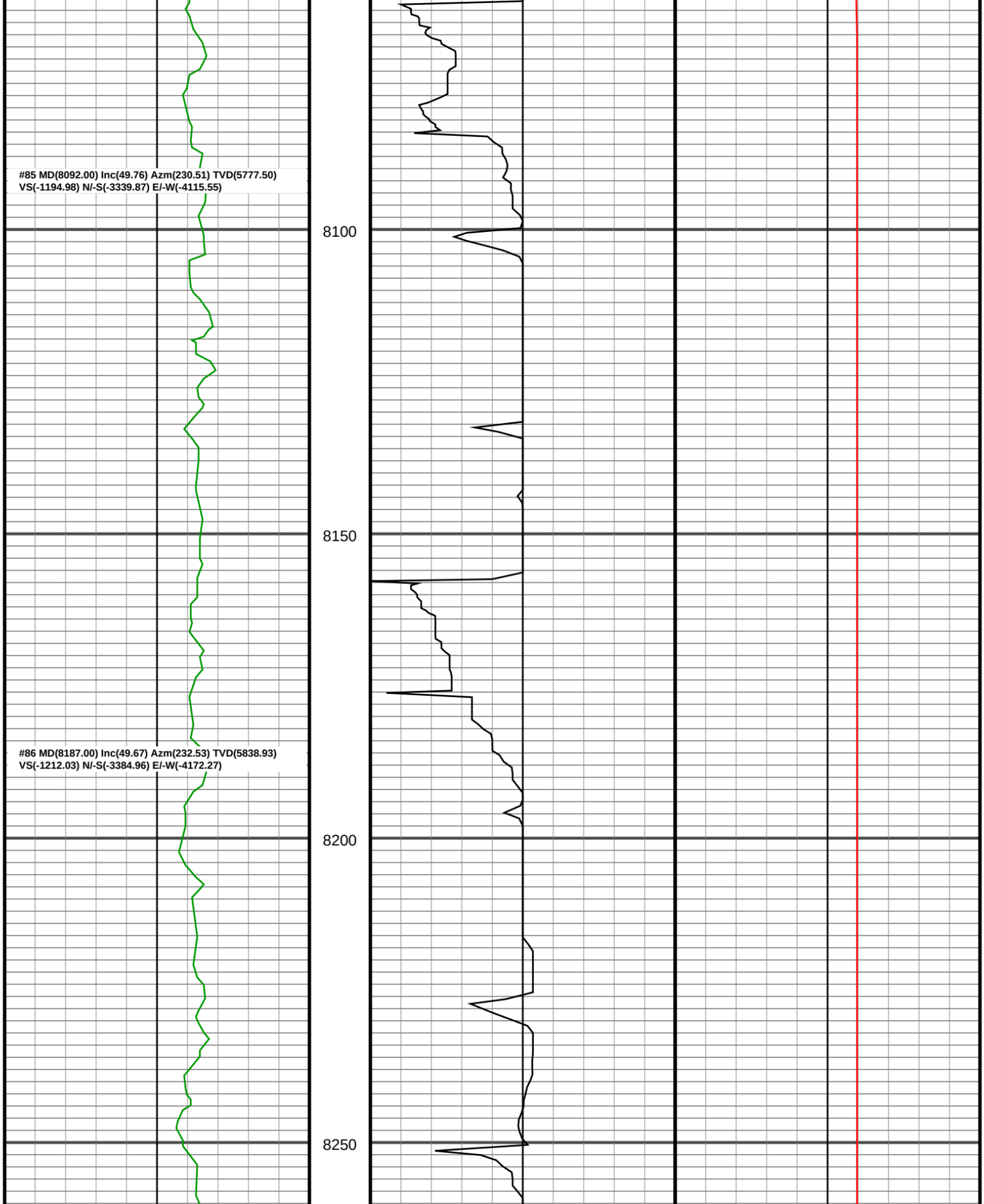
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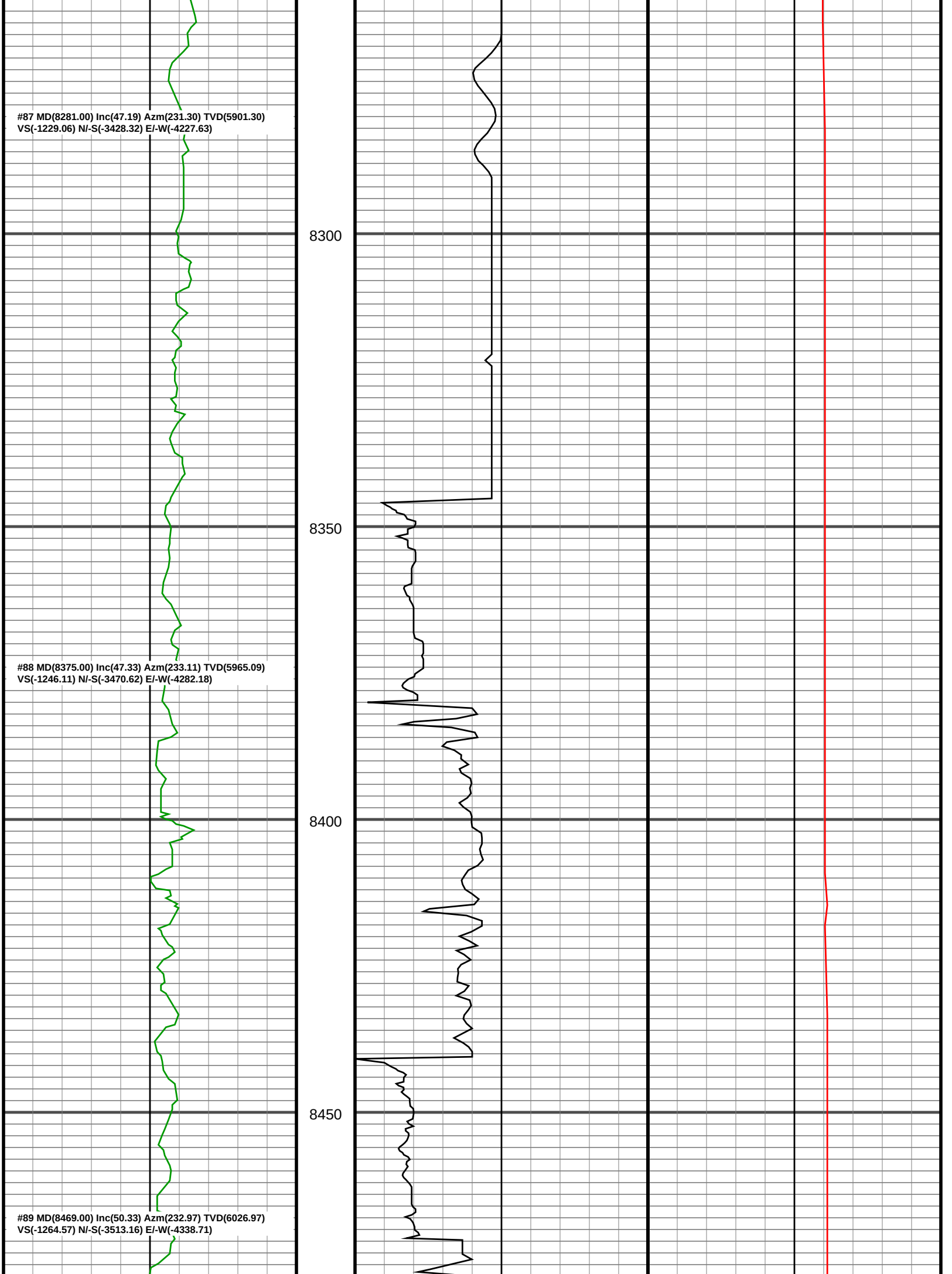
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VS(-1246.11) N/-S(-3470.62) E/-W(-4282.18)
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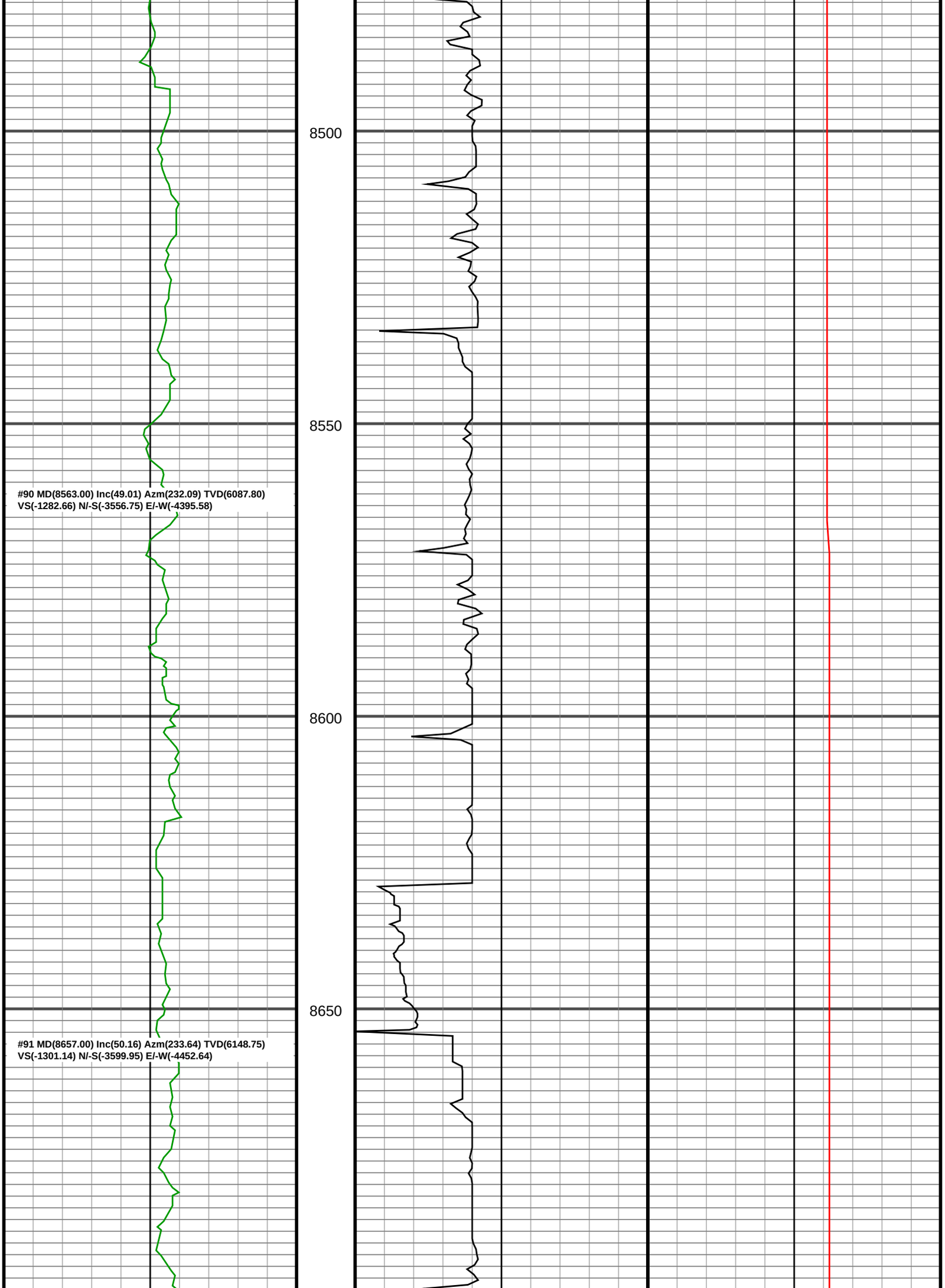
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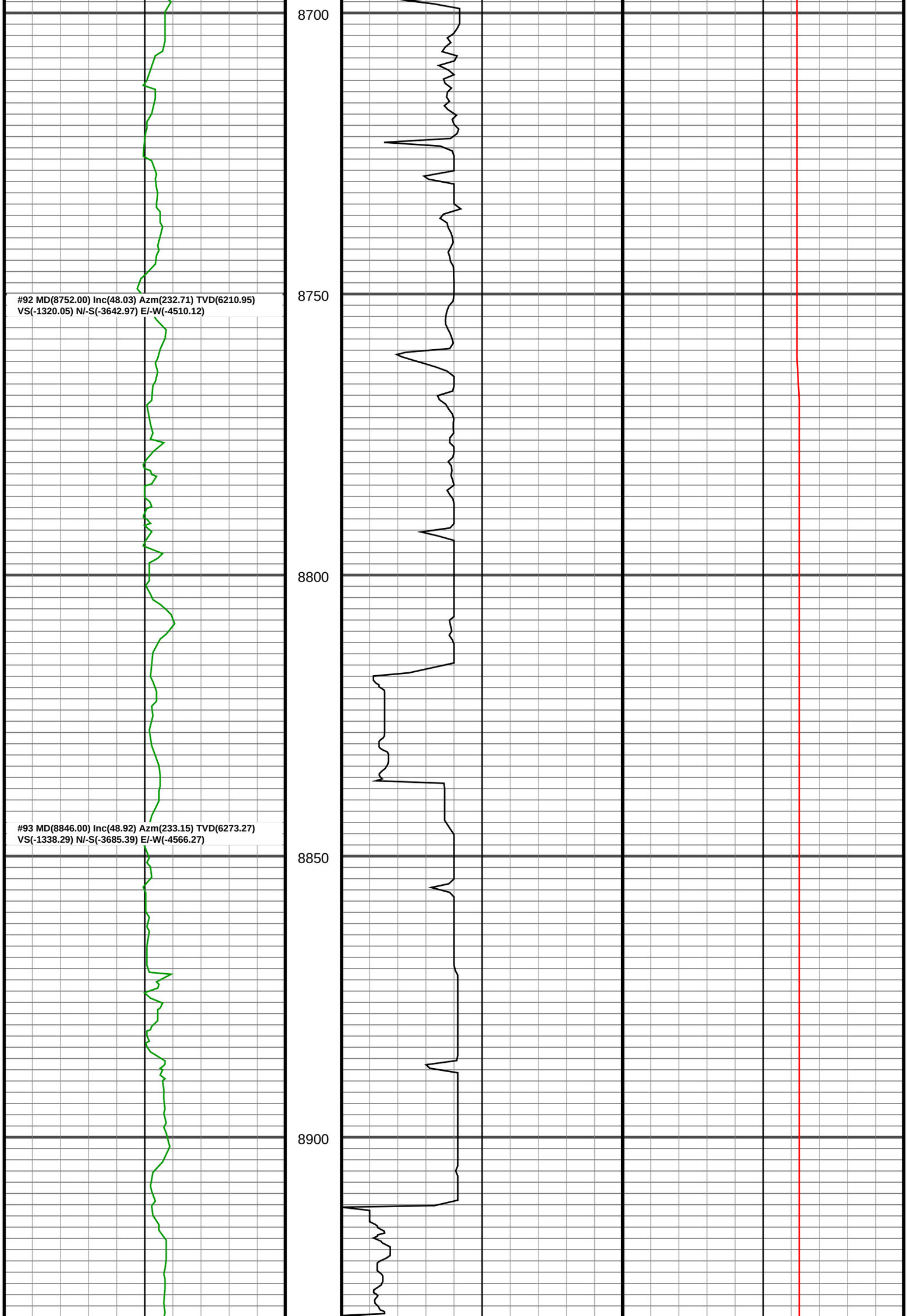
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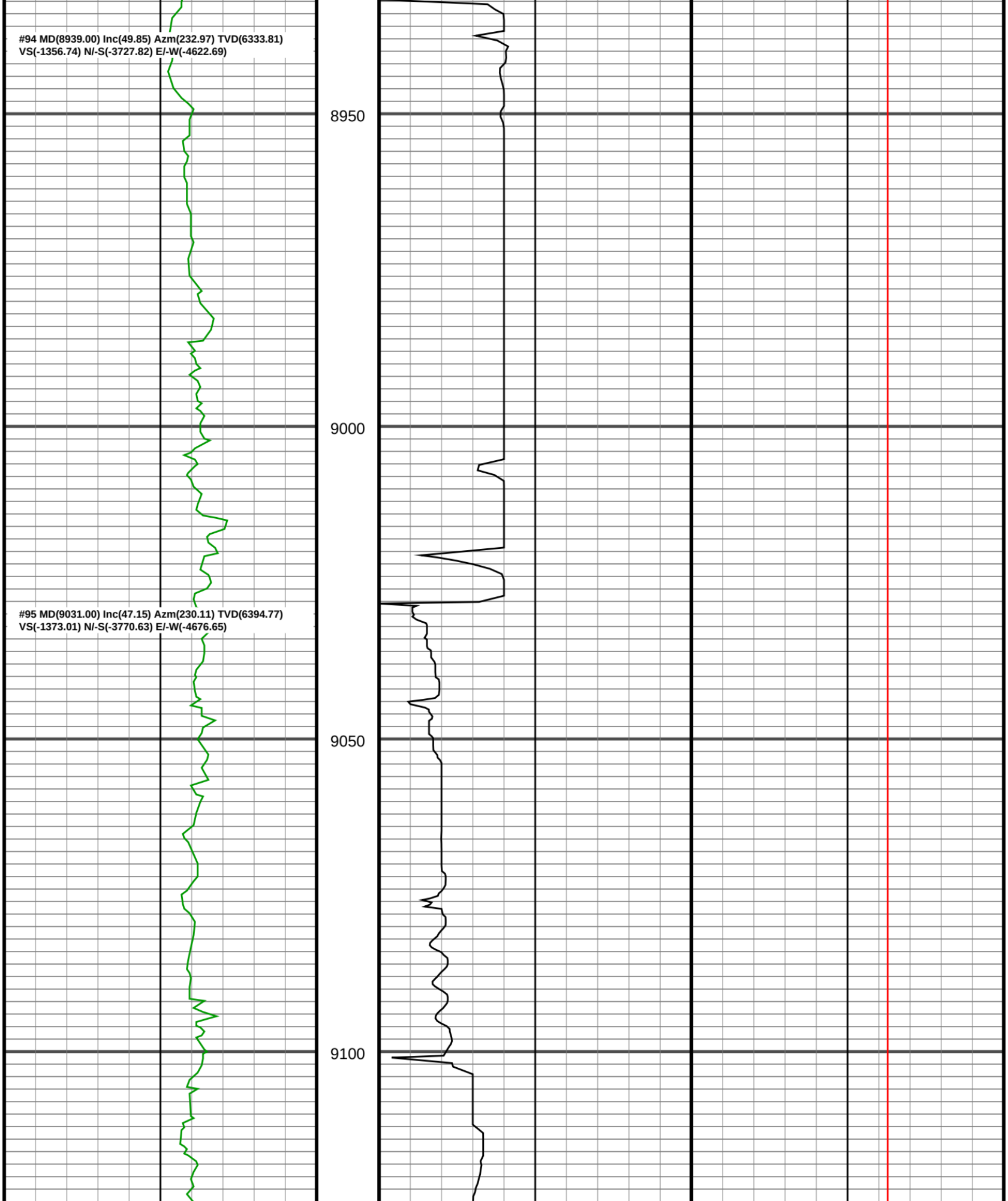
#94 MD(8939.00) Inc(49.85) Azm(232.97) TVD(6333.81)
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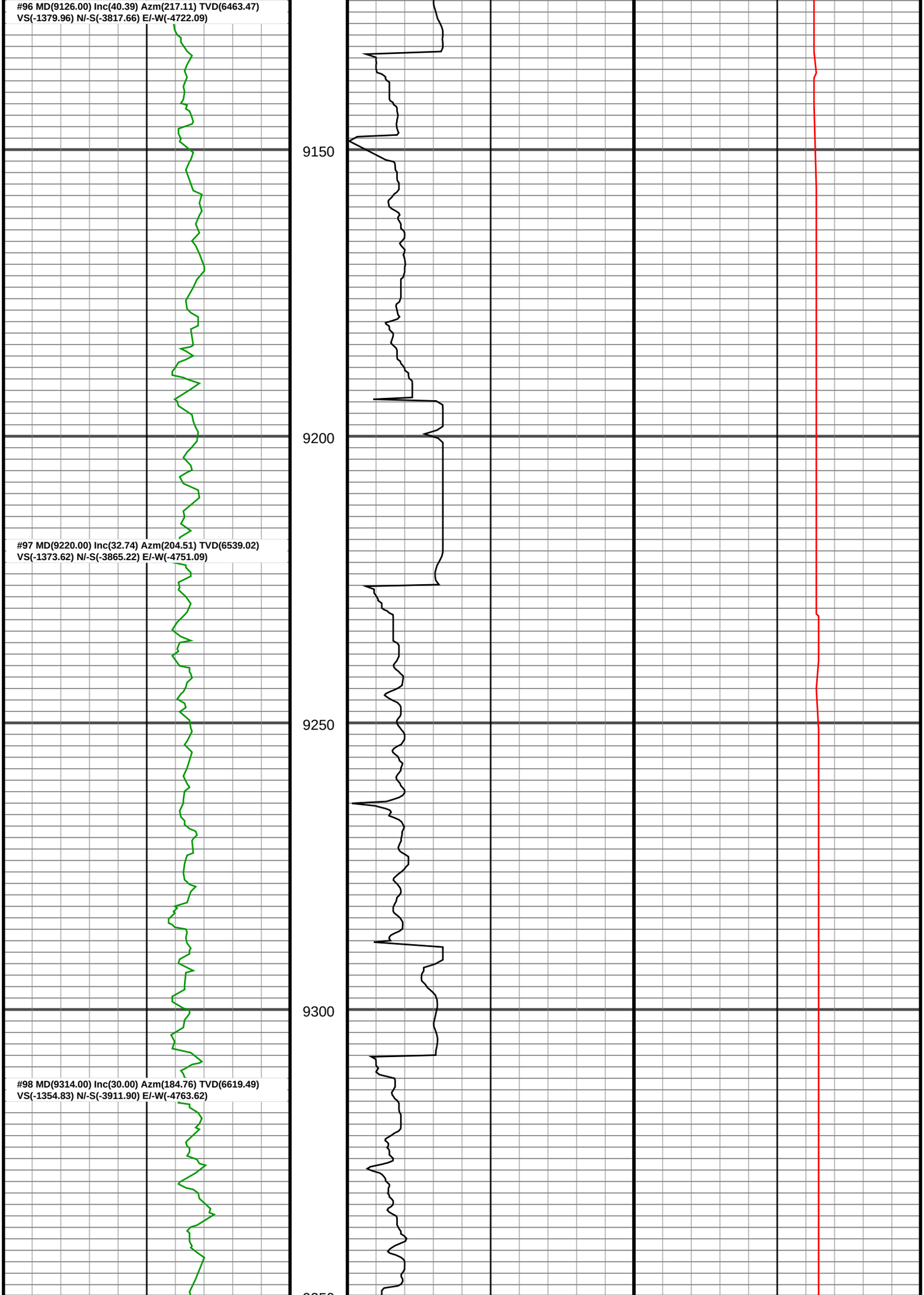
#96 MD(9126.00) Inc(40.39) Azm(217.11) TVD(6463.47)
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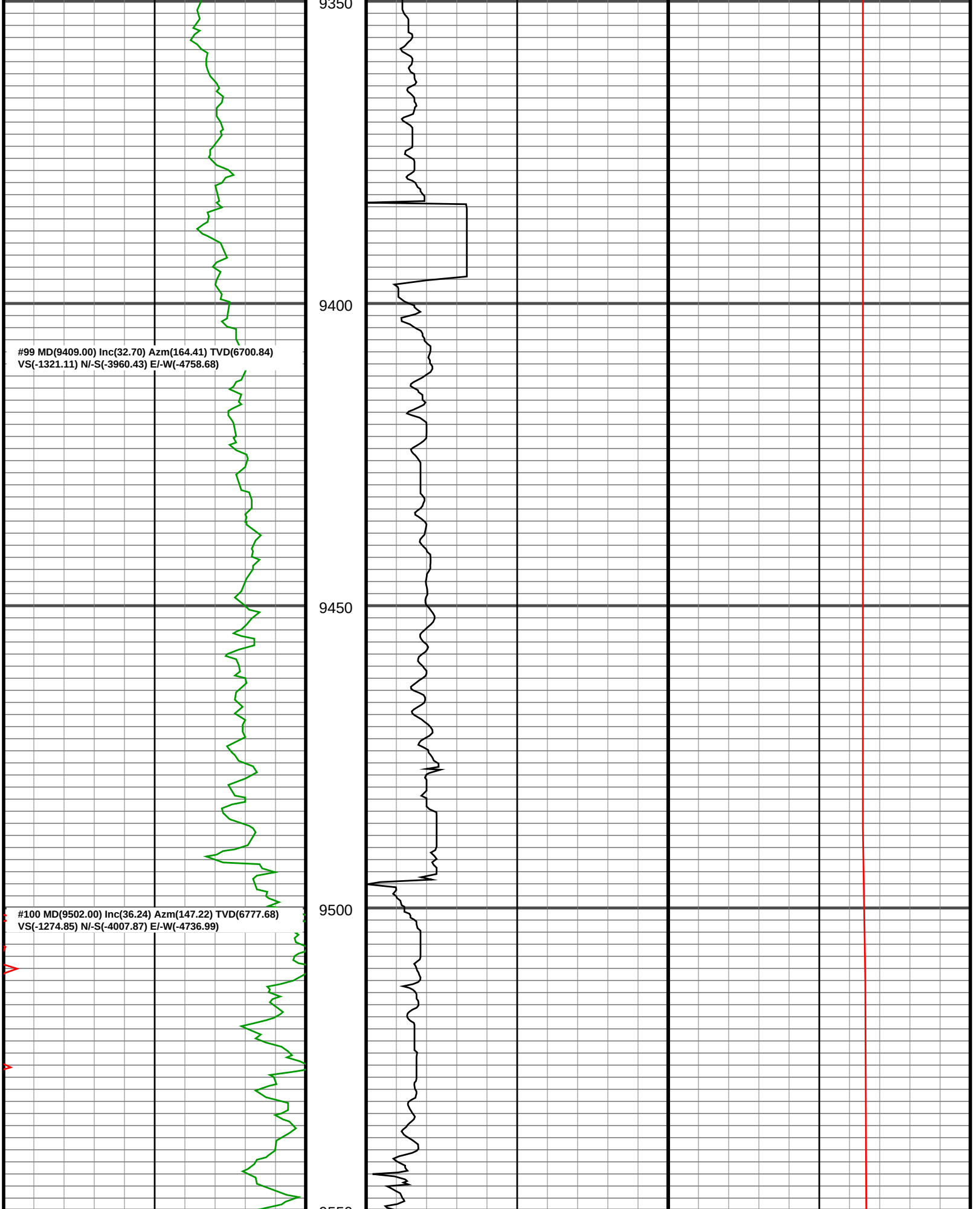
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VS(-1321.11) N/-S(-3960.43) E/-W(-4758.68)
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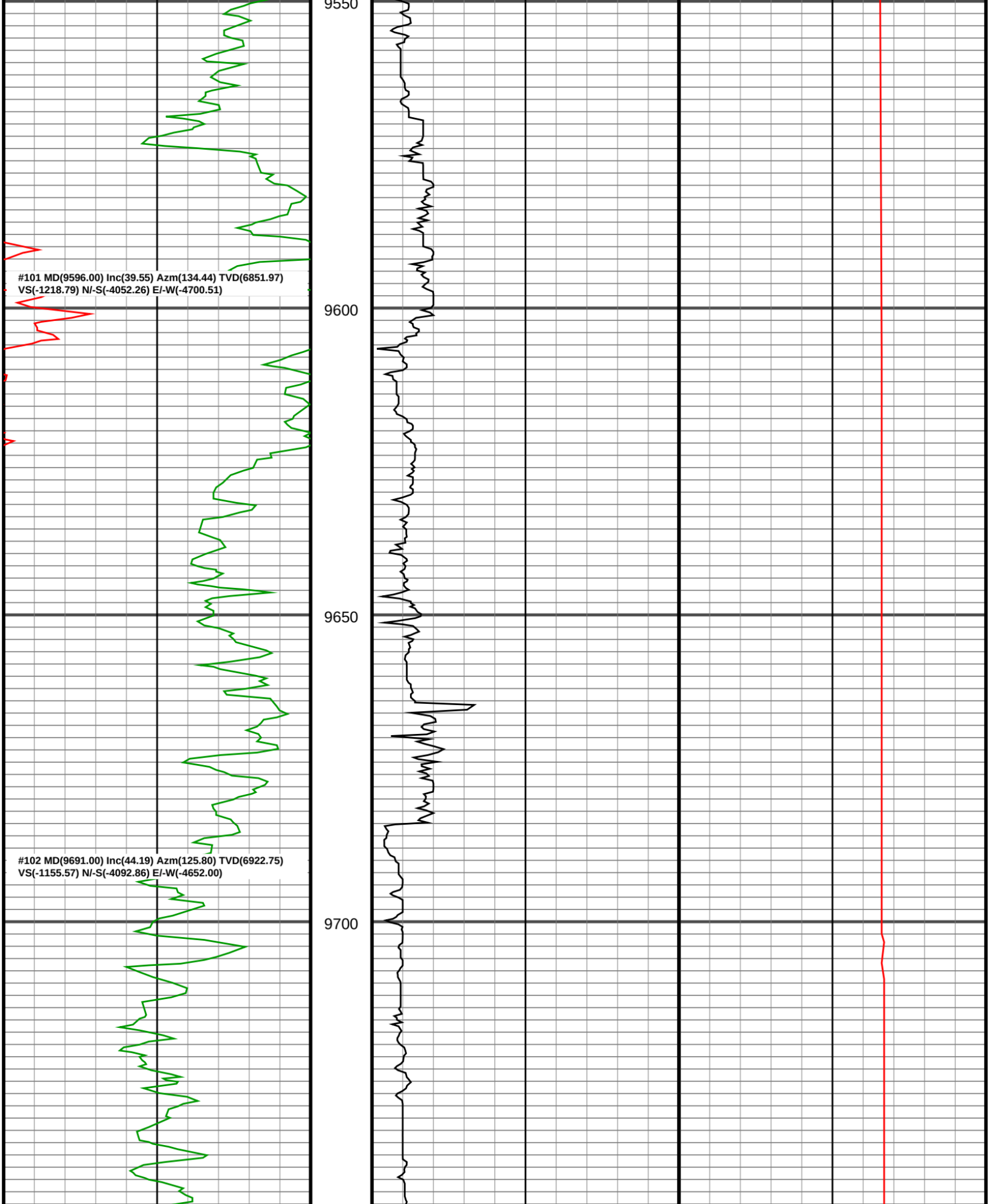
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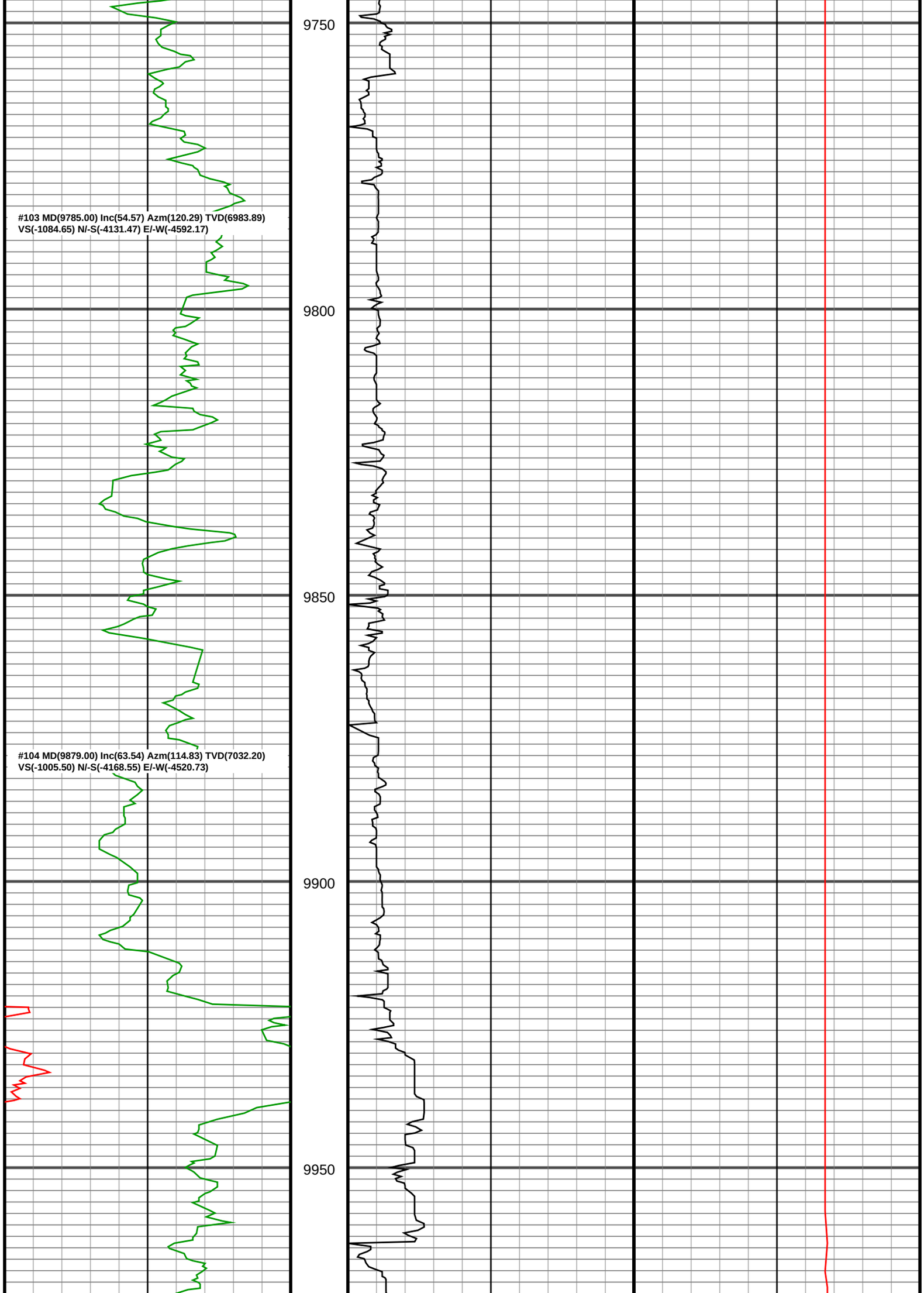
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#104 MD(9879.00) Inc(63.54) Azm(114.83) TVD(7032.20)
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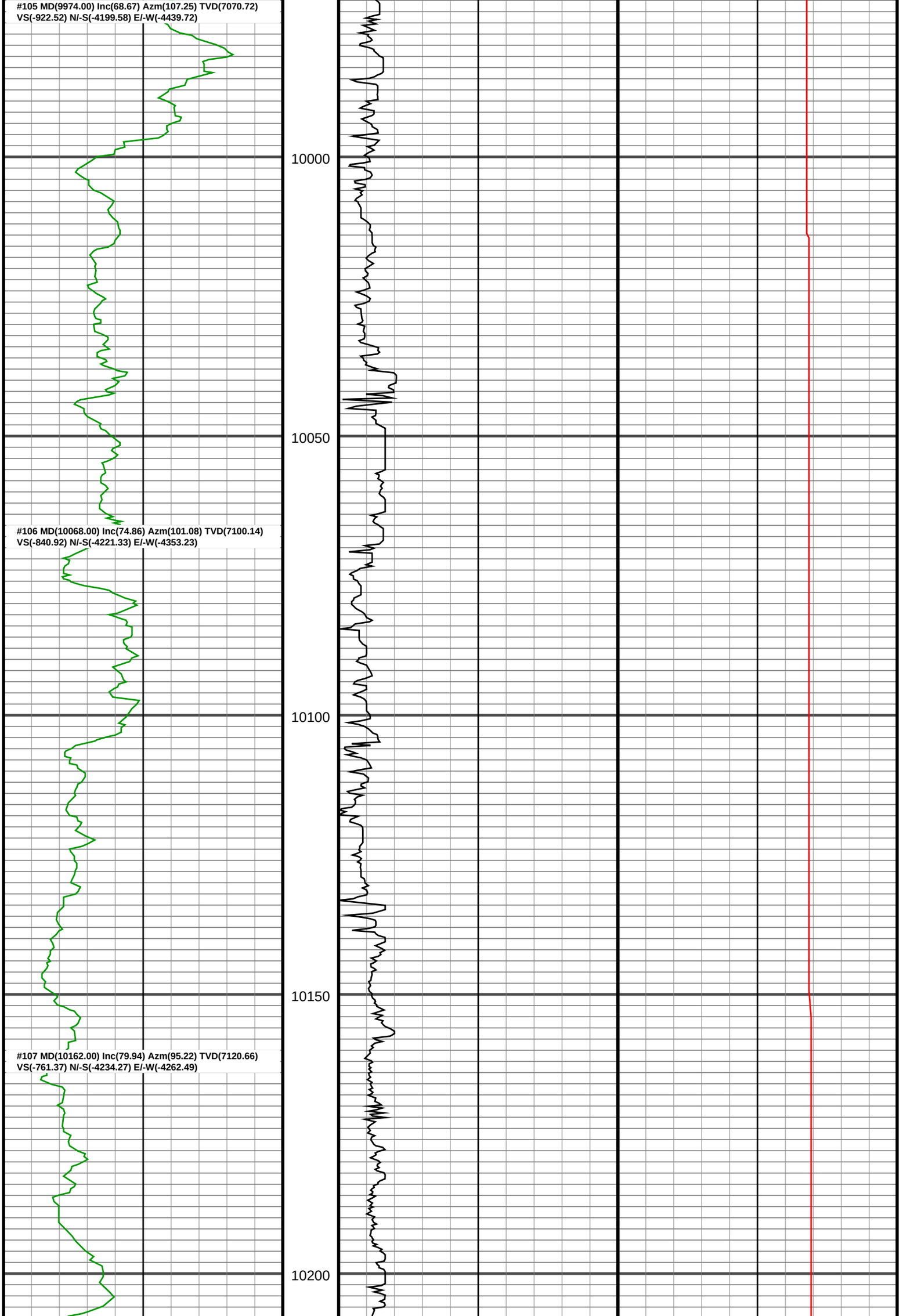
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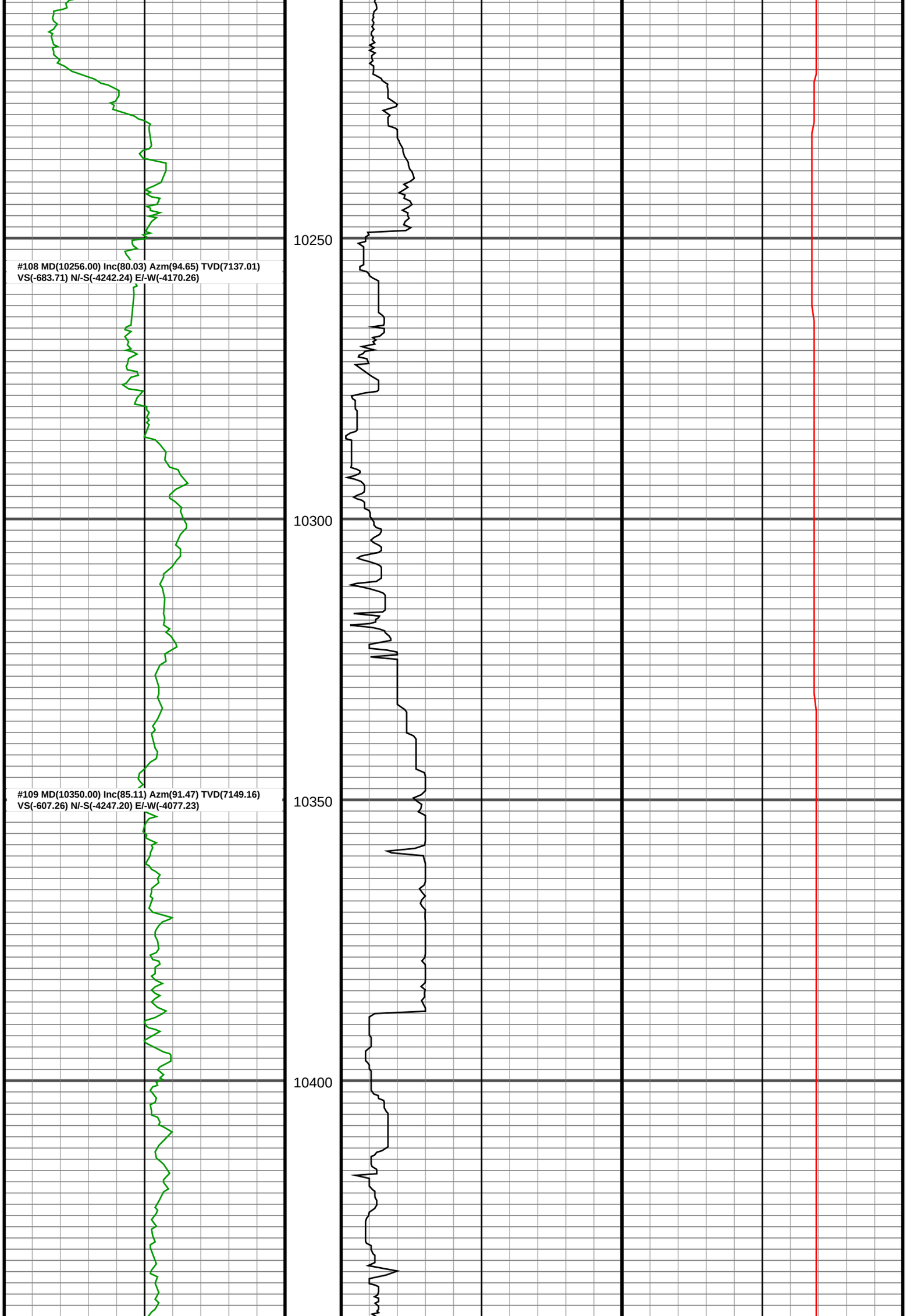
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#108 MD(10256.00) Inc(80.03) Azm(94.65) TVD(7137.01)
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#109 MD(10350.00) Inc(85.11) Azm(91.47) TVD(7149.16)
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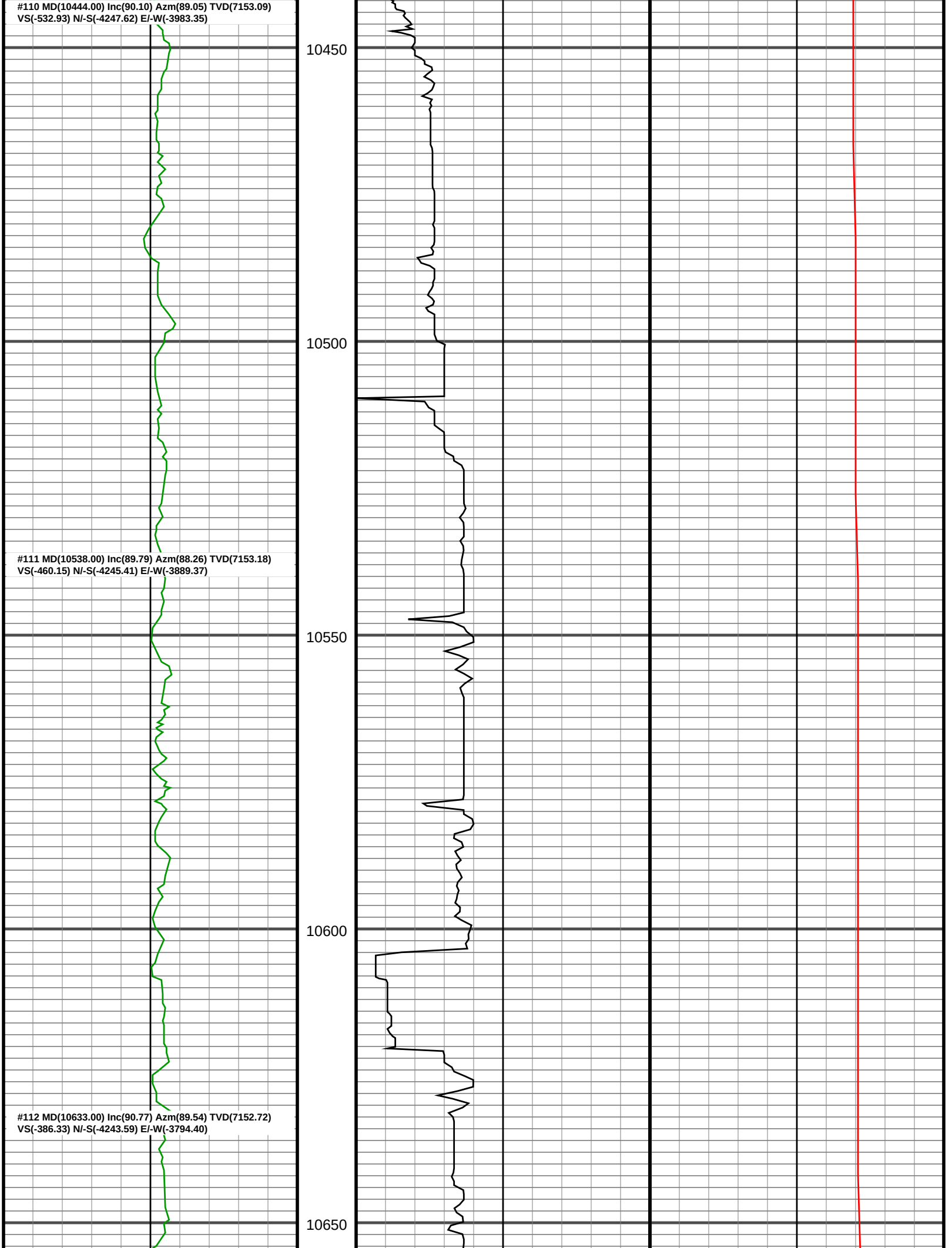
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#111 MD(10538.00) Inc(89.79) Azm(88.26) TVD(7153.18)
VS(-460.15) N/-S(-4245.41) E/-W(-3889.37)
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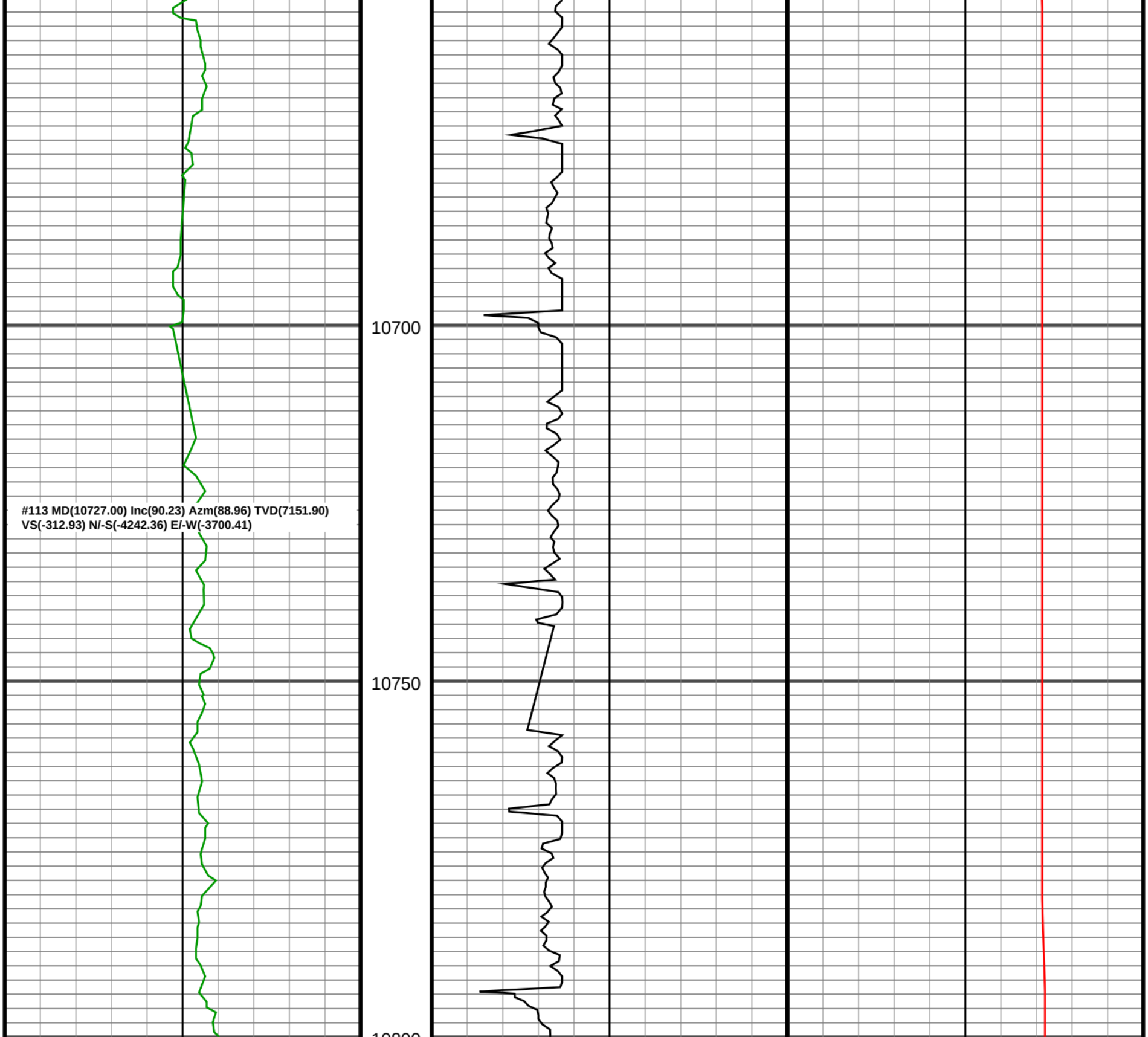
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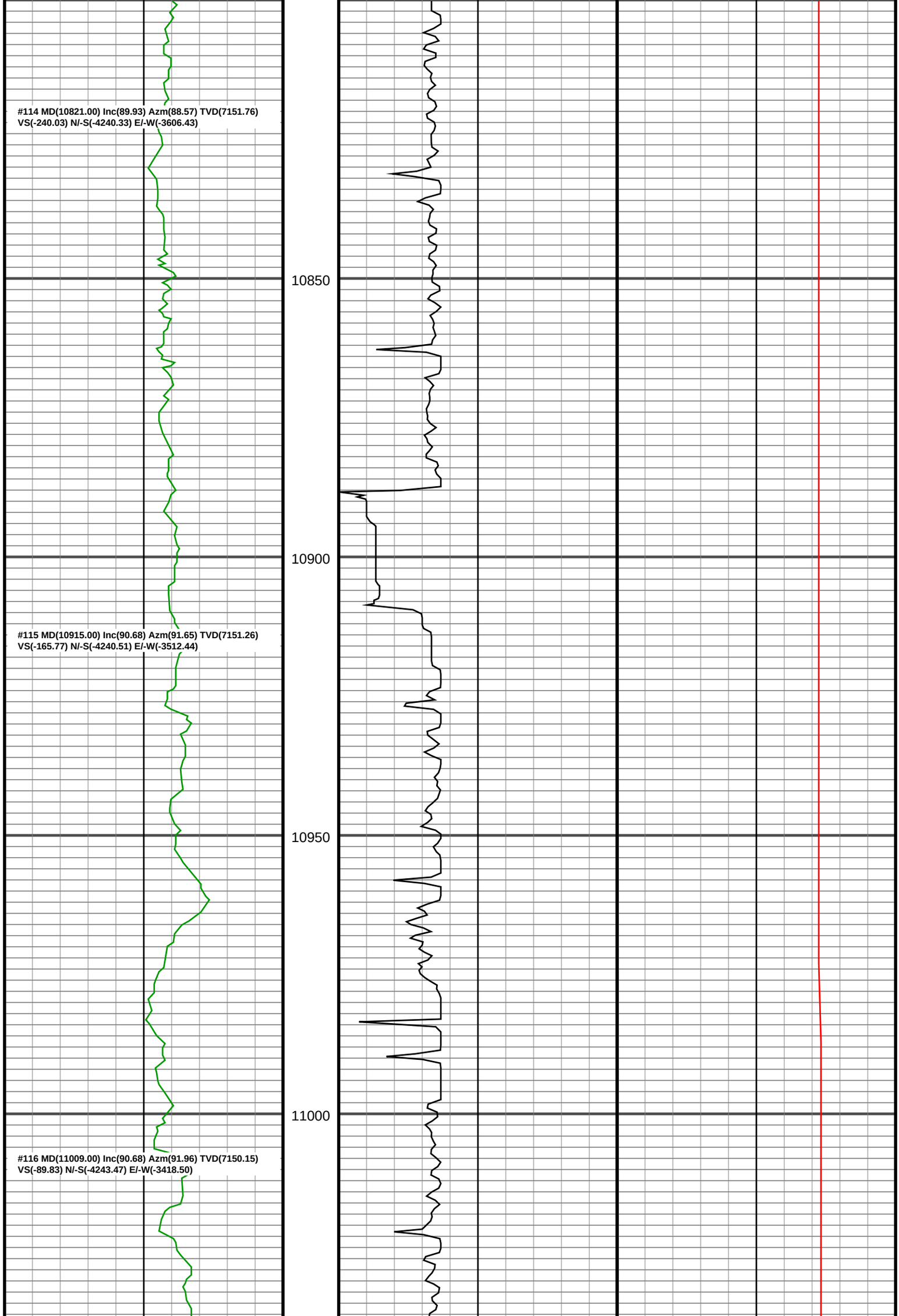
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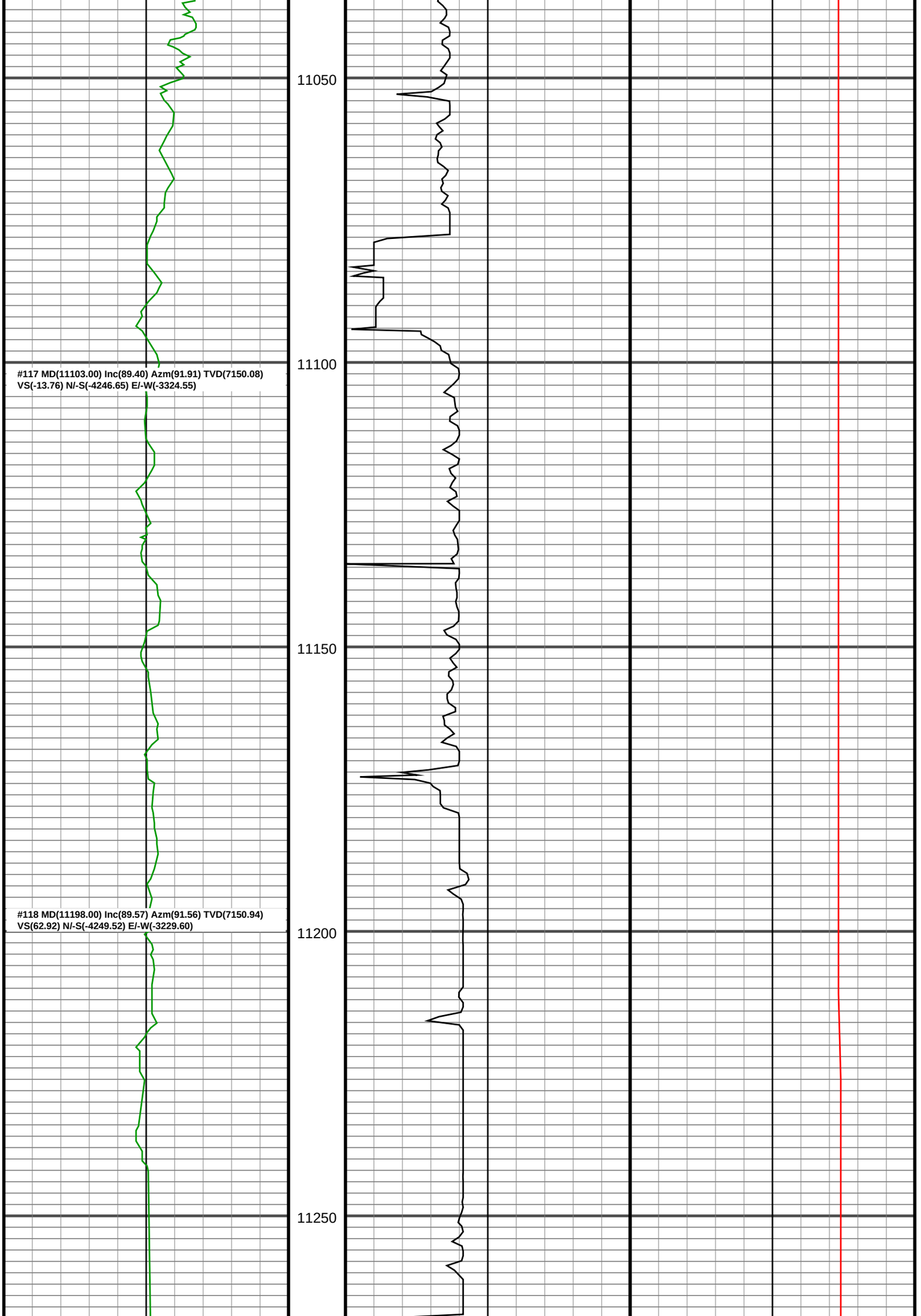
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VS(-13.76) N/-S(-4246.65) E/-W(-3324.55)
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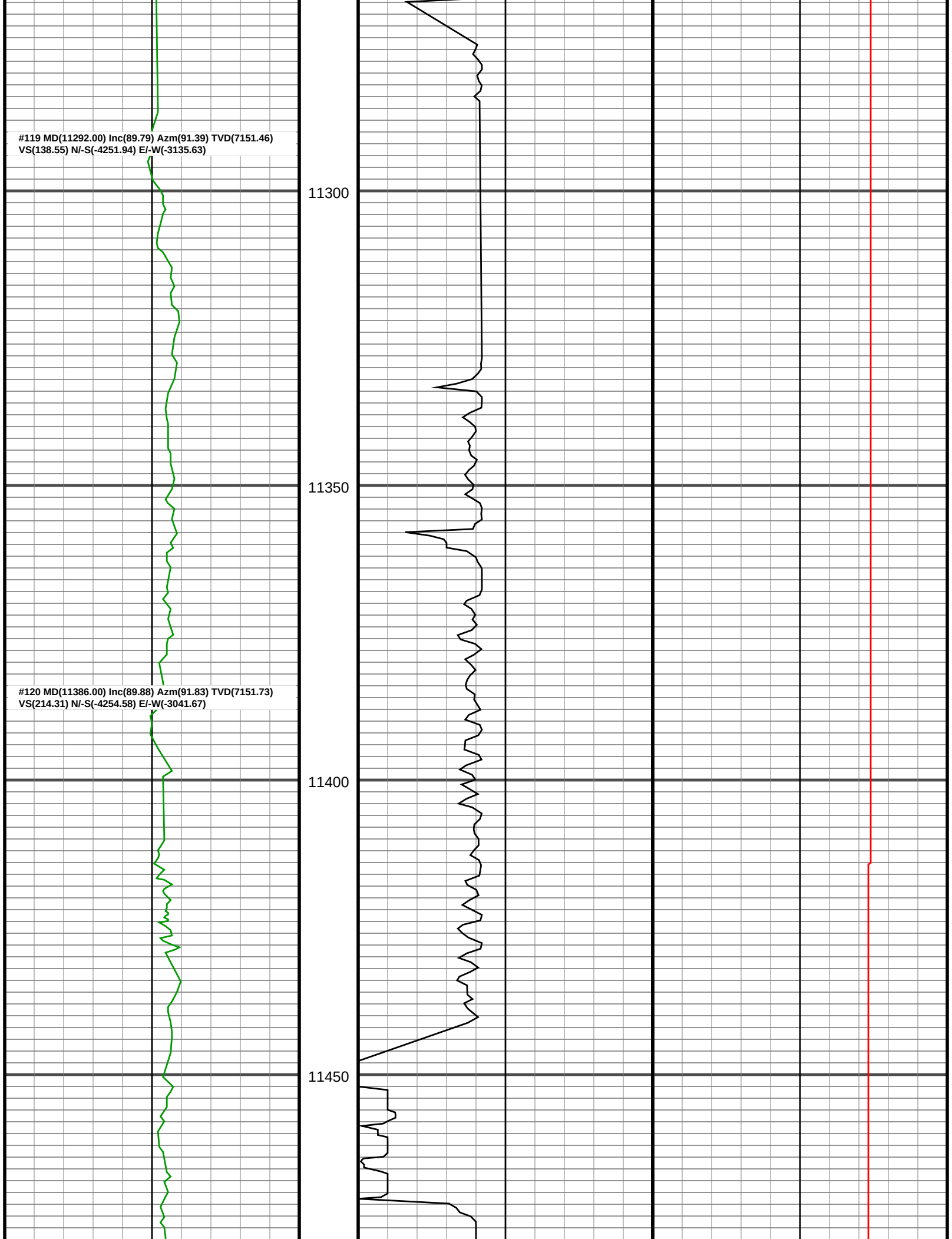
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VS(214.31) N/-S(-4254.58) E/-W(-3041.67)
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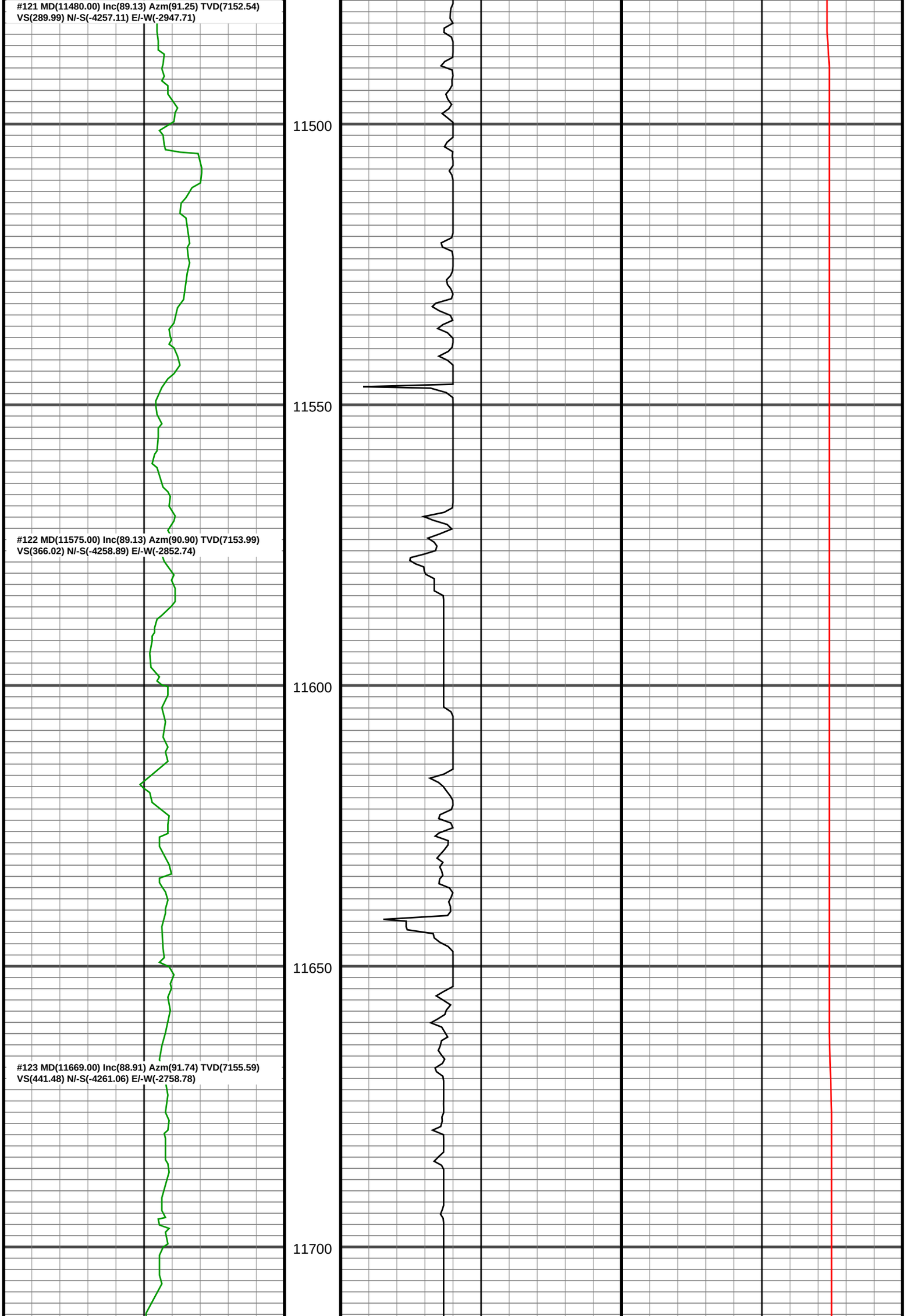
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#122 MD(11575.00) Inc(89.13) Azm(90.90) TVD(7153.99)
VS(366.02) N/-S(-4258.89) E/-W(-2852.74)
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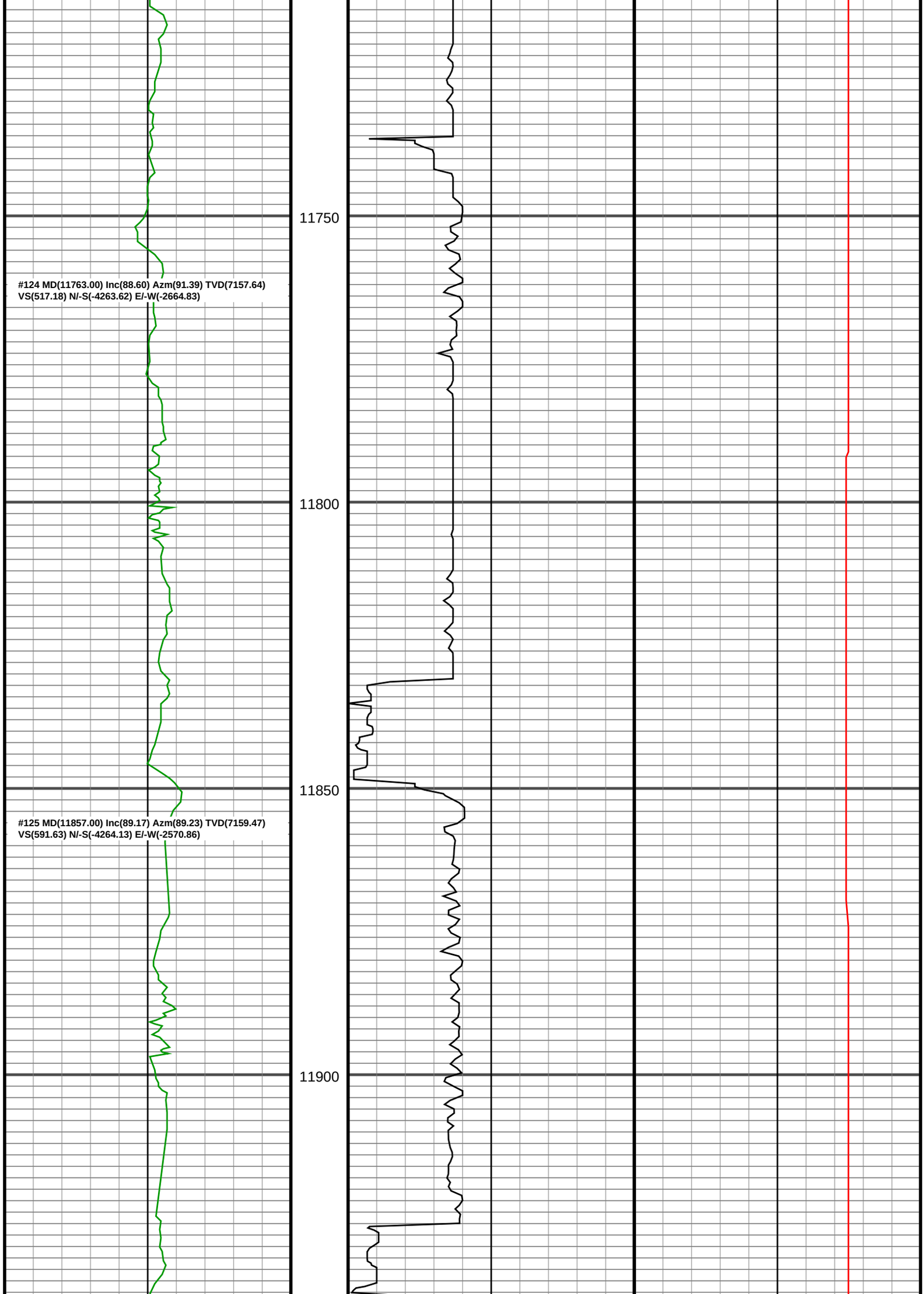
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VS(517.18) N/-S(-4263.62) E/-W(-2664.83)
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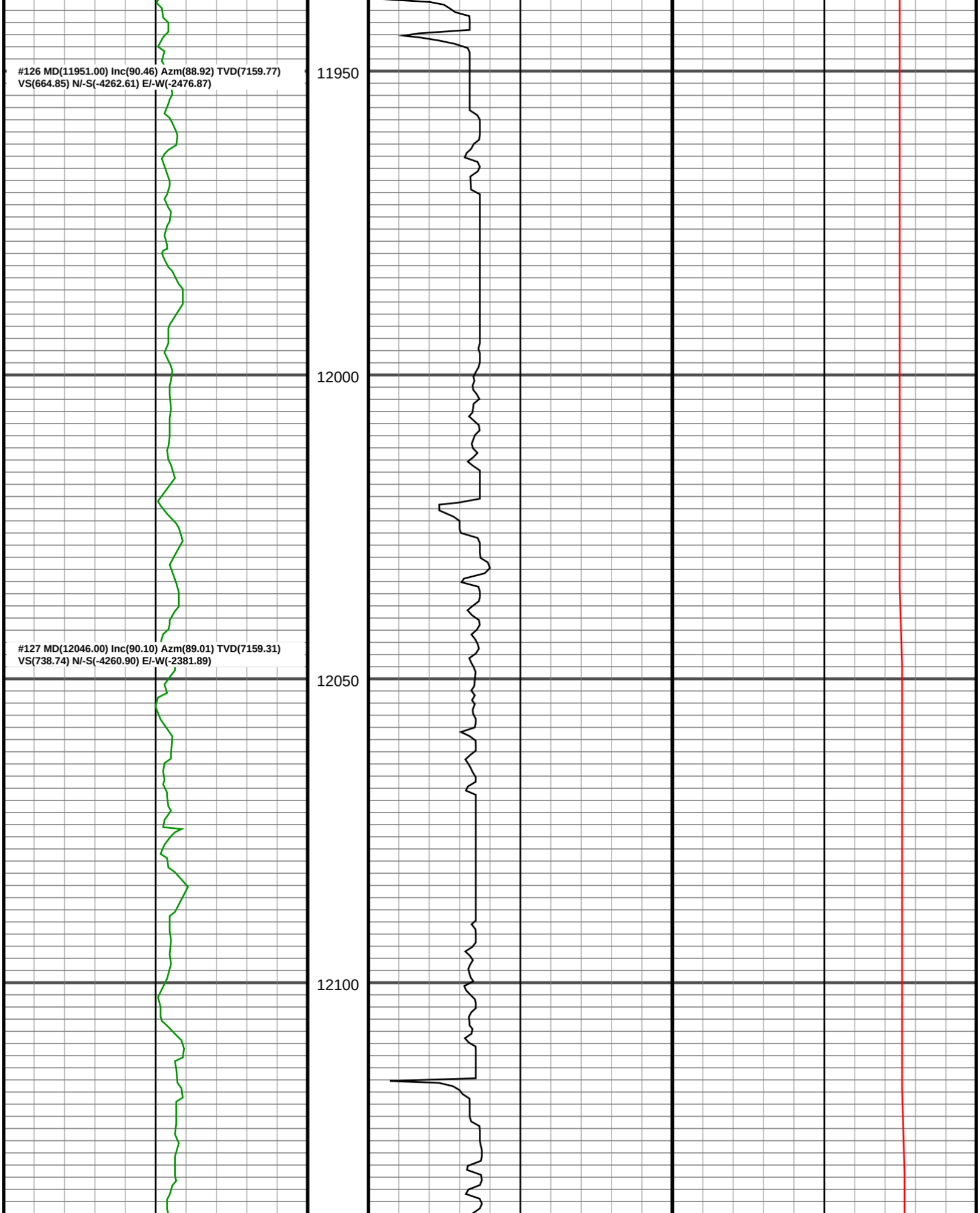
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#127 MD(12046.00) Inc(90.10) Azm(89.01) TVD(7159.31)
VS(738.74) N/-S(-4260.90) E/-W(-2381.89)
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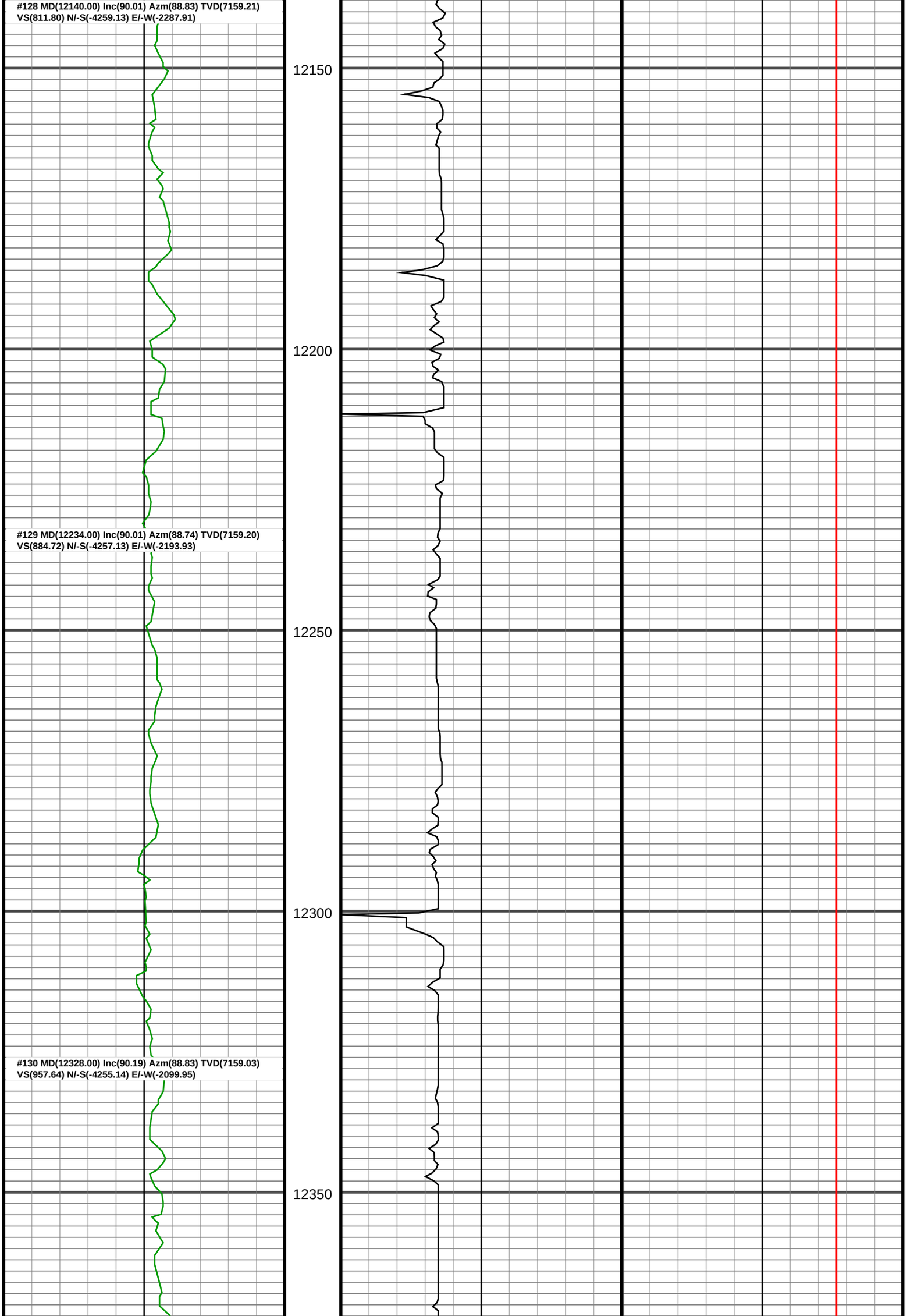
#128 MD(12140.00) Inc(90.01) Azm(88.83) TVD(7159.21)
VS(811.80) N/-S(-4259.13) E/-W(-2287.91)
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#129 MD(12234.00) Inc(90.01) Azm(88.74) TVD(7159.20)
VS(884.72) N/-S(-4257.13) E/-W(-2193.93)
12250
12300
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VS(957.64) N/-S(-4255.14) E/-W(-2099.95)
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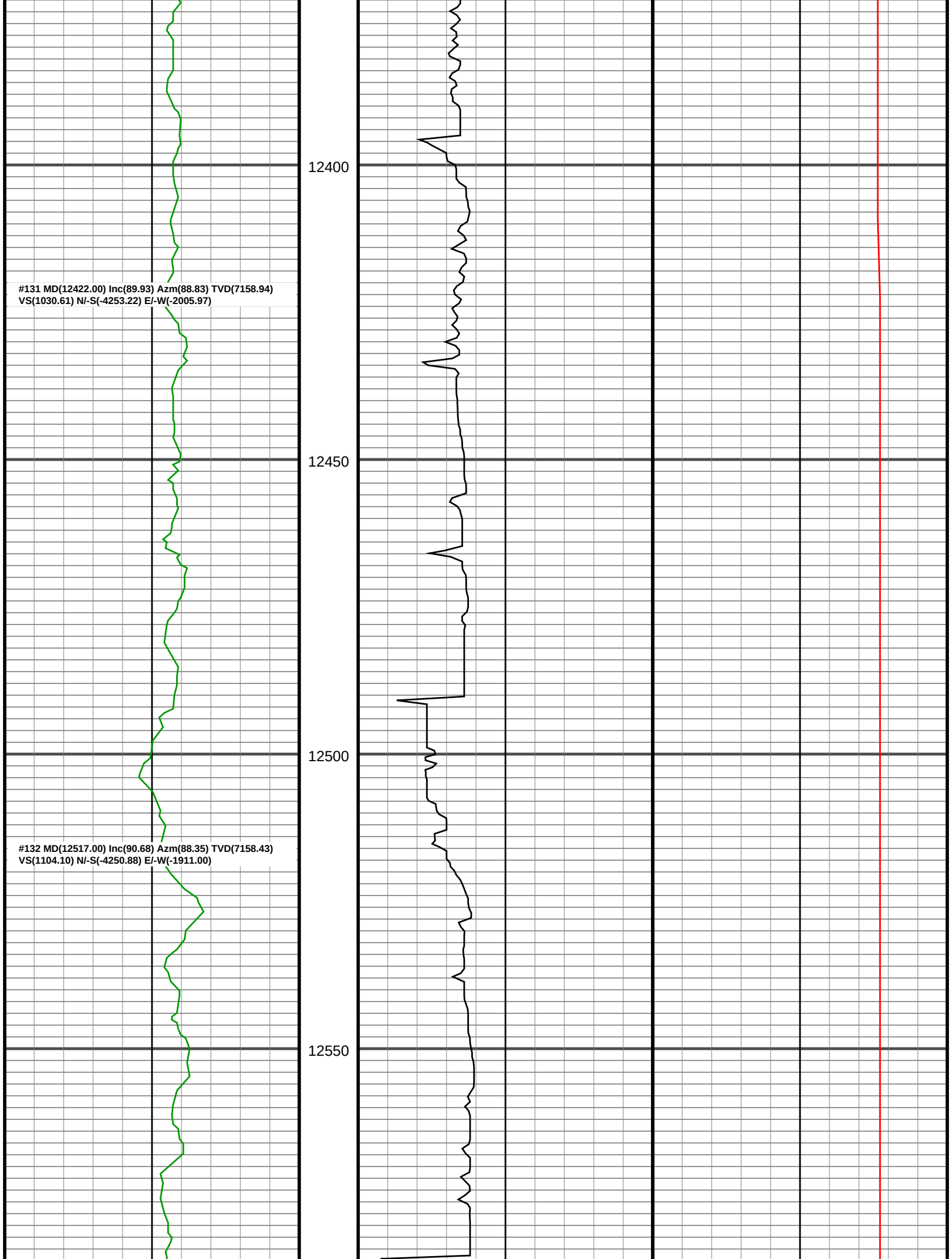
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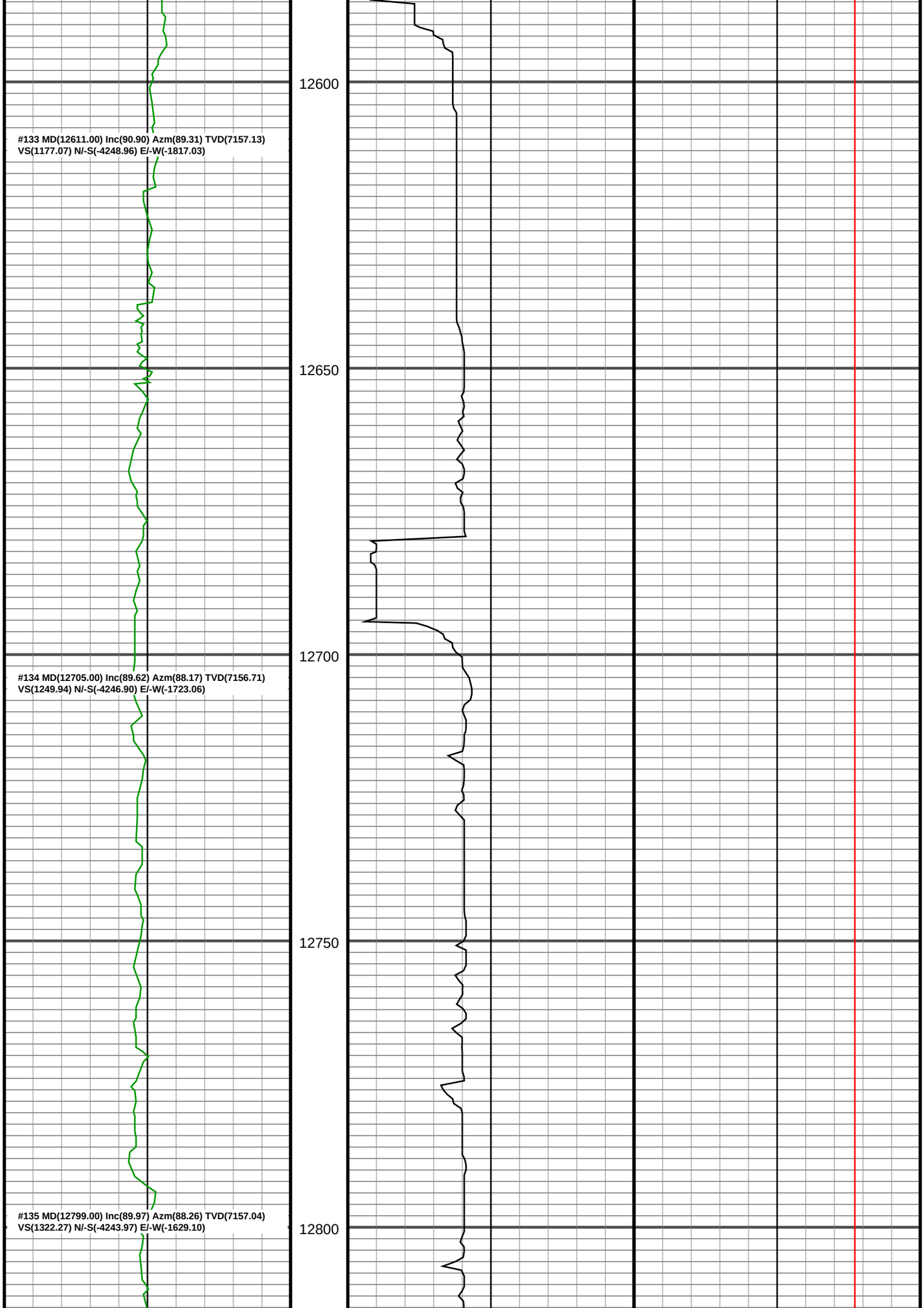
VS(1030.61) N/-S(-4253.22) E/-W(-2005.97)
#132 MD(12517.00) Inc(90.68) Azm(88.35) TVD(7158.43)
VS(1104.10) N/-S(-4250.88) E/-W(-1911.00)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#133 MD(12611.00) Inc(90.90) Azm(89.31) TVD(7157.13)
VS(1177.07) N/-S(-4248.96) E/-W(-1817.03)
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#134 MD(12705.00) Inc(89.62) Azm(88.17) TVD(7156.71)
VS(1249.94) N/-S(-4246.90) E/-W(-1723.06)
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#135 MD(12799.00) Inc(89.97) Azm(88.26) TVD(7157.04)
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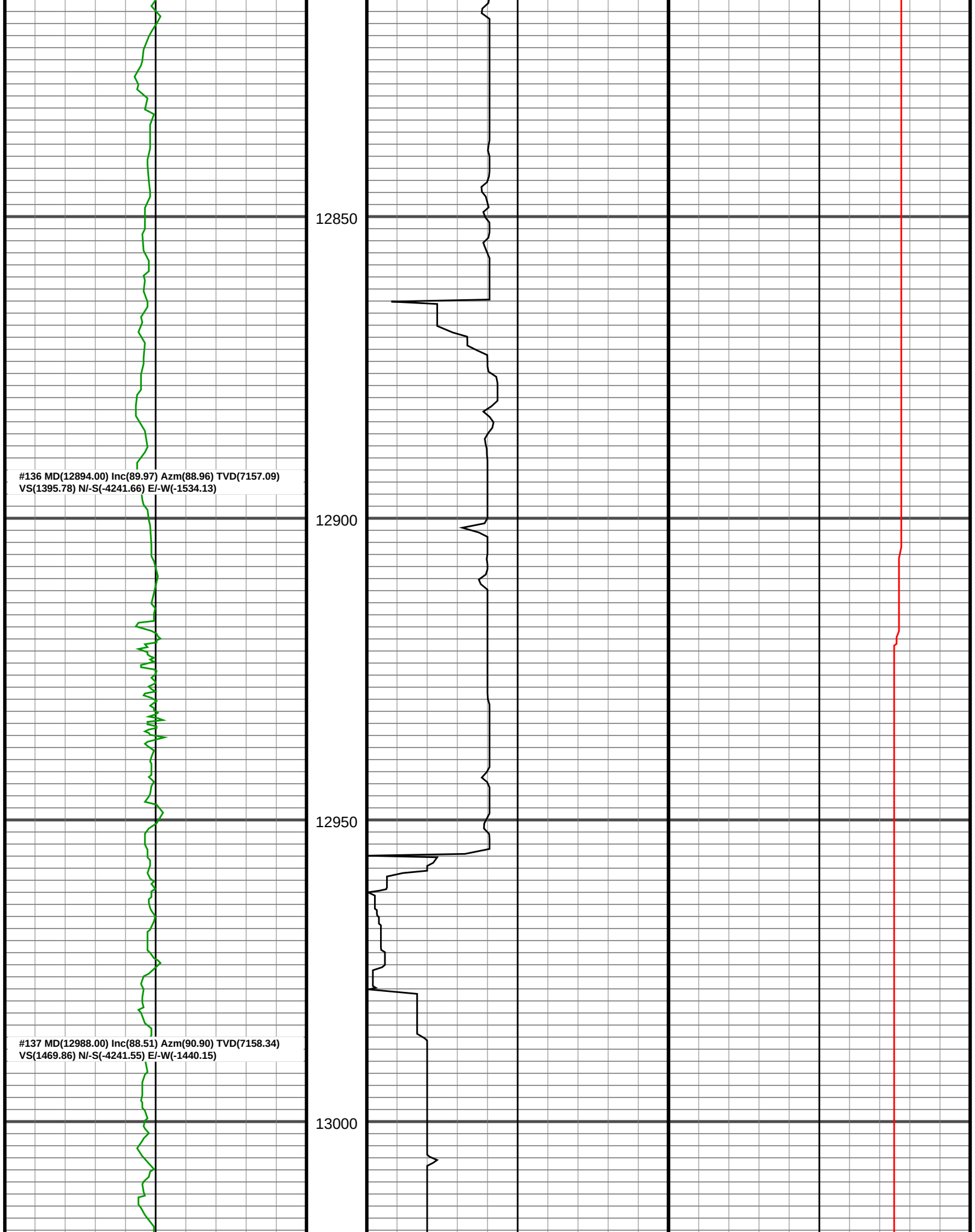
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#136 MD(12894.00) Inc(89.97) Azm(88.96) TVD(7157.09)
VS(1395.78) N/-S(-4241.66) E/-W(-1534.13)
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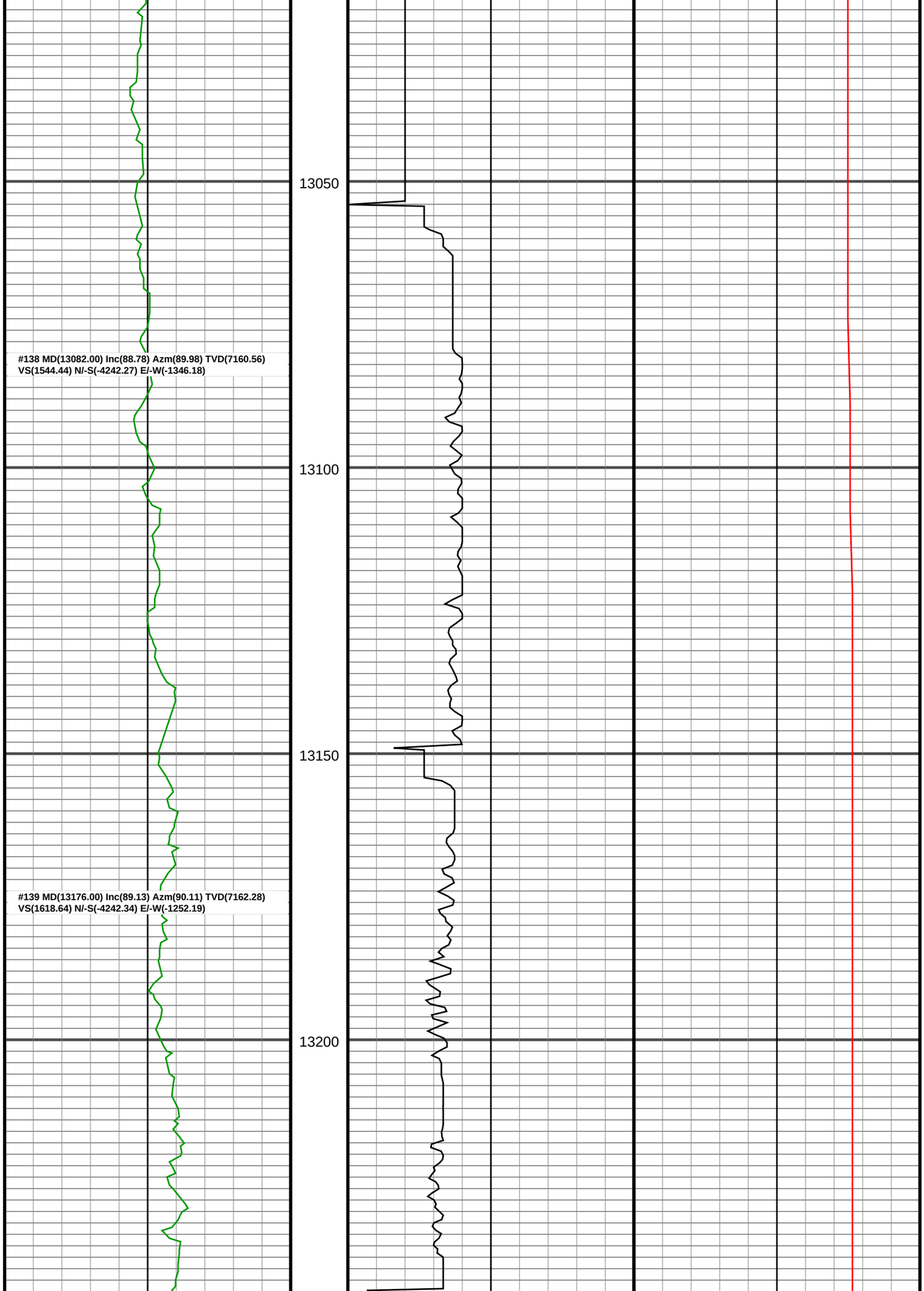
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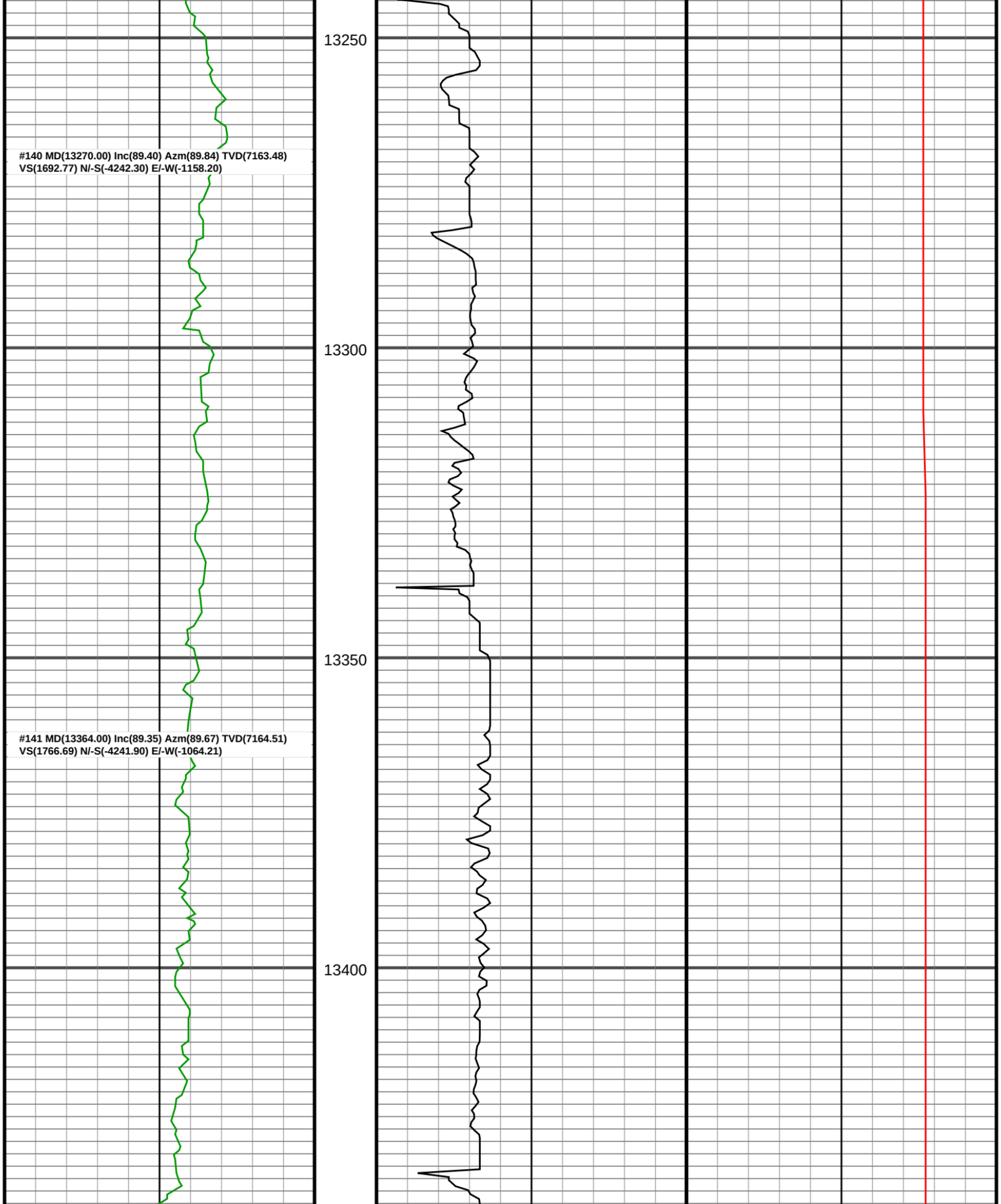
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#140 MD(13270.00) Inc(89.40) Azm(89.84) TVD(7163.48)
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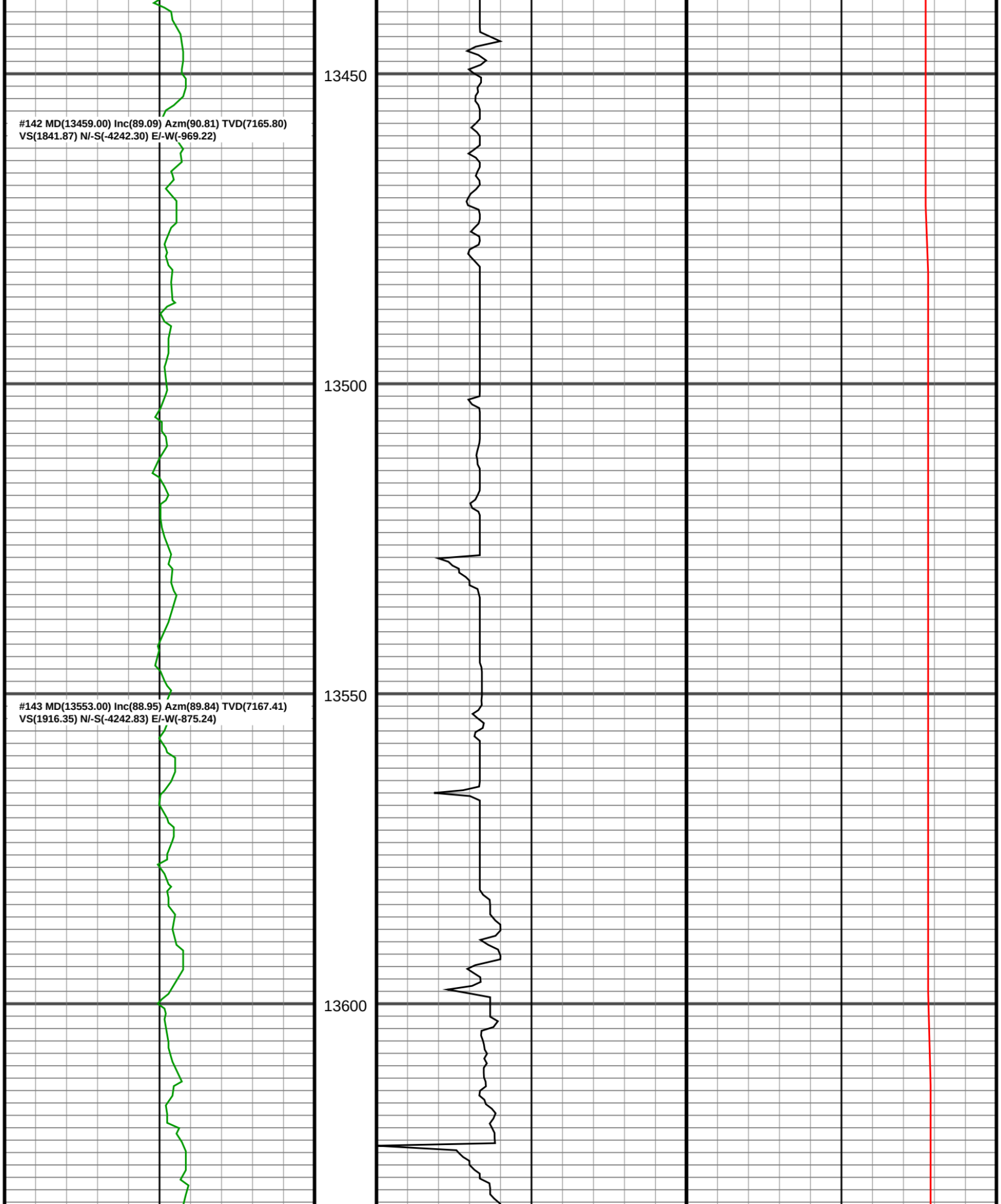
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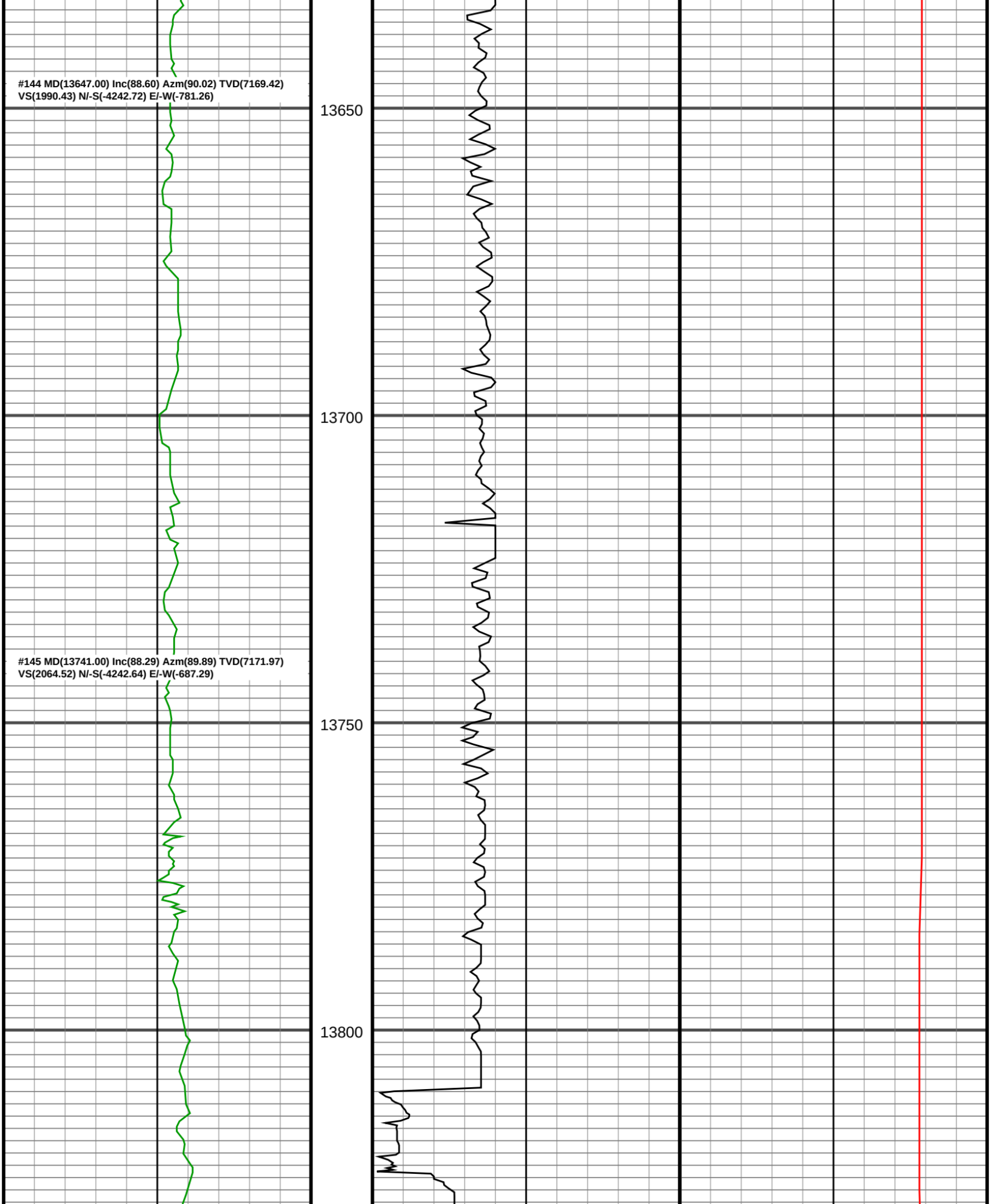
#144 MD(13647.00) Inc(88.60) Azm(90.02) TVD(7169.42)
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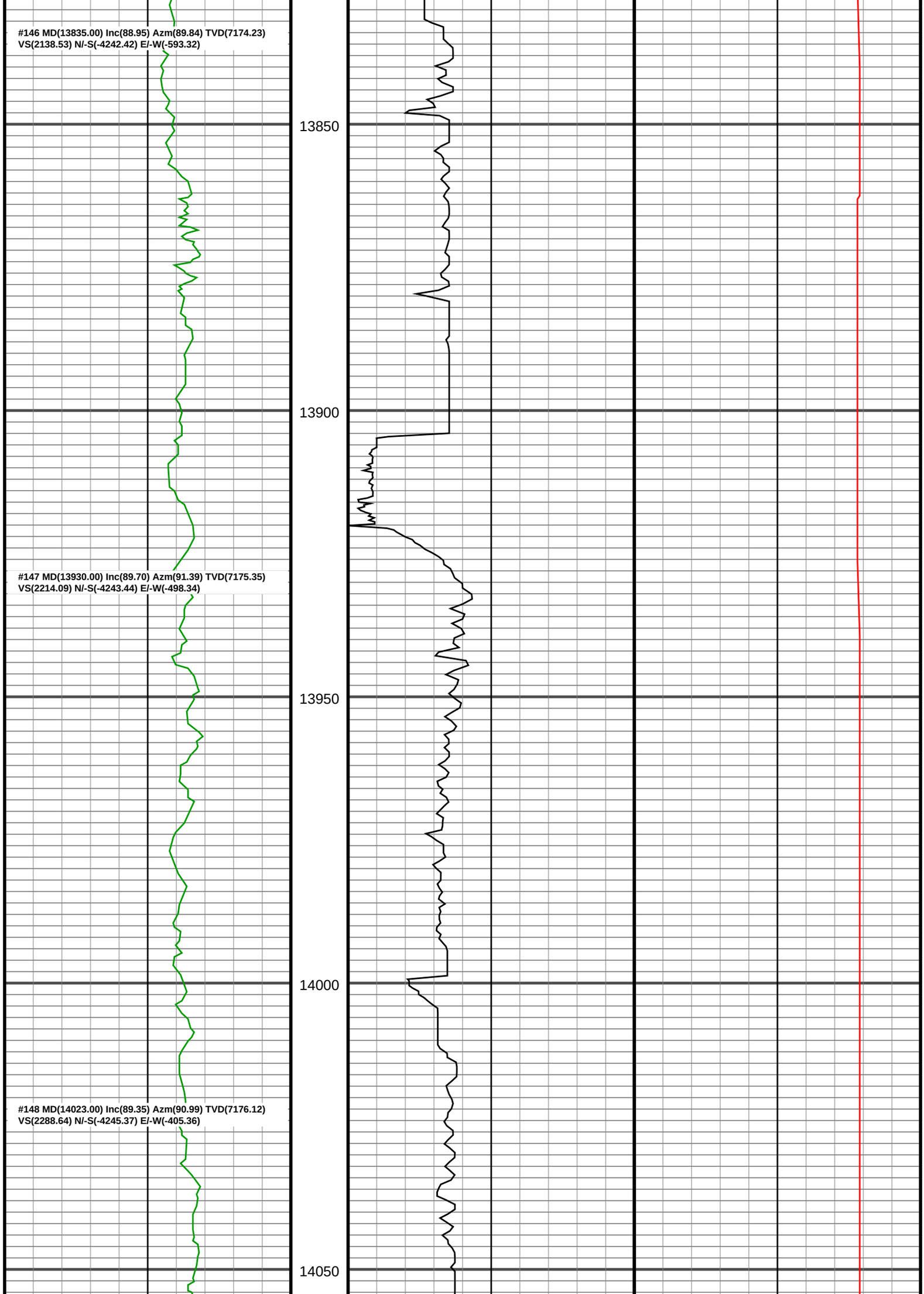
13700
#145 MD(13741.00) Inc(88.29) Azm(89.89) TVD(7171.97)
VS(2064.52) N/-S(-4242.64) E/-W(-687.29)
13750
13800


#146 MD(13835.00) Inc(88.95) Azm(89.84) TVD(7174.23)
VS(2138.53) N/-S(-4242.42) E/-W(-593.32)
#147 MD(13930.00) Inc(89.70) Azm(91.39) TVD(7175.35)
VS(2214.09) N/-S(-4243.44) E/-W(-498.34)
#148 MD(14023.00) Inc(89.35) Azm(90.99) TVD(7176.12)
VS(2288.64) N/-S(-4245.37) E/-W(-405.36)
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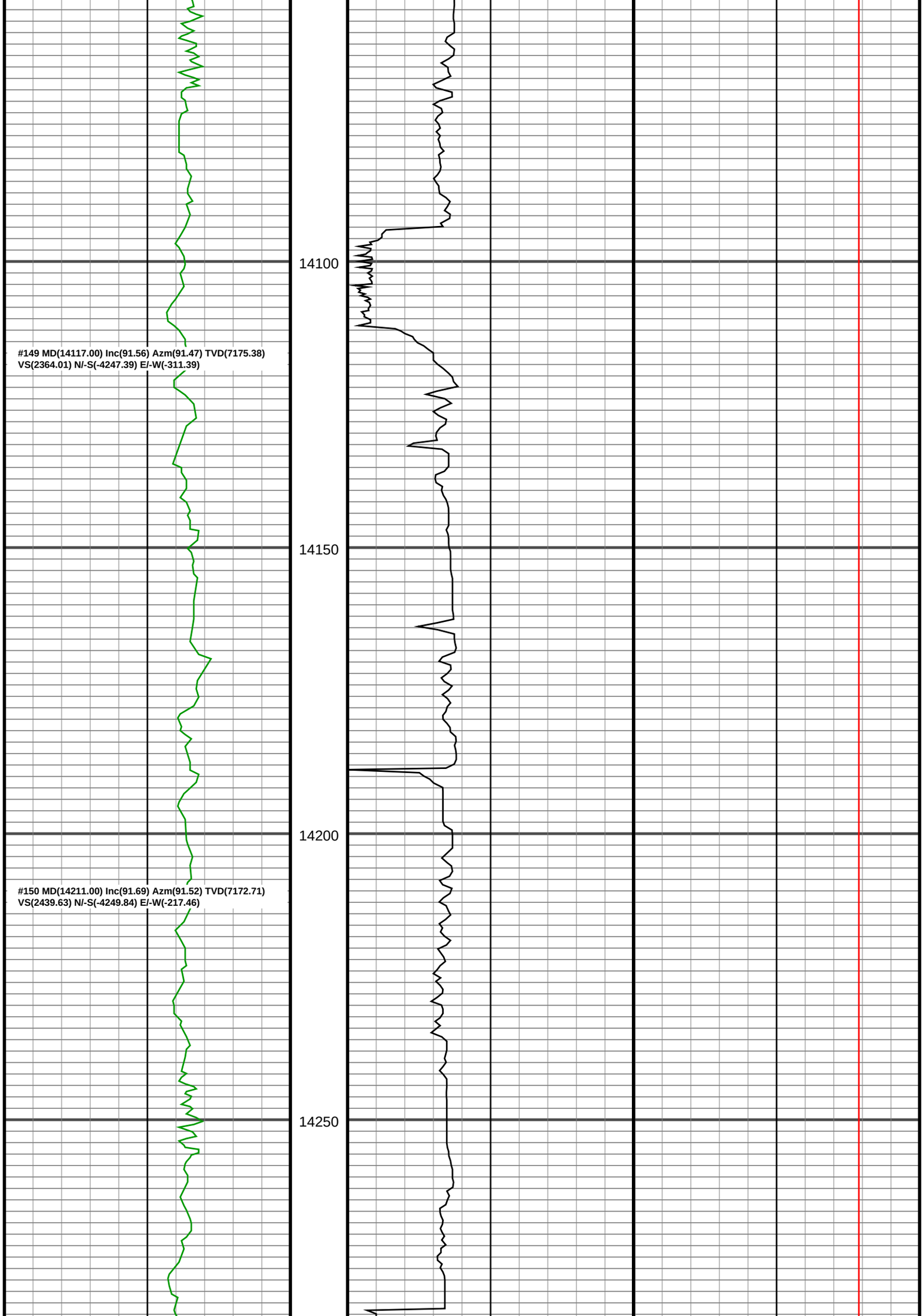
14050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#149 MD(14117.00) Inc(91.56) Azm(91.47) TVD(7175.38)
VS(2364.01) N/-S(-4247.39) E/-W(-311.39)
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14200
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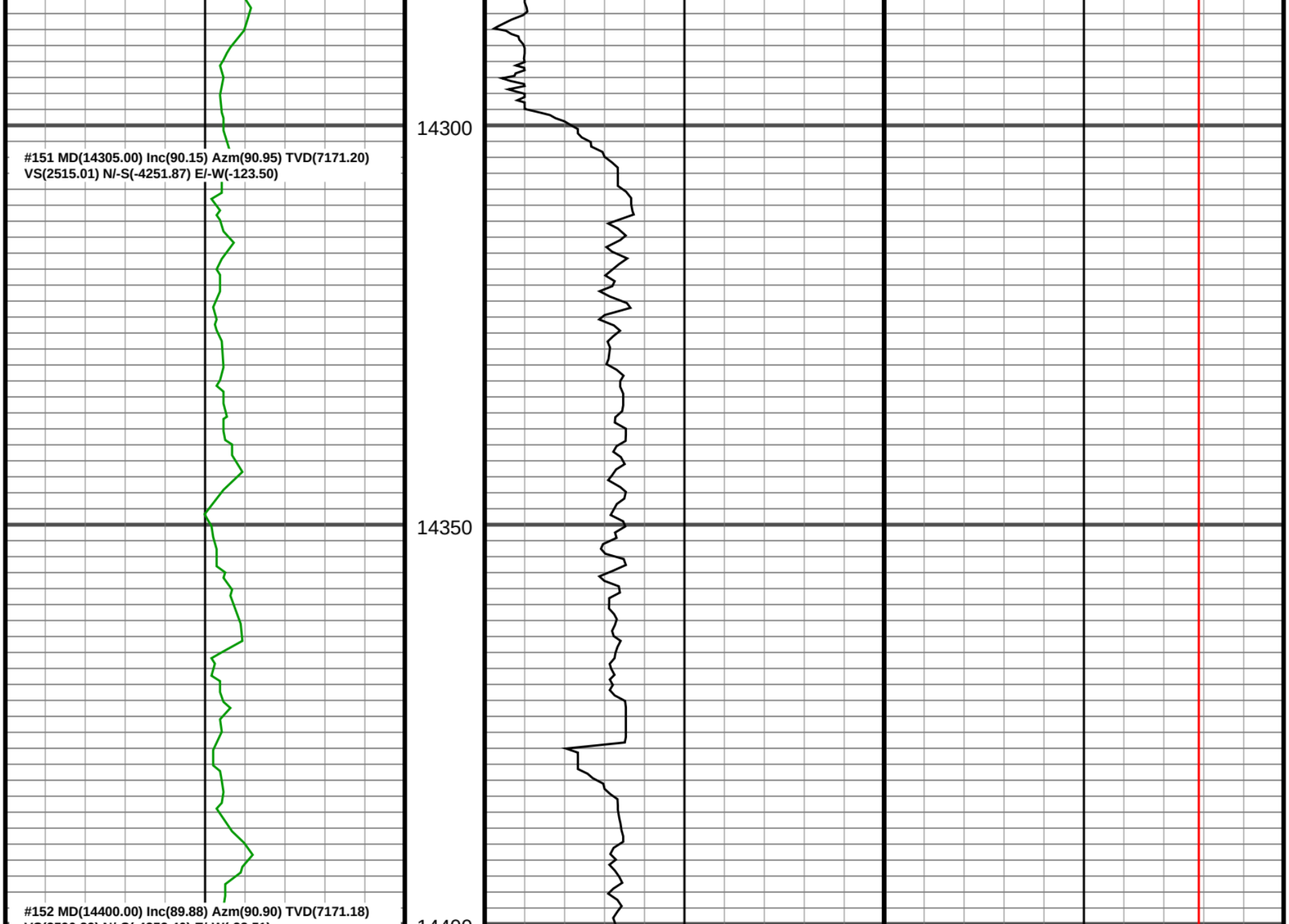
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#151 MD(14305.00) Inc(90.15) Azm(90.95) TVD(7171.20)
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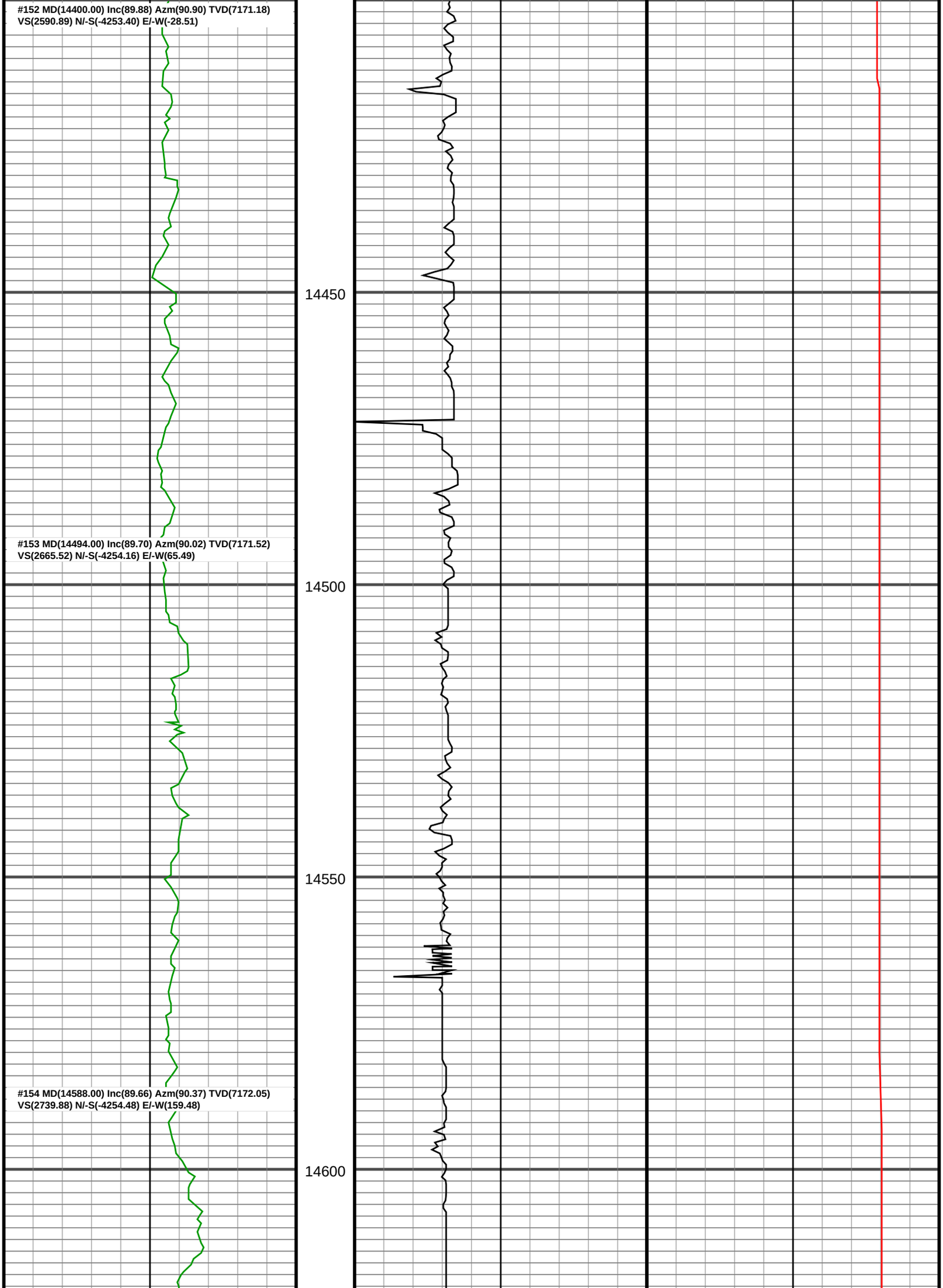
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#153 MD(14494.00) Inc(89.70) Azm(90.02) TVD(7171.52)
VS(2665.52) N/-S(-4254.16) E/-W(65.49)
#154 MD(14588.00) Inc(89.66) Azm(90.37) TVD(7172.05)
VS(2739.88) N/-S(-4254.48) E/-W(159.48)
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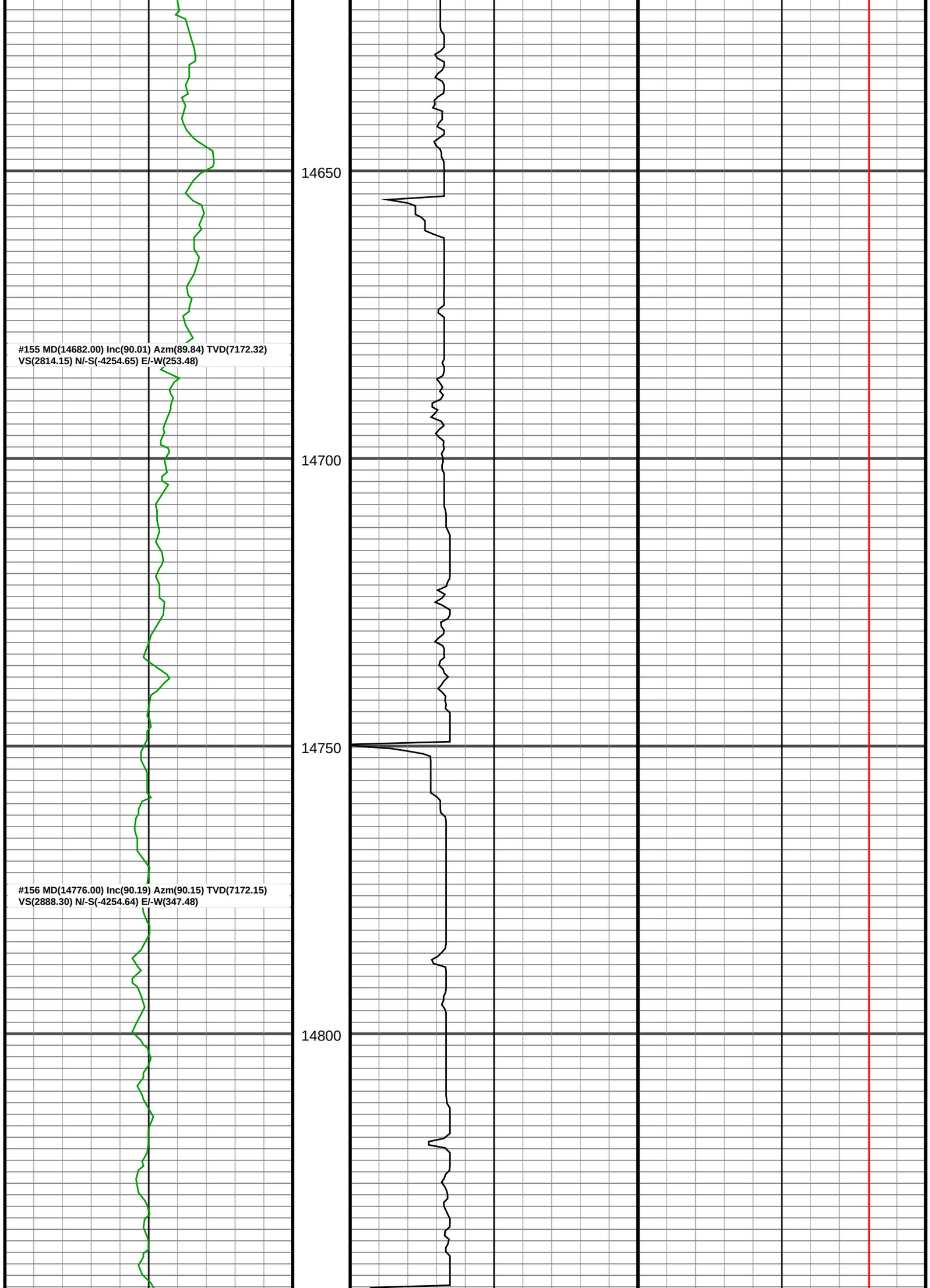
14500
14550
14600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#155 MD(14682.00) Inc(90.01) Azm(89.84) TVD(7172.32)
VS(2814.15) N/-S(-4254.65) E/-W(253.48)
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14750
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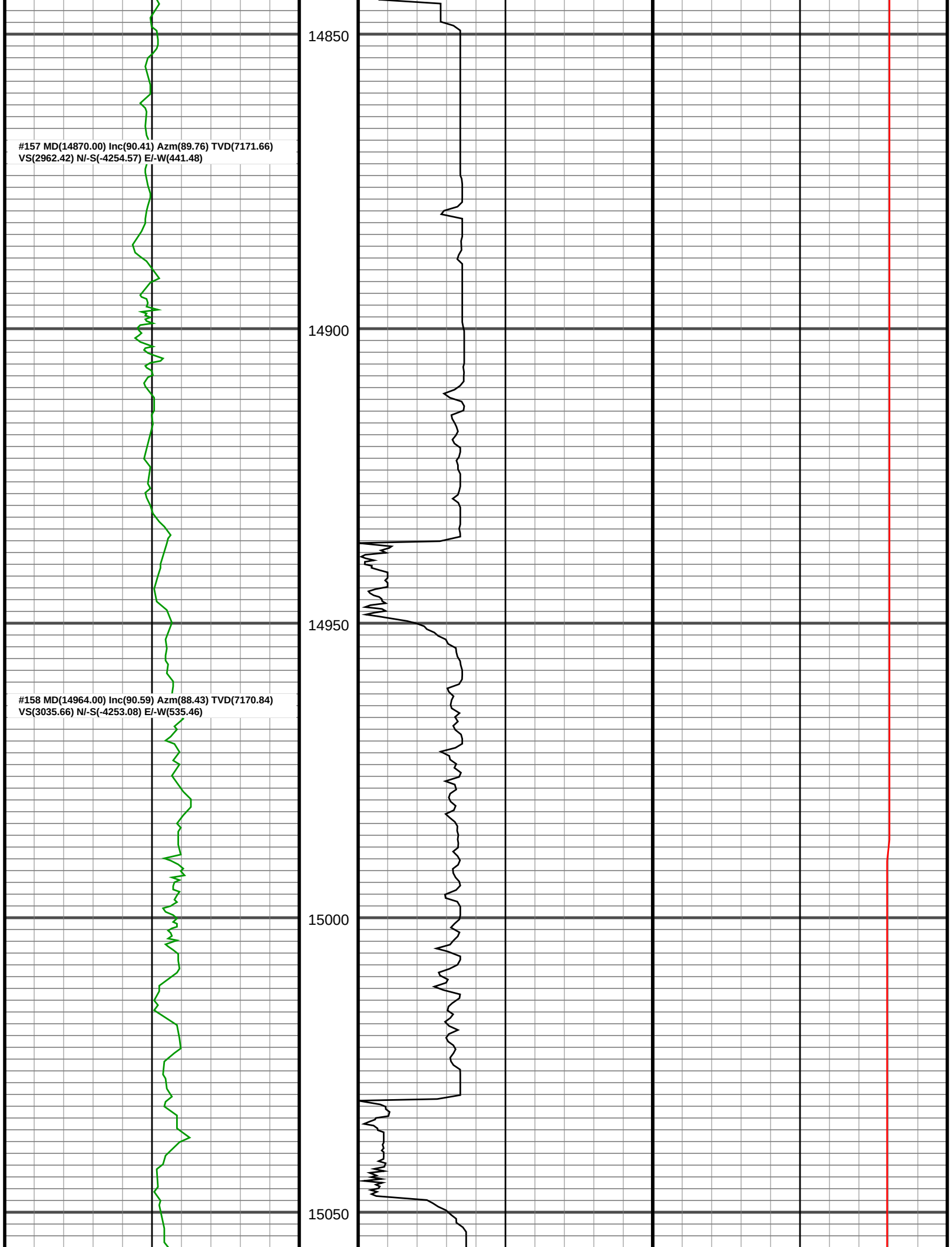
VS(2888.30) N/-S(-4254.64) E/-W(347.48)
14800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#157 MD(14870.00) Inc(90.41) Azm(89.76) TVD(7171.66)
VS(2962.42) N/-S(-4254.57) E/-W(441.48)
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#158 MD(14964.00) Inc(90.59) Azm(88.43) TVD(7170.84)
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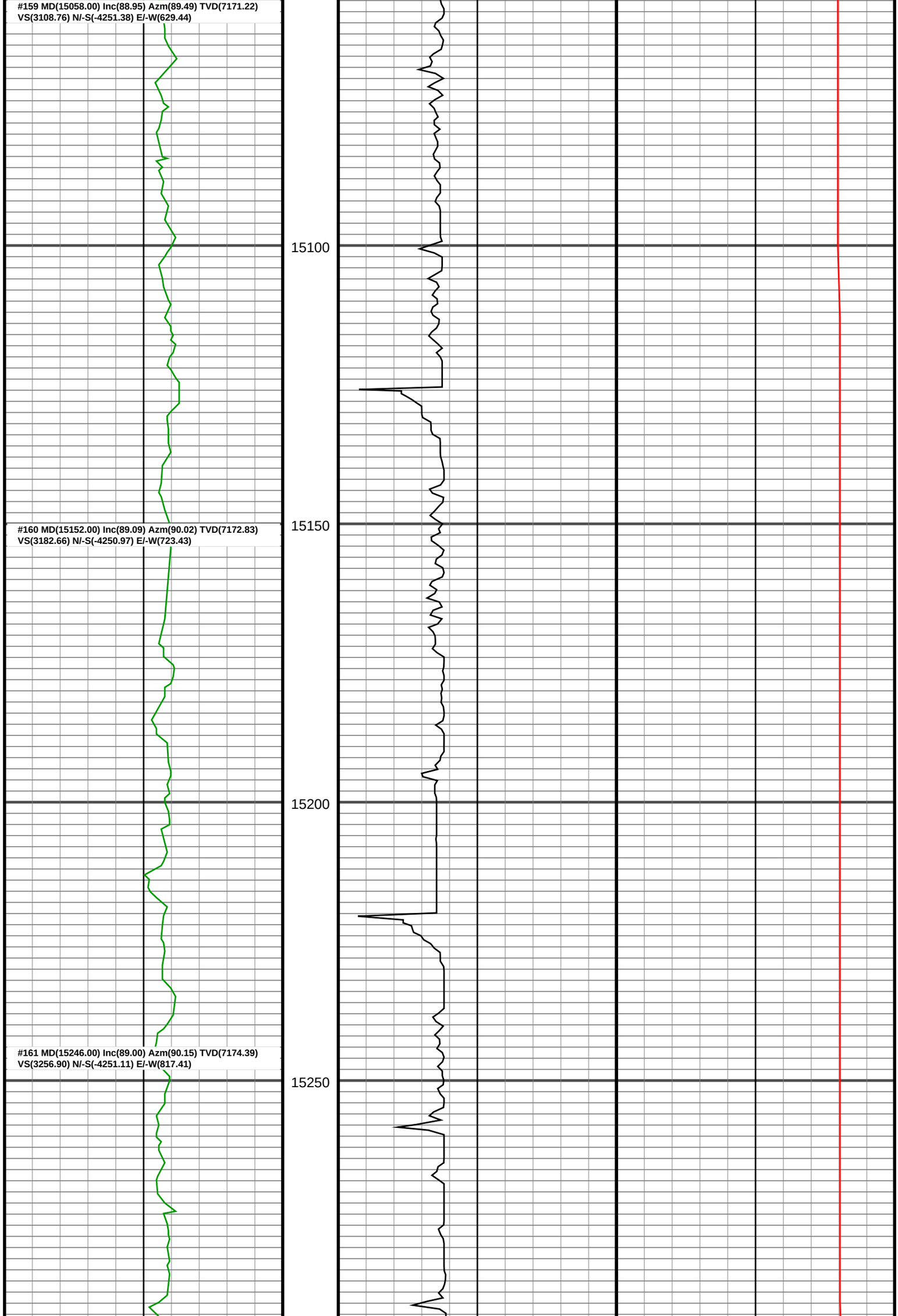
15050


#159 MD(15058.00) Inc(88.95) Azm(89.49) TVD(7171.22)
VS(3108.76) N/-S(-4251.38) E/-W(629.44)
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#160 MD(15152.00) Inc(89.09) Azm(90.02) TVD(7172.83)
VS(3182.66) N/-S(-4250.97) E/-W(723.43)
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VS(3256.90) N/-S(-4251.11) E/-W(817.41)
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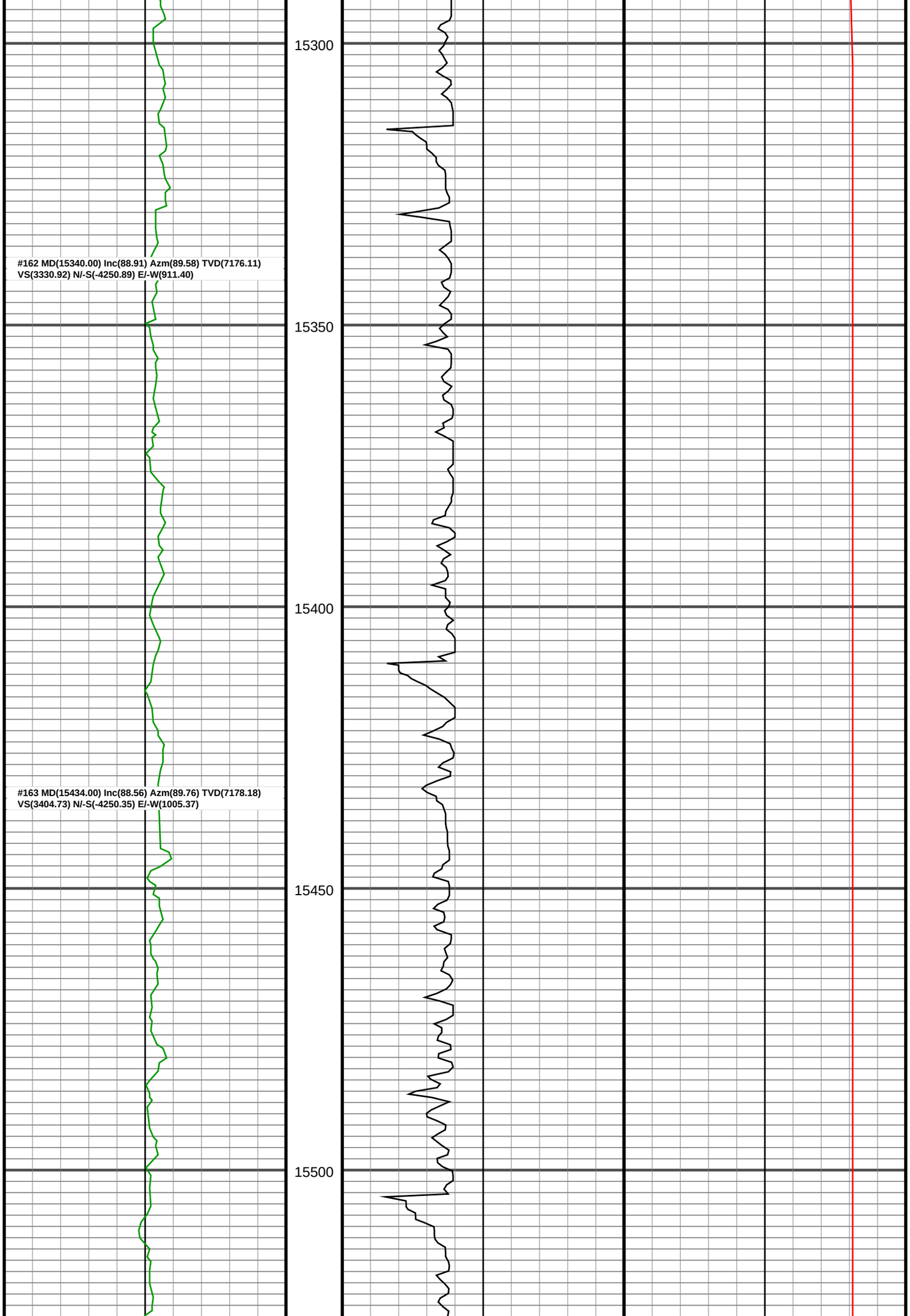
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#162 MD(15340.00) Inc(88.91) Azm(89.58) TVD(7176.11)
VS(3330.92) N/-S(-4250.89) E/-W(911.40)
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#163 MD(15434.00) Inc(88.56) Azm(89.76) TVD(7178.18)
VS(3404.73) N/-S(-4250.35) E/-W(1005.37)
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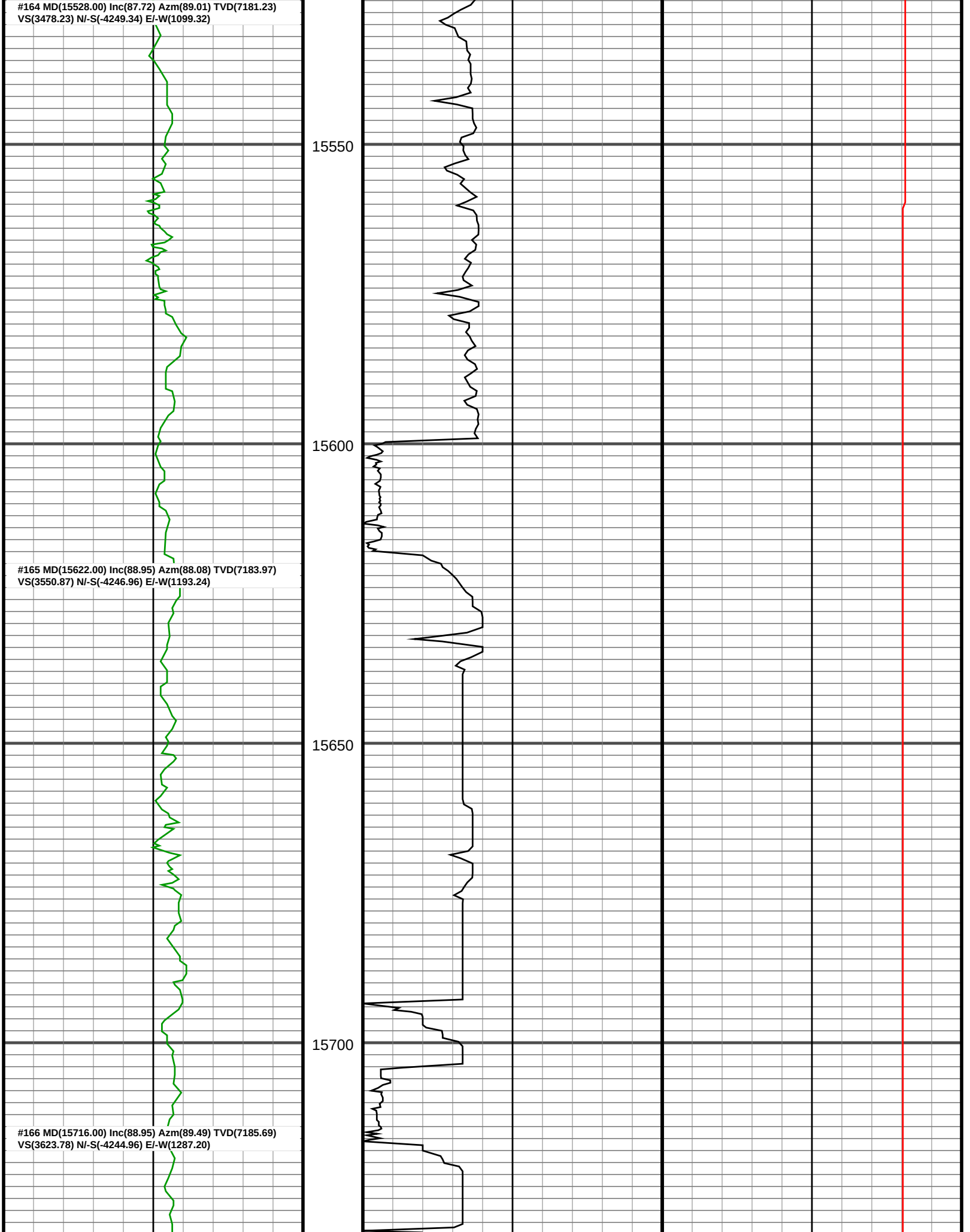
15500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VS(3478.23) N/-S(-4249.34) E/-W(1099.32)
15550
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#165 MD(15622.00) Inc(88.95) Azm(88.08) TVD(7183.97)
VS(3550.87) N/-S(-4246.96) E/-W(1193.24)
15650
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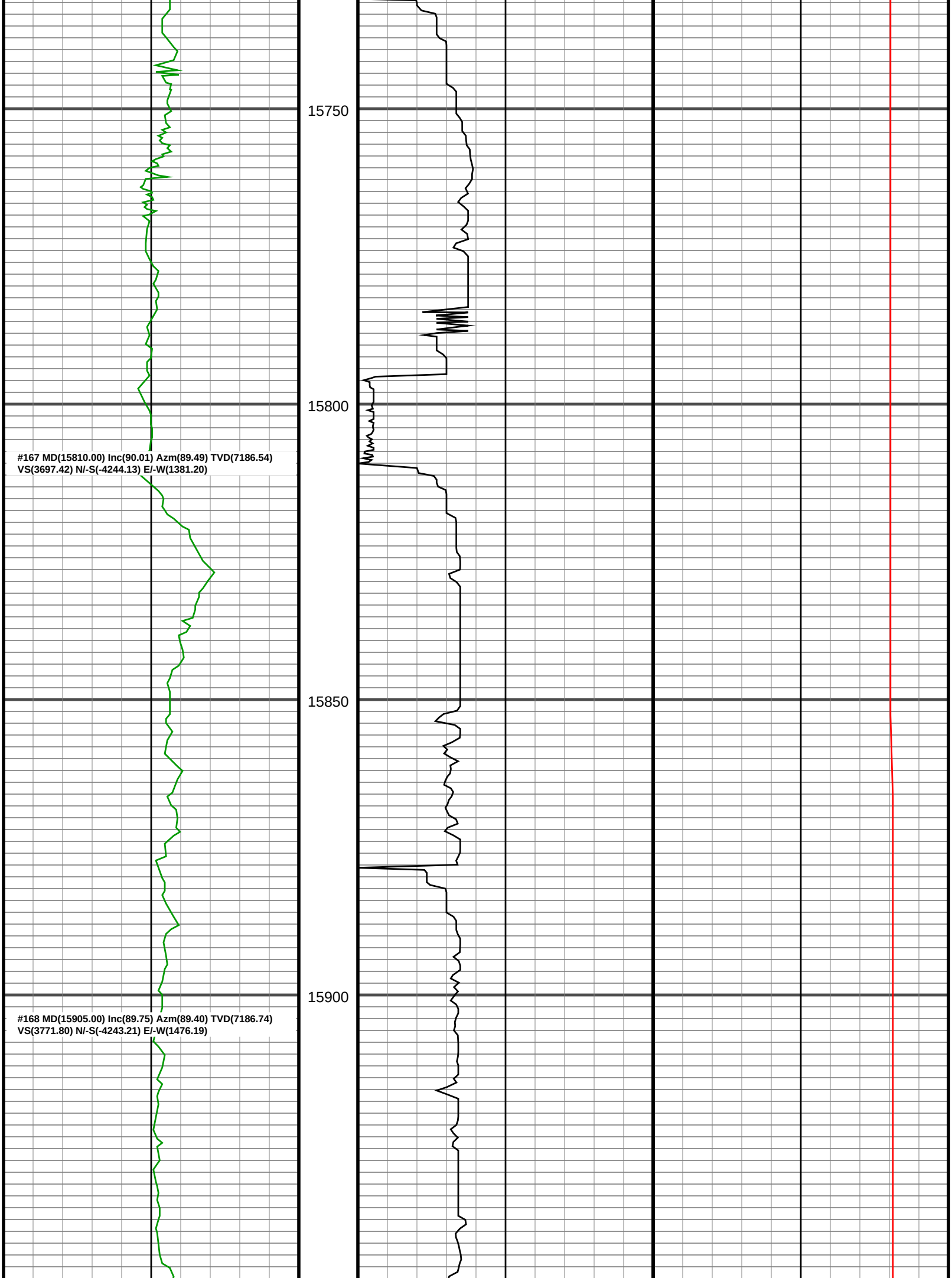
VS(3623.78) N/-S(-4244.96) E/-W(1287.20)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VS(3697.42) N/-S(-4244.13) E/-W(1381.20)
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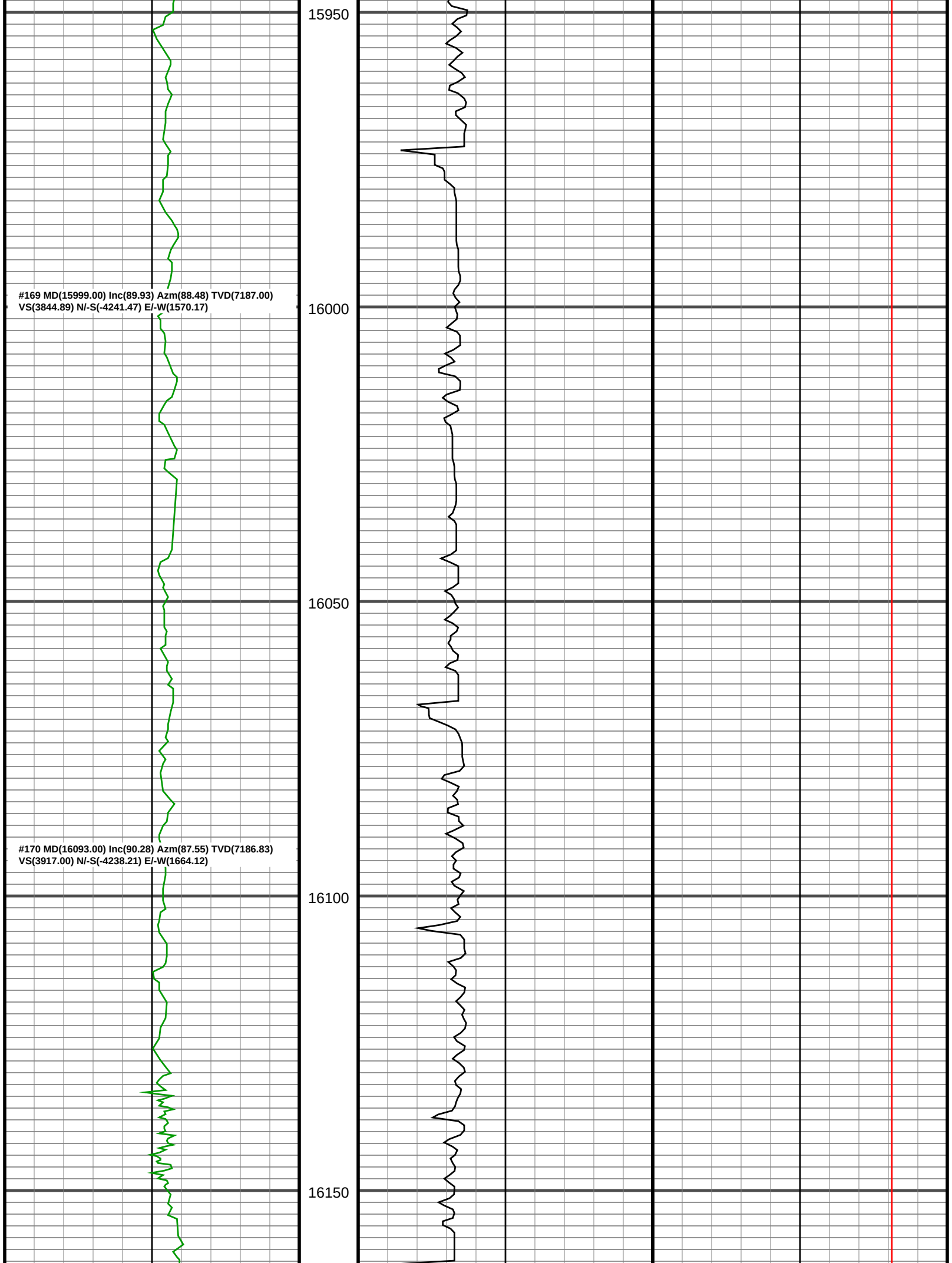
VS(3771.80) N/-S(-4243.21) E/-W(1476.19)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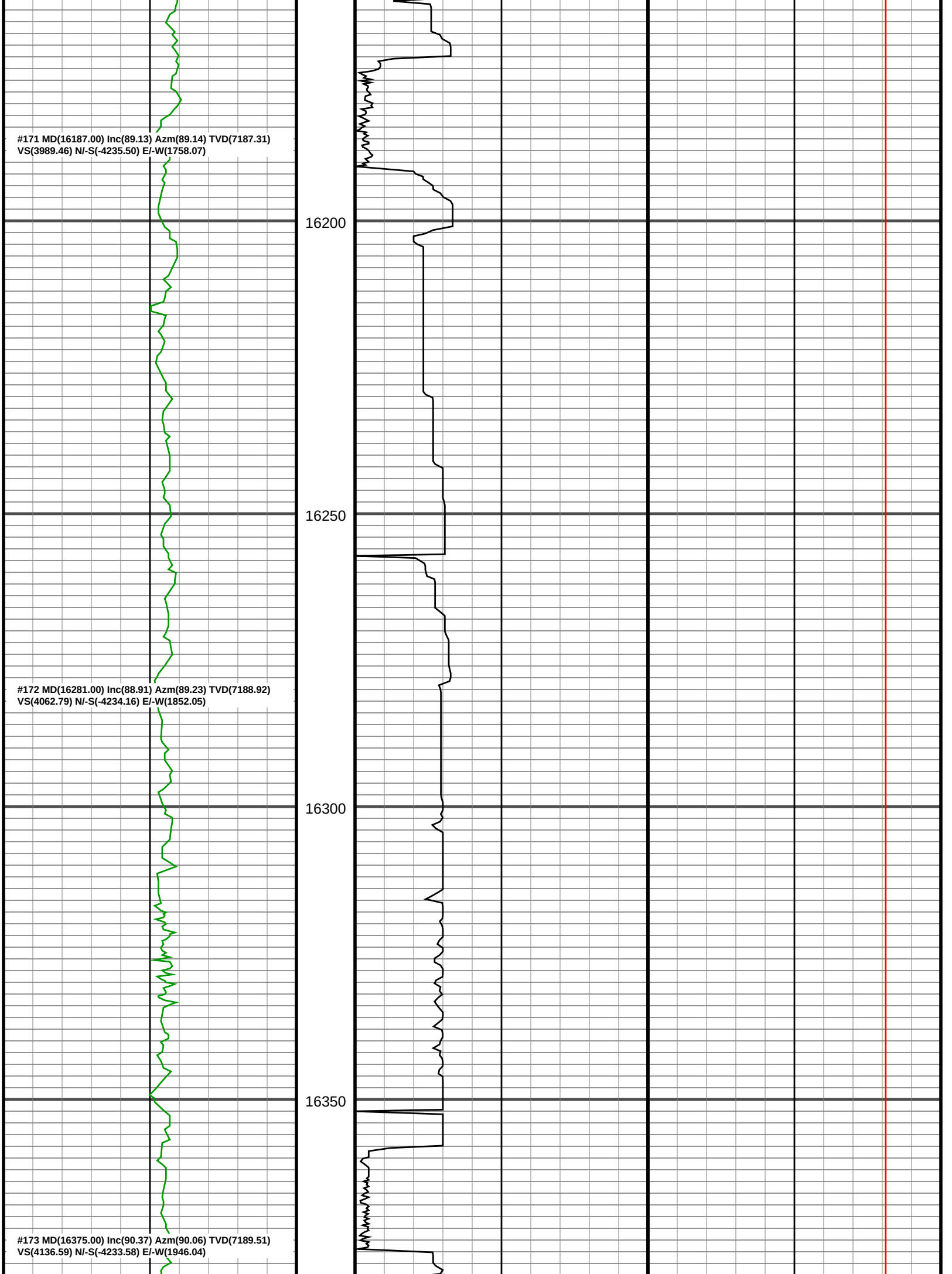
VS(3917.00) N/-S(-4238.21) E/-W(1664.12)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VS(3989.46) N/-S(-4235.50) E/-W(1758.07)
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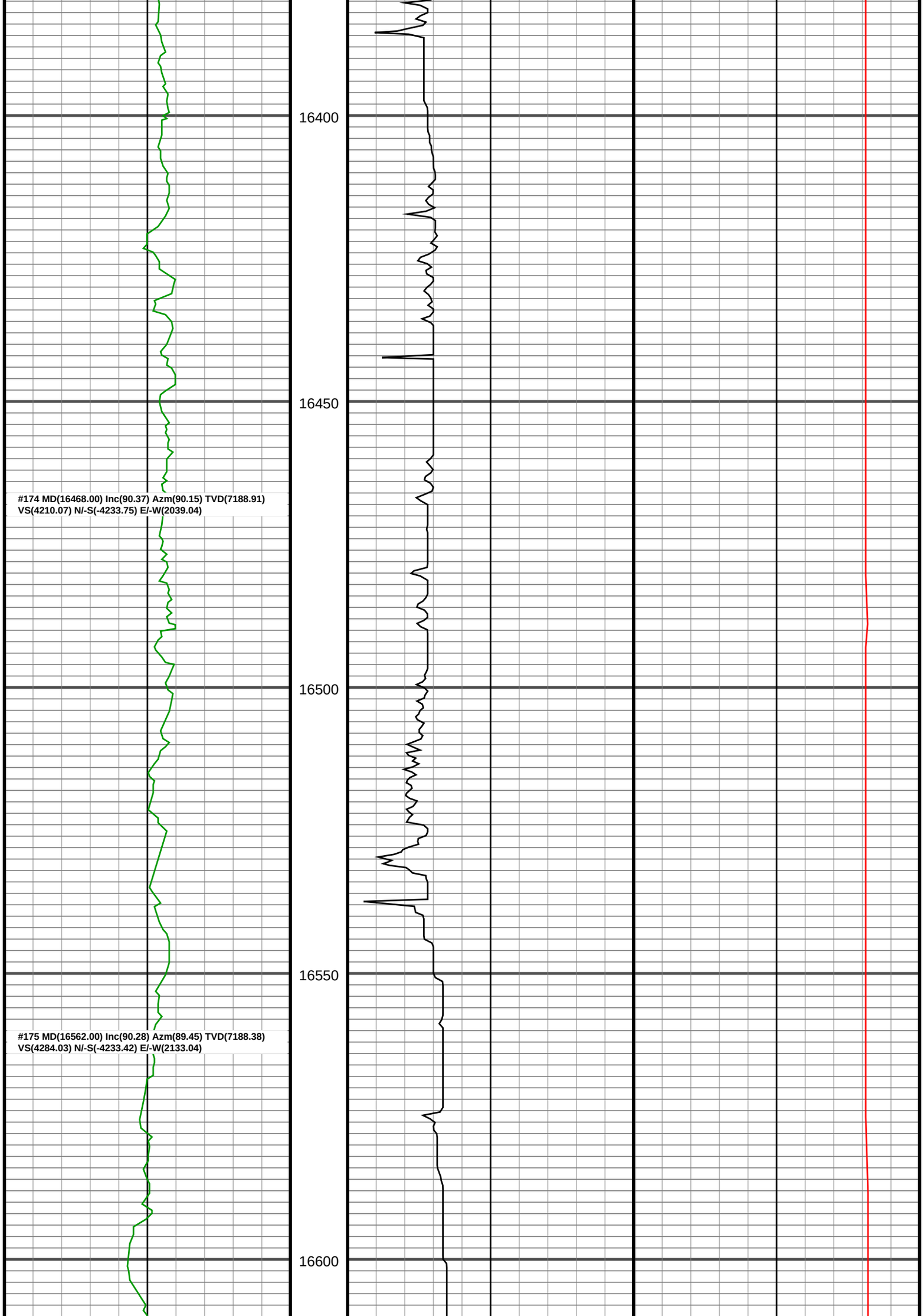
16250
#172 MD(16281.00) Inc(88.91) Azm(89.23) TVD(7188.92)
VS(4062.79) N/-S(-4234.16) E/-W(1852.05)
16300
16350
#173 MD(16375.00) Inc(90.37) Azm(90.06) TVD(7189.51)
VS(4136.59) N/-S(-4233.58) E/-W(1946.04)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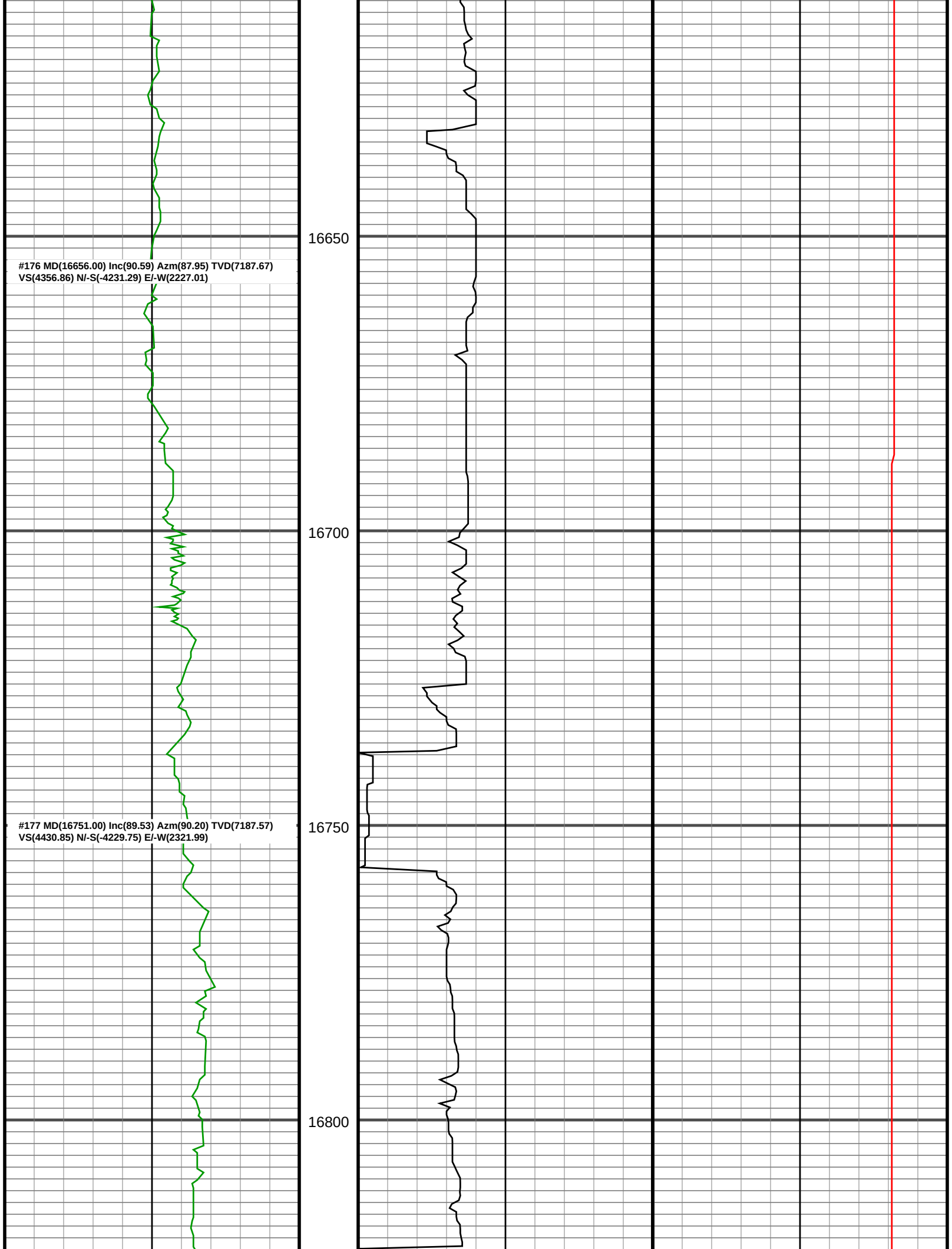
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#176 MD(16656.00) Inc(90.59) Azm(87.95) TVD(7187.67)
VS(4356.86) N/-S(-4231.29) E/-W(2227.01)
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16750
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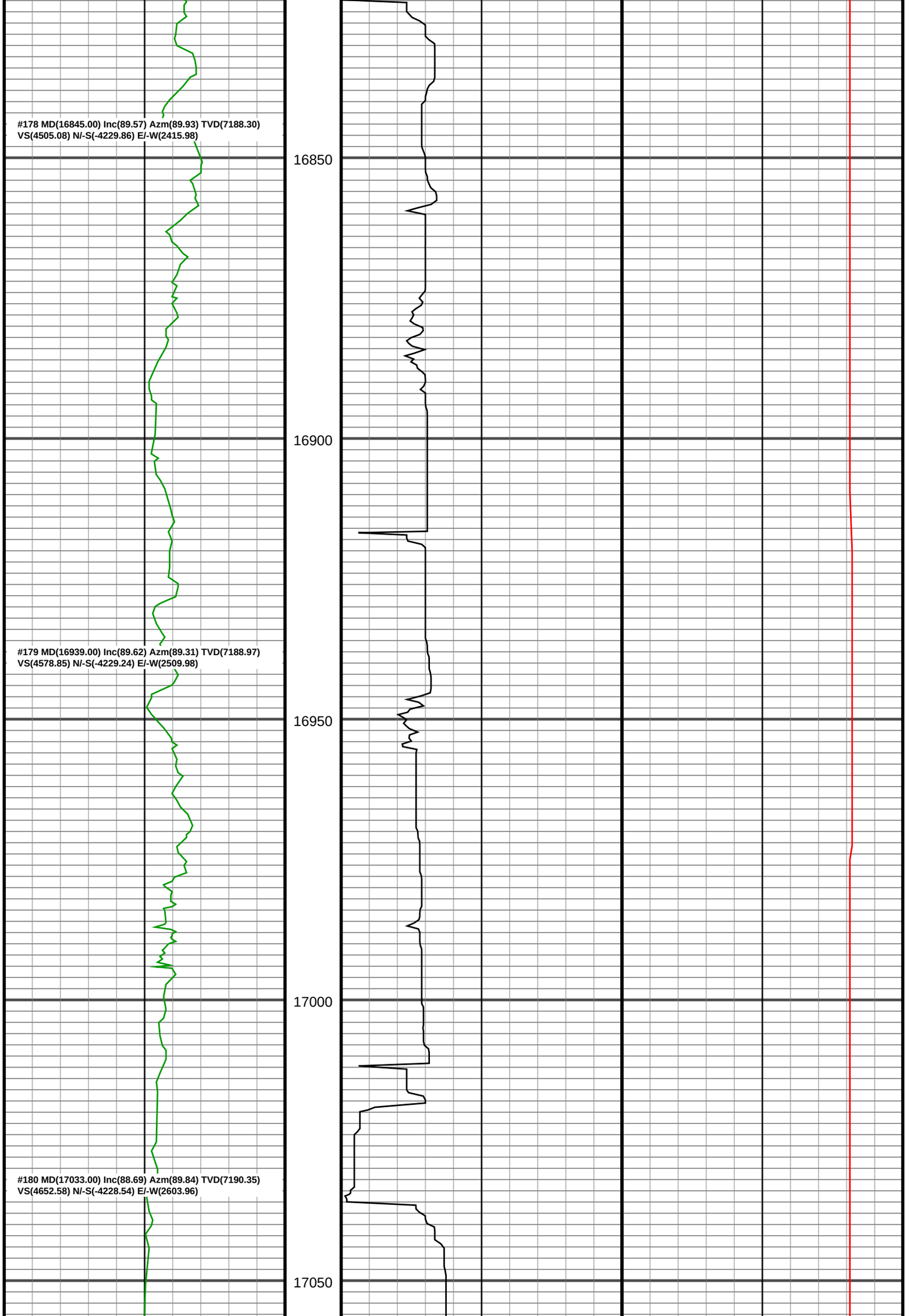
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VS(4505.08) N/-S(-4229.86) E/-W(2415.98)
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#179 MD(16939.00) Inc(89.62) Azm(89.31) TVD(7188.97)
VS(4578.85) N/-S(-4229.24) E/-W(2509.98)
16950
17000
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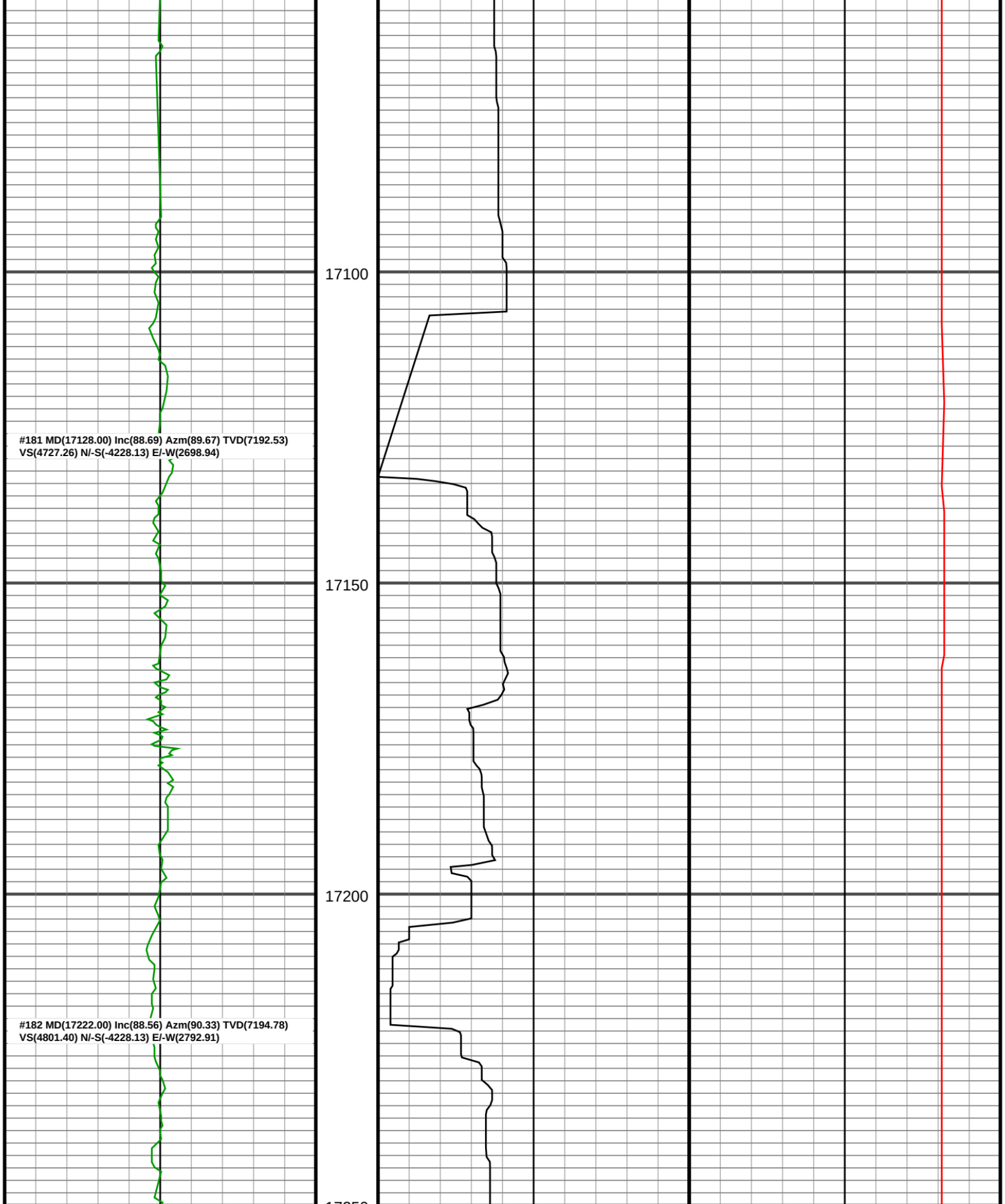
17050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#181 MD(17128.00) Inc(88.69) Azm(89.67) TVD(7192.53)
VS(4727.26) N/-S(-4228.13) E/-W(2698.94)
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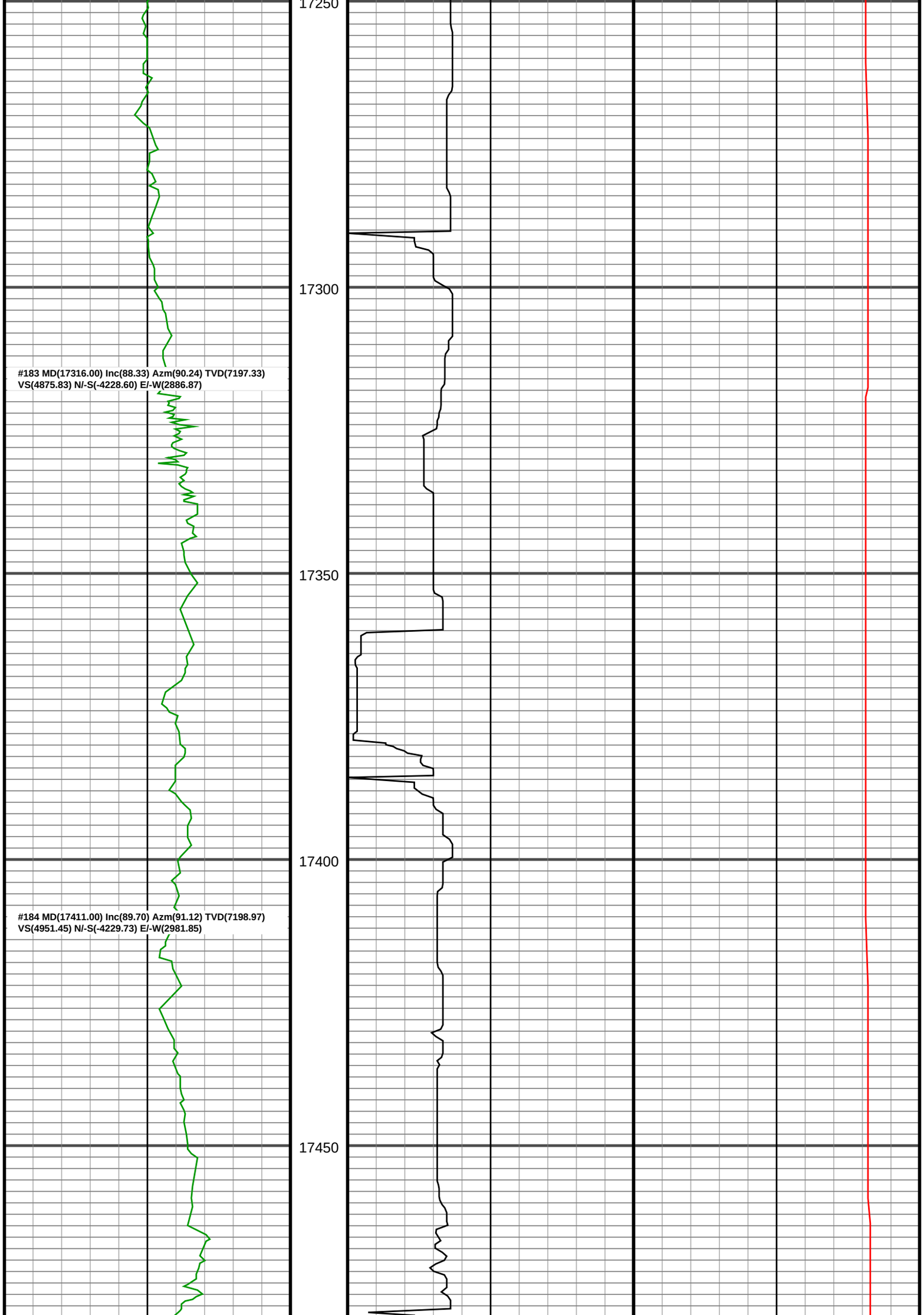
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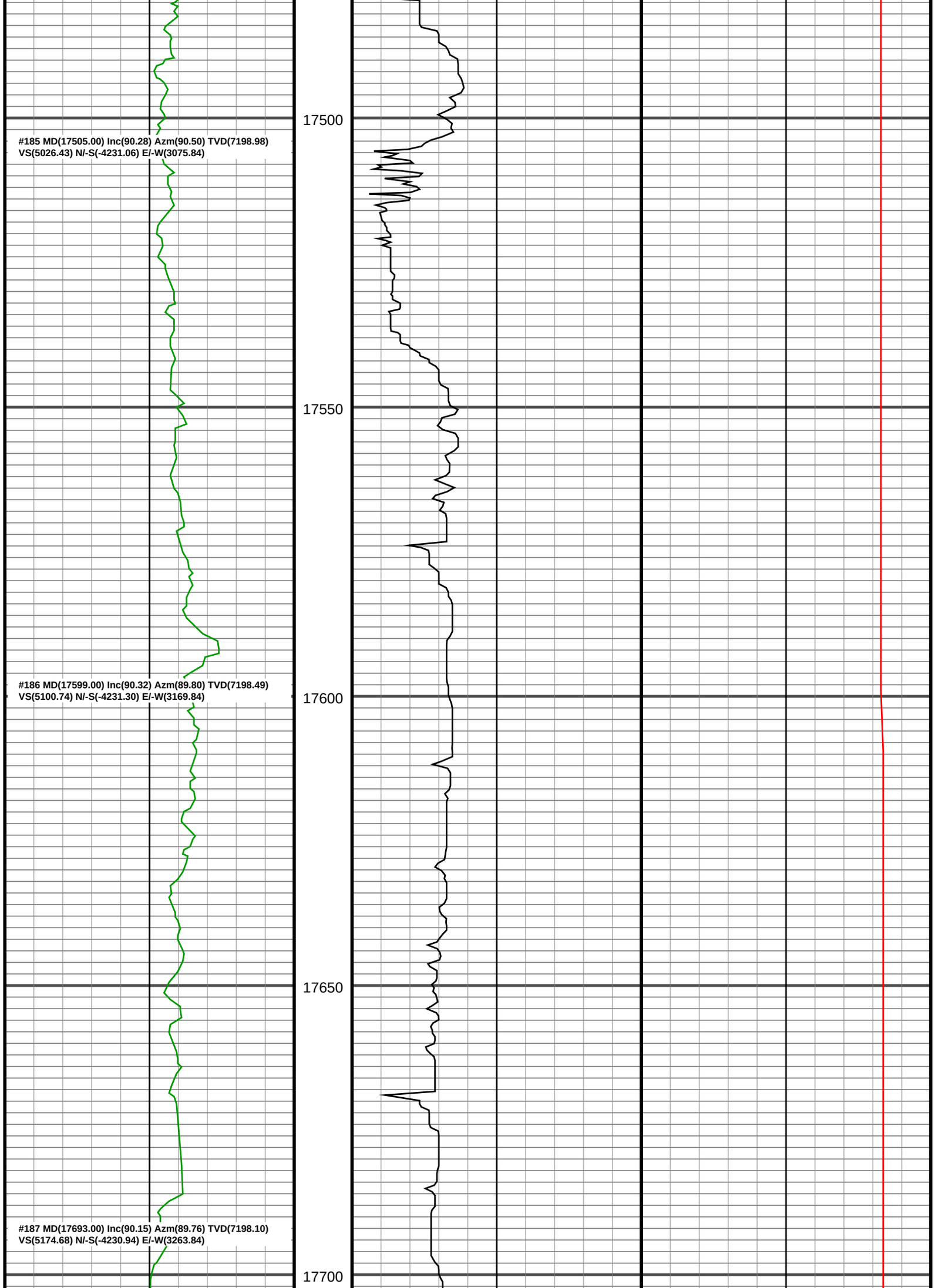
#183 MD(17316.00) Inc(88.33) Azm(90.24) TVD(7197.33)
VS(4875.83) N/-S(-4228.60) E/-W(2886.87)
#184 MD(17411.00) Inc(89.70) Azm(91.12) TVD(7198.97)
VS(4951.45) N/-S(-4229.73) E/-W(2981.85)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#185 MD(17505.00) Inc(90.28) Azm(90.50) TVD(7198.98)
VS(5026.43) N/-S(-4231.06) E/-W(3075.84)
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#186 MD(17599.00) Inc(90.32) Azm(89.80) TVD(7198.49)
VS(5100.74) N/-S(-4231.30) E/-W(3169.84)
17650
#187 MD(17693.00) Inc(90.15) Azm(89.76) TVD(7198.10)
VS(5174.68) N/-S(-4230.94) E/-W(3263.84)
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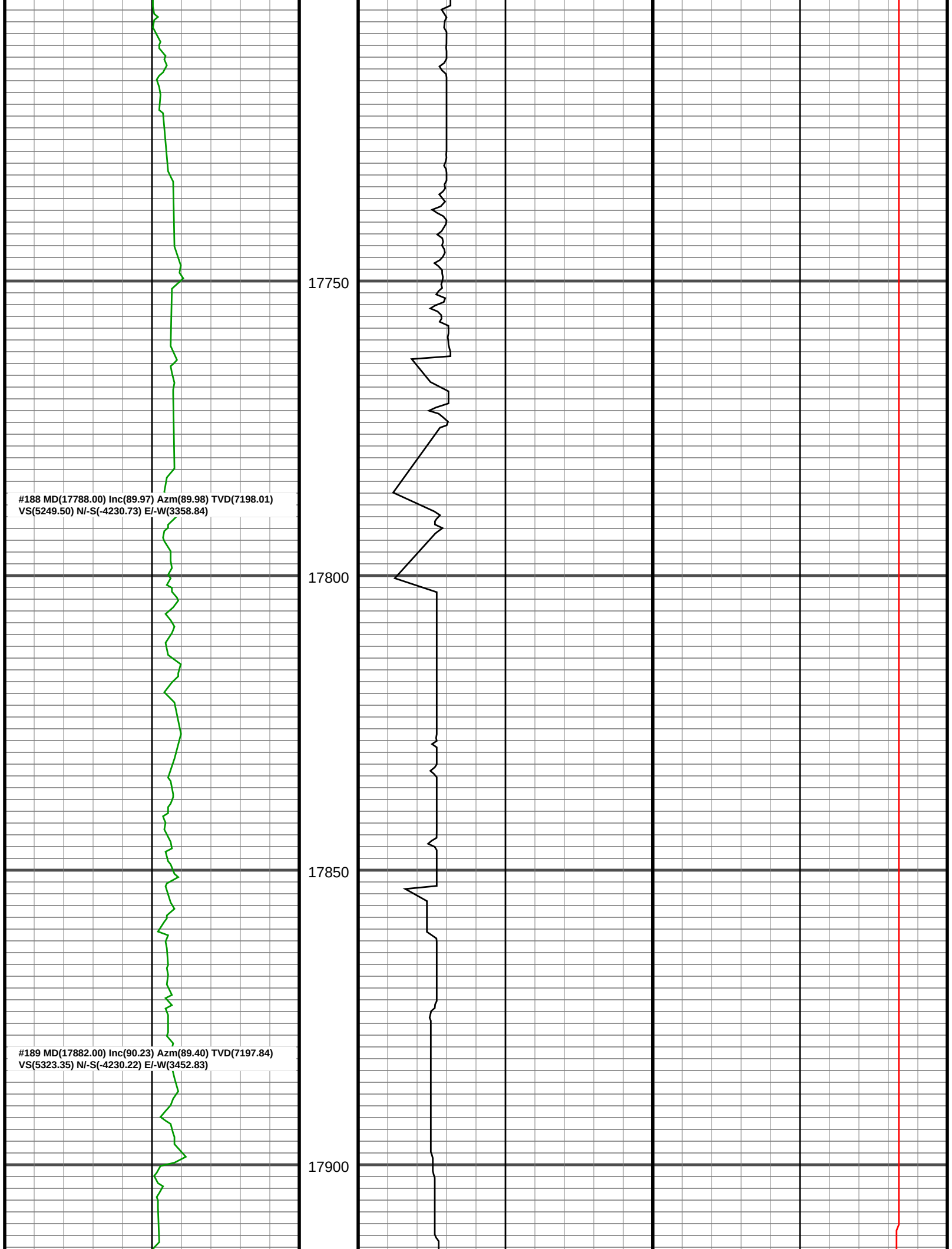
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#188 MD(17788.00) Inc(89.97) Azm(89.98) TVD(7198.01)
VS(5249.50) N/-S(-4230.73) E/-W(3358.84)
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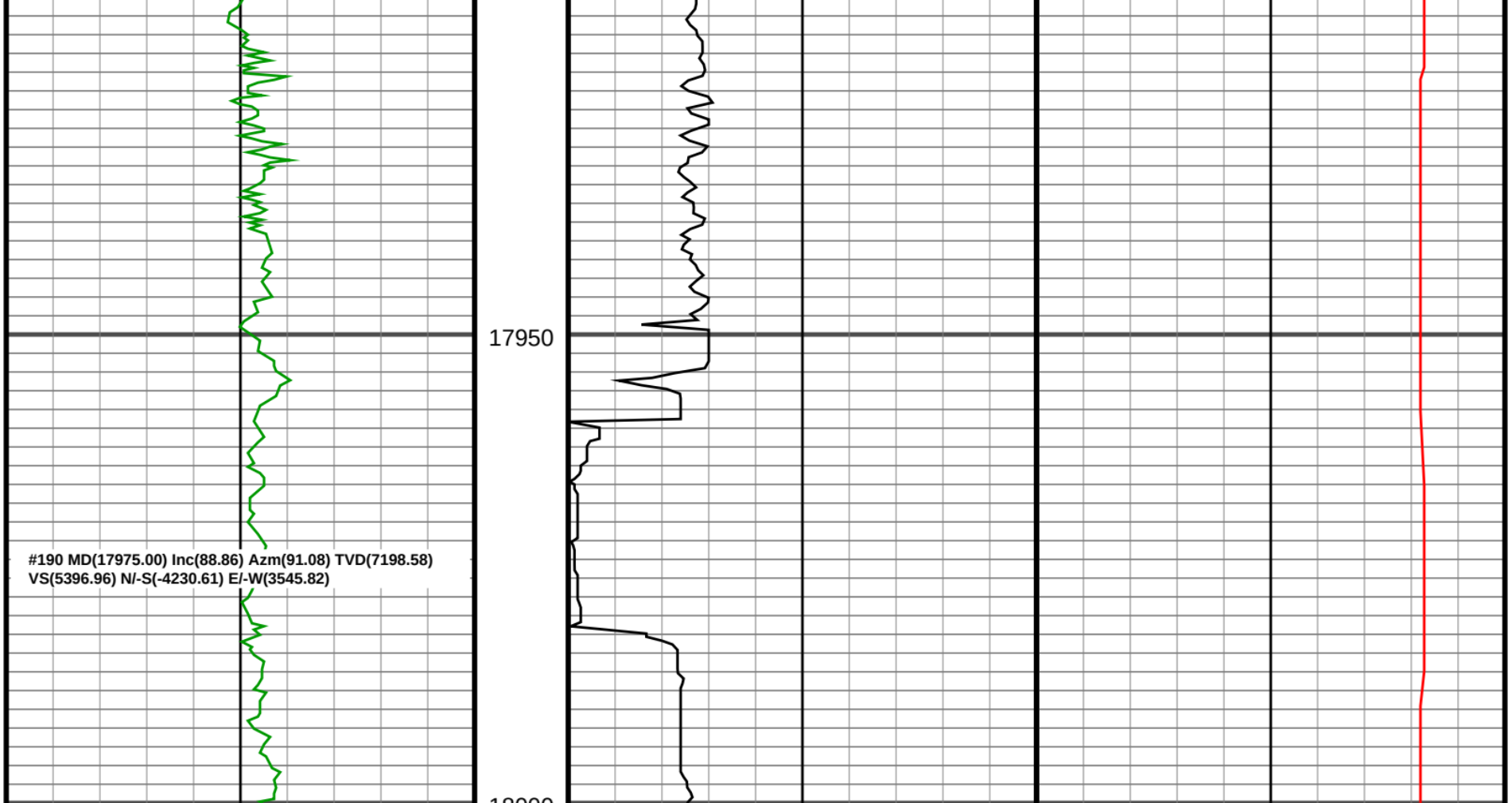
VS(5323.35) N/-S(-4230.22) E/-W(3452.83)
17900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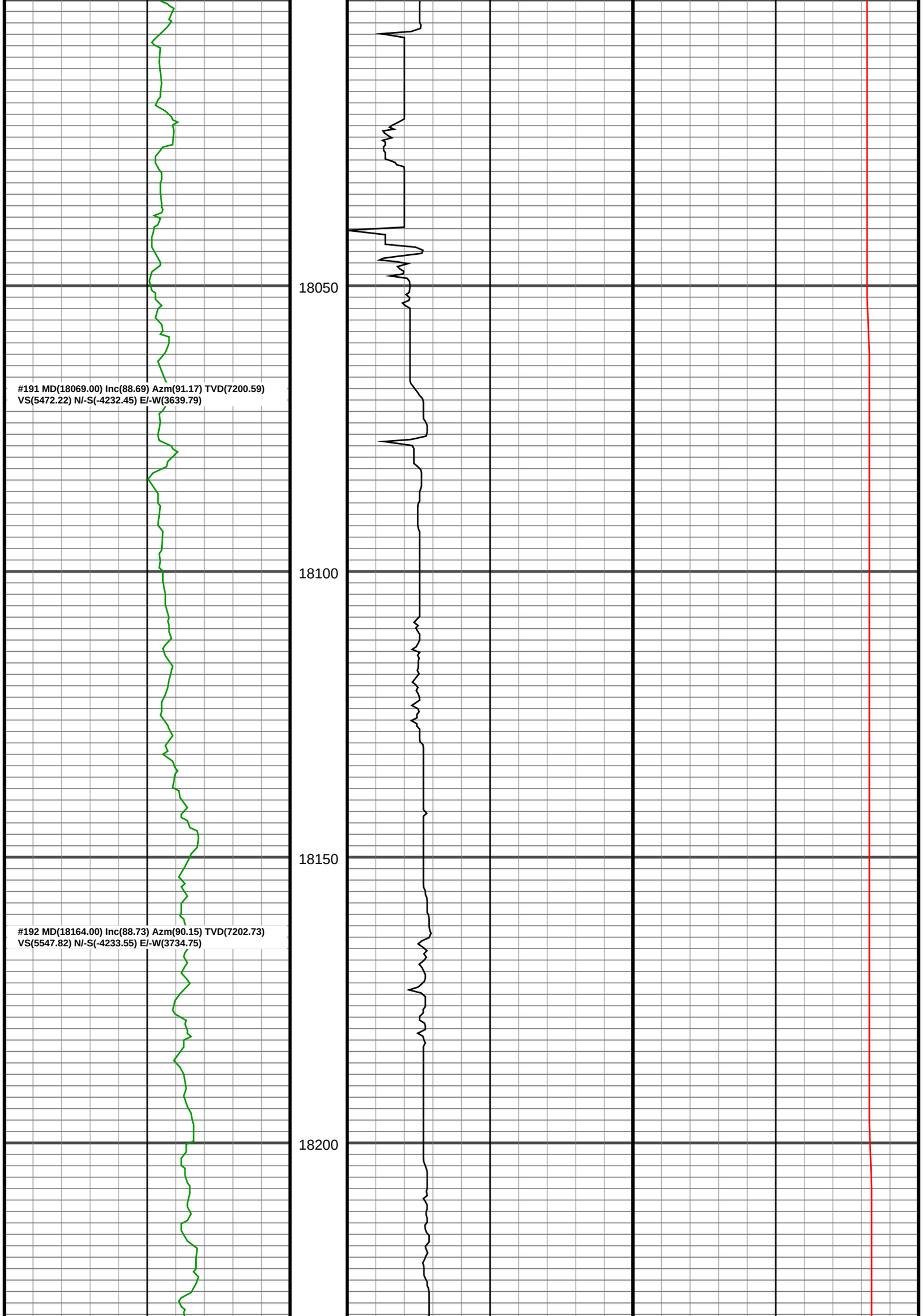
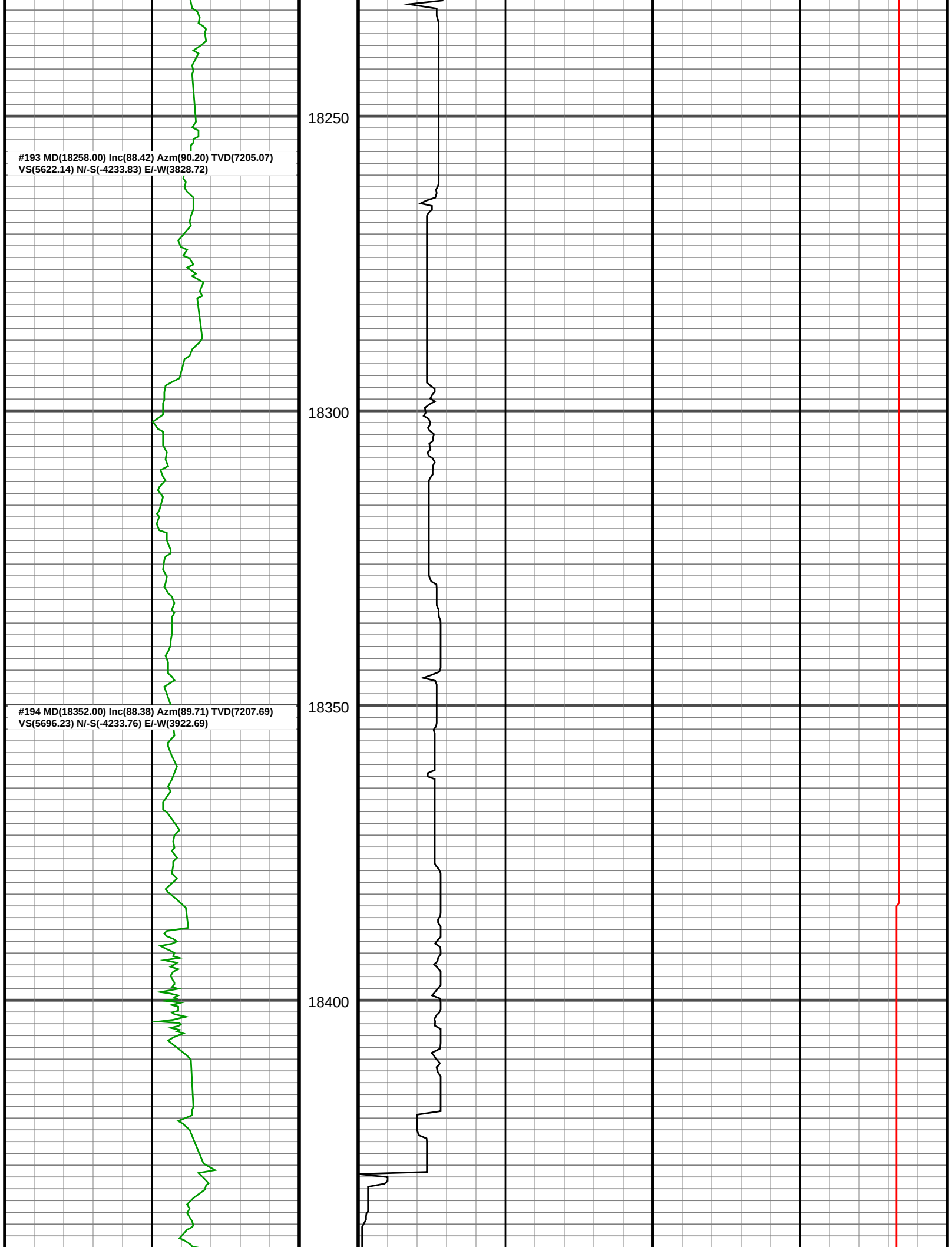
#190 MD(17975.00) Inc(88.86) Azm(91.08) TVD(7198.58)
VS(5396.96) N/-S(-4230.61) E/-W(3545.82)


18050
#191 MD(18069.00) Inc(88.69) Azm(91.17) TVD(7200.59)
VS(5472.22) N/-S(-4232.45) E/-W(3639.79)
18100
18150
#192 MD(18164.00) Inc(88.73) Azm(90.15) TVD(7202.73)
VS(5547.82) N/-S(-4233.55) E/-W(3734.75)
18200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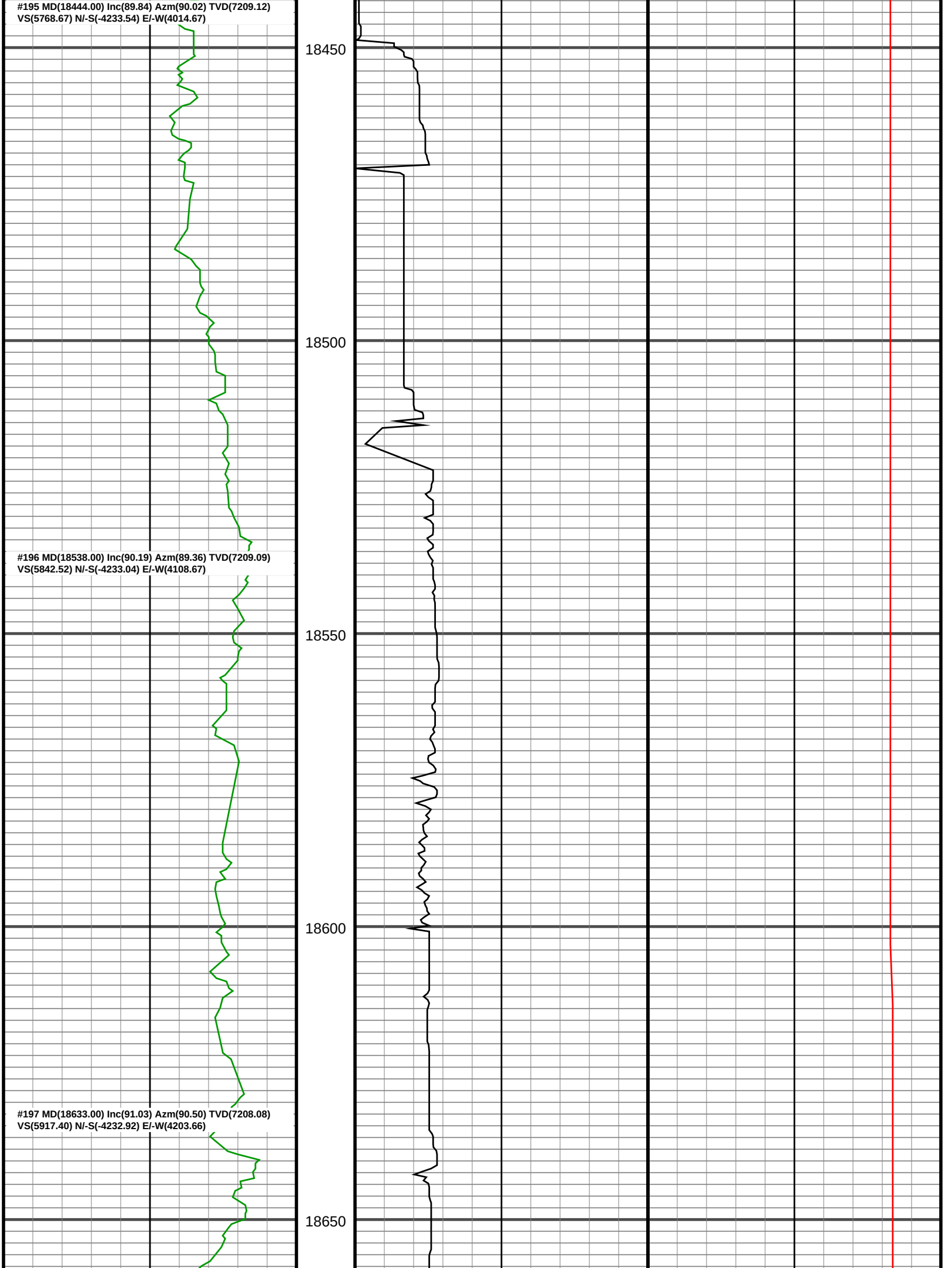
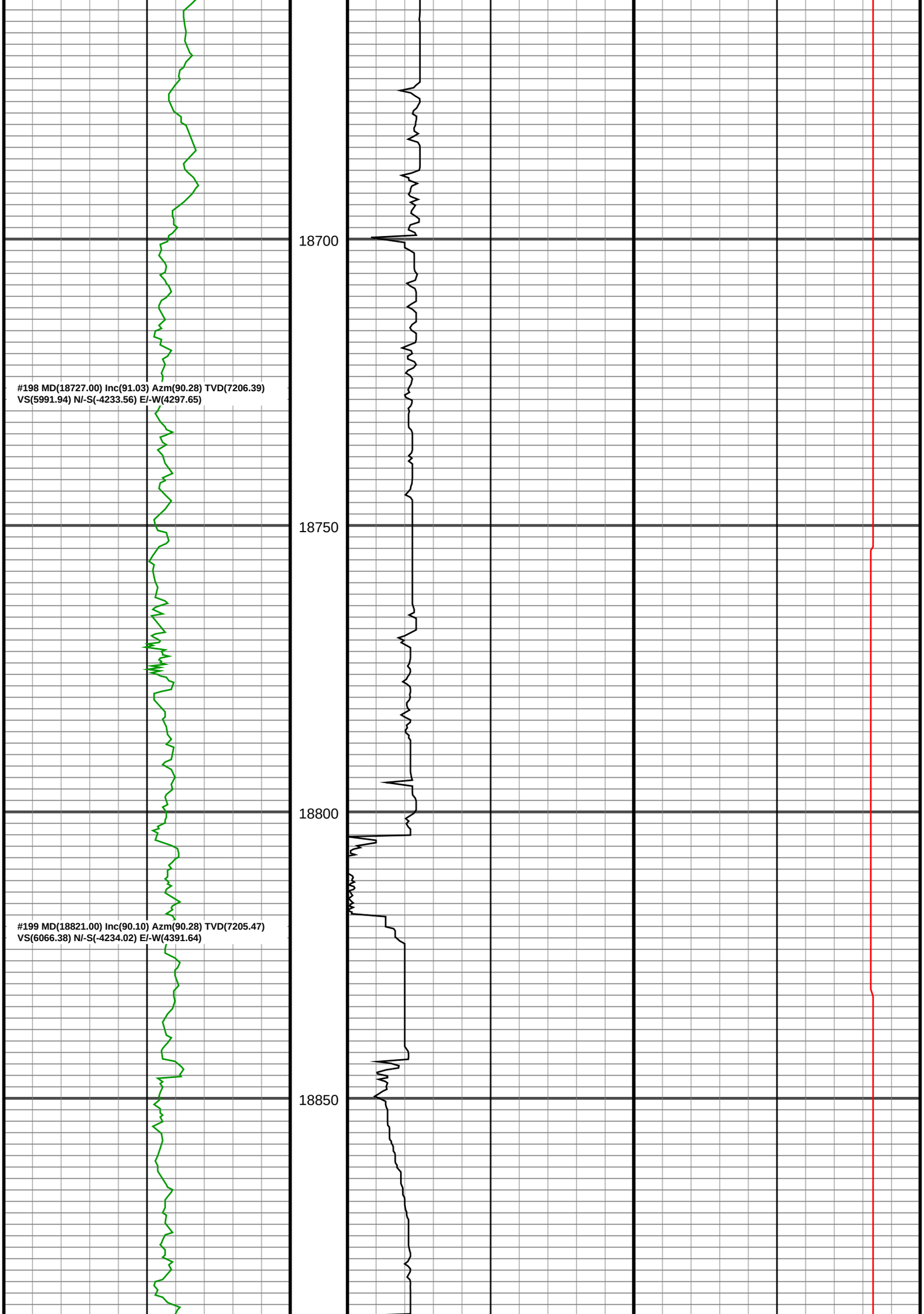
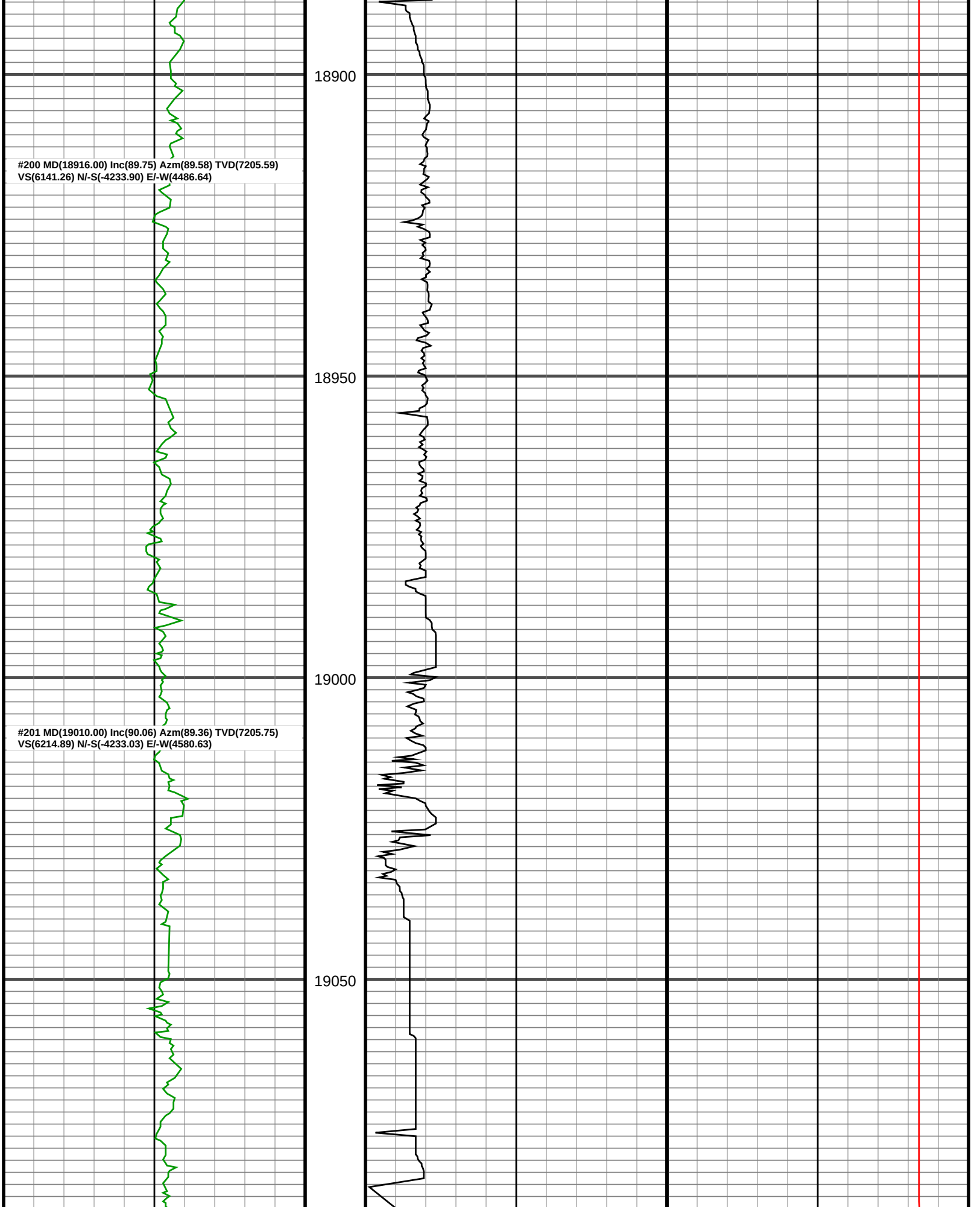
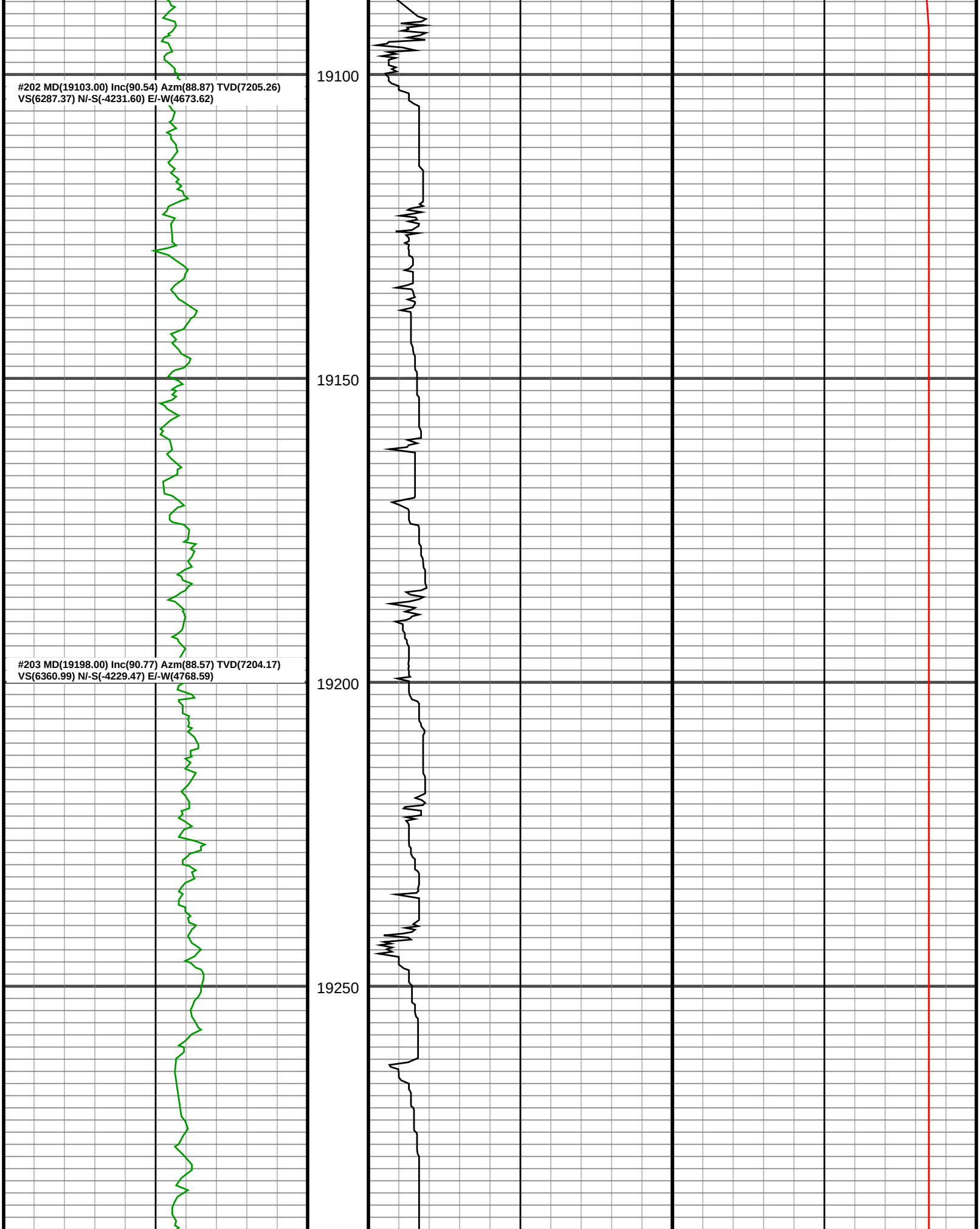
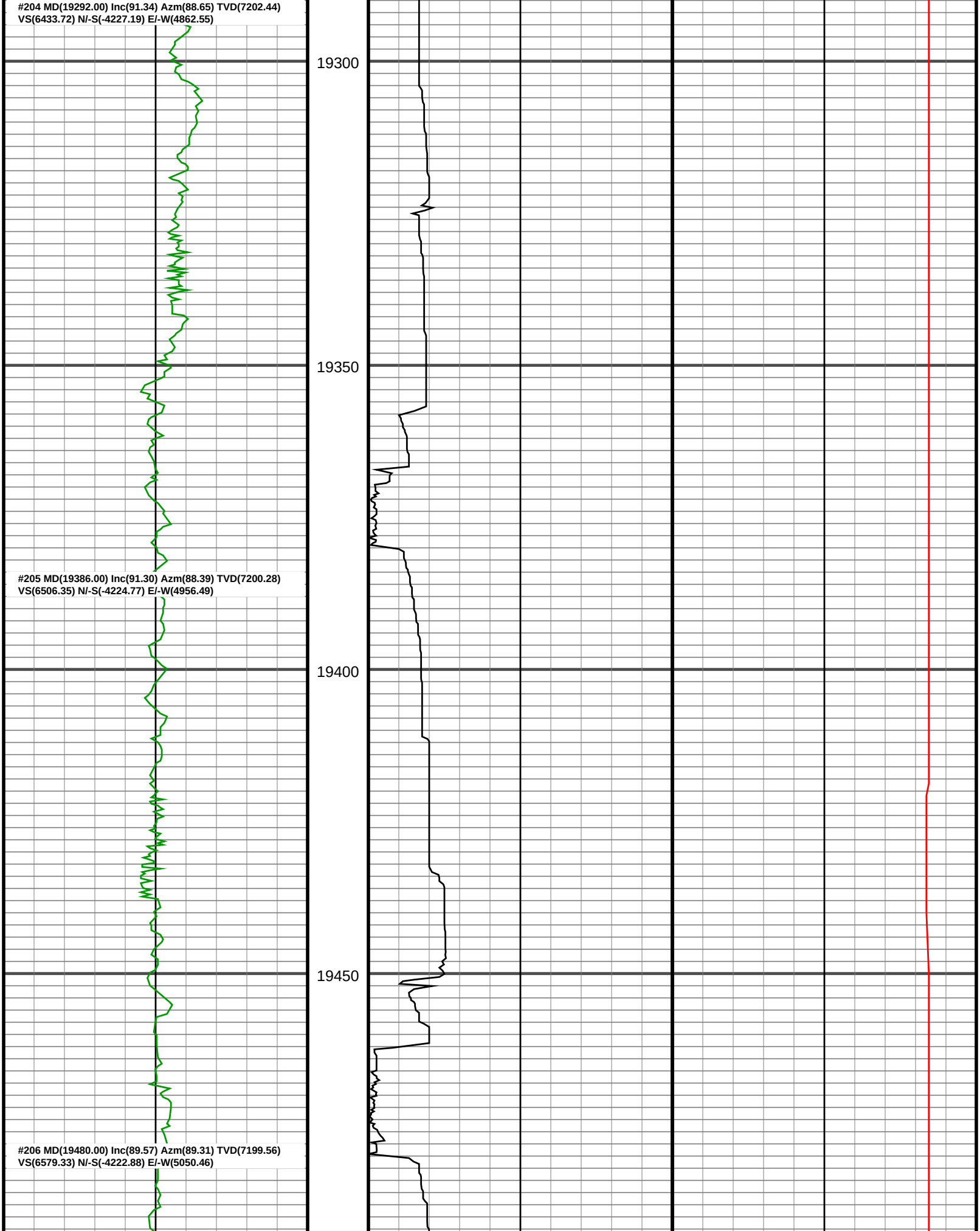
#193 MD(18258.00) Inc(88.42) Azm(90.20) TVD(7205.07)
VS(5622.14) N/-S(-4233.83) E/-W(3828.72)
18300
18350
#194 MD(18352.00) Inc(88.38) Azm(89.71) TVD(7207.69)
VS(5696.23) N/-S(-4233.76) E/-W(3922.69)
18400

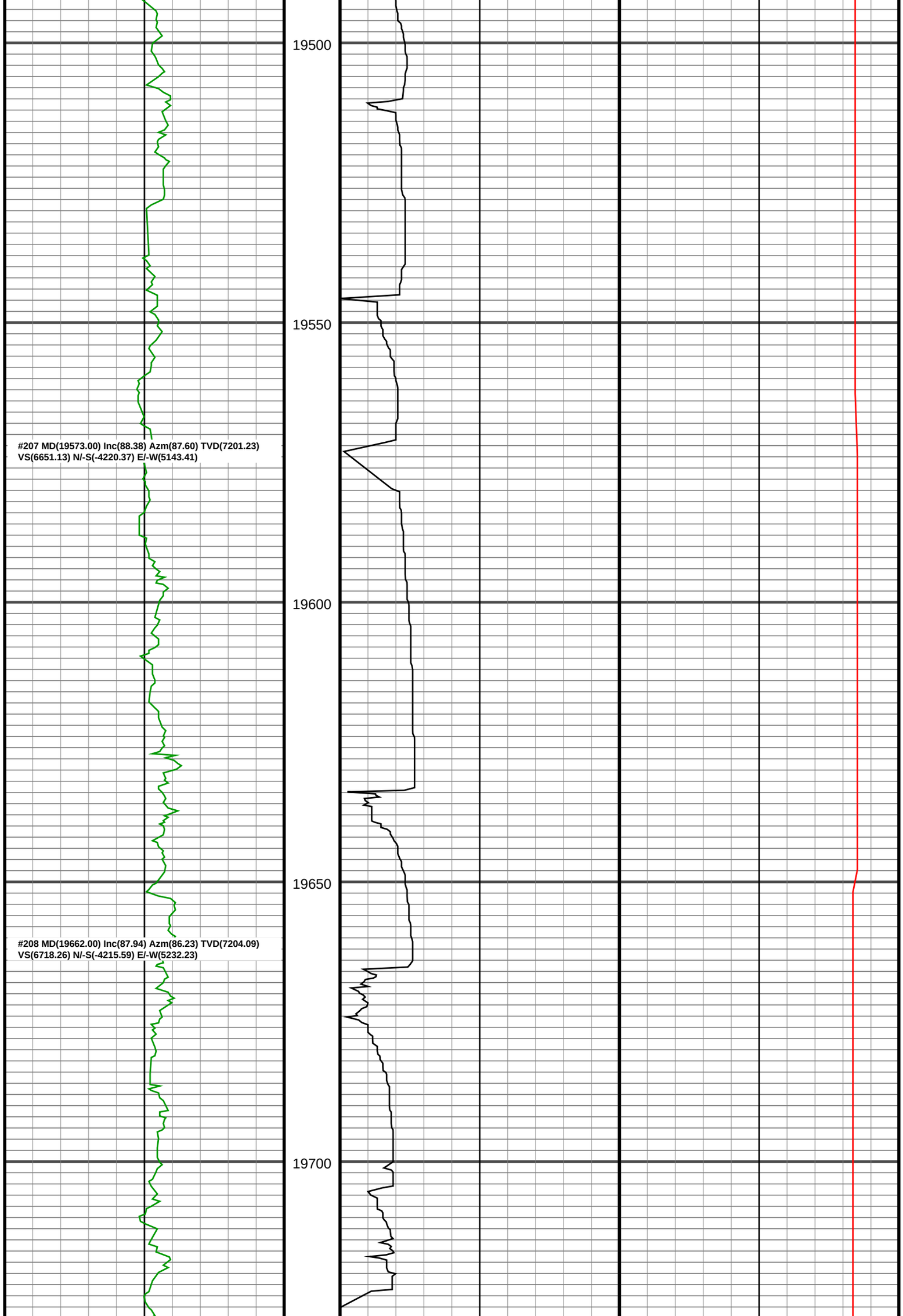

#195 MD(18444.00) Inc(89.84) Azm(90.02) TVD(7209.12)
VS(5768.67) N/-S(-4233.54) E/-W(4014.67)
18450
18500
#196 MD(18538.00) Inc(90.19) Azm(89.36) TVD(7209.09)
VS(5842.52) N/-S(-4233.04) E/-W(4108.67)
18550
18600
#197 MD(18633.00) Inc(91.03) Azm(90.50) TVD(7208.08)
VS(5917.40) N/-S(-4232.92) E/-W(4203.66)
18650

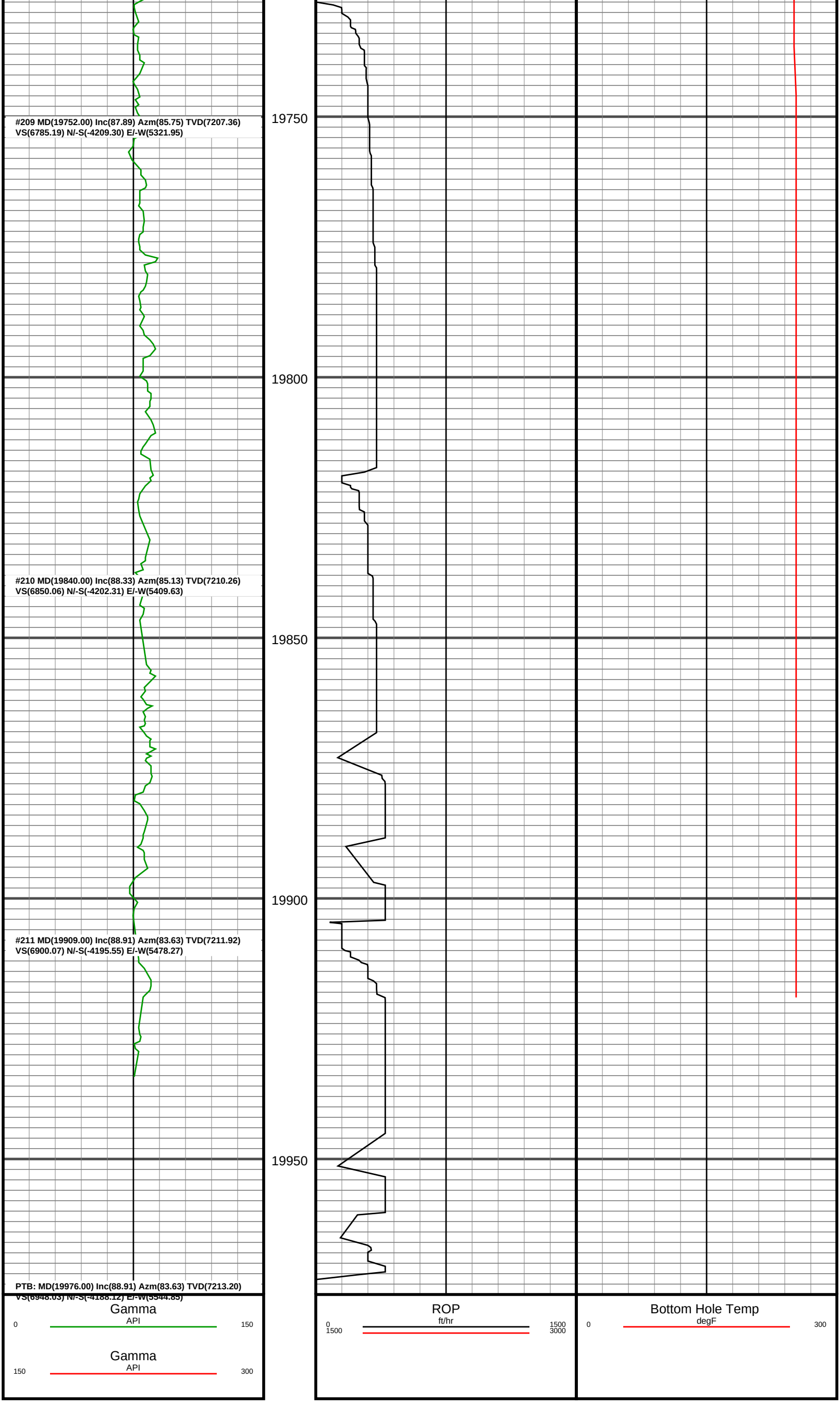

18700
#198 MD(18727.00) Inc(91.03) Azm(90.28) TVD(7206.39)
VS(5991.94) N/-S(-4233.56) E/-W(4297.65)
18750
18800
#199 MD(18821.00) Inc(90.10) Azm(90.28) TVD(7205.47)
VS(6066.38) N/-S(-4234.02) E/-W(4391.64)
18850


18900
#200 MD(18916.00) Inc(89.75) Azm(89.58) TVD(7205.59)
VS(6141.26) N/-S(-4233.90) E/-W(4486.64)
18950
19000
#201 MD(19010.00) Inc(90.06) Azm(89.36) TVD(7205.75)
VS(6214.89) N/-S(-4233.03) E/-W(4580.63)
19050


#202 MD(19103.00) Inc(90.54) Azm(88.87) TVD(7205.26)
VS(6287.37) N/-S(-4231.60) E/-W(4673.62)
#203 MD(19198.00) Inc(90.77) Azm(88.57) TVD(7204.17)
VS(6360.99) N/-S(-4229.47) E/-W(4768.59)
19100
19150
19200
19250


#204 MD(19292.00) Inc(91.34) Azm(88.65) TVD(7202.44)
VS(6433.72) N/-S(-4227.19) E/-W(4862.55)
19300
19350
#205 MD(19386.00) Inc(91.30) Azm(88.39) TVD(7200.28)
VS(6506.35) N/-S(-4224.77) E/-W(4956.49)
19400
19450
#206 MD(19480.00) Inc(89.57) Azm(89.31) TVD(7199.56)
VS(6579.33) N/-S(-4222.88) E/-W(5050.46)


19500
19550
#207 MD(19573.00) Inc(88.38) Azm(87.60) TVD(7201.23)
VS(6651.13) N/-S(-4220.37) E/-W(5143.41)
19600
19650
#208 MD(19662.00) Inc(87.94) Azm(86.23) TVD(7204.09)
VS(6718.26) N/-S(-4215.59) E/-W(5232.23)
19700


#209 MD(19752.00) Inc(87.89) Azm(85.75) TVD(7207.36)
VS(6785.19) N/-S(-4209.30) E/-W(5321.95)
#210 MD(19840.00) Inc(88.33) Azm(85.13) TVD(7210.26)
VS(6850.06) N/-S(-4202.31) E/-W(5409.63)
#211 MD(19909.00) Inc(88.91) Azm(83.63) TVD(7211.92)
VS(6900.07) N/-S(-4195.55) E/-W(5478.27)
PTB: MD(19976.00) Inc(88.91) Azm(83.63) TVD(7213.20)
VS(6948.03) N/-S(-4188.12) E/-W(5544.85)
19750
19800
19850
19900
19950
Gamma
API
0
150
Gamma
API
150
300
ROP
ft/hr
0
1500
1500
3000
Bottom Hole Temp
degF
0
300