



Extraction_Ensign 147_Coyote Trails 33S-20-4N

MD

5":100'

Company: Extraction Oil & Gas

Well Name: Coyote Trails 33S-20-4N

API: 05-123-45992

County/Parish: Weld

State: Colorado

Country: USA

Job number: 00142EX-CO

Field: Wattenberg

Rig Id: Ensign #147

Survey Company: Atlas Drilling Services

Day MWD Elias Bradach

Night MWD Kevin Hursh

Log measurements: Gamma, ROP

Depth measured from: DF ft

Maximum temperature: 265.1

Depth

Start: 0 ft

End: 17,751 ft

Date

02/04/2019

02/16/2019

Casing Depth Size

Surface: 1,626 ft 9,625"

Intermediate:

Mud Type: OBM

Density: 10.3

Viscosity: 56

Rm: N/A Rmf: N/A Rmc: N/A

Elevations

KB: 28'

GL: 5,271'

DF: 5,299'

Run Bit Size

1 13.5"

2 8.5"

3

4

5

6

7

8

9

10

Offsets

Gamma Survey

74.00 ft

59.00 ft

1,626 ft

17,751 ft

02/04/2019 22:30

02/12/2019 22:30

02/05/2019 03:45

02/16/2019 04:10

Depths

Start End

0 ft 1,626 ft

17,751 ft

02/04/2019 22:30

02/12/2019 22:30

02/05/2019 03:45

02/16/2019 04:10

Dates

Start End

02/04/2019 22:30

02/12/2019 22:30

02/05/2019 03:45

02/16/2019 04:10

Float:1,560' Shoe:1,603' KOP:7,214' LP:8,469' TD:17,751'

Atlas Drilling 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.

MD

10

20

30

40

50

60

70

ROP
ft/hr

0

1000

1000

2000

Temperature
degF

0

300

#0 MD(0.00) Inc(0.00) Azm(0.00) TVD(0.00) VS(0.00)
N-S(0.00) E-W(0.00)

80

90

100

110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

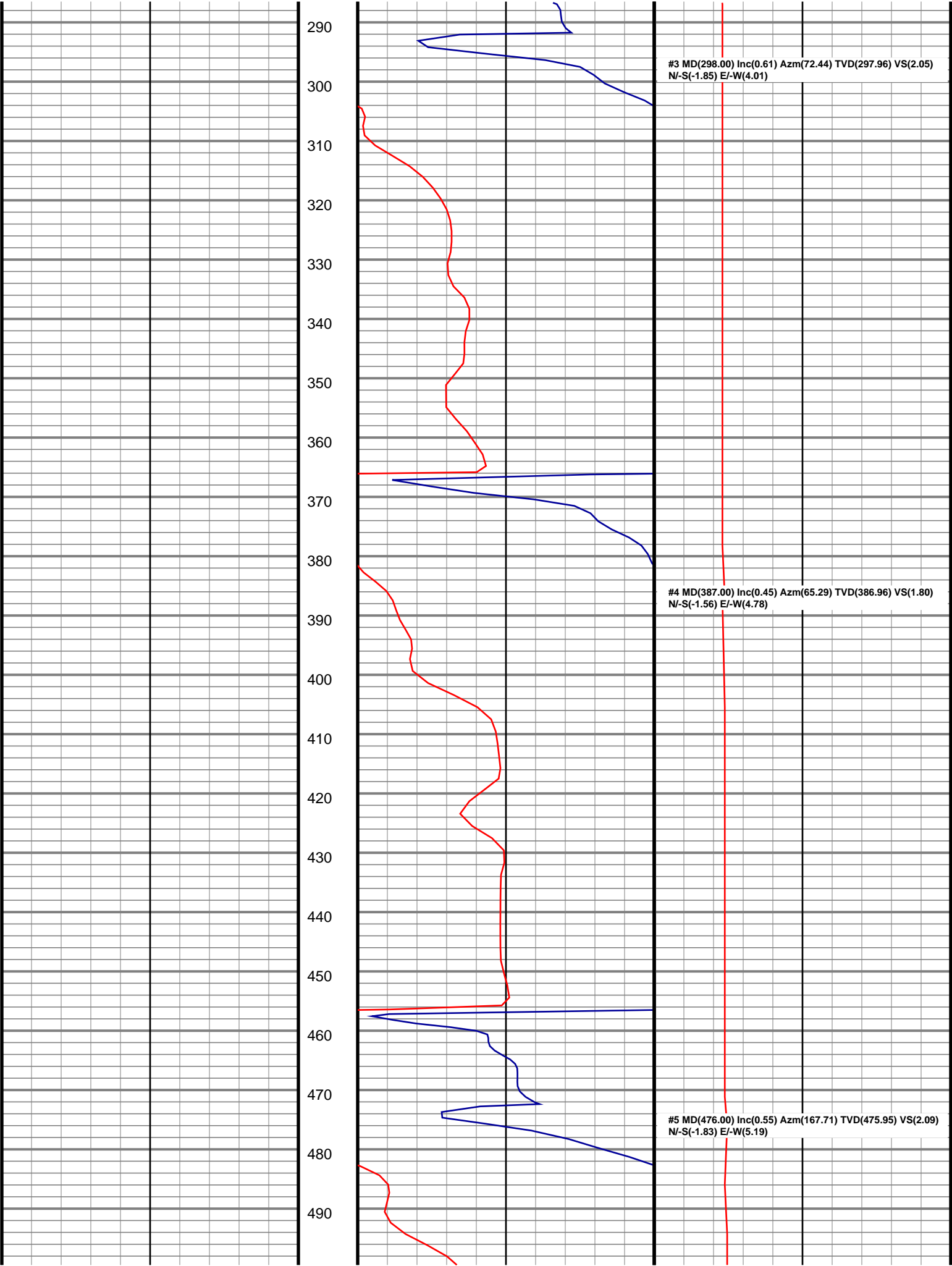
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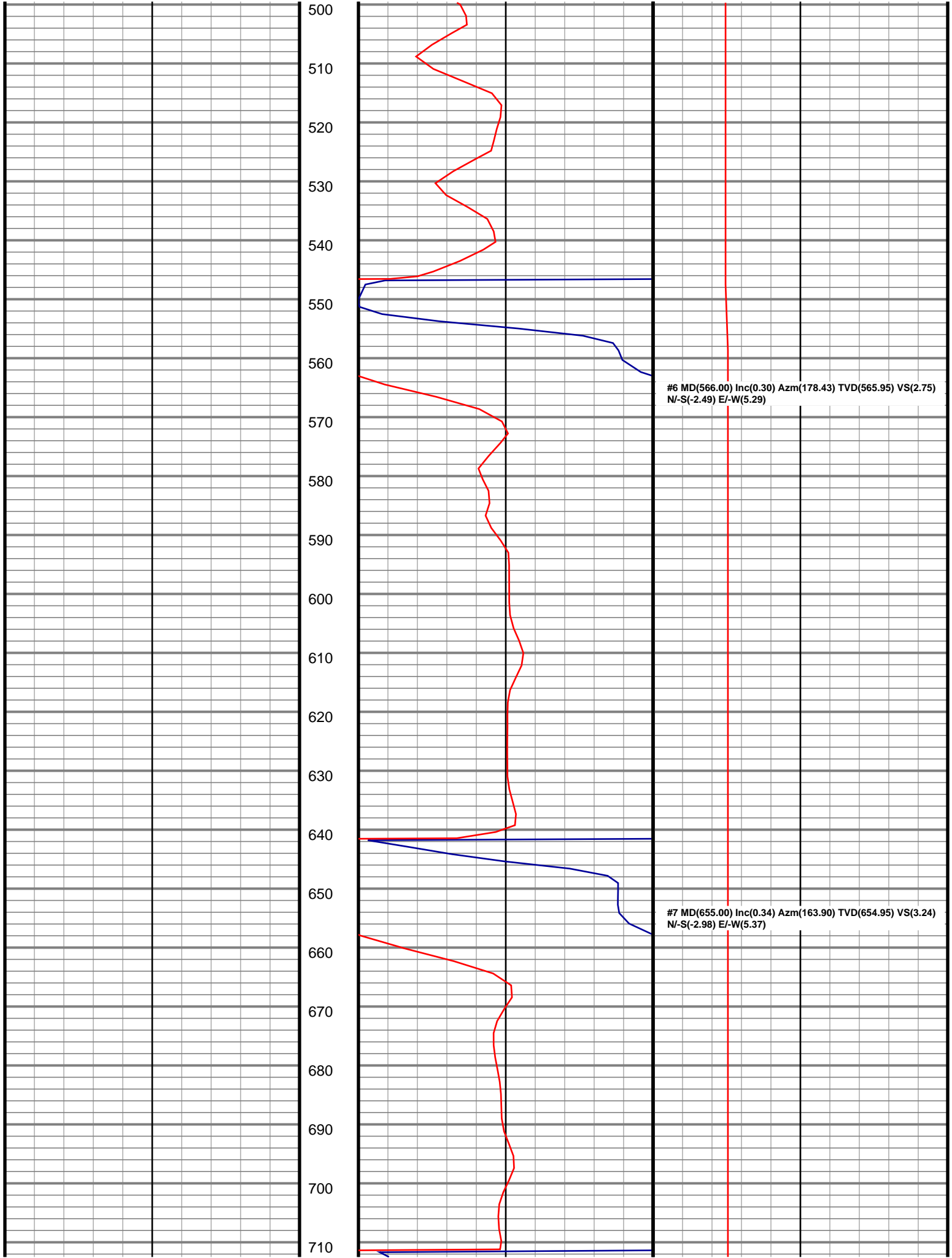
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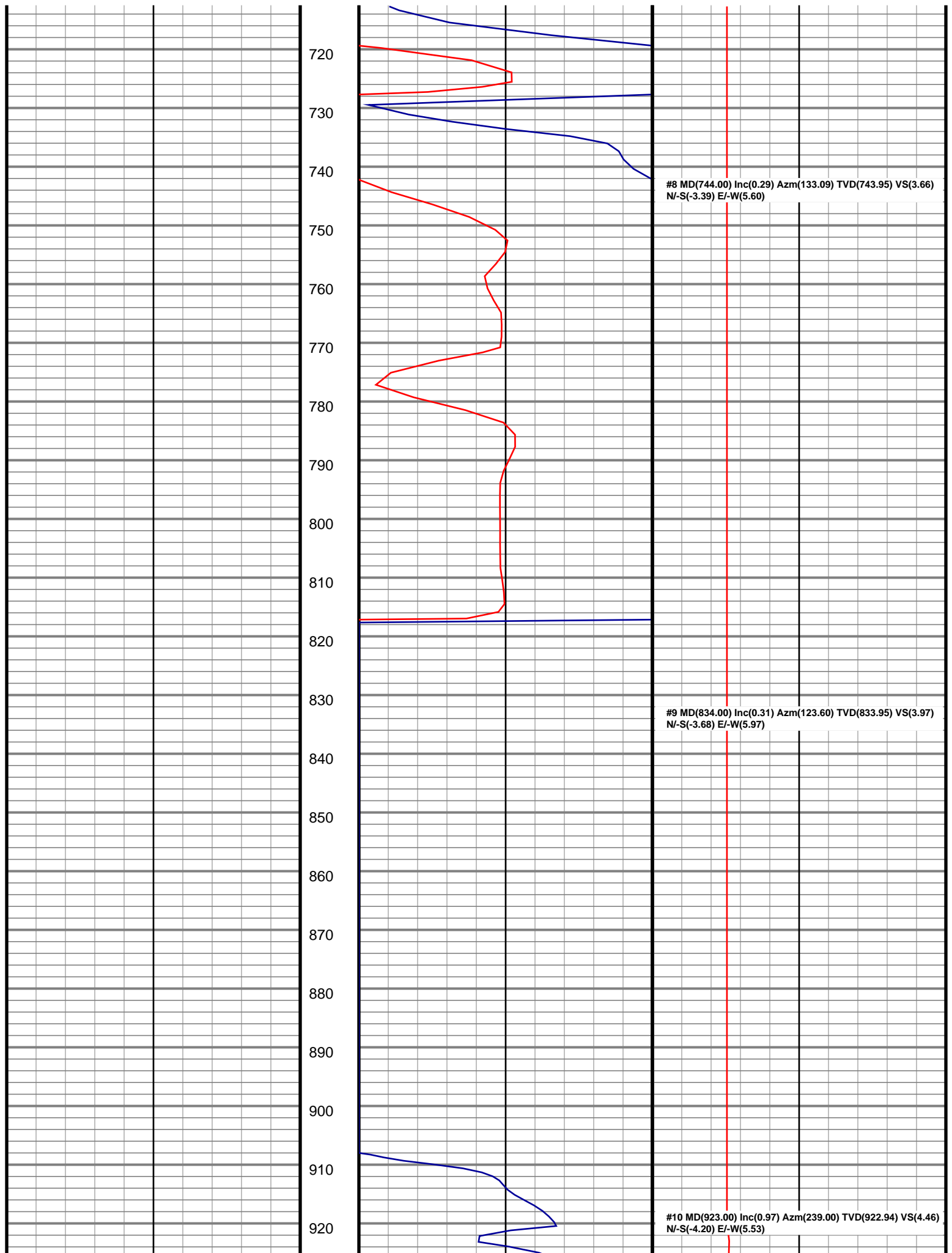
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N/-S(-0.59) E/-W(0.97)

#2 MD(207.00) Inc(1.31) Azm(117.67) TVD(206.97) VS(1.64)
N/-S(-1.52) E/-W(2.63)



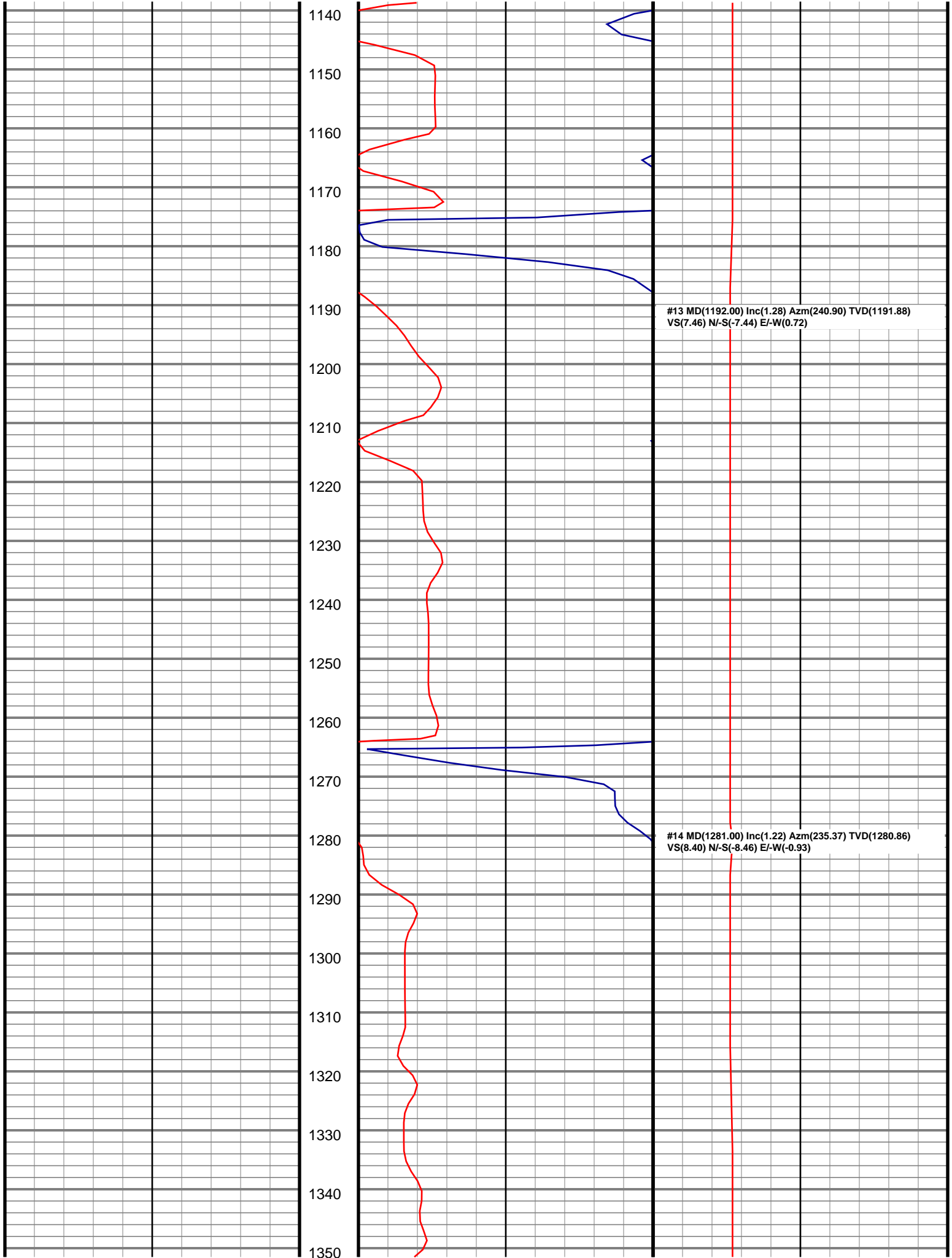


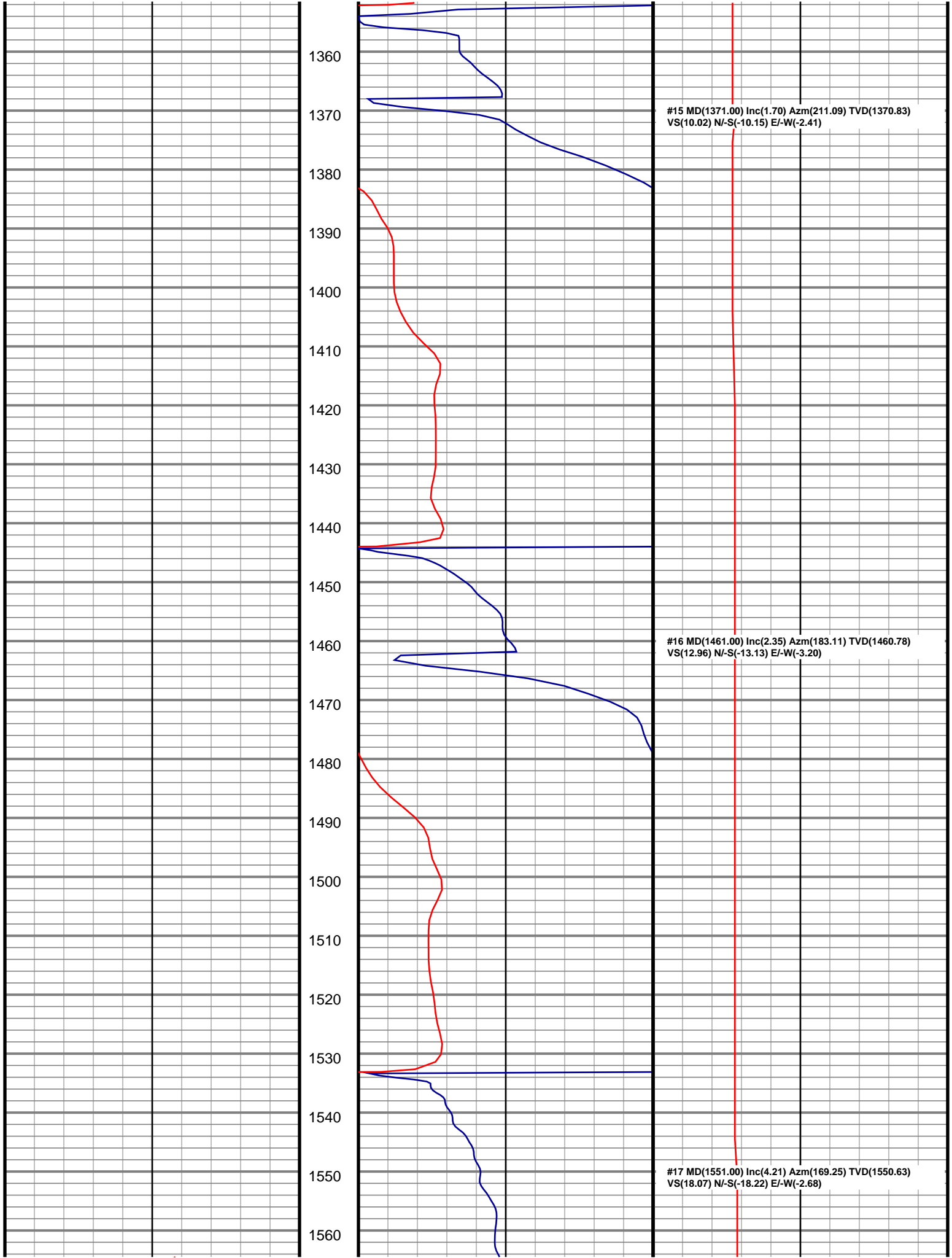


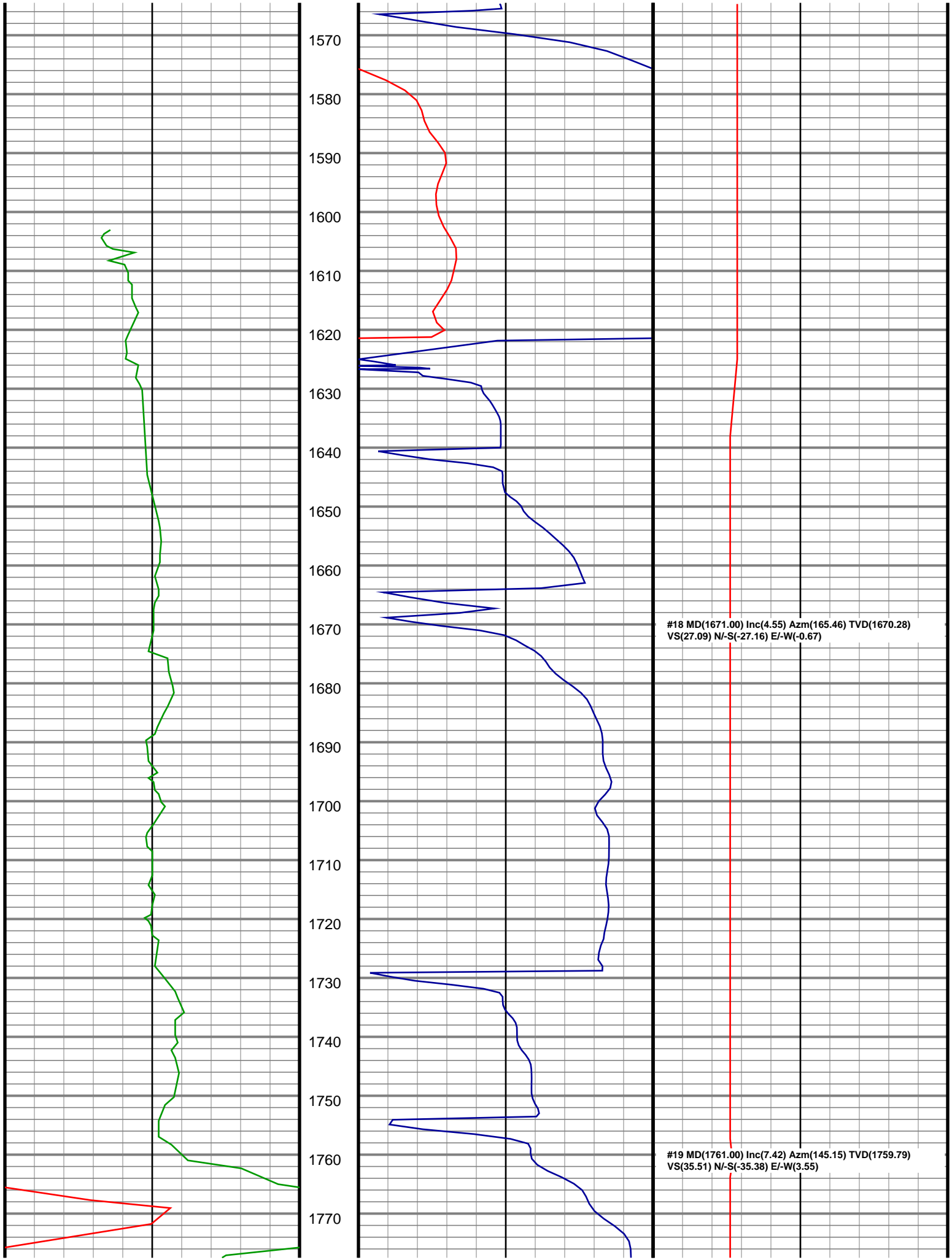
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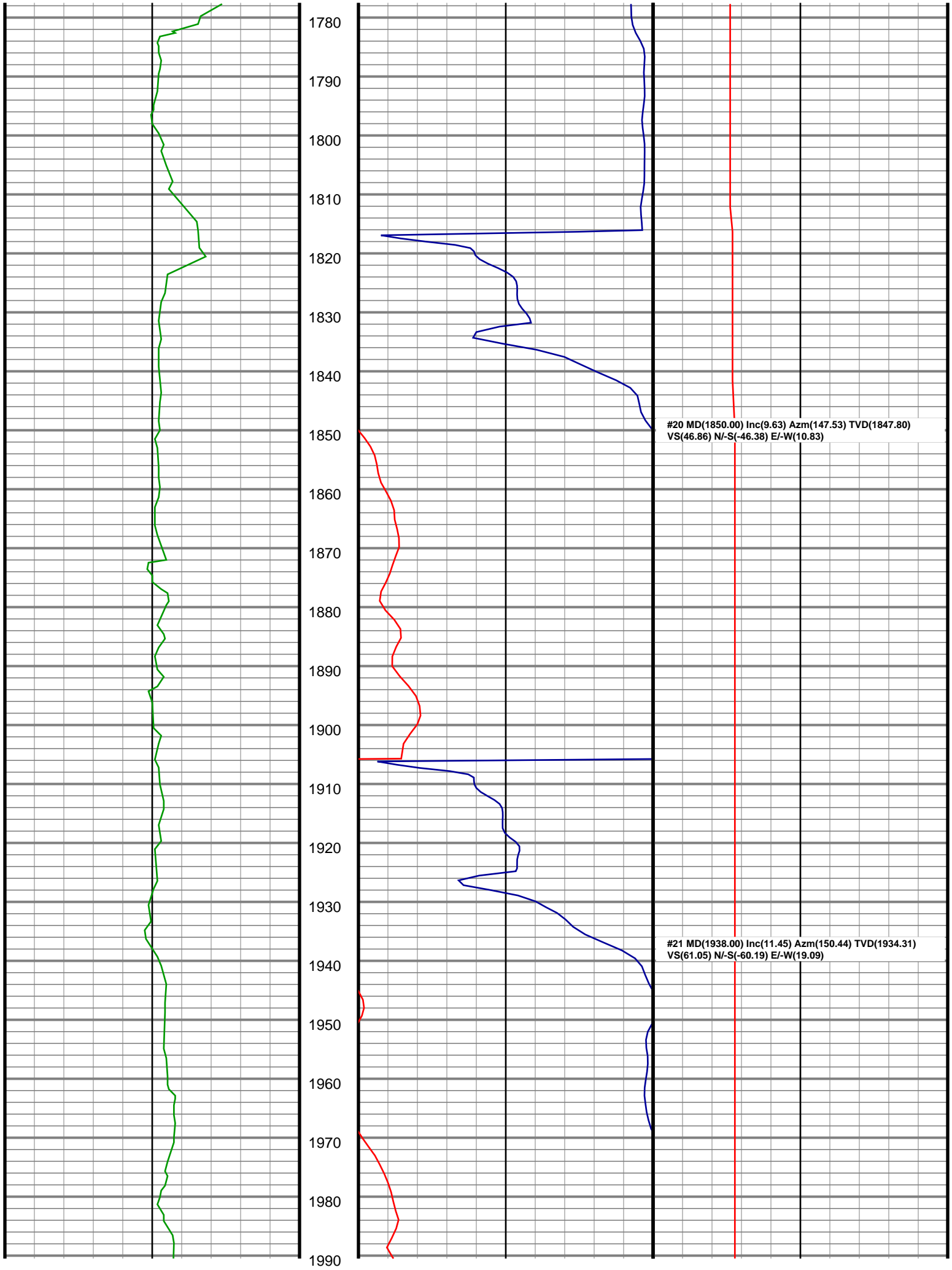
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VS(5.43) N/-S(-5.23) E/-W(4.07)

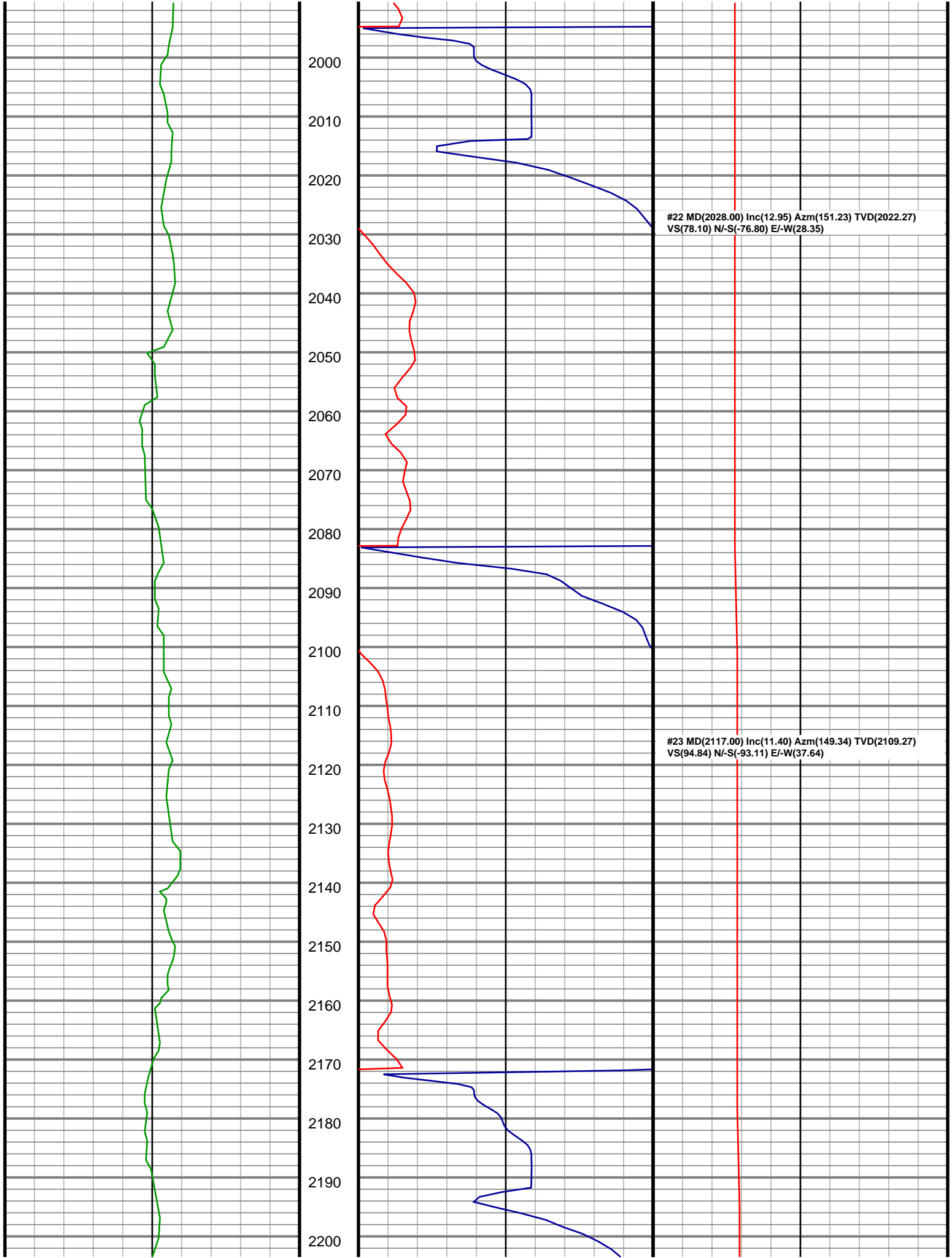
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VS(6.52) N/-S(-6.41) E/-W(2.44)

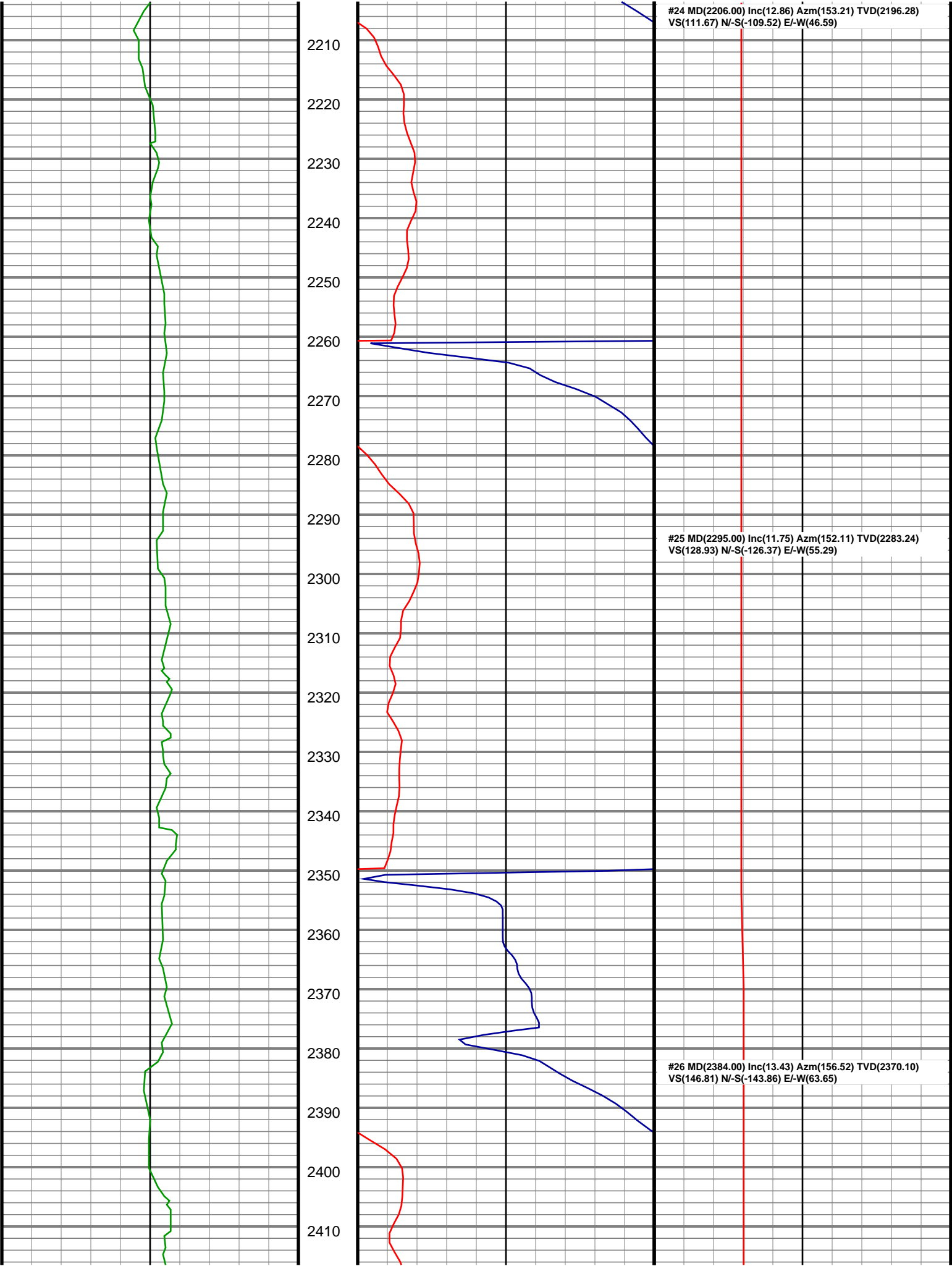


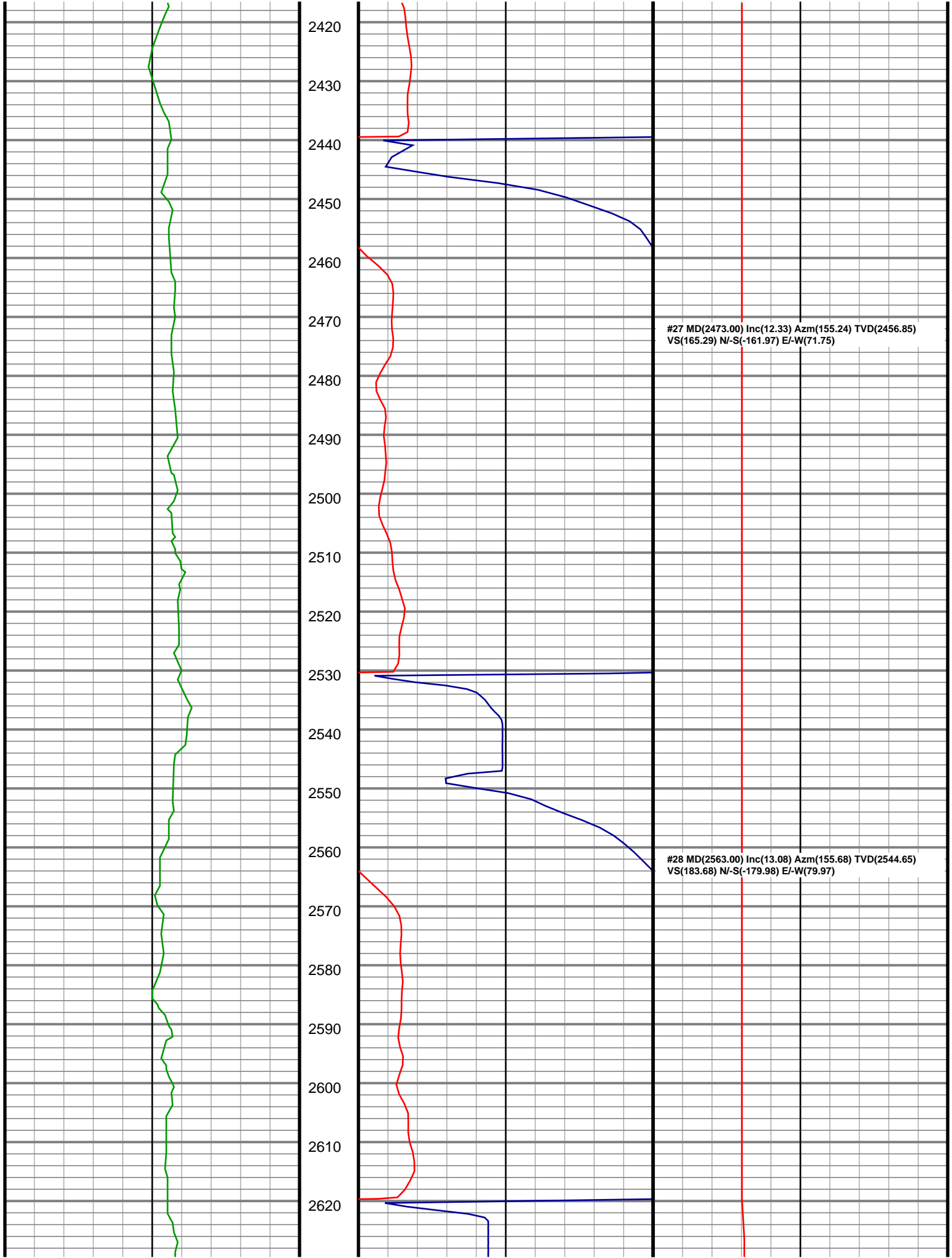


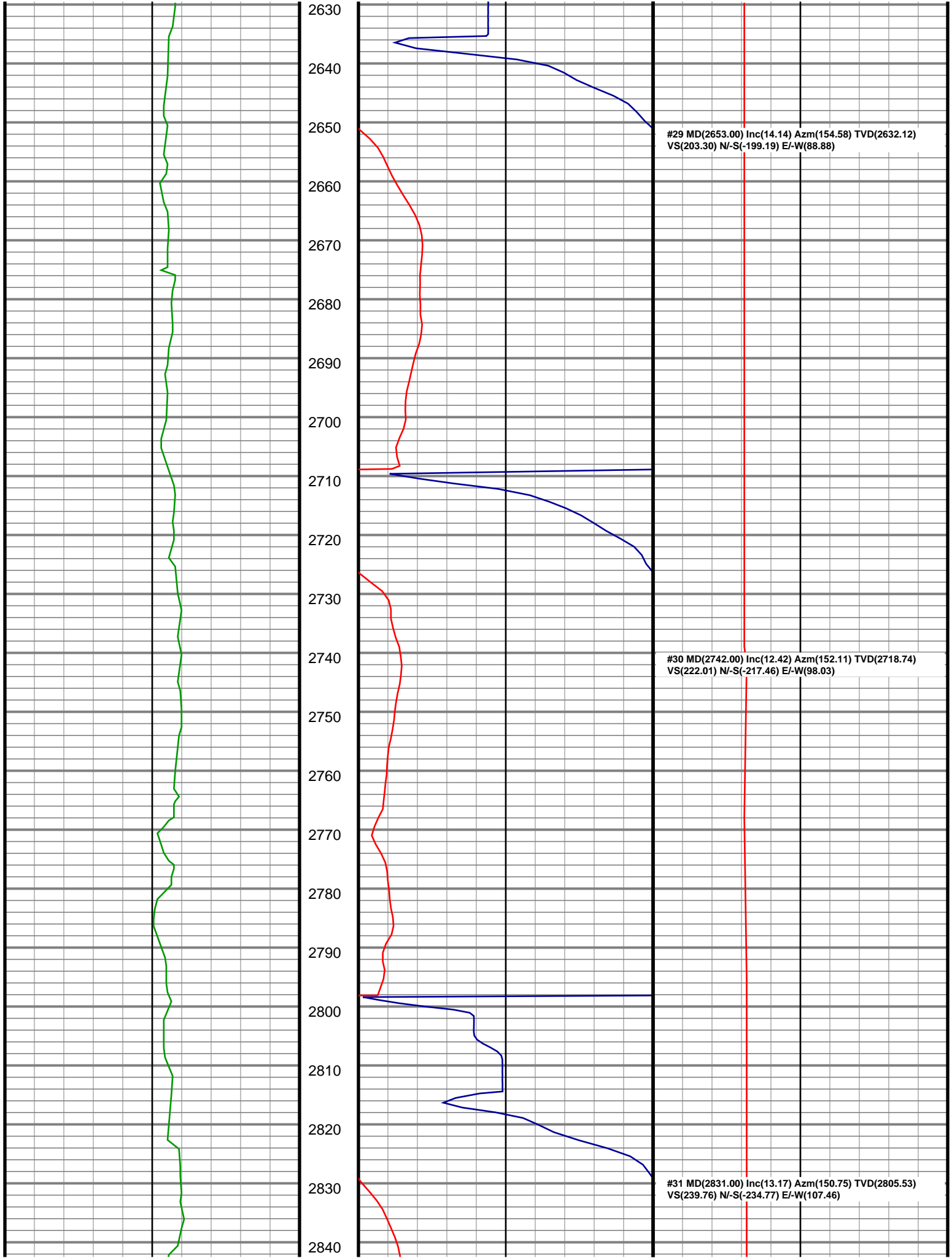


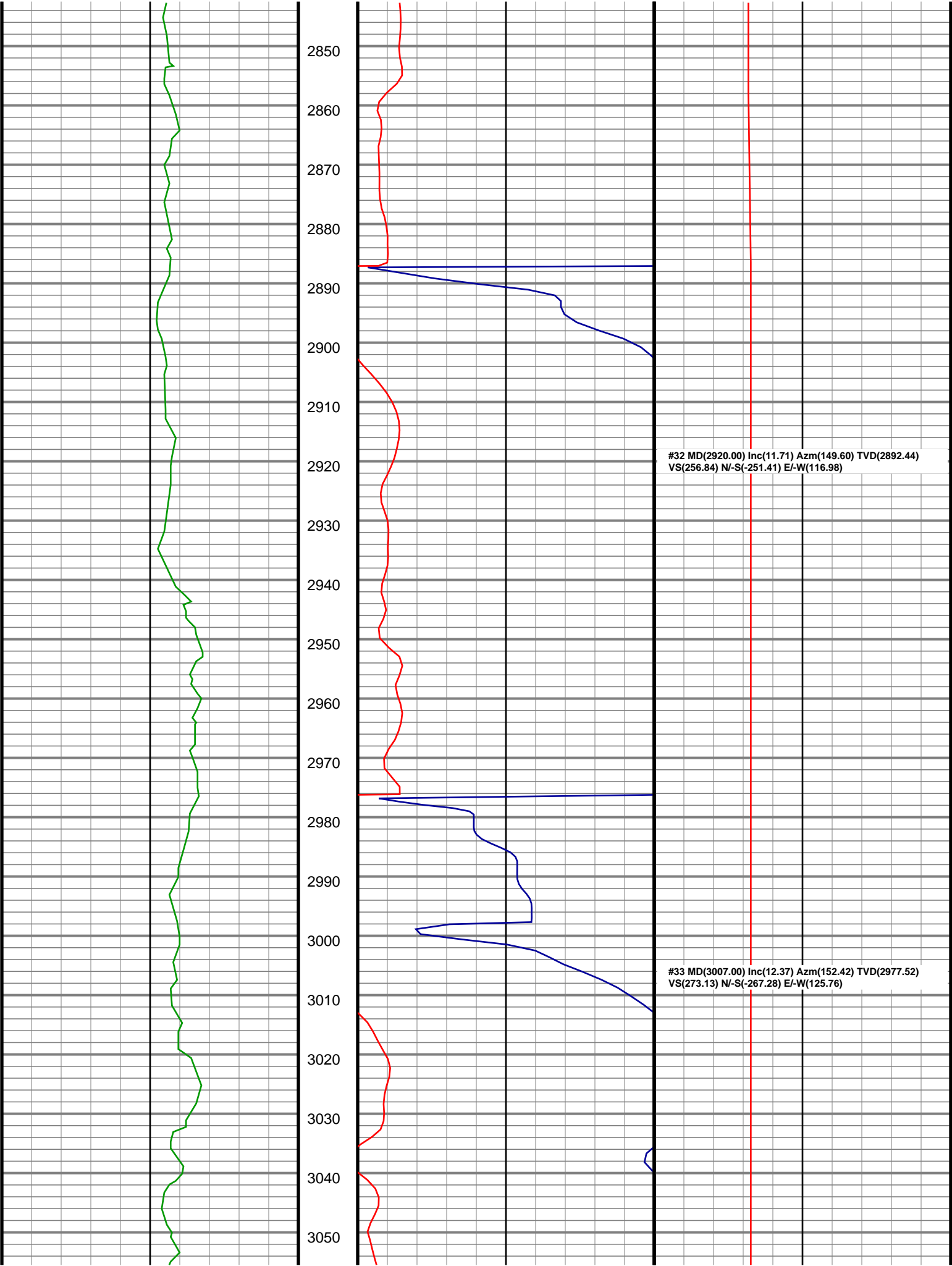


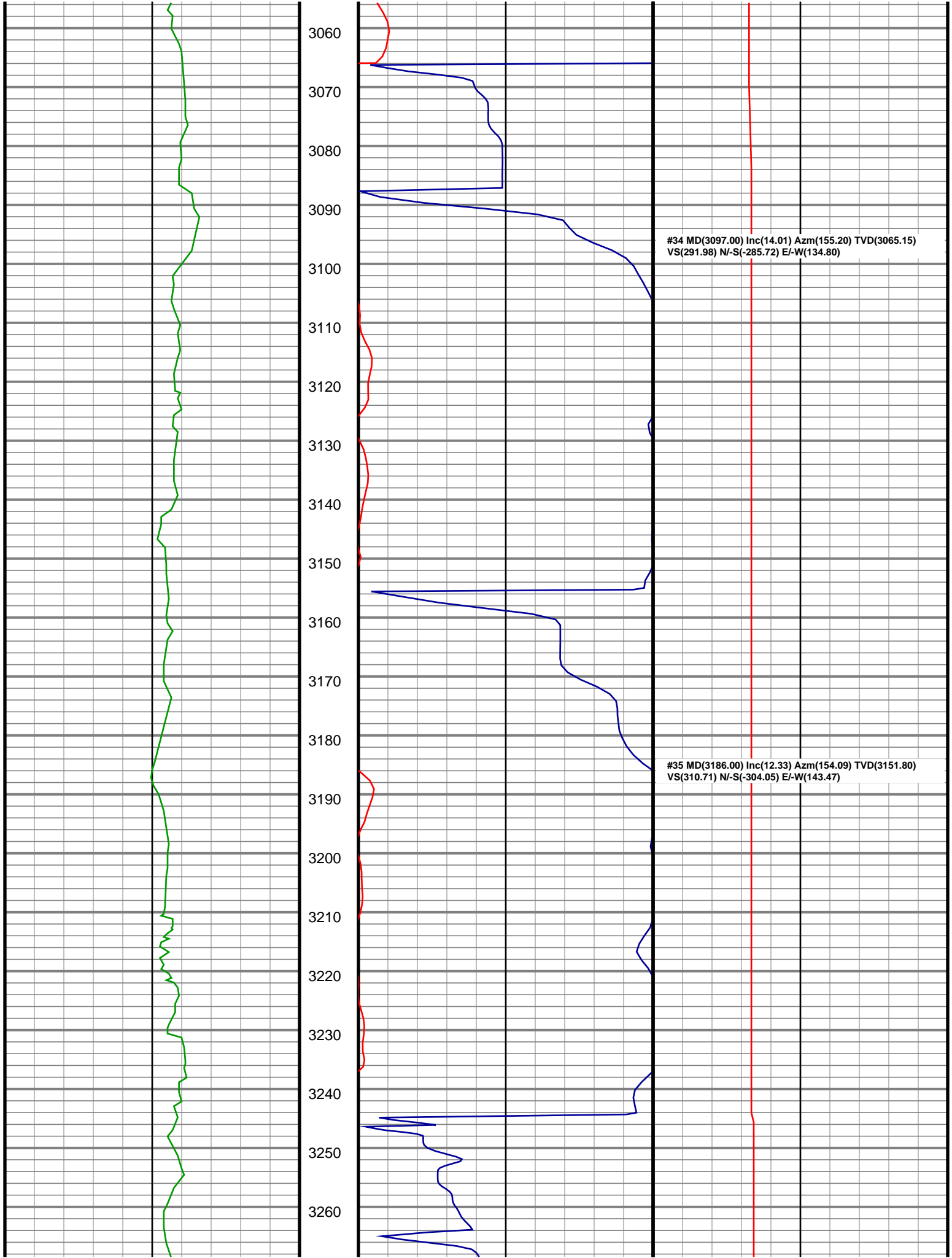


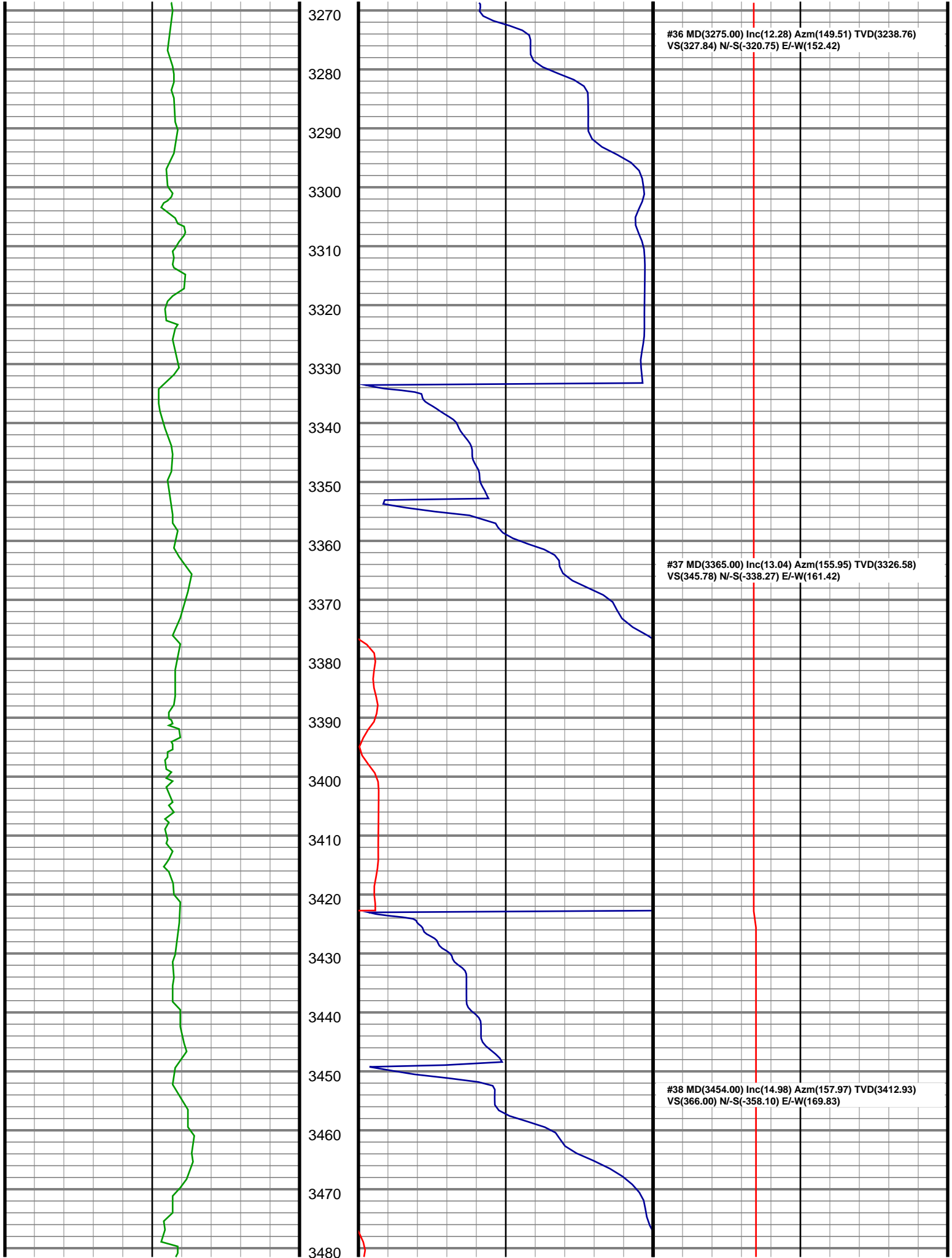


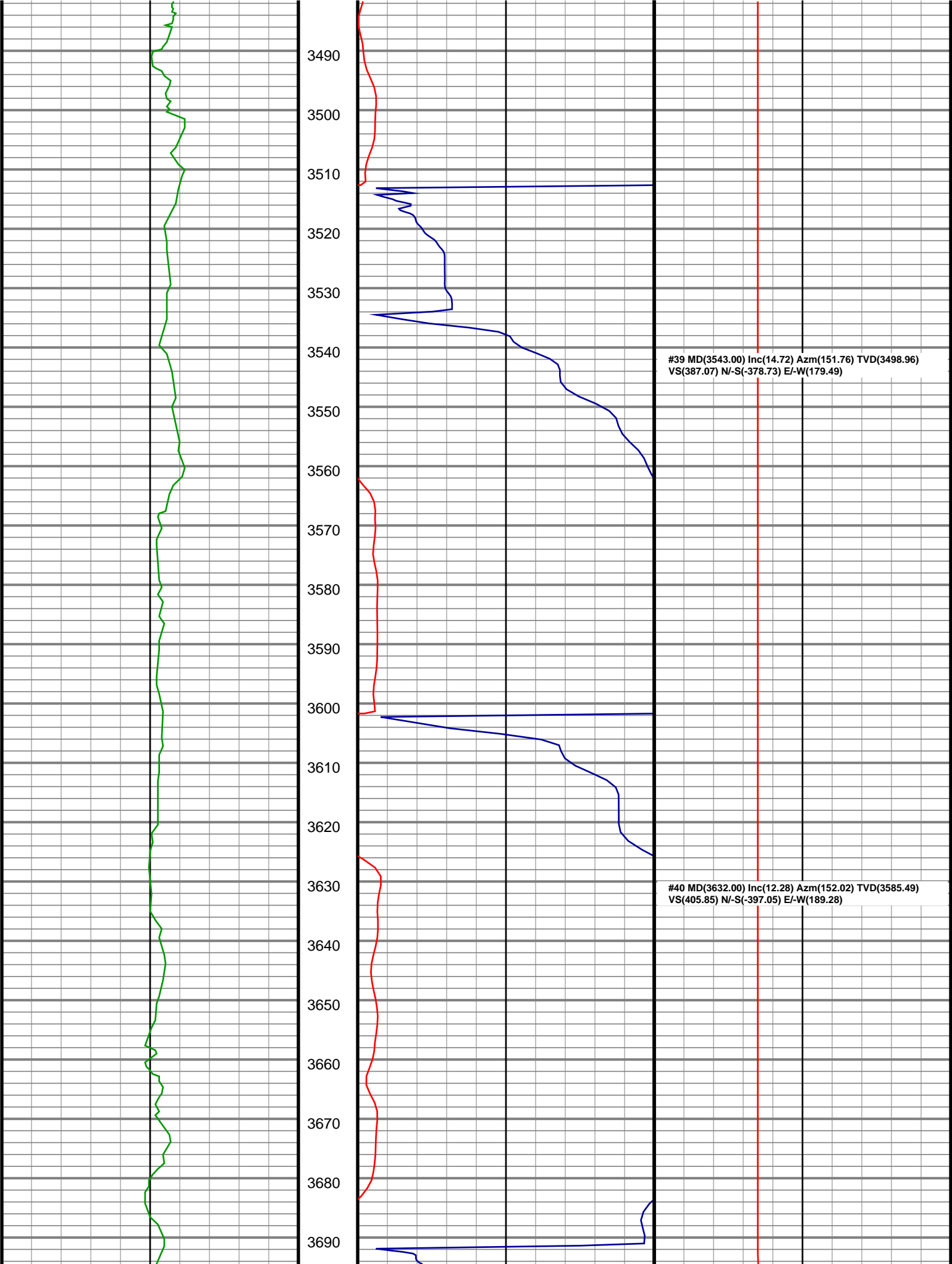


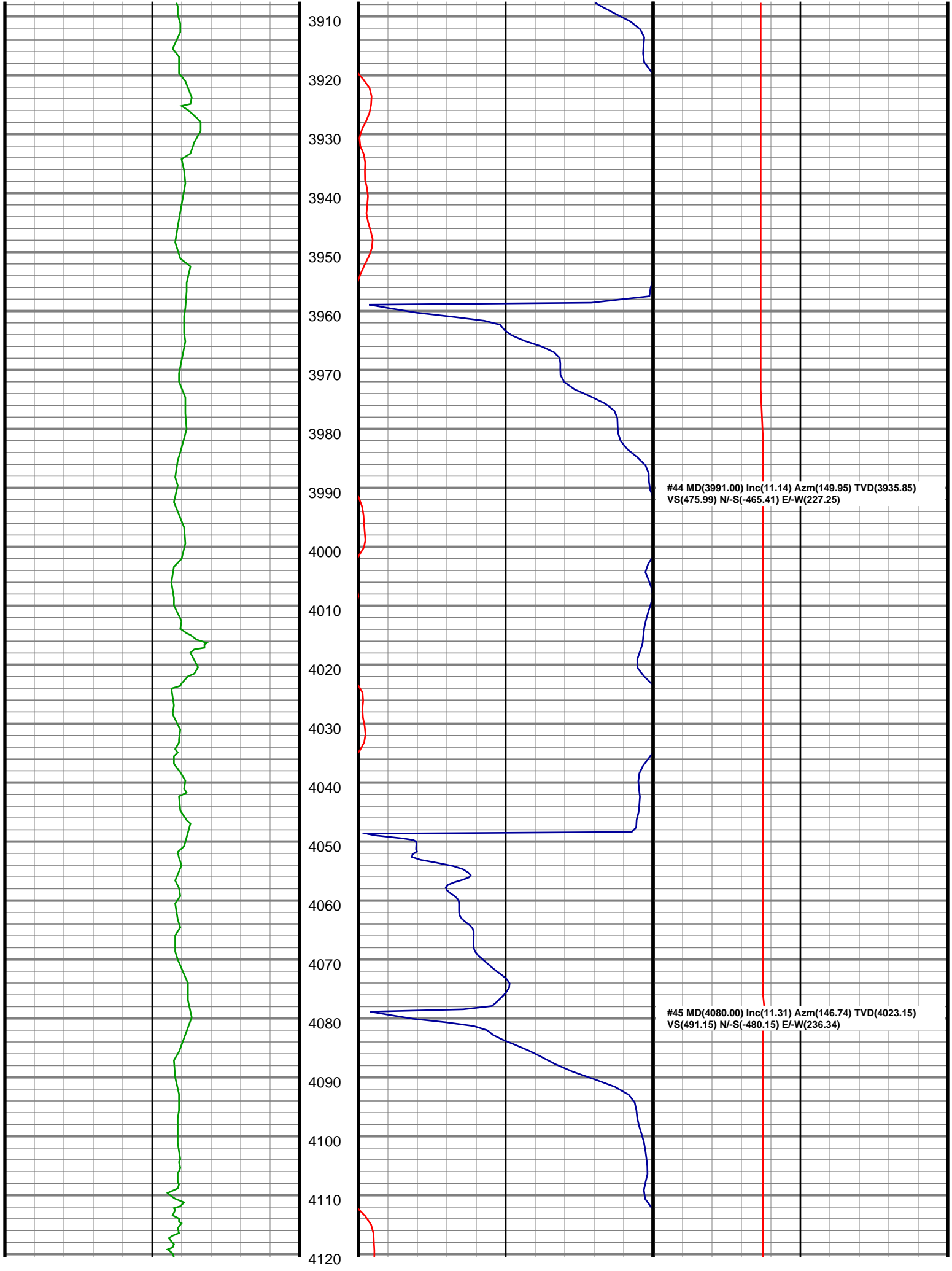


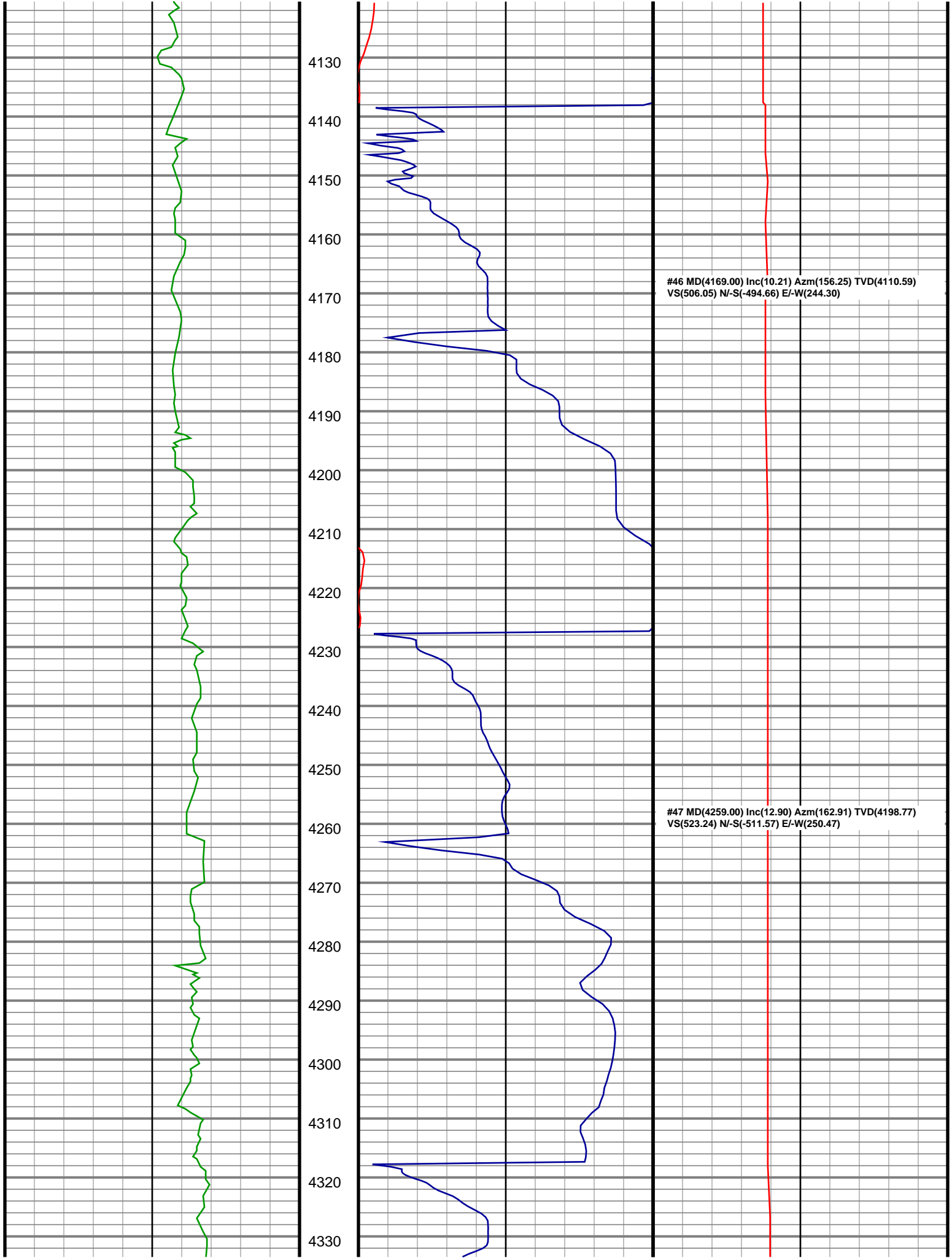


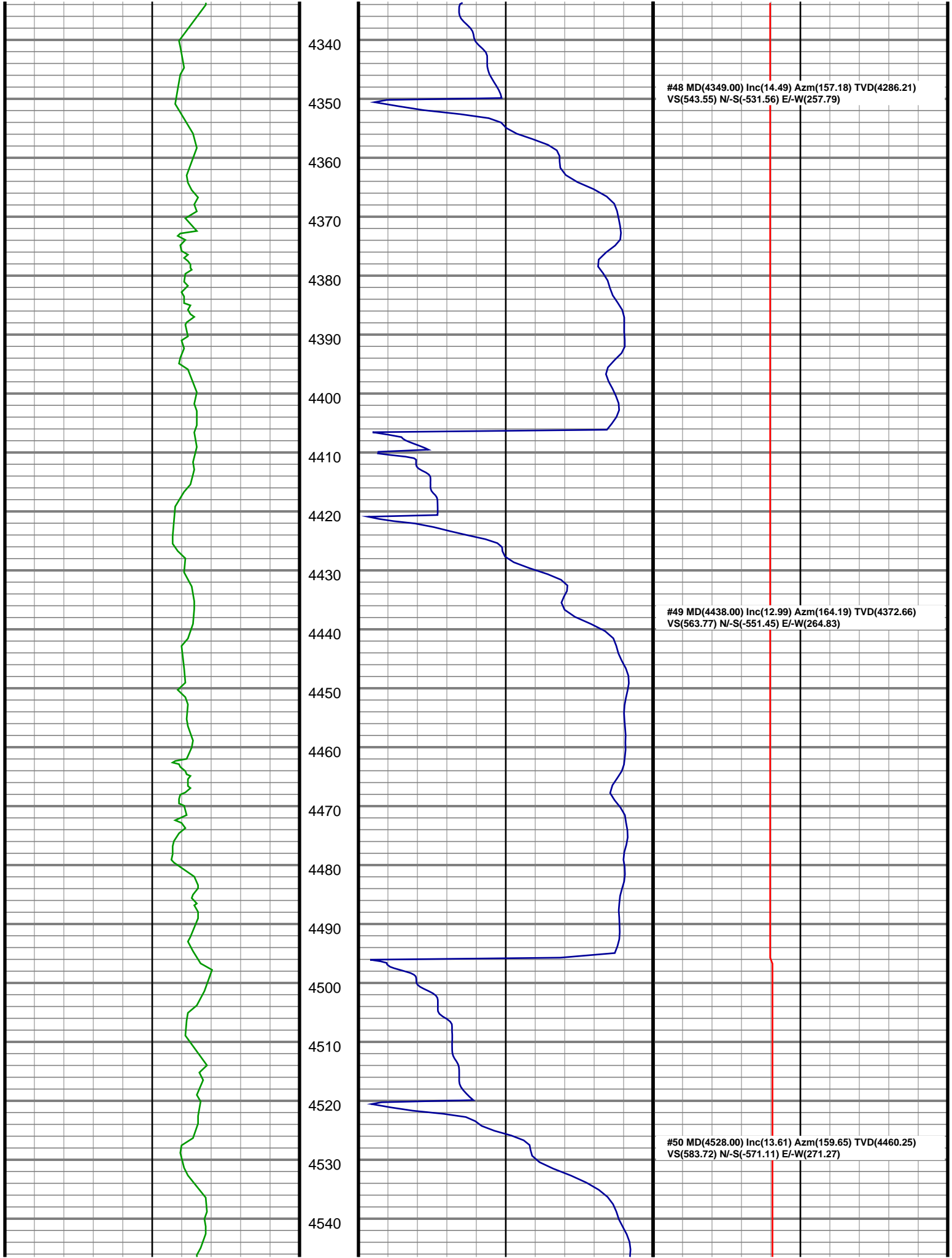


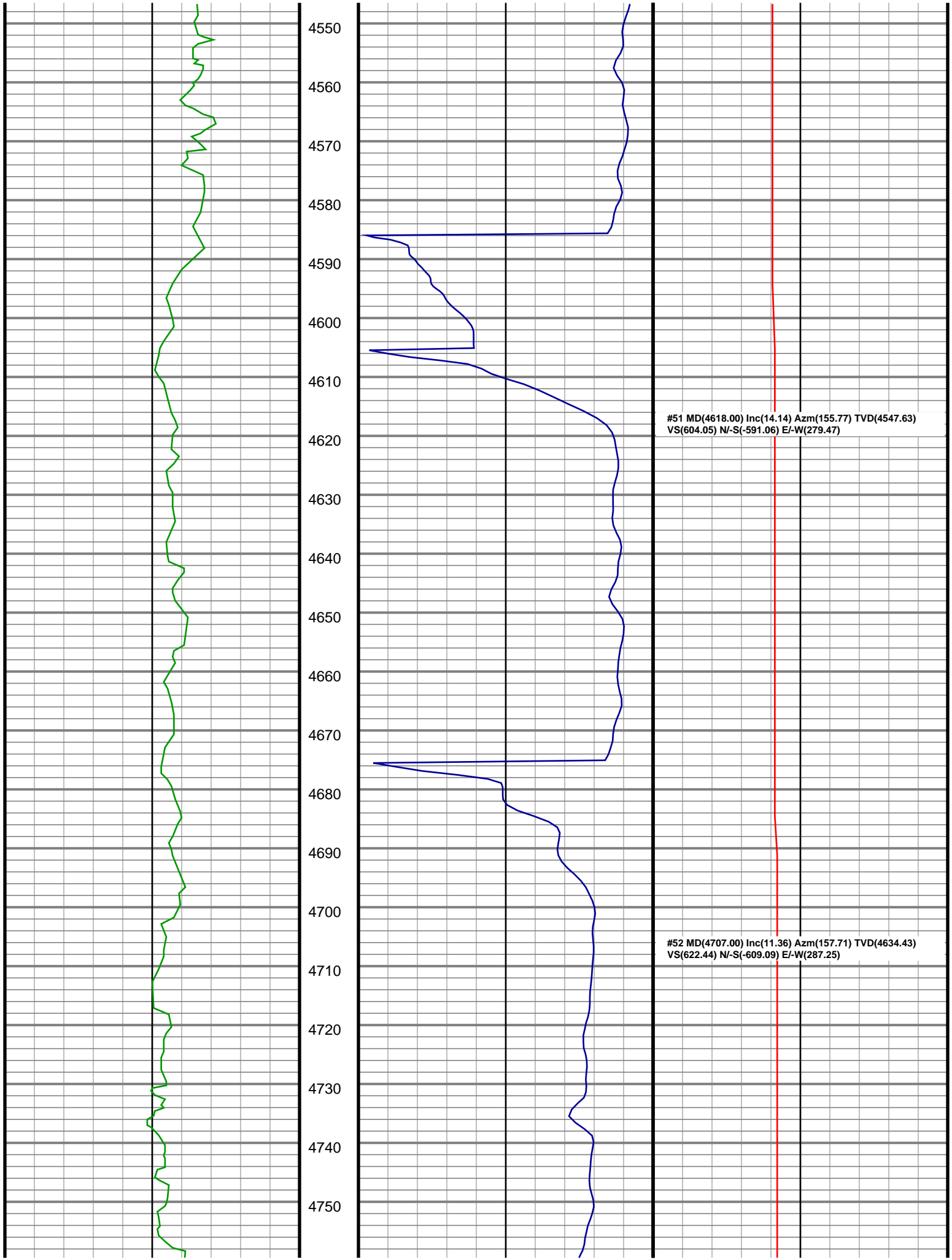


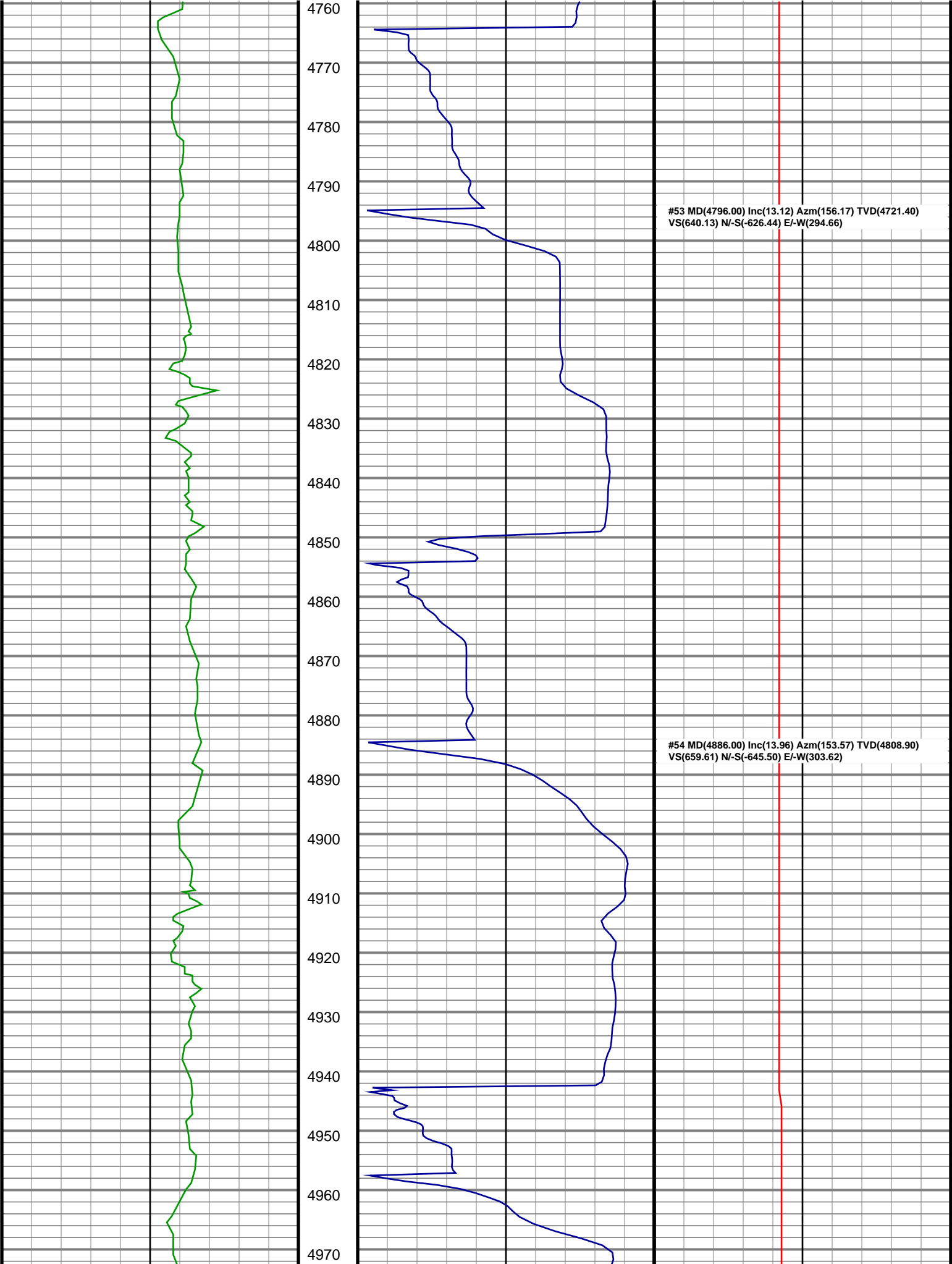


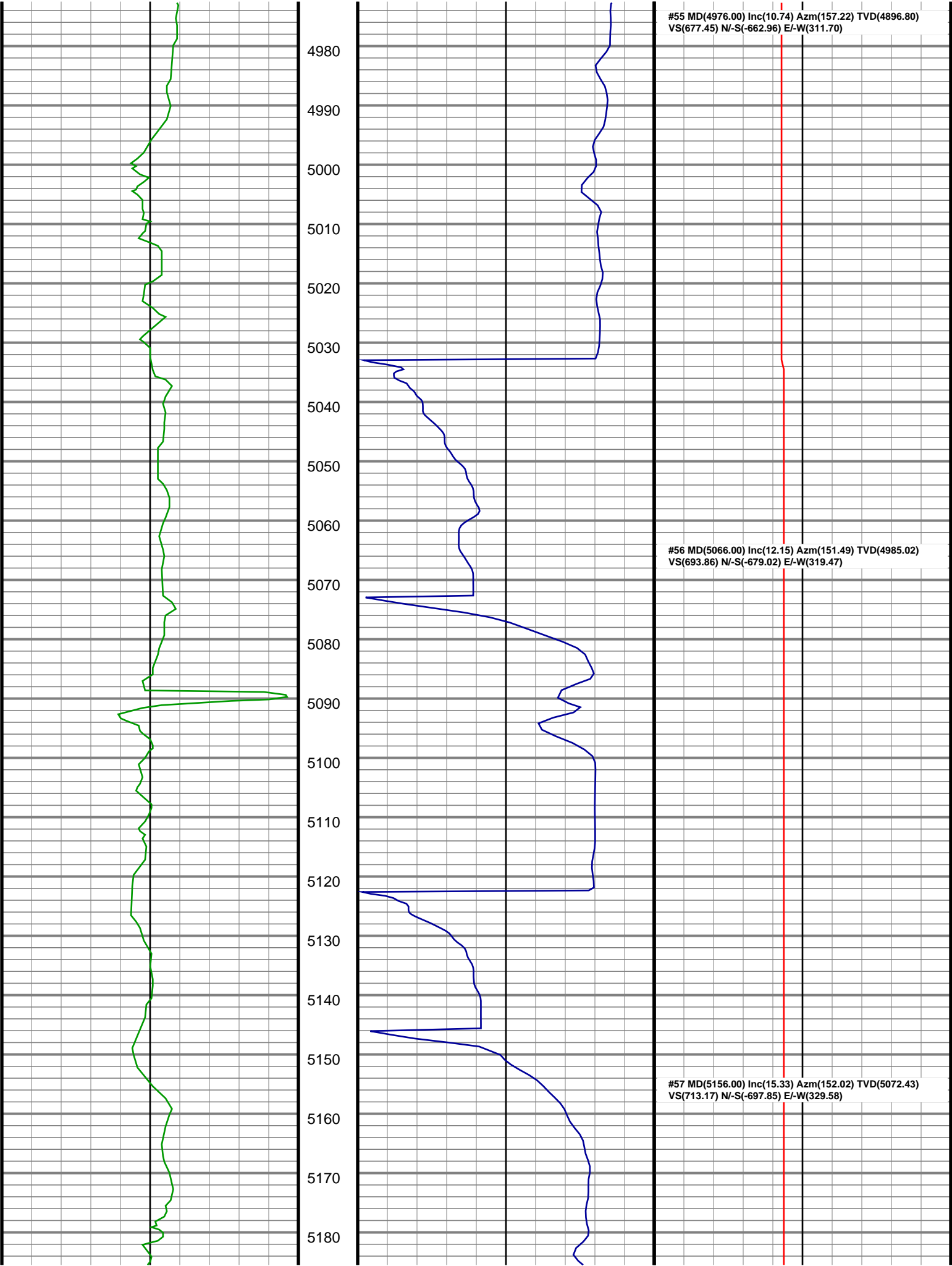


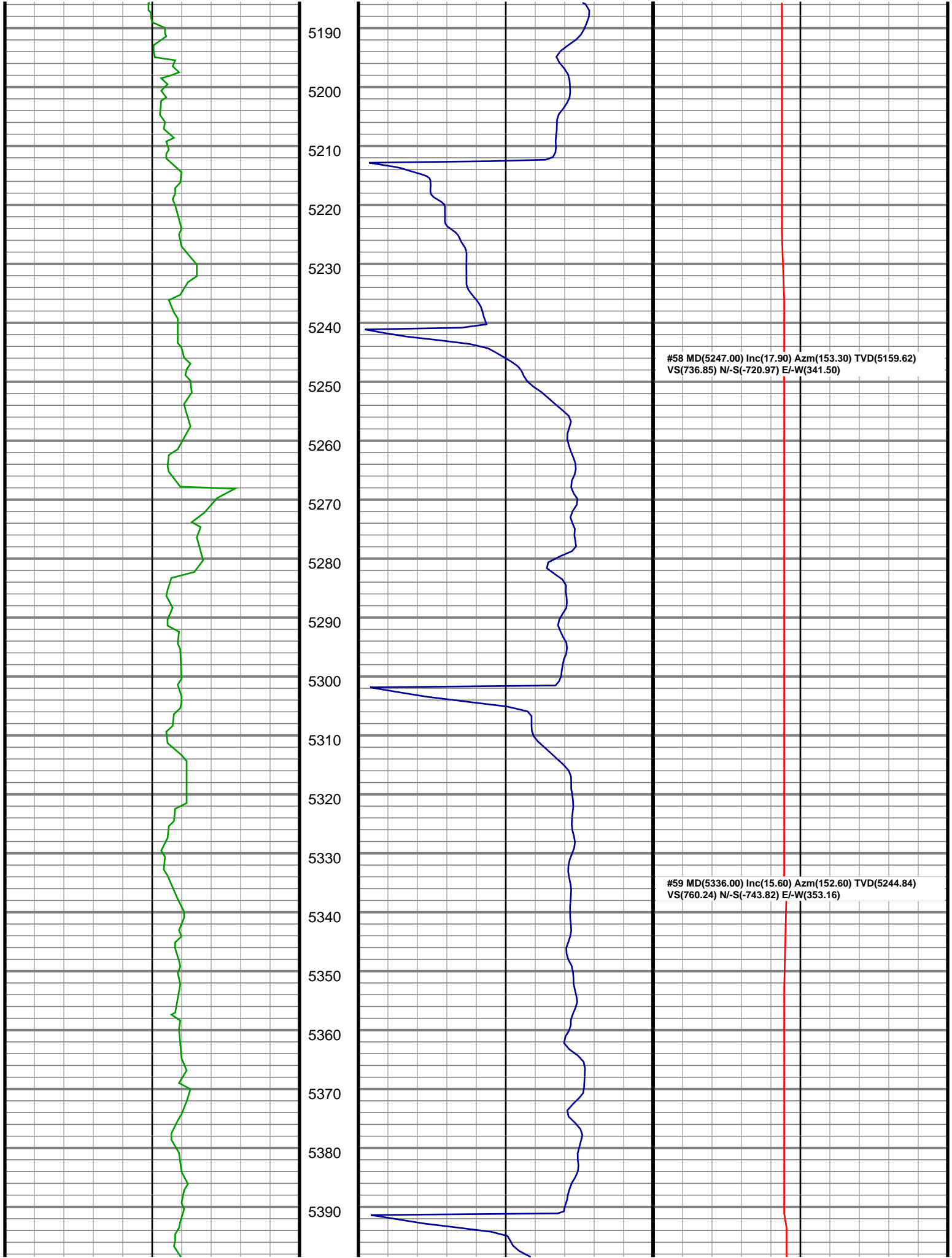


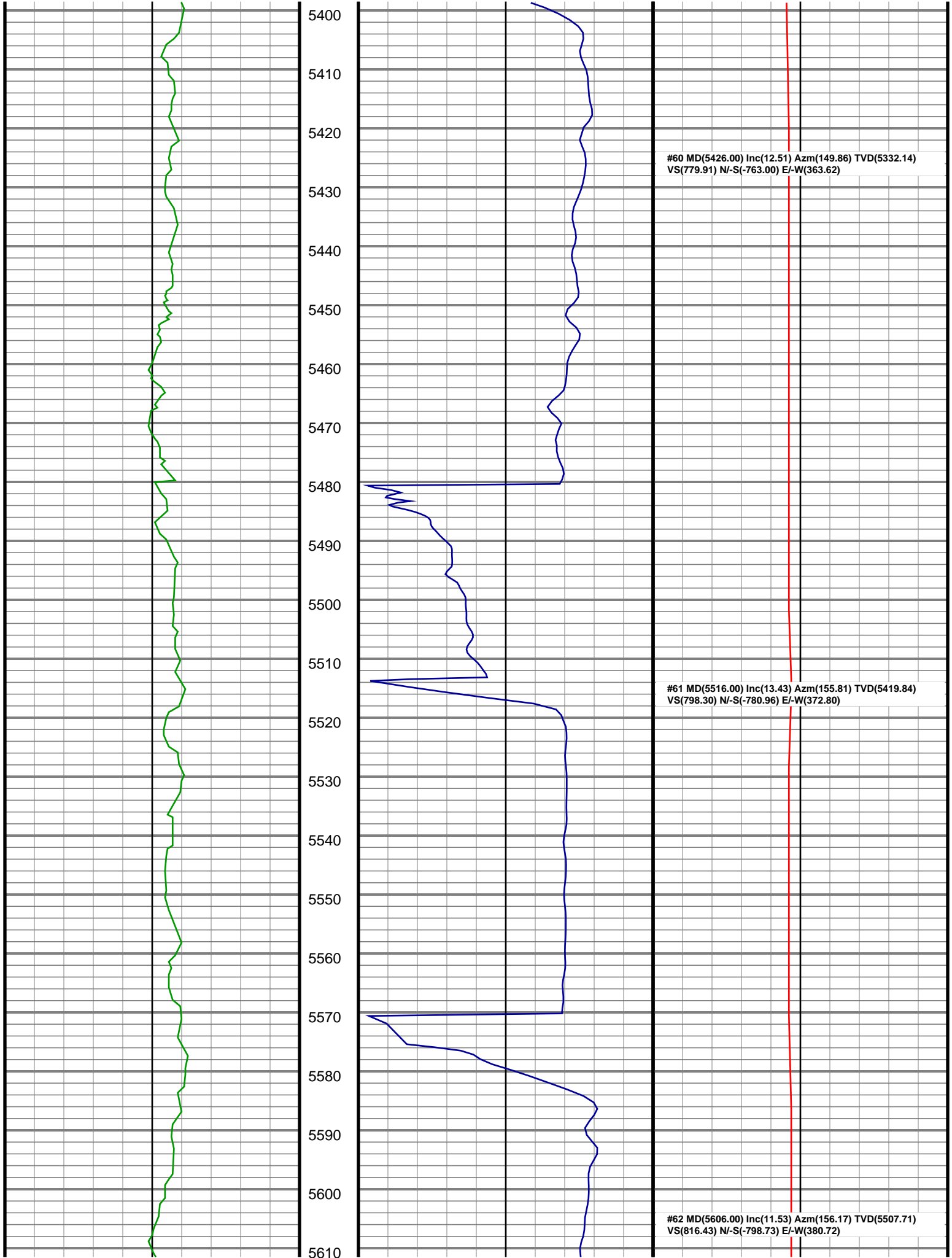


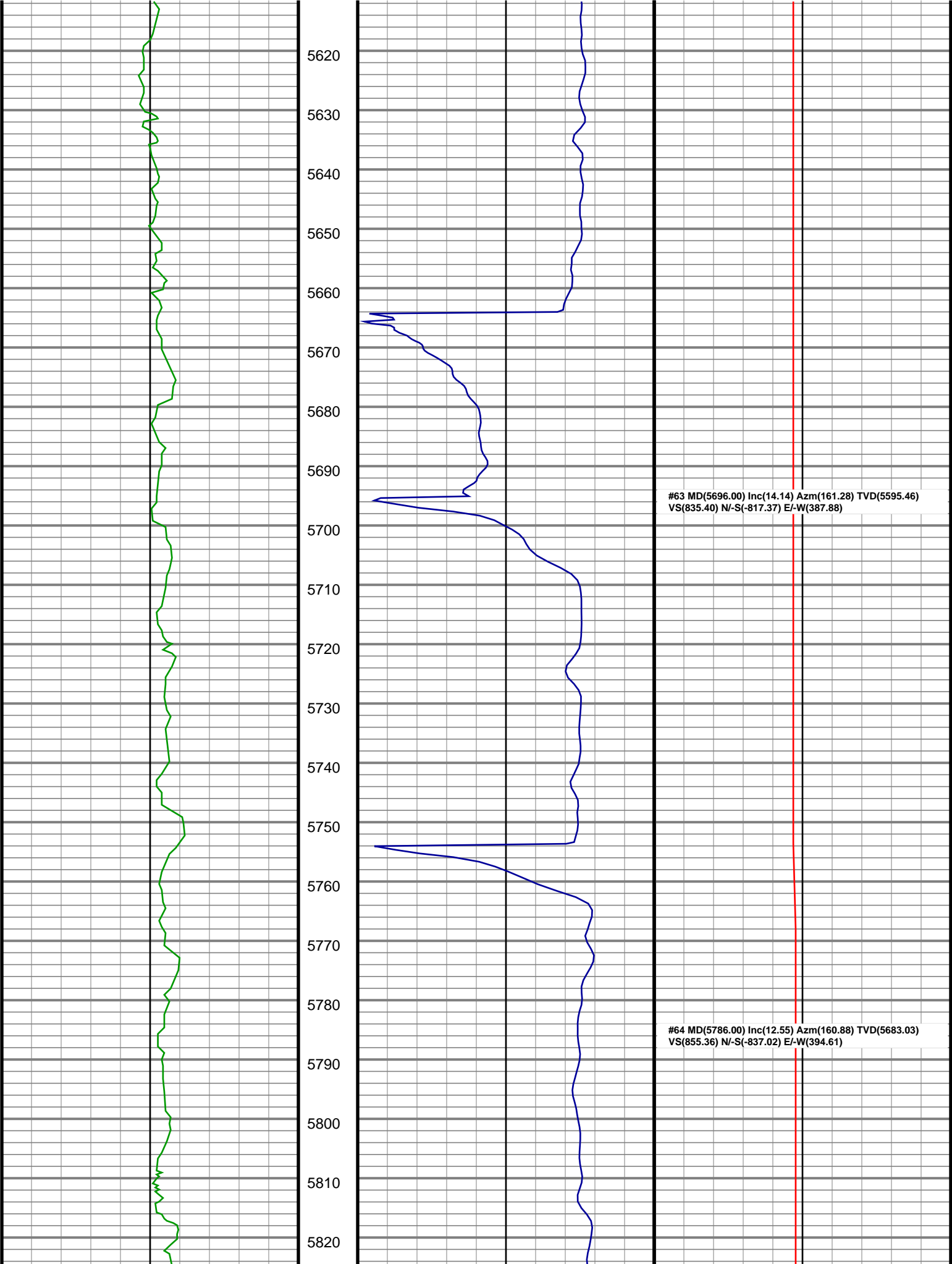


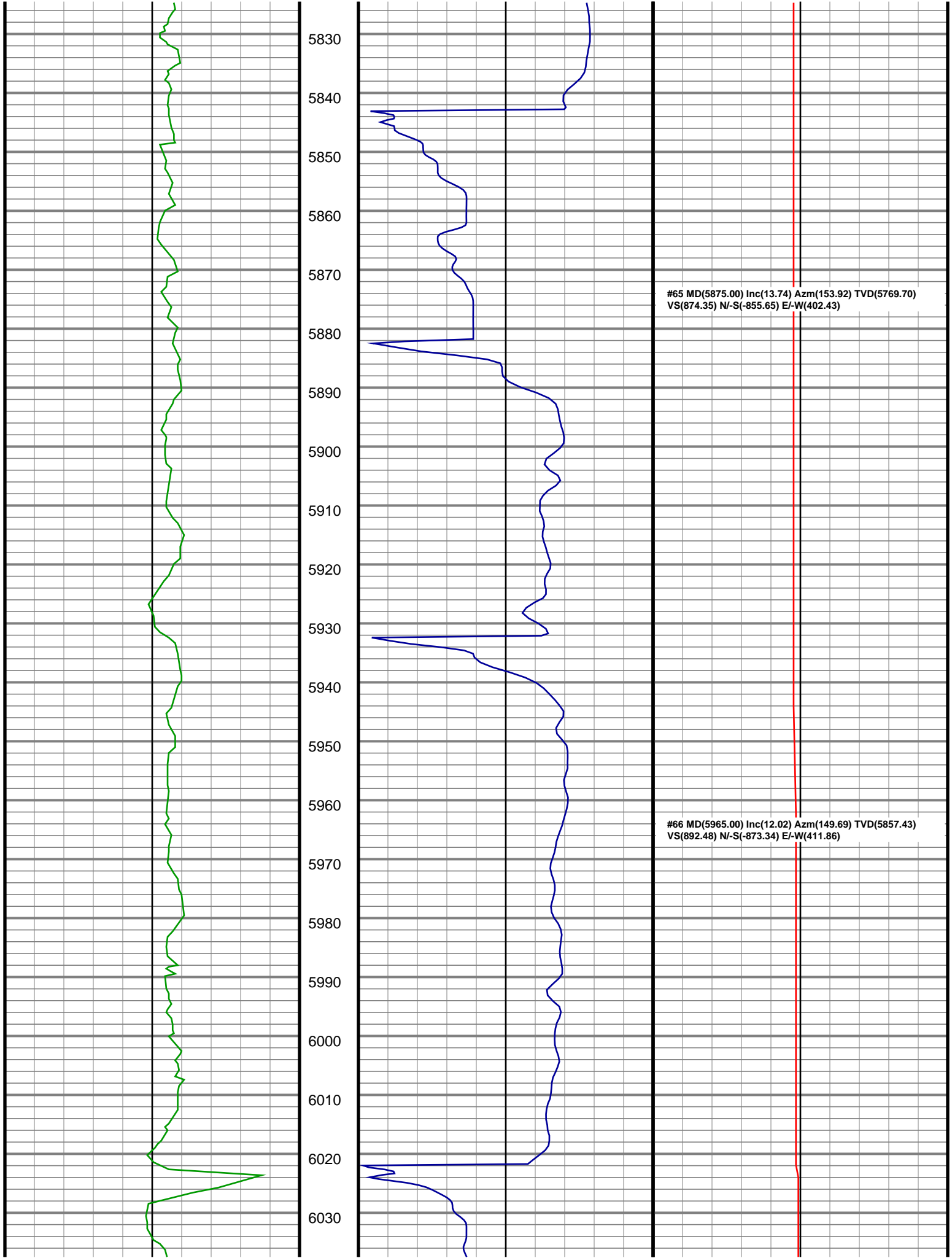


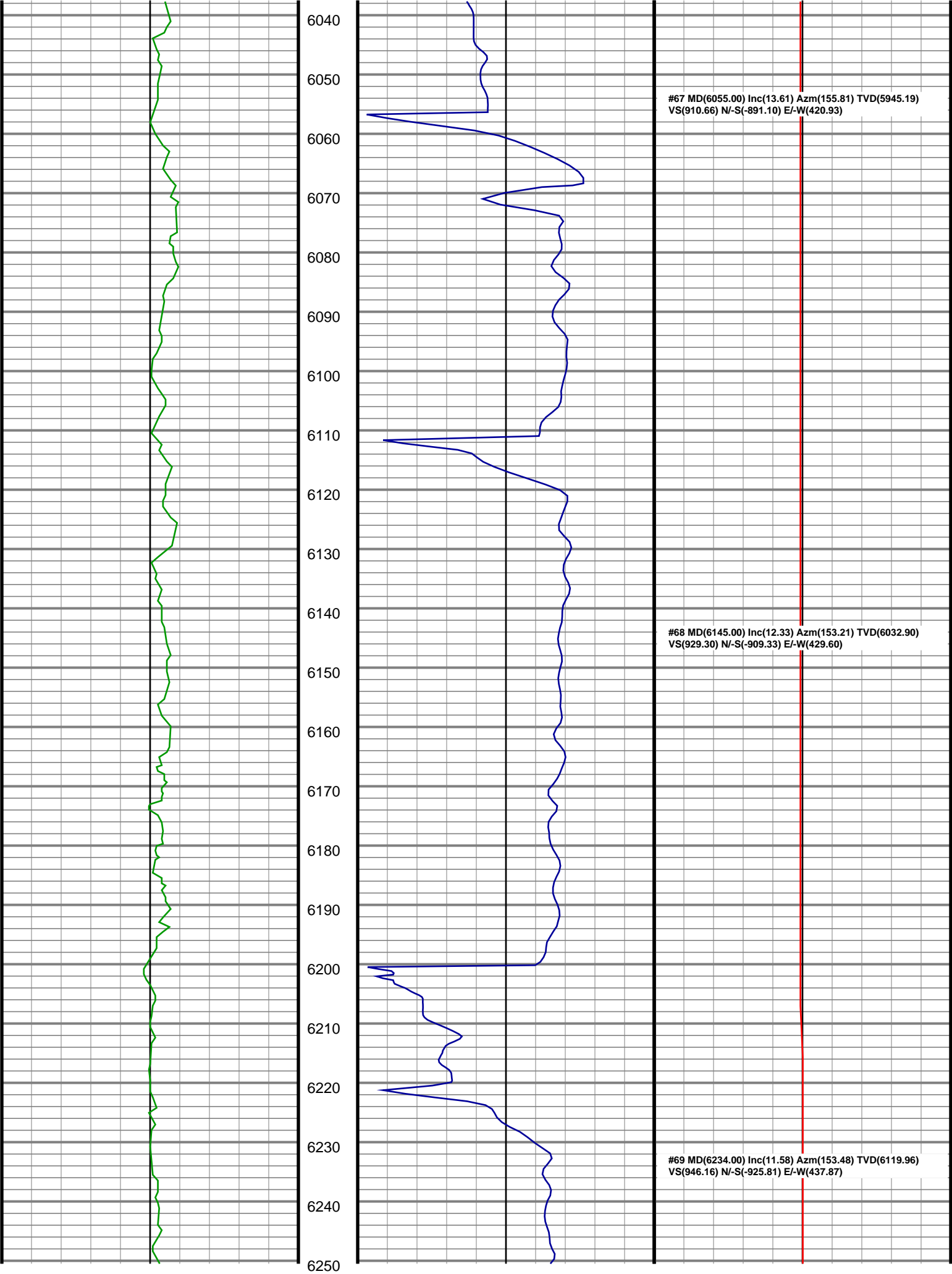


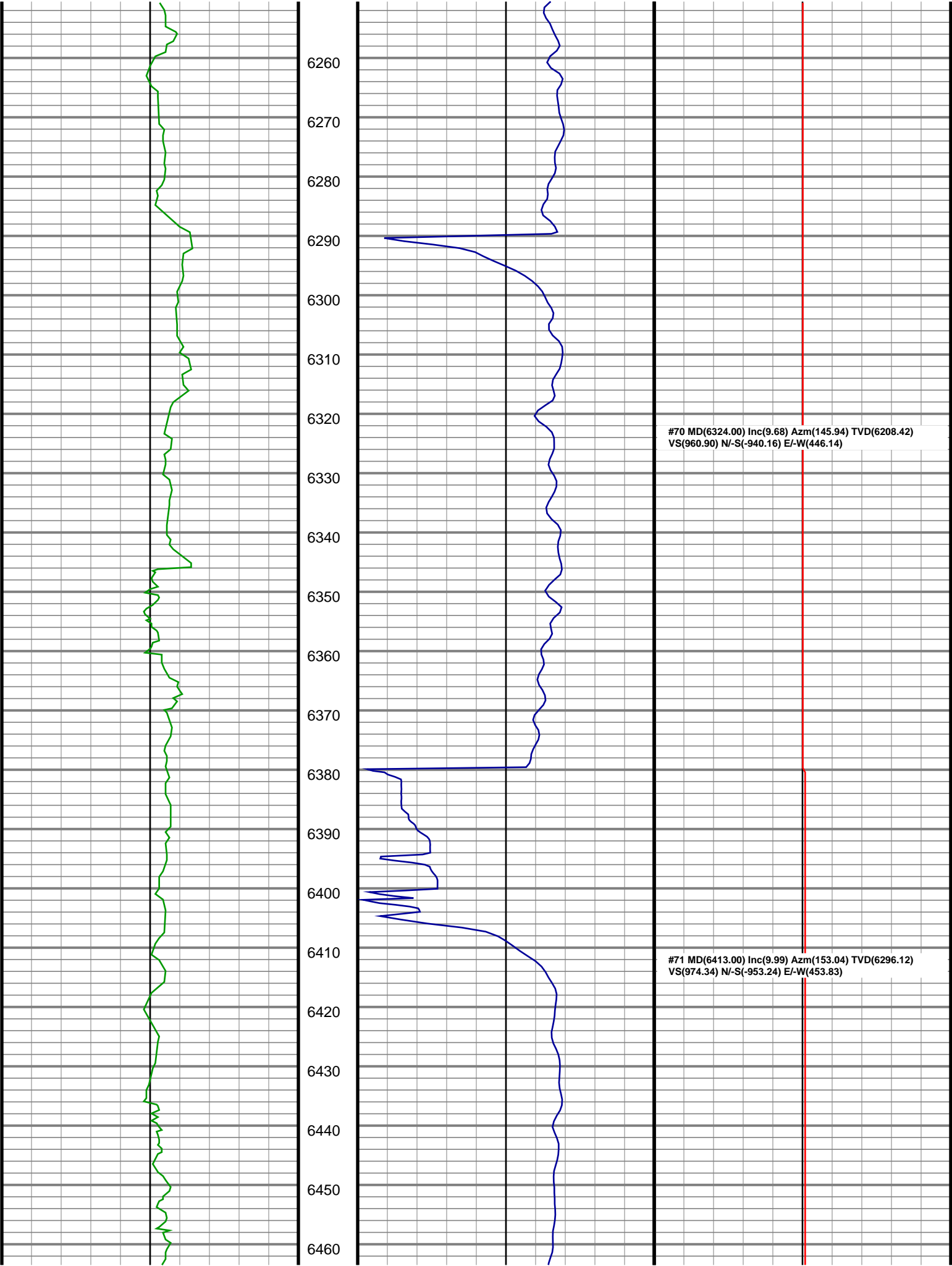


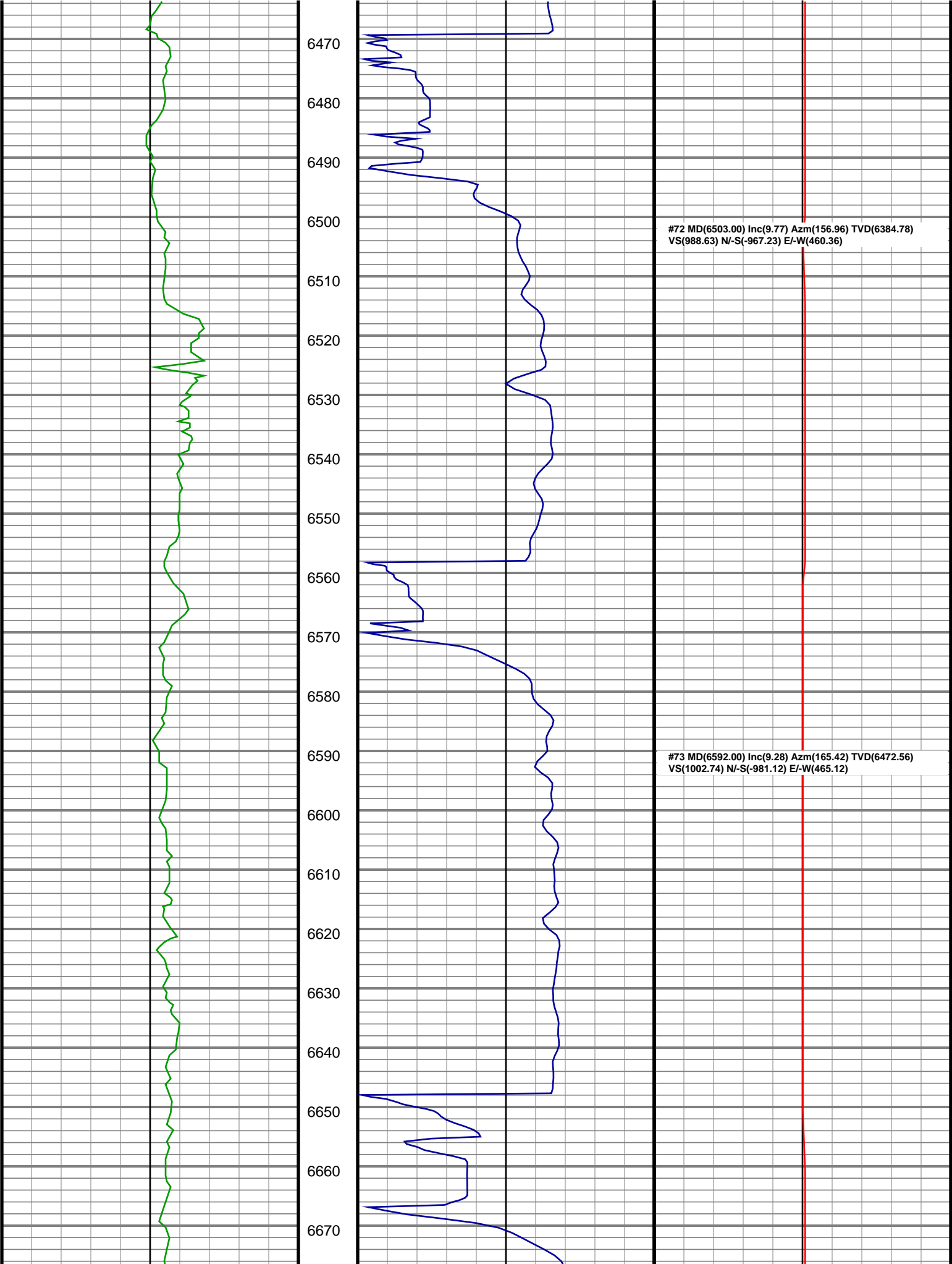


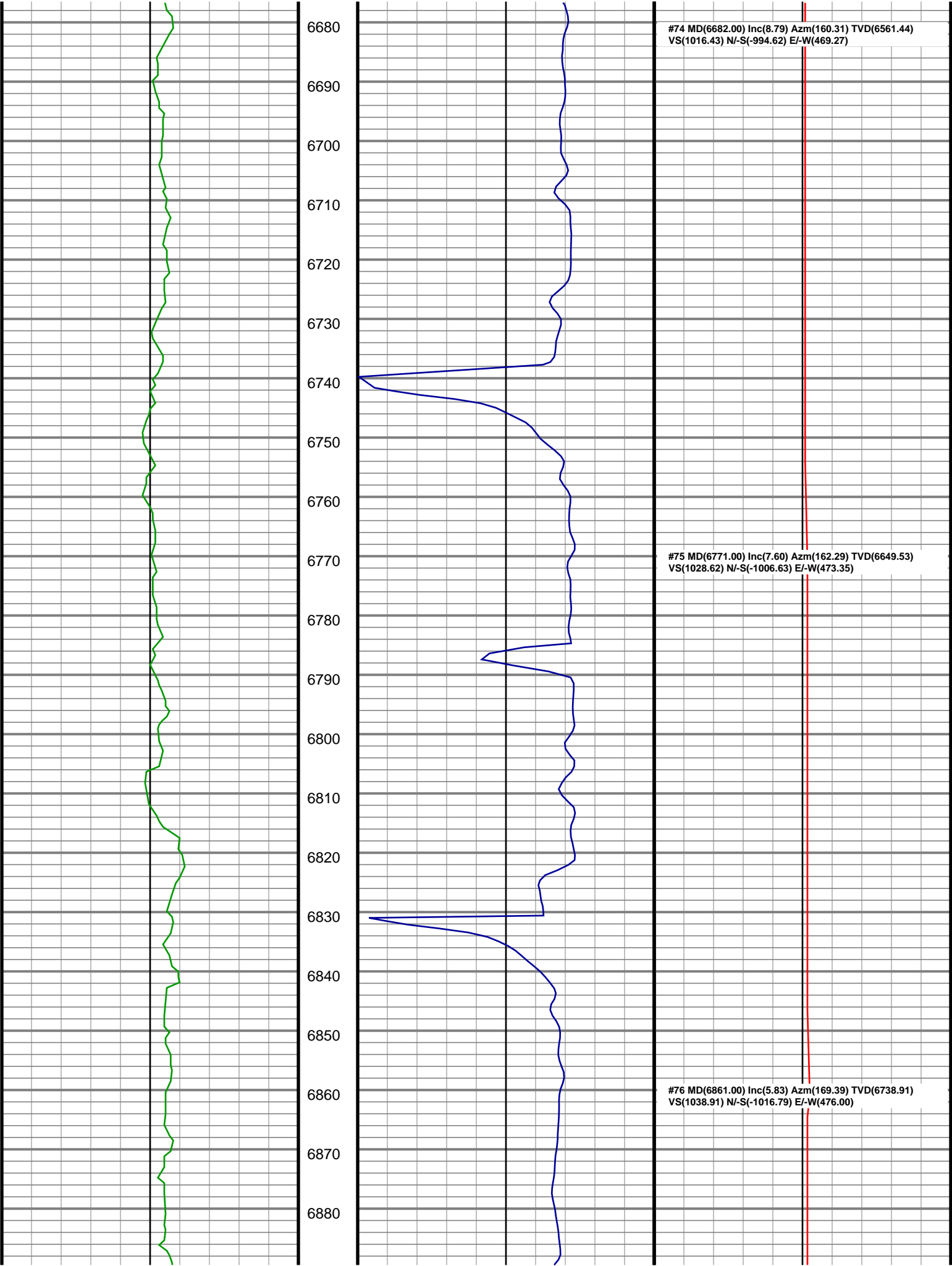


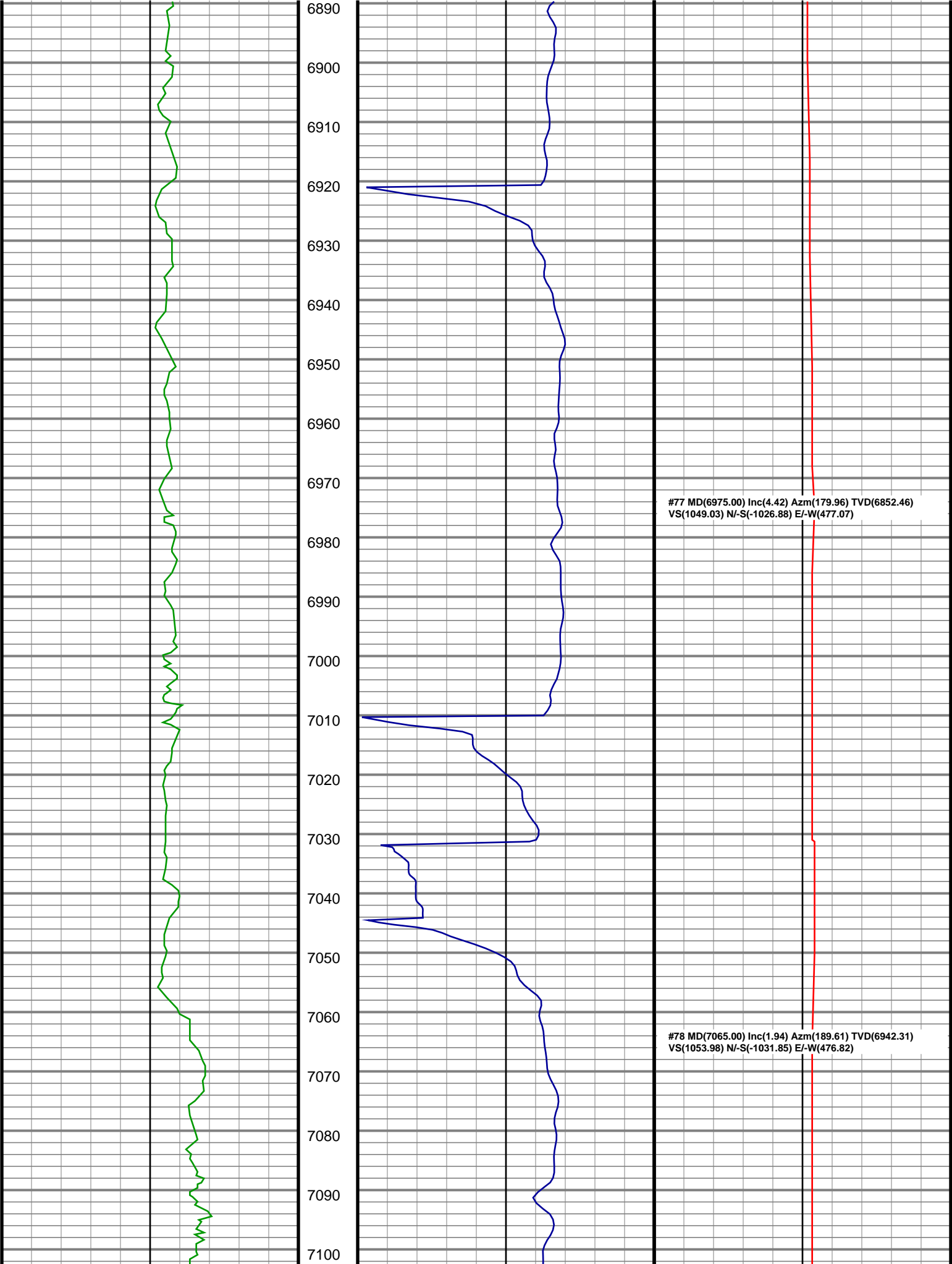


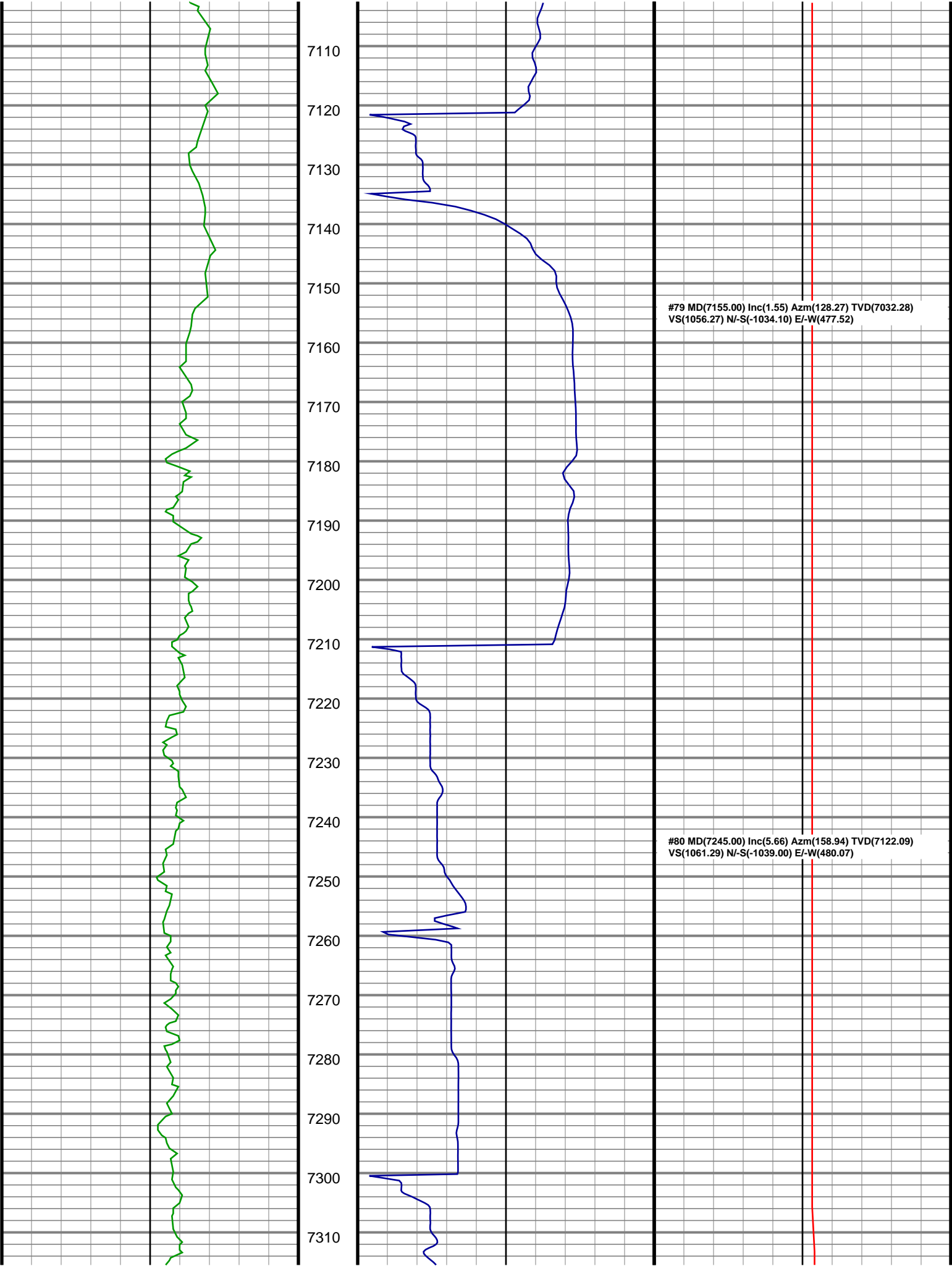


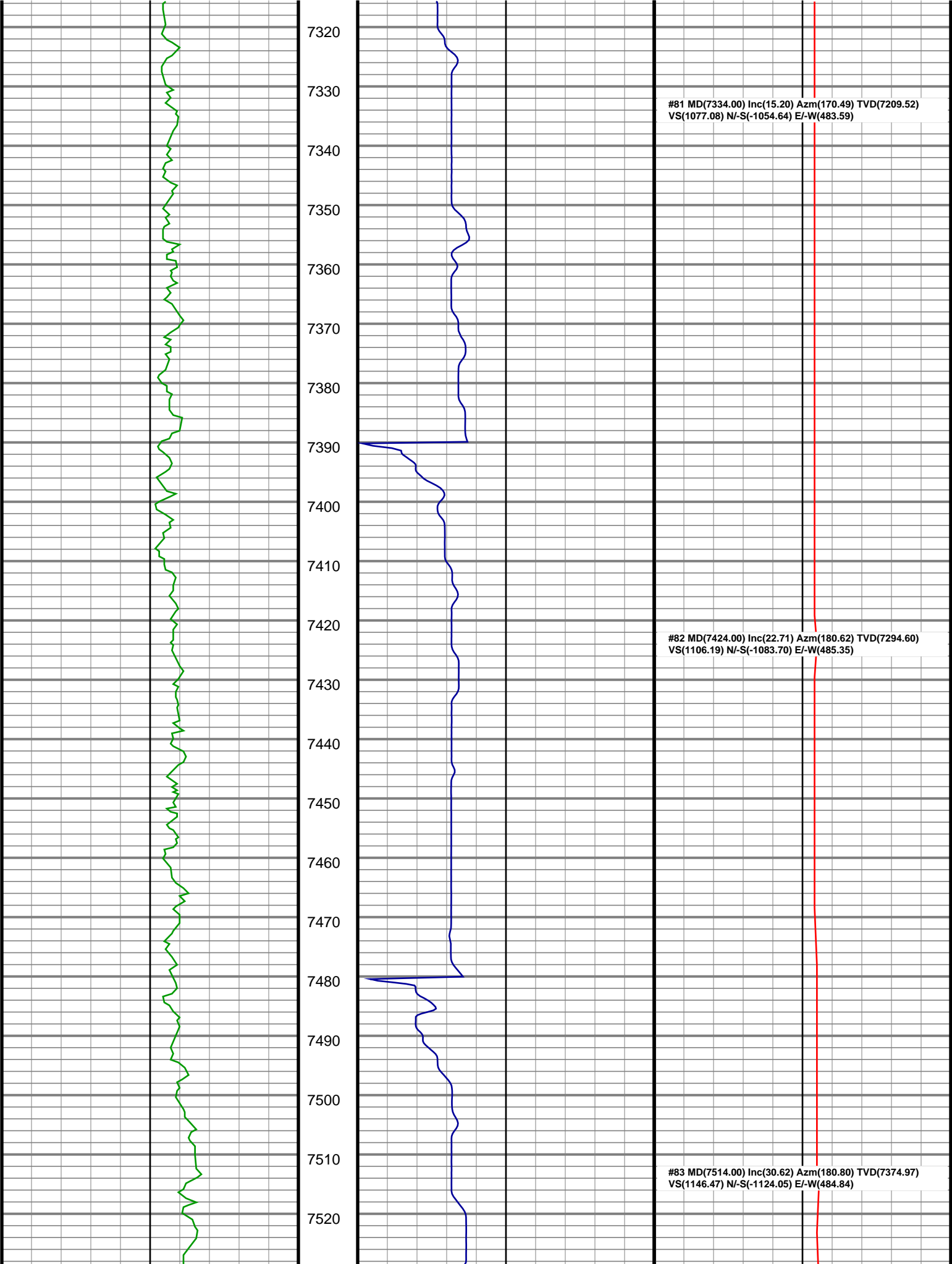


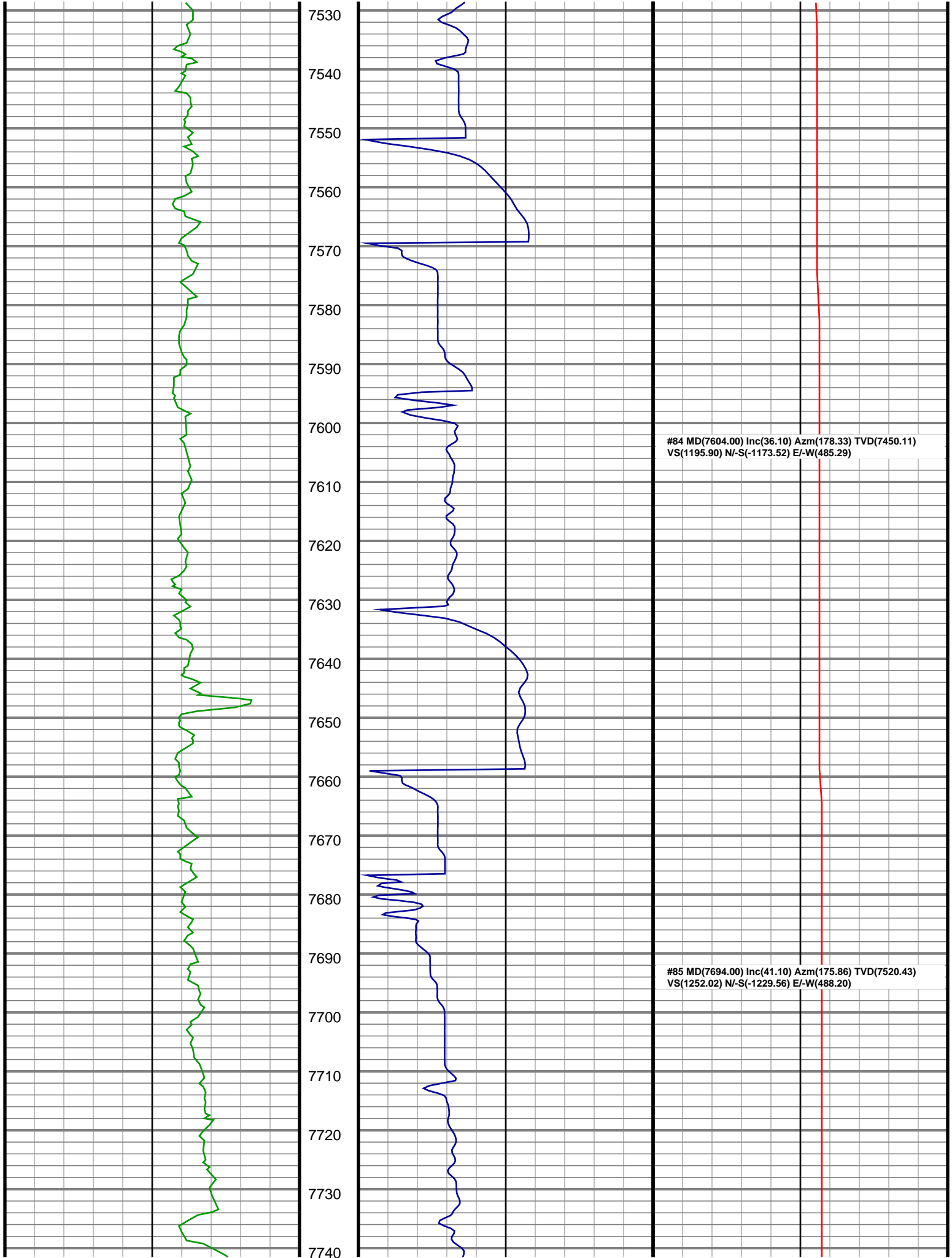


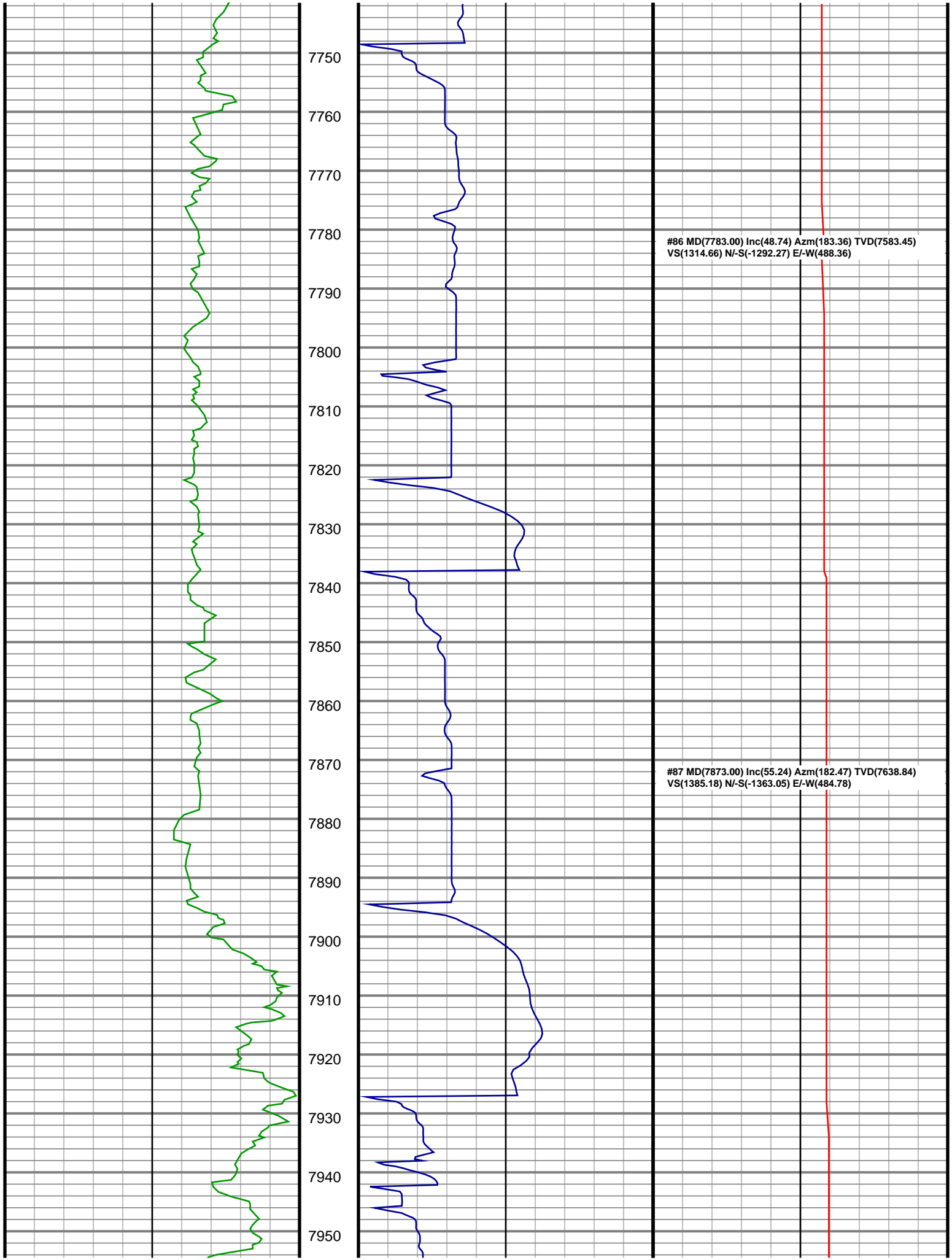


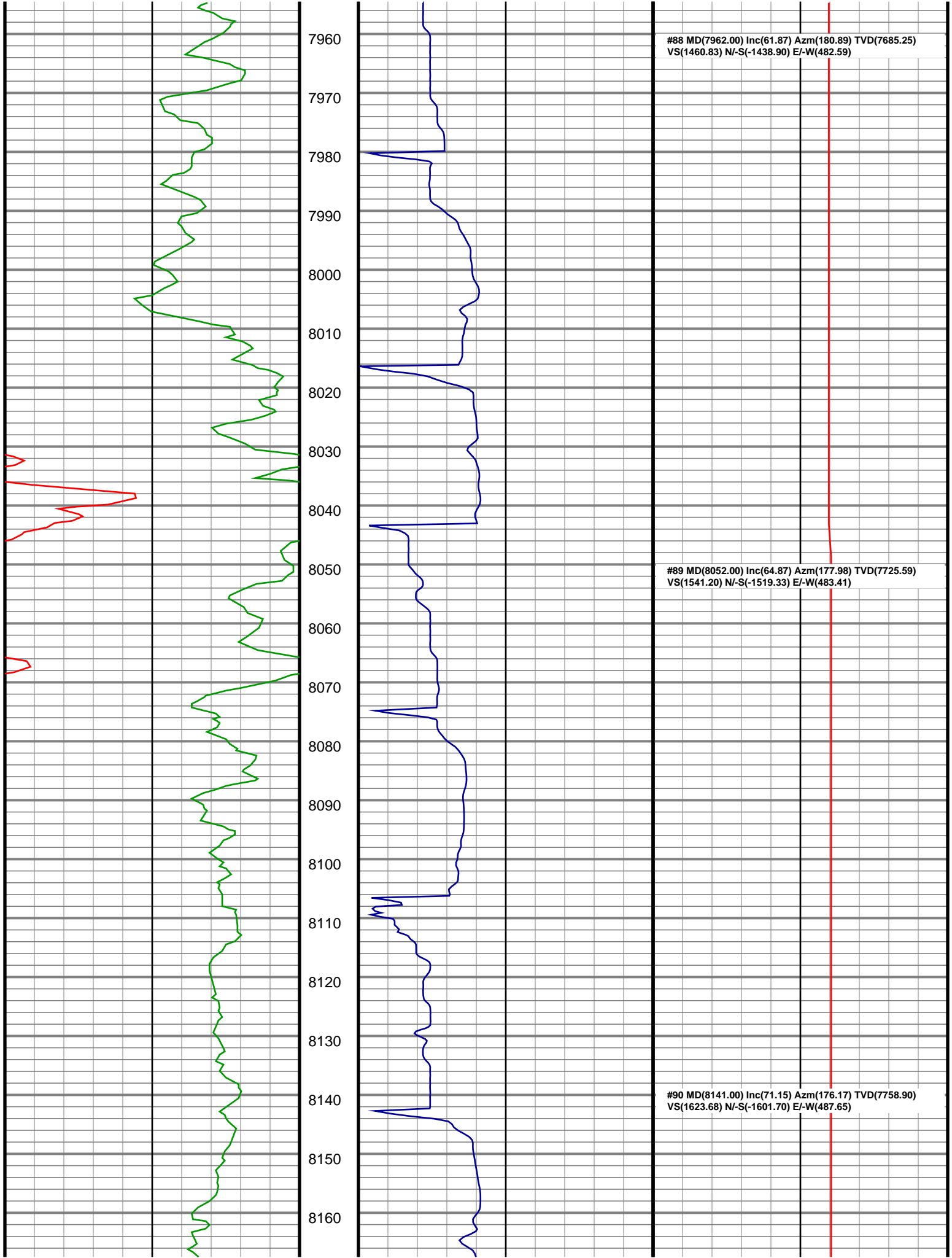


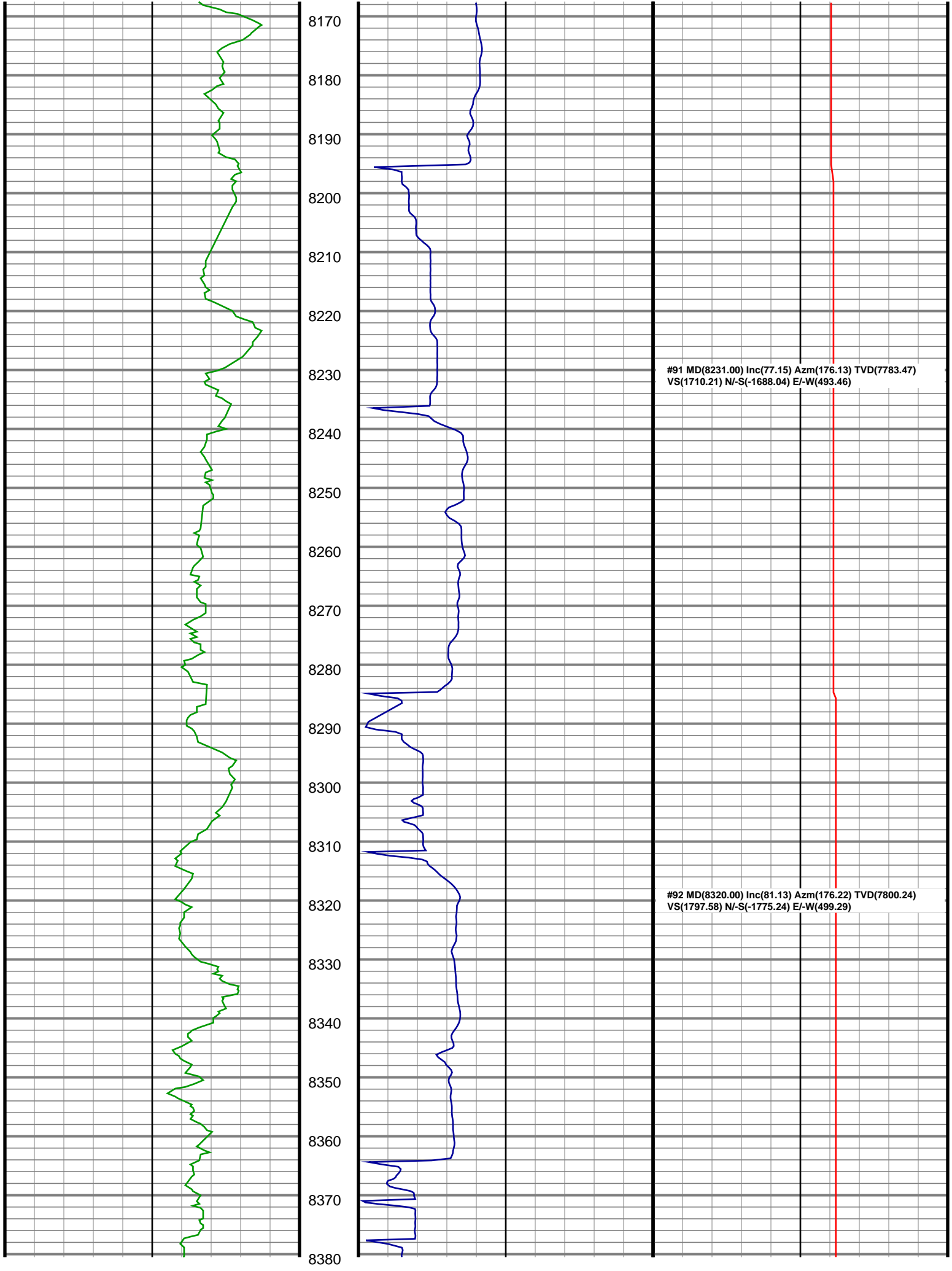


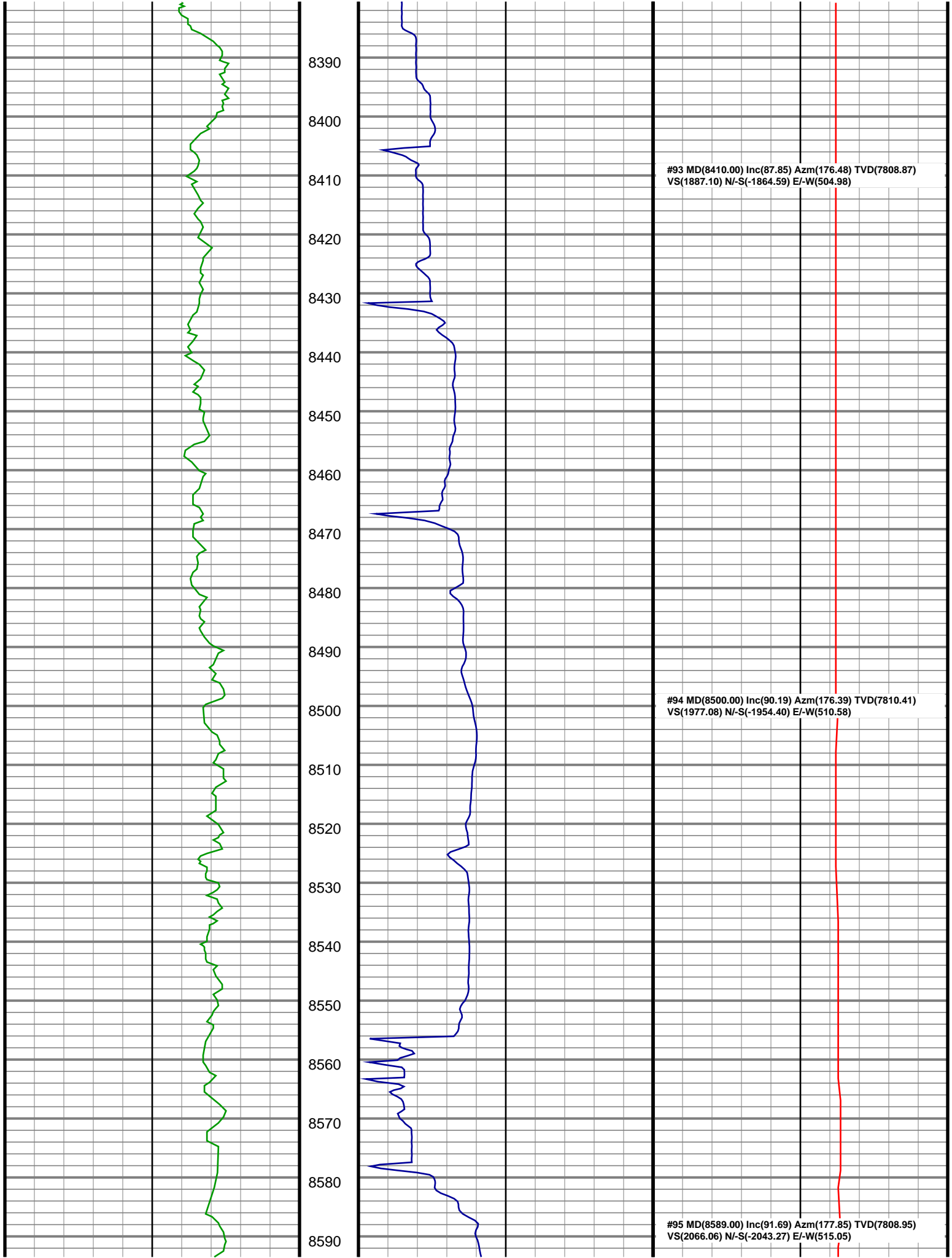


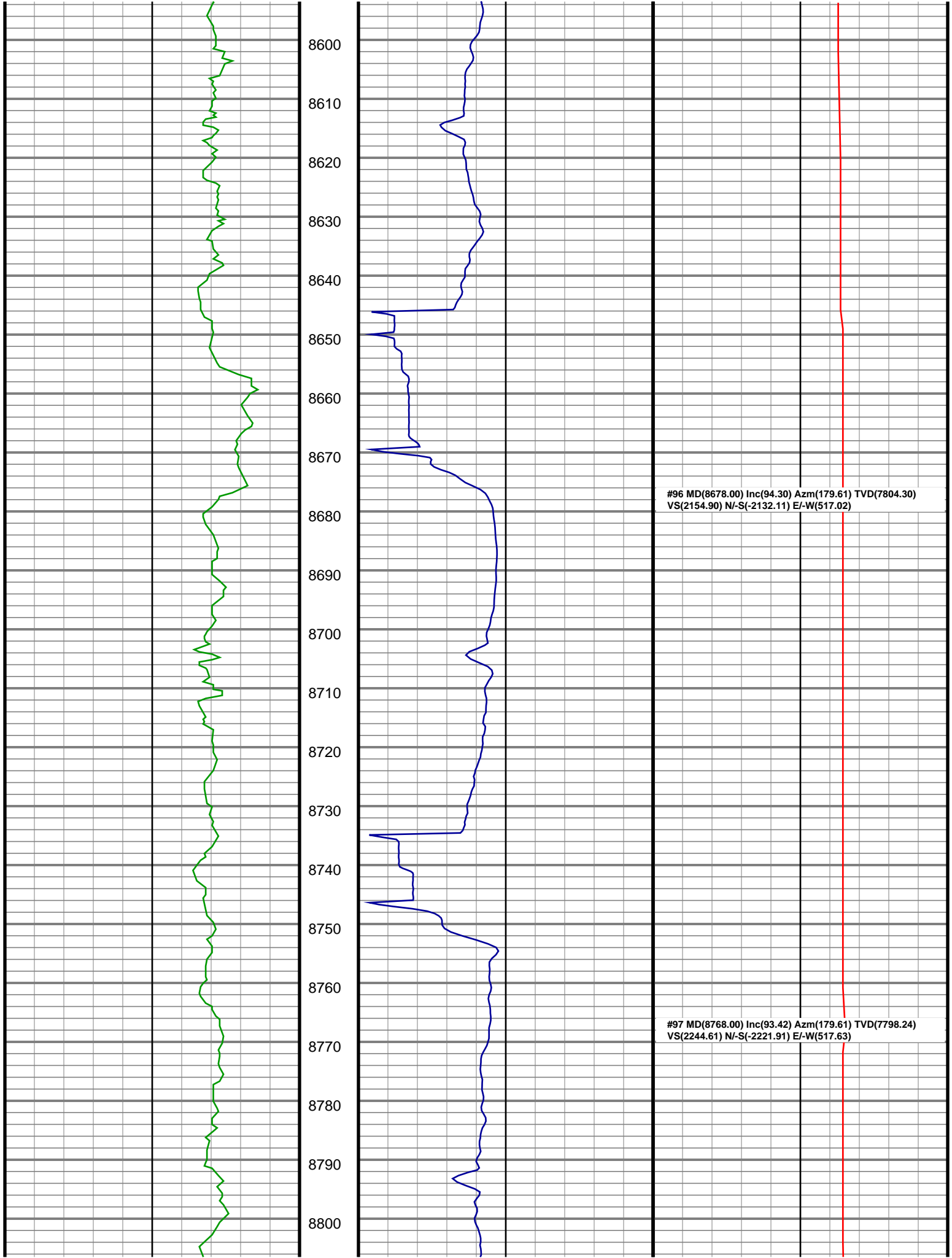


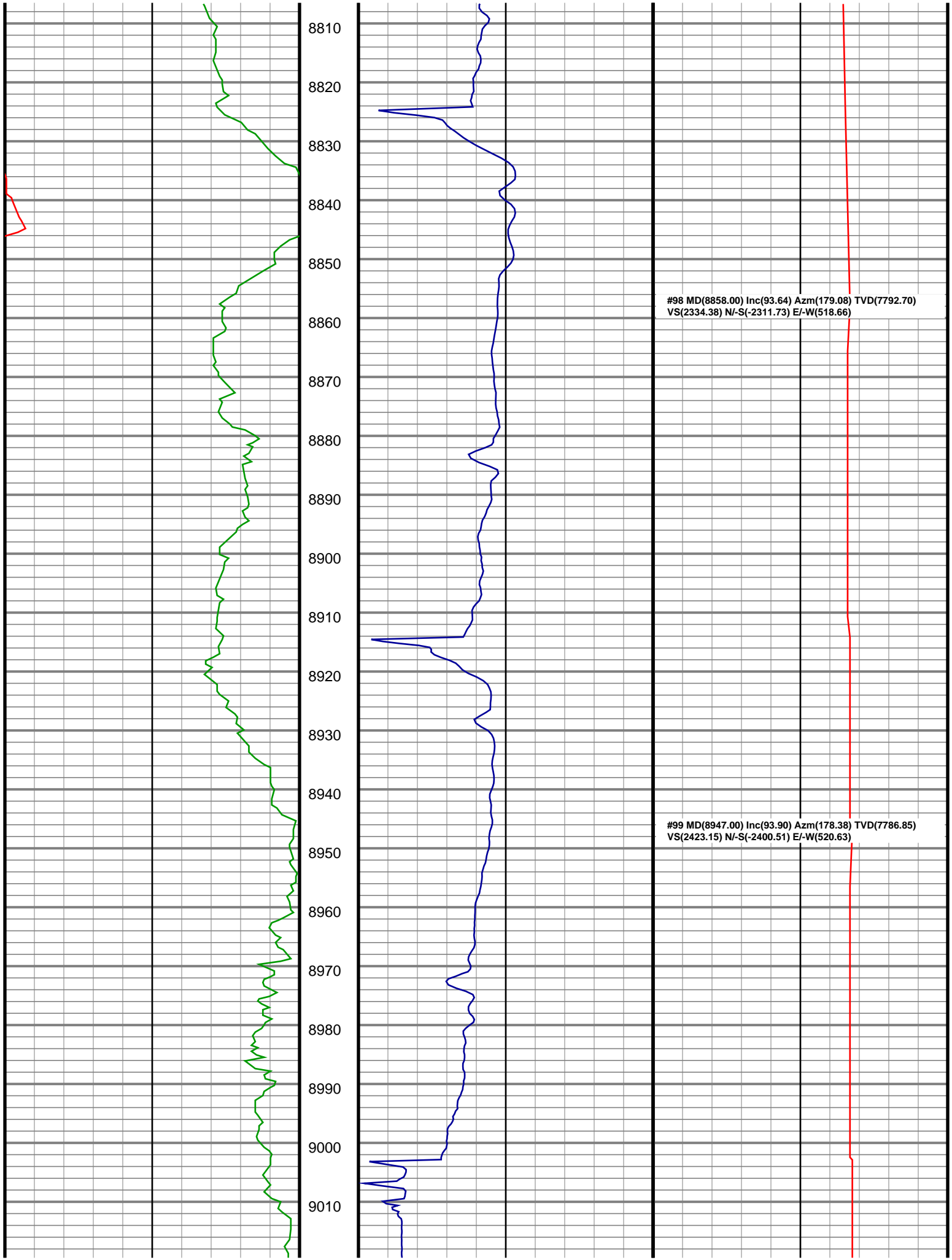


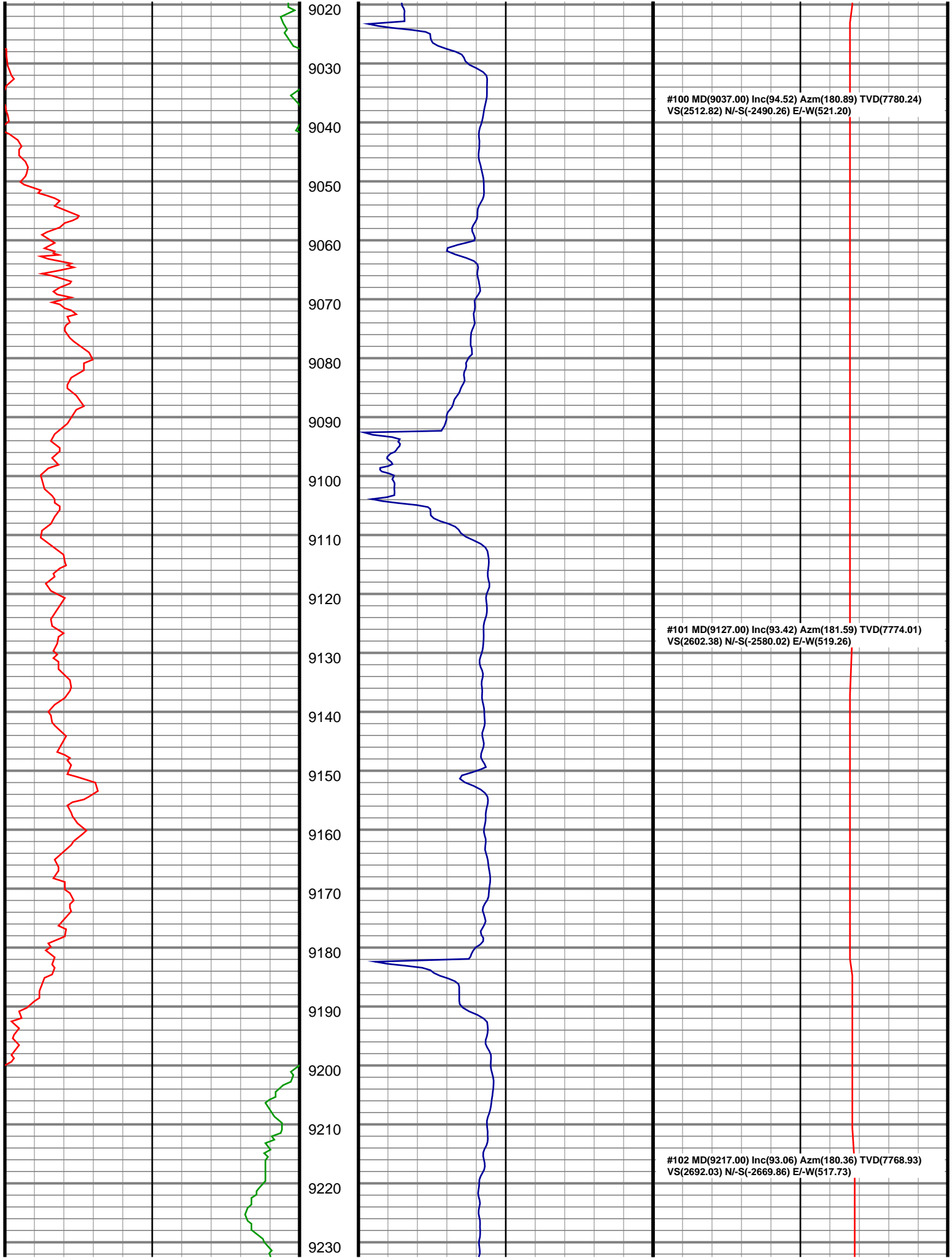


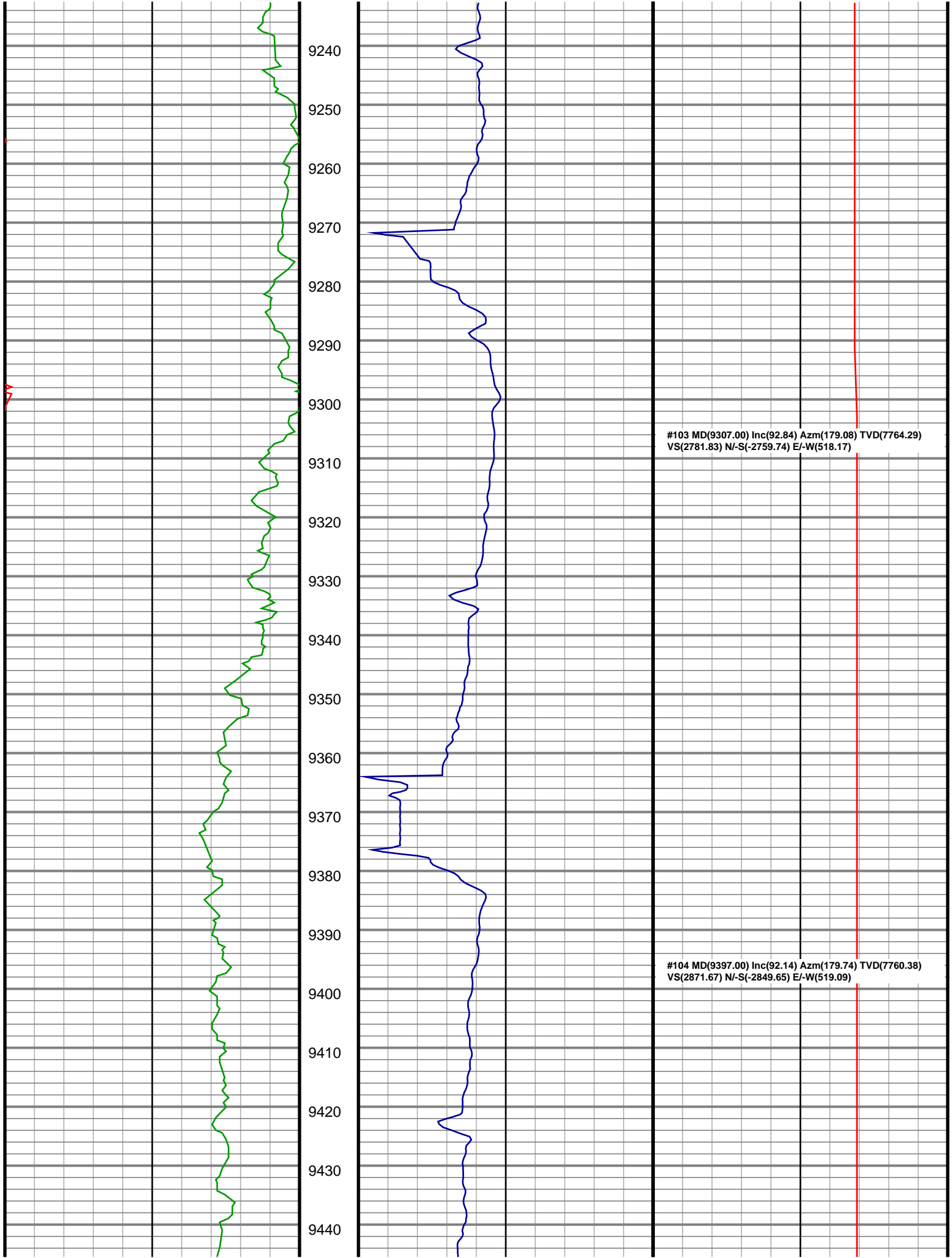


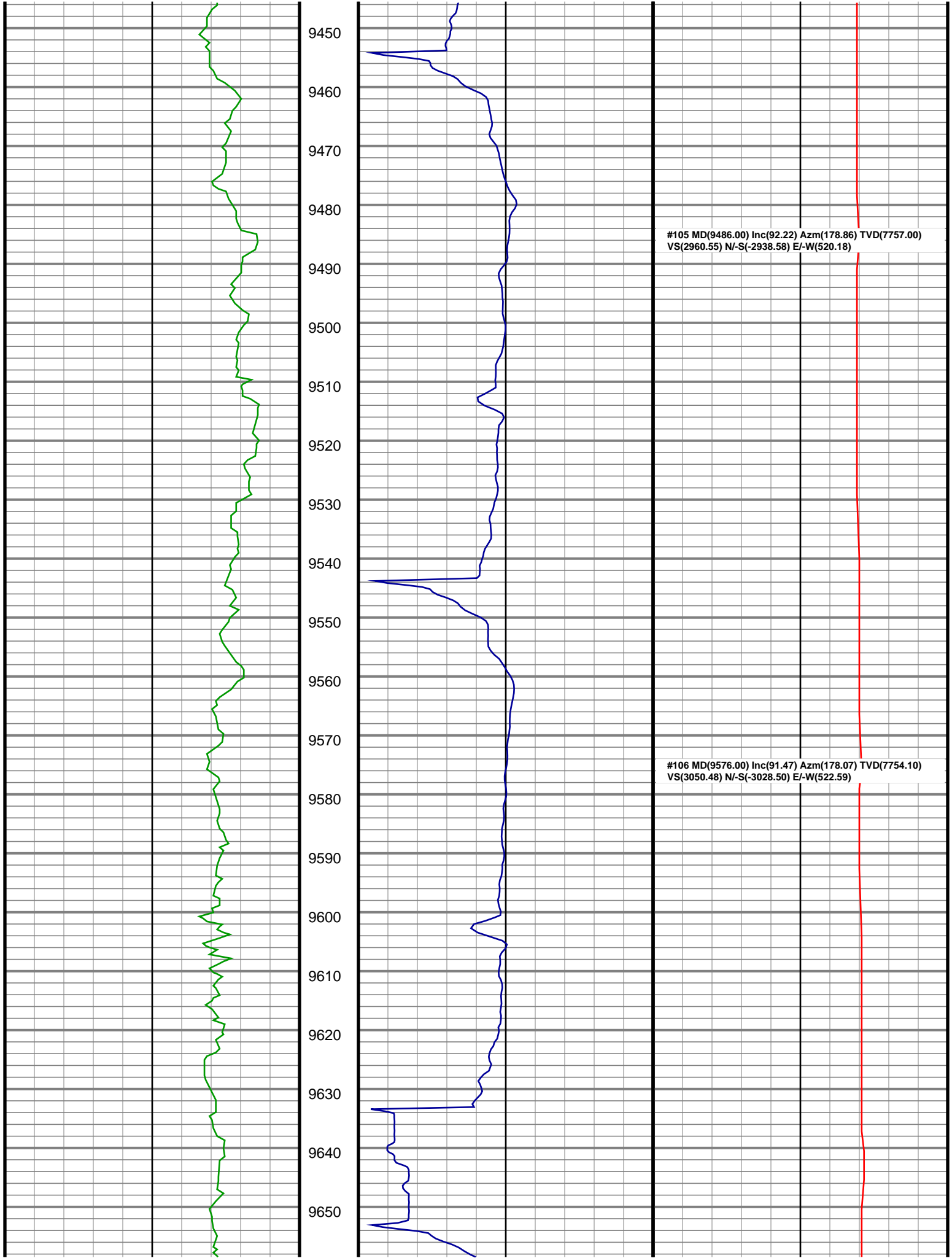


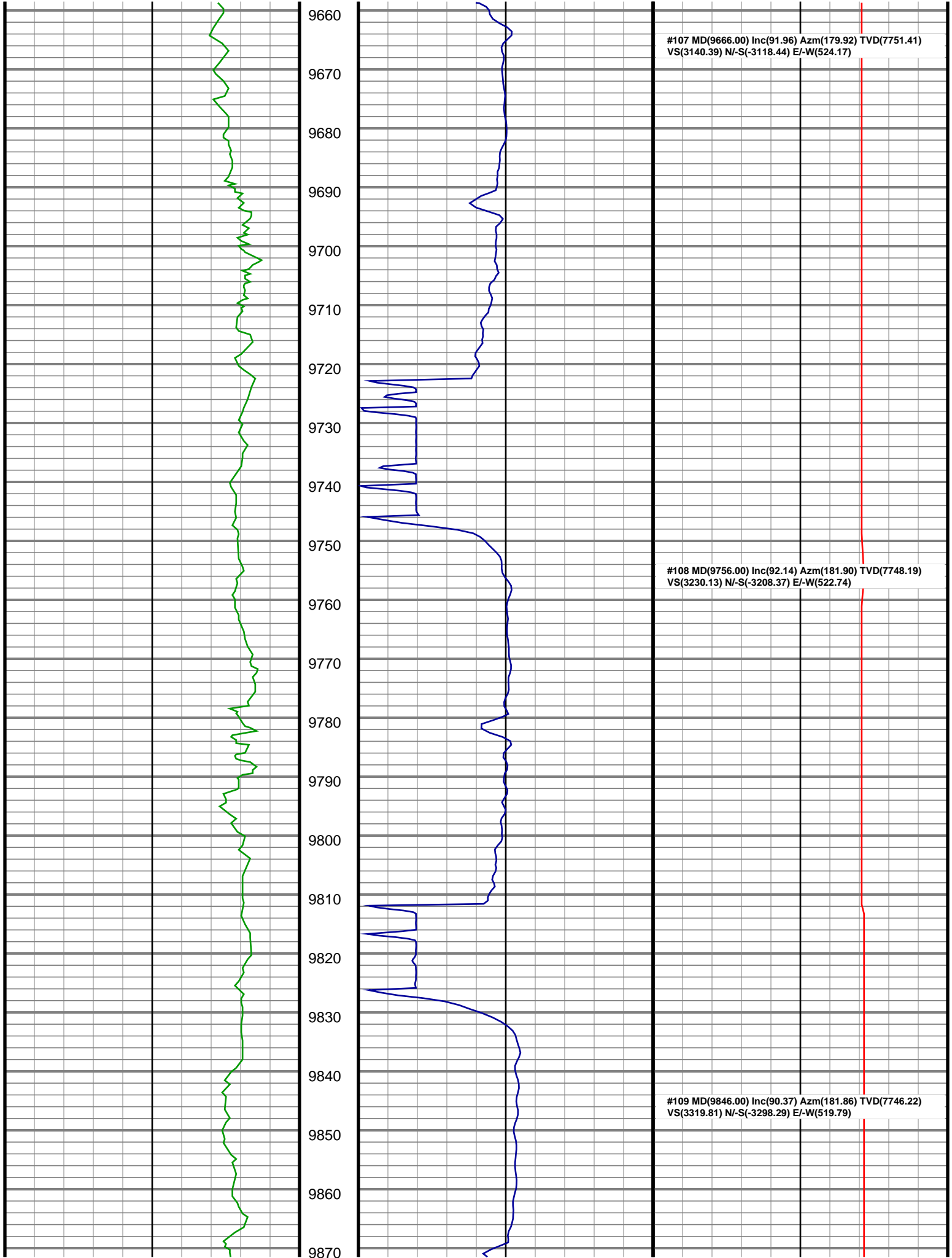


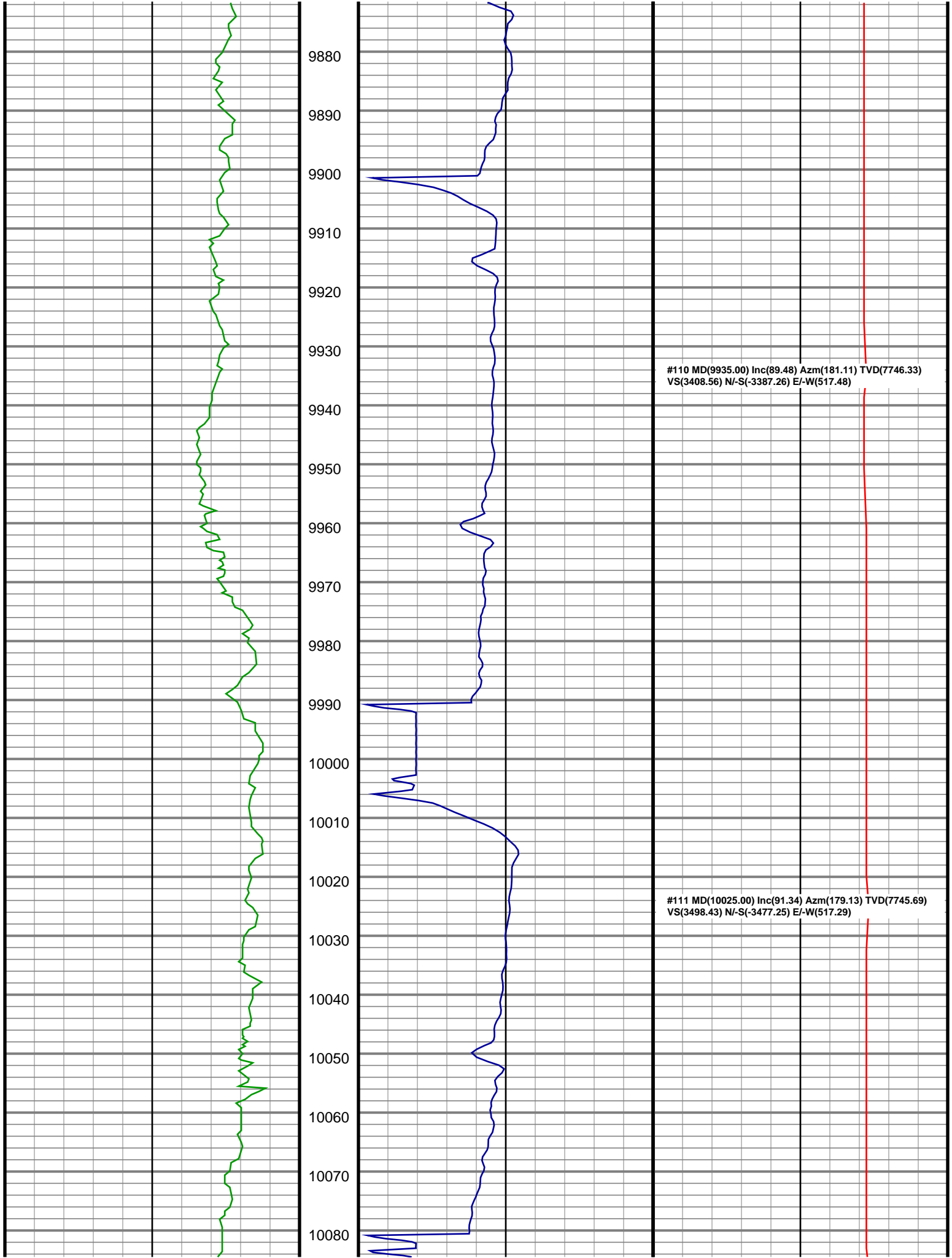


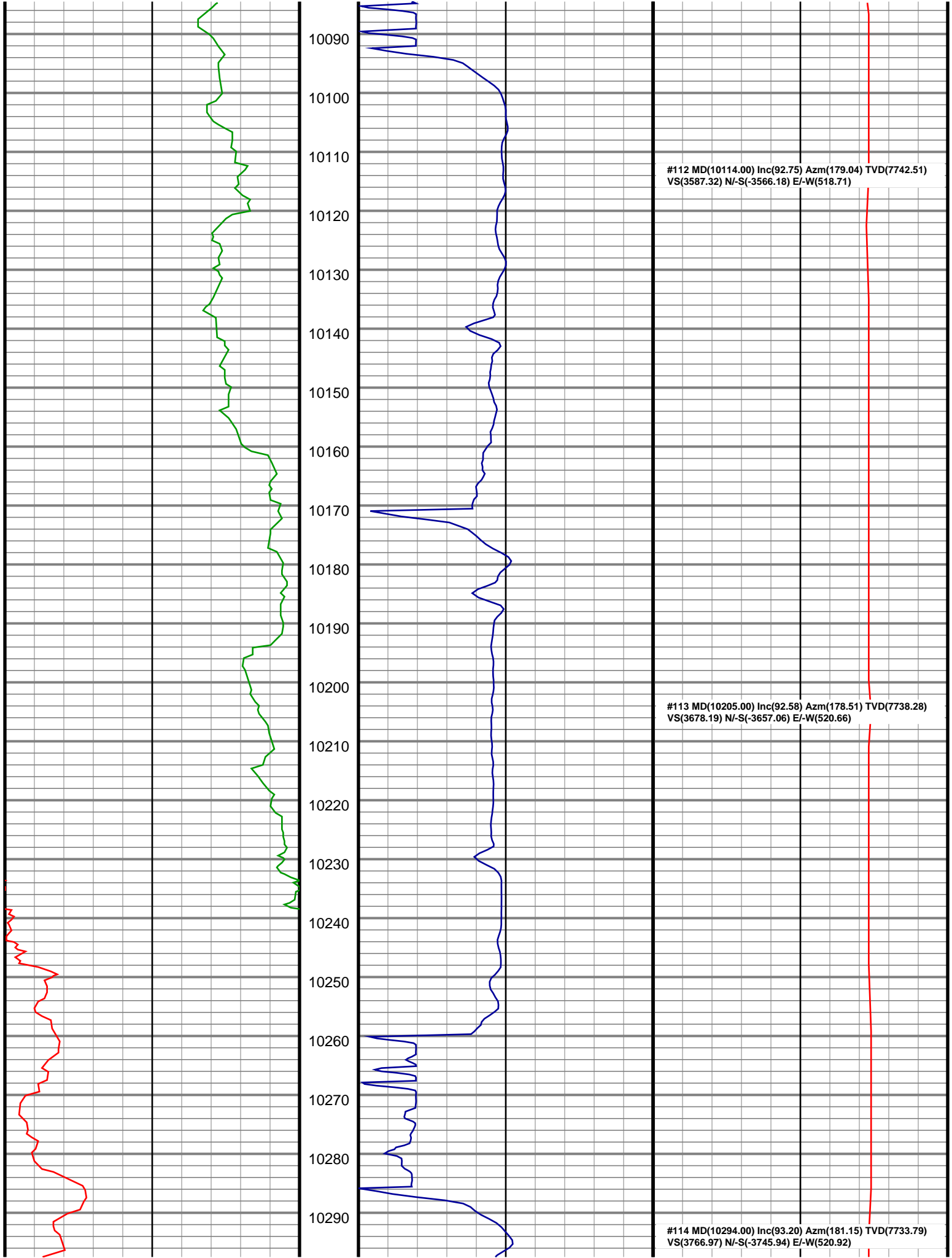


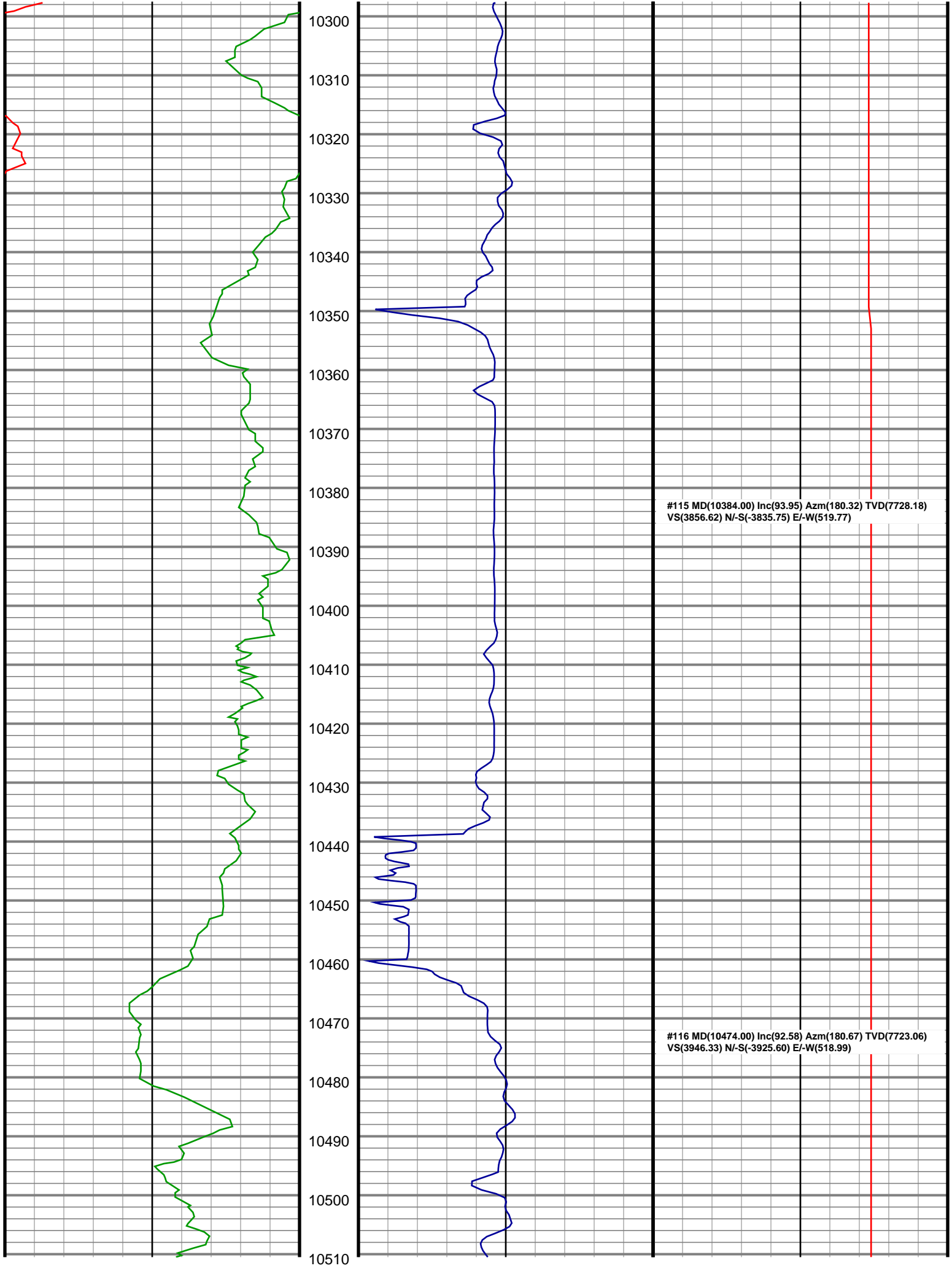


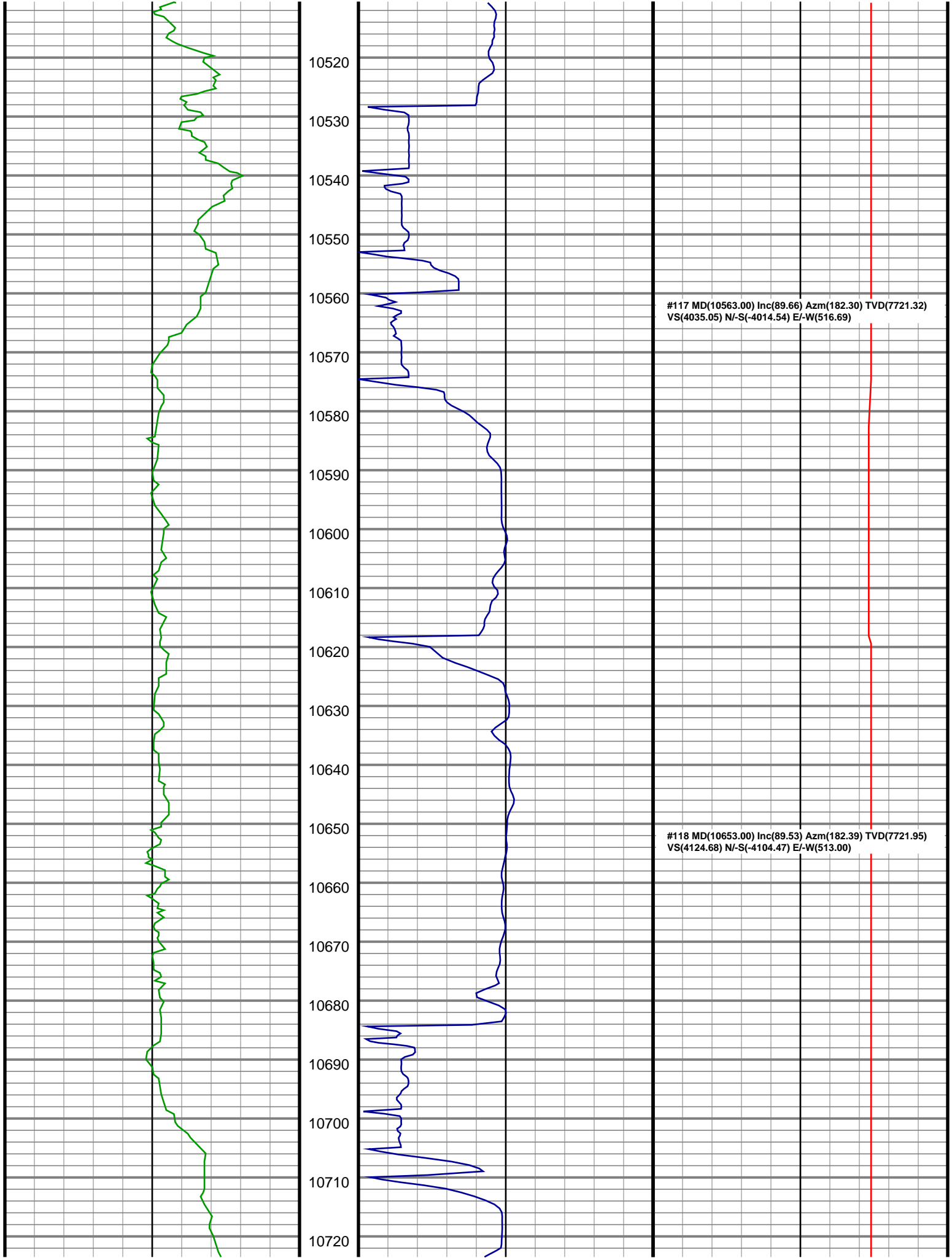


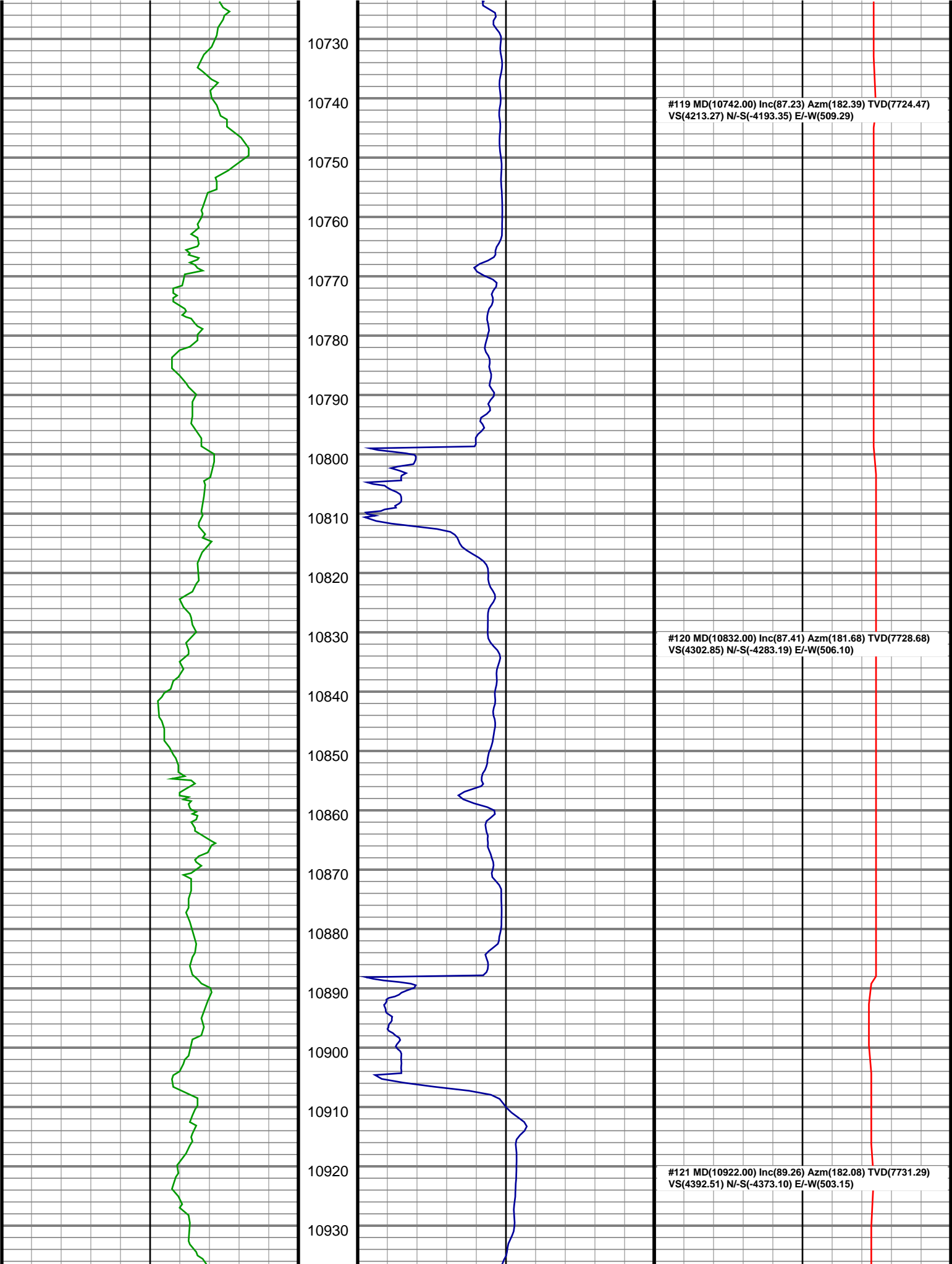


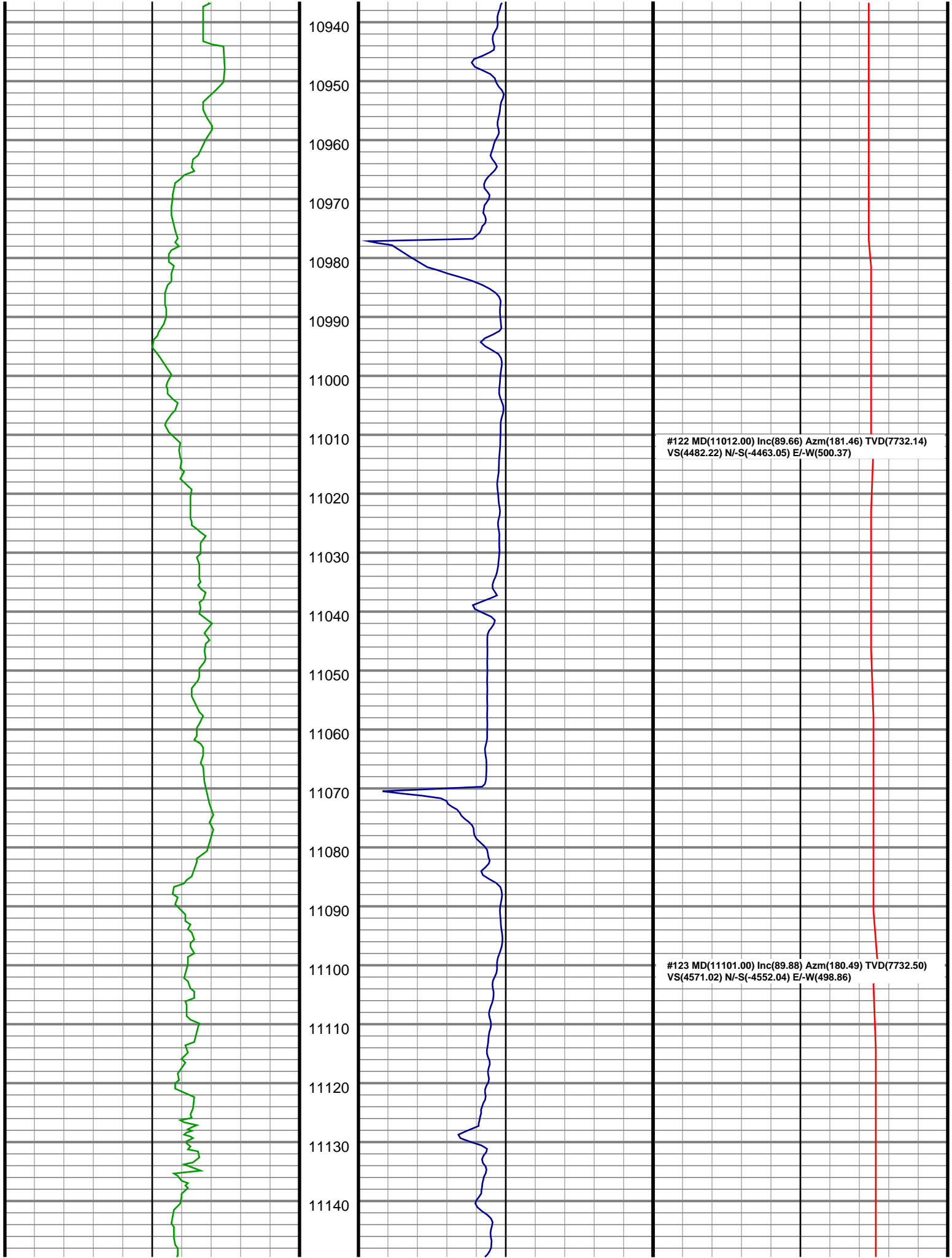


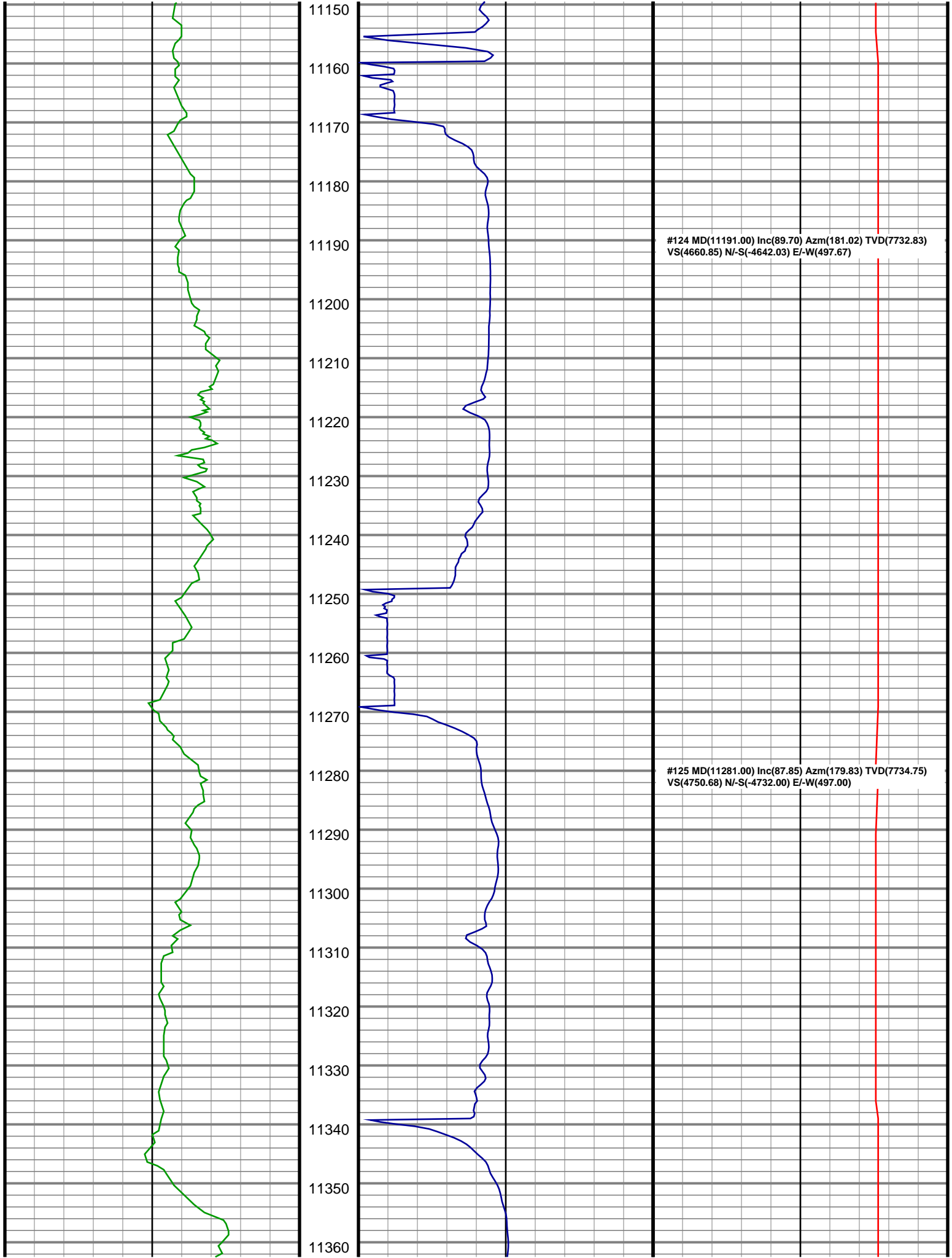


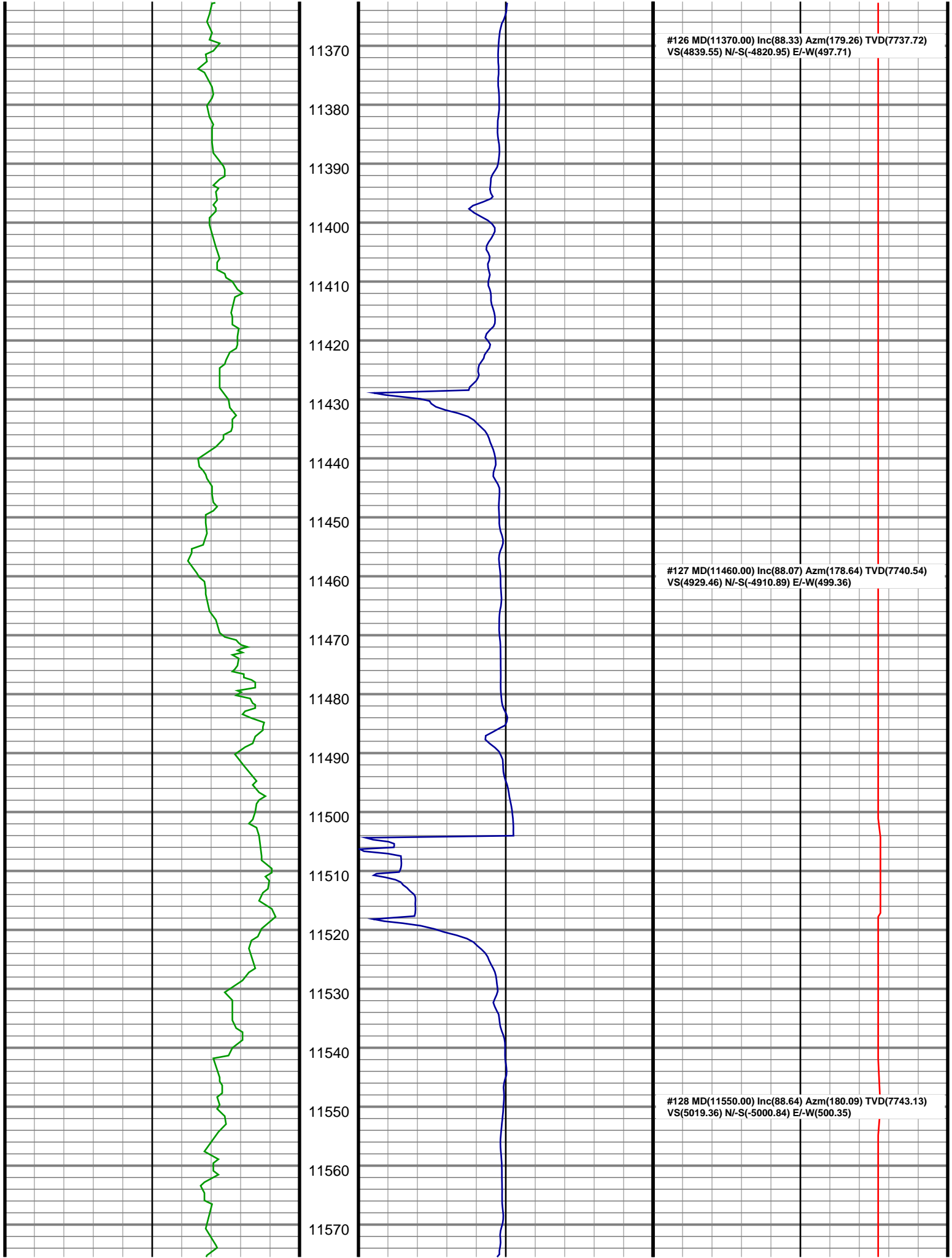


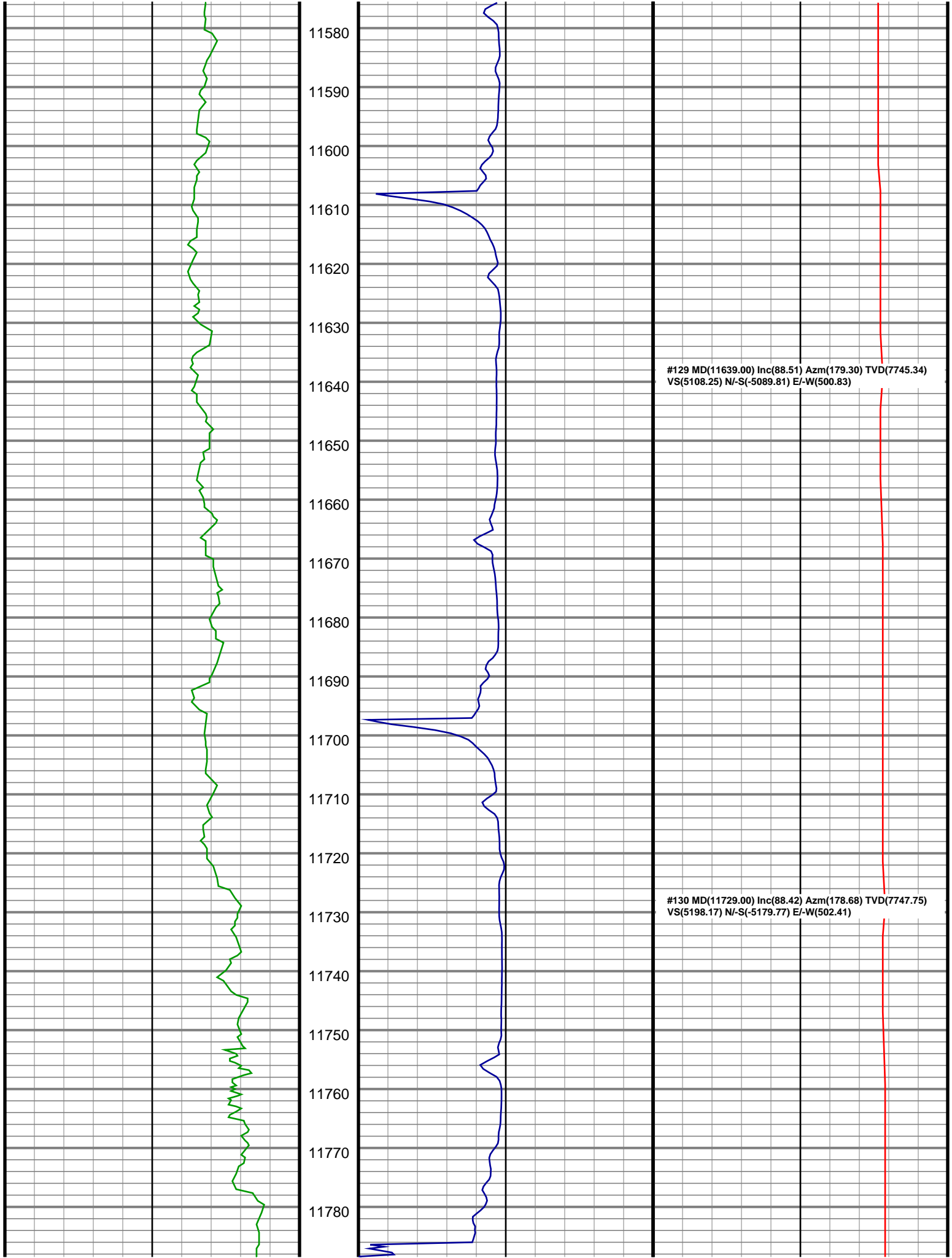


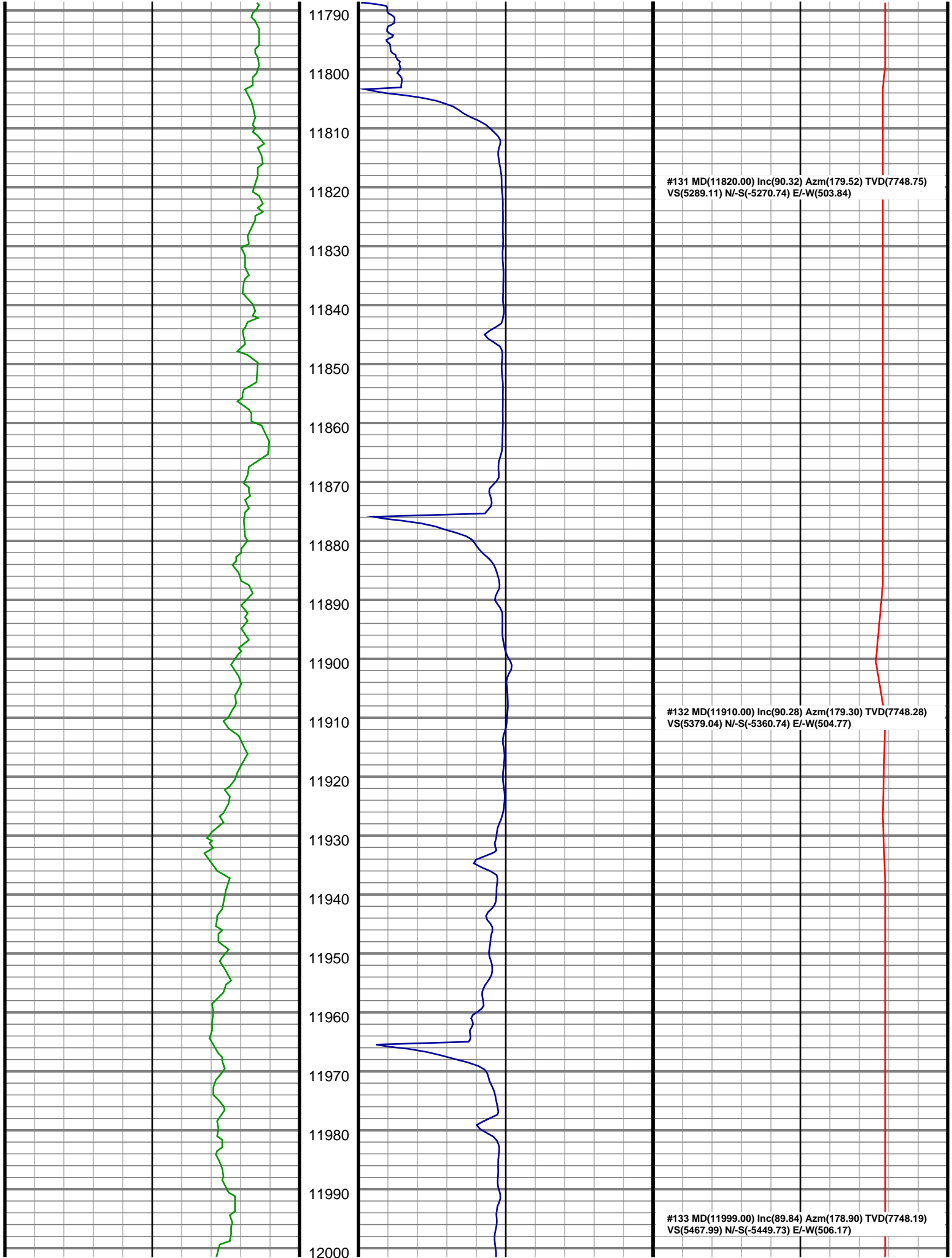


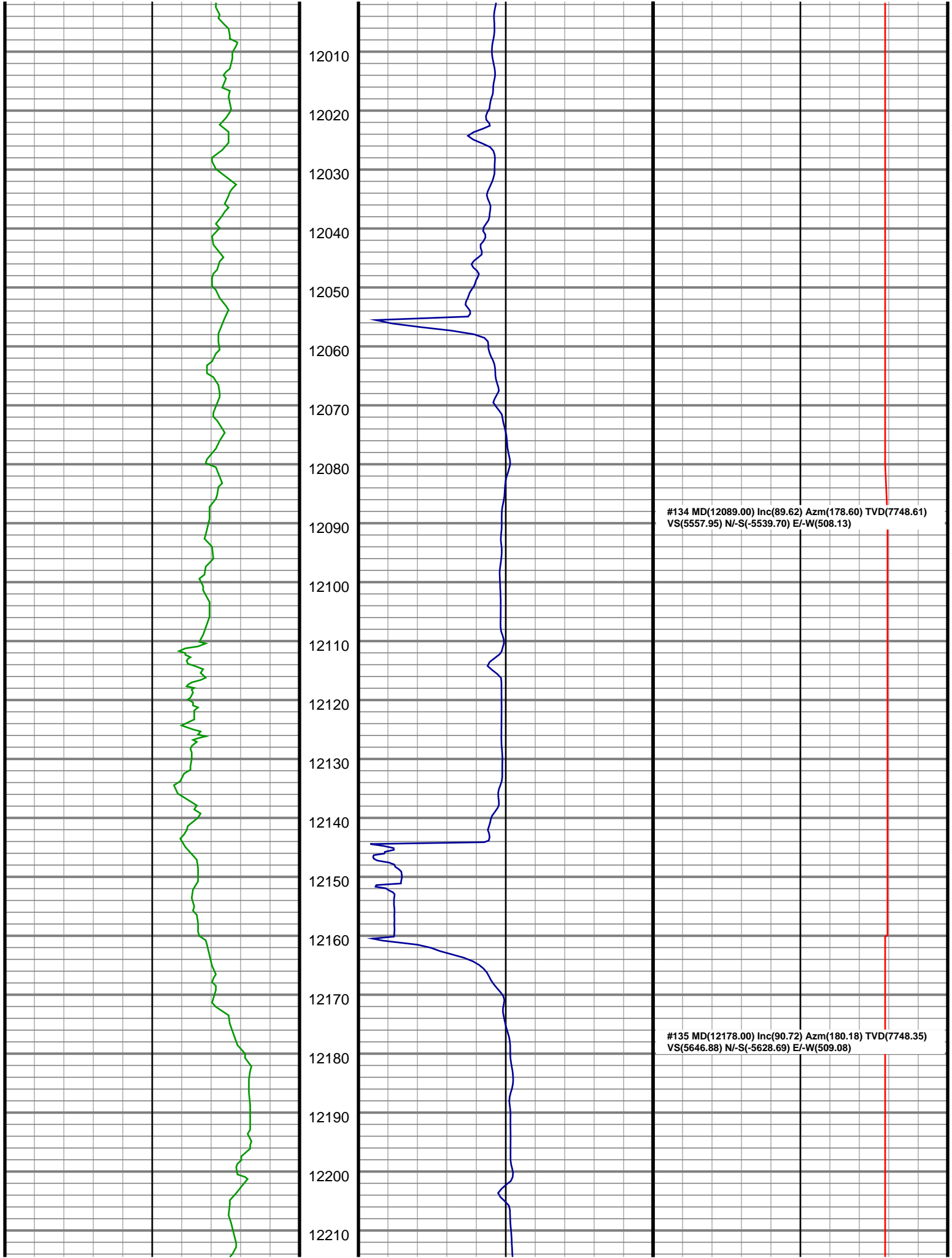


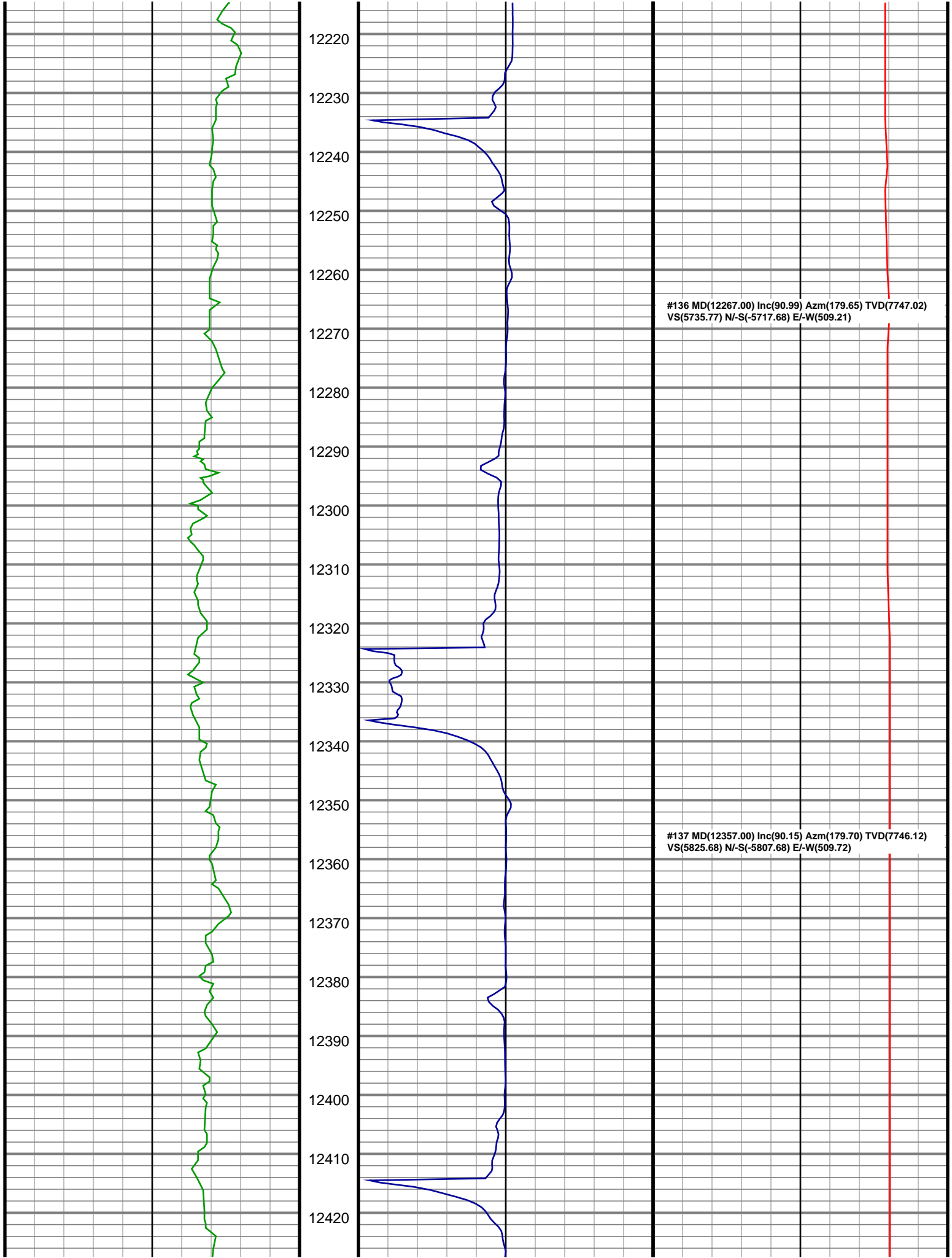


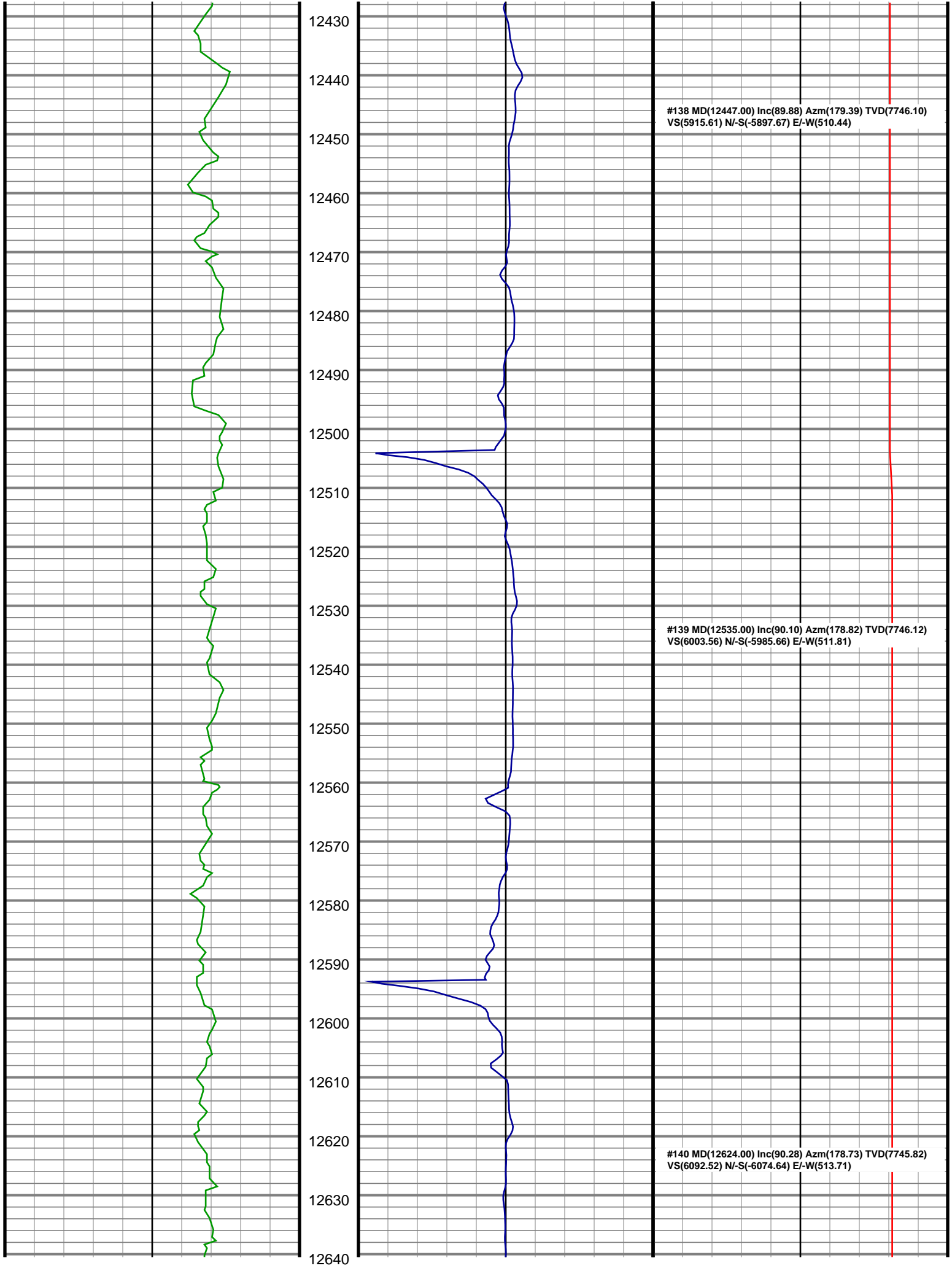


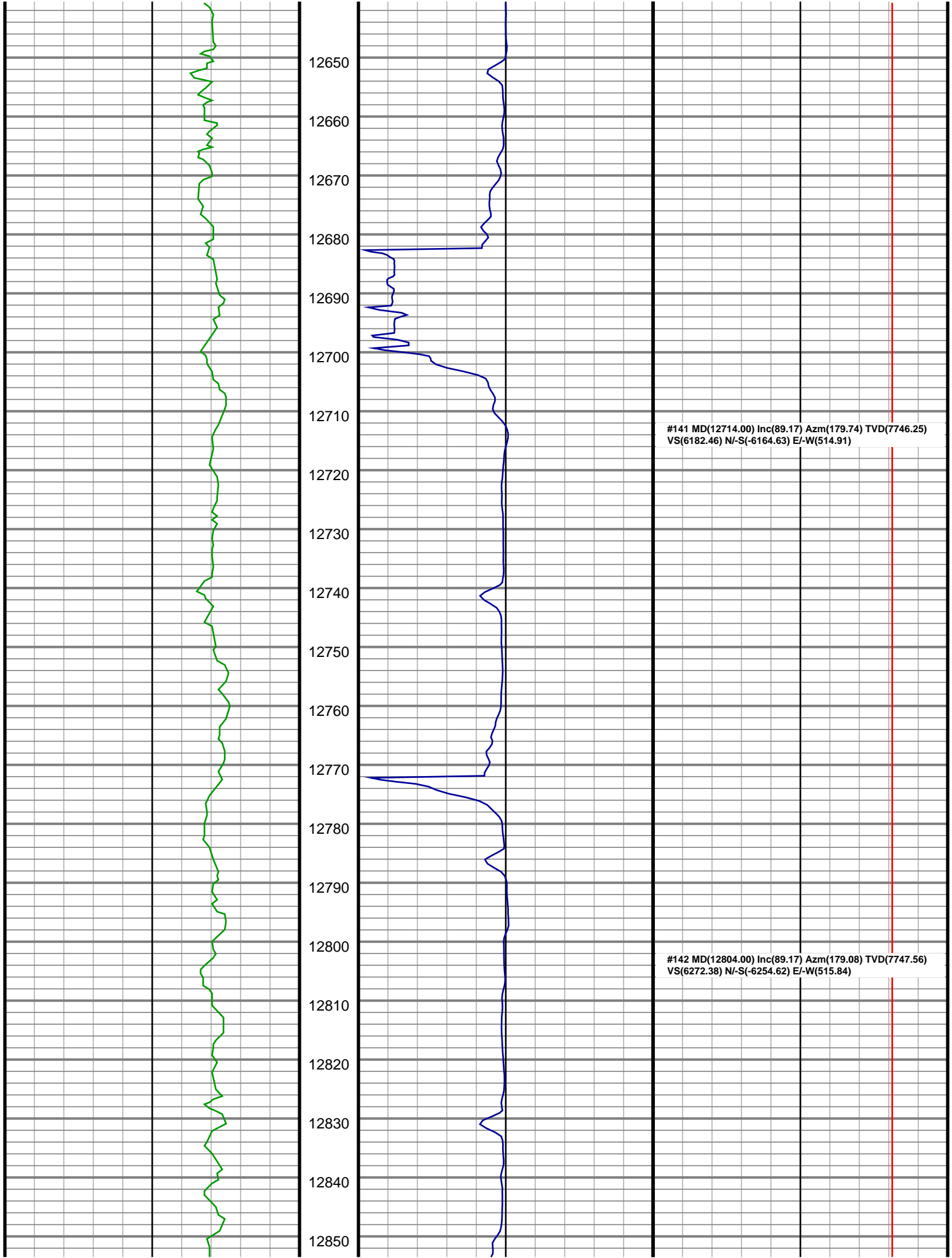


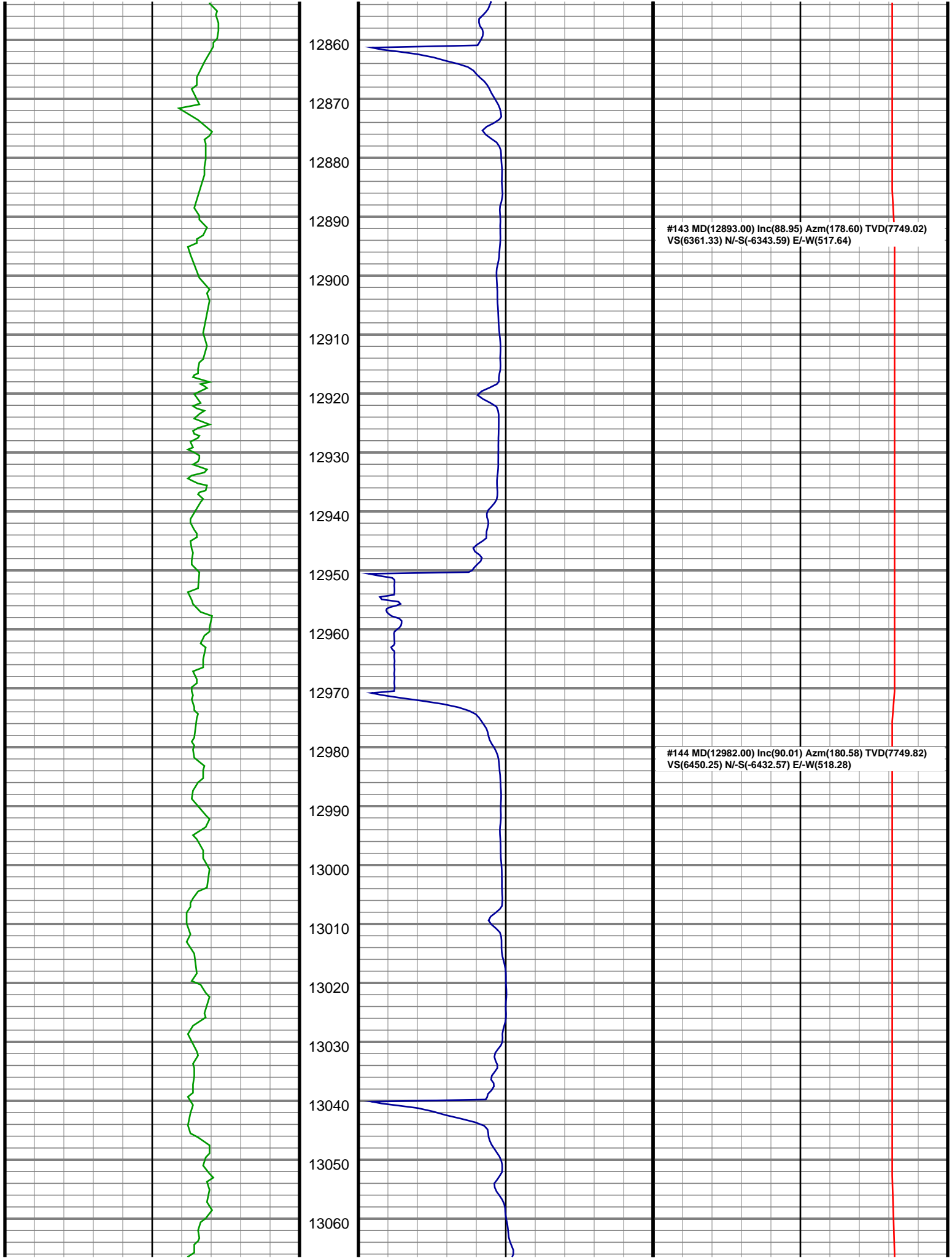


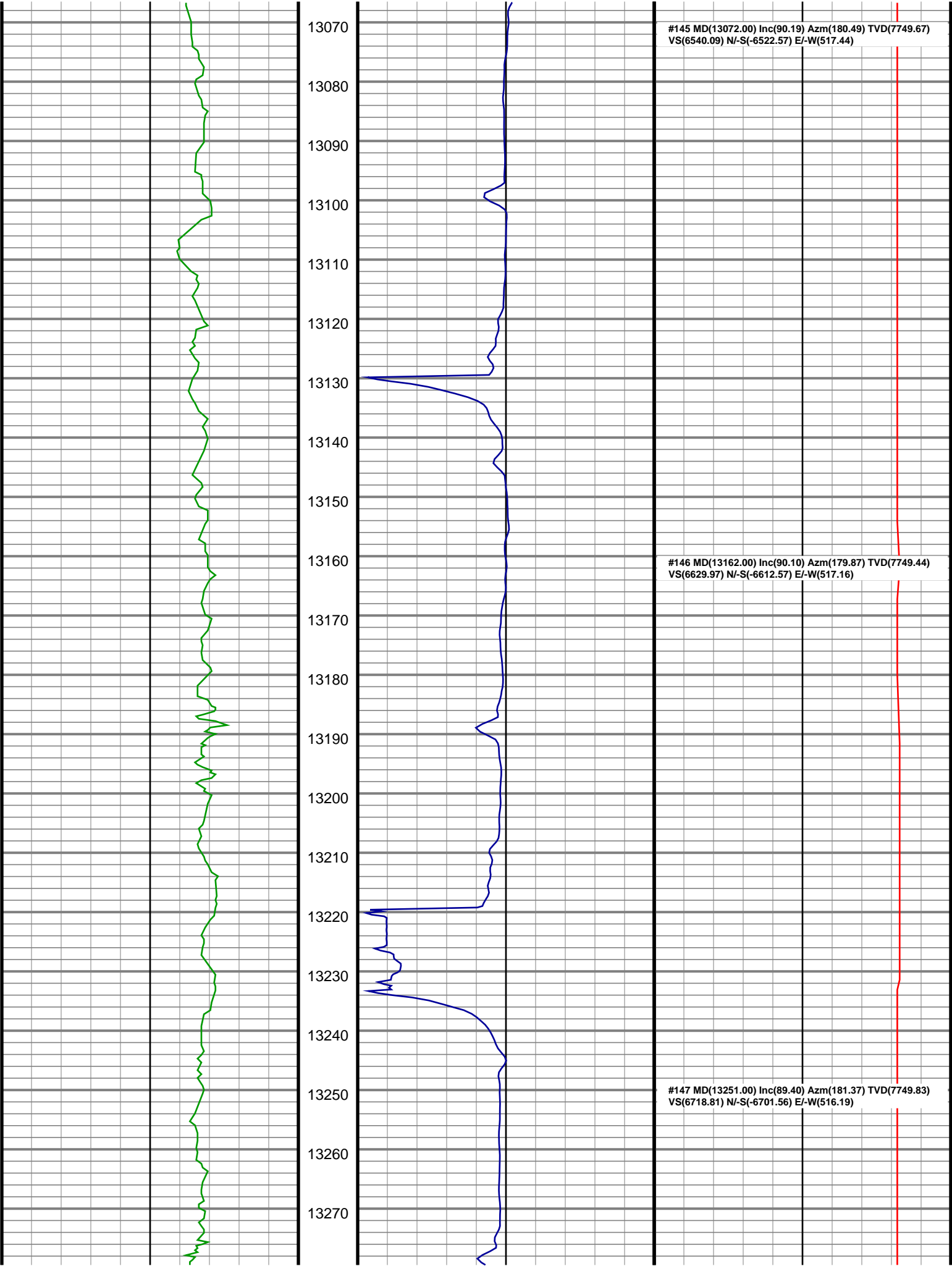


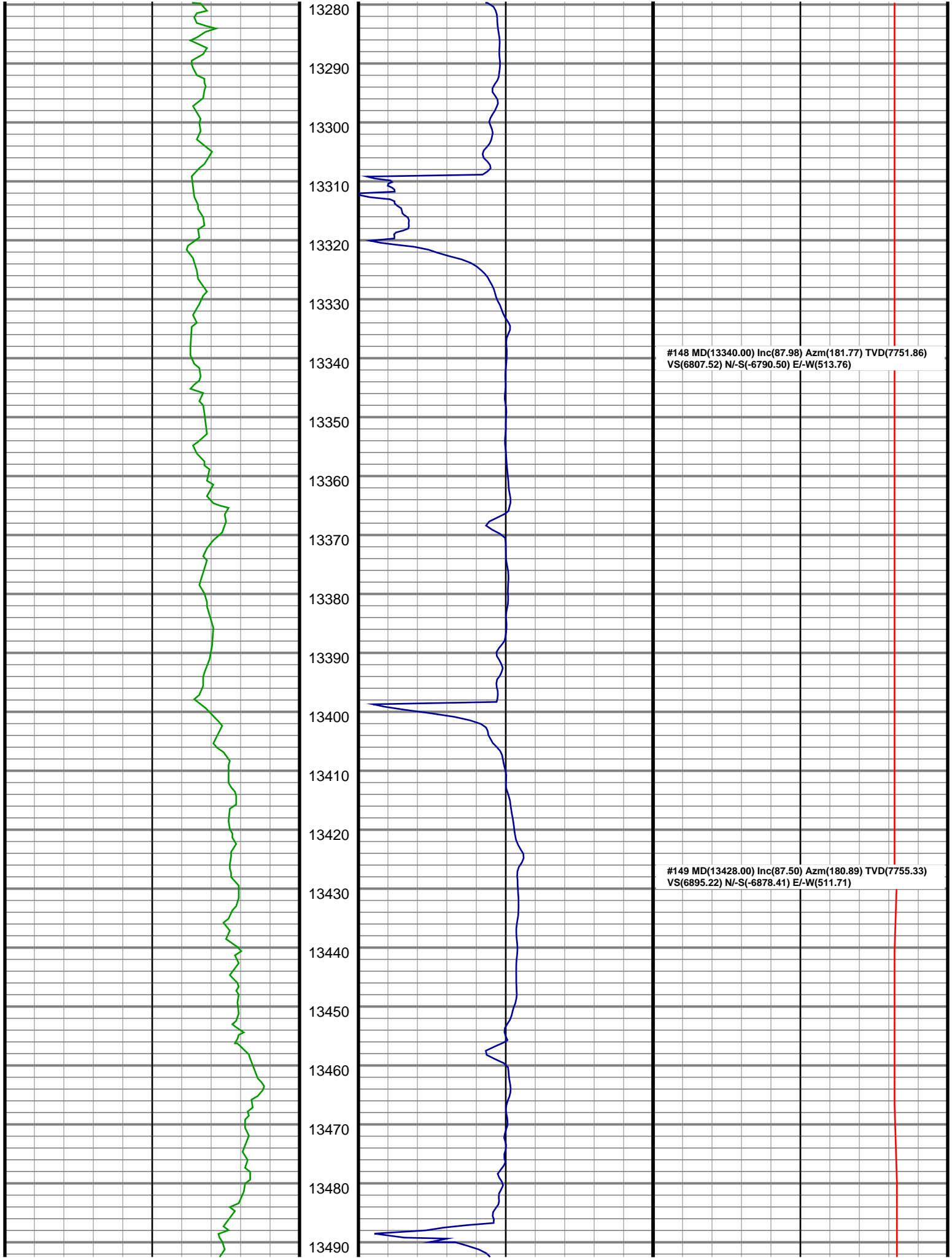


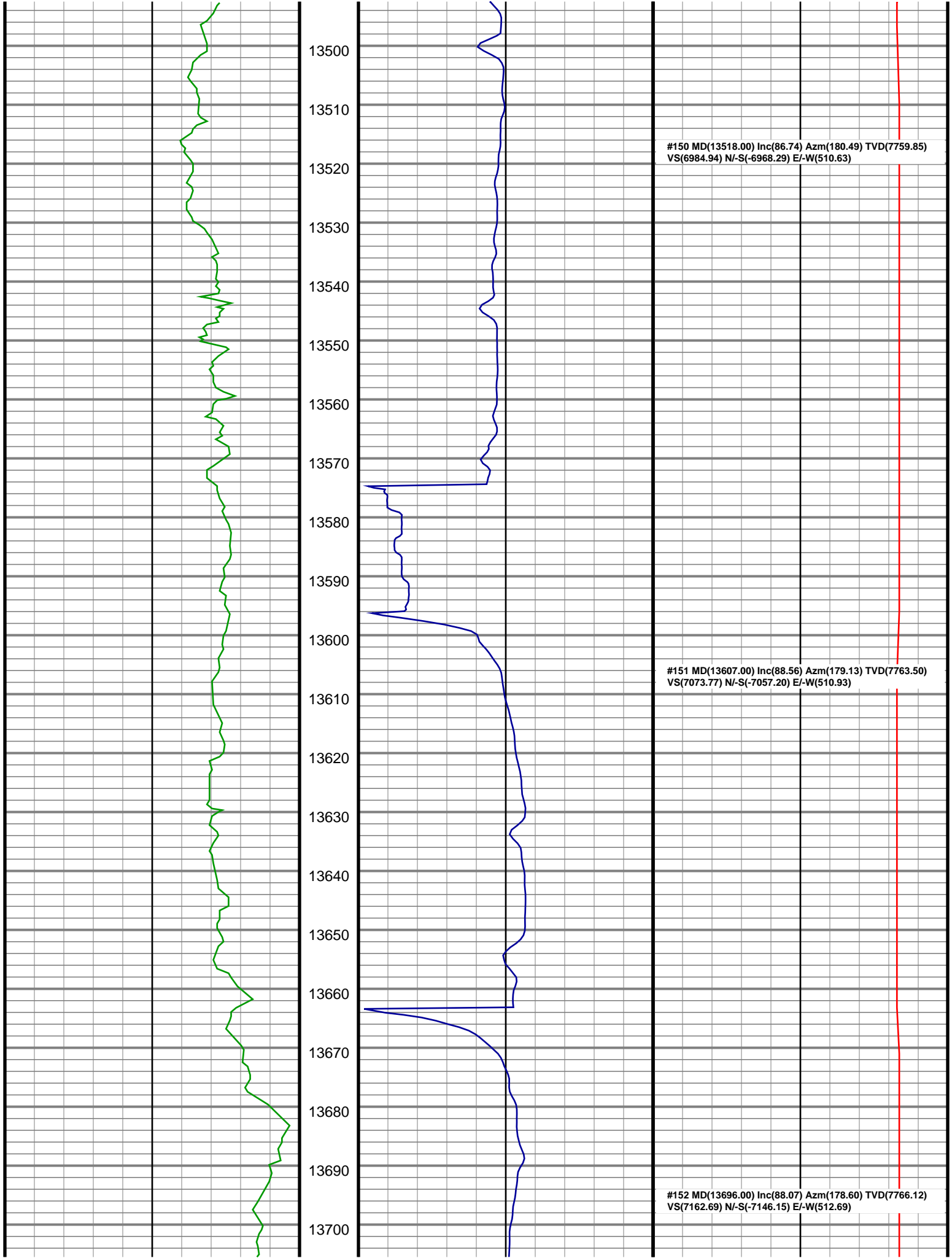


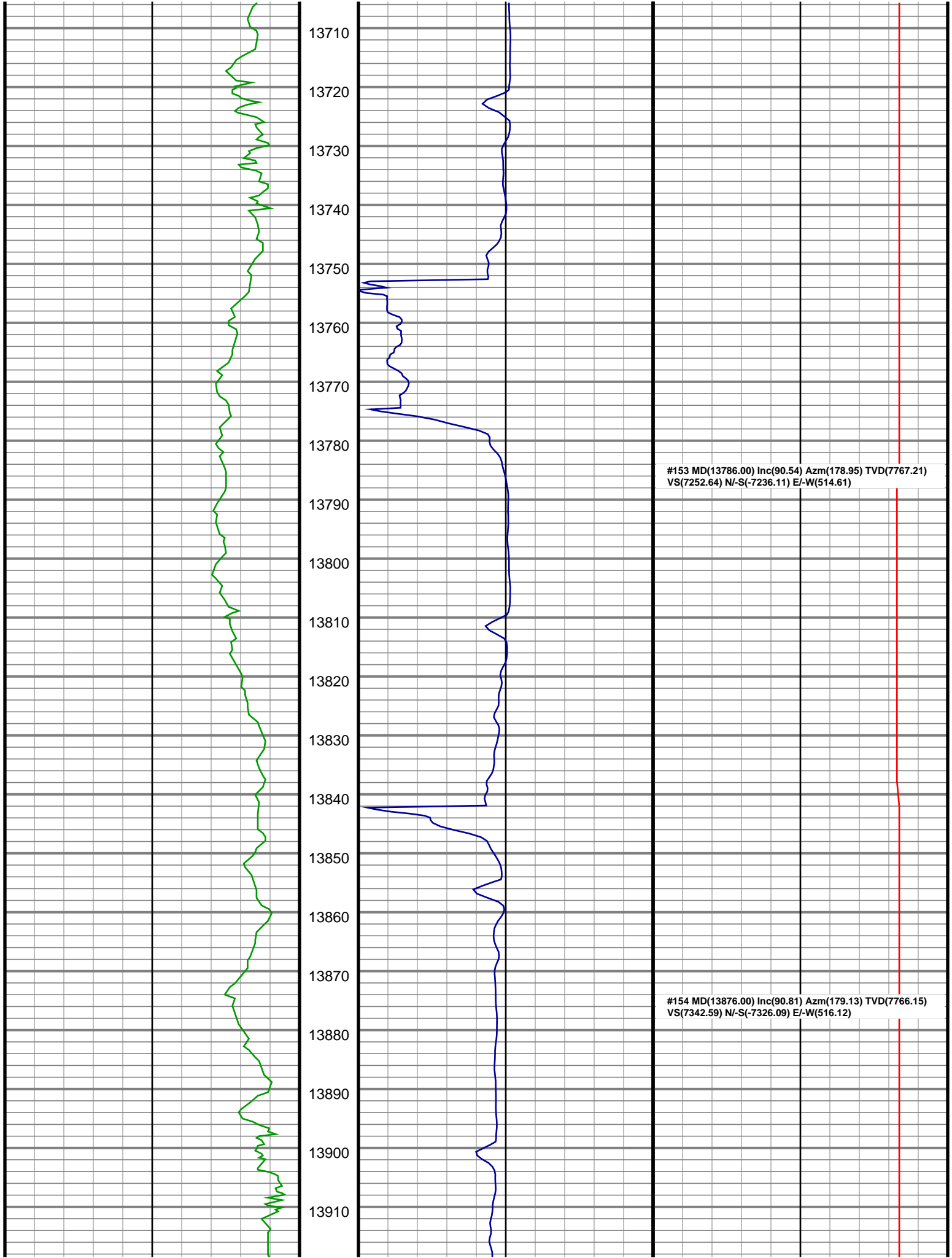


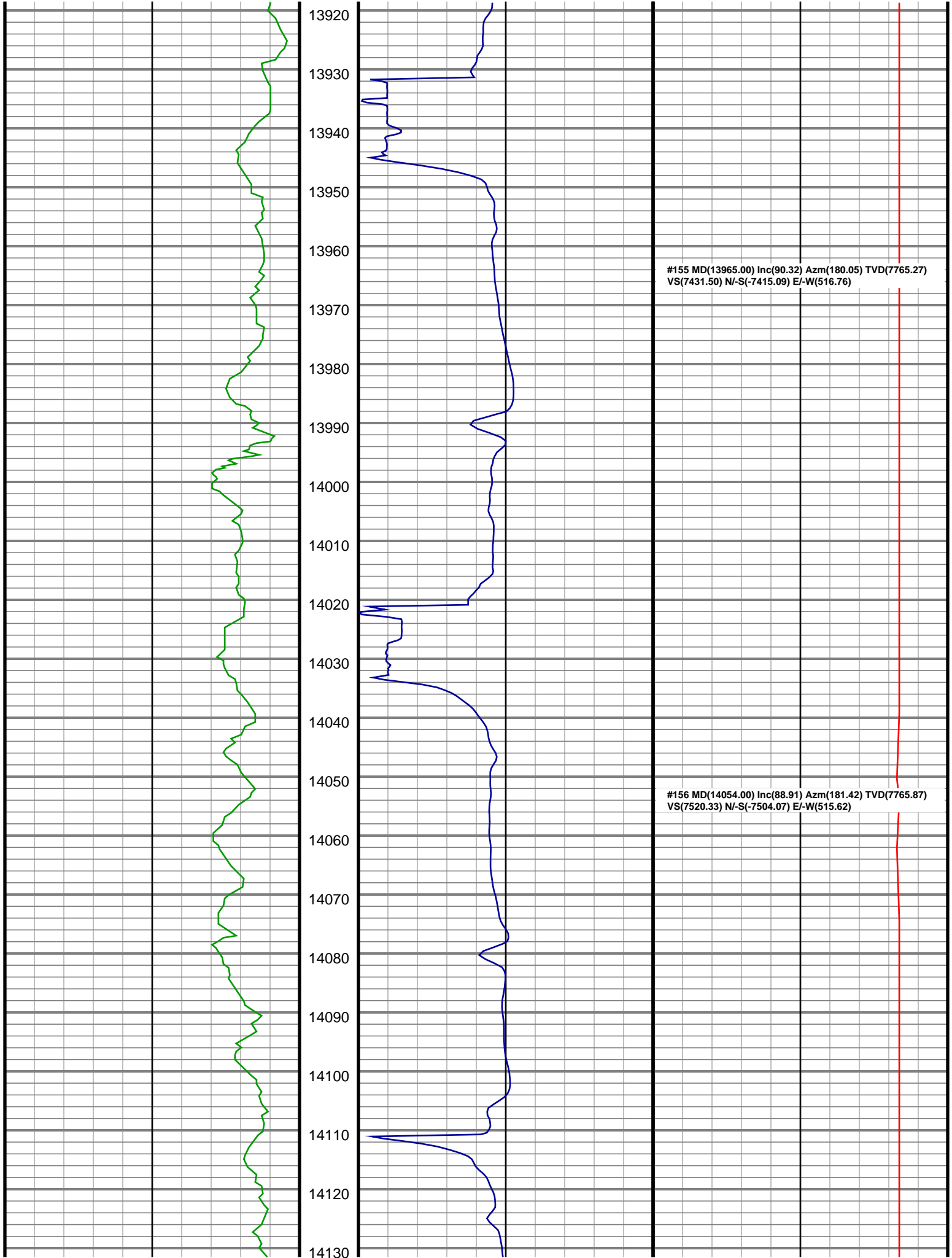


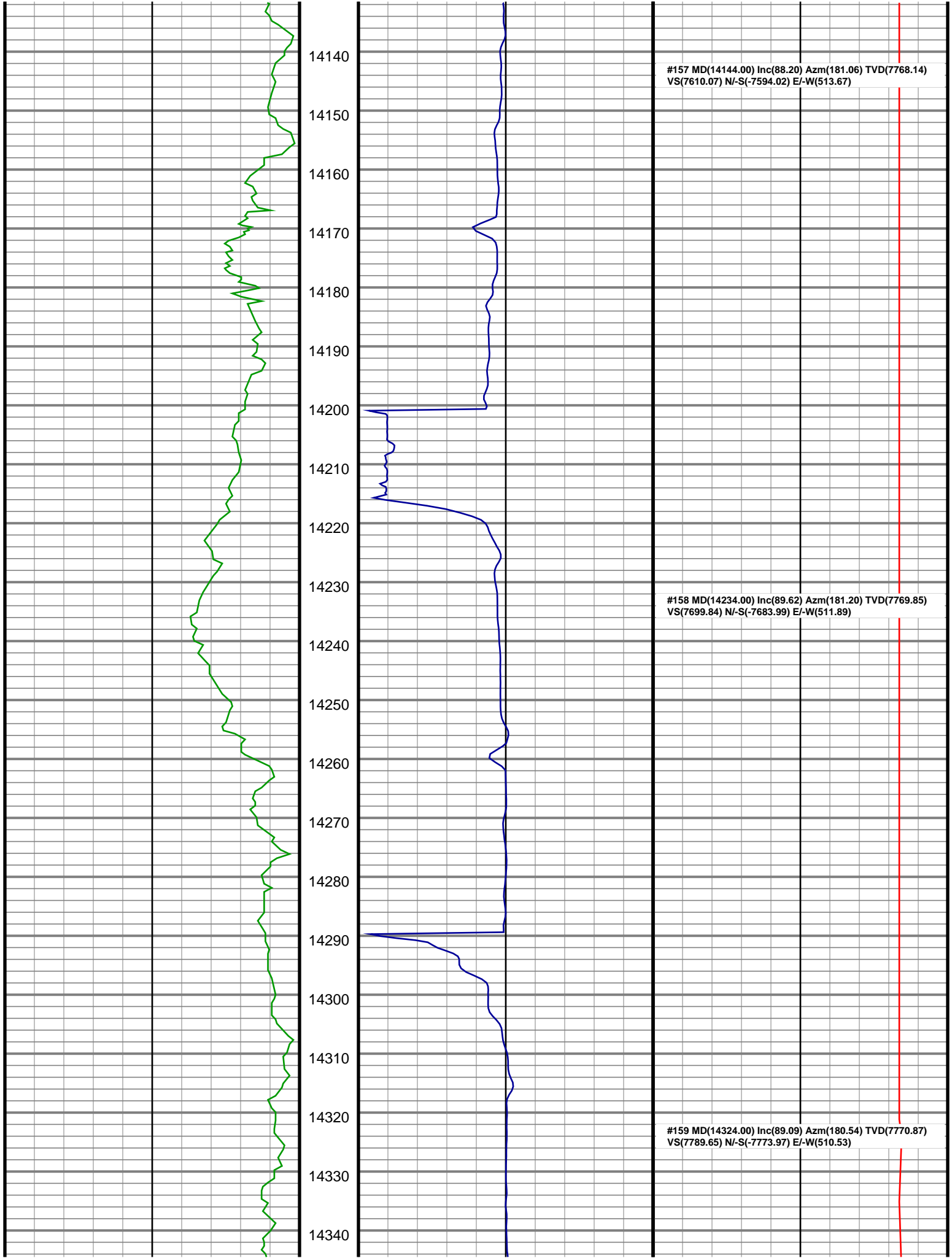








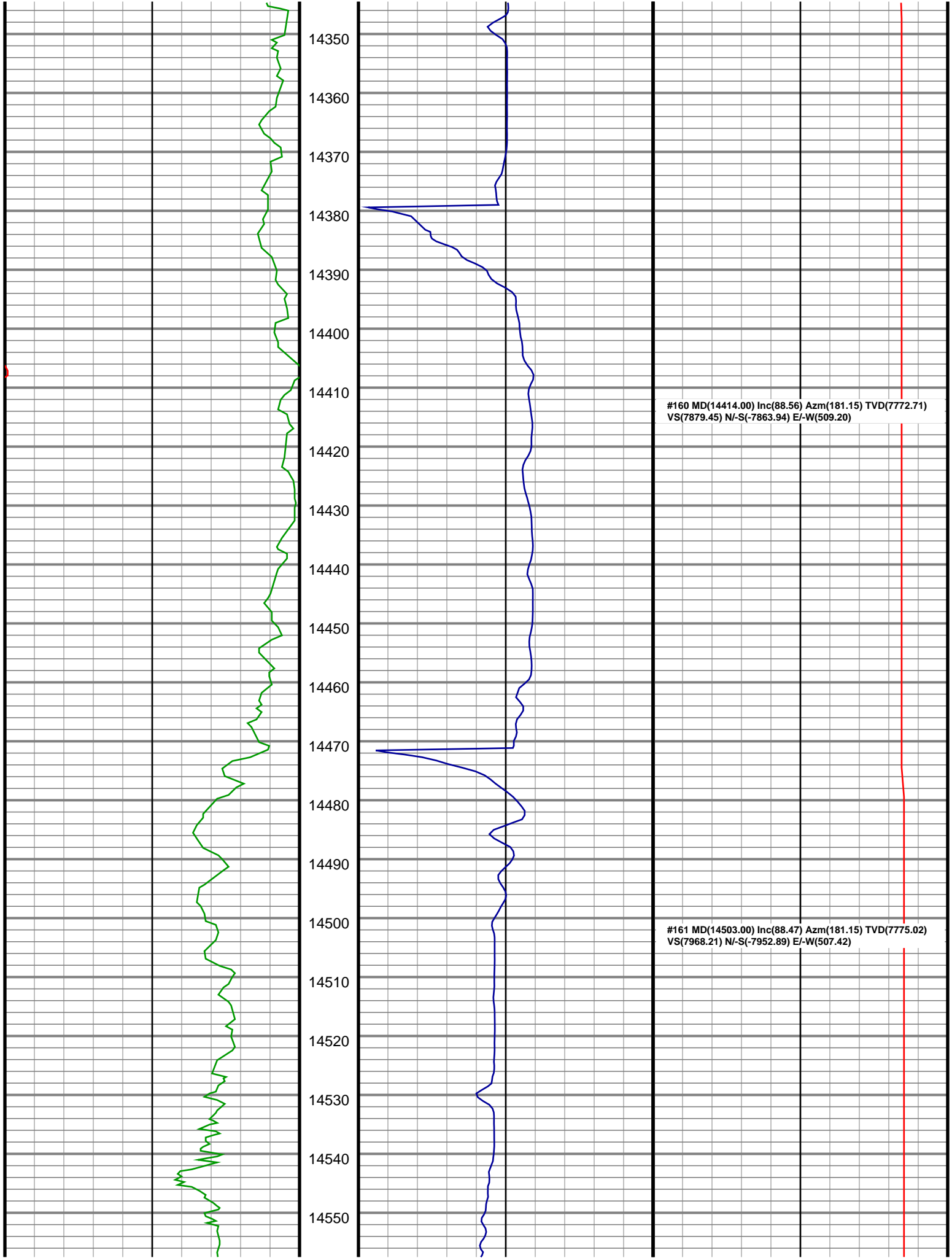


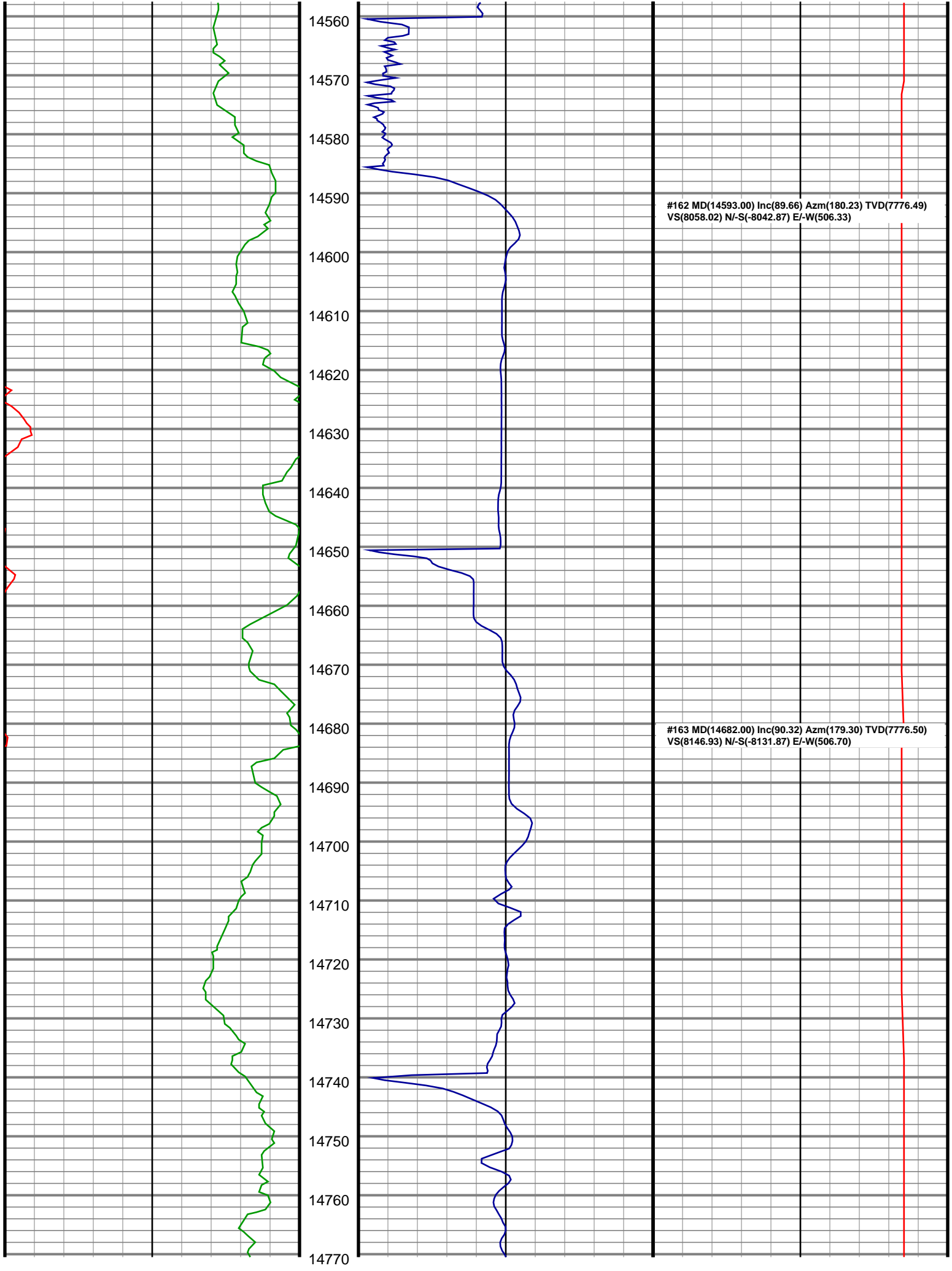


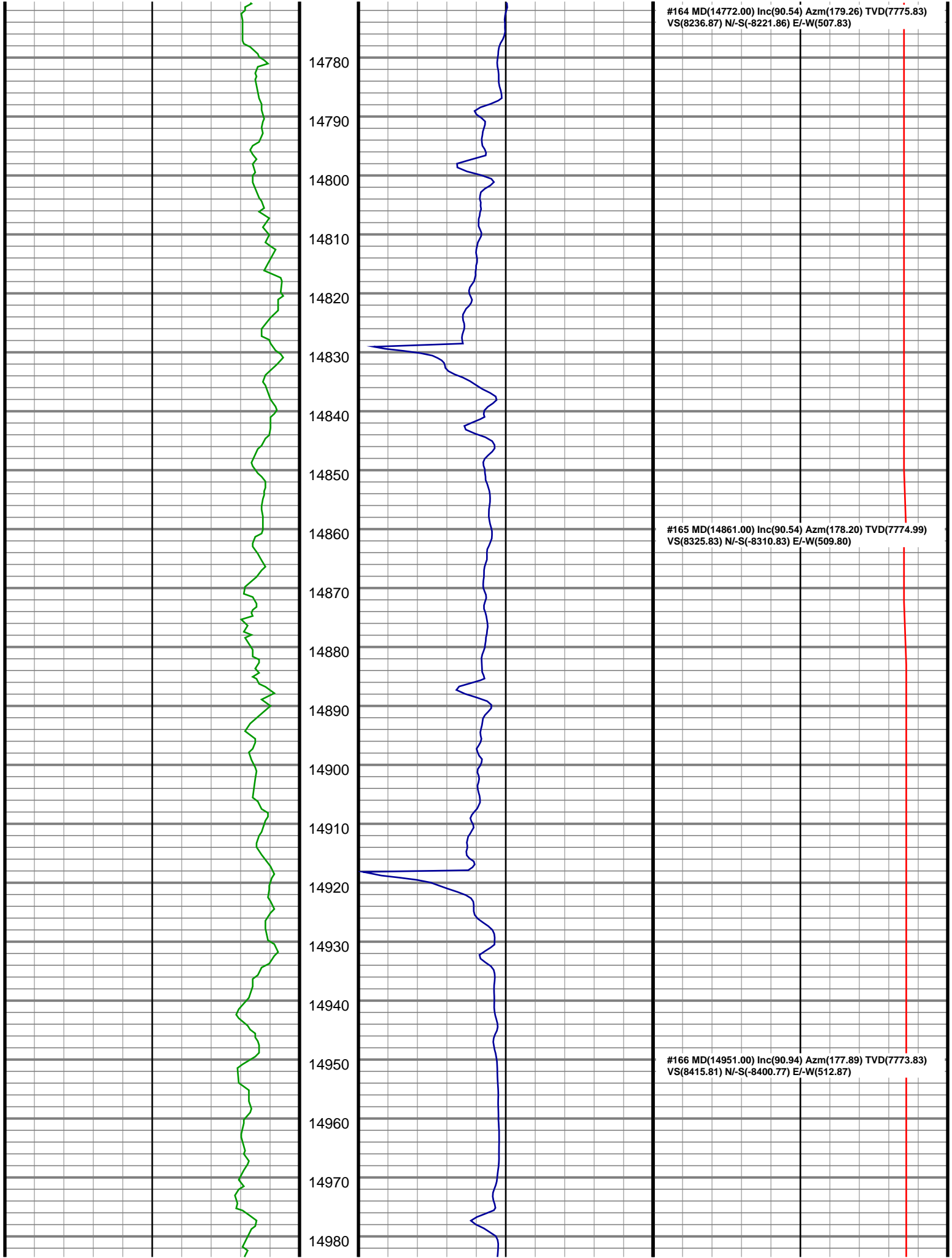
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#158 MD(14234.00) Inc(89.62) Azm(181.20) TVD(7769.85)
VS(7699.84) N/-S(-7683.99) E/-W(511.89)

#159 MD(14324.00) Inc(89.09) Azm(180.54) TVD(7770.87)
VS(7789.65) N/-S(-7773.97) E/-W(510.53)



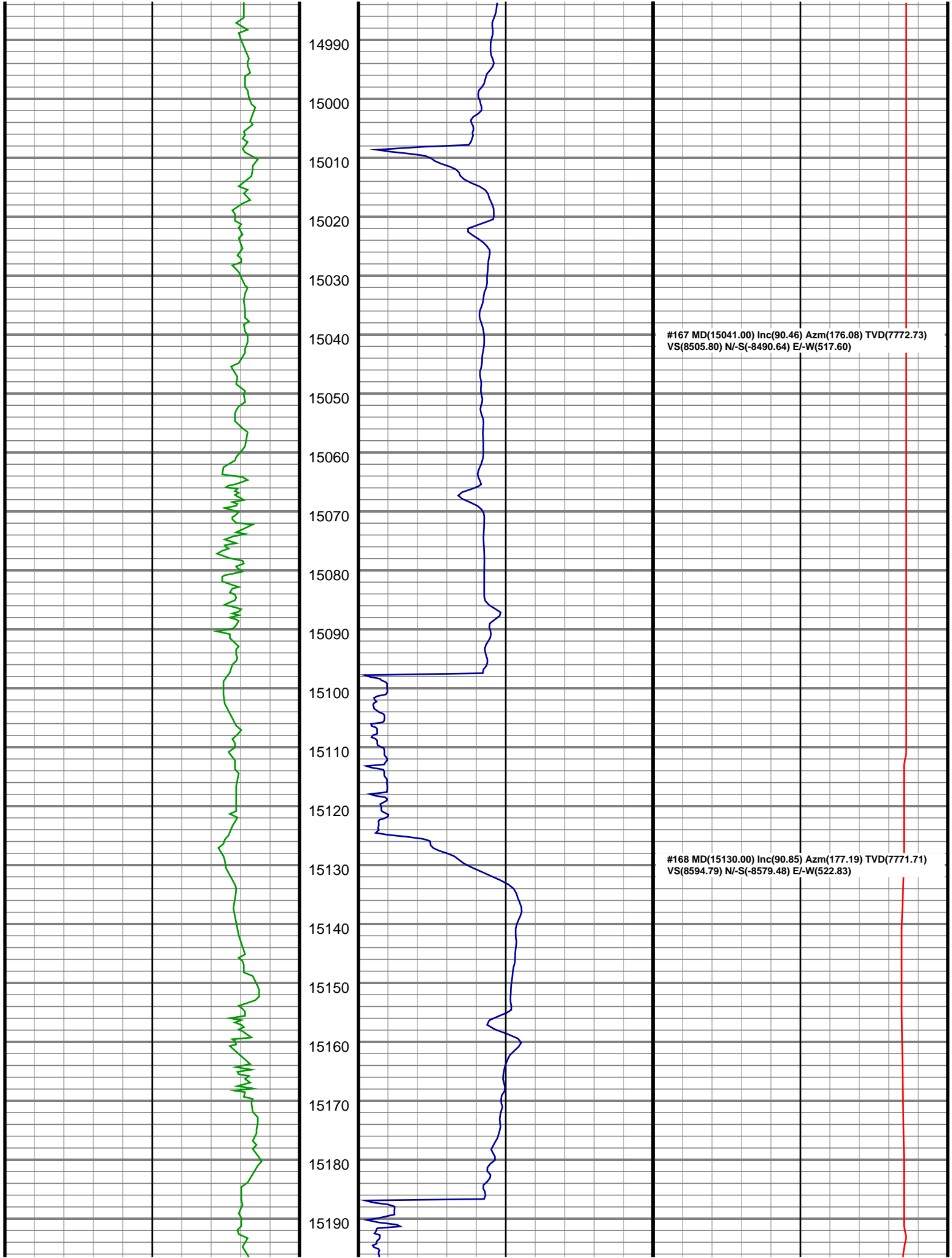


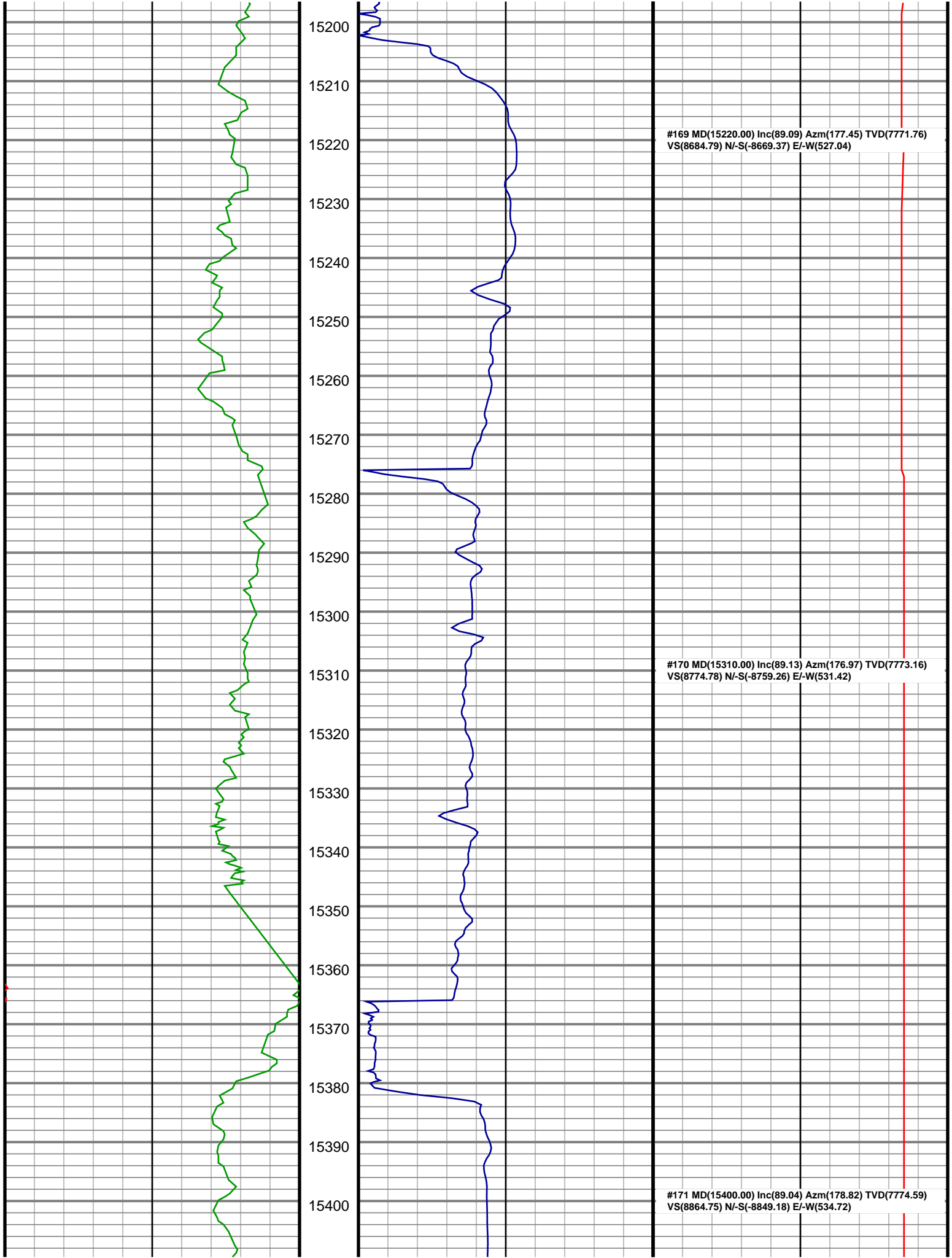


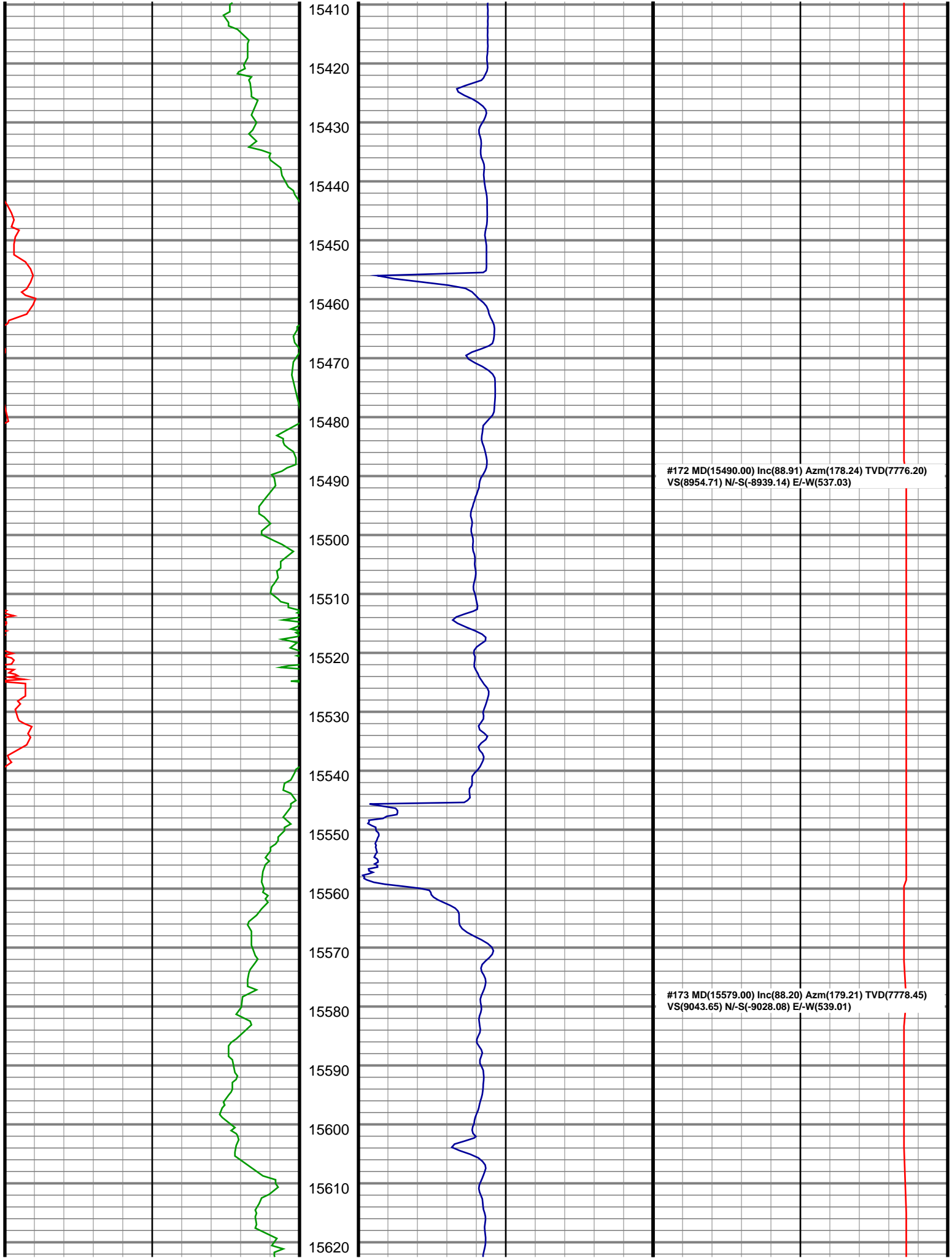
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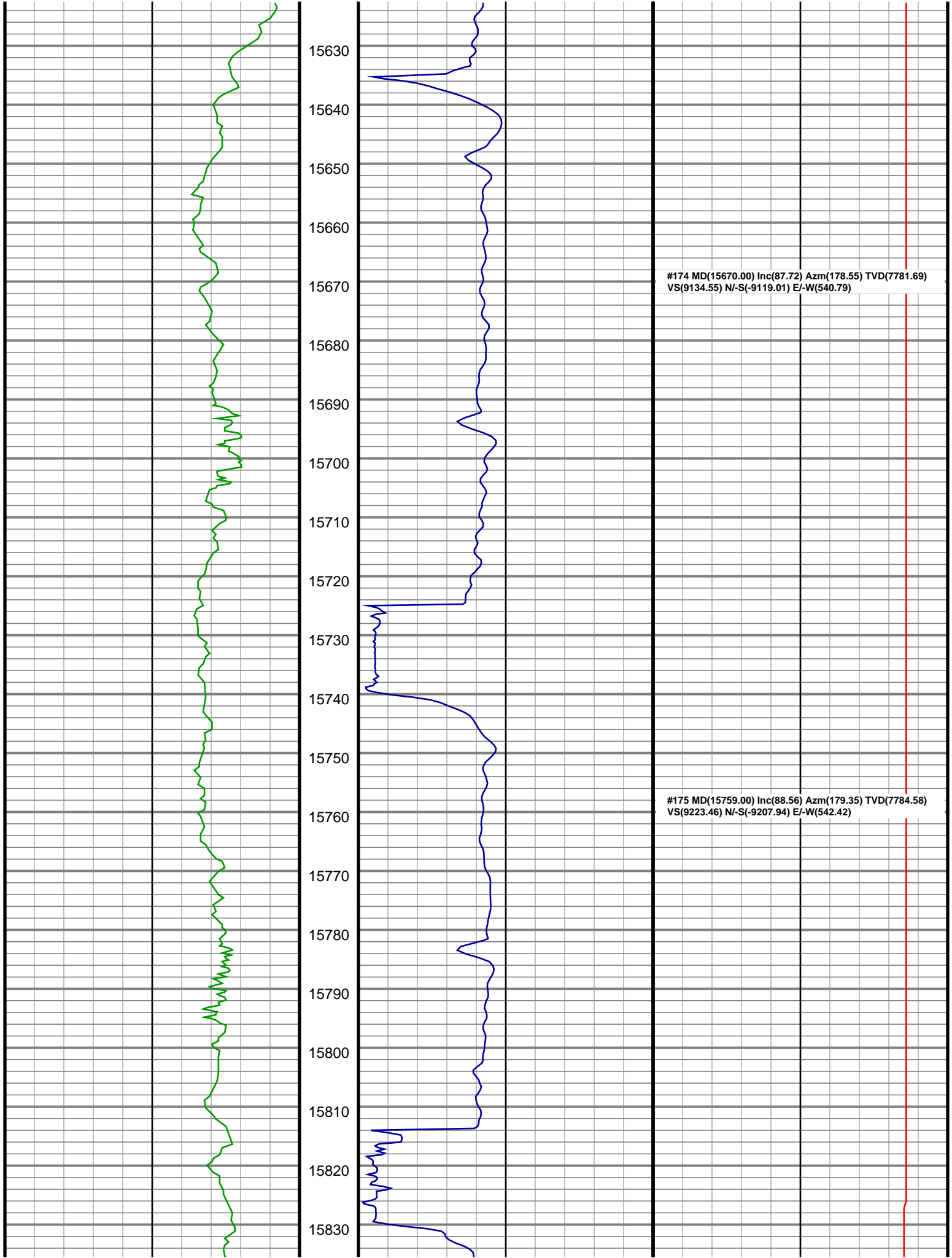
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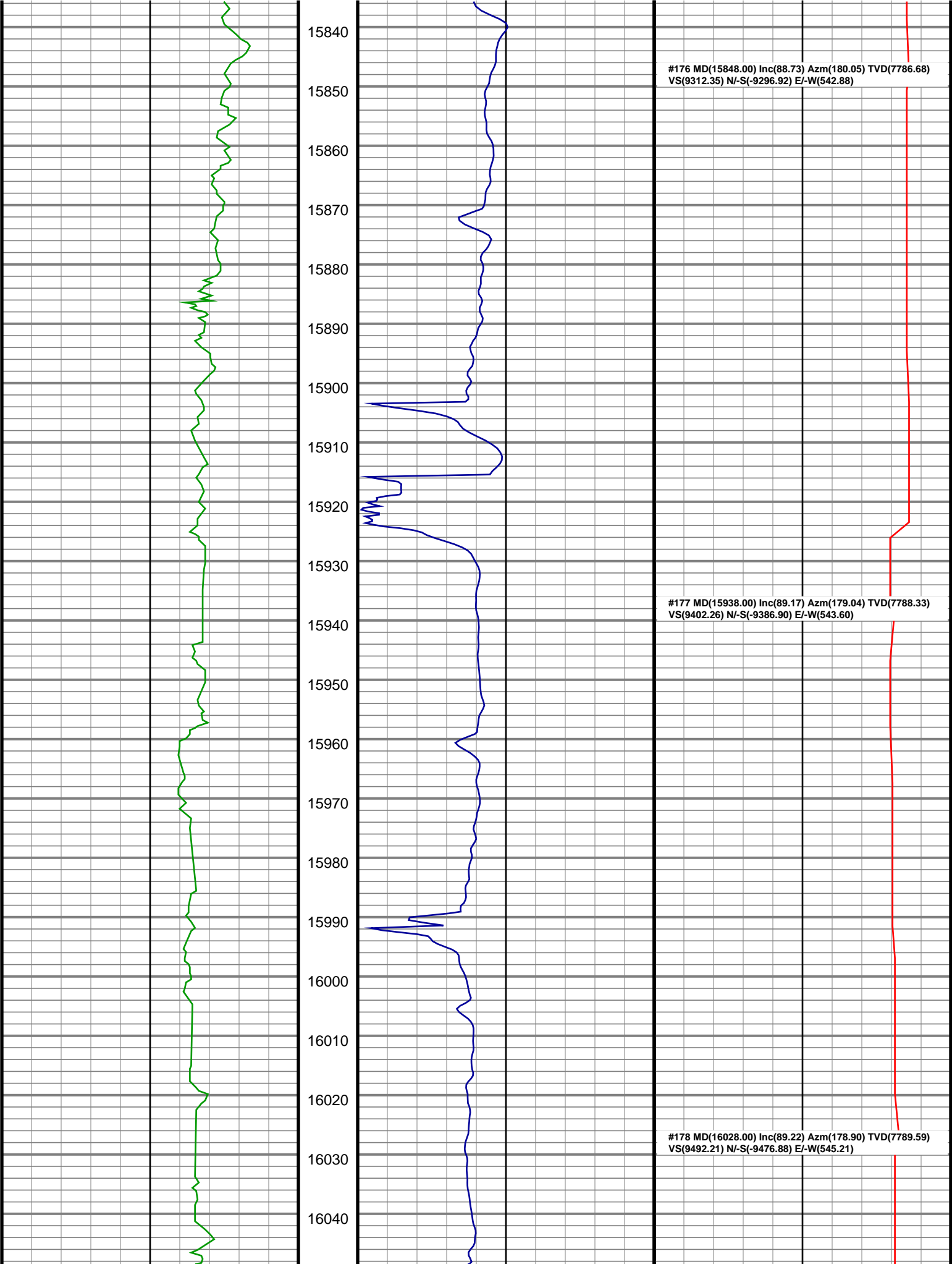
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VS(8415.81) N/-S(-8400.77) E/-W(512.87)

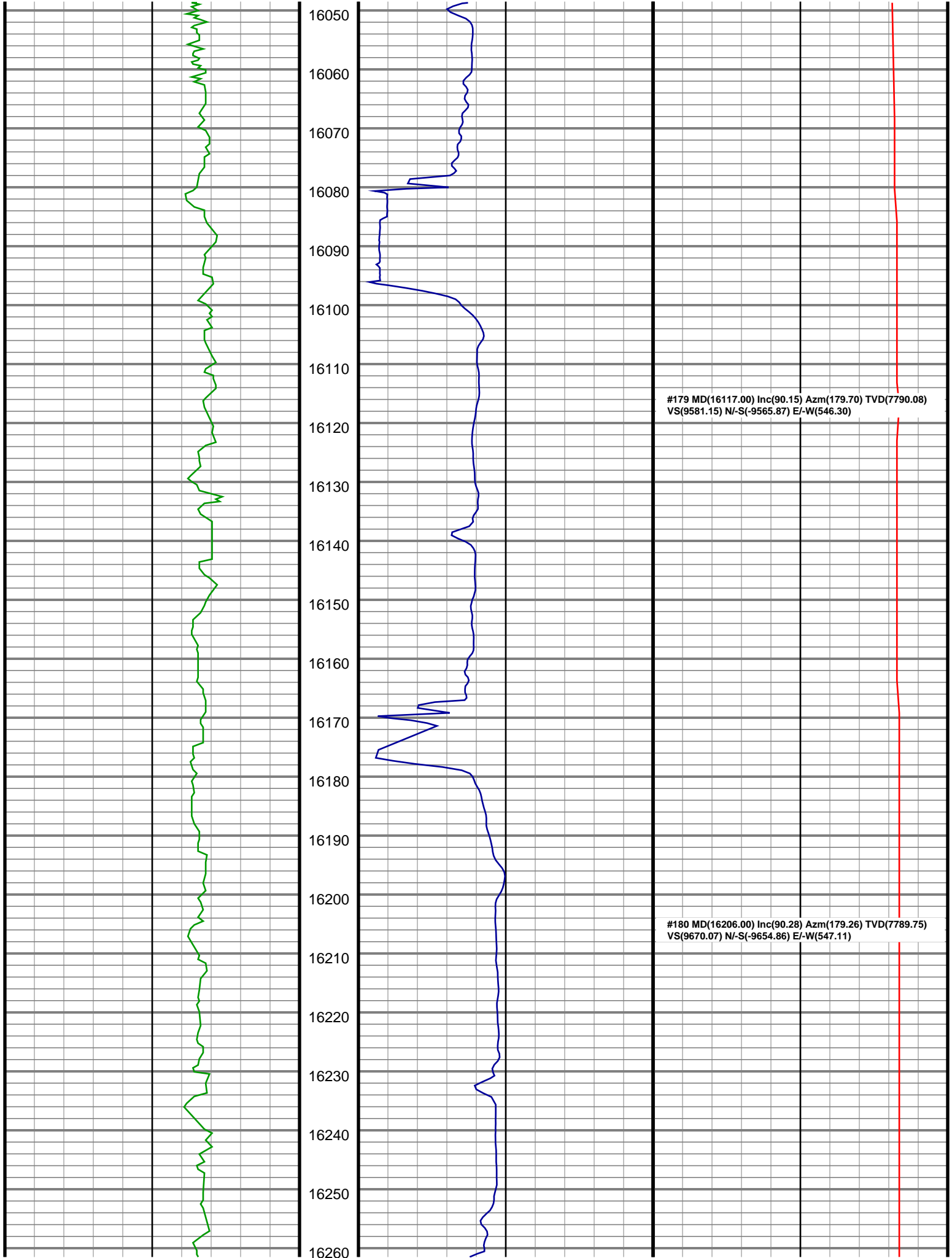


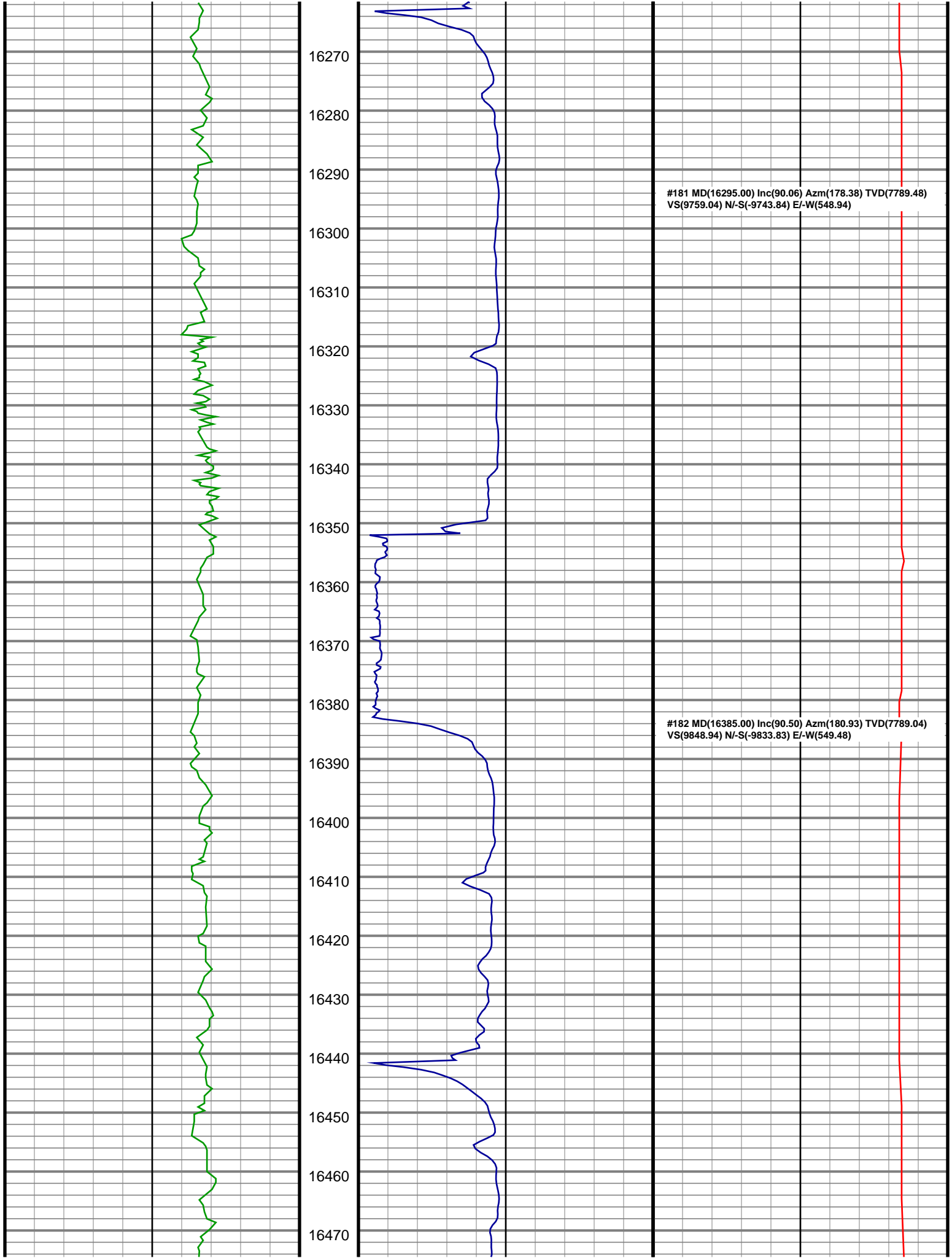


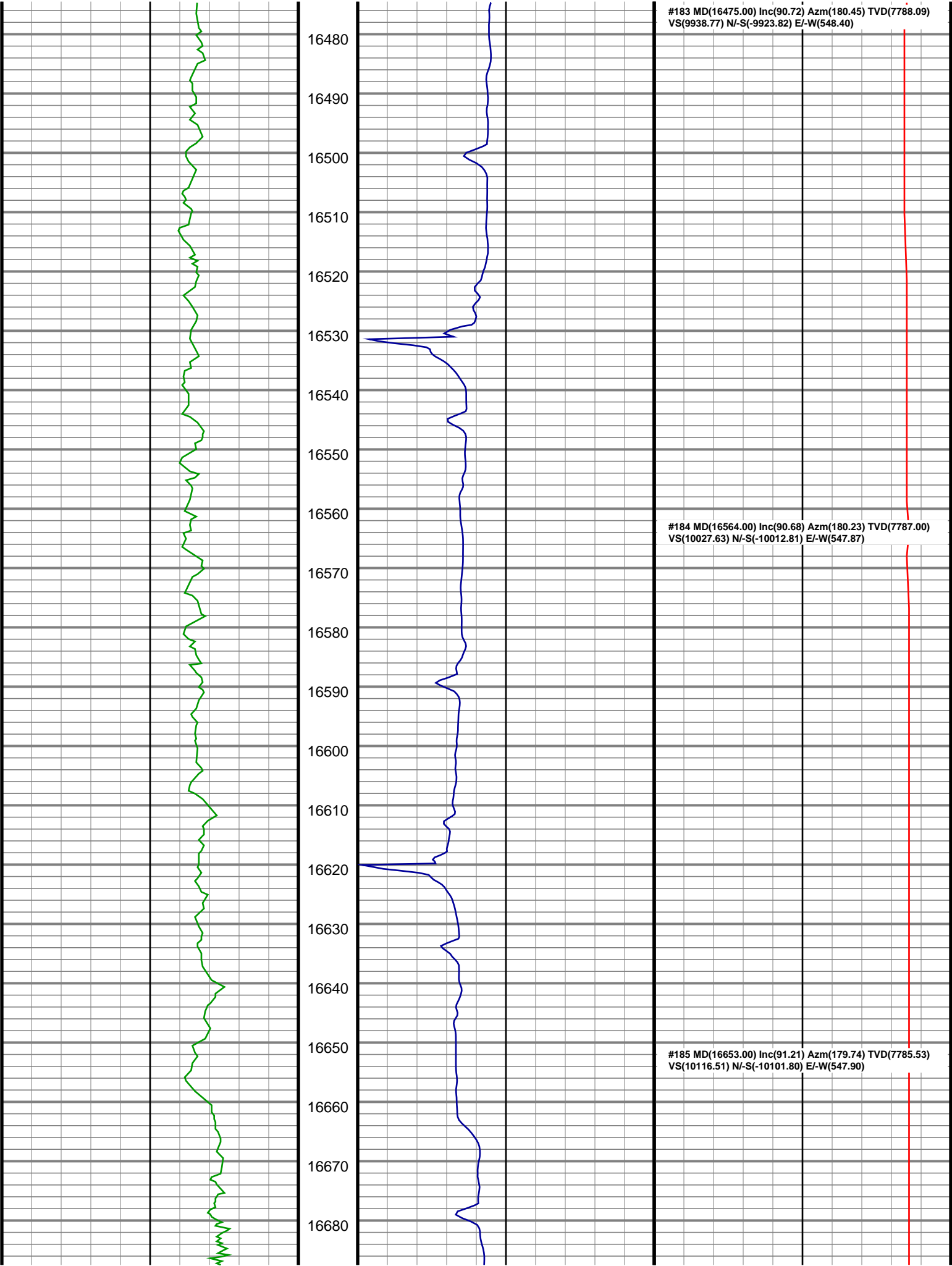


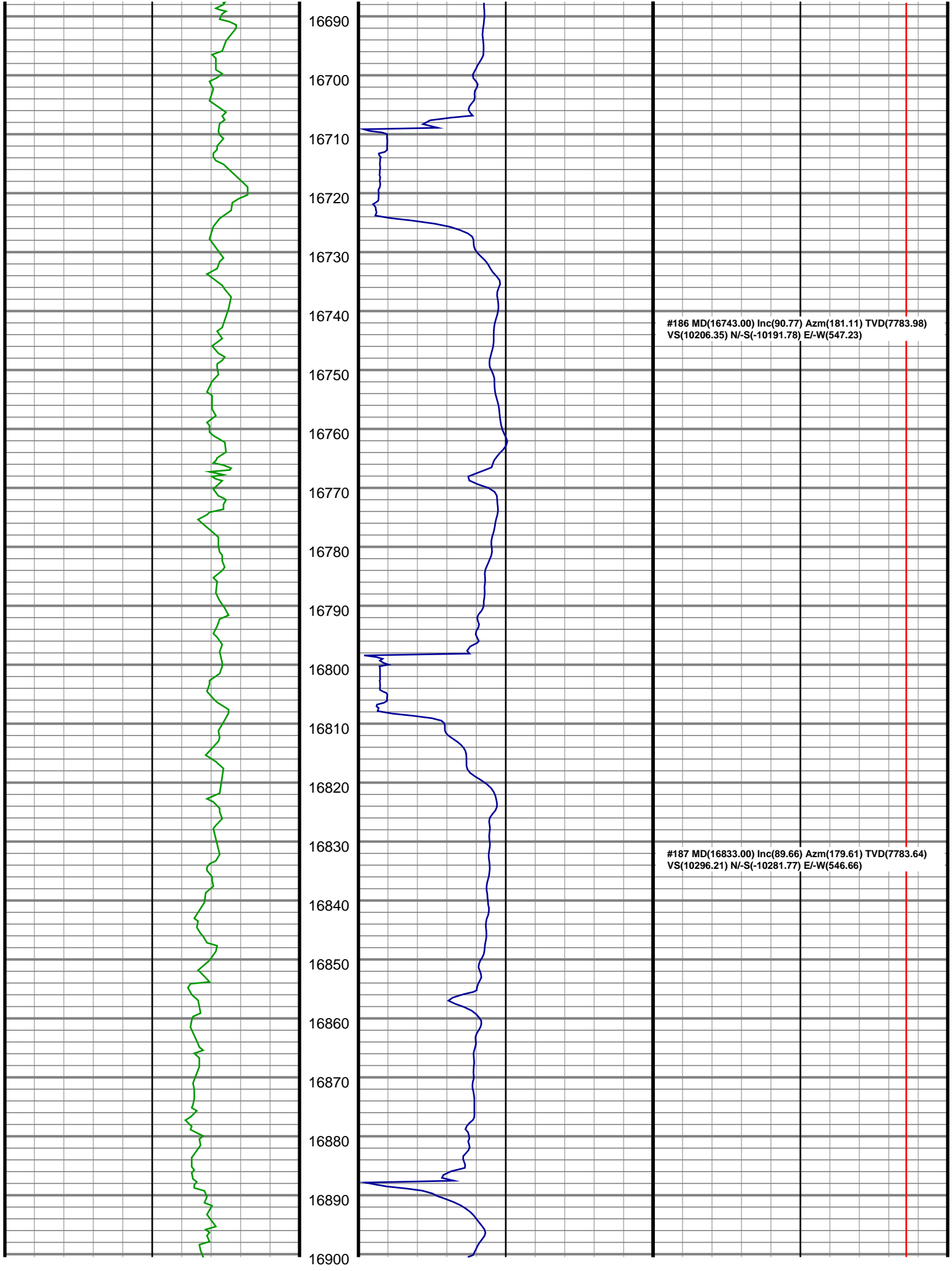


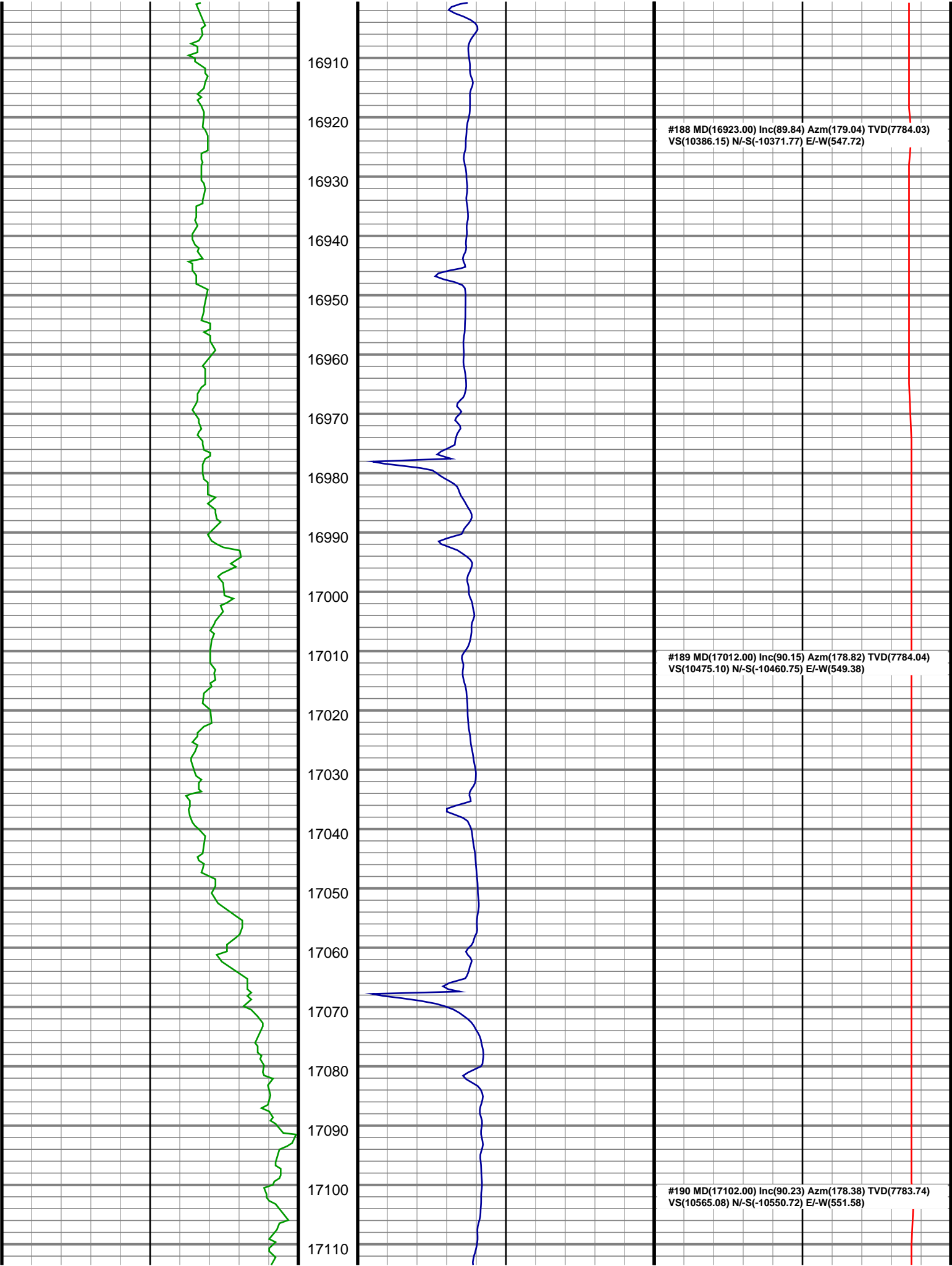


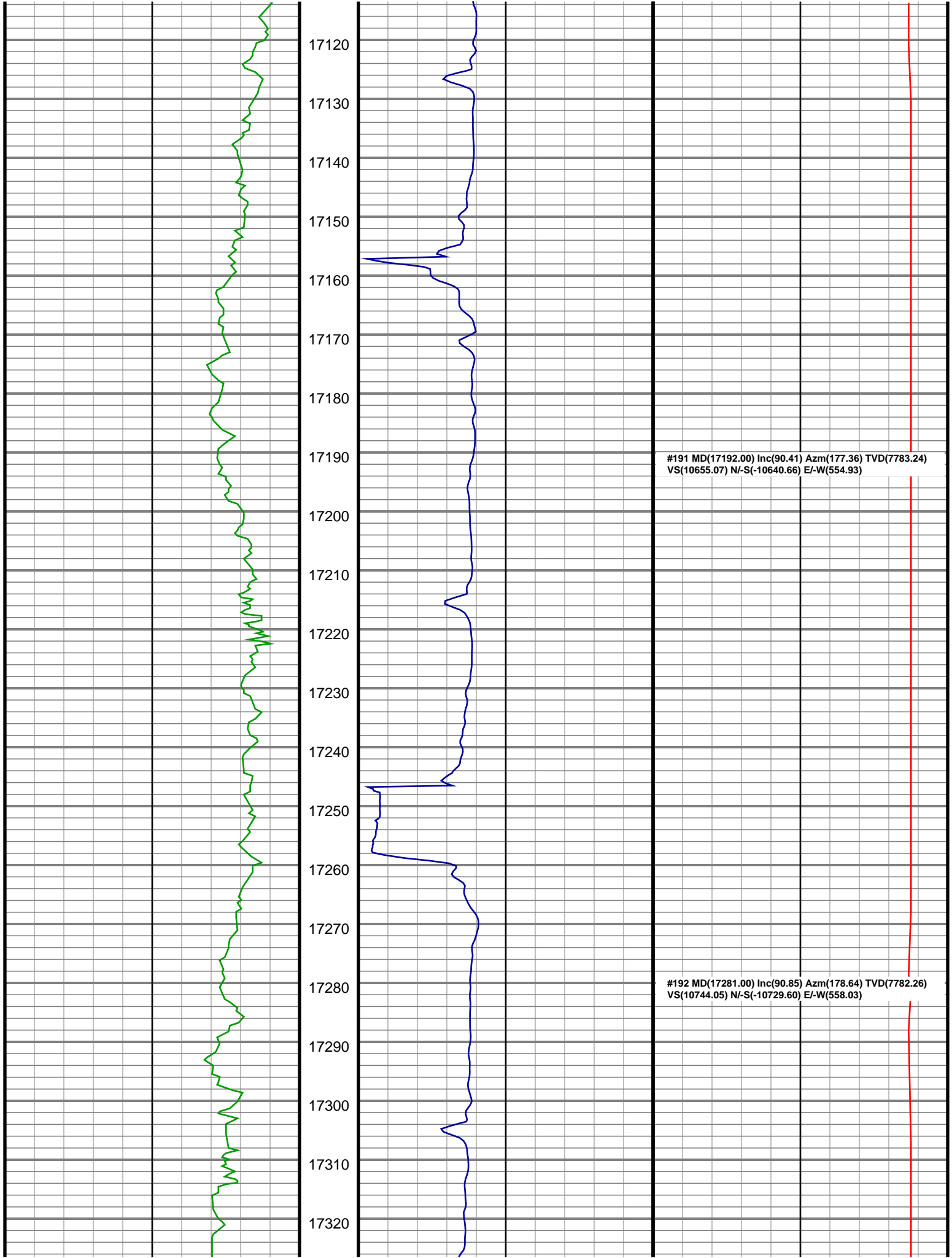


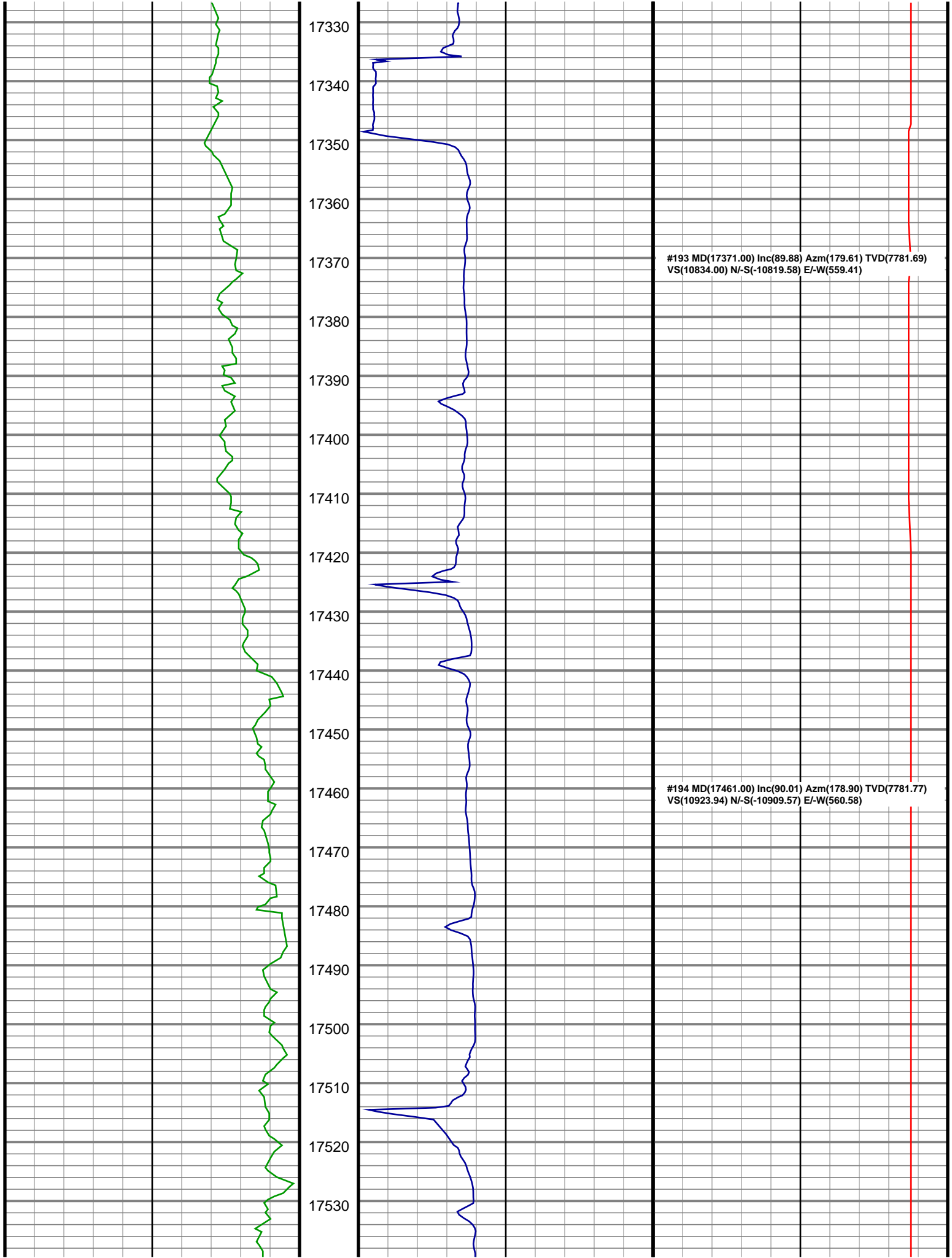


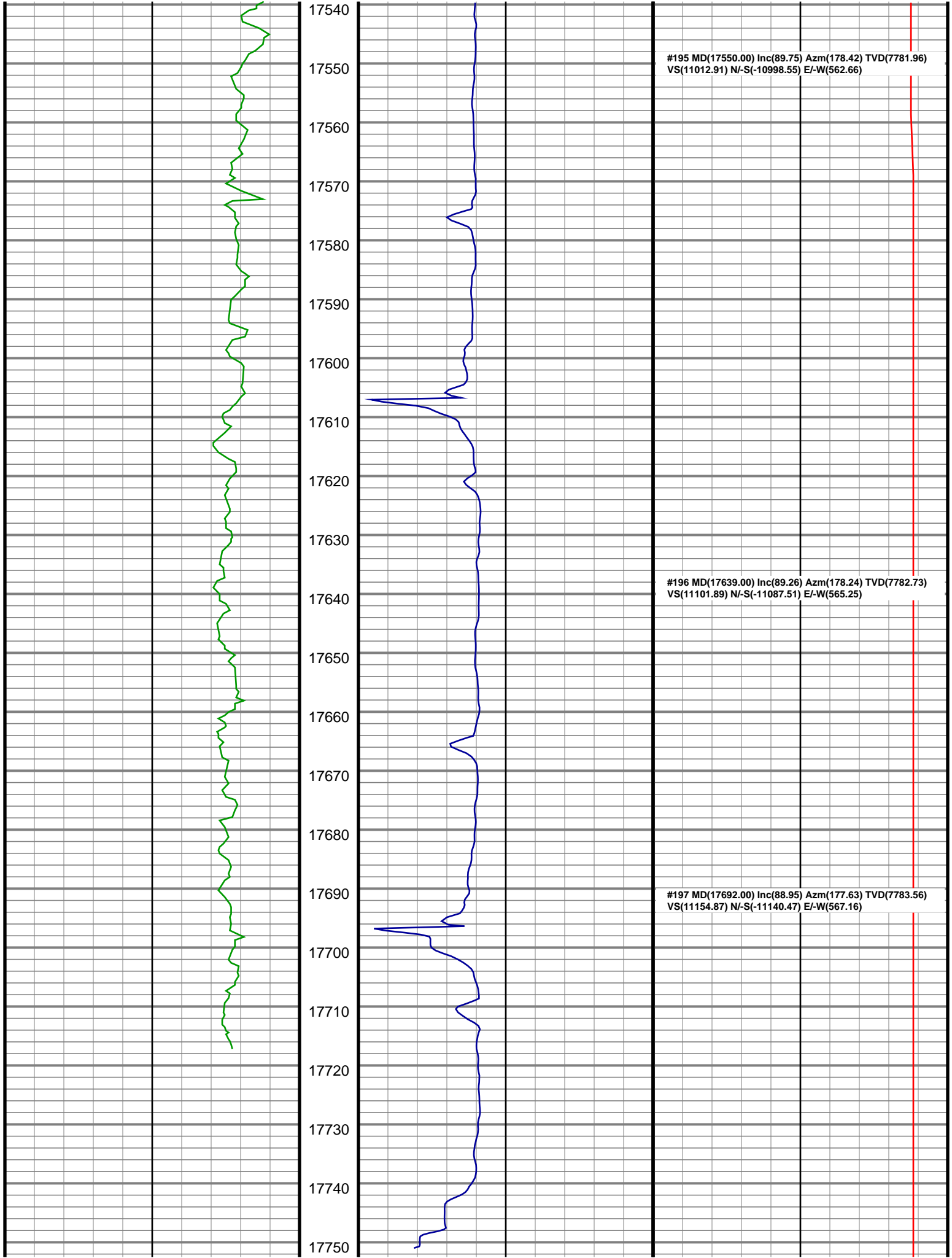








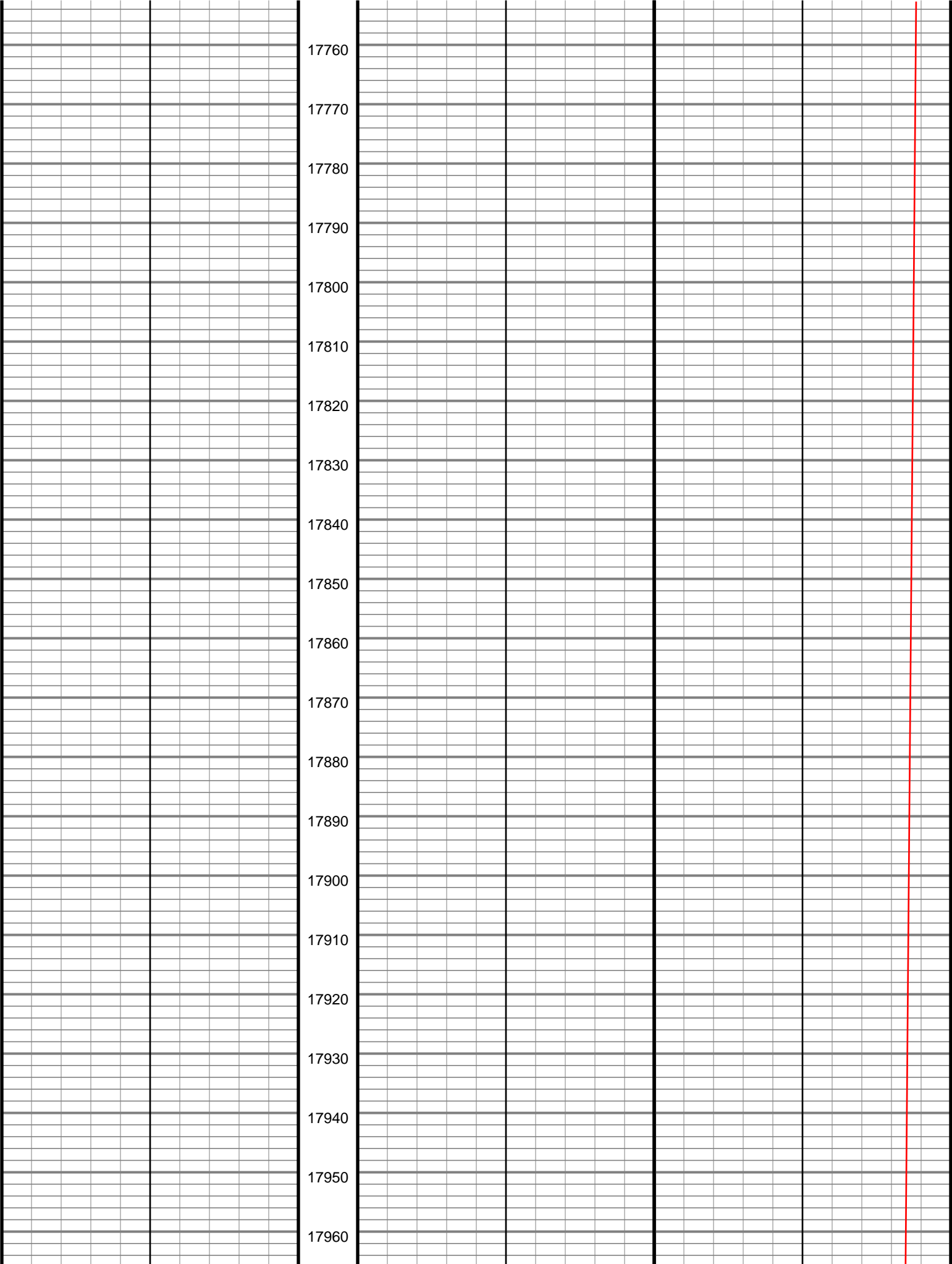




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VS(11012.91) N/-S(-10998.55) E/-W(562.66)

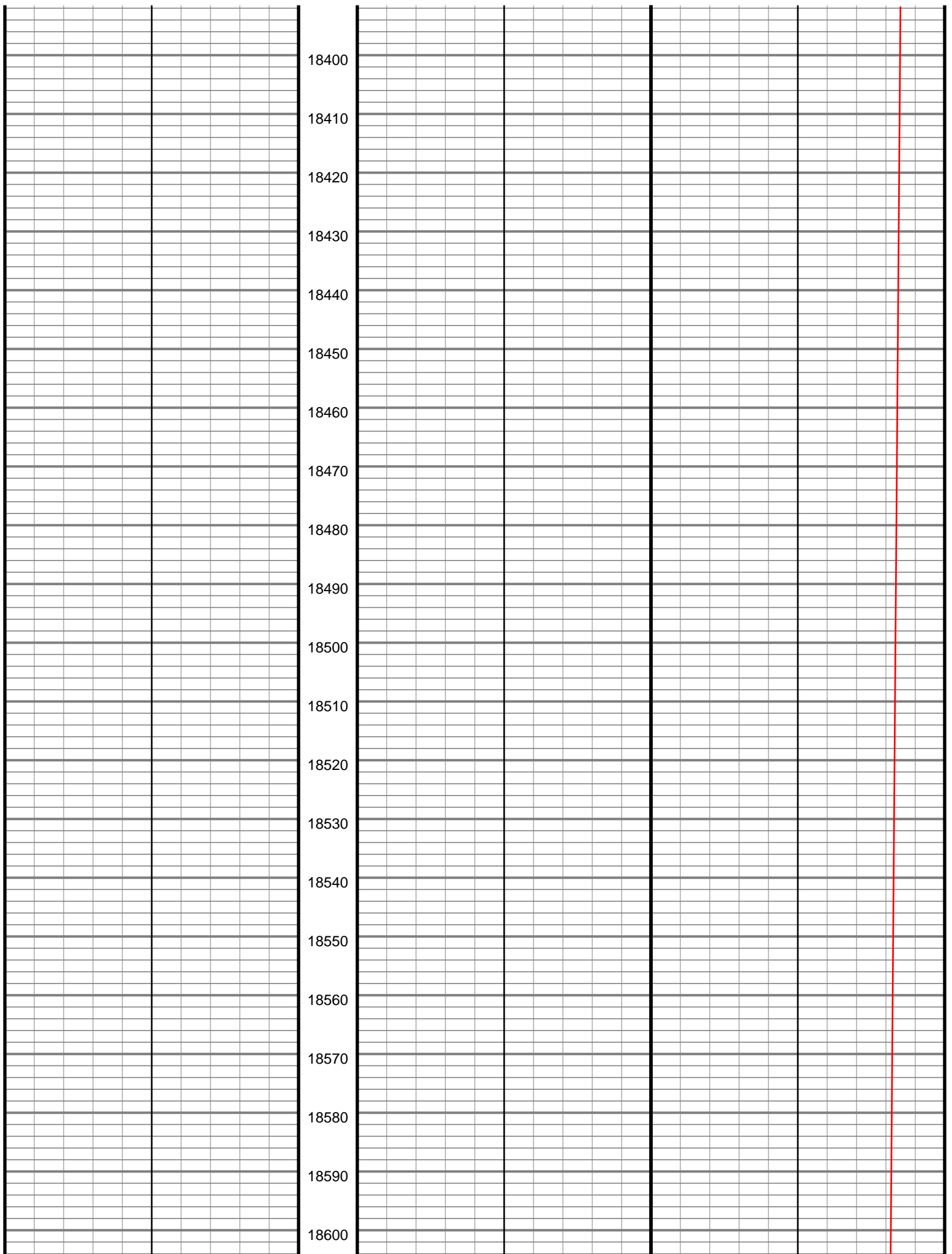
#196 MD(17639.00) Inc(89.26) Azm(178.24) TVD(7782.73)
VS(11101.89) N/-S(-11087.51) E/-W(565.25)

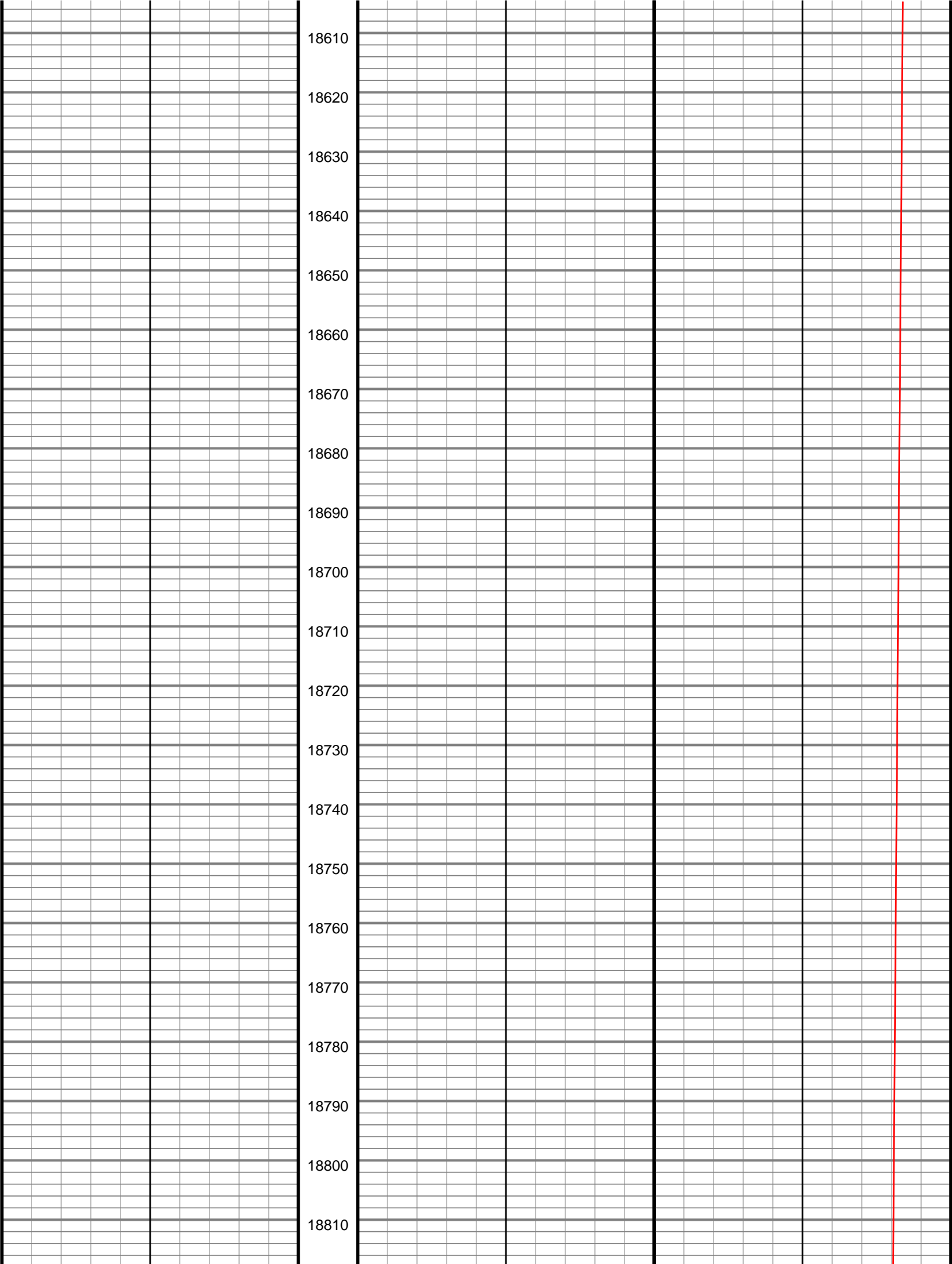
#197 MD(17692.00) Inc(88.95) Azm(177.63) TVD(7783.56)
VS(11154.87) N/-S(-11140.47) E/-W(567.16)

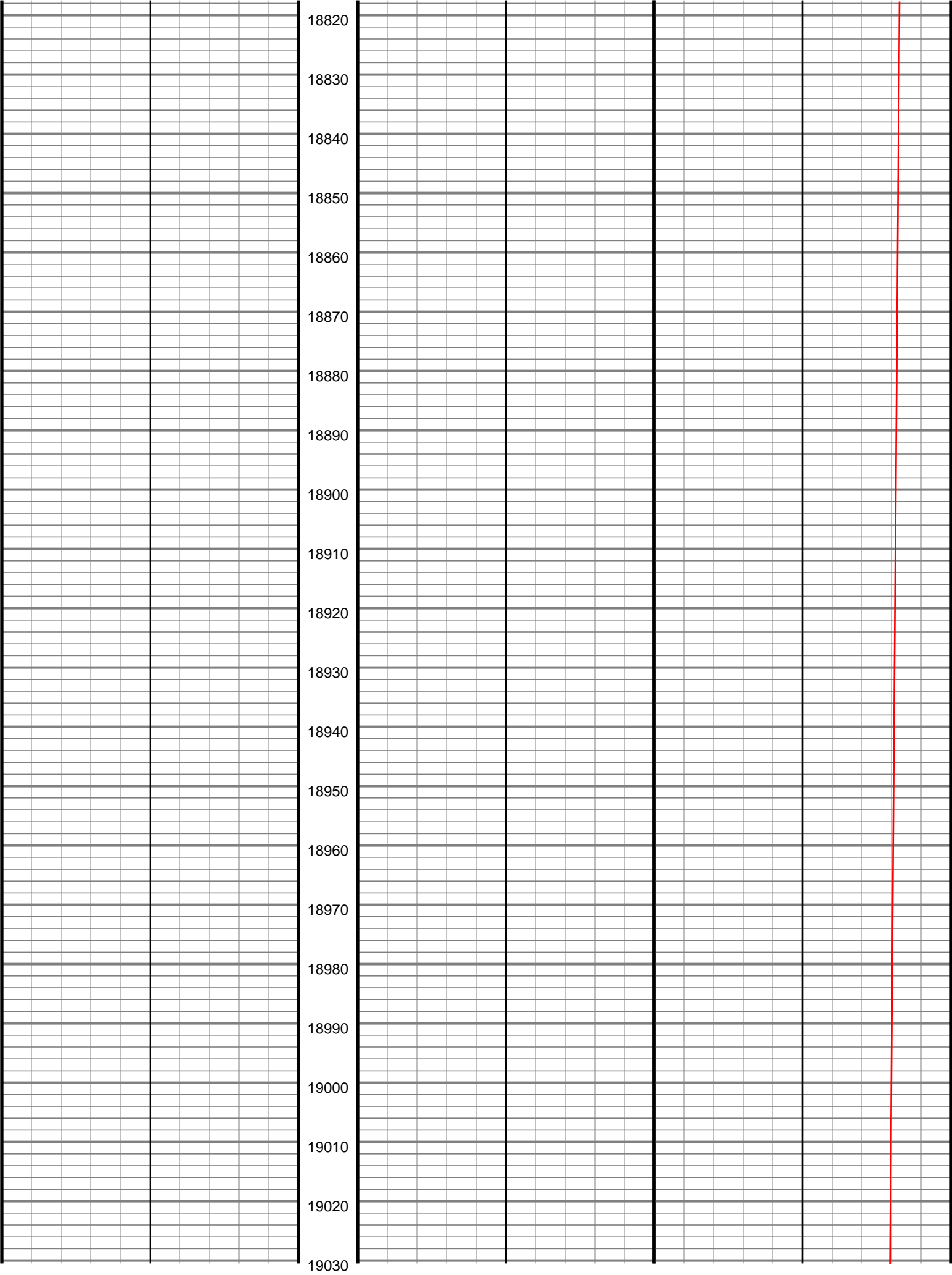


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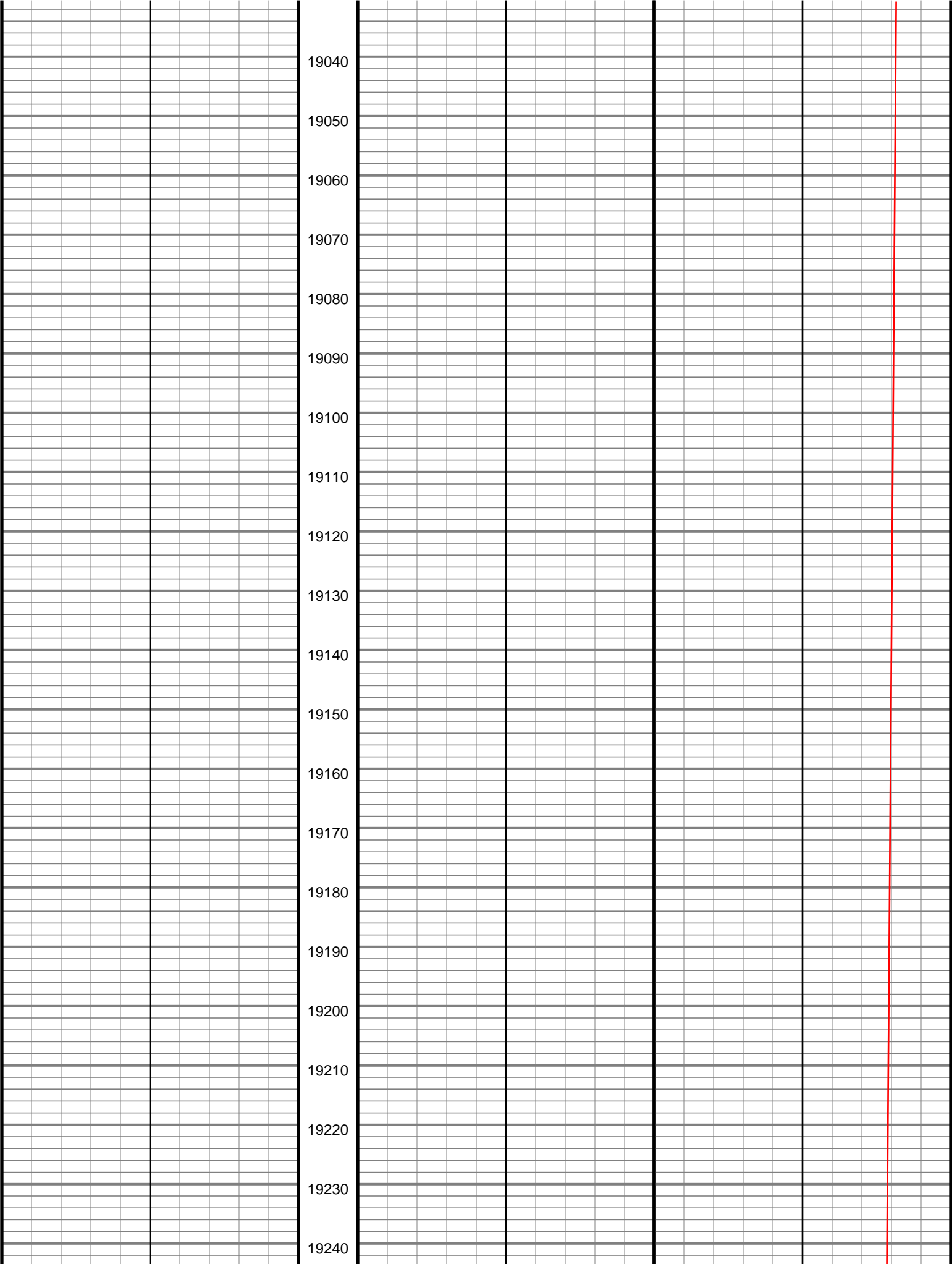
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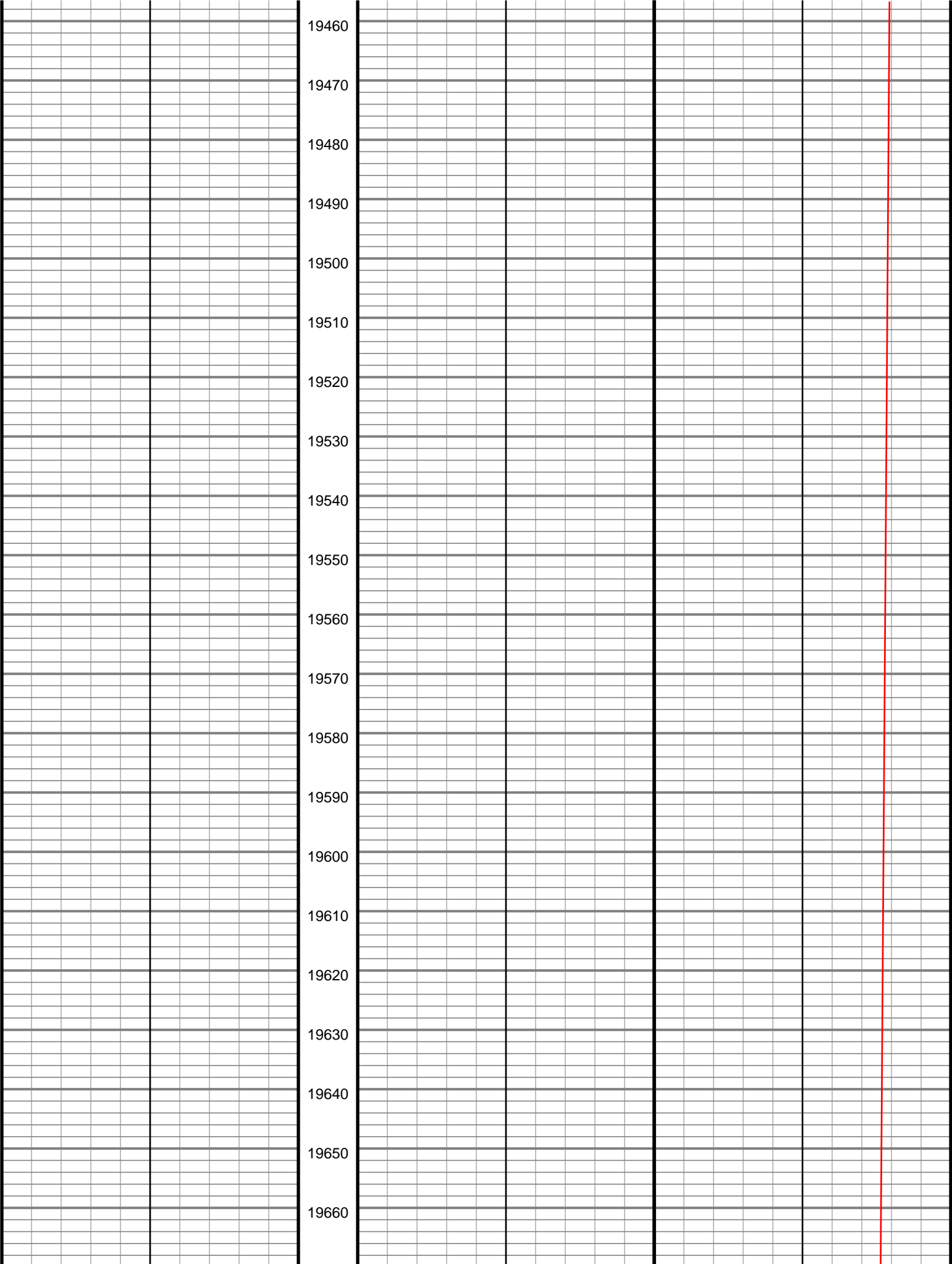
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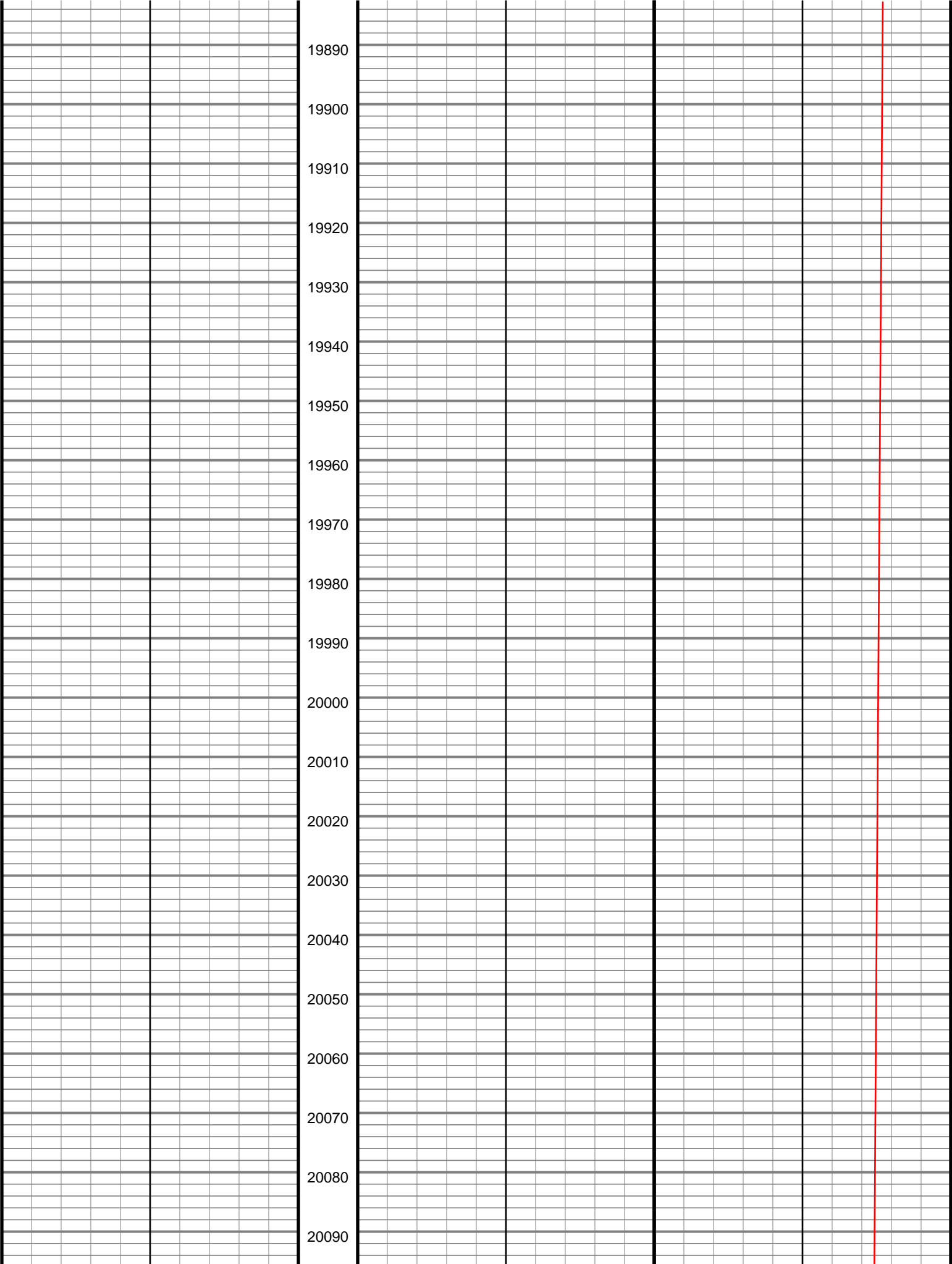
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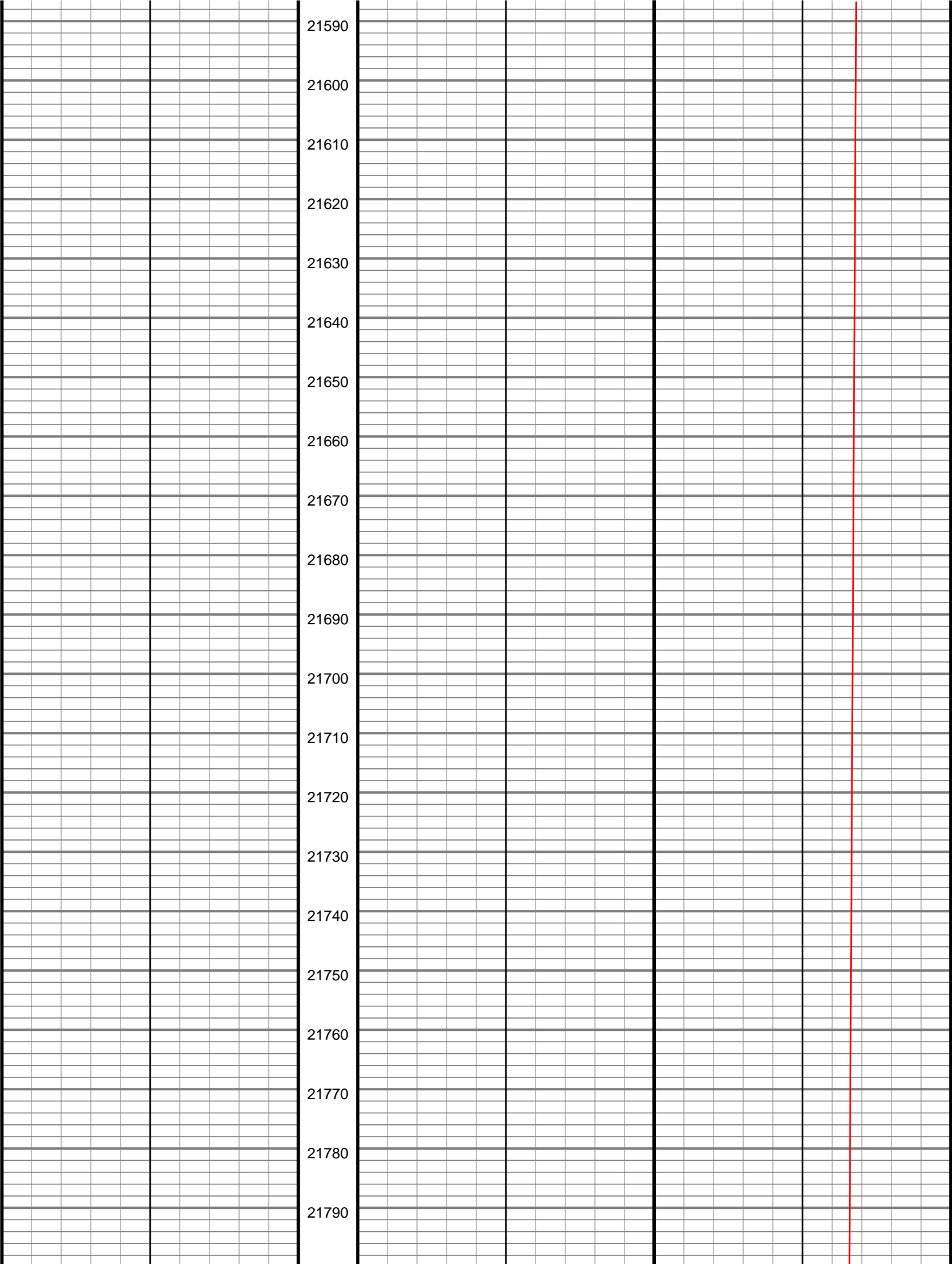
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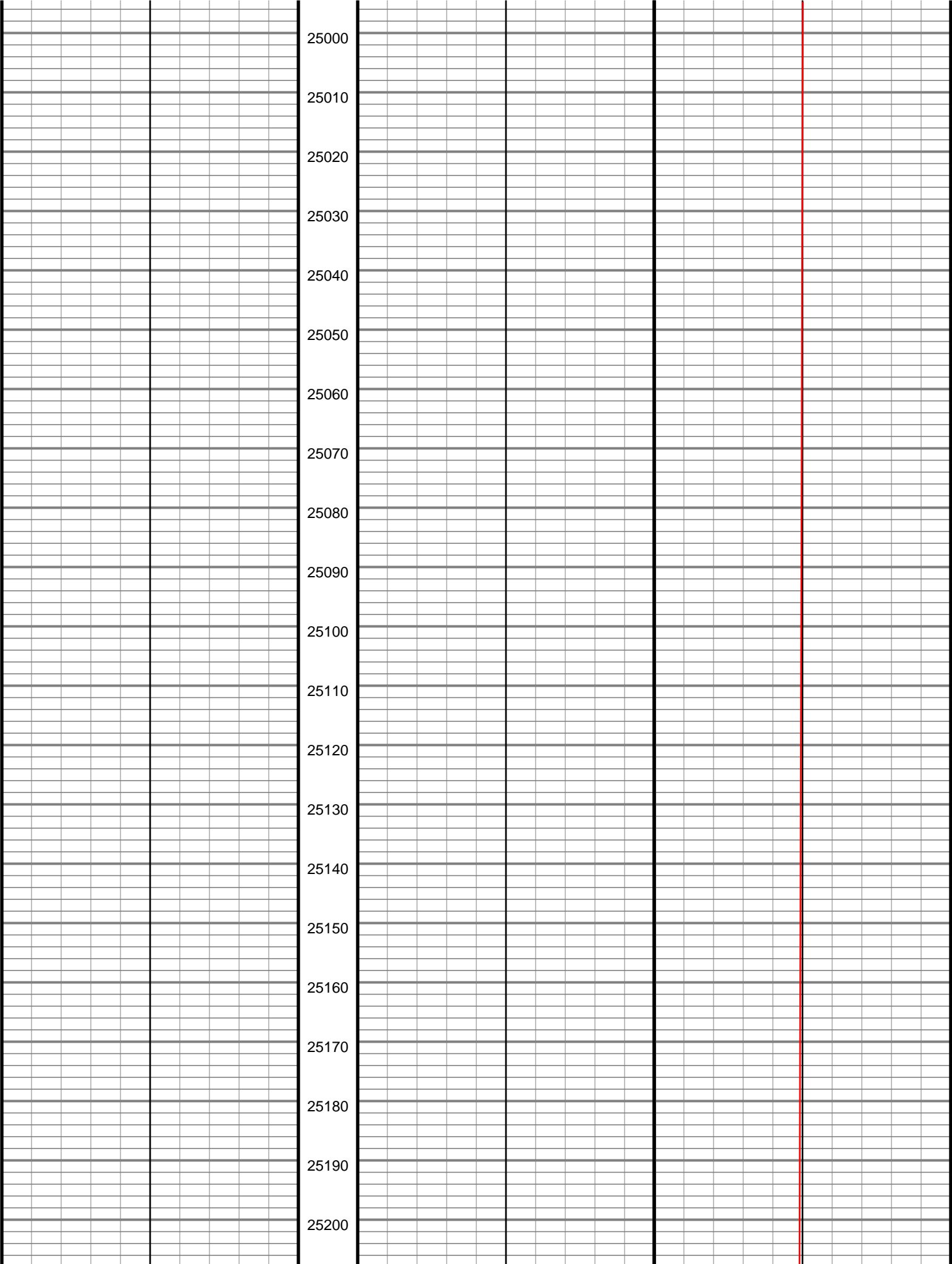
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This image shows a full page of graph paper. It features a uniform grid of small squares across the entire surface. A single, solid red vertical line runs down the right side of the page, creating a margin. The rest of the page is filled with the standard black-and-white grid pattern.

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This image shows a full page of graph paper. It features a uniform grid of small squares across the entire surface. A single, solid red vertical line runs down the right side of the page, creating a margin. The rest of the page is filled with the standard black-and-white grid pattern.

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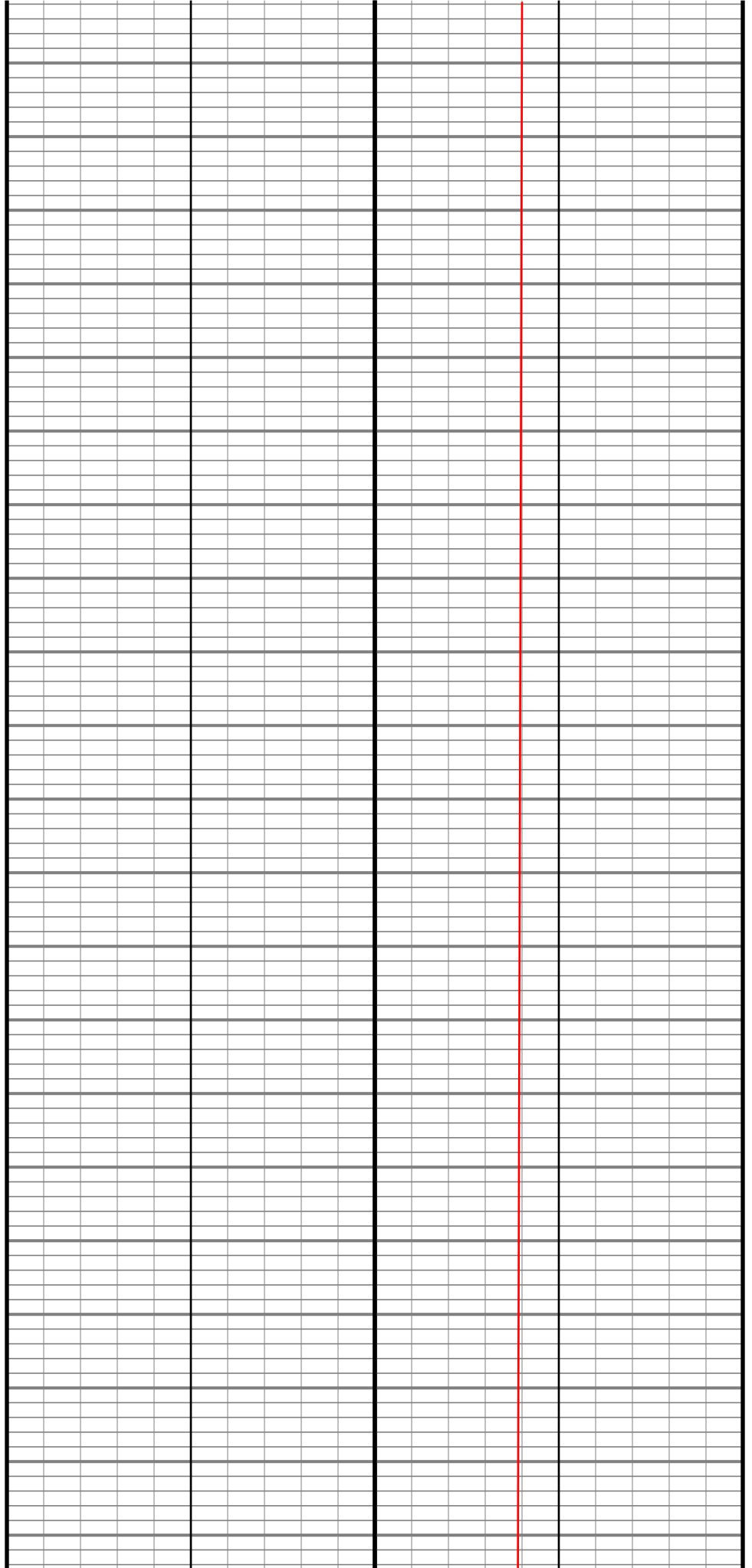
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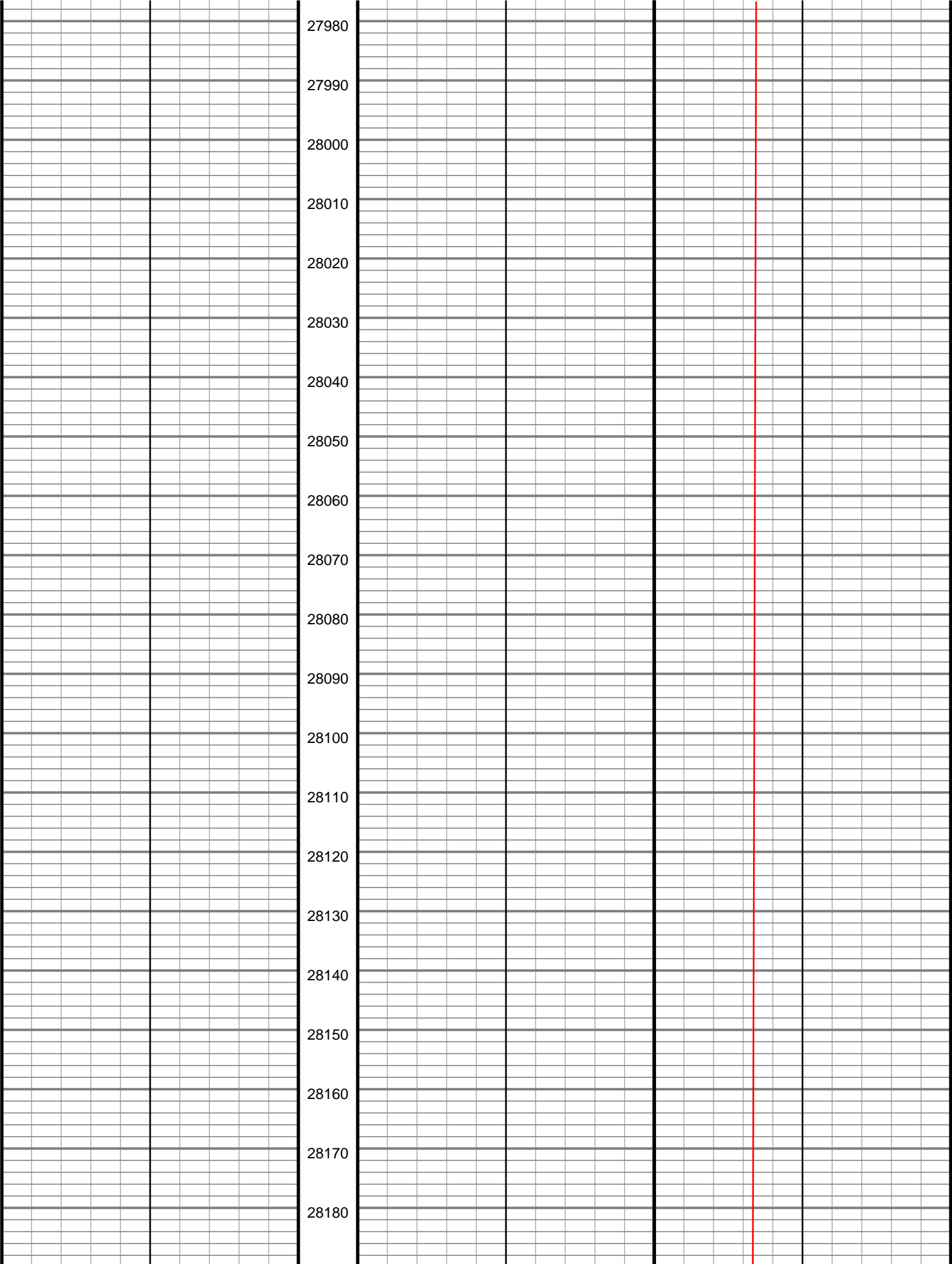
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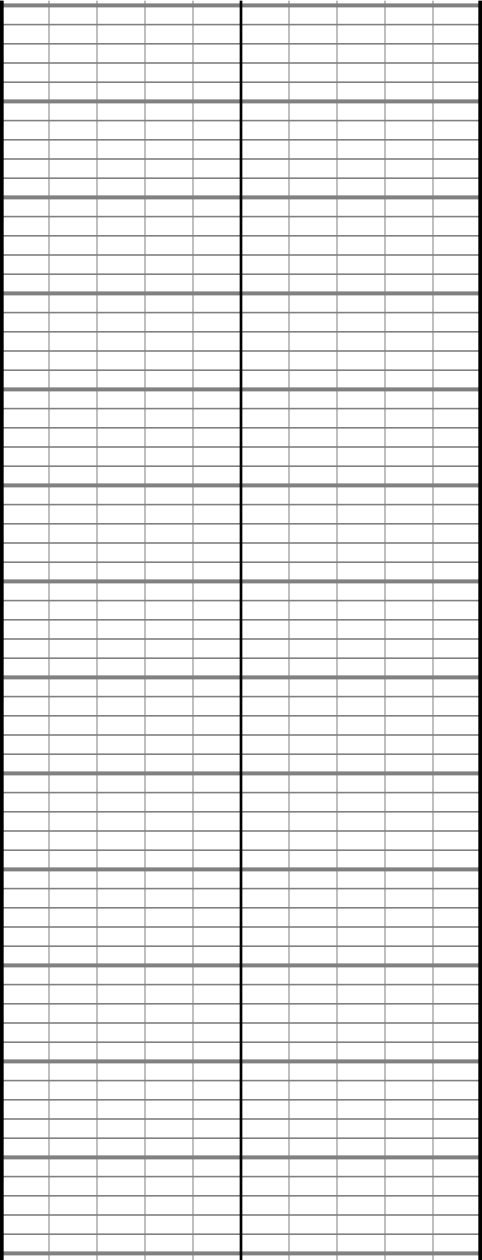
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