State North Platte F-J-36HC

MD
5":100'

Company: Bonanza Creek Energy Company
Well Name: State North Platte F-J-36HNB
UWI or LSD: 05-123-37728
Rig Id: Ensign 128
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: ENSIGN Directional
Job number:
Directional 1: James Allen
Directional 2: Arin Hatfield
MWD 1: Lucas Henkenius
MWD 2:

Company Man: Tim Joel
Geologist:

Log measurements: Gamma
Depth measured from:
Maximum temperature:

	Depth	Date
Start:	436 ft	8/23/2013
End:	ft	

Casing	Depth	Size
Surface:	436	9 5/8
Intermediate:	6663	7

Mud Type: Water Base
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**

Elevations
KB: 4573
GL: 4558
DF: 4573

Run	Bit Size	Offsets Gamma	Offsets Survey	Depths Start	Depths End	Dates Start	Dates End
1	8 3/4	53.29	48.29	5770	6744	8/26/2013	8/27/2013
2	6 1/8	55.40	50.40	6744		8/28/2013	
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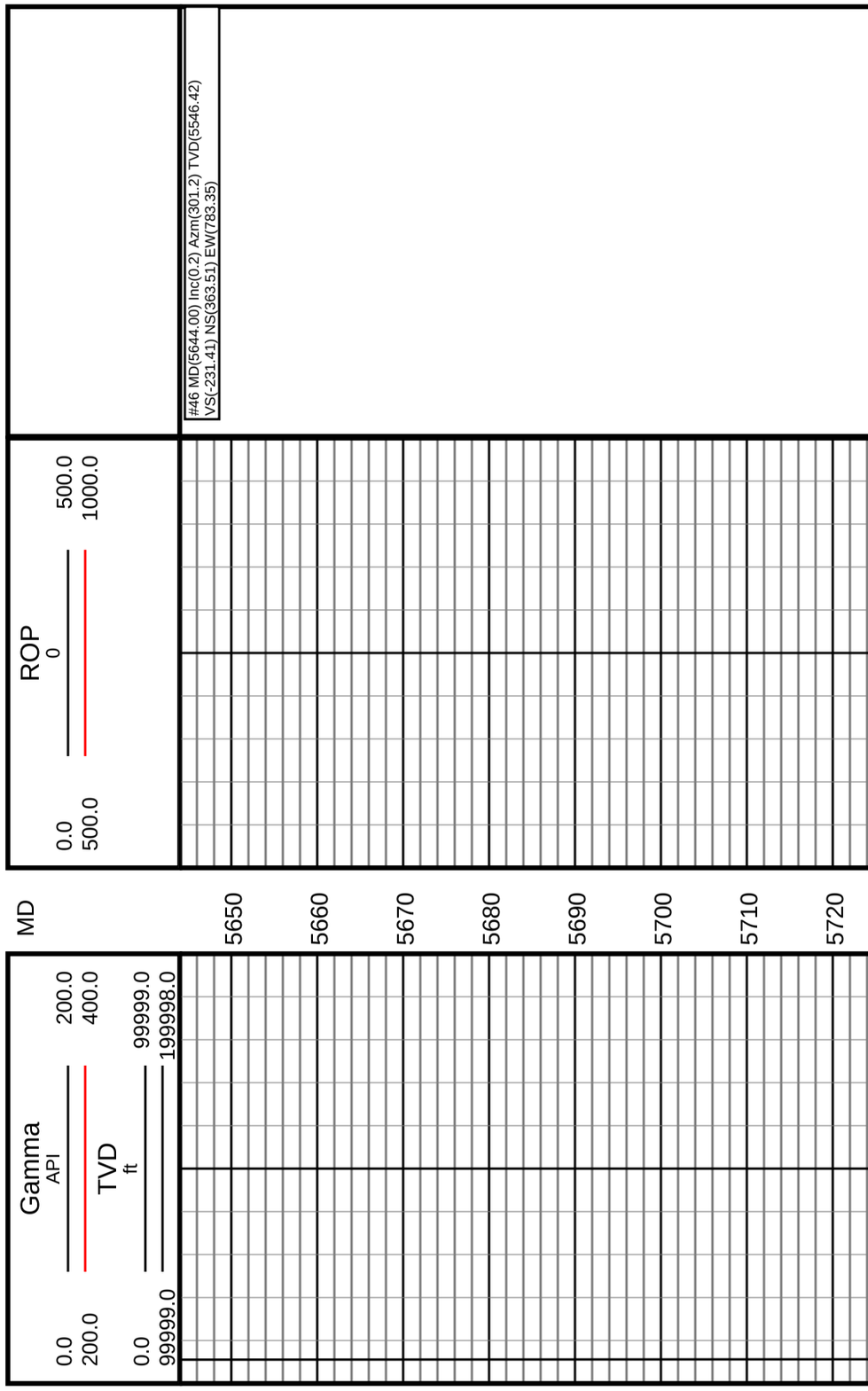
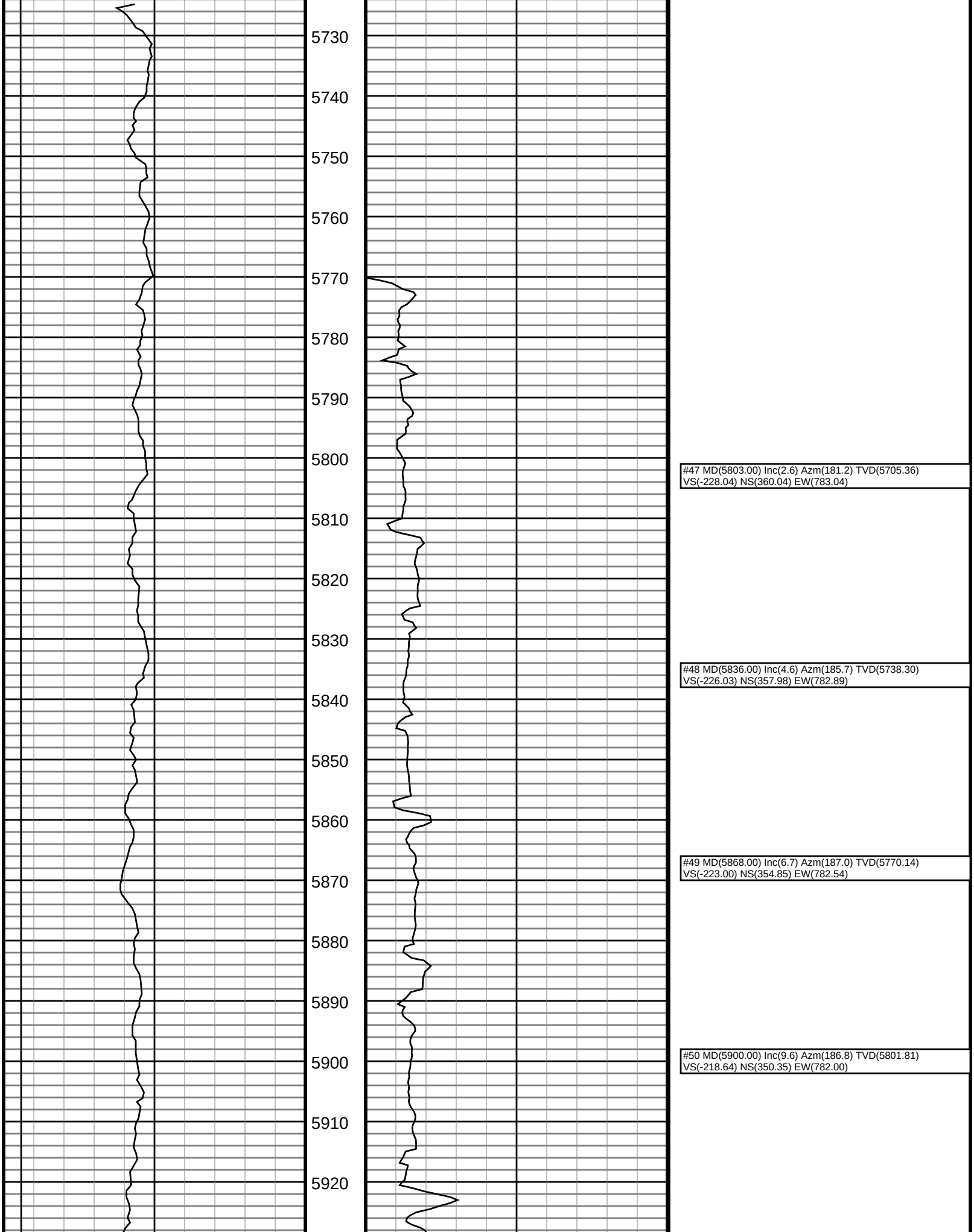
ENSIGN Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

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VS(-228.04) NS(360.04) EW(783.04)
#48 MD(5836.00) Inc(4.6) Azm(185.7) TVD(5738.30)
VS(-226.03) NS(357.98) EW(782.89)
#49 MD(5868.00) Inc(6.7) Azm(187.0) TVD(5770.14)
VS(-223.00) NS(354.85) EW(782.54)
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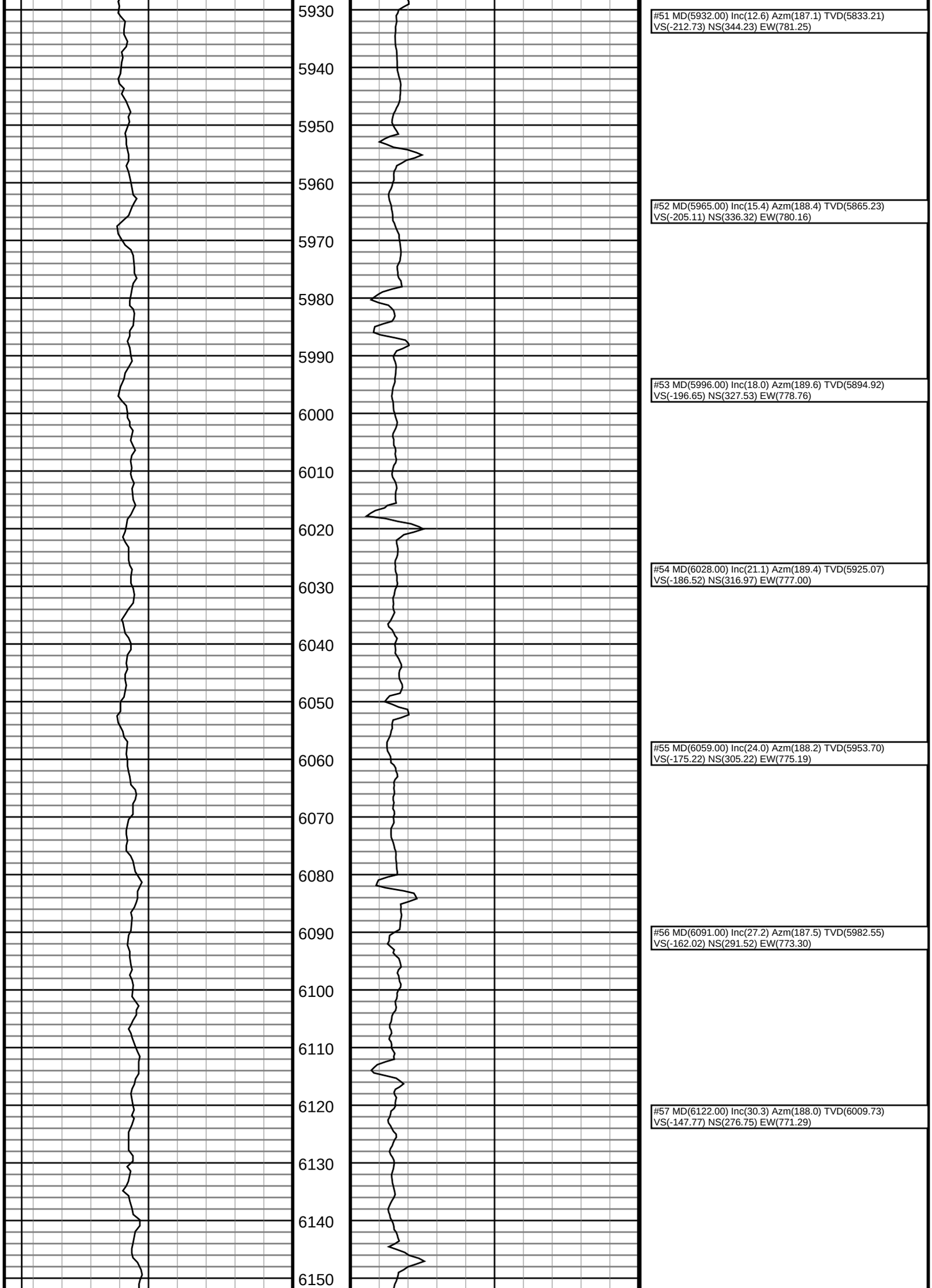
VS(-218.64) NS(350.35) EW(782.00)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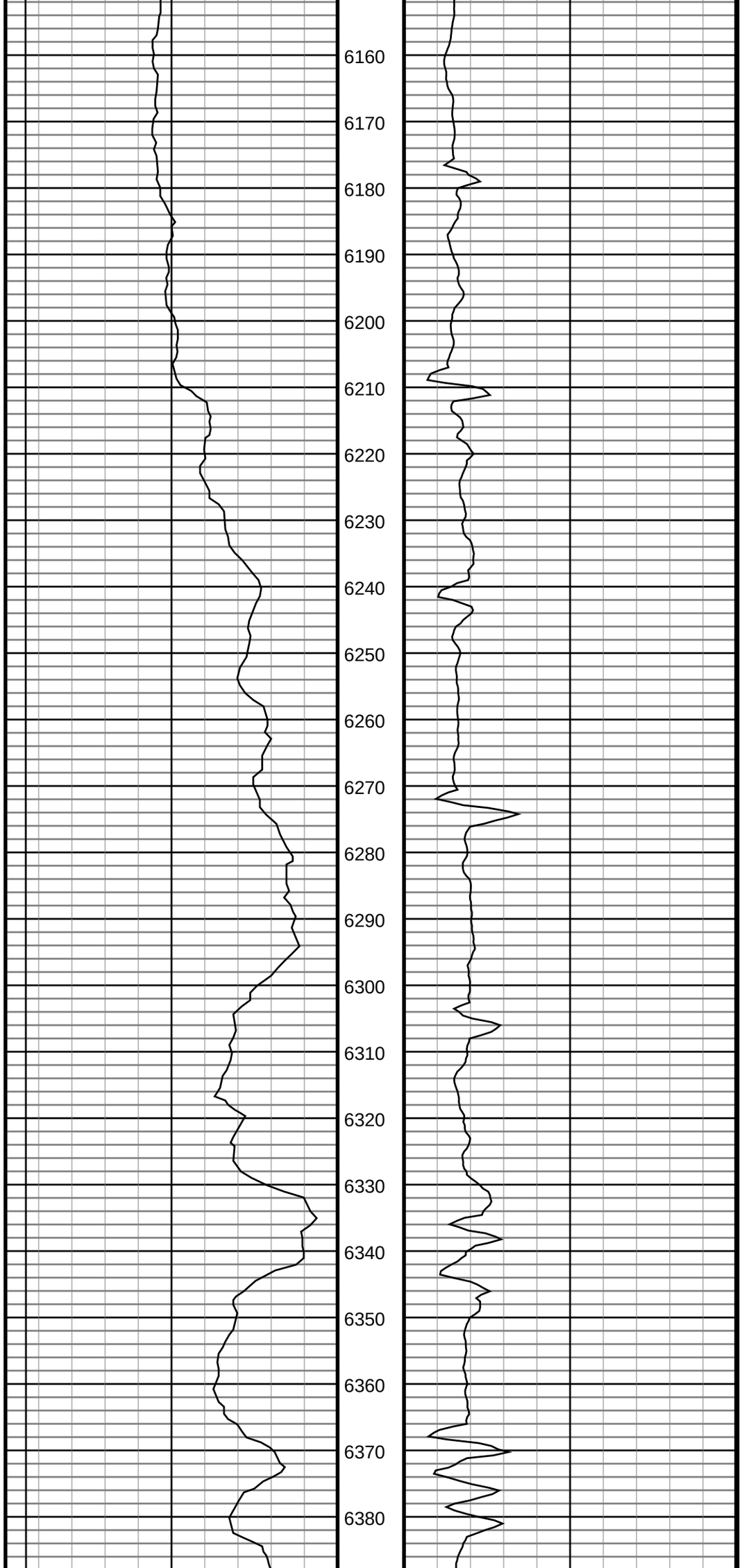
VS(-212.73) NS(344.23) EW(781.25)
#52 MD(5965.00) Inc(15.4) Azm(188.4) TVD(5865.23)
VS(-205.11) NS(336.32) EW(780.16)
#53 MD(5996.00) Inc(18.0) Azm(189.6) TVD(5894.92)
VS(-196.65) NS(327.53) EW(778.76)
#54 MD(6028.00) Inc(21.1) Azm(189.4) TVD(5925.07)
VS(-186.52) NS(316.97) EW(777.00)
#55 MD(6059.00) Inc(24.0) Azm(188.2) TVD(5953.70)
VS(-175.22) NS(305.22) EW(775.19)
#56 MD(6091.00) Inc(27.2) Azm(187.5) TVD(5982.55)
VS(-162.02) NS(291.52) EW(773.30)
#57 MD(6122.00) Inc(30.3) Azm(188.0) TVD(6009.73)
VS(-147.77) NS(276.75) EW(771.29)



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#60 MD(6217.00) Inc(41.1) Azm(189.1) TVD(6086.96)
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#61 MD(6249.00) Inc(44.4) Azm(189.1) TVD(6110.45)
VS(-74.87) NS(200.90) EW(759.30)

#62 MD(6280.00) Inc(47.7) Azm(189.6) TVD(6131.96)
VS(-53.74) NS(178.88) EW(755.67)

#63 MD(6312.00) Inc(51.1) Azm(189.8) TVD(6152.78)
VS(-30.77) NS(154.94) EW(751.58)

#64 MD(6343.00) Inc(53.9) Azm(189.2) TVD(6171.65)
VS(-7.50) NS(130.68) EW(747.52)

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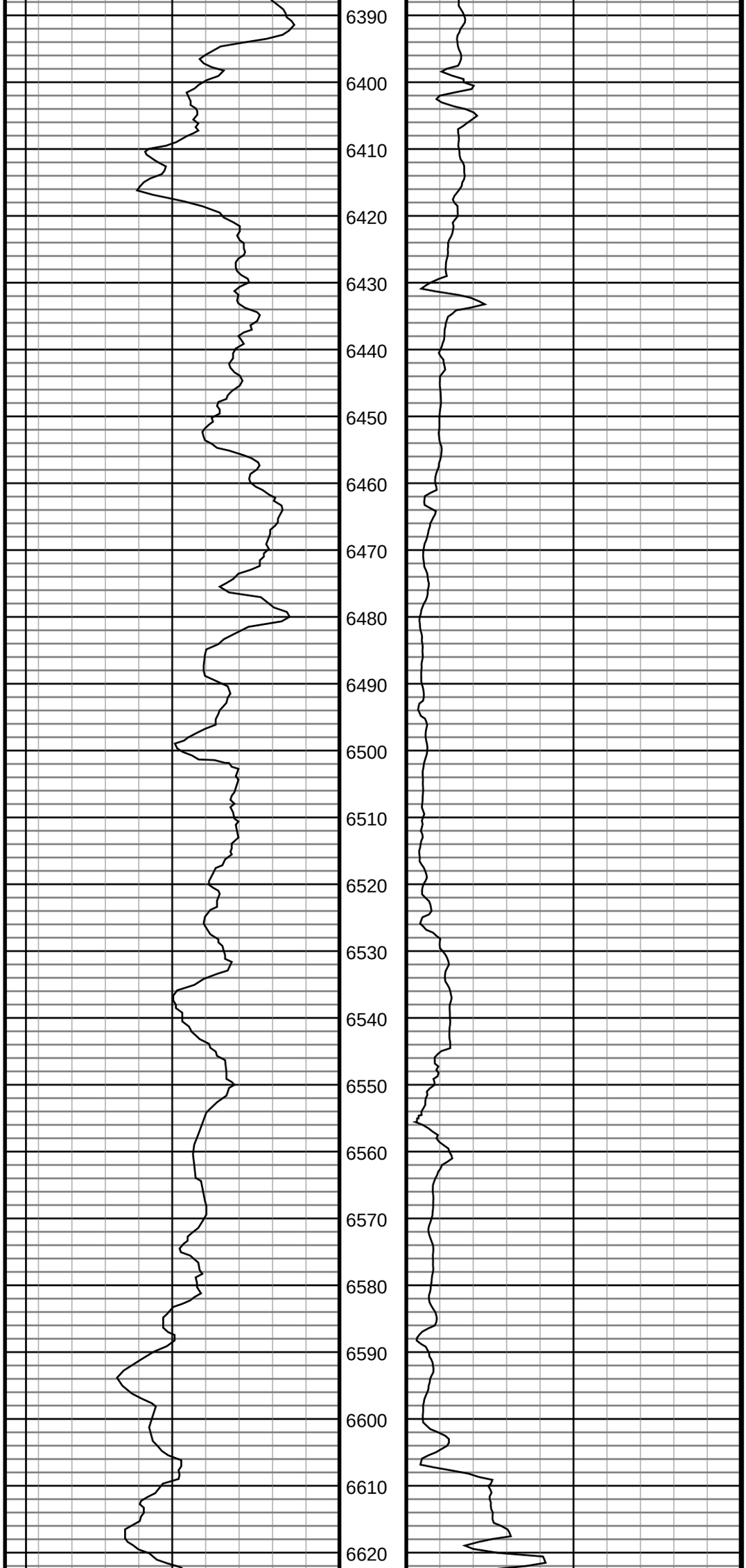

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#68 MD(6470.00) Inc(66.6) Azm(185.0) TVD(6235.03)
VS(97.44) NS(21.92) EW(732.90)

#69 MD(6502.00) Inc(70.1) Azm(182.9) TVD(6246.83)
VS(126.38) NS(-7.74) EW(730.86)

#70 MD(6533.00) Inc(71.5) Azm(181.5) TVD(6257.03)
VS(155.06) NS(-36.99) EW(729.74)

#71 MD(6565.00) Inc(73.4) Azm(179.6) TVD(6266.68)
VS(185.11) NS(-67.50) EW(729.45)

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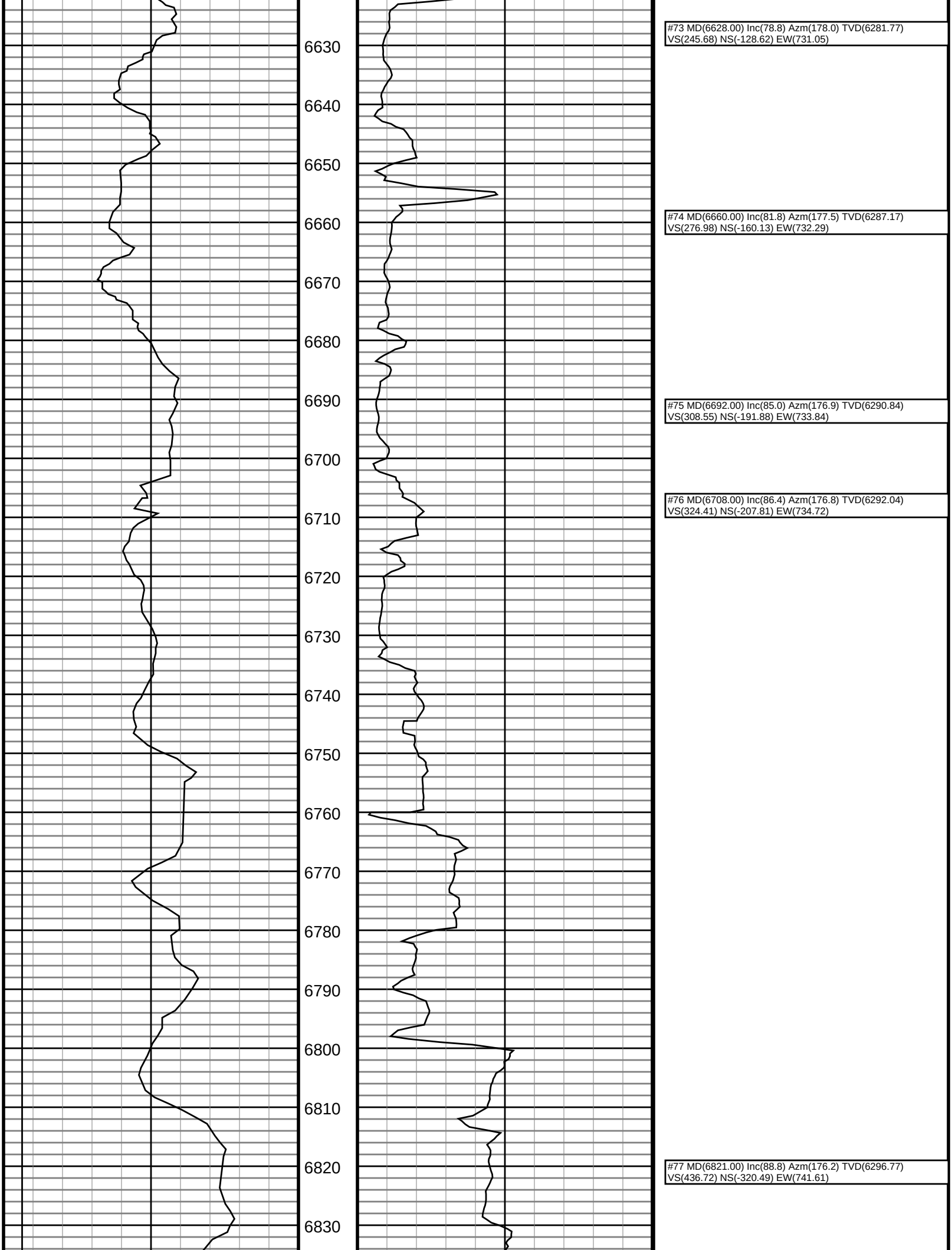
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#75 MD(6692.00) Inc(85.0) Azm(176.9) TVD(6290.84)
VS(308.55) NS(-191.88) EW(733.84)
#76 MD(6708.00) Inc(86.4) Azm(176.8) TVD(6292.04)
VS(324.41) NS(-207.81) EW(734.72)
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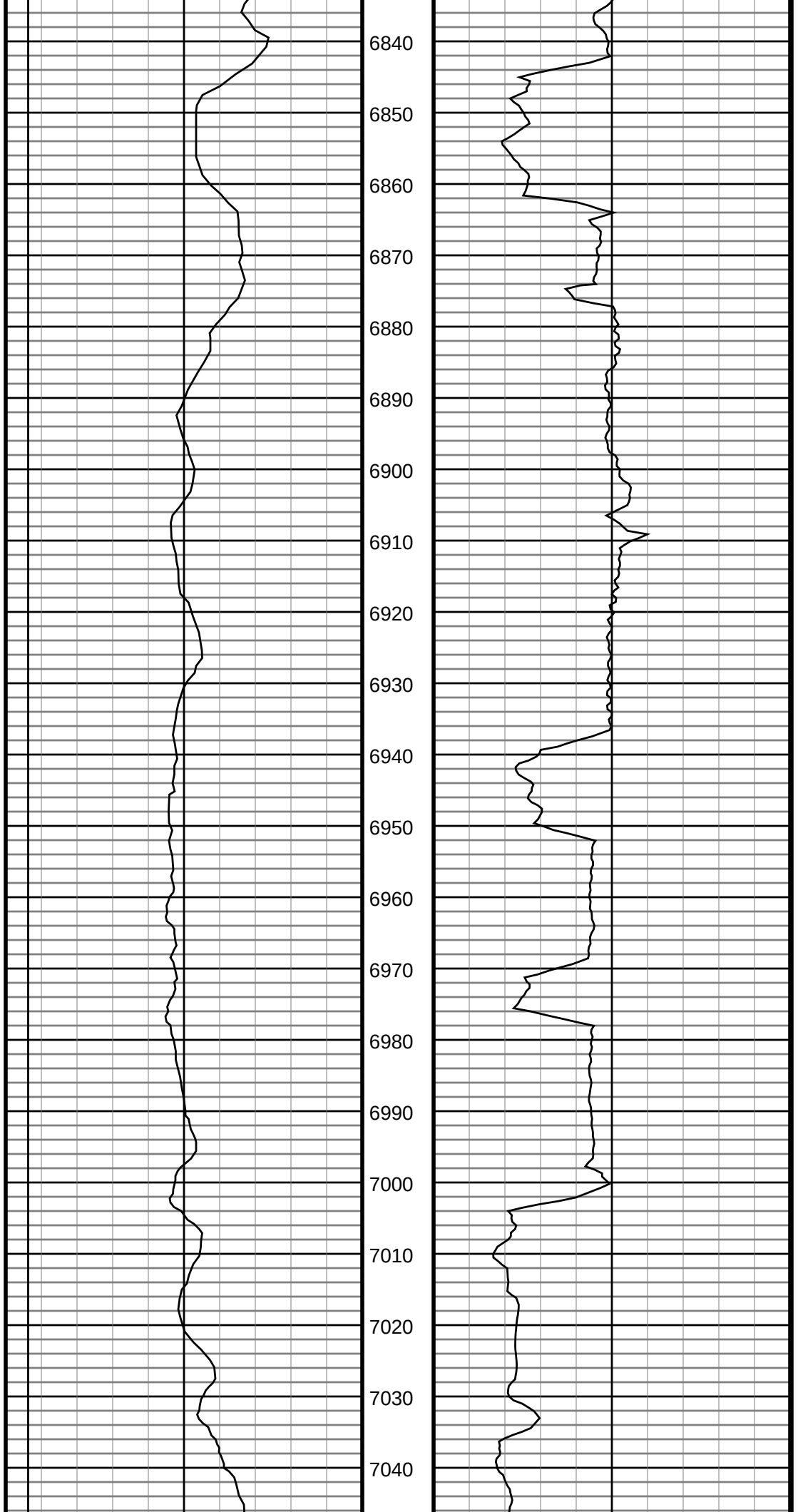

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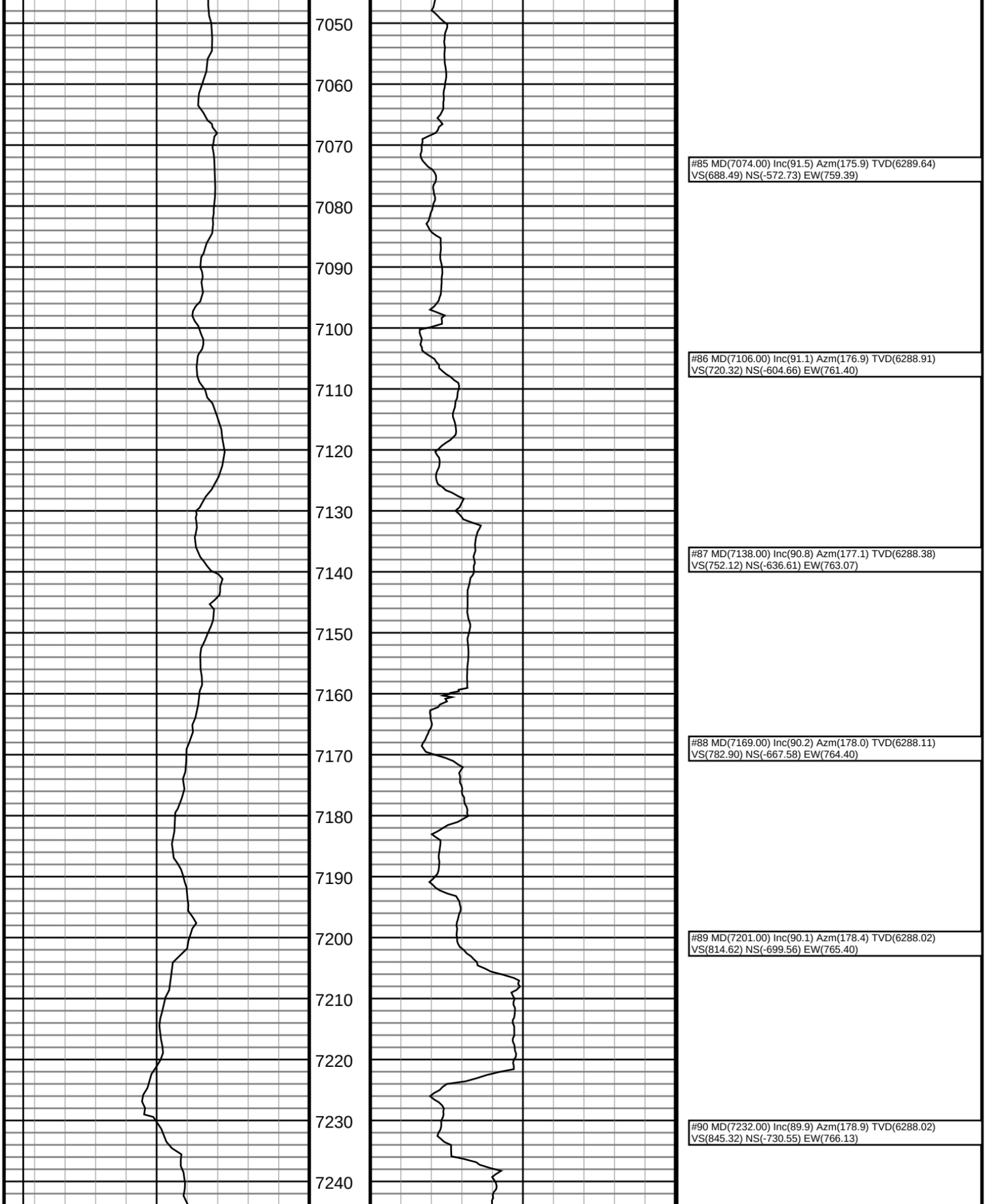
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#87 MD(7138.00) Inc(90.8) Azm(177.1) TVD(6288.38)
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#88 MD(7169.00) Inc(90.2) Azm(178.0) TVD(6288.11)
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#89 MD(7201.00) Inc(90.1) Azm(178.4) TVD(6288.02)
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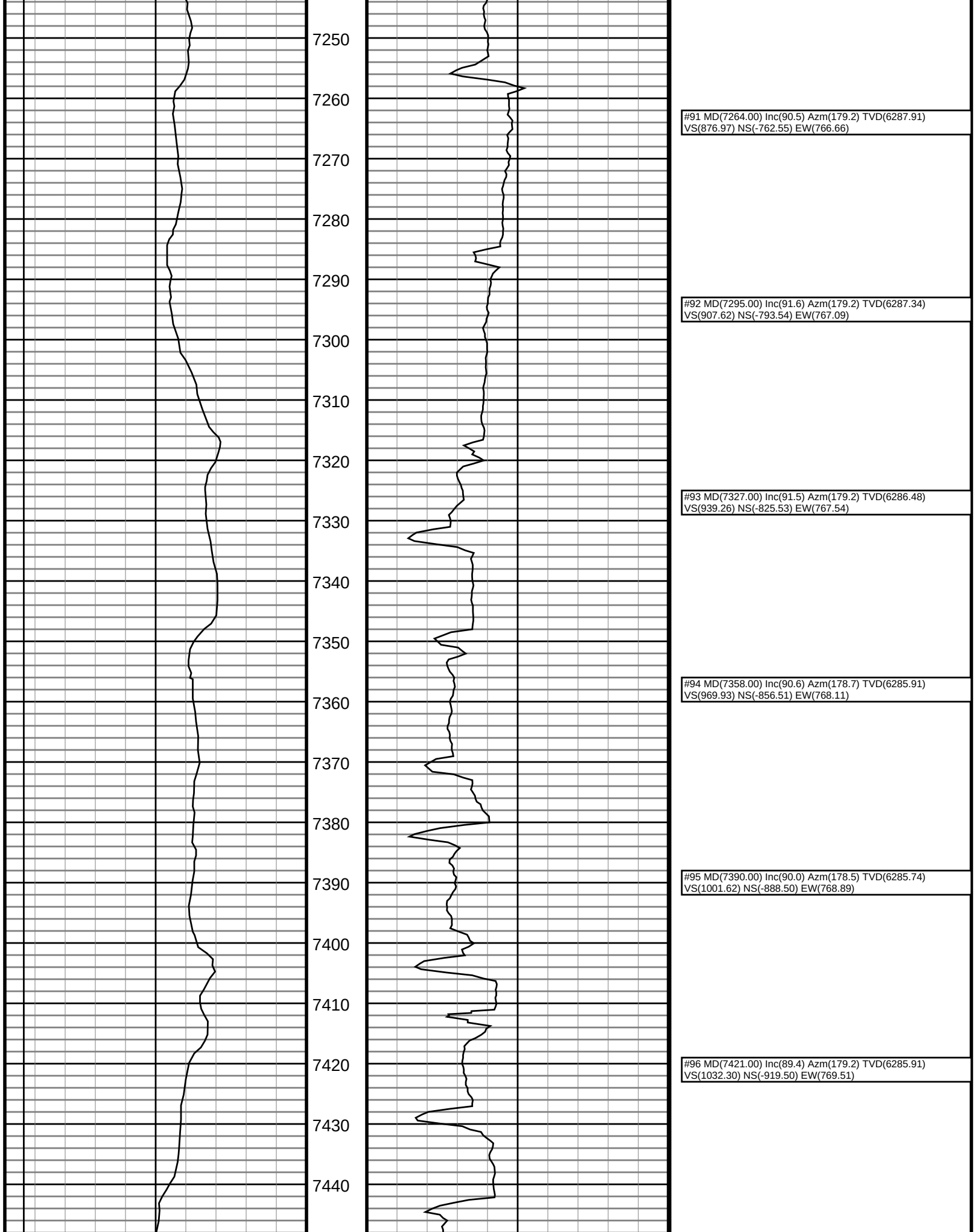
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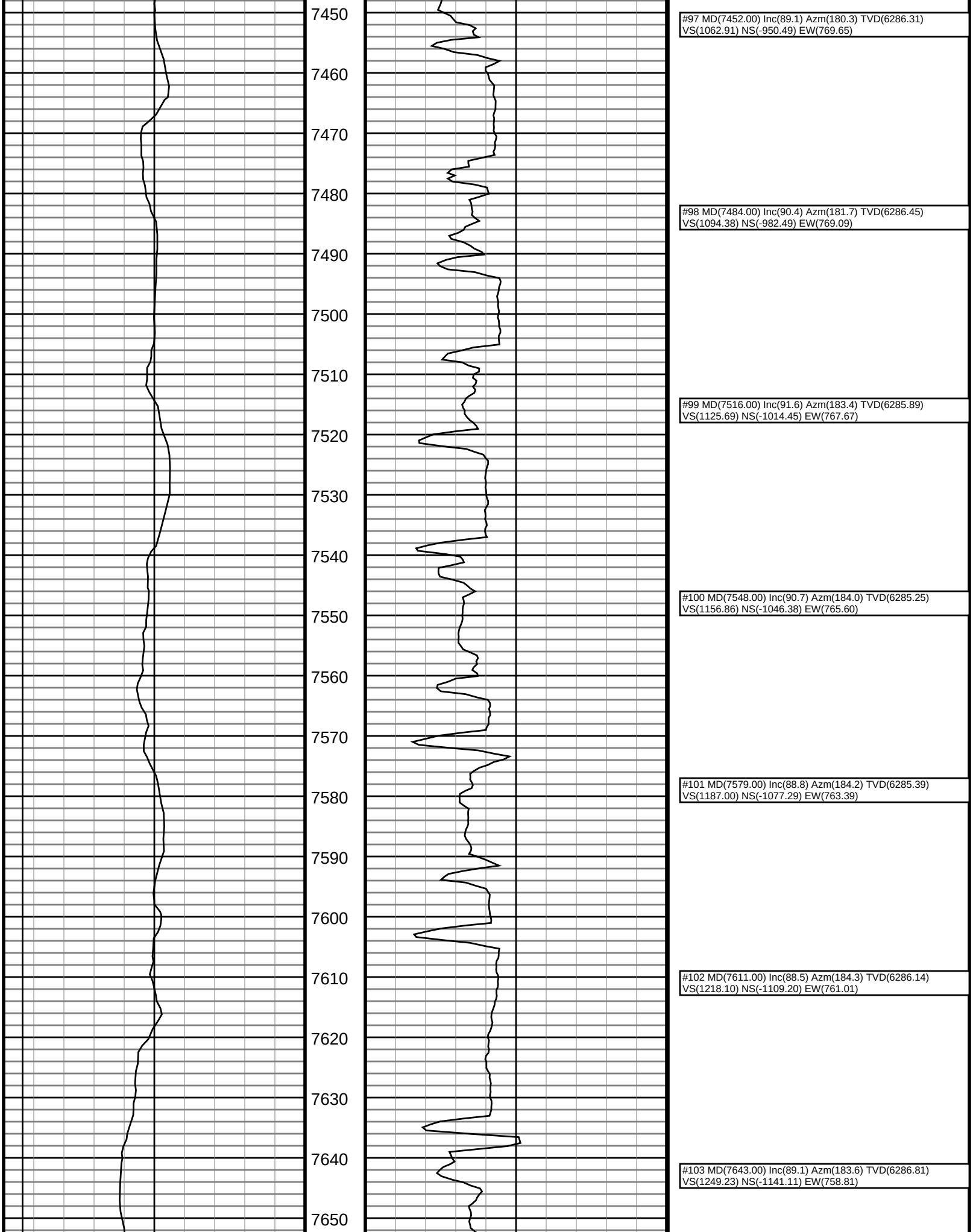
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#98 MD(7484.00) Inc(90.4) Azm(181.7) TVD(6286.45)
VS(1094.38) NS(-982.49) EW(769.09)
#99 MD(7516.00) Inc(91.6) Azm(183.4) TVD(6285.89)
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VS(1156.86) NS(-1046.38) EW(765.60)
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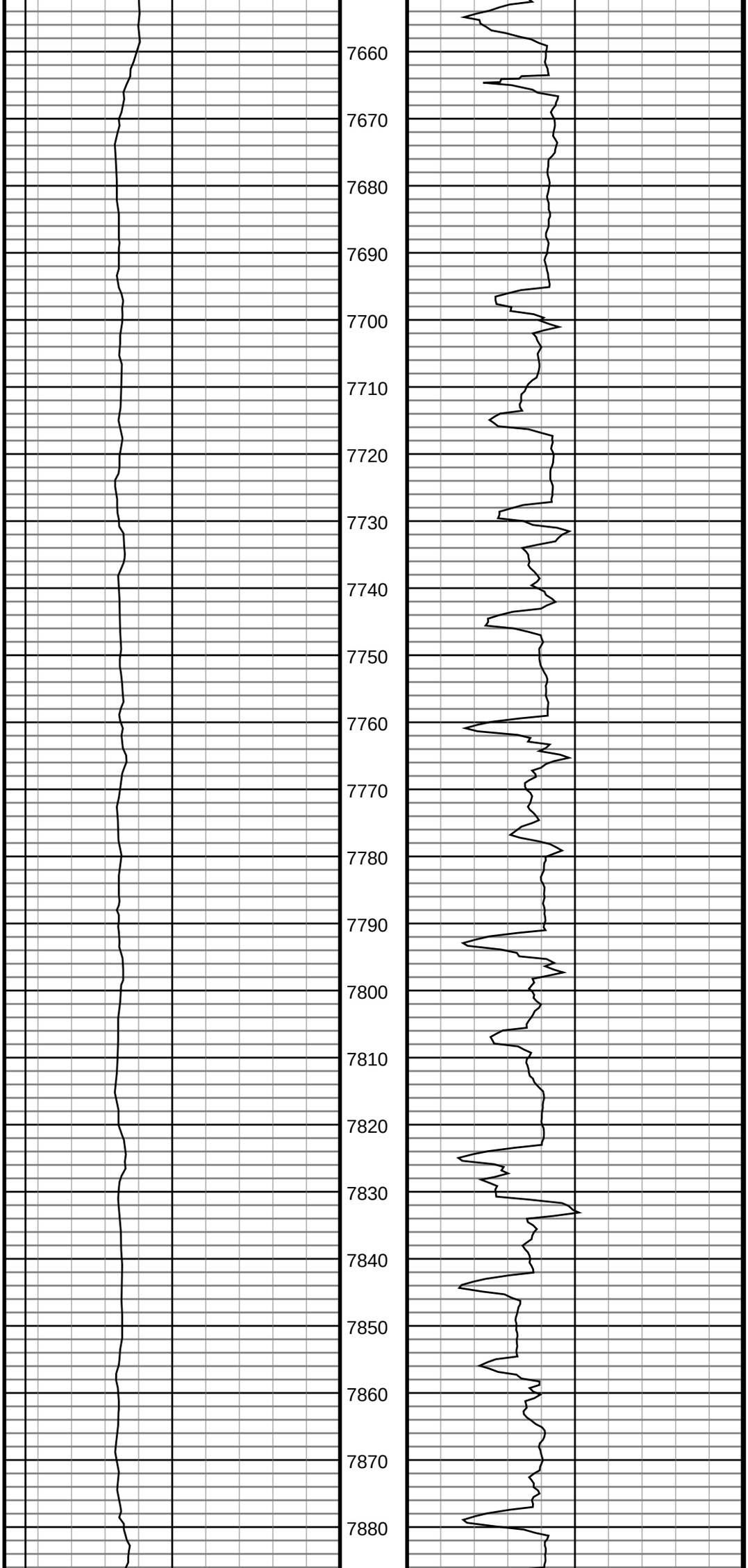

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#105 MD(7706.00) Inc(90.2) Azm(182.2) TVD(6287.12)
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#106 MD(7738.00) Inc(90.7) Azm(180.6) TVD(6286.87)
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#107 MD(7770.00) Inc(90.9) Azm(180.3) TVD(6286.42)
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#108 MD(7801.00) Inc(90.9) Azm(180.1) TVD(6285.93)
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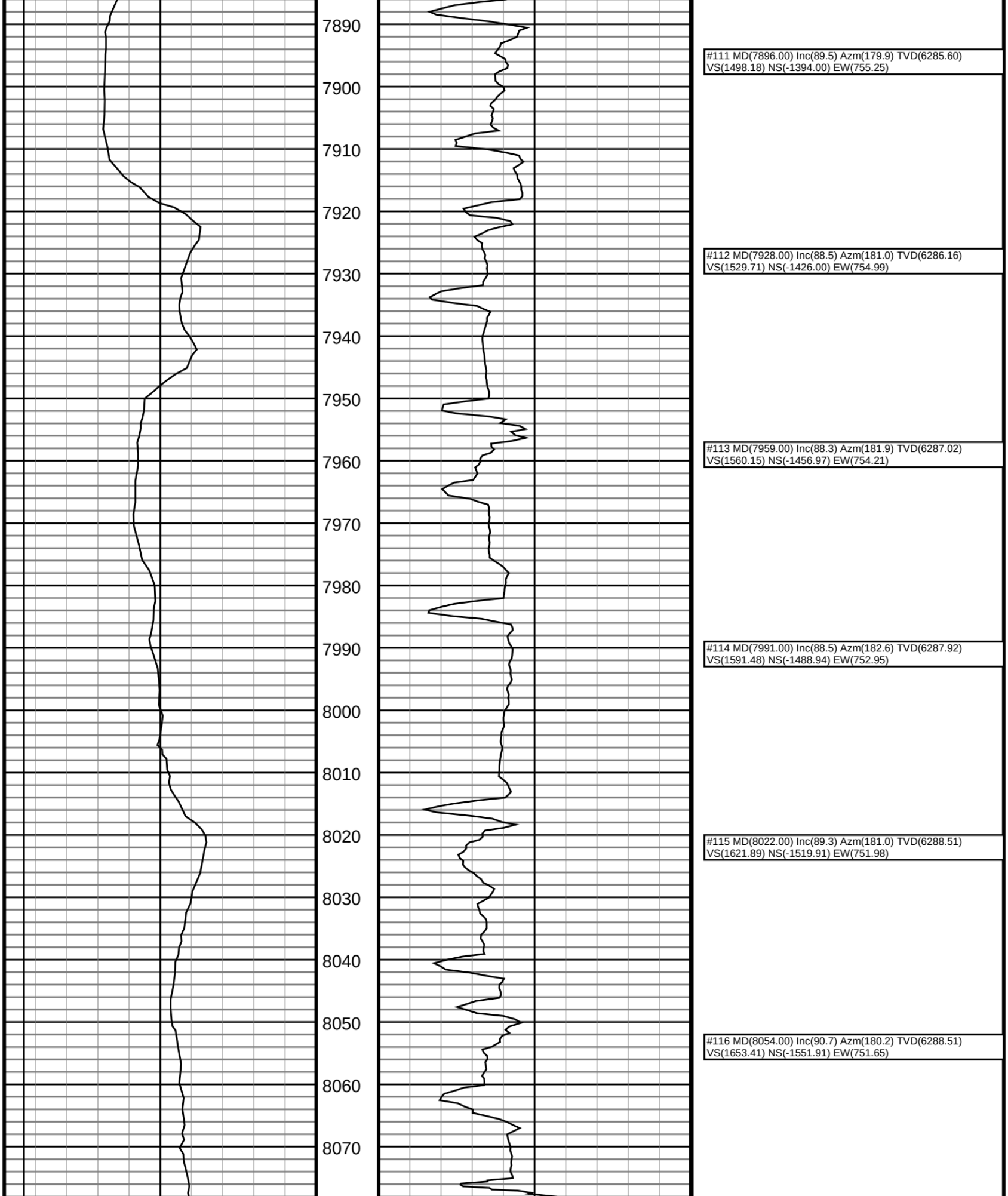
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#112 MD(7928.00) Inc(88.5) Azm(181.0) TVD(6286.16)
VS(1529.71) NS(-1426.00) EW(754.99)
#113 MD(7959.00) Inc(88.3) Azm(181.9) TVD(6287.02)
VS(1560.15) NS(-1456.97) EW(754.21)
#114 MD(7991.00) Inc(88.5) Azm(182.6) TVD(6287.92)
VS(1591.48) NS(-1488.94) EW(752.95)
#115 MD(8022.00) Inc(89.3) Azm(181.0) TVD(6288.51)
VS(1621.89) NS(-1519.91) EW(751.98)
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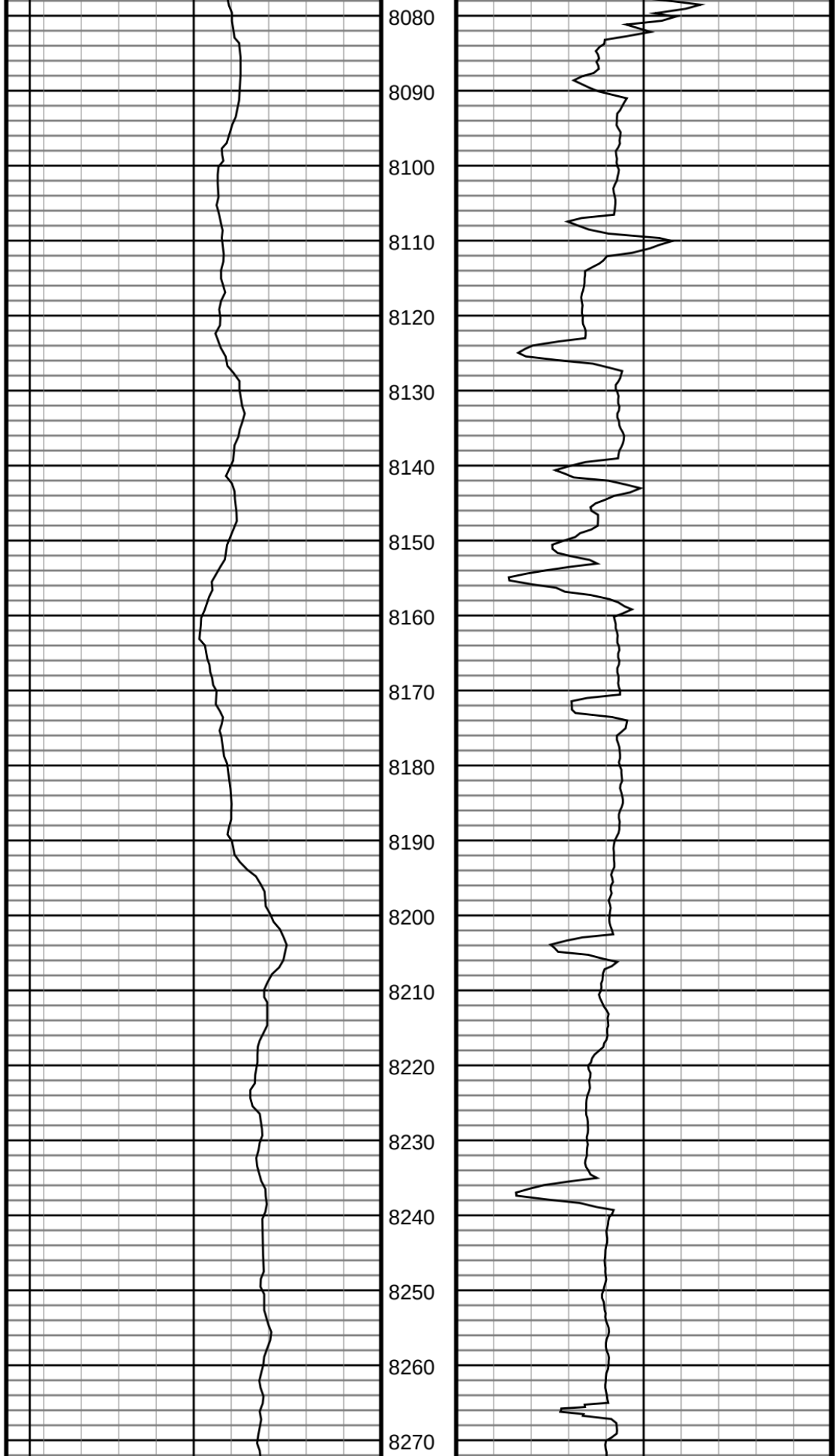

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#119 MD(8149.00) Inc(89.1) Azm(179.6) TVD(6288.73)
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#120 MD(8180.00) Inc(89.5) Azm(179.6) TVD(6289.11)
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#121 MD(8212.00) Inc(89.7) Azm(179.6) TVD(6289.34)
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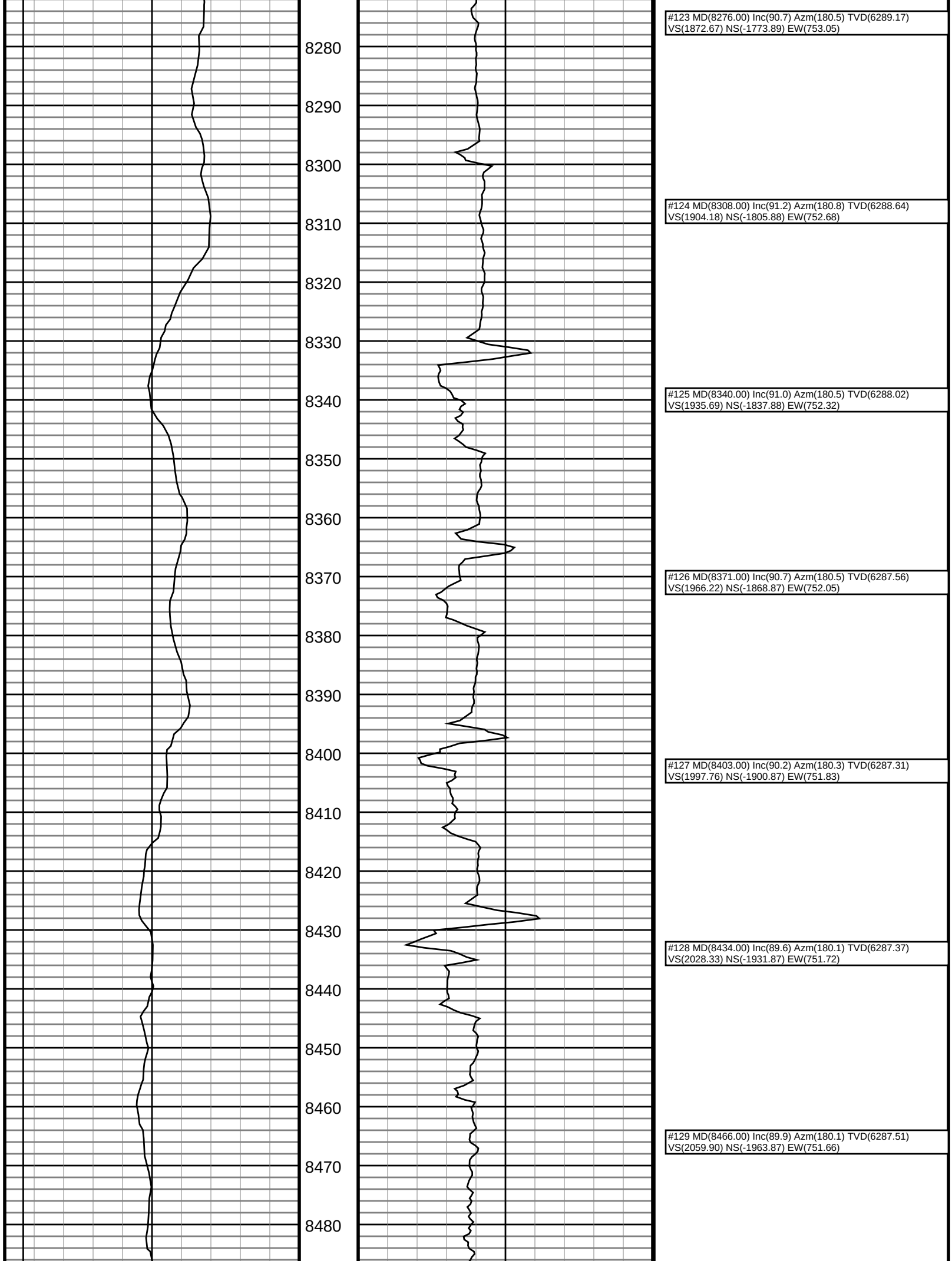
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#124 MD(8308.00) Inc(91.2) Azm(180.8) TVD(6288.64)
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#125 MD(8340.00) Inc(91.0) Azm(180.5) TVD(6288.02)
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#127 MD(8403.00) Inc(90.2) Azm(180.3) TVD(6287.31)
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#128 MD(8434.00) Inc(89.6) Azm(180.1) TVD(6287.37)
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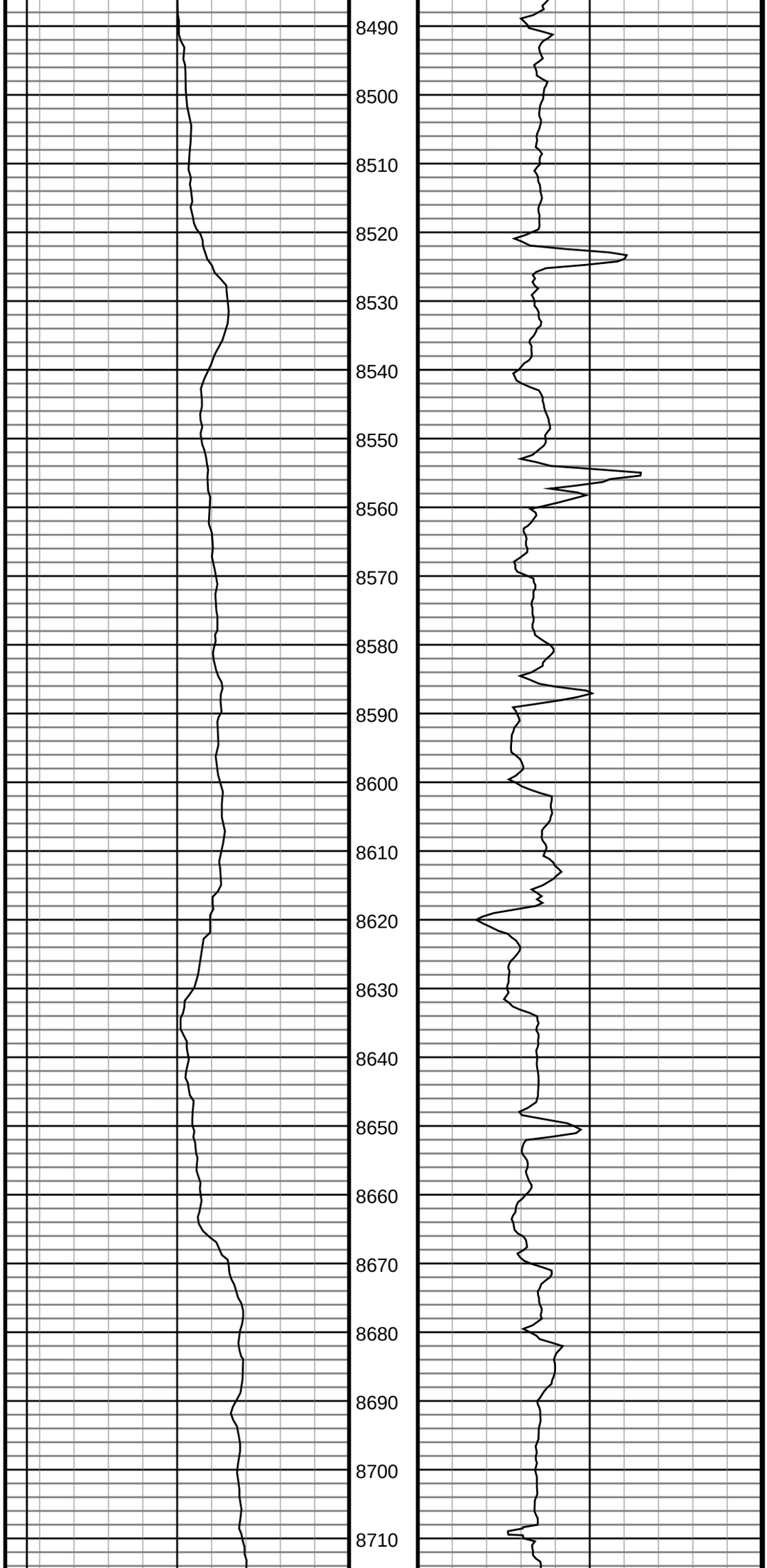

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VS(2121.99) NS(-2026.87) EW(751.25)

#132 MD(8560.00) Inc(90.1) Azm(181.0) TVD(6286.85)
VS(2152.49) NS(-2057.86) EW(750.76)

#133 MD(8592.00) Inc(89.9) Azm(181.2) TVD(6286.85)
VS(2183.96) NS(-2089.85) EW(750.15)

#134 MD(8624.00) Inc(89.0) Azm(181.7) TVD(6287.15)
VS(2215.39) NS(-2121.84) EW(749.34)

#135 MD(8655.00) Inc(88.7) Azm(181.7) TVD(6287.78)
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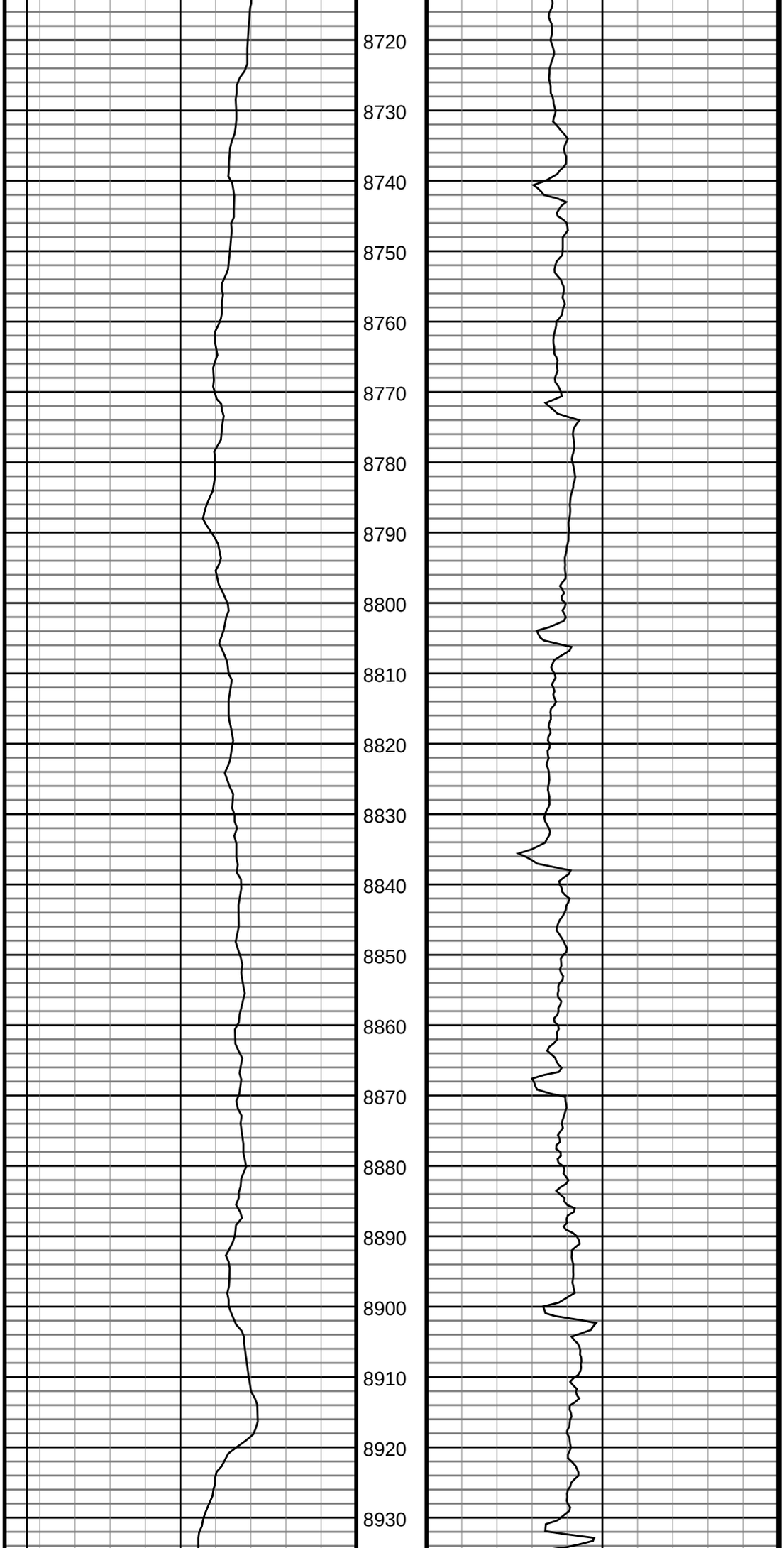

#137 MD(8718.00) Inc(88.8) Azm(181.9) TVD(6289.29)
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#138 MD(8750.00) Inc(88.9) Azm(181.3) TVD(6289.93)
VS(2339.03) NS(-2247.76) EW(745.60)

#139 MD(8781.00) Inc(89.3) Azm(181.7) TVD(6290.42)
VS(2369.47) NS(-2278.74) EW(744.79)

#140 MD(8813.00) Inc(89.0) Azm(181.0) TVD(6290.89)
VS(2400.91) NS(-2310.73) EW(744.04)

#141 MD(8845.00) Inc(89.3) Azm(180.8) TVD(6291.37)
VS(2432.39) NS(-2342.72) EW(743.53)

#142 MD(8876.00) Inc(89.5) Azm(181.0) TVD(6291.69)
VS(2462.90) NS(-2373.72) EW(743.05)

#143 MD(8907.00) Inc(90.1) Azm(181.3) TVD(6291.80)
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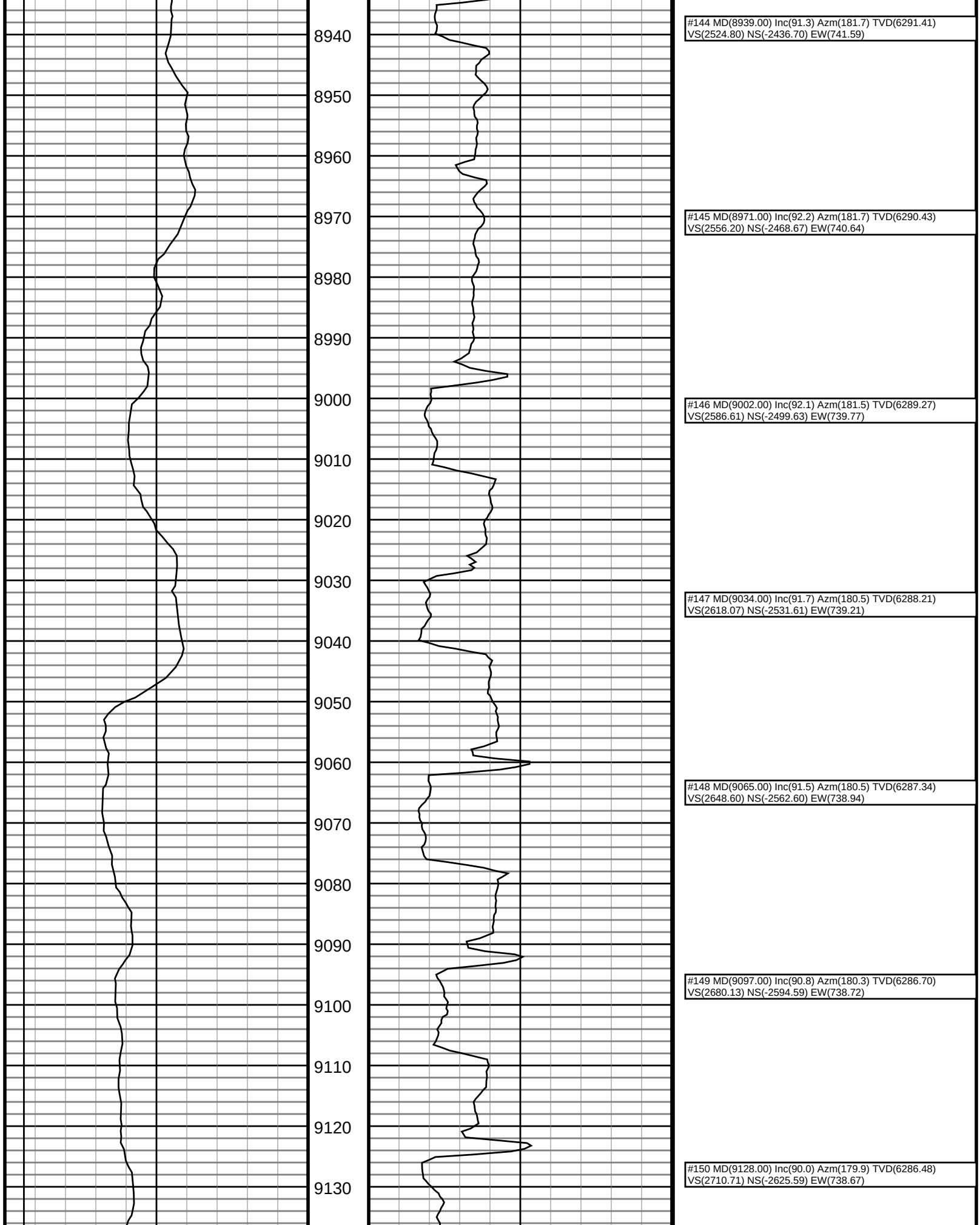
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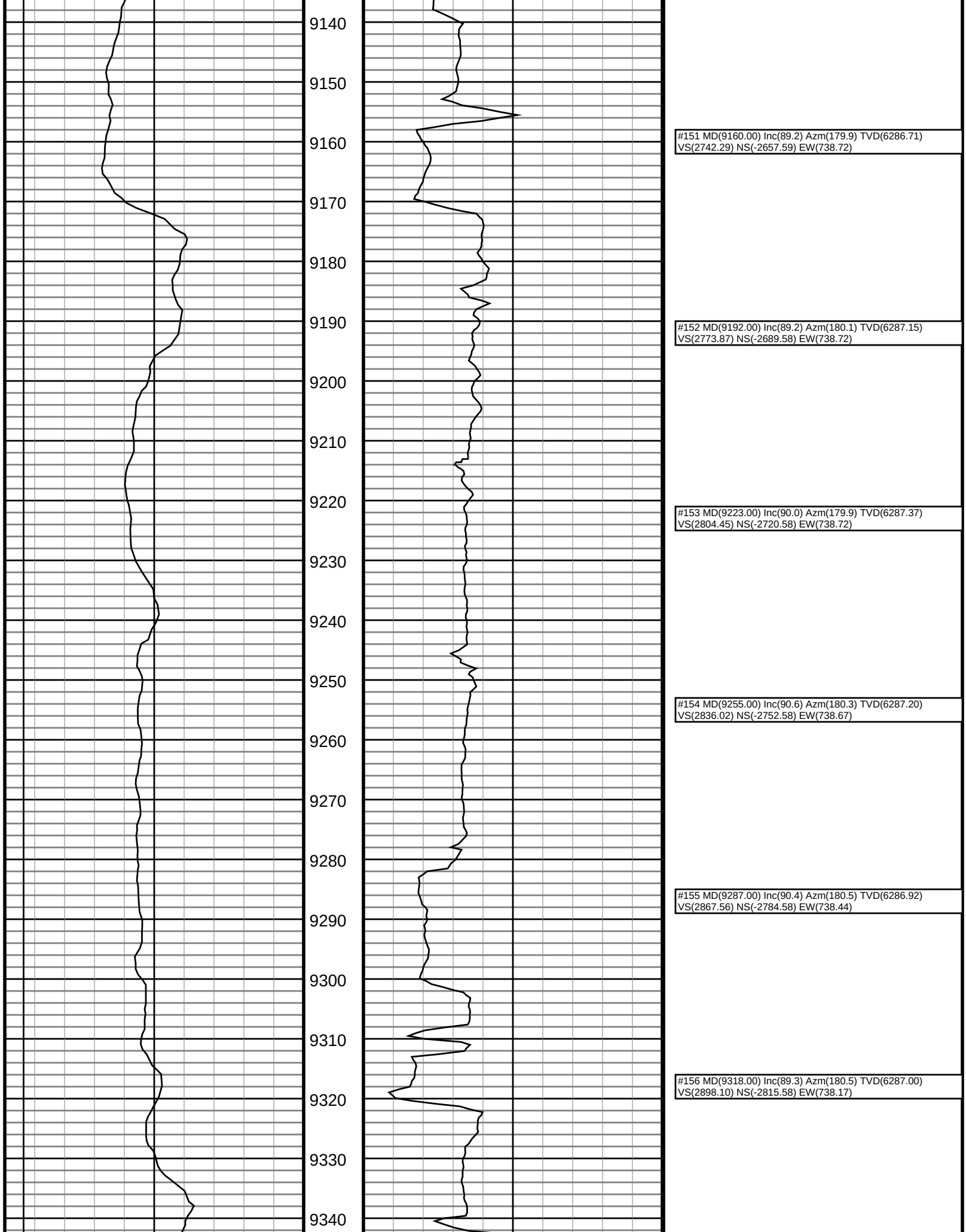
#145 MD(8971.00) Inc(92.2) Azm(181.7) TVD(6290.43)
VS(2556.20) NS(-2468.67) EW(740.64)
#146 MD(9002.00) Inc(92.1) Azm(181.5) TVD(6289.27)
VS(2586.61) NS(-2499.63) EW(739.77)
#147 MD(9034.00) Inc(91.7) Azm(180.5) TVD(6288.21)
VS(2618.07) NS(-2531.61) EW(739.21)
#148 MD(9065.00) Inc(91.5) Azm(180.5) TVD(6287.34)
VS(2648.60) NS(-2562.60) EW(738.94)
#149 MD(9097.00) Inc(90.8) Azm(180.3) TVD(6286.70)
VS(2680.13) NS(-2594.59) EW(738.72)
#150 MD(9128.00) Inc(90.0) Azm(179.9) TVD(6286.48)
VS(2710.71) NS(-2625.59) EW(738.67)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#152 MD(9192.00) Inc(89.2) Azm(180.1) TVD(6287.15)
VS(2773.87) NS(-2689.58) EW(738.72)
#153 MD(9223.00) Inc(90.0) Azm(179.9) TVD(6287.37)
VS(2804.45) NS(-2720.58) EW(738.72)
#154 MD(9255.00) Inc(90.6) Azm(180.3) TVD(6287.20)
VS(2836.02) NS(-2752.58) EW(738.67)
#155 MD(9287.00) Inc(90.4) Azm(180.5) TVD(6286.92)
VS(2867.56) NS(-2784.58) EW(738.44)
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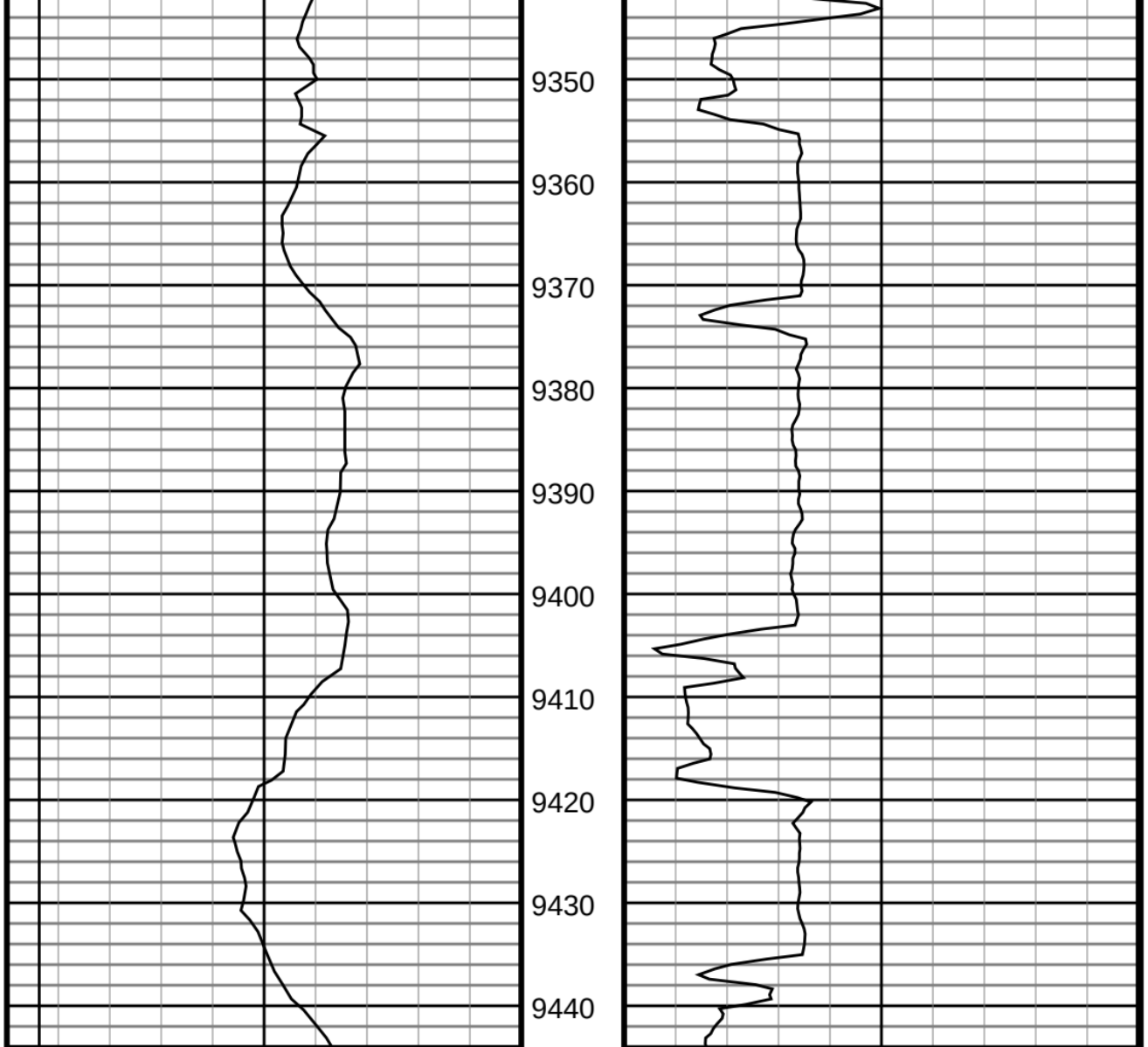
VS(2898.10) NS(-2815.58) EW(738.17)



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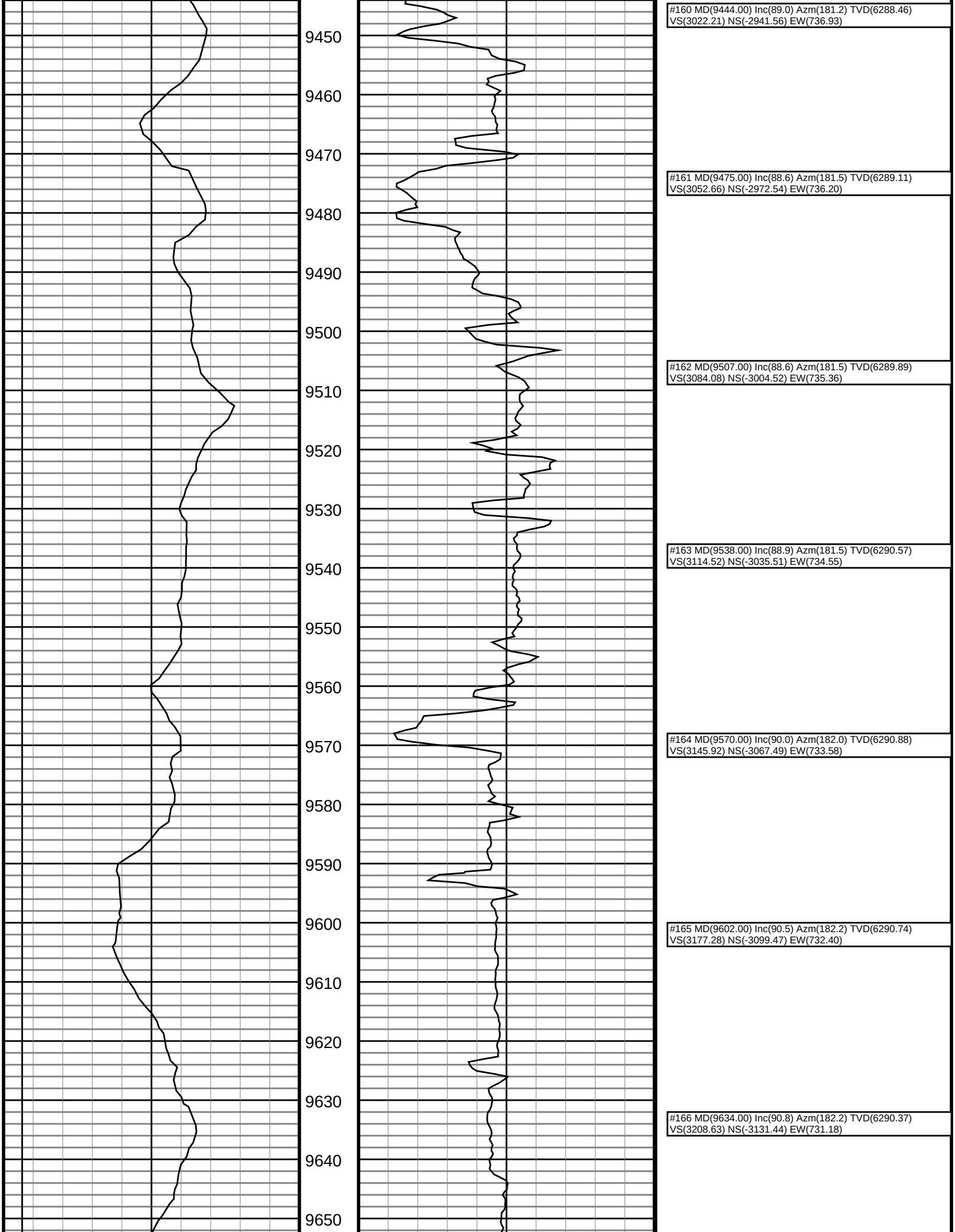
VS(2960.21) NS(-2878.57) EW(737.90)

#159 MD(9412.00) Inc(89.5) Azm(181.0) TVD(6288.04)
VS(2990.74) NS(-2909.57) EW(737.55)

#160 MD(9444.00) Inc(89.0) Azm(181.2) TVD(6288.46)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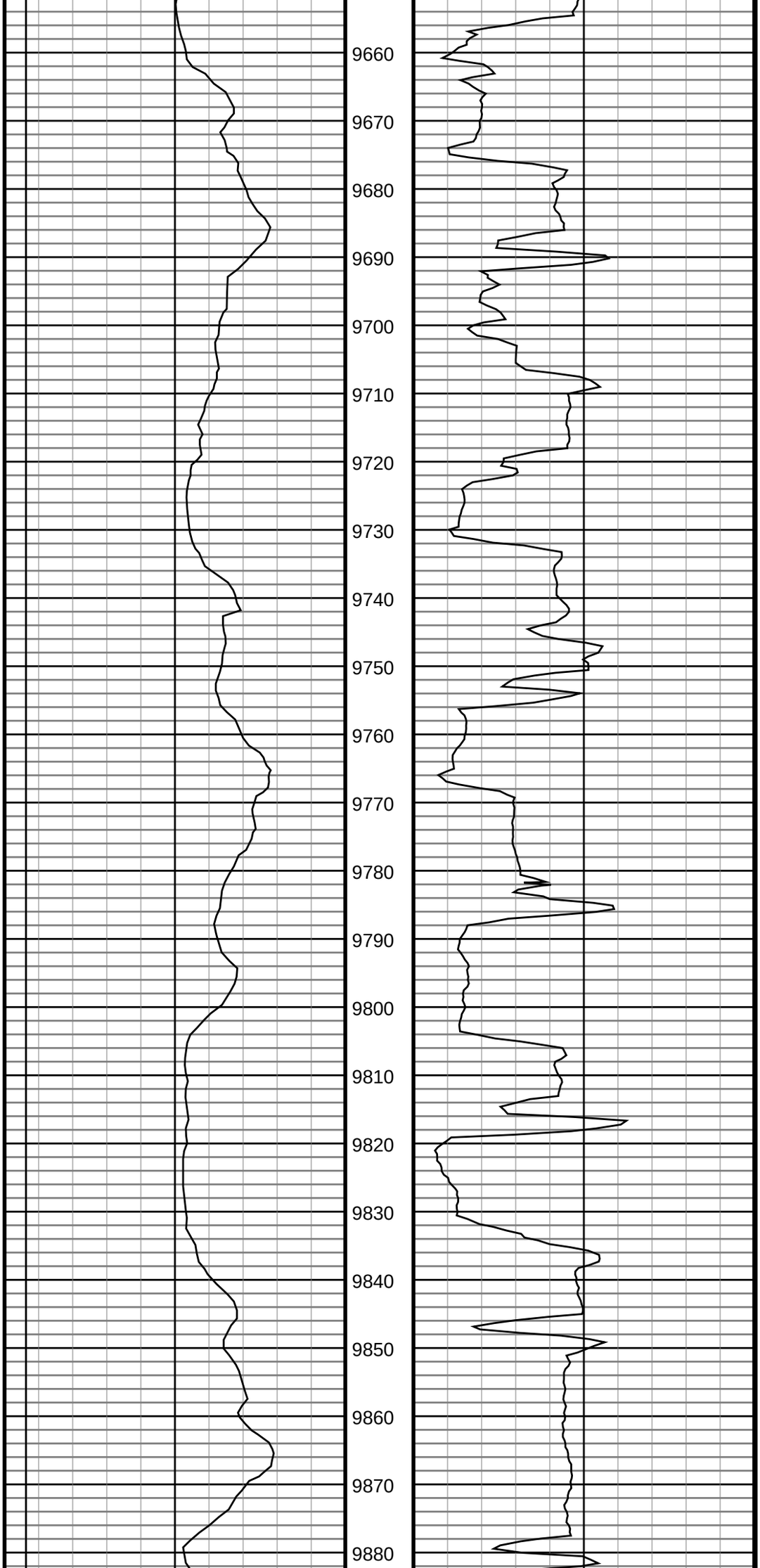
#160 MD(9444.00) Inc(89.0) Azm(181.2) TVD(6288.46)
VS(3022.21) NS(-2941.56) EW(736.93)
#161 MD(9475.00) Inc(88.6) Azm(181.5) TVD(6289.11)
VS(3052.66) NS(-2972.54) EW(736.20)
#162 MD(9507.00) Inc(88.6) Azm(181.5) TVD(6289.89)
VS(3084.08) NS(-3004.52) EW(735.36)
#163 MD(9538.00) Inc(88.9) Azm(181.5) TVD(6290.57)
VS(3114.52) NS(-3035.51) EW(734.55)
#164 MD(9570.00) Inc(90.0) Azm(182.0) TVD(6290.88)
VS(3145.92) NS(-3067.49) EW(733.58)
#165 MD(9602.00) Inc(90.5) Azm(182.2) TVD(6290.74)
VS(3177.28) NS(-3099.47) EW(732.40)
#166 MD(9634.00) Inc(90.8) Azm(182.2) TVD(6290.37)
VS(3208.63) NS(-3131.44) EW(731.18)



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#168 MD(9697.00) Inc(90.8) Azm(181.2) TVD(6289.71)
VS(3270.38) NS(-3194.40) EW(728.93)

#169 MD(9729.00) Inc(91.0) Azm(180.8) TVD(6289.21)
VS(3301.86) NS(-3226.39) EW(728.37)

#170 MD(9761.00) Inc(91.2) Azm(180.6) TVD(6288.60)
VS(3333.36) NS(-3258.38) EW(727.98)

#171 MD(9792.00) Inc(90.7) Azm(179.6) TVD(6288.08)
VS(3363.93) NS(-3289.37) EW(727.92)

#172 MD(9825.00) Inc(89.9) Azm(179.1) TVD(6287.91)
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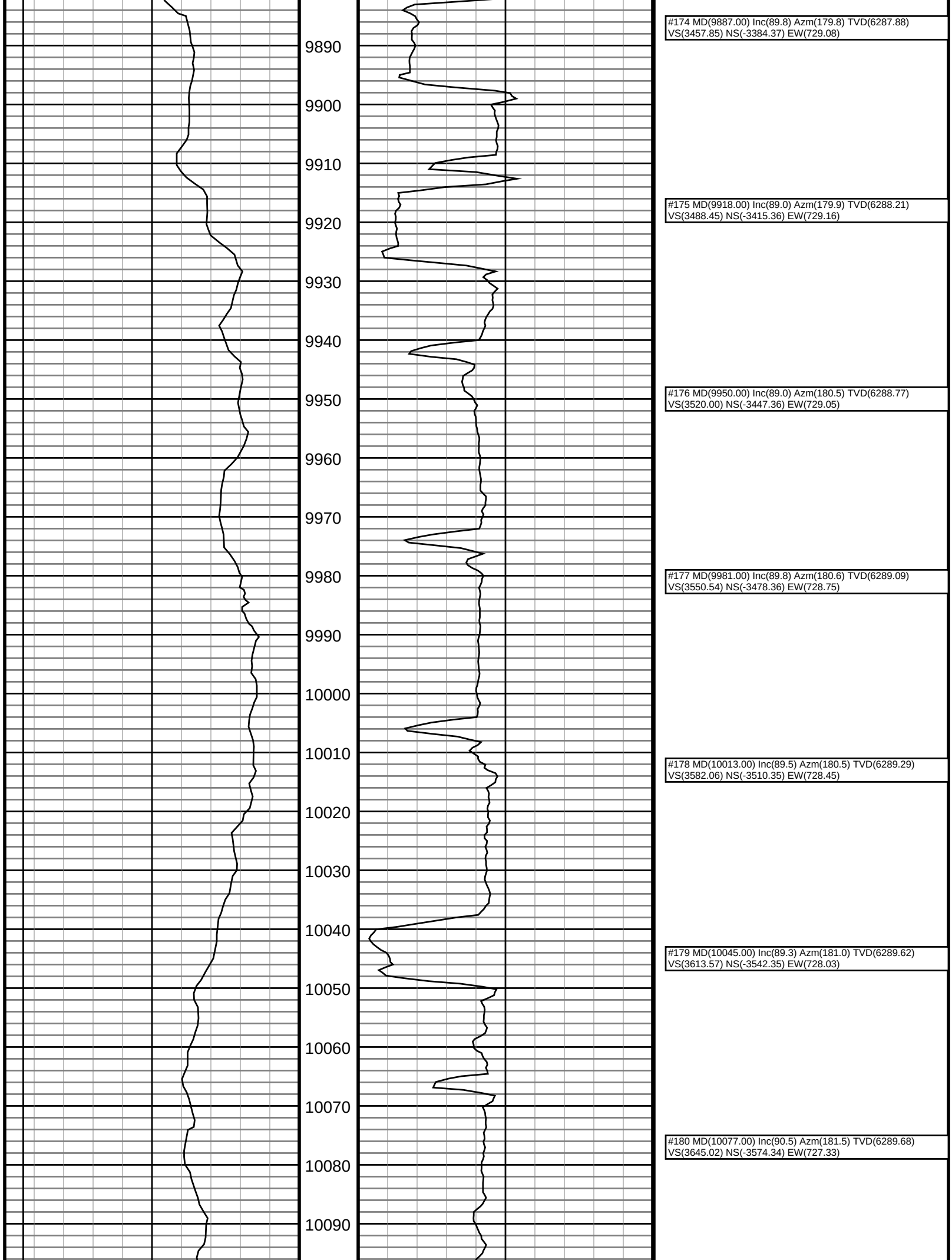
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#174 MD(9887.00) Inc(89.8) Azm(179.8) TVD(6287.88)
VS(3457.85) NS(-3384.37) EW(729.08)
#175 MD(9918.00) Inc(89.0) Azm(179.9) TVD(6288.21)
VS(3488.45) NS(-3415.36) EW(729.16)
#176 MD(9950.00) Inc(89.0) Azm(180.5) TVD(6288.77)
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#177 MD(9981.00) Inc(89.8) Azm(180.6) TVD(6289.09)
VS(3550.54) NS(-3478.36) EW(728.75)
#178 MD(10013.00) Inc(89.5) Azm(180.5) TVD(6289.29)
VS(3582.06) NS(-3510.35) EW(728.45)
#179 MD(10045.00) Inc(89.3) Azm(181.0) TVD(6289.62)
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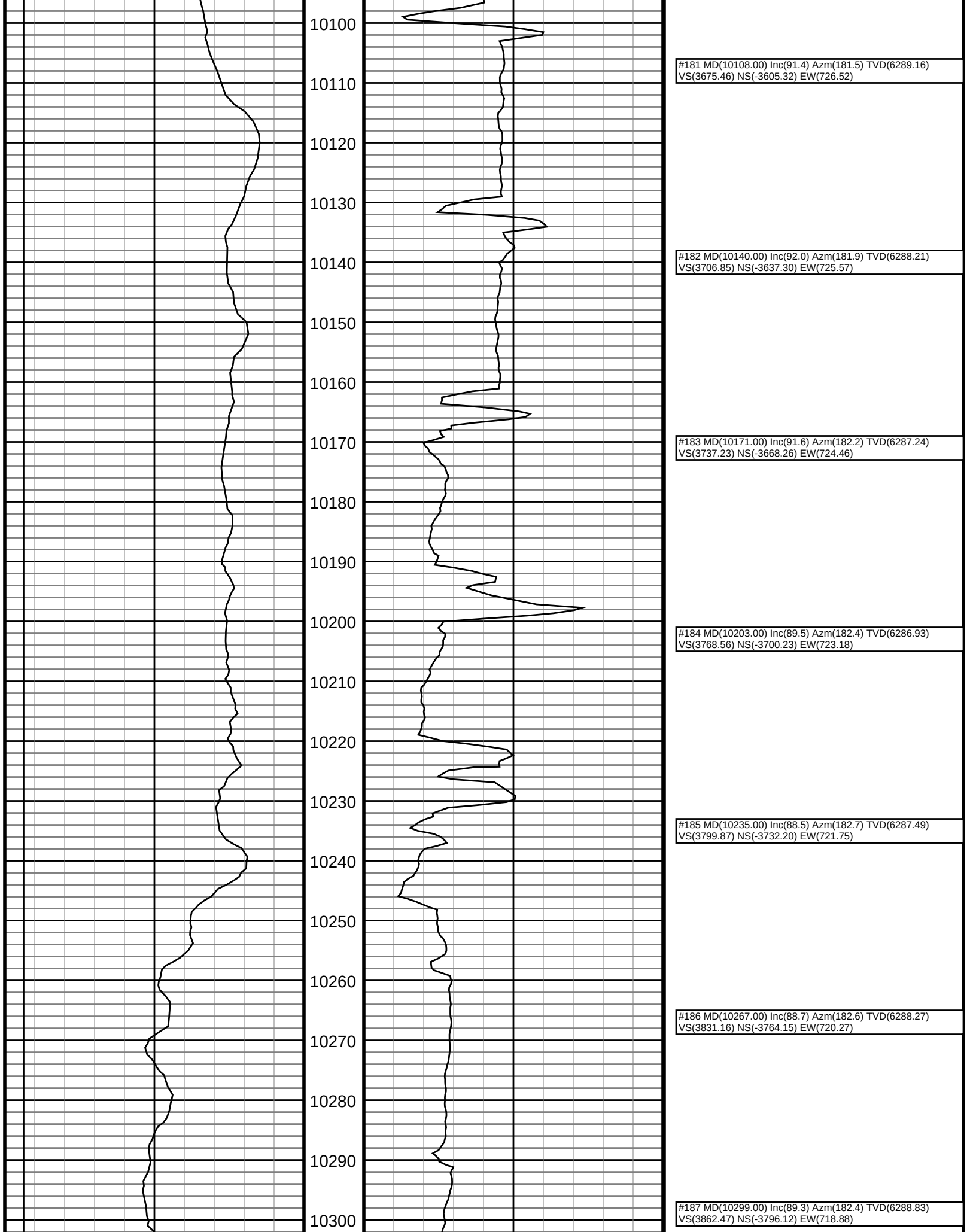
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VS(3706.85) NS(-3637.30) EW(725.57)
#183 MD(10171.00) Inc(91.6) Azm(182.2) TVD(6287.24)
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#184 MD(10203.00) Inc(89.5) Azm(182.4) TVD(6286.93)
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#185 MD(10235.00) Inc(88.5) Azm(182.7) TVD(6287.49)
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#186 MD(10267.00) Inc(88.7) Azm(182.6) TVD(6288.27)
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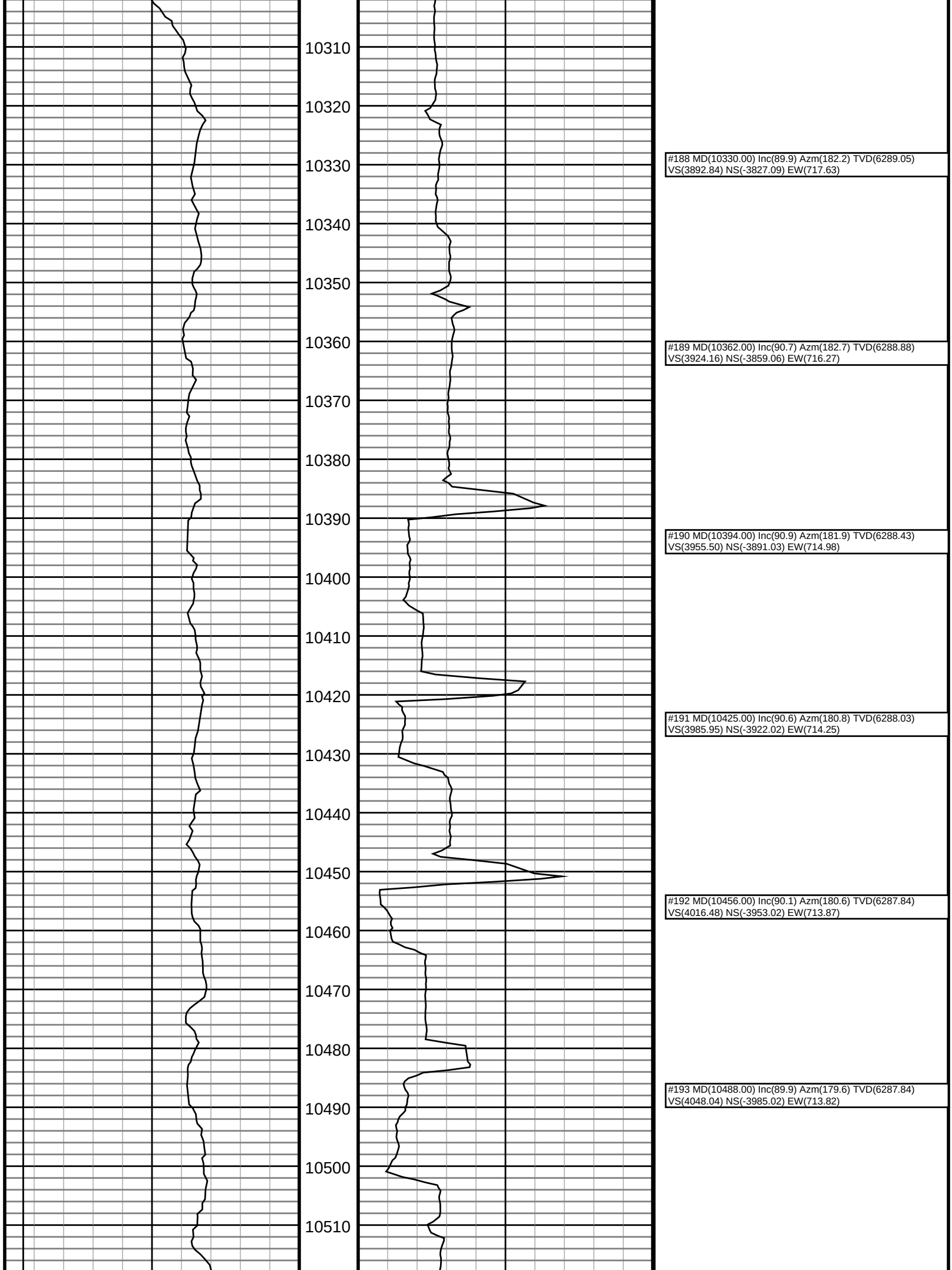
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VS(3924.16) NS(-3859.06) EW(716.27)
#190 MD(10394.00) Inc(90.9) Azm(181.9) TVD(6288.43)
VS(3955.50) NS(-3891.03) EW(714.98)
#191 MD(10425.00) Inc(90.6) Azm(180.8) TVD(6288.03)
VS(3985.95) NS(-3922.02) EW(714.25)
#192 MD(10456.00) Inc(90.1) Azm(180.6) TVD(6287.84)
VS(4016.48) NS(-3953.02) EW(713.87)
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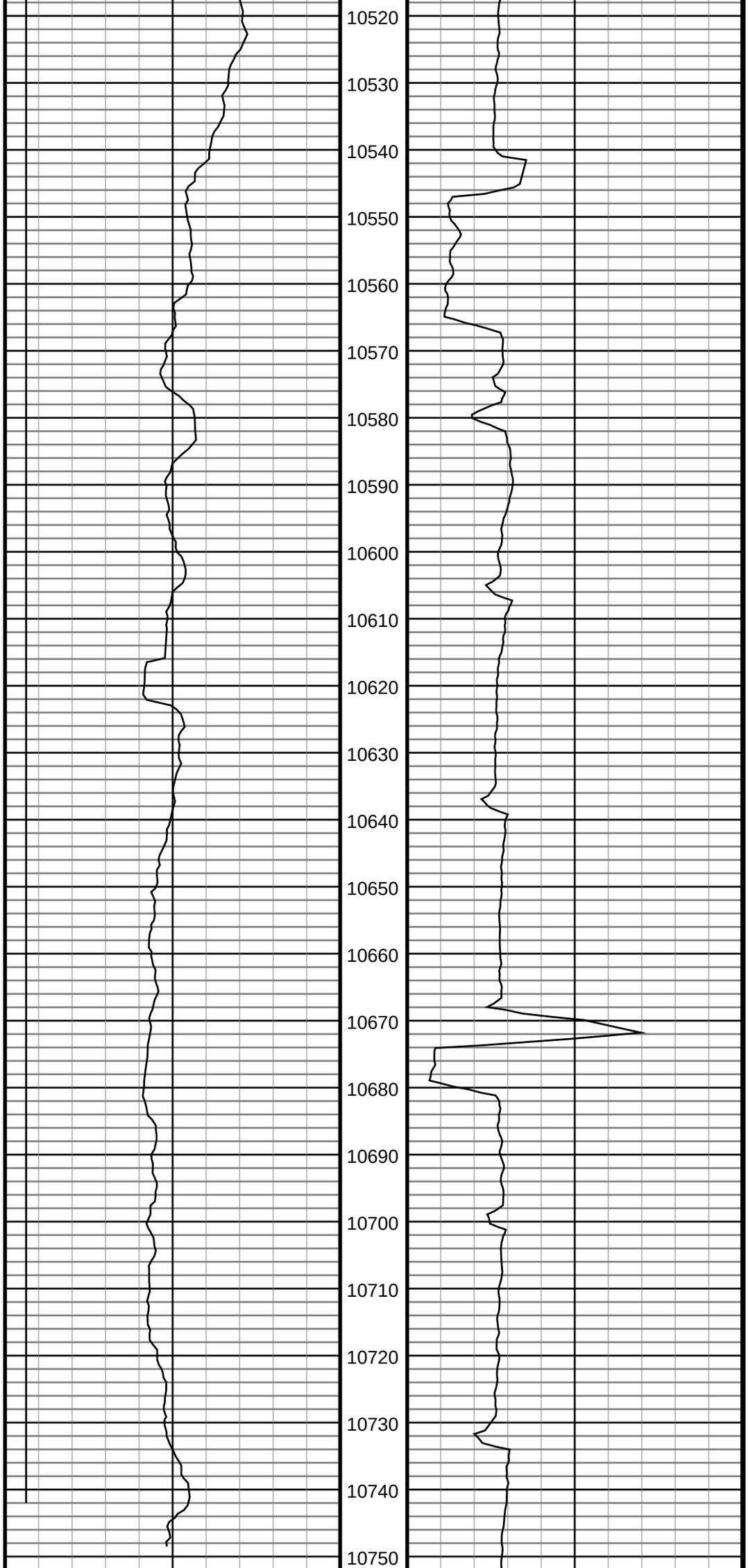

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#196 MD(10583.00) Inc(88.9) Azm(177.8) TVD(6288.50)
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#197 MD(10615.00) Inc(89.6) Azm(178.0) TVD(6288.92)
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#199 MD(10678.00) Inc(90.2) Azm(178.0) TVD(6288.91)
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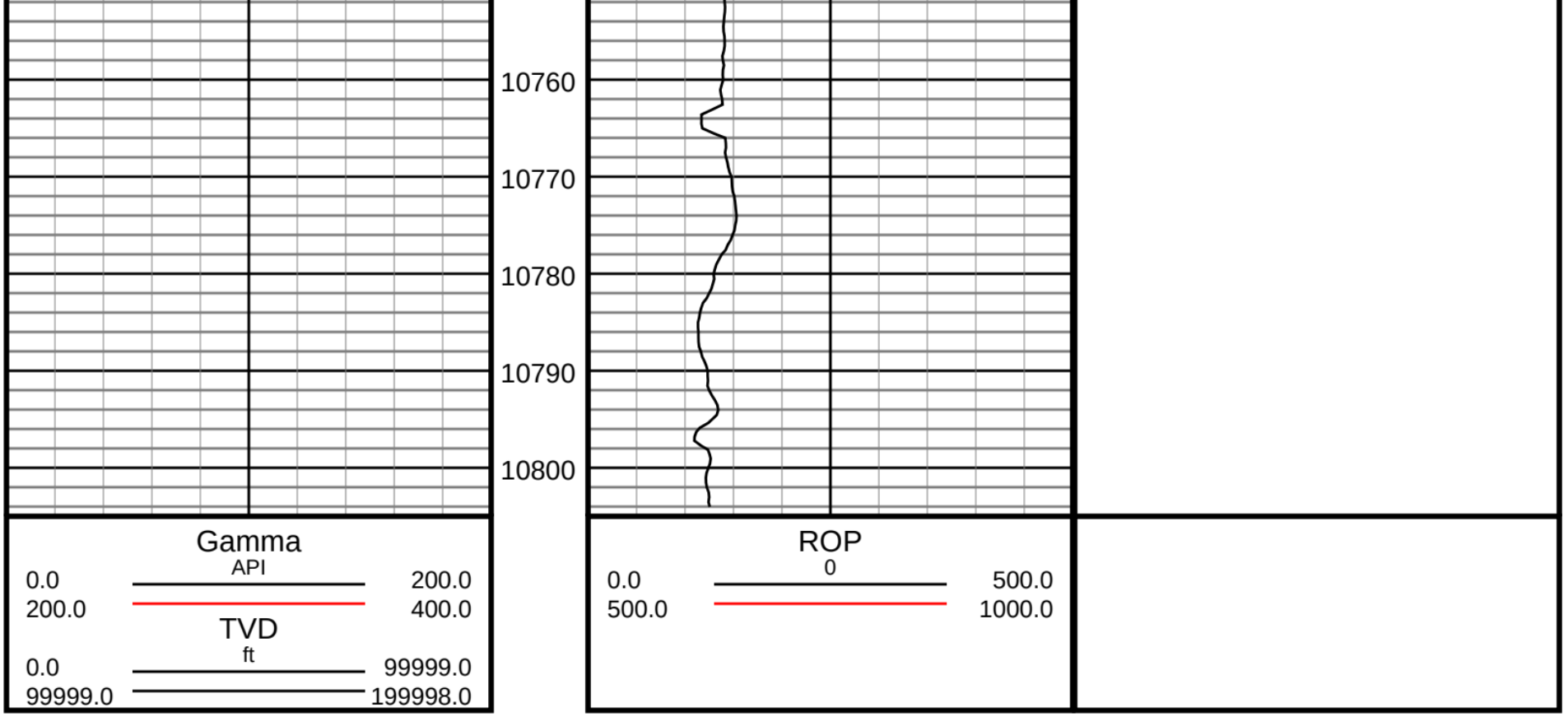
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