

5" = 100' MD

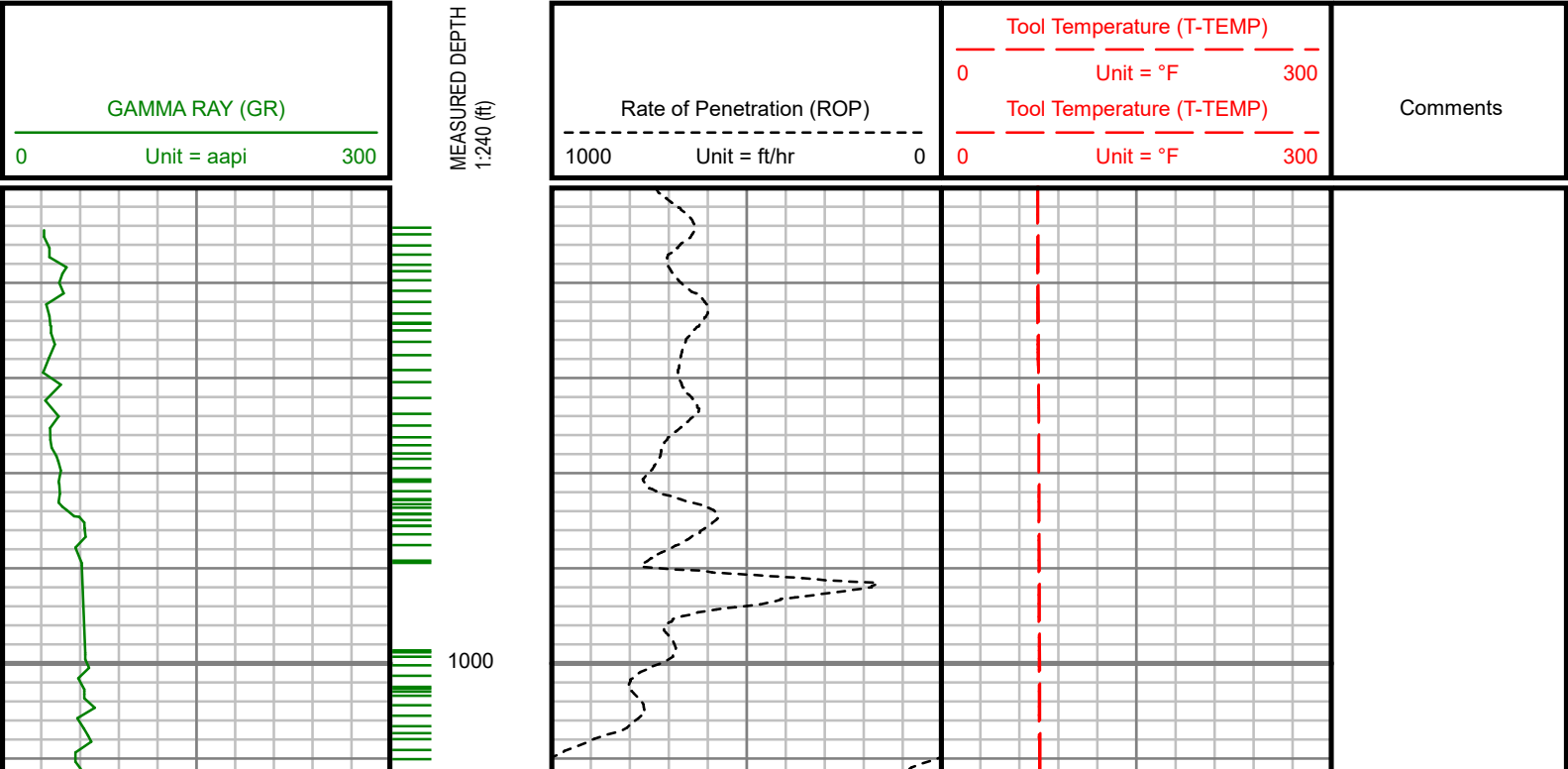
COMPANY : BILL BARRETT CORP. WELL : ANSCHUTZ WILLIAMS 5-61-27-0108BNB FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-45704										WELL LOCATION LAT:40°22'35.018"N LONG:104°12'12.960"W N:1382600.98 ft E:3361173.68 ft SEC:27 TWP:5N RANGE:61W										OTHER SERVICES DIRECTIONAL ROP									
DEPTH REF. : RKB REF. HEIGHT : 16.500 ft GROUND LEVEL : 4621.600 ft										RKB to Ground Level G.I. to MEAN SEA LEVEL																			
BOREHOLE RECORD															DEVIATION RECORD														
HOLE SIZE in		FROM ft		TO ft		INCLINATION deg		FROM ft		TO ft																			
12.75		0		990		0 - 2		0		990																			
8.75		990		6542		2 - 28		990		2615																			
6.125		6542		16329		28 - 0		2615		5708																			
						0 - 90		5708		6529																			
						90 +/- 3		6529		16329																			
CASING RECORD																													
CASING SIZE in		FROM ft		TO ft																									
9.625		0		971																									
7		971		6527																									

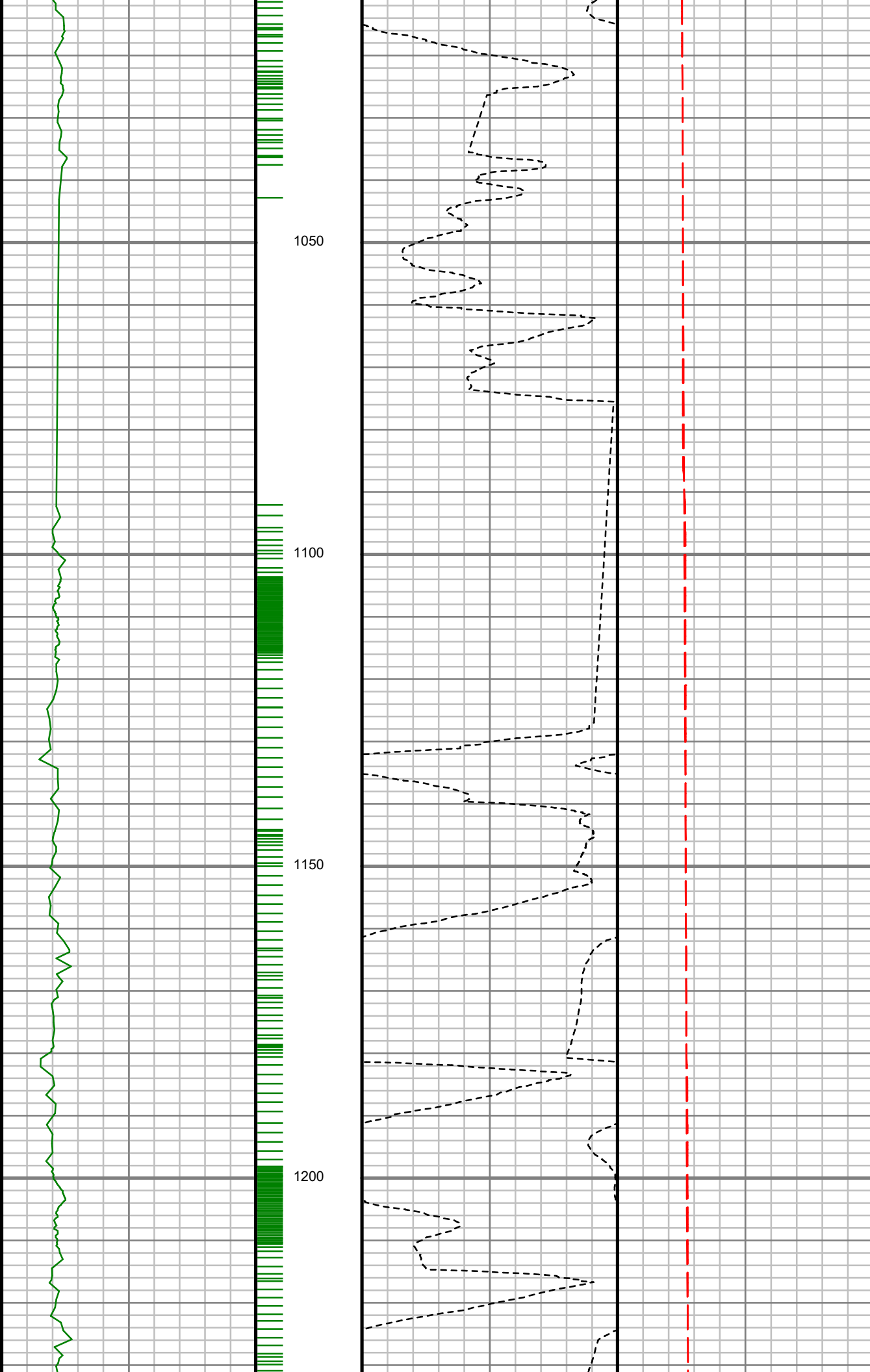
Run Data						
RUN NUMBER	1	2	3			
START DATE	1/13/2018	1/14/2018	1/16/2018			
START TIME	10:55	15:59	01:38			
END DATE	1/13/2018	1/15/2018	1/20/2018			
END TIME	16:44	23:15				
DEPTH IN (ft)	96	990	6542			
DEPTH OUT (ft)	990	6542	16329			
LOG TOP (ft)	-	990	6506			
LOG BOTTOM (ft)	-	6506	16279			
HOLE SIZE (in)	13.25	8.5	6.125			
MUD DATA @ (ft)	-	5774	14798			
MUD TYPE	FRESH WATER	WATER BASED	WATER BASED			
DENSITY (lb / gal)	-	9.95	9.2			
VISCOSITY (s / qt)	-	14	30			
pH	-	8.5	7.1			
FLUID LOSS (cm3 / 30)	-	-	-			
SALINITY (ppm)	-	650	400			
Rm (ohmm @ deg F)	-	-	-			
Rmf (ohmm @ deg F)	-	-	-			
MAX TEMP (deg F)	81	110	225			
Rm @ MAX TEMP (ohmm)	-	-	-			
LWD ENGINEER #1	S. JOHNSON	S. JOHNSON	M. POTTER			
LWD ENGINEER #2	M. POTTER	M. POTTER	S. GRAY			
LWD ENGINEER #3	-	-	-			
LOG WITNESS #1	D. MOORE	D. MOORE	D. MOORE			
LOG WITNESS #2	-	-	-			

Remarks
BILL BARRETT CORP. AFE# 19821D
SCIENTIFIC DRILLING INTERNATIONAL JOB# OP.007330
ALL REFERENCES IN THE DEPTH TRACK ARE AT BIT DEPTH.
ALL DATA IS MEMORY DATA UNLESS STATED OTHERWISE.
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO GAMMA RAY CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO RATE OF PENETRATION CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO TOOL TEMPERATURE CURVE
RUN #1 : MWD /DIRECTIONAL ONLY RUN
SENSORS S/N: PULSER = 128-232 / CONT = 715 / MWD EYE = 1485 / PRT = 366
BIT TO SENSOR OFFSETS: SURVEY = 67.35 FT.
RUN #2 : MWD /GAMMA RAY / PROPAGATION RESISTIVITY LOGGING RUN
SENSORS S/N: PULSER = 128-277 / CONT = 715 / MWD EYE = 1485 / PRT = 366 / GAMMA RAY = 1413
BIT TO SENSOR OFFSETS: SURVEY = 53.16 FT. PRT = 42.31 FT. GAMMA RAY = 36.57 FT.
RUN # : MWD /GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 78-296 / CONT = 715 / MWD EYE = 1485 / PRT = 366 / GAMMA RAY = 1413
BIT TO SENSOR OFFSETS: SURVEY = 54.85 FT. GAMMA RAY = 50.85 FT.
MNEMONICS LIST:
GR = GAMMA RAY
ROP = RATE OF PENETRATION
T-TEMP = TOOL TEMPERATURE

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions as set out in our current price schedule.

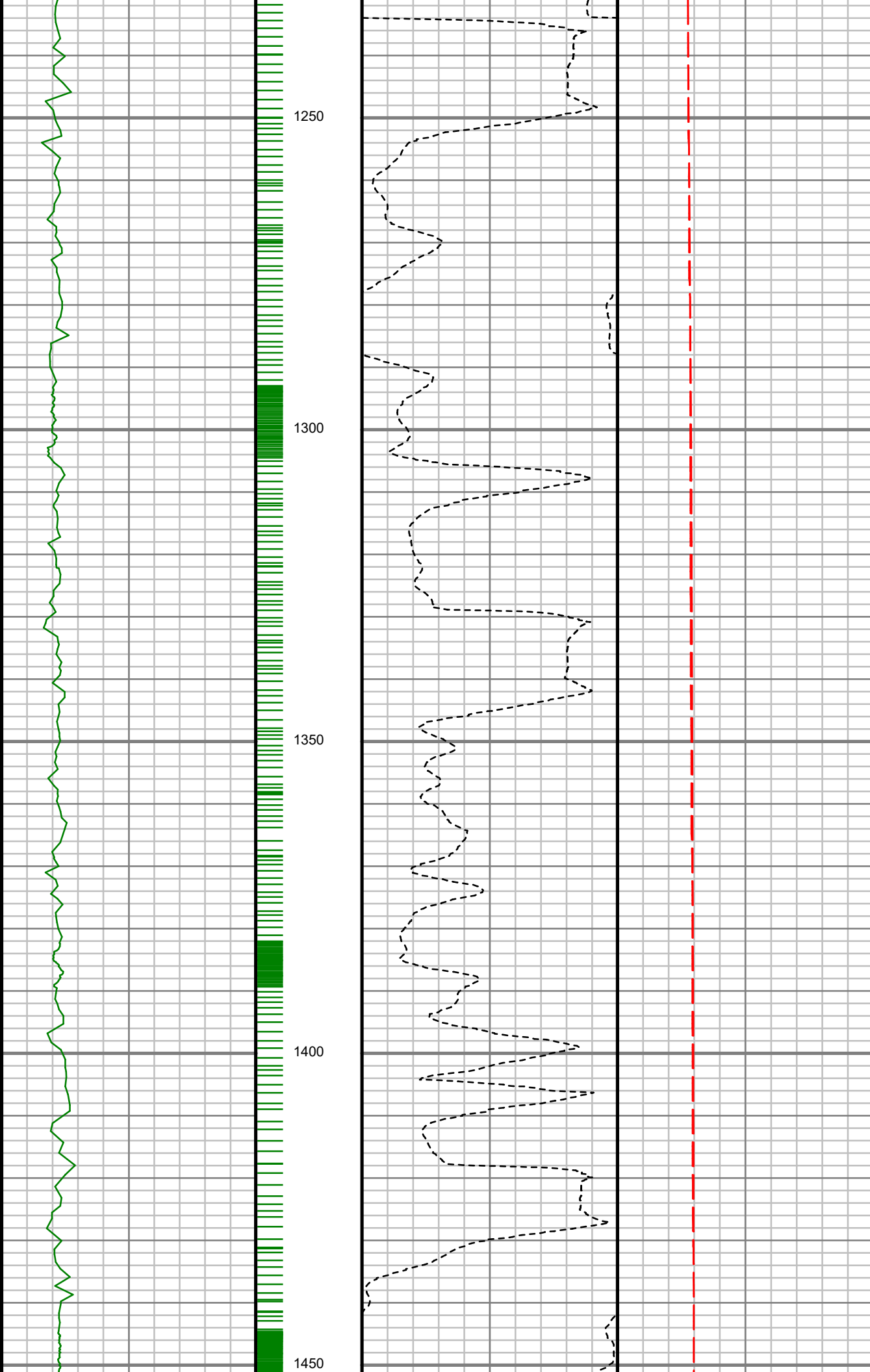
BILL BARRETT CORP.
ANSCHUTZ WILLIAMS 5-61-27-0108BNB
WATTENBERG FIELD
WELD COUNTY, COLORADO
05-123-45704





MD: 1071.00 ft Inc:
3.86 deg Az: 349.68
deg TVD: 1069.60 ft

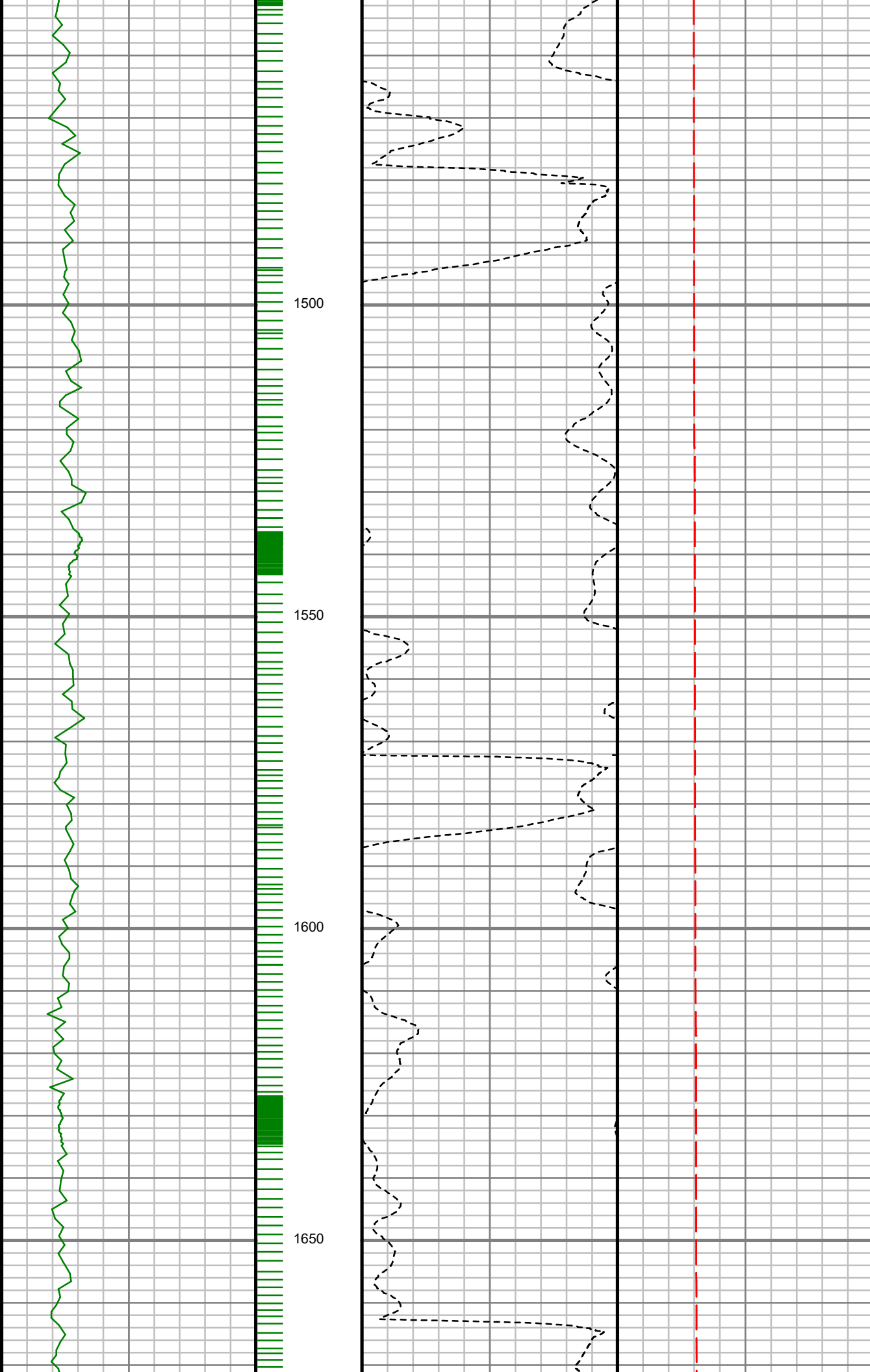
MD: 1162.00 ft Inc: 5.56
deg Az: 353.54 deg
TVD: 1160.29 ft



MD: 1253.00 ft Inc:
7.38 deg Az: 335.37
deg TVD: 1250.72 ft

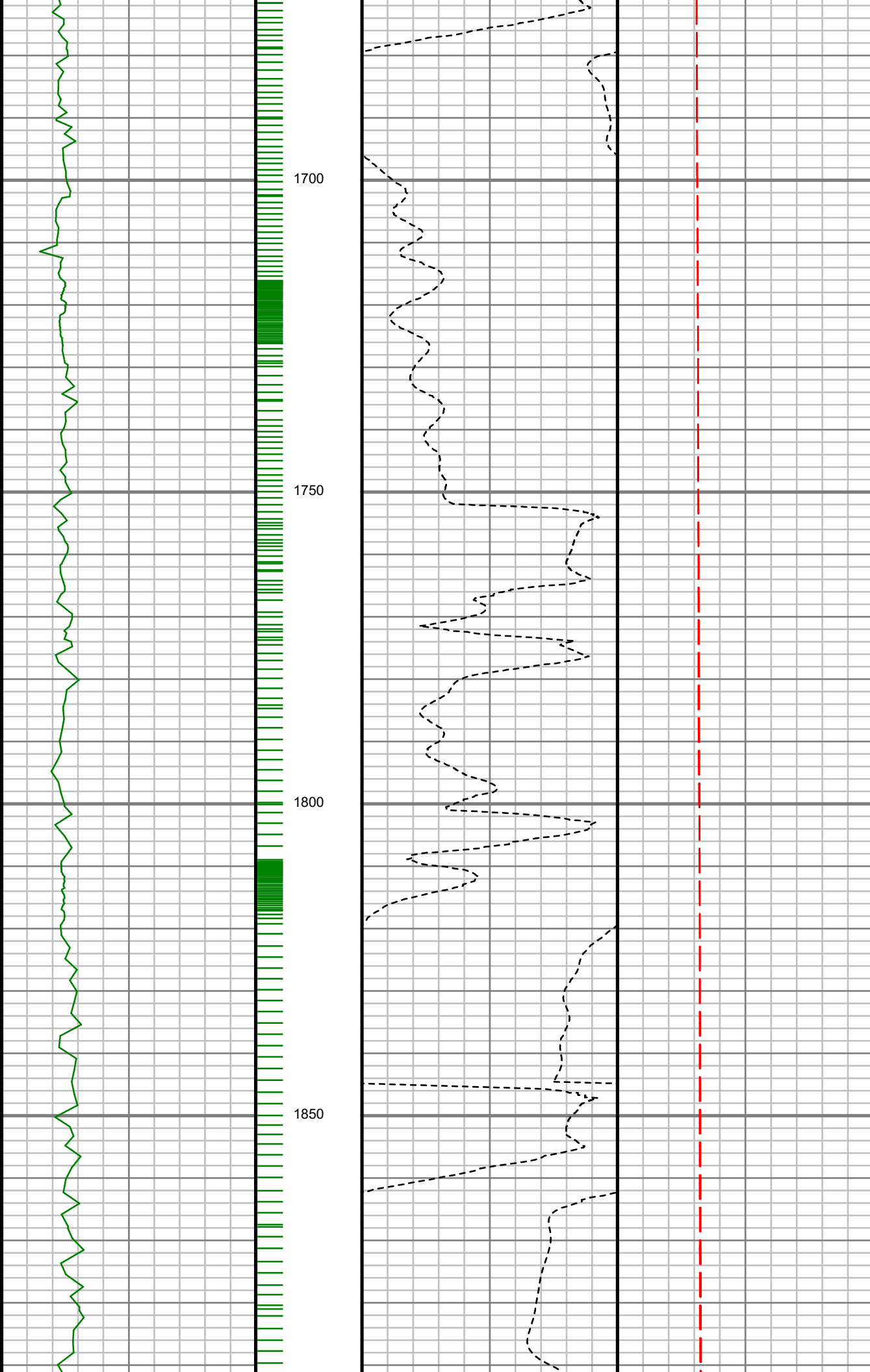
MD: 1344.00 ft Inc:
10.45 deg Az: 328.95
deg TVD: 1340.61 ft

MD: 1434.00 ft Inc:
12.94 deg Az: 336.16
deg TVD: 1428.74 ft



MD: 1525.00 ft Inc:
14.31 deg Az: 343.98
deg TVD: 1517.19 ft

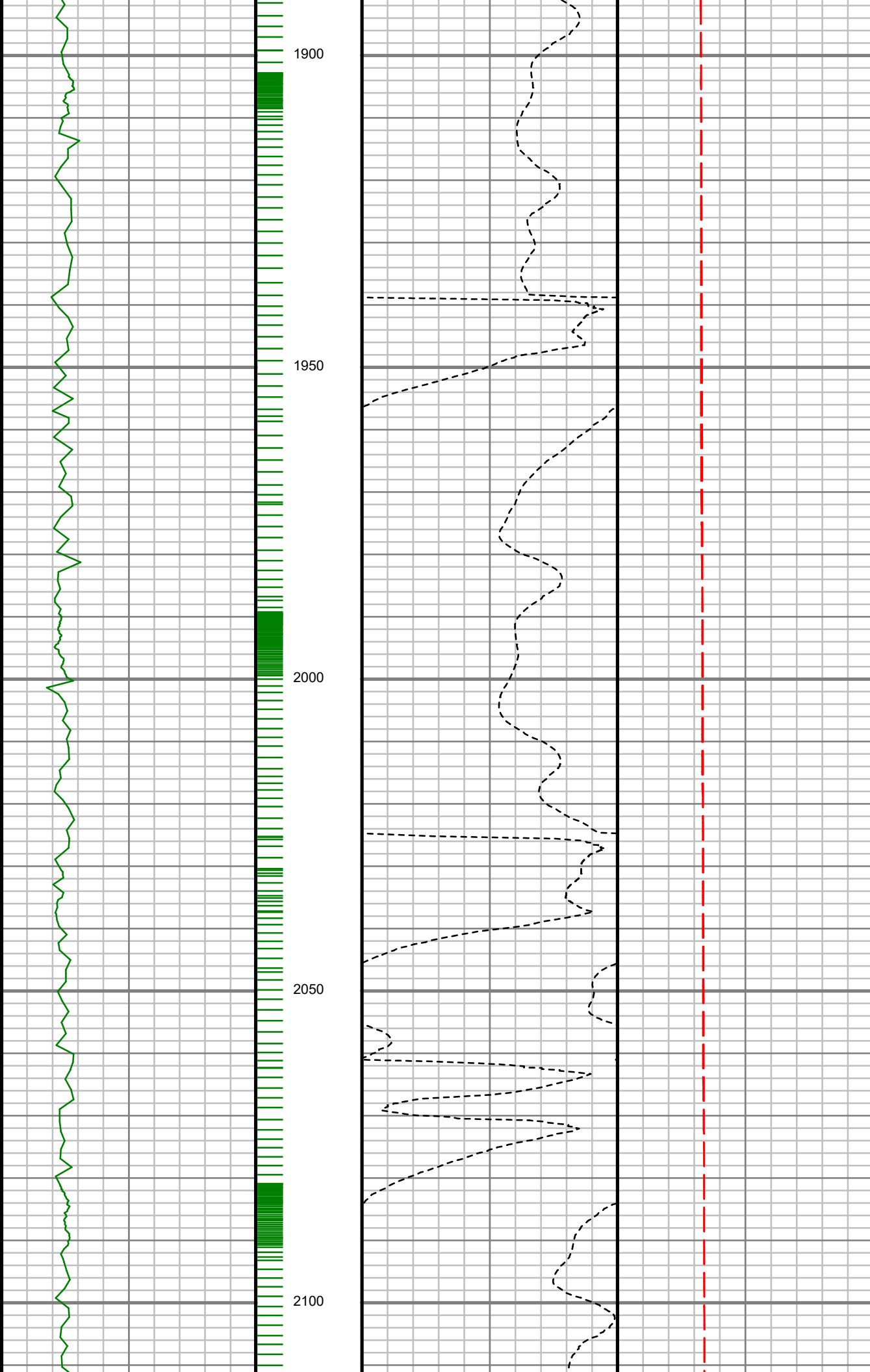
MD: 1616.00 ft Inc:
15.20 deg Az: 346.23
deg TVD: 1605.19 ft



MD: 1707.00 ft Inc:
16.59 deg Az: 341.64
deg TVD: 1692.71 ft

MD: 1798.00 ft Inc:
18.40 deg Az: 341.29
deg TVD: 1779.50 ft

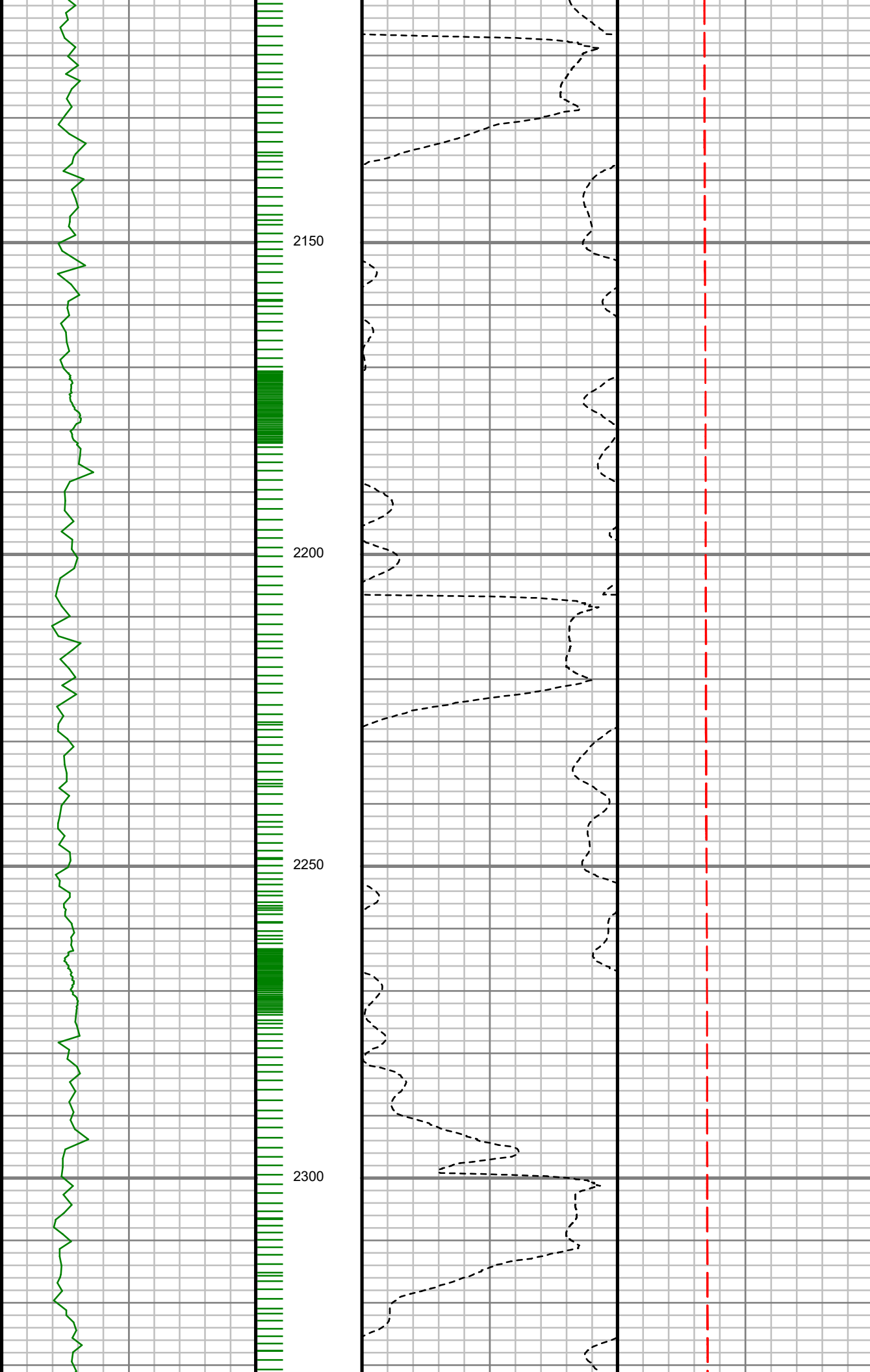
MD: 1889.00 ft Inc:



19.41 deg Az: 340.78
deg TVD: 1865.59 ft

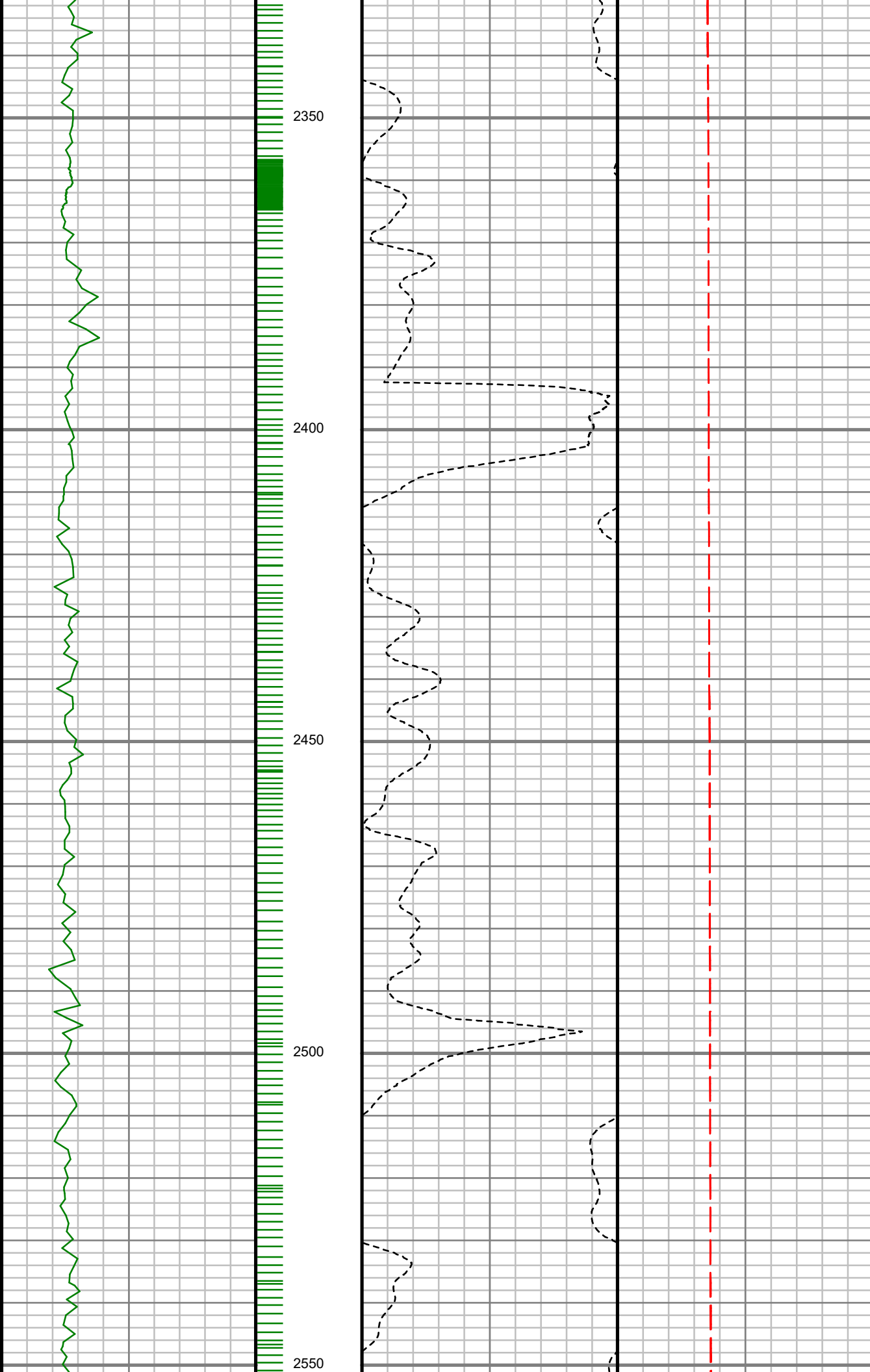
MD: 1980.00 ft Inc:
20.10 deg Az: 338.87
deg TVD: 1951.23 ft

MD: 2072.00 ft Inc:
21.80 deg Az: 338.63
deg TVD: 2037.15 ft



MD: 2163.00 ft Inc:
23.71 deg Az: 336.59
deg TVD: 2121.06 ft

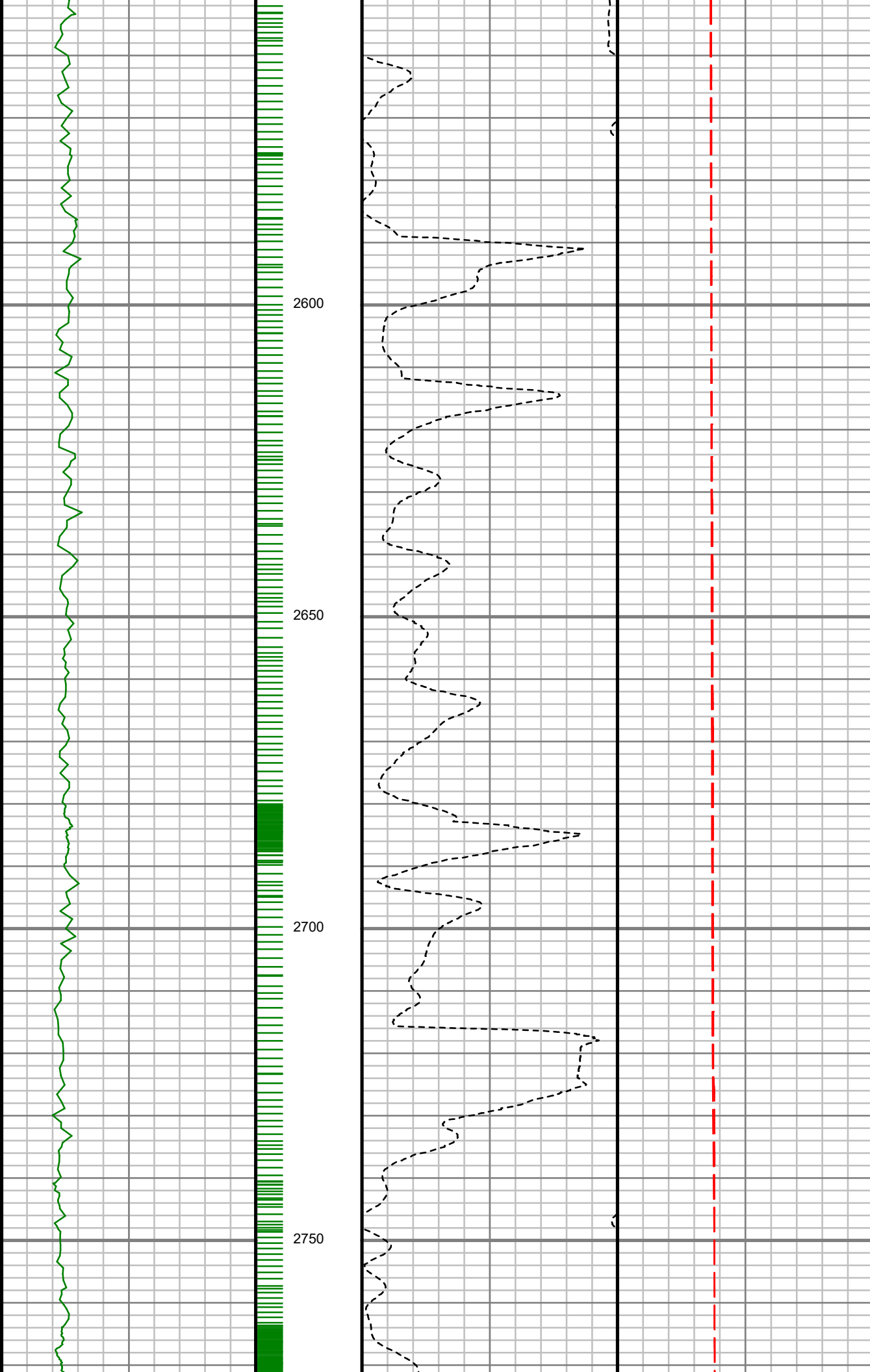
MD: 2254.00 ft Inc:
25.79 deg Az: 334.03
deg TVD: 2203.70 ft



MD: 2346.00 ft Inc:
27.43 deg Az: 333.44
deg TVD: 2285.96 ft

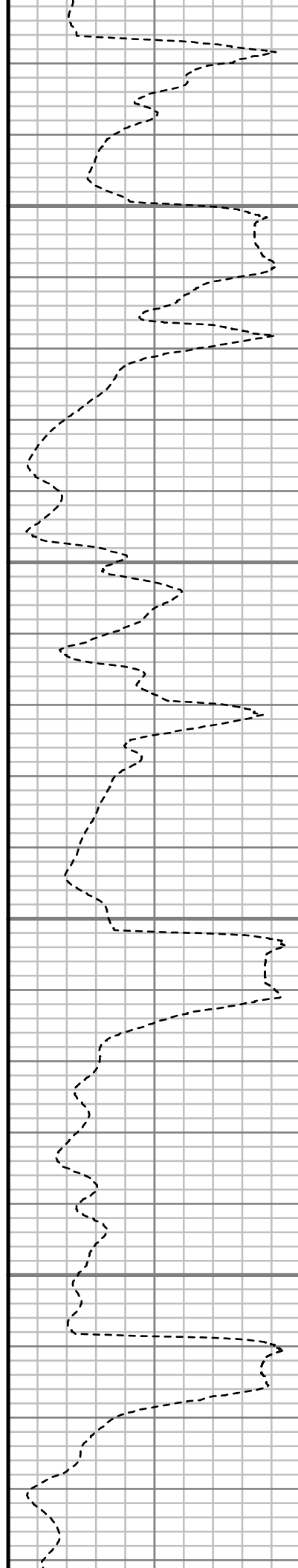
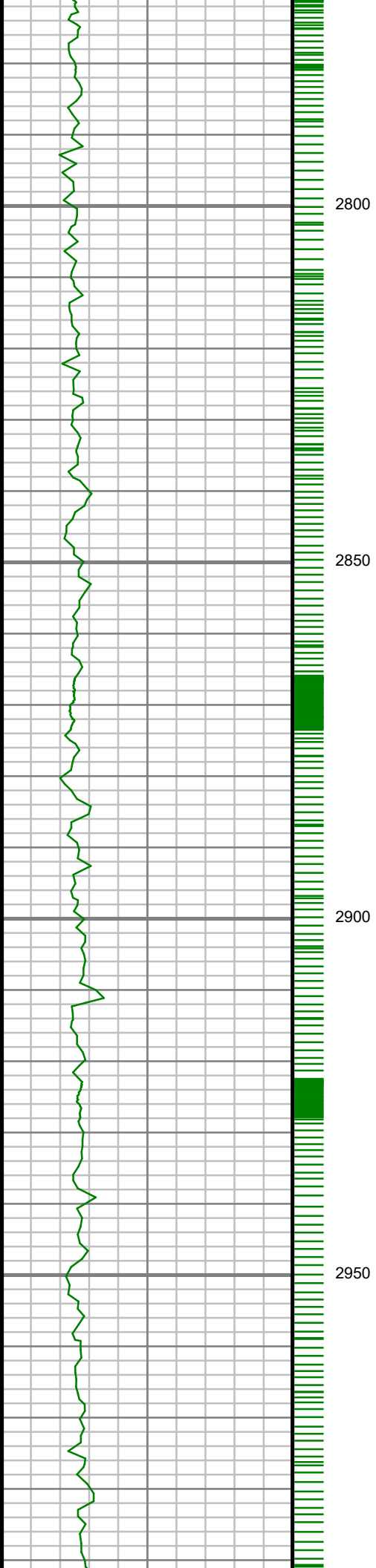
MD: 2439.00 ft Inc:
27.95 deg Az: 333.42
deg TVD: 2368.31 ft

MD: 2534.00 ft Inc:
27.50 deg Az: 334.10
deg TVD: 2452.40 ft



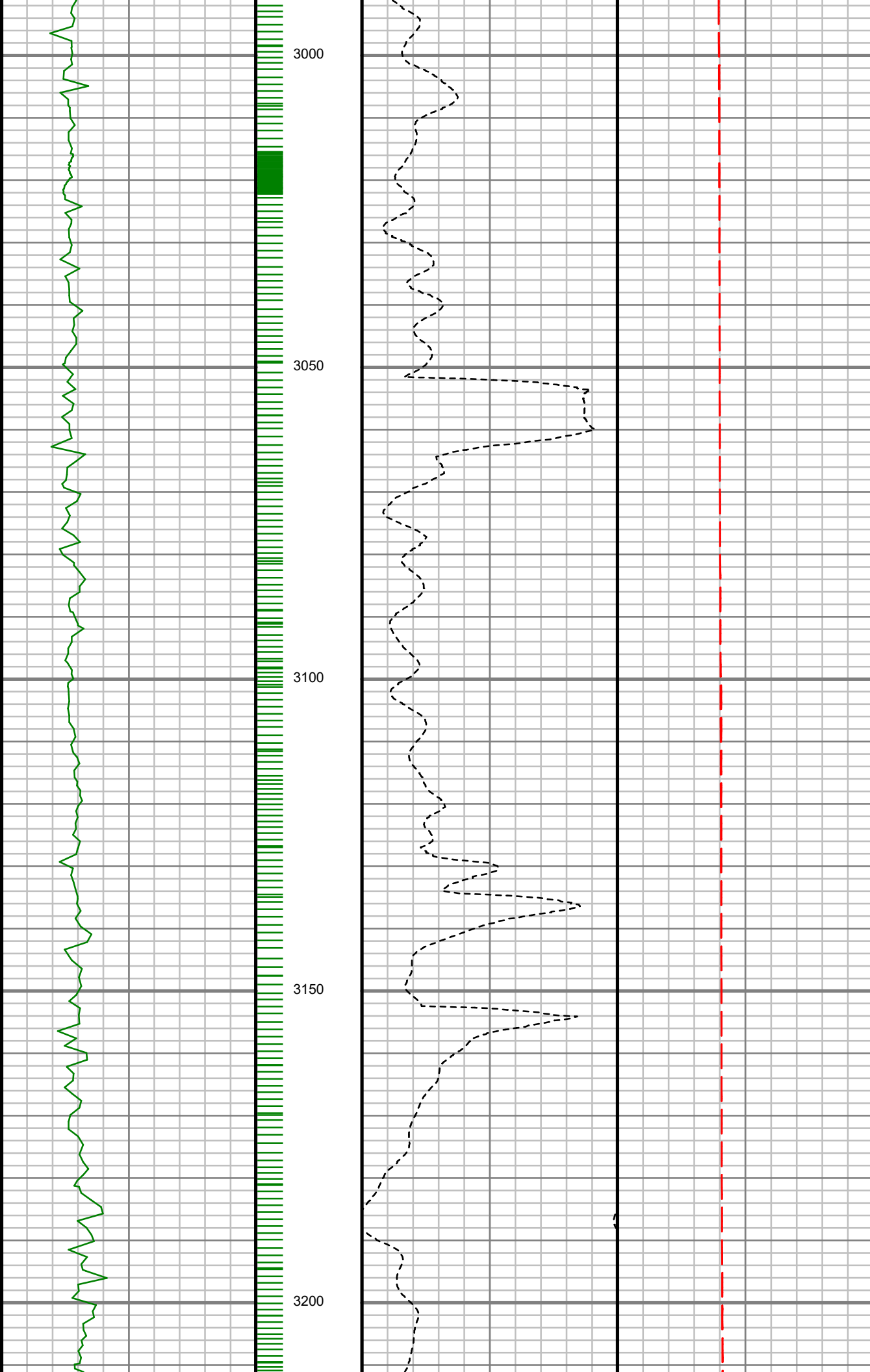
MD: 2627.00 ft Inc:
27.01 deg Az: 334.18
deg TVD: 2535.07 ft

MD: 2721.00 ft Inc:
25.42 deg Az: 333.53
deg TVD: 2619.40 ft



MD: 2815.00 ft Inc:
24.41 deg Az: 338.50
deg TVD: 2704.66 ft

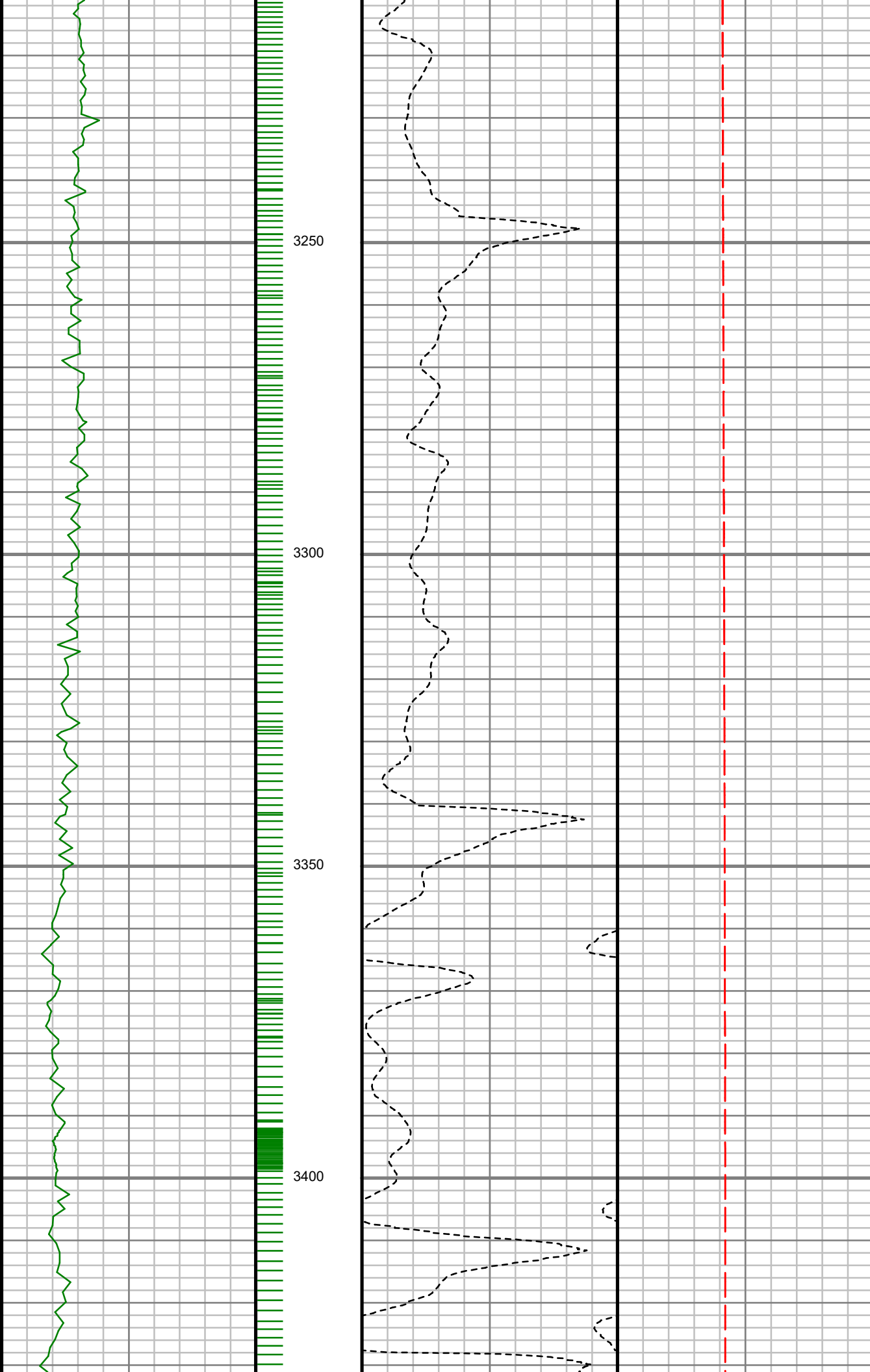
MD: 2909.00 ft Inc:
22.95 deg Az: 340.81
deg TVD: 2790.74 ft



MD: 3003.00 ft Inc:
21.56 deg Az: 338.58
deg TVD: 2877.74 ft

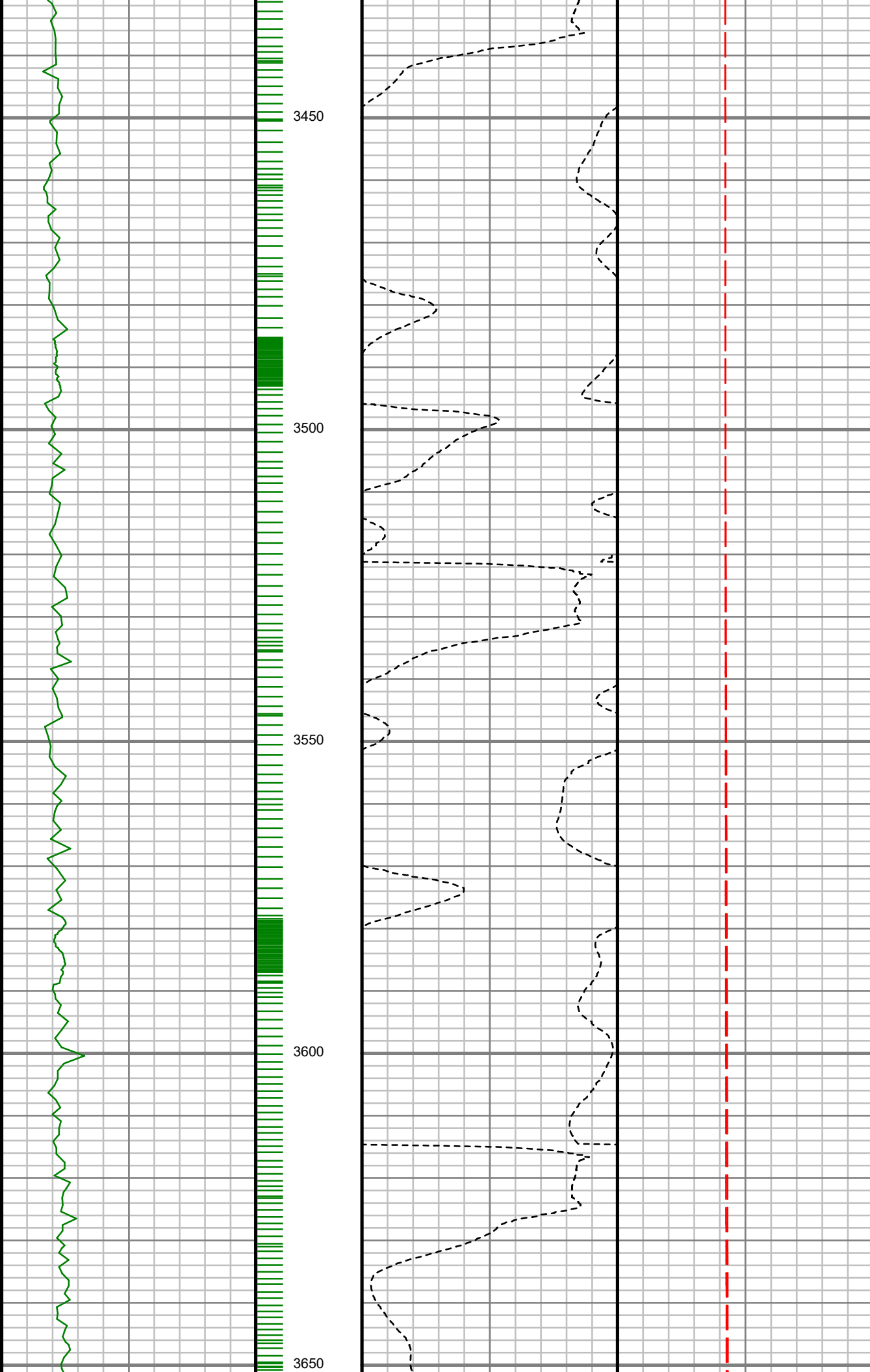
MD: 3097.00 ft Inc:
19.32 deg Az: 337.13
deg TVD: 2965.81 ft

MD: 3191.00 ft Inc:
18.60 deg Az: 337.43
deg TVD: 3054.71 ft



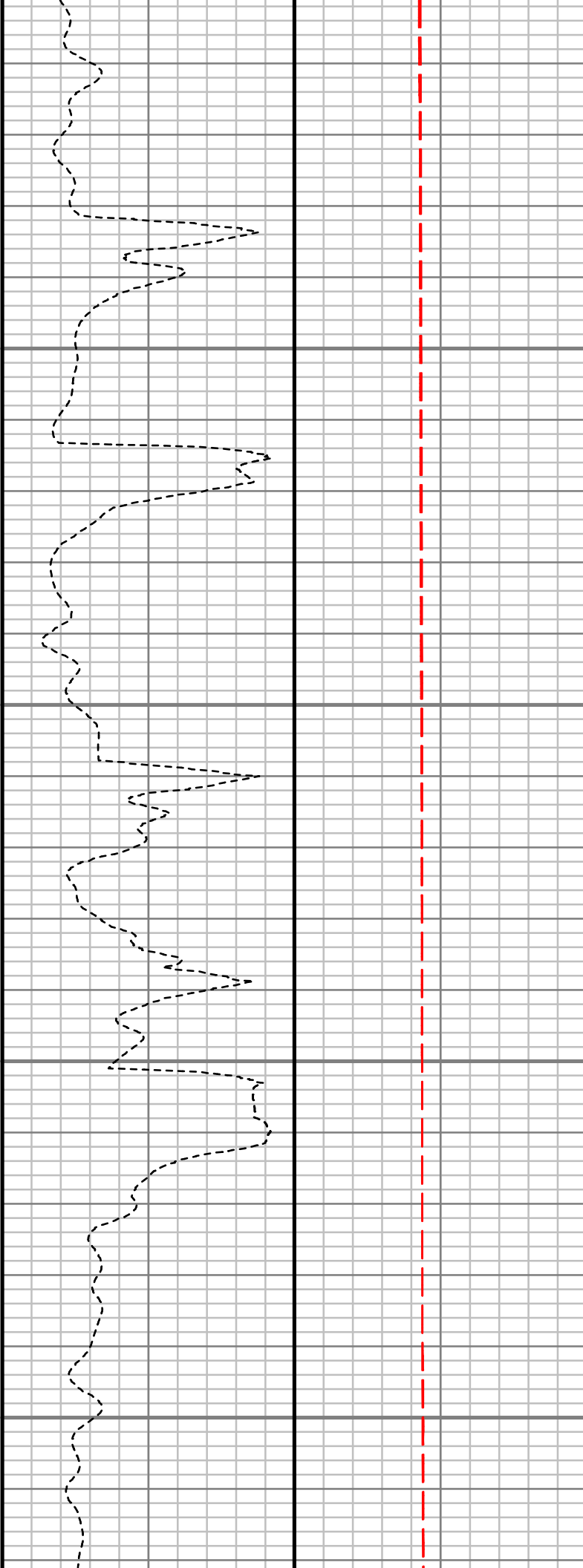
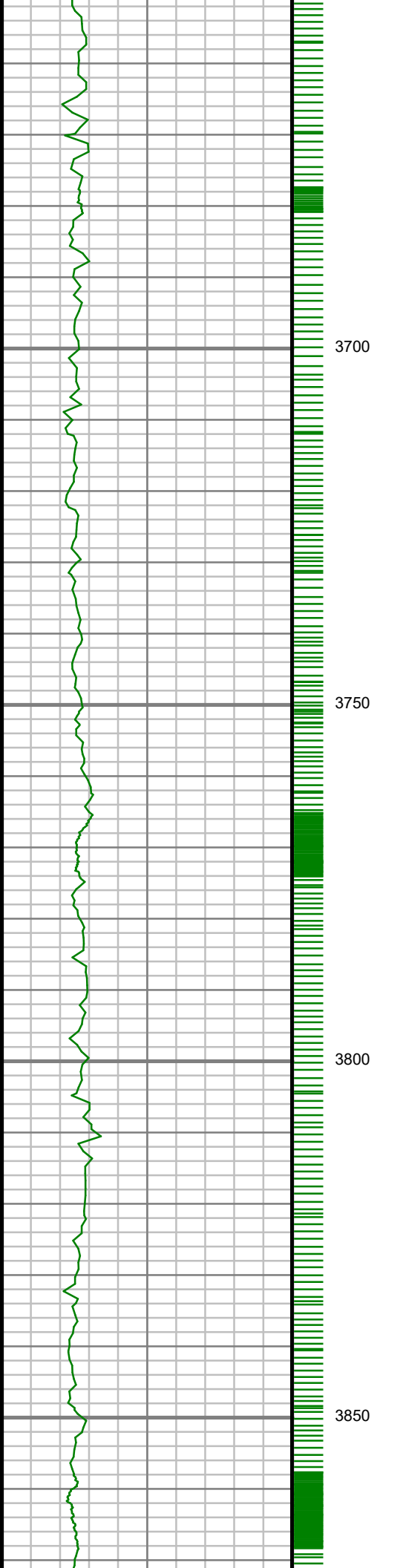
MD: 3285.00 ft Inc:
18.36 deg Az: 336.95
deg TVD: 3143.86 ft

MD: 3379.00 ft Inc:
18.36 deg Az: 335.70
deg TVD: 3233.08 ft



MD: 3473.00 ft Inc:
16.80 deg Az: 333.33
deg TVD: 3322.69 ft

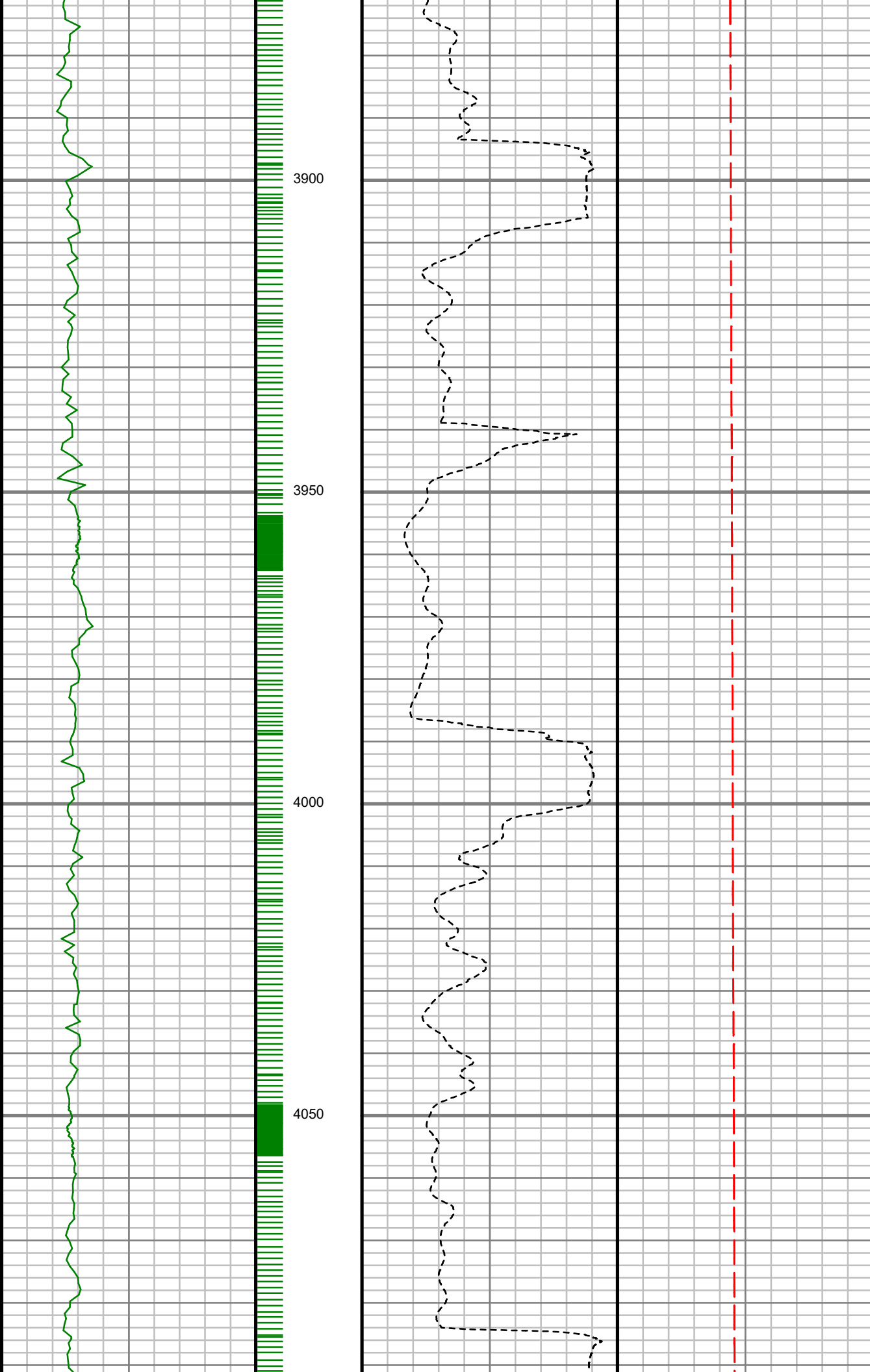
MD: 3567.00 ft Inc:
15.09 deg Az: 334.33
deg TVD: 3413.06 ft



MD: 3661.00 ft Inc:
12.82 deg Az: 337.66
deg TVD: 3504.28 ft

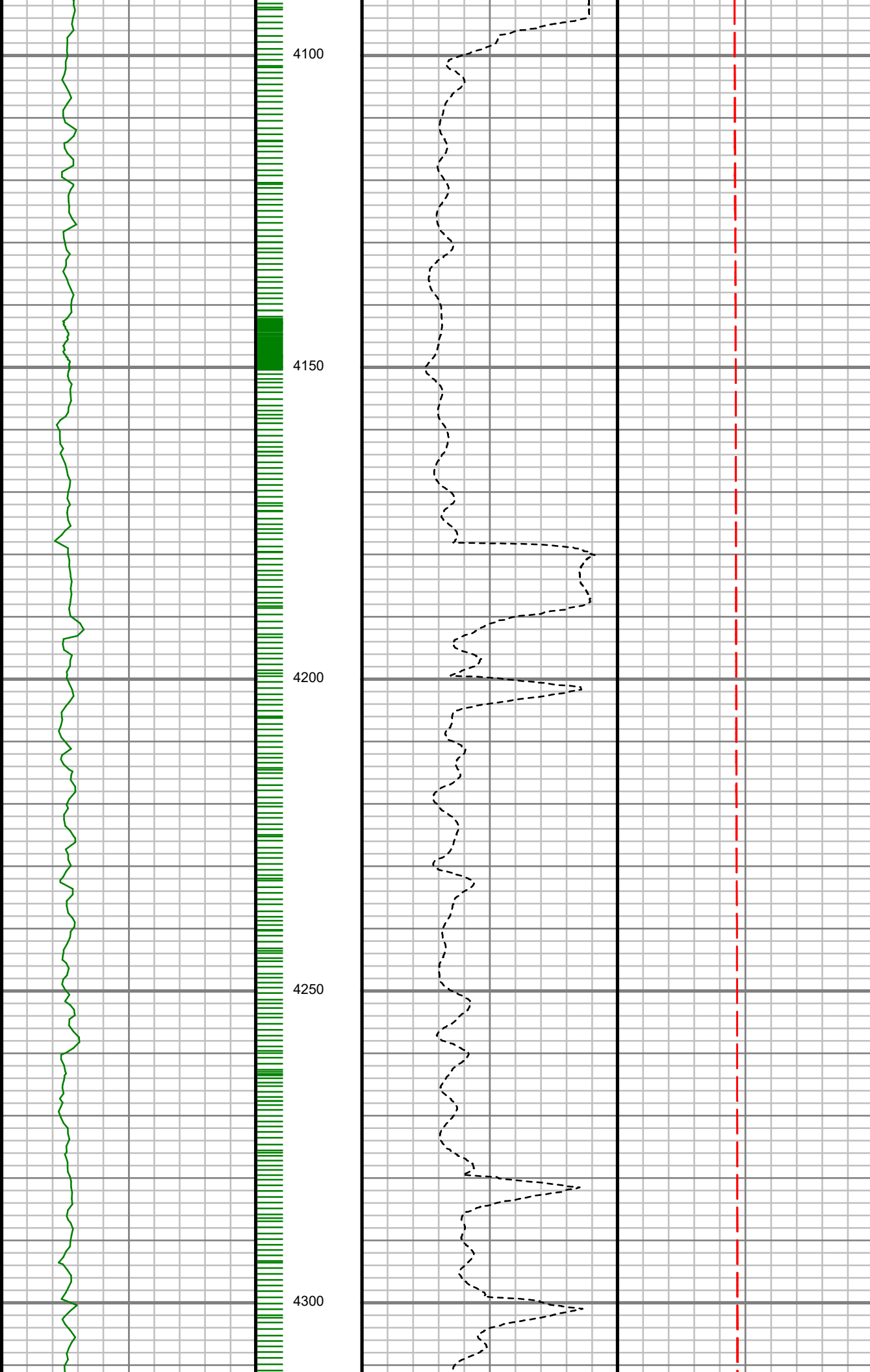
MD: 3754.00 ft Inc:
12.45 deg Az: 337.56
deg TVD: 3595.03 ft

MD: 3848.00 ft Inc:
9.73 deg Az: 340.44
deg TVD: 3687.27 ft



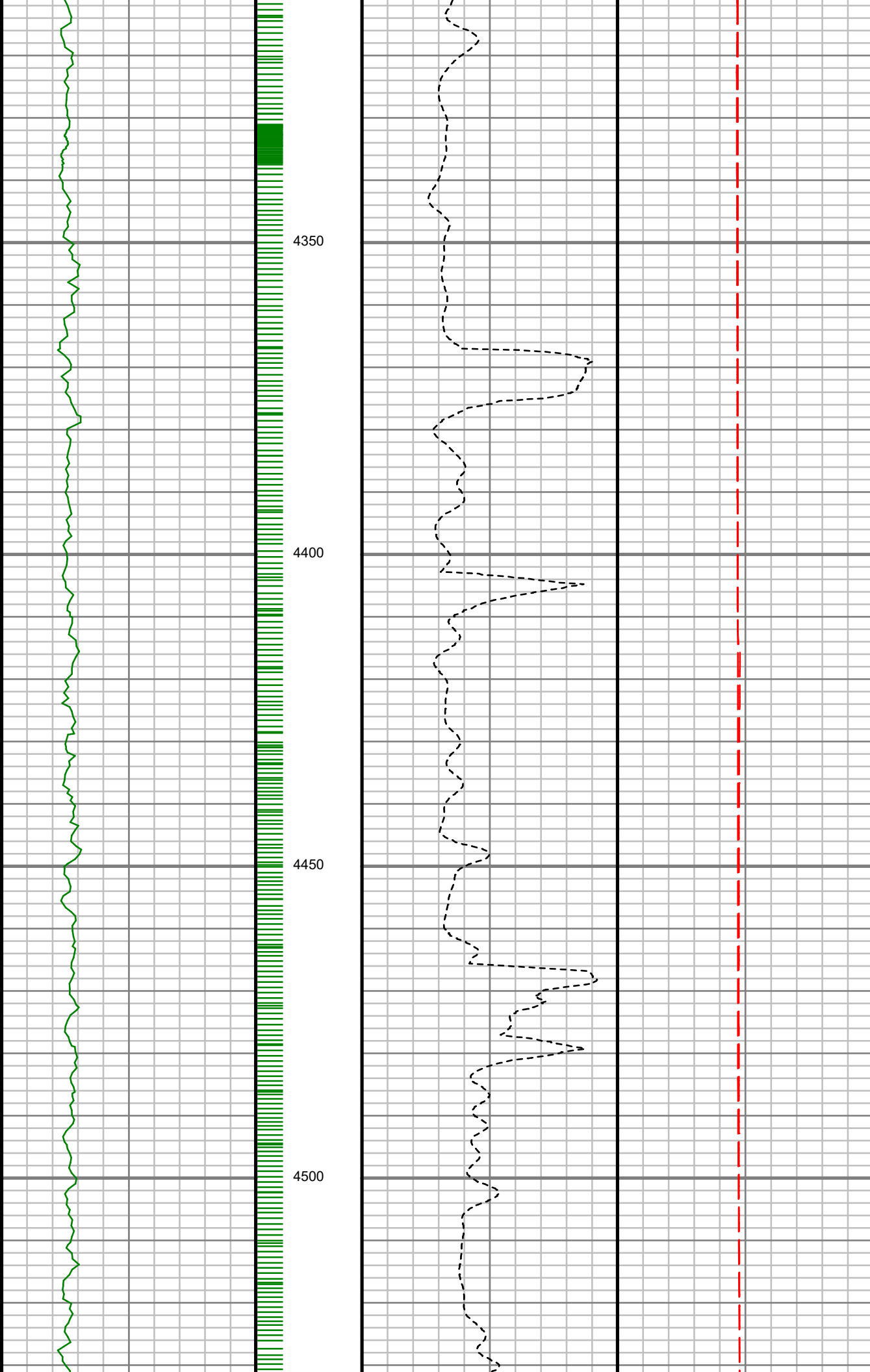
MD: 3942.00 ft Inc:
8.21 deg Az: 344.88
deg TVD: 3780.12 ft

MD: 4036.00 ft Inc:
5.92 deg Az: 353.07
deg TVD: 3873.40 ft



MD: 4130.00 ft Inc:
3.46 deg Az: 354.52
deg TVD: 3967.08 ft

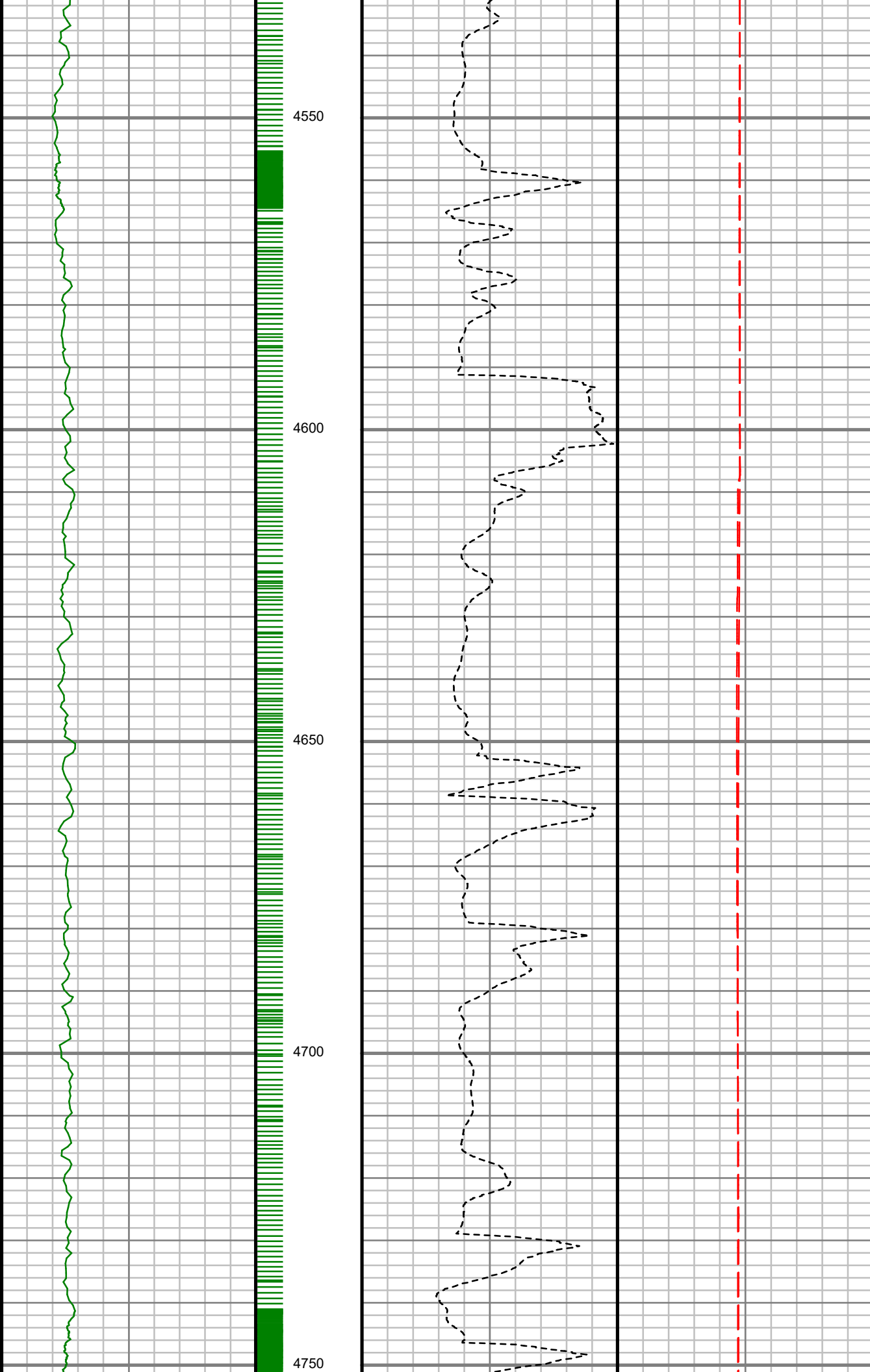
MD: 4223.00 ft Inc:
1.83 deg Az: 333.78
deg TVD: 4059.98 ft



MD: 4316.00 ft Inc:
1.64 deg Az: 336.08
deg TVD: 4152.94 ft

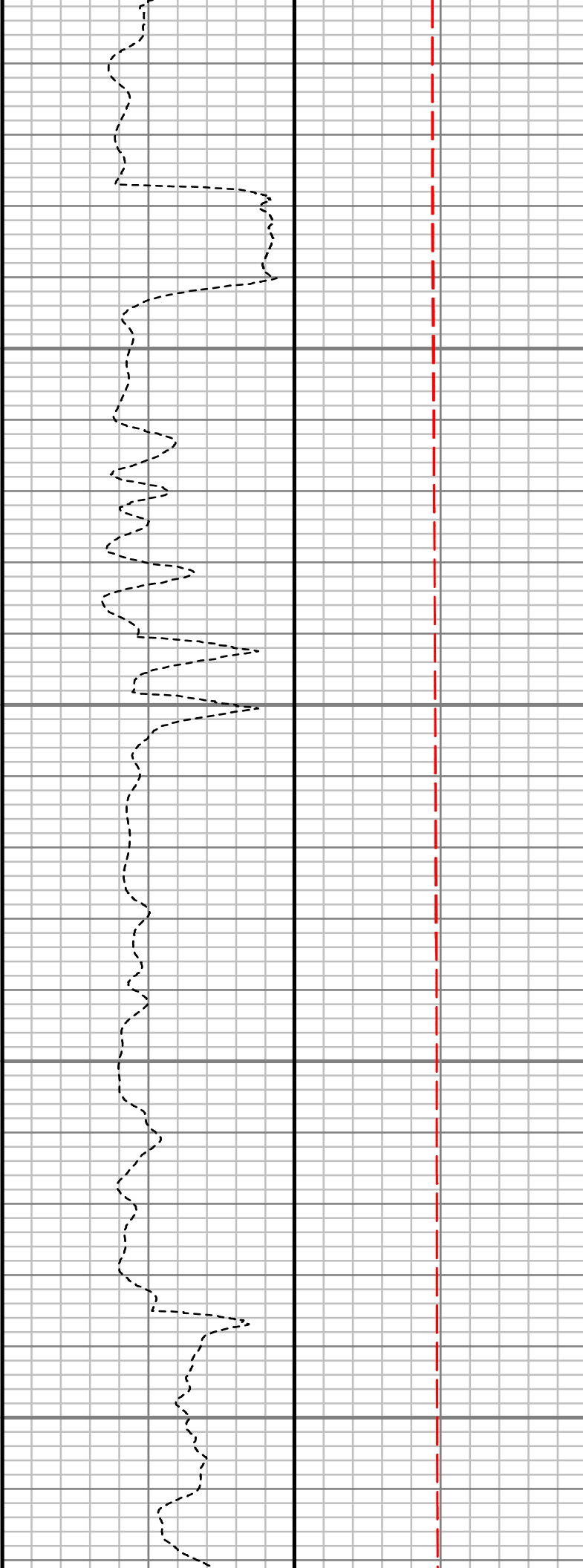
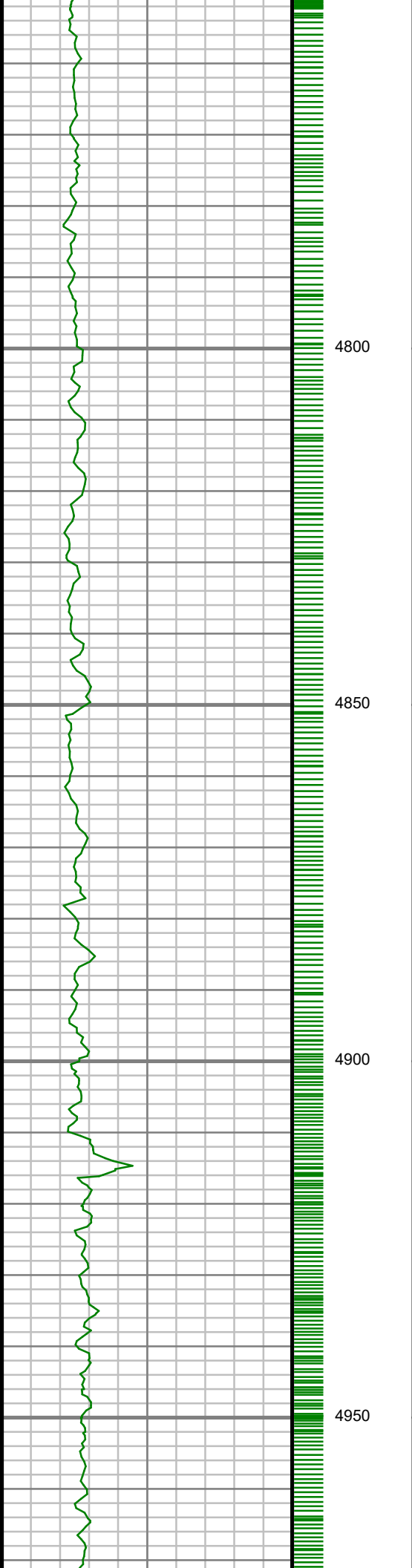
MD: 4411.00 ft Inc: 0.96
deg Az: 310.29 deg
TVD: 4247.91 ft

MD: 4504.00 ft Inc:
0.52 deg Az: 265.43
deg TVD: 4340.90 ft



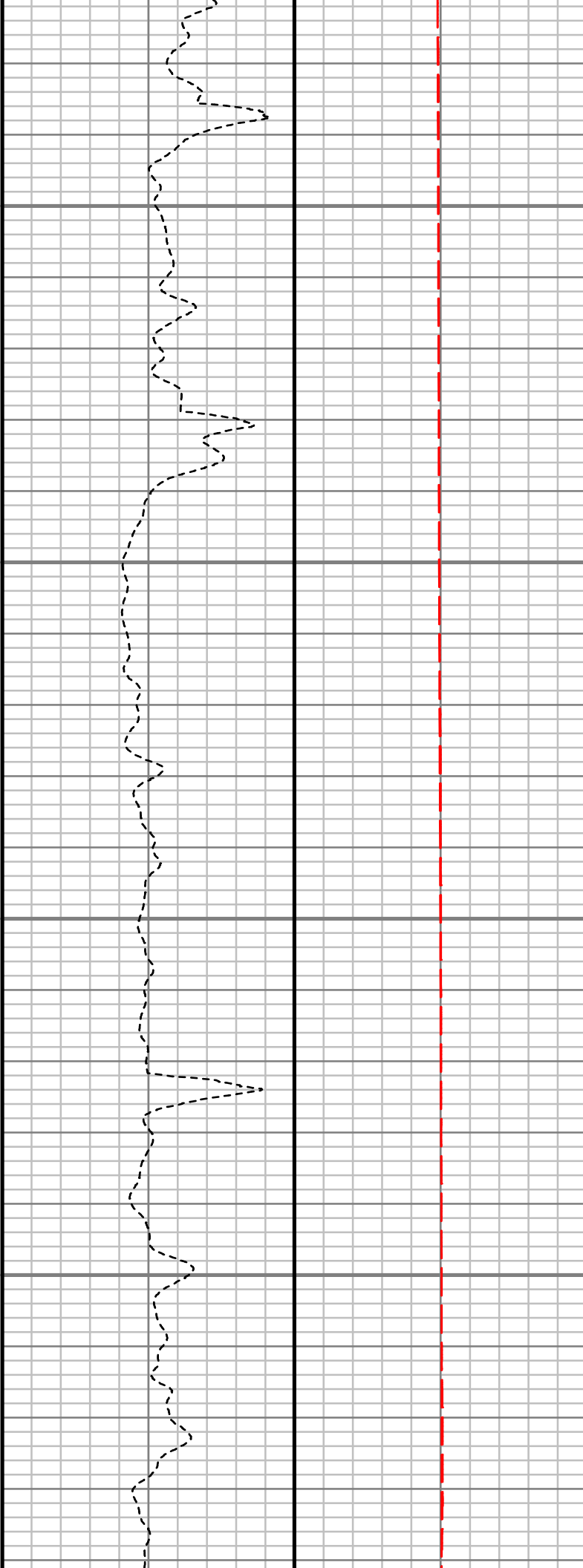
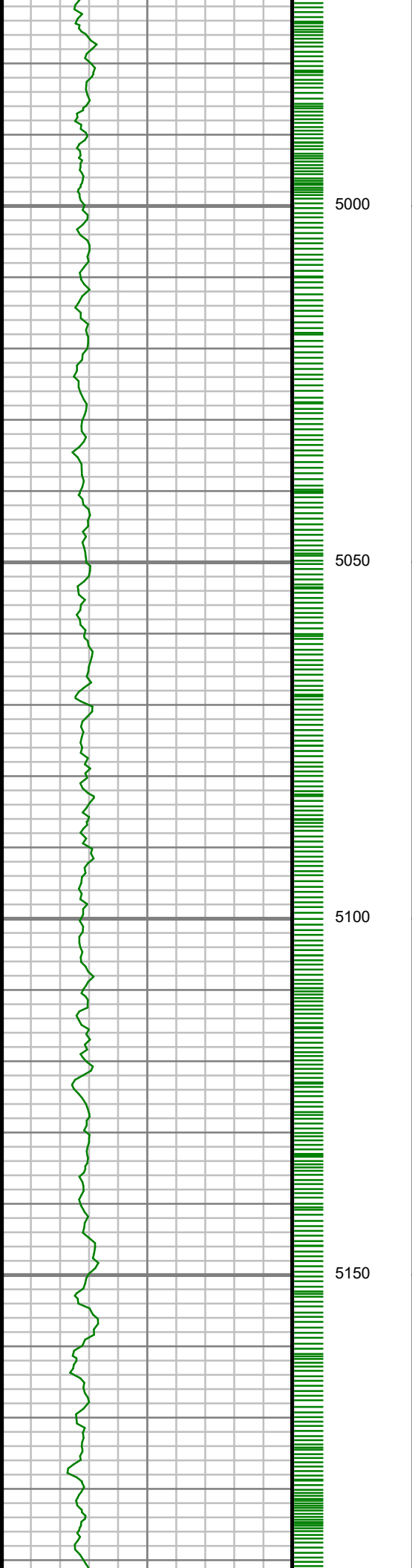
MD: 4598.00 ft Inc:
1.59 deg Az: 331.73
deg TVD: 4434.89 ft

MD: 4693.00 ft Inc:
2.10 deg Az: 345.08
deg TVD: 4529.84 ft



MD: 4786.00 ft Inc:
1.13 deg Az: 342.54
deg TVD: 4622.80 ft

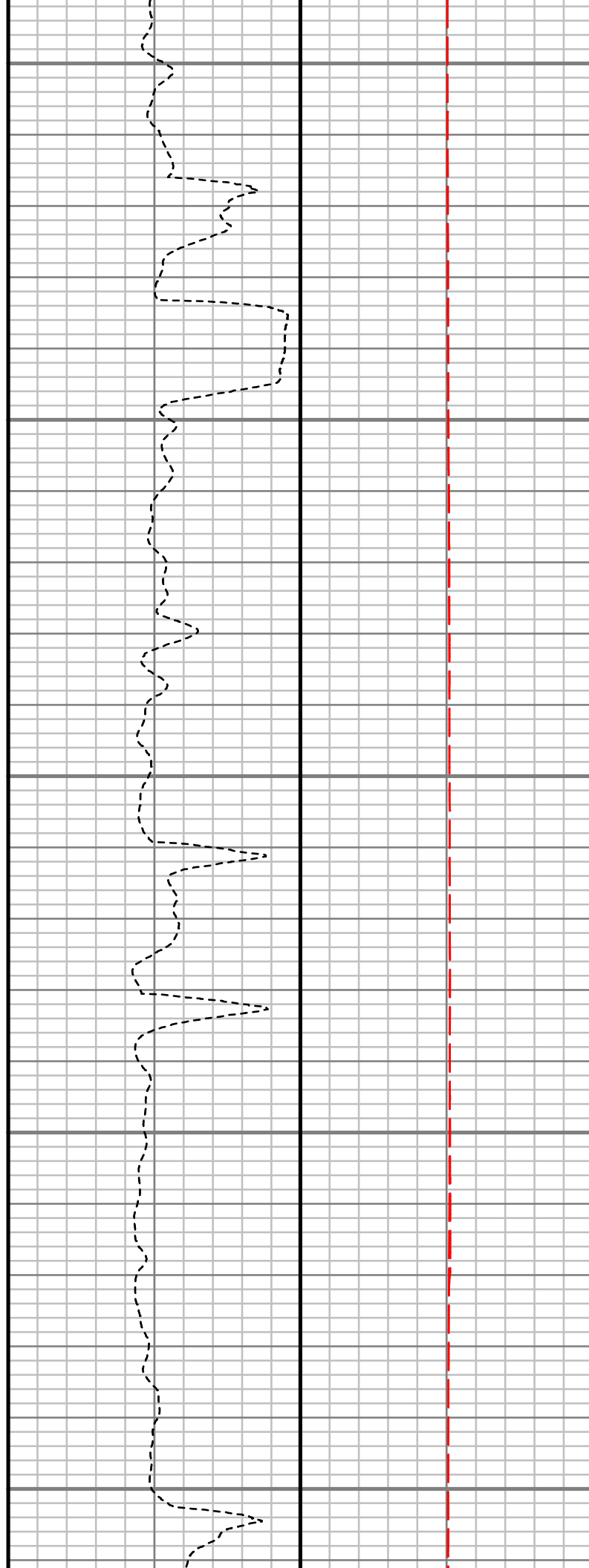
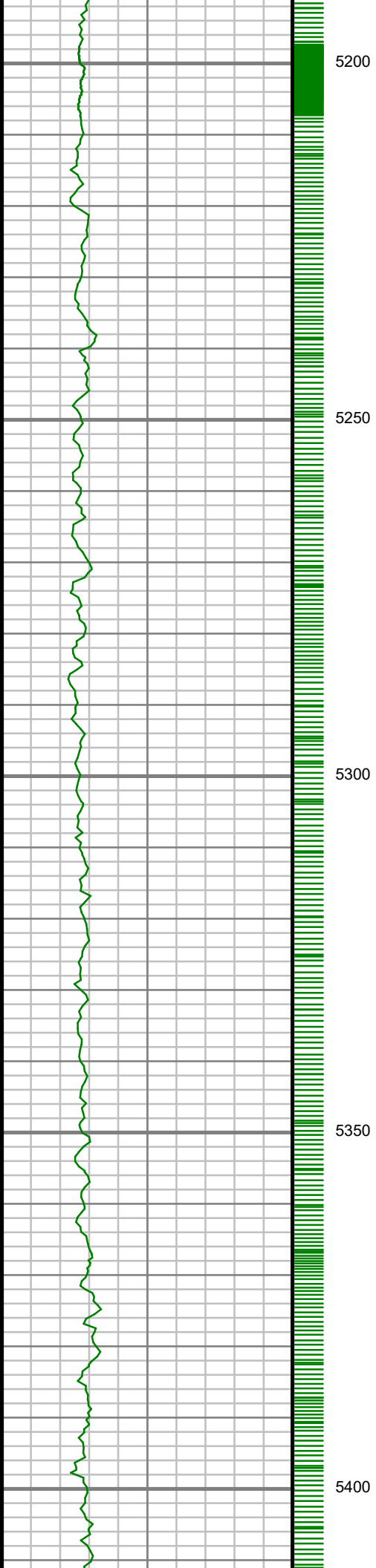
MD: 4881.00 ft Inc:
0.62 deg Az: 319.04
deg TVD: 4717.79 ft



MD: 4974.00 ft Inc:
0.64 deg Az: 336.13
deg TVD: 4810.79 ft

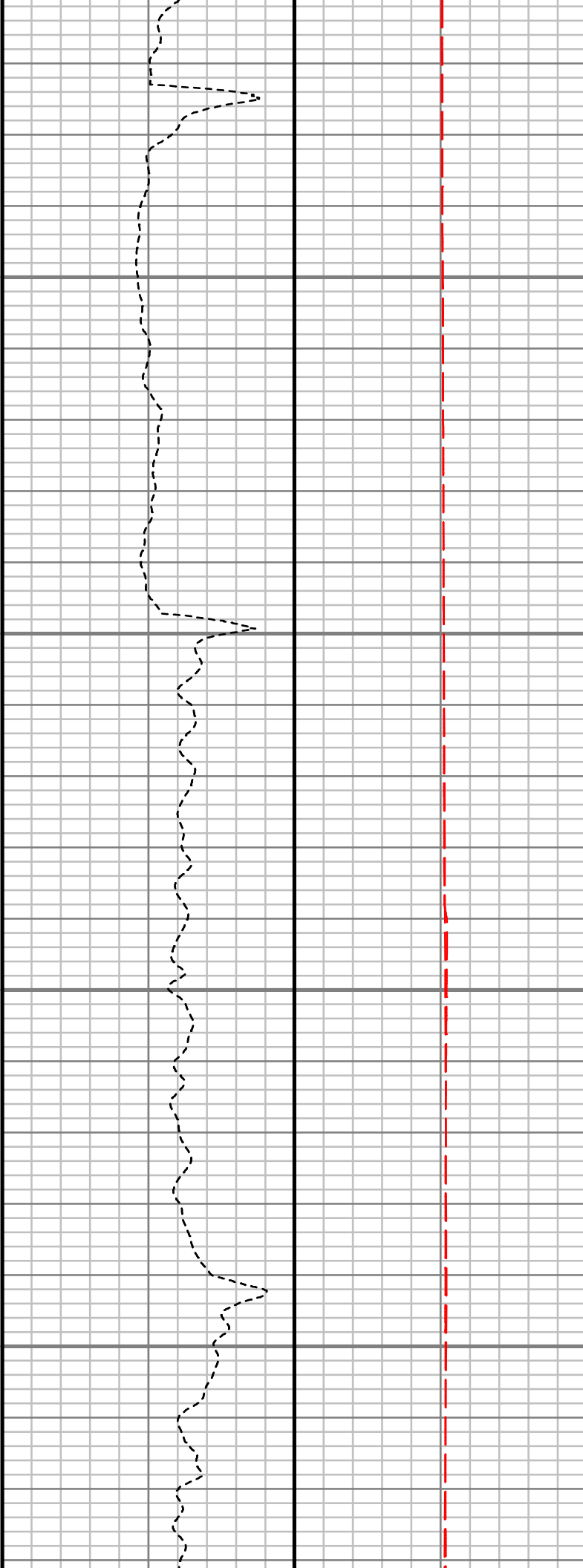
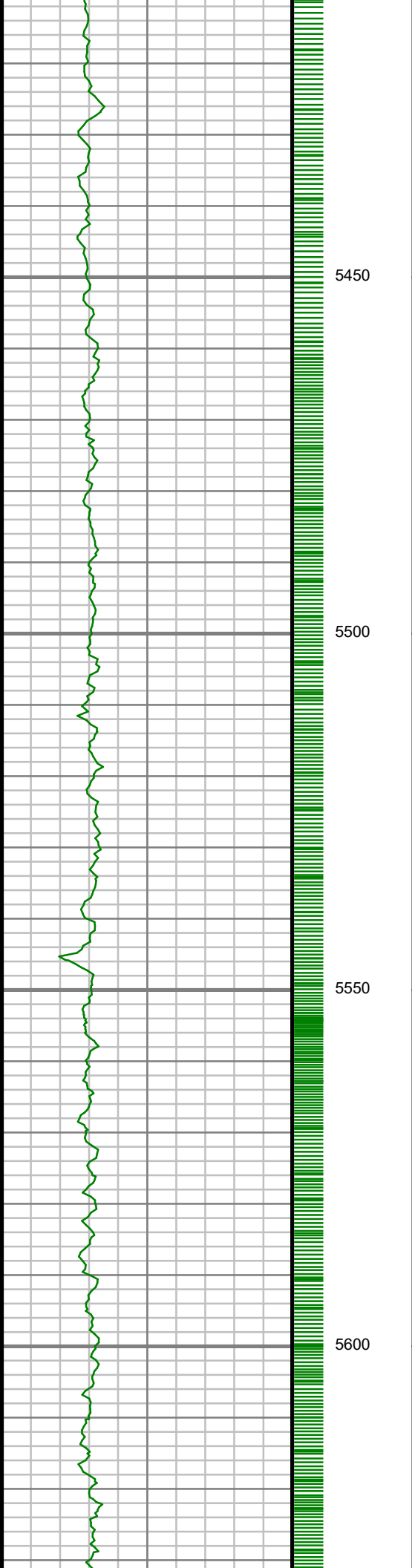
MD: 5068.00 ft Inc:
0.59 deg Az: 5.72 deg
TVD: 4904.78 ft

MD: 5162.00 ft Inc:
0.94 deg Az: 353.13
deg TVD: 4998.77 ft



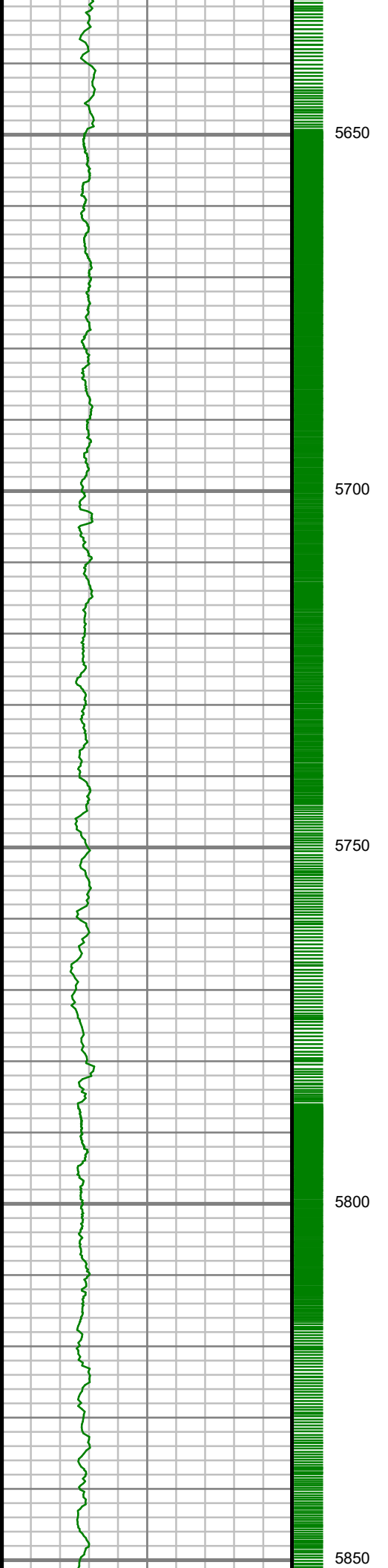
MD: 5256.00 ft Inc: 1.11
deg Az: 105.88 deg
TVD: 5092.76 ft

MD: 5349.00 ft Inc:
0.88 deg Az: 86.08 deg
TVD: 5185.75 ft



MD: 5444.00 ft Inc:
0.98 deg Az: 82.85 deg
TVD: 5280.74 ft

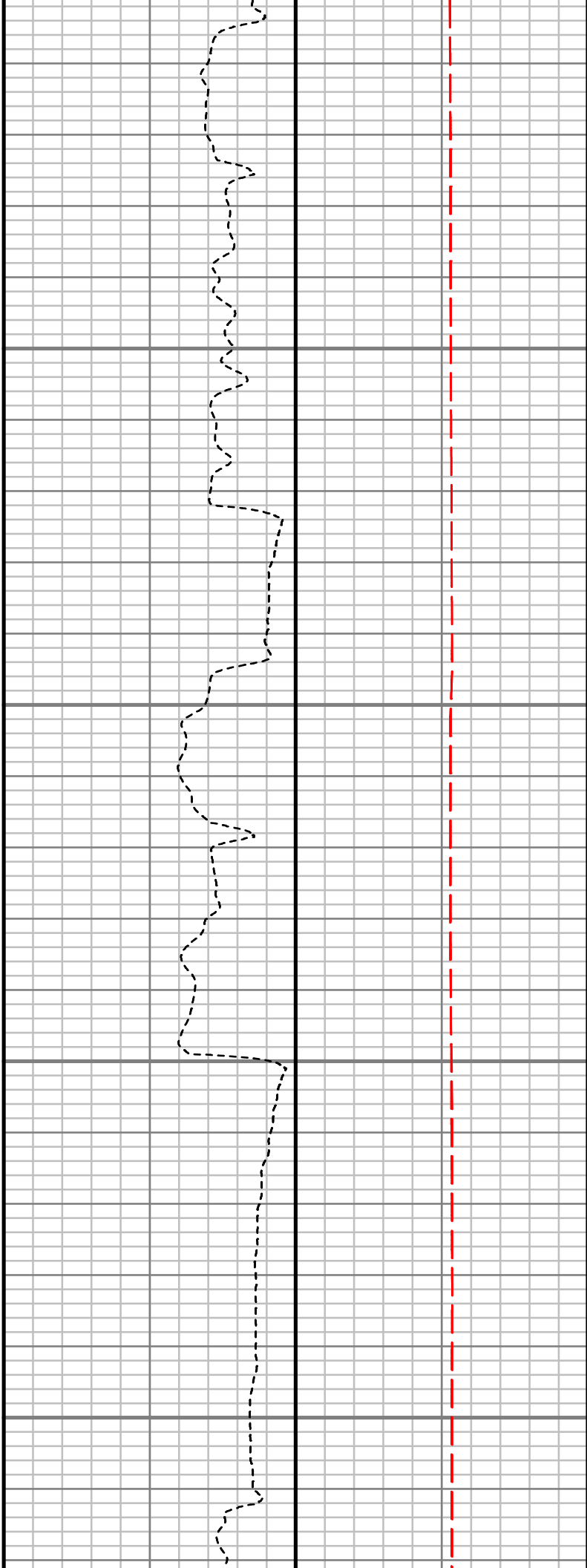
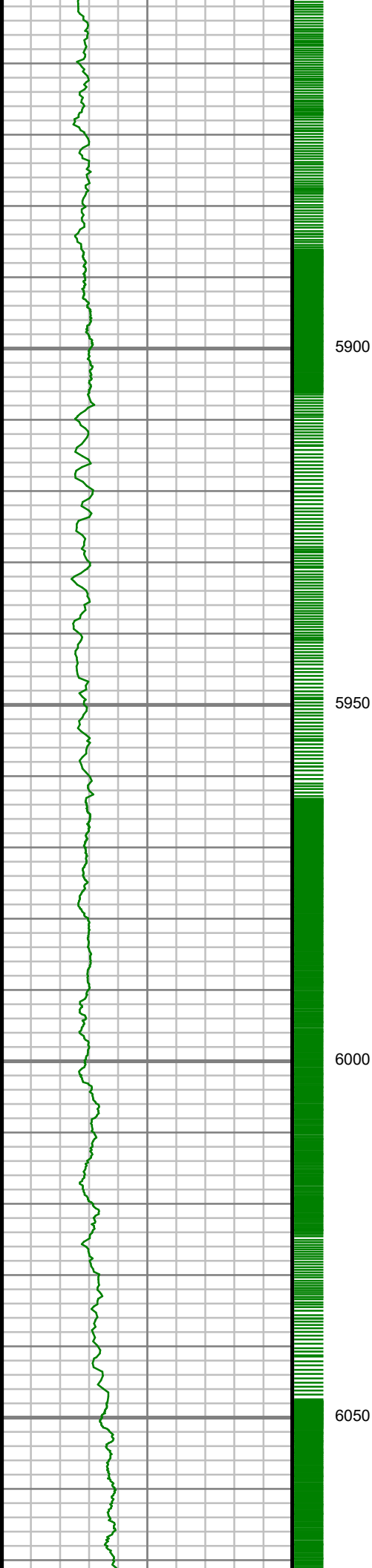
MD: 5538.00 ft Inc:
0.89 deg Az: 69.21 deg
TVD: 5374.72 ft



MD: 5632.00 ft Inc:
0.95 deg Az: 57.50 deg
TVD: 5468.71 ft

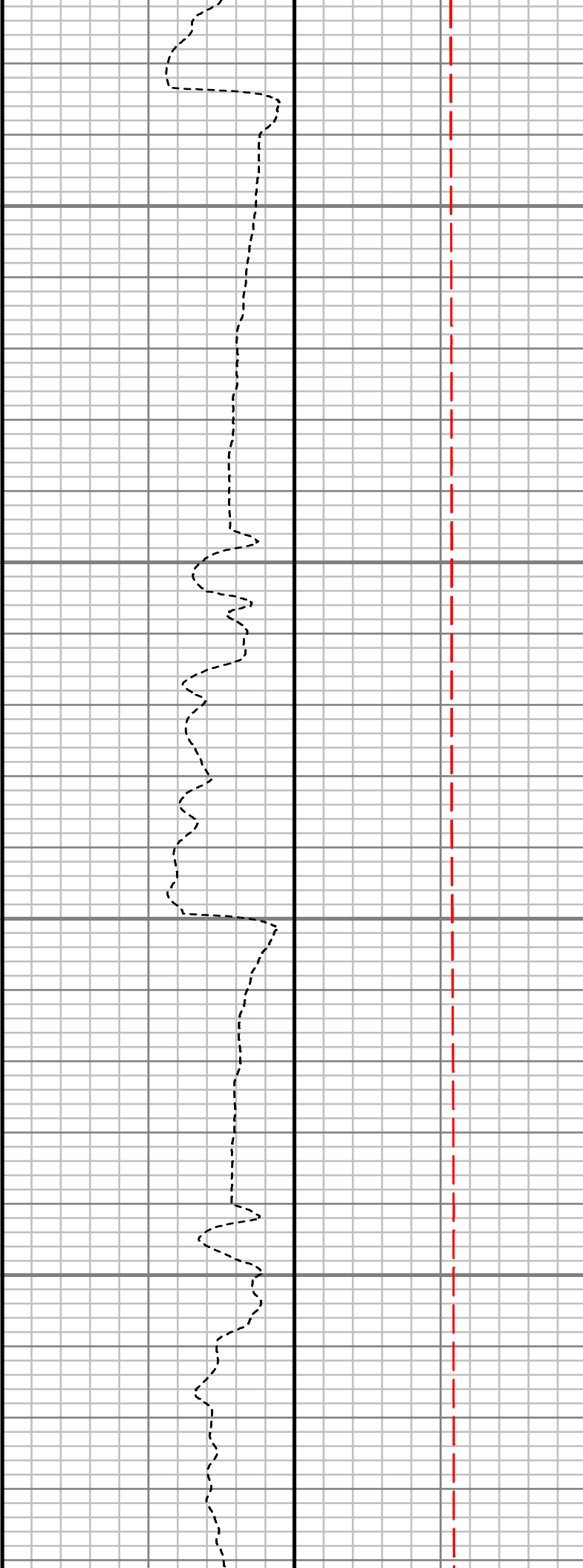
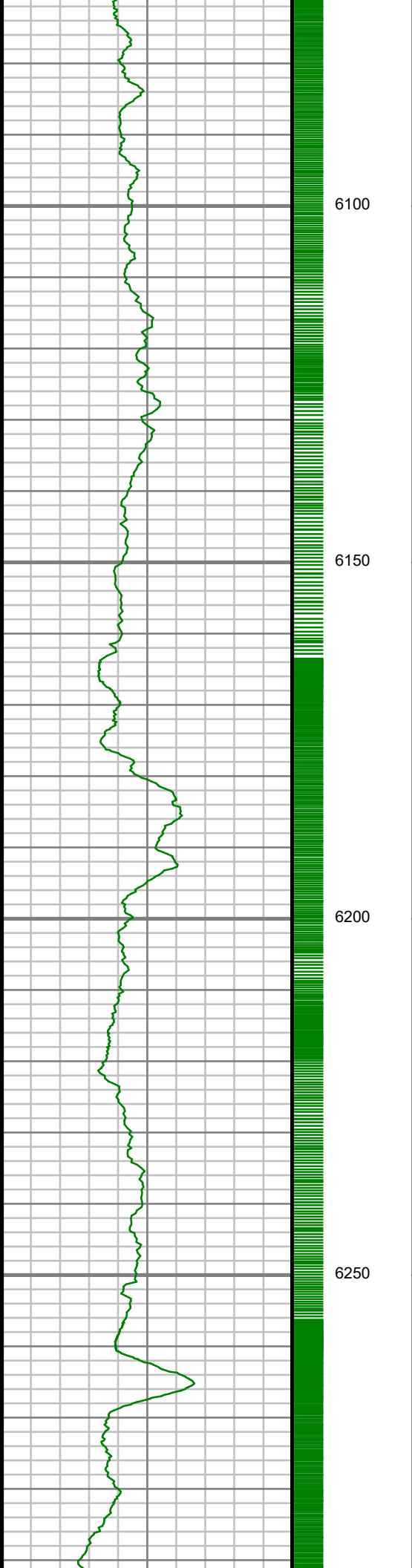
MD: 5726.00 ft Inc:
9.79 deg Az: 91.26 deg
TVD: 5562.22 ft

MD: 5820.00 ft Inc:
21.85 deg Az: 87.80
deg TVD: 5652.49 ft



MD: 5913.00 ft Inc:
26.20 deg Az: 90.41
deg TVD: 5737.41 ft

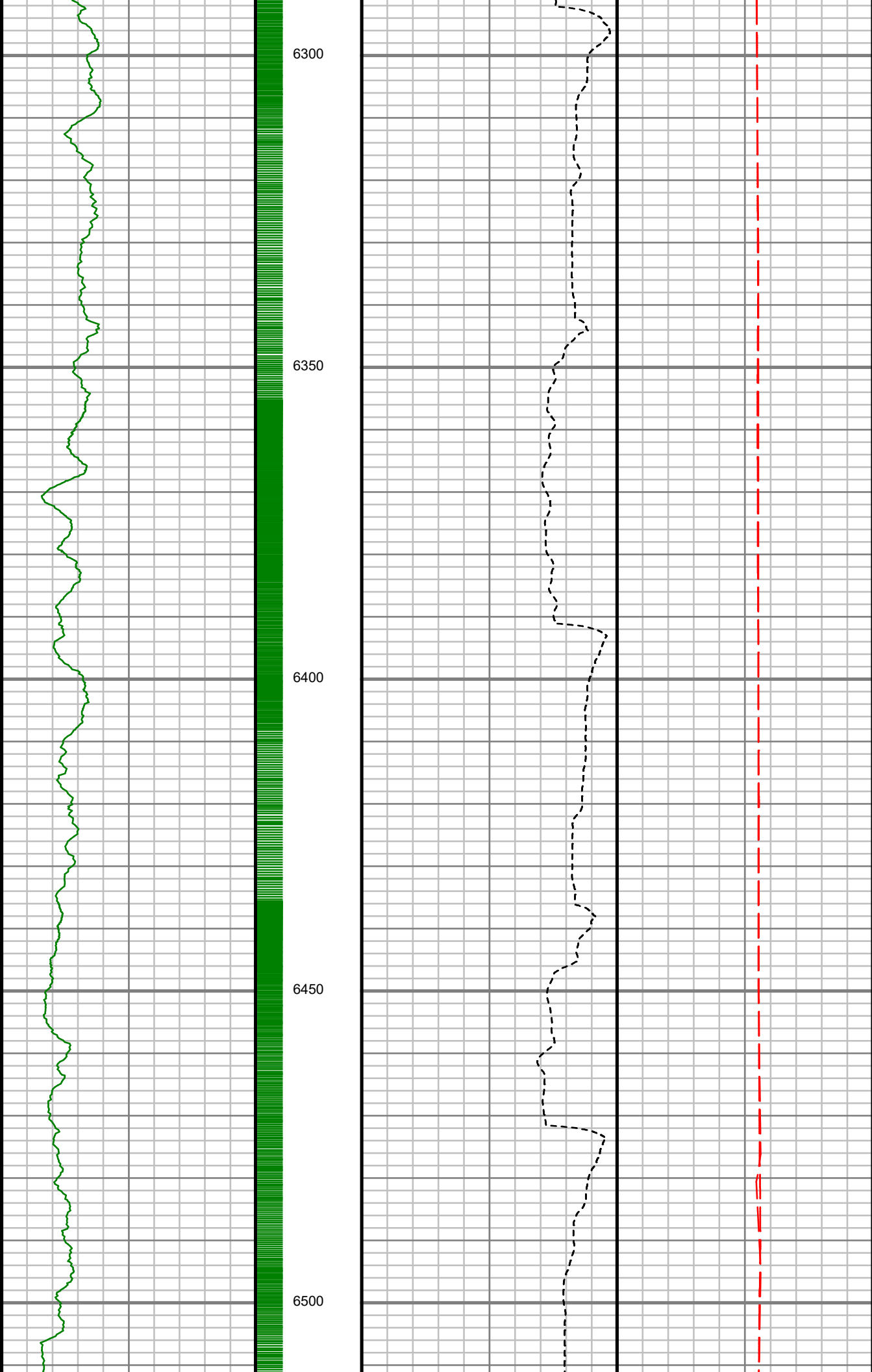
MD: 6007.00 ft Inc:
30.42 deg Az: 91.44
deg TVD: 5820.15 ft



MD: 6101.00 ft Inc:
44.94 deg Az: 90.74
deg TVD: 5894.35 ft

MD: 6195.00 ft Inc:
54.96 deg Az: 90.19
deg TVD: 5954.75 ft

MD: 6289.00 ft Inc:

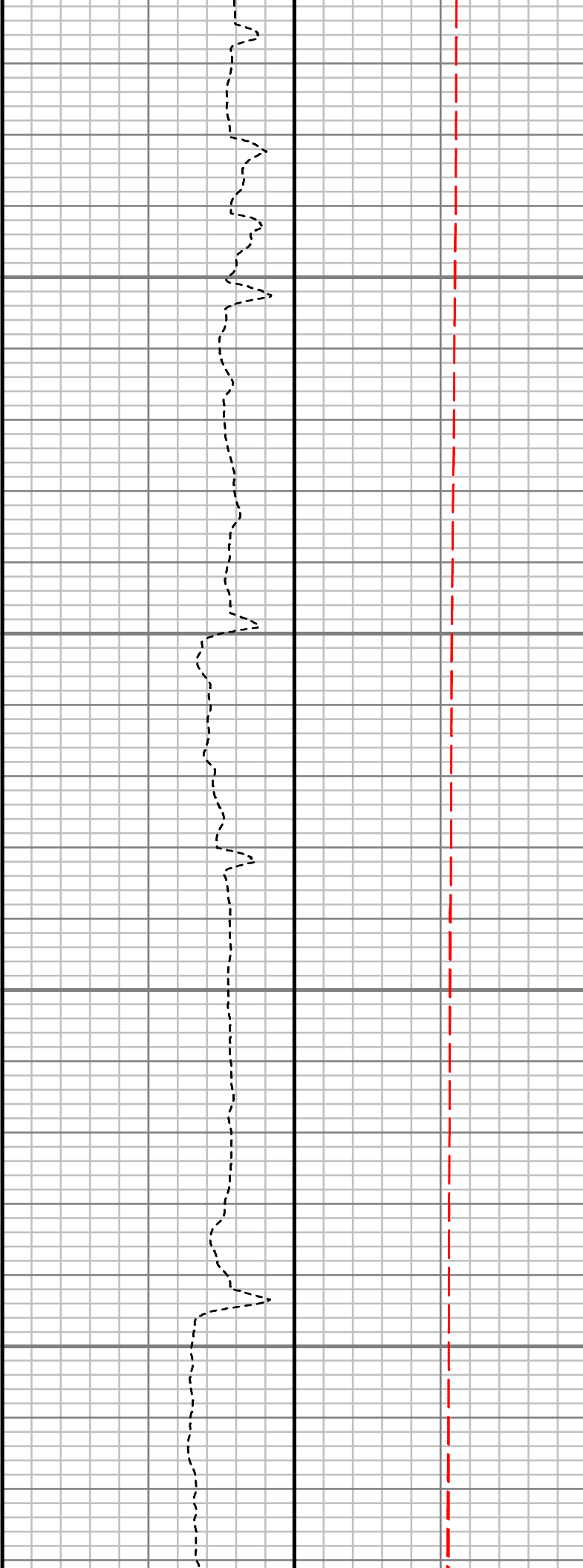
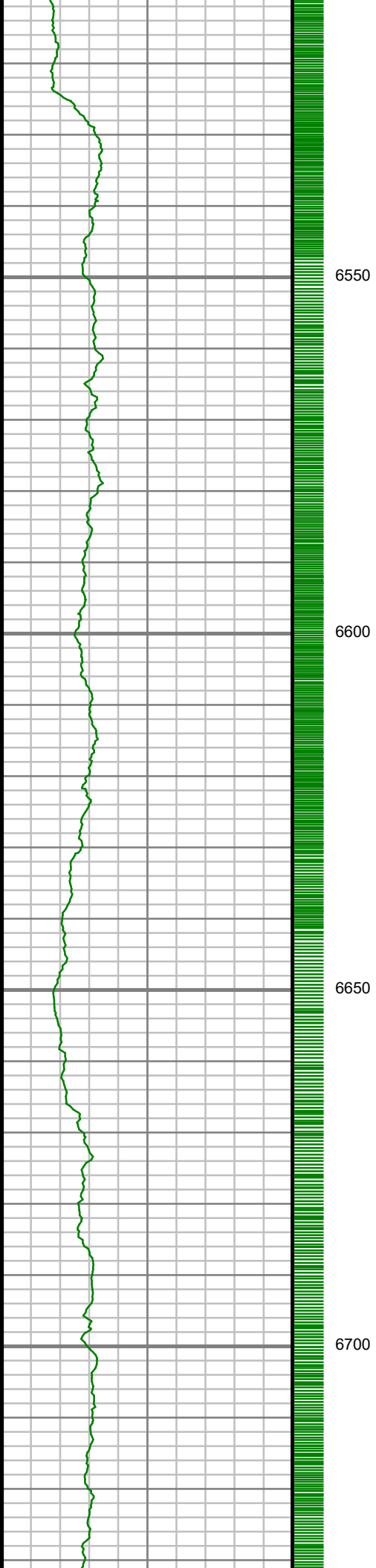


63.50 deg Az: 90.78
deg TVD: 6002.80 ft

MD: 6383.00 ft Inc:
71.57 deg Az: 87.46
deg TVD: 6038.70 ft

MD: 6477.00 ft Inc:
82.25 deg Az: 85.54
deg TVD: 6059.96 ft

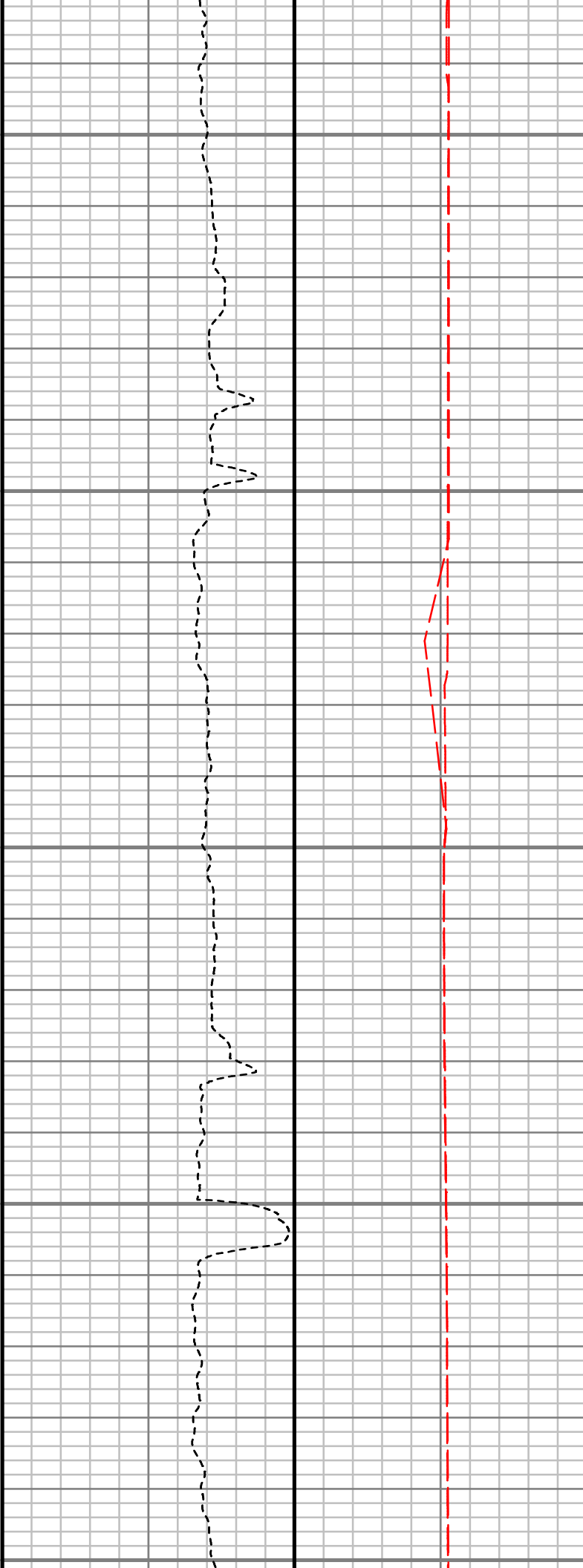
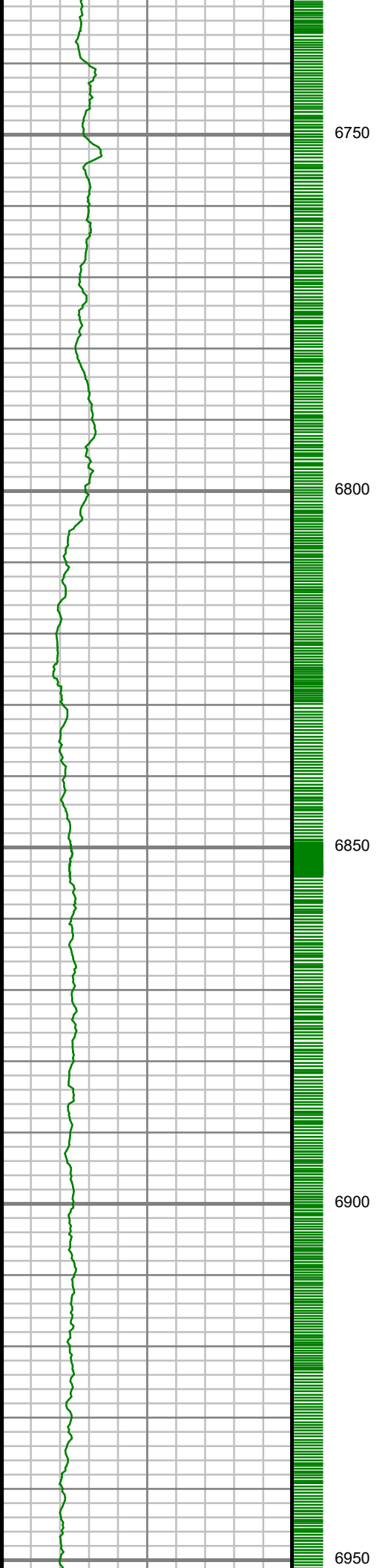
MD: 6487.00 ft Inc:
84.29 deg Az: 86.73
deg TVD: 6061.13 ft



MD: 6572.00 ft Inc:
88.96 deg Az: 90.16
deg TVD: 6066.14 ft

MD: 6635.00 ft Inc:
89.40 deg Az: 88.91
deg TVD: 6067.04 ft

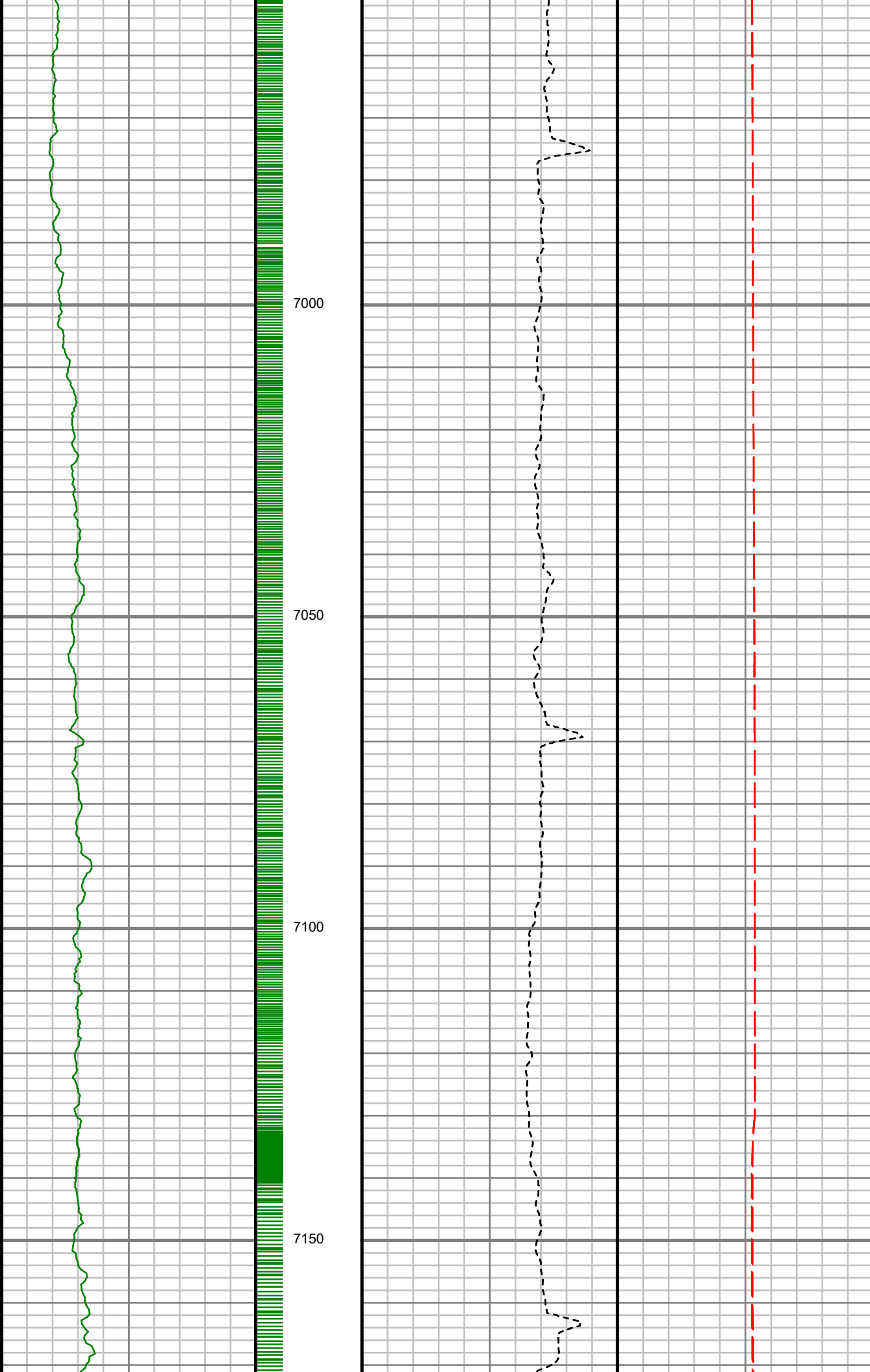
MD: 6729.00 ft Inc:



90.03 deg Az: 88.58
deg TVD: 6067.51 ft

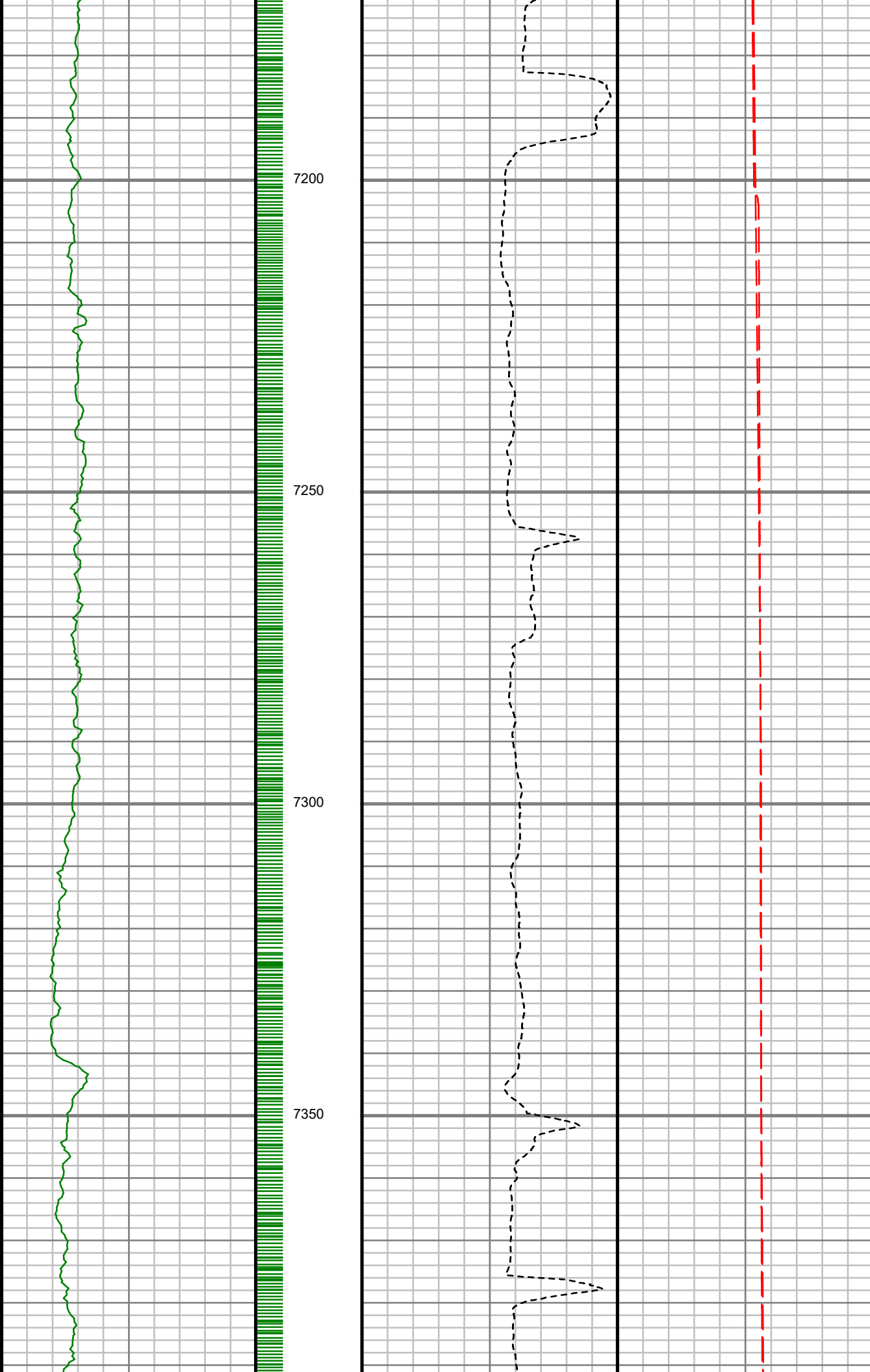
MD: 6822.00 ft Inc:
89.60 deg Az: 89.05
deg TVD: 6067.81 ft

MD: 6916.00 ft Inc:
90.84 deg Az: 88.77
deg TVD: 6067.45 ft



MD: 7010.00 ft Inc:
91.01 deg Az: 88.74
deg TVD: 6065.94 ft

MD: 7104.00 ft Inc:
91.31 deg Az: 88.85
deg TVD: 6064.04 ft



MD: 7198.00 ft Inc:
90.30 deg Az: 90.73
deg TVD: 6062.72 ft

MD: 7292.00 ft Inc:
90.84 deg Az: 90.66
deg TVD: 6061.78 ft

MD: 7386.00 ft Inc:
90.87 deg Az: 90.63
deg TVD: 6061.78 ft

deg TVD: 6060.38 ft

7400

7450

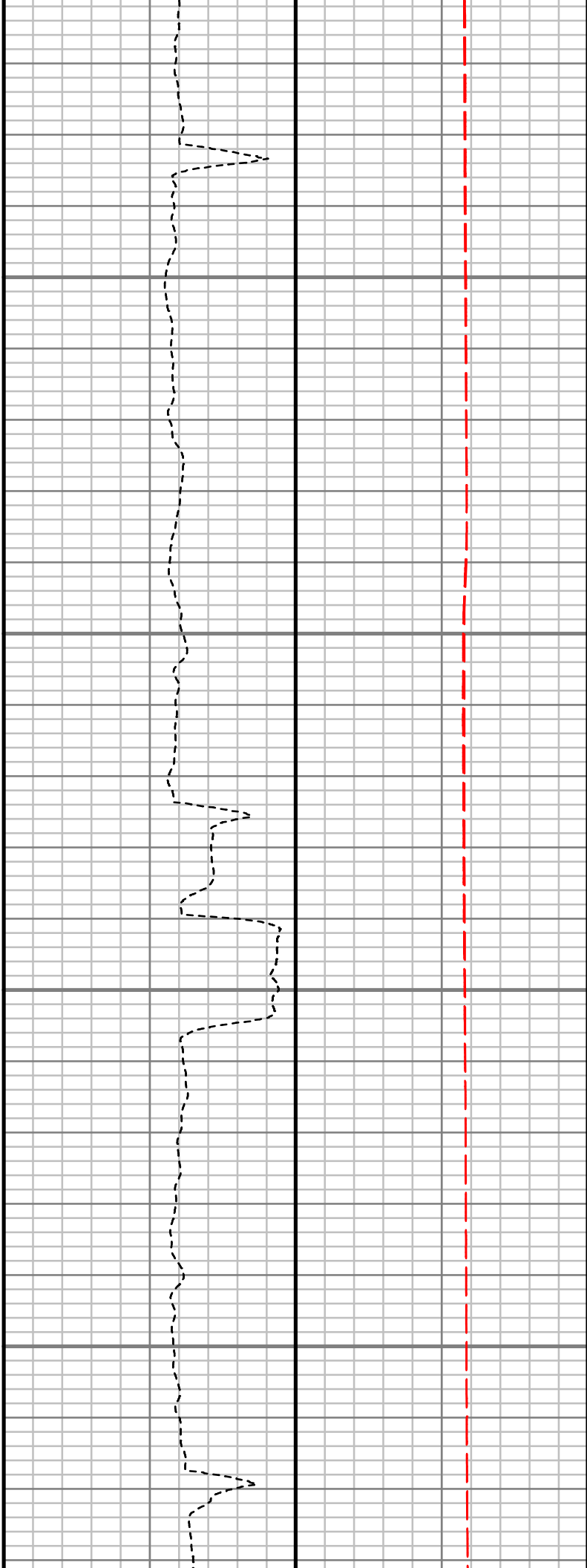
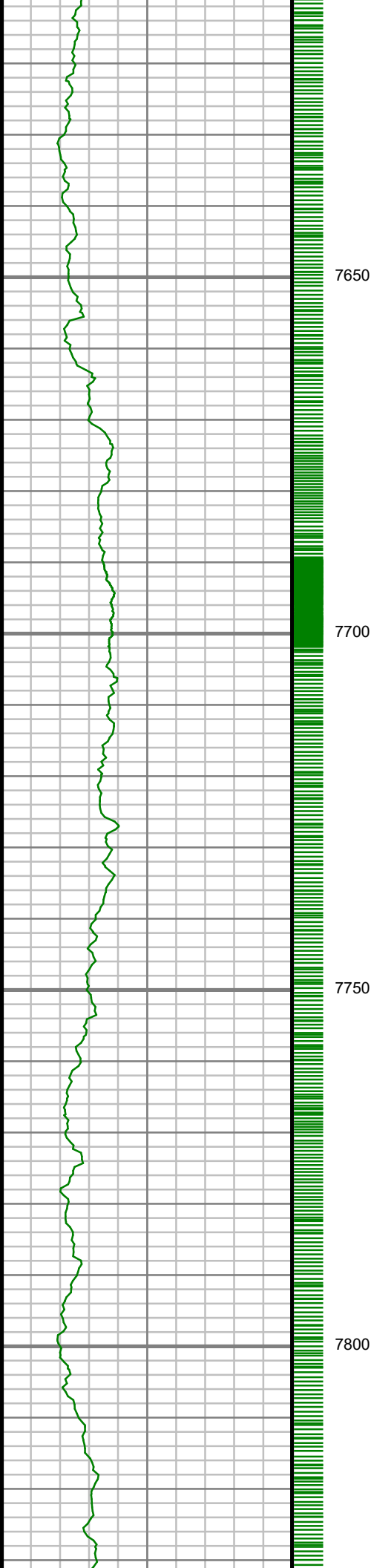
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7550

7600

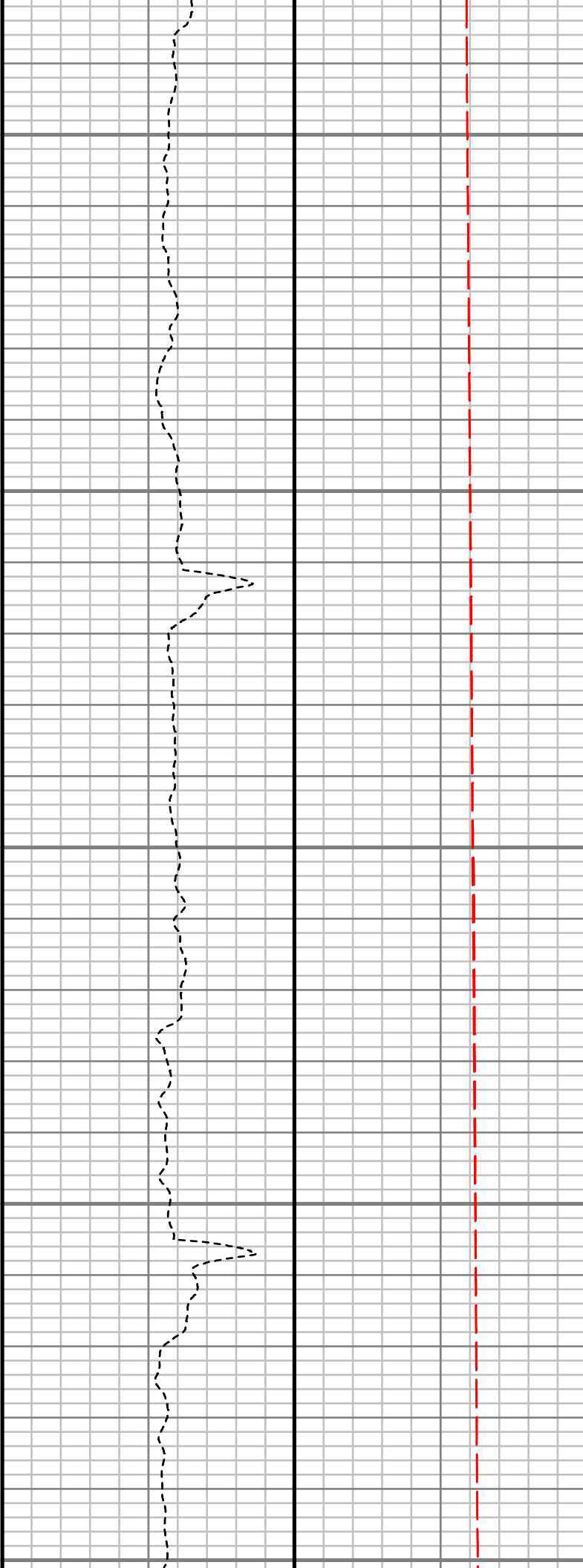
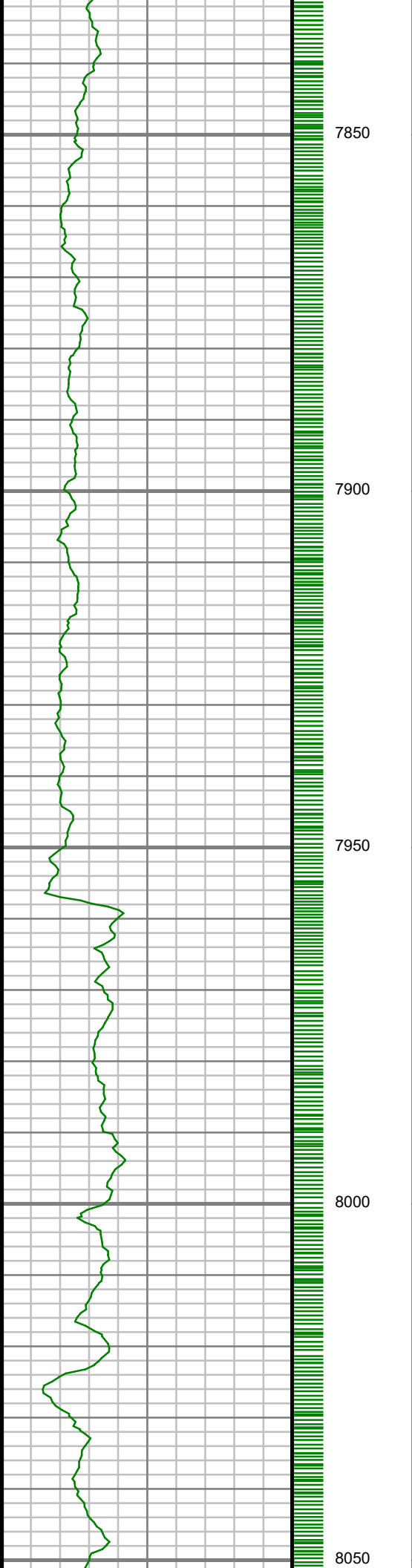
MD: 7480.00 ft Inc:
90.34 deg Az: 90.23
deg TVD: 6059.38 ft

MD: 7573.00 ft Inc:
90.44 deg Az: 90.03
deg TVD: 6058.76 ft



MD: 7667.00 ft Inc:
91.27 deg Az: 90.71
deg TVD: 6057.35 ft

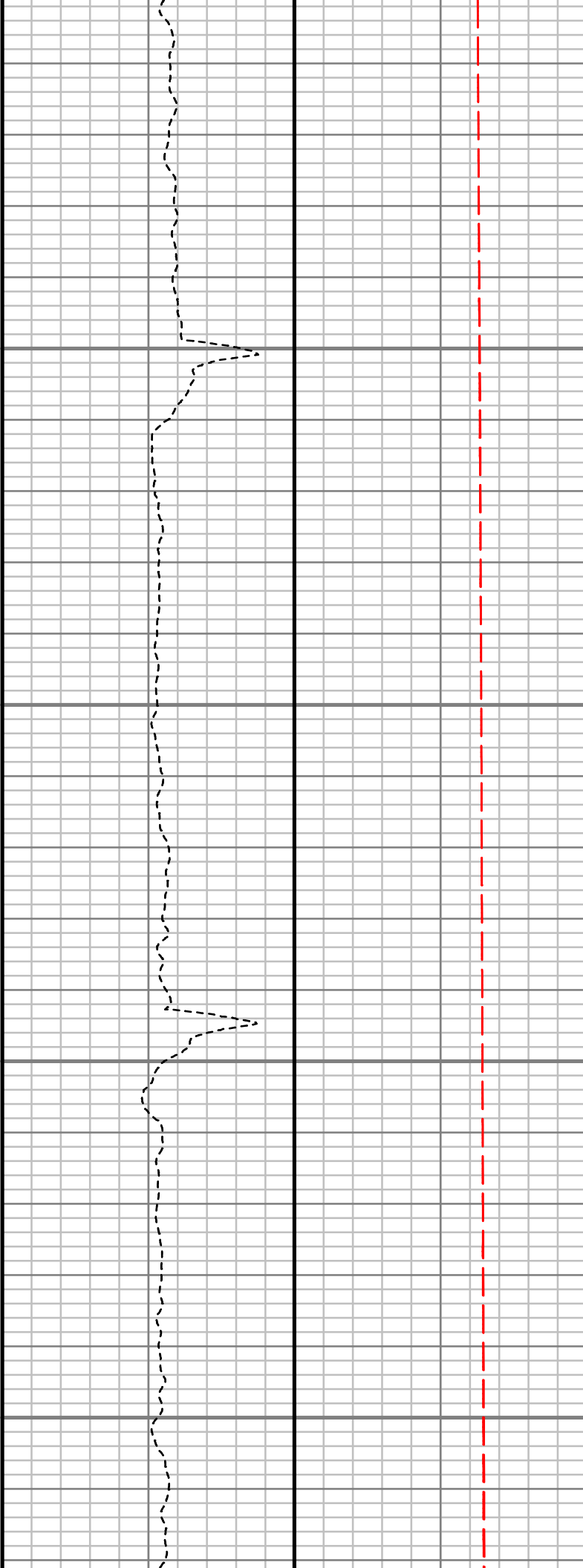
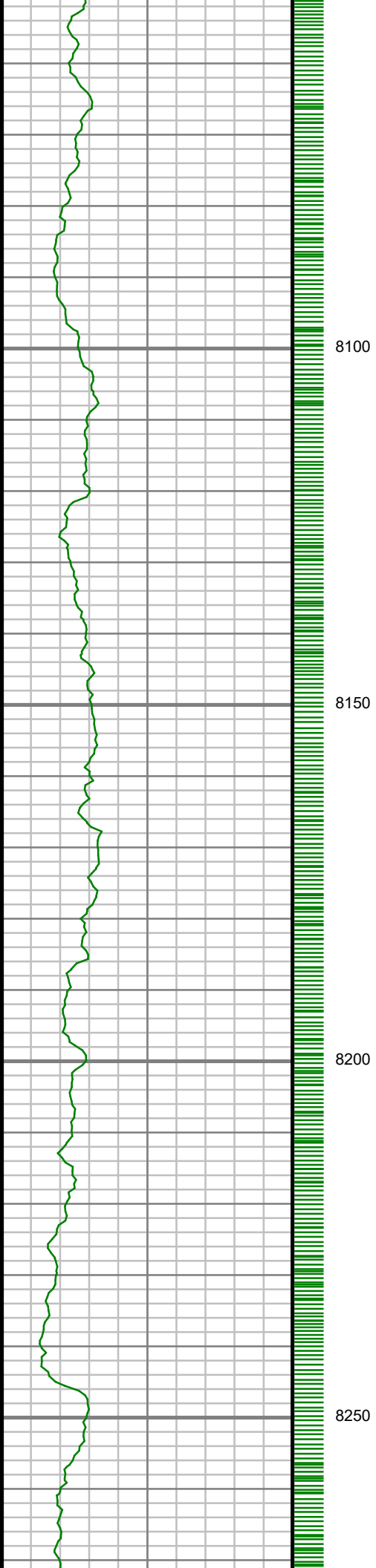
MD: 7761.00 ft Inc:
89.97 deg Az: 89.16
deg TVD: 6056.33 ft



MD: 7854.00 ft Inc:
89.90 deg Az: 89.11
deg TVD: 6056.44 ft

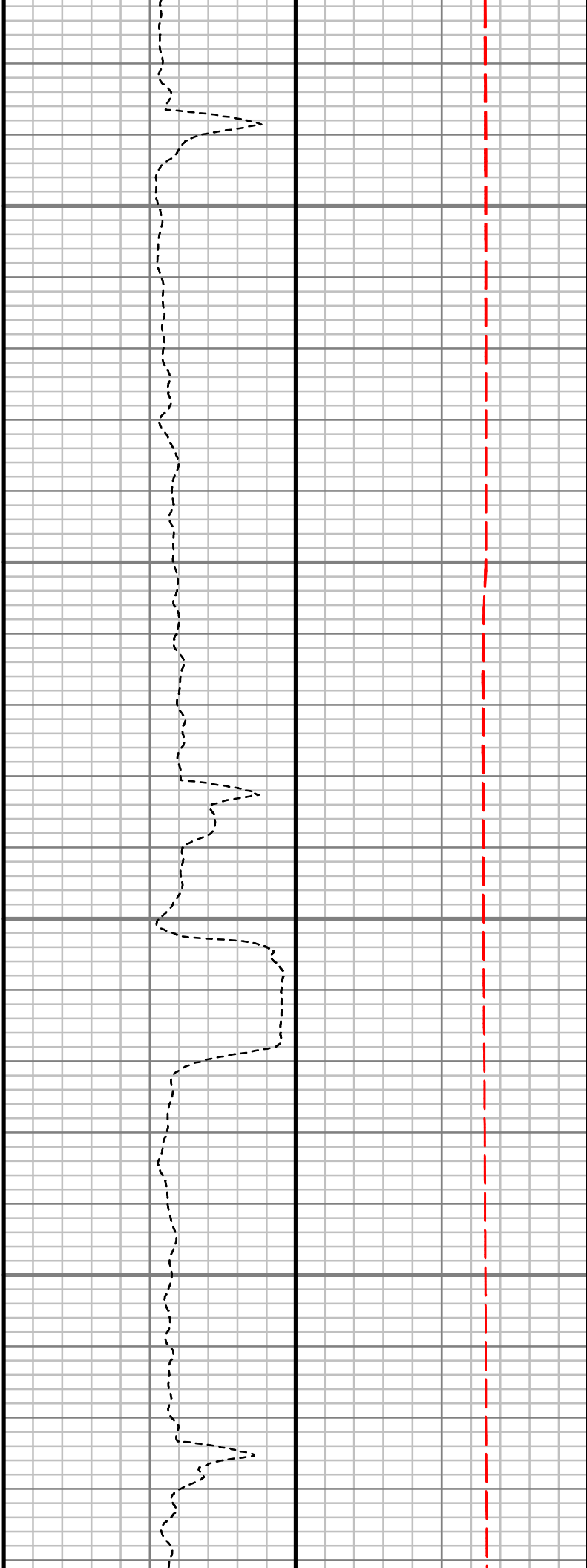
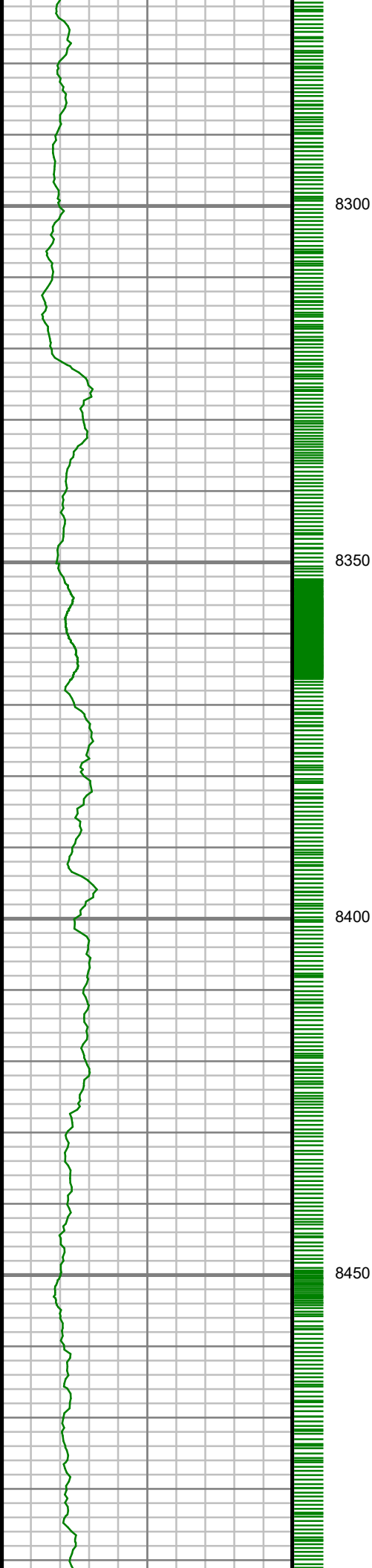
MD: 7948.00 ft Inc:
89.93 deg Az: 89.32
deg TVD: 6056.58 ft

MD: 8042.00 ft Inc:
88.99 deg Az: 89.39
deg TVD: 6057.46 ft



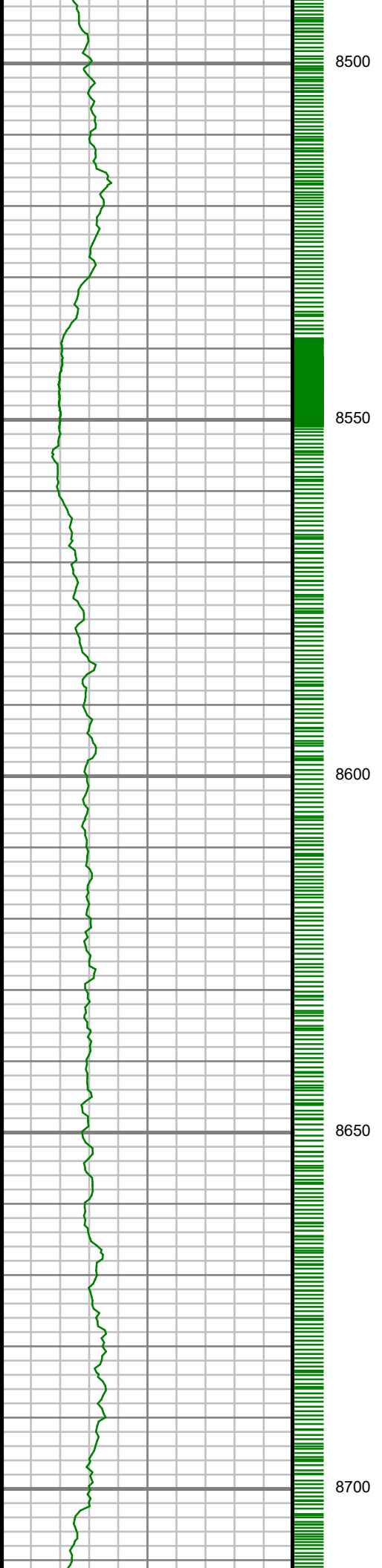
MD: 8136.00 ft Inc:
88.82 deg Az: 89.57
deg TVD: 6059.25 ft

MD: 8229.00 ft Inc:
88.66 deg Az: 89.24
deg TVD: 6061.30 ft



MD: 8323.00 ft Inc:
88.39 deg Az: 89.83
deg TVD: 6063.72 ft

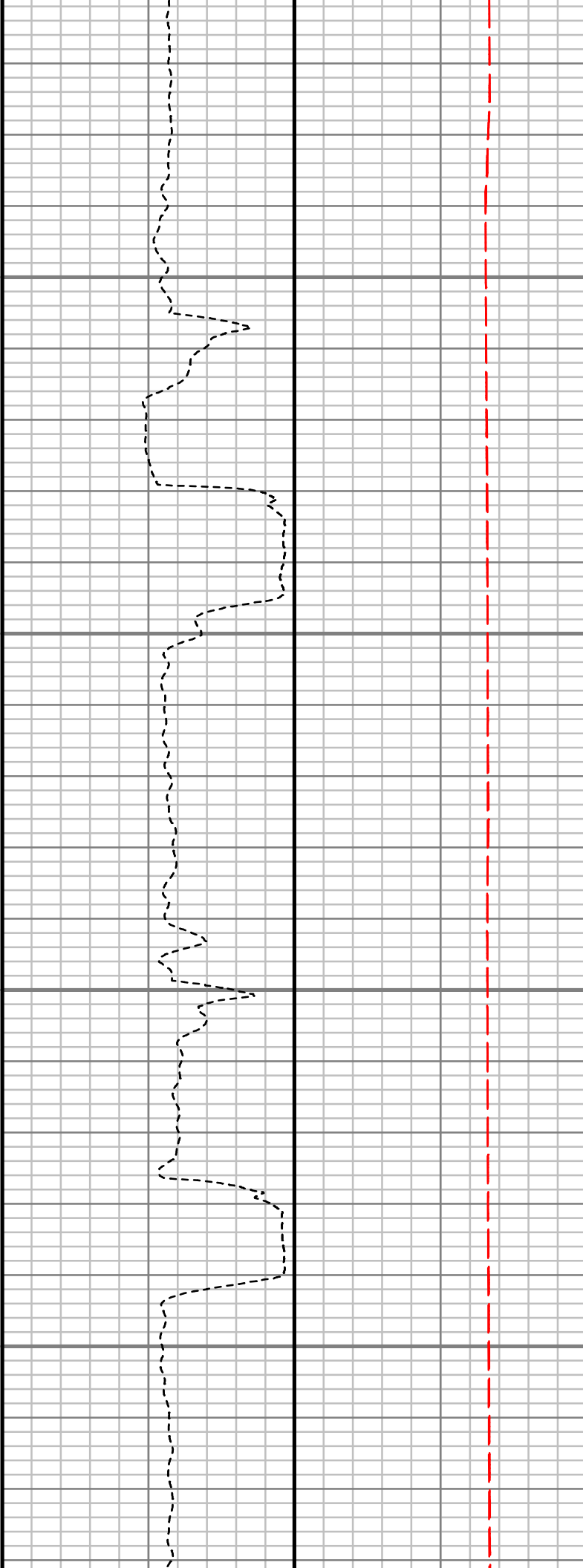
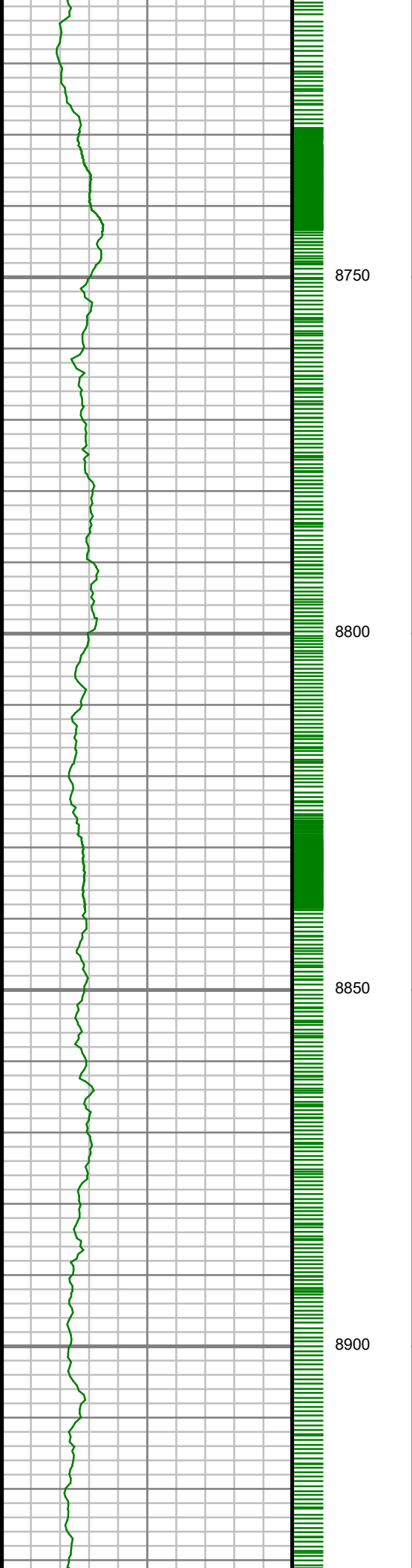
MD: 8416.00 ft Inc:
89.09 deg Az: 88.84
deg TVD: 6065.76 ft



MD: 8510.00 ft Inc:
88.63 deg Az: 88.83
deg TVD: 6067.64 ft

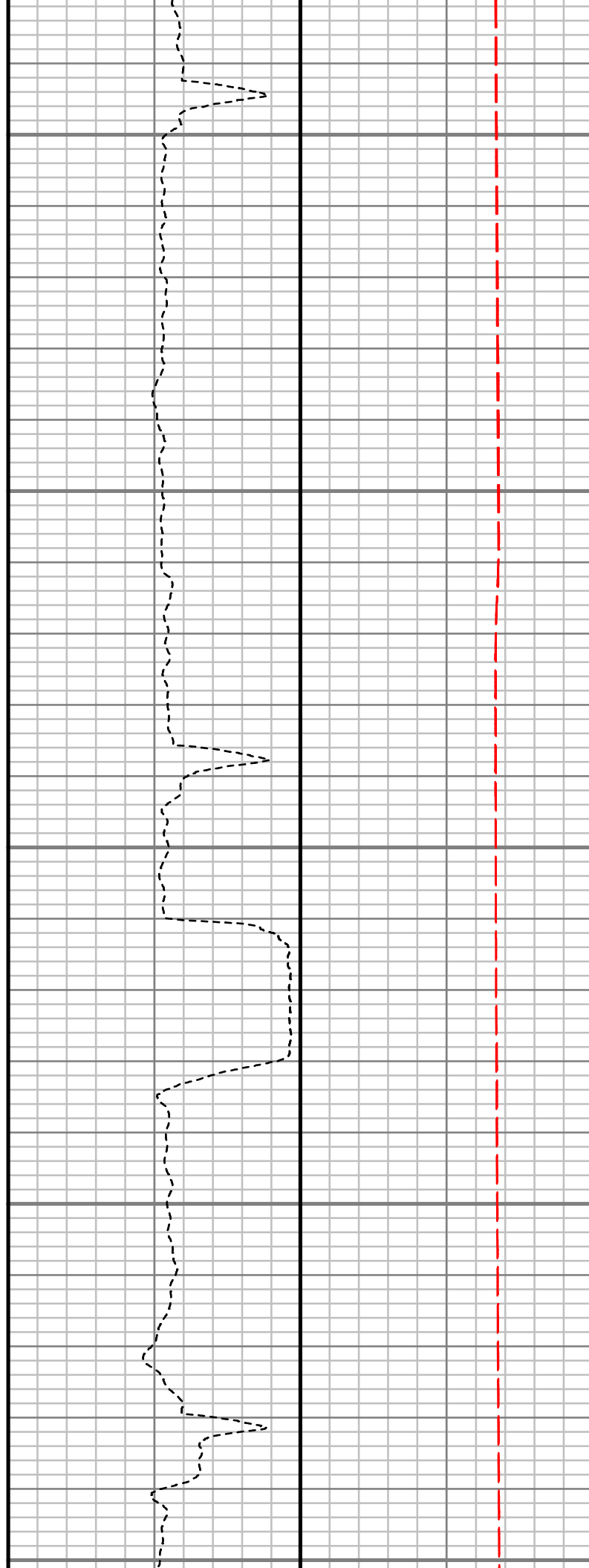
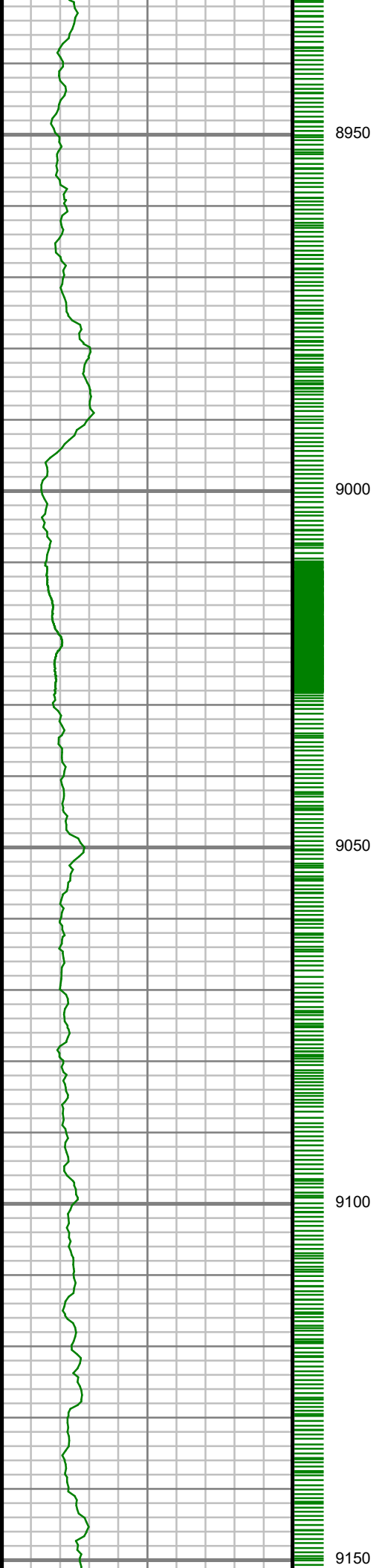
MD: 8604.00 ft Inc:
90.34 deg Az: 88.45
deg TVD: 6068.49 ft

MD: 8698.00 ft Inc:
92.45 deg Az: 89.06
deg TVD: 6066.20 ft



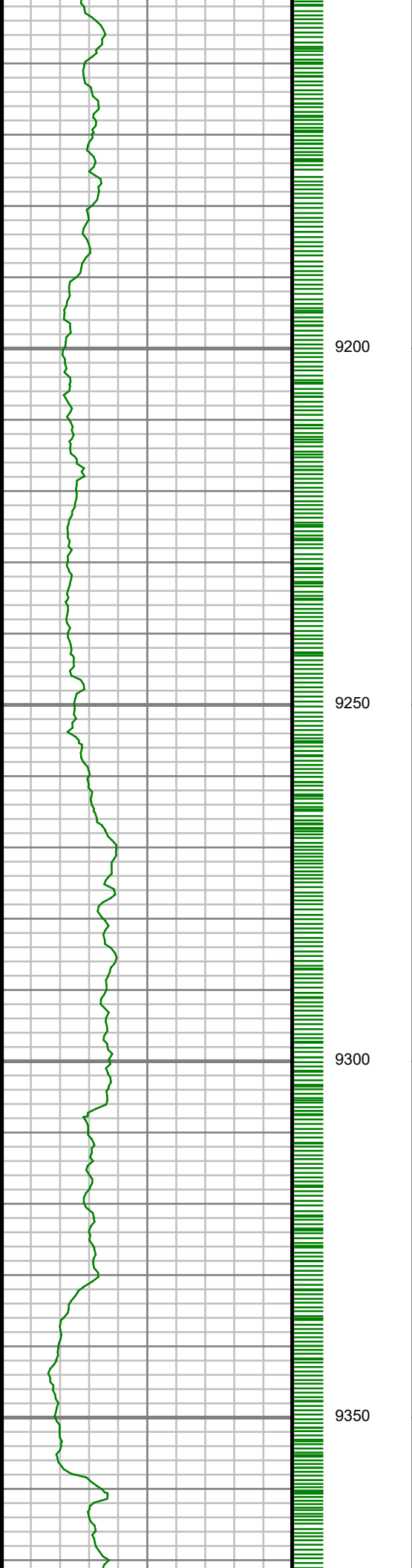
MD: 8791.00 ft Inc:
91.68 deg Az: 88.11
deg TVD: 6062.85 ft

MD: 8885.00 ft Inc:
90.81 deg Az: 88.66
deg TVD: 6060.81 ft



MD: 8978.00 ft Inc:
91.14 deg Az: 89.05
deg TVD: 6059.23 ft

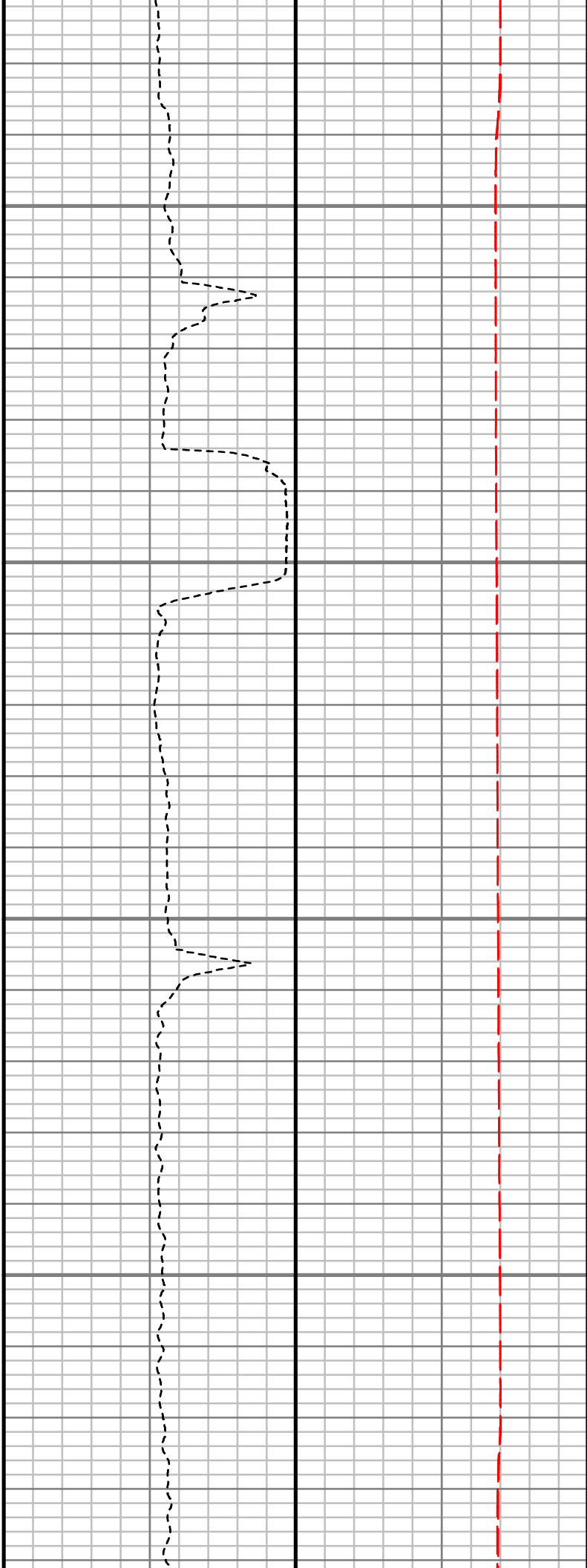
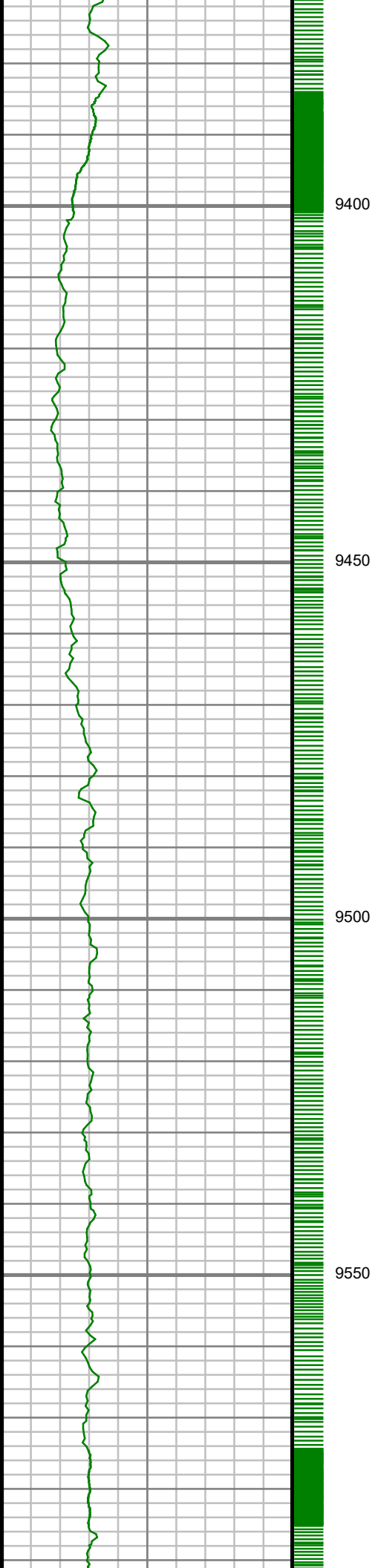
MD: 9072.00 ft Inc:
89.66 deg Az: 89.64
deg TVD: 6058.57 ft



MD: 9166.00 ft Inc:
89.93 deg Az: 88.91
deg TVD: 6058.90 ft

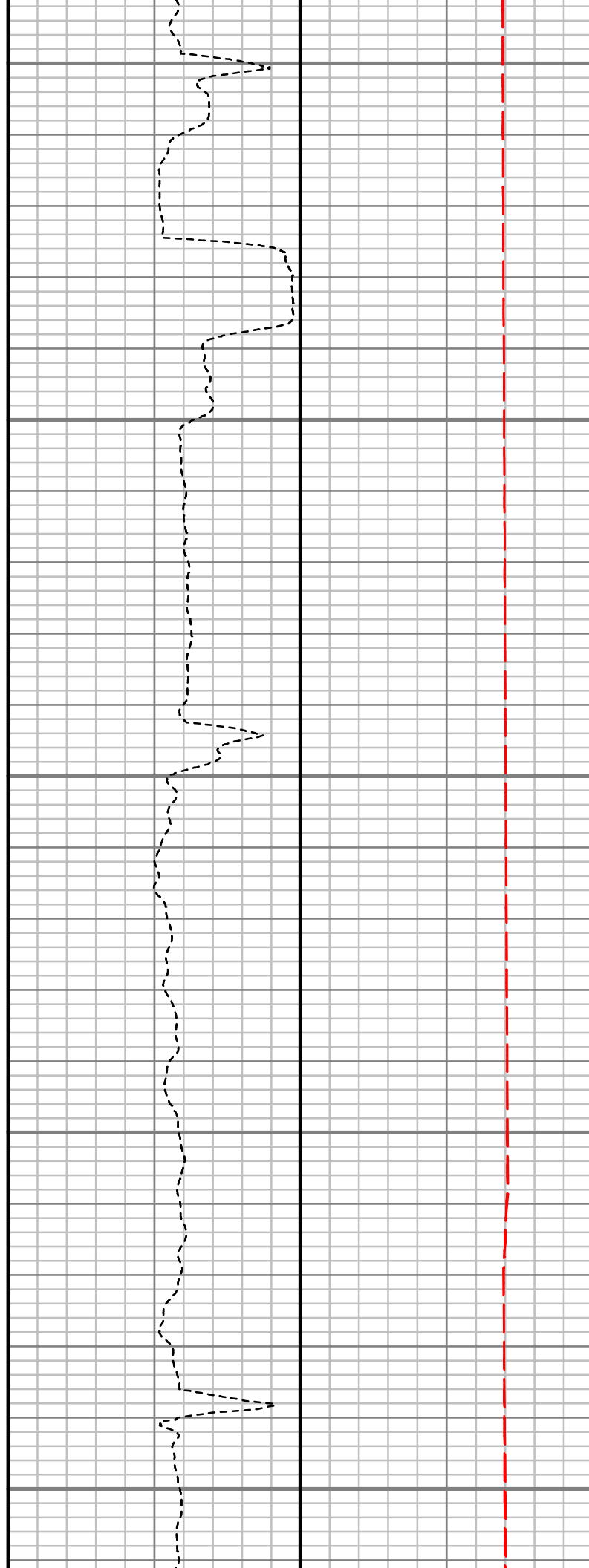
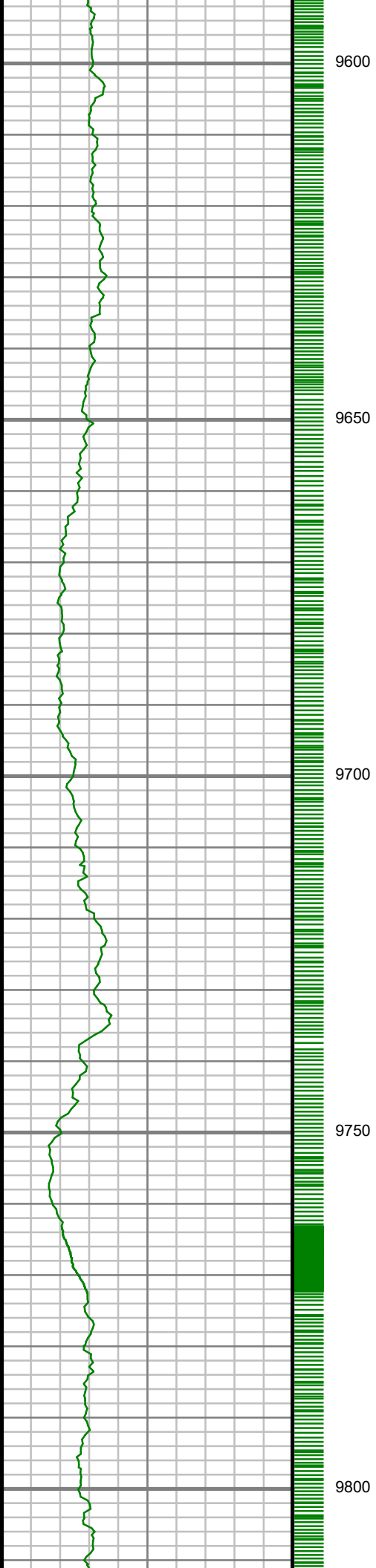
MD: 9260.00 ft Inc:
90.37 deg Az: 88.94
deg TVD: 6058.65 ft

MD: 9353.00 ft Inc:
90.60 deg Az: 89.95
deg TVD: 6057.86 ft



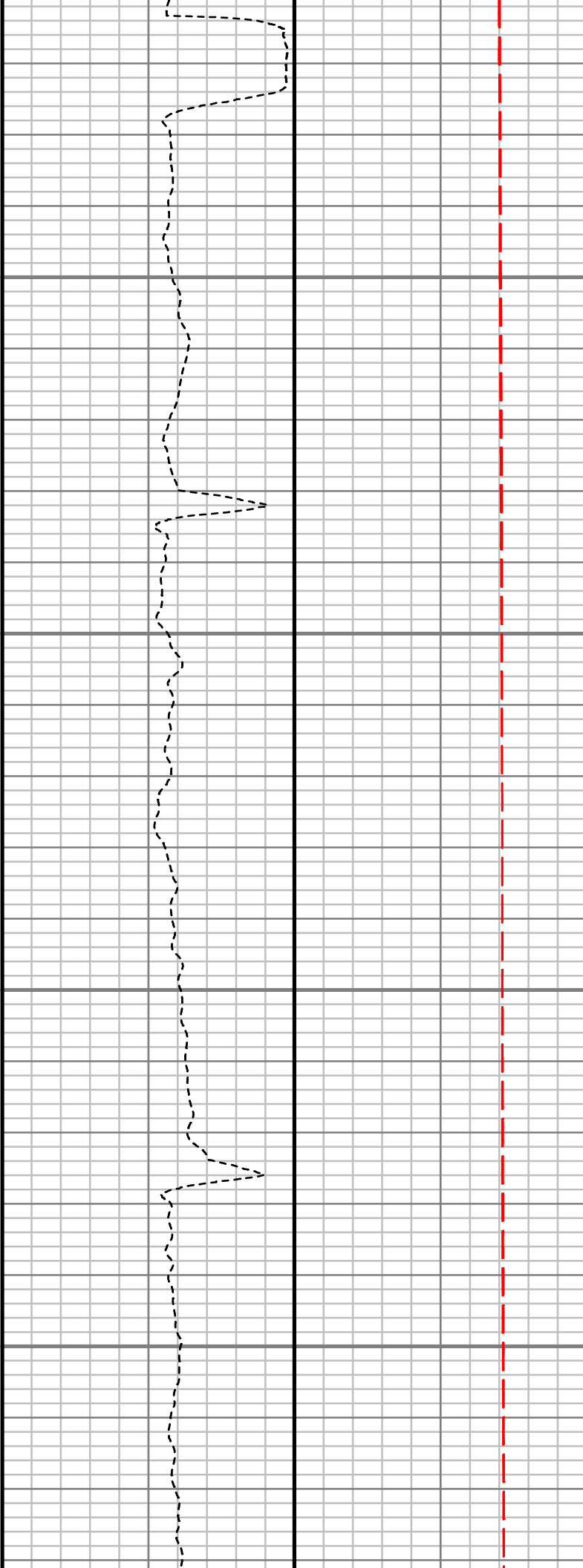
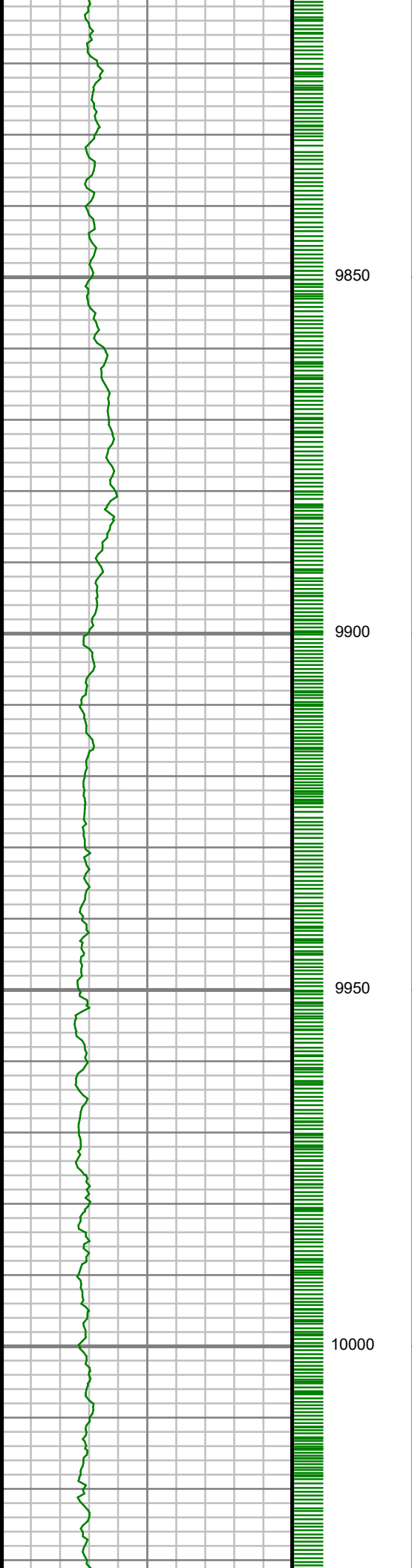
MD: 9447.00 ft Inc:
89.87 deg Az: 88.51
deg TVD: 6057.48 ft

MD: 9541.00 ft Inc:
90.40 deg Az: 88.12
deg TVD: 6057.26 ft



MD: 9635.00 ft Inc:
89.93 deg Az: 86.96
deg TVD: 6056.98 ft

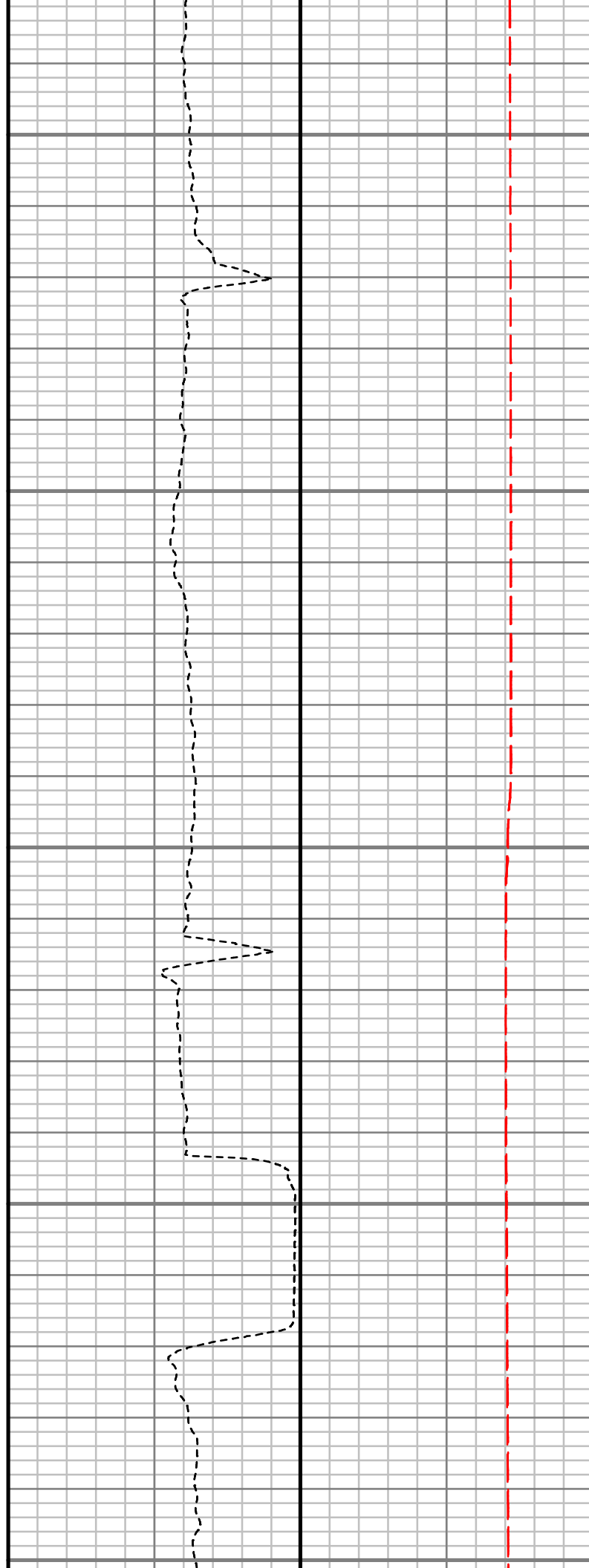
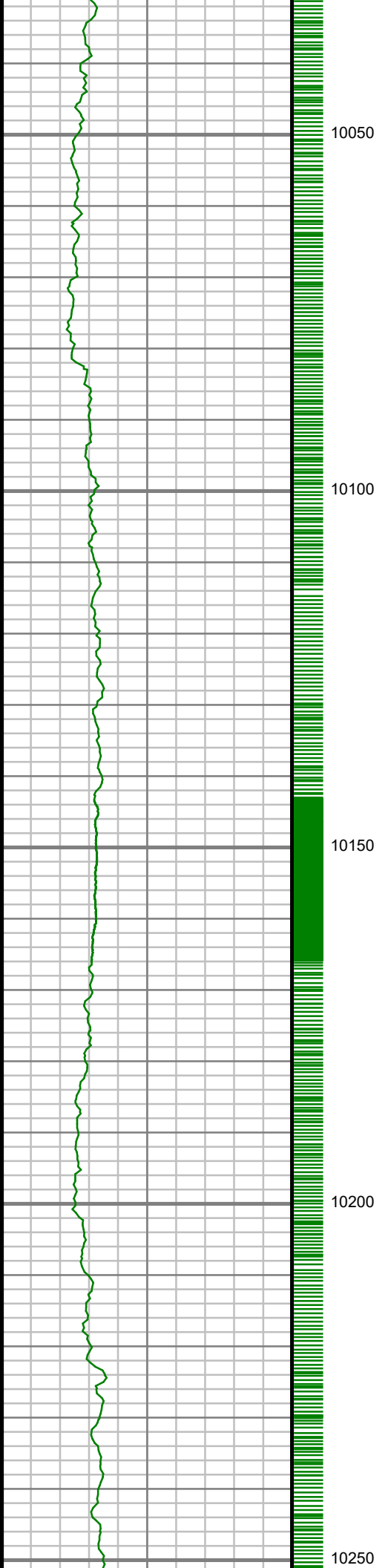
MD: 9728.00 ft Inc:
90.03 deg Az: 86.75
deg TVD: 6057.01 ft



MD: 9822.00 ft Inc:
89.30 deg Az: 88.46
deg TVD: 6057.56 ft

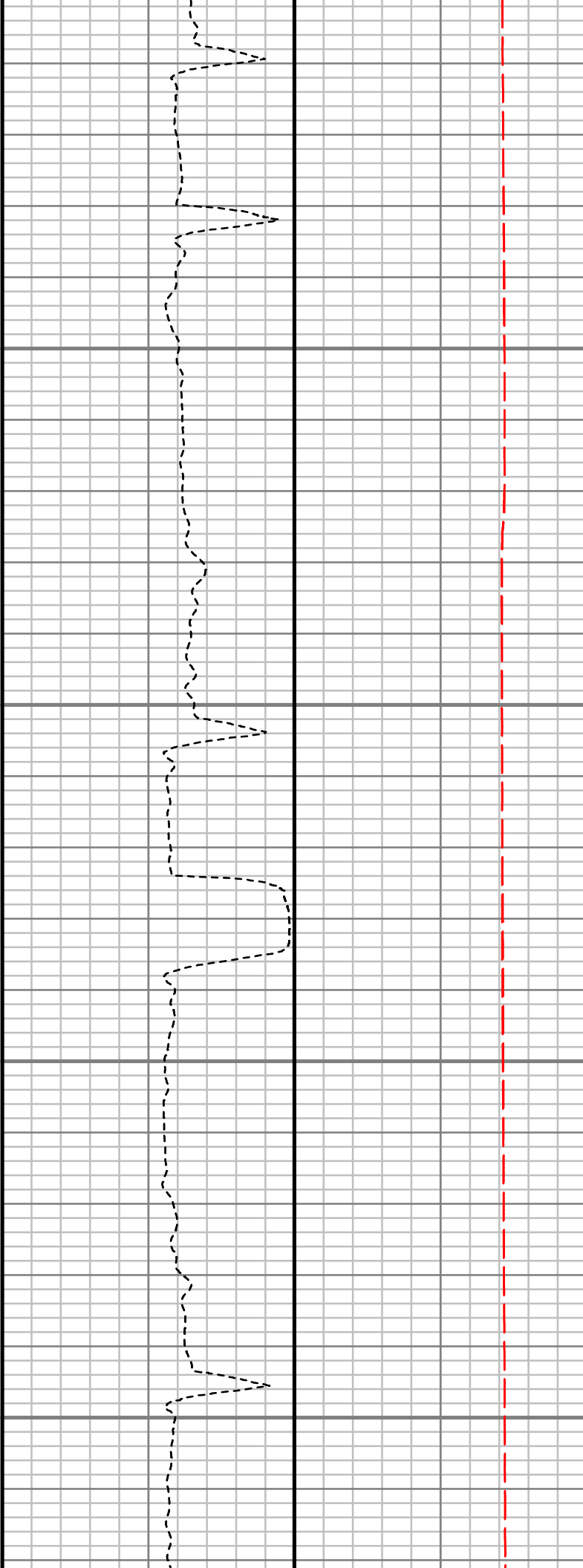
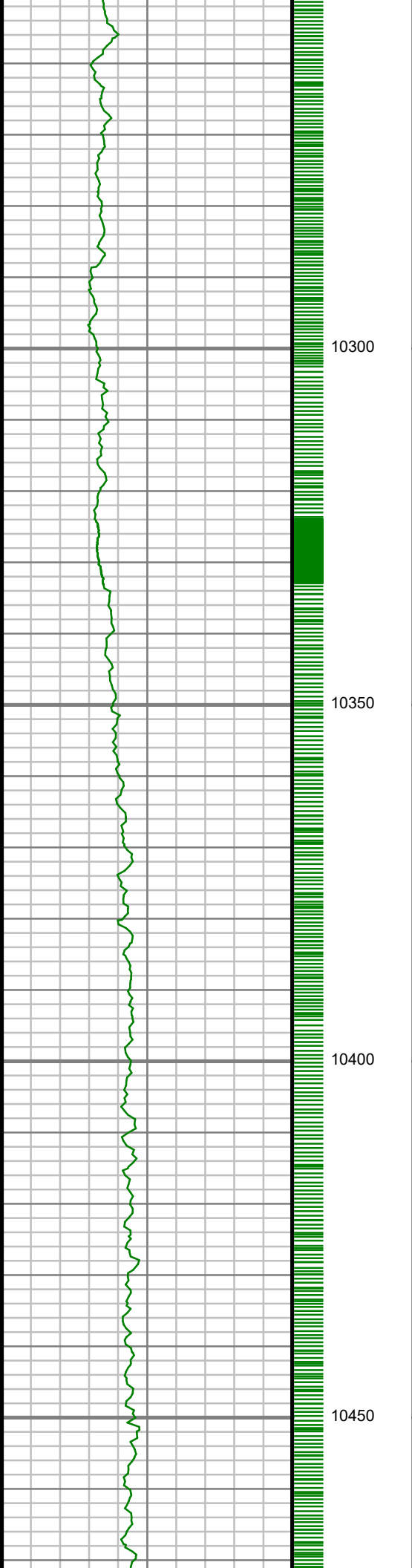
MD: 9916.00 ft Inc:
89.13 deg Az: 88.28
deg TVD: 6058.85 ft

MD: 10010.00 ft Inc:
89.33 deg Az: 88.03
deg TVD: 6060.12 ft



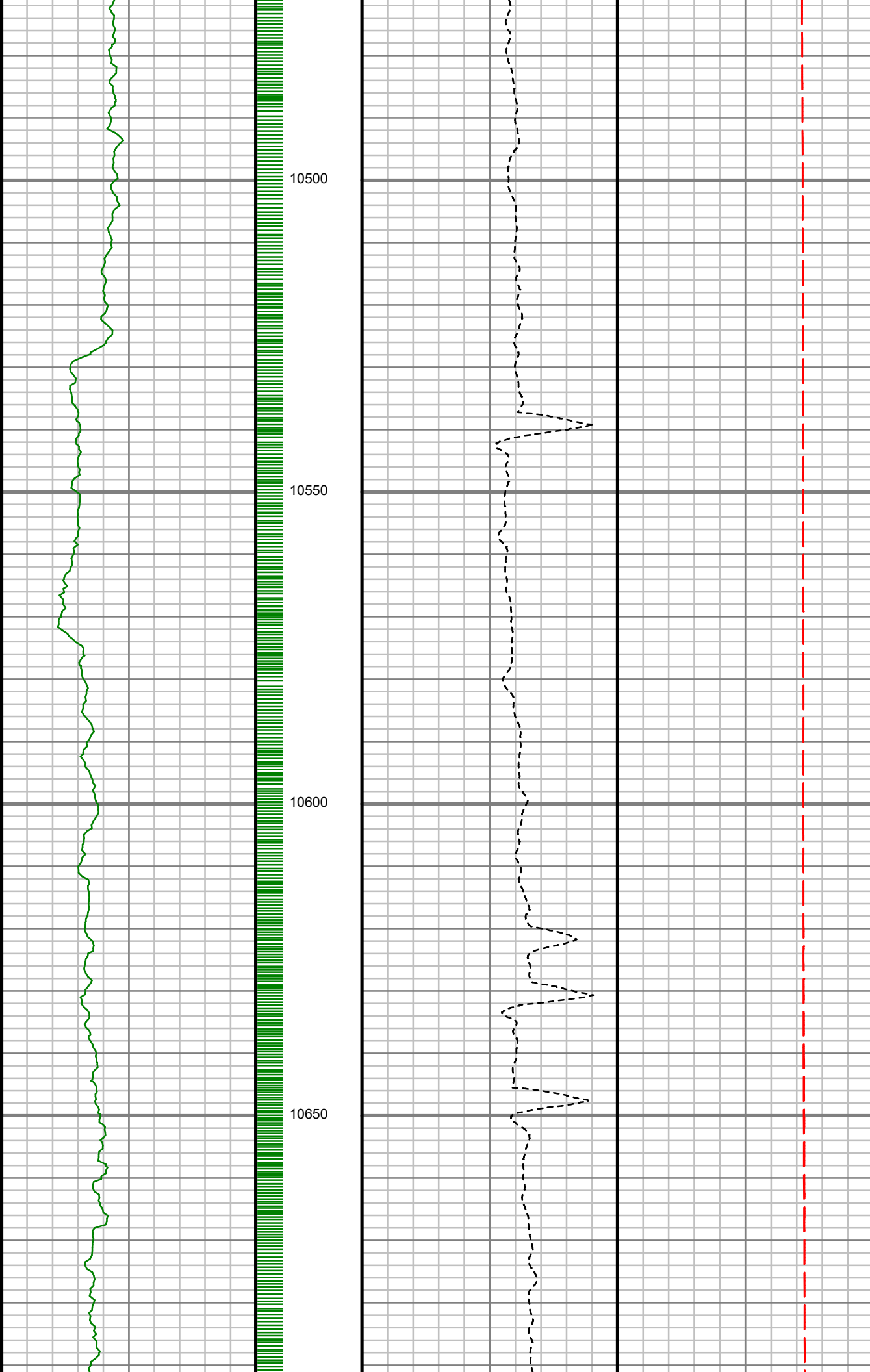
MD: 10103.00 ft Inc:
89.33 deg Az: 87.62
deg TVD: 6061.21 ft

MD: 10198.00 ft Inc:
89.33 deg Az: 89.37
deg TVD: 6062.32 ft



MD: 10293.00 ft Inc:
89.06 deg Az: 88.43
deg TVD: 6063.65 ft

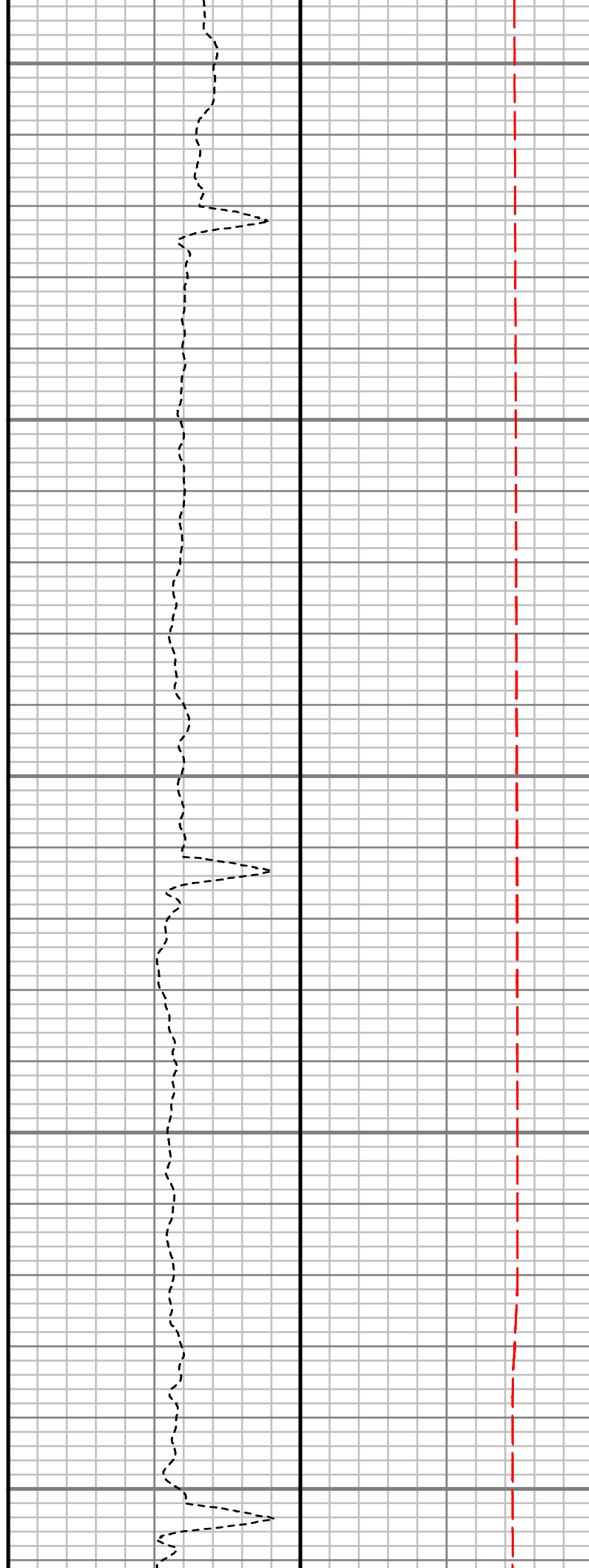
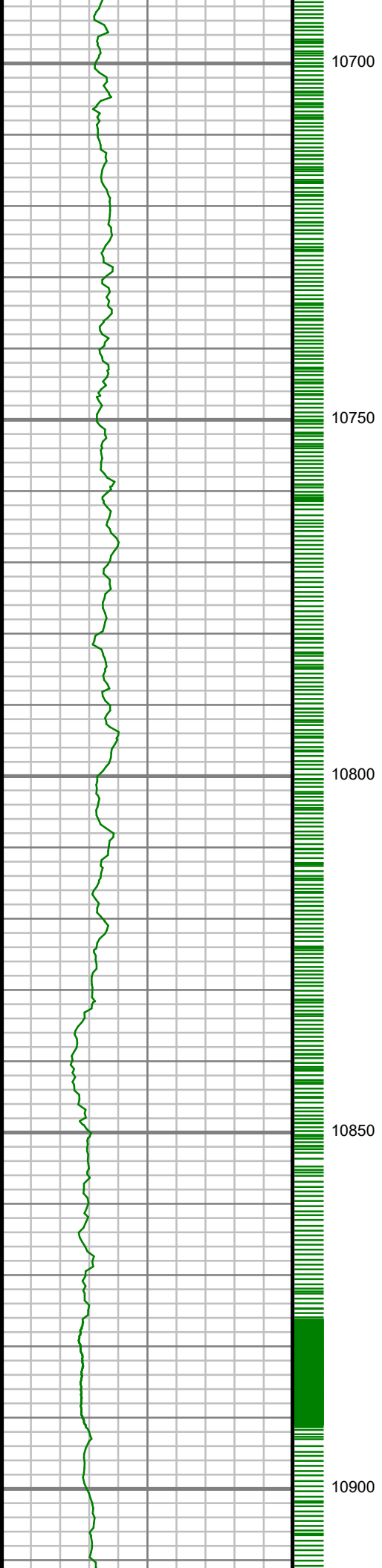
MD: 10387.00 ft Inc:
89.93 deg Az: 88.80
deg TVD: 6064.48 ft



MD: 10480.00 ft Inc:
90.34 deg Az: 89.45
deg TVD: 6064.26 ft

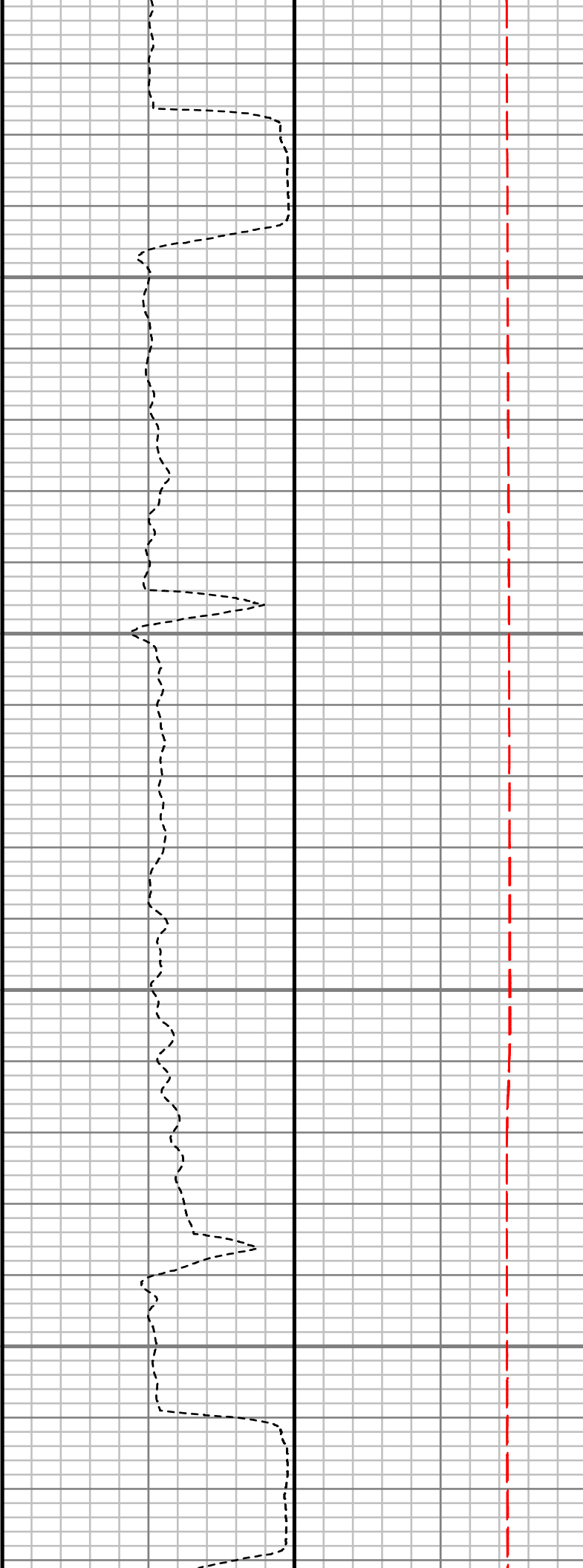
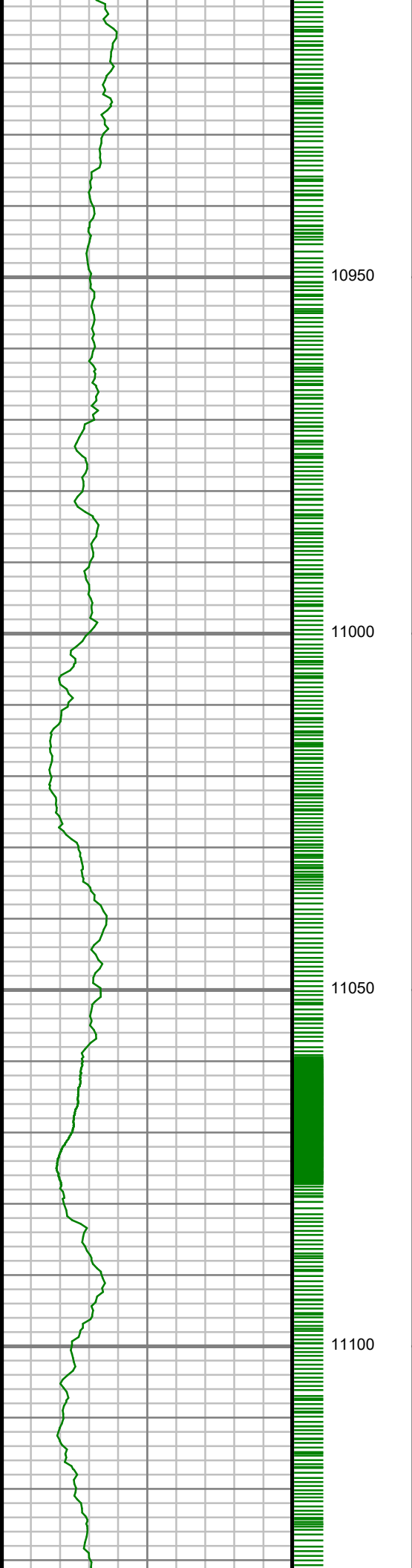
MD: 10572.00 ft Inc:
89.90 deg Az: 89.60
deg TVD: 6064.07 ft

MD: 10663.00 ft Inc:
89.77 deg Az: 89.86
deg TVD: 6064.34 ft



MD: 10754.00 ft Inc:
90.37 deg Az: 90.04
deg TVD: 6064.23 ft

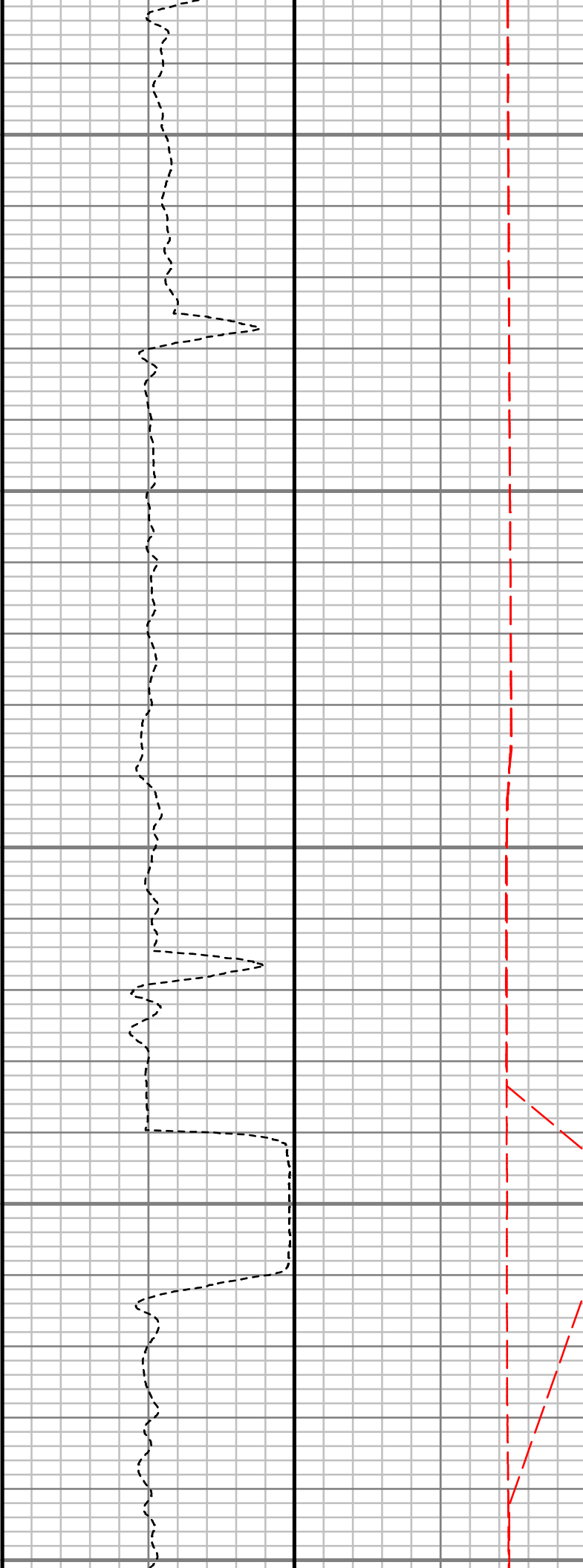
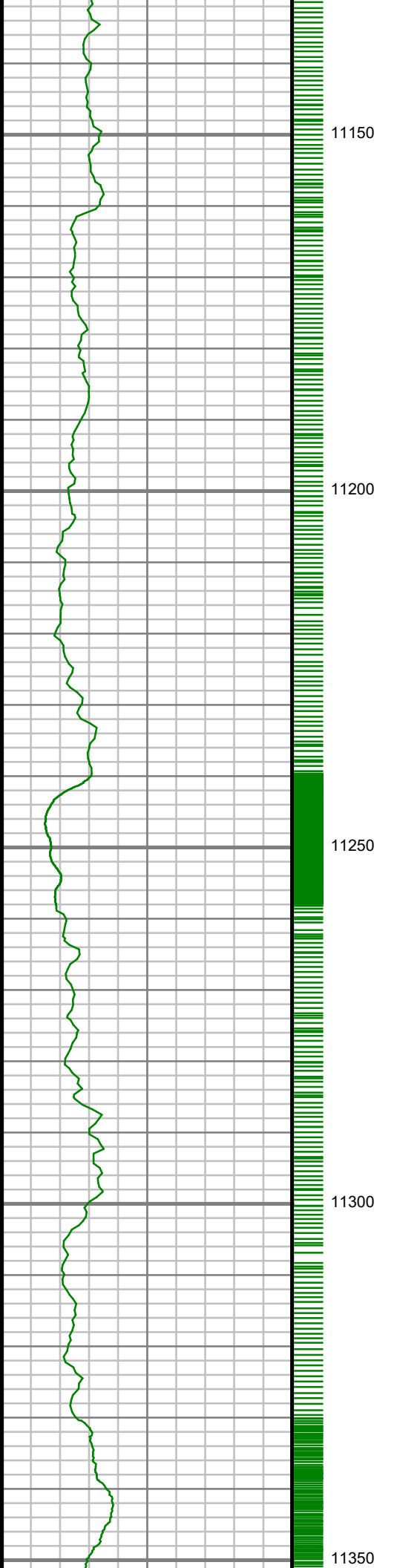
MD: 10845.00 ft Inc:
91.17 deg Az: 90.23
deg TVD: 6063.01 ft



MD: 10936.00 ft Inc:
90.30 deg Az: 89.35
deg TVD: 6061.84 ft

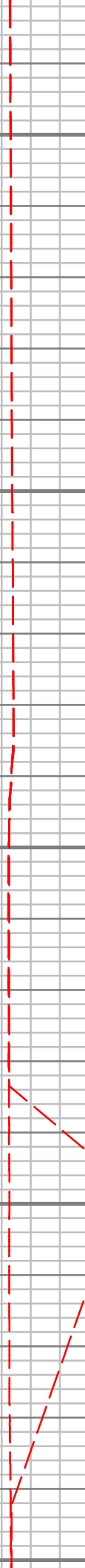
MD: 11027.00 ft Inc:
90.91 deg Az: 89.86
deg TVD: 6060.88 ft

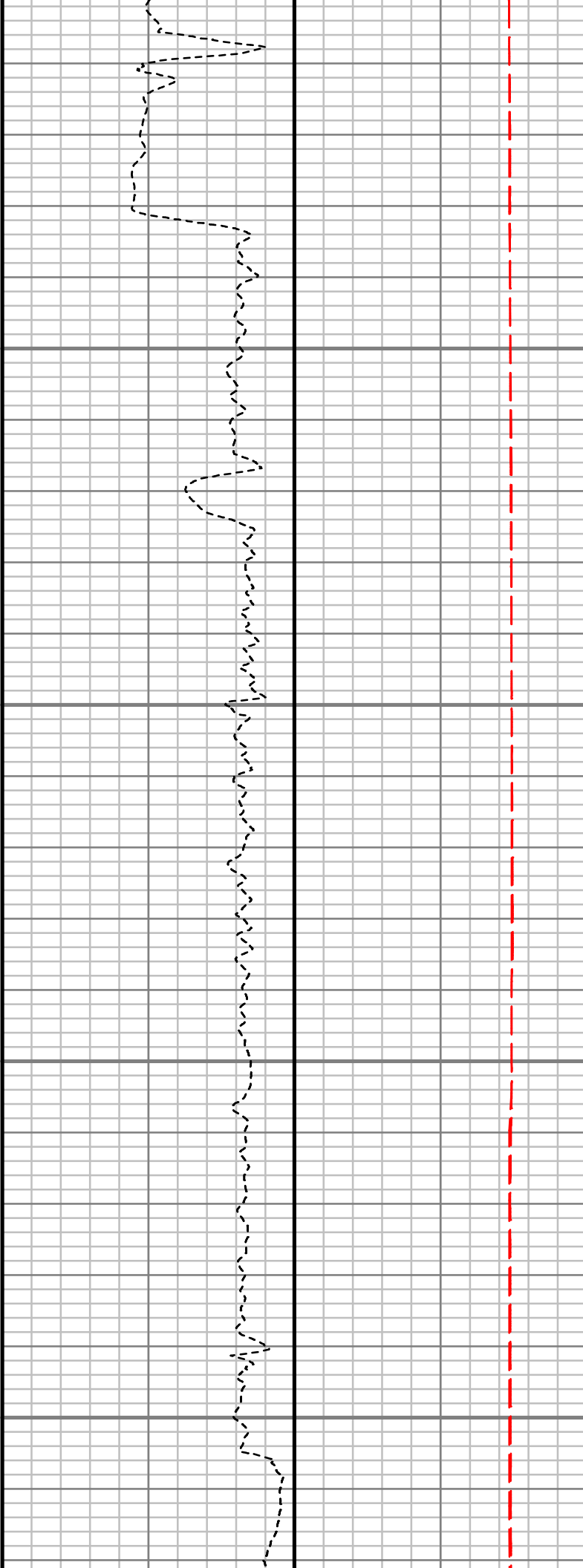
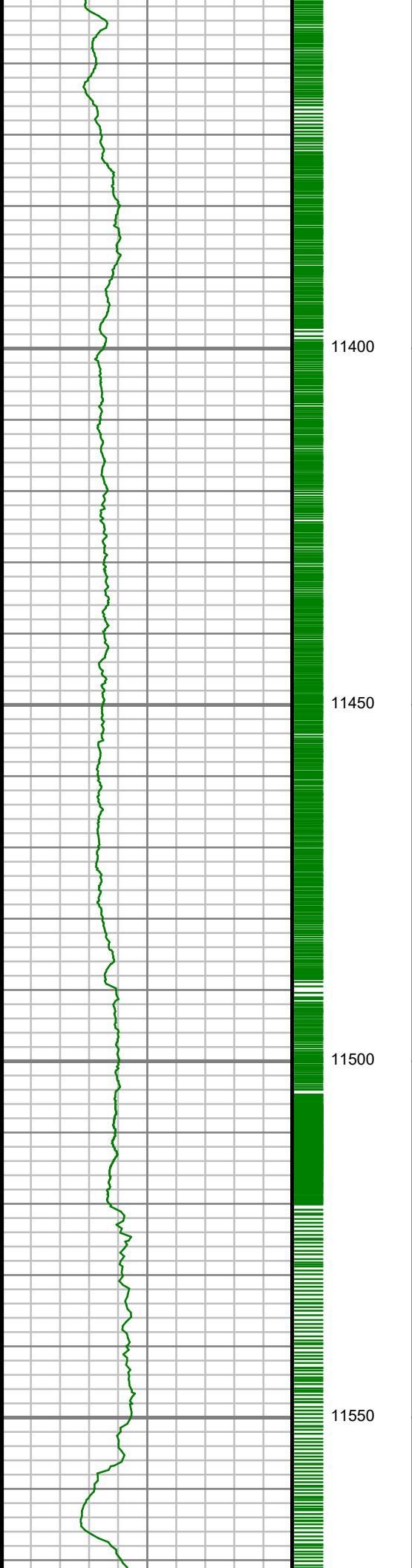
MD: 11118.00 ft Inc:
90.10 deg Az: 89.89
deg TVD: 6060.08 ft



MD: 11210.00 ft Inc:
90.77 deg Az: 88.40
deg TVD: 6059.38 ft

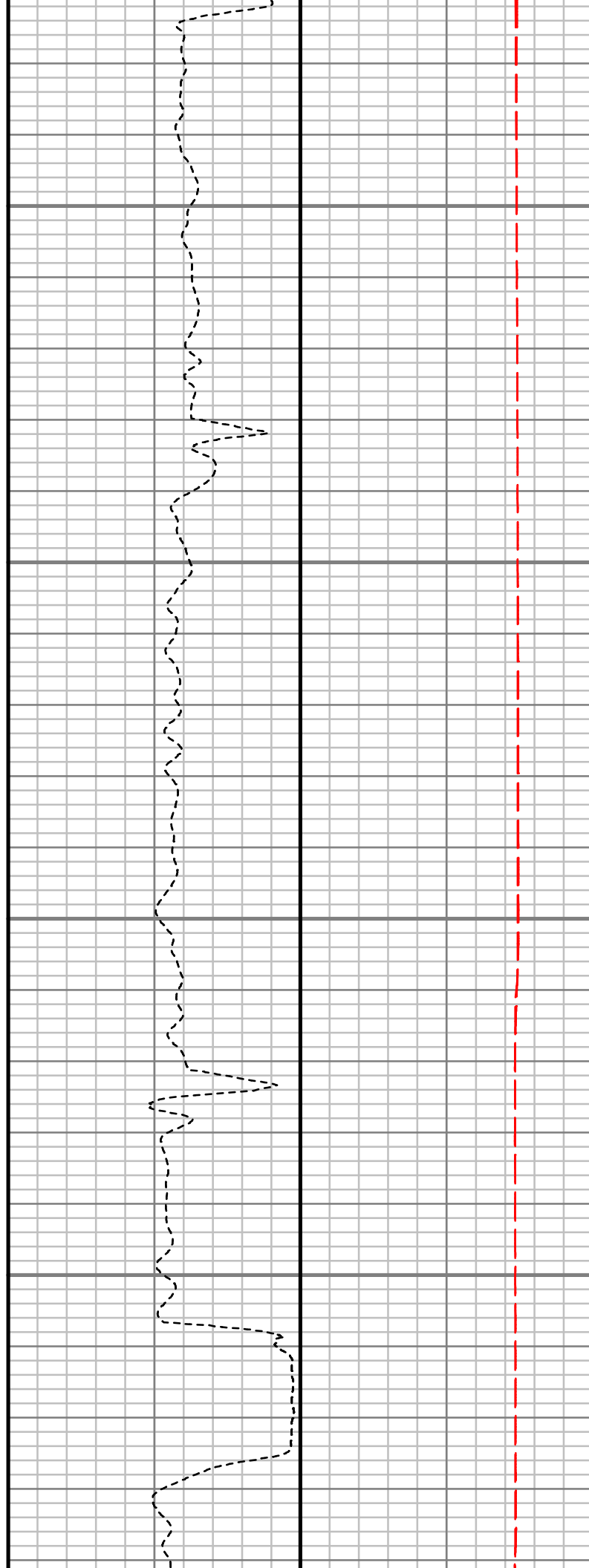
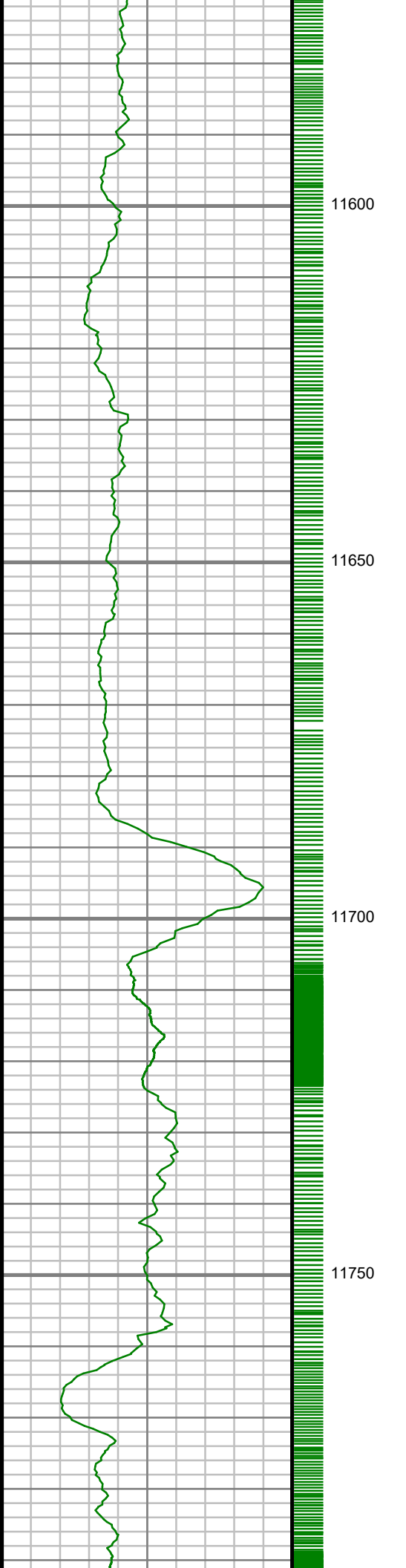
MD: 11301.00 ft Inc:
89.87 deg Az: 88.49
deg TVD: 6058.87 ft





MD: 11392.00 ft Inc:
88.96 deg Az: 87.82
deg TVD: 6059.80 ft

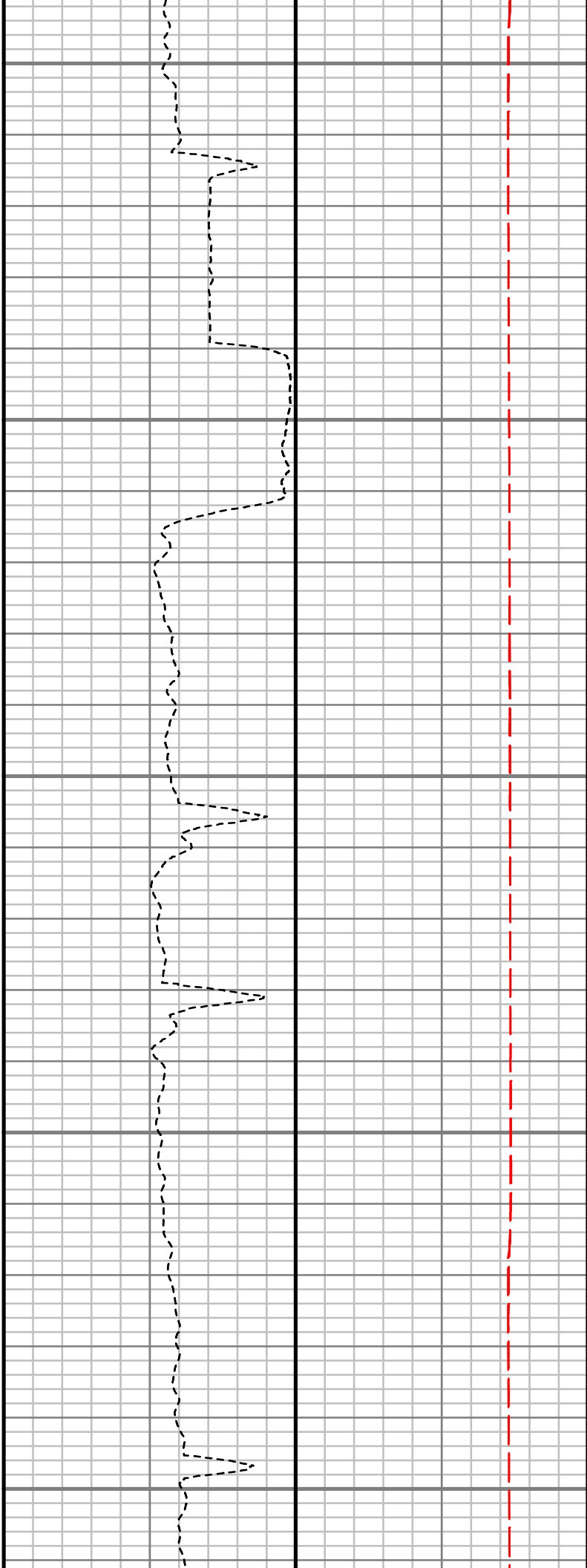
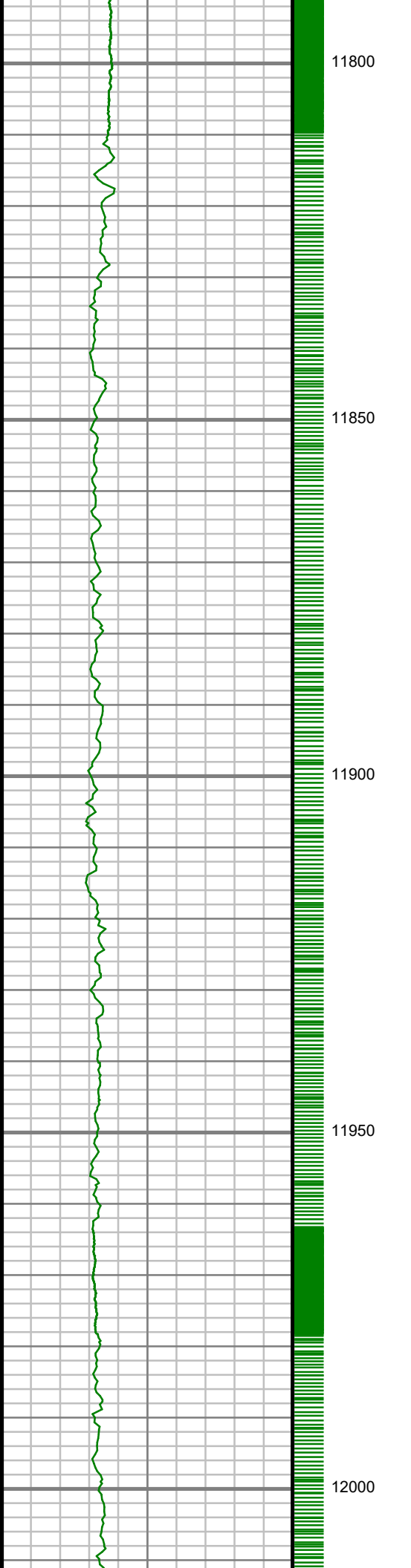
MD: 11483.00 ft Inc:
89.19 deg Az: 86.46
deg TVD: 6061.27 ft



MD: 11574.00 ft Inc:
90.54 deg Az: 88.51
deg TVD: 6061.48 ft

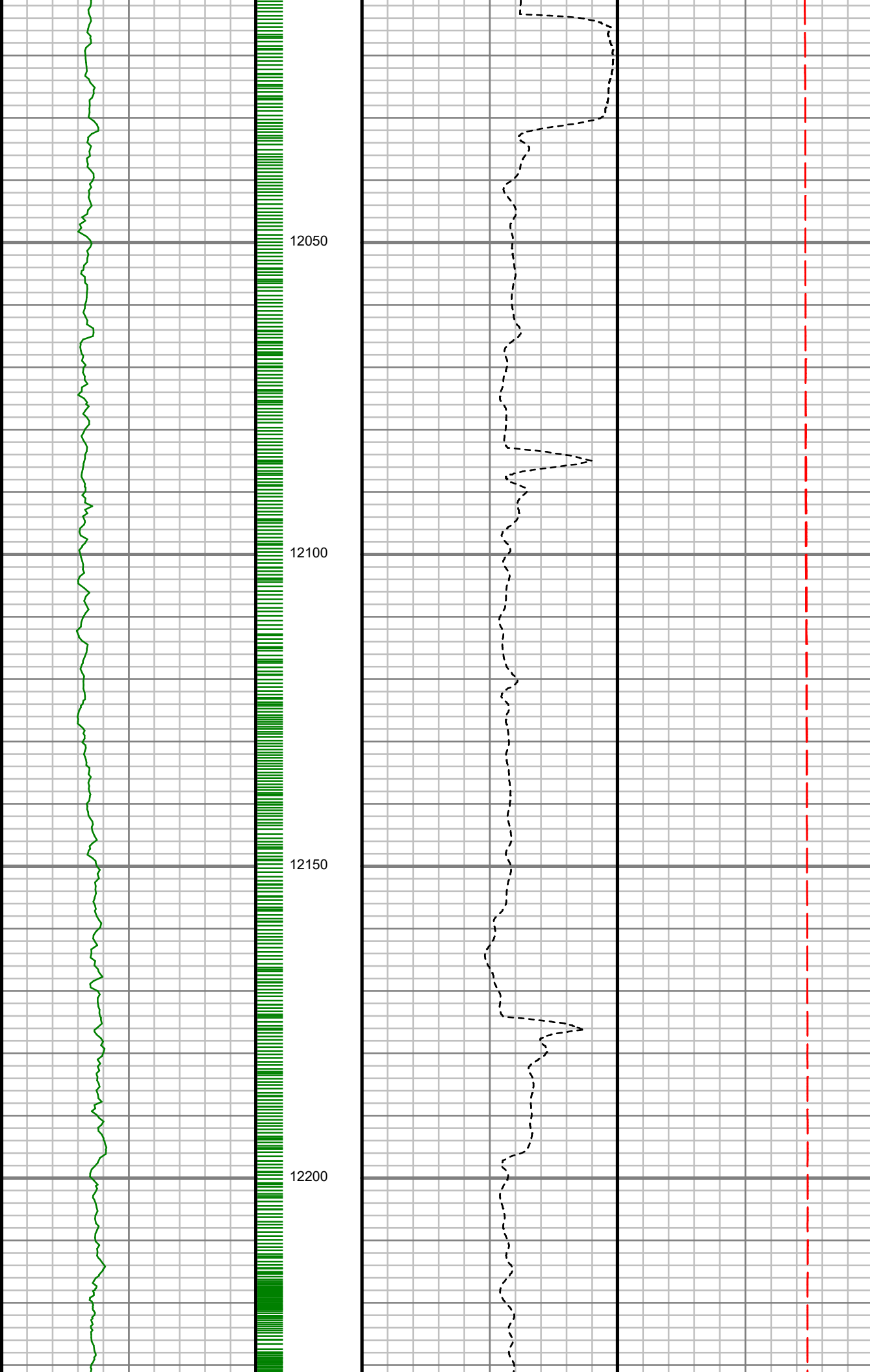
MD: 11665.00 ft Inc:
91.34 deg Az: 88.45
deg TVD: 6059.99 ft

MD: 11755.00 ft Inc:
92.21 deg Az: 89.71
deg TVD: 6057.20 ft



MD: 11846.00 ft Inc:
89.26 deg Az: 88.63
deg TVD: 6056.03 ft

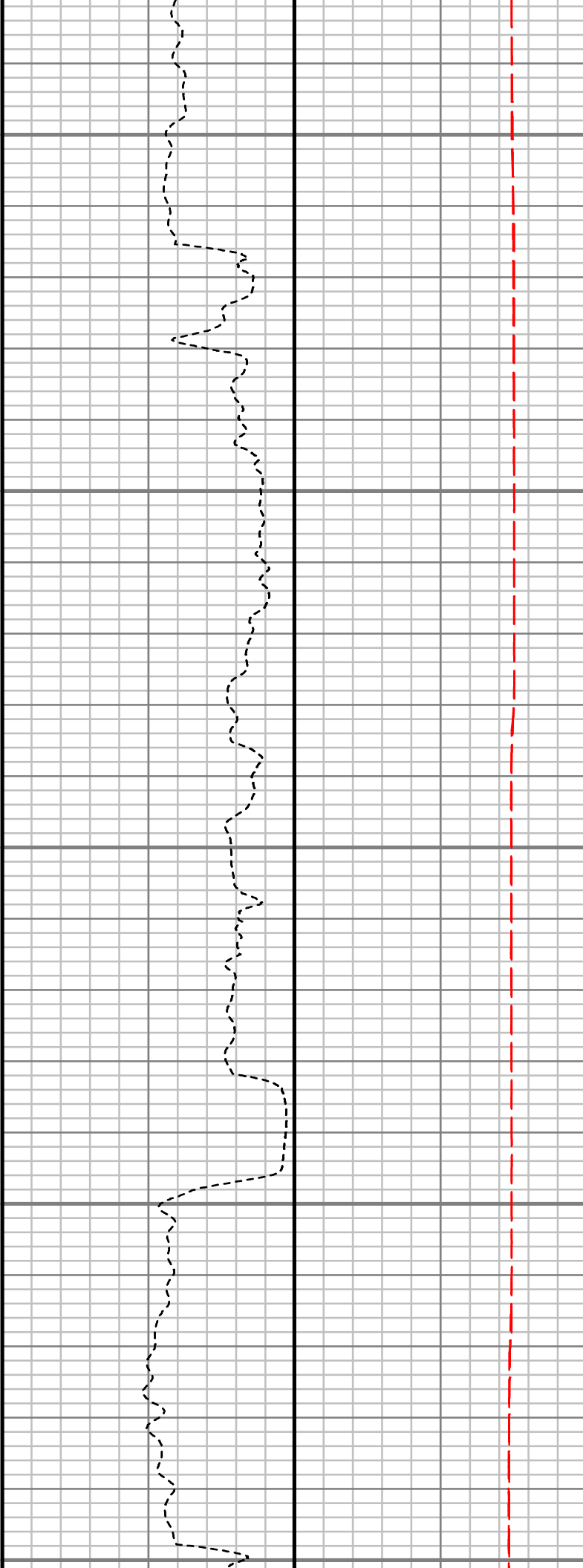
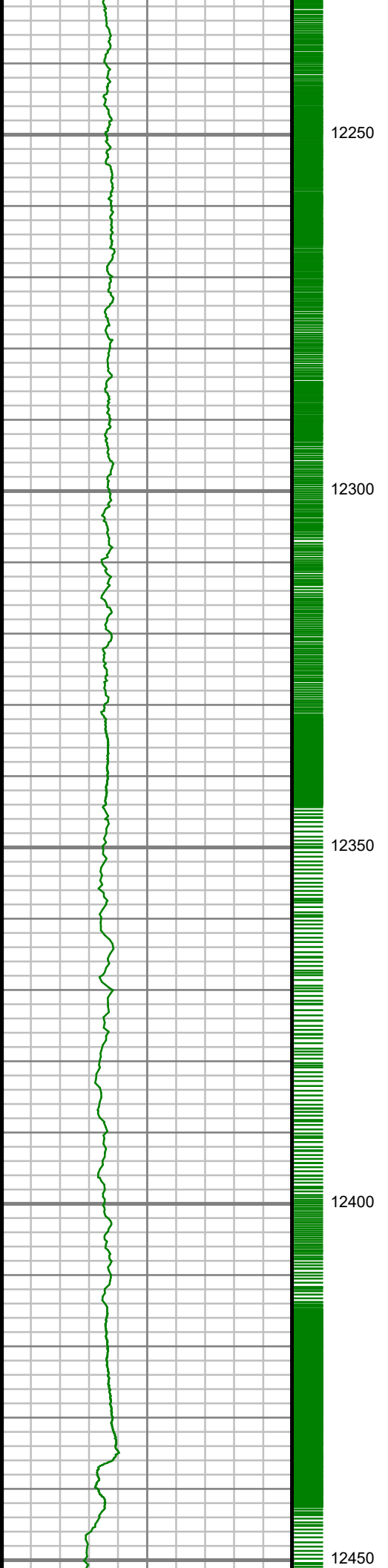
MD: 11937.00 ft Inc:
87.58 deg Az: 86.03
deg TVD: 6058.53 ft



MD: 12028.00 ft Inc:
89.06 deg Az: 88.00
deg TVD: 6061.20 ft

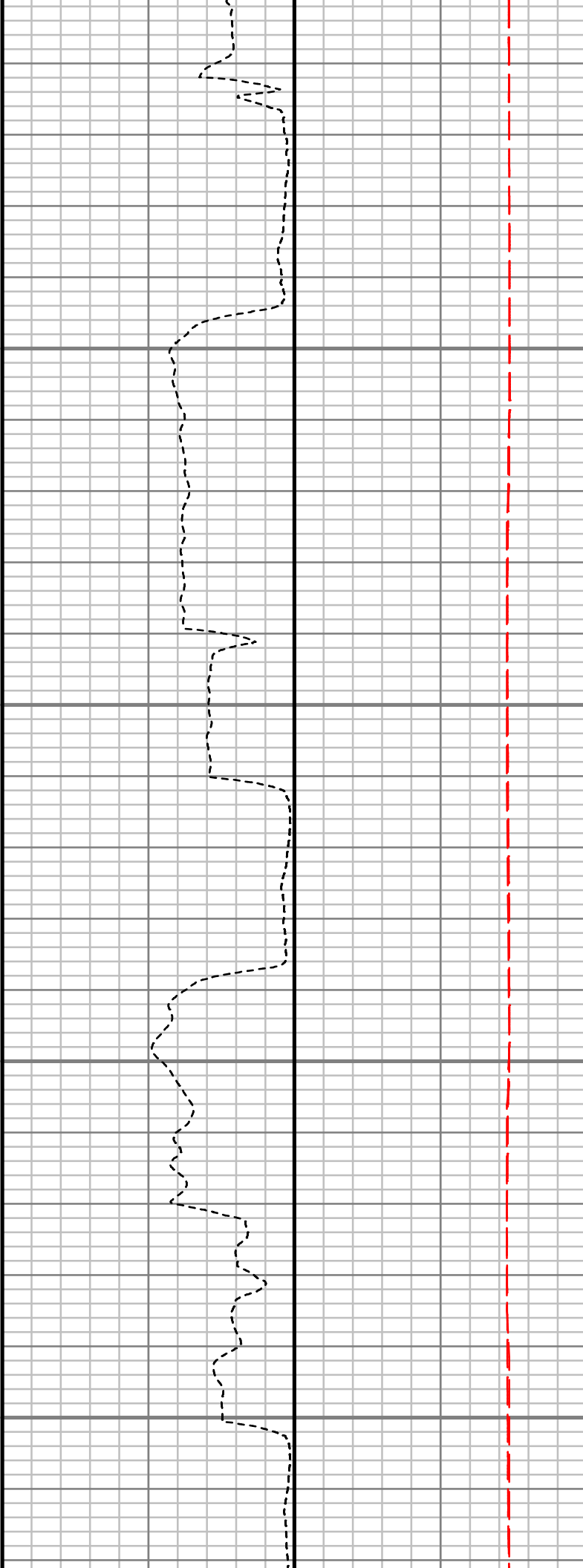
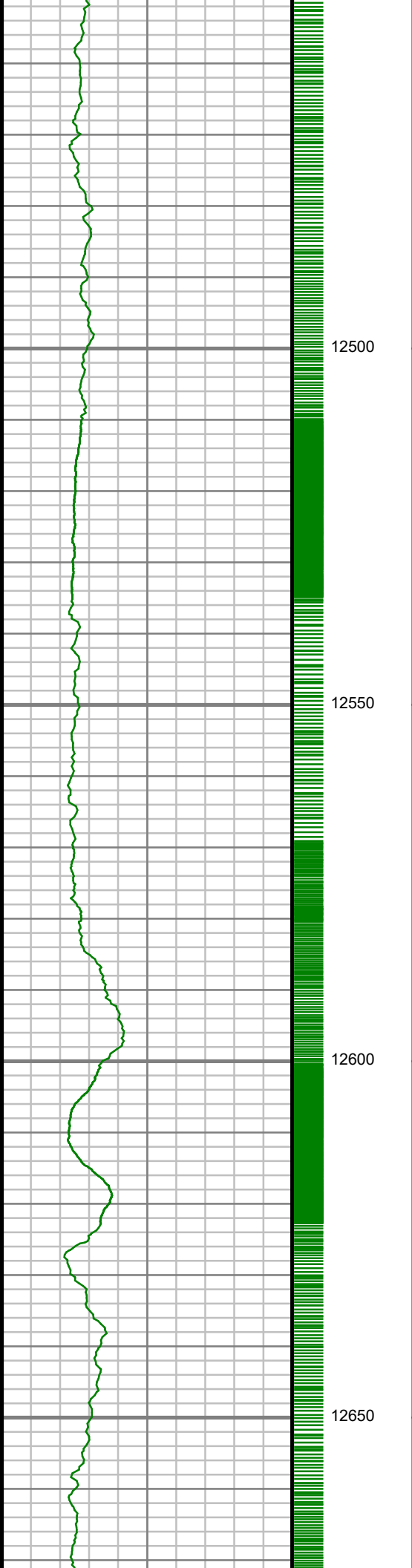
MD: 12119.00 ft Inc:
89.26 deg Az: 87.11
deg TVD: 6062.53 ft

MD: 12210.00 ft Inc:
90.00 deg Az: 88.38
deg TVD: 6063.12 ft



MD: 12301.00 ft Inc:
89.56 deg Az: 88.95
deg TVD: 6063.47 ft

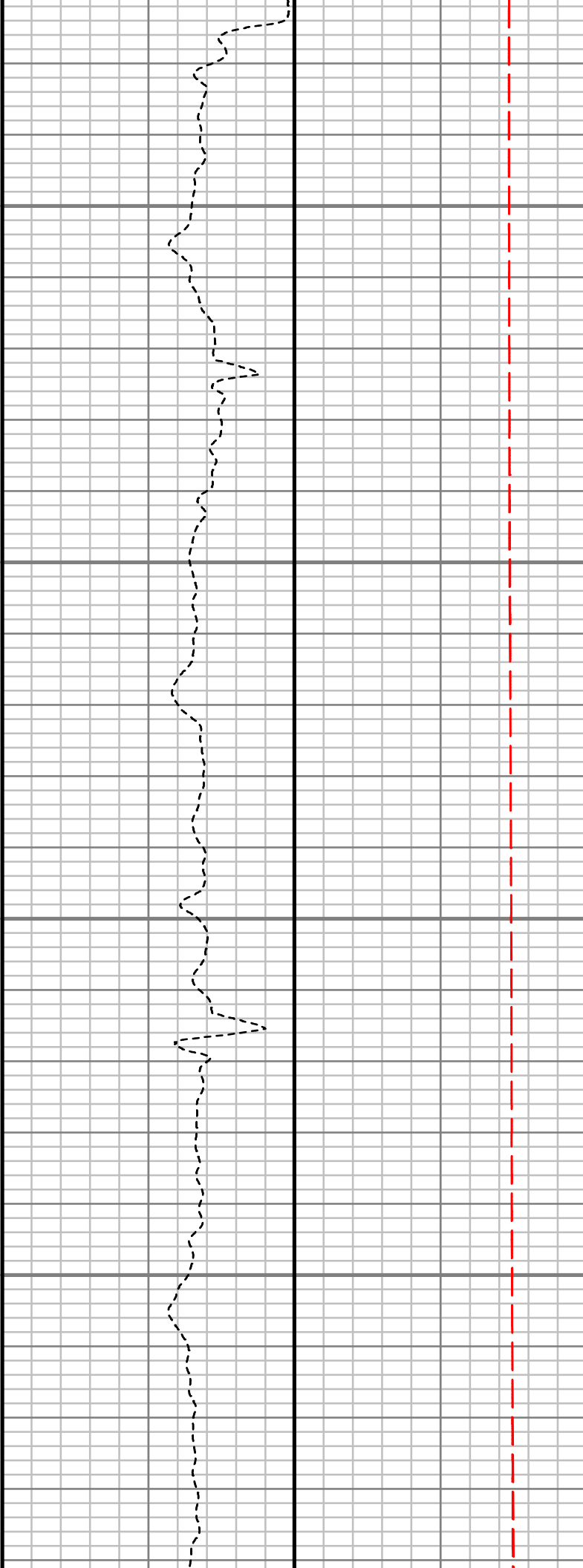
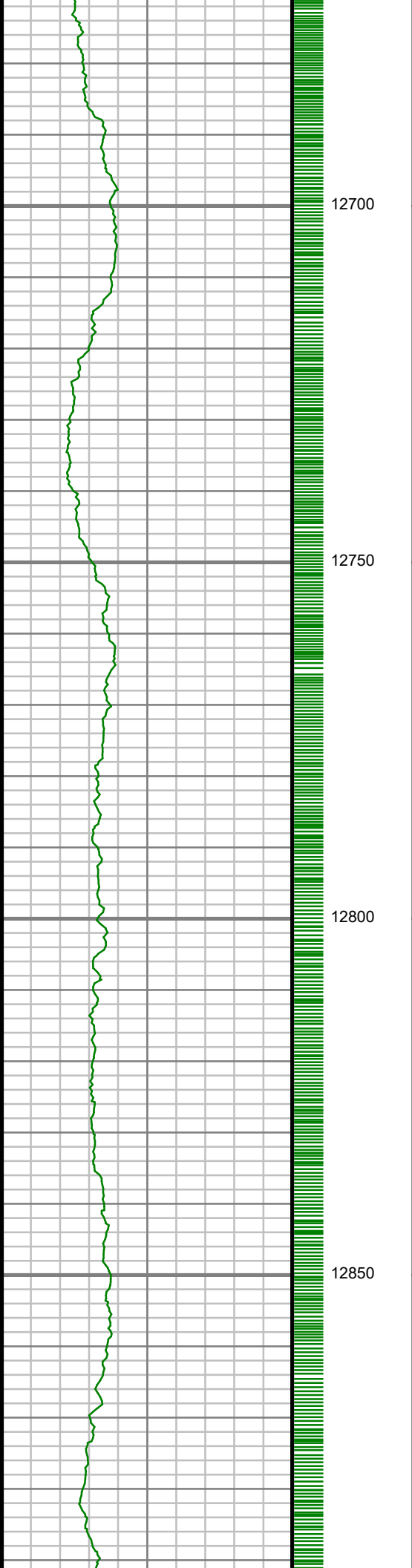
MD: 12393.00 ft Inc:
87.88 deg Az: 84.66
deg TVD: 6065.51 ft



MD: 12484.00 ft Inc:
89.56 deg Az: 84.99
deg TVD: 6067.54 ft

MD: 12575.00 ft Inc:
90.00 deg Az: 86.57
deg TVD: 6067.89 ft

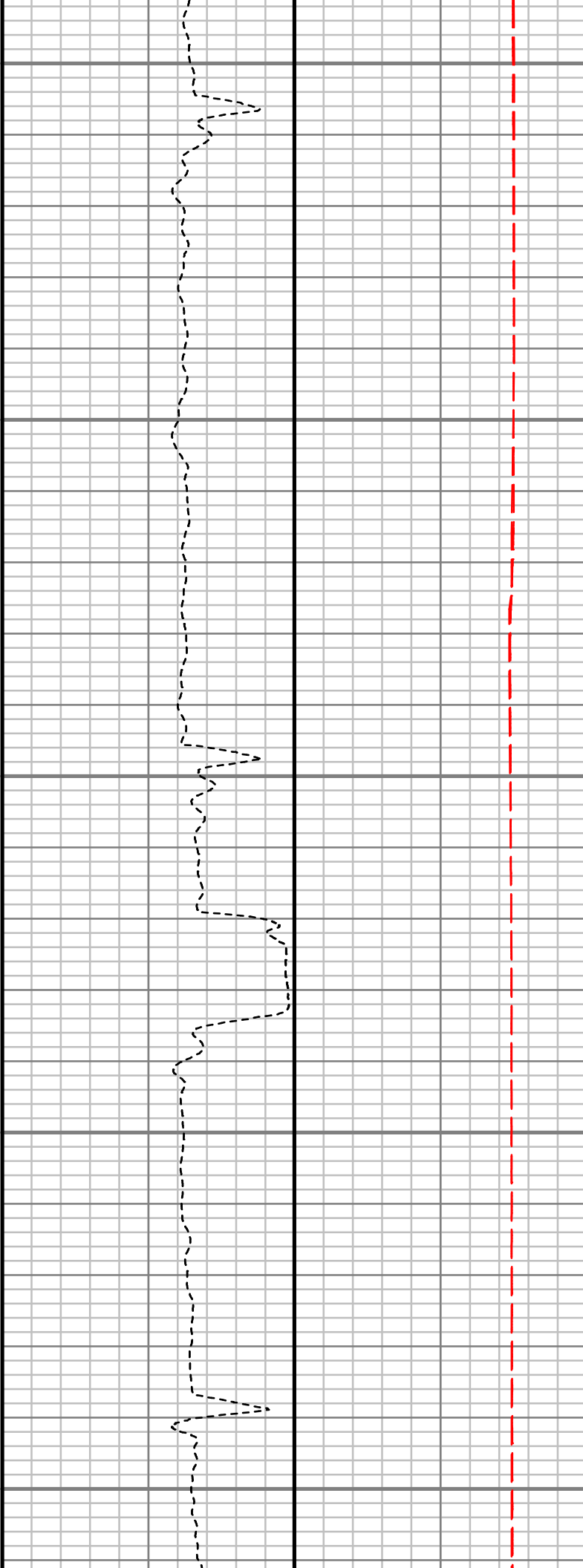
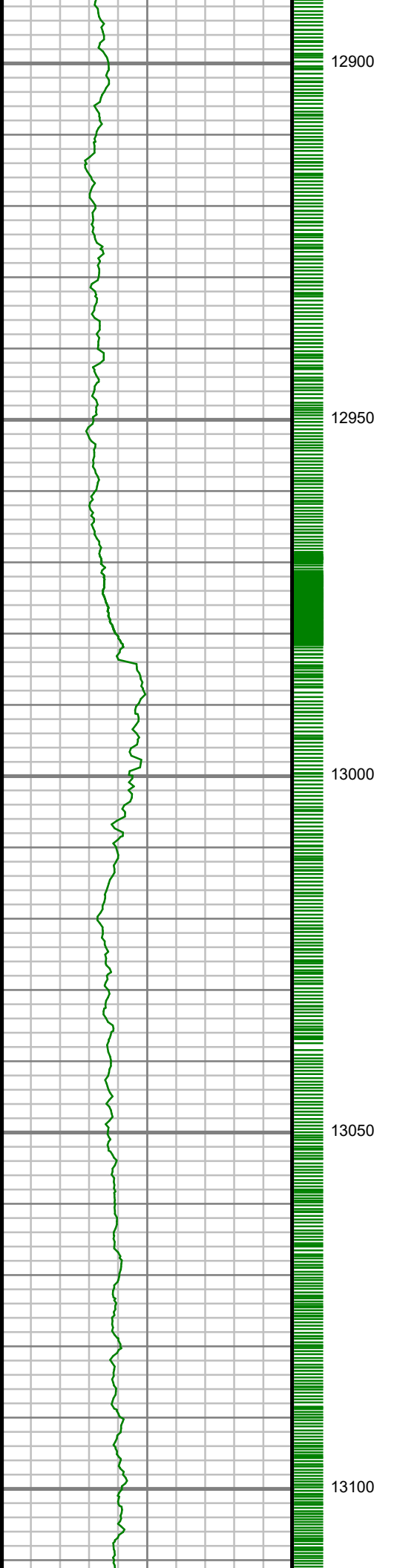
MD: 12667.00 ft Inc:
91.41 deg Az: 88.93
deg TVD: 6068.24 ft



deg Az: 91.78
deg TVD: 6066.76 ft

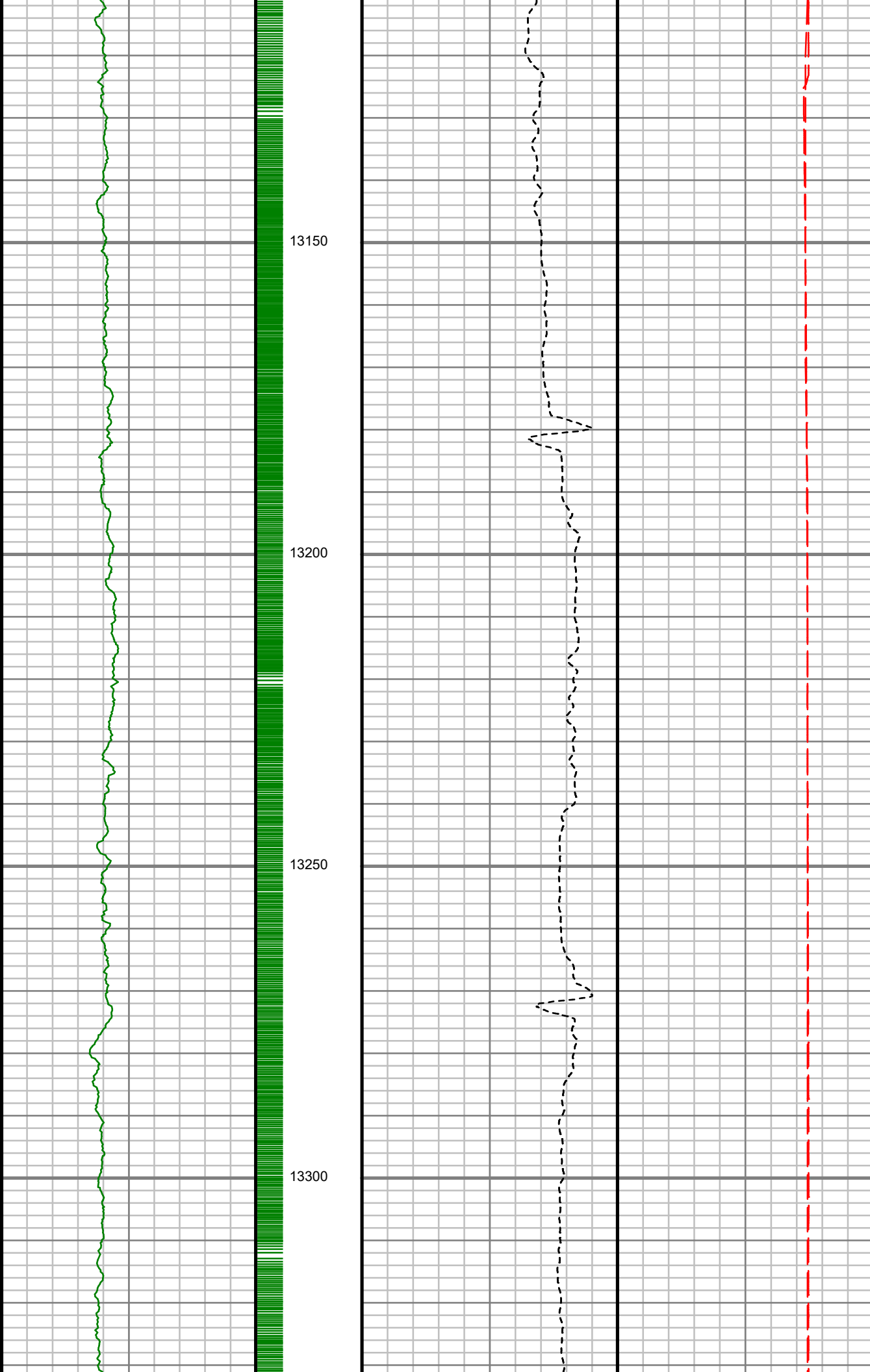
MD: 12758.00 ft Inc:
91.81 deg Az: 89.62
deg TVD: 6064.20 ft

MD: 12849.00 ft Inc:
91.78 deg Az: 89.45
deg TVD: 6061.34 ft



MD: 12940.00 ft Inc:
91.91 deg Az: 88.82
deg TVD: 6058.42 ft

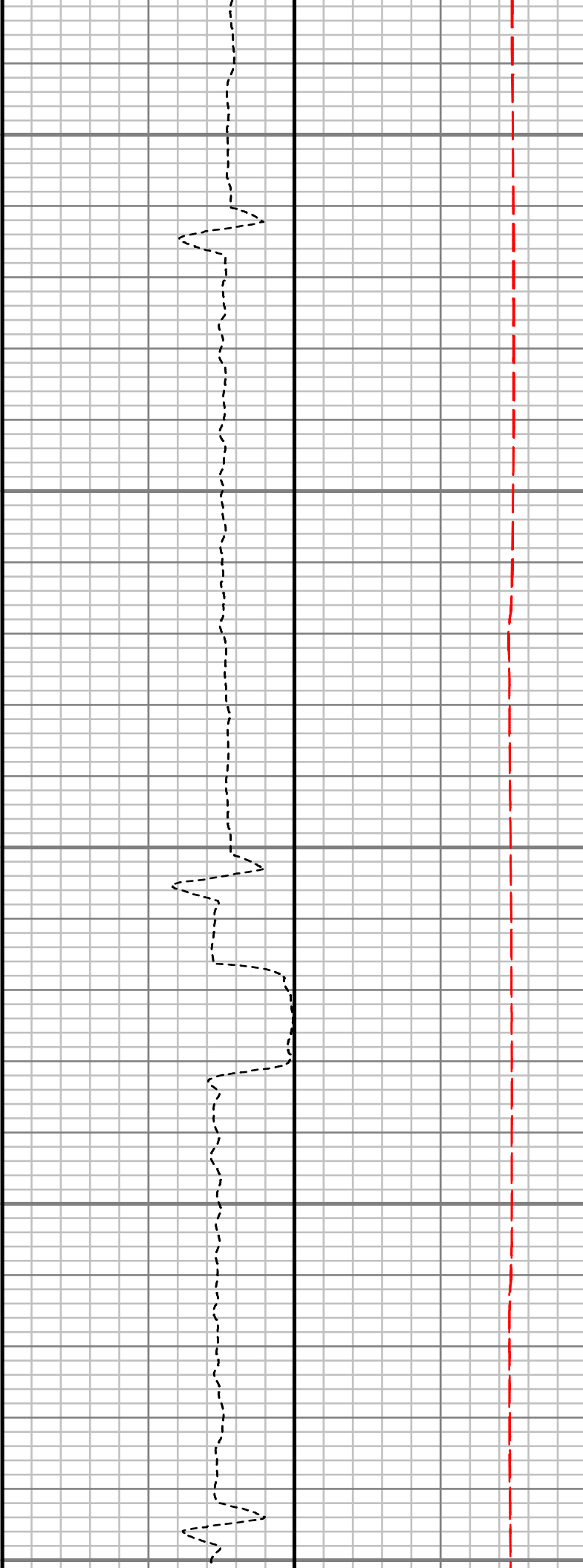
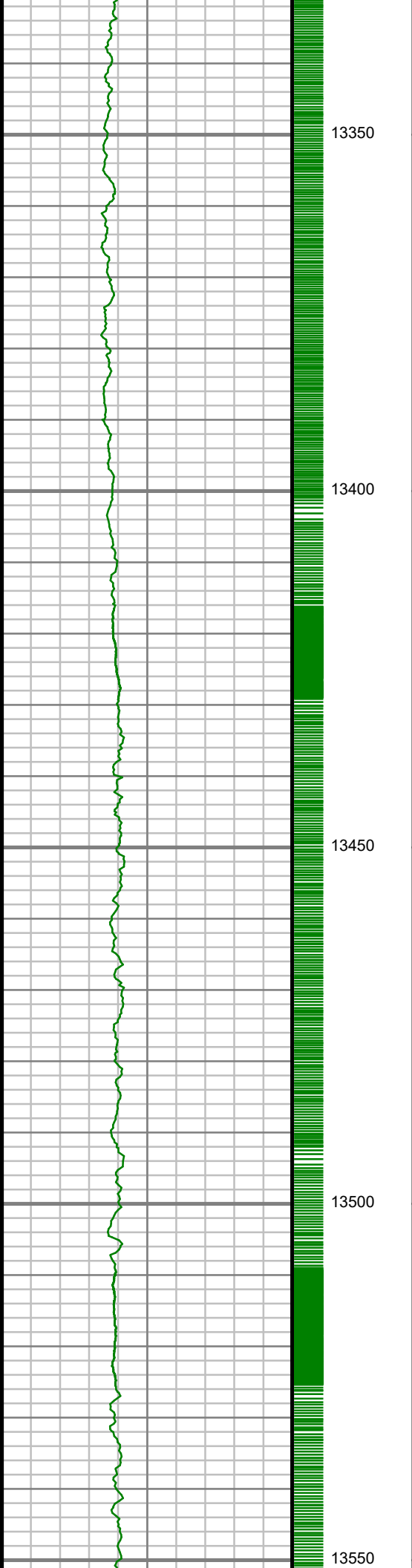
MD: 13031.00 ft Inc:
90.81 deg Az: 88.75
deg TVD: 6056.26 ft



MD: 13122.00 ft Inc:
90.57 deg Az: 89.27
deg TVD: 6055.17 ft

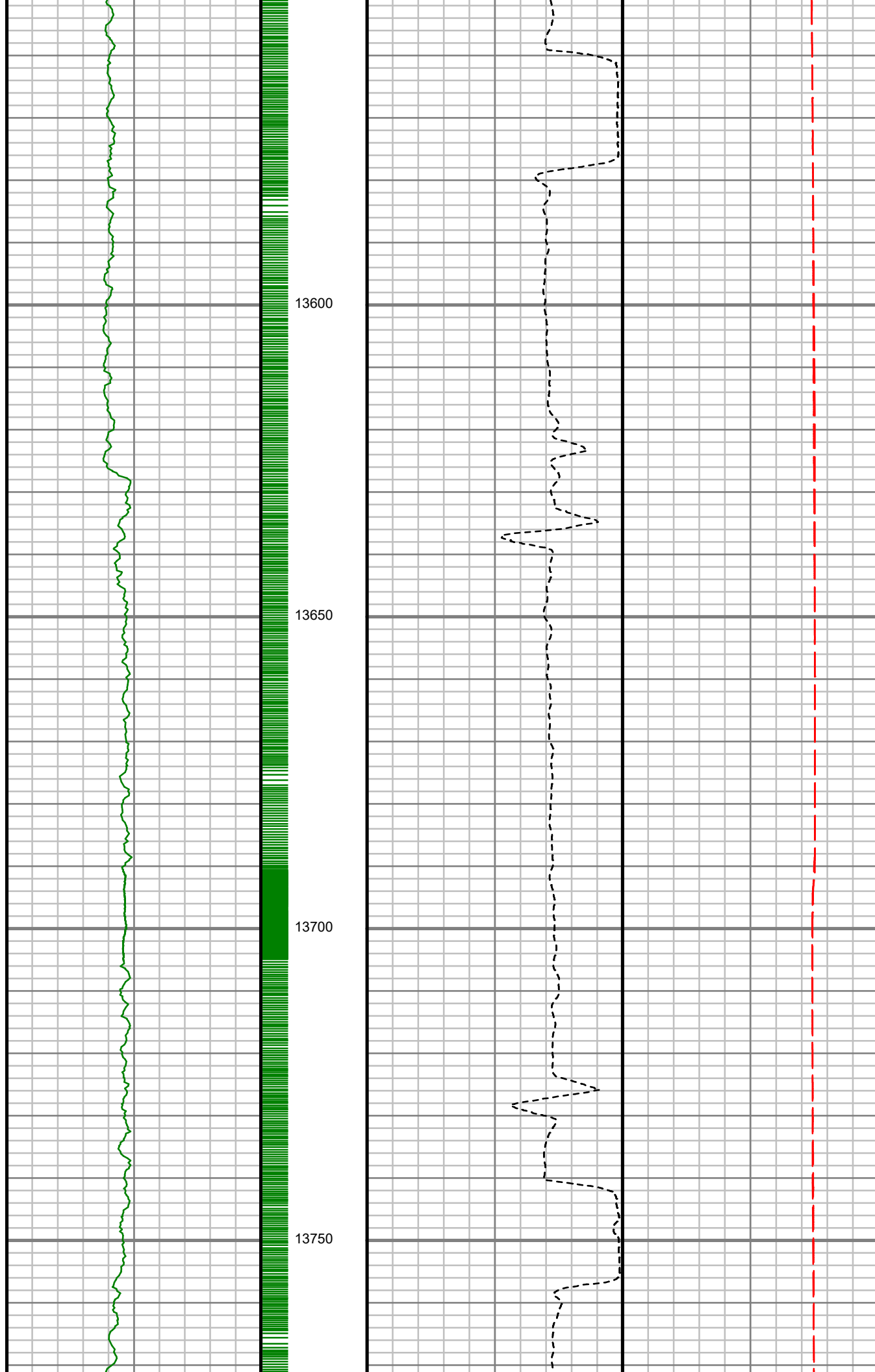
MD: 13213.00 ft Inc:
90.30 deg Az: 88.20
deg TVD: 6054.47 ft

MD: 13304.00 ft Inc:
90.37 deg Az: 88.53
deg TVD: 6053.94 ft



MD: 13395.00 ft Inc:
91.14 deg Az: 87.93
deg TVD: 6052.74 ft

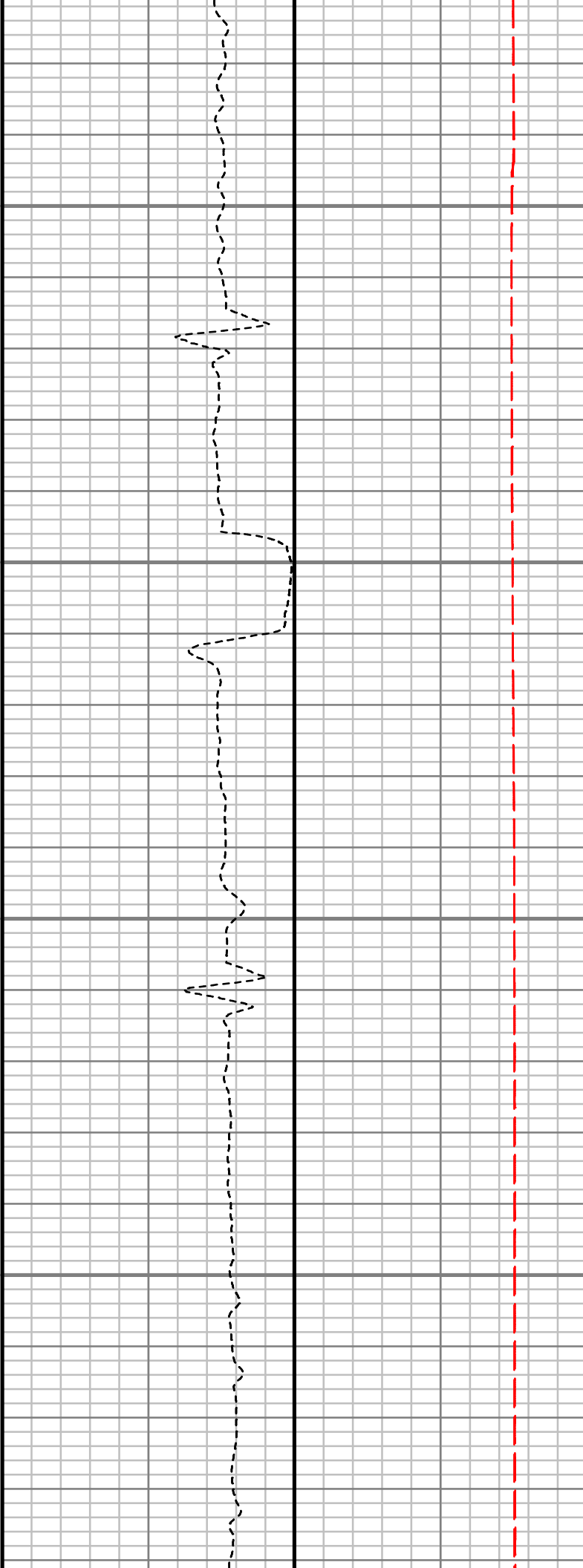
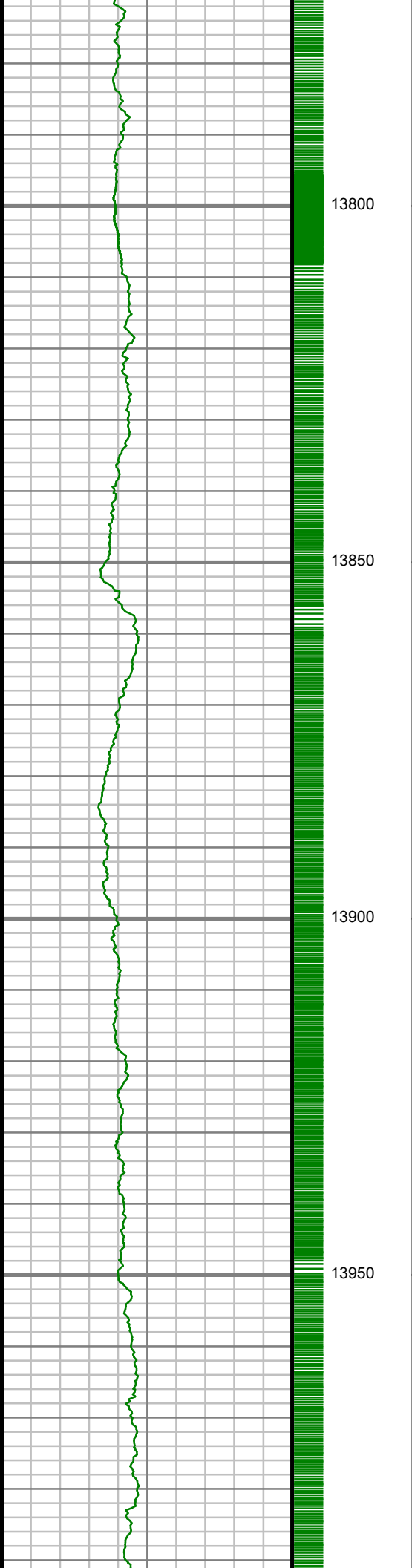
MD: 13486.00 ft Inc:
89.30 deg Az: 88.32
deg TVD: 6052.39 ft



MD: 13577.00 ft Inc:
88.69 deg Az: 91.40
deg TVD: 6053.99 ft

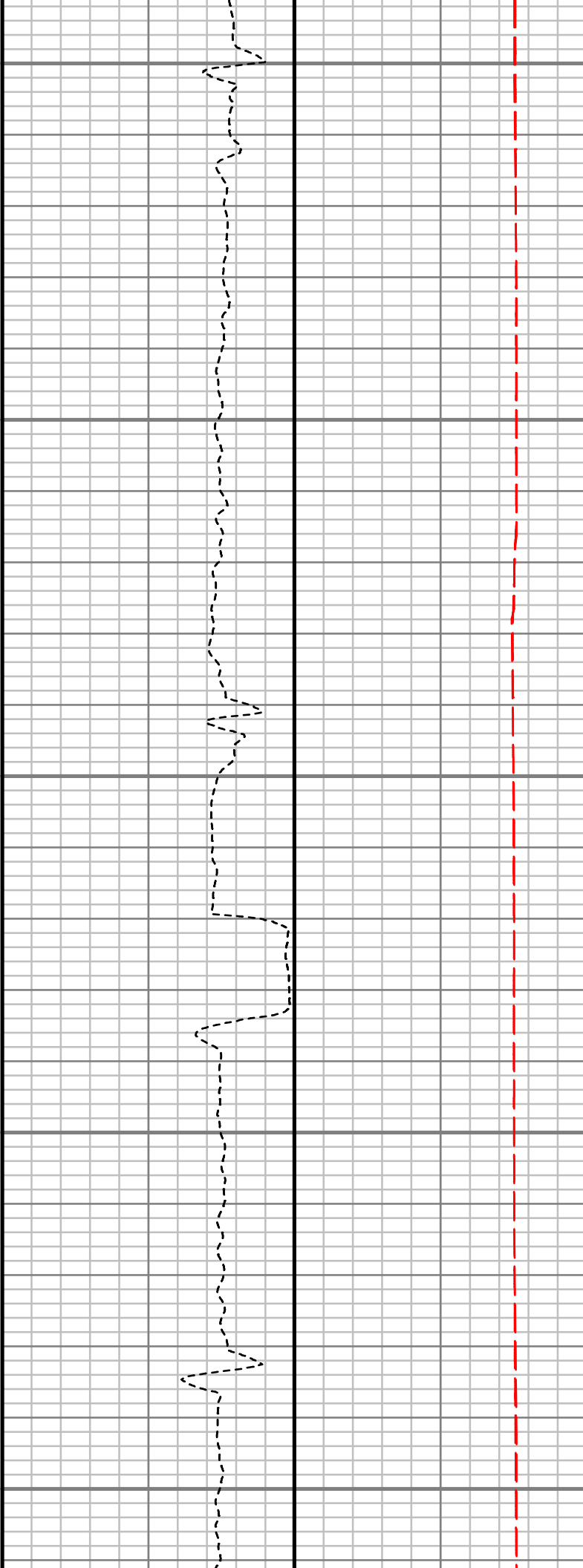
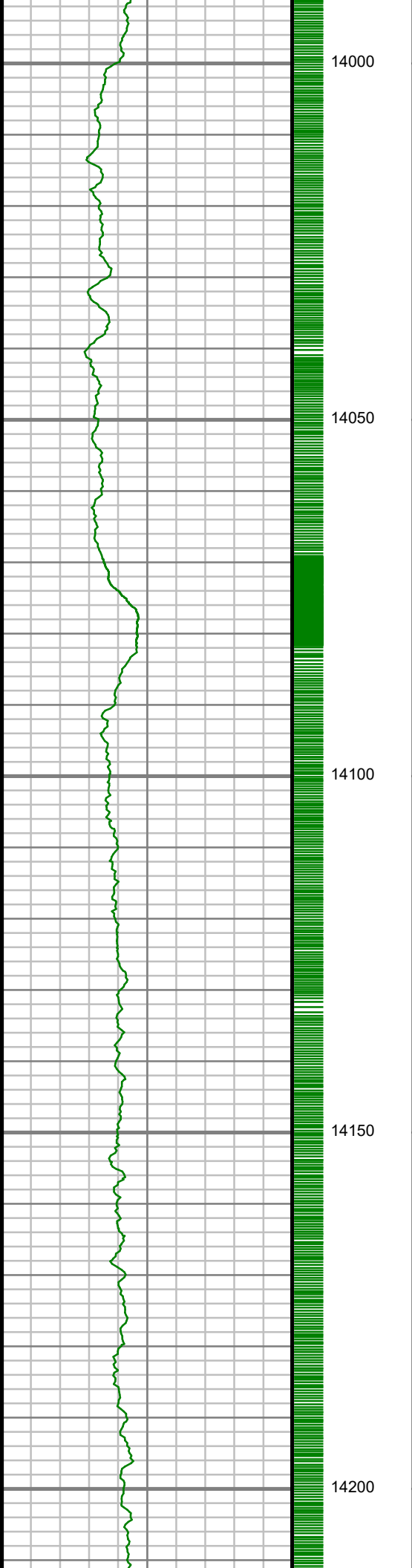
MD: 13668.00 ft Inc:
87.99 deg Az: 91.10
deg TVD: 6056.63 ft

MD: 13758.00 ft Inc:
89.46 deg Az: 91.73
deg TVD: 6058.63 ft



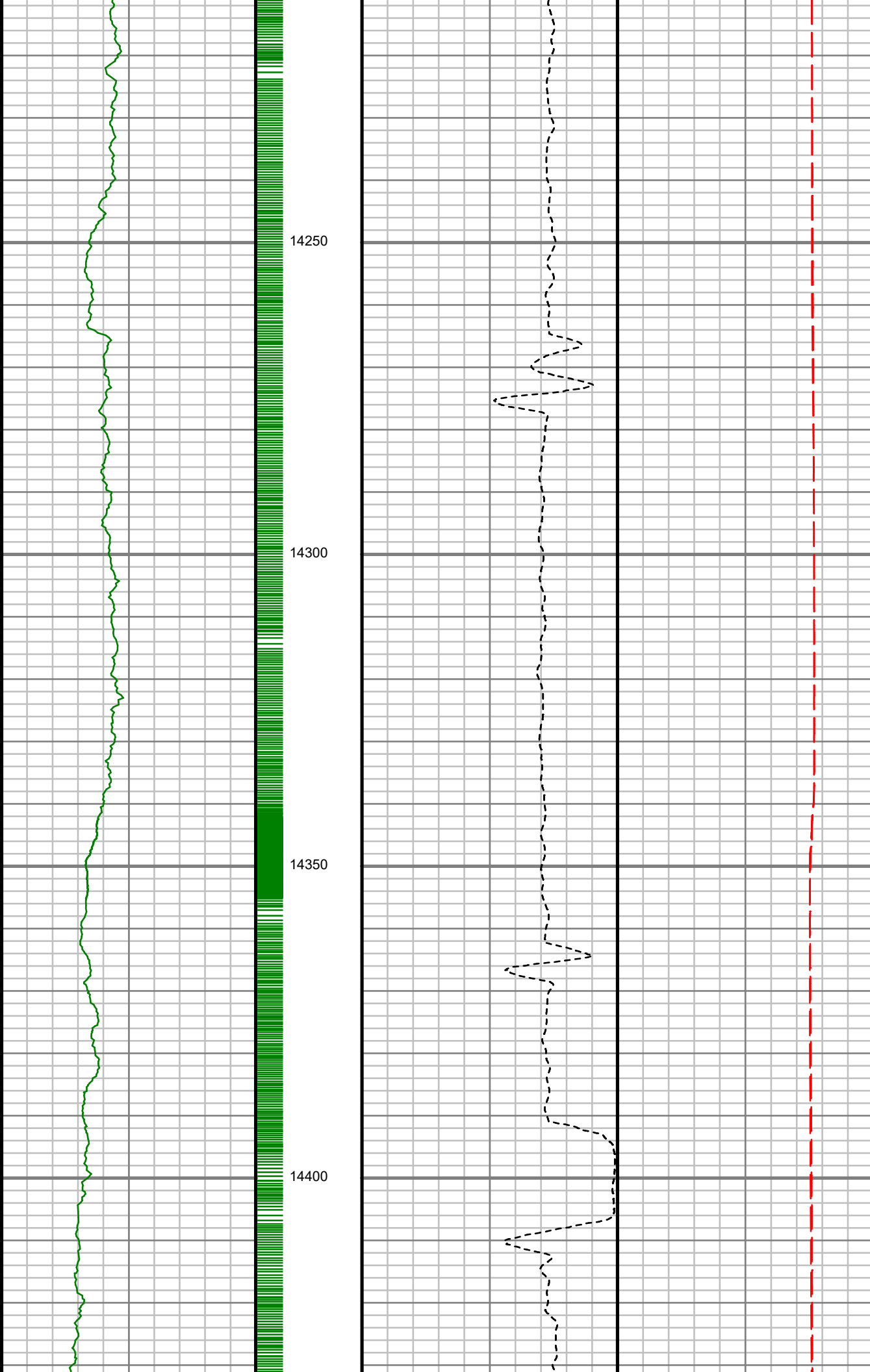
MD: 13850.00 ft Inc:
90.00 deg Az: 91.45
deg TVD: 6059.06 ft

MD: 13942.00 ft Inc:
91.14 deg Az: 91.40
deg TVD: 6058.15 ft



MD: 14033.00 ft Inc:
92.05 deg Az: 90.61
deg TVD: 6055.62 ft

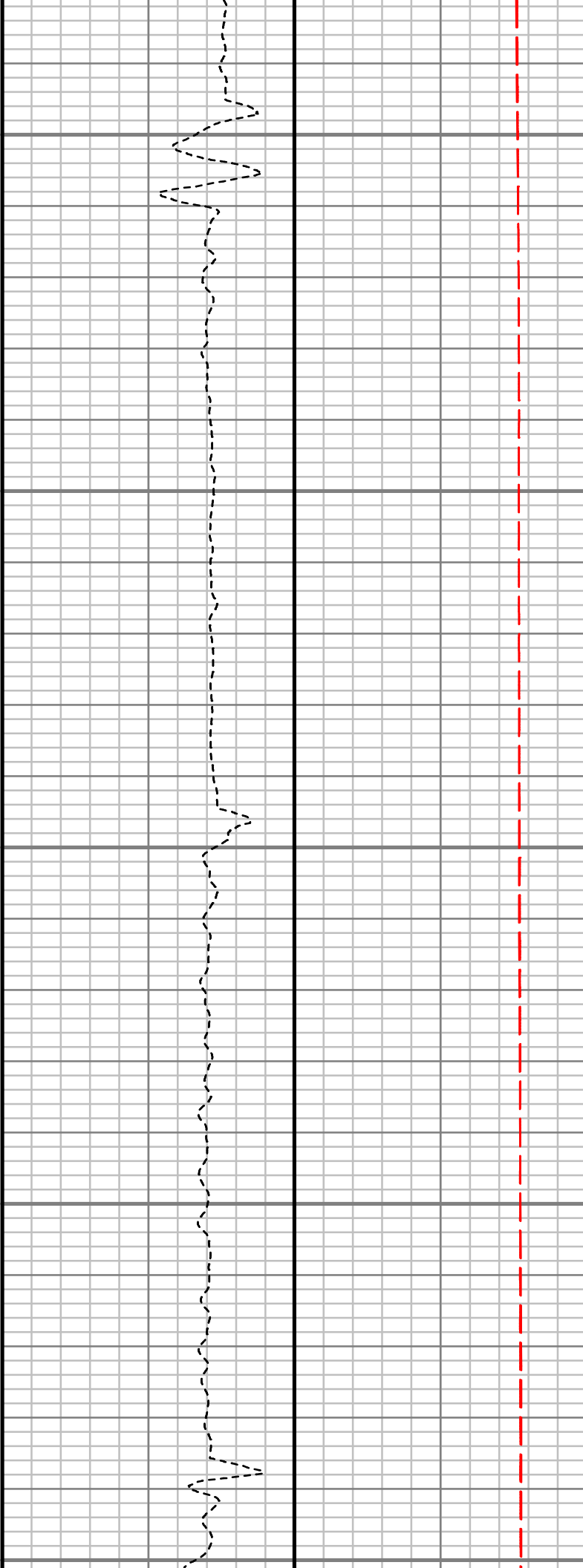
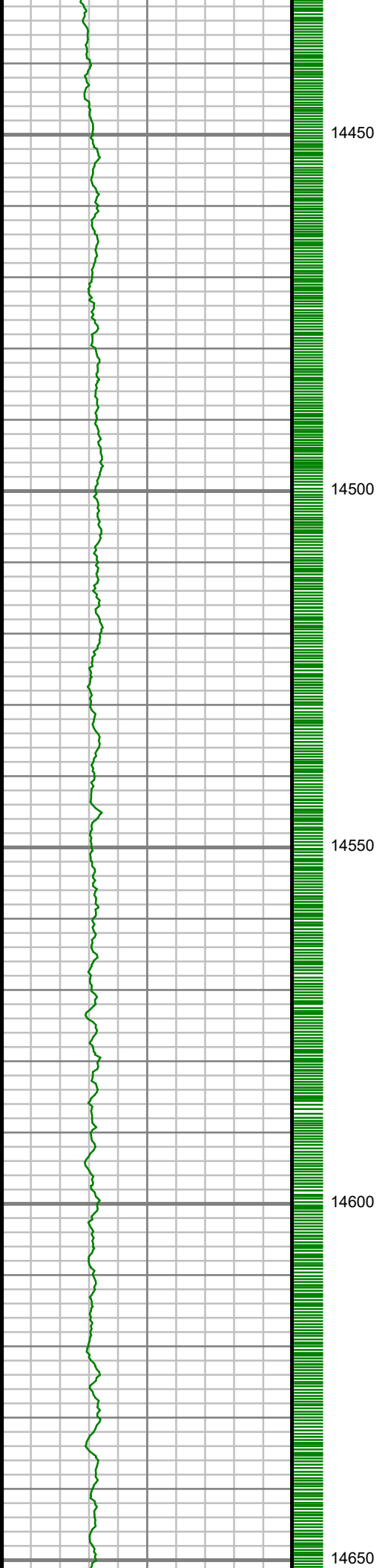
MD: 14124.00 ft Inc:
91.11 deg Az: 90.51
deg TVD: 6053.11 ft



MD: 14215.00 ft Inc:
91.21 deg Az: 90.06
deg TVD: 6051.27 ft

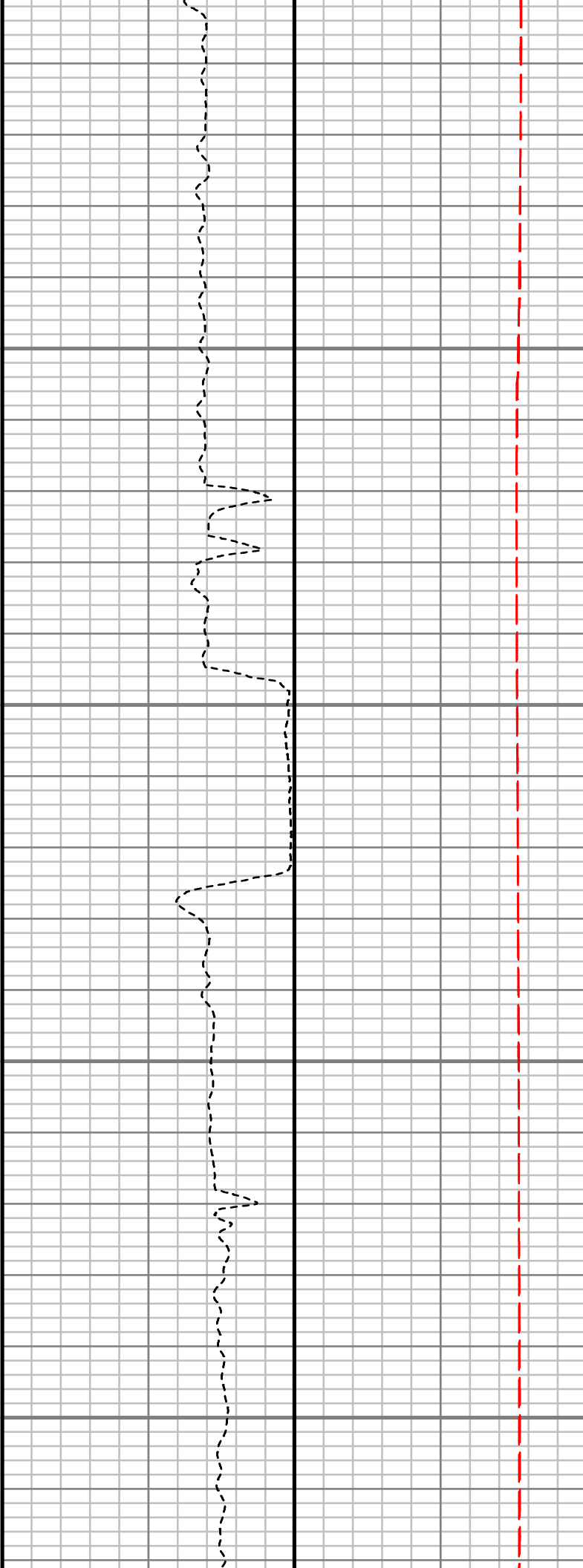
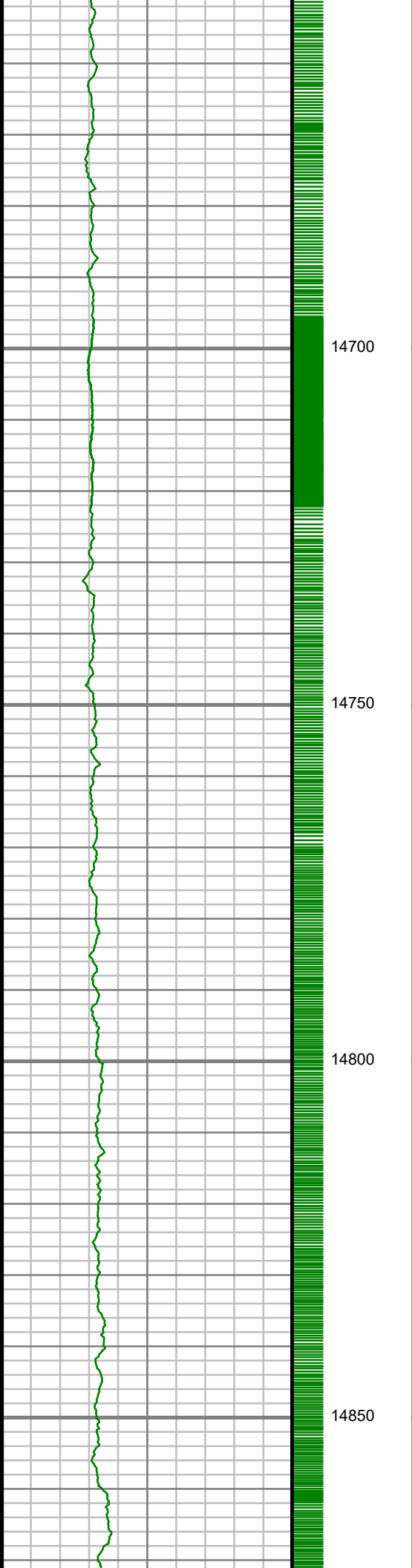
MD: 14306.00 ft Inc:
92.15 deg Az: 89.23
deg TVD: 6048.60 ft

MD: 14397.00 ft Inc:
91.58 deg Az: 89.36
deg TVD: 6045.64 ft



MD: 14488.00 ft Inc:
89.83 deg Az: 87.15
deg TVD: 6044.52 ft

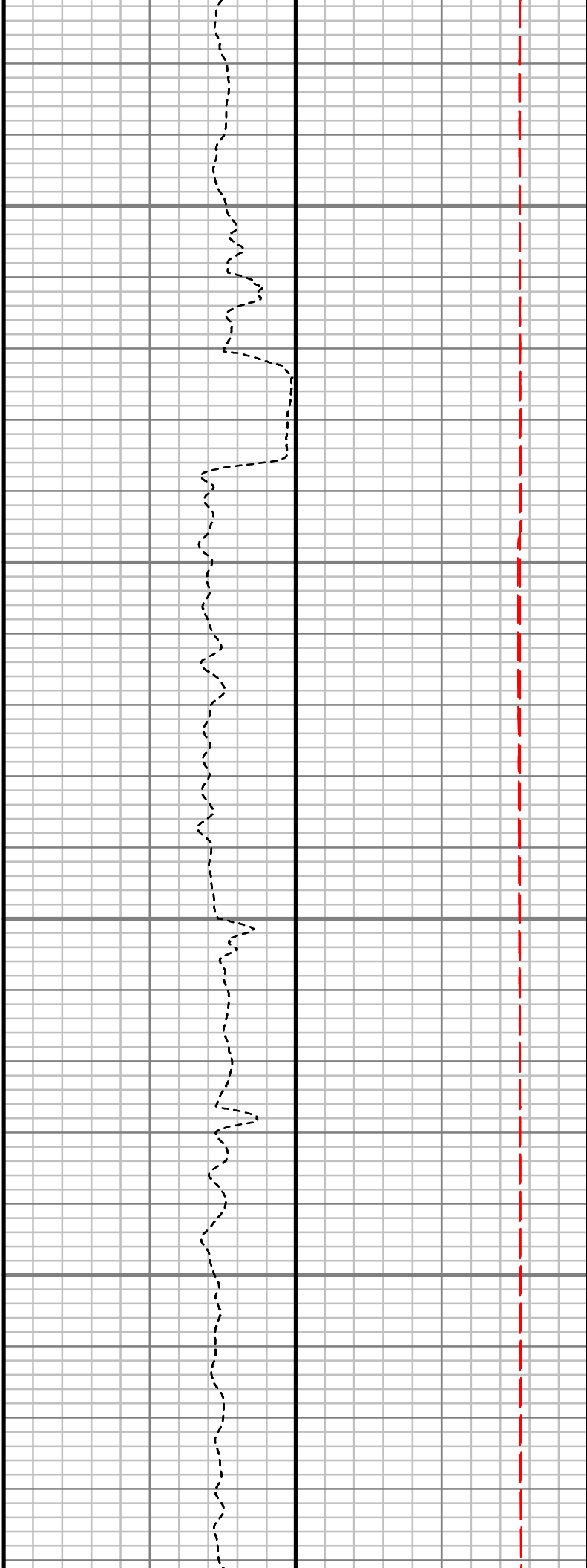
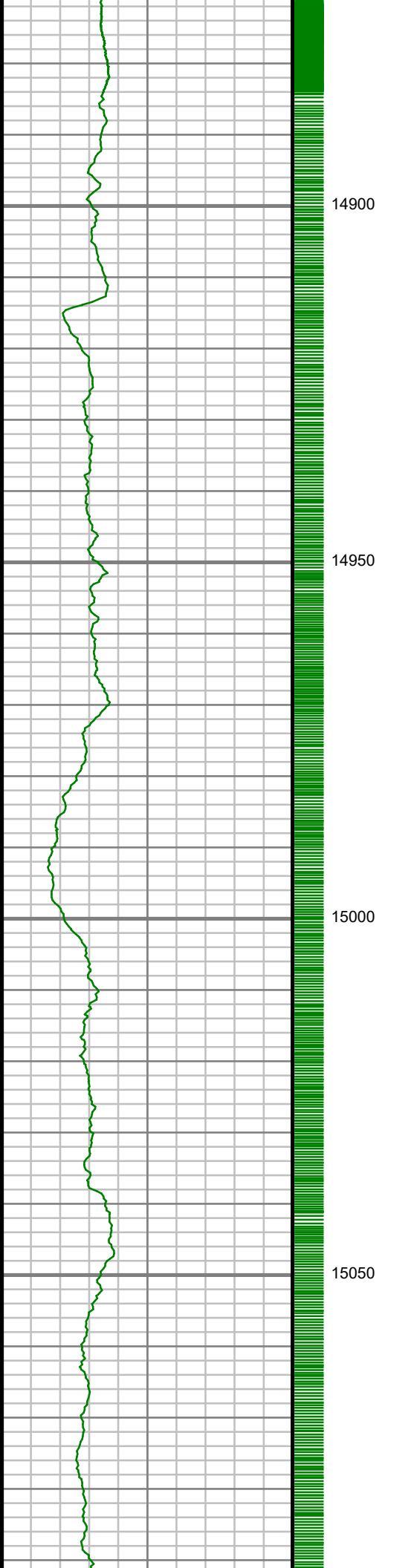
MD: 14579.00 ft Inc:
90.00 deg Az: 87.69
deg TVD: 6044.66 ft



MD: 14670.00 ft Inc:
90.03 deg Az: 86.77
deg TVD: 6044.63 ft

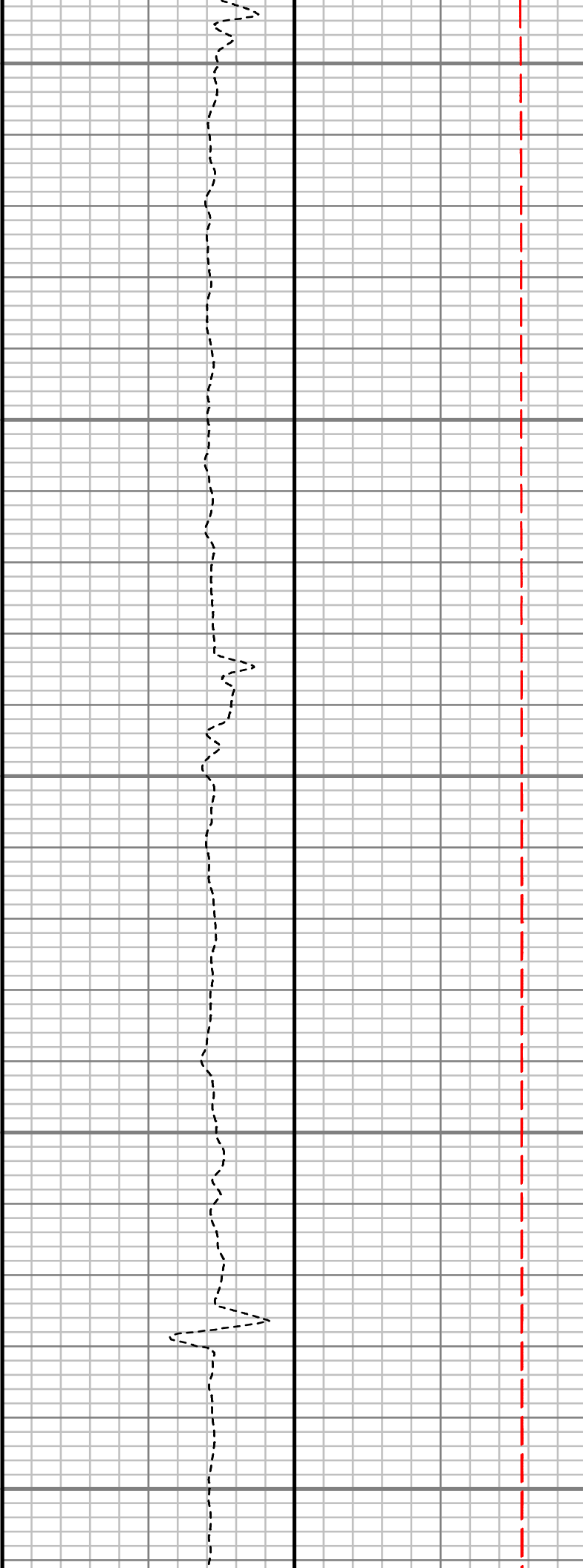
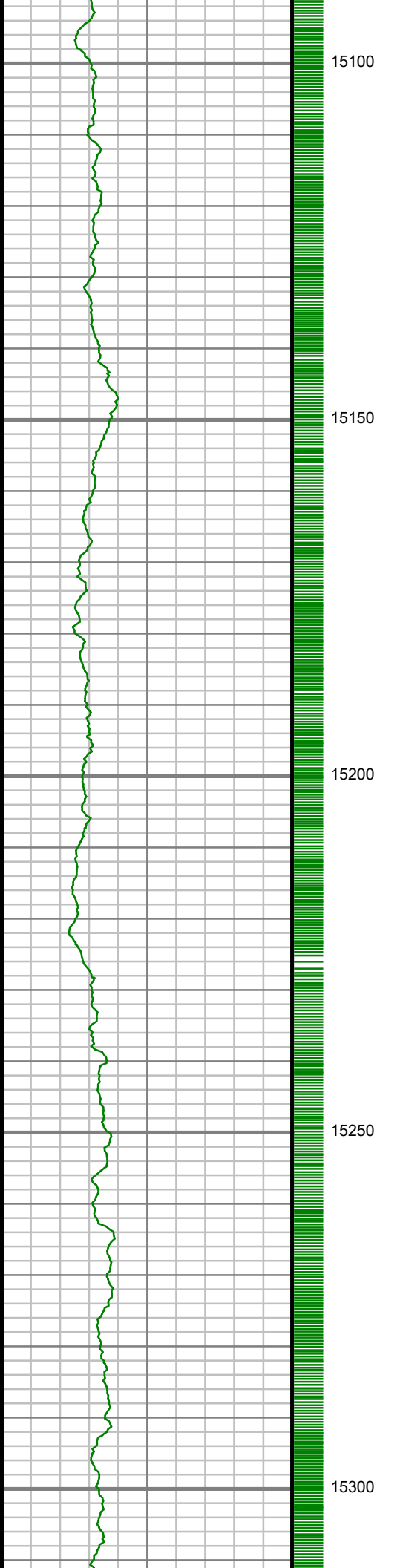
MD: 14761.00 ft Inc:
90.37 deg Az: 87.38
deg TVD: 6044.31 ft

MD: 14852.00 ft Inc:
92.55 deg Az: 90.78
deg TVD: 6041.99 ft



MD: 14943.00 ft Inc:
91.07 deg Az: 90.12
deg TVD: 6039.12 ft

MD: 15034.00 ft Inc:
90.07 deg Az: 90.62
deg TVD: 6038.21 ft



MD: 15125.00 ft Inc:
88.86 deg Az: 90.42
deg TVD: 6039.06 ft

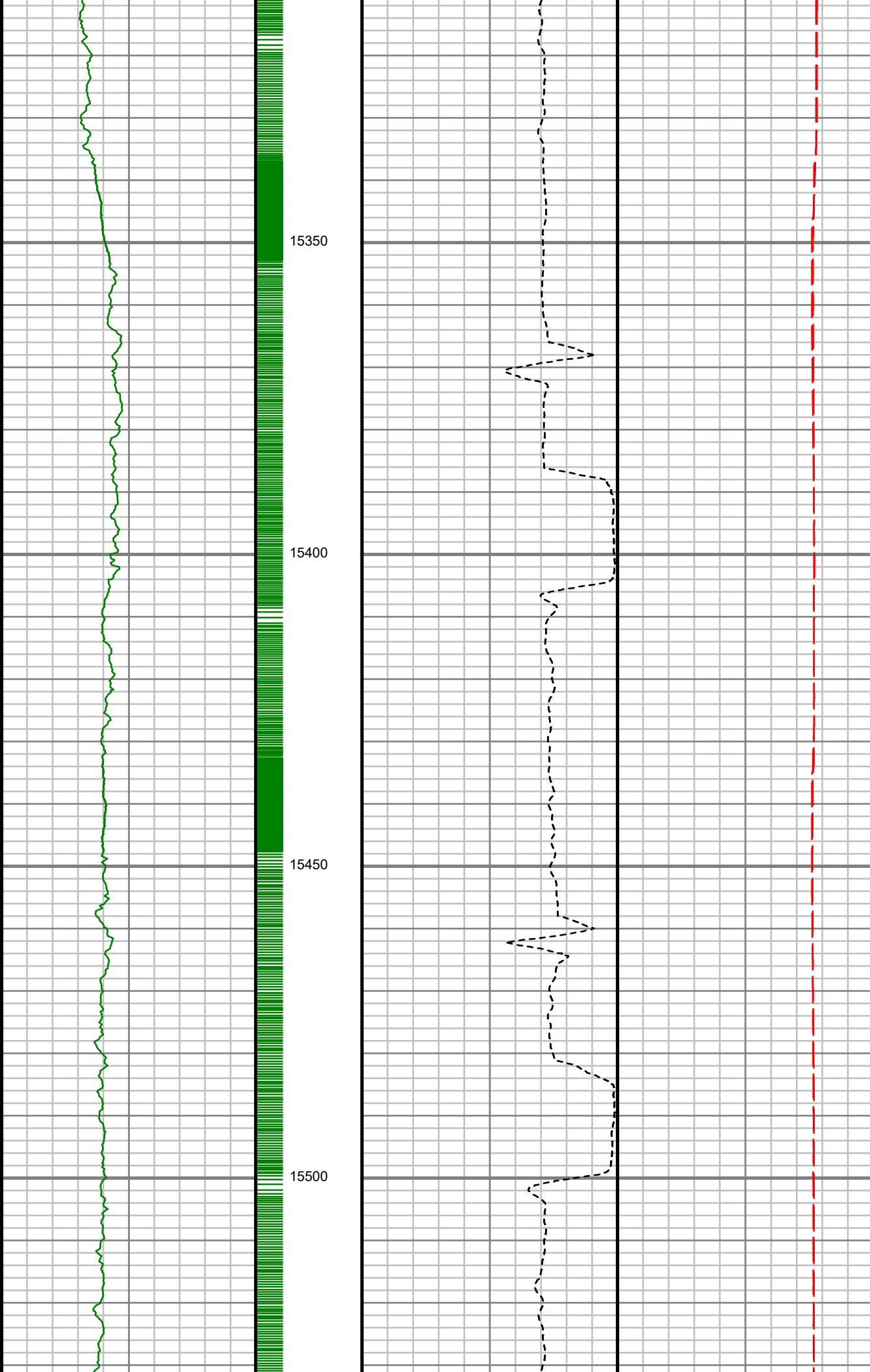
MD: 15217.00 ft Inc:
88.36 deg Az: 90.23
deg TVD: 6041.30 ft

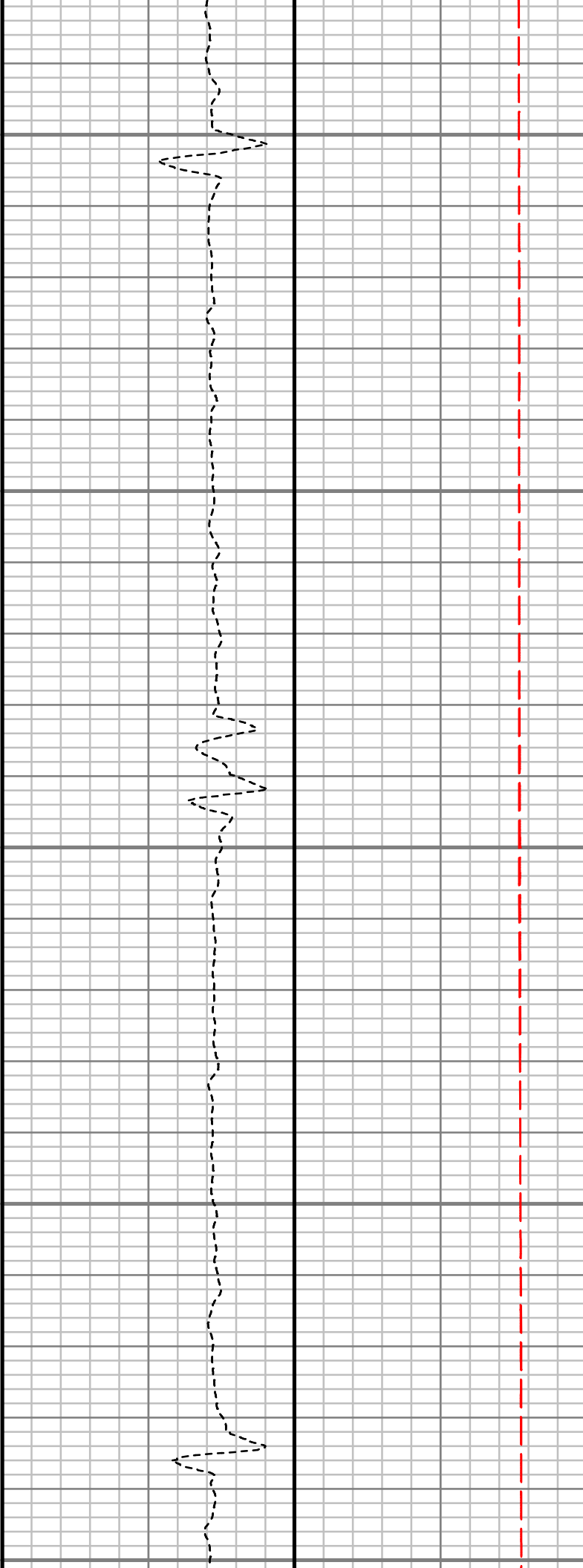
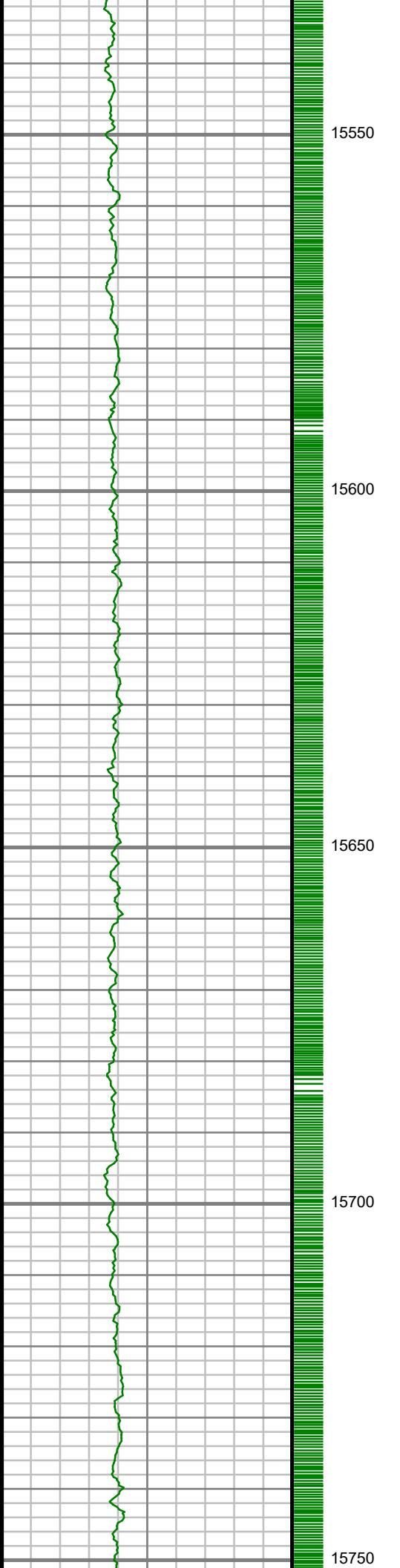
MD: 15308.00 ft Inc:

88.22 deg Az: 88.67
deg TVD: 6044.02 ft

MD: 15400.00 ft Inc:
88.39 deg Az: 89.03
deg TVD: 6046.74 ft

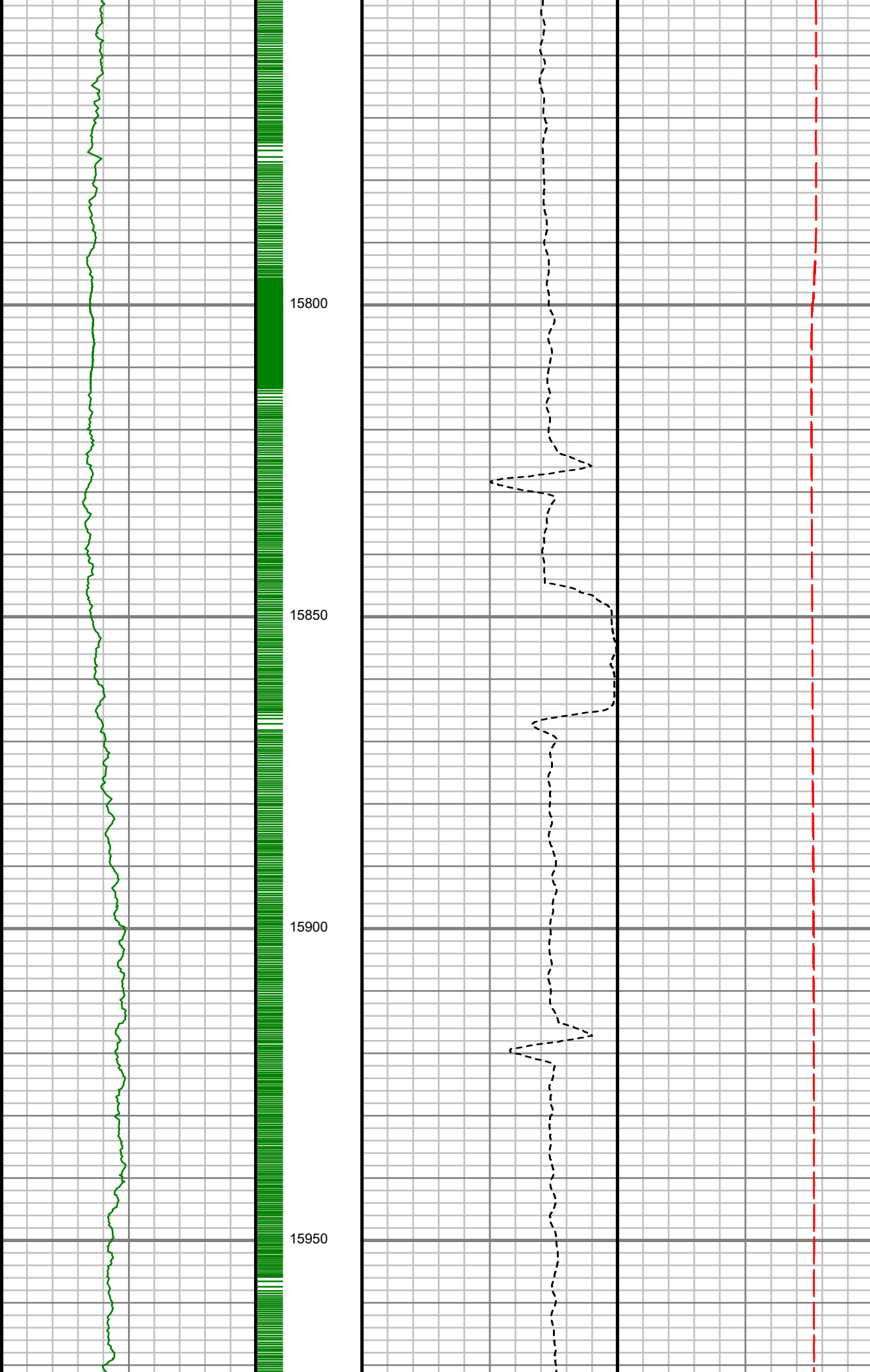
MD: 15491.00 ft Inc:
89.66 deg Az: 90.22
deg TVD: 6048.28 ft





MD: 15582.00 ft Inc:
90.60 deg Az: 91.03
deg TVD: 6048.07 ft

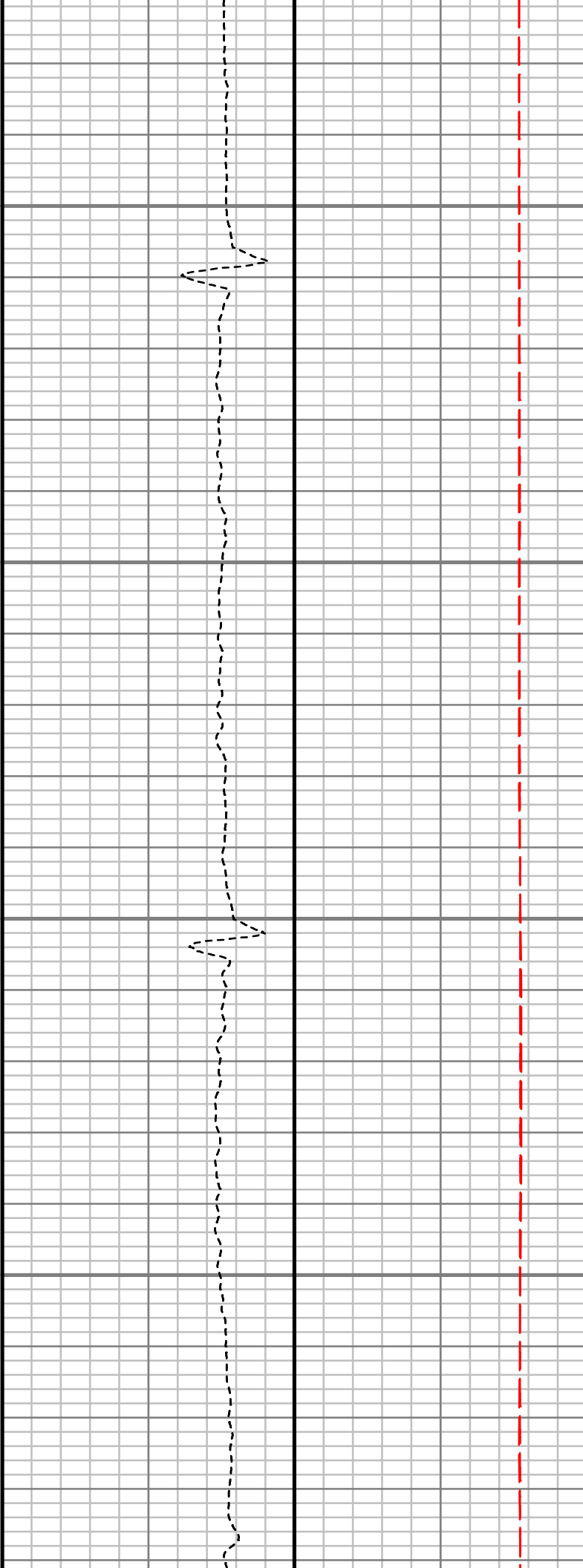
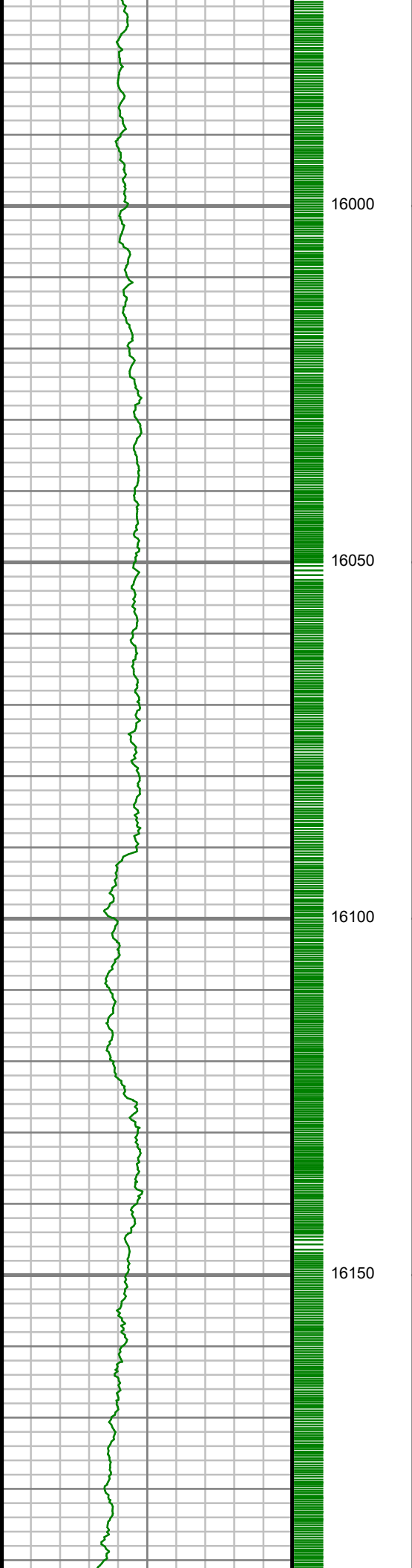
MD: 15674.00 ft Inc:
90.13 deg Az: 89.02
deg TVD: 6047.48 ft



MD: 15765.00 ft Inc:
89.40 deg Az: 88.59
deg TVD: 6047.85 ft

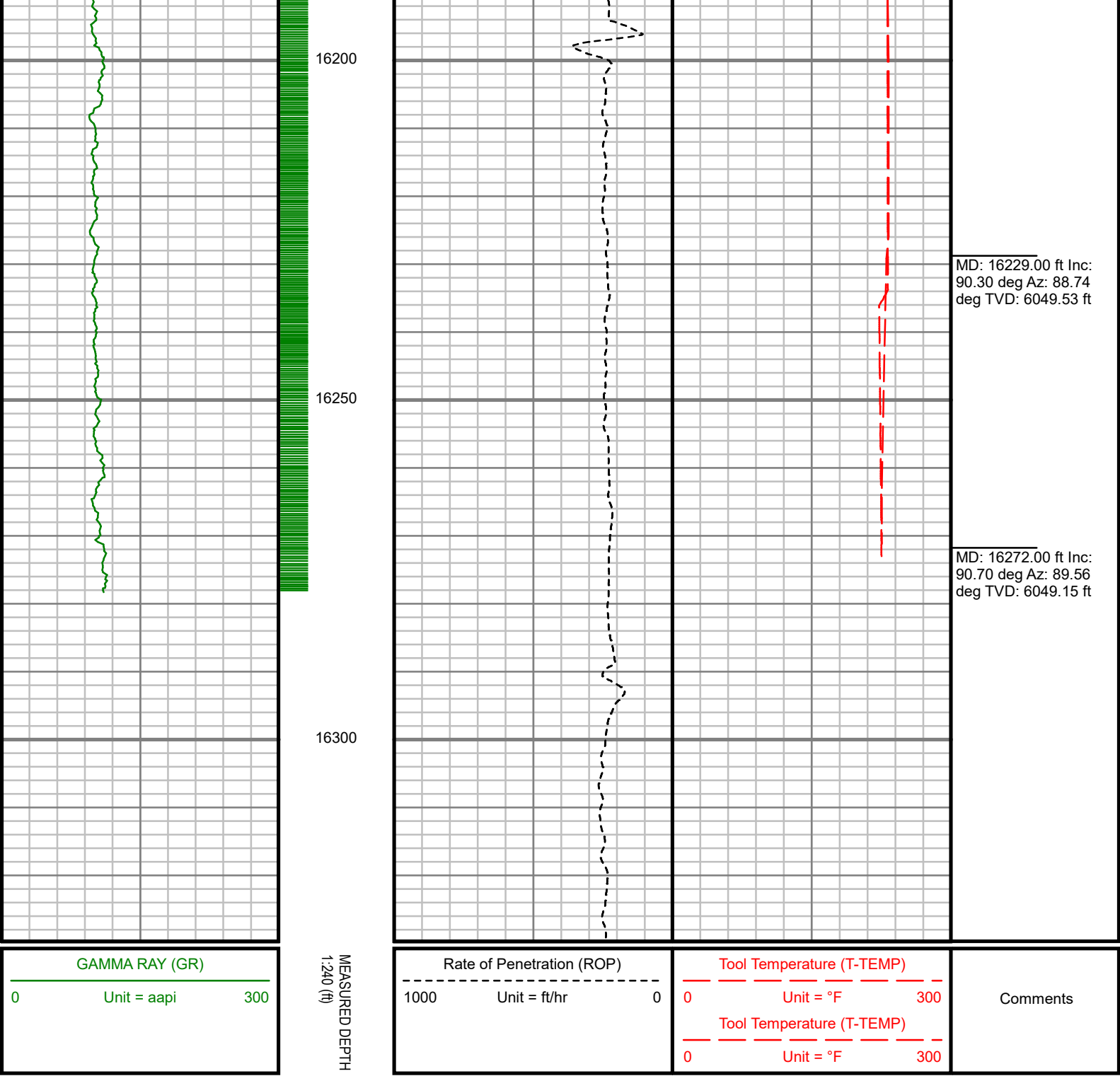
MD: 15856.00 ft Inc:
89.33 deg Az: 90.33
deg TVD: 6048.87 ft

MD: 15947.00 ft Inc:
89.56 deg Az: 89.60
deg TVD: 6049.75 ft



MD: 16041.00 ft Inc:
90.84 deg Az: 89.89
deg TVD: 6049.42 ft

MD: 16135.00 ft Inc:
89.36 deg Az: 89.61
deg TVD: 6049.25 ft



5" = 100' MD