

5" = 100' MD

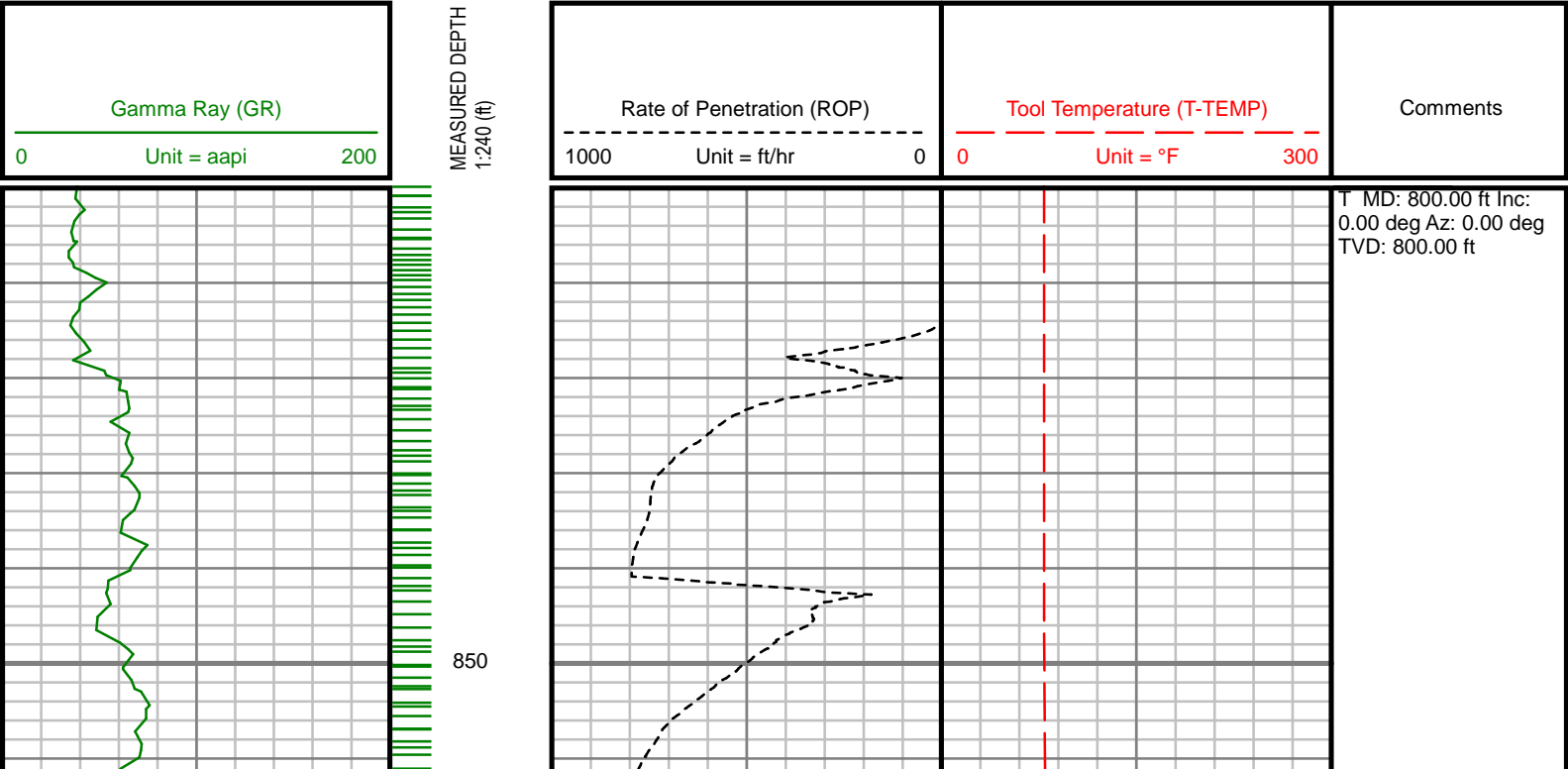
COMPANY : BILL BARRETT CORP. WELL : ANSCHUTZ EQUUS FARMS 4-62-29-4148C FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-42727										WELL LOCATION LAT:40°16'53.378"N LONG:104°20'14.670"W N:1347514.96 ft E:3324350.54 ft SEC:28 TWP:4N RANGE:62W										OTHER SERVICES NAD83 DIRECTIONAL ROP									
DEPTH REF. : RKB REF. HEIGHT : 20.000 ft GROUND LEVEL : 4624.300 ft										RKB to Ground Level G.L. to MEAN SEA LEVEL																			
BOREHOLE RECORD															DEVIATION RECORD														
HOLE SIZE in		FROM ft		TO ft		INCLINATION deg		FROM ft		TO ft																			
12.75		0		815		0-20		0		2208																			
8.75		815		6644		20-0		2208		5867																			
6.125		6644		16350		0-90		5867		6644						16350													
CASING RECORD																													
CASING SIZE in		FROM ft		TO ft																									
9.625		0		815																									
7		0		6626																									
DRILLING CO. : SAVANNA RIG : 802 LWD UNIT NO. : KIT PRT PFDISTRICT: CASPER SPUD DATE : 08/13/2017 LWD START DATE : 08/21/2017 LWD END DATE : 8/27/2017															DEPTH : 815 ft DEPTH : 16350 ft TOTAL DEPTH : 16350 ft														

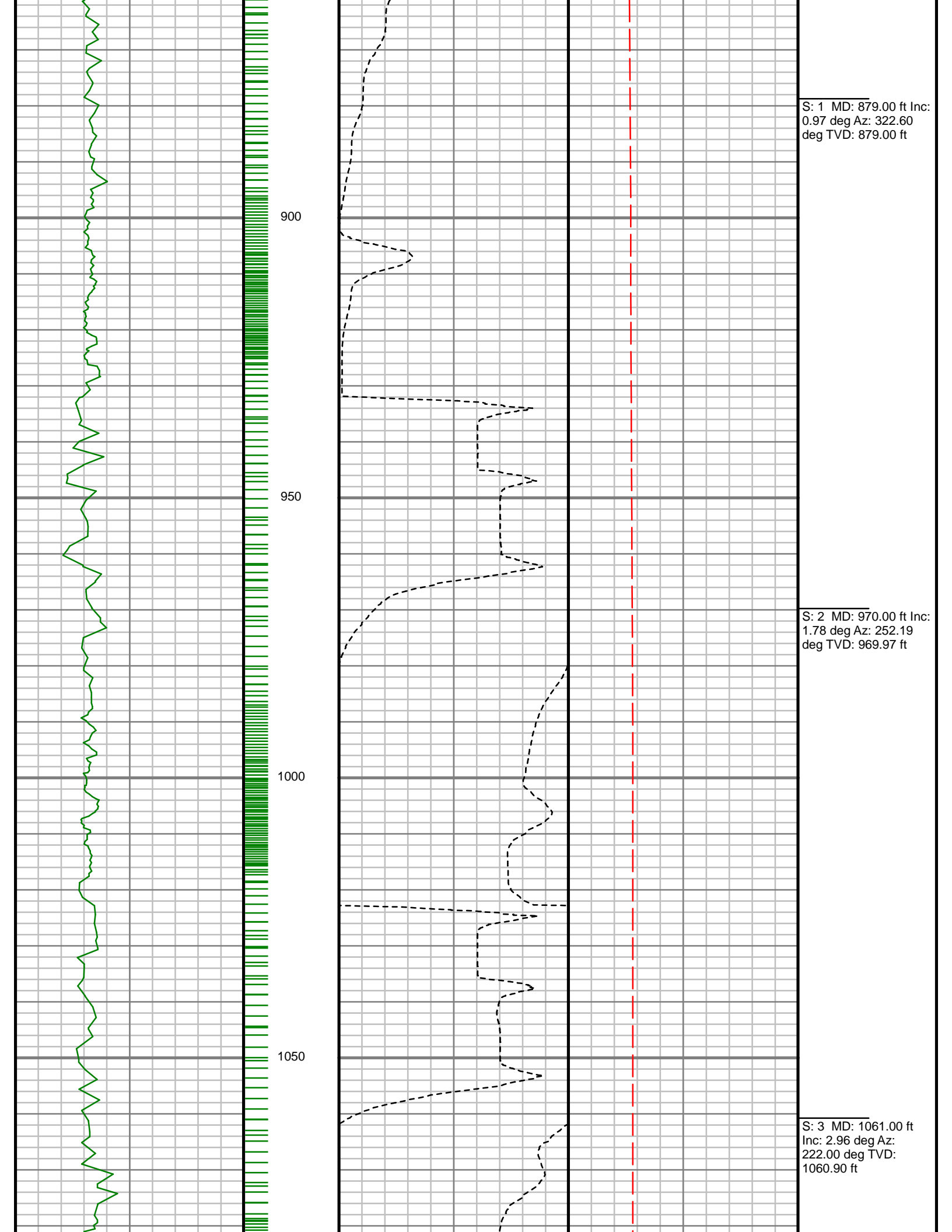
Run Data						
RUN NUMBER	1	2	3			
START DATE	08/21/2017	08/22/2017	08/23/2017			
START TIME	13:00	13:48	22:00			
END DATE	08/22/2017	08/23/2017	8/27/2017			
END TIME	13:48	07:10	19:45			
DEPTH IN (ft)	815	6090	6644			
DEPTH OUT (ft)	6090	6644	16350			
LOG TOP (ft)	778	6053	6589			
LOG BOTTOM (ft)	6053	6589	16350			
HOLE SIZE (in)	8.75	8.75	6.125			
MUD DATA @ (ft)	6057	6057	16380			
MUD TYPE	WATER-BASED	WATER-BASED	WATER-BASED			
DENSITY (lb / gal)	10	10	9.1			
VISCOSITY (s / qt)	36	36	30			
pH	7.5	7.5	8.5			
FLUID LOSS (cm3 / 30)	-	-	-			
SALINITY (ppm)	500	500	400			
Rm (ohmm @ deg F)	-	-	-			
Rmf (ohmm @ deg F)	-	-	-			
MAX TEMP (deg F)	166	169	242			
Rm @ MAX TEMP (ohmm)	-	-	-			
LWD ENGINEER #1	R. WARD	R. WARD	R. WARD			
LWD ENGINEER #2	C. COLLINS	C. COLLINS	J. PARISEE			
LWD ENGINEER #3	-	-	-			
LOG WITNESS #1	G. AGUILAR	G. AGUILAR	G. AGUILAR			
LOG WITNESS #2	R. SEMBLE	R. SEMBLE	R. SEMBLE			

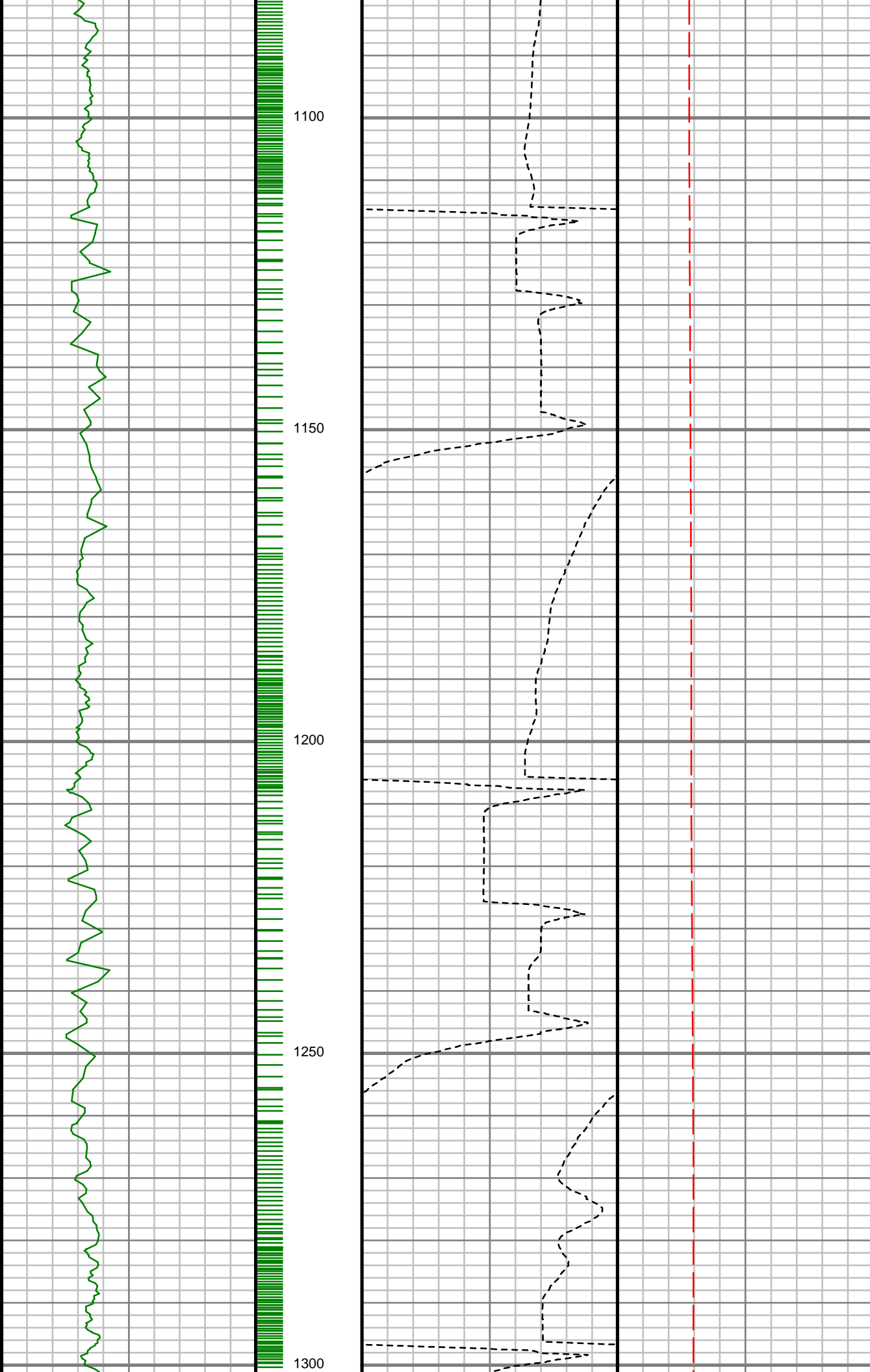
Remarks
BILL BARRETT CORP. AFE# 197890
SCIENTIFIC DRILLING INTERNATIONAL JOB# OP.003720
ALL REFERENCES IN THE DEPTH TRACK ARE AT BIT DEPTH.
ALL DATA IS MEMORY DATA UNLESS STATED OTHERWISE.
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO GAMMA RAY CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO RATE OF PENETRATION CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO TOOL TEMPERATURE CURVE
RUN #1: PROPAGATION RESISTIVITY / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER 128-200 / CONT = 949 / MWD EYE = 1483 / PRT = 326 / GAMMA RAY = 1422
BIT TO SENSOR OFFSETS: SURVEY = 52.71 FT. / PRT = 41.86 FT. / GAMMA RAY = 36.12 FT.
RUN #2: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER 128-277 / CONT = 929 / MWD EYE = 1484 / GAMMA RAY = 1478
BIT TO SENSOR OFFSETS: SURVEY = 58.34 FT. / GAMMA RAY = 54.34 FT.
RUN #3: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER 78-295 / CONT = 949 / MWD EYE = 1483 / GAMMA RAY = 1422
BIT TO SENSOR OFFSETS: SURVEY = 55.11 FT. / GAMMA RAY = 51.11 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 EQUUS FARMS 4-62-29-4148C
WATTENBERG FIELD
WELD COUNTY, COLORADO
05-123-42727

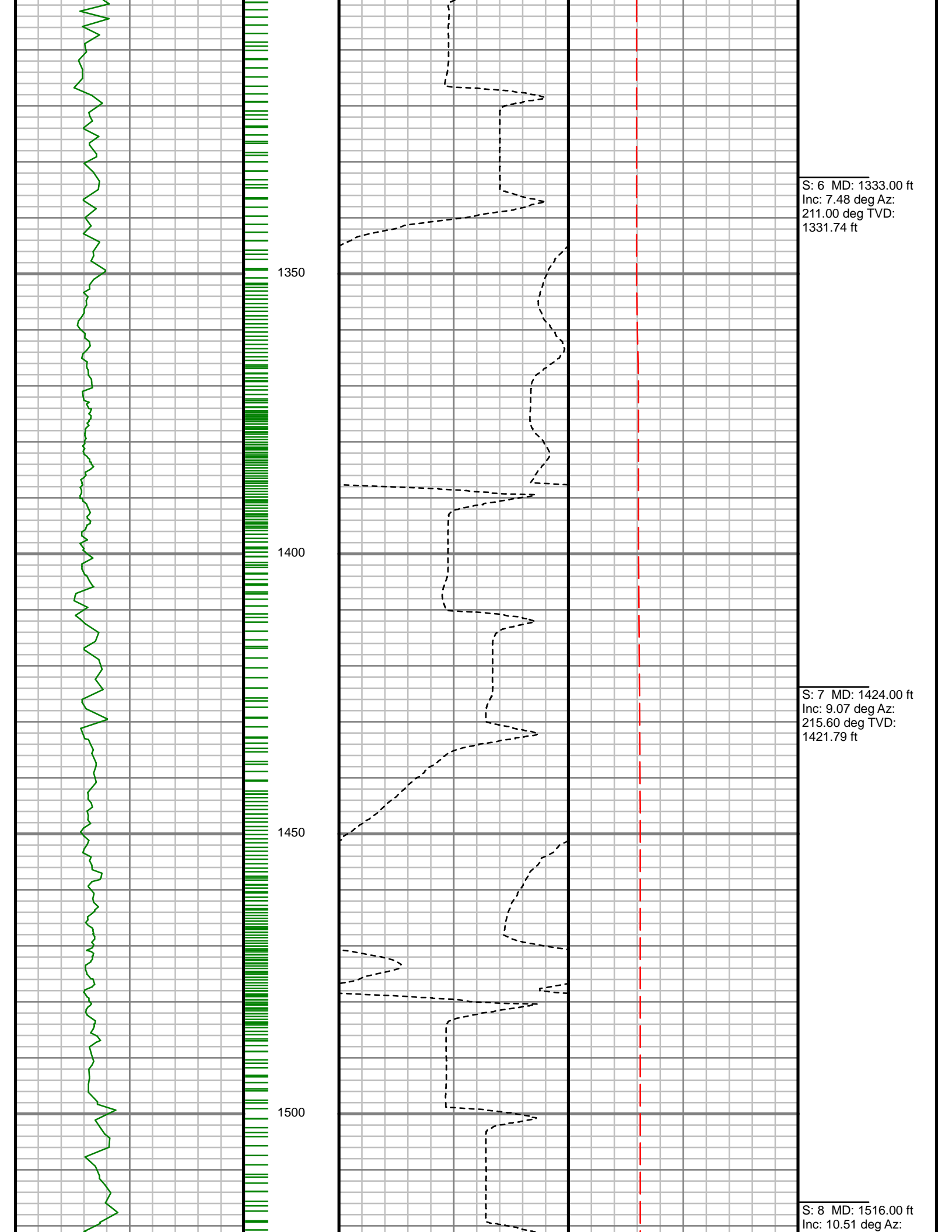


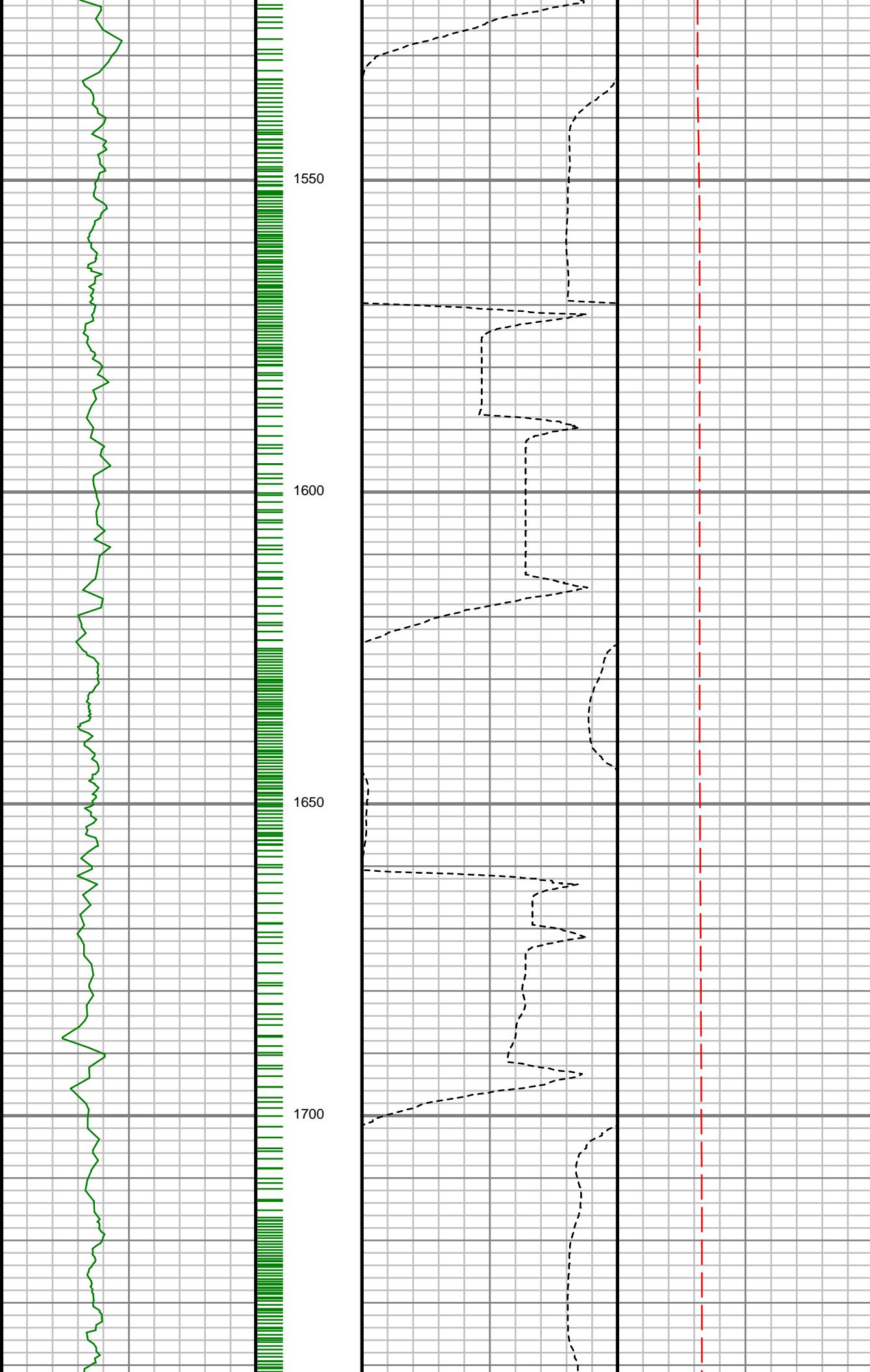




S: 4 MD: 1152.00 ft
Inc: 4.43 deg Az:
212.66 deg TVD:
1151.71 ft

S: 5 MD: 1243.00 ft
Inc: 5.76 deg Az:
210.59 deg TVD:
1242.35 ft

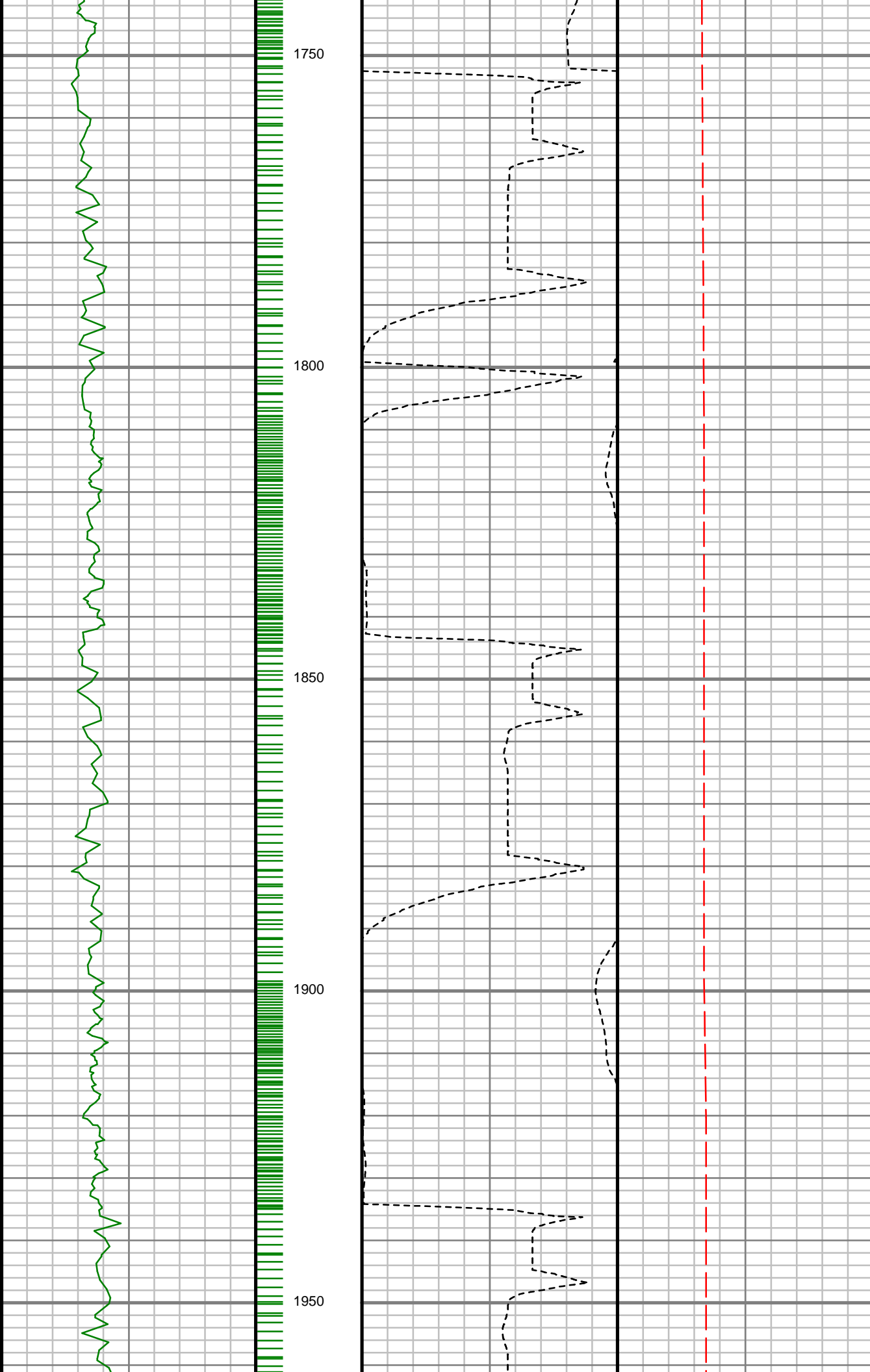




214.08 deg TVD:
1512.45 ft

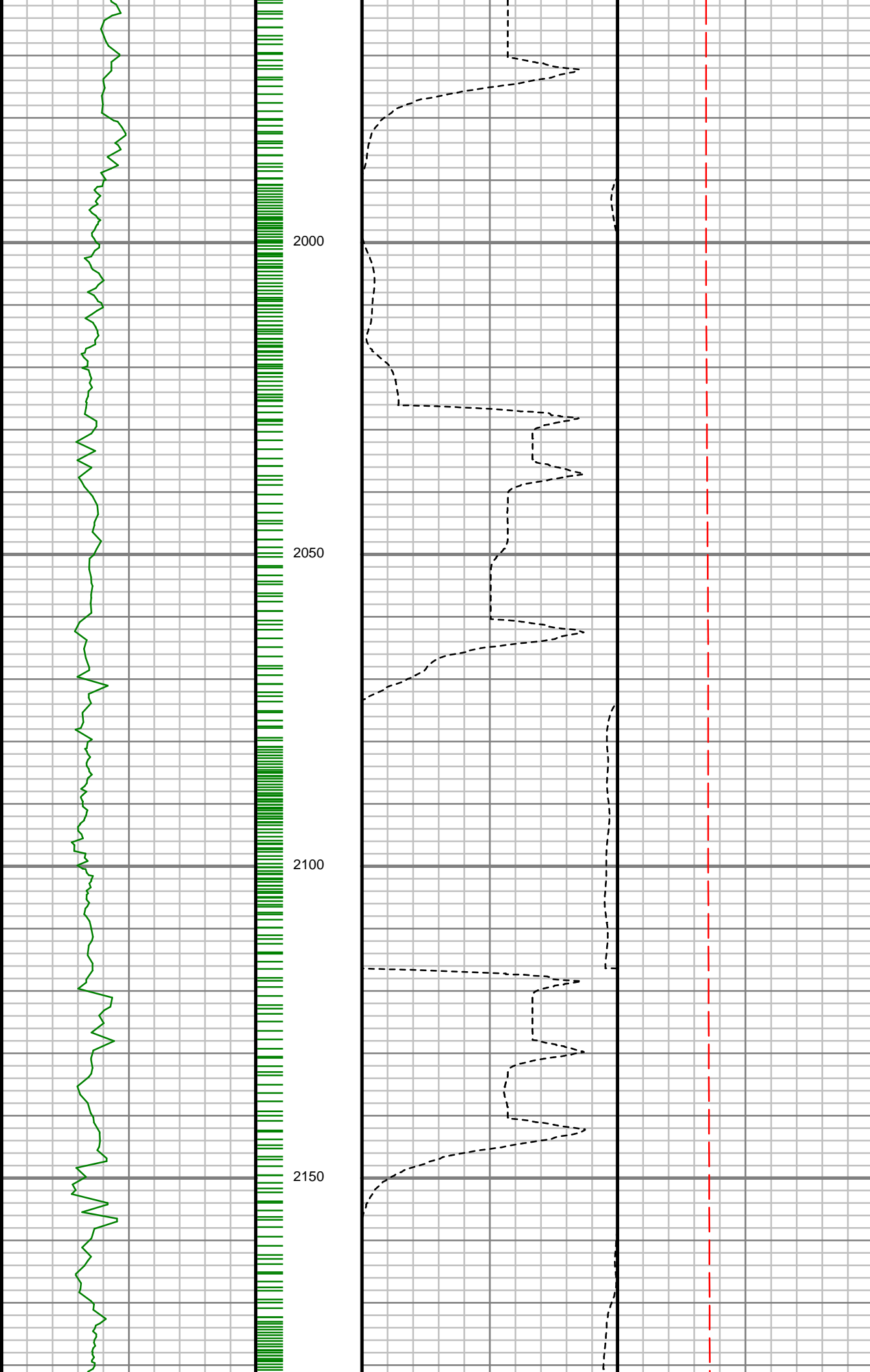
S: 9 MD: 1608.00 ft
Inc: 12.07 deg Az:
206.37 deg TVD:
1602.67 ft

S: 10 MD: 1699.00 ft
Inc: 14.10 deg Az:
203.67 deg TVD:
1691.30 ft



S: 11 MD: 1790.00 ft
Inc: 14.83 deg Az:
204.40 deg TVD:
1779.42 ft

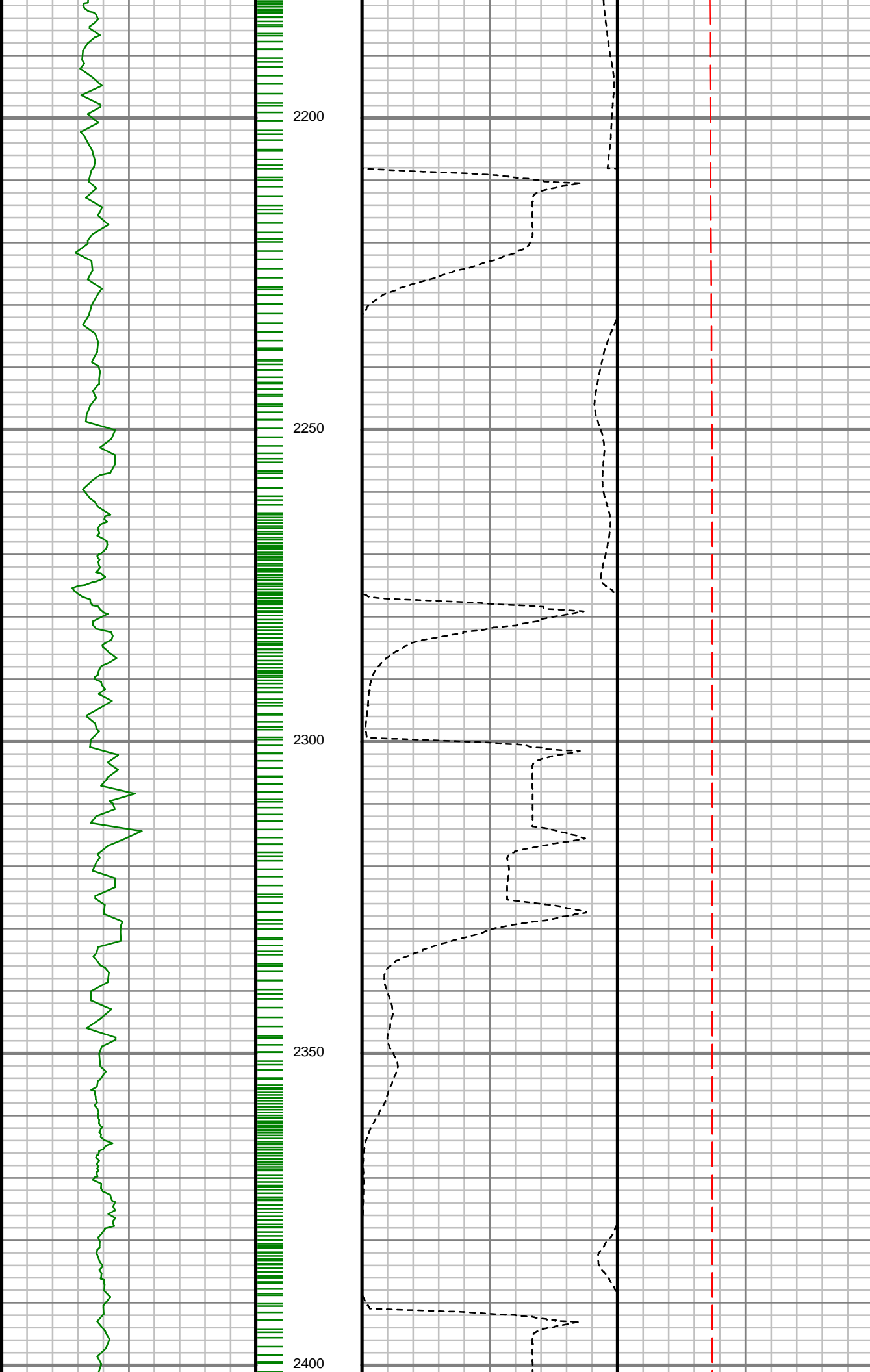
S: 12 MD: 1882.00 ft
Inc: 16.55 deg Az:
202.23 deg TVD:
1867.99 ft



S: 13 MD: 1973.00 ft
Inc: 18.21 deg Az:
201.60 deg TVD:
1954.83 ft

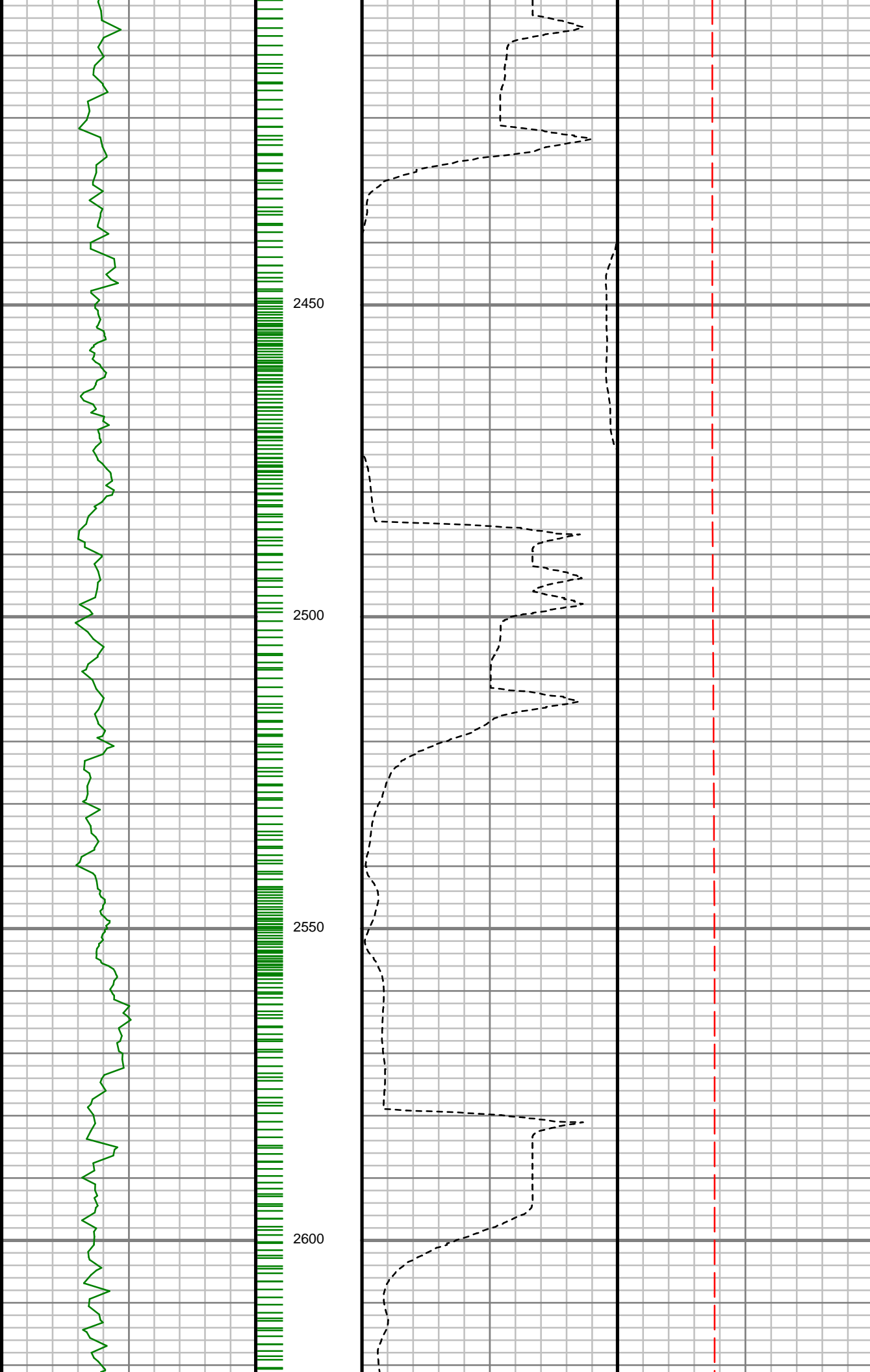
S: 14 MD: 2064.00 ft
Inc: 19.78 deg Az:
204.59 deg TVD:
2040.88 ft

S: 15 MD: 2156.00 ft
Inc: 20.13 deg Az:
207.09 deg TVD:
2127.36 ft



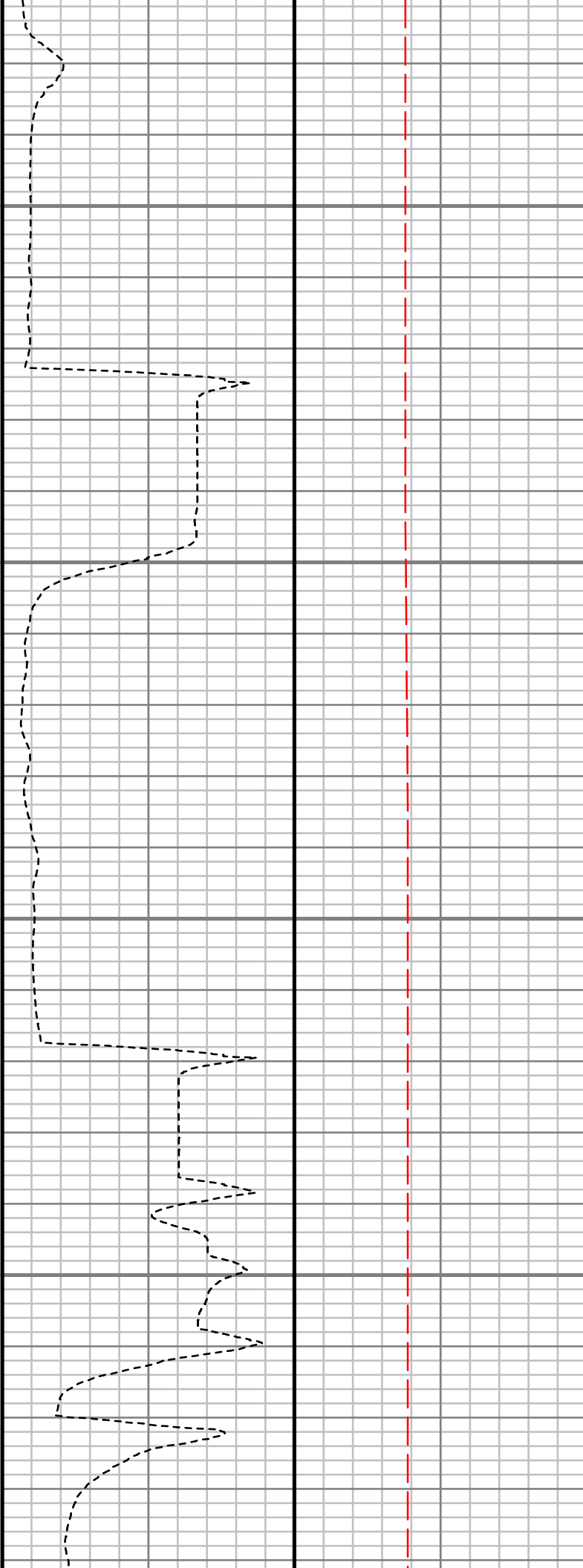
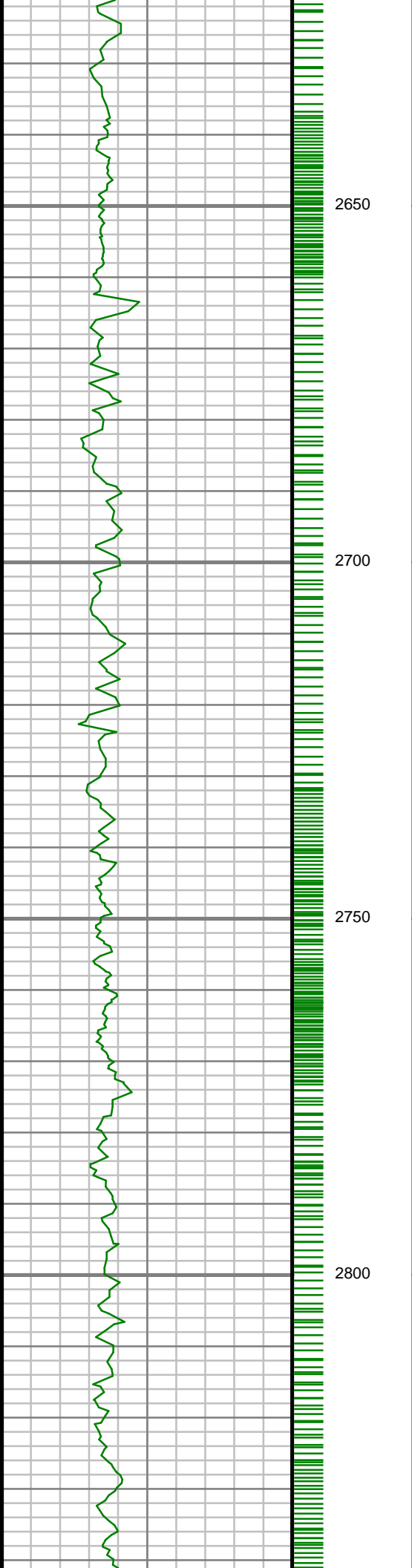
S: 16 MD: 2247.00 ft
Inc: 19.56 deg Az:
202.47 deg TVD:
2212.96 ft

S: 17 MD: 2338.00 ft
Inc: 18.42 deg Az:
203.55 deg TVD:
2299.00 ft



S: 18 MD: 2433.00 ft
Inc: 17.83 deg Az:
207.22 deg TVD:
2389.29 ft

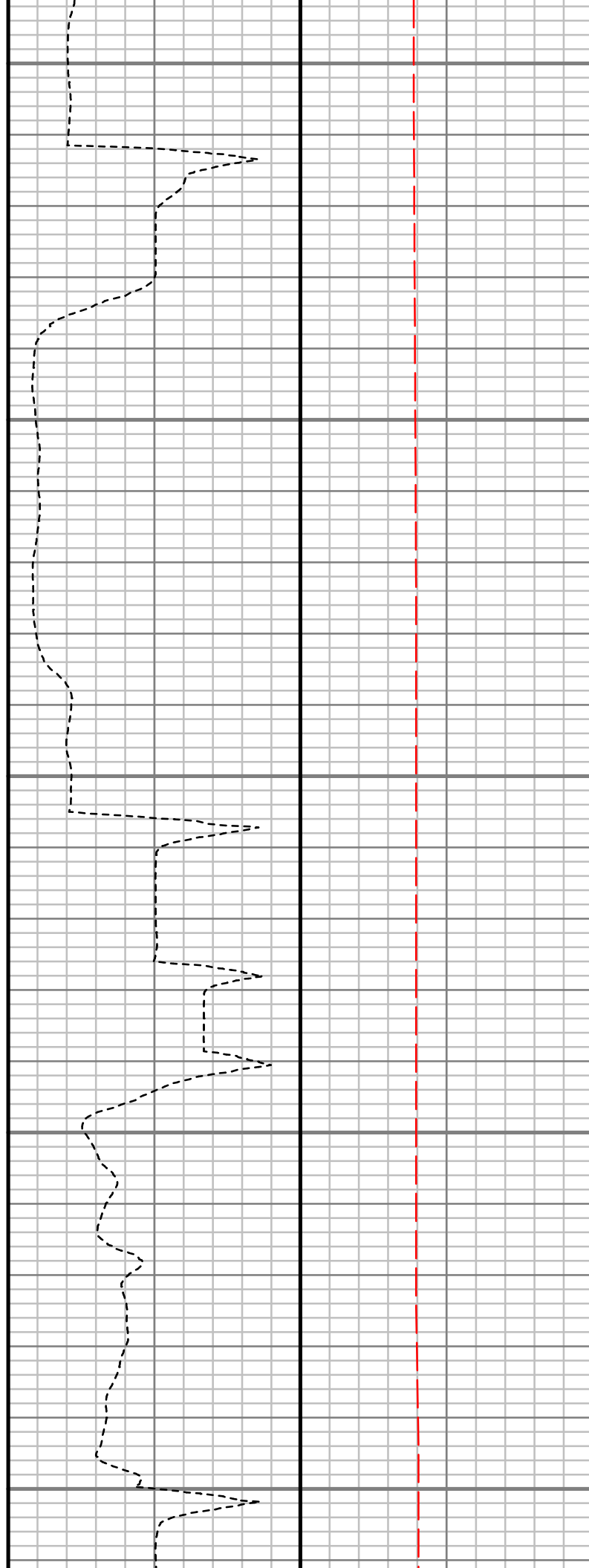
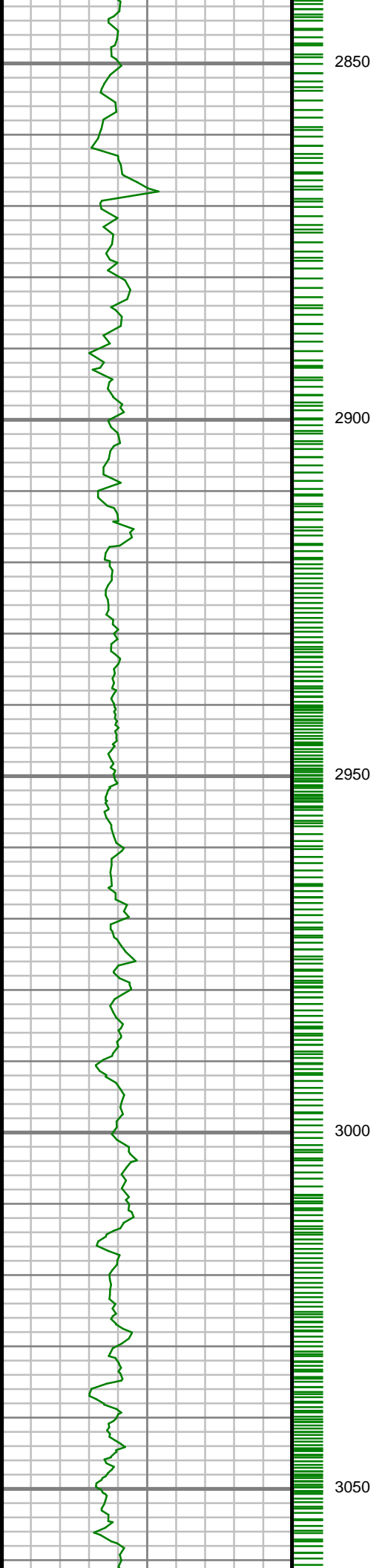
S: 19 MD: 2527.00 ft
Inc: 18.28 deg Az:
211.81 deg TVD:
2478.67 ft



S: 20 MD: 2622.00 ft
Inc: 18.09 deg Az:
208.94 deg TVD:
2568.93 ft

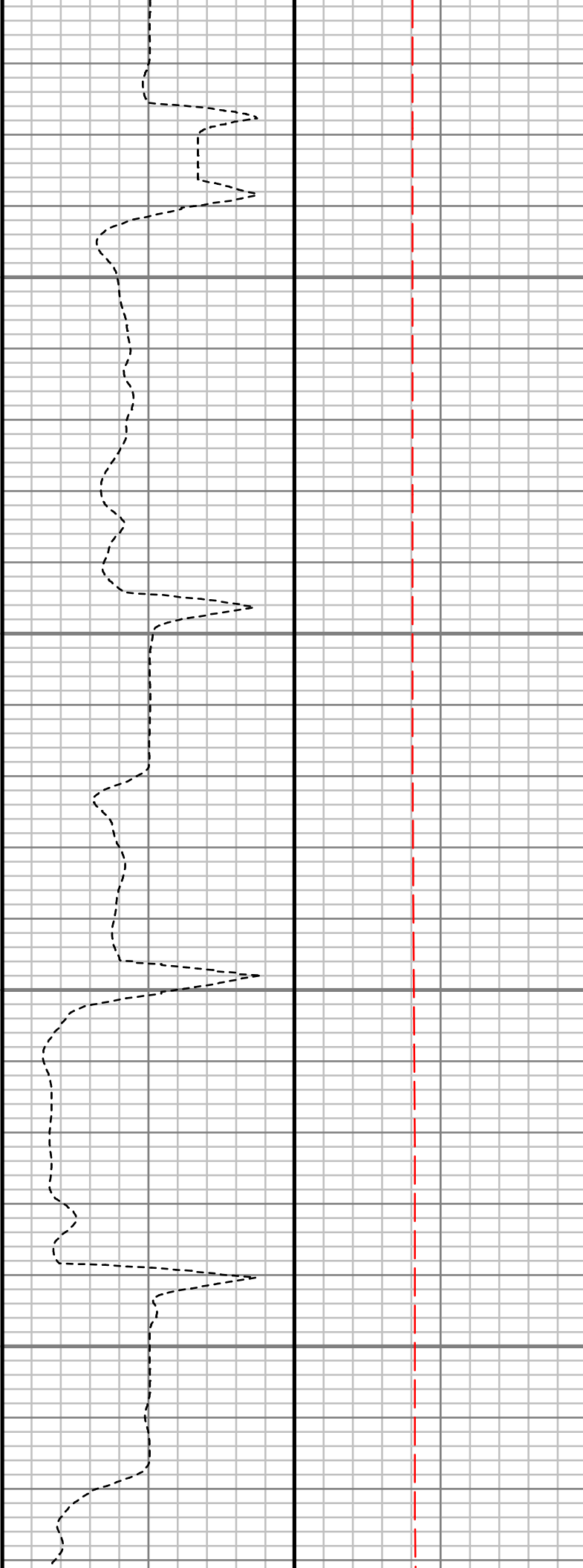
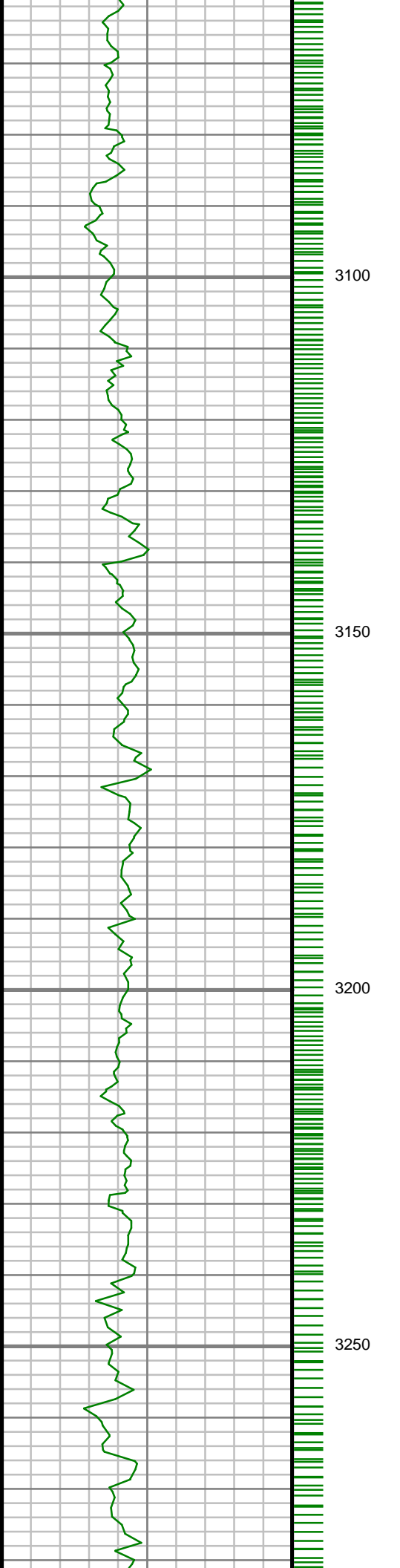
S: 21 MD: 2715.00 ft
Inc: 18.44 deg Az:
208.18 deg TVD:
2657.24 ft

S: 22 MD: 2809.00 ft
Inc: 17.27 deg Az:
209.03 deg TVD:
2746.72 ft



S: 23 MD: 2904.00 ft
Inc: 16.65 deg Az:
209.19 deg TVD:
2837.58 ft

S: 24 MD: 2997.00 ft
Inc: 14.07 deg Az:
205.53 deg TVD:
2927.26 ft



S: 25 MD: 3091.00 ft
Inc: 11.33 deg Az:
205.20 deg TVD:
3018.95 ft

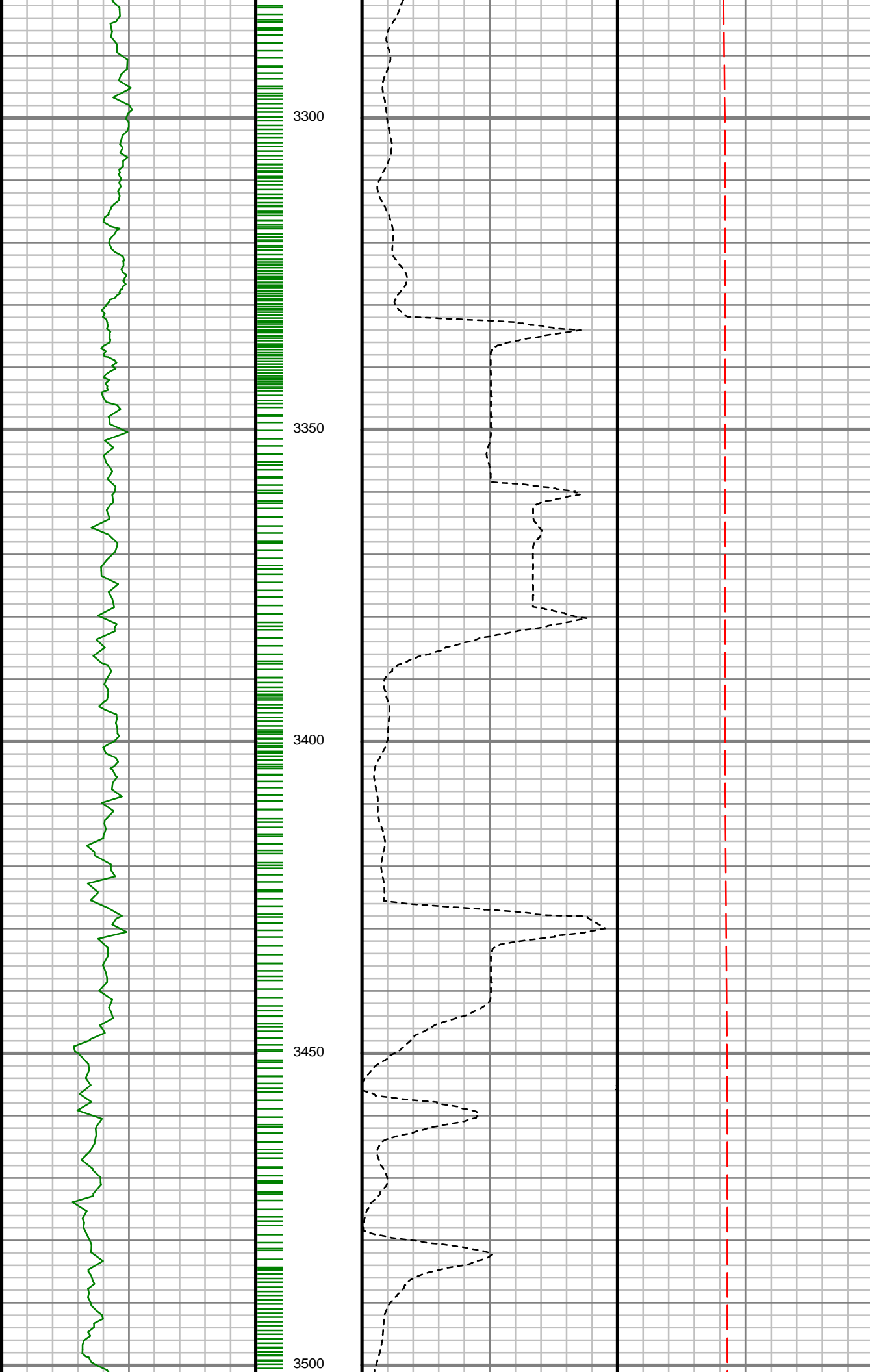
S: 26 MD: 3186.00 ft
Inc: 10.23 deg Az:
204.83 deg TVD:
3112.27 ft

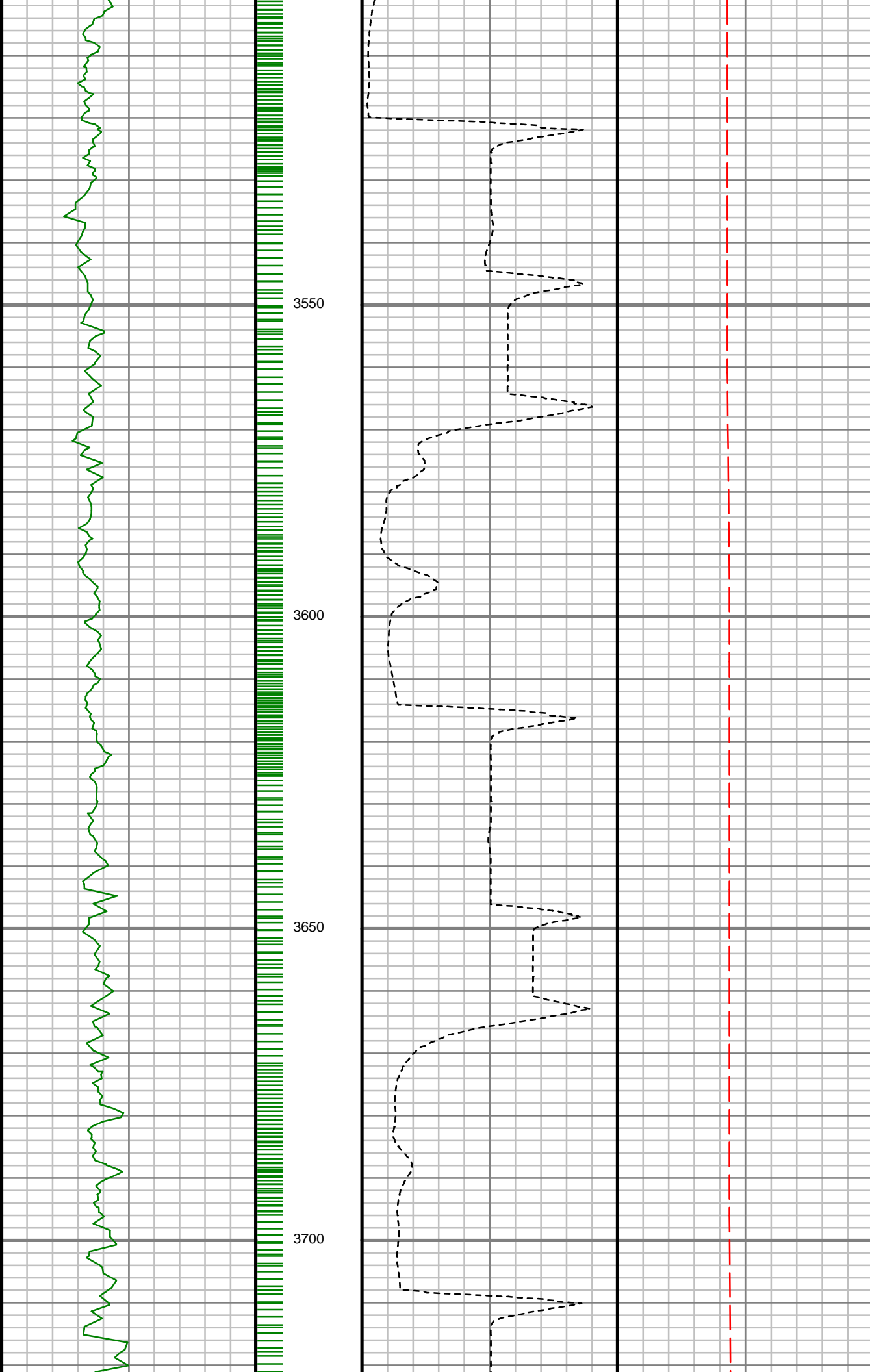
S: 27 MD: 3280.00 ft

S: 27 MD: 3280.00 ft
Inc: 9.29 deg Az:
200.43 deg TVD:
3204.91 ft

S: 28 MD: 3374.00 ft
Inc: 8.43 deg Az:
208.76 deg TVD:
3297.79 ft

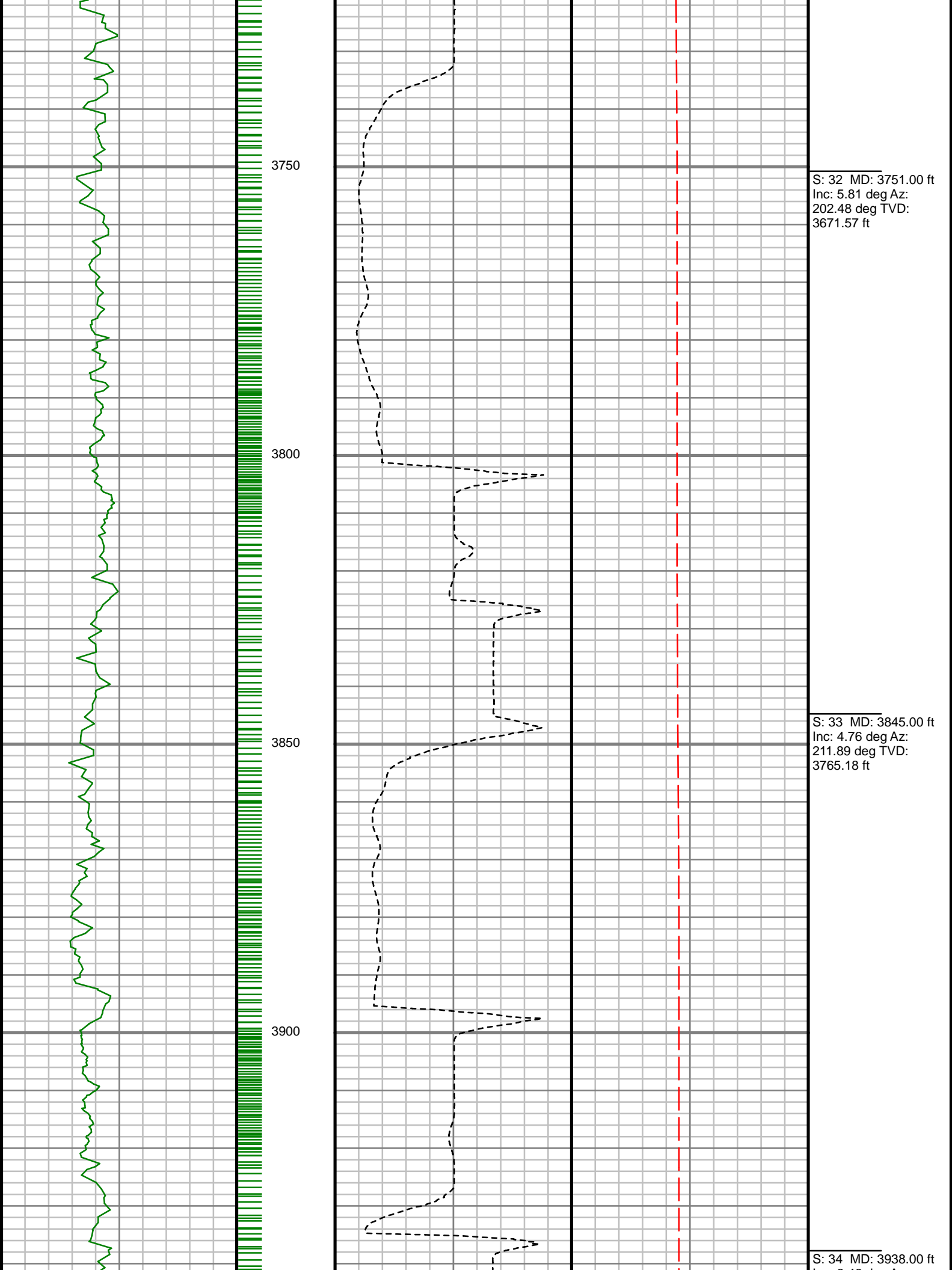
S: 29 MD: 3468.00 ft
Inc: 8.34 deg Az:
212.24 deg TVD:
3390.79 ft

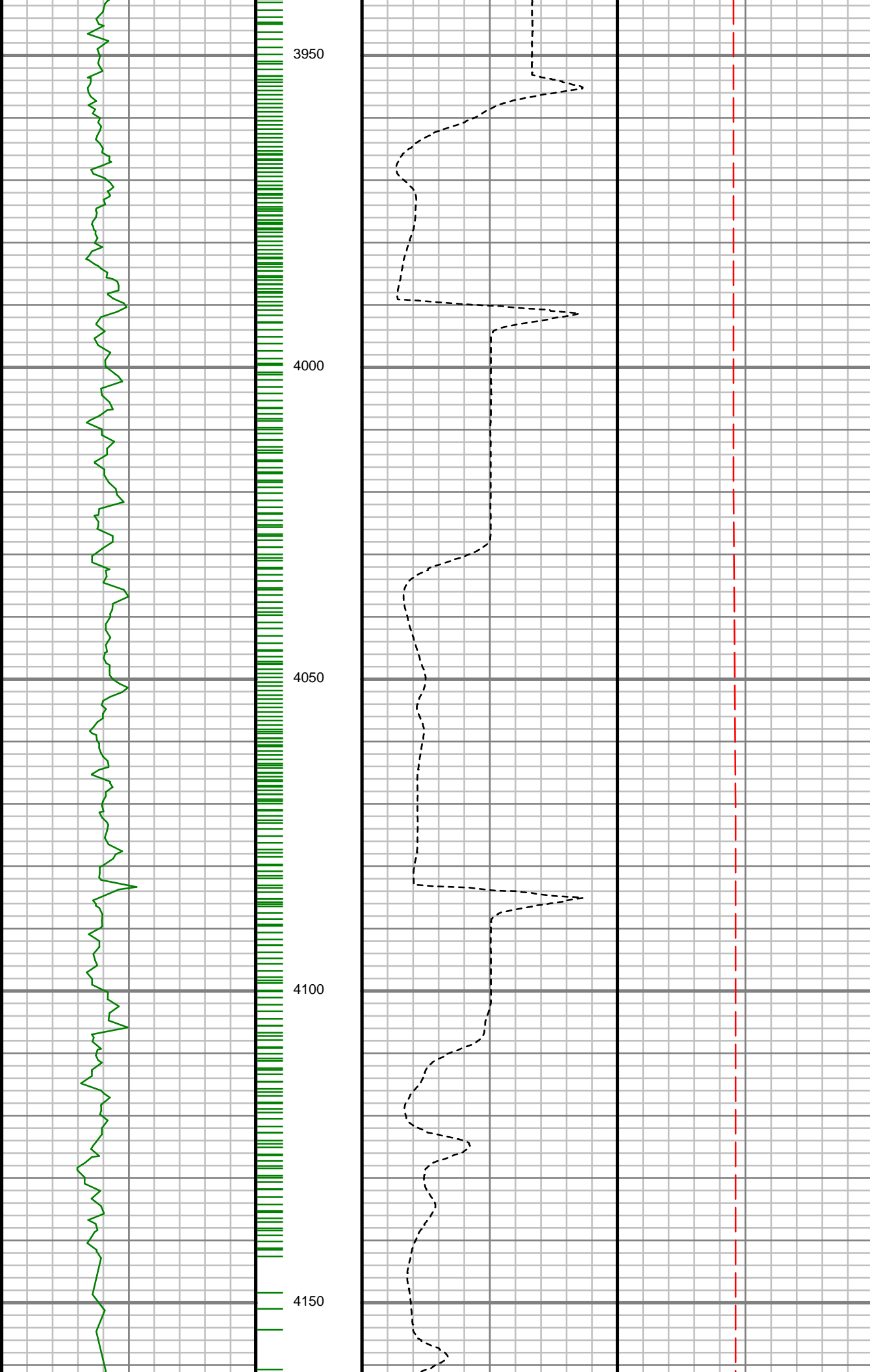




S: 30 MD: 3562.00 ft
Inc: 7.75 deg Az:
205.36 deg TVD:
3483.87 ft

S: 31 MD: 3657.00 ft
Inc: 6.58 deg Az:
201.74 deg TVD:
3578.12 ft

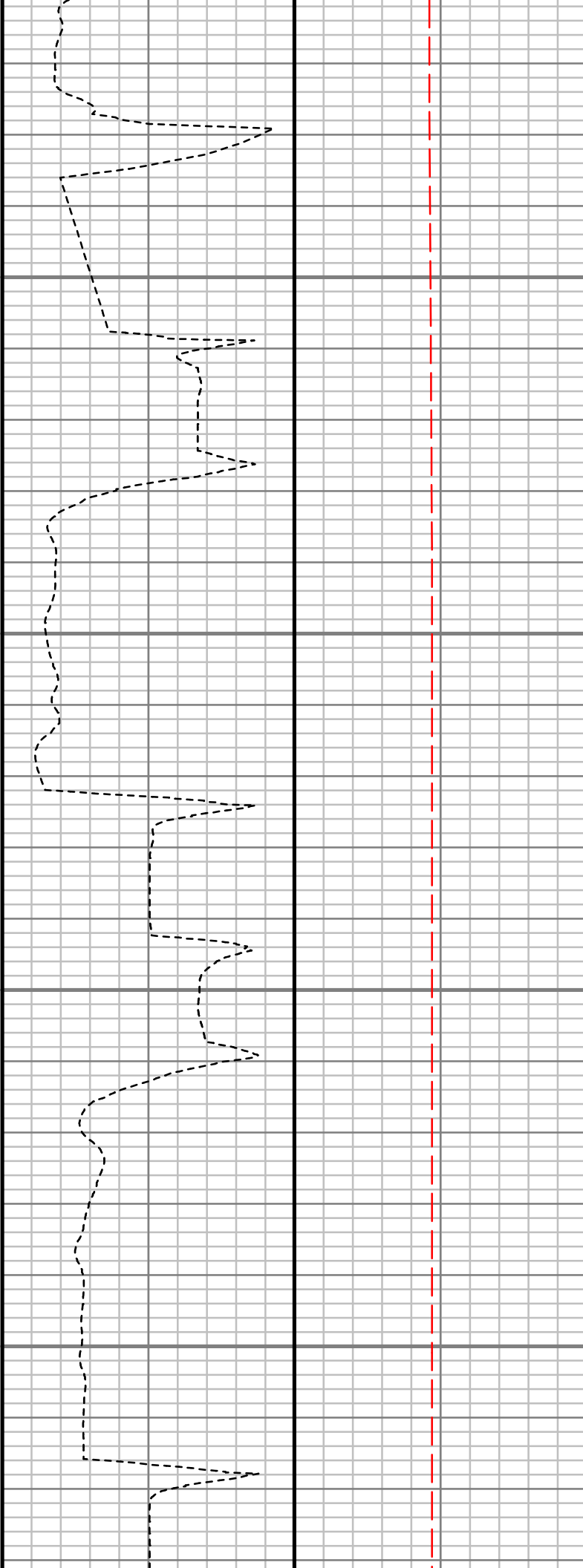
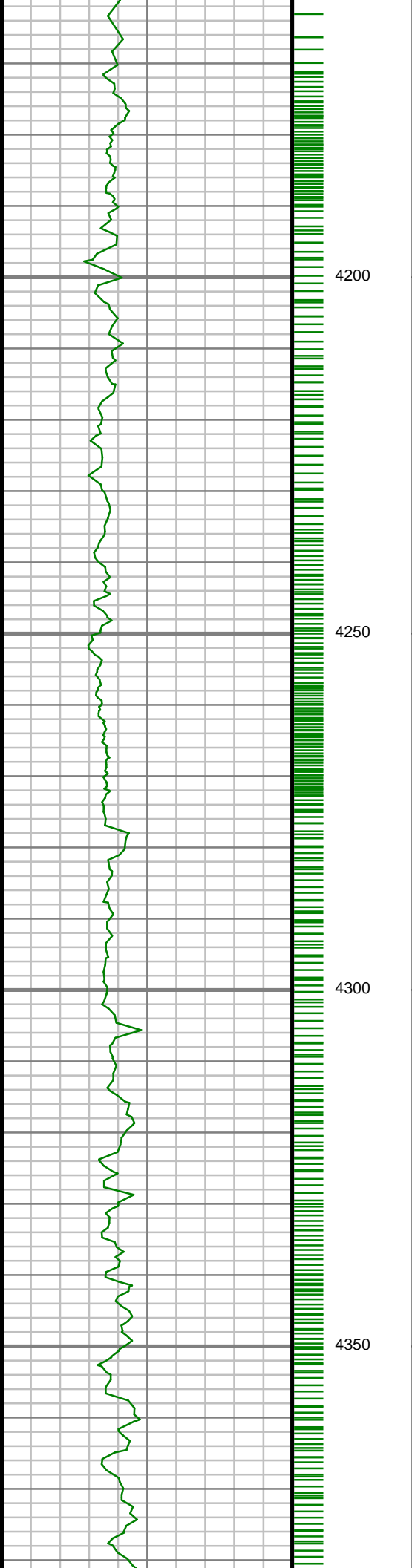




Inc: 3.46 deg Az:
218.48 deg TVD:
3857.93 ft

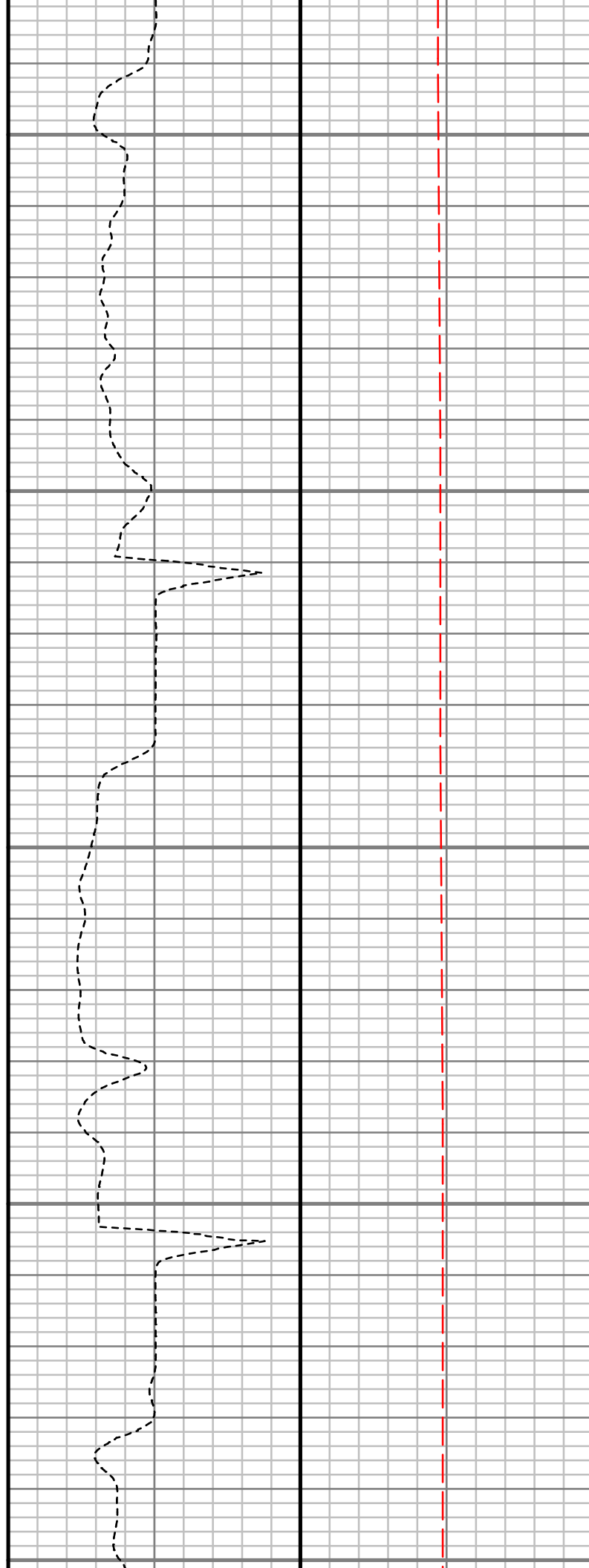
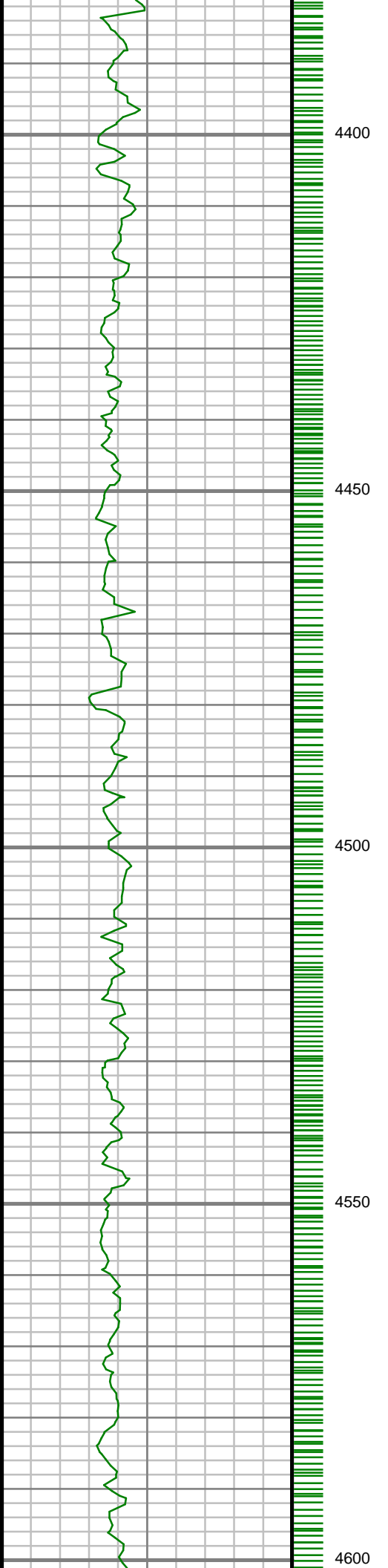
S: 35 MD: 4032.00 ft
Inc: 2.02 deg Az:
240.81 deg TVD:
3951.83 ft

S: 36 MD: 4126.00 ft
Inc: 2.02 deg Az:
244.16 deg TVD:
4045.77 ft



S: 37 MD: 4220.00 ft
Inc: 1.31 deg Az:
218.92 deg TVD:
4139.73 ft

S: 38 MD: 4314.00 ft
Inc: 1.61 deg Az:
123.39 deg TVD:
4233.71 ft



S: 39 MD: 4407.00 ft
Inc: 0.61 deg Az: 89.07
deg TVD: 4326.69 ft

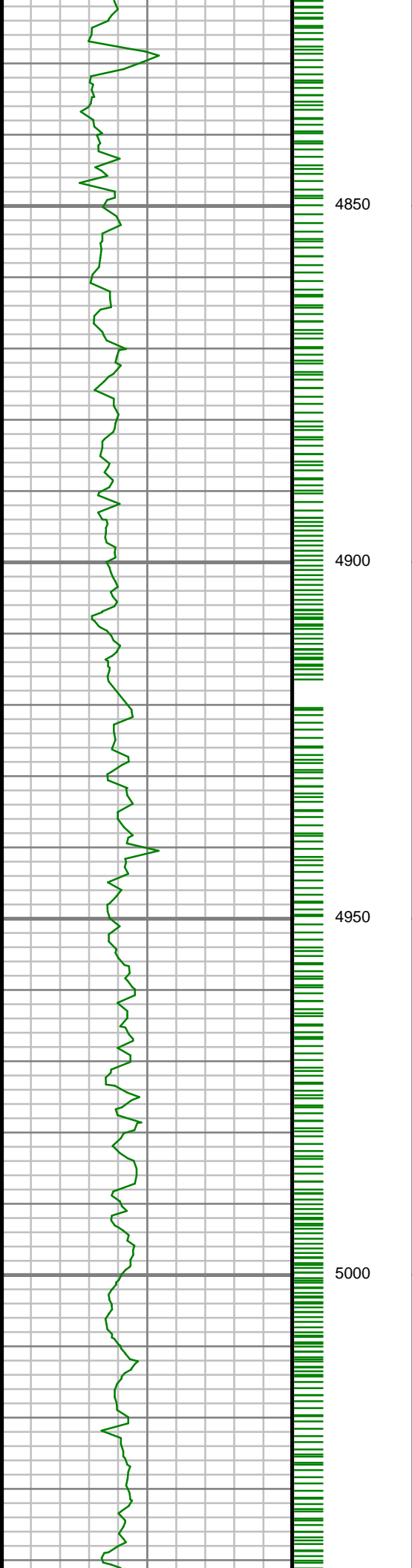
S: 40 MD: 4500.00 ft
Inc: 0.92 deg Az: 17.26
deg TVD: 4419.69 ft

S: 41 MD: 4595.00 ft
Inc: 0.67 deg Az: 0.79
deg TVD: 4514.69 ft

deg TVD: 4514.66 ft

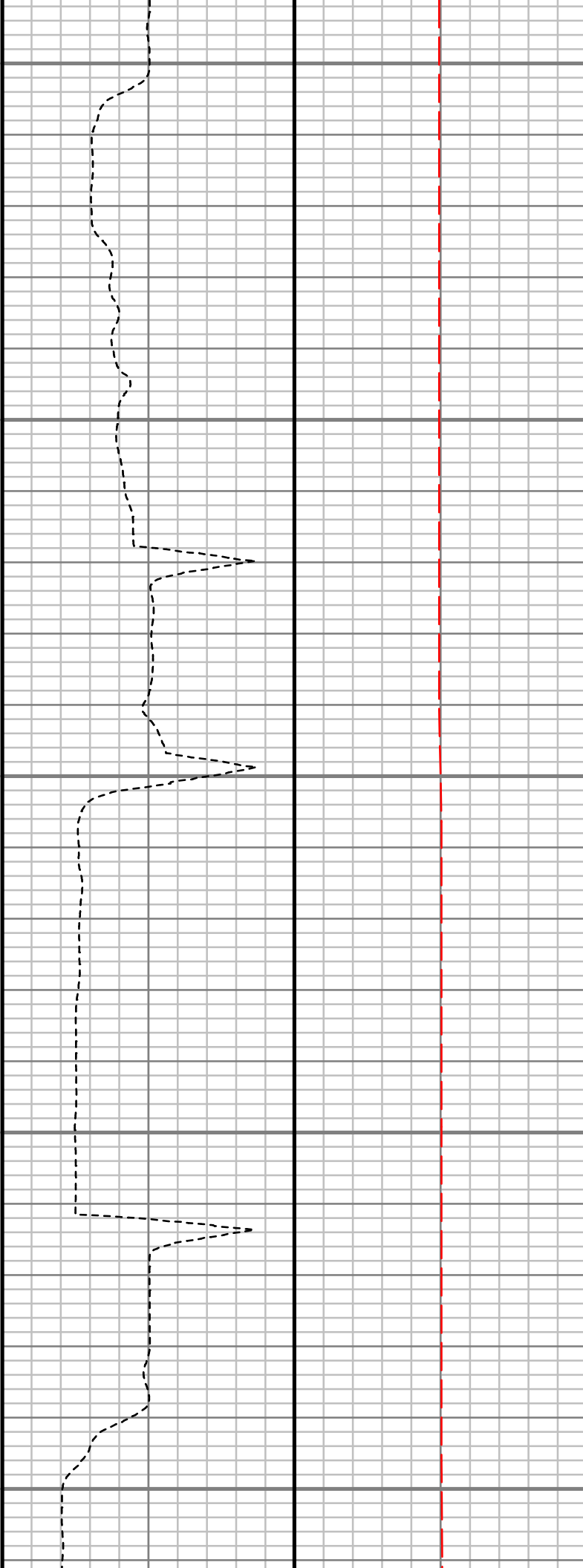
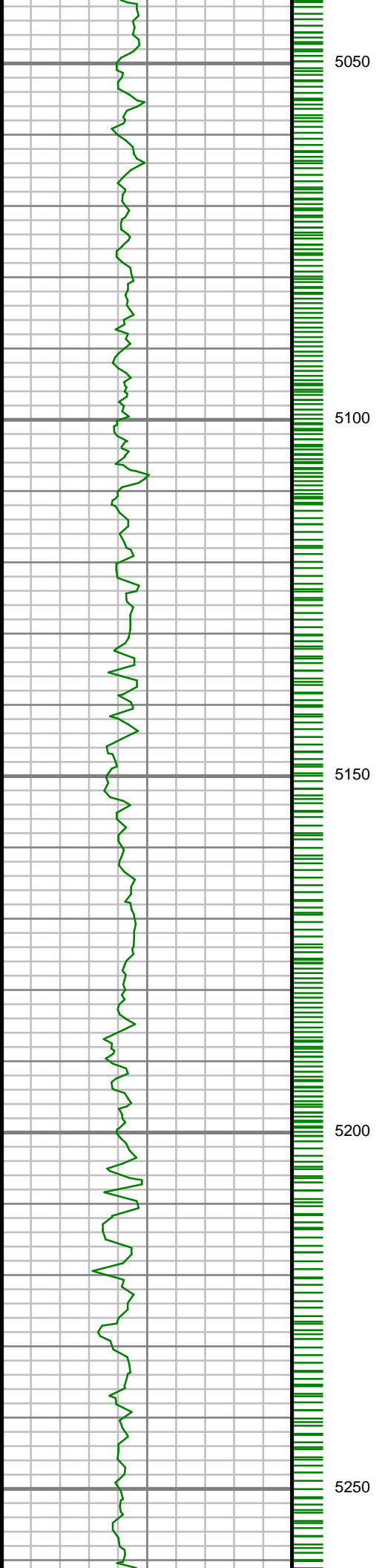
S: 42 MD: 4689.00 ft
Inc: 0.39 deg Az:
300.99 deg TVD:
4608.67 ft

S: 43 MD: 4783.00 ft
Inc: 0.41 deg Az:
284.67 deg TVD:
4702.67 ft



S: 44 MD: 4877.00 ft
Inc: 0.46 deg Az:
257.57 deg TVD:
4796.67 ft

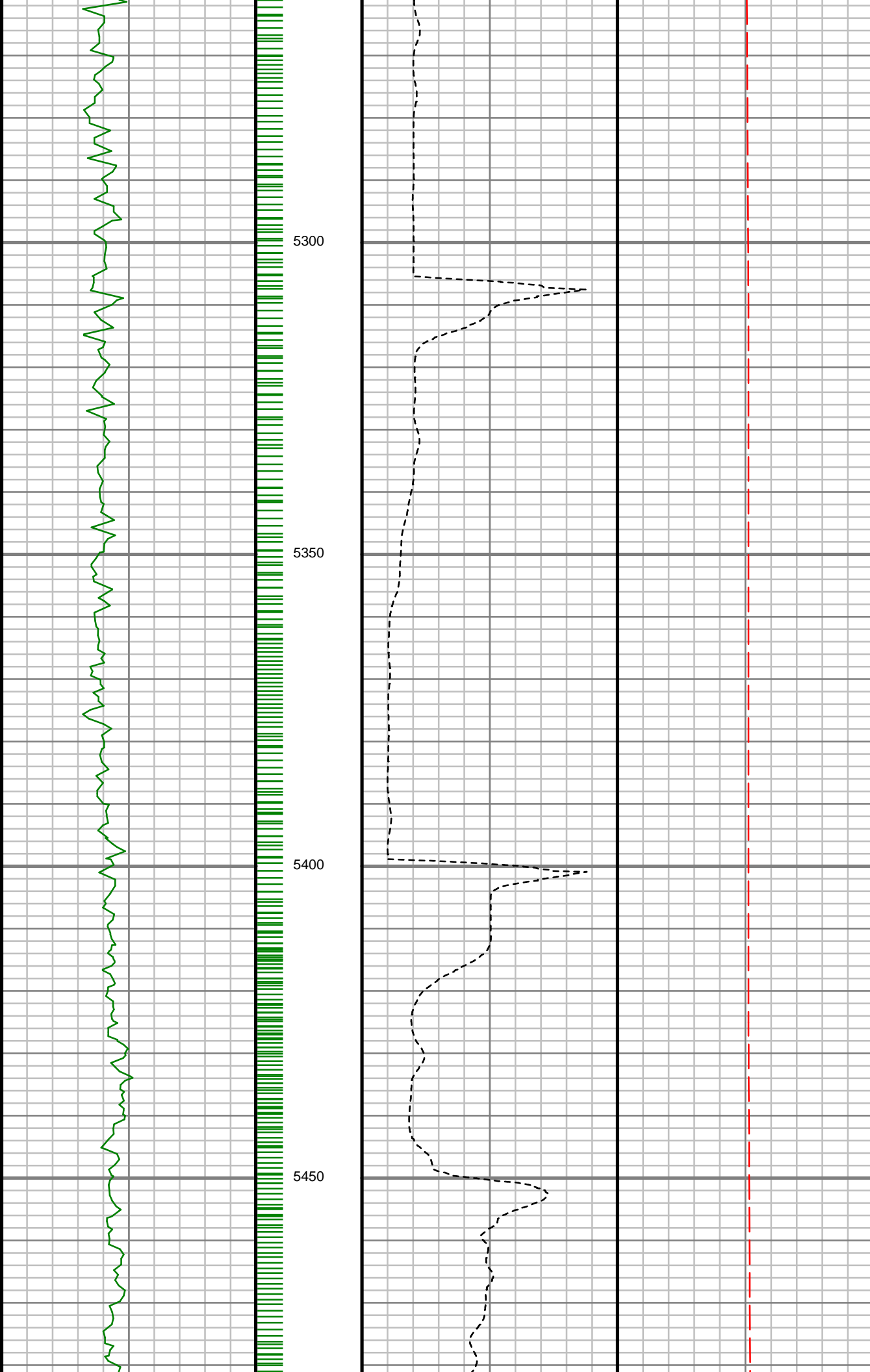
S: 45 MD: 4971.00 ft
Inc: 0.30 deg Az:
234.80 deg TVD:
4890.67 ft



S: 46 MD: 5065.00 ft
Inc: 0.31 deg Az:
216.05 deg TVD:
4984.67 ft

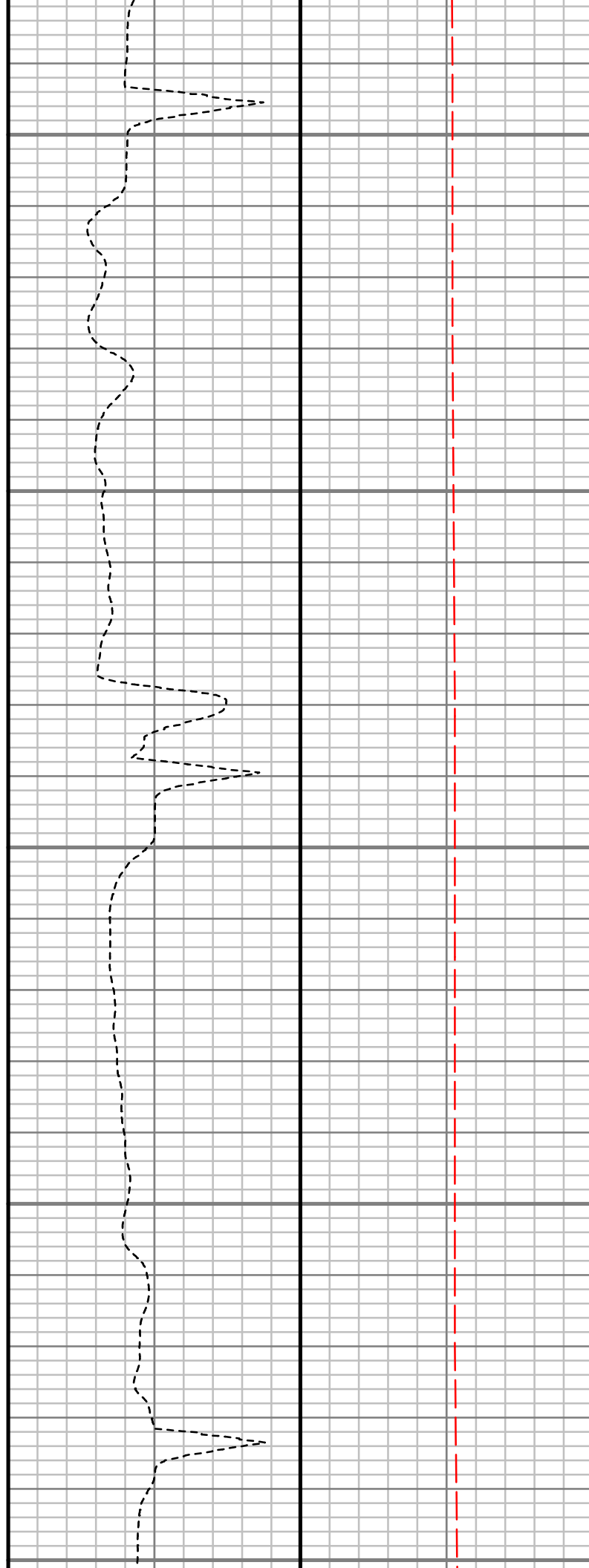
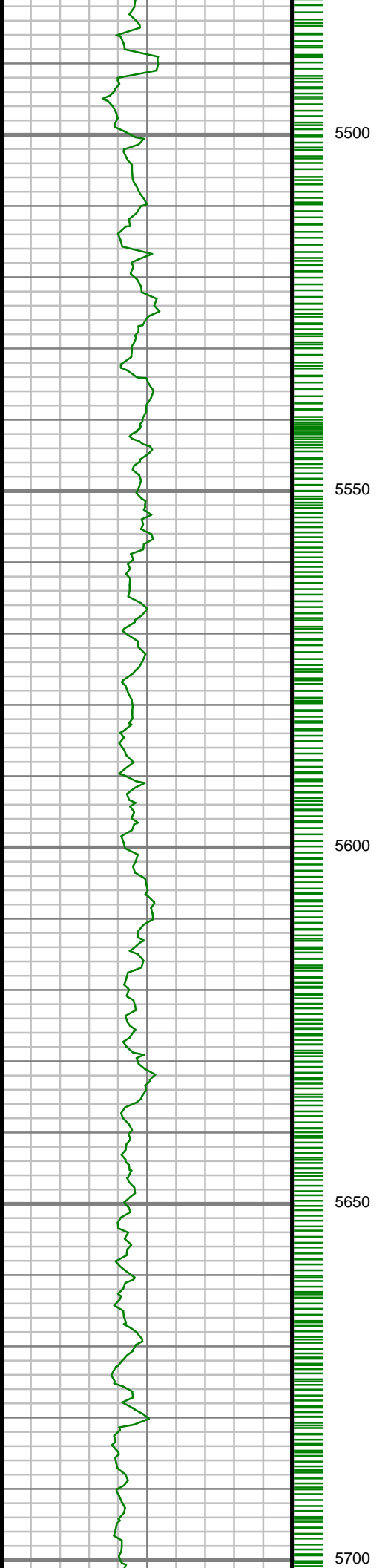
S: 47 MD: 5159.00 ft
Inc: 0.50 deg Az:
179.57 deg TVD:
5078.66 ft

S: 48 MD: 5252.00 ft
Inc: 0.57 deg Az:
175.47 deg TVD:
5171.66 ft



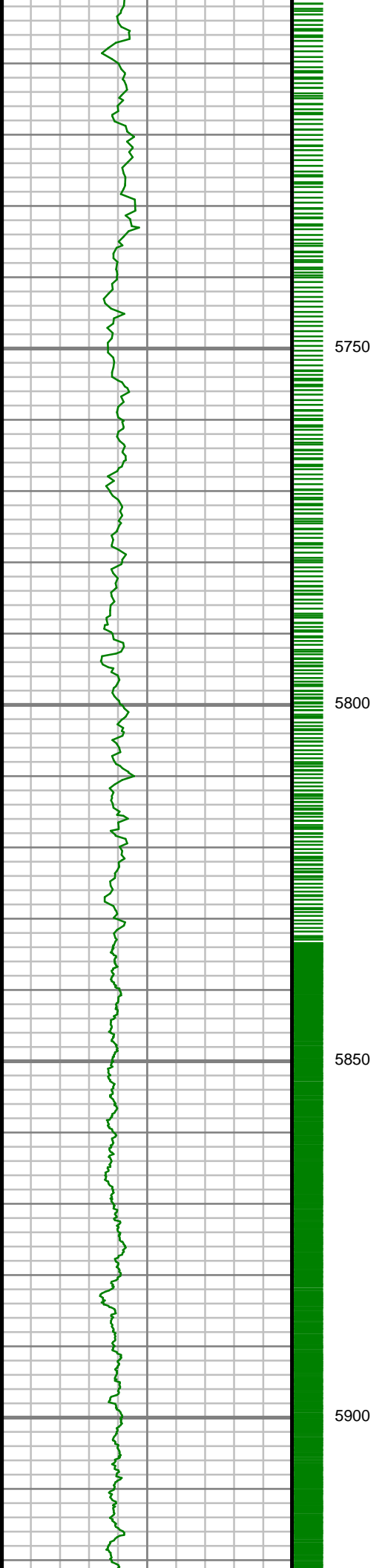
S: 49 MD: 5346.00 ft
Inc: 0.72 deg Az:
179.81 deg TVD:
5265.65 ft

S: 50 MD: 5440.00 ft
Inc: 0.66 deg Az:
199.70 deg TVD:
5359.65 ft



S: 51 MD: 5534.00 ft
Inc: 0.66 deg Az:
183.95 deg TVD:
5453.64 ft

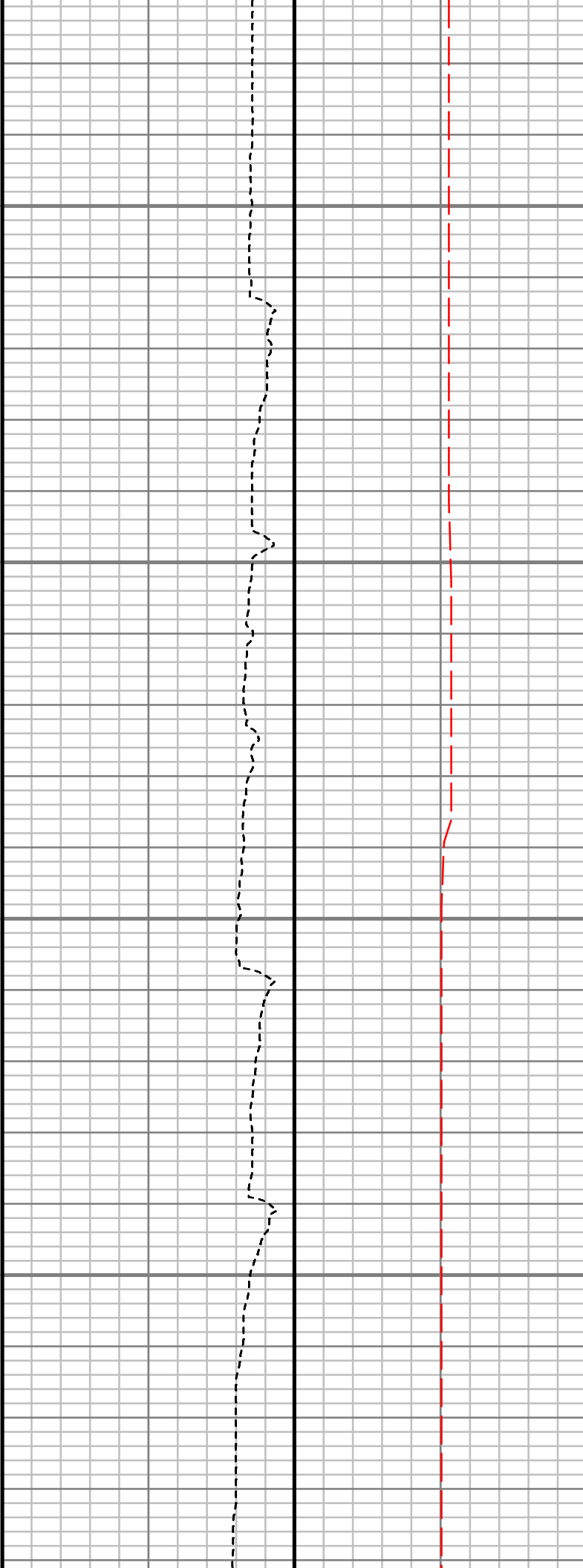
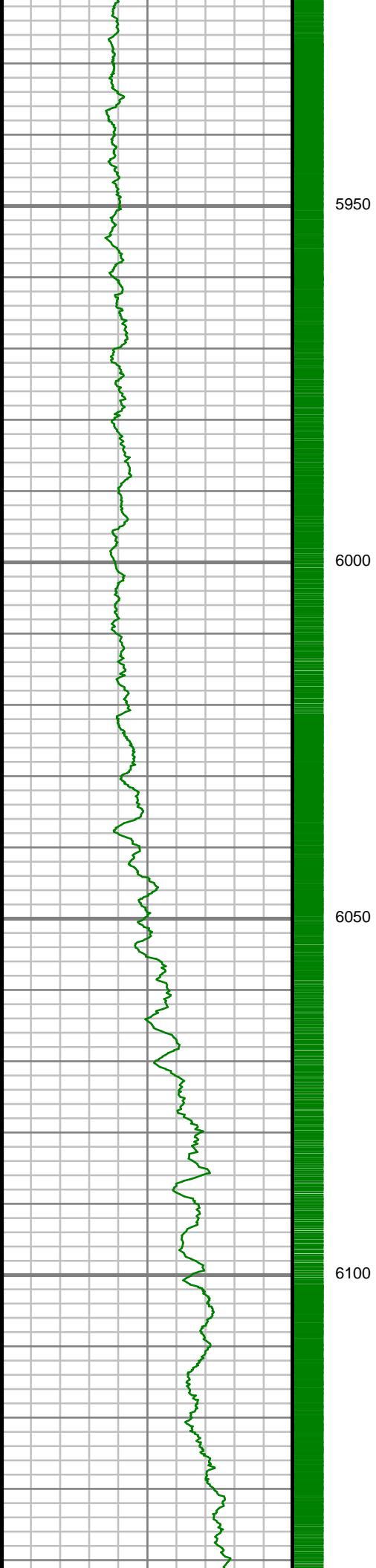
S: 52 MD: 5628.00 ft
Inc: 0.97 deg Az:
188.14 deg TVD:
5547.63 ft



S: 53 MD: 5721.00 ft
Inc: 0.72 deg Az:
138.58 deg TVD:
5640.62 ft

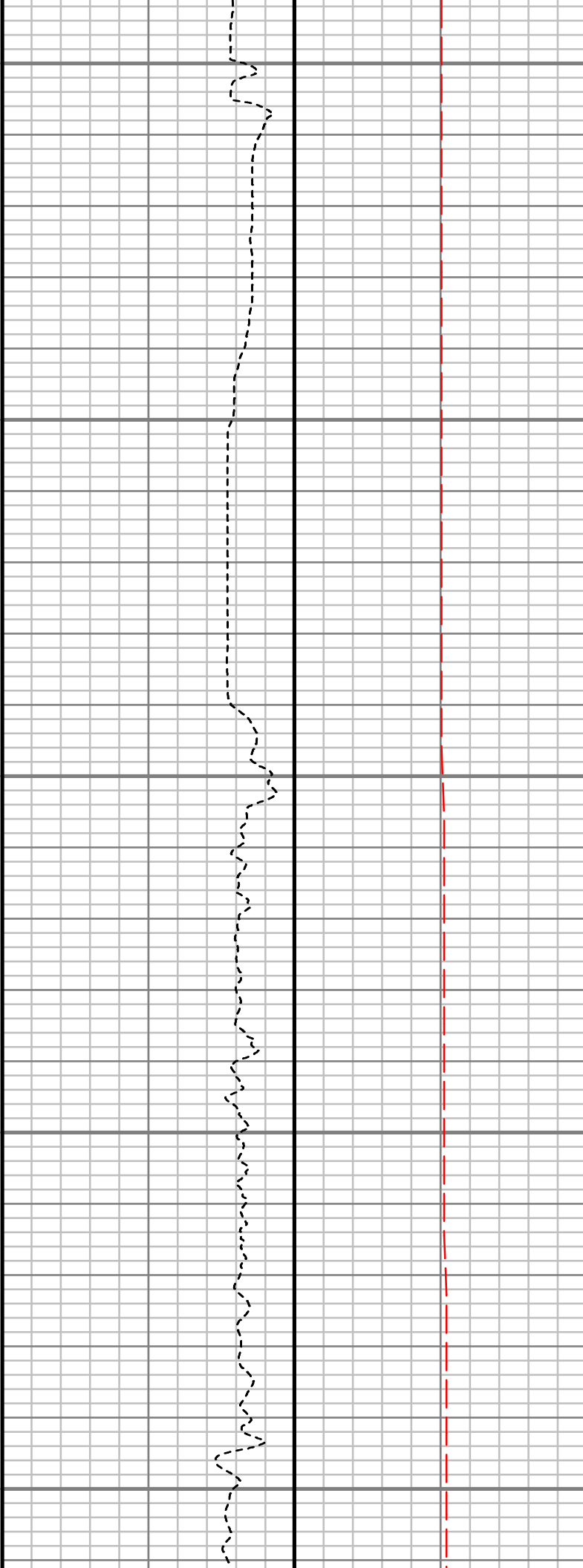
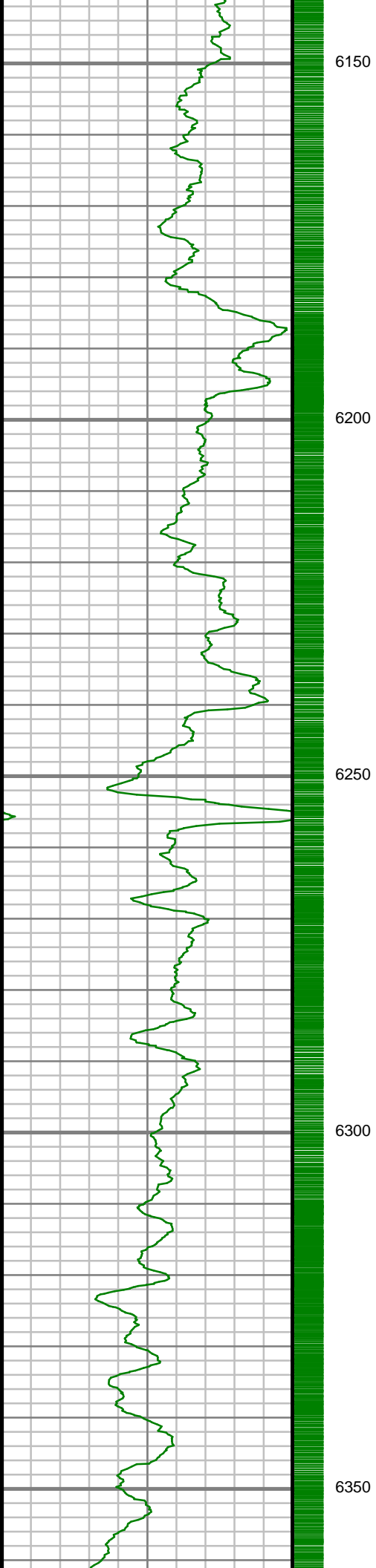
S: 54 MD: 5815.00 ft
Inc: 0.76 deg Az:
130.38 deg TVD:
5734.61 ft

S: 55 MD: 5909.00 ft
Inc: 4.77 deg Az:
282.35 deg TVD:
5828.52 ft



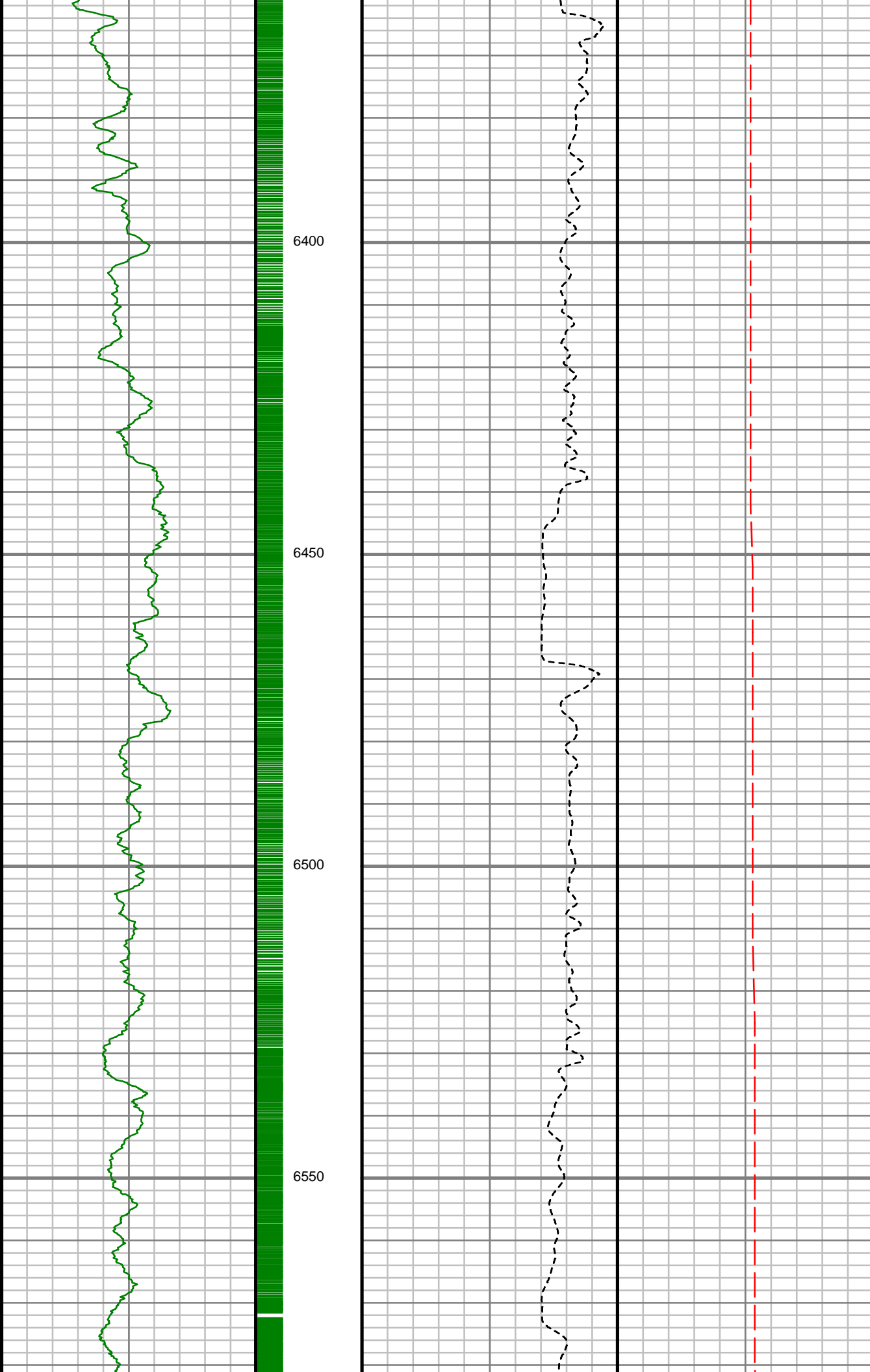
S: 56 MD: 6003.00 ft
Inc: 12.28 deg Az:
284.27 deg TVD:
5921.41 ft

S: 57 MD: 6097.00 ft
Inc: 19.87 deg Az:
280.21 deg TVD:
6011.67 ft



S: 58 MD: 6191.00 ft
Inc: 32.50 deg Az:
272.47 deg TVD:
6095.88 ft

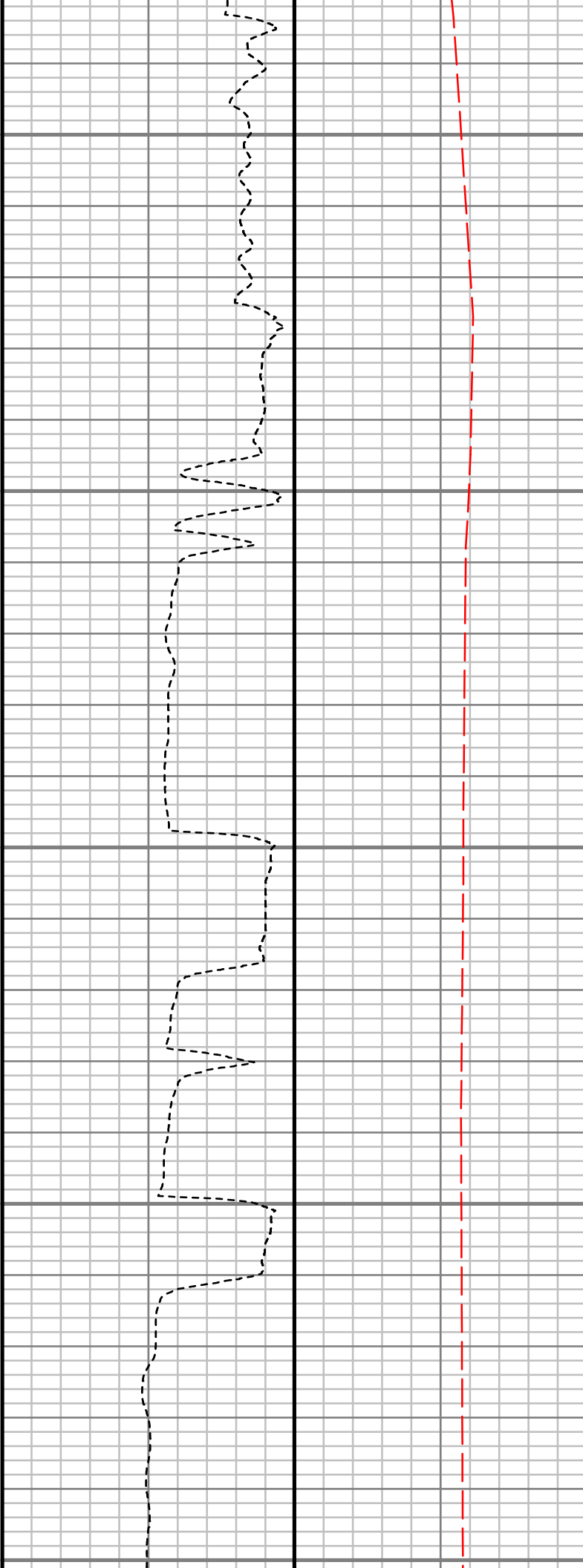
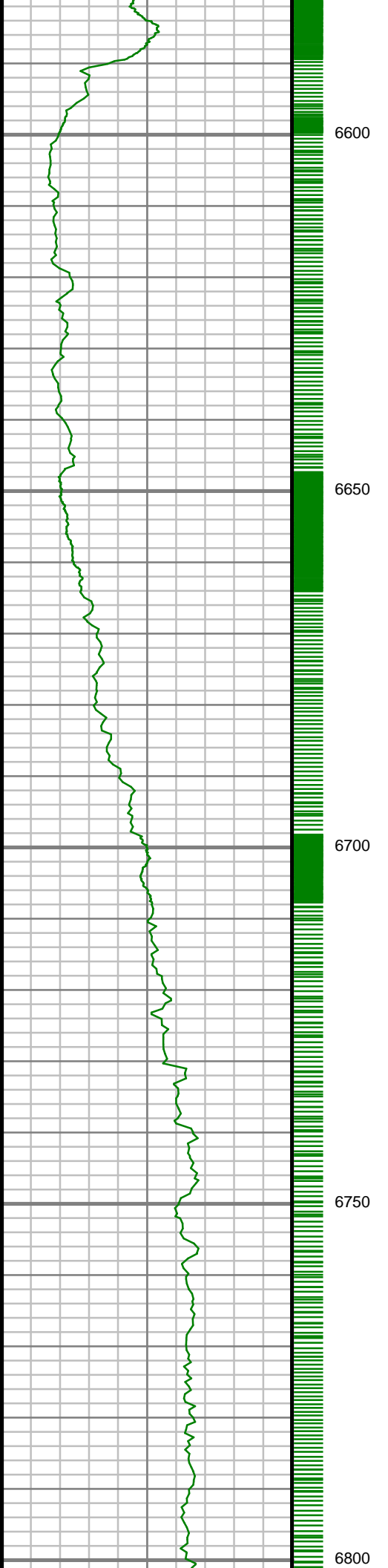
S: 59 MD: 6285.00 ft
Inc: 46.51 deg Az:
267.31 deg TVD:
6168.25 ft



S: 60 MD: 6379.00 ft
Inc: 58.64 deg Az:
267.32 deg TVD:
6225.27 ft

S: 61 MD: 6473.00 ft
Inc: 70.41 deg Az:
268.70 deg TVD:
6265.64 ft

S: 62 MD: 6567.00 ft
Inc: 80.78 deg Az:
268.29 deg TVD:
6289.00 ft

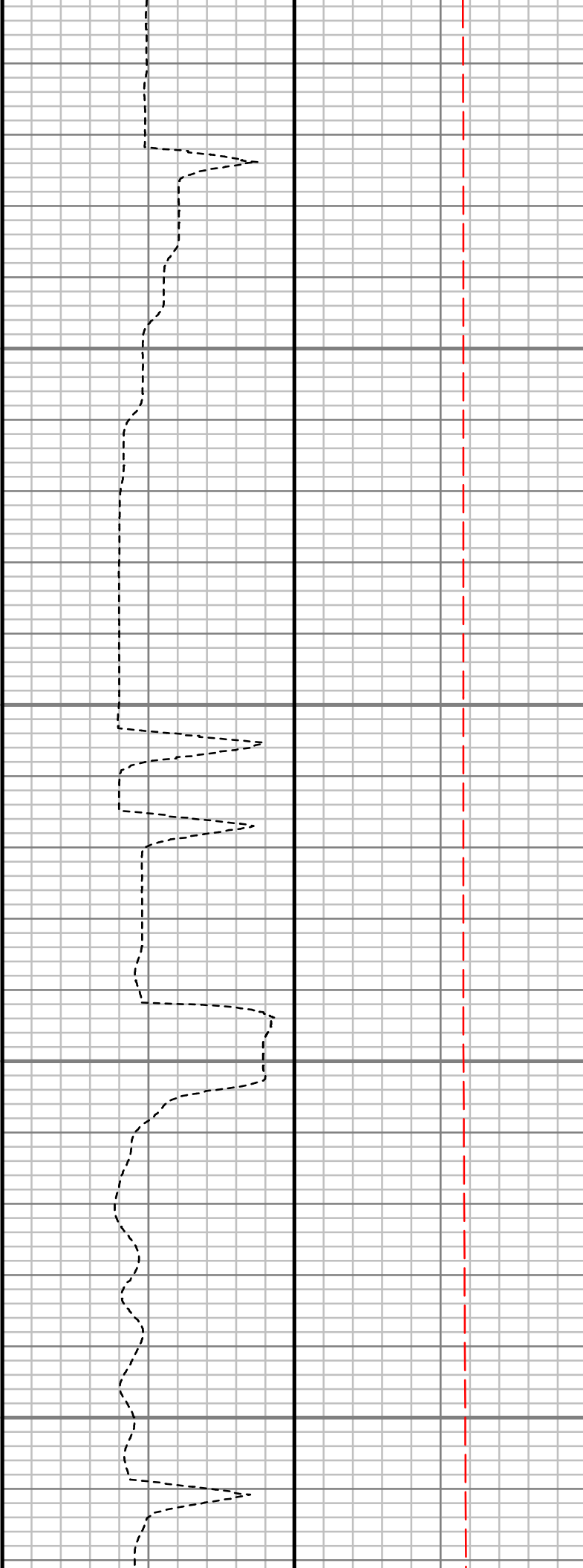
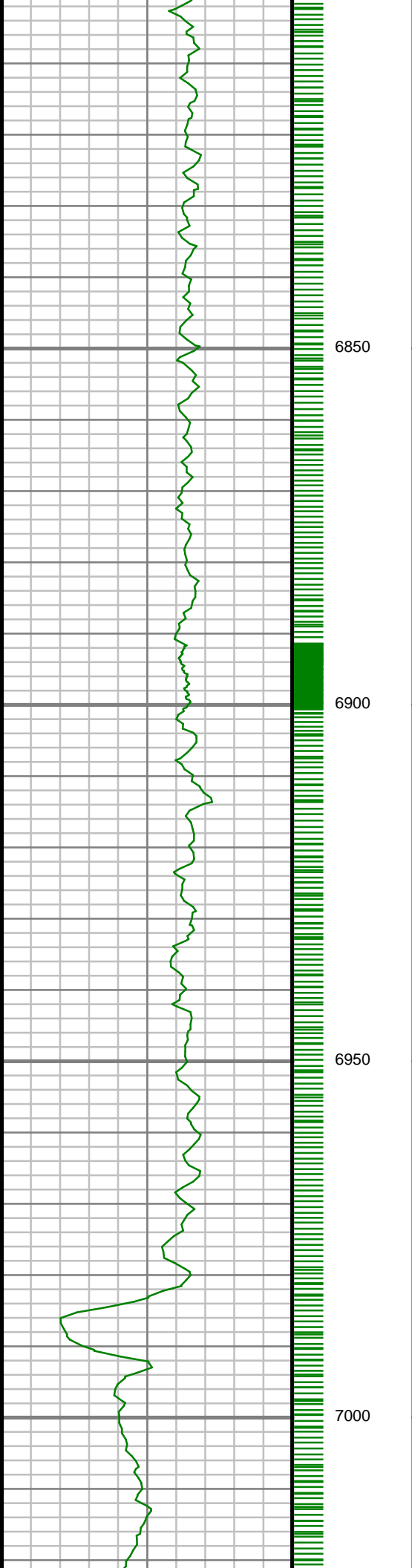


S: 63 MD: 6584.00 ft
Inc: 82.32 deg Az:
268.52 deg TVD:
6291.49 ft

S: 64 MD: 6642.00 ft
Inc: 88.29 deg Az:
267.50 deg TVD:
6296.24 ft

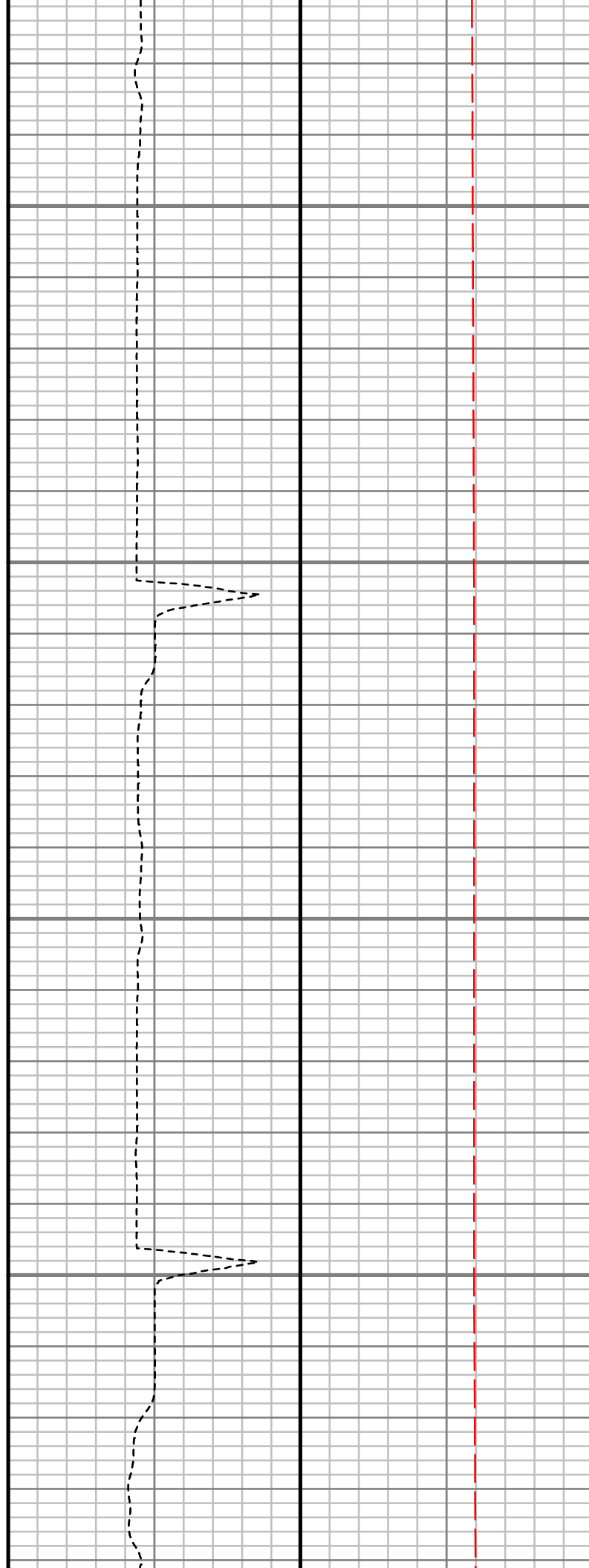
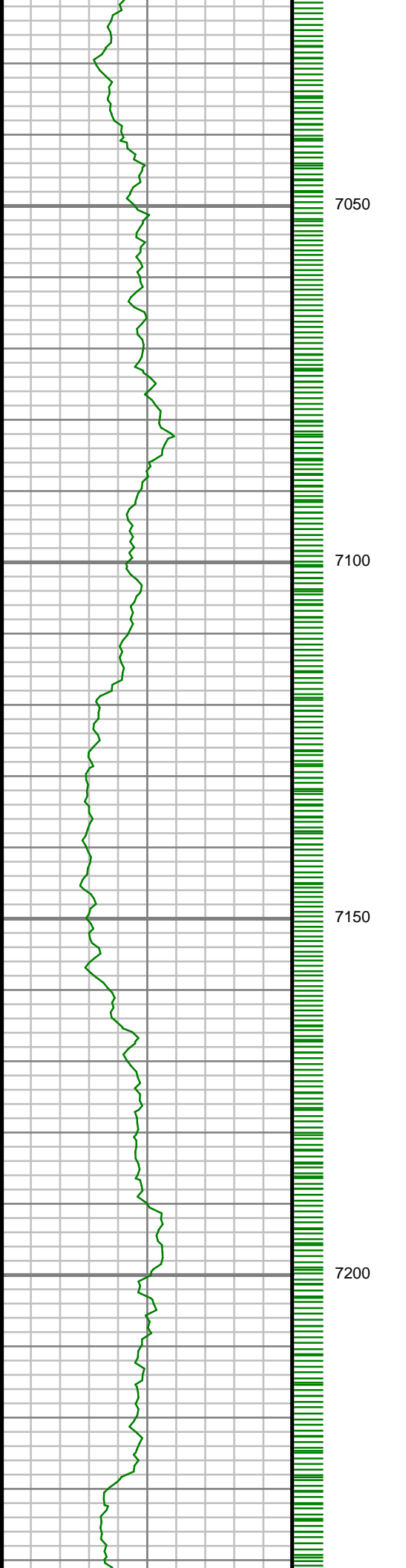
S: 65 MD: 6674.00 ft
Inc: 87.99 deg Az:
268.21 deg TVD:
6297.28 ft

S: 66 MD: 6768.00 ft
Inc: 89.56 deg Az:
269.88 deg TVD:
6299.29 ft



S: 67 MD: 6861.00 ft
Inc: 91.24 deg Az:
269.65 deg TVD:
6298.63 ft

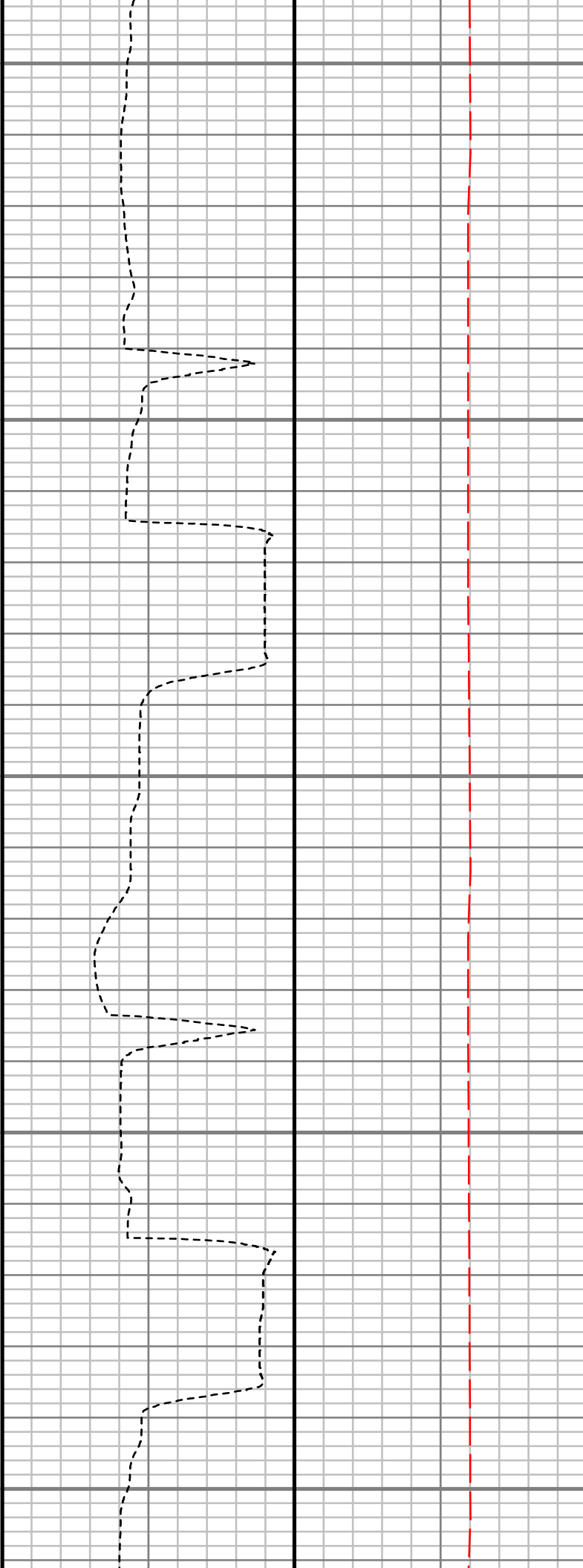
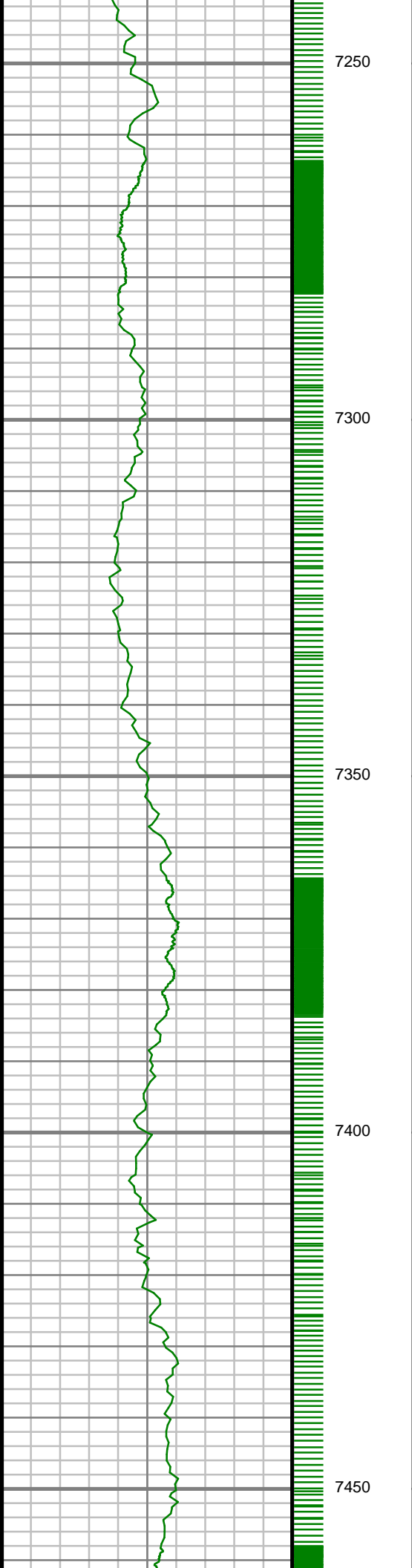
S: 68 MD: 6956.00 ft
Inc: 89.93 deg Az:
269.93 deg TVD:
6297.66 ft



S: 69 MD: 7050.00 ft
Inc: 89.40 deg Az:
271.31 deg TVD:
6298.21 ft

S: 70 MD: 7143.00 ft
Inc: 90.64 deg Az:
273.49 deg TVD:
6298.18 ft

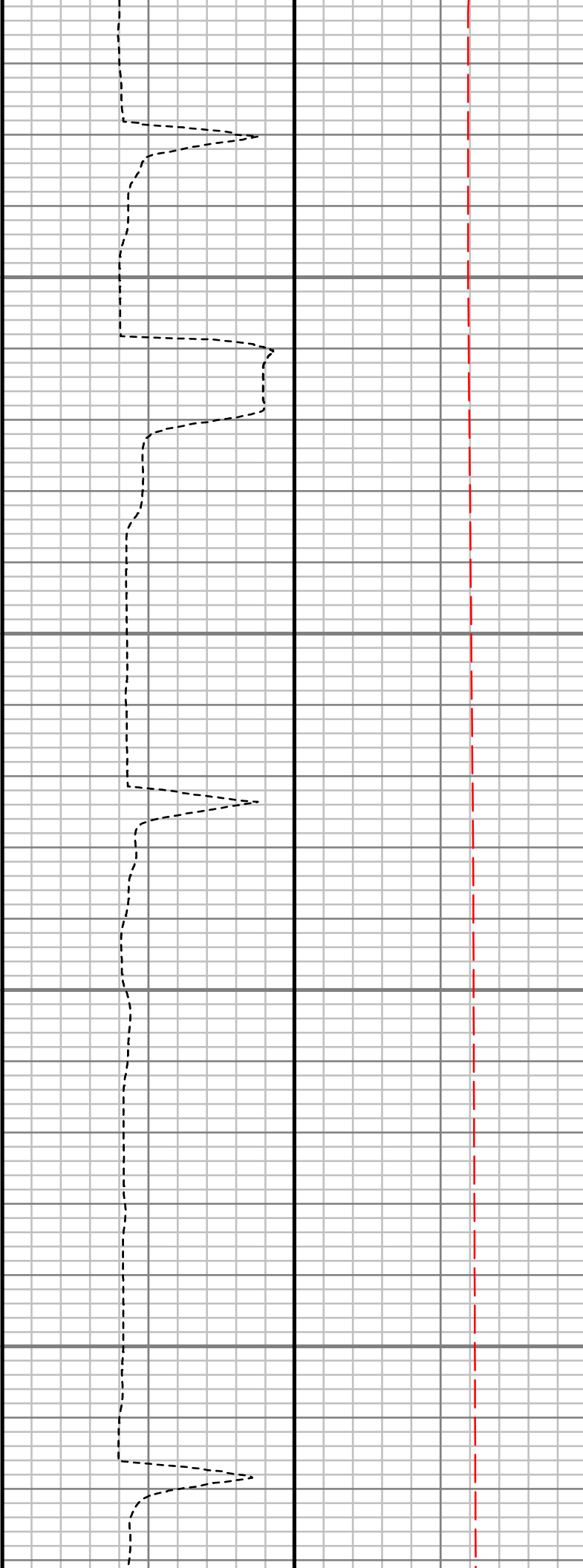
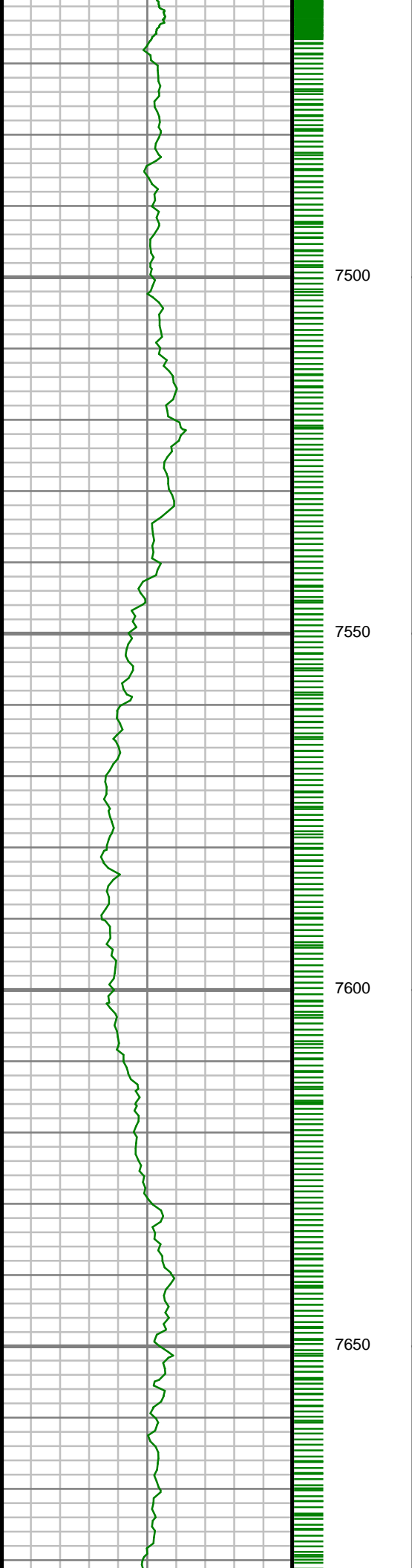
S: 71 MD: 7237.00 ft
Inc: 91.51 deg Az:



273.74 deg TVD:
6296.42 ft

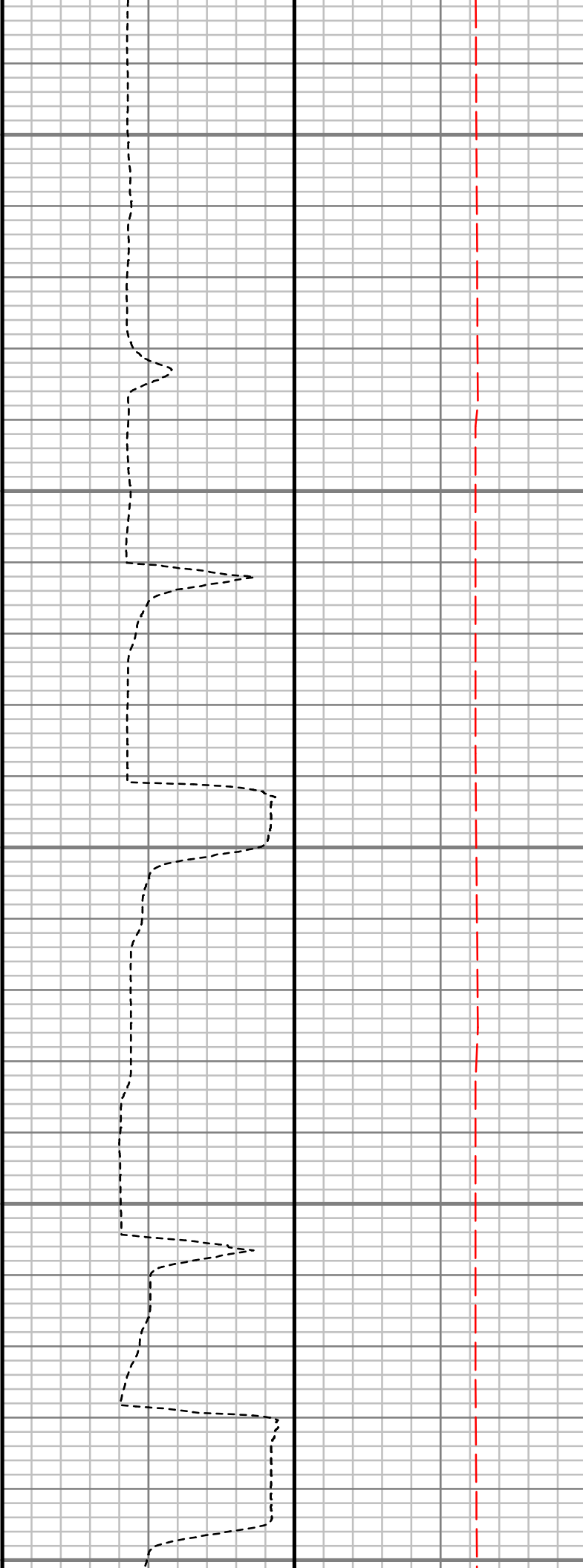
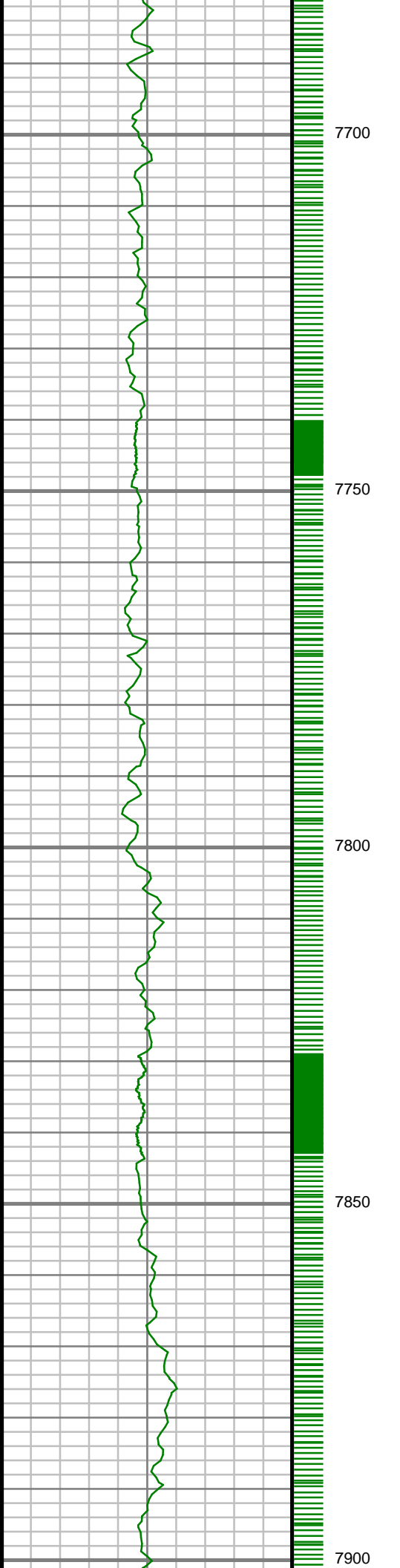
S: 72 MD: 7331.00 ft
Inc: 90.34 deg Az:
272.03 deg TVD:
6294.91 ft

S: 73 MD: 7425.00 ft
Inc: 88.49 deg Az:
268.63 deg TVD:
6295.87 ft



S: 74 MD: 7518.00 ft
Inc: 91.04 deg Az:
271.32 deg TVD:
6296.25 ft

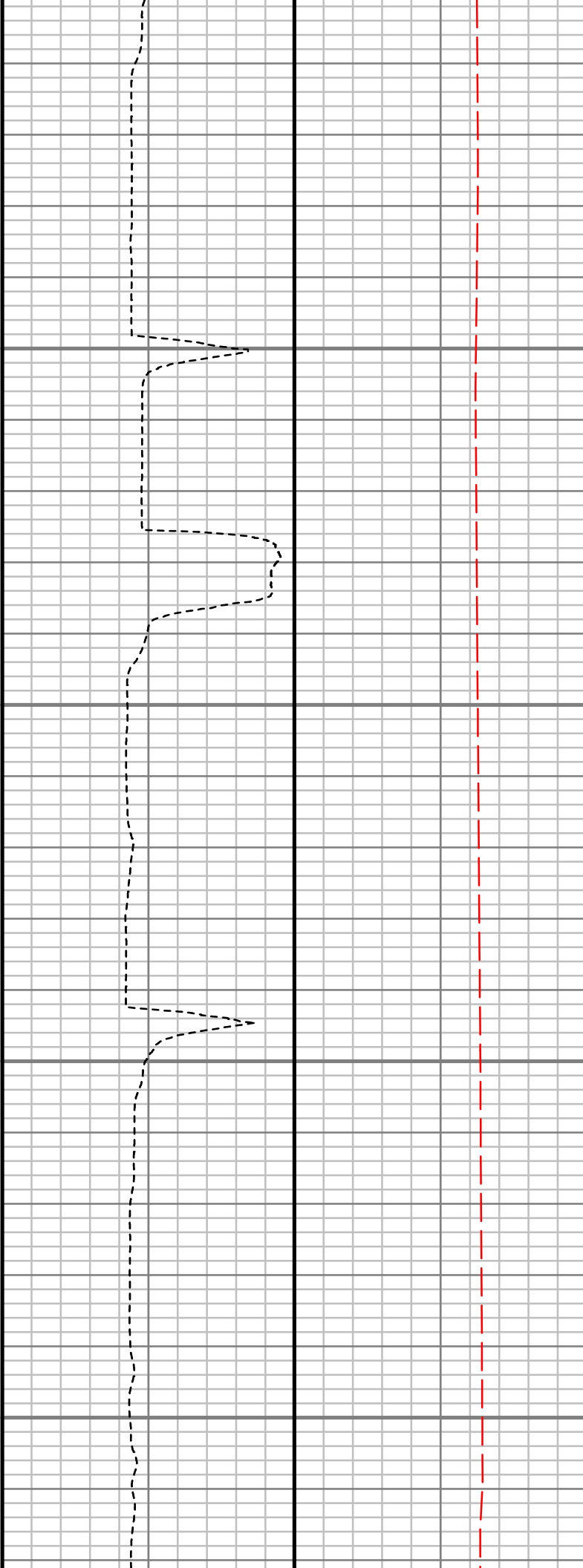
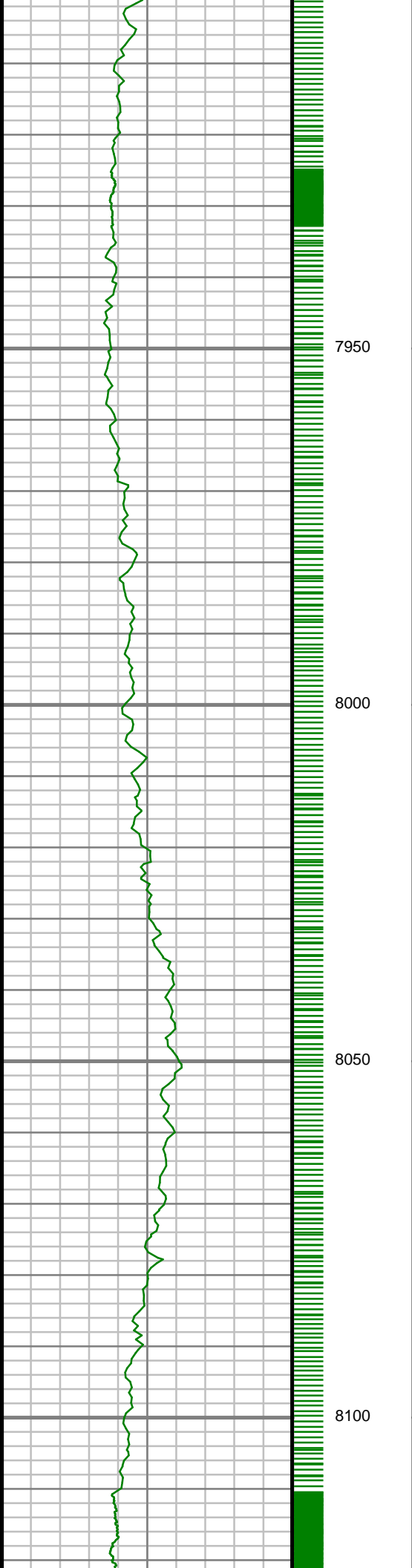
S: 75 MD: 7612.00 ft
Inc: 90.74 deg Az:
269.49 deg TVD:
6294.79 ft



S: 76 MD: 7706.00 ft
Inc: 90.84 deg Az:
269.81 deg TVD:
6293.50 ft

S: 77 MD: 7801.00 ft
Inc: 88.09 deg Az:
267.54 deg TVD:
6294.39 ft

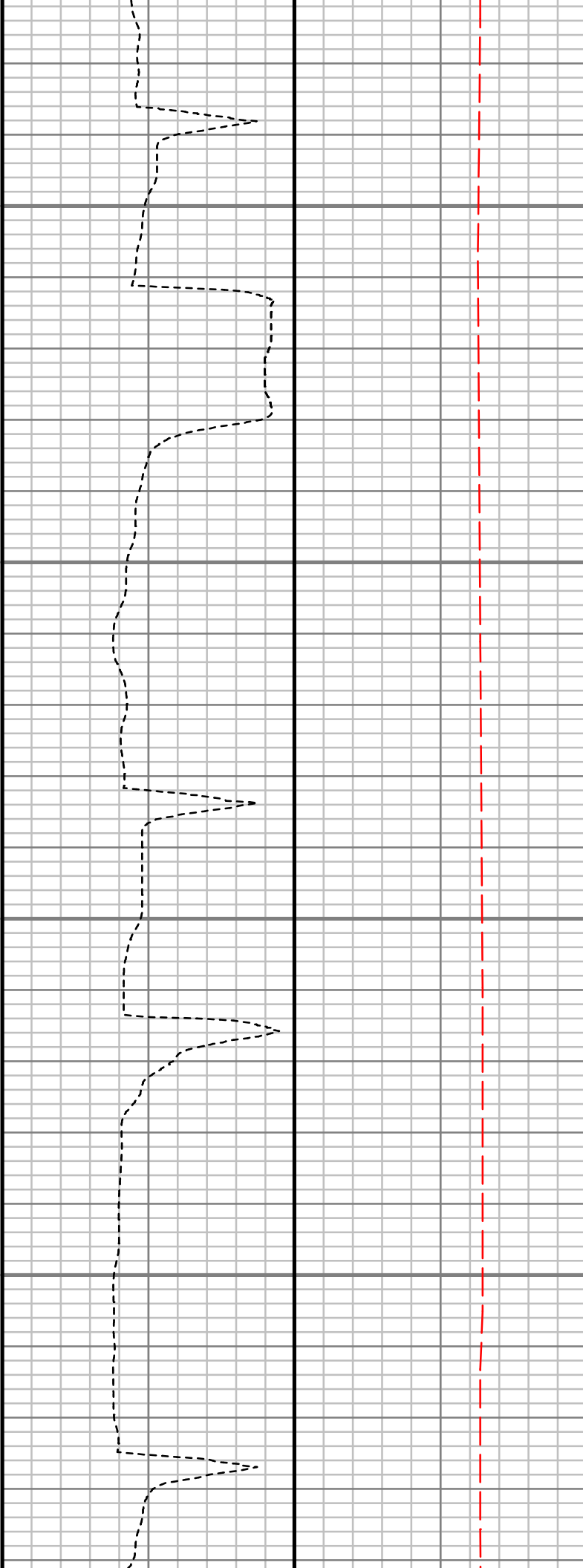
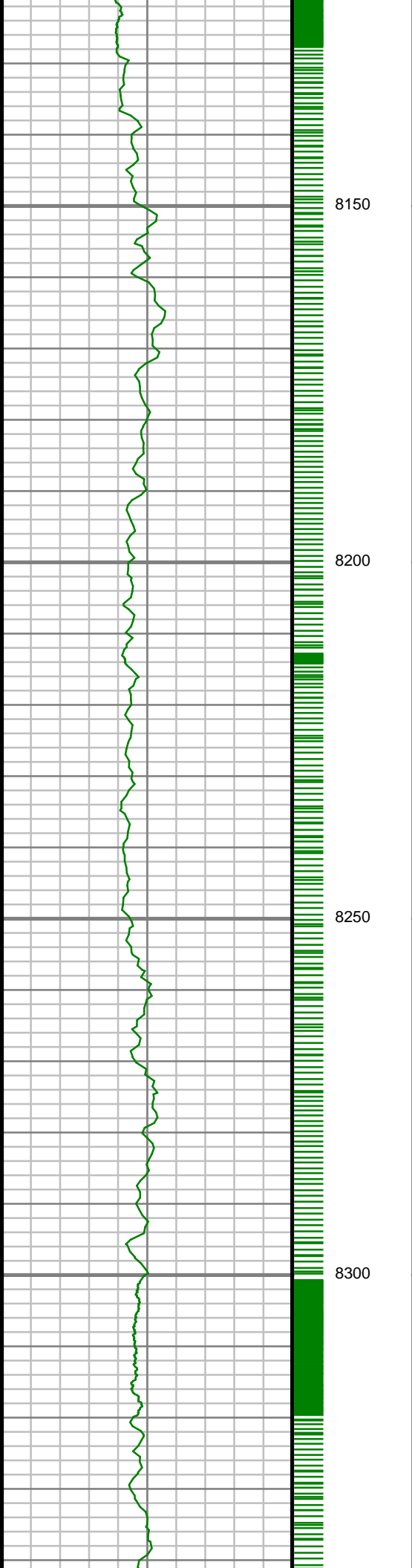
S: 78 MD: 7894.00 ft
Inc: 88.02 deg Az:
268.48 deg TVD:



6297.55 ft

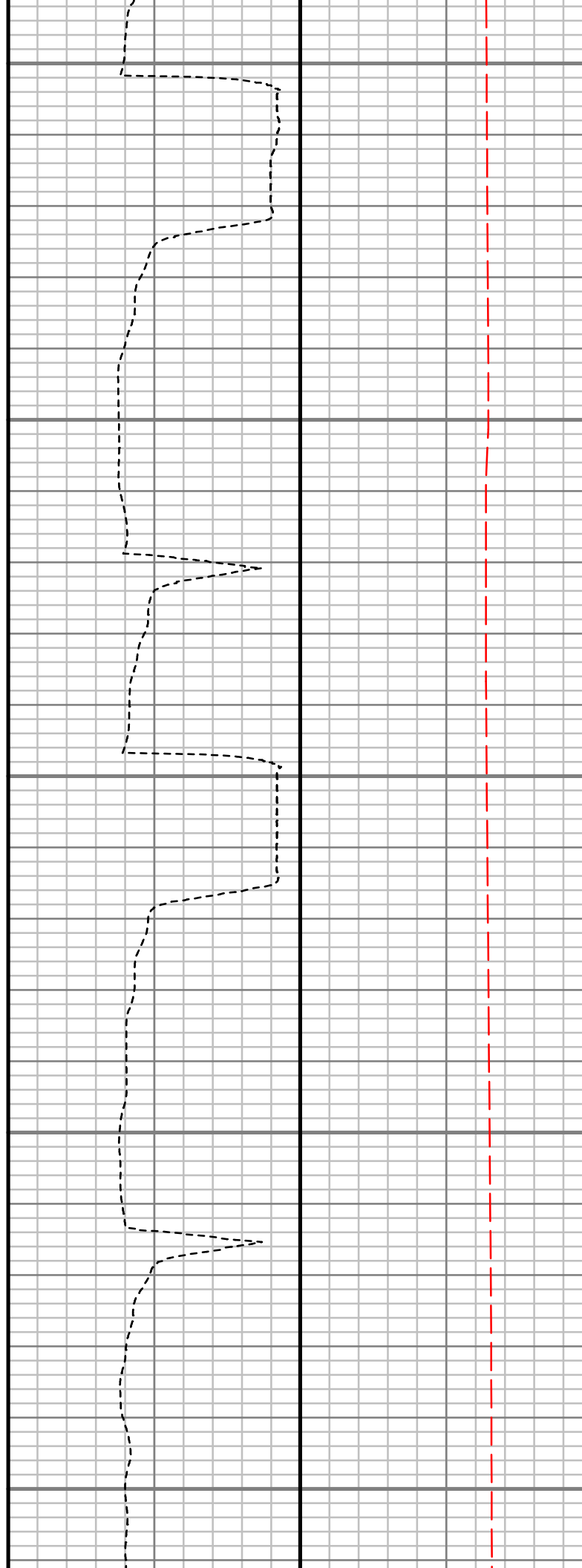
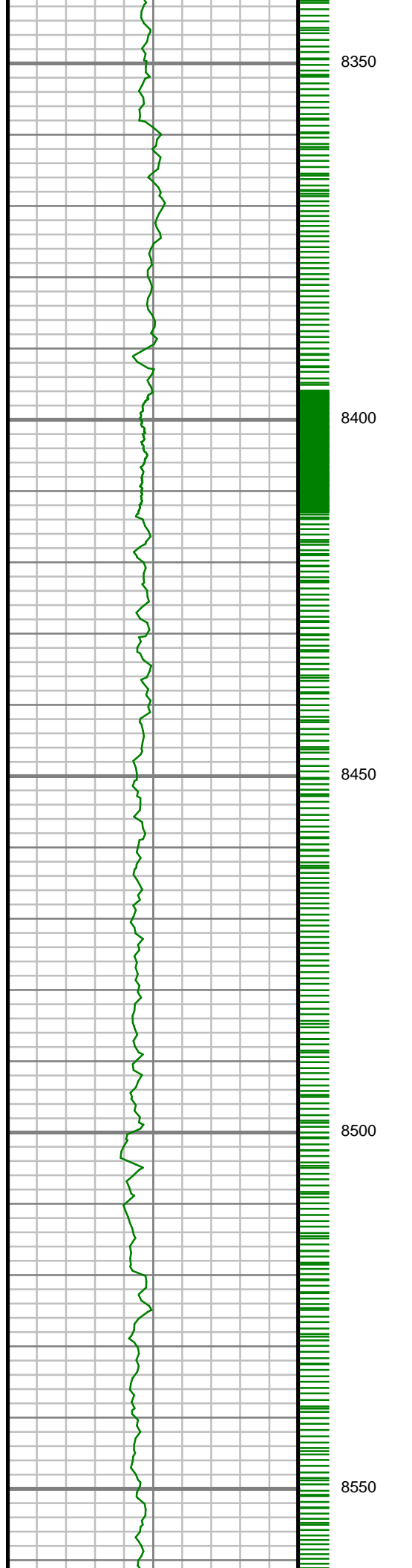
S: 79 MD: 7988.00 ft
Inc: 89.40 deg Az:
269.26 deg TVD:
6299.67 ft

S: 80 MD: 8082.00 ft
Inc: 88.52 deg Az:
268.74 deg TVD:
6301.37 ft



S: 81 MD: 8177.00 ft
Inc: 88.69 deg Az:
269.17 deg TVD:
6303.68 ft

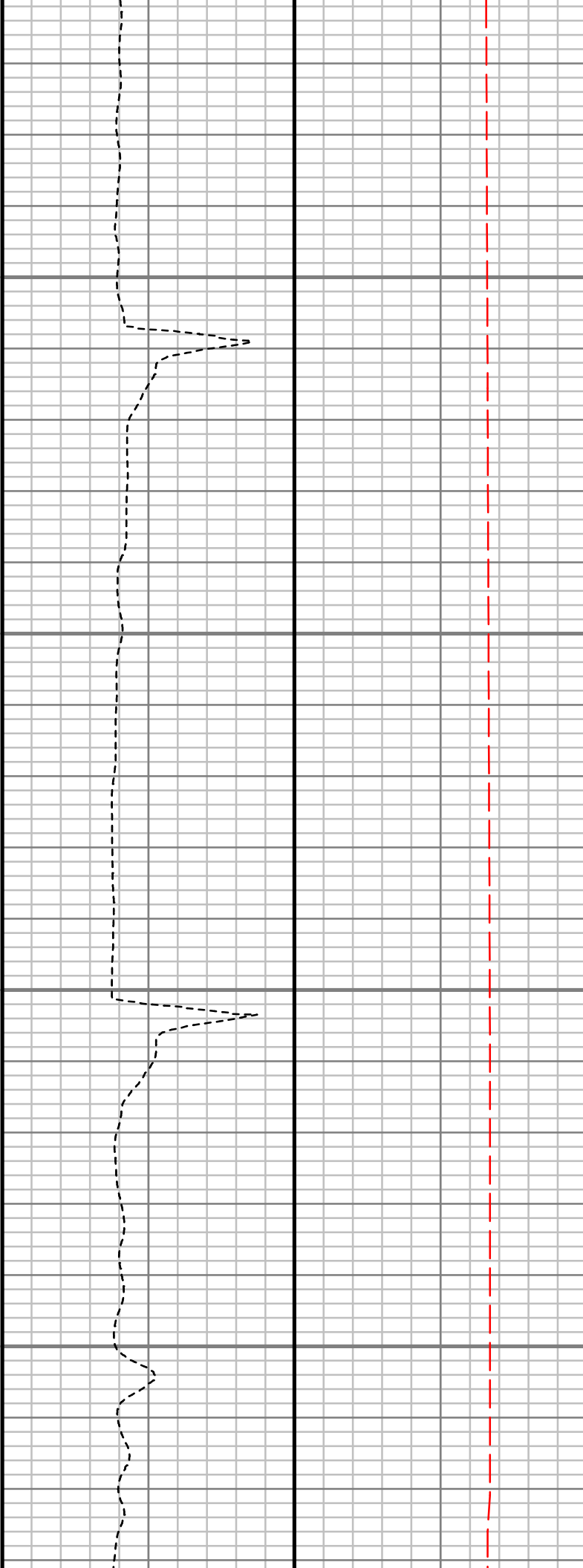
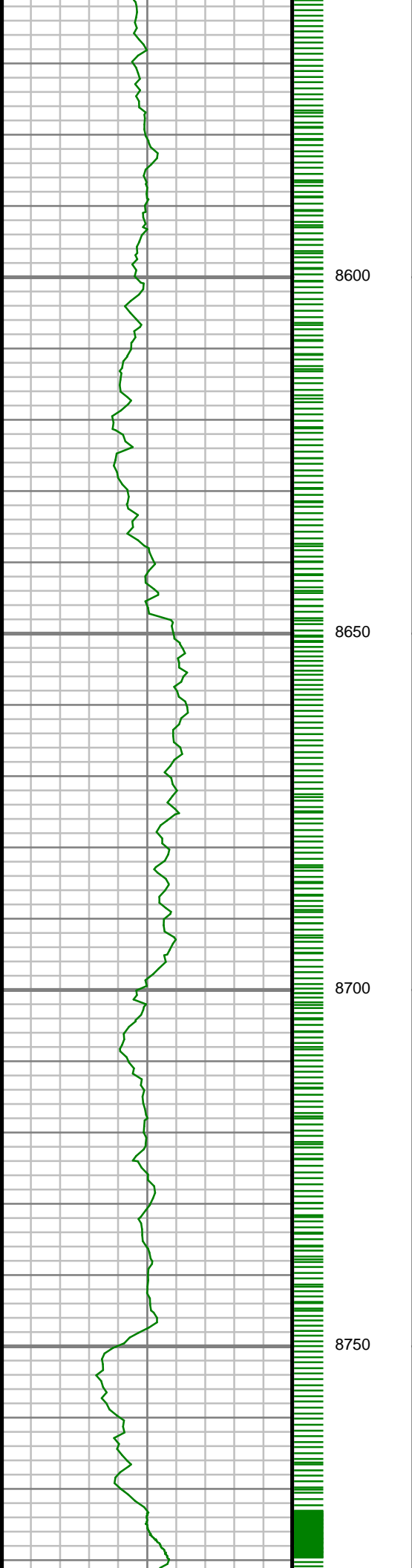
S: 82 MD: 8271.00 ft
Inc: 90.20 deg Az:
269.80 deg TVD:
6304.59 ft



S: 83 MD: 8364.00 ft
Inc: 88.32 deg Az:
267.85 deg TVD:
6305.79 ft

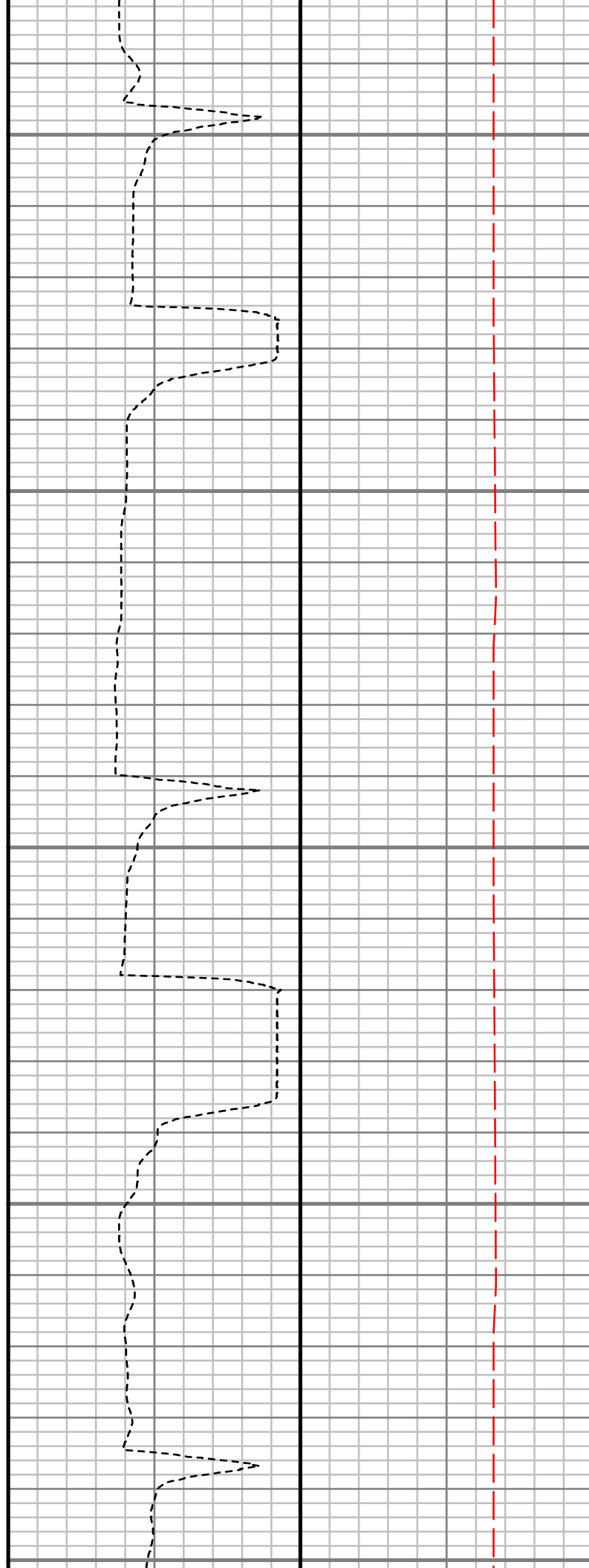
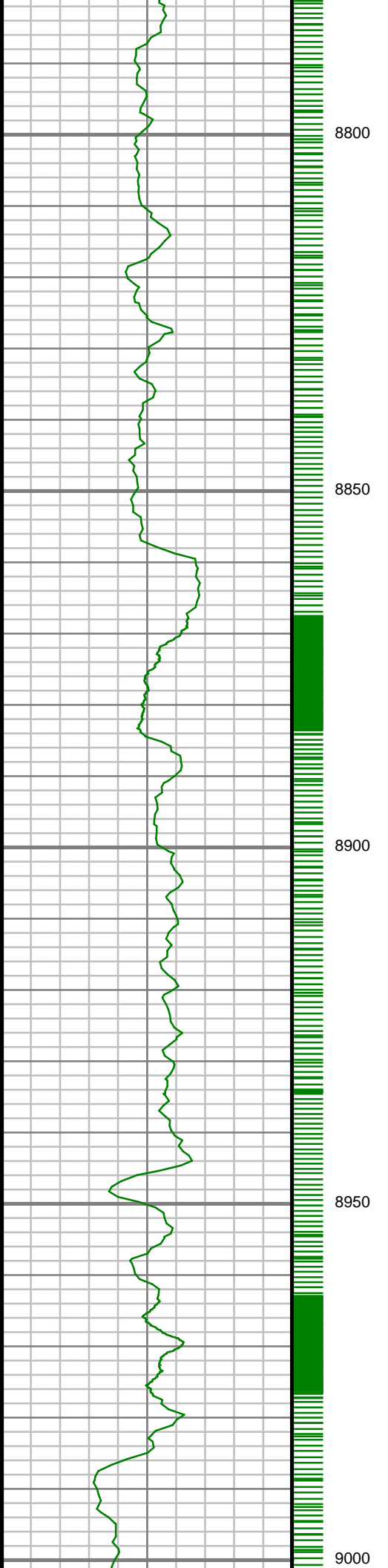
S: 84 MD: 8459.00 ft
Inc: 88.69 deg Az:
271.32 deg TVD:
6308.26 ft

S: 85 MD: 8552.00 ft
Inc: 89.13 deg Az:
272.32 deg TVD:
6310.03 ft



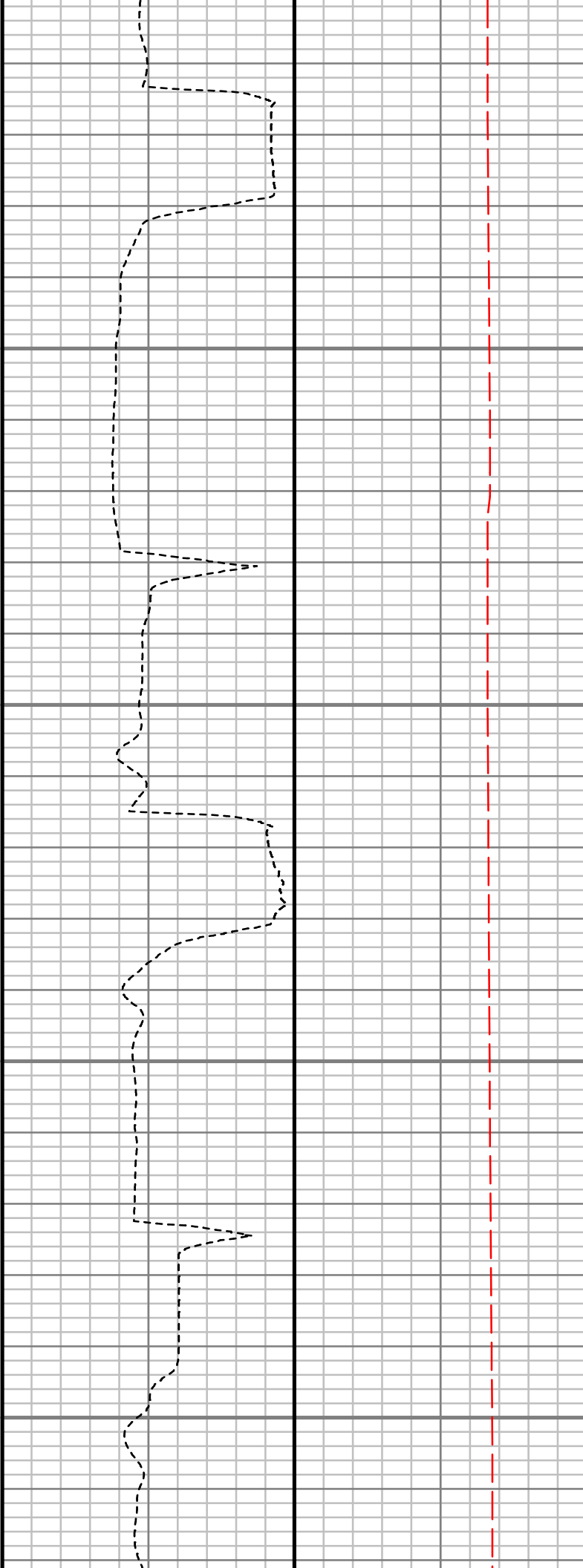
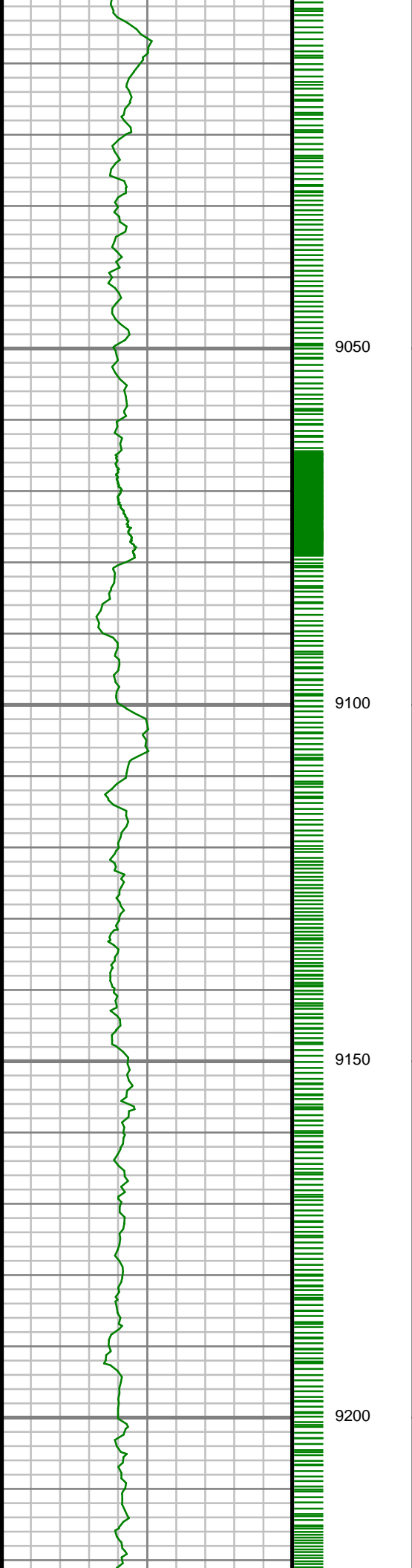
S: 86 MD: 8647.00 ft
Inc: 89.36 deg Az:
272.62 deg TVD:
6311.28 ft

S: 87 MD: 8741.00 ft
Inc: 88.12 deg Az:
270.17 deg TVD:
6313.35 ft



S: 88 MD: 8835.00 ft
Inc: 90.30 deg Az:
270.80 deg TVD:
6314.64 ft

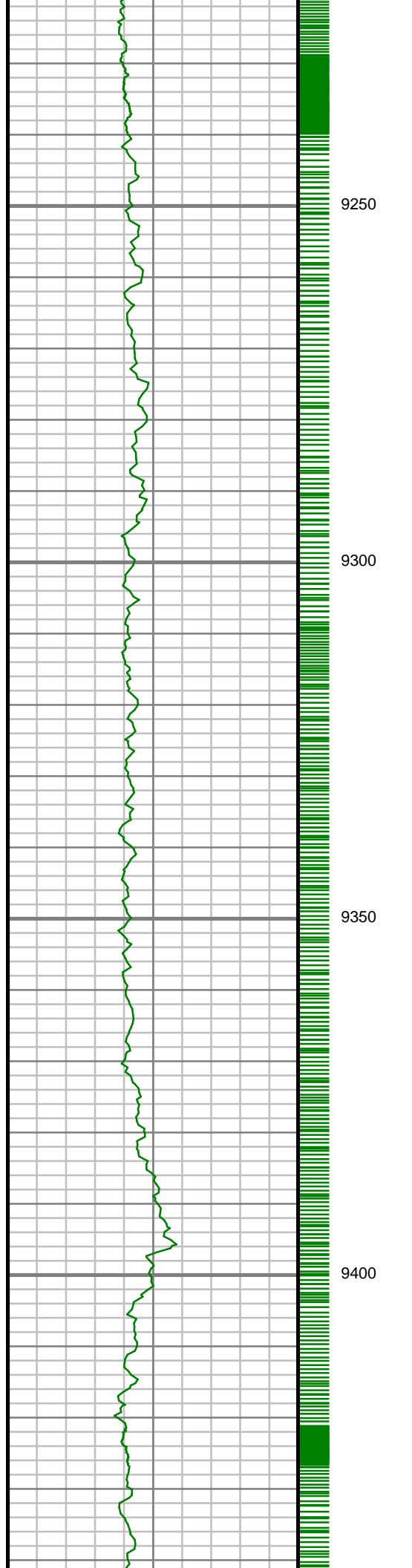
S: 89 MD: 8930.00 ft
Inc: 89.53 deg Az:
271.31 deg TVD:
6314.78 ft



S: 90 MD: 9024.00 ft
Inc: 90.30 deg Az:
272.75 deg TVD:
6314.92 ft

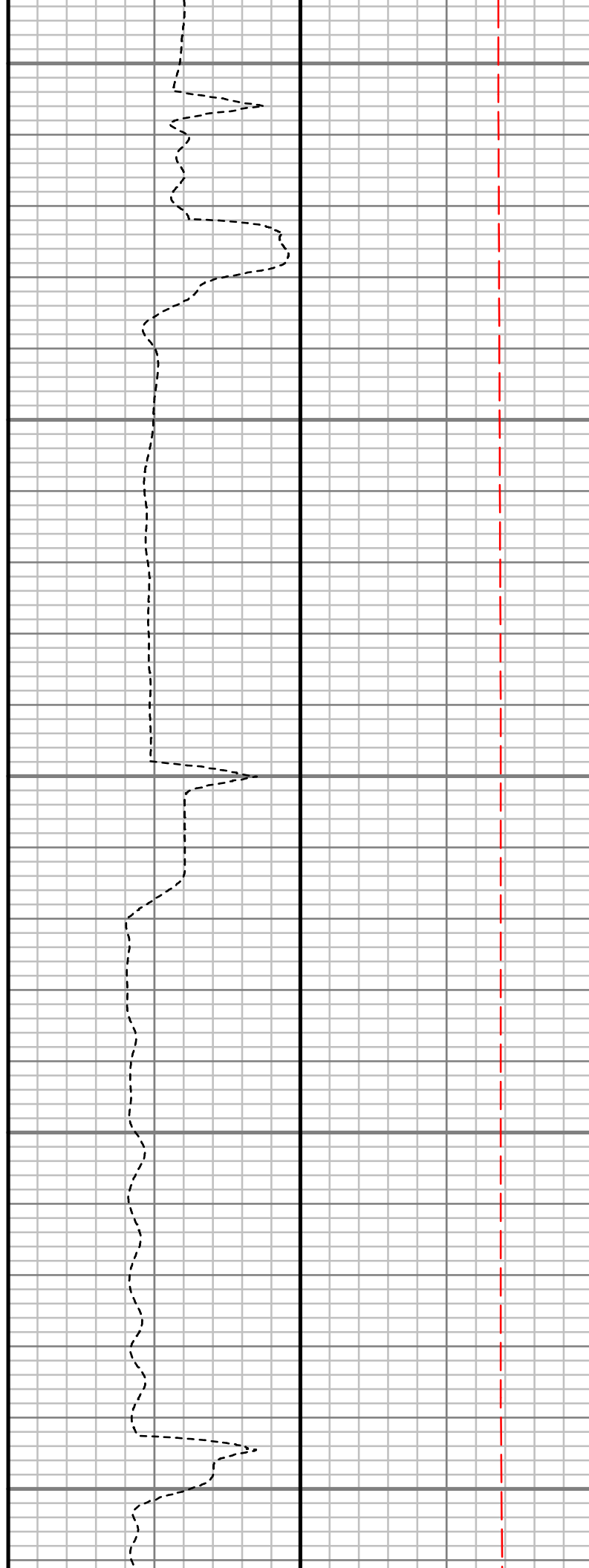
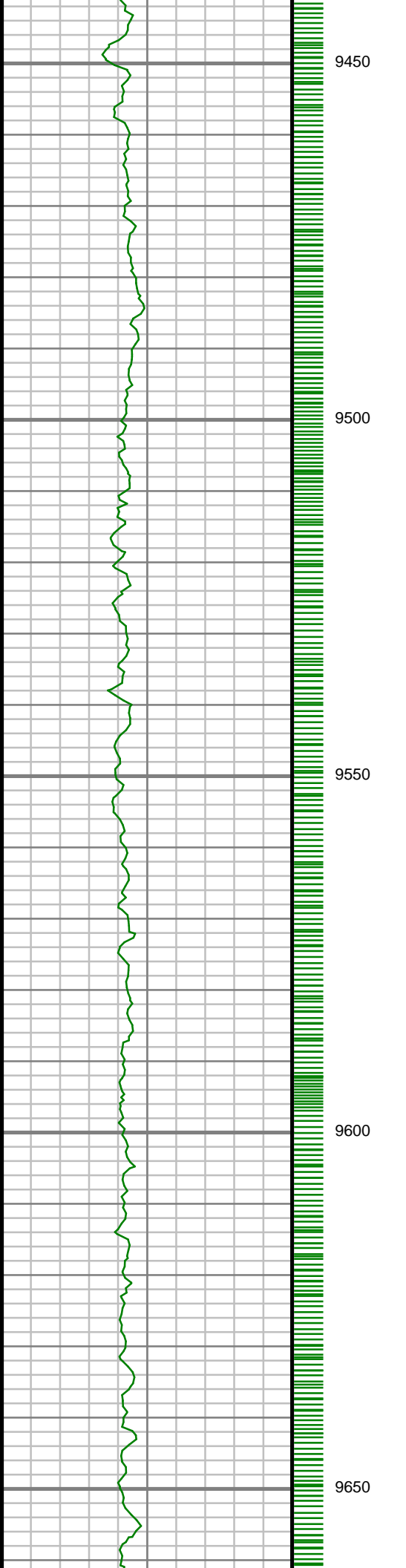
S: 91 MD: 9118.00 ft
Inc: 89.56 deg Az:
271.43 deg TVD:
6315.03 ft

S: 92 MD: 9211.00 ft
Inc: 87.62 deg Az:
269.51 deg TVD:
6317.32 ft



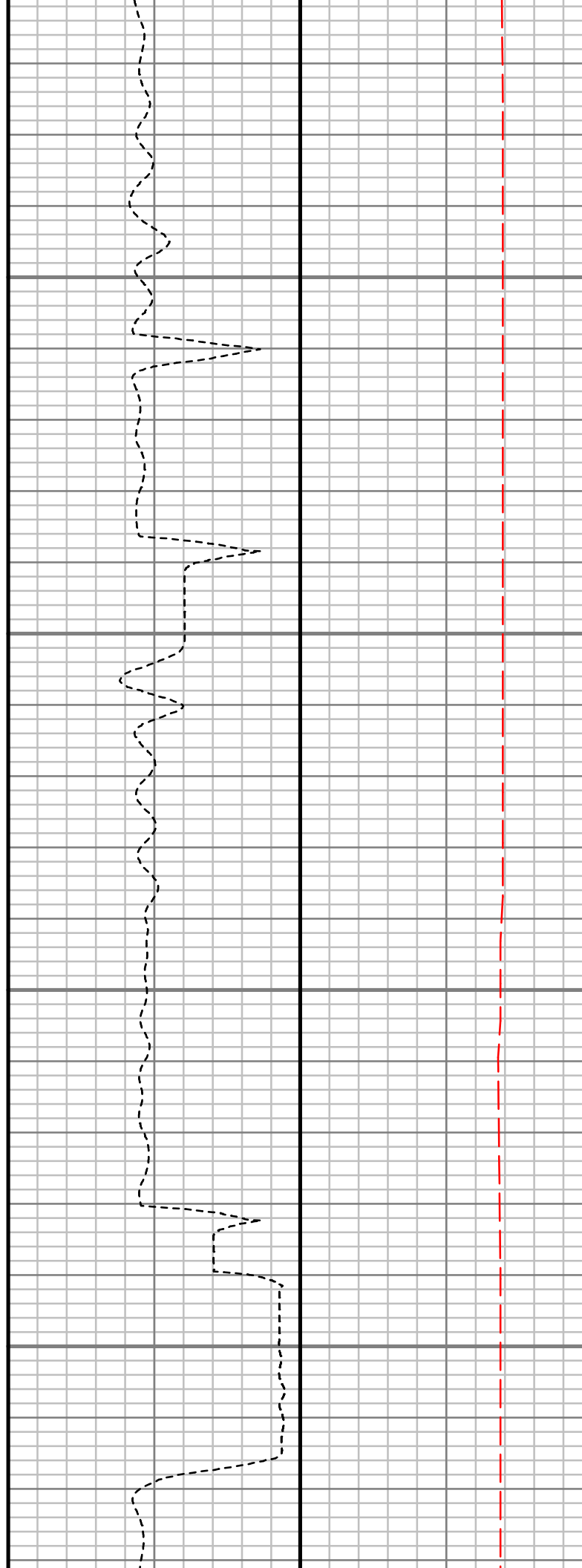
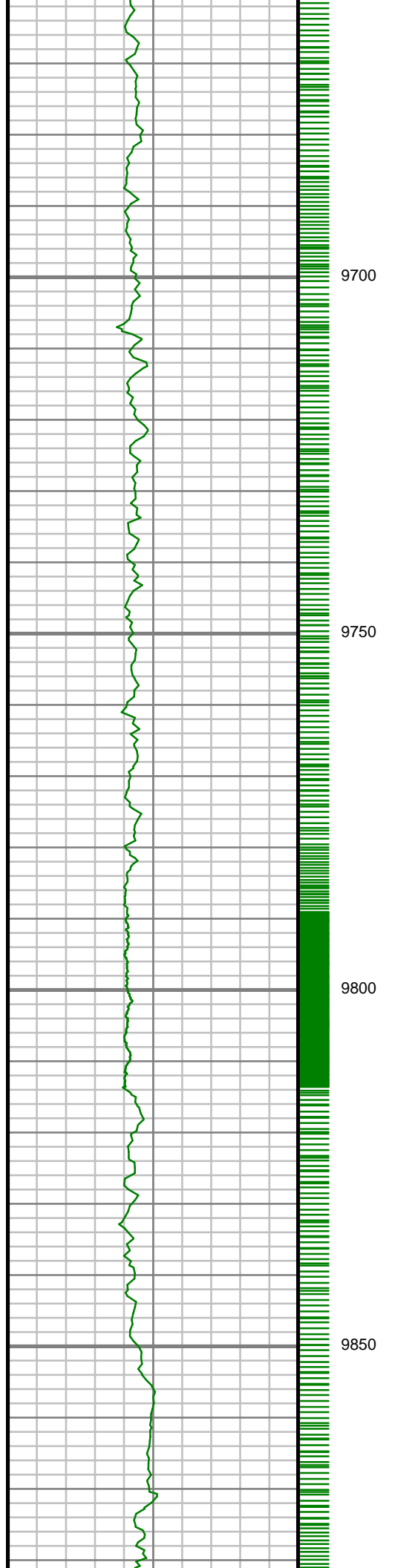
S: 93 MD: 9305.00 ft
Inc: 89.06 deg Az:
270.64 deg TVD:
6320.04 ft

S: 94 MD: 9400.00 ft
Inc: 87.65 deg Az:
267.72 deg TVD:
6322.77 ft



S: 95 MD: 9494.00 ft
Inc: 88.99 deg Az:
269.10 deg TVD:
6325.52 ft

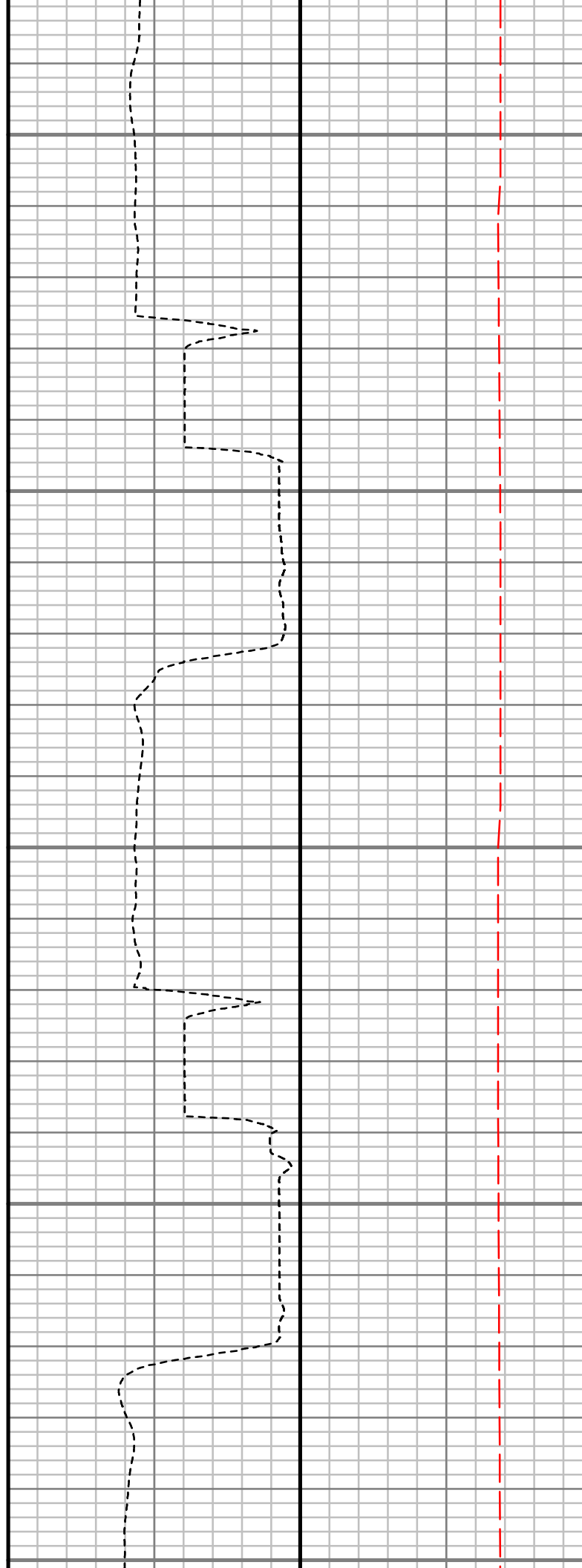
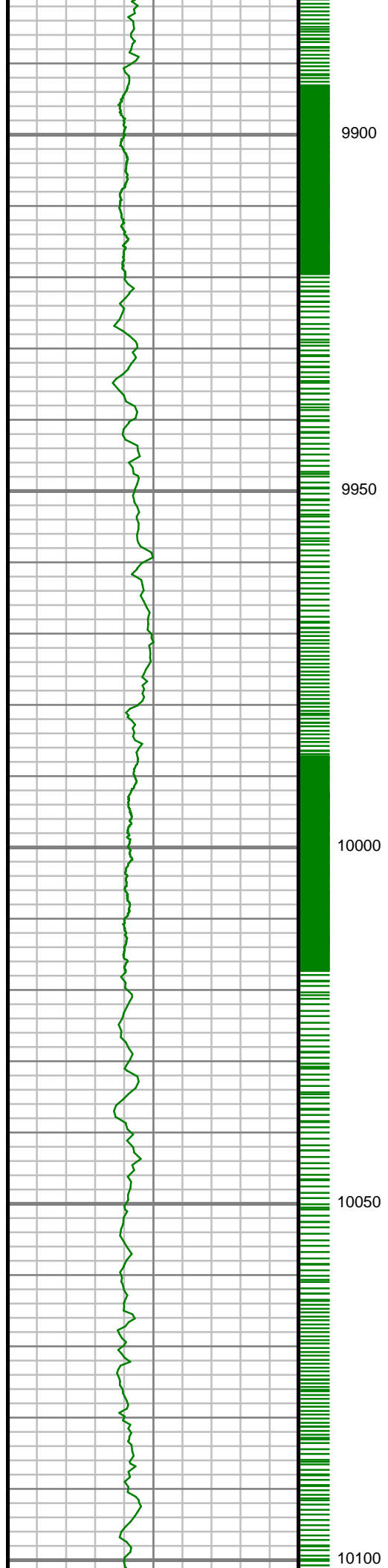
S: 96 MD: 9588.00 ft
Inc: 89.23 deg Az:
269.79 deg TVD:
6326.98 ft



S: 97 MD: 9682.00 ft
Inc: 89.43 deg Az:
267.20 deg TVD:
6328.08 ft

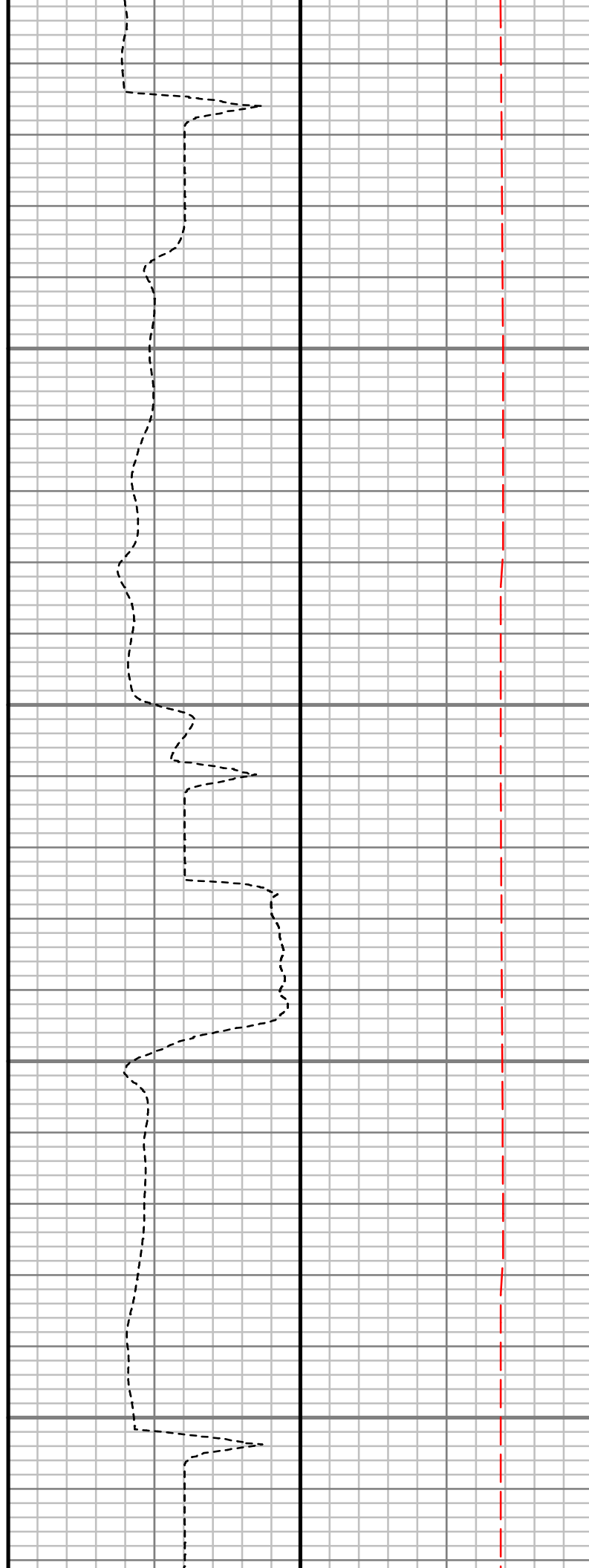
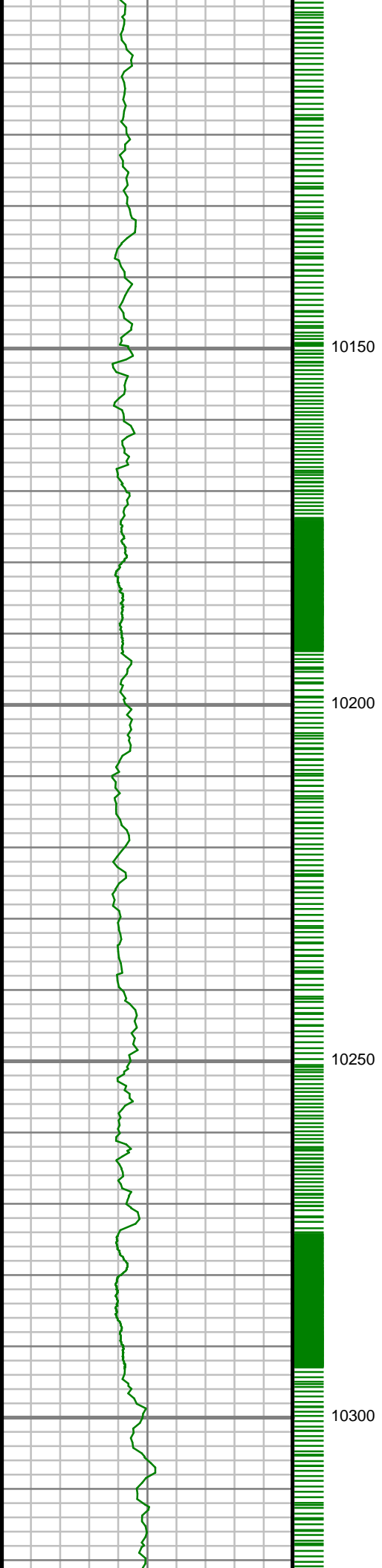
S: 98 MD: 9776.00 ft
Inc: 89.83 deg Az:
265.46 deg TVD:
6328.68 ft

S: 99 MD: 9871.00 ft
Inc: 89.73 deg Az:
264.94 deg TVD:
6329.04 ft



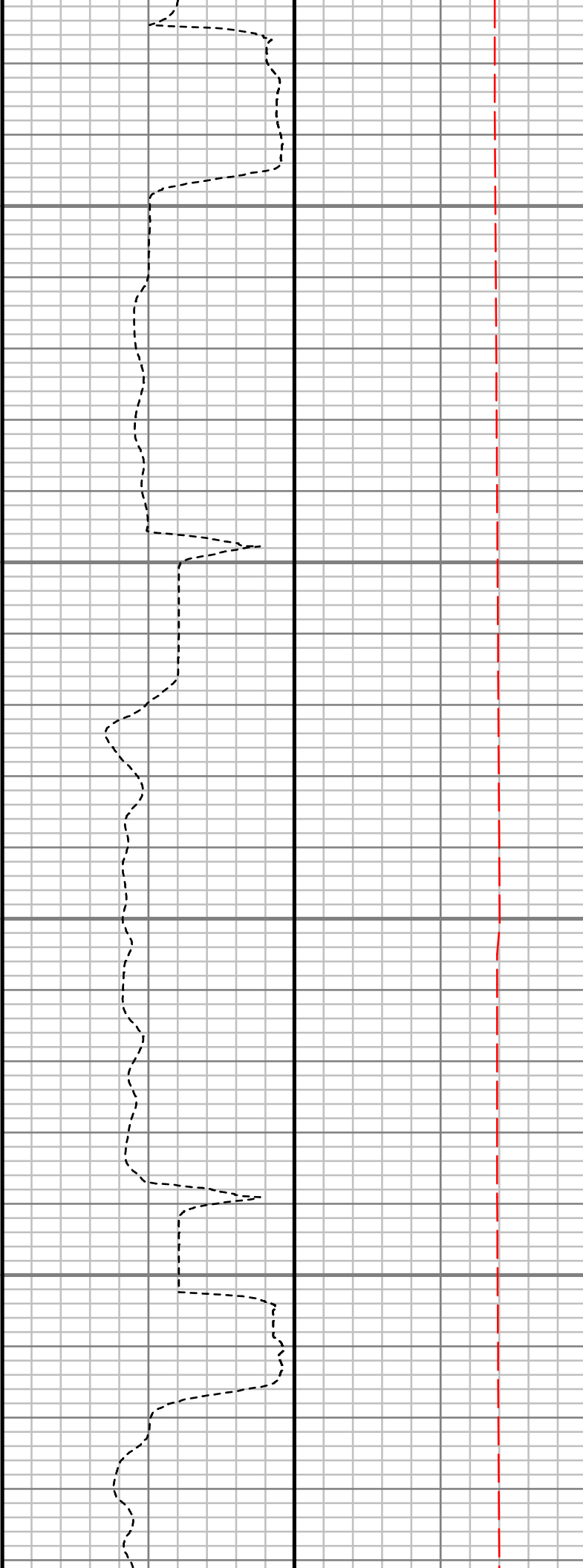
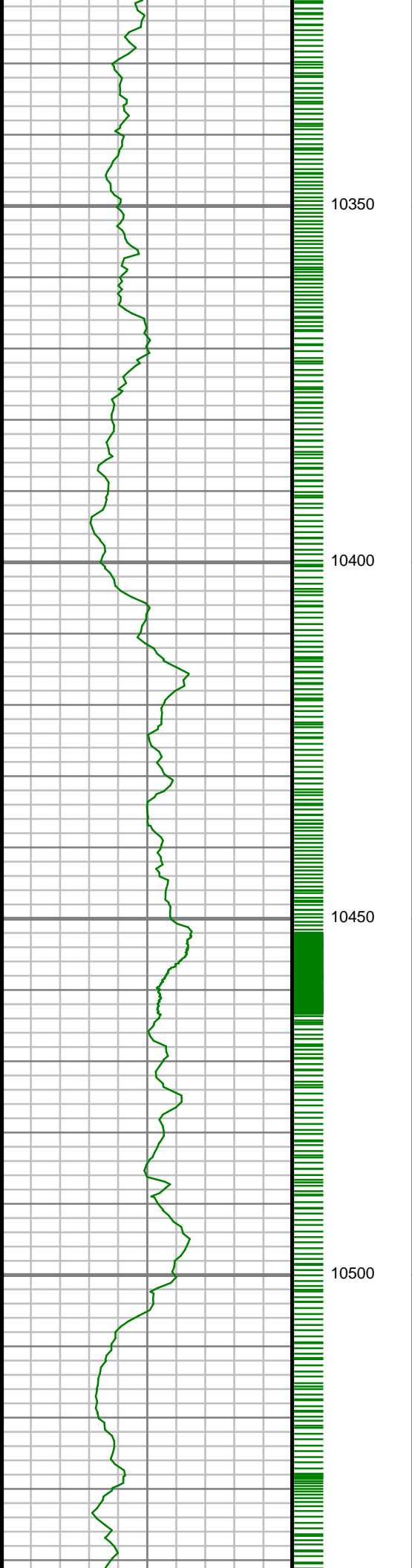
S: 100 MD: 9966.00 ft
Inc: 90.00 deg Az:
268.45 deg TVD:
6329.27 ft

S: 101 MD: 10060.00 ft
Inc: 89.56 deg Az:
269.72 deg TVD:
6329.62 ft



S: 102 MD: 10154.00 ft
Inc: 90.03 deg Az:
271.09 deg TVD:
6329.95 ft

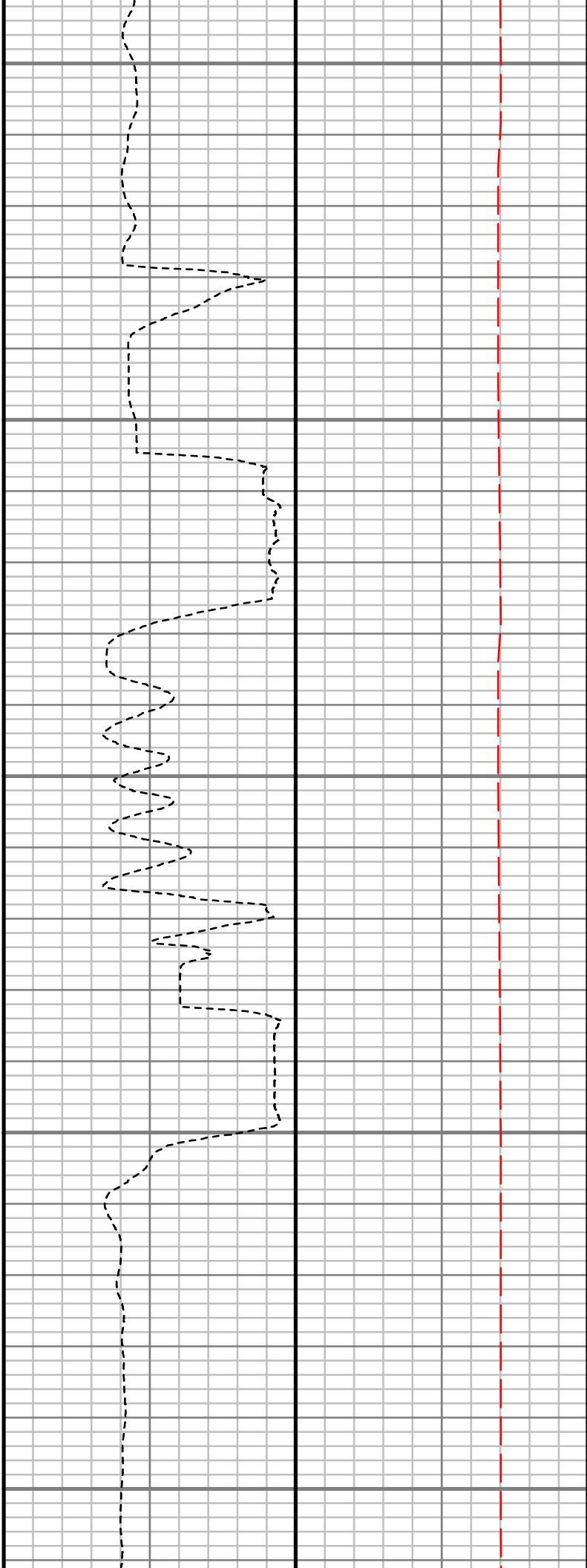
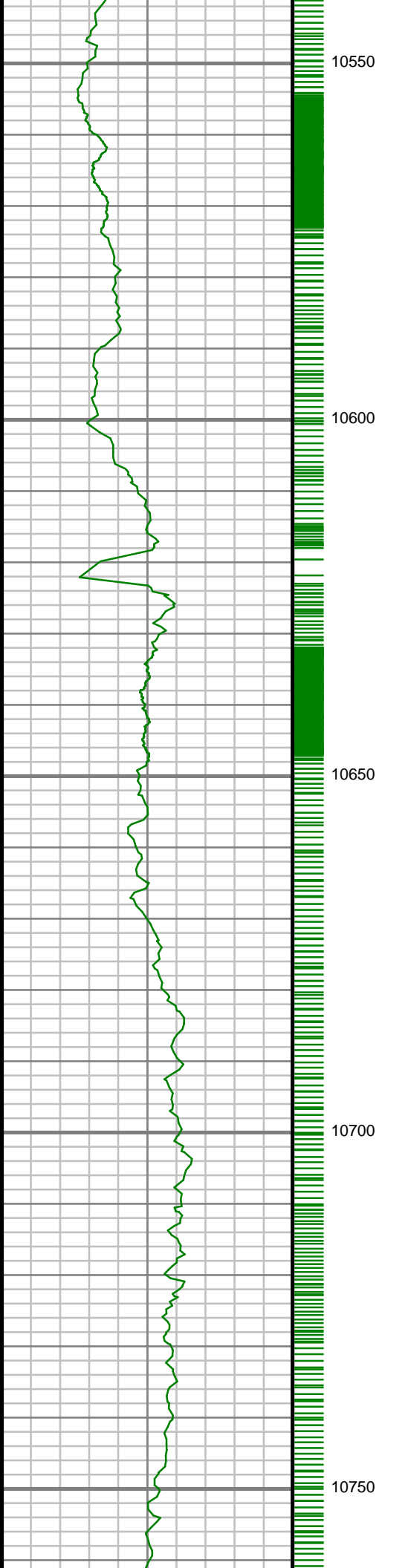
S: 103 MD: 10248.00 ft
Inc: 89.60 deg Az:
271.87 deg TVD:
6330.26 ft



S: 104 MD: 10342.00 ft
Inc: 87.92 deg Az:
272.09 deg TVD:
6332.29 ft

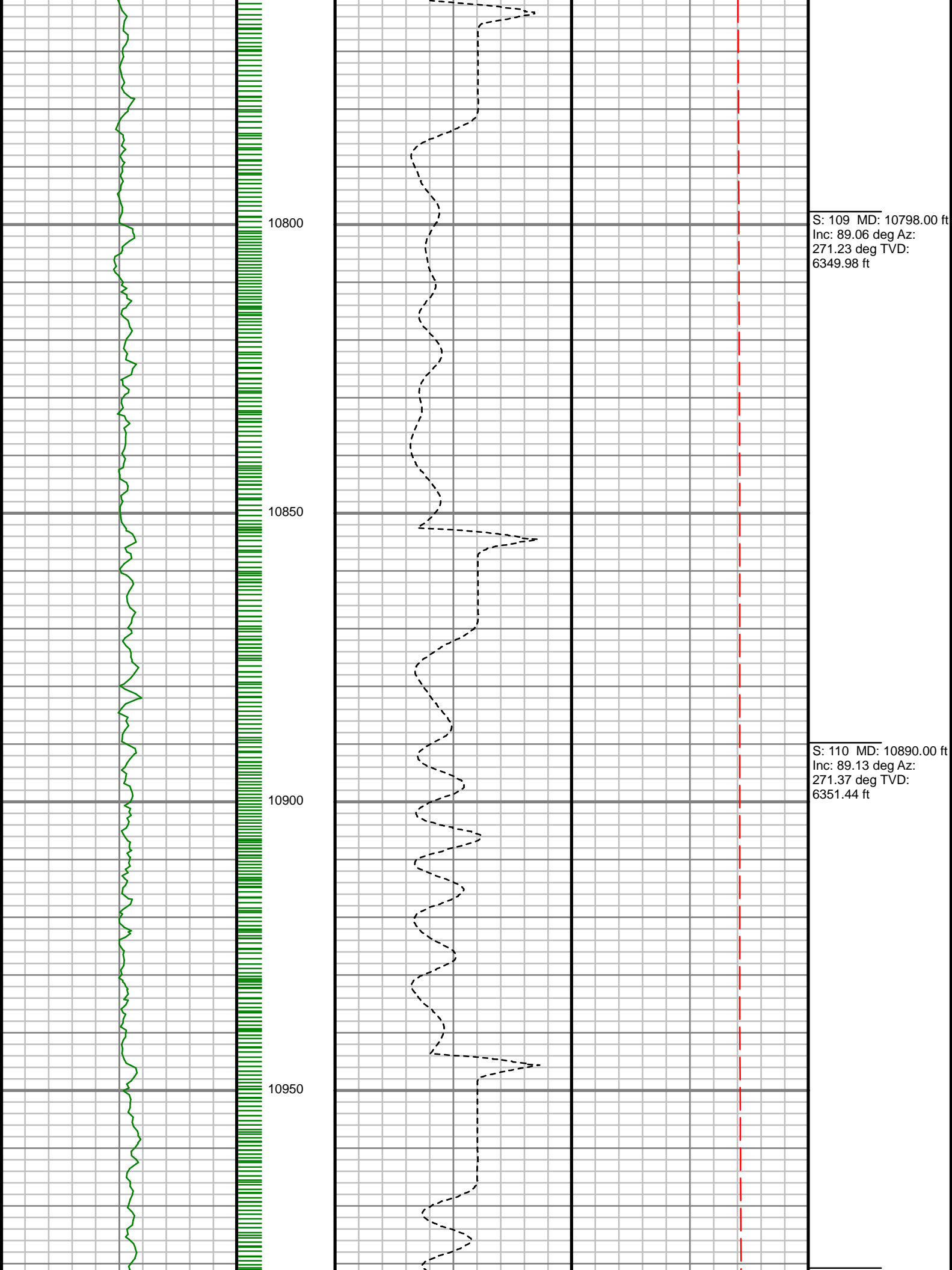
S: 105 MD: 10433.00 ft
Inc: 87.05 deg Az:
272.51 deg TVD:
6336.29 ft

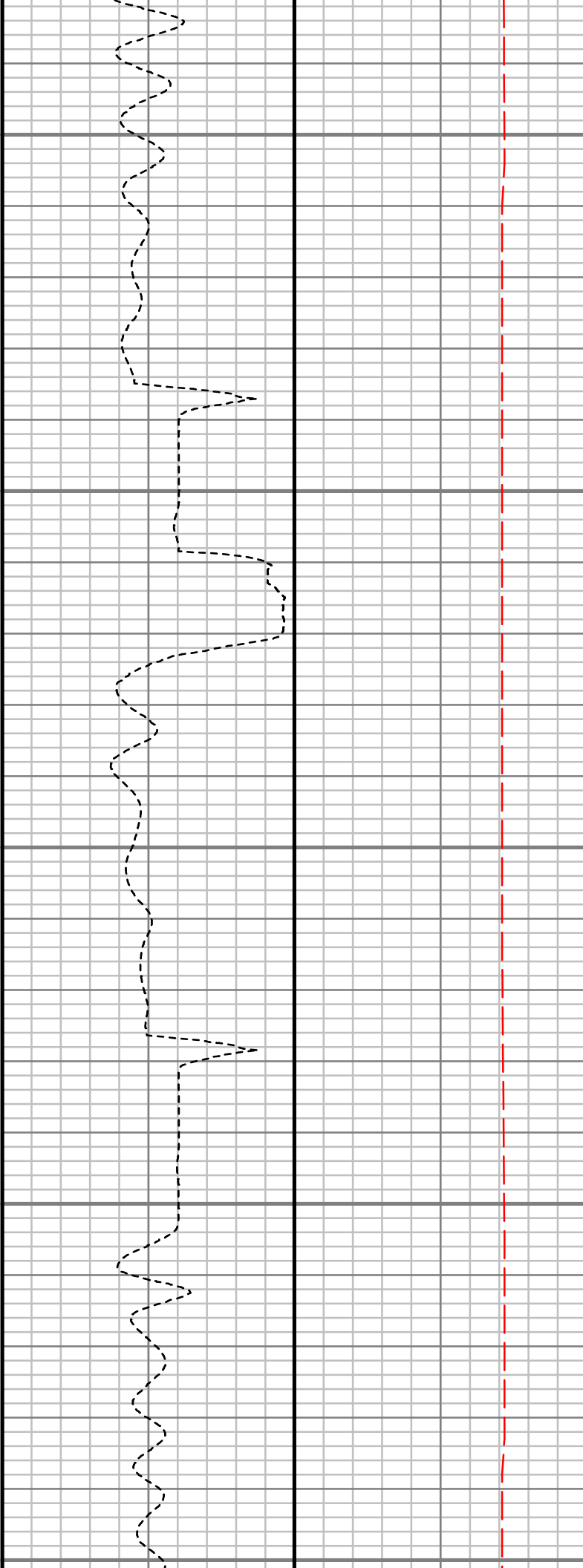
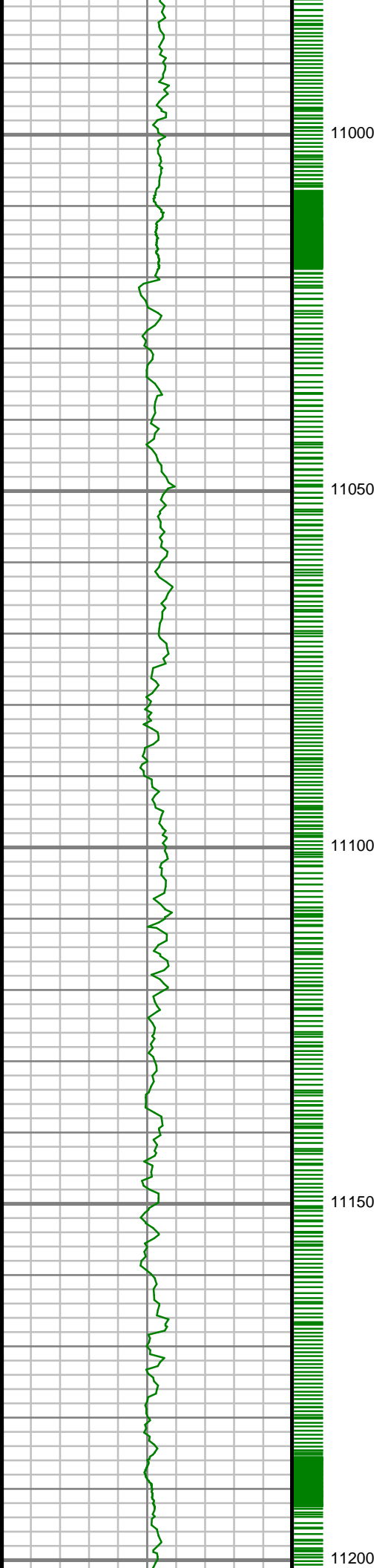
S: 106 MD: 10525.00 ft
Inc: 86.78 deg Az:
271.62 deg TVD:
6341.25 ft



S: 107 MD: 10616.00 ft
Inc: 87.32 deg Az:
271.83 deg TVD:
6345.93 ft

S: 108 MD: 10707.00 ft
Inc: 89.26 deg Az:
271.52 deg TVD:
6348.65 ft

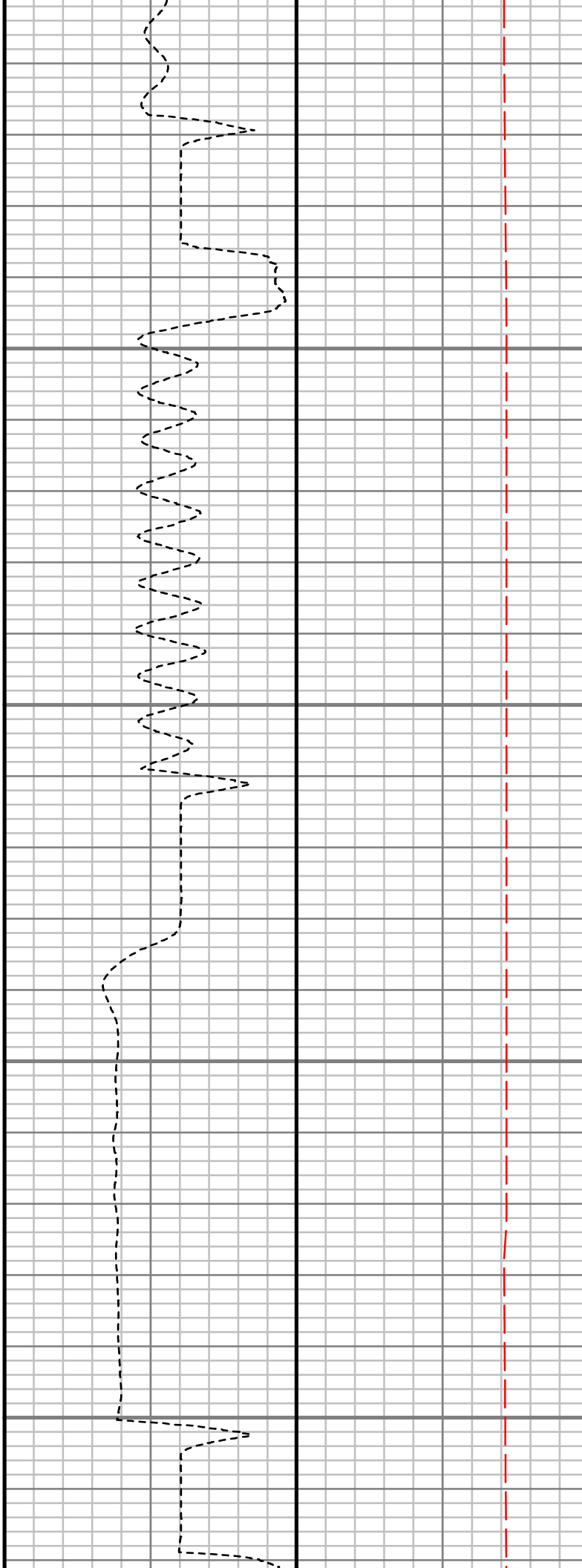
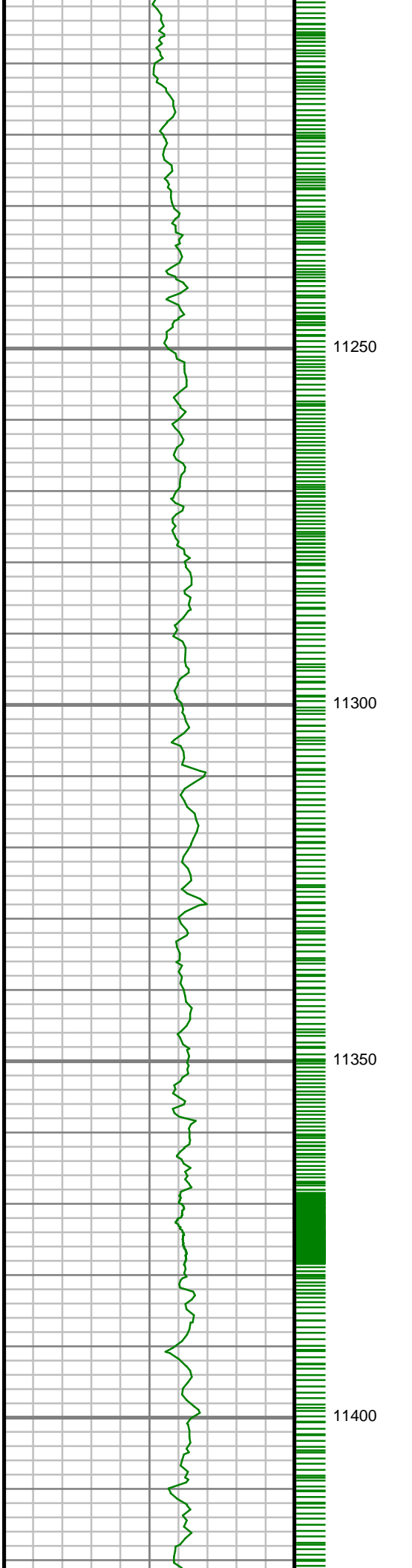




S: 111 MD: 10981.00 ft
Inc: 88.92 deg Az:
271.26 deg TVD:
6352.98 ft

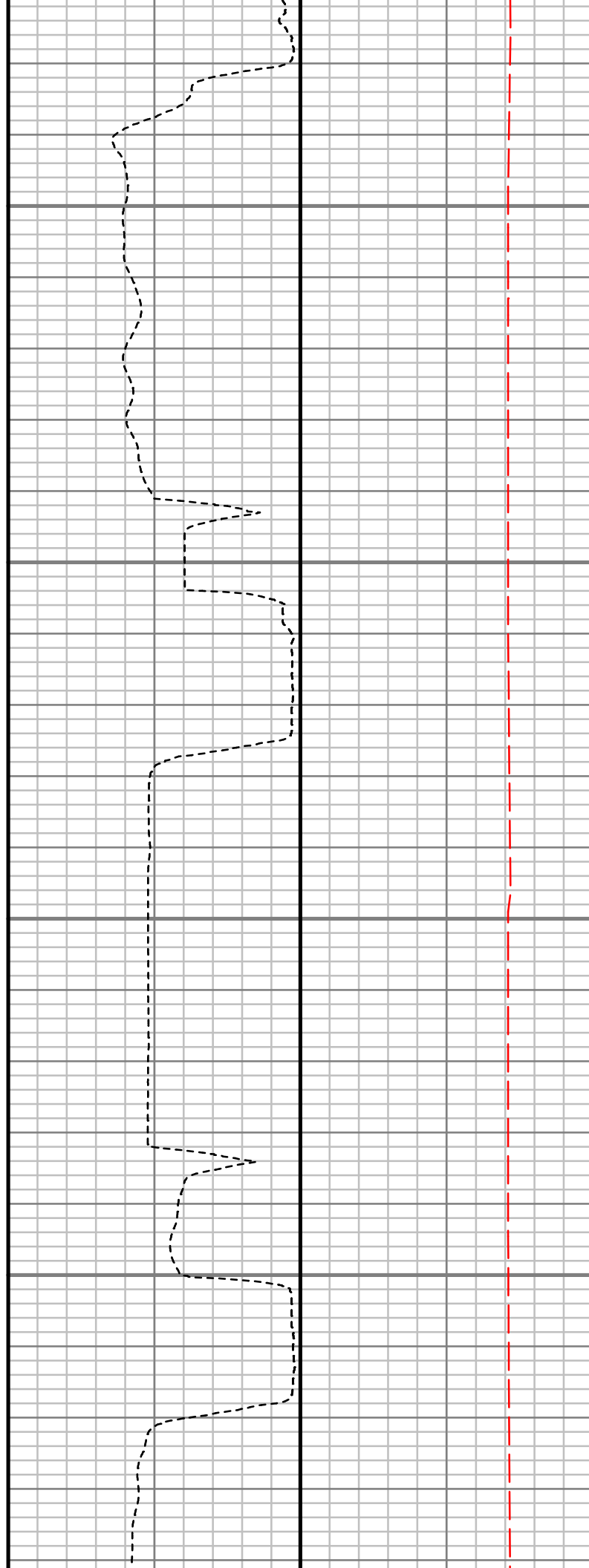
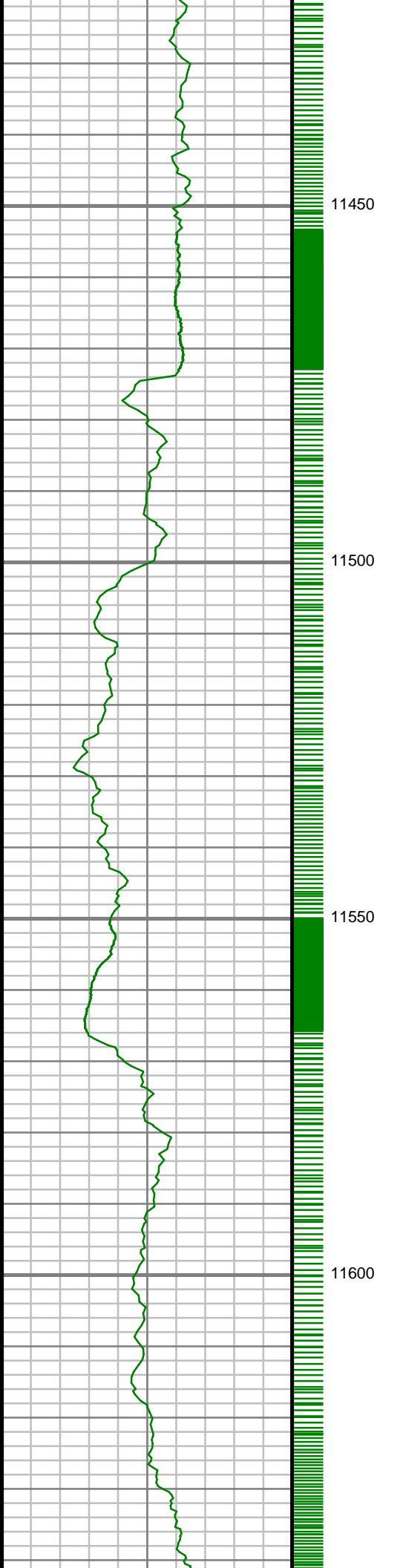
S: 112 MD: 11072.00 ft
Inc: 89.87 deg Az:
270.97 deg TVD:
6353.94 ft

S: 113 MD: 11162.00 ft
Inc: 89.97 deg Az:
270.22 deg TVD:
6354.08 ft



S: 114 MD: 11253.00 ft
Inc: 88.96 deg Az:
270.21 deg TVD:
6354.93 ft

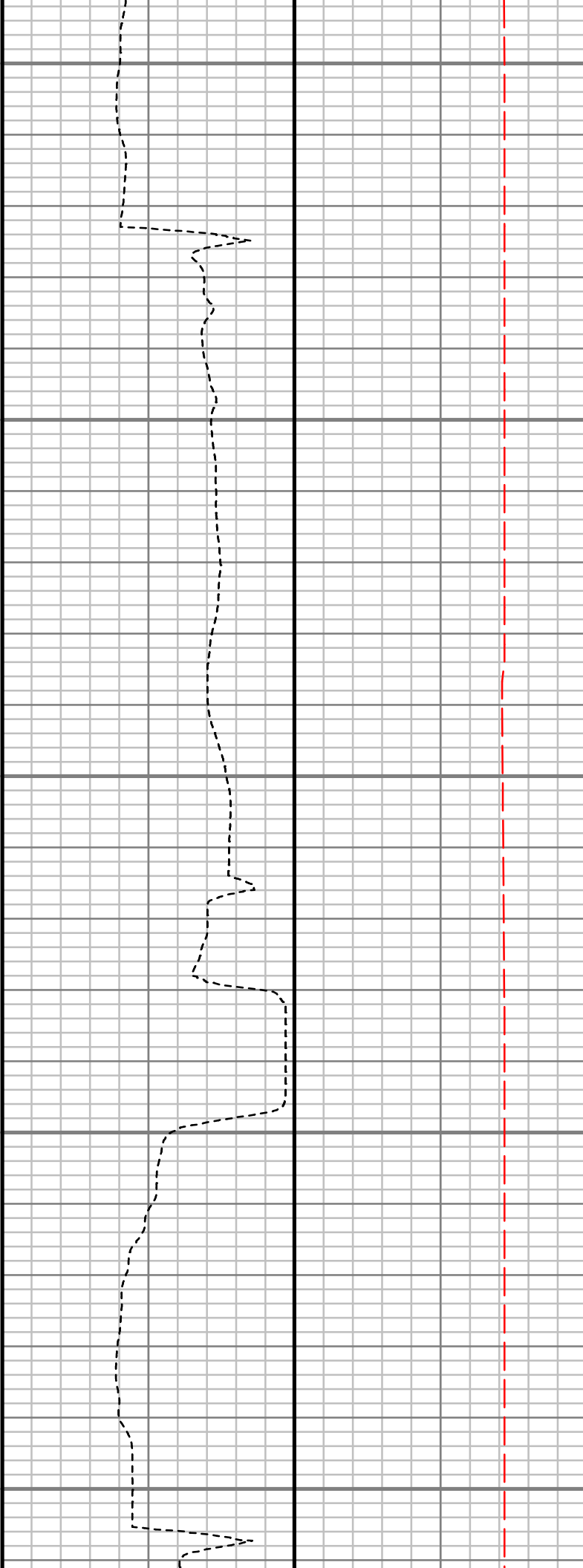
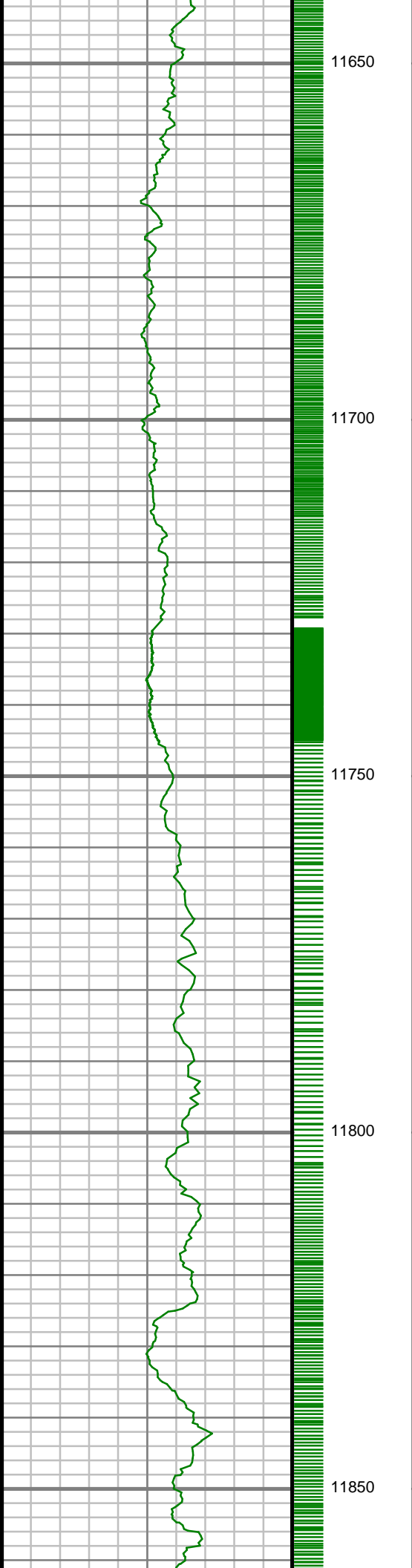
S: 115 MD: 11344.00 ft
Inc: 89.90 deg Az:
272.08 deg TVD:
6355.83 ft



S: 116 MD: 11435.00 ft
Inc: 89.87 deg Az:
273.33 deg TVD:
6356.02 ft

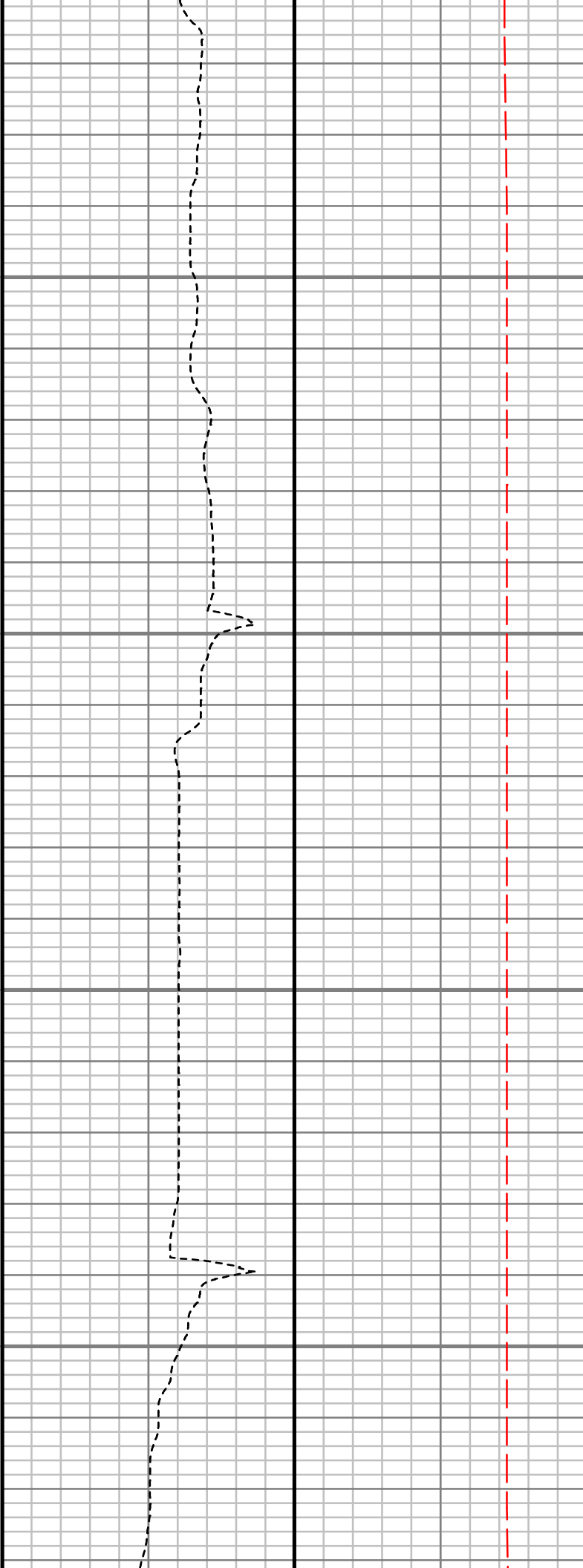
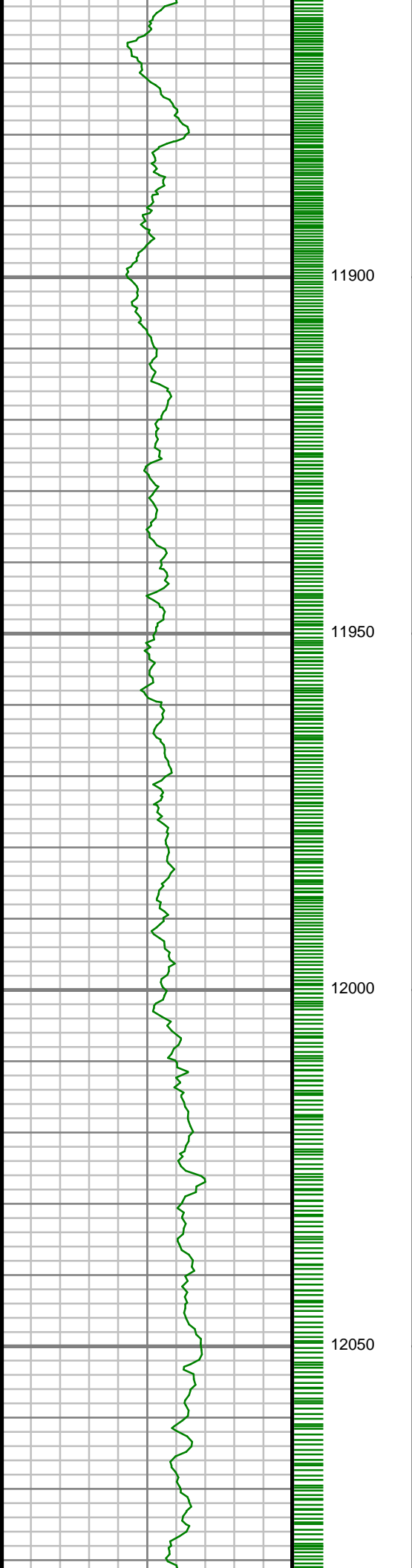
S: 117 MD: 11526.00 ft
Inc: 87.85 deg Az:
270.89 deg TVD:
6357.83 ft

S: 118 MD: 11617.00 ft
Inc: 88.59 deg Az:
270.30 deg TVD:
6360.66 ft



S: 119 MD: 11709.00 ft
Inc: 88.26 deg Az:
269.83 deg TVD:
6363.19 ft

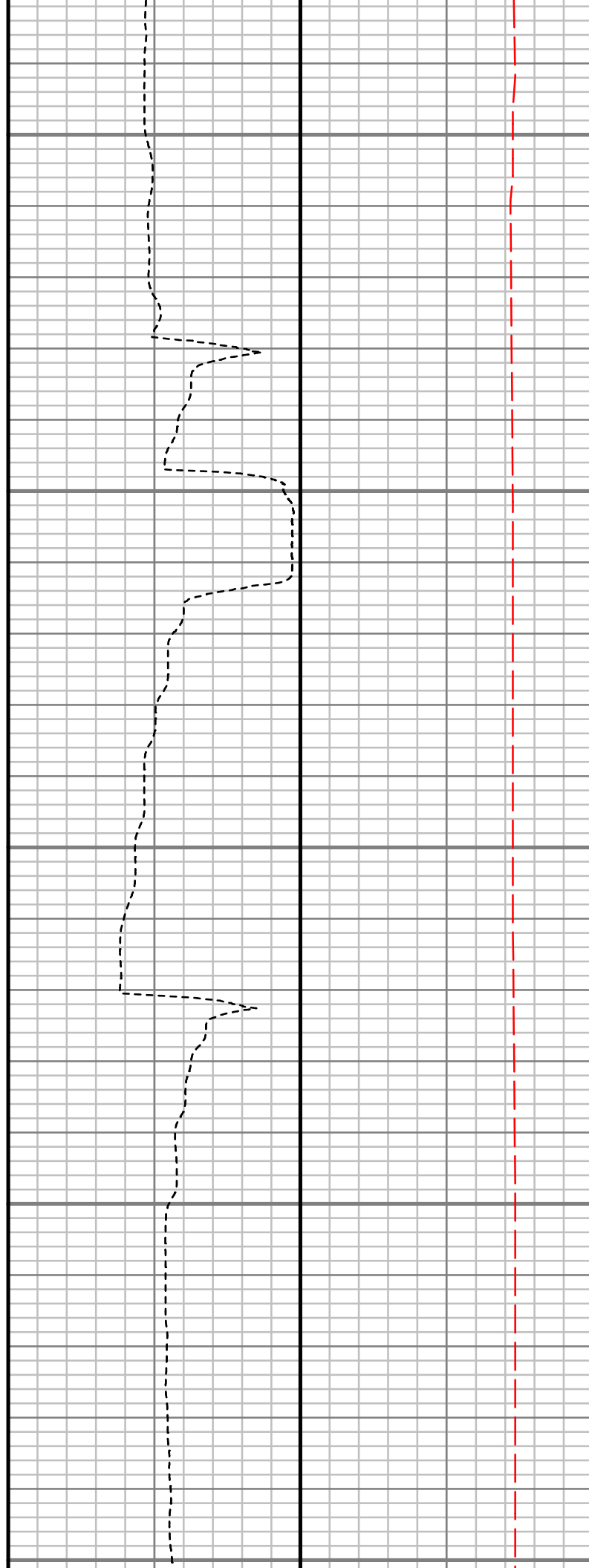
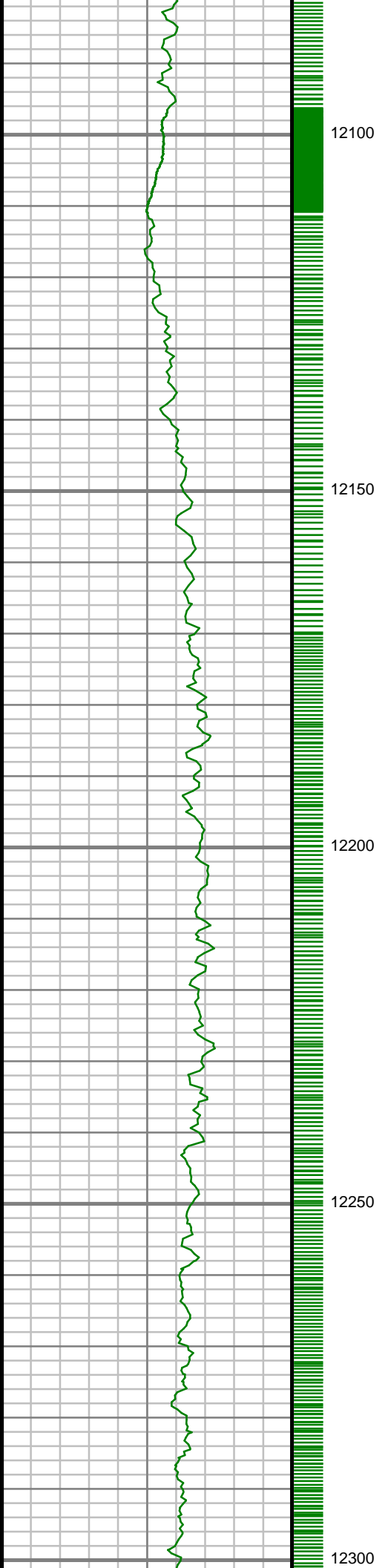
S: 120 MD: 11801.00 ft
Inc: 89.63 deg Az:
269.56 deg TVD:
6364.89 ft



S: 121 MD: 11892.00 ft
Inc: 88.99 deg Az:
270.27 deg TVD:
6365.98 ft

S: 122 MD: 11983.00 ft
Inc: 89.23 deg Az:
271.00 deg TVD:
6367.39 ft

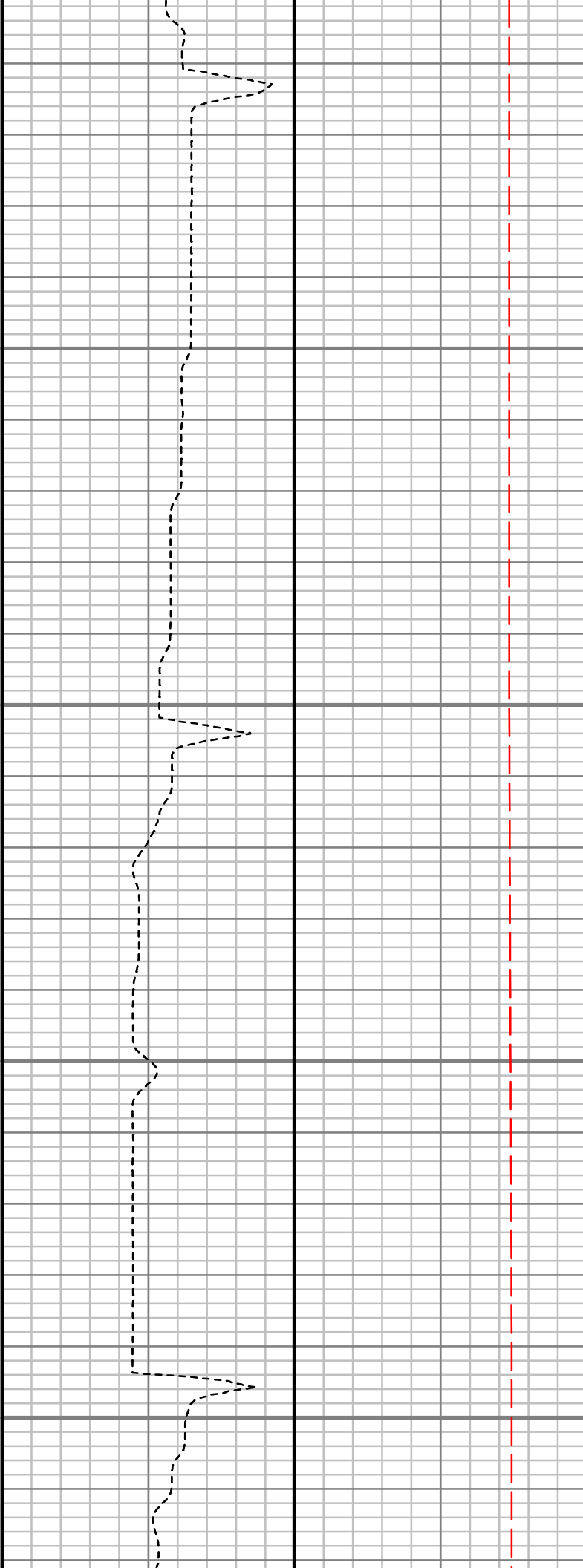
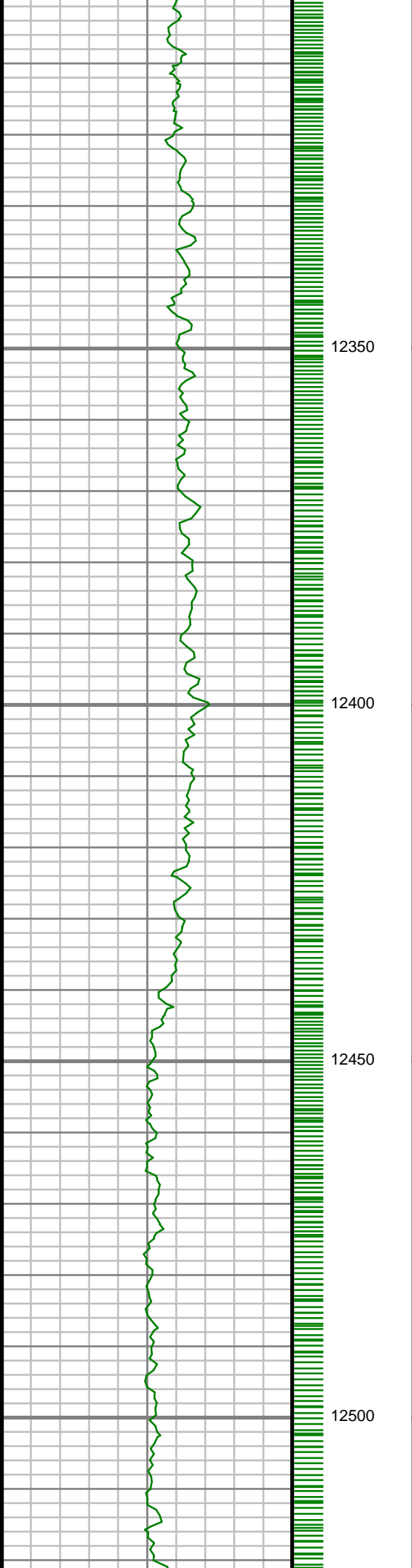
S: 123 MD: 12075.00 ft
Inc: 88.42 deg Az:
270.11 deg TVD:



270.11 deg TVD:
6369.28 ft

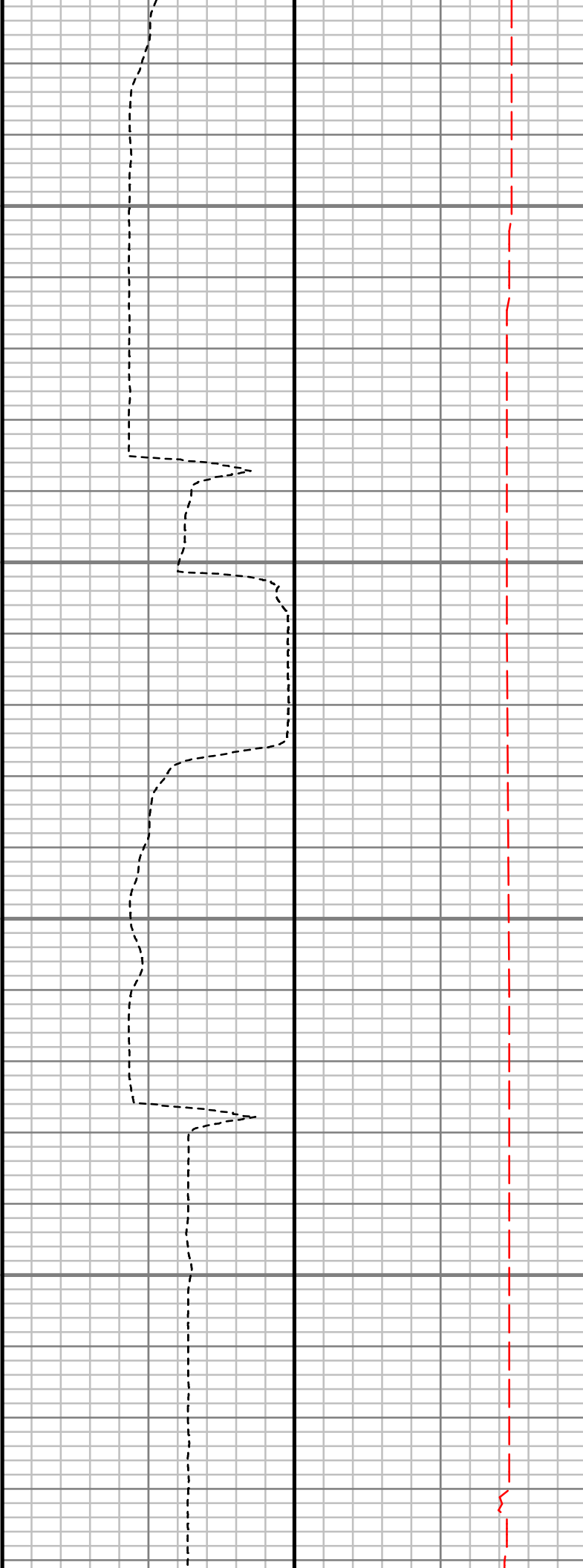
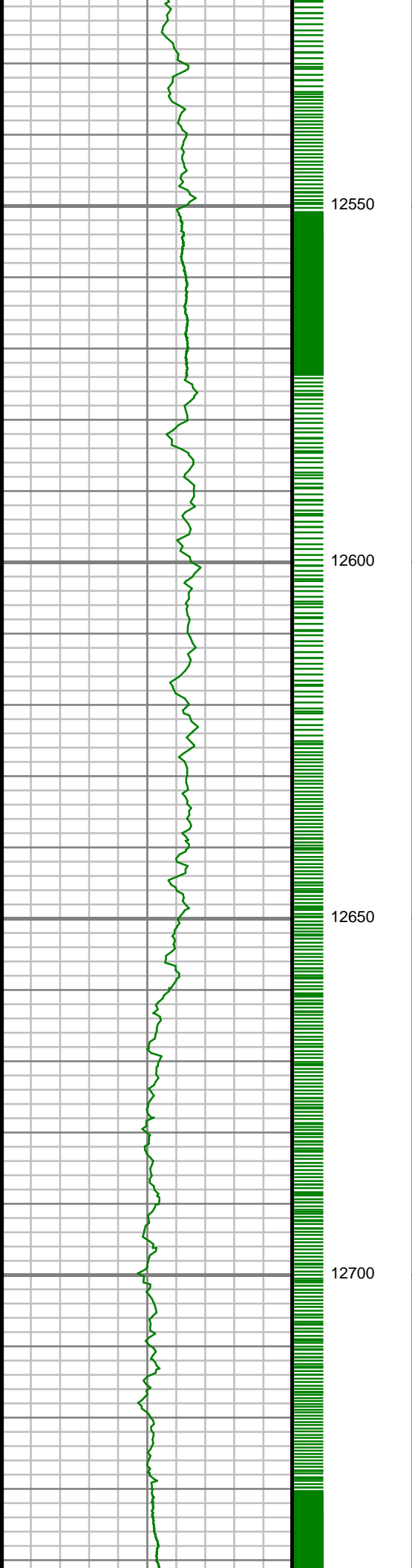
S: 124 MD: 12165.00 ft
Inc: 89.36 deg Az:
269.74 deg TVD:
6371.02 ft

S: 125 MD: 12257.00 ft
Inc: 89.33 deg Az:
269.85 deg TVD:
6372.07 ft



S: 126 MD: 12348.00 ft
Inc: 89.40 deg Az:
270.05 deg TVD:
6373.08 ft

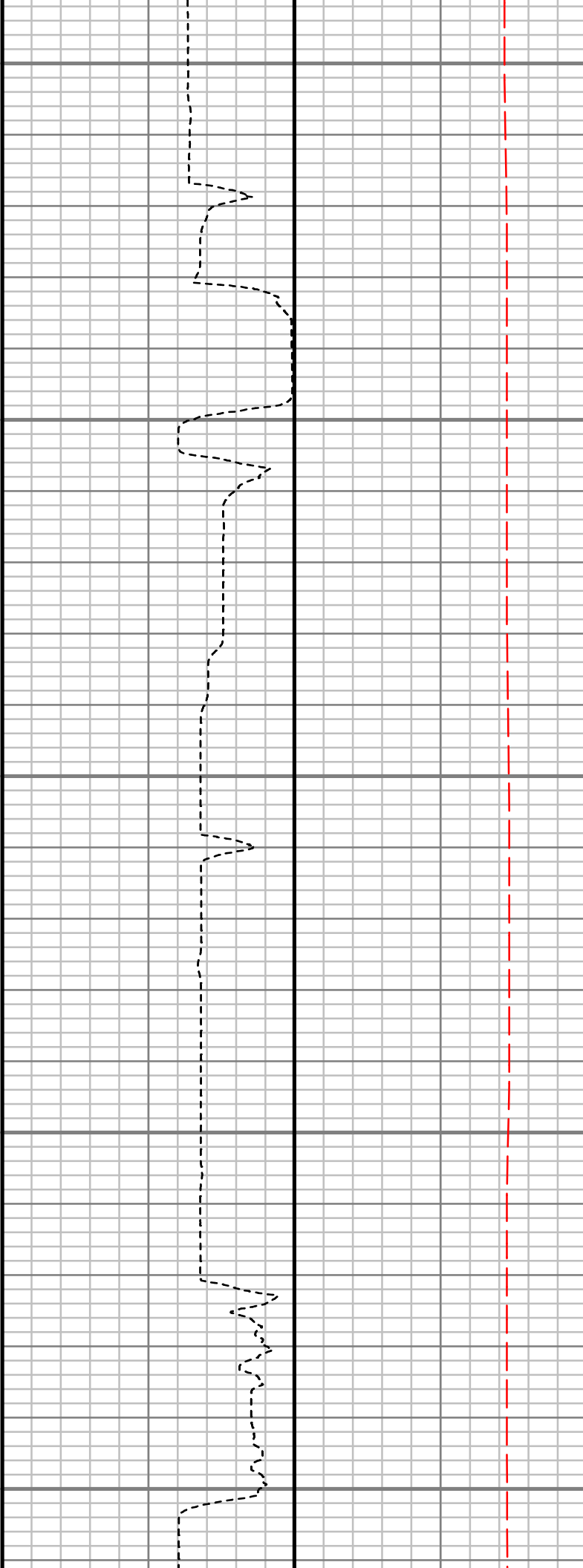
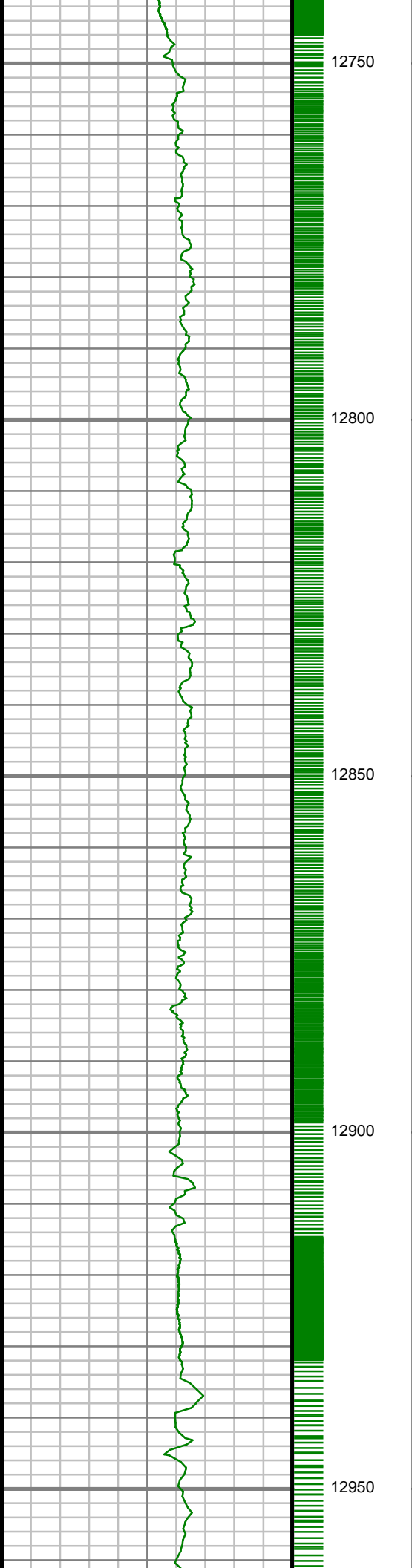
S: 127 MD: 12439.00 ft
Inc: 89.23 deg Az:
270.05 deg TVD:
6374.17 ft



S: 128 MD: 12531.00 ft
Inc: 90.50 deg Az:
272.92 deg TVD:
6374.39 ft

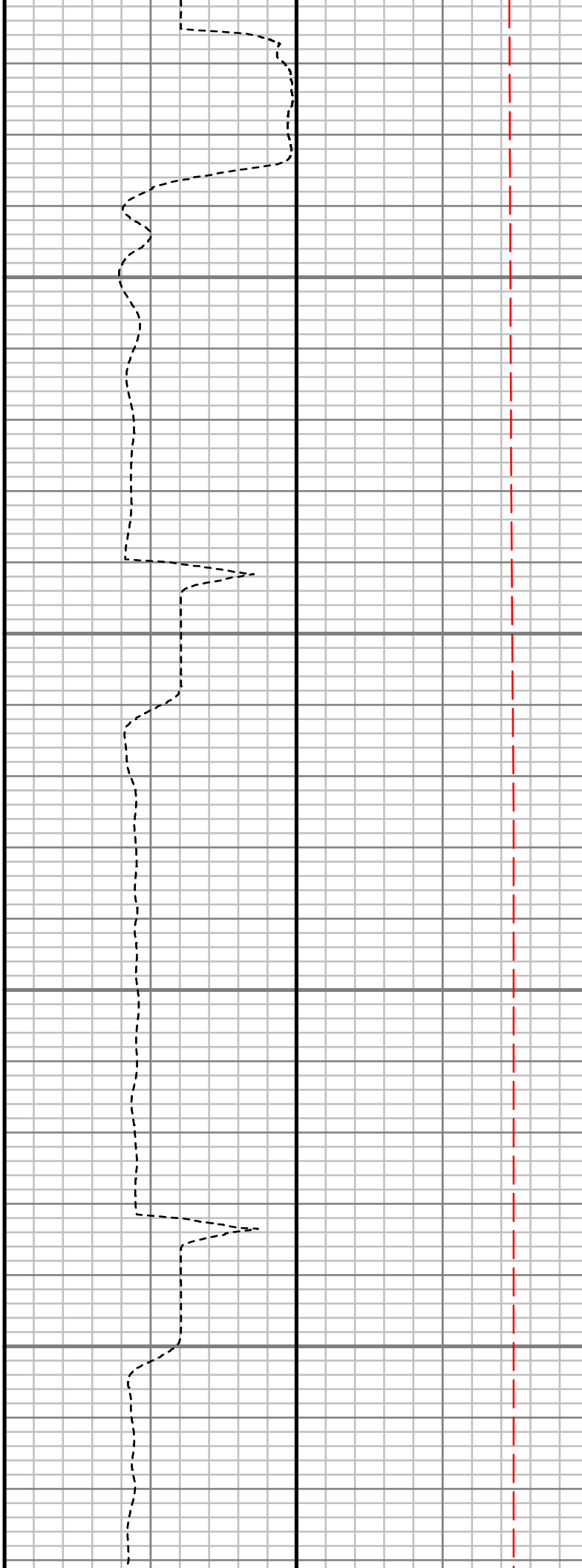
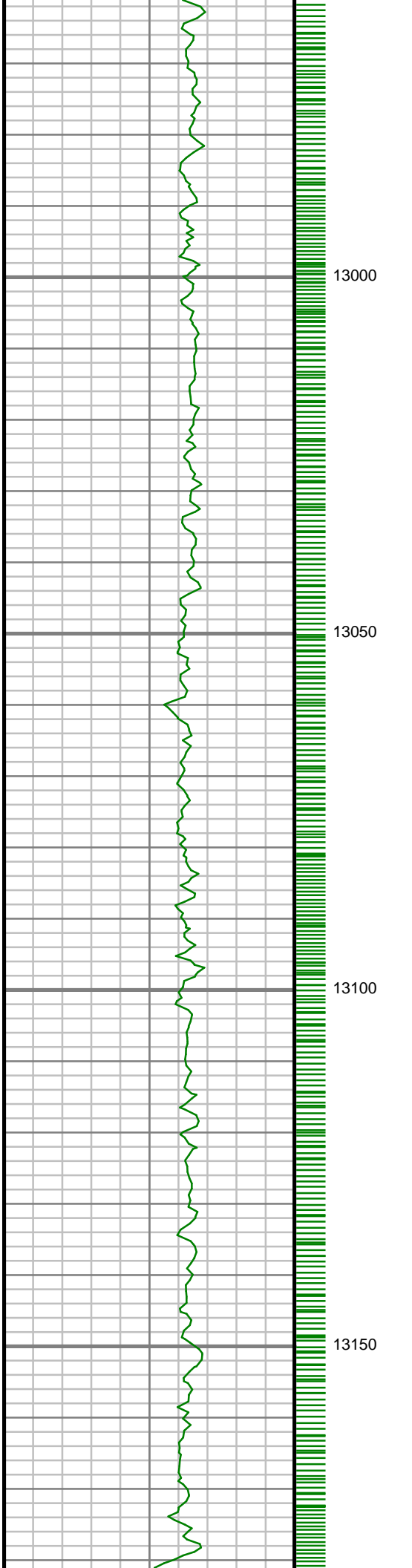
S: 129 MD: 12622.00 ft
Inc: 88.99 deg Az:
270.24 deg TVD:
6374.79 ft

S: 130 MD: 12713.00 ft
Inc: 90.07 deg Az:
272.83 deg TVD:
6375.54 ft



S: 131 MD: 12804.00 ft
Inc: 89.36 deg Az:
270.95 deg TVD:
6375.99 ft

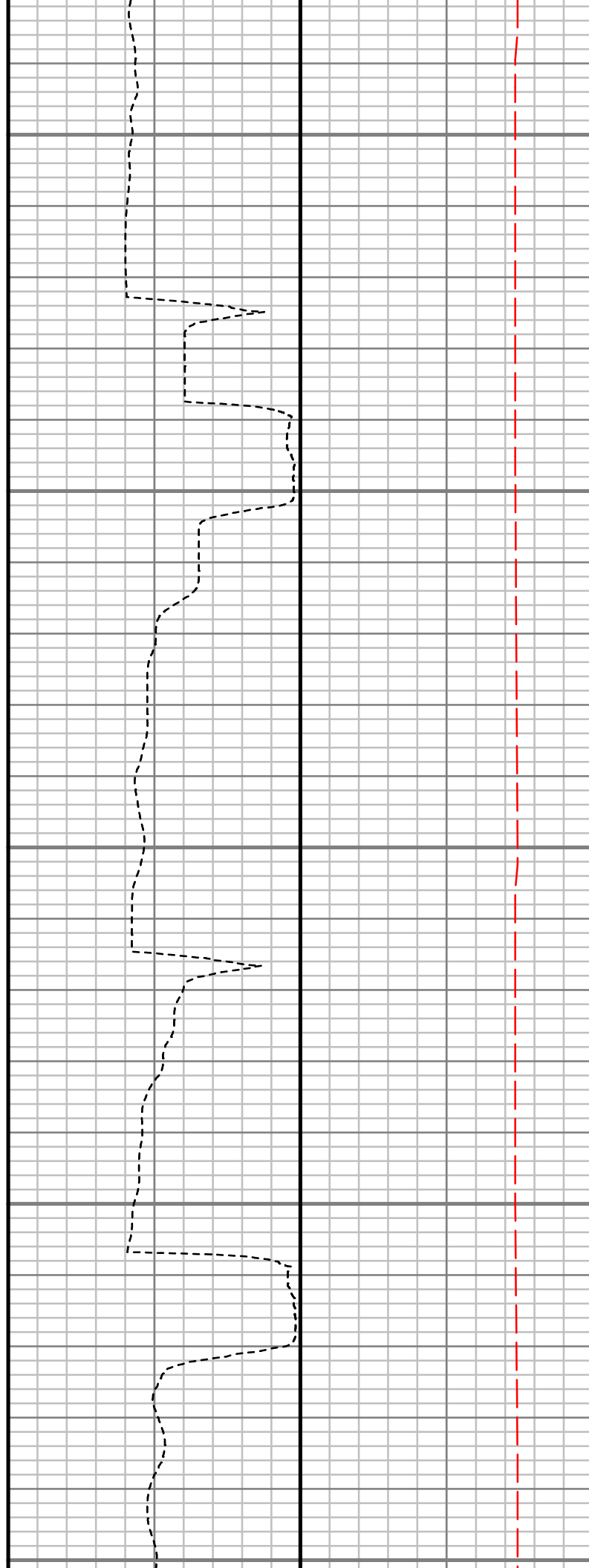
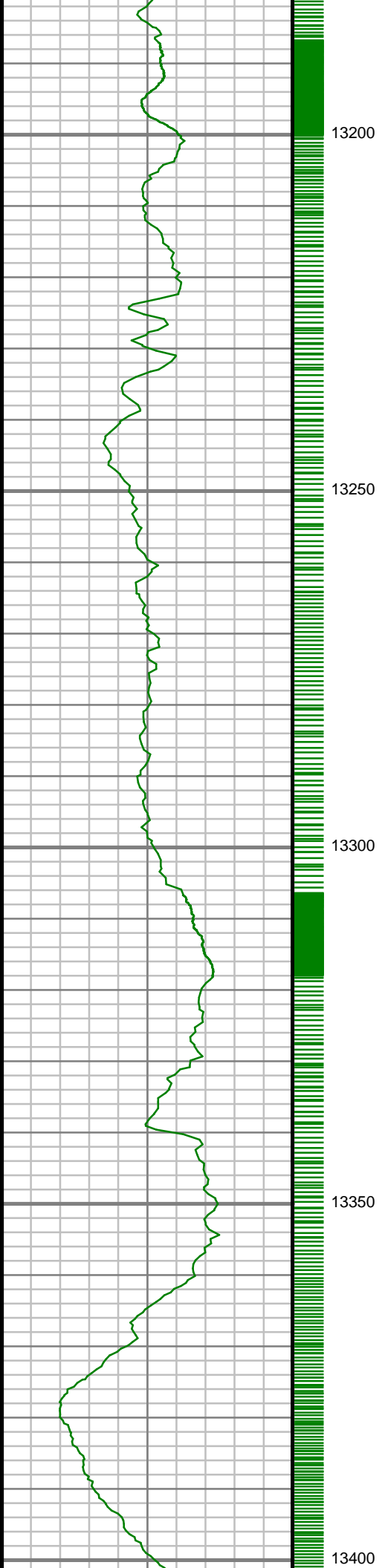
S: 132 MD: 12895.00 ft
Inc: 89.30 deg Az:
271.56 deg TVD:
6377.05 ft



S: 133 MD: 12986.00 ft
Inc: 88.29 deg Az:
269.78 deg TVD:
6378.97 ft

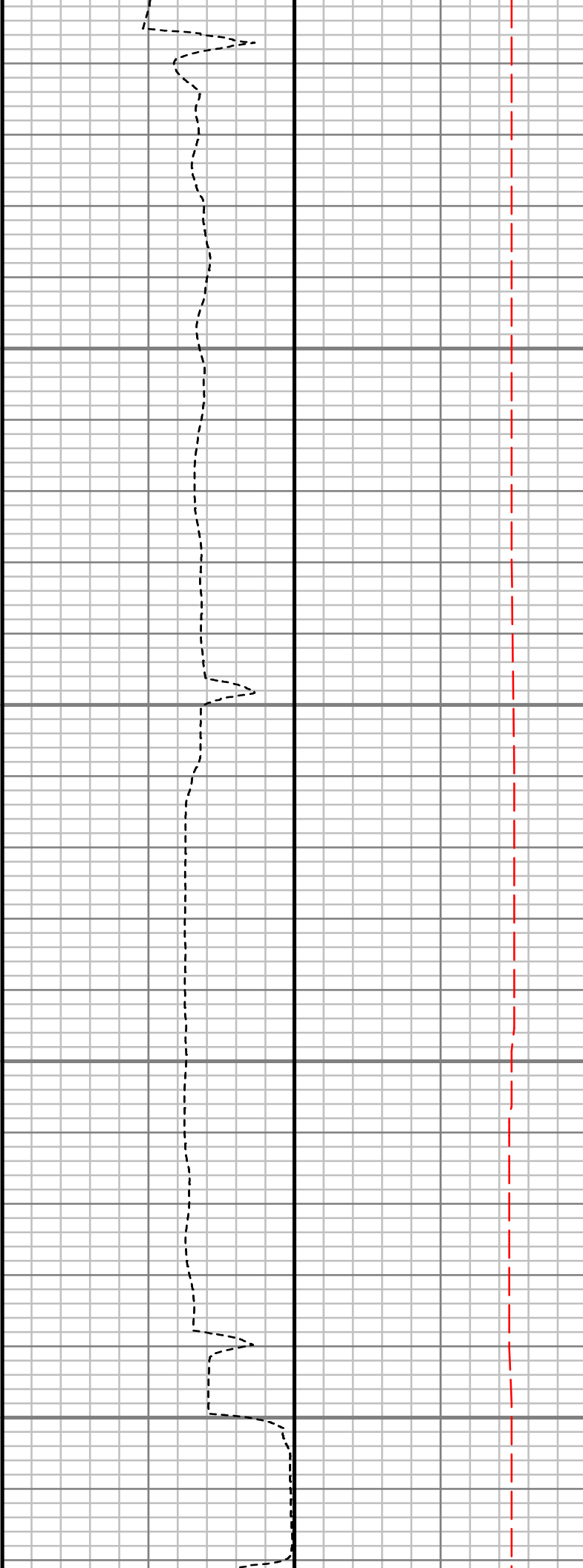
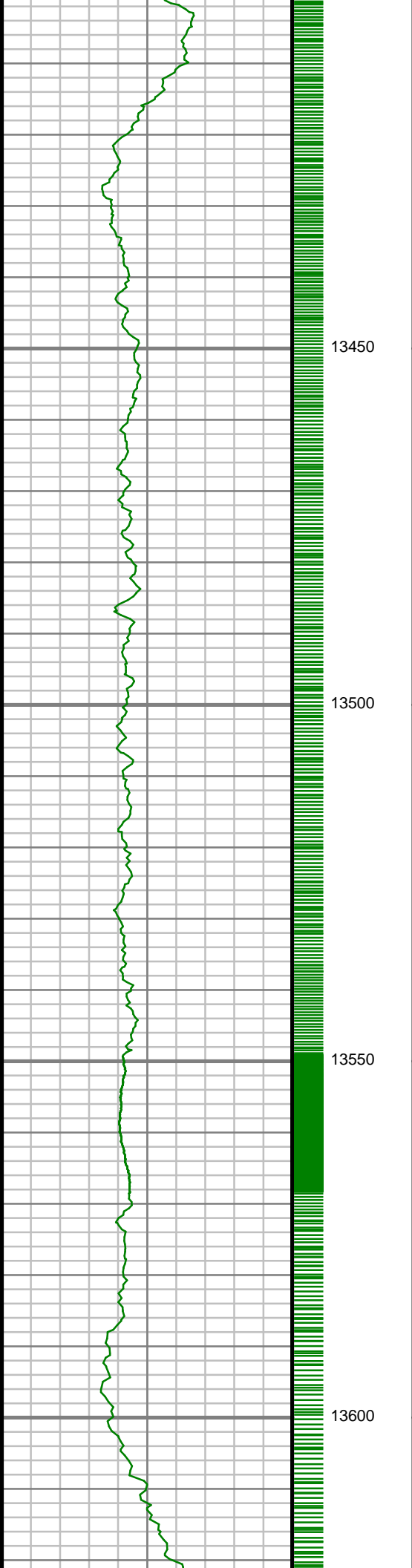
S: 134 MD: 13077.00 ft
Inc: 88.22 deg Az:
269.07 deg TVD:
6381.74 ft

S: 135 MD: 13169.00 ft
Inc: 87.99 deg Az:
269.13 deg TVD:
6384.79 ft



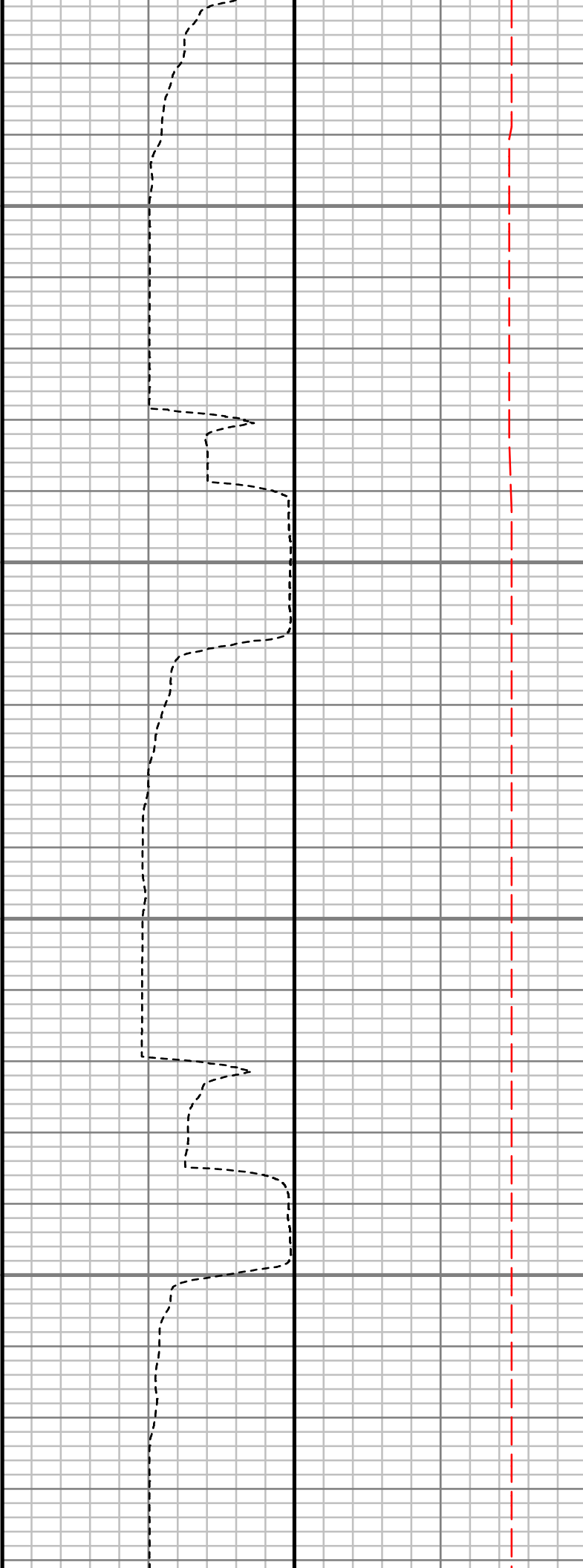
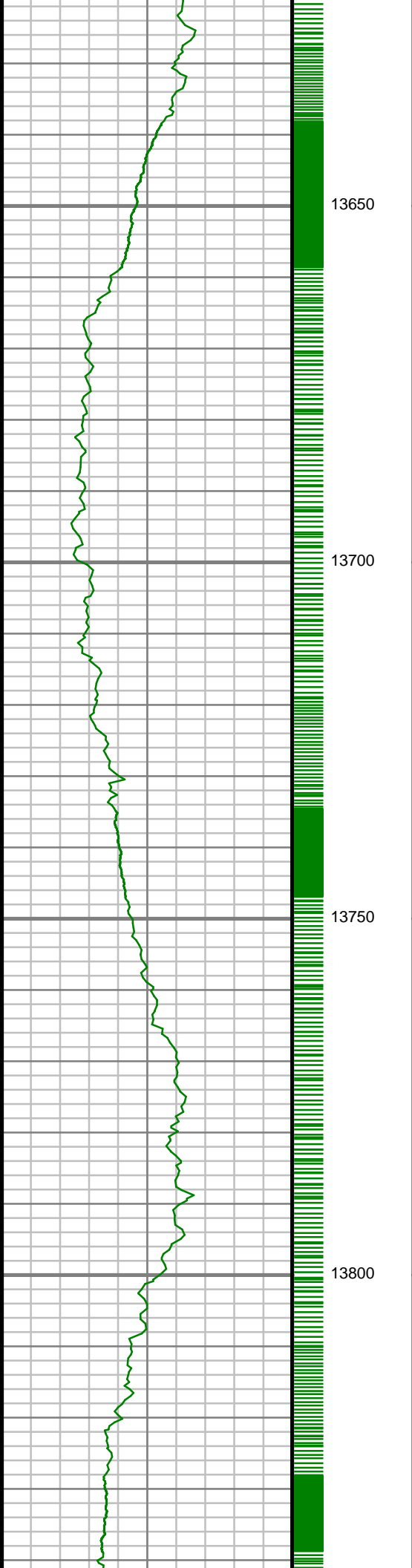
S: 136 MD: 13260.00 ft
Inc: 88.89 deg Az:
268.96 deg TVD:
6387.26 ft

S: 137 MD: 13351.00 ft
Inc: 88.86 deg Az:
268.32 deg TVD:
6389.05 ft



S: 138 MD: 13442.00 ft
Inc: 89.83 deg Az:
267.53 deg TVD:
6390.09 ft

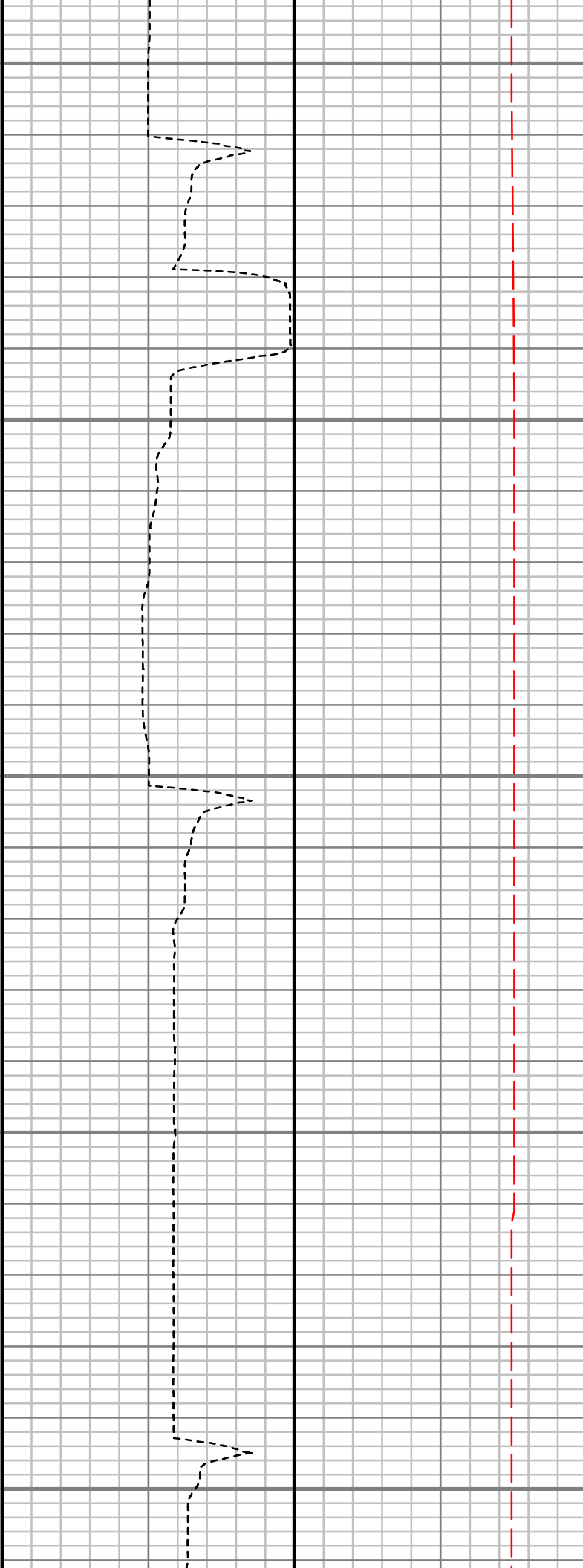
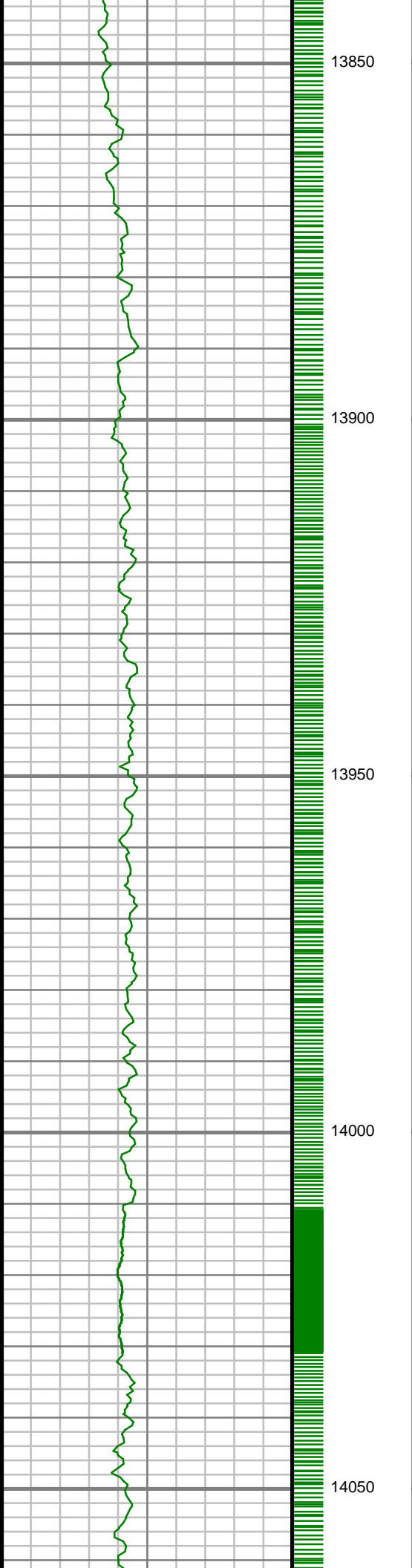
S: 139 MD: 13533.00 ft
Inc: 89.26 deg Az:
266.23 deg TVD:
6390.81 ft



S: 140 MD: 13624.00 ft
Inc: 89.50 deg Az:
267.04 deg TVD:
6391.79 ft

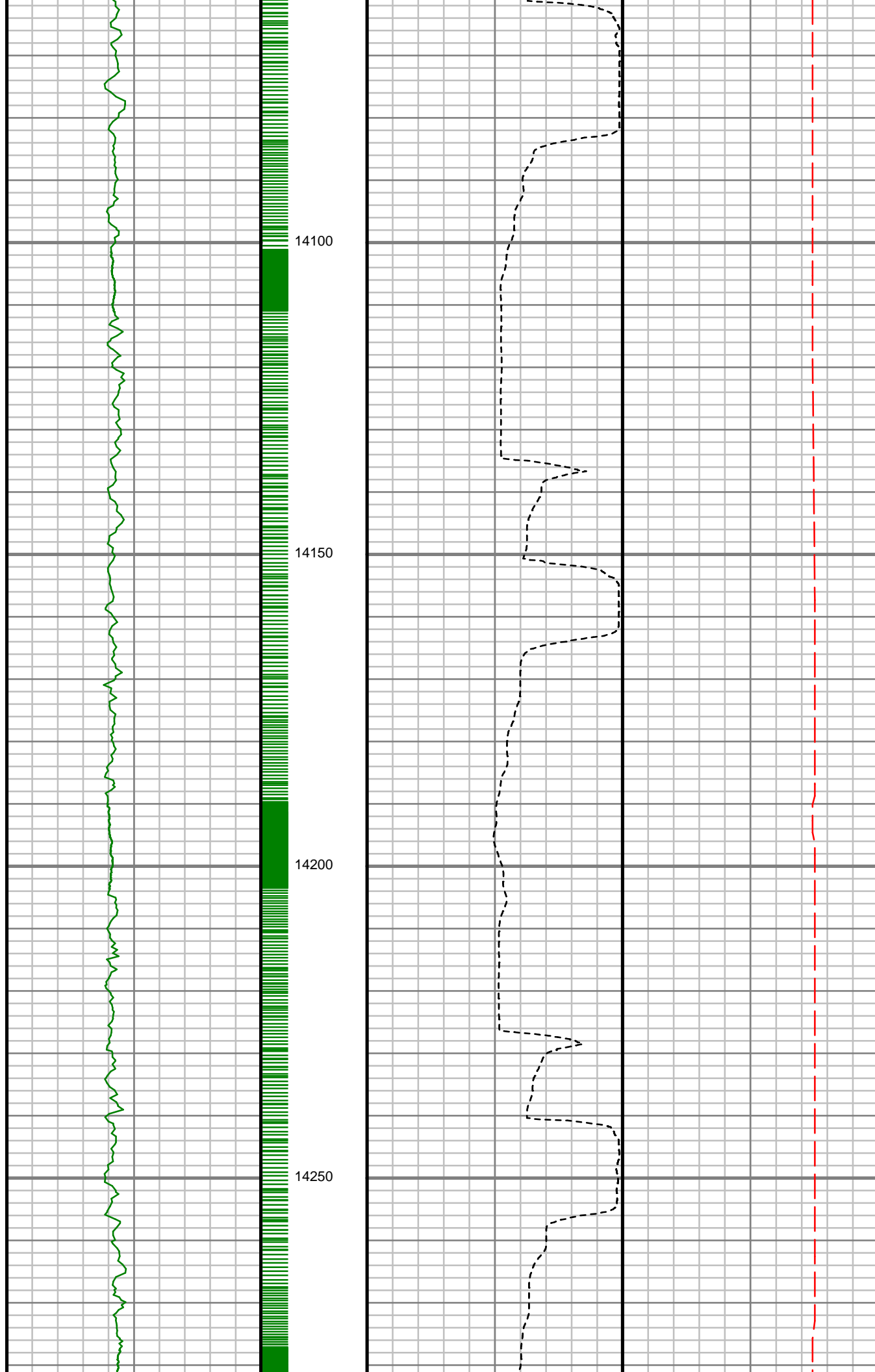
S: 141 MD: 13715.00 ft
Inc: 90.80 deg Az:
268.49 deg TVD:
6391.55 ft

S: 142 MD: 13806.00 ft
Inc: 90.97 deg Az:
269.69 deg TVD:
6390.14 ft



S: 143 MD: 13898.00 ft
Inc: 90.17 deg Az:
270.55 deg TVD:
6389.23 ft

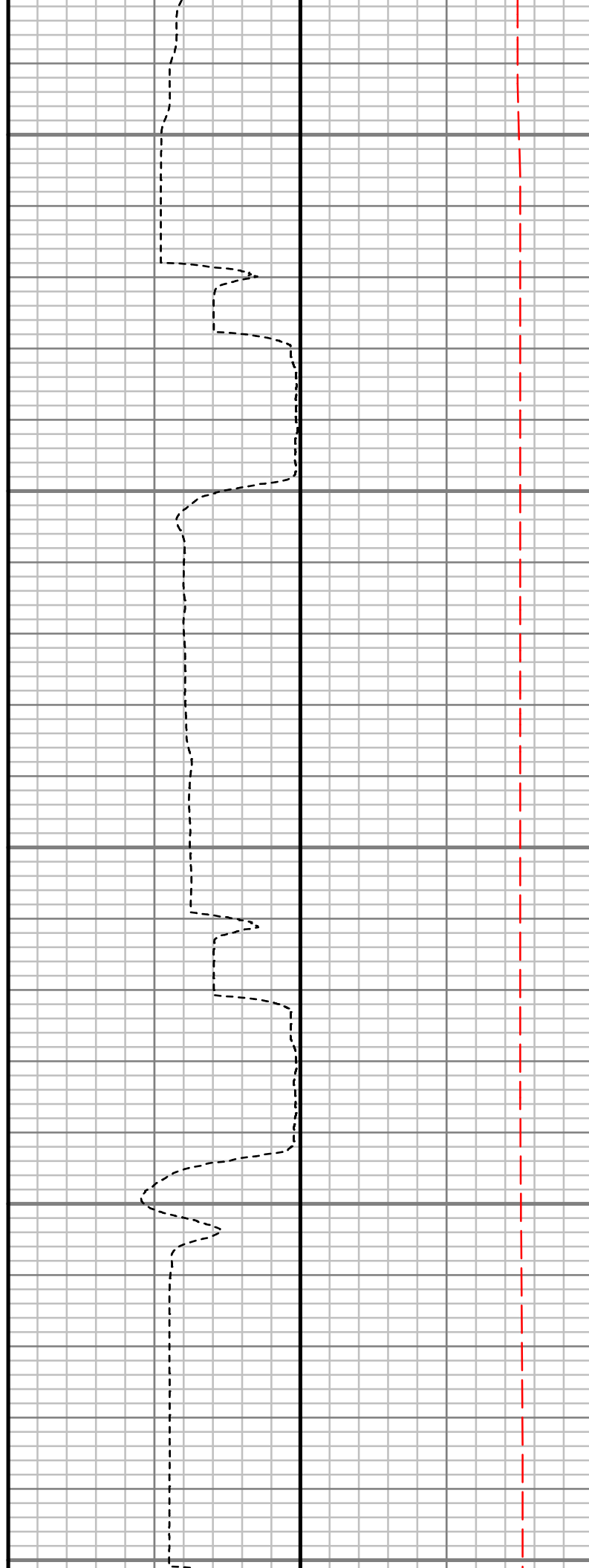
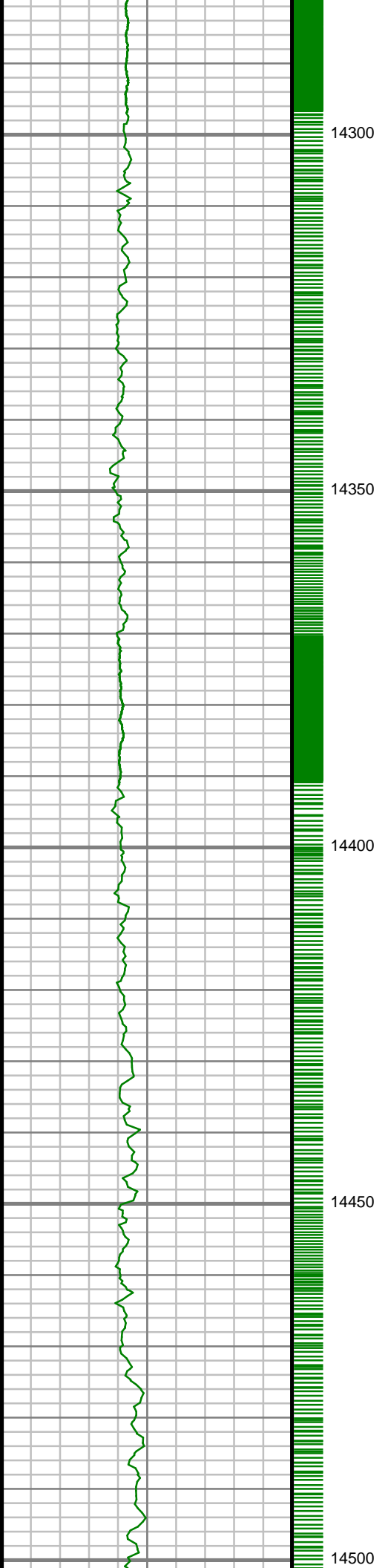
S: 144 MD: 13989.00 ft
Inc: 88.99 deg Az:
268.34 deg TVD:
6389.89 ft



S: 145 MD: 14081.00 ft
Inc: 89.46 deg Az:
270.25 deg TVD:
6391.13 ft

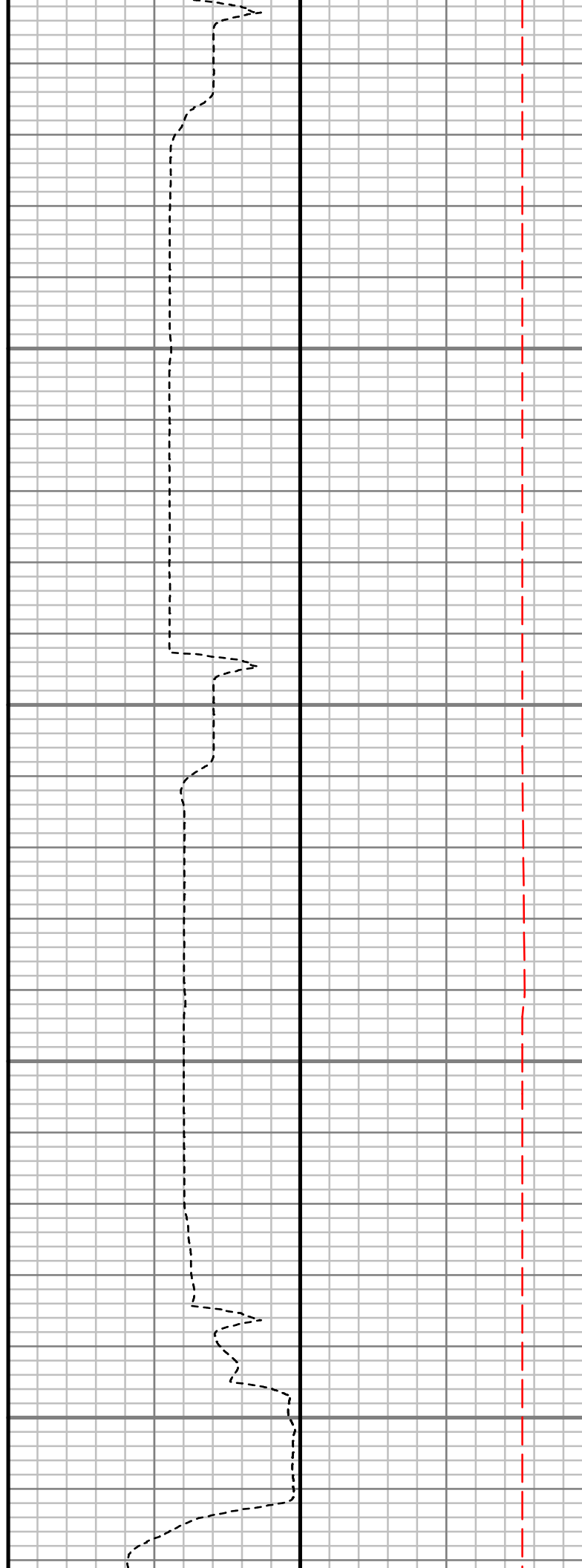
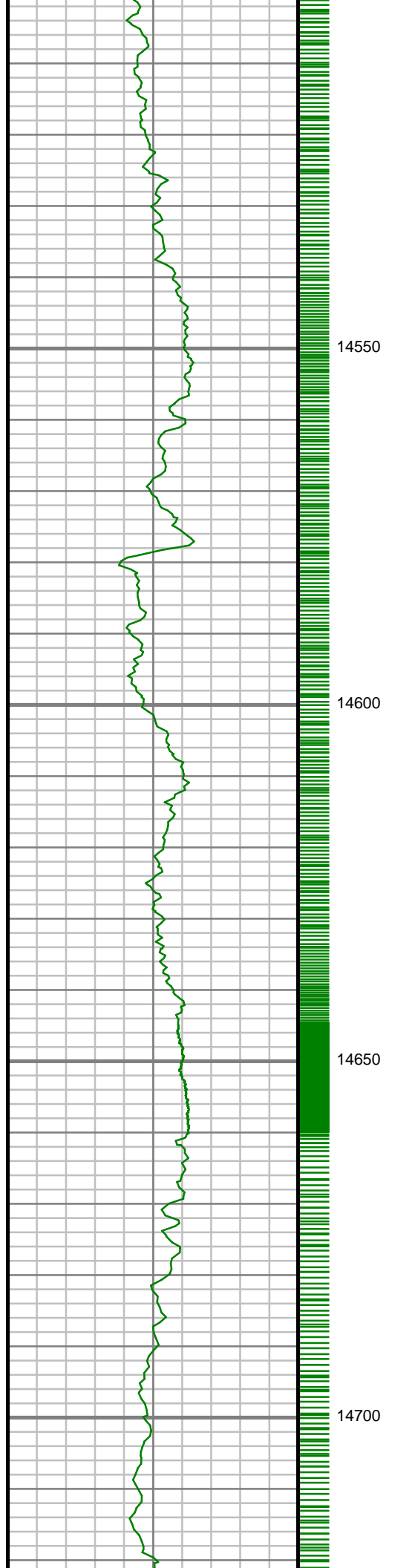
S: 146 MD: 14172.00 ft
Inc: 89.03 deg Az:
269.71 deg TVD:
6392.33 ft

S: 147 MD: 14264.00 ft
Inc: 89.30 deg Az:
269.93 deg TVD:
6393.68 ft



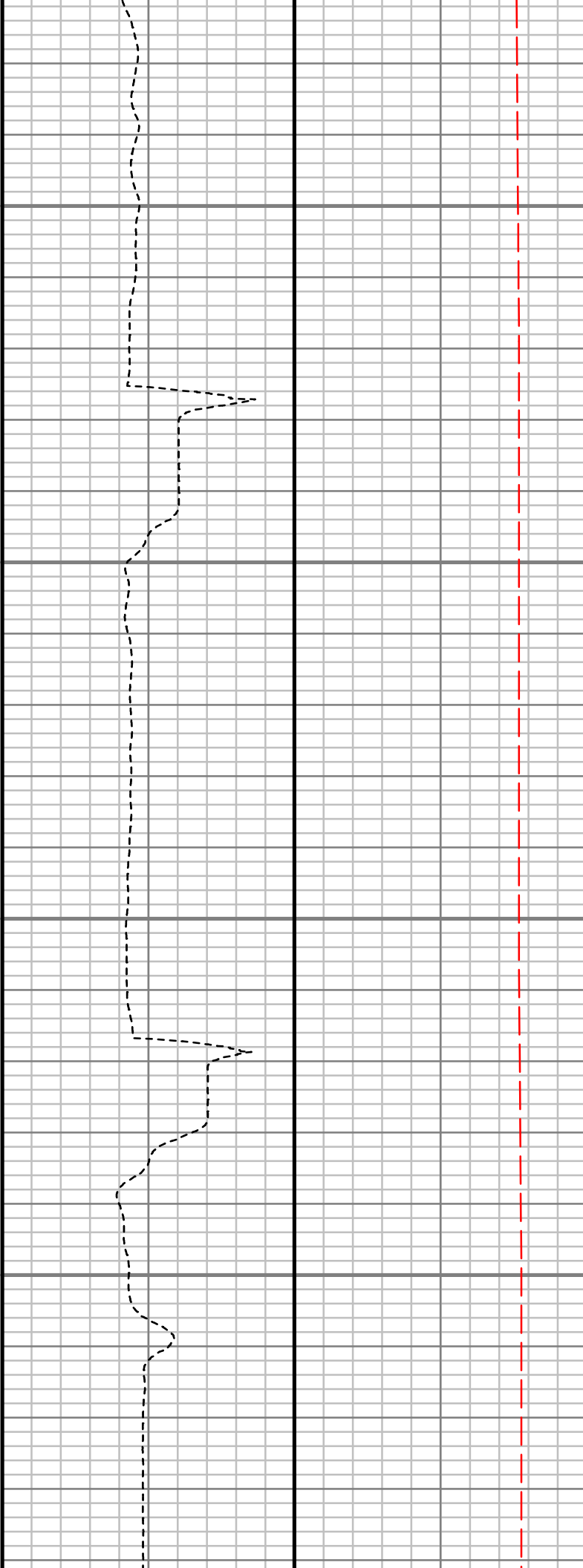
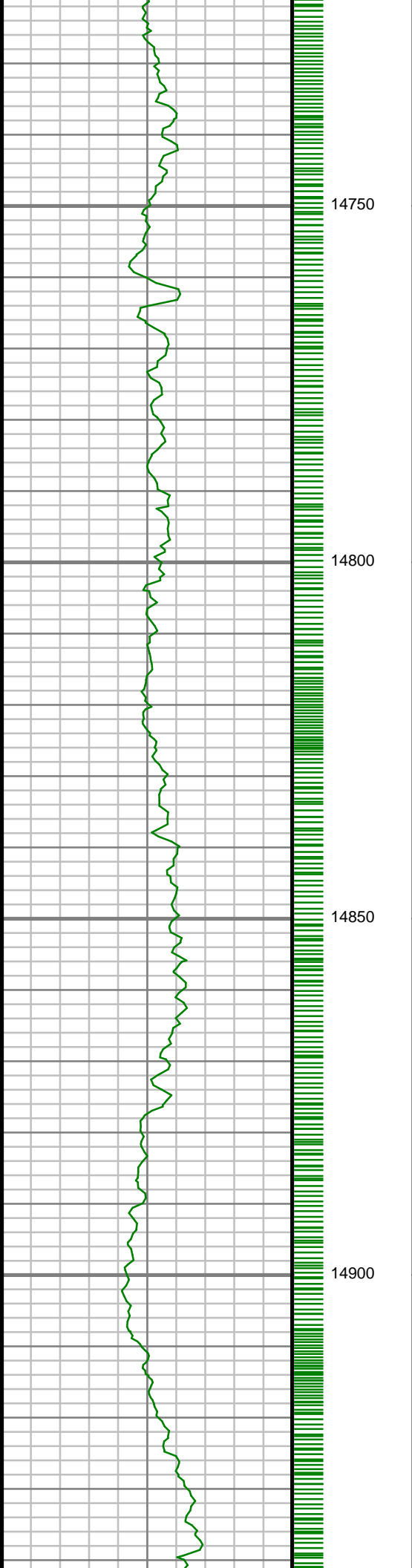
S: 148 MD: 14355.00 ft
Inc: 89.36 deg Az:
270.53 deg TVD:
6394.74 ft

S: 149 MD: 14447.00 ft
Inc: 90.07 deg Az:
271.29 deg TVD:
6395.20 ft



S: 150 MD: 14539.00 ft
Inc: 90.13 deg Az:
270.65 deg TVD:
6395.04 ft

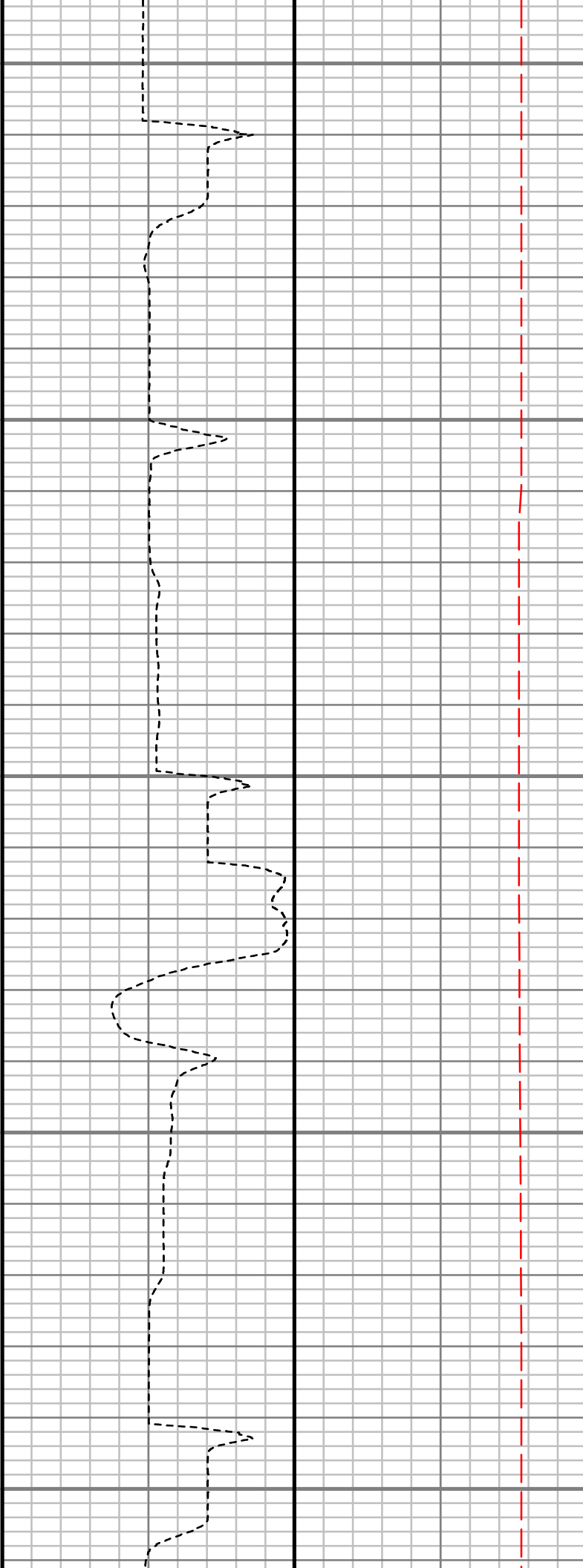
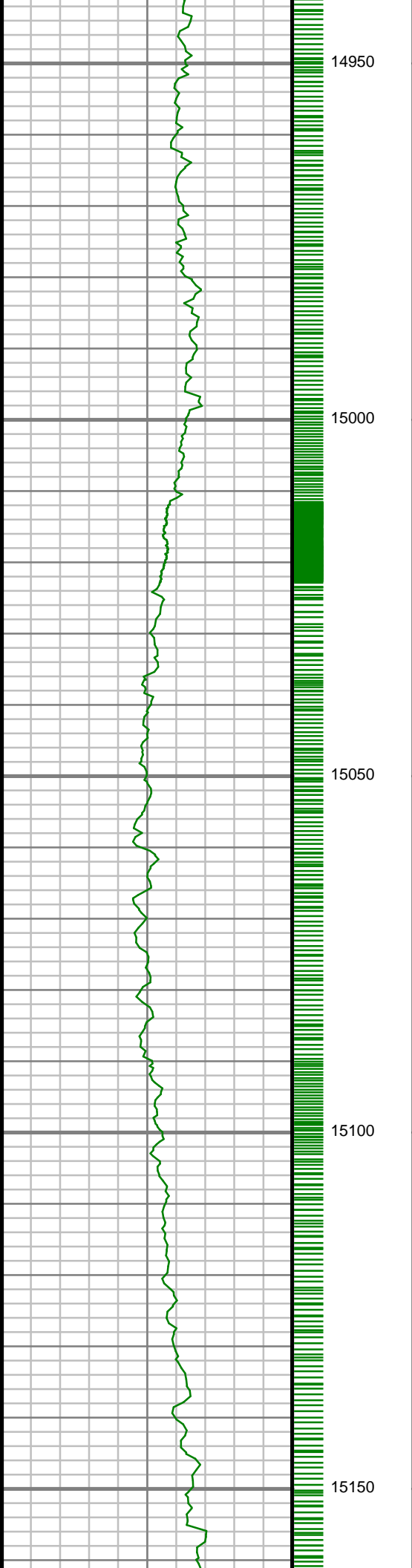
S: 151 MD: 14630.00 ft
Inc: 90.17 deg Az:
270.17 deg TVD:
6394.80 ft



S: 152 MD: 14721.00 ft
Inc: 90.57 deg Az:
271.35 deg TVD:
6394.21 ft

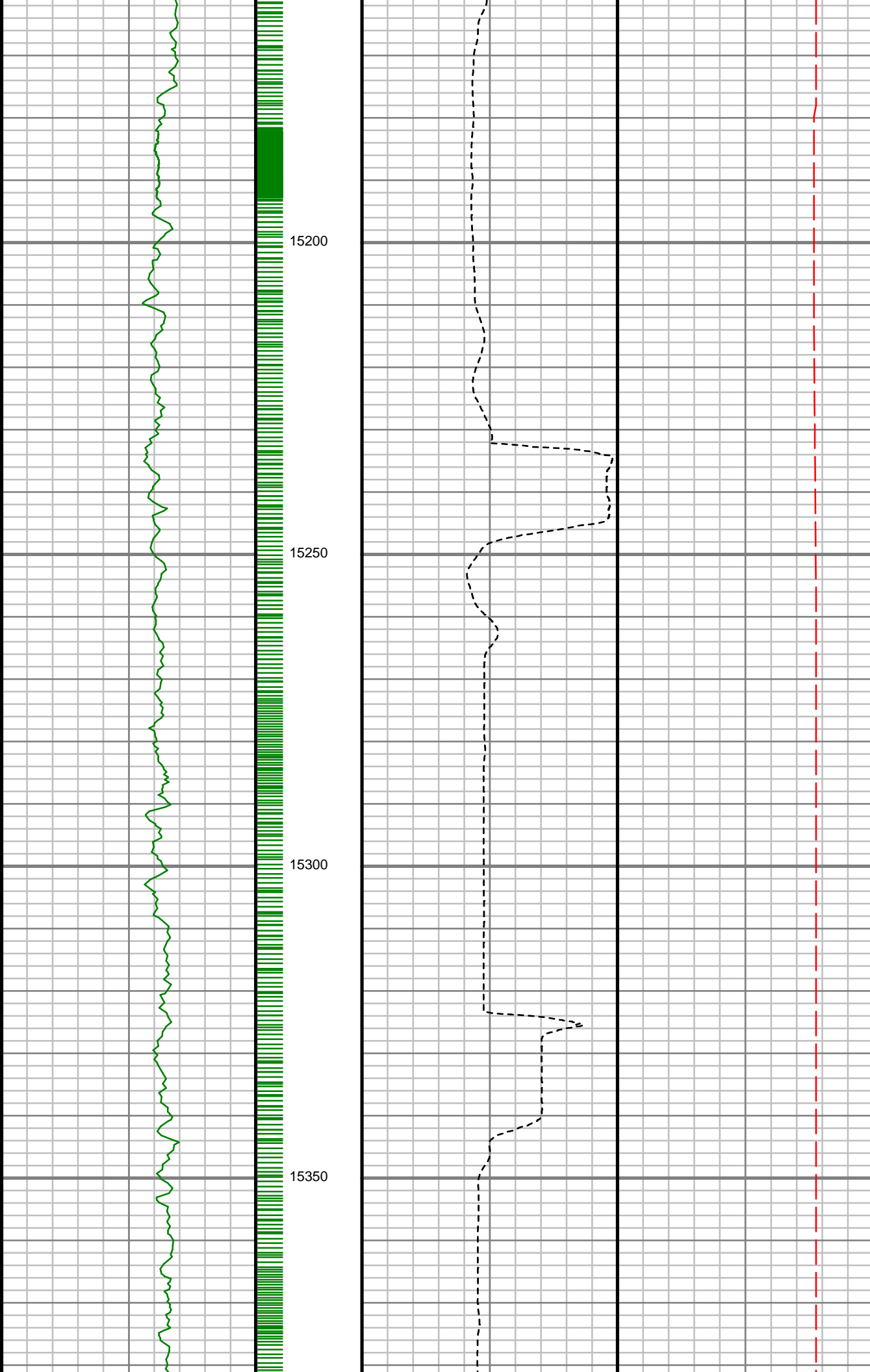
S: 153 MD: 14812.00 ft
Inc: 90.40 deg Az:
271.55 deg TVD:
6393.44 ft

S: 154 MD: 14904.00 ft
Inc: 90.34 deg Az:
271.07 deg TVD:
6392.85 ft



S: 155 MD: 14995.00 ft
Inc: 90.37 deg Az:
270.17 deg TVD:
6392.29 ft

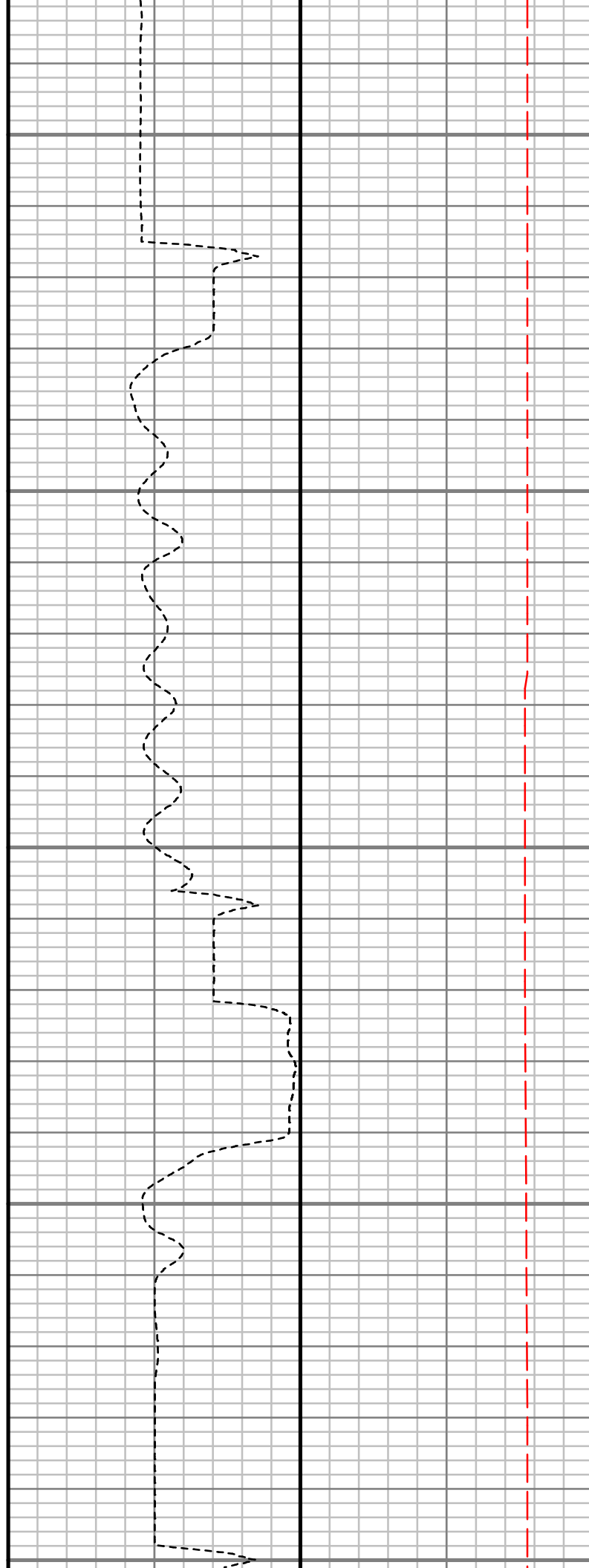
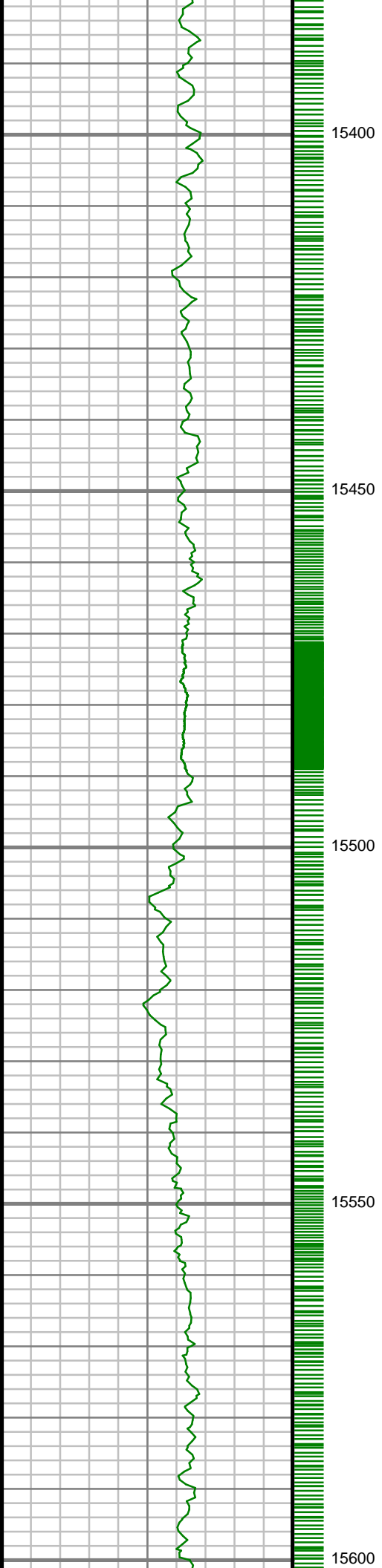
S: 156 MD: 15086.00 ft
Inc: 88.86 deg Az:
270.25 deg TVD:
6392.90 ft



S: 157 MD: 15178.00 ft
Inc: 88.62 deg Az:
269.61 deg TVD:
6394.92 ft

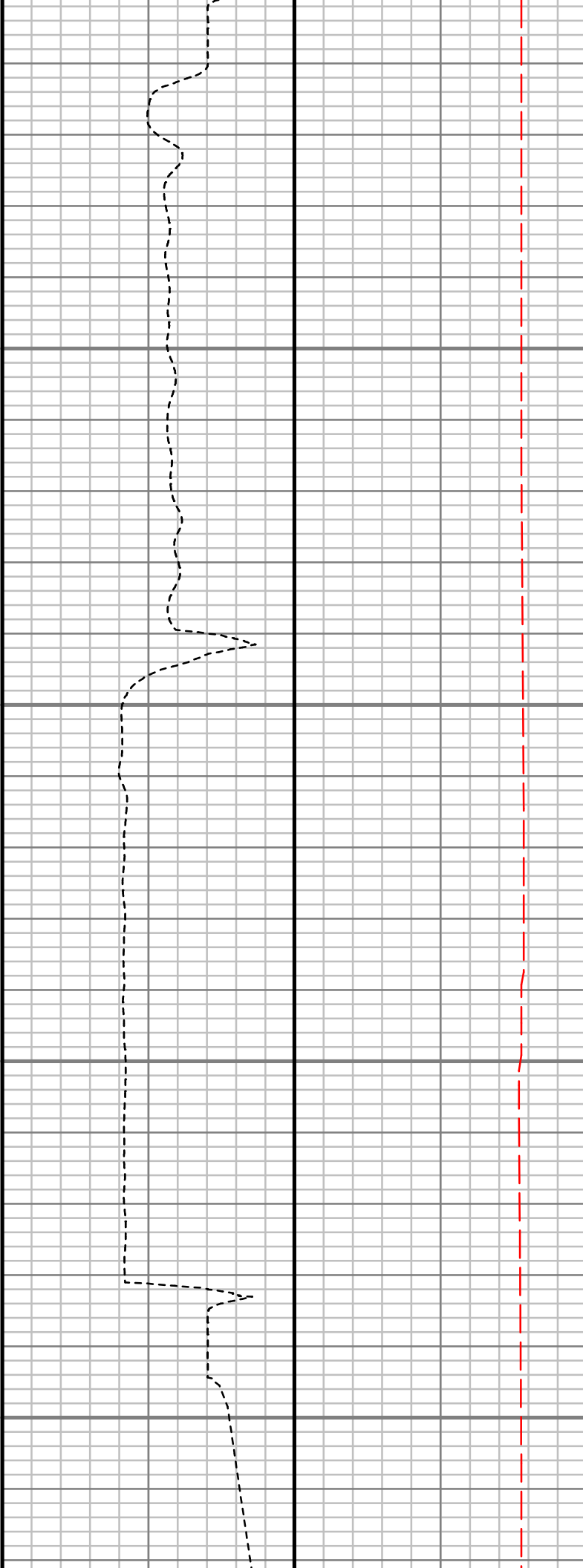
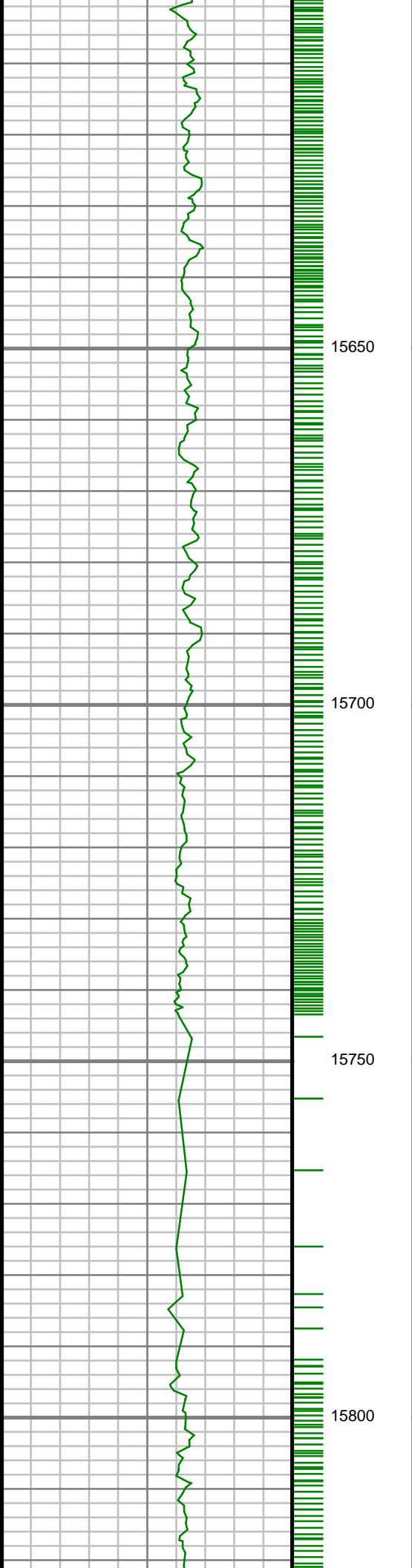
S: 158 MD: 15269.00 ft
Inc: 89.50 deg Az:
270.84 deg TVD:
6396.41 ft

S: 159 MD: 15360.00 ft
Inc: 89.80 deg Az:
271.22 deg TVD:
6396.97 ft



S: 160 MD: 15451.00 ft
Inc: 88.96 deg Az:
268.61 deg TVD:
6397.96 ft

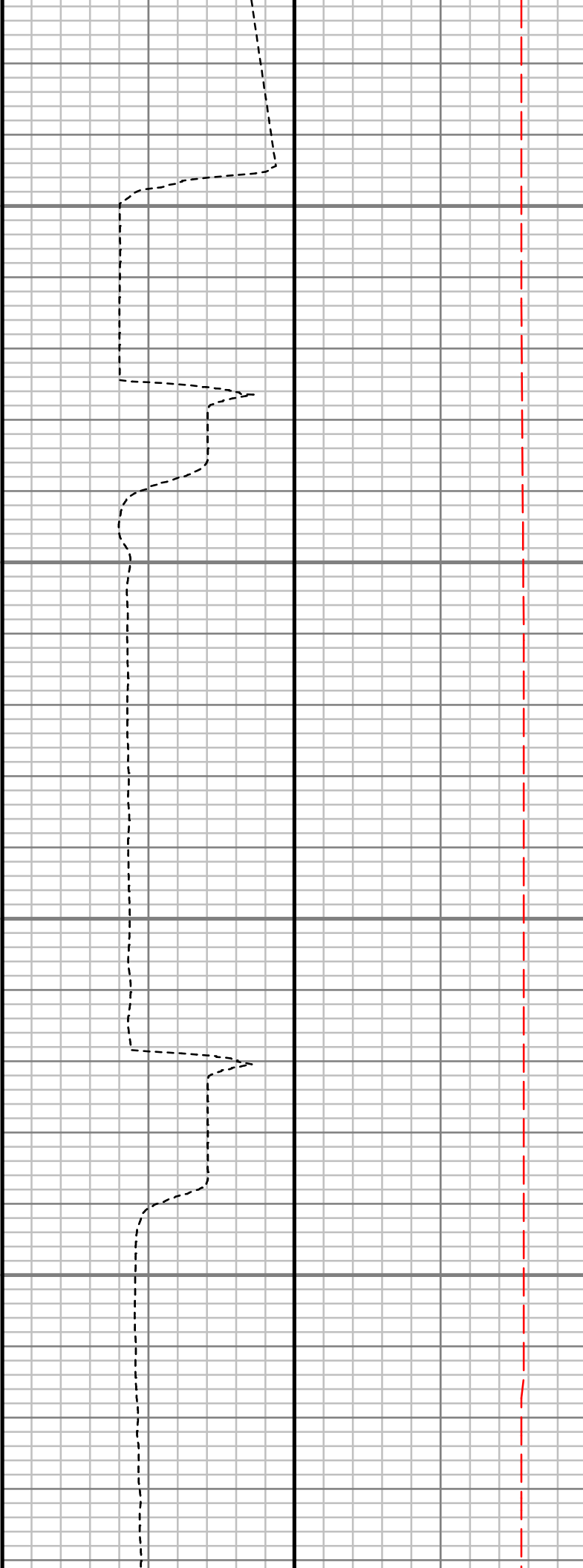
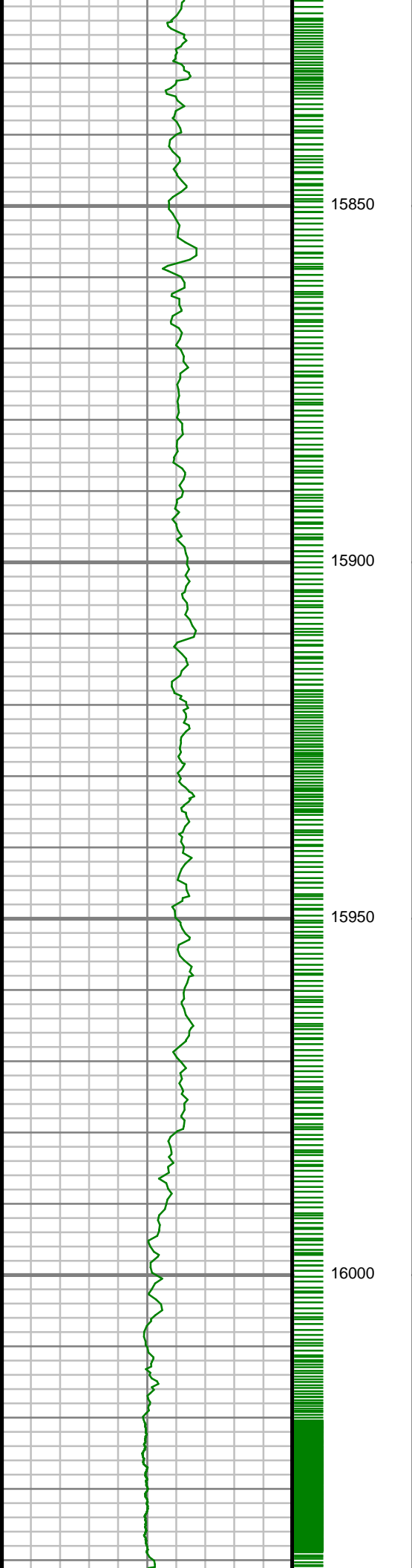
S: 161 MD: 15543.00 ft
Inc: 89.93 deg Az:
270.12 deg TVD:
6398.85 ft



S: 162 MD: 15635.00 ft
Inc: 89.83 deg Az:
269.55 deg TVD:
6399.04 ft

S: 163 MD: 15726.00 ft
Inc: 89.70 deg Az:
269.21 deg TVD:
6399.41 ft

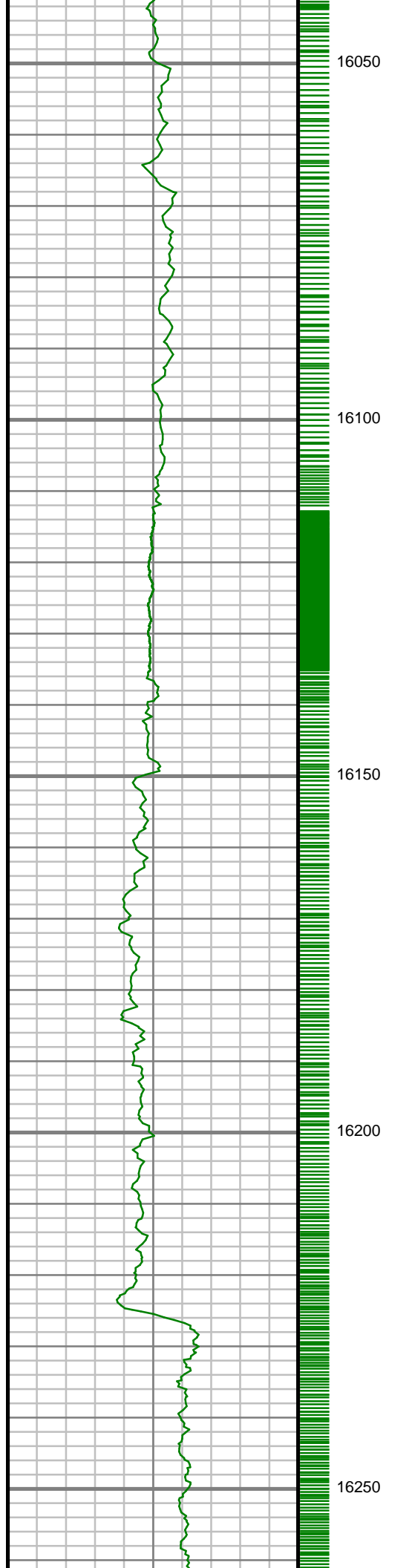
S: 164 MD: 15820.00 ft



S: 164 MD: 15820.00 ft
Inc: 89.46 deg Az:
271.65 deg TVD:
6400.10 ft

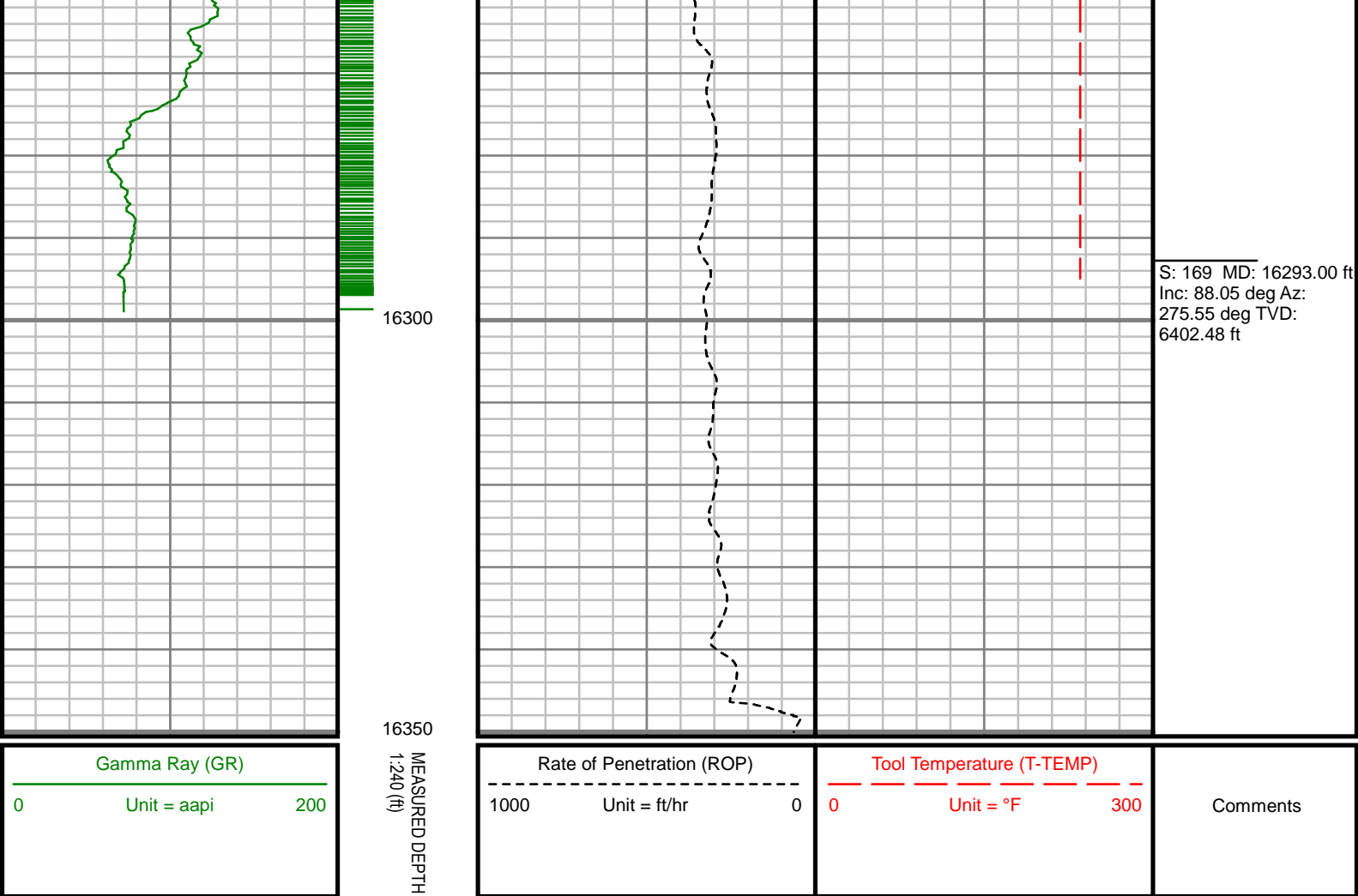
S: 165 MD: 15914.00 ft
Inc: 89.83 deg Az:
271.73 deg TVD:
6400.68 ft

S: 166 MD: 16008.00 ft
Inc: 90.50 deg Az:
273.19 deg TVD:
6400.40 ft



S: 167 MD: 16103.00 ft
Inc: 90.67 deg Az:
274.66 deg TVD:
6399.43 ft

S: 168 MD: 16198.00 ft
Inc: 88.79 deg Az:
275.79 deg TVD:
6399.87 ft



GAMMA RAY

5" = 100' MD