

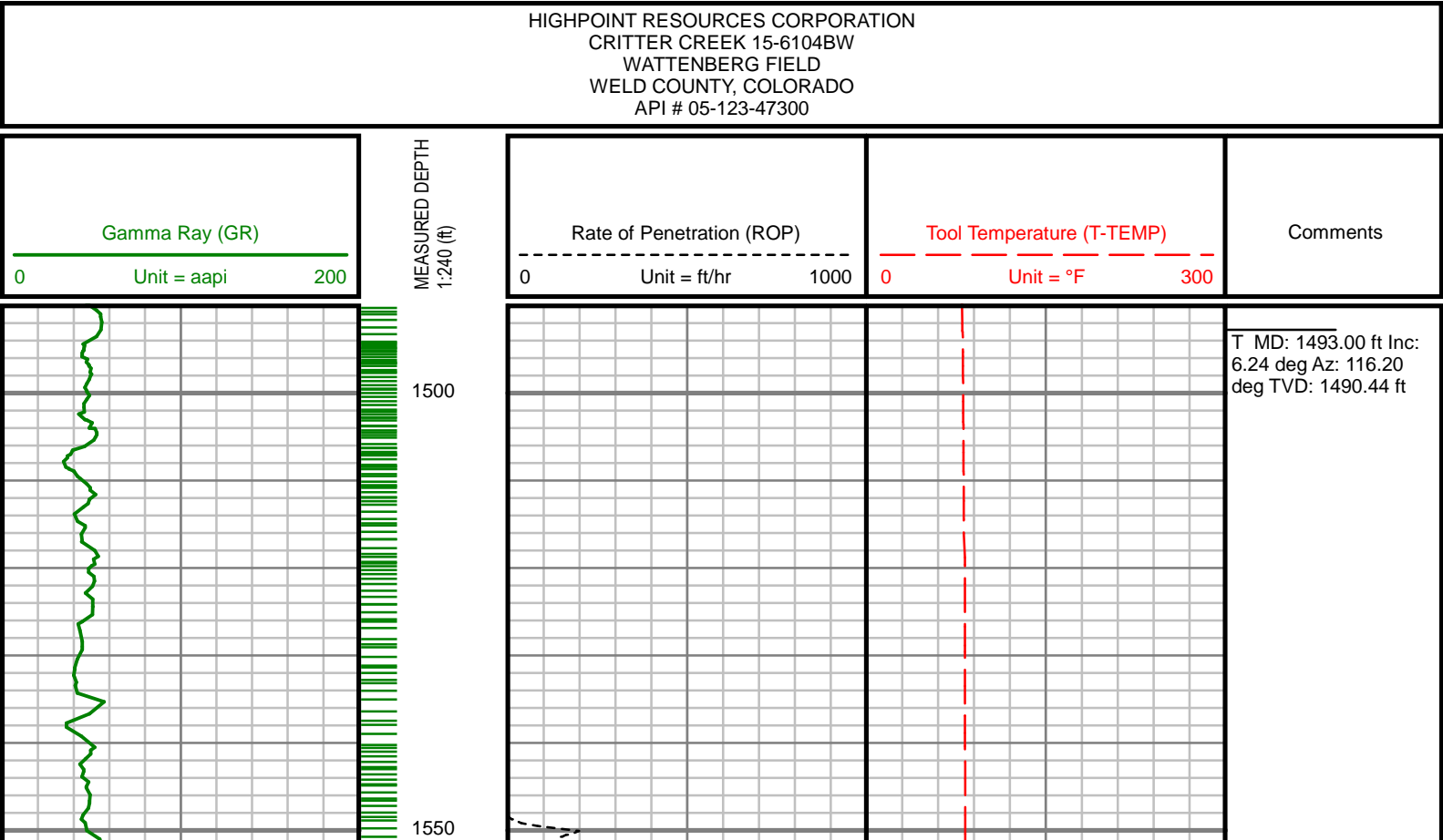
5" = 100' MD

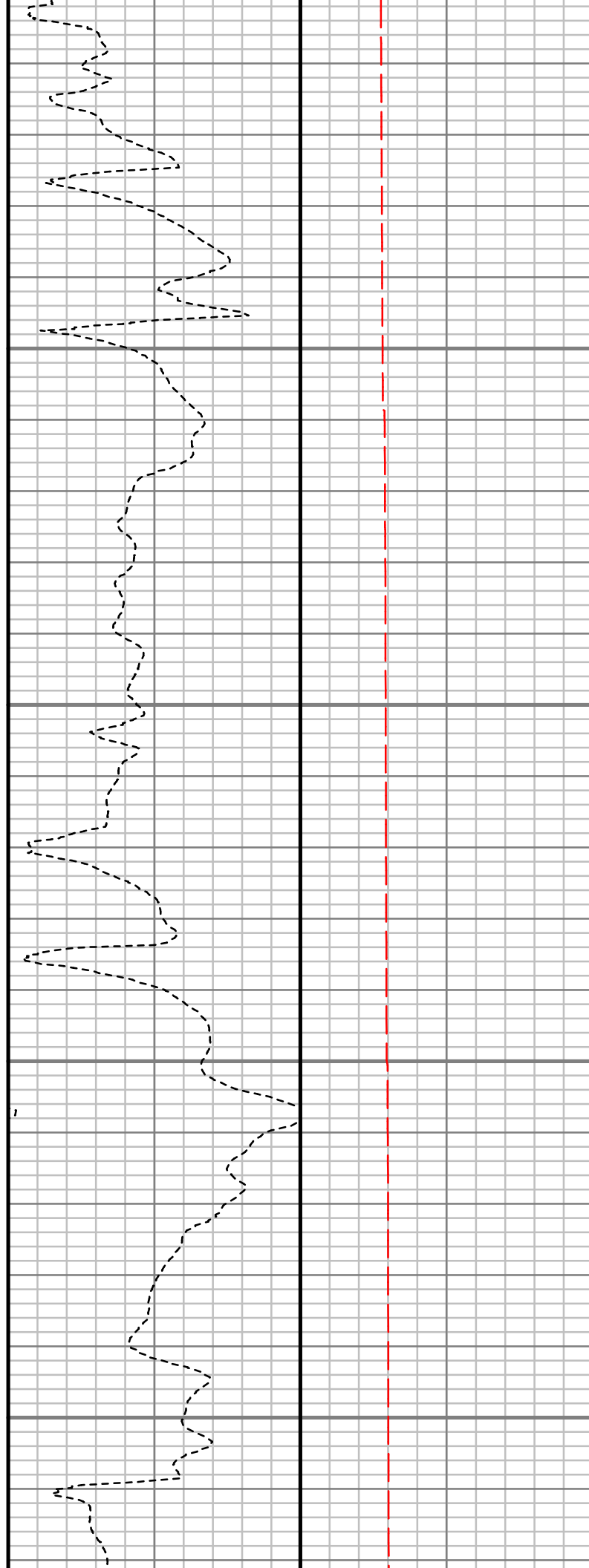
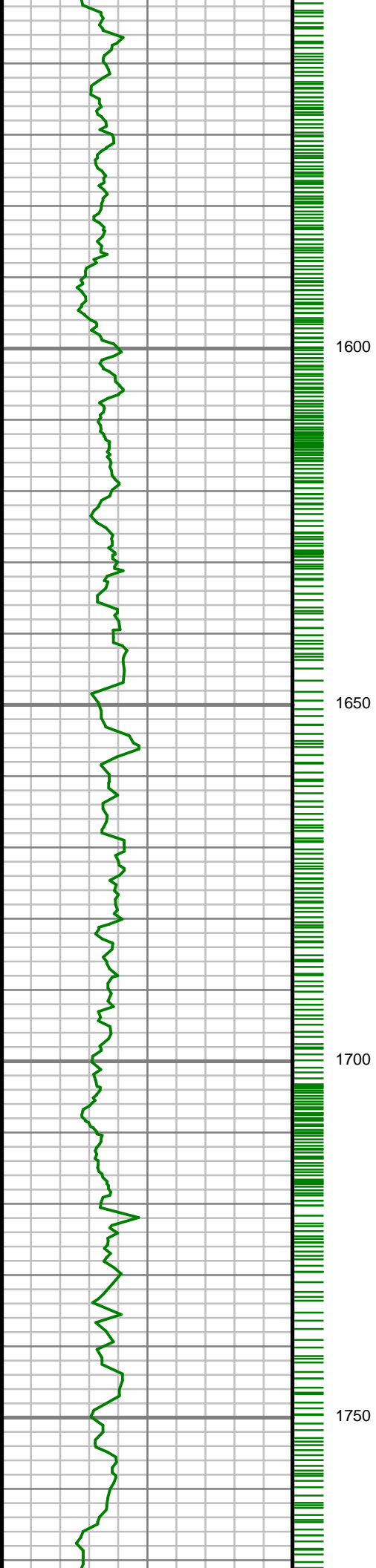
COMPANY : HIGH POINT WELL : CRITTER CREEK 15-6104BW FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-47300				COMPANY : HIGH POINT WELL : CRITTER CREEK 15-6104BW FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-47300			
DEPTH REF. : RKB REF. HEIGHT : 16.500 ft GROUND LEVEL : 5242.300 ft				WELL LOCATION LAT:40°54'58.474"N LONG:104°25'27.368"W N:1578442.65 ft E:3297313.31 ft SEC:15 TWP:11N RANGE:63W			
BOREHOLE RECORD HOLE SIZE in FROM ft TO ft 12 0 1549 8.75 1549 7910 6.125 7910 17886				OTHER SERVICES NAD83 INCLINATION deg FROM ft TO ft 0-22 0 3932 22-0 3932 5806 0-90 5806 7910 90 +/- 3 7910 17886			
DEVIATION RECORD RKB to Ground Level G.I. to MEAN SEA LEVEL				DIRECTIONAL ROP			
CASING RECORD CASING SIZE in FROM ft TO ft 9.625 0 1533 7 0 7877				DRILLING CO. : CADDE RIG : 24 LMD UNIT NO. : KIT MUD PUDISTRICT : CASPER SPUD DATE : 07/16/2018 LMD START DATE : 08/30/2018 LMD END DATE : 09/06/2018 DEPTH : 1500 ft DEPTH : 17835 ft TOTAL DEPTH : 17886 ft			

Run Data						
RUN NUMBER	1	2	3			
START DATE	8/30/2018	09/02/2018	09/03/2018			
START TIME	08:45	06:30	04:30			
END DATE	8/31/2018	09/03/2018	09/06/2018			
END TIME	09/01/2018	03:00	20:00			
DEPTH IN (ft)	1549	7910	9912			
DEPTH OUT (ft)	7910	9912	17886			
LOG TOP (ft)	1549	7910	9862			
LOG BOTTOM (ft)	7854	9862	17835			
HOLE SIZE (in)	8.75	6.125	6.125			
MUD DATA @ (ft)	7128	9950	17886			
MUD TYPE	WATER BASED	WATER BASED	WATER BASED			
DENSITY (lb / gal)	9.8	8.4	8.5			
VISCOSITY (s / qt)	34	28	28			
pH	7.5	7.5	7.5			
FLUID LOSS (cm3 / 30)	-	-	-			
SALINITY (mg/L)	350	200	500			
Rm (ohmm @ deg F)	-	-	-			
Rmf (ohmm @ deg F)	-	-	-			
MAX TEMP (deg F)	180	203	255			
Rm @ MAX TEMP (ohmm)	-	-	-			
LWD ENGINEER #1	J. PARISEE	J. PARISEE	J. PARISEE			
LWD ENGINEER #2	M. BAILY	M. BAILY	M. BAILY			
LWD ENGINEER #3	M. OGLESBY	M. POTTER	-			
LOG WTINNESS #1	D. MOORE	D. MOORE	D. MOORE			
LOG WTINNESS #2						

Remarks
HIGH POINT RESOURCES AFE# 20196D
SCIENTIFIC DRILLING INTERNATIONAL JOB#
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
RUN #1: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER=128-384 / CONTROLLER=323 / MWD EYE=1405 / GAMMA RAY=1272
BIT TO SENSOR OFFSETS: MWD EYE=59.66 FT. / GAMMA RAY=55.96 FT.
RUN #2: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER=78-321 / CONTROLLER=275 / MWD EYE=1716 / GAMMA RAY=1180
BIT TO SENSOR OFFSETS: MWD EYE=54.73 FT. / GAMMA RAY= 50.73 FT.
RUN #3: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER=78-124 / CONTROLLER=323 / MWD EYE=1405 / GAMMA RAY=1272
BIT TO SENSOR OFFSETS: MWD EYE=54.73 FT. / GAMMA RAY= 50.73 FT.
MNEMONICS LIST:
GR = GAMMA RAY
ROP = RATE OF PENETRATION
T-TEMP = TOOL TEMPERATURE

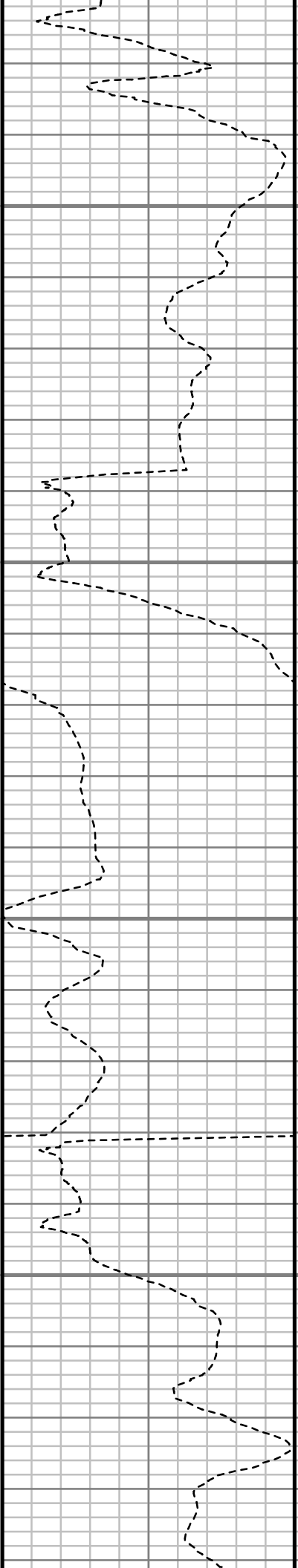
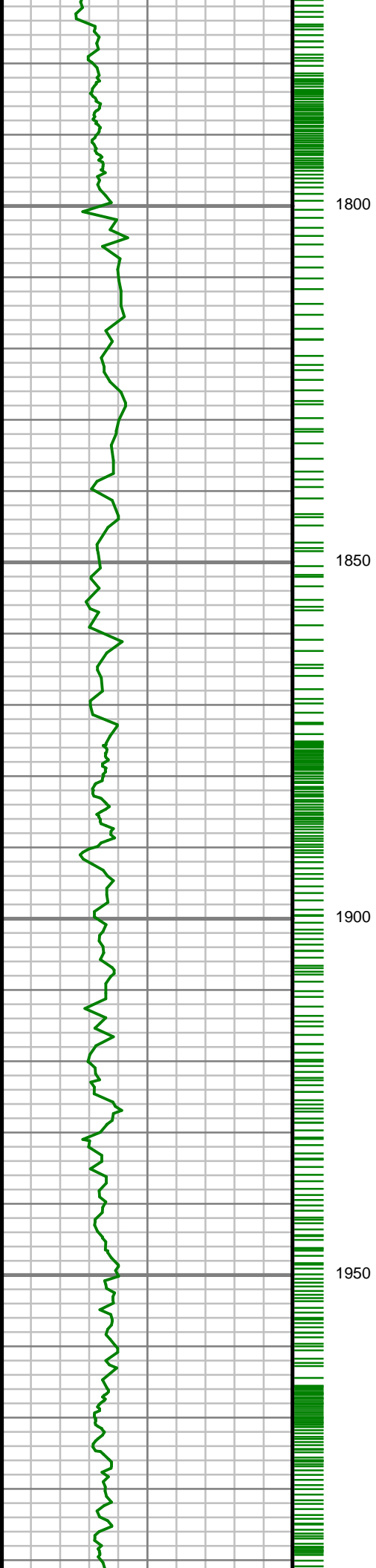
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.





S: 1 MD: 1608.00 ft
Inc: 5.60 deg Az:
121.93 deg TVD:
1604.83 ft

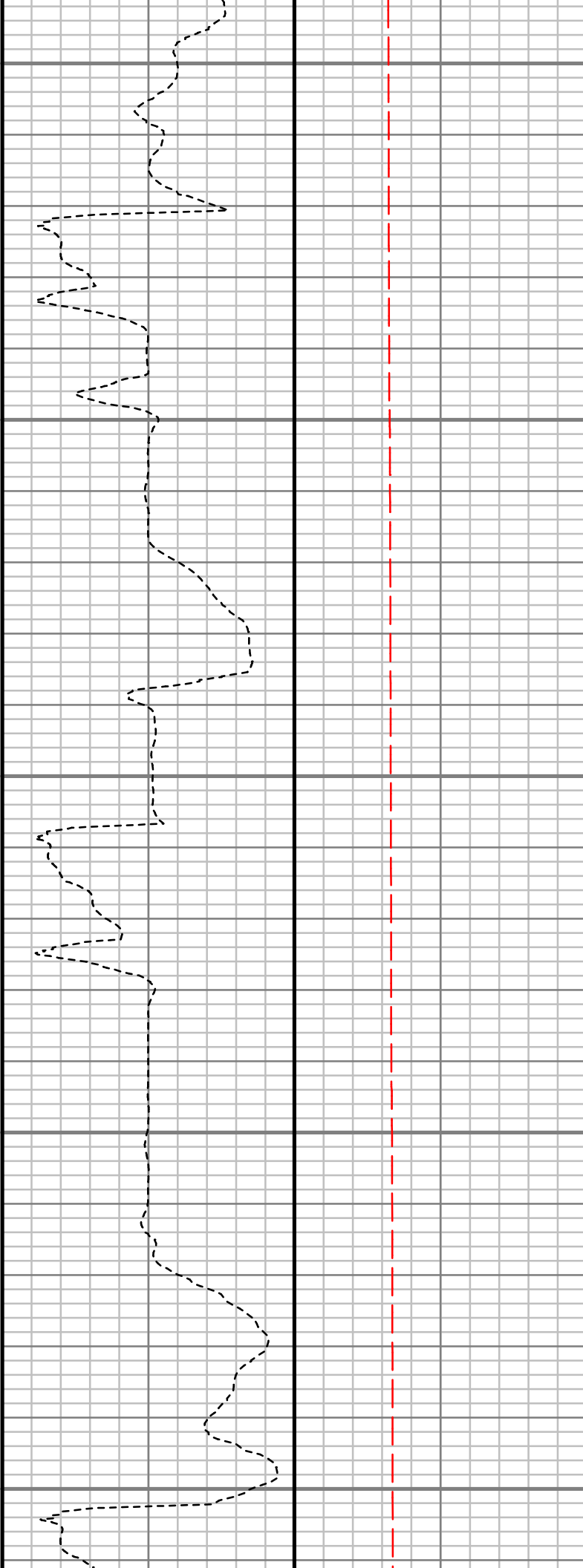
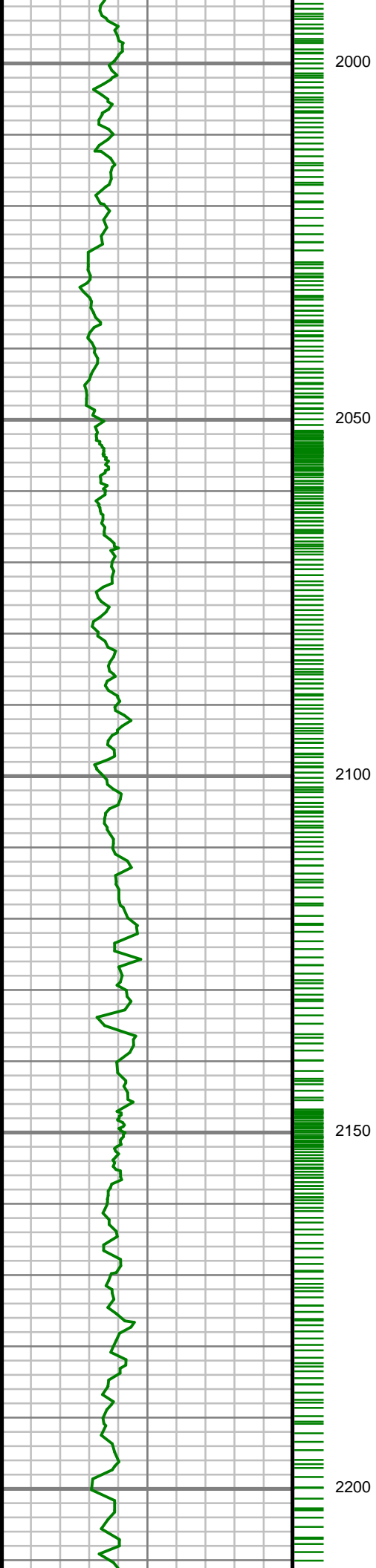
S: 2 MD: 1699.00 ft
Inc: 7.76 deg Az:
127.86 deg TVD:
1695.20 ft



S: 3 MD: 1791.00 ft
Inc: 9.91 deg Az:
120.37 deg TVD:
1786.11 ft

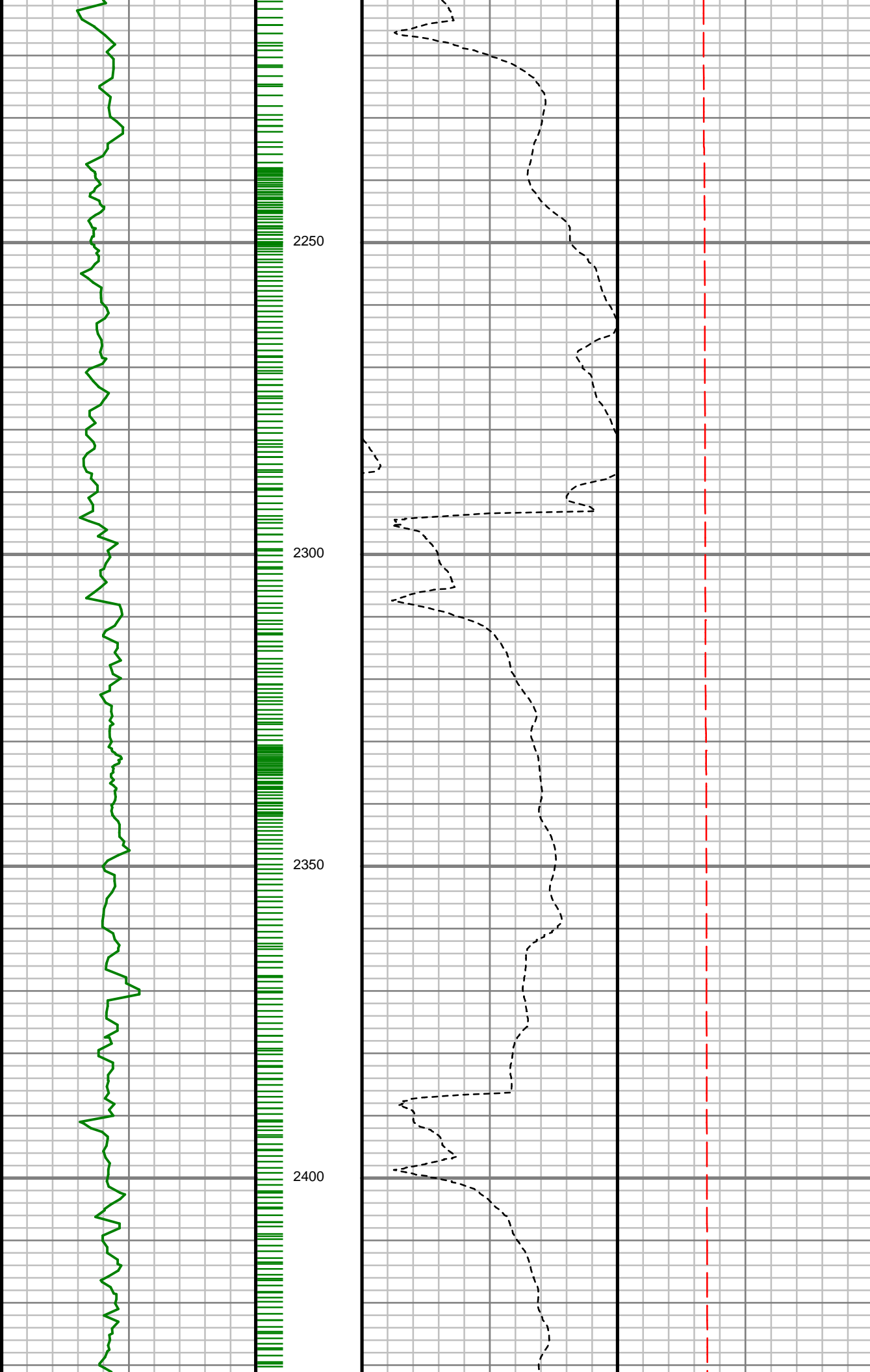
S: 4 MD: 1882.00 ft
Inc: 11.63 deg Az:
125.10 deg TVD:
1875.50 ft

S: 5 MD: 1972.00 ft
Inc: 12.96 deg Az:
128.66 deg TVD:
1963.44 ft



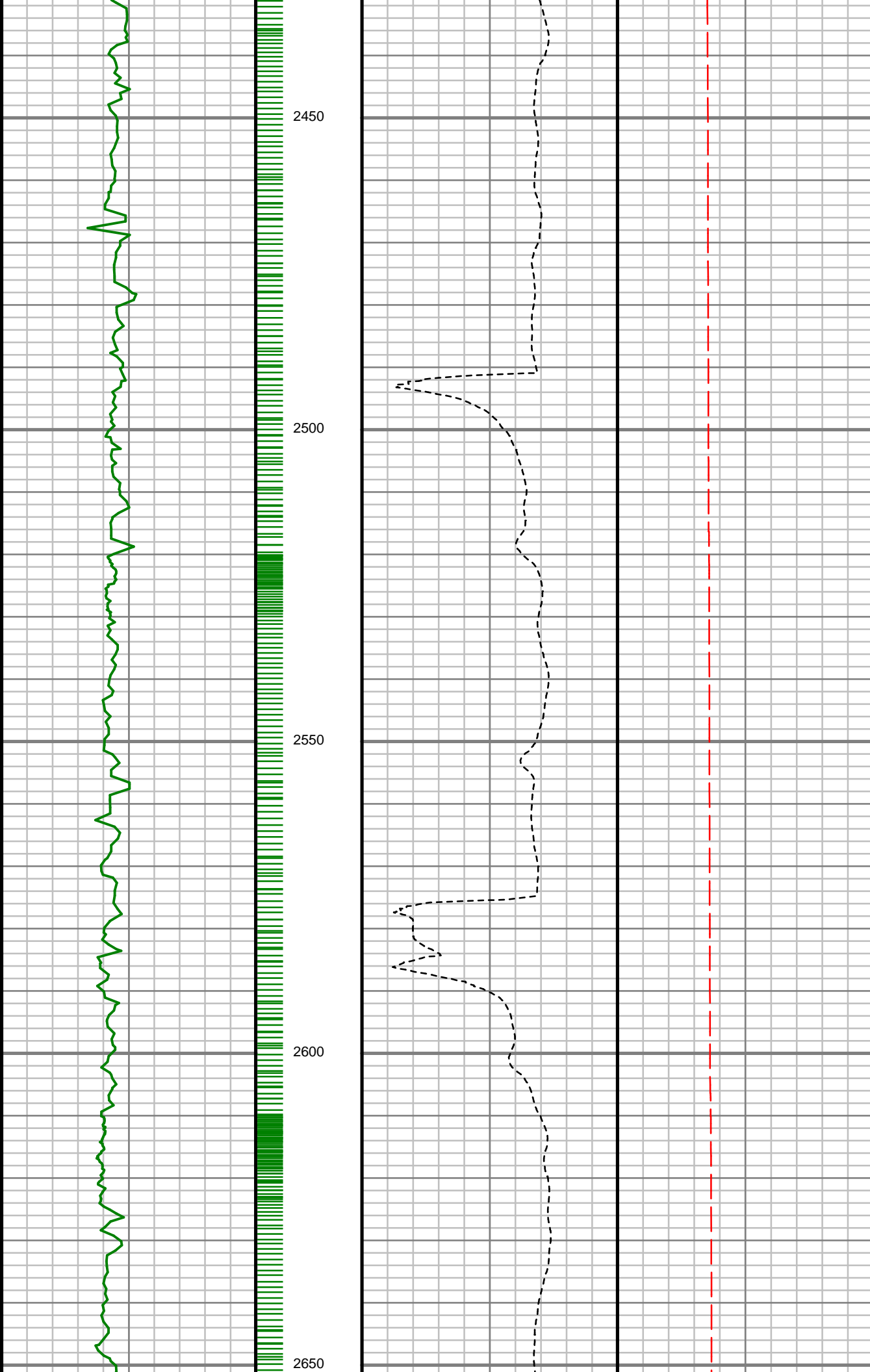
S: 6 MD: 2063.00 ft
Inc: 14.83 deg Az:
131.12 deg TVD:
2051.77 ft

S: 7 MD: 2155.00 ft
Inc: 17.00 deg Az:
133.13 deg TVD:
2140.24 ft



S: 8 MD: 2246.00 ft
Inc: 18.51 deg Az:
131.95 deg TVD:
2226.90 ft

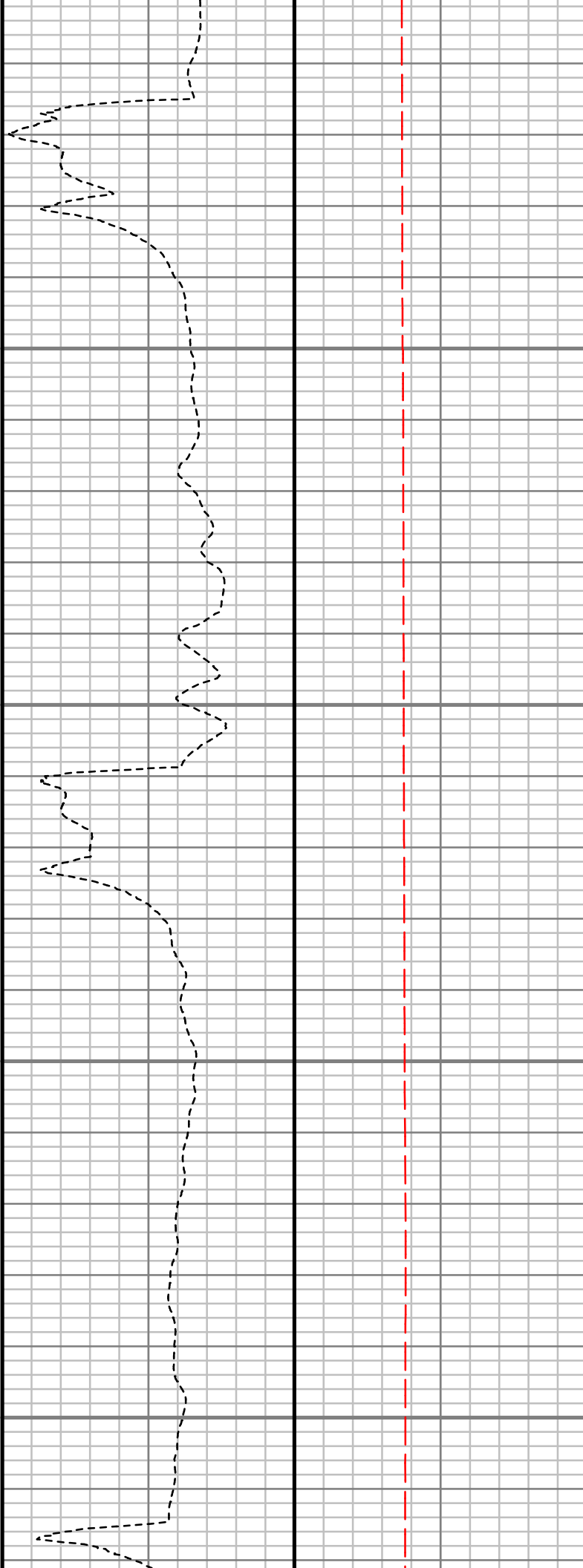
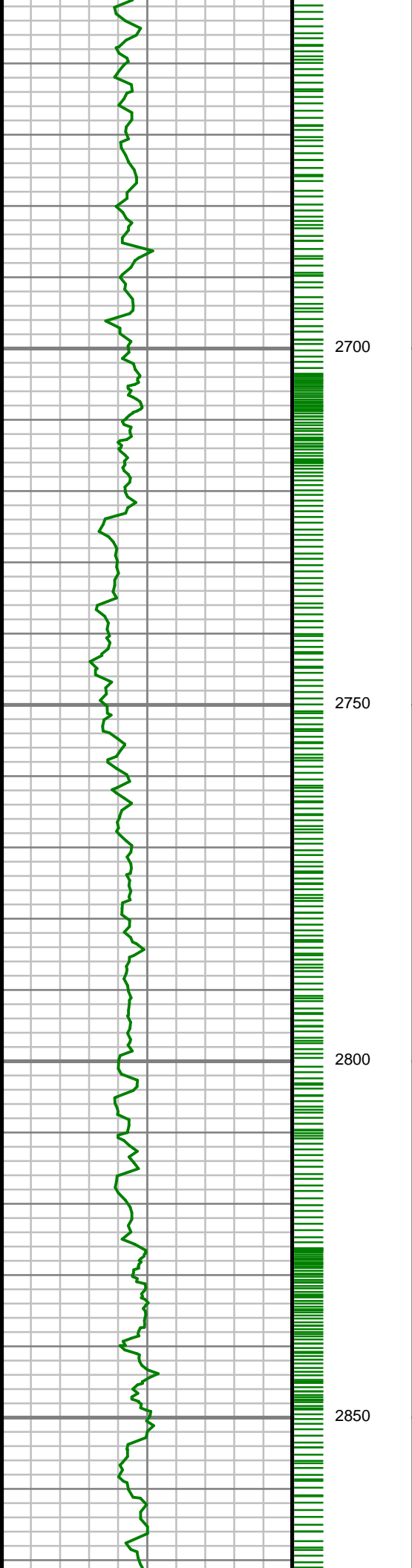
S: 9 MD: 2338.00 ft
Inc: 19.59 deg Az:
129.58 deg TVD:
2313.86 ft



S: 10 MD: 2432.00 ft
Inc: 19.79 deg Az:
123.40 deg TVD:
2402.38 ft

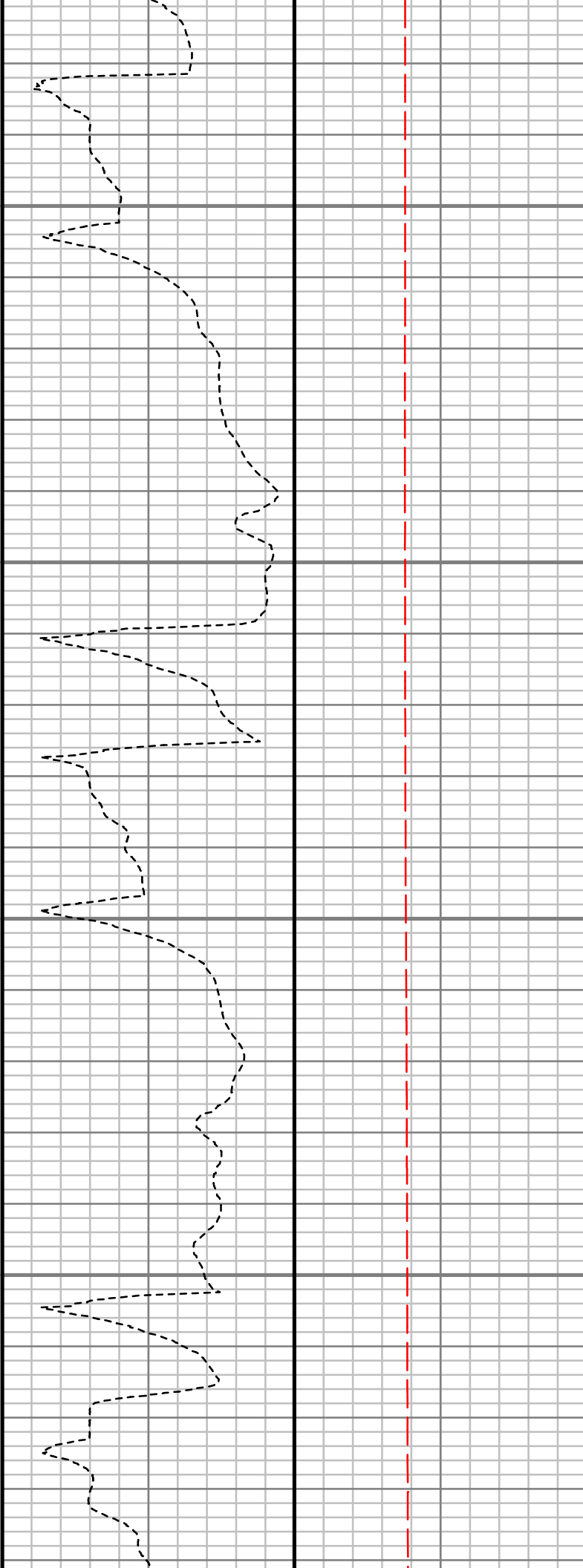
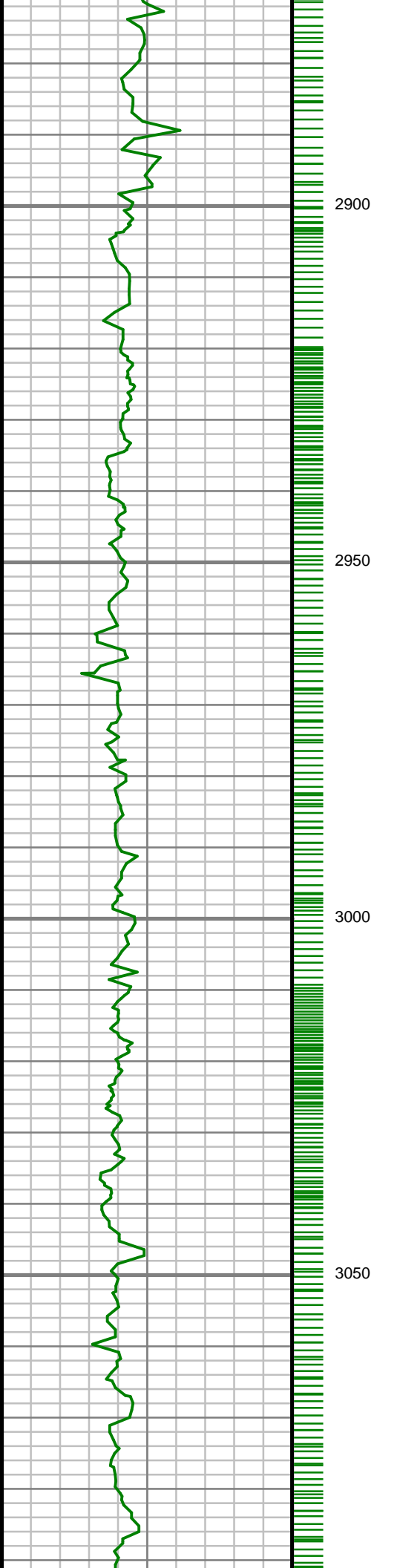
S: 11 MD: 2525.00 ft
Inc: 18.65 deg Az:
116.44 deg TVD:
2490.20 ft

S: 12 MD: 2619.00 ft
Inc: 19.21 deg Az:
114.35 deg TVD:
2579.12 ft



S: 13 MD: 2712.00 ft
Inc: 18.93 deg Az:
111.73 deg TVD:
2667.02 ft

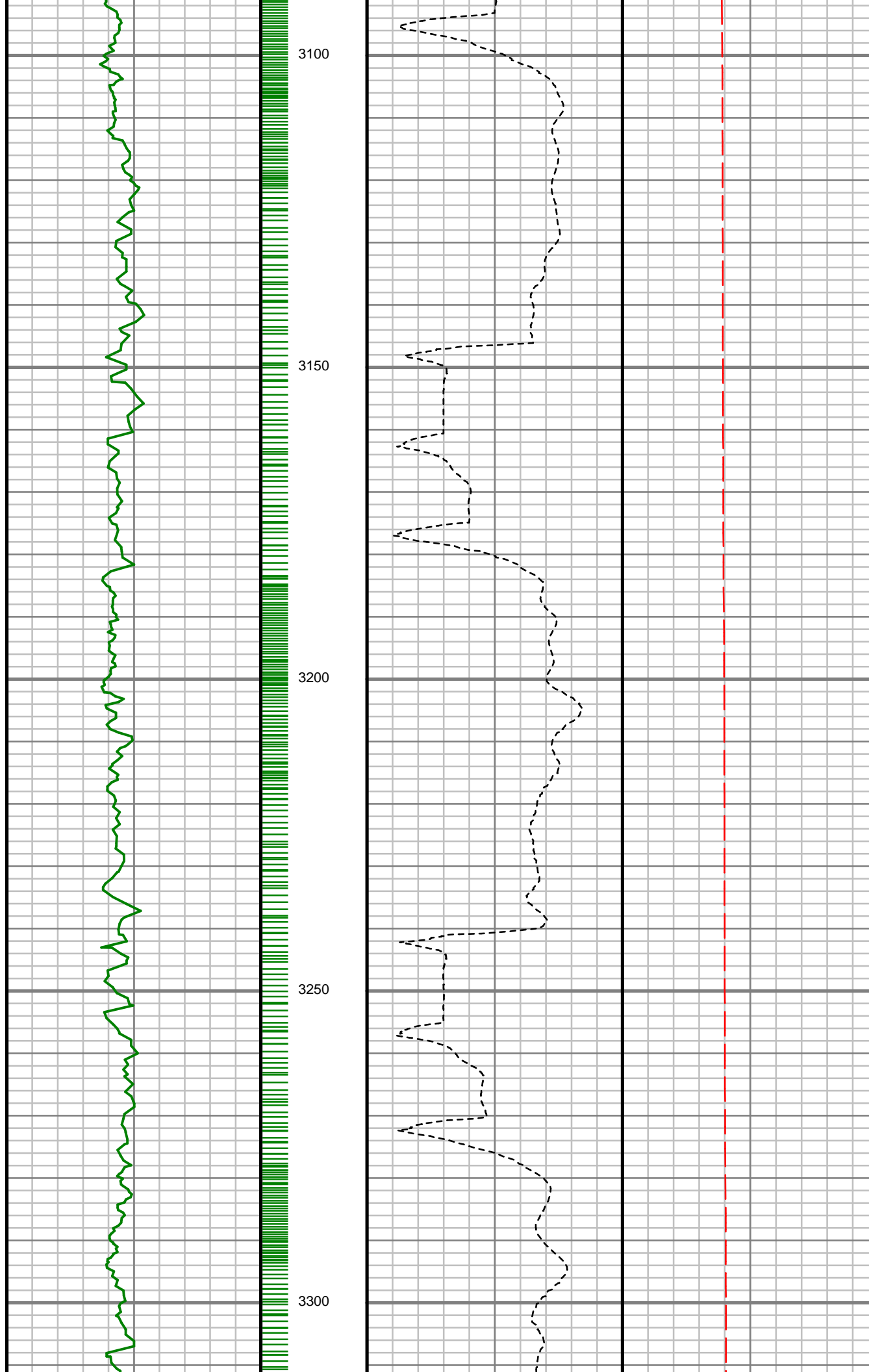
S: 14 MD: 2806.00 ft
Inc: 19.06 deg Az:
114.30 deg TVD:
2755.90 ft



S: 15 MD: 2899.00 ft
Inc: 18.04 deg Az:
113.06 deg TVD:
2844.07 ft

S: 16 MD: 2993.00 ft
Inc: 17.92 deg Az:
119.06 deg TVD:
2933.49 ft

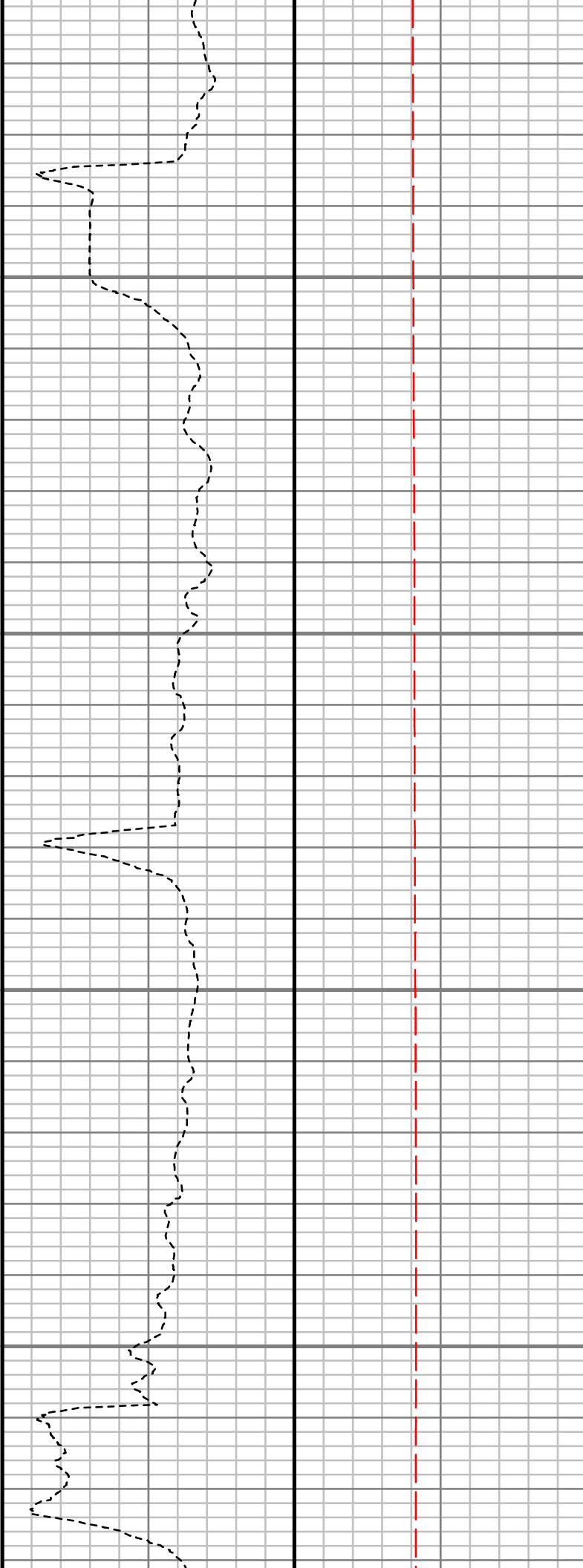
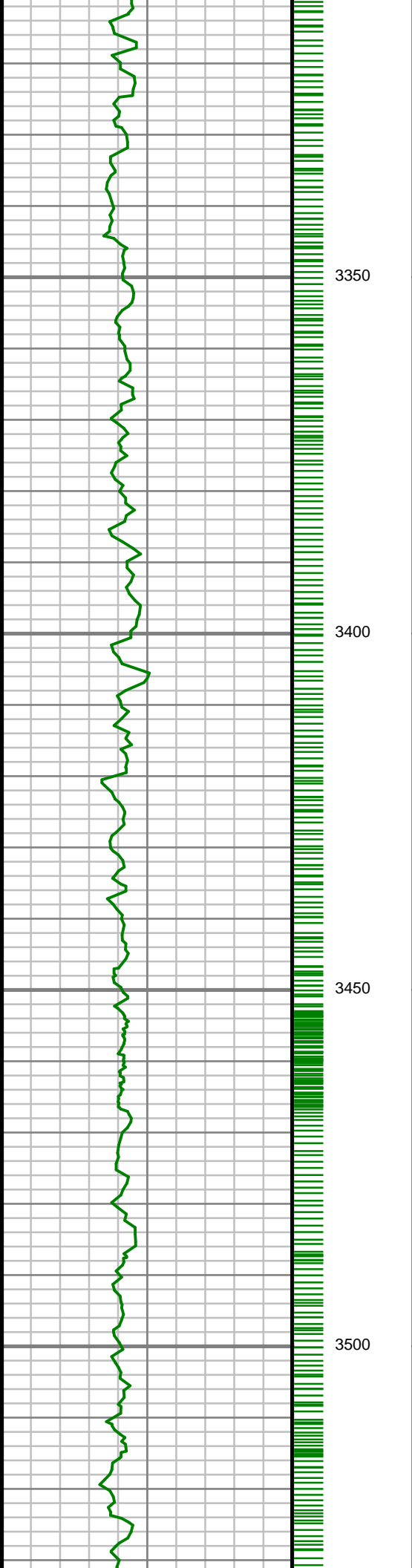
S: 17 MD: 3087.00 ft
Inc: 19.23 deg Az:



125.14 deg Az:
3022.59 ft

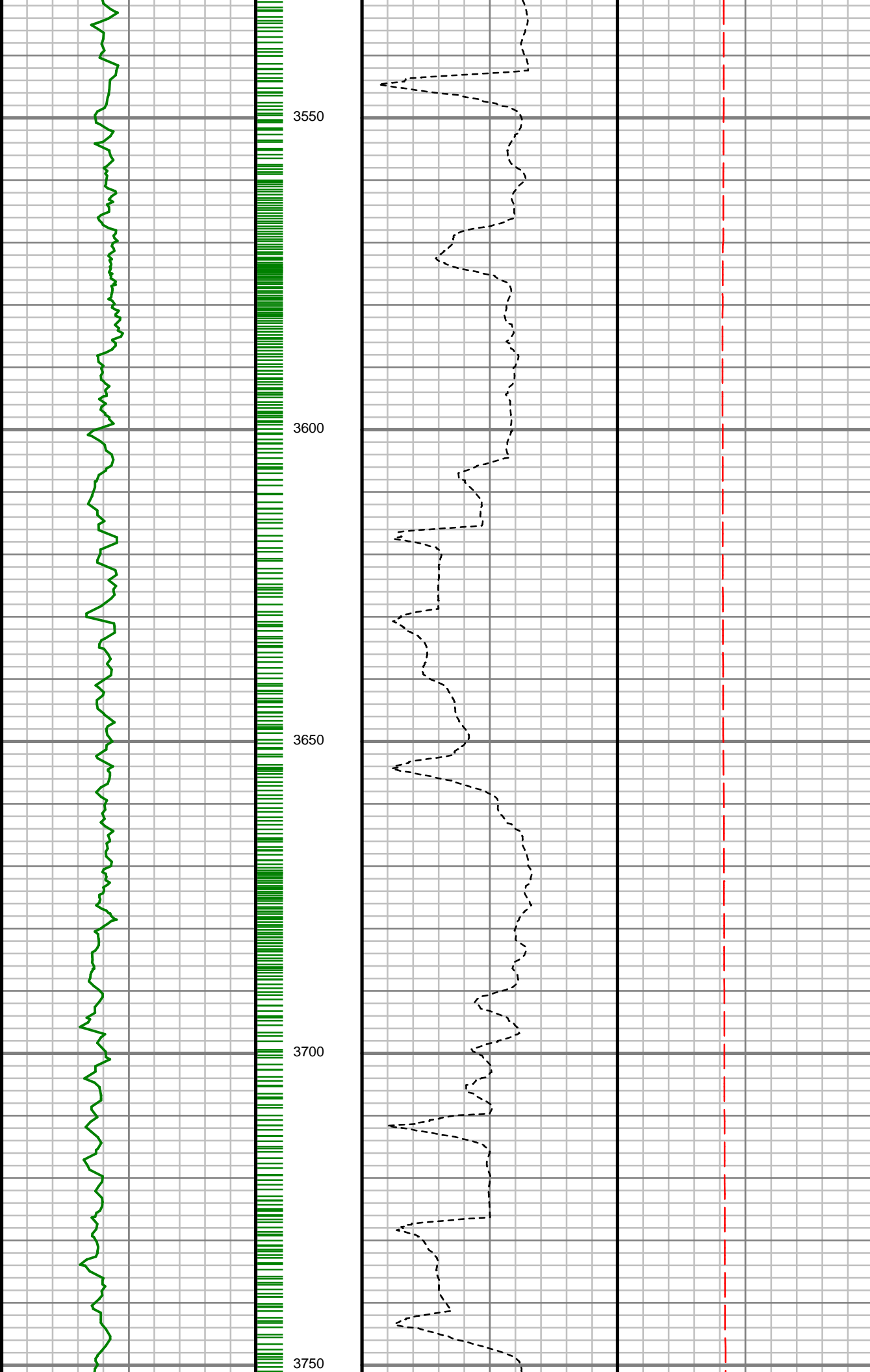
S: 18 MD: 3180.00 ft
Inc: 20.14 deg Az:
125.87 deg TVD:
3110.16 ft

S: 19 MD: 3274.00 ft
Inc: 21.60 deg Az:
126.86 deg TVD:
3197.98 ft



S: 20 MD: 3369.00 ft
Inc: 20.92 deg Az:
124.41 deg TVD:
3286.52 ft

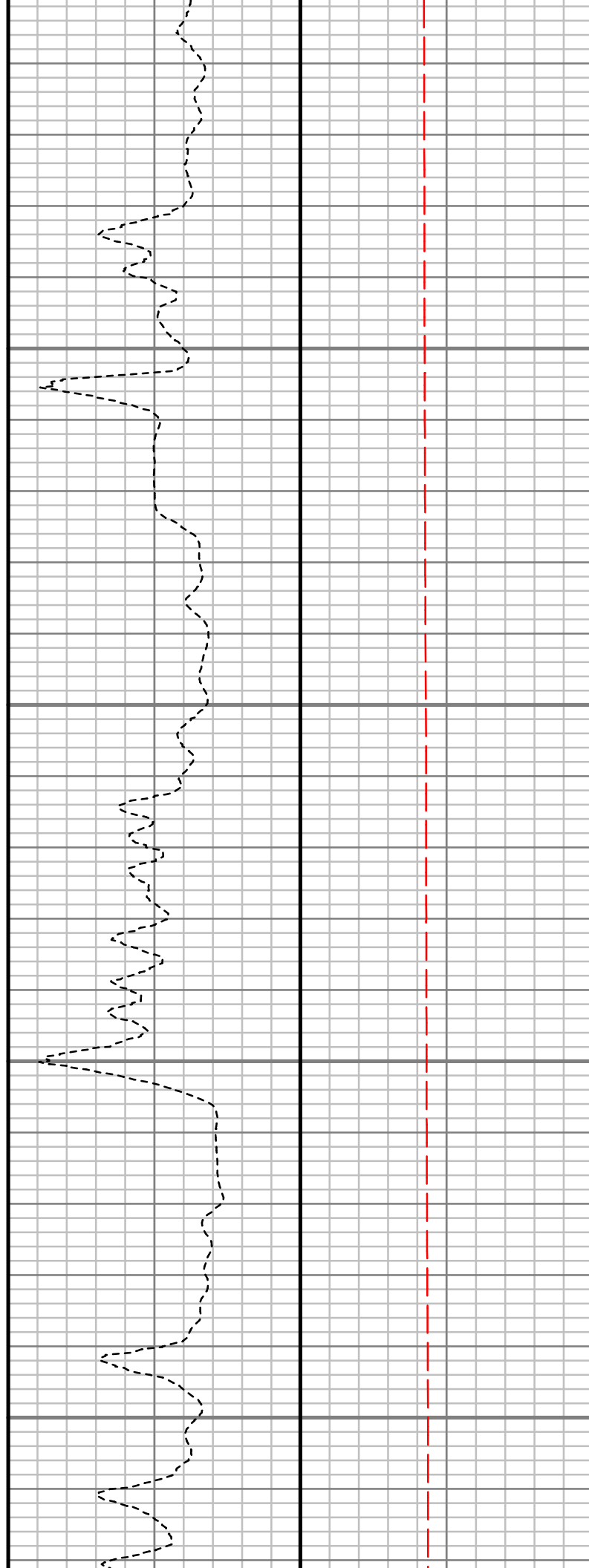
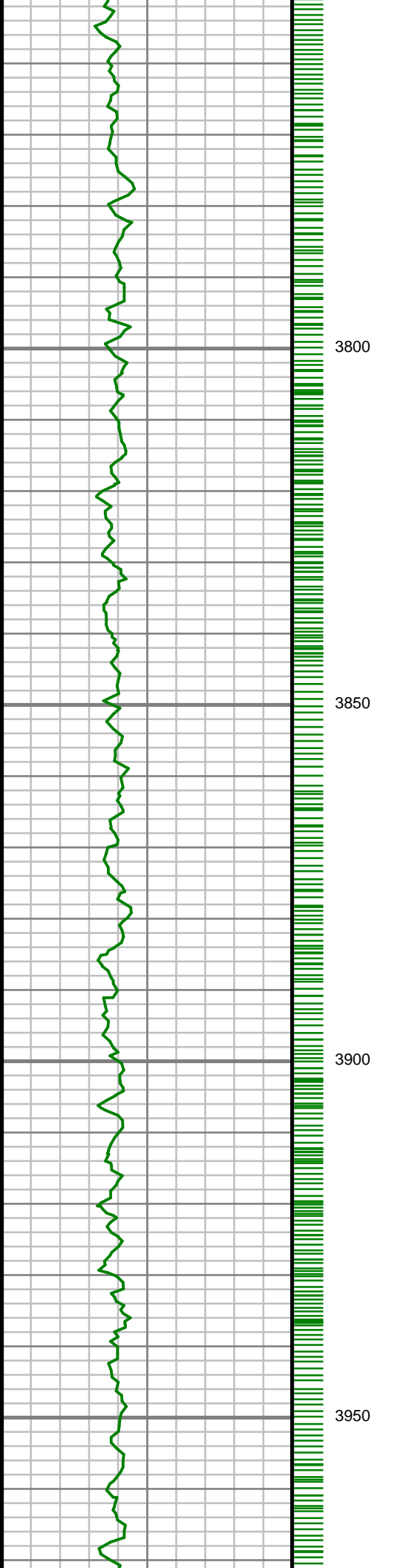
S: 21 MD: 3463.00 ft
Inc: 20.54 deg Az:
121.78 deg TVD:
3374.44 ft



S: 22 MD: 3556.00 ft
Inc: 19.04 deg Az:
122.39 deg TVD:
3461.94 ft

S: 23 MD: 3651.00 ft
Inc: 20.07 deg Az:
128.82 deg TVD:
3551.47 ft

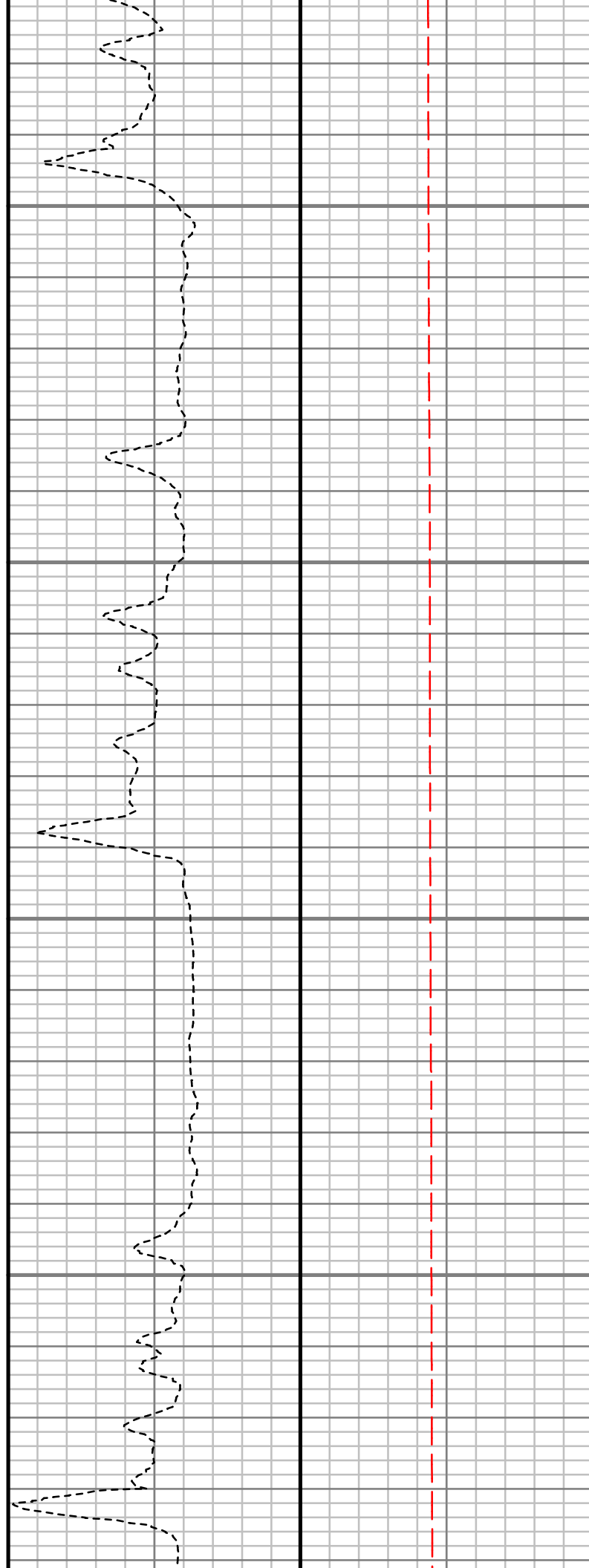
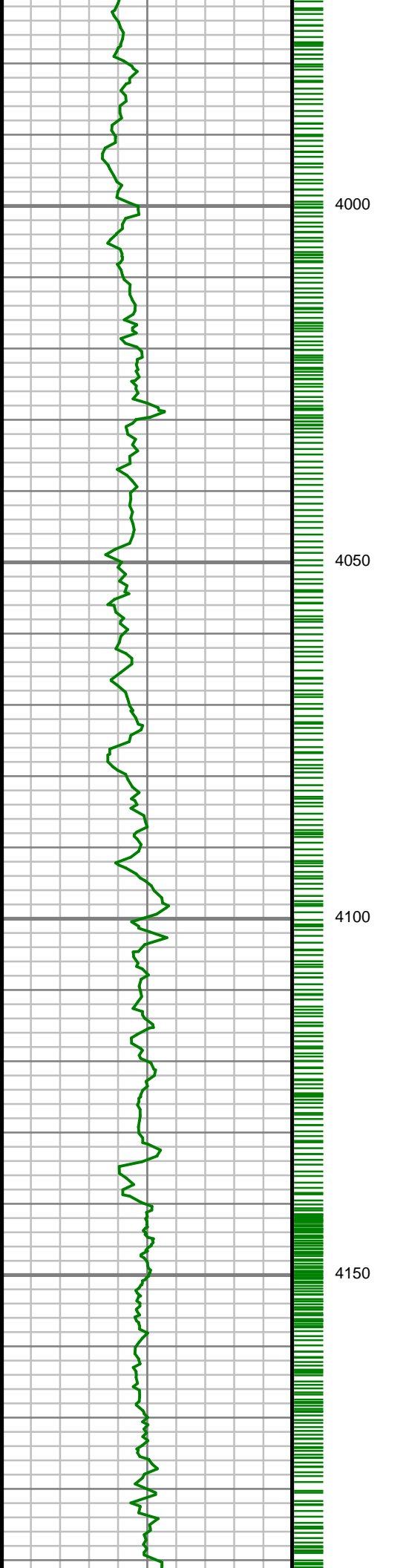
S: 24 MD: 3744.00 ft
Inc: 21.62 deg Az:
134.93 deg TVD:



3638.39 ft

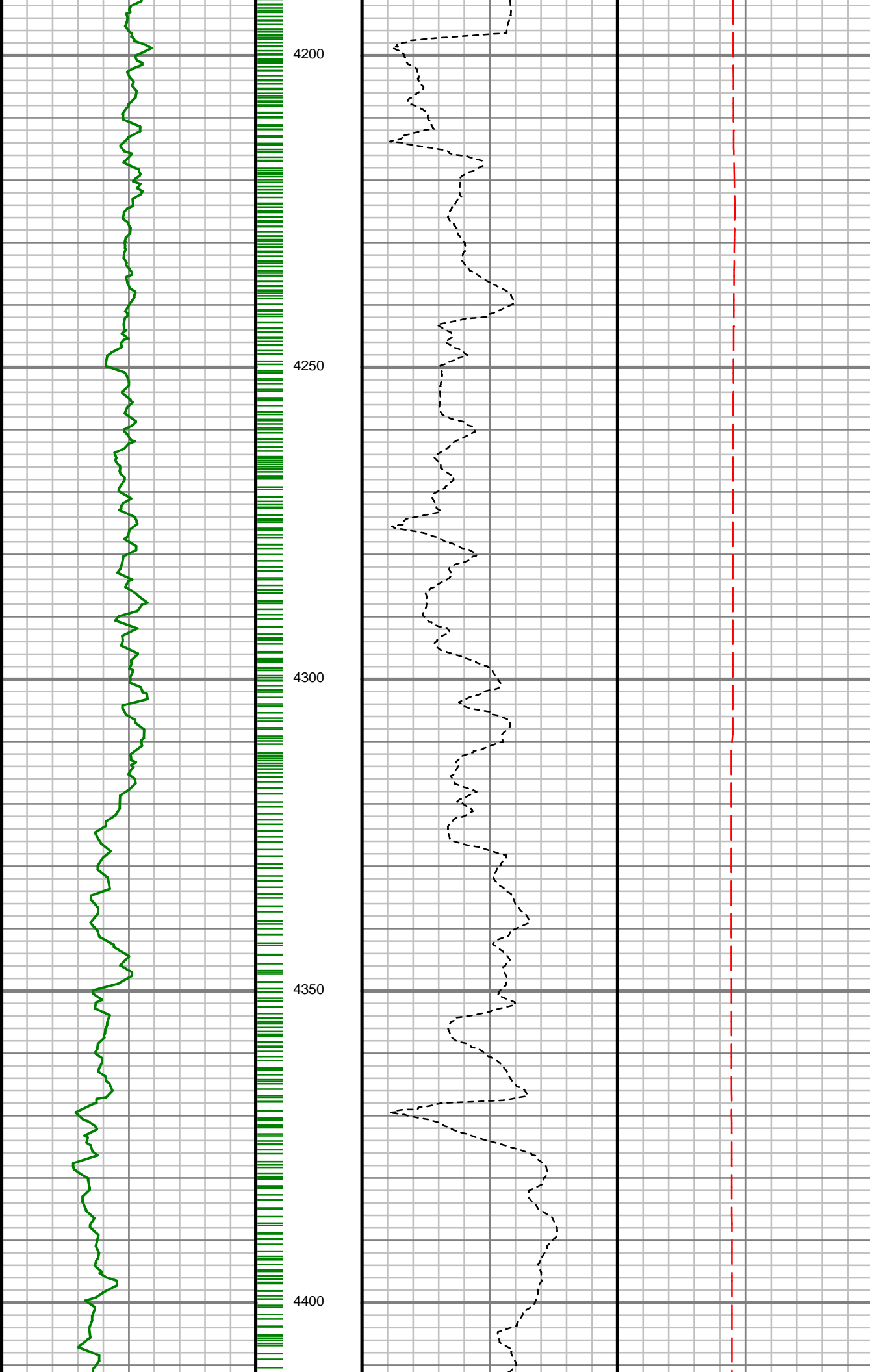
S: 25 MD: 3839.00 ft
Inc: 21.55 deg Az:
134.03 deg TVD:
3726.73 ft

S: 26 MD: 3932.00 ft
Inc: 21.73 deg Az:
133.67 deg TVD:
3813.18 ft



S: 27 MD: 4026.00 ft
Inc: 21.63 deg Az:
130.84 deg TVD:
3900.53 ft

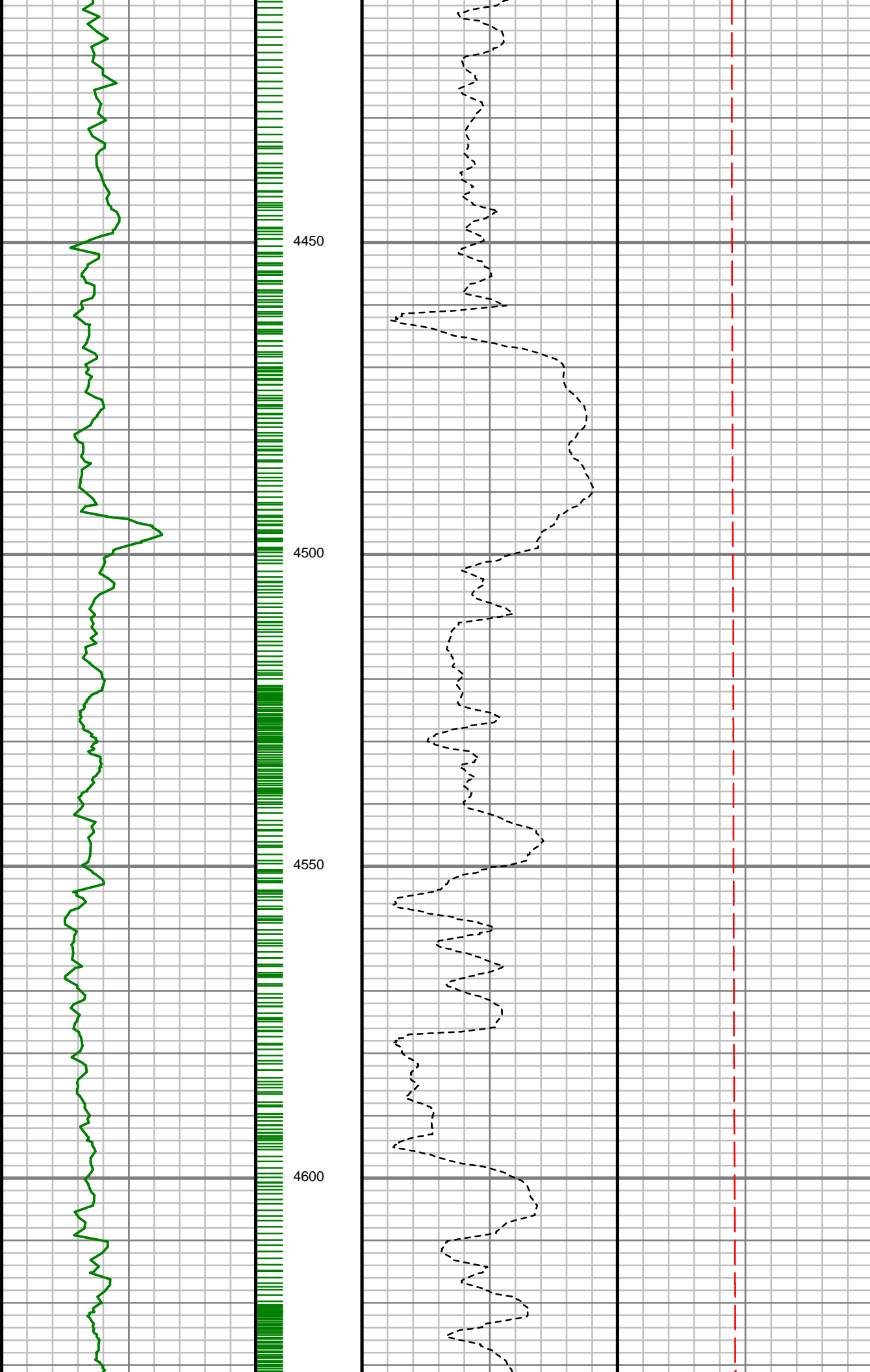
S: 28 MD: 4120.00 ft
Inc: 20.51 deg Az:
128.26 deg TVD:
3988.24 ft



S: 29 MD: 4214.00 ft
Inc: 20.44 deg Az:
128.89 deg TVD:
4076.30 ft

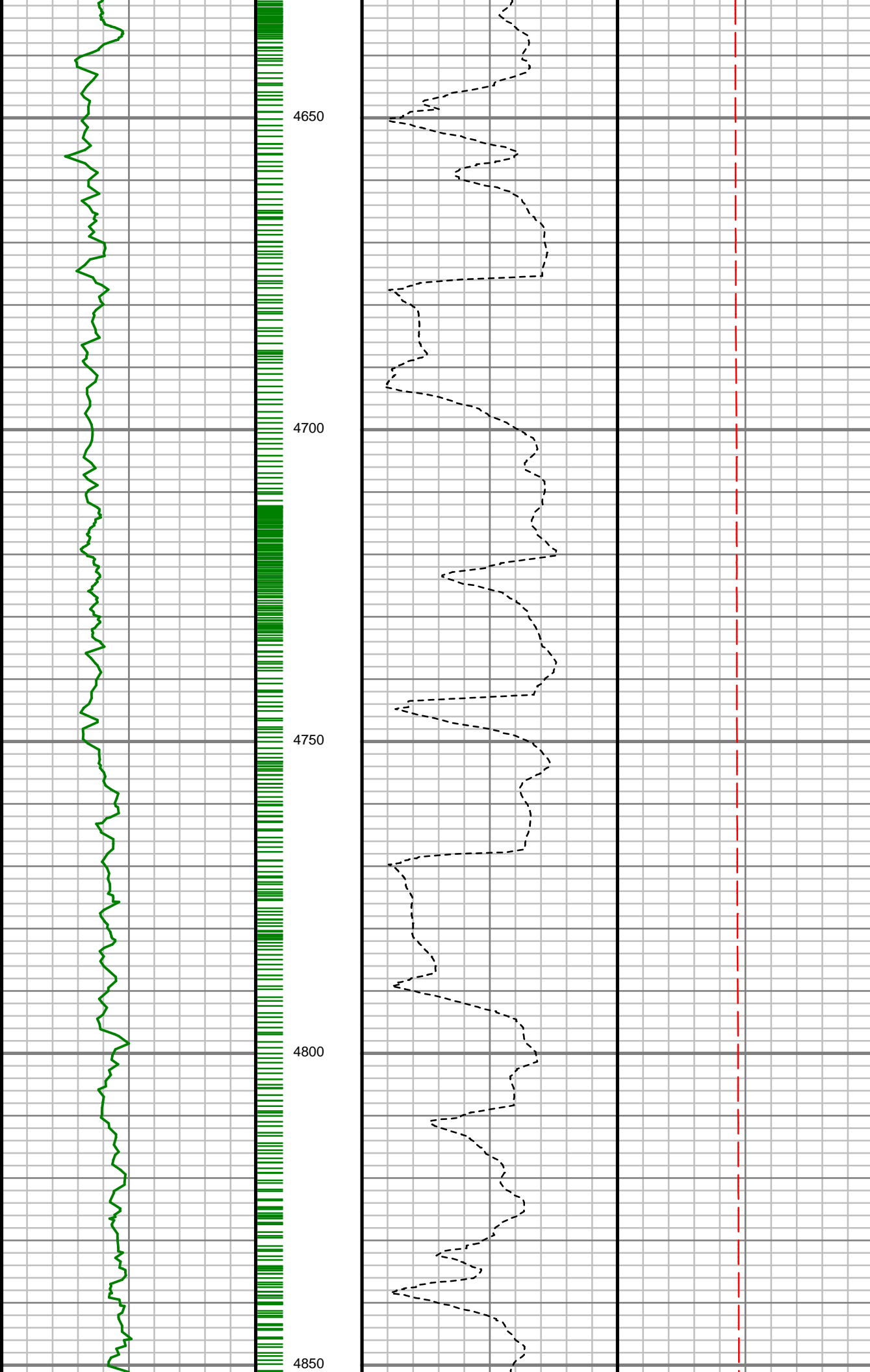
S: 30 MD: 4308.00 ft
Inc: 19.46 deg Az:
127.80 deg TVD:
4164.66 ft

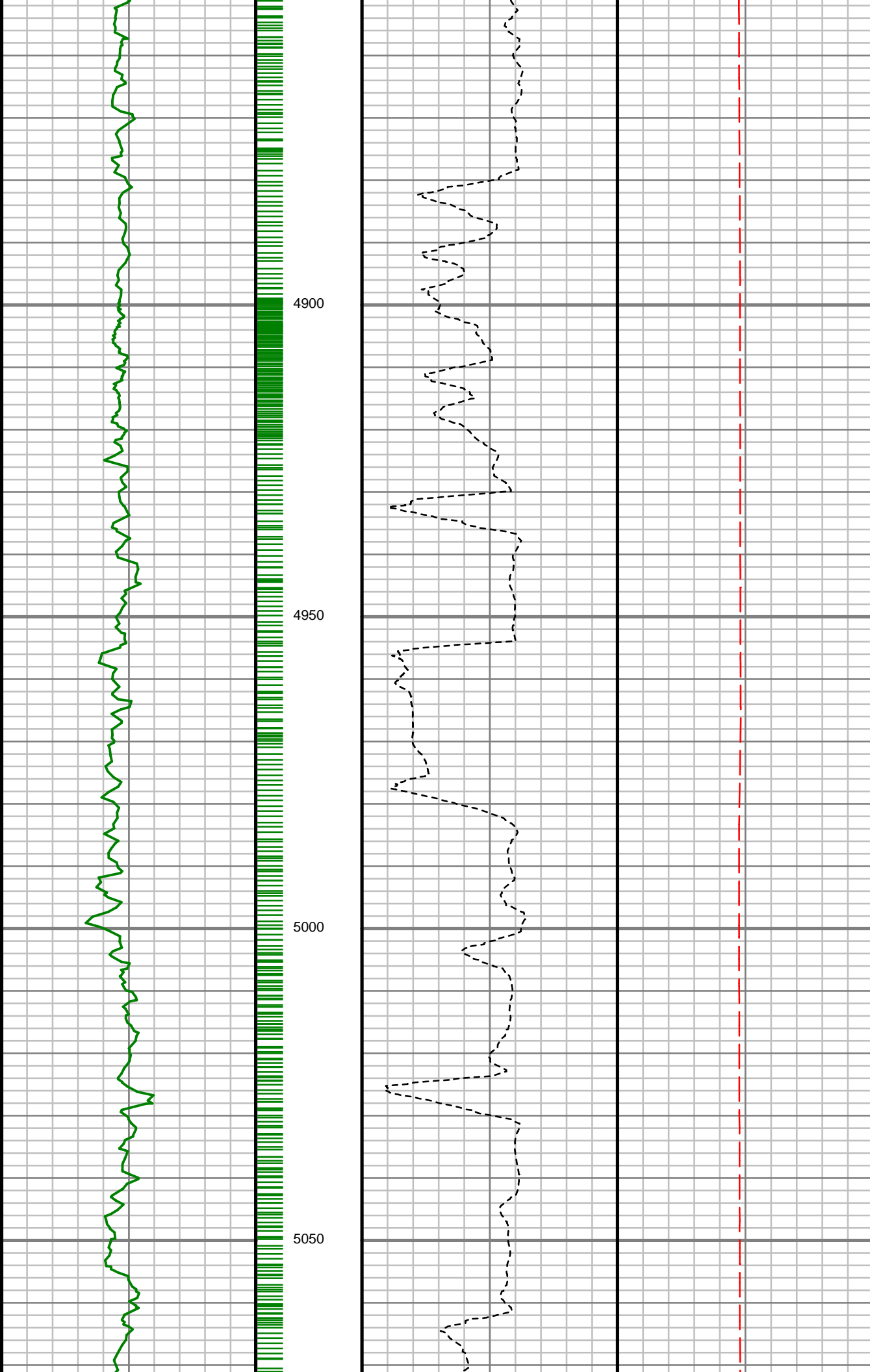
S: 31 MD: 4401.00 ft
Inc: 20.09 deg Az:
128.10 deg TVD:
4252.18 ft



S: 32 MD: 4495.00 ft
Inc: 21.54 deg Az:
126.93 deg TVD:
4340.04 ft

S: 33 MD: 4589.00 ft
Inc: 20.90 deg Az:
129.43 deg TVD:
4427.67 ft

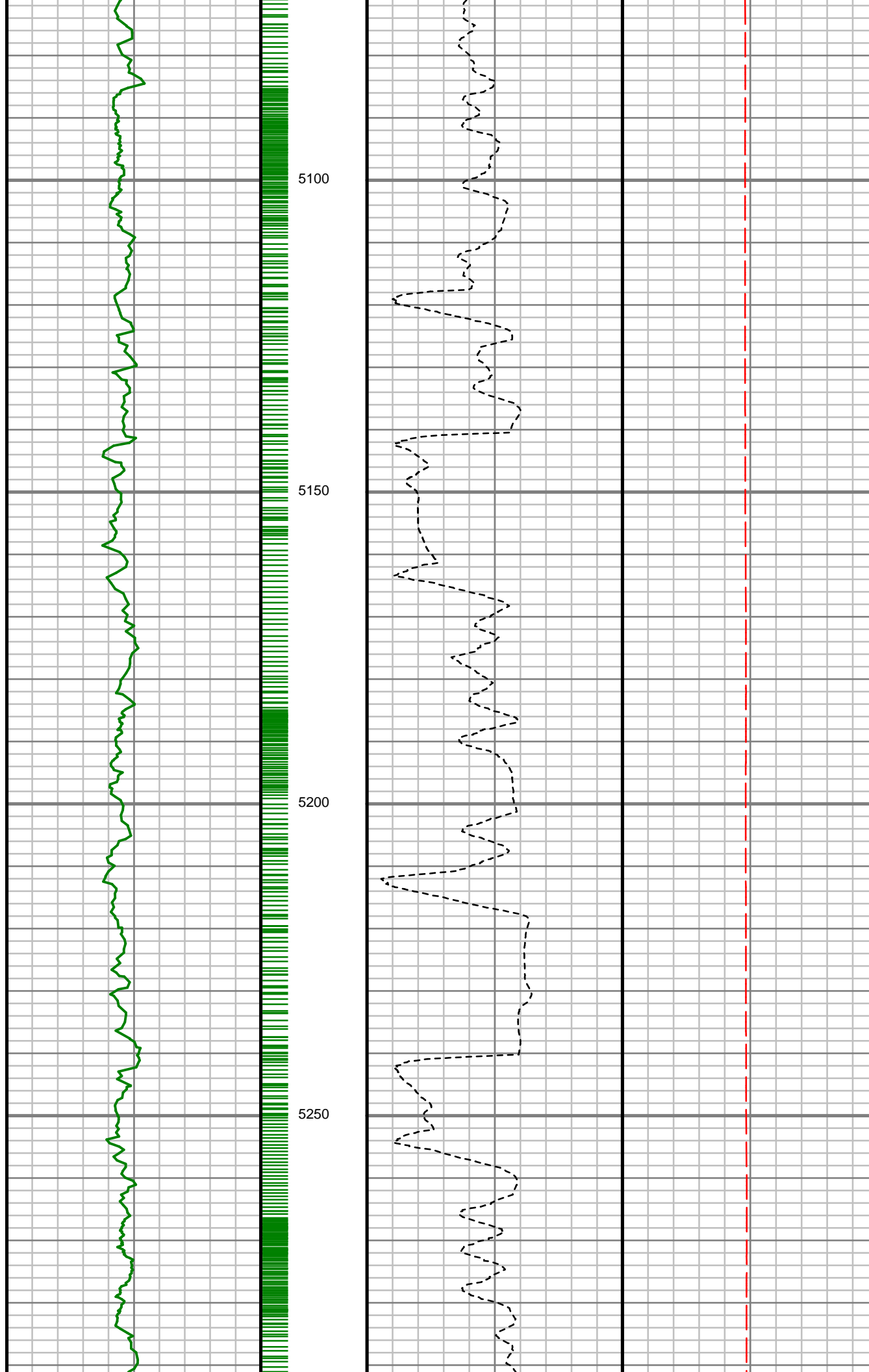




S: 36 MD: 4870.00 ft
Inc: 16.78 deg Az:
134.71 deg TVD:
4693.83 ft

S: 37 MD: 4964.00 ft
Inc: 14.64 deg Az:
132.87 deg TVD:
4784.32 ft

S: 38 MD: 5057.00 ft
Inc: 13.33 deg Az:
129.53 deg TVD:
4874.56 ft



5100

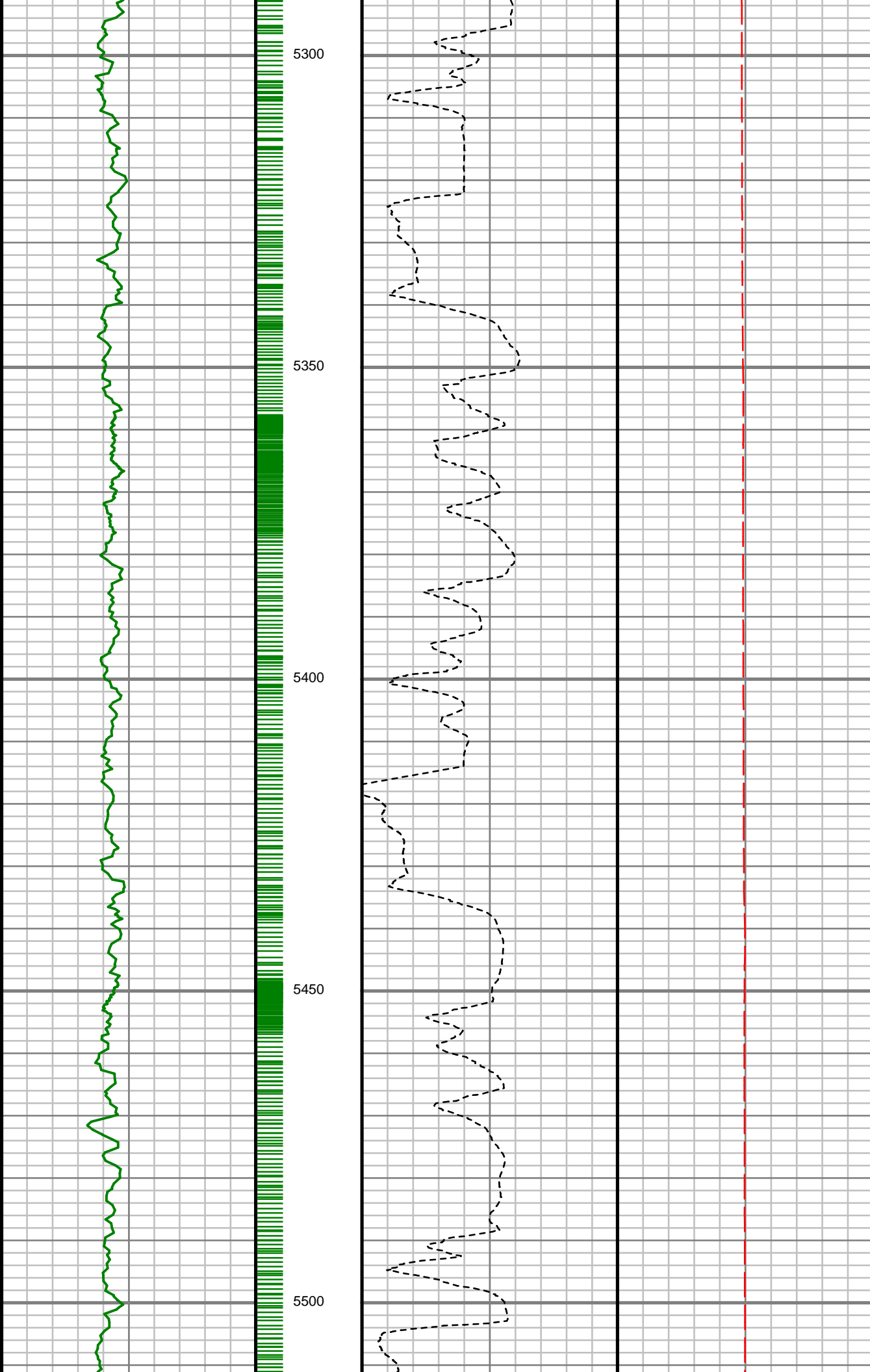
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5200

5250

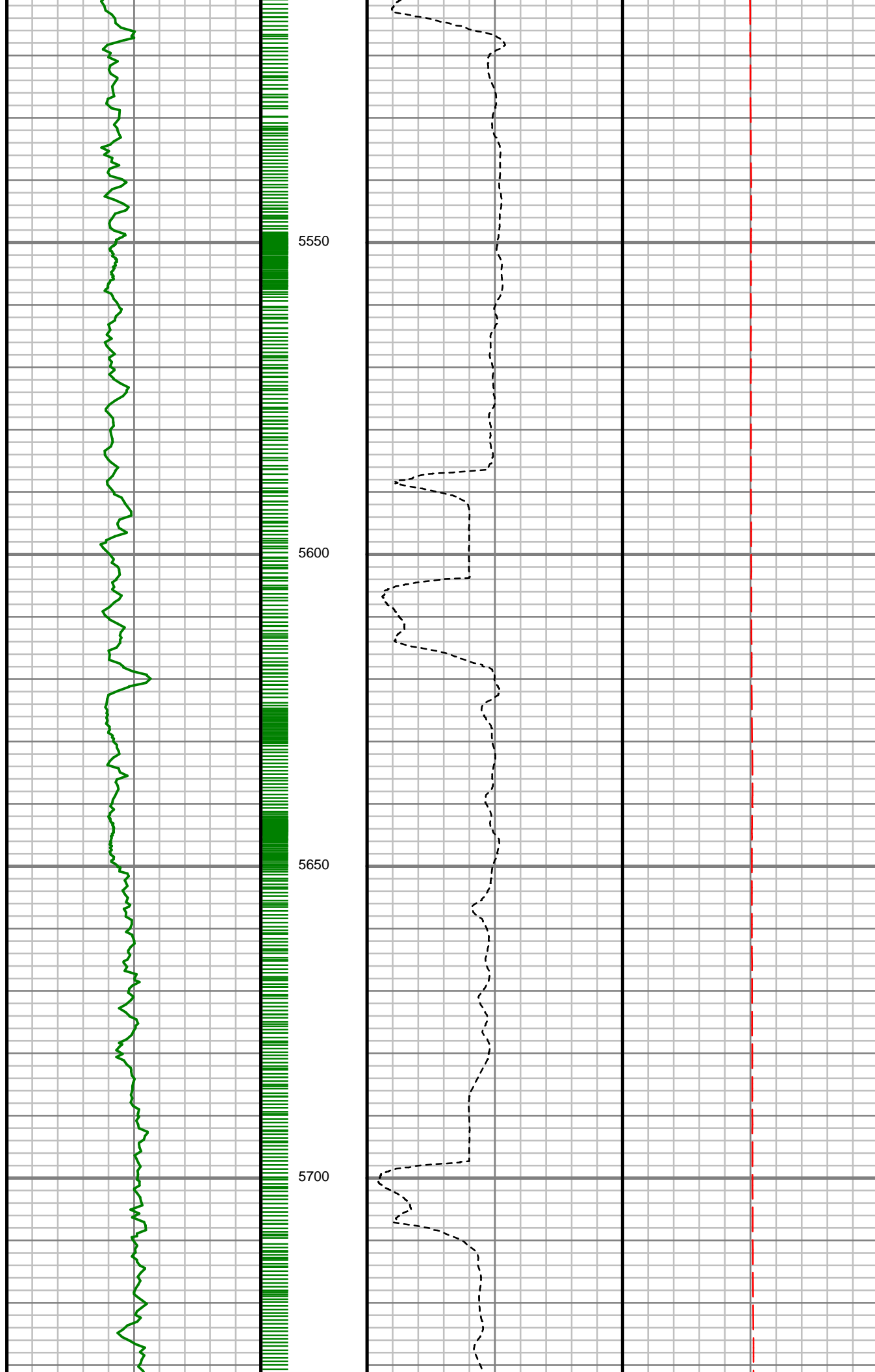
S: 39 MD: 5151.00 ft
Inc: 11.33 deg Az:
127.94 deg TVD:
4966.39 ft

S: 40 MD: 5245.00 ft
Inc: 9.43 deg Az:
123.23 deg TVD:
5058.85 ft



S: 41 MD: 5338.00 ft
Inc: 6.51 deg Az:
121.25 deg TVD:
5150.94 ft

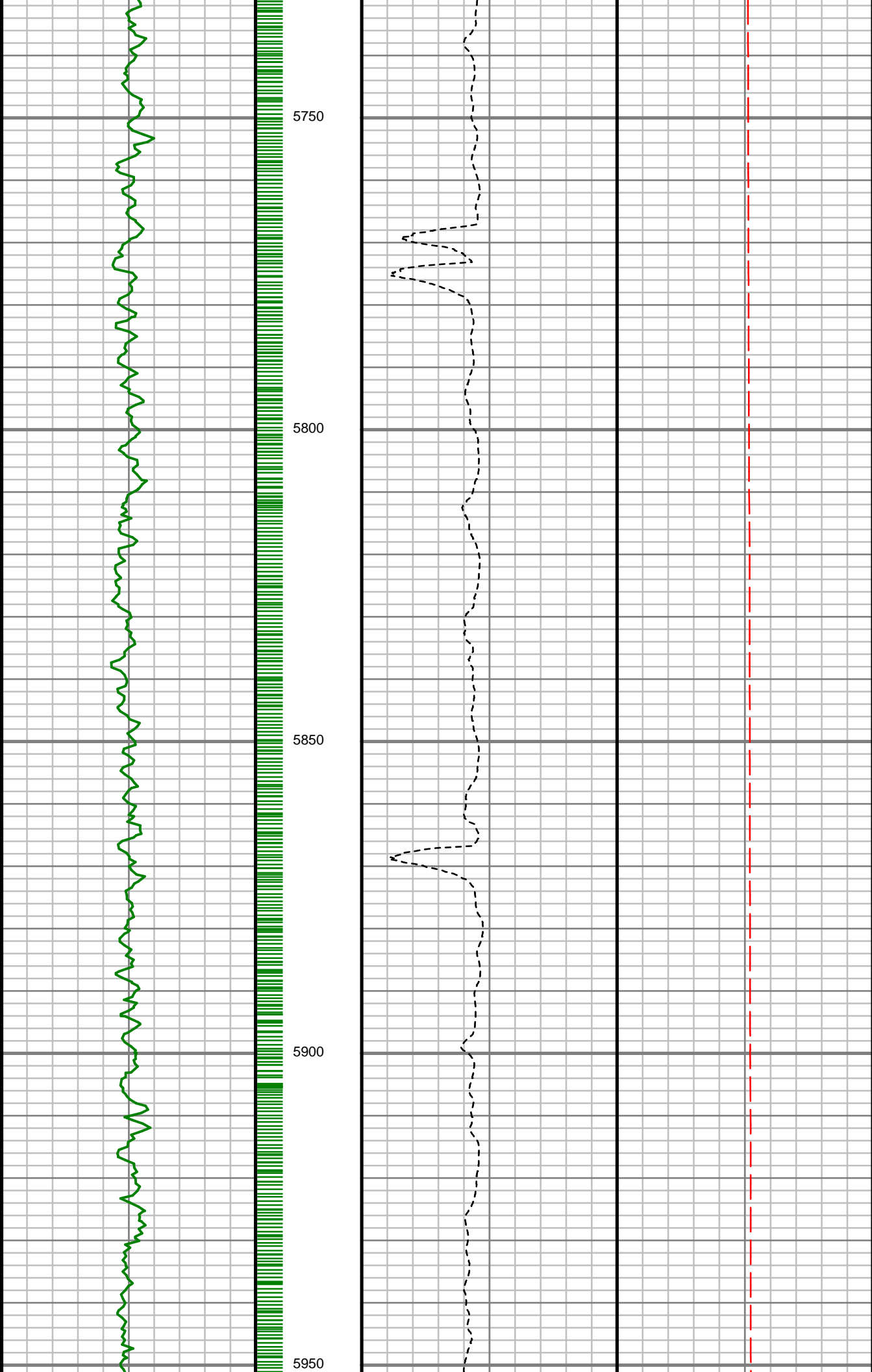
S: 42 MD: 5432.00 ft
Inc: 4.58 deg Az:
118.20 deg TVD:
5244.50 ft



S: 43 MD: 5526.00 ft
Inc: 3.32 deg Az:
134.14 deg TVD:
5338.27 ft

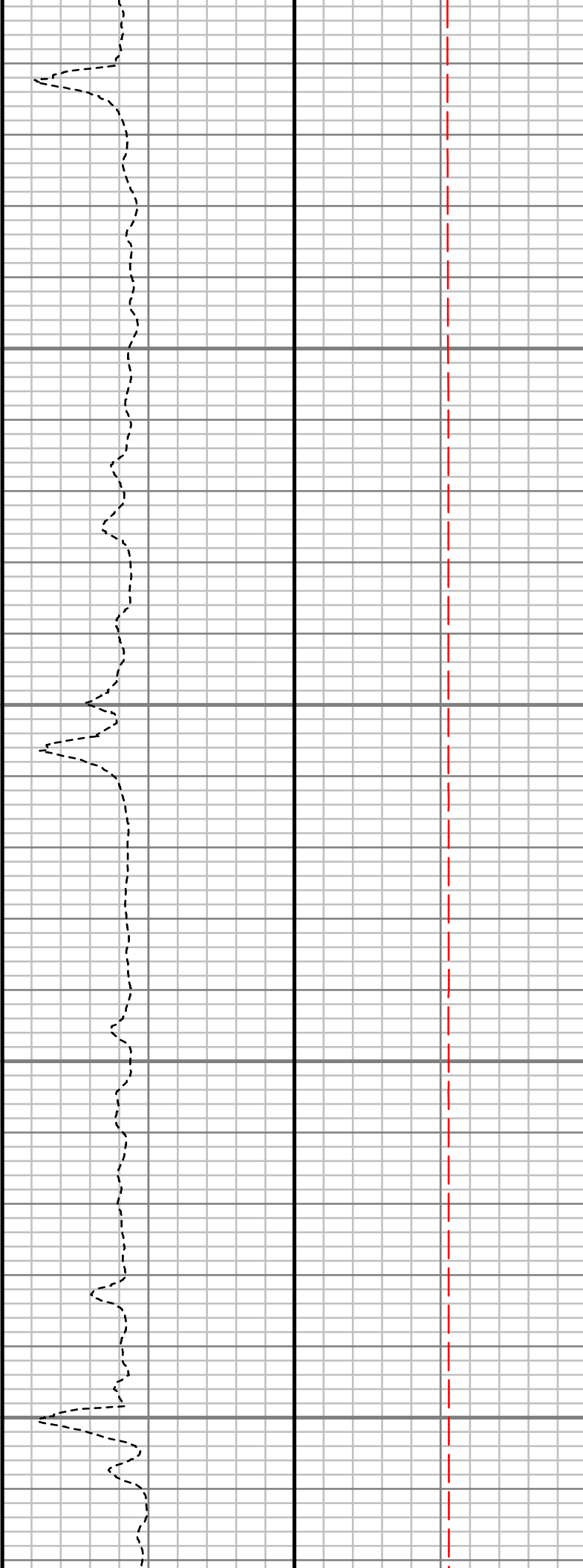
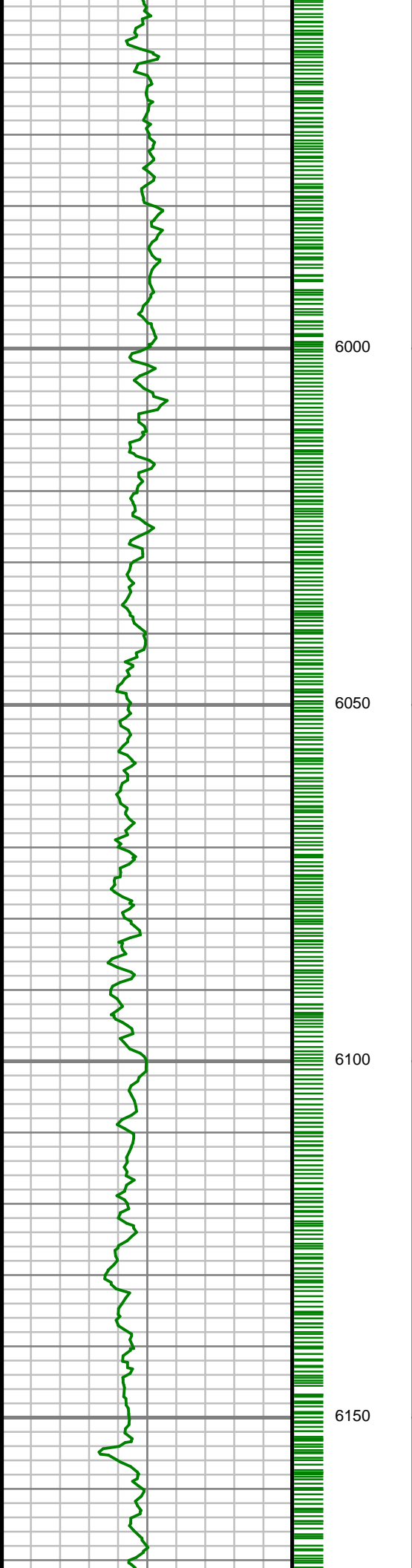
S: 44 MD: 5619.00 ft
Inc: 1.97 deg Az:
119.16 deg TVD:
5431.17 ft

S: 45 MD: 5712.00 ft
Inc: 1.01 deg Az:
105.17 deg TVD:
5524.14 ft



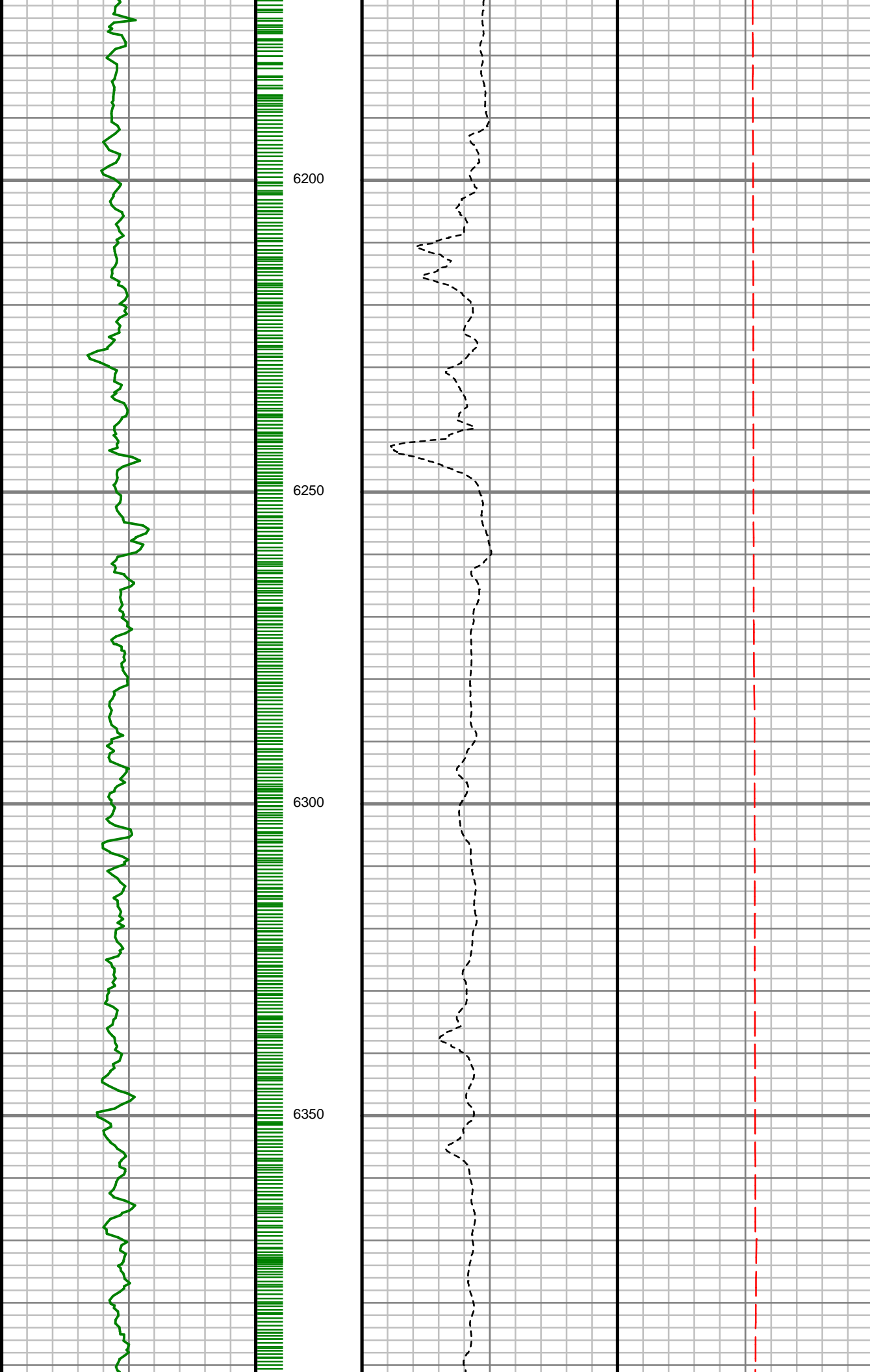
S: 46 MD: 5806.00 ft
Inc: 0.37 deg Az: 19.04
deg TVD: 5618.13 ft

S: 47 MD: 5899.00 ft
Inc: 0.26 deg Az: 30.90
deg TVD: 5711.13 ft



S: 48 MD: 5993.00 ft
Inc: 0.53 deg Az: 82.65
deg TVD: 5805.13 ft

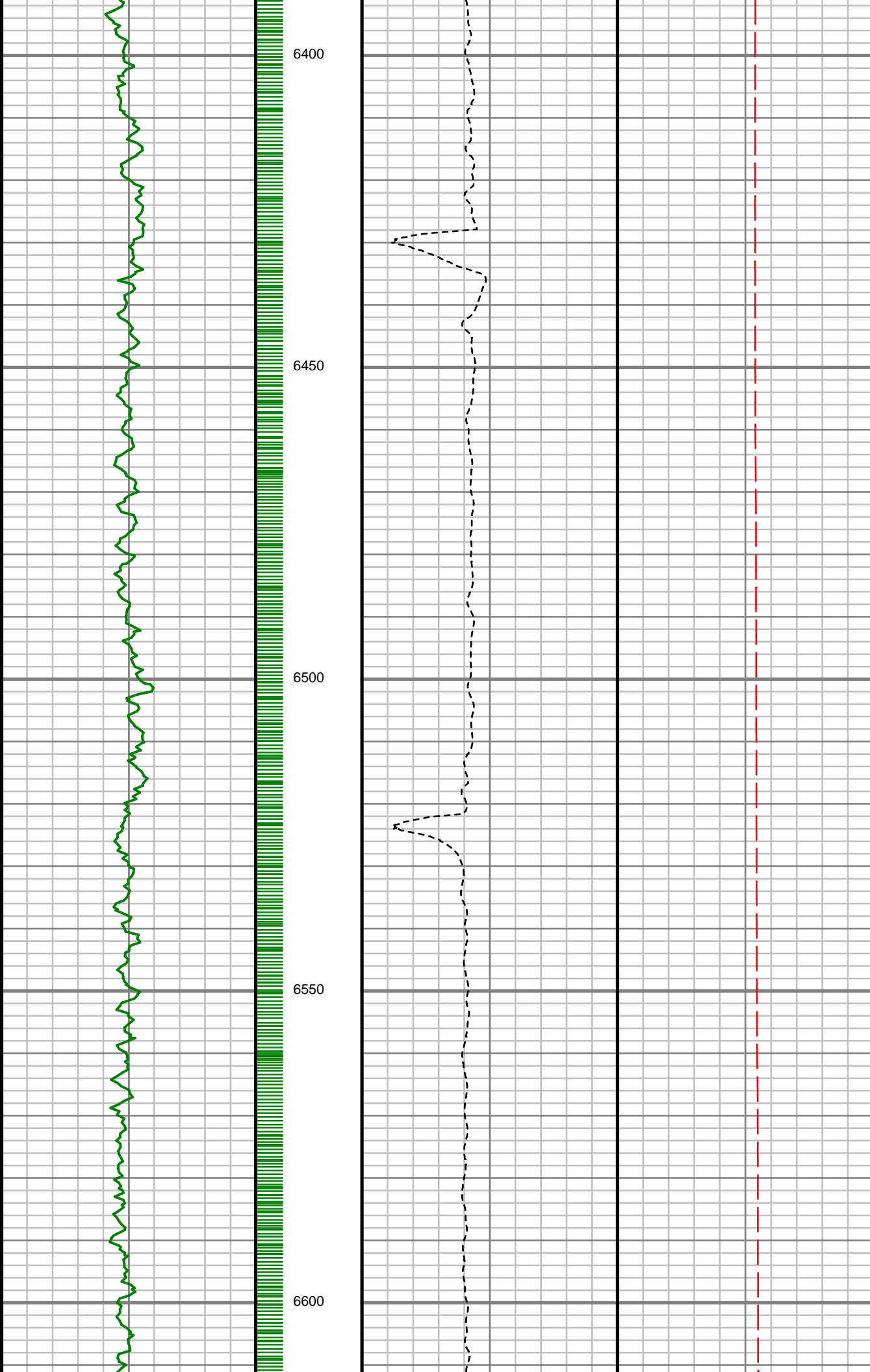
S: 49 MD: 6086.00 ft
Inc: 0.38 deg Az:
116.62 deg TVD:
5898.13 ft



S: 50 MD: 6180.00 ft
Inc: 0.37 deg Az:
237.61 deg TVD:
5992.13 ft

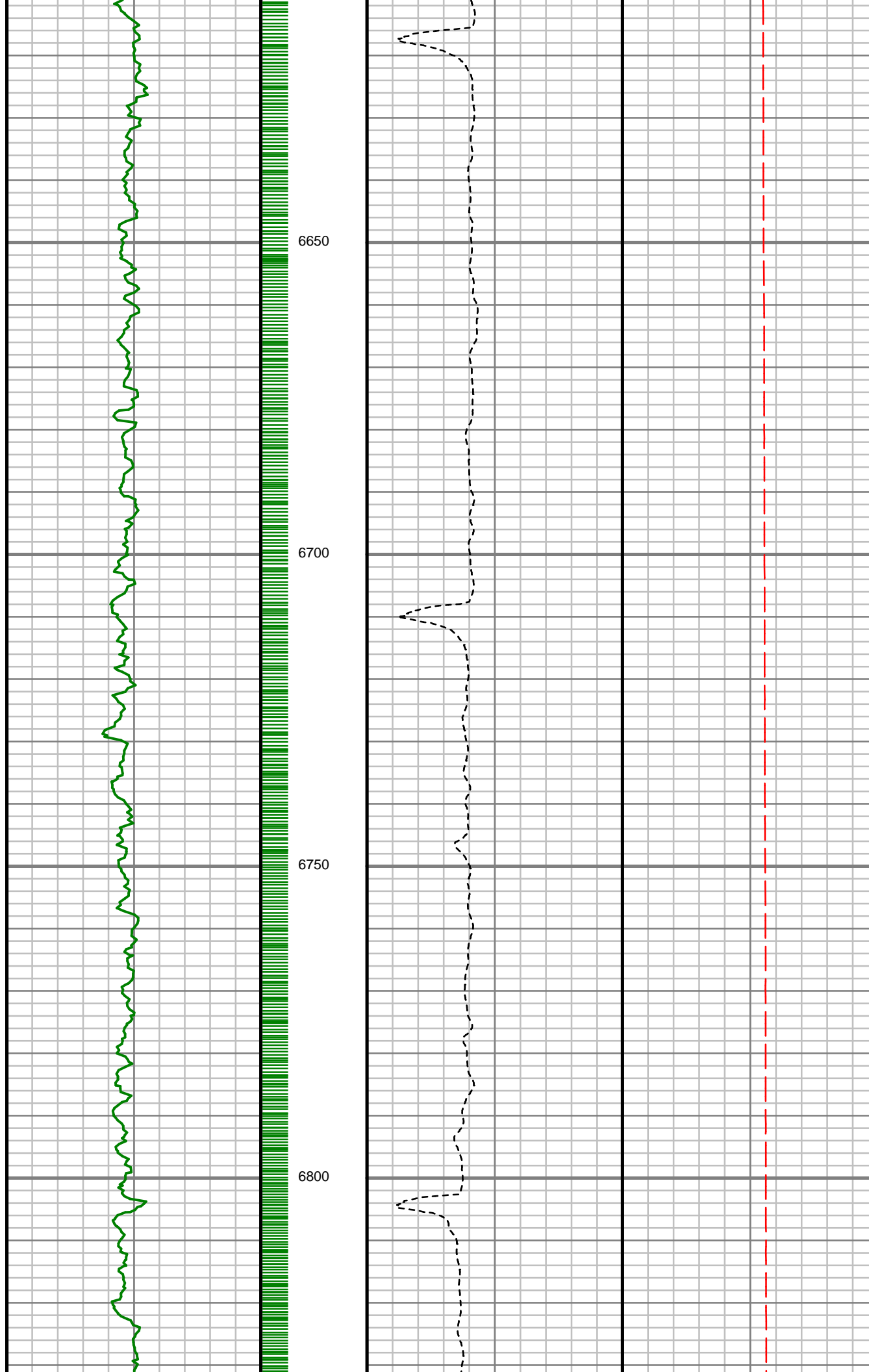
S: 51 MD: 6273.00 ft
Inc: 0.57 deg Az:
245.87 deg TVD:
6085.12 ft

S: 52 MD: 6367.00 ft
Inc: 0.64 deg Az:
211.29 deg TVD:
6179.12 ft



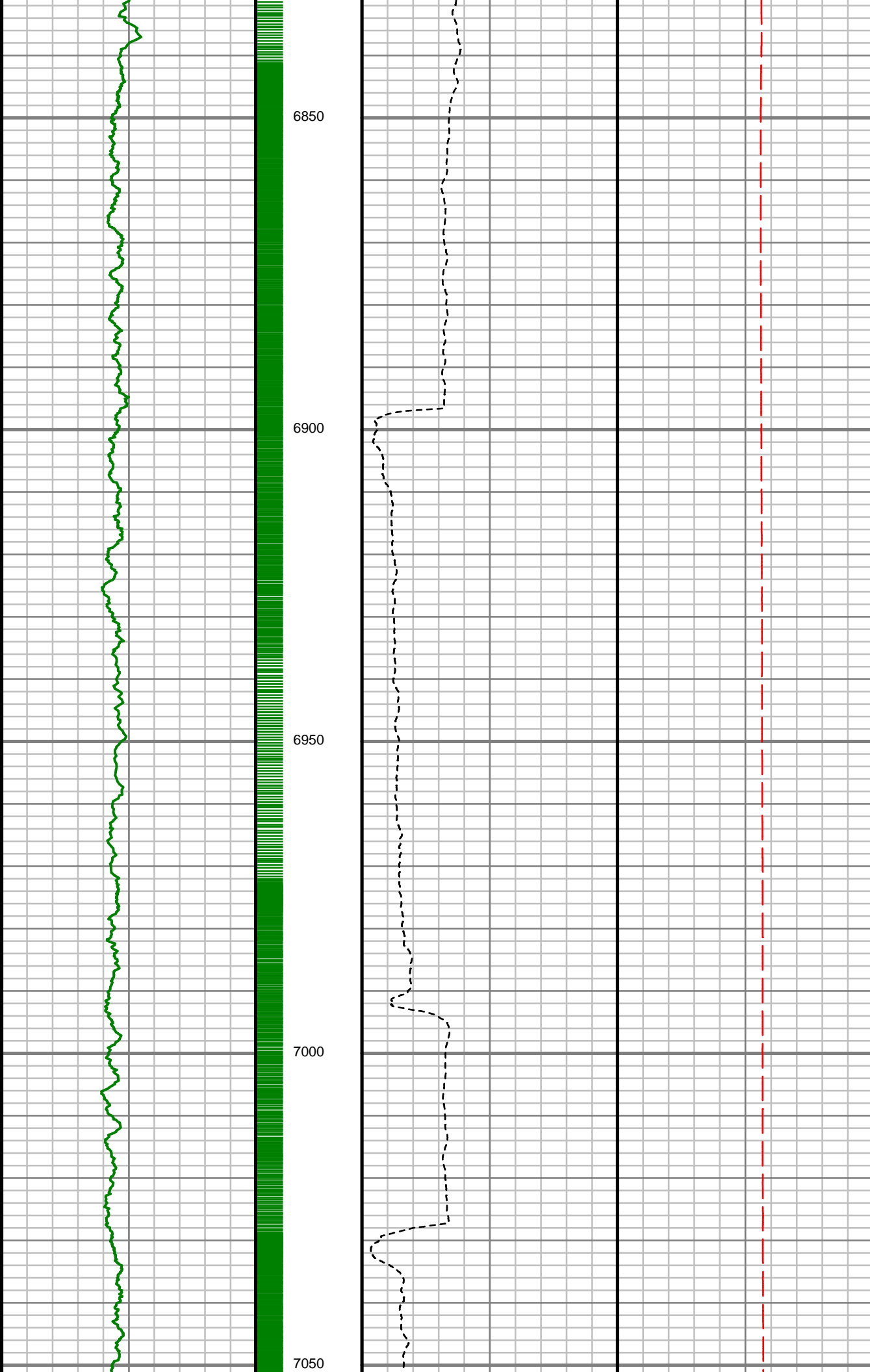
S: 53 MD: 6461.00 ft
Inc: 0.84 deg Az:
223.05 deg TVD:
6273.11 ft

S: 54 MD: 6555.00 ft
Inc: 0.93 deg Az:
224.67 deg TVD:
6367.10 ft



S: 55 MD: 6647.00 ft
Inc: 0.71 deg Az:
247.71 deg TVD:
6459.09 ft

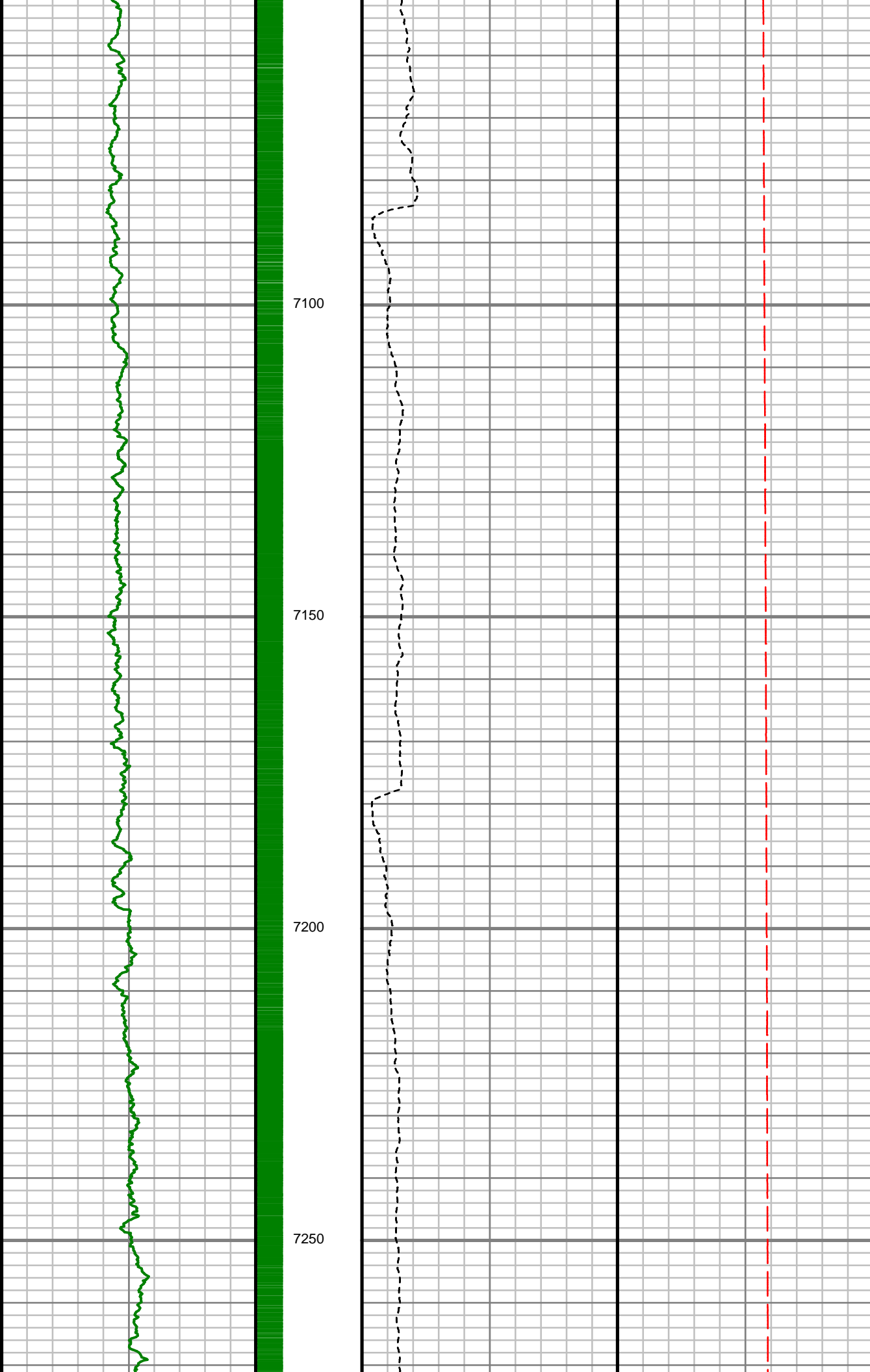
S: 56 MD: 6741.00 ft
Inc: 0.76 deg Az:
271.89 deg TVD:
6553.08 ft



S: 57 MD: 6835.00 ft
Inc: 0.53 deg Az:
266.50 deg TVD:
6647.08 ft

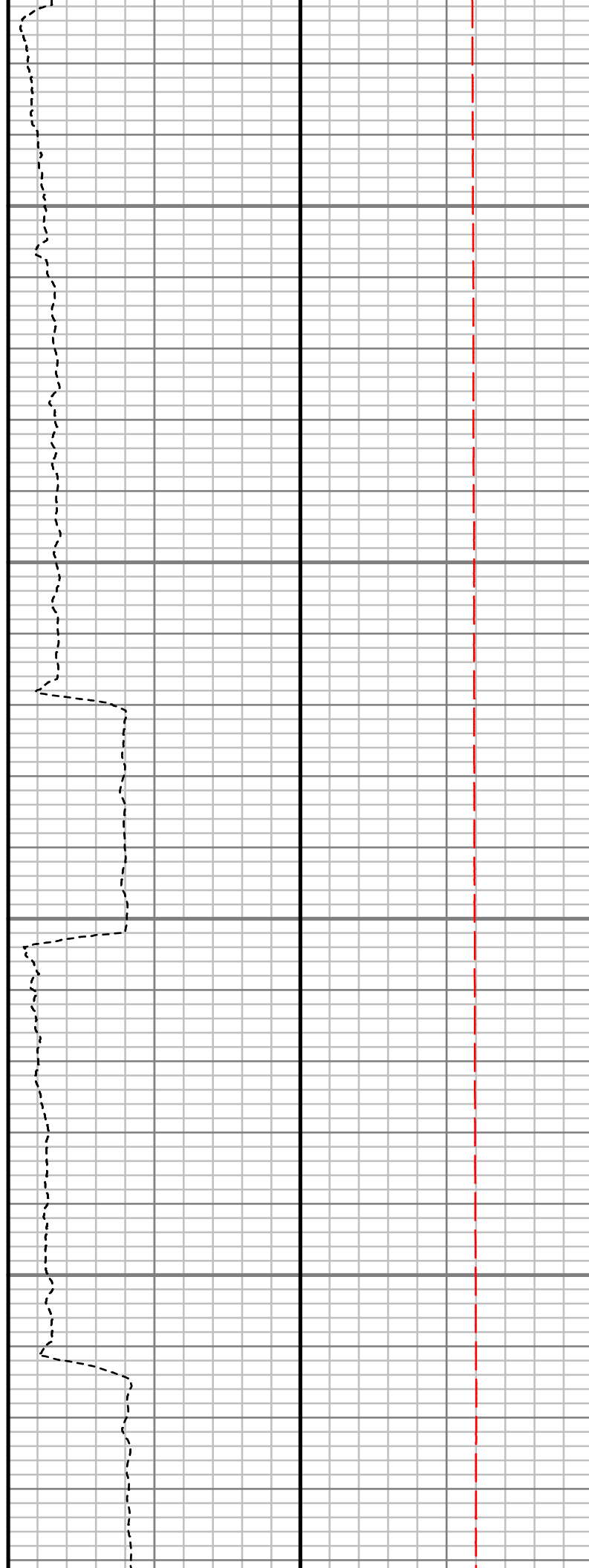
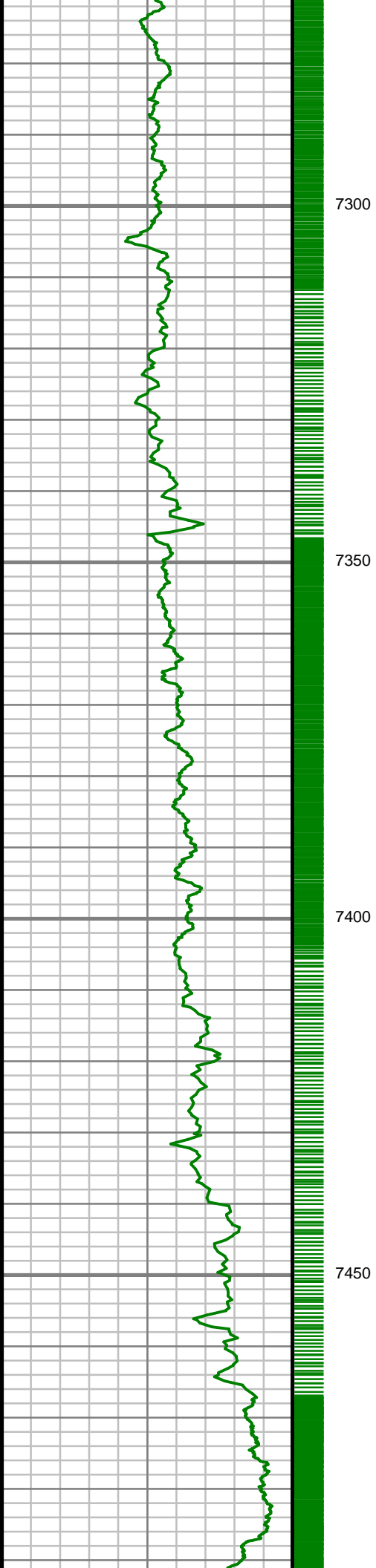
S: 58 MD: 6930.00 ft
Inc: 4.80 deg Az:
353.88 deg TVD:
6741.96 ft

S: 59 MD: 7023.00 ft
Inc: 11.00 deg Az: 1.39
deg TVD: 6834.04 ft



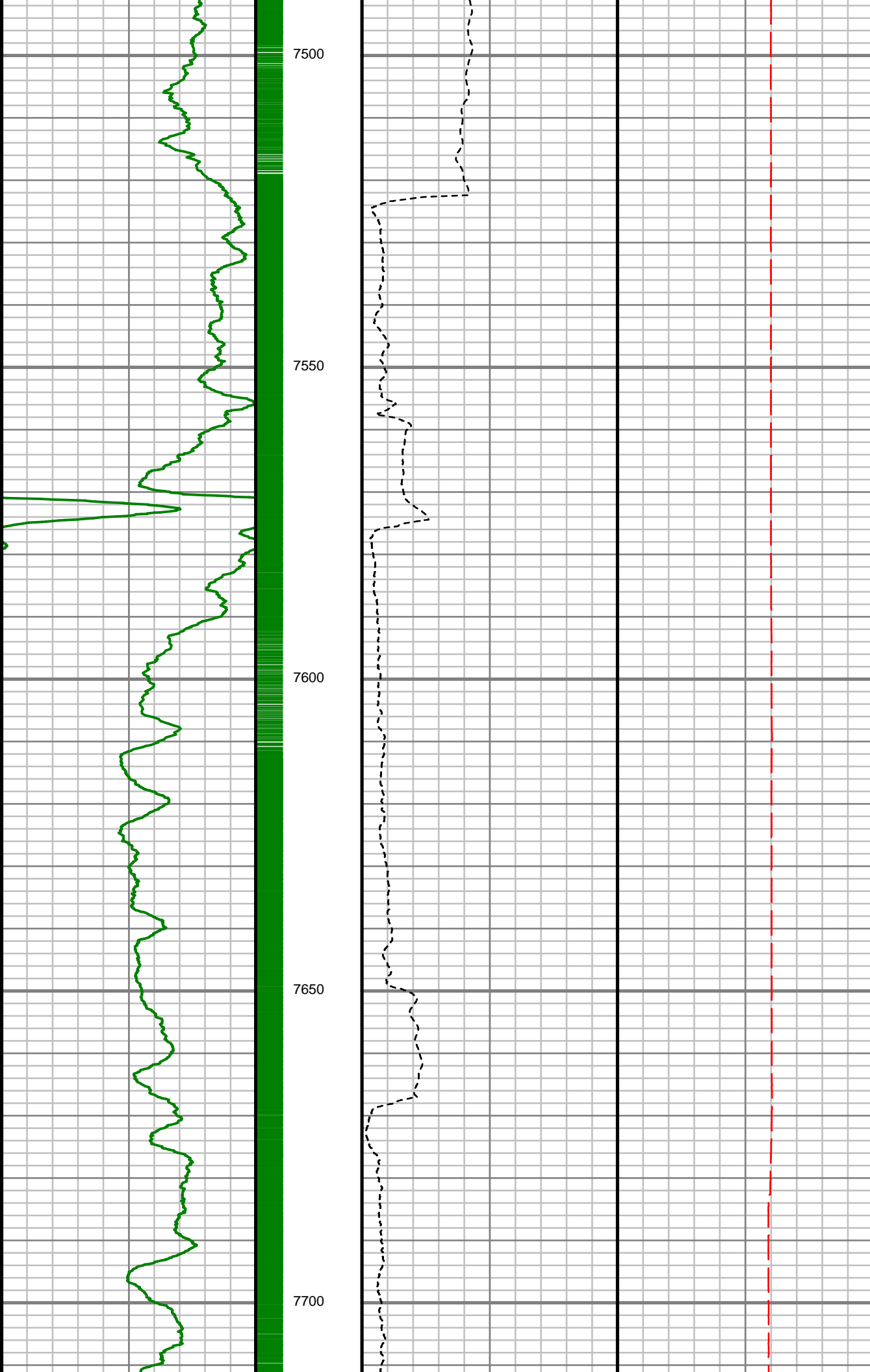
S: 60 MD: 7117.00 ft
Inc: 19.57 deg Az: 3.35
deg TVD: 6924.63 ft

S: 61 MD: 7211.00 ft
Inc: 29.86 deg Az: 4.02
deg TVD: 7009.90 ft



S: 62 MD: 7306.00 ft
Inc: 41.68 deg Az: 1.85
deg TVD: 7086.85 ft

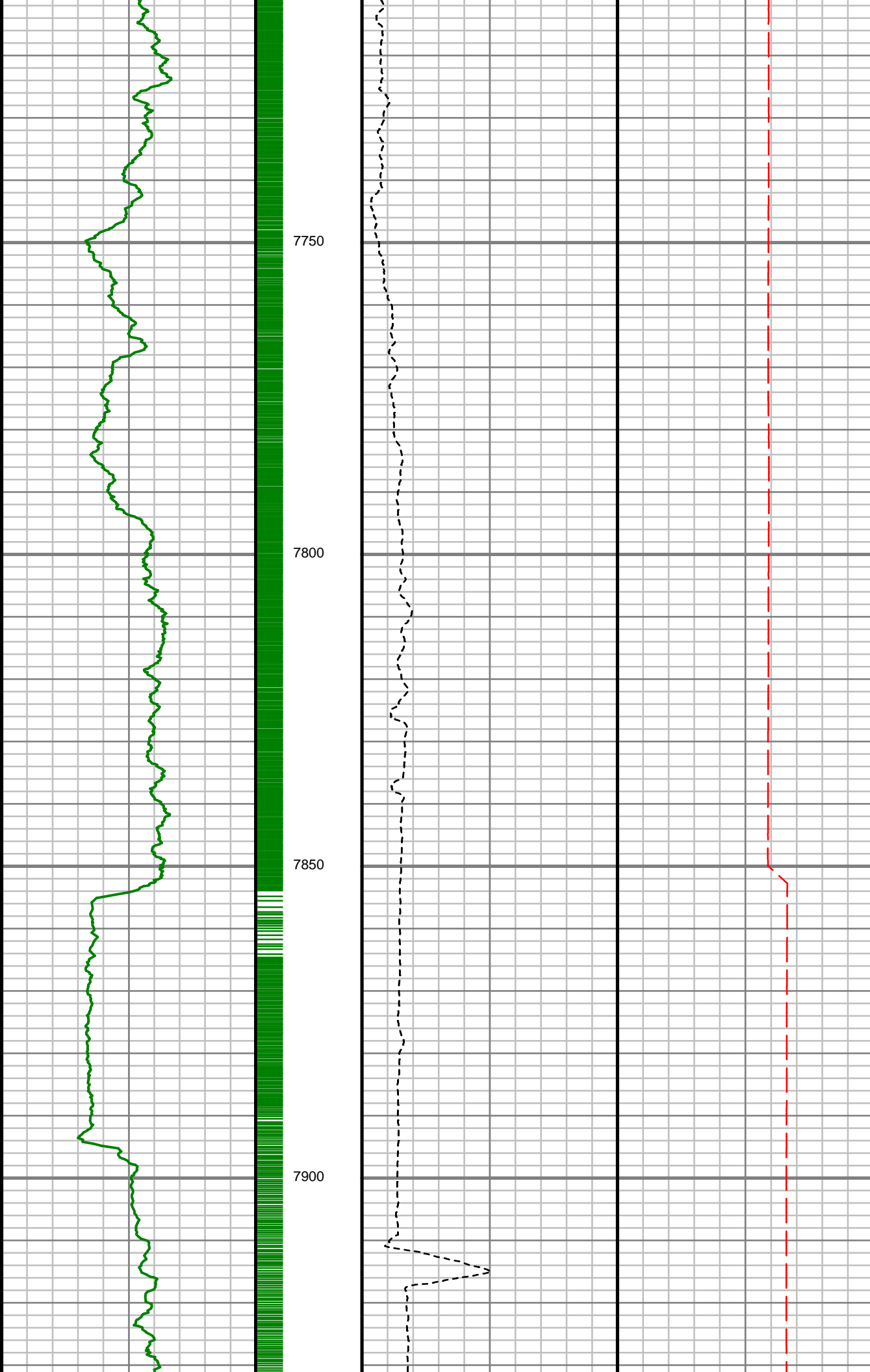
S: 63 MD: 7398.00 ft
Inc: 49.90 deg Az: 0.00
deg TVD: 7150.95 ft



S: 64 MD: 7493.00 ft
Inc: 56.32 deg Az: 2.19
deg TVD: 7207.95 ft

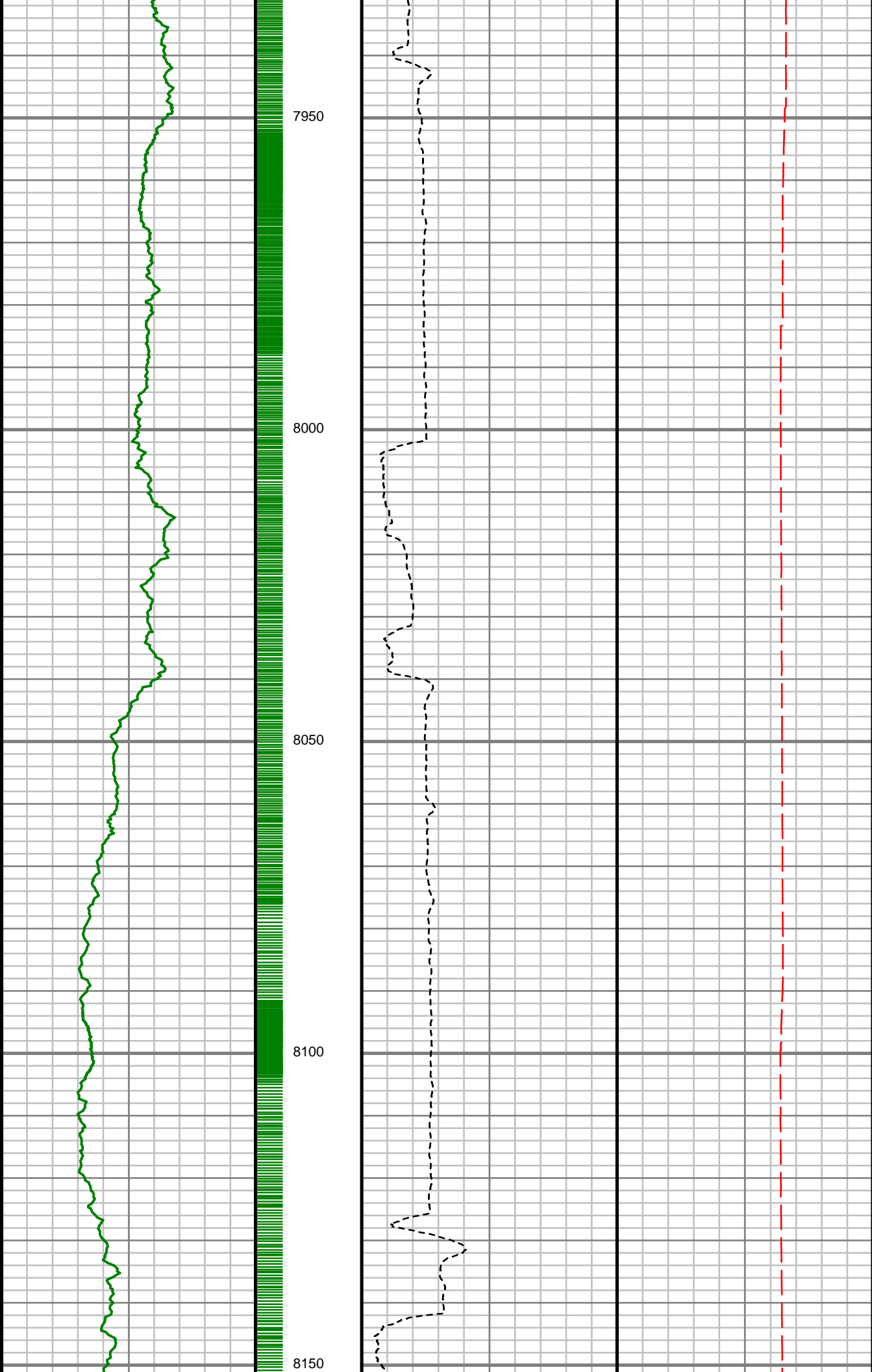
S: 65 MD: 7587.00 ft
Inc: 61.72 deg Az: 1.27
deg TVD: 7256.32 ft

S: 66 MD: 7681.00 ft
Inc: 70.67 deg Az:
359.61 deg TVD:
7294.22 ft



S: 67 MD: 7775.00 ft
Inc: 83.18 deg Az:
359.30 deg TVD:
7315.44 ft

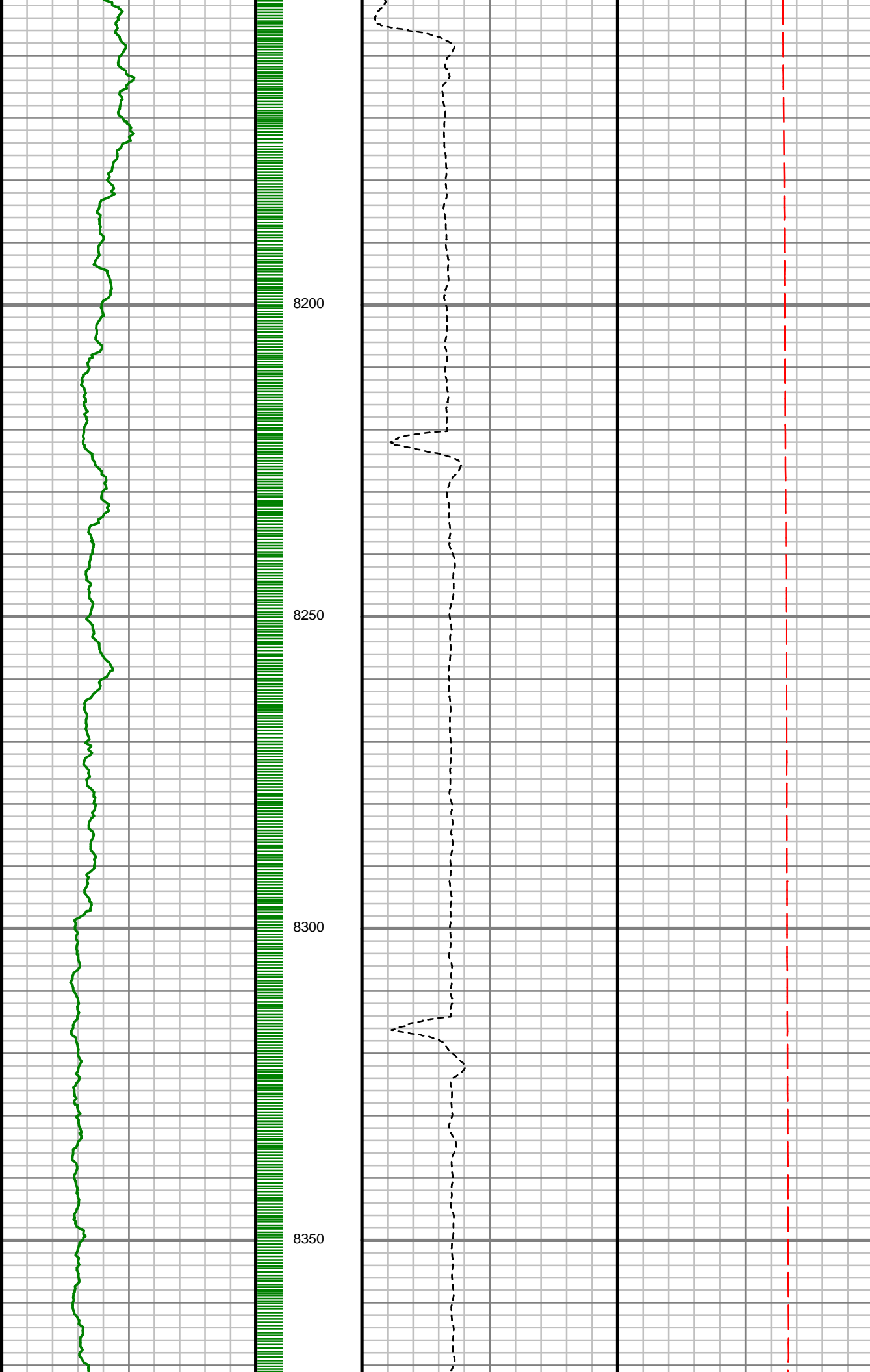
S: 68 MD: 7849.00 ft
Inc: 89.30 deg Az:
358.62 deg TVD:
7320.29 ft



S: 69 MD: 7946.00 ft
Inc: 90.87 deg Az:
358.47 deg TVD:
7320.15 ft

S: 70 MD: 7977.00 ft
Inc: 90.10 deg Az:
357.34 deg TVD:
7319.89 ft

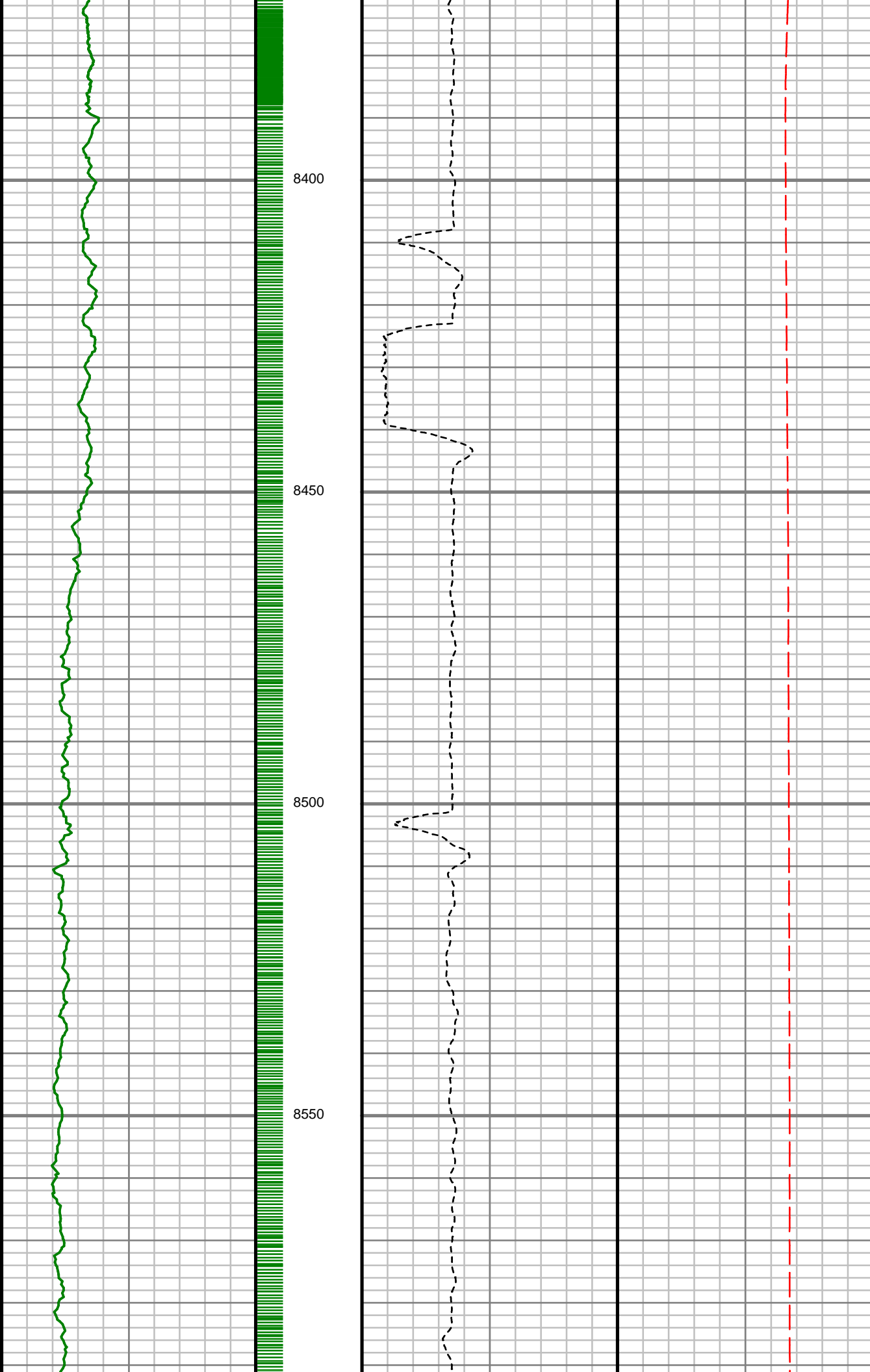
S: 71 MD: 8071.00 ft
Inc: 88.49 deg Az:
358.68 deg TVD:
7321.04 ft



S: 72 MD: 8164.00 ft
Inc: 88.42 deg Az: 0.86
deg TVD: 7323.55 ft

S: 73 MD: 8258.00 ft
Inc: 89.09 deg Az: 0.86
deg TVD: 7325.59 ft

S: 74 MD: 8352.00 ft
Inc: 90.71 deg Az: 0.58
deg TVD: 7325.76 ft



8400

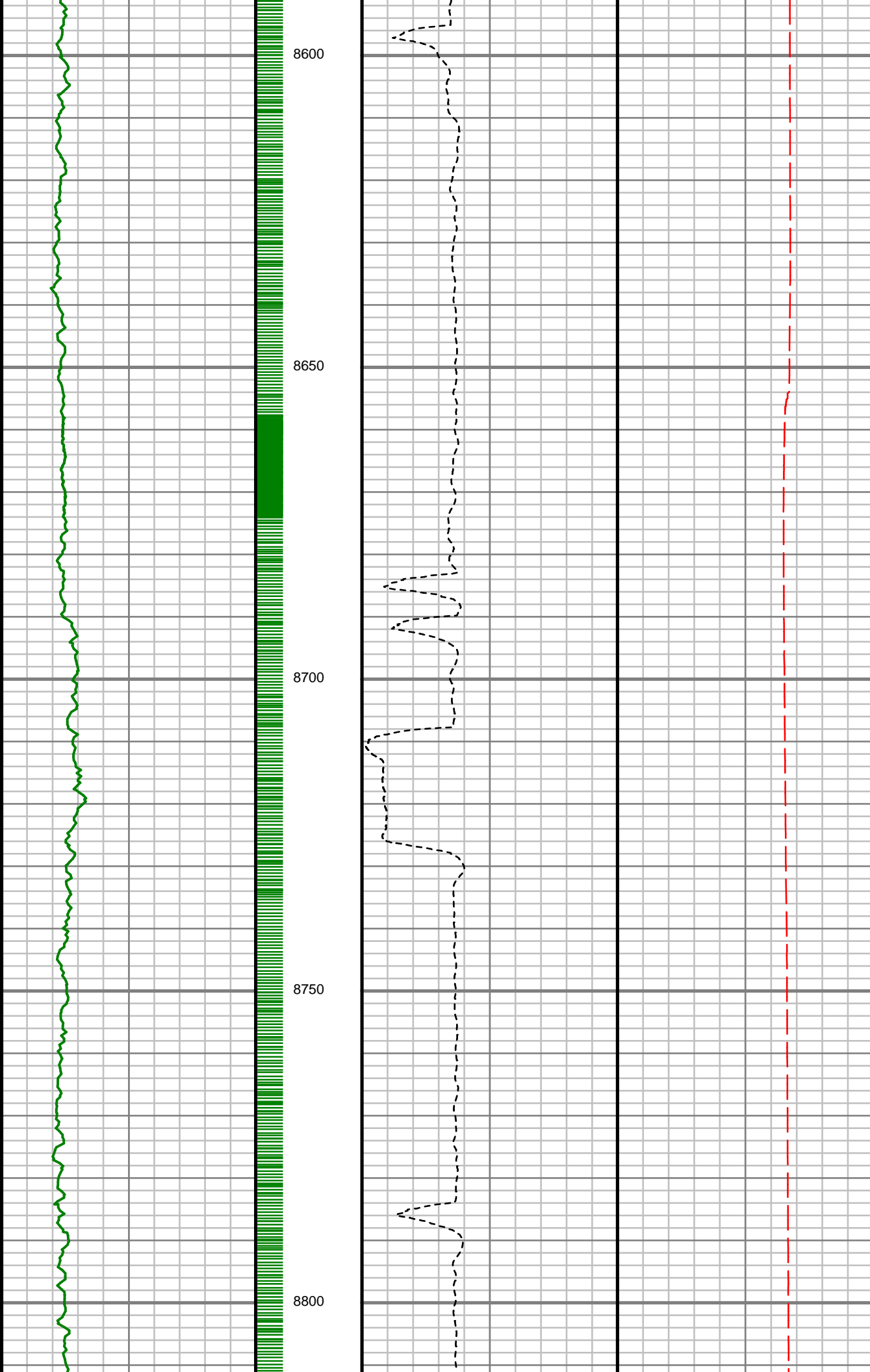
8450

8500

8550

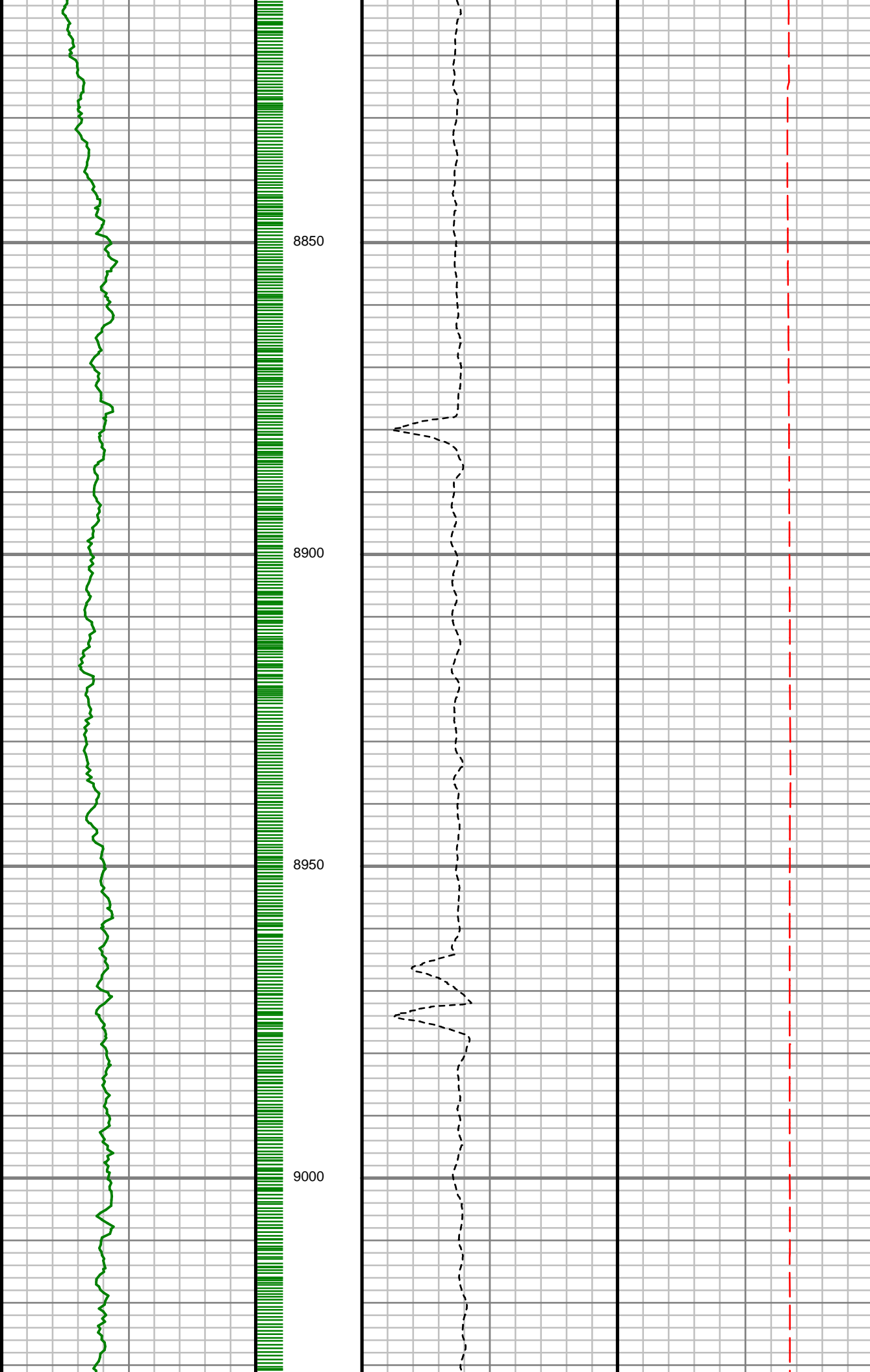
S: 75 MD: 8445.00 ft
Inc: 89.09 deg Az: 1.50
deg TVD: 7325.92 ft

S: 76 MD: 8539.00 ft
Inc: 89.46 deg Az: 1.50
deg TVD: 7327.11 ft



S: 77 MD: 8633.00 ft
Inc: 90.91 deg Az: 1.10
deg TVD: 7326.80 ft

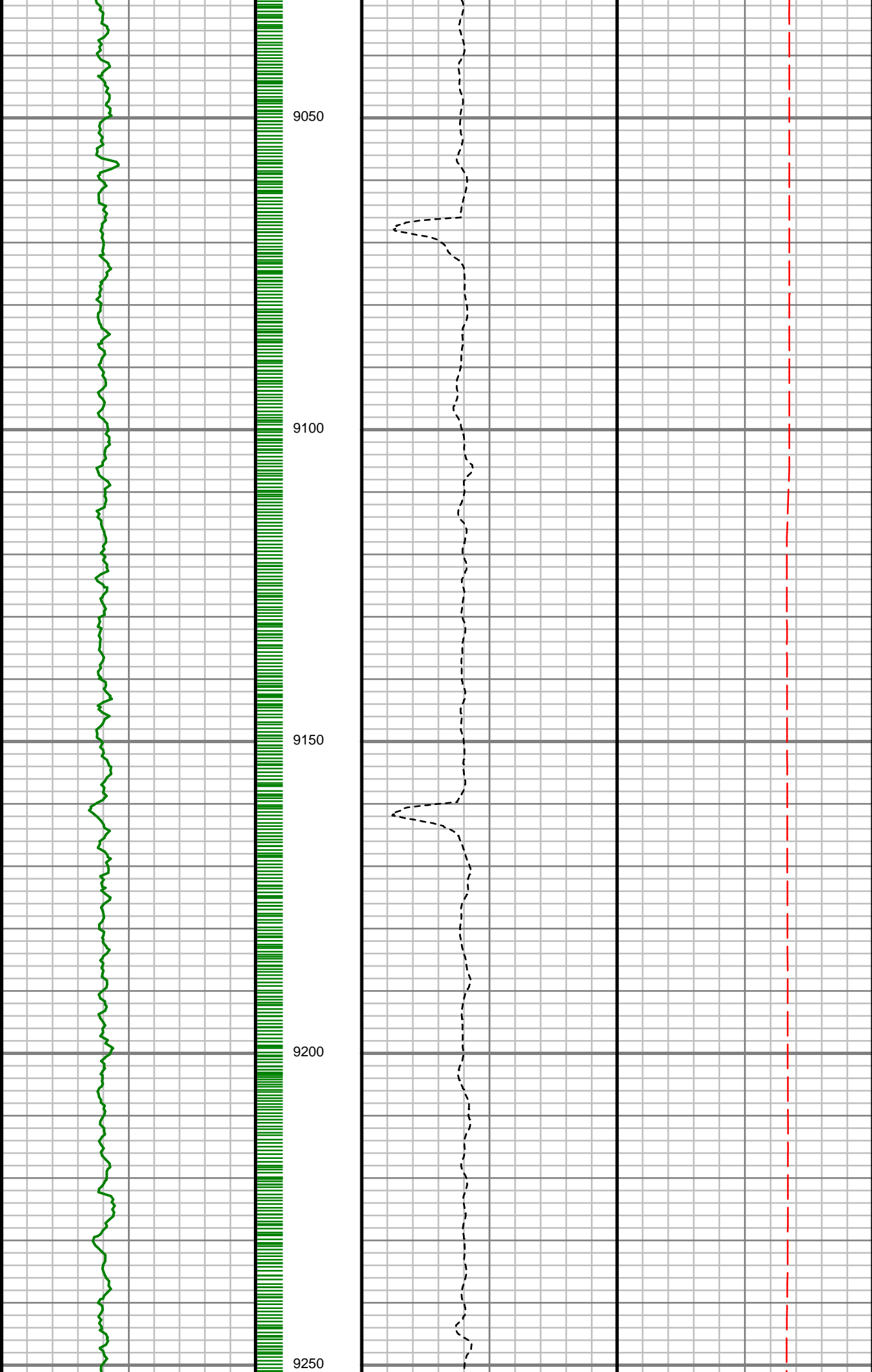
S: 78 MD: 8728.00 ft
Inc: 89.16 deg Az: 1.10
deg TVD: 7326.75 ft



S: 79 MD: 8822.00 ft
Inc: 89.90 deg Az: 1.06
deg TVD: 7327.52 ft

S: 80 MD: 8916.00 ft
Inc: 90.10 deg Az: 0.30
deg TVD: 7327.52 ft

S: 81 MD: 9009.00 ft
Inc: 89.40 deg Az:
358.62 deg TVD:
7327.93 ft



9050

9100

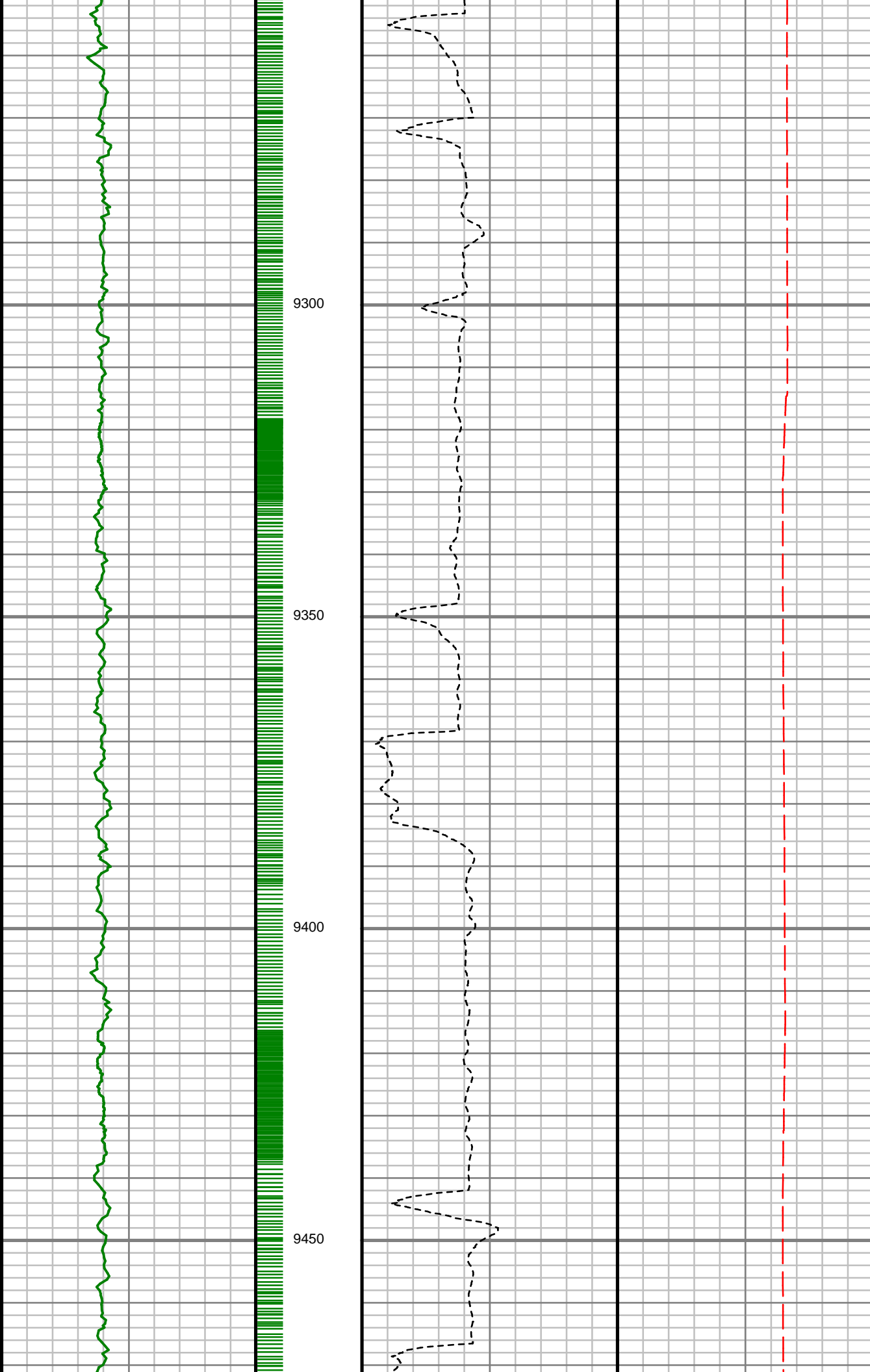
9150

9200

9250

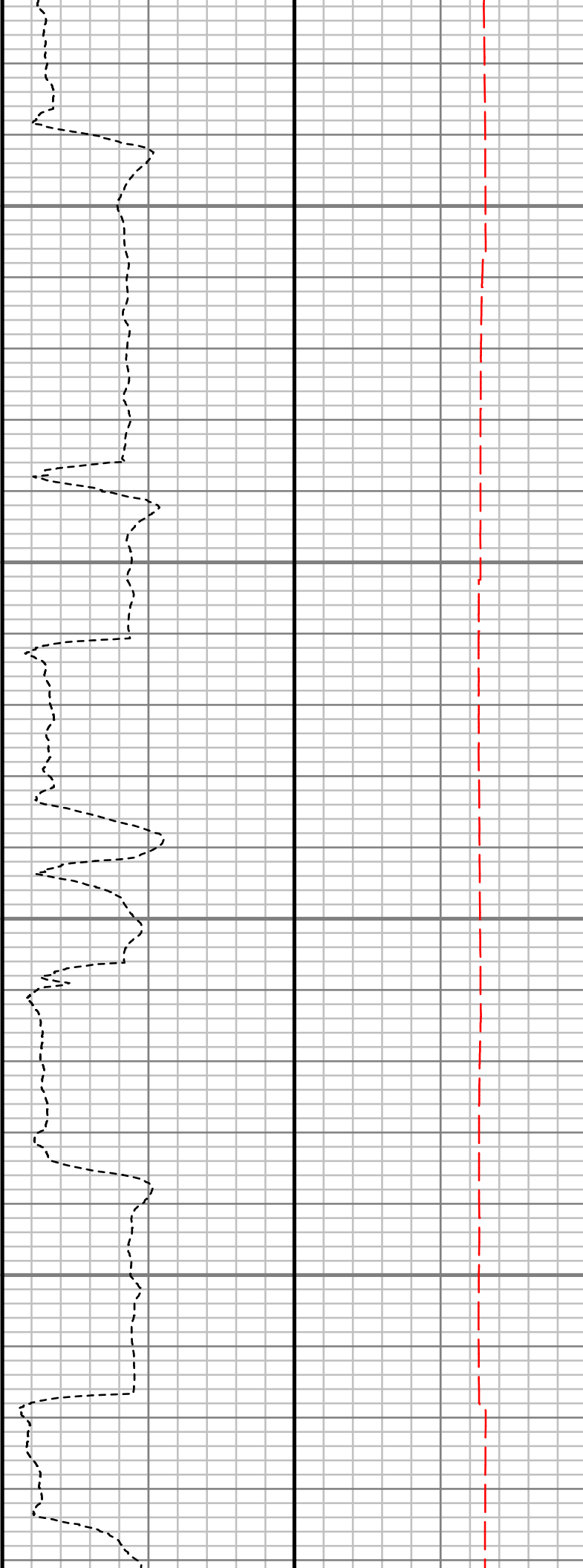
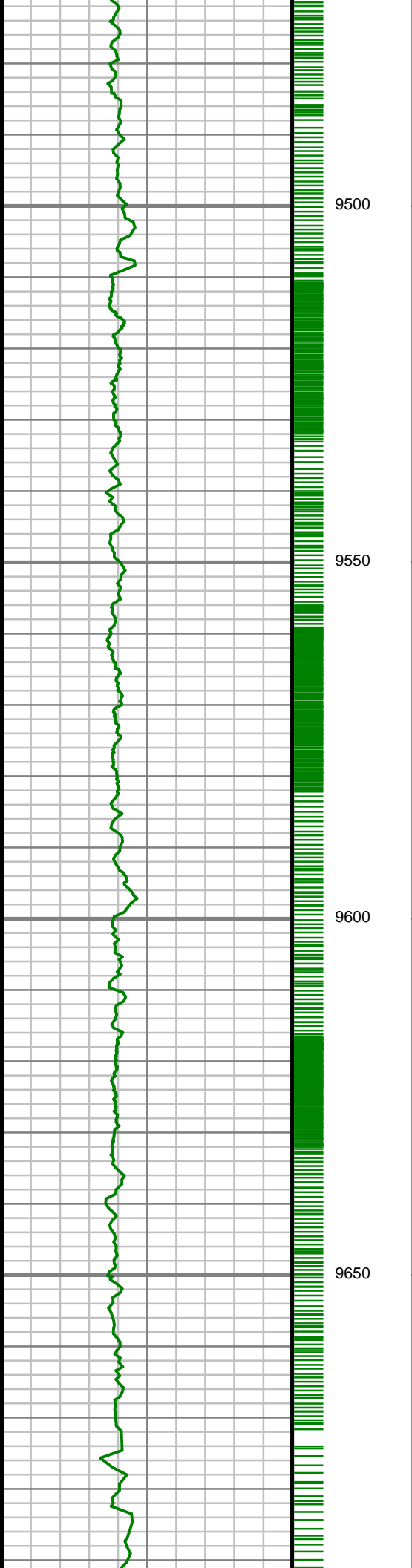
S: 82 MD: 9103.00 ft
Inc: 89.76 deg Az:
357.84 deg TVD:
7328.62 ft

S: 83 MD: 9197.00 ft
Inc: 89.76 deg Az:
359.31 deg TVD:
7329.00 ft



S: 84 MD: 9291.00 ft
Inc: 89.80 deg Az: 2.28
deg TVD: 7329.36 ft

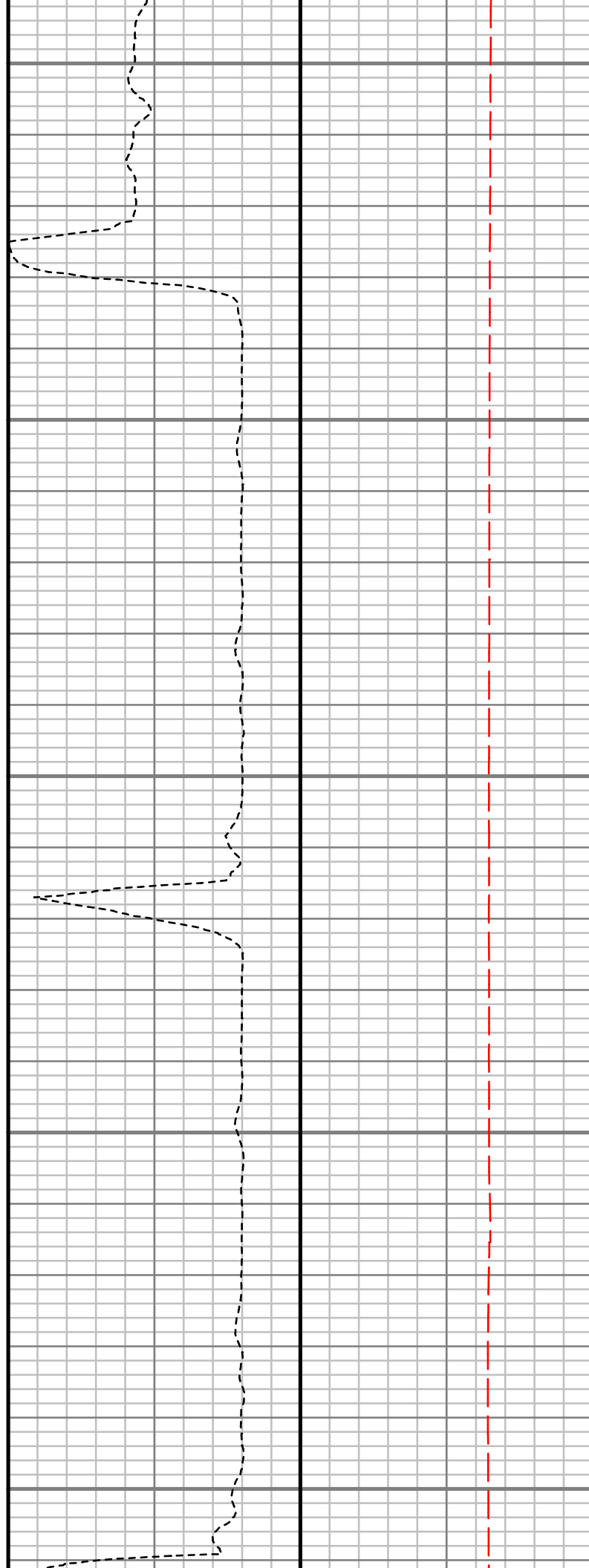
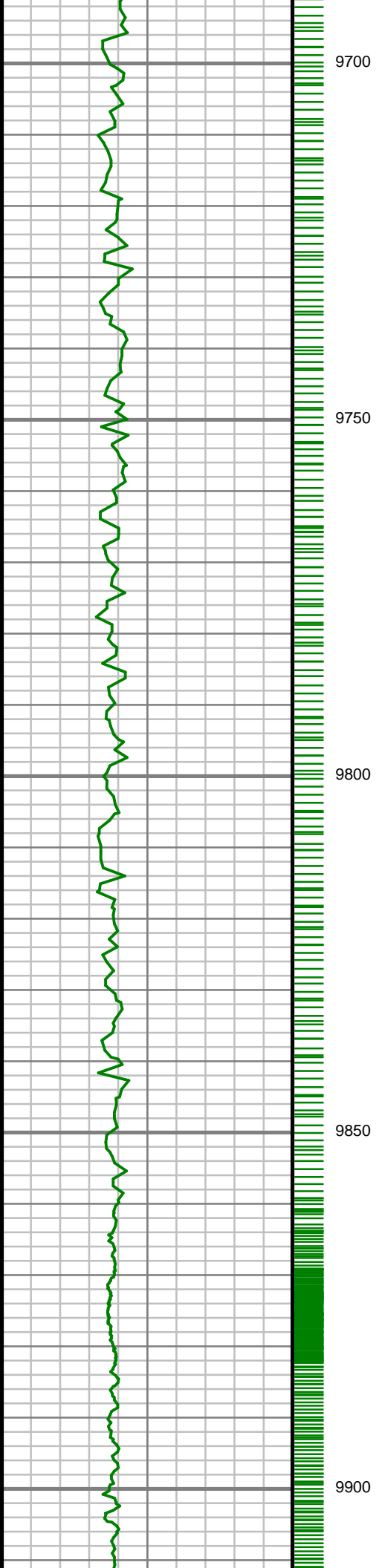
S: 85 MD: 9385.00 ft
Inc: 89.87 deg Az: 3.27
deg TVD: 7329.64 ft



S: 86 MD: 9479.00 ft
Inc: 90.13 deg Az: 4.55
deg TVD: 7329.64 ft

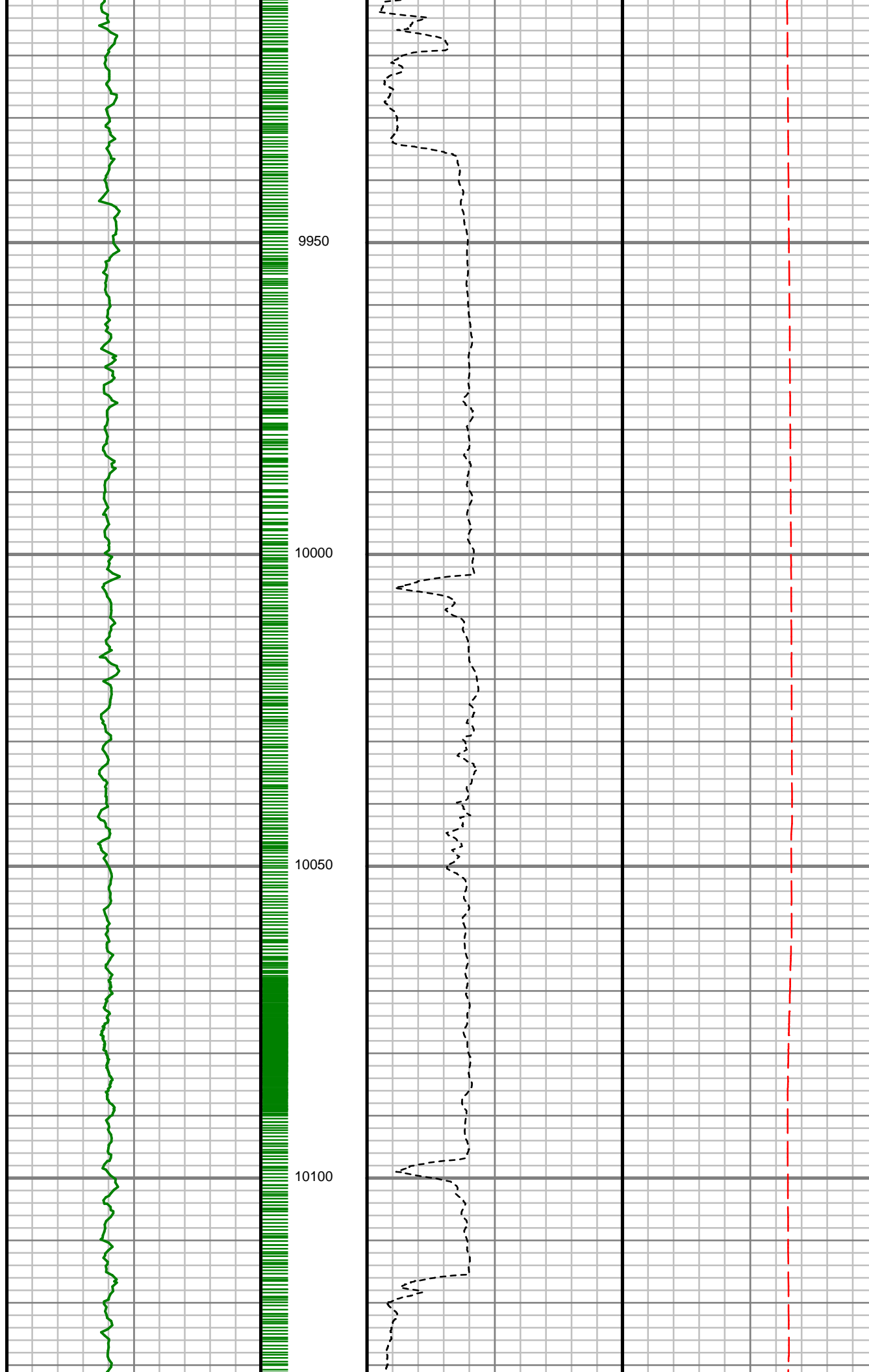
S: 87 MD: 9573.00 ft
Inc: 89.66 deg Az: 4.44
deg TVD: 7329.80 ft

S: 88 MD: 9666.00 ft
Inc: 89.40 deg Az: 1.31
deg TVD: 7330.57 ft



S: 89 MD: 9761.00 ft
Inc: 89.83 deg Az:
358.67 deg TVD:
7331.21 ft

S: 90 MD: 9855.00 ft
Inc: 89.83 deg Az: 0.37
deg TVD: 7331.48 ft



9950

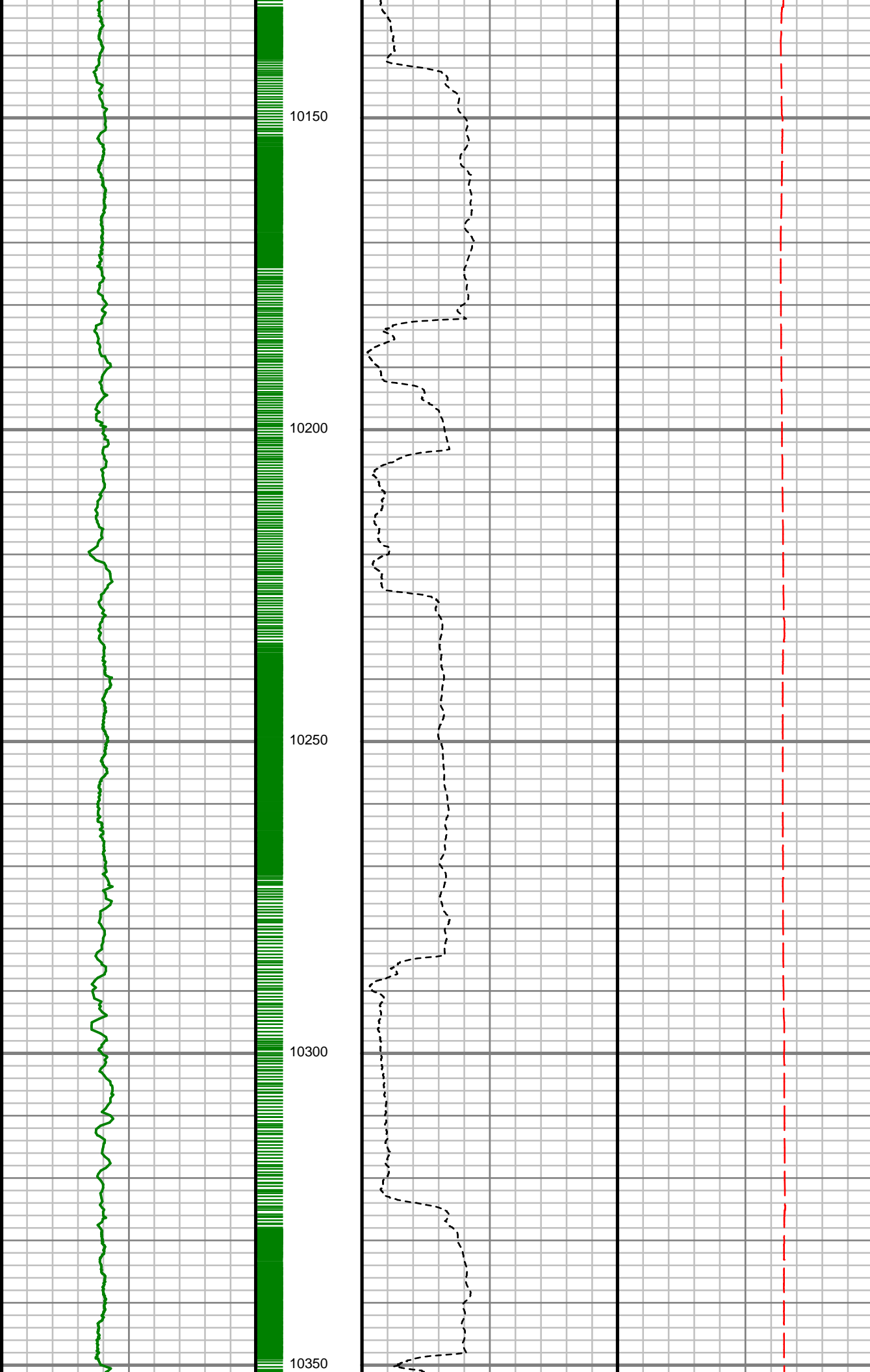
10000

10050

10100

S: 91 MD: 9949.00 ft
Inc: 89.90 deg Az: 0.76
deg TVD: 7331.70 ft

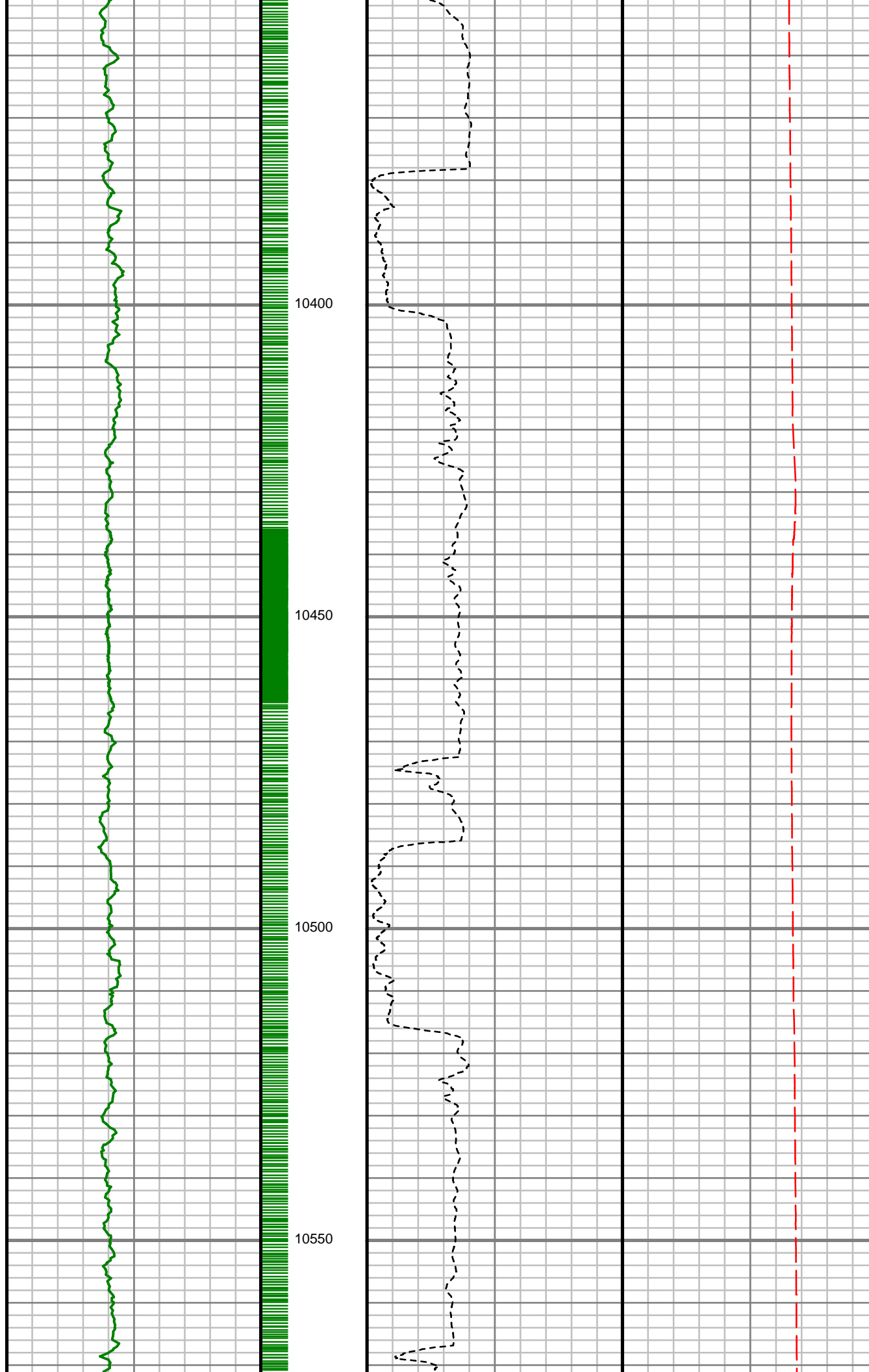
S: 92 MD: 10042.00 ft
Inc: 90.34 deg Az: 3.98
deg TVD: 7331.51 ft



S: 93 MD: 10136.00 ft
Inc: 90.23 deg Az: 3.73
deg TVD: 7331.04 ft

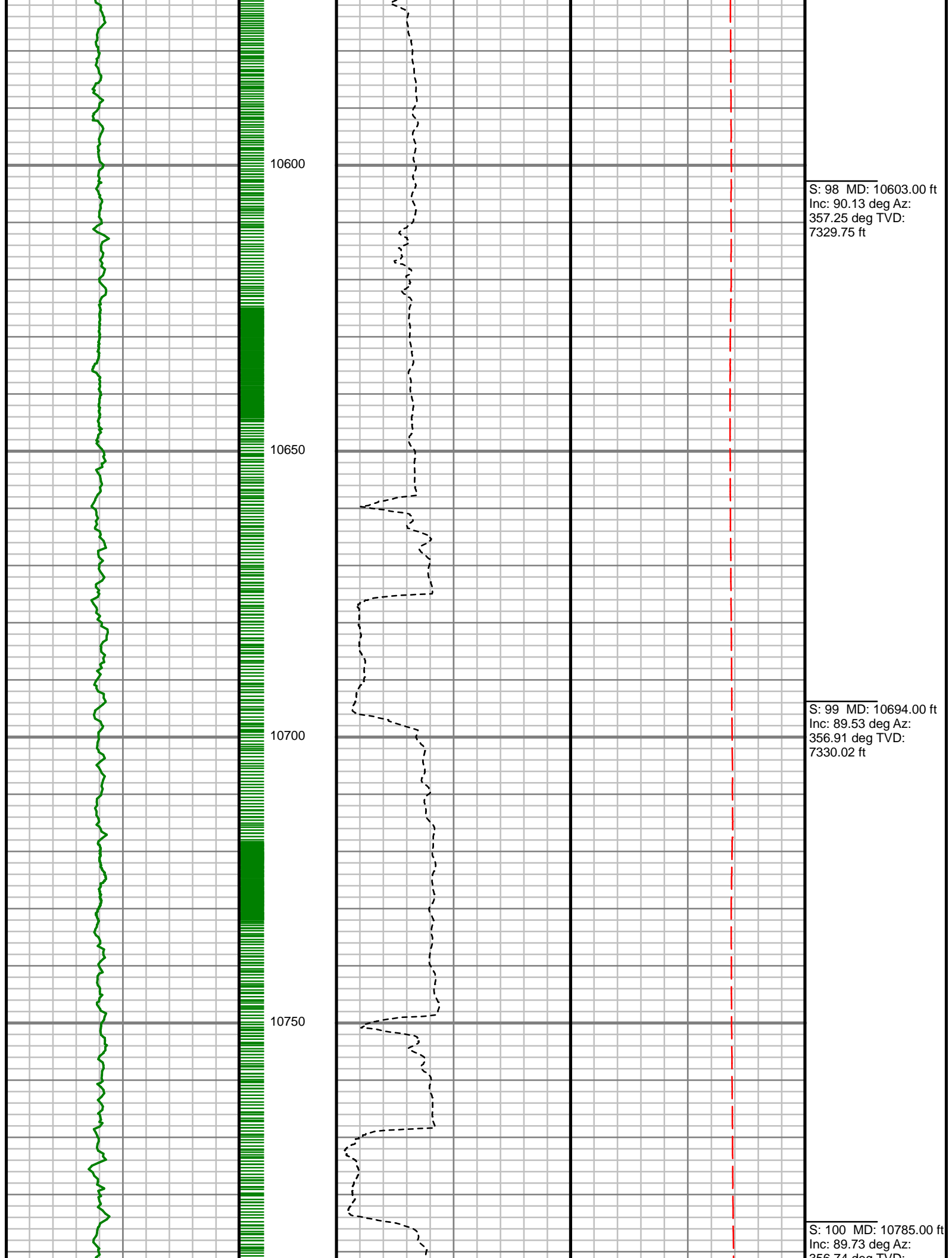
S: 94 MD: 10230.00 ft
Inc: 90.00 deg Az: 2.62
deg TVD: 7330.85 ft

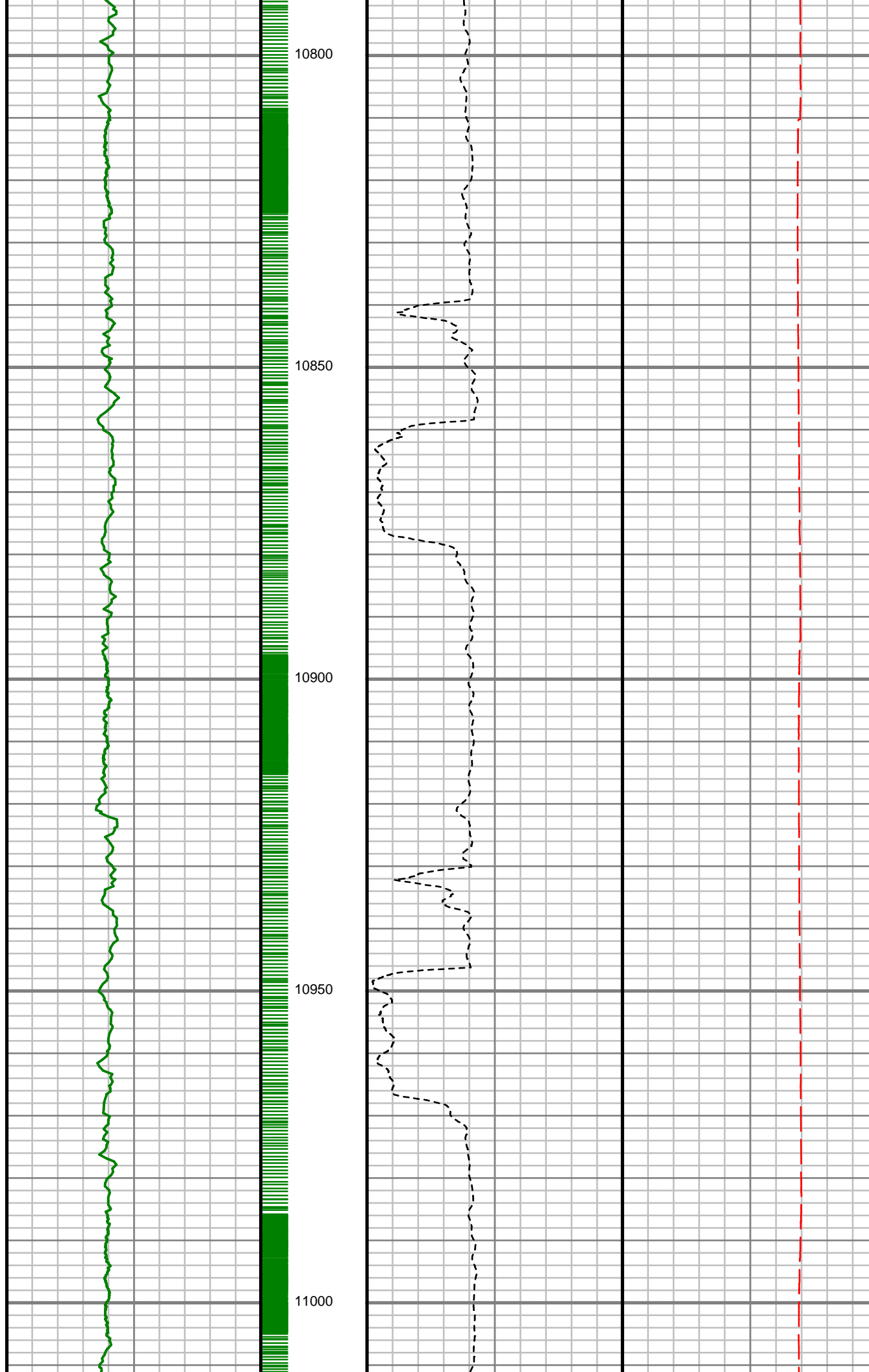
S: 95 MD: 10324.00 ft
Inc: 89.93 deg Az:
359.25 deg TVD:
7330.91 ft



S: 96 MD: 10418.00 ft
Inc: 90.67 deg Az:
359.51 deg TVD:
7330.41 ft

S: 97 MD: 10512.00 ft
Inc: 90.00 deg Az:
354.75 deg TVD:
7329.86 ft

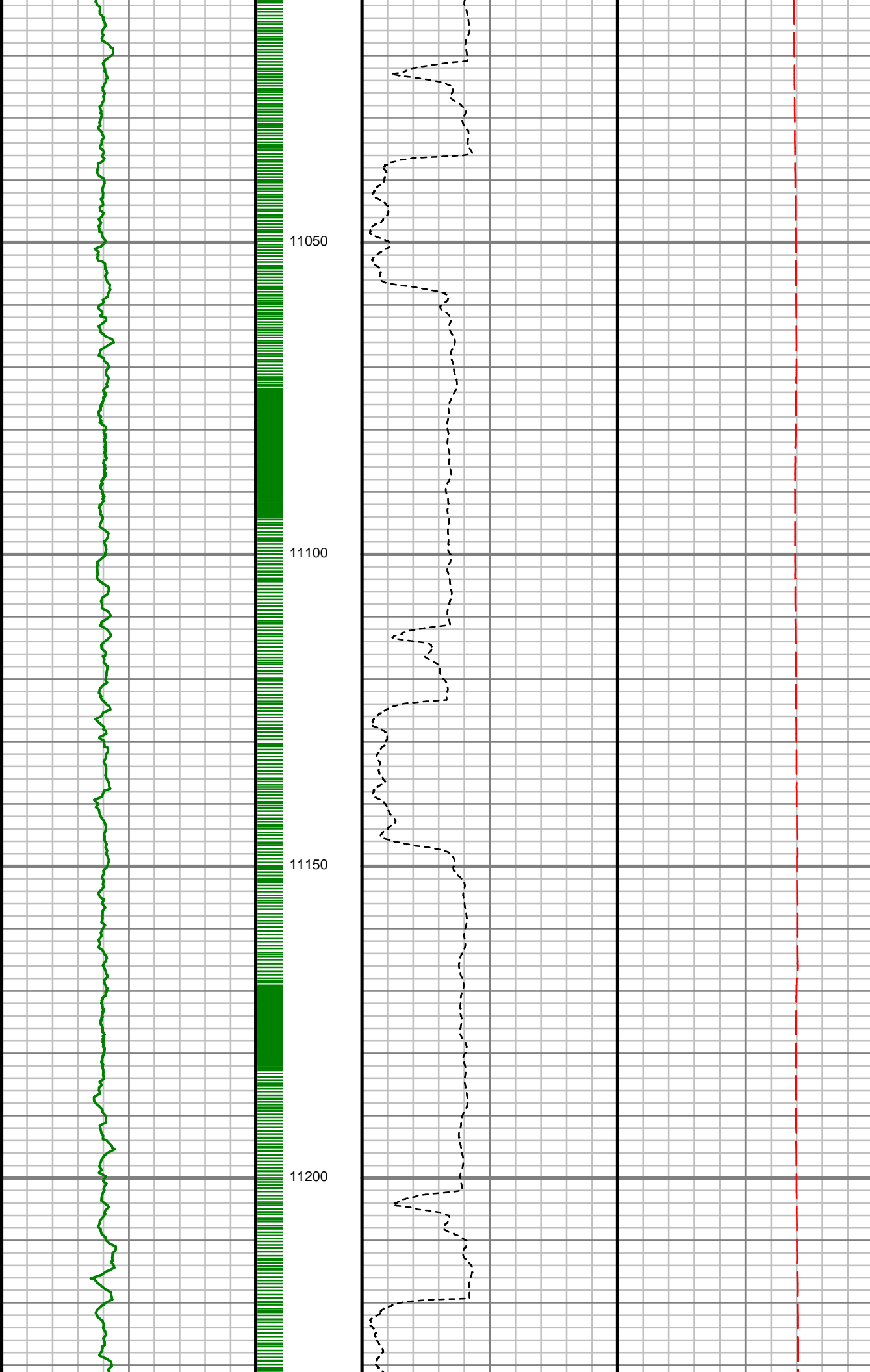




336.74 deg TVD:
7330.60 ft

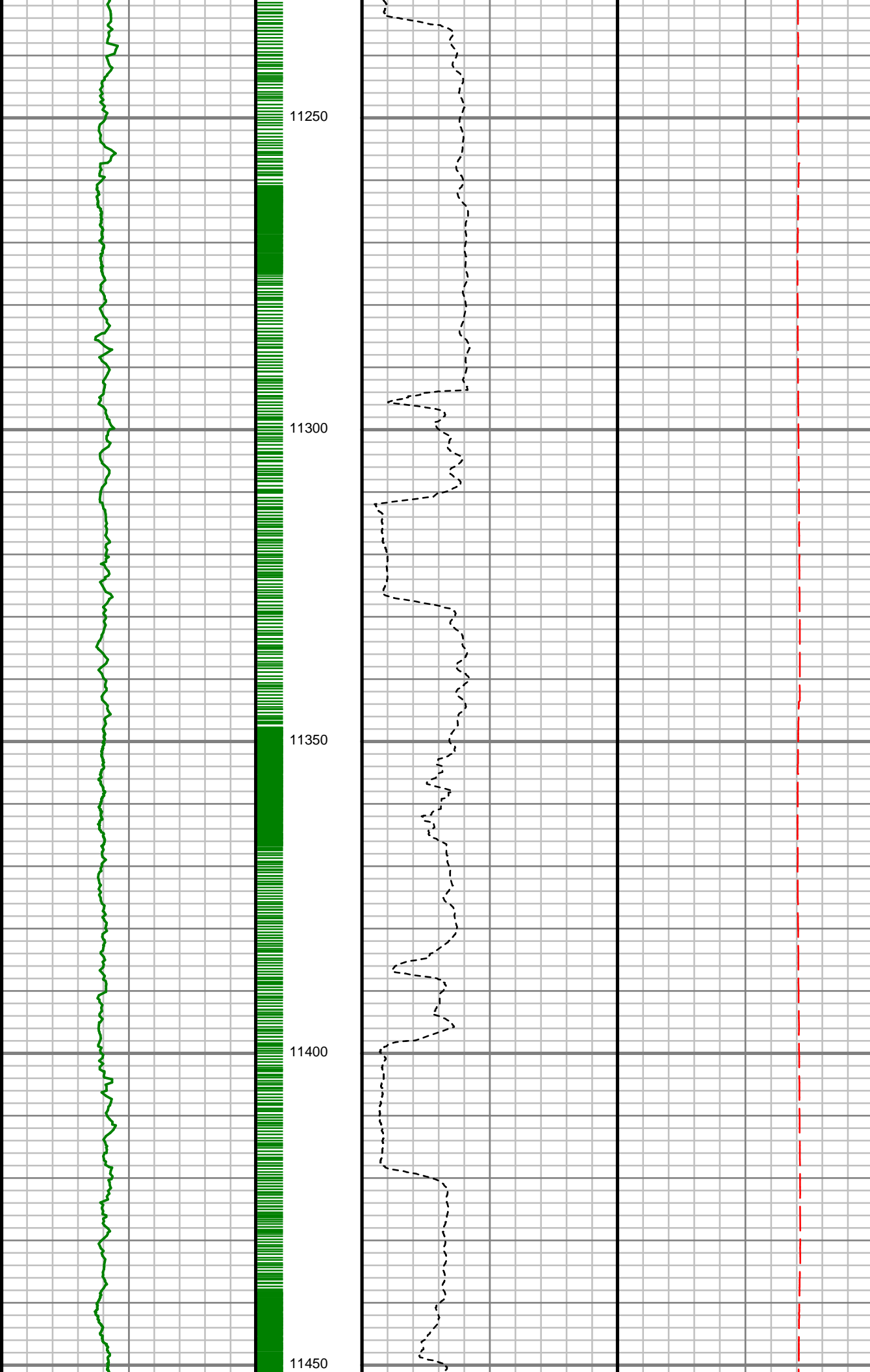
S: 101 MD: 10875.00 ft
Inc: 89.70 deg Az:
357.61 deg TVD:
7331.05 ft

S: 102 MD: 10966.00 ft
Inc: 89.90 deg Az:
357.89 deg TVD:
7331.37 ft



S: 103 MD: 11057.00 ft
Inc: 90.03 deg Az:
357.65 deg TVD:
7331.42 ft

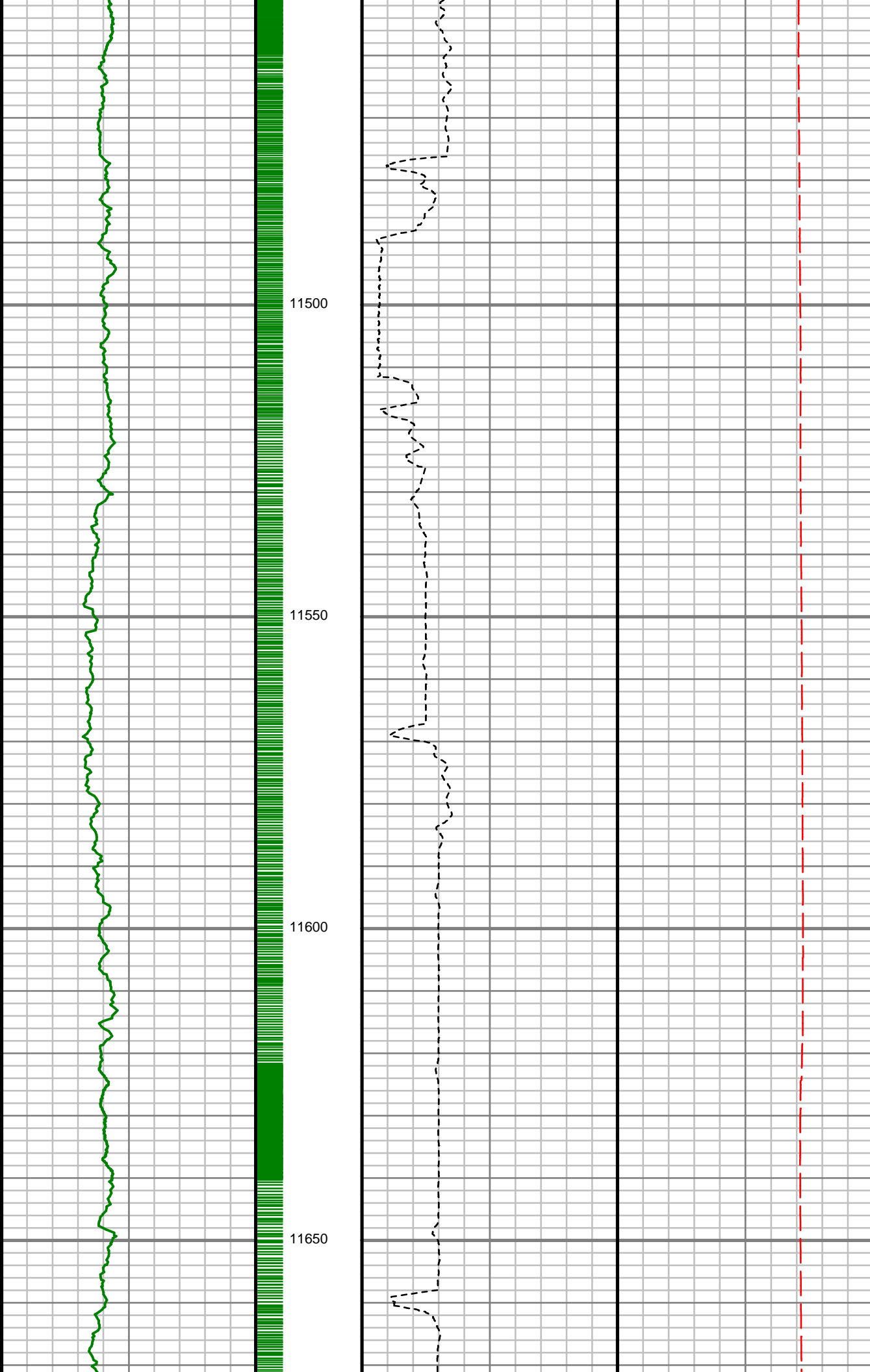
S: 104 MD: 11149.00 ft
Inc: 90.00 deg Az:
356.69 deg TVD:
7331.40 ft



S: 105 MD: 11240.00 ft
Inc: 89.93 deg Az:
356.58 deg TVD:
7331.45 ft

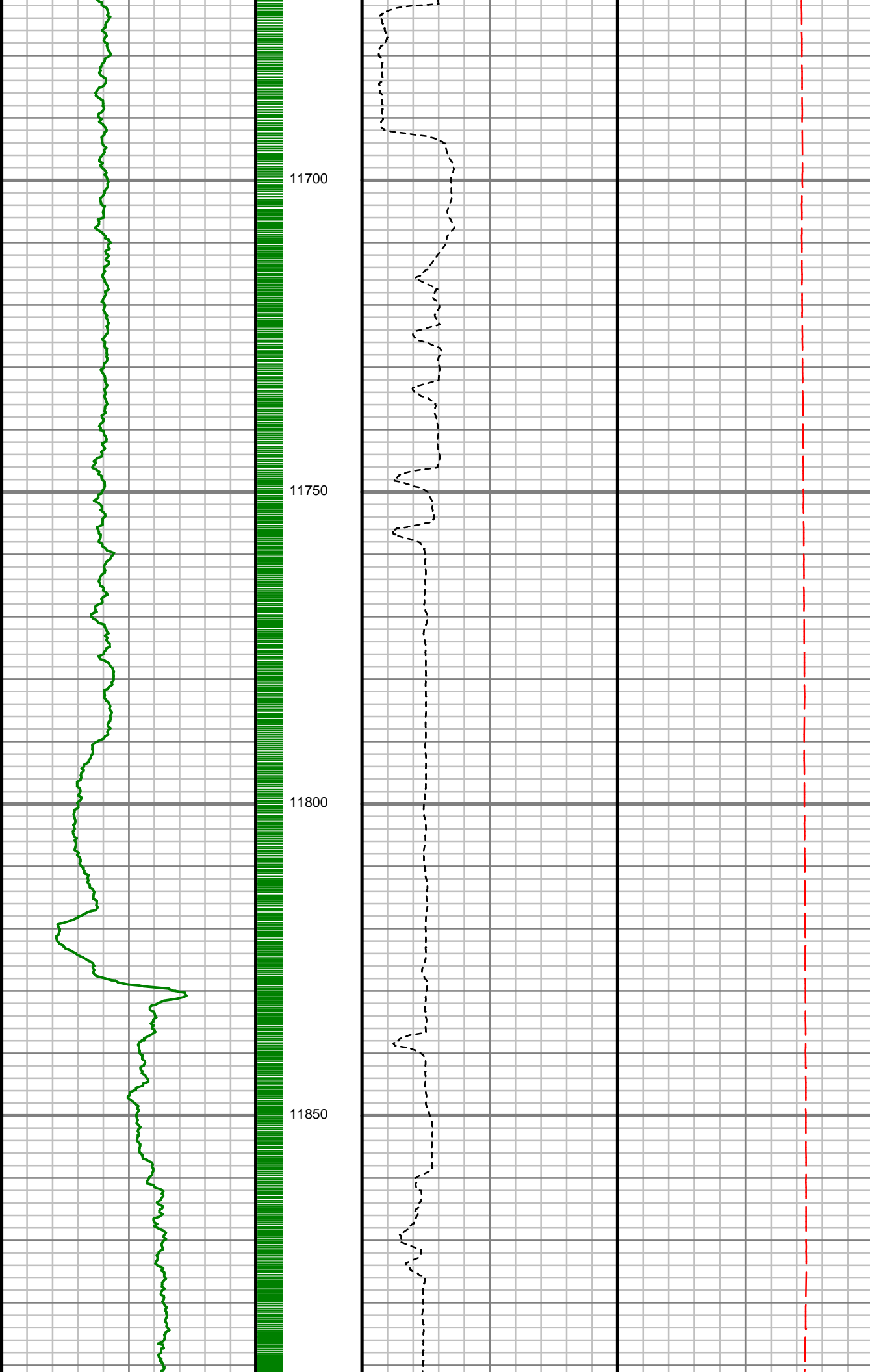
S: 106 MD: 11331.00 ft
Inc: 90.81 deg Az:
357.56 deg TVD:
7330.86 ft

S: 107 MD: 11423.00 ft
Inc: 90.23 deg Az:
357.98 deg TVD:
7330.03 ft



S: 108 MD: 11514.00 ft
Inc: 89.40 deg Az:
355.65 deg TVD:
7330.32 ft

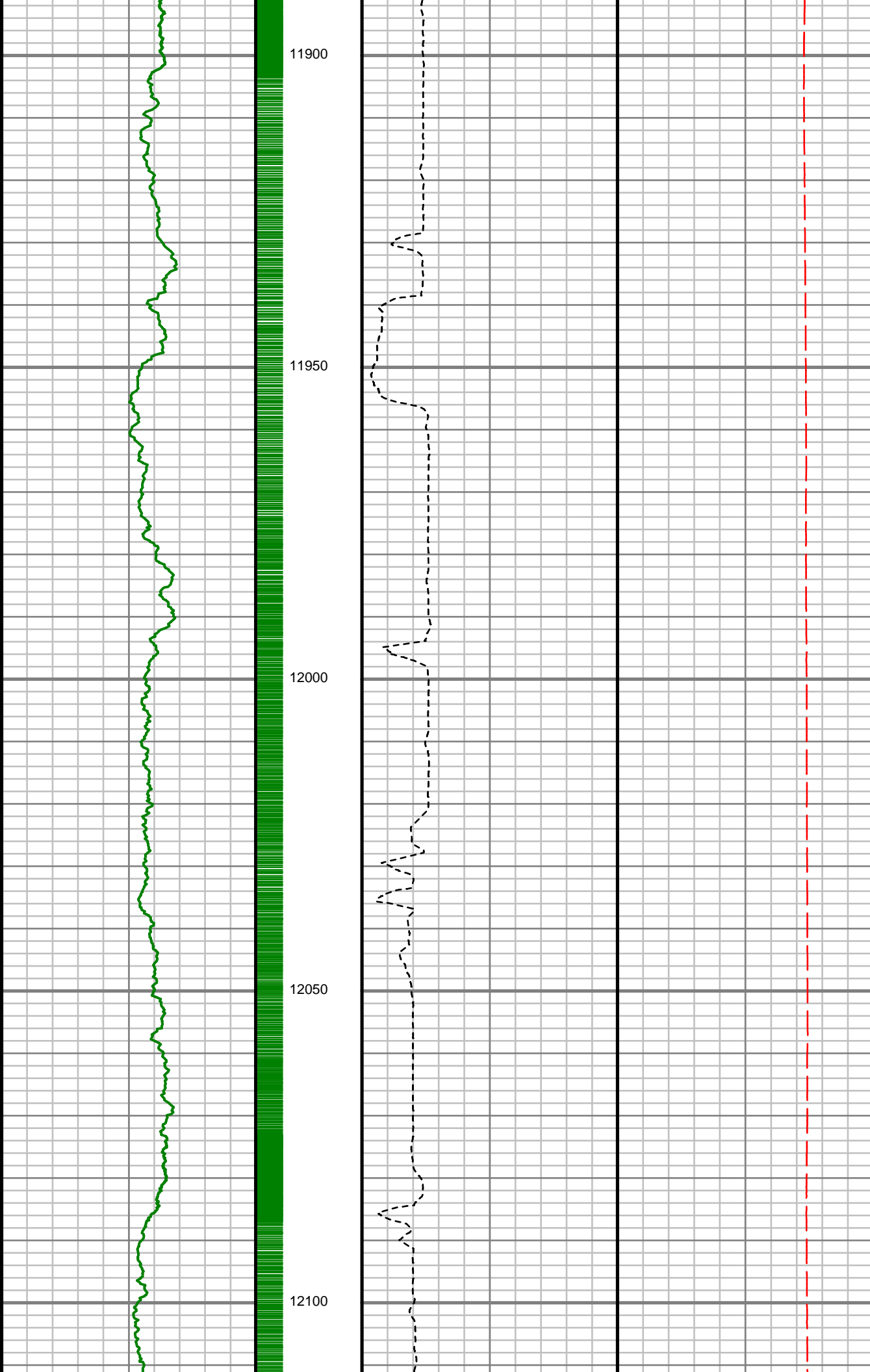
S: 109 MD: 11605.00 ft
Inc: 91.68 deg Az:
356.17 deg TVD:
7329.47 ft



S: 110 MD: 11696.00 ft
Inc: 88.82 deg Az:
353.93 deg TVD:
7329.07 ft

S: 111 MD: 11787.00 ft
Inc: 90.77 deg Az:
356.52 deg TVD:
7329.39 ft

S: 112 MD: 11879.00 ft
Inc: 91.58 deg Az:
356.34 deg TVD:
7327.50 ft



11900

11950

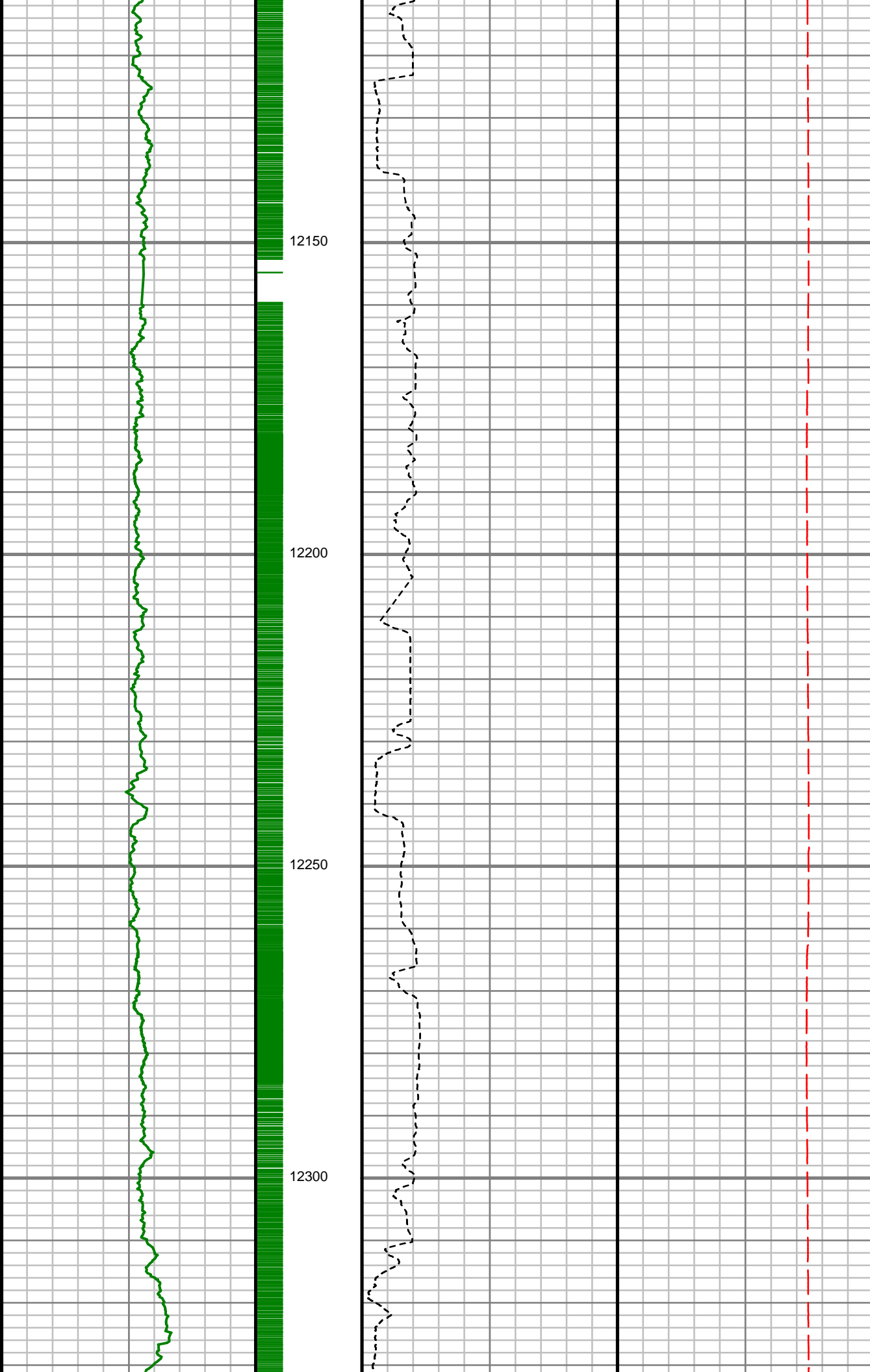
12000

12050

12100

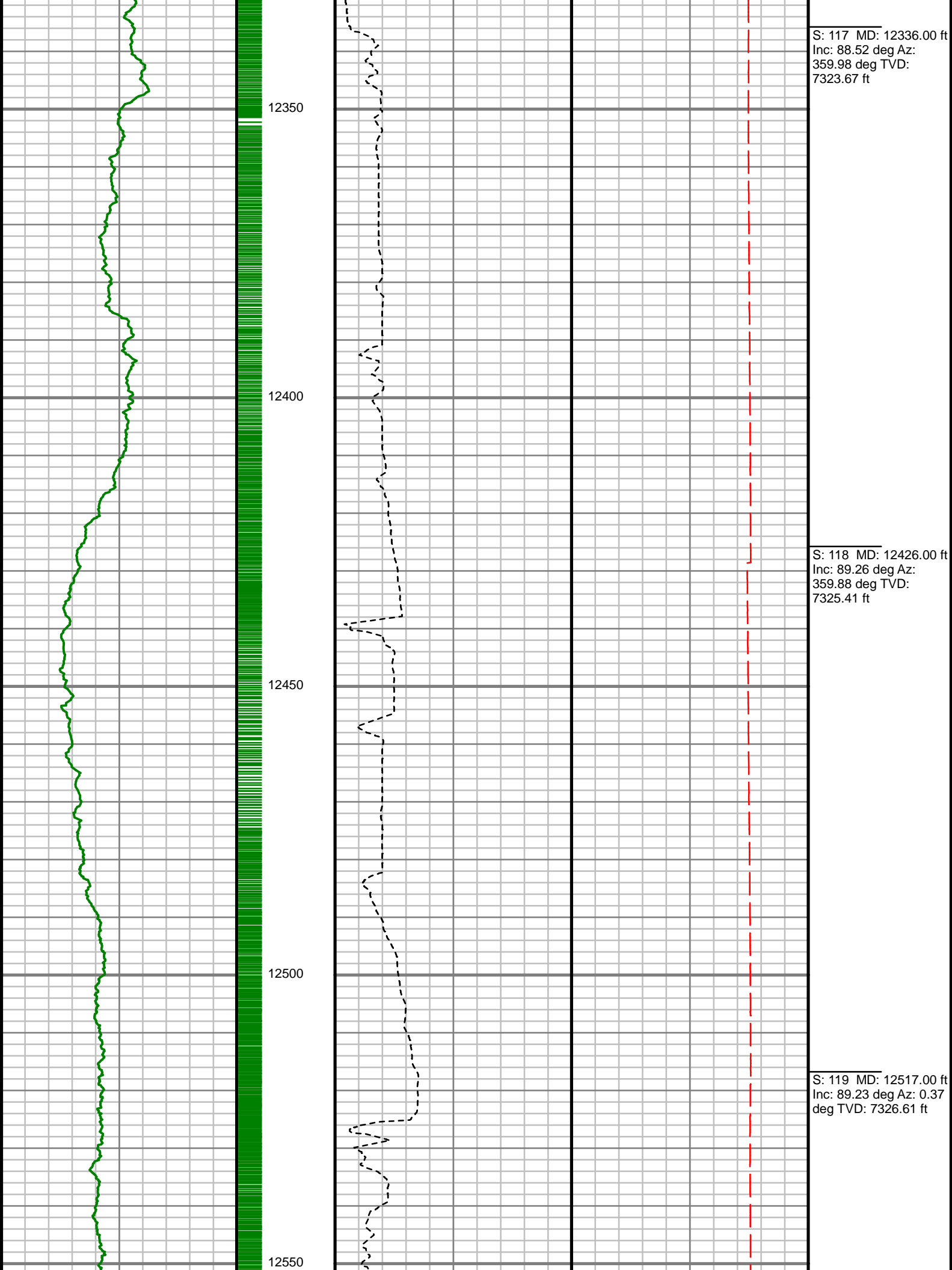
S: 113 MD: 11970.00 ft
Inc: 90.94 deg Az:
358.29 deg TVD:
7325.51 ft

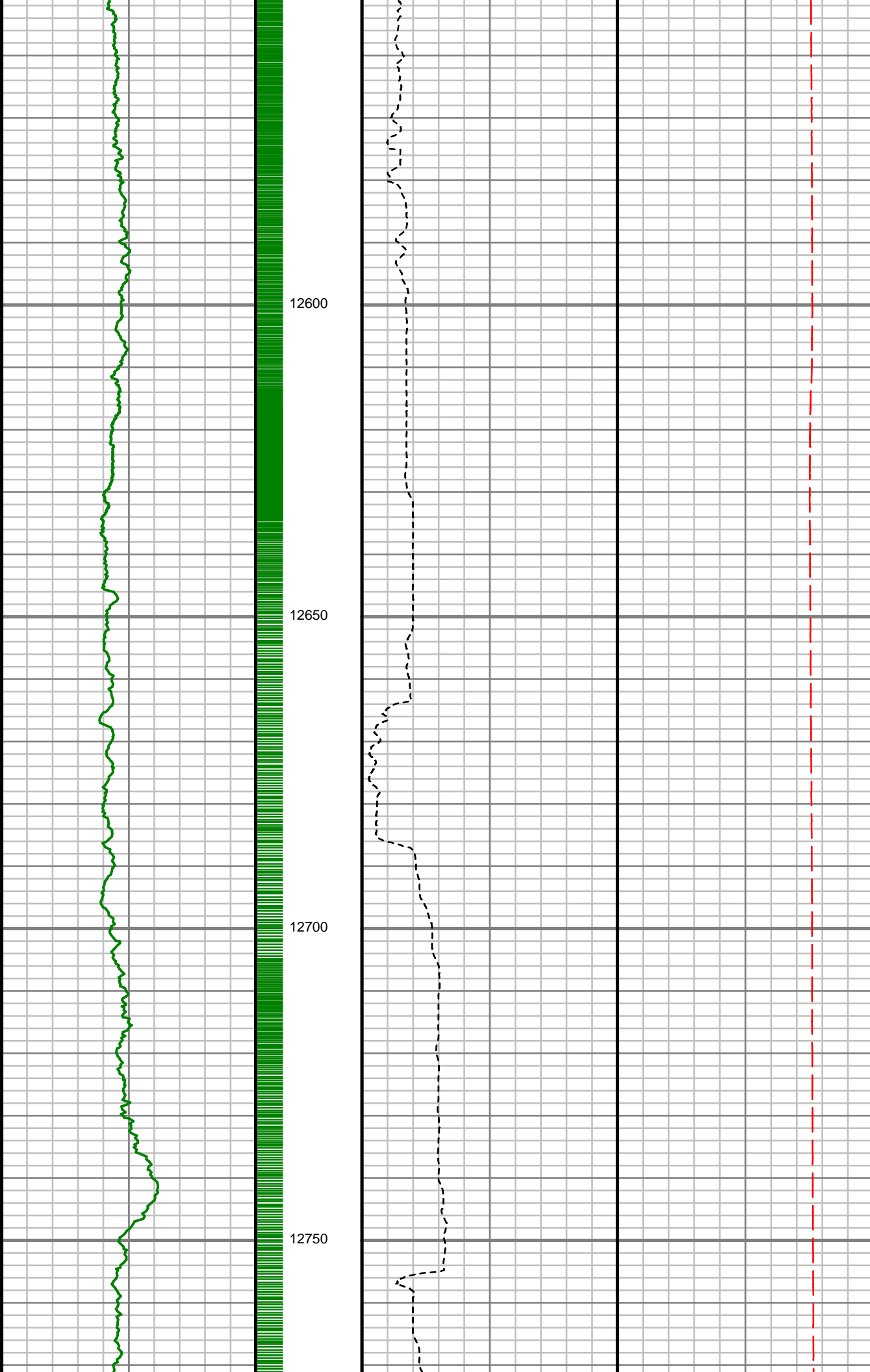
S: 114 MD: 12062.00 ft
Inc: 91.91 deg Az:
358.03 deg TVD:
7323.22 ft



S: 115 MD: 12153.00 ft
Inc: 89.83 deg Az:
358.00 deg TVD:
7321.83 ft

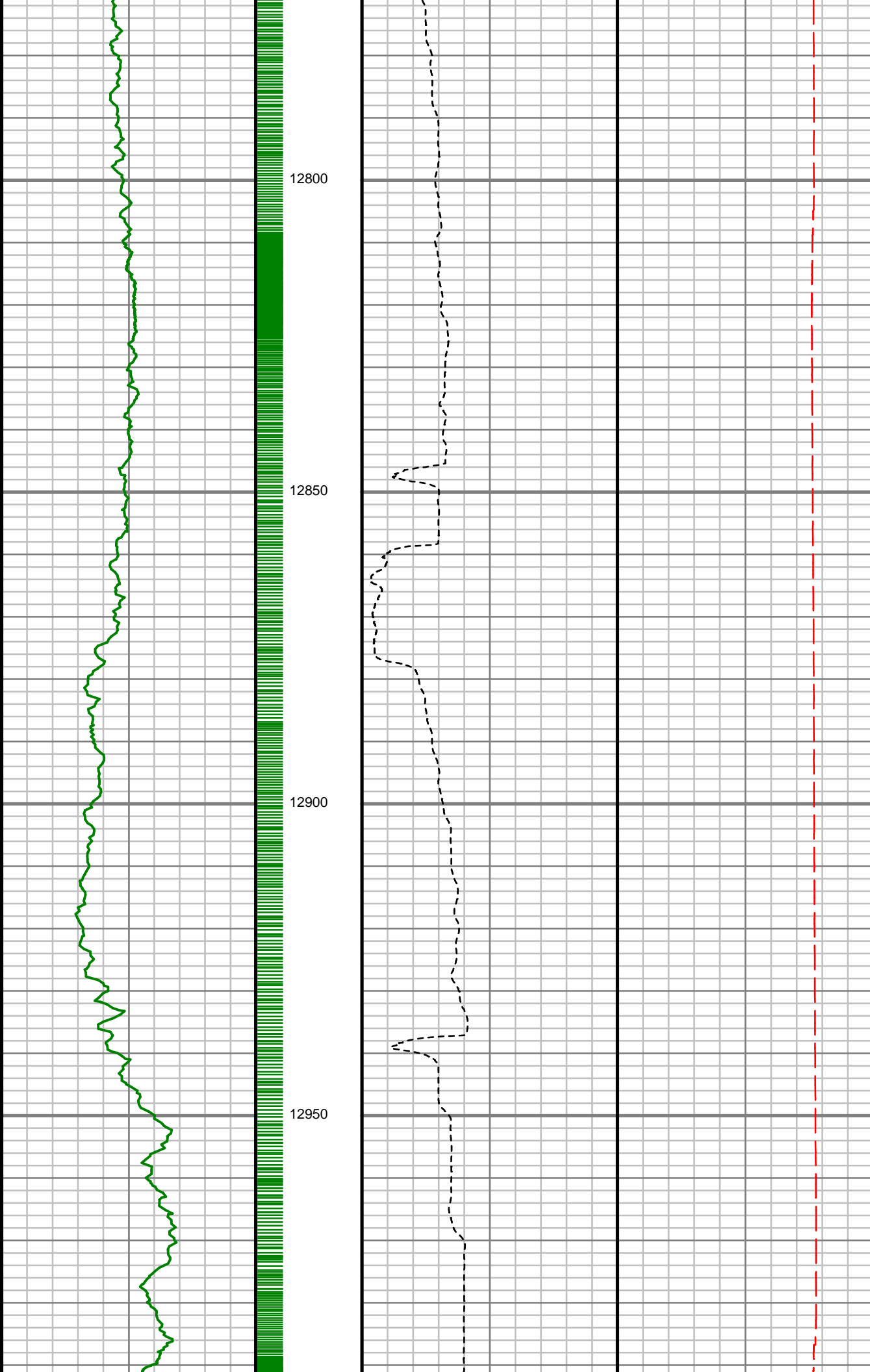
S: 116 MD: 12245.00 ft
Inc: 89.66 deg Az:
357.65 deg TVD:
7322.23 ft





S: 120 MD: 12608.00 ft
Inc: 90.57 deg Az: 1.43
deg TVD: 7326.77 ft

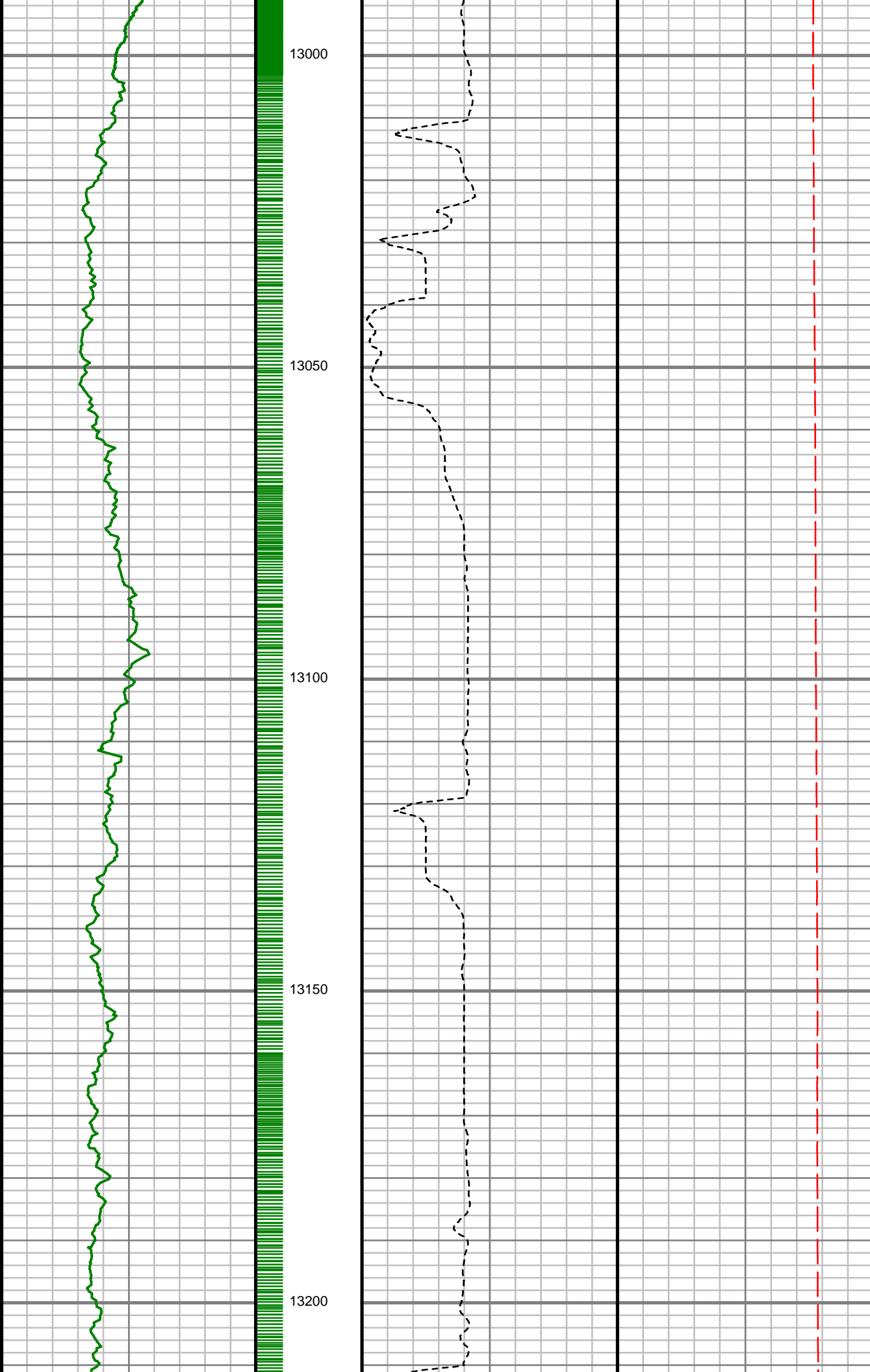
S: 121 MD: 12700.00 ft
Inc: 89.56 deg Az: 0.06
deg TVD: 7326.67 ft



S: 122 MD: 12791.00 ft
Inc: 90.17 deg Az: 0.95
deg TVD: 7326.88 ft

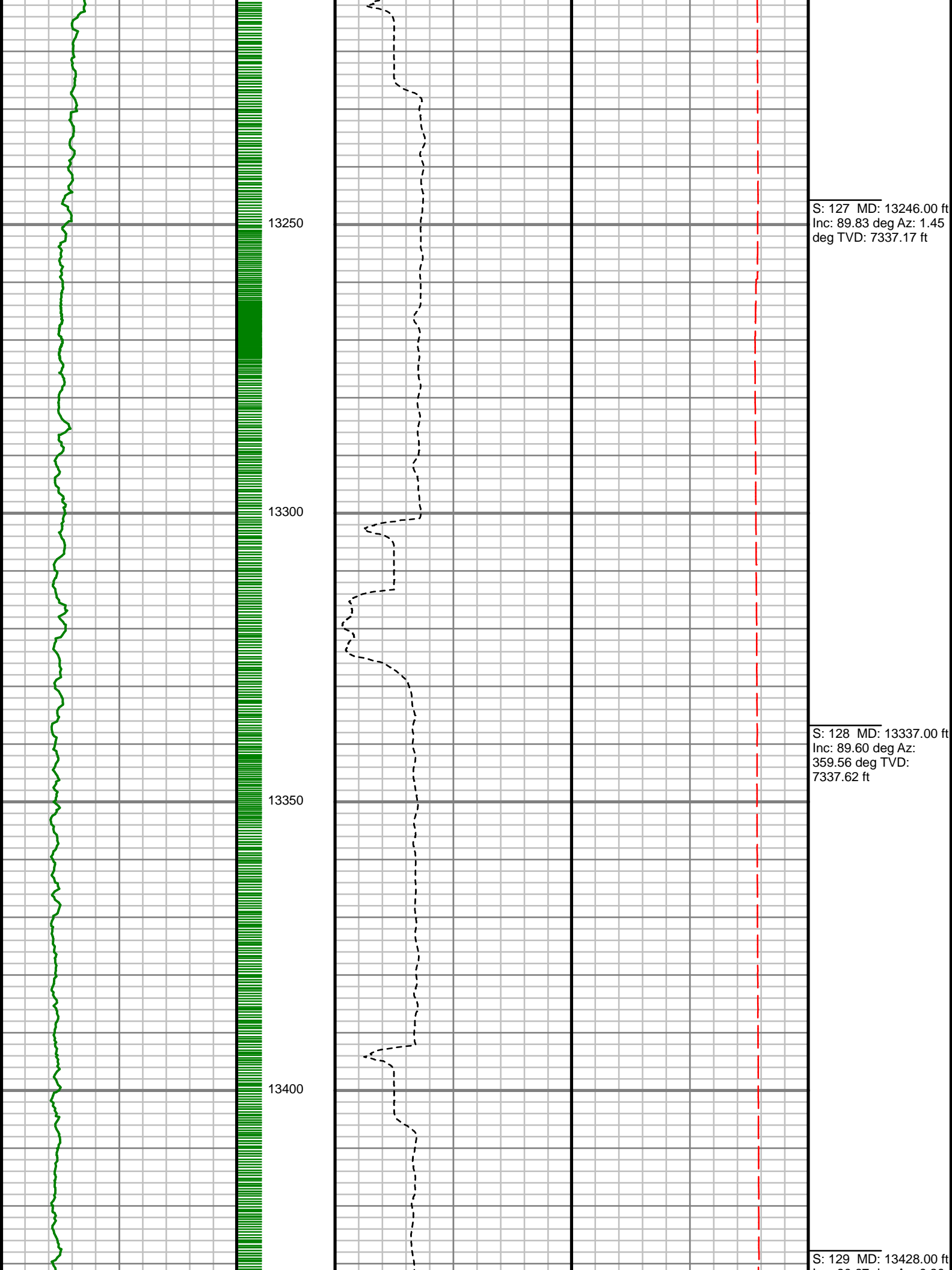
S: 123 MD: 12882.00 ft
Inc: 88.12 deg Az:
358.82 deg TVD:
7328.24 ft

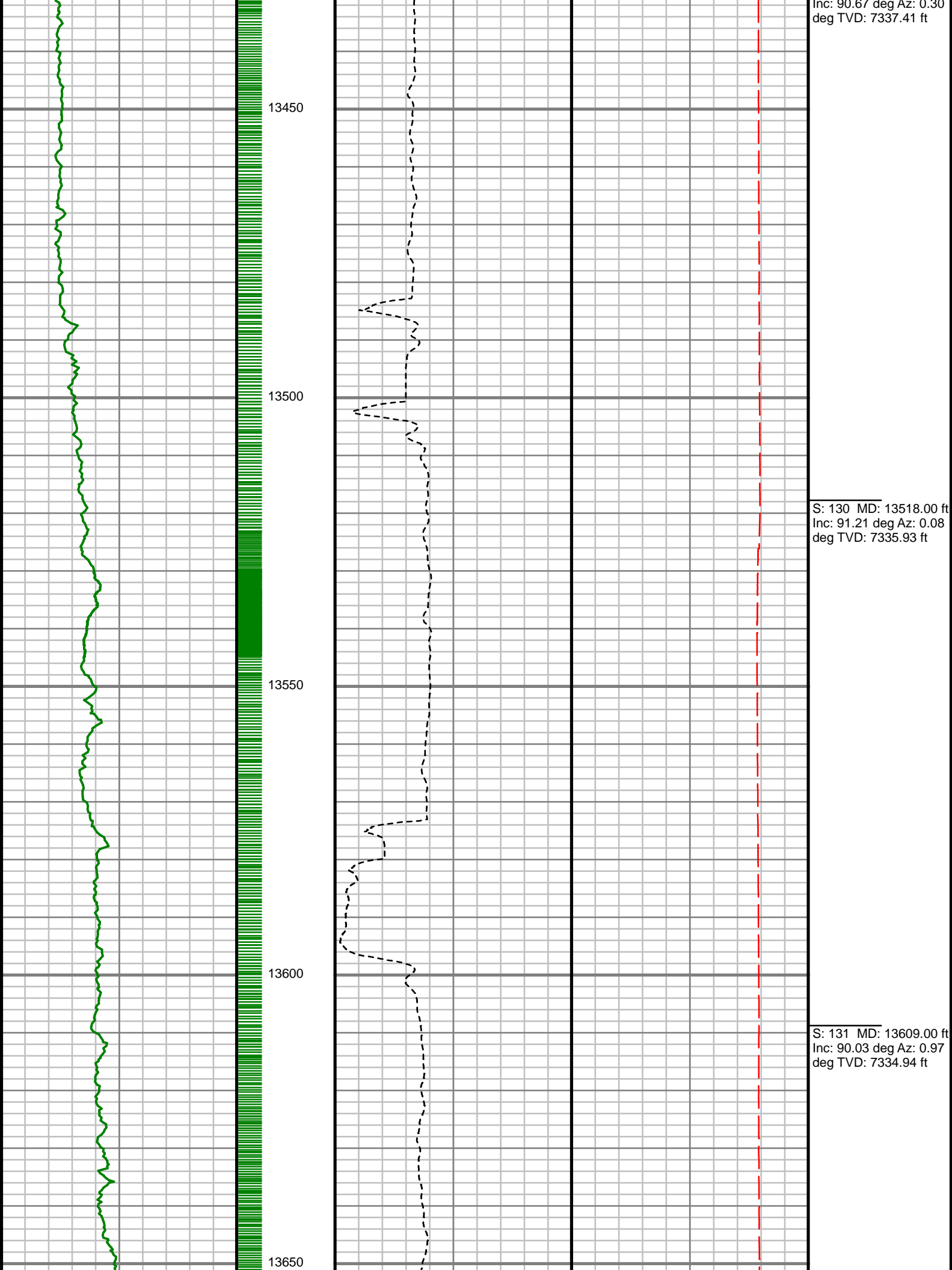
S: 124 MD: 12973.00 ft
Inc: 88.29 deg Az:
358.93 deg TVD:
7331.09 ft

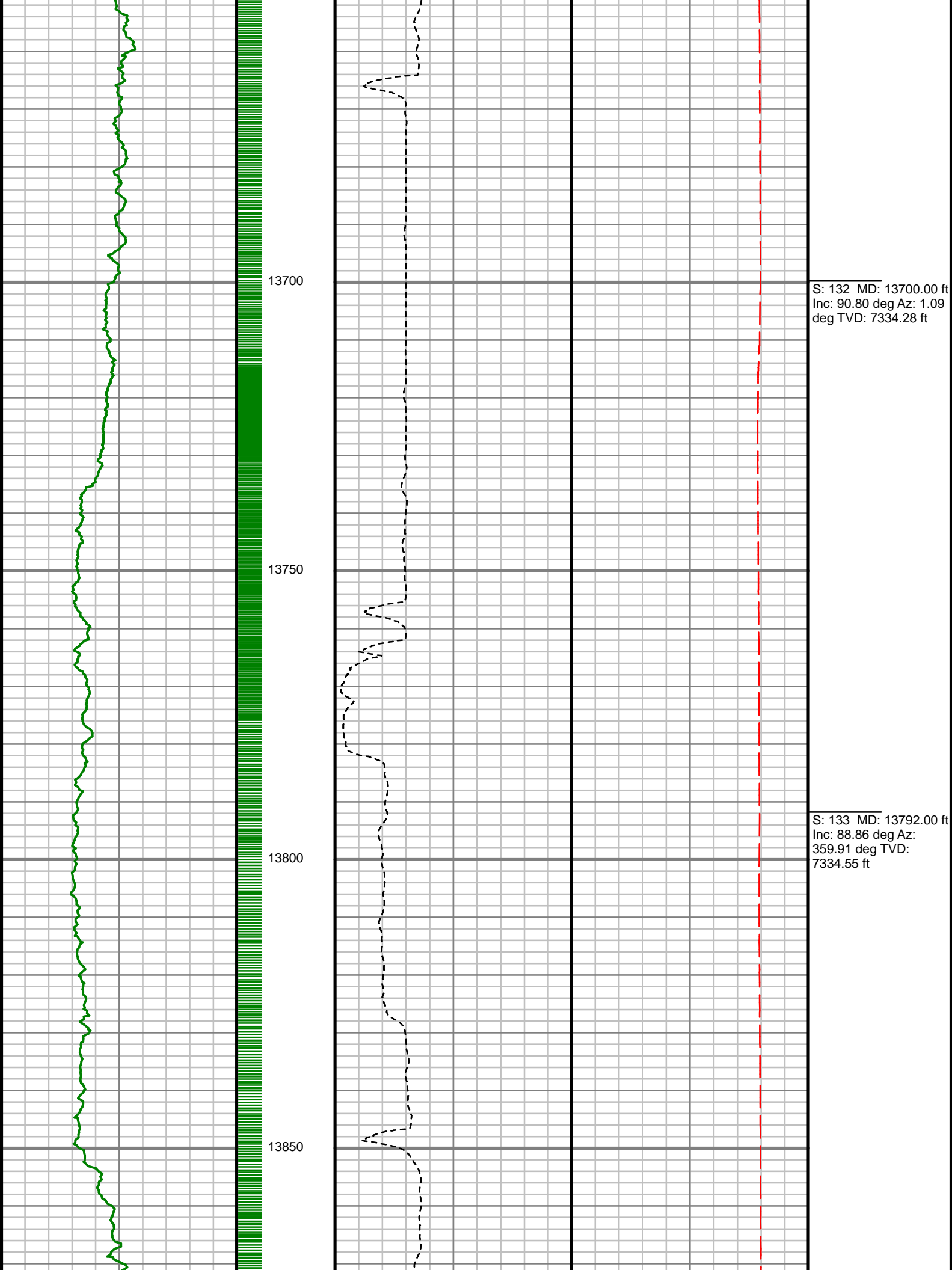


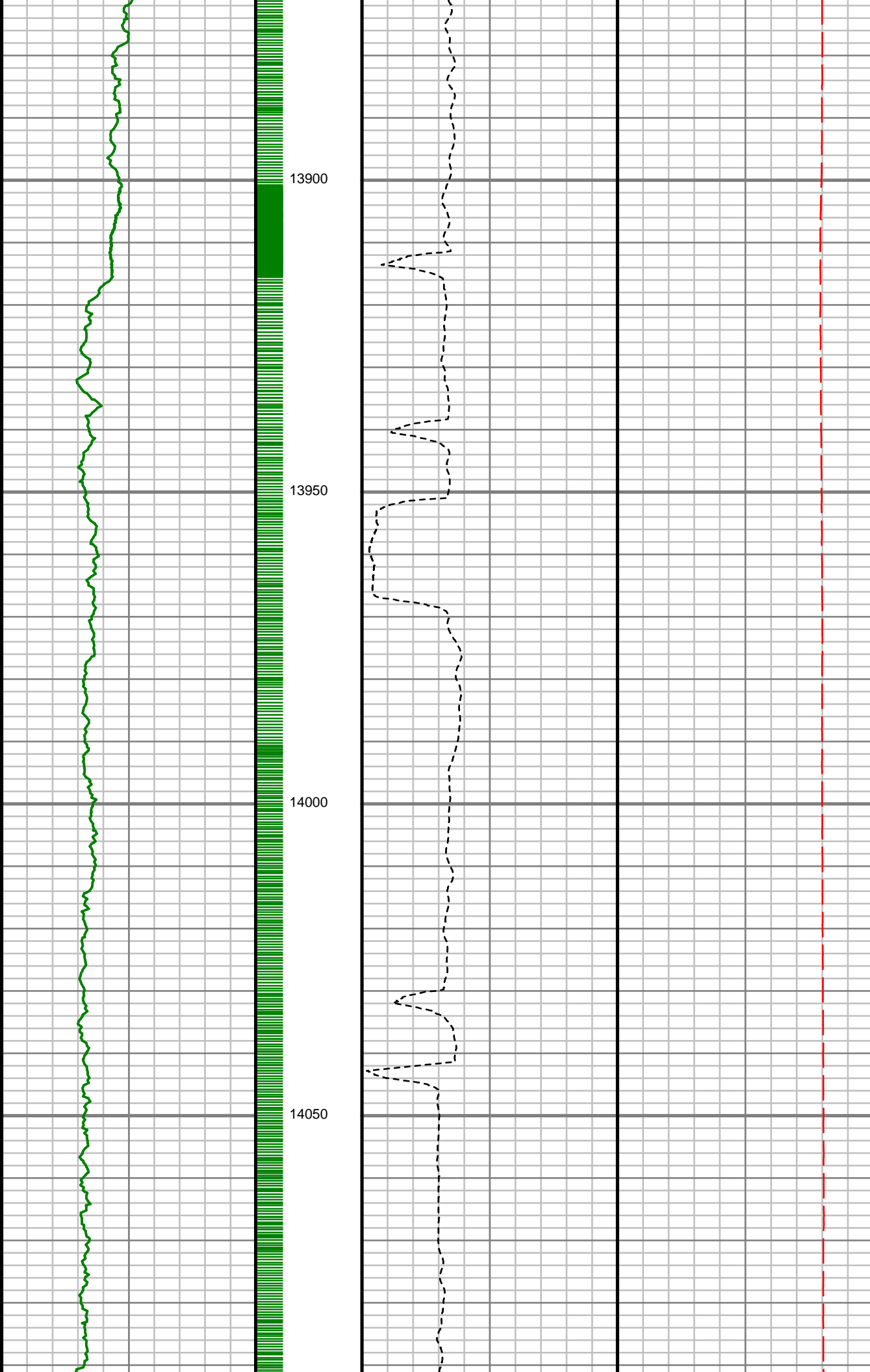
S: 125 MD: 13064.00 ft
Inc: 88.36 deg Az: 1.08
deg TVD: 7333.76 ft

S: 126 MD: 13155.00 ft
Inc: 88.76 deg Az: 0.64
deg TVD: 7336.05 ft





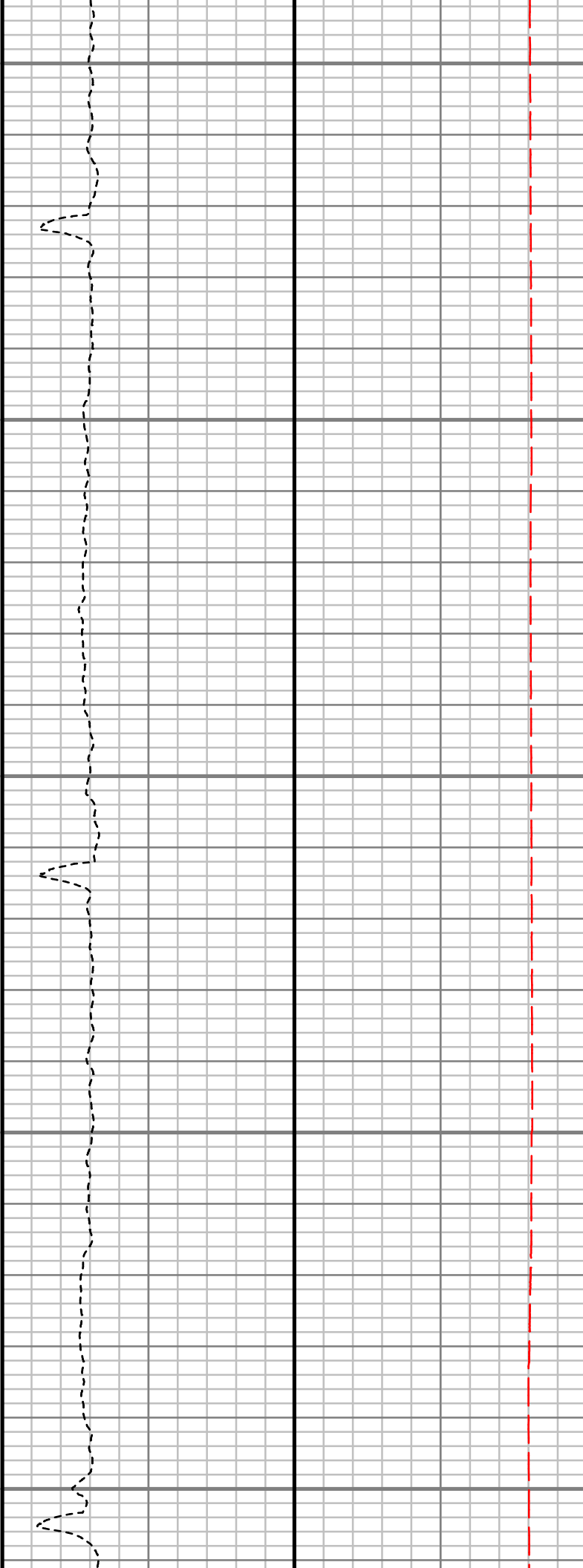
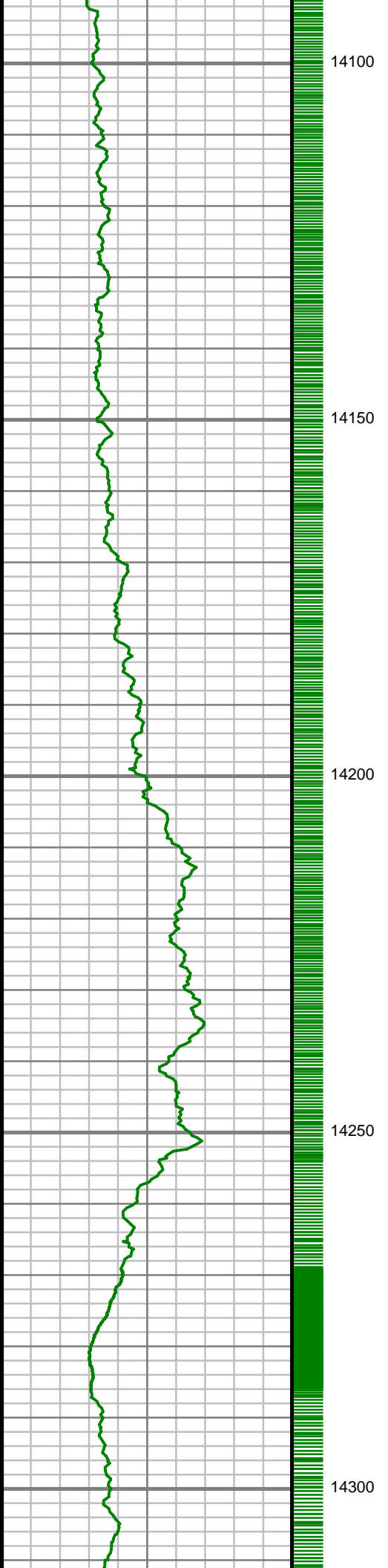




S: 134 MD: 13883.00 ft
Inc: 90.91 deg Az: 0.39
deg TVD: 7334.73 ft

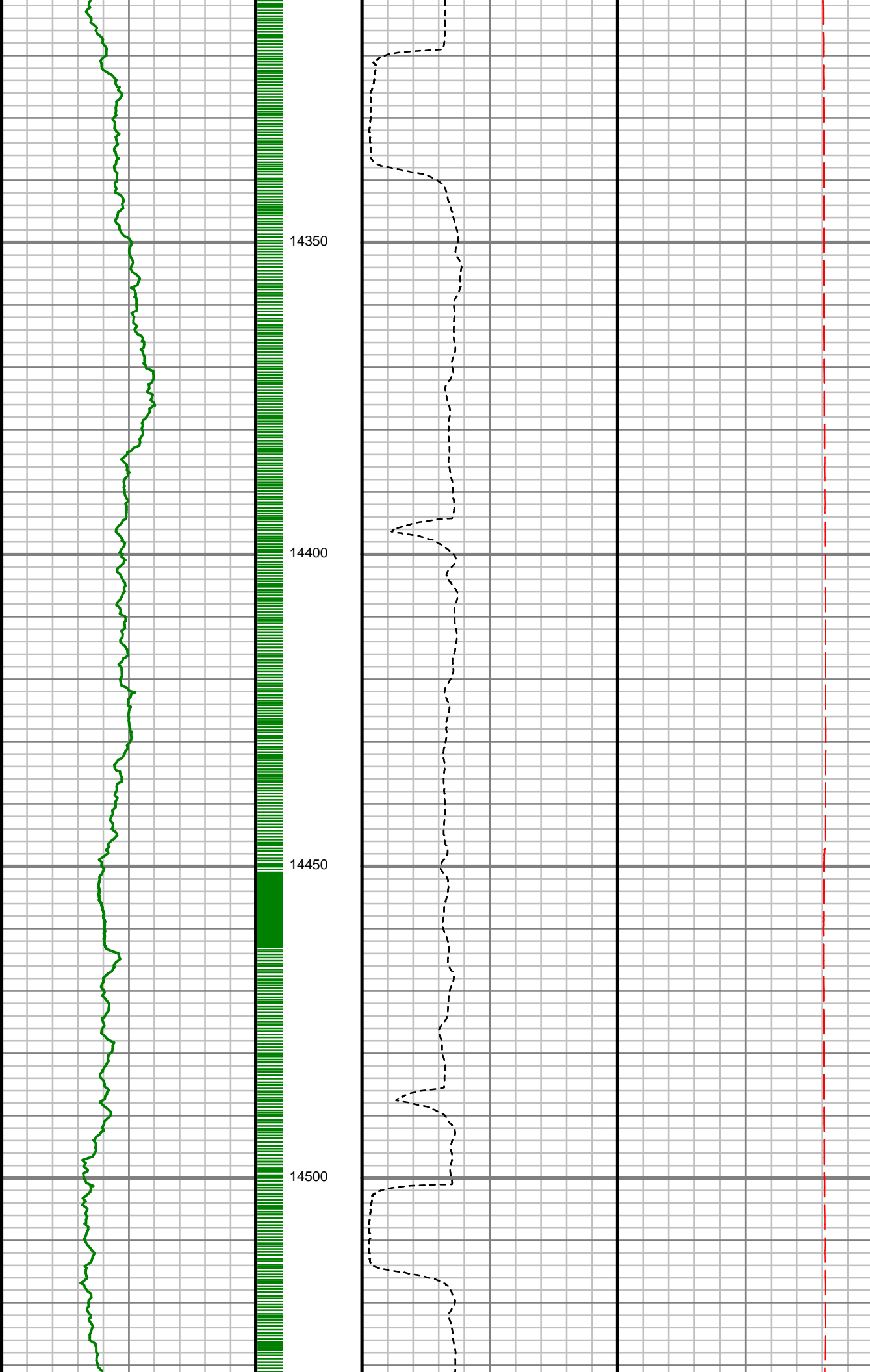
S: 135 MD: 13975.00 ft
Inc: 88.56 deg Az:
359.24 deg TVD:
7335.17 ft

S: 136 MD: 14066.00 ft
Inc: 90.07 deg Az:
359.54 deg TVD:
7336.26 ft



S: 137 MD: 14157.00 ft
Inc: 90.47 deg Az:
359.28 deg TVD:
7335.83 ft

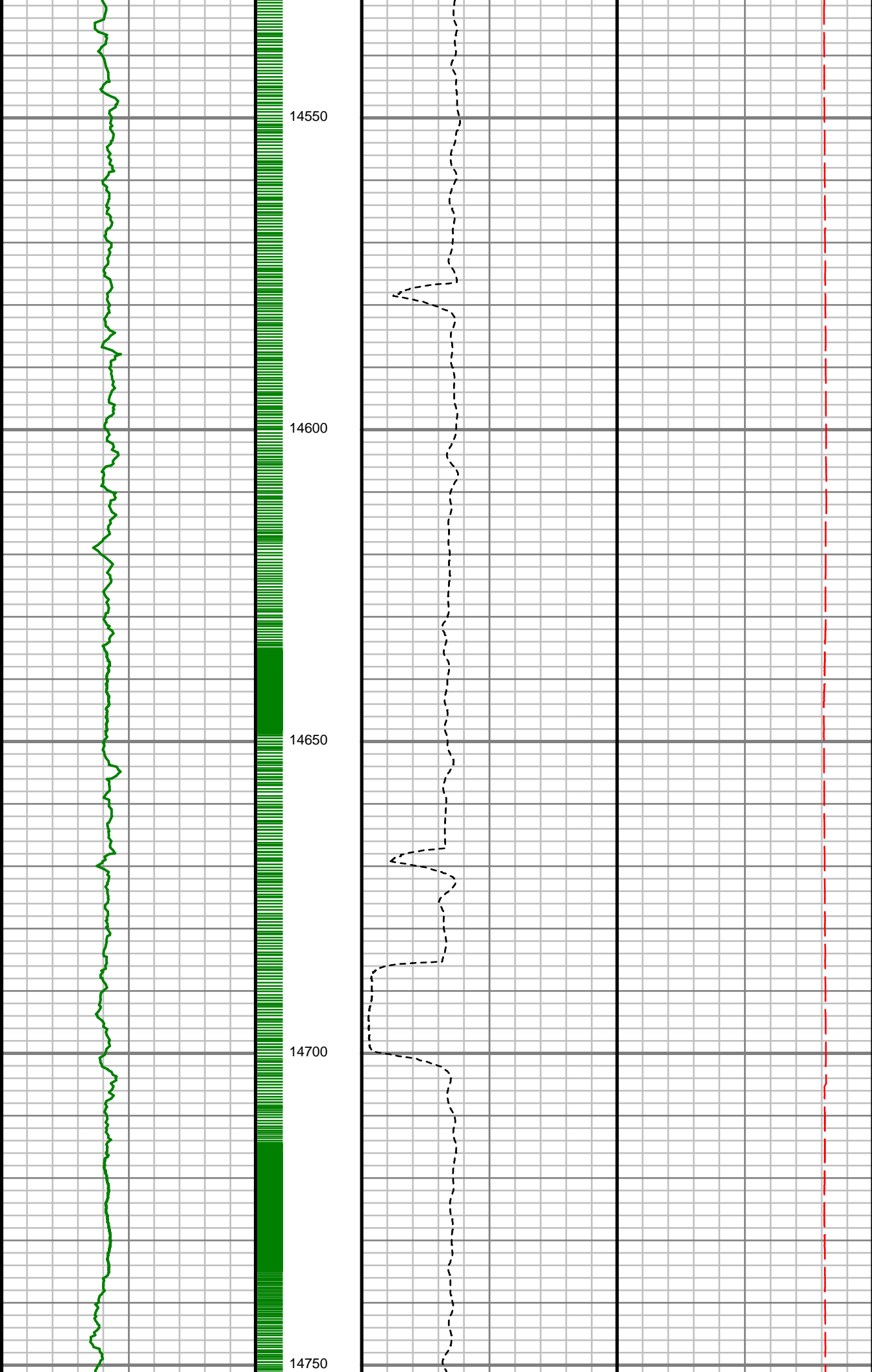
S: 138 MD: 14249.00 ft
Inc: 91.71 deg Az:
359.04 deg TVD:
7334.08 ft



S: 139 MD: 14339.00 ft
Inc: 90.27 deg Az:
359.80 deg TVD:
7332.52 ft

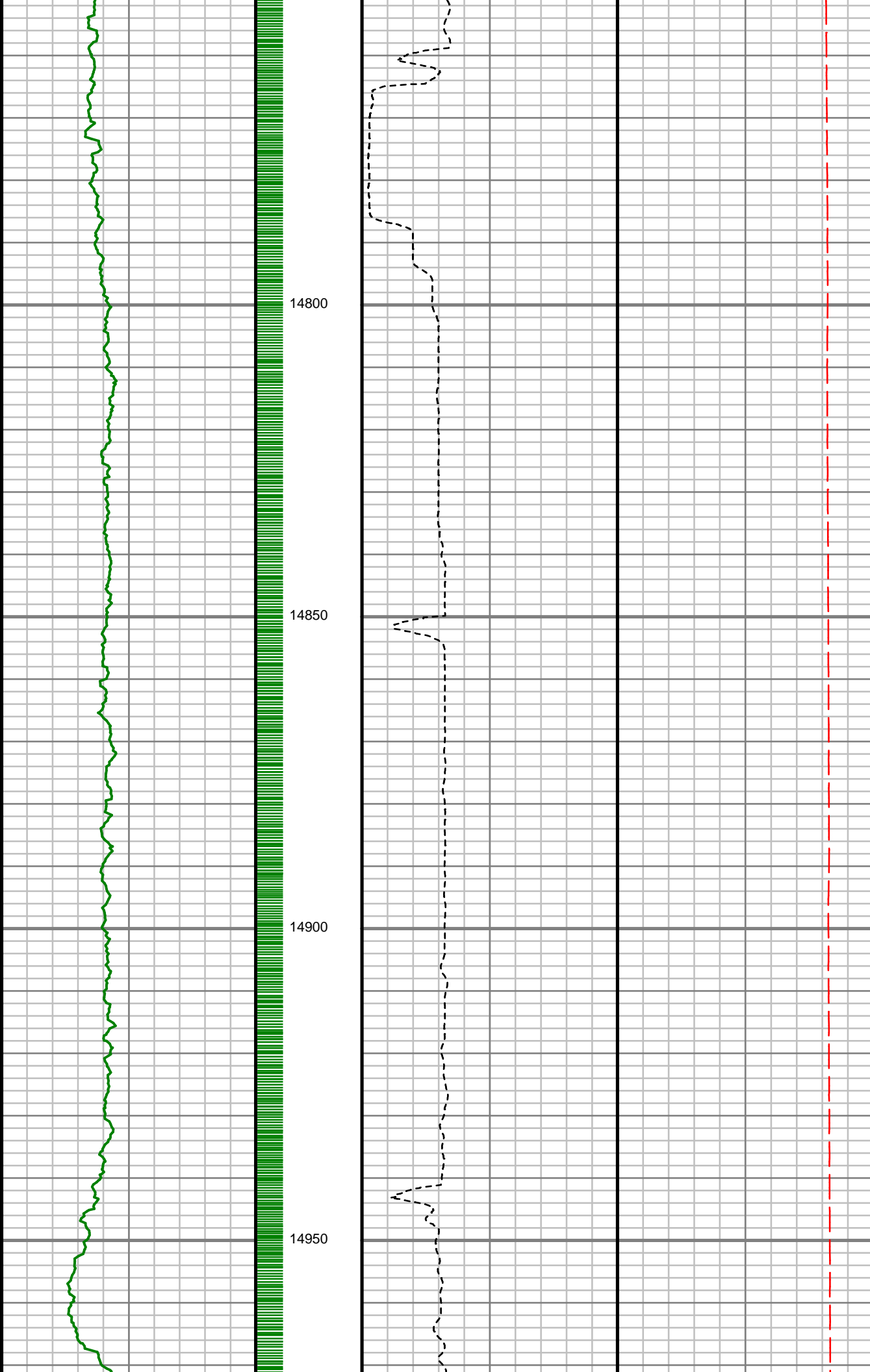
S: 140 MD: 14431.00 ft
Inc: 90.50 deg Az:
358.93 deg TVD:
7331.91 ft

S: 141 MD: 14522.00 ft
Inc: 89.13 deg Az:
359.41 deg TVD:
7332 20 ft



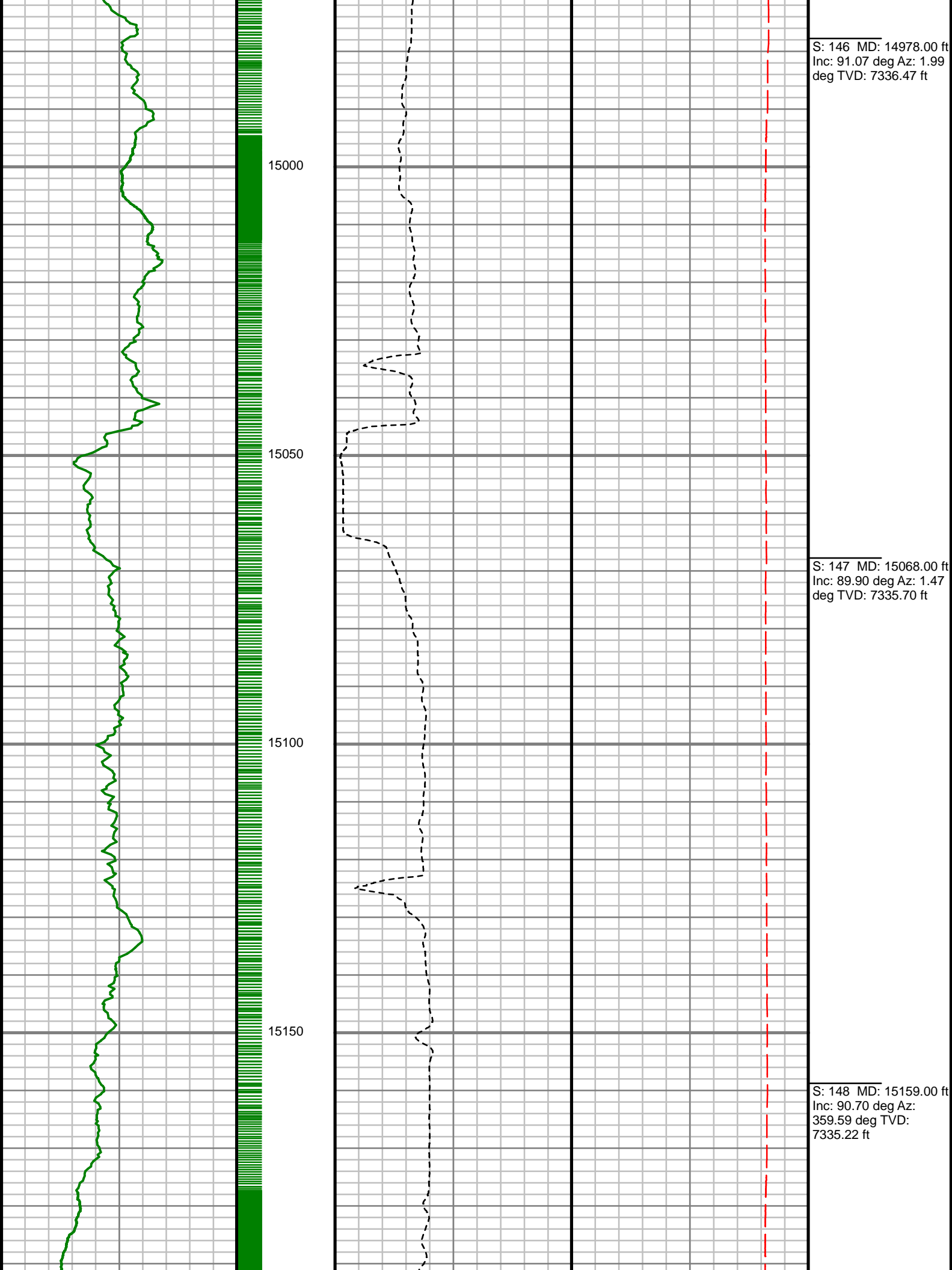
S: 142 MD: 14612.00 ft
Inc: 89.30 deg Az:
358.86 deg TVD:
7333.44 ft

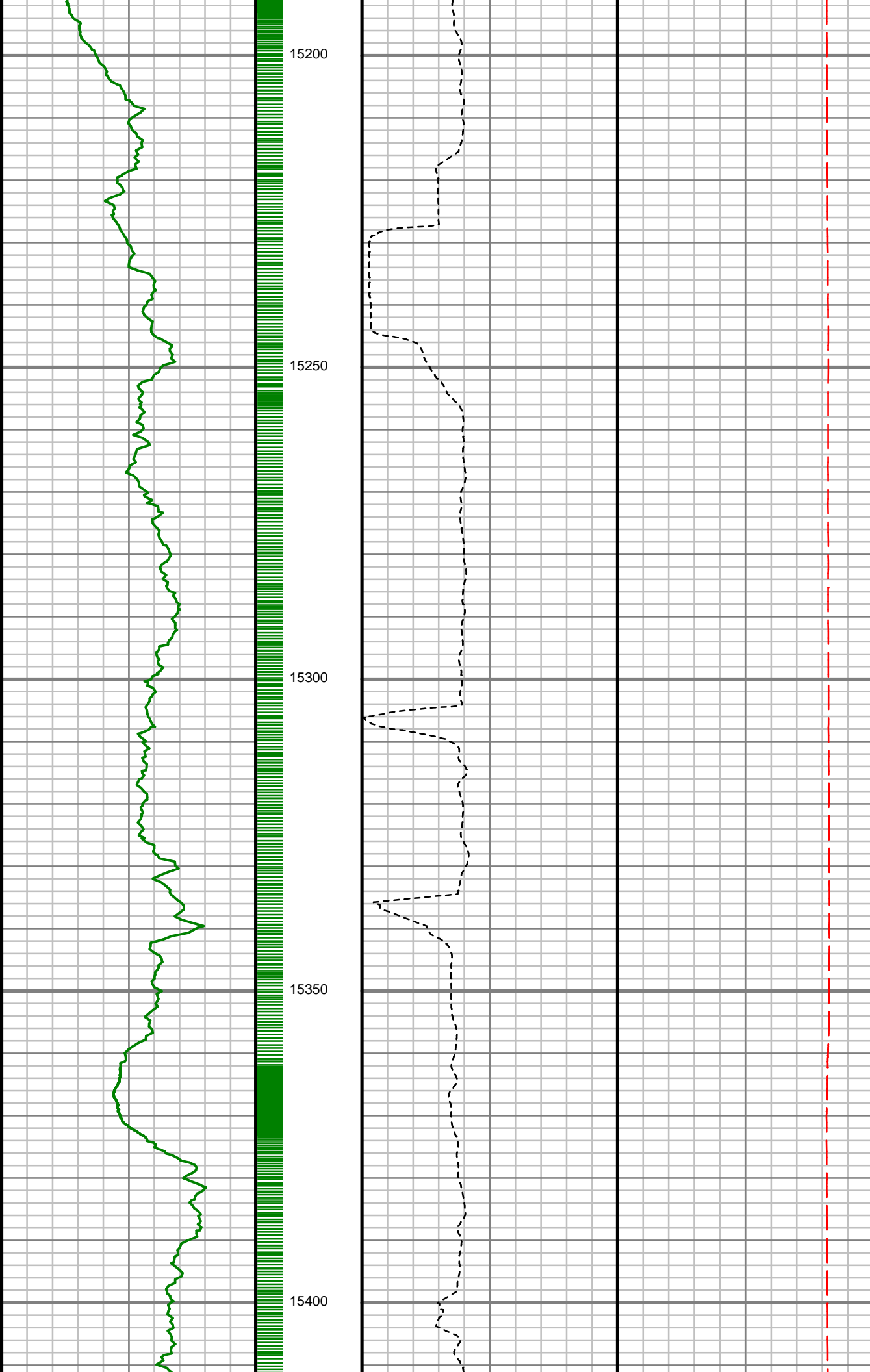
S: 143 MD: 14704.00 ft
Inc: 89.26 deg Az:
359.01 deg TVD:
7334.59 ft



S: 144 MD: 14795.00 ft
Inc: 88.56 deg Az: 2.06
deg TVD: 7336.32 ft

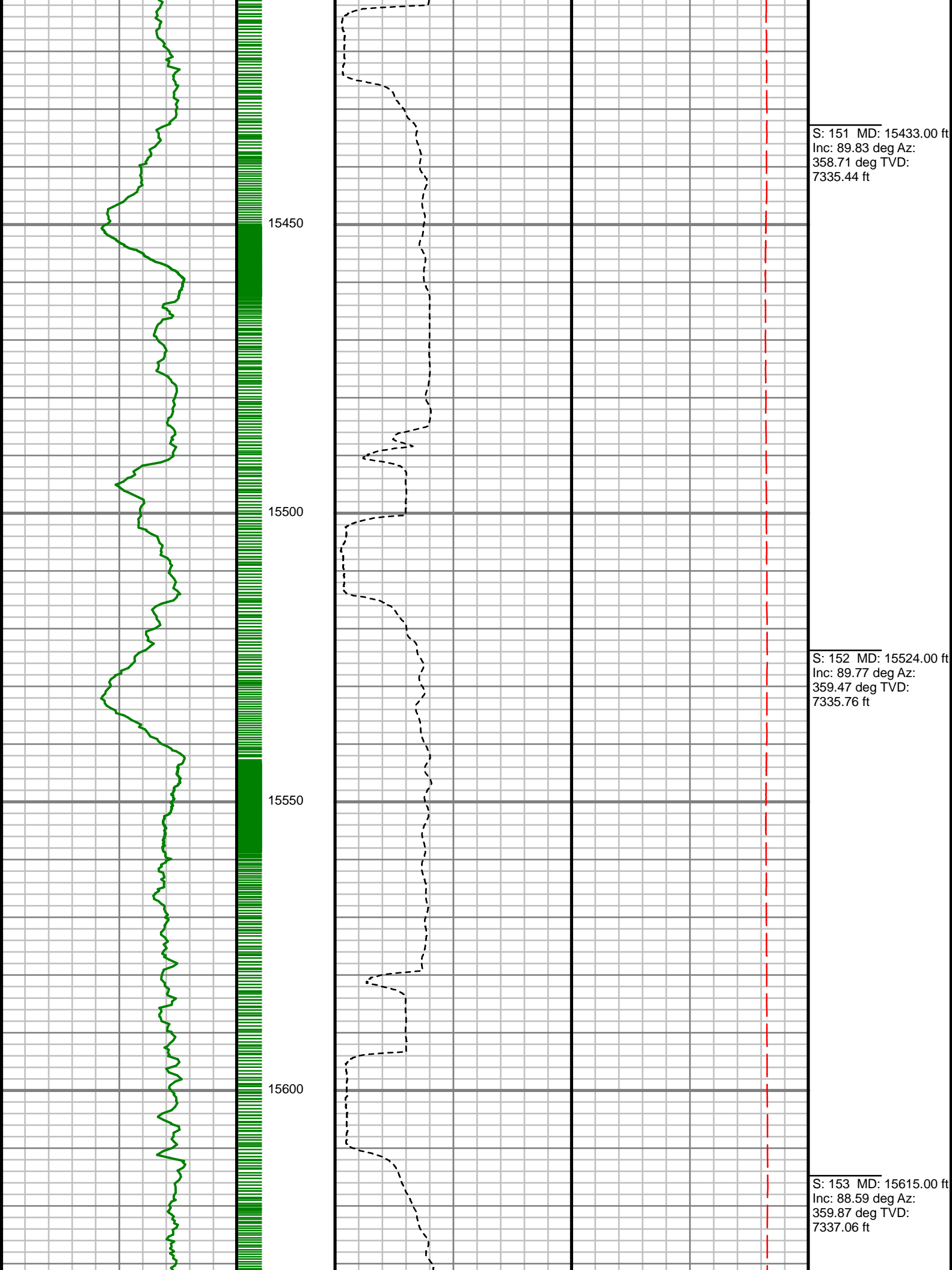
S: 145 MD: 14887.00 ft
Inc: 90.10 deg Az: 2.22
deg TVD: 7337.40 ft

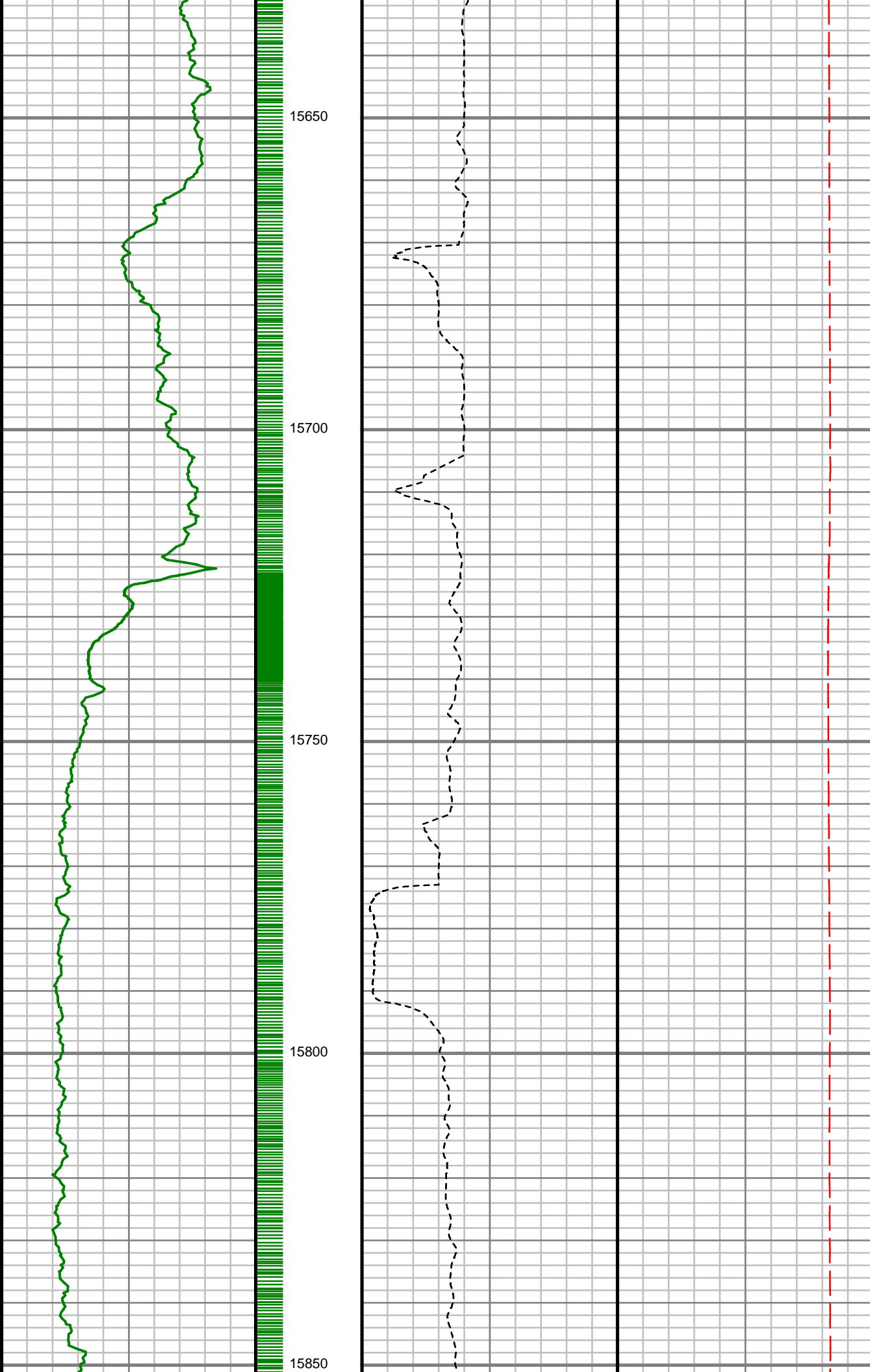




S: 149 MD: 15251.00 ft
Inc: 89.16 deg Az:
359.97 deg TVD:
7335.33 ft

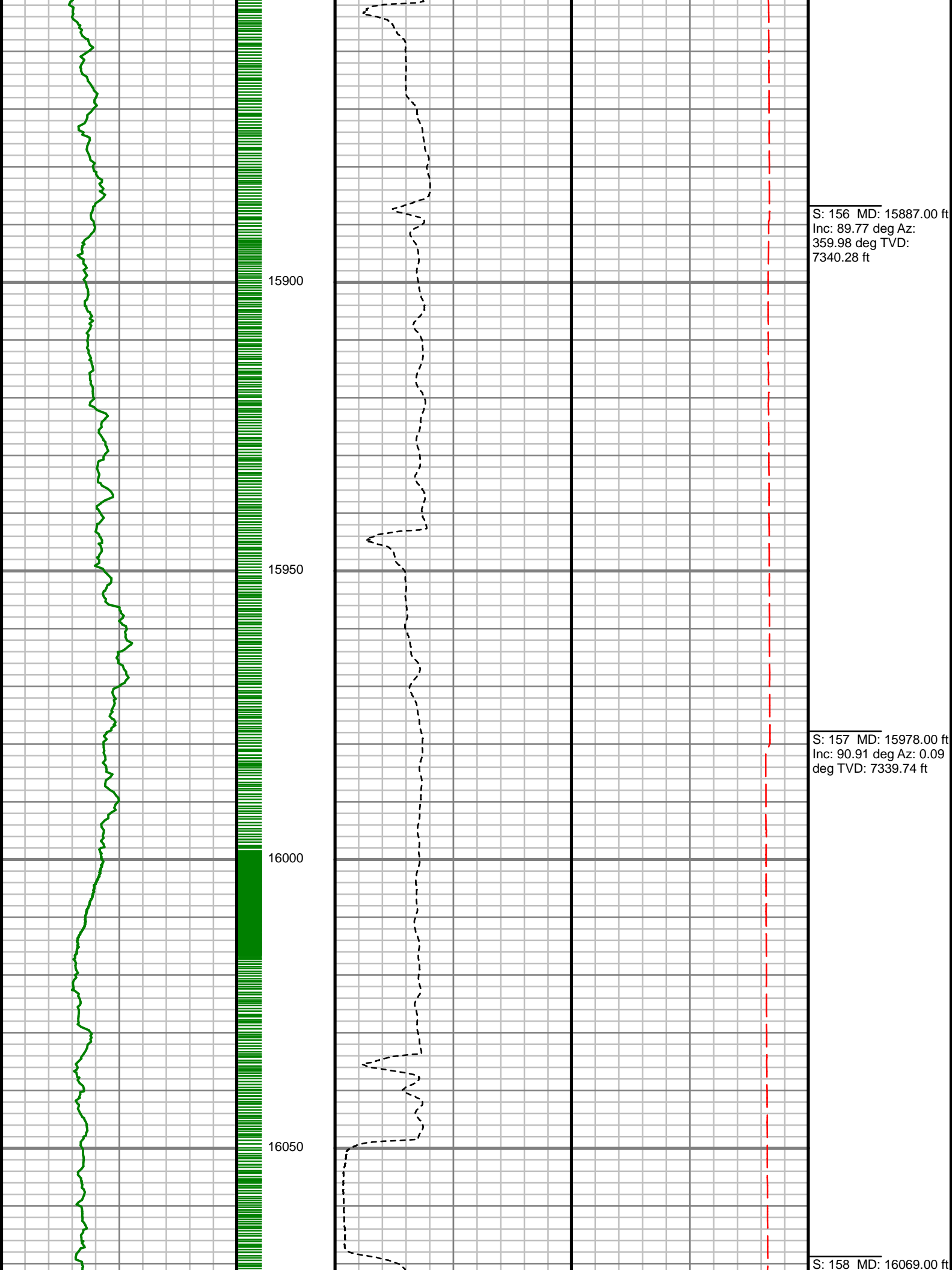
S: 150 MD: 15342.00 ft
Inc: 90.44 deg Az:
359.53 deg TVD:
7335.65 ft





S: 154 MD: 15705.00 ft
Inc: 90.03 deg Az:
359.36 deg TVD:
7338.14 ft

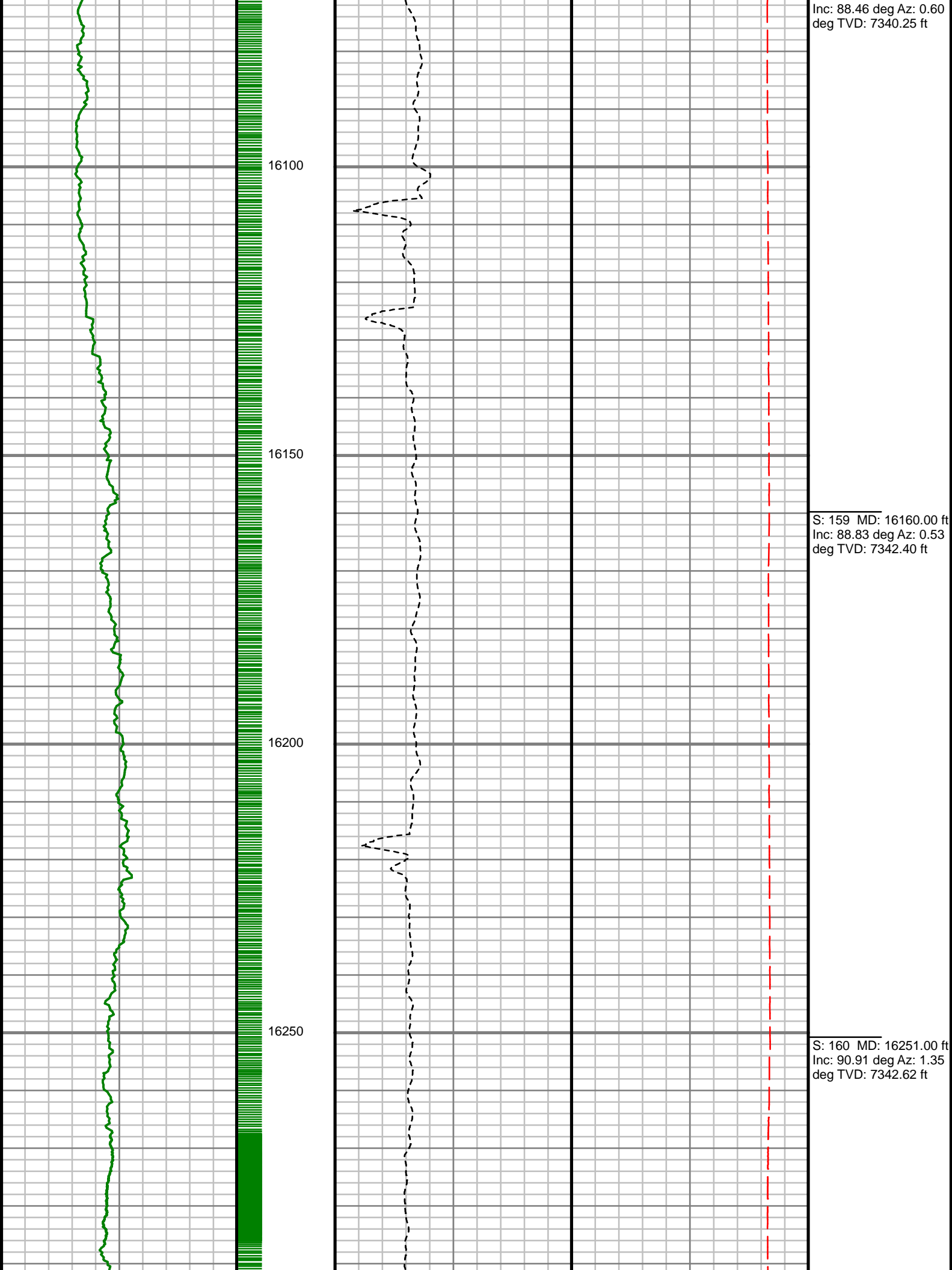
S: 155 MD: 15796.00 ft
Inc: 88.76 deg Az: 0.69
deg TVD: 7339.10 ft

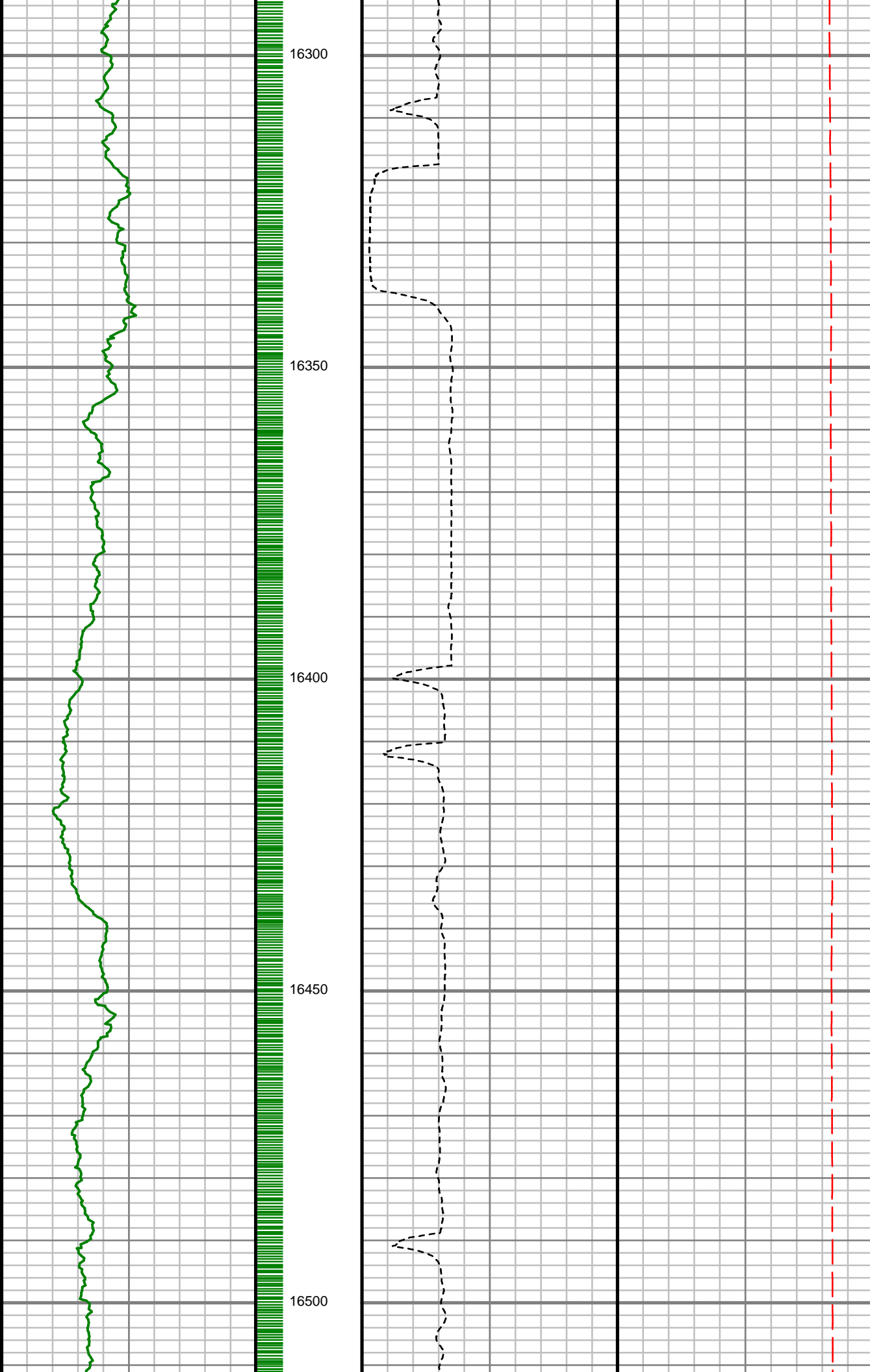


S: 156 MD: 15887.00 ft
Inc: 89.77 deg Az:
359.98 deg TVD:
7340.28 ft

S: 157 MD: 15978.00 ft
Inc: 90.91 deg Az: 0.09
deg TVD: 7339.74 ft

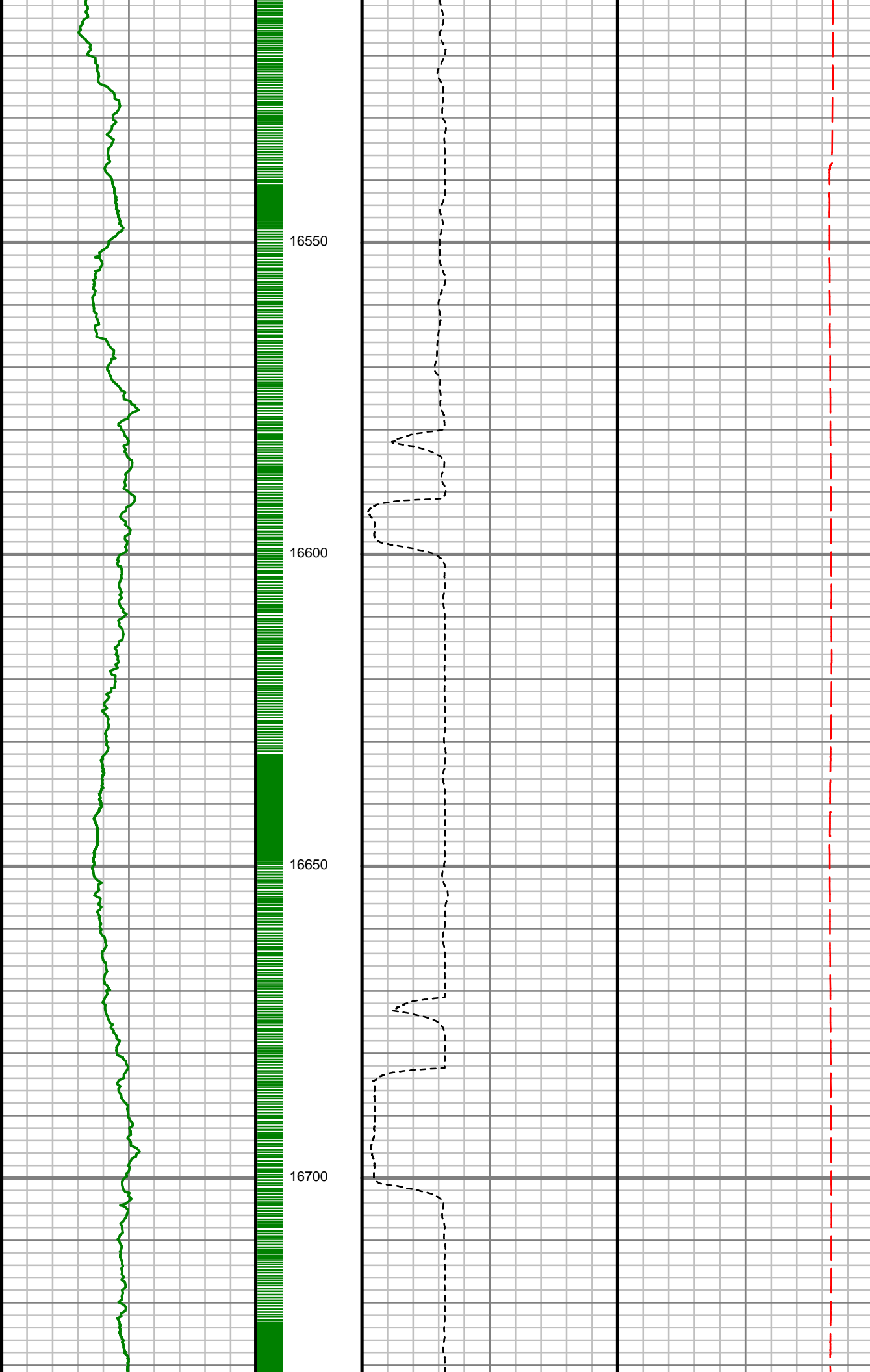
S: 158 MD: 16069.00 ft





S: 161 MD: 16342.00 ft
Inc: 87.15 deg Az:
359.15 deg TVD:
7344.16 ft

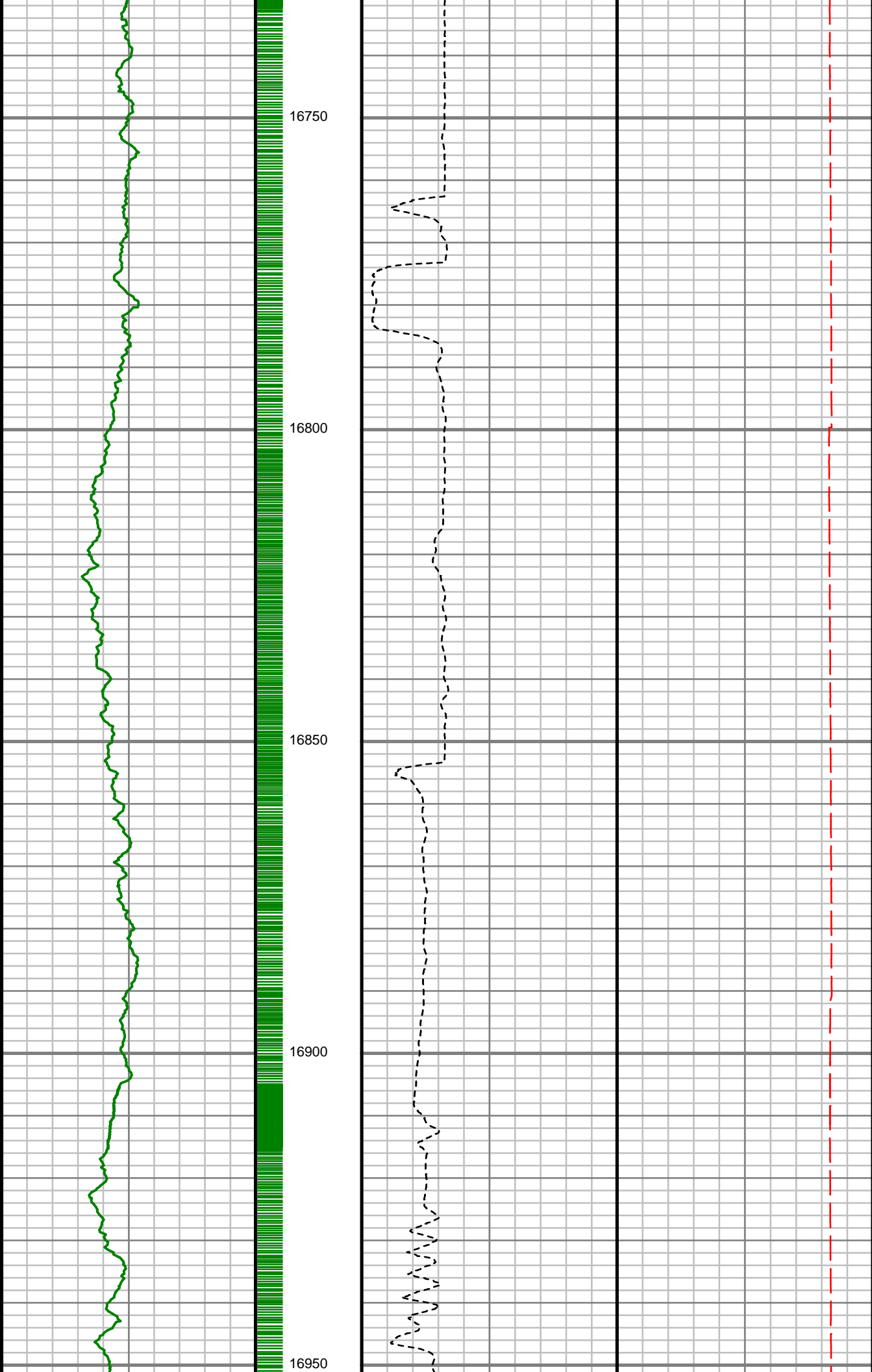
S: 162 MD: 16433.00 ft
Inc: 87.75 deg Az:
359.11 deg TVD:
7348.21 ft

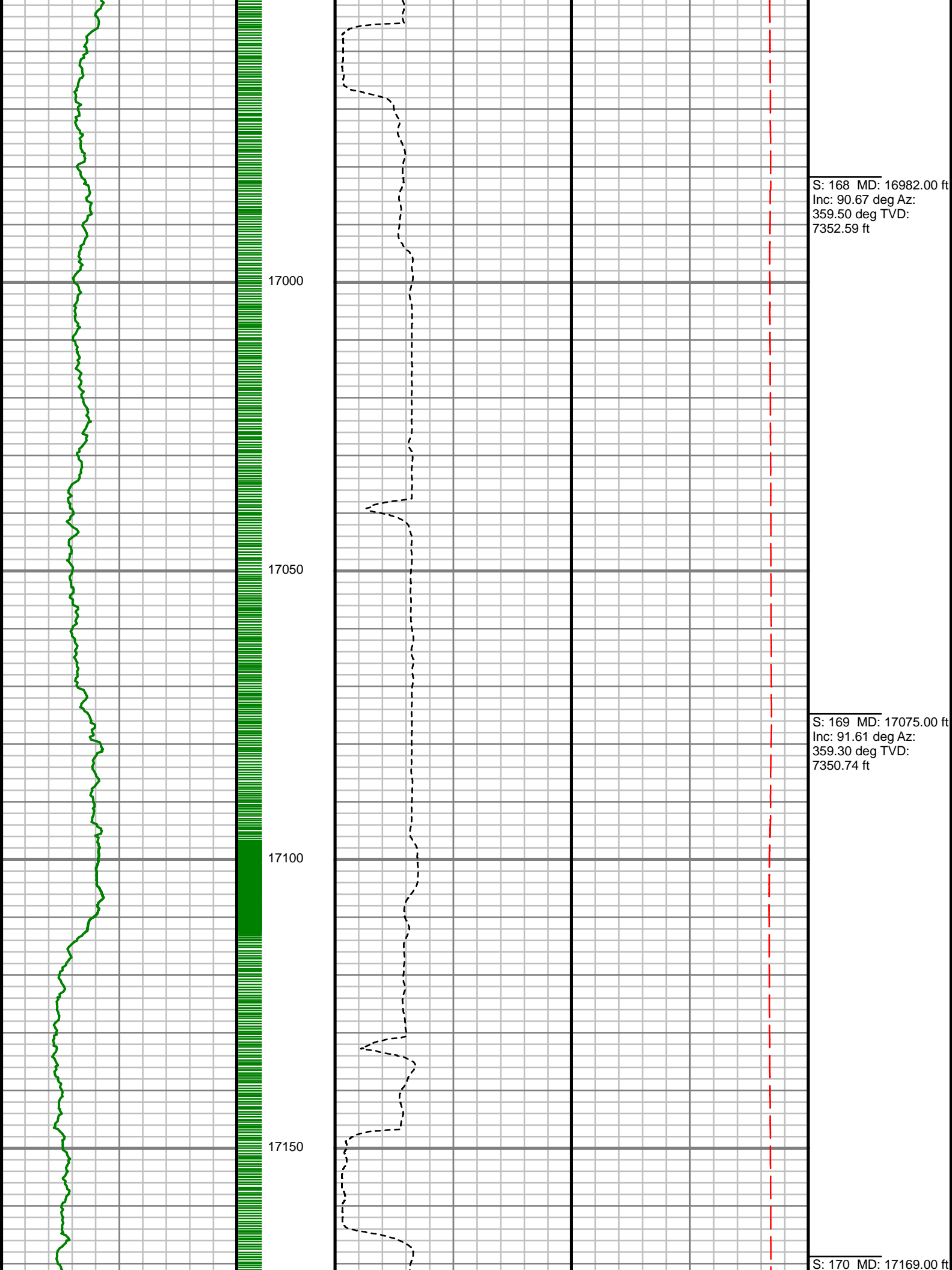


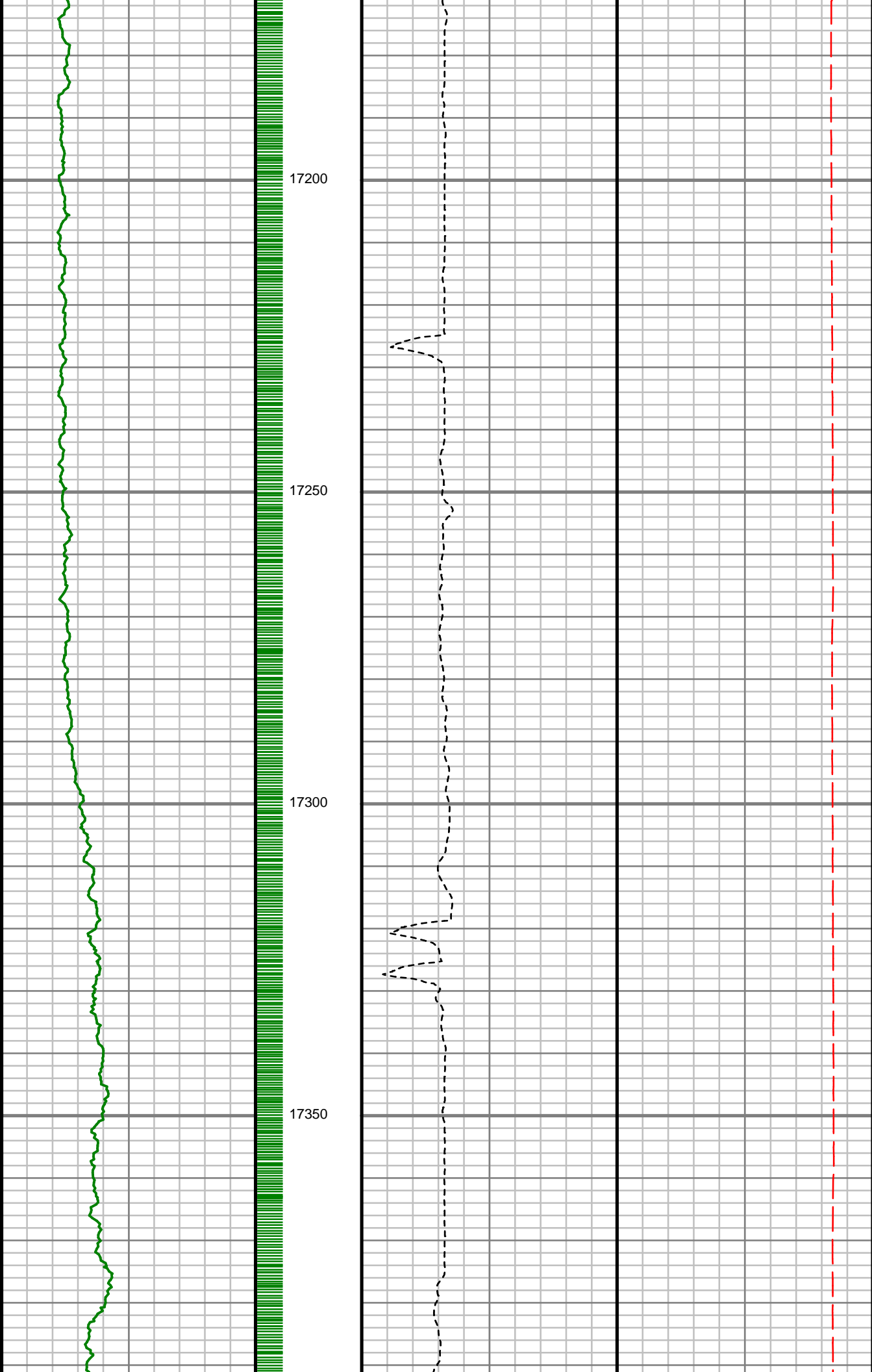
S: 163 MD: 16524.00 ft
Inc: 87.89 deg Az: 359.22 deg TVD: 7351.67 ft

S: 164 MD: 16615.00 ft
Inc: 87.99 deg Az: 0.11 deg TVD: 7354.95 ft

S: 165 MD: 16707.00 ft
Inc: 89.66 deg Az: 1.07 deg TVD: 7356.84 ft



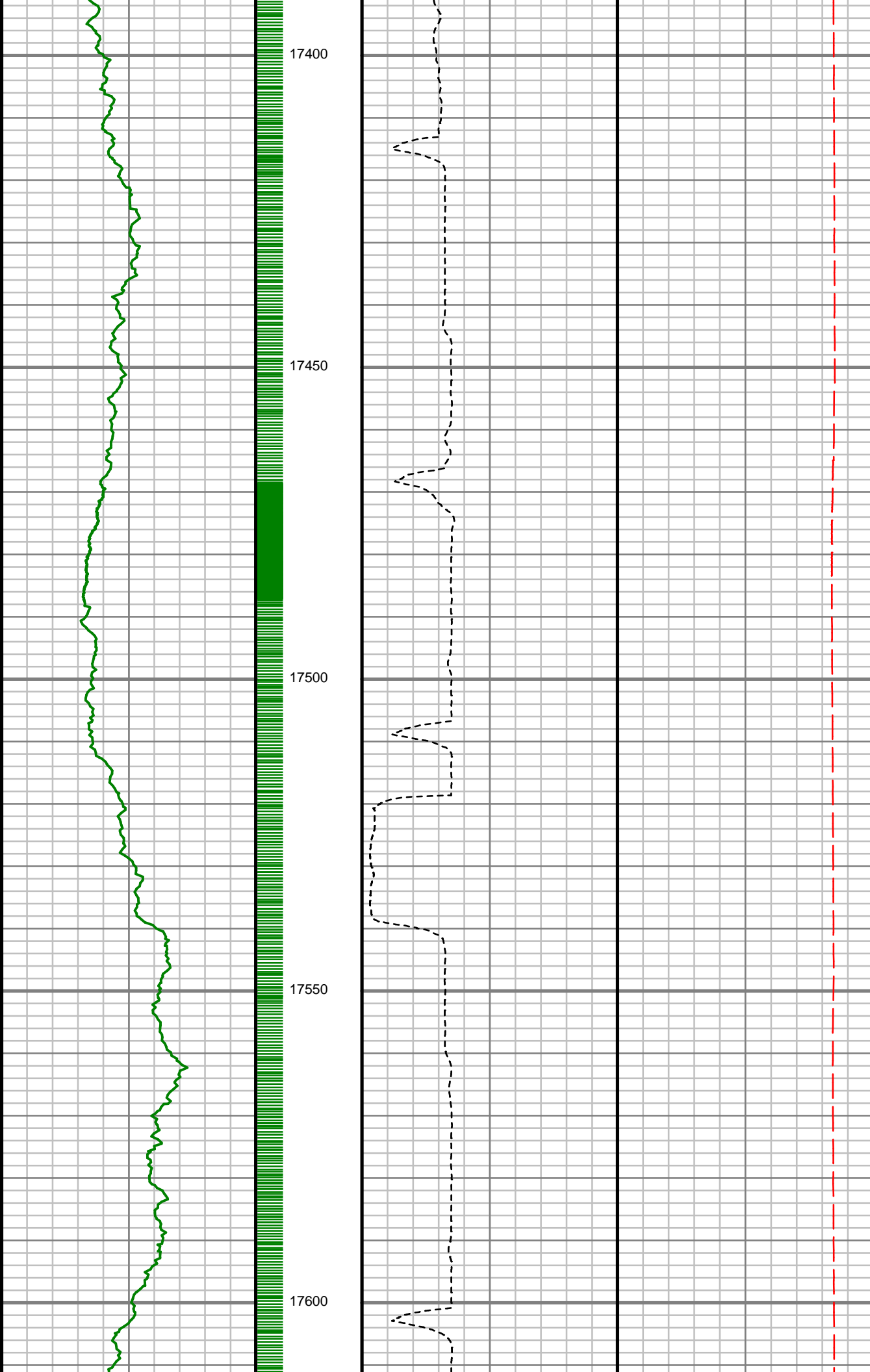




Inc: 89.46 deg Az: 0.05
deg TVD: 7349.85 ft

S: 171 MD: 17263.00 ft
Inc: 89.87 deg Az:
359.38 deg TVD:
7350.40 ft

S: 172 MD: 17358.00 ft
Inc: 90.84 deg Az:
359.52 deg TVD:
7349.82 ft



17400

17450

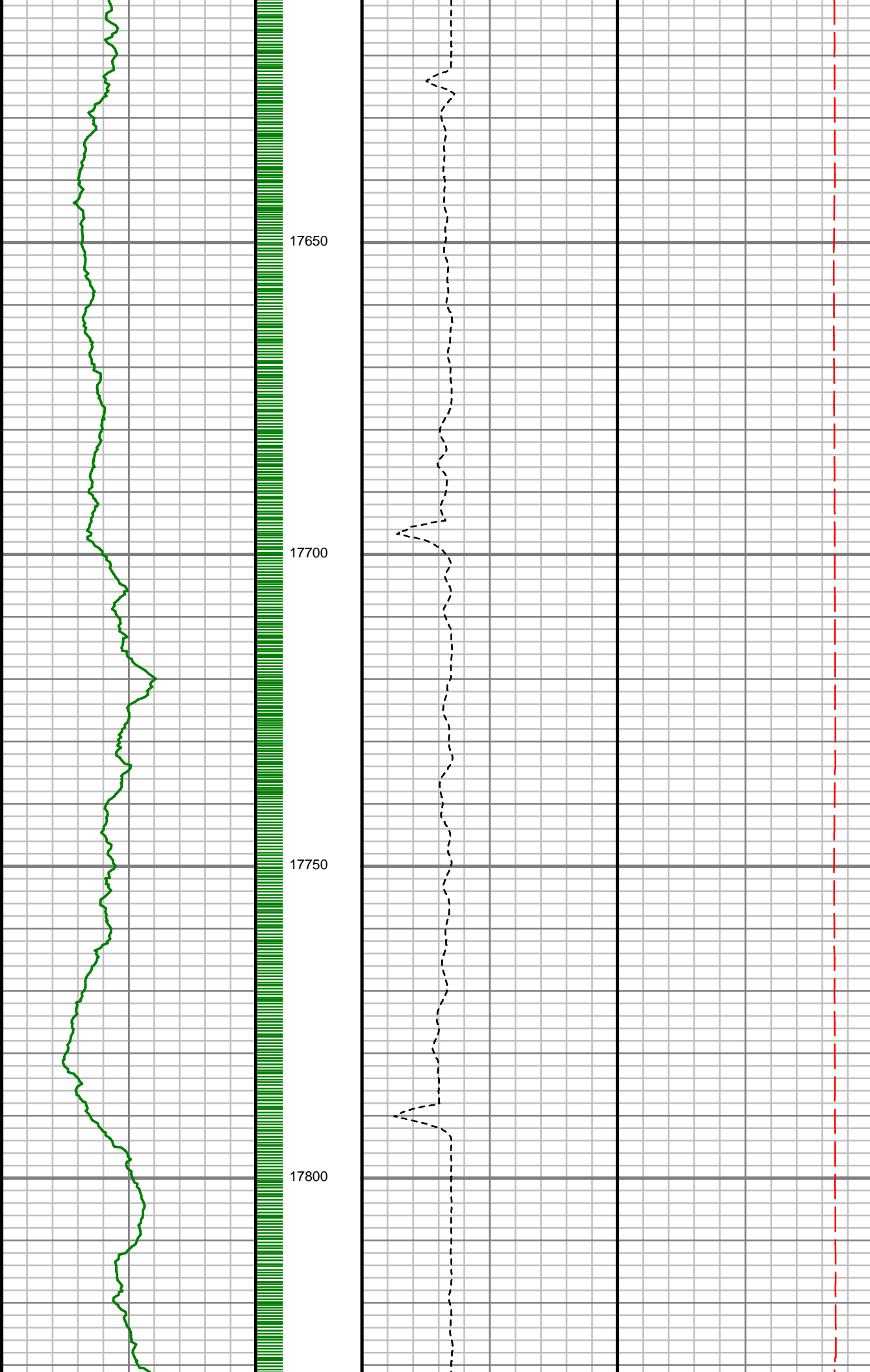
17500

17550

17600

S: 173 MD: 17451.00 ft
Inc: 91.07 deg Az: 359.01 deg TVD: 7348.27 ft

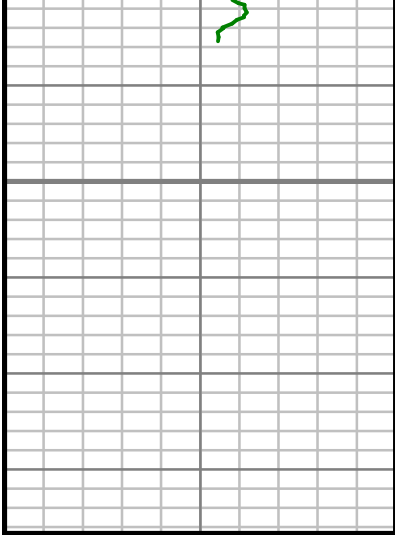
S: 174 MD: 17545.00 ft
Inc: 90.67 deg Az: 0.20 deg TVD: 7346.84 ft



S: 175 MD: 17639.00 ft
Inc: 90.77 deg Az:
359.32 deg TVD:
7345.65 ft

S: 176 MD: 17732.00 ft
Inc: 92.28 deg Az:
359.04 deg TVD:
7343.18 ft

S: 177 MD: 17829.00 ft



17850

MEASURED DEPTH
1,240 (ft)

Gamma Ray (GR)		
0	Unit = aapi	200



Rate of Penetration (ROP)		
0	Unit = ft/hr	1000

Tool Temperature (T-TEMP)		
0	Unit = °F	300

Inc: 93.32 deg Az:
358.62 deg TVD:
7338.44 ft

Comments



GAMMA RAY

5" = 100' MD