



5" = 100' FEET MD

COMPANY : ANADARKO E&P ONSHORE LLC  
WELL : POWERS 36N-22HZ  
FIELD : WATTENBERG  
COUNTY : WELD  
STATE : COLORADO  
COUNTRY : U.S.A.  
UWI : 05-123-41907

COMPANY : ANADARKO E&P ONSHORE LLC

WELL : POWERS 36N-22HZ

FIELD : WATTENBERG

COUNTY : WELD

STATE : COLORADO

COUNTRY : U.S.A.

UWI : 05-123-41907

WELL LOCATION

LAT:40.1293320°N LONG:104.6533750°W

N:14574017.90 ft E:1737306.04 ft

SEC:22

TWP: 2N

RANGE: 65W

## OTHER SERVICES

DIRECTIONAL  
ROP

DEPTH REF. : RKB

REF. HEIGHT : 20.000 ft

RKB to Ground Level

GROUND LEVEL : 4883.000 ft

G.L. to MEAN SEA LEVEL

## BOREHOLE RECORD

## DEVIATION RECORD

HOLE SIZE in	FROM ft	TO ft	INCLINATION deg	FROM ft	TO ft
12.25	0	1886	0 - 21	0	5021
8.5	1886	12740	21 - 0	5021	6515
			0 - 80	6515	7482
			80 - 93	7482	12740

## CASING RECORD

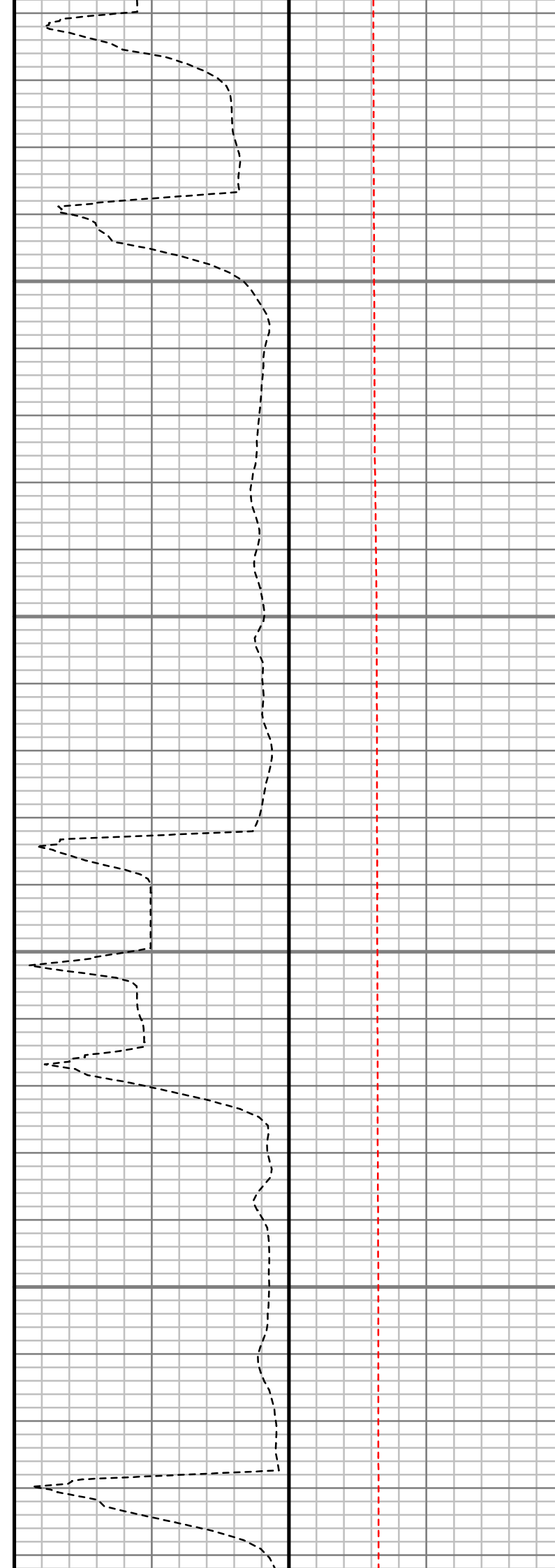
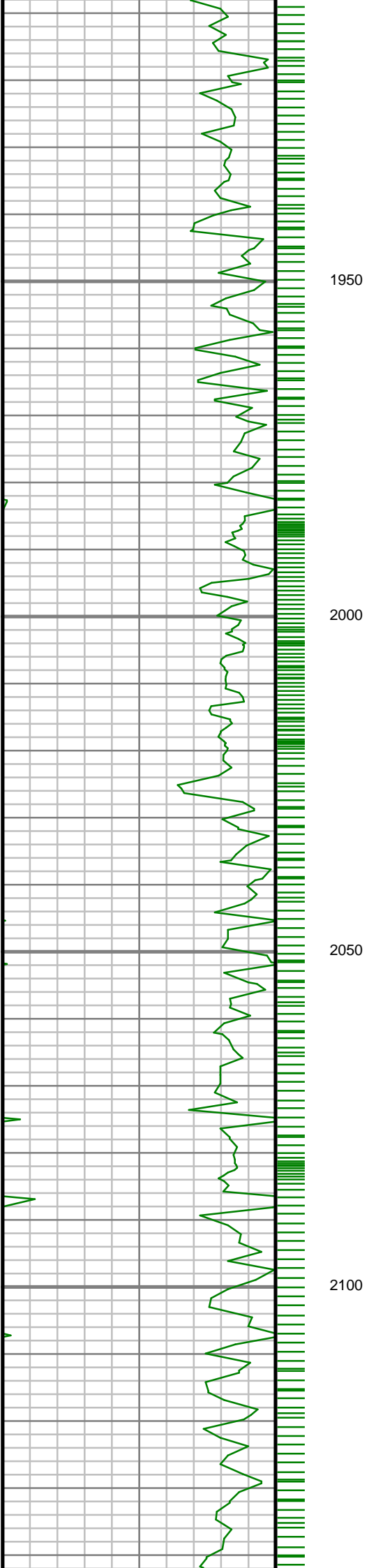
CASING SIZE in	FROM ft	TO ft			
9.625	0	1876			
			DRILLING CO. : PRECISION		
			RIG : 461		
			LWD UNIT NO. : SDI MWD 002DISTRICT : CASPER		
			SPUD DATE : 08/21/2015		
			LWD START DATE : 09/17/2015	DEPTH : 1840 ft	
			LWD END DATE : 09/19/2015	DEPTH : 12740 ft	
			TOTAL DEPTH : 12740 ft		

[illegible]

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.

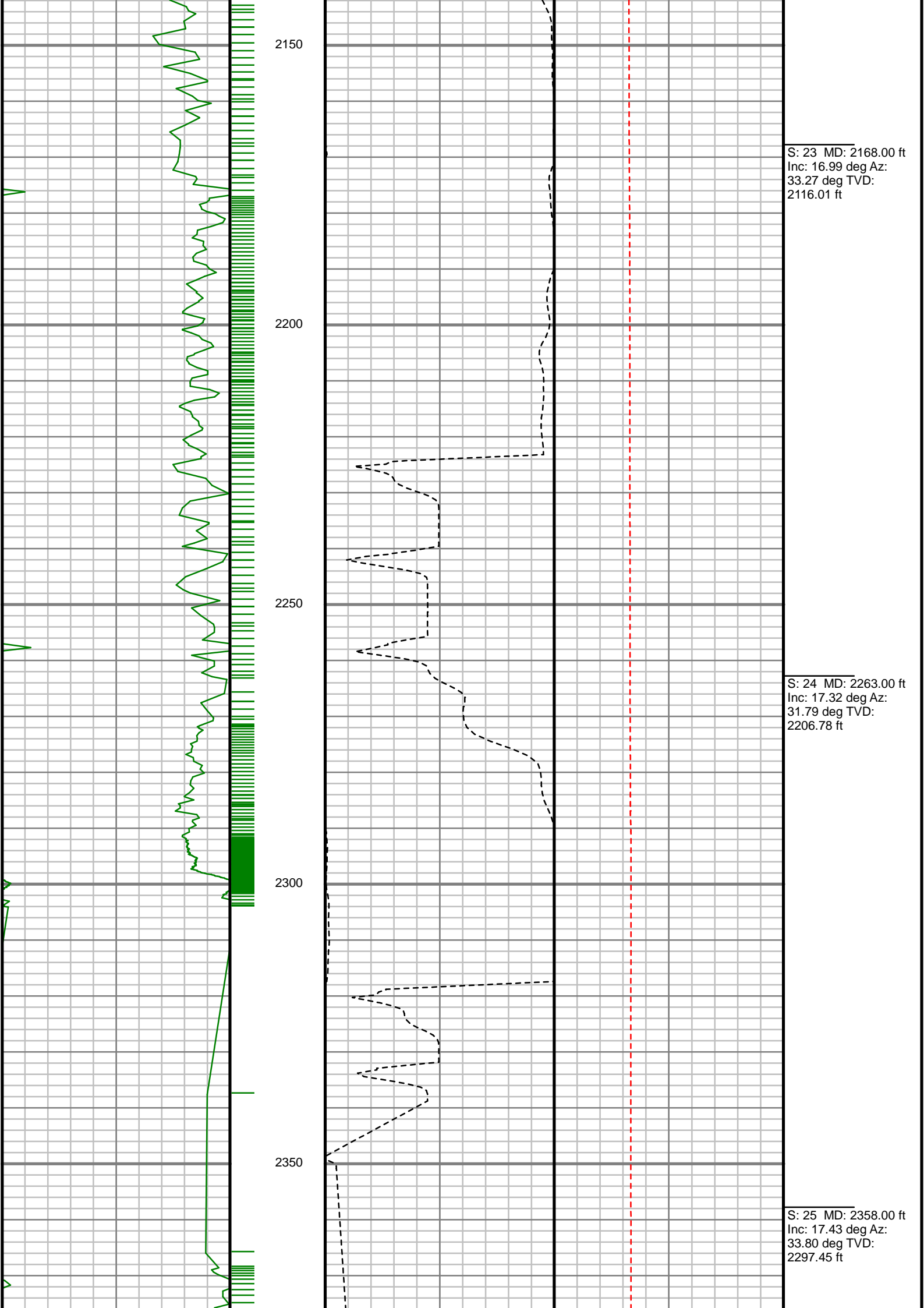
ANADARKO E&P ONSHORE LLC  
 POWERS 36N-22HZ  
 WATTENBERG FIELD  
 WELD COUNTY, COLORADO  
 05-123-41907

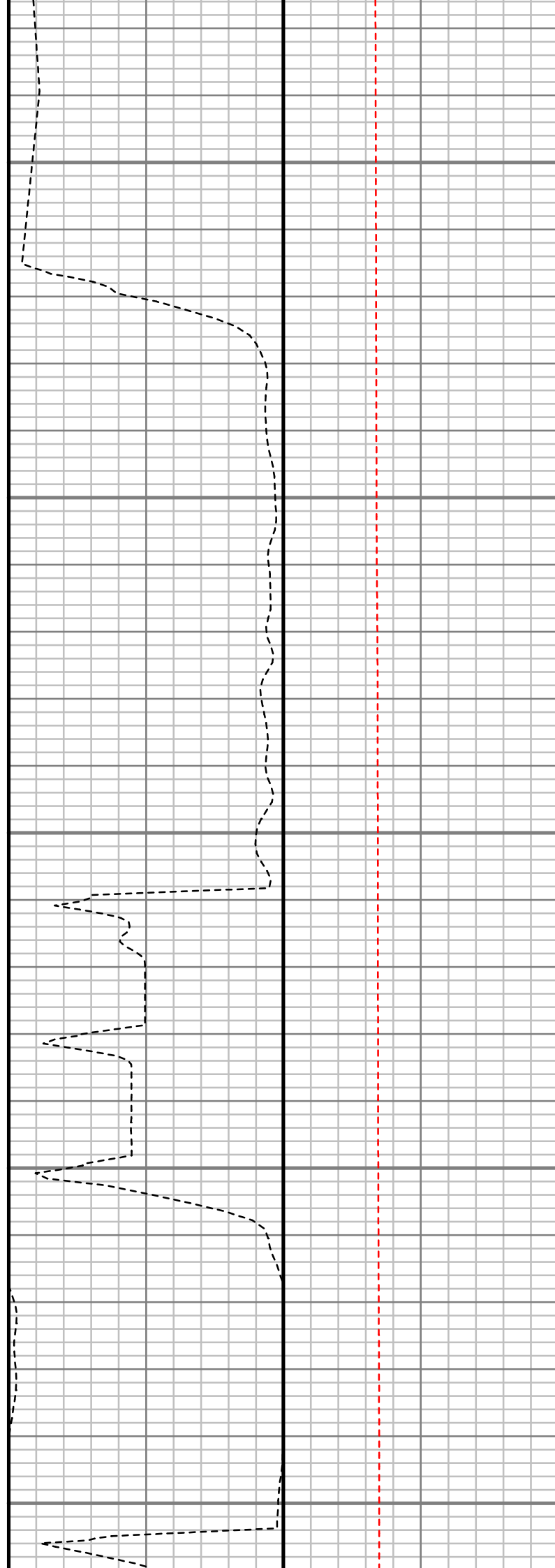
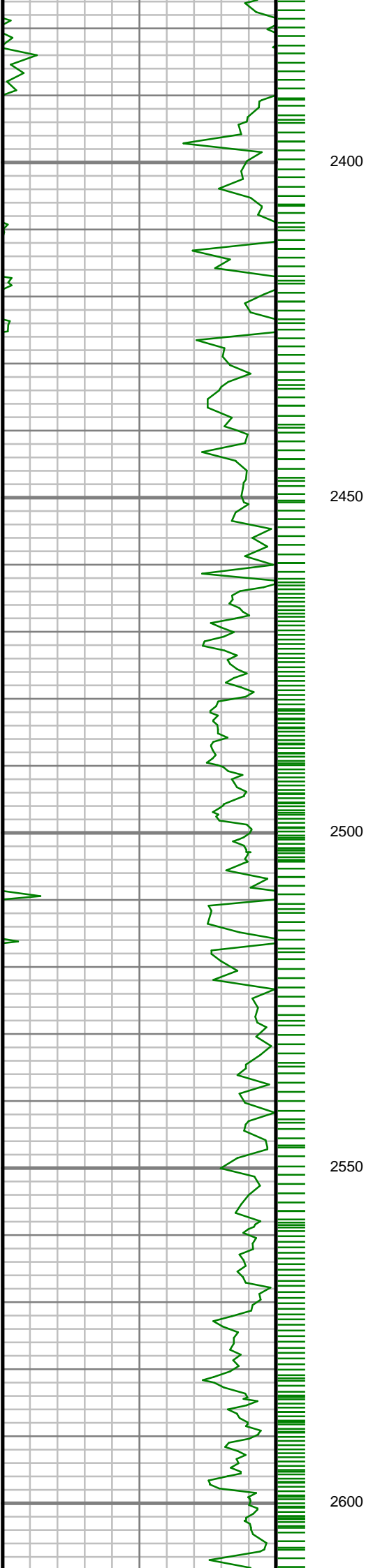
Gamma Ray (GR) Unit = aapi	MEASURED DEPTH (ft)	Rate of Penetration (ROP) Unit = ft/hr	Tool Temperature (T-TEMP) Unit = °F	Comments
0                      150	1850			
0                      150	1900			



S: 21 MD: 1978.00 ft  
Inc: 17.37 deg Az:  
32.52 deg TVD:  
1935.33 ft

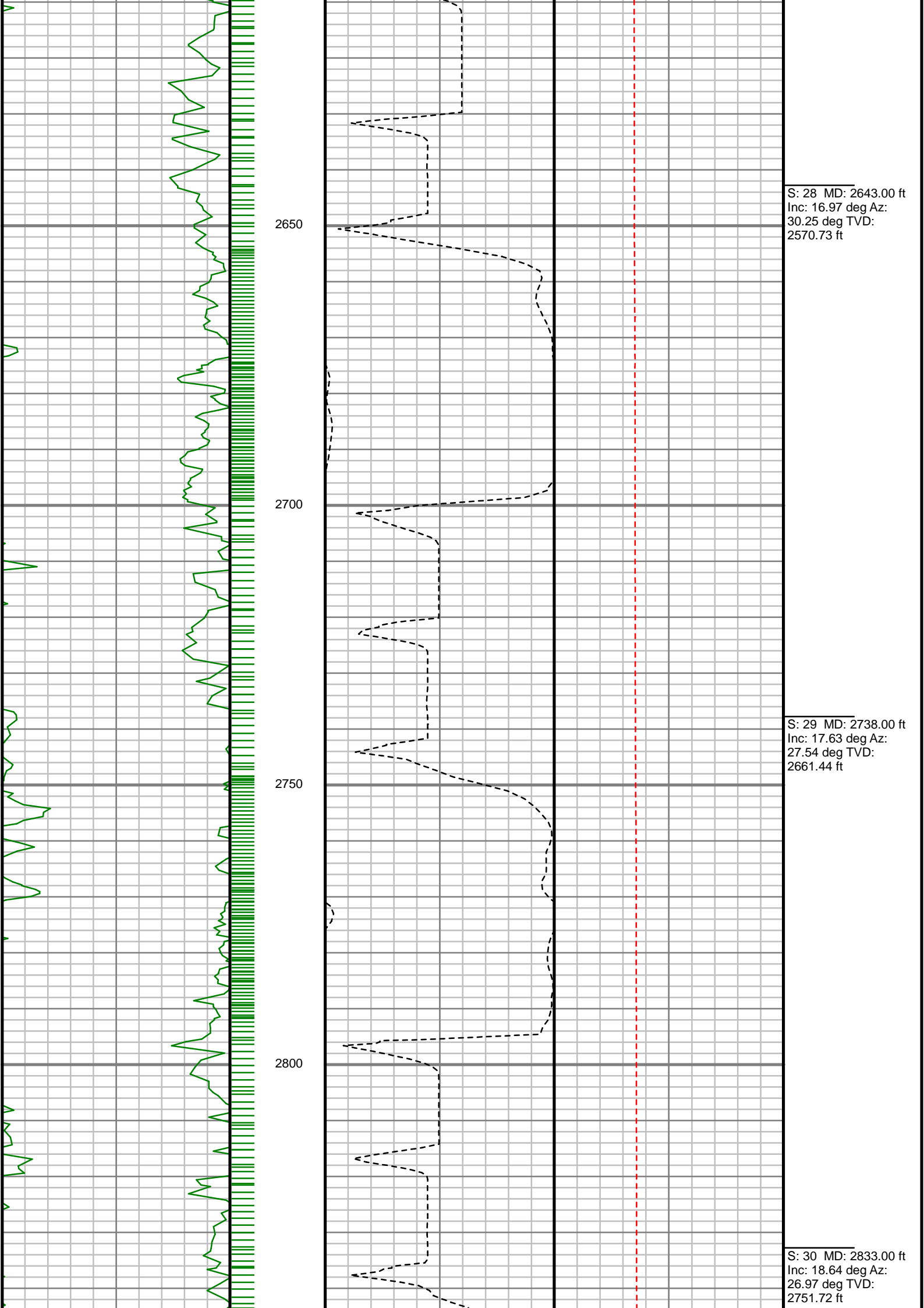
S: 22 MD: 2074.00 ft  
Inc: 18.85 deg Az:  
32.15 deg TVD:  
2026.57 ft

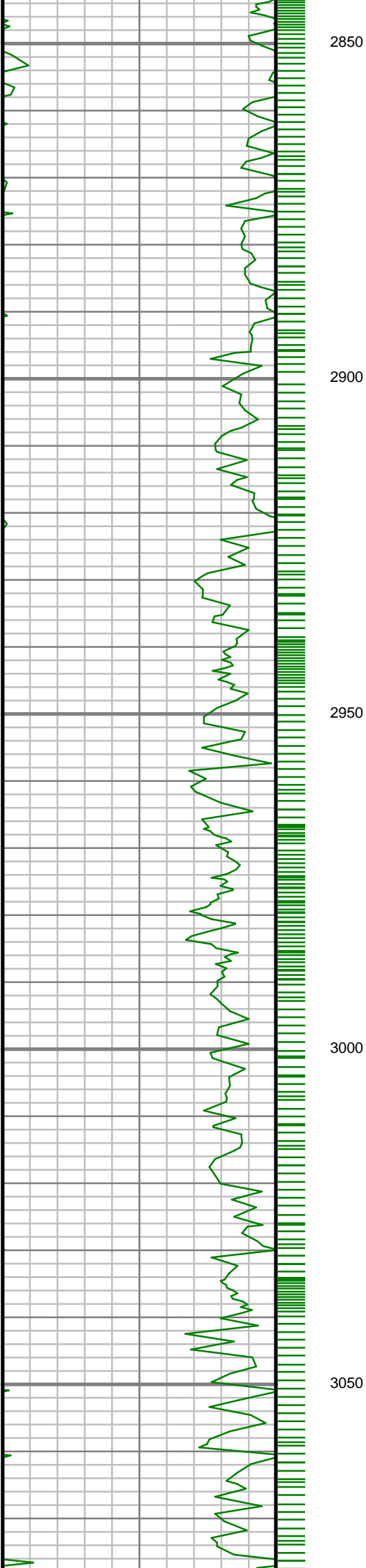




S: 26 MD: 2452.00 ft  
Inc: 15.66 deg Az:  
34.89 deg TVD:  
2387.55 ft

S: 27 MD: 2548.00 ft  
Inc: 16.58 deg Az:  
32.74 deg TVD:  
2479.78 ft





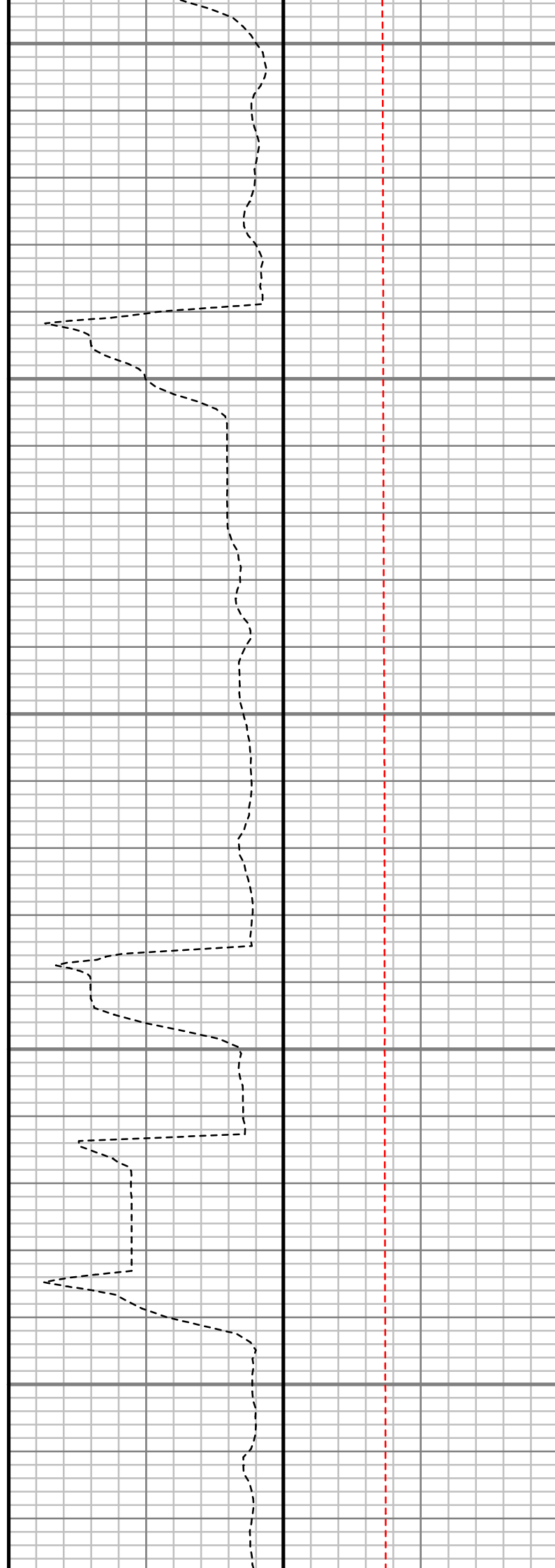
2850

2900

2950

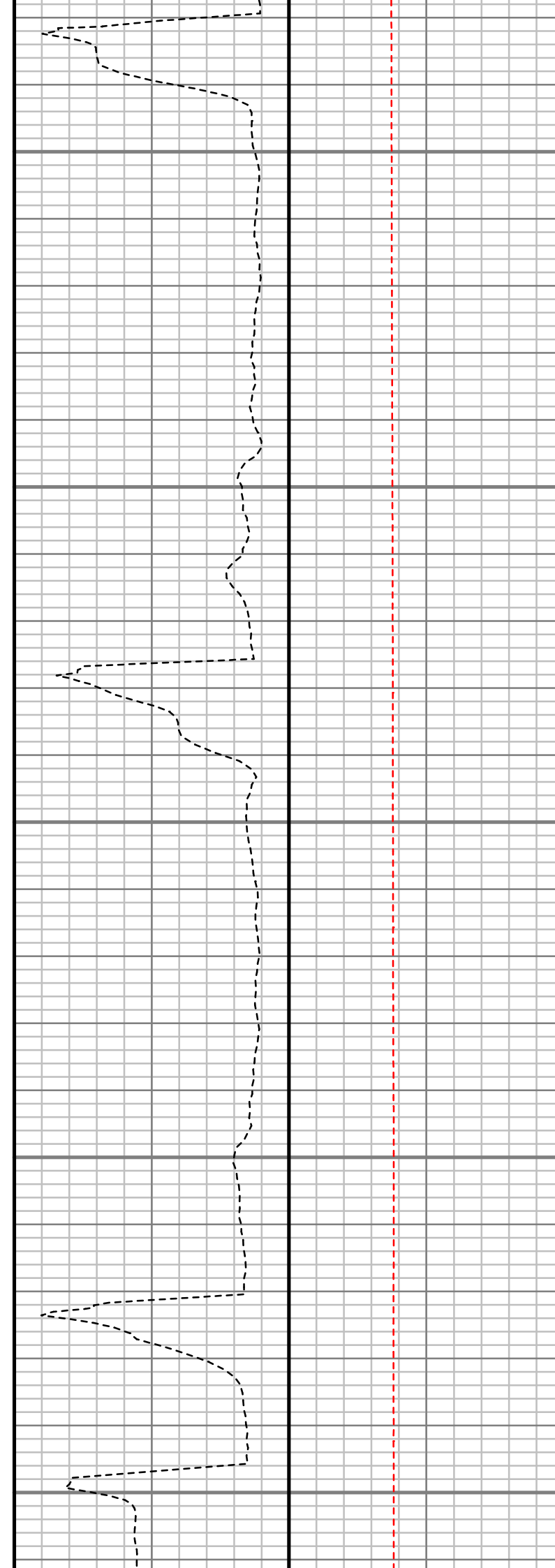
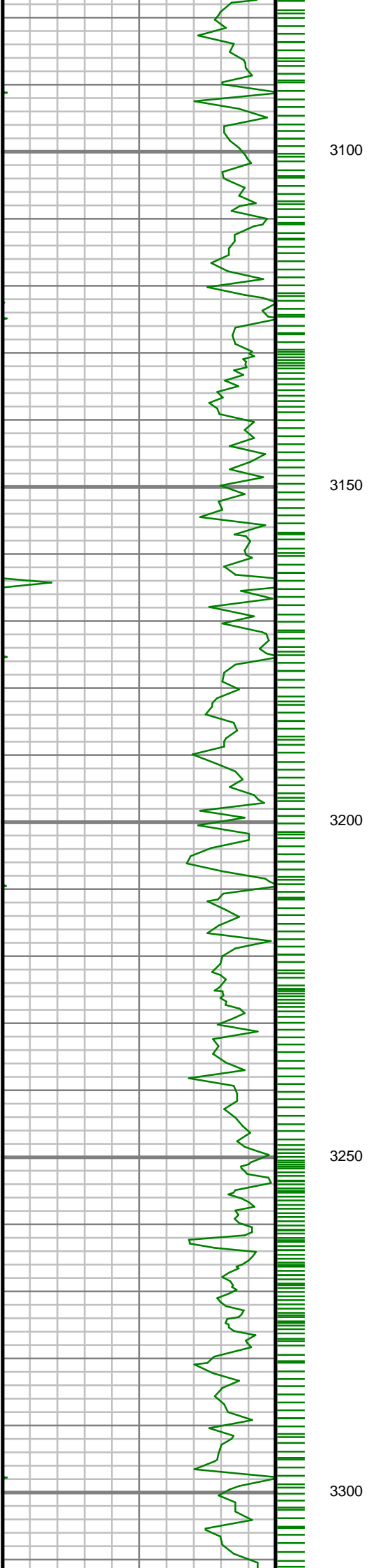
3000

3050



S: 31 MD: 2928.00 ft  
Inc: 17.51 deg Az:  
25.40 deg TVD:  
2842.03 ft

S: 32 MD: 3023.00 ft  
Inc: 18.60 deg Az:  
26.08 deg TVD:  
2932.35 ft

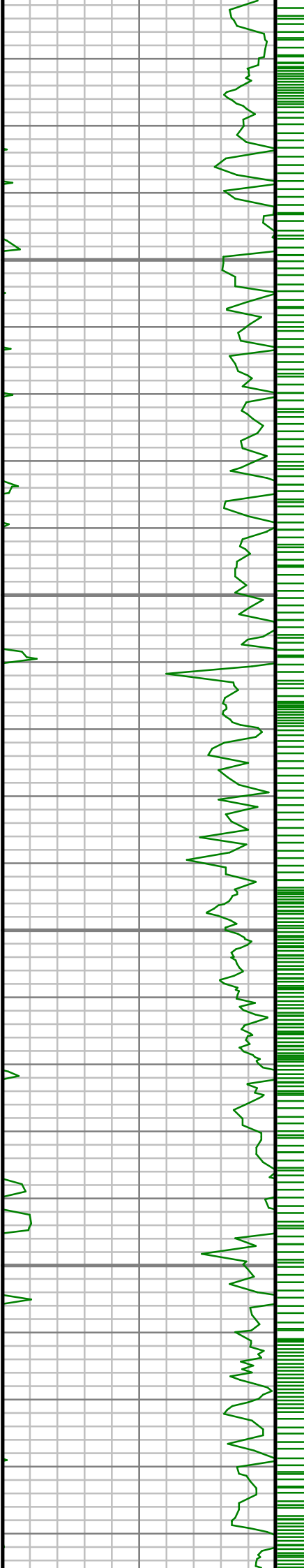


S: 33 MD: 3118.00 ft  
Inc: 18.16 deg Az:  
26.90 deg TVD:  
3022.50 ft

S: 34 MD: 3213.00 ft  
Inc: 16.62 deg Az:  
26.41 deg TVD:  
3113.16 ft

S: 35 MD: 3308.00 ft  
Inc: 16.62 deg Az:



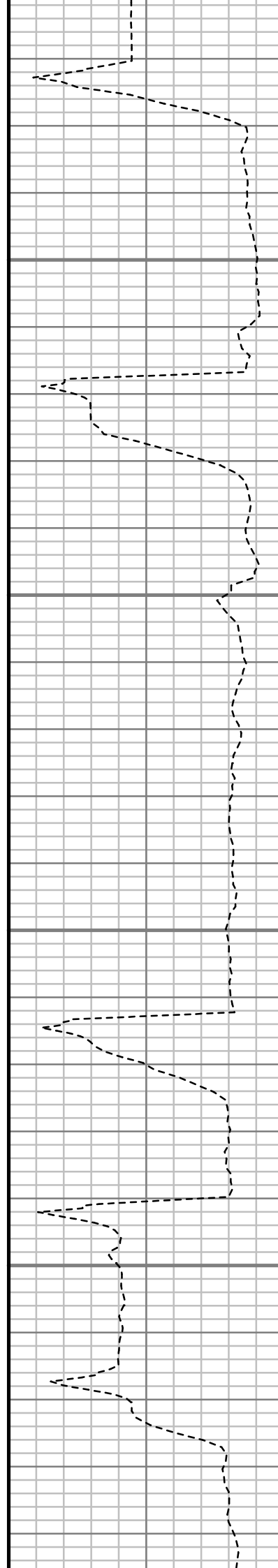


3350

3400

3450

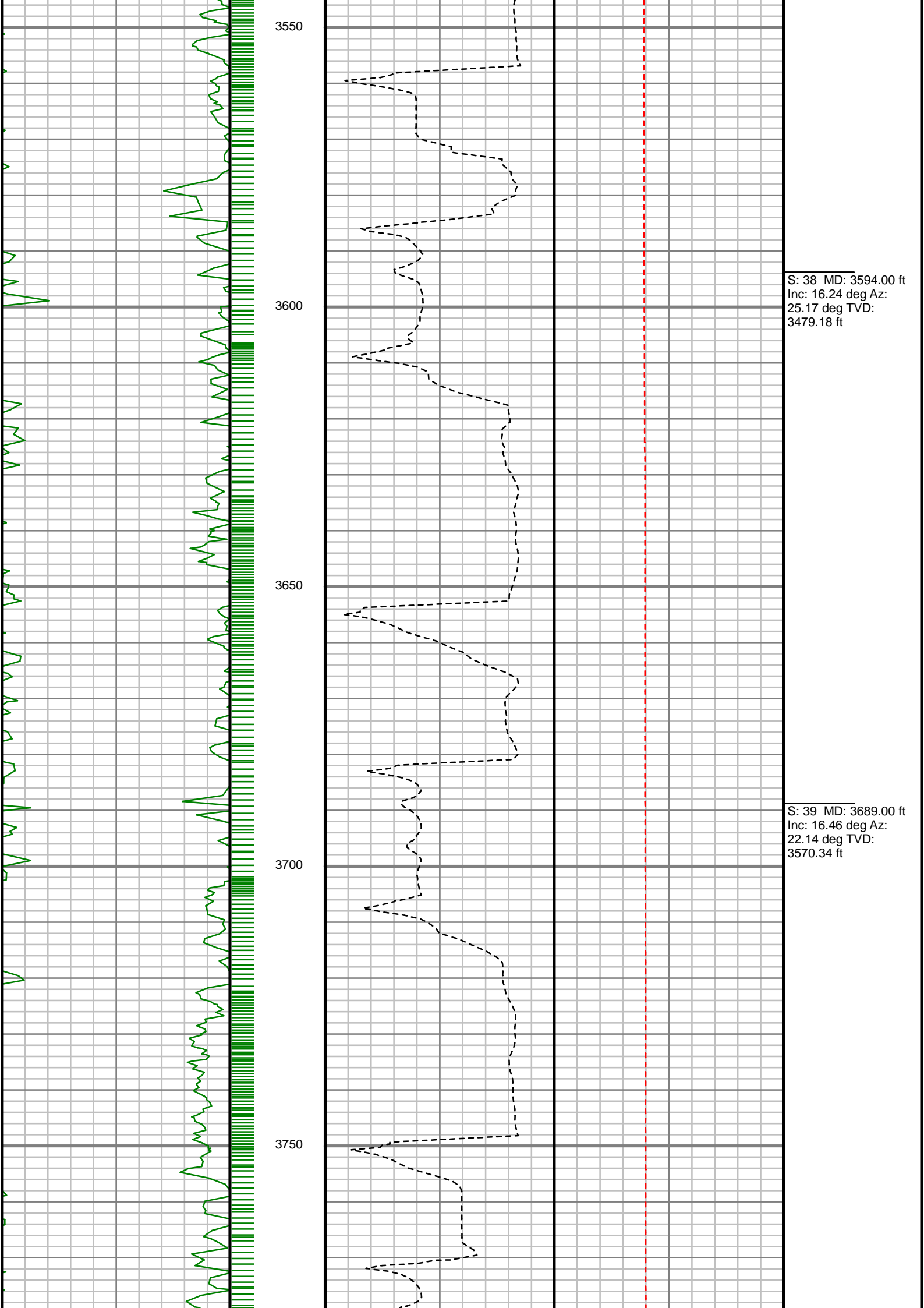
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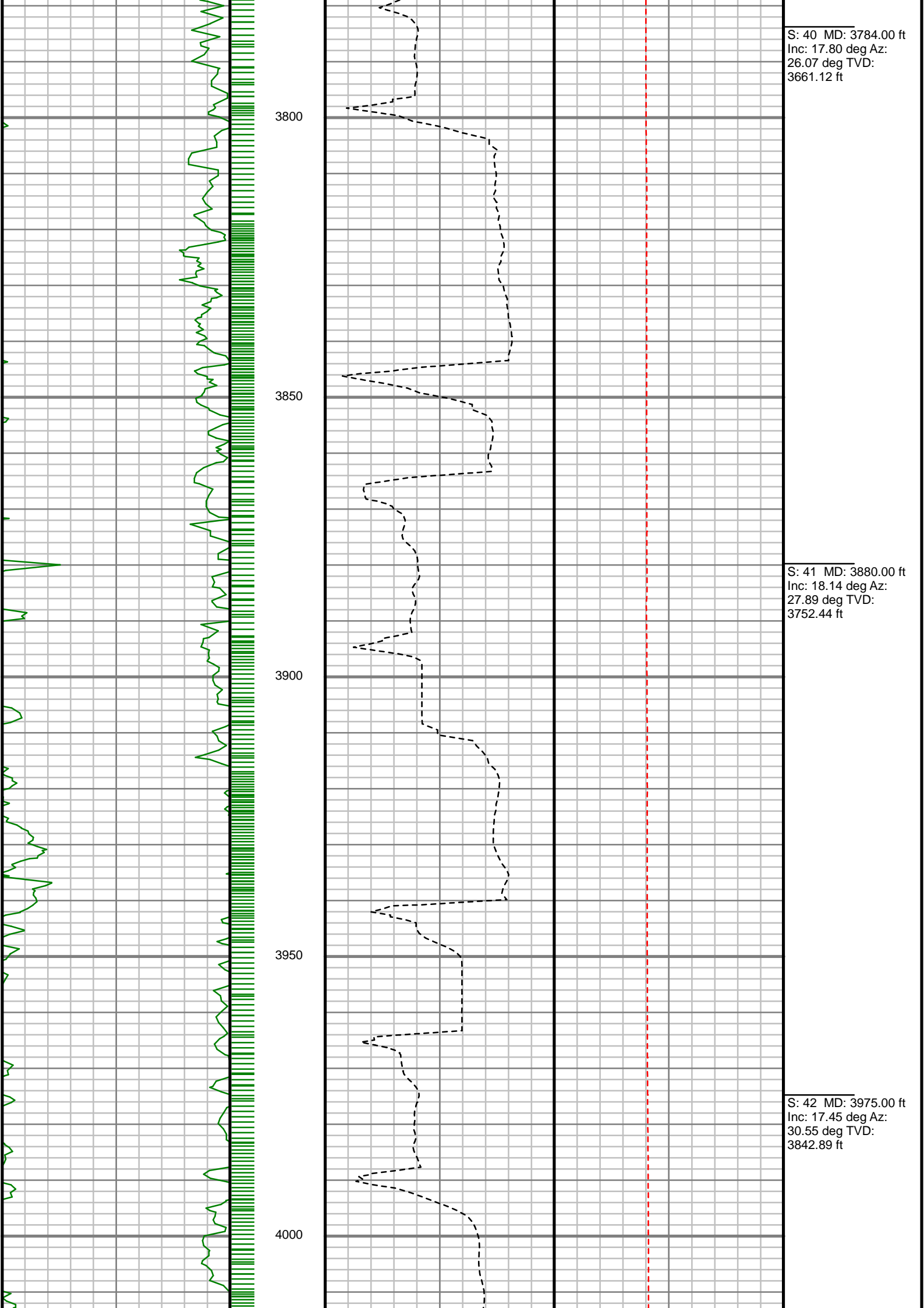


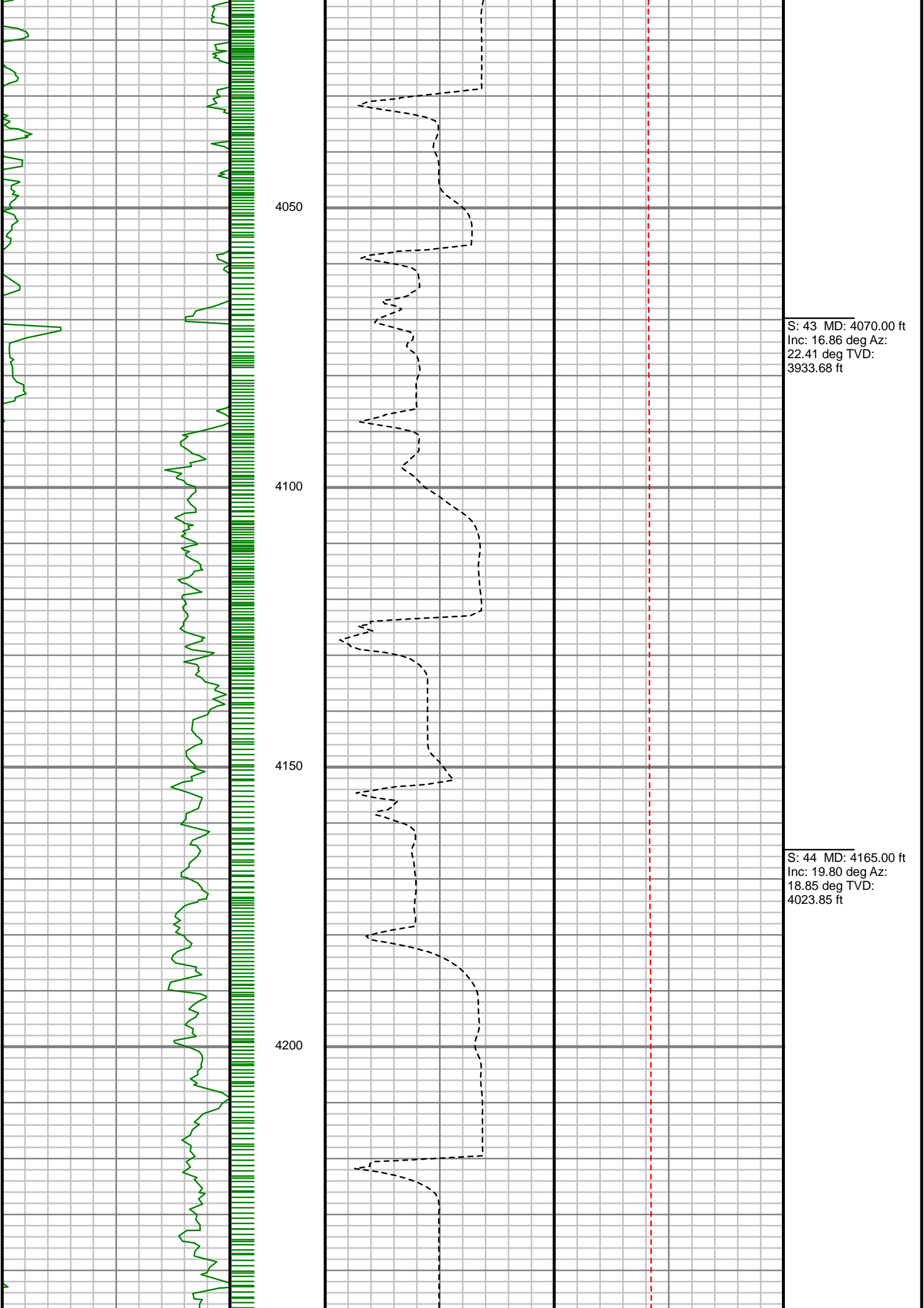
Inc: 16.82 deg Az:  
29.55 deg TVD:  
3204.14 ft

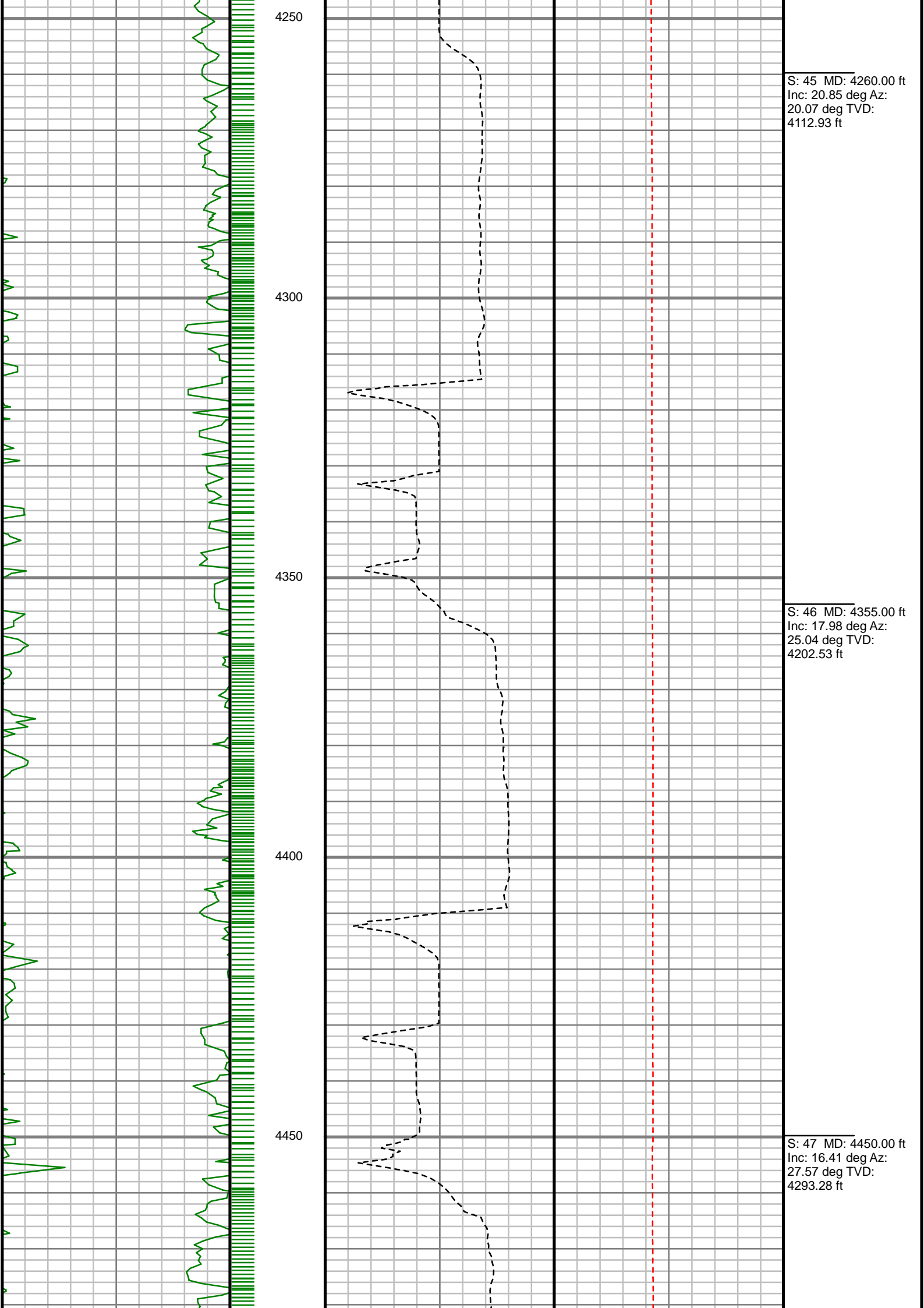
S: 36 MD: 3404.00 ft  
Inc: 15.61 deg Az:  
31.96 deg TVD:  
3296.32 ft

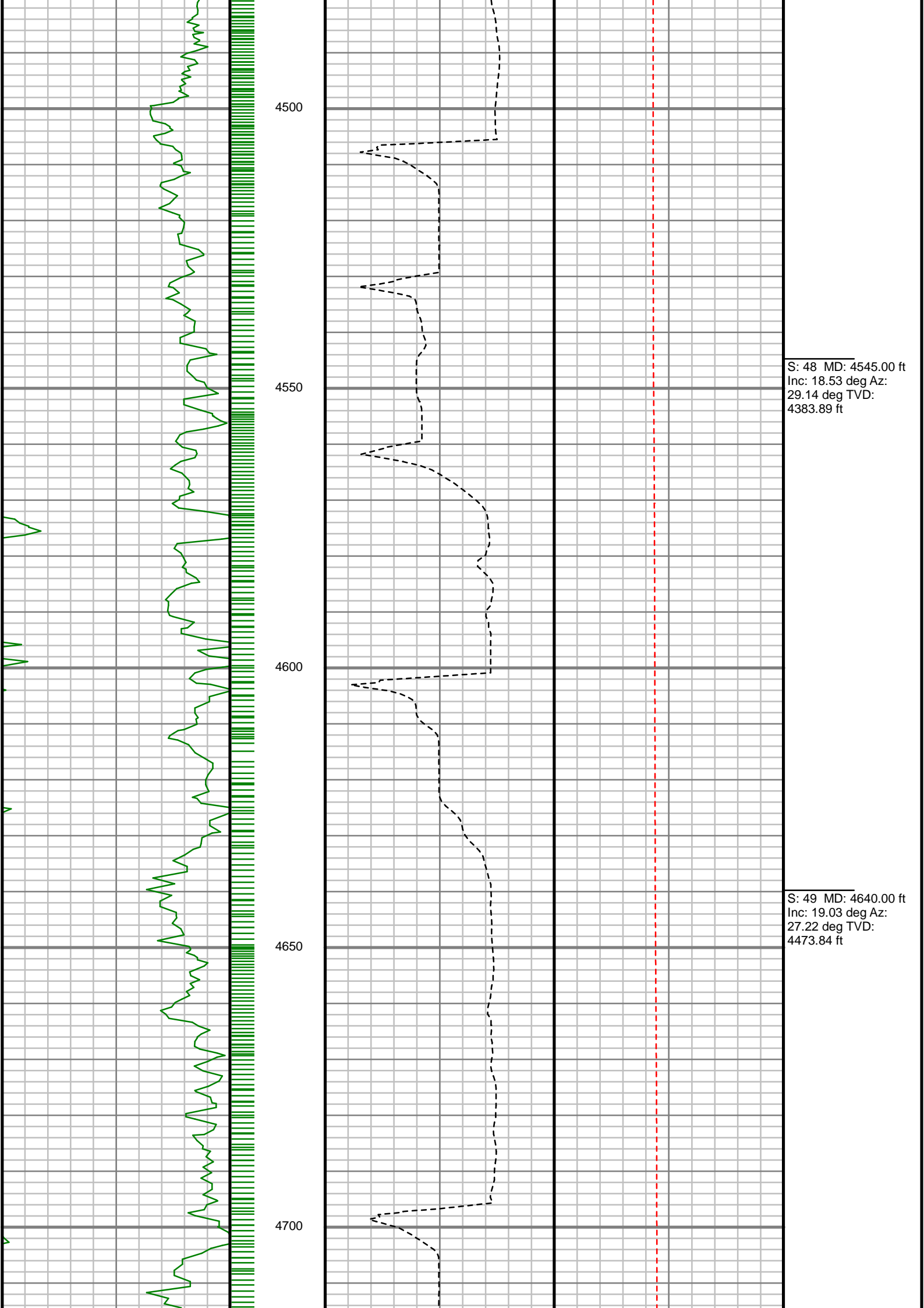
S: 37 MD: 3499.00 ft  
Inc: 15.60 deg Az:  
29.27 deg TVD:  
3387.82 ft

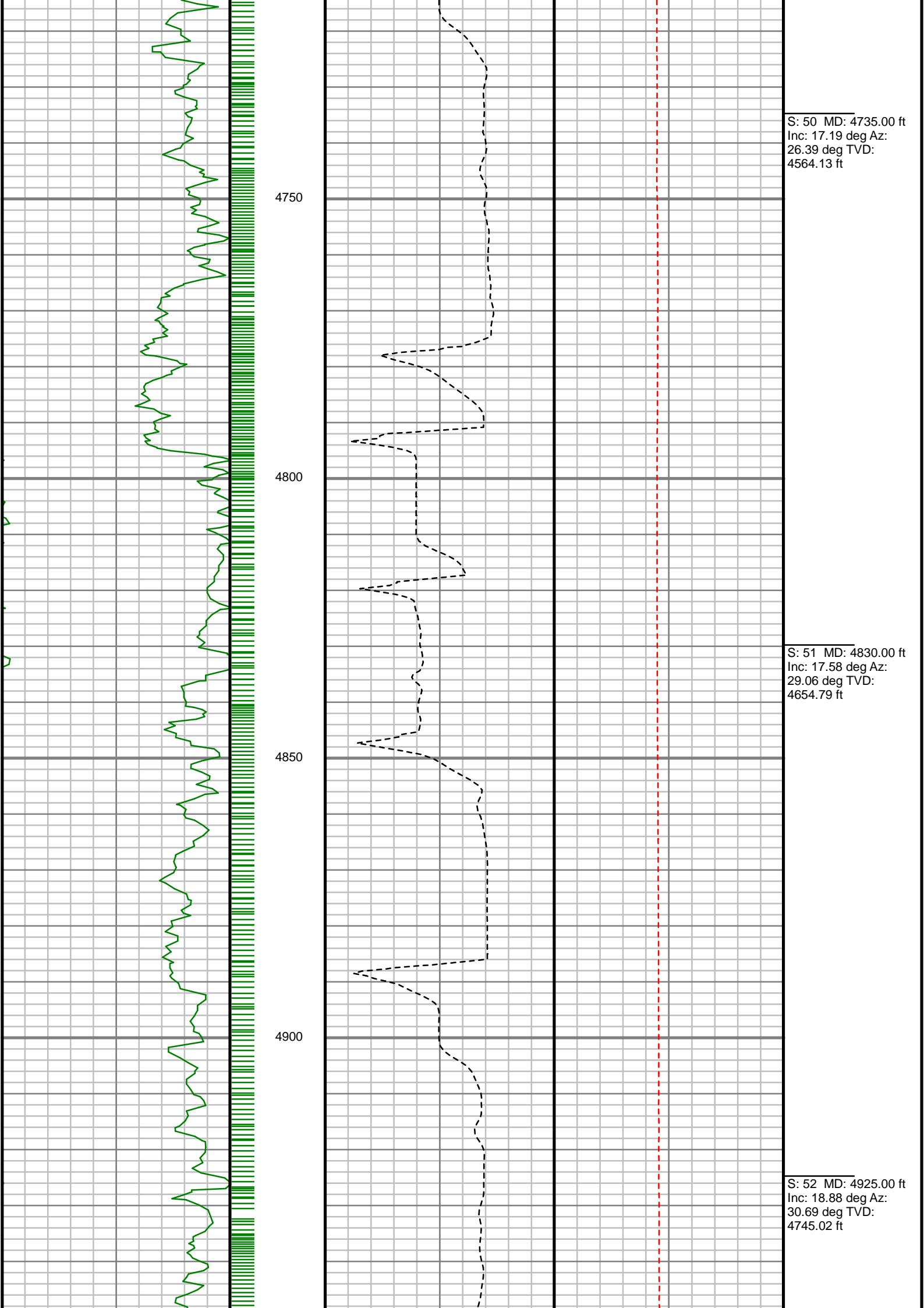








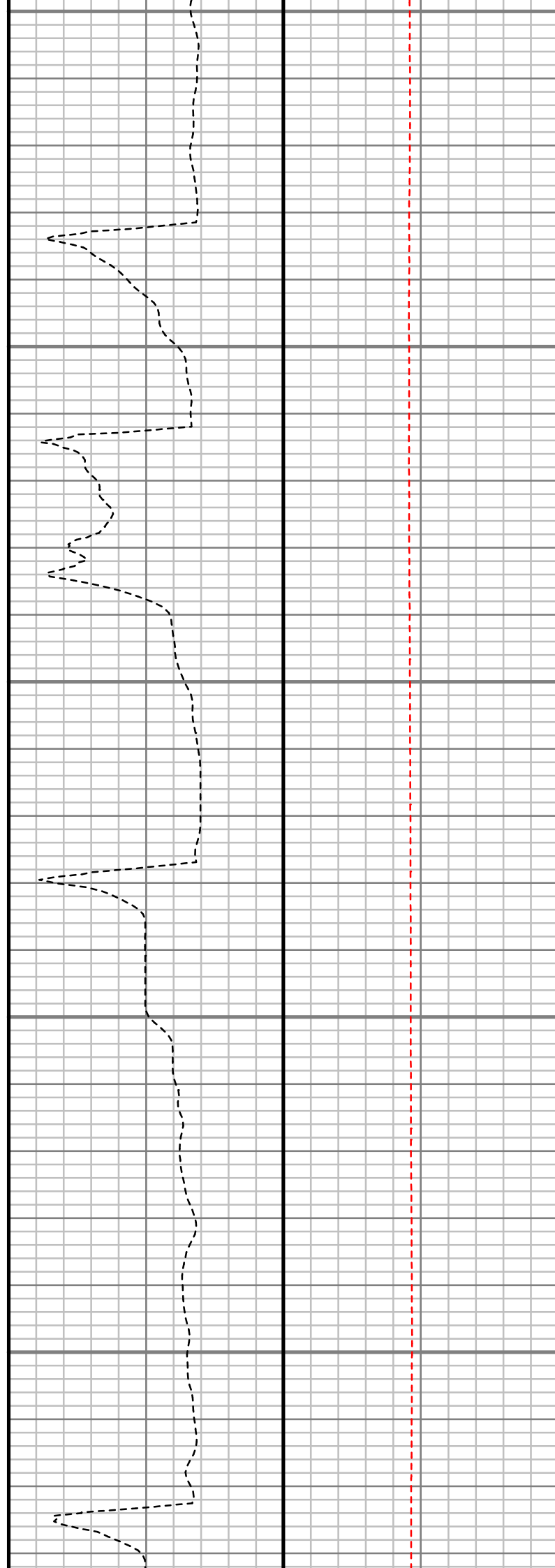
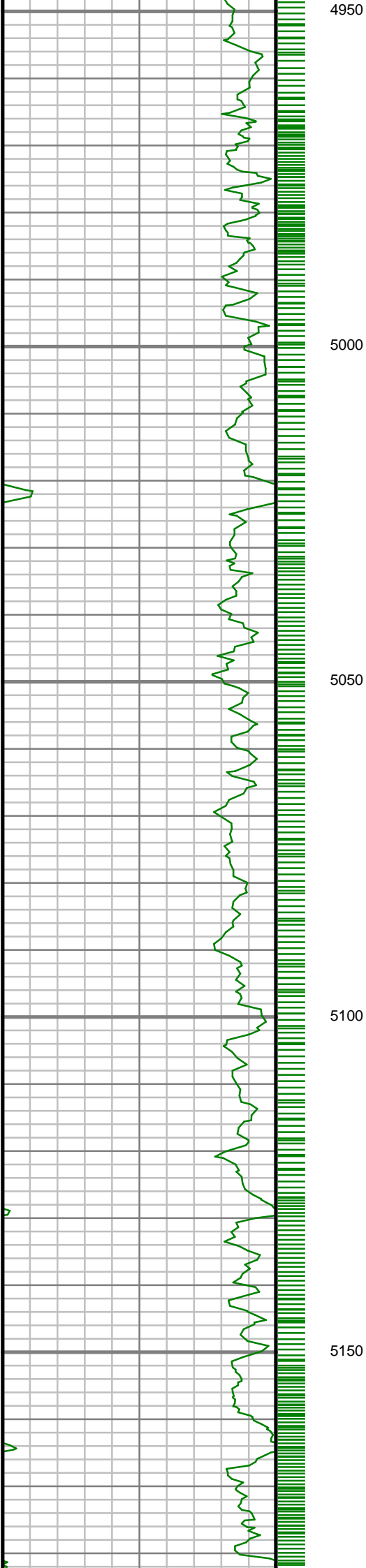




S: 50 MD: 4735.00 ft  
Inc: 17.19 deg Az:  
26.39 deg TVD:  
4564.13 ft

S: 51 MD: 4830.00 ft  
Inc: 17.58 deg Az:  
29.06 deg TVD:  
4654.79 ft

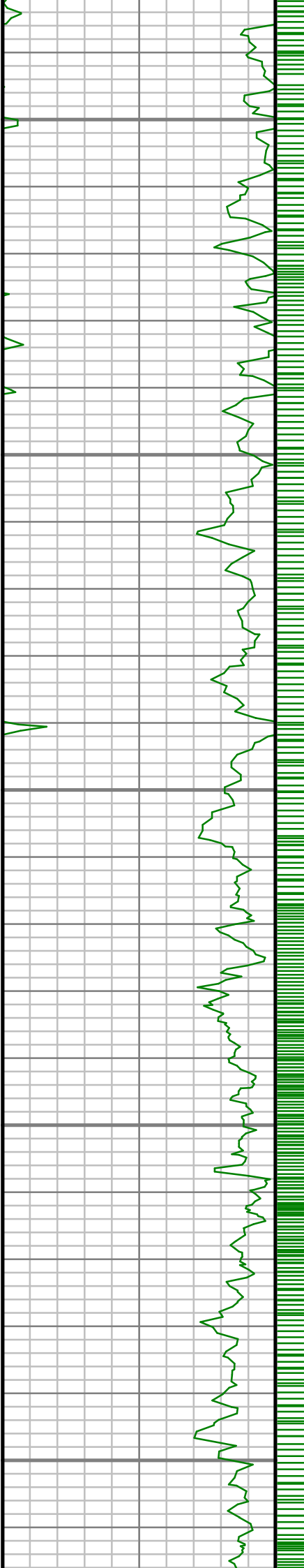
S: 52 MD: 4925.00 ft  
Inc: 18.88 deg Az:  
30.69 deg TVD:  
4745.02 ft



S: 53 MD: 5021.00 ft  
Inc: 18.79 deg Az:  
32.73 deg TVD:  
4835.88 ft

S: 54 MD: 5116.00 ft  
Inc: 17.98 deg Az:  
34.58 deg TVD:  
4926.04 ft





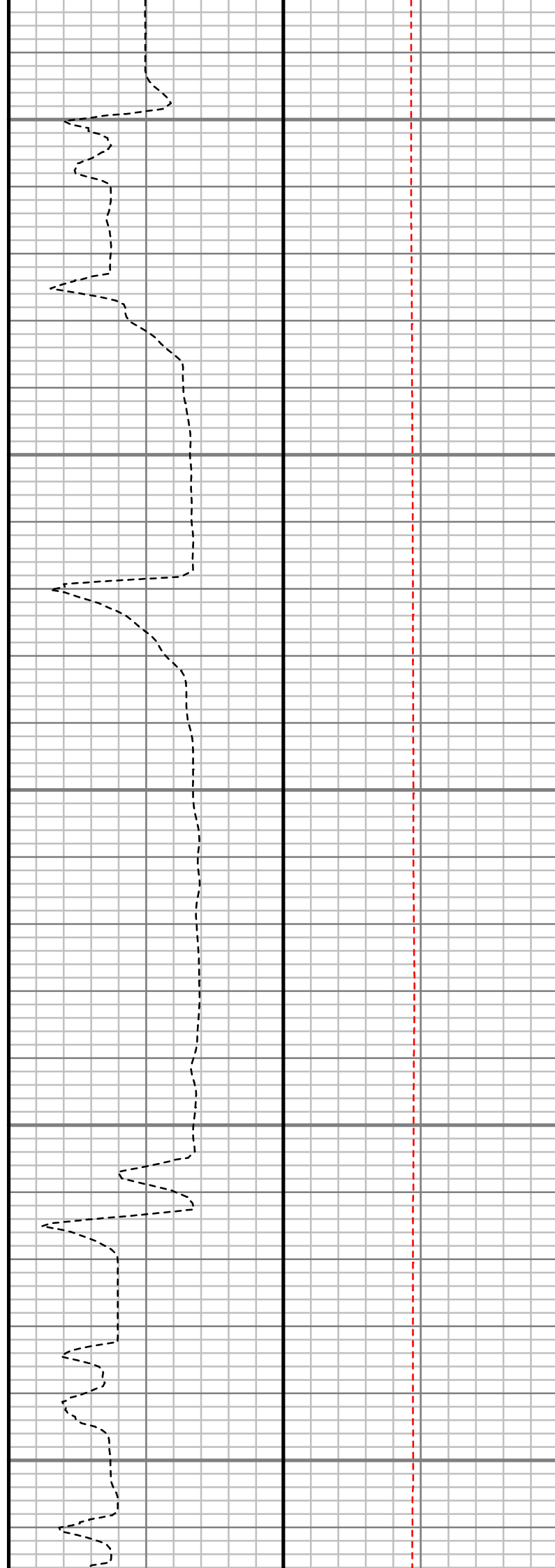
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5250

5300

5350

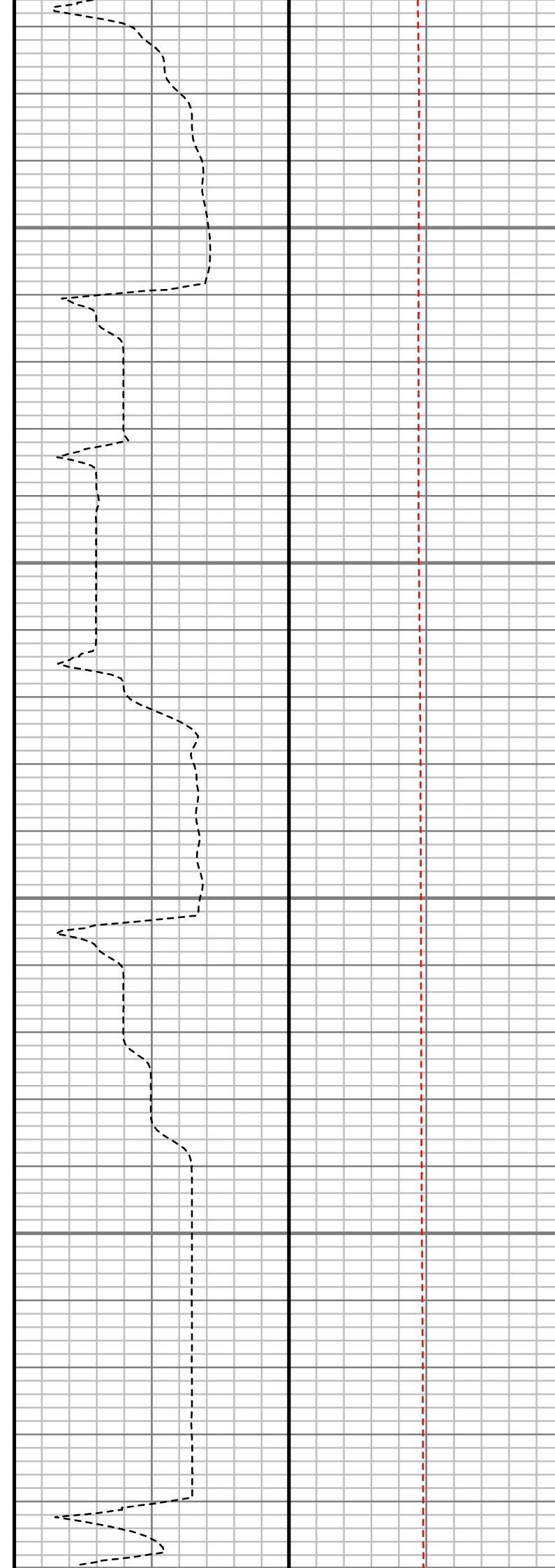
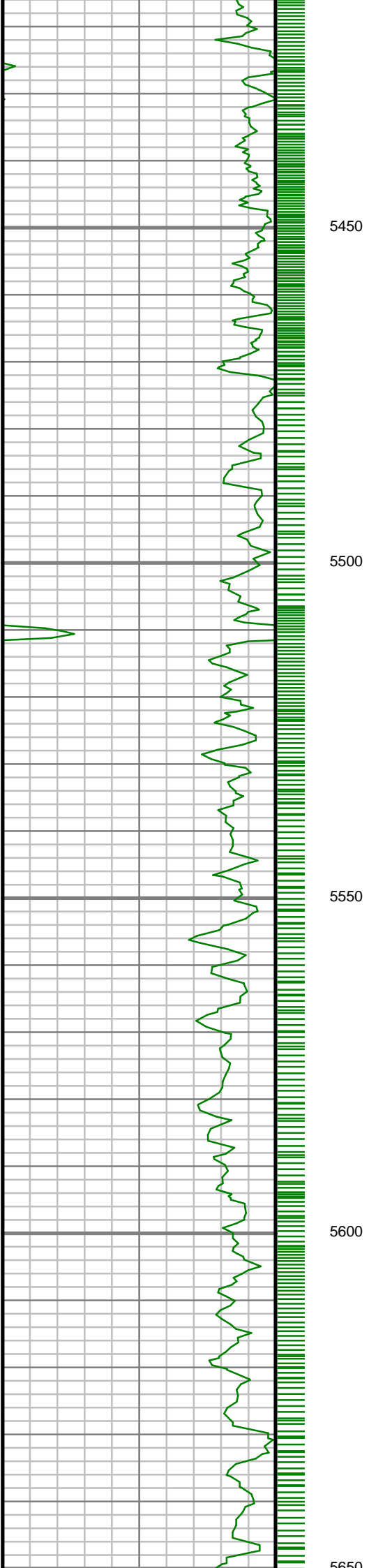
5400



S: 55 MD: 5211.00 ft  
Inc: 16.63 deg Az:  
34.08 deg TVD:  
5016.73 ft

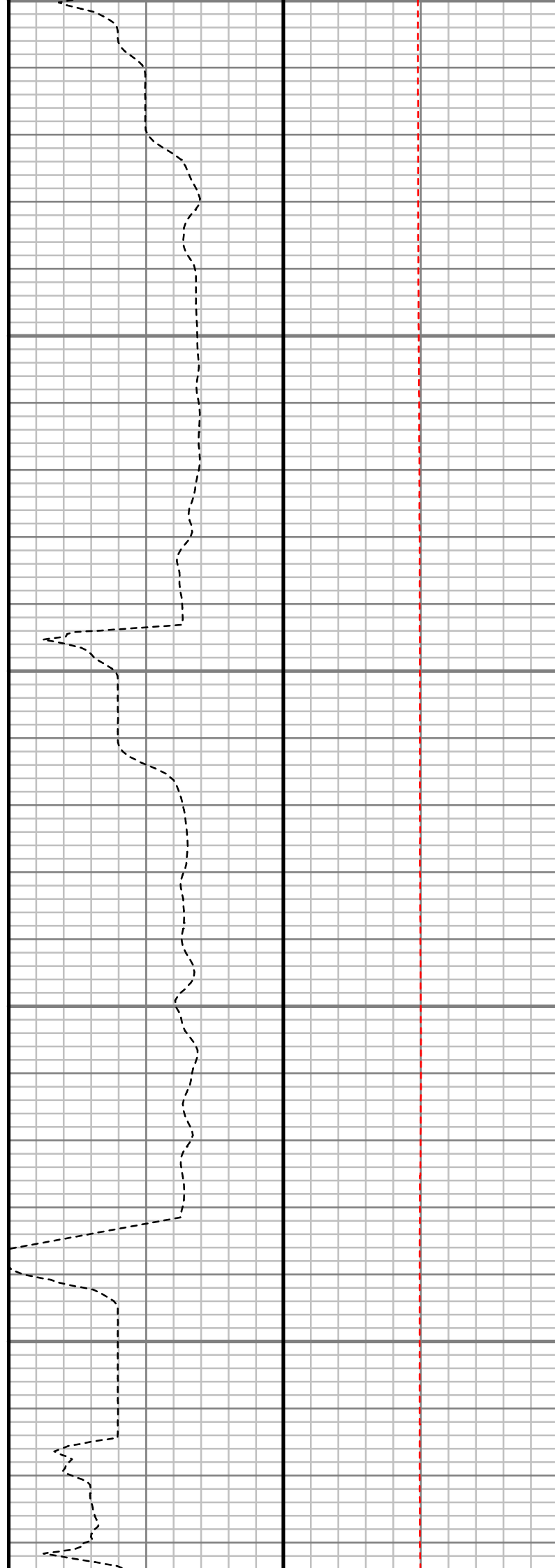
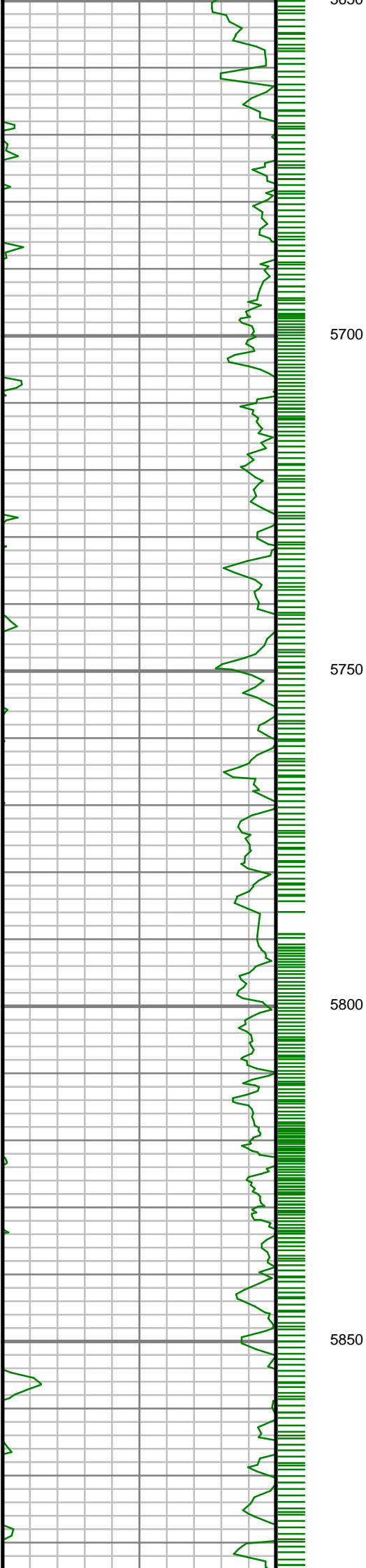
S: 56 MD: 5305.00 ft  
Inc: 15.85 deg Az:  
35.30 deg TVD:  
5106.98 ft

S: 57 MD: 5401.00 ft  
Inc: 14.76 deg Az:  
29.54 deg TVD:  
5199.58 ft



S: 58 MD: 5495.00 ft  
Inc: 15.77 deg Az:  
21.91 deg TVD:  
5290.28 ft

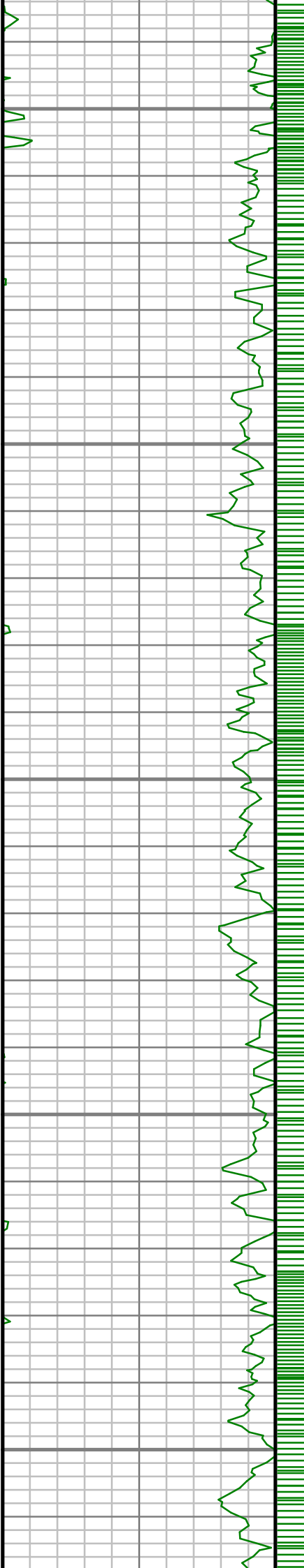
S: 59 MD: 5590.00 ft  
Inc: 15.67 deg Az:  
22.56 deg TVD:  
5381.72 ft



S: 60 MD: 5685.00 ft  
Inc: 12.10 deg Az:  
23.05 deg TVD:  
5473.93 ft

S: 61 MD: 5780.00 ft  
Inc: 8.99 deg Az: 21.21  
deg TVD: 5567.31 ft

S: 62 MD: 5875.00 ft  
Inc: 7.70 deg Az: 23.99  
deg TVD: 5661.31 ft



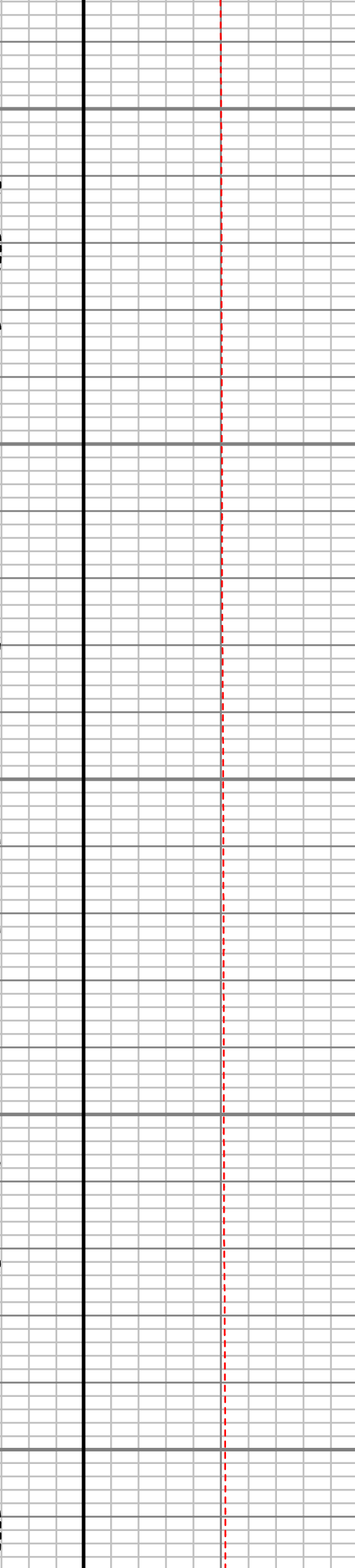
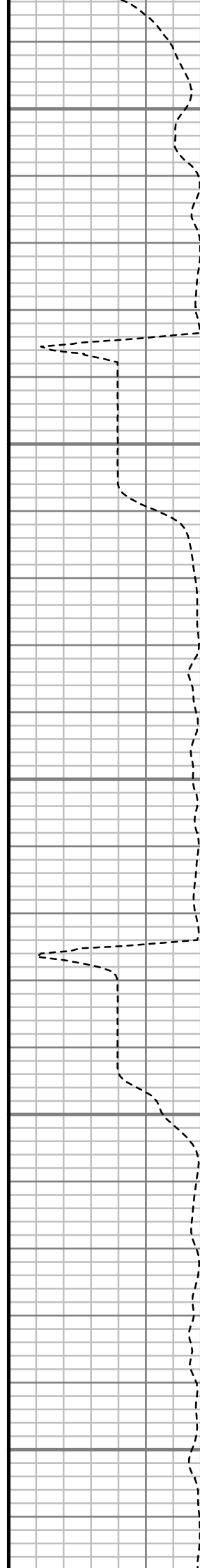
5900

5950

6000

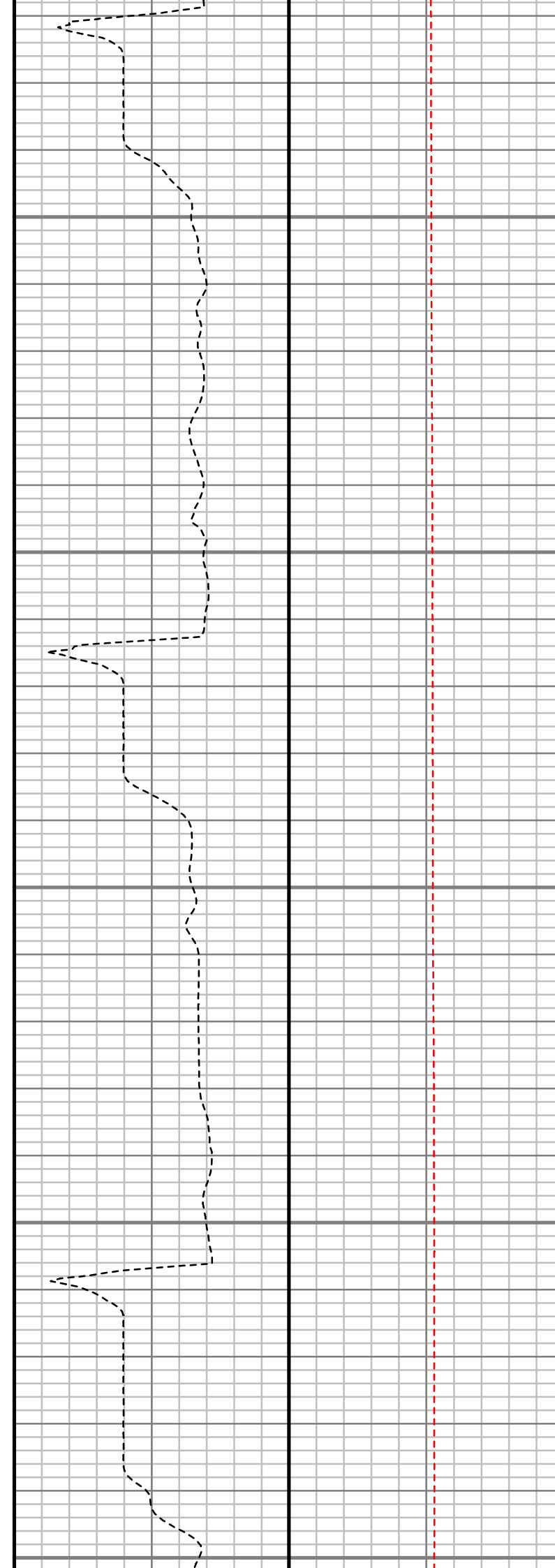
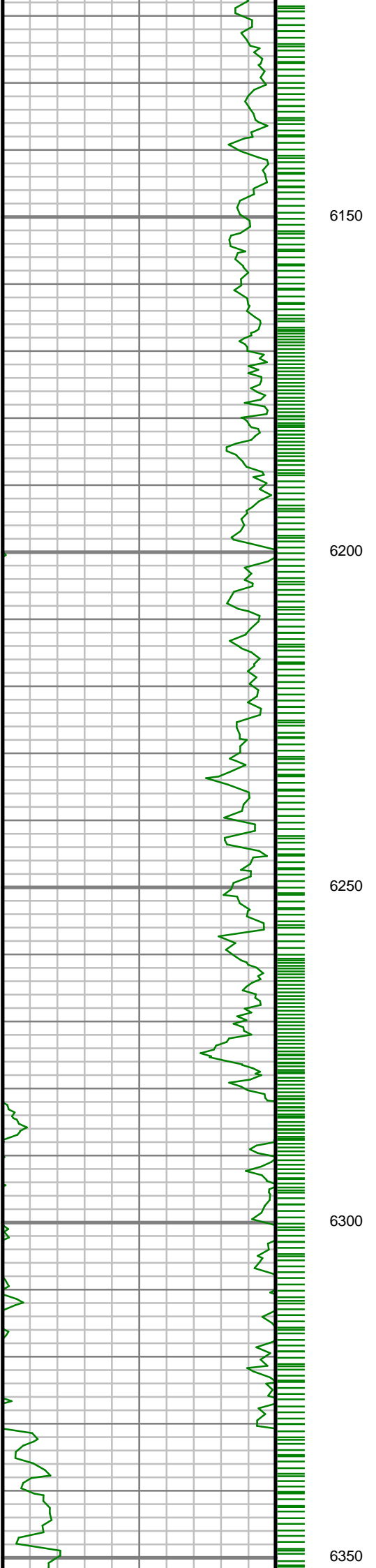
6050

6100



S: 63 MD: 5970.00 ft  
Inc: 6.44 deg Az: 19.75  
deg TVD: 5755.58 ft

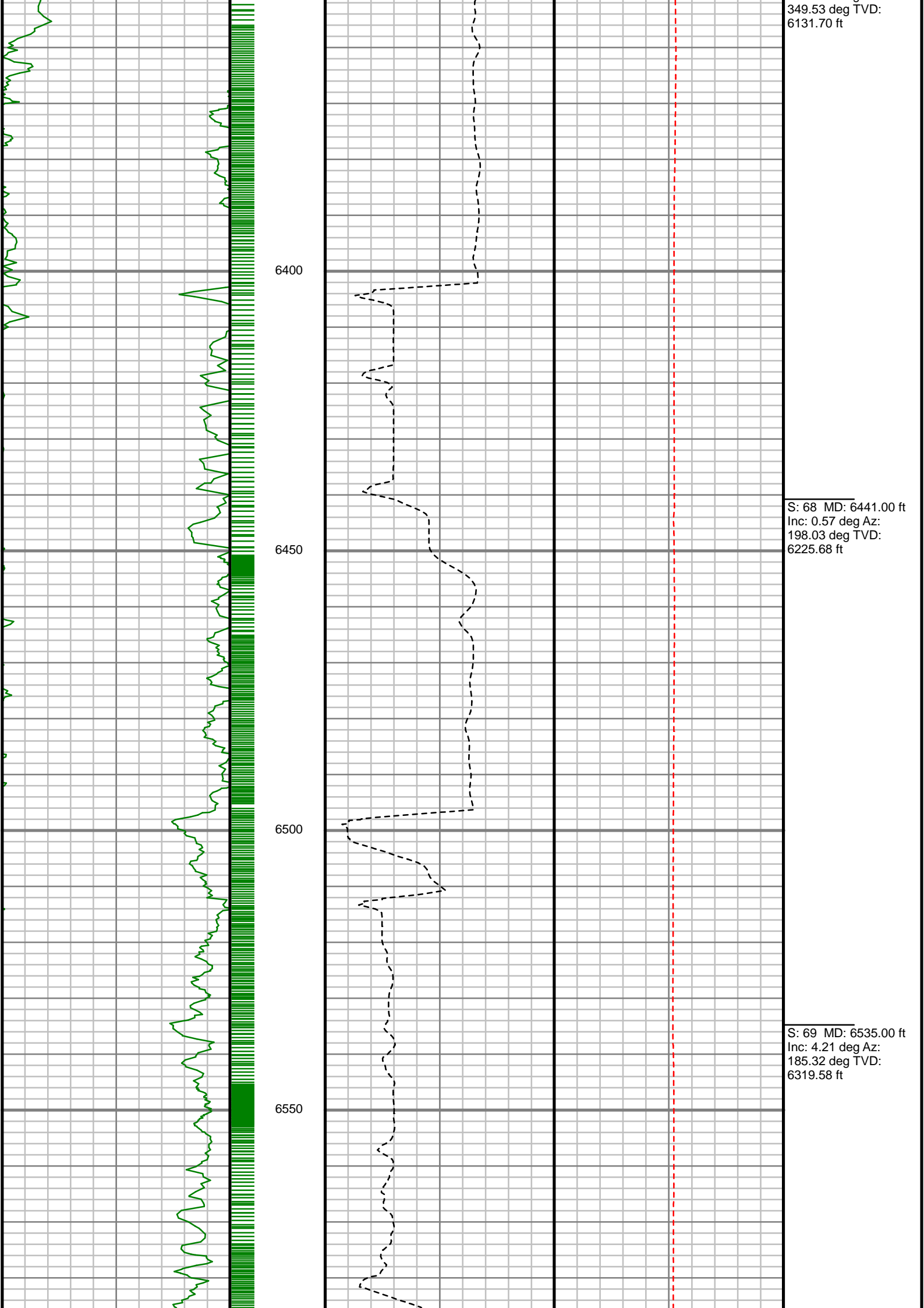
S: 64 MD: 6065.00 ft  
Inc: 4.55 deg Az: 10.01  
deg TVD: 5850.14 ft

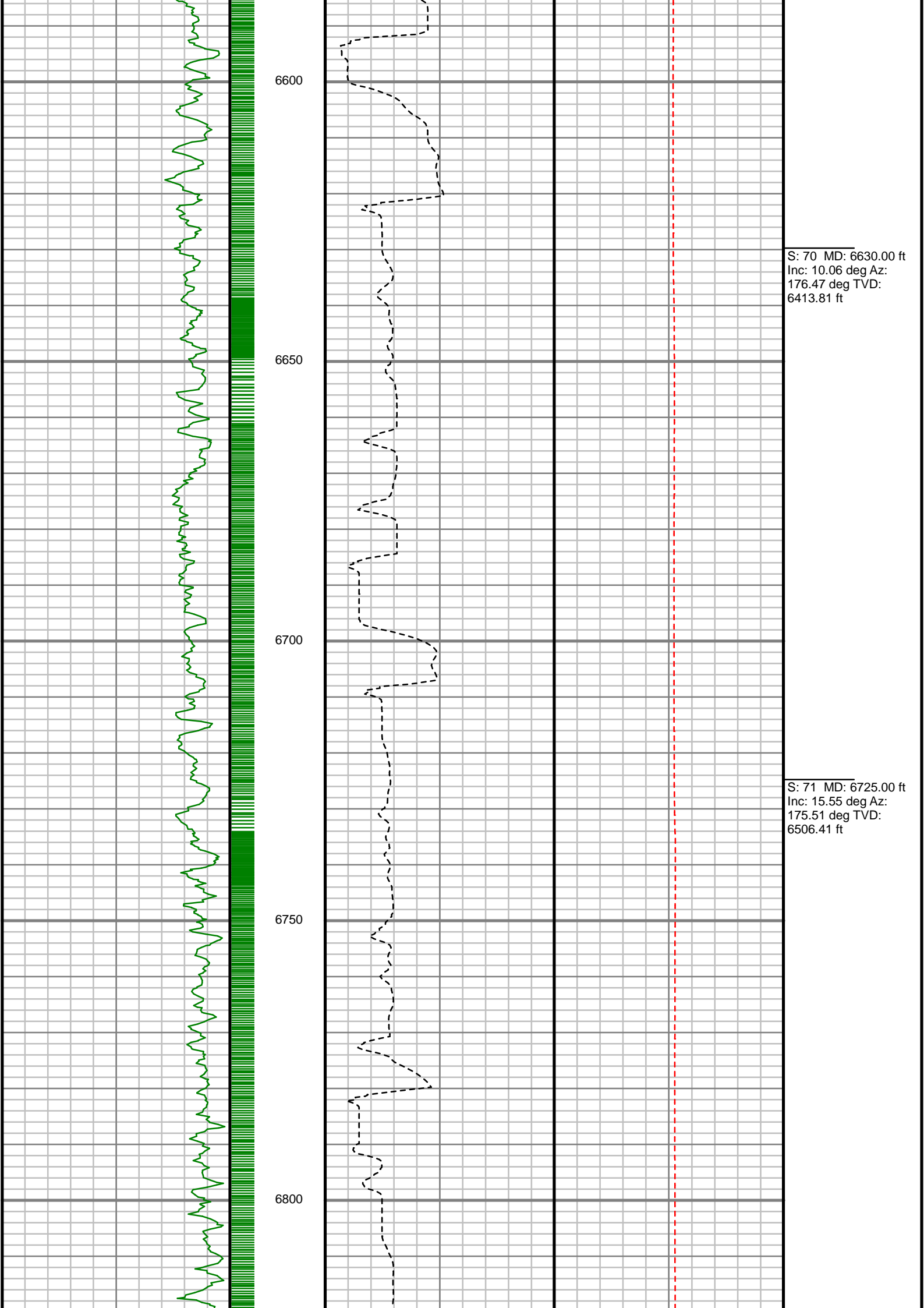


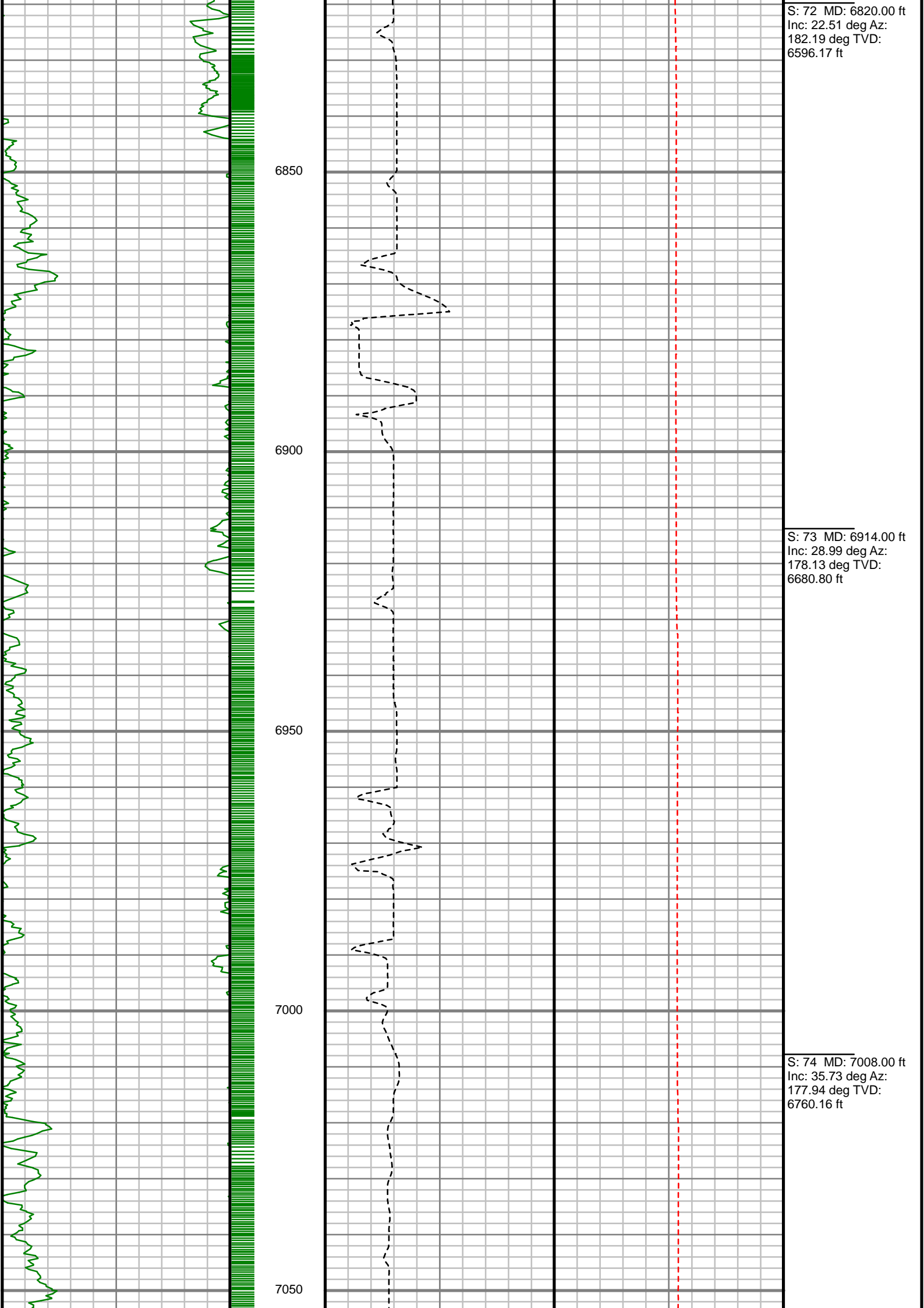
S: 65 MD: 6158.00 ft  
Inc: 3.46 deg Az: 1.92  
deg TVD: 5942.92 ft

S: 66 MD: 6251.00 ft  
Inc: 2.70 deg Az:  
356.22 deg TVD:  
6035.78 ft

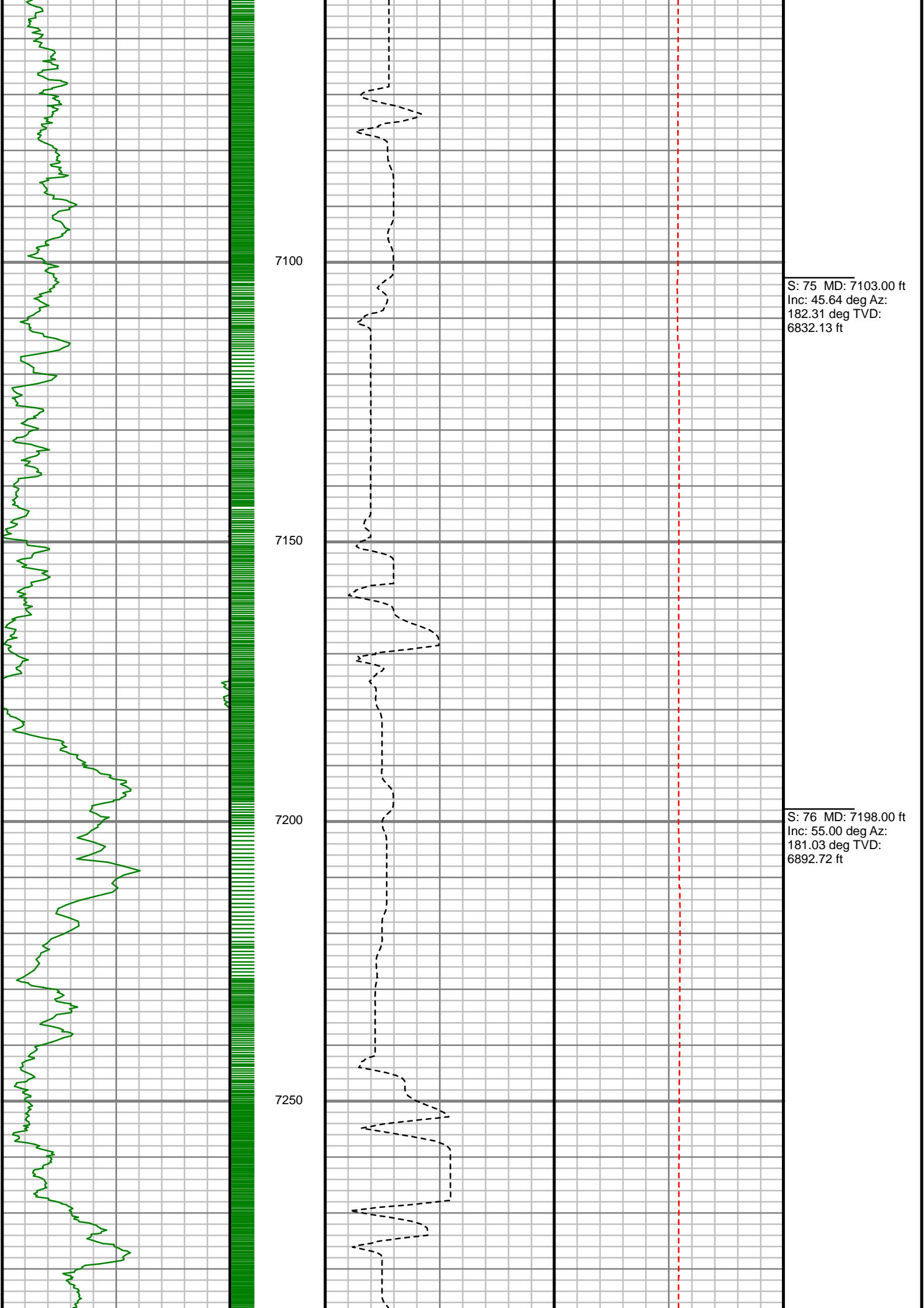
S: 67 MD: 6347.00 ft  
Inc: 2.18 deg Az:

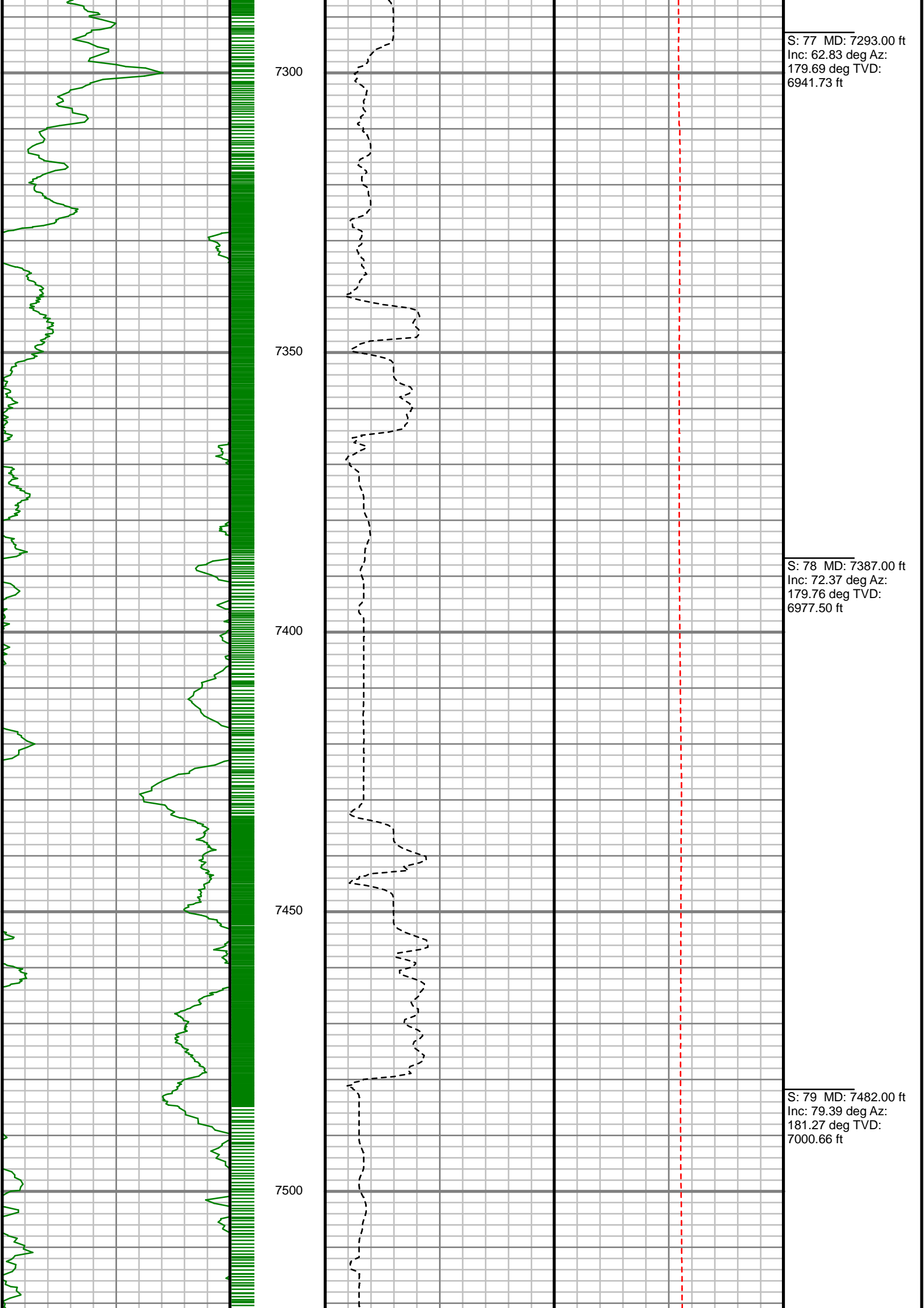


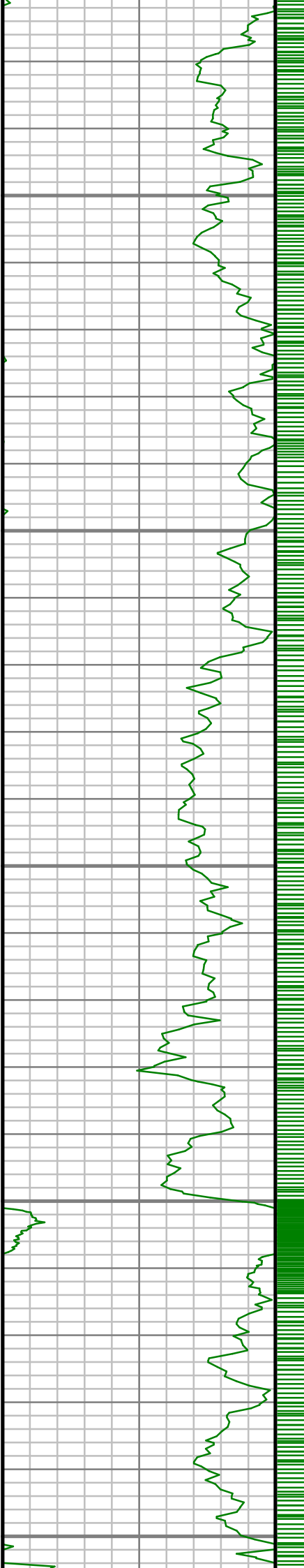












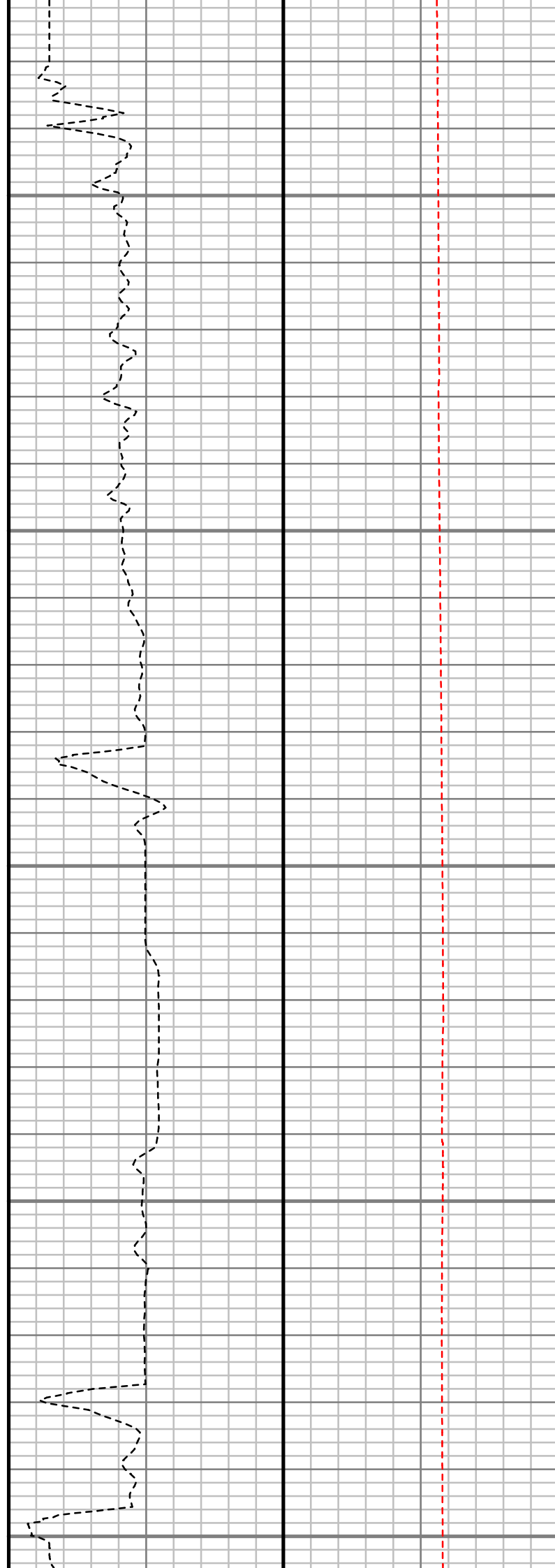
7550

7600

7650

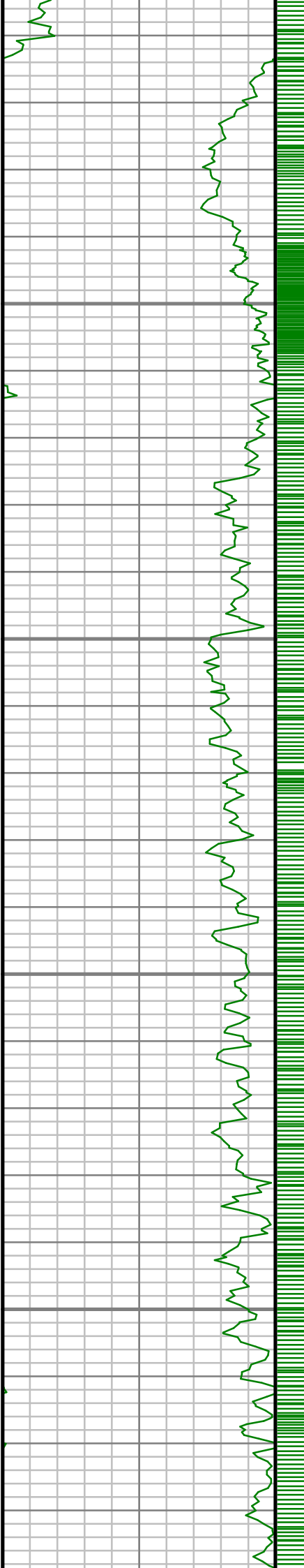
7700

7750



S: 80 MD: 7576.00 ft  
Inc: 86.74 deg Az:  
183.36 deg TVD:  
7012.00 ft

S: 81 MD: 7671.00 ft  
Inc: 87.38 deg Az:  
183.52 deg TVD:  
7016.87 ft

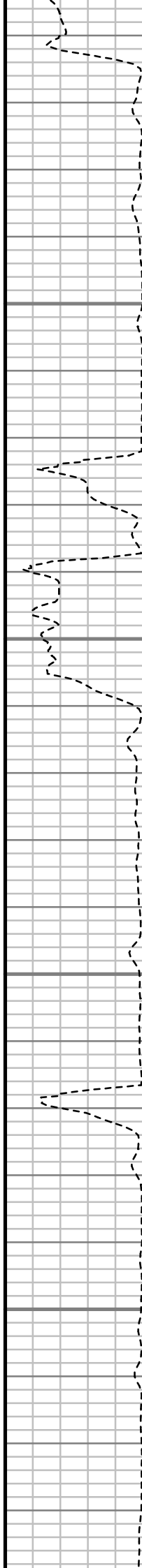


7800

7850

7900

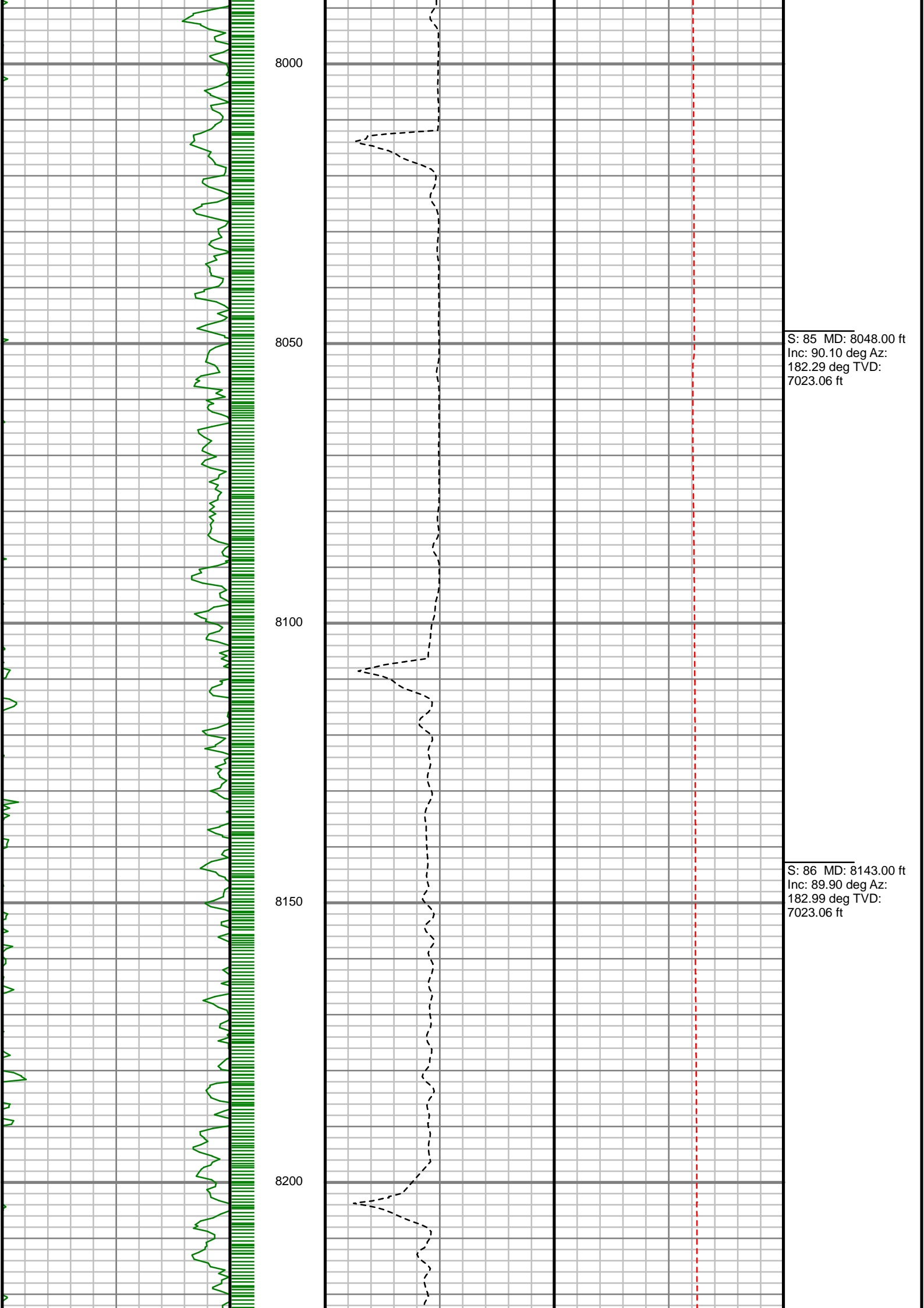
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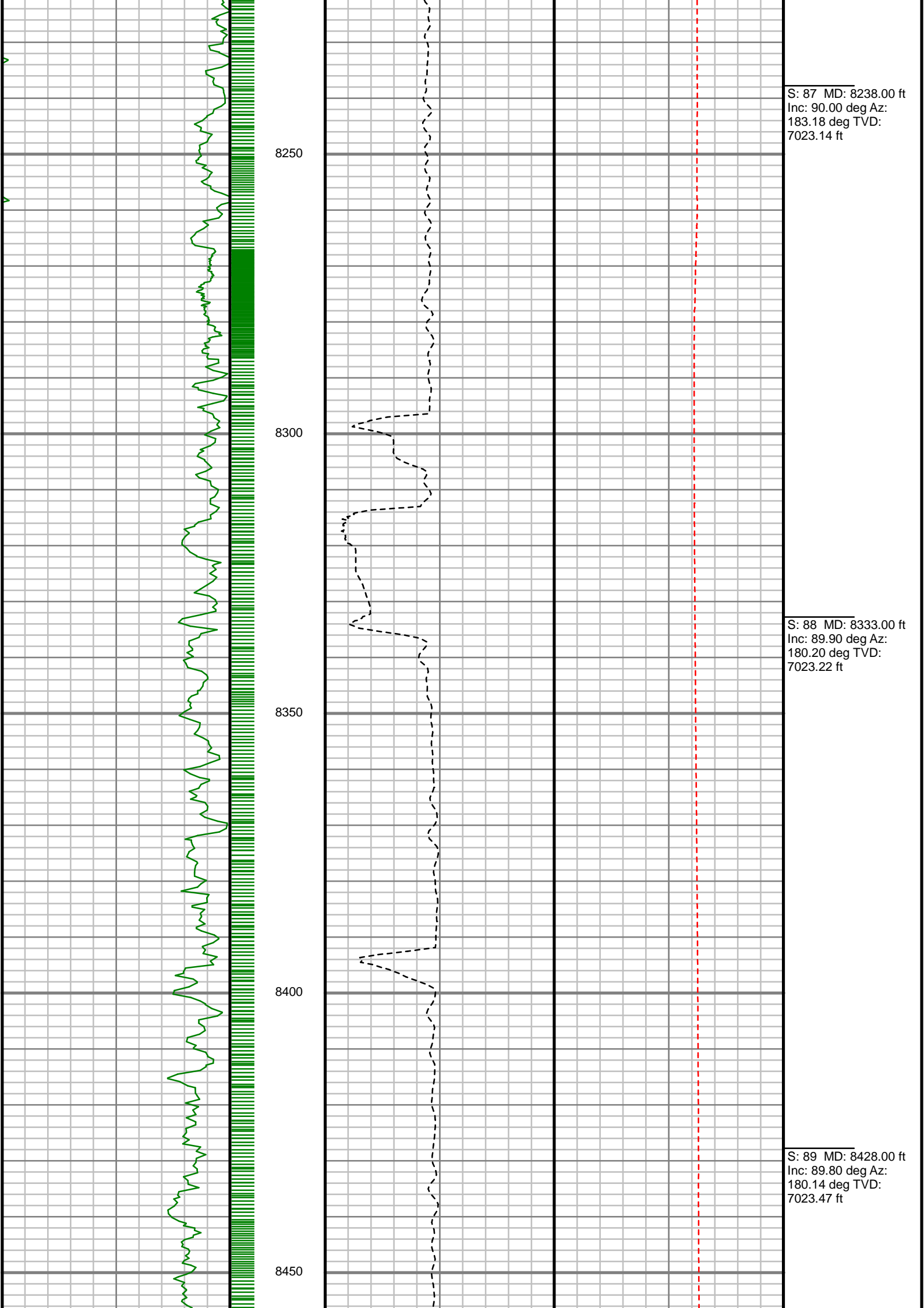


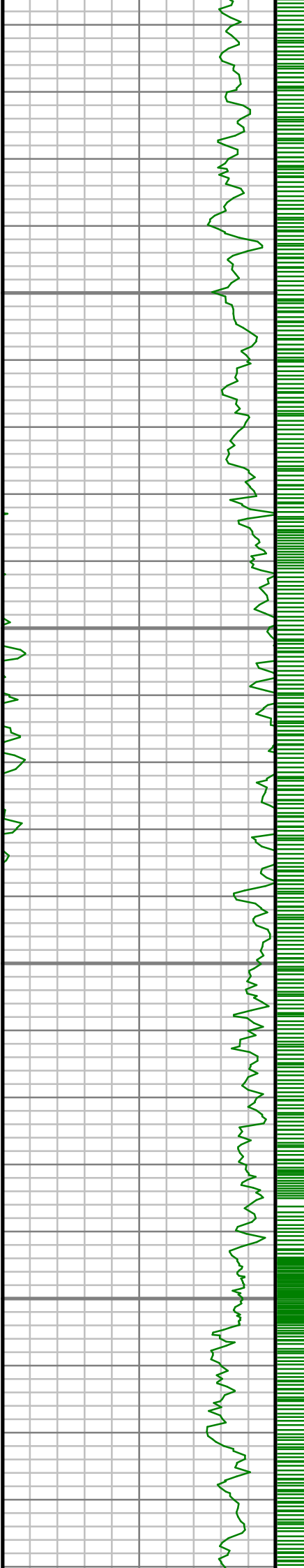
S: 82 MD: 7766.00 ft  
Inc: 87.92 deg Az:  
182.68 deg TVD:  
7020.77 ft

S: 83 MD: 7860.00 ft  
Inc: 89.56 deg Az:  
182.01 deg TVD:  
7022.84 ft

S: 84 MD: 7954.00 ft  
Inc: 90.03 deg Az:  
182.07 deg TVD:  
7023.17 ft





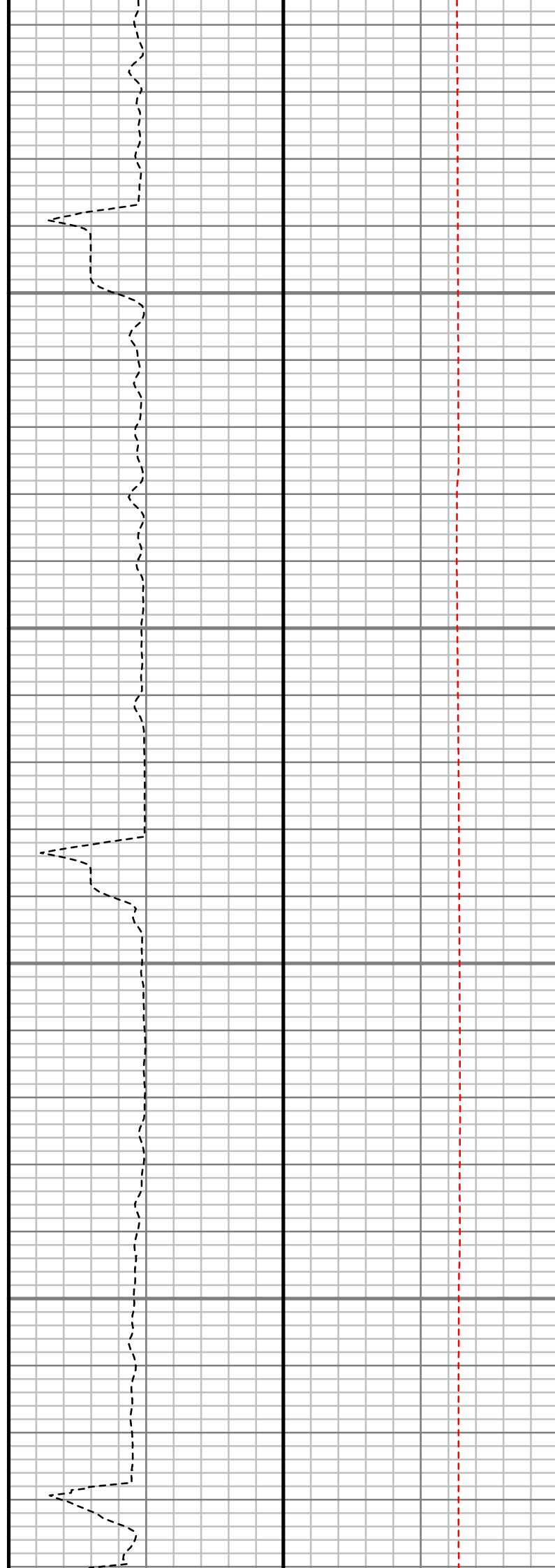


8500

8550

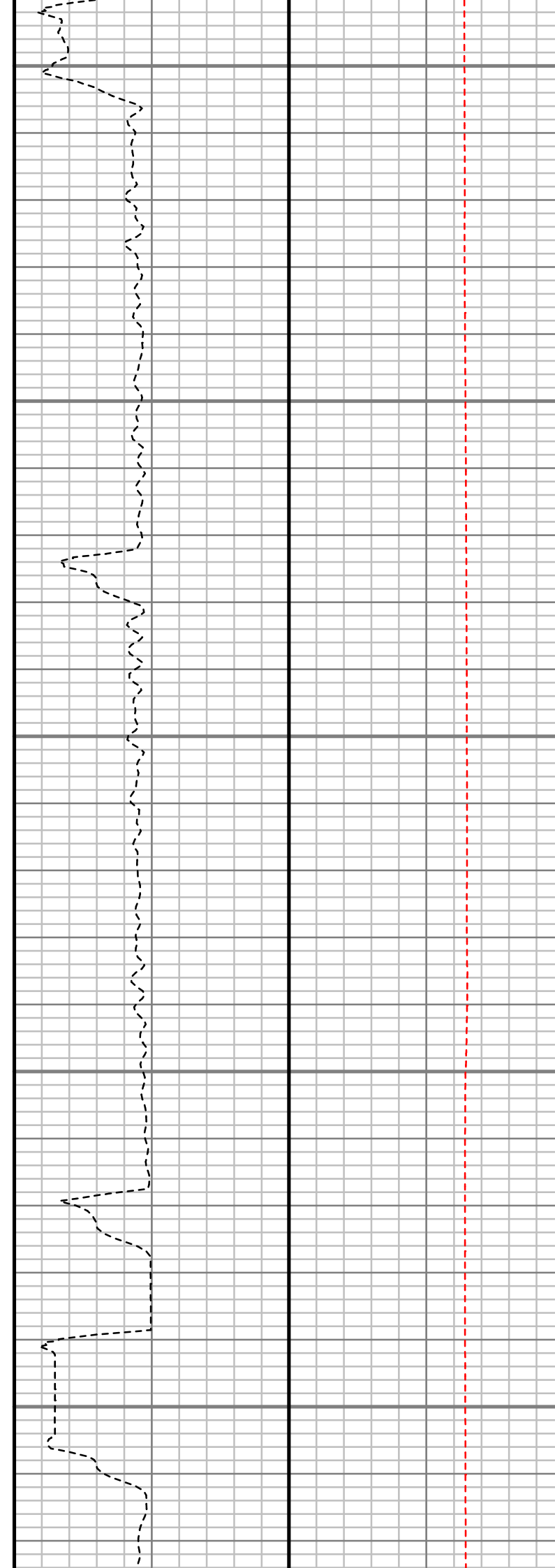
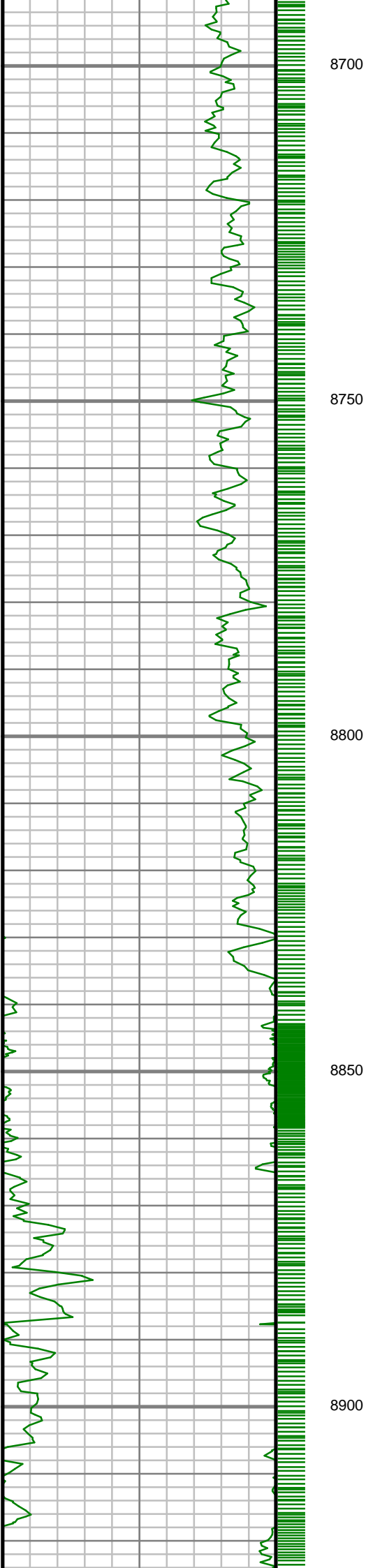
8600

8650



S: 90 MD: 8522.00 ft  
Inc: 90.57 deg Az:  
179.97 deg TVD:  
7023.17 ft

S: 91 MD: 8618.00 ft  
Inc: 90.87 deg Az:  
179.46 deg TVD:  
7021.96 ft

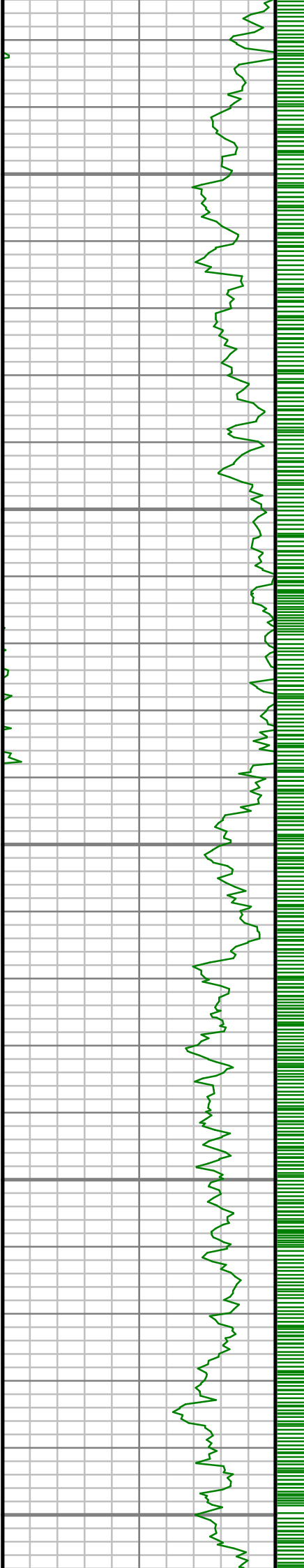


S: 92 MD: 8712.00 ft  
Inc: 90.07 deg Az:  
179.24 deg TVD:  
7021.19 ft

S: 93 MD: 8807.00 ft  
Inc: 90.57 deg Az:  
178.77 deg TVD:  
7020.66 ft

S: 94 MD: 8902.00 ft  
Inc: 88.69 deg Az:  
180.38 deg TVD:  
7021.28 ft





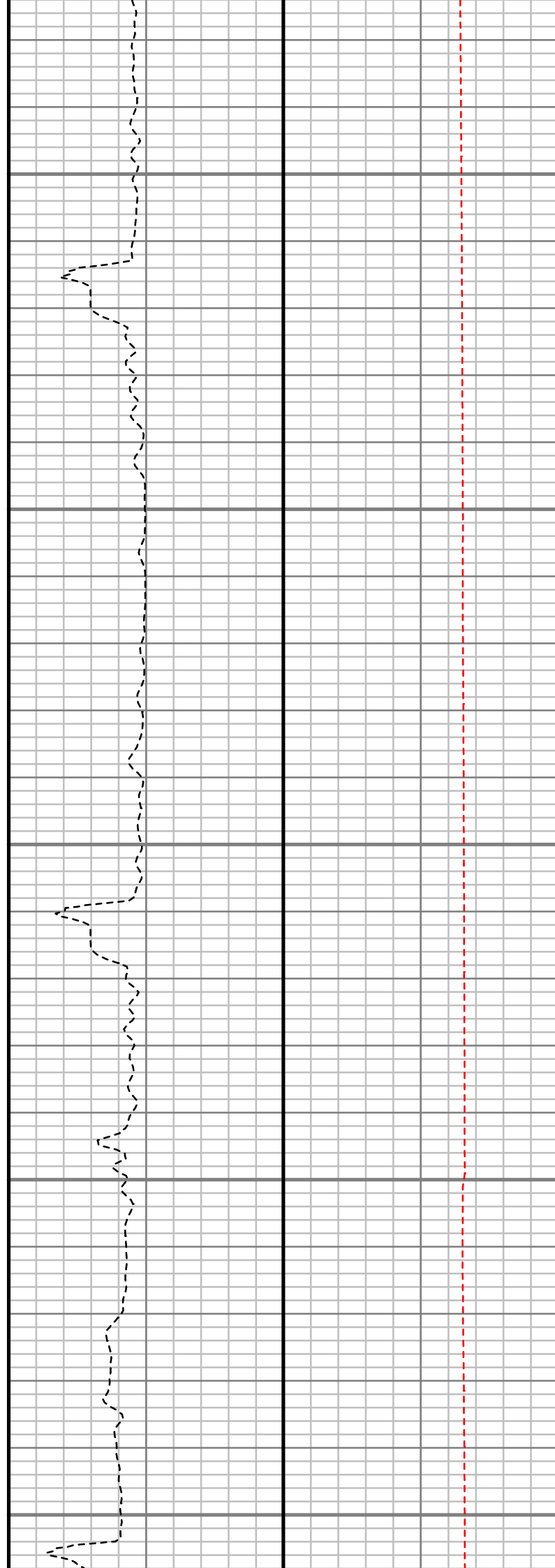
8950

9000

9050

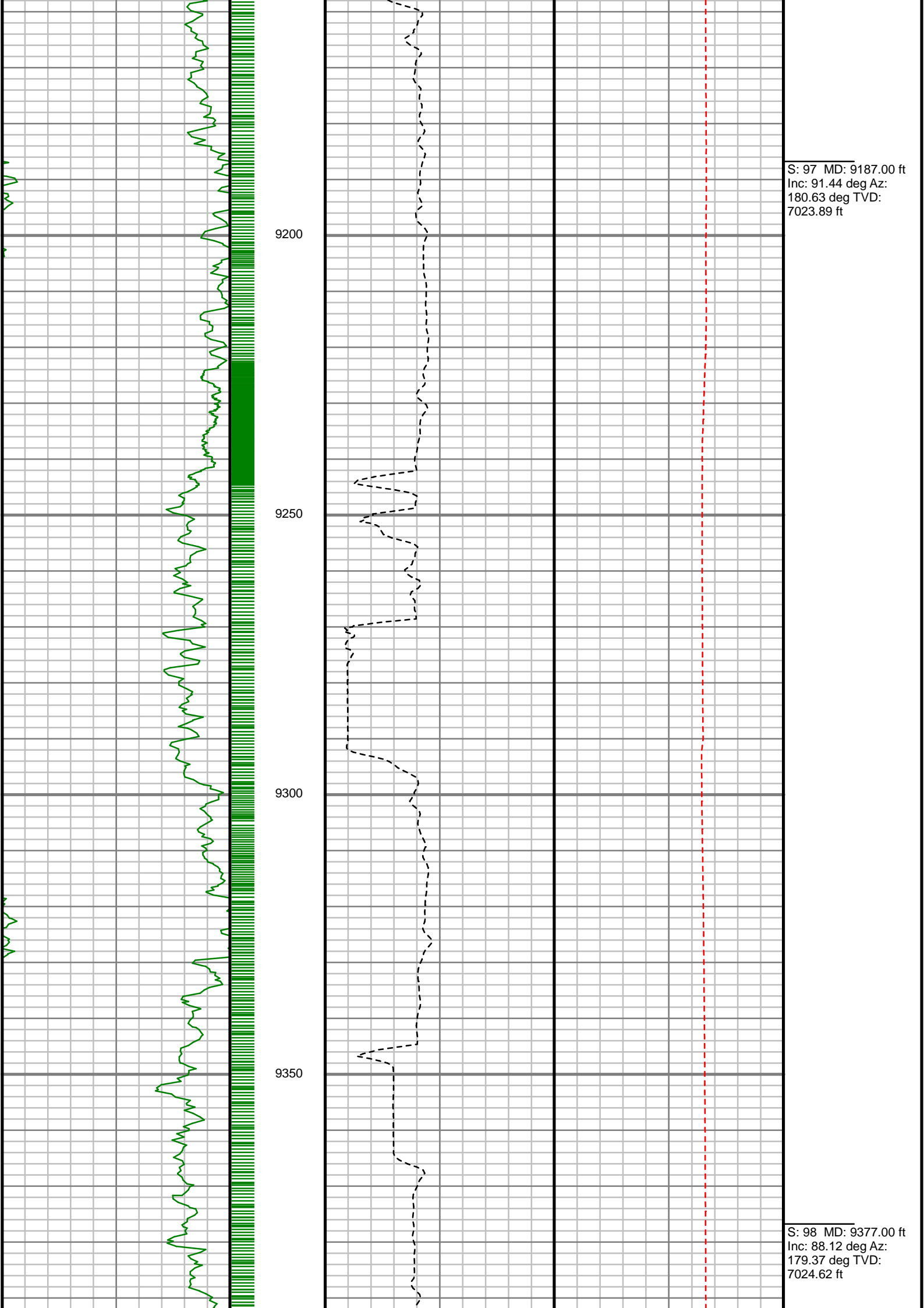
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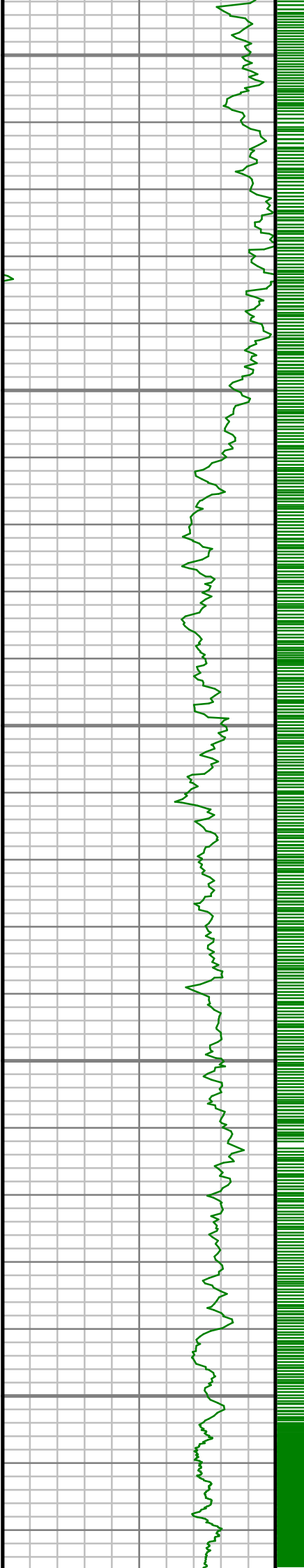
9150



S: 95 MD: 8997.00 ft  
Inc: 88.66 deg Az:  
180.42 deg TVD:  
7023.47 ft

S: 96 MD: 9092.00 ft  
Inc: 89.70 deg Az:  
180.48 deg TVD:  
7024.84 ft





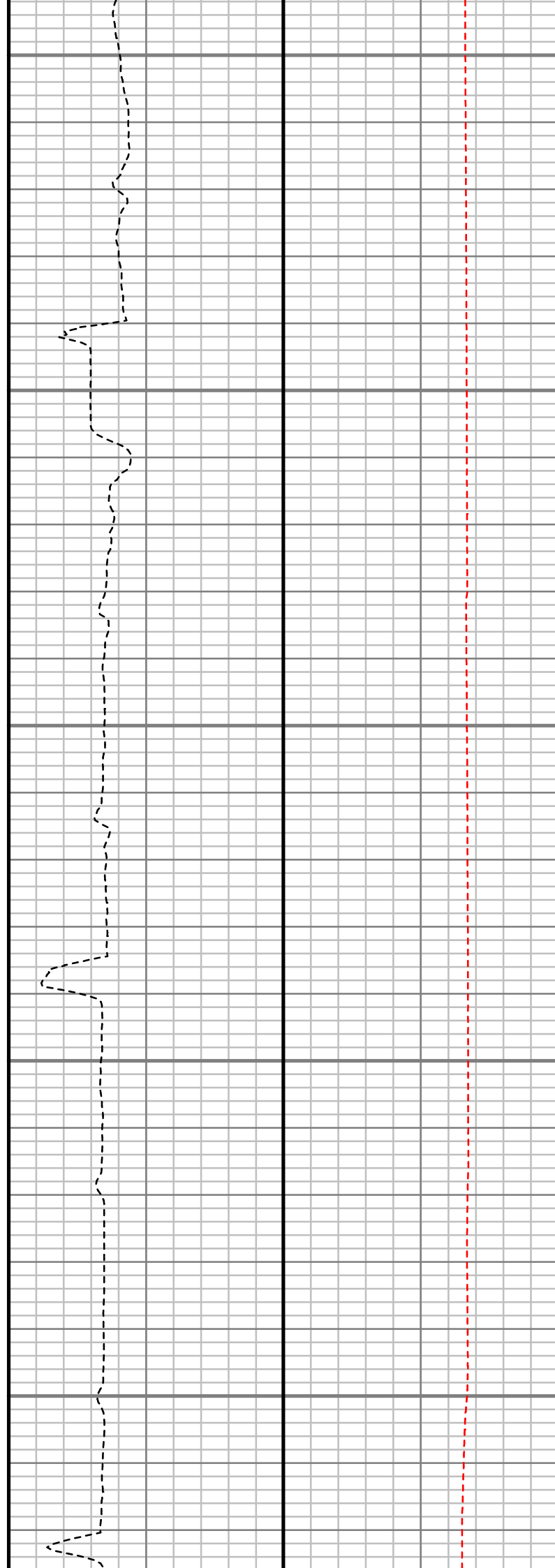
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9450

9500

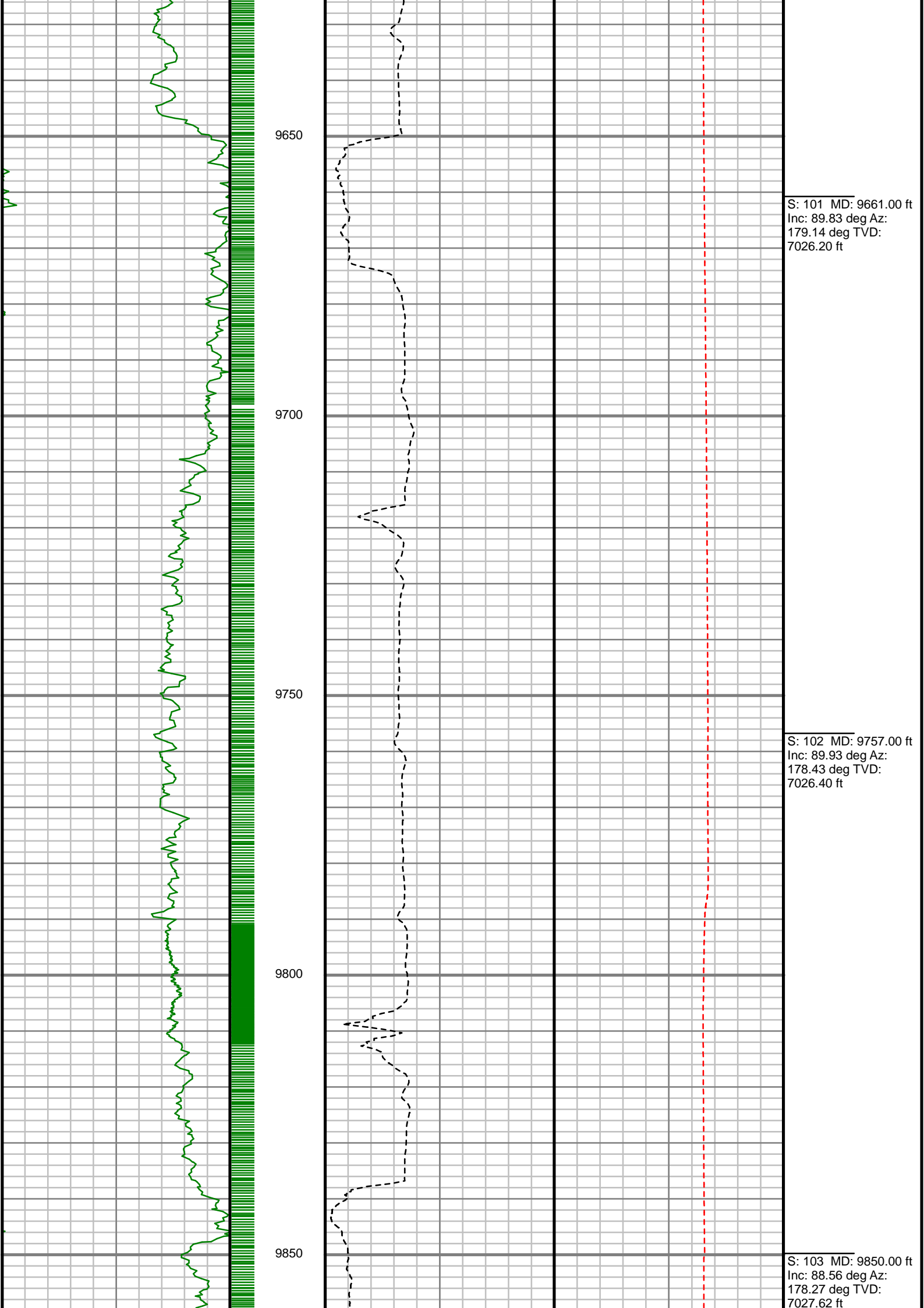
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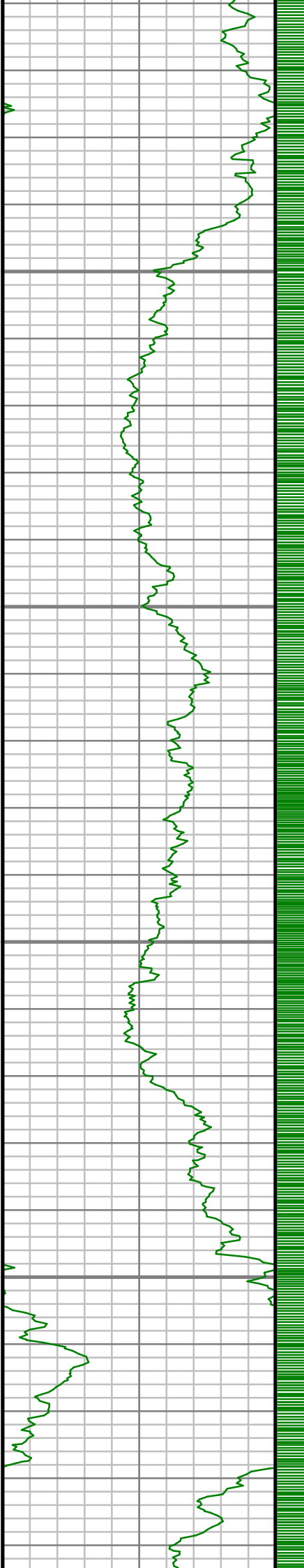
9600



S: 99 MD: 9472.00 ft  
Inc: 89.23 deg Az:  
179.20 deg TVD:  
7026.81 ft

S: 100 MD: 9566.00 ft  
Inc: 90.84 deg Az:  
179.39 deg TVD:  
7026.76 ft



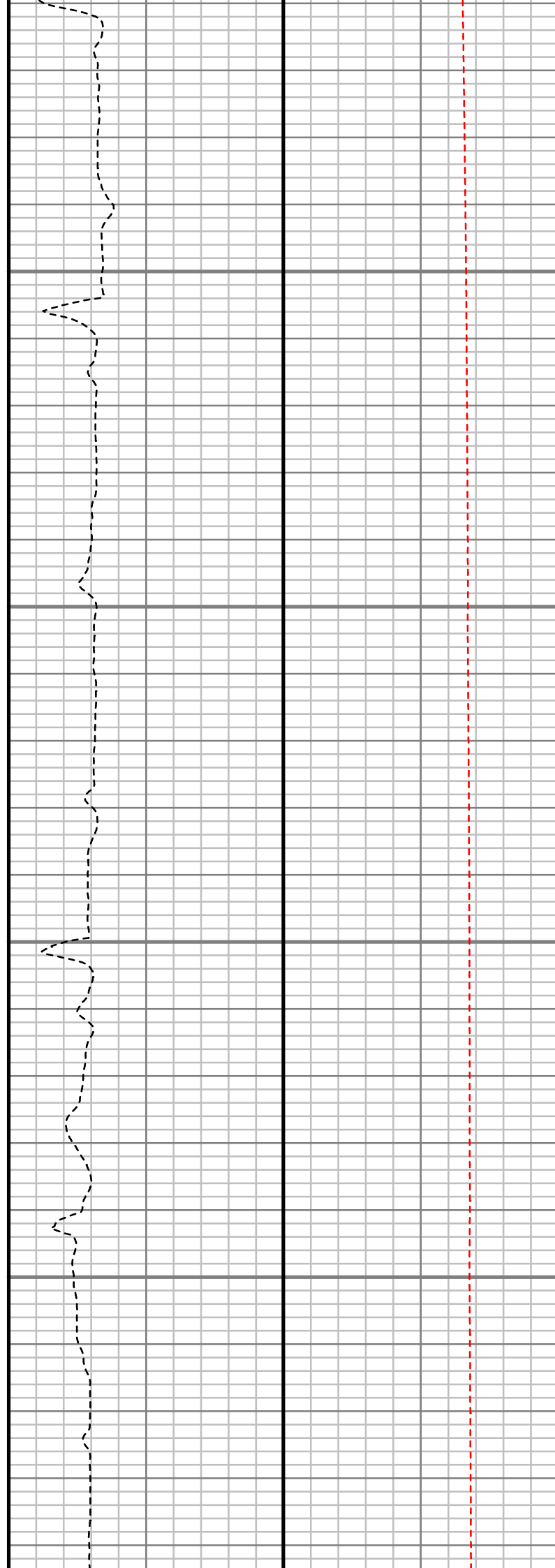


9900

9950

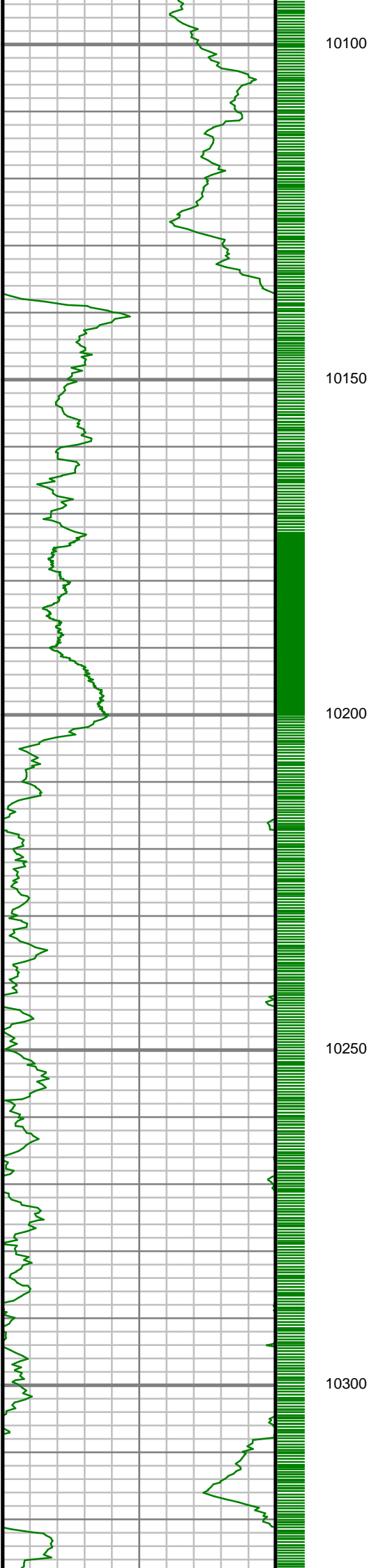
10000

10050



S: 104 MD: 9945.00 ft  
Inc: 88.42 deg Az:  
177.75 deg TVD:  
7030.13 ft

S: 105 MD: 10041.00 ft  
Inc: 89.06 deg Az:  
177.40 deg TVD:  
7032.23 ft



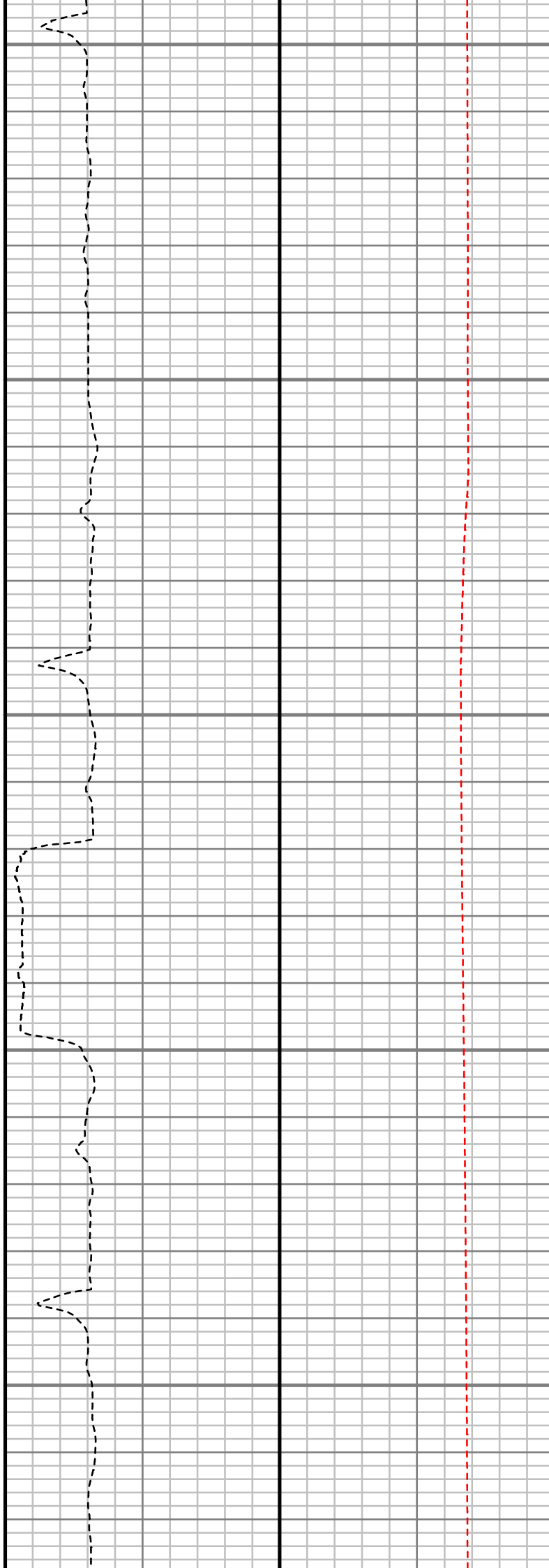
10100

10150

10200

10250

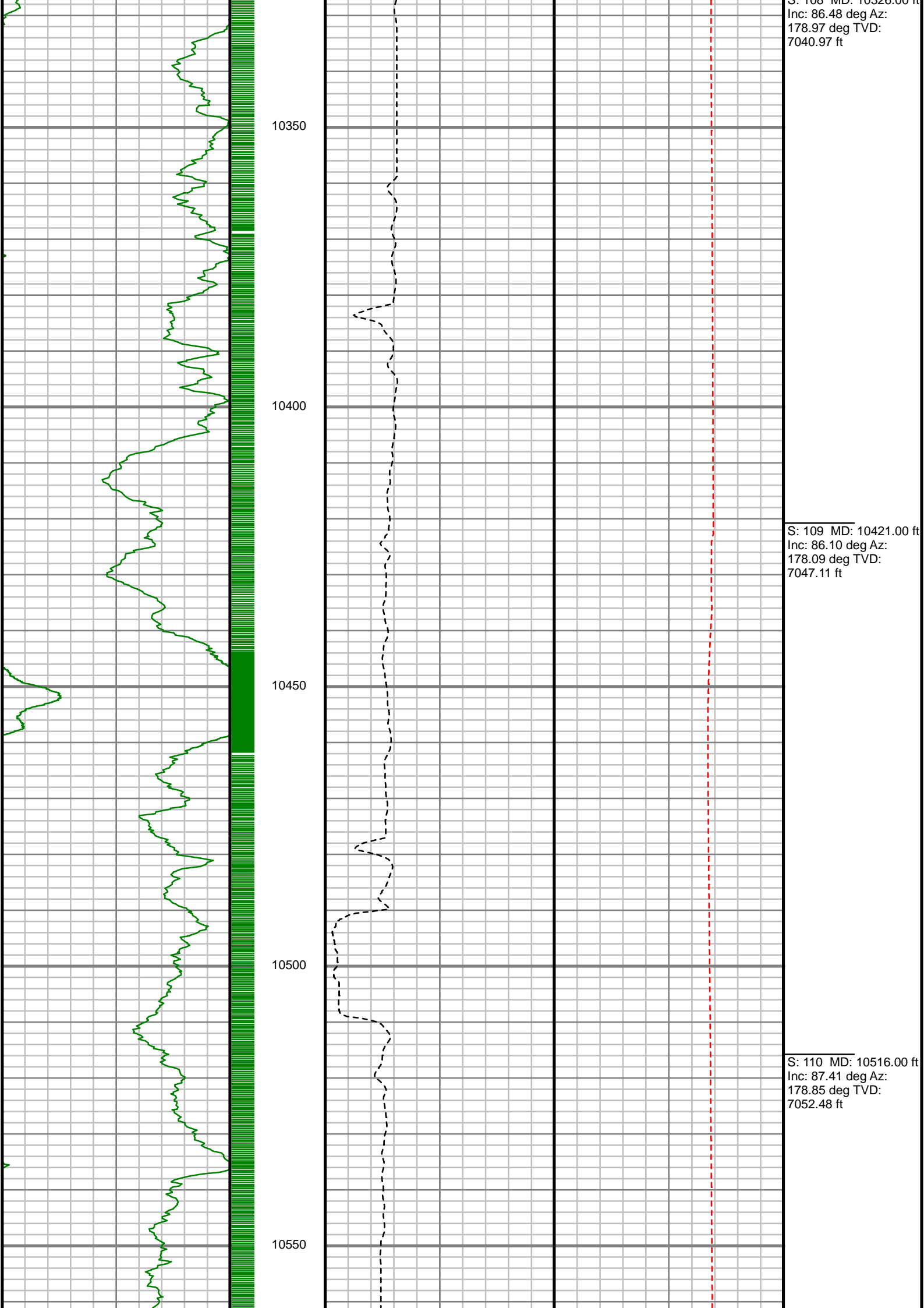
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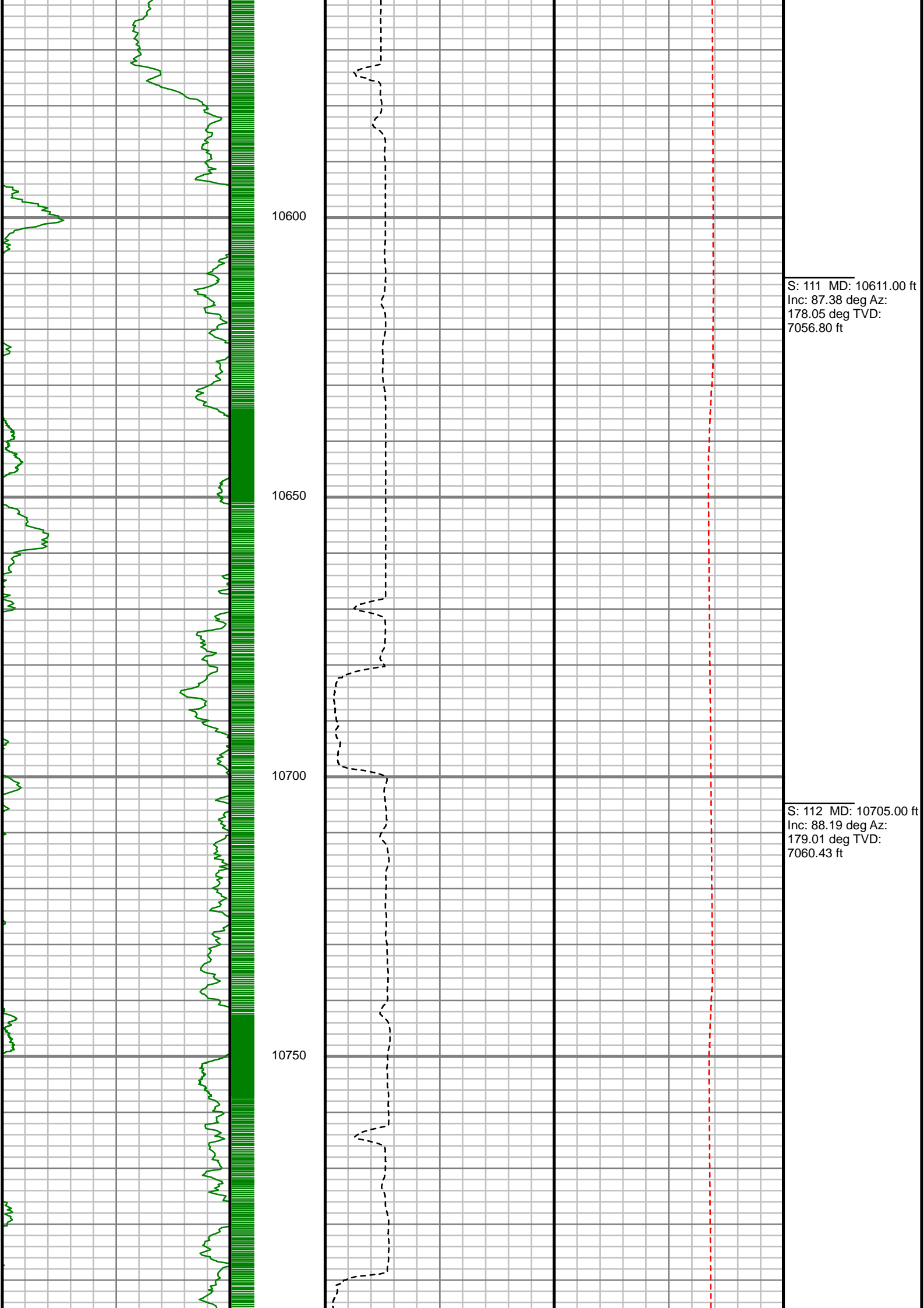


S: 106 MD: 10136.00 ft  
Inc: 89.16 deg Az:  
176.08 deg TVD:  
7033.71 ft

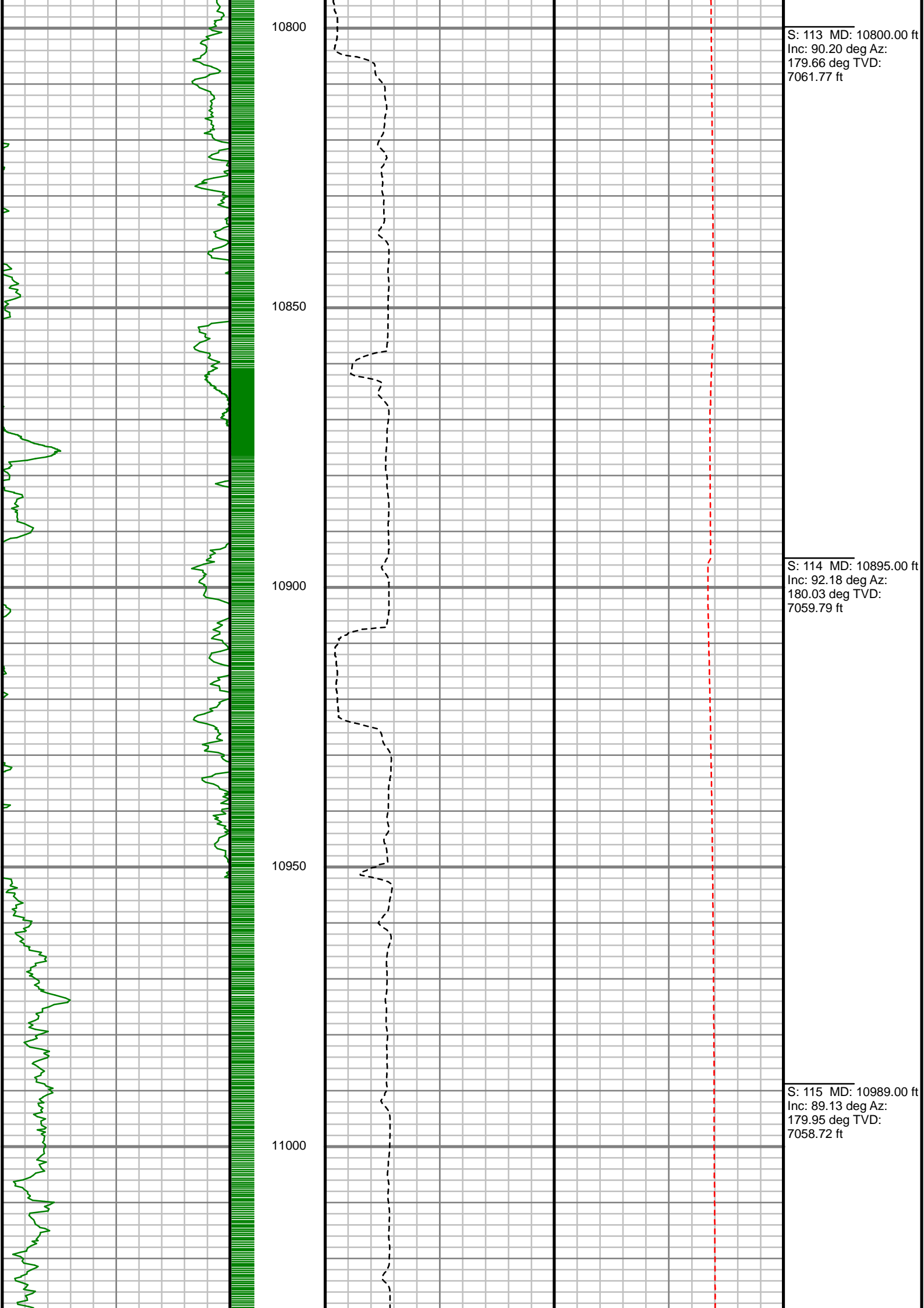
S: 107 MD: 10230.00 ft  
Inc: 87.82 deg Az:  
177.97 deg TVD:  
7036.19 ft

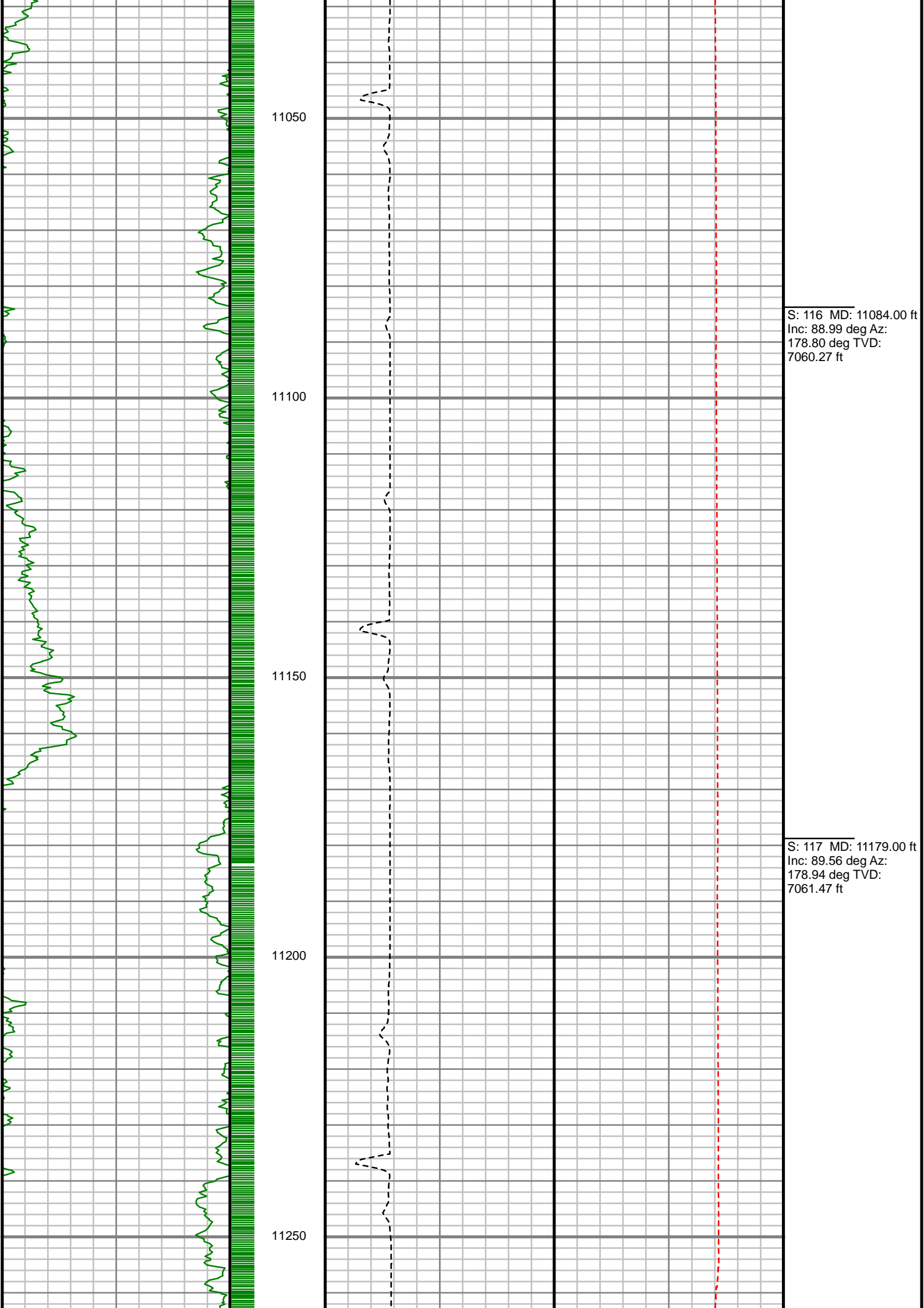
S: 108 MD: 10326.00 ft

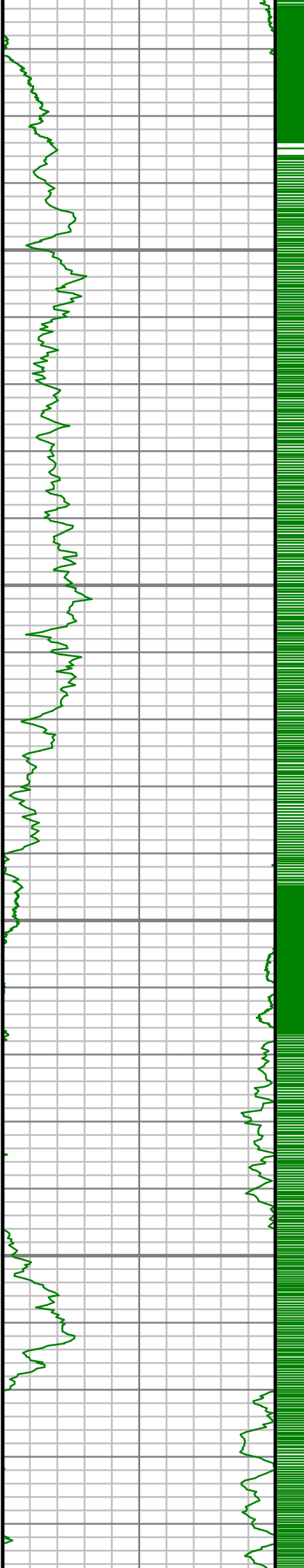












11300

11350

11400

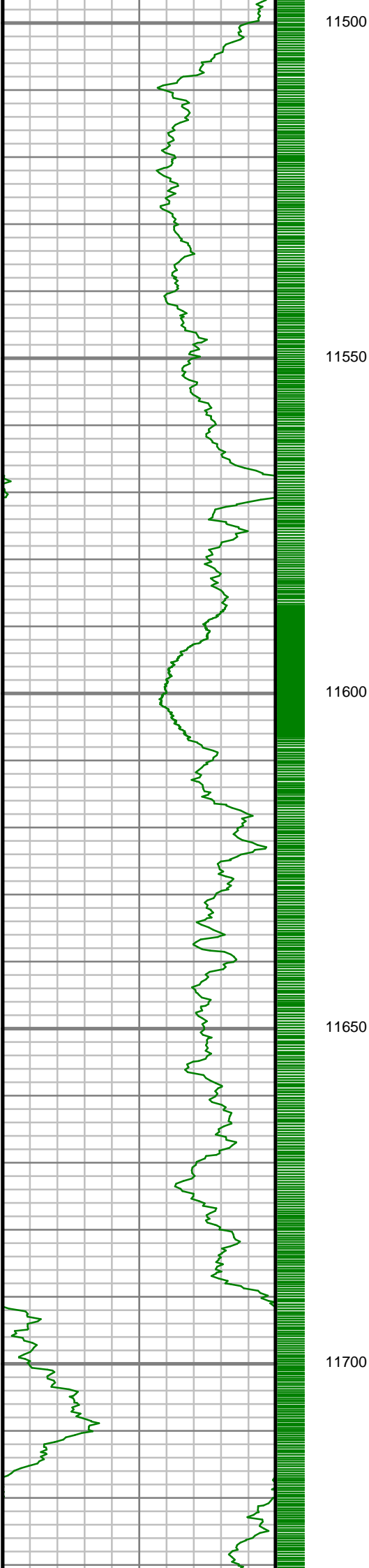
11450



S: 118 MD: 11273.00 ft  
Inc: 88.02 deg Az:  
176.38 deg TVD:  
7063.45 ft

S: 119 MD: 11368.00 ft  
Inc: 88.36 deg Az:  
177.54 deg TVD:  
7066.46 ft

S: 120 MD: 11464.00 ft  
Inc: 90.03 deg Az:  
179.36 deg TVD:  
7067.80 ft



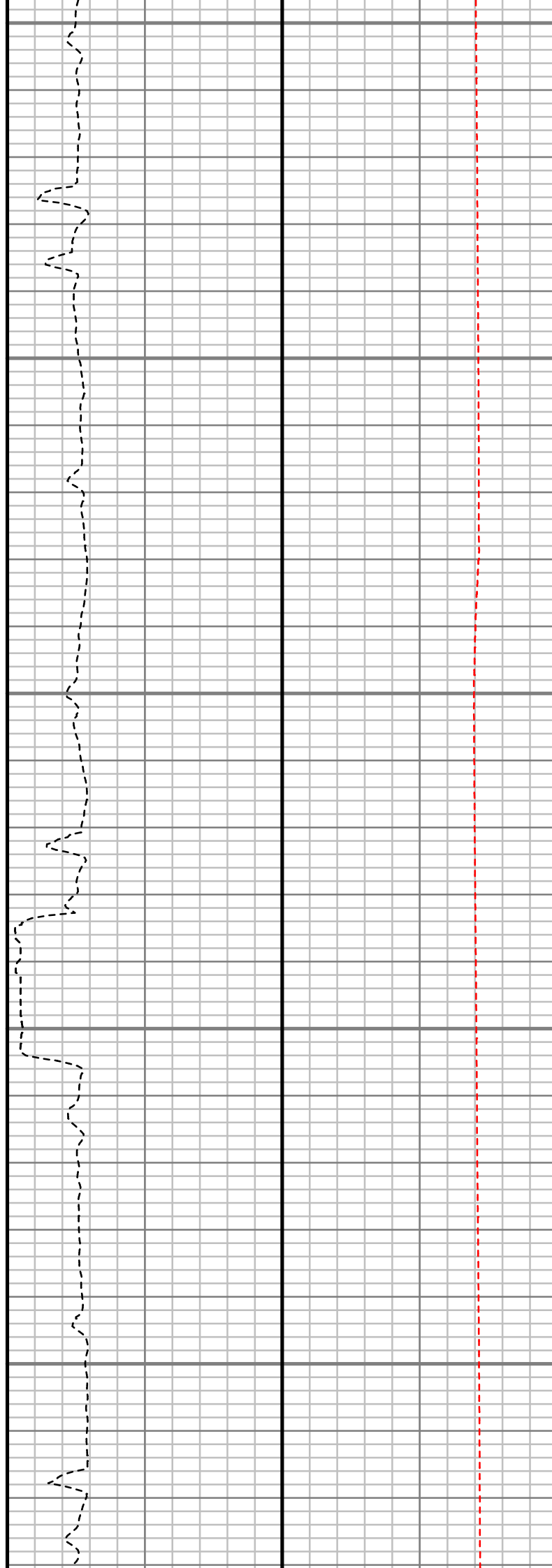
11500

11550

11600

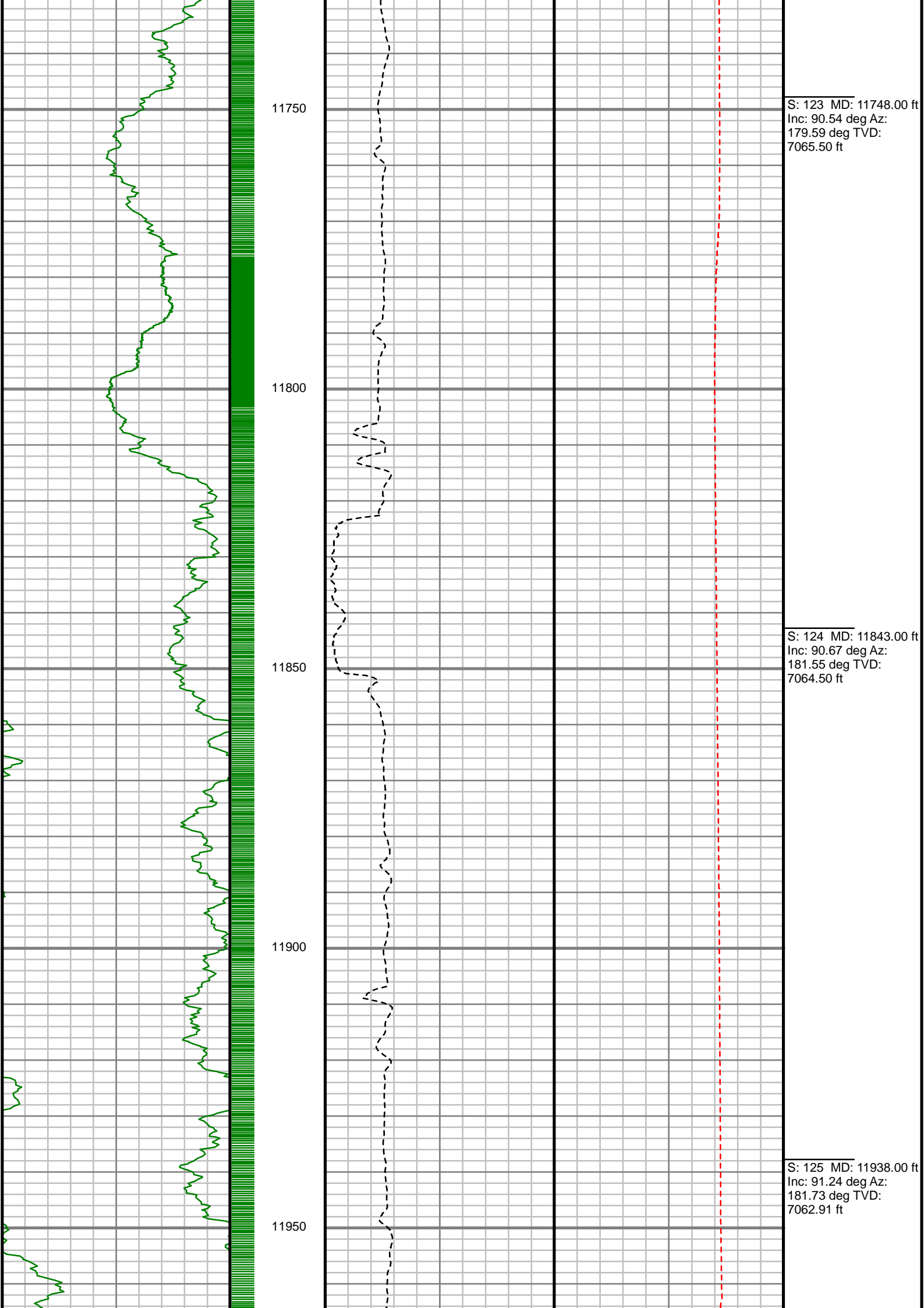
11650

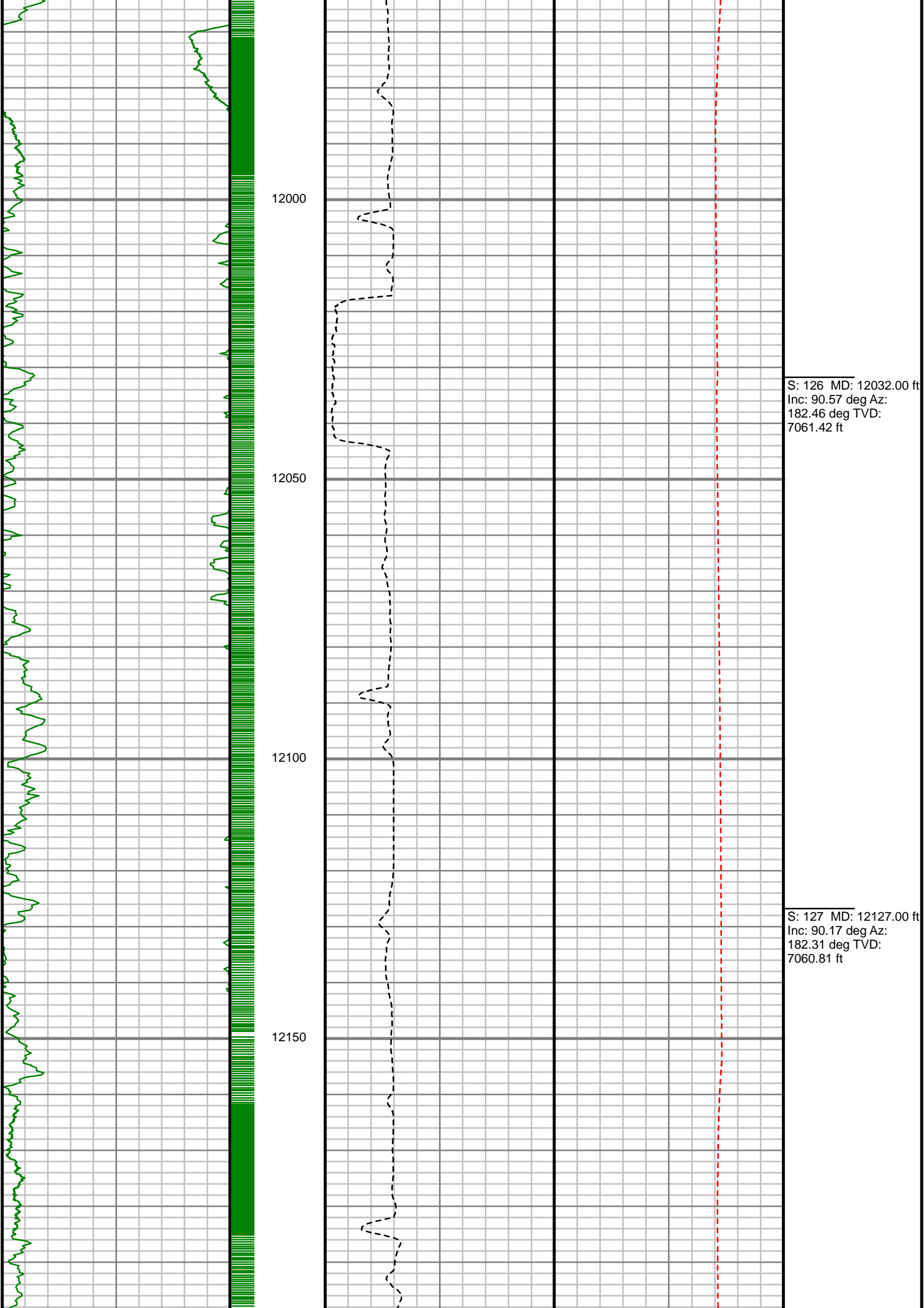
11700

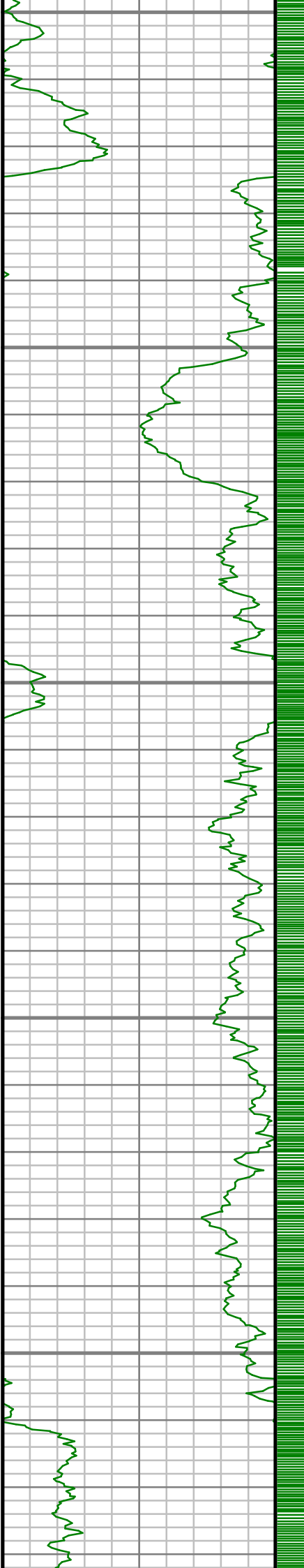


S: 121 MD: 11558.00 ft  
Inc: 90.74 deg Az:  
178.58 deg TVD:  
7067.17 ft

S: 122 MD: 11653.00 ft  
Inc: 90.37 deg Az:  
179.77 deg TVD:  
7066.25 ft







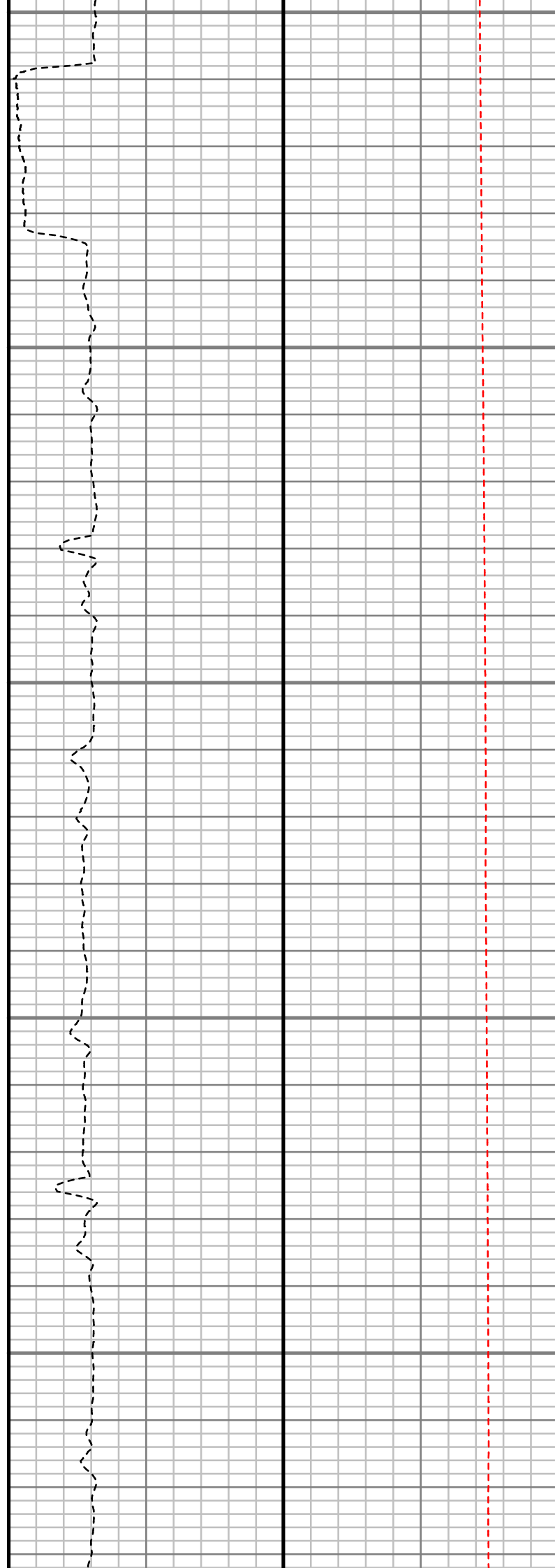
12200

12250

12300

12350

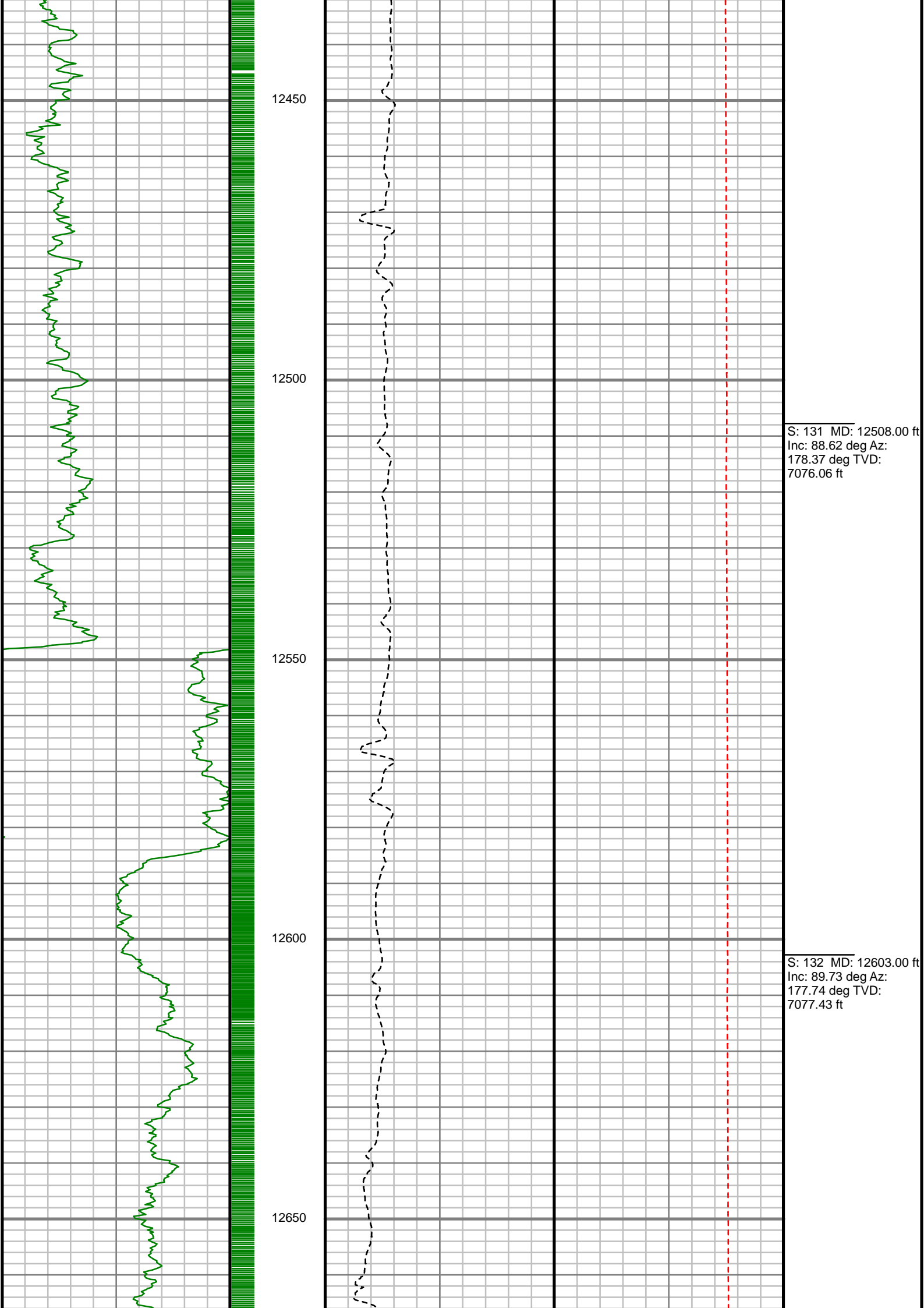
12400



S: 128 MD: 12222.00 ft  
Inc: 87.65 deg Az:  
180.98 deg TVD:  
7062.62 ft

S: 129 MD: 12318.00 ft  
Inc: 86.47 deg Az:  
179.67 deg TVD:  
7067.54 ft

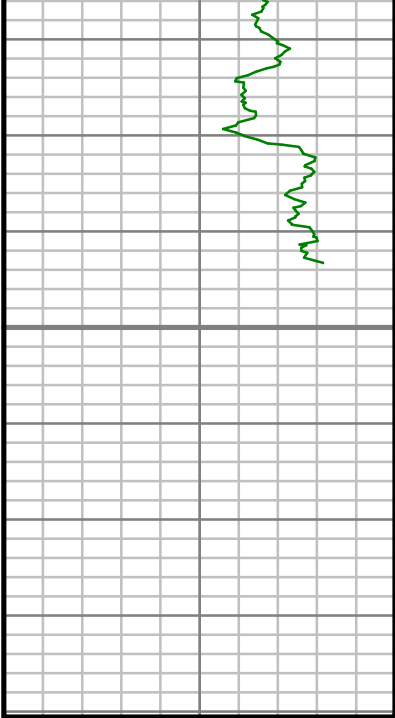
S: 130 MD: 12413.00 ft  
Inc: 87.31 deg Az:  
179.23 deg TVD:  
7072.69 ft



S: 131 MD: 12508.00 ft  
Inc: 88.62 deg Az:  
178.37 deg TVD:  
7076.06 ft

S: 132 MD: 12603.00 ft  
Inc: 89.73 deg Az:  
177.74 deg TVD:  
7077.43 ft

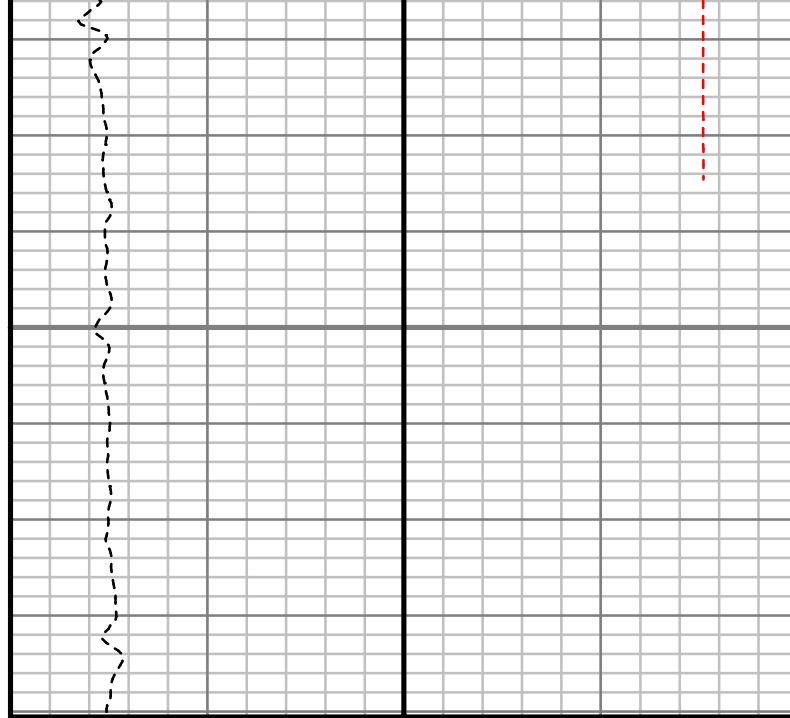




Gamma Ray (GR)		
0	Unit = aapi	150

12700

MEASURED DEPTH  
1,240 (ft)



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

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

Comments
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MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	Invalid
13.00	0.00	0.00	13.00	0.00	0.00	0.00	0.00	13.00
128.00	1.22	307.59	127.99	-0.74	0.75	-0.97	1.06	115.00
218.00	1.47	346.15	217.97	-2.45	2.45	-2.01	1.02	90.00
309.00	2.35	10.19	308.92	-5.42	5.42	-1.96	1.29	91.00
386.00	2.60	25.22	385.85	-8.55	8.56	-0.93	0.90	77.00
476.00	3.55	22.20	475.72	-12.98	12.98	0.99	1.07	90.00
611.00	6.02	30.65	610.24	-22.96	22.94	6.18	1.90	135.00
701.00	7.05	28.74	699.65	-31.87	31.85	11.24	1.17	90.00
837.00	9.40	32.05	834.24	-48.63	48.58	21.15	1.76	136.00
927.00	10.14	28.25	922.94	-61.86	61.79	28.80	1.09	90.00
1017.00	11.06	28.25	1011.40	-76.46	76.37	36.64	1.02	90.00
1107.00	12.49	29.57	1099.51	-92.55	92.44	45.53	1.62	90.00
1197.00	13.52	30.62	1187.20	-110.10	109.96	55.69	1.17	90.00
1287.00	15.05	30.07	1274.41	-129.29	129.13	66.90	1.71	90.00
1377.00	16.48	28.54	1361.02	-150.65	150.46	78.85	1.65	90.00
1467.00	17.28	30.13	1447.15	-173.45	173.23	91.66	1.03	90.00
1557.00	17.72	30.00	1532.98	-196.91	196.65	105.22	0.49	90.00
1647.00	18.08	30.74	1618.62	-220.81	220.52	119.21	0.47	90.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Course Length ft
1737.00	16.60	29.14	1704.53	-244.08	243.75	132.61	1.73	90.00
1827.00	16.38	28.67	1790.83	-266.47	266.12	144.96	0.29	90.00
1978.00	17.37	32.52	1935.33	-304.22	303.81	167.29	0.99	151.00
2074.00	18.85	32.15	2026.57	-329.47	329.02	183.25	1.54	96.00
2168.00	16.99	33.27	2116.01	-353.85	353.36	198.86	2.01	94.00
2263.00	17.32	31.79	2206.78	-377.51	376.98	213.92	0.57	95.00
2358.00	17.43	33.80	2297.45	-401.39	400.83	229.29	0.64	95.00
2452.00	15.66	34.89	2387.55	-423.53	422.94	244.38	1.91	94.00
2548.00	16.58	32.74	2479.78	-445.72	445.09	259.20	1.14	96.00
2643.00	16.97	30.25	2570.73	-469.14	468.47	273.52	0.86	95.00
2738.00	17.63	27.54	2661.44	-493.91	493.21	287.16	1.10	95.00
2833.00	18.64	26.97	2751.72	-520.23	519.50	300.69	1.07	95.00
2928.00	17.51	25.40	2842.03	-546.70	545.93	313.71	1.29	95.00
3023.00	18.60	26.08	2932.35	-573.25	572.45	326.50	1.17	95.00
3118.00	18.16	26.90	3022.50	-600.09	599.26	339.86	0.54	95.00
3213.00	16.62	26.41	3113.16	-625.50	624.64	352.60	1.63	95.00
3308.00	16.82	29.55	3204.14	-649.66	648.77	365.43	0.97	95.00
3404.00	15.61	31.96	3296.32	-672.74	671.81	379.12	1.44	96.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Course Length ft
3499.00	15.60	29.27	3387.82	-694.76	693.80	392.13	0.76	95.00
3594.00	16.24	25.17	3479.18	-717.96	716.97	404.03	1.36	95.00
3689.00	16.46	22.14	3570.34	-742.48	741.46	414.75	0.93	95.00
3784.00	17.80	26.07	3661.12	-768.02	766.98	426.21	1.86	95.00
3880.00	18.14	27.89	3752.44	-794.45	793.37	439.65	0.69	96.00
3975.00	17.45	30.55	3842.89	-819.82	818.71	453.81	1.13	95.00
4070.00	16.86	22.41	3933.68	-844.86	843.72	466.30	2.60	95.00
4165.00	19.80	18.85	4023.85	-872.85	871.69	476.76	3.31	95.00
4260.00	20.85	20.07	4112.93	-903.99	902.80	487.76	1.19	95.00
4355.00	17.98	25.04	4202.53	-933.19	931.97	499.77	3.48	95.00
4450.00	16.41	27.57	4293.28	-958.41	957.16	512.19	1.83	95.00
4545.00	18.53	29.14	4383.89	-983.52	982.24	525.75	2.29	95.00
4640.00	19.03	27.22	4473.84	-1010.52	1009.20	540.19	0.83	95.00
4735.00	17.19	26.39	4564.13	-1036.90	1035.55	553.51	1.95	95.00
4830.00	17.58	29.06	4654.79	-1062.05	1060.66	566.72	0.93	95.00
4925.00	18.88	30.69	4745.02	-1087.84	1086.42	581.53	1.47	95.00
5021.00	18.79	32.73	4835.88	-1114.24	1112.78	597.81	0.69	96.00
5116.00	17.98	34.58	4926.04	-1139.22	1137.72	614.41	1.05	95.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft
5211.00	16.63	34.08	5016.73	-1162.59	1161.05	630.34	1.43	95.00
5305.00	15.85	35.30	5106.98	-1184.24	1182.67	645.30	0.91	94.00
5401.00	14.76	29.54	5199.58	-1205.61	1204.01	658.90	1.95	96.00
5495.00	15.77	21.91	5290.28	-1227.91	1226.28	669.57	2.39	94.00
5590.00	15.67	22.56	5381.72	-1251.76	1250.10	679.31	0.21	95.00
5685.00	12.10	23.05	5473.93	-1272.80	1271.12	688.14	3.76	95.00
5780.00	8.99	21.21	5567.31	-1288.90	1287.21	694.72	3.30	95.00
5875.00	7.70	23.99	5661.31	-1301.65	1299.94	700.00	1.42	95.00
5970.00	6.44	19.75	5755.58	-1312.49	1310.78	704.39	1.44	95.00
6065.00	4.55	10.01	5850.14	-1321.22	1319.50	706.84	2.21	95.00
6158.00	3.46	1.92	5942.92	-1327.66	1325.94	707.58	1.32	93.00
6251.00	2.70	356.22	6035.78	-1332.64	1330.92	707.53	0.88	93.00
6347.00	2.18	349.53	6131.70	-1336.69	1334.97	707.04	0.61	96.00
6441.00	0.57	198.03	6225.68	-1338.01	1336.28	706.57	2.87	94.00
6535.00	4.21	185.32	6319.58	-1334.12	1332.40	706.11	3.88	94.00
6630.00	10.06	176.47	6413.81	-1322.36	1320.64	706.30	6.25	95.00
6725.00	15.55	175.51	6506.41	-1301.38	1299.65	707.80	5.79	95.00
6820.00	22.51	182.19	6596.17	-1270.47	1268.75	708.11	7.66	95.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft
6914.00	28.99	178.13	6680.80	-1229.68	1227.96	708.16	7.14	94.00
7008.00	35.73	177.94	6760.16	-1179.44	1177.71	709.89	7.17	94.00
7103.00	45.64	182.31	6832.13	-1117.62	1115.89	709.52	10.85	95.00
7198.00	55.00	181.03	6892.72	-1044.62	1042.89	707.44	9.91	95.00
7293.00	62.83	179.69	6941.73	-963.32	961.60	706.97	8.33	95.00
7387.00	72.37	179.76	6977.50	-876.52	874.79	707.38	10.14	94.00
7482.00	79.39	181.27	7000.66	-784.45	782.72	706.54	7.55	95.00
7576.00	86.74	183.36	7012.00	-691.27	689.56	702.76	8.12	94.00
7671.00	87.38	183.52	7016.87	-596.55	594.85	697.07	0.70	95.00
7766.00	87.92	182.68	7020.77	-501.76	500.07	691.93	1.05	95.00
7860.00	89.56	182.01	7022.84	-407.86	406.18	688.08	1.89	94.00
7954.00	90.03	182.07	7023.17	-313.91	312.24	684.73	0.50	94.00
8048.00	90.10	182.29	7023.06	-219.97	218.31	681.15	0.25	94.00
8143.00	89.90	182.99	7023.06	-125.06	123.41	676.77	0.76	95.00
8238.00	90.00	183.18	7023.14	-30.19	28.55	671.66	0.23	95.00
8333.00	89.90	180.20	7023.22	64.77	-66.40	668.85	3.14	95.00
8428.00	89.80	180.14	7023.47	159.77	-161.40	668.57	0.12	95.00
8522.00	90.57	179.97	7023.17	253.76	-255.40	668.47	0.84	94.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft
8618.00	90.87	179.46	7021.96	349.75	-351.39	668.95	0.62	96.00
8712.00	90.07	179.24	7021.19	443.74	-445.38	670.01	0.89	94.00
8807.00	90.57	178.77	7020.66	538.72	-540.36	671.65	0.73	95.00
8902.00	88.69	180.38	7021.28	633.71	-635.35	672.36	2.60	95.00
8997.00	88.66	180.42	7023.47	728.68	-730.32	671.69	0.06	95.00
9092.00	89.70	180.48	7024.84	823.67	-825.31	670.94	1.10	95.00
9187.00	91.44	180.63	7023.89	918.66	-920.30	670.01	1.84	95.00
9377.00	88.12	179.37	7024.62	1108.62	-1110.26	670.00	1.87	190.00
9472.00	89.23	179.20	7026.81	1203.59	-1205.23	671.19	1.18	95.00
9566.00	90.84	179.39	7026.76	1297.57	-1299.22	672.35	1.72	94.00
9661.00	89.83	179.14	7026.20	1392.56	-1394.21	673.57	1.09	95.00
9757.00	89.93	178.43	7026.40	1488.53	-1490.19	675.61	0.75	96.00
9850.00	88.56	178.27	7027.62	1581.48	-1583.14	678.29	1.49	93.00
9945.00	88.42	177.75	7030.13	1676.38	-1678.05	681.59	0.56	95.00
10041.00	89.06	177.40	7032.23	1772.26	-1773.94	685.65	0.76	96.00
10136.00	89.16	176.08	7033.71	1867.08	-1868.77	691.05	1.40	95.00
10230.00	87.82	177.97	7036.19	1960.90	-1962.60	695.92	2.47	94.00
10326.00	86.48	178.97	7040.97	2056.73	-2058.45	698.48	1.74	96.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft
10421.00	86.10	178.09	7047.11	2151.50	-2153.22	700.91	1.00	95.00
10516.00	87.41	178.85	7052.48	2246.30	-2248.03	703.44	1.59	95.00
10611.00	87.38	178.05	7056.80	2341.16	-2342.89	706.00	0.84	95.00
10705.00	88.19	179.01	7060.43	2435.05	-2436.79	708.41	1.33	94.00
10800.00	90.20	179.66	7061.77	2530.03	-2531.77	709.51	2.23	95.00
10895.00	92.18	180.03	7059.79	2625.00	-2626.74	709.77	2.12	95.00
10989.00	89.13	179.95	7058.72	2718.98	-2720.73	709.80	3.25	94.00
11084.00	88.99	178.80	7060.27	2813.96	-2815.71	710.83	1.21	95.00
11179.00	89.56	178.94	7061.47	2908.93	-2910.68	712.70	0.62	95.00
11273.00	88.02	176.38	7063.45	3002.81	-3004.57	716.53	3.18	94.00
11368.00	88.36	177.54	7066.46	3097.62	-3099.39	721.56	1.27	95.00
11464.00	90.03	179.36	7067.80	3193.56	-3195.34	724.15	2.58	96.00
11558.00	90.74	178.58	7067.17	3287.53	-3289.32	725.84	1.12	94.00
11653.00	90.37	179.77	7066.25	3382.52	-3384.30	727.21	1.30	95.00
11748.00	90.54	179.59	7065.50	3477.51	-3479.30	727.74	0.26	95.00
11843.00	90.67	181.55	7064.50	3572.50	-3574.28	726.80	2.07	95.00
11938.00	91.24	181.73	7062.91	3667.45	-3669.23	724.08	0.63	95.00
12032.00	90.57	182.46	7061.42	3761.38	-3763.15	720.65	1.06	94.00





GAMMA RAY

5" = 100' FEET MD