

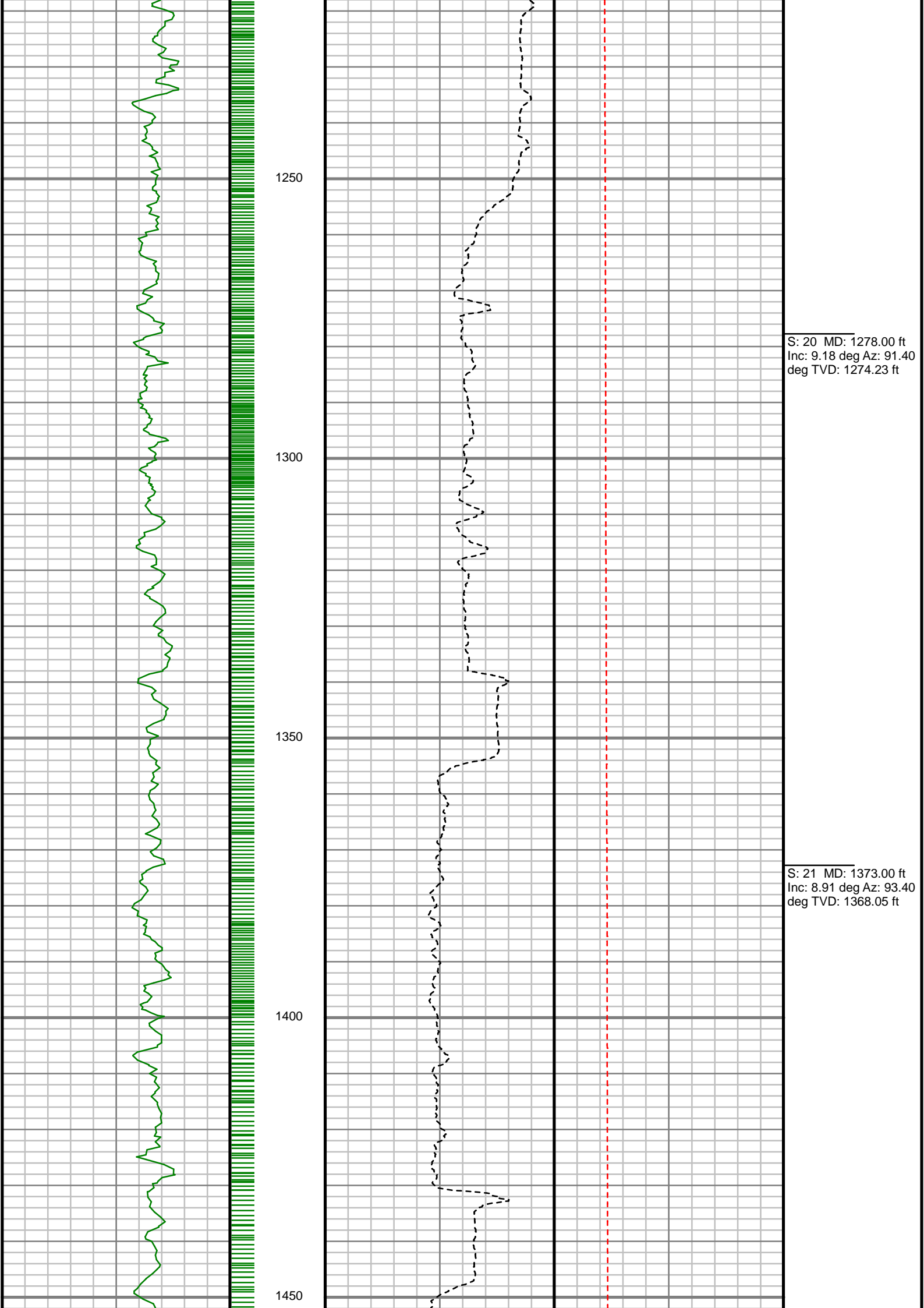
5" = 100' FEET MD

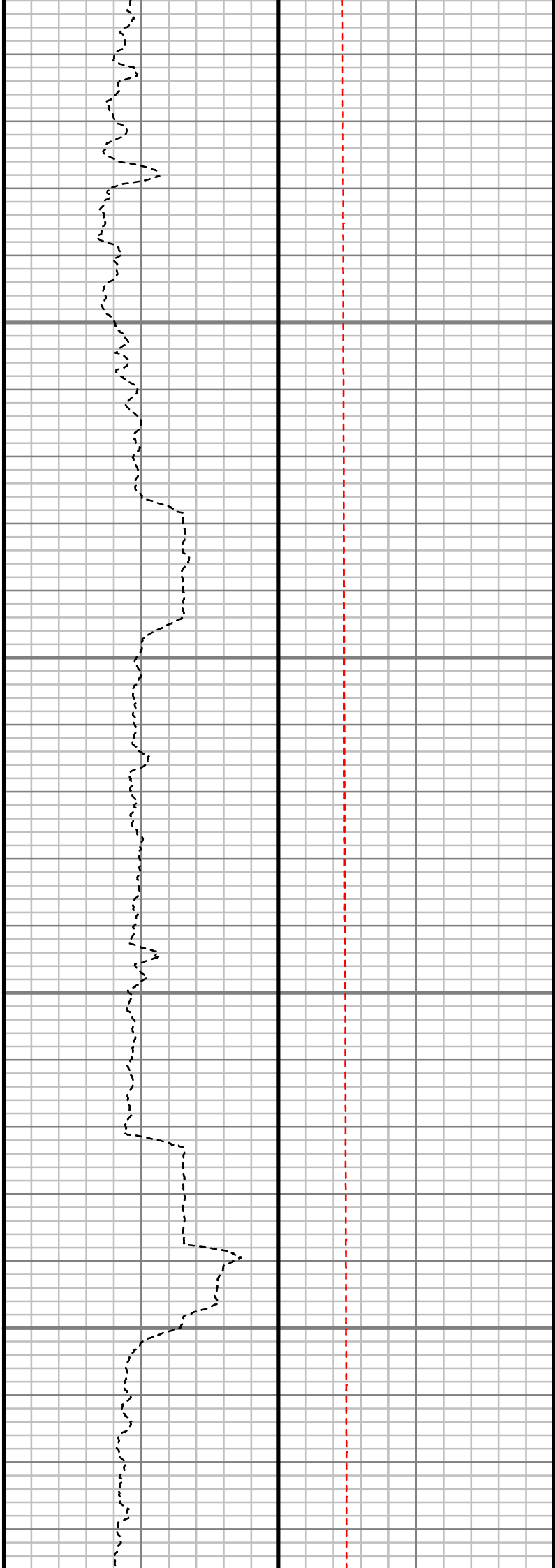
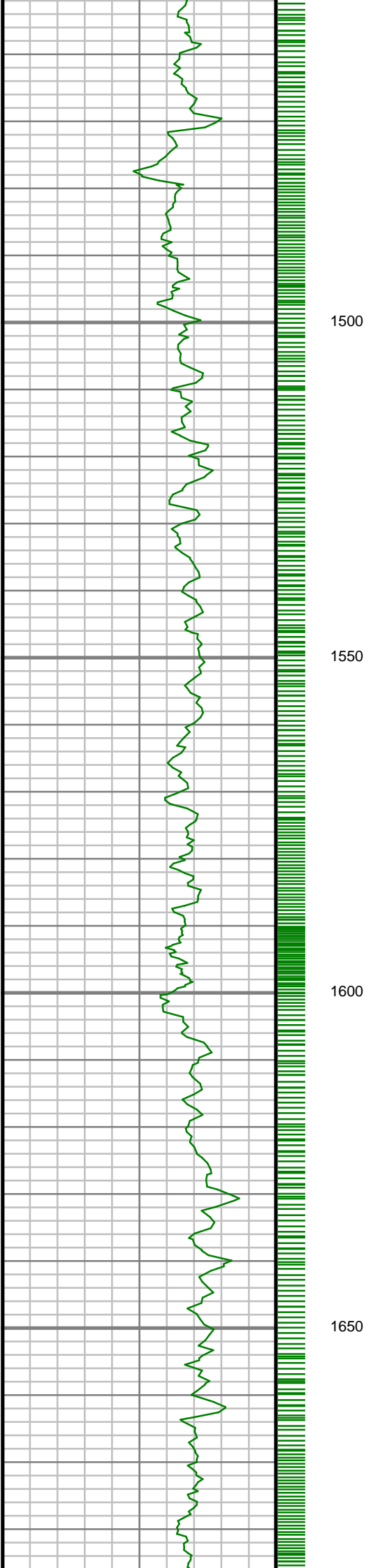
COMPANY : ANADARKO E&P ONSHORE LLC WELL : CHEESE STATE 26C-21HZ FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-40947										COMPANY : ANADARKO E&P ONSHORE LLC WELL : CHEESE STATE 26C-21HZ FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-40947									
WELL LOCATION LAT:40°12'9.040"N LONG:104°39'43.456"W N:14600656.82 ft E:1734773.93 ft SEC:28 TWP:3N RANGE:65W										OTHER SERVICES									
DEPTH REF. : RKB REF. HEIGHT : 25.000 ft GROUND LEVEL : 4817.000 ft										DIRECTIONAL ROP 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														
8.5	1200	12581	0 - 11	0	4017														
			11 - 0	4017	6380														
			0 - 89	6380	7703														
			89 - 92	7703	12581														
CASING RECORD																			
CASING SIZE in	FROM ft	TO ft																	
9.625	0	1189																	

Remarks
ANADARKO E&P ONSHORE LLC PRODUCTION AFE# 2102243
SCIENTIFIC DRILLING INTERNATIONAL JOB# 286229
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 = 128-265 / CONT = 132 / MWD EYE = 625 / GAMMA RAY = 1062
BIT TO SENSOR OFFSETS: SURVEY = 57.09 FT. / GAMMA RAY = 47.83 FT.
RUN #2: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 128-392 / CONT = 625 / MWD EYE = 0041 / GAMMA RAY = 1297
BIT TO SENSOR OFFSETS: SURVEY = 57.05 FT. / GAMMA RAY = 47.79 FT.
RUN #3: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 128-392 / CONT = 625 / MWD EYE = 0041 / GAMMA RAY = 1297
BIT TO SENSOR OFFSETS: SURVEY = 57.05 FT. / GAMMA RAY = 47.79 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.

ANADARKO E&P ONSHORE LLC CHEESE STATE 26C-21HZ WATTENBERG FIELD WELD COUNTY, COLORADO 05-125-40947			
<p>Gamma Ray (GR)</p> <p>Unit = aapi</p>	<p>MEASURED DEPTH 1:240 (ft)</p>	<p>Rate of Penetration (ROP)</p> <p>Unit = ft/hr</p>	<p>Tool Temperature (T-TEMP)</p> <p>Unit = °F</p>
<p>0 150</p>	<p>1200</p>	<p>1000 0</p>	<p>50 300</p>
<p>S: 19 MD: 1155.00 ft Inc: 8.50 deg Az: 90.50 deg TVD: 1152.69 ft</p>			

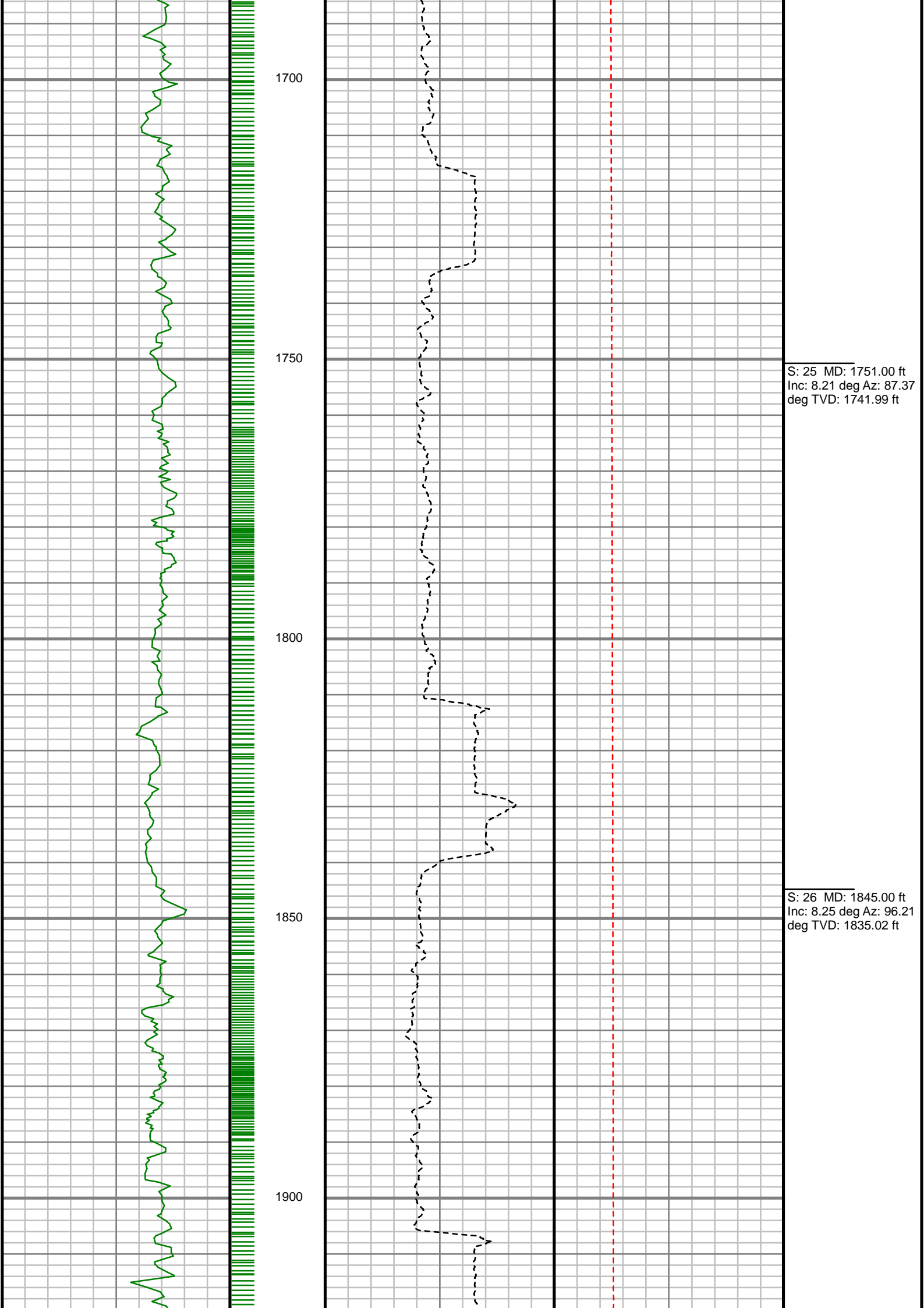


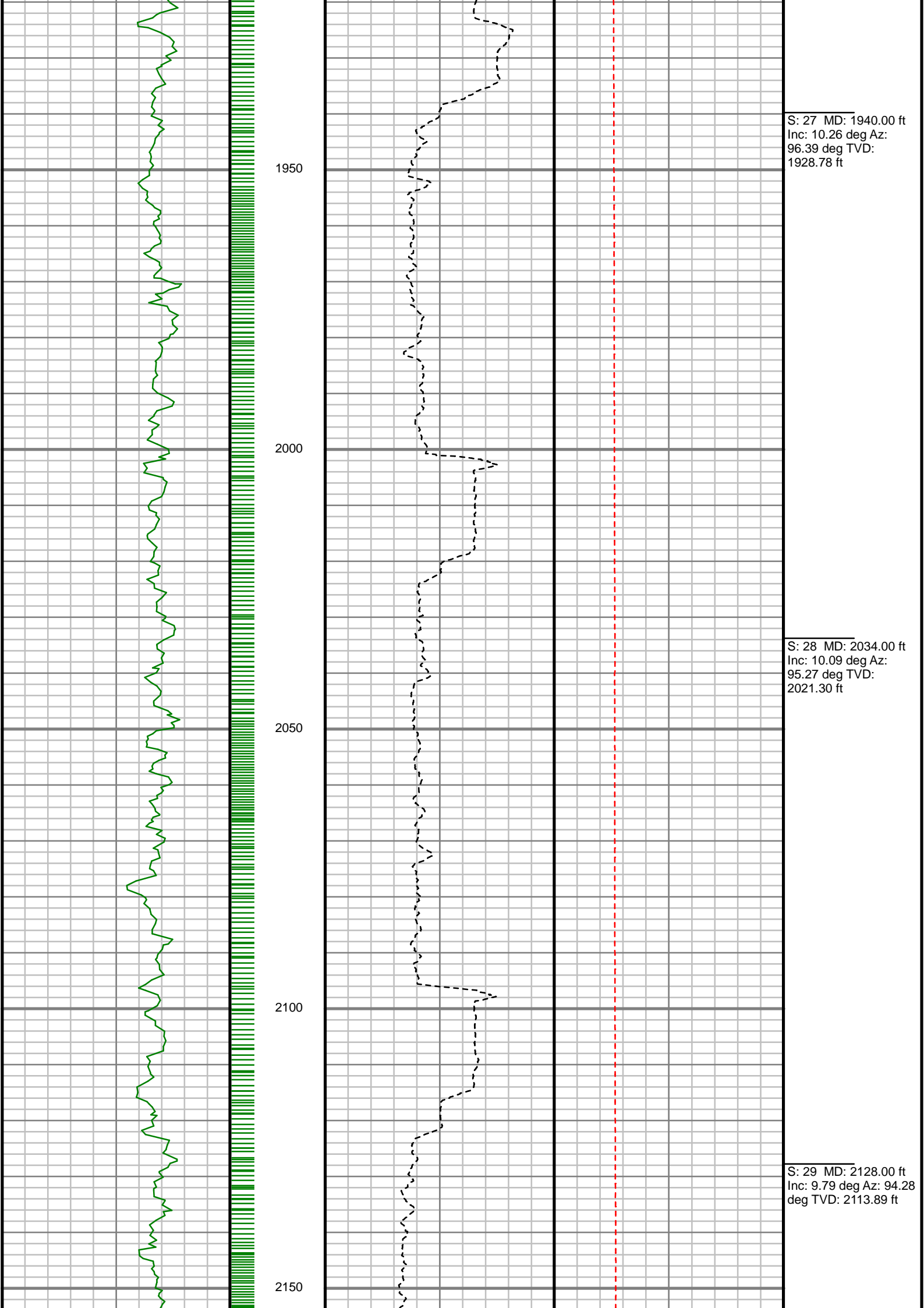


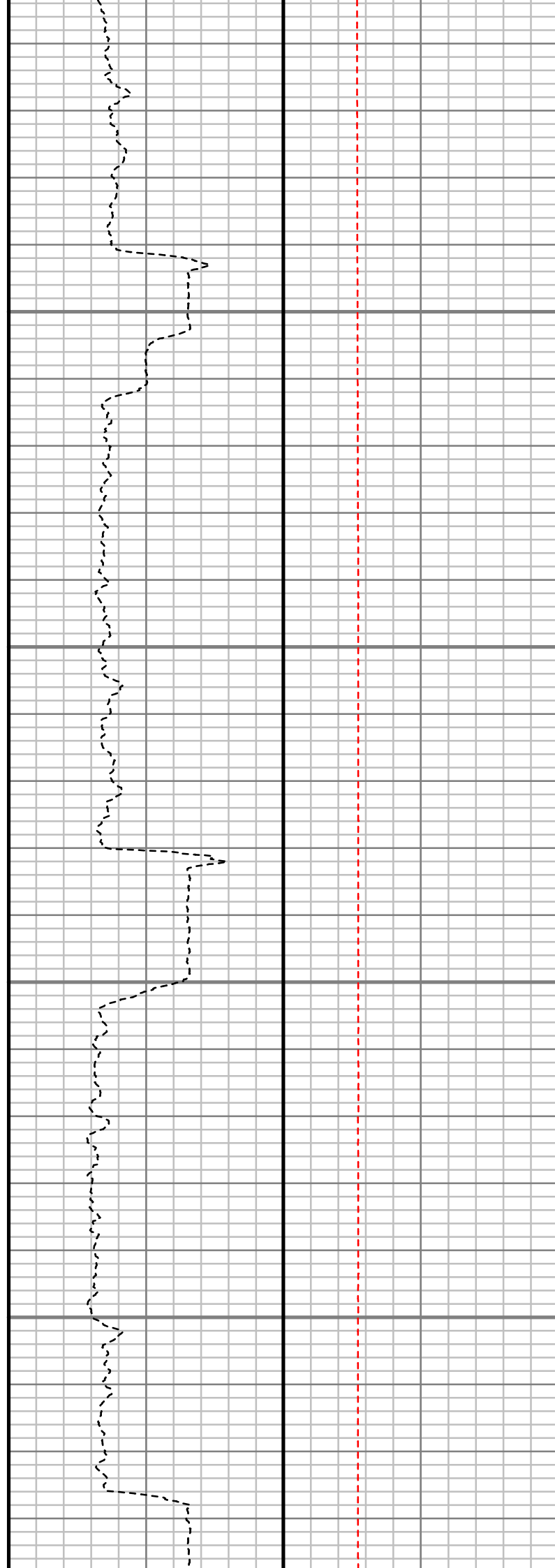
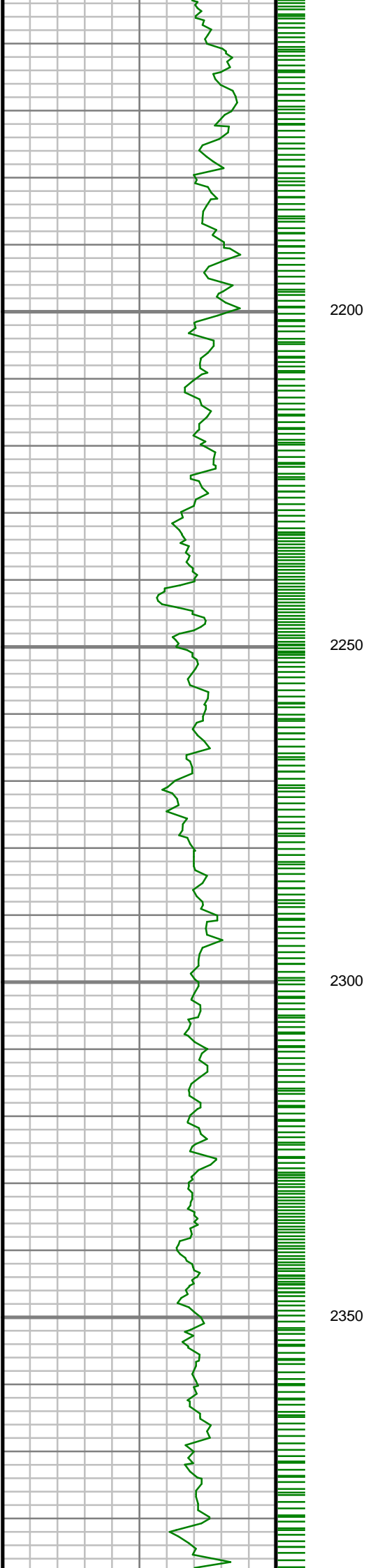
S: 22 MD: 1467.00 ft
Inc: 8.08 deg Az: 93.03
deg TVD: 1461.02 ft

S: 23 MD: 1562.00 ft
Inc: 7.68 deg Az: 93.10
deg TVD: 1555.12 ft

S: 24 MD: 1656.00 ft
Inc: 9.28 deg Az: 91.21
deg TVD: 1648.09 ft

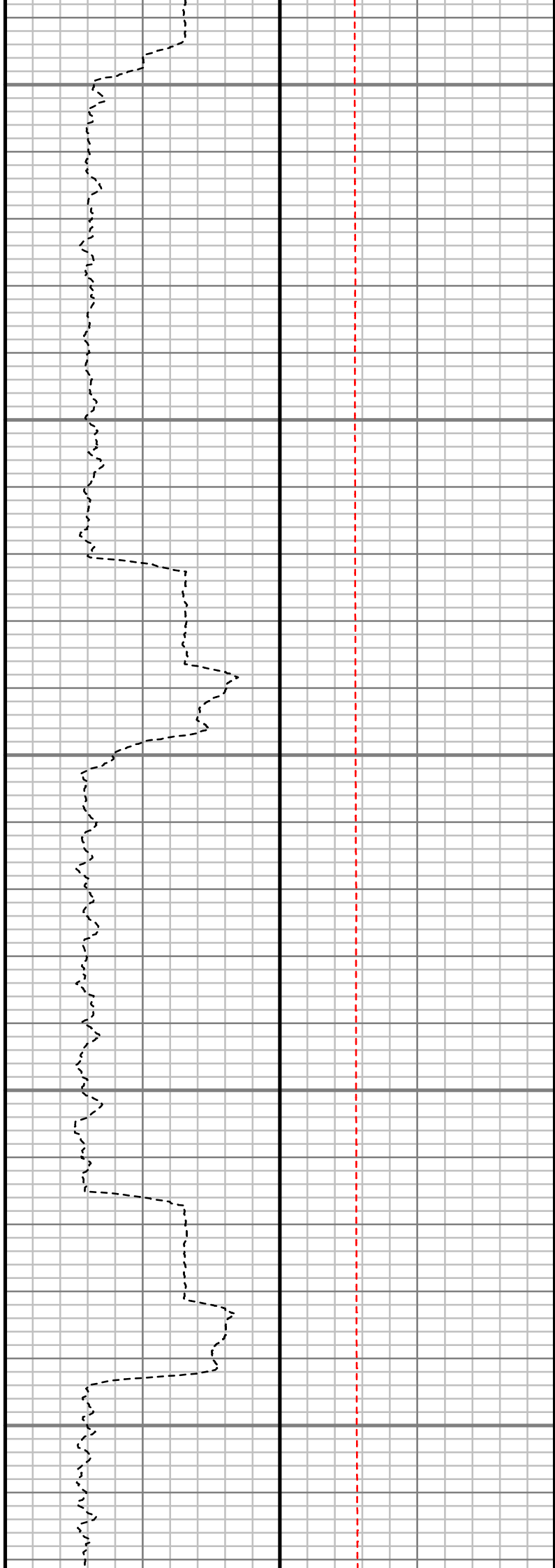
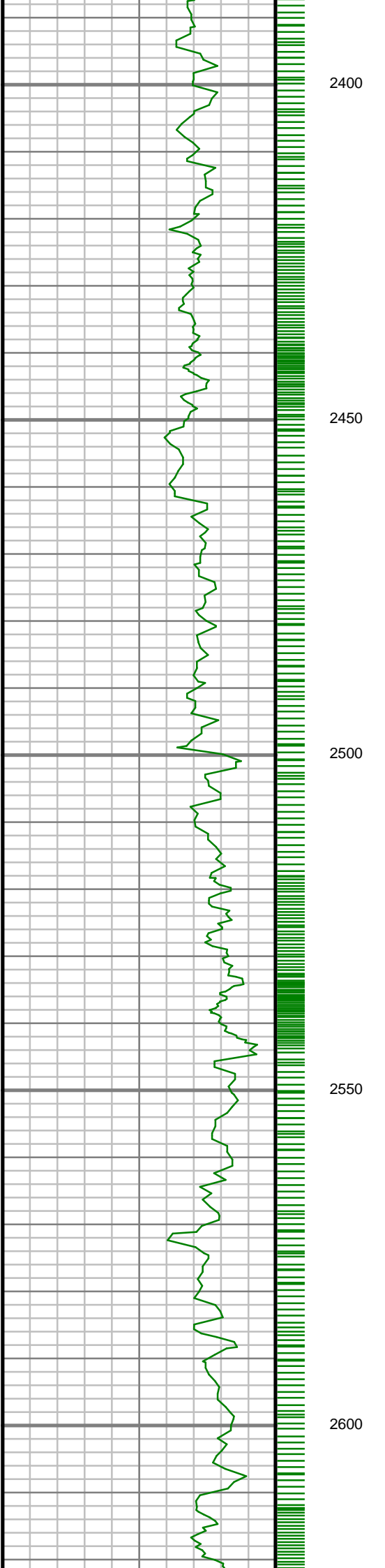






S: 30 MD: 2222.00 ft
Inc: 9.01 deg Az: 93.82
deg TVD: 2206.63 ft

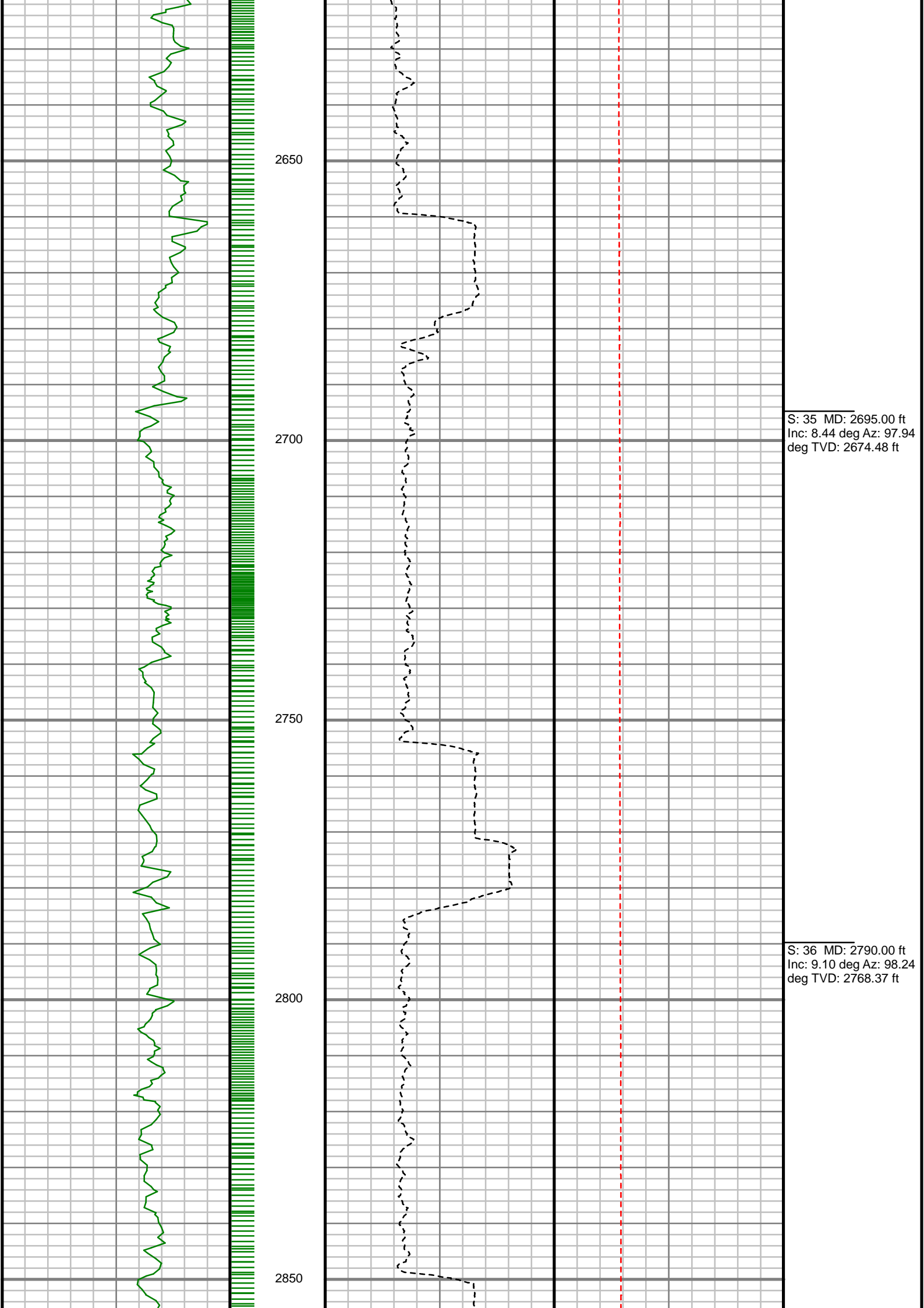
S: 31 MD: 2317.00 ft
Inc: 8.63 deg Az: 92.76
deg TVD: 2300.50 ft

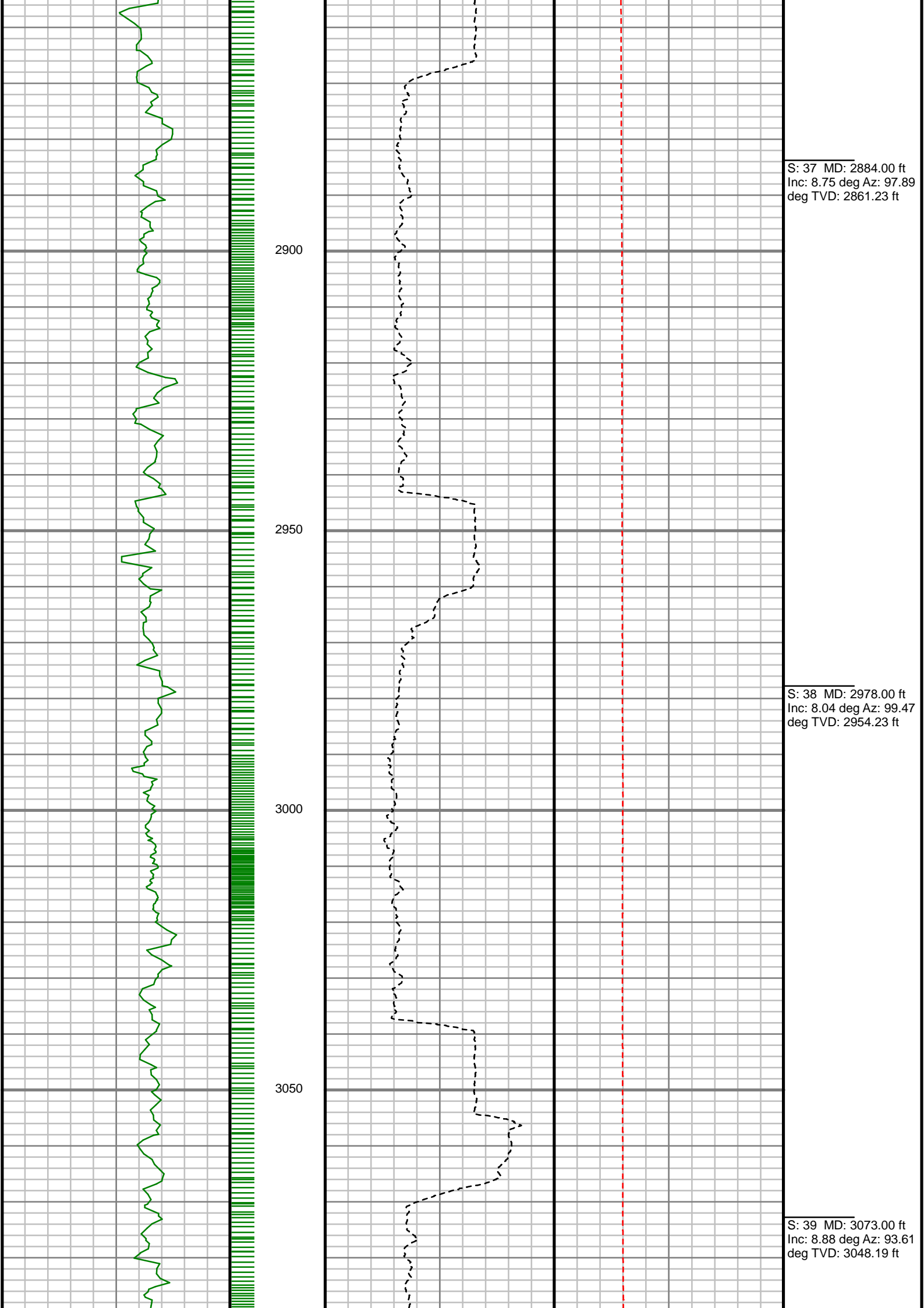


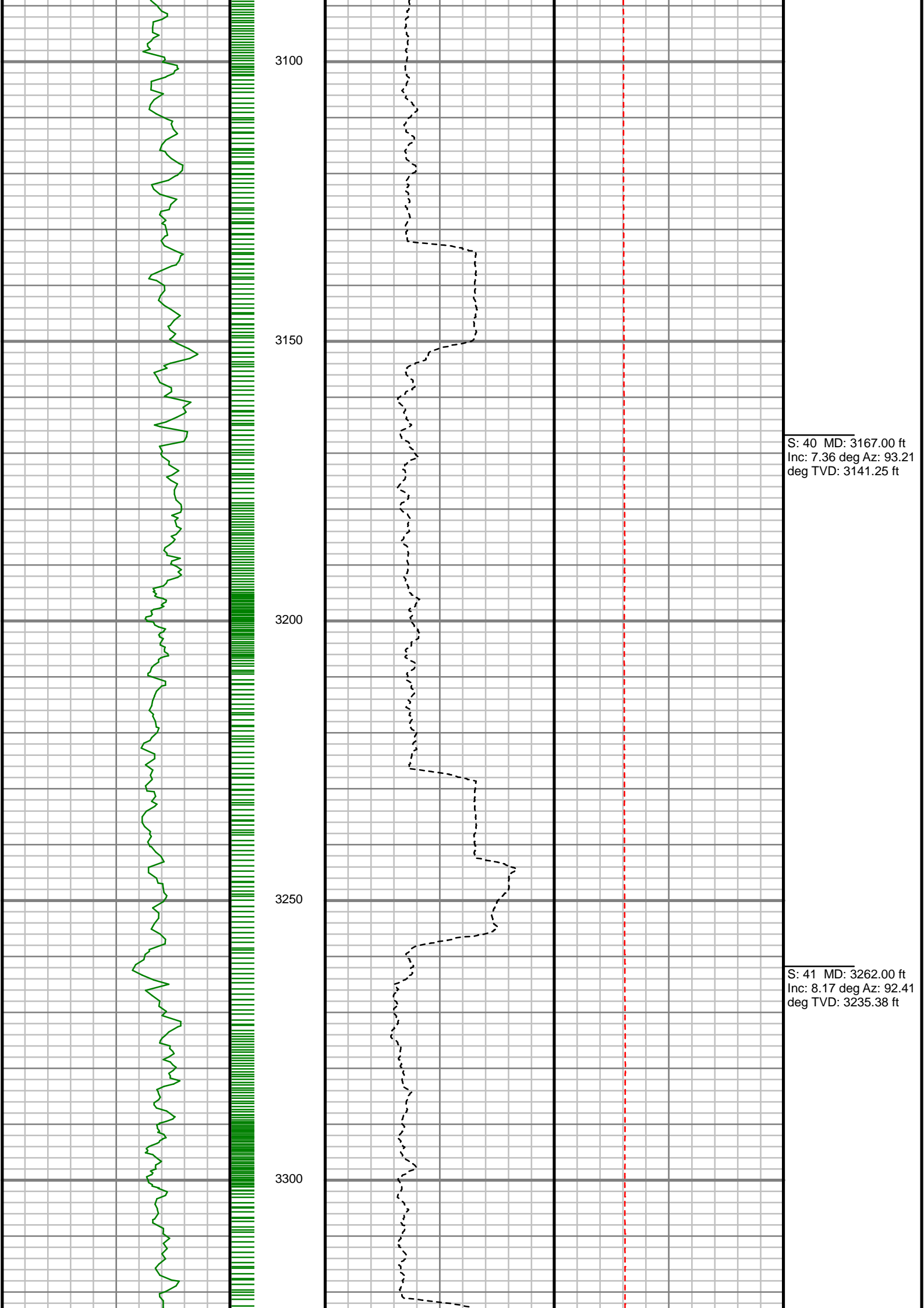
S: 32 MD: 2411.00 ft
Inc: 7.54 deg Az: 94.38
deg TVD: 2393.57 ft

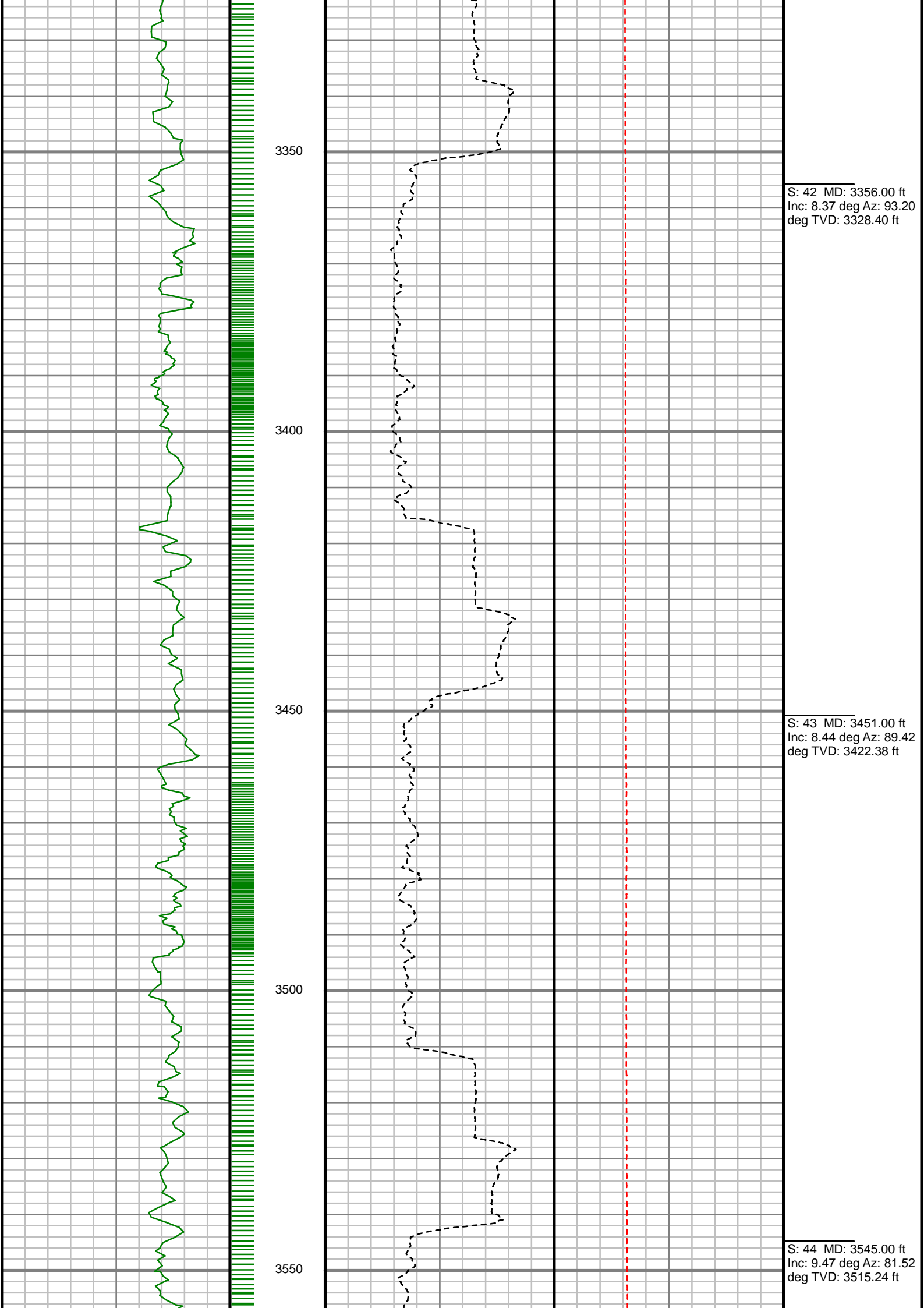
S: 33 MD: 2506.00 ft
Inc: 8.16 deg Az:
100.12 deg TVD:
2487.68 ft

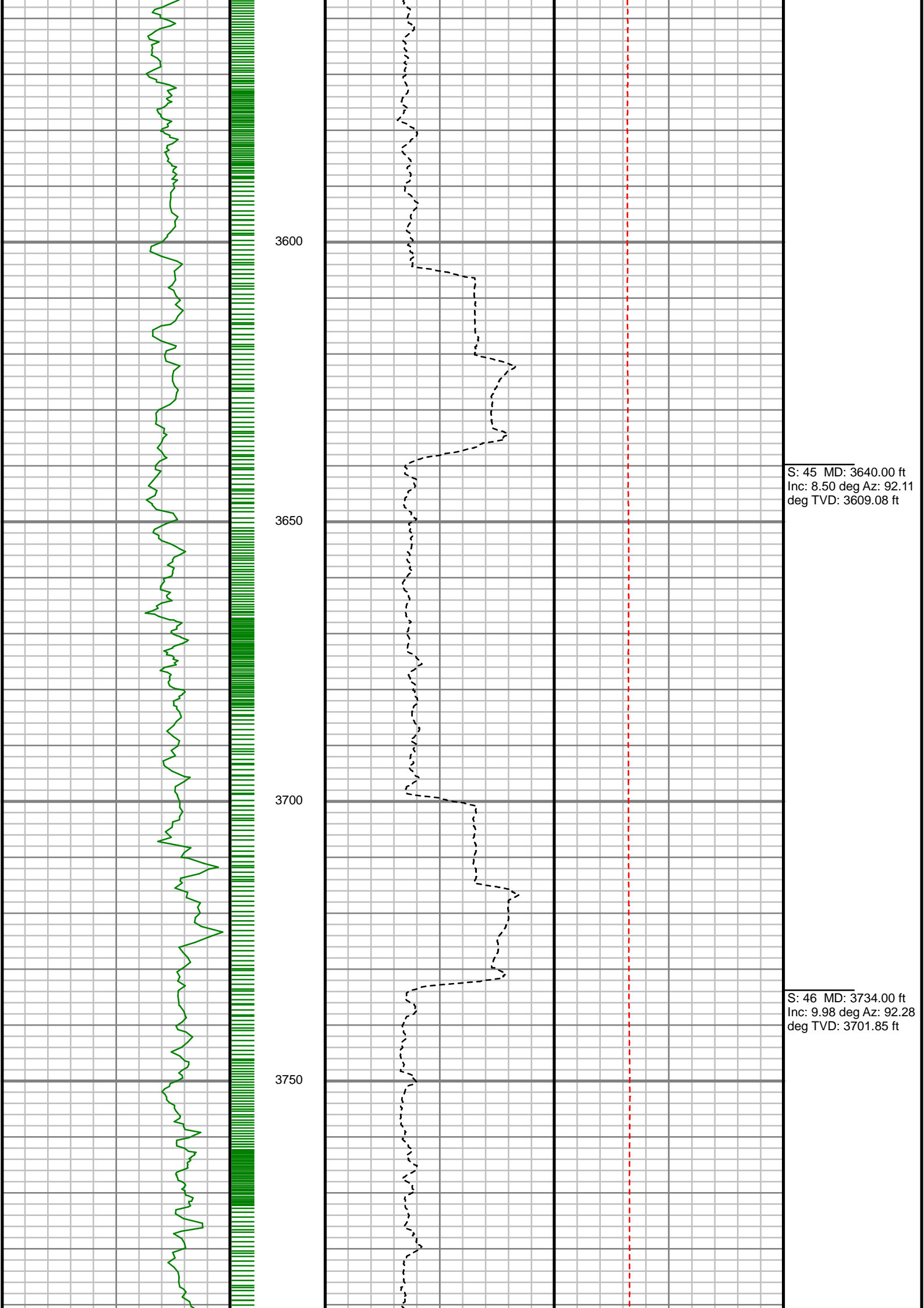
S: 34 MD: 2601.00 ft
Inc: 9.17 deg Az: 97.38
deg TVD: 2581.59 ft

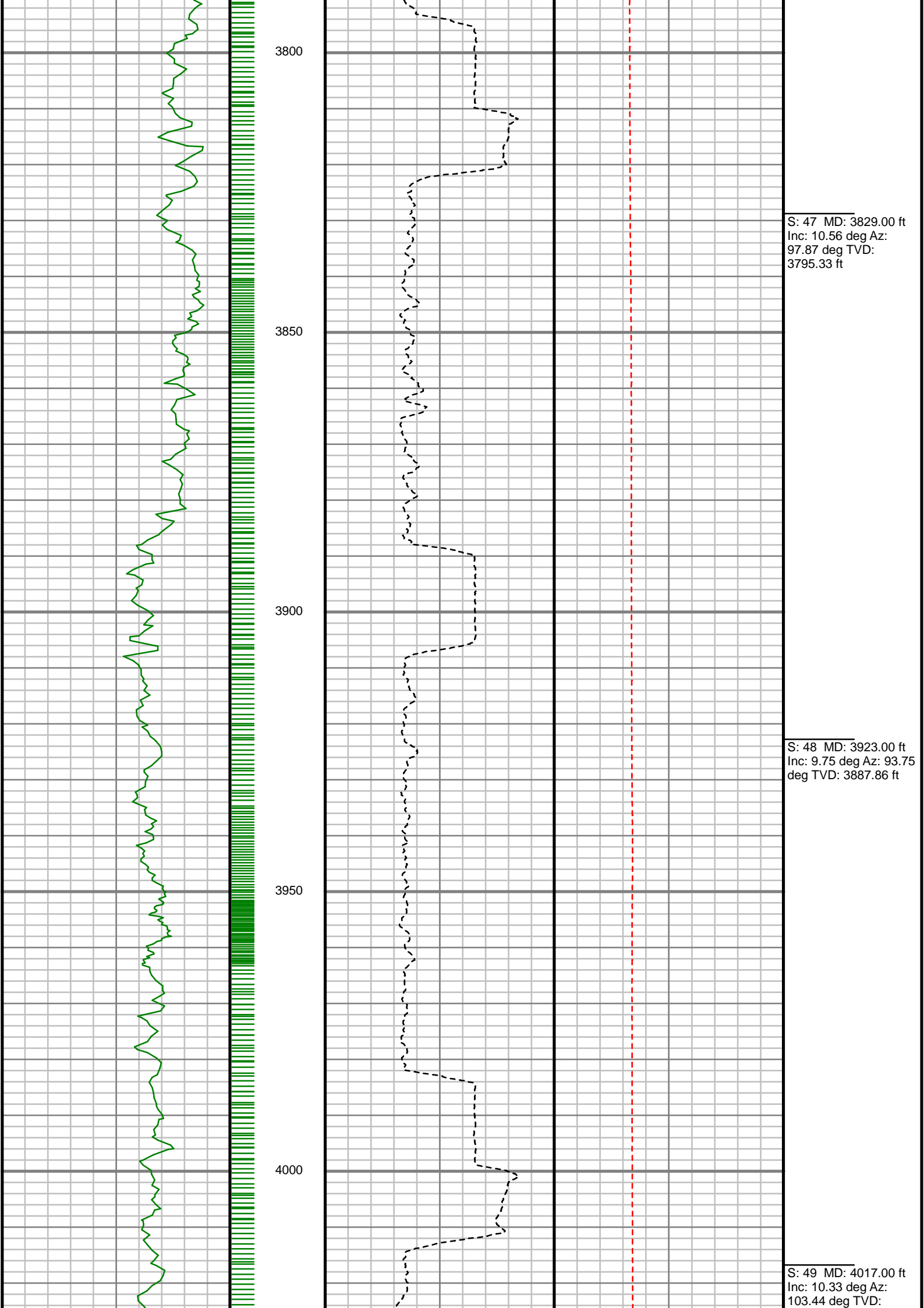


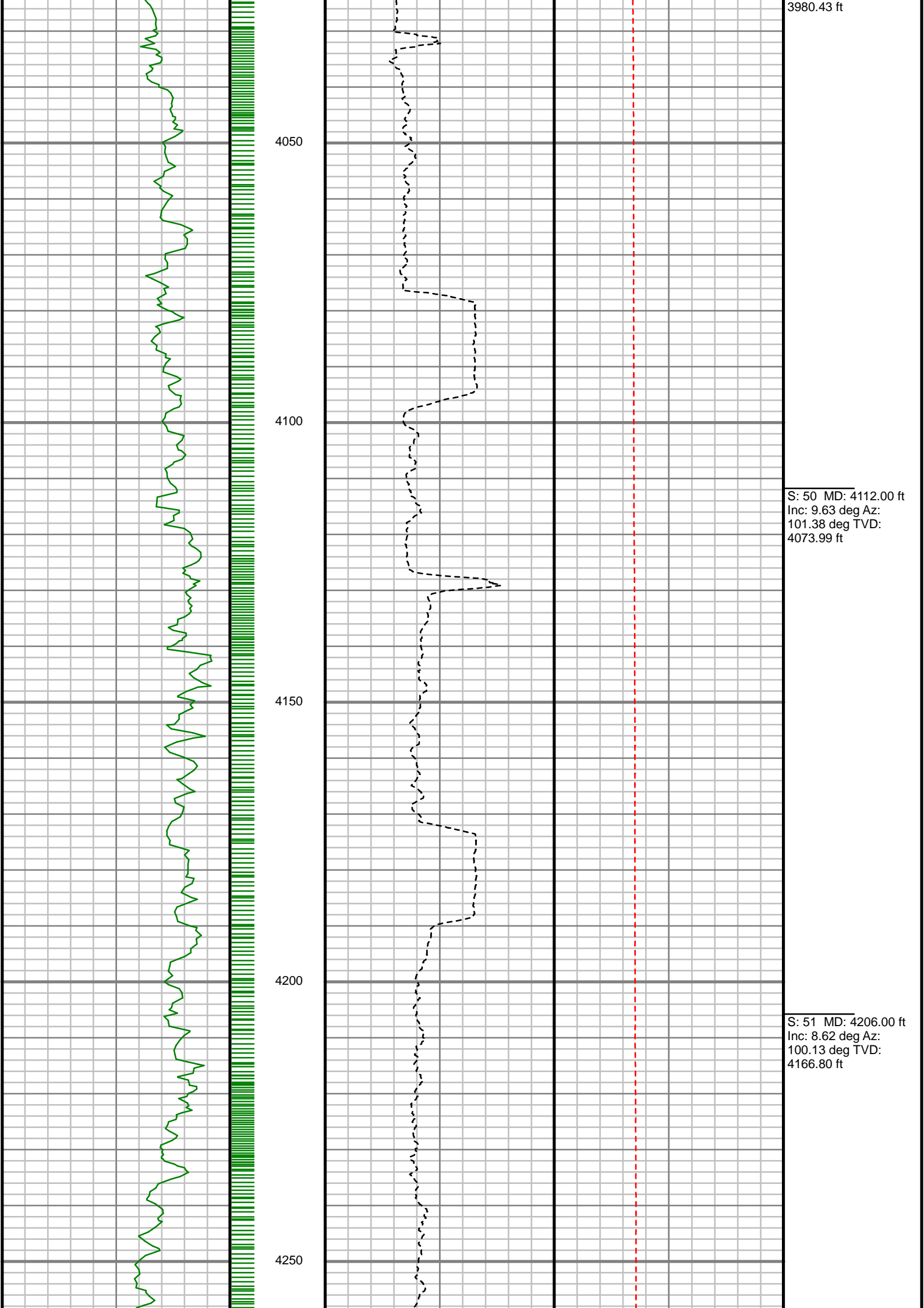


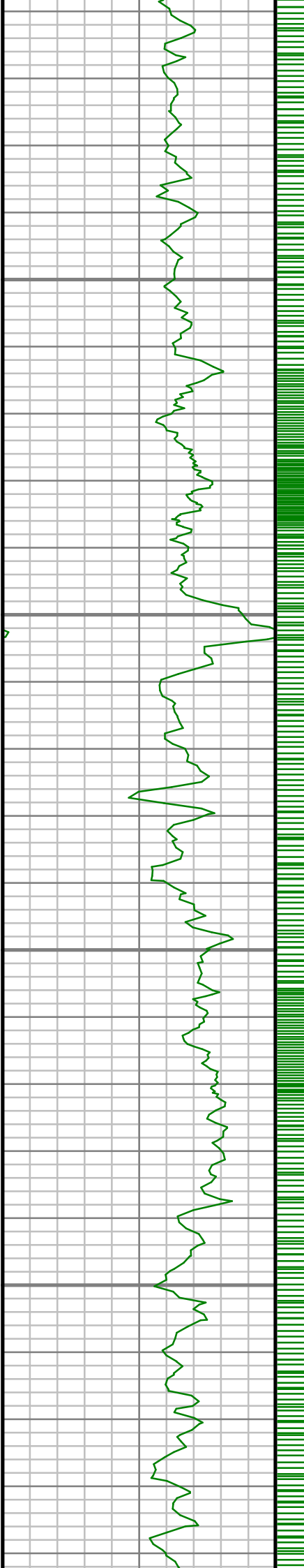










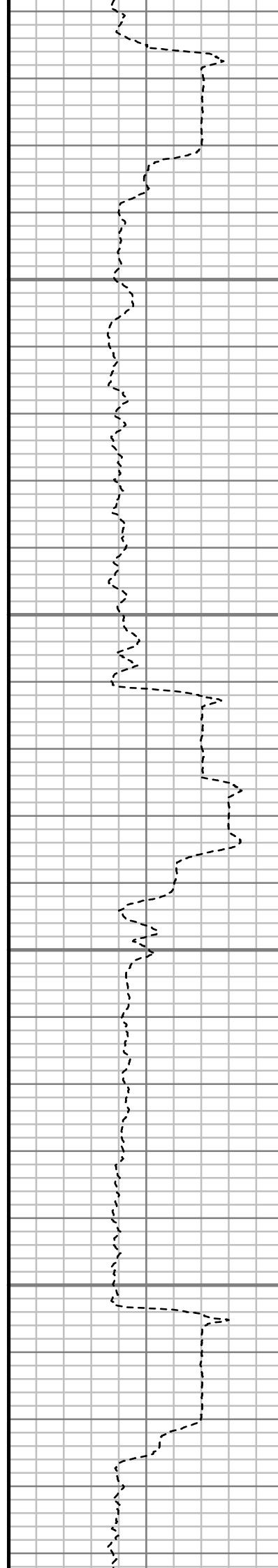


4300

4350

4400

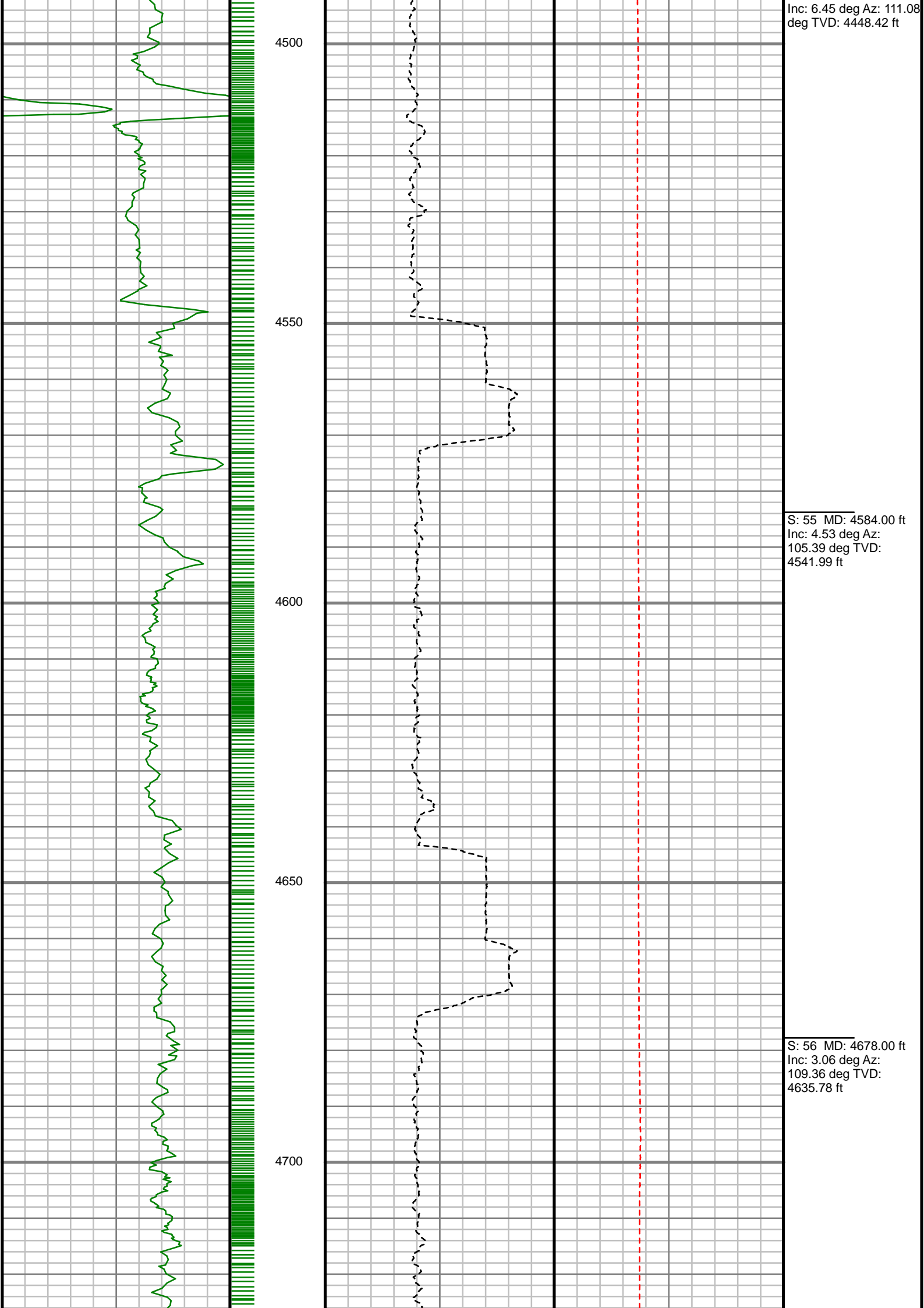
4450



S: 52 MD: 4301.00 ft
Inc: 8.26 deg Az:
101.87 deg TVD:
4260.77 ft

S: 53 MD: 4395.00 ft
Inc: 6.28 deg Az:
107.90 deg TVD:
4354.01 ft

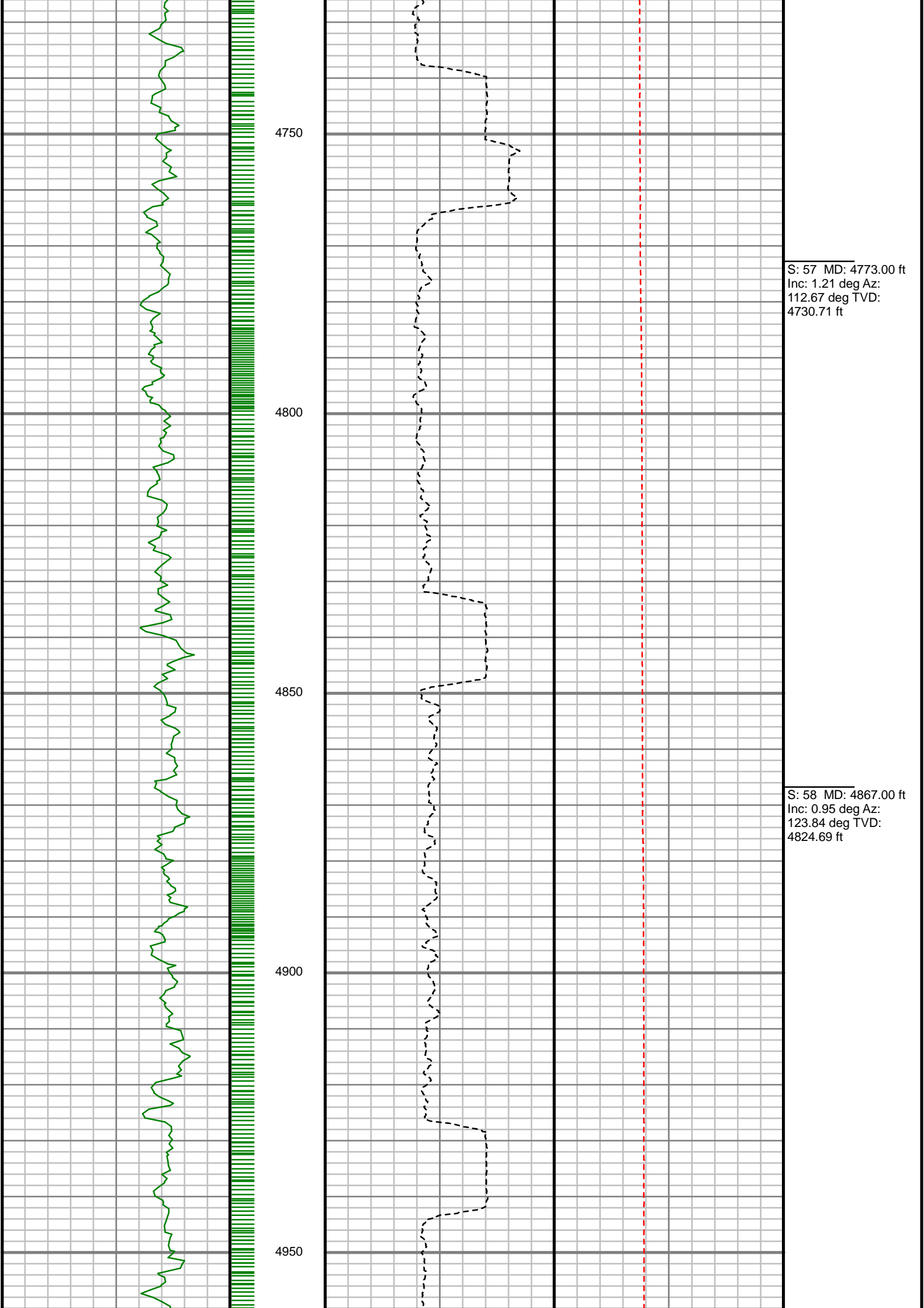
S: 54 MD: 4490.00 ft

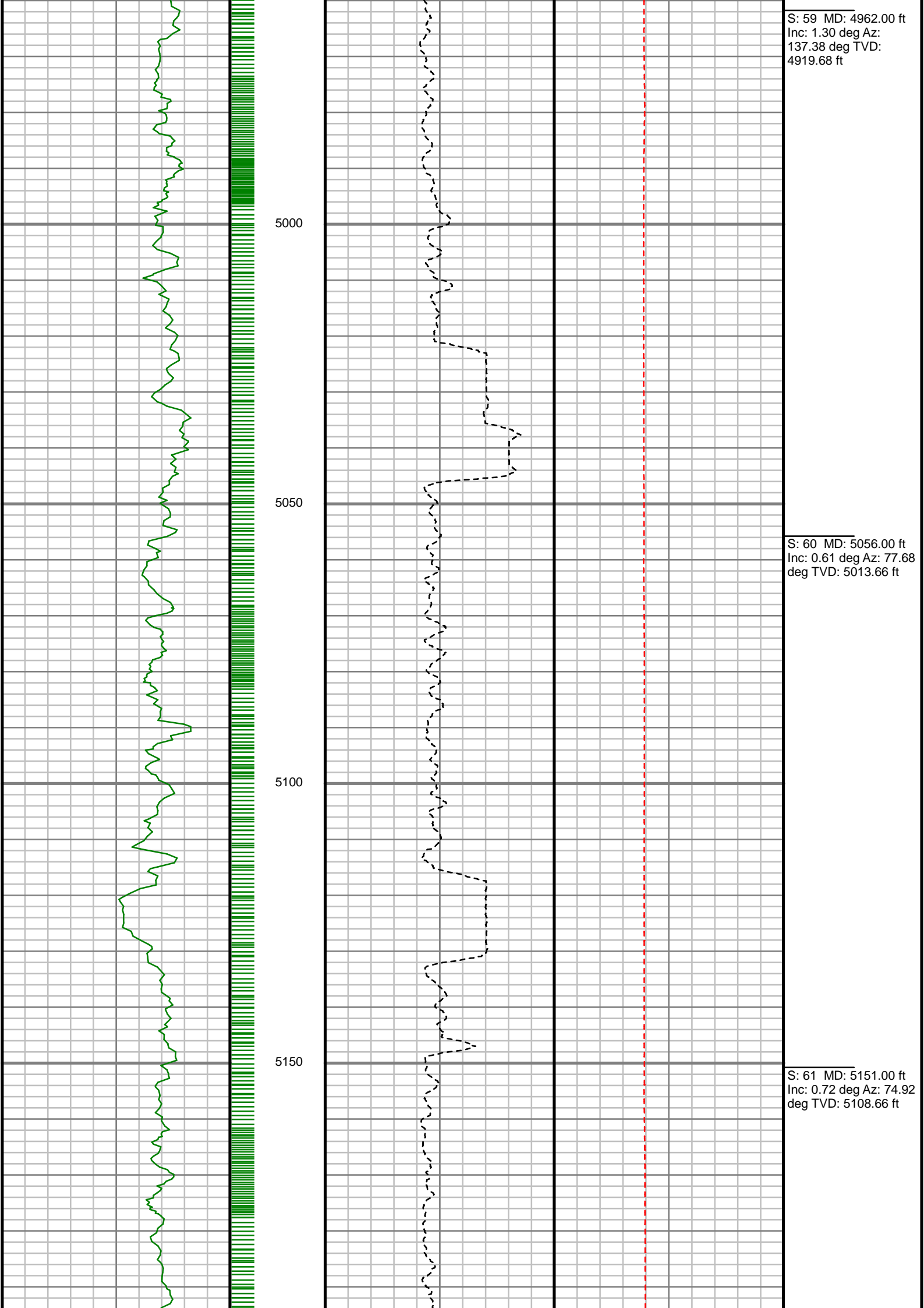


Inc: 6.45 deg Az: 111.08
deg TVD: 4448.42 ft

S: 55 MD: 4584.00 ft
Inc: 4.53 deg Az:
105.39 deg TVD:
4541.99 ft

S: 56 MD: 4678.00 ft
Inc: 3.06 deg Az:
109.36 deg TVD:
4635.78 ft

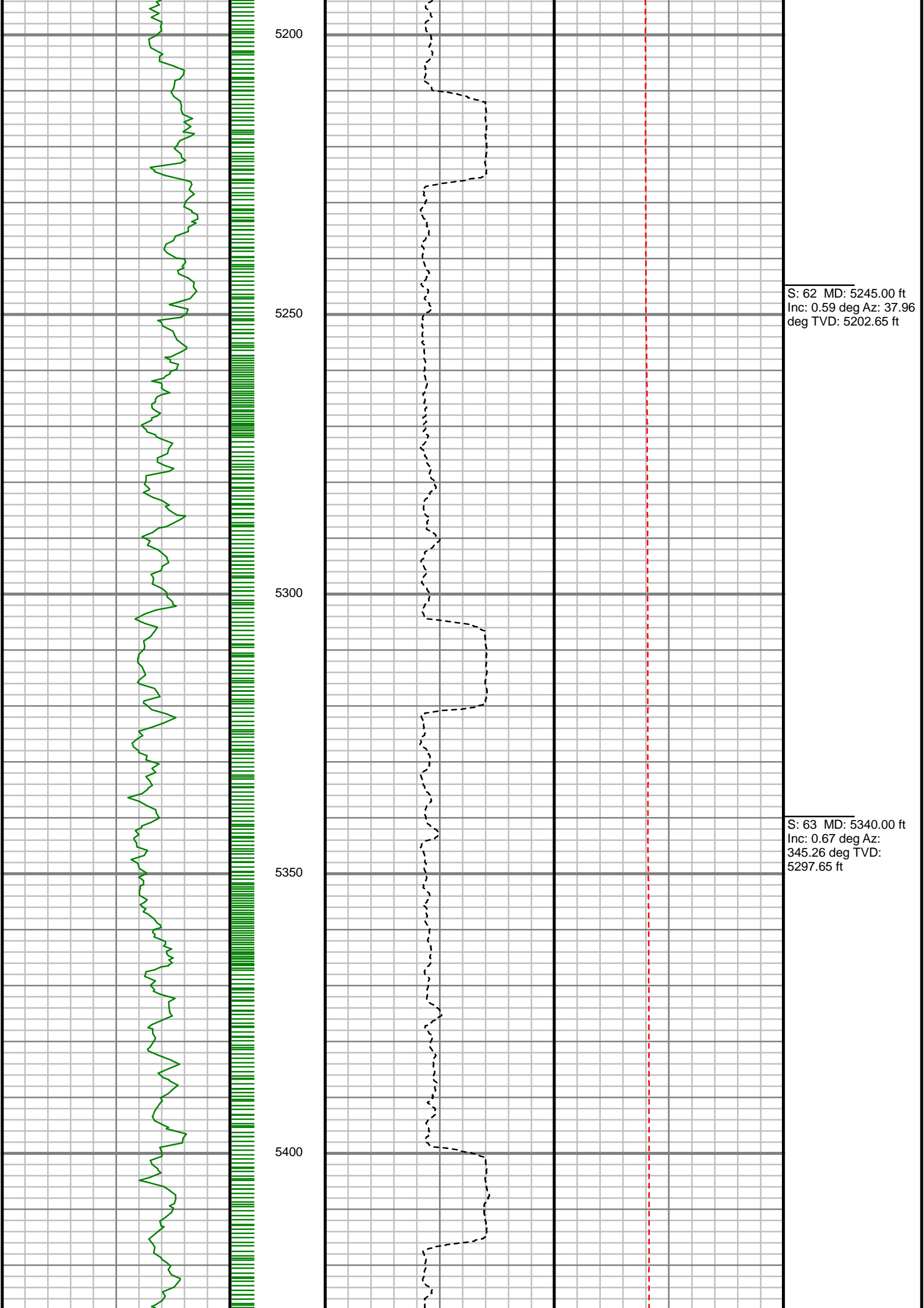


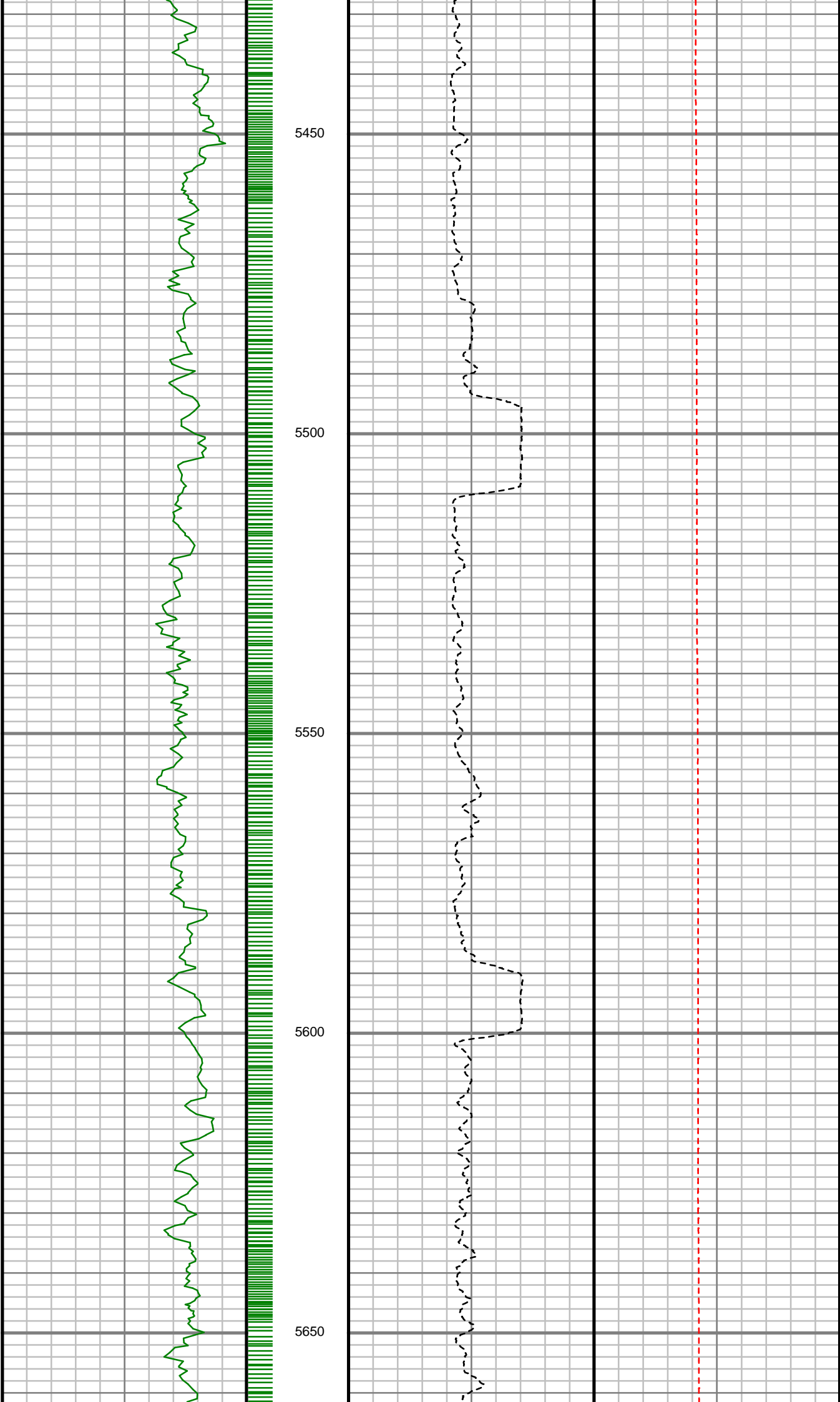


S: 59 MD: 4962.00 ft
Inc: 1.30 deg Az: 137.38 deg TVD: 4919.68 ft

S: 60 MD: 5056.00 ft
Inc: 0.61 deg Az: 77.68 deg TVD: 5013.66 ft

S: 61 MD: 5151.00 ft
Inc: 0.72 deg Az: 74.92 deg TVD: 5108.66 ft

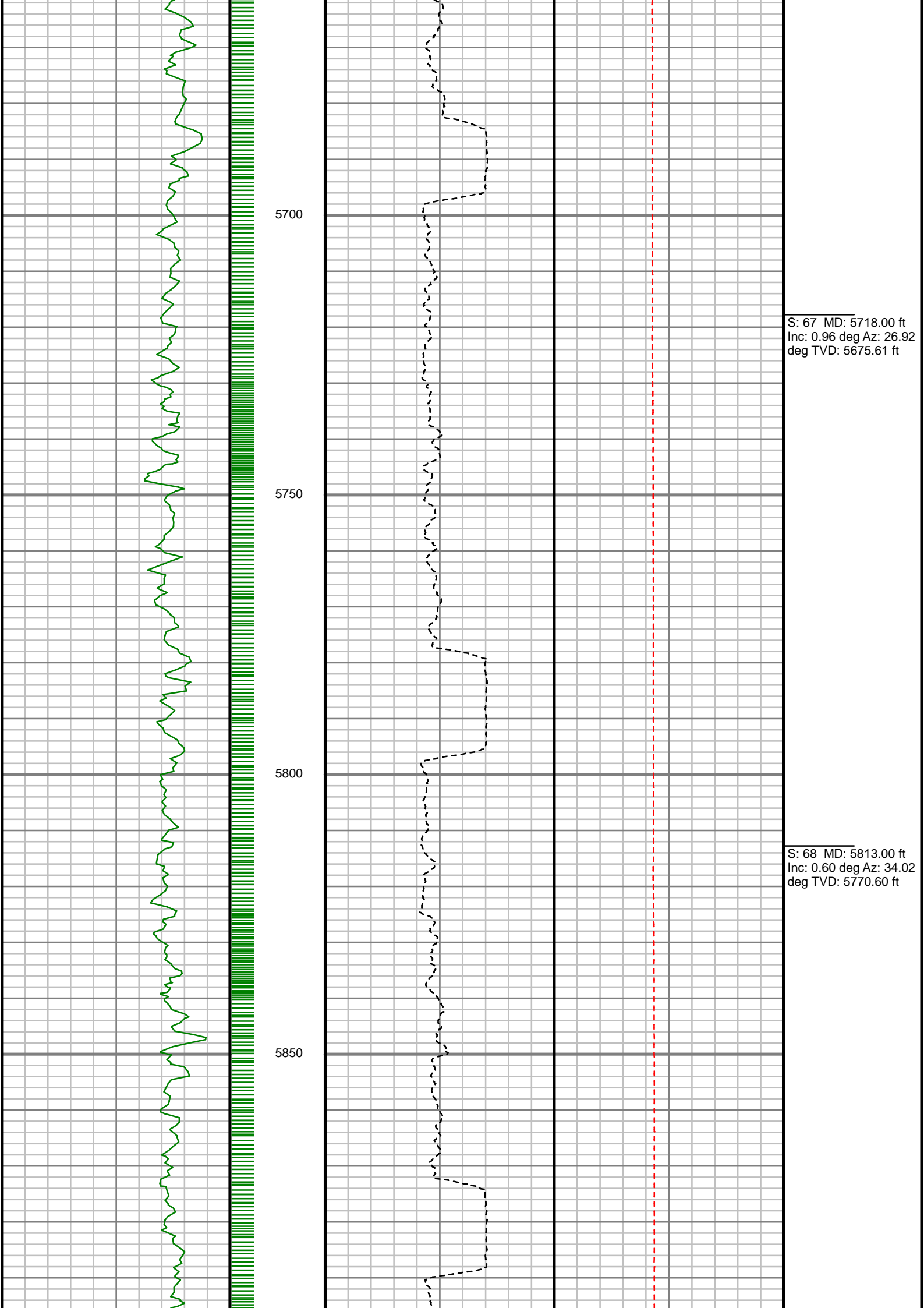


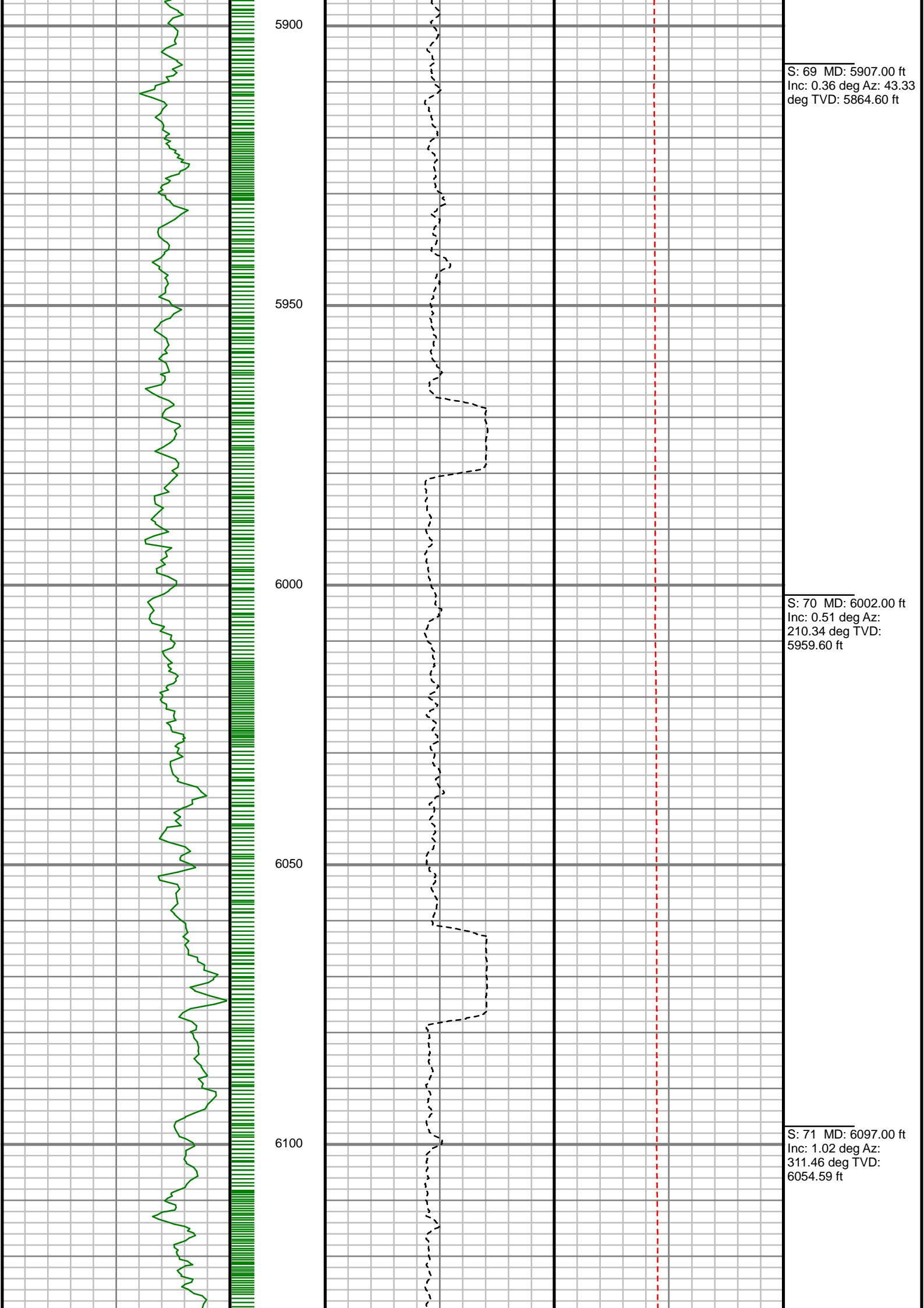


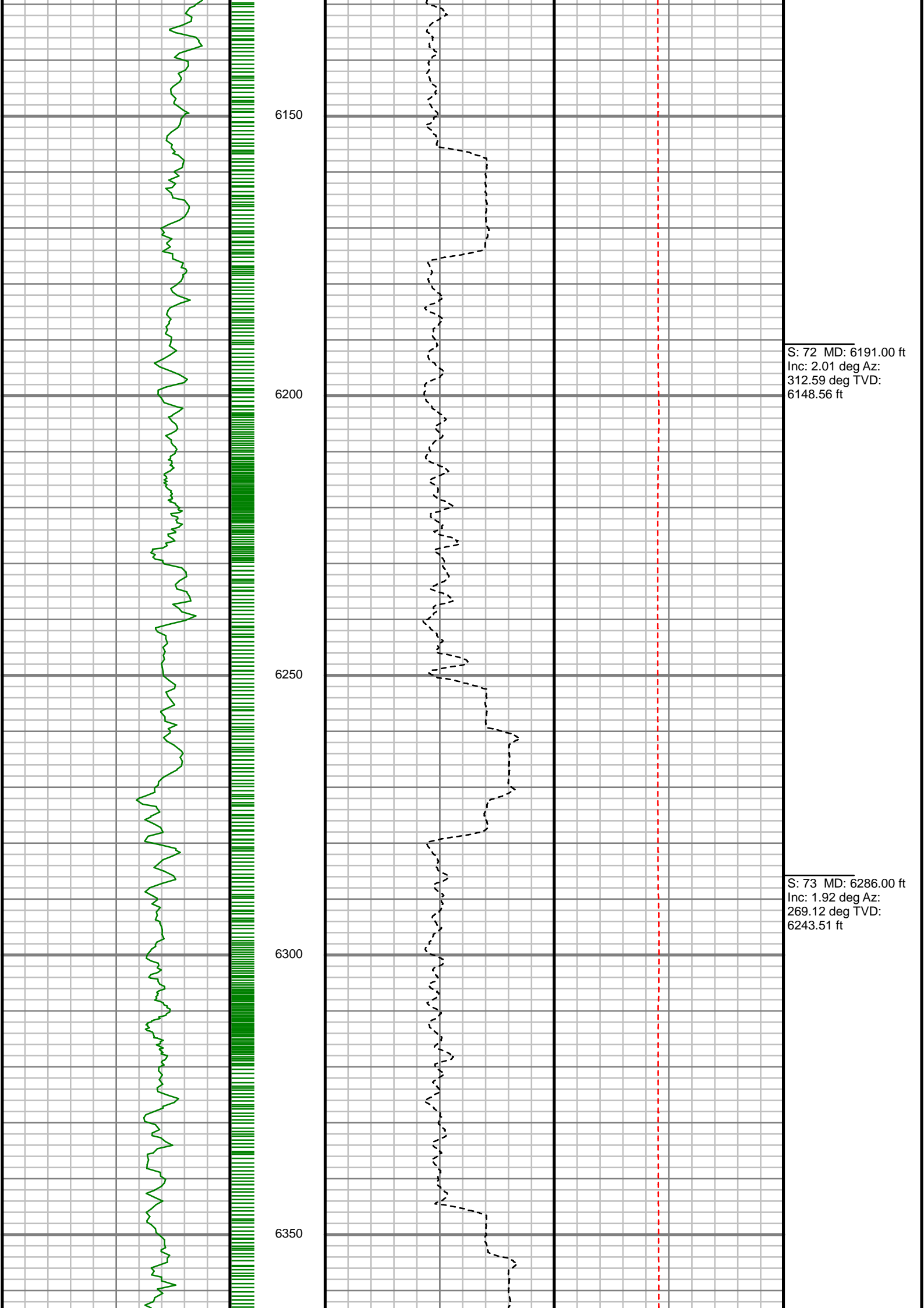
S: 64 MD: 5434.00 ft
Inc: 0.85 deg Az:
345.40 deg TVD:
5391.64 ft

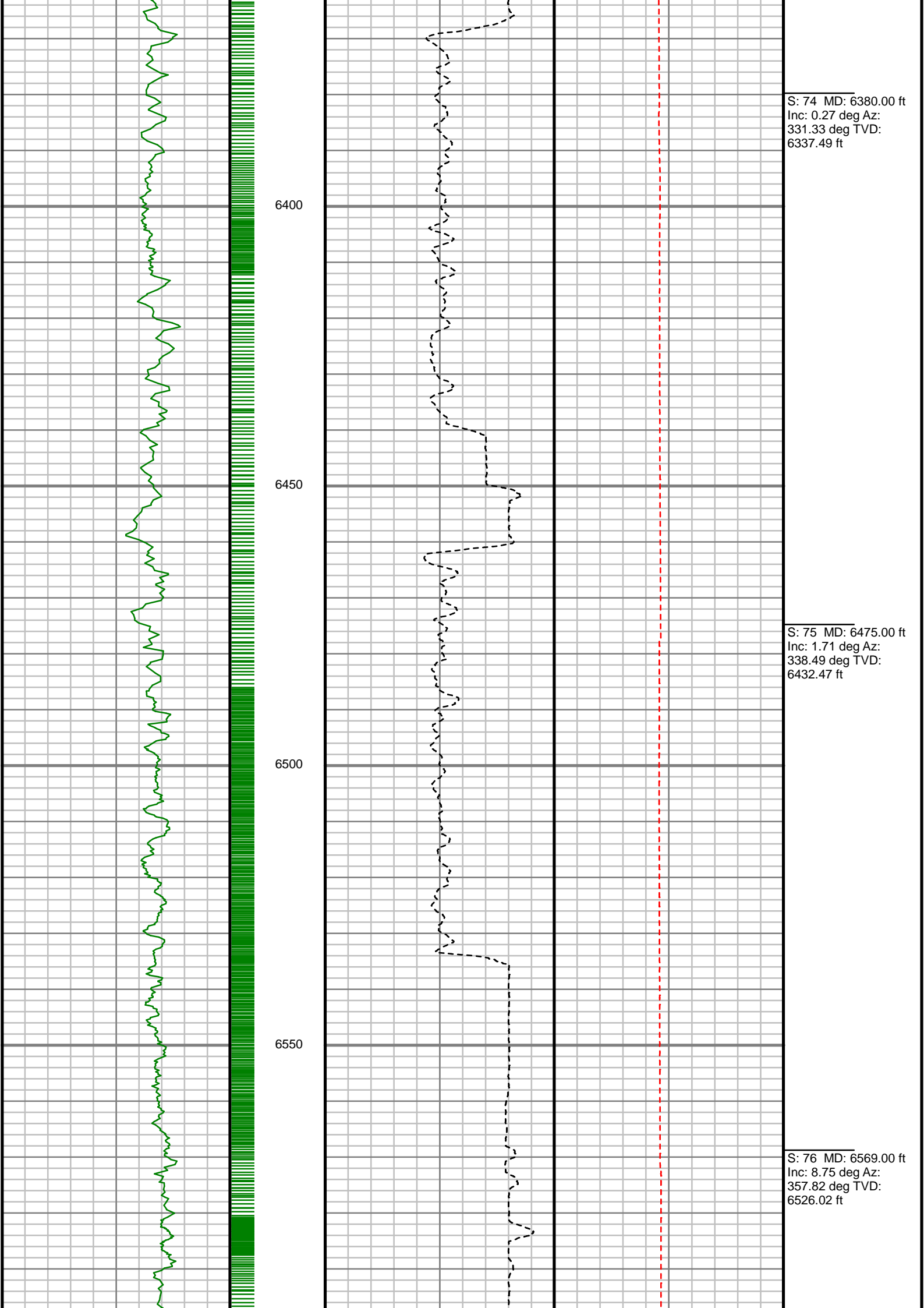
S: 65 MD: 5529.00 ft
Inc: 0.62 deg Az:
357.41 deg TVD:
5486.63 ft

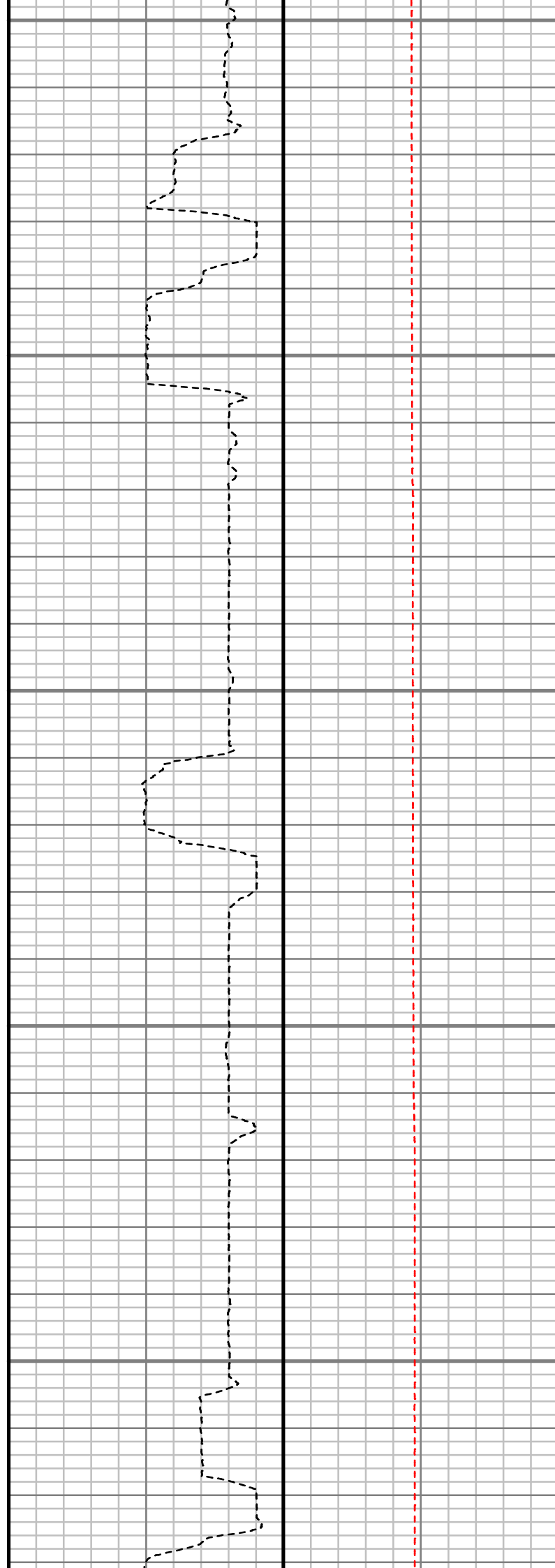
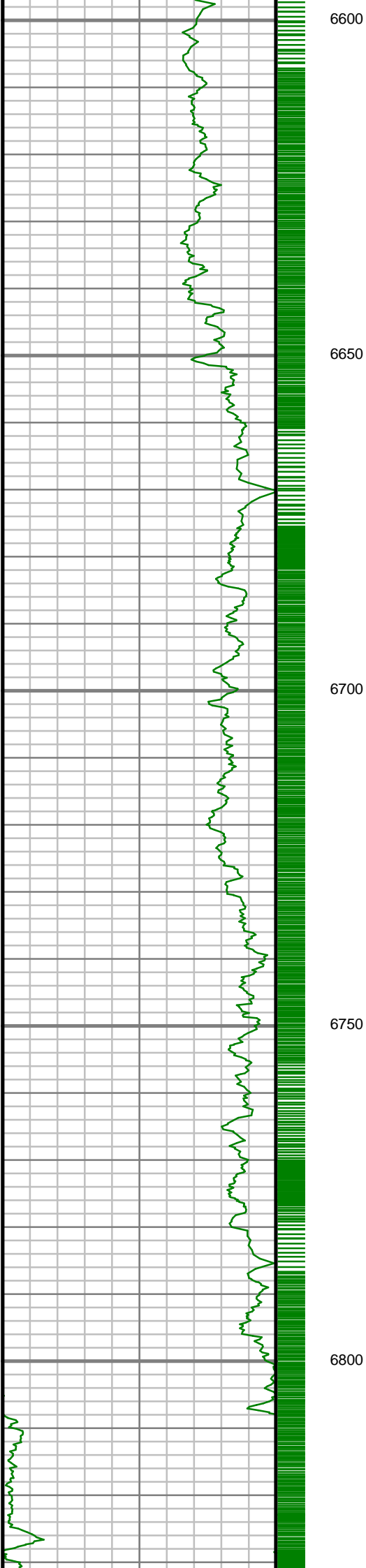
S: 66 MD: 5624.00 ft
Inc: 0.89 deg Az: 17.25
deg TVD: 5581.62 ft





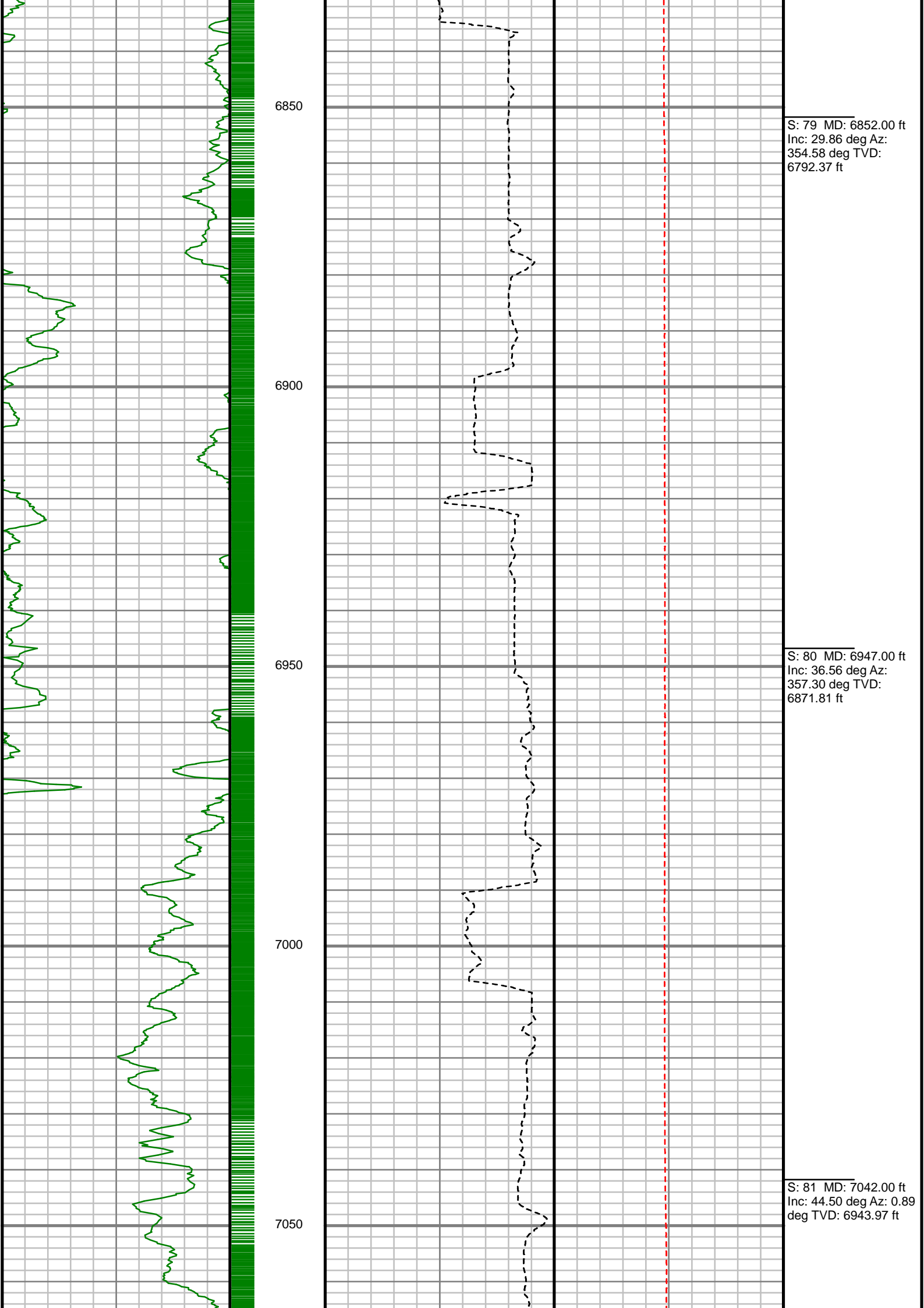






S: 77 MD: 6663.00 ft
Inc: 14.19 deg Az:
359.06 deg TVD:
6618.11 ft

S: 78 MD: 6758.00 ft
Inc: 22.72 deg Az:
353.68 deg TVD:
6708.15 ft



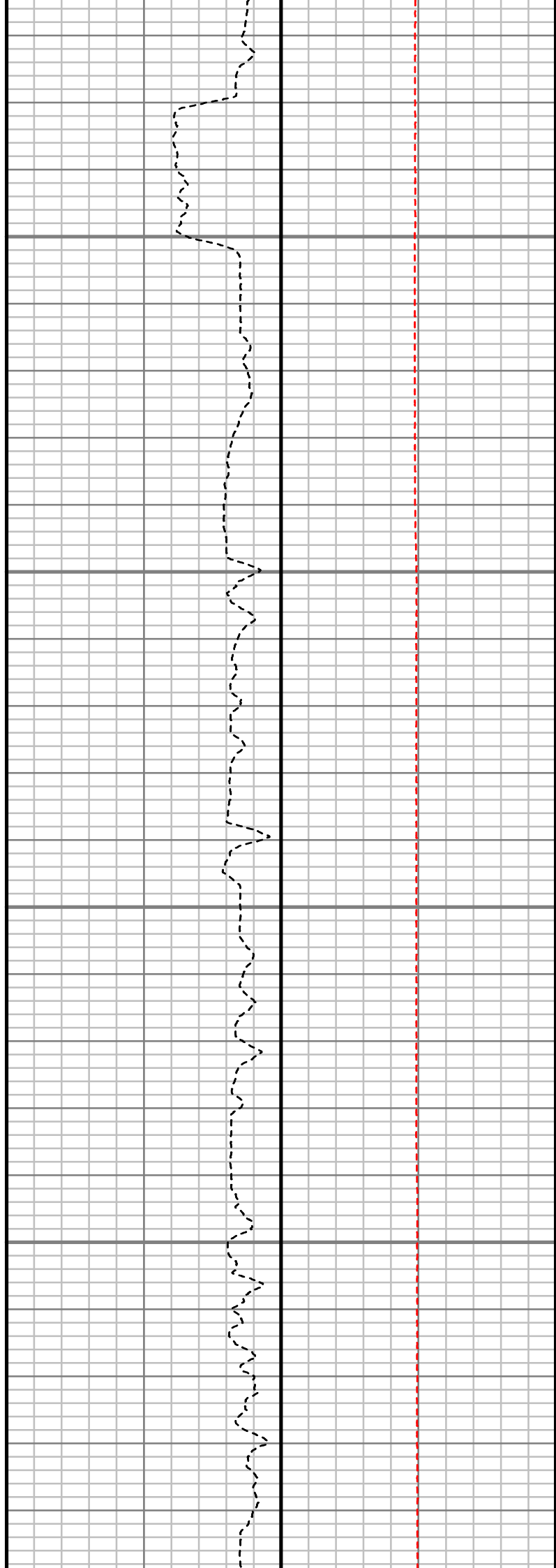


7100

7150

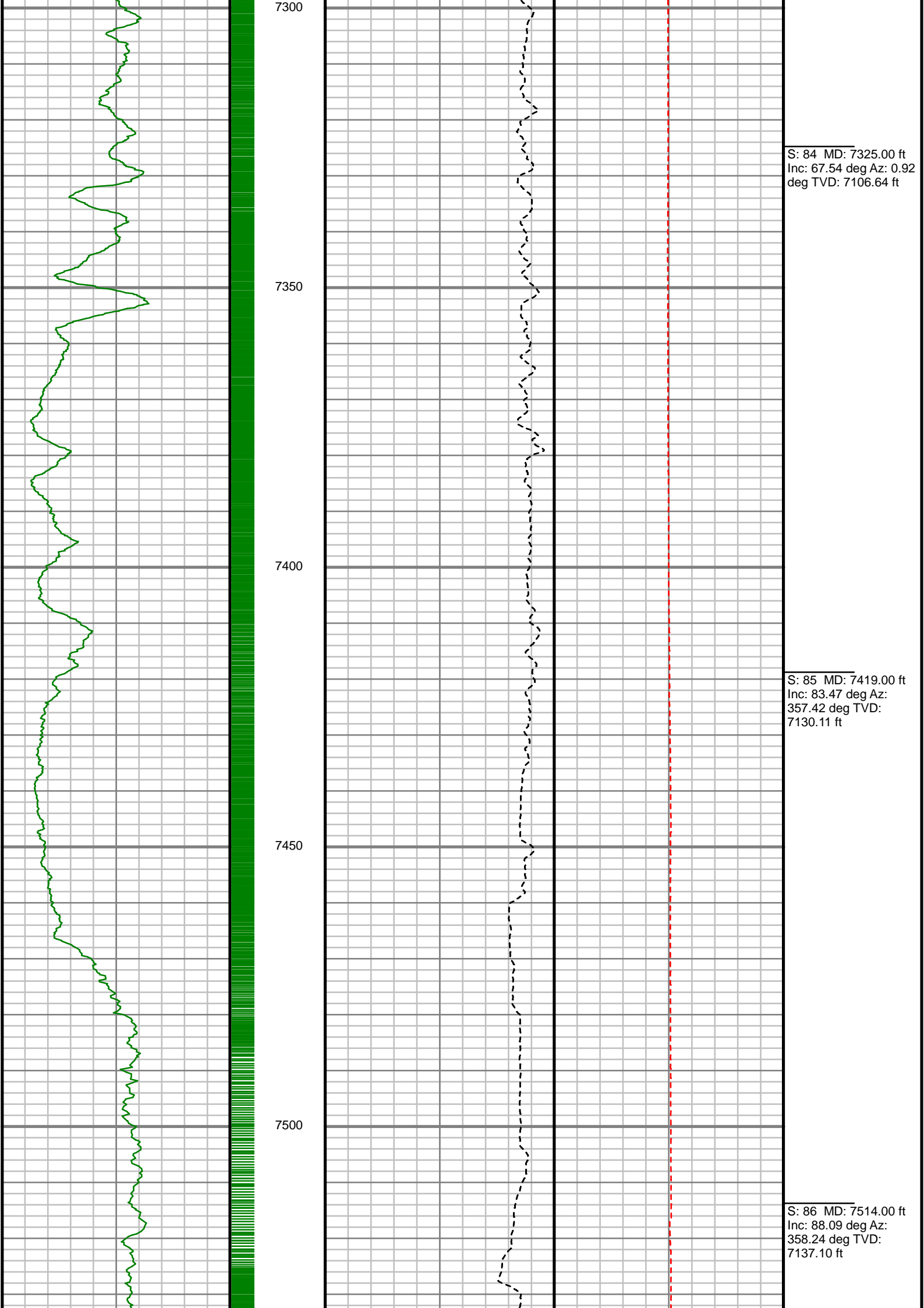
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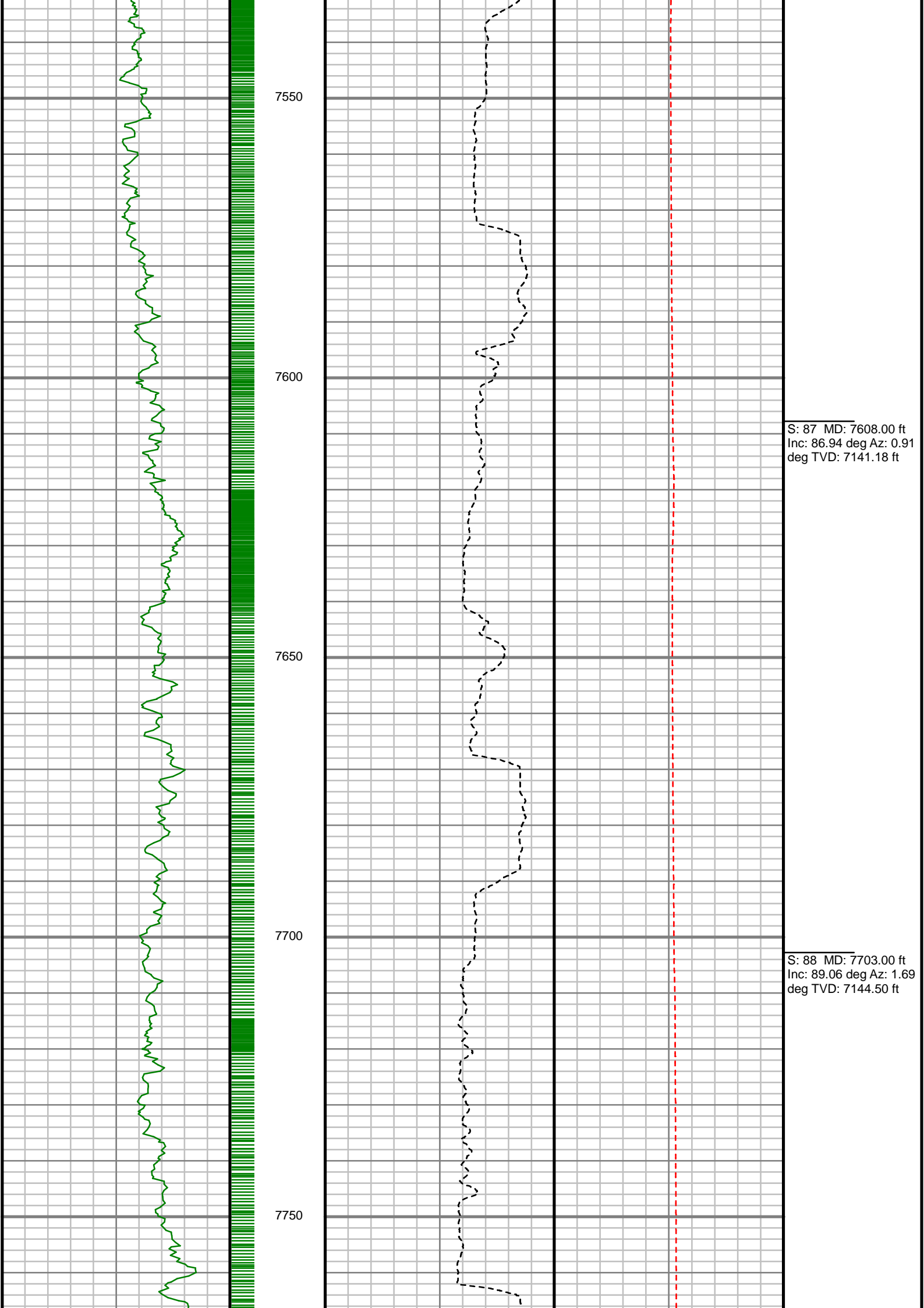
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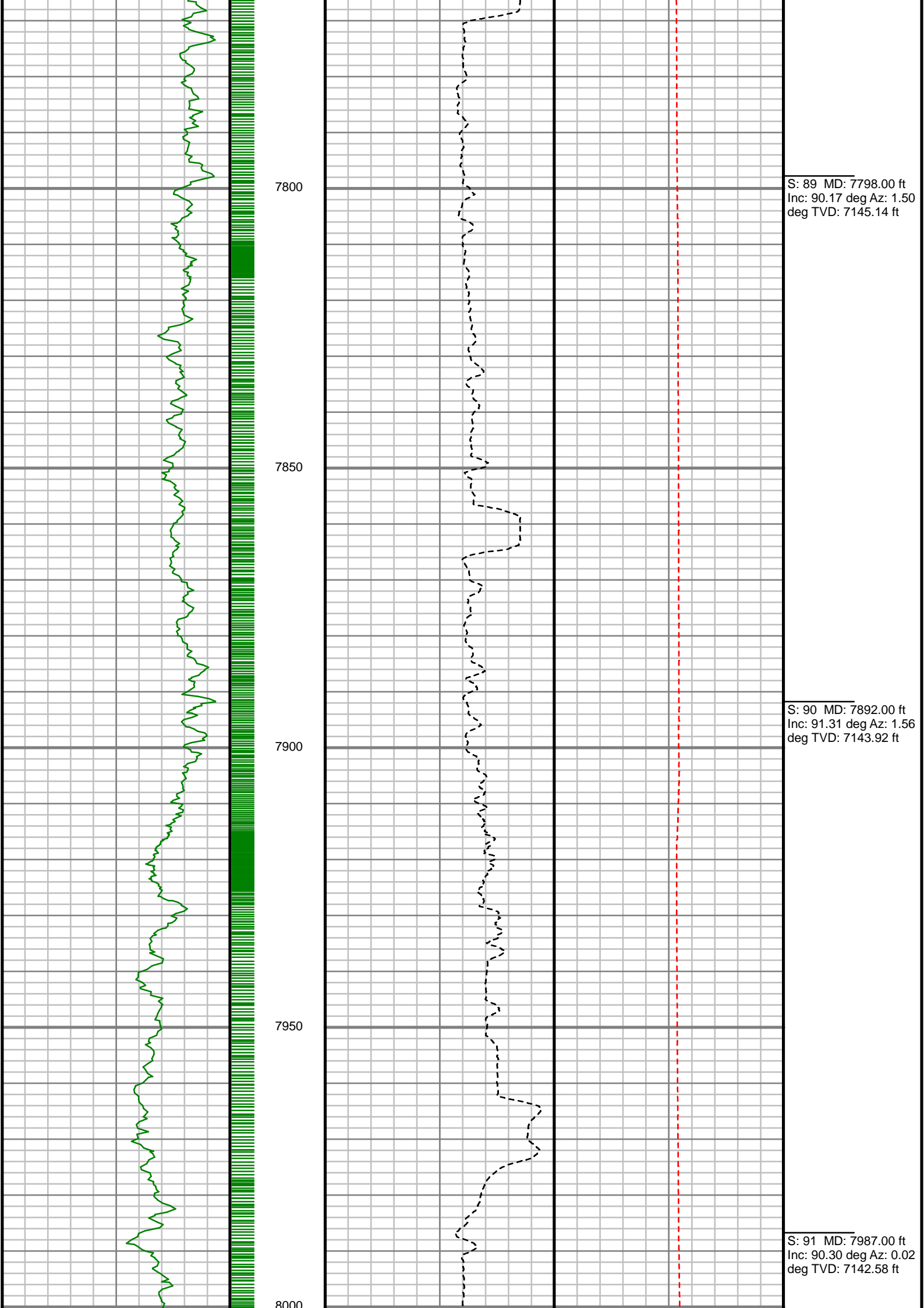


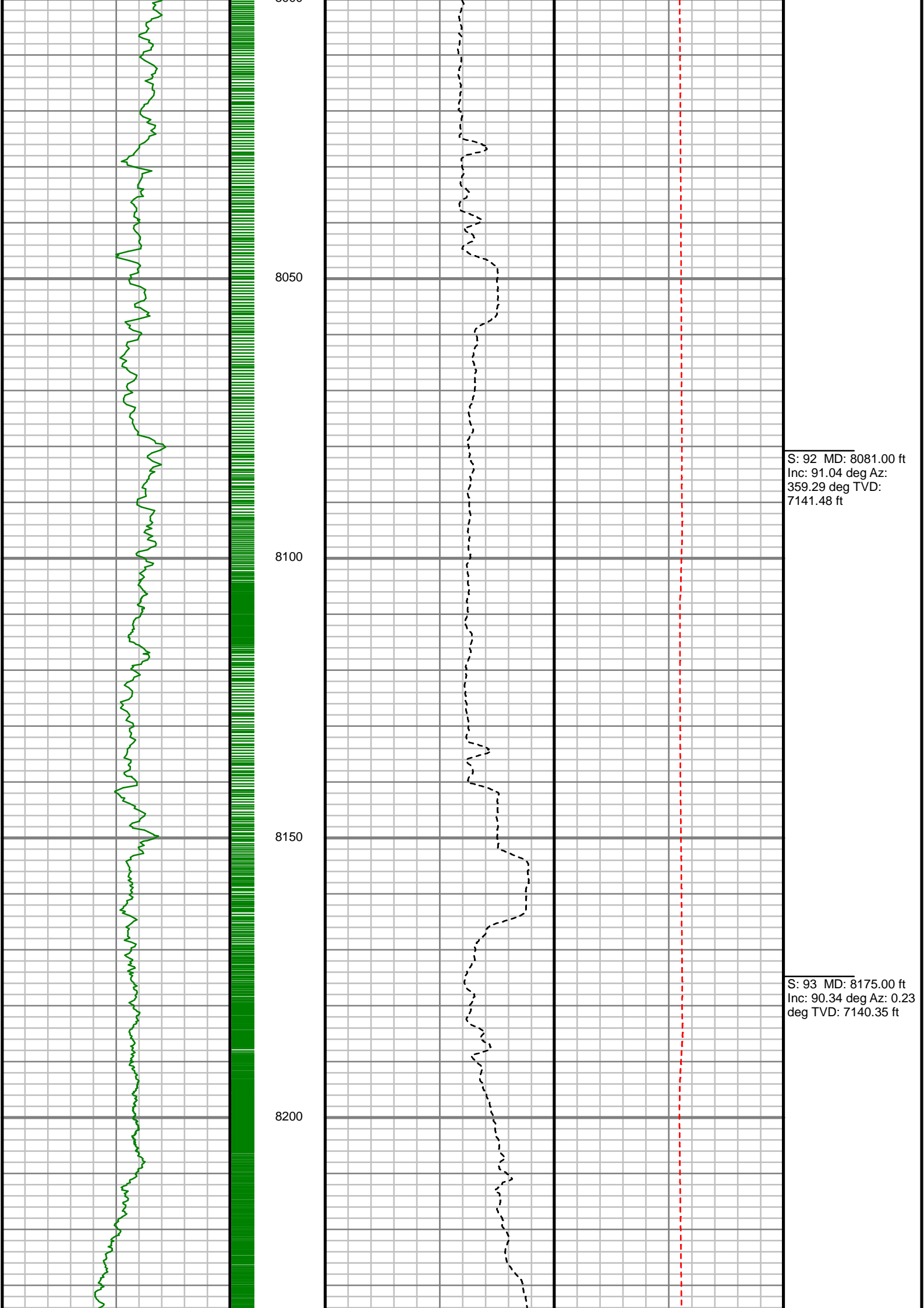
S: 82 MD: 7136.00 ft
Inc: 49.69 deg Az: 2.67
deg TVD: 7007.95 ft

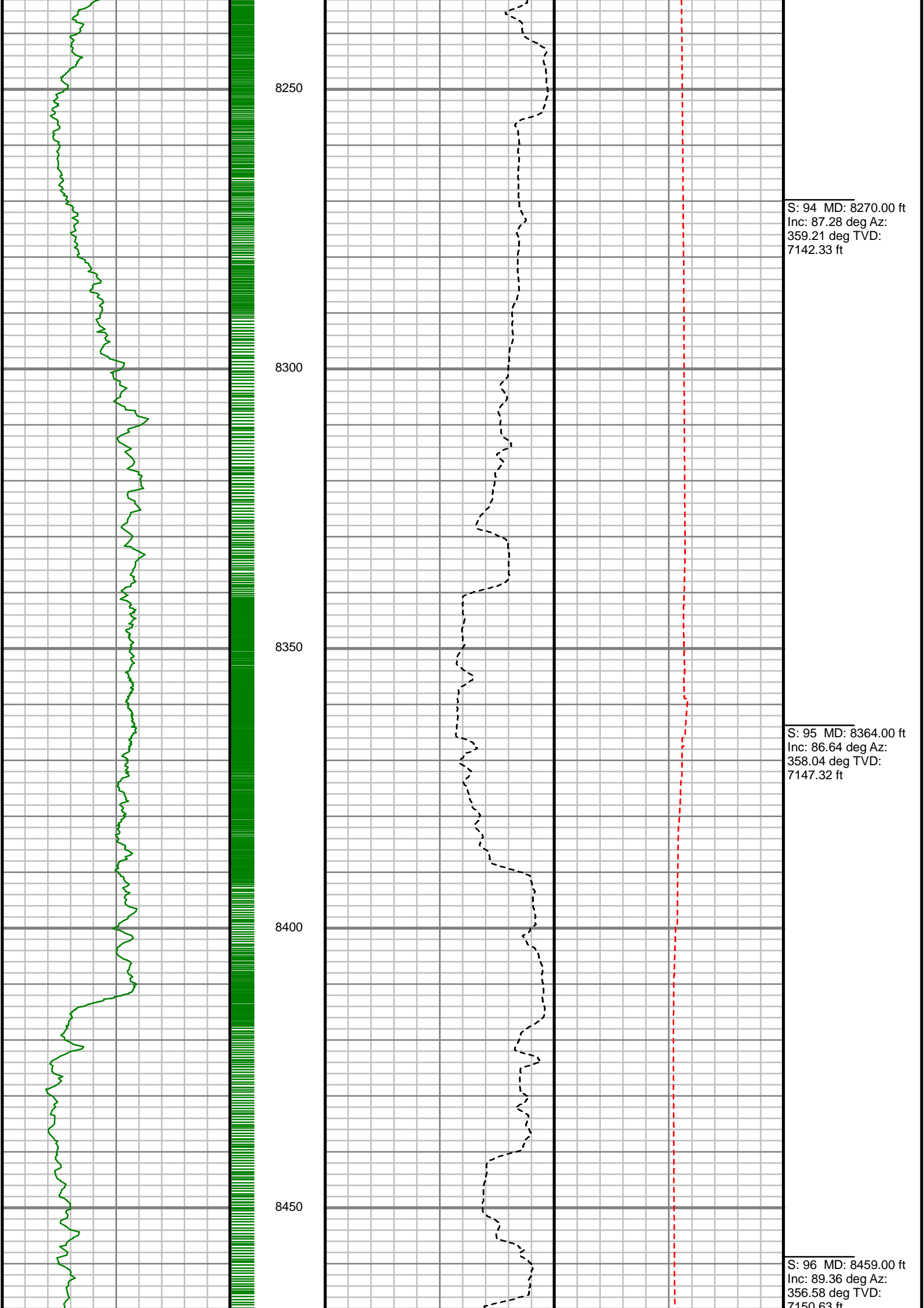
S: 83 MD: 7230.00 ft
Inc: 58.16 deg Az: 8.73
deg TVD: 7063.28 ft

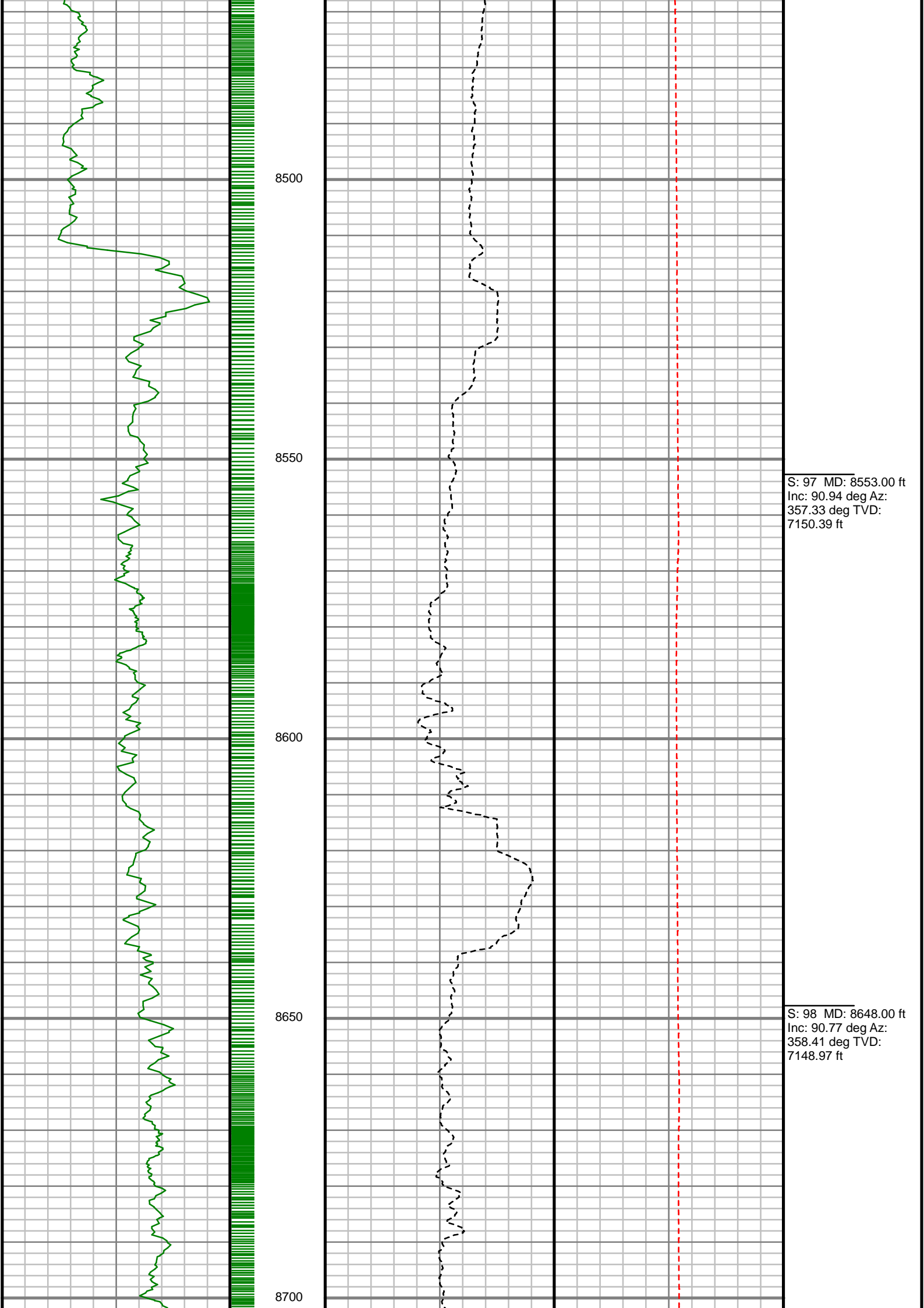






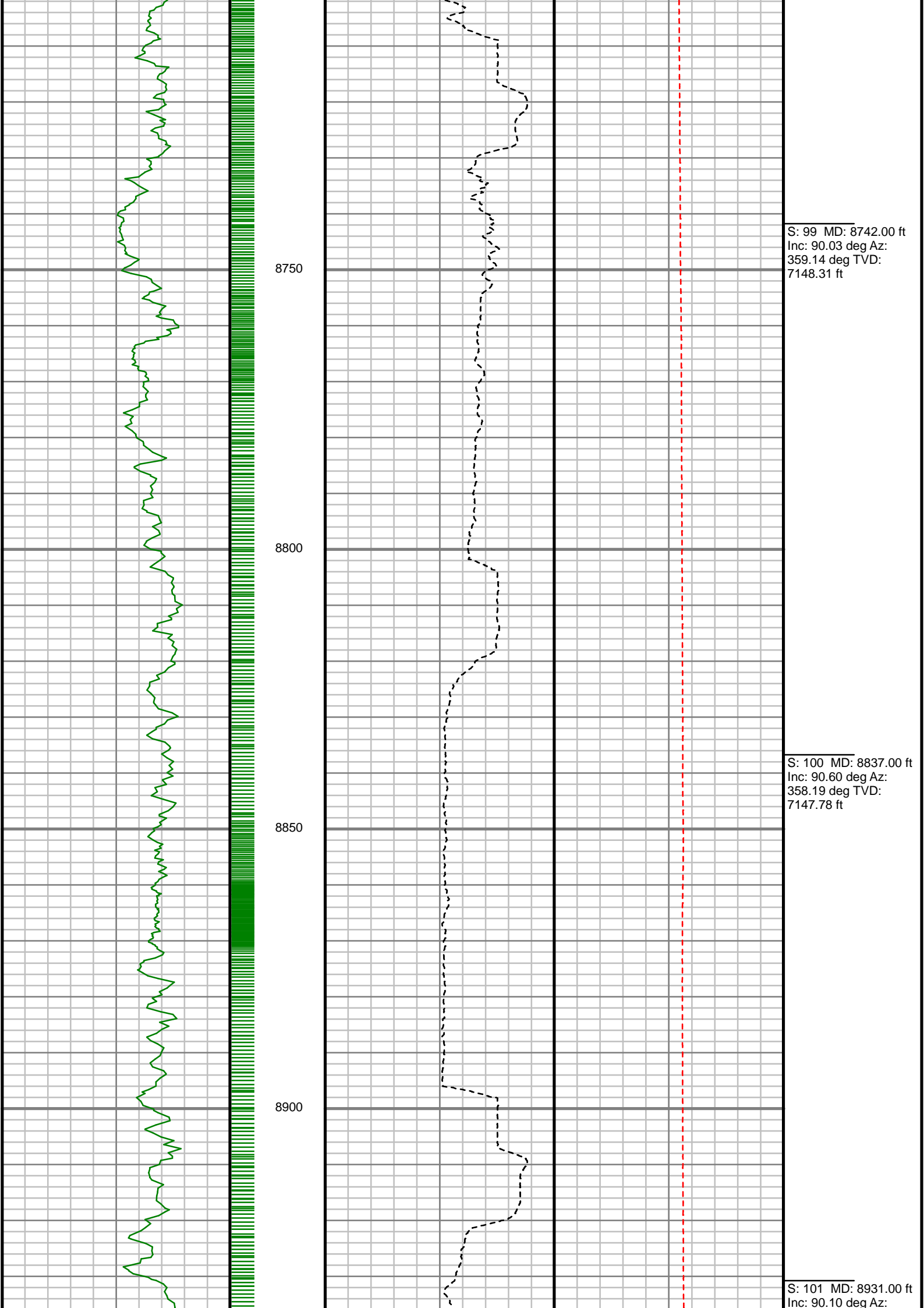


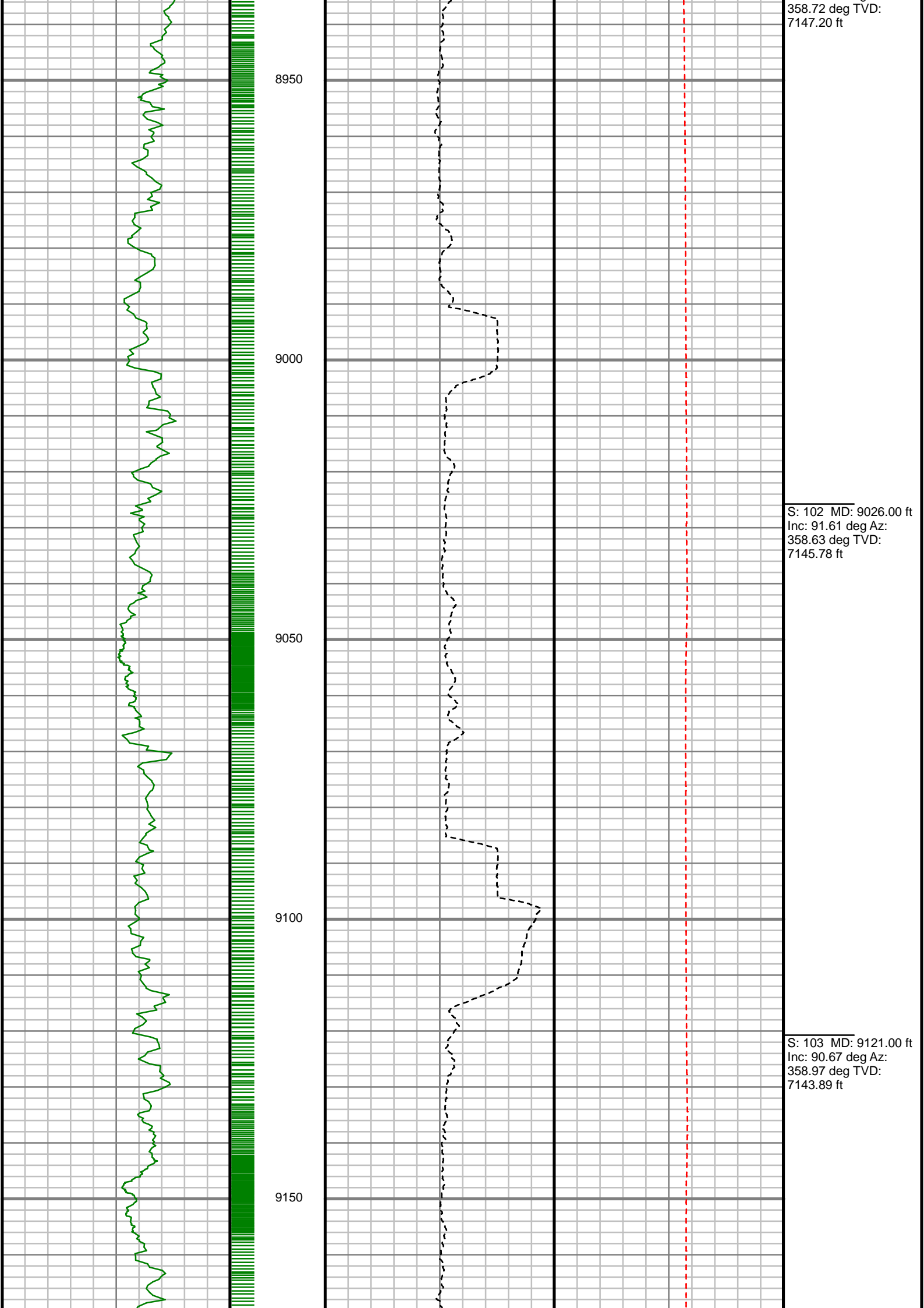




S: 97 MD: 8553.00 ft
Inc: 90.94 deg Az:
357.33 deg TVD:
7150.39 ft

S: 98 MD: 8648.00 ft
Inc: 90.77 deg Az:
358.41 deg TVD:
7148.97 ft

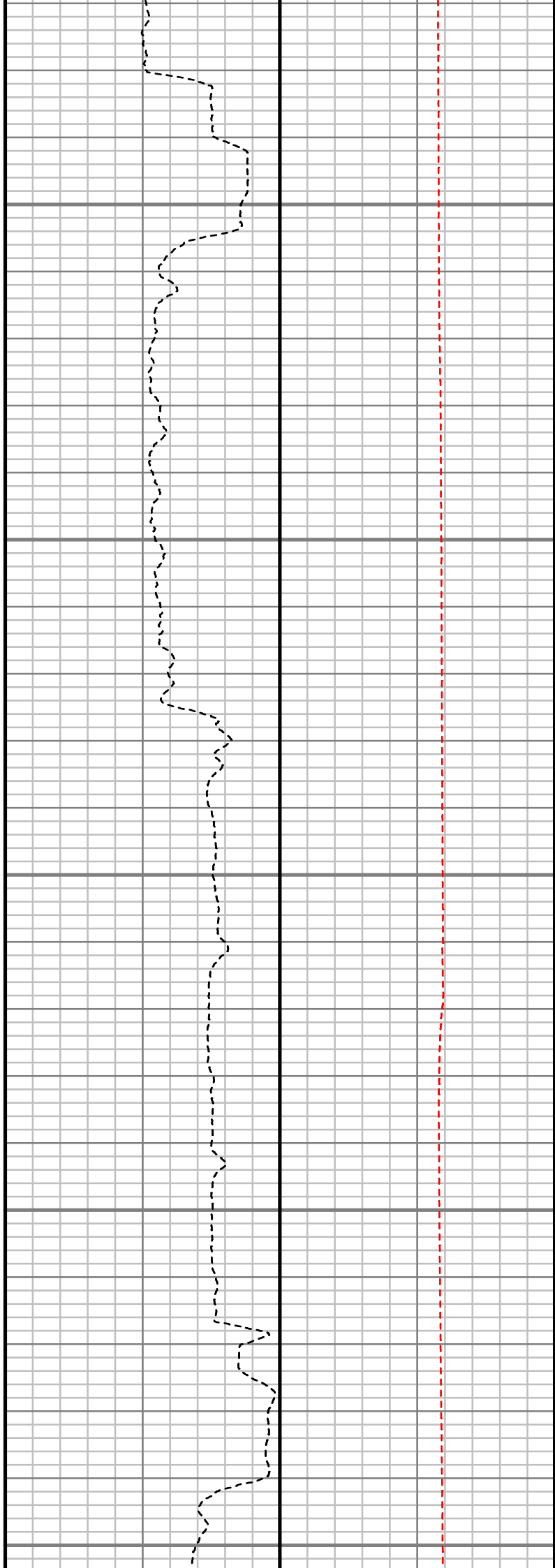
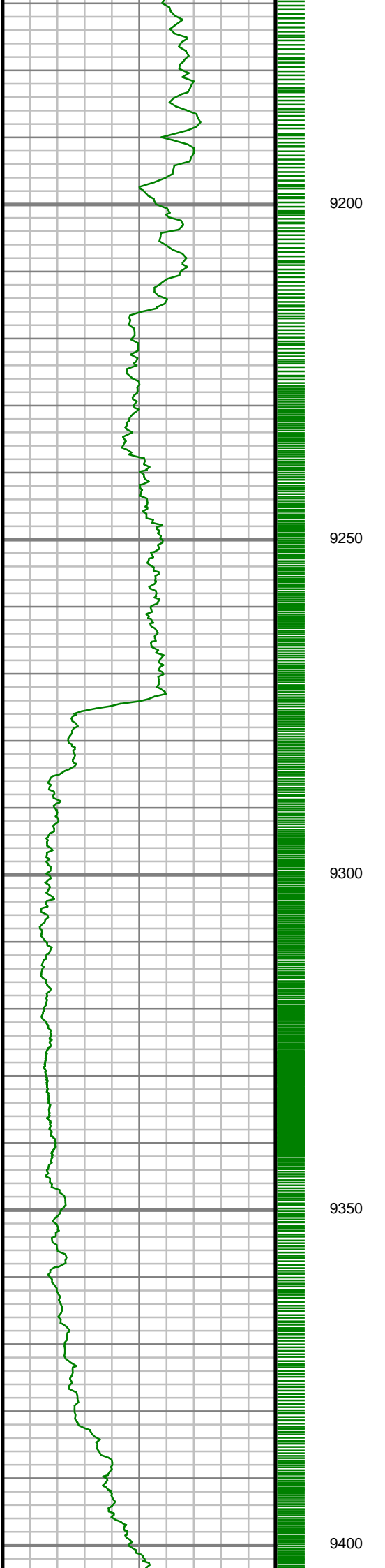




358.72 deg TVD:
7147.20 ft

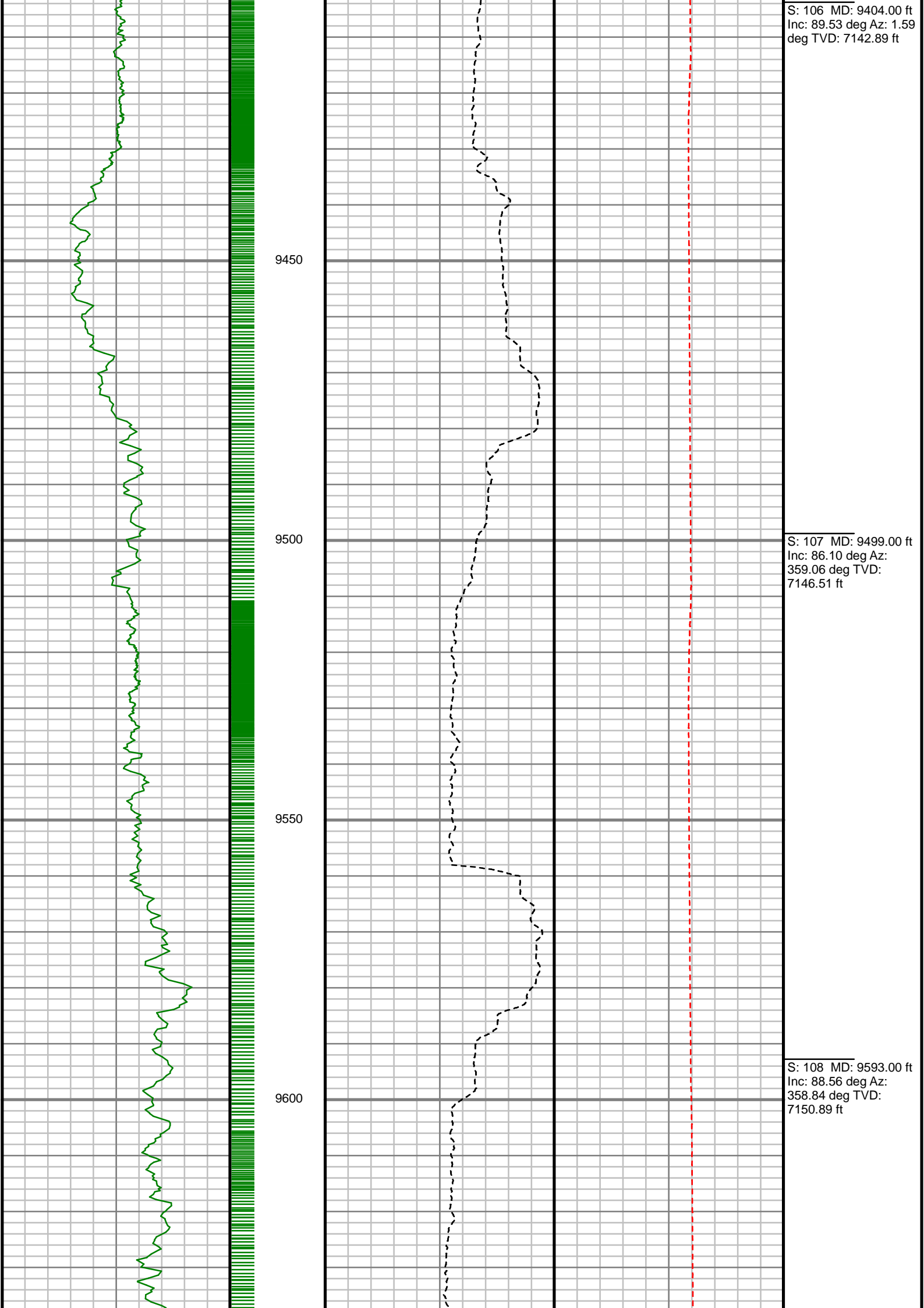
S: 102 MD: 9026.00 ft
Inc: 91.61 deg Az:
358.63 deg TVD:
7145.78 ft

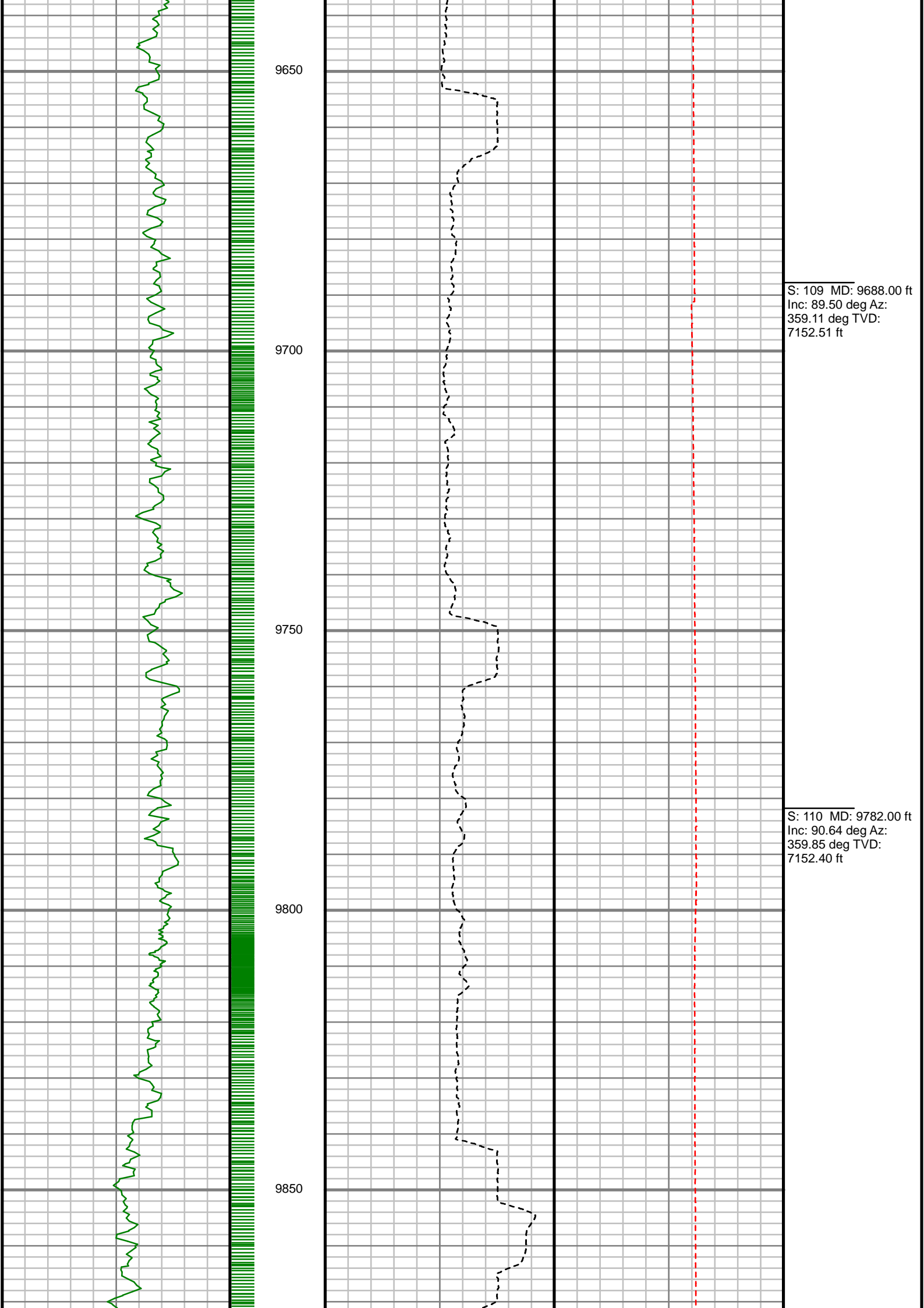
S: 103 MD: 9121.00 ft
Inc: 90.67 deg Az:
358.97 deg TVD:
7143.89 ft

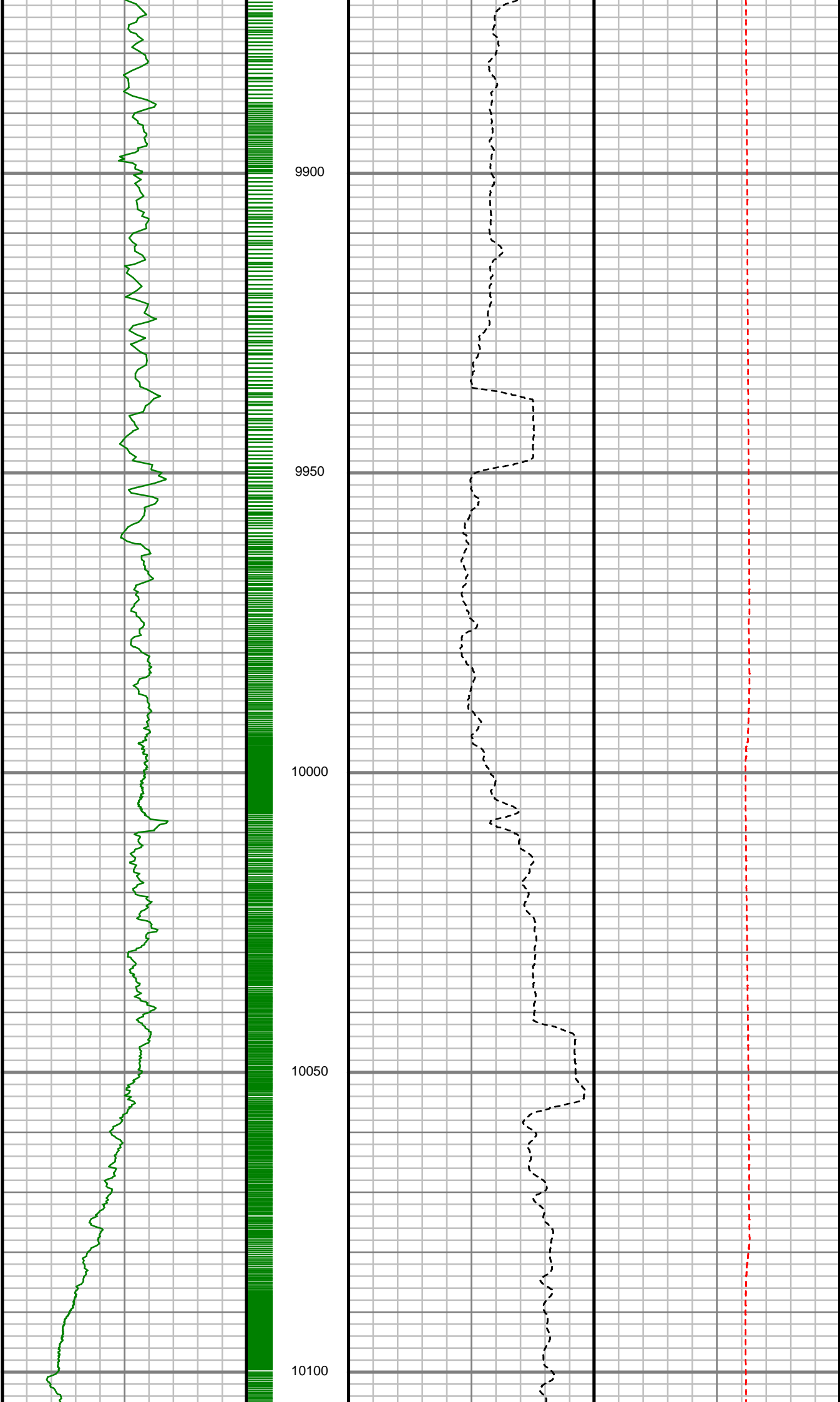


S: 104 MD: 9215.00 ft
Inc: 89.43 deg Az:
359.97 deg TVD:
7143.80 ft

S: 105 MD: 9310.00 ft
Inc: 91.08 deg Az: 0.49
deg TVD: 7143.39 ft



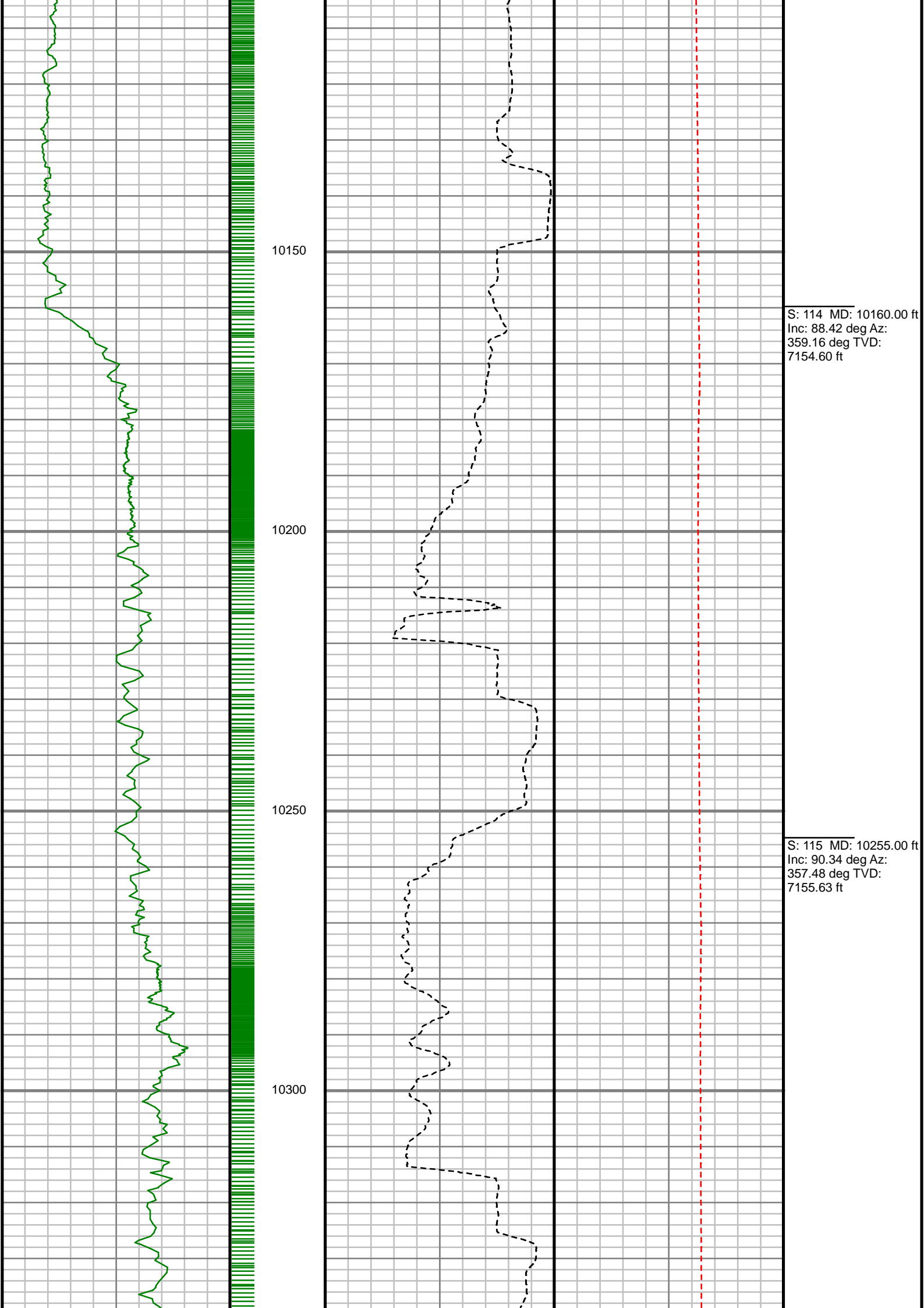


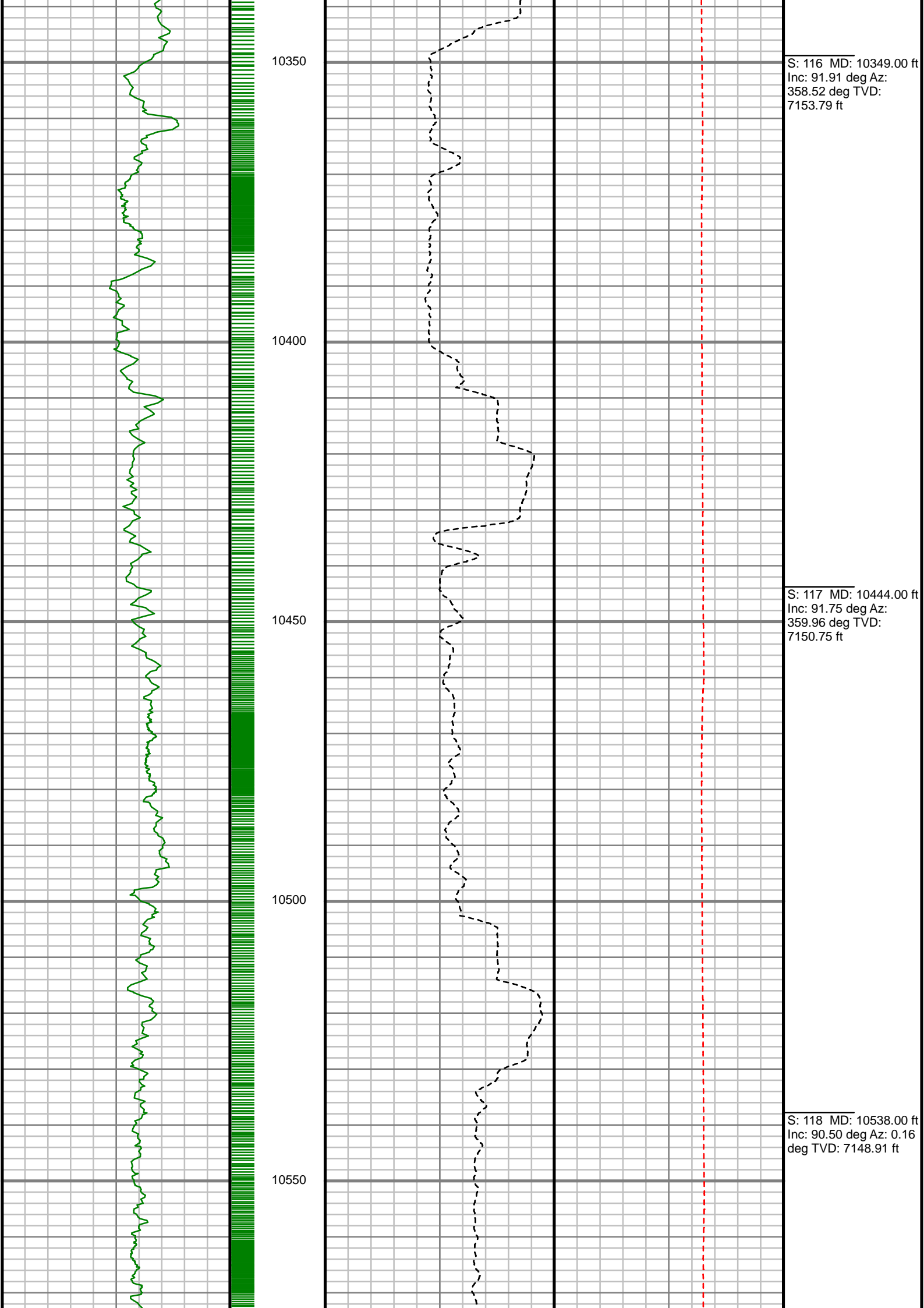


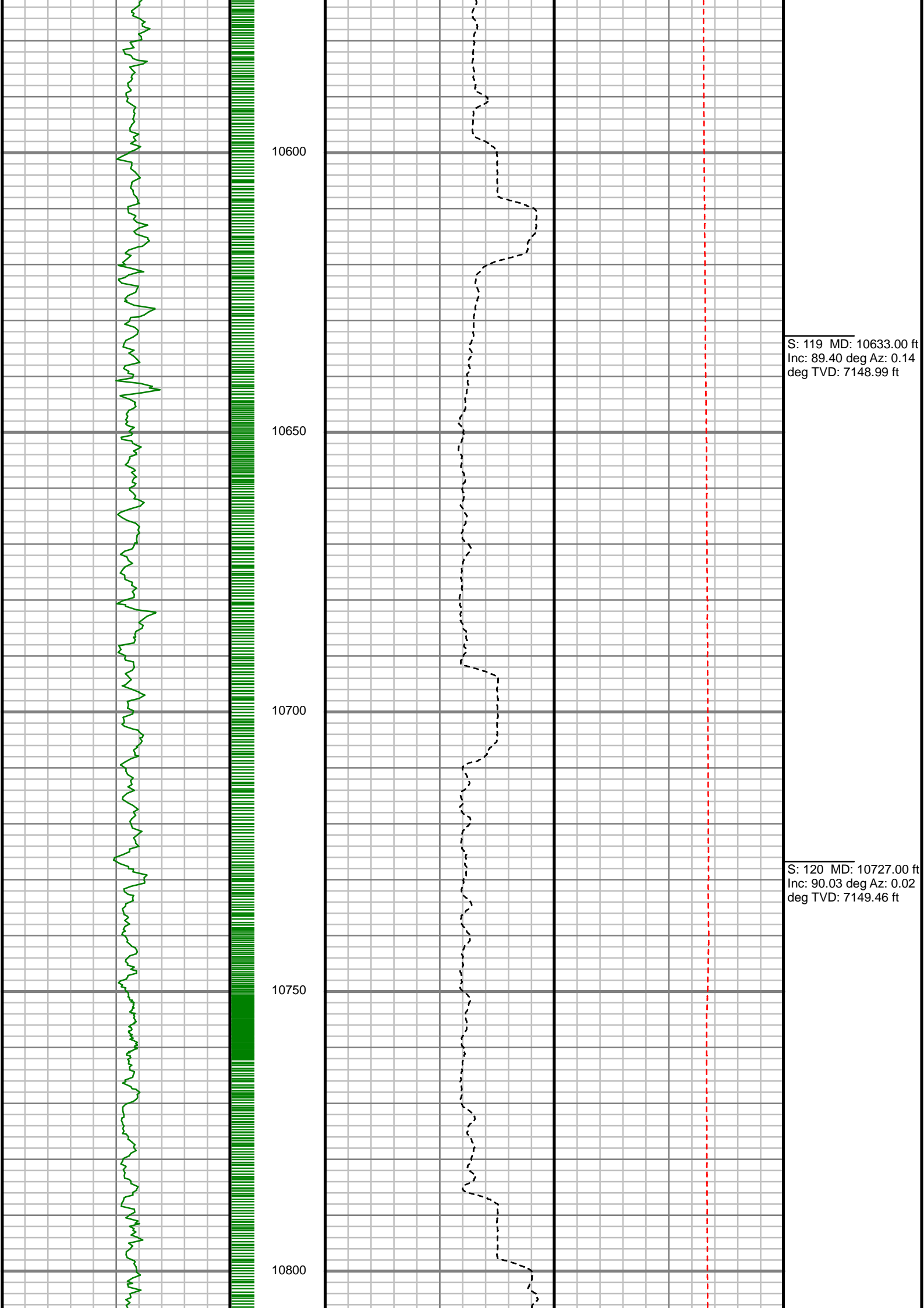
S: 111 MD: 9877.00 ft
Inc: 89.46 deg Az:
359.37 deg TVD:
7152.31 ft

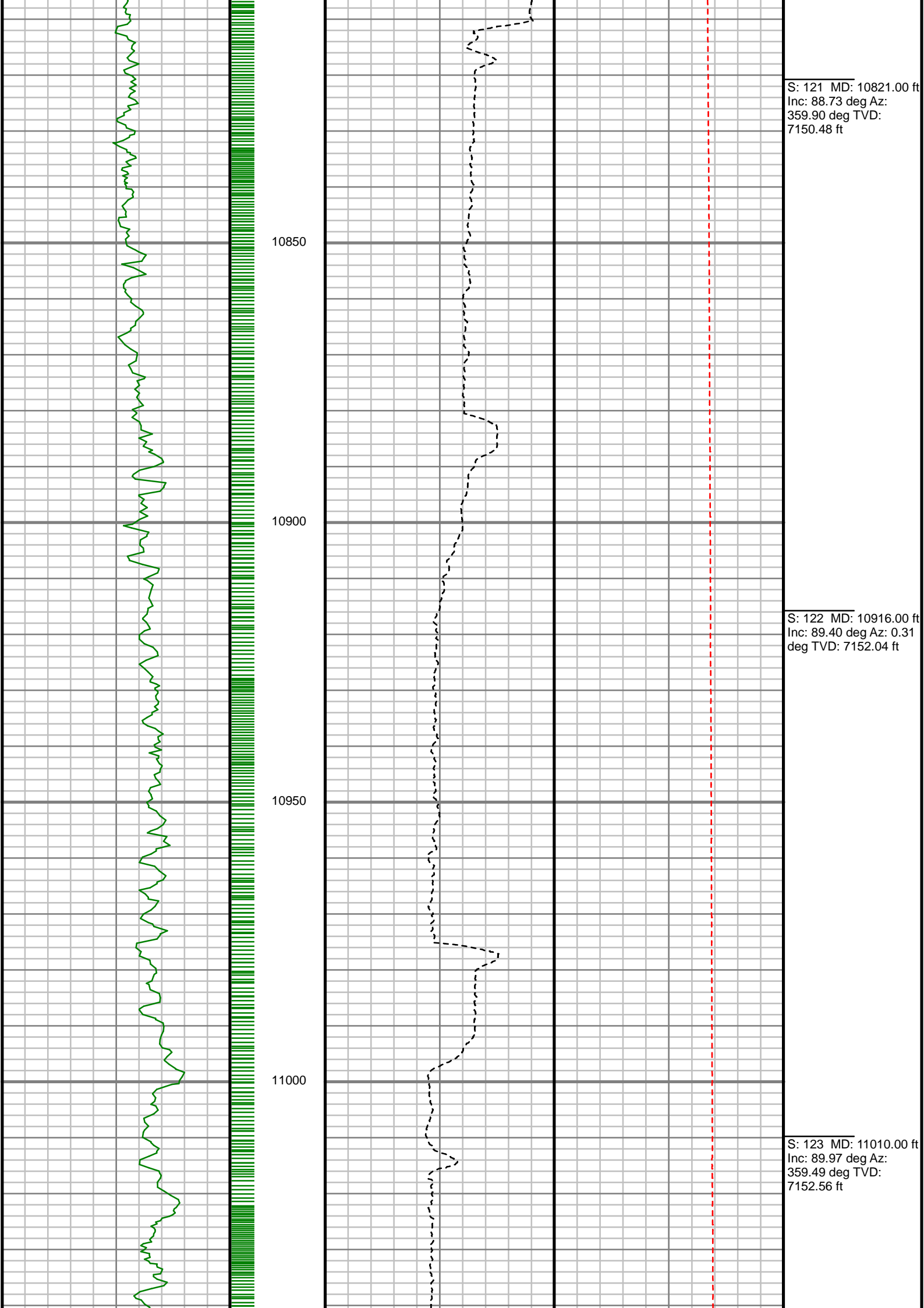
S: 112 MD: 9971.00 ft
Inc: 89.66 deg Az:
358.54 deg TVD:
7153.03 ft

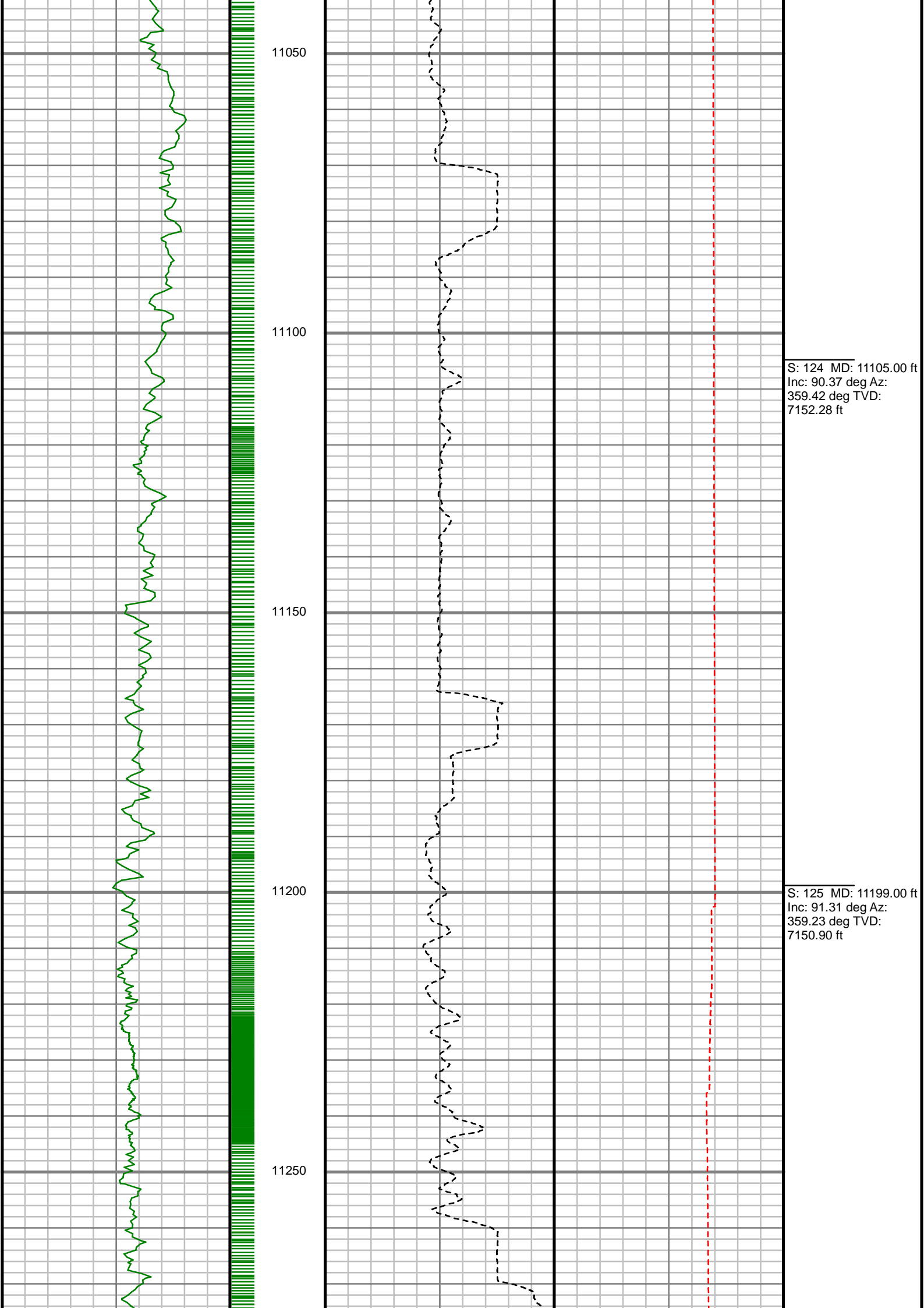
S: 113 MD: 10066.00 ft
Inc: 90.00 deg Az:
357.22 deg TVD:
7153.31 ft

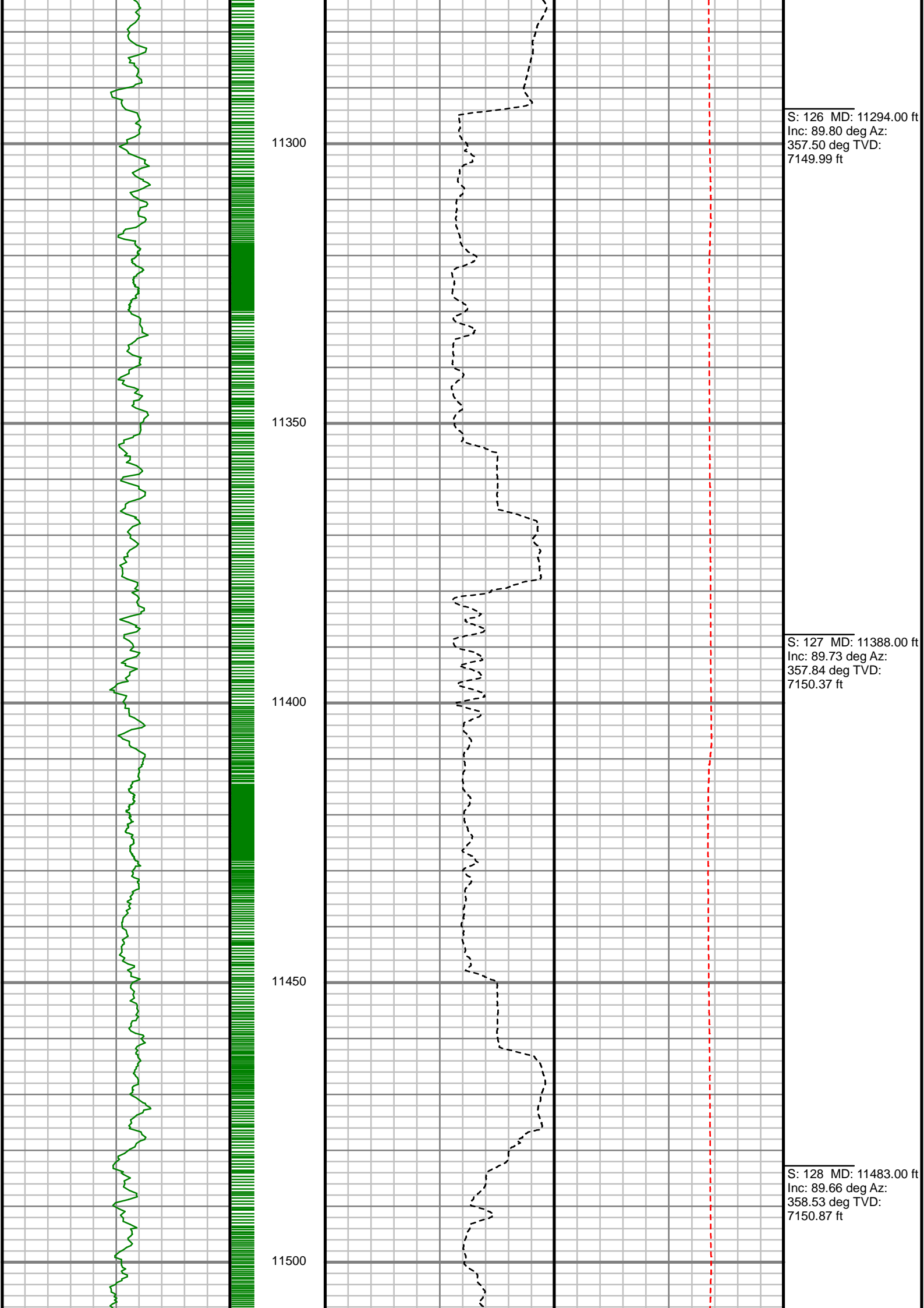








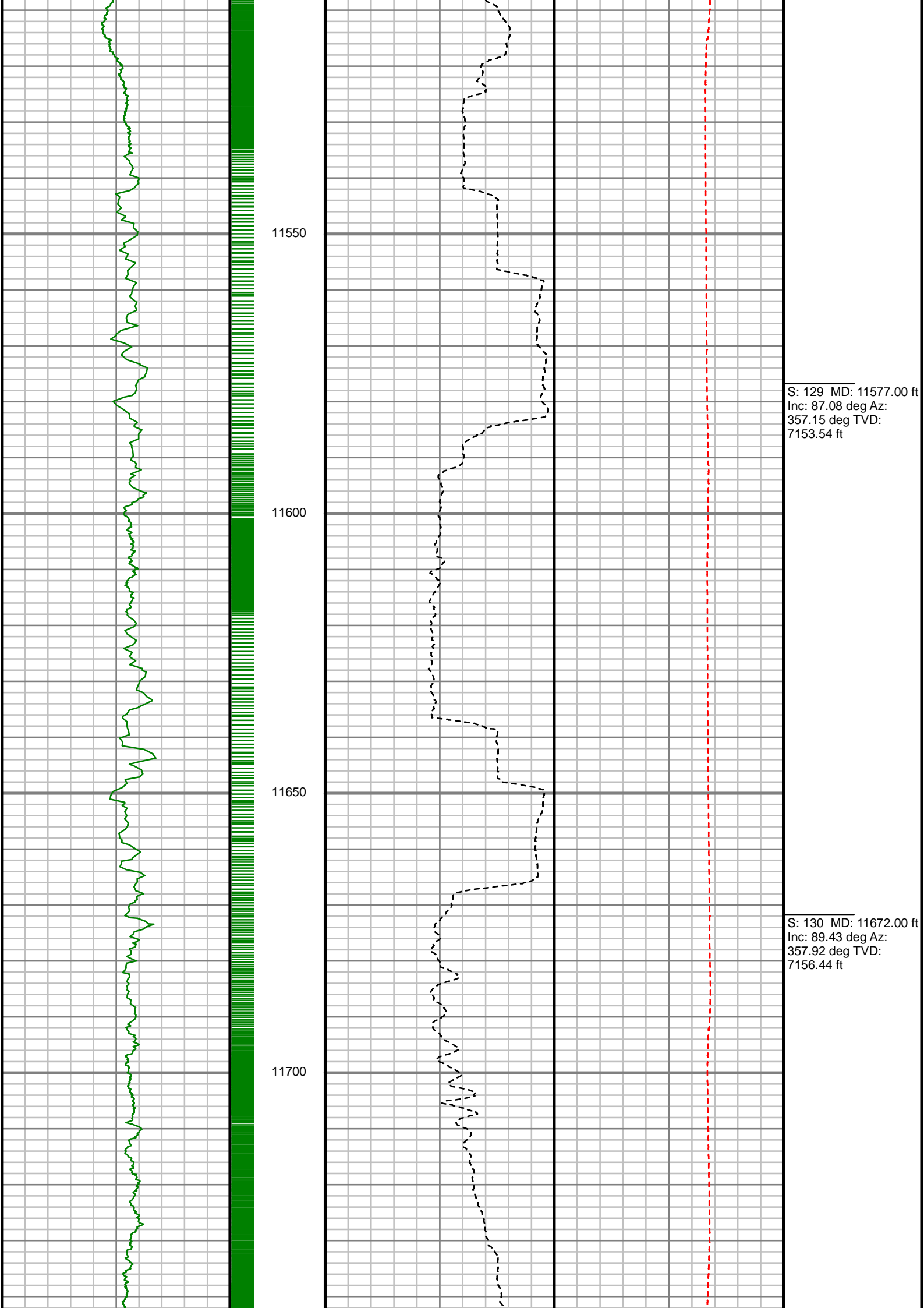


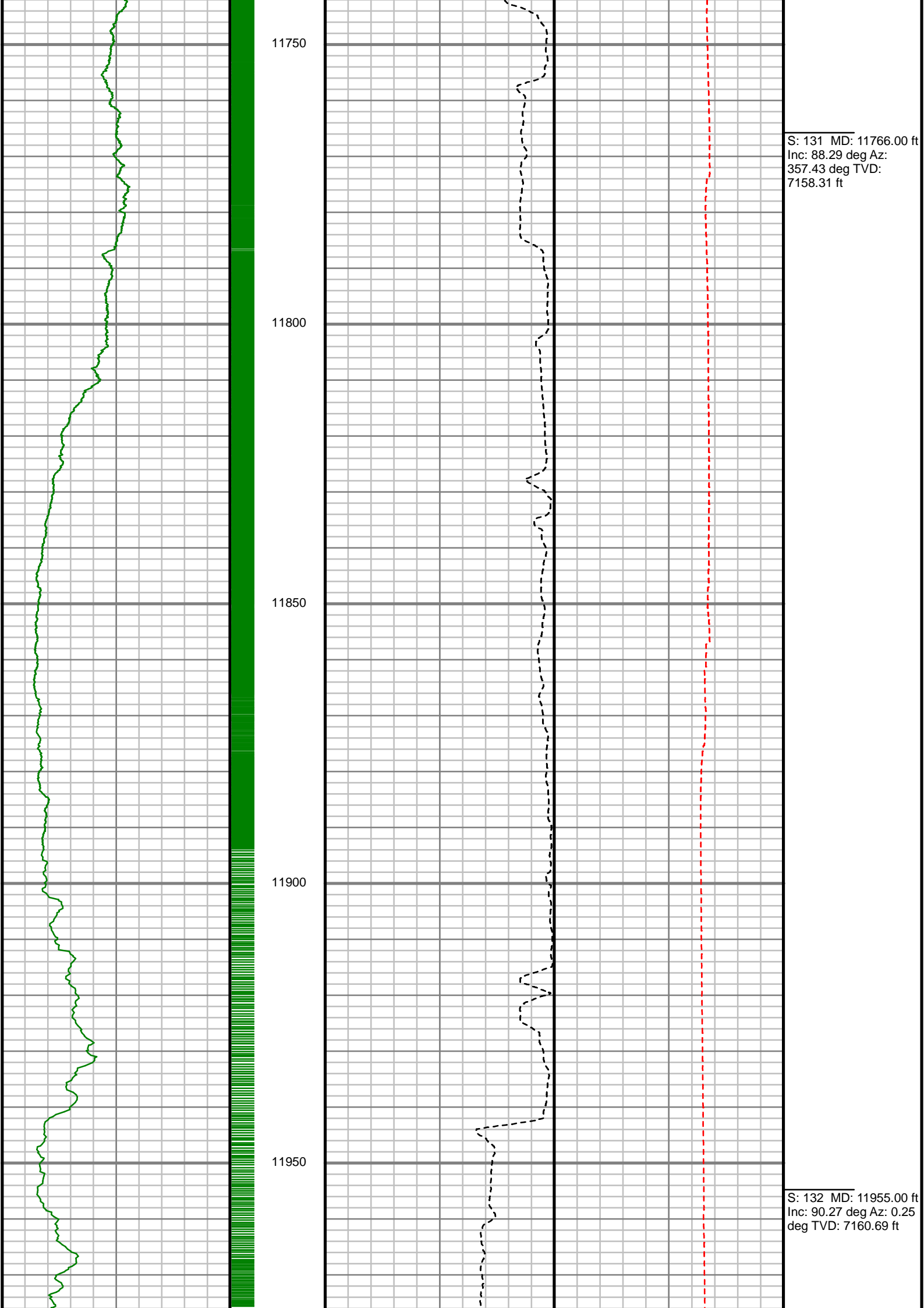


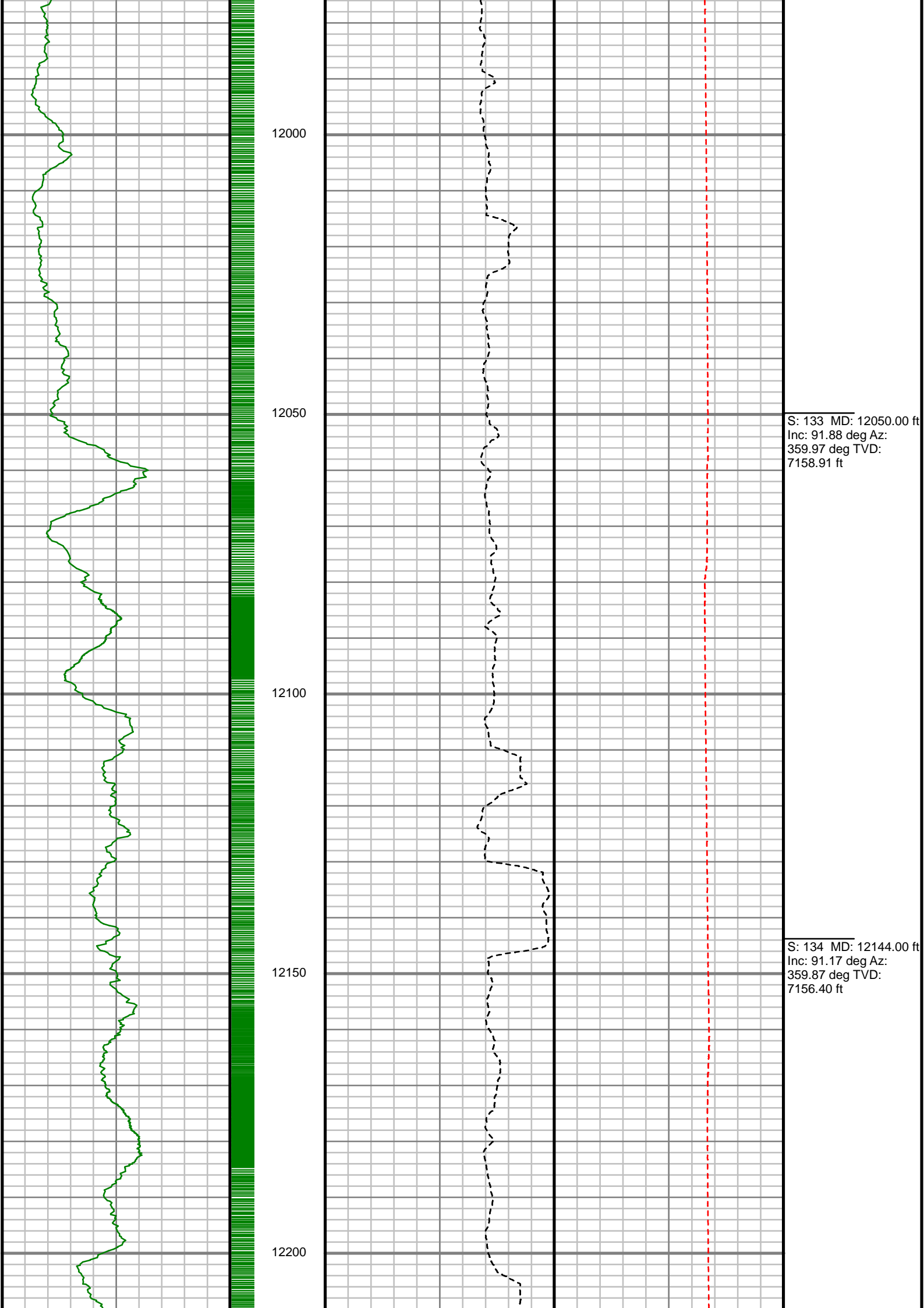
S: 126 MD: 11294.00 ft
Inc: 89.80 deg Az:
357.50 deg TVD:
7149.99 ft

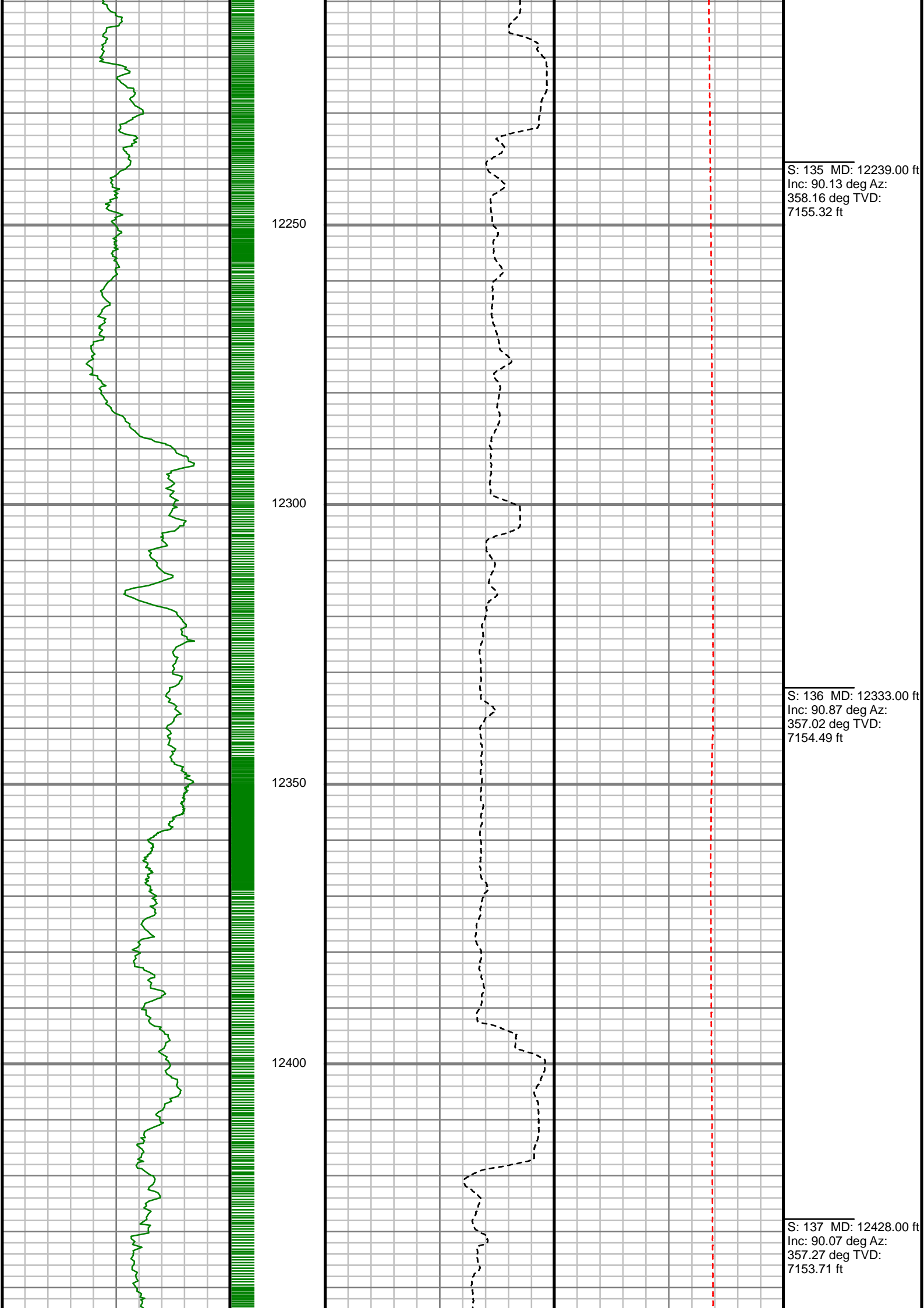
S: 127 MD: 11388.00 ft
Inc: 89.73 deg Az:
357.84 deg TVD:
7150.37 ft

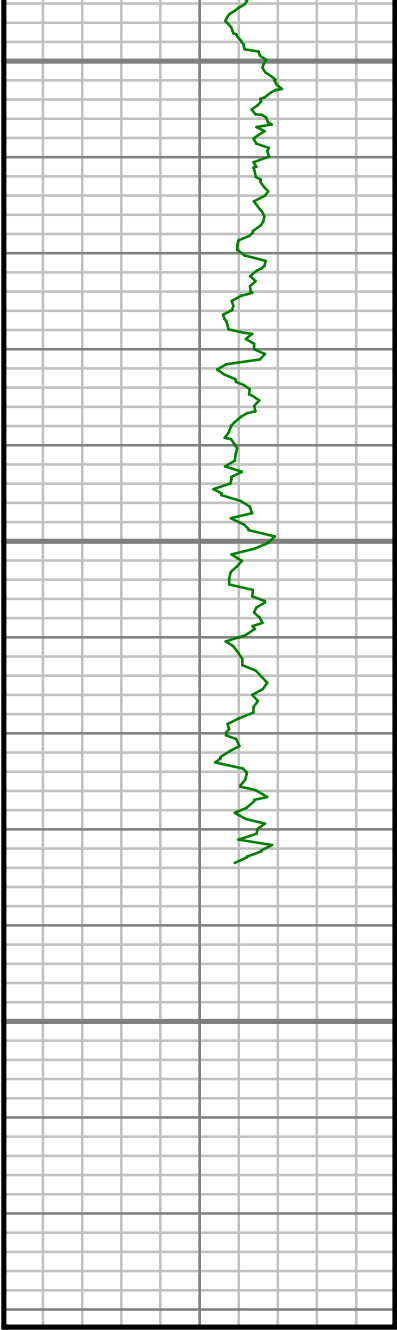
S: 128 MD: 11483.00 ft
Inc: 89.66 deg Az:
358.53 deg TVD:
7150.87 ft





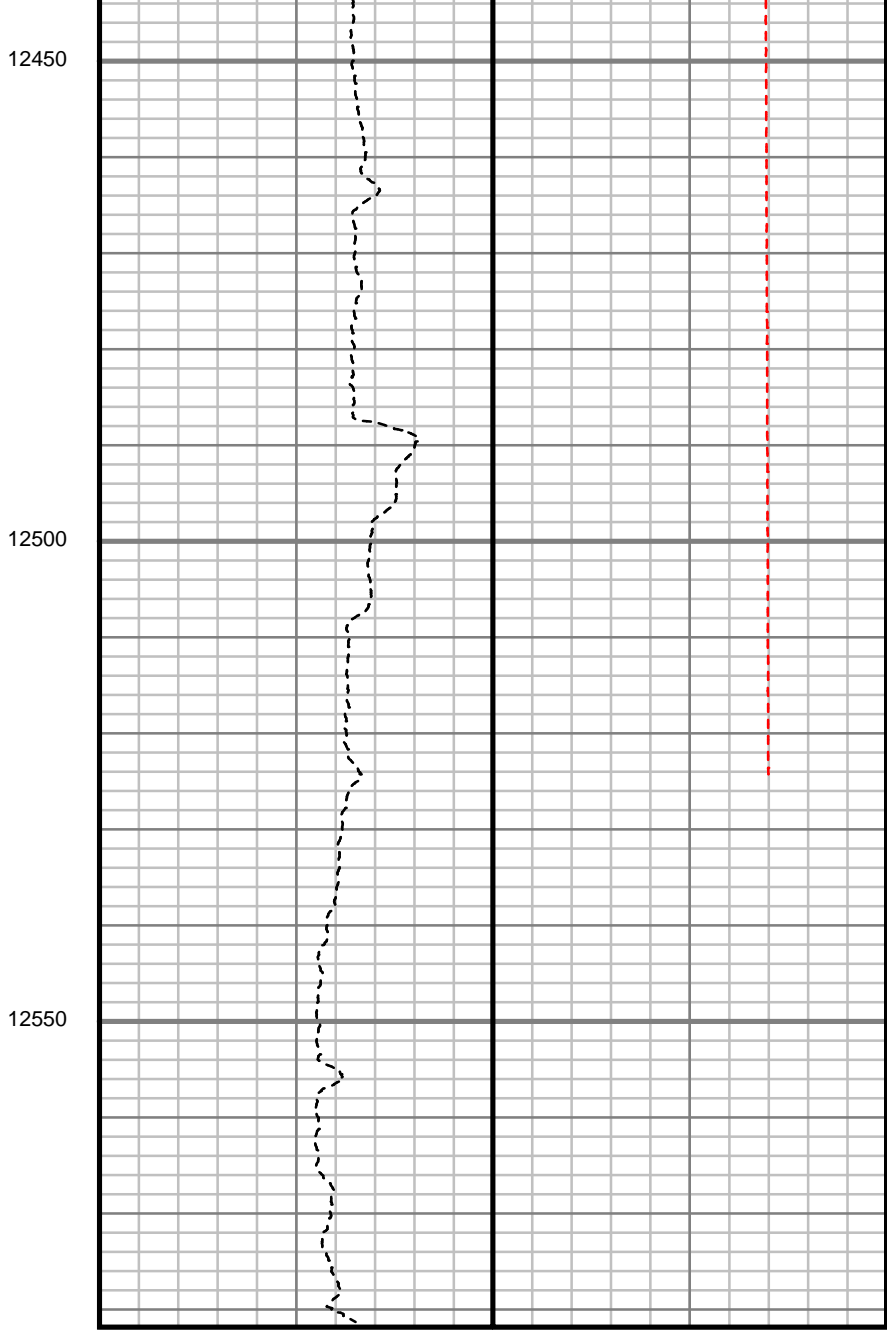




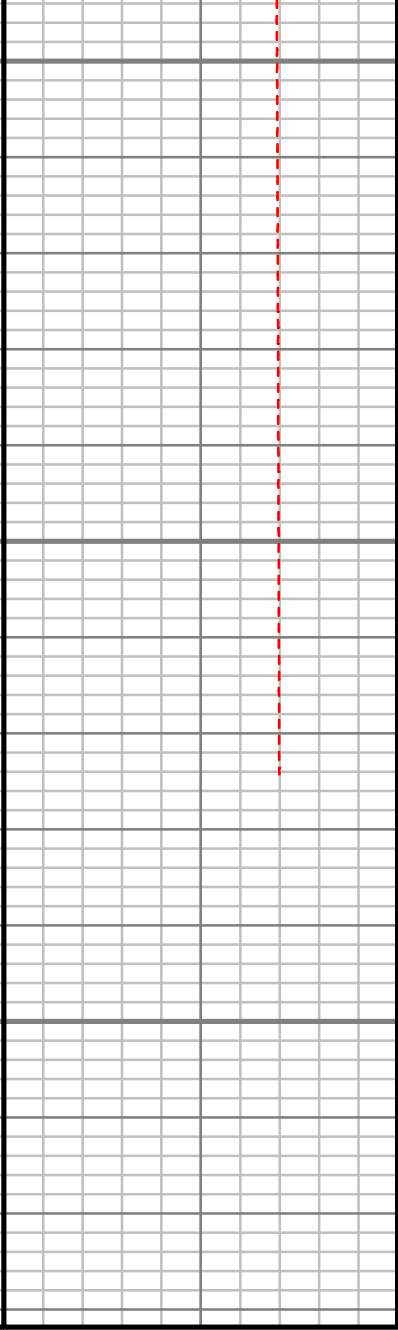


Gamma Ray (GR)		
0	Unit = aapi	150

MEASURED DEPTH
1:240 (ft)



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



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

S: 138 MD: 12522.00 ft
Inc: 91.54 deg Az:
356.90 deg TVD:
7152.39 ft

Comments

Well Location	CHEESE 1-28HZ PAD
Well Name	CHEESE STATE 26C-21HZ
Survey Date	6/2/2015
Latitude	40°12'9.040"N
Longitude	104°39'43.456"W
Btotal	52514 nT
Dip	66.88 deg
Magnetic Declination	8.45 deg
North Reference	True North
Grid Correction	None
Depth Reference	RKB (25.00 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 359.33Azim (deg)
Operator(s)	M. SCHUSTER, S. WAXLER

Well Notes
SURVEYS FROM 0 FT. TO 1155 FT. WERE ACQUIRED BY CATHEDRAL MWD.
SURVEYS FROM 1155 FT. TO 12522 FT. WERE ACQUIRED BY SCIENTIFIC DRILLING INTERNATIONAL MWD.

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Build Rate	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	°/100ft	ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	Invalid	Invalid
20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	20.00
103.00	1.20	107.70	102.99	-0.27	-0.26	0.83	1.45	1.45	83.00
165.00	1.00	107.90	164.98	-0.65	-0.63	1.96	0.32	-0.32	62.00
224.00	0.80	96.10	223.98	-0.86	-0.83	2.86	0.46	-0.34	59.00
282.00	0.70	75.20	281.97	-0.82	-0.78	3.61	0.50	-0.17	58.00
343.00	0.20	309.20	342.97	-0.67	-0.62	3.88	1.37	-0.82	61.00
407.00	0.40	325.20	406.97	-0.41	-0.37	3.67	0.34	0.31	64.00
471.00	0.30	270.50	470.97	-0.22	-0.18	3.37	0.52	-0.16	64.00
535.00	0.50	34.00	534.97	0.01	0.05	3.36	1.11	0.31	64.00
599.00	1.60	51.40	598.95	0.79	0.84	4.22	1.77	1.72	64.00
663.00	2.40	69.90	662.92	1.79	1.86	6.17	1.59	1.25	64.00
727.00	3.40	78.20	726.83	2.60	2.71	9.29	1.69	1.56	64.00
790.00	4.20	84.00	789.69	3.17	3.33	13.41	1.41	1.27	63.00
854.00	4.30	90.00	853.52	3.36	3.58	18.14	0.71	0.16	64.00
918.00	4.80	95.80	917.32	3.03	3.31	23.21	1.06	0.78	64.00
980.00	5.60	96.20	979.06	2.38	2.72	28.80	1.29	1.29	62.00
1044.00	6.70	91.70	1042.69	1.85	2.27	35.63	1.88	1.72	64.00
1109.00	7.90	91.40	1107.16	1.53	2.05	43.89	1.85	1.85	65.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
1155.00	8.50	90.50	1152.69	1.35	1.94	50.45	1.33	1.30	46.00
1278.00	9.18	91.40	1274.23	0.81	1.62	69.34	0.56	0.55	123.00
1373.00	8.91	93.40	1368.05	0.01	1.00	84.26	0.43	-0.28	95.00
1467.00	8.08	93.03	1461.02	-0.93	0.22	98.13	0.88	-0.88	94.00
1562.00	7.68	93.10	1555.12	-1.78	-0.48	111.14	0.43	-0.43	95.00
1656.00	9.28	91.21	1648.09	-2.44	-0.98	124.99	1.73	1.70	94.00
1751.00	8.21	87.37	1741.99	-2.46	-0.83	139.42	1.28	-1.13	95.00
1845.00	8.25	96.21	1835.02	-3.04	-1.25	152.83	1.35	0.04	94.00
1940.00	10.26	96.39	1928.78	-4.89	-2.93	168.02	2.12	2.12	95.00
2034.00	10.09	95.27	2021.30	-6.78	-4.62	184.54	0.28	-0.19	94.00
2128.00	9.79	94.28	2113.89	-8.32	-5.97	200.71	0.36	-0.31	94.00
2222.00	9.01	93.82	2206.63	-9.58	-7.06	216.03	0.83	-0.83	94.00
2317.00	8.63	92.76	2300.50	-10.59	-7.90	230.57	0.44	-0.41	95.00
2411.00	7.54	94.38	2393.57	-11.56	-8.71	243.76	1.18	-1.16	94.00
2506.00	8.16	100.12	2487.68	-13.37	-10.37	256.61	1.05	0.65	95.00
2601.00	9.17	97.38	2581.59	-15.69	-12.52	270.76	1.15	1.07	95.00
2695.00	8.44	97.94	2674.48	-17.77	-14.44	285.02	0.79	-0.78	94.00
2790.00	9.10	98.24	2768.37	-19.98	-16.48	299.36	0.70	0.70	95.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
2884.00	8.75	97.89	2861.23	-22.20	-18.53	313.81	0.38	-0.37	94.00
2978.00	8.04	99.47	2954.23	-24.42	-20.59	327.38	0.80	-0.76	94.00
3073.00	8.88	93.61	3048.19	-26.13	-22.14	341.24	1.26	0.88	95.00
3167.00	7.36	93.21	3141.25	-27.08	-22.94	354.49	1.62	-1.62	94.00
3262.00	8.17	92.41	3235.38	-27.86	-23.56	367.31	0.87	0.86	95.00
3356.00	8.37	93.20	3328.40	-28.68	-24.23	380.82	0.24	0.20	94.00
3451.00	8.44	89.42	3422.38	-29.16	-24.54	394.69	0.59	0.08	95.00
3545.00	9.47	81.52	3515.24	-28.12	-23.33	409.23	1.71	1.10	94.00
3640.00	8.50	92.11	3609.08	-27.39	-22.44	423.98	2.01	-1.02	95.00
3734.00	9.98	92.28	3701.85	-28.15	-23.02	439.06	1.57	1.57	94.00
3829.00	10.56	97.87	3795.33	-29.87	-24.54	455.92	1.21	0.61	95.00
3923.00	9.75	93.75	3887.86	-31.76	-26.24	472.40	1.16	-0.86	94.00
4017.00	10.33	103.44	3980.43	-34.43	-28.72	488.54	1.90	0.61	94.00
4112.00	9.63	101.38	4073.99	-38.17	-32.27	504.62	0.83	-0.74	95.00
4206.00	8.62	100.13	4166.80	-41.13	-35.06	519.26	1.10	-1.08	94.00
4301.00	8.26	101.87	4260.77	-43.95	-37.72	532.95	0.46	-0.37	95.00
4395.00	6.28	107.90	4354.01	-47.05	-40.69	544.46	2.26	-2.11	94.00
4490.00	6.45	111.08	4448.42	-50.68	-44.20	554.38	0.41	0.18	95.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
4584.00	4.53	105.39	4541.99	-53.67	-47.09	562.89	2.12	-2.04	94.00
4678.00	3.06	109.36	4635.78	-55.55	-48.90	568.84	1.59	-1.57	94.00
4773.00	1.21	112.67	4730.71	-56.82	-50.13	572.15	1.95	-1.94	95.00
4867.00	0.95	123.84	4824.69	-57.65	-50.95	573.72	0.36	-0.28	94.00
4962.00	1.30	137.38	4919.68	-58.90	-52.18	575.10	0.47	0.38	95.00
5056.00	0.61	77.68	5013.66	-59.60	-52.86	576.31	1.20	-0.74	94.00
5151.00	0.72	74.92	5108.66	-59.35	-52.60	577.38	0.12	0.12	95.00
5245.00	0.59	37.96	5202.65	-58.82	-52.07	578.24	0.46	-0.14	94.00
5340.00	0.67	345.26	5297.65	-57.90	-51.14	578.40	0.59	0.09	95.00
5434.00	0.85	345.40	5391.64	-56.69	-49.94	578.08	0.19	0.19	94.00
5529.00	0.62	357.41	5486.63	-55.50	-48.75	577.88	0.29	-0.24	95.00
5624.00	0.89	17.25	5581.62	-54.28	-47.53	578.08	0.40	0.29	95.00
5718.00	0.96	26.92	5675.61	-52.89	-46.13	578.65	0.18	0.07	94.00
5813.00	0.60	34.02	5770.60	-51.78	-45.01	579.29	0.39	-0.38	95.00
5907.00	0.36	43.33	5864.60	-51.16	-44.39	579.77	0.26	-0.25	94.00
6002.00	0.51	210.34	5959.60	-51.31	-44.53	579.76	0.91	0.15	95.00
6097.00	1.02	311.46	6054.59	-51.10	-44.33	578.91	1.29	0.55	95.00
6191.00	2.01	312.59	6148.56	-49.40	-42.66	577.07	1.05	1.05	94.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
6286.00	1.92	269.12	6243.51	-48.26	-41.55	574.25	1.54	-0.10	95.00
6380.00	0.27	331.33	6337.49	-48.07	-41.38	572.57	1.92	-1.75	94.00
6475.00	1.71	338.49	6432.47	-46.55	-39.87	571.94	1.52	1.51	95.00
6569.00	8.75	357.82	6526.02	-38.09	-31.41	571.16	7.61	7.49	94.00
6663.00	14.19	359.06	6618.11	-19.41	-12.74	570.69	5.80	5.79	94.00
6758.00	22.72	353.68	6708.15	10.55	17.20	568.48	9.15	8.98	95.00
6852.00	29.86	354.58	6792.37	52.00	58.60	564.26	7.61	7.59	94.00
6947.00	36.56	357.30	6871.81	103.91	110.47	560.69	7.22	7.05	95.00
7042.00	44.50	0.89	6943.97	165.57	172.13	559.87	8.70	8.35	95.00
7136.00	49.69	2.67	7007.95	234.33	240.91	562.06	5.69	5.52	94.00
7230.00	58.16	8.73	7063.28	309.68	316.36	569.81	10.41	9.02	94.00
7325.00	67.54	0.92	7106.64	393.66	400.43	576.67	12.27	9.87	95.00
7419.00	83.47	357.42	7130.11	484.35	491.11	575.26	17.32	16.95	94.00
7514.00	88.09	358.24	7137.10	579.04	585.76	571.67	4.94	4.86	95.00
7608.00	86.94	0.91	7141.18	672.94	679.66	570.97	3.09	-1.22	94.00
7703.00	89.06	1.69	7144.50	767.82	774.57	573.13	2.38	2.23	95.00
7798.00	90.17	1.50	7145.14	862.74	869.53	575.78	1.19	1.17	95.00
7892.00	91.31	1.56	7143.92	956.66	963.49	578.29	1.22	1.22	94.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
7987.00	90.30	0.02	7142.58	1051.62	1058.47	579.60	1.94	-1.06	95.00
8081.00	91.04	359.29	7141.48	1145.61	1152.46	579.04	1.10	0.79	94.00
8175.00	90.34	0.23	7140.35	1239.60	1246.45	578.65	1.25	-0.75	94.00
8270.00	87.28	359.21	7142.33	1334.56	1341.41	578.18	3.39	-3.22	95.00
8364.00	86.64	358.04	7147.32	1428.42	1435.25	575.93	1.42	-0.68	94.00
8459.00	89.36	356.58	7150.63	1523.29	1530.08	571.47	3.25	2.87	95.00
8553.00	90.94	357.33	7150.39	1617.21	1623.94	566.47	1.86	1.68	94.00
8648.00	90.77	358.41	7148.97	1712.16	1718.86	562.94	1.15	-0.18	95.00
8742.00	90.03	359.14	7148.31	1806.15	1812.84	560.93	1.10	-0.79	94.00
8837.00	90.60	358.19	7147.78	1901.15	1907.81	558.71	1.16	0.60	95.00
8931.00	90.10	358.72	7147.20	1995.13	2001.77	556.18	0.78	-0.54	94.00
9026.00	91.61	358.63	7145.78	2090.11	2096.73	553.99	1.59	1.59	95.00
9121.00	90.67	358.97	7143.89	2185.09	2191.69	552.00	1.05	-0.99	95.00
9215.00	89.43	359.97	7143.80	2279.09	2285.69	551.13	1.69	-1.32	94.00
9310.00	91.08	0.49	7143.39	2374.07	2380.68	551.50	1.82	1.73	95.00
9404.00	89.53	1.59	7142.89	2468.02	2474.66	553.21	2.02	-1.64	94.00
9499.00	86.10	359.06	7146.51	2562.92	2569.57	553.75	4.48	-3.61	95.00
9593.00	88.56	358.84	7150.89	2656.80	2663.44	552.04	2.62	2.61	94.00

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS °/100ft	Build Rate °/100ft	Course Length ft
9688.00	89.50	359.11	7152.51	2751.79	2758.41	550.35	1.03	0.99	95.00
9782.00	90.64	359.85	7152.40	2845.79	2852.41	549.50	1.45	1.22	94.00
9877.00	89.46	359.37	7152.31	2940.78	2947.40	548.86	1.34	-1.24	95.00
9971.00	89.66	358.54	7153.03	3034.78	3041.38	547.14	0.91	0.21	94.00
10066.00	90.00	357.22	7153.31	3129.74	3136.31	543.63	1.43	0.35	95.00
10160.00	88.42	359.16	7154.60	3223.71	3230.25	540.66	2.65	-1.68	94.00
10255.00	90.34	357.48	7155.63	3318.68	3325.20	537.87	2.68	2.02	95.00
10349.00	91.91	358.52	7153.79	3412.63	3419.12	534.59	2.01	1.68	94.00
10444.00	91.75	359.96	7150.75	3507.58	3514.06	533.34	1.52	-0.18	95.00
10538.00	90.50	0.16	7148.91	3601.55	3608.04	533.43	1.34	-1.32	94.00
10633.00	89.40	0.14	7148.99	3696.54	3703.04	533.68	1.17	-1.17	95.00
10727.00	90.03	0.02	7149.46	3790.53	3797.03	533.81	0.69	0.68	94.00
10821.00	88.73	359.90	7150.48	3884.52	3891.03	533.75	1.40	-1.39	94.00
10916.00	89.40	0.31	7152.04	3979.50	3986.01	533.92	0.83	0.71	95.00
11010.00	89.97	359.49	7152.56	4073.49	4080.01	533.75	1.06	0.61	94.00
11105.00	90.37	359.42	7152.28	4168.49	4175.01	532.85	0.43	0.42	95.00
11199.00	91.31	359.23	7150.90	4262.48	4268.99	531.75	1.02	1.00	94.00
11294.00	89.80	357.50	7149.99	4357.45	4363.94	529.04	2.42	-1.59	95.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Build Rate	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	°/100ft	ft
11388.00	89.73	357.84	7150.37	4451.41	4457.86	525.22	0.37	-0.07	94.00
11483.00	89.66	358.53	7150.87	4546.39	4552.81	522.21	0.73	-0.07	95.00
11577.00	87.08	357.15	7153.54	4640.31	4646.70	518.67	3.12	-2.75	94.00
11672.00	89.43	357.92	7156.44	4735.21	4741.56	514.58	2.60	2.47	95.00
11766.00	88.29	357.43	7158.31	4829.15	4835.46	510.76	1.32	-1.21	94.00
11955.00	90.27	0.25	7160.69	5018.10	5024.38	506.95	1.82	1.05	189.00
12050.00	91.88	359.97	7158.91	5113.08	5119.36	507.14	1.72	1.69	95.00
12144.00	91.17	359.87	7156.40	5207.04	5213.32	507.00	0.76	-0.75	94.00
12239.00	90.13	358.16	7155.32	5302.02	5308.30	505.37	2.11	-1.10	95.00
12333.00	90.87	357.02	7154.49	5395.98	5402.21	501.41	1.45	0.79	94.00
12428.00	90.07	357.27	7153.71	5490.90	5497.09	496.68	0.89	-0.85	95.00
12522.00	91.54	356.90	7152.39	5584.82	5590.95	491.90	1.62	1.57	94.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Build Rate	Course Length
ft	deg	deg	ft	ft	ft	ft	°/100ft	°/100ft	ft

5" = 100' FEET MD