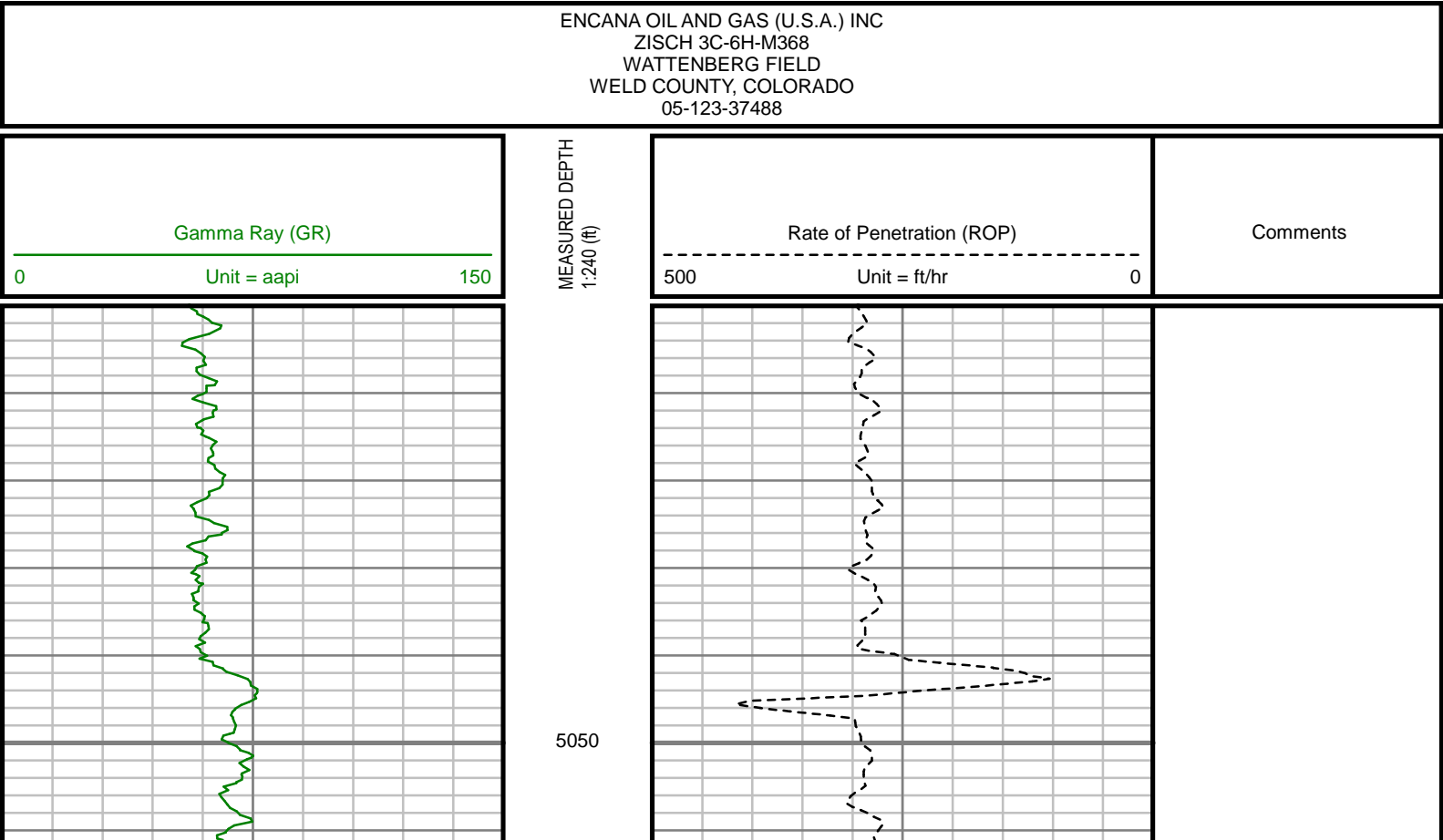
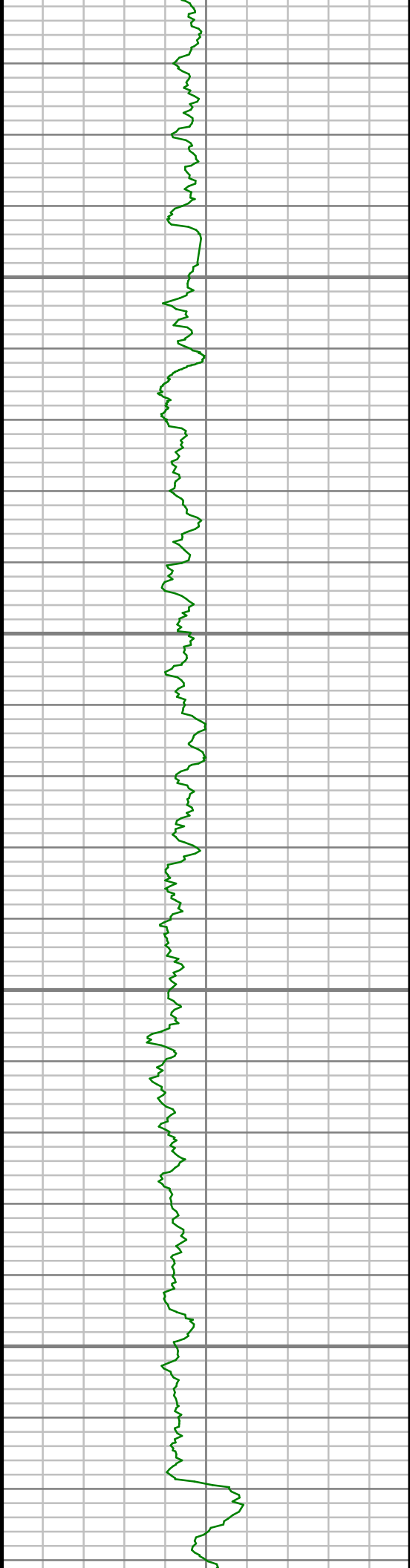




Remarks
ENCANA OIL AND GAS (U.S.A.) INC PRODUCTION AFE# 13178945
SCIENTIFIC DRILLING INTERNATIONAL JOB# 164210
ALL REFERENCES IN THE DEPTH TRACK ARE AT BIT DEPTH.
ALL DATA IS MEMORY DATA UNLESS STATED OTHERWISE.
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO GAMMA RAY CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO RATE OF PENETRATION CURVE
RUN #1: MWD / DIRECTIONAL RUN
SENSORS S/N: CONT = 1011 / MWD EYE = 862
BIT TO SENSOR OFFSET: SURVEY = 59.08 FT.
RUN #2: MWD / GAMMA RAY / PROPAGATION RESISTIVITY LOGGING RUN
SENSORS S/N: PULSER = 128-328 / CONT = 831 / MWD EYE = 429 / PRT = 352 / GAMMA RAY = 1074
BIT TO SENSOR OFFSETS: SURVEY = 63.03 FT. / RESISTIVITY = 47.07 FT. / GAMMA RAY = 41.33 FT.
RUN #3: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 78-042 / CONT = 114 / MWD EYE = 862 / GAMMA RAY = 1035
BIT TO SENSOR OFFSETS: SURVEY = 67.09 FT. / GAMMA RAY = 53.11 FT.
MNEMONICS LIST:
GR = GAMMA RAY
ROP = RATE OF PENETRATION

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.



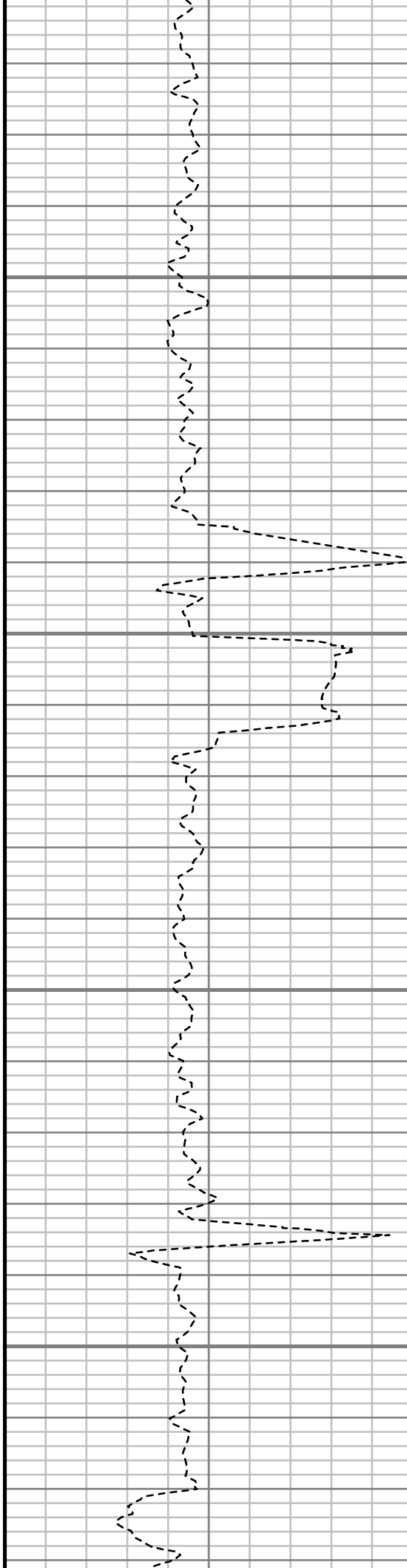


5100

5150

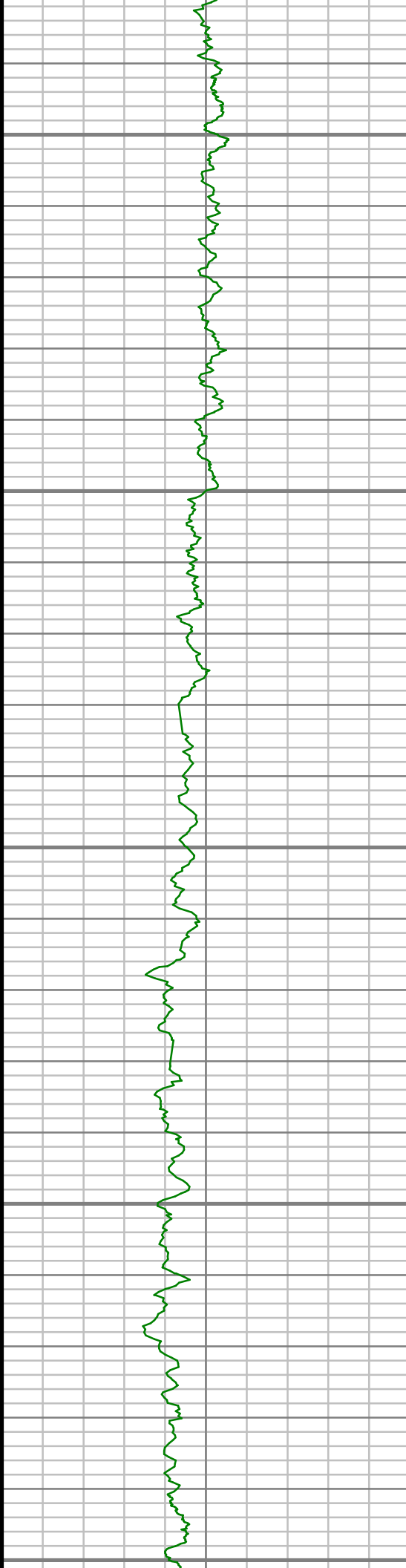
5200

5250



S: 31 MD: 5074.00 ft Inc: 4.96  
deg Az: 285.46 deg TVD:  
5048.52 ft

S: 32 MD: 5265.00 ft Inc: 5.20  
deg Az: 283.62 deg TVD:  
5238.77 ft



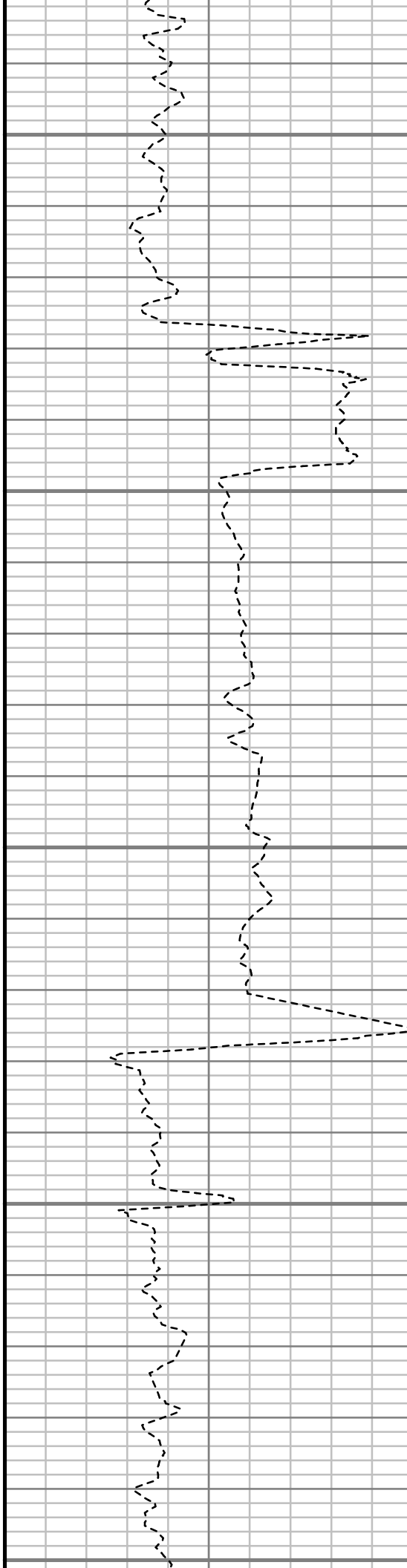
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5350

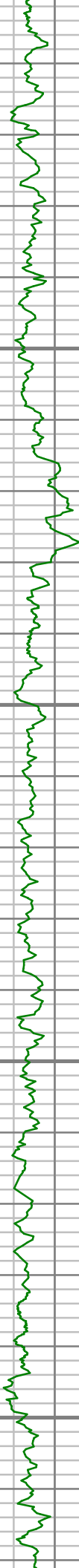
5400

5450

5500



S: 33 MD: 5455.00 ft Inc: 5.34  
deg Az: 265.55 deg TVD:  
5427.98 ft

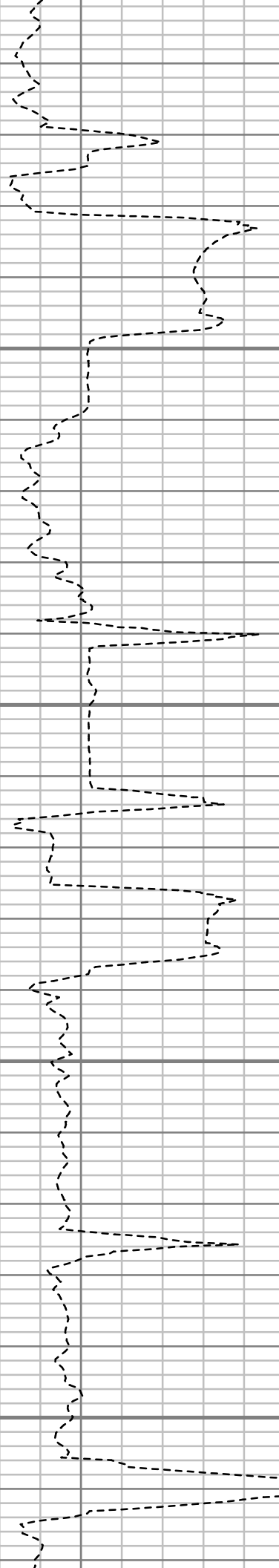


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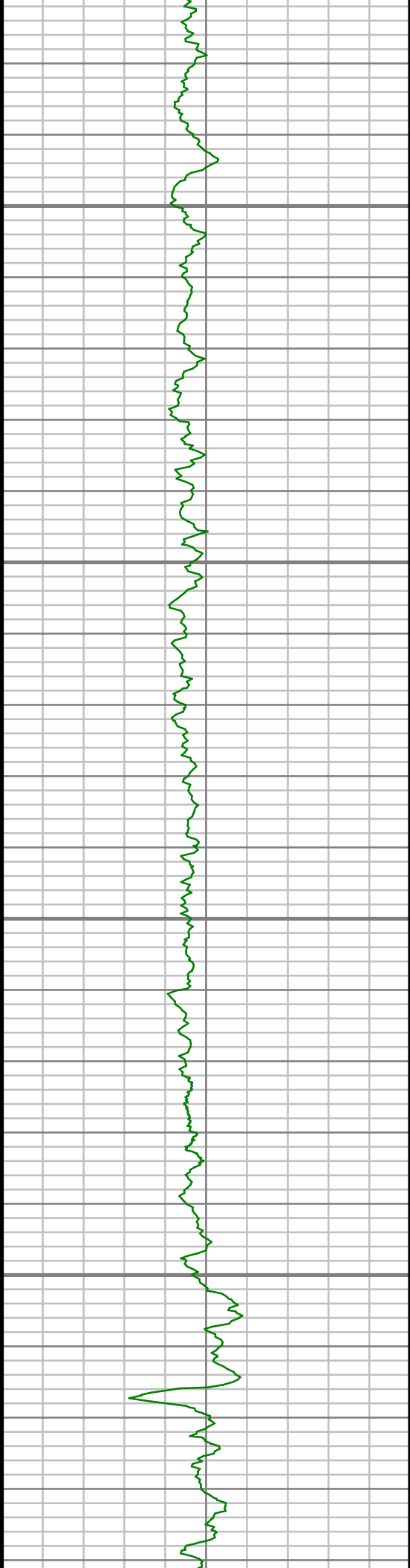
5600

5650

5700



S: 34 MD: 5645.00 ft Inc: 6.16  
deg Az: 276.89 deg TVD:  
5617.03 ft

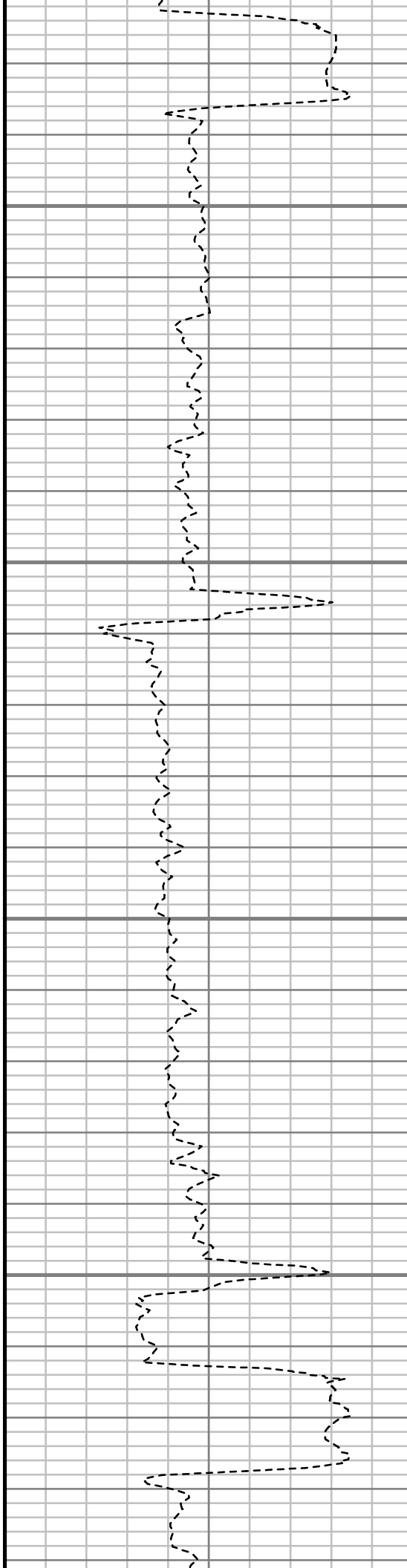


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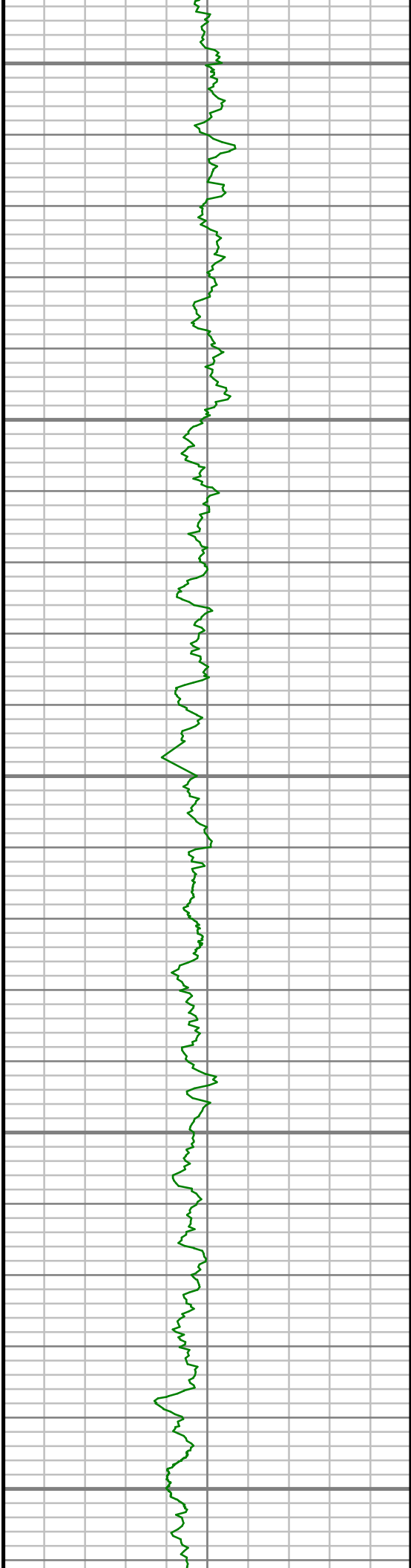
5800

5850

5900



S: 35 MD: 5836.00 ft Inc: 5.79  
deg Az: 280.48 deg TVD:  
5806.99 ft



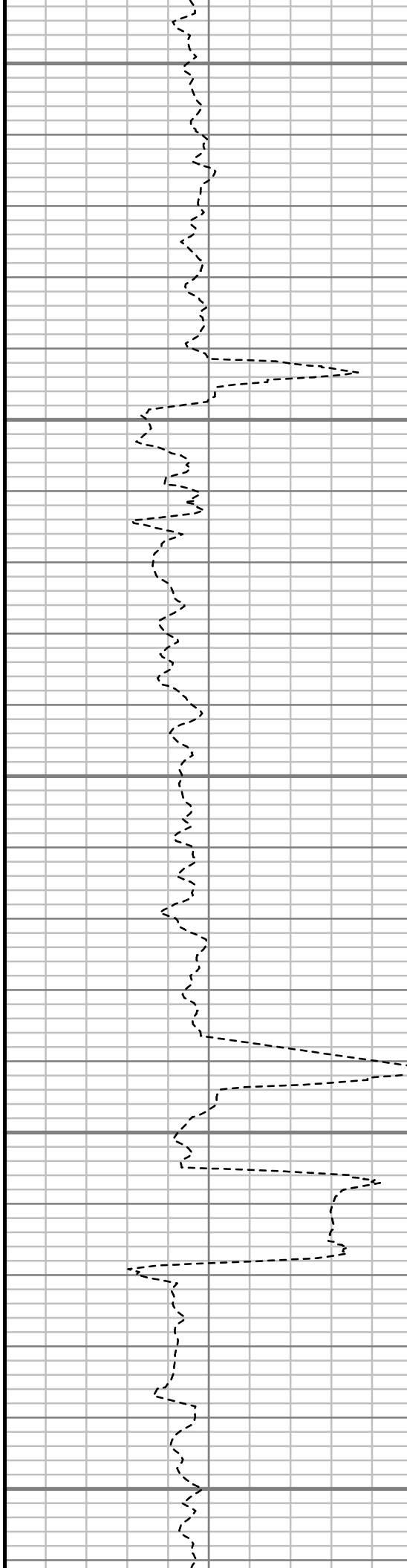
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6000

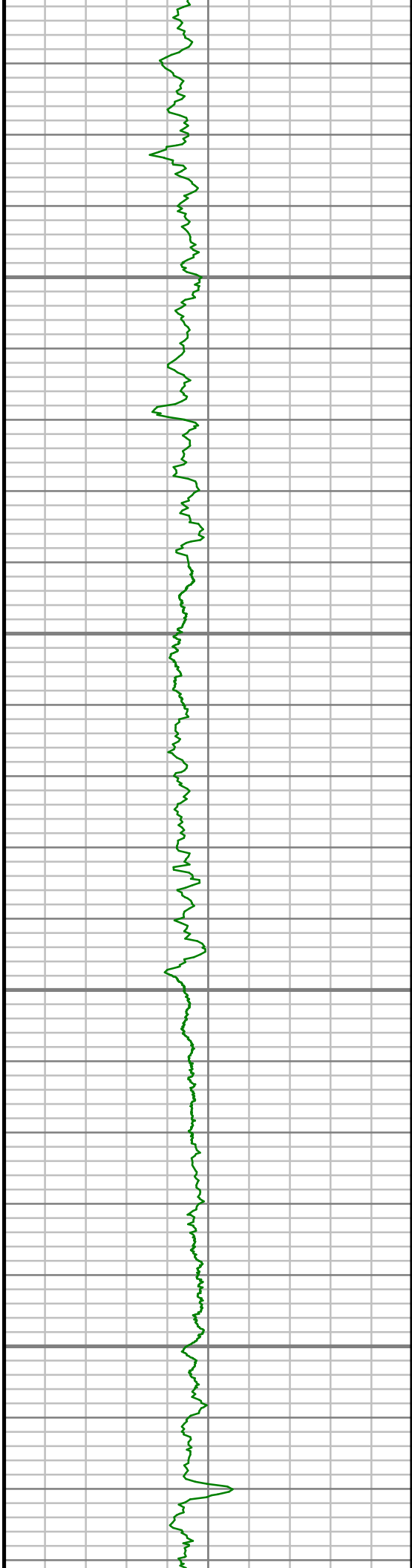
6050

6100

6150



S: 36 MD: 6026.00 ft Inc: 5.01  
deg Az: 277.14 deg TVD:  
5996.15 ft

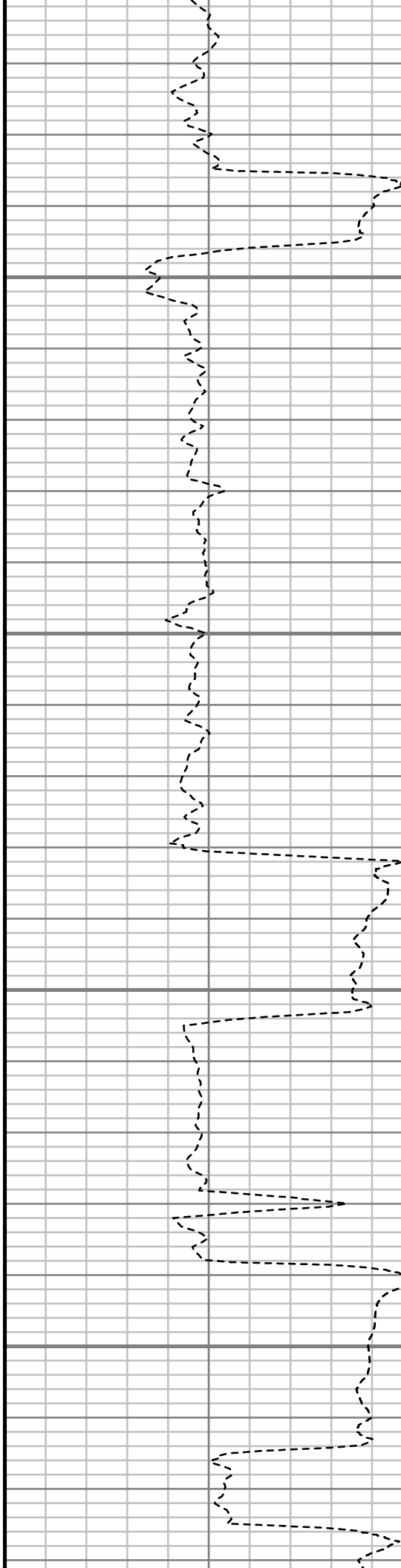


6200

6250

6300

6350



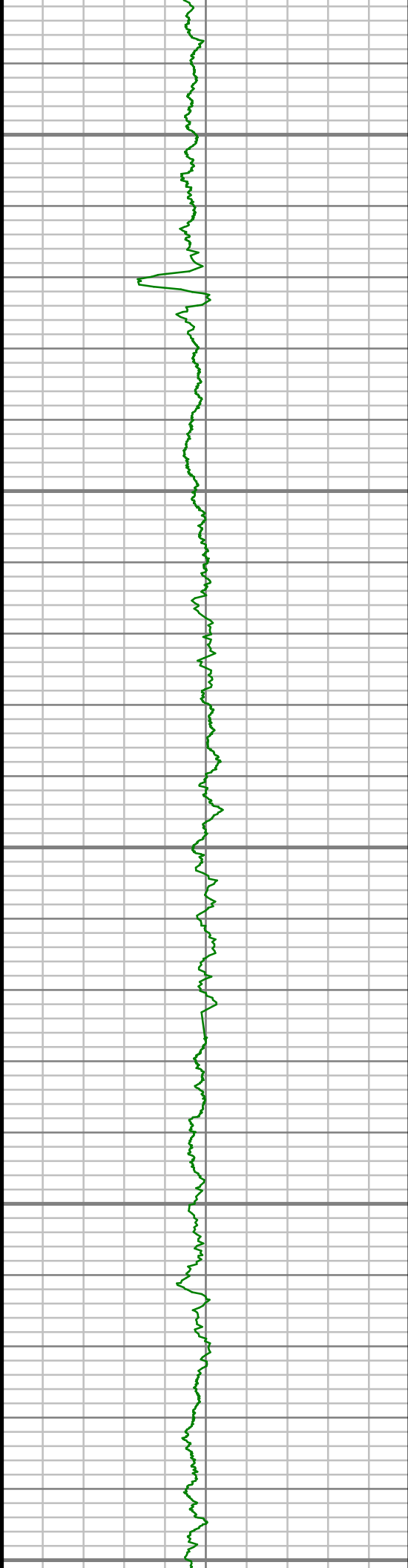
S: 37 MD: 6217.00 ft Inc: 5.29  
deg Az: 299.39 deg TVD:  
6186.40 ft

S: 38 MD: 6264.00 ft Inc: 5.04  
deg Az: 297.41 deg TVD:  
6233.21 ft

S: 39 MD: 6312.00 ft Inc: 4.62  
deg Az: 327.59 deg TVD:  
6281.04 ft

S: 40 MD: 6359.00 ft Inc: 6.59  
deg Az: 353.11 deg TVD:  
6327.82 ft





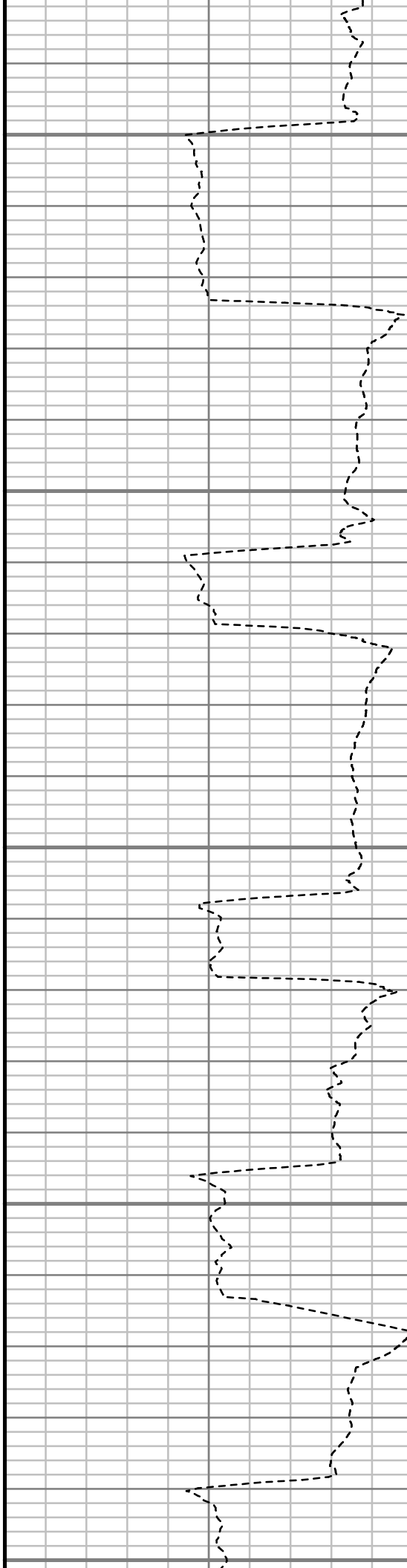
6400

6450

6500

6550

6600



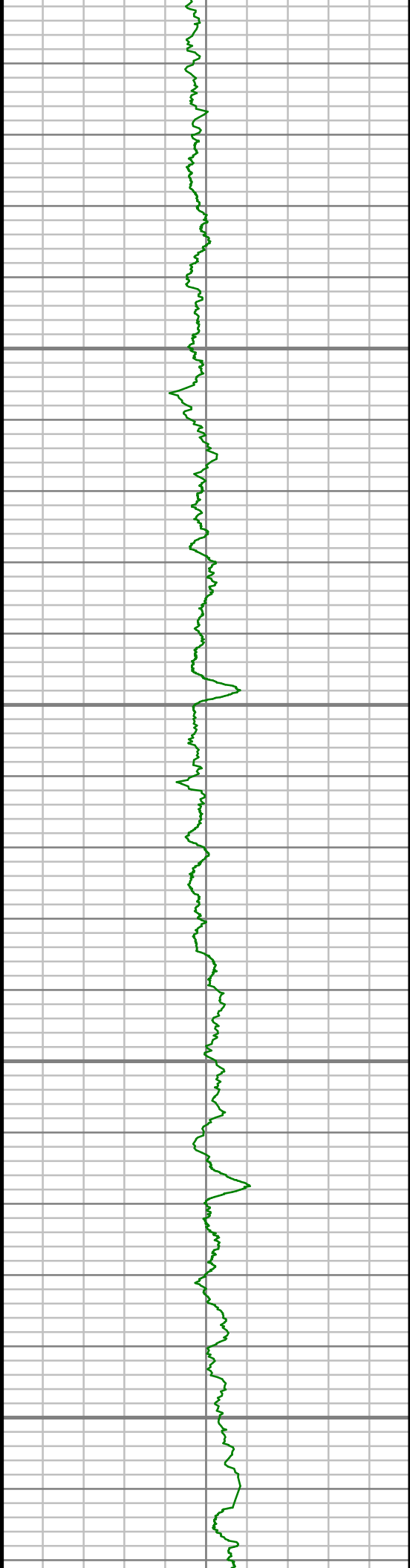
S: 41 MD: 6407.00 ft Inc: 9.12  
deg Az: 7.97 deg TVD: 6375.37  
ft

S: 42 MD: 6454.00 ft Inc: 10.66  
deg Az: 35.03 deg TVD:  
6421.70 ft

S: 43 MD: 6503.00 ft Inc: 12.67  
deg Az: 65.00 deg TVD:  
6469.73 ft

S: 44 MD: 6550.00 ft Inc: 15.43  
deg Az: 76.62 deg TVD:  
6515.33 ft

S: 45 MD: 6598.00 ft Inc: 17.53  
deg Az: 82.50 deg TVD:  
6562.83 ft

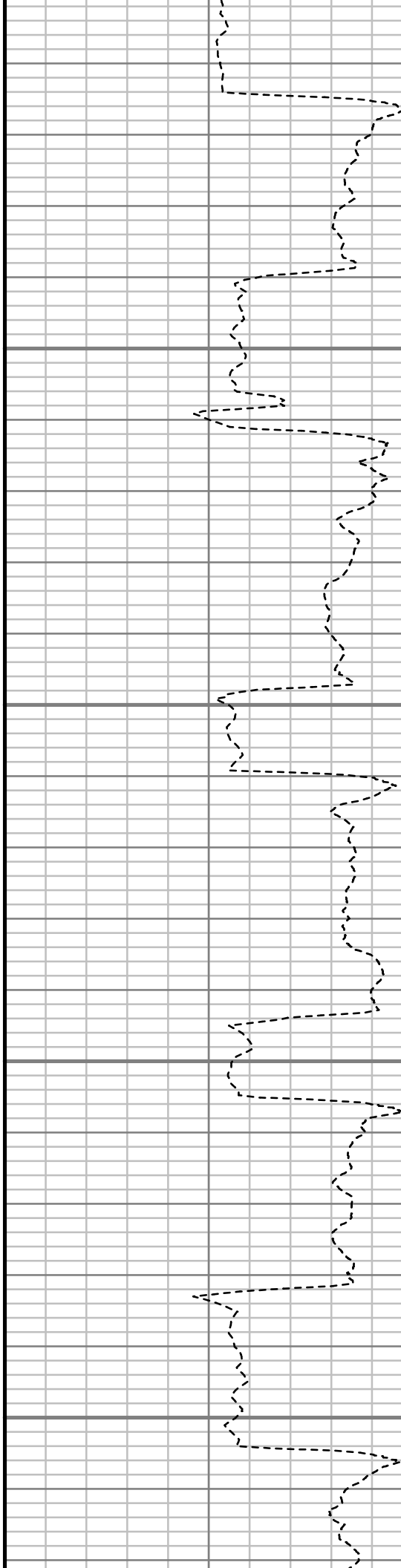


6650

6700

6750

6800



deg Az: 83.68 deg TVD:  
6561.36 ft

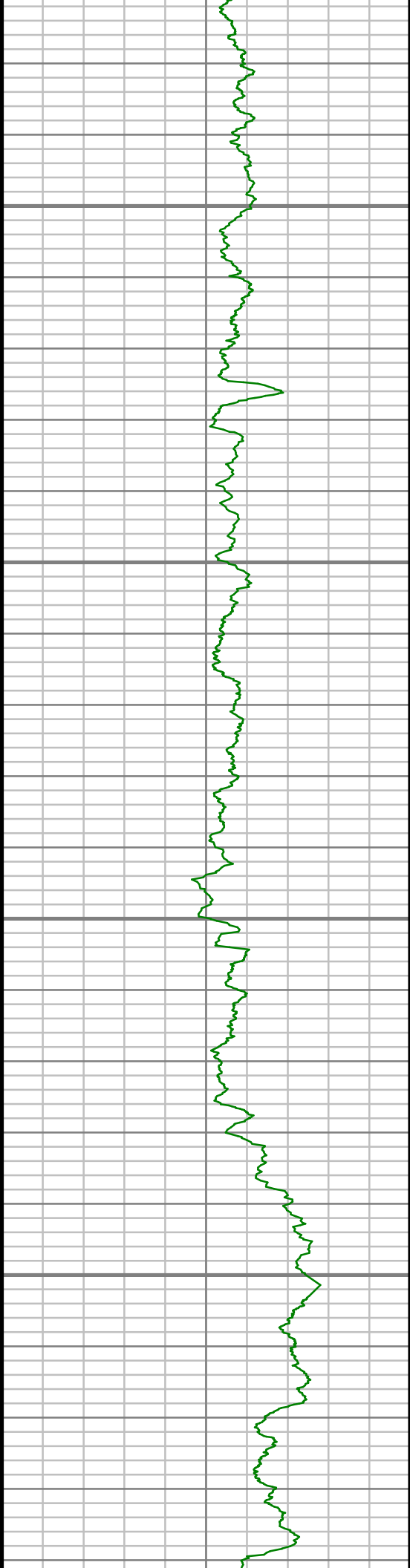
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S: 46 MD: 6645.00 ft Inc: 19.90  
deg Az: 91.59 deg TVD:  
6605.87 ft

S: 47 MD: 6693.00 ft Inc: 24.14  
deg Az: 91.15 deg TVD:  
6650.36 ft

S: 48 MD: 6740.00 ft Inc: 29.82  
deg Az: 87.69 deg TVD:  
6692.23 ft

S: 49 MD: 6789.00 ft Inc: 33.90  
deg Az: 87.80 deg TVD:  
6733.84 ft

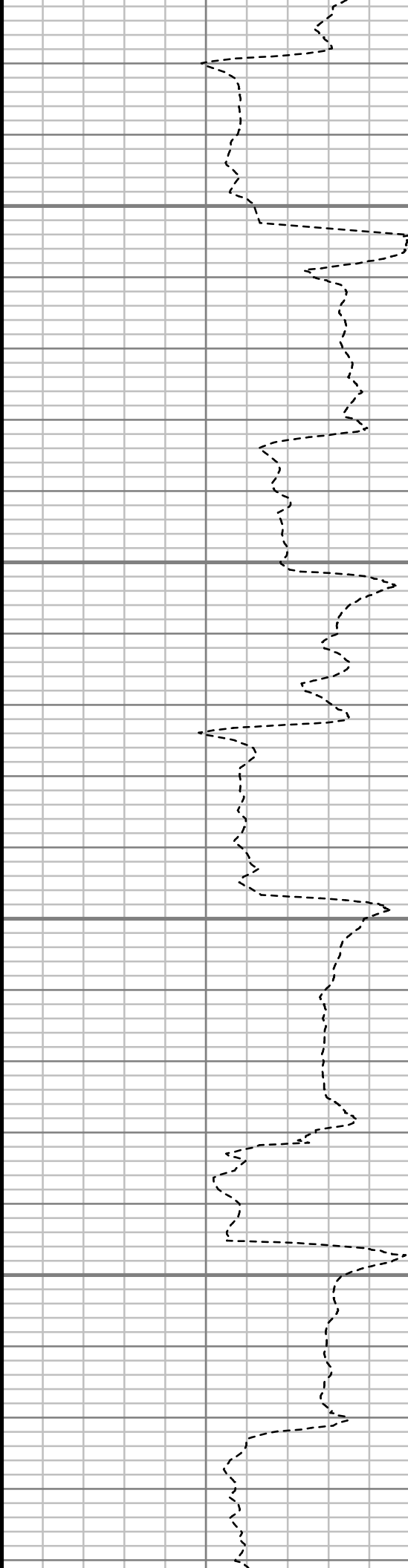


6850

6900

6950

7000



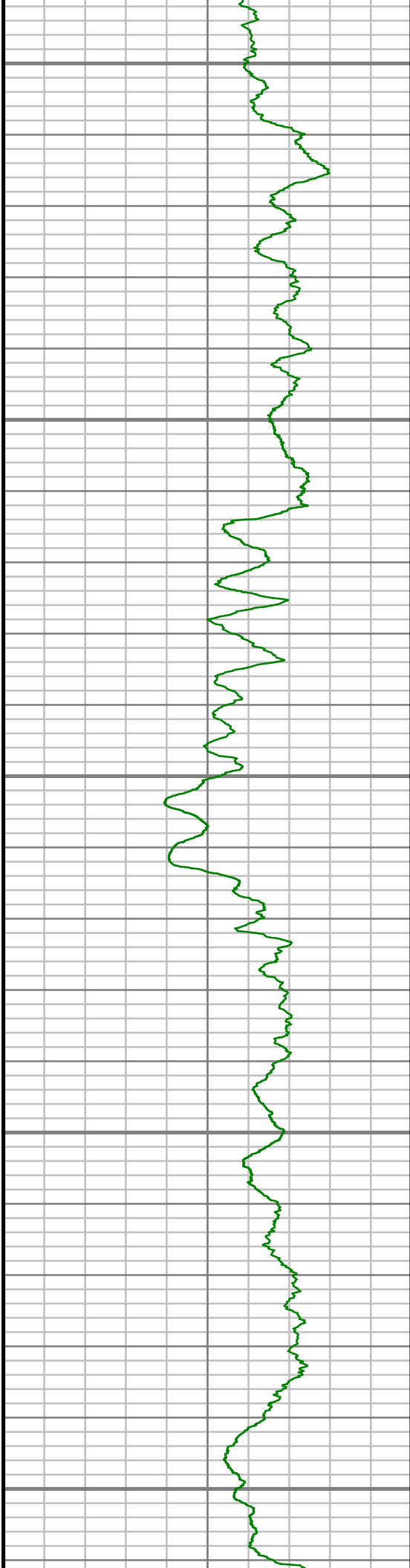
S: 50 MD: 6836.00 ft Inc: 38.04  
deg Az: 88.33 deg TVD:  
6771.88 ft

S: 51 MD: 6884.00 ft Inc: 42.14  
deg Az: 89.27 deg TVD:  
6808.59 ft

S: 52 MD: 6931.00 ft Inc: 45.76  
deg Az: 90.44 deg TVD:  
6842.42 ft

S: 53 MD: 6979.00 ft Inc: 50.25  
deg Az: 91.55 deg TVD:  
6874.53 ft

S: 54 MD: 7026.00 ft Inc: 54.57  
deg Az: 91.76 deg TVD:  
6903.19 ft



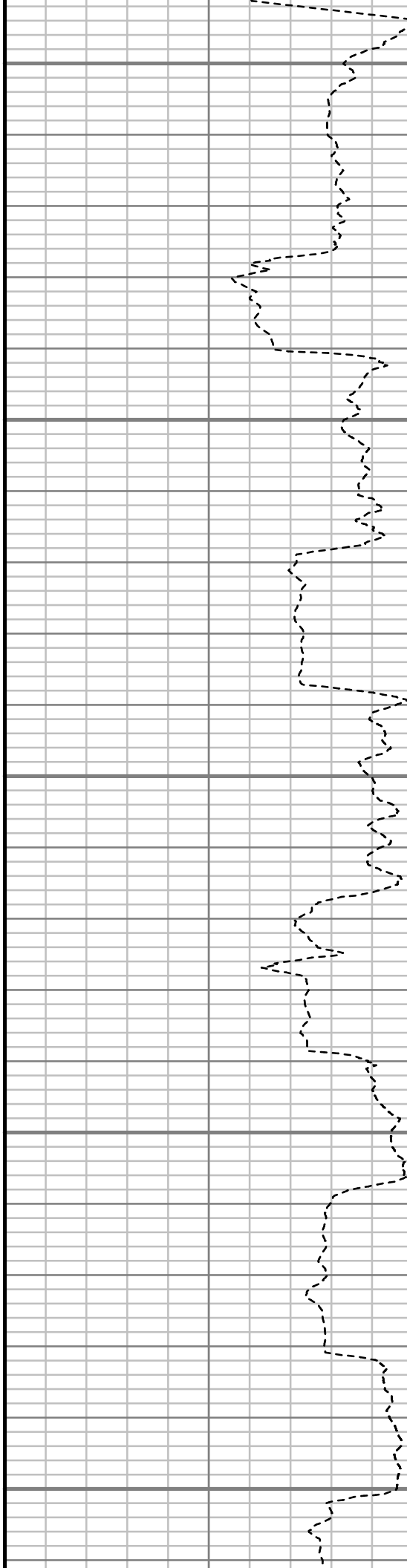
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7100

7150

7200

7250

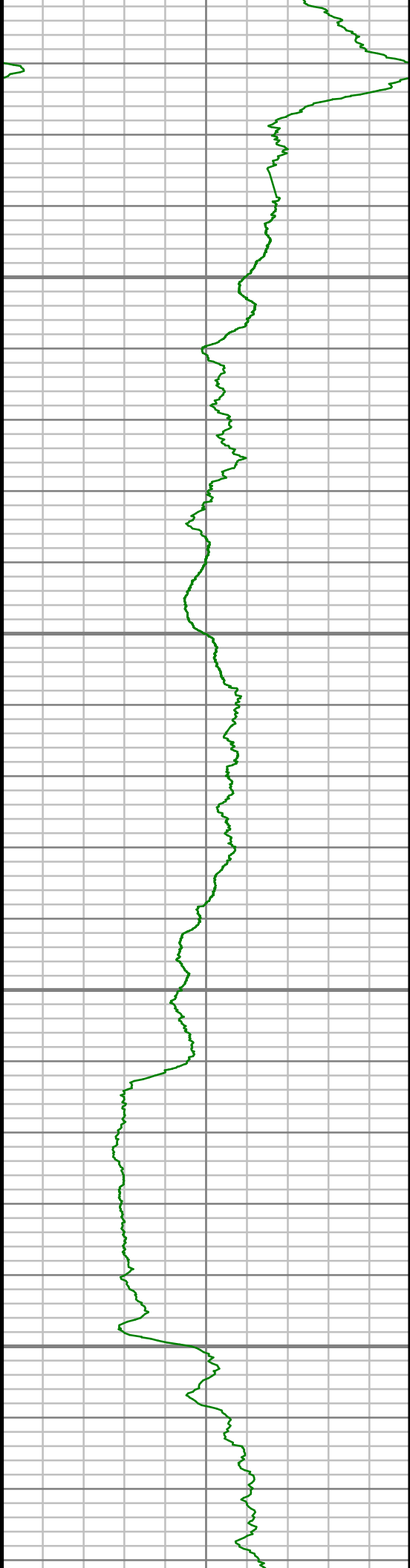


S: 55 MD: 7074.00 ft Inc: 60.03  
deg Az: 90.10 deg TVD:  
6929.12 ft

S: 56 MD: 7121.00 ft Inc: 64.64  
deg Az: 89.42 deg TVD:  
6950.93 ft

S: 57 MD: 7169.00 ft Inc: 68.43  
deg Az: 89.12 deg TVD:  
6970.04 ft

S: 58 MD: 7216.00 ft Inc: 71.35  
deg Az: 88.16 deg TVD:  
6986.20 ft

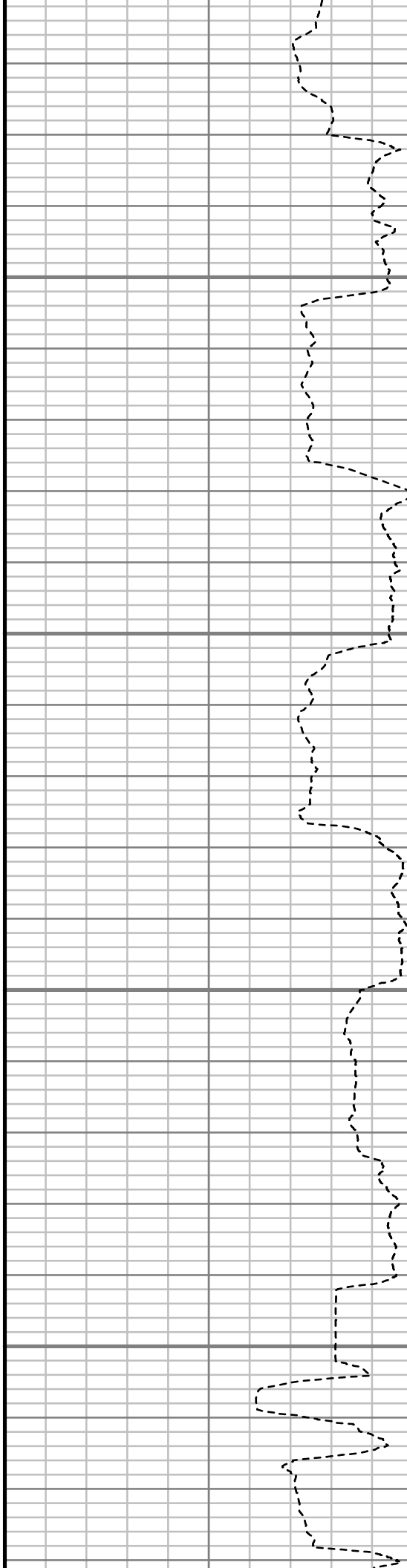


7300

7350

7400

7450



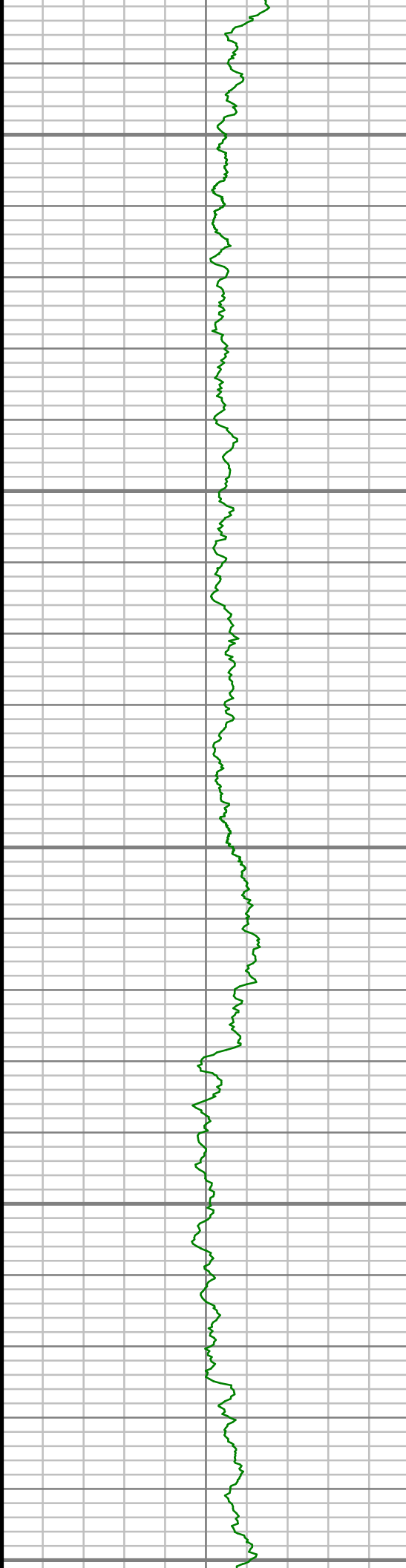
S: 59 MD: 7265.00 ft Inc: 74.54  
deg Az: 88.20 deg TVD:  
7000.57 ft

S: 60 MD: 7312.00 ft Inc: 78.11  
deg Az: 87.47 deg TVD:  
7011.68 ft

S: 61 MD: 7360.00 ft Inc: 81.37  
deg Az: 87.40 deg TVD:  
7020.23 ft

S: 62 MD: 7388.00 ft Inc: 84.22  
deg Az: 87.50 deg TVD:  
7023.74 ft

S: 63 MD: 7479.00 ft Inc: 87.71



7500

7550

7600

7650

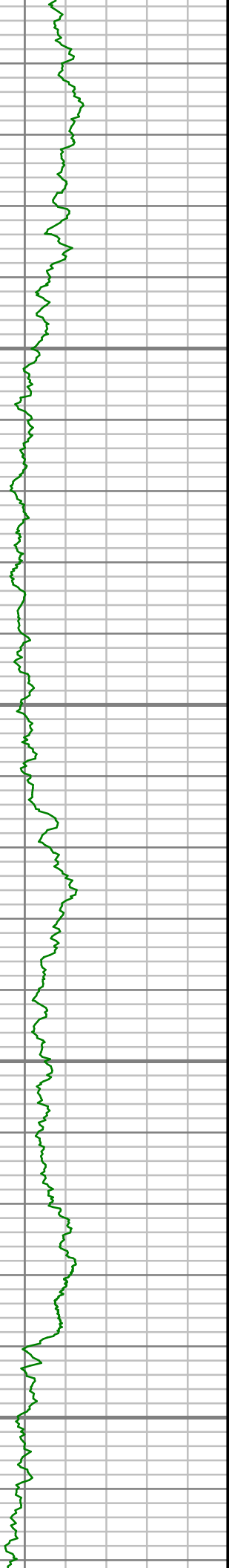
7700



deg Az: 87.69 deg TVD:  
7030.14 ft

S: 64 MD: 7574.00 ft Inc: 88.02  
deg Az: 90.41 deg TVD:  
7033.68 ft

S: 65 MD: 7669.00 ft Inc: 88.99  
deg Az: 92.46 deg TVD:  
7036.15 ft



7750

7800

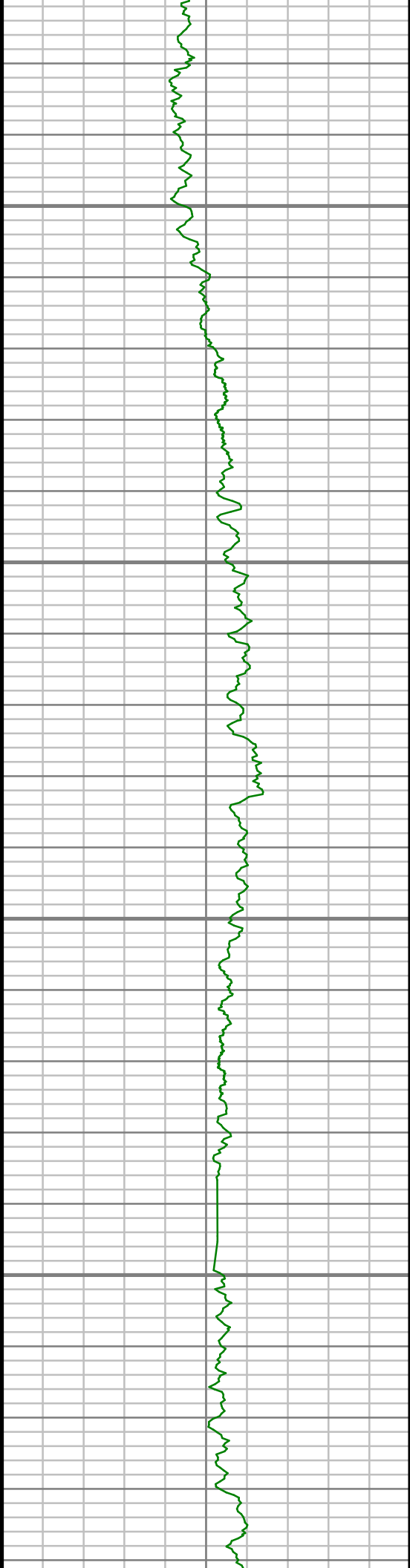
7850

7900

S: 66 MD: 7765.00 ft Inc: 88.22  
deg Az: 92.26 deg TVD:  
7038.49 ft

S: 67 MD: 7860.00 ft Inc: 89.43  
deg Az: 93.53 deg TVD:  
7040.44 ft



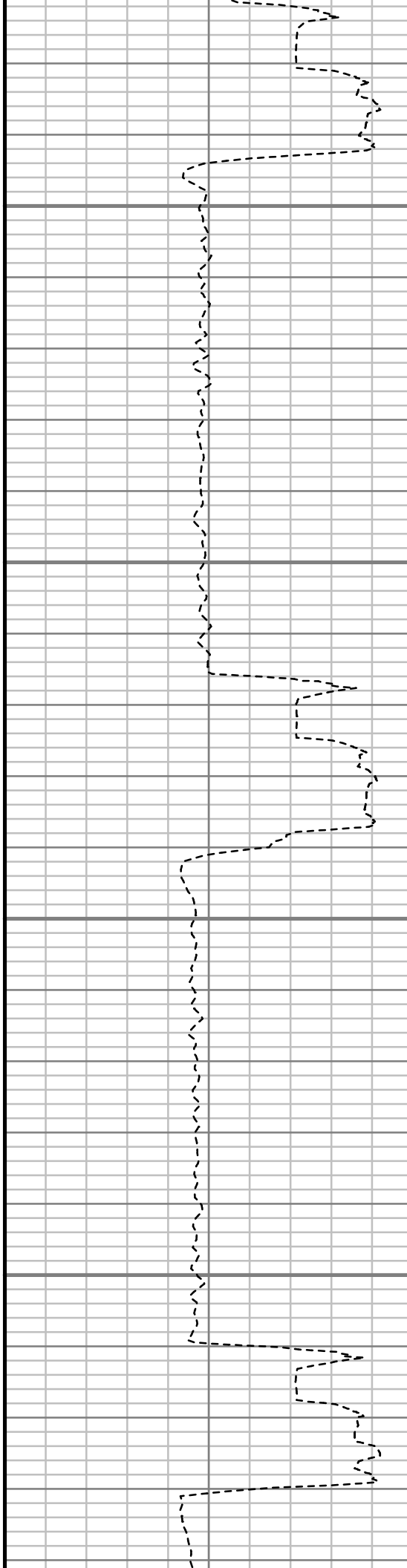


7950

8000

8050

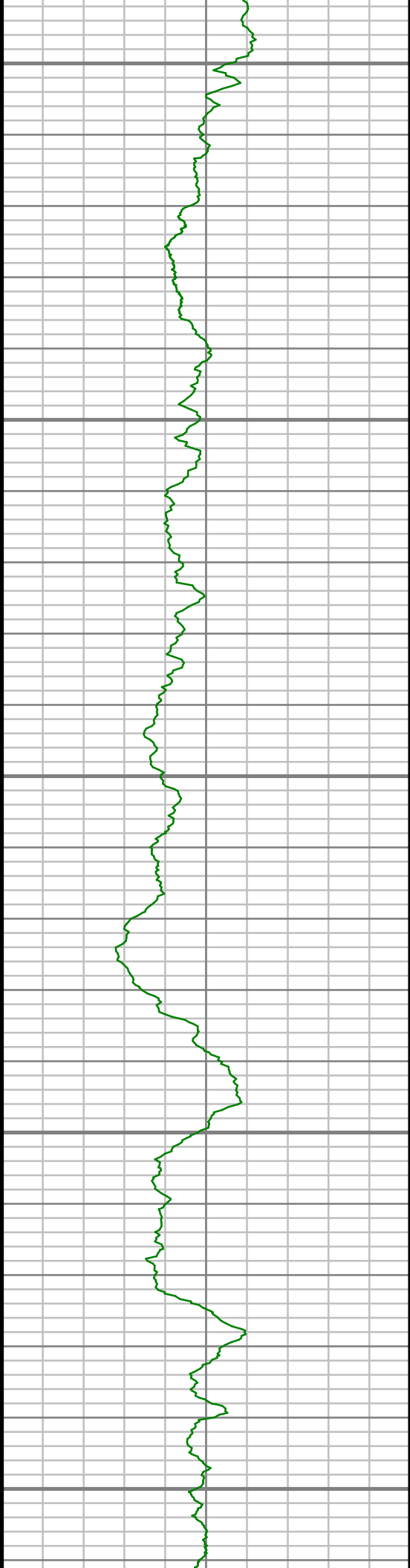
8100



S: 68 MD: 7955.00 ft Inc: 88.15  
deg Az: 92.93 deg TVD:  
7042.45 ft

S: 69 MD: 8051.00 ft Inc: 88.56  
deg Az: 91.87 deg TVD:  
7045.21 ft





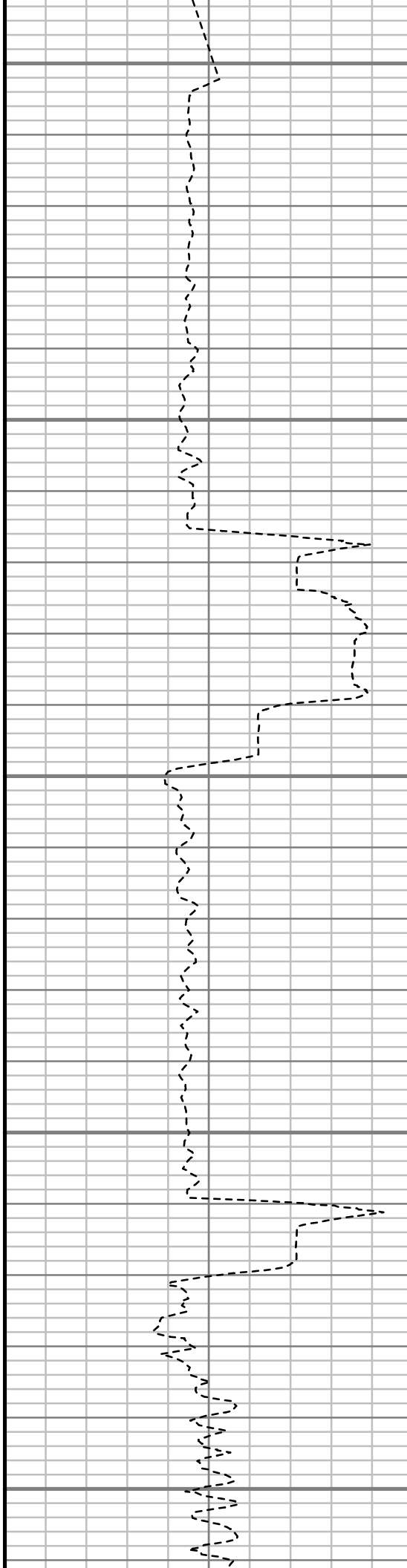
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8200

8250

8300

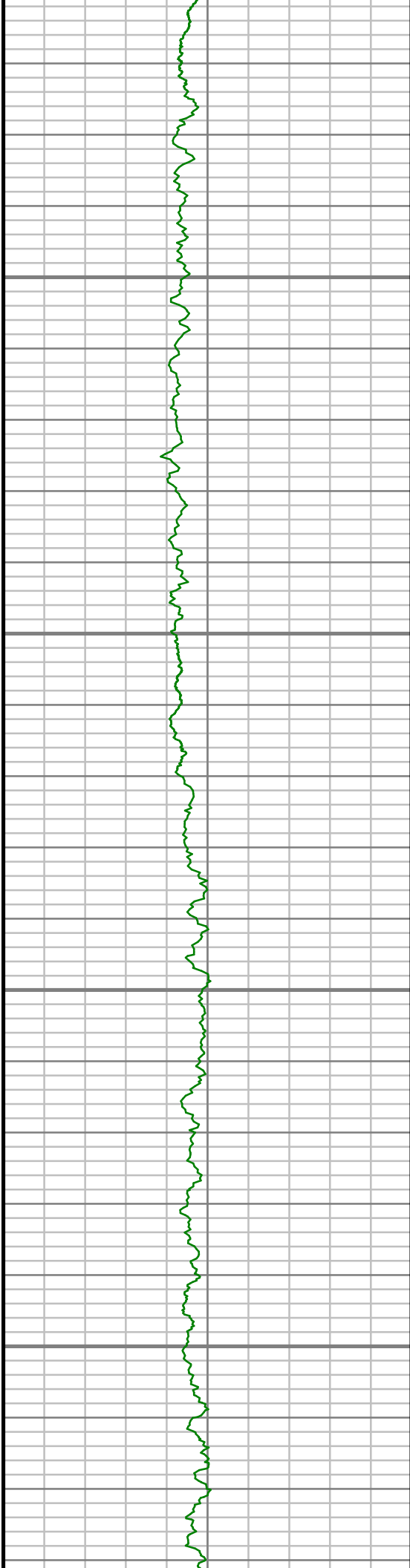
8350



S: 70 MD: 8146.00 ft Inc: 88.96  
deg Az: 91.52 deg TVD:  
7047.27 ft

S: 71 MD: 8241.00 ft Inc: 88.45  
deg Az: 90.88 deg TVD:  
7049.42 ft

S: 72 MD: 8336.00 ft Inc: 88.22  
deg Az: 91.63 deg TVD:  
7052.18 ft

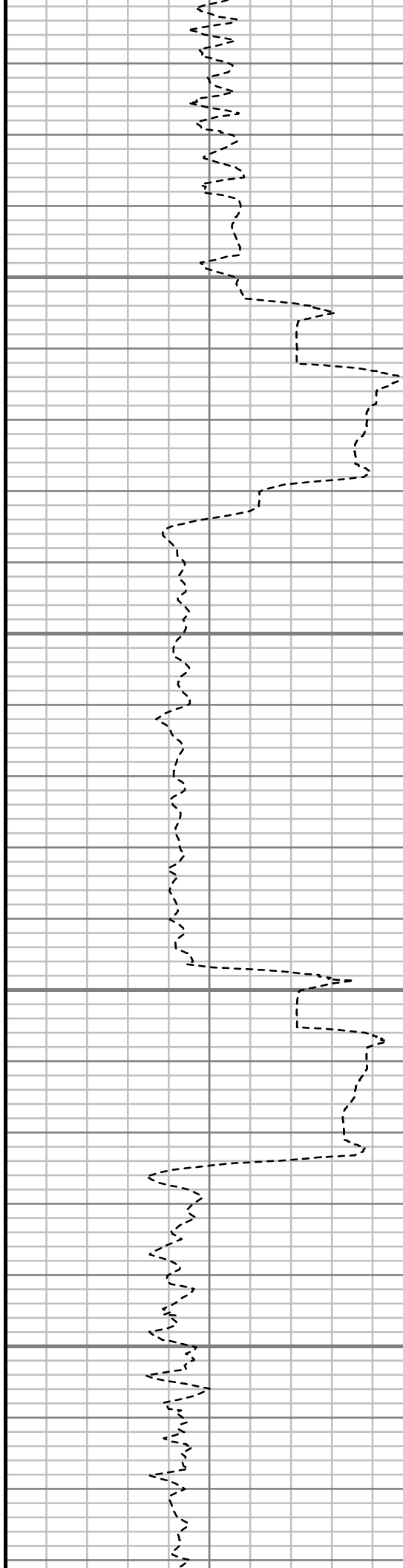


8400

8450

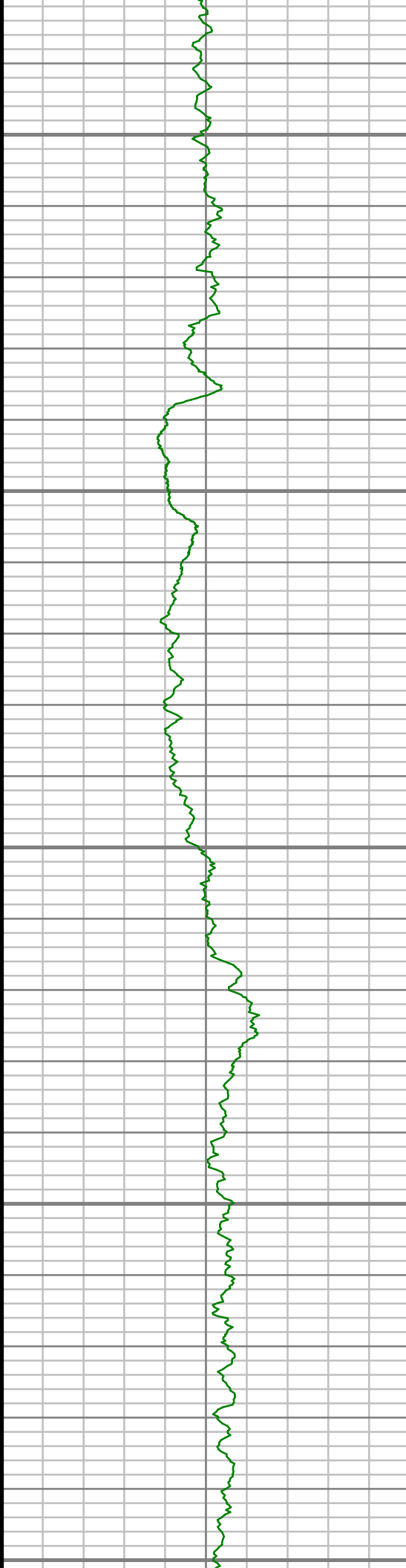
8500

8550



S: 73 MD: 8432.00 ft Inc: 88.79  
deg Az: 90.57 deg TVD:  
7054.69 ft

S: 74 MD: 8527.00 ft Inc: 89.50  
deg Az: 88.04 deg TVD:  
7056.11 ft



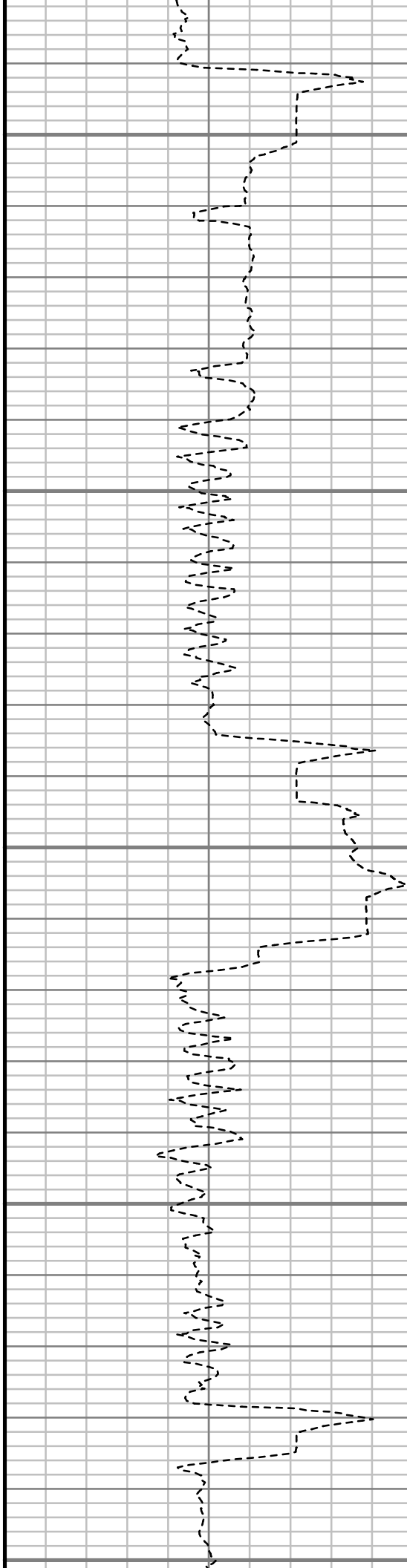
8600

8650

8700

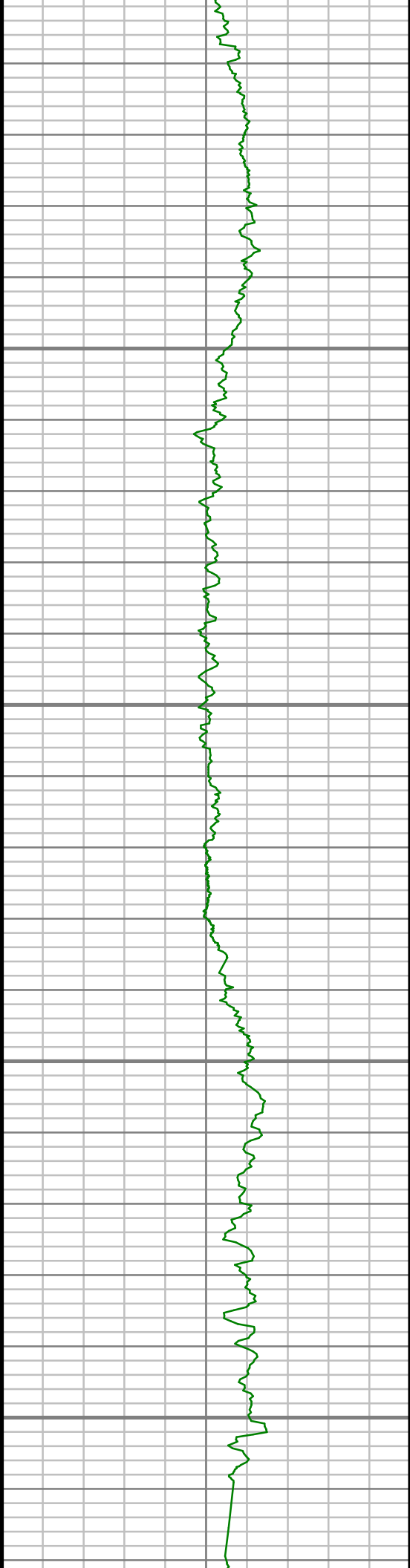
8750

8800



S: 75 MD: 8622.00 ft Inc: 89.09  
deg Az: 87.69 deg TVD:  
7057.28 ft

S: 76 MD: 8718.00 ft Inc: 89.19  
deg Az: 90.13 deg TVD:  
7058.71 ft

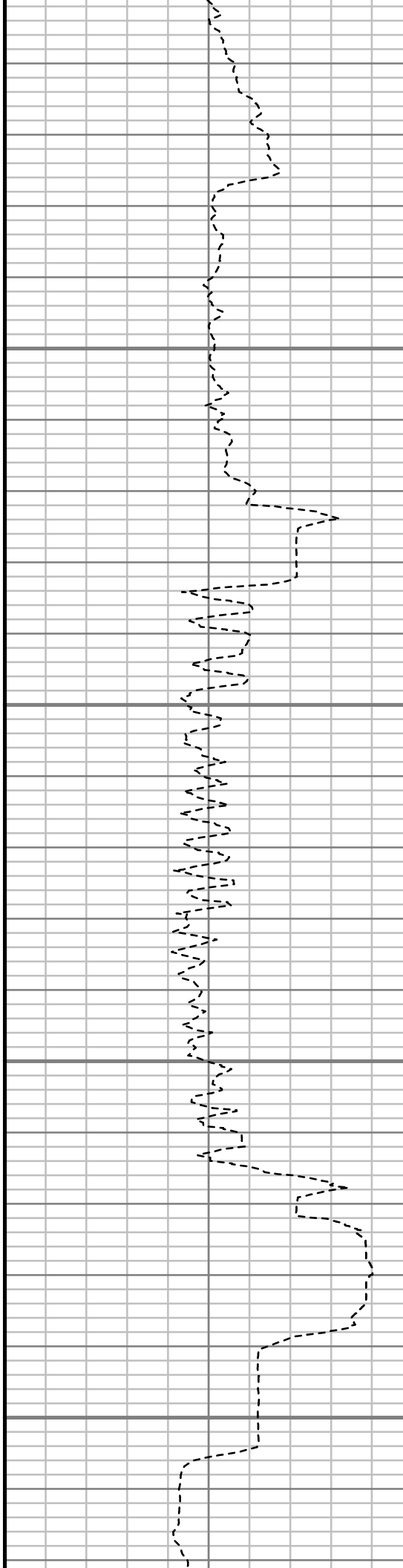


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8900

8950

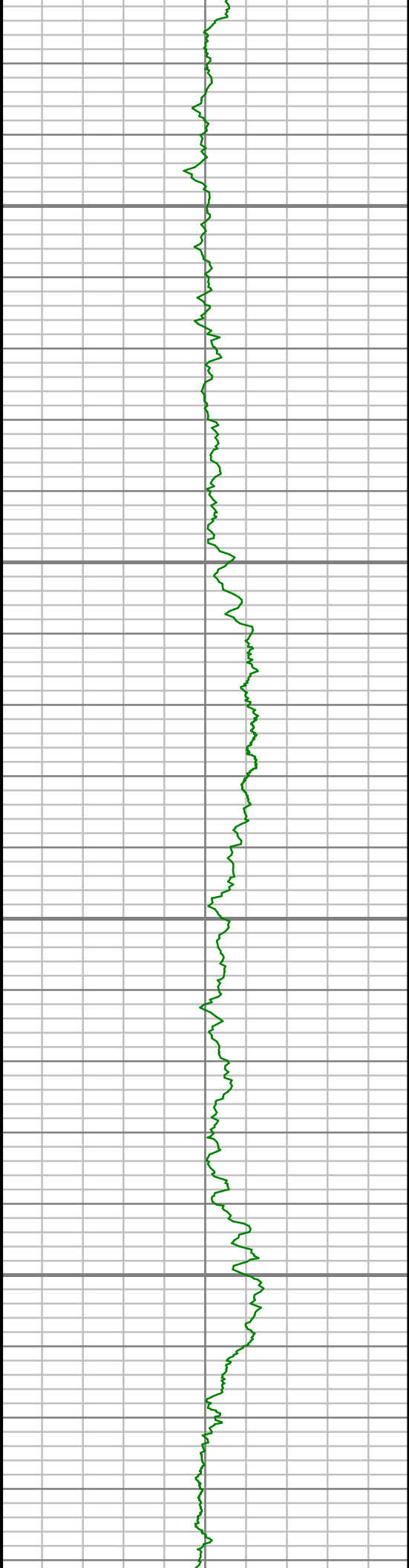
9000



S: 77 MD: 8813.00 ft Inc: 88.62  
deg Az: 90.48 deg TVD:  
7060.53 ft

S: 78 MD: 8908.00 ft Inc: 89.23  
deg Az: 91.56 deg TVD:  
7062.31 ft

S: 79 MD: 9004.00 ft Inc: 88.12  
deg Az: 90.35 deg TVD:  
7064.53 ft

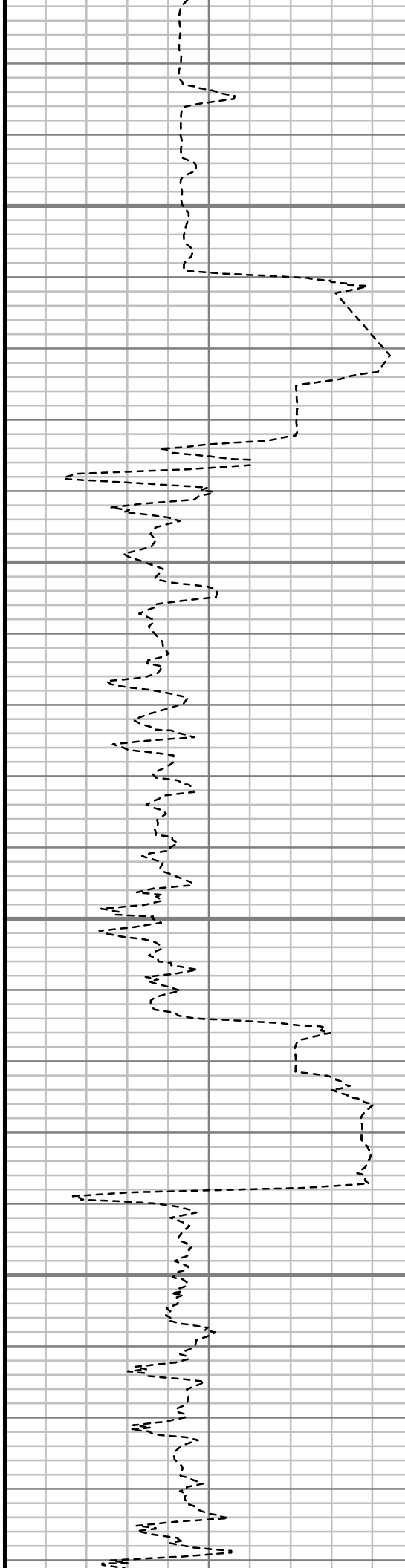


9050

9100

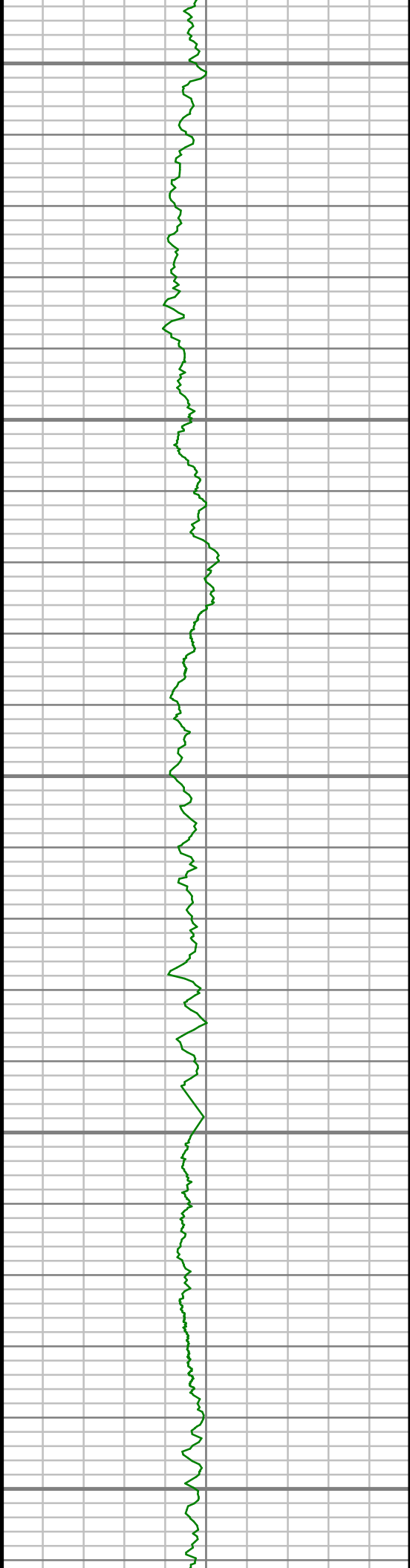
9150

9200



S: 80 MD: 9099.00 ft Inc: 89.19  
deg Az: 91.68 deg TVD:  
7066.76 ft

S: 81 MD: 9194.00 ft Inc: 87.58  
deg Az: 90.83 deg TVD:  
7069.44 ft



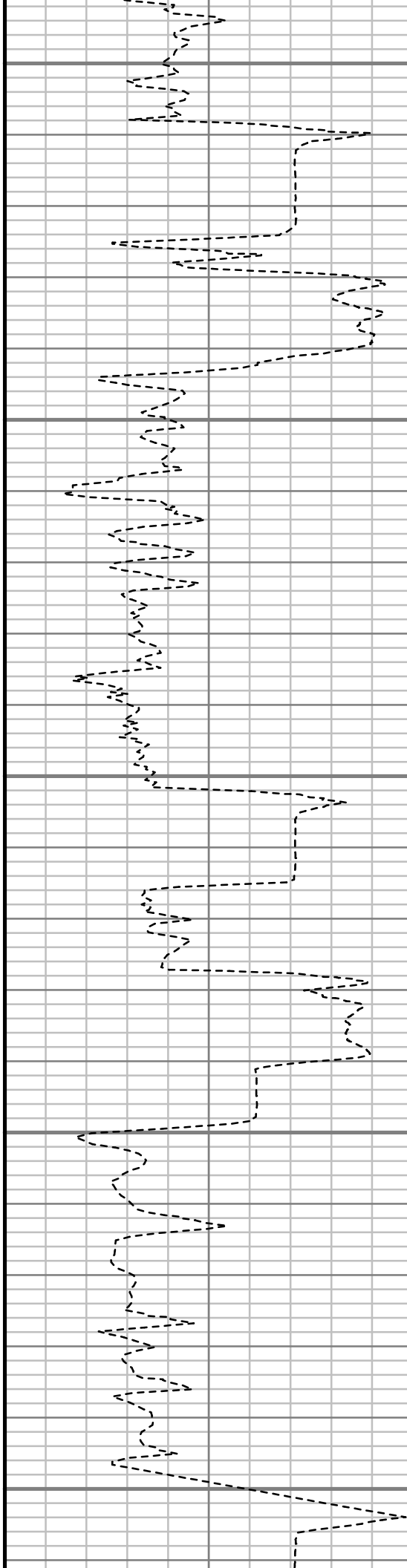
9250

9300

9350

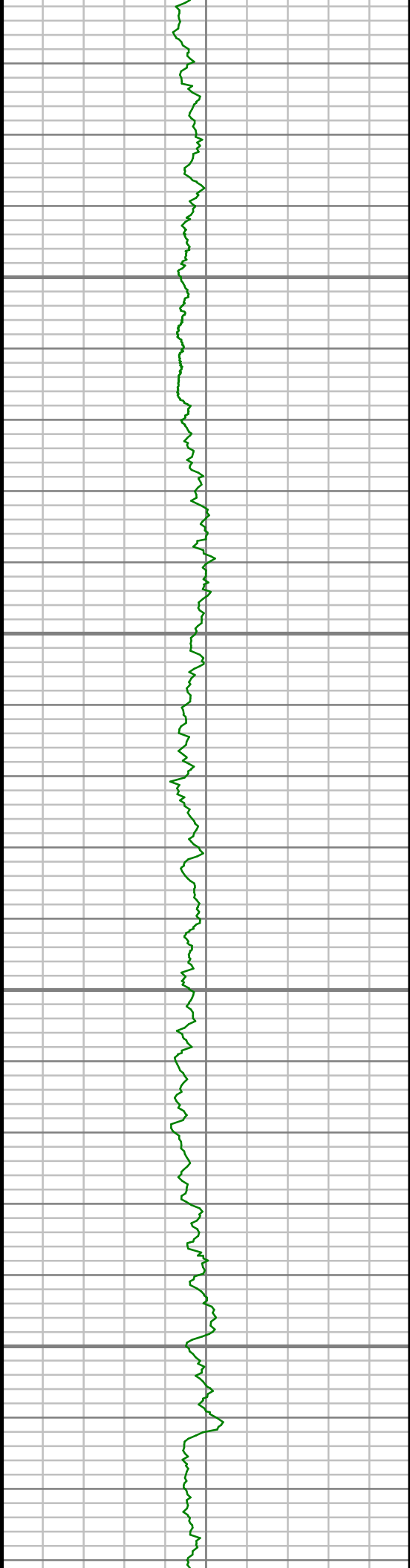
9400

9450



S: 82 MD: 9289.00 ft Inc: 87.95  
deg Az: 90.29 deg TVD:  
7073.14 ft

S: 83 MD: 9384.00 ft Inc: 88.69  
deg Az: 91.05 deg TVD:  
7075.93 ft

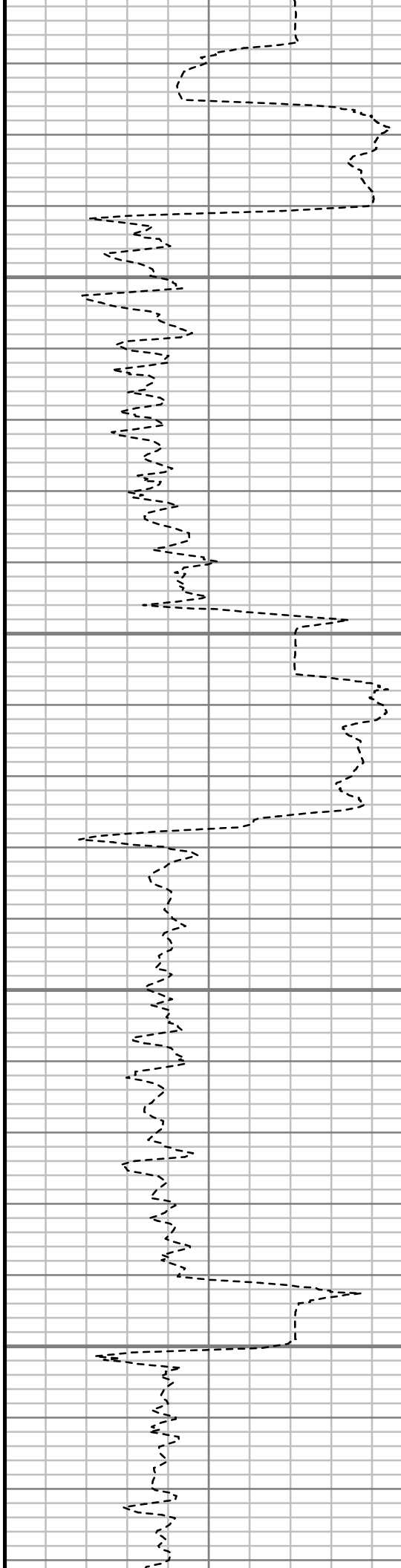


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9600

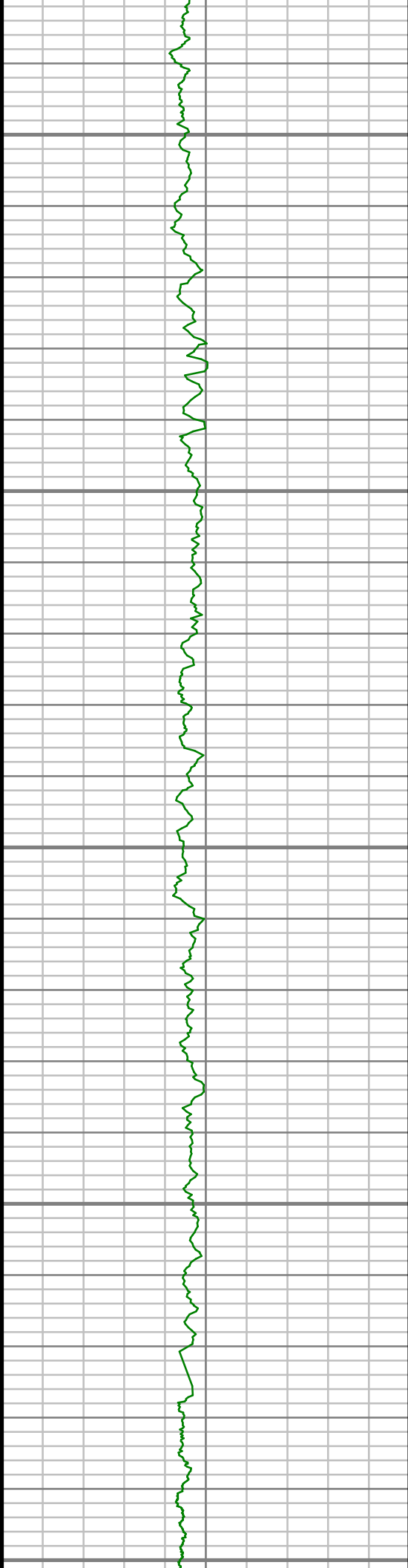
9650



S: 84 MD: 9480.00 ft Inc: 88.22  
deg Az: 90.89 deg TVD:  
7078.52 ft

S: 85 MD: 9575.00 ft Inc: 87.88  
deg Az: 88.81 deg TVD:  
7081.75 ft

S: 86 MD: 9670.00 ft Inc: 88.09  
deg Az: 88.98 deg TVD:  
7085.09 ft



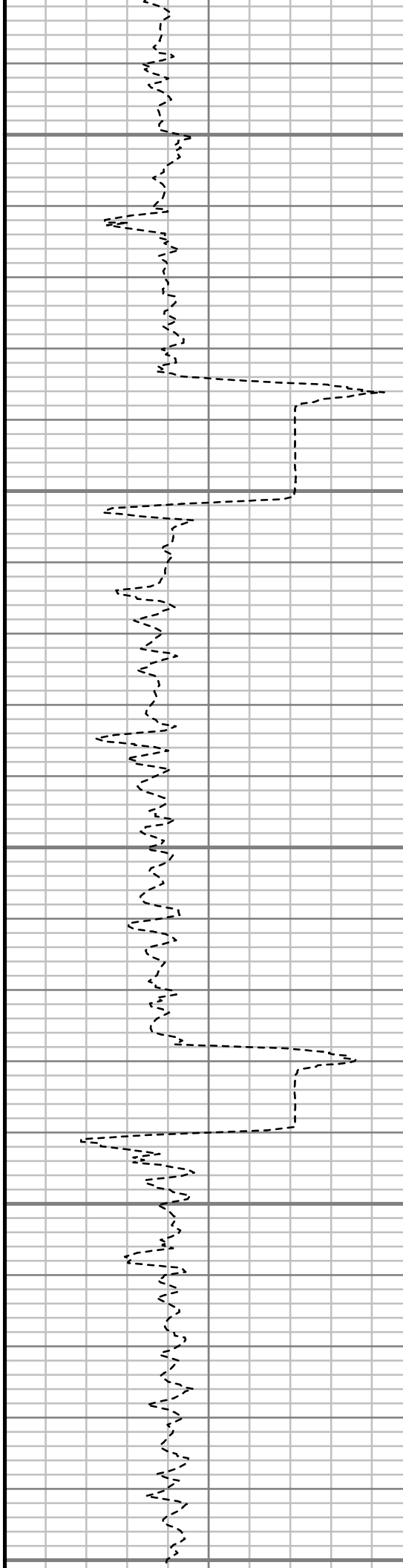
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9750

9800

9850

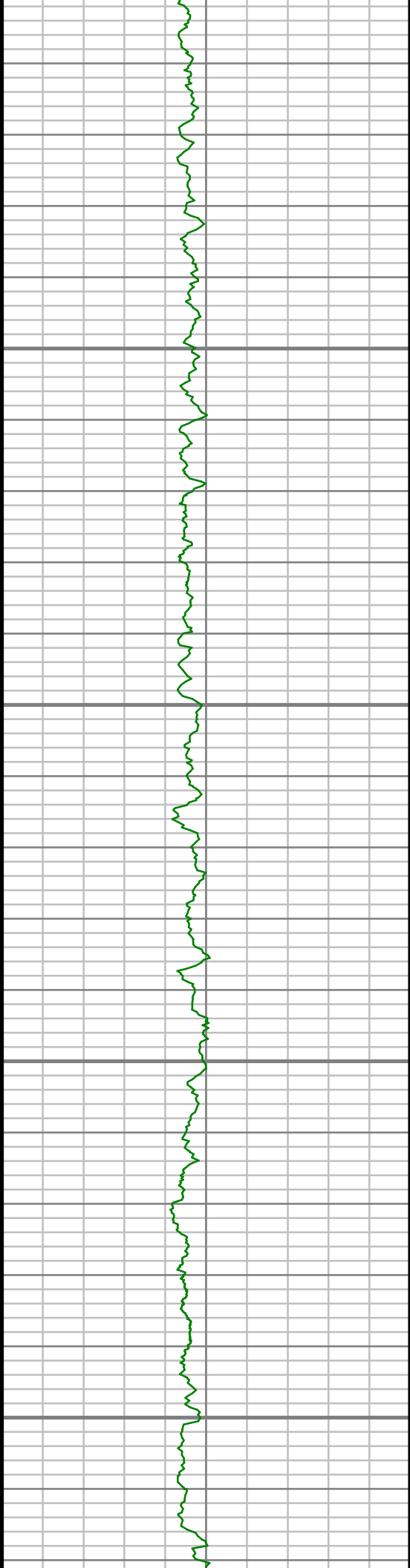
9900



S: 87 MD: 9765.00 ft Inc: 87.88  
deg Az: 89.22 deg TVD:  
7088.43 ft

S: 88 MD: 9861.00 ft Inc: 88.52  
deg Az: 92.13 deg TVD:  
7091.44 ft



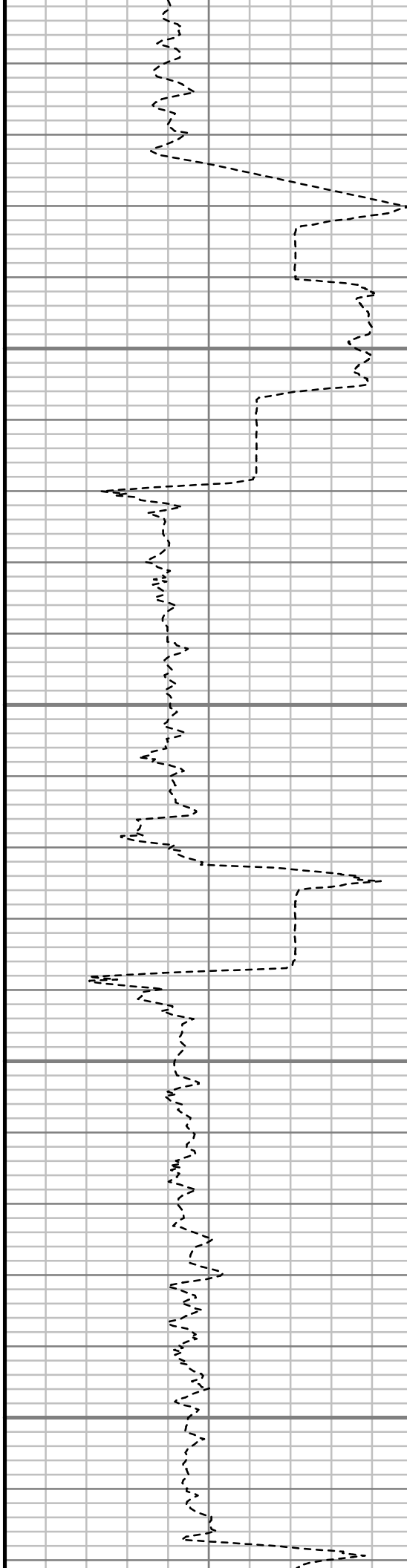


9950

10000

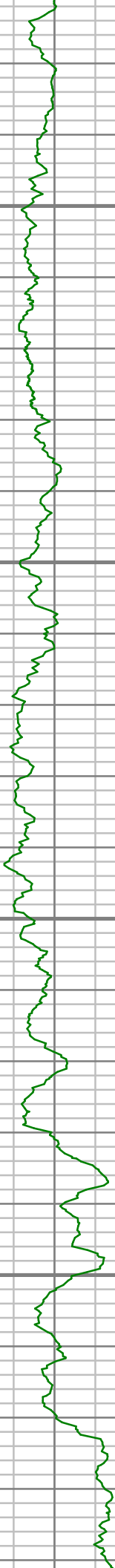
10050

10100



S: 89 MD: 9956.00 ft Inc: 88.15  
deg Az: 89.51 deg TVD:  
7094.20 ft

S: 90 MD: 10051.00 ft Inc:  
87.88 deg Az: 89.15 deg TVD:  
7097.49 ft

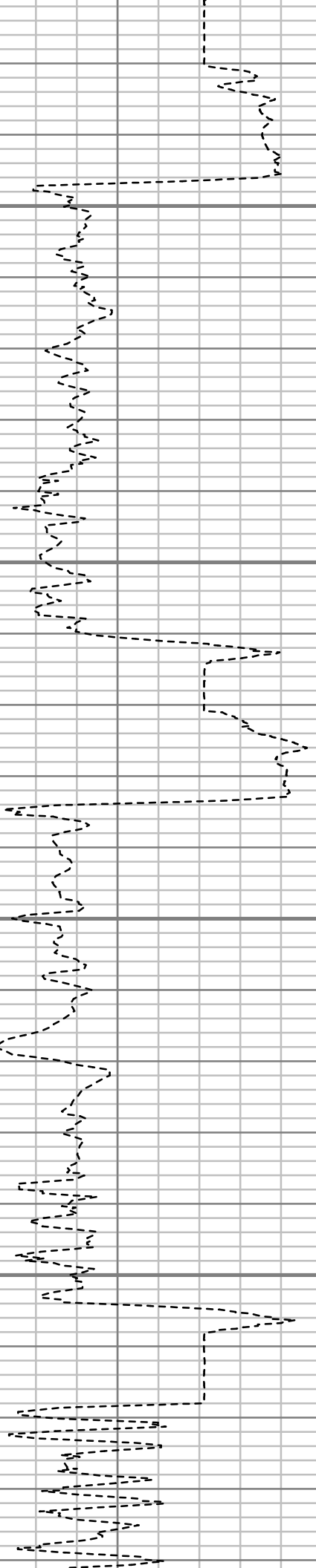


10150

10200

10250

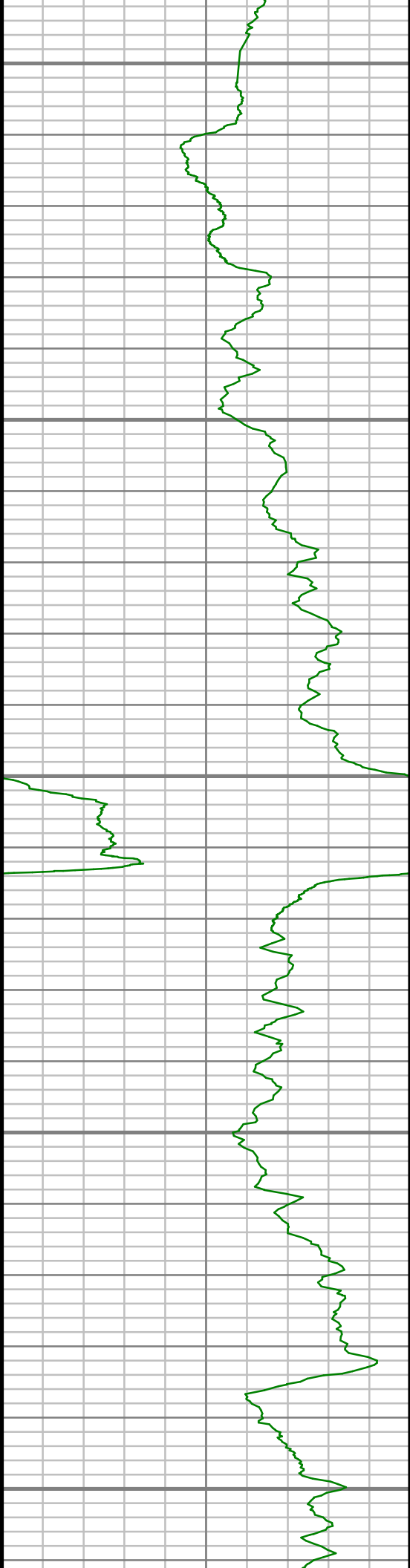
10300



S: 91 MD: 10146.00 ft Inc:  
88.32 deg Az: 86.89 deg TVD:  
7100.63 ft

S: 92 MD: 10242.00 ft Inc:  
89.40 deg Az: 88.81 deg TVD:  
7102.55 ft

S: 93 MD: 10337.00 ft Inc:  
89.90 deg Az: 88.87 deg TVD:



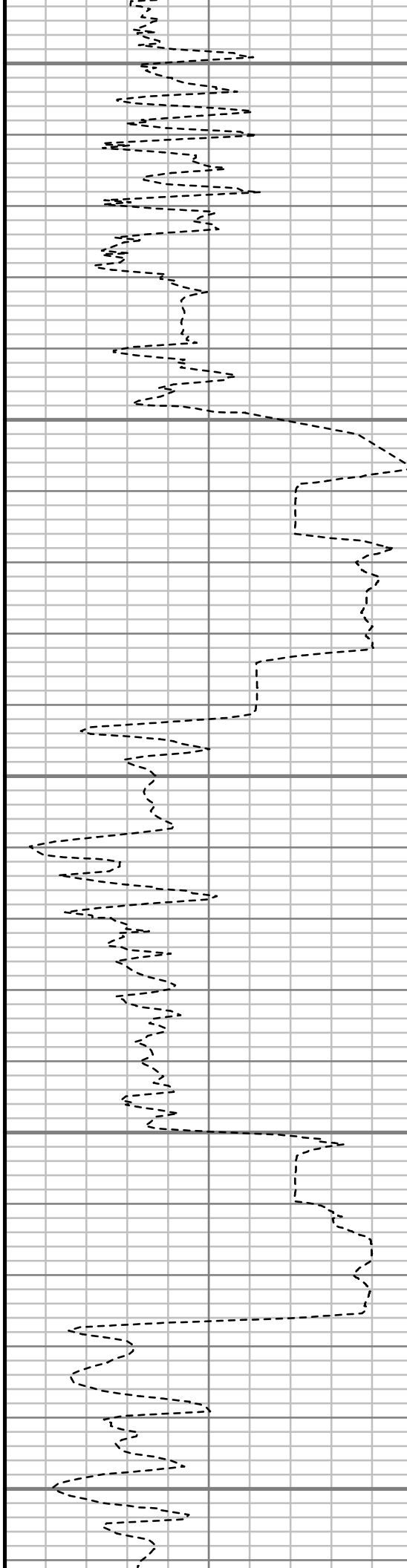
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10400

10450

10500

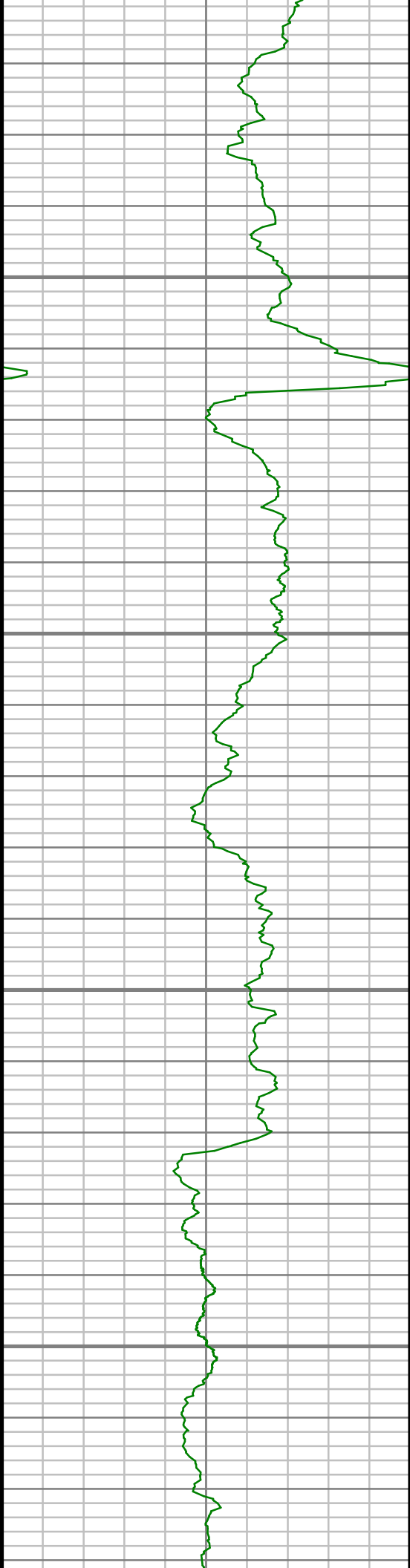
10550



7103.13 ft

S: 94 MD: 10432.00 ft Inc:  
89.40 deg Az: 90.26 deg TVD:  
7103.72 ft

S: 95 MD: 10528.00 ft Inc:  
87.99 deg Az: 89.82 deg TVD:  
7105.91 ft

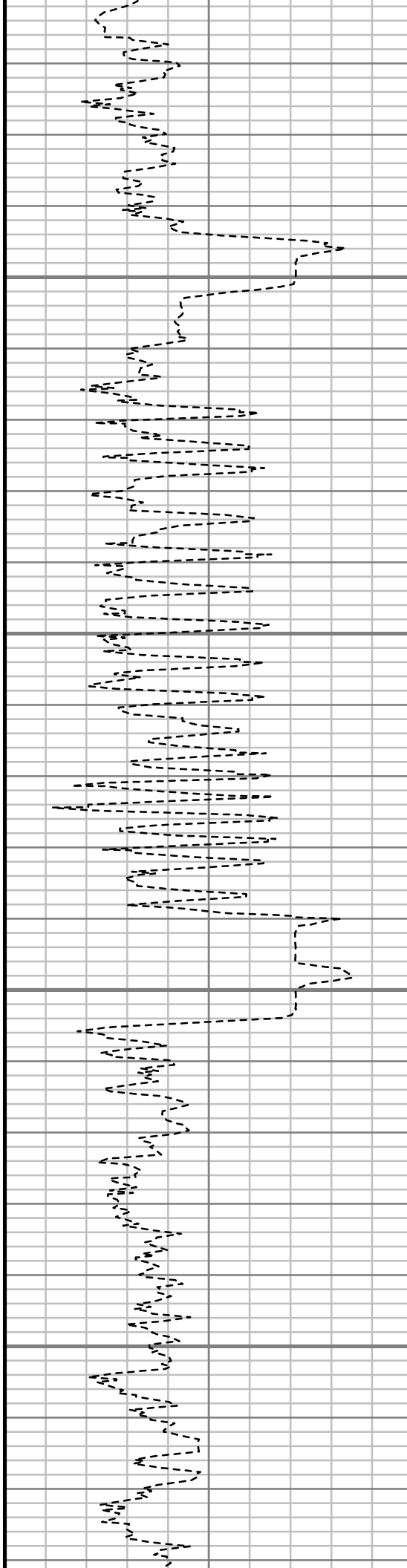


10600

10650

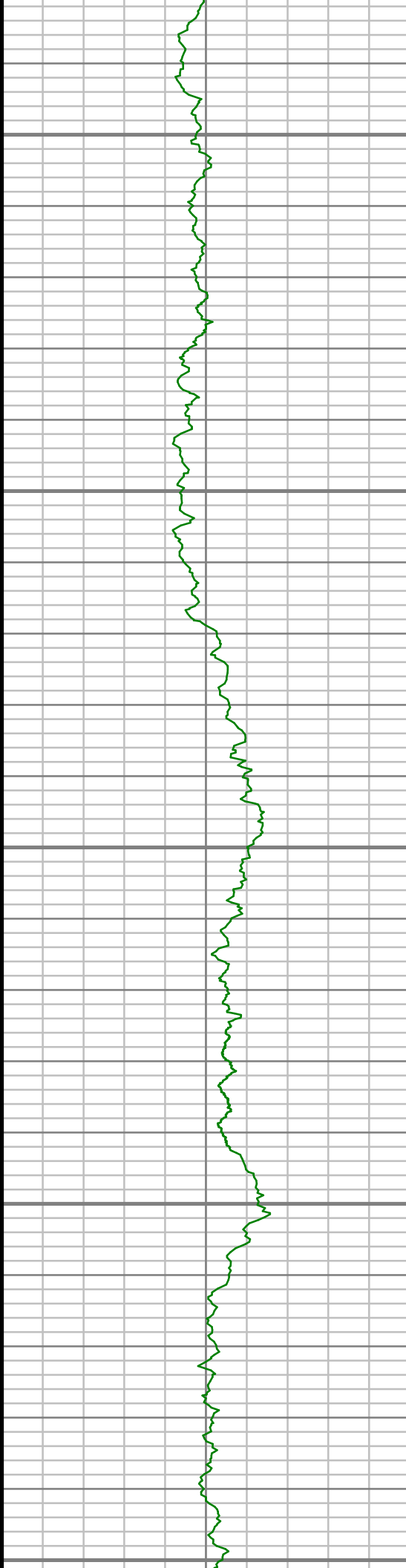
10700

10750



S: 96 MD: 10623.00 ft Inc:  
87.35 deg Az: 90.01 deg TVD:  
7109.77 ft

S: 97 MD: 10718.00 ft Inc:  
86.74 deg Az: 89.99 deg TVD:  
7114.68 ft



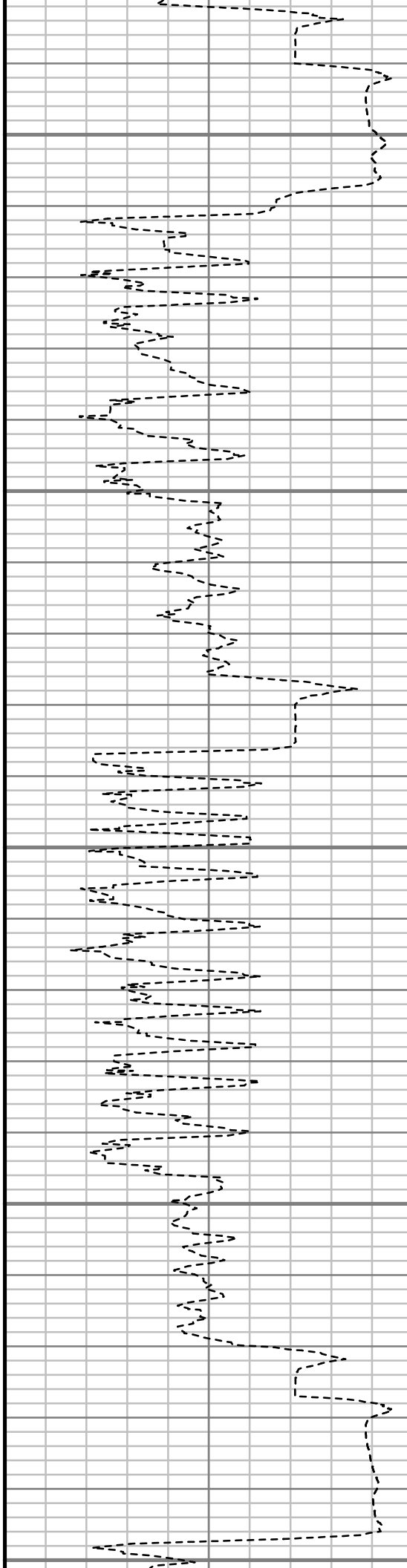
10800

10850

10900

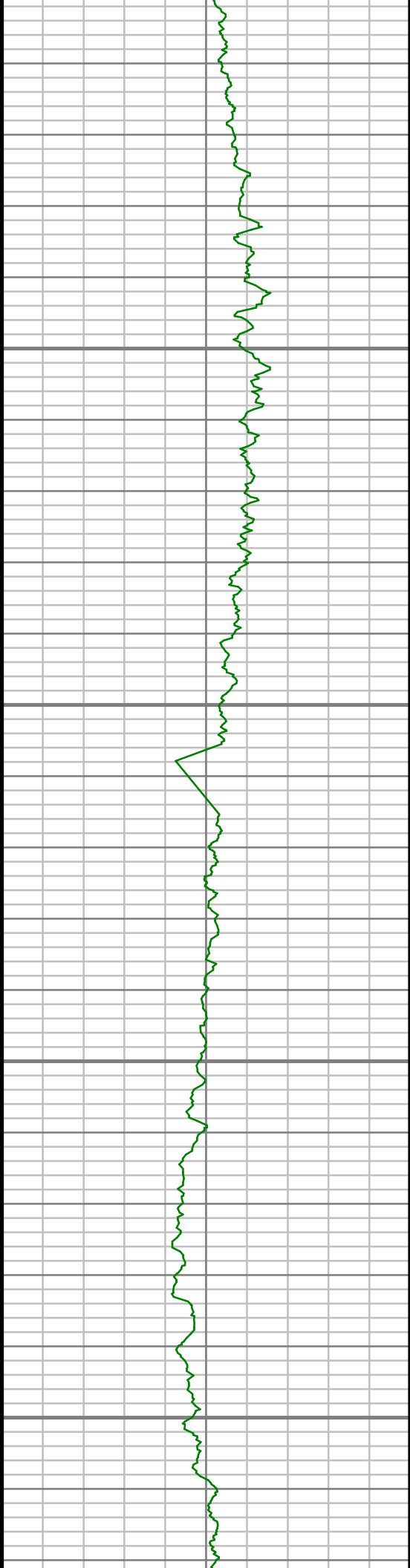
10950

11000



S: 98 MD: 10813.00 ft Inc:  
87.68 deg Az: 89.71 deg TVD:  
7119.30 ft

S: 99 MD: 10909.00 ft Inc:  
87.35 deg Az: 89.58 deg TVD:  
7123.46 ft

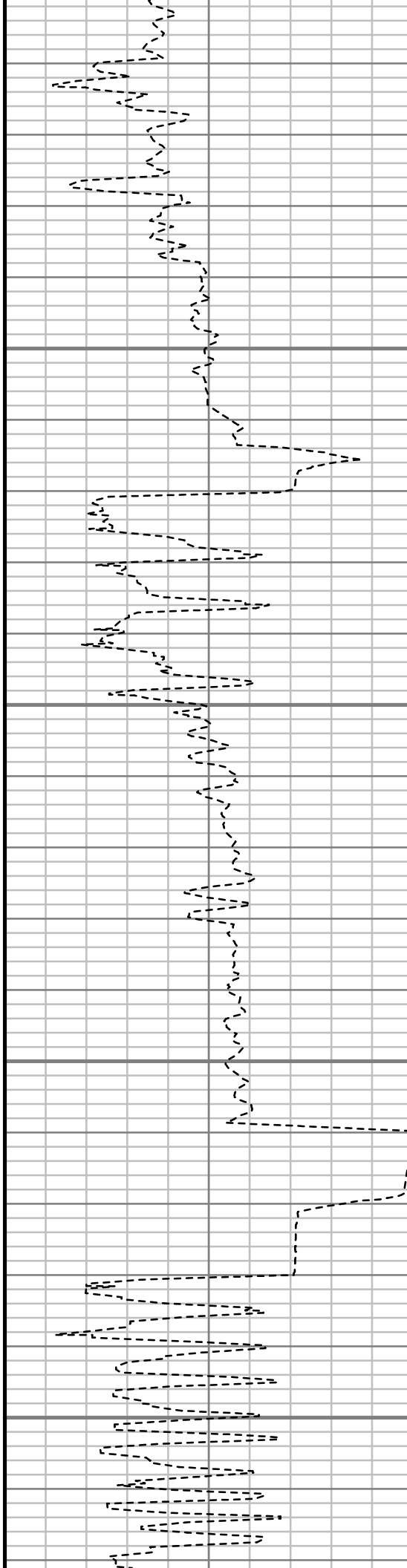


11050

11100

11150

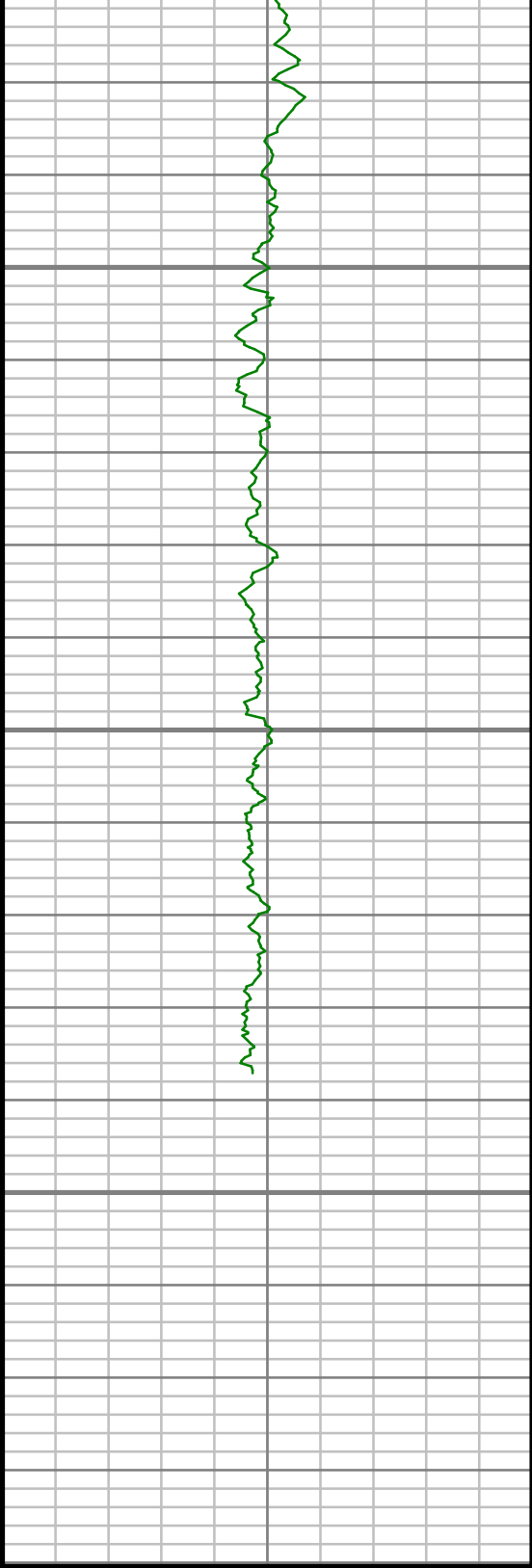
11200



S: 100 MD: 11004.00 ft Inc:  
89.83 deg Az: 90.84 deg TVD:  
7125.80 ft

S: 101 MD: 11099.00 ft Inc:  
88.86 deg Az: 89.92 deg TVD:  
7126.89 ft

S: 102 MD: 11194.00 ft Inc:  
89.03 deg Az: 91.07 deg TVD:  
7128.64 ft



Gamma Ray (GR)

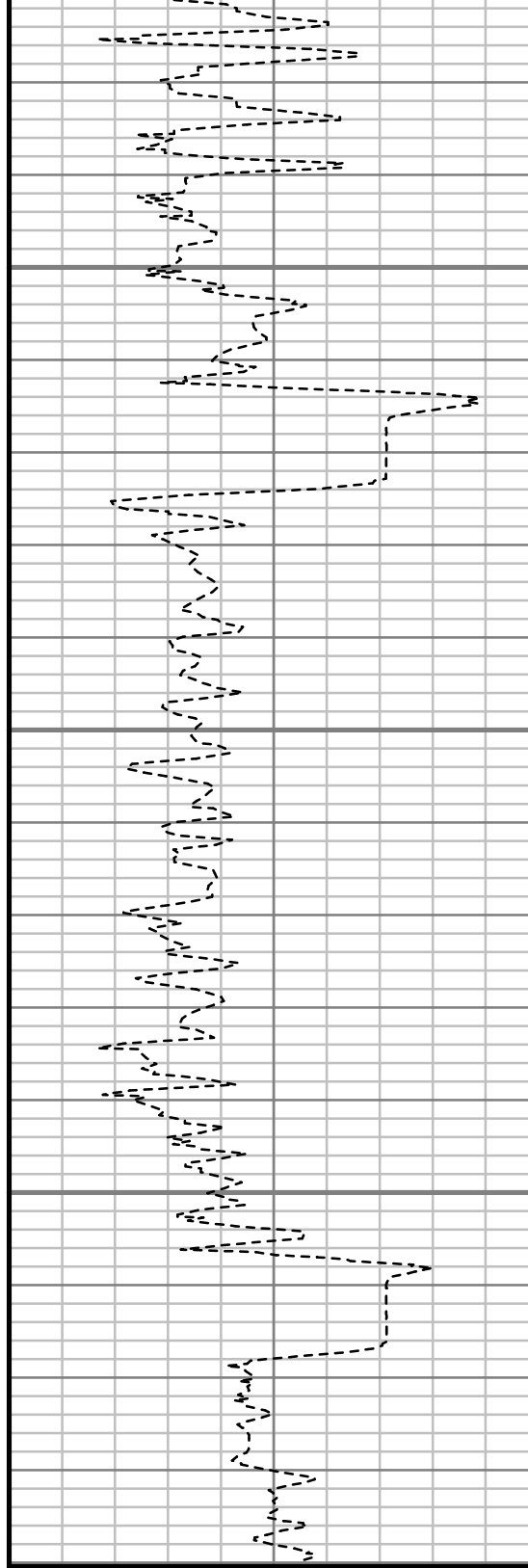
0 Unit = aapi 150

11250

11300

11350

MEASURED DEPTH  
1,240 (ft)



S: 103 MD: 11289.00 ft Inc:  
88.42 deg Az: 90.46 deg TVD:  
7130.76 ft

S: 104 MD: 11321.00 ft Inc:  
88.15 deg Az: 89.88 deg TVD:  
7131.72 ft

Rate of Penetration (ROP)

500 Unit = ft/hr 0

Comments



## MWD Survey Report

Well Location	ZISCH/DRIETH
Well Name	ZISCH 3C-6H-M368
Survey Date	6/18/2014
Latitude	40°14'53.484"N
Longitude	105°3'10.116"W
Btotal	52606 nT
Dip	66.77 deg
Magnetic Declination	8.68 deg
North Reference	True North
Grid Correction	None
Depth Reference	RKB (13.00 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 90.00Azim (deg)
Operator(s)	JEFFREY SMITH, MARK SMITH, TIM WHEELER

### Well Notes

SURVEYS FROM 100 FT. - 800 FT. WERE ACQUIRED BY VES SURVEY INTERNATIONAL GYRO.

ALL SURVEYS FROM 928 FT. - 11390 FT. WERE ACQUIRED BY SCIENTIFIC DRILLING INTERNATIONAL MWD.

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	"/100ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid
100.00	0.30	216.33	100.00	-0.16	-0.21	-0.16	216.33	0.26	0.30
200.00	0.47	271.16	200.00	-0.72	-0.41	-0.72	240.14	0.83	0.39
300.00	0.56	281.47	299.99	-1.61	-0.31	-1.61	259.16	1.64	0.13
400.00	2.12	273.03	399.96	-3.94	-0.11	-3.94	268.35	3.94	1.57
500.00	3.51	276.30	499.84	-8.83	0.32	-8.83	272.08	8.83	1.40
600.00	5.23	279.87	599.55	-16.36	1.44	-16.36	275.02	16.42	1.74
700.00	6.57	281.54	699.01	-26.45	3.36	-26.45	277.25	26.67	1.35
800.00	6.83	283.13	798.33	-37.85	5.86	-37.85	278.80	38.30	0.32
928.00	7.16	286.10	925.38	-52.93	9.80	-52.93	280.49	53.83	0.38
1116.00	7.04	283.13	1111.94	-75.41	15.67	-75.41	281.74	77.02	0.21
1302.00	6.79	282.56	1296.58	-97.25	20.65	-97.25	281.99	99.42	0.14
1488.00	6.30	279.17	1481.37	-118.07	24.67	-118.07	281.80	120.62	0.34
1675.00	6.55	273.83	1667.20	-138.84	27.02	-138.84	281.01	141.44	0.35
1861.00	6.08	280.41	1852.07	-159.12	29.51	-159.12	280.51	161.83	0.46
2047.00	5.48	290.21	2037.13	-177.15	34.36	-177.15	280.98	180.45	0.62
2232.00	6.85	293.66	2221.05	-195.54	41.84	-195.54	282.08	199.97	0.76
2418.00	6.92	290.90	2405.71	-216.16	50.28	-216.16	283.10	221.93	0.18
2604.00	6.75	291.33	2590.39	-236.79	58.25	-236.79	283.82	243.85	0.10



MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	°/100ft
2789.00	5.59	280.30	2774.33	-255.79	63.81	-255.79	284.01	263.63	0.89
2978.00	5.15	279.19	2962.50	-273.22	66.81	-273.22	283.74	281.27	0.24
3168.00	5.74	275.87	3151.64	-291.09	69.15	-291.09	283.36	299.19	0.35
3359.00	5.66	279.32	3341.69	-309.89	71.65	-309.89	283.02	318.06	0.18
3549.00	6.79	286.86	3530.57	-329.88	76.42	-329.88	283.04	338.62	0.73
3740.00	7.22	285.79	3720.15	-352.24	82.96	-352.24	283.25	361.87	0.23
3930.00	5.80	293.95	3908.92	-372.50	90.11	-372.50	283.60	383.24	0.89
4121.00	5.42	290.35	4099.01	-389.77	97.16	-389.77	284.00	401.70	0.27
4312.00	4.97	290.90	4289.22	-405.95	103.25	-405.95	284.27	418.88	0.24
4502.00	5.07	286.29	4478.49	-421.70	108.54	-421.70	284.43	435.45	0.22
4693.00	4.86	286.45	4668.78	-437.57	113.20	-437.57	284.50	451.98	0.11
4884.00	4.41	280.02	4859.15	-452.56	116.77	-452.56	284.47	467.39	0.36
5074.00	4.96	285.46	5048.52	-467.66	120.23	-467.66	284.42	482.87	0.37
5265.00	5.20	283.62	5238.77	-484.02	124.47	-484.02	284.42	499.77	0.15
5455.00	5.34	265.55	5427.98	-501.20	125.81	-501.20	284.09	516.75	0.87
5645.00	6.16	276.89	5617.03	-520.15	126.34	-520.15	283.65	535.27	0.74
5836.00	5.79	280.48	5806.99	-539.80	129.33	-539.80	283.47	555.07	0.28
6026.00	5.01	277.14	5996.15	-557.45	132.10	-557.45	283.33	572.88	0.44

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	°/100ft
6217.00	5.29	299.39	6186.40	-573.38	137.45	-573.38	283.48	589.63	1.05
6264.00	5.04	297.41	6233.21	-577.10	139.47	-577.10	283.59	593.72	0.64
6312.00	4.62	327.59	6281.04	-580.01	142.07	-580.01	283.76	597.16	5.30
6359.00	6.59	353.11	6327.82	-581.35	146.34	-581.35	284.13	599.49	6.66
6407.00	9.12	7.97	6375.37	-581.15	152.85	-581.15	284.74	600.92	6.72
6454.00	10.66	35.03	6421.70	-578.14	160.10	-578.14	285.48	599.90	10.30
6503.00	12.67	65.00	6469.73	-570.66	166.08	-570.66	286.23	594.34	12.85
6550.00	15.43	76.62	6515.33	-559.90	169.71	-559.90	286.86	585.06	8.37
6598.00	17.53	83.68	6561.36	-546.50	171.99	-546.50	287.47	572.93	6.04
6645.00	19.90	91.59	6605.87	-531.46	172.54	-531.46	287.99	558.77	7.38
6693.00	24.14	91.15	6650.36	-513.48	172.12	-513.48	288.53	541.56	8.83
6740.00	29.82	87.69	6692.23	-492.17	172.40	-492.17	289.30	521.49	12.53
6789.00	33.90	87.80	6733.84	-466.34	173.41	-466.34	290.40	497.54	8.33
6836.00	38.04	88.33	6771.88	-438.75	174.34	-438.75	291.67	472.12	8.83
6884.00	42.14	89.27	6808.59	-407.86	174.98	-407.86	293.22	443.81	8.64
6931.00	45.76	90.44	6842.42	-375.25	175.05	-375.25	295.01	414.07	7.89
6979.00	50.25	91.55	6874.53	-339.59	174.42	-339.59	297.19	381.76	9.52
7026.00	54.57	91.76	6903.19	-302.37	173.34	-302.37	299.83	348.53	9.20

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	°/100ft
7074.00	60.03	90.10	6929.12	-262.00	172.71	-262.00	303.39	313.80	11.72
7121.00	64.64	89.42	6950.93	-220.38	172.89	-220.38	308.11	280.11	9.90
7169.00	68.43	89.12	6970.04	-176.37	173.45	-176.37	314.52	247.37	7.91
7216.00	71.35	88.16	6986.20	-132.25	174.50	-132.25	322.84	218.96	6.51
7265.00	74.54	88.20	7000.57	-85.43	175.99	-85.43	334.11	195.63	6.52
7312.00	78.11	87.47	7011.68	-39.81	177.72	-39.81	347.38	182.12	7.73
7360.00	81.37	87.40	7020.23	7.37	179.84	7.37	2.35	179.99	6.80
7388.00	84.22	87.50	7023.74	35.12	181.07	35.12	10.98	184.45	10.19
7479.00	87.71	87.69	7030.14	125.80	184.88	125.80	34.23	223.62	3.84
7574.00	88.02	90.41	7033.68	220.71	186.45	220.71	49.81	288.92	2.88
7669.00	88.99	92.46	7036.15	315.65	184.06	315.65	59.75	365.39	2.39
7765.00	88.22	92.26	7038.49	411.54	180.11	411.54	66.36	449.22	0.83
7860.00	89.43	93.53	7040.44	506.39	175.31	506.39	70.90	535.88	1.85
7955.00	88.15	92.93	7042.45	601.22	169.96	601.22	74.21	624.78	1.49
8051.00	88.56	91.87	7045.21	697.09	165.94	697.09	76.61	716.57	1.18
8146.00	88.96	91.52	7047.27	792.03	163.13	792.03	78.36	808.65	0.56
8241.00	88.45	90.88	7049.42	886.98	161.13	886.98	79.70	901.50	0.86
8336.00	88.22	91.63	7052.18	981.92	159.05	981.92	80.80	994.71	0.83

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	°/100ft
8432.00	88.79	90.57	7054.69	1077.86	157.20	1077.86	81.70	1089.27	1.25
8527.00	89.50	88.04	7056.11	1172.84	158.36	1172.84	82.31	1183.48	2.77
8622.00	89.09	87.69	7057.28	1267.76	161.89	1267.76	82.72	1278.06	0.56
8718.00	89.19	90.13	7058.71	1363.73	163.71	1363.73	83.15	1373.52	2.54
8813.00	88.62	90.48	7060.53	1458.71	163.20	1458.71	83.62	1467.81	0.70
8908.00	89.23	91.56	7062.31	1553.68	161.51	1553.68	84.07	1562.05	1.30
9004.00	88.12	90.35	7064.53	1649.63	159.91	1649.63	84.46	1657.37	1.71
9099.00	89.19	91.68	7066.76	1744.59	158.22	1744.59	84.82	1751.75	1.80
9194.00	87.58	90.83	7069.44	1839.52	156.14	1839.52	85.15	1846.14	1.92
9289.00	87.95	90.29	7073.14	1934.45	155.22	1934.45	85.41	1940.66	0.69
9384.00	88.69	91.05	7075.93	2029.40	154.11	2029.40	85.66	2035.24	1.12
9480.00	88.22	90.89	7078.52	2125.35	152.50	2125.35	85.90	2130.81	0.52
9575.00	87.88	88.81	7081.75	2220.29	152.75	2220.29	86.06	2225.54	2.21
9670.00	88.09	88.98	7085.09	2315.21	154.57	2315.21	86.18	2320.37	0.28
9765.00	87.88	89.22	7088.43	2410.14	156.07	2410.14	86.30	2415.19	0.32
9861.00	88.52	92.13	7091.44	2506.08	154.94	2506.08	86.46	2510.86	3.10
9956.00	88.15	89.51	7094.20	2601.02	153.58	2601.02	86.62	2605.55	2.78
10051.00	87.88	89.15	7097.49	2695.96	154.69	2695.96	86.72	2700.39	0.47

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	"/100ft
10146.00	88.32	86.89	7100.63	2790.84	157.97	2790.84	86.76	2795.31	2.41
10242.00	89.40	88.81	7102.55	2886.75	161.57	2886.75	86.80	2891.27	2.29
10337.00	89.90	88.87	7103.13	2981.73	163.49	2981.73	86.86	2986.21	0.53
10432.00	89.40	90.26	7103.72	3076.72	164.22	3076.72	86.94	3081.10	1.56
10528.00	87.99	89.82	7105.91	3172.69	164.15	3172.69	87.04	3176.94	1.54
10623.00	87.35	90.01	7109.77	3267.61	164.29	3267.61	87.12	3271.74	0.71
10718.00	86.74	89.99	7114.68	3362.49	164.29	3362.49	87.20	3366.50	0.64
10813.00	87.68	89.71	7119.30	3457.37	164.53	3457.37	87.28	3461.28	1.04
10909.00	87.35	89.58	7123.46	3553.28	165.13	3553.28	87.34	3557.11	0.37
11004.00	89.83	90.84	7125.80	3648.24	164.78	3648.24	87.41	3651.96	2.93
11099.00	88.86	89.92	7126.89	3743.23	164.15	3743.23	87.49	3746.83	1.41
11194.00	89.03	91.07	7128.64	3838.21	163.33	3838.21	87.56	3841.68	1.22
11289.00	88.42	90.46	7130.76	3933.18	162.06	3933.18	87.64	3936.51	0.91
11321.00	88.15	89.88	7131.72	3965.16	161.96	3965.16	87.66	3968.47	2.00

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Closure Distance	DLS
ft	deg	deg	ft	ft	ft	ft	deg	ft	°/100ft

5" = 100' FEET MD