

Bit Run Summary

Type		KCI/PHPA/Glycol	KCI/PHPA/Glycol	KCI/PHPA/Glycol	KCI/PHPA/Glycol						
Mud weight	lb/gal	9.5	9.7	9.8	9.9						
Solids	%vol	6.0	7.8	7.9	8.6						
Chlorides	mg/l	38,000	34,000	36,000	38,500						
Rm											
Rmf											
Rmc											
Potassium	ppb	26.0	25.5	24.5	24.5						
Environmental data											
GR											
Mud weight	lb/gal	9.5	9.7	9.8	9.9						
Bit size	in.	8.5	6.0	6.0	6.0						
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC										
Recording rate 2	SEC										
Filtering GR											
Filtering density											
Filtering Neutron											
Company representative		B. Steel	B. Sutherland	B. Davis							
Anadrill personnel		L. Bon	O. Radicevic	J. Dolan	C. Soper	B. Manjenic					

DISCLAIMER

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OTHER SERVICES FOR RUN1	OTHER SERVICES FOR RUN2	OTHER SERVICES FOR RUN3
Gamma Ray Directional Surveys Directional Drilling	Gamma Ray Directional Surveys Directional Drilling	Gamma Ray Directional Surveys Directional Drilling
REMARKS: RUN NUMBER 1 8 1/2 in. hole was drilled from 1215.0 to 3337.7m. Depth is referenced to the Driller's Depth. Gamma Ray is corrected for Tool Size, Bit Size, and Mud Weight. Mud type is KCI/PHPA/Glycol. Data gaps between 2790.5 to 2791.5m and 2865.2 to 2870.2m due to Rig Crew standing on depth encoder, causing it to stall. Gamma ray logged behind casing to 1215.0m, causing attenuation. POOH due to reaching 7 in. Casing Point.	REMARKS: RUN NUMBER 2 6 in. hole was drilled from 3337.7 to 3512.9m. Depth is referenced to the Driller's Depth. Gamma Ray is corrected for Tool Size, Bit Size, and Mud Weight. Mud type is KCI/PHPA/Glycol. Mud contains Barite. Gamma Ray logged behind casing between 3316 to 3329m, causing attenuation. POOH due to Bit Change.	REMARKS: RUN NUMBER 3 6 in. hole was drilled from 3512.9 to 3625.4m. Depth is referenced to the Driller's Depth. Gamma Ray is corrected for Tool Size, Bit Size, and Mud Weight. Mud type is KCI/PHPA/Glycol. Mud contains Barite. POOH due to Bit Change.

Thank you for using Schlumberger.

Thank you for using Schlumberger.

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EQUIPMENT DESCRIPTION

RUN1

RUN2

RUN3

DOWNHOLE EQ

DOWNHOLE E

DOWNHOLE EQ

6-3/4" Powe

MDC Z

MDI 626

MEC 31

MGR 29

DH Software:

D&I
GR

20.8
— 20.1

25.02 1/8 in. Slim

SPMA-B

SPEC-D

DH Software:

Monel OD 4

GR

20.5

D&I

— 19.6

24.82 1/8 in. Slim

SPMA-B

SPEC-D

DH Software:

Monel OD 4

GR

20.3

D&I

— 19.3

6 1/2 in. P

S/N: 9708

16.6

SHK

— 14.5

14.54 3/4 in. P

S/N: DOTS

SHK

— 14.2

6 1/2 in. NM

S/N: DOTS

Blade OD: 8

11.9

4 3/4 in. NM

S/N: DOTS

Blade OD 5

11.54 3/4 in. NM

S/N: 00

Blade OD 5

6 1/2 in. P

S/N: 961

10.6

4 3/4 in. P

S/N: 71

9.76

4 3/4 in. P

S/N: 71

PowerPak* M

A675XP

S/N: 023

1.15 deg b

7.96

4 3/4 in. Flo

S/N: CMP0

PowerPak* M

A475XP

7.82

4 3/4 in. Flo

S/N: CMP0

7.15

PowerPak* M

A475XP

S/N: 01

24.5







14.2

11.2

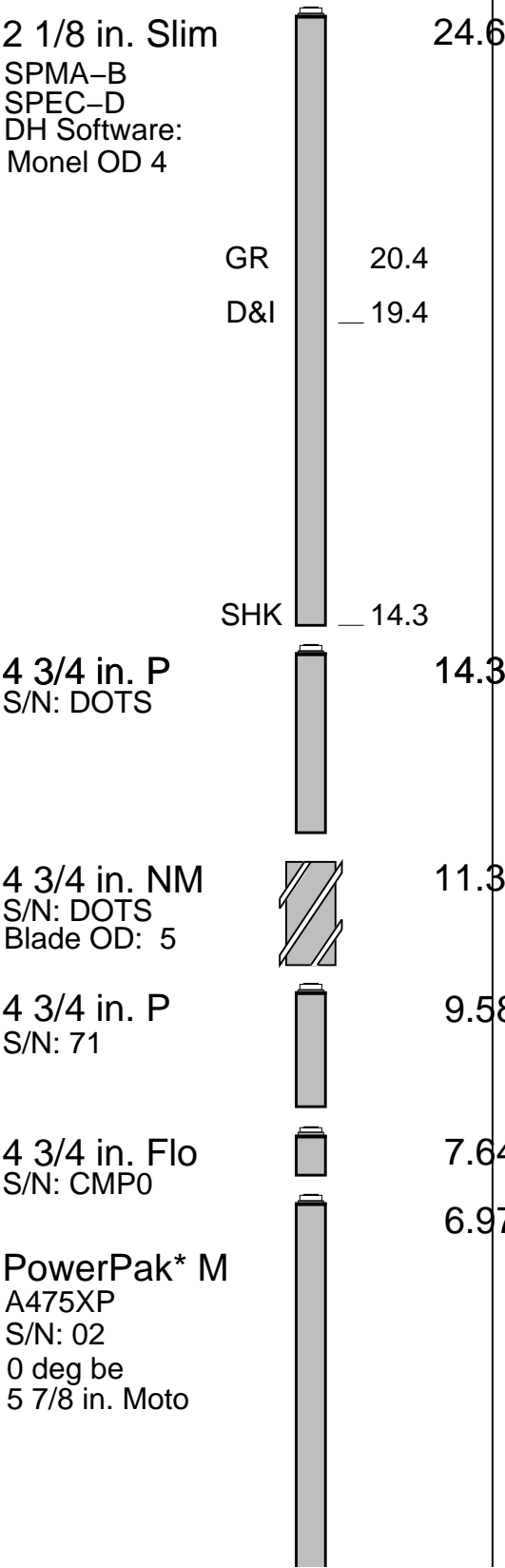
9.7

7.8

7.1

<div>8-3/8" Motor</div> <div>  </div> <div> GeoDiamond 8-1/2" S73HPX S/N </div> <div>  0.00 </div> <div>Maximum string diam All lengths in</div>	<div>S/N: 01 1.15 deg 5 7/8 in. Moto</div> <div>  </div> <div> Smith Inse 6 in. OD XR30TODPD S </div> <div>  0.00 </div> <div>Maximum string diam All lengths in</div>	<div>1.15 deg 5 7/8 in. Motor</div> <div>  </div> <div> Smith Inse 6 in. O XR40 TODPD S </div> <div>  0.00 </div> <div>Maximum string diam All lengths in</div>
<div>DISCLAIMER</div> <div>THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.</div>		
<div>OTHER SERVICES FOR RUN4</div> <div>Gamma Ray Directional Surveys Directional Drilling</div>	<div>OTHER SERVICES FOR RUN</div>	<div>OTHER SERVICES FOR RUN</div>
<div>REMARKS: RUN NUMBER 4</div> <div>6 in. hole was drilled from 3625.4 to 3726.0m.</div> <div>Depth is referenced to the Driller's Depth.</div> <div>Gamma Ray is corrected for Tool Size, Bit Size, and Mud Weight.</div> <div>Mud type is KCI/PHPA/Glycol.</div> <div>Mud contains Barite.</div> <div>POOH due to reaching TD of FLA-A18a .</div> <div>Thank you for using Schlumberger.</div>	<div>REMARKS: RUN NUMBER</div>	<div>REMARKS: RUN NUMBER</div>
<div>EQUIPMENT DESCRIPTION</div> <div>RUN4RUNRUN</div>		

DOWNHOLE EQ



Smith Inse
6 in. O
XR30TODPD S

Maximum string diam
All lengths in

0.00 0.18

FLA-A18a Gamma Ray 1:500MD

IDEAL Version: ID8_OC_07 <MD > Vertical Scale: 1:500 Graphics File Created: 04-Jul-2003 14:32

PIP SUMMARY

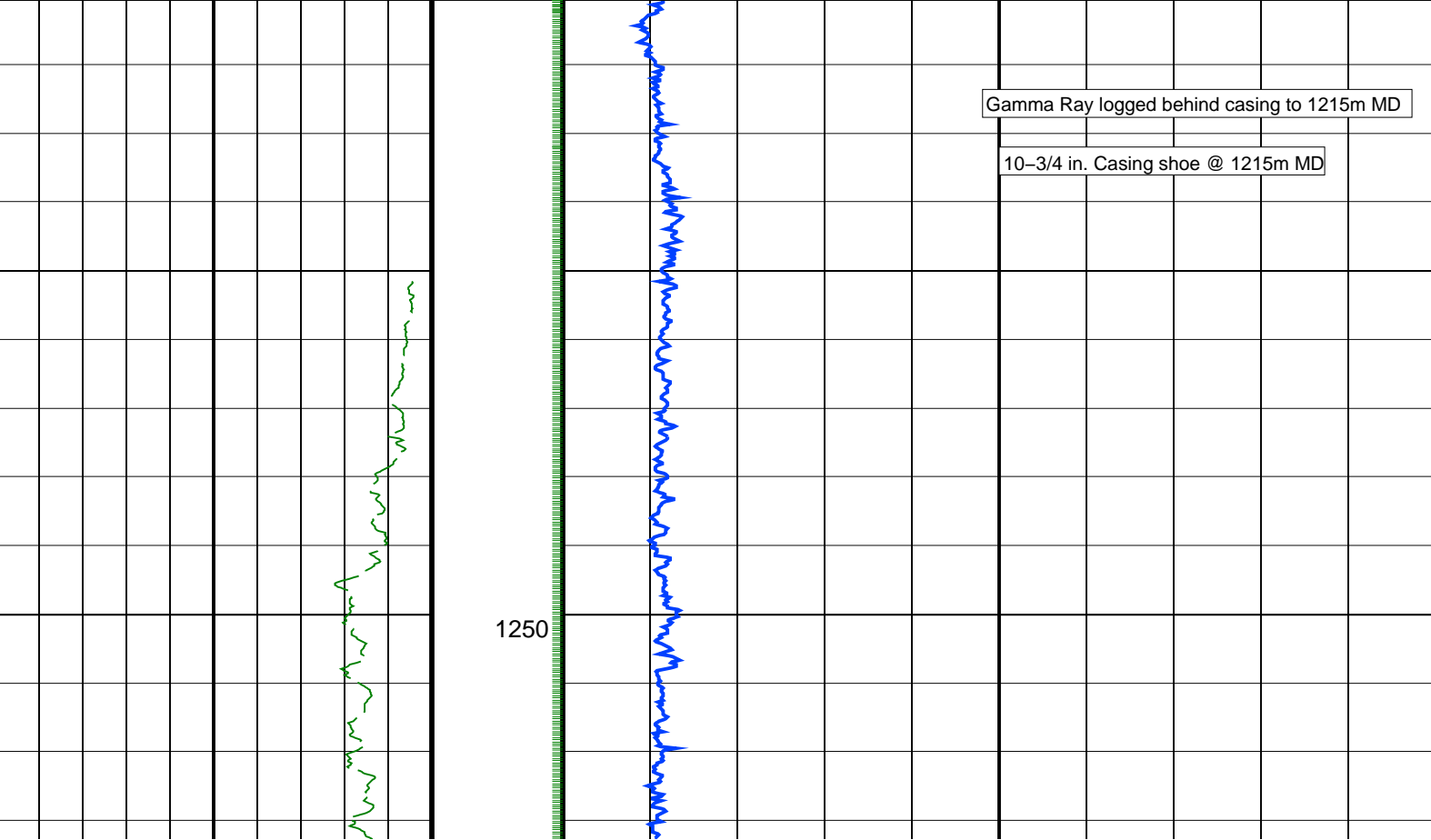
- GR(TM) PIP
- Gamma-Ray Samples

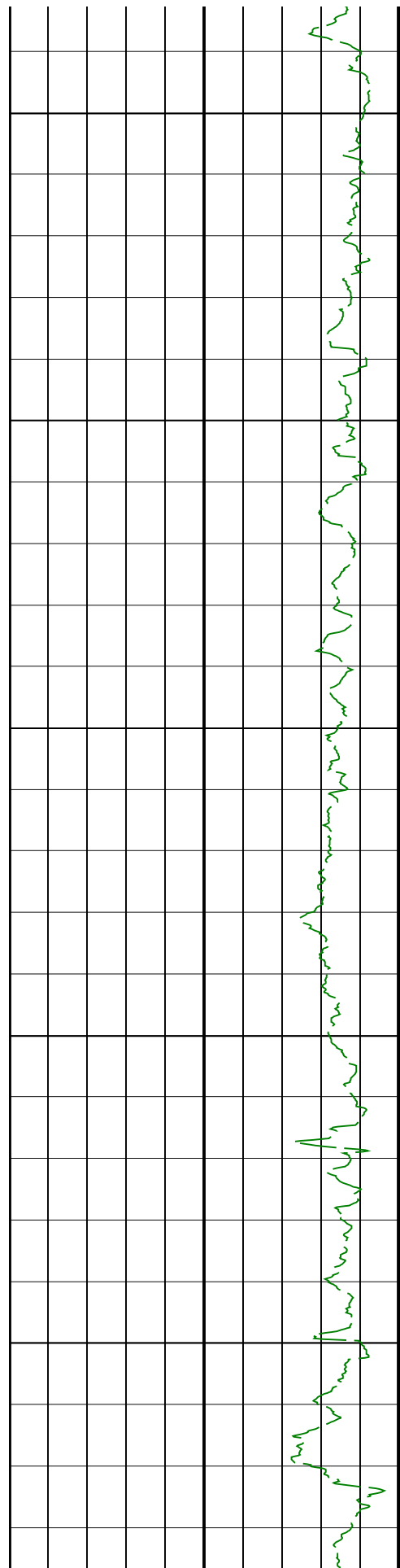
Rate of Penetration, Averaged over Last
5ft (ROP5_RM)
200 (M/HR) 0

ROP*5 (ROP5)
200 (M/HR) 0

SLIMPULSE BHC Gr (GR_SPULSE_BHC)
0 (GAPI) 400

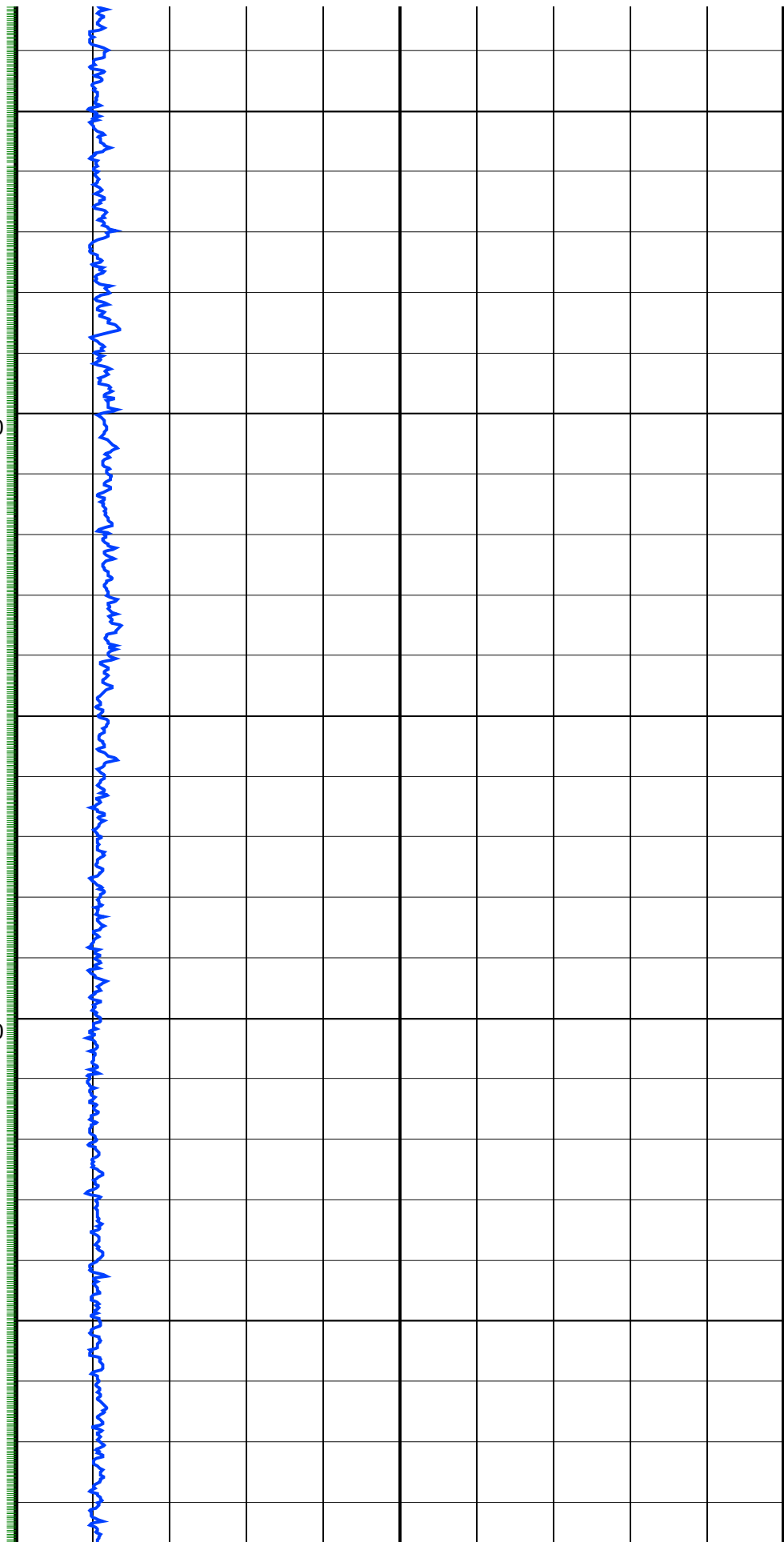
GR(TM) (GRM1)
0 (GAPI) 400

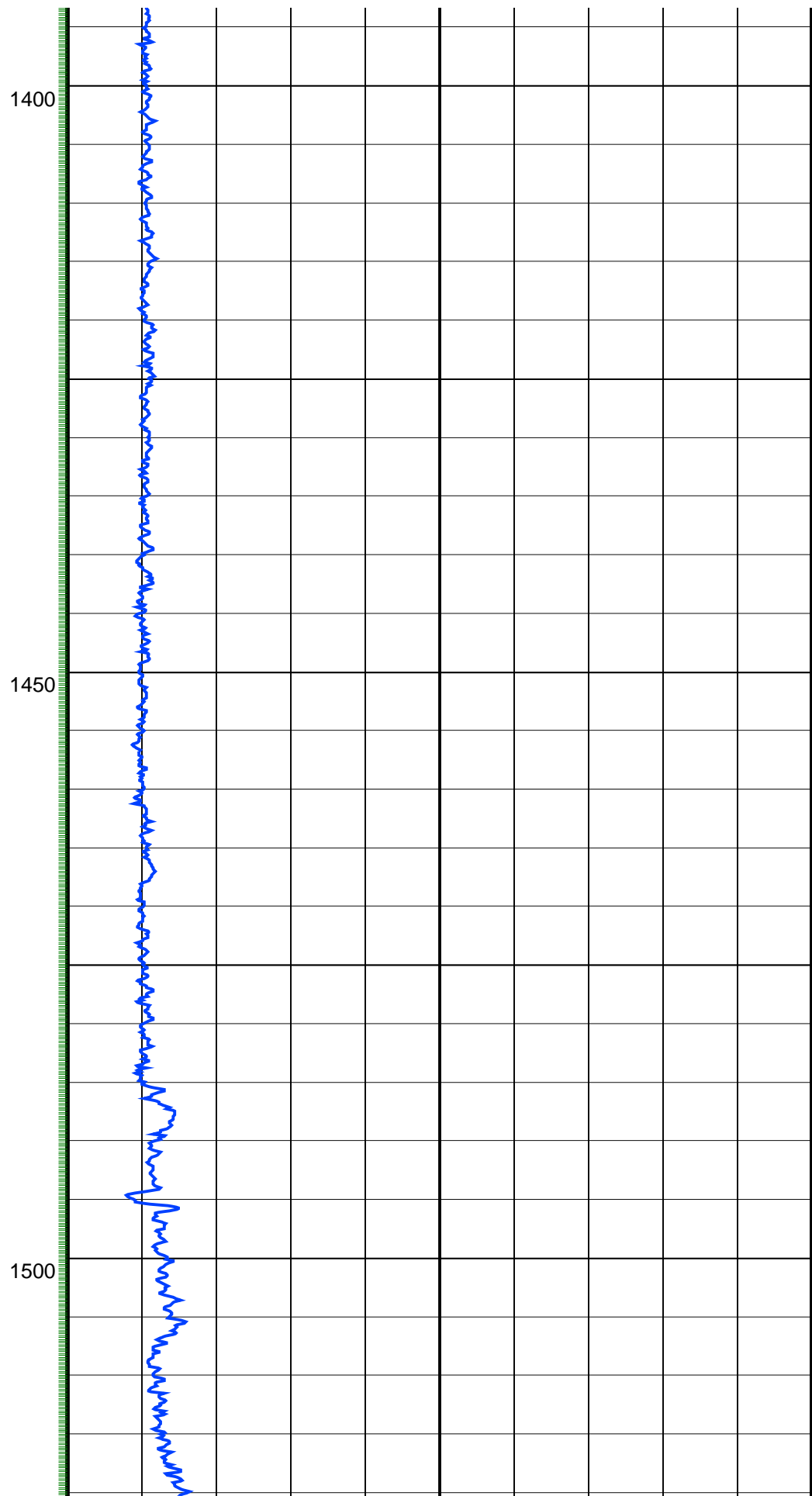
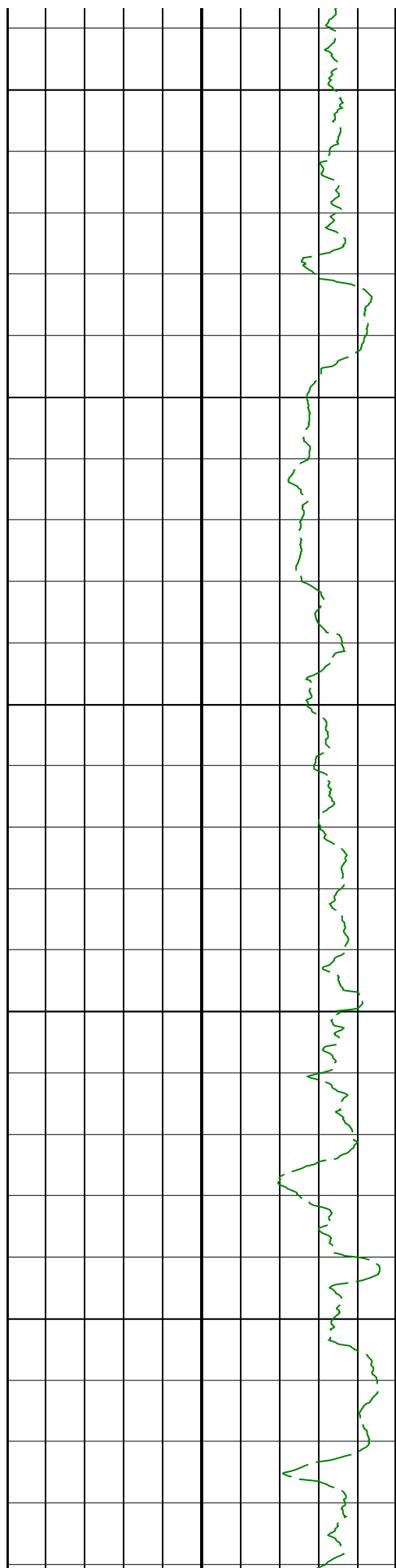


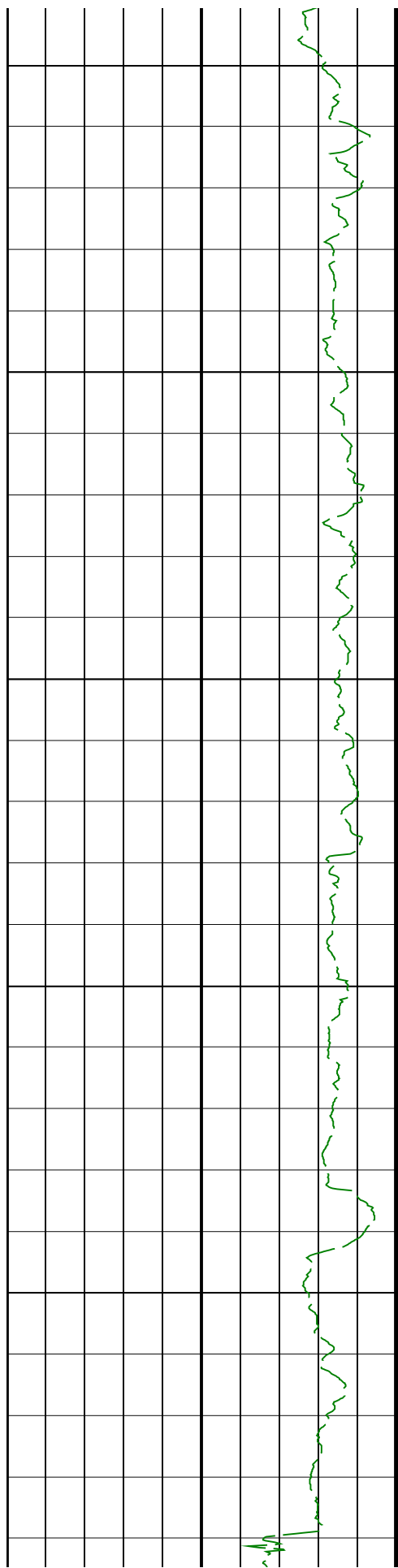


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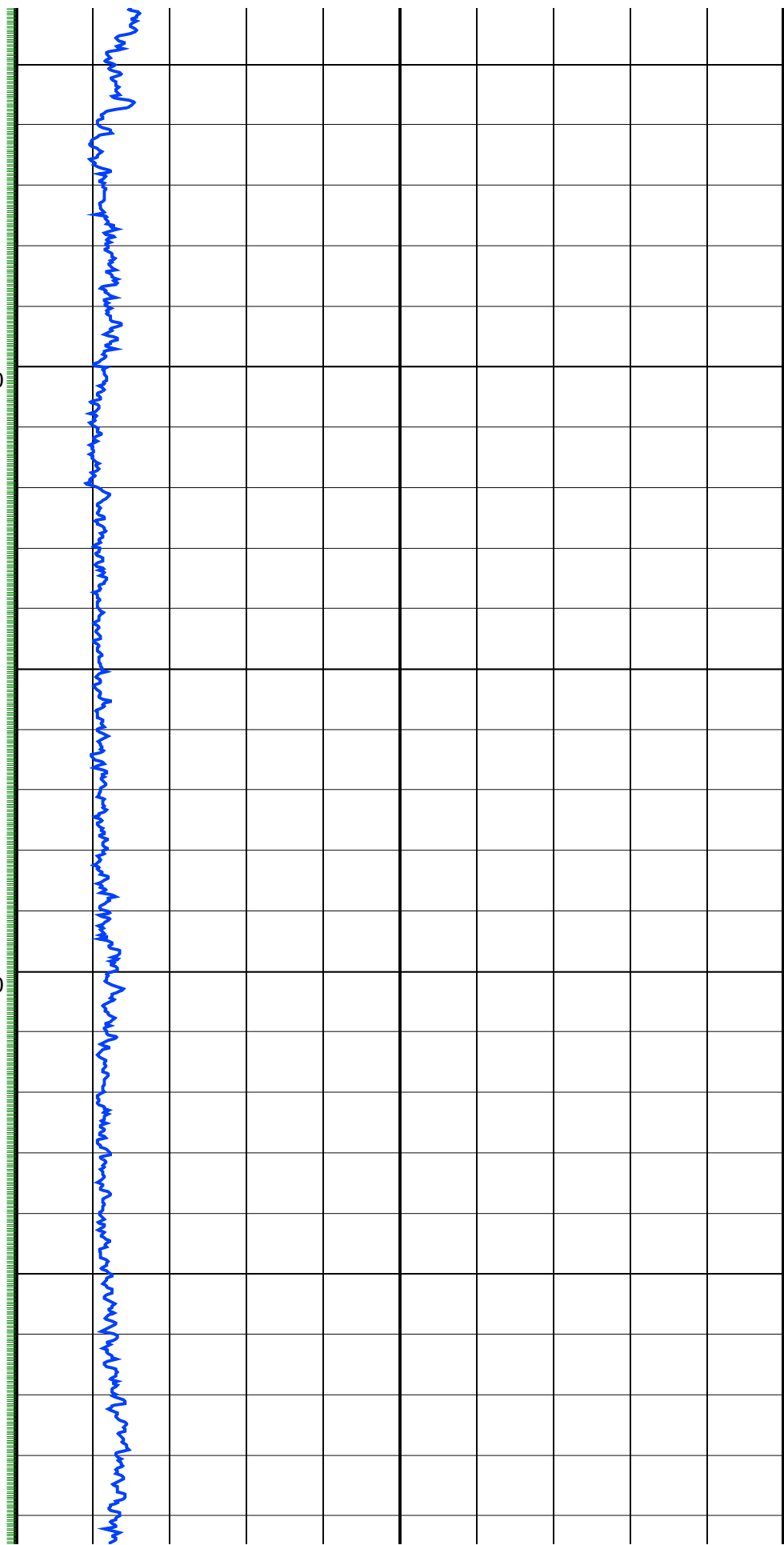


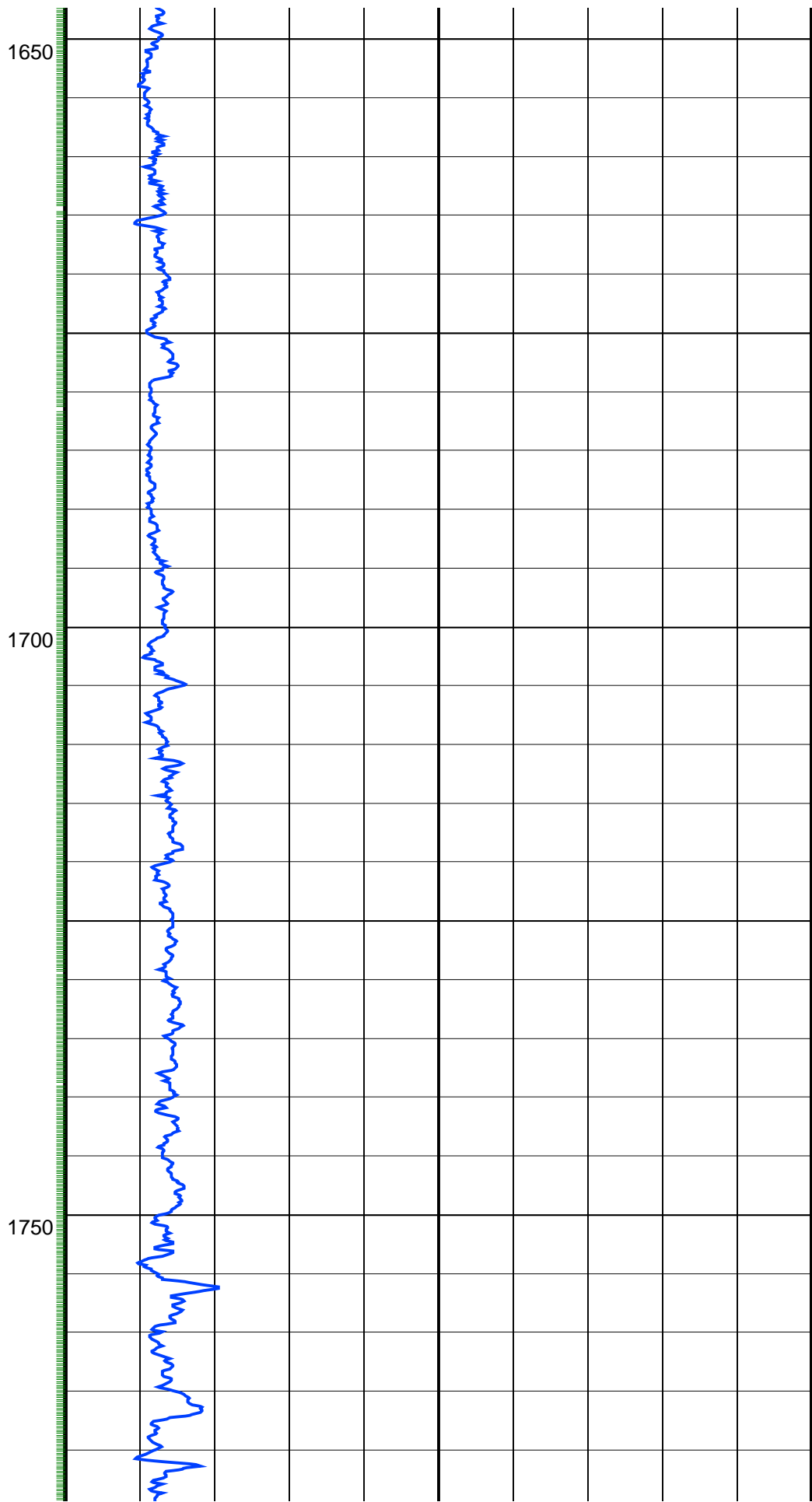
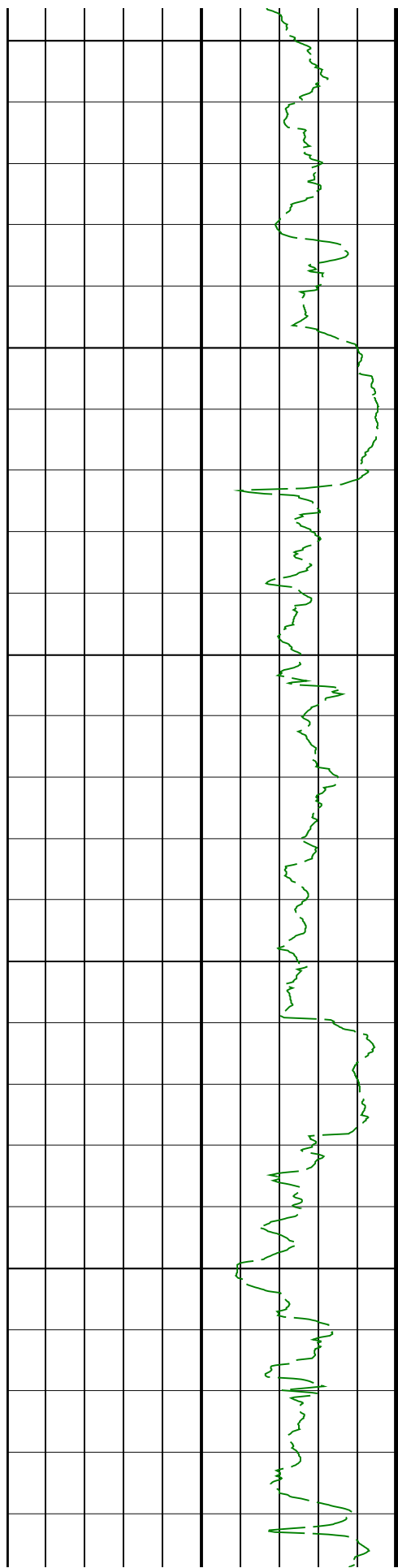


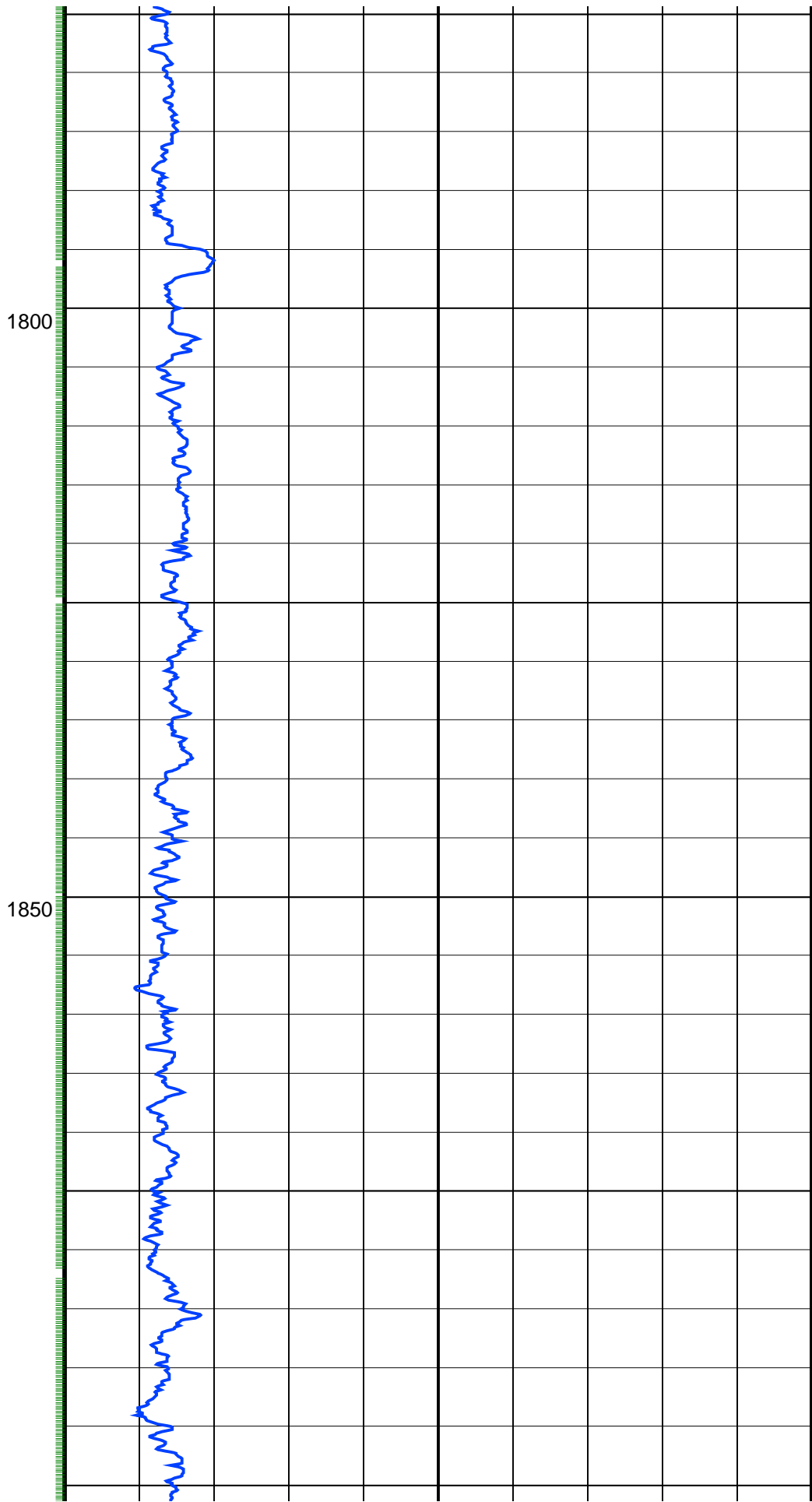
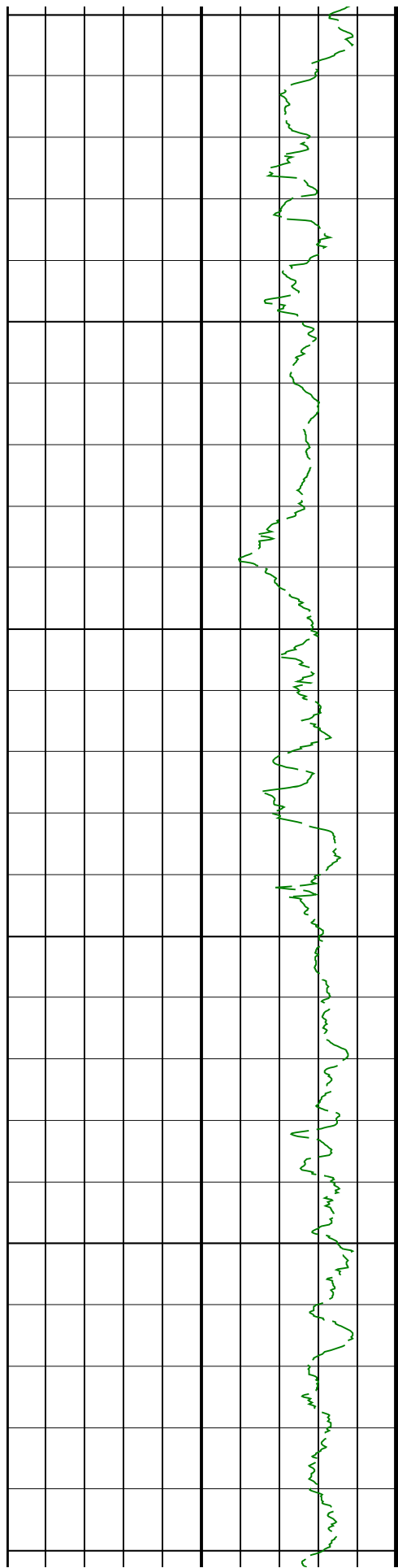


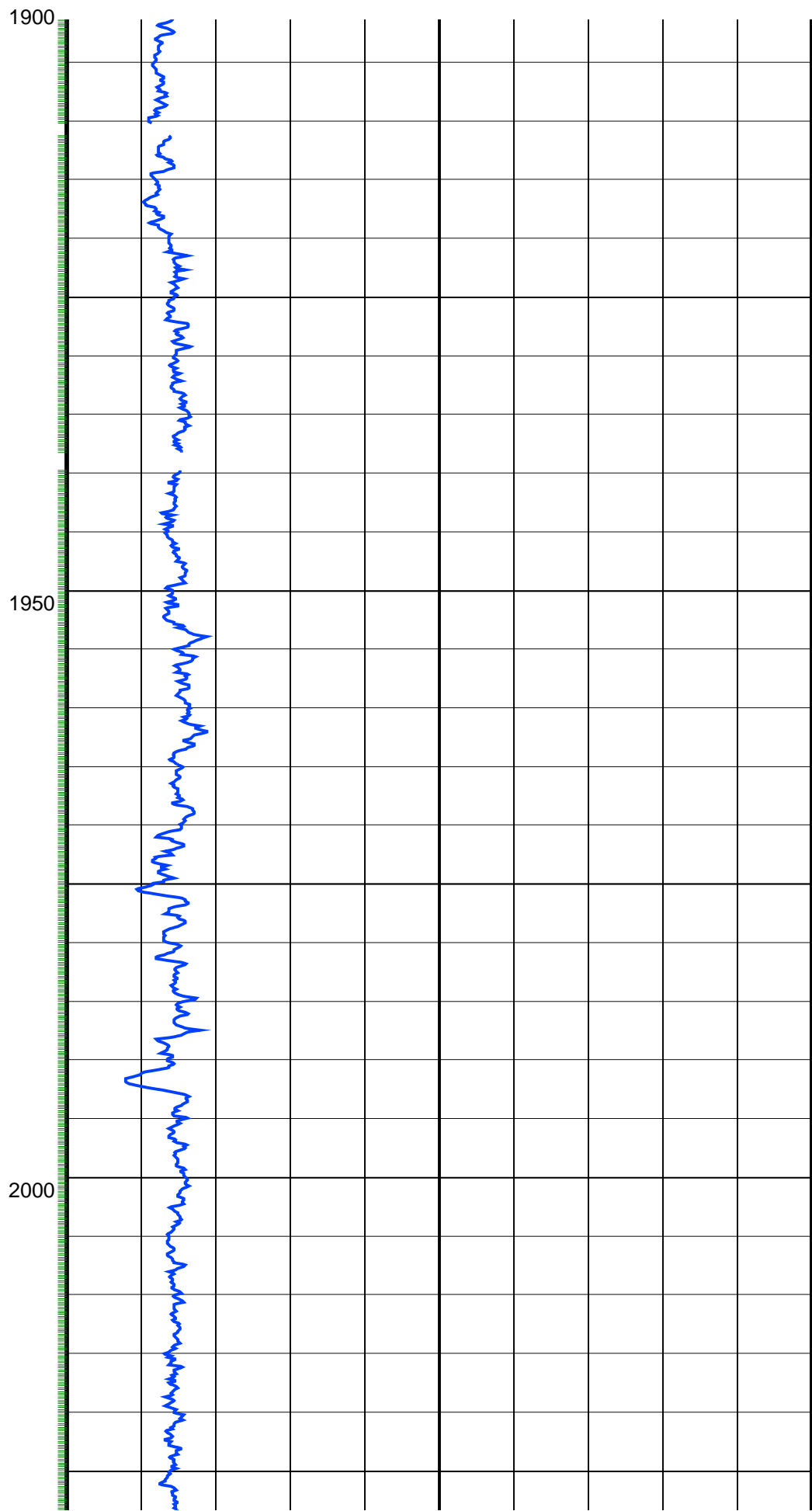
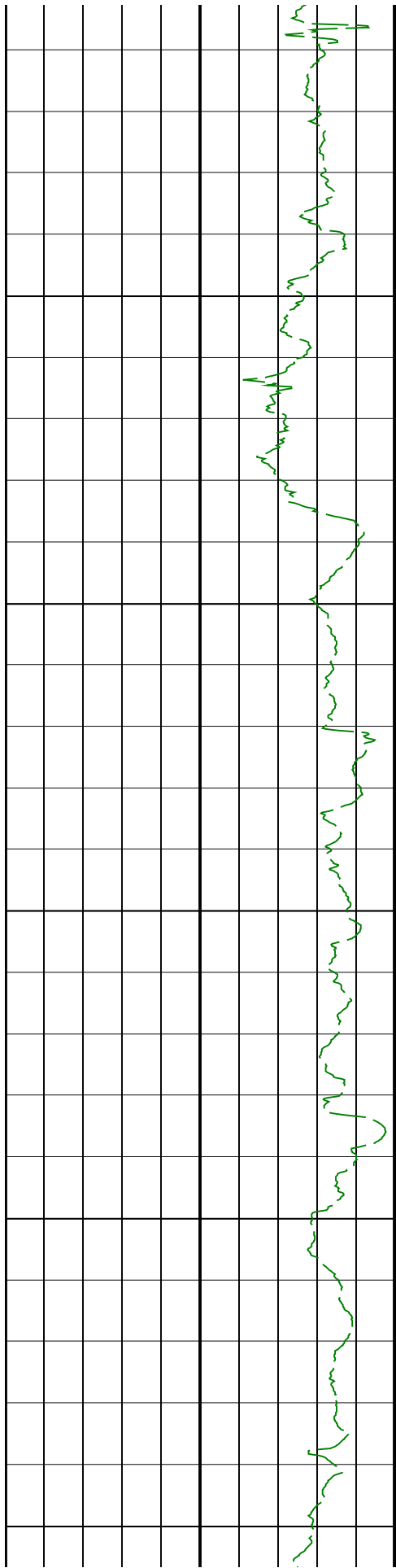
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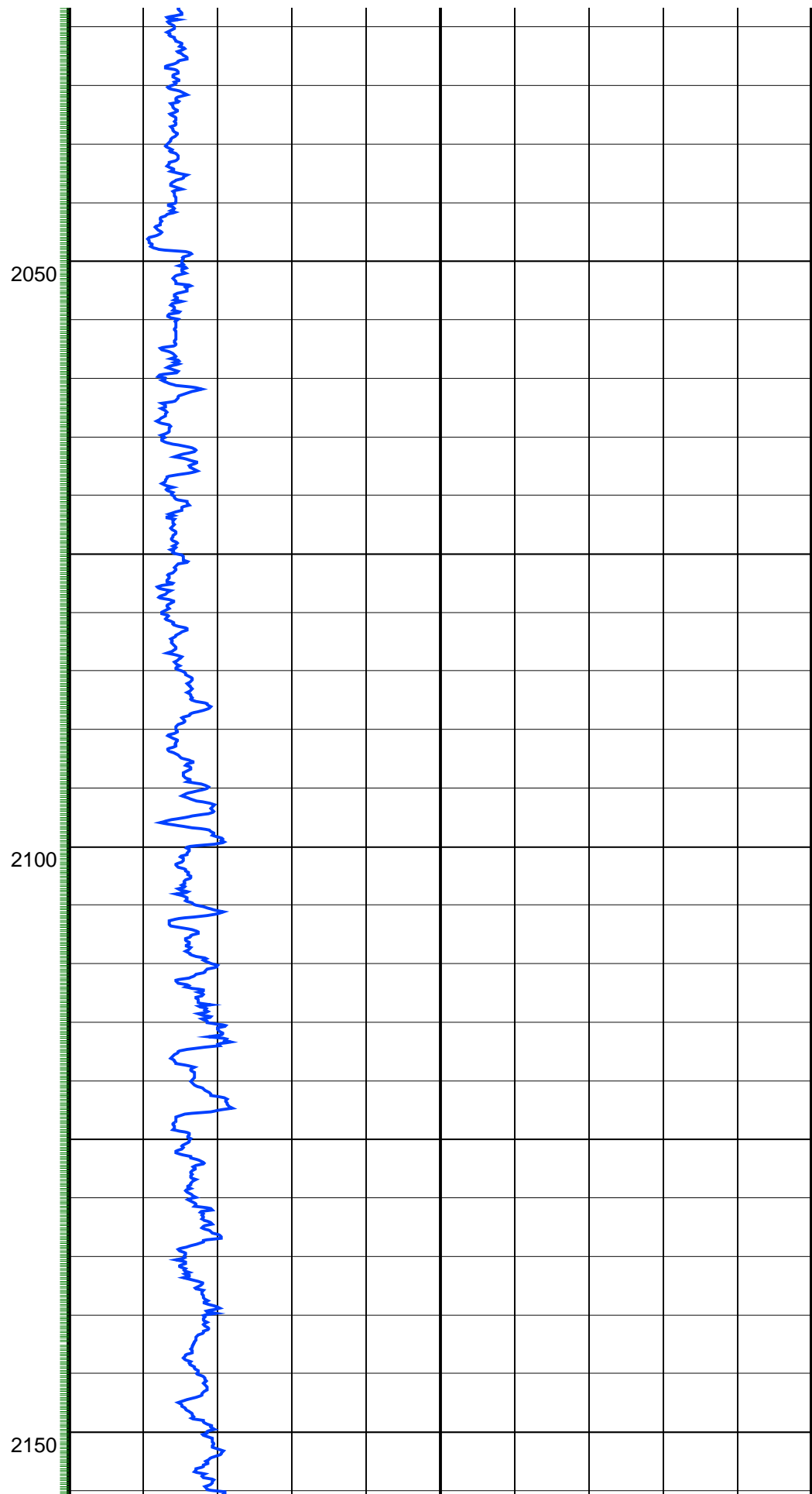
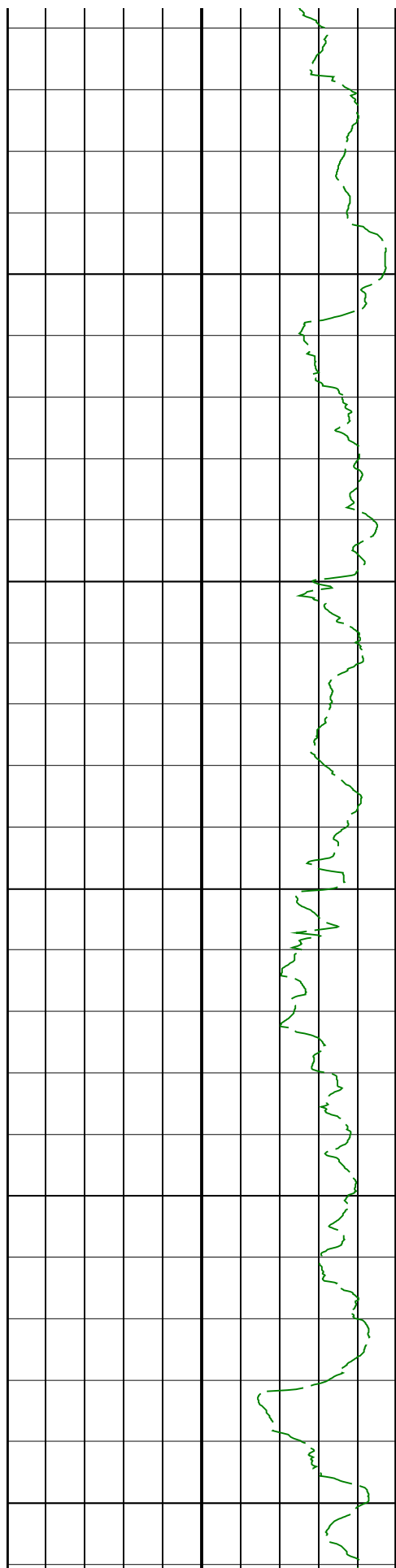
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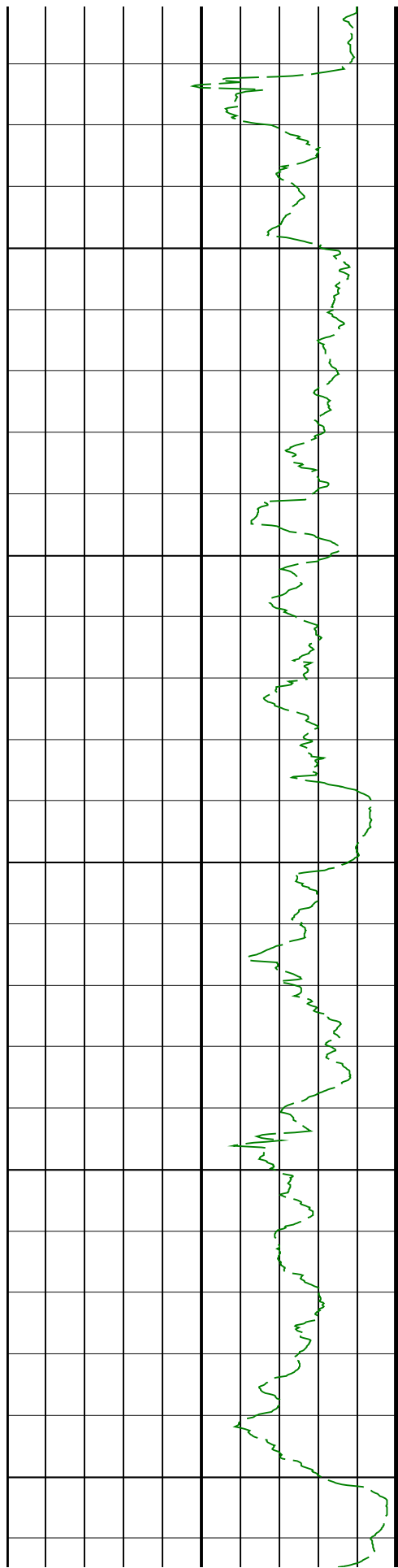






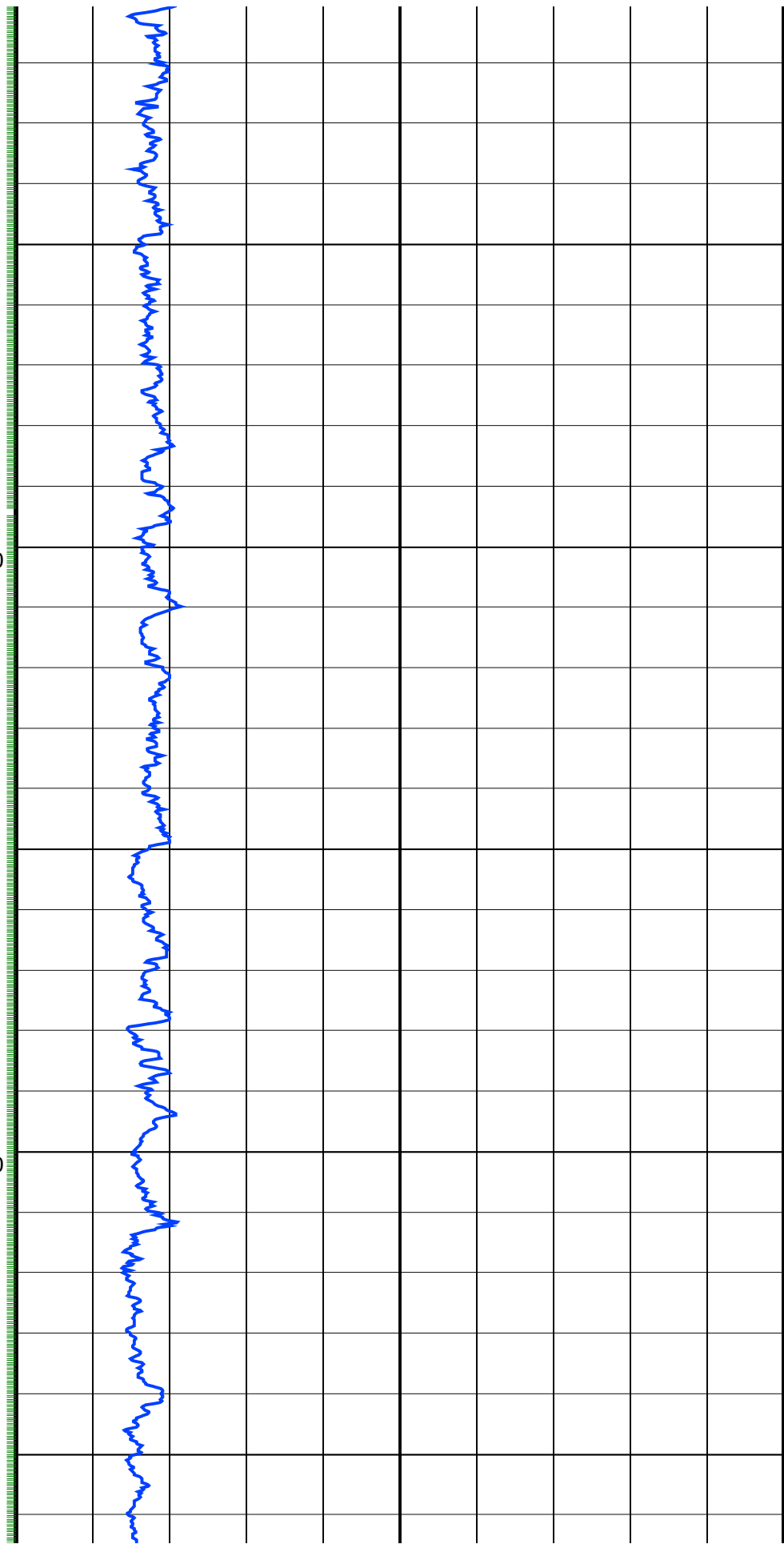


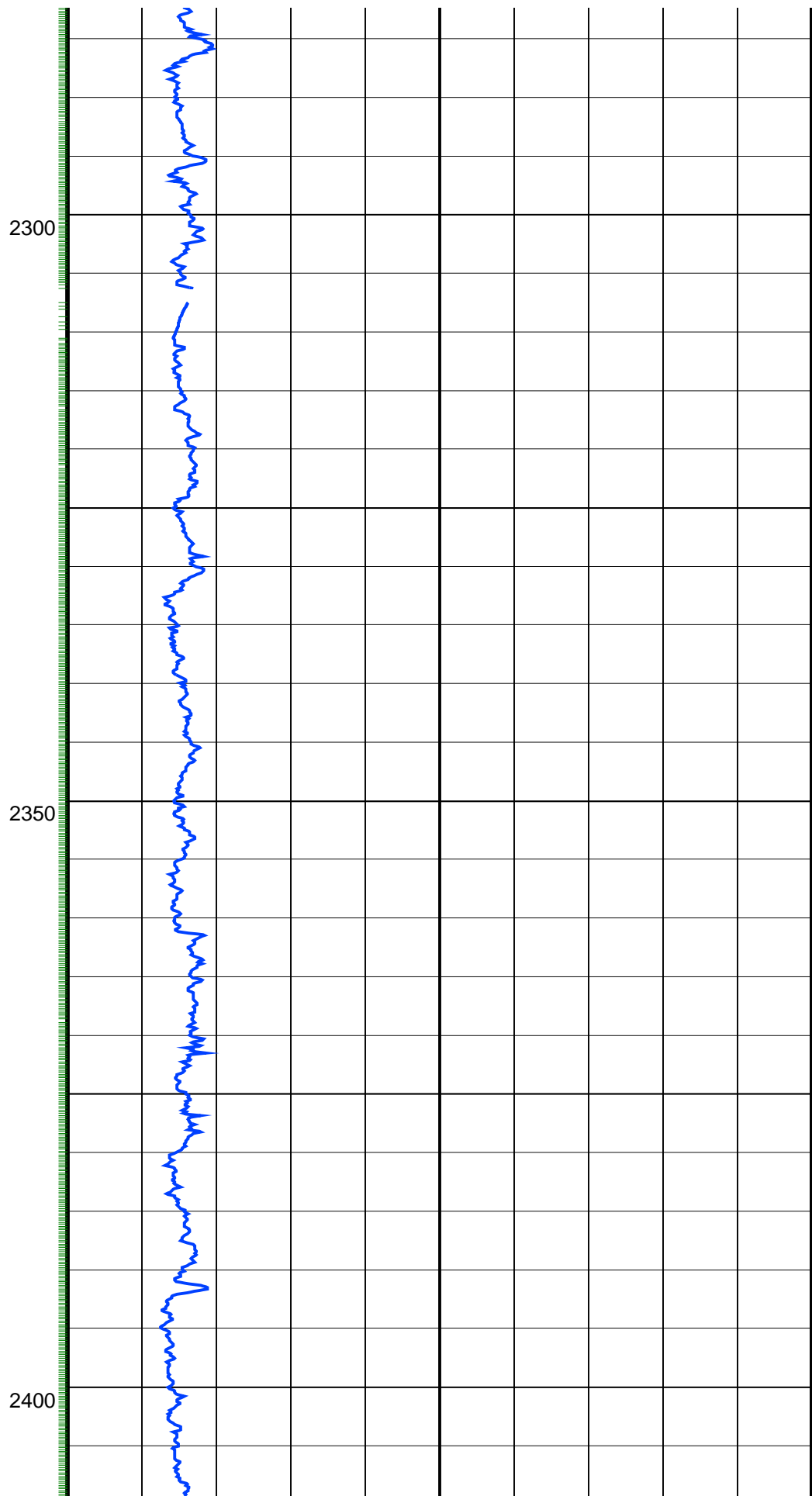
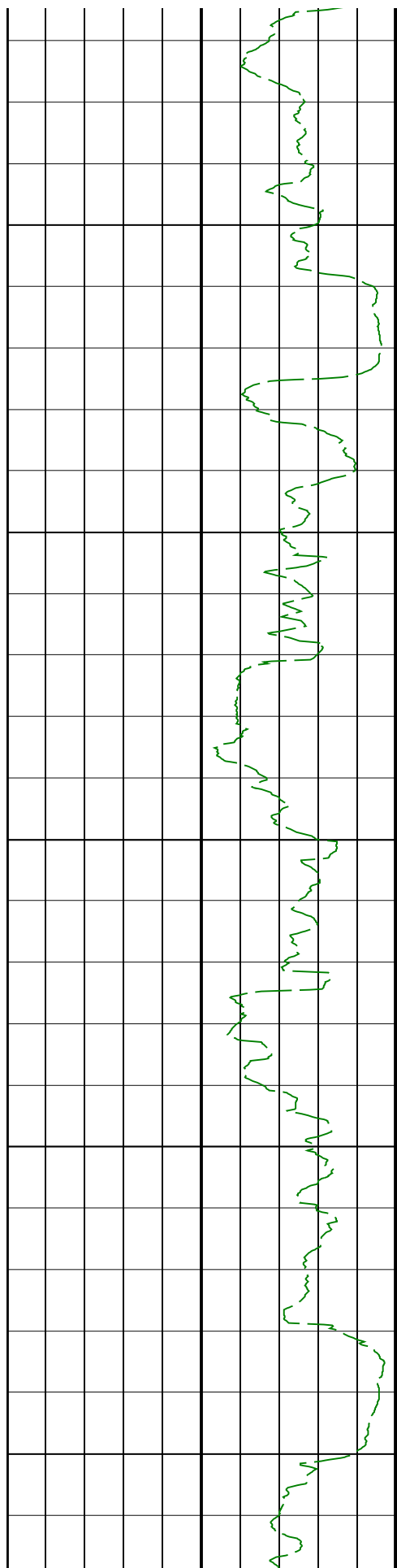


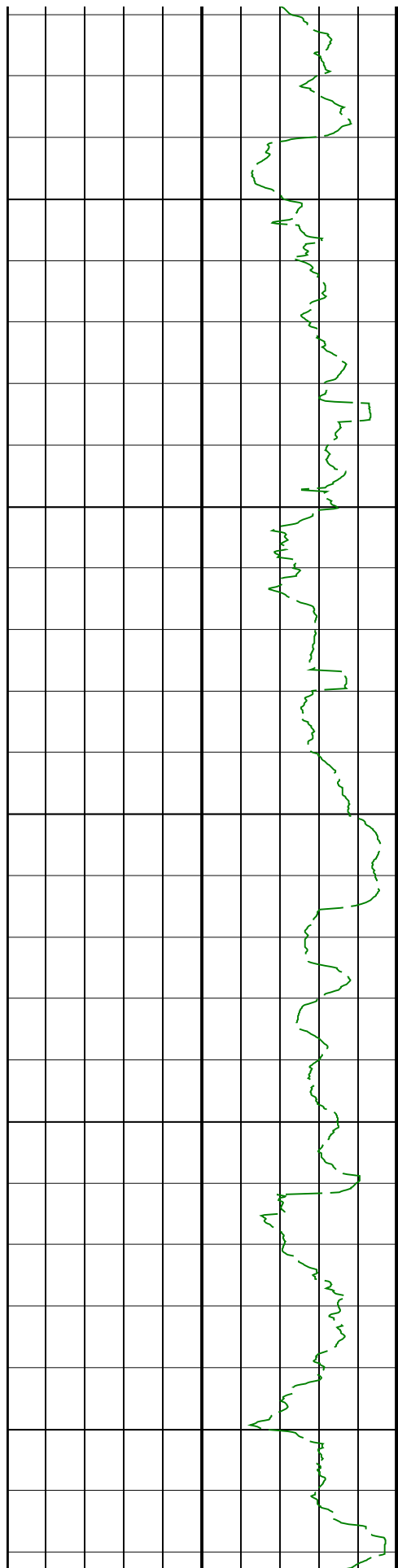


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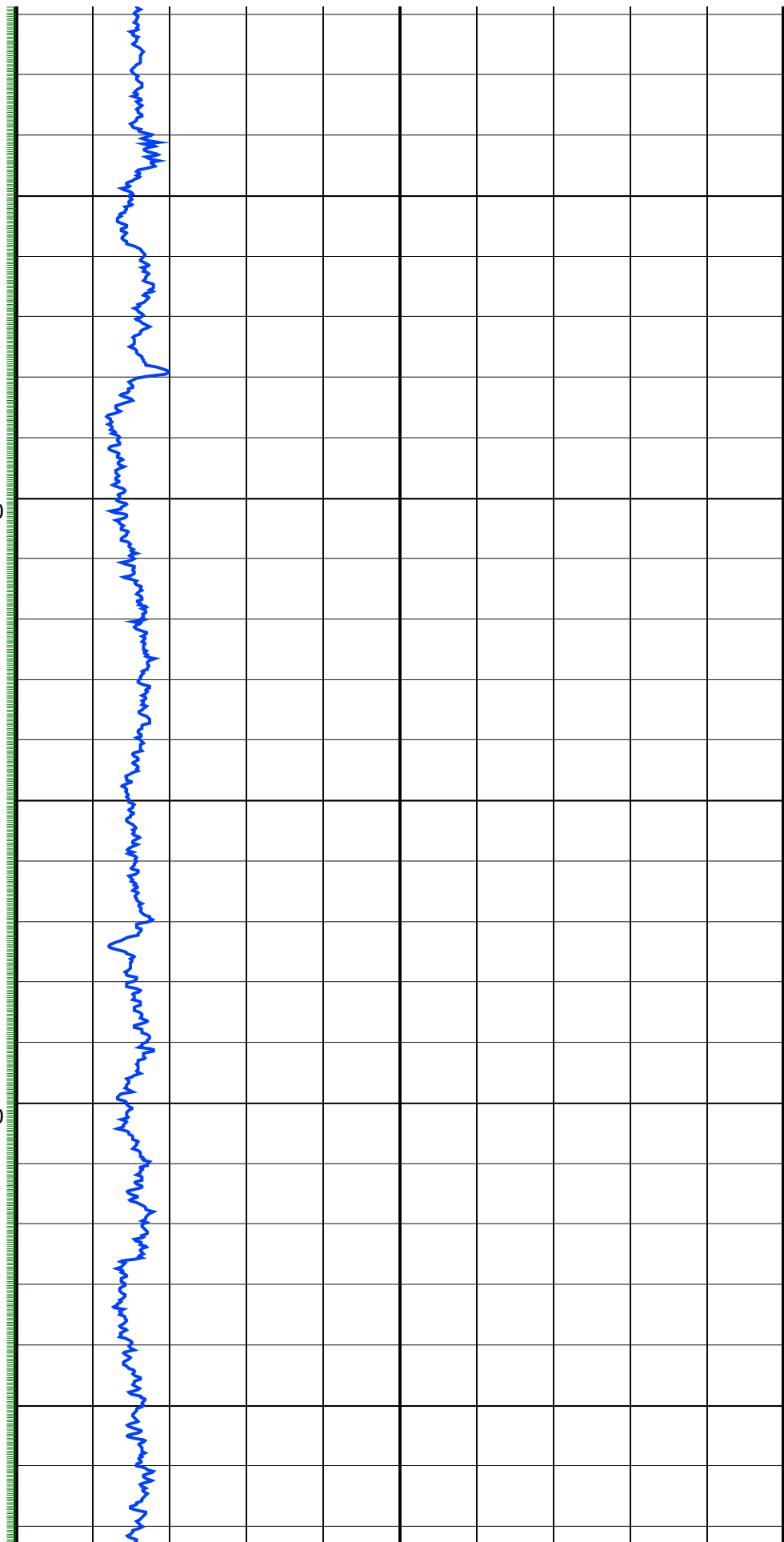


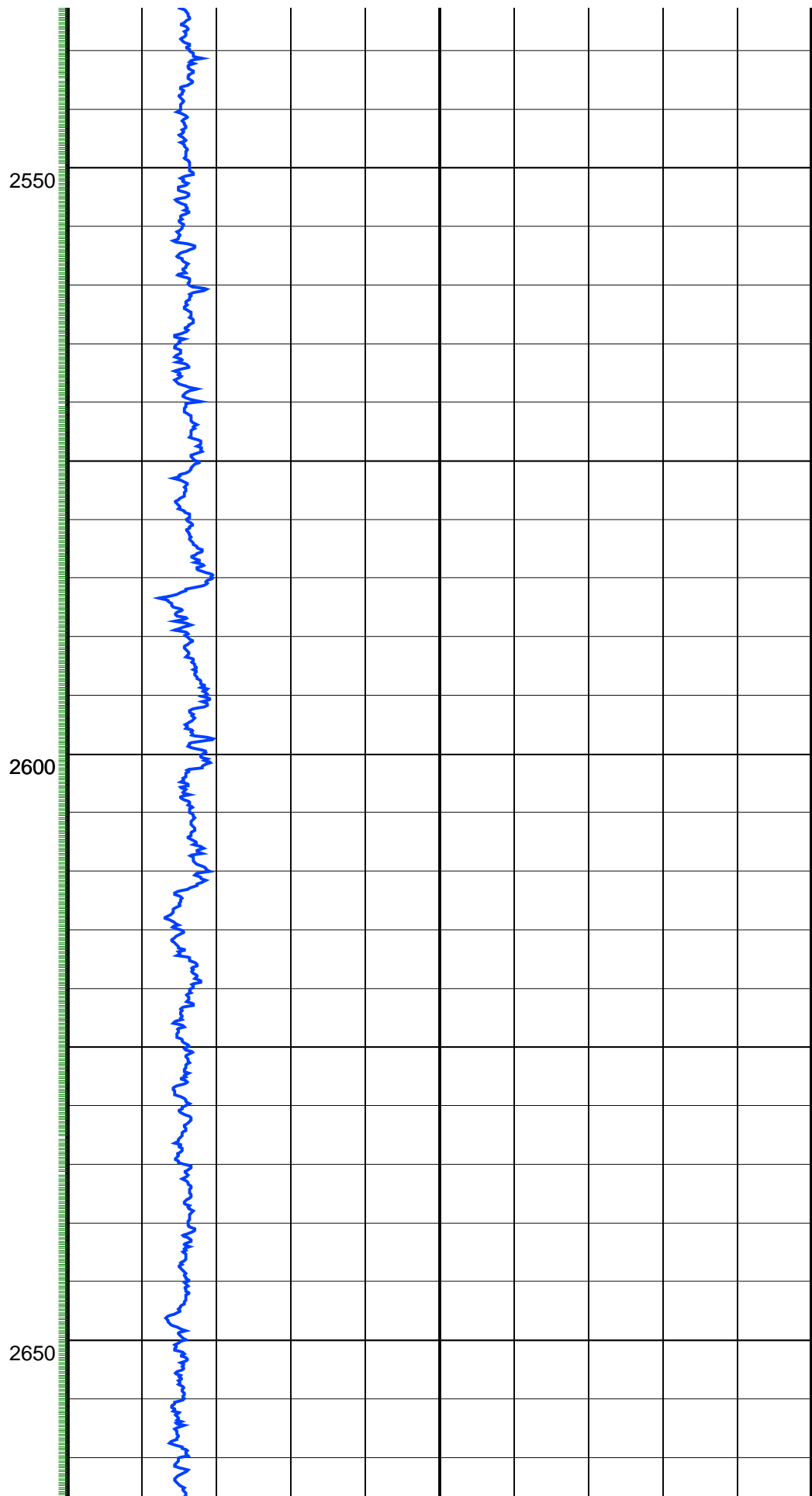
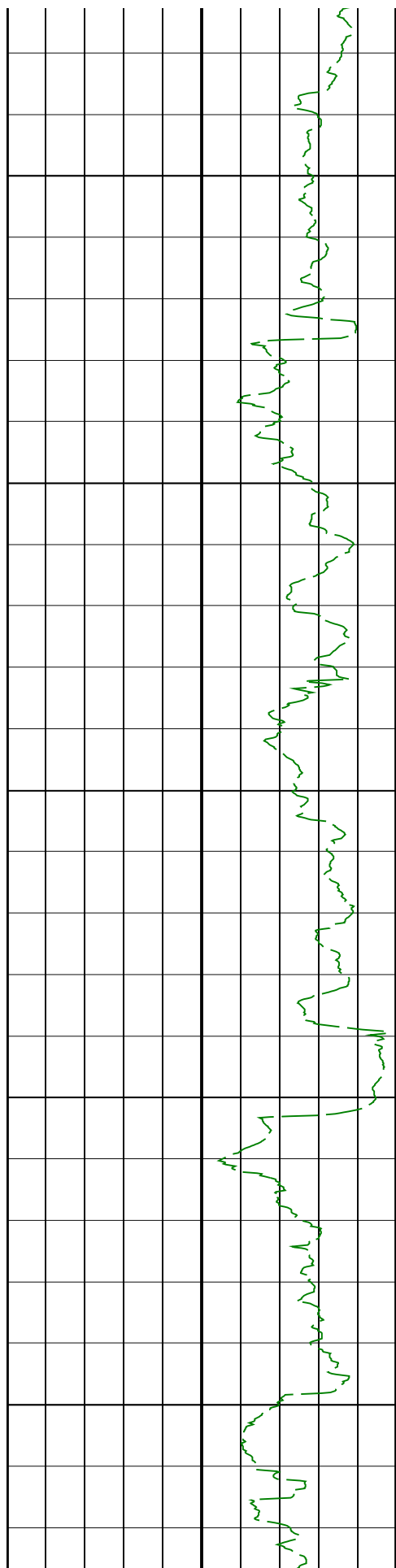


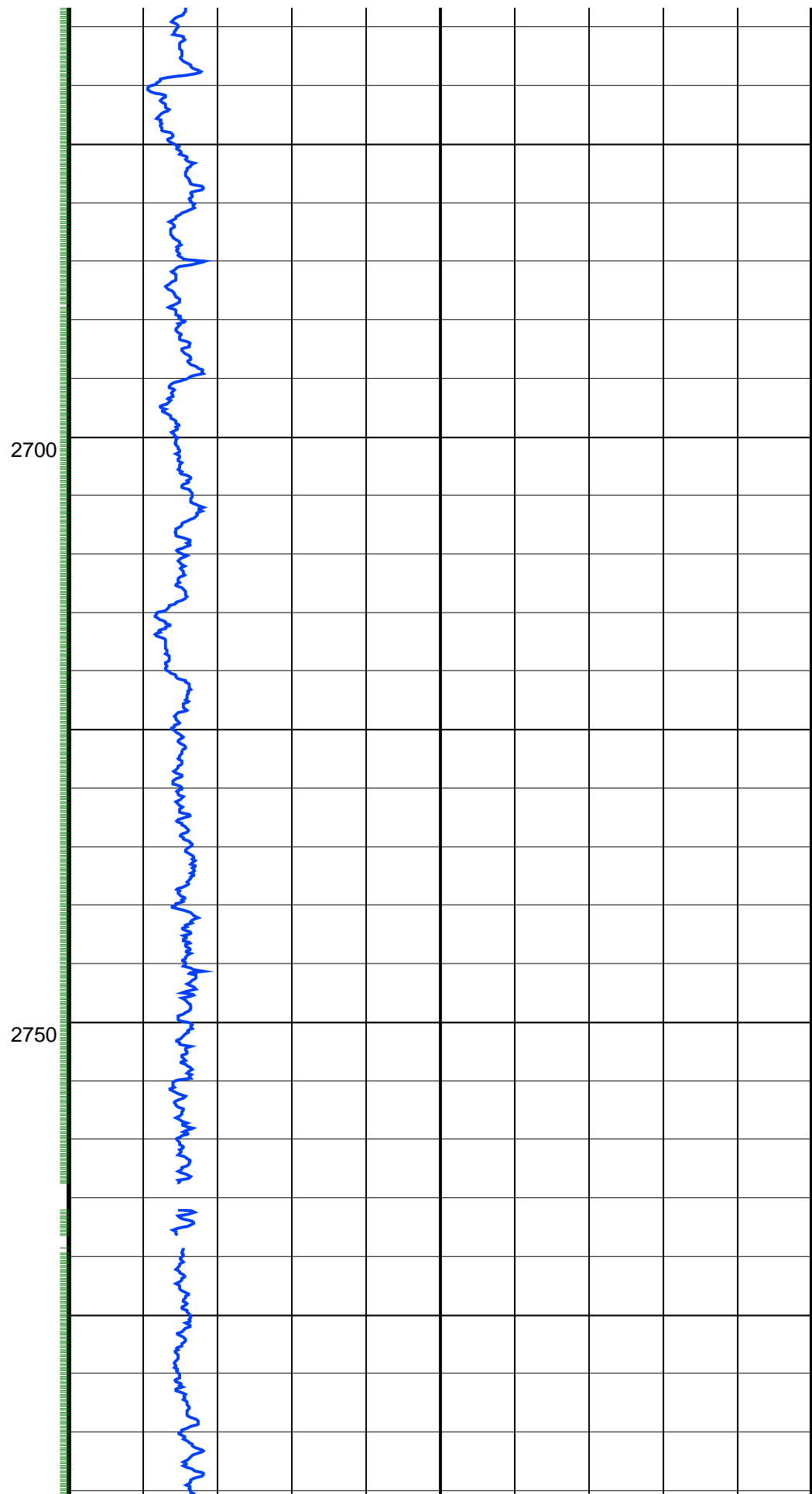
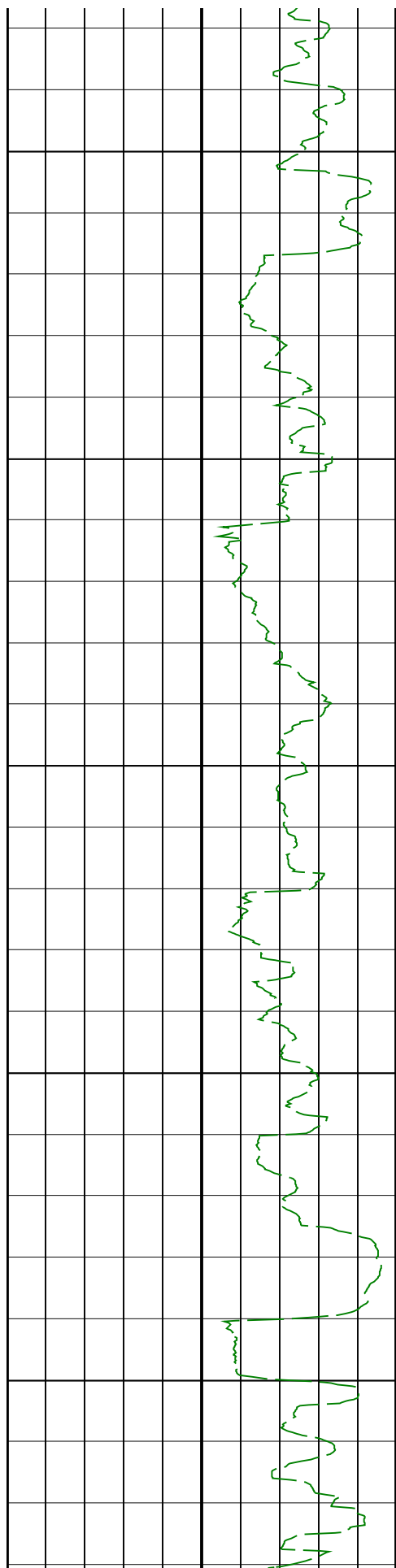


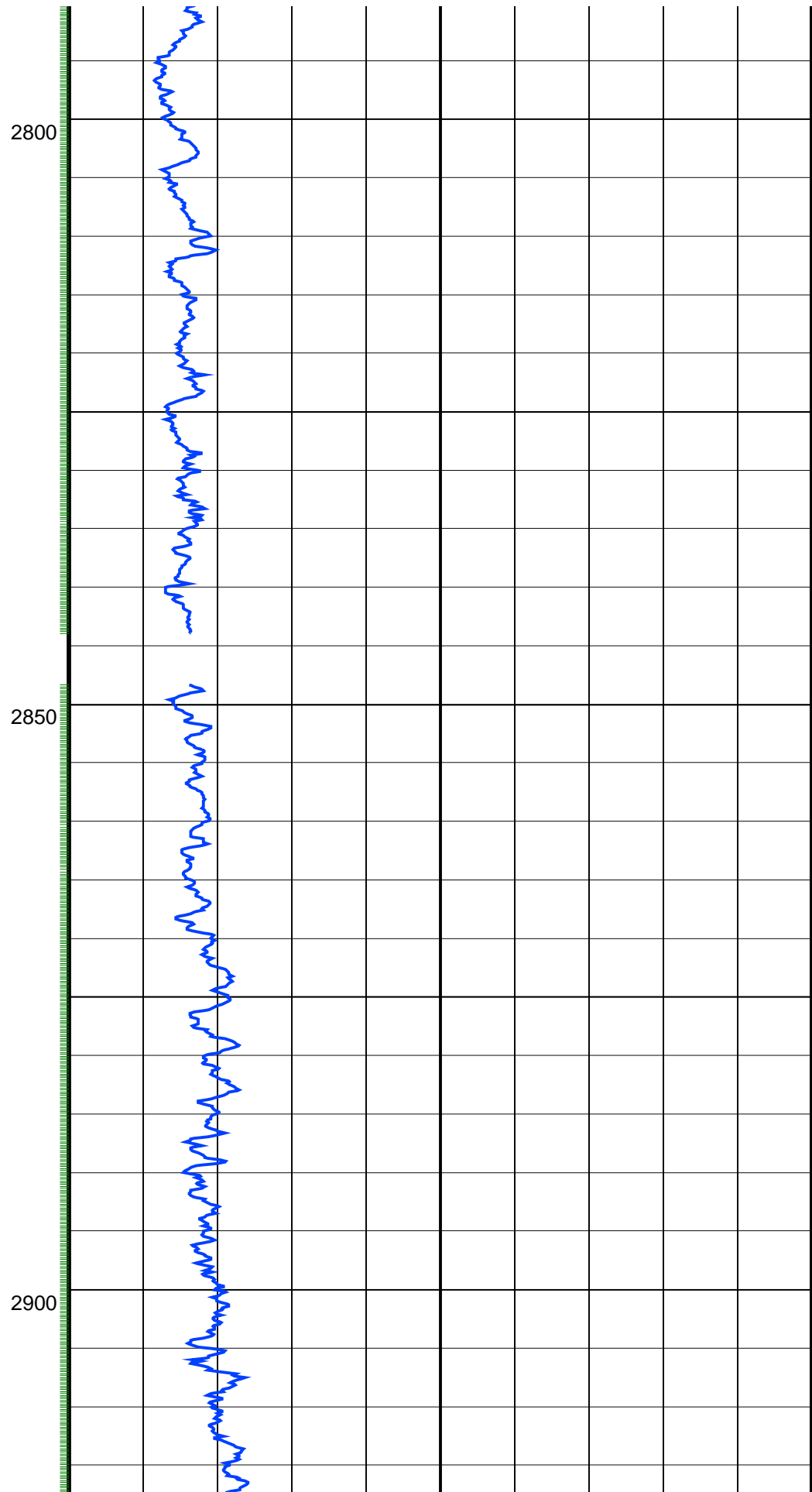
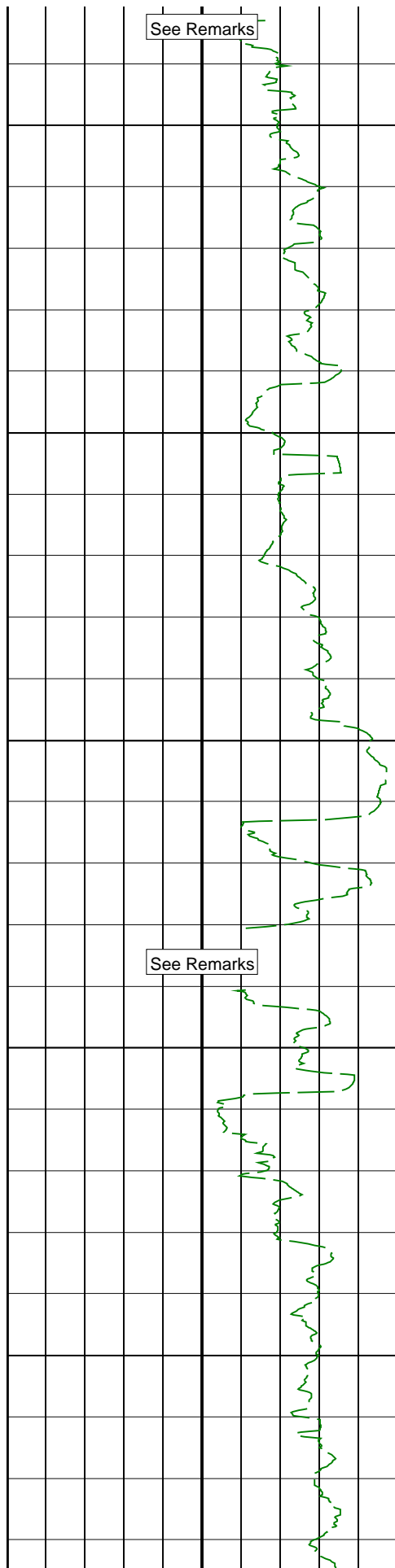
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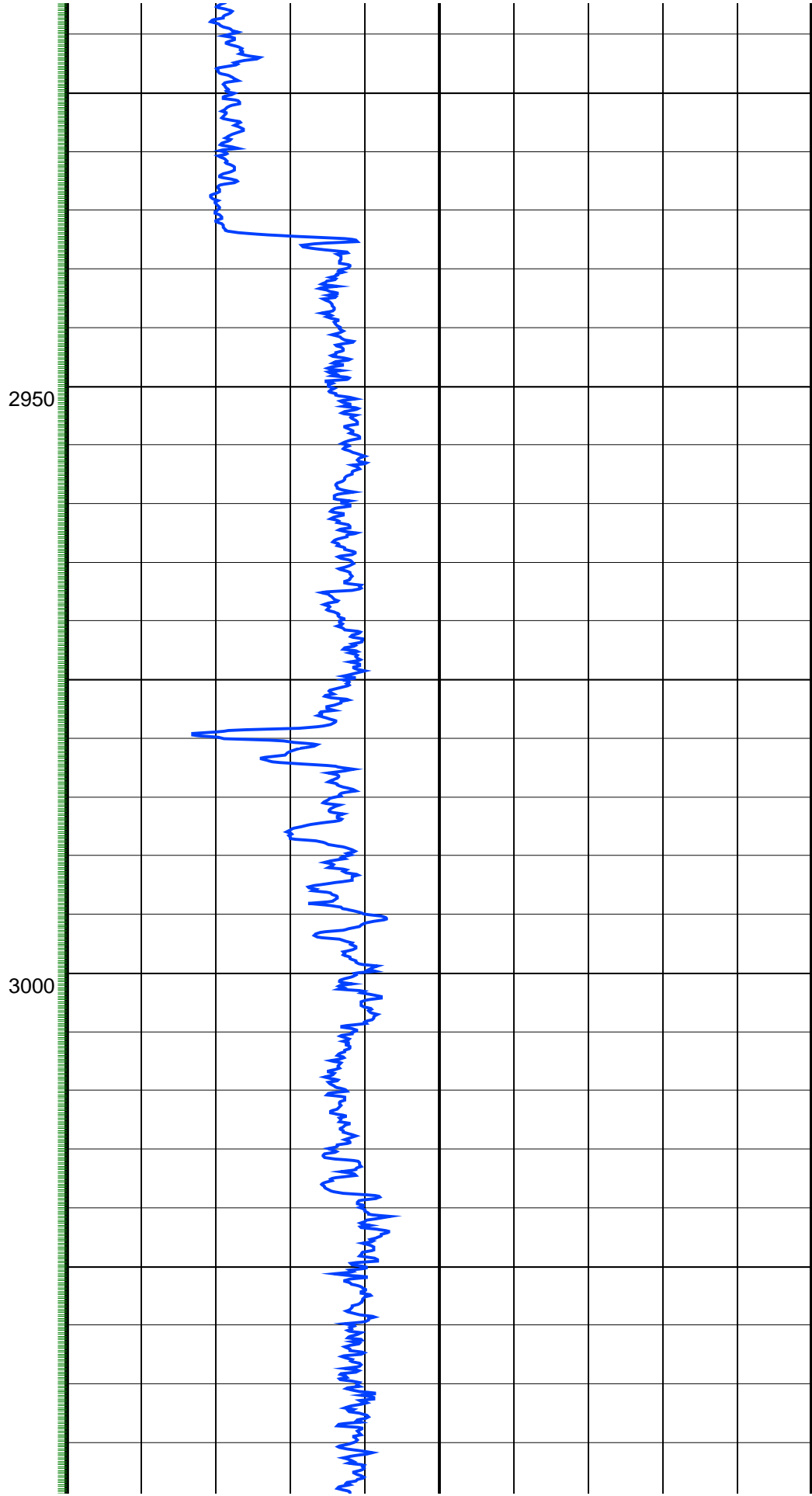
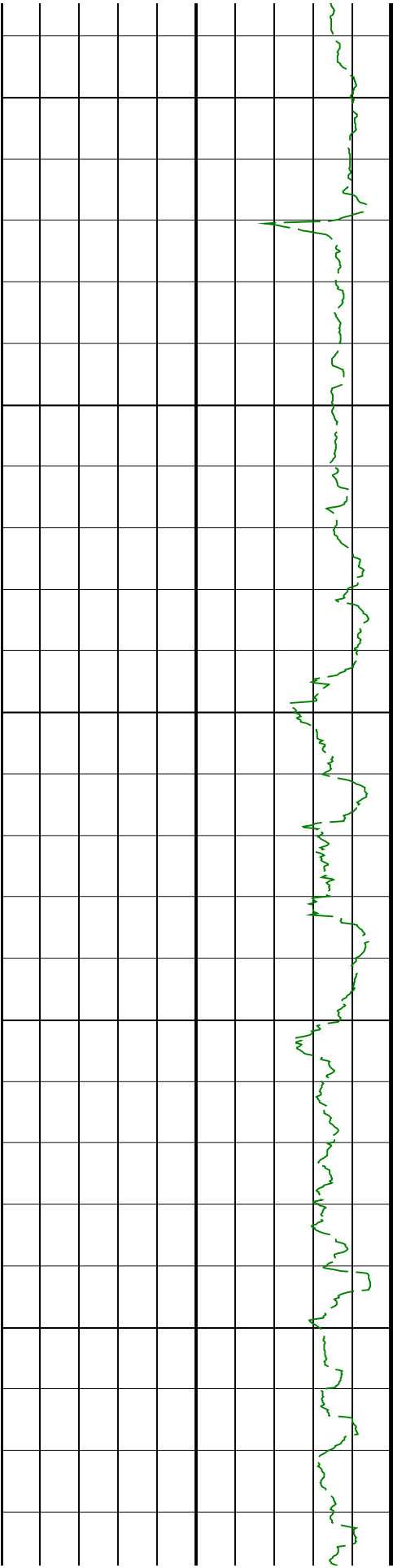
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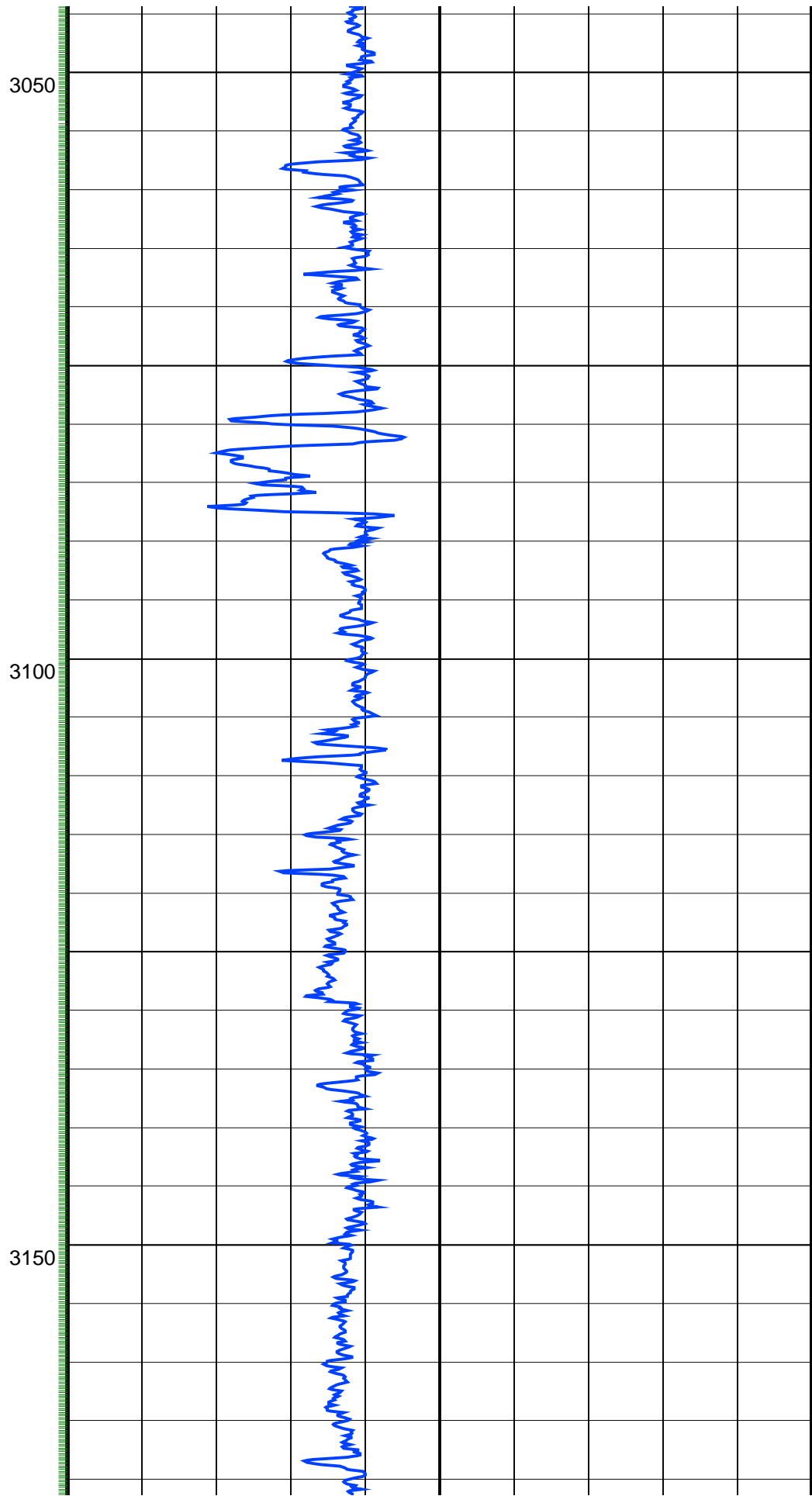
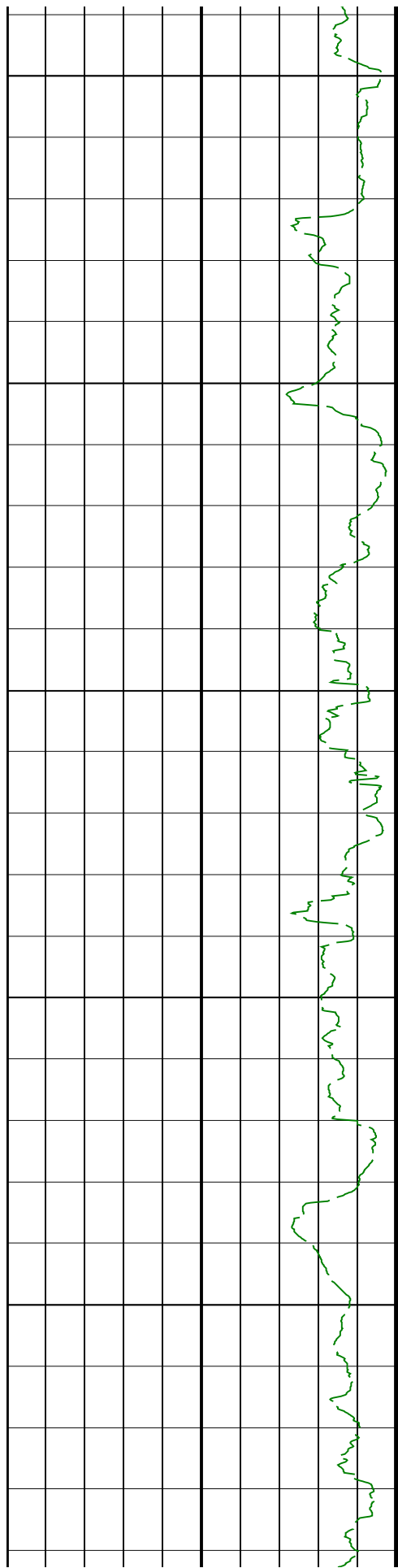


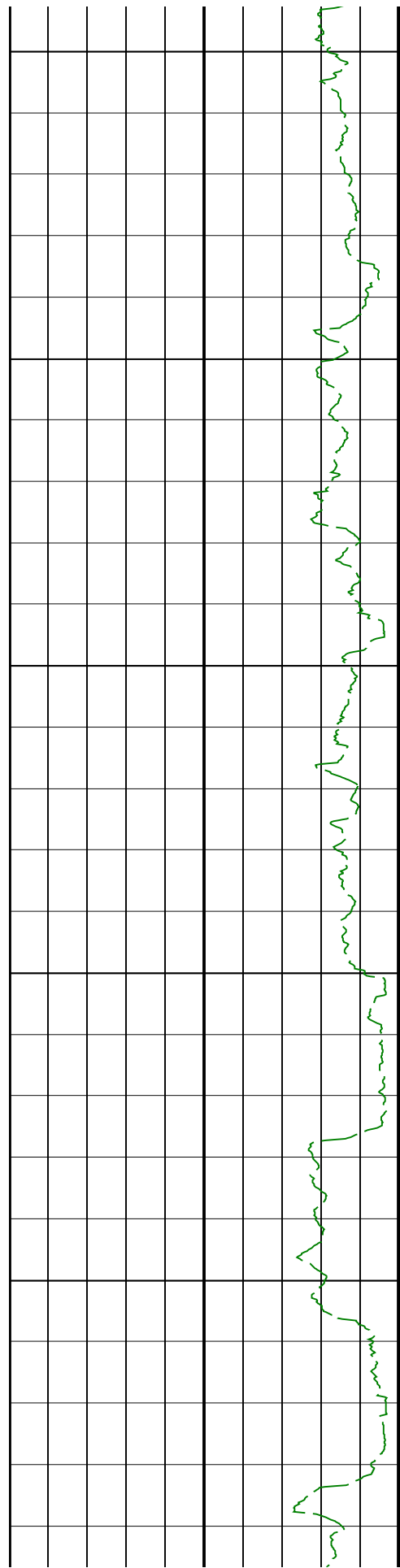






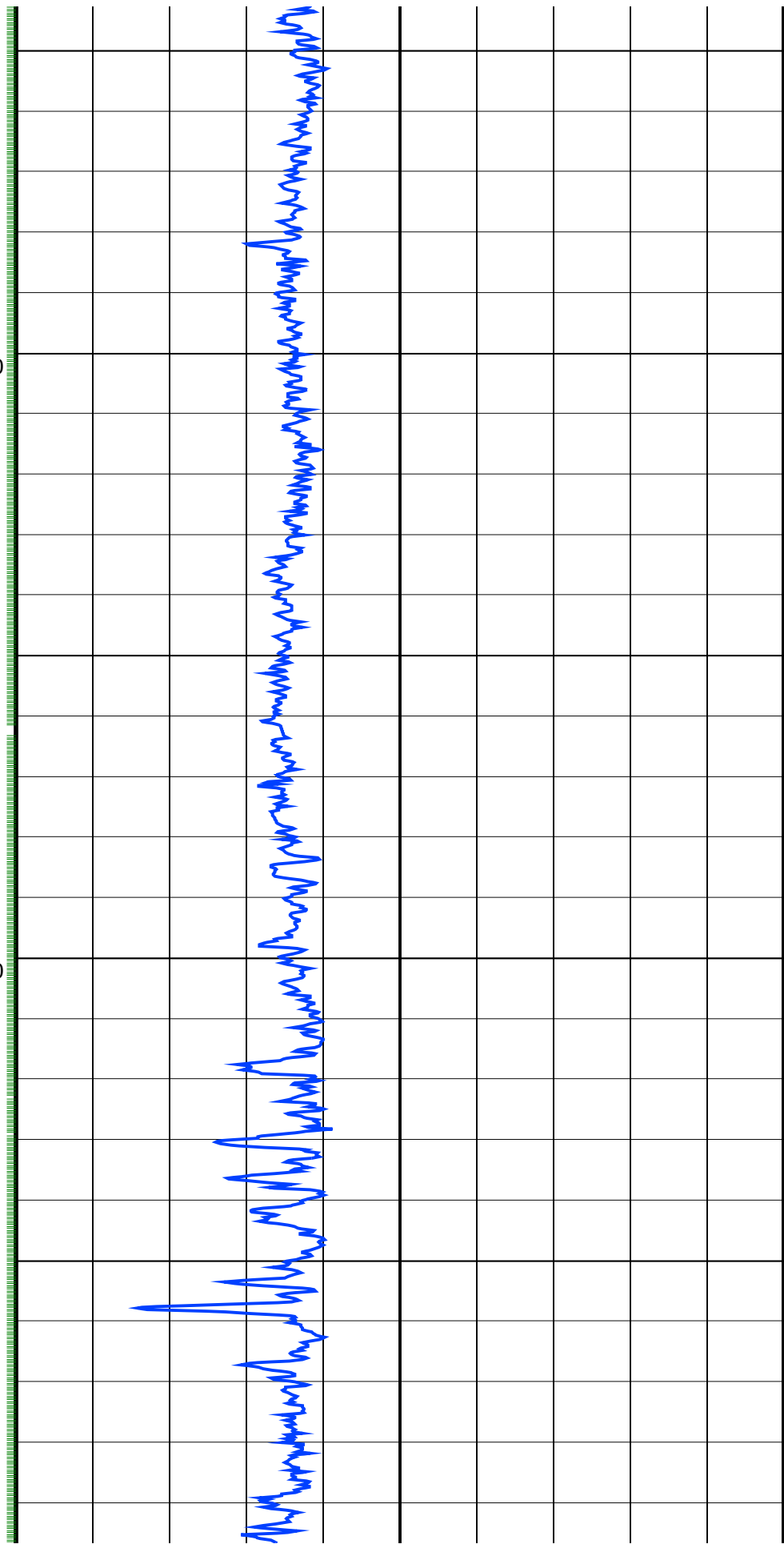


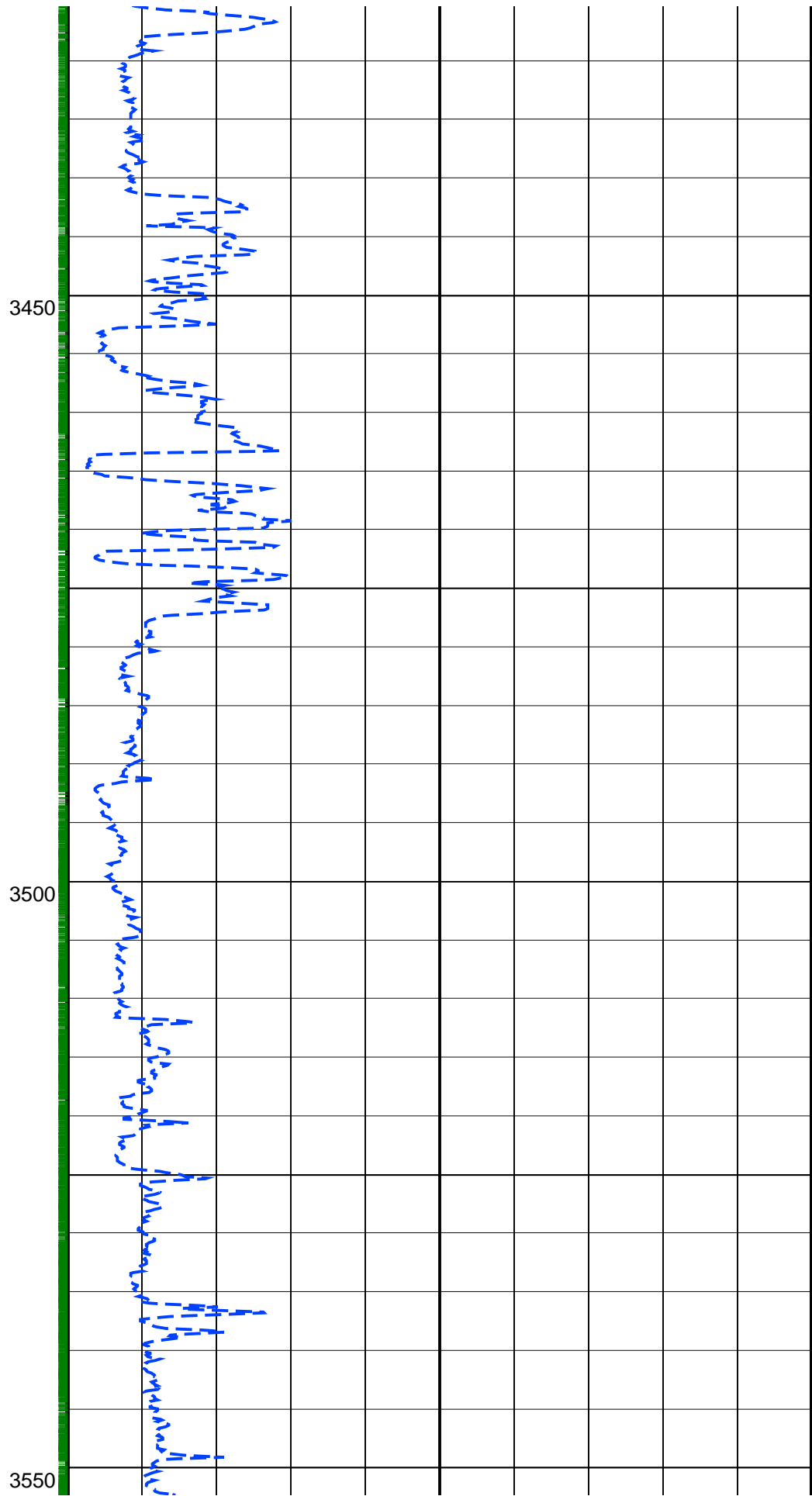
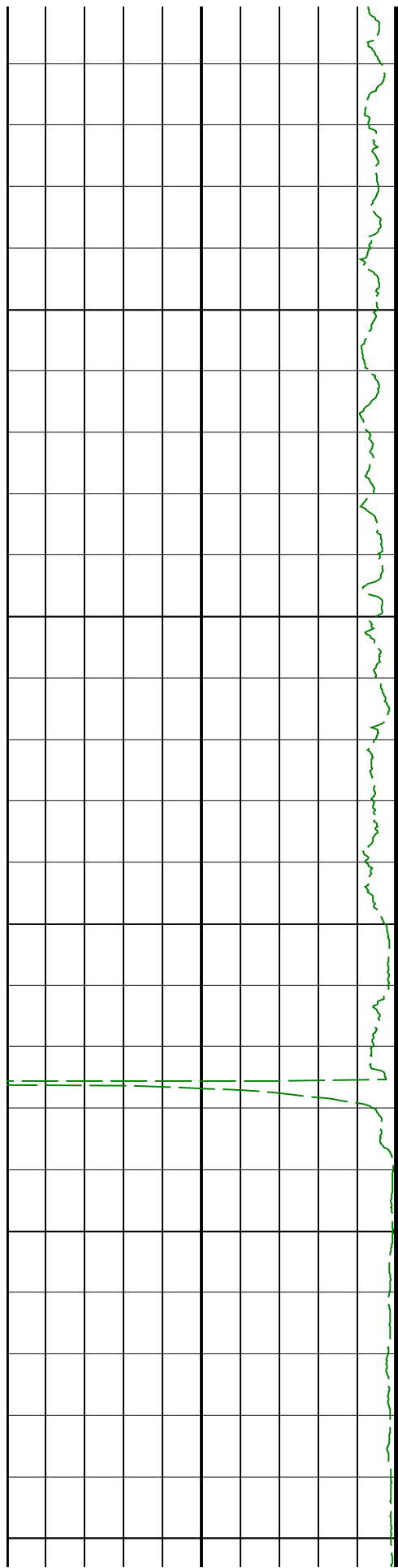


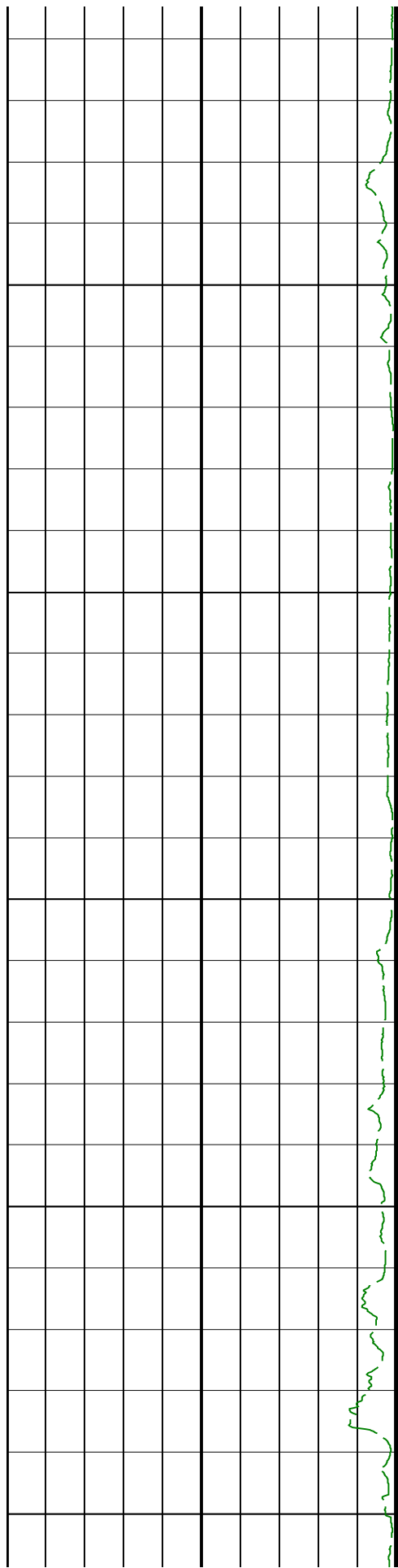


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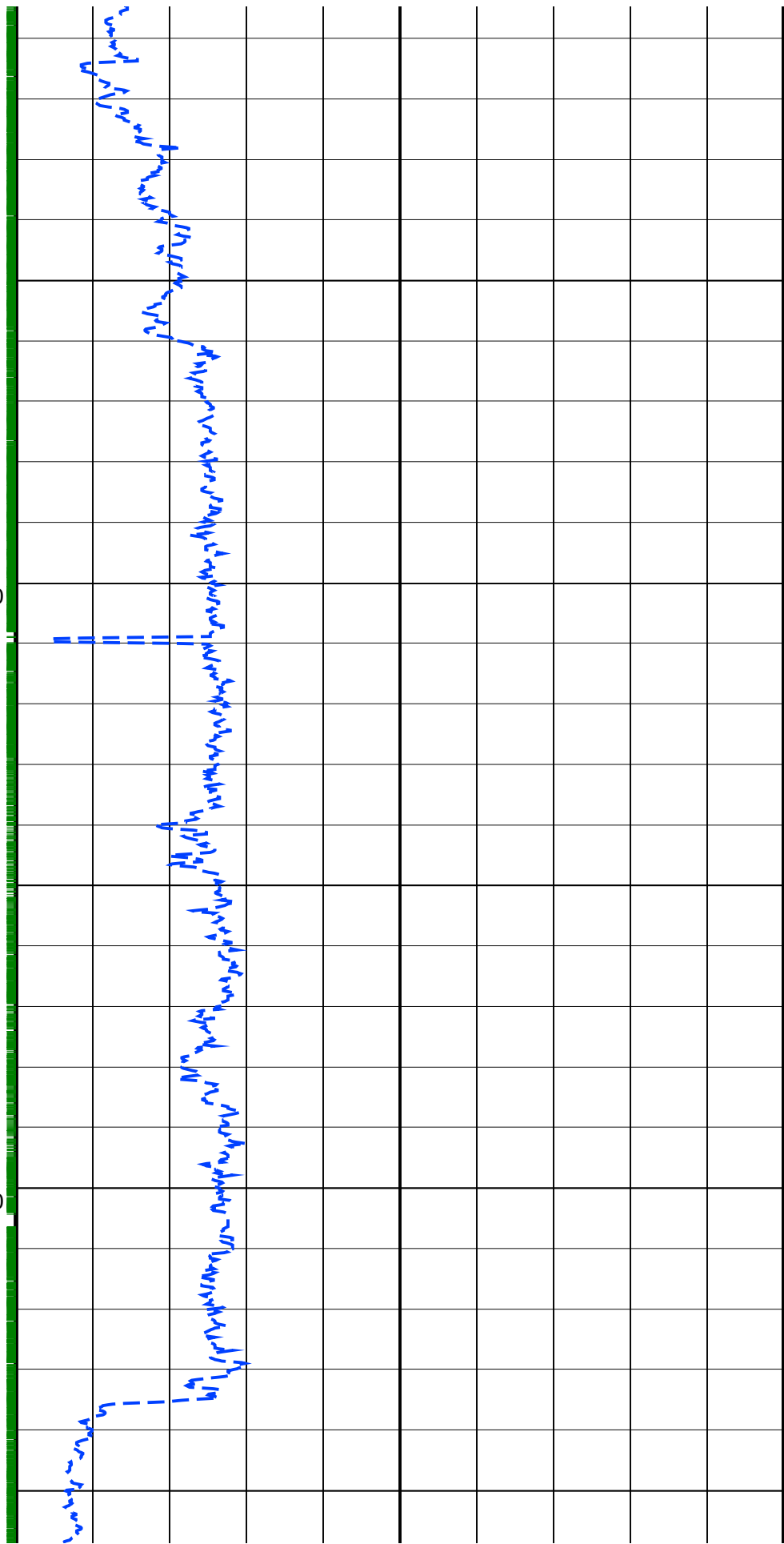


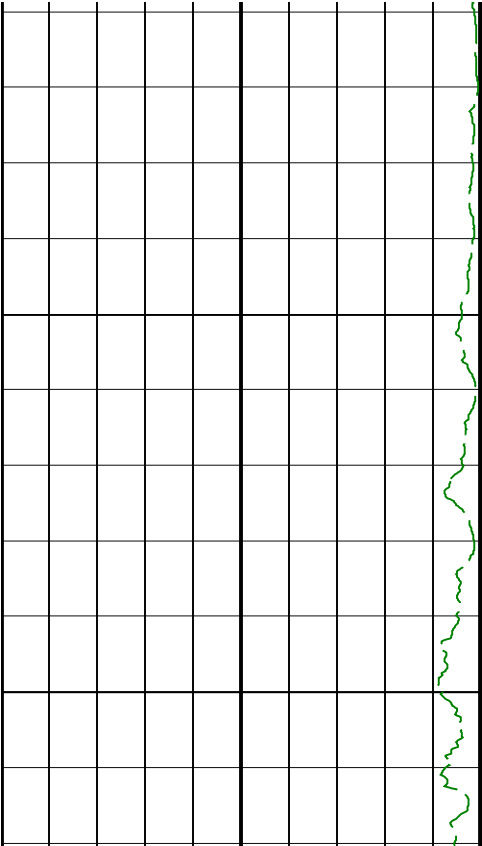




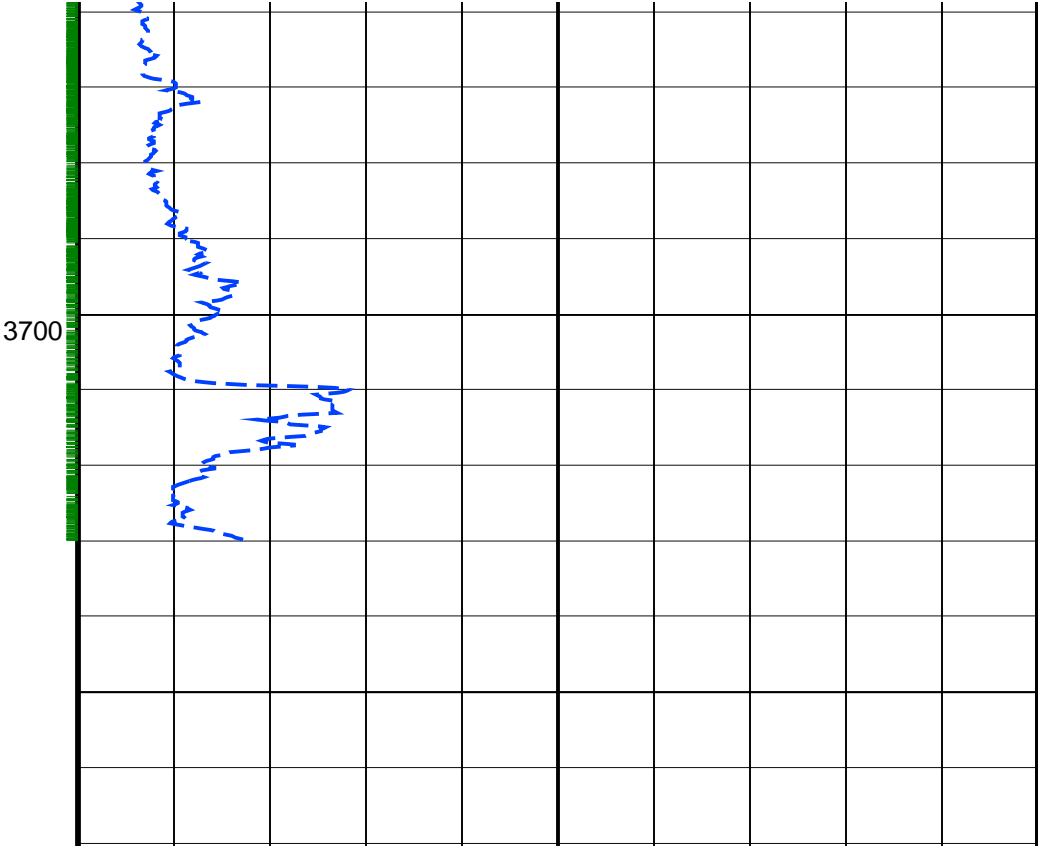
3600

3650





ROP*5 (ROP5)		
200	(M/HR)	0
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)		
200	(M/HR)	0



GR(TM) (GRM1)		
0	(GAPI)	400
SLIMPULSE BHC Gr (GR_SPULSE_BHC)		
0	(GAPI)	400

PIP SUMMARY

- GR(TM) PIP
- Gamma-Ray Samples

SPULSE / Equipment Identification

Primary Equipment:
SLIMPULSE bottom to R-O Port
D&I GR SUB

SlimPulse* SPEC-DA 274
Valid

Master: Calibration date not found

SPULSE Calibration

SPULSE Gamma Ray Master Calibration

Phase	Calibrated Gamma Ray GAPI	Value
Master		64.00
	0 (Minimum) 100.0 (Nominal) 255.0 (Maximum)	

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
-------------	---------	--------	--------	-------	--------	-------	-------

SPULSE Calibration – SPULSE Gamma Ray Master Calibration

Master: Calibration date not found

Calibrated Gamma Ray GAPI

100.0

64.00

N/A

N/A

N/A

N/A

SCHLUMBERGER

Survey report 29-Jun-2003 13:43:48 Page 1 of 5

Client.....: ESSO Australia Pty Ltd

Field.....: Flounder GDA 94

Well.....: FLA A-18a

Spud date.....: 6-Jun-2003

API number.....:

Last survey date.....: 29-Jun-03

Engineer.....: L.Bon, J.Dolan, O.Radicevic Total accepted surveys...: 95

MD of first survey.....: 1210.00 m

RIG.....: ISDL 453

MD of last survey.....: 3736.00 m

STATE.....: VIC

----- Survey calculation methods -----

Method for positions.....: Minimum curvature

Method for DLS.....: Mason & Taylor

----- Depth reference -----

Permanent datum.....: MEAN SEA LEVEL

Depth reference.....: Driller's Depth

GL above permanent.....: -93.00 m

KB above permanent.....: 33.85 m

DF above permanent.....: 33.85 m

----- Vertical section origin -----

Latitude (+N/S-).....: 0.00 m

Departure (+E/W-).....: 0.00 m

----- Geomagnetic data -----

Magnetic model.....: BGGM version 2002

Magnetic date.....: 03-Jun-2003

Magnetic field strength...: 1200.97 HCNT

Magnetic dec (+E/W-).....: 13.22 degrees

Magnetic dip.....: -68.76 degrees

----- MWD survey Reference Criteria -----

Reference G.....: 1000.03 mGal

Reference H.....: 1200.97 HCNT

Reference Dip.....: -68.76 degrees

Tolerance of G.....: (+/-) 2.50 mGal

Tolerance of H.....: (+/-) 6.00 HCNT

Tolerance of Dip.....: (+/-) 0.45 degrees

----- Platform reference point -----

Latitude (+N/S-).....: -304.57 m

Departure (+E/W-).....: -304.57 m

----- Corrections -----

Magnetic dec (+E/W-).....: 13.22 degrees

Grid convergence (+E/W-).....: -0.89 degrees

Total az corr (+E/W-).....: 14.11 degrees

Azimuth from rotary table to target: 103.59 degrees (Total az corr = magnetic dec - grid conv)

Survey Correction Type ...:

I=Sag Corrected Inclination

M=Schlumberger Magnetic Correction

S=Shell Magnetic Correction

F=Failed Axis Correction

R=Magnetic Resonance Tool Correction

D=Dmag Magnetic Correction

[(c)2003 IDEAL ID8_OC_07]

SCHLUMBERGER Survey Report

29-Jun-2003 13:43:48

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Seq	Measured depth	Incl angle	Course angle	Course length	TVD depth	Vertical section	Displ +N/S-	Displ +E/W-	Total displ	At Azim	DLS (deg/10m)	Srvy tool	Tool Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)		(deg)		
1	1210.00	56.11	112.30	5.00	924.35	628.33	-240.33	605.85	651.78	112.30	4.78	TIP	None
2	1215.00	56.32	111.74	5.00	927.13	632.44	-241.89	609.70	655.93	111.74	3.06	GYR	None
3	1220.00	56.04	111.42	5.00	929.91	636.56	-243.42	613.56	660.09	111.42	2.32	GYR	None
4	1225.00	55.77	110.36	5.00	932.72	640.66	-244.89	617.43	664.23	110.36	5.51	GYR	None
5	1230.00	55.46	109.30	5.00	935.54	644.77	-246.29	621.31	668.35	109.30	5.57	GYR	None
6	1235.00	55.65	108.35	5.00	938.37	648.87	-247.62	625.21	672.47	108.35	4.84	GYR	None
7	1240.00	55.72	107.94	5.00	941.19	652.99	-248.91	629.14	676.59	107.94	2.07	GYR	None
8	1242.00	55.74	107.89	2.20	942.31	654.80	-249.47	630.87	678.24	107.89	0.63	GYR	None
9	1278.66	56.72	104.63	36.46	962.69	702.10	-257.95	659.96	708.58	104.63	2.37	MWD	None
10	1307.03	57.50	104.97	28.37	978.10	725.91	-264.03	682.99	732.25	104.97	0.88	MWD	None
11	1336.13	55.43	104.33	29.10	994.18	750.16	-270.17	706.46	756.36	104.33	2.20	MWD	None
12	1364.71	54.30	104.18	28.58	1010.62	773.54	-275.93	729.11	779.58	104.18	1.19	MWD	None
13	1393.57	52.45	103.42	28.86	1027.84	779.67	-281.45	751.60	802.57	103.52	2.02	MWD	None
14	1422.86	49.33	100.15	29.29	1046.32	802.38	-286.11	773.84	825.04	100.15	4.12	MWD	None
15	1451.85	50.06	99.76	28.99	1065.07	824.44	-289.93	795.61	846.80	110.02	0.82	MWD	None
16	1480.73	51.17	98.97	28.88	1083.39	846.70	-293.56	817.64	868.75	109.75	0.46	MWD	None
17	1509.27	49.80	100.00	28.54	1101.55	868.66	-297.18	839.35	890.42	109.50	1.66	MWD	None
18	1537.83	50.00	99.95	28.56	1119.95	890.46	-300.97	860.87	911.97	109.27	0.21	MWD	None
19	1564.09	50.73	99.50	26.26	1136.70	910.64	-304.38	880.80	931.92	109.07	0.92	MWD	None
20	1594.55	51.60	99.10	30.46	1155.80	934.30	-308.22	904.22	955.31	108.82	0.91	MWD	None
21	1622.96	51.84	99.35	28.41	1173.40	956.54	-311.79	926.23	977.31	108.61	0.33	MWD	None
22	1651.77	52.50	99.34	28.81	1191.07	979.23	-315.49	948.68	999.78	108.40	0.69	MWD	None

23	1680.35	51.79	101.43	28.58	1208.61	1001.76	-319.55	970.88	1022.12	108.22	1.89	MWD	None
24	1709.07	52.11	102.15	28.72	1226.31	1024.36	-324.18	993.02	1044.60	108.08	0.68	MWD	None
25	1737.54	51.09	102.91	28.47	1244.00	1046.67	-329.01	1014.80	1066.81	107.97	1.24	MWD	None
26	1766.24	51.30	102.54	28.70	1261.98	1069.03	-333.94	1036.61	1089.08	107.86	0.31	MWD	None
27	1795.16	51.66	102.82	28.92	1279.99	1058.69	-338.91	1058.68	1111.62	107.75	0.44	MWD	None
28	1823.79	51.87	102.54	28.63	1297.71	1114.14	-343.84	1080.63	1134.02	107.65	0.32	MWD	None
29	1852.46	51.99	102.05	28.67	1315.39	1136.71	-348.65	1102.68	1156.49	107.55	0.42	MWD	None
30	1881.04	52.67	101.66	28.58	1332.86	1159.32	-353.30	1124.82	1179.01	107.44	0.78	MWD	None

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Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	tool	Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)	10m)	type	(deg)	
31	1909.62	53.15	101.32	28.58	1350.09	1182.10	-357.84	1147.16	1201.68	107.33	0.58	MWD	None
32	1938.48	53.63	100.71	28.86	1367.30	1169.90	-362.26	1169.90	1224.71	107.21	0.71	MWD	None
33	1967.18	52.51	100.61	28.70	1384.55	1228.15	-366.51	1192.44	1247.51	107.09	1.17	MWD	None
34	1995.88	53.05	100.30	28.70	1401.91	1250.97	-370.66	1214.92	1270.21	106.97	0.62	MWD	None
35	2024.63	53.77	99.94	28.75	1419.04	1274.02	-374.71	1237.64	1293.13	106.85	0.81	MWD	None
36	2053.13	52.58	99.74	28.50	1436.13	1296.78	-378.61	1260.12	1315.78	106.72	1.26	MWD	None
37	2081.78	52.92	99.21	28.65	1453.47	1319.53	-382.36	1282.62	1338.41	106.60	0.57	MWD	None
38	2110.50	53.32	98.70	28.72	1470.70	1342.42	-385.94	1305.31	1361.18	106.47	0.60	MWD	None
39	2139.18	51.54	99.81	28.68	1488.19	1365.09	-389.59	1327.74	1383.73	106.35	2.08	MWD	None
40	2167.80	50.96	99.48	28.62	1506.10	1387.36	-393.33	1349.75	1405.90	106.25	0.67	MWD	None
41	2196.61	50.53	99.24	28.81	1524.33	1409.60	-396.96	1371.76	1428.05	106.14	0.49	MWD	None
42	2224.81	50.10	100.64	28.20	1542.34	1431.26	-400.71	1393.13	1449.63	106.05	1.23	MWD	None
43	2253.23	50.31	100.59	28.42	1560.53	1453.07	-404.73	1414.60	1471.37	105.97	0.23	MWD	None
44	2282.04	51.31	100.32	28.81	1578.74	1475.36	-408.78	1436.56	1493.59	105.89	1.06	MWD	None
45	2310.77	52.83	100.14	28.73	1596.40	1497.98	-412.80	1458.86	1516.14	105.80	1.59	MWD	None
46	2339.36	53.23	100.18	28.59	1613.59	1520.79	-416.83	1481.34	1538.88	105.72	0.42	MWD	None
47	2368.53	52.79	99.53	29.17	1631.14	1544.04	-420.82	1504.29	1562.06	105.63	0.70	MWD	None
48	2397.00	54.25	99.98	28.47	1648.07	1566.88	-424.70	1526.85	1584.83	105.55	1.58	MWD	None
49	2425.57	54.64	99.77	28.57	1664.68	1590.07	-428.69	1549.75	1607.96	105.46	0.45	MWD	None
50	2454.01	54.78	99.40	28.44	1681.11	1613.23	-432.55	1572.64	1631.05	105.38	0.35	MWD	None
51	2482.90	53.70	99.87	28.89	1697.99	1636.61	-436.47	1595.76	1654.38	105.30	1.19	MWD	None
52	2511.51	53.85	99.45	28.61	1714.90	1659.64	-440.35	1618.51	1677.35	105.22	0.39	MWD	None
53	2540.70	52.95	101.35	29.19	1732.31	1683.03	-444.58	1641.56	1700.70	105.15	1.82	MWD	None
54	2569.40	52.49	101.32	28.70	1749.69	1705.85	-449.06	1663.95	1723.49	105.10	0.48	MWD	None
55	2597.80	52.27	100.70	28.40	1767.03	1728.33	-453.36	1686.02	1745.92	105.05	0.57	MWD	None
56	2626.05	53.32	100.53	28.25	1784.11	1750.80	-457.50	1708.14	1768.36	105.00	1.12	MWD	None
57	2655.04	53.59	99.93	28.99	1801.37	1774.05	-461.64	1731.06	1791.57	104.93	0.57	MWD	None
58	2683.66	53.72	100.86	28.62	1818.33	1797.06	-465.80	1753.74	1814.55	104.88	0.80	MWD	None
59	2712.28	53.54	100.24	28.62	1835.30	1820.07	-470.02	1776.39	1837.53	104.82	0.56	MWD	None
60	2741.12	53.50	99.79	28.84	1852.45	1843.22	-474.05	1799.23	1860.64	104.76	0.38	MWD	None

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Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	tool	Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)	10m)	type	(deg)	
61	2769.15	53.25	100.56	28.03	1869.17	1865.67	-478.03	1821.37	1883.06	104.71	0.71	MWD	None
62	2798.15	53.18	100.20	29.00	1886.54	1888.86	-482.21	1844.21	1906.22	104.65	0.31	MWD	None
63	2826.95	53.11	99.71	28.80	1903.81	1911.86	-486.19	1866.91	1929.19	104.60	0.41	MWD	None
64	2855.67	52.46	100.84	28.72	1921.18	1934.69	-490.27	1889.42	1952.00	104.55	1.16	MWD	None
65	2884.52	52.14	100.87	28.85	1938.83	1957.49	-494.57	1911.83	1974.78	104.51	0.33	MWD	None
66	2912.30	51.99	100.36	27.78	1955.90	1979.37	-498.61	1933.37	1996.64	104.46	0.46	MWD	None
67	2941.29	51.41	100.31	28.99	1973.87	2002.09	-502.69	1955.75	2019.33	104.42	0.60	MWD	None
68	2969.83	50.12	100.60	28.54	1991.92	2024.16	-506.70	1977.49	2041.38	104.37	1.38	MWD	None
69	2998.02	49.04	100.85	28.19	2010.20	2045.59	-510.69	1998.58	2062.80	104.34	1.17	MWD	None
70	3027.16	48.66	100.88	29.14	2029.37	2067.51	-514.83	2020.12	2084.70	104.30	0.39	MWD	None
71	3056.21	46.42	101.11	29.05	2048.98	2088.92	-518.92	2041.16	2106.10	104.26	2.32	MWD	None
72	3084.82	44.17	101.03	28.61	2069.11	2109.23	-522.82	2061.12	2126.40	104.23	2.36	MWD	None
73	3113.45	42.28	101.94	28.63	2089.97	2128.83	-526.72	2080.33	2145.98	104.21	2.09	MWD	None
74	3142.07	40.62	101.81	28.62	2111.42	2147.76	-530.62	2098.87	2164.91	104.19	1.74	MWD	None
75	3170.81	38.96	102.10	28.74	2133.50	2166.15	-534.43	2116.86	2183.29	104.17	1.74	MWD	None
76	3199.40	37.47	102.30	28.59	2155.97	2183.83	-538.17	2134.15	2200.97	104.15	1.57	MWD	None

77	3228.05	35.74	100.14	28.65	2178.97	2200.89	-541.50	2150.90	2218.02	104.13	2.26	MWD	None
78	3256.70	33.91	98.54	28.65	2202.48	2217.21	-544.16	2167.04	2234.33	104.10	2.14	MWD	None
79	3285.41	32.07	97.74	28.71	2226.56	2232.77	-546.37	2182.52	2249.88	104.06	1.98	MWD	None
80	3313.92	31.36	96.34	28.51	2250.82	2247.66	-548.21	2197.39	2264.75	104.01	1.08	MWD	None
81	3348.72	32.06	96.37	34.80	2280.42	2265.80	-550.24	2215.57	2282.88	103.95	0.60	SP	None
82	3378.38	29.32	97.82	29.66	2305.93	2280.84	-552.10	2230.59	2297.91	103.90	2.87	SP	None
83	3406.40	27.55	97.56	28.02	2330.56	2294.11	-553.88	2243.81	2311.17	103.87	1.90	SP	None
84	3434.99	28.76	96.35	28.59	2355.77	2307.51	-555.53	2257.20	2324.56	103.83	1.38	SP	None
85	3462.34	27.63	101.92	27.35	2379.88	2320.38	-557.58	2269.95	2337.43	103.80	3.09	SP	None
86	3492.34	29.38	103.60	30.00	2406.24	2334.70	-560.74	2283.91	2351.74	103.79	1.92	SP	None
87	3521.17	32.07	102.21	28.83	2431.02	2349.42	-564.03	2298.26	2366.47	103.79	2.89	SP	None
88	3549.76	32.91	102.65	28.59	2455.14	2364.78	-567.33	2313.26	2381.82	103.78	0.92	SP	None
89	3578.70	33.22	101.24	28.94	2479.39	2380.56	-570.60	2328.71	2397.60	103.77	0.86	SP	None
90	3607.58	34.38	101.19	28.88	2503.39	2396.61	-573.72	2344.47	2413.65	103.75	1.21	SP	None

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Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	tool	Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)	10m)	type	(deg)	
91	3635.10	33.77	100.92	27.52	2526.19	2412.02	-576.68	2359.60	2429.05	103.73	0.69	SP	None
92	3664.28	32.03	100.75	29.18	2550.68	2427.85	-579.66	2375.17	2444.88	103.72	1.79	SP	None
93	3693.11	31.76	100.27	28.83	2575.16	2443.06	-582.44	2390.14	2460.09	103.70	0.39	SP	None
94	3715.07	30.63	100.93	21.96	2593.95	2454.42	-584.53	2401.32	2471.45	103.68	1.61	SP	None
95	3736.00	29.81	101.40	20.93	2612.03	2464.94	-586.57	2411.66	2481.97	103.67	1.22	Projected to TD	

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Company: **ESSO Australia Pty Ltd**

Schlumberger

Well: **FLA A-18a**

Field: **Flounder GDA 94**

RIG: **ISDL 453**

STATE: **VIC**

Gamma Ray Service
1:500 Measured Depth
Real Time / Recorded Mode Log

