

<div>PATHFINDER</div> <div>A Schlumberger Company</div>												RESISTIVITY	
												1 : 240	
												METERS MD	
COMPANY : CONOCOPHILLIPS CANADA RESOURCES CORP.													
WELL : COPRC DODO CANYON E-76													
FIELD : DODO CANYON													
TERRITORY : NWT													
COUNTRY : CANADA													
UWI : 300E766510126450													
WELL IDENTIFIER : 2082													
<div>LATITUDE : 65°5'27.02793" N</div> <div>LONGITUDE : 126°59'58.04610" W</div> <div>WELL LOCATION : NORTHING:7219874.660m / EASTING:594010.010m</div>										OTHER SERVICES			
<div>DEPTH REFERENCE : ROTARY TABLE</div> <div>REFERENCE ELEVATION : 5.20 m</div> <div>GROUND ELEVATION : 268.20 m</div>										DIRECTIONAL GAMMA RAY ROP			
BOREHOLE RECORD						DEVIATION RECORD							
HOLE SIZE	mm	FROM	m	TO	m	INCLINATION	deg	FROM	m	TO	m		
311.0		0		603		00 - 06		0		1494			
244.5		603		1908		06 - 87		1494		1890			
156.0		1908		2910		87 +/-5		1890		2910			
CASING RECORD													
CASING SIZE	mm	FROM	m	TO	m								
244.5		0		603									
177.8		0		1908		<div>DRILLING Co.: BEAVER DRILLING LTD</div> <div>RIG : 2</div> <div>LMD UNIT No.: KIT #7 DISTRICT : CALGARY</div> <div>SPUD DATE : 28-DEC-13</div> <div>LMD START DATE : 06-JAN-14 DEPTH : 768 m</div> <div>LMD END DATE : 20-JAN-14 DEPTH : 2910 m</div> <div>TOTAL DEPTH : 2910 m</div>							

RUN DATA											
RUN NUMBER		1	2	3	4						
START DATE		06-JAN-14	10-JAN-14	11-JAN-14	16-JAN-14						
START TIME		03:45	04:00	11:45	17:00						
END DATE		10-JAN-14	11-JAN-14	14-JAN-14	20-JAN-14						
END TIME		02:00	11:15	14:30	20:00						
DEPTH IN	m	603	1599	1702	1908						
DEPTH OUT	m	1599	1702	1908	2910						
LOG TOP	m	768	1584	1689	1884						
LOG BOTTOM	m	1584	1689	1884	2887						
HOLE SIZE	mm	222.0	222.0	222.0	156.0						
MUD DATA @	m	1400	1680	1850	2910						
MUD TYPE		OIL-BASED	OIL-BASED	OIL-BASED	OIL BASED						
DENSITY	kg/m3	975.0	1010.0	1020.0	1080.0						
VISCOSITY	s/L	48	56	59	88						
pH					4.5						
FLUID LOSS	cm3/30										
SALINITY	ppm	25000	30000	35000	42496						
Rm ohmm	@ deg C	@	@	@	@						
Rmf ohmm	@ deg C	@	@	@	@						

MAX REC TEMP deg C				75		
Rm @ MAX TEMP ohmm						
LWD ENGINEER #1	G. GRIGORE	G. GRIGORE	G. GRIGORE	C. KONKIN		
LWD ENGINEER #2						
LWD ENGINEER #3						

REMARKS

CONOCOPHILLIPS CANADA RESOURCES CORP.

WELL NAME: COPRC DODO CANYON E-76

UWI: 300E766510126450 WELL IDENTIFIER 2082

PATHFINDER JOB #: 13CGT0296

ALL LOGGING DATA IS MEMORY UNLESS STATED OTHERWISE.

GAMMA RAY FROM 768M TO 1884M IS REAL-TIME TRANSMITTED DATA FROM EXTREME XPULSE.

ALL REFERENCES TO LOG TOP, LOG BOTTOM OR LOGGING TOOL DEPTH REFER TO THE GAMMA RAY SENSOR UNLESS STATED OTHERWISE. SENSOR OFFSETS FOR THE OTHER LOGGING TOOLS ARE SHOWN IN THE BHA REPORT ON THE LOG TRAILER.

ALL ANNOTATIONS IN THE DEPTH TRACK ARE REFERENCED TO BIT DEPTH.

GAMMA RAY HAS BEEN AVERAGED AT A HIGHER INTERVAL OF 0.3500m TO SMOOTH OUT THE CURVE.

THE ACCOMPANYING LAS FILE HAS A STEP INTERVAL OF 0.1524m AND WILL NOT SHOW THIS SAME EFFECT.

DEPTH IS CORRECTED TO PIPE TALLY.

RUN #1: 6 3/4" XPULSE GAMMA LOGGING RUN.

RUN #2: 6 3/4" XPULSE GAMMA LOGGING RUN.

RUN #3: 6 3/4" XPULSE GAMMA LOGGING RUN.

RUN #4: 4 3/4" SAWR LOGGING RUN. TOOL RUN IN MEMORY ONLY.

RESISTIVITIES ARE CLAMPED (200 OHMM ATTENUATION AND 3000 OHMM PHASE) WHERE FORMATION RESISTIVITY IS BEYOND SENSOR LIMITATIONS.

REMARK #1: GAMMA RAY LOGGED THROUGH CASING FROM 1885m-1908m MD (1776m-1777m TVD).

THE TRACK ON THE RIGHT HAND SIDE OF THE LOG IS THE SLIDE INDICATOR.

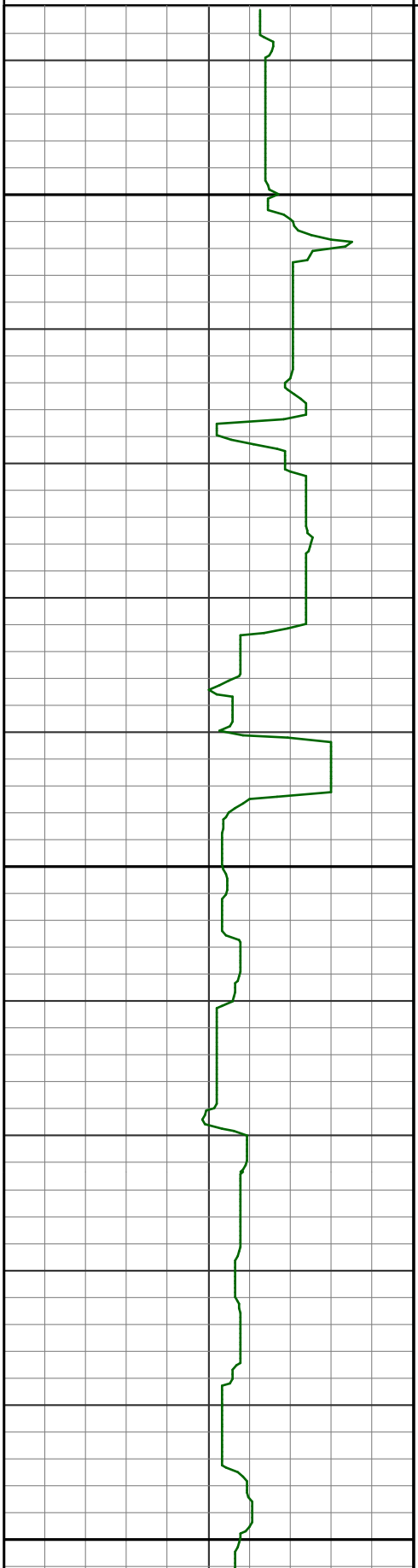
NOTICE - All interpretations are opinions based on inferences from electrical or other measurements and we do not guarantee the accuracy or correctness of any interpretations. We shall not, except in the case of gross or willful negligence on our part, be liable or responsible for loss, costs, damages or expenses incurred or sustained by anyone as a result of any interpretations made by one 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.

PATHFINDER - A Schlumberger Company

Version No : RX5 V6.04C Release 24Oct2012

Plot Time : 21-Aug-2014 20:45

0	GRCA API	150	DEPTH MD m	0.2	RSPH ohmm	2000	0.2	RSAH ohmm	2000
	avg = 35 cm		1m = 240m		avg = 15 cm			avg = 15 cm	
100	ROP m/hr	0	COMMENTS	0.2	RMPH ohmm	2000	0.2	RMAH ohmm	2000
	avg = 1 m				avg = 15 cm			avg = 15 cm	
0	GRCA API	150	SHOES	0.2	RDPH ohmm	2000	0.2	RDAH ohmm	2000
	avg = 35 cm				avg = 15 cm			avg = 15 cm	
100	ROPm/hr	0		0.2	RSPL ohmm	2000	0.2	RSAL ohmm	2000
	avg = 1 m				avg = 15 cm			avg = 15 cm	



775

800

825

0.2	RMPL ohmm	2000	0.2	RMAL ohmm	2000
avg = 15 cm			avg = 15 cm		
0.2	RDPL ohmm	2000	0.2	RDAL ohmm	2000
avg = 15 cm			avg = 15 cm		
			inc azi		
			# TVD		

0.7	129.5
22	781.5

$\leftarrow S$

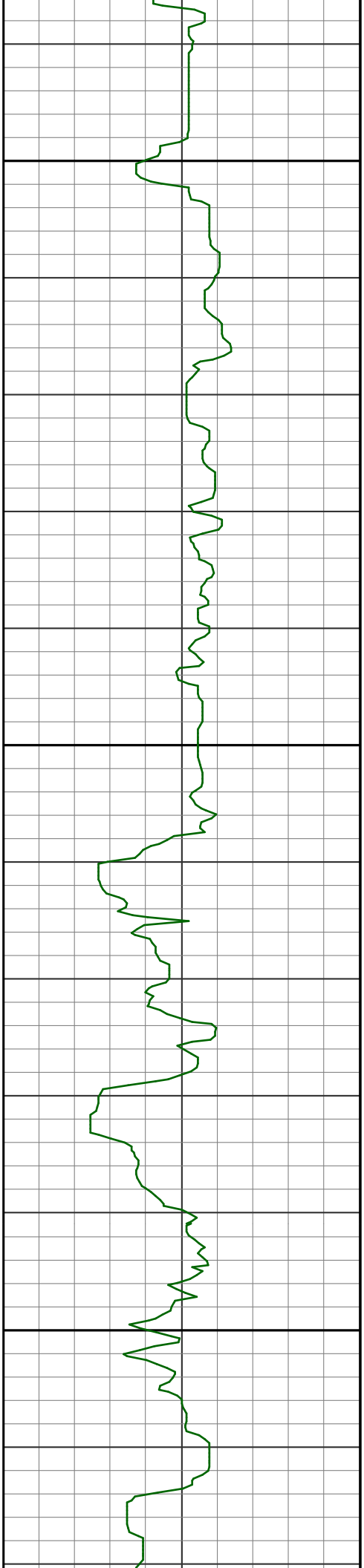
0.7	121.1
23	818.5



850

1.3 112.8
24 856.5

875



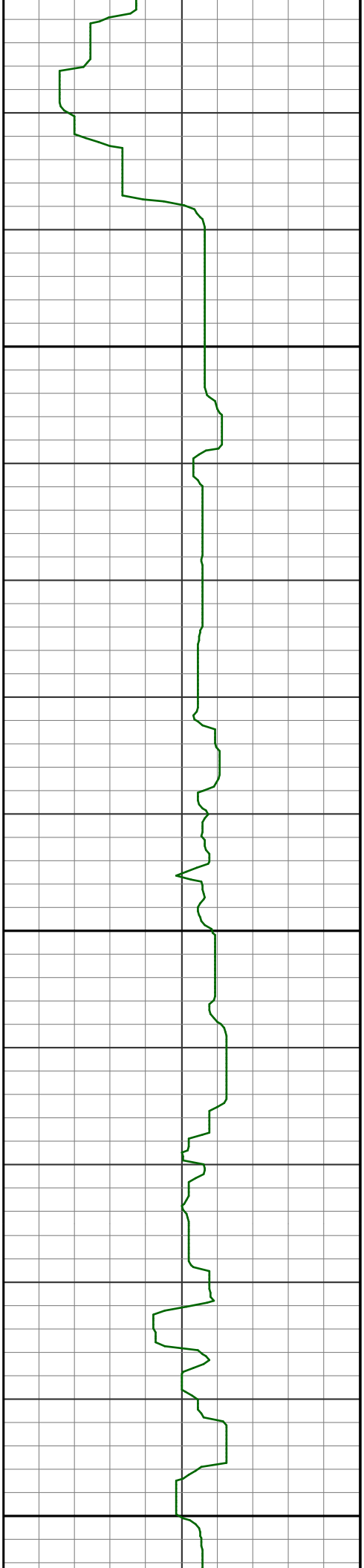
900

925

950

1.3 113.6
25 896.4

1.2 114.0
26 932.4



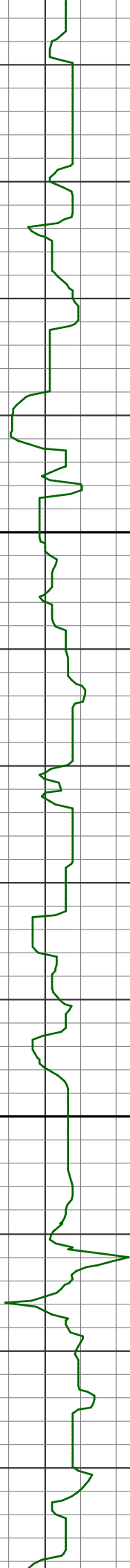
975

1000

1025

0.9 151.6
27 970.4

1.0 147.9
28 1008.4

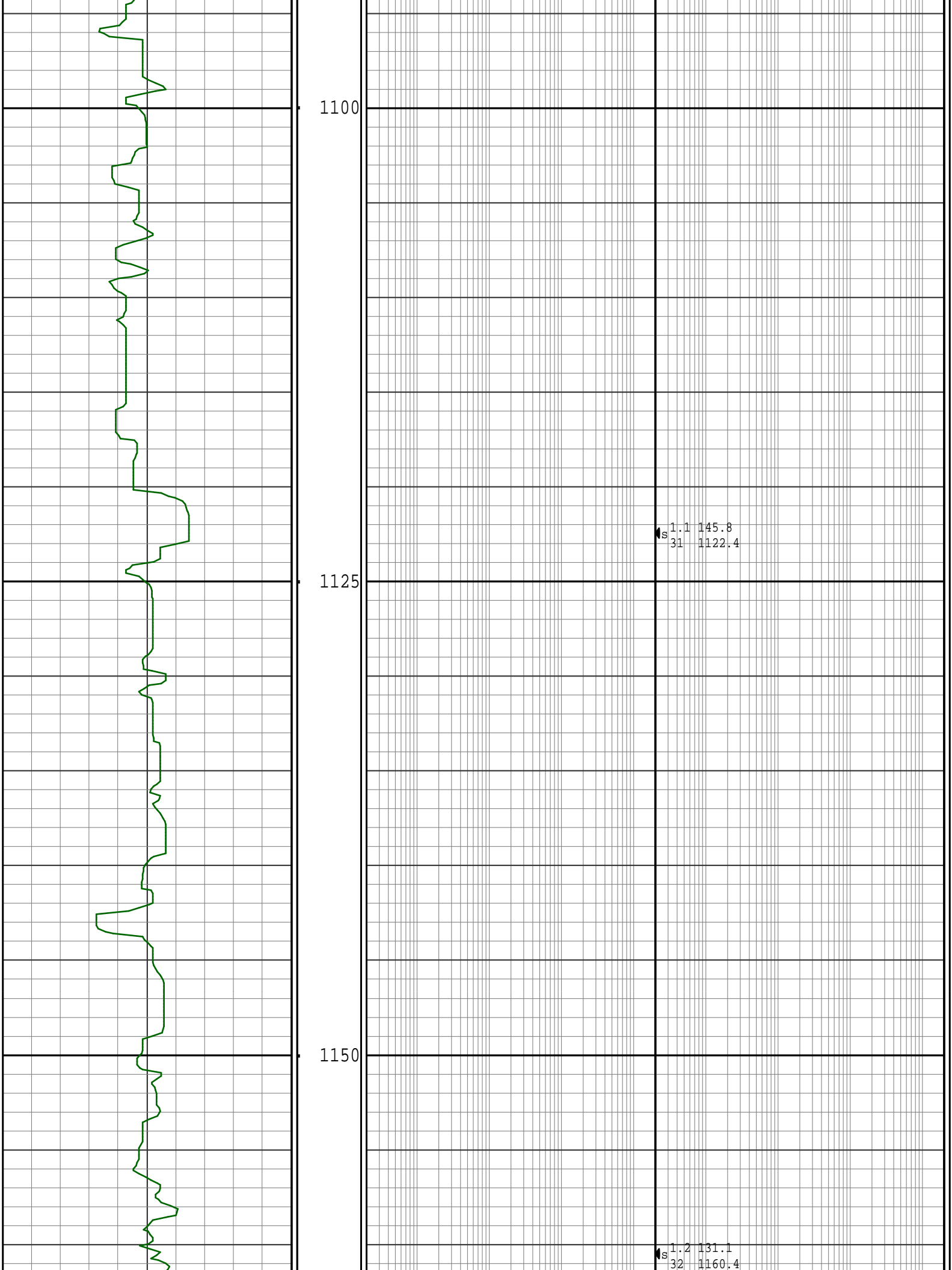


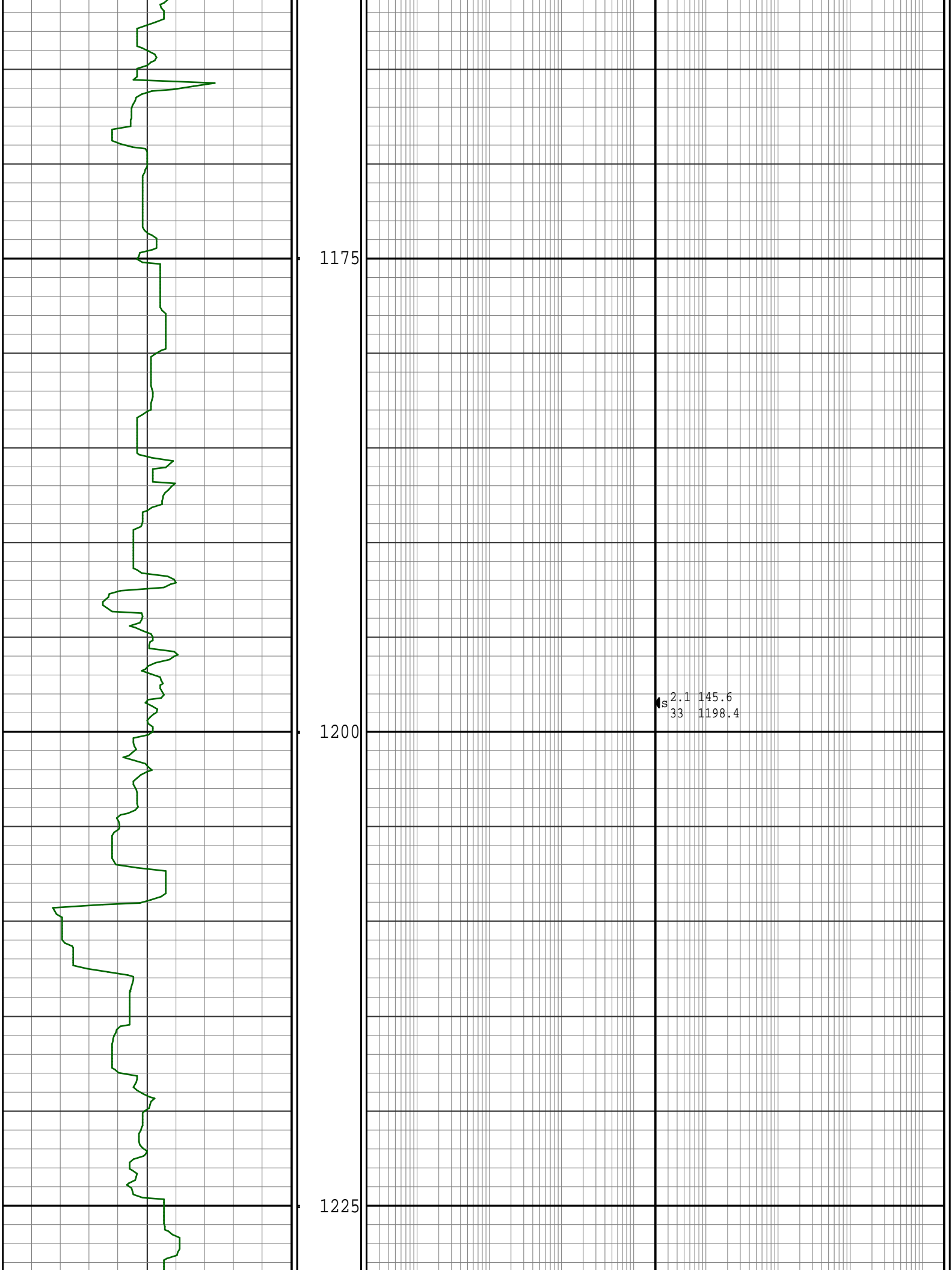
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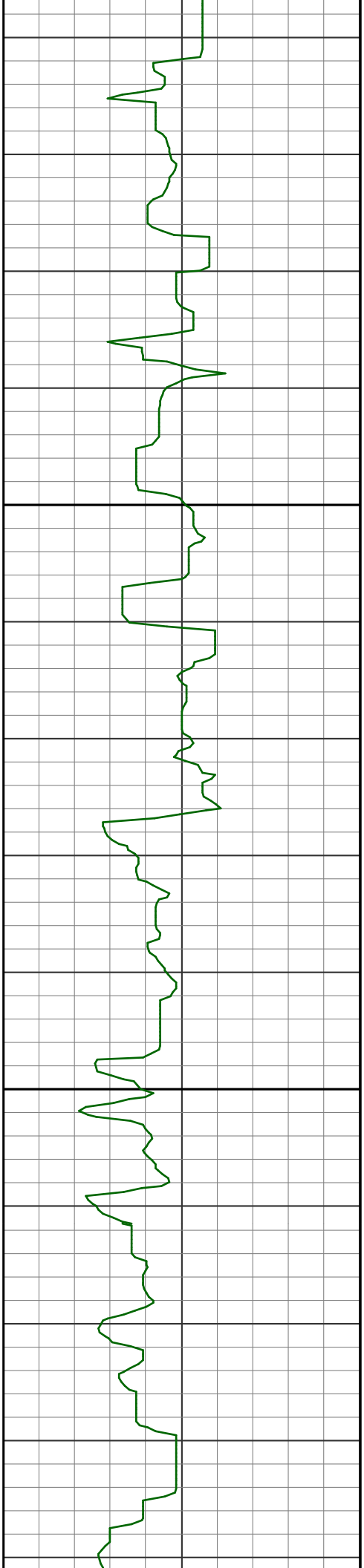
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1.2 133.1
29 1046.4

1.5 124.4
30 1084.4





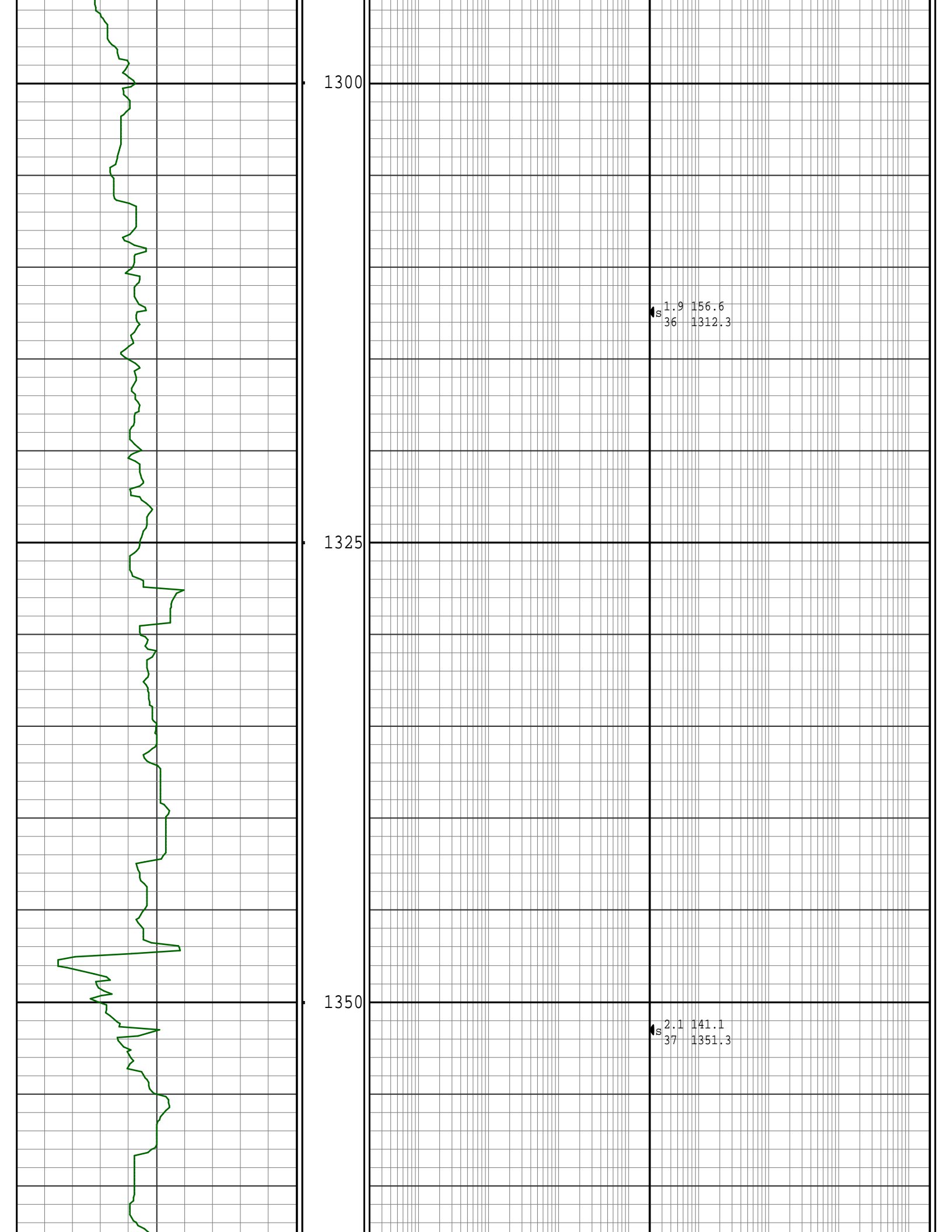


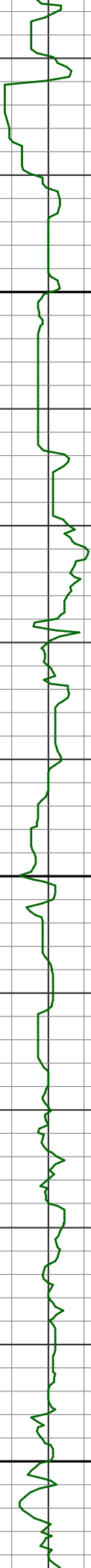
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1275

1.8 176.8
34 1236.4

1.4 163.7
35 1274.3





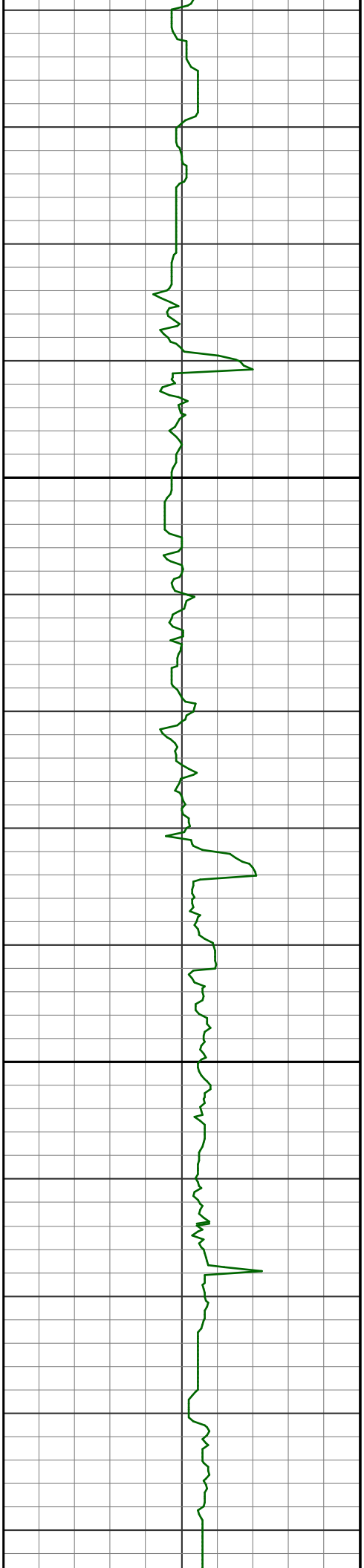
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1400

1425

2.9 172.7
30 1389.3

2.8 175.7
39 1426.2



1450

1475

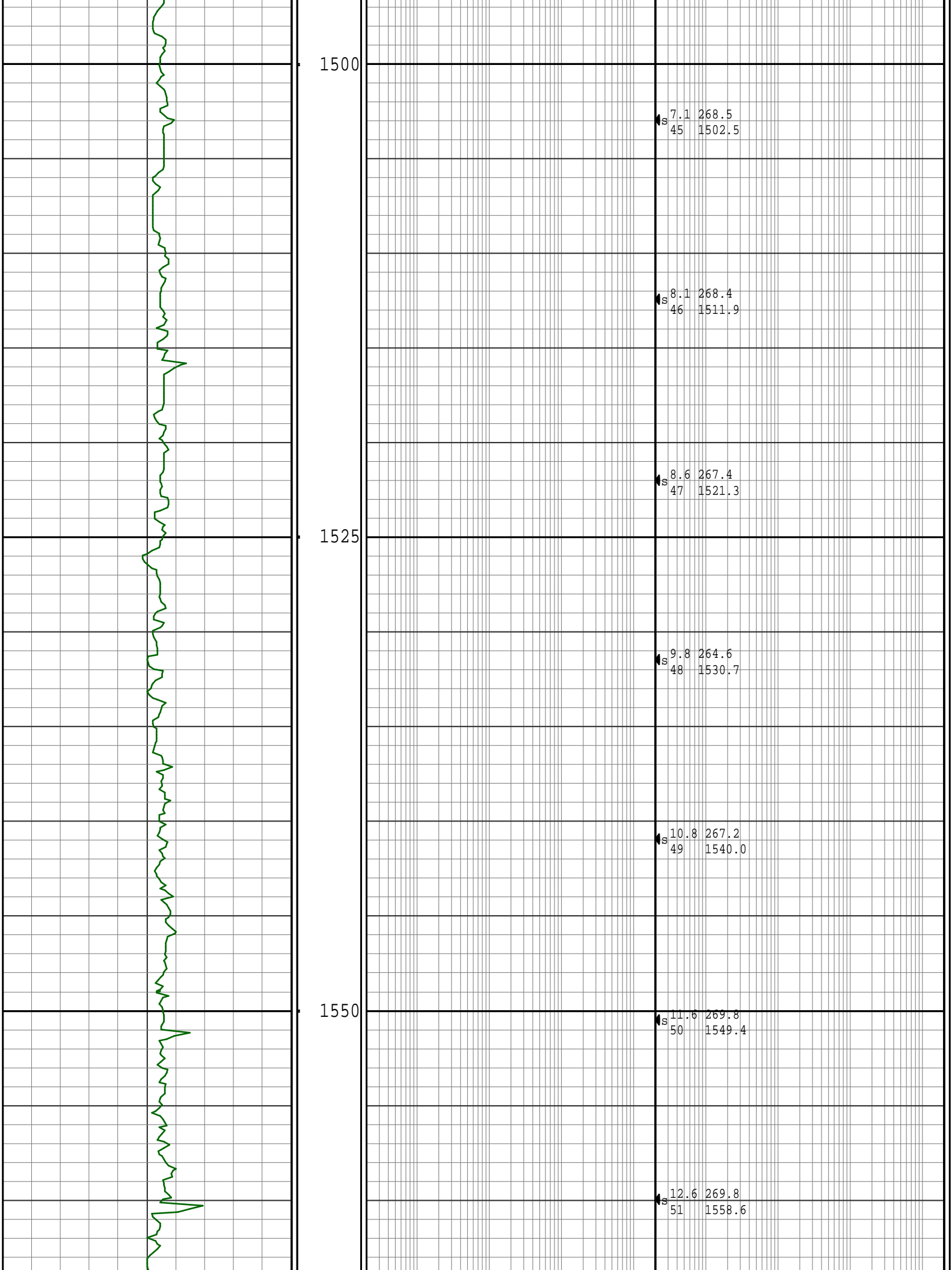
4.2 204.7
40 1445.7

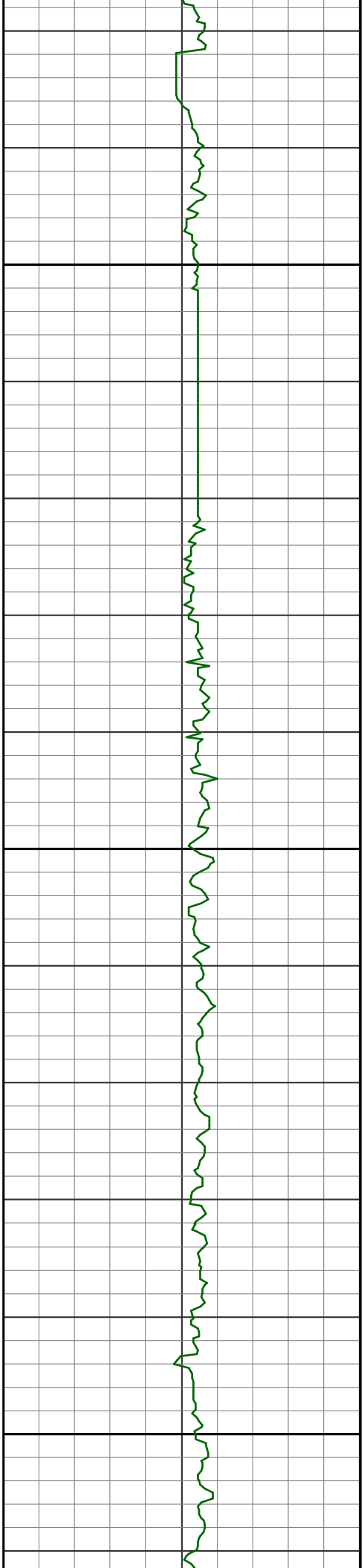
2.7 229.8
41 1464.2

4.0 247.4
42 1474.1

4.6 257.0
43 1483.1

6.3 262.4
44 1493.1





1575

1600

1625

14.4 271.3
52 1567.9

15.6 270.8
53 1578.0

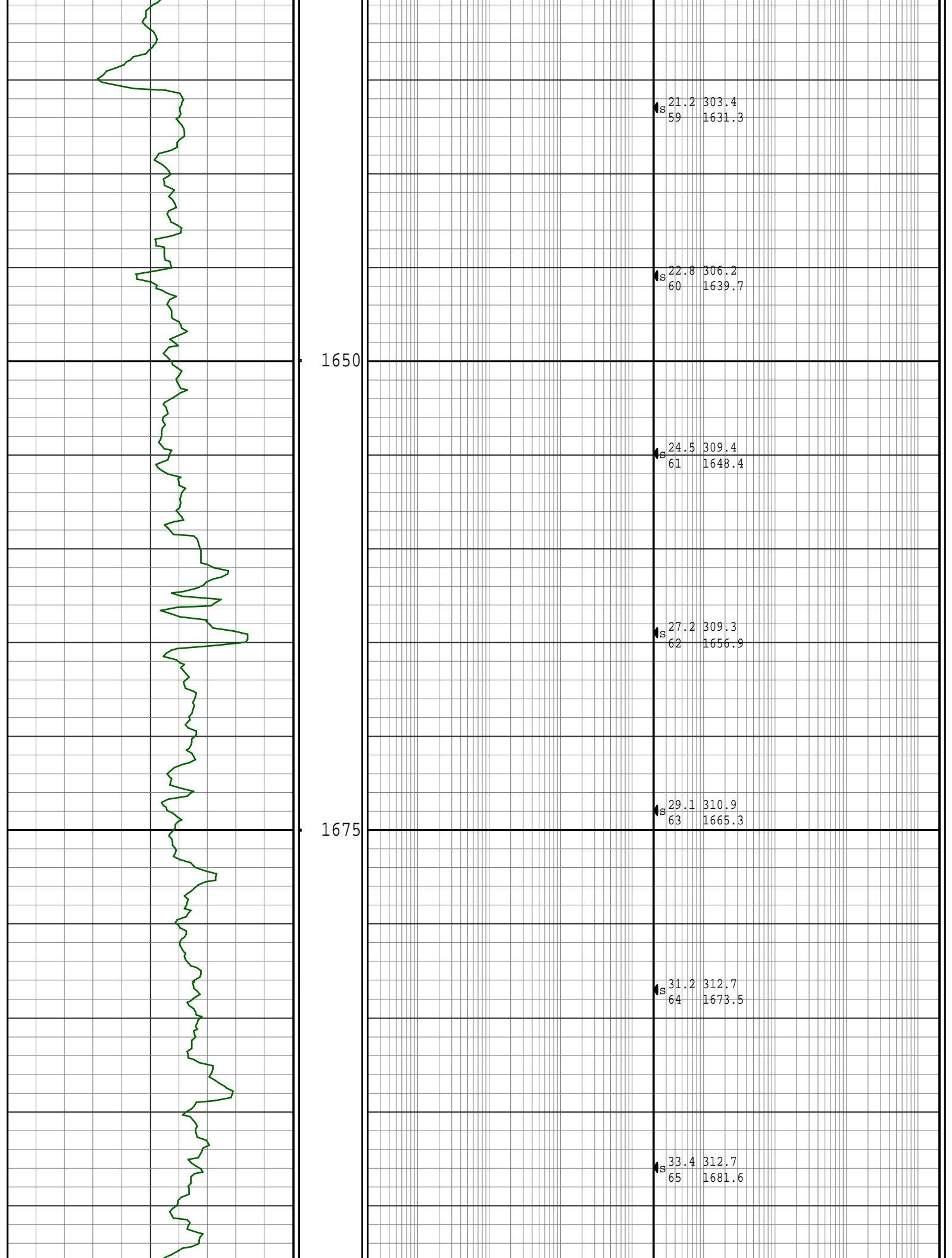
18.8 268.0
54 1587.1

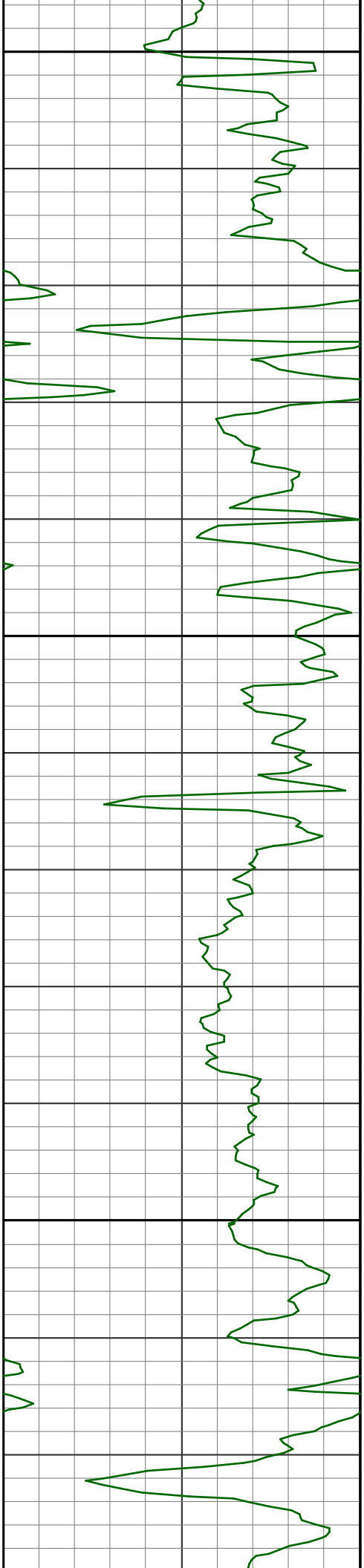
19.4 278.4
55 1596.1

19.3 287.9
56 1605.0

19.8 296.4
57 1613.5

20.2 300.1
58 1622.5





1700

36.1 310.7
66 1689.4

38.6 309.0
67 1696.9

41.7 306.0
68 1704.2

1725

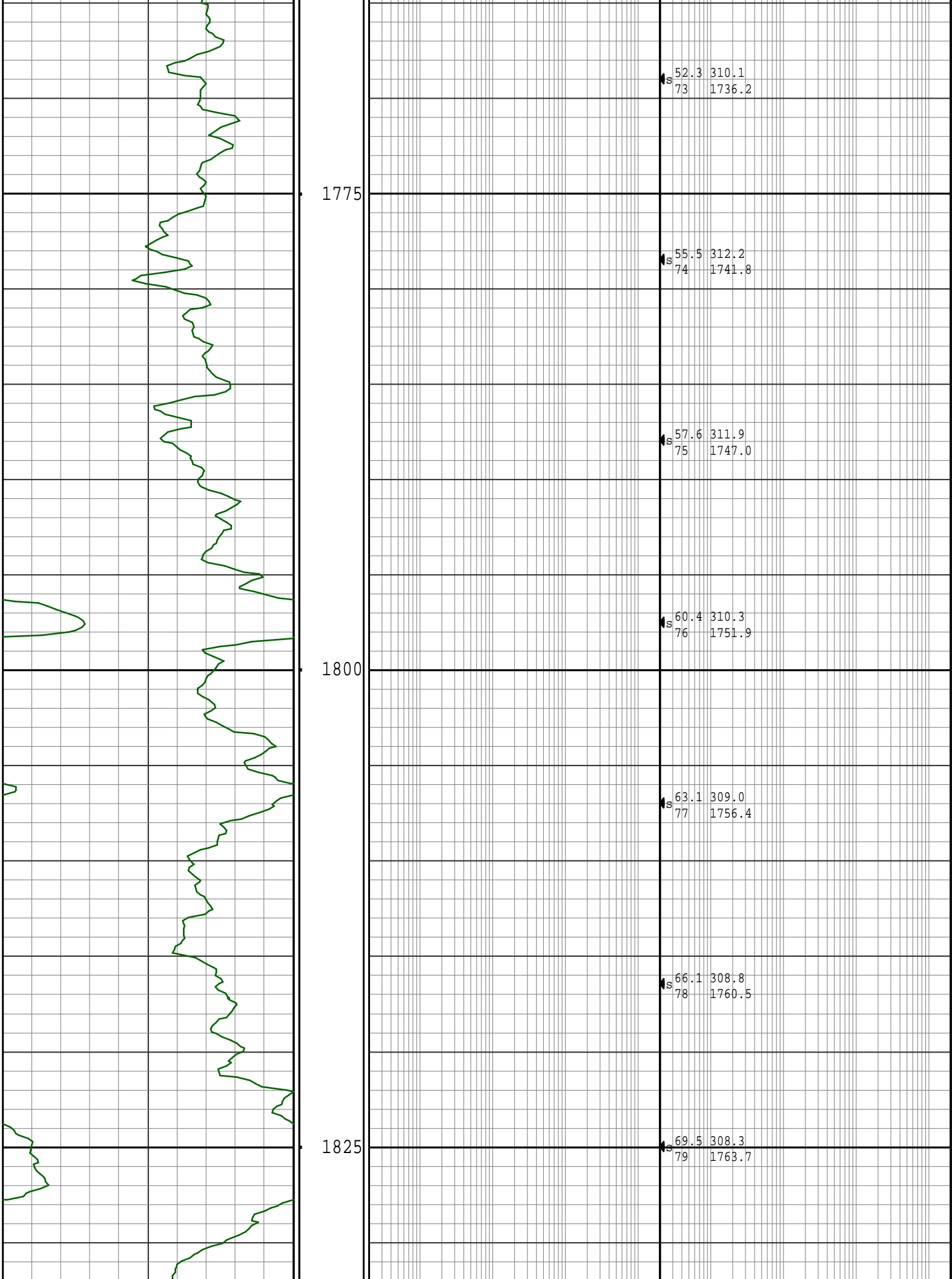
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69 1711.1

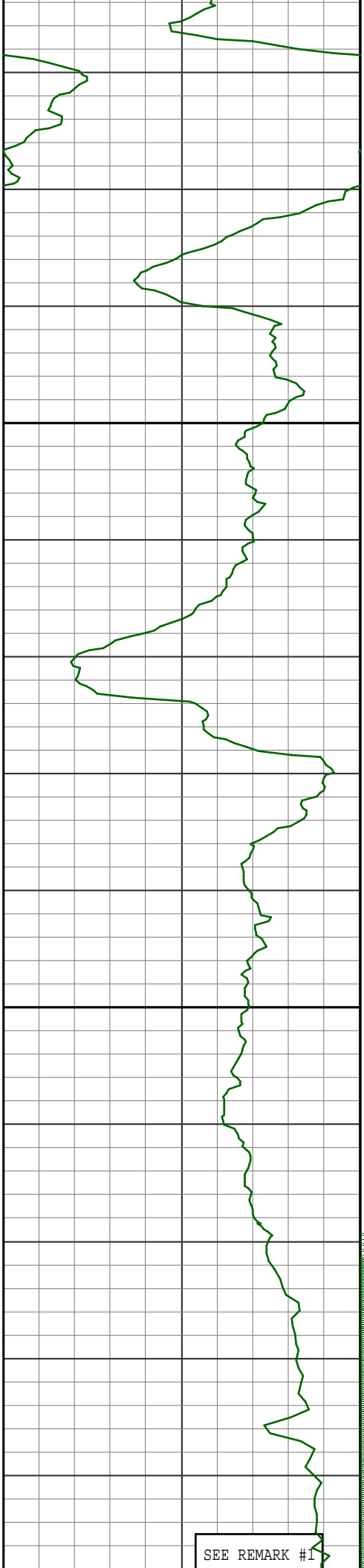
47.0 306.7
70 1717.8

1750

48.6 307.8
71 1724.1

50.9 309.7
72 1730.3





1850

1875

SEE REMARK #1

73.5 307.5
80 1766.9

76.7 307.5
81 1769.4

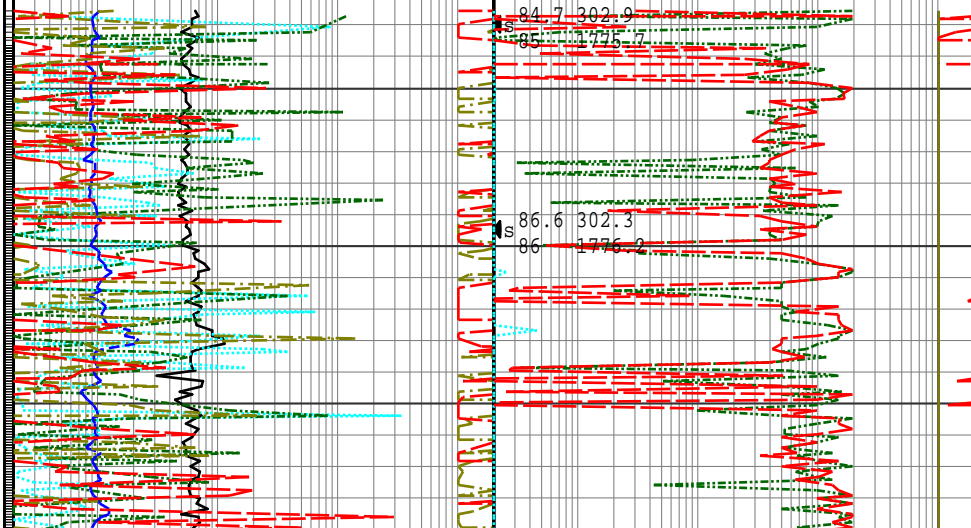
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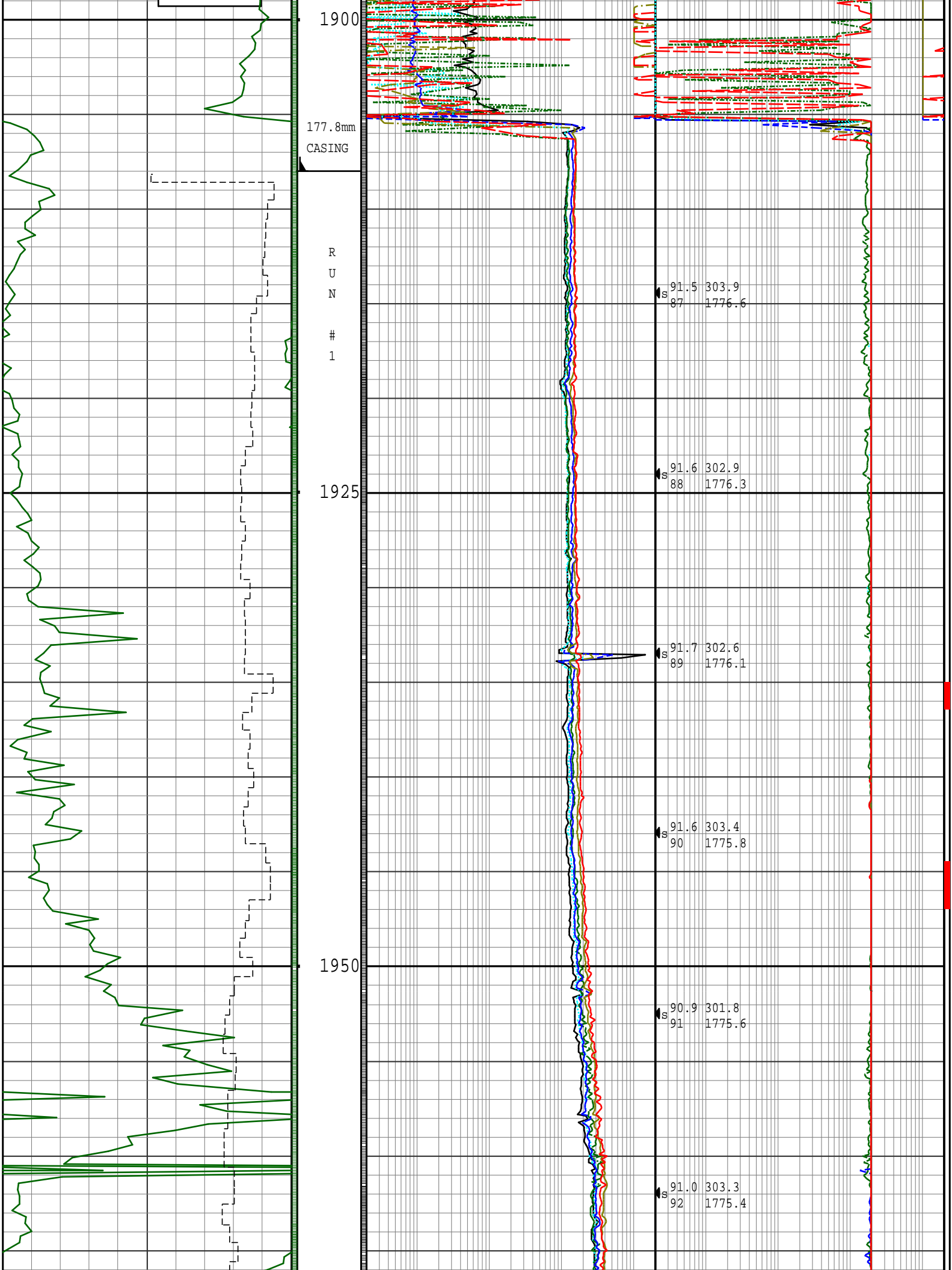
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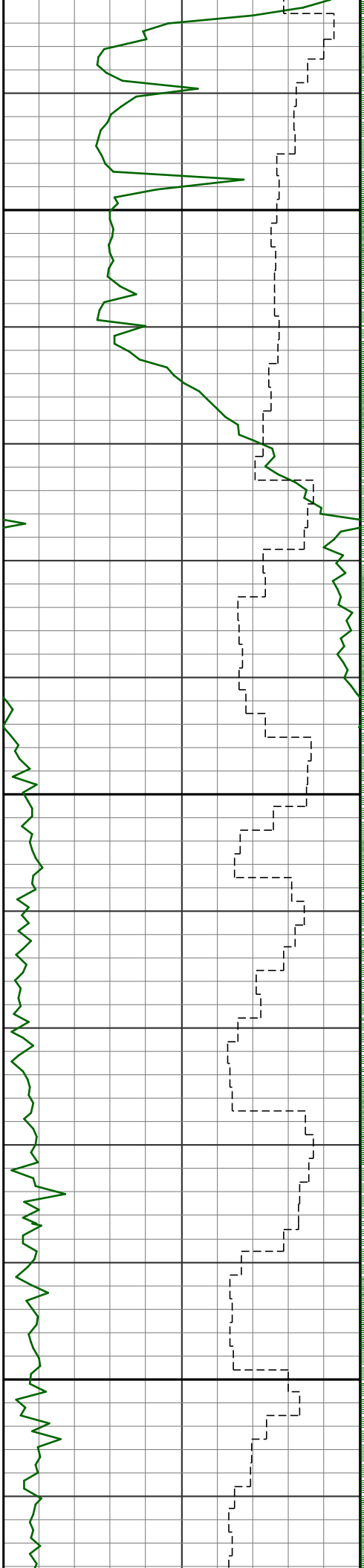
82.0 303.7
84 1774.6

84.7 302.9
85 1775.7

86.6 302.3
86 1776.2



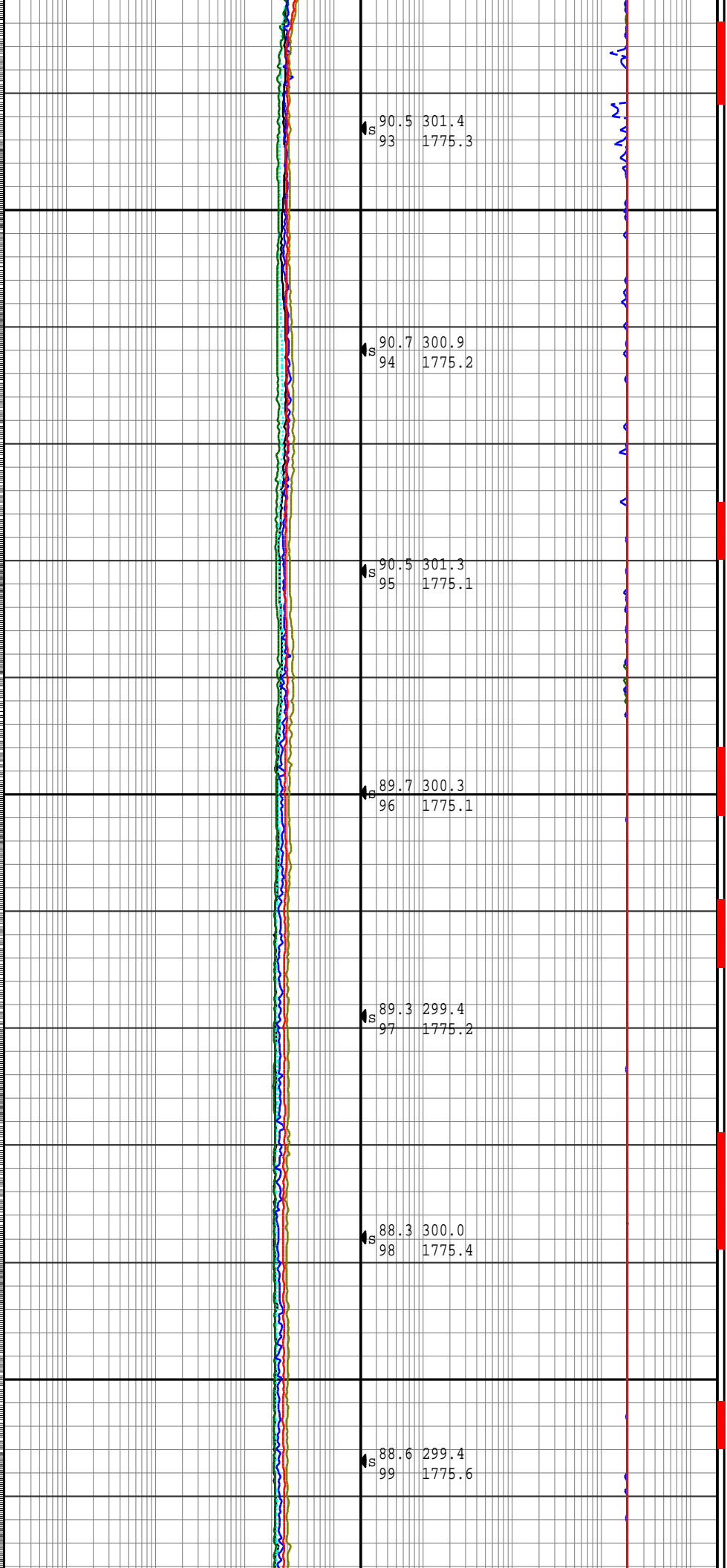


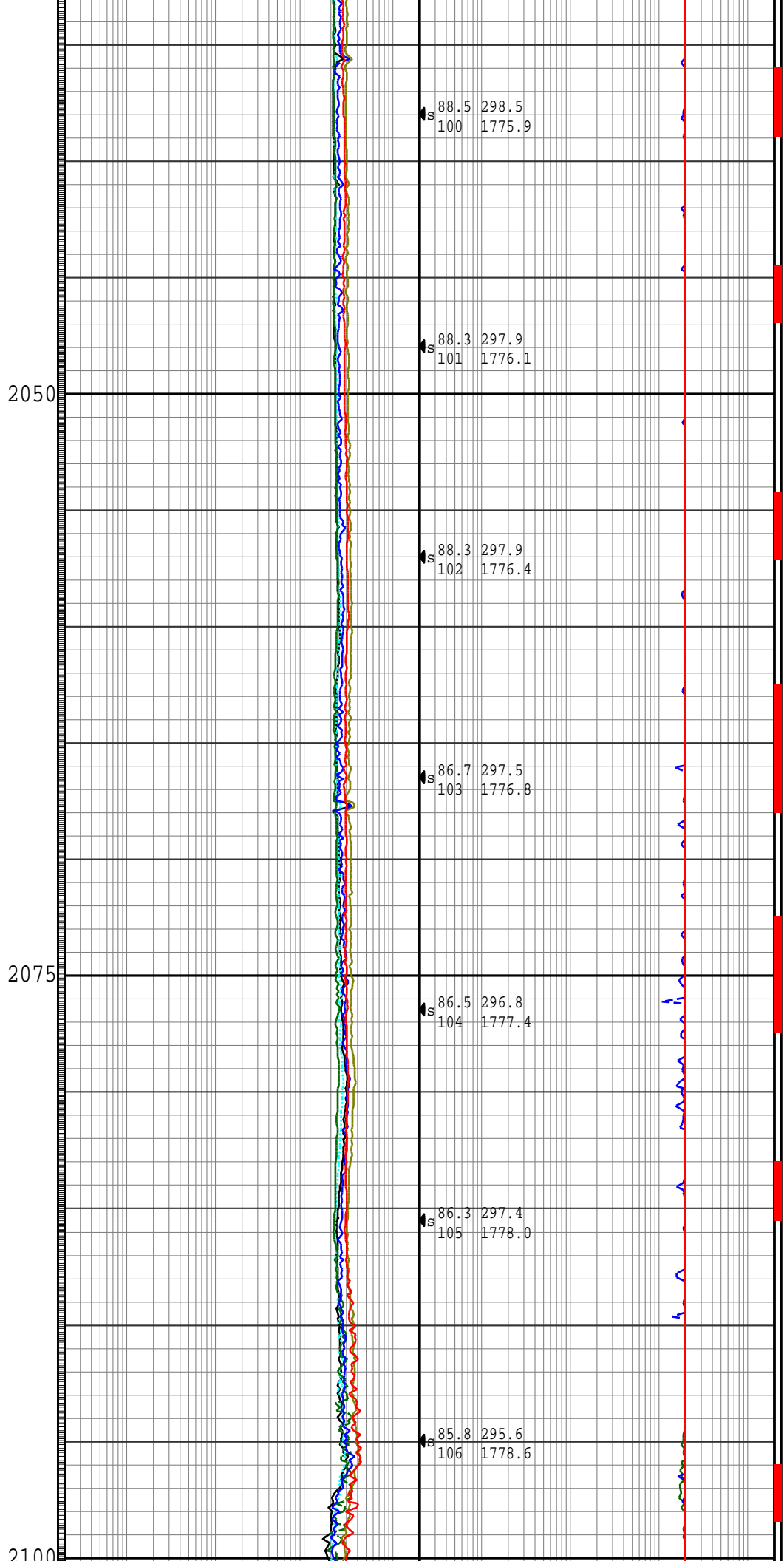
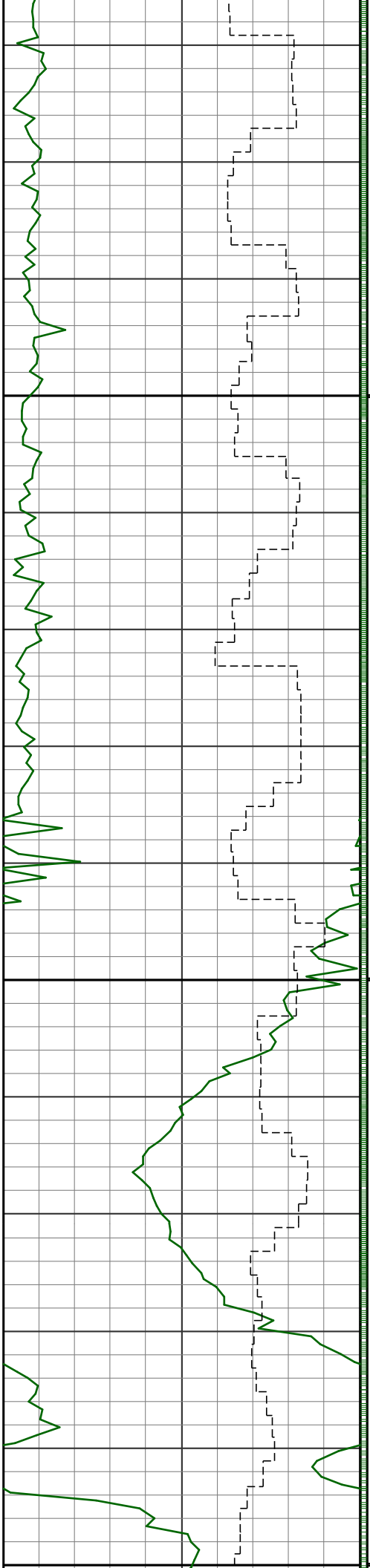


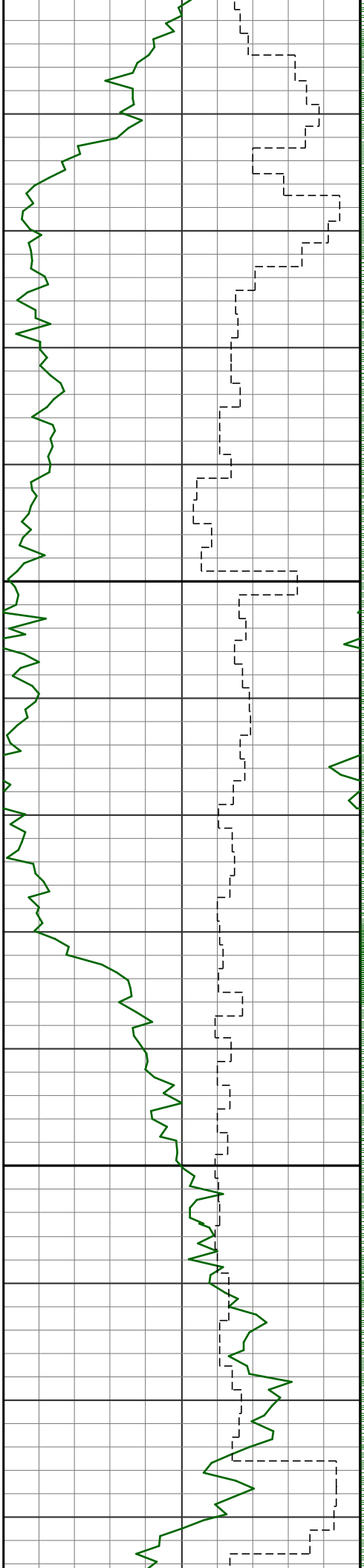
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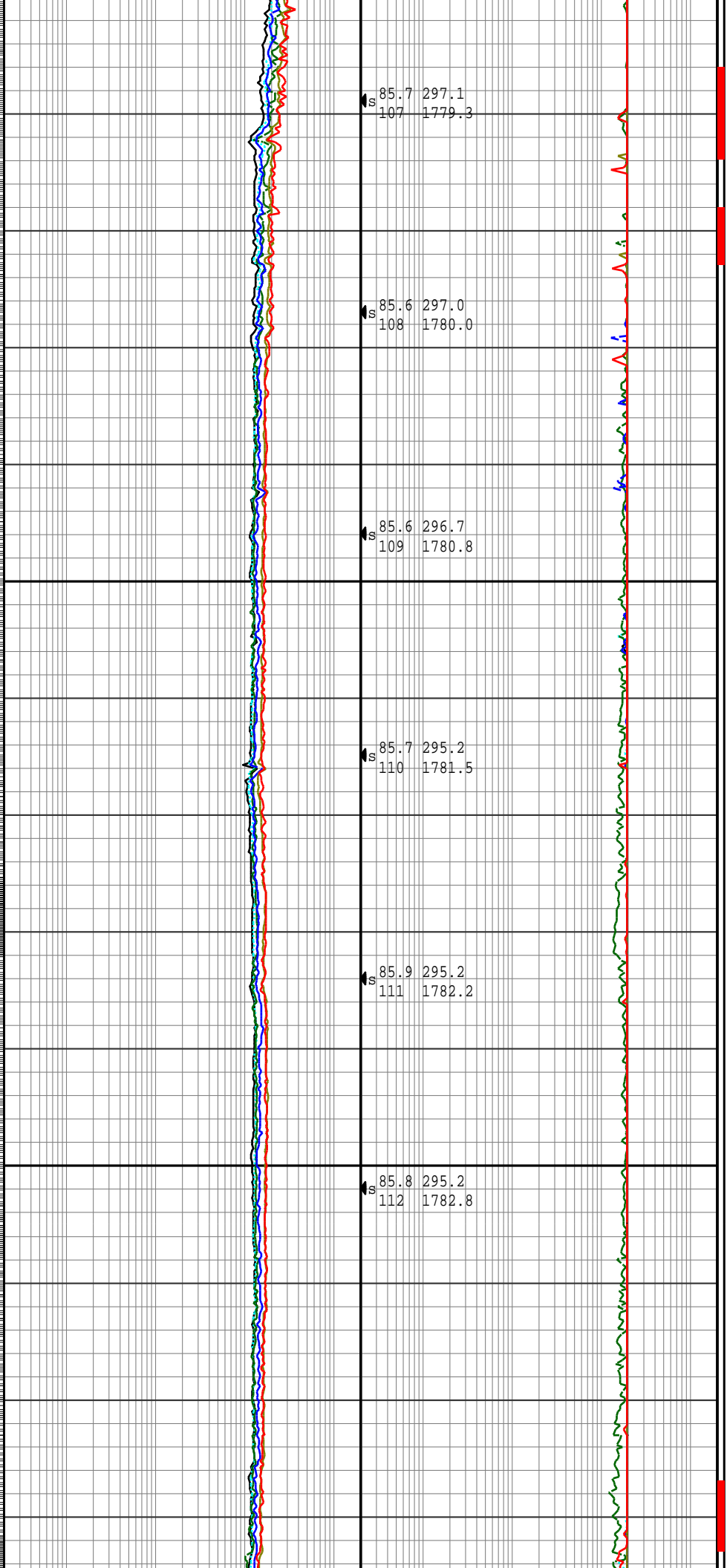
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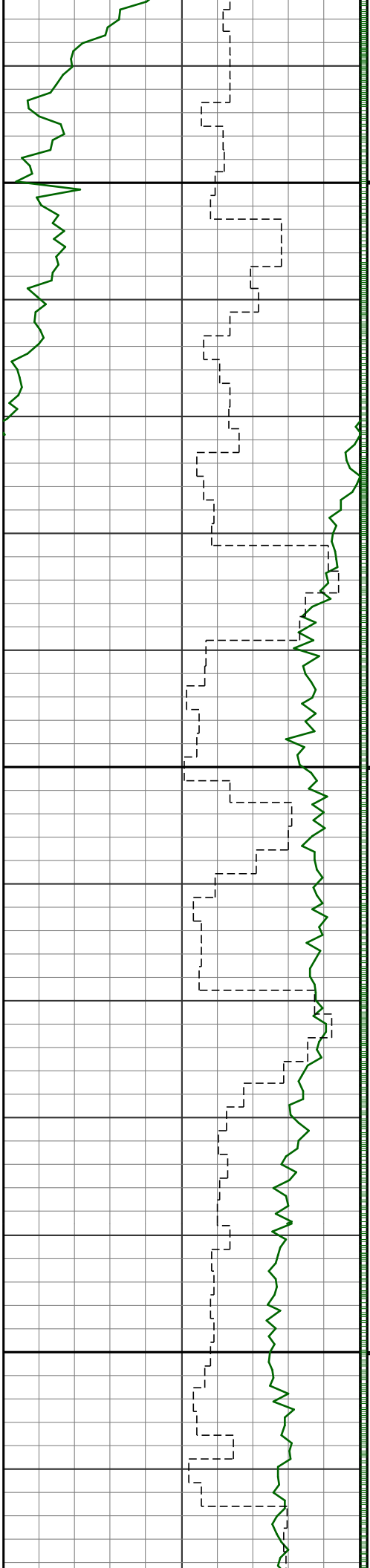






2100
2125
2150

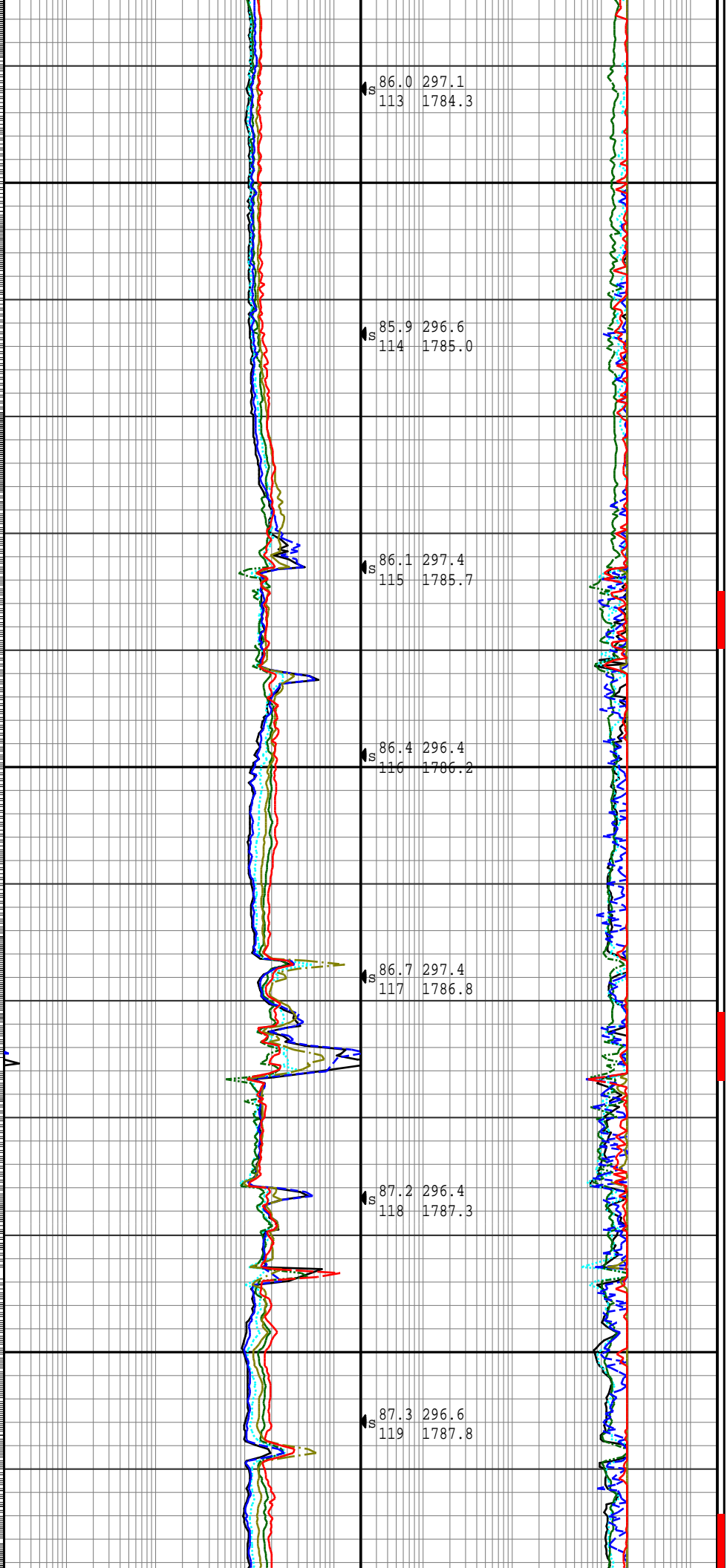


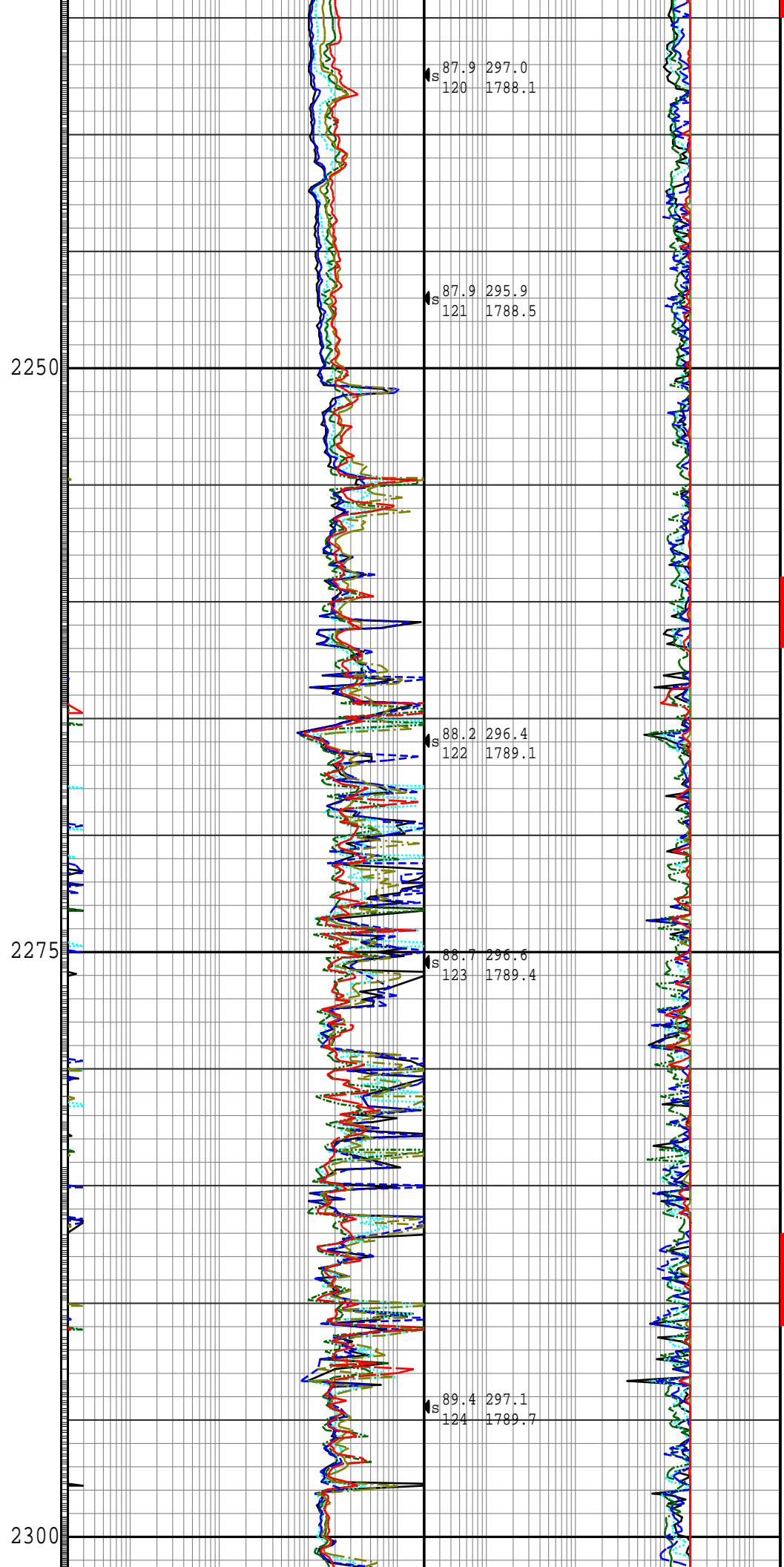
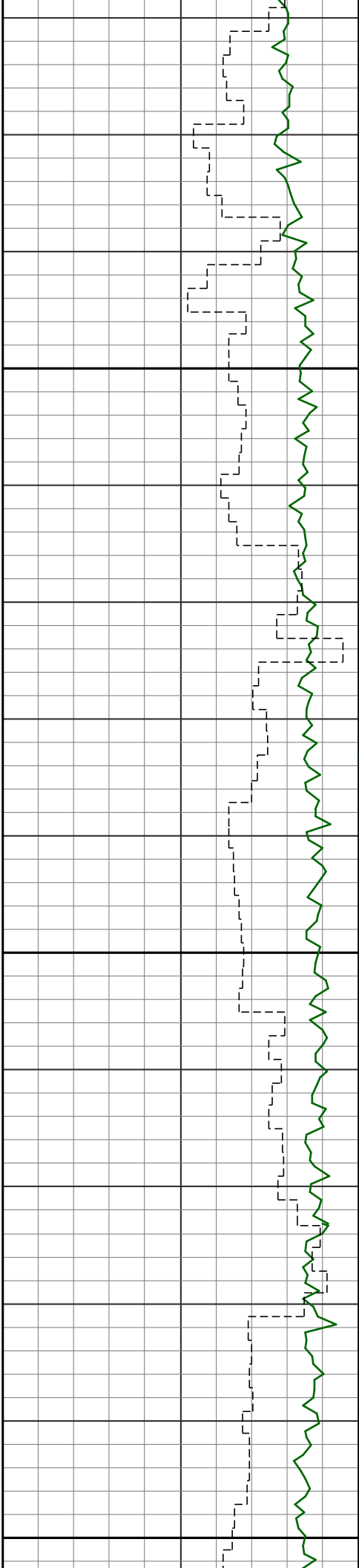


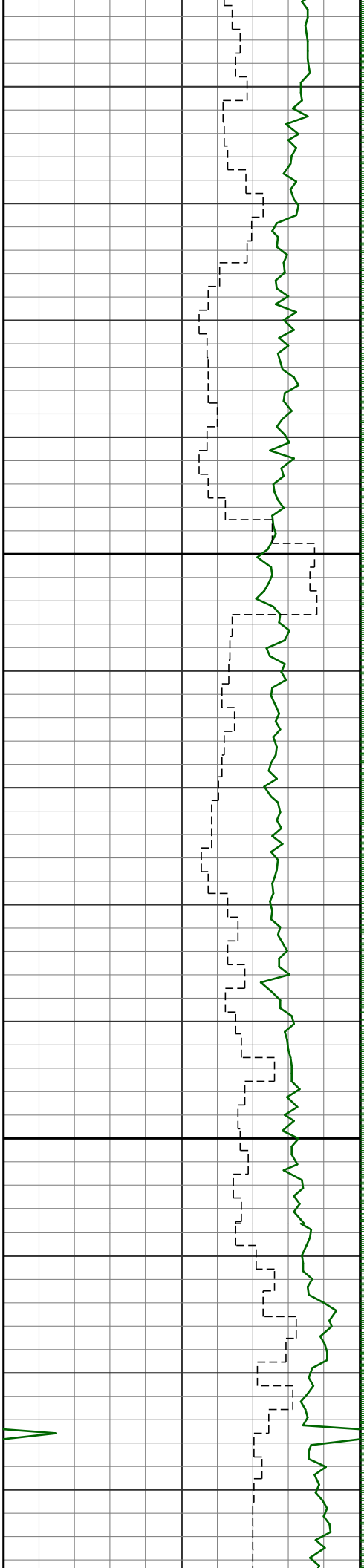
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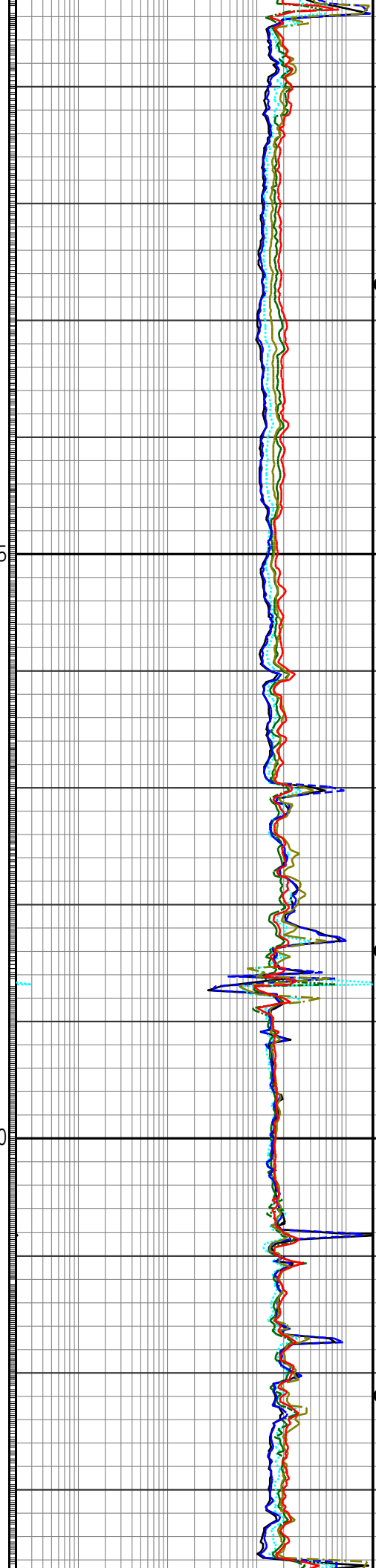






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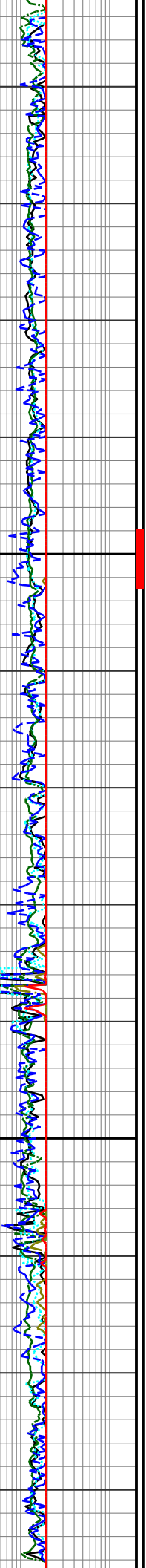
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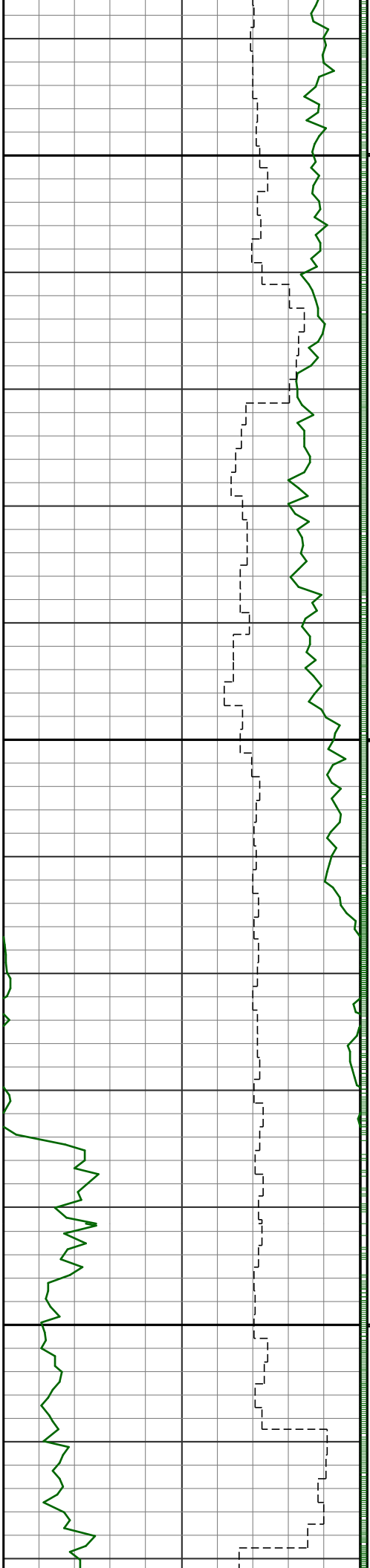


89.5 297.1
125 1789.9

89.4 298.4
126 1790.2

89.7 298.4
127 1790.3

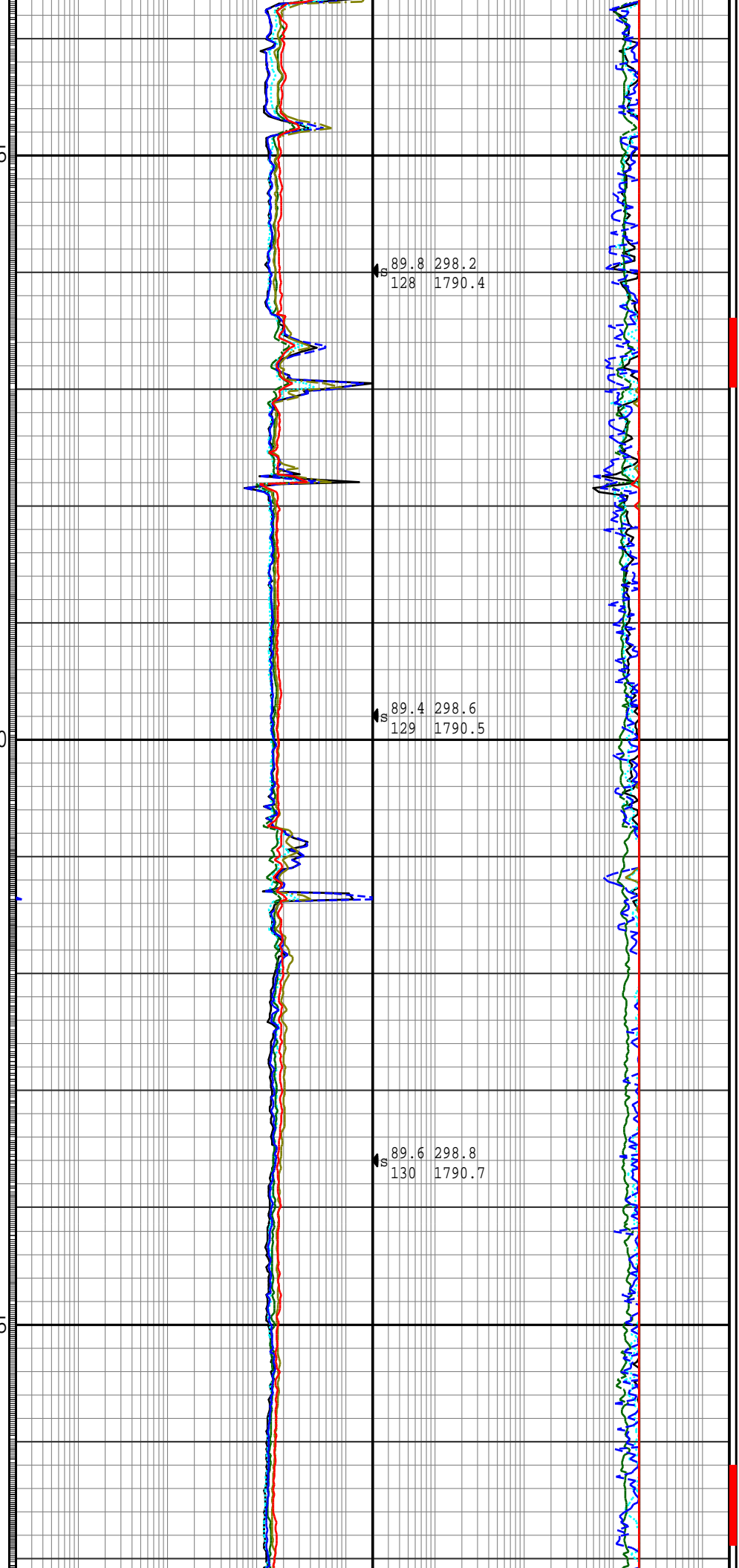


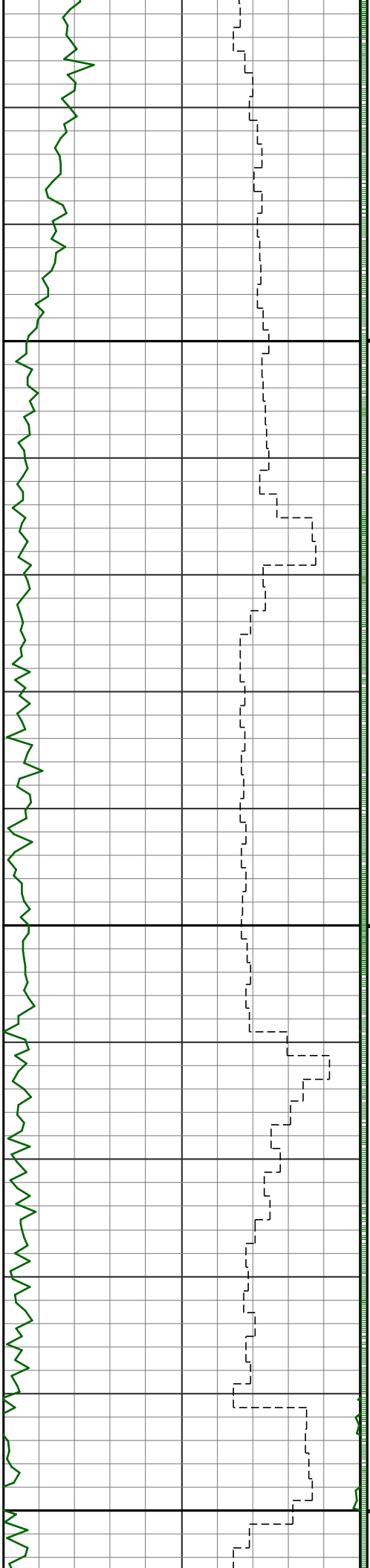


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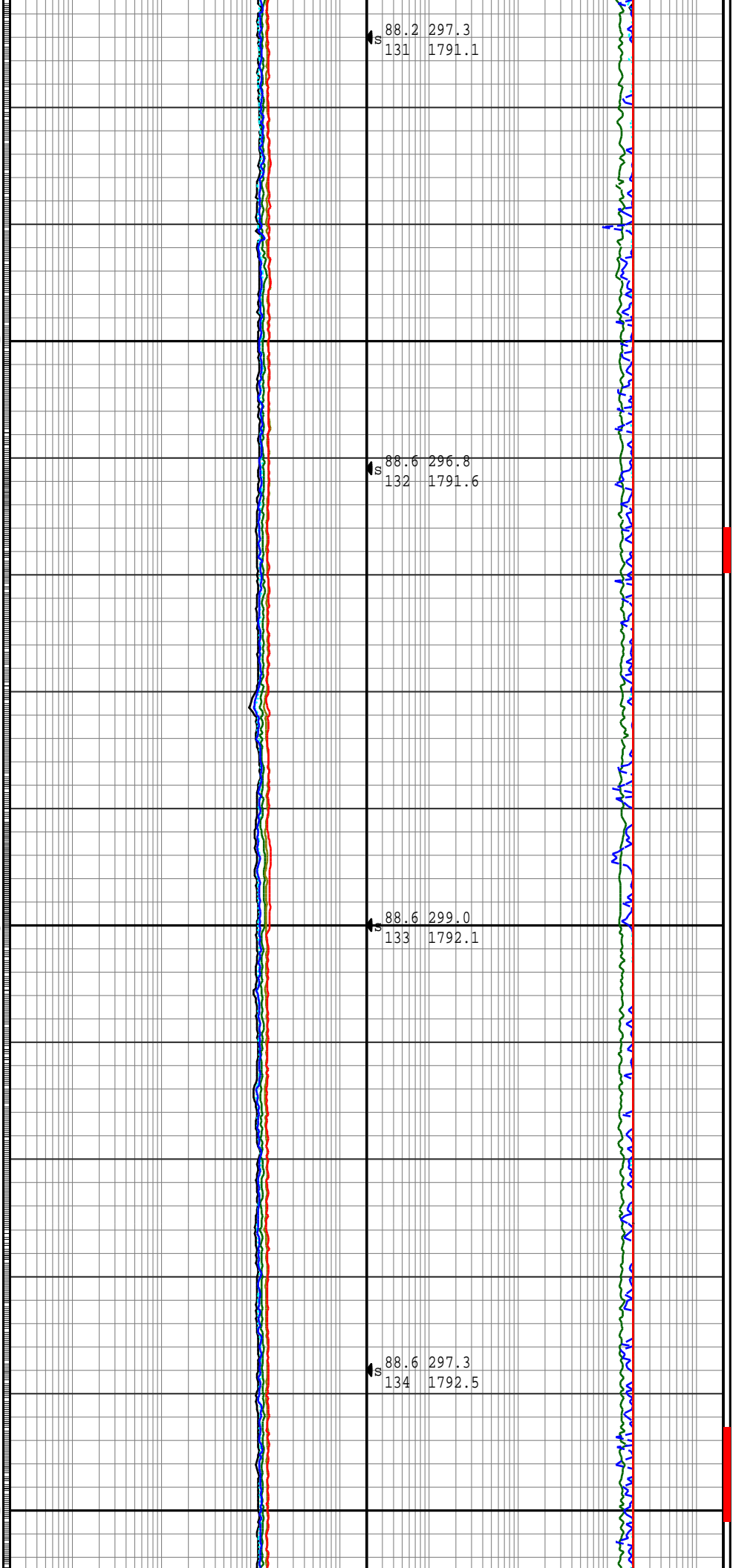


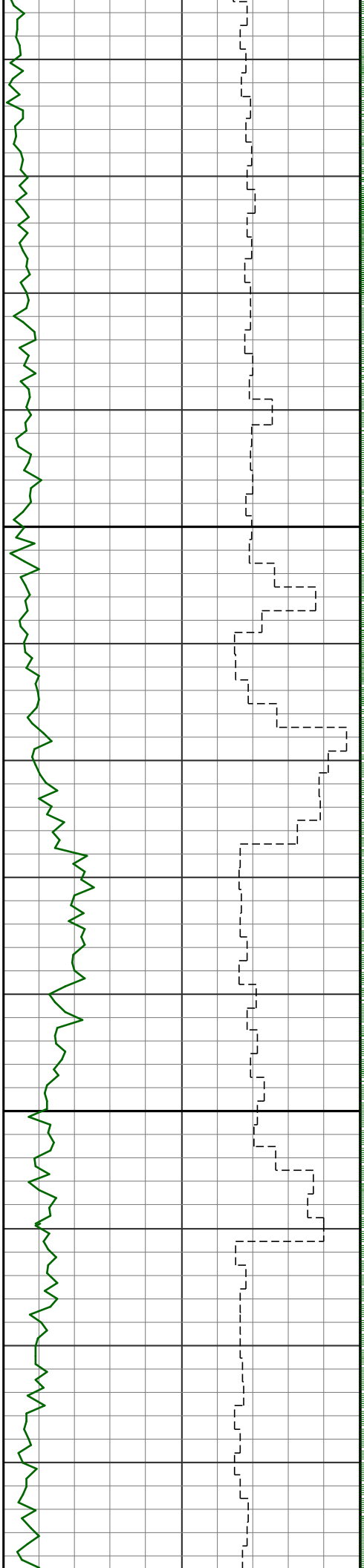


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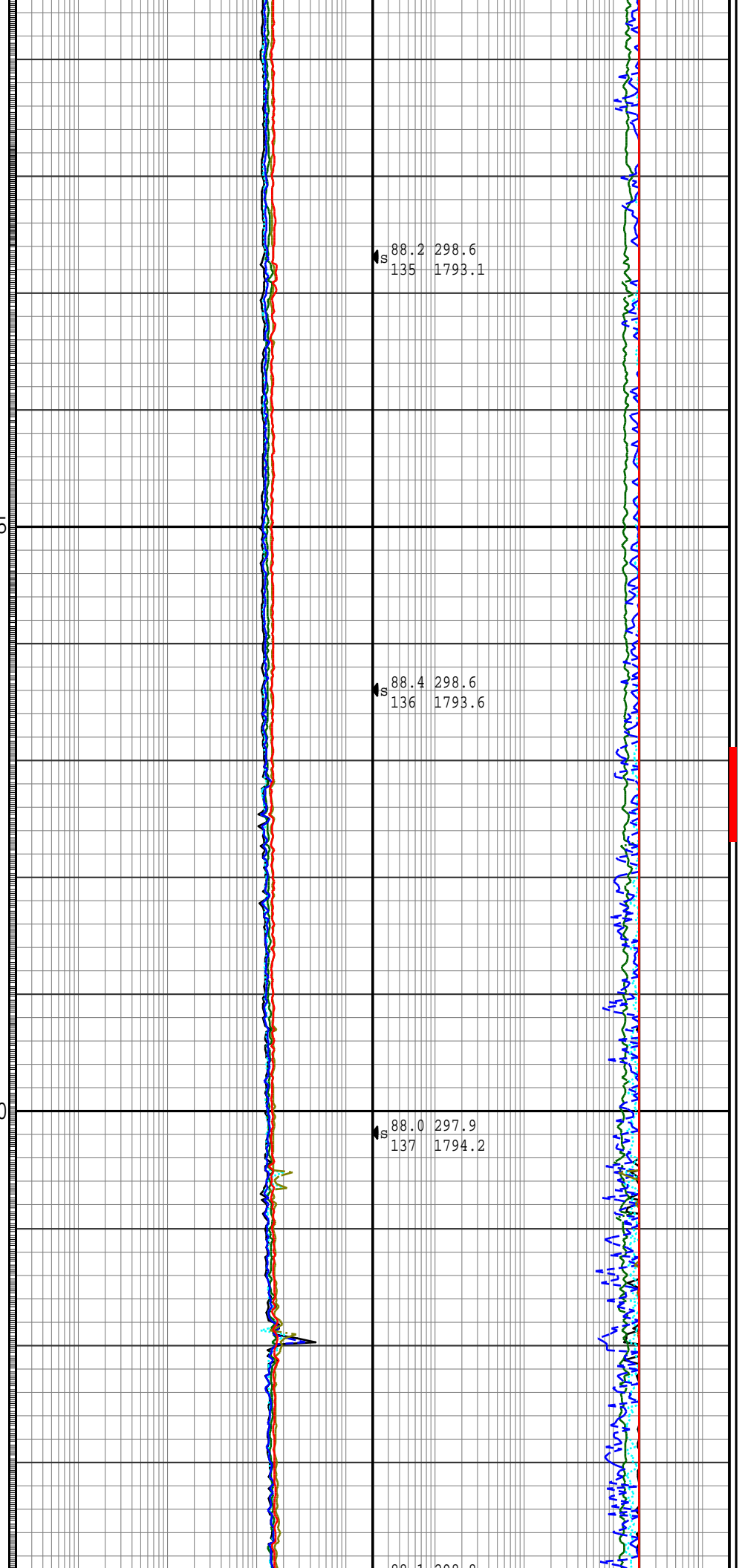
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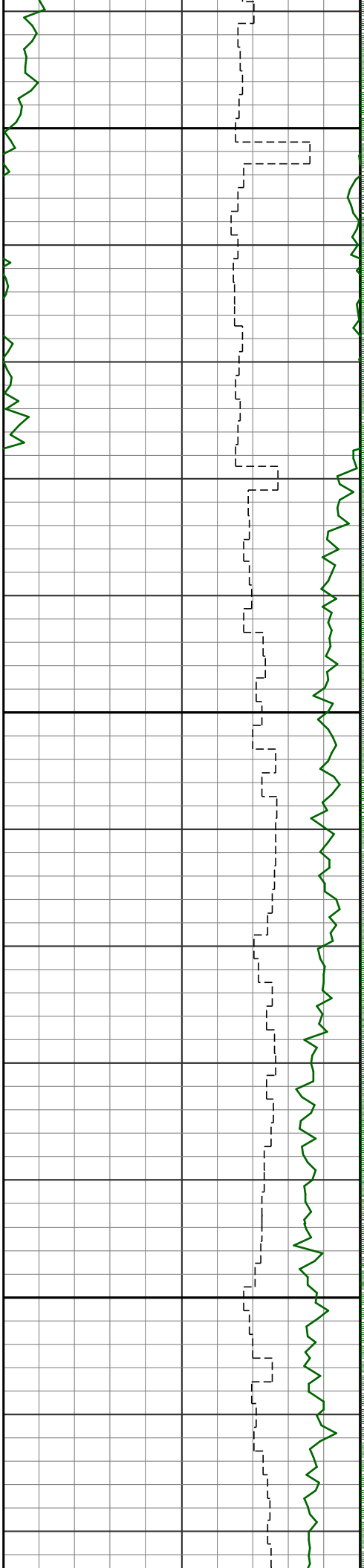




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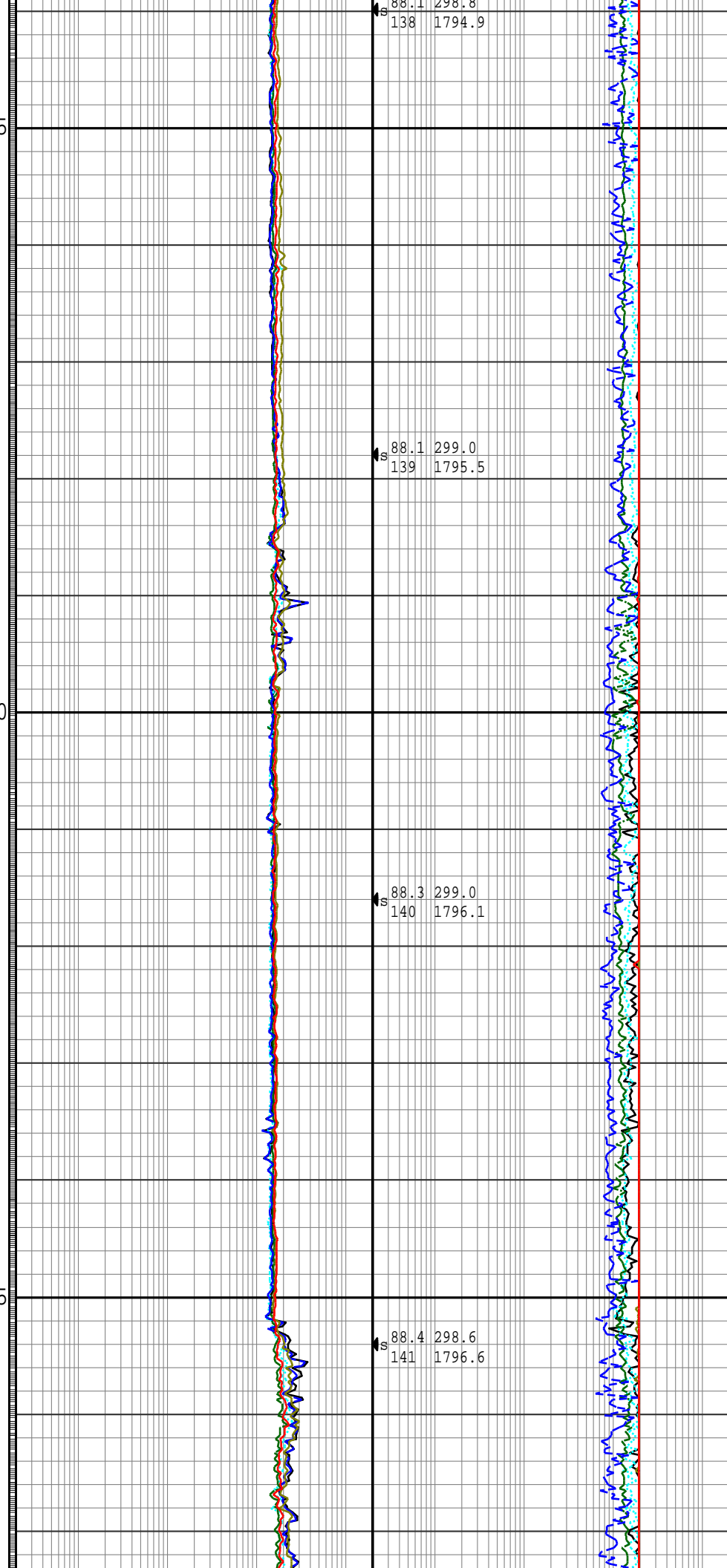


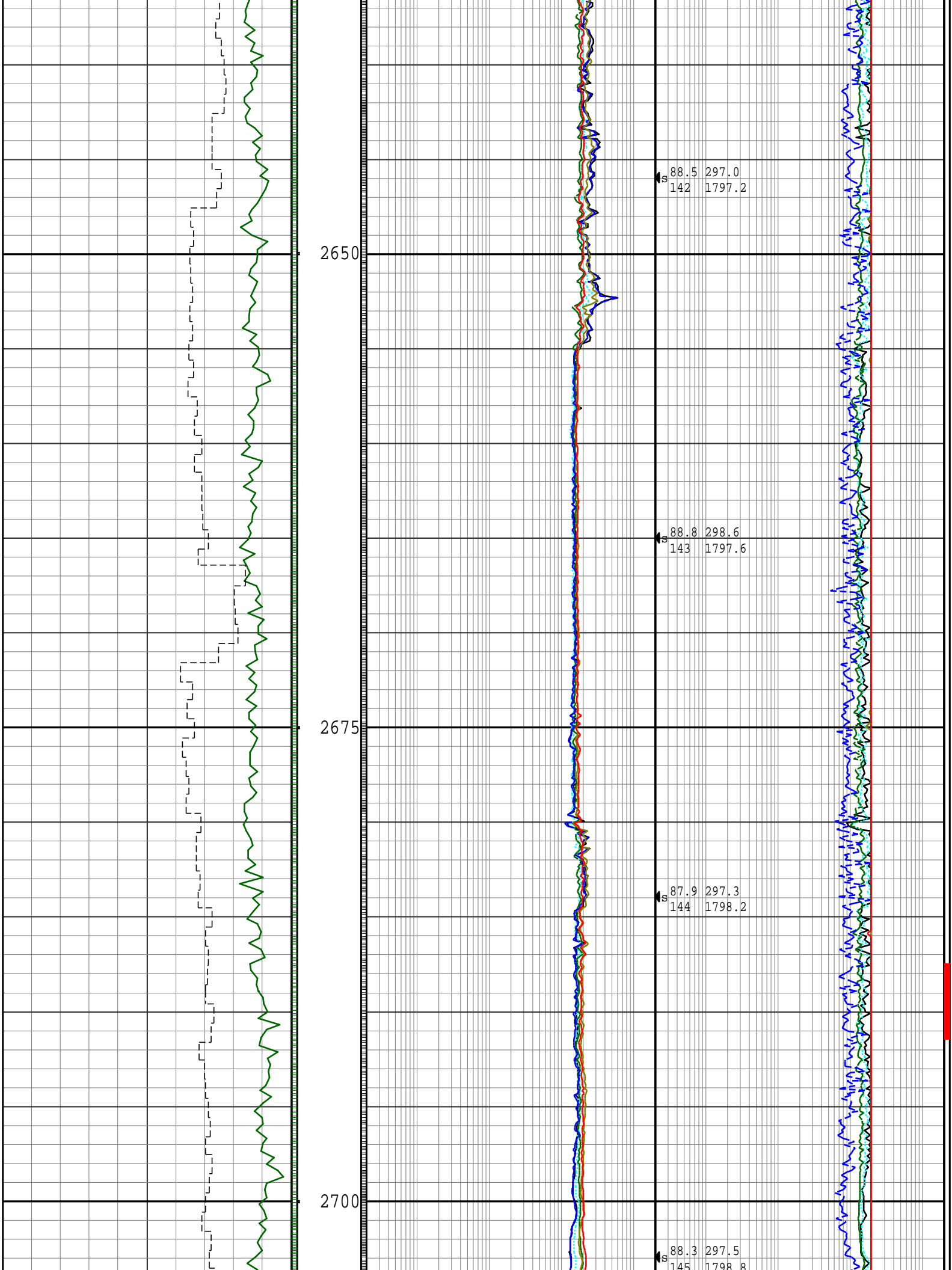


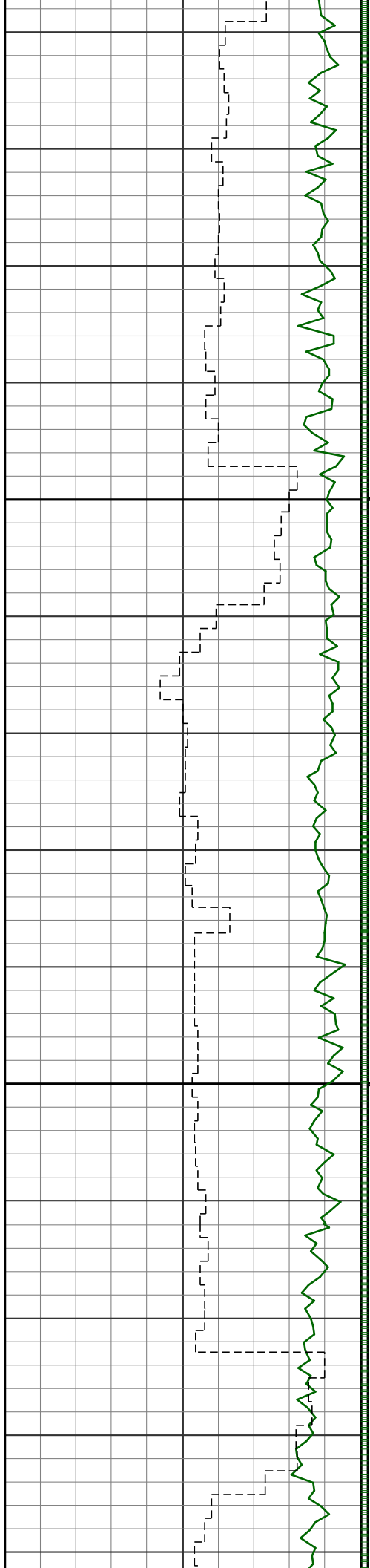
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2600

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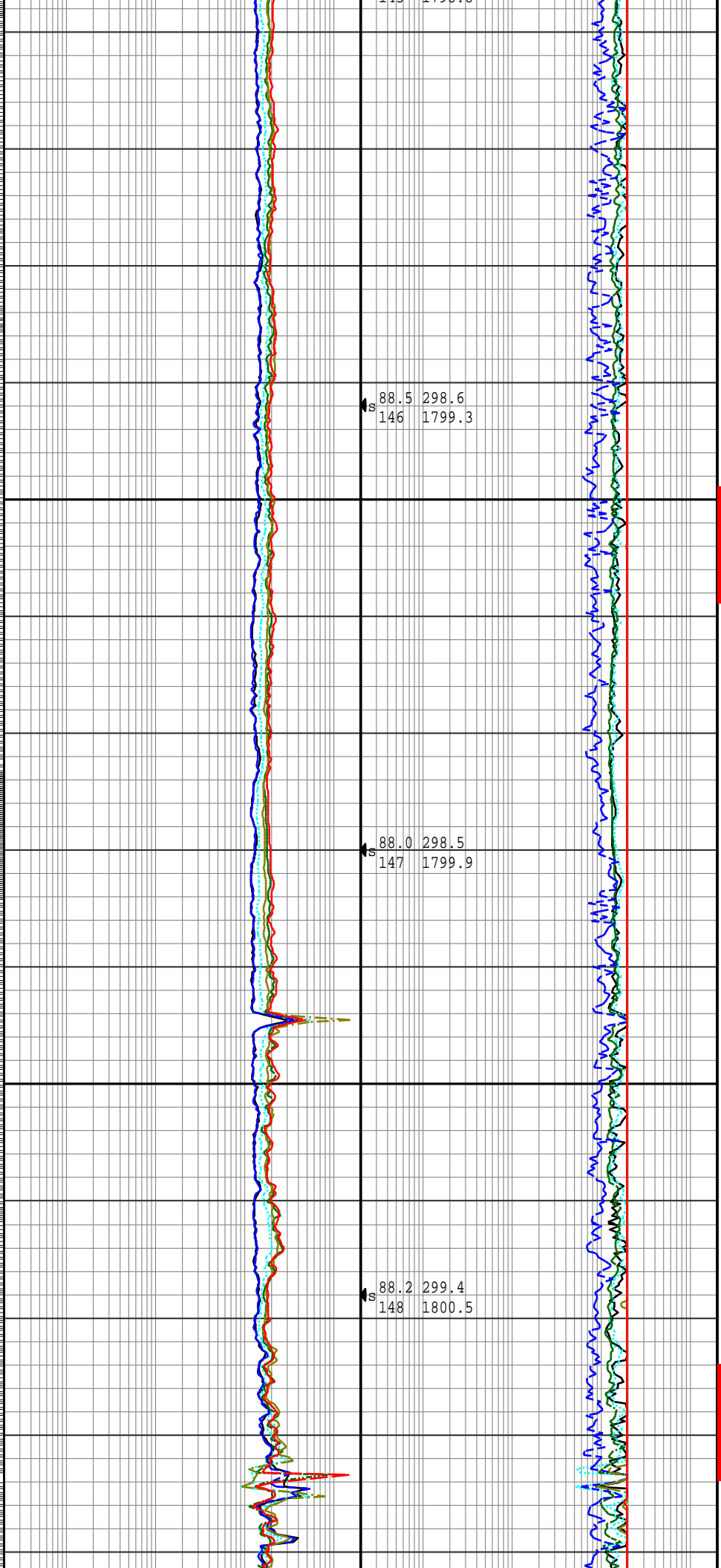


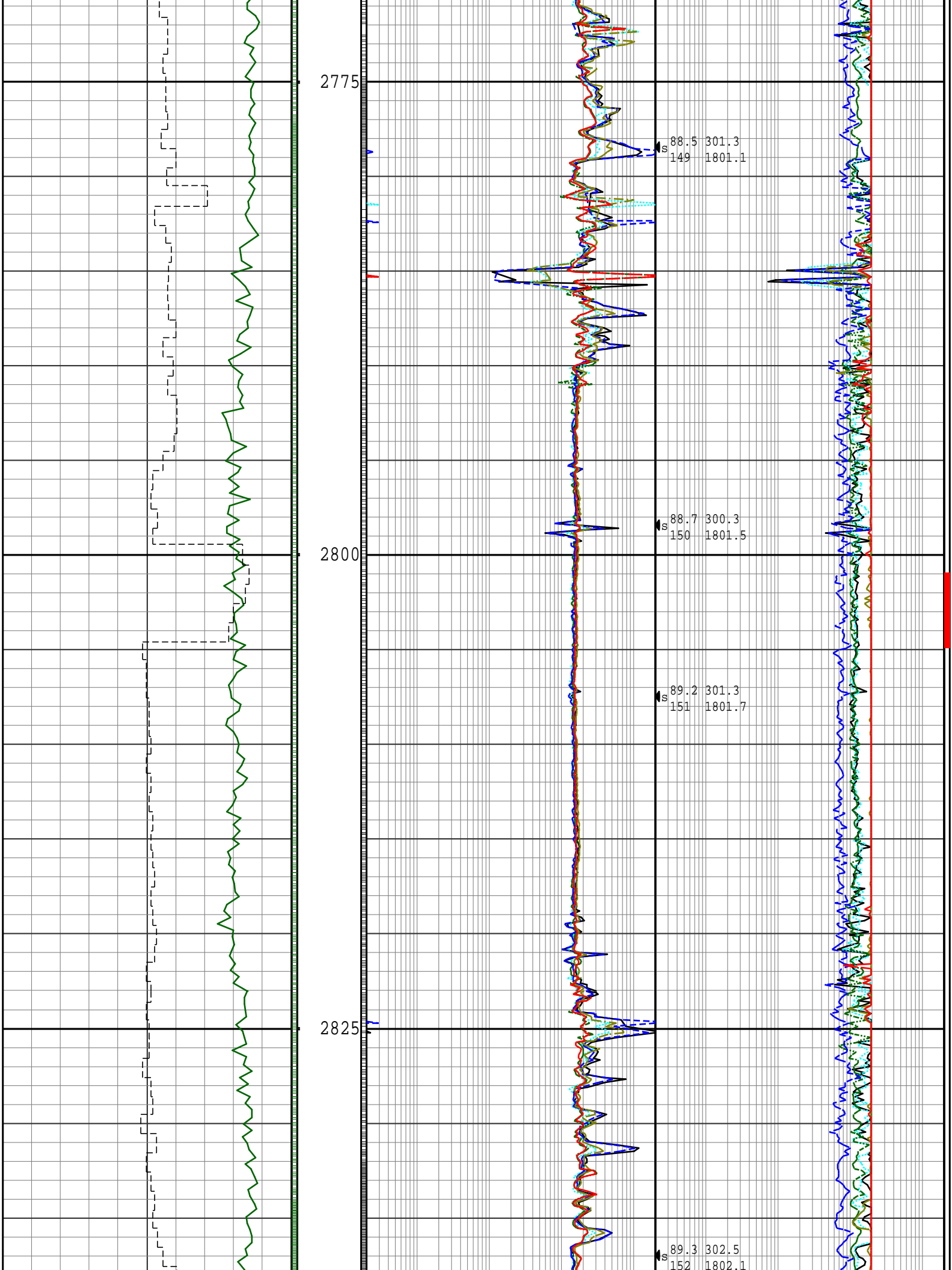


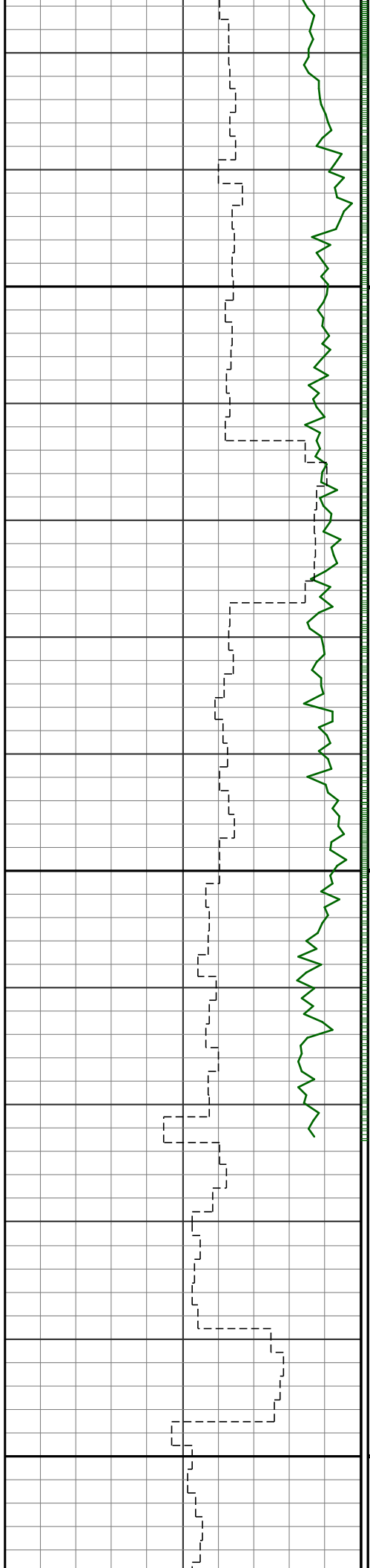


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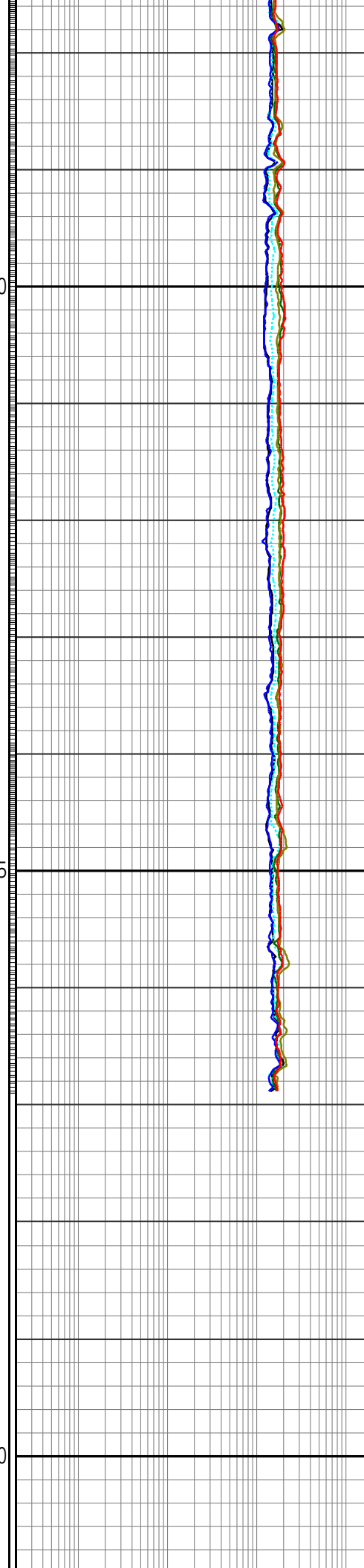


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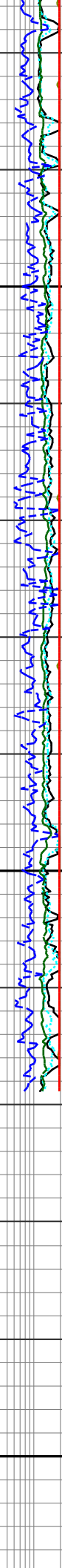
R
U



89.2 300.5
153 1802.3

87.8 301.1
154 1803.2

R
U



1198.50	2.12	145.56	1198.38	38.00	-7.12	1.20 S	7.53 E	7.62	99.07	0.80
1236.50	1.81	176.76	1236.35	38.00	-8.08	2.38 S	7.96 E	8.31	106.65	0.87
1274.50	1.41	163.67	1274.34	38.00	-8.75	3.43 S	8.12 E	8.82	112.88	0.43
1312.50	1.90	156.64	1312.32	38.00	-9.59	4.46 S	8.51 E	9.60	117.65	0.42
1351.50	2.12	141.06	1351.30	39.00	-10.79	5.61 S	9.22 E	10.79	121.33	0.45
1389.50	2.90	172.66	1389.27	38.00	-12.02	7.11 S	9.78 E	12.09	126.02	1.23
1426.50	2.78	175.74	1426.22	37.00	-13.10	8.93 S	9.97 E	13.38	131.87	0.16
1446.00	4.20	204.66	1445.68	19.50	-13.43	10.05 S	9.70 E	13.97	136.02	3.41
1464.50	2.70	229.77	1464.15	18.50	-13.35	10.95 S	9.09 E	14.23	140.31	3.40
1474.50	4.02	247.44	1474.13	10.00	-13.05	11.24 S	8.58 E	14.14	142.62	4.99
1483.50	4.60	257.05	1483.11	9.00	-12.60	11.44 S	7.94 E	13.93	145.23	3.08
1493.50	6.32	262.42	1493.06	10.00	-11.87	11.60 S	7.01 E	13.55	148.88	5.38
1503.00	7.11	268.46	1502.50	9.50	-10.95	11.69 S	5.90 E	13.09	153.22	3.34
1512.50	8.09	268.37	1511.91	9.50	-9.88	11.72 S	4.64 E	12.61	158.39	3.10
1522.00	8.62	267.36	1521.31	9.50	-8.71	11.77 S	3.26 E	12.22	164.51	1.74
1531.50	9.81	264.58	1530.69	9.50	-7.45	11.88 S	1.75 E	12.01	171.64	4.01
1541.00	10.78	267.18	1540.04	9.50	-6.05	12.00 S	0.05 E	12.00	179.74	3.40
1550.50	11.62	269.78	1549.36	9.50	-4.47	12.05 S	1.79 W	12.18	188.45	3.09
1560.00	12.59	269.78	1558.65	9.50	-2.75	12.06 S	3.78 W	12.64	197.42	3.06
1569.50	14.41	271.28	1567.88	9.50	-0.82	12.04 S	6.00 W	13.45	206.50	5.85
1580.00	15.60	270.75	1578.02	10.50	1.56	11.99 S	8.72 W	14.82	216.03	3.42
1589.50	18.78	267.97	1587.10	9.50	3.97	12.03 S	11.52 W	16.66	223.78	10.37
1599.00	19.40	278.37	1596.08	9.50	6.73	11.85 S	14.61 W	18.81	230.96	10.90
1608.50	19.31	287.85	1605.04	9.50	9.74	11.14 S	17.67 W	20.89	237.78	9.92
1617.50	19.80	296.44	1613.53	9.00	12.71	10.00 S	20.45 W	22.77	243.94	9.71
1627.00	20.19	300.14	1622.45	9.50	15.96	8.46 S	23.31 W	24.80	250.05	4.18
1636.50	21.21	303.36	1631.34	9.50	19.32	6.70 S	26.16 W	27.01	255.65	4.82
1645.50	22.80	306.18	1639.69	9.00	22.67	4.77 S	28.93 W	29.32	260.64	6.36
1655.00	24.48	309.35	1648.39	9.50	26.45	2.44 S	31.94 W	32.03	265.64	6.65
1664.50	27.22	309.27	1656.94	9.50	30.53	0.19 N	35.15 W	35.15	270.31	8.65
1674.00	29.12	310.94	1665.31	9.50	34.95	3.08 N	38.57 W	38.70	274.56	6.50
1683.50	31.20	312.66	1673.53	9.50	39.62	6.26 N	42.13 W	42.59	278.45	7.11
1693.00	33.41	312.66	1681.55	9.50	44.57	9.70 N	45.86 W	46.88	281.94	6.98
1702.50	36.10	310.68	1689.36	9.50	49.87	13.30 N	49.91 W	51.65	284.92	9.21
1712.00	38.62	308.96	1696.91	9.50	55.55	16.99 N	54.34 W	56.93	287.36	8.61
1721.50	41.71	305.96	1704.17	9.50	61.63	20.71 N	59.20 W	62.72	289.28	11.51

Survey Report											
Vertical Section Plane: 299.99°						Total Correction: 22.96° West to True					
Calculation Method: Minimum Curvature						Survey Reference: Wellhead					
North Aligned to: True North						Well: COPRC DODO CANYON E-76					
RT: 5.20m ROTARY TABLE TO GROUND LEVEL						FIELD: DODO CANYON					
Measured Depth (m)	Inclination (deg)	Azimuth (deg)	TVD (m)	Course Length (m)	Vertical Section (m)	Rect Co-ord North (m)	Rect Co-ord East (m)	Closure Distance (m)	Closure Direction (deg)	Dog-leg Severity (dg/30m)	Temp (deg C)
1731.00	44.19	306.67	1711.12	9.50	68.06	24.54 N	64.42 W	68.94	290.86	7.98	
1740.50	47.02	306.67	1717.77	9.50	74.80	28.60 N	69.86 W	75.49	292.26	8.94	
1750.00	48.61	307.77	1724.15	9.50	81.79	32.85 N	75.47 W	82.31	293.53	5.64	
1759.50	50.91	309.66	1730.28	9.50	88.95	37.39 N	81.12 W	89.33	294.75	8.57	
1769.00	52.32	310.15	1736.18	9.50	96.29	42.17 N	86.84 W	96.53	295.90	4.62	
1778.50	55.50	312.17	1741.78	9.50	103.82	47.22 N	92.61 W	103.96	297.02	11.29	
1788.00	57.58	311.87	1747.02	9.50	111.57	52.53 N	98.50 W	111.63	298.07	6.62	
1797.50	60.41	310.28	1751.91	9.50	119.56	57.87 N	104.64 W	119.58	298.95	9.92	
1807.00	63.10	308.96	1756.41	9.50	127.81	63.21 N	111.08 W	127.81	299.64	9.25	
1816.50	66.11	308.78	1760.48	9.50	136.29	68.59 N	117.77 W	136.29	300.22	9.52	
1825.00	69.51	308.34	1763.69	8.50	144.07	73.50 N	123.92 W	144.08	300.67	12.09	
1835.00	73.49	307.55	1766.86	10.00	153.46	79.33 N	131.40 W	153.49	301.12	12.15	
1845.00	76.71	307.55	1769.43	10.00	163.04	85.22 N	139.06 W	163.09	301.50	9.66	
1854.50	79.10	305.56	1771.42	9.50	172.26	90.75 N	146.52 W	172.35	301.77	9.73	
1864.00	80.20	304.07	1773.13	9.50	181.57	96.08 N	154.19 W	181.68	301.93	5.79	
1873.50	82.02	303.67	1774.60	9.50	190.94	101.31 N	161.98 W	191.06	302.02	5.88	
1883.00	84.71	302.88	1775.70	9.50	200.36	106.49 N	169.87 W	200.49	302.08	8.85	
1889.50	86.61	302.26	1776.19	6.50	206.83	109.98 N	175.33 W	206.97	302.10	9.22	
1914.50	91.52	303.85	1776.60	25.00	231.79	123.61 N	196.28 W	231.96	302.20	6.19	
1924.00	91.60	302.88	1776.34	9.50	241.27	128.83 N	204.21 W	241.45	302.25	3.07	
1933.50	91.70	302.60	1776.06	9.50	250.75	133.97 N	212.20 W	250.95	302.27	0.94	
1943.00	91.60	303.40	1775.79	9.50	260.23	139.14 N	220.16 W	260.44	302.29	2.55	
1952.50	90.90	301.80	1775.58	9.50	269.72	144.26 N	228.16 W	269.94	302.30	5.51	
1962.00	91.00	303.30	1775.42	9.50	279.21	149.37 N	236.17 W	279.44	302.31	4.75	
1971.50	90.50	301.40	1775.30	9.50	288.70	154.45 N	244.19 W	288.94	302.31	6.20	
1981.00	90.70	300.90	1775.20	9.50	298.20	159.36 N	252.32 W	298.44	302.28	1.70	
1990.50	90.50	301.30	1775.10	9.50	307.70	164.27 N	260.46 W	307.93	302.24	1.41	
2000.00	89.70	300.30	1775.08	9.50	317.19	169.14 N	268.62 W	317.43	302.20	4.04	
2009.50	89.30	299.40	1775.17	9.50	326.69	173.86 N	276.86 W	326.92	302.13	3.11	
2019.00	88.30	300.00	1775.37	9.50	336.19	178.57 N	285.11 W	336.41	302.06	3.68	
2028.50	88.60	299.40	1775.62	9.50	345.69	183.27 N	293.35 W	345.90	302.00	2.12	
2038.00	88.50	298.50	1775.86	9.50	355.18	187.87 N	301.67 W	355.38	301.91	2.86	
2048.00	88.30	297.90	1776.14	10.00	365.17	192.60 N	310.47 W	365.36	301.81	1.90	
2057.00	88.30	297.90	1776.41	9.00	374.16	196.80 N	318.42 W	374.33	301.72	0.00	
2066.50	86.70	297.50	1776.82	9.50	383.65	201.22 N	326.83 W	383.80	301.62	5.21	
2076.50	86.50	296.80	1777.42	10.00	393.62	205.77 N	335.71 W	393.76	301.51	2.18	
2085.50	86.30	297.37	1777.98	9.00	402.59	209.86 N	343.71 W	402.71	301.41	2.01	
2095.00	85.82	295.65	1778.64	9.50	412.05	214.09 N	352.19 W	412.15	301.29	5.63	
2104.50	85.68	293.15	1779.34	9.50	421.59	218.38 N	360.67 W	421.59	301.19	4.74	

2104.50	85.68	297.15	1779.34	9.50	421.50	218.30 N	368.67 W	421.59	301.19	4.74
2113.50	85.59	296.97	1780.02	9.00	430.47	222.39 N	368.67 W	430.55	301.10	0.67
2123.00	85.59	296.66	1780.76	9.50	439.92	226.66 N	377.12 W	439.99	301.01	0.98
2132.50	85.68	295.25	1781.48	9.50	449.37	230.80 N	385.64 W	449.43	300.90	4.45
2142.00	85.90	295.20	1782.18	9.50	458.81	234.84 N	394.21 W	458.86	300.78	0.71
2151.00	85.82	295.16	1782.83	9.00	467.76	238.66 N	402.33 W	467.79	300.68	0.30
2171.00	85.99	297.06	1784.25	20.00	487.66	247.44 N	420.24 W	487.68	300.49	2.85
2181.50	85.90	296.57	1785.00	10.50	498.12	252.17 N	429.59 W	498.13	300.41	1.42
2191.50	86.10	297.40	1785.69	10.00	508.08	256.69 N	438.48 W	508.09	300.35	2.56
2199.50	86.40	296.40	1786.22	8.00	516.05	260.30 N	445.60 W	516.06	300.29	3.91
2209.00	86.70	297.40	1786.79	9.50	525.52	264.59 N	454.05 W	525.52	300.23	3.29
2218.50	87.20	296.40	1787.29	9.50	534.99	268.89 N	462.51 W	534.99	300.17	3.53
2228.00	87.30	296.60	1787.75	9.50	544.46	273.12 N	471.01 W	544.46	300.11	0.70
2237.50	87.90	297.00	1788.15	9.50	553.94	277.40 N	479.48 W	553.94	300.05	2.28
2247.00	87.90	295.90	1788.50	9.50	563.42	281.63 N	487.98 W	563.42	299.99	3.47
2266.00	88.20	296.40	1789.14	19.00	582.36	290.00 N	505.02 W	582.36	299.87	0.92
2275.50	88.70	296.60	1789.40	9.50	591.84	294.23 N	513.52 W	591.84	299.81	1.70
2294.50	89.40	297.10	1789.71	19.00	610.81	302.81 N	530.47 W	610.82	299.72	1.36
2313.50	89.50	297.10	1789.90	19.00	629.78	311.47 N	547.38 W	629.80	299.64	0.16
2342.00	89.40	298.40	1790.17	28.50	658.26	324.74 N	572.61 W	658.28	299.56	1.37
2361.00	89.70	298.40	1790.32	19.00	677.25	333.77 N	589.32 W	677.28	299.53	0.47
2380.00	89.80	298.20	1790.40	19.00	696.24	342.78 N	606.05 W	696.27	299.49	0.35
2399.00	89.40	298.60	1790.54	19.00	715.24	351.82 N	622.76 W	715.27	299.46	0.89
2418.00	89.60	298.80	1790.70	19.00	734.23	360.94 N	639.43 W	734.26	299.44	0.45
2437.00	88.20	297.28	1791.07	19.00	753.22	369.87 N	656.19 W	753.25	299.41	3.26
2455.50	88.60	296.84	1791.58	18.50	771.68	378.29 N	672.66 W	771.73	299.35	0.96
2475.00	88.60	298.95	1792.06	19.50	791.16	387.41 N	689.89 W	791.22	299.32	3.25
2494.00	88.60	297.28	1792.52	19.00	810.15	396.36 N	706.64 W	810.21	299.29	2.64
2513.50	88.20	298.56	1793.07	19.50	829.63	405.48 N	723.86 W	829.69	299.26	2.06
2532.00	88.38	298.65	1793.62	18.50	848.11	414.34 N	740.10 W	848.19	299.24	0.33
2551.00	87.98	297.85	1794.22	19.00	867.09	423.32 N	756.83 W	867.17	299.22	1.41
2570.00	88.10	298.80	1794.87	19.00	886.08	432.33 N	773.54 W	886.16	299.20	1.51
2589.00	88.10	299.00	1795.50	19.00	905.06	441.51 N	790.17 W	905.15	299.19	0.32

Survey Report											
Vertical Section Plane: 299.99°						Total Correction: 22.96° West to True					
Calculation Method: Minimum Curvature						Survey Reference: Wellhead					
North Aligned to: True North						Well: COPRC DODO CANYON E-76					
RT: 5.20m ROTARY TABLE TO GROUND LEVEL						FIELD: DODO CANYON					
Measured Depth (m)	Inclination (deg)	Azimuth (deg)	TVD (m)	Course Length (m)	Vertical Section (m)	Rect Co-ord North (m)	Rect Co-ord East (m)	Closure Distance (m)	Closure Direction (deg)	Dog-leg Severity (dg/30m)	Temp (deg C)
2608.00	88.30	299.00	1796.10	19.00	924.05	450.72 N	806.78 W	924.14	299.19	0.32	
2627.00	88.40	298.60	1796.65	19.00	943.04	459.87 N	823.42 W	943.13	299.18	0.65	
2646.00	88.50	297.00	1797.16	19.00	962.02	468.73 N	840.22 W	962.12	299.16	2.53	
2665.00	88.80	298.60	1797.61	19.00	981.00	477.58 N	857.02 W	981.11	299.13	2.57	
2684.00	87.90	297.30	1798.16	19.00	999.98	486.49 N	873.80 W	1000.09	299.11	2.50	
2703.00	88.30	297.50	1798.79	19.00	1018.95	495.22 N	890.66 W	1019.08	299.08	0.71	
2721.00	88.50	298.60	1799.29	18.00	1036.93	503.69 N	906.53 W	1037.07	299.06	1.86	
2740.00	88.00	298.50	1799.87	19.00	1055.91	512.76 N	923.22 W	1056.06	299.05	0.80	
2759.00	88.20	299.40	1800.50	19.00	1074.90	521.95 N	939.83 W	1075.05	299.05	1.45	
2778.50	88.50	301.30	1801.06	19.50	1094.39	531.80 N	956.65 W	1094.53	299.07	2.96	
2798.50	88.70	300.30	1801.55	20.00	1114.38	542.04 N	973.83 W	1114.52	299.10	1.53	
2807.50	89.20	301.30	1801.71	9.00	1123.38	546.65 N	981.56 W	1123.51	299.11	3.73	
2837.00	89.31	302.48	1802.10	29.50	1152.86	562.23 N	1006.60 W	1152.97	299.19	1.20	
2855.50	89.20	300.50	1802.34	18.50	1171.35	571.89 N	1022.37 W	1171.46	299.22	3.22	
2890.00	87.80	301.07	1803.24	34.50	1205.83	589.54 N	1052.00 W	1205.93	299.27	1.31	
STRAIGHT LINE PROJECTION TO BIT DEPTH @ 2910m MD.											
2910.00	87.80	301.07	1804.01	20.00	1225.82	599.86 N	1069.12 W	1225.91	299.30	0.00	

EQUIPMENT DATA						
RUN NUMBER	1	2	3	4		
RES DTA						
RES MANDREL				R47M585		
RES SIZE mm				121.0		
RES VERIFIER						
API BLANKET				0013		
HDS-1M DTA						
HDS-1M MANDREL						
HDS-1M SIZE mm						
DNSC DTA						

DNSC MANDREL						
DNSC SIZE mm						
DENSITY SOURCE NO.						
NEUTRON SOURCE NO.						
CLSS DTA						
CLSS MANDREL						
CLSS SIZE mm						
DPM DTA						
DPM SIZE mm						
DFT DTA						
DFT MANDREL						
DFT SIZE mm						
PZIG UXM DTA						
PZIG LXM DTA						
PZIG SIZE mm						

BOTTOM HOLE ASSEMBLY RECORD							
RUN 1 m		RUN 2 m		RUN 3 m		RUN 4 m	
PDC BIT	0.25	PDC BIT	0.25	PDC BIT	0.25	PDC BIT	0.19
DOG SUB	0.15	STEERABLE MOTOR	8.21	STEERABLE MOTOR	8.21	STEERABLE MOTOR	8.93
STEERABLE MOTOR	8.28	NM PONY	2.97	NM PONY	2.97	NM PONY	3.10
NM PONY	2.97	XPULSE (DIR/GR)	9.35	XPULSE (DIR/GR)	9.35	XPULSE (DIR)	9.47
XPULSE (DIR/GR)	9.35	LANDING SUB	0.54	LANDING SUB	0.54	LANDING SUB	0.58
LANDING SUB	0.54	NMDC	9.20	NMDC	9.20	SAWR (RES/GR)	6.15
NMDC	9.20	NMDC	8.28	NMDC	8.28	ABS (BATTERY)	4.79
NMDC	8.28	X/O SUB	0.80	X/O SUB	0.80	X/O SUB	0.45
X/O SUB	0.80	3 JTS HWDP	27.54	3 JTS HWDP	27.54	NMDC	9.50
3 JTS HWDP	27.54	JARS	5.13	JARS	5.13	X/O SUB	0.82
JARS	5.13	37 JTS HWDP	344.73	37 JTS HWDP	344.73	3 JTS HWDP	27.54
37 JTS HWDP	344.73					JARS	5.07
						HWDP	9.18
						126 JTS DP	1197.00
						36 JTS HWDP	335.55
=====		=====		=====		=====	
TOTAL BHA	417.22	TOTAL BHA	417.00	TOTAL BHA	417.00	TOTAL BHA	1618.32
SENSOR OFFSETS:		SENSOR OFFSETS:		SENSOR OFFSETS:		SENSOR OFFSETS:	
DIRECTIONAL	19.18	DIRECTIONAL	18.37	DIRECTIONAL	18.37	DIRECTIONAL	19.18
GAMMA RAY	14.86	GAMMA RAY	13.29	GAMMA RAY	13.29	GAMMA RAY	23.39
						RESISTIVITY	25.43
						AWR INCLINATION	23.26

RESISTIVITY