



**(Scale: 5":100' (10'))**

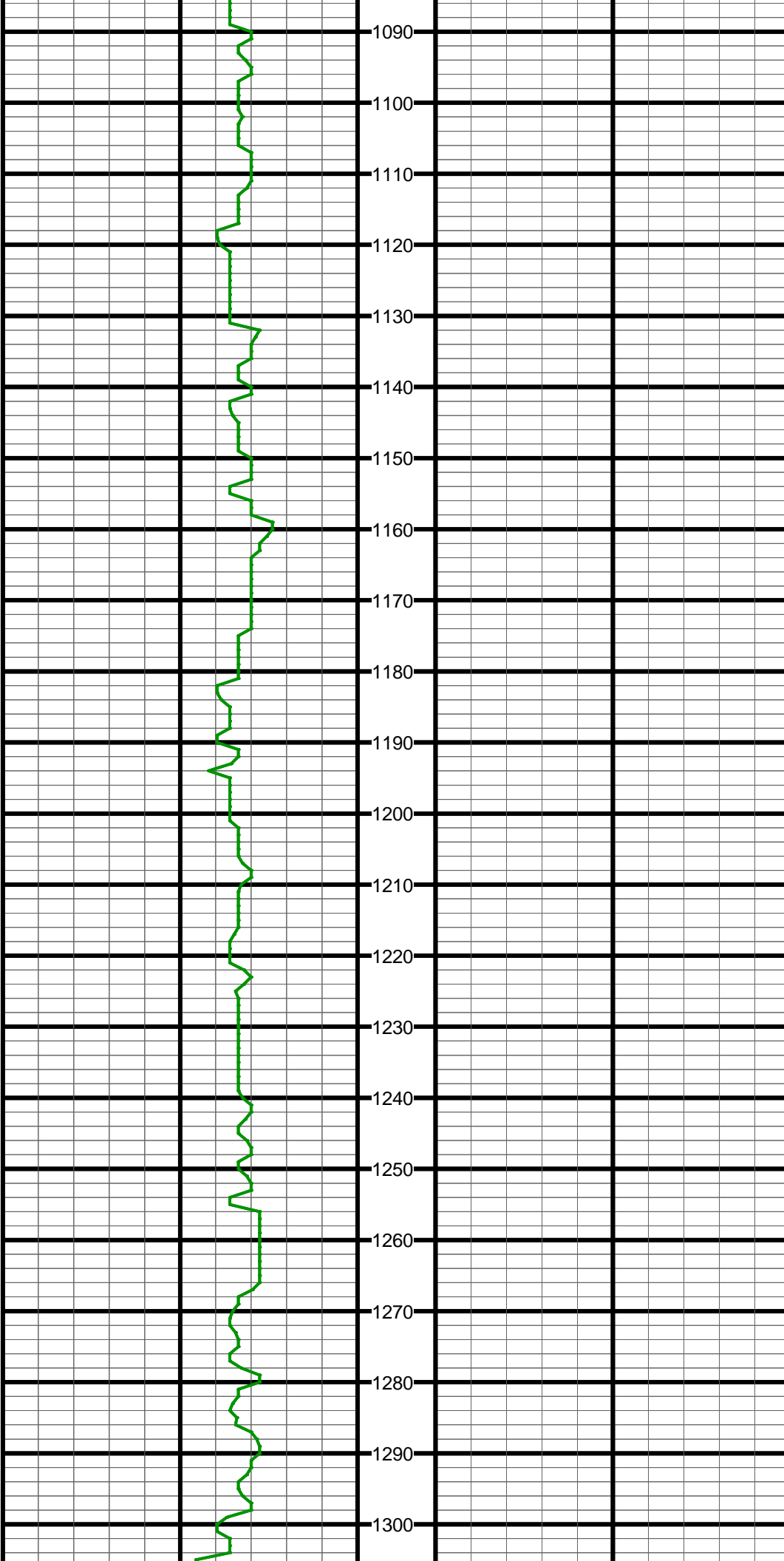
Comment 5:

Elev GL: 5072

Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	1161	1140	1140	1140	1140
Cal Factor	4.55	4.55	4.55	2.75	2.75
Gamma Offset	40	40	40	69	43
Start Depth	845	989	6457	7866	10833
Start Date	6-24-11	6-25-11	6-28-11	7-3-11	7-7-11
Start Time	14:00	00:00	07:00	19:00	09:00
End Depth	989	6457	7866	10833	11995
End Date	6-24-11	6-28-11	7-1-11	7-7-11	7-10-11
End Time	23:30	05:00	16:30	04:30	

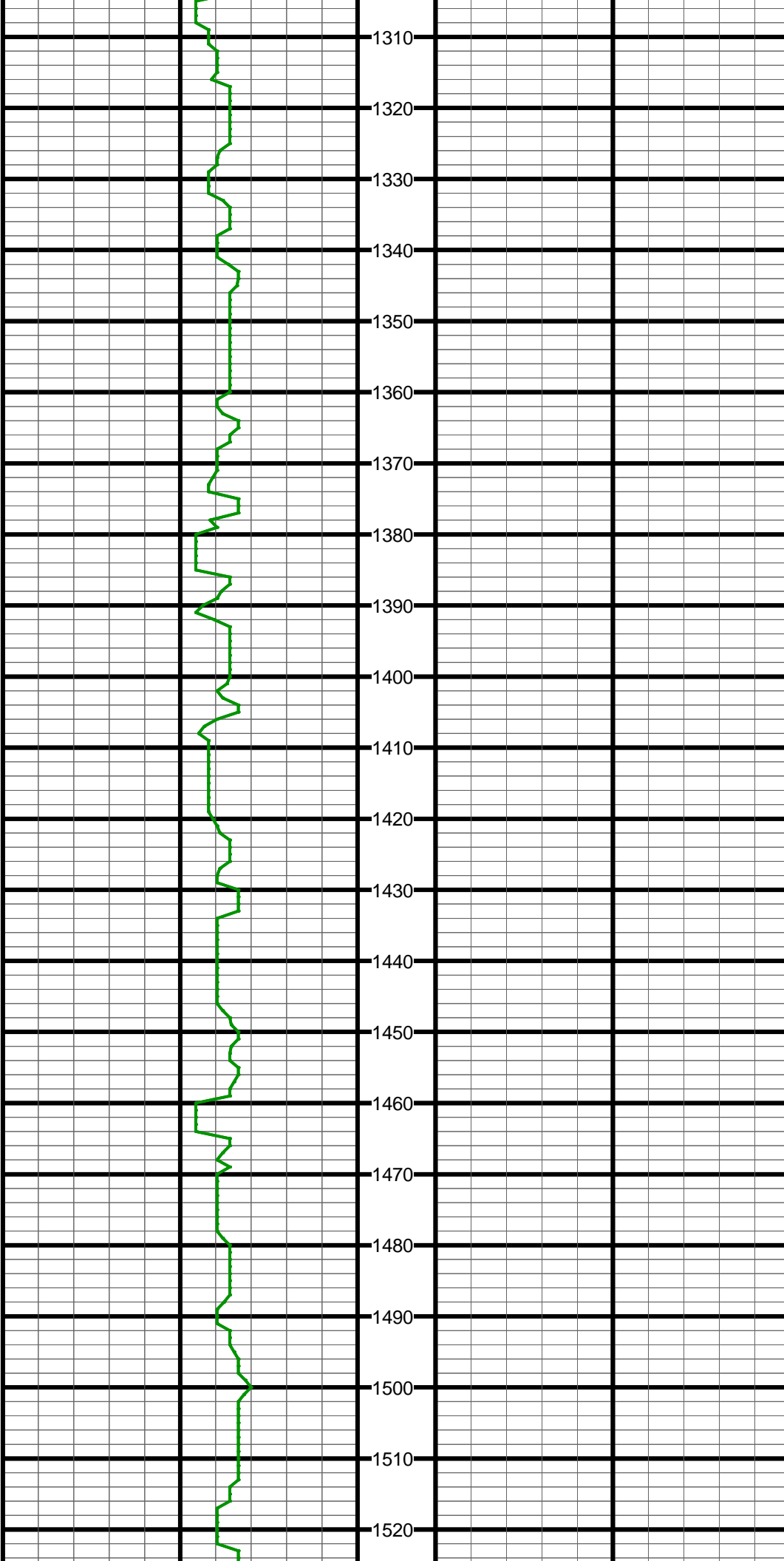
Tool Run Data	Run #6	Run #7	Run #8	Run #9	Run #10
Tool S/N					
Cal Factor					
Offset					
Start Depth					
Start Date					
Start Time					
End Depth					
End Date					
End Time					
Tool Run Data	Run #11	Run #12	Run #13	Run #14	Run #15
Tool S/N					
Cal Factor					
Offset					
Start Depth					
Start Date					
Start Time					
End Depth					

Gamma API (MD) Track: 1 API		Depth 5":100' (10")	ROP (MD) Track: 1 Ft/Hr	
0	150		0	400
150	300		400	800
300	450		800	1200
		920		
		930	#1 MD:929.0 TVD:929.0 I:0.9 A:348.8 VS:-0.1	
		940		
		950		
		960		
		970		
		980		
		990	#2 MD:990.0 TVD:990.0 I:0.9 A:348.3 VS:-0.3	
		1000		
		1010		
		1020		
		1030		
		1040		
		1050		
		1060		
		1070		
		1080	#3 MD:1082.0 TVD:1082.0 I:0.7 A:339.1 VS:-0.3	



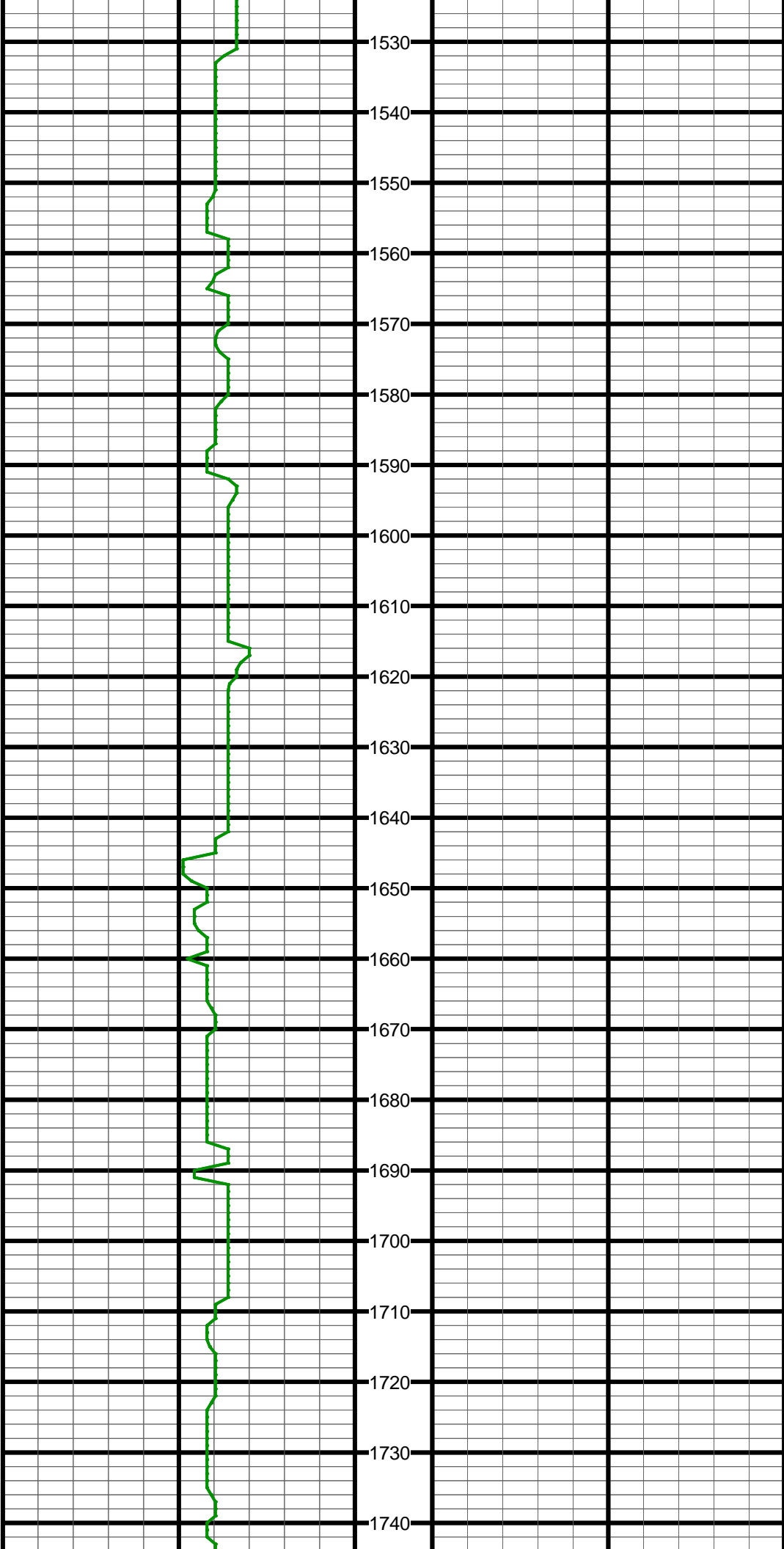
#4 MD:1174.0 TVD:1174.0 I:0.7 A:332.8 VS:-0.2

#5 MD:1265.0 TVD:1265.0 I:0.6 A:325.0 VS:0.0



#6 MD:1357.0 TVD:1357.0 I:0.6 A:306.8 VS:0.4

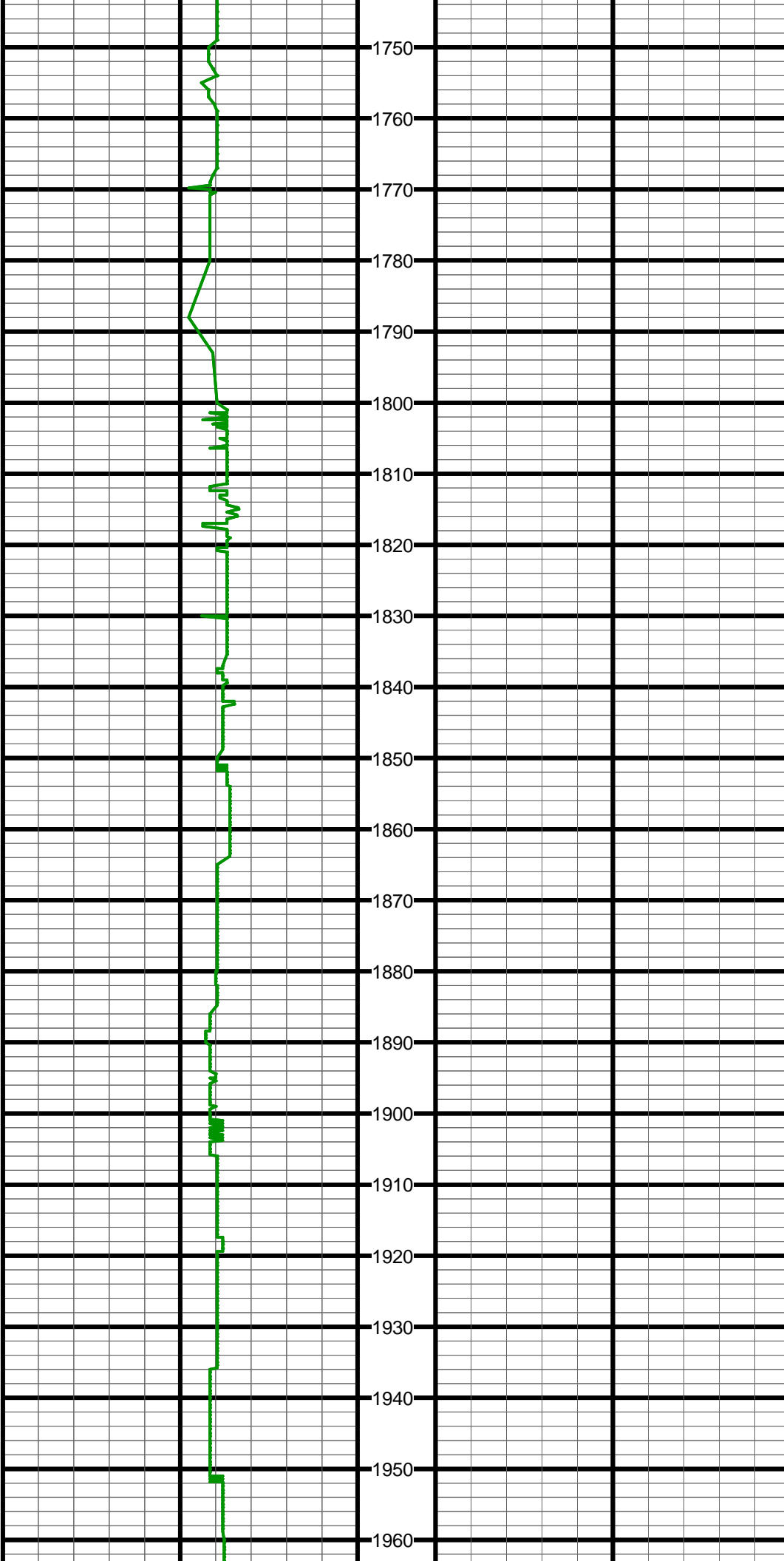
#7 MD:1449.0 TVD:1448.9 I:0.8 A:305.7 VS:1.1



#8 MD:1544.0 TVD:1543.9 I:0.8 A:294.3 VS:1.9

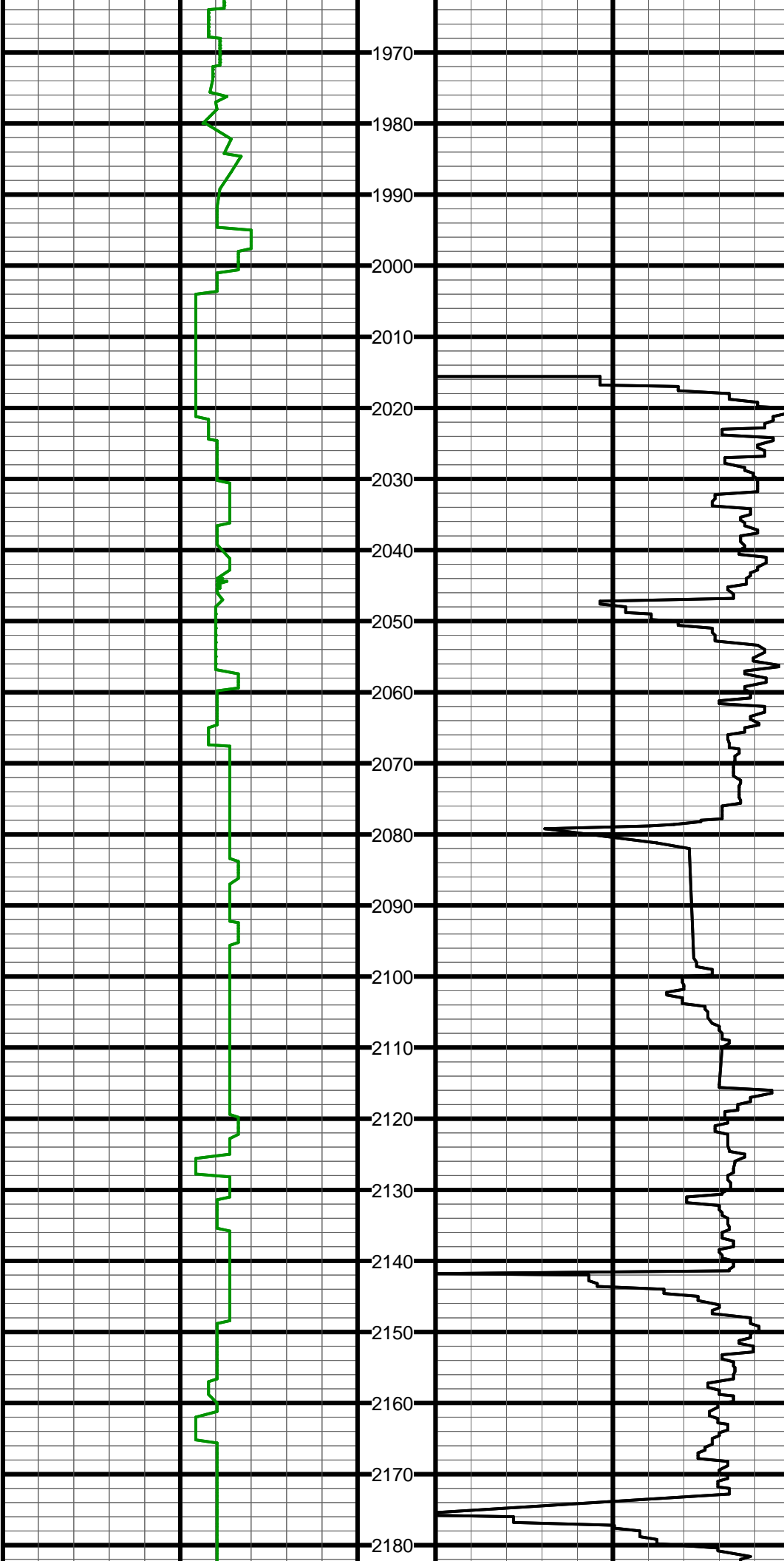
#9 MD:1639.0 TVD:1638.9 I:0.8 A:287.1 VS:3.0

#10 MD:1735.0 TVD:1734.9 I:1.0 A:279.2 VS:4.2



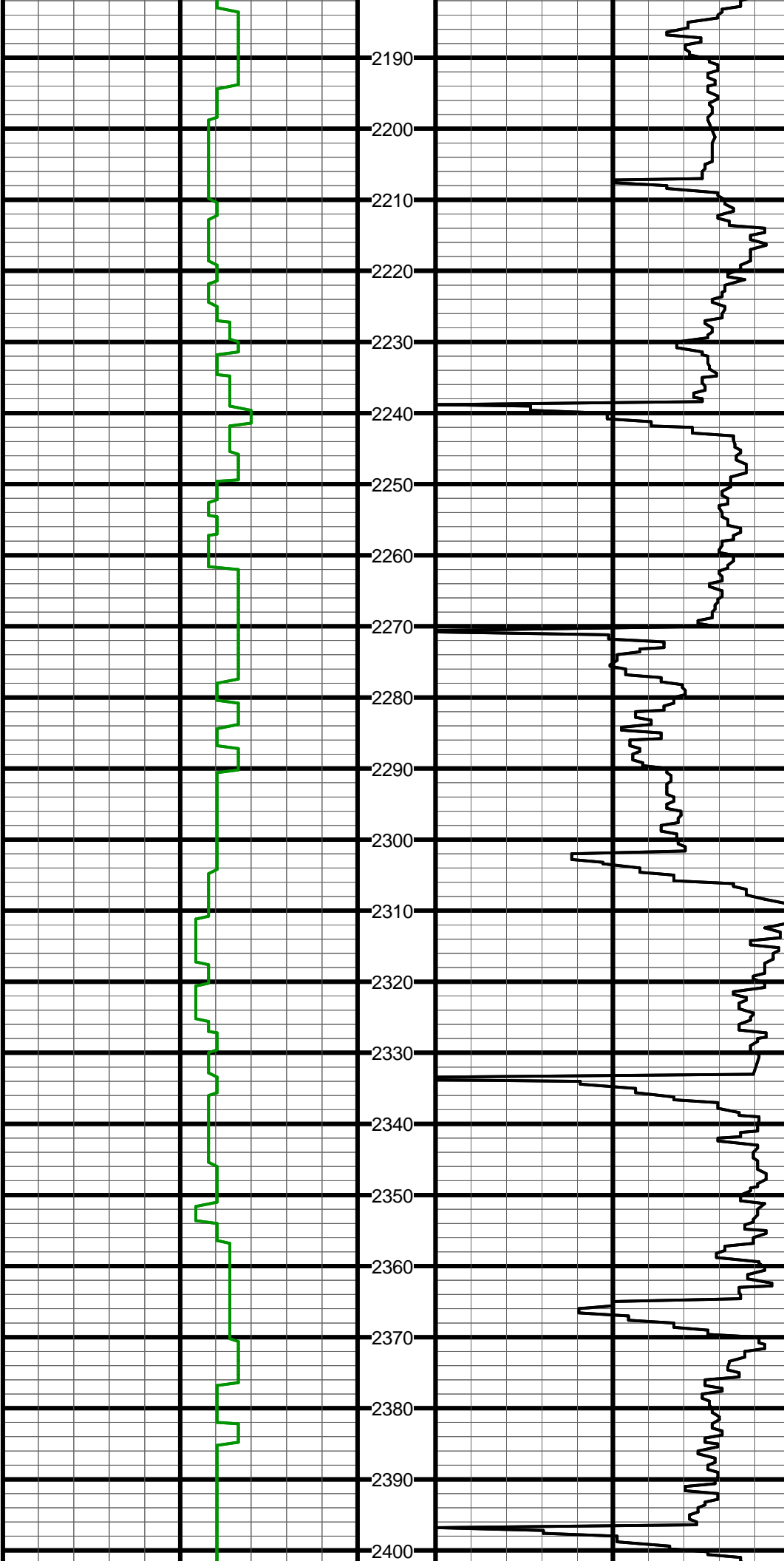
#11 MD:1830.0 TVD:1829.9 I:1.1 A:264.5 VS:5.9

#12 MD:1925.0 TVD:1924.9 I:1.0 A:264.9 VS:7.6



#13 MD:2020.0 TVD:2019.9 I:0.9 A:280.7 VS:9.0

#14 MD:2115.0 TVD:2114.9 I:0.8 A:254.0 VS:10.3

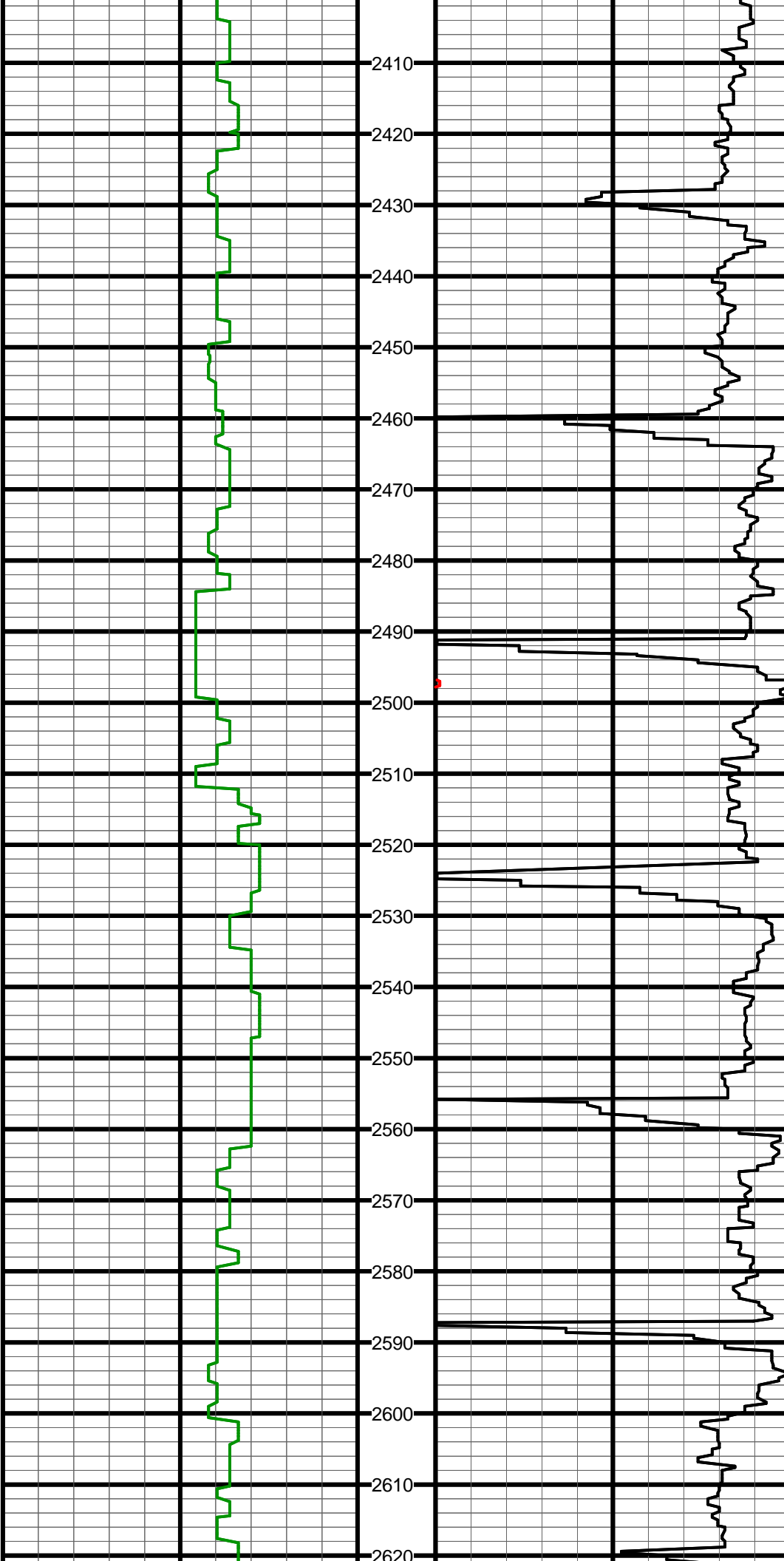


#15 MD:2210.0 TVD:2209.9 I:1.0 A:238.6 VS:11.8

#16 MD:2305.0 TVD:2304.8 I:0.9 A:257.6 VS:13.4

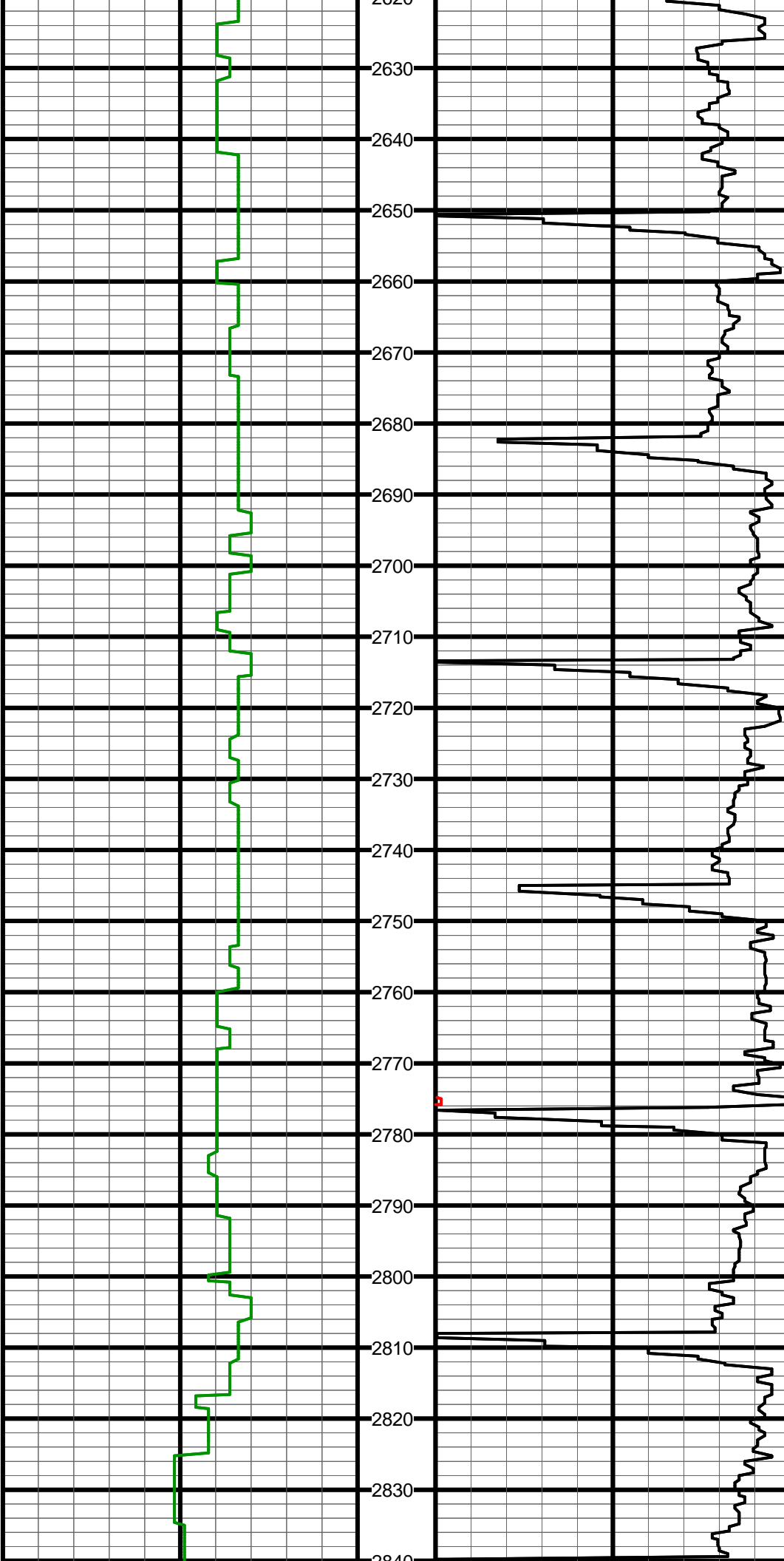
#17 MD:2400.0 TVD:2399.8 I:1.2 A:252.5 VS:15.1





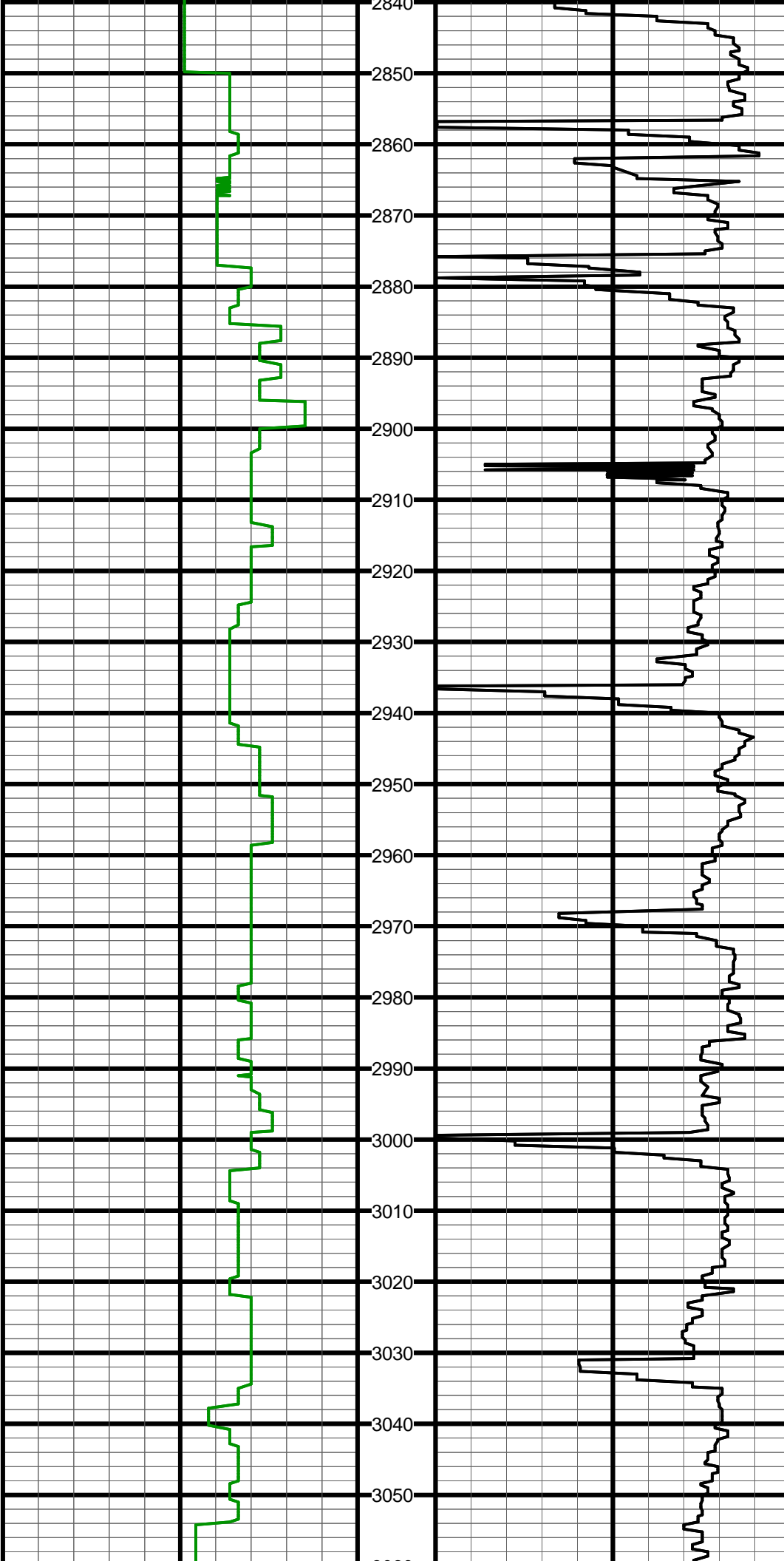
#18 MD:2495.0 TVD:2494.8 I:1.2 A:273.7 VS:17.0

#19 MD:2590.0 TVD:2589.8 I:1.3 A:282.3 VS:18.9



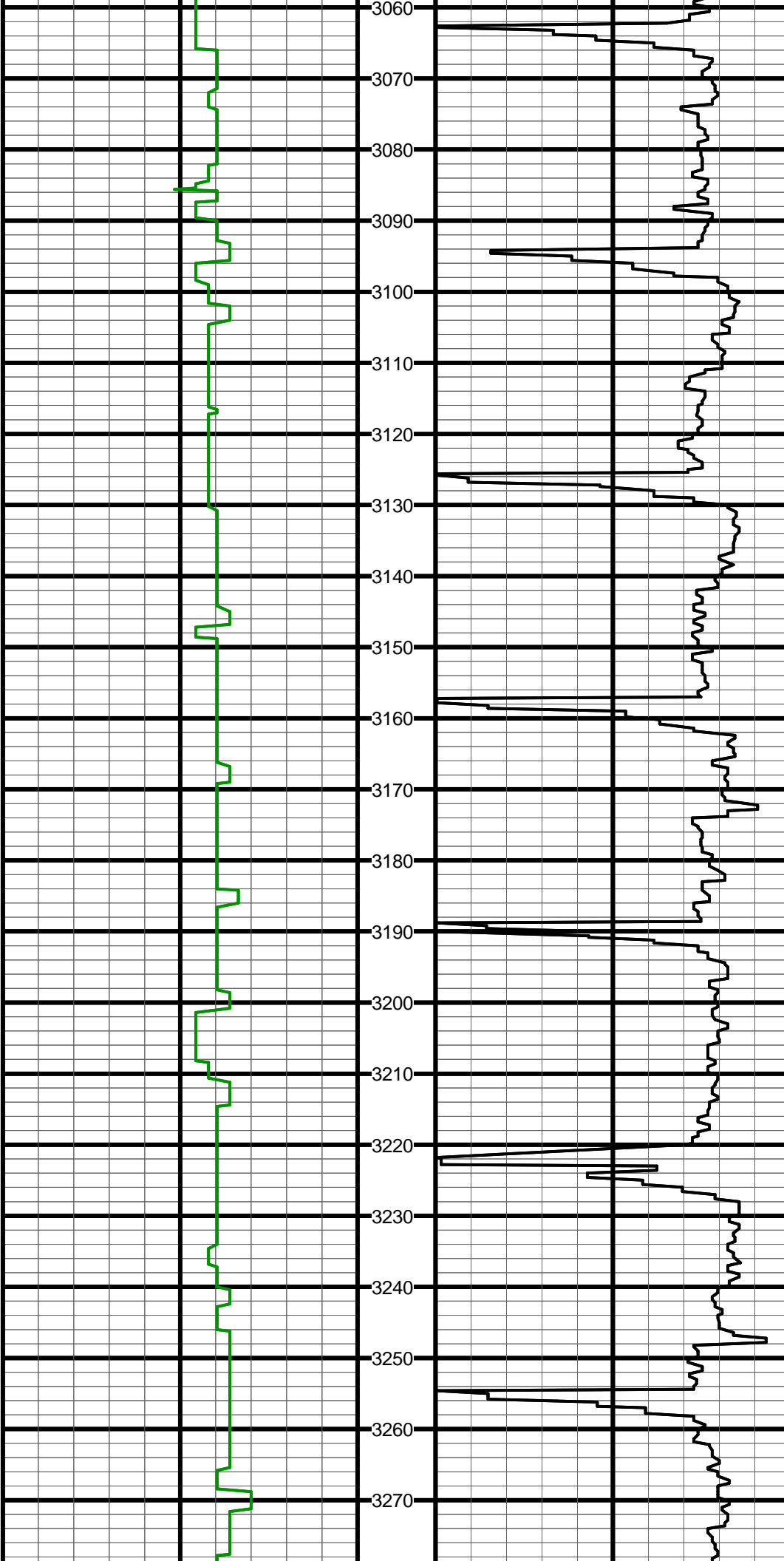
#20 MD:2685.0 TVD:2684.8 I:1.5 A:312.6 VS:20.4

#21 MD:2781.0 TVD:2780.7 I:0.7 A:2.0 VS:20.8



#22 MD:2876.0 TVD:2875.7 I:1.3 A:20.7 VS:19.9

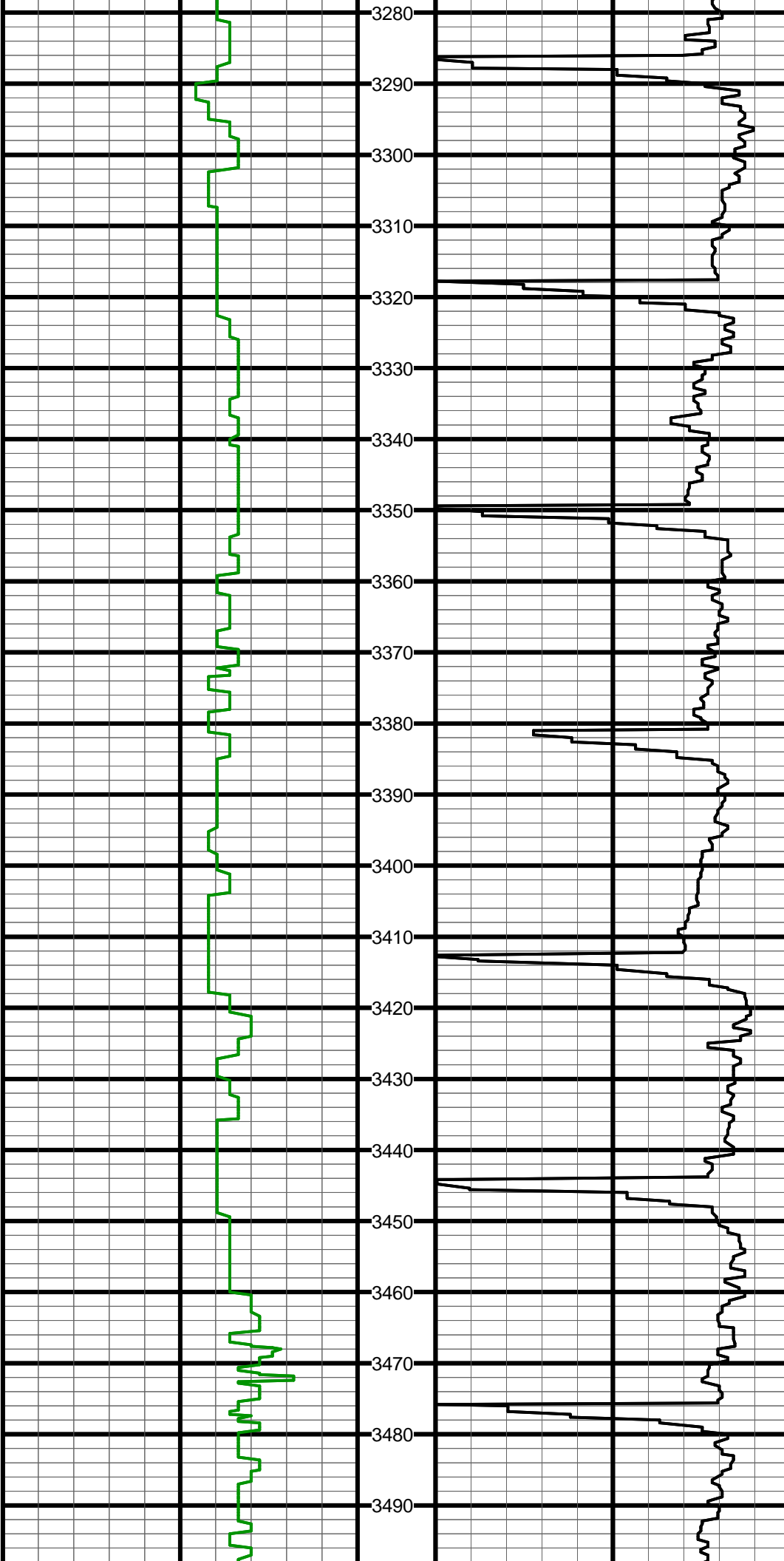
#23 MD:2971.0 TVD:2970.7 I:1.5 A:41.2 VS:18.1



#24 MD:3066.0 TVD:3065.7 I:1.4 A:25.8 VS:16.3

#25 MD:3161.0 TVD:3160.6 I:1.6 A:29.3 VS:14.5

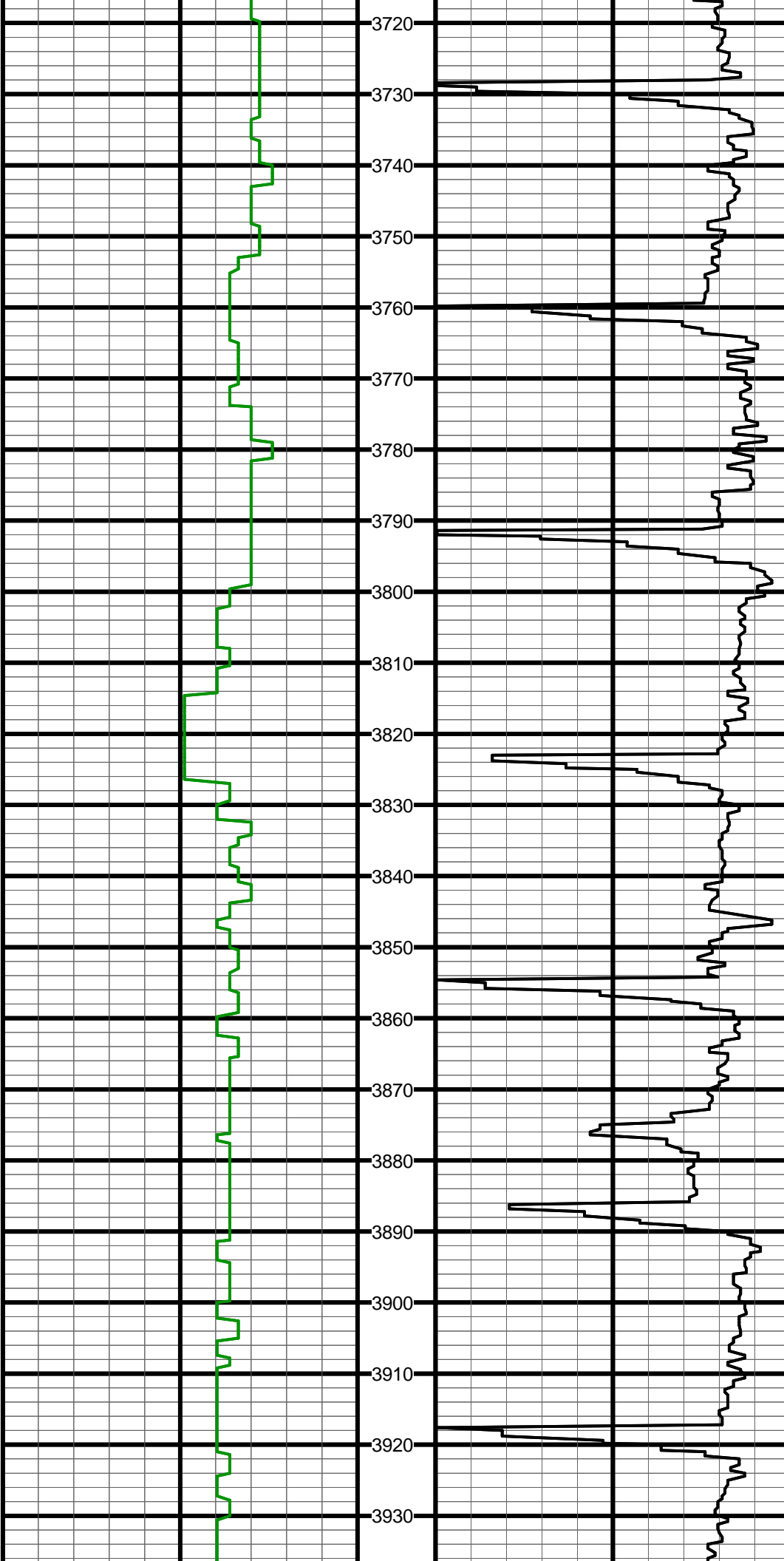
#26 MD:3257.0 TVD:3256.6 I:1.6 A:26.8 VS:12.5



#27 MD:3352.0 TVD:3351.6 I:1.6 A:20.6 VS:10.7

#28 MD:3447.0 TVD:3446.5 I:1.8 A:26.8 VS:8.8

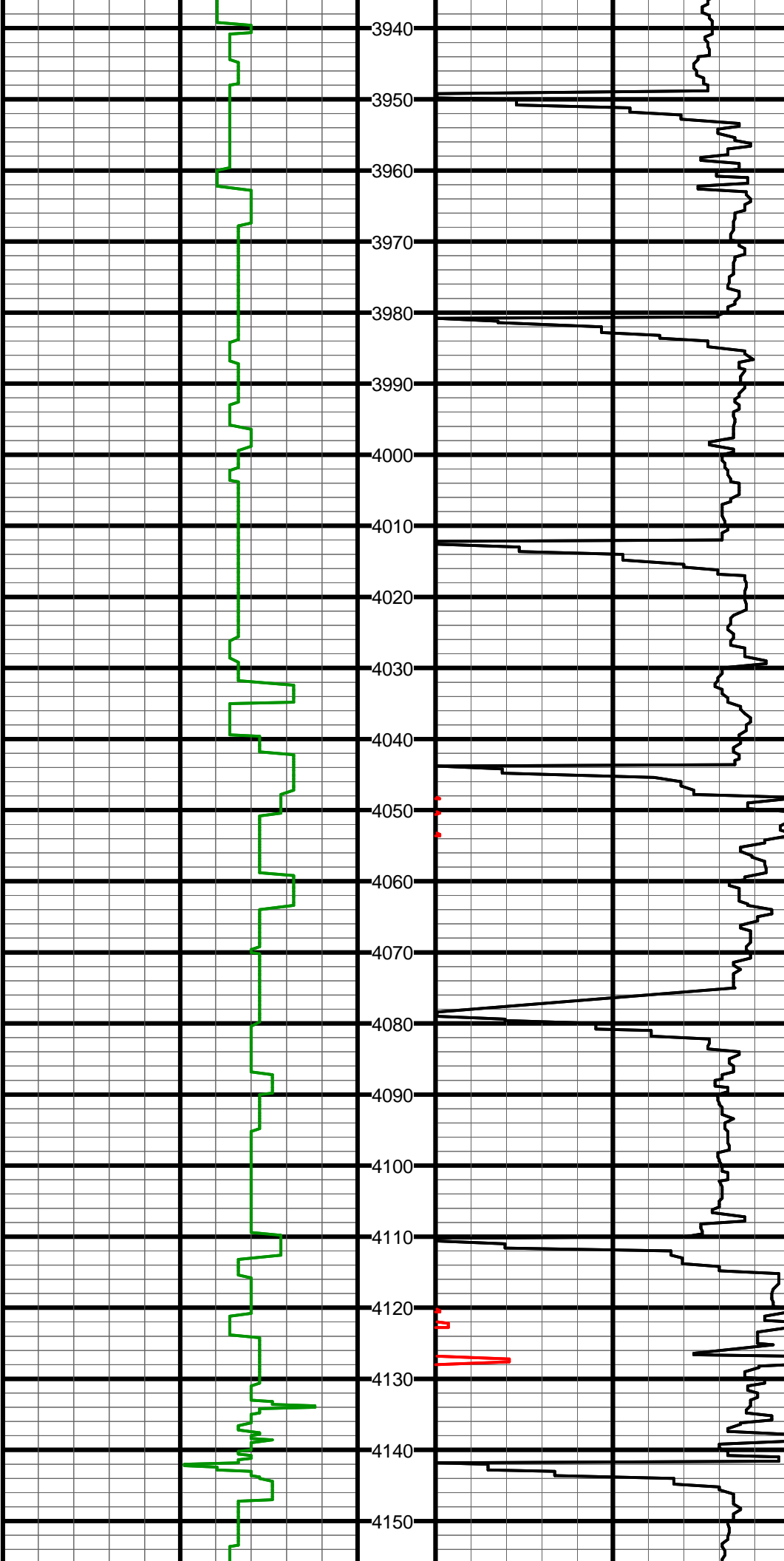




#31 MD:3733.0 TVD:3732.4 I:1.3 A:71.7 VS:0.4

#32 MD:3828.0 TVD:3827.4 I:0.8 A:60.4 VS:-1.3

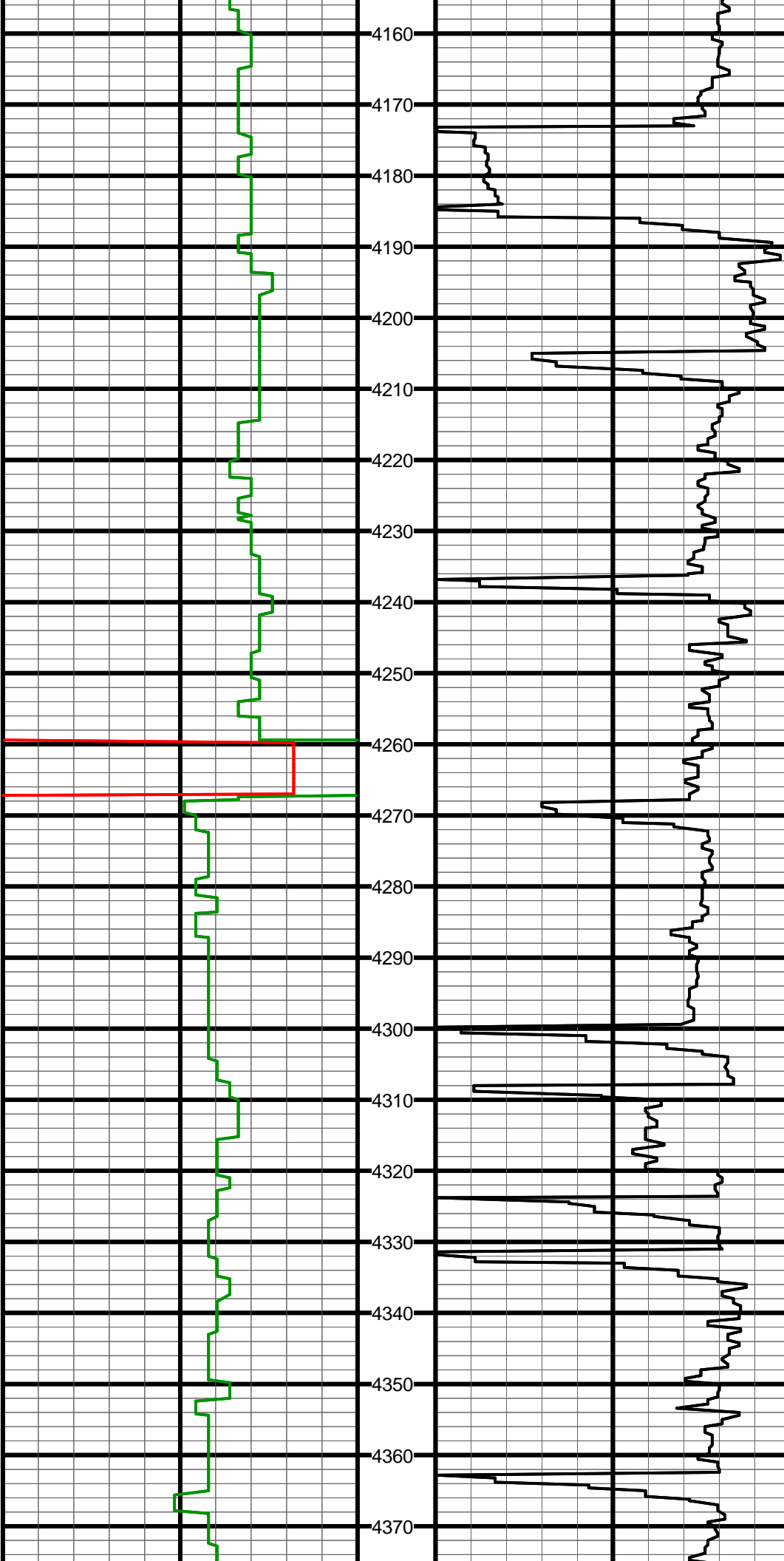
#33 MD:3923.0 TVD:3922.3 I:0.3 A:61.2 VS:-2.2



#34 MD:4018.0 TVD:4017.3 I:0.6 A:3.6 VS:-2.6

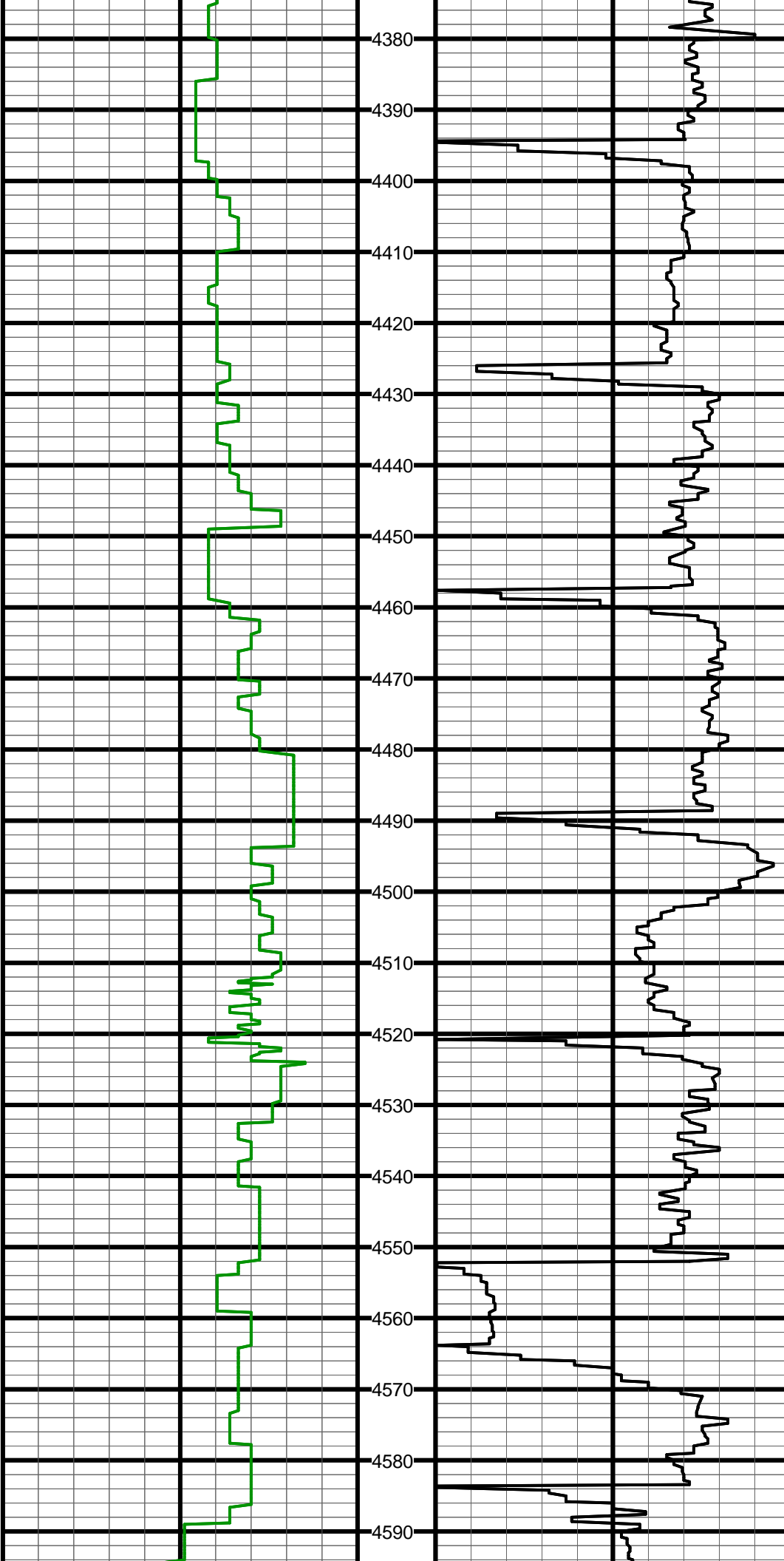
#35 MD:4113.0 TVD:4112.3 I:0.7 A:6.2 VS:-3.1





#36 MD:4208.0 TVD:4207.3 I:1.2 A:78.5 VS:-4.3

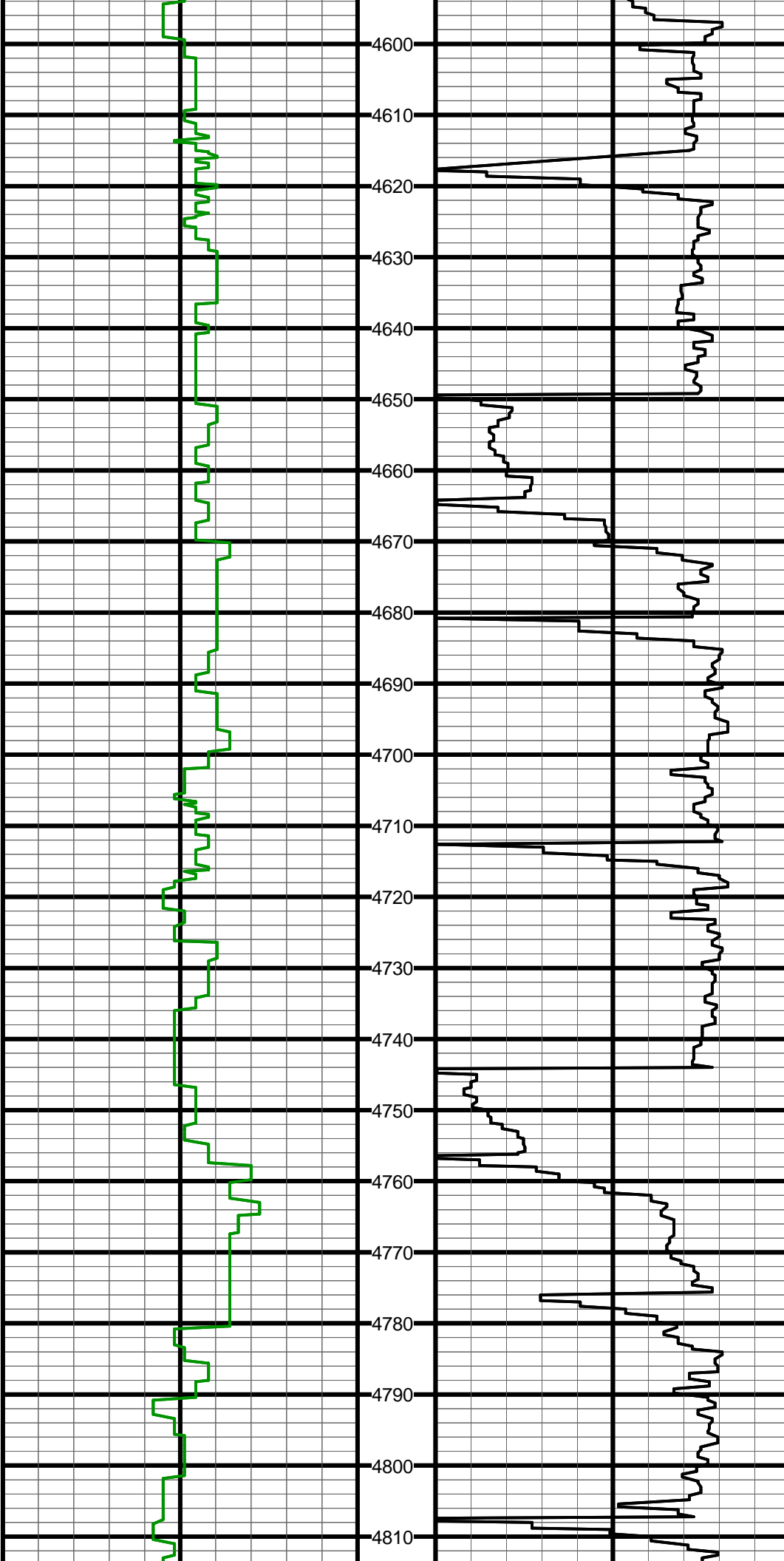
#37 MD:4303.0 TVD:4302.3 I:1.4 A:65.0 VS:-6.4



#38 MD:4399.0 TVD:4398.3 I:1.3 A:50.3 VS:-8.6

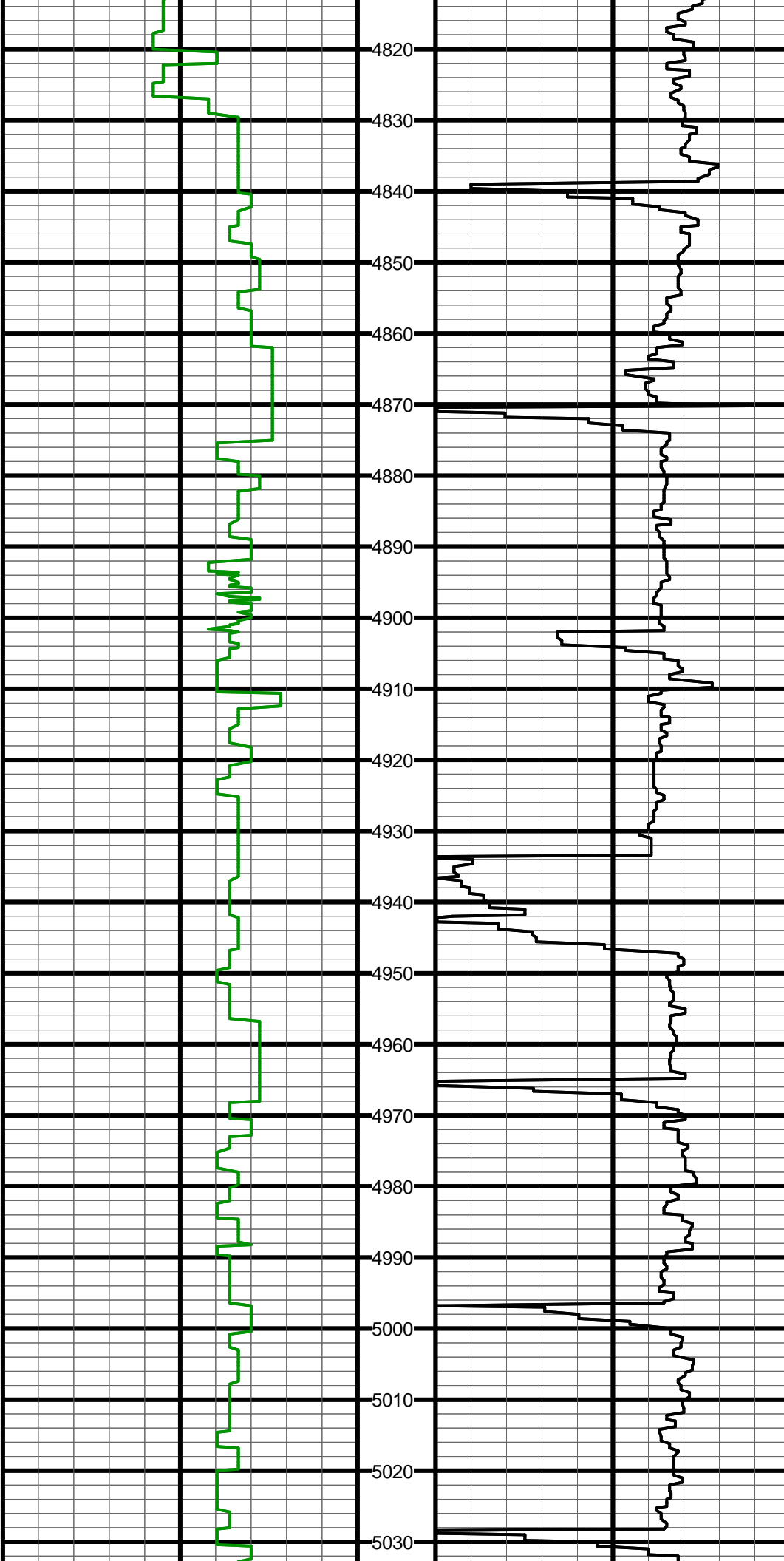
#39 MD:4494.0 TVD:4493.3 I:0.9 A:33.9 VS:-10.2

#40 MD:4589.0 TVD:4588.2 I:1.3 A:50.8 VS:-11.8



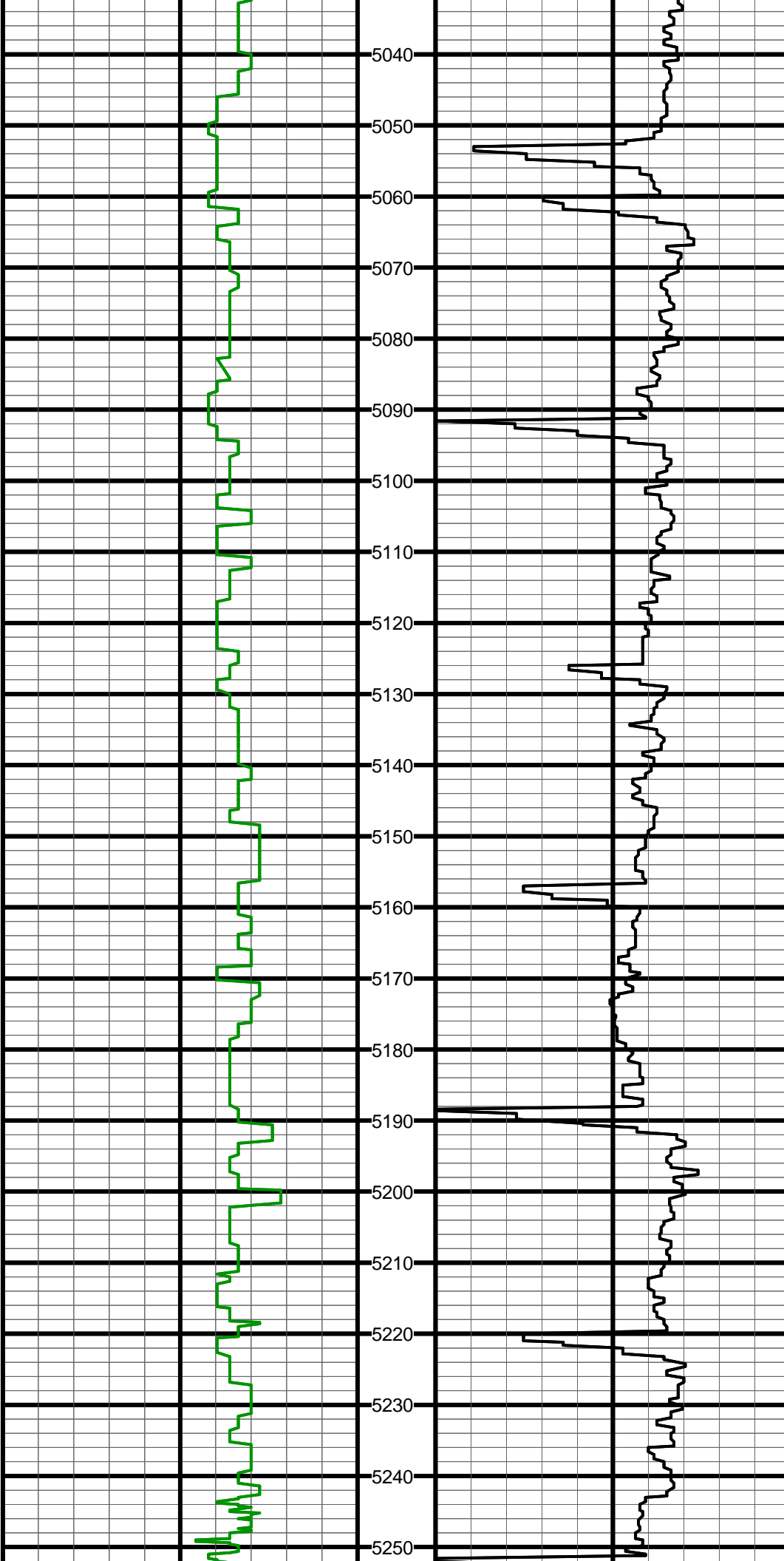
#41 MD:4684.0 TVD:4683.2 I:0.6 A:58.4 VS:-13.3

#42 MD:4779.0 TVD:4778.2 I:0.3 A:91.3 VS:-14.0



#43 MD:4875.0 TVD:4874.2 I:0.4 A:65.0 VS:-14.6

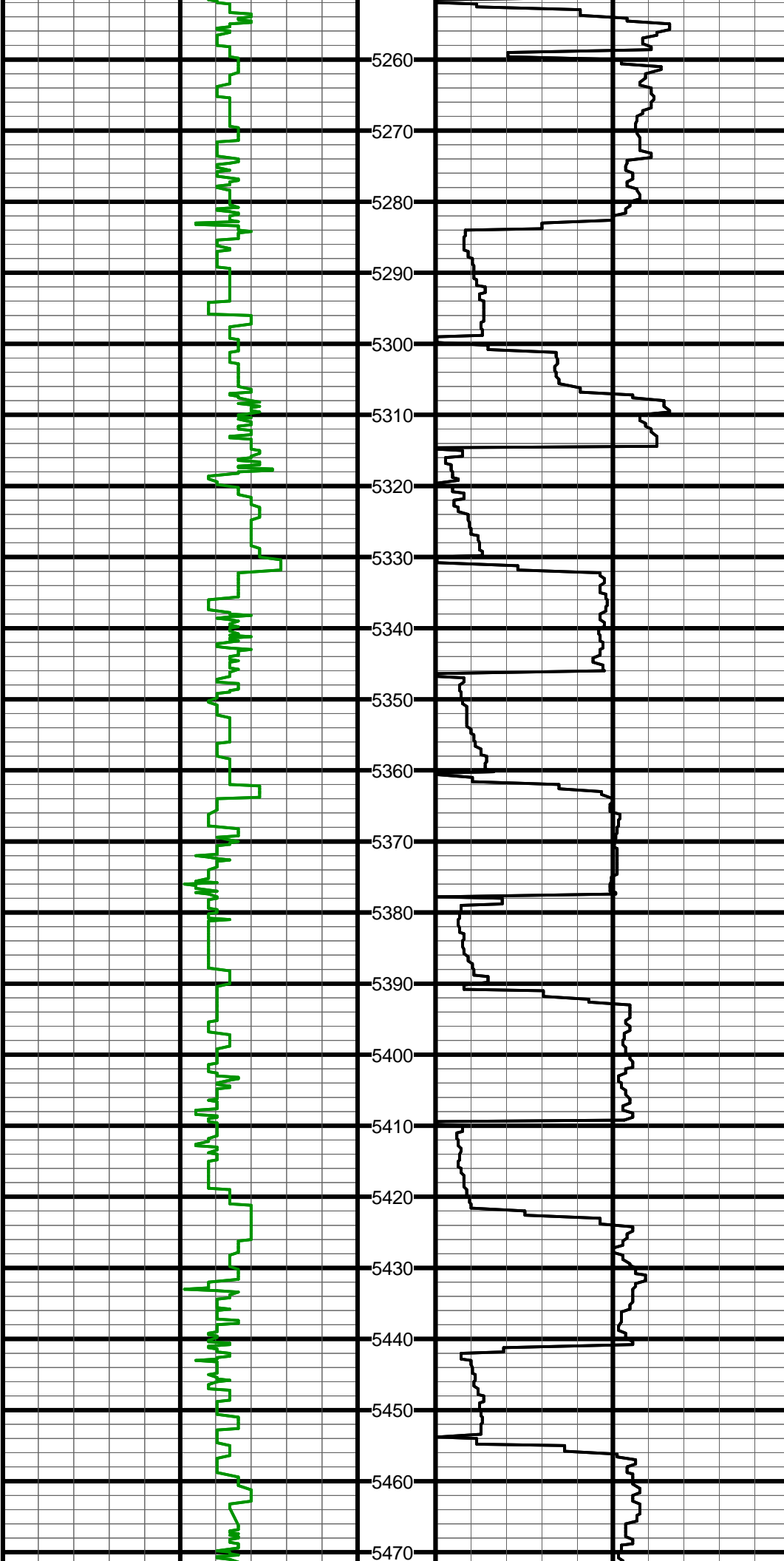
#44 MD:4970.0 TVD:4969.2 I:0.5 A:36.1 VS:-15.3



#45 MD:5065.0 TVD:5064.2 I:0.5 A:55.1 VS:-16.0

#46 MD:5160.0 TVD:5159.2 I:0.7 A:41.3 VS:-16.9

#47 MD:5224.0 TVD:5223.2 I:0.8 A:40.6 VS:-17.6



#48 MD:5255.0 TVD:5254.2 I:1.0 A:36.7 VS:-18.0

#49 MD:5287.0 TVD:5286.2 I:1.7 A:50.8 VS:-18.7

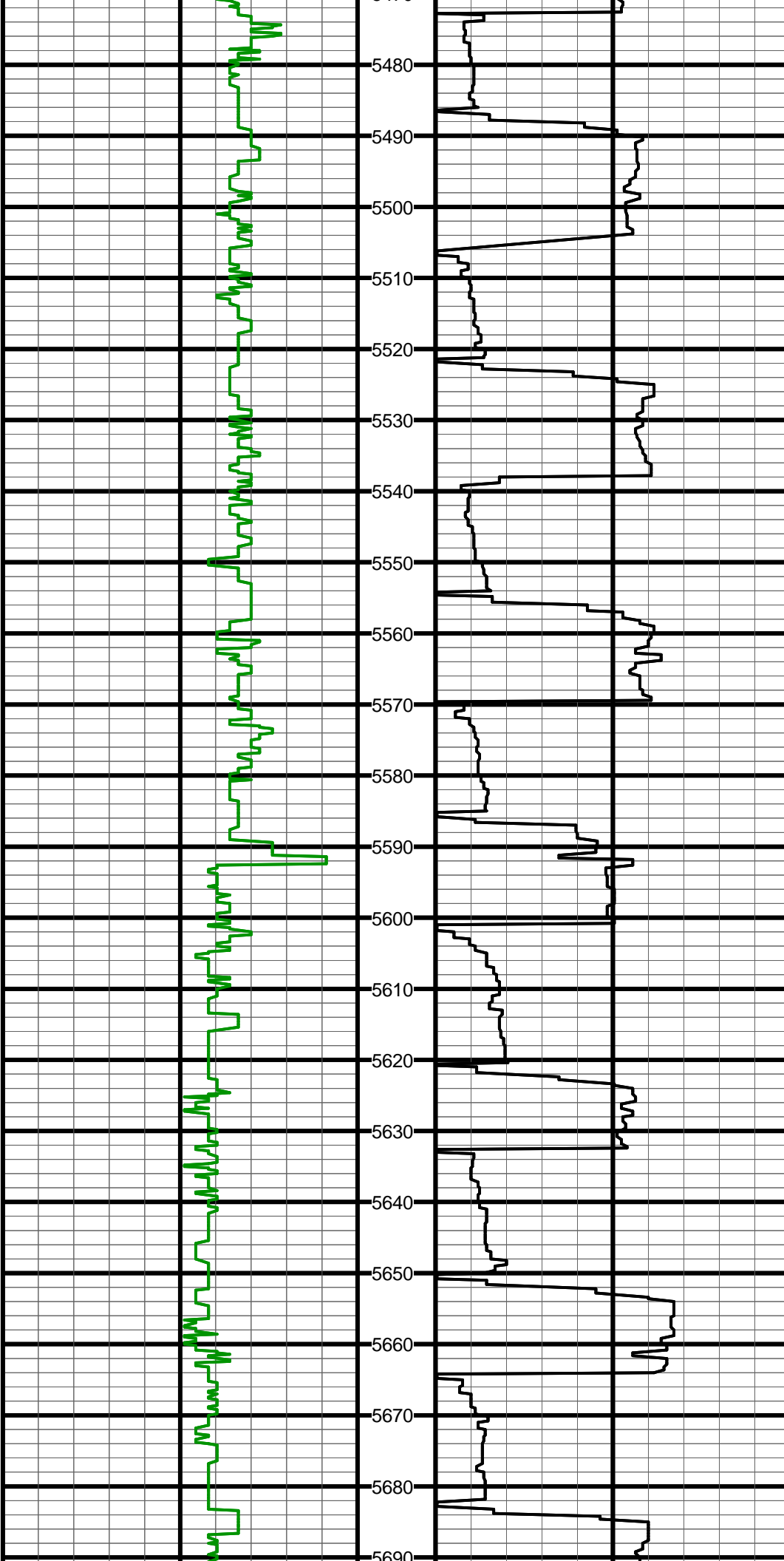
#50 MD:5319.0 TVD:5318.2 I:2.9 A:55.9 VS:-19.9

#51 MD:5351.0 TVD:5350.1 I:3.9 A:58.3 VS:-21.8

#52 MD:5382.0 TVD:5381.0 I:4.8 A:59.6 VS:-24.1

#53 MD:5414.0 TVD:5412.9 I:5.5 A:61.5 VS:-26.9

#54 MD:5446.0 TVD:5444.7 I:5.8 A:64.3 VS:-30.0



#55 MD:5478.0 TVD:5476.6 I:6.1 A:68.4 VS:-33.3

#56 MD:5509.0 TVD:5507.4 I:6.5 A:71.9 VS:-36.7

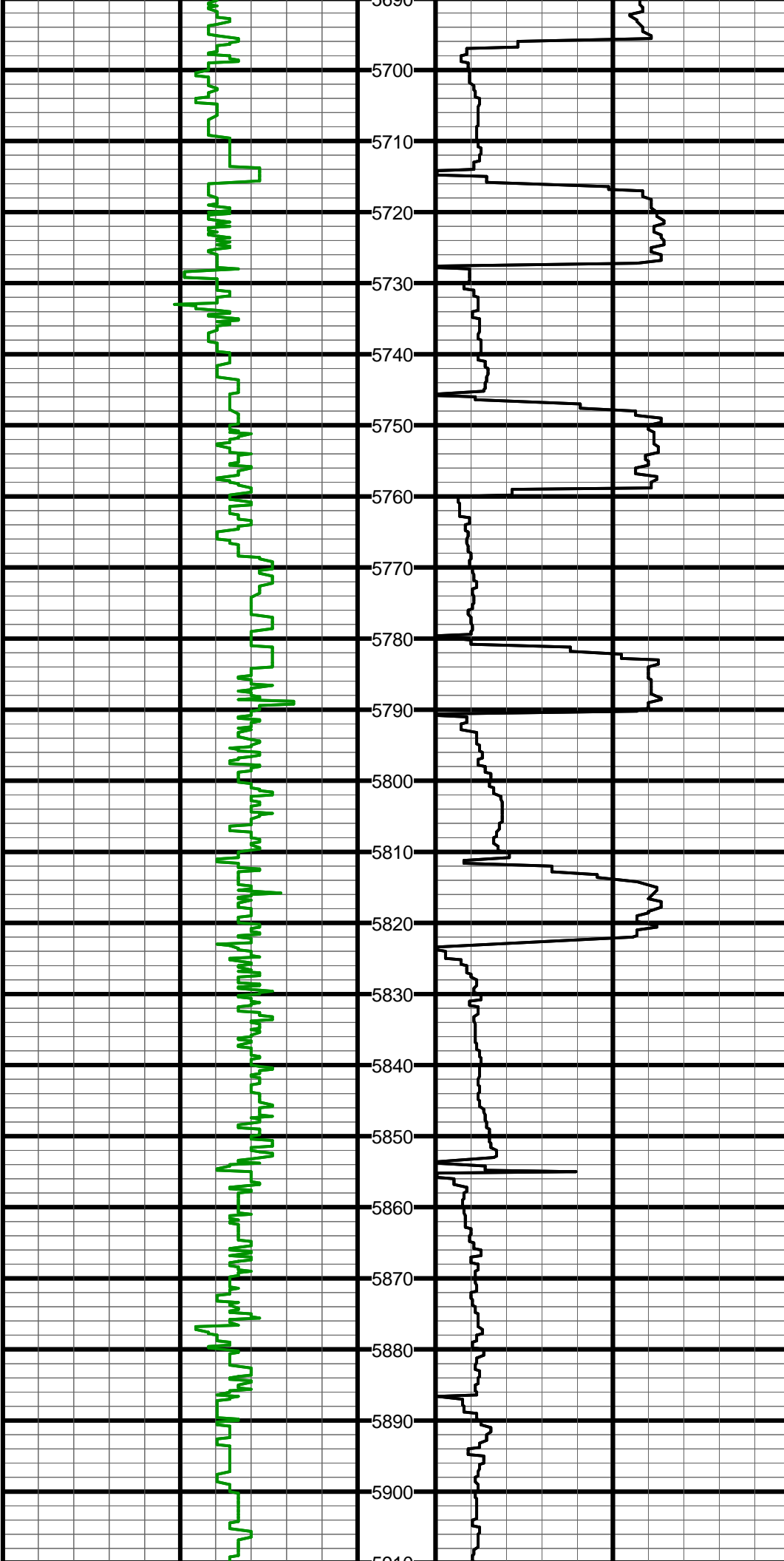
#57 MD:5541.0 TVD:5539.2 I:6.9 A:73.2 VS:-40.4

#58 MD:5573.0 TVD:5570.9 I:7.5 A:74.5 VS:-44.4

#59 MD:5604.0 TVD:5601.6 I:8.2 A:73.5 VS:-48.7

#60 MD:5636.0 TVD:5633.3 I:9.0 A:72.6 VS:-53.4

#61 MD:5668.0 TVD:5664.8 I:9.5 A:72.0 VS:-58.6



#62 MD:5700.0 TVD:5696.4 I:9.9 A:73.5 VS:-64.0

#63 MD:5731.0 TVD:5726.9 I:10.2 A:75.2 VS:-69.4

#64 MD:5763.0 TVD:5758.4 I:10.2 A:77.6 VS:-75.0

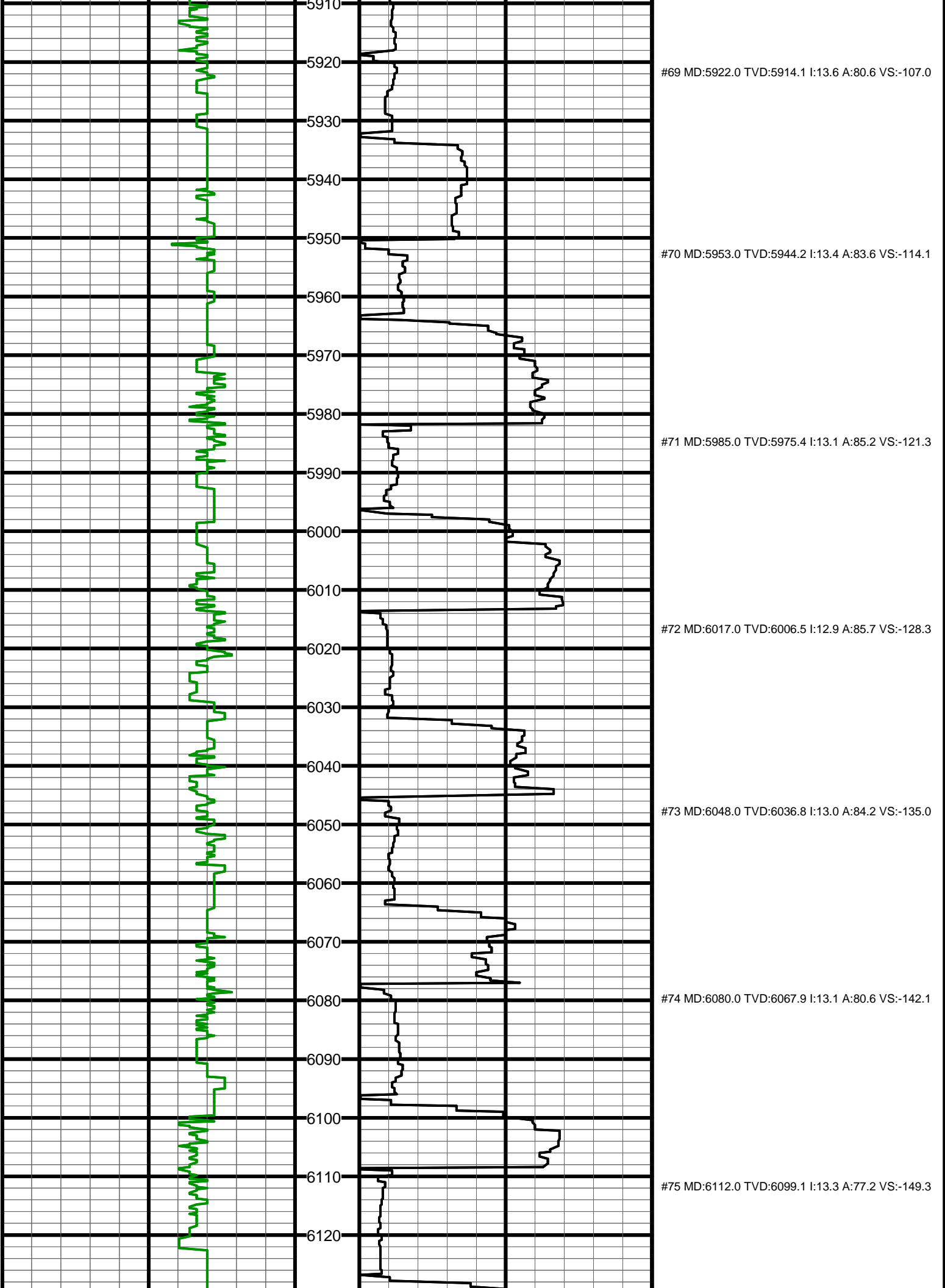
#65 MD:5795.0 TVD:5789.9 I:10.4 A:78.2 VS:-80.7

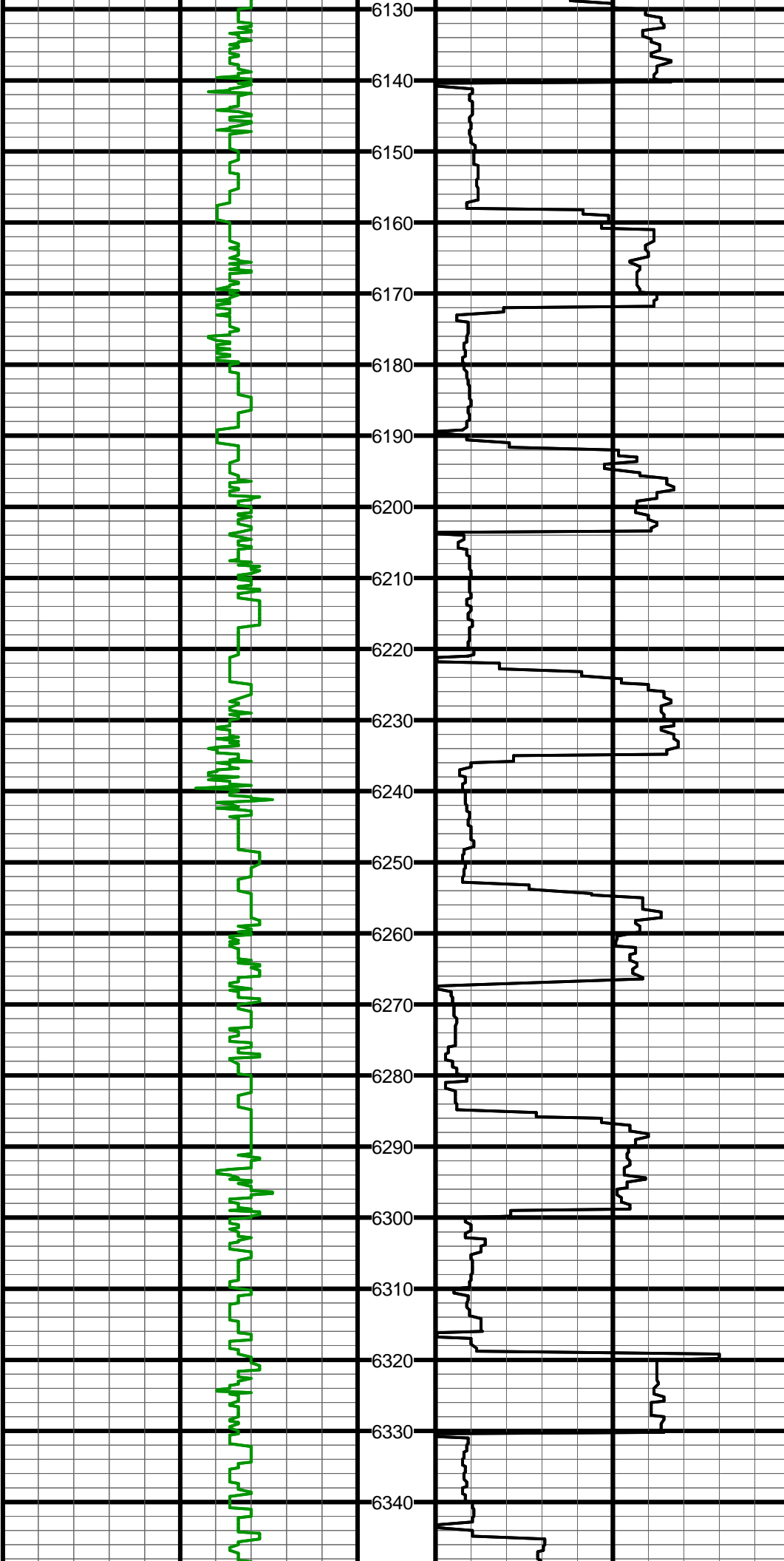
#66 MD:5826.0 TVD:5820.3 I:11.0 A:77.7 VS:-86.4

#67 MD:5858.0 TVD:5851.7 I:12.0 A:77.1 VS:-92.8

#68 MD:5890.0 TVD:5882.9 I:13.1 A:77.6 VS:-99.7







#76 MD:6144.0 TVD:6130.2 I:13.4 A:75.5 VS:-156.7

#77 MD:6175.0 TVD:6160.4 I:13.3 A:75.4 VS:-163.8

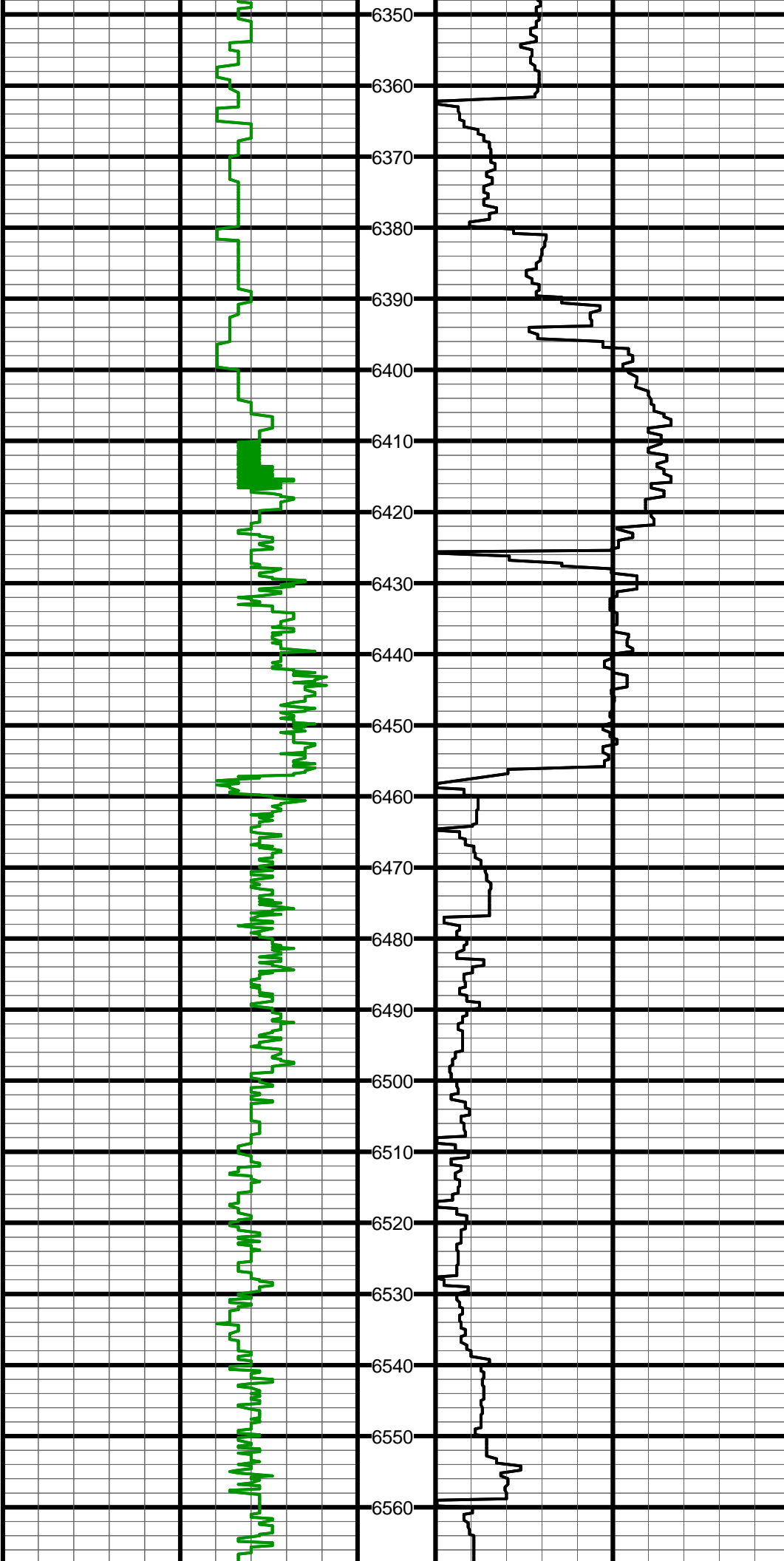
#78 MD:6207.0 TVD:6191.5 I:13.5 A:76.1 VS:-171.2

#79 MD:6239.0 TVD:6222.6 I:13.7 A:75.5 VS:-178.7

#80 MD:6270.0 TVD:6252.7 I:13.9 A:74.9 VS:-186.1

#81 MD:6302.0 TVD:6283.8 I:13.6 A:74.0 VS:-193.7

#82 MD:6334.0 TVD:6314.9 I:13.4 A:73.7 VS:-201.2



#83 MD:6365.0 TVD:6345.1 I:13.3 A:74.8 VS:-208.3

#84 MD:6397.0 TVD:6376.3 I:12.5 A:75.3 VS:-215.5

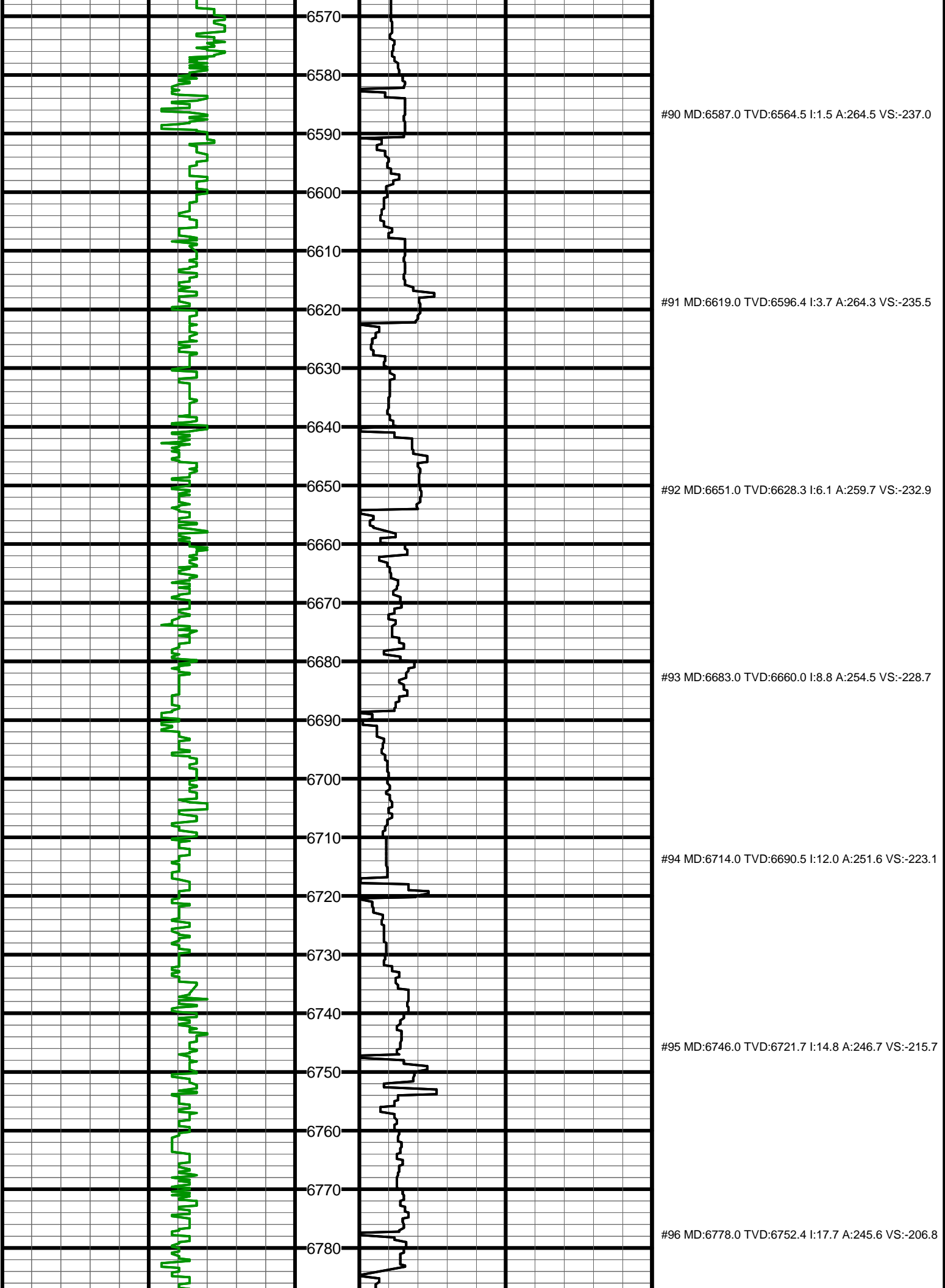
#85 MD:6429.0 TVD:6407.6 I:11.5 A:75.1 VS:-222.1

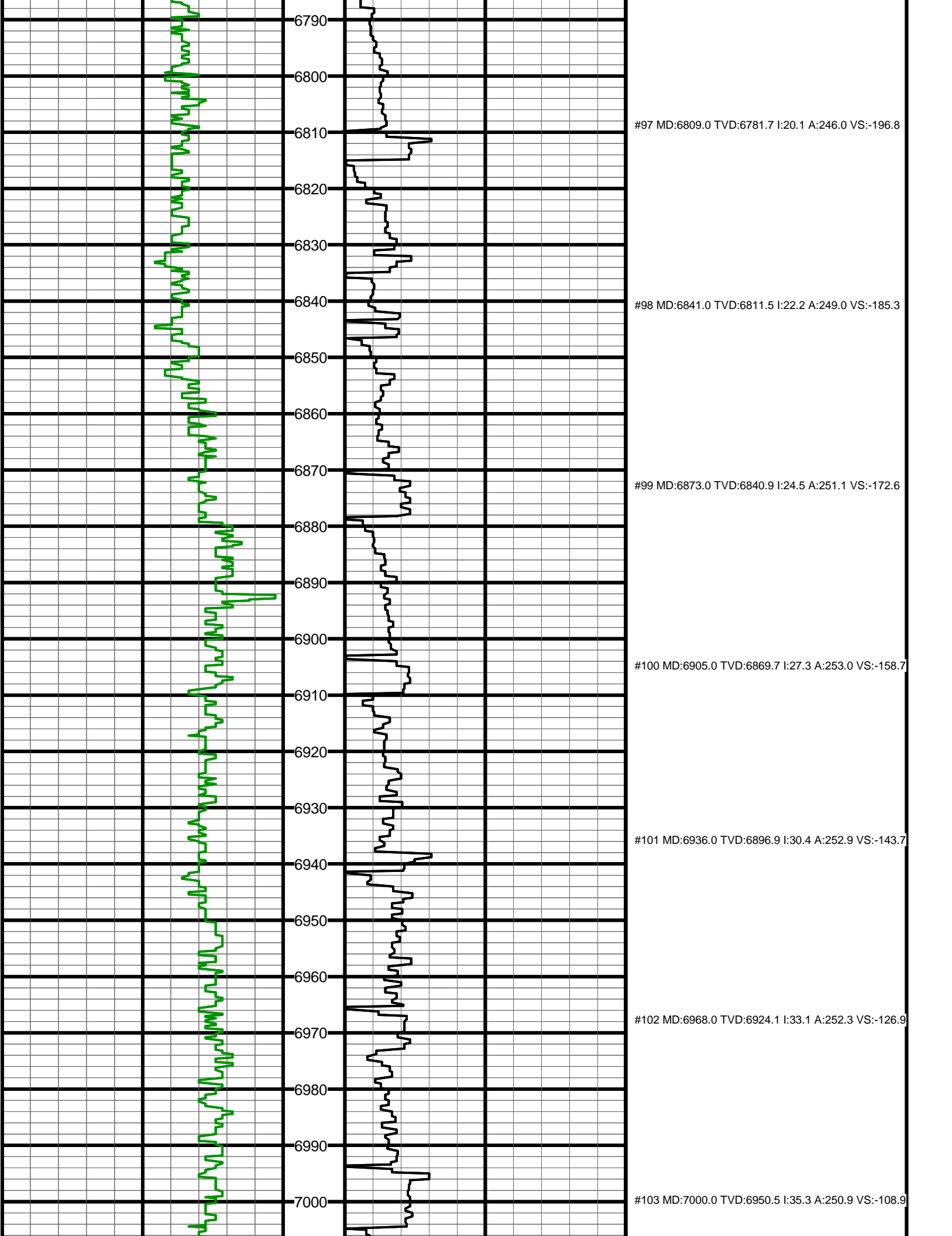
#86 MD:6460.0 TVD:6438.0 I:10.2 A:74.3 VS:-227.9

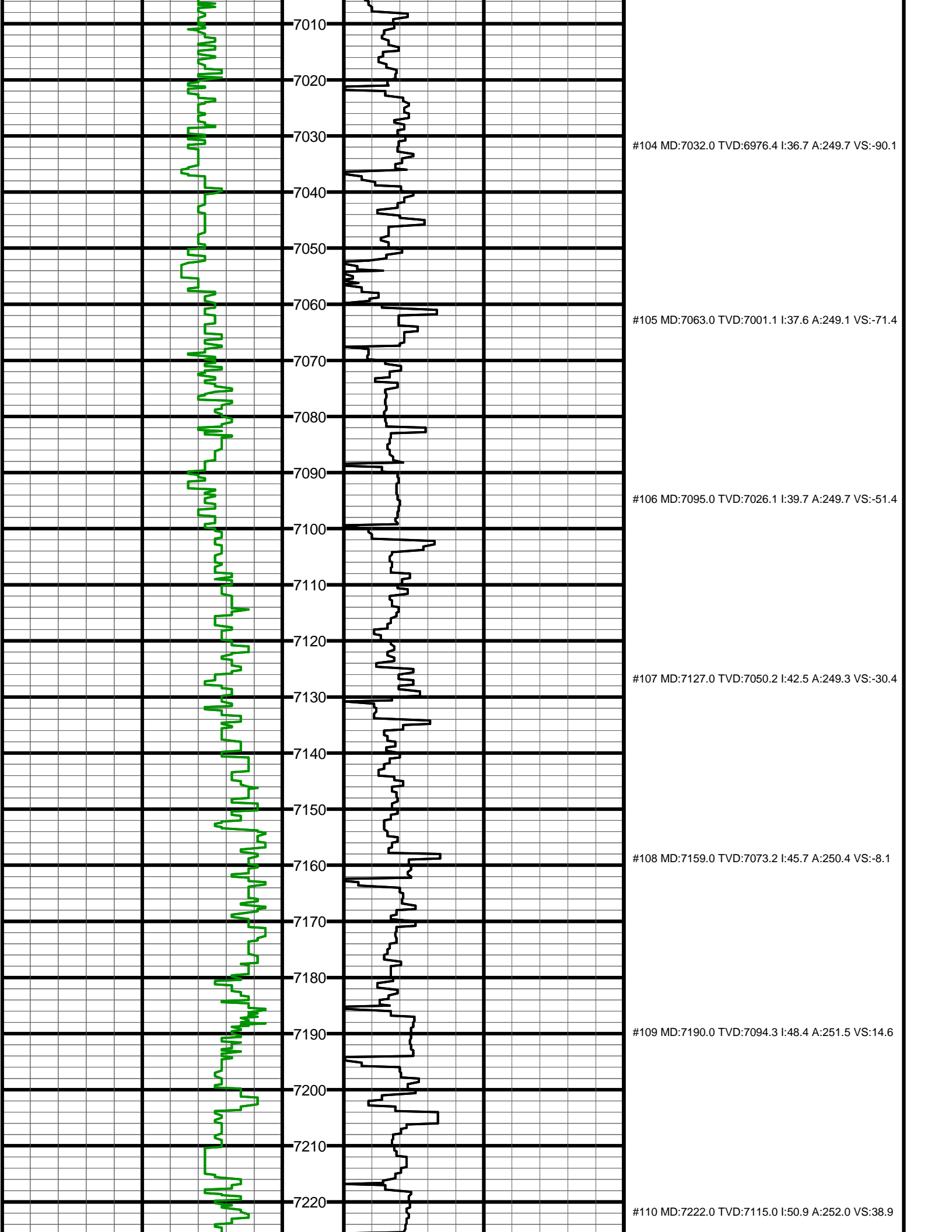
#87 MD:6492.0 TVD:6469.7 I:7.1 A:74.8 VS:-232.7

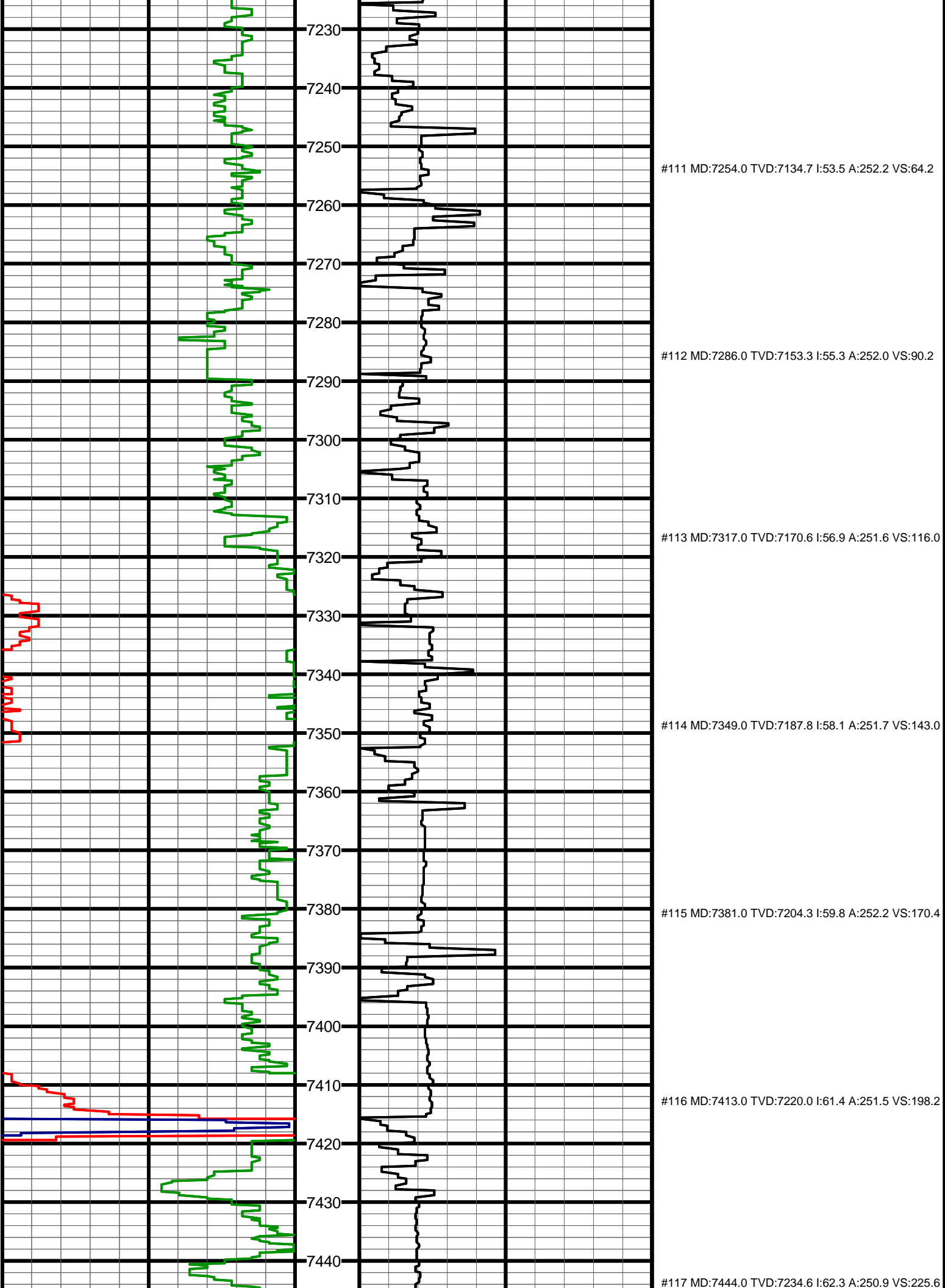
#88 MD:6524.0 TVD:6501.5 I:3.9 A:81.0 VS:-235.8

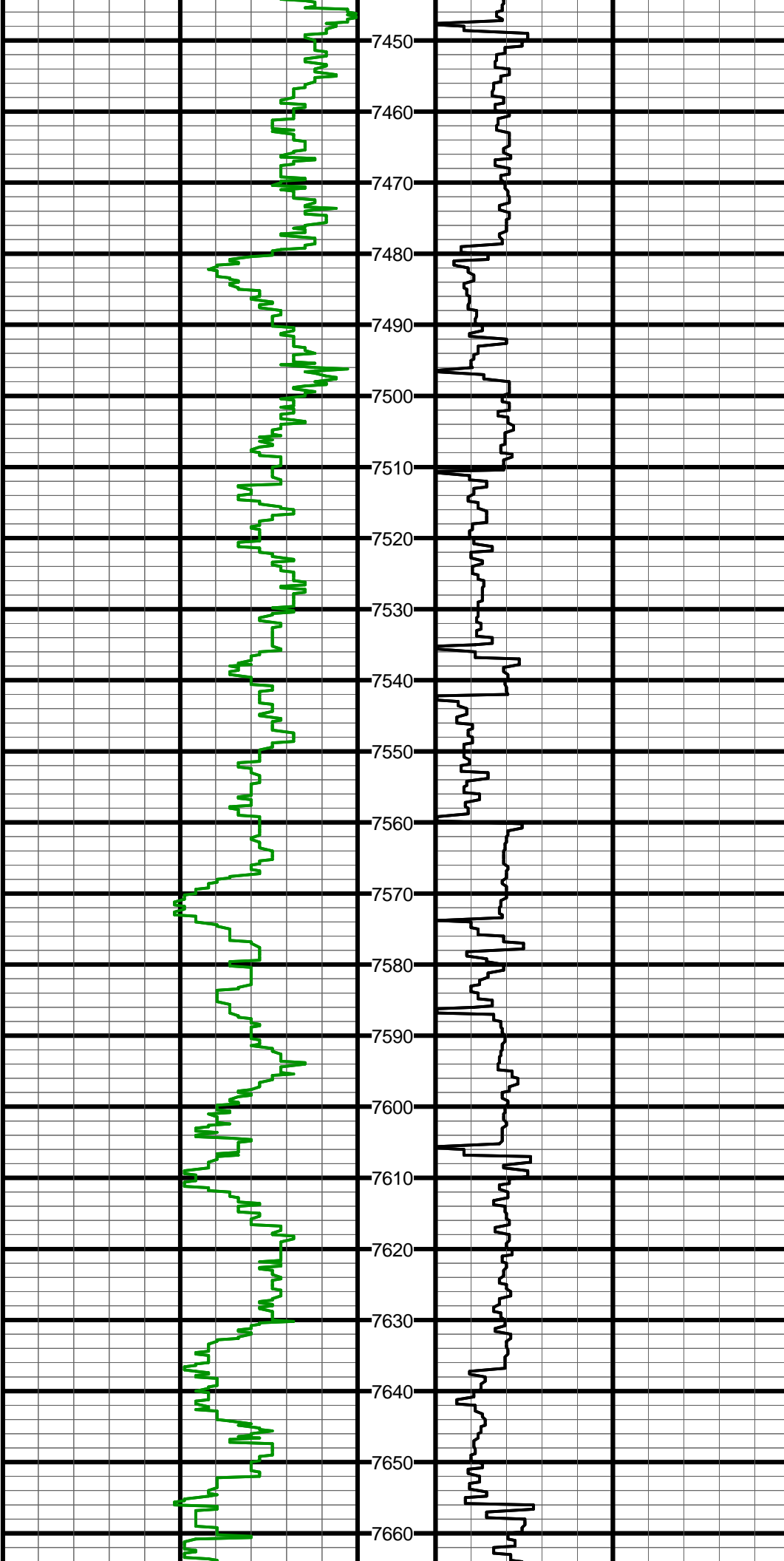
#89 MD:6556.0 TVD:6533.5 I:1.0 A:94.6 VS:-237.1











#118 MD:7476.0 TVD:7249.1 I:63.7 A:250.5 VS:254.1

#119 MD:7508.0 TVD:7262.6 I:66.5 A:249.7 VS:283.1

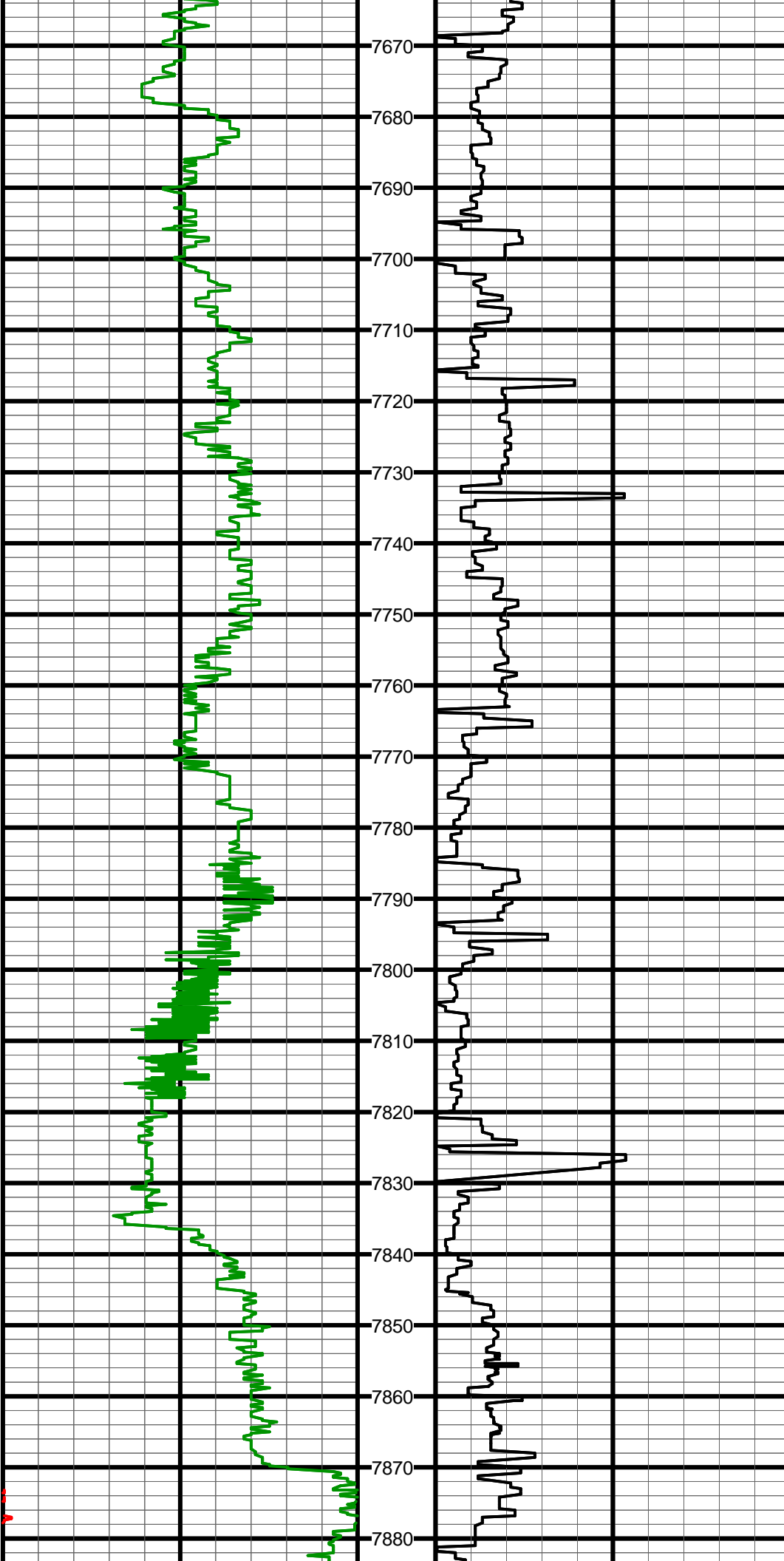
#120 MD:7539.0 TVD:7274.0 I:70.2 A:249.3 VS:311.9

#121 MD:7571.0 TVD:7284.3 I:72.5 A:249.3 VS:342.2

#122 MD:7603.0 TVD:7293.6 I:73.5 A:248.8 VS:372.8

#123 MD:7635.0 TVD:7302.4 I:74.8 A:248.6 VS:403.5





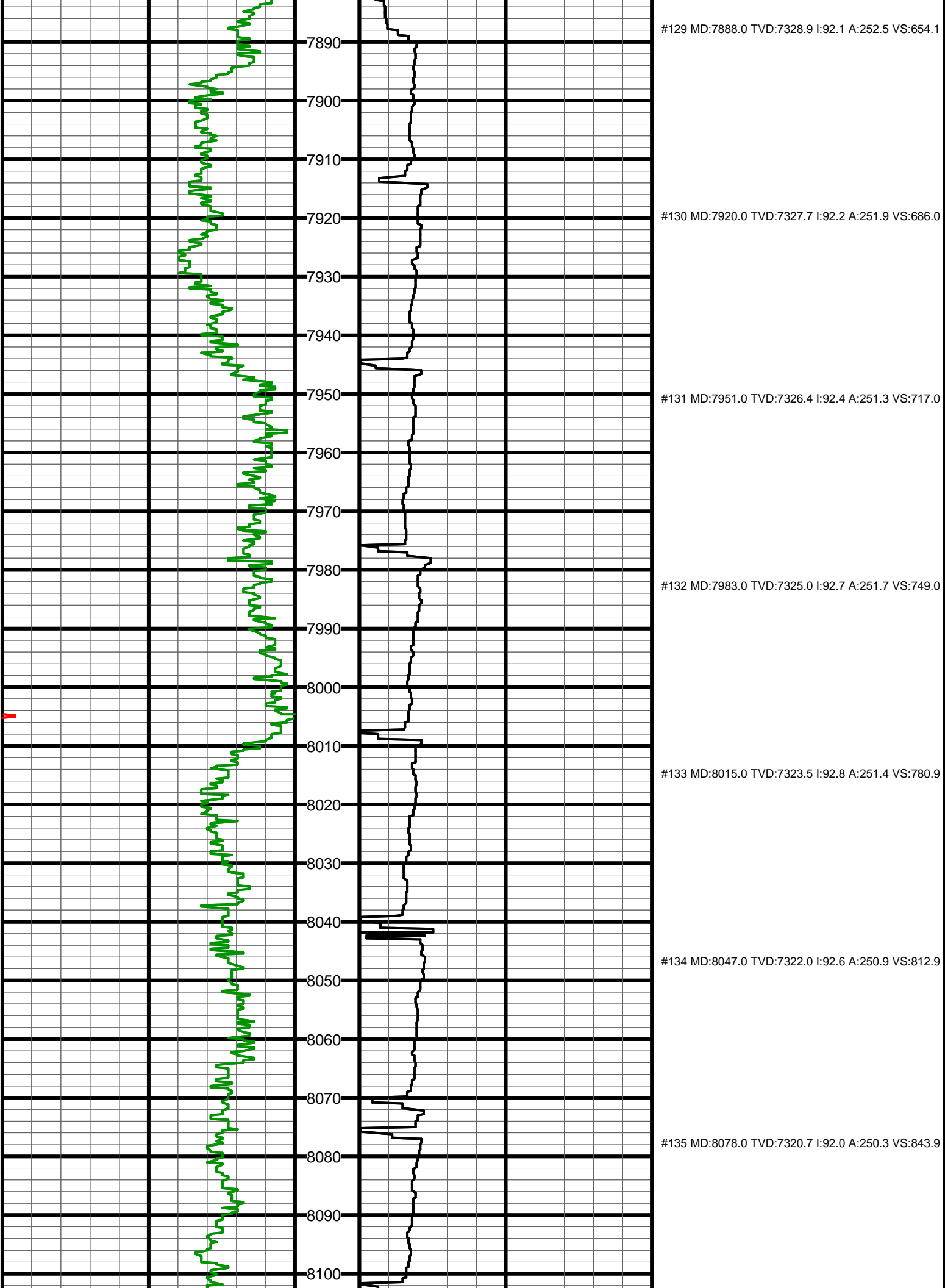
#124 MD:7666.0 TVD:7309.9 I:77.2 A:248.7 VS:433.5

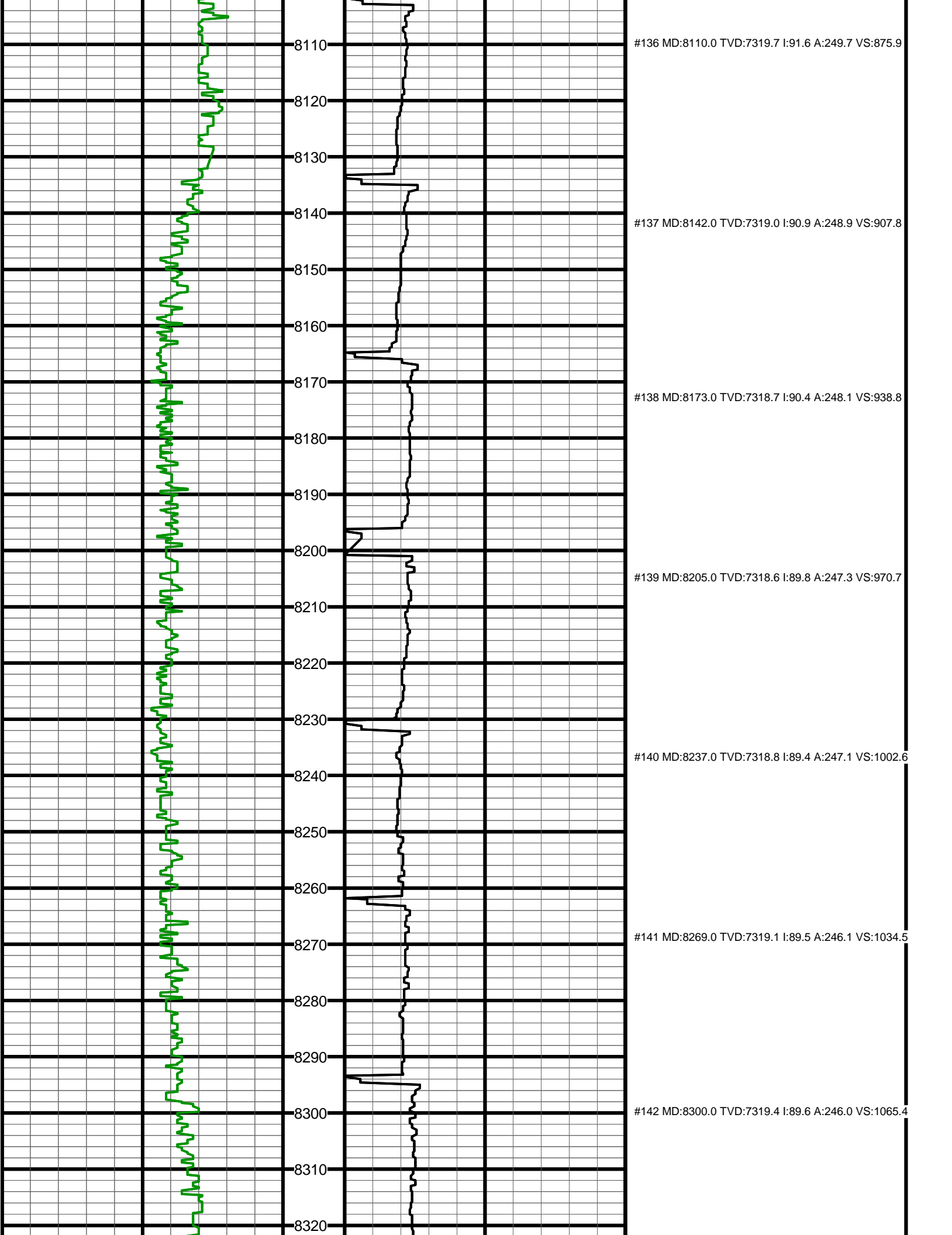
#125 MD:7698.0 TVD:7316.1 I:80.3 A:249.5 VS:464.9

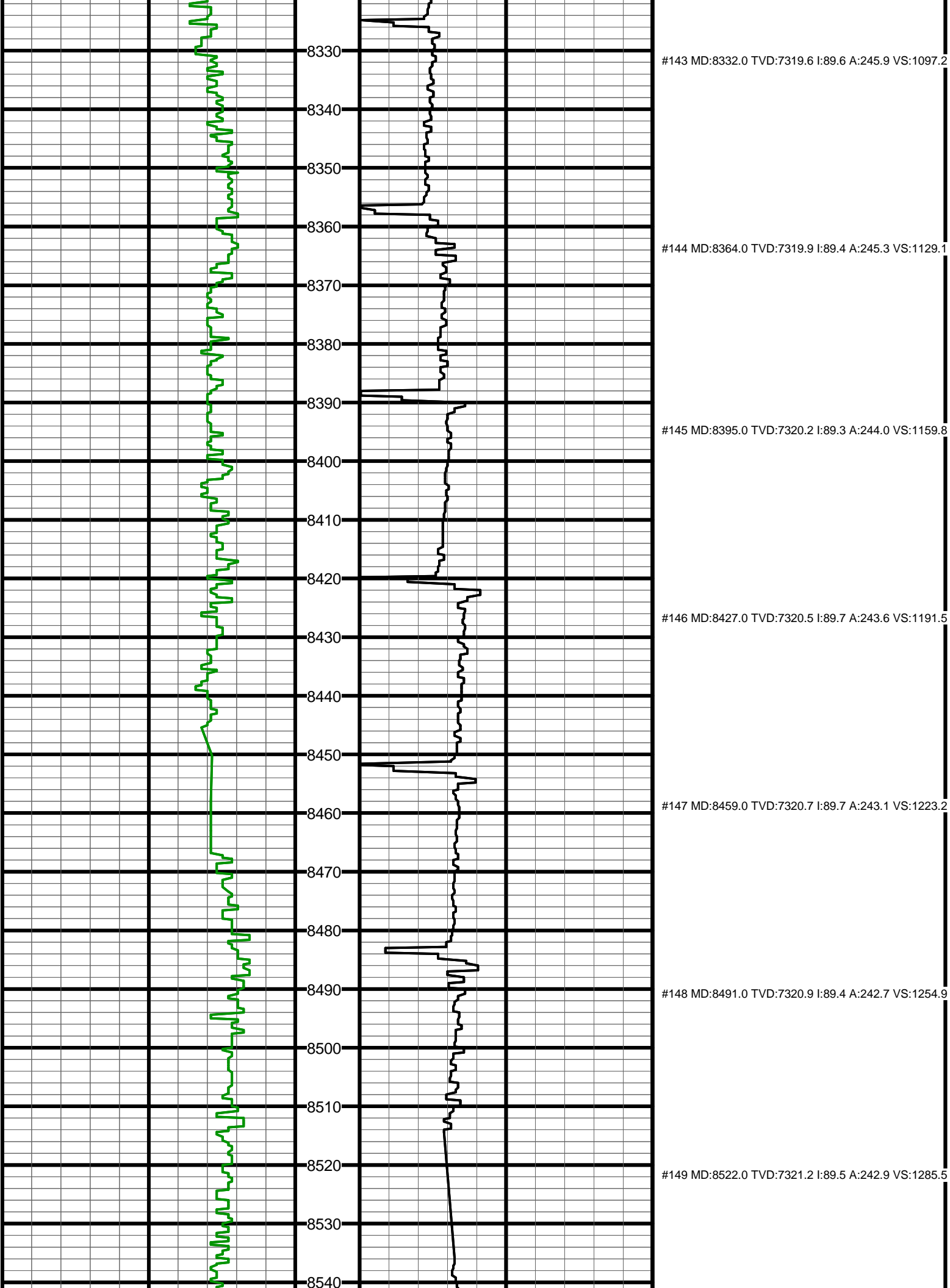
#126 MD:7730.0 TVD:7321.1 I:81.8 A:250.4 VS:496.5

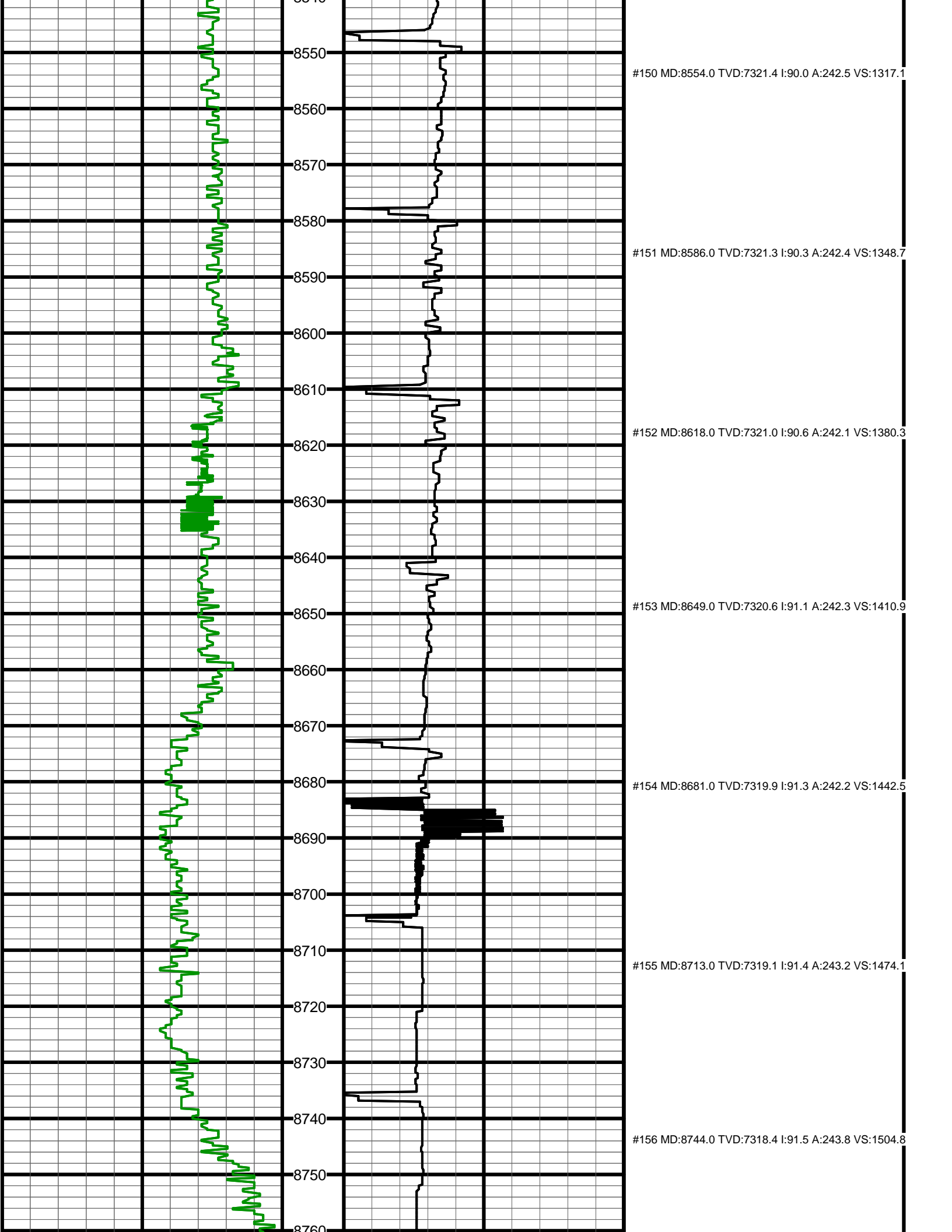
#127 MD:7761.0 TVD:7325.0 I:83.6 A:251.4 VS:527.2

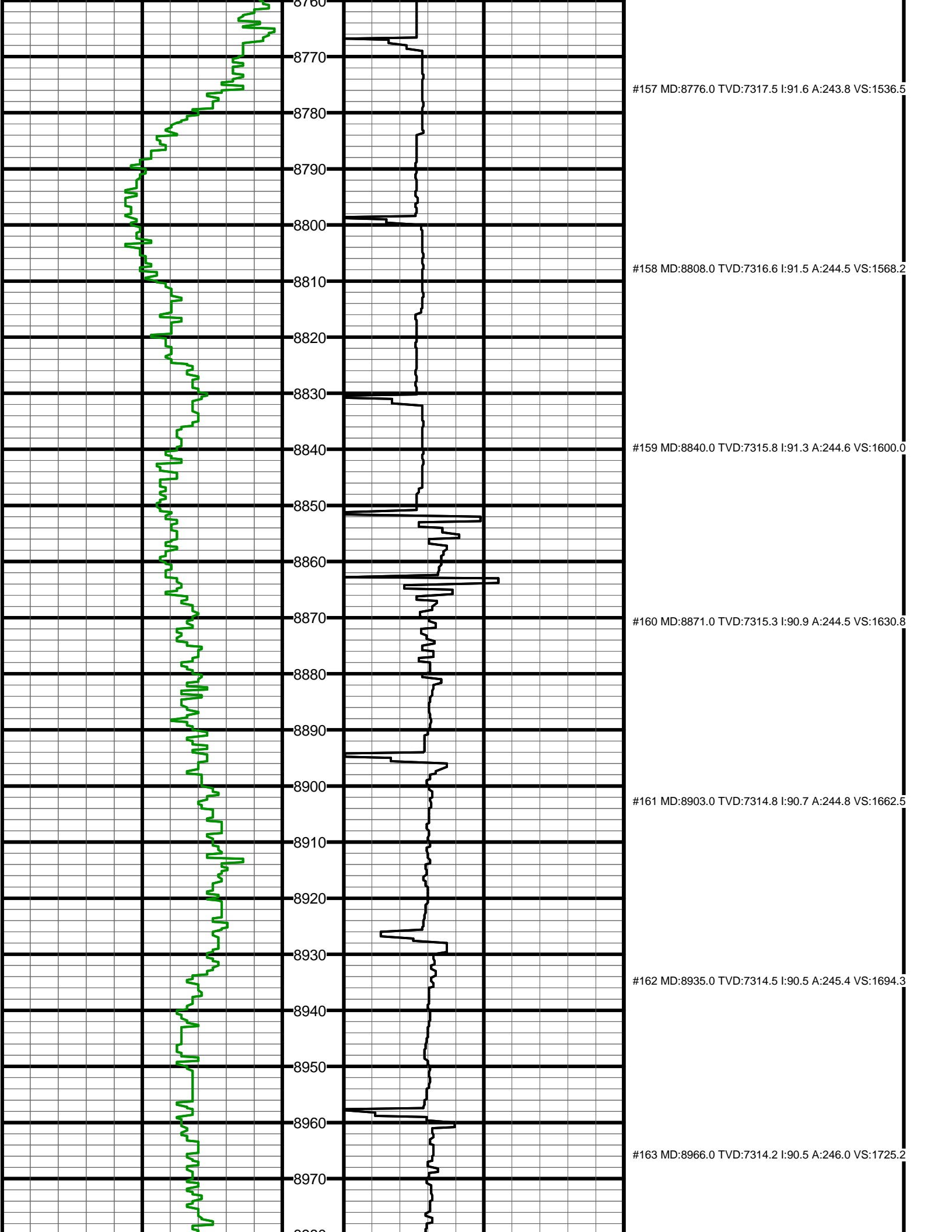
#128 MD:7798.0 TVD:7328.1 I:86.9 A:251.9 VS:564.1

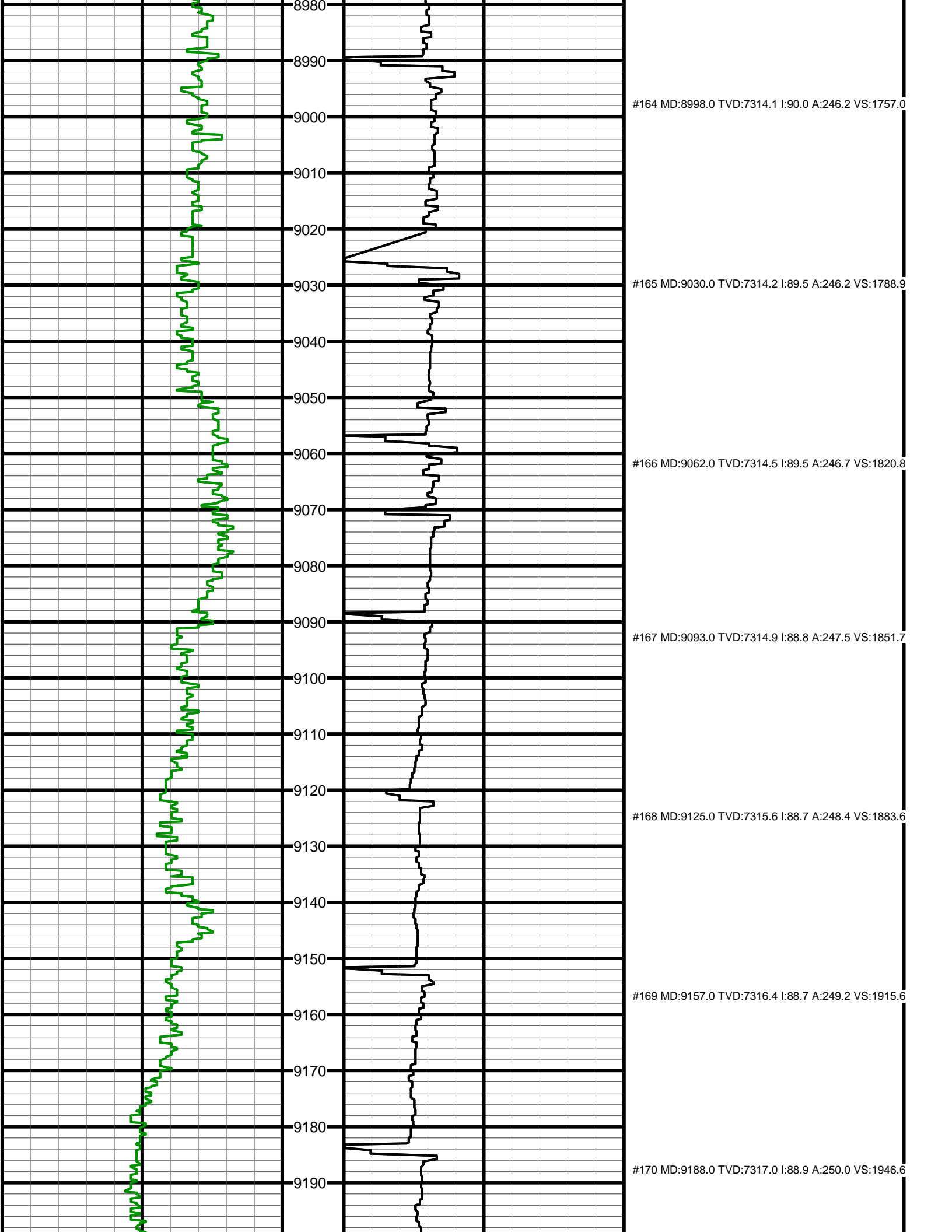


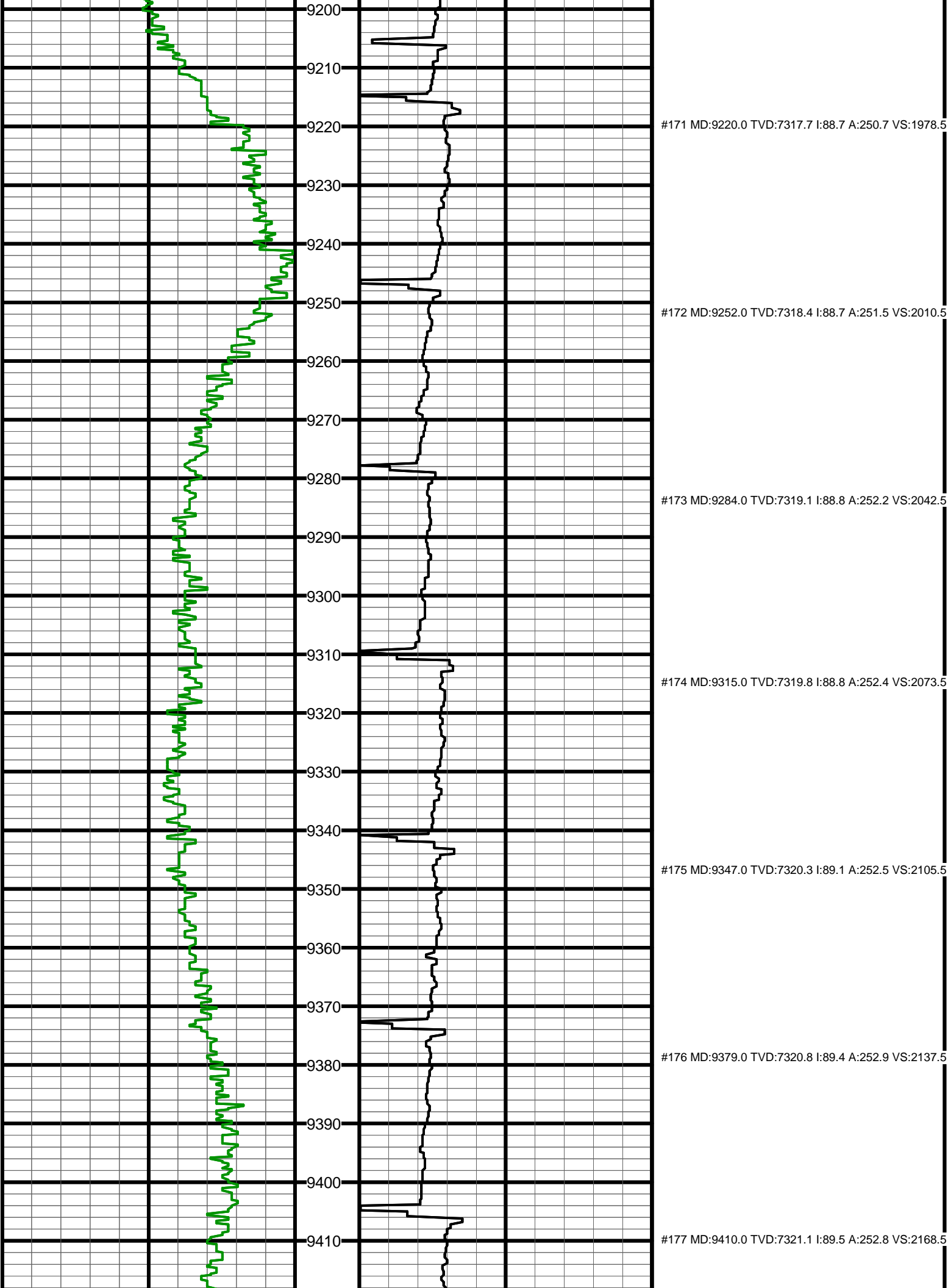




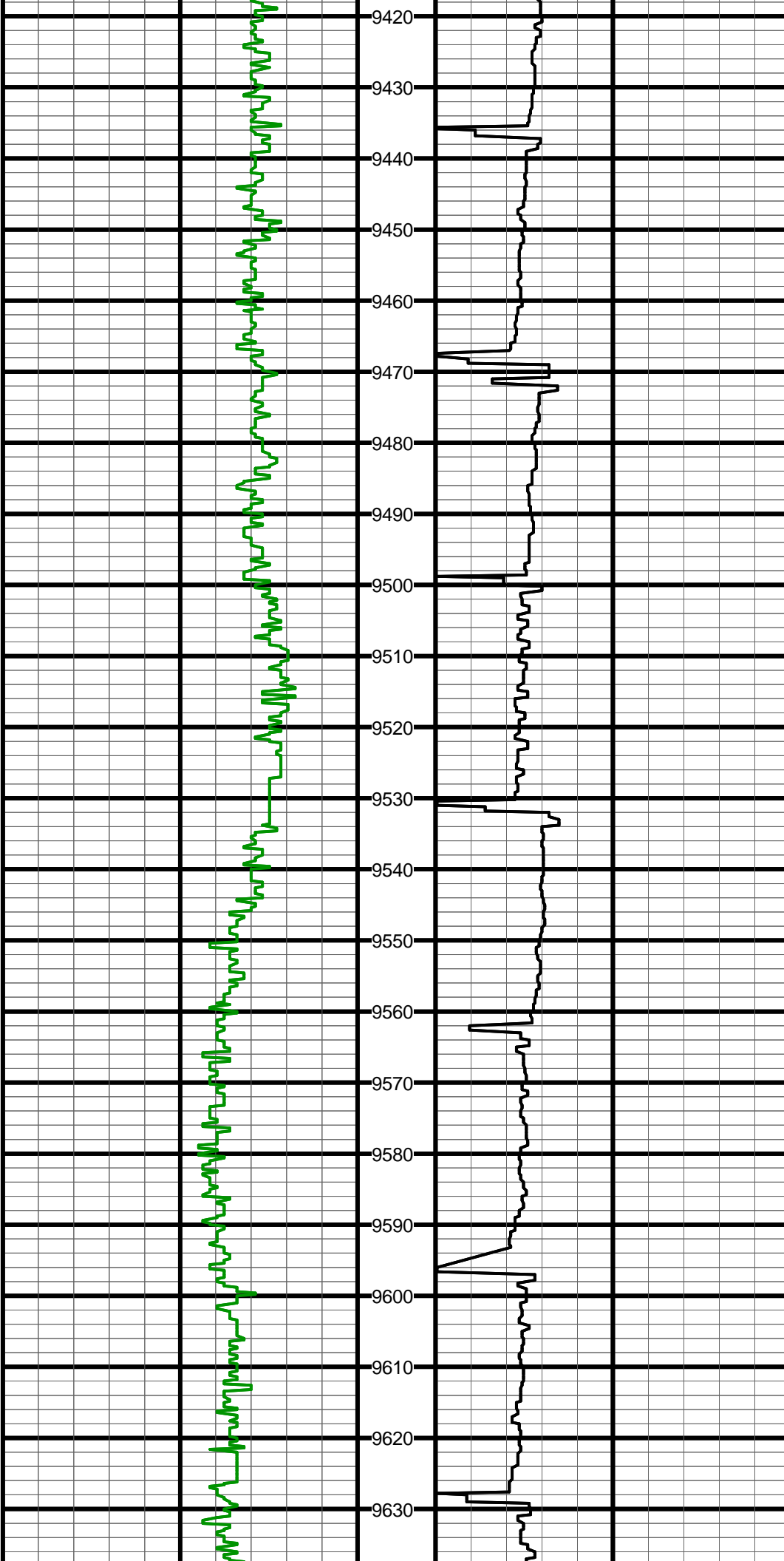










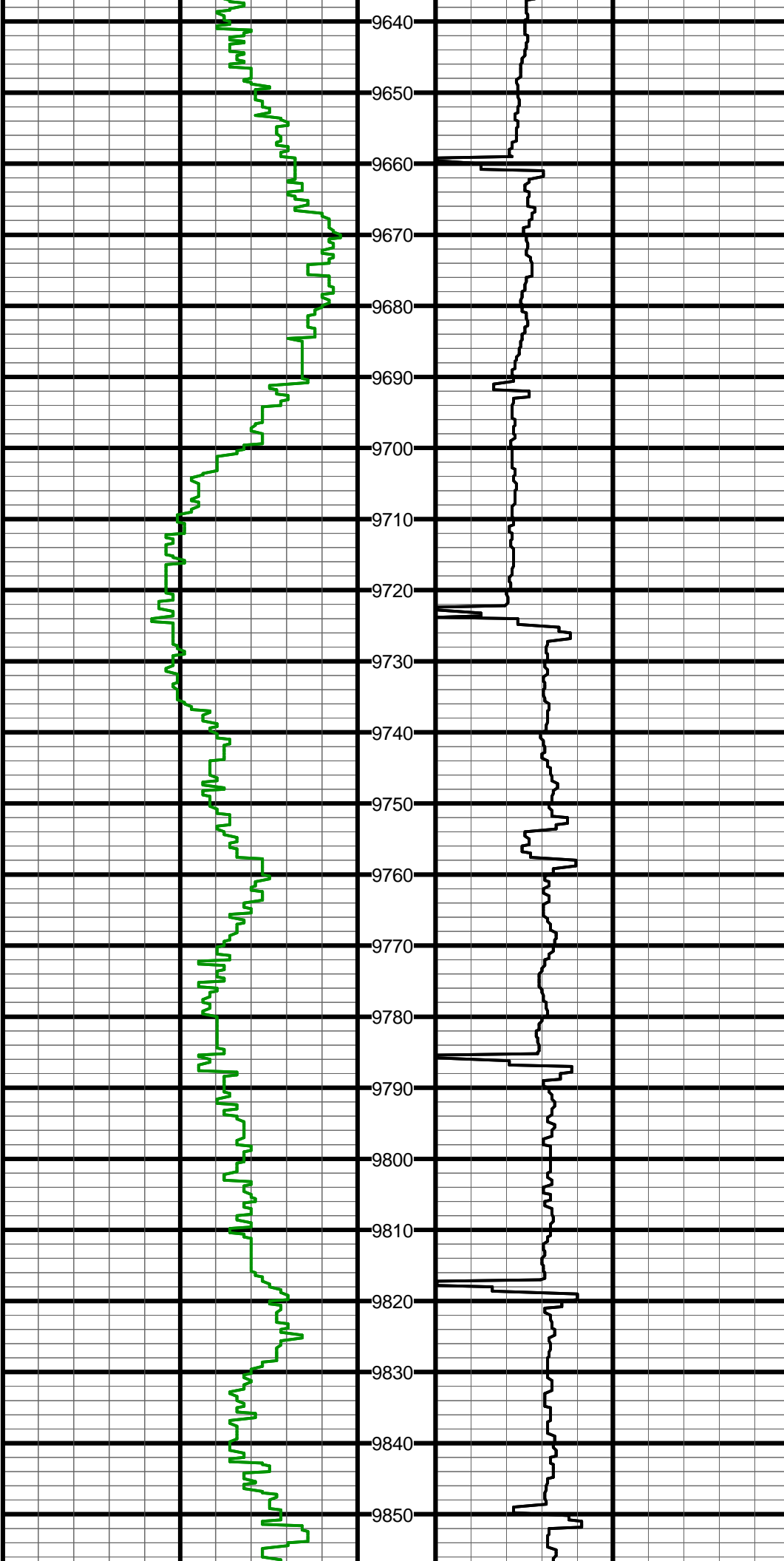


#178 MD:9442.0 TVD:7321.3 I:89.7 A:253.3 VS:2200.5

#179 MD:9474.0 TVD:7321.3 I:90.1 A:253.3 VS:2232.5

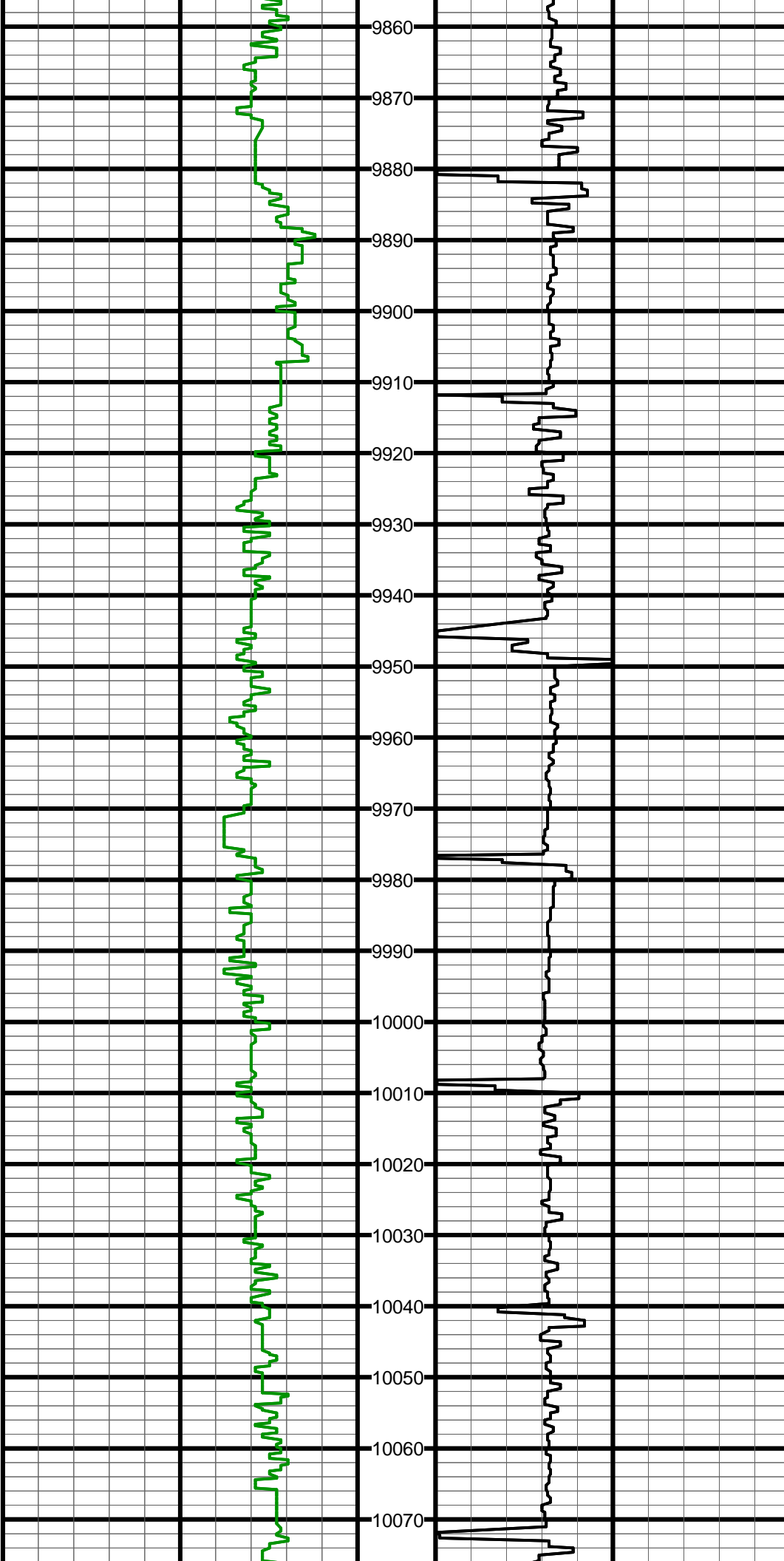
#180 MD:9537.0 TVD:7321.0 I:90.5 A:253.7 VS:2295.4

#181 MD:9632.0 TVD:7319.8 I:91.0 A:254.6 VS:2390.3



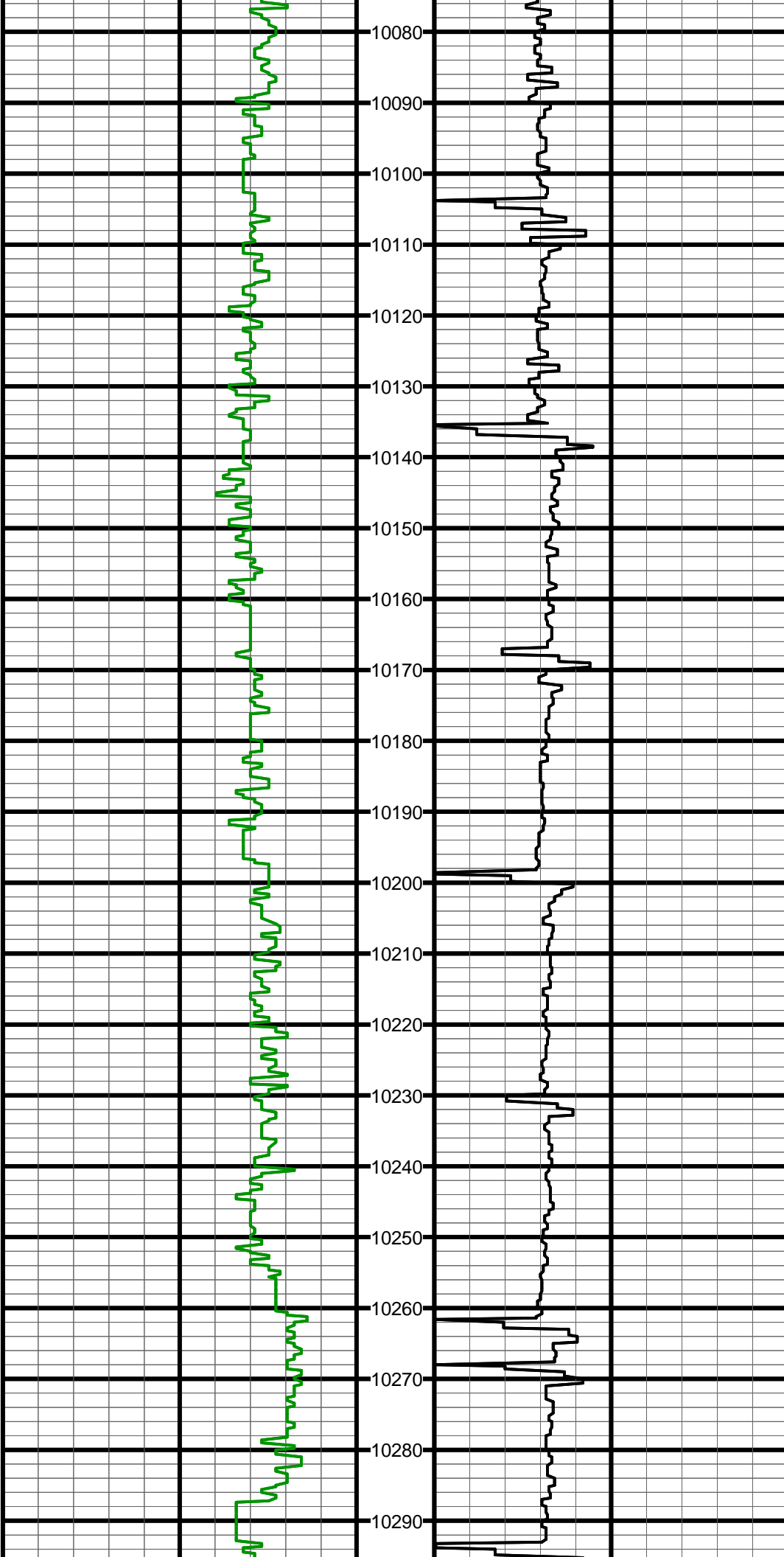
#182 MD:9728.0 TVD:7318.0 I:91.1 A:255.7 VS:2486.1

#183 MD:9823.0 TVD:7316.0 I:91.3 A:257.1 VS:2580.7



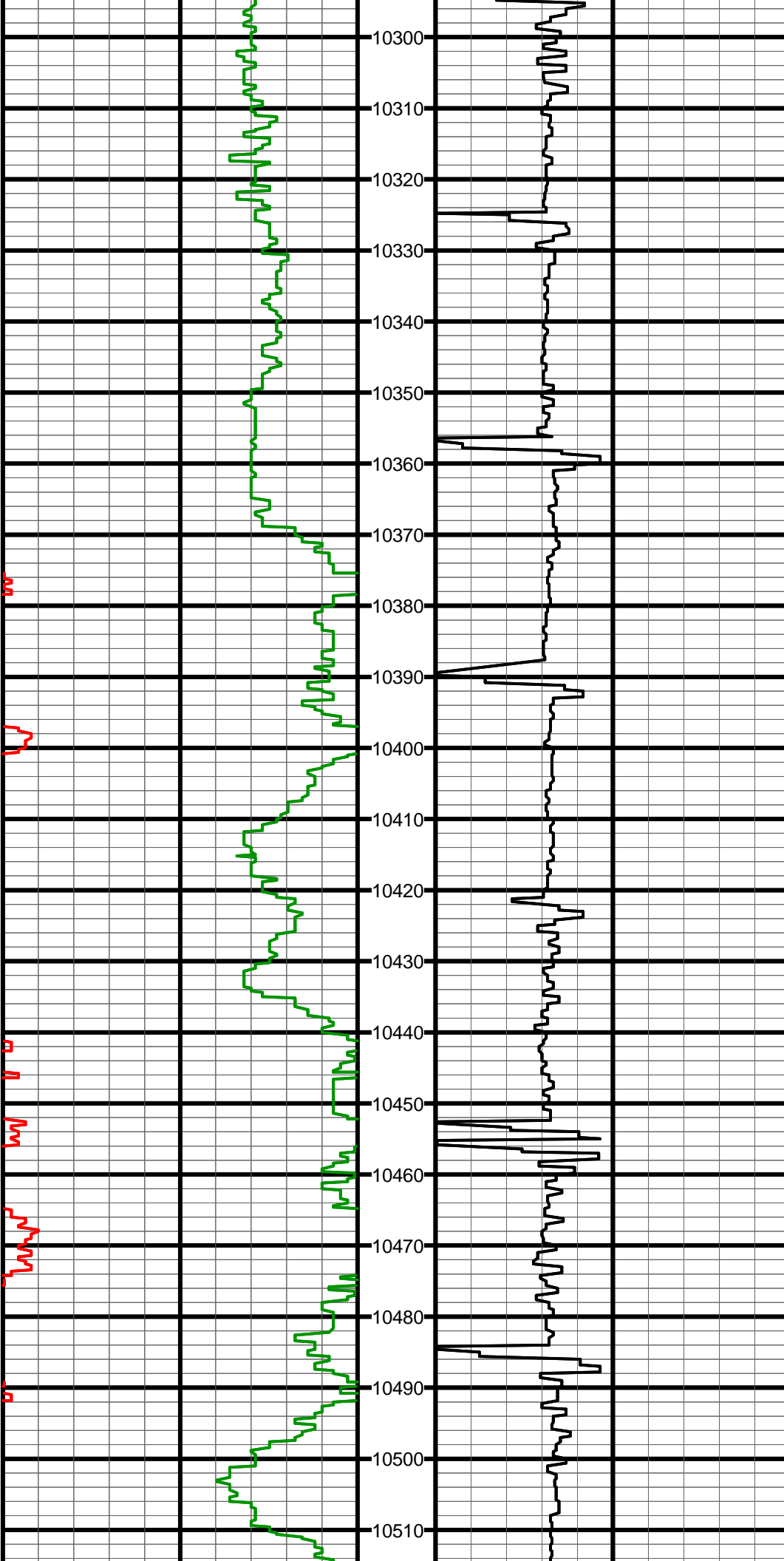
#184 MD:9918.0 TVD:7314.7 I:90.3 A:257.2 VS:2675.2

#185 MD:10013.0 TVD:7314.7 I:89.7 A:257.8 VS:2769.7



#186 MD:10108.0 TVD:7314.8 I:90.2 A:258.5 VS:2864.1

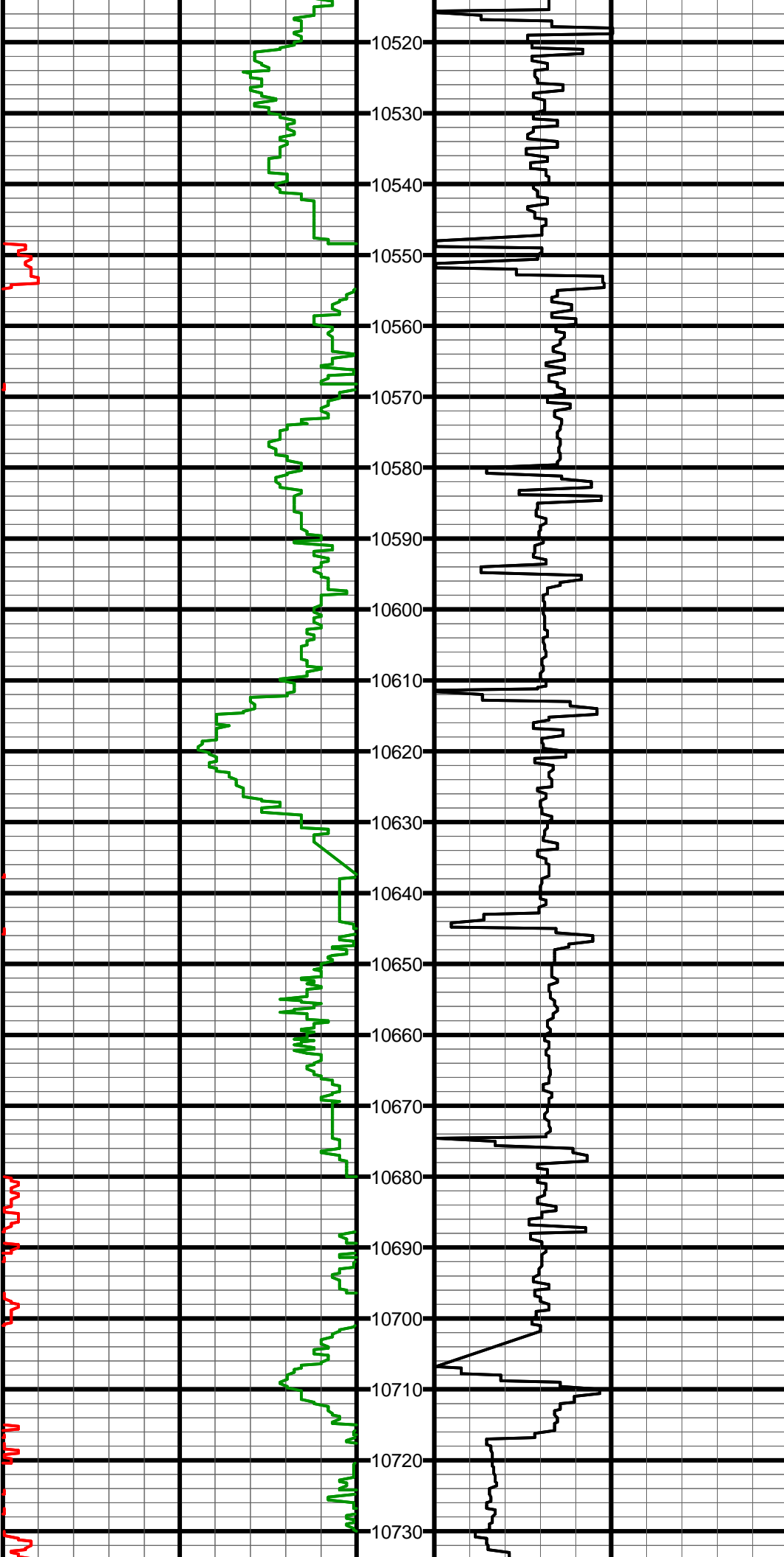
#187 MD:10204.0 TVD:7315.2 I:89.3 A:260.5 VS:2959.1



#188 MD:10299.0 TVD:7316.6 I:89.0 A:262.2 VS:3052.7

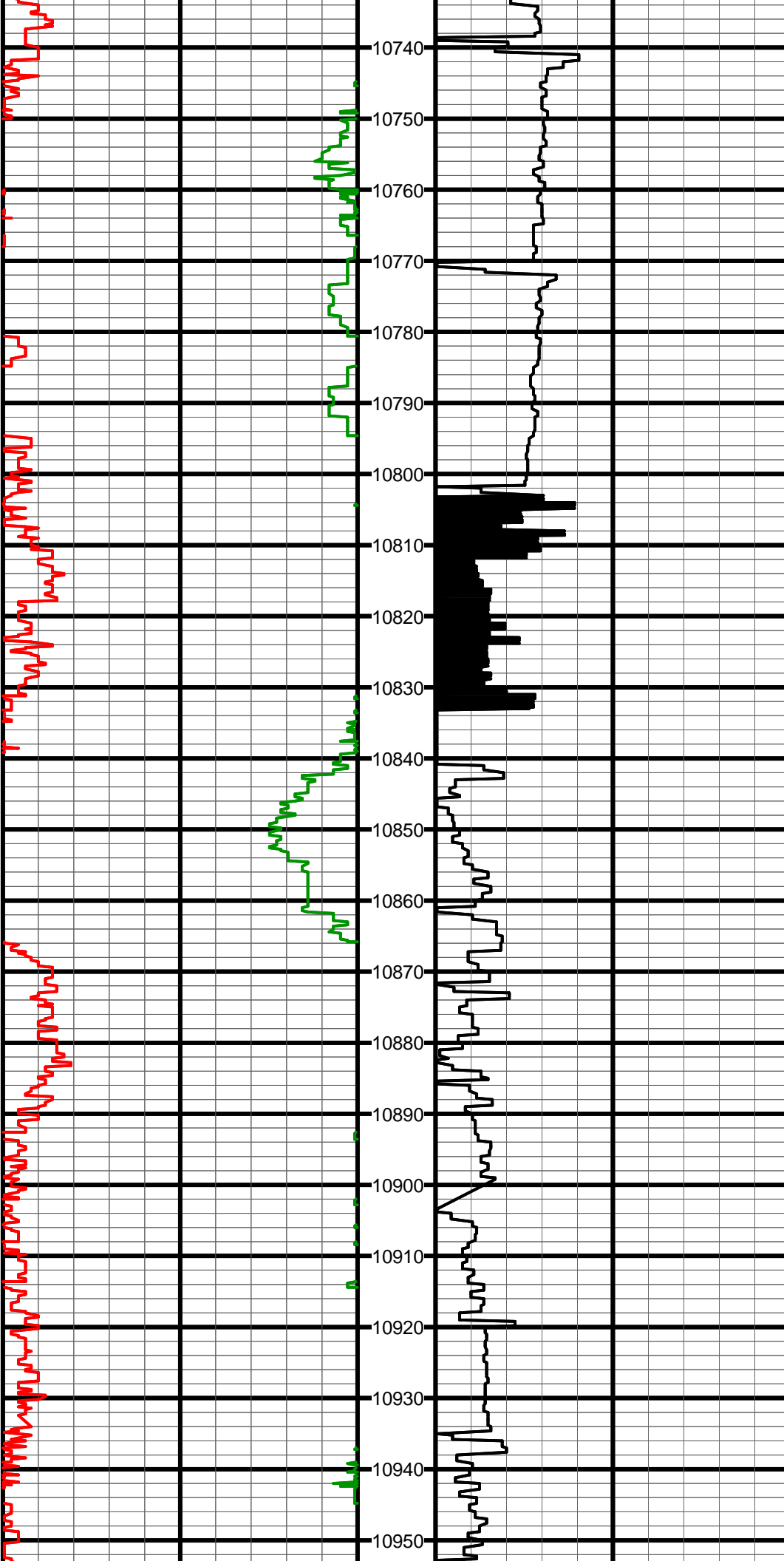
#189 MD:10394.0 TVD:7315.9 I:91.8 A:265.4 VS:3145.5

#190 MD:10489.0 TVD:7311.5 I:93.6 A:267.2 VS:3237.2



#191 MD:10585.0 TVD:7303.9 I:95.4 A:266.9 VS:3329.4

#192 MD:10680.0 TVD:7293.6 I:97.1 A:265.6 VS:3420.7



#193 MD:10743.0 TVD:7285.3 I:98.0 A:264.3 VS:3481.4

#194 MD:10776.0 TVD:7280.6 I:98.5 A:263.7 VS:3513.3

#195 MD:10808.0 TVD:7275.7 I:98.9 A:262.9 VS:3544.2

#196 MD:10872.0 TVD:7266.5 I:97.7 A:261.2 VS:3606.5

