



Digital Drilling Data
Systems, LLC

GeologPlot

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

Company: EnCana Oil & Gas

Well: Flanigan 1B-6H

Field: Wattenberg

Well ID: 512335695

Job Number: 125472

Location: NWNE S6-T1N-R64W

Operator 1: Cathedral Energy

Operator 2: Richie Moulton

State: Co

County: Weld

Country: U.S.

Elev KB: 5010

Elev DF: 13

Elev GL: 4997

Comment 1:

Comment 2:

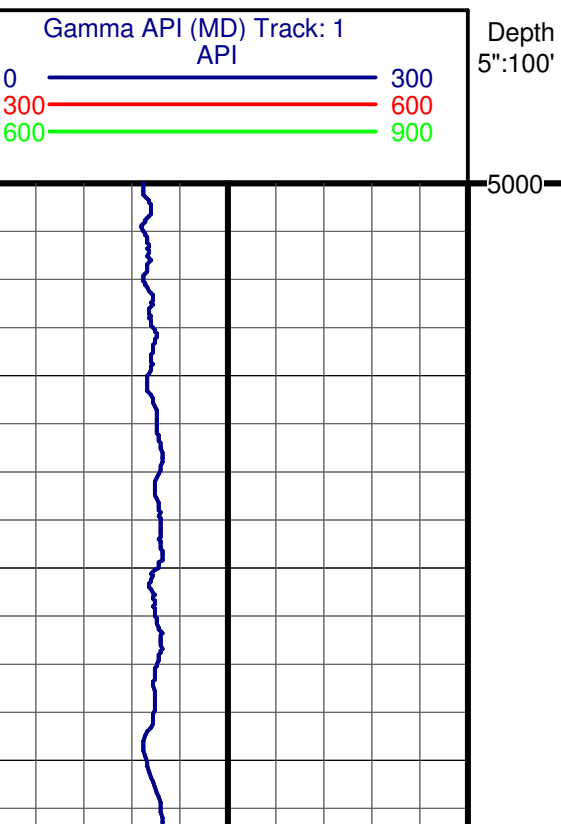
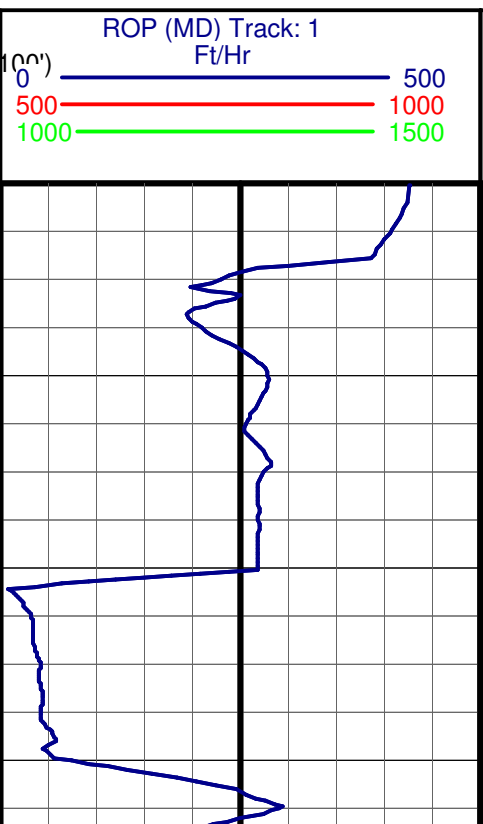
Comment 3:

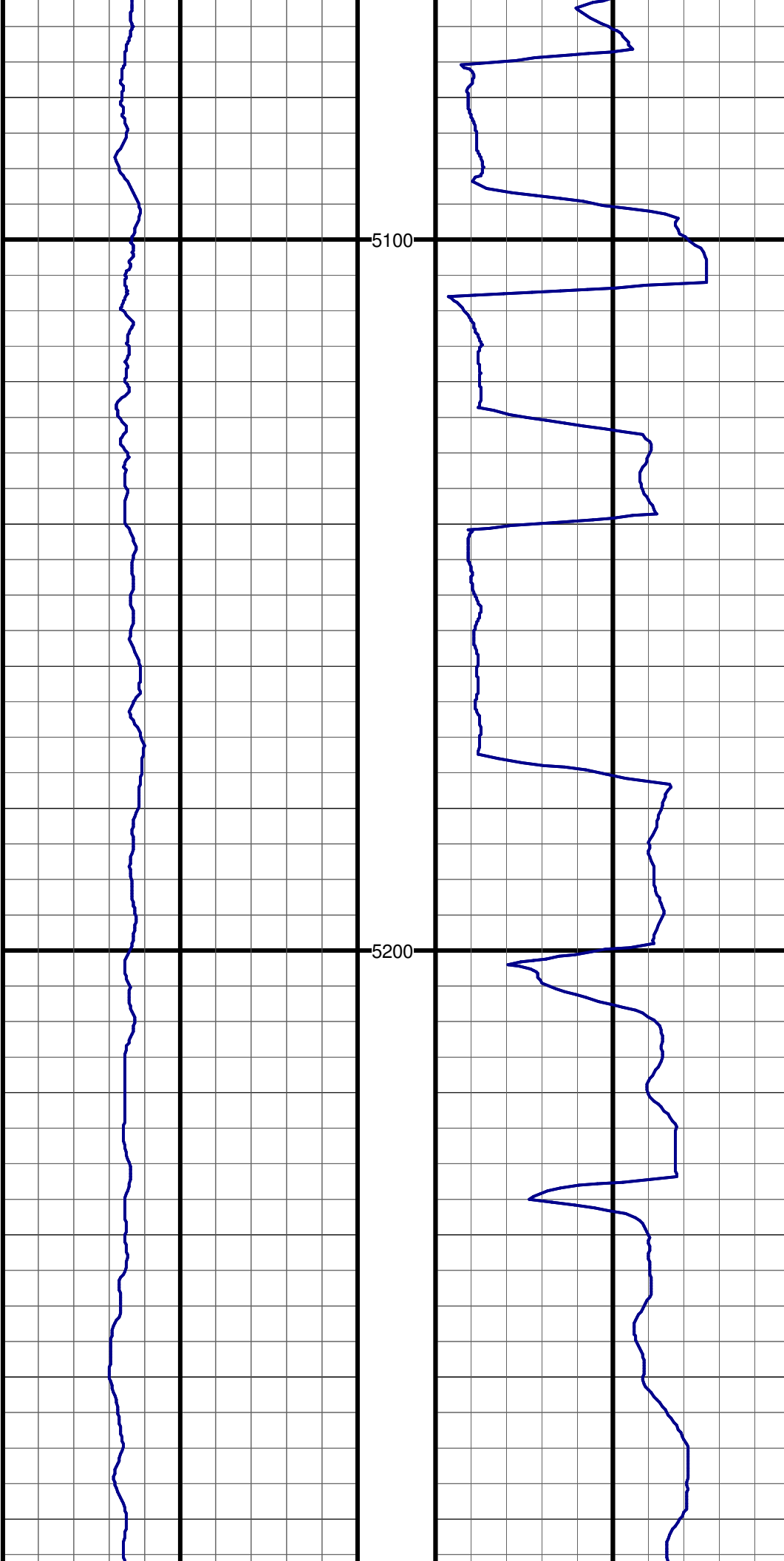
Comment 4:

Comment 5:

Hole Data				Casing Record		
Size	From	To	Size	From	To	
12	0	1112	9.625	0	1106	
8.75	1112	7388	7	0	7362	
6.125	7388	11454	4.5	0	11445	

Tool Run Data		Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	1014	1014	1014	1014		
Cal Factor	3.83	3.83	3.44			
Gamma Offset	n/a	35.5	35.5			
Start Depth	0	1112	7388			
Start Date	8/02/12	08/04/12	08/10/12			
Start Time	15:00	10:00	7:00			
End Depth	1112	7388	11454			
End Date	08/03/12	08/09/12	08/13/12			
End Time	00:05	02:00	14:00			





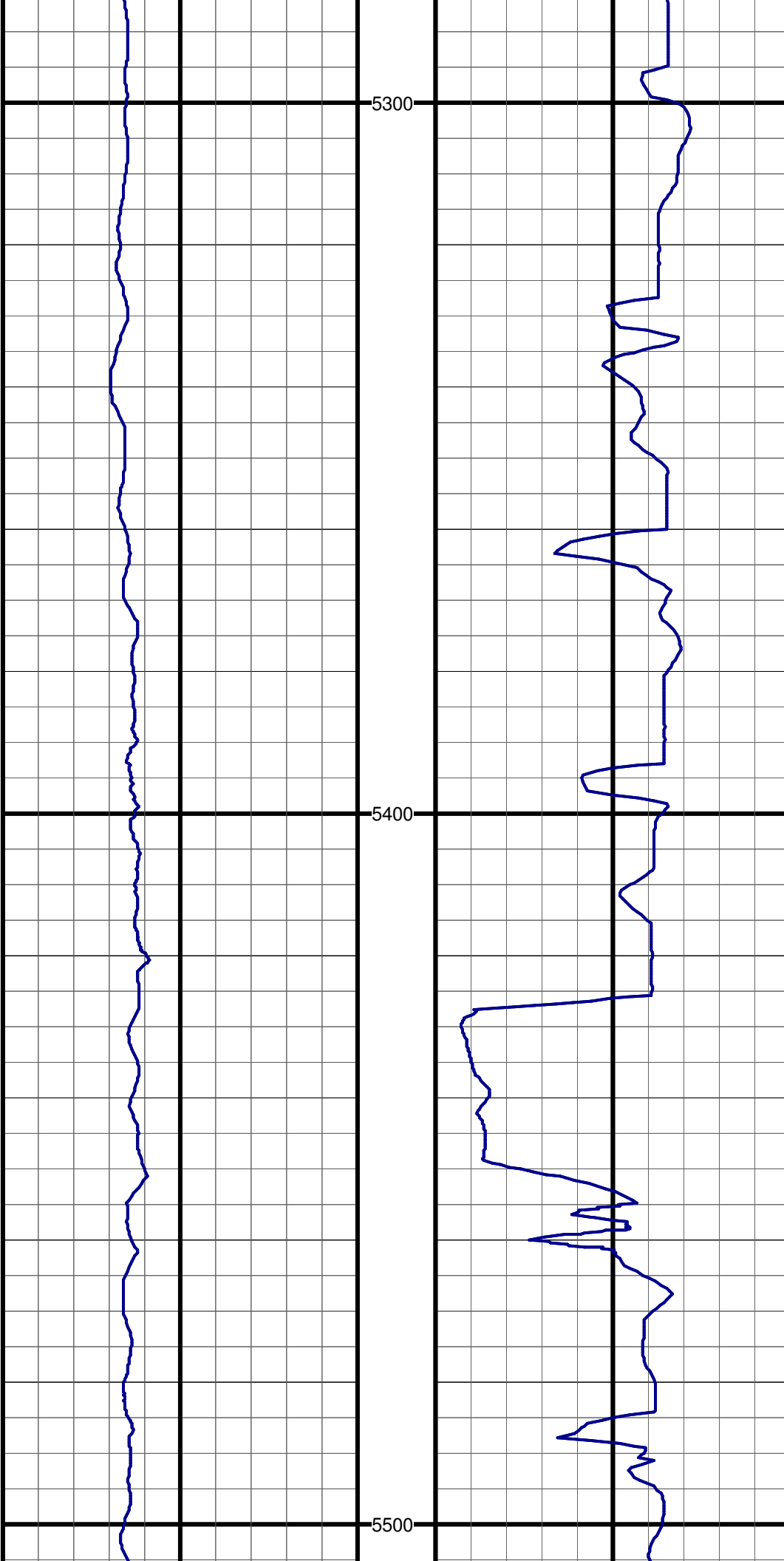
#1 MD:5088.0 TVD:5086.4 I:4.5 A:340.4 VS:12.4

5100

#2 MD:5183.0 TVD:5180.7 I:9.9 A:341.7 VS:1.1

5200

#3 MD:5278.0 TVD:5274.3 I:9.2 A:343.3 VS:-13.9



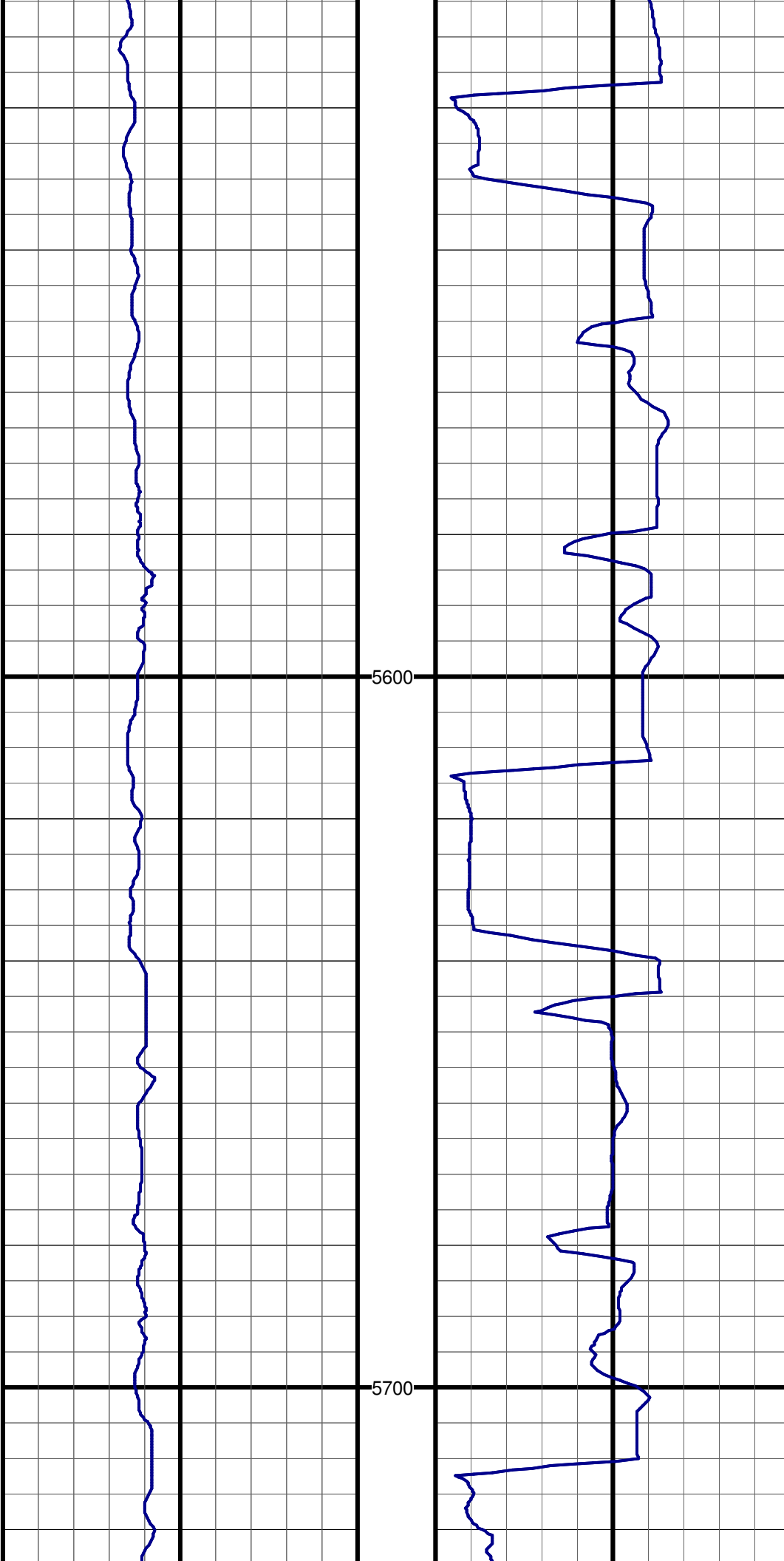
5300

5400

5500

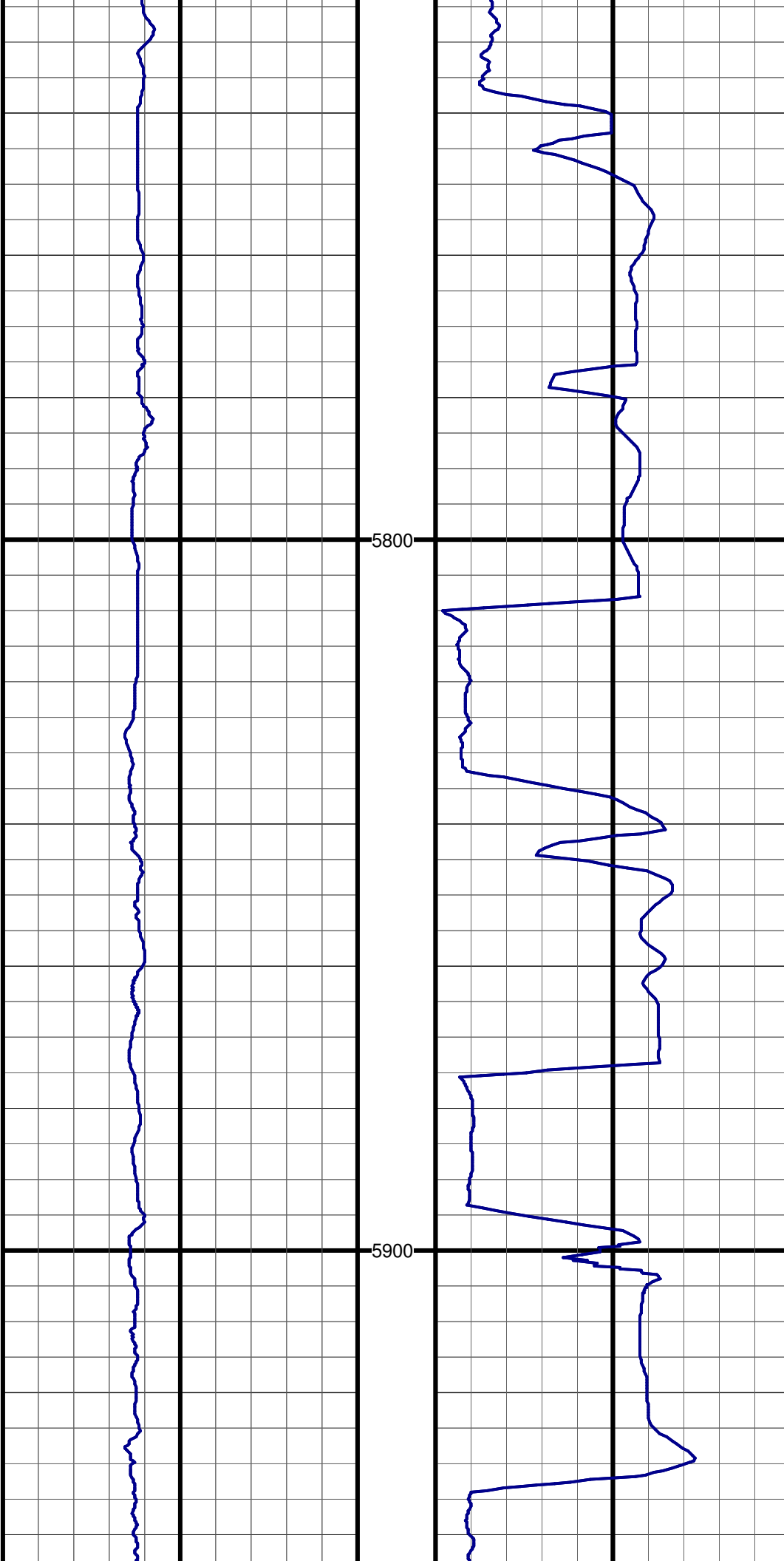
#4 MD:5373.0 TVD:5368.2 I:8.5 A:343.5 VS:-27.9

#5 MD:5469.0 TVD:5463.0 I:9.4 A:335.7 VS:-41.8



#6 MD:5564.0 TVD:5556.9 I:8.8 A:323.1 VS:-54.7

#7 MD:5659.0 TVD:5650.7 I:9.4 A:322.5 VS:-66.7



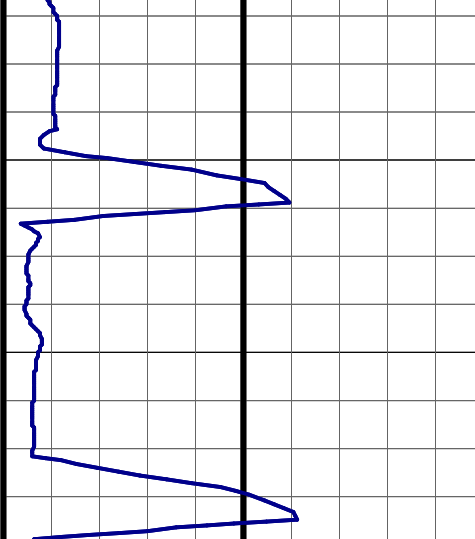
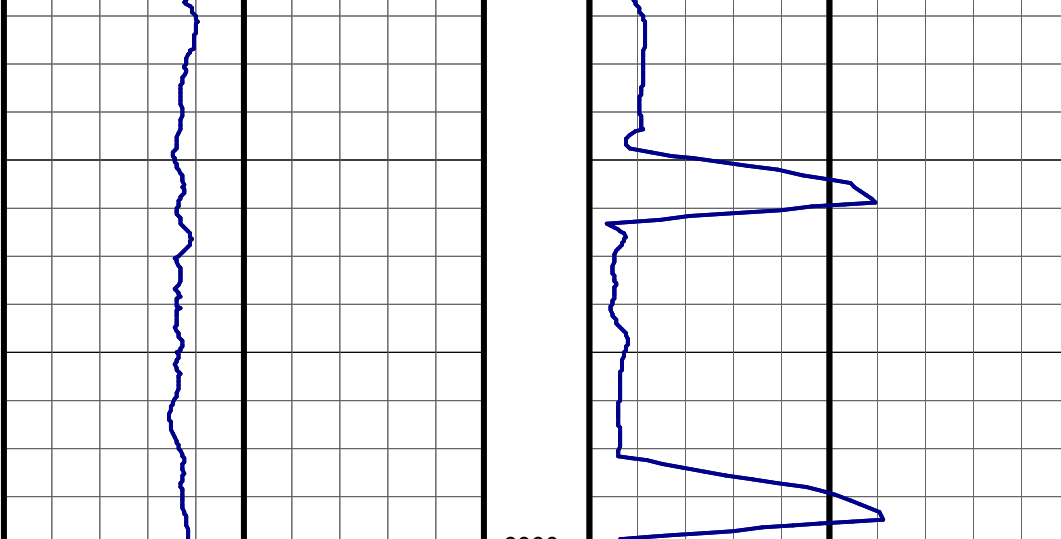
#8 MD:5754.0 TVD:5744.5 I:8.4 A:323.8 VS:-78.4

#9 MD:5817.0 TVD:5806.8 I:8.4 A:321.1 VS:-85.7

#10 MD:5880.0 TVD:5869.2 I:8.6 A:328.8 VS:-93.3

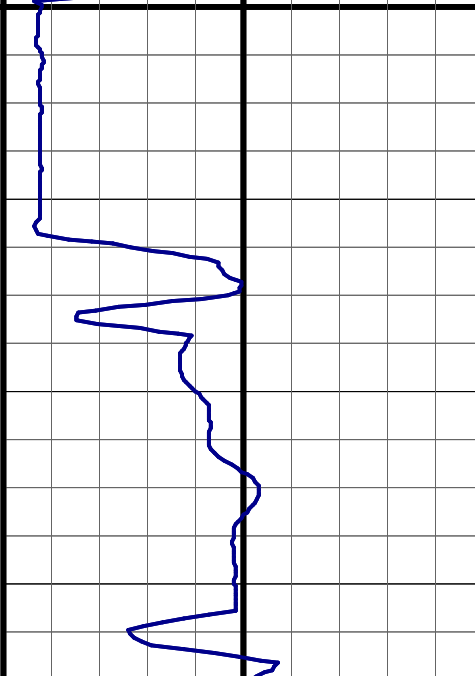
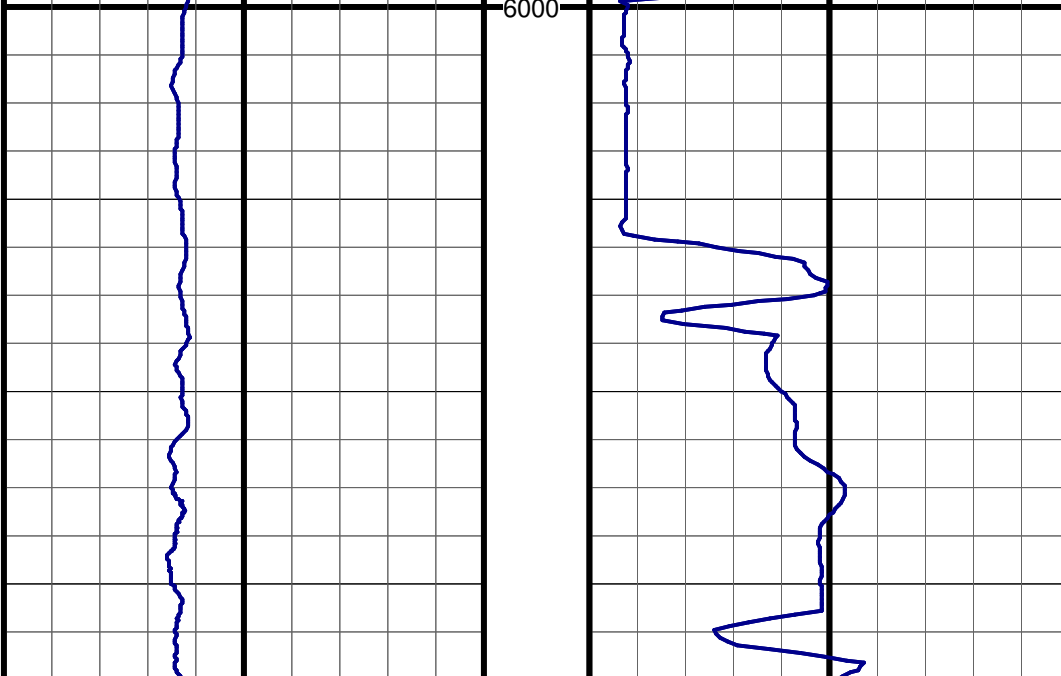
#11 MD:5944.0 TVD:5932.2 I:8.8 A:328.5 VS:-102.1

#11 MD:5944.0 TVD:5932.3 I:9.8 A:328.5 VS:-102.1



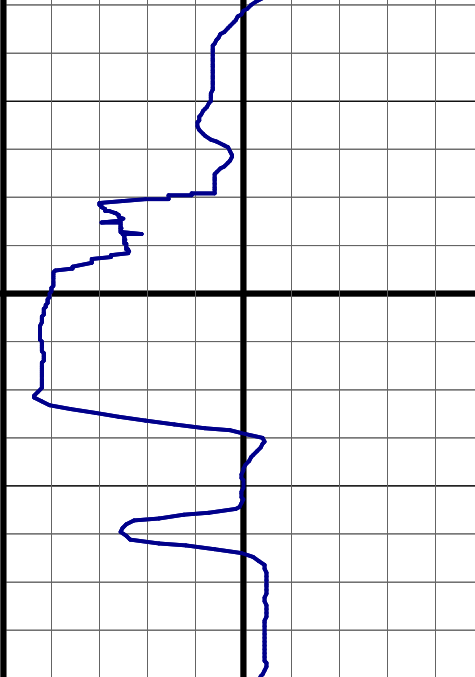
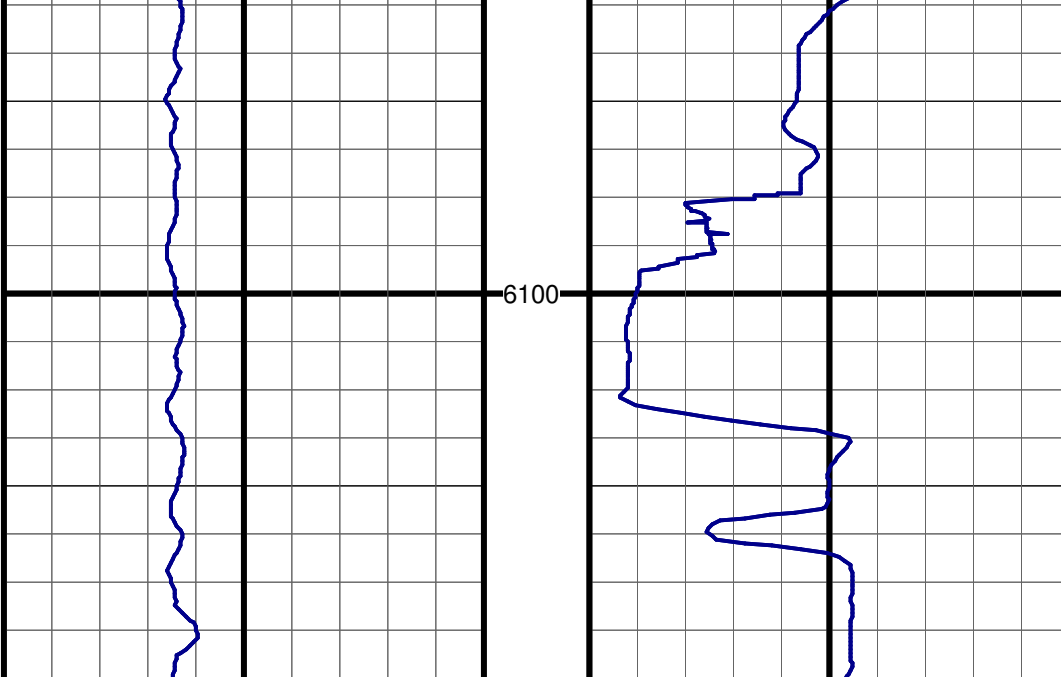
6000

#12 MD:6008.0 TVD:5994.8 I:15.0 A:324.7 VS:-113.5

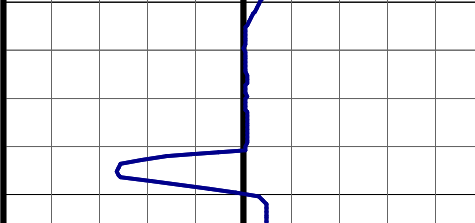
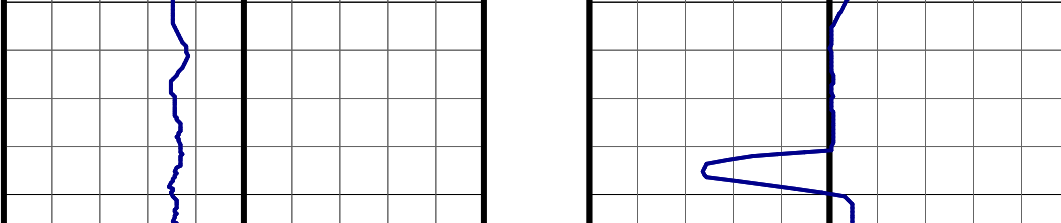


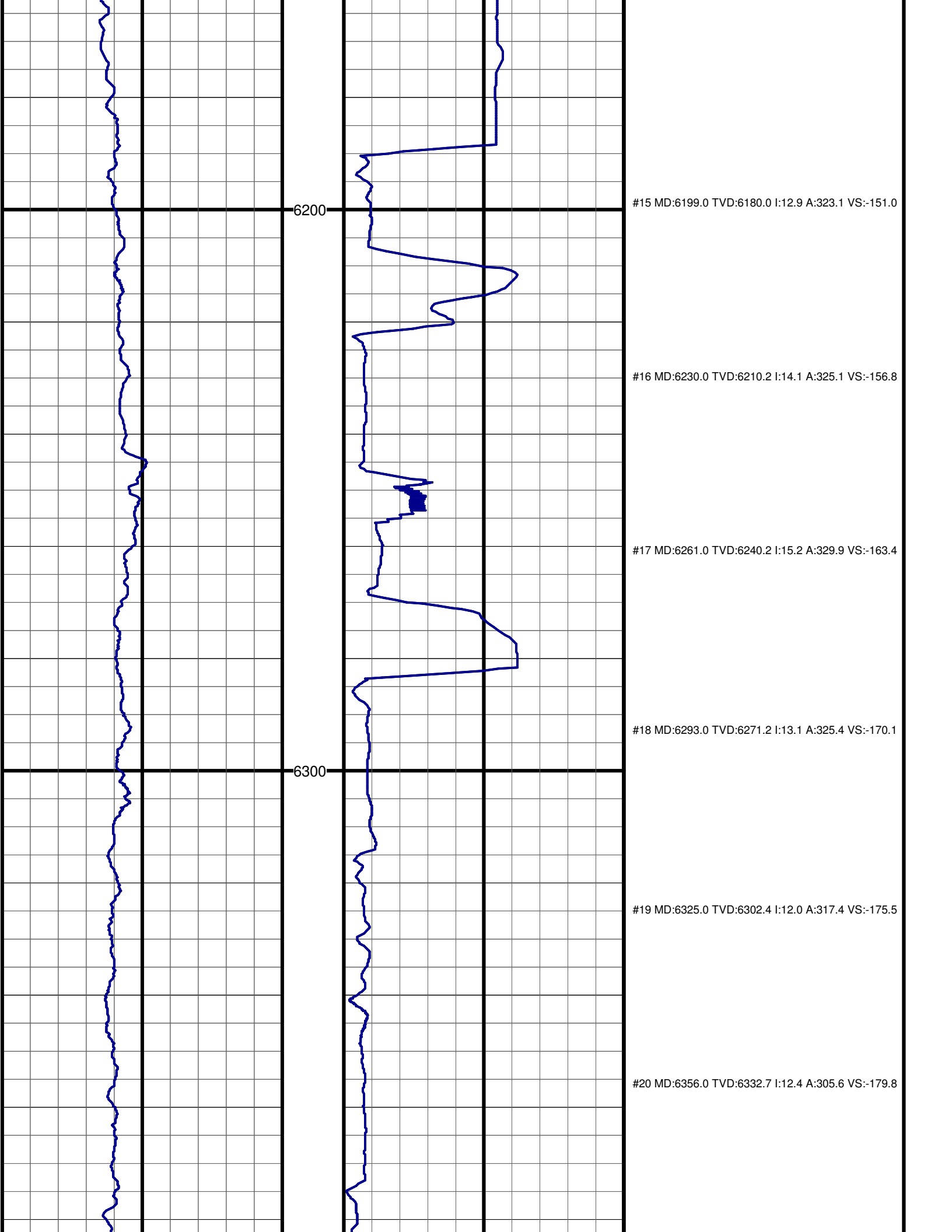
6100

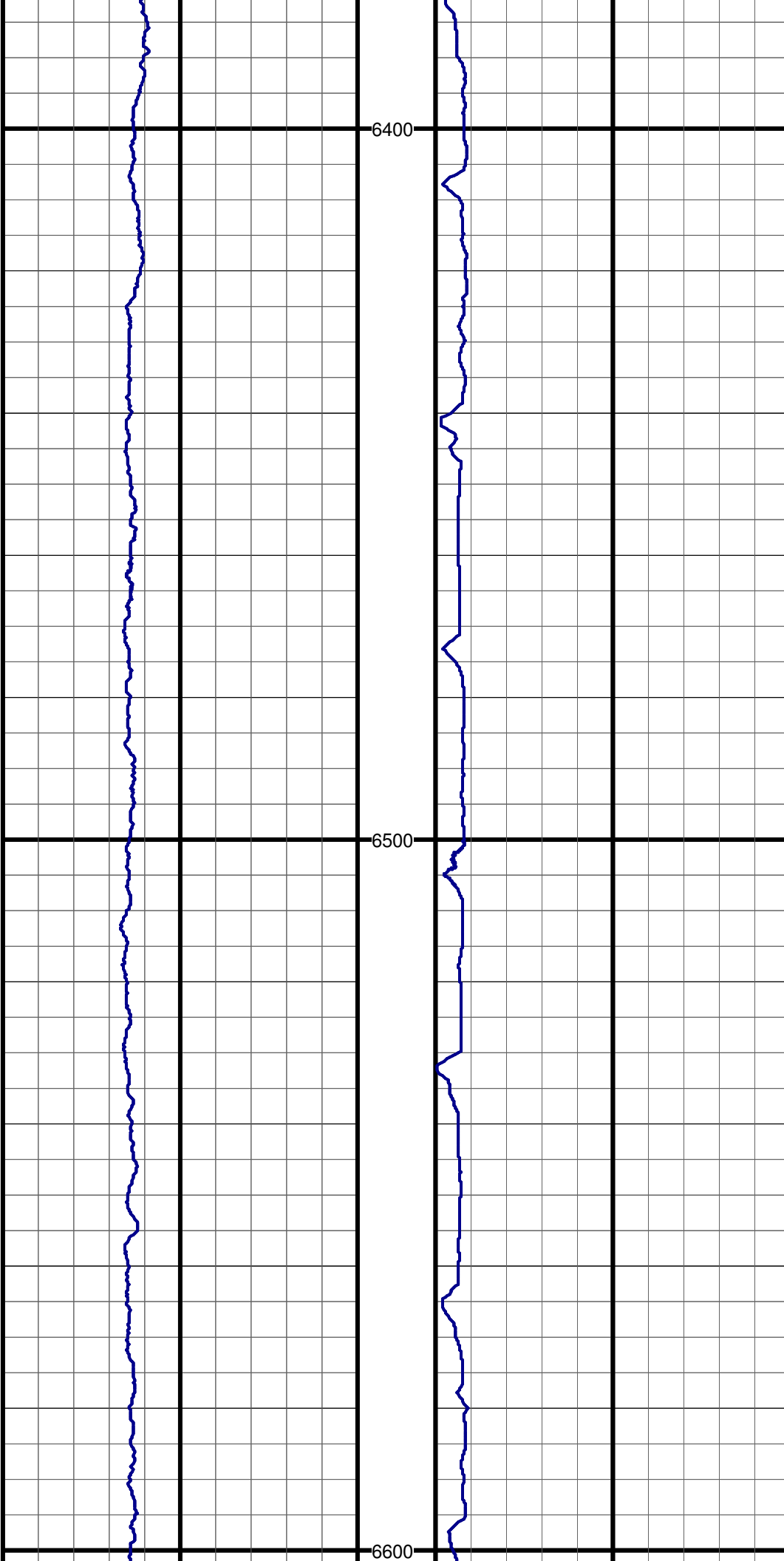
#13 MD:6071.0 TVD:6055.8 I:14.2 A:322.3 VS:-126.3



#14 MD:6135.0 TVD:6117.8 I:14.3 A:323.9 VS:-138.9







#21 MD:6388.0 TVD:6364.0 I:12.3 A:289.4 VS:-182.9

6400

#22 MD:6420.0 TVD:6395.2 I:12.6 A:273.1 VS:-184.3

#23 MD:6451.0 TVD:6425.4 I:14.1 A:258.7 VS:-183.7

#24 MD:6483.0 TVD:6456.3 I:16.1 A:248.9 VS:-181.3

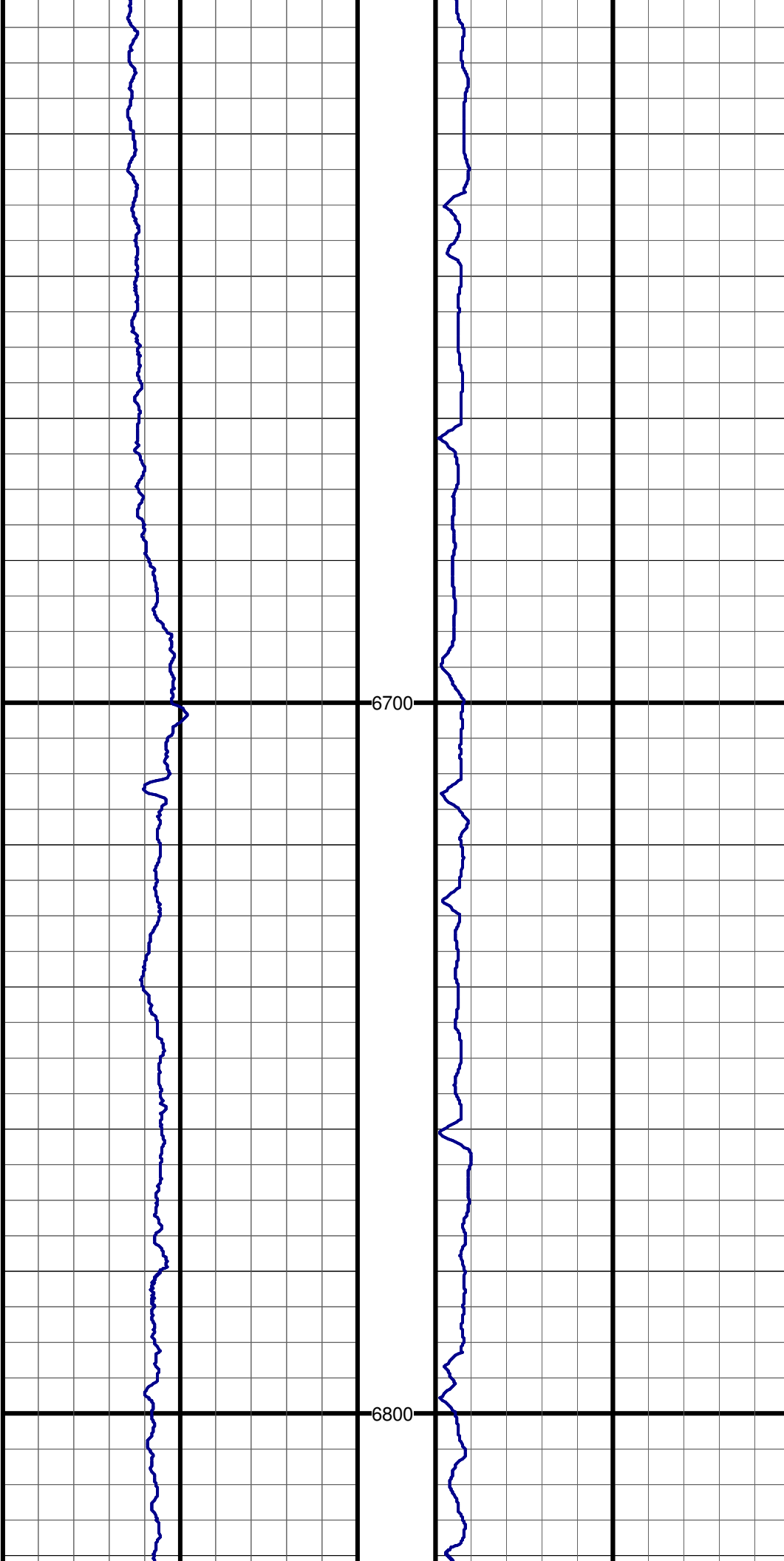
6500

#25 MD:6515.0 TVD:6487.0 I:17.5 A:239.2 VS:-177.3

#26 MD:6547.0 TVD:6517.4 I:18.4 A:227.6 VS:-171.4

#27 MD:6578.0 TVD:6546.8 I:19.2 A:215.9 VS:-164.0

6600



#28 MD:6610.0 TVD:6576.8 I:21.4 A:208.6 VS:-154.6

#29 MD:6642.0 TVD:6606.3 I:24.2 A:204.3 VS:-143.5

#30 MD:6673.0 TVD:6634.2 I:27.1 A:201.7 VS:-131.1

6700

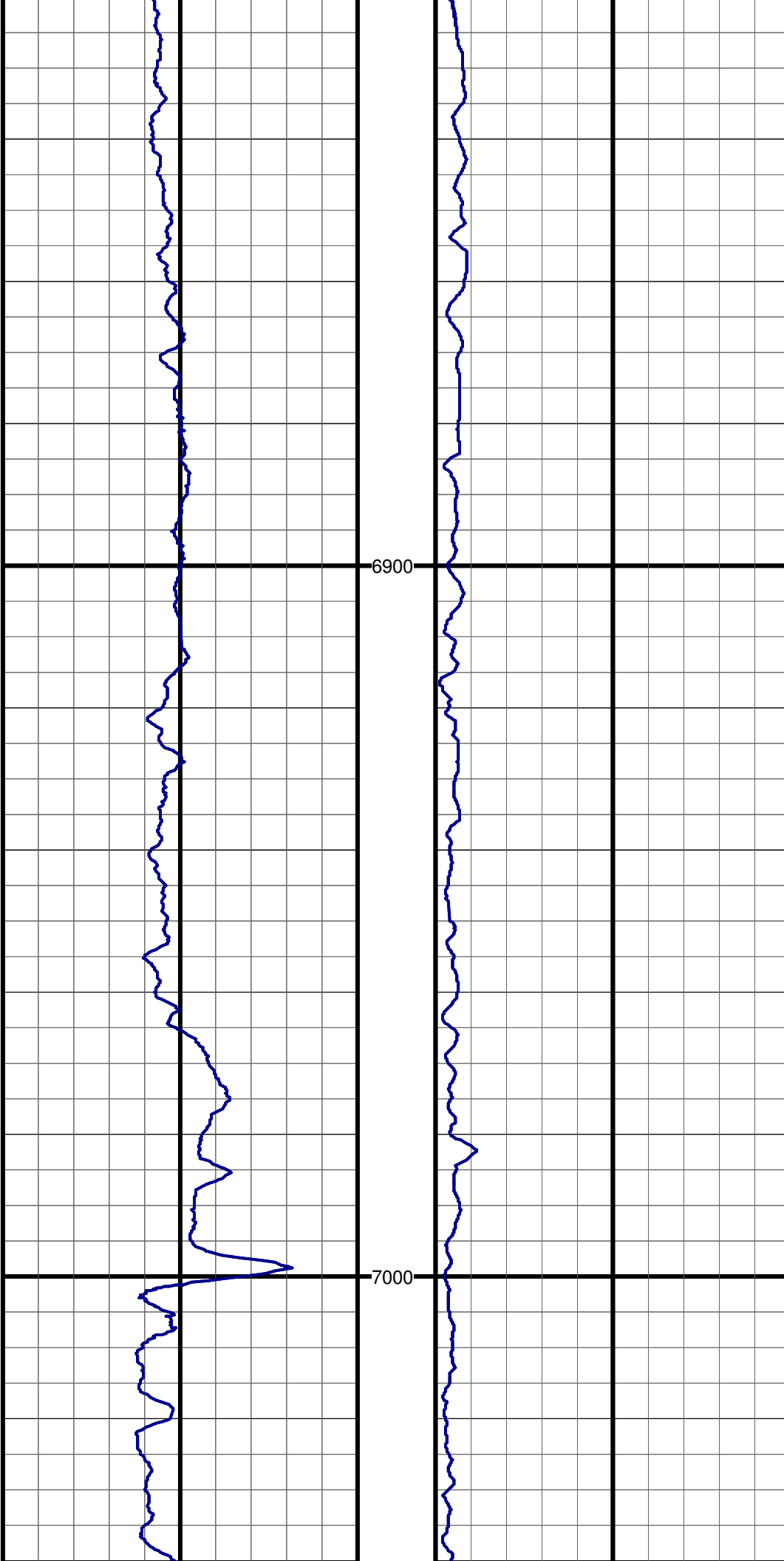
#31 MD:6705.0 TVD:6662.3 I:30.0 A:199.9 VS:-116.8

#32 MD:6737.0 TVD:6689.6 I:33.1 A:198.4 VS:-101.0

#33 MD:6768.0 TVD:6715.1 I:36.2 A:196.8 VS:-84.2

6800

#34 MD:6800.0 TVD:6740.5 I:38.5 A:194.0 VS:-65.5



#35 MD:6832.0 TVD:6765.0 I:41.9 A:191.5 VS:-45.3

#36 MD:6863.0 TVD:6787.5 I:45.0 A:188.7 VS:-24.4

#37 MD:6895.0 TVD:6809.6 I:47.6 A:186.5 VS:-1.4

6900

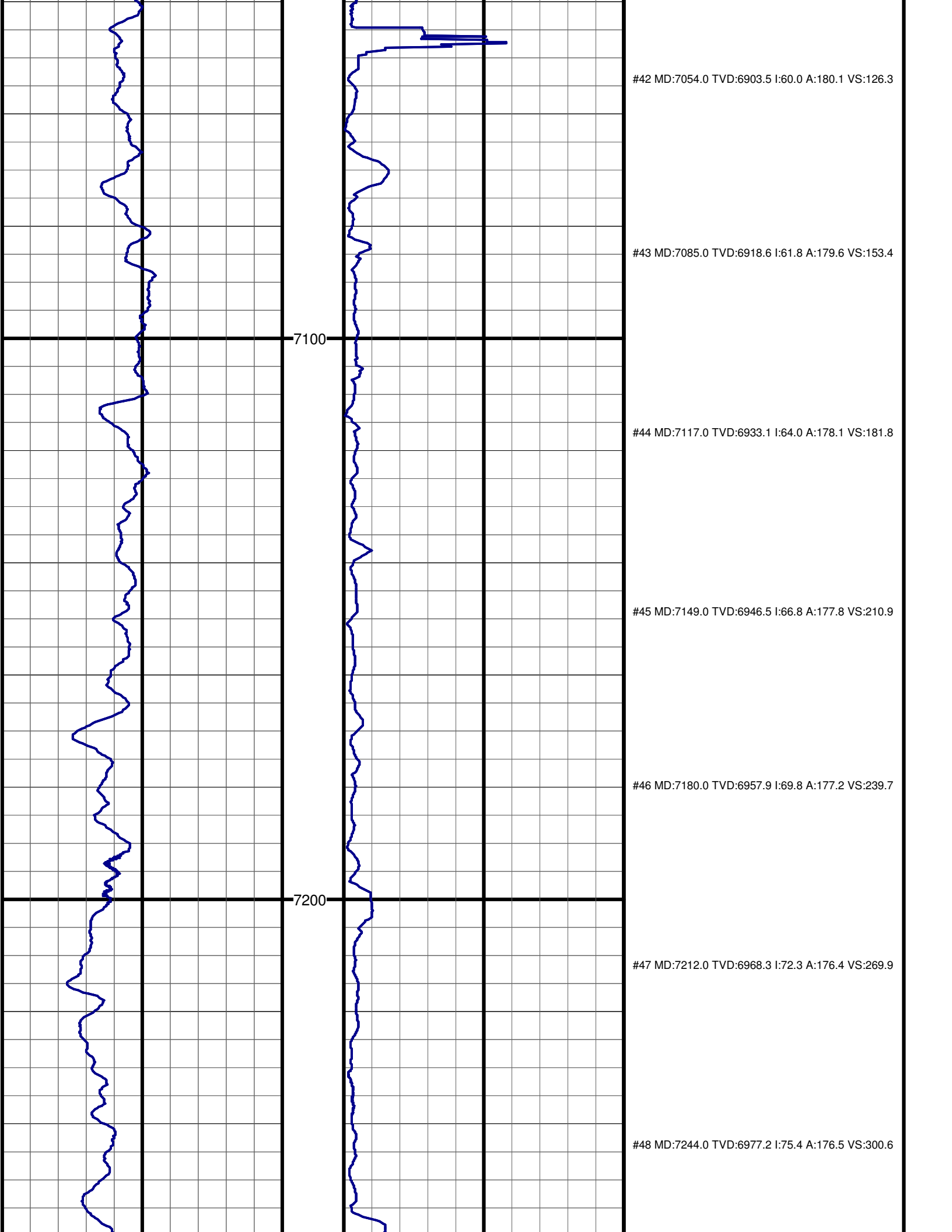
#38 MD:6927.0 TVD:6830.7 I:49.9 A:184.6 VS:22.5

#39 MD:6958.0 TVD:6850.2 I:52.2 A:182.9 VS:46.6

#40 MD:6990.0 TVD:6869.2 I:54.9 A:181.7 VS:72.3

7000

#41 MD:7022.0 TVD:6886.9 I:57.7 A:181.4 VS:98.9



#42 MD:7054.0 TVD:6903.5 I:60.0 A:180.1 VS:126.3

#43 MD:7085.0 TVD:6918.6 I:61.8 A:179.6 VS:153.4

7100

#44 MD:7117.0 TVD:6933.1 I:64.0 A:178.1 VS:181.8

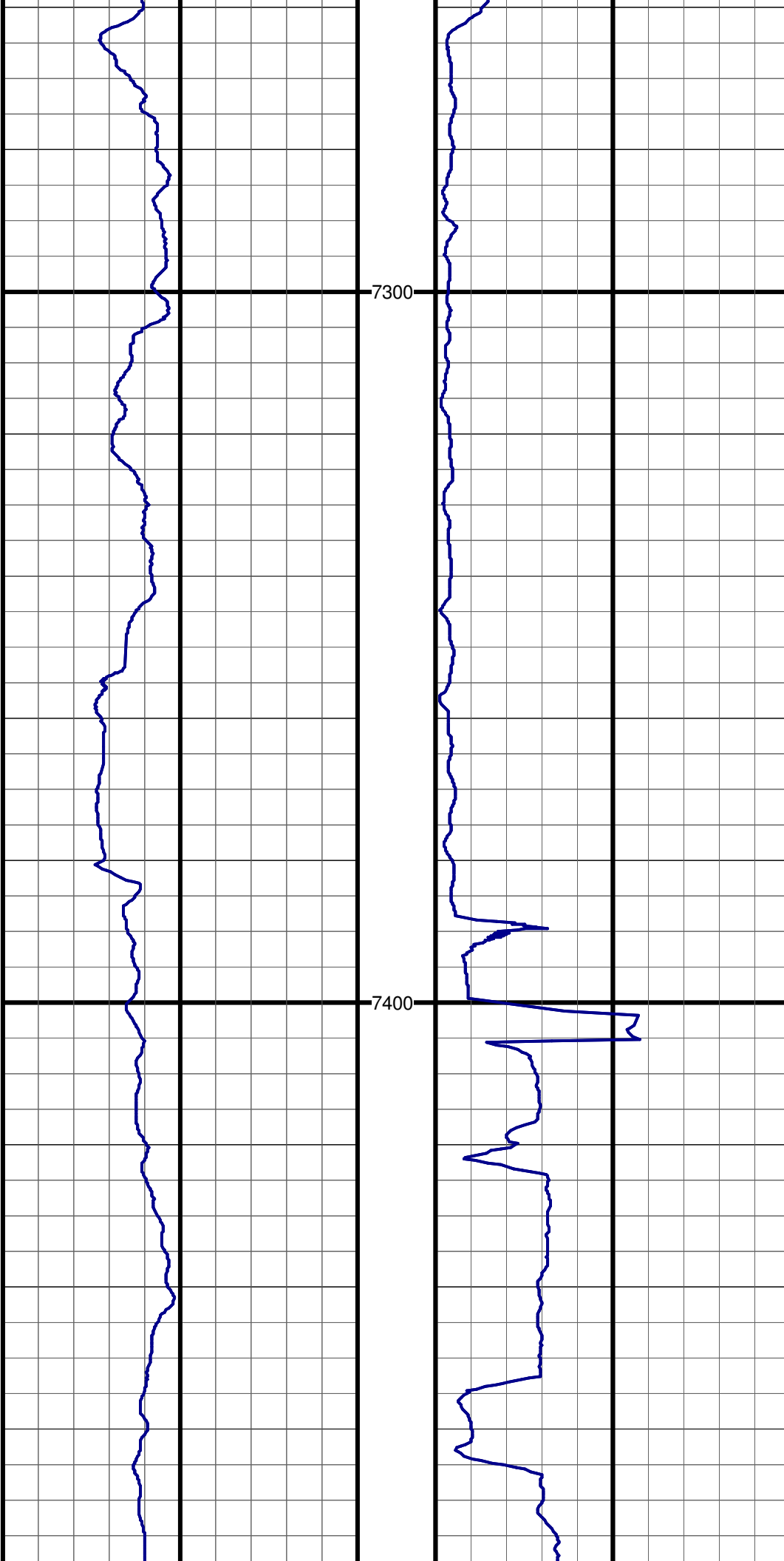
#45 MD:7149.0 TVD:6946.5 I:66.8 A:177.8 VS:210.9

#46 MD:7180.0 TVD:6957.9 I:69.8 A:177.2 VS:239.7

7200

#47 MD:7212.0 TVD:6968.3 I:72.3 A:176.4 VS:269.9

#48 MD:7244.0 TVD:6977.2 I:75.4 A:176.5 VS:300.6



#49 MD:7275.0 TVD:6984.3 I:78.0 A:176.6 VS:330.7

7300

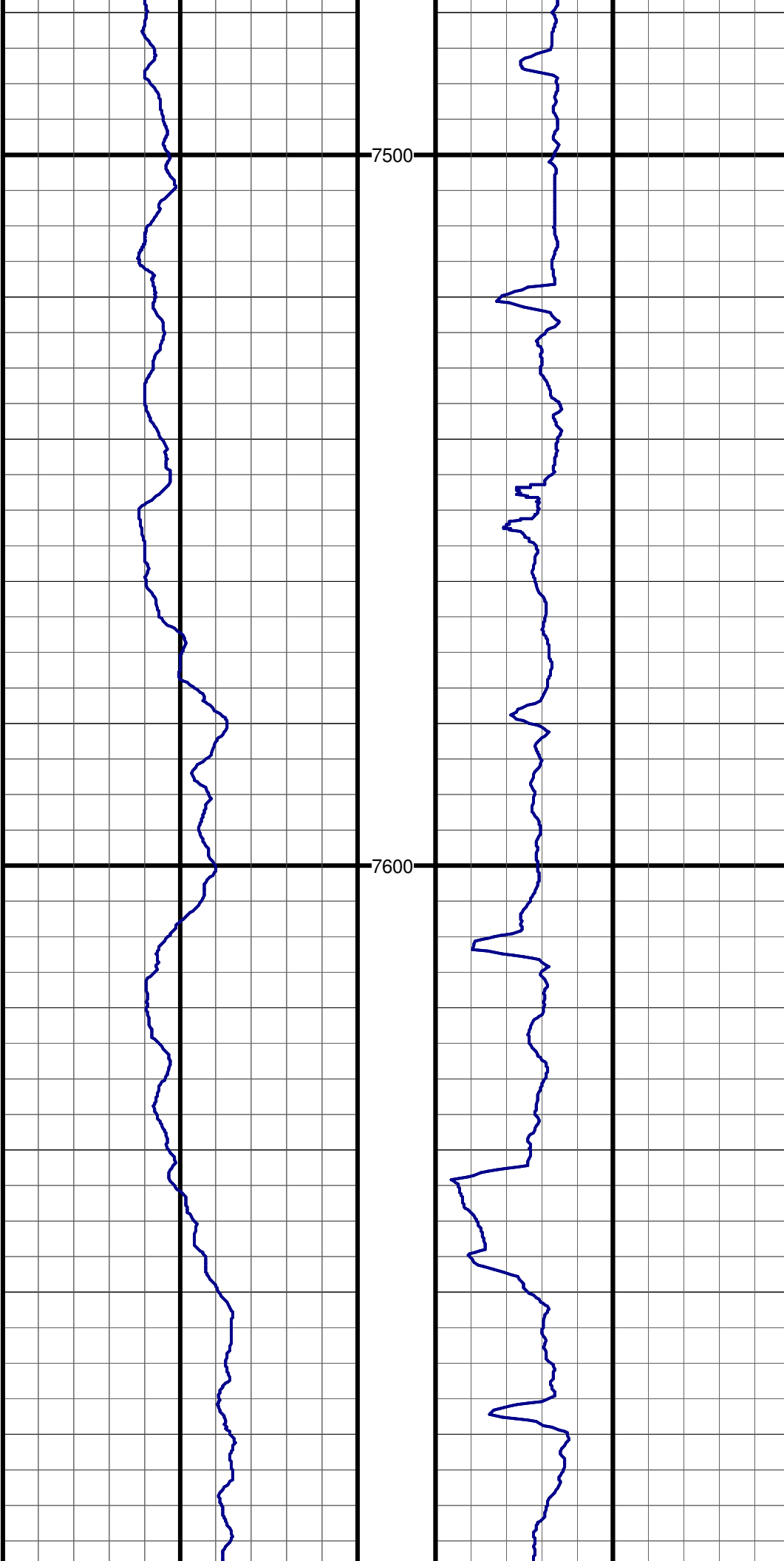
#50 MD:7307.0 TVD:6990.1 I:81.4 A:177.0 VS:362.1

#51 MD:7338.0 TVD:6993.7 I:85.1 A:177.4 VS:392.9

7400

#52 MD:7401.0 TVD:6996.1 I:90.5 A:177.7 VS:455.7

#53 MD:7464.0 TVD:6994.4 I:92.7 A:178.4 VS:518.7



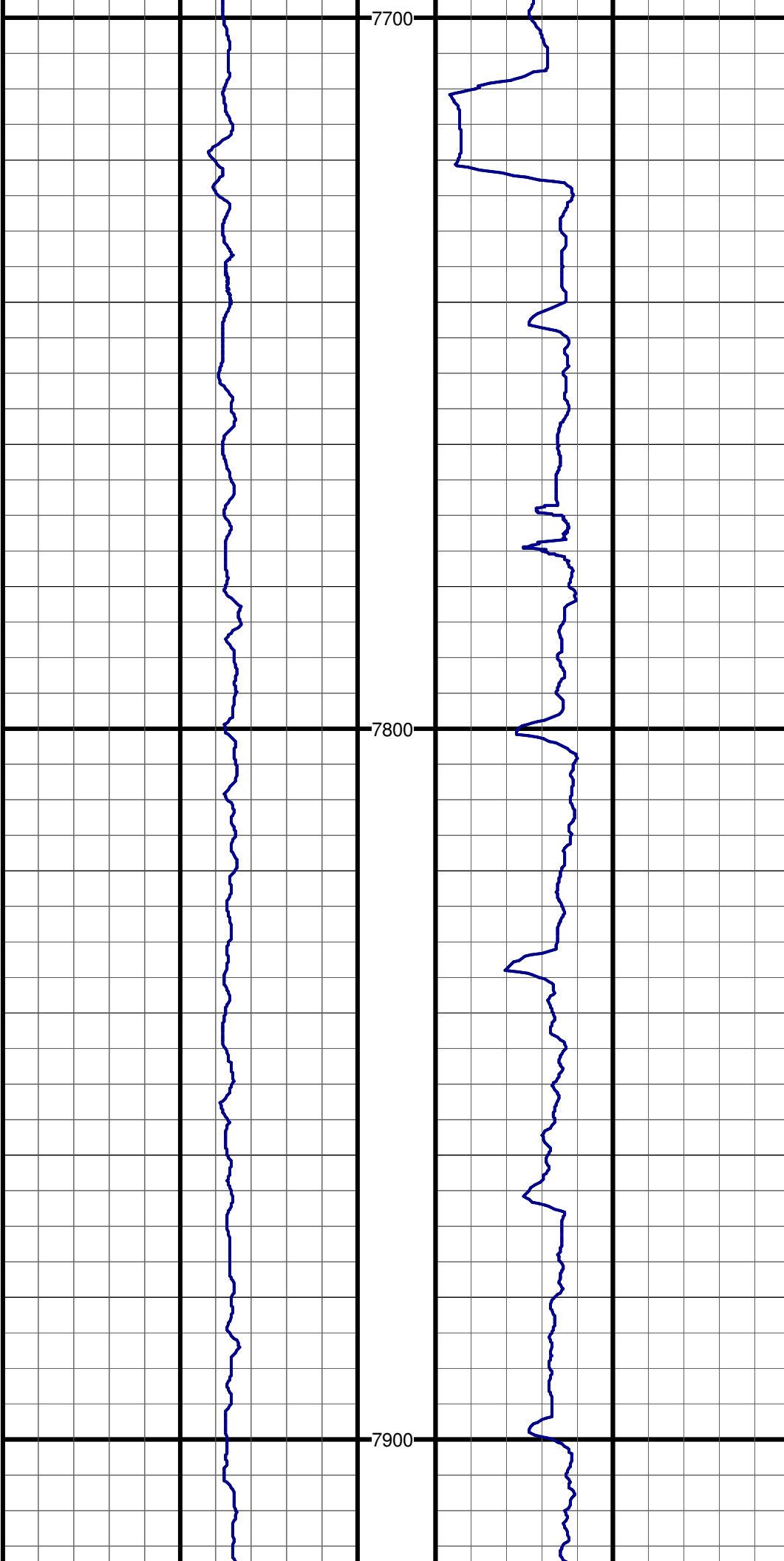
7500

#54 MD:7528.0 TVD:6991.2 I:93.0 A:177.9 VS:582.6

7600

#55 MD:7591.0 TVD:6987.8 I:93.1 A:177.6 VS:645.4

#56 MD:7655.0 TVD:6985.1 I:91.8 A:177.0 VS:709.3

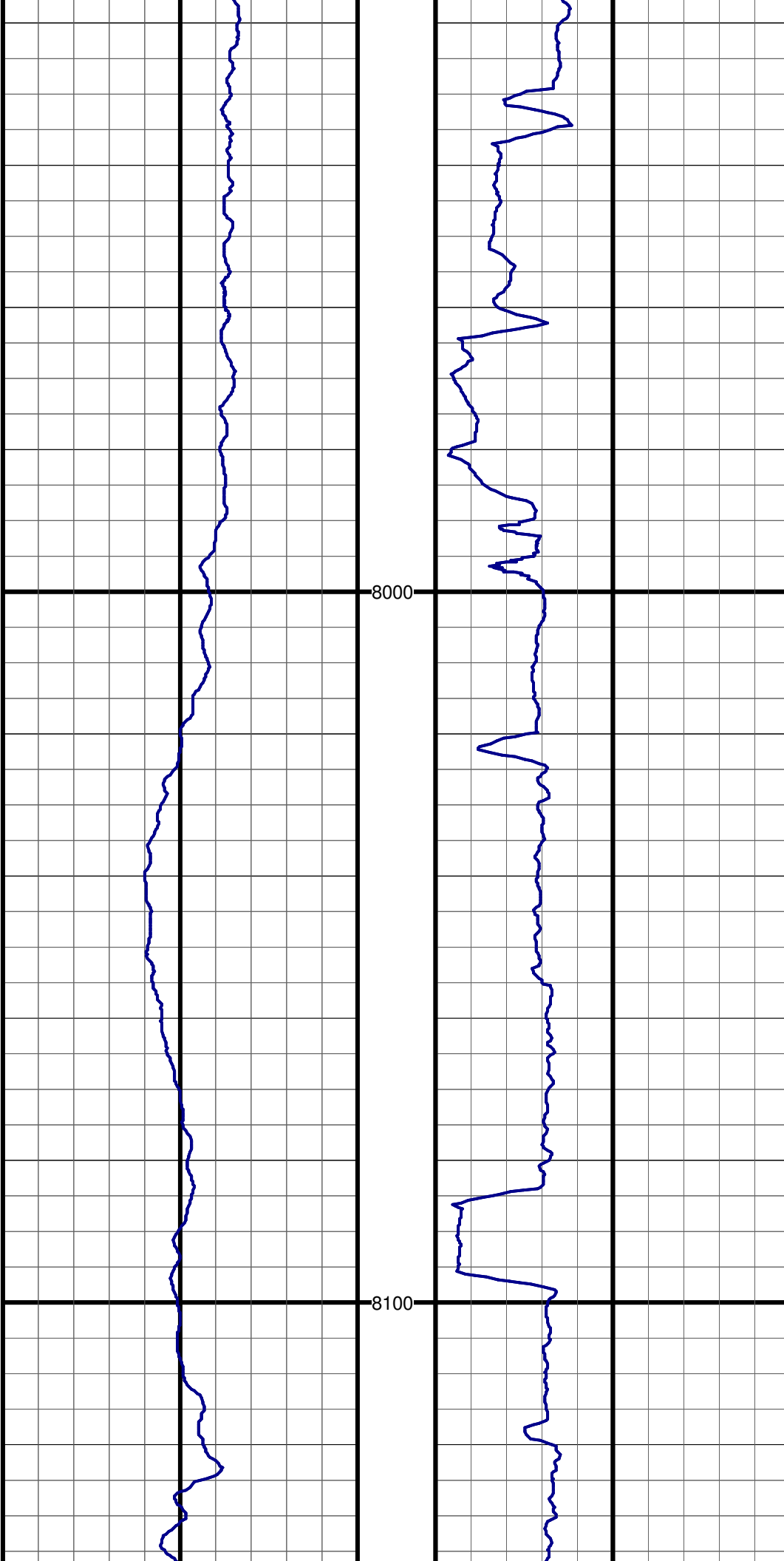


#57 MD:7718.0 TVD:6983.9 I:90.4 A:176.8 VS:772.2

#58 MD:7782.0 TVD:6984.0 I:89.4 A:175.1 VS:836.0

#59 MD:7845.0 TVD:6984.7 I:89.4 A:175.4 VS:898.8

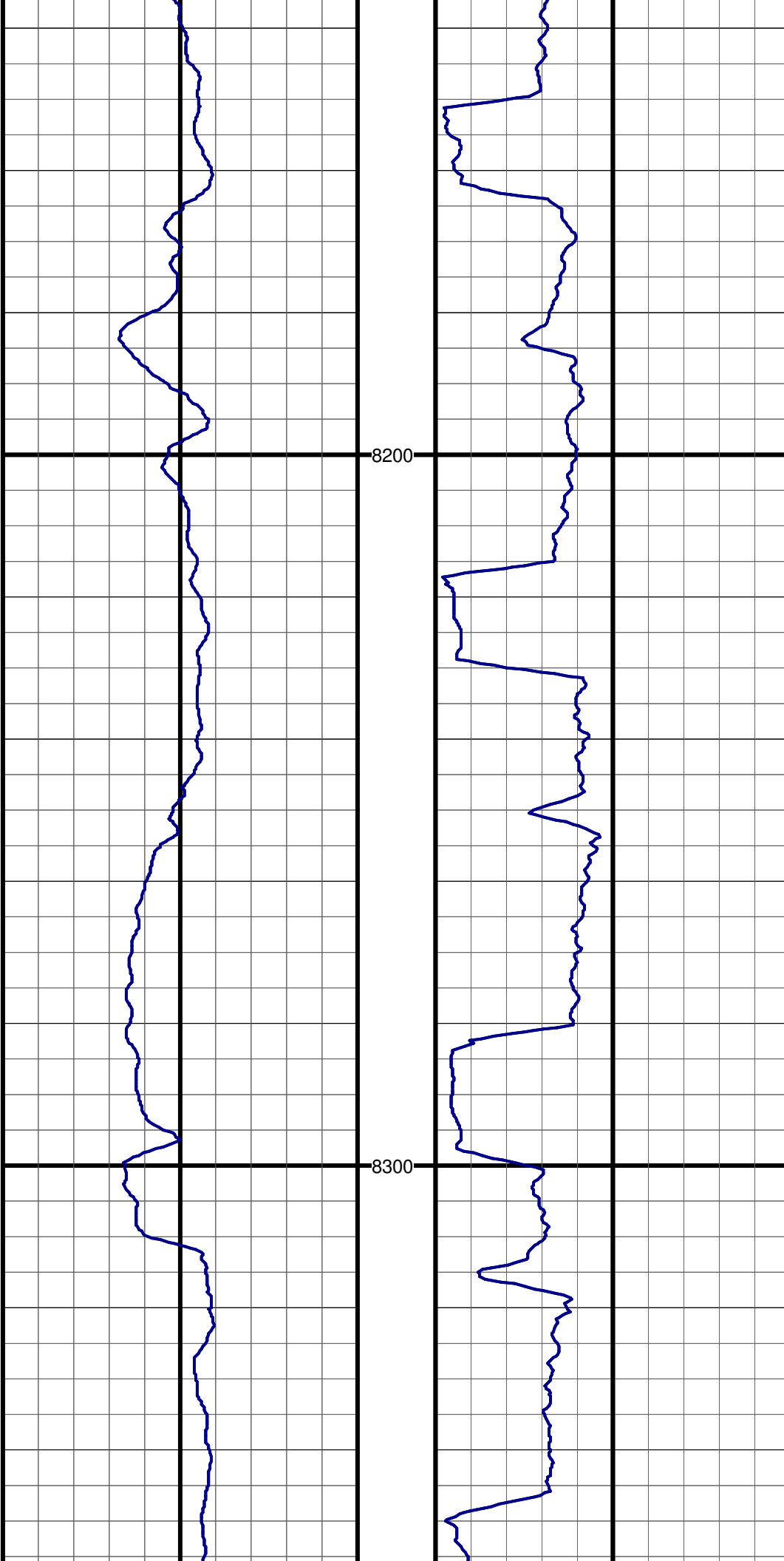
#60 MD:7908.0 TVD:6985.4 I:89.3 A:175.7 VS:961.6



#61 MD:7972.0 TVD:6985.5 I:90.5 A:175.2 VS:1025.4

#62 MD:8035.0 TVD:6985.0 I:90.4 A:174.4 VS:1088.1

#63 MD:8099.0 TVD:6984.6 I:90.3 A:175.3 VS:1151.9

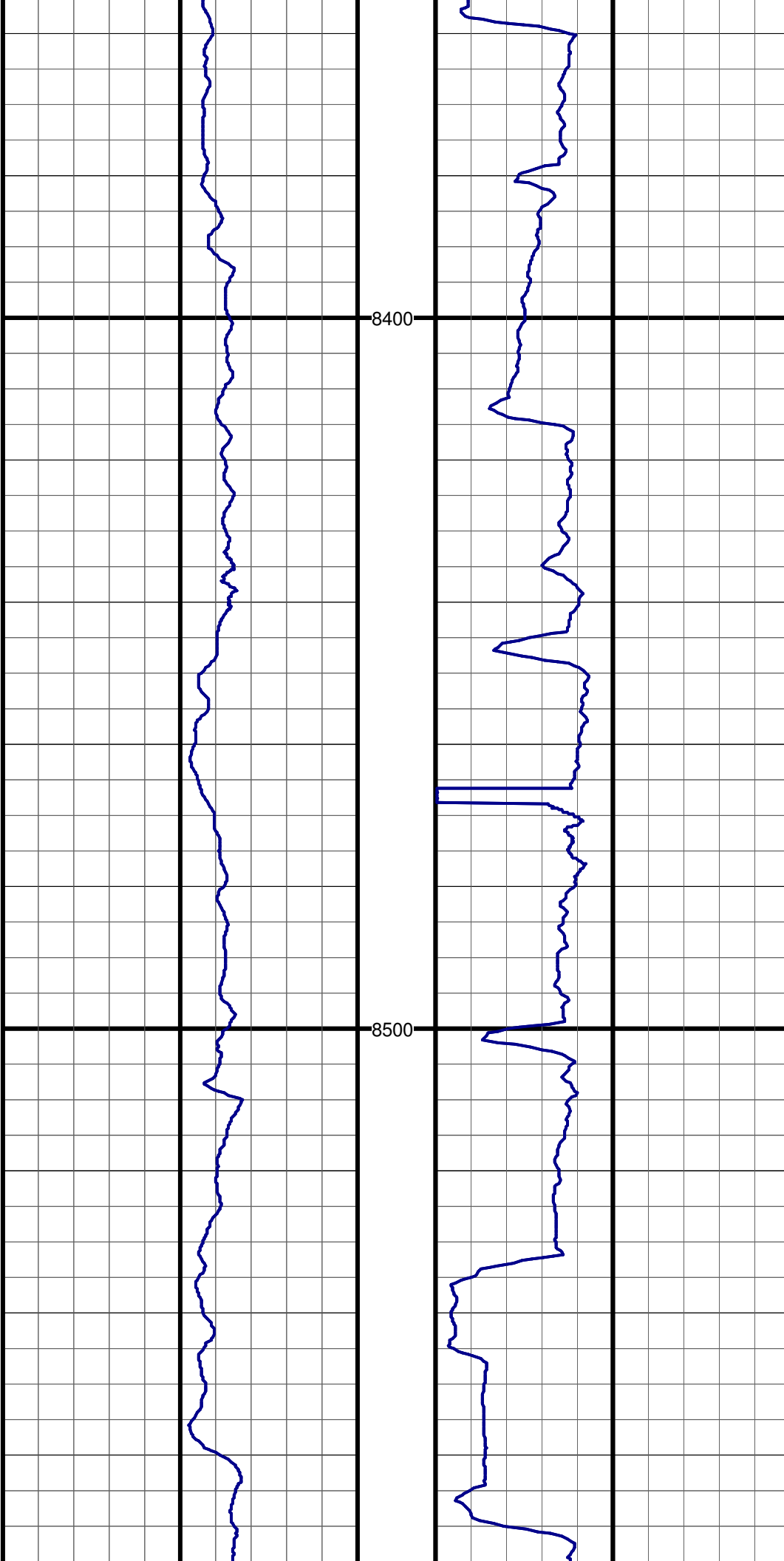


#64 MD:8162.0 TVD:6984.0 I:90.7 A:176.2 VS:1214.7

#65 MD:8226.0 TVD:6983.1 I:91.0 A:177.2 VS:1278.6

#66 MD:8289.0 TVD:6982.4 I:90.2 A:178.8 VS:1341.5

#67 MD:8352.0 TVD:6982.3 I:90.0 A:180.1 VS:1404.5



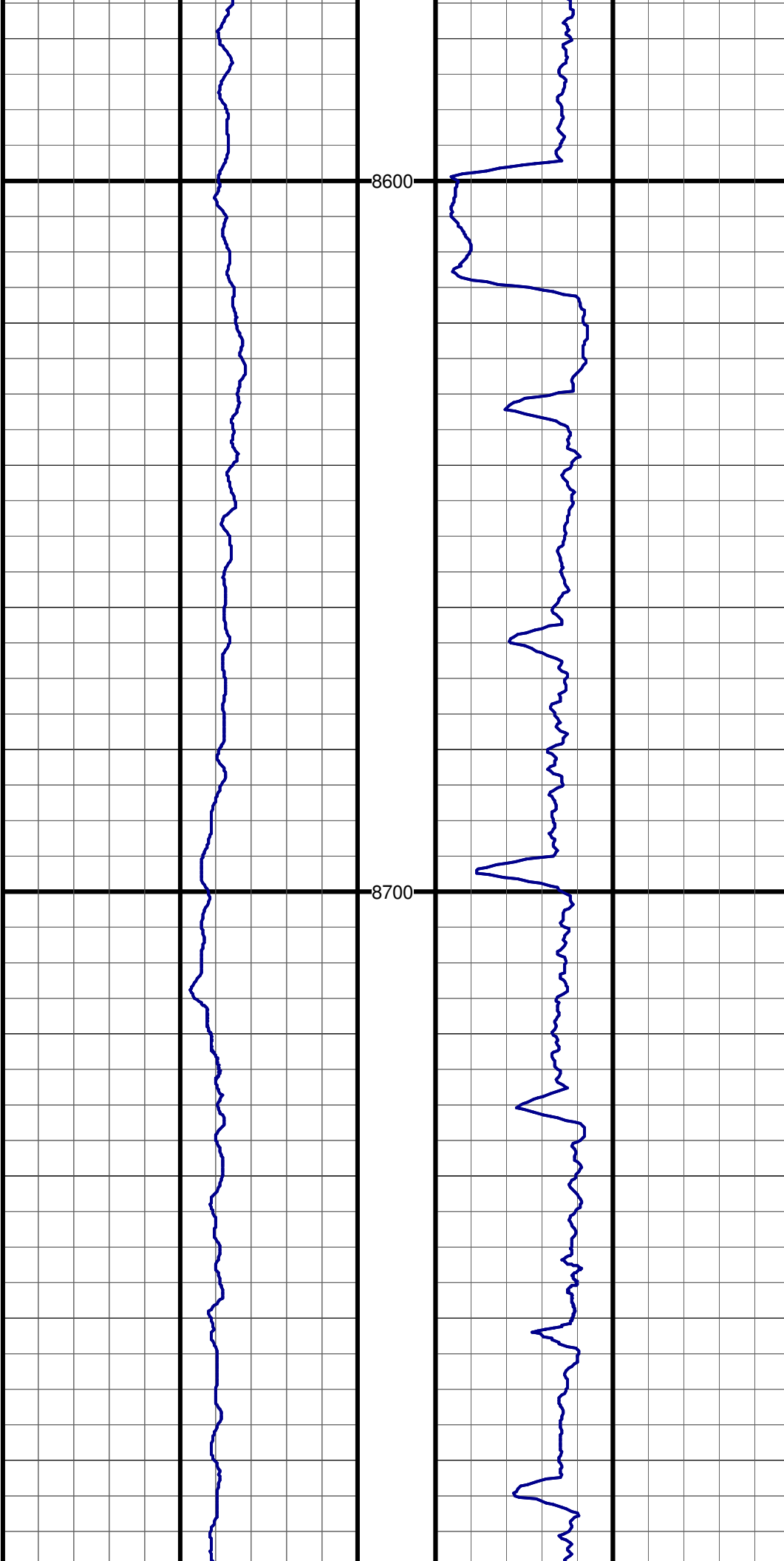
8400

#68 MD:8416.0 TVD:6982.3 I:90.0 A:179.6 VS:1468.5

#69 MD:8479.0 TVD:6982.7 I:89.4 A:179.5 VS:1531.5

8500

#70 MD:8543.0 TVD:6983.2 I:89.7 A:181.4 VS:1595.5



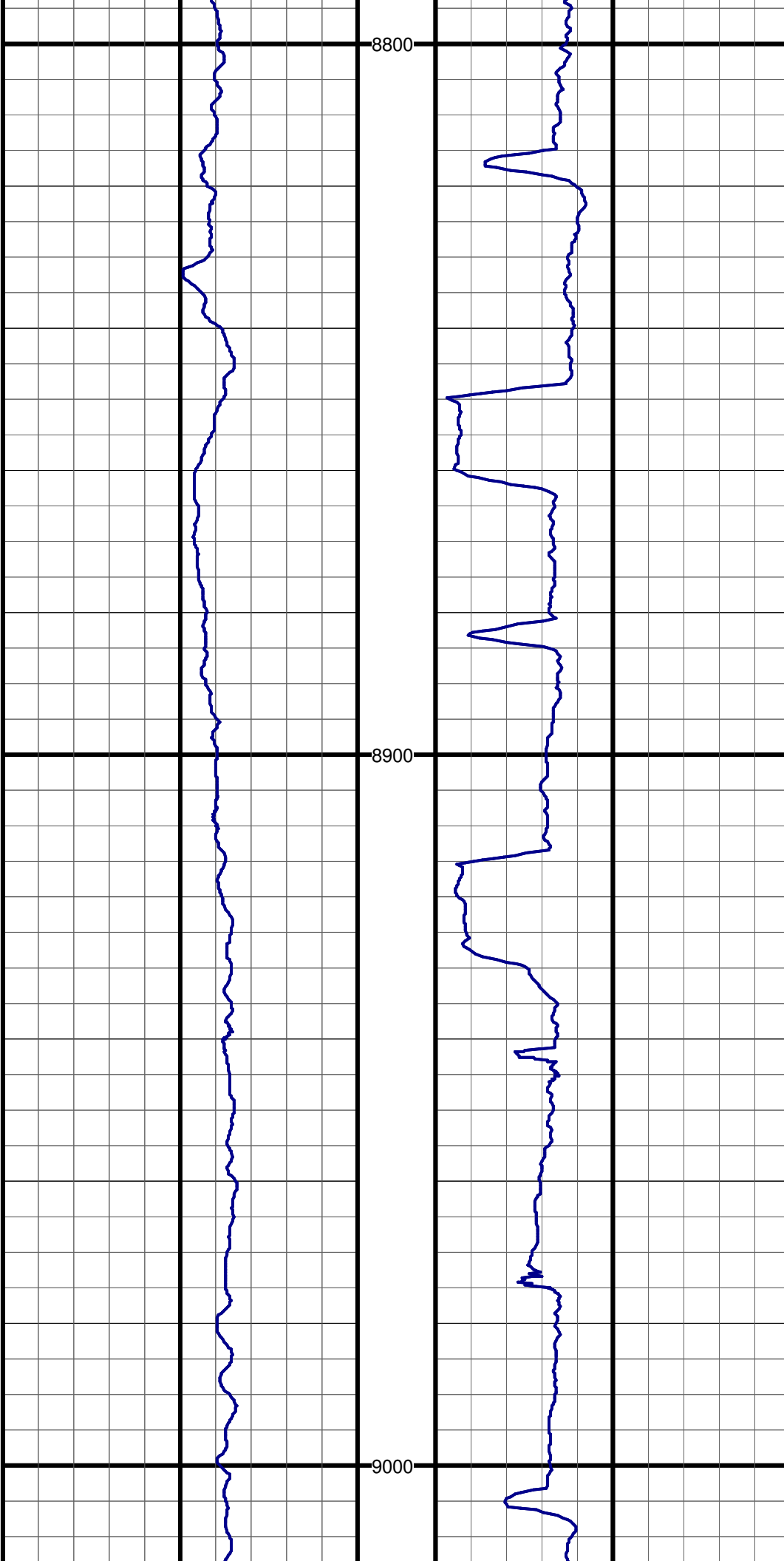
8600

#71 MD:8606.0 TVD:6982.3 I:91.8 A:181.6 VS:1658.5

#72 MD:8669.0 TVD:6980.5 I:91.5 A:180.4 VS:1721.5

8700

#73 MD:8732.0 TVD:6979.0 I:91.2 A:180.4 VS:1784.4



8800

#74 MD:8796.0 TVD:6978.3 I:90.2 A:179.3 VS:1848.4

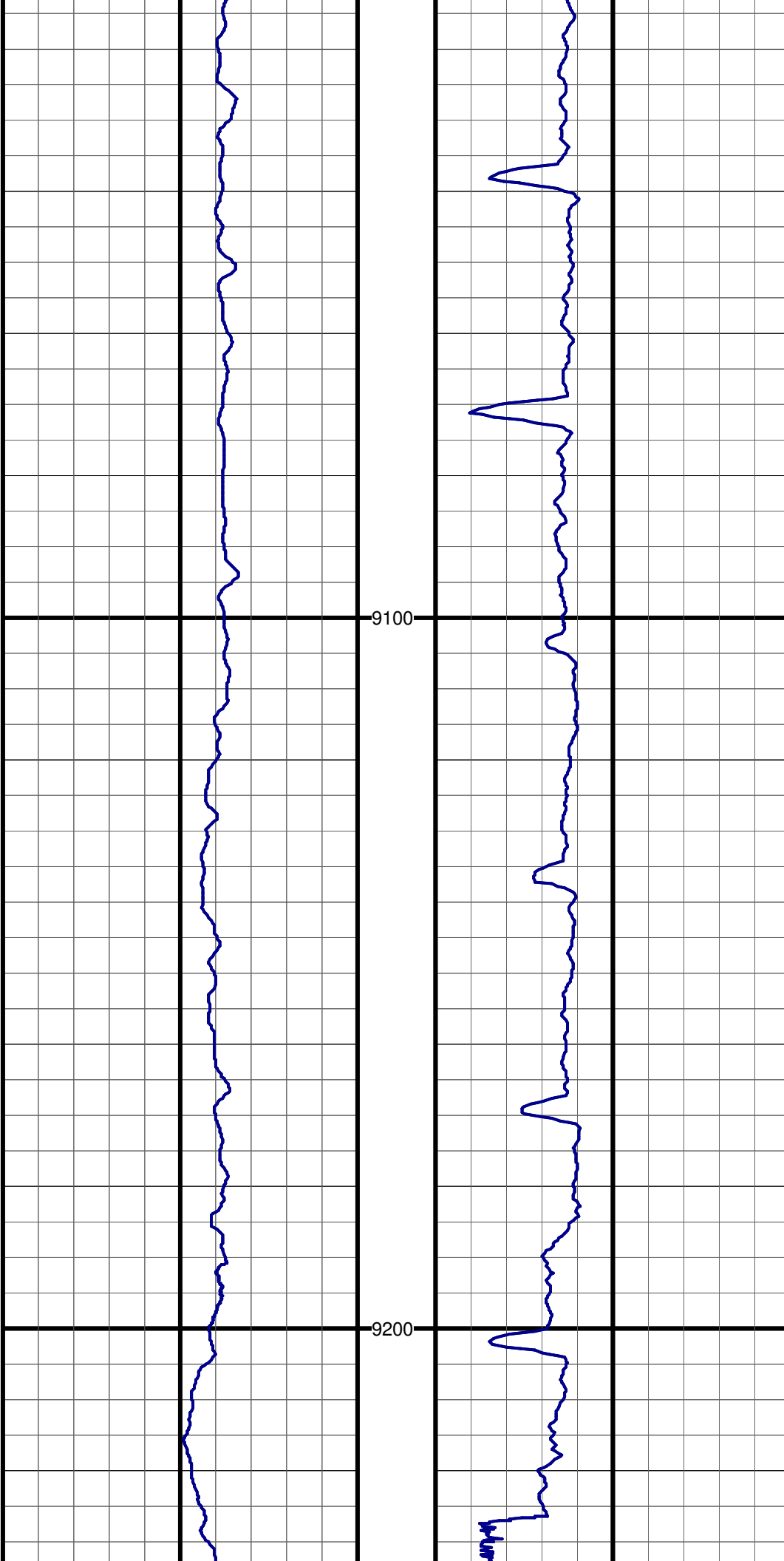
#75 MD:8859.0 TVD:6977.8 I:90.6 A:180.2 VS:1911.4

8900

#76 MD:8923.0 TVD:6976.9 I:91.1 A:181.1 VS:1975.4

9000

#77 MD:8986.0 TVD:6975.9 I:90.6 A:180.9 VS:2038.4



#78 MD:9049.0 TVD:6975.1 I:90.9 A:181.0 VS:2101.4

9100

#79 MD:9112.0 TVD:6974.4 I:90.4 A:181.0 VS:2164.4

#80 MD:9176.0 TVD:6974.5 I:89.5 A:180.7 VS:2228.4

9200

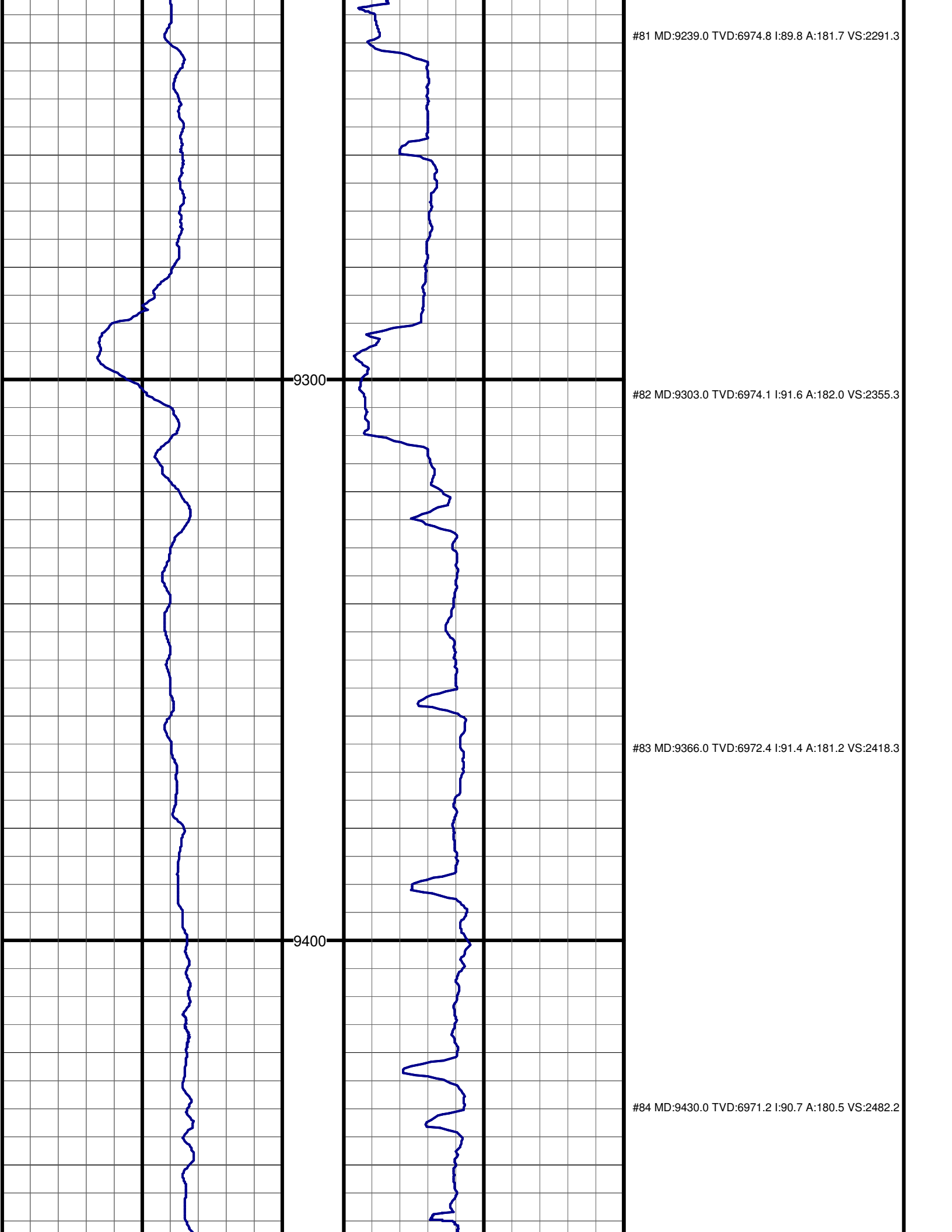
10/10/10

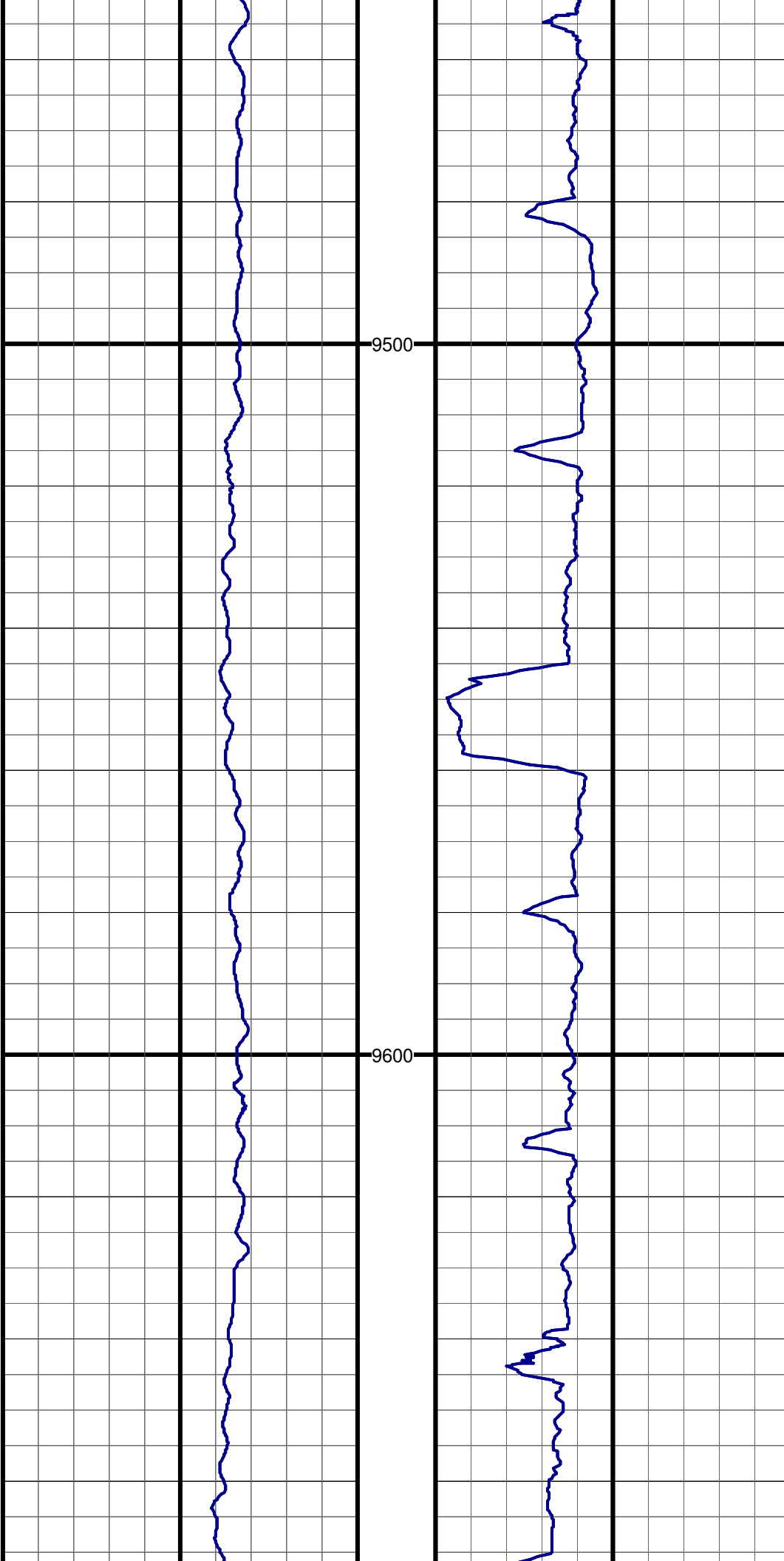
#81 MD:9239.0 TVD:6974.8 I:89.8 A:181.7 VS:2291.3

#82 MD:9303.0 TVD:6974.1 I:91.6 A:182.0 VS:2355.3

#83 MD:9366.0 TVD:6972.4 I:91.4 A:181.2 VS:2418.3

#84 MD:9430.0 TVD:6971.2 I:90.7 A:180.5 VS:2482.2





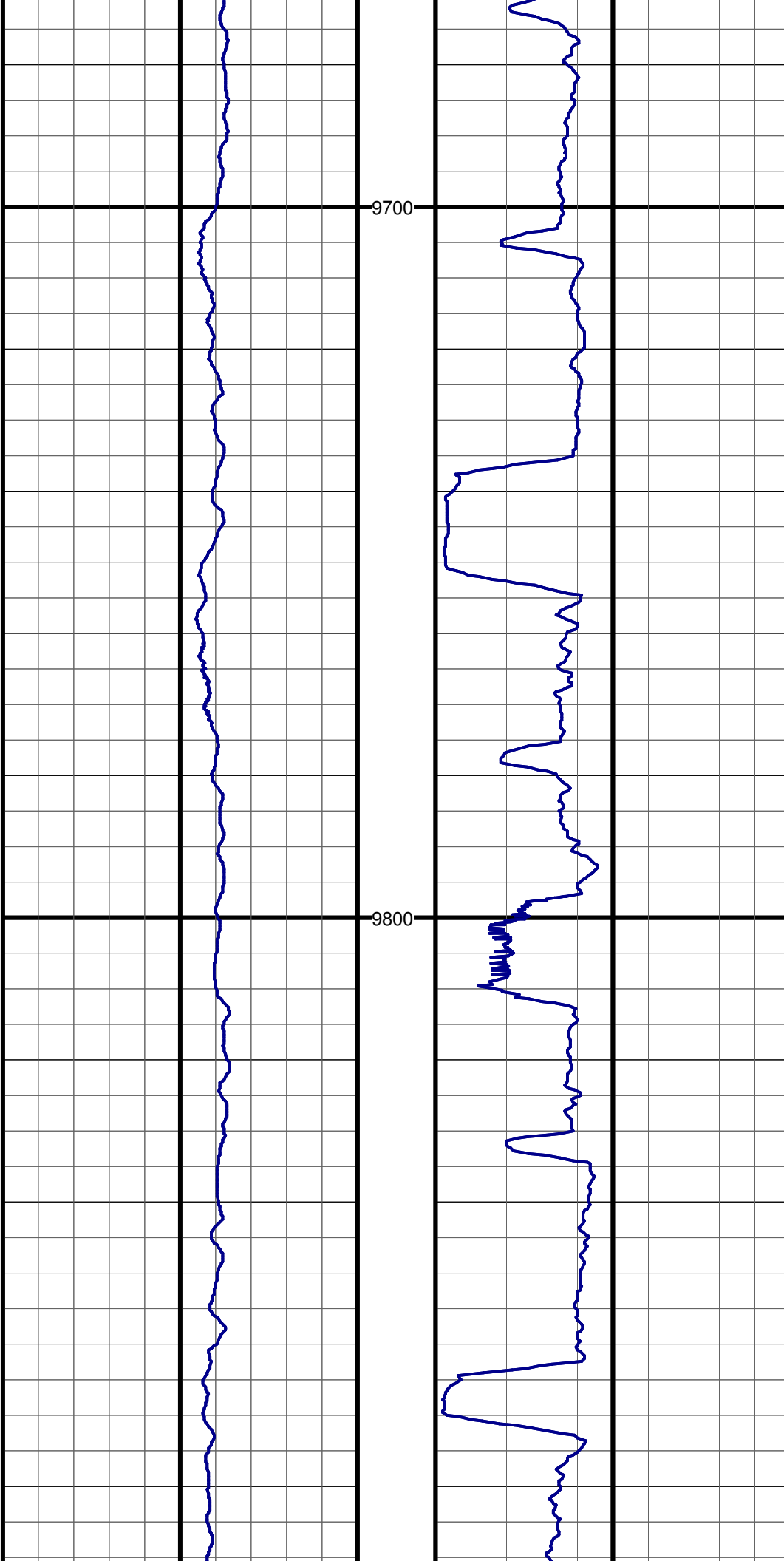
#85 MD:9493.0 TVD:6971.0 I:89.8 A:180.3 VS:2545.2

9500

#86 MD:9557.0 TVD:6970.5 I:91.1 A:179.8 VS:2609.2

9600

#87 MD:9620.0 TVD:6969.5 I:90.7 A:179.3 VS:2672.2

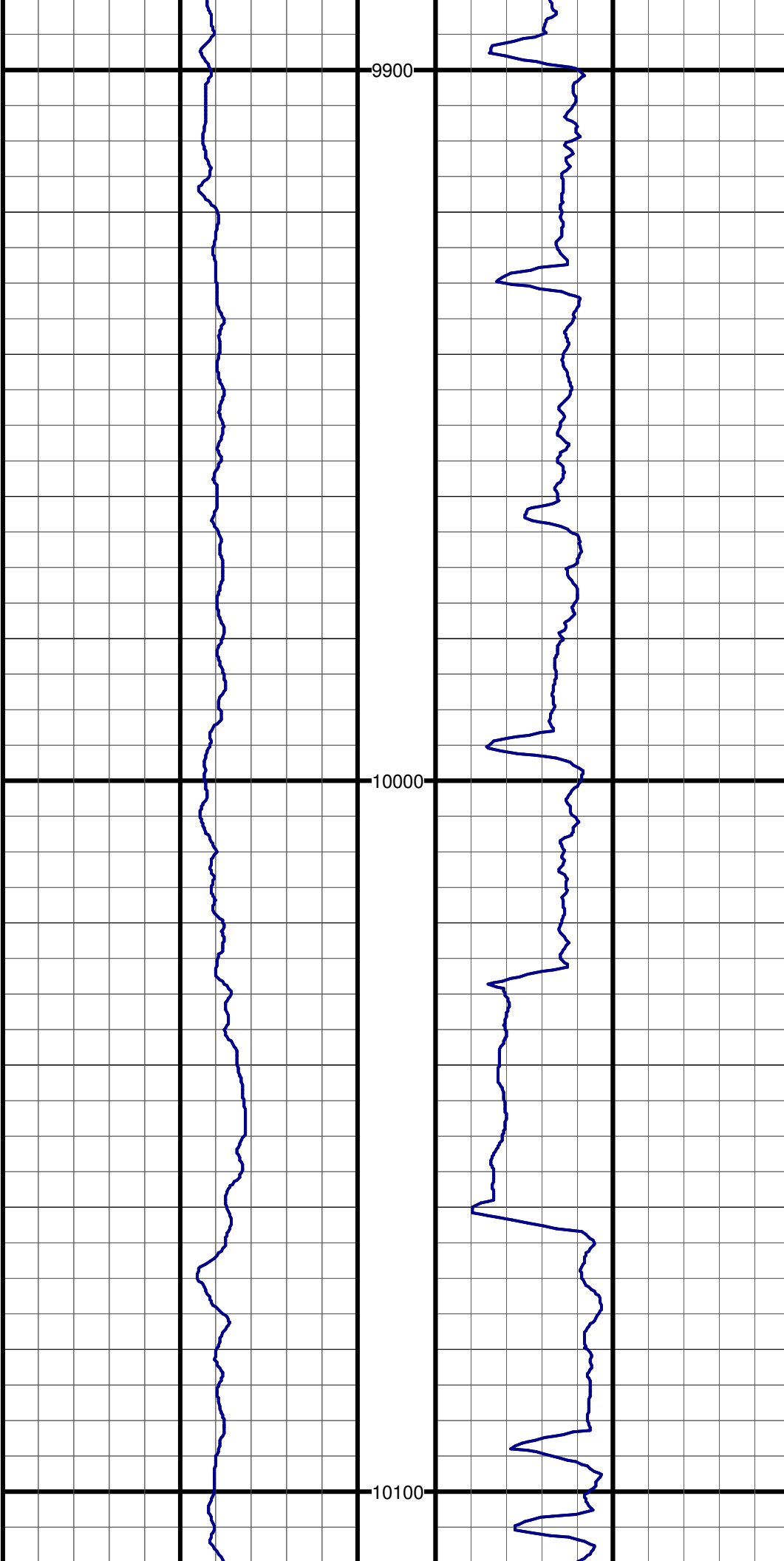


#88 MD:9683.0 TVD:6969.0 I:90.1 A:179.0 VS:2735.2

#89 MD:9747.0 TVD:6968.6 I:90.6 A:180.4 VS:2799.2

#90 MD:9810.0 TVD:6967.4 I:91.6 A:181.1 VS:2862.2

#91 MD:9873.0 TVD:6966.1 I:90.9 A:180.3 VS:2925.2



9900

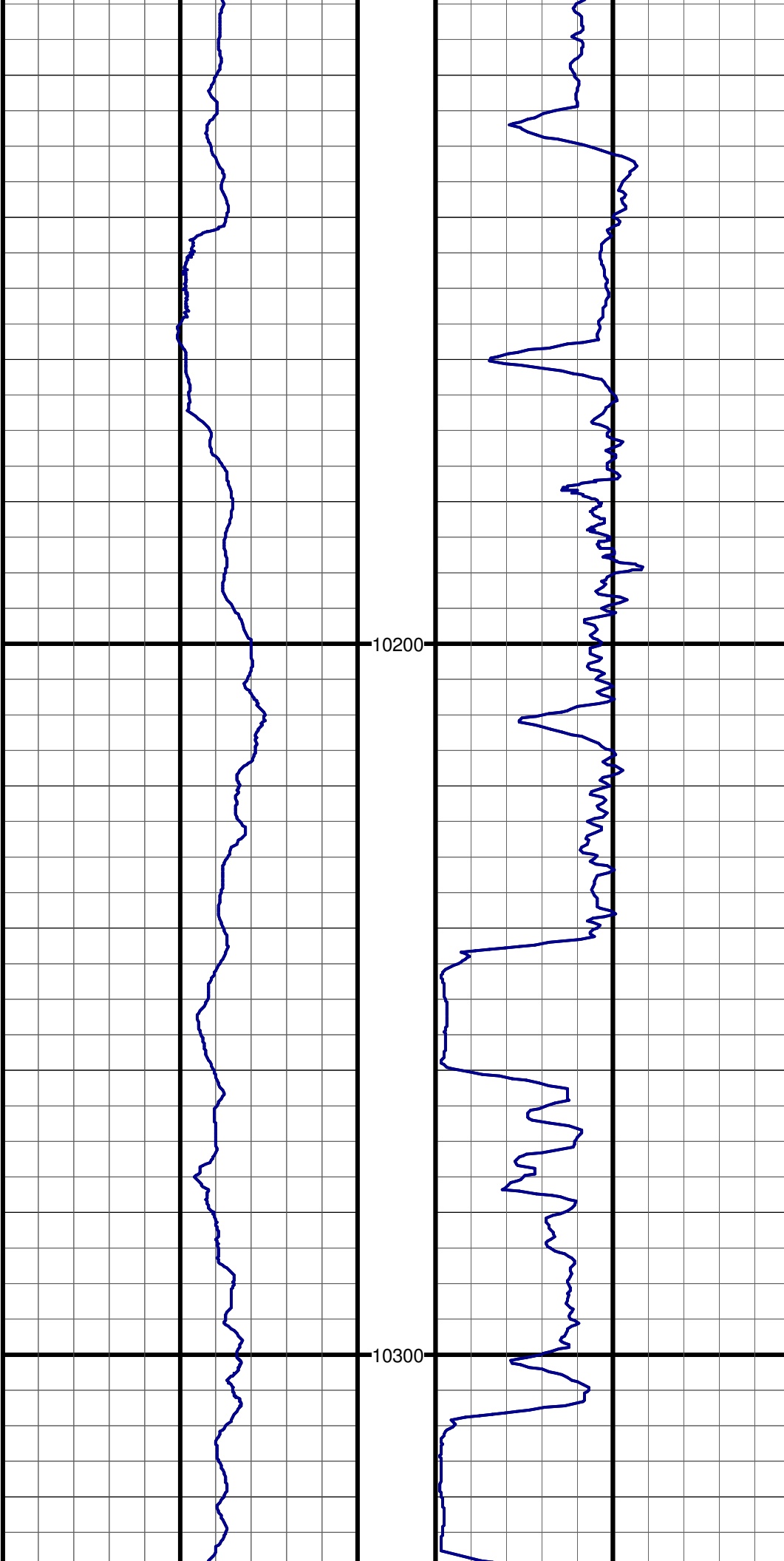
#92 MD:9937.0 TVD:6965.4 I:90.3 A:179.8 VS:2989.2

10000

#93 MD:10000.0 TVD:6965.2 I:90.1 A:179.3 VS:3052.2

#94 MD:10064.0 TVD:6965.6 I:89.1 A:179.1 VS:3116.2

10100



#95 MD:10127.0 TVD:6966.9 I:88.5 A:179.3 VS:3179.1

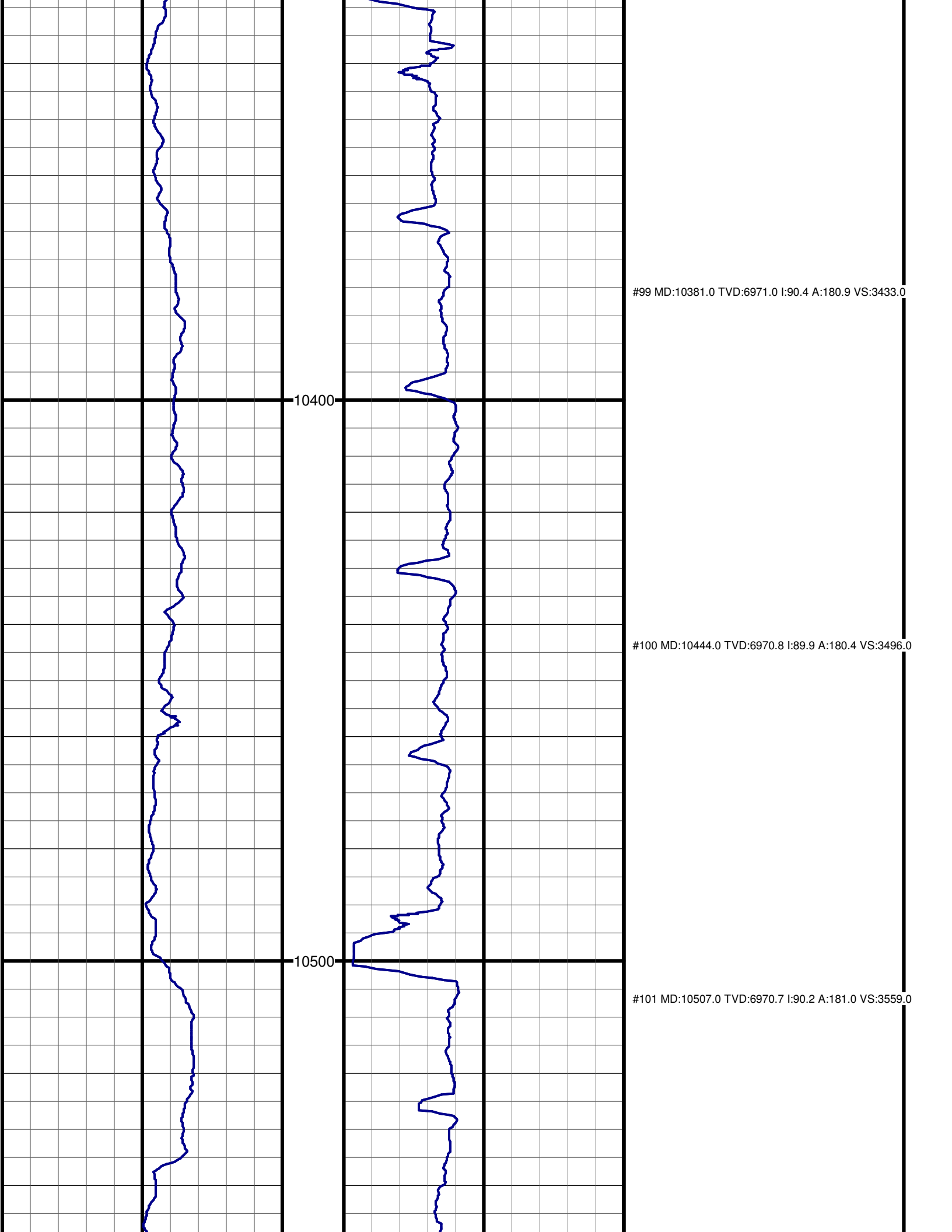
#96 MD:10190.0 TVD:6969.1 I:87.6 A:179.0 VS:3242.1

10200

#97 MD:10254.0 TVD:6971.1 I:88.8 A:180.0 VS:3306.1

10300

#98 MD:10317.0 TVD:6971.5 I:90.5 A:181.1 VS:3369.1



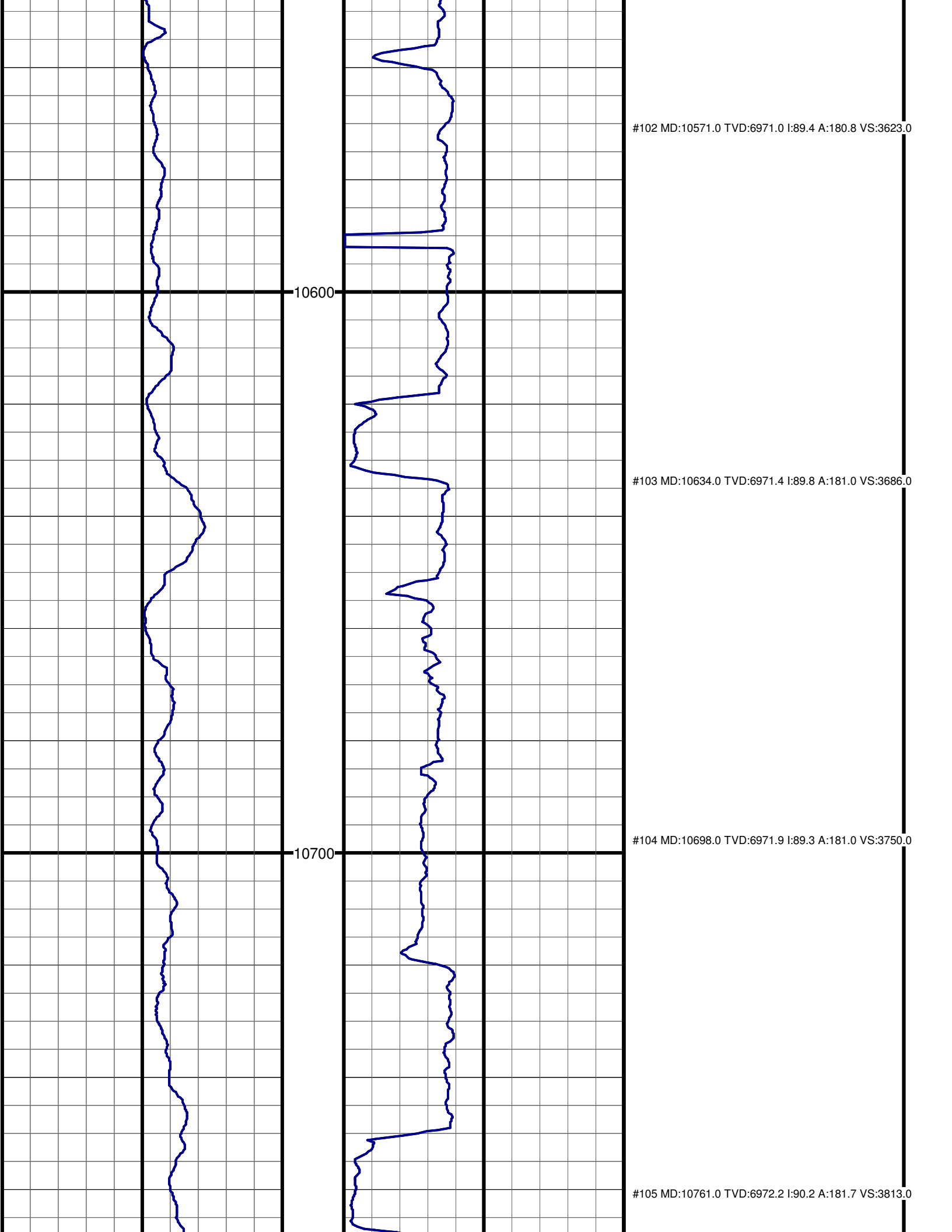
#99 MD:10381.0 TVD:6971.0 I:90.4 A:180.9 VS:3433.0

10400

#100 MD:10444.0 TVD:6970.8 I:89.9 A:180.4 VS:3496.0

10500

#101 MD:10507.0 TVD:6970.7 I:90.2 A:181.0 VS:3559.0



#102 MD:10571.0 TVD:6971.0 I:89.4 A:180.8 VS:3623.0

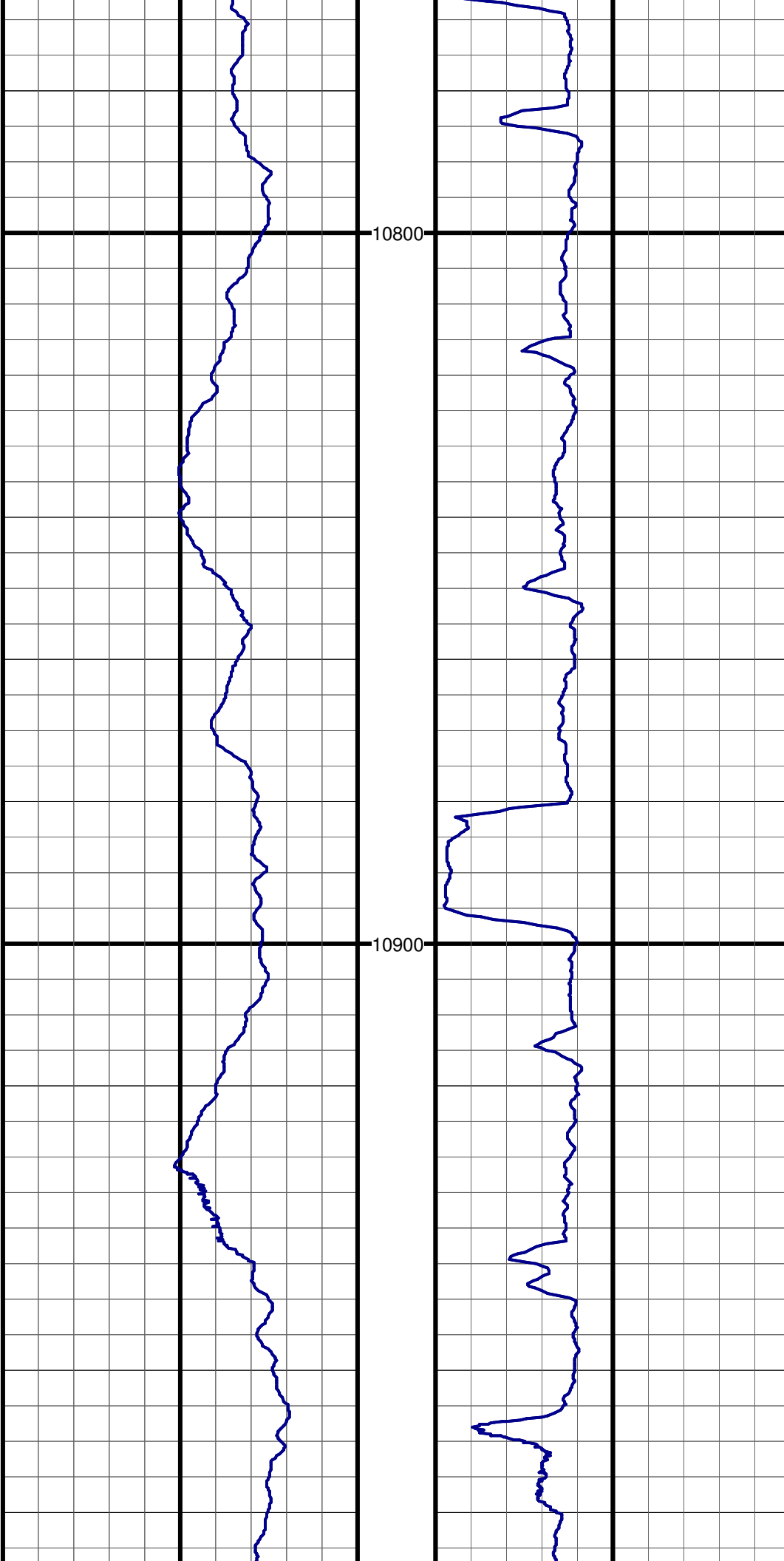
10600

#103 MD:10634.0 TVD:6971.4 I:89.8 A:181.0 VS:3686.0

10700

#104 MD:10698.0 TVD:6971.9 I:89.3 A:181.0 VS:3750.0

#105 MD:10761.0 TVD:6972.2 I:90.2 A:181.7 VS:3813.0



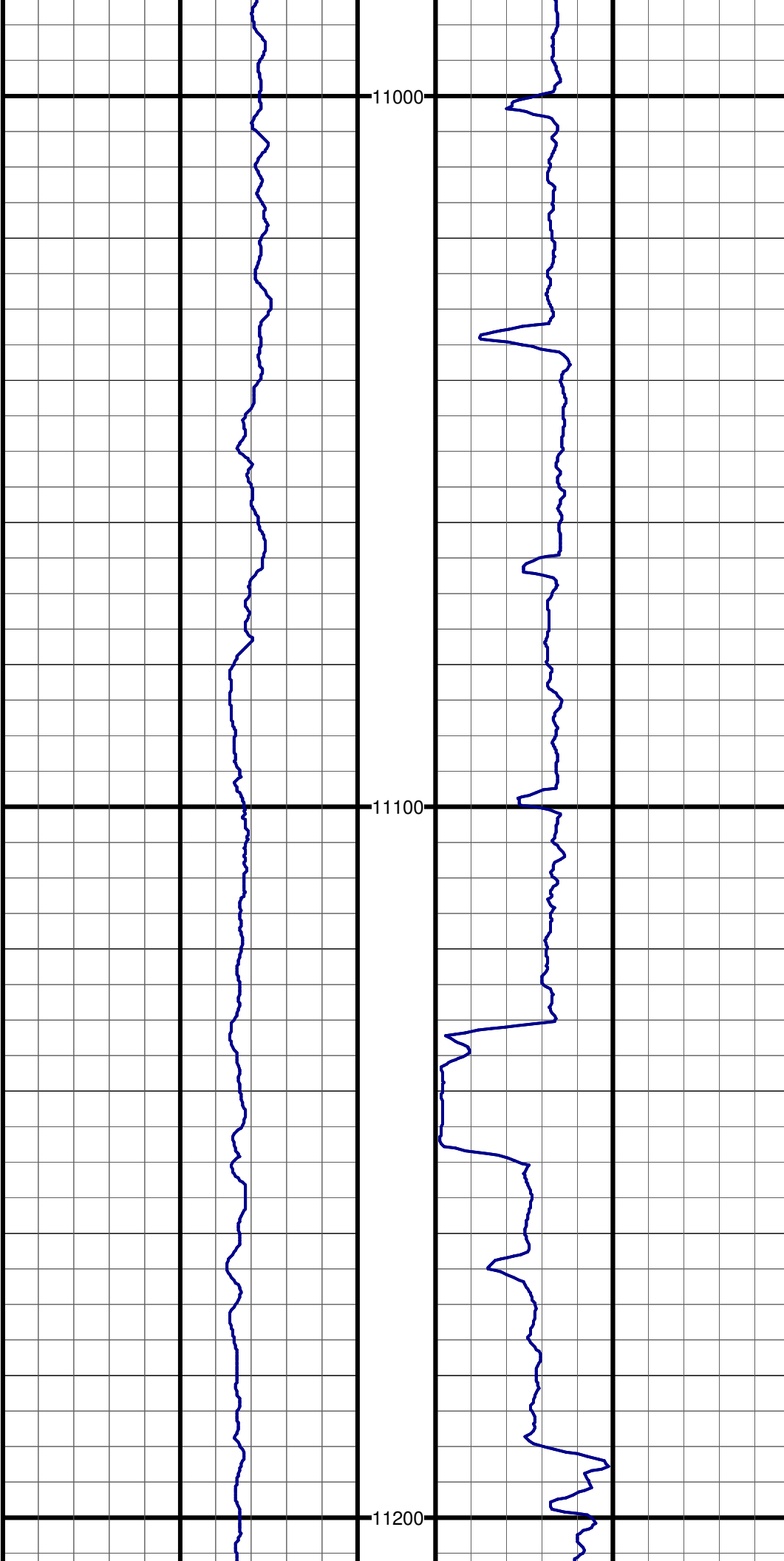
10800

#106 MD:10824.0 TVD:6972.1 I:89.9 A:181.0 VS:3876.0

10900

#107 MD:10888.0 TVD:6971.7 I:90.9 A:180.6 VS:3940.0

#108 MD:10951.0 TVD:6970.7 I:90.8 A:180.4 VS:4002.9



11000

#109 MD:11015.0 TVD:6970.2 I:90.1 A:179.7 VS:4066.9

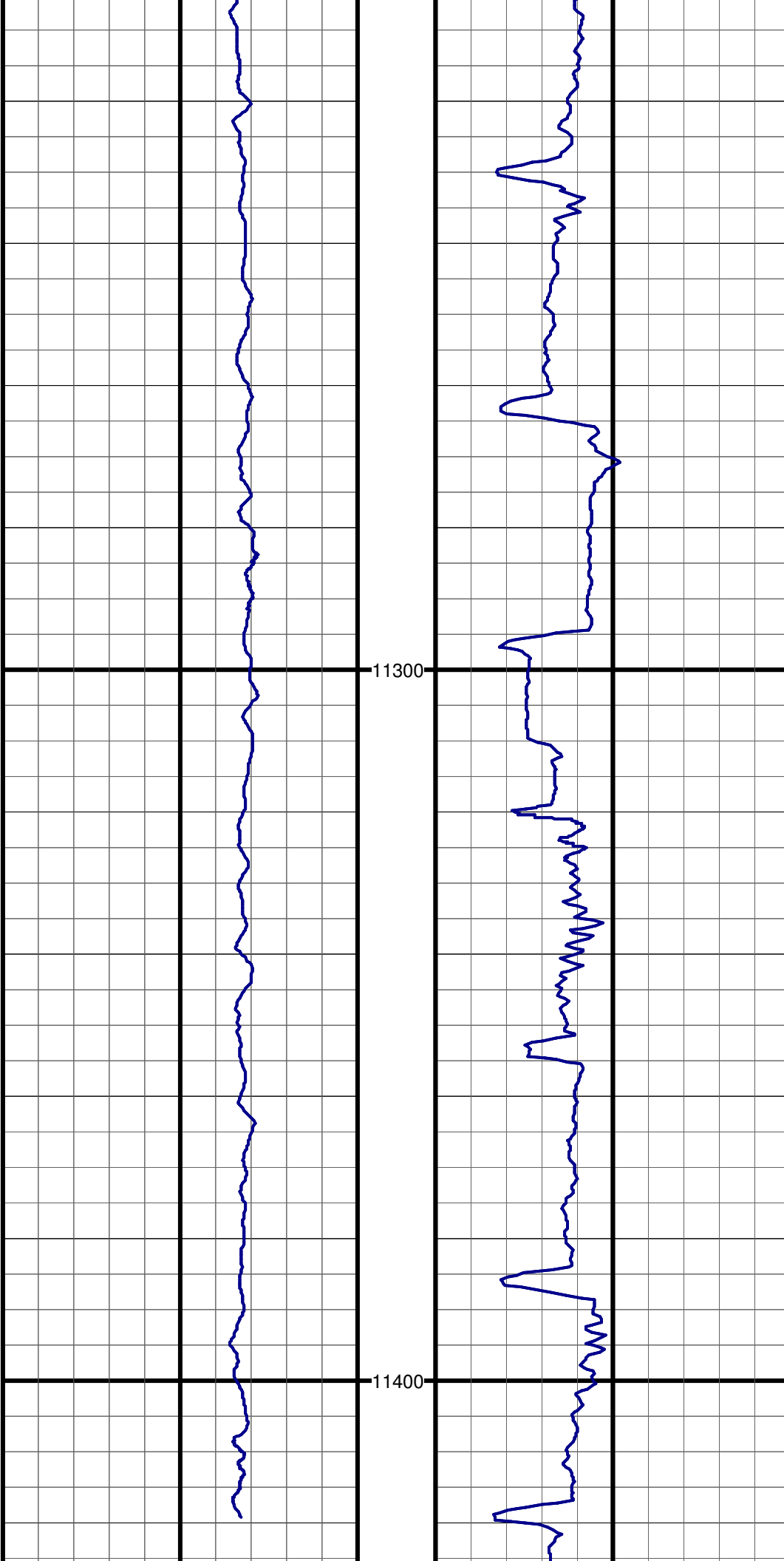
#110 MD:11078.0 TVD:6970.5 I:89.4 A:179.7 VS:4129.9

11100

#111 MD:11142.0 TVD:6970.6 I:90.4 A:180.5 VS:4193.9

11200

#112 MD:11205.0 TVD:6970.1 I:90.5 A:180.4 VS:4256.9



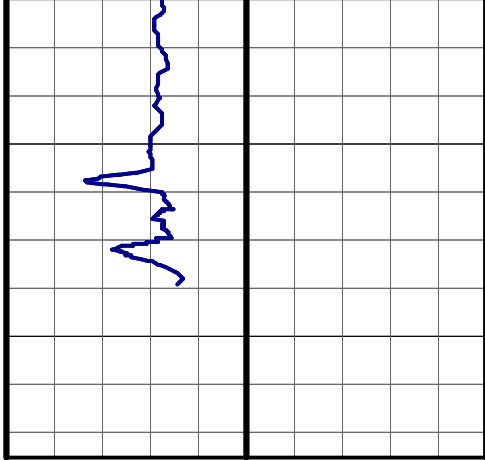
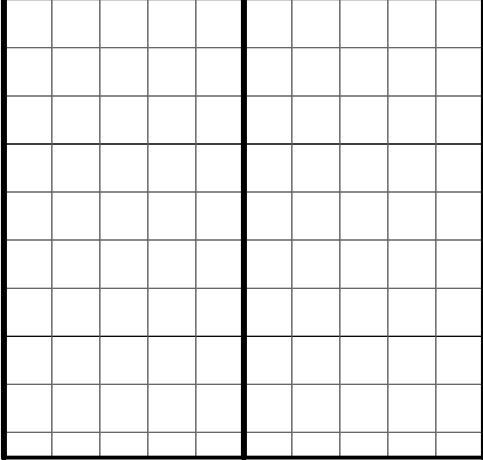
#113 MD:11268.0 TVD:6969.6 I:90.5 A:180.2 VS:4319.9

11300

#114 MD:11332.0 TVD:6969.2 I:90.2 A:179.6 VS:4383.9

11400

#115 MD:11405.0 TVD:6969.2 I:89.8 A:178.9 VS:4456.9



#116 MD:11455.0 TVD:6969.4 I:89.8 A:178.9 VS:4506.9

Gamma API (MD) Track: 1
API

Depth
5":100' (100')

ROP (MD) Track: 1
Ft/Hr

