

PRO DIRECTIONAL

5 Inch MD Gamma Ray Log (Scale: 5"-100' (10'))

Company: Tapstone Energy
 Well: Diel Farms 15-34-9 #1H
 Field: Mississippi Lime
 Well ID: 15-077-22155-01-00
 Job Number: LKS6119315

State: KS
 County: Harper
 Country: USA

Location: Sec.15 Twp. 34S, R9W
 Operator 1: J.Treille
 Operator 2: C.Fowler
 Elev KB: 22' + 1,278' = 1,300'
 Elev DF: 22'
 Elev GL: 1,278'

Comment 1: LAT: 37° 4' 49.19 N
 Comment 2: LONG: 98° 16' 35.58 W
 Comment 3: Y: 150701.60 / X: 2065190.30
 Comment 4: Mud Density (lb/bbl): 8.4 / Funnel Viscosity (sec/qt): 27
 Comment 5: Max Temp (DegF): 154° (NAD 1927) Gamma Ray in Reference to Elev KB (Kansas South 1502)

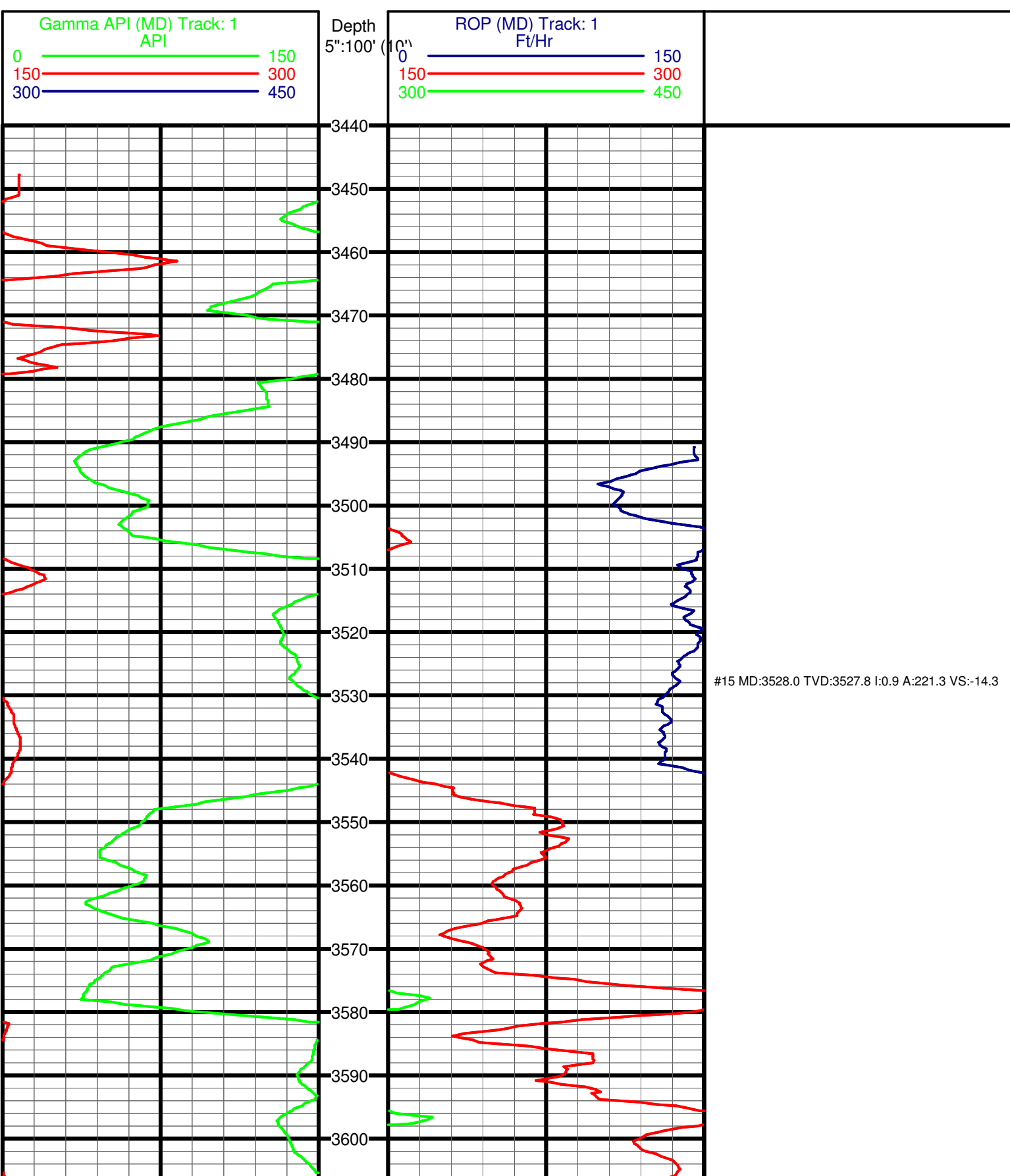
Hole Data			Casing Record		
Size	From	To	Size	From	To
12 1/4"	0'	838'	9 5/8"	0'	838'
8 3/4"	838'	5,149'	7"	838'	5,149'
6 1/8"	5,149'	8,977'			

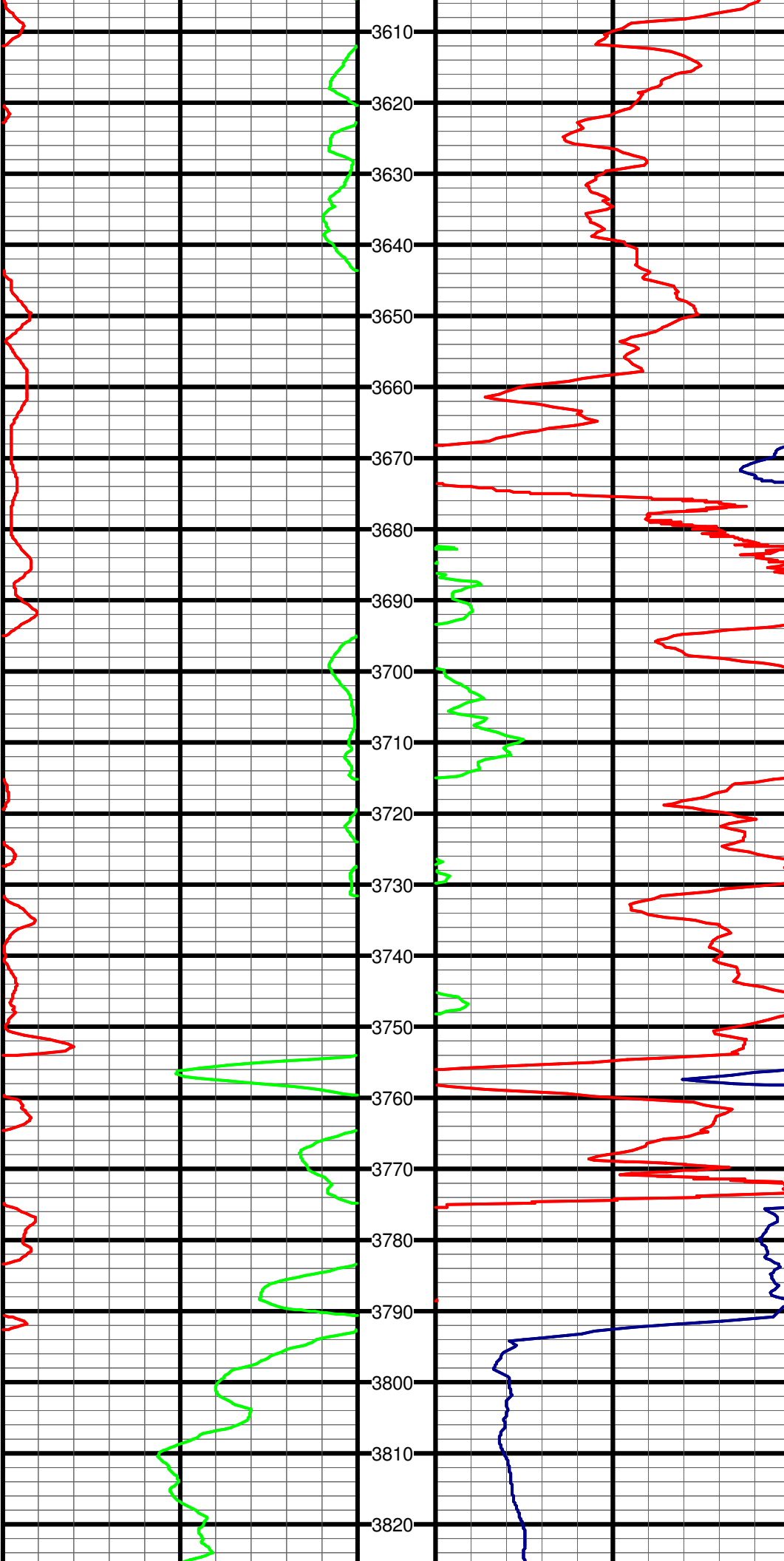
Tool Run Data		Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	2049	3006	2049			
Cal Factor	4.46	2.75	2.75			
Gamma Offset	43'	40'	39'			
Start Depth	3,470'	5,107'	7,894'			
Start Date	10/7/2015	10/11/2015	10/15/2015			
Start Time	22:00	09:01	17:30			
End Depth	5,106'	7,894'	8,977'			
End Date	10/10/2015	10/15/2015	10/17/2015			
End Time	00:39	06:48	09:20			

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					

End Date					
End Time					



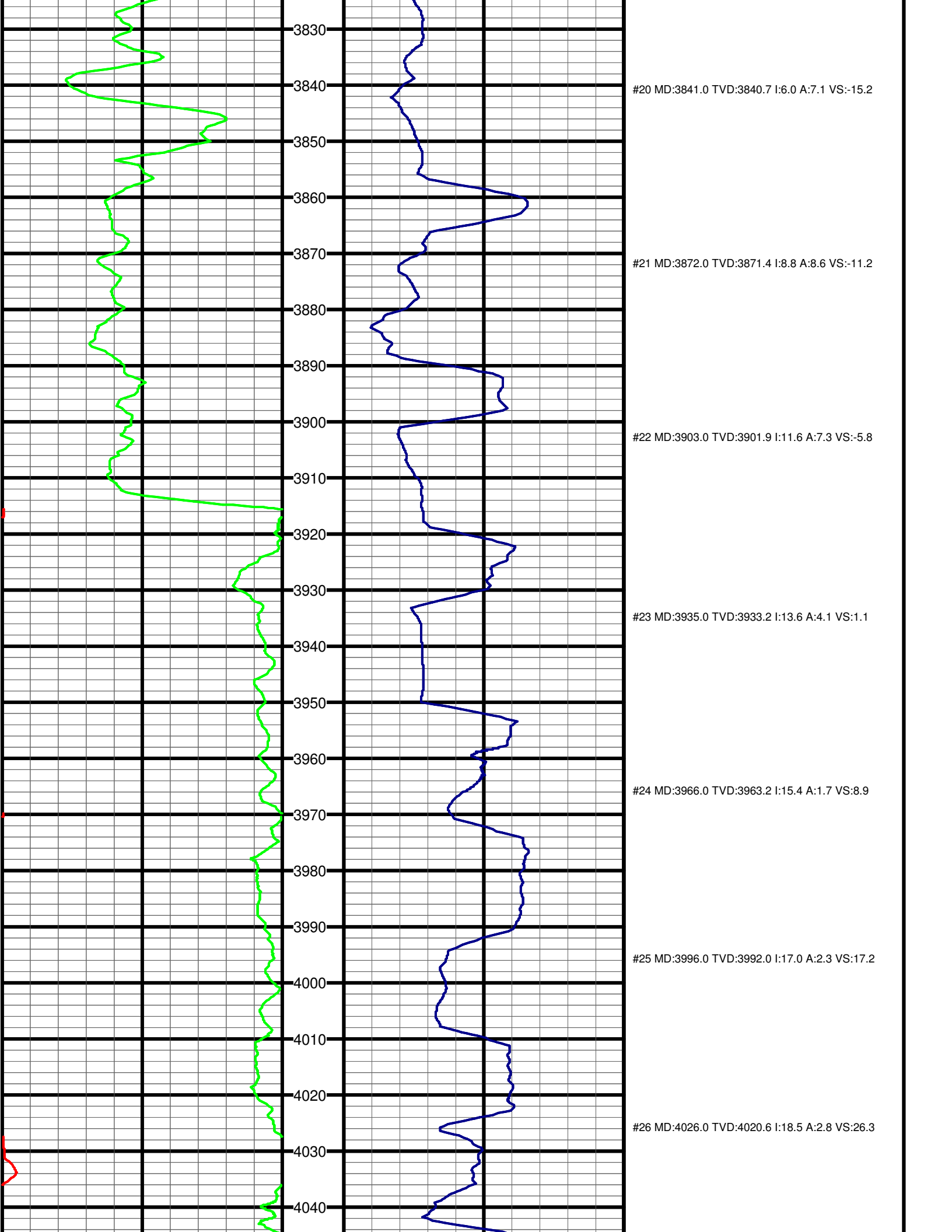


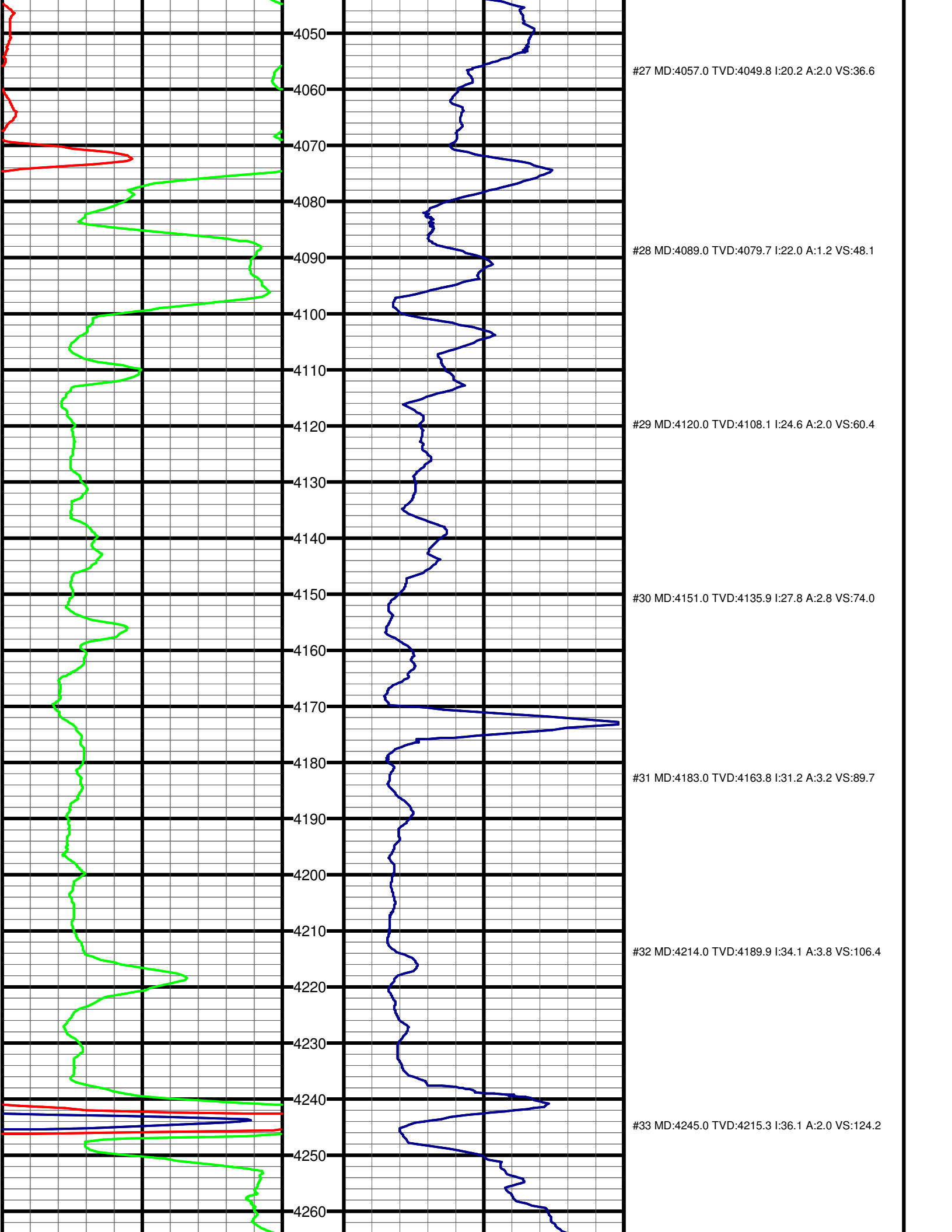
#16 MD:3714.0 TVD:3713.8 I:0.9 A:195.7 VS:-16.8

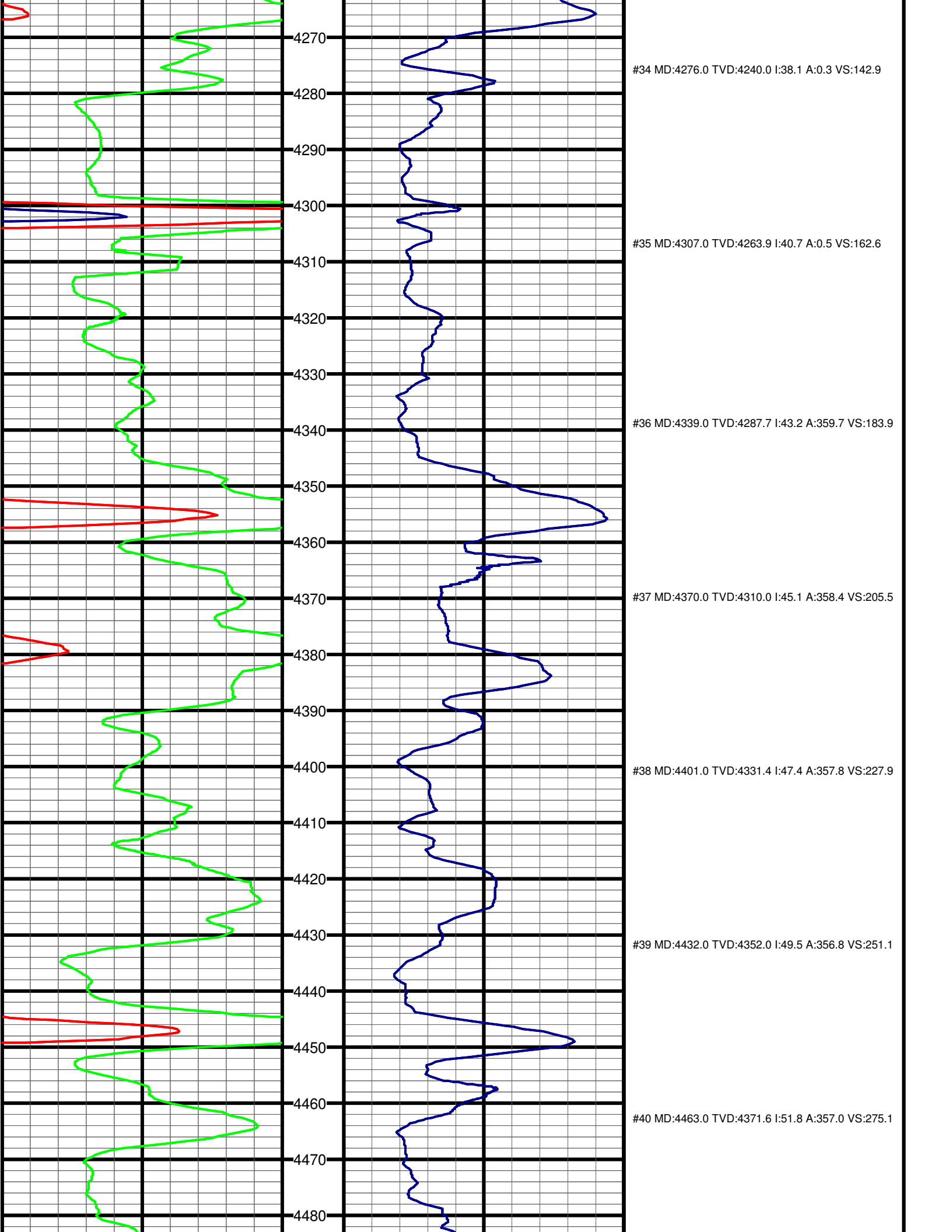
#17 MD:3745.0 TVD:3744.8 I:1.0 A:195.2 VS:-17.3

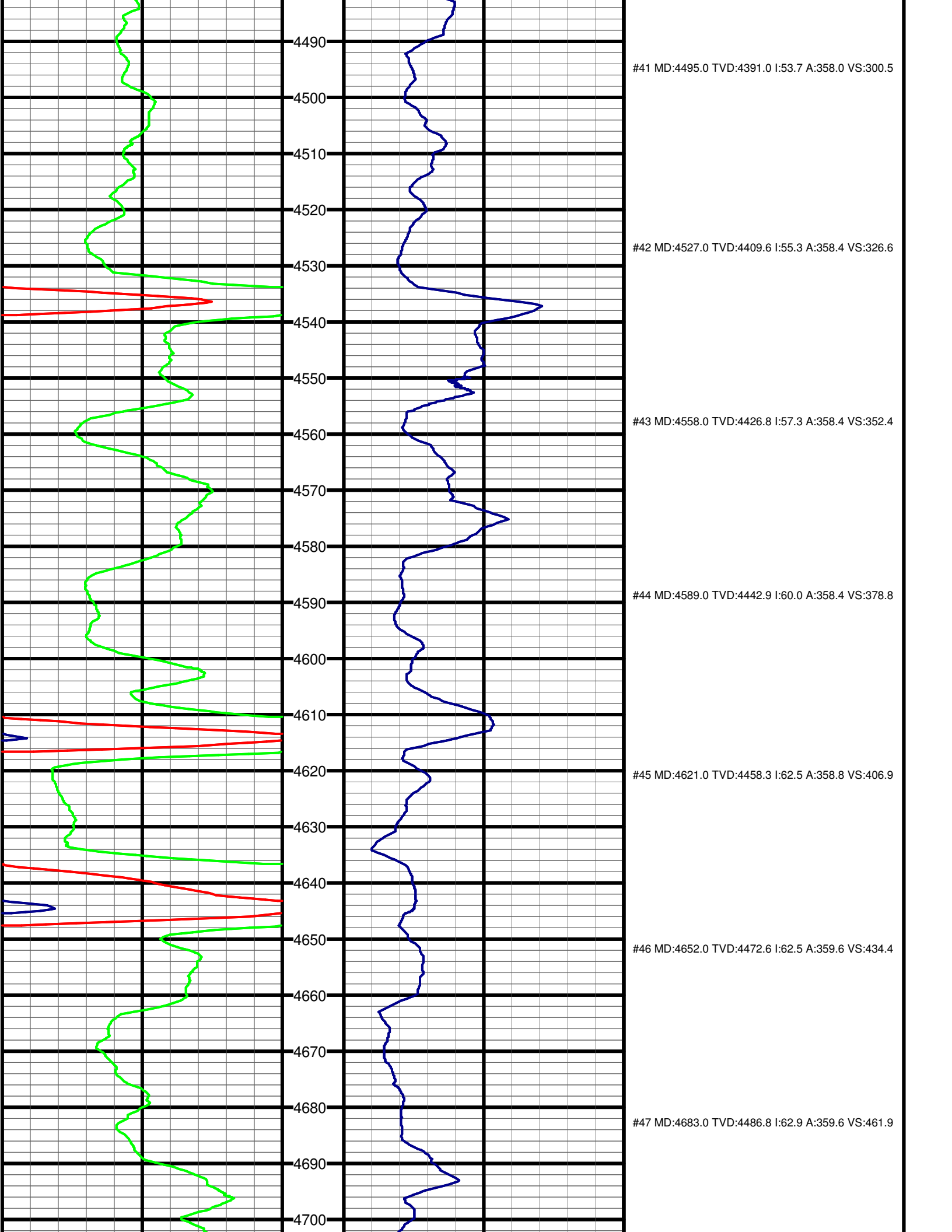
#18 MD:3777.0 TVD:3776.8 I:0.6 A:183.9 VS:-17.7

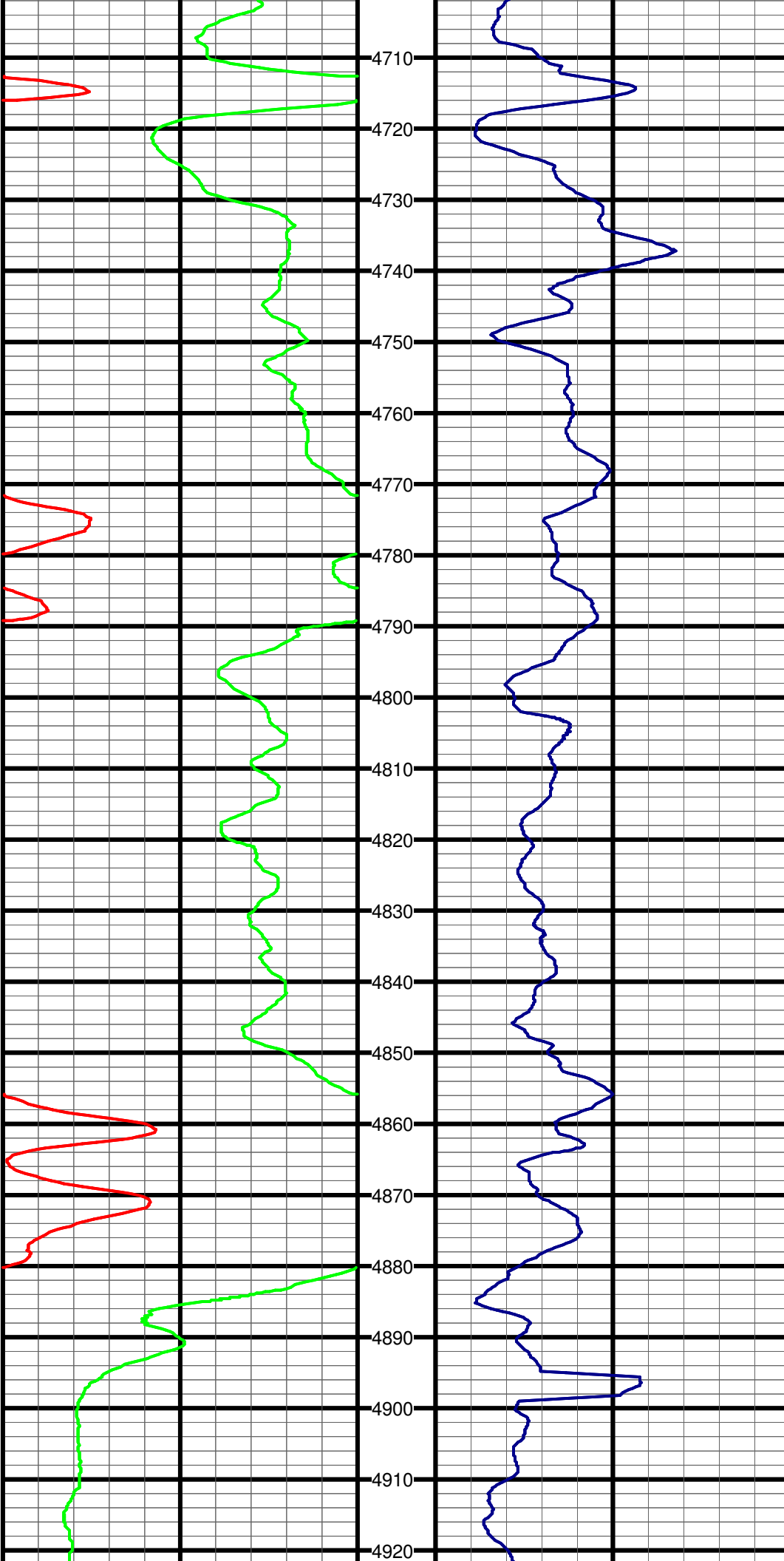
#19 MD:3808.0 TVD:3807.8 I:1.8 A:2.1 VS:-17.4











#48 MD:4715.0 TVD:4501.3 I:63.3 A:359.6 VS:490.5

#49 MD:4746.0 TVD:4515.1 I:63.8 A:359.3 VS:518.2

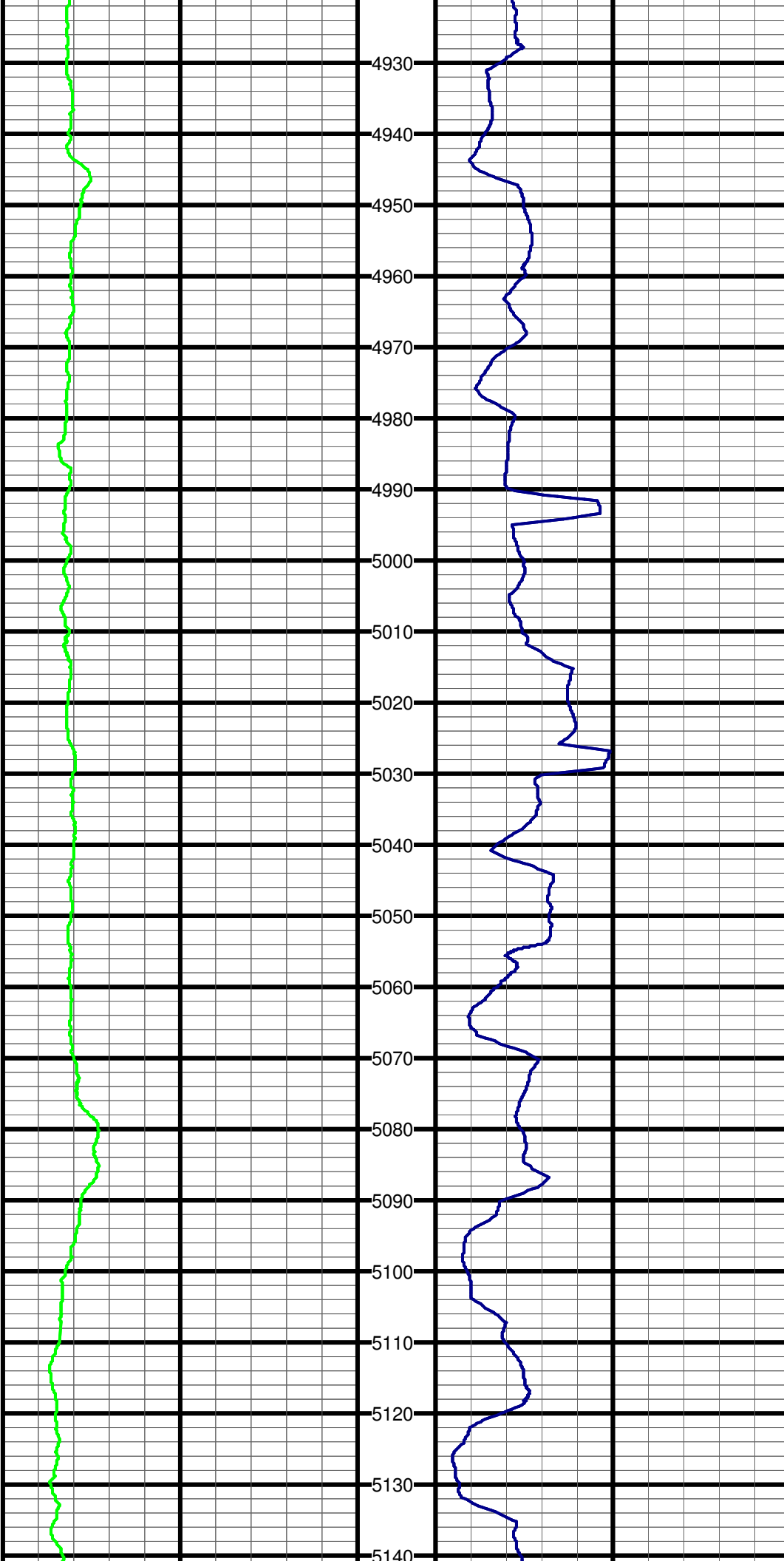
#50 MD:4777.0 TVD:4528.7 I:64.3 A:359.0 VS:546.1

#51 MD:4809.0 TVD:4542.4 I:64.9 A:359.1 VS:575.0

#52 MD:4840.0 TVD:4555.4 I:65.4 A:359.3 VS:603.1

#53 MD:4871.0 TVD:4567.9 I:67.1 A:359.4 VS:631.5

#54 MD:4903.0 TVD:4579.6 I:70.1 A:359.3 VS:661.3



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5140

#55 MD:4935.0 TVD:4589.7 I:72.9 A:359.9 VS:691.6

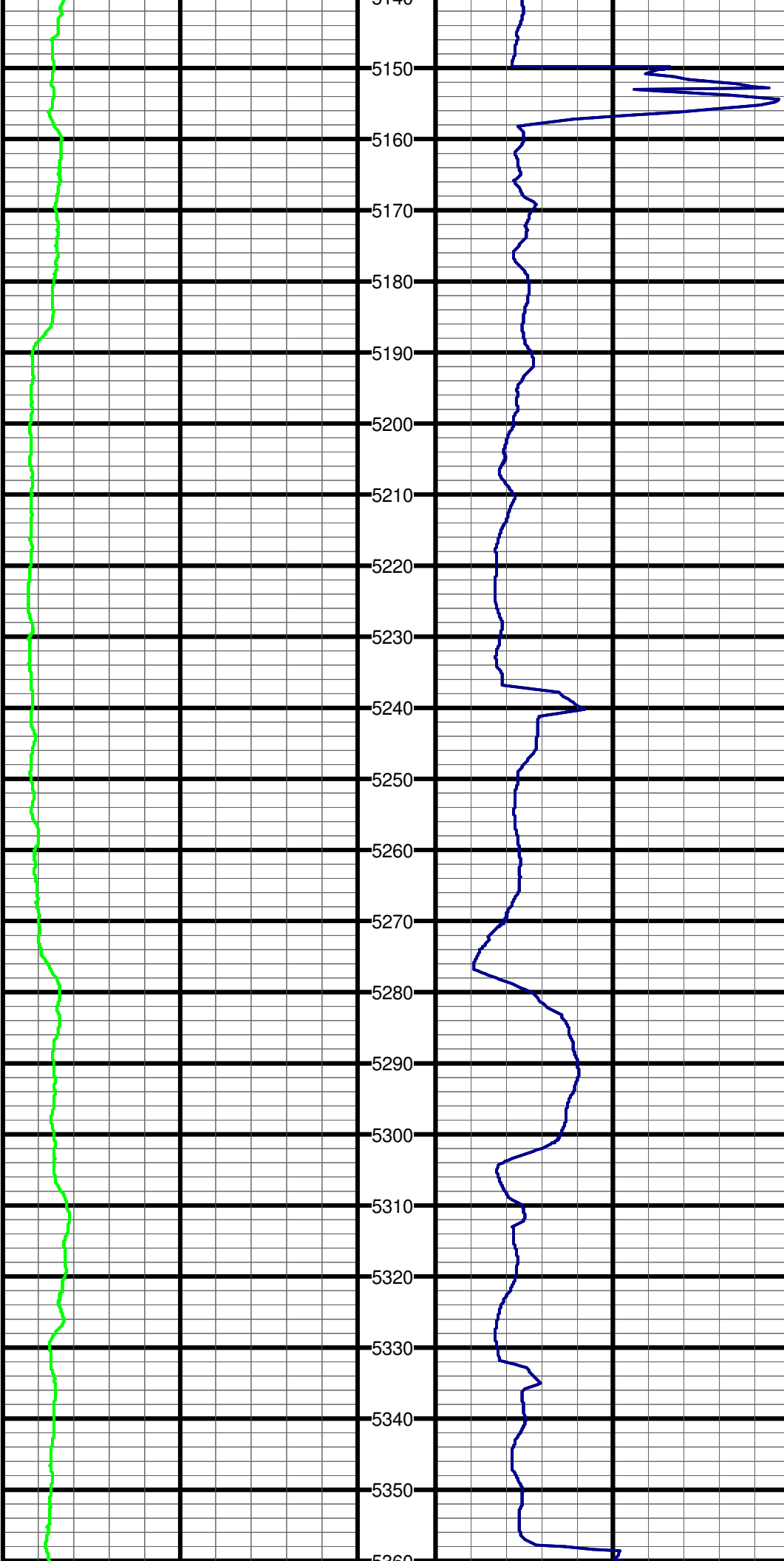
#56 MD:4966.0 TVD:4598.2 I:75.5 A:0.2 VS:721.4

#57 MD:4998.0 TVD:4605.4 I:78.5 A:1.2 VS:752.6

#58 MD:5030.0 TVD:4611.1 I:81.0 A:1.7 VS:784.1

#59 MD:5061.0 TVD:4615.3 I:83.3 A:2.3 VS:814.7

#60 MD:5093.0 TVD:4618.3 I:85.9 A:2.2 VS:846.5



#61 MD:5185.0 TVD:4622.0 I:89.5 A:2.9 VS:938.3

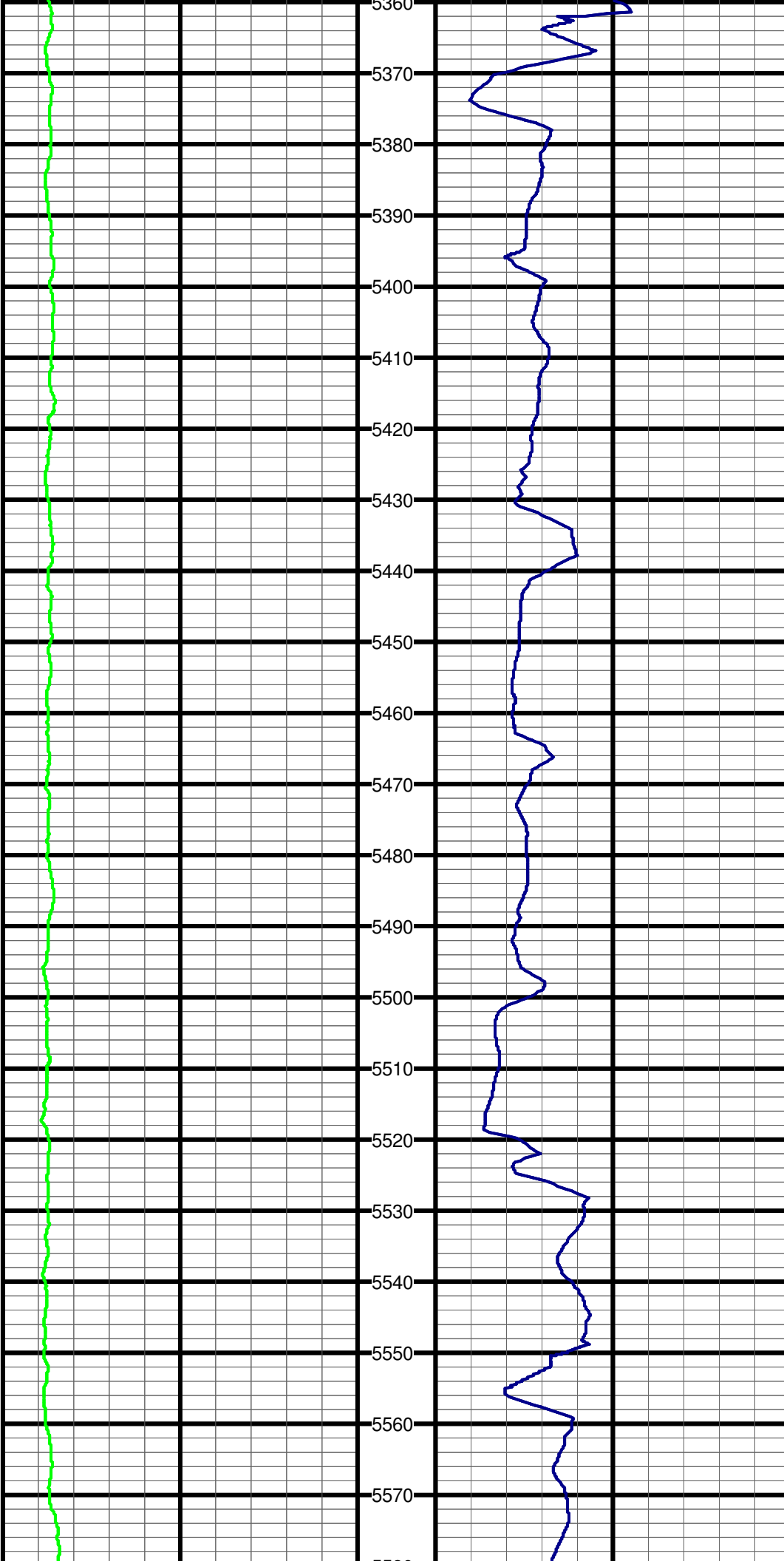
#62 MD:5216.0 TVD:4621.9 I:91.0 A:3.2 VS:969.2

#63 MD:5248.0 TVD:4620.9 I:92.3 A:3.9 VS:1001.1

#64 MD:5279.0 TVD:4620.1 I:91.0 A:3.4 VS:1032.0

#65 MD:5311.0 TVD:4619.7 I:90.1 A:1.6 VS:1063.9

#66 MD:5342.0 TVD:4619.7 I:90.1 A:1.1 VS:1094.9



#67 MD:5374.0 TVD:4619.6 I:90.2 A:1.6 VS:1126.9

#68 MD:5405.0 TVD:4619.5 I:90.1 A:2.3 VS:1157.9

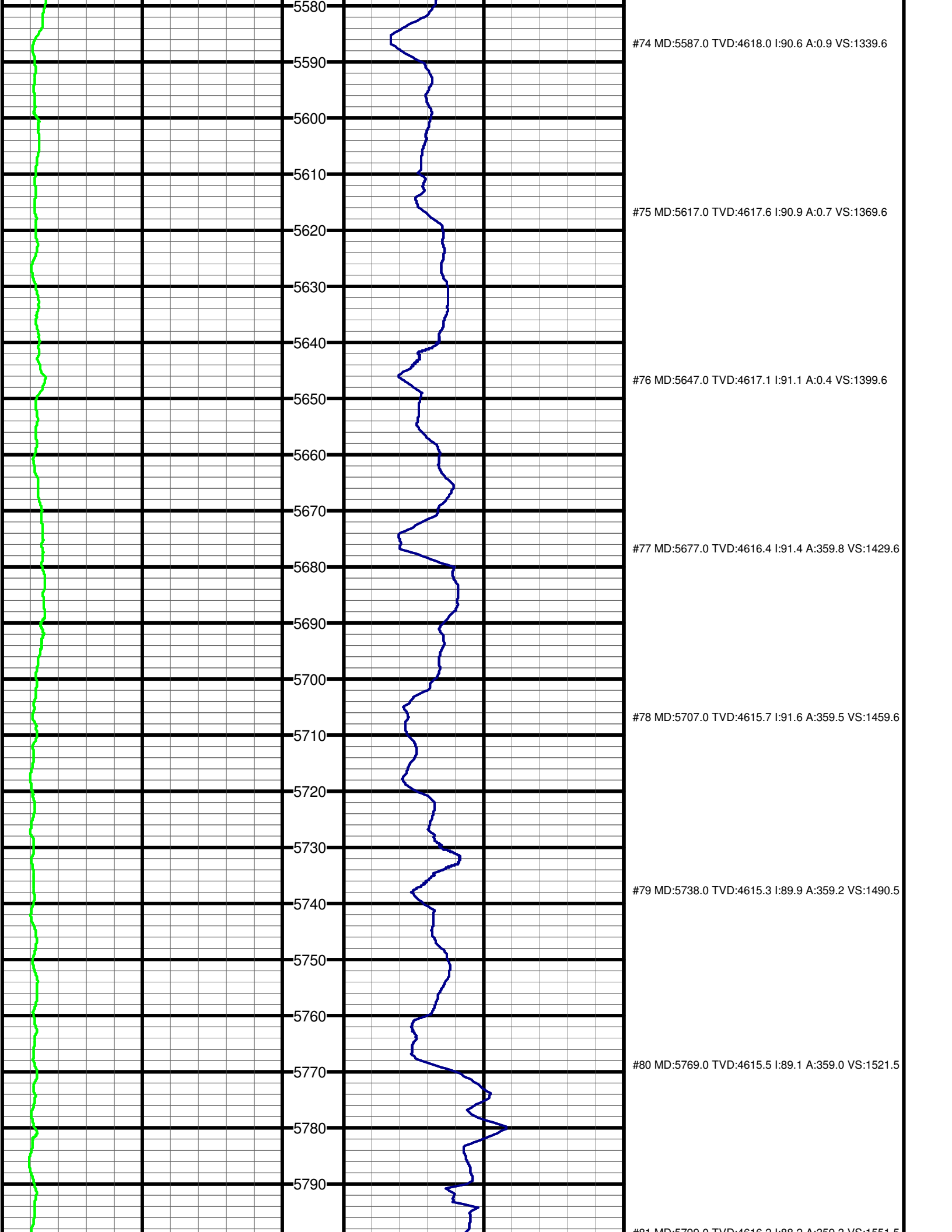
#69 MD:5436.0 TVD:4619.4 I:90.4 A:2.7 VS:1188.8

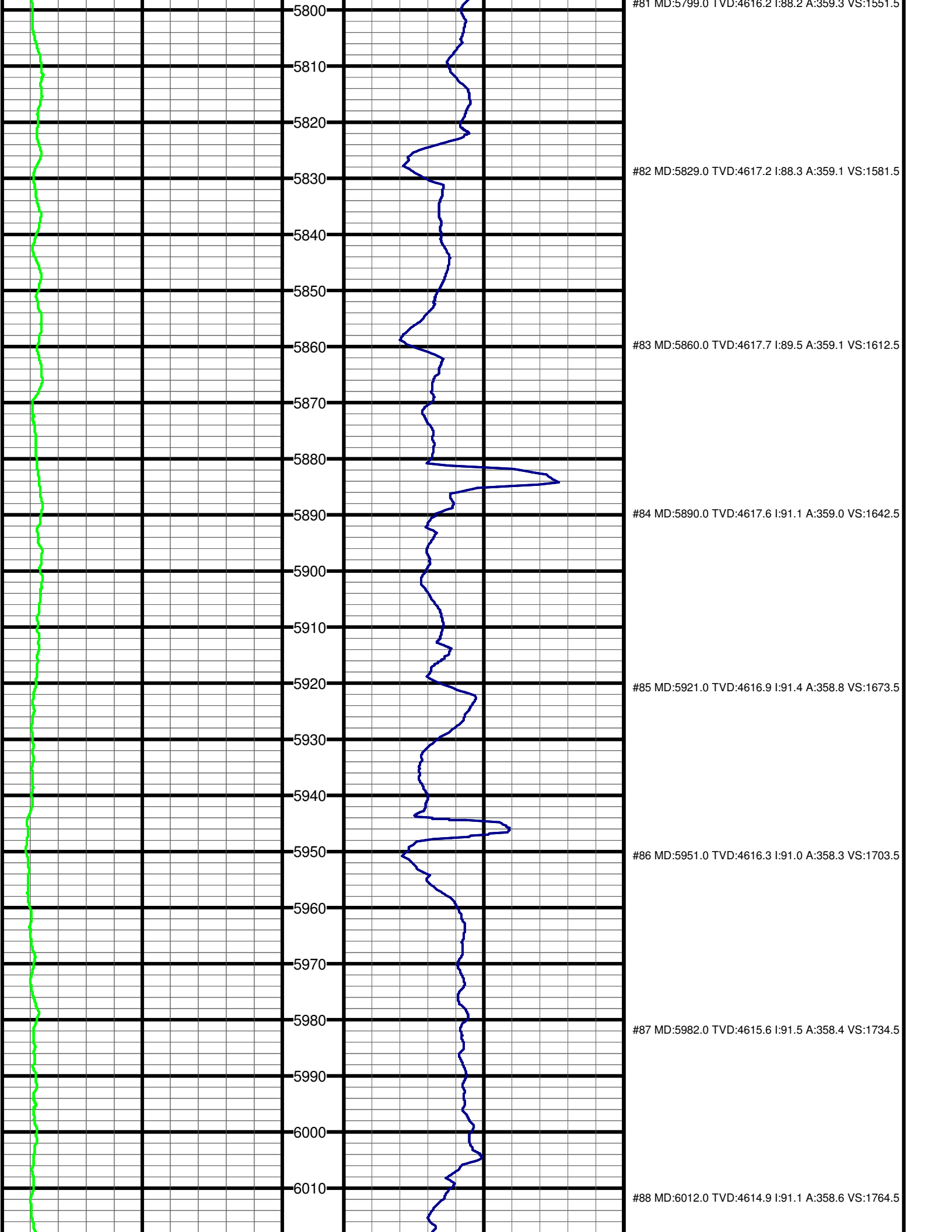
#70 MD:5466.0 TVD:4619.1 I:90.8 A:2.5 VS:1218.8

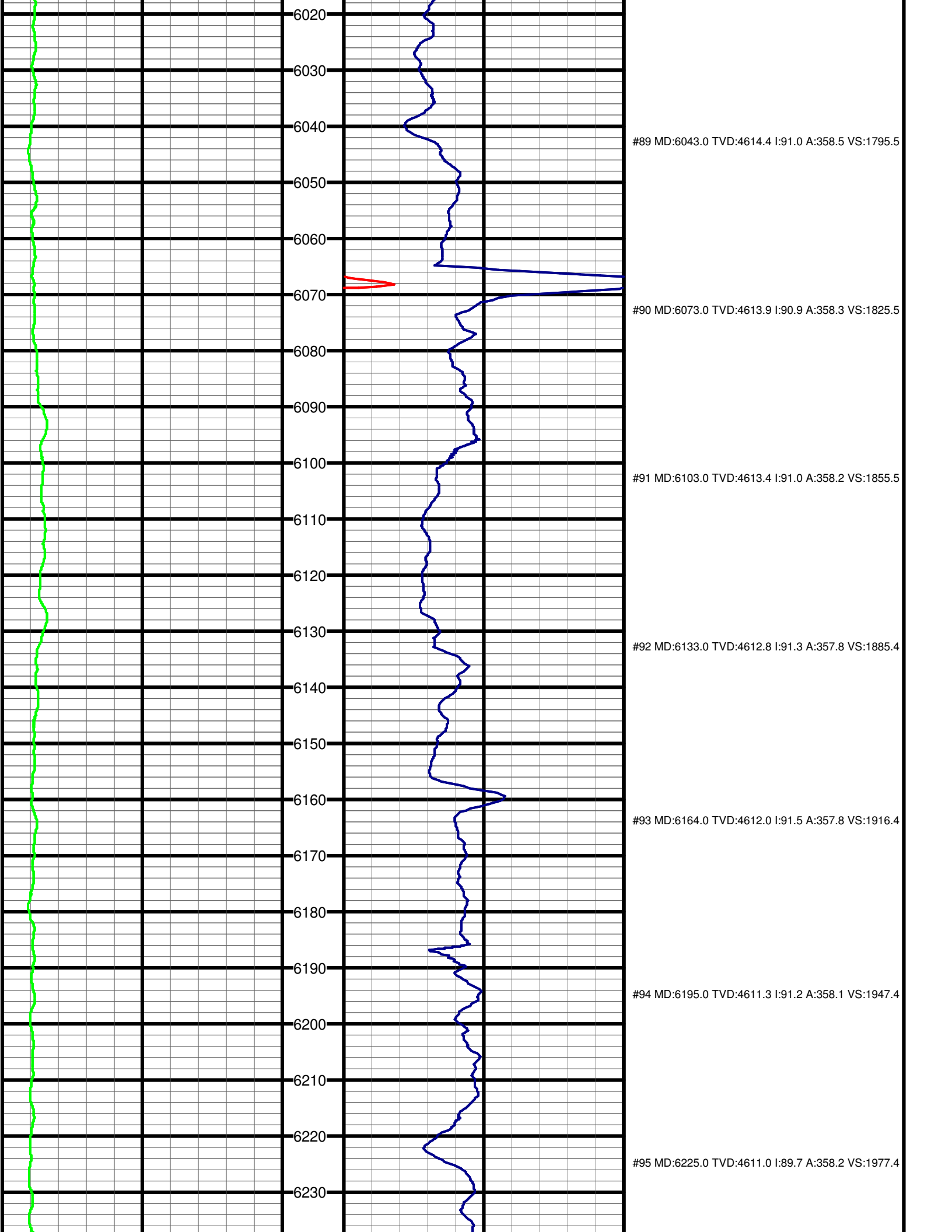
#71 MD:5496.0 TVD:4618.6 I:91.1 A:2.3 VS:1248.7

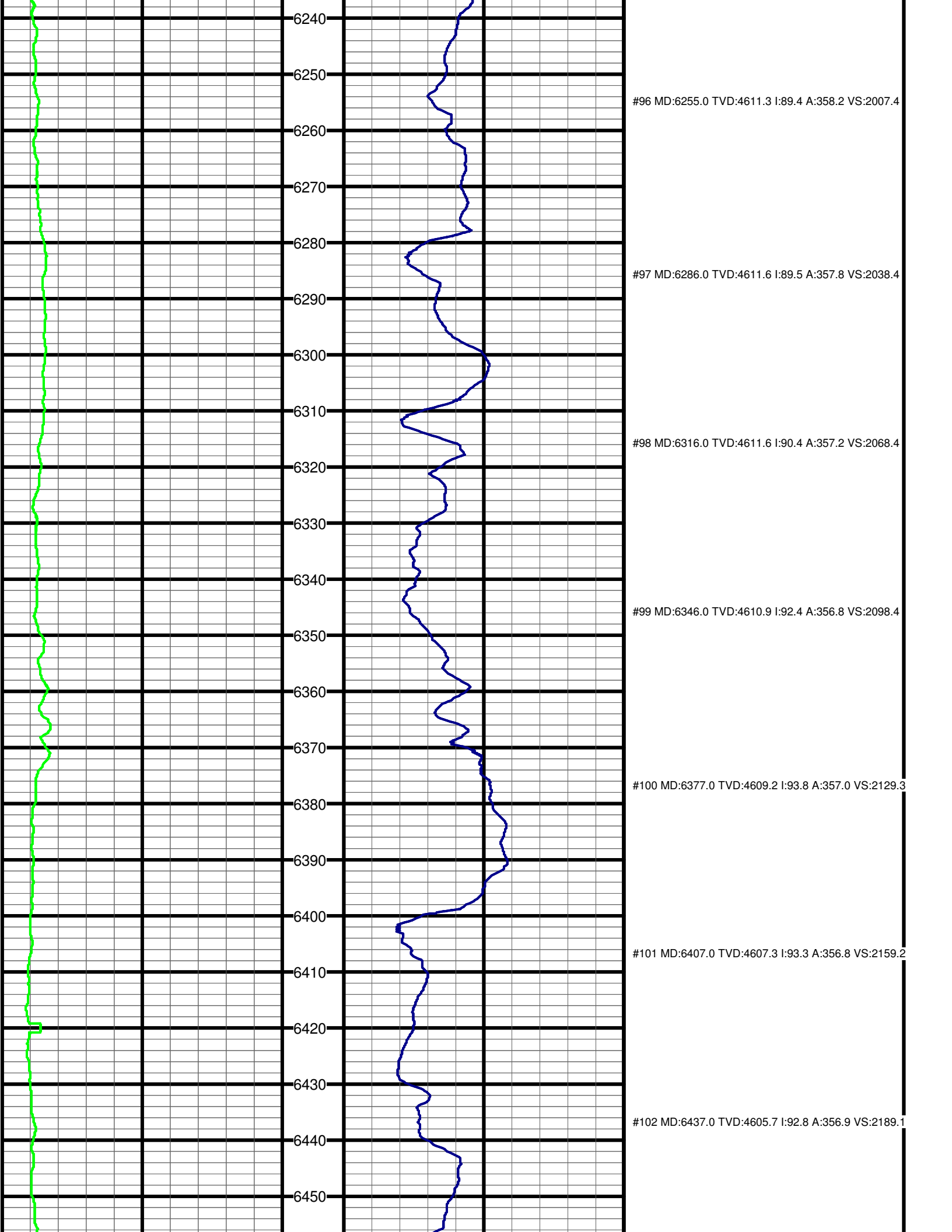
#72 MD:5527.0 TVD:4618.2 I:90.4 A:2.0 VS:1279.7

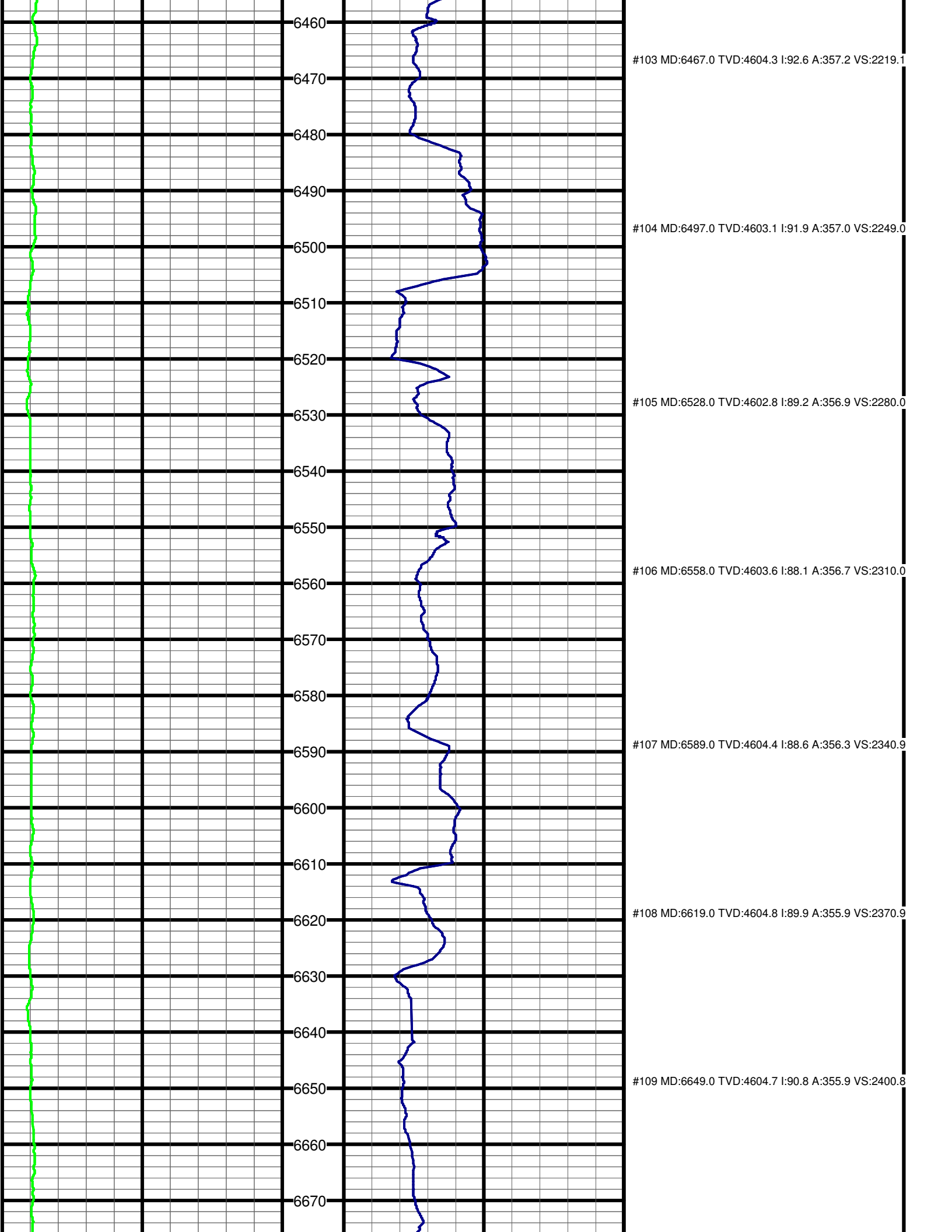
#73 MD:5557.0 TVD:4618.1 I:89.8 A:1.3 VS:1309.6

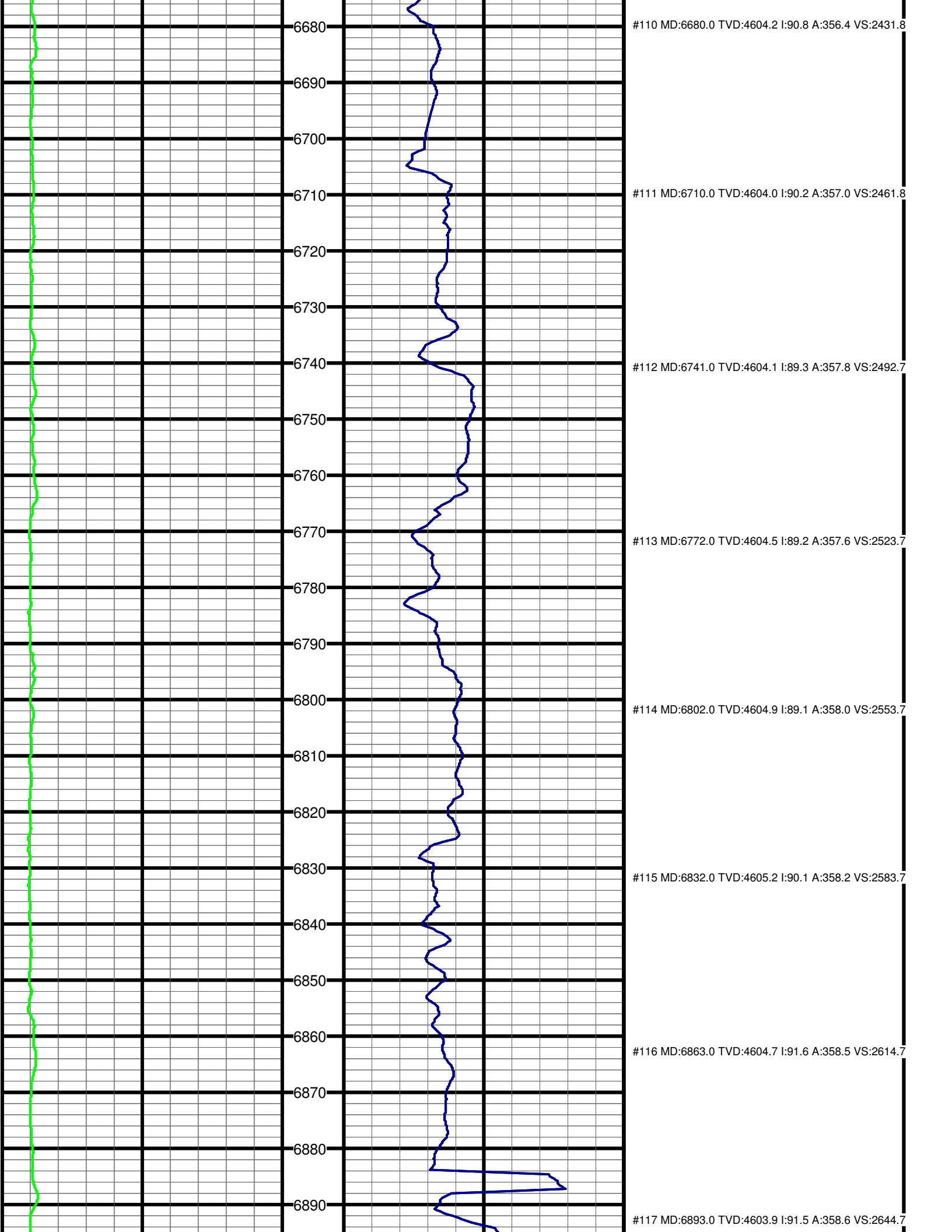


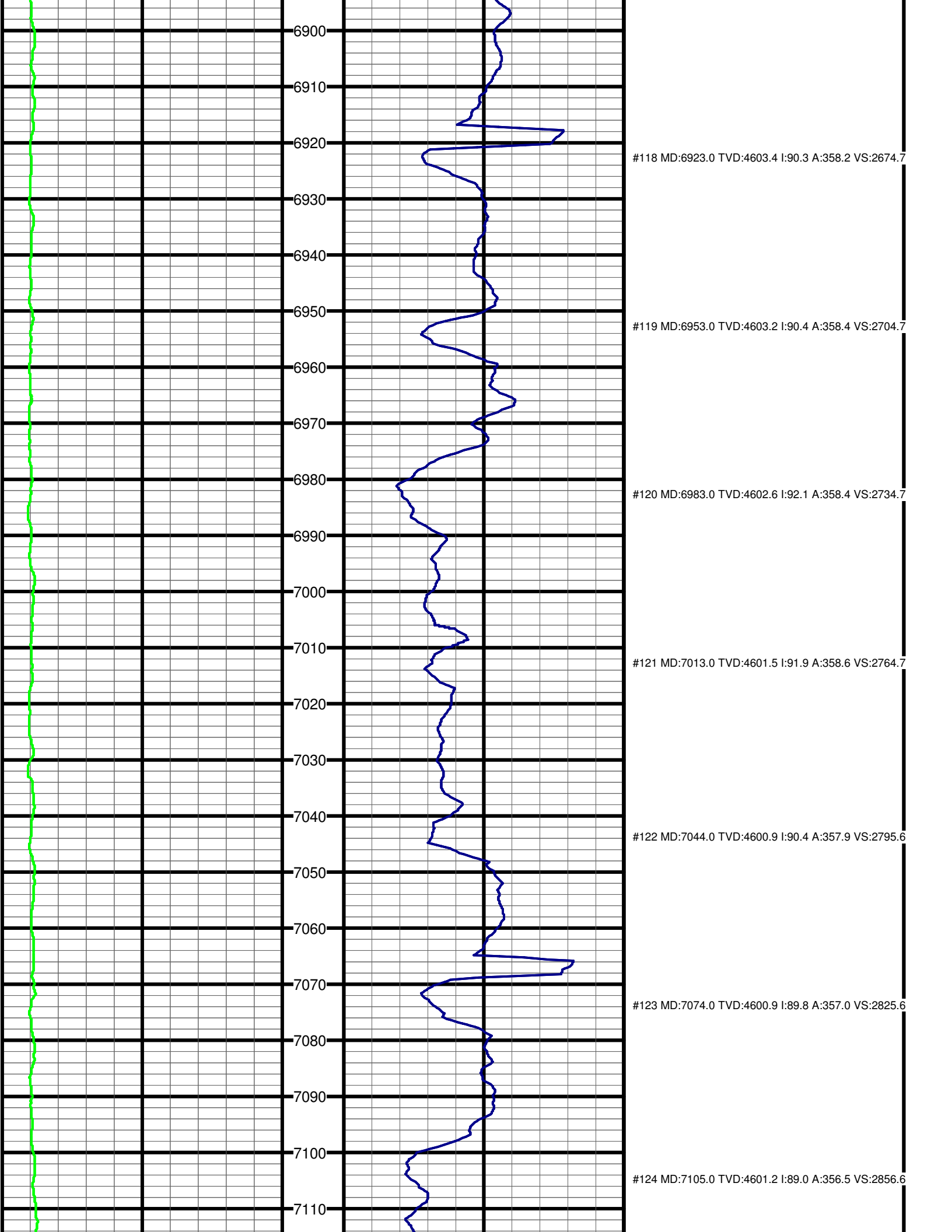


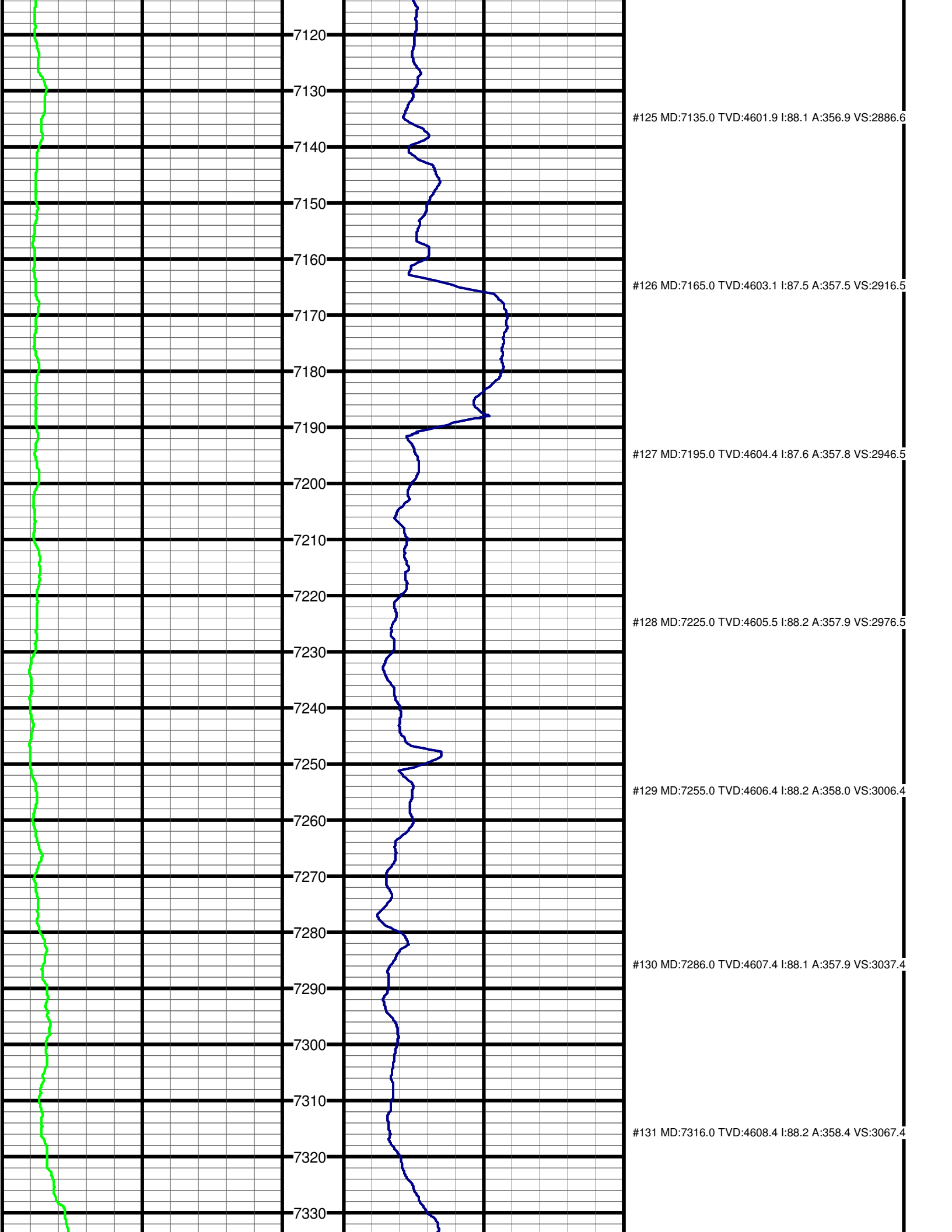


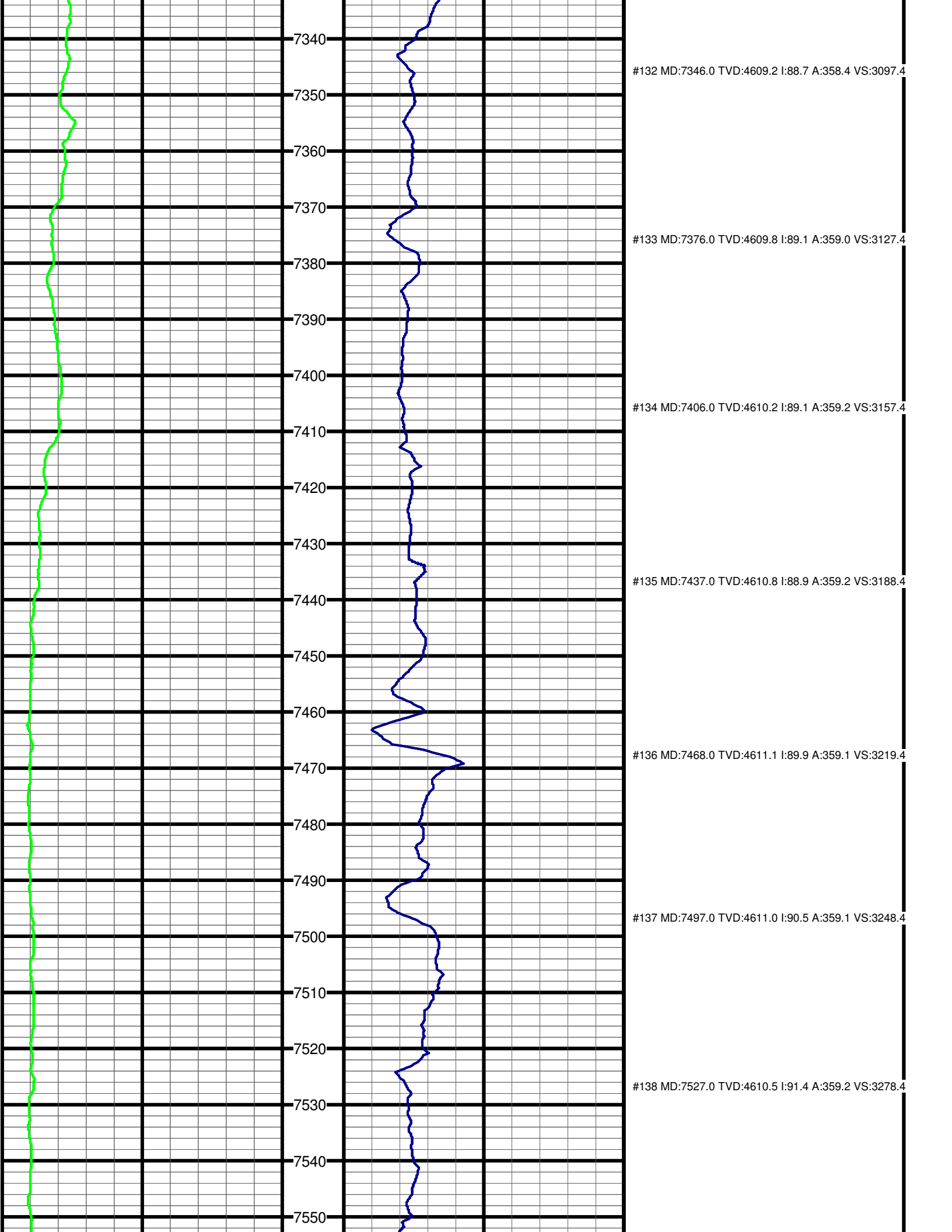


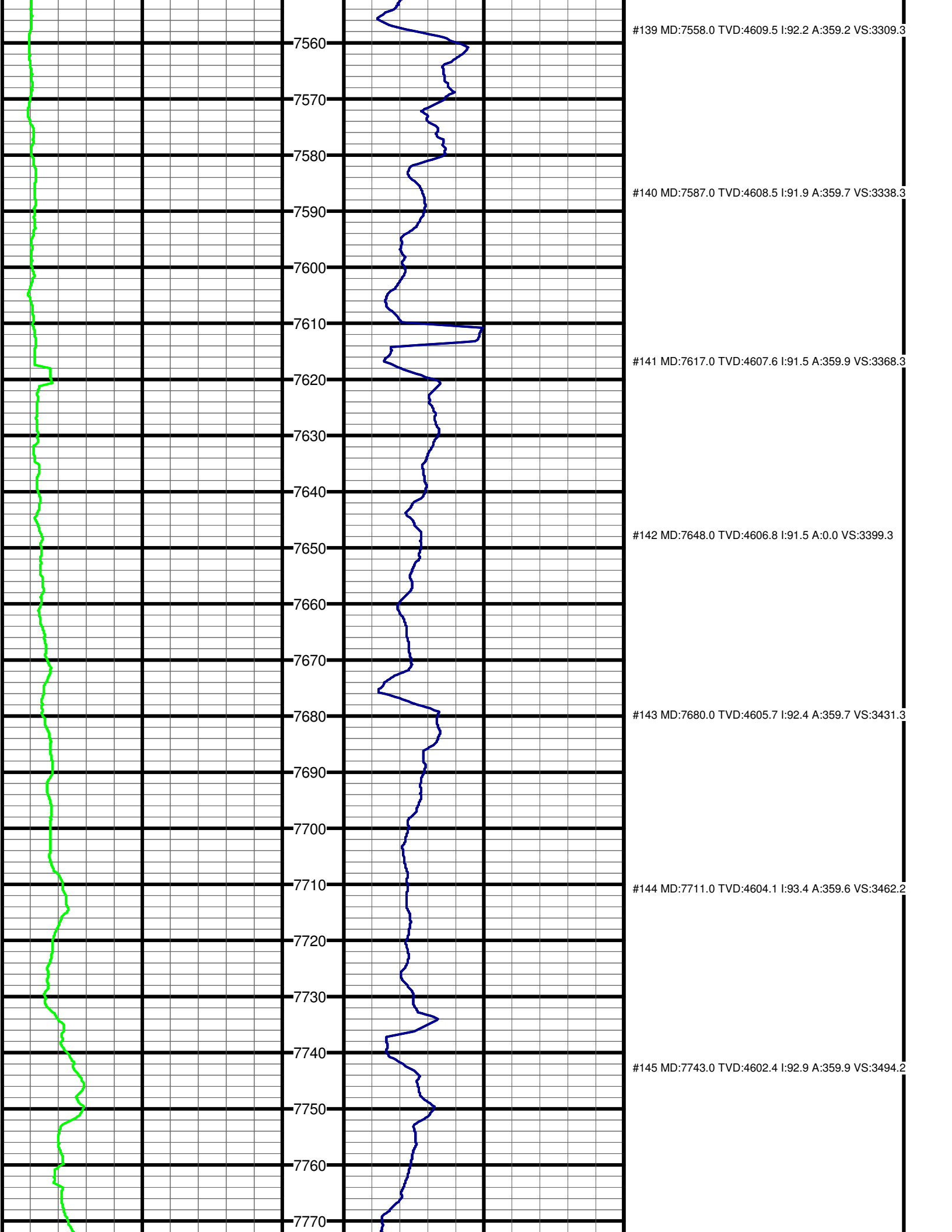


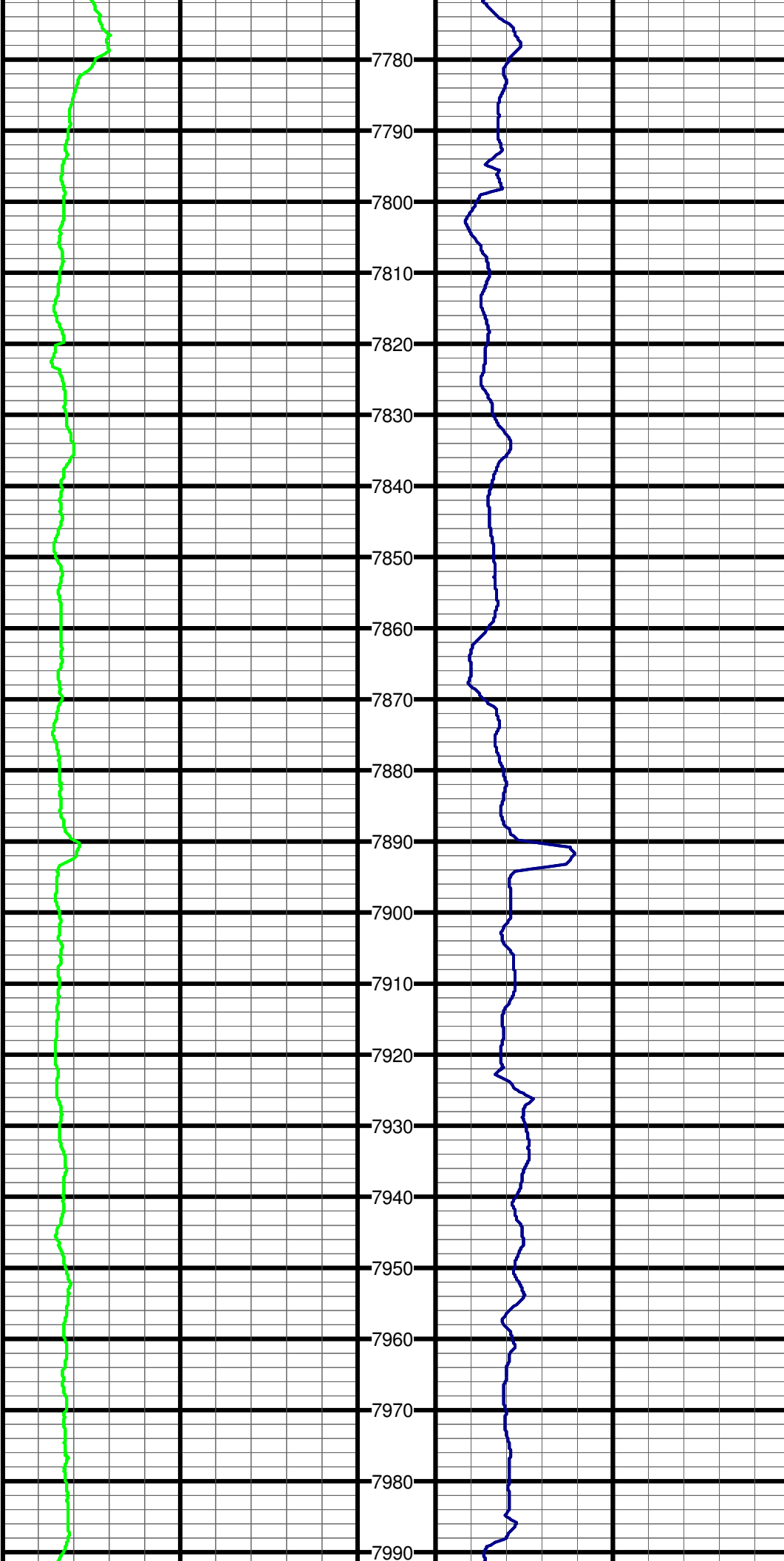












#146 MD:7775.0 TVD:4601.1 I:91.6 A:359.5 VS:3526.2

7780

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7800

#147 MD:7806.0 TVD:4600.3 I:91.4 A:359.7 VS:3557.1

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#148 MD:7838.0 TVD:4599.8 I:90.3 A:359.8 VS:3589.1

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#149 MD:7869.0 TVD:4600.0 I:89.2 A:359.5 VS:3620.1

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#150 MD:7901.0 TVD:4600.4 I:89.4 A:0.0 VS:3652.1

7900

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#151 MD:7933.0 TVD:4600.4 I:90.4 A:0.5 VS:3684.1

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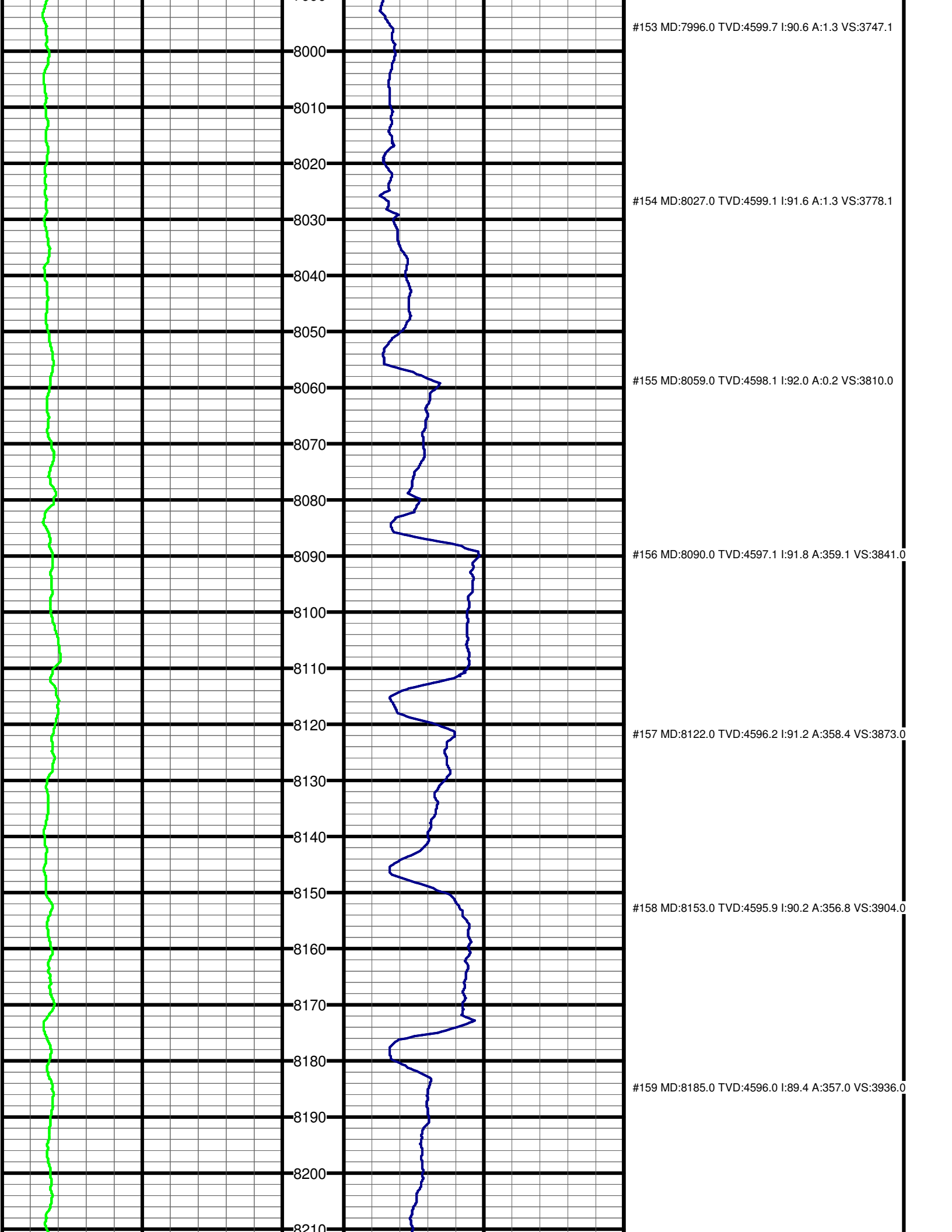
7960

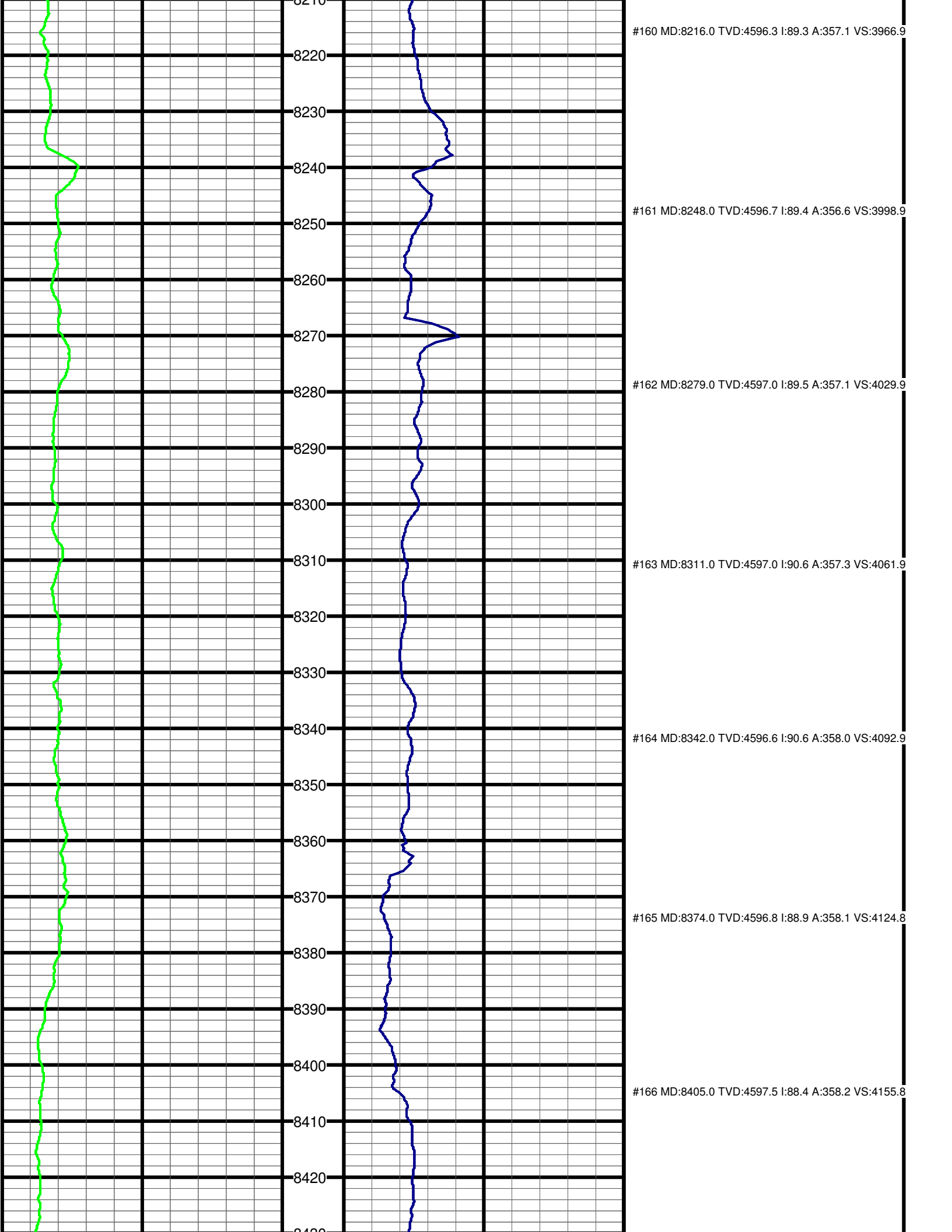
#152 MD:7964.0 TVD:4600.1 I:90.8 A:1.1 VS:3715.1

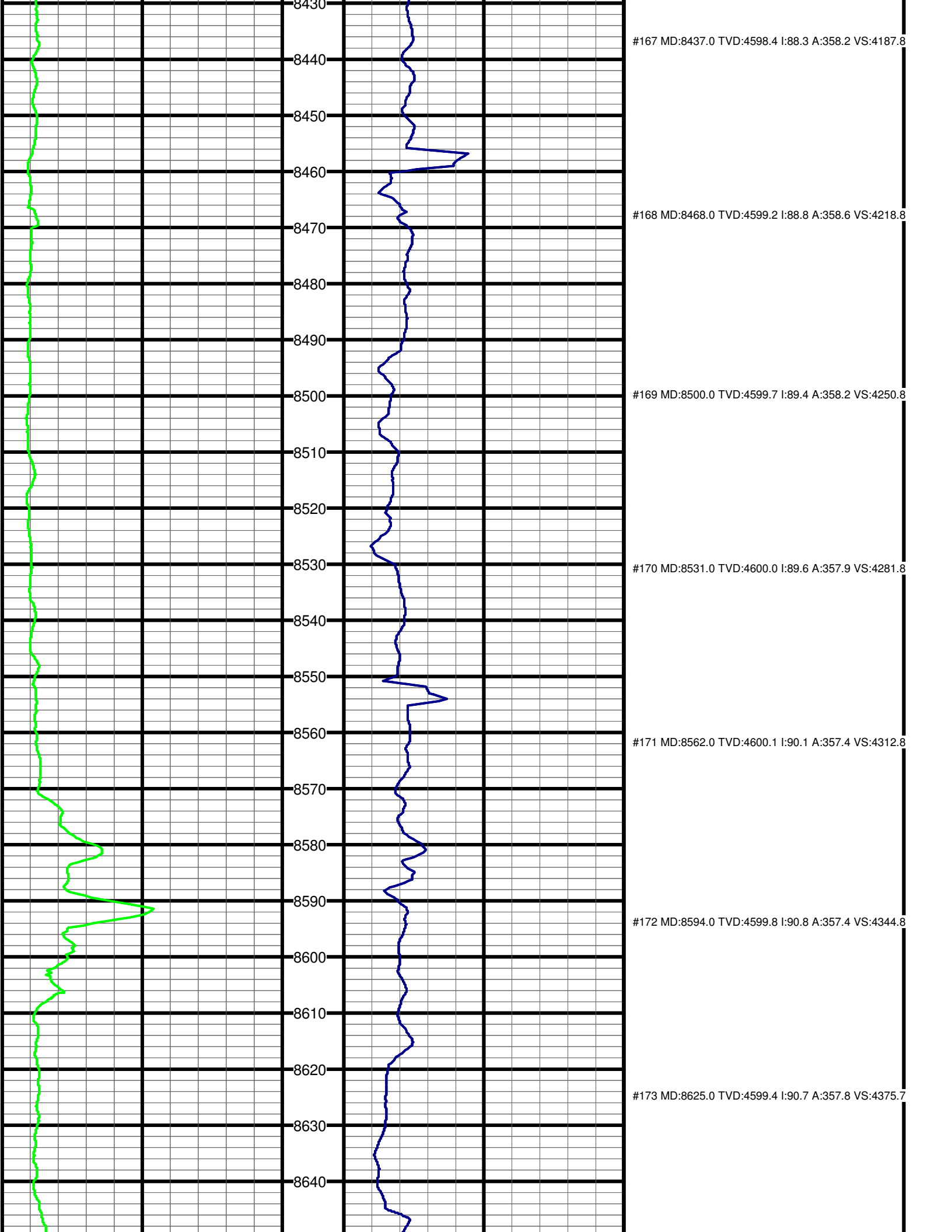
7970

7980

7990







#167 MD:8437.0 TVD:4598.4 I:88.3 A:358.2 VS:4187.8

#168 MD:8468.0 TVD:4599.2 I:88.8 A:358.6 VS:4218.8

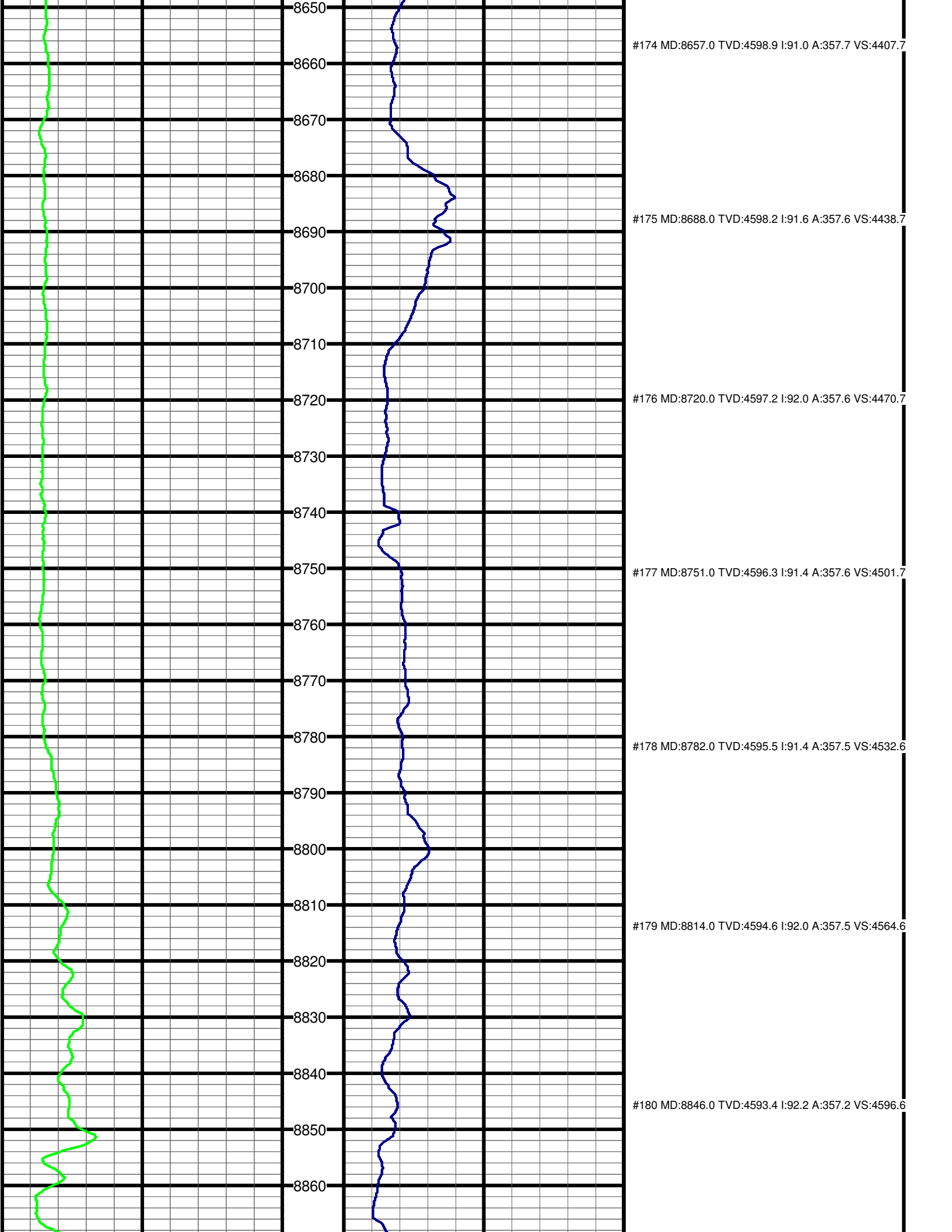
#169 MD:8500.0 TVD:4599.7 I:89.4 A:358.2 VS:4250.8

#170 MD:8531.0 TVD:4600.0 I:89.6 A:357.9 VS:4281.8

#171 MD:8562.0 TVD:4600.1 I:90.1 A:357.4 VS:4312.8

#172 MD:8594.0 TVD:4599.8 I:90.8 A:357.4 VS:4344.8

#173 MD:8625.0 TVD:4599.4 I:90.7 A:357.8 VS:4375.7



#174 MD:8657.0 TVD:4598.9 I:91.0 A:357.7 VS:4407.7

#175 MD:8688.0 TVD:4598.2 I:91.6 A:357.6 VS:4438.7

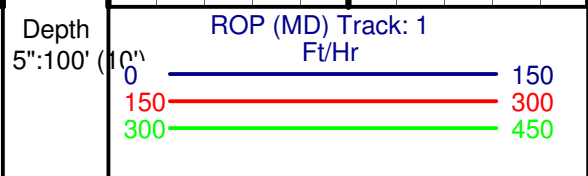
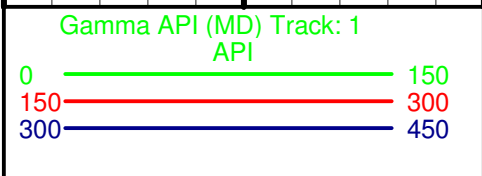
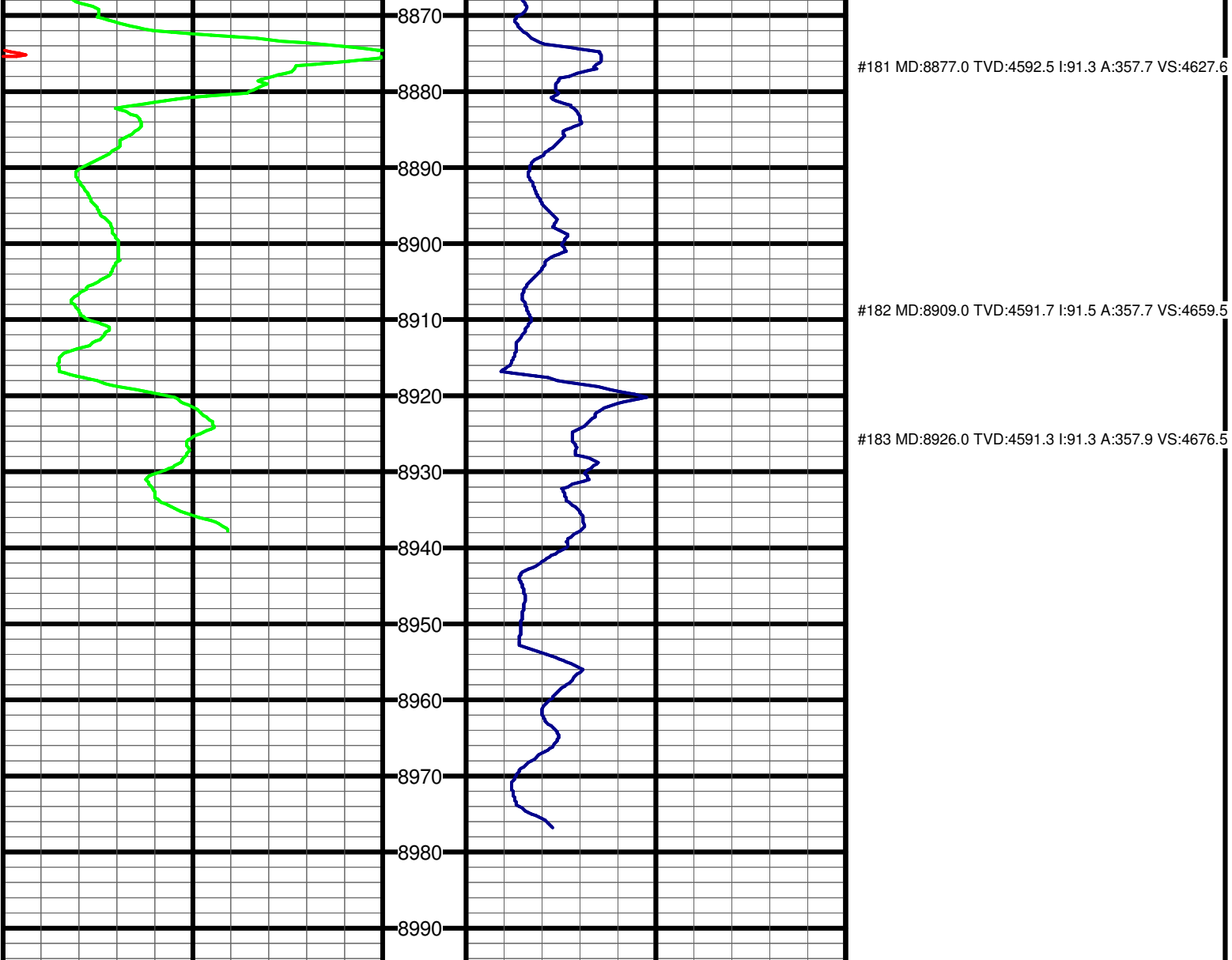
#176 MD:8720.0 TVD:4597.2 I:92.0 A:357.6 VS:4470.7

#177 MD:8751.0 TVD:4596.3 I:91.4 A:357.6 VS:4501.7

#178 MD:8782.0 TVD:4595.5 I:91.4 A:357.5 VS:4532.6

#179 MD:8814.0 TVD:4594.6 I:92.0 A:357.5 VS:4564.6

#180 MD:8846.0 TVD:4593.4 I:92.2 A:357.2 VS:4596.6



Depth
5":100' (10")

