



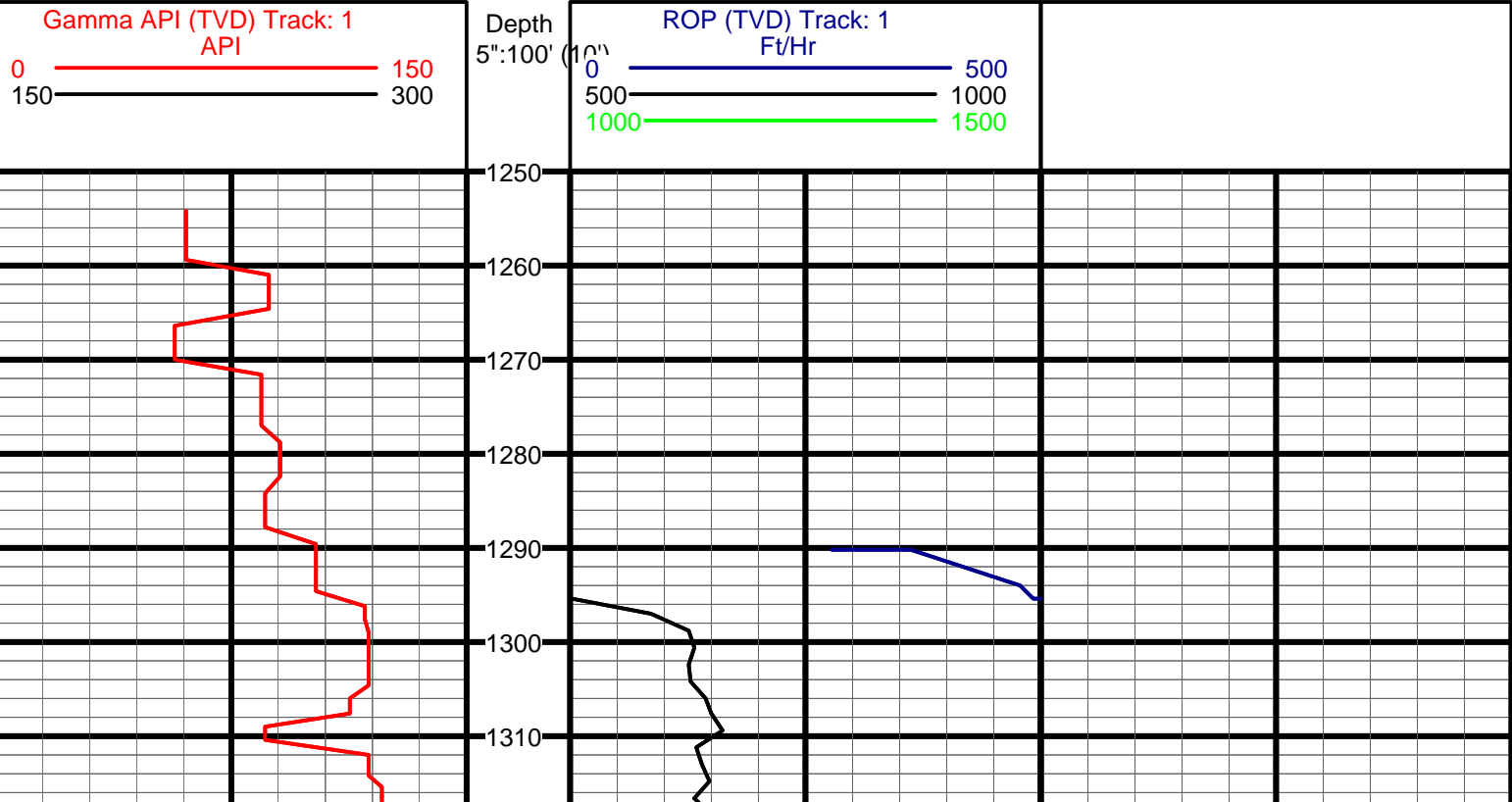
KAUFMAN PC GL20-68HN FINAL 5" TVD  
(Scale: 5":100' (10'))

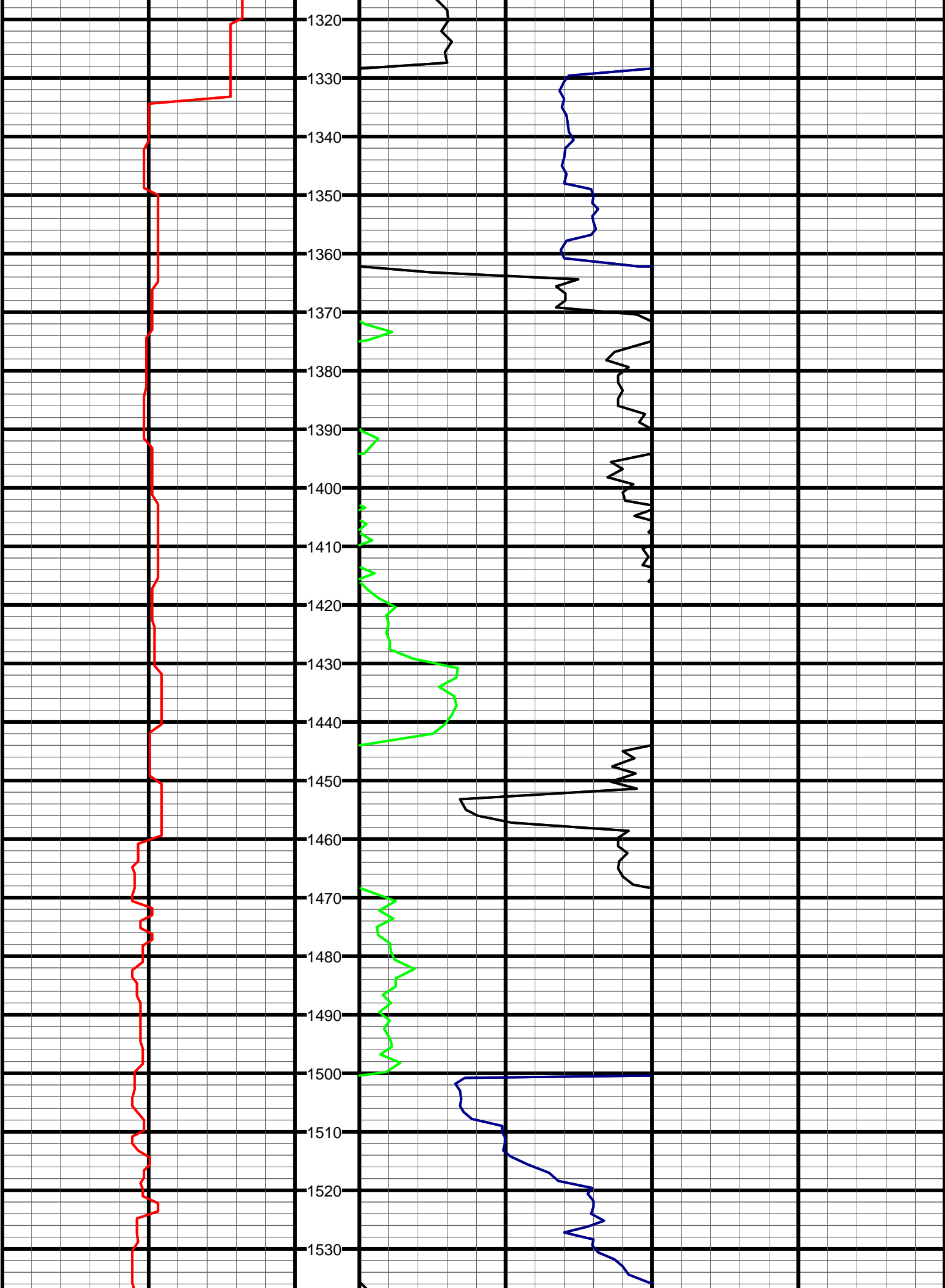
Company: NOBLE ENERGY, INC.  
Well: KAUFMAN PC GL20-68HN  
Field: WILDCAT  
Well ID: 05-123-35887-00  
Job Number: RM-12938  
Location: LAT: 40° 54' 53.964 N / LONG: 104° 7' 33.708 W  
Operator 1: CHRIS ABBOTT  
Operator 2: TROY MARDESEN

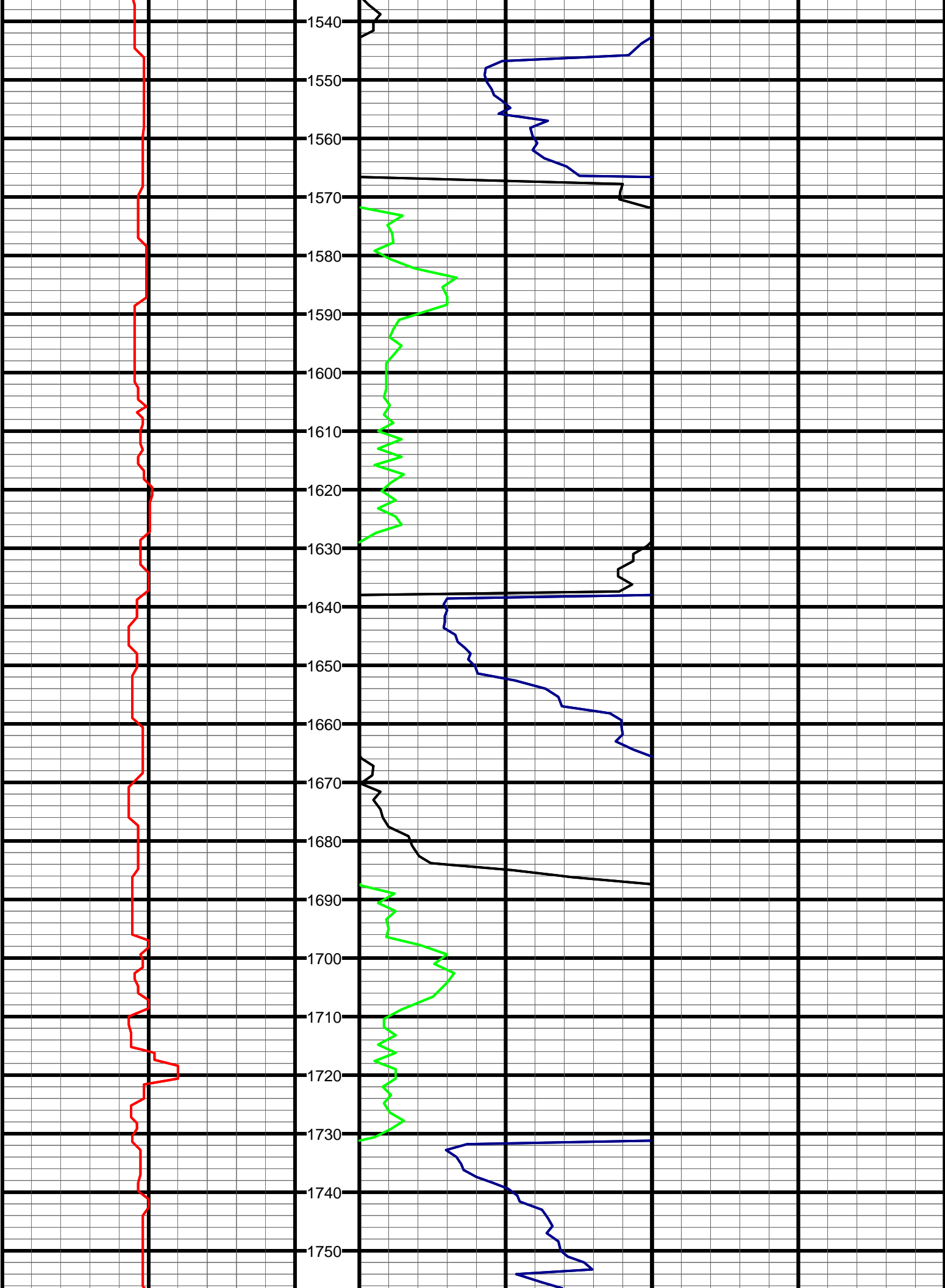
State: COLORADO  
County: WELD  
Country: USA  
  
Elev KB: 5,312'  
Elev DF: N/A  
Elev GL: 5,282'

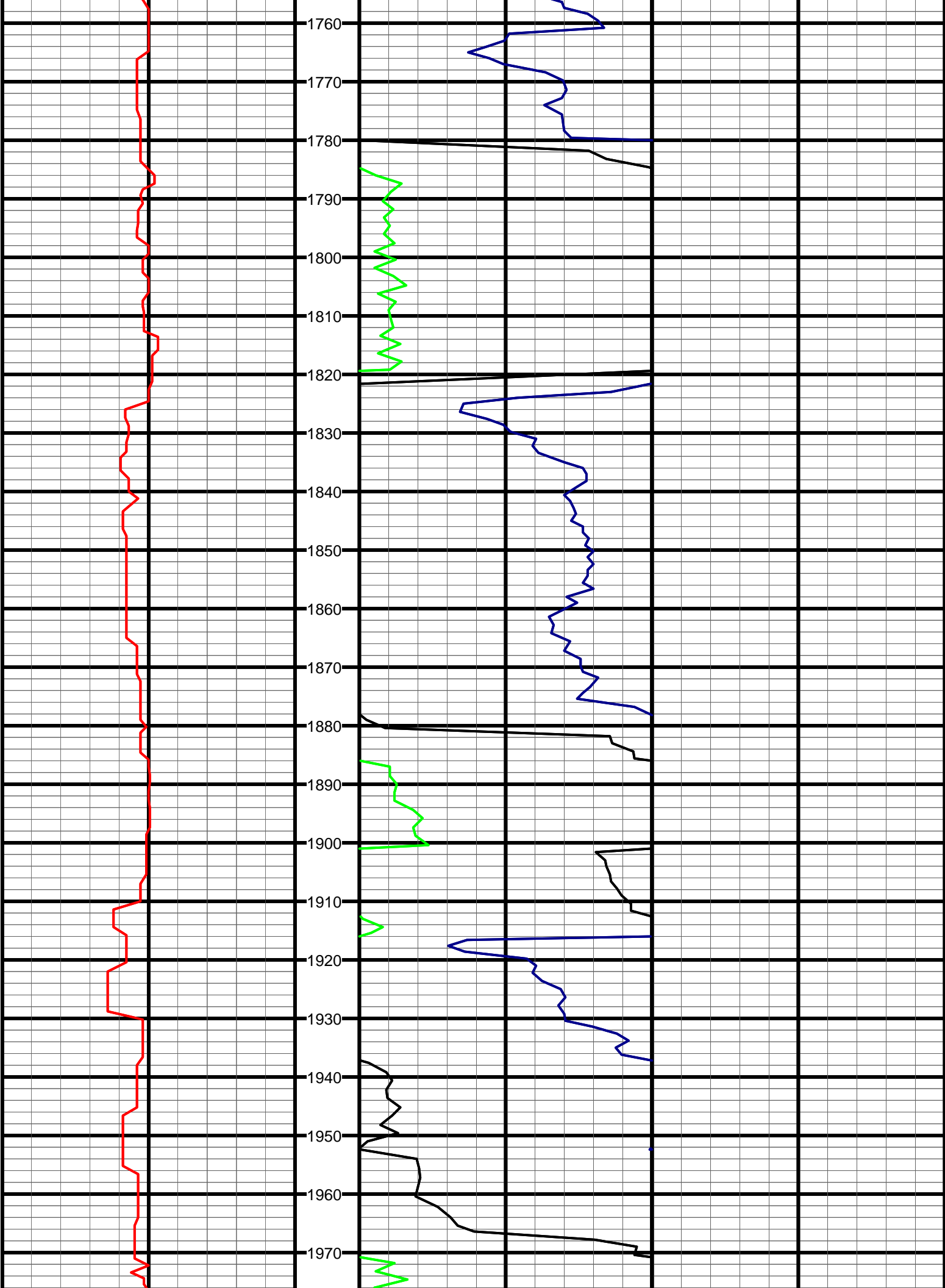
Comment 1: TIE INTO SURFACE CASING AT 1,279'  
Comment 2:  
Comment 3:  
Comment 4:  
Comment 5:

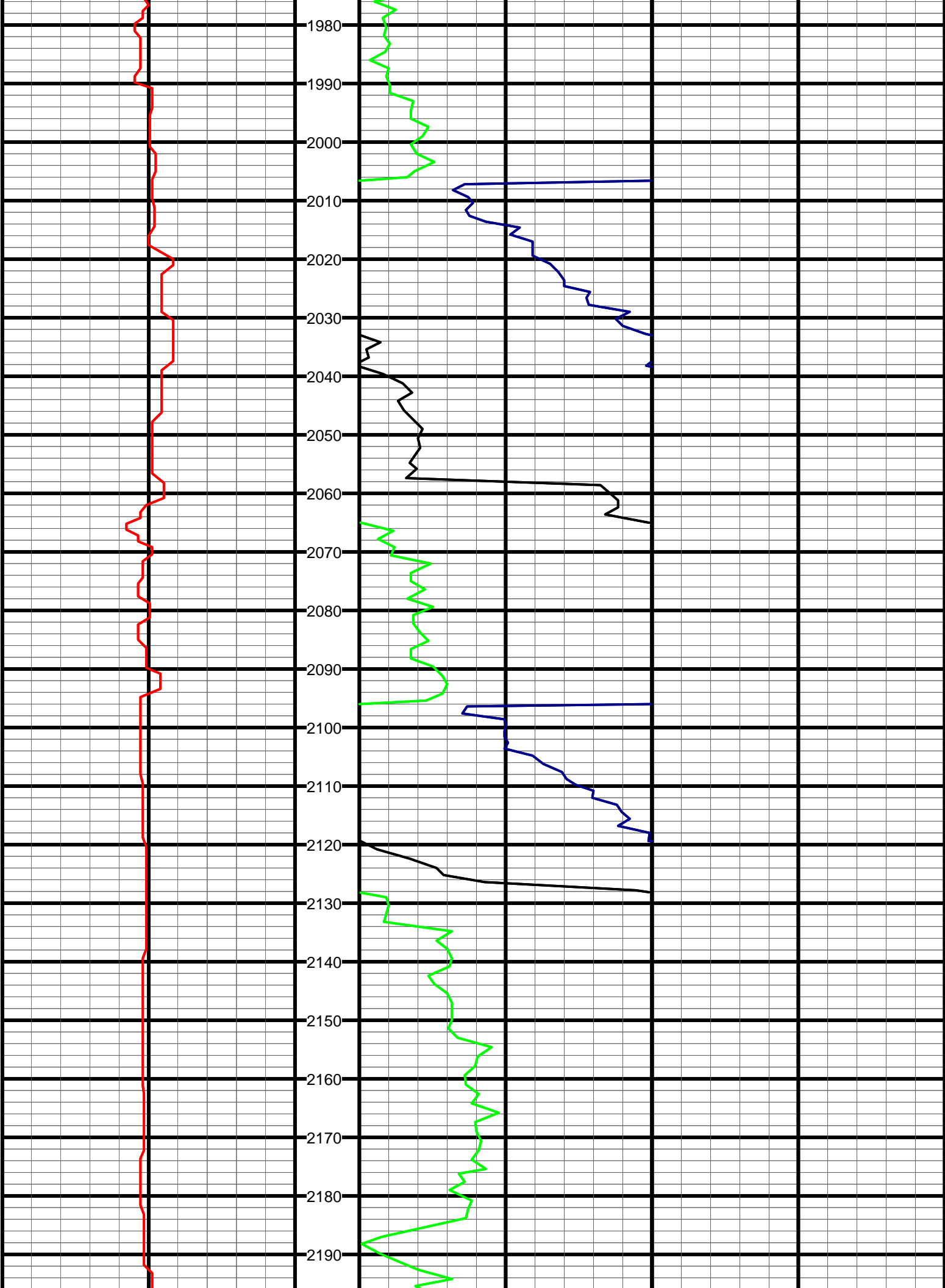
Hole Data			Casing Record			
Size	From	To	Size	From	To	
13 3/4"	0'	1,289'	9 5/8"	0	1,279'	
8 3/4"	1,289'	7,304'	7"	1,279'	7,290'	
6 1/8"	7,304'	11,290'				
Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5	
Tool S/N	2422	2422	2422	2422	1836	
Cal Factor	3.875	3.875	3.875	2.25	2.036	
Gamma Offset	36	36	36	49	49	
Start Depth	1,289'	6,167'	7,114'	7,304'	7,756'	
Start Date	12/15/2012	12/16/2012	12/17/2012	12/20/2012	12/20/2012	
Start Time	10:00	16:00	16:00	03:00	22:30	
End Depth	6,167'	7,114'	7,304'	7,756'	11,290'	
End Date	12/16/2012	12/17/2012	12/17/12	12/20/12	12/22/2012	
End Time	07:00	04:30	21:00	13:00	12:00	

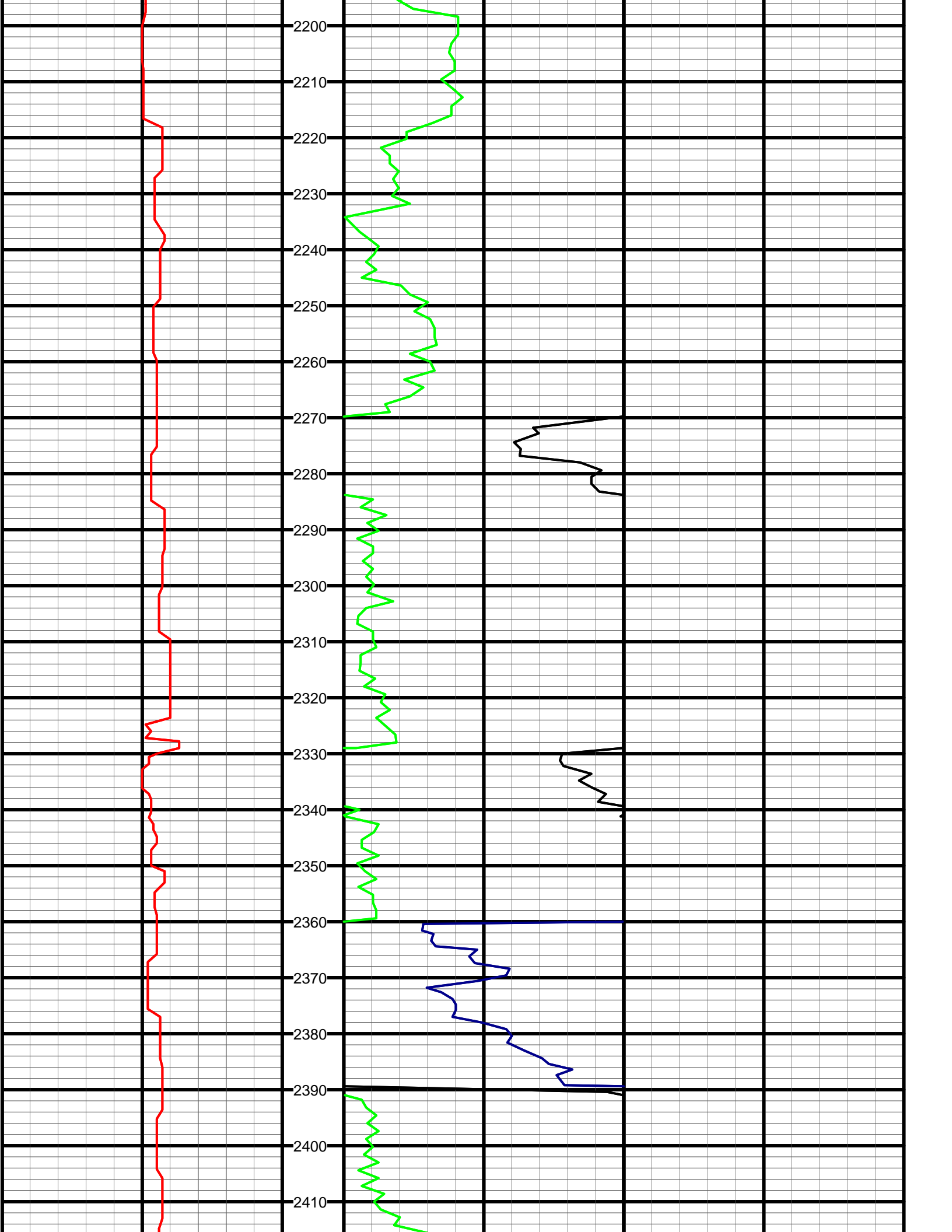


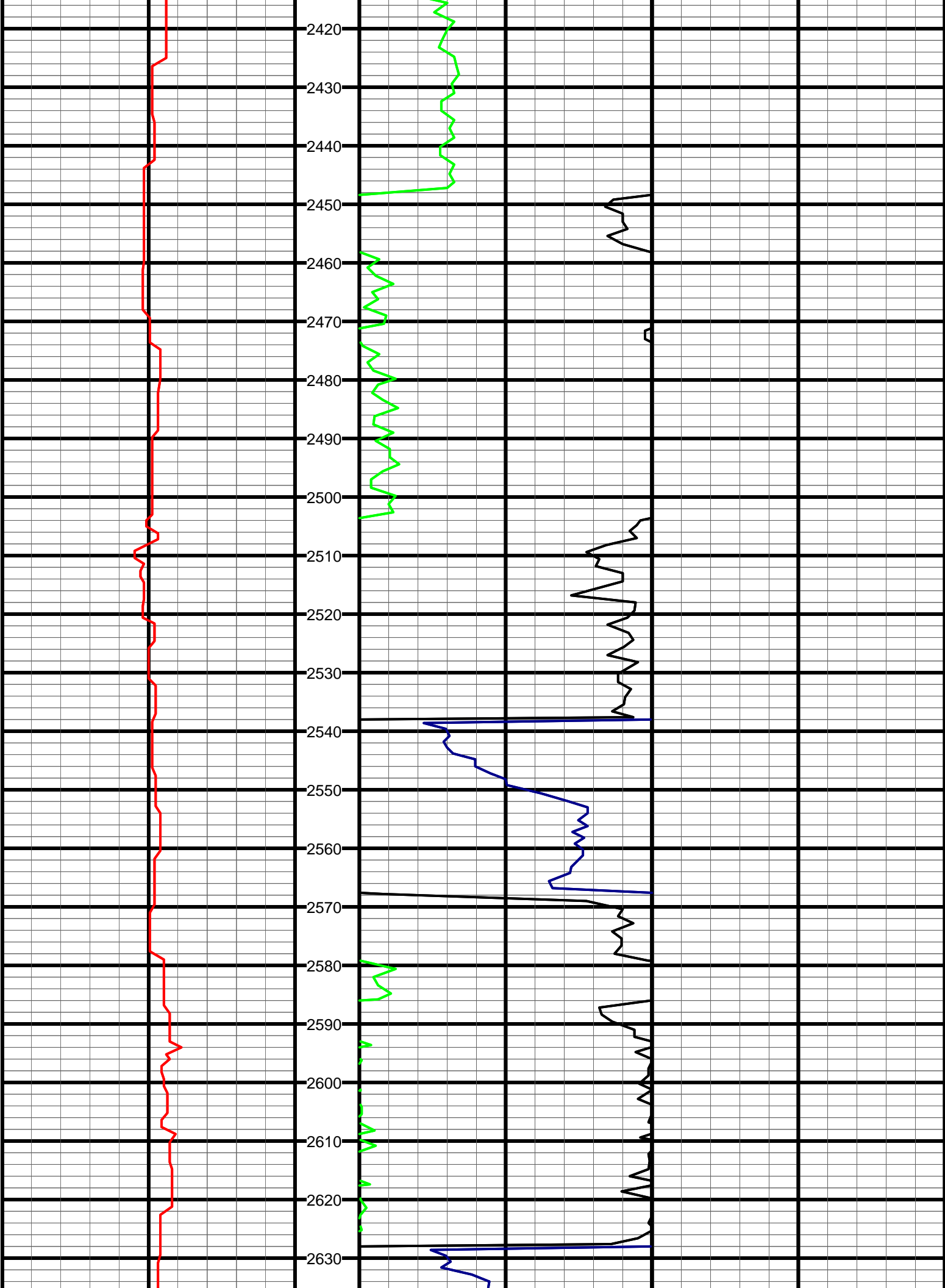


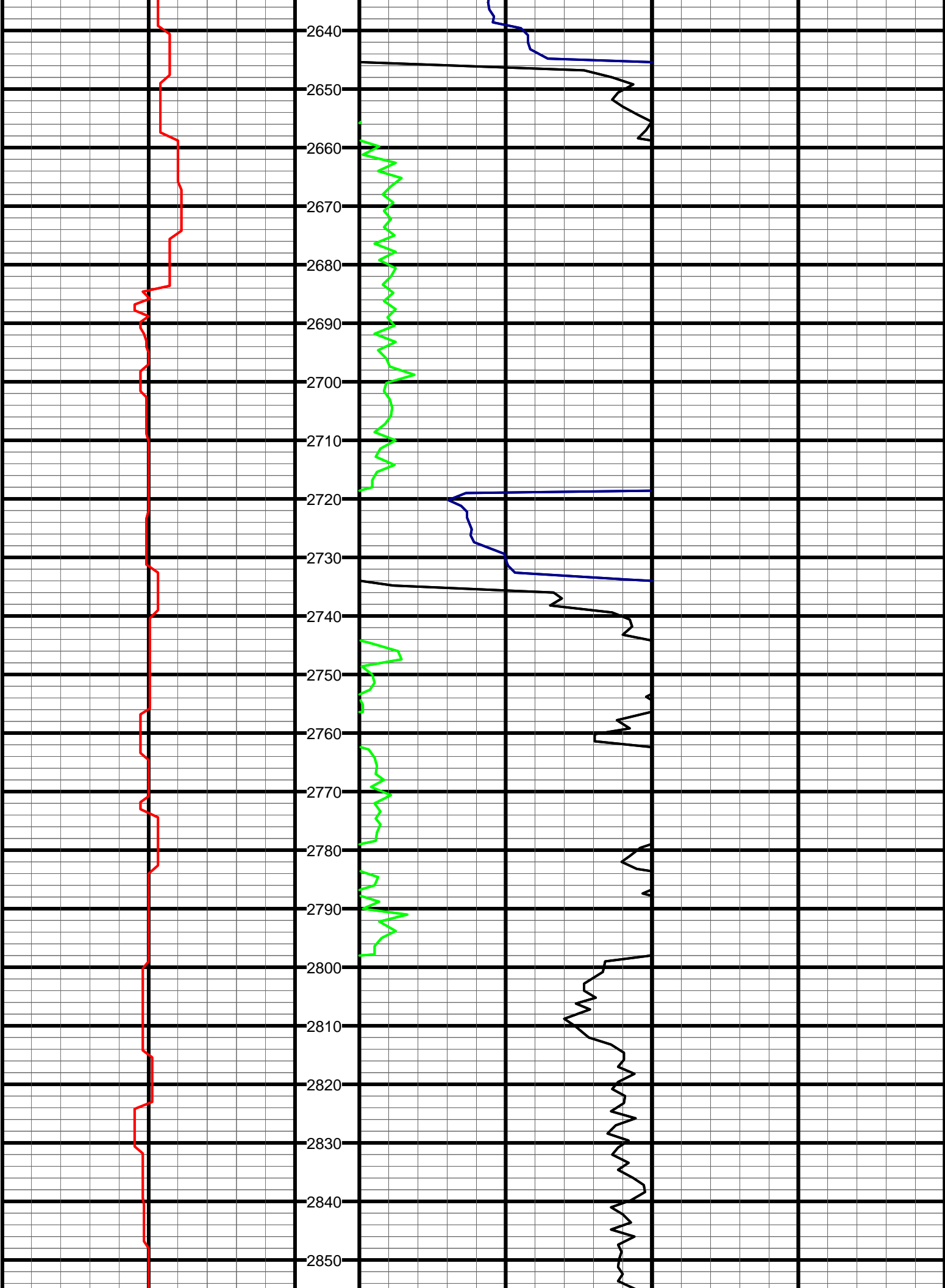




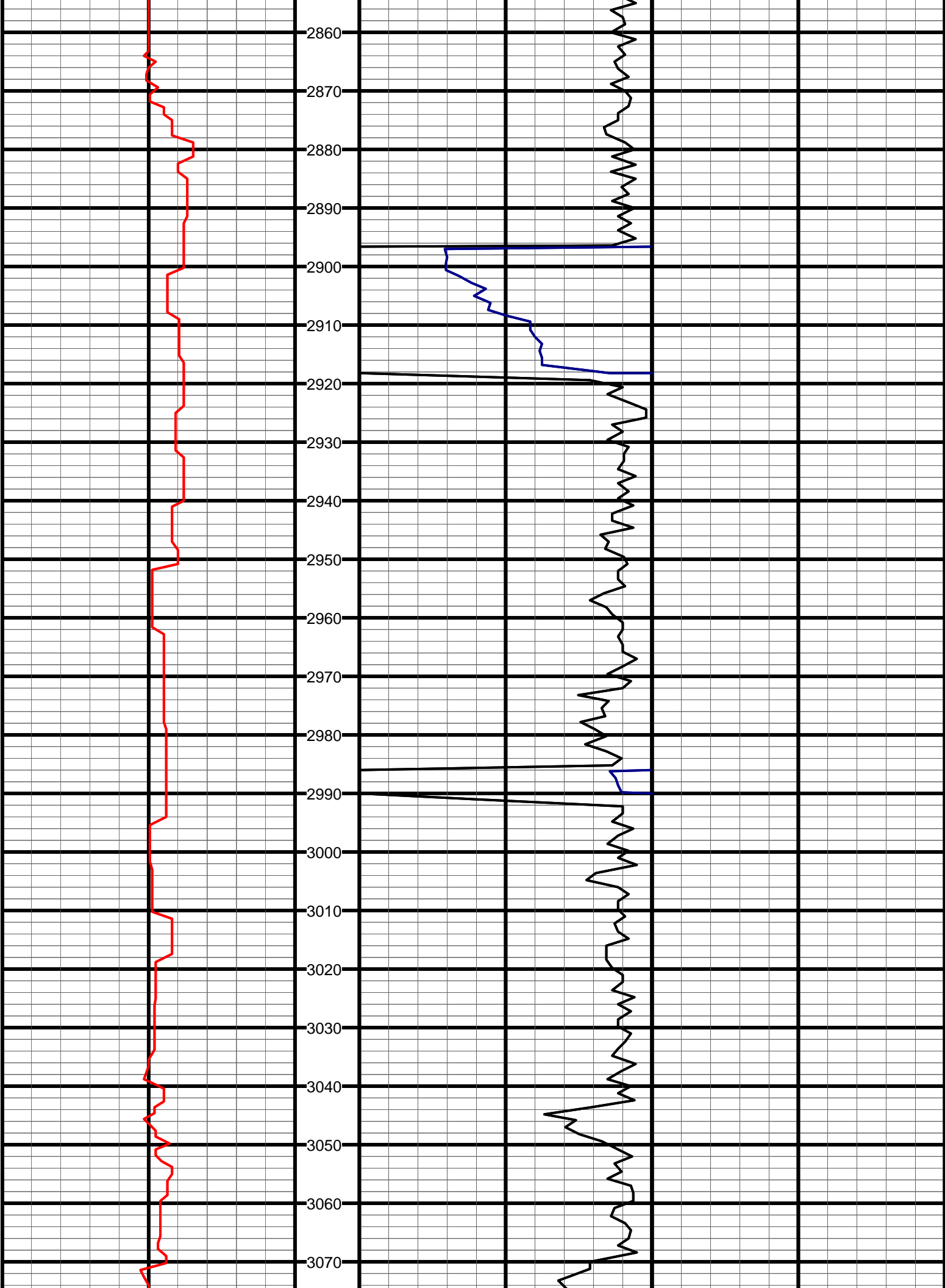


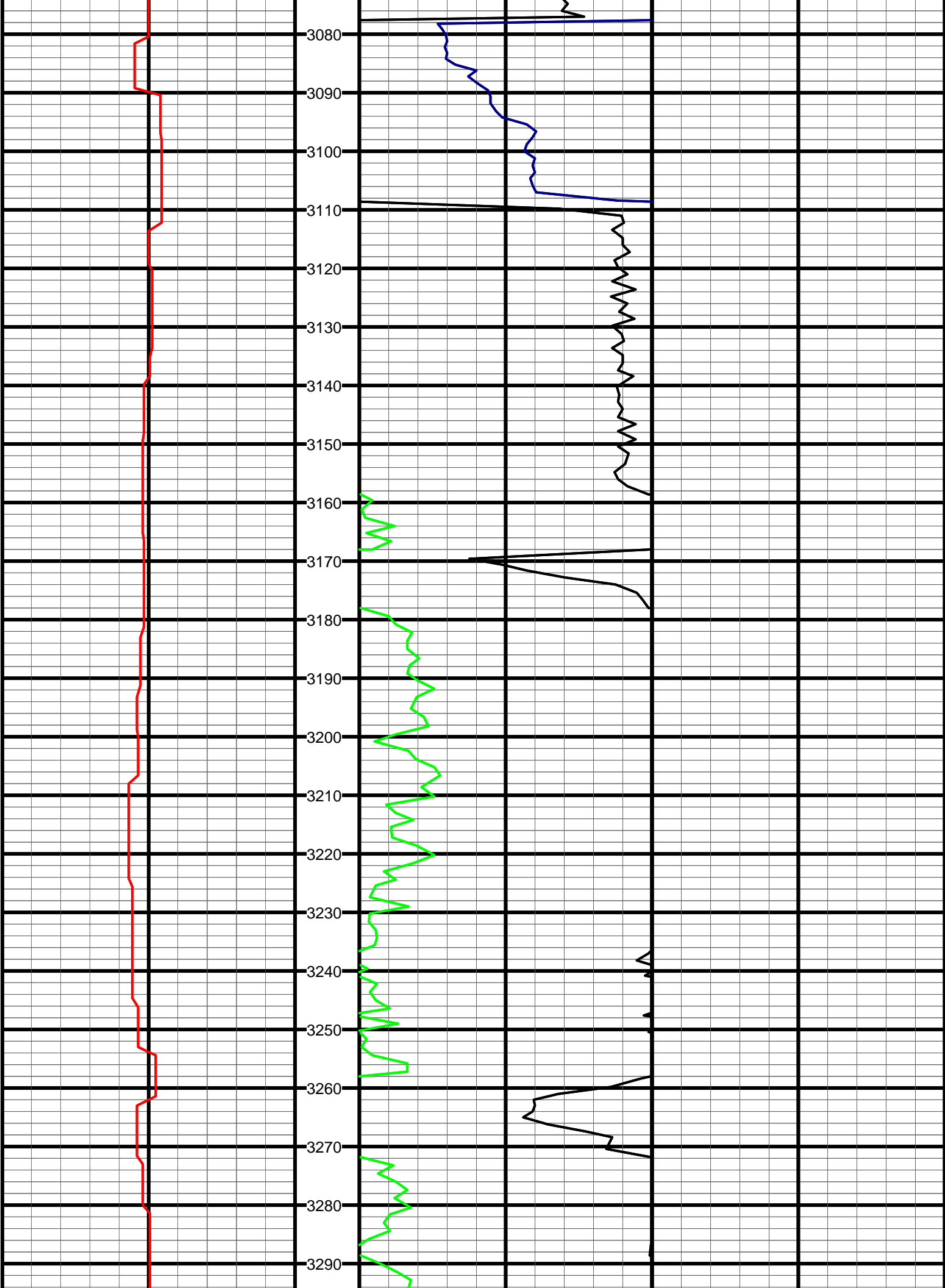


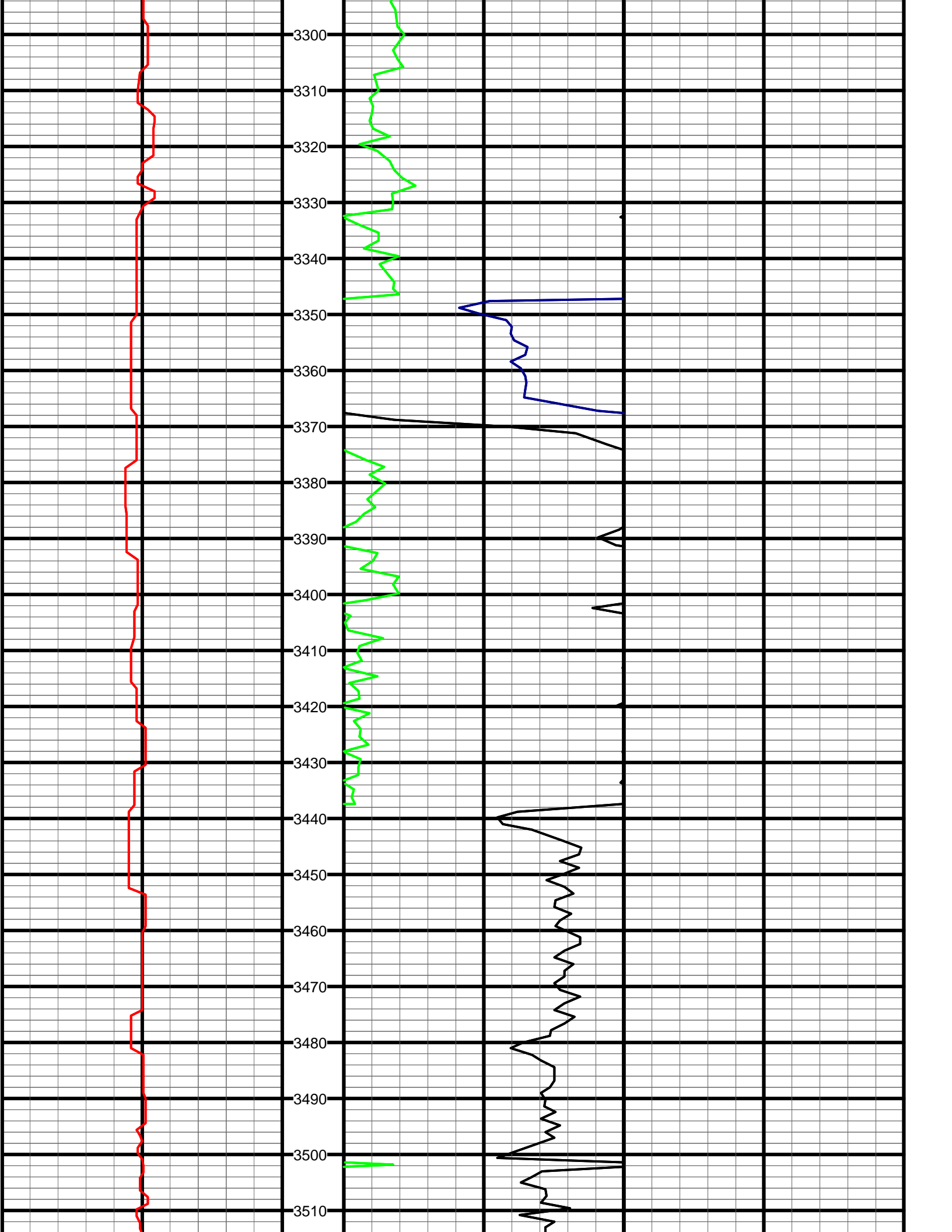


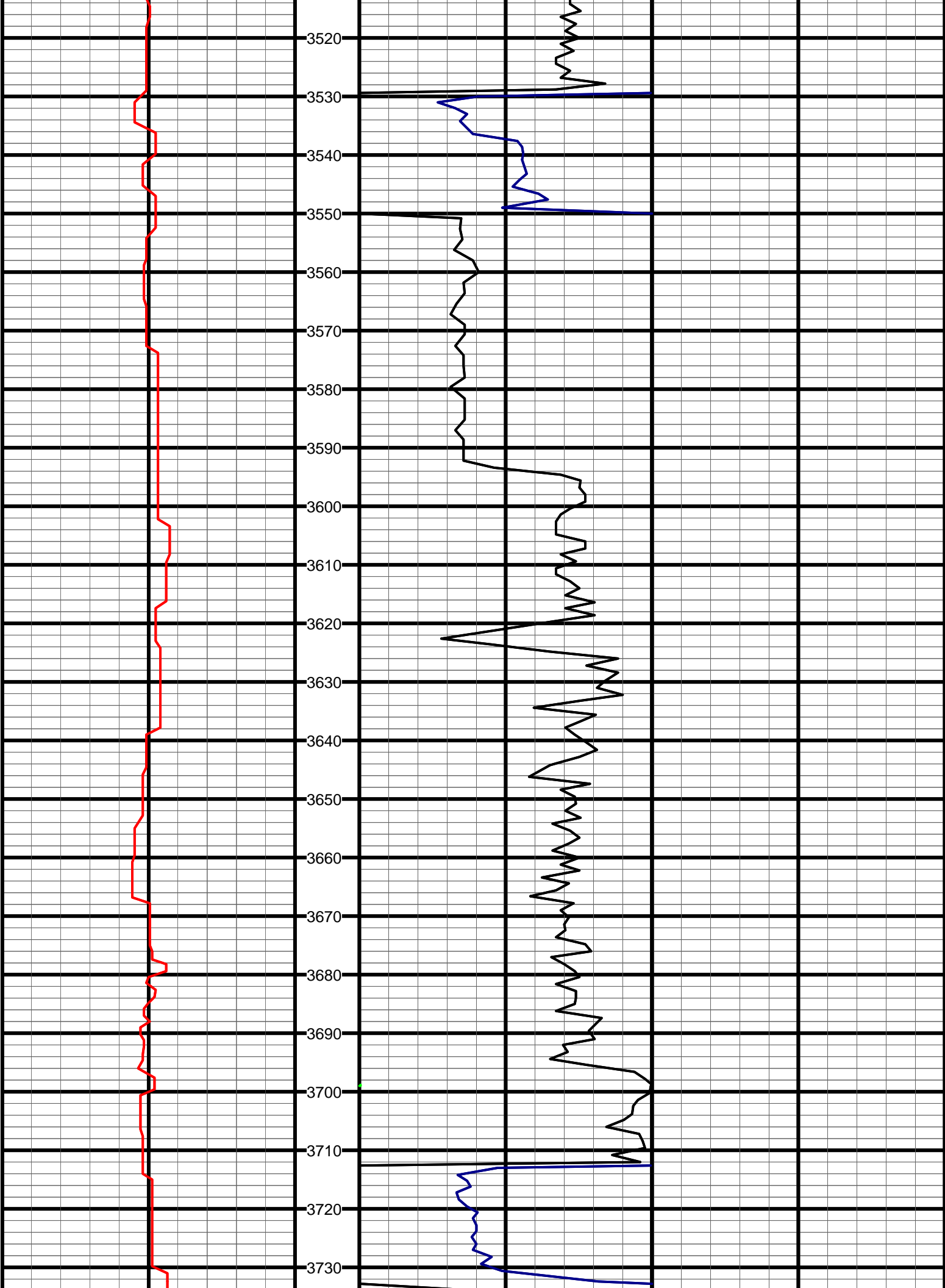


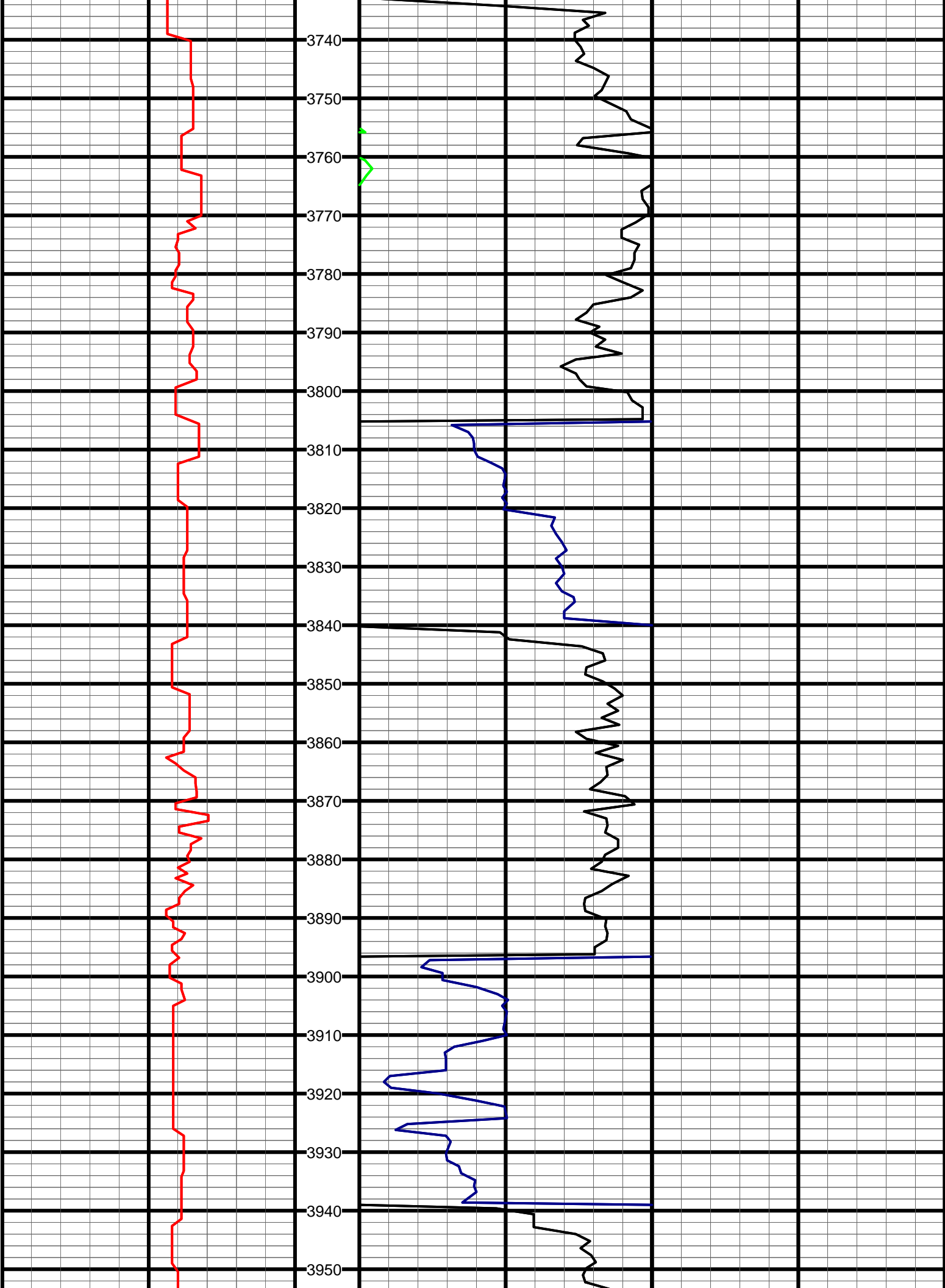


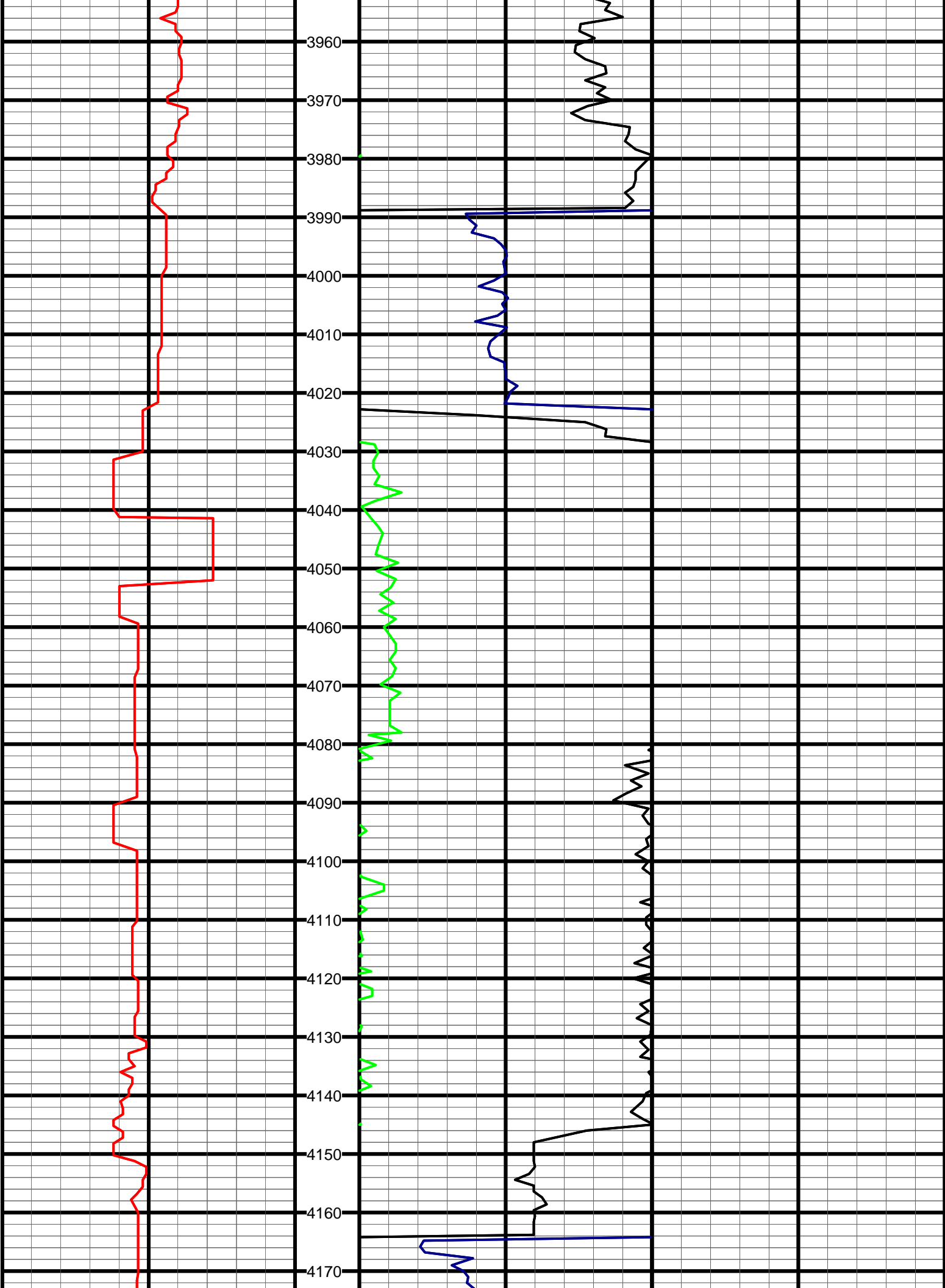


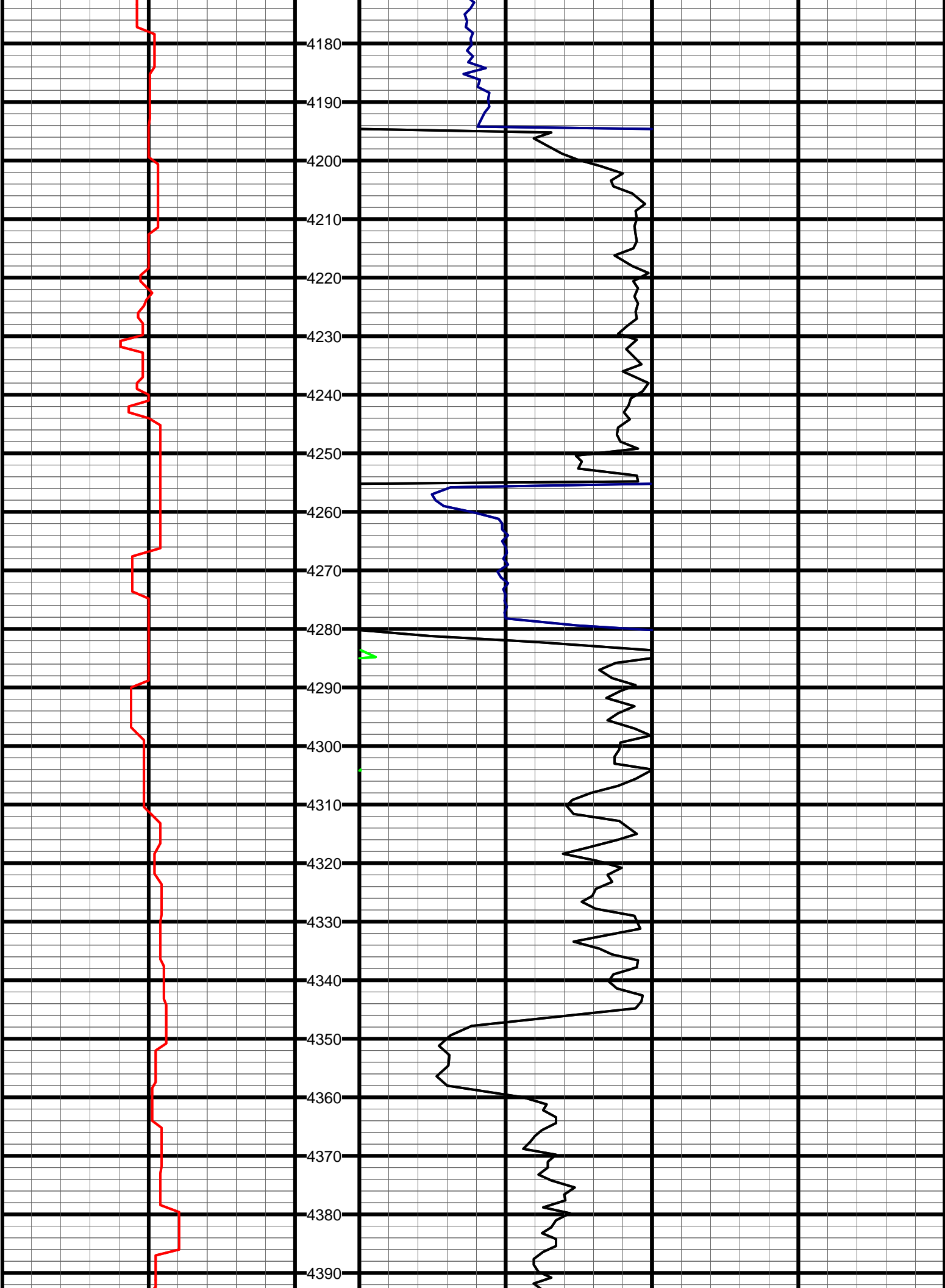


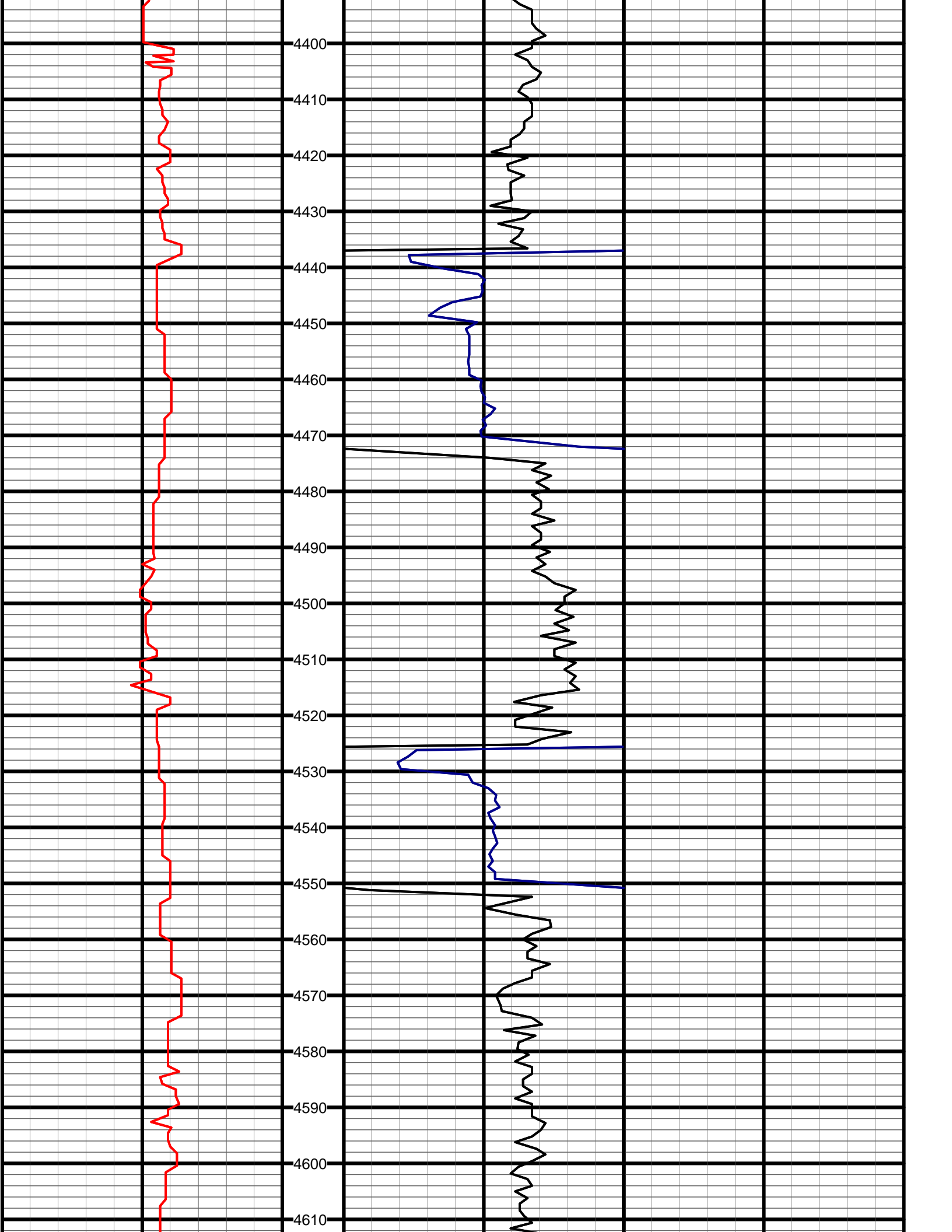




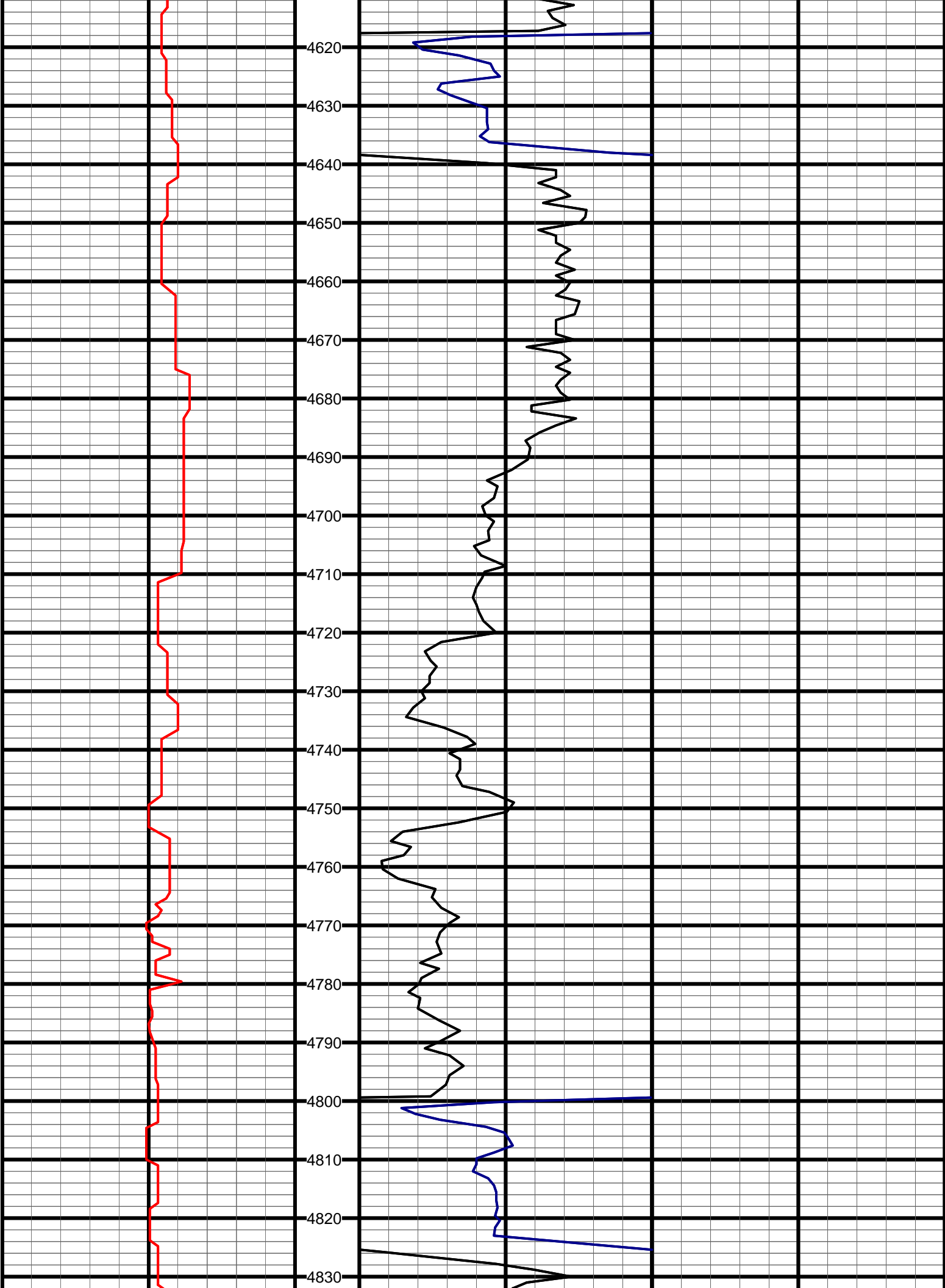


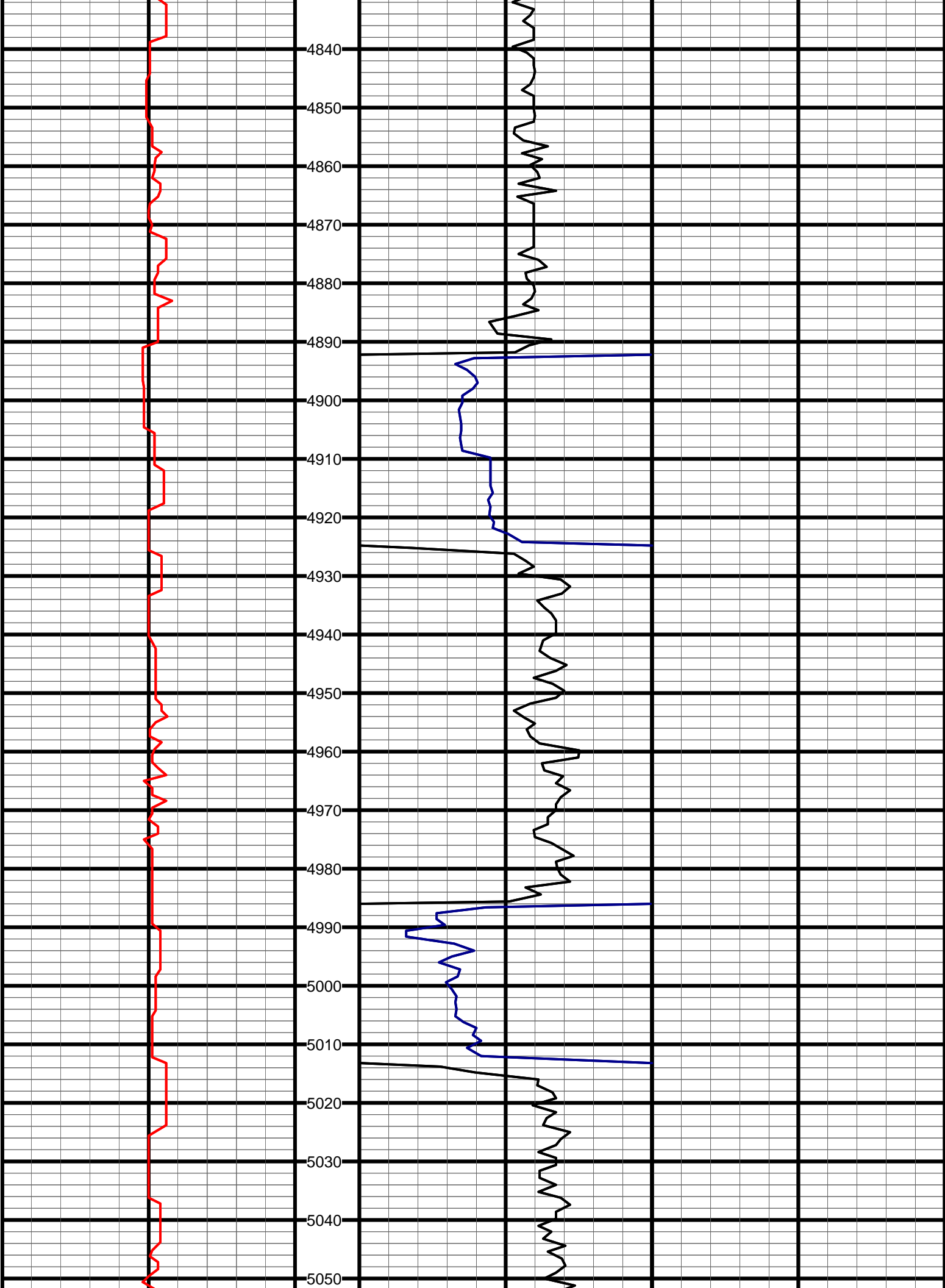


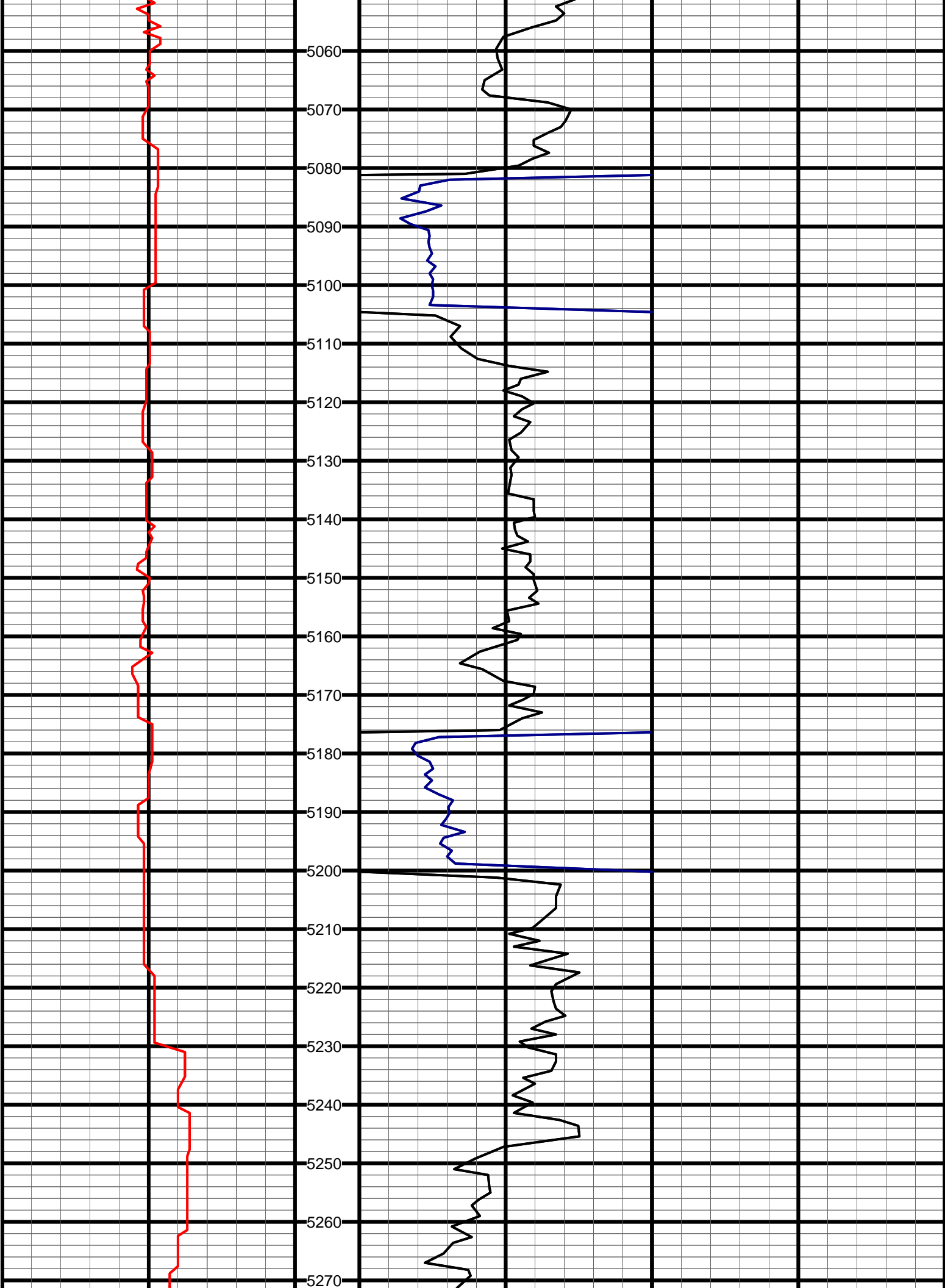


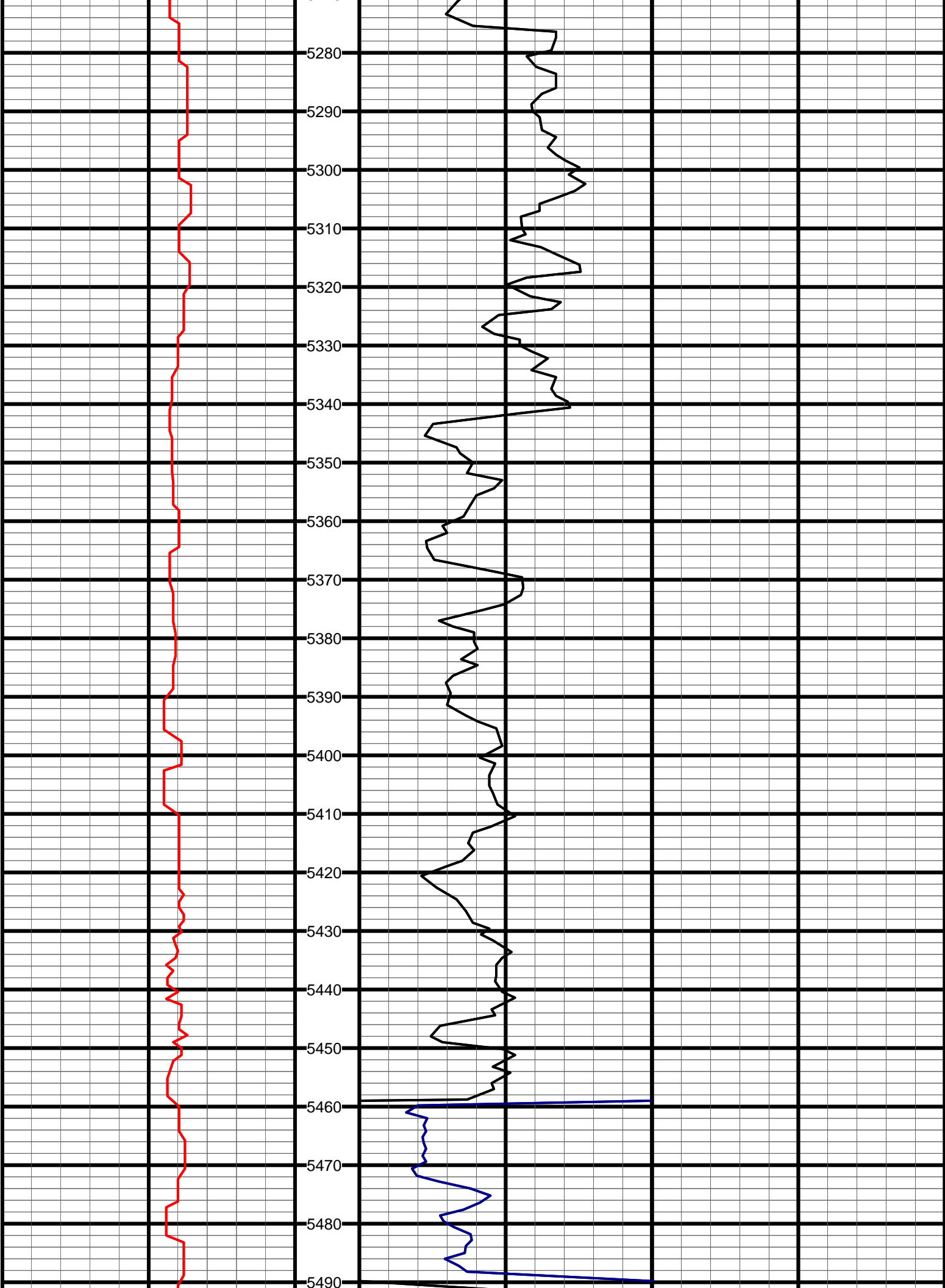


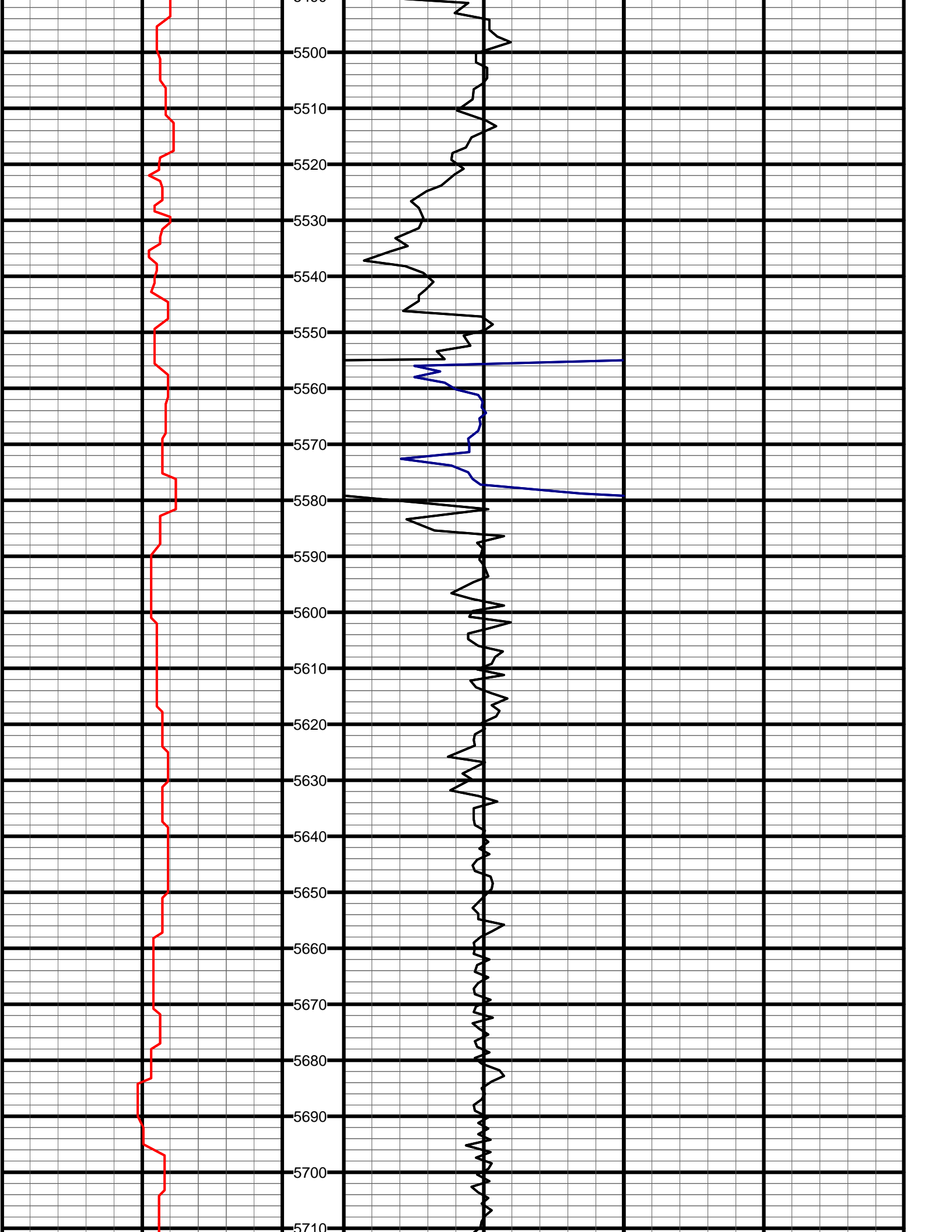


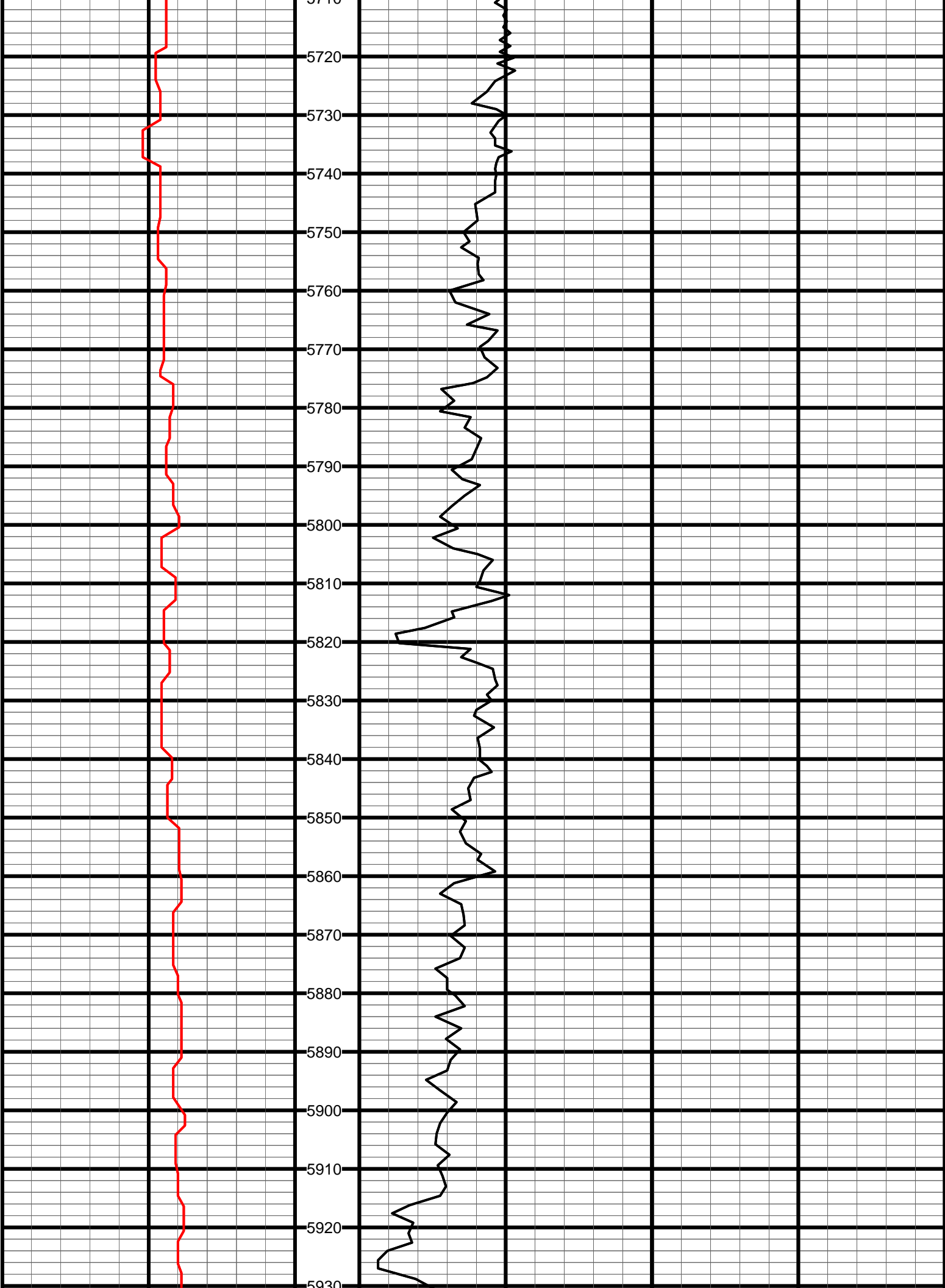


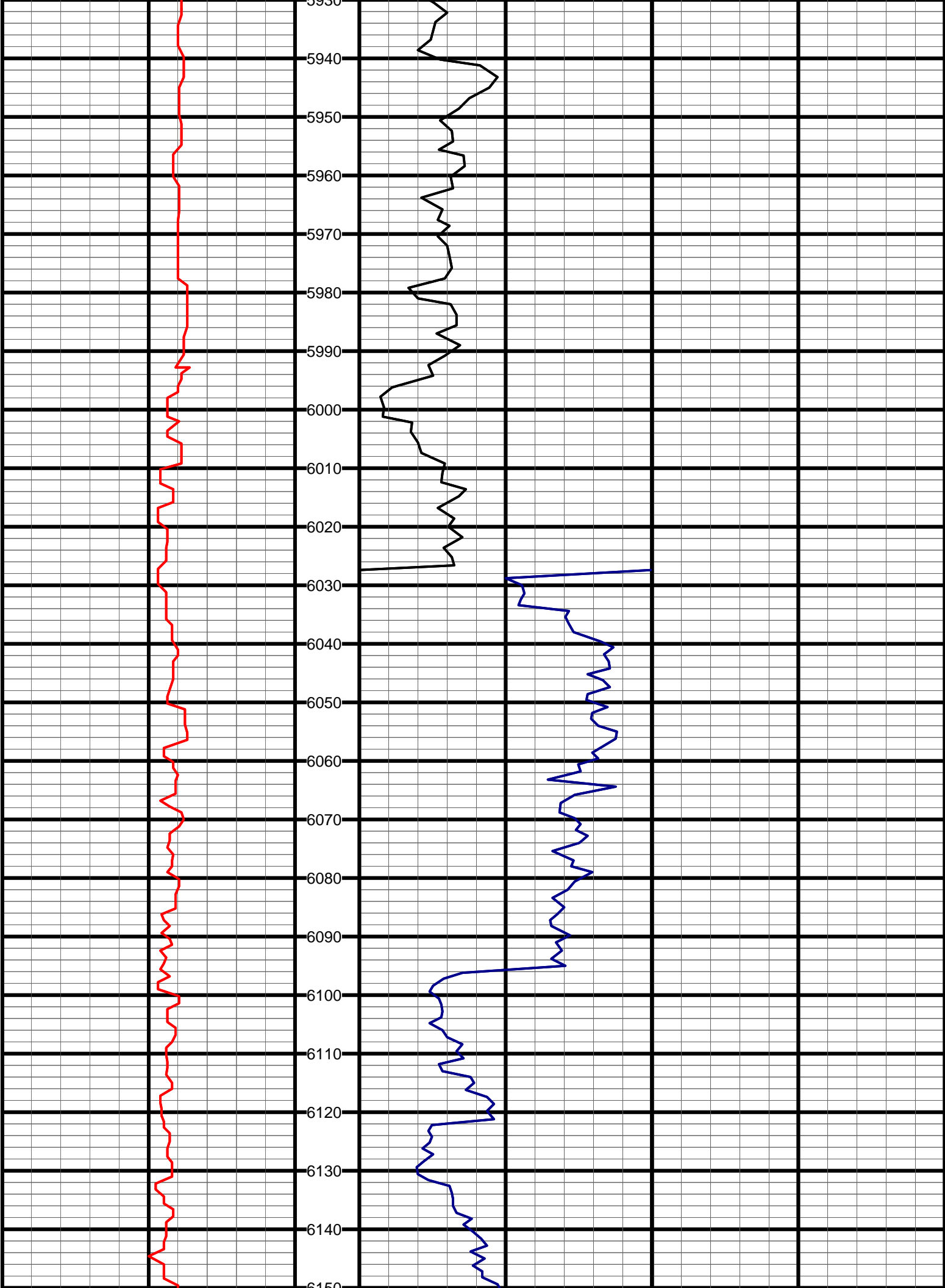


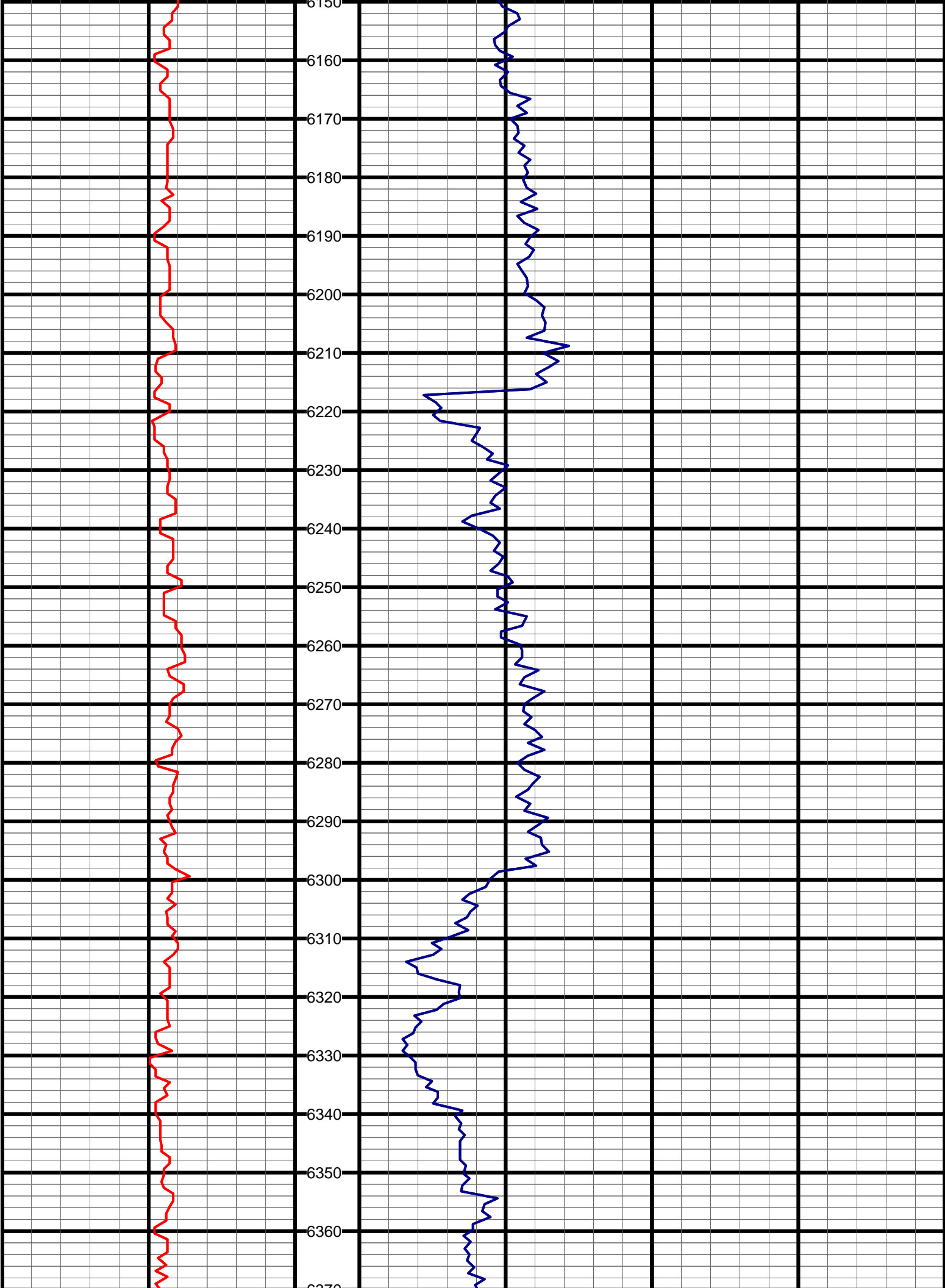




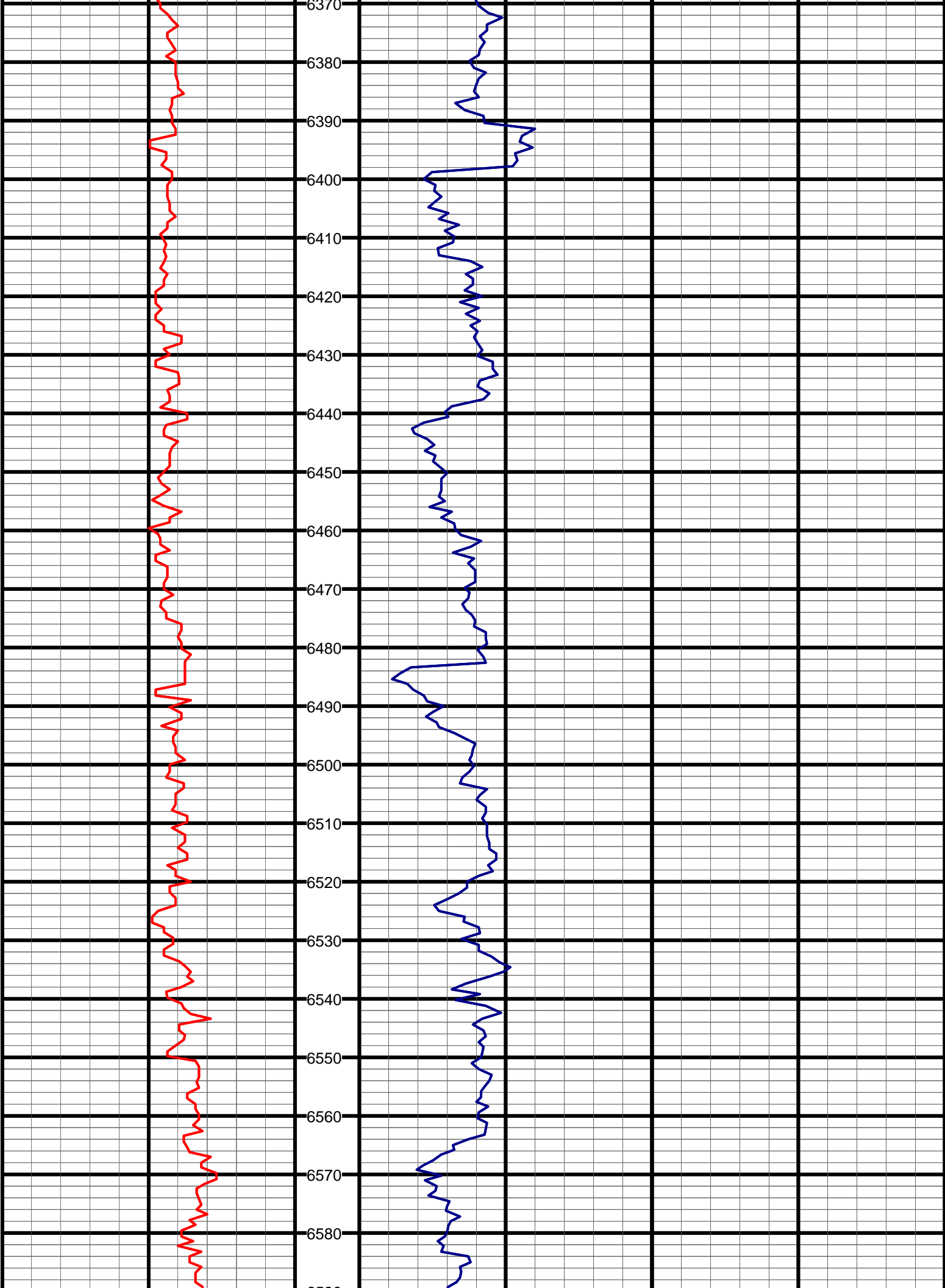


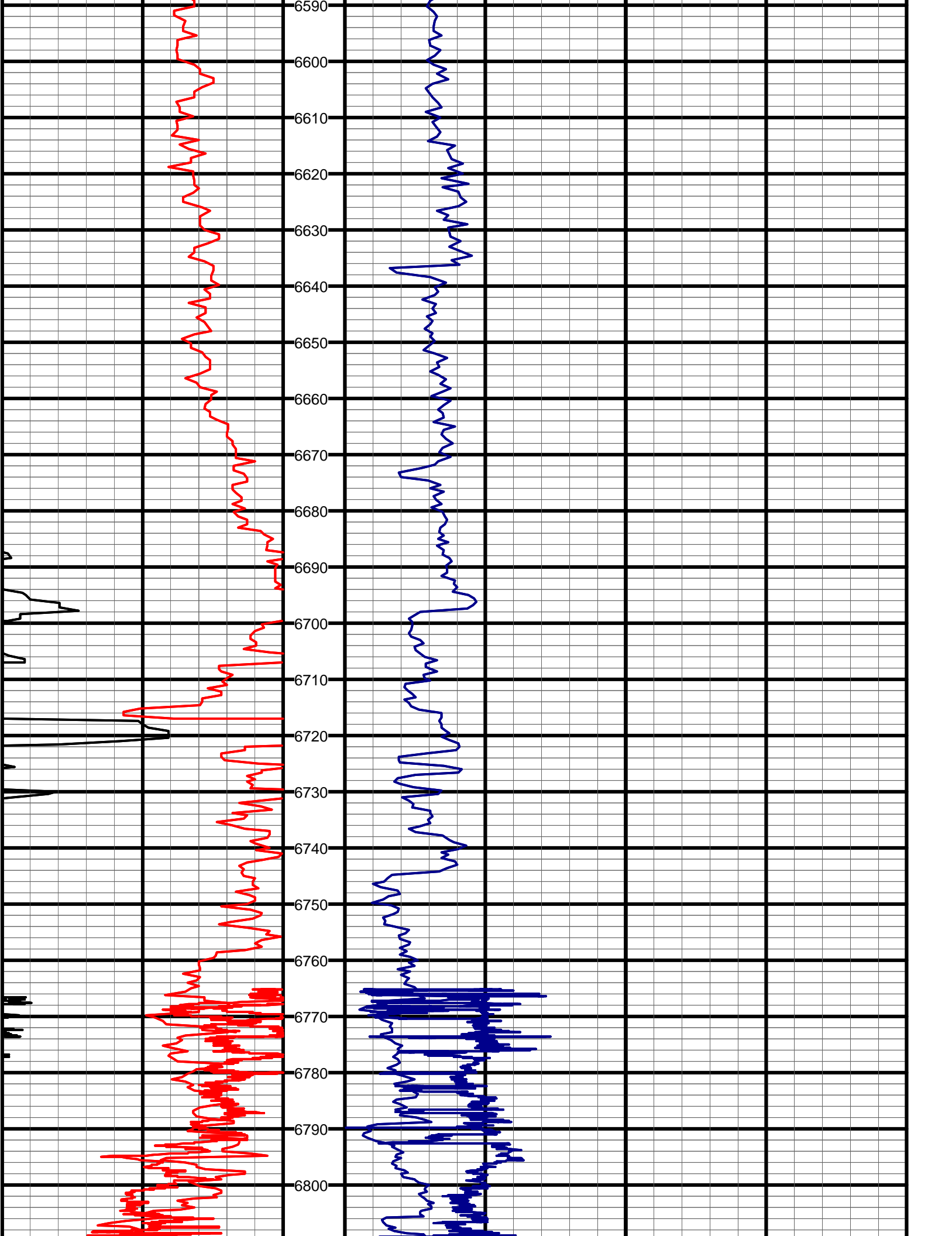


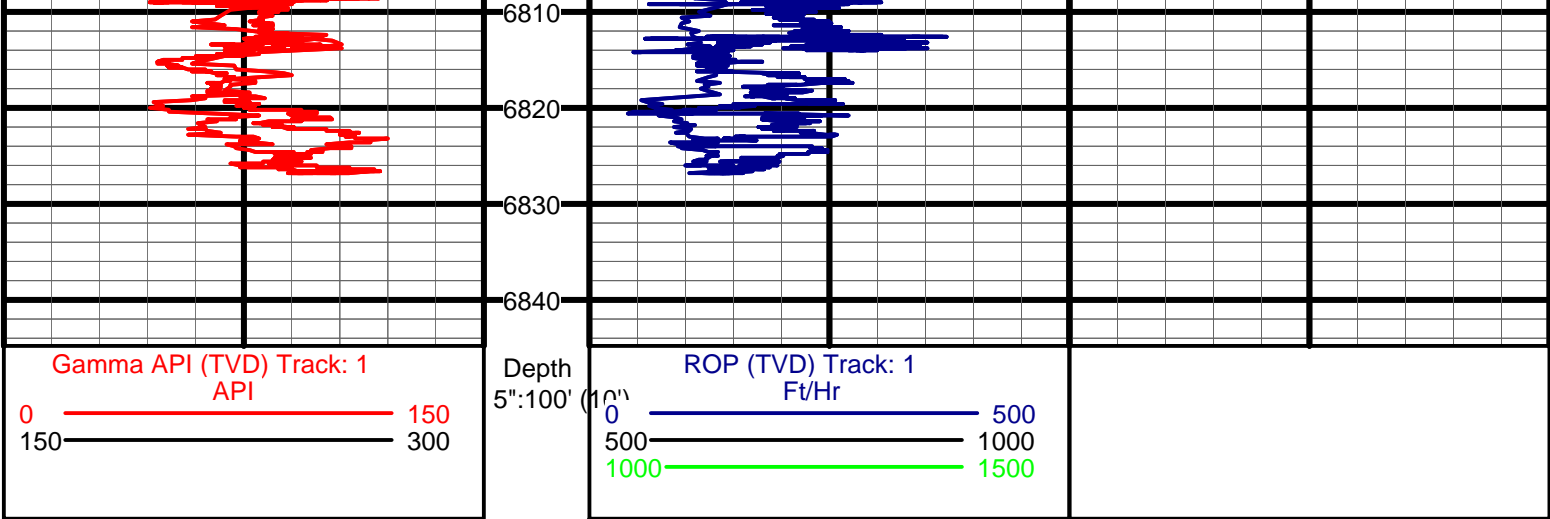
















KAUFMAN PC GL20-68HN FINAL 1" TVD  
(Scale: 1"=100' (100'))

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