

Date	03-27-2015		
Run Number	1		
Depth Driller	13,592 FT		
Depth Logger	5,277 FT		
Bottom Logged Interval	5,277 FT		
Top Logged Interval	200 FT		
Fluid Type	Water		
Fluid Top	Surface		
Max. Rec. Temperature	---		
Estimated Cement Top	---		
Time on Bottom	9:00		
Unit Number	HD 0119		
Location	Ft. Lupton		
Recorded By	A. Ellsworth		
Witnessed By	G. Chandler		

Casing Record				
String	Size	Weight	Top	Bottom
1	16 inch	84 lbs./ft	17 FT	97 FT
2	9.625 inch	36 lbs./ft	17 FT	1,859.3 FT
3	7 inch	29 lbs./ft	17 FT	6,278 FT
4	4.5 inch	11.6 lbs./ft	5,219.4 FT	13,740 FT

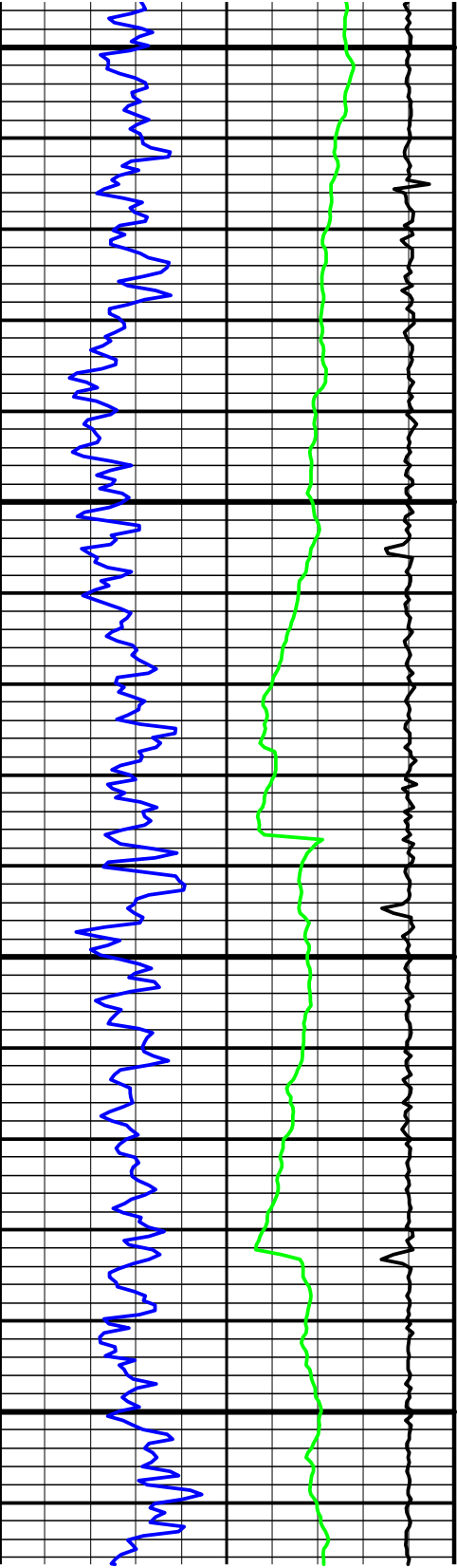
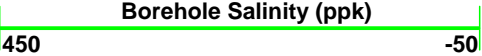
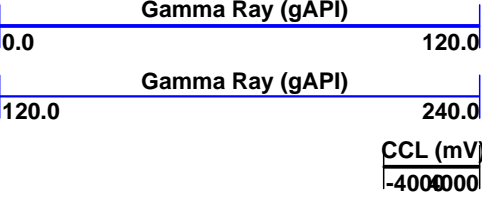
REMARKS
Log was ran as per customers request Log correlated to top of liner @ 5,219 FT

In making interpretations of logs, Contractor's employees will give the customer the benefit of their best judgement, but since all interpretations are opinions, based on inferences from electrical or other measurements, Contractor cannot, and does not, guarantee the accuracy or the correctness of any interpretation.

Main Pass

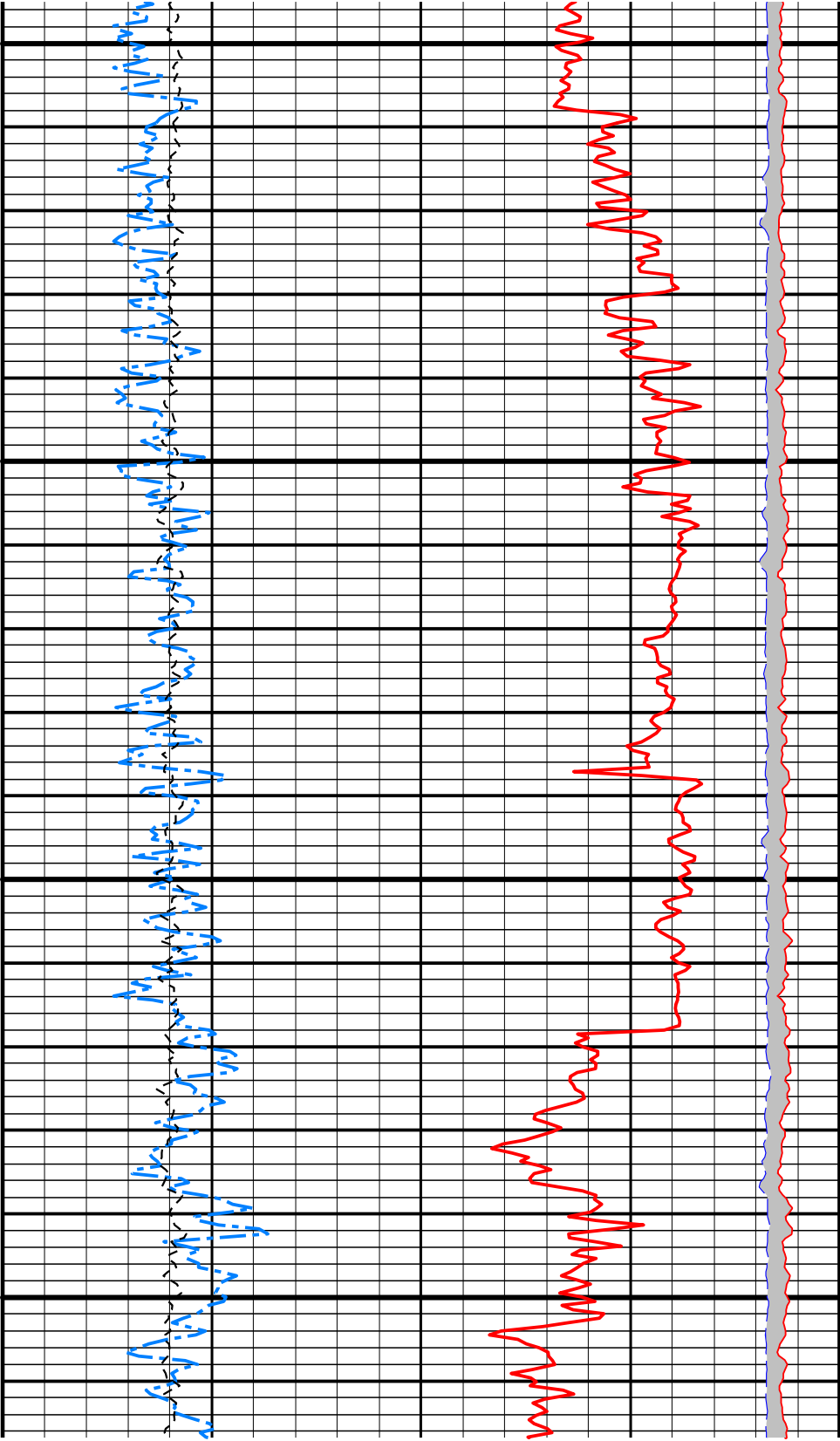
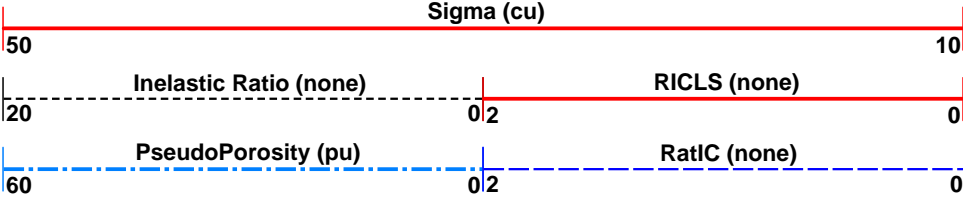
Company : Whiting Oil & Gas Corp
Well : Razor 11G-1409A
Scale : 1 : 240
Depth in : Feet
Software : WinAPIot Ver. 5, 89, 20, 0

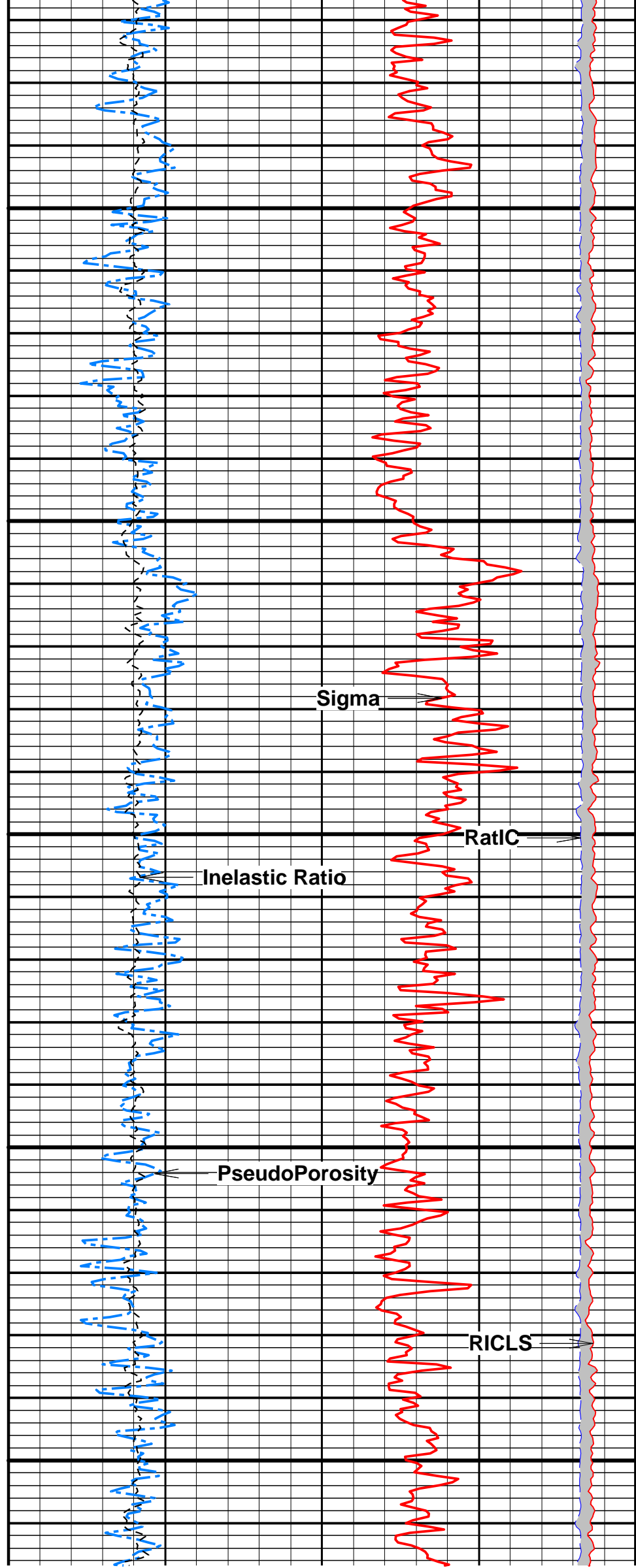
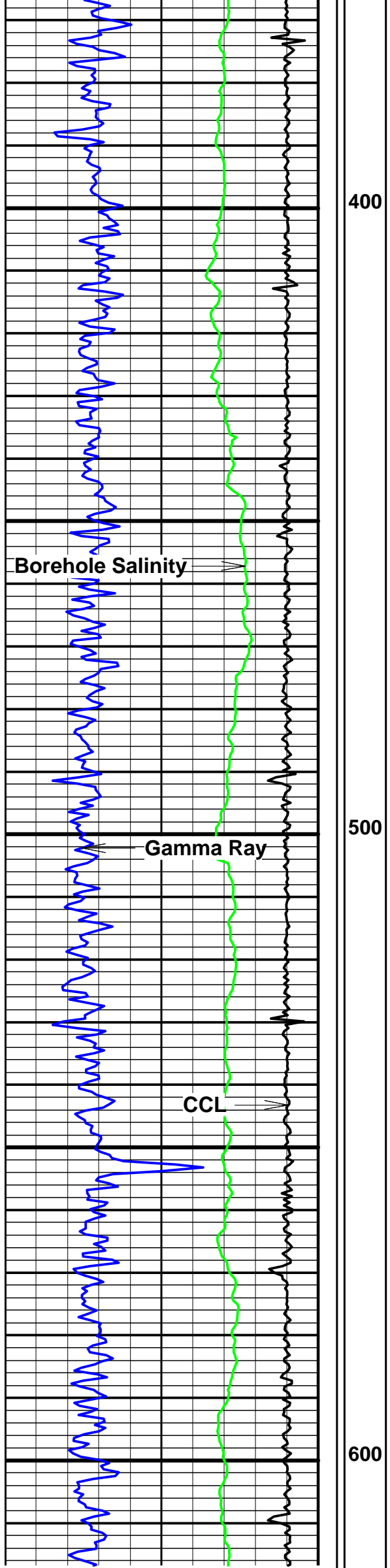
Date : 03-27-2015
Time : 09:37:21
Remarks :
File Name : Main Merged

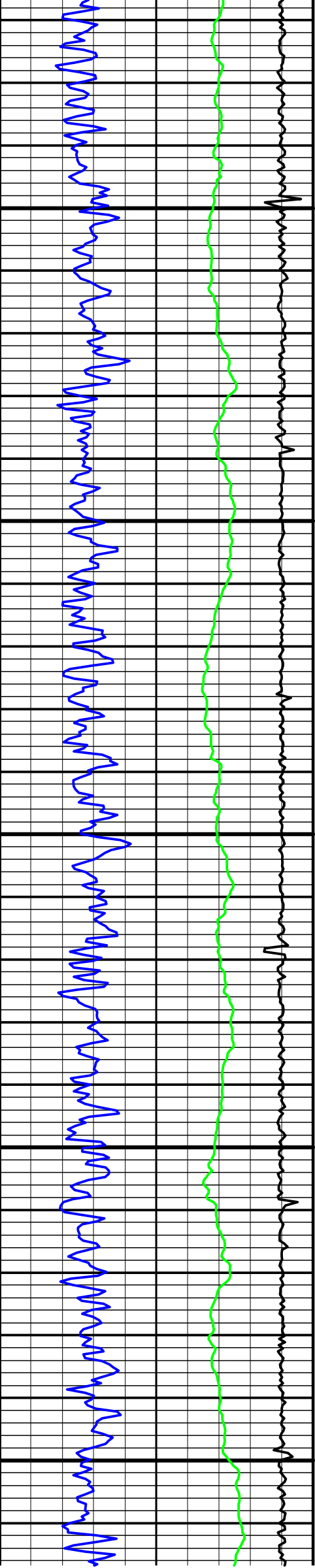


200

300

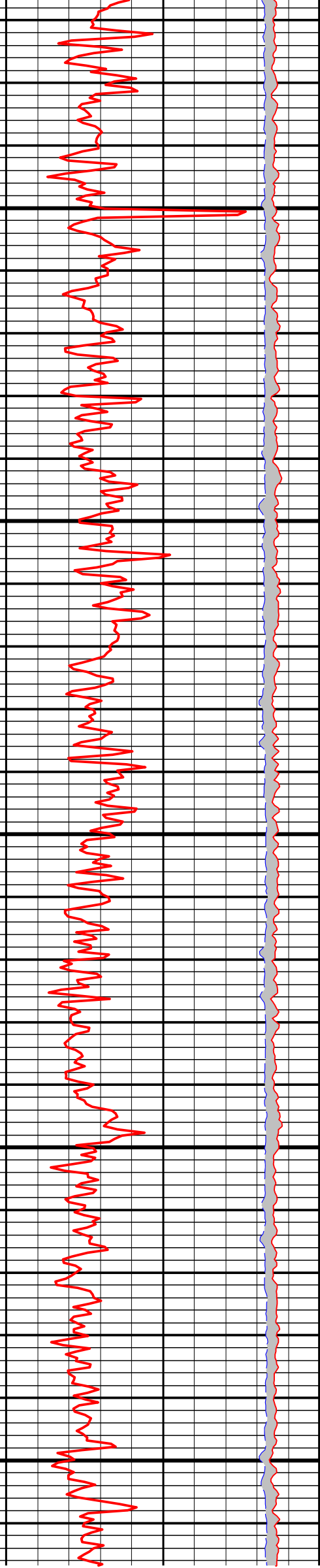
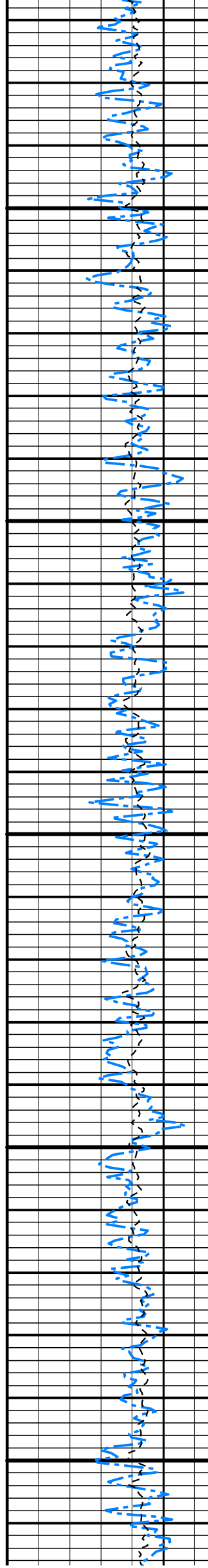


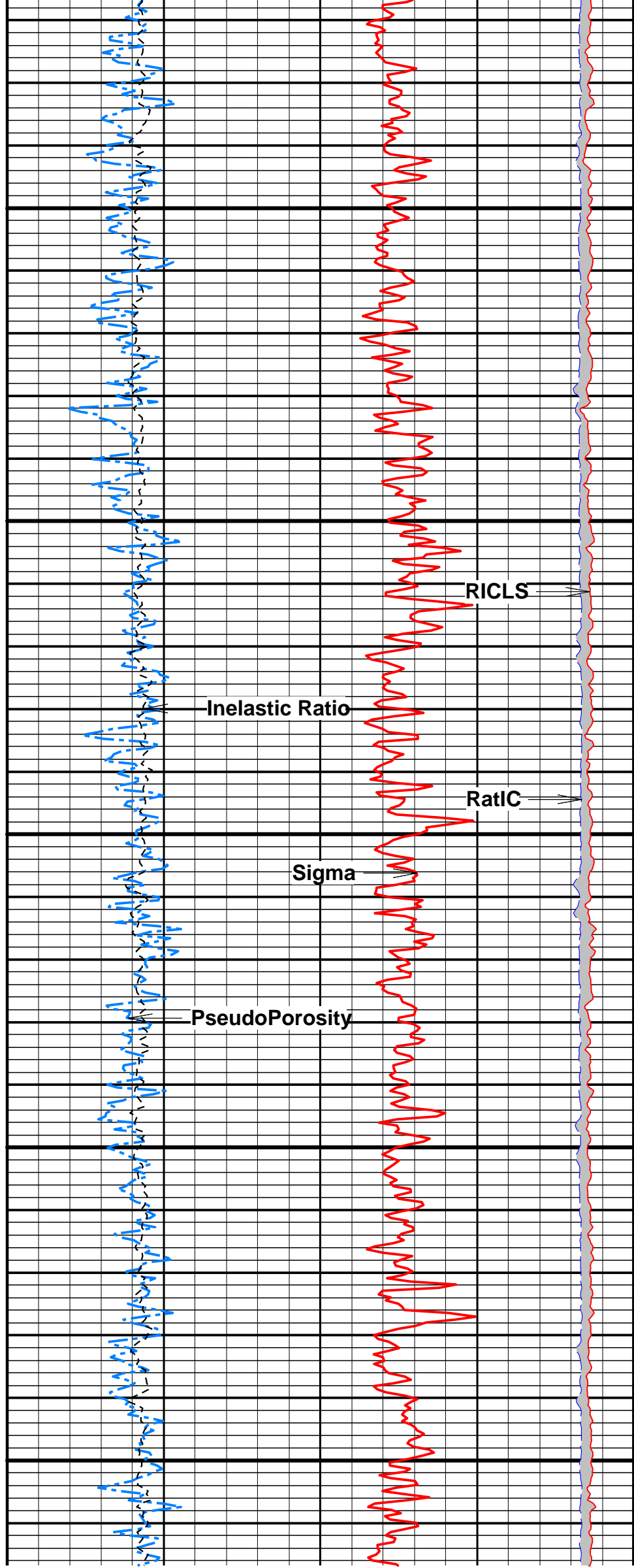
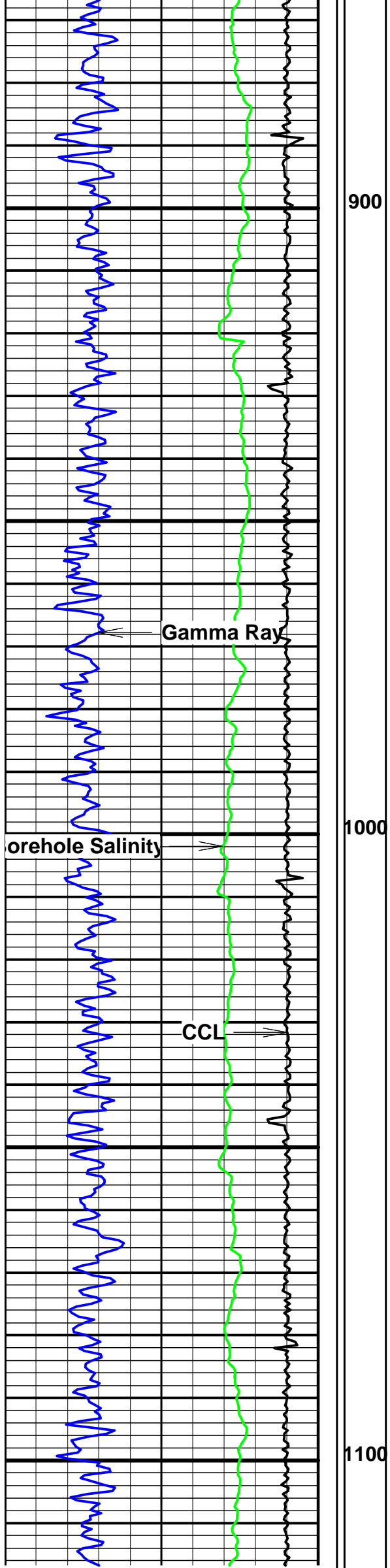


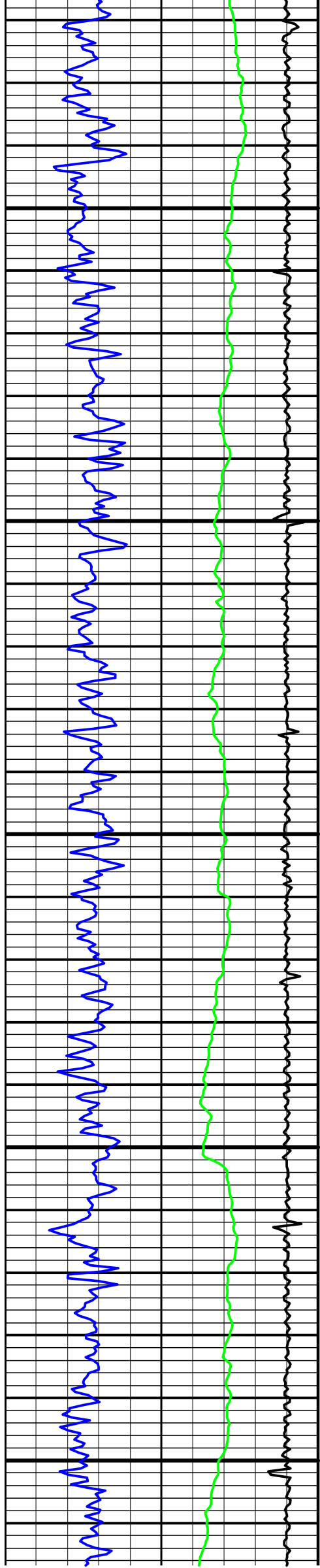


700

800

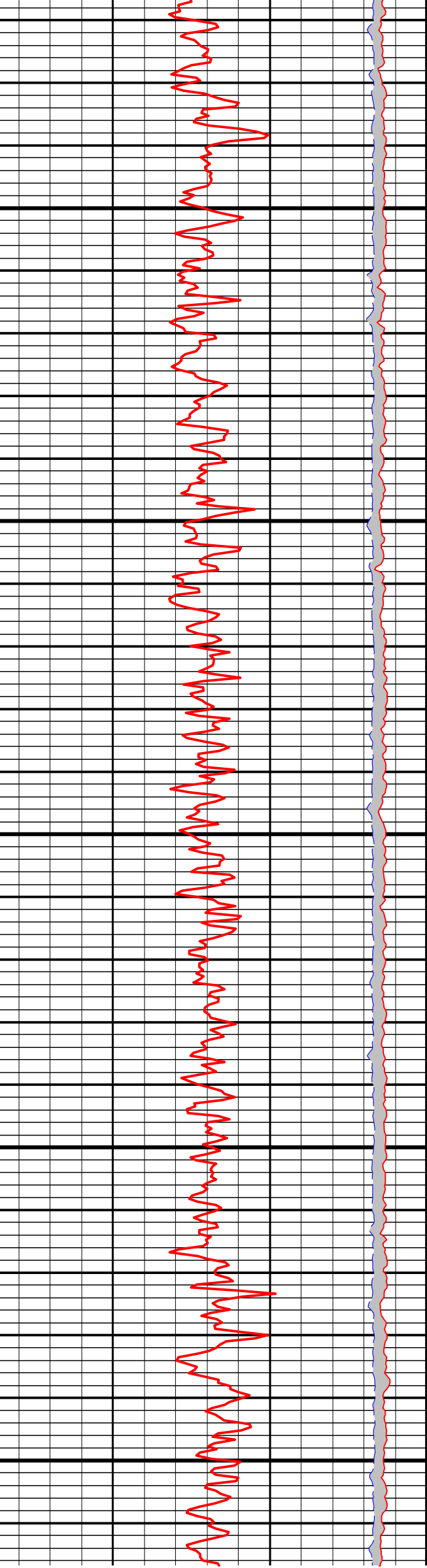
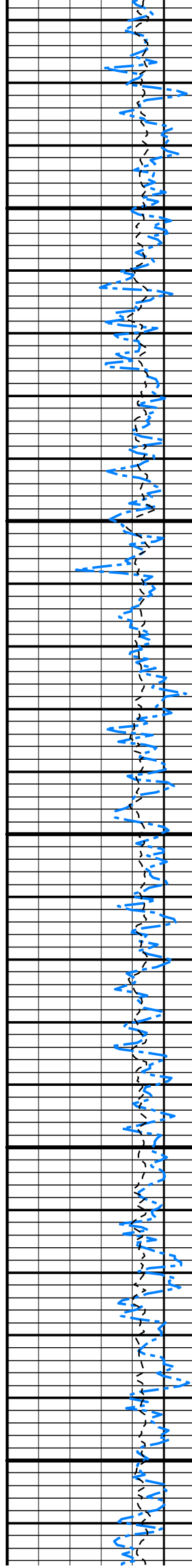


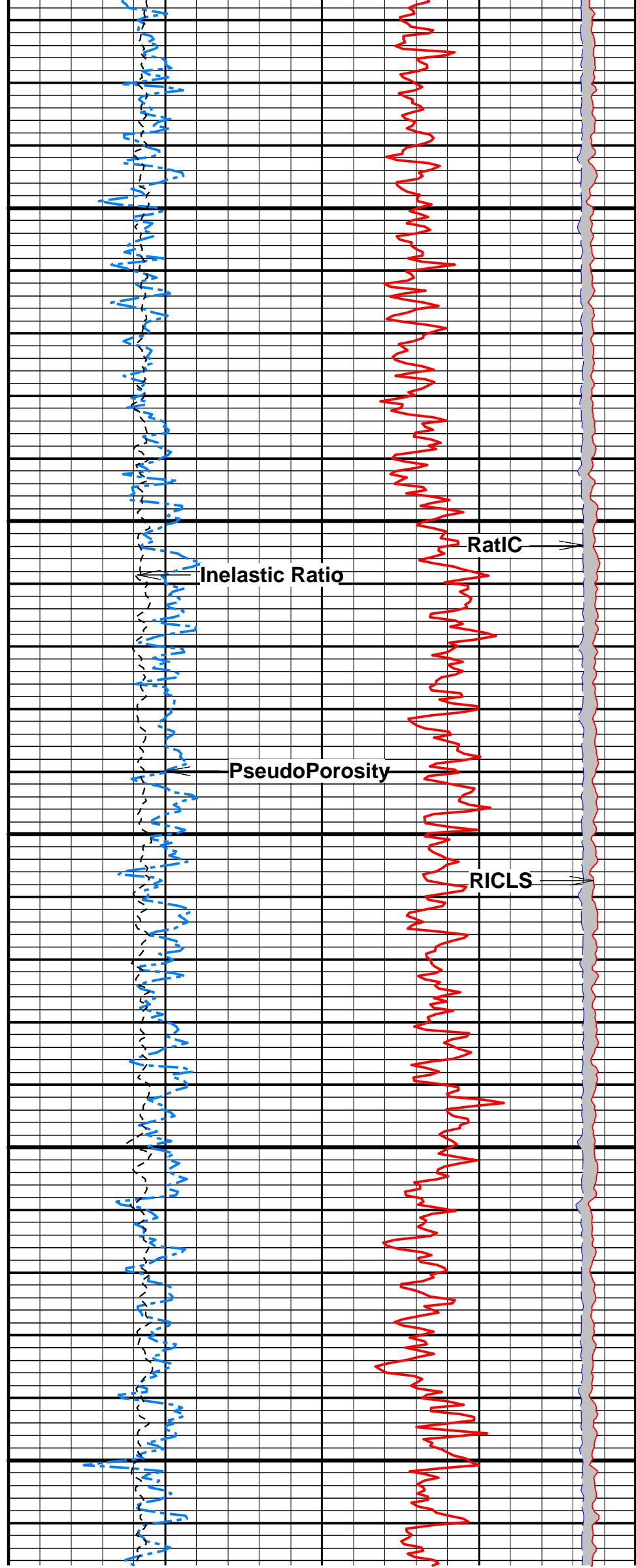
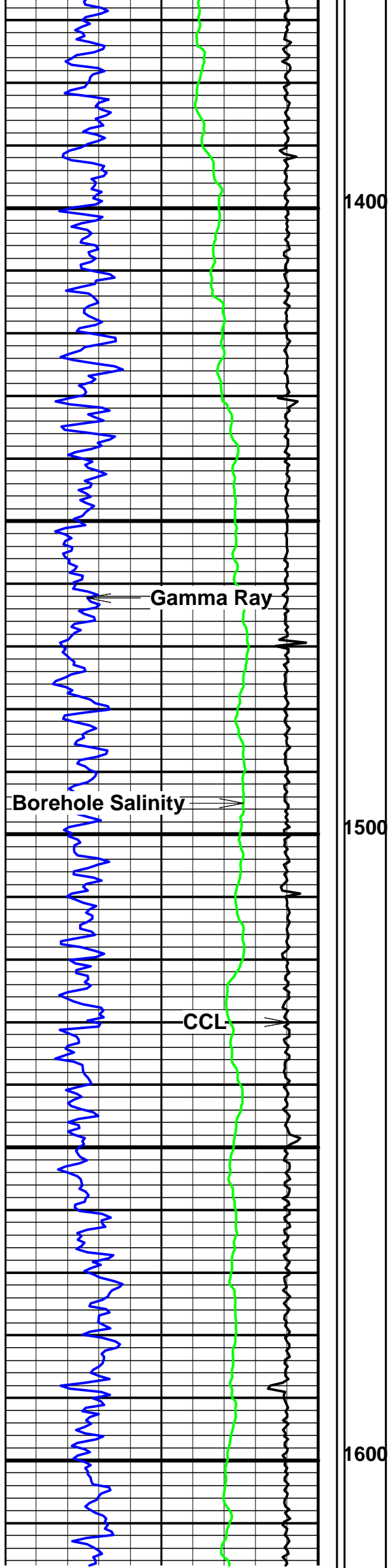


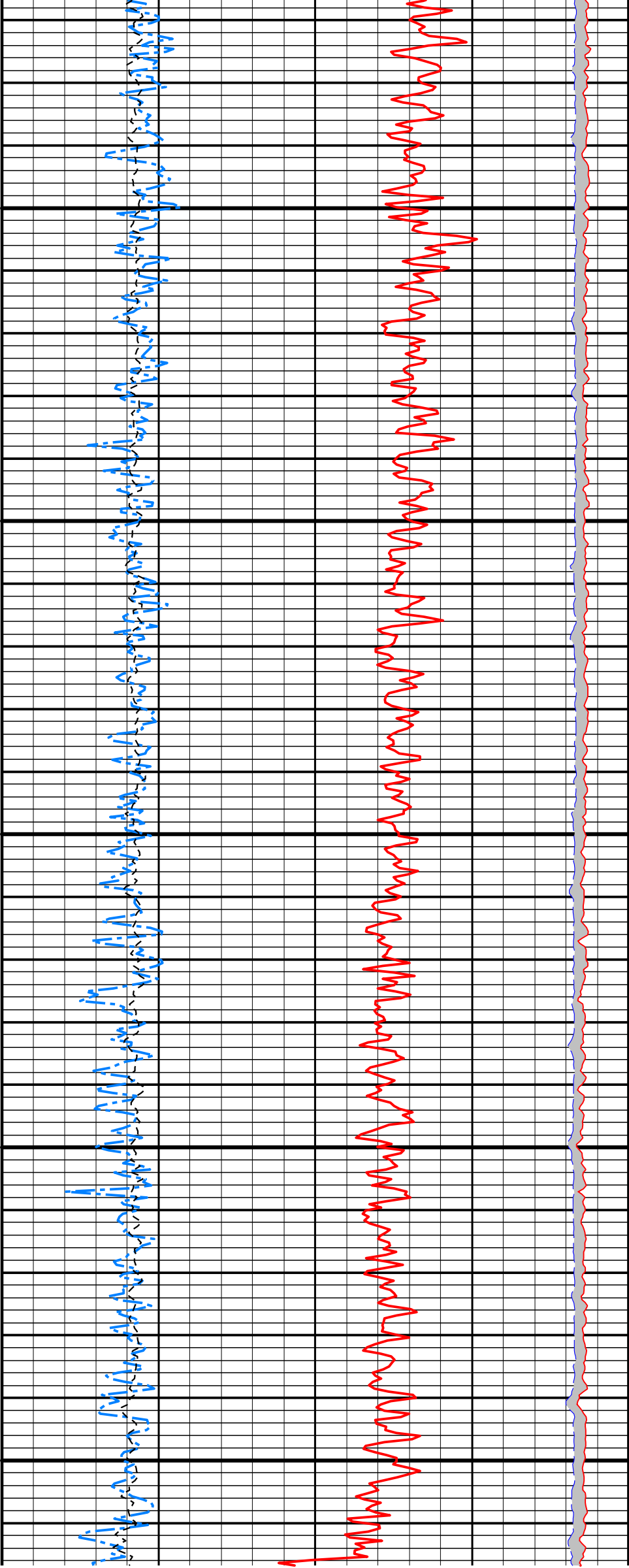
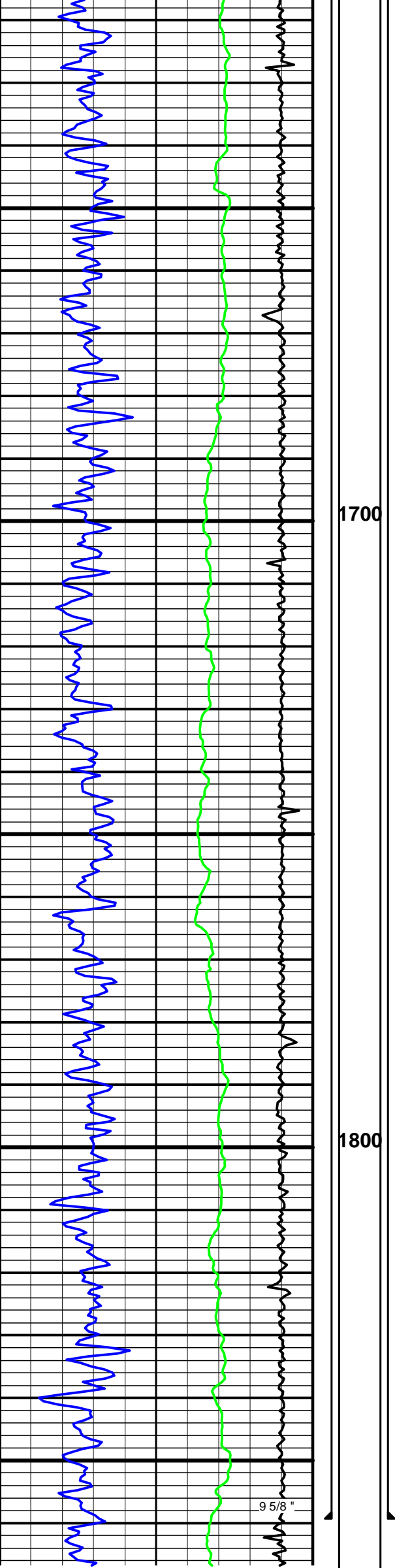


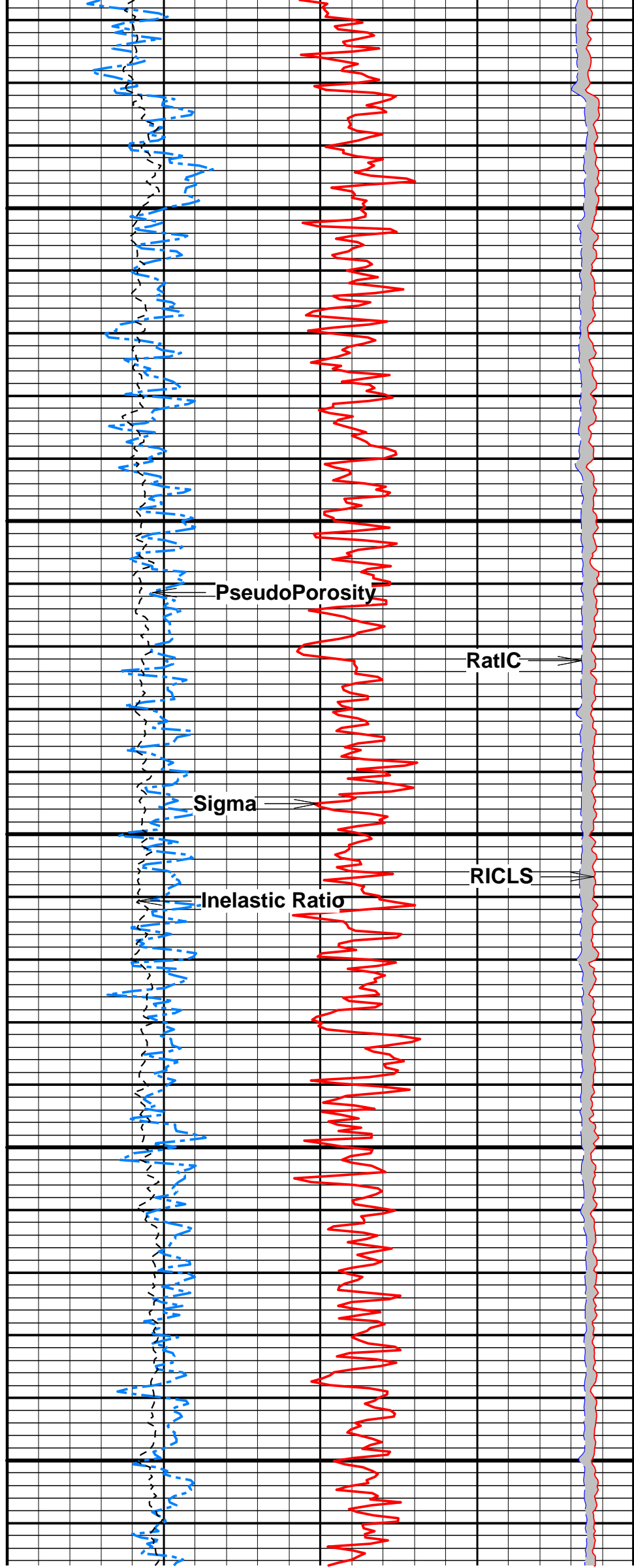
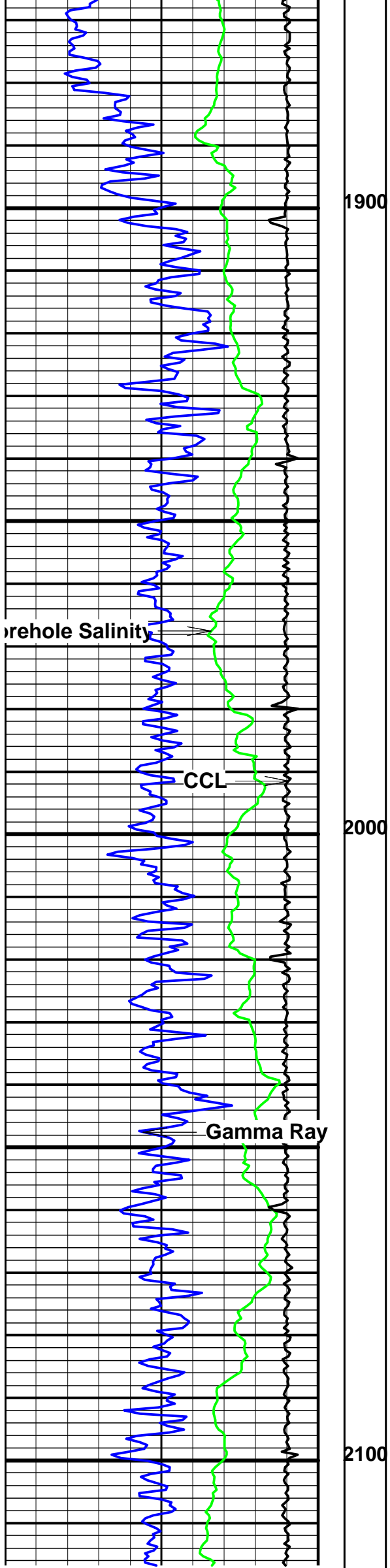
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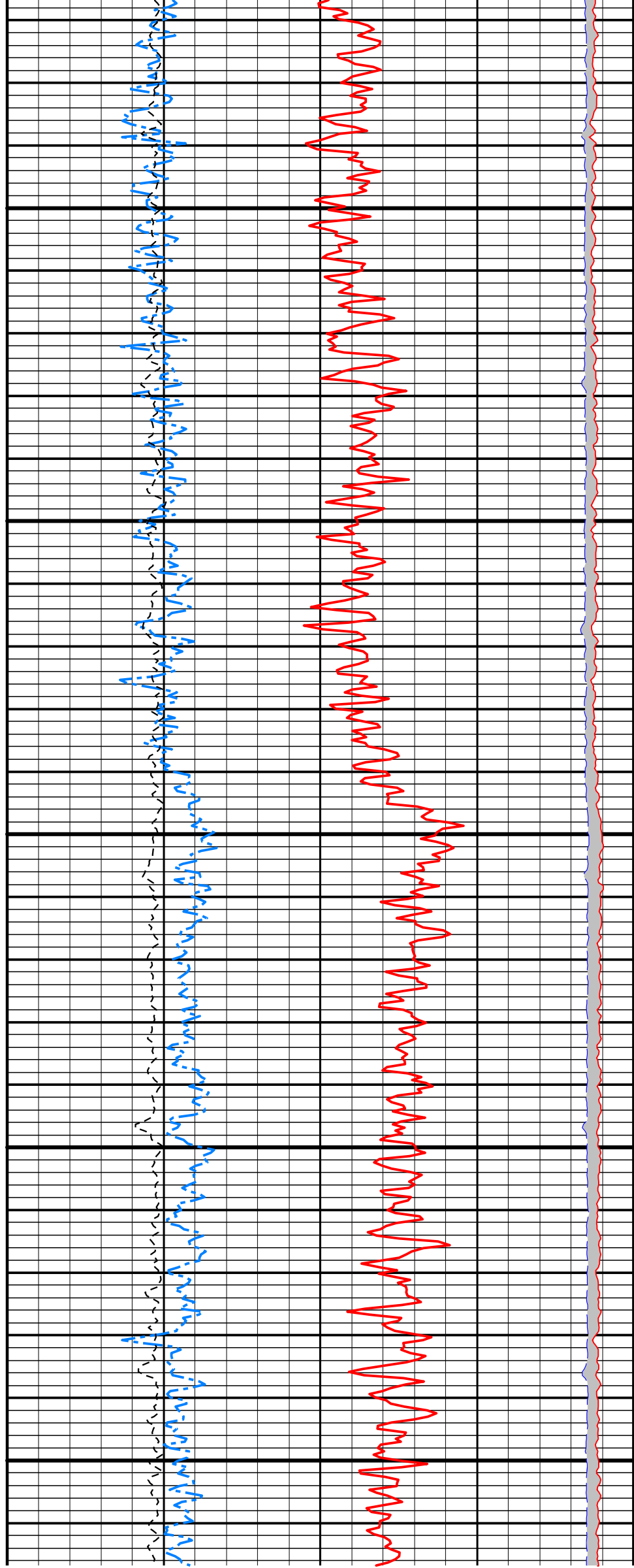
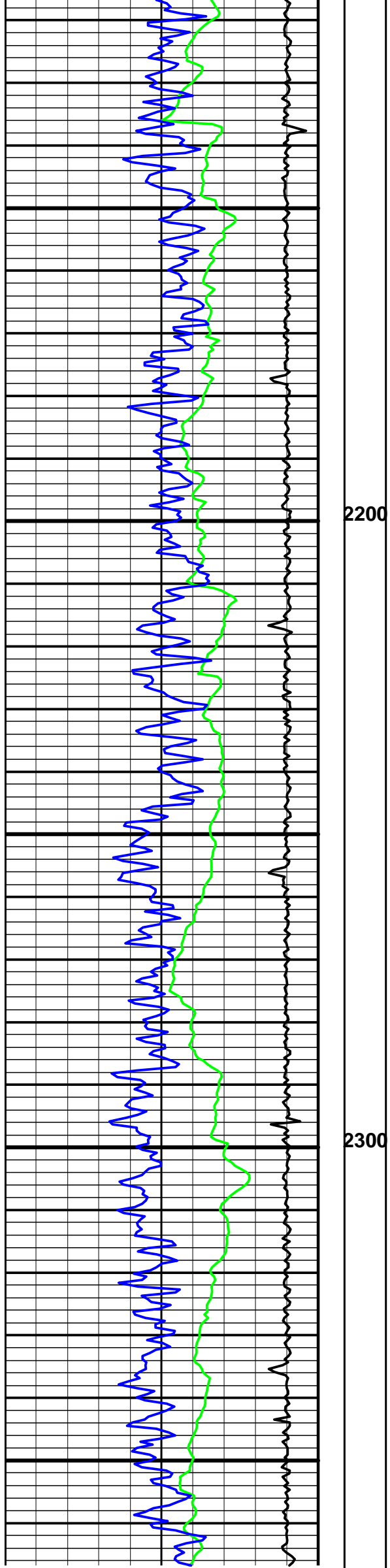
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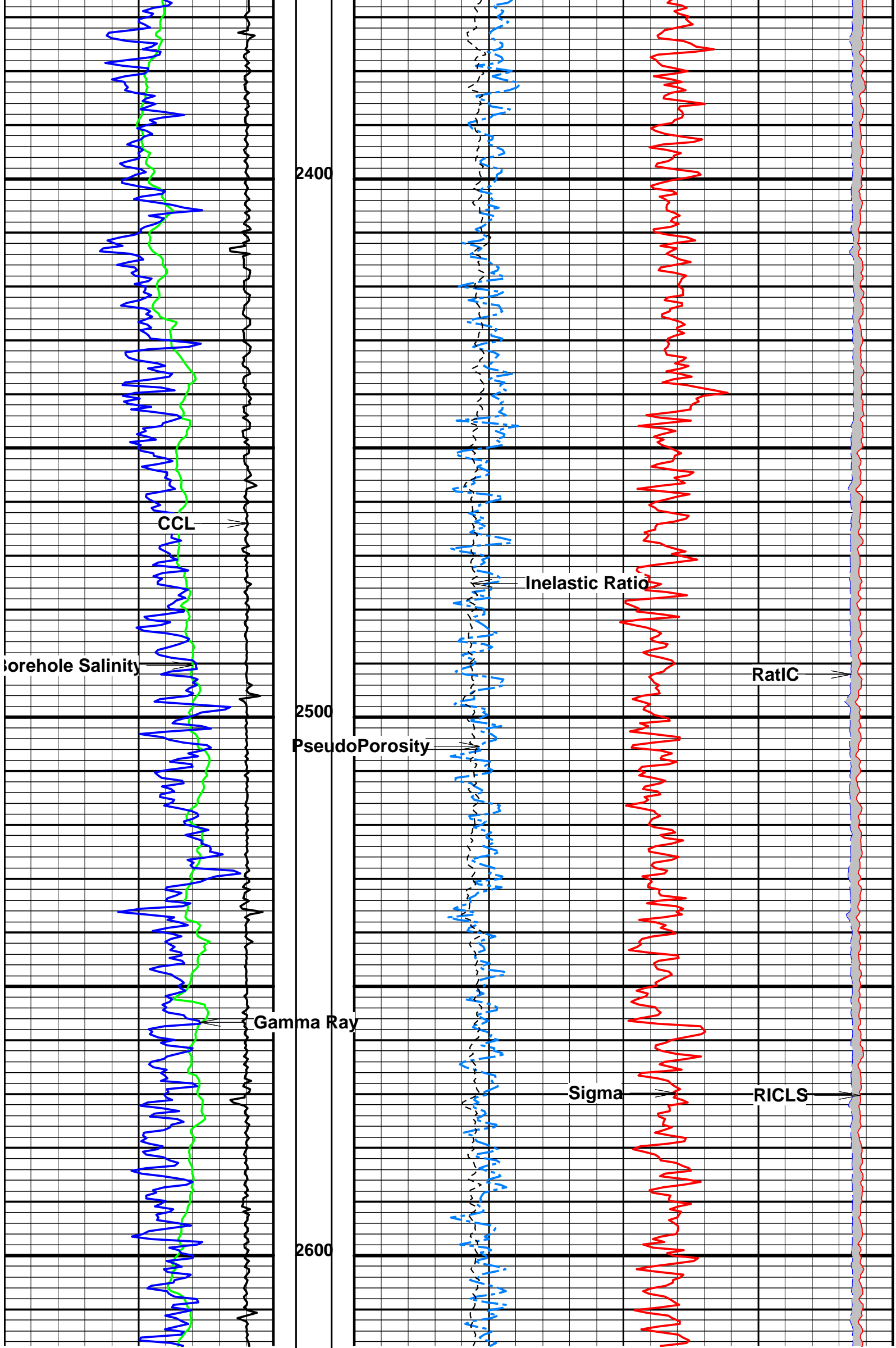


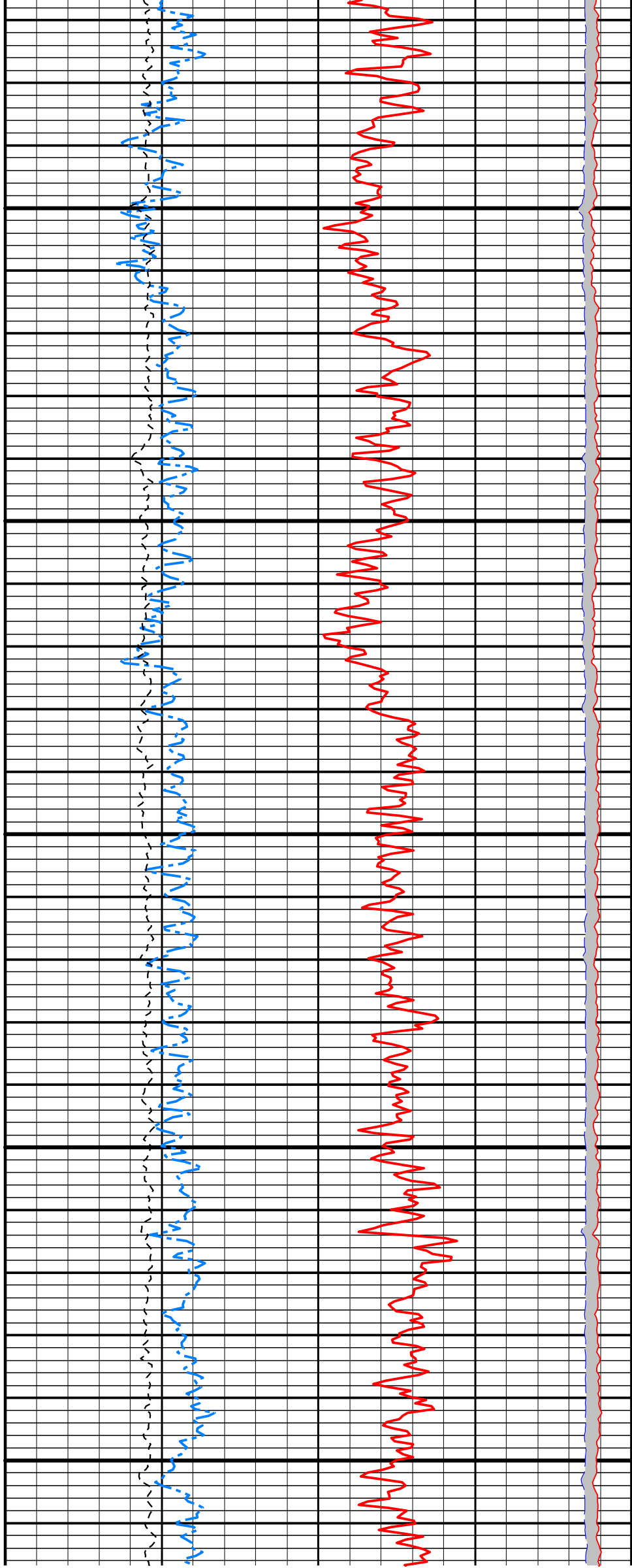
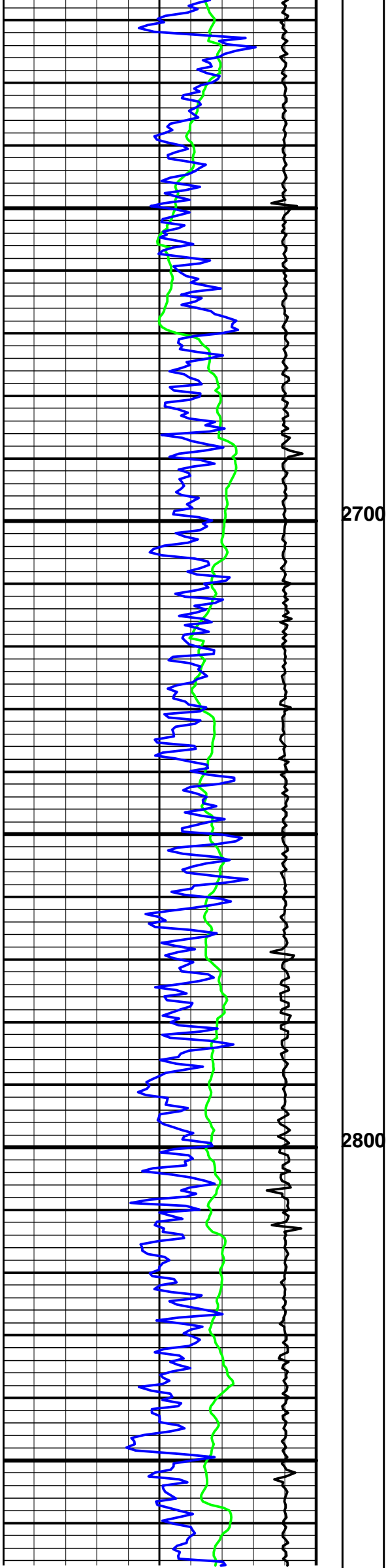


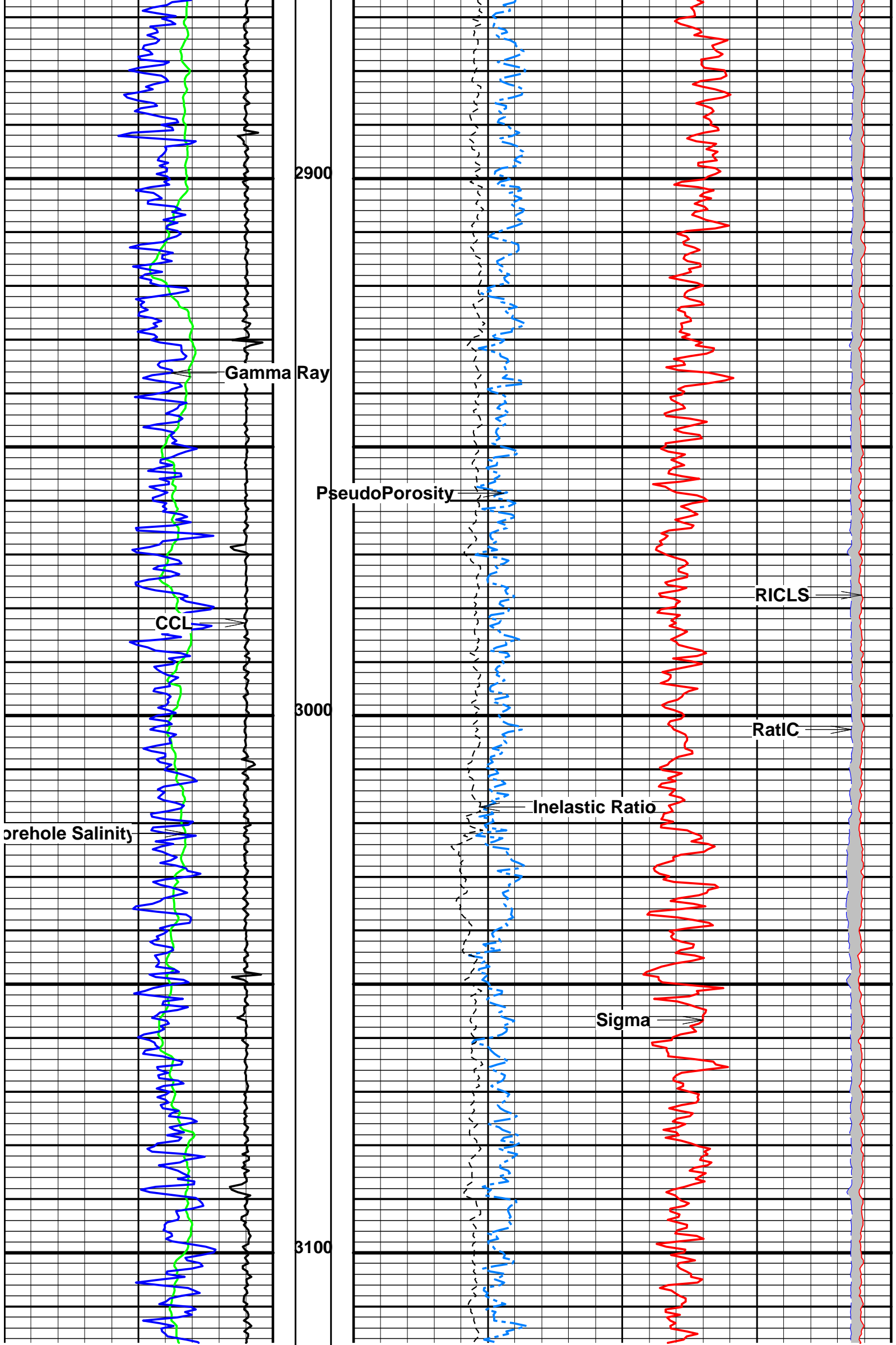


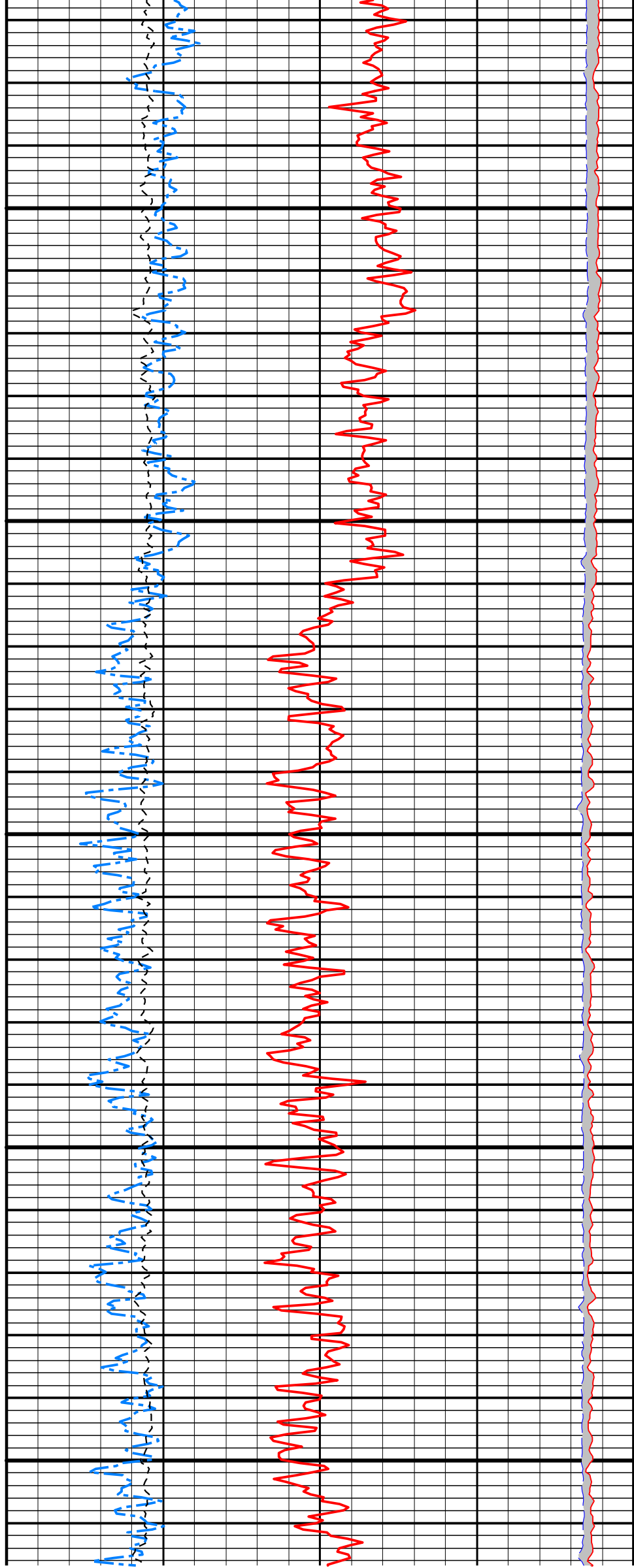
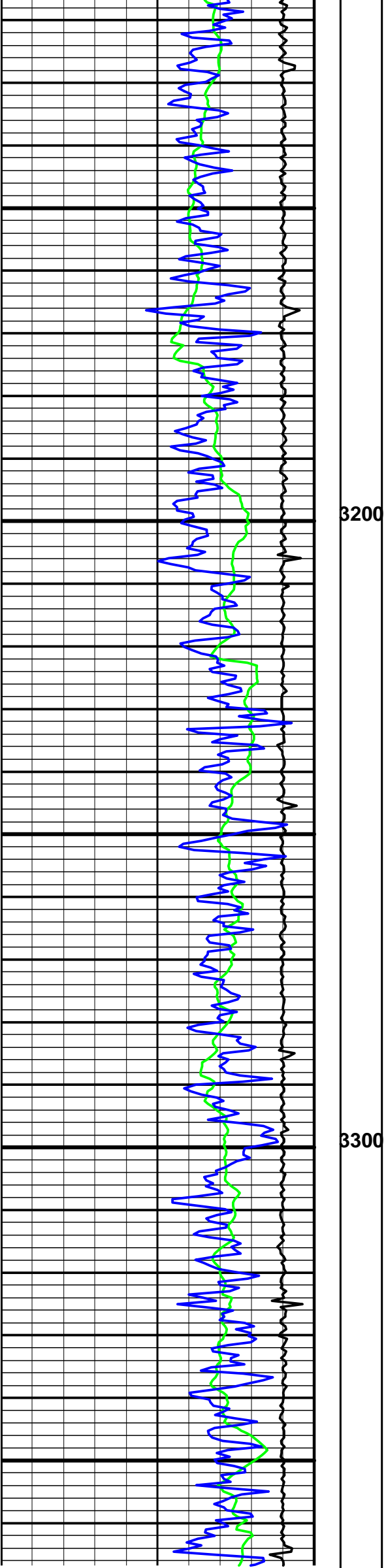


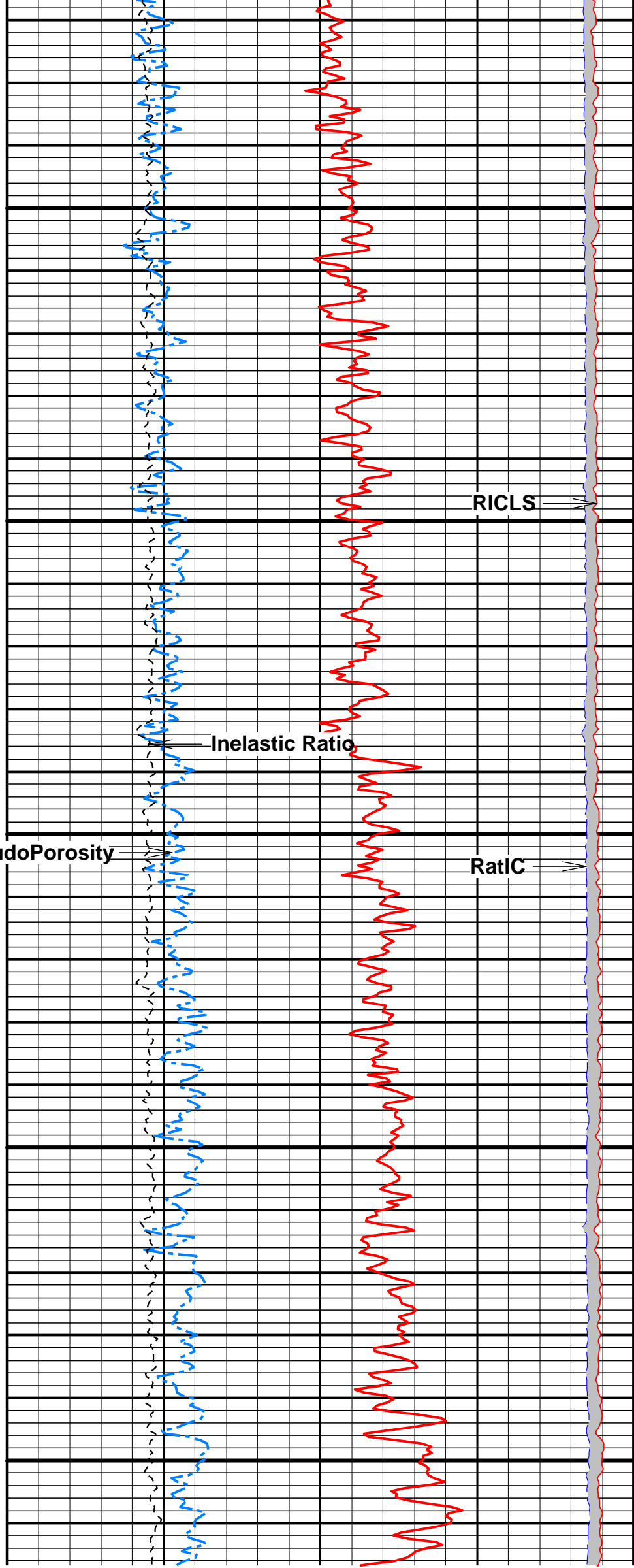
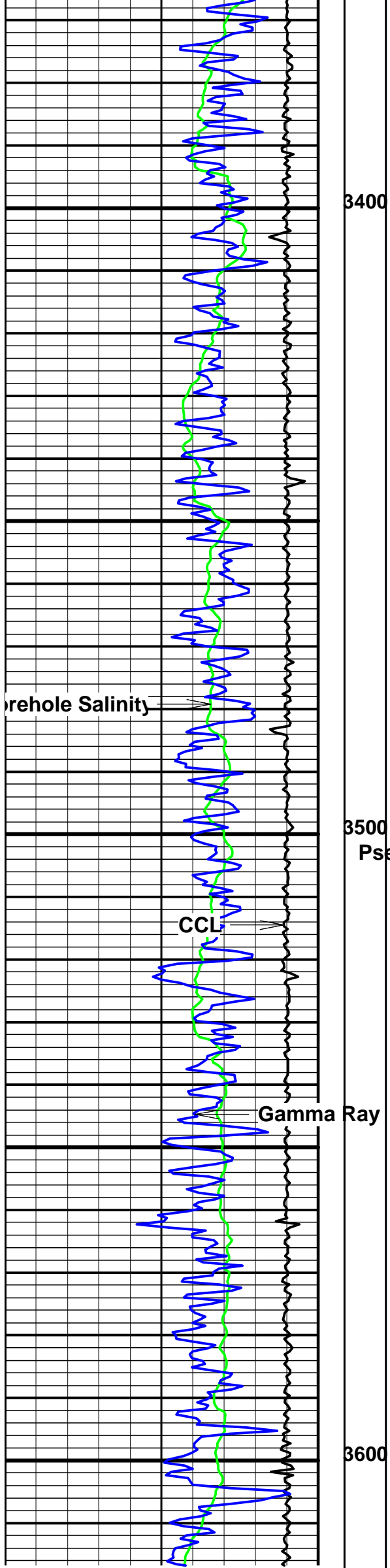


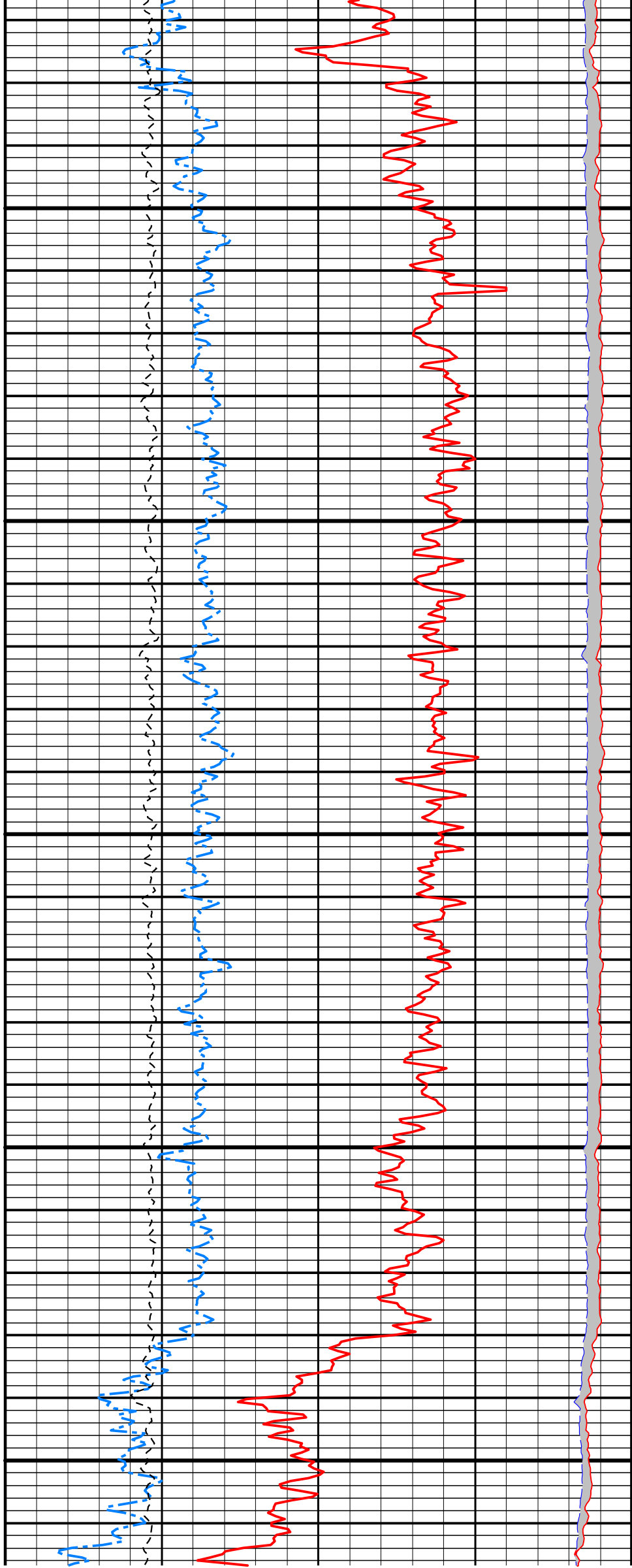
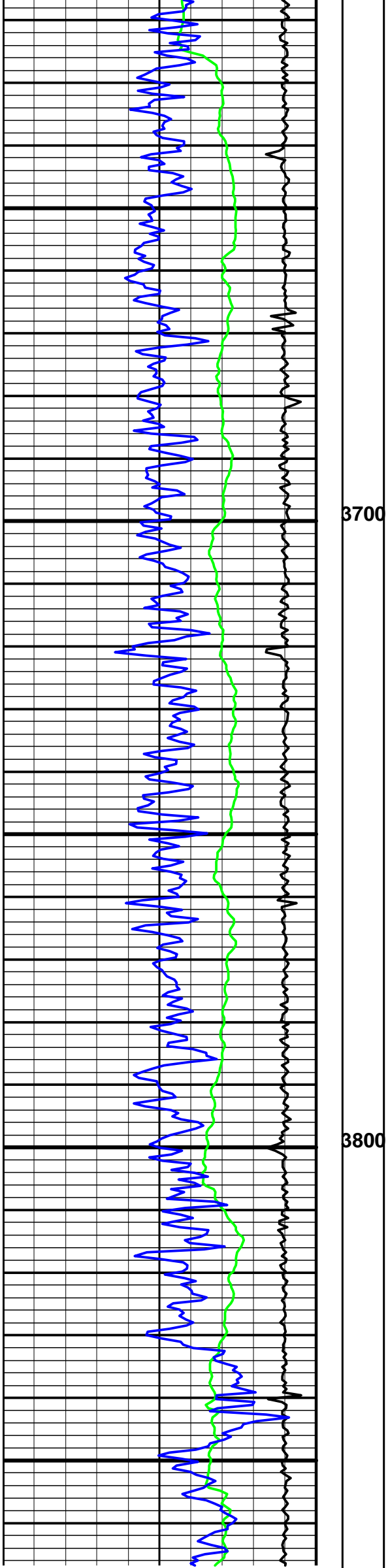


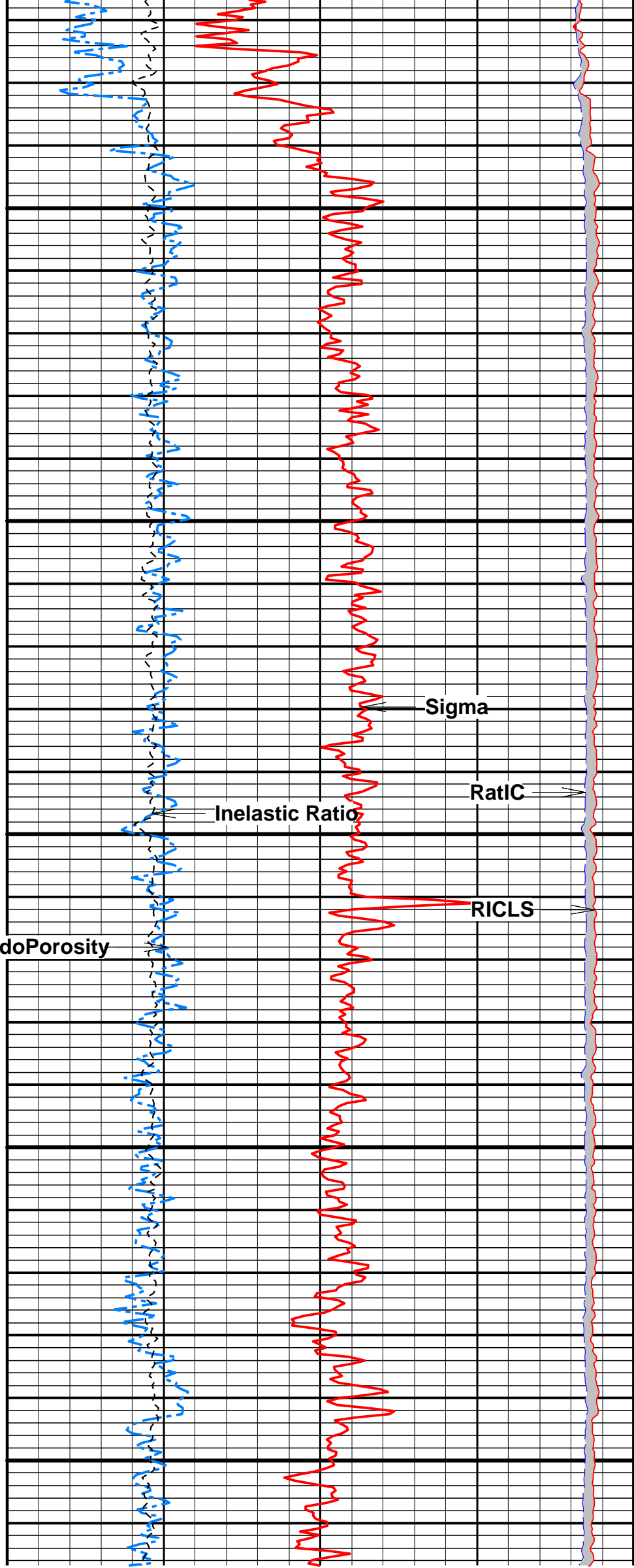
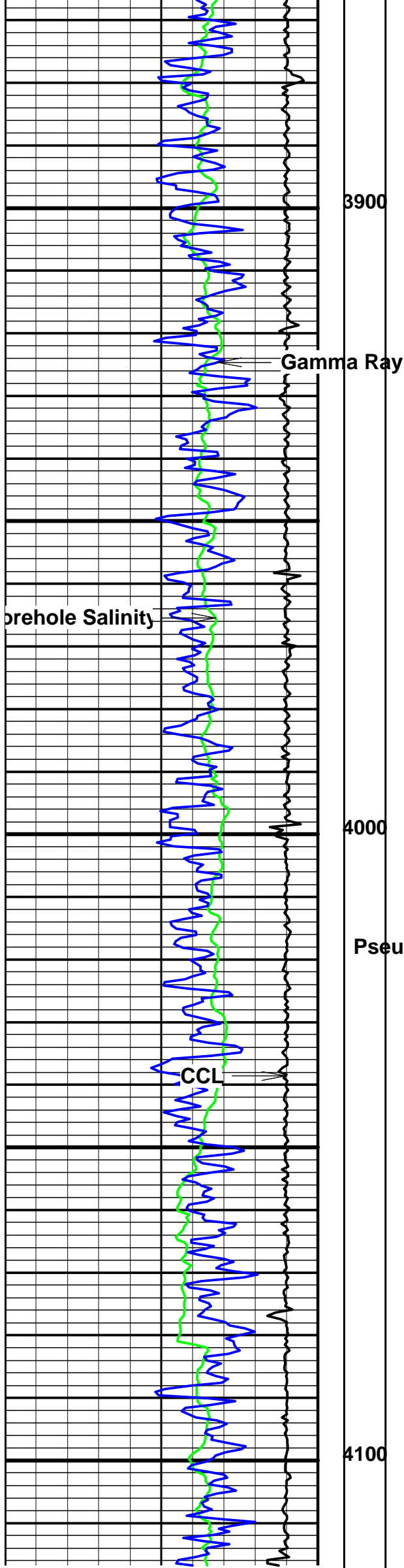


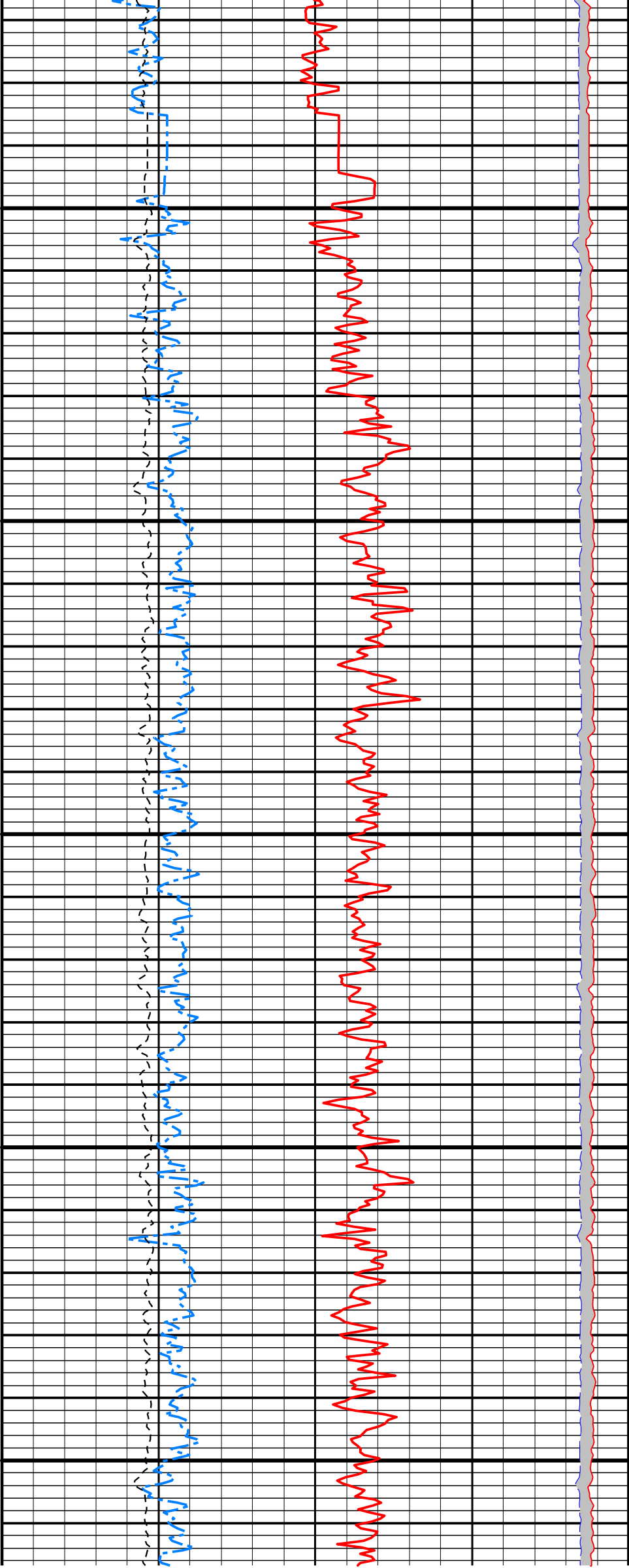
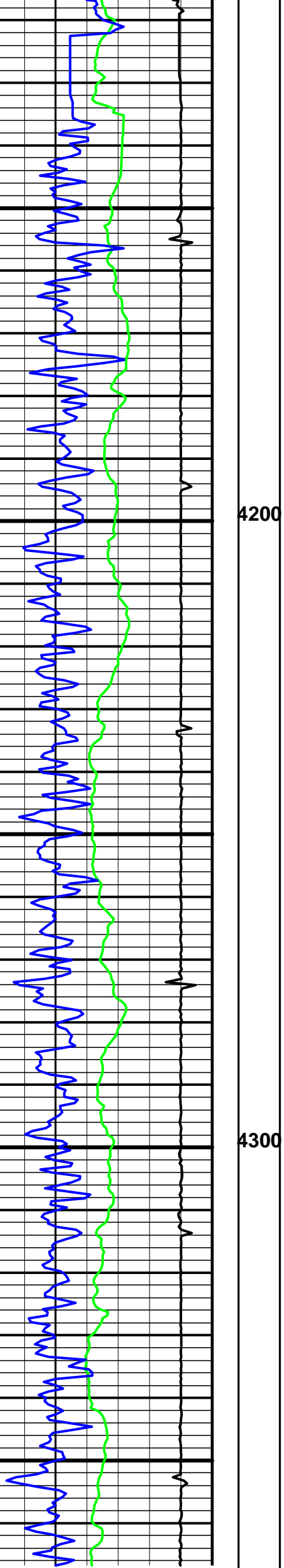


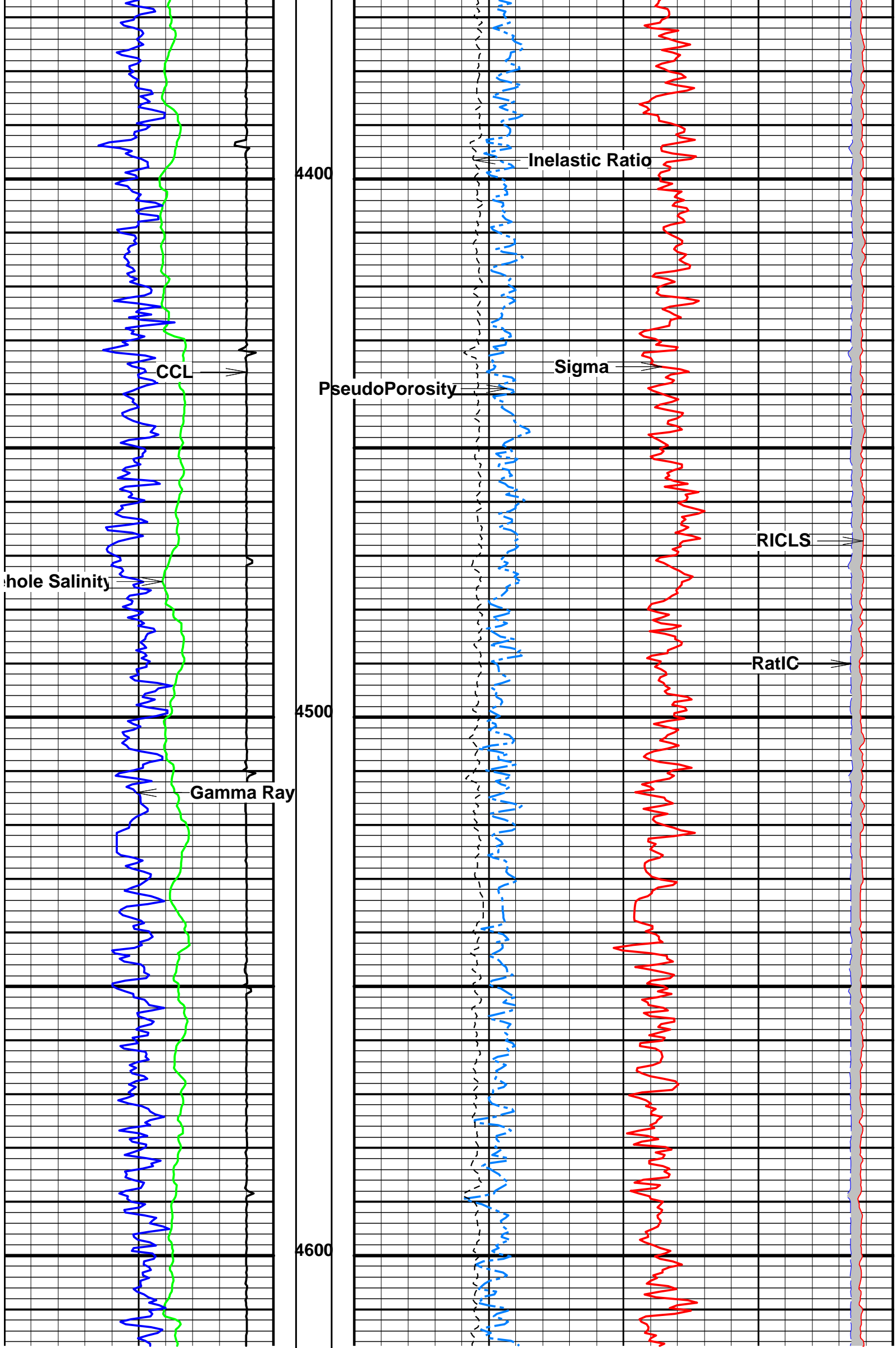


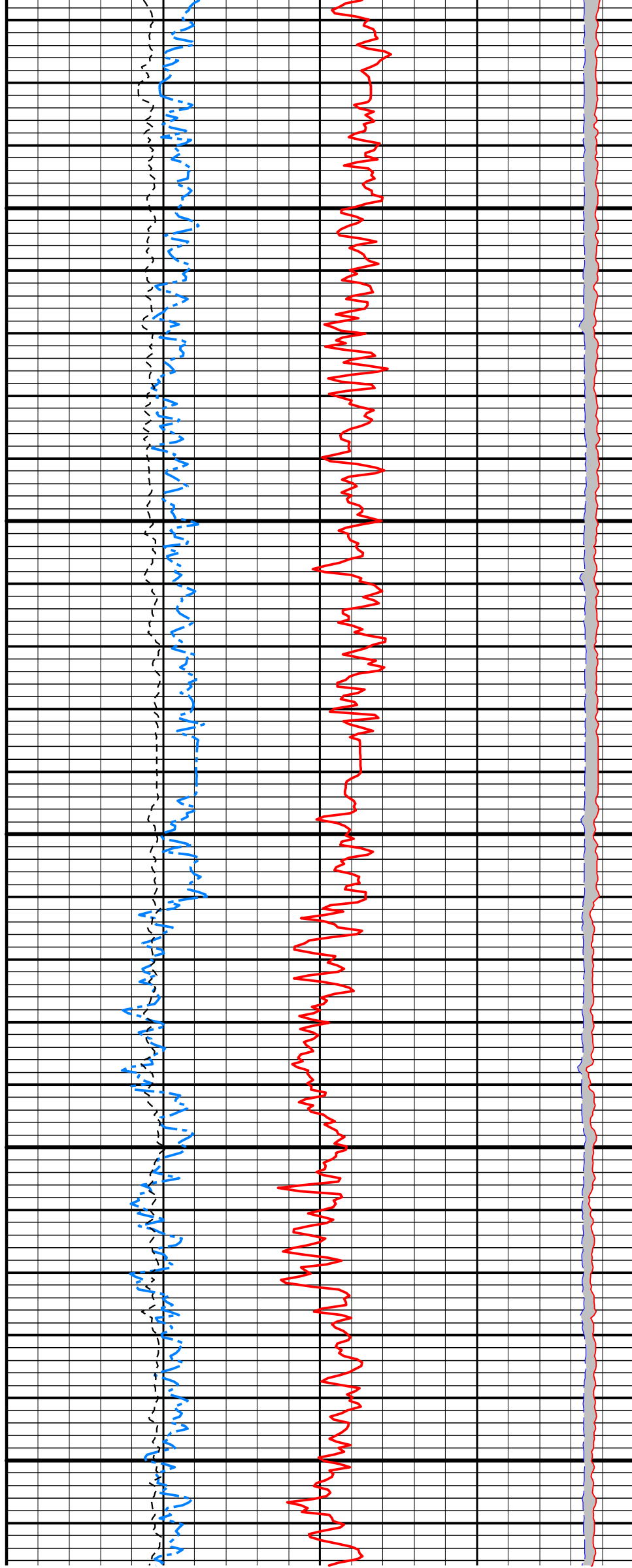
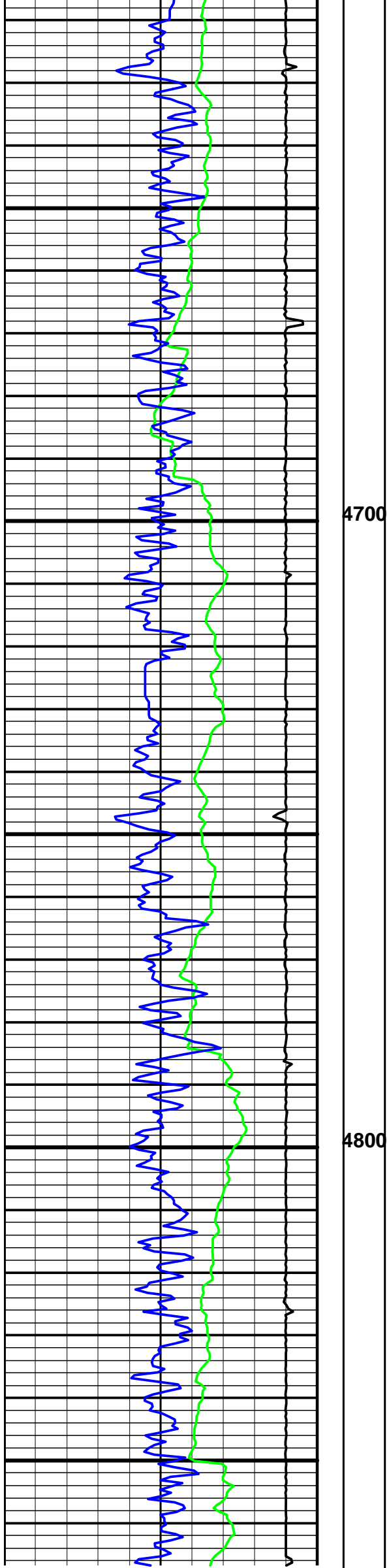


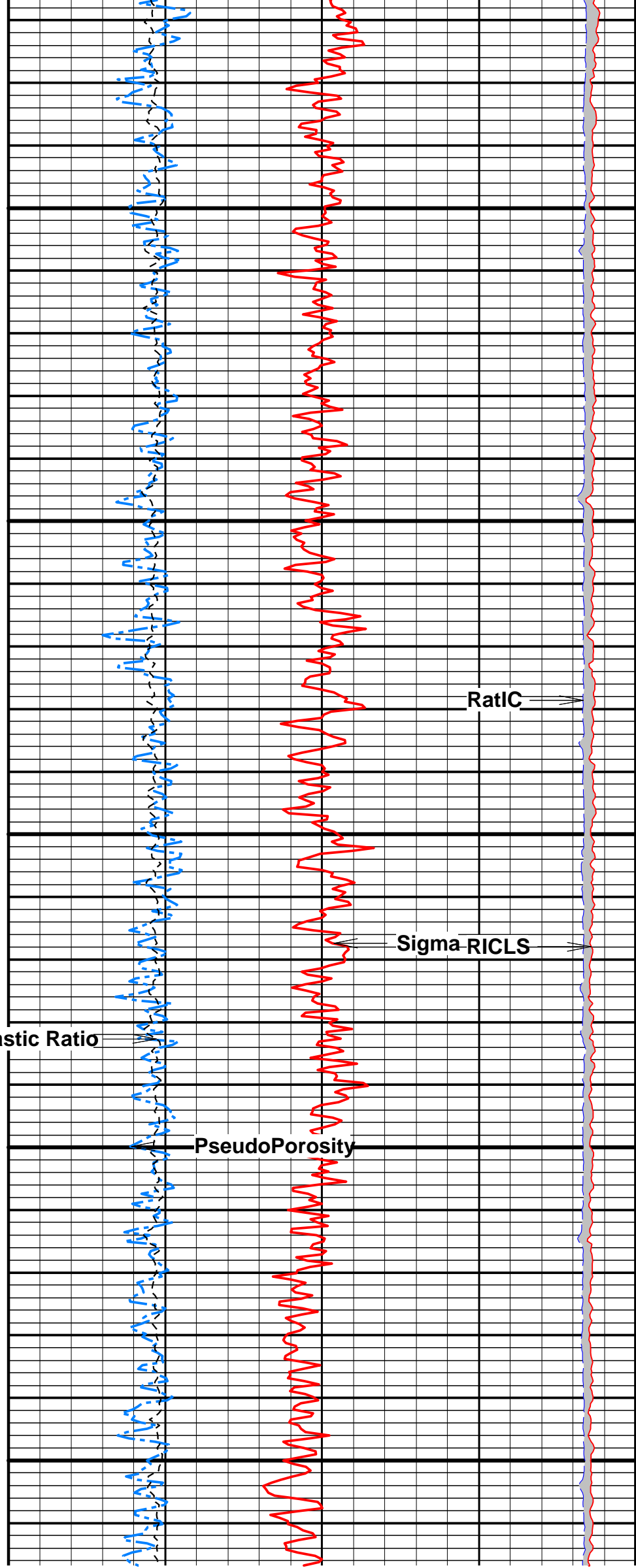
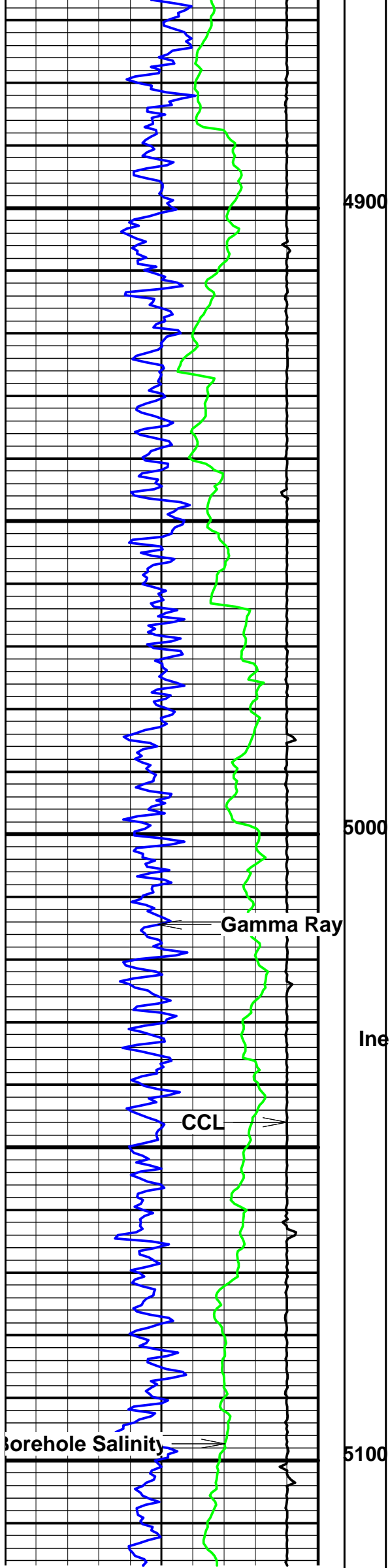


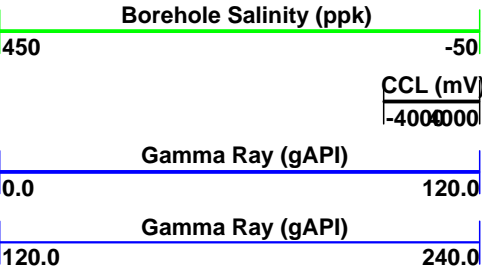
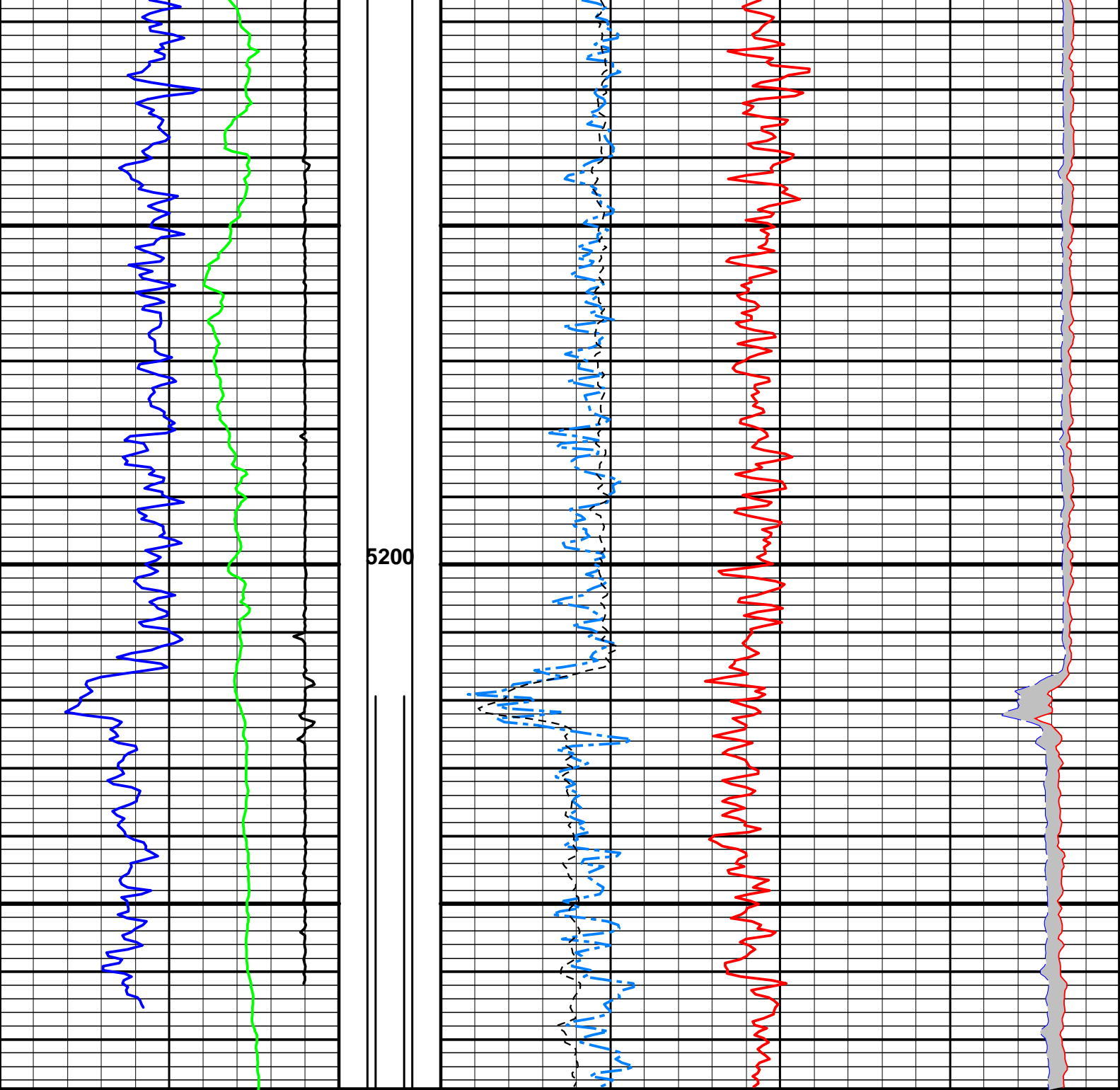




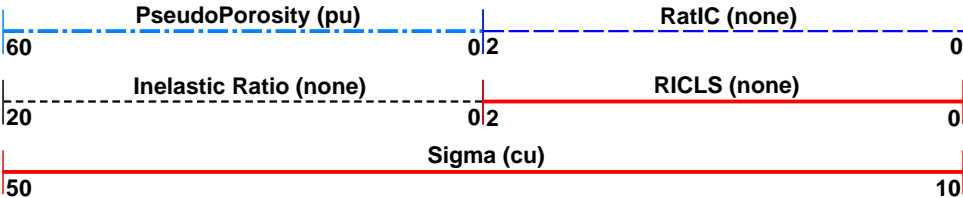




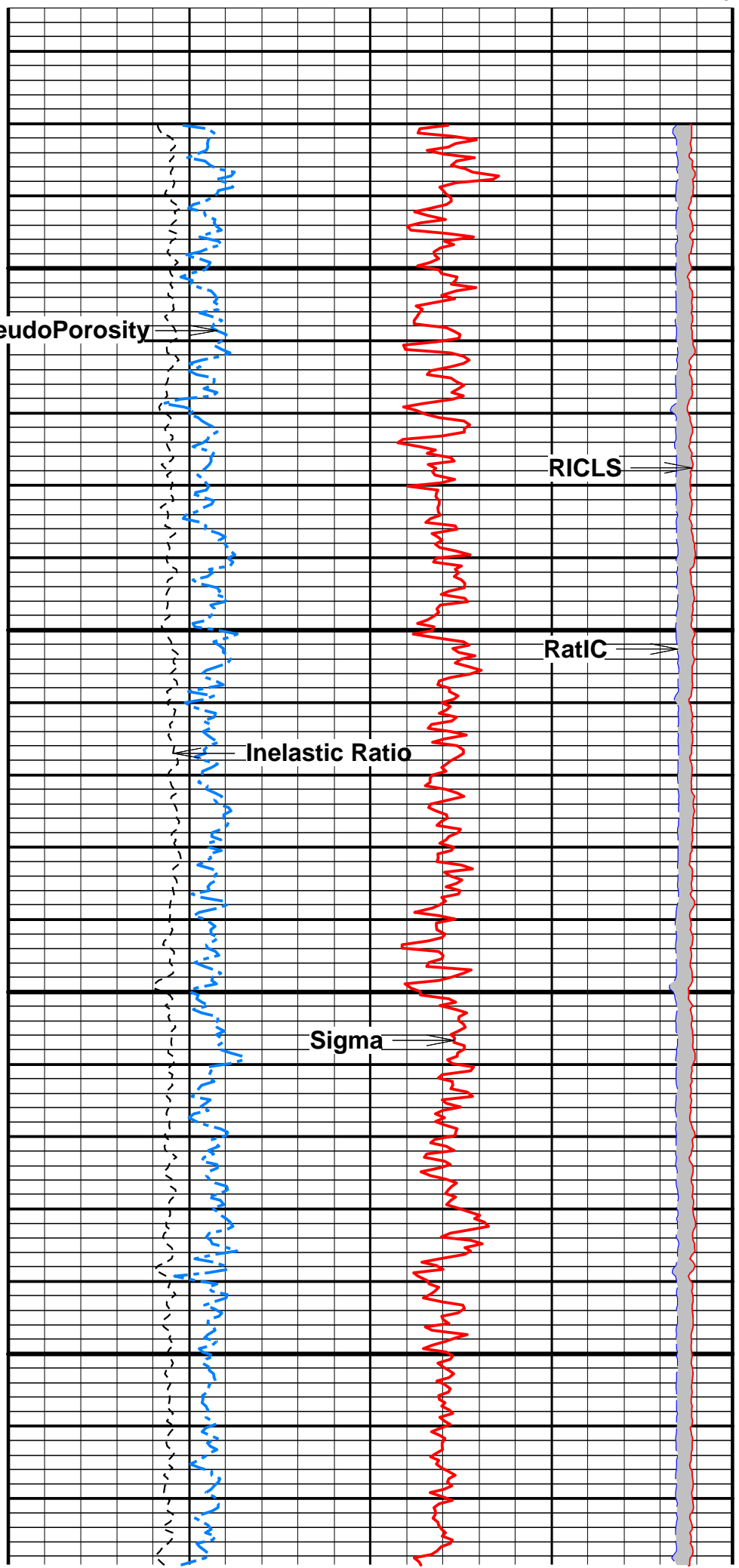
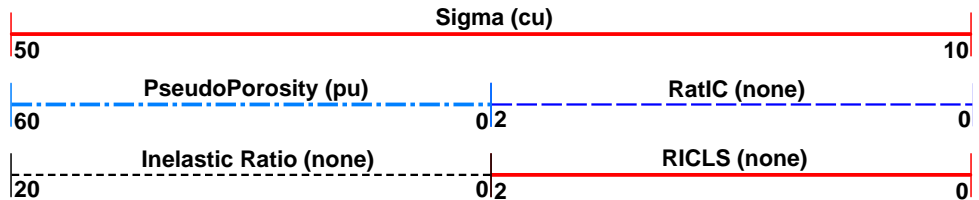
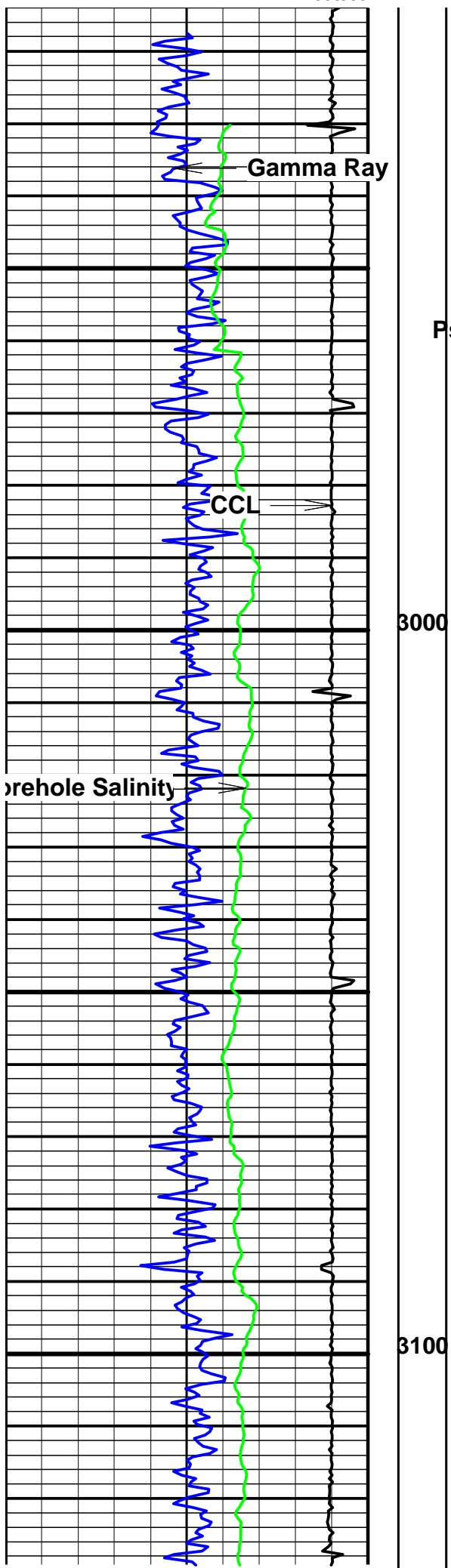
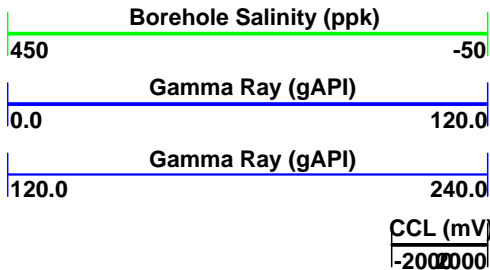


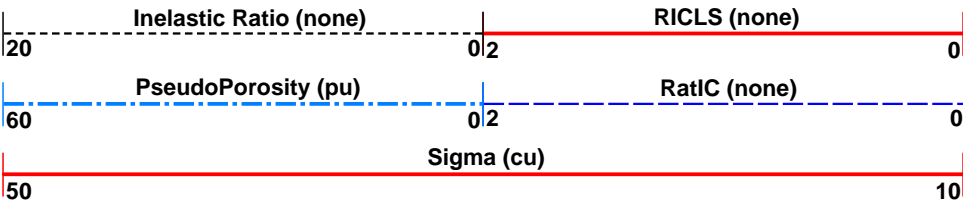
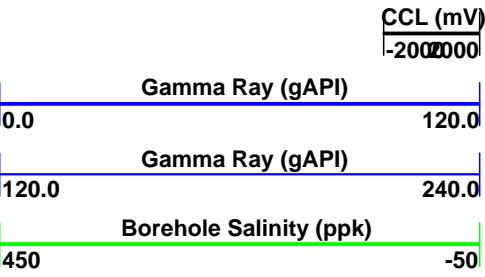
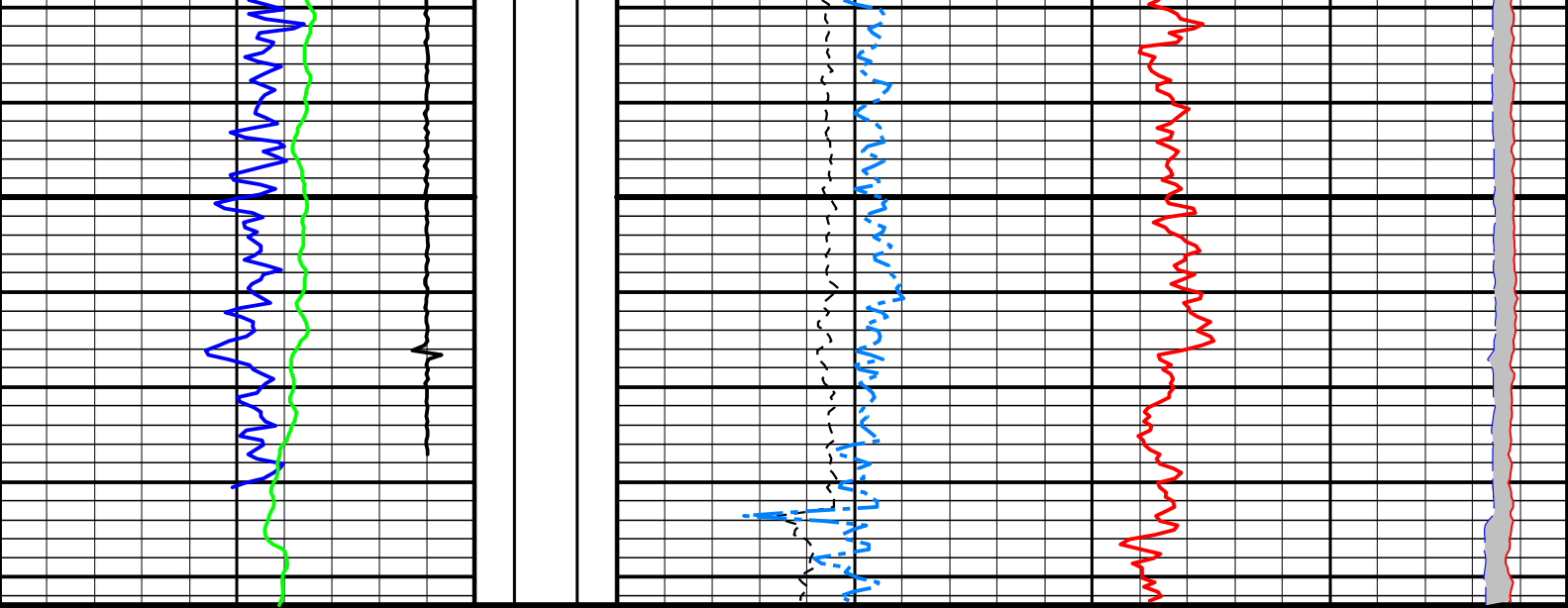


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Repeat Pass

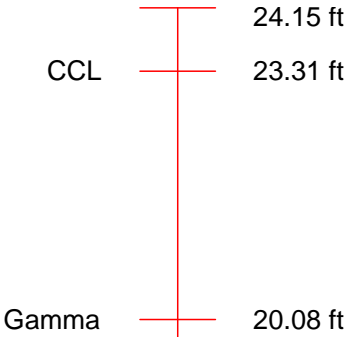




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Telemetry

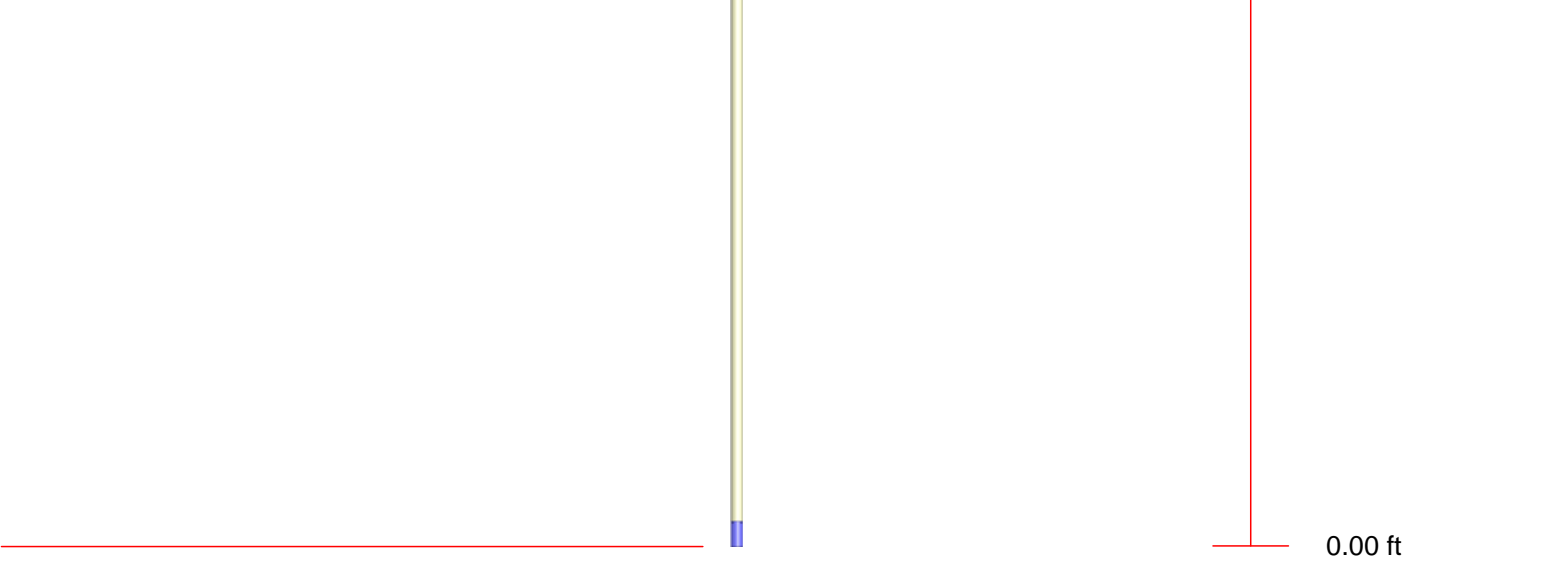
Identifier :0929A
Asset Number :040
Length :4.810 ft
Diameter :1.7 inch
Weight :17.6 lbs
Measure Point :0.741 ft : Gamma
Measure Point :3.976 ft : CCL




PDN

Identifier :1471A
Asset Number :028
Length :19.337 ft
Diameter :1.7 inch
Weight :85.8 lbs
Measure Point :7.575 ft : ShortSpace
Measure Point :8.051 ft : LongSpace





Total Length : 24.15 ft
Total Weight : 103.40 lbs
Max Diameter : 1.7 inch

	API #: 05-123-38728	DATE : 03-27-2015
	COMPANY: Whiting Oil & Gas Corp WELL: Razor 11G-1409A FIELD: Wildcat COUNTY: Weld	STATE: Colorado
Pulse Decay Neutron Sigma - Gamma Ray Casing Collar Locator Log		