



Pioneer Energy Services

Dual Compensated Porosity Log

15-069-20,393-00-00

API No.	Company Falcon Exploration, Inc.		
	Well James Koehn No.1-31(NW)		
	Field	Gray	State Kansas
	County	Gray	
	Location	E/2 SW SE NW1/4 2310' FNL & 1670' FWL	
	Sec: 31	Twp: 28S	Rge: 30W
Permanent Datum	Ground Level	Elevation	2829
Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	9/19/2012	Other Services	DIL MEI/BHCS
Run Number	One	Elevation	K.B. 2842
Type Log	CNL / CDL		D.F. 2829
Depth Driller	5550		G.L. 2829
Depth Logger	5549		
Bottom Logged Interval	5528		
Top Logged Interval	00		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	4,800		
Density	9.05		
Level	Full		
Max. Rec. Temp. F	132		
Operating Rig Time	6 Hours		
Equipment -- Location	17 Hays		
Recorded By	C. Desaire		
Witnessed By	Dave Williams		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	1863	8.625	24#	00	1863
2	7.875	1863	5550				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Pioneer Energy Services
www.pioneerenergy.com
 785 625 3858

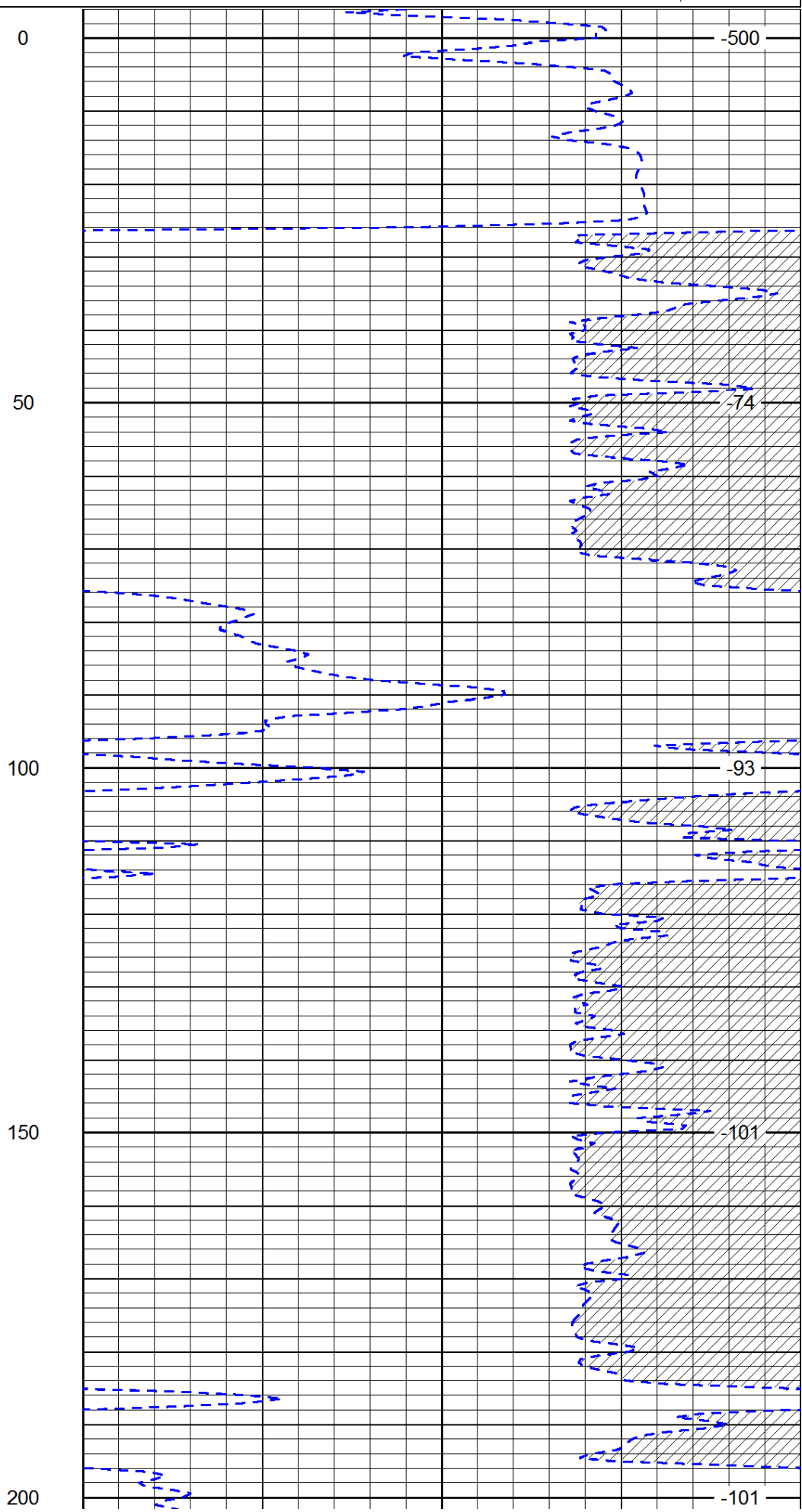
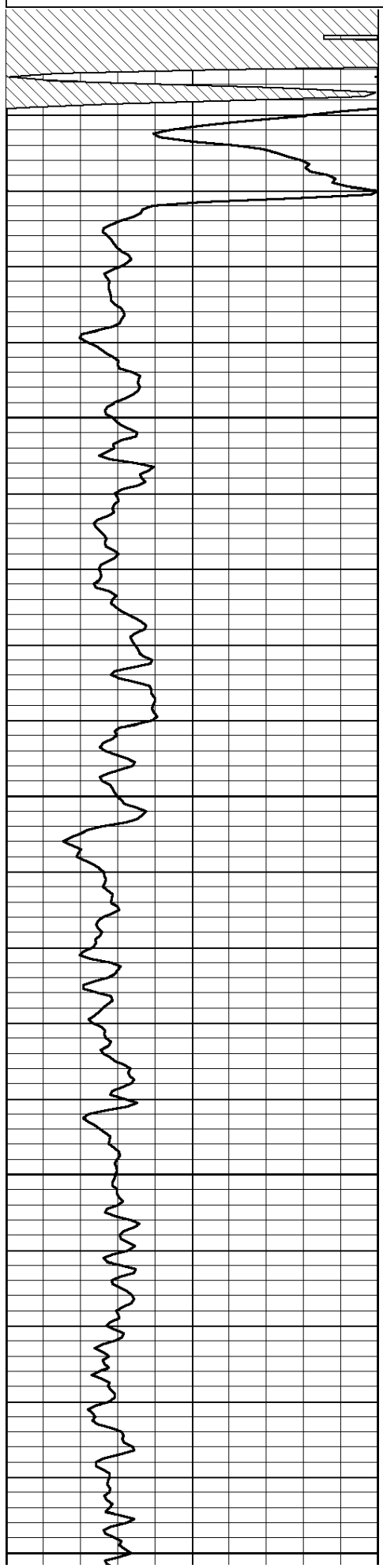
 Montezuma KS, W to Hwy 144,
 5 W, 1/2 N, E Into

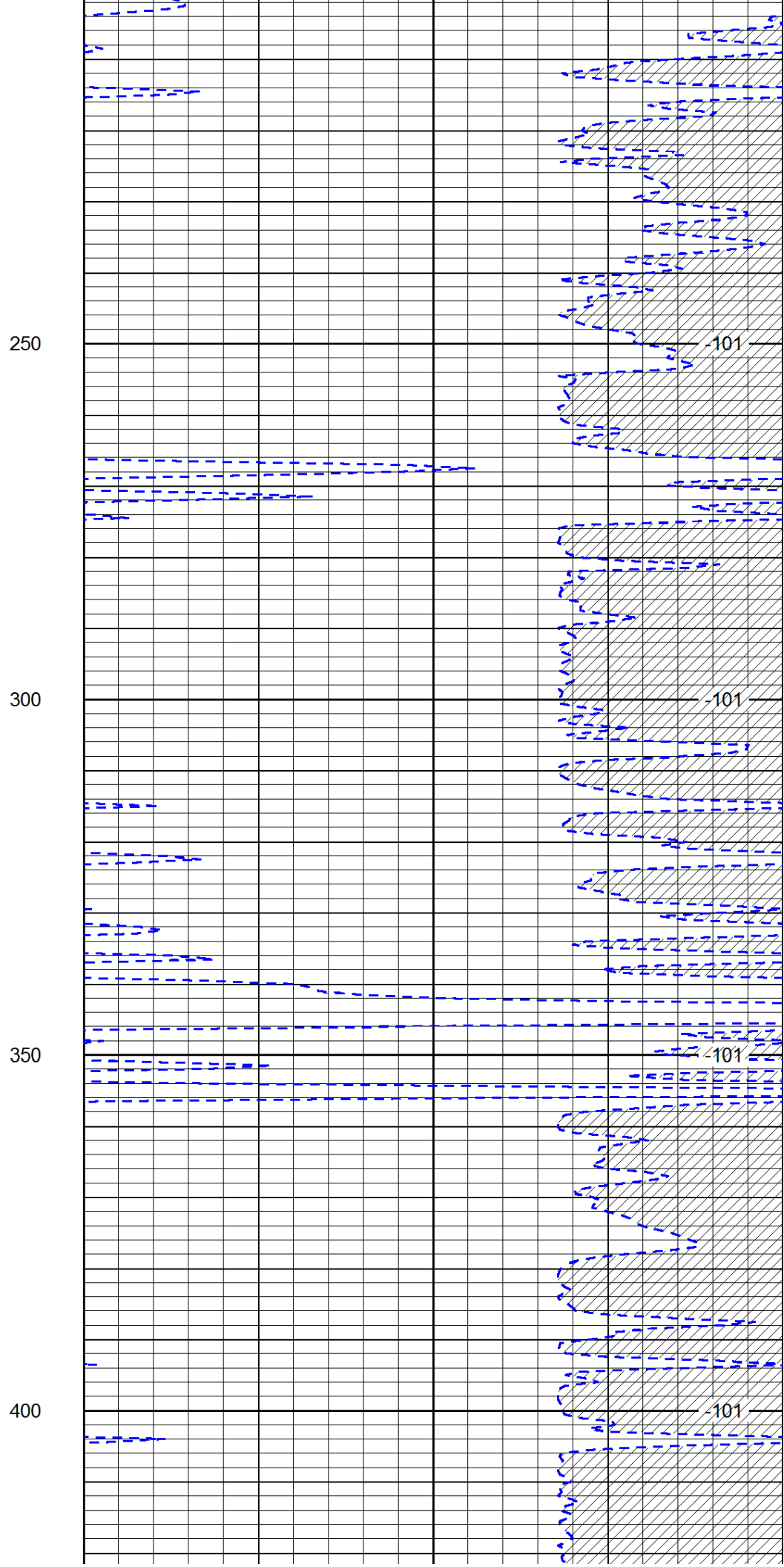
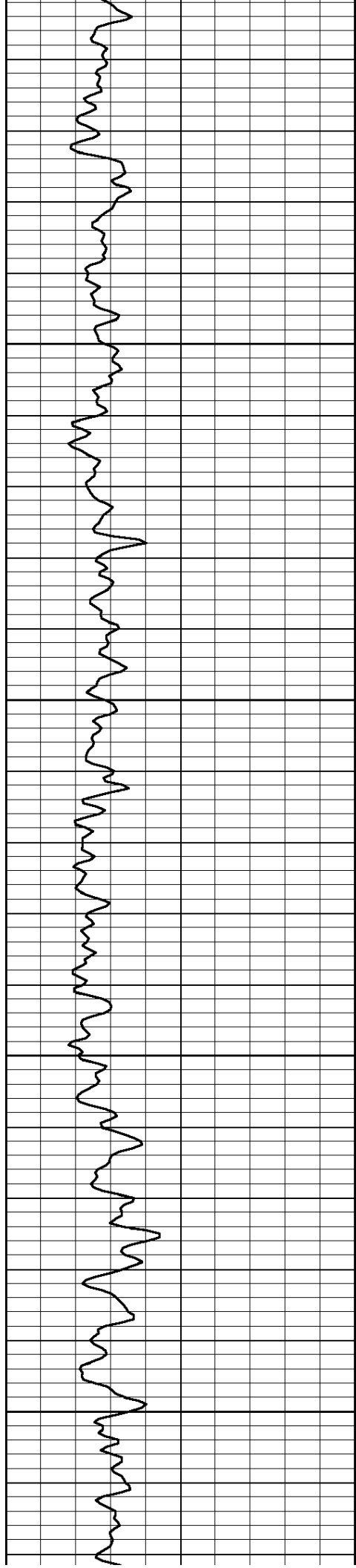
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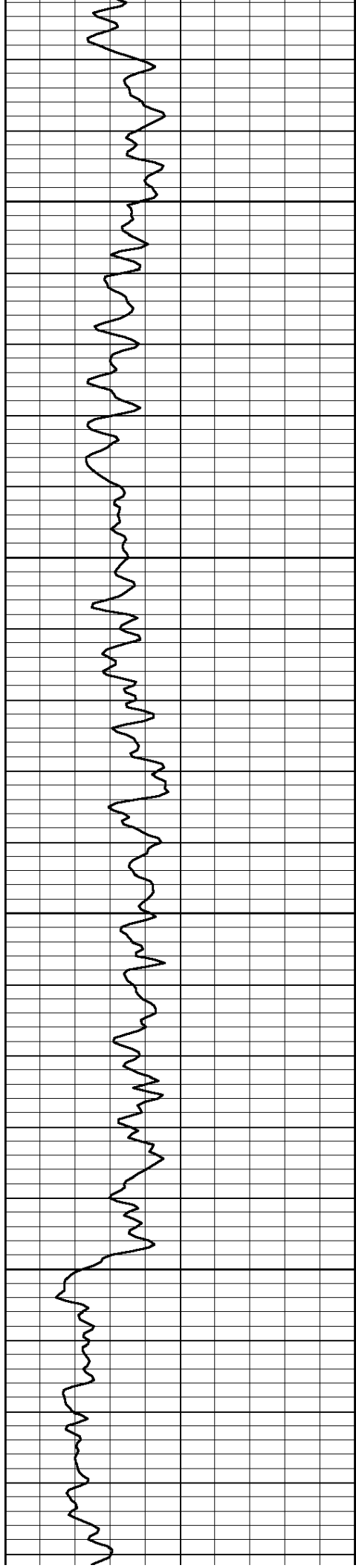
0 Gamma Ray 150

30 Compensated Neutron (Limestone) -10

LSPD





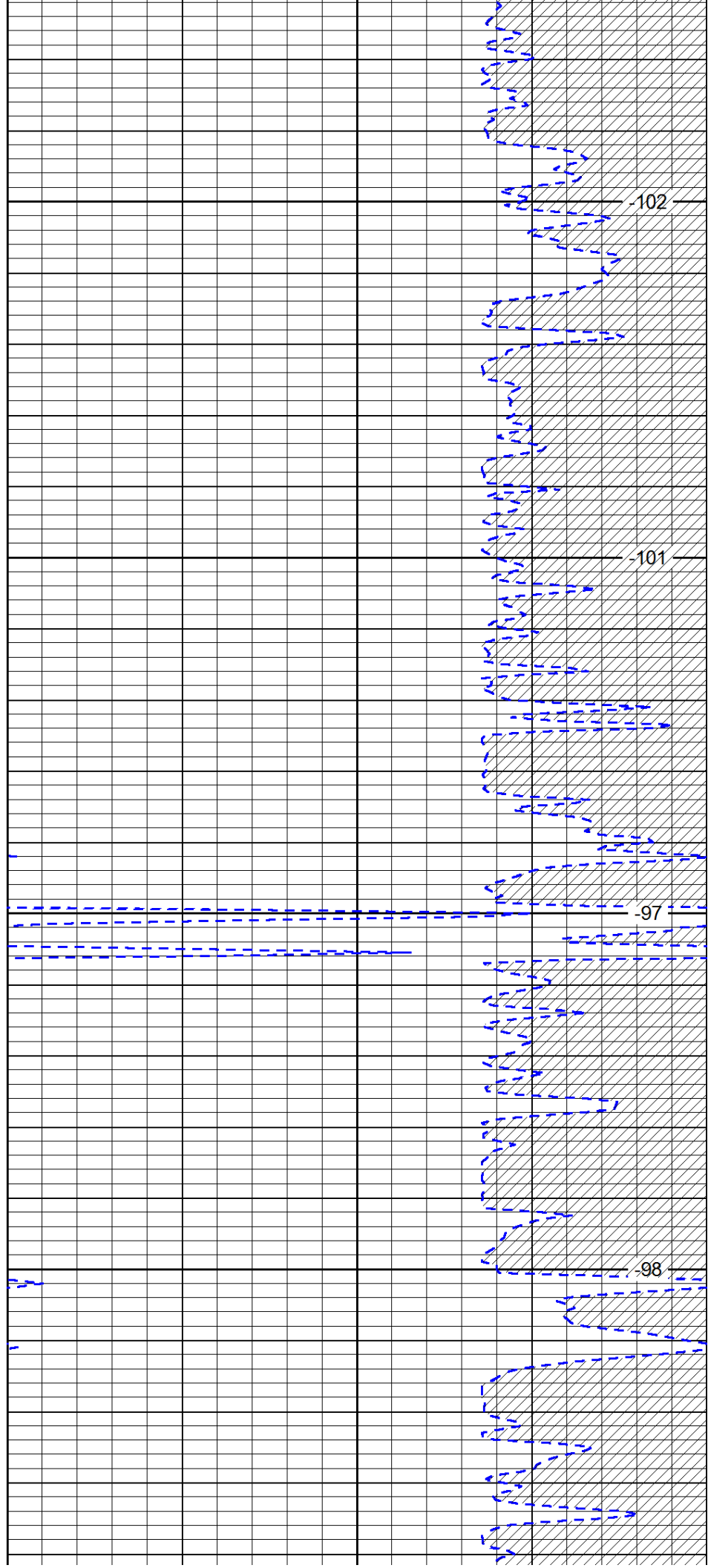


450

500

550

600

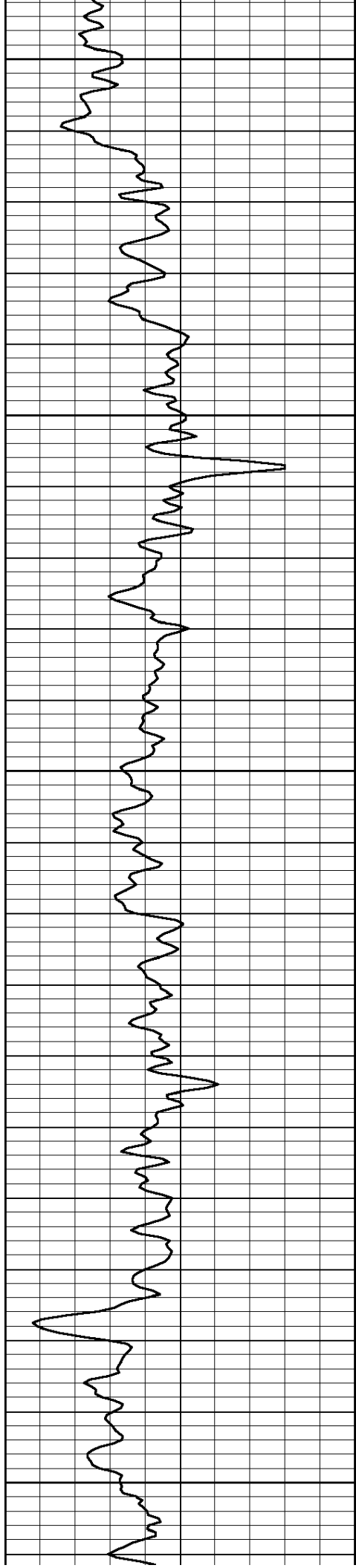


-102

-101

-97

-98



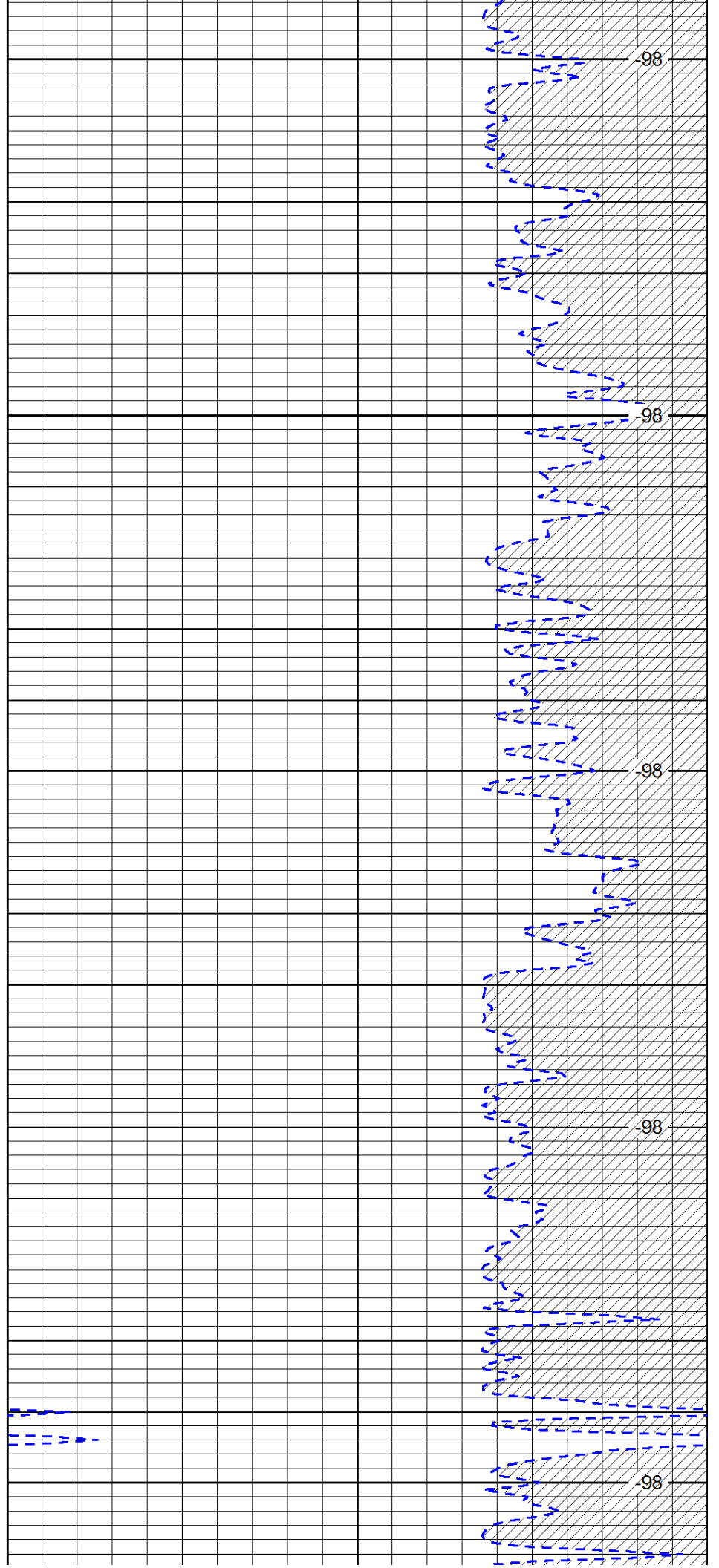
650

700

750

800

850



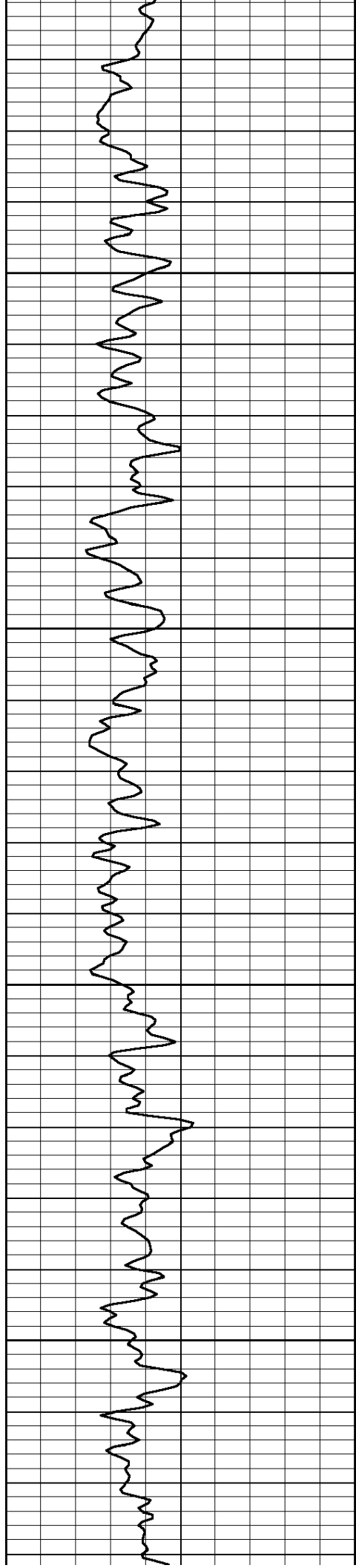
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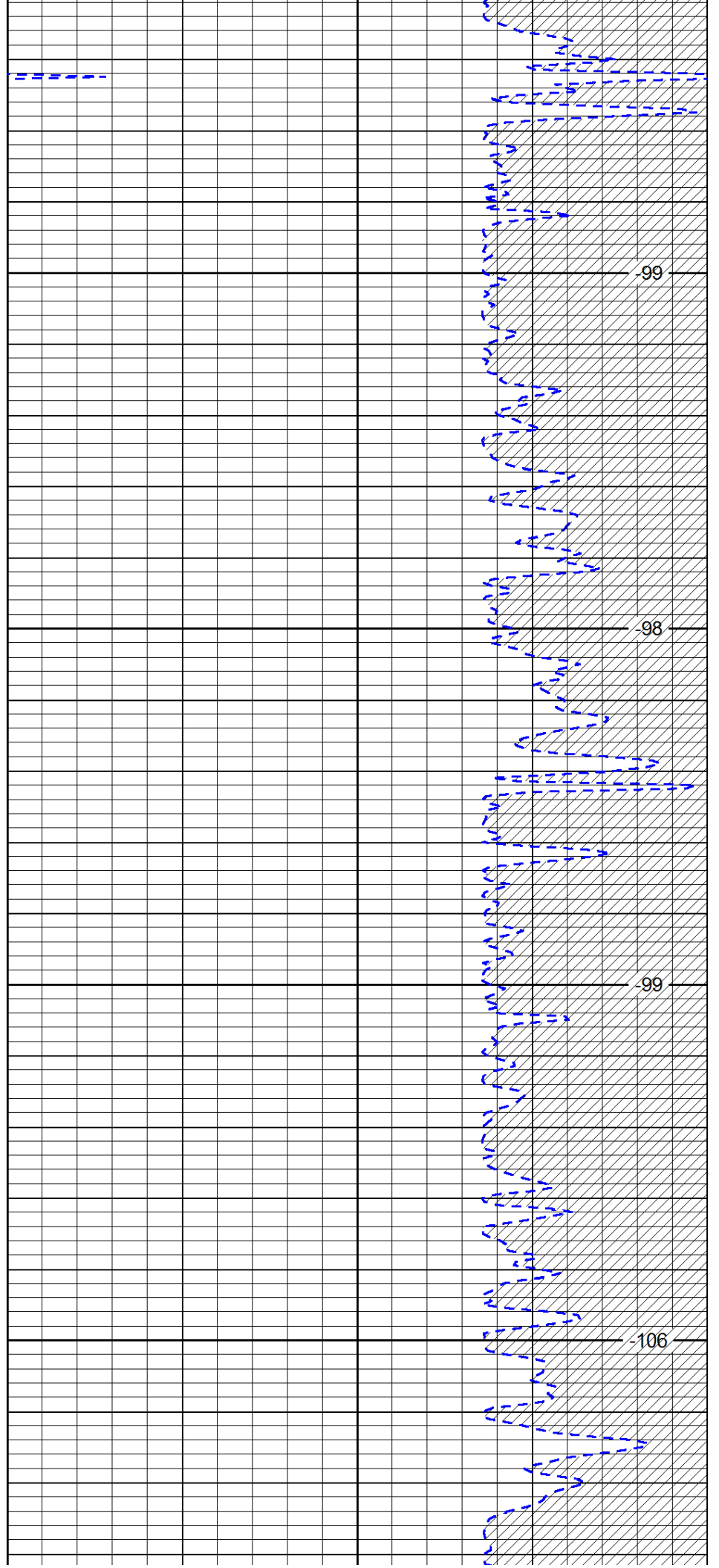


900

950

1000

1050

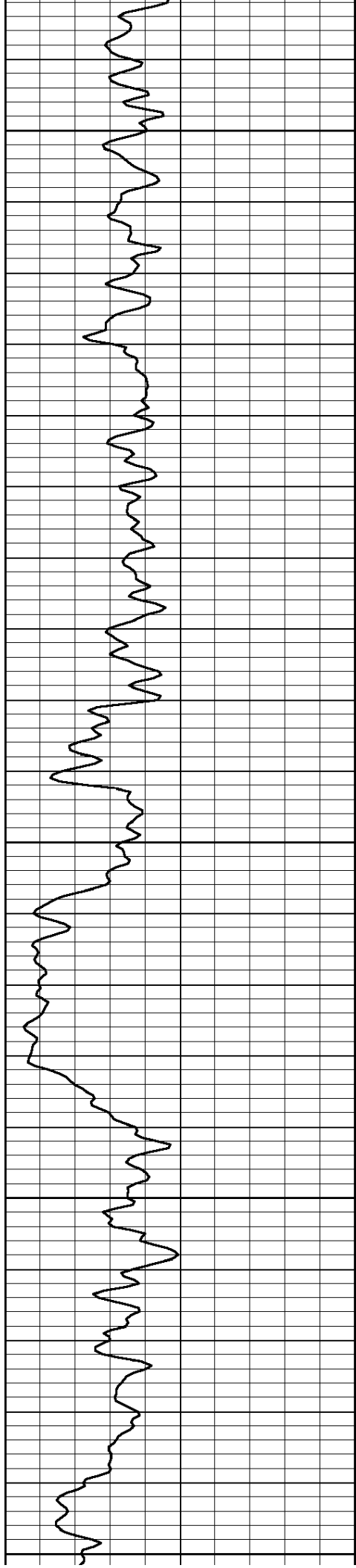


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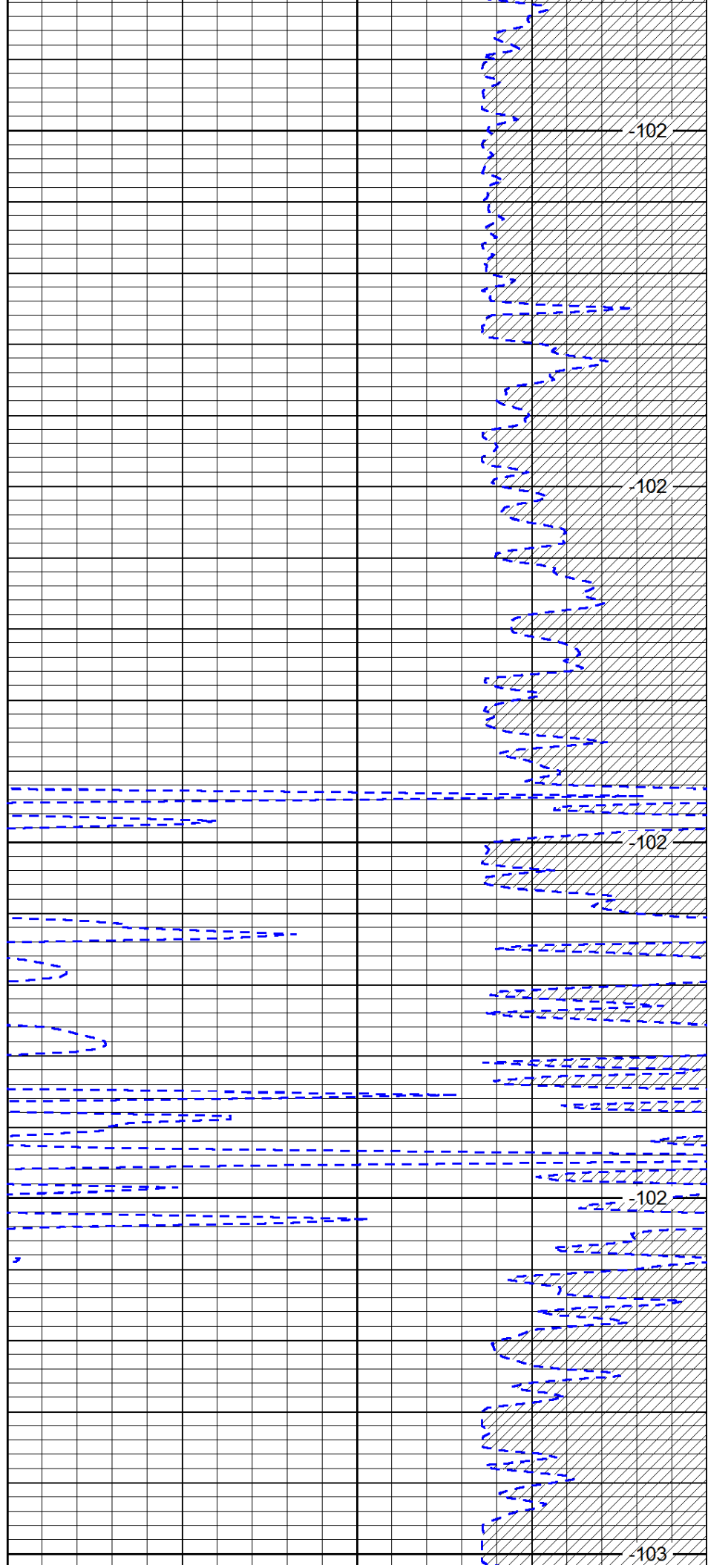
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1150

1200

1250

1300



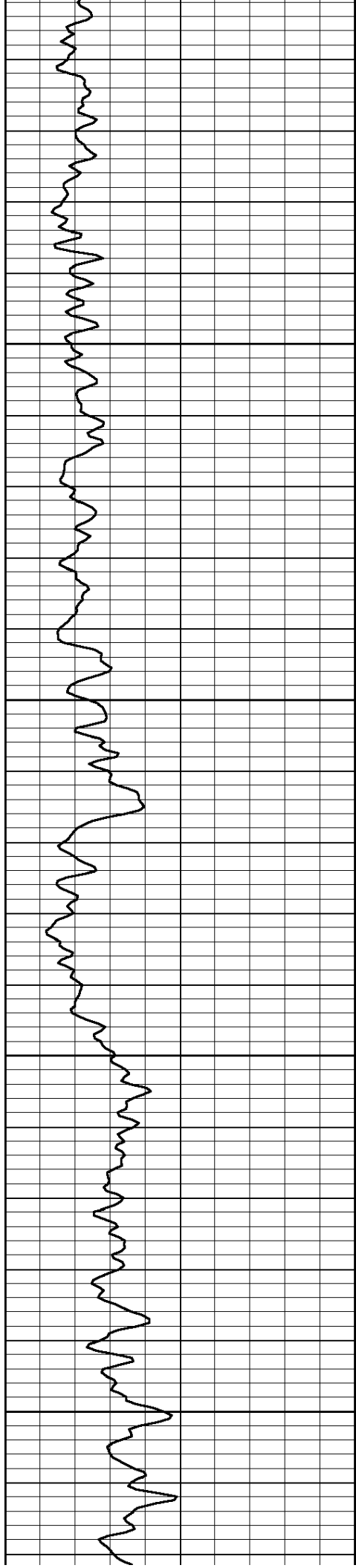
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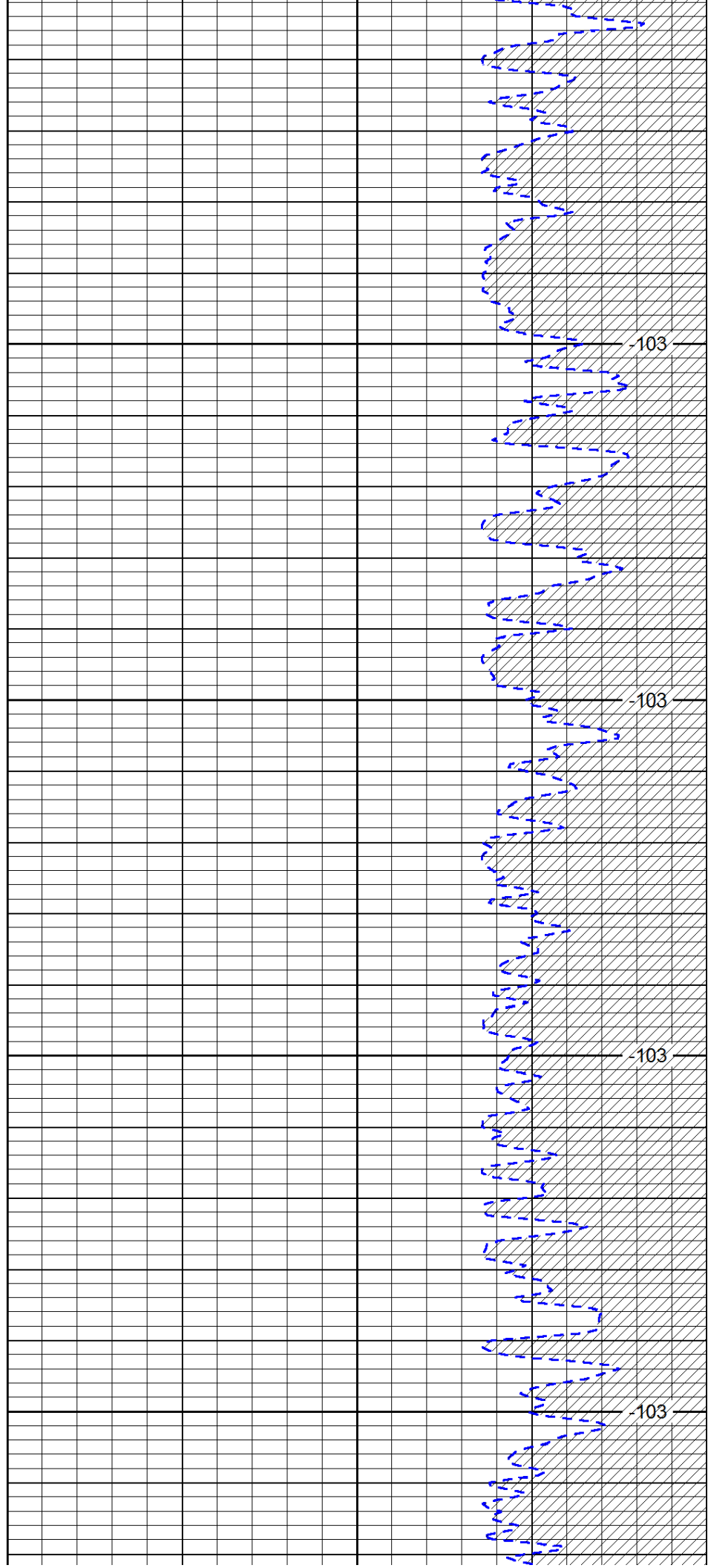


1350

1400

1450

1500

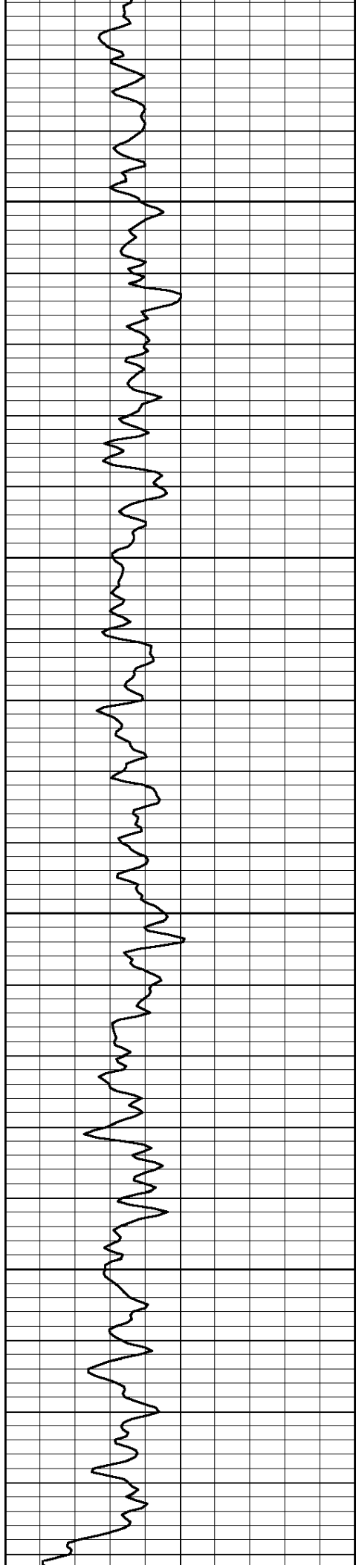


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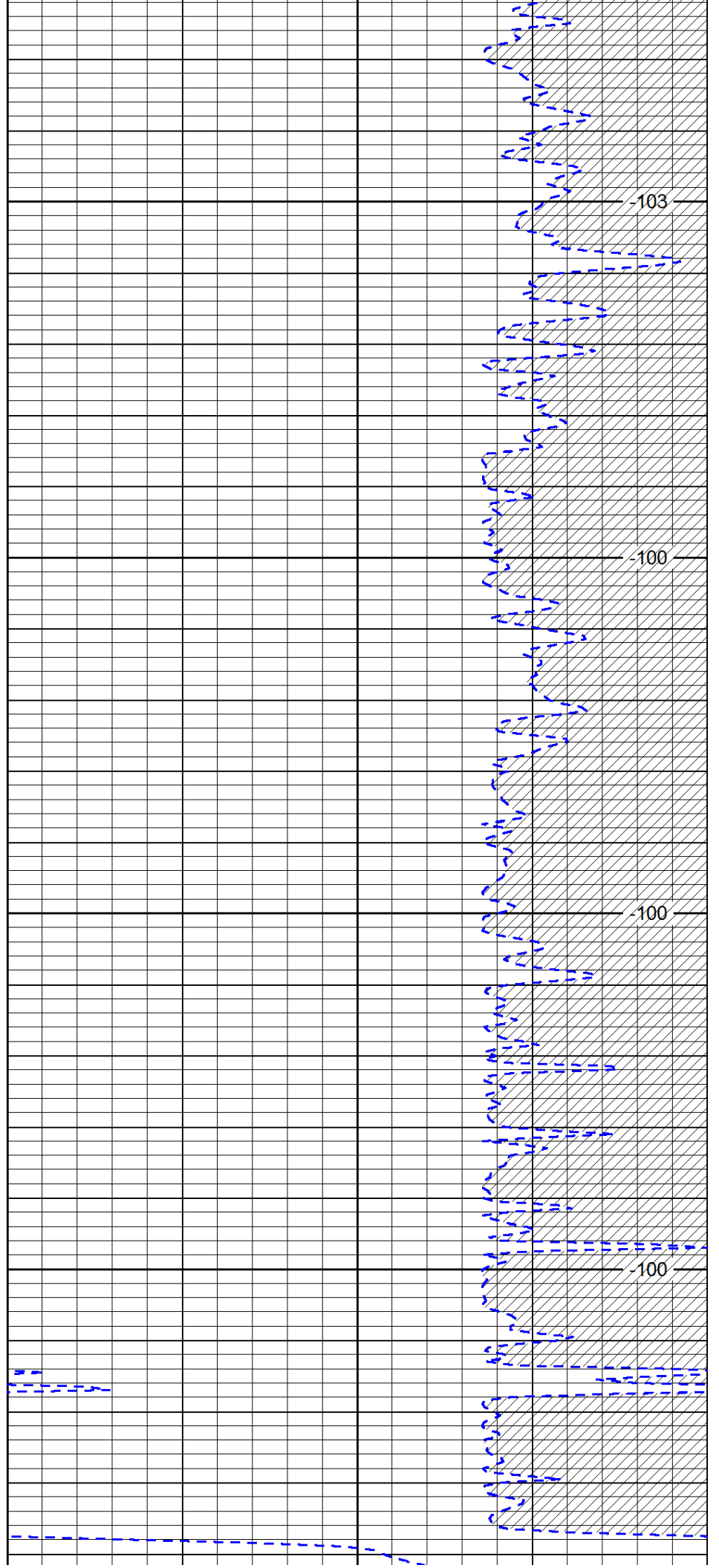


1550

1600

1650

1700

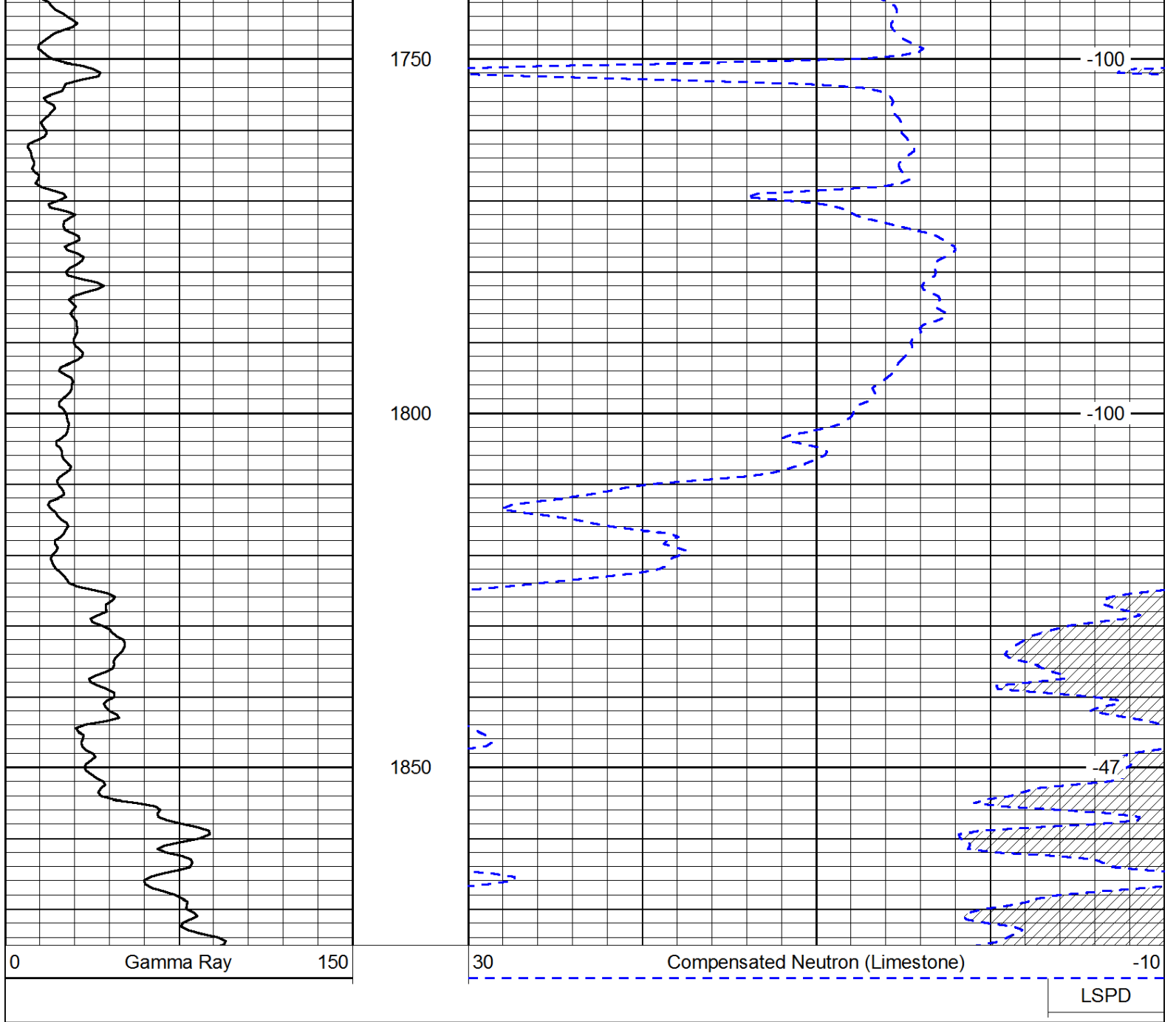


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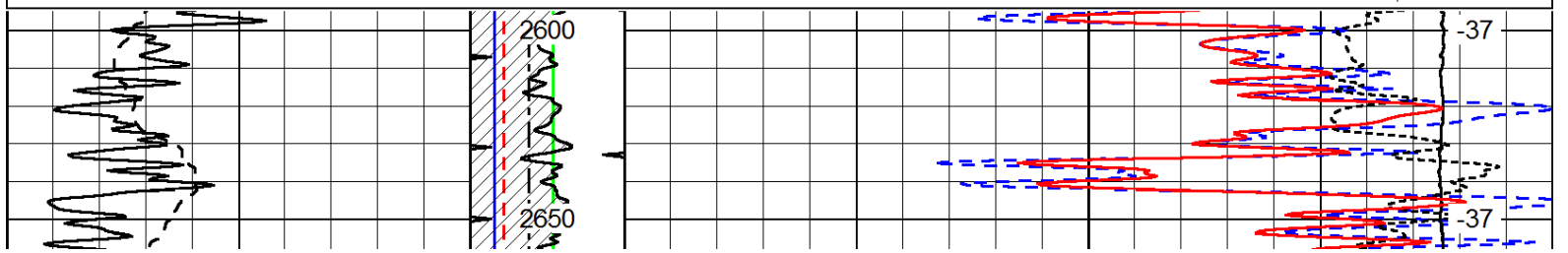
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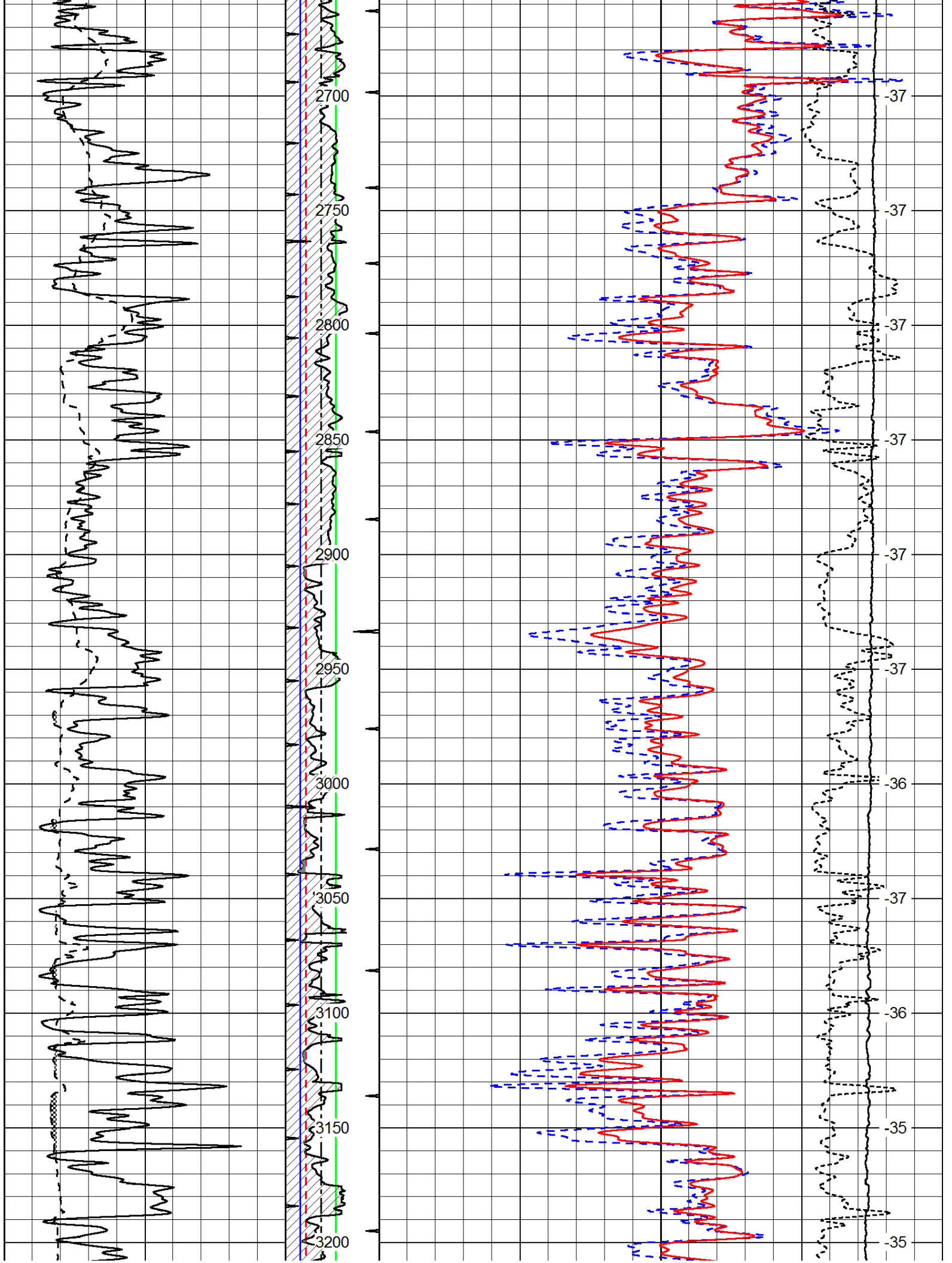
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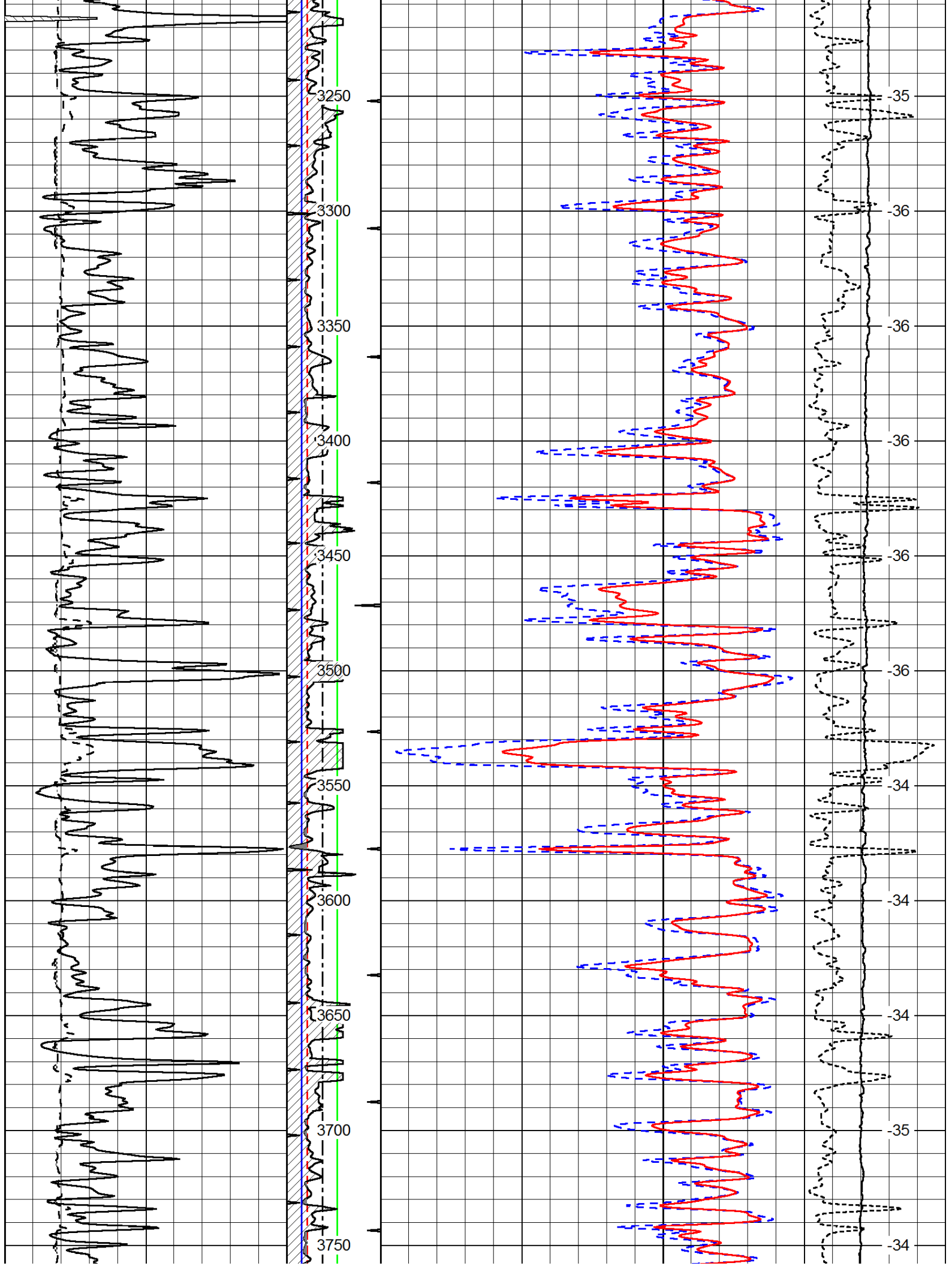


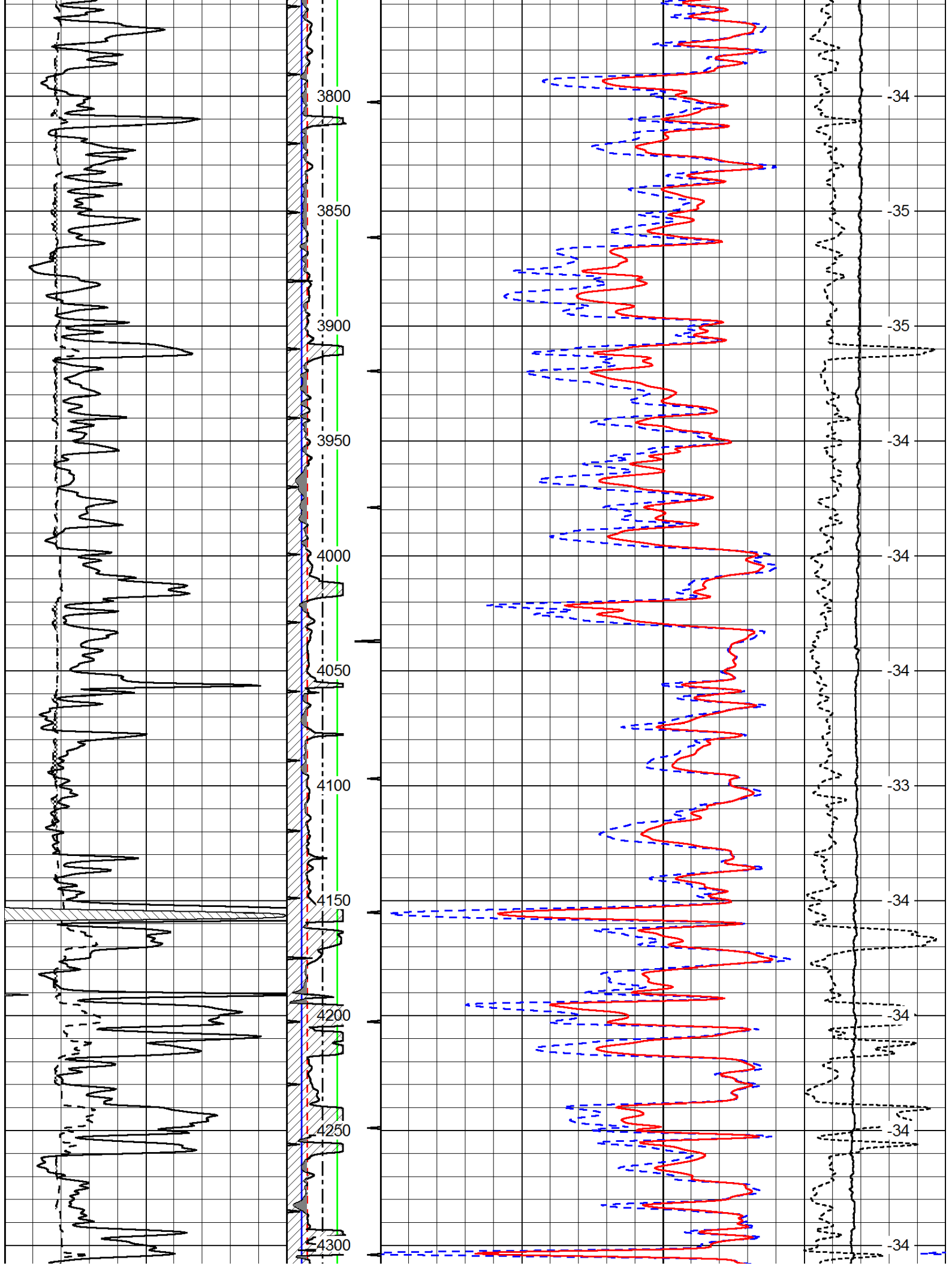
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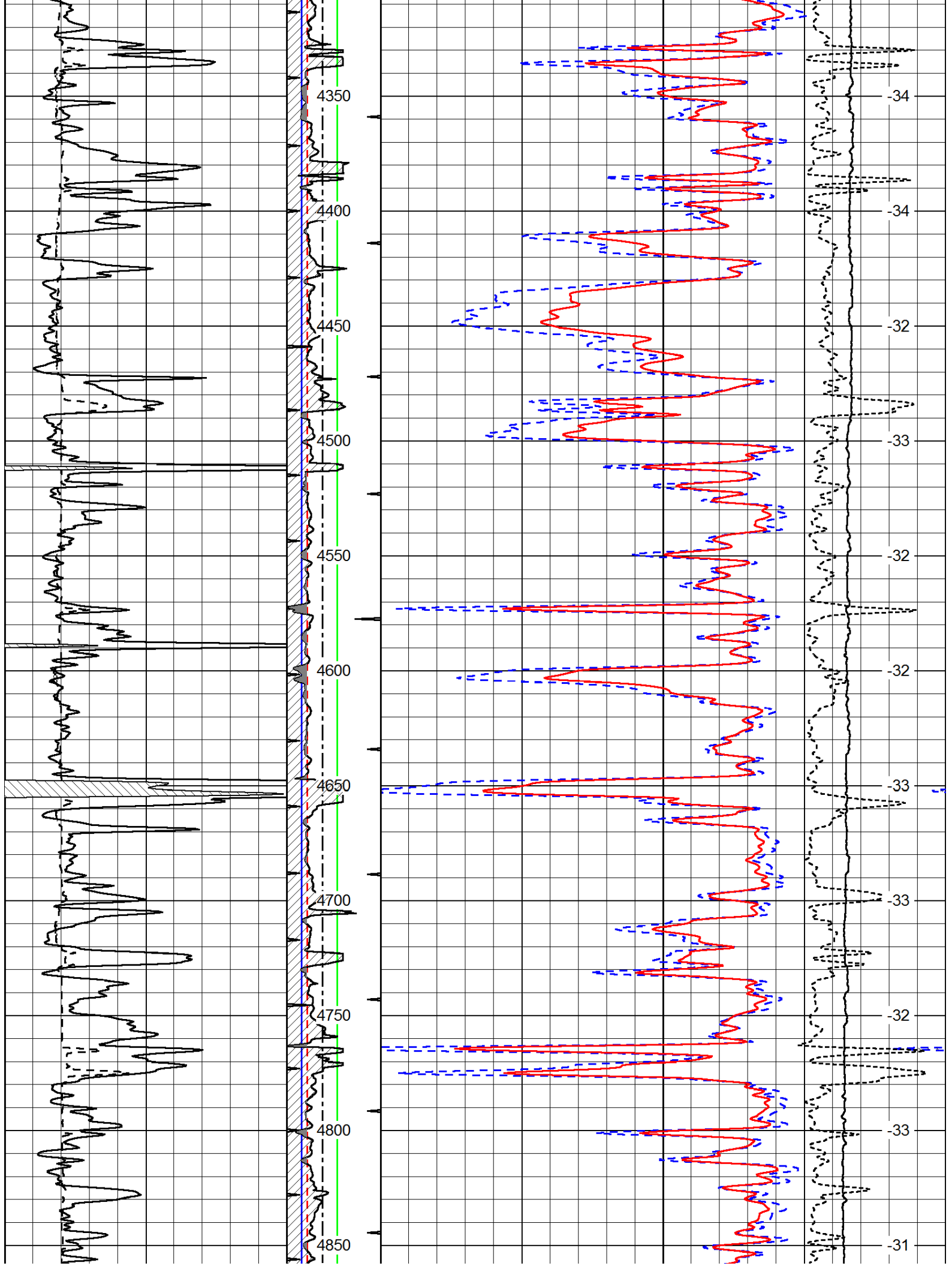
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6	Caliper (GAPI)	16		15000	Line Tension	0
				2	Bulk Density	3
					-0.25 Correction 0.25	
						LSPD

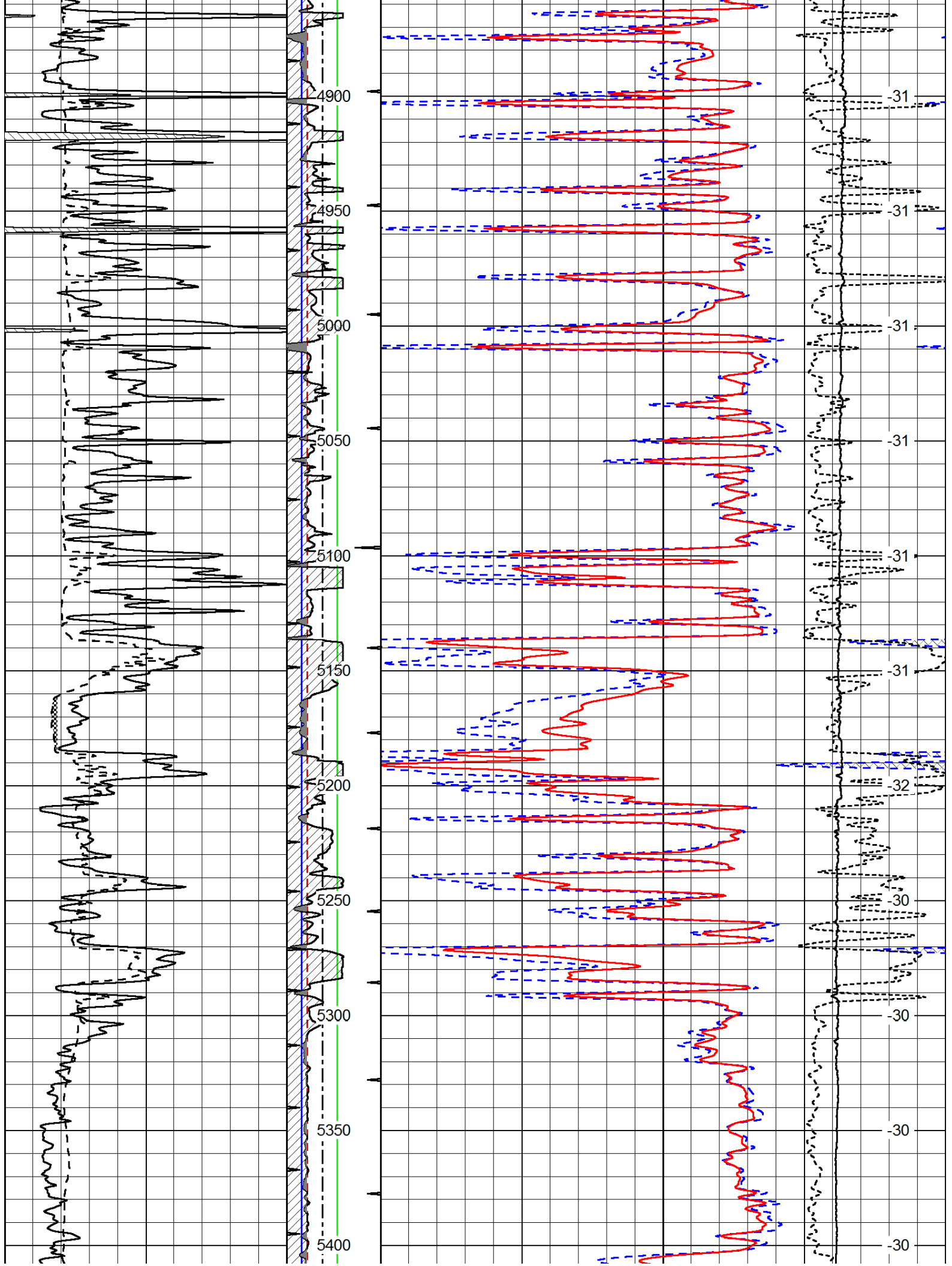


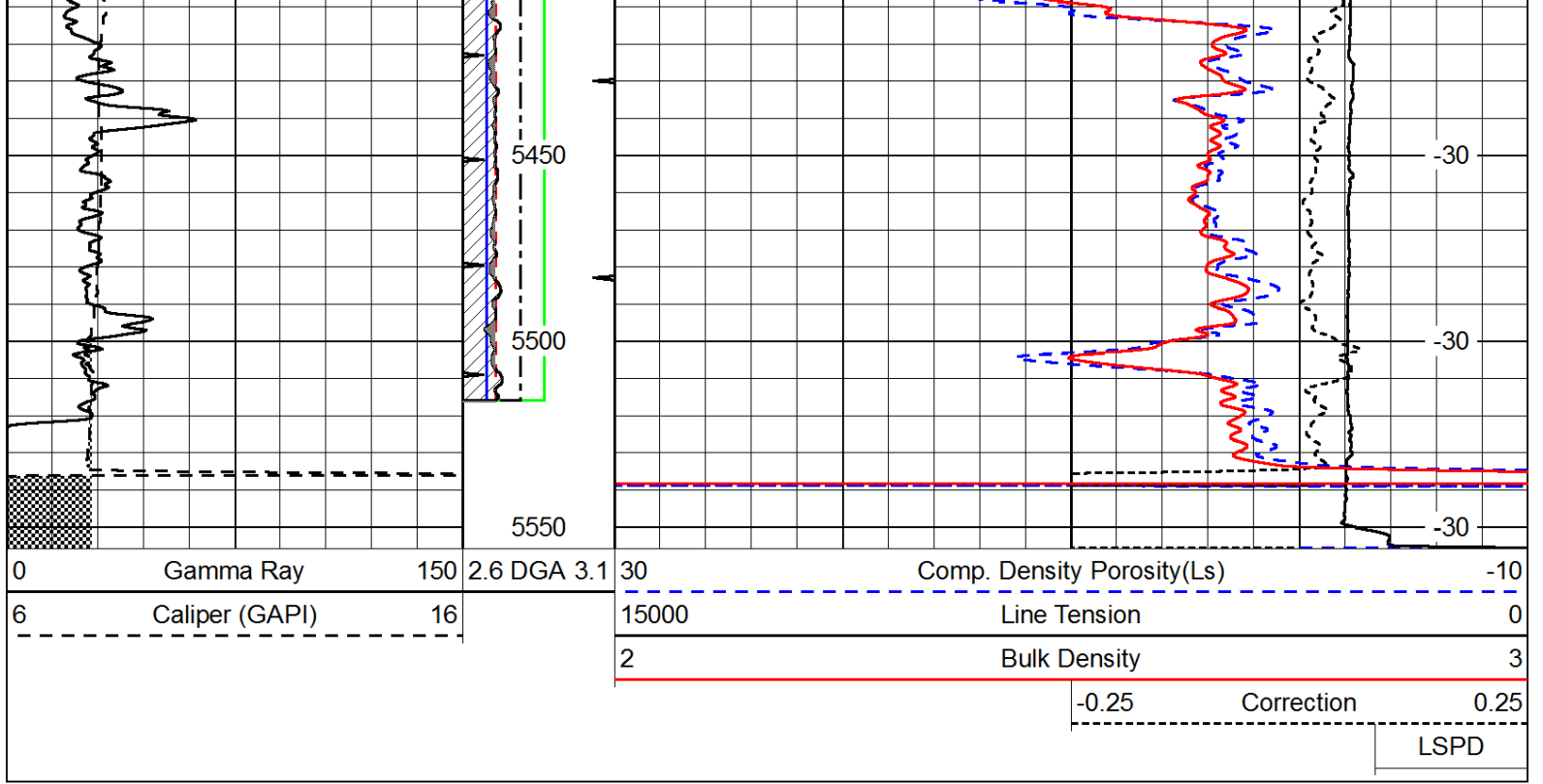




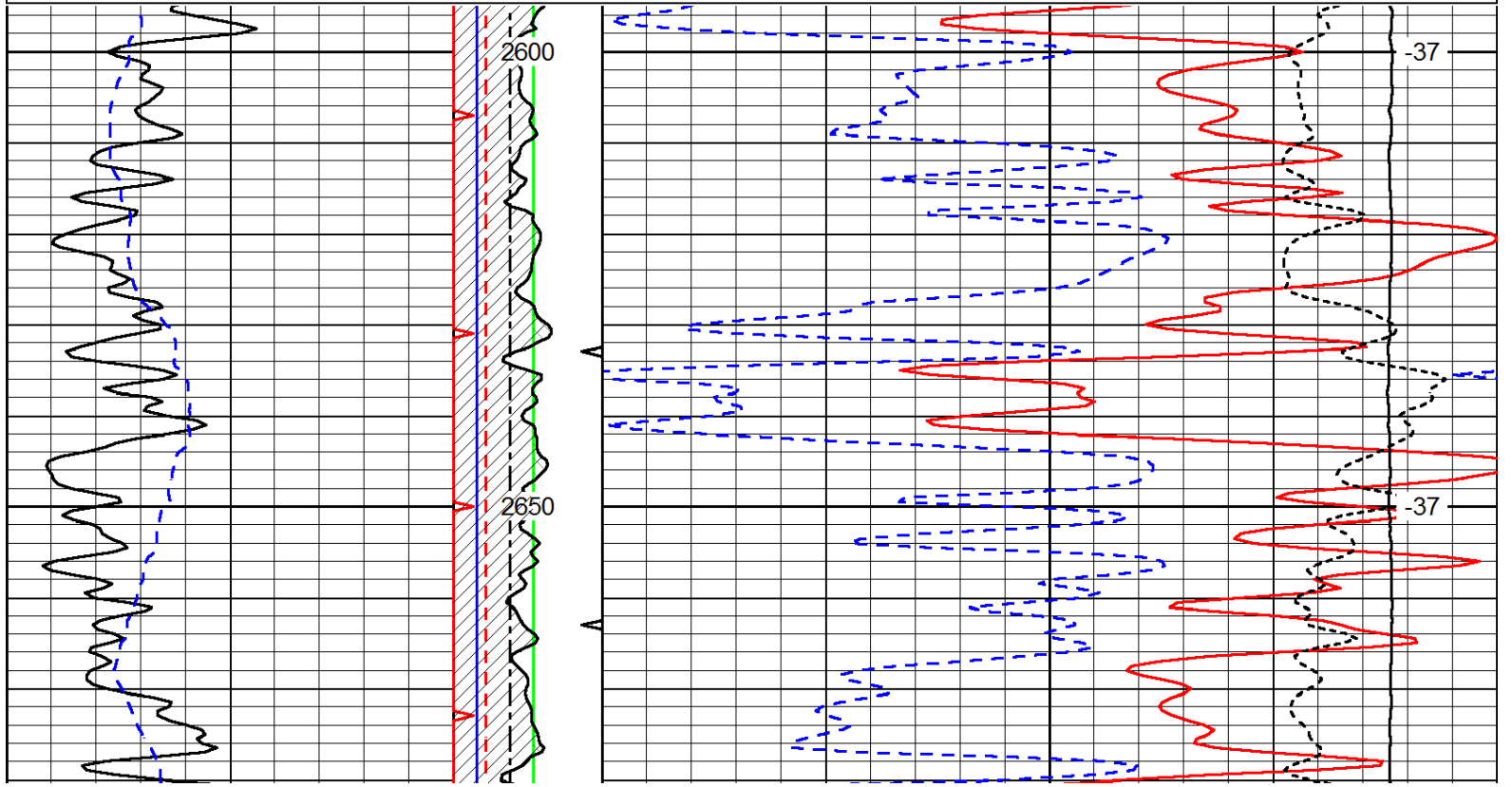
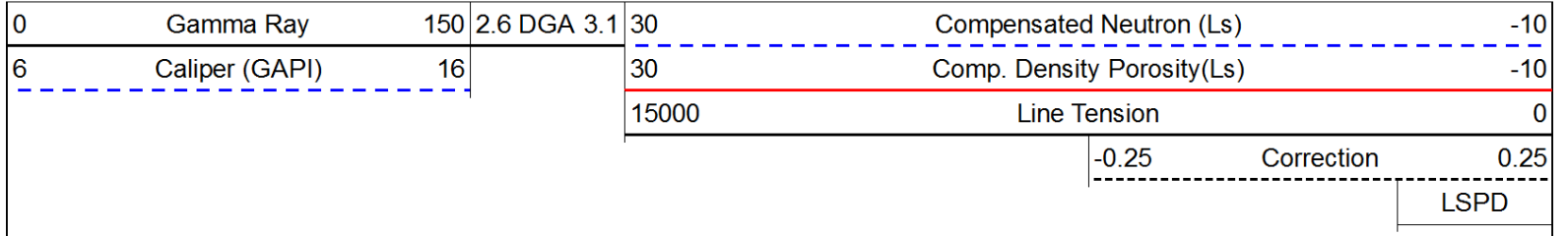


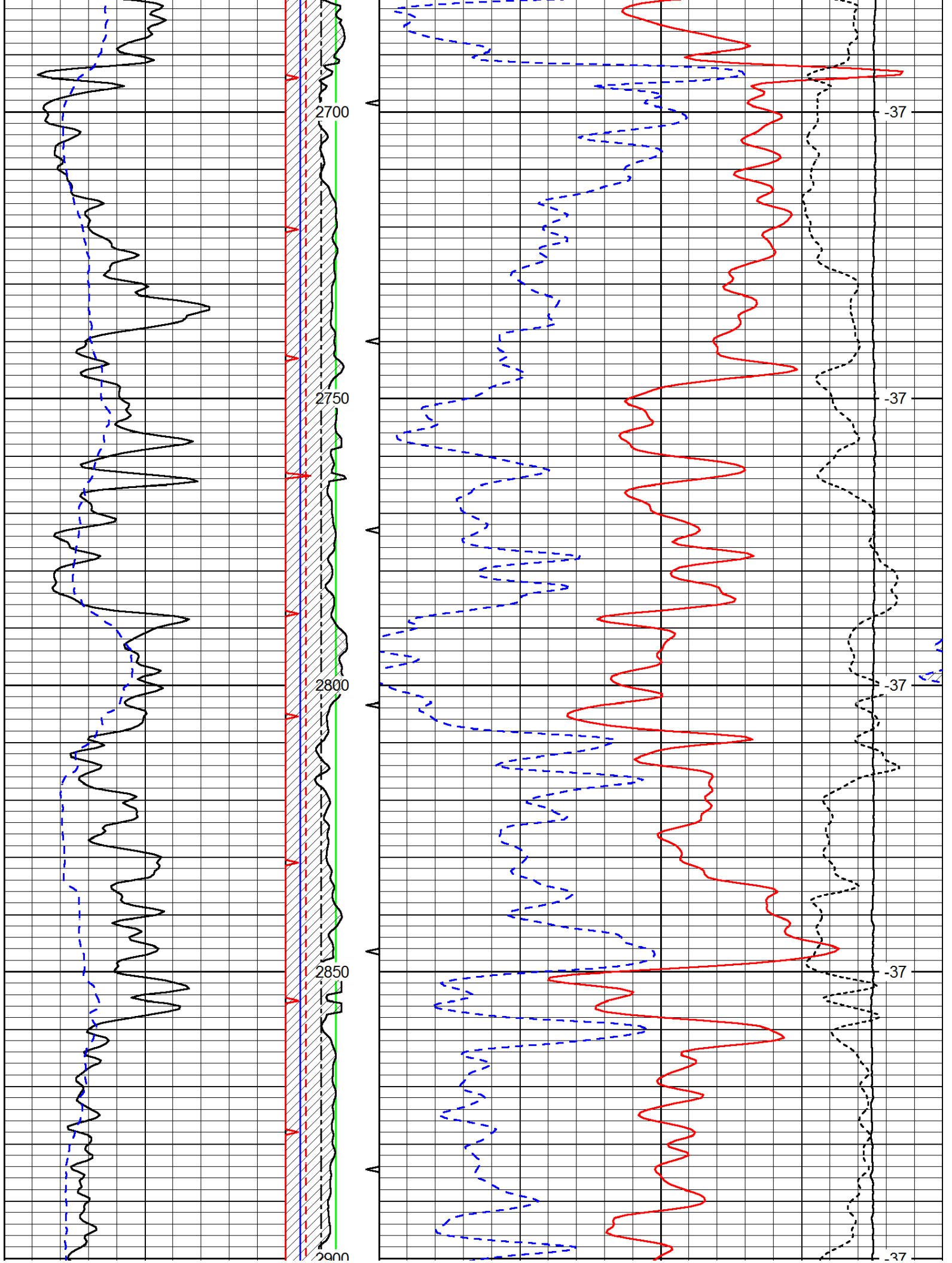


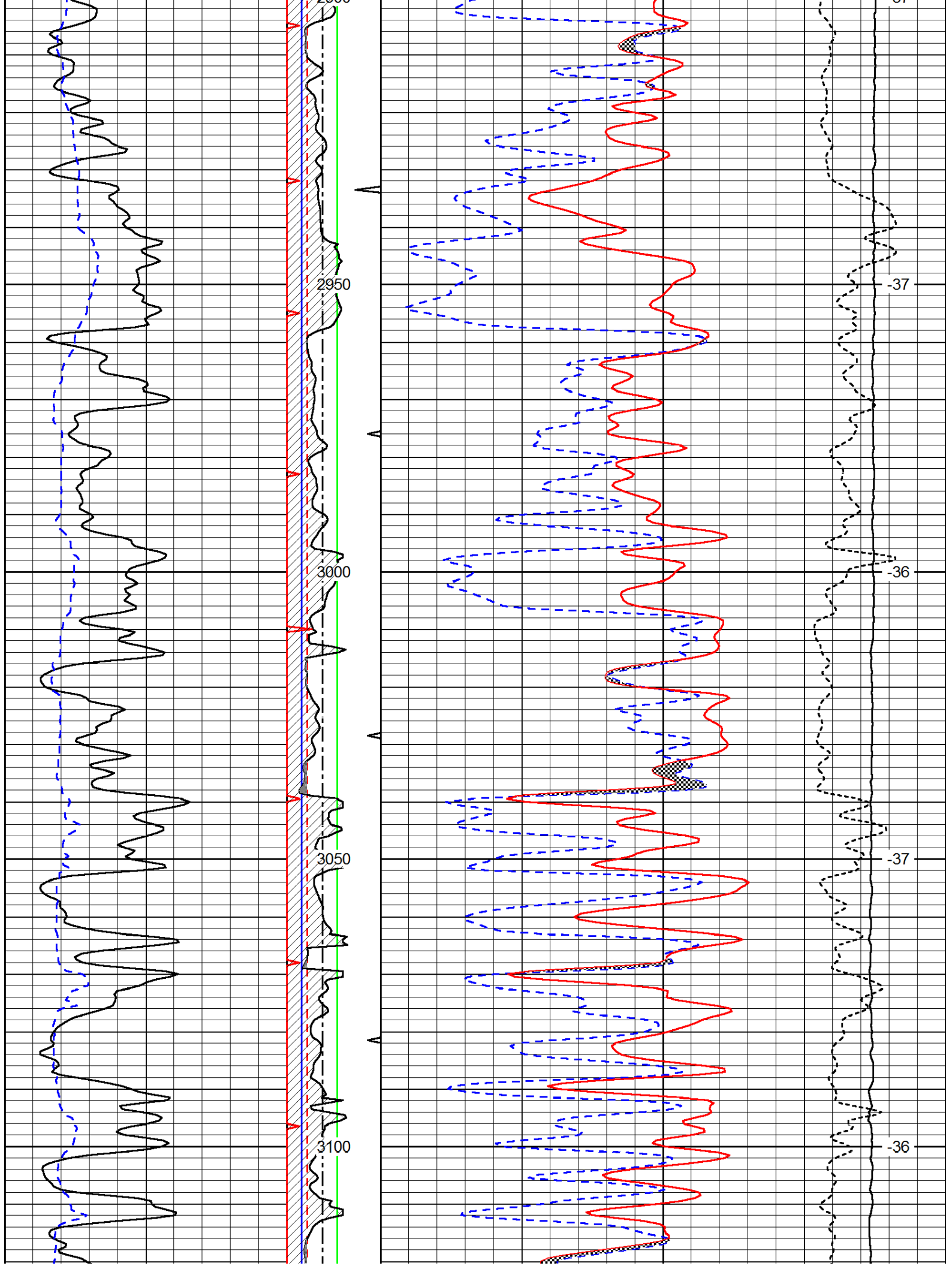


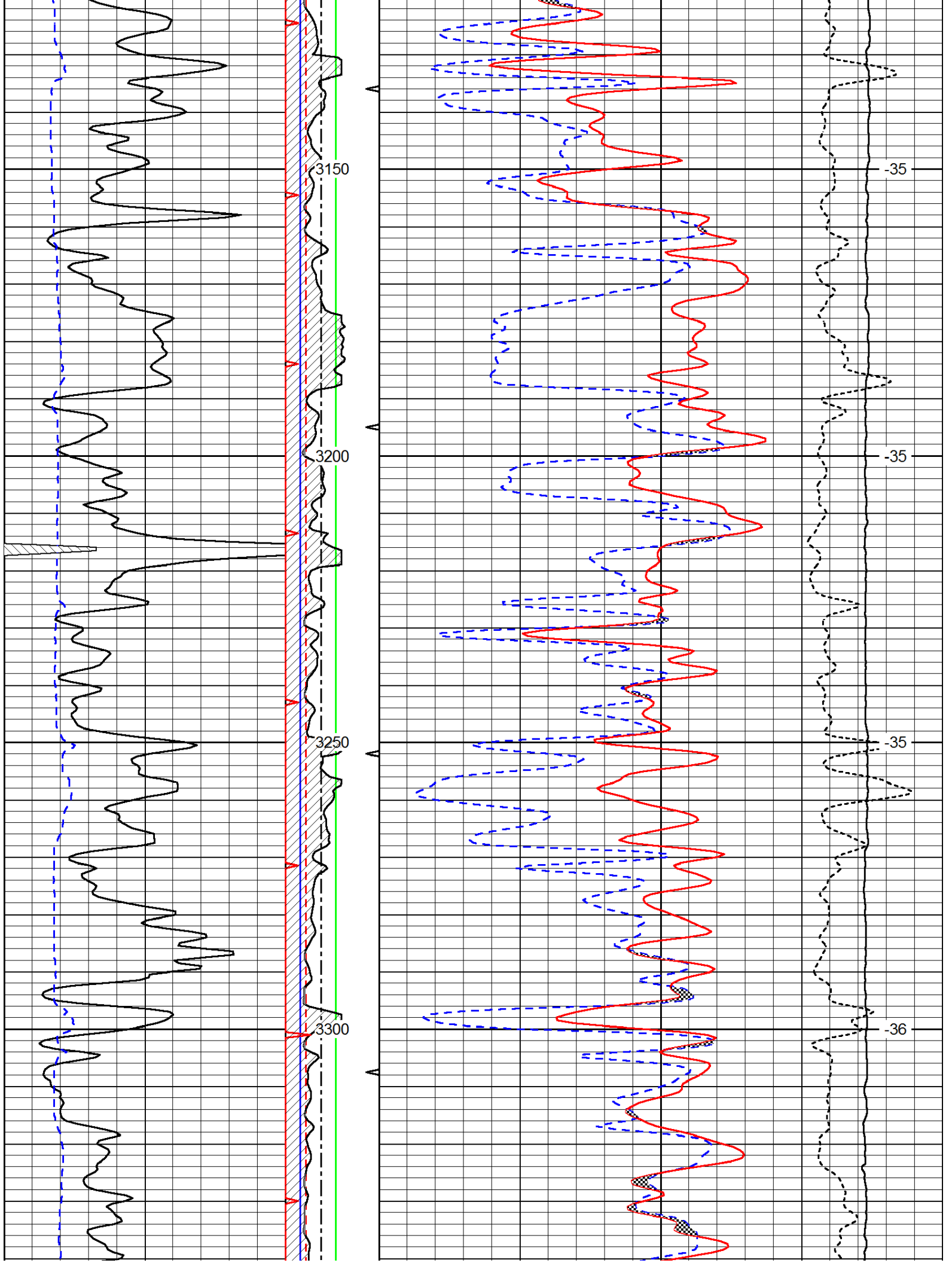


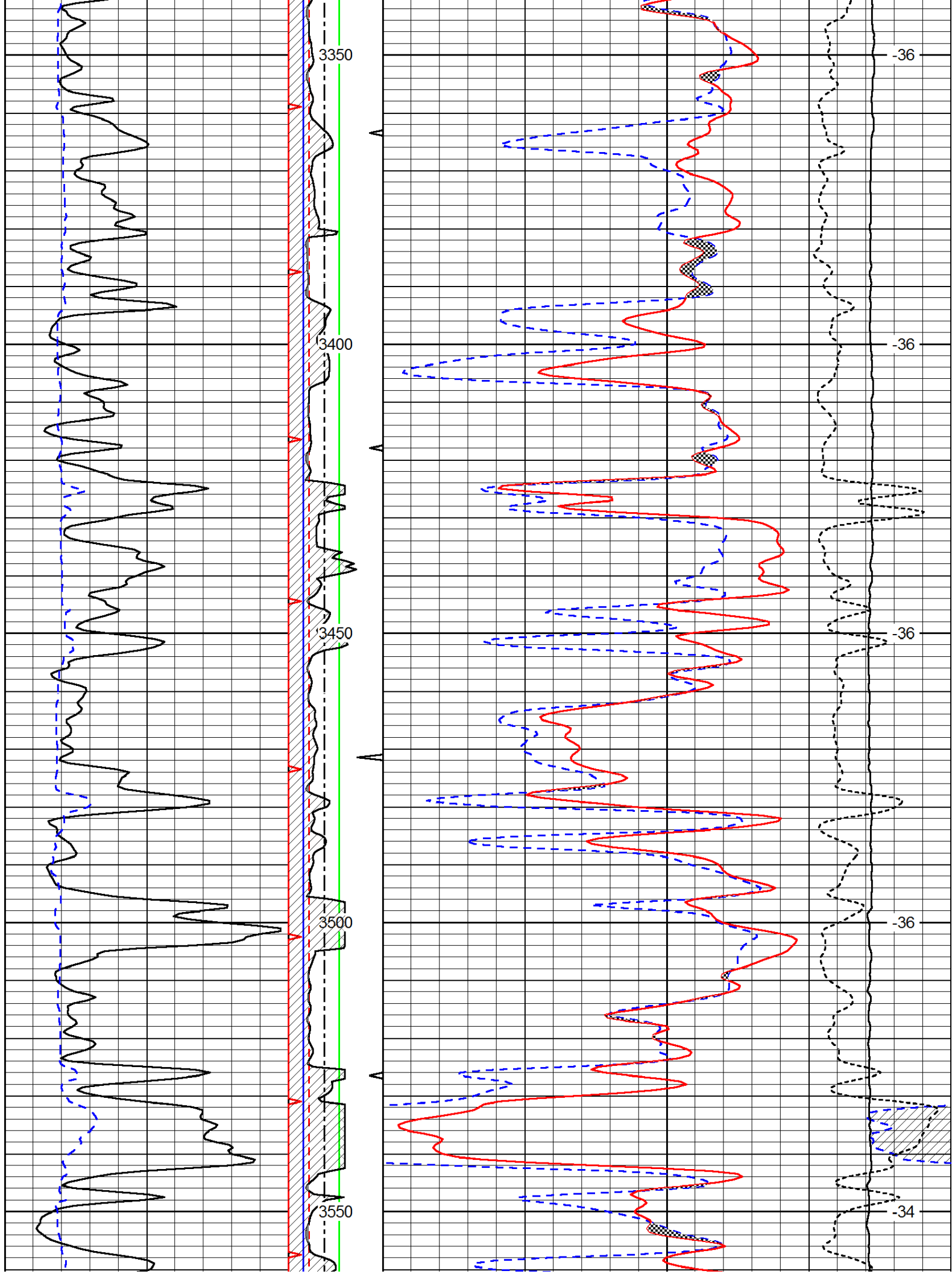
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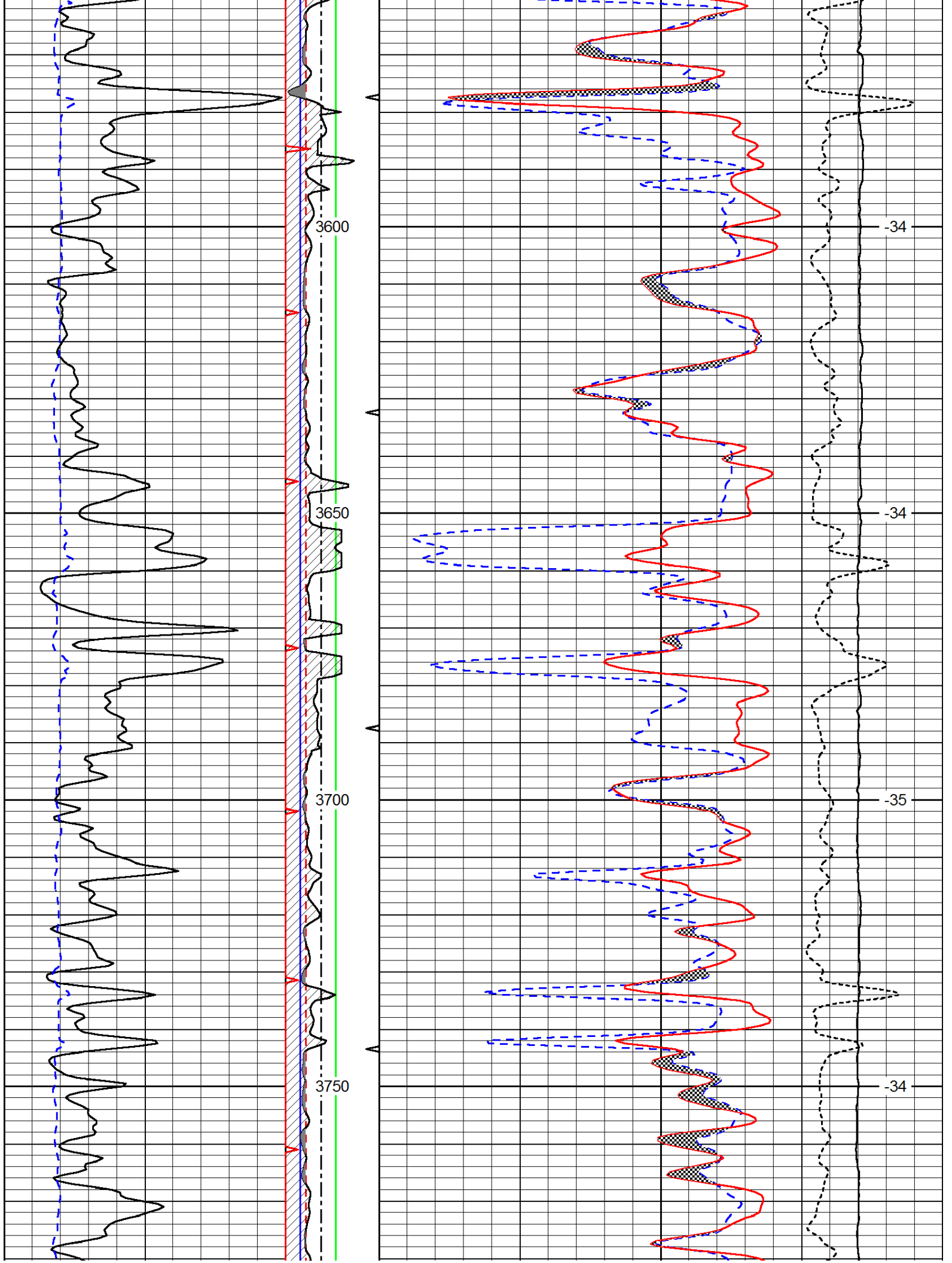


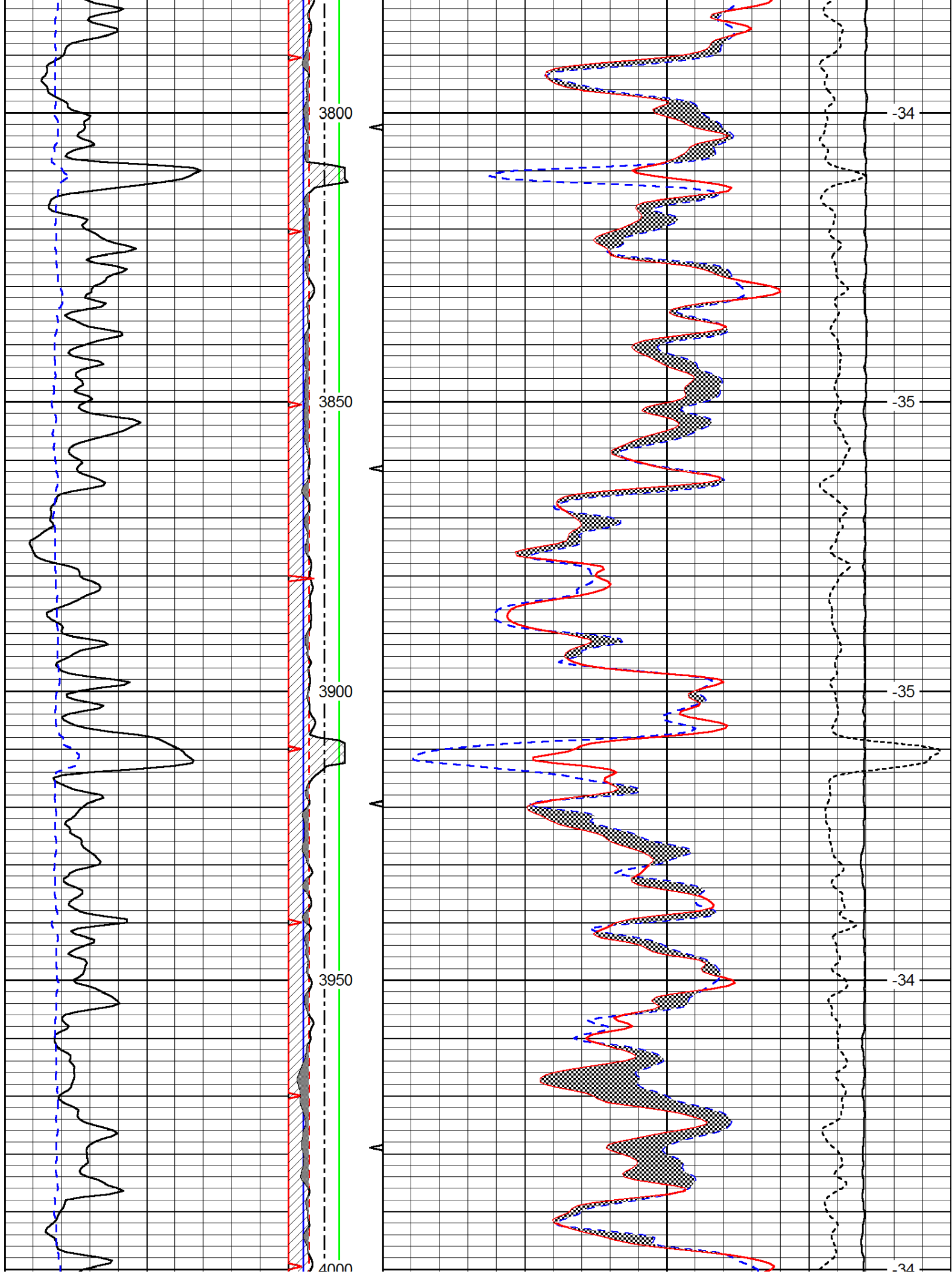


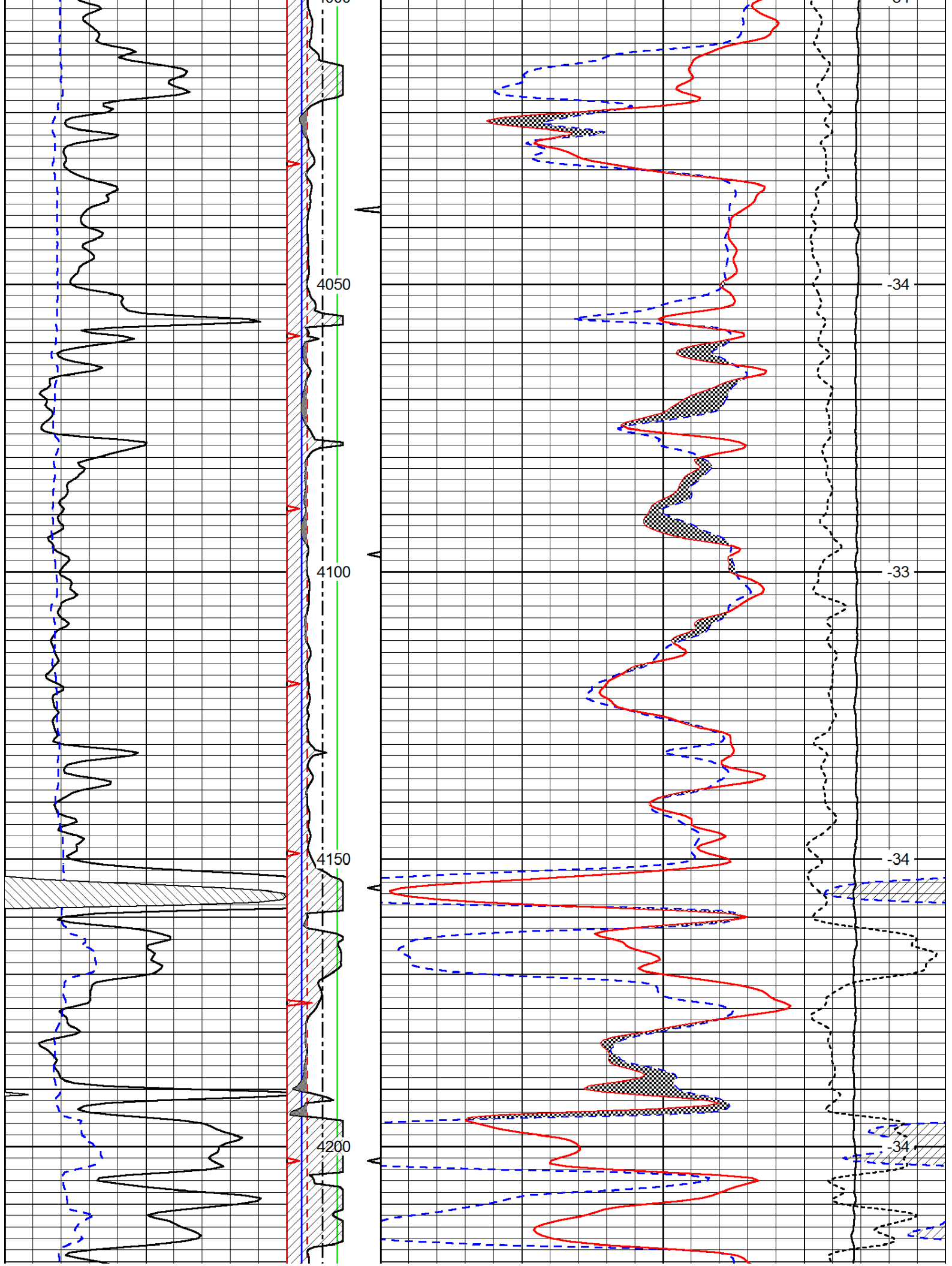


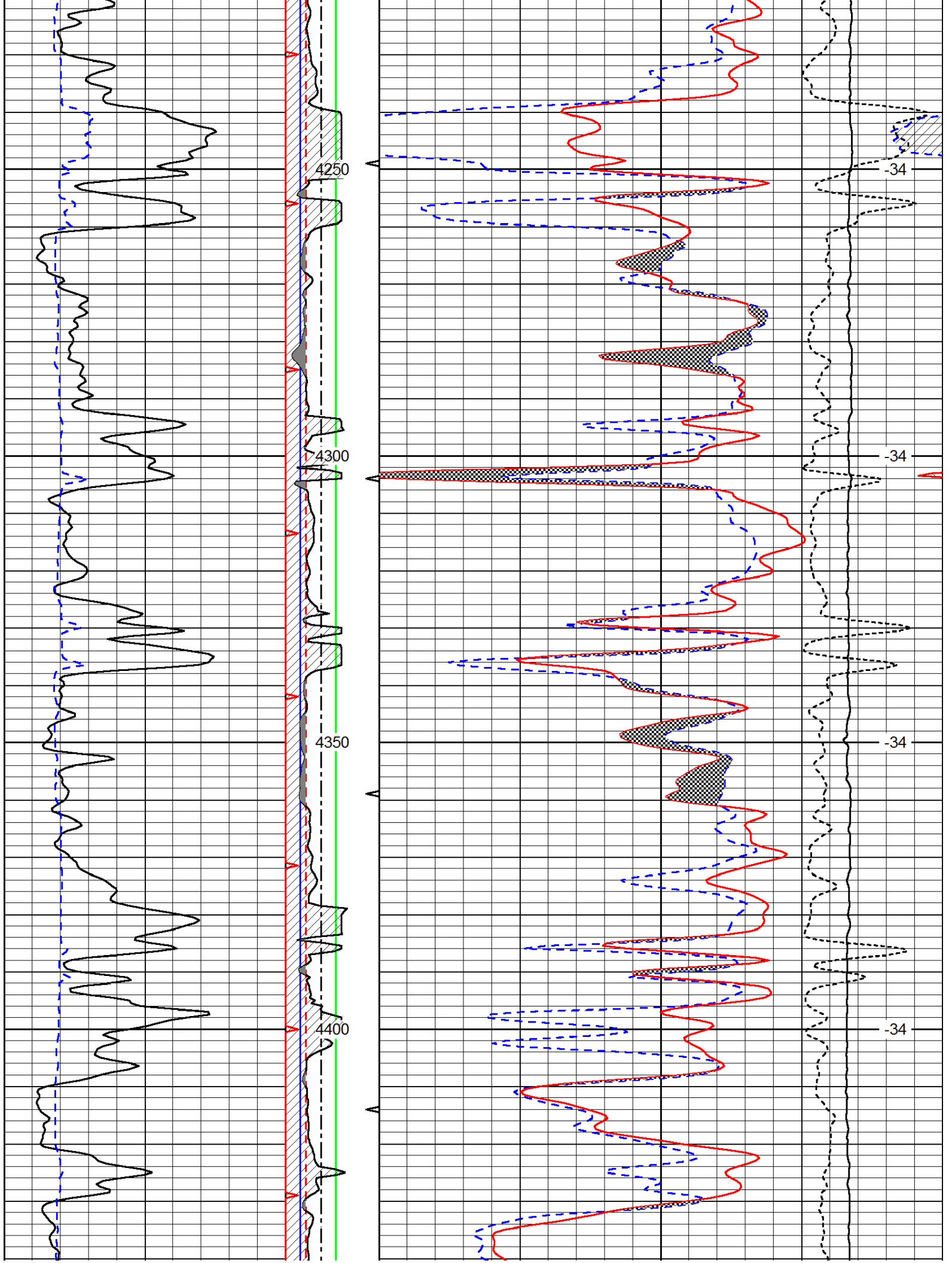


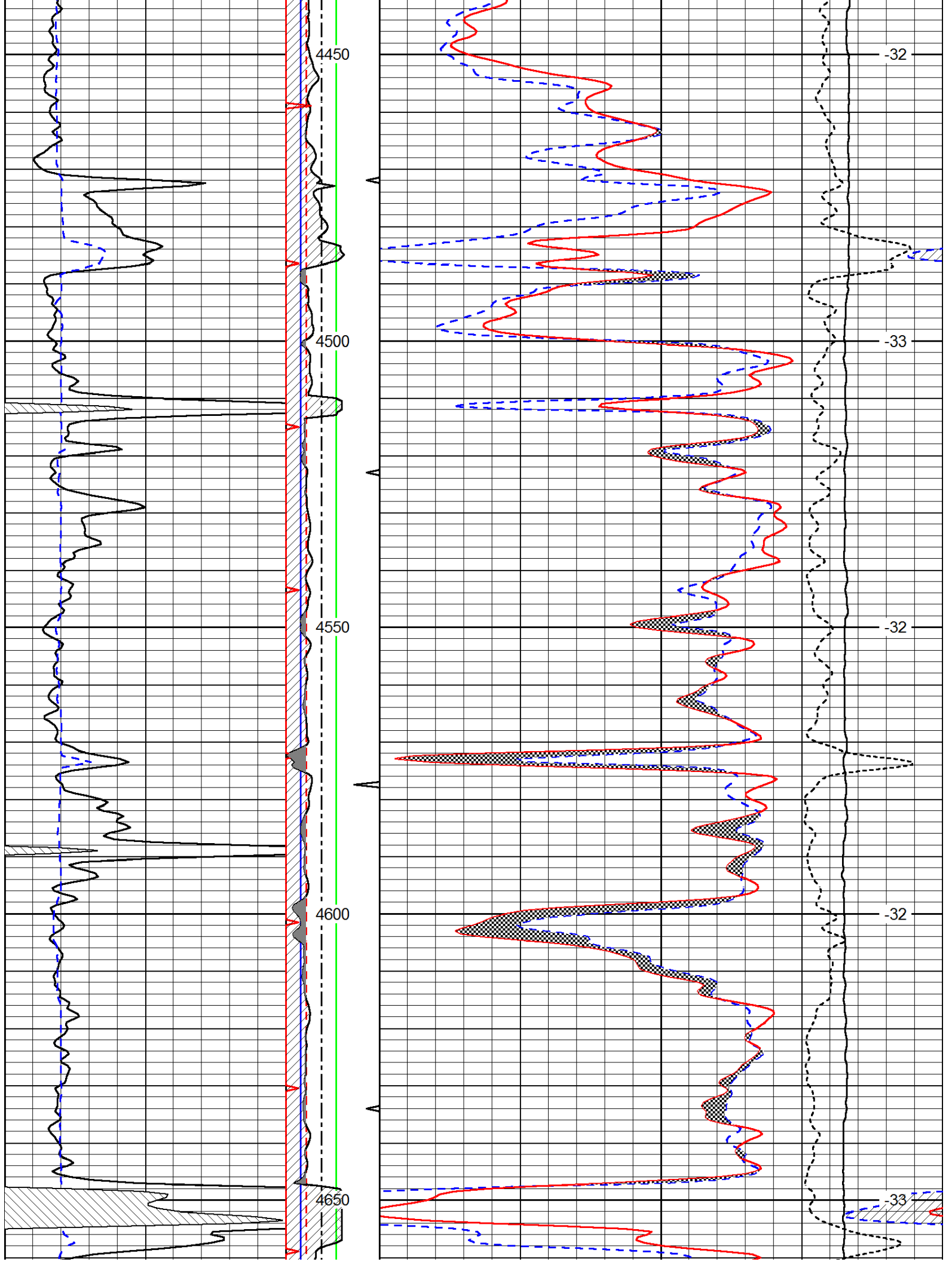


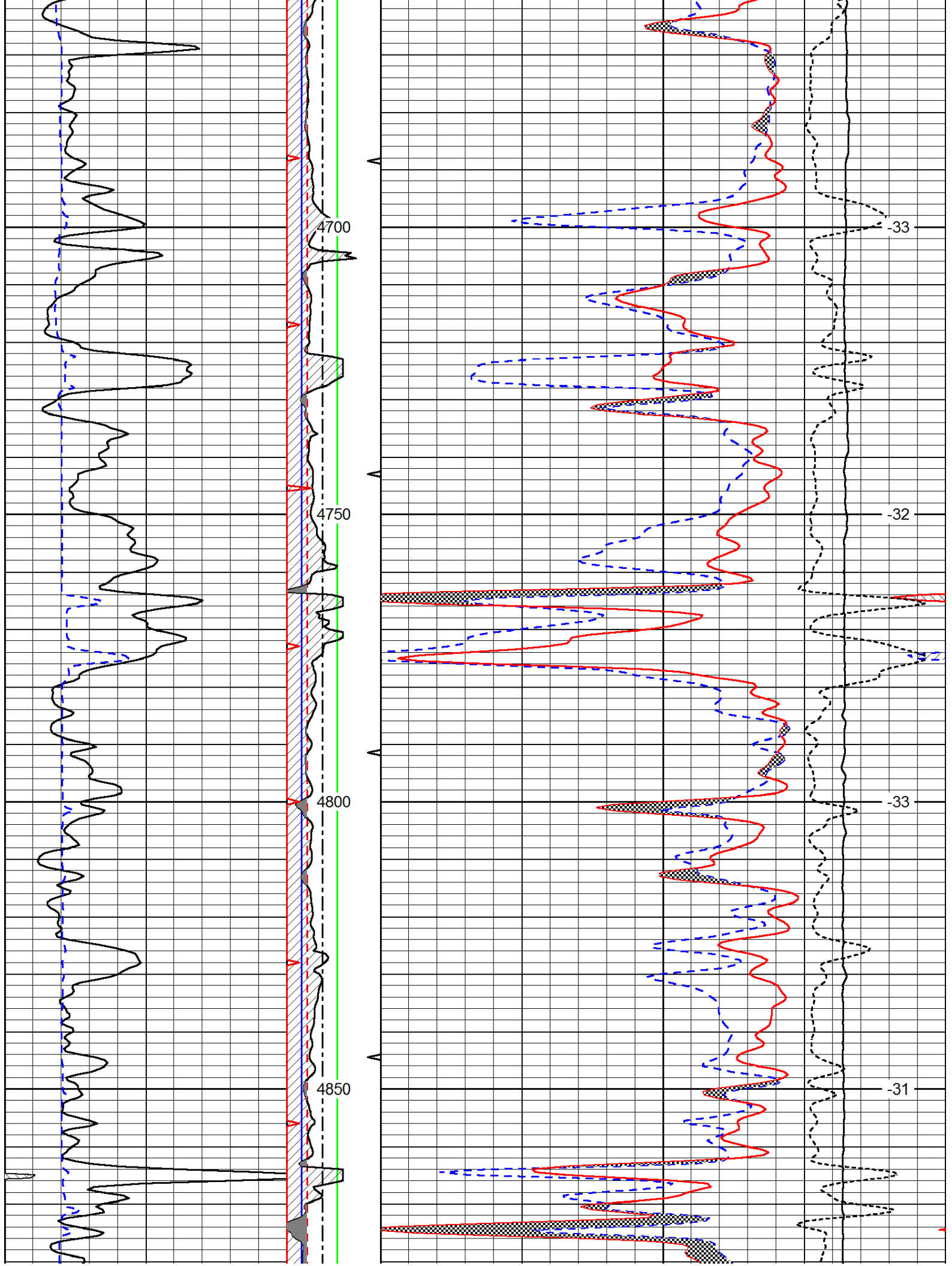


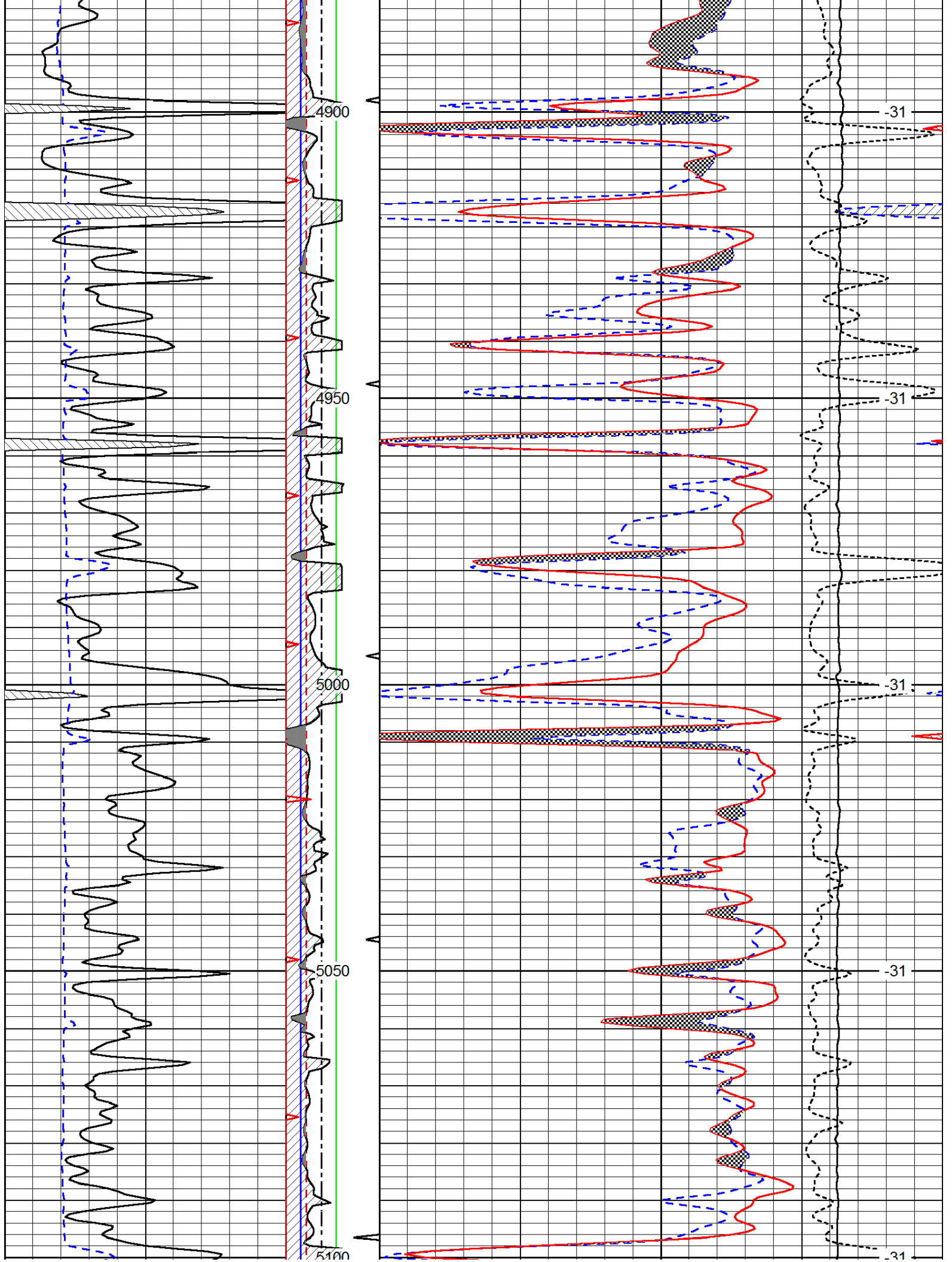


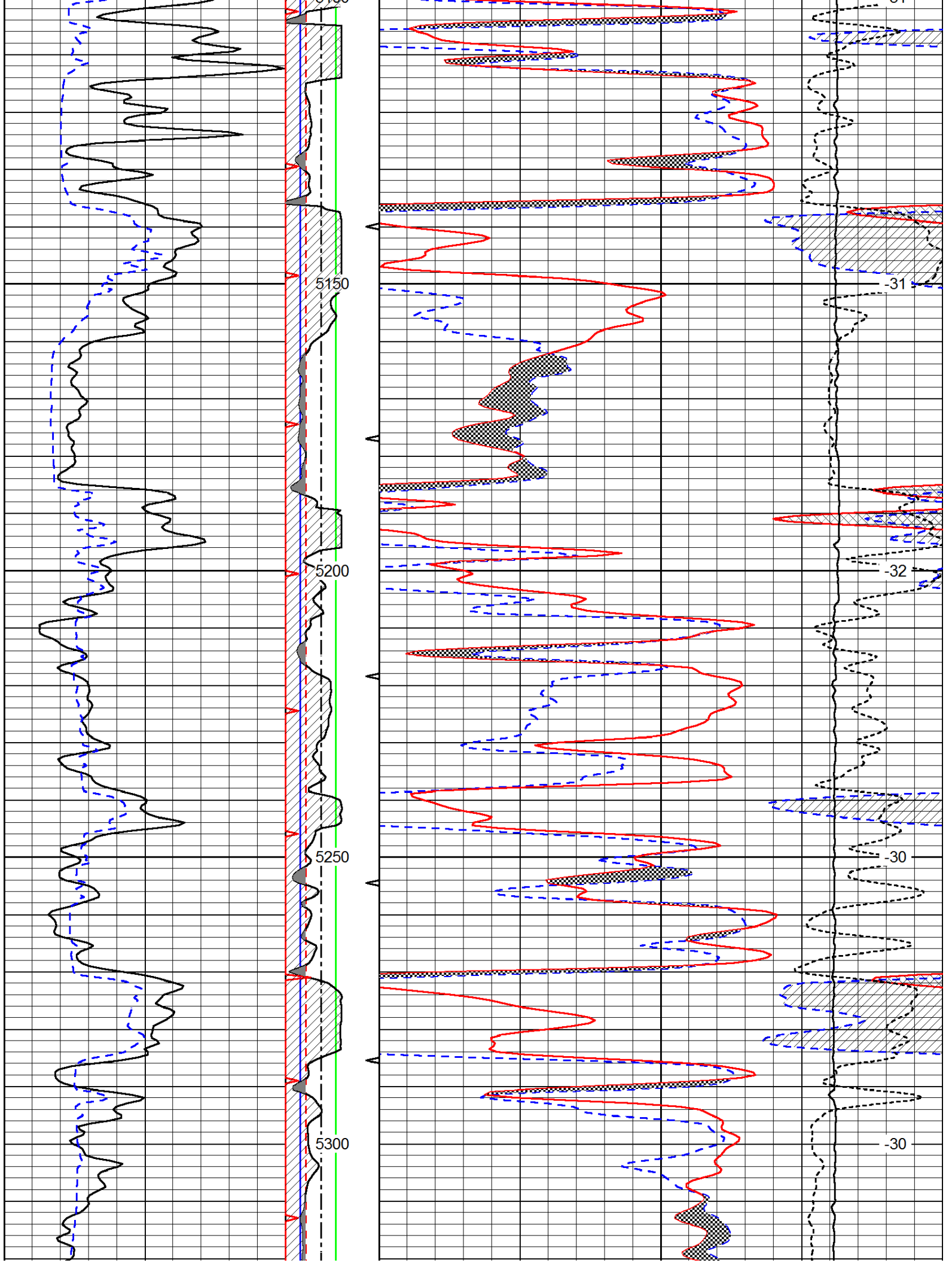


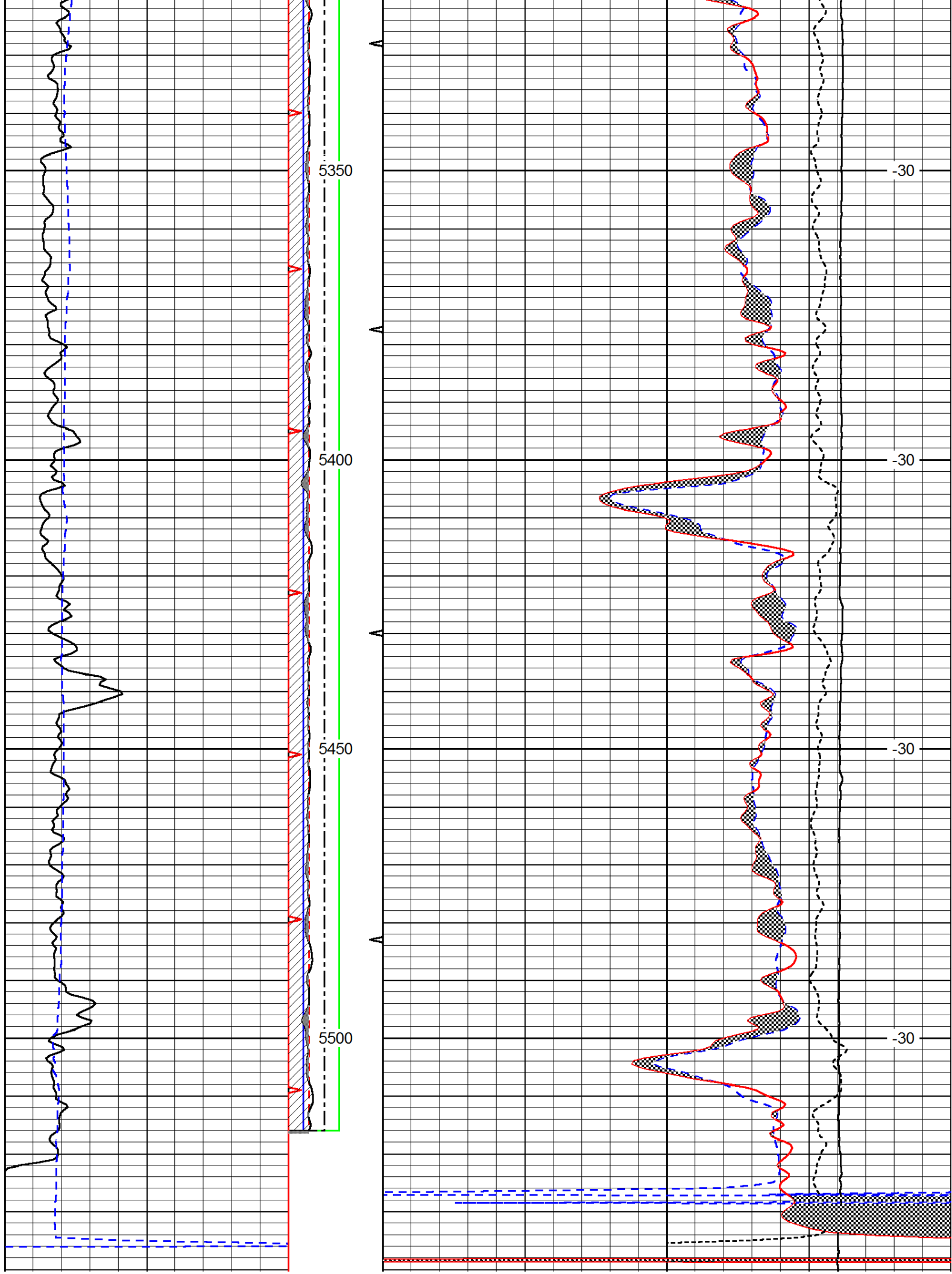












5550

-30

0	Gamma Ray	150	2.6 DGA 3.1	30	Compensated Neutron (Ls)	-10
6	Caliper (GAPI)	16		30	Comp. Density Porosity(Ls)	-10
				15000	Line Tension	0
					-0.25	Correction
					0.25	
						LSPD