



**Dual Compensated Porosity
Micro Log**

DIGITAL LOG (785) 625-3858

API No. 15-145-21,598-00-00	Company F. G. Holl Co.	Location 35' W of C N/2 N/2 NE 330' FNL & 1355' FEL	Other Services DIL MEL/BHCS
Well Motley No. 1-5	County Pawnee		
Field Rutherford Extension	State Kansas	Elevation 2039	Elevation 2047
Log Measured From Kelly Bushing	County Pawnee		
Drilling Measured From Kelly Bushing	Sec: 5	Twp: 20 S	Rge: 16 W

Permanent Datum	Ground Level	Elevation	2039
Log Measured From	Kelly Bushing	8	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date	11/16/2009		
Run Number	One		
Type Log	CNL / CDL / MICRO		
Depth Driller	4405		
Depth Logger	4404		
Bottom Logged Interval	4383		
Top Logged Interval	1950		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	5,600		
Density	9.2		
Level	Full		
Max. Rec. Temp. F	122		
Operating Rig Time	6 1/2 Hours		
Equipment -- Location	10 Hays		
Recorded By	K. Bange		
Witnessed By	Rene Husted		

Run No	Bit	Borehole Record		Casing Record	
		From	To	From	To
1	12.25	00	976	8.625	24#
2	7.875	976	4405		

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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

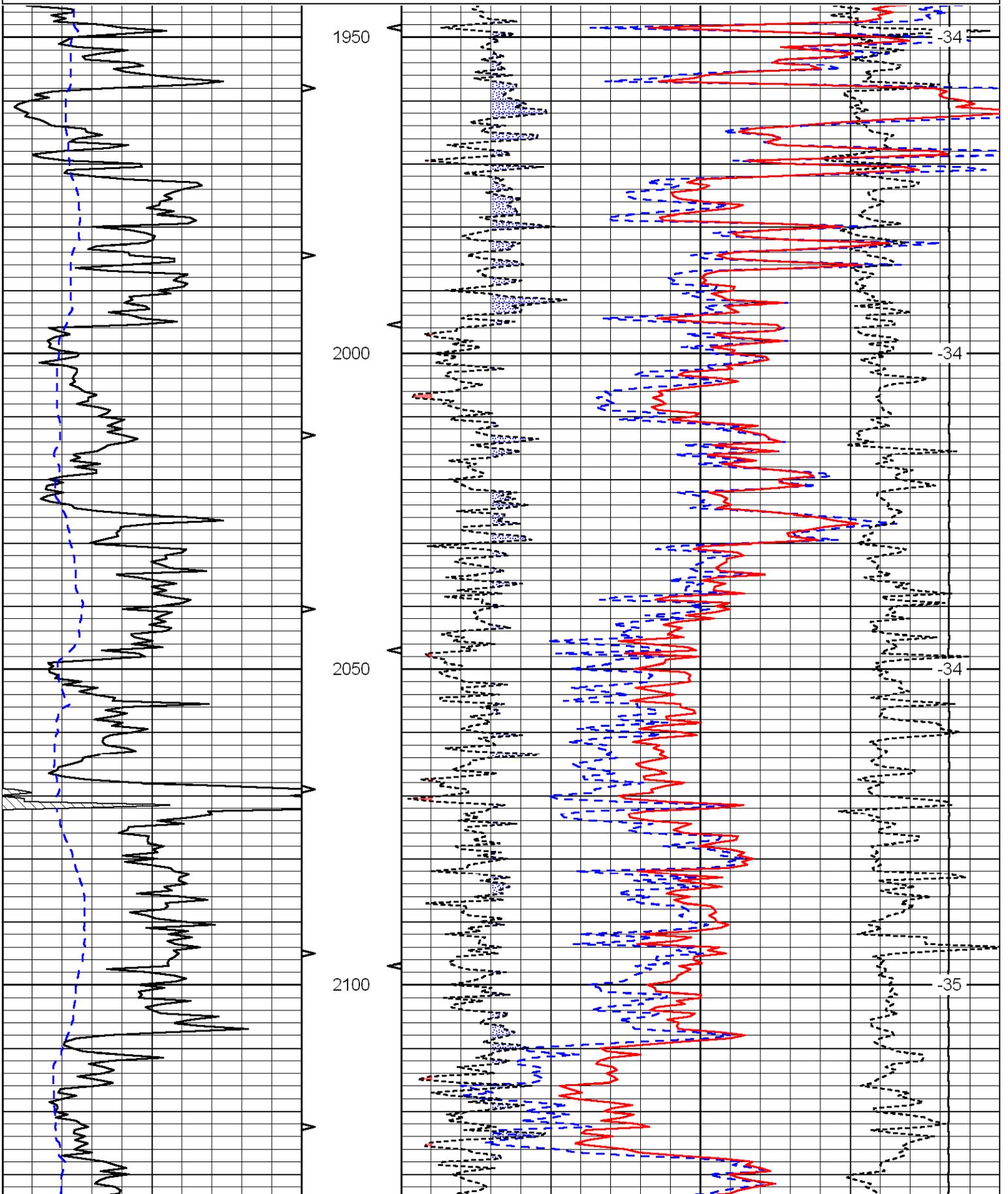
Thank you for using Log-Tech, Inc.
(785) 625-3858

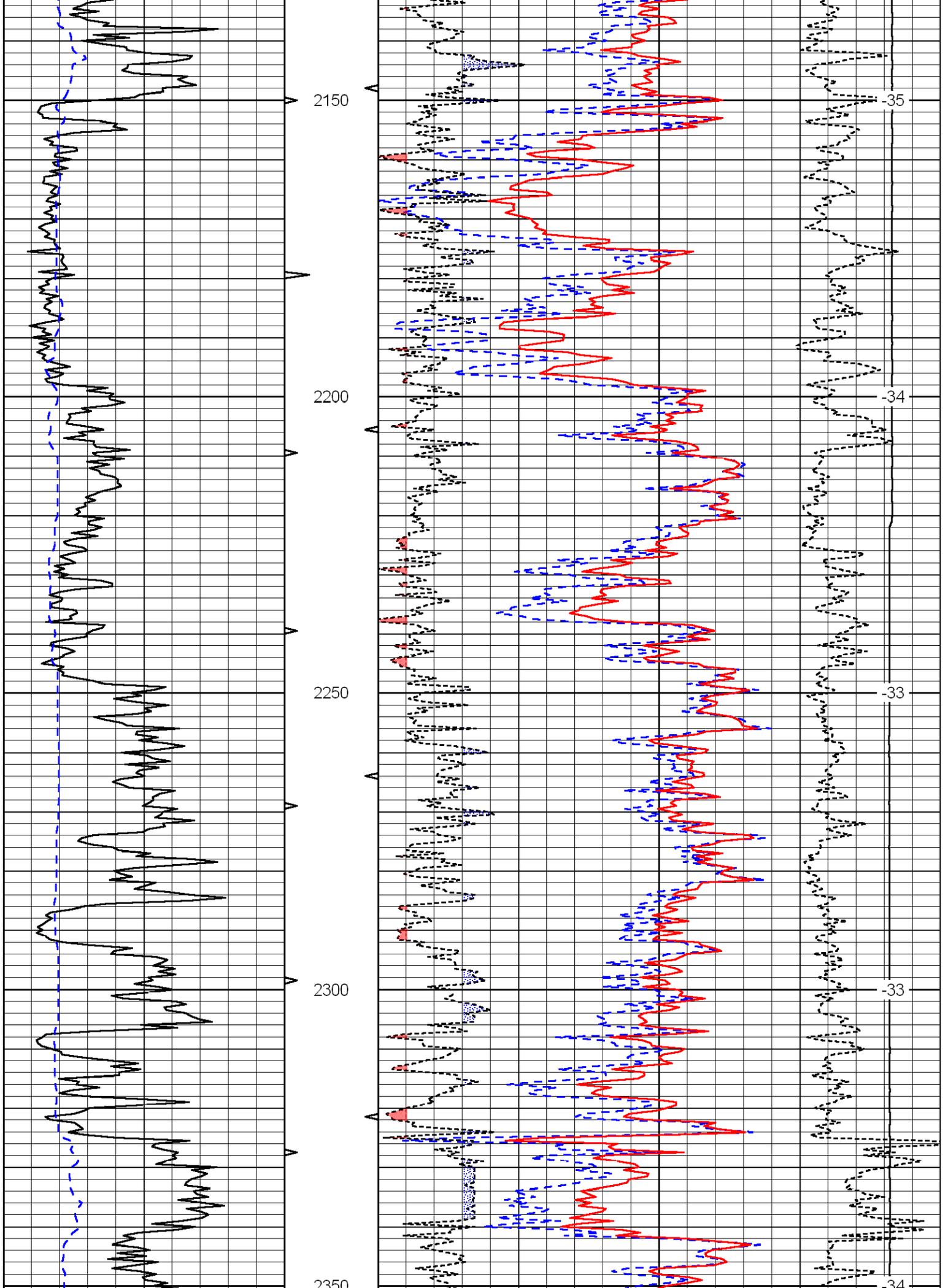
Albert BT, S to 10th st, W to CR370, 1 S, 1 W, S into

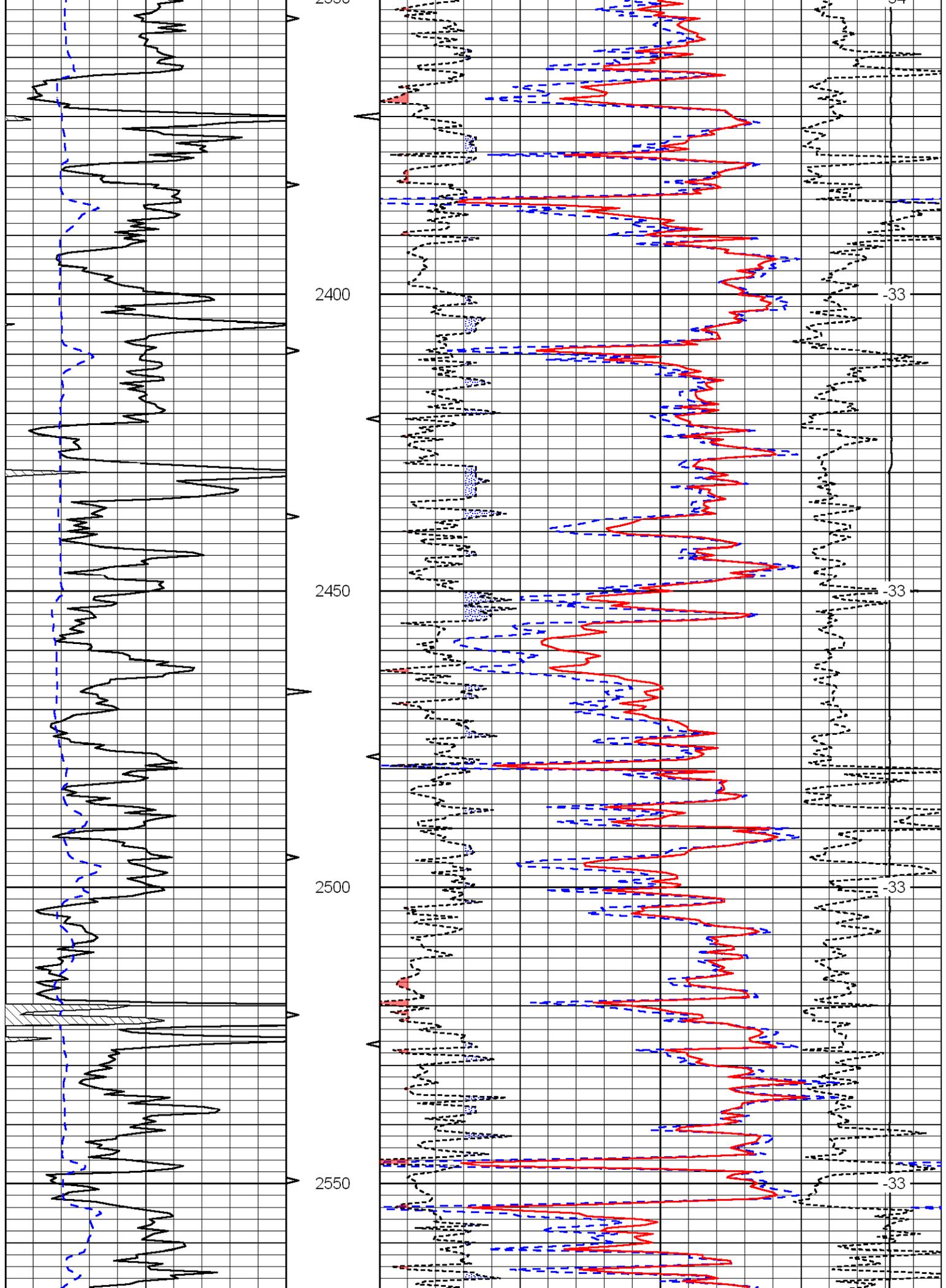
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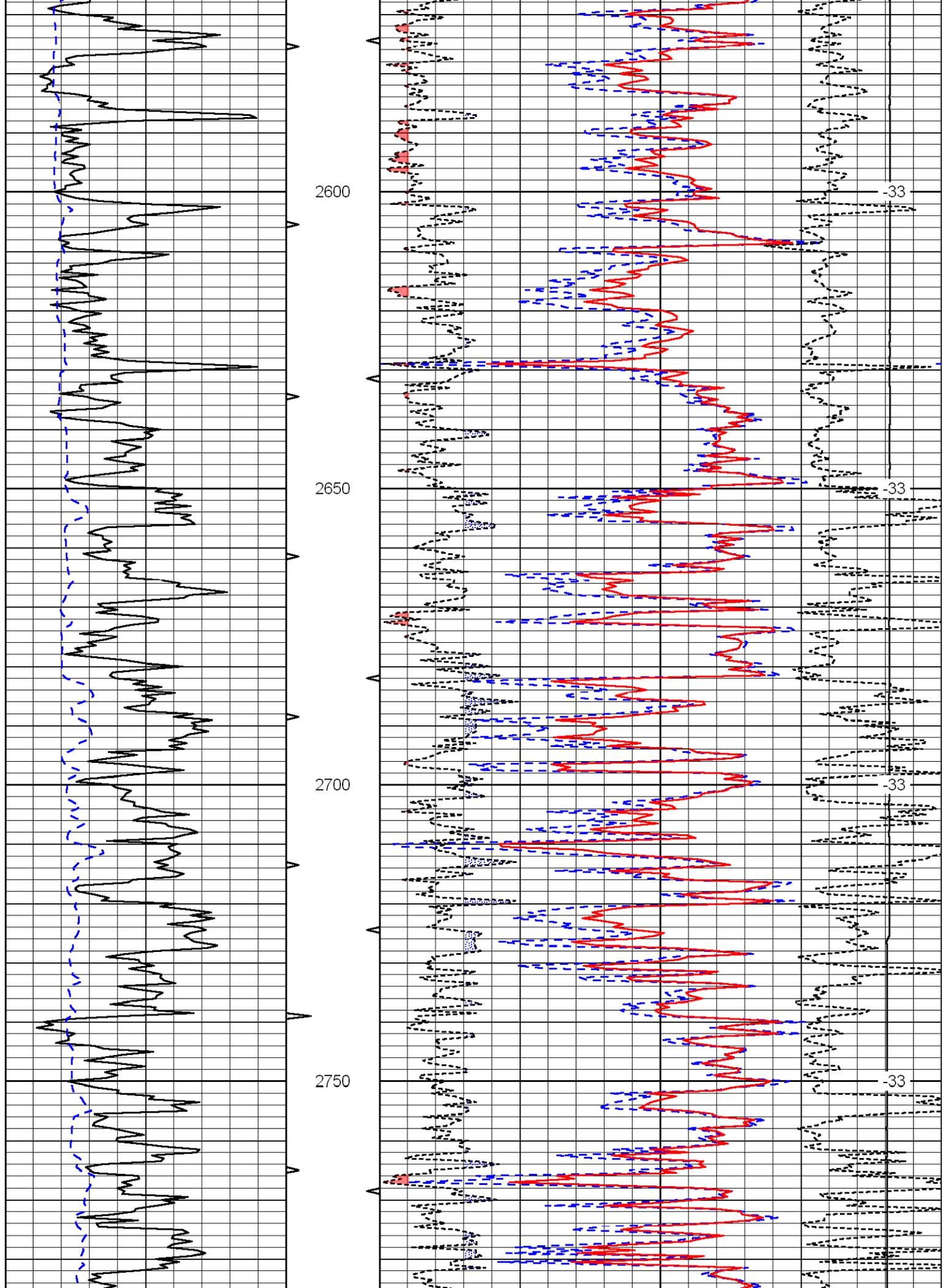
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6	Caliper (in)	16

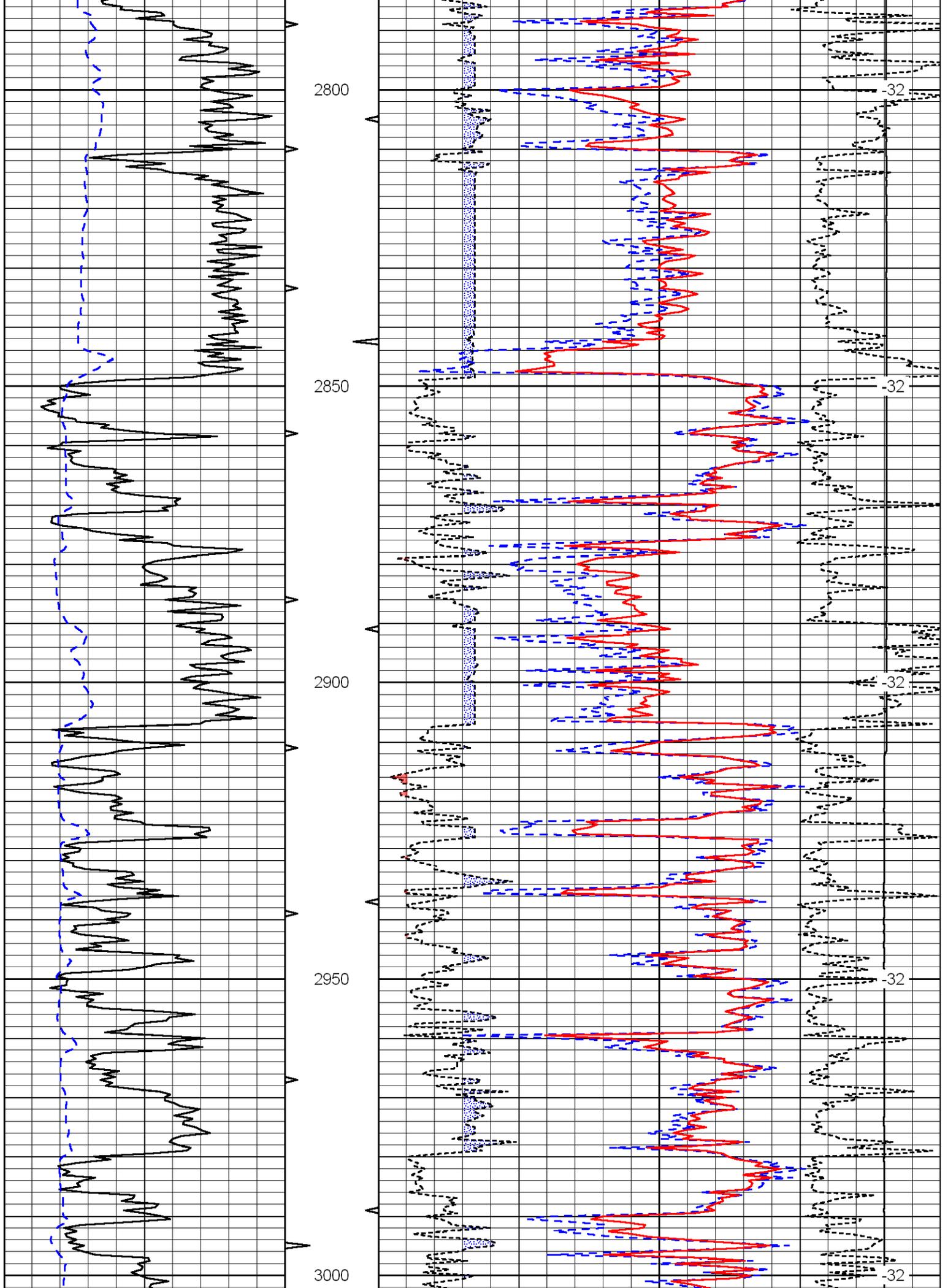
30	Compensated Density (pu)			-10	
2	Bulk Density (g/cc)			3	
15000	Line Tension (lb)			0	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
				LSPD (ft/min)	

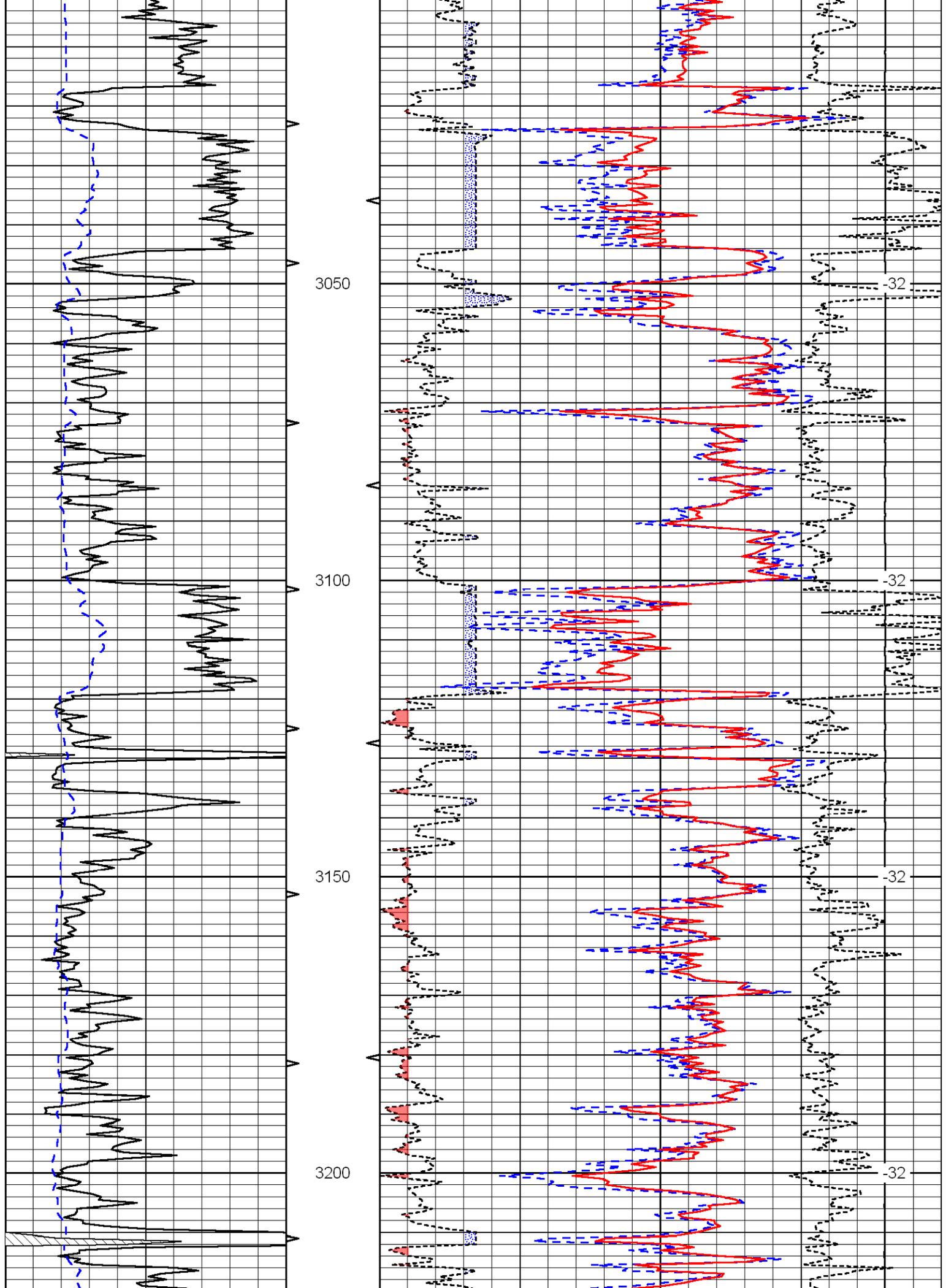


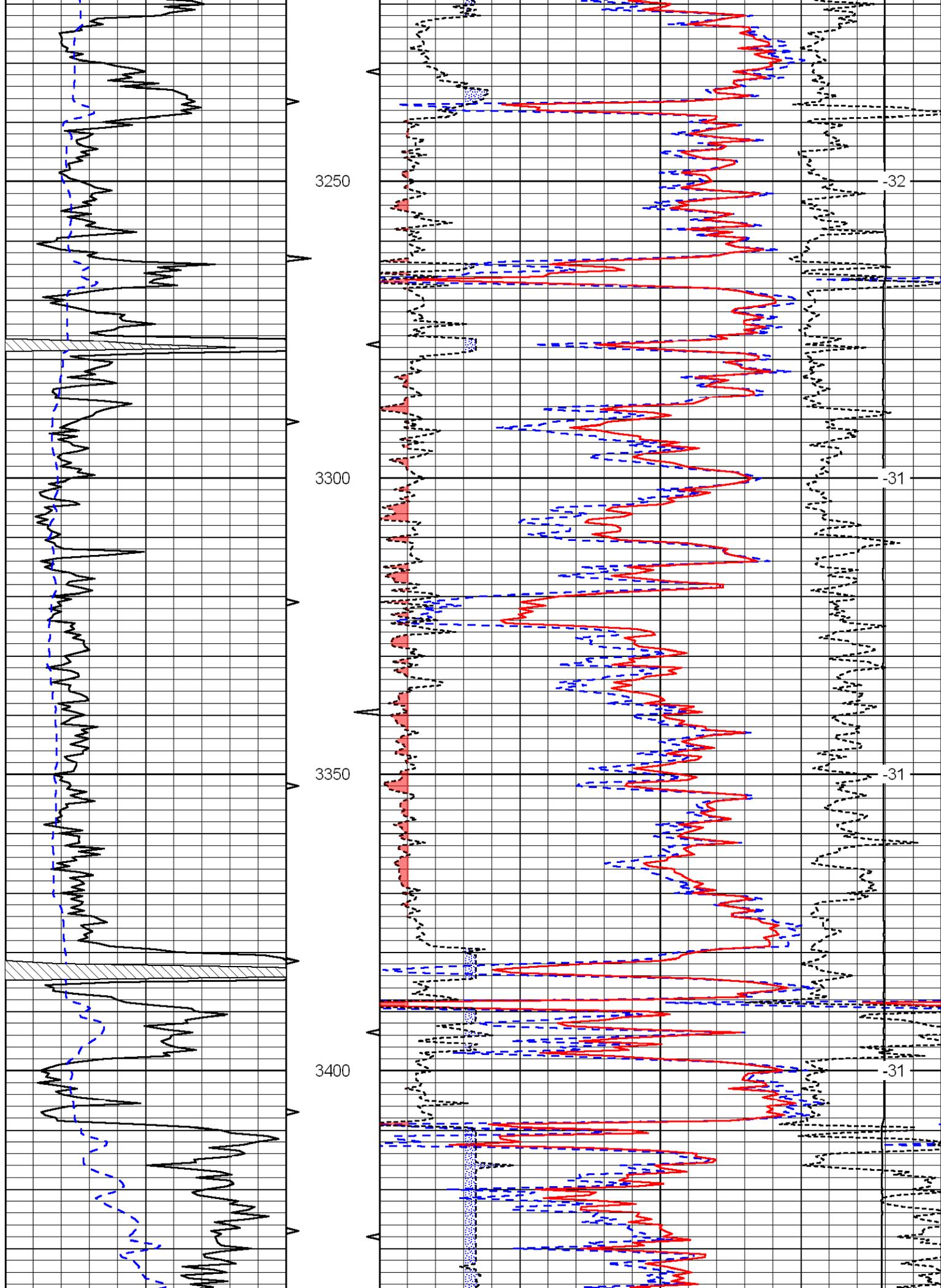


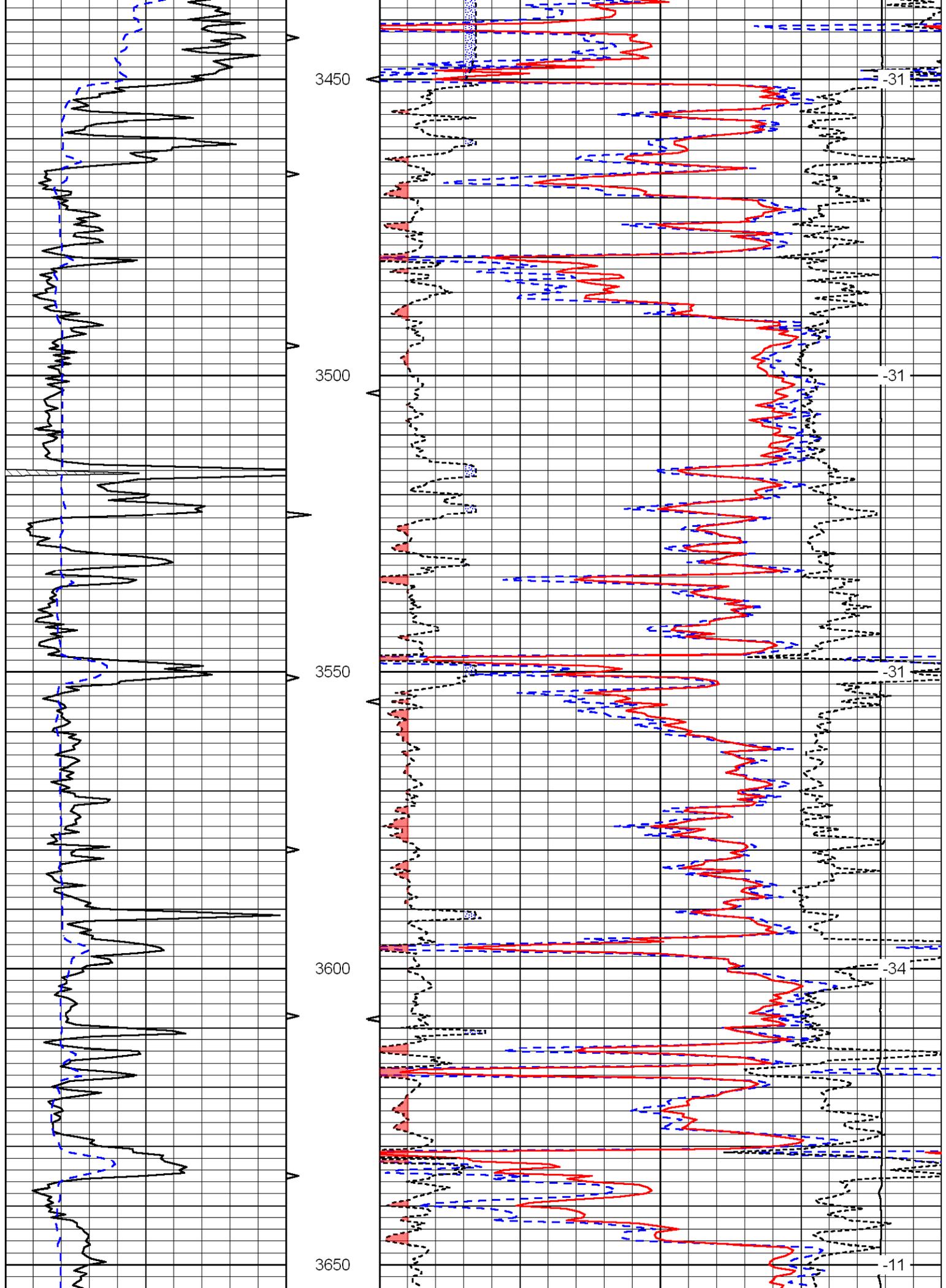


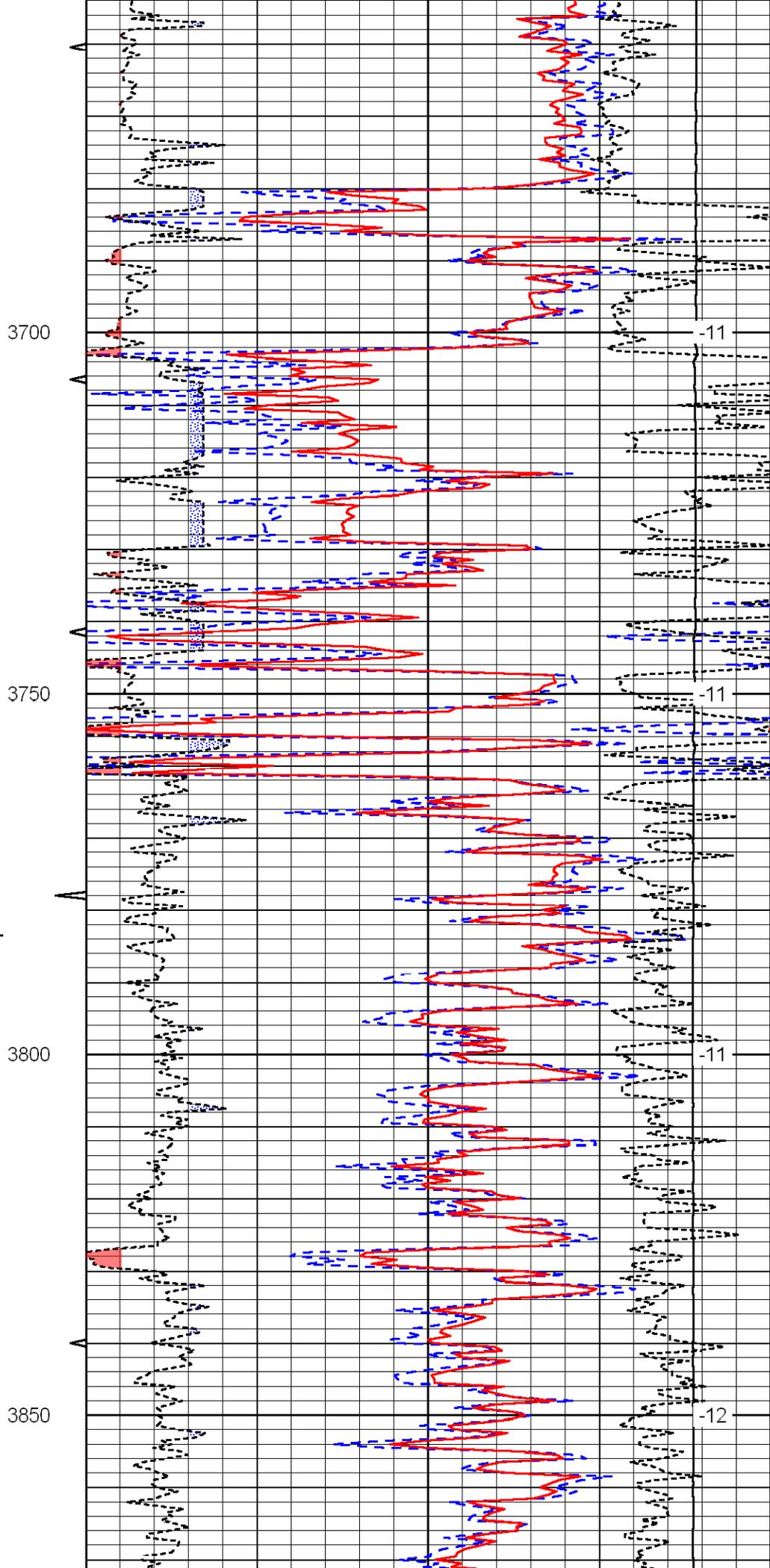
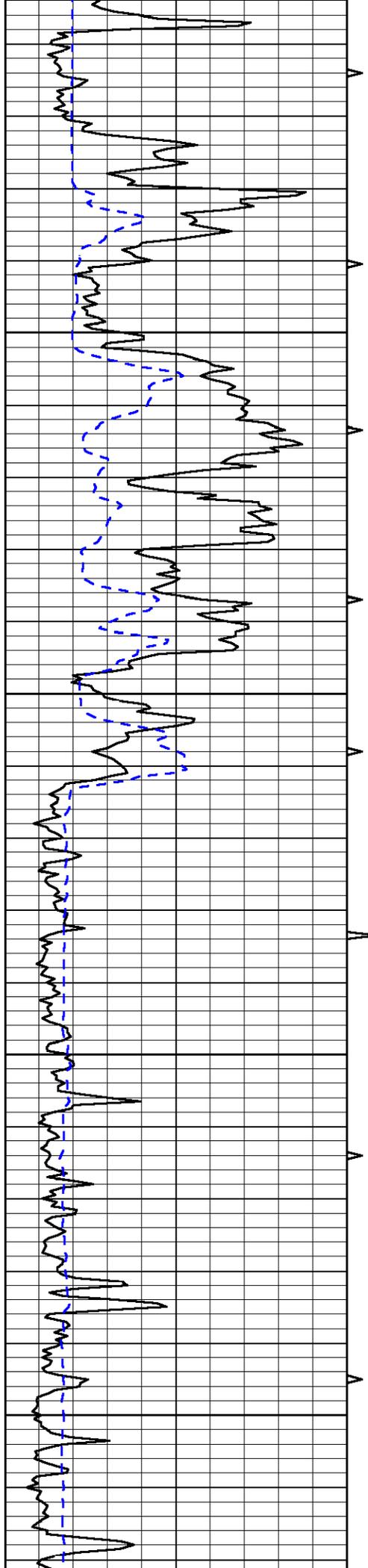


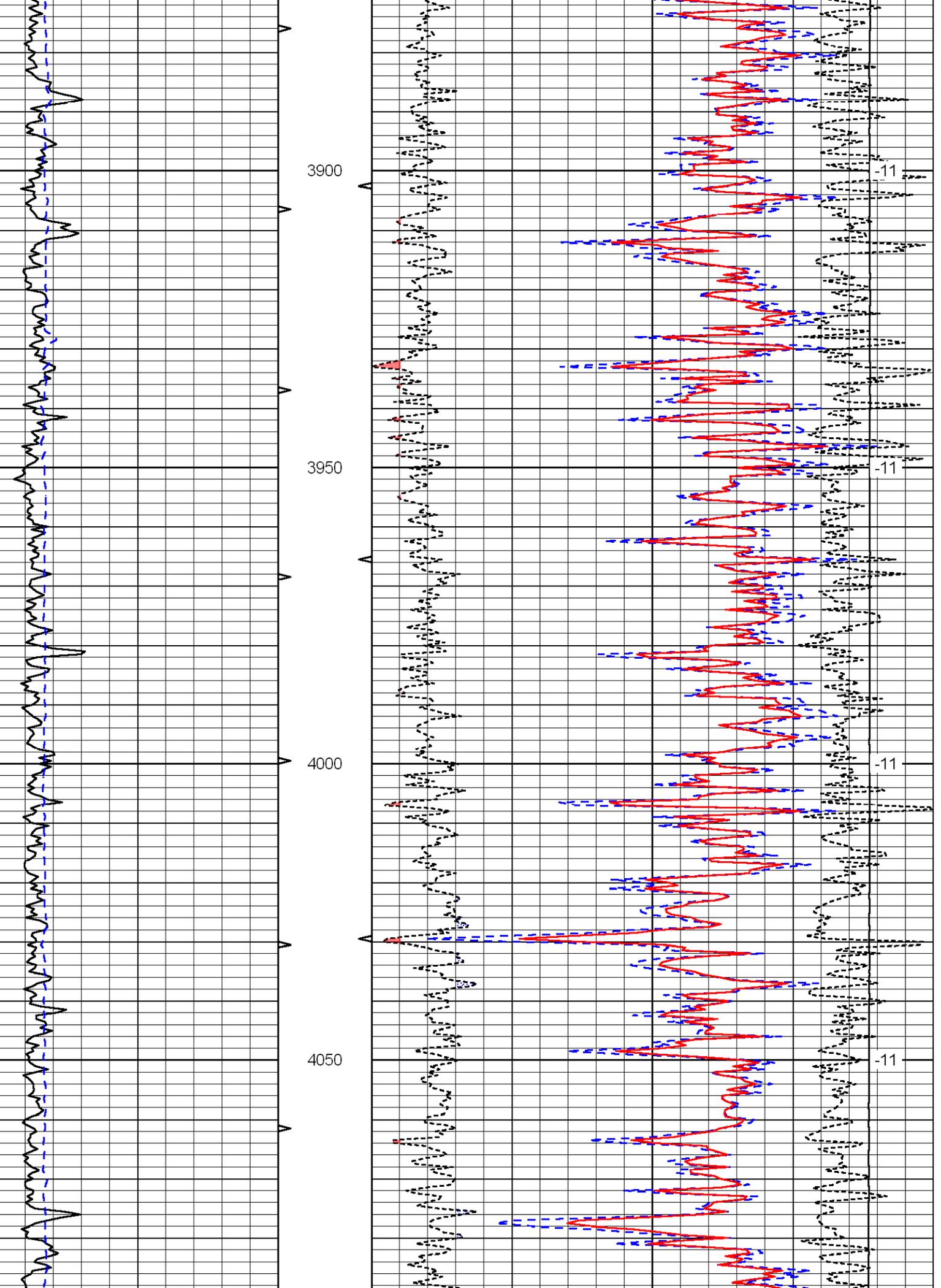


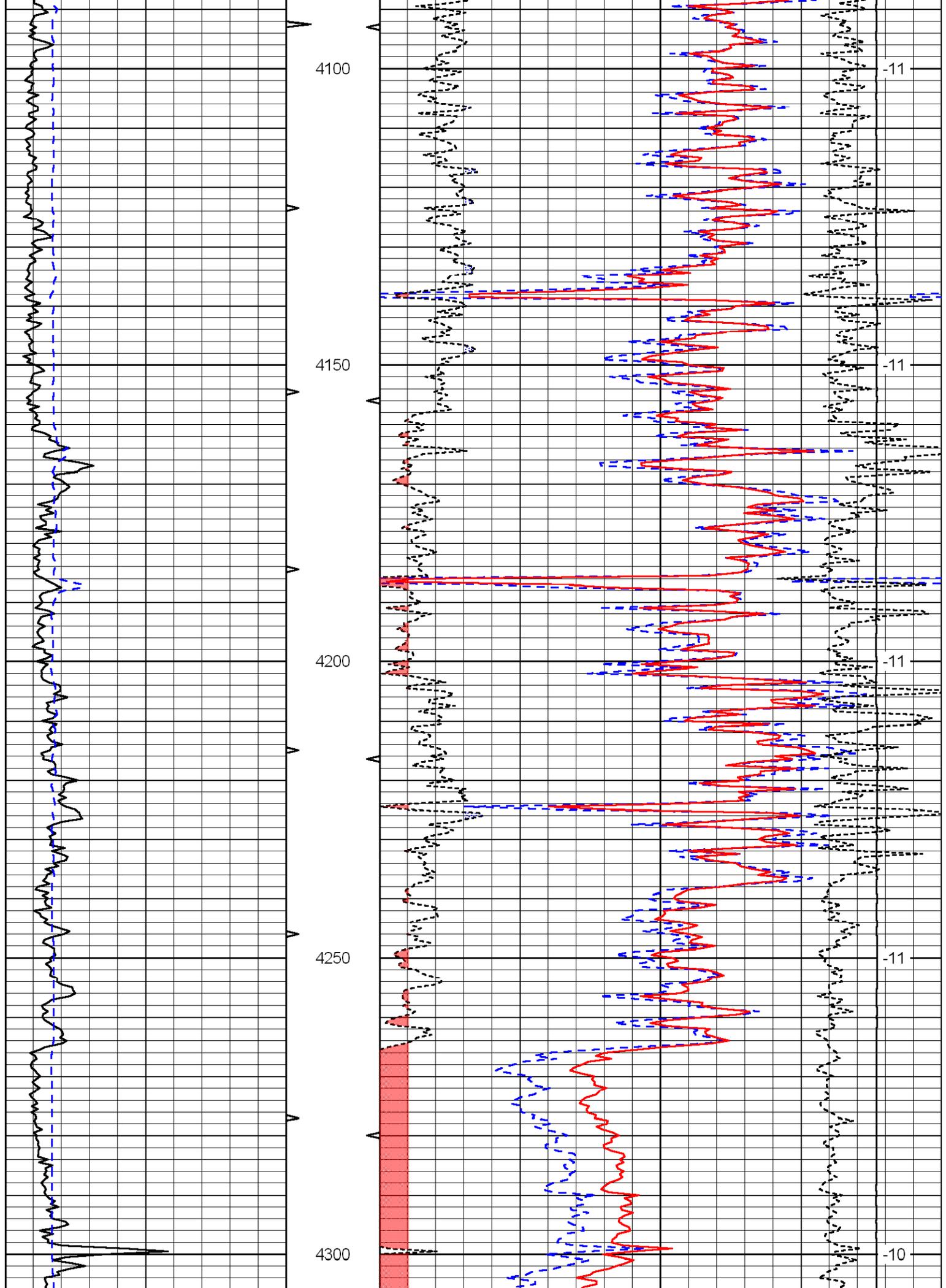


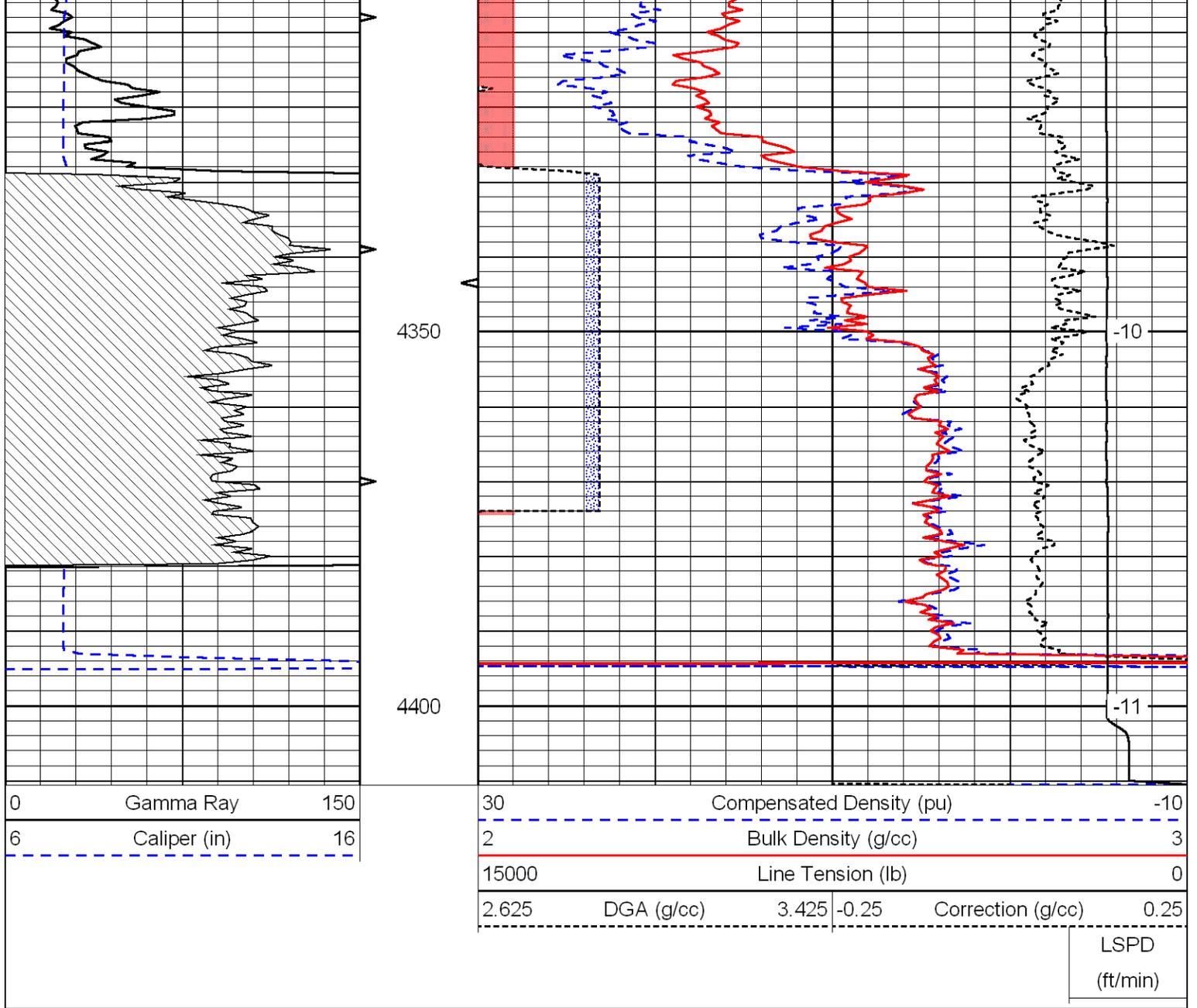








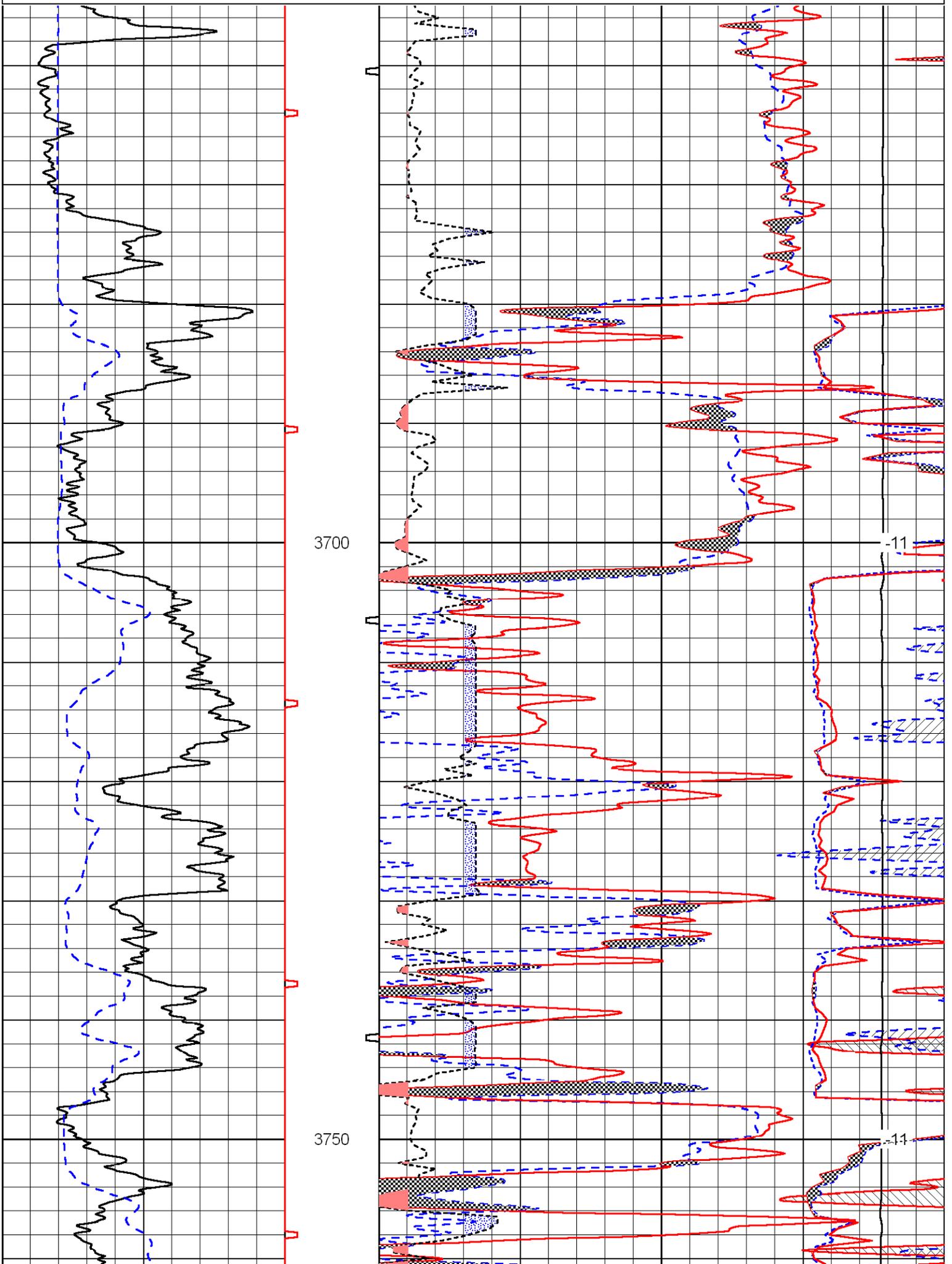


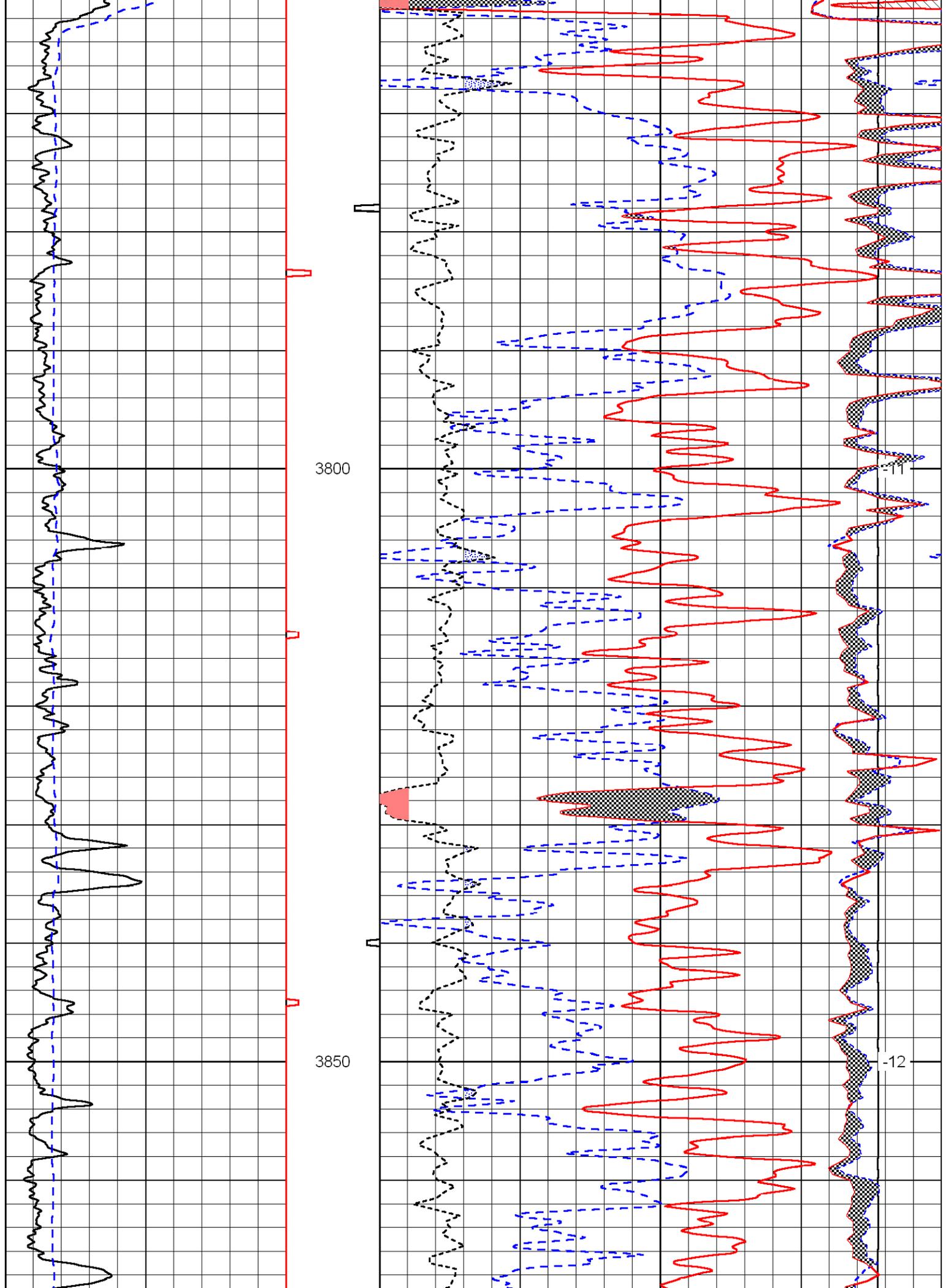


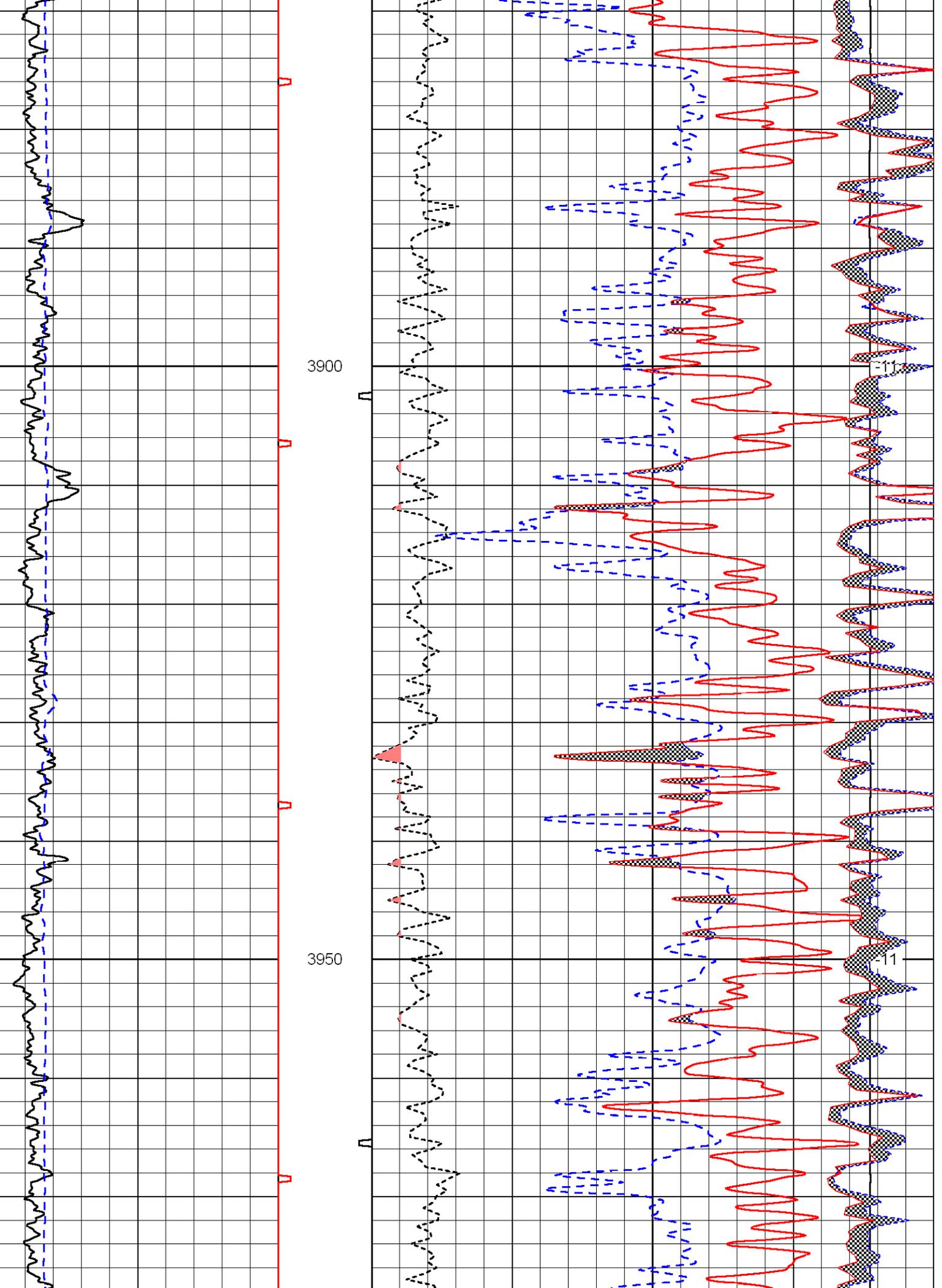
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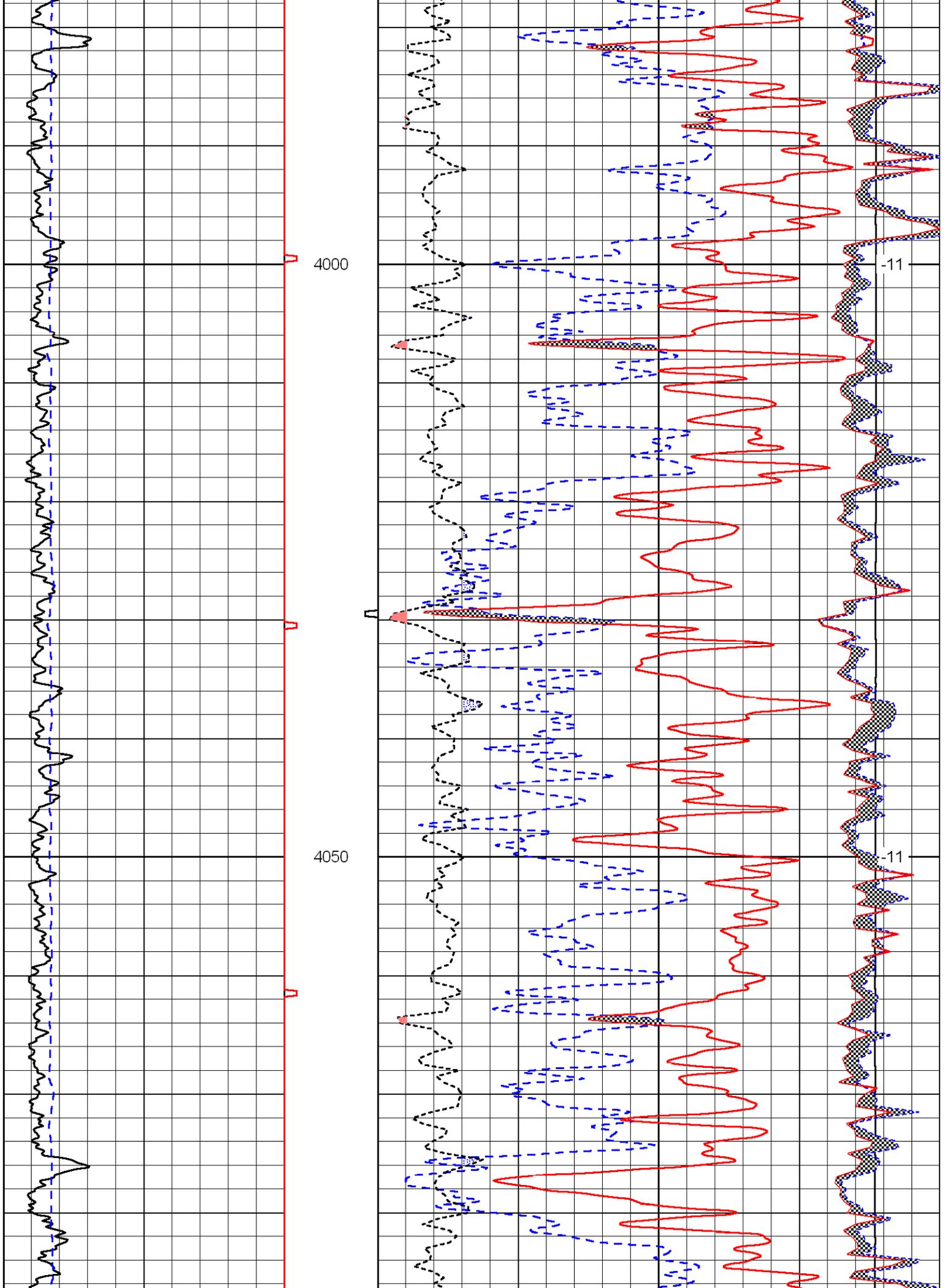
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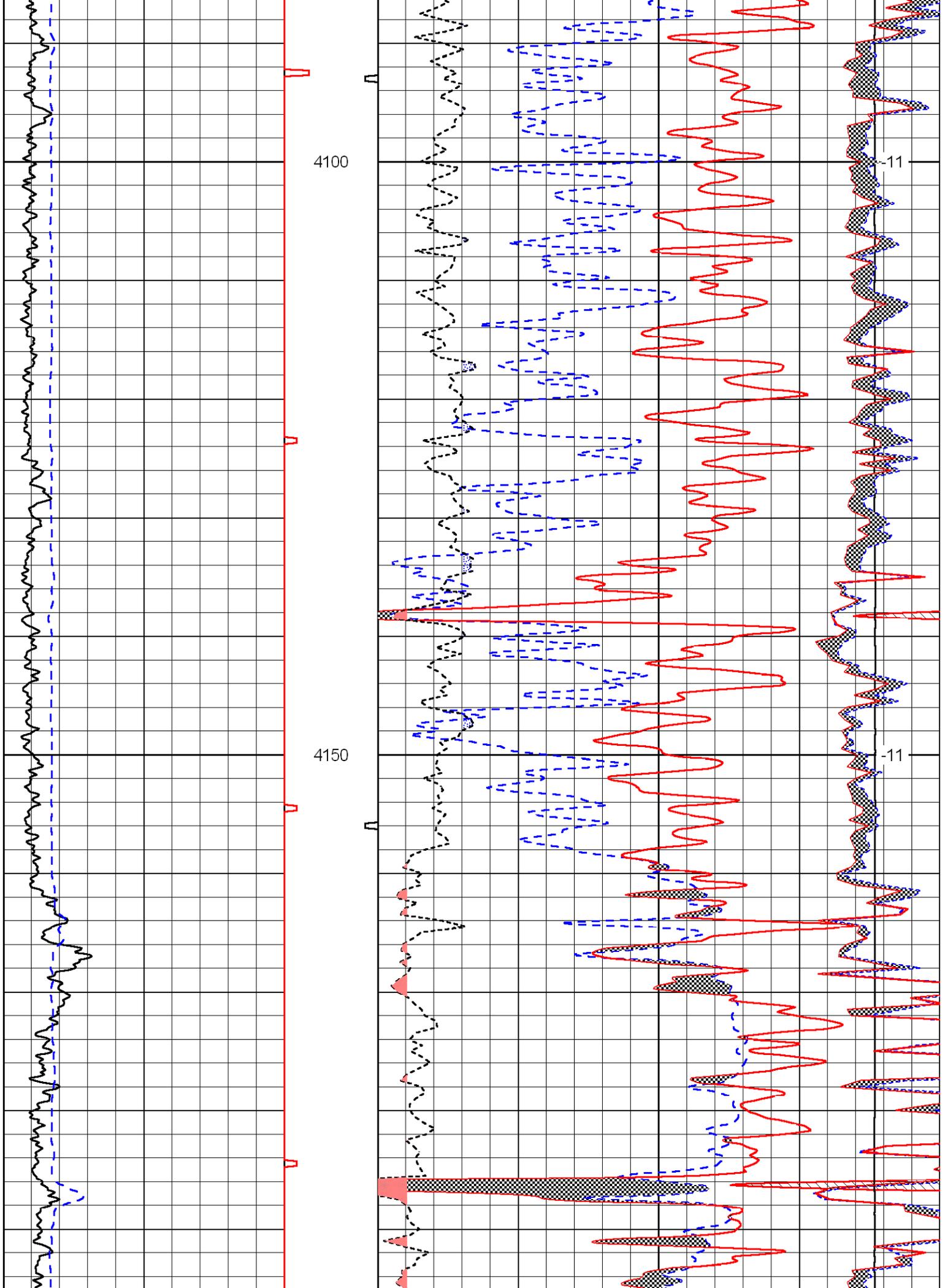
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6	Caliper (in)	16	30	Compensated Density (pu)	-10
		2.625	DGA (g/cc)	3.425	Micro Normal
					0 (Ohm-m) 20
		15000	Line Tension (lb)	0	
					Micro Inverse
					0 (Ohm-m) 20
					LSPD

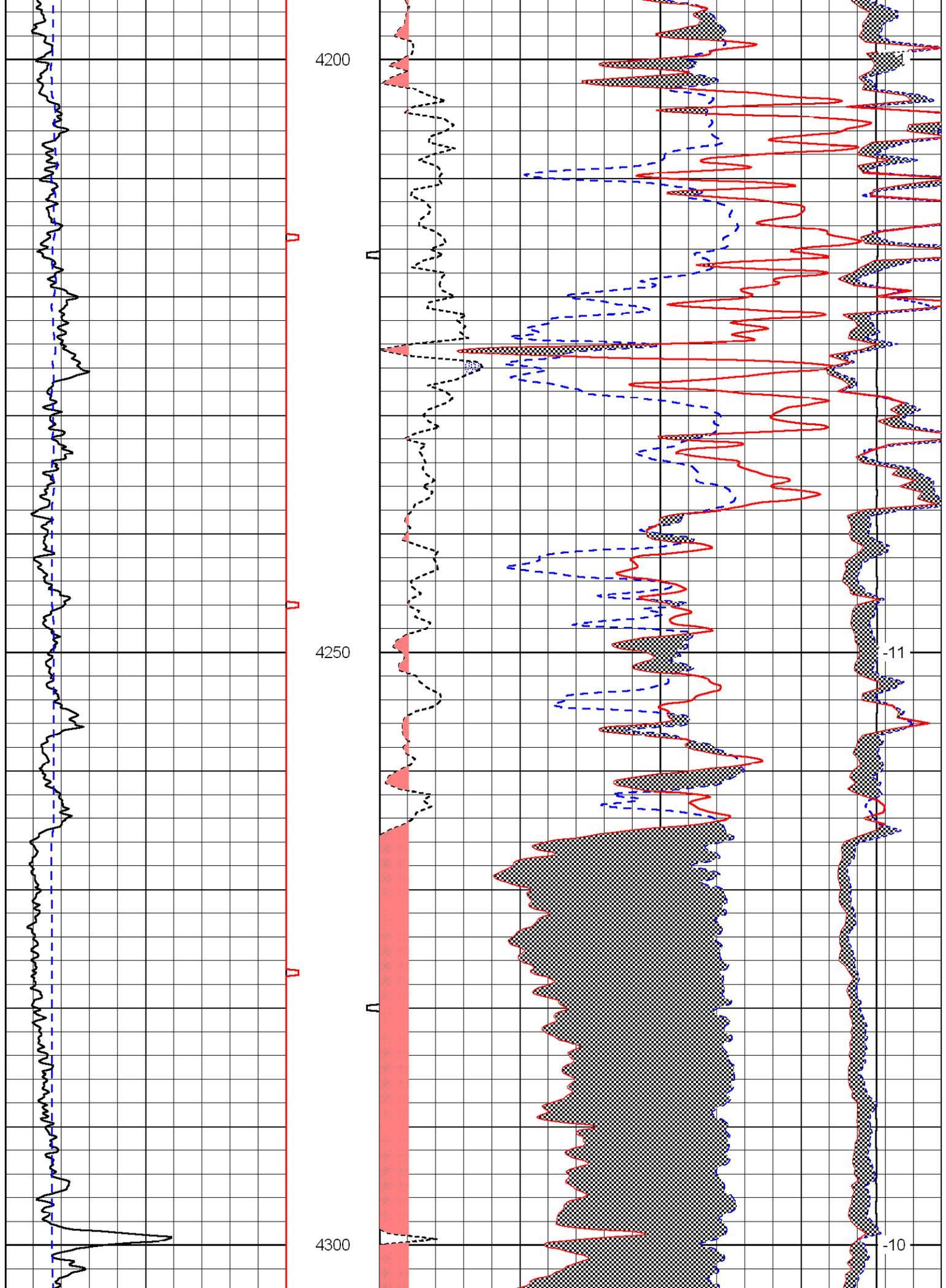


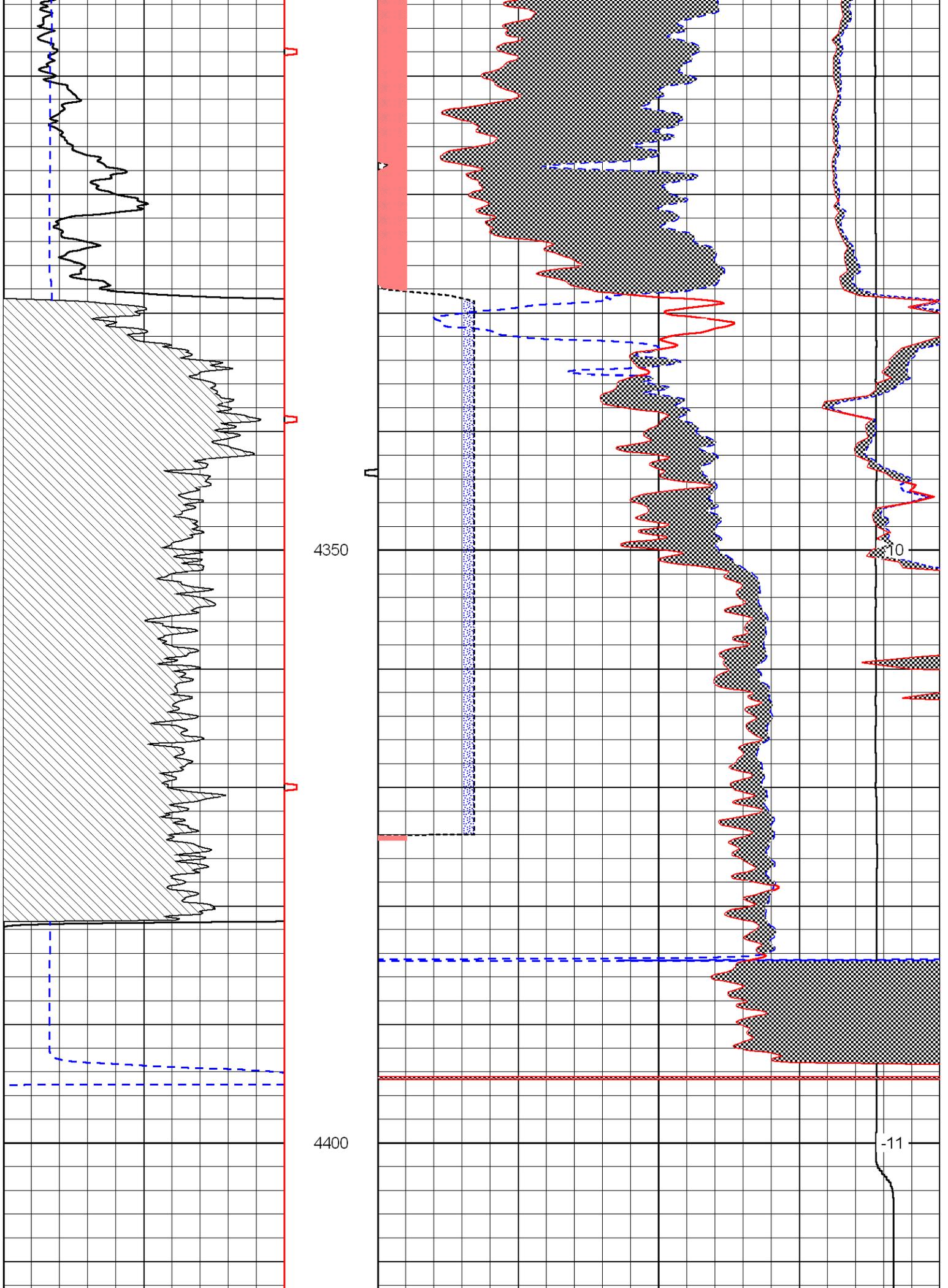


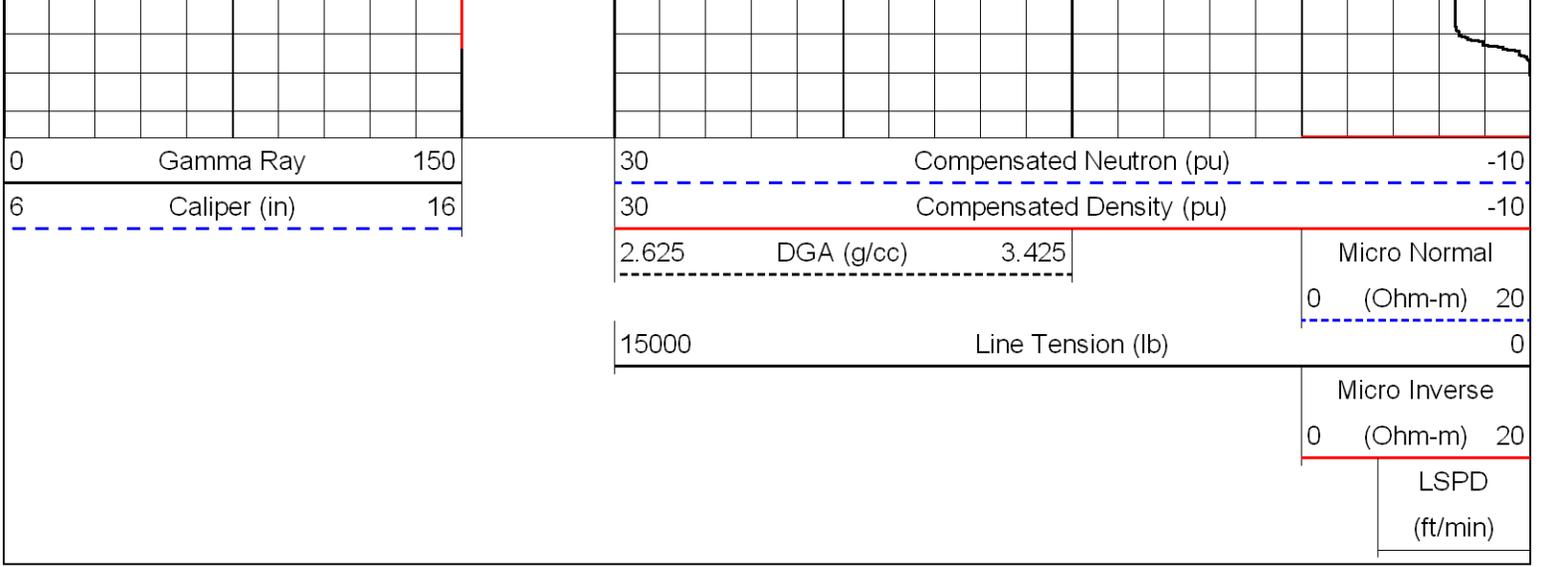




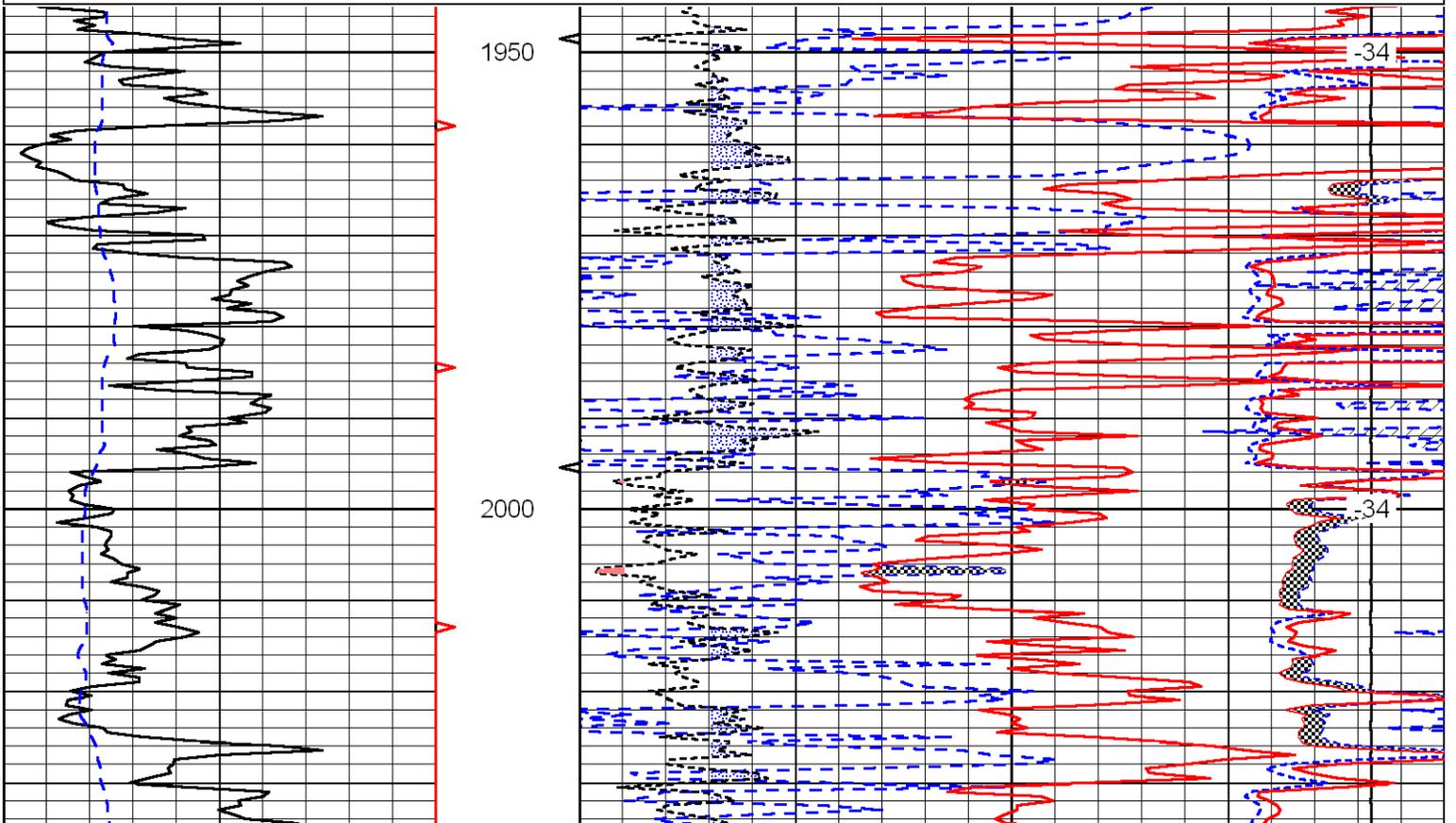
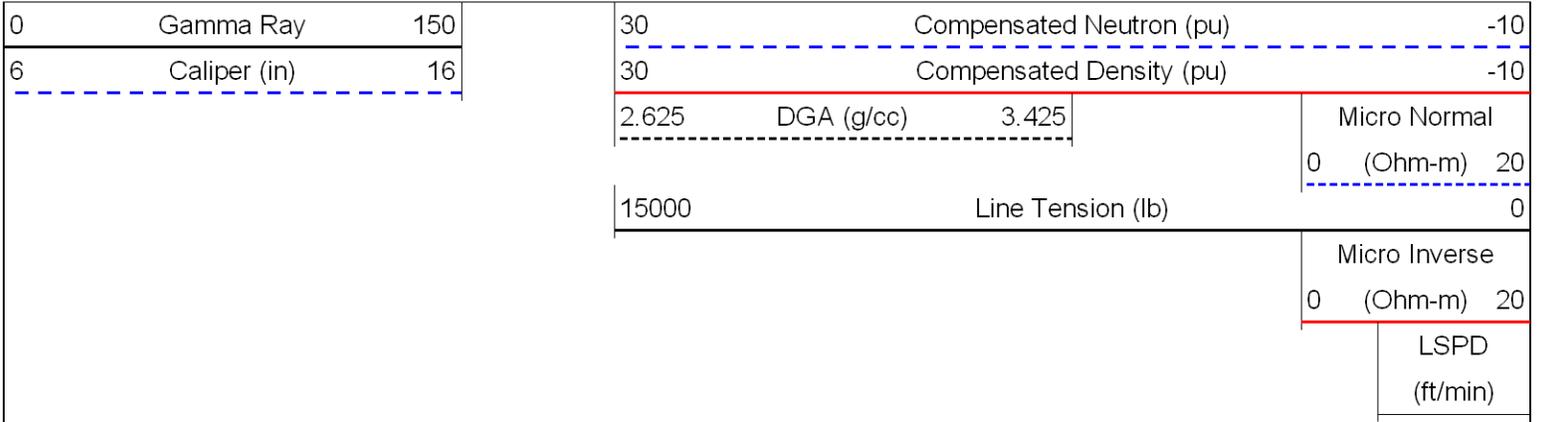


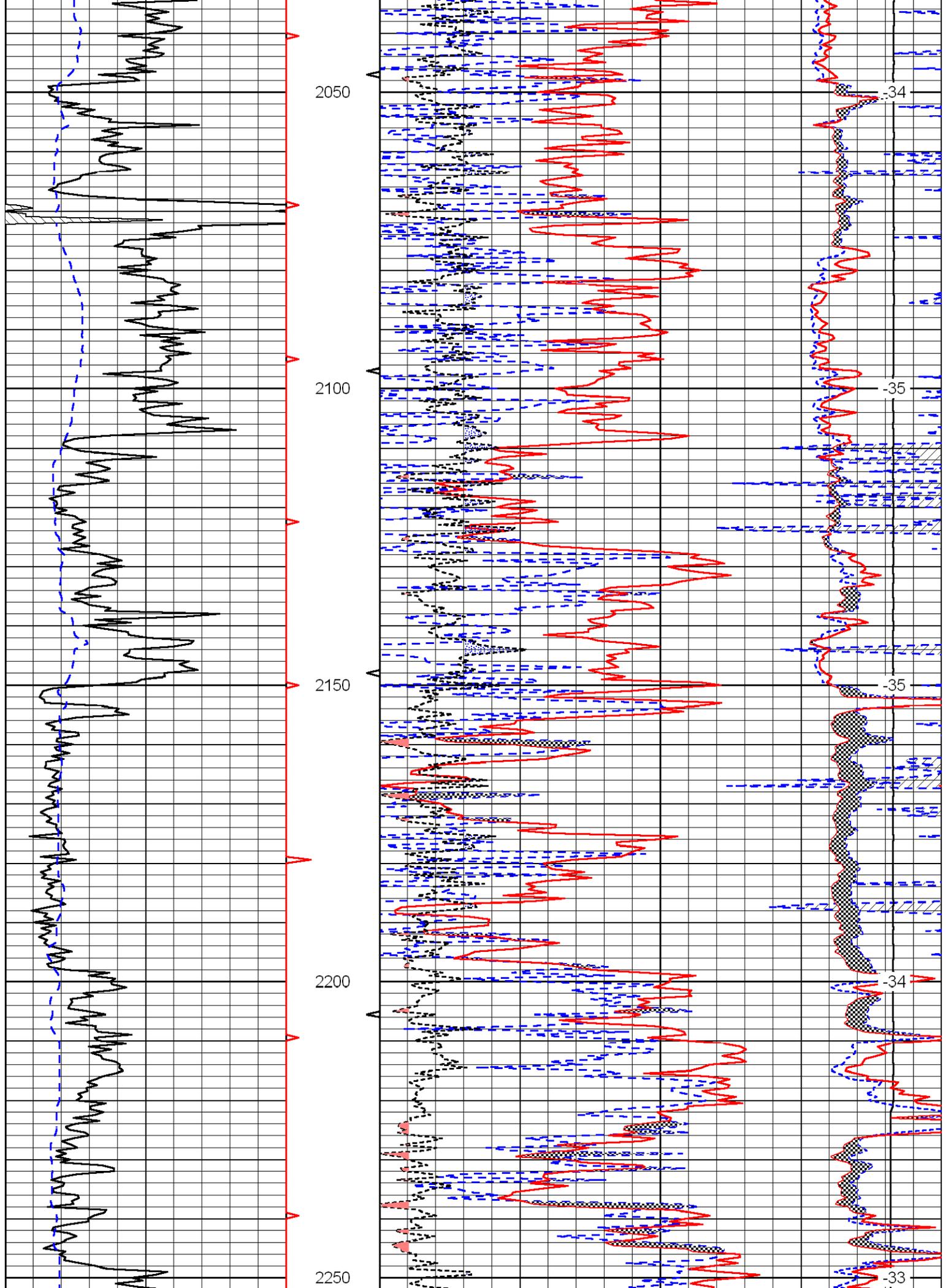


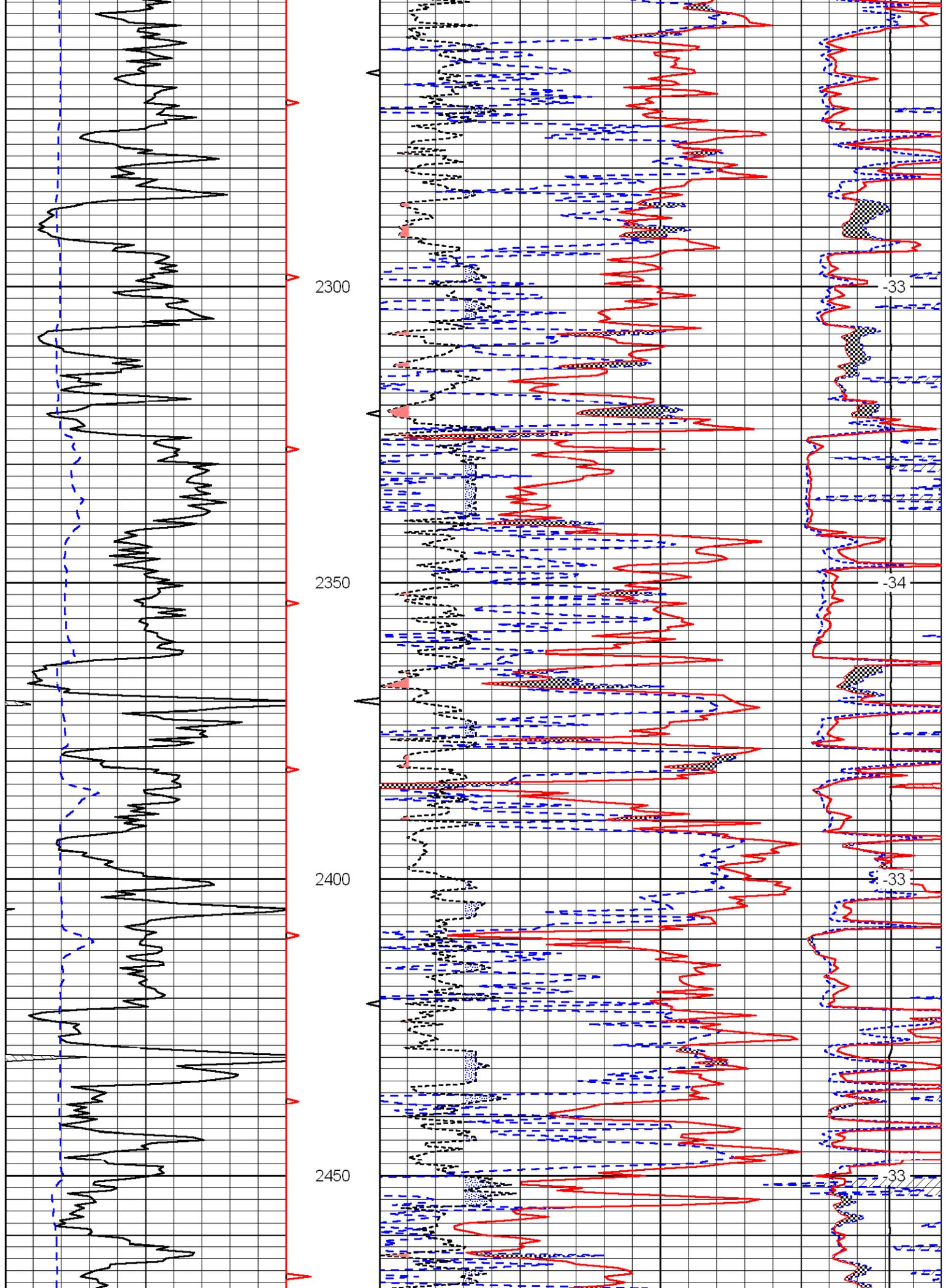


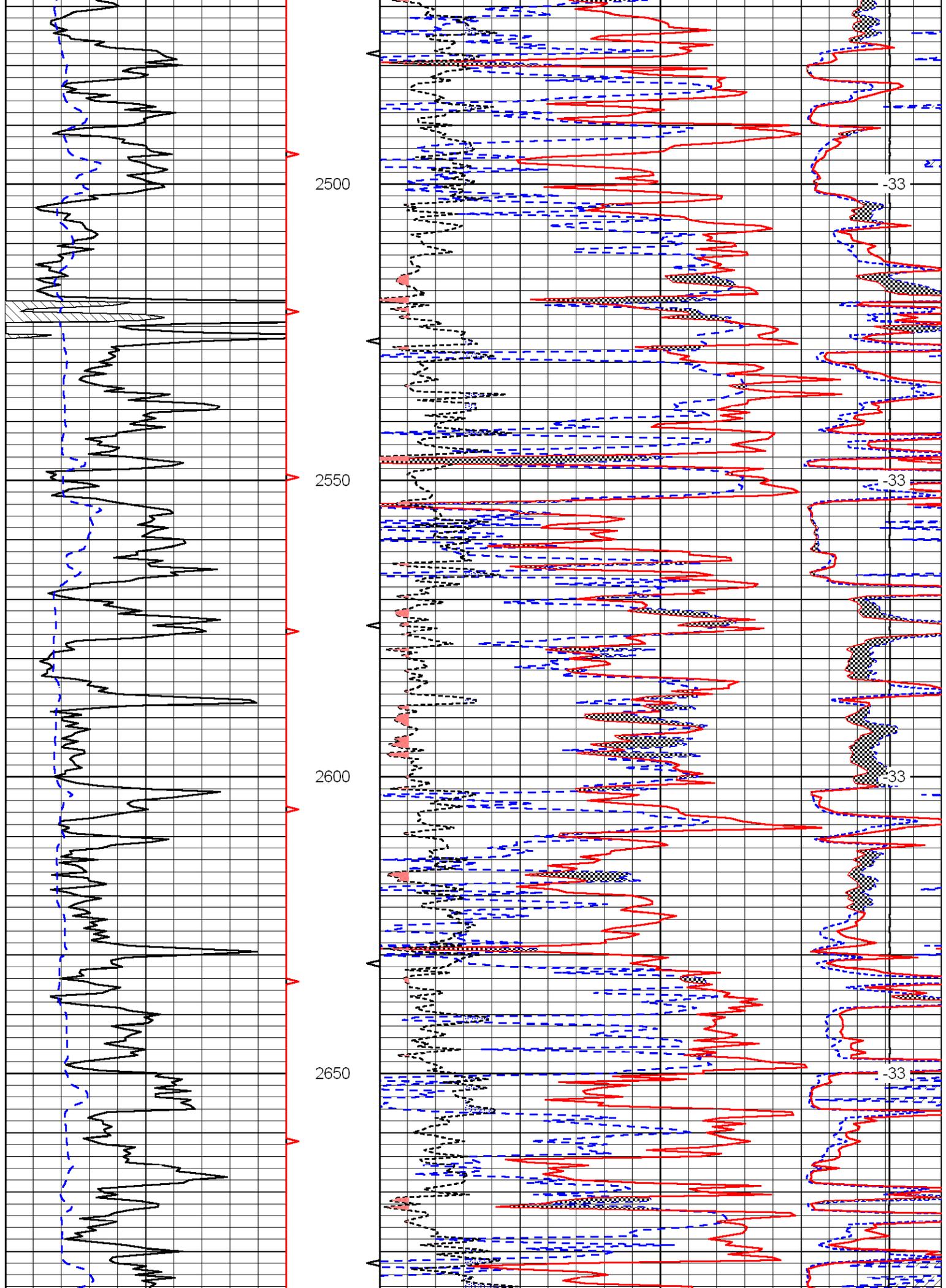


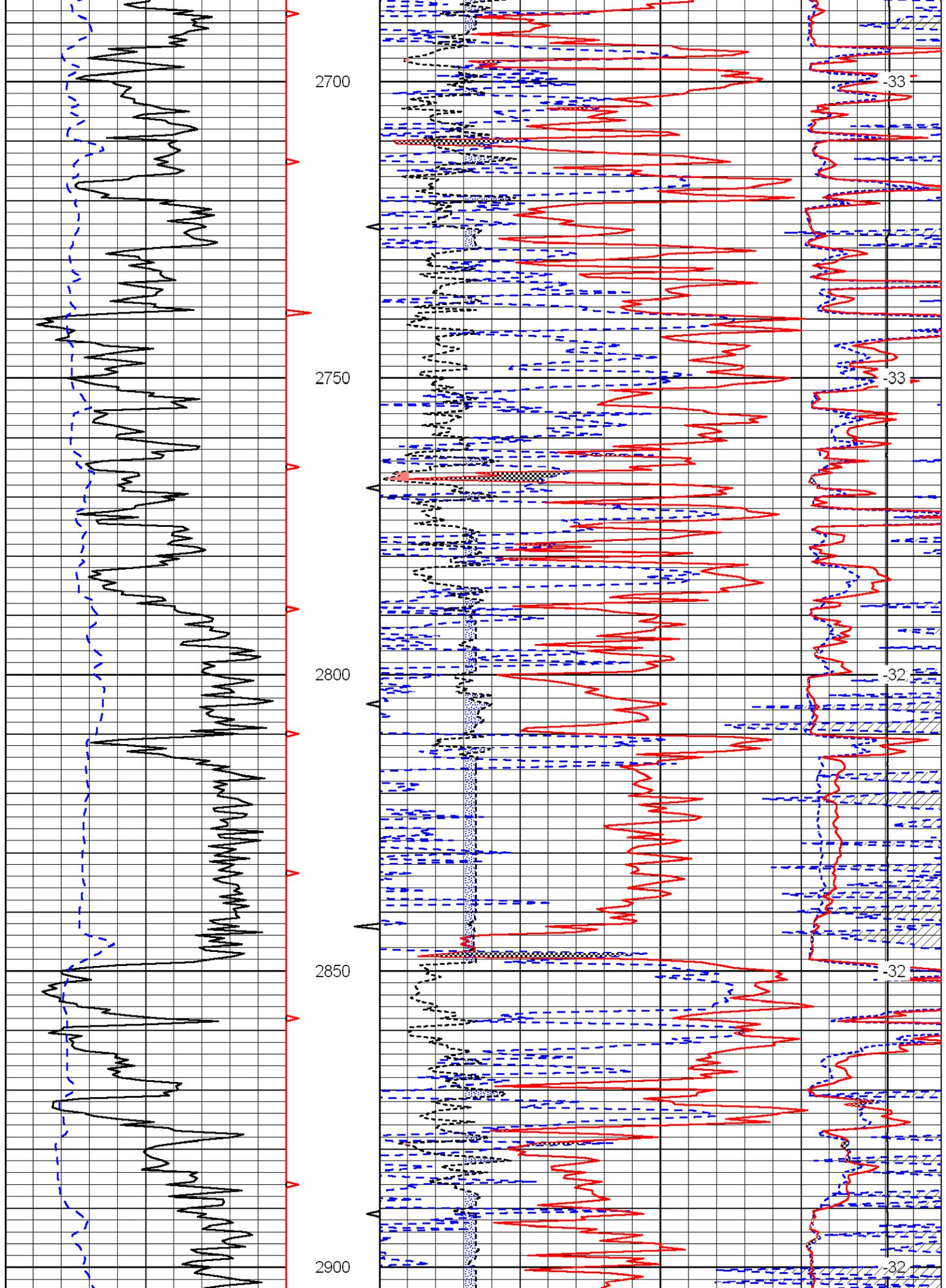
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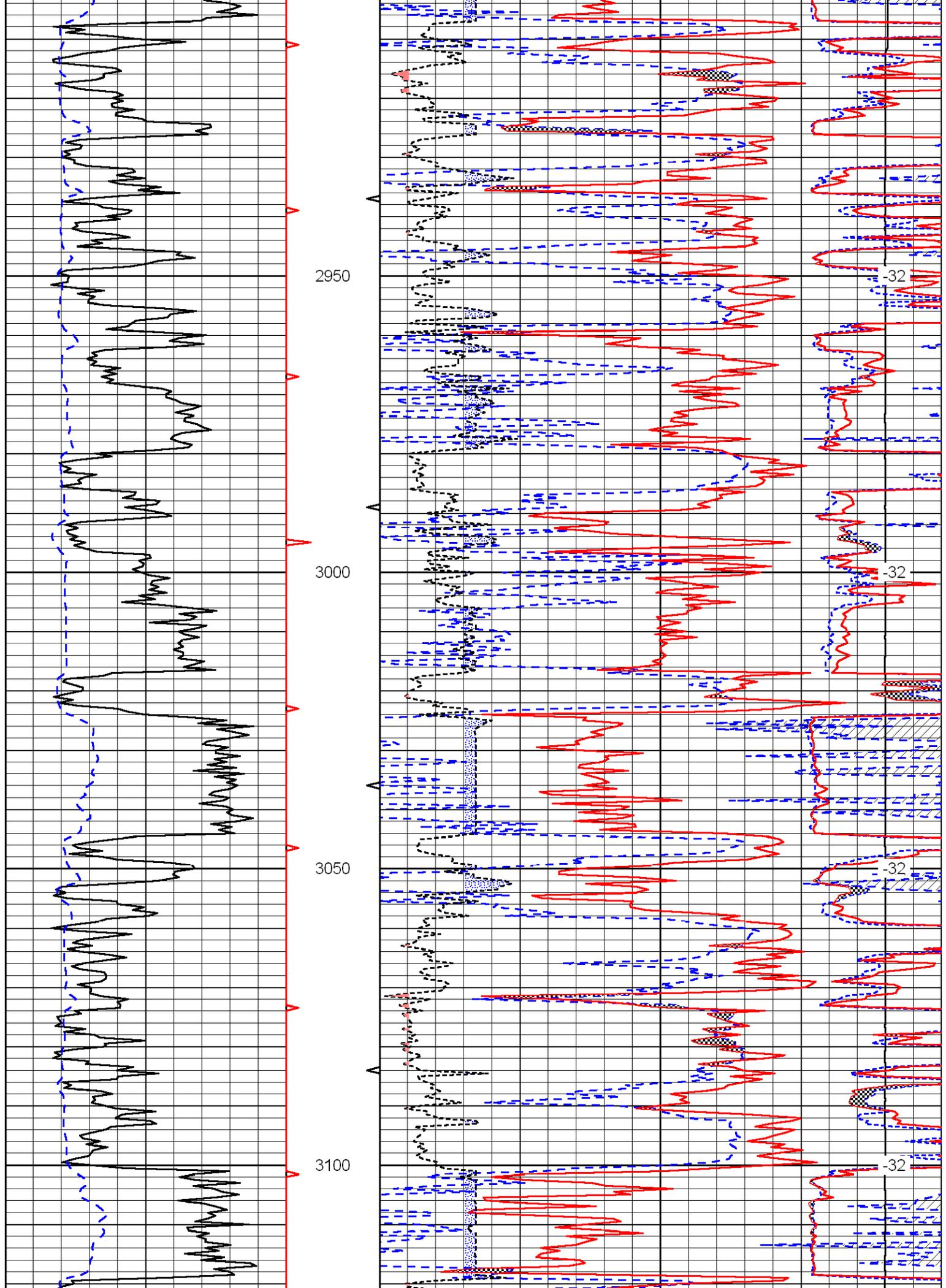


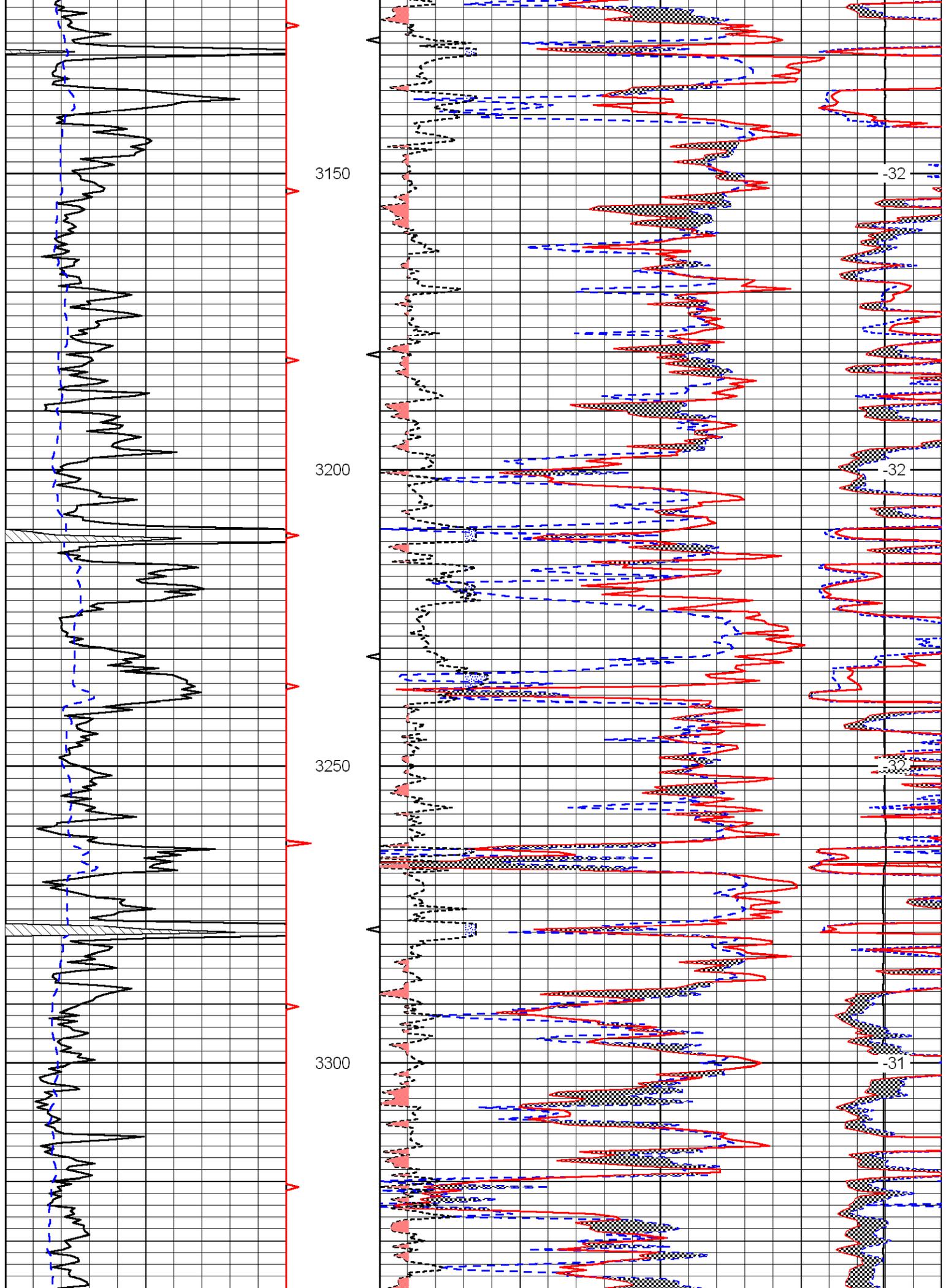


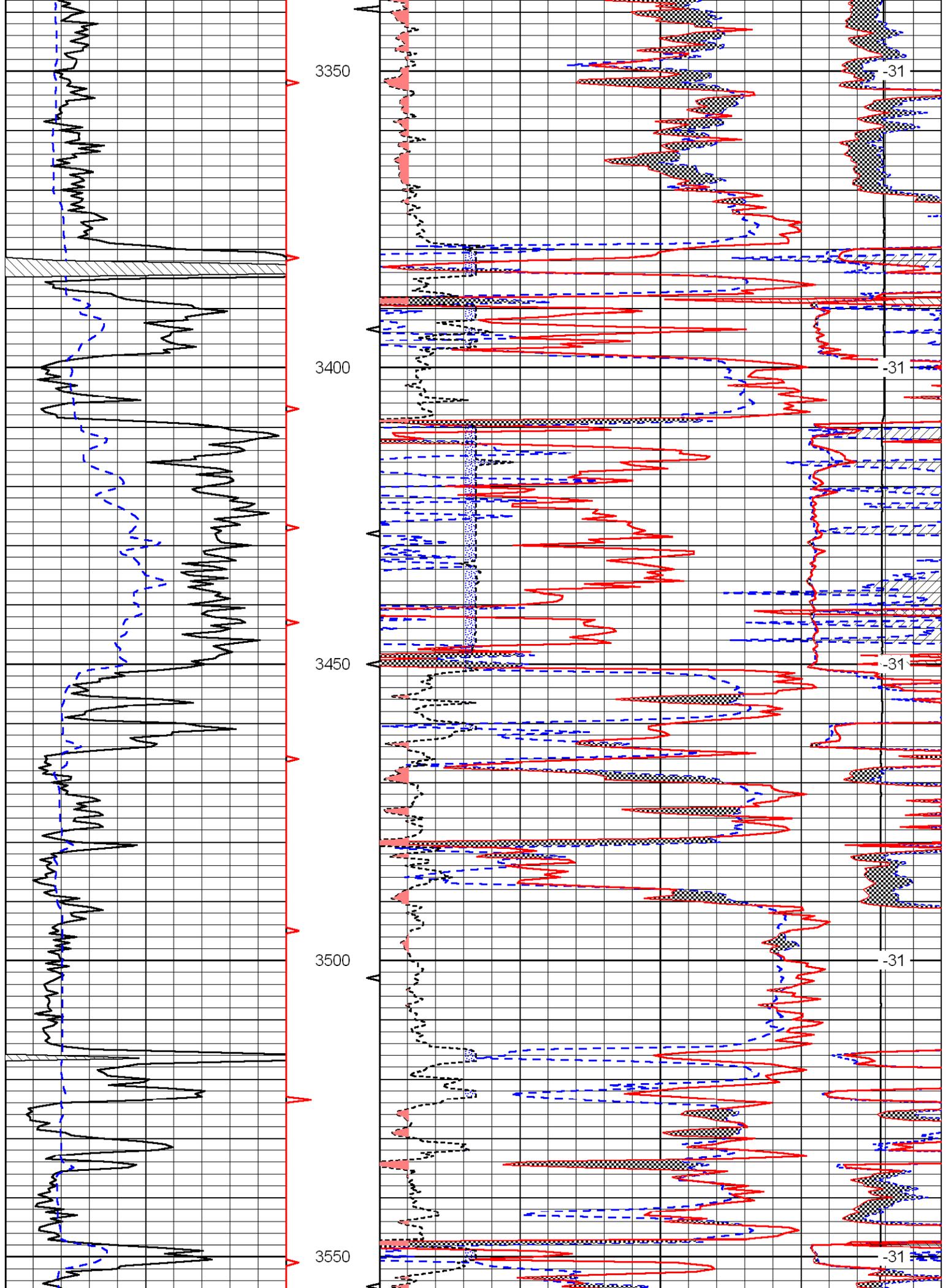


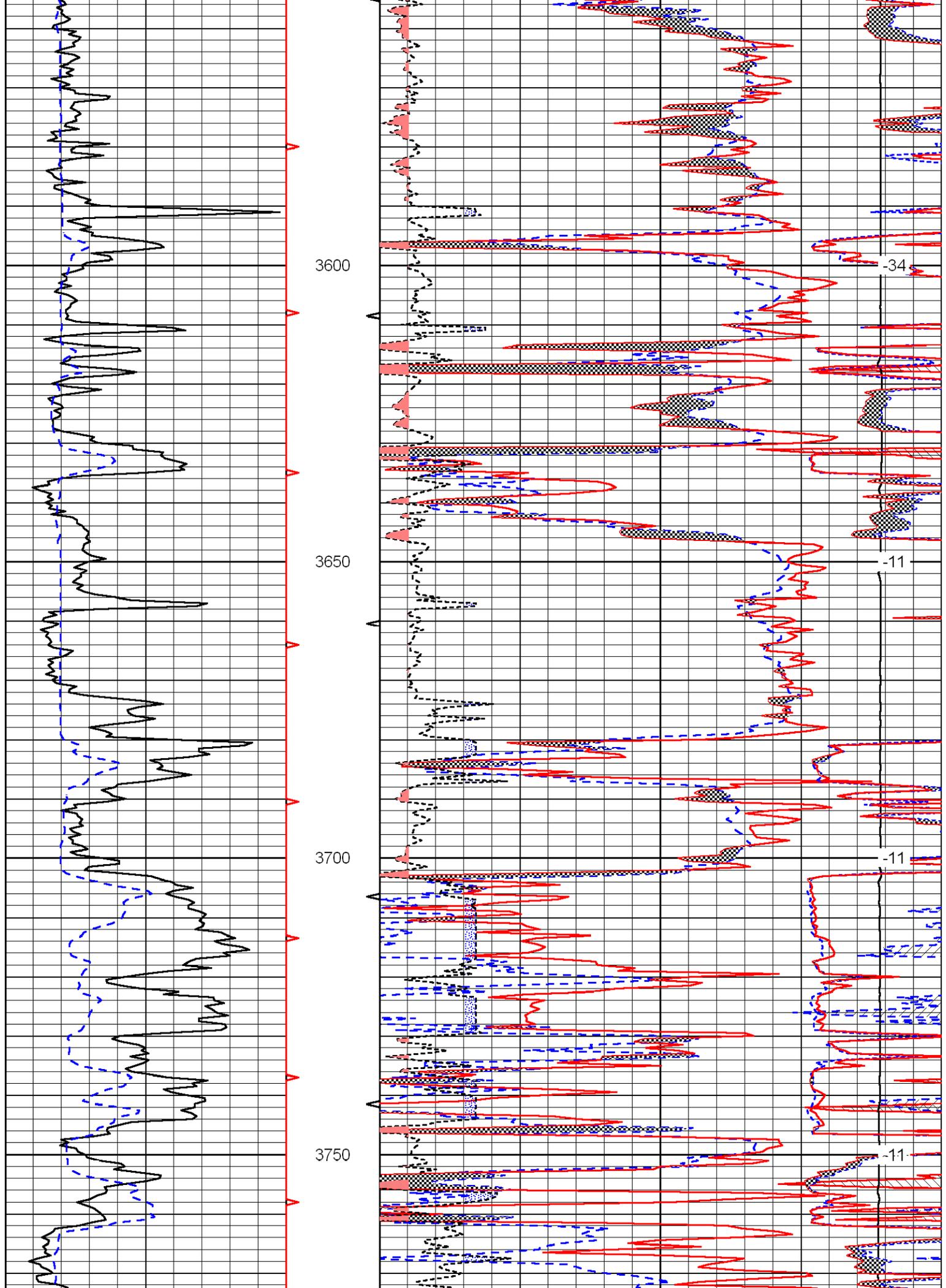


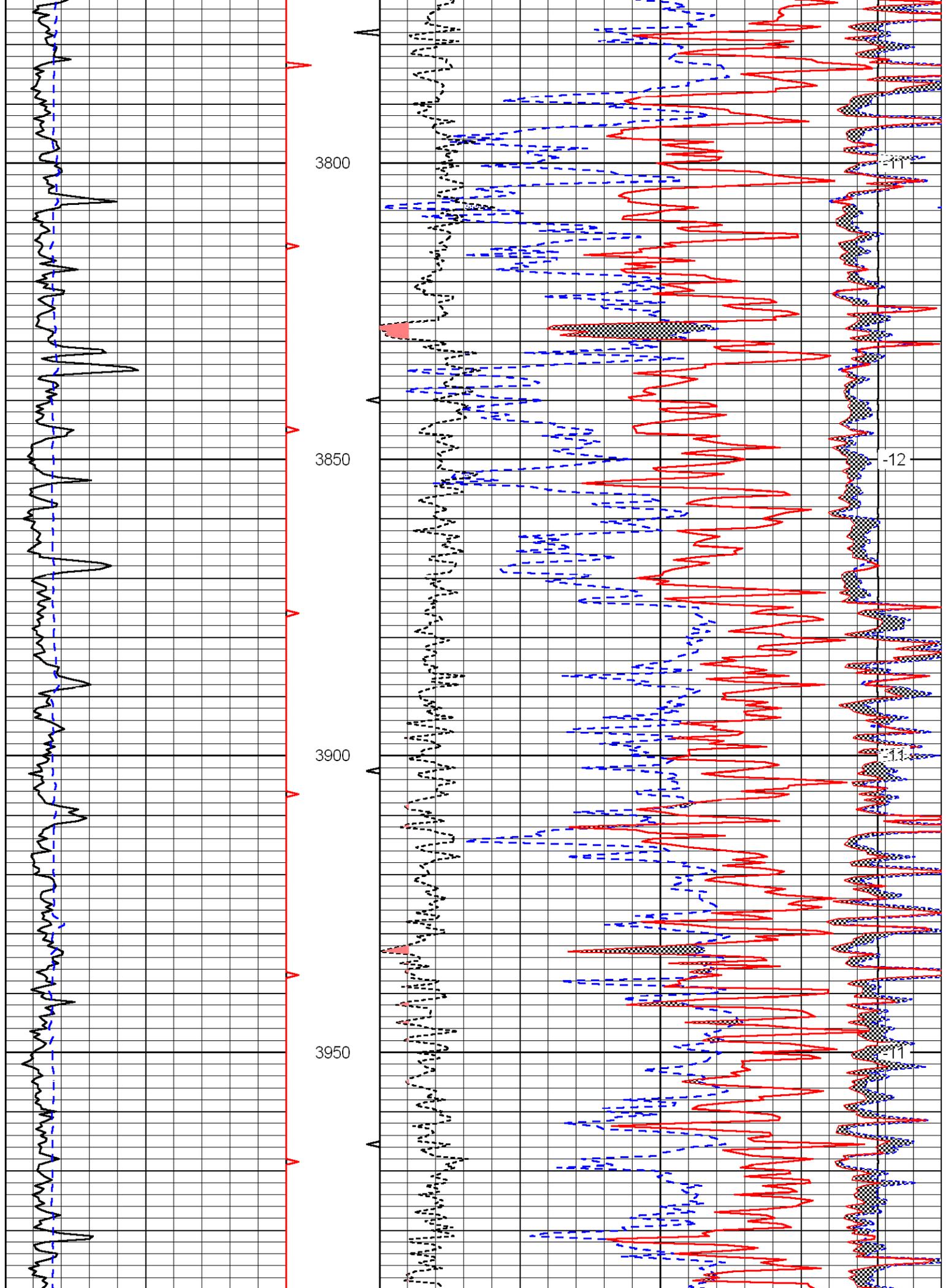


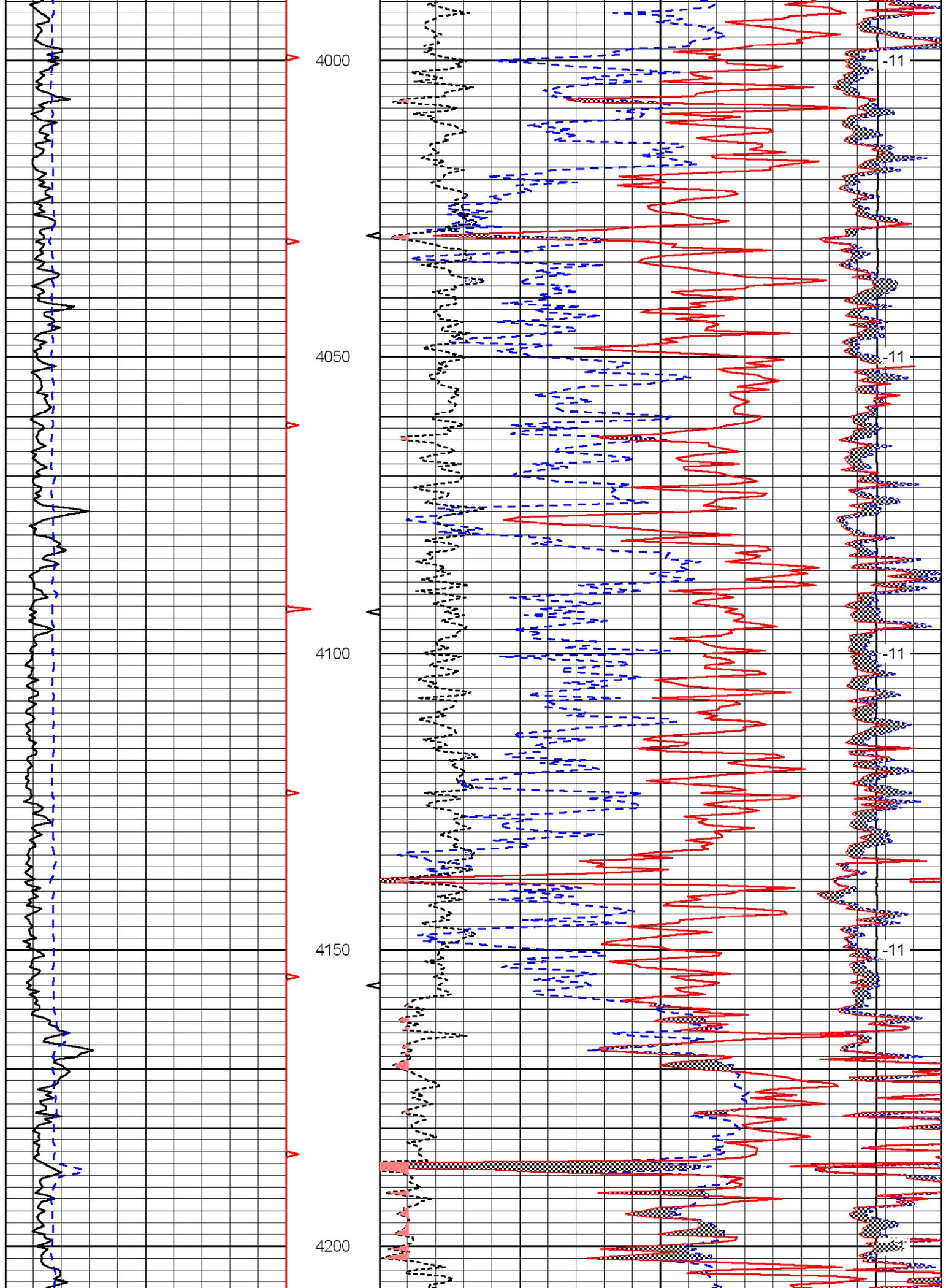


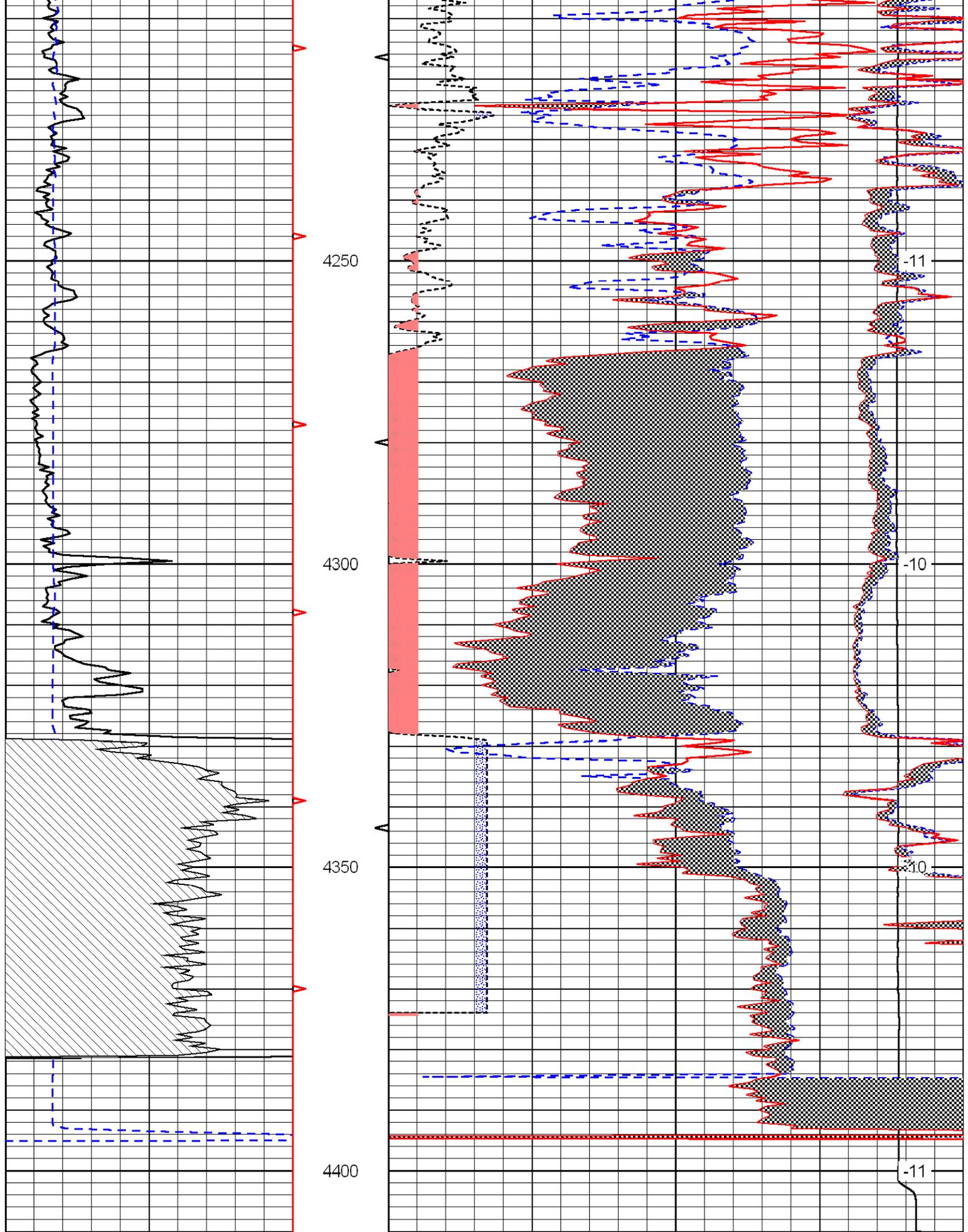












0	Gamma Ray	150
6	Caliper (in)	16

30	Compensated Neutron (pu)	-10
30	Compensated Density (pu)	-10
2.625	DGA (g/cc)	3.425
	Micro Normal	

15000

Line Tension (lb)

0 (Ohm-m) 20

0

Micro Inverse

0 (Ohm-m) 20

LSPD

(ft/min)



Dolomite Matrix (2.83)

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0 Gamma Ray 150

30 Compensated Neutron (pu) -10

30 Compensated Density (pu) -10

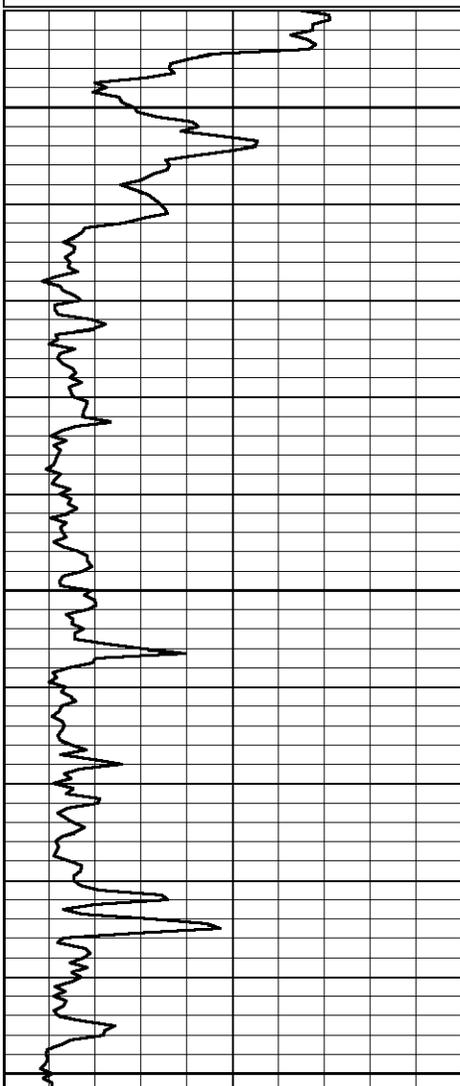
2.625 DGA (g/cc) 3.425

Micro Normal

0 (Ohm-m) 20

Micro Inverse

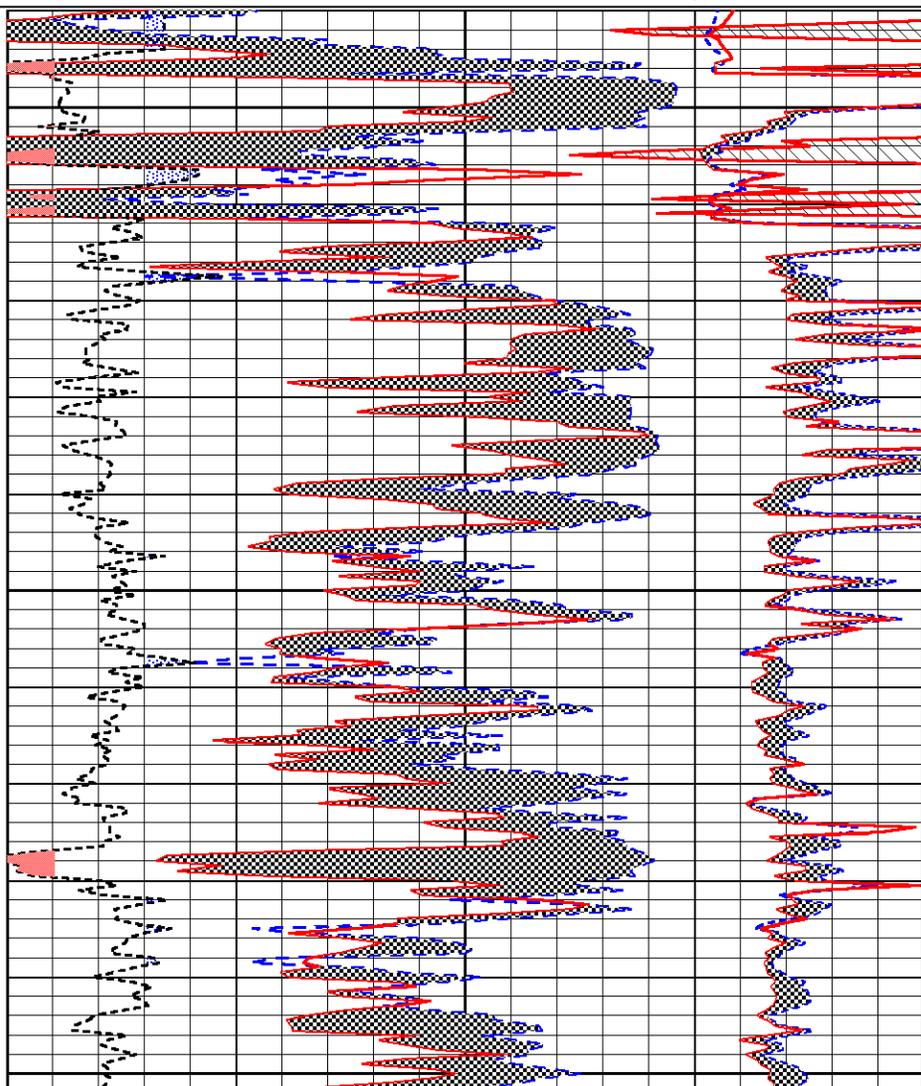
0 (Ohm-m) 20

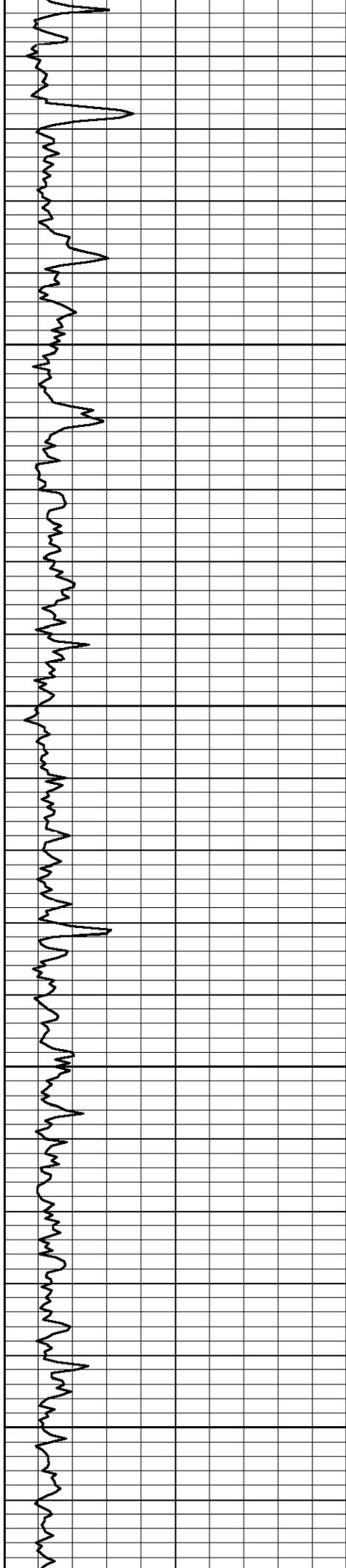


3750

3800

3850





3900

3950

4000

4050

