



**Dual Compensated  
Porosity Log**

**DIGITAL LOG (785) 625-3858**

API No.	15-009-25,282-00-00		
Company	F. G. Holl Company, L.L.C.		
Well	Ingalls No. 1-12		
Field	Wildcat		
County	Barton		
State	Kansas		
Location	3900' FSL & 330' FEL		
Sec: 12	Twp: 20S	Rge: 14W	Other Services DIL MEL/BHCS
Permanent Datum	Ground Level	Elevation 1867	Elevation K.B. 1875
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	D.F. 1867
Drilling Measured From	Kelly Bushing		G.L. 1867

Date	11/08/2008						
Run Number	One						
Type Log	CNL / CDL						
Depth Driller	3675						
Depth Logger	3669						
Bottom Logged Interval	3648						
Top Logged Interval	1650						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	15,000						
Density	8.8						
Level	Full						
Max. Rec. Temp. F	115						
Operating Rig Time	6 Hours						
Equipment -- Location	10 Hays						
Recorded By	Jason Wellbrock						
Witnessed By	Rene Husted						
Borehole Record		Casing Record					
Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	801	8.625	24#	00	801
2	7.875	801	3675				

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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**

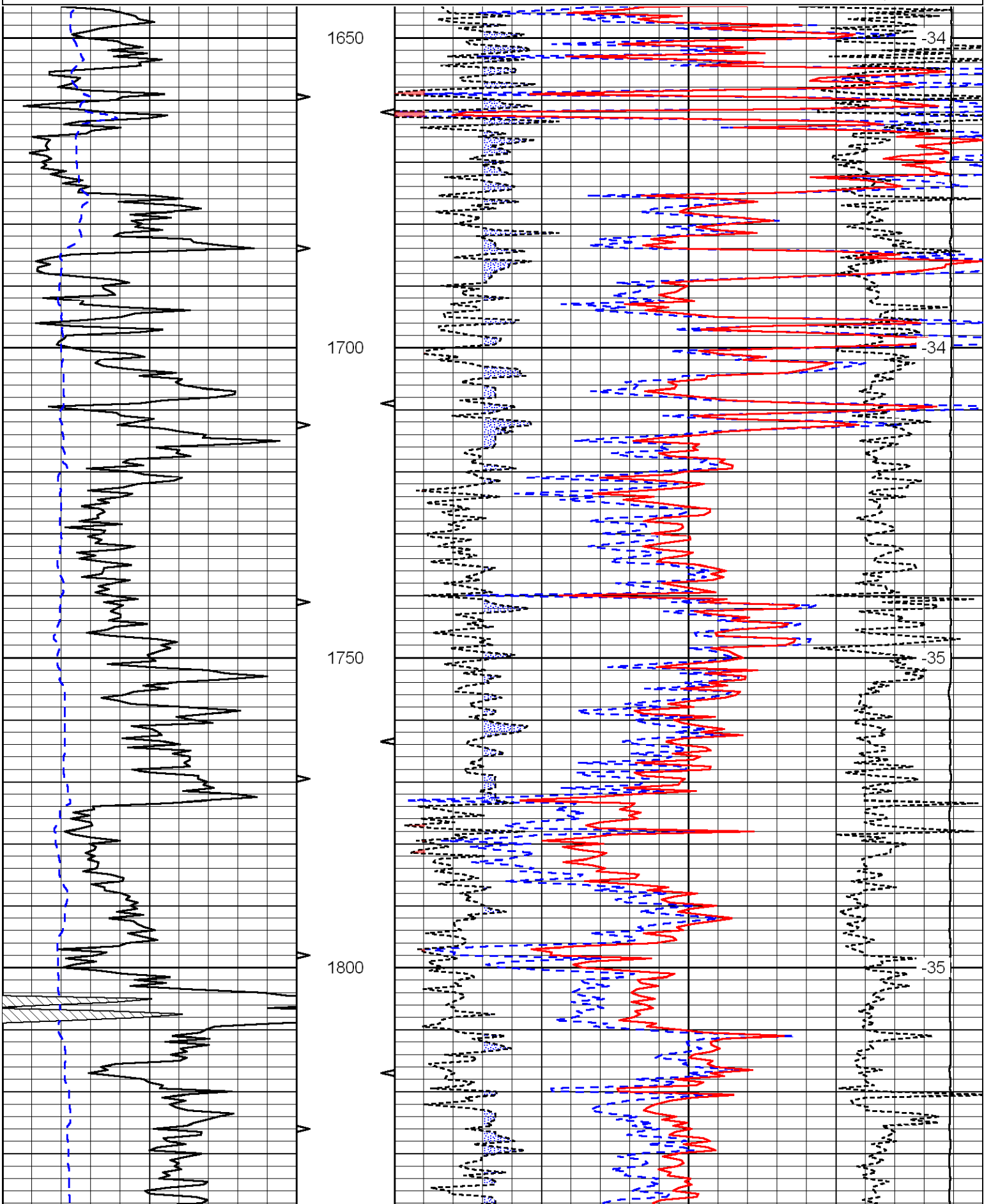
Thank you for using Log-Tech, Inc.  
(785) 625-3858

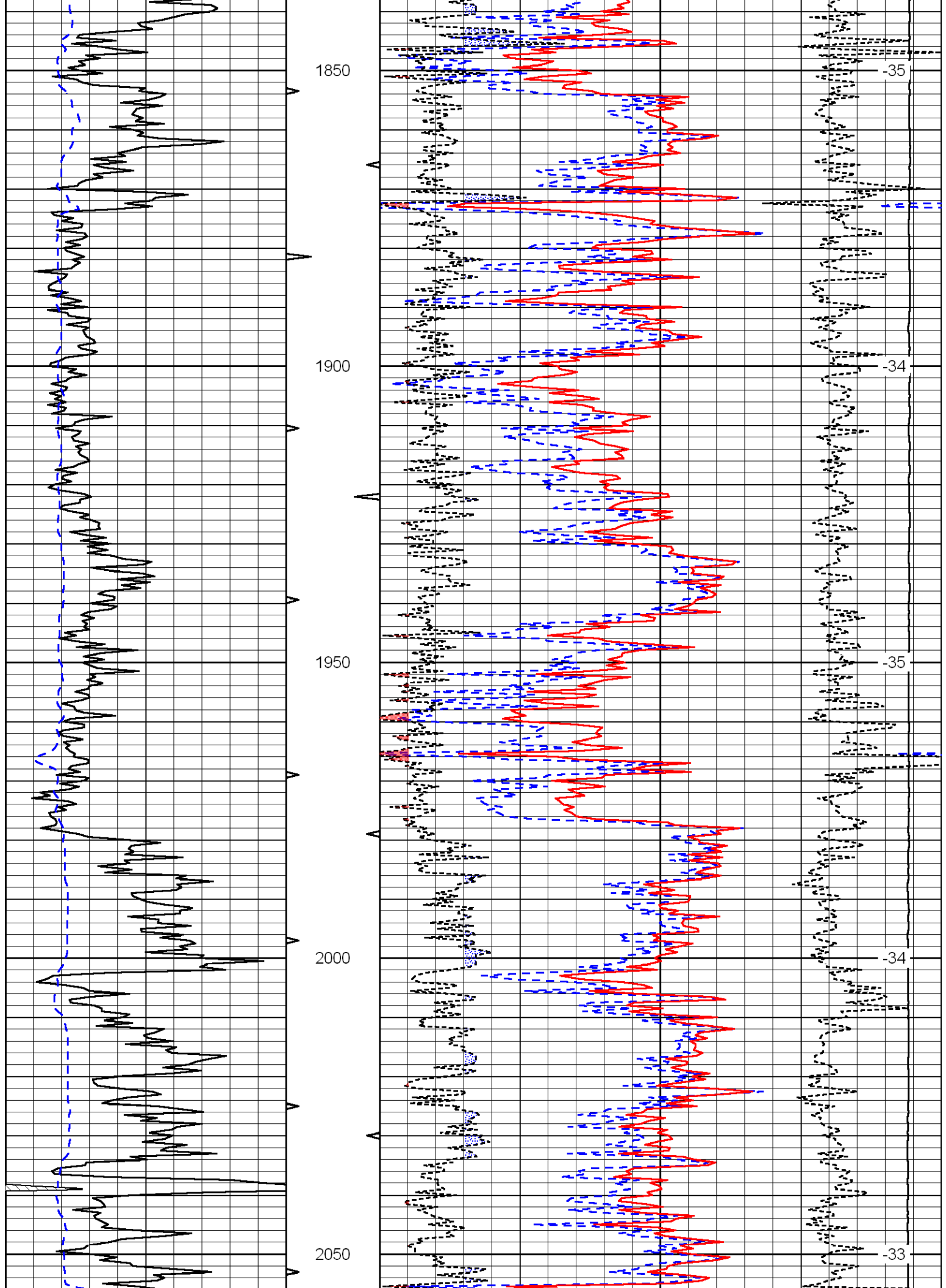
Great Bend 1 S, Follow blacktop 3.3 Miles West, North .6 Miles, W Into

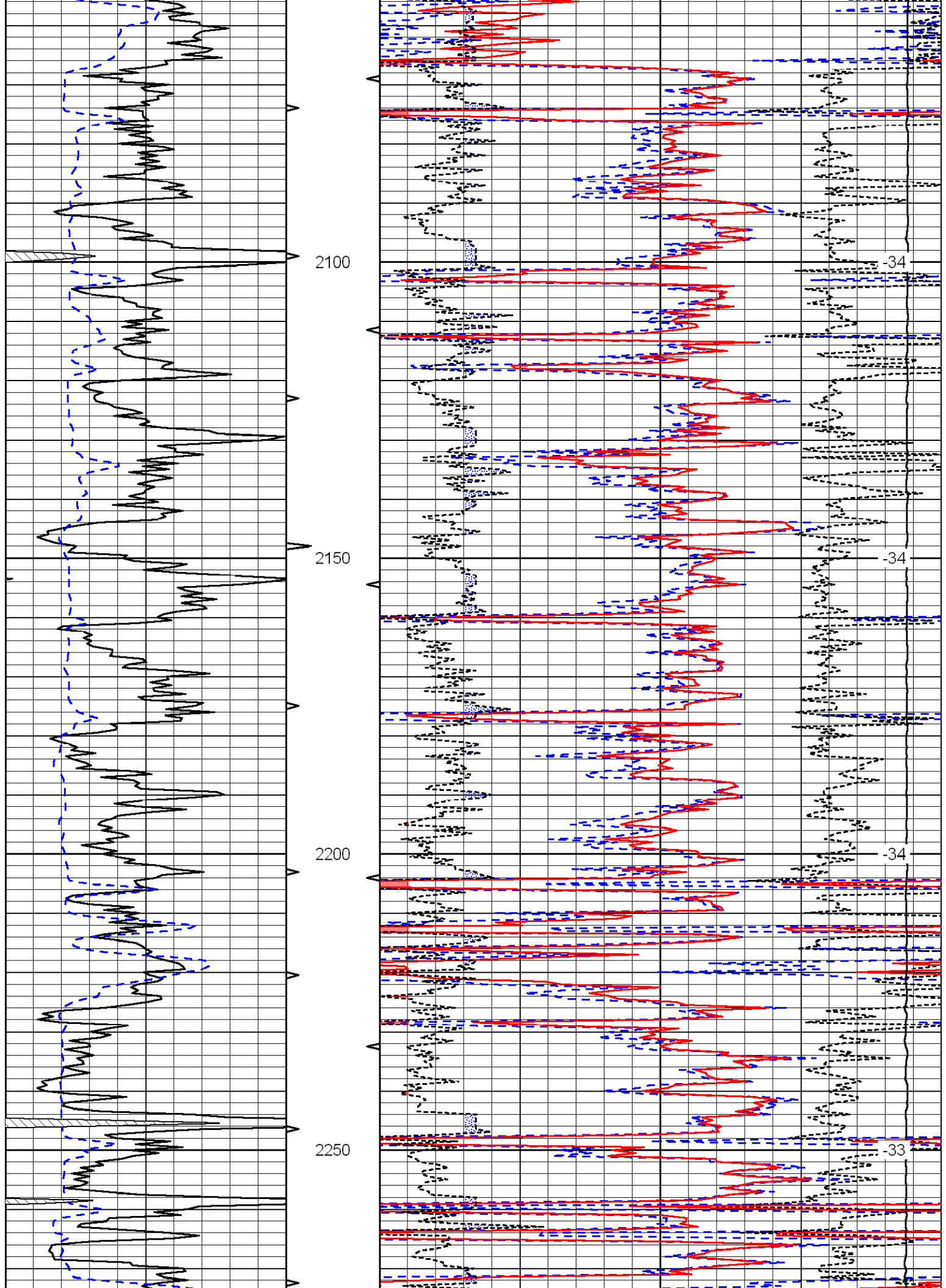
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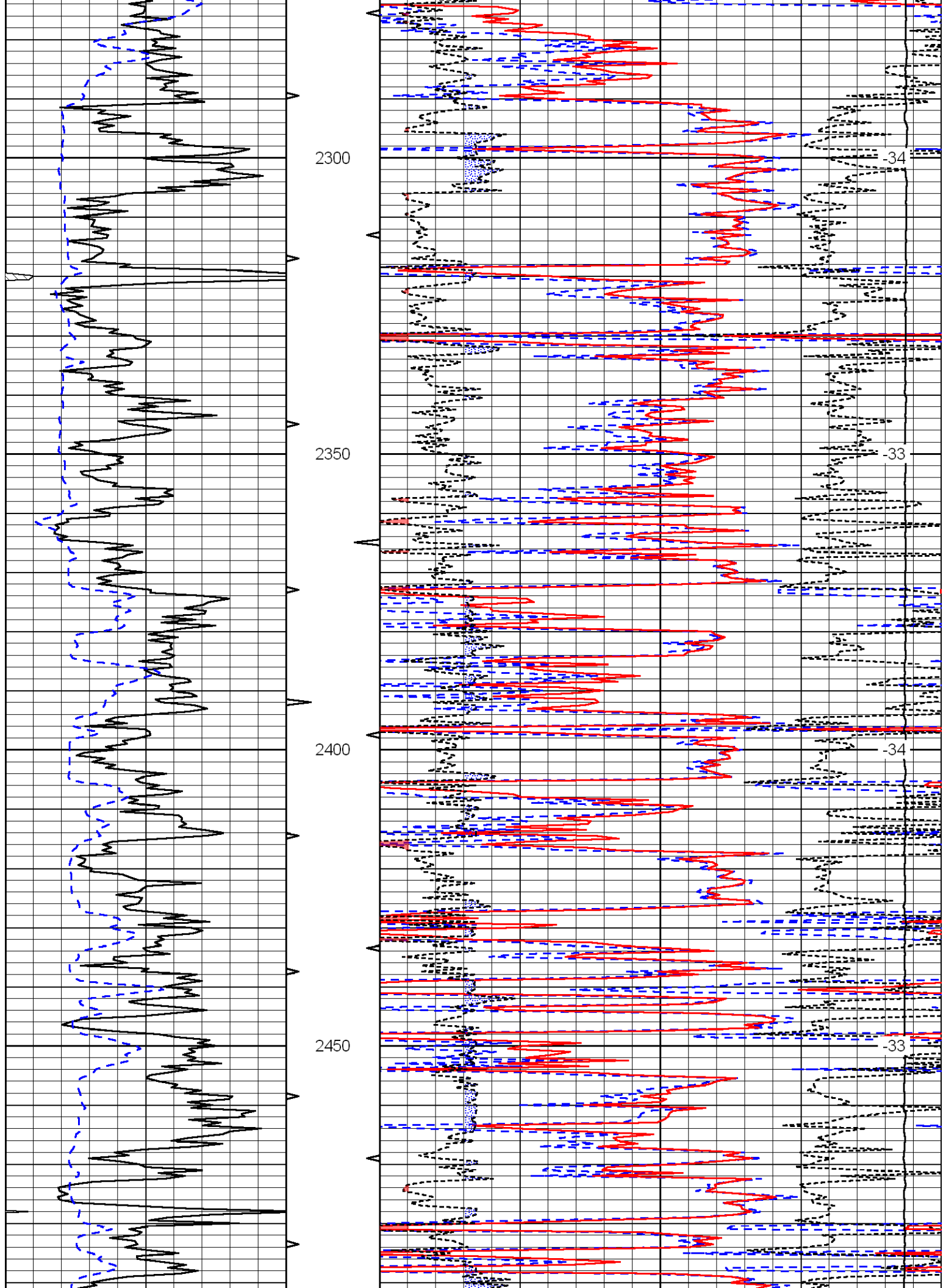
0	Gamma Ray	150
6	Caliper (GAPI)	16

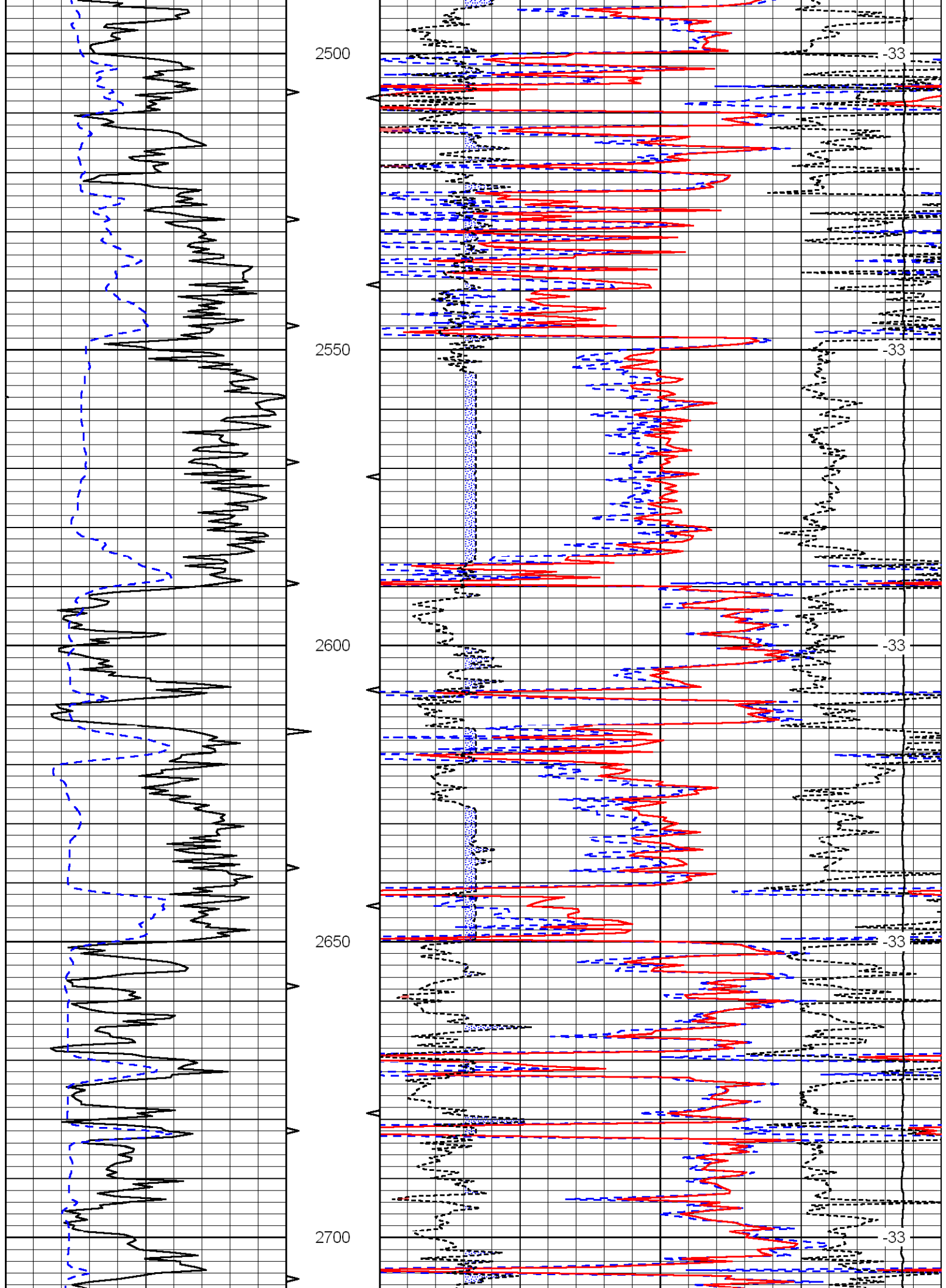
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

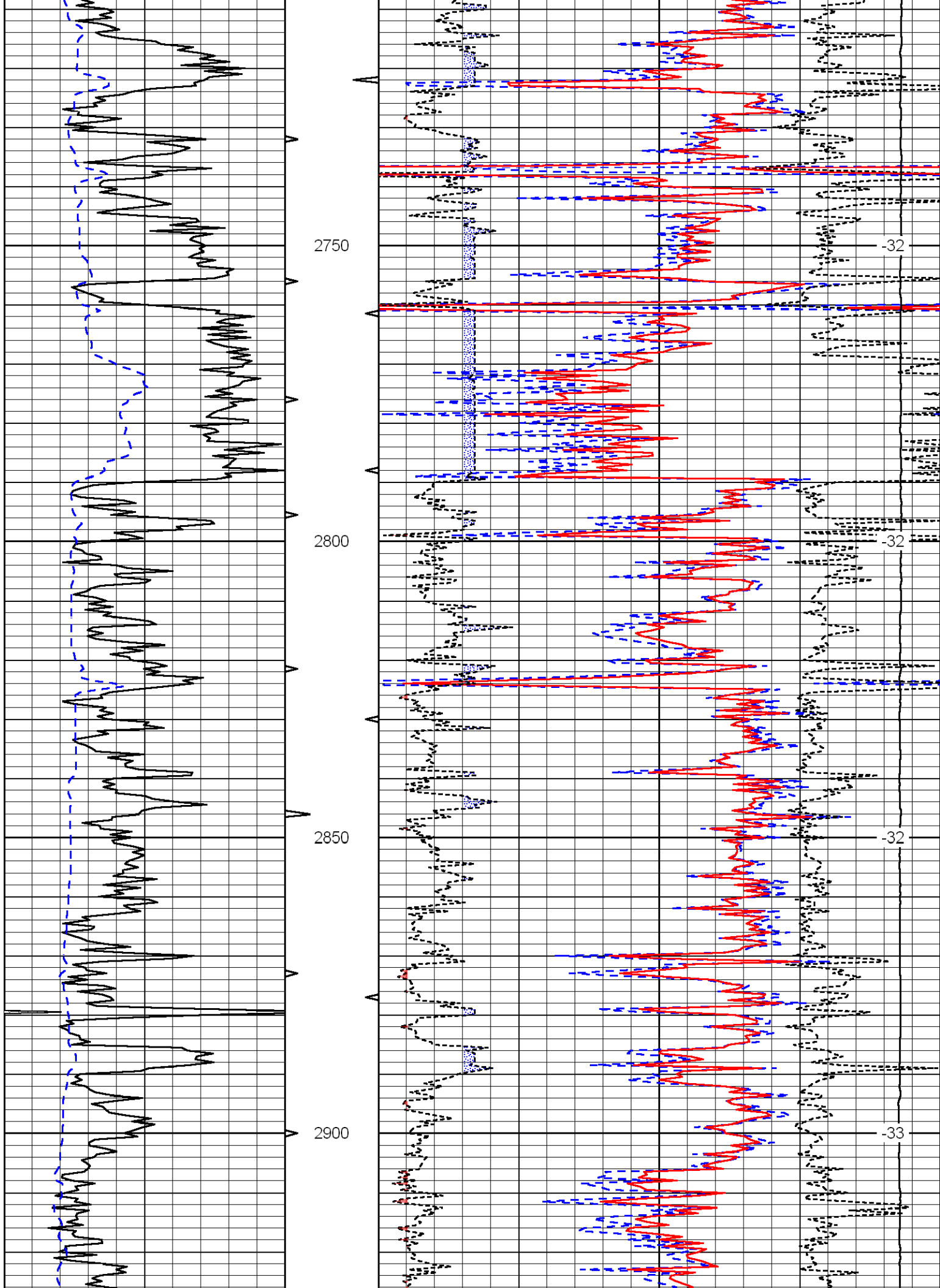


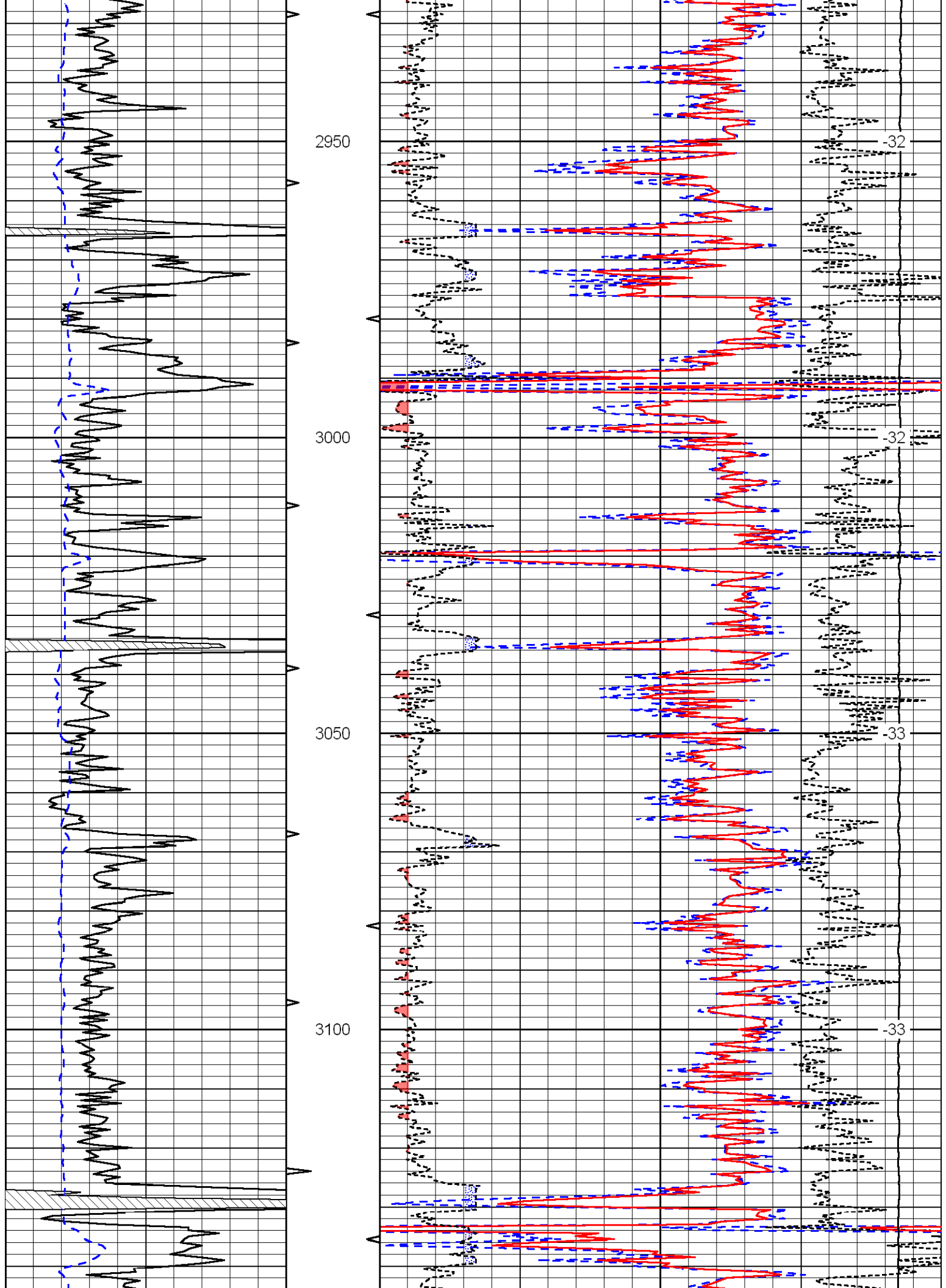


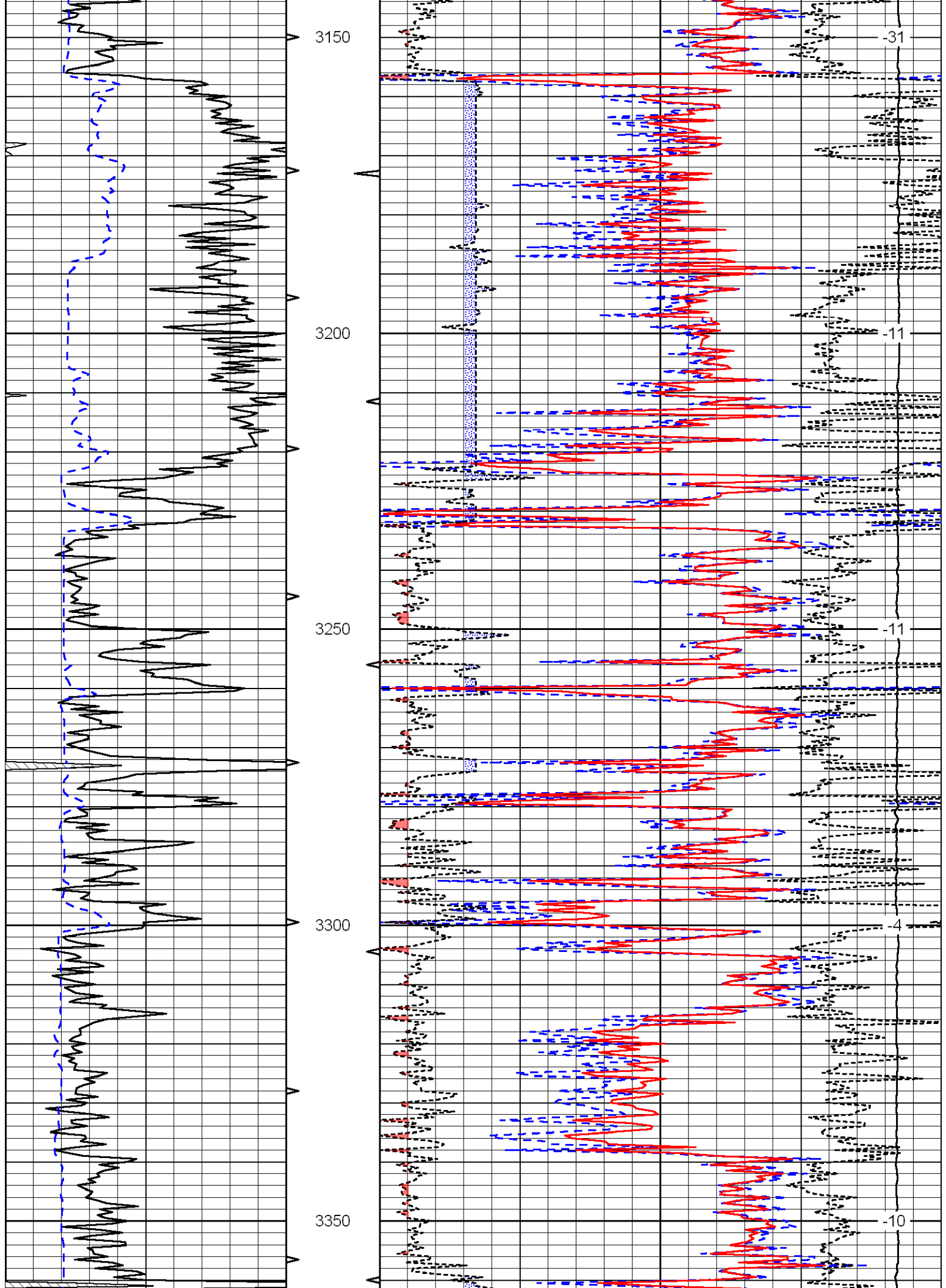


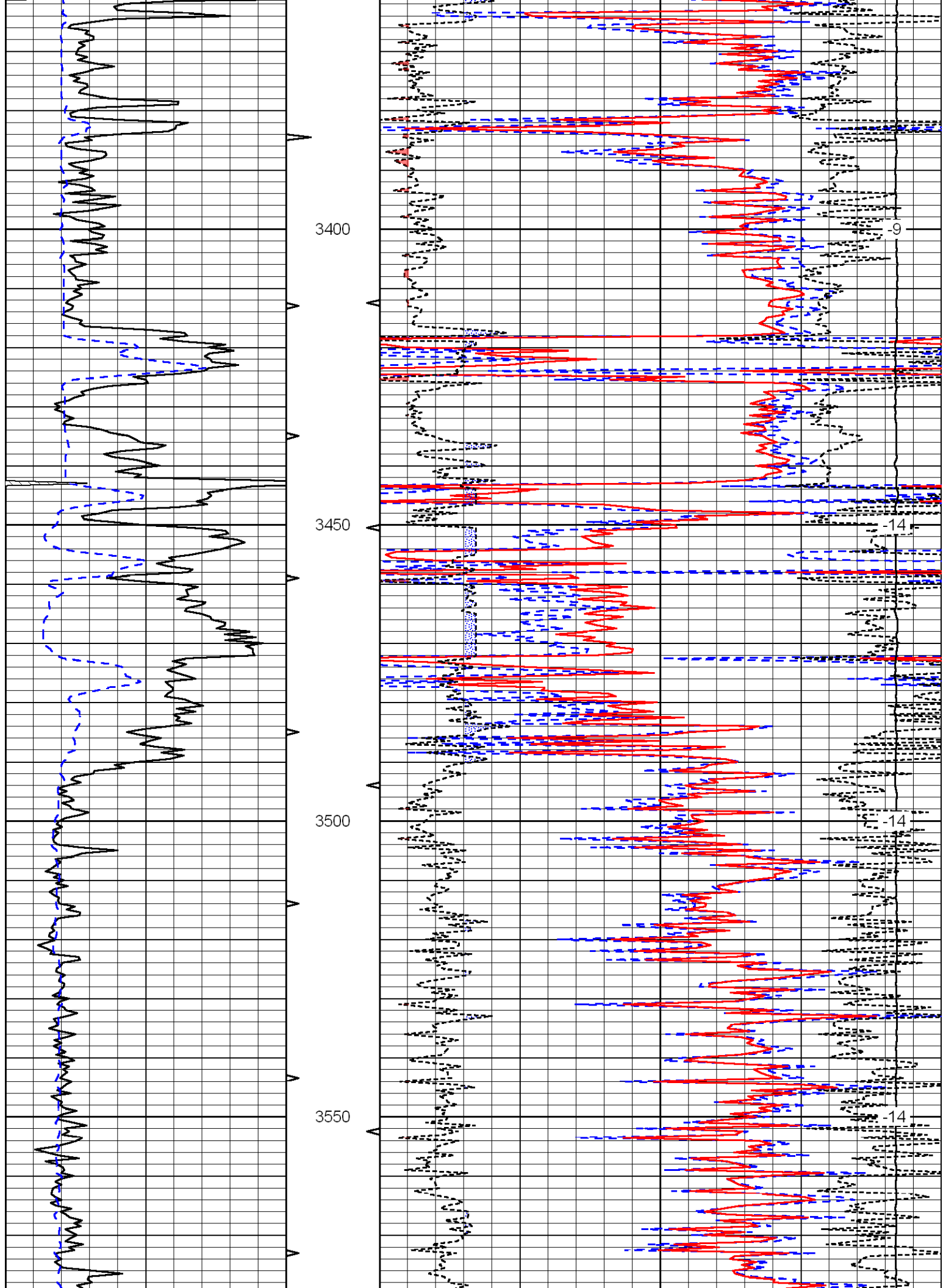


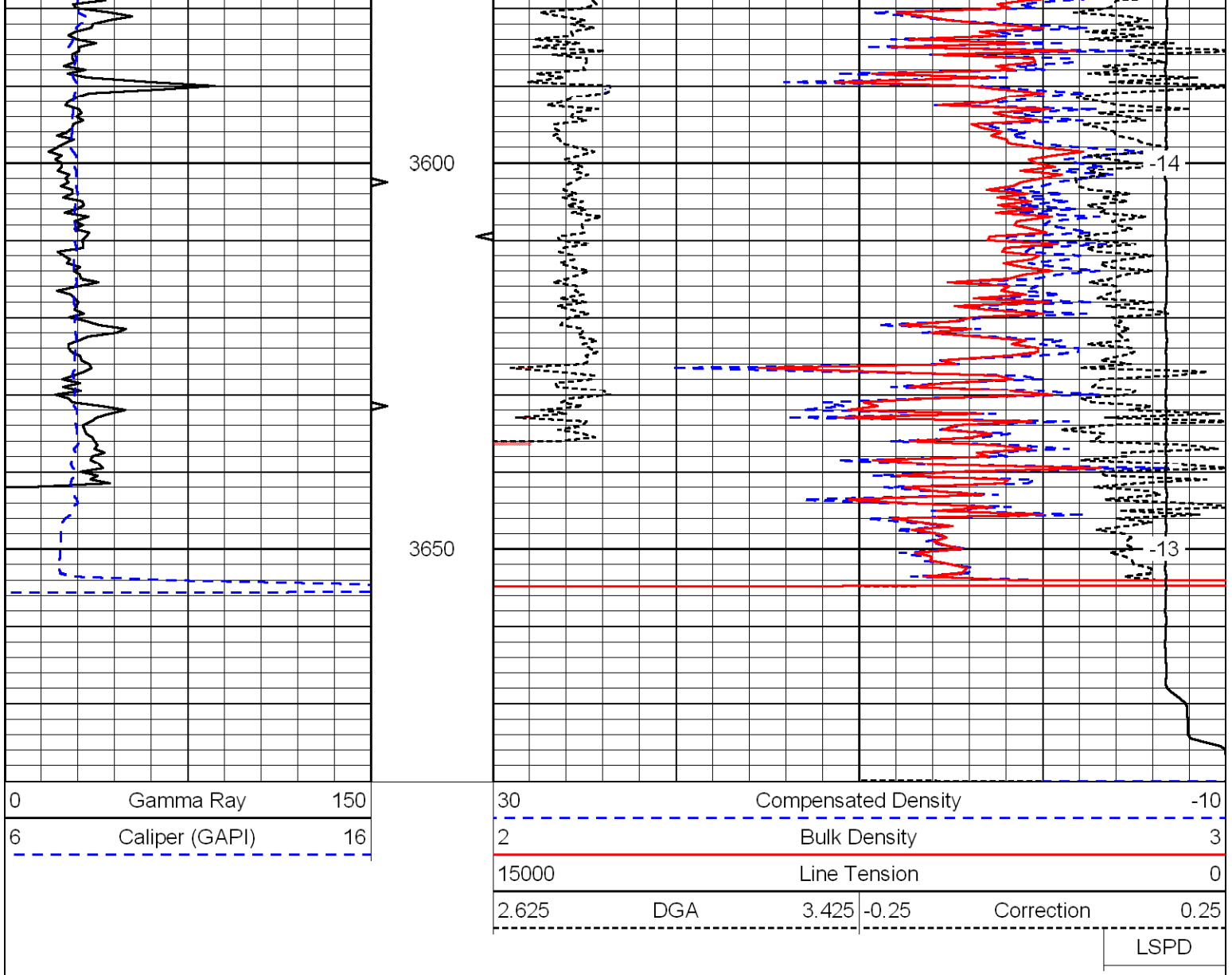








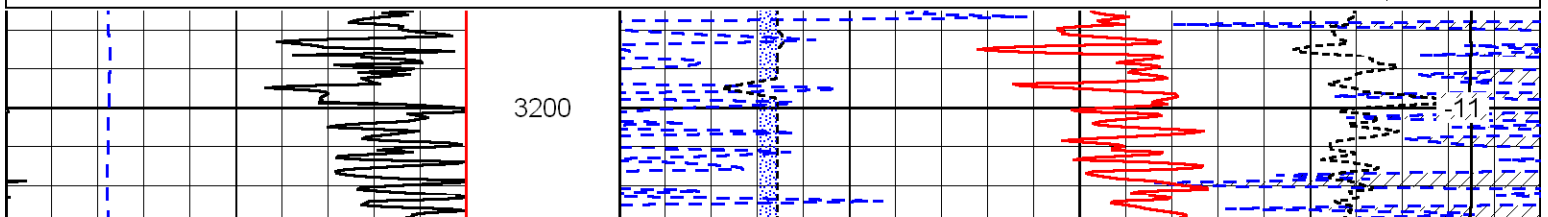
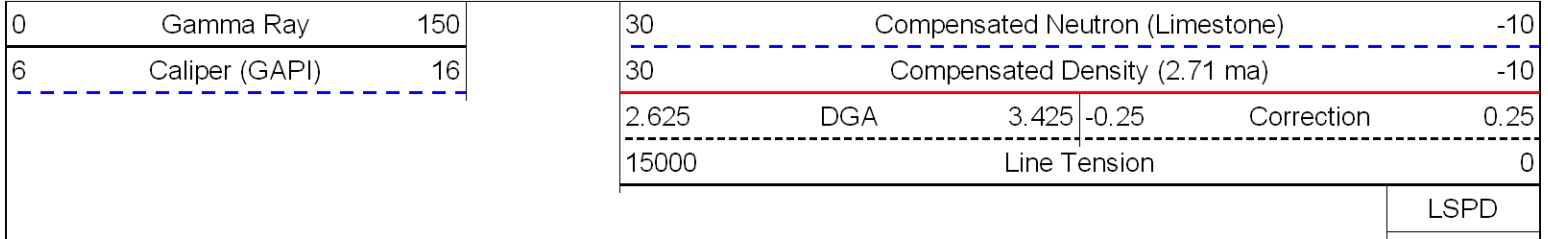


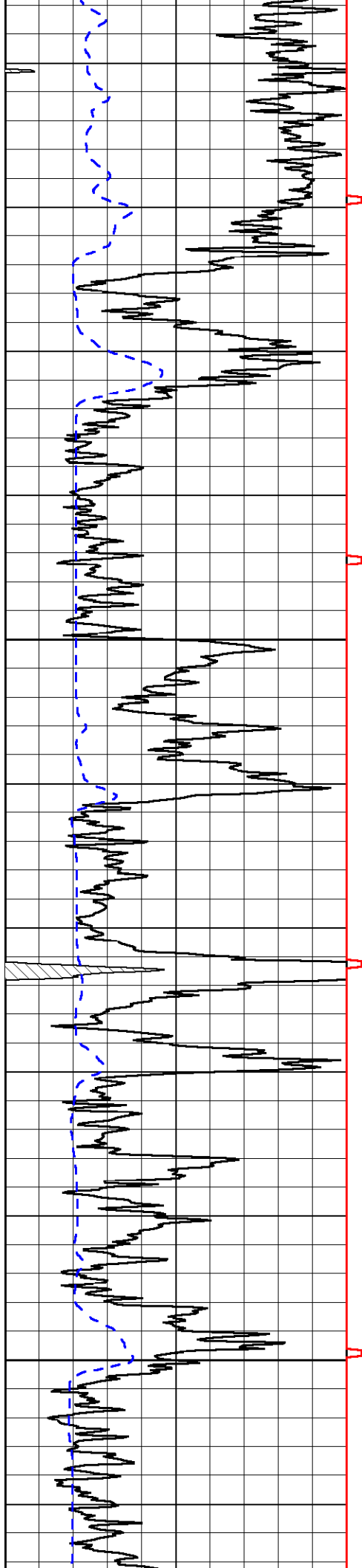


**LOG-TECH**

# High Resolution

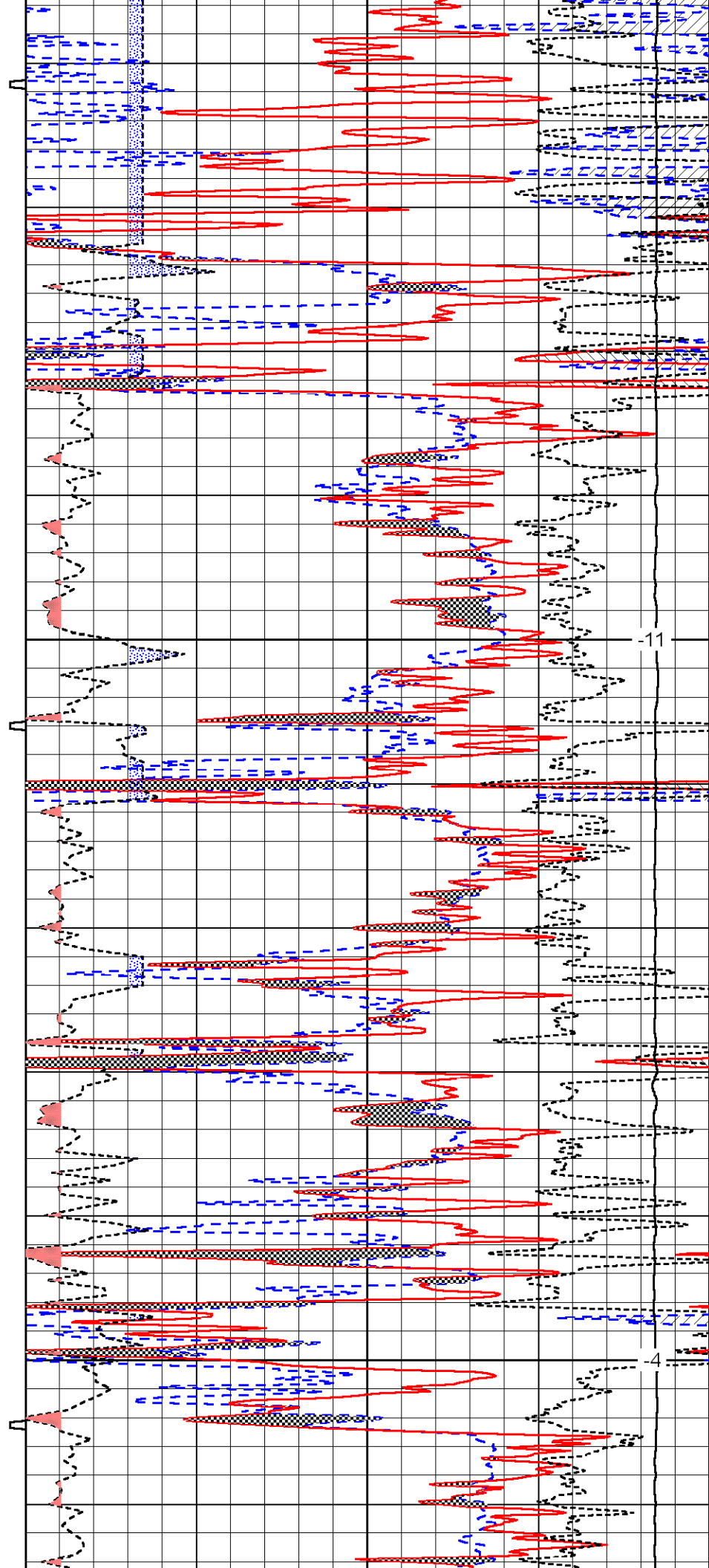
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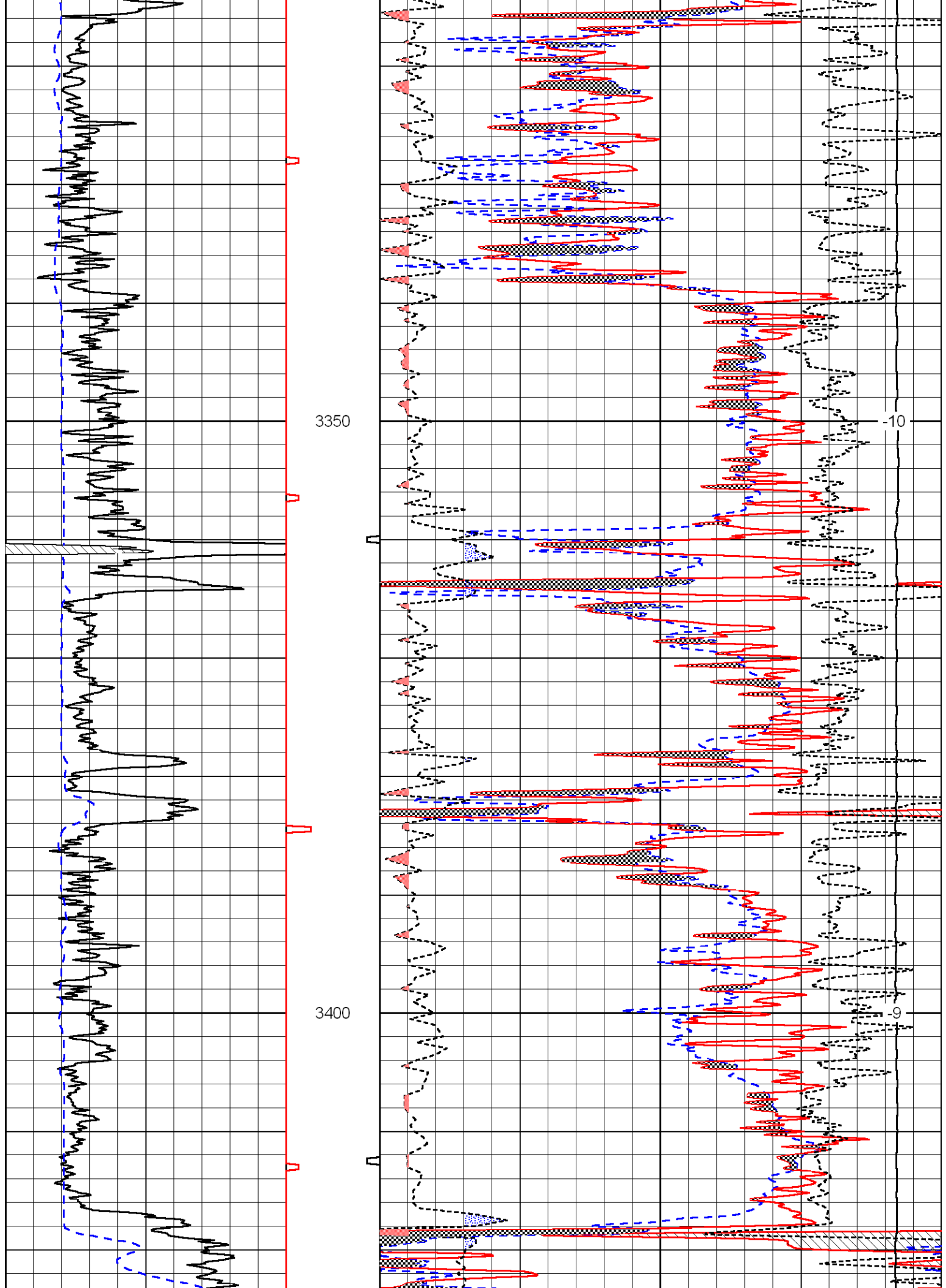


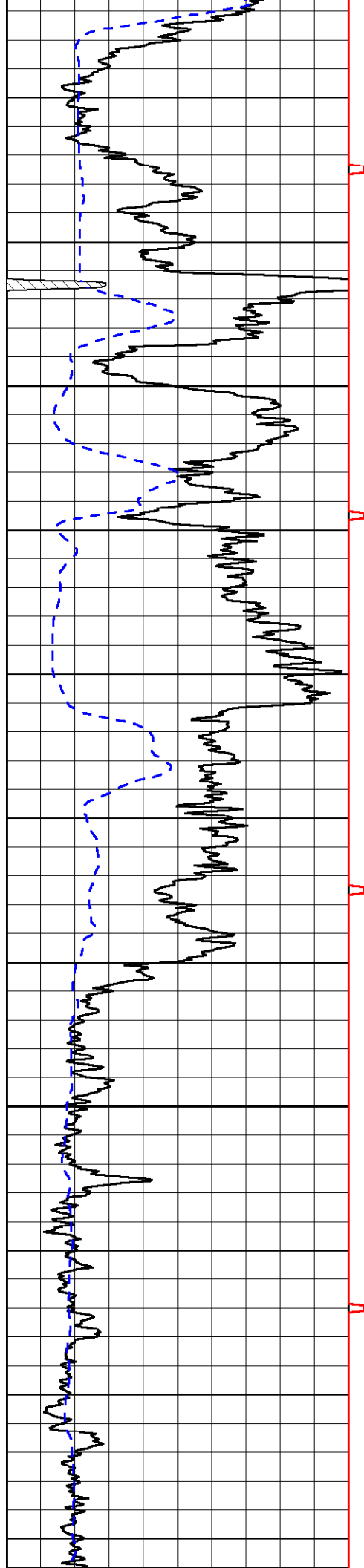


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3300

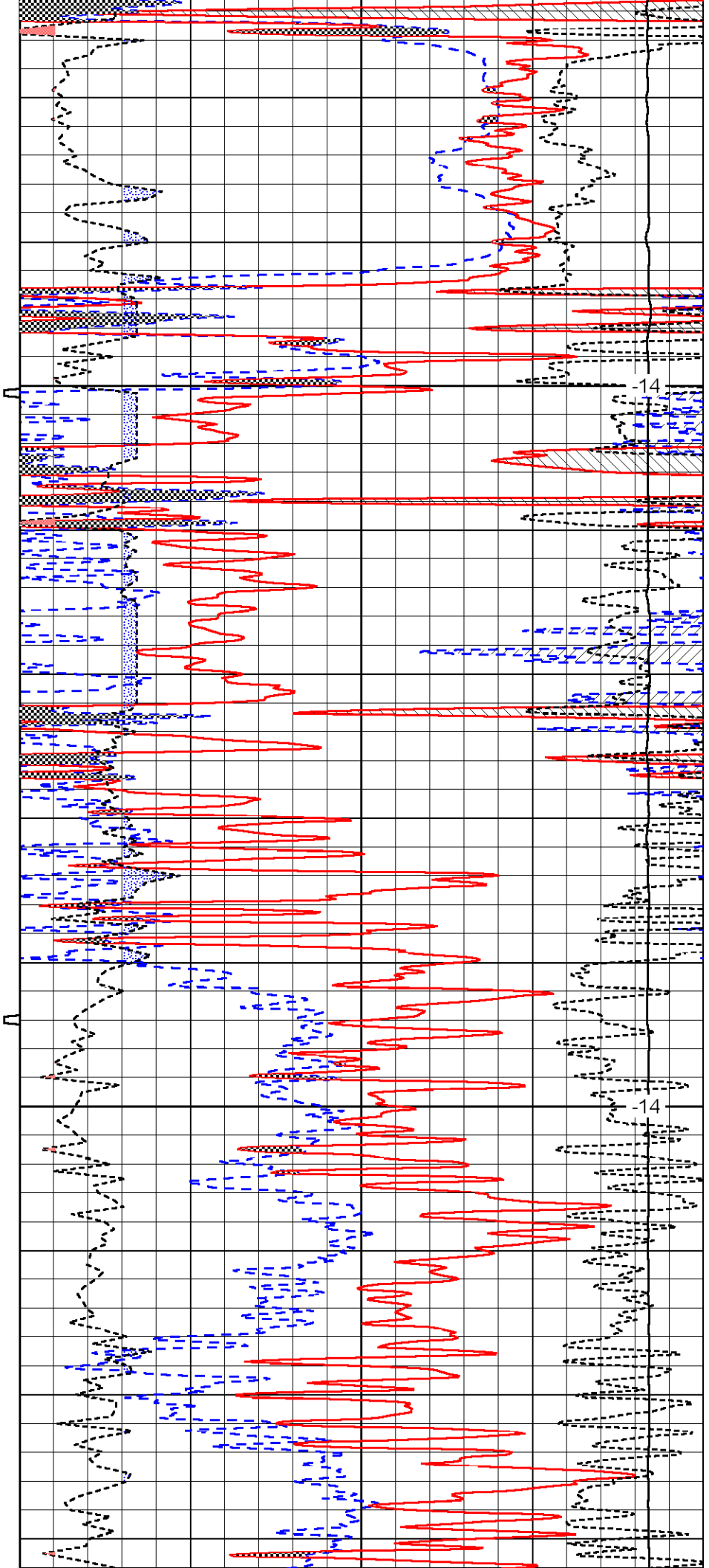






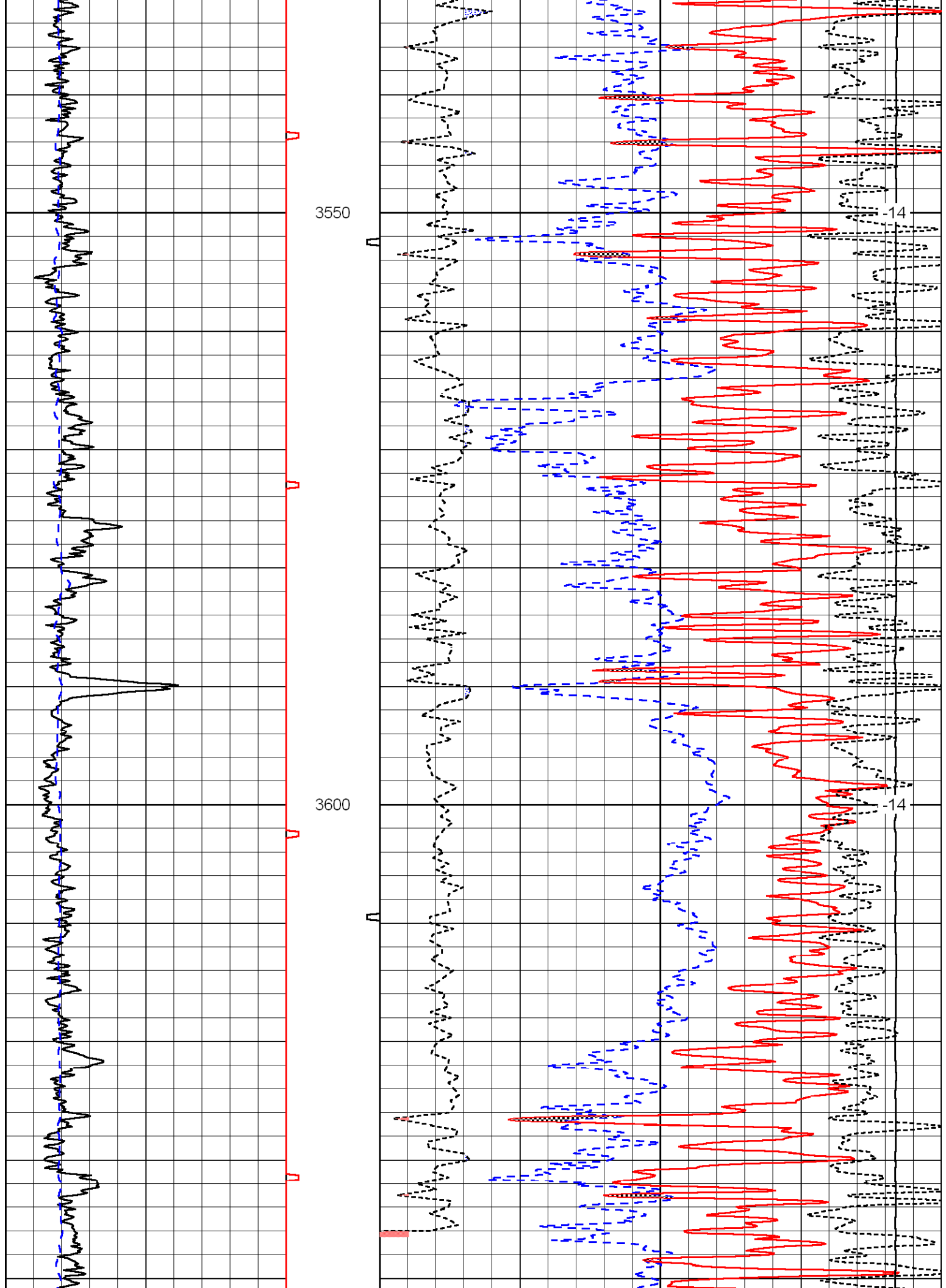
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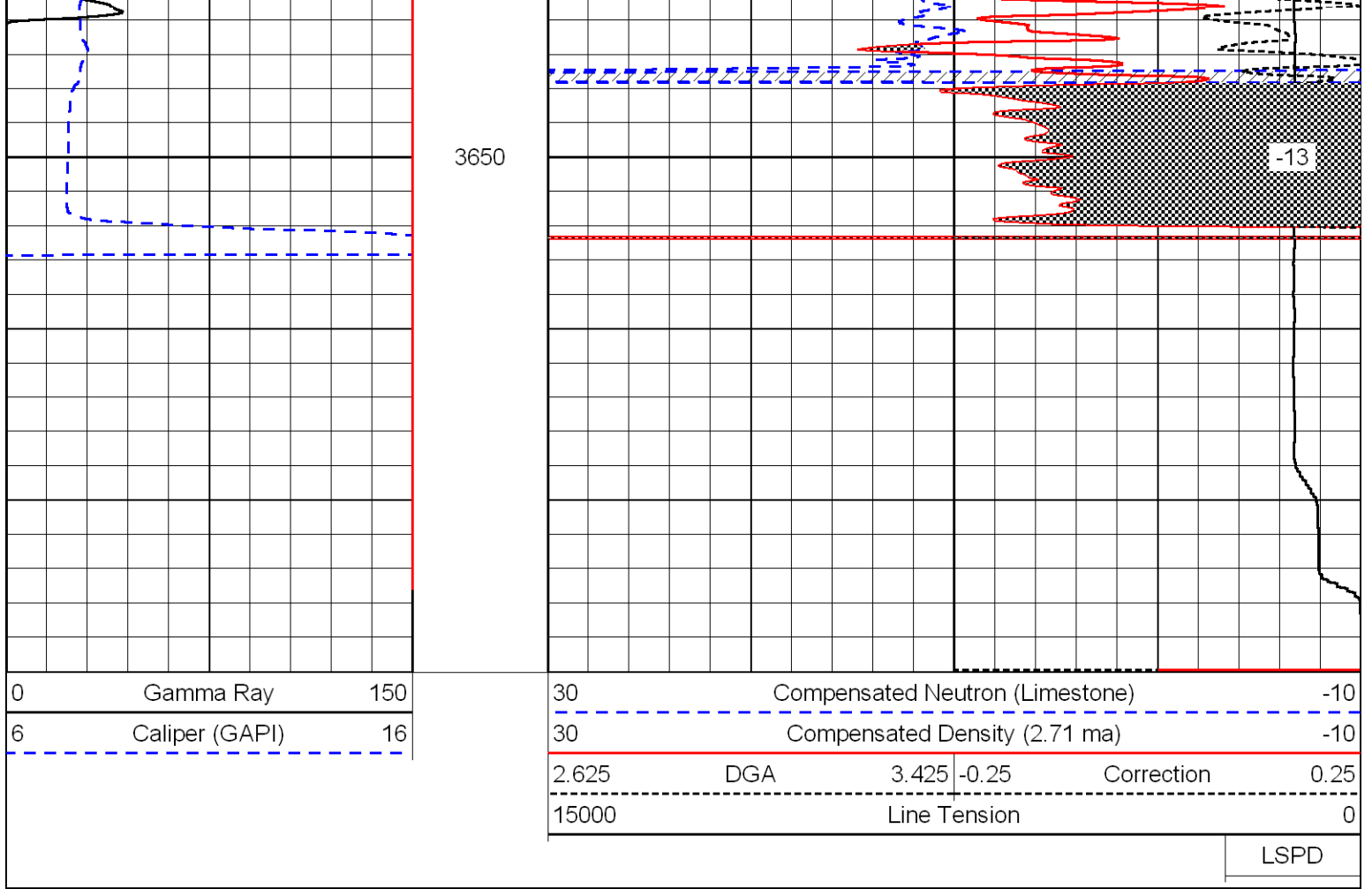
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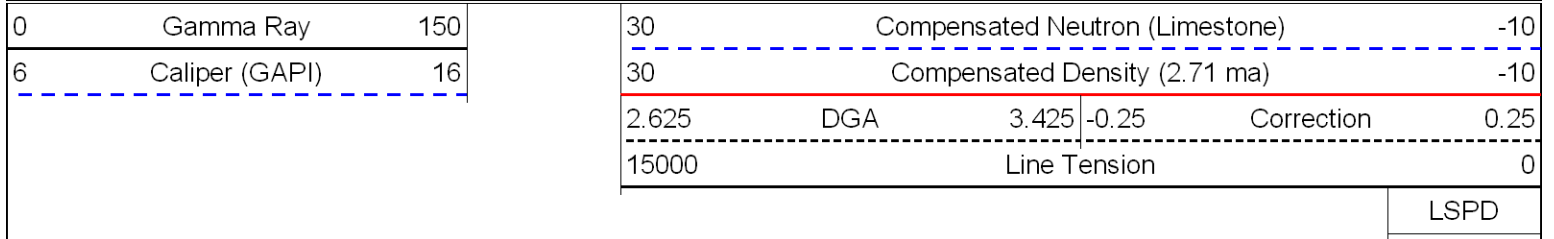
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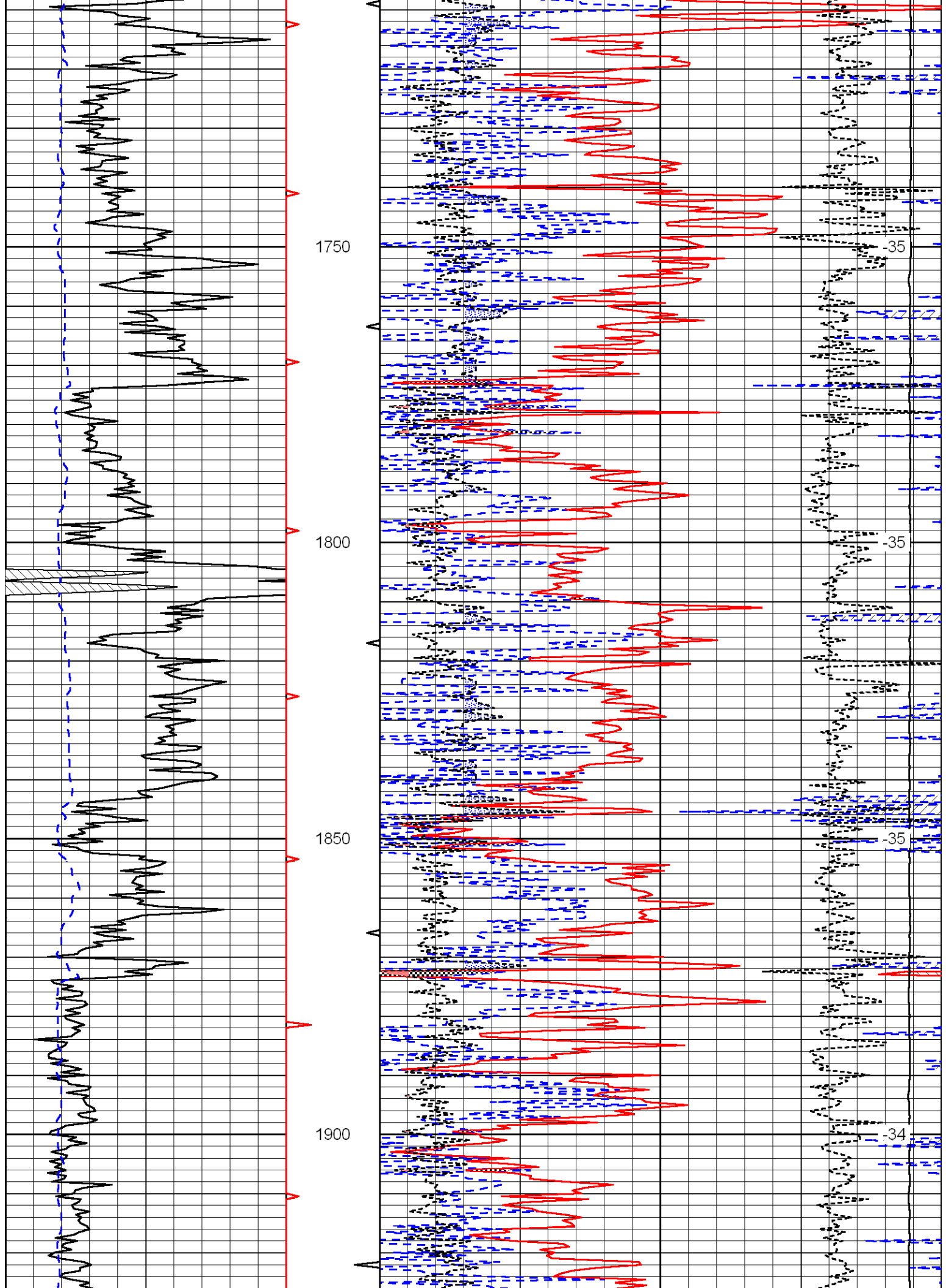
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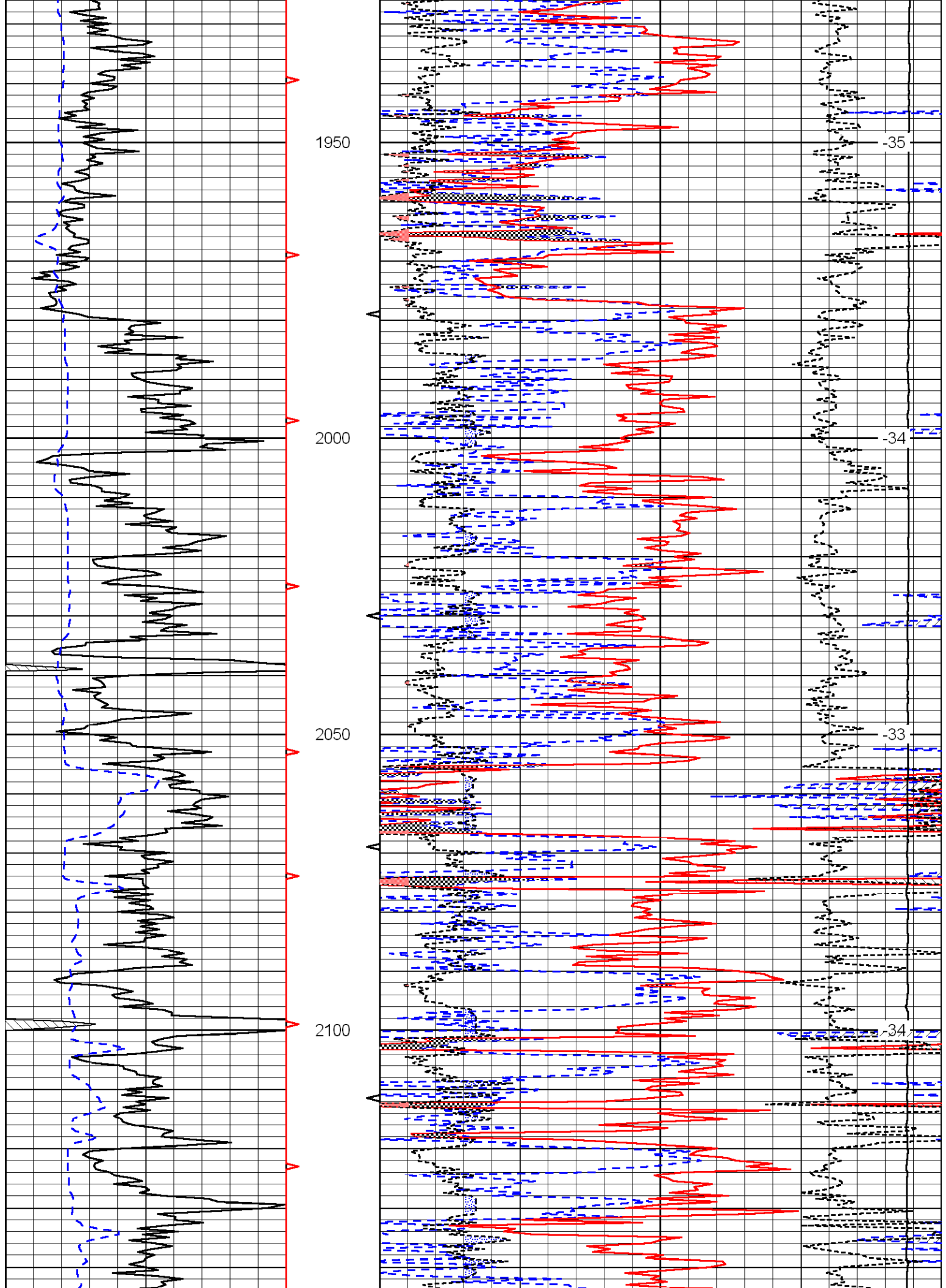


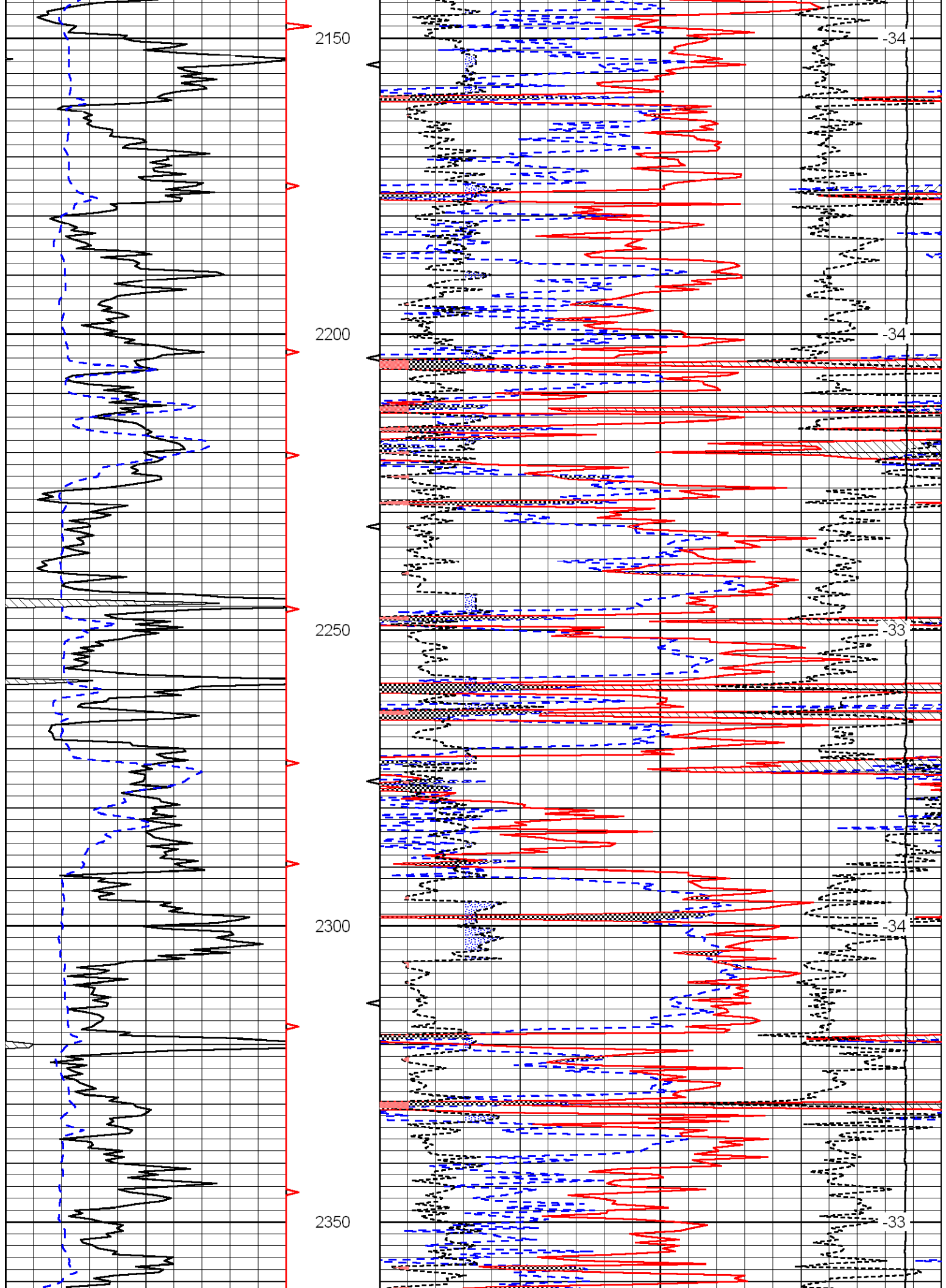


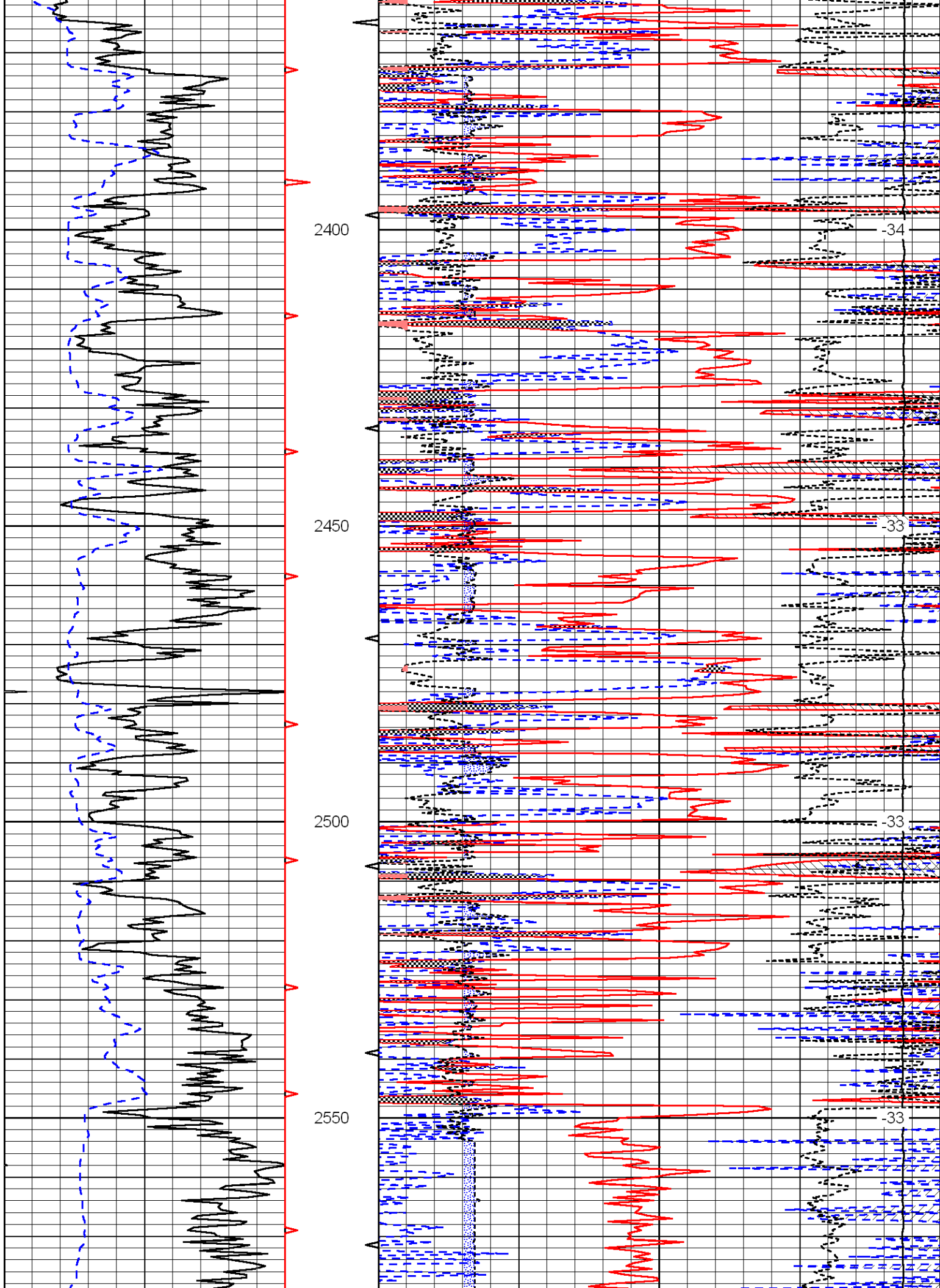
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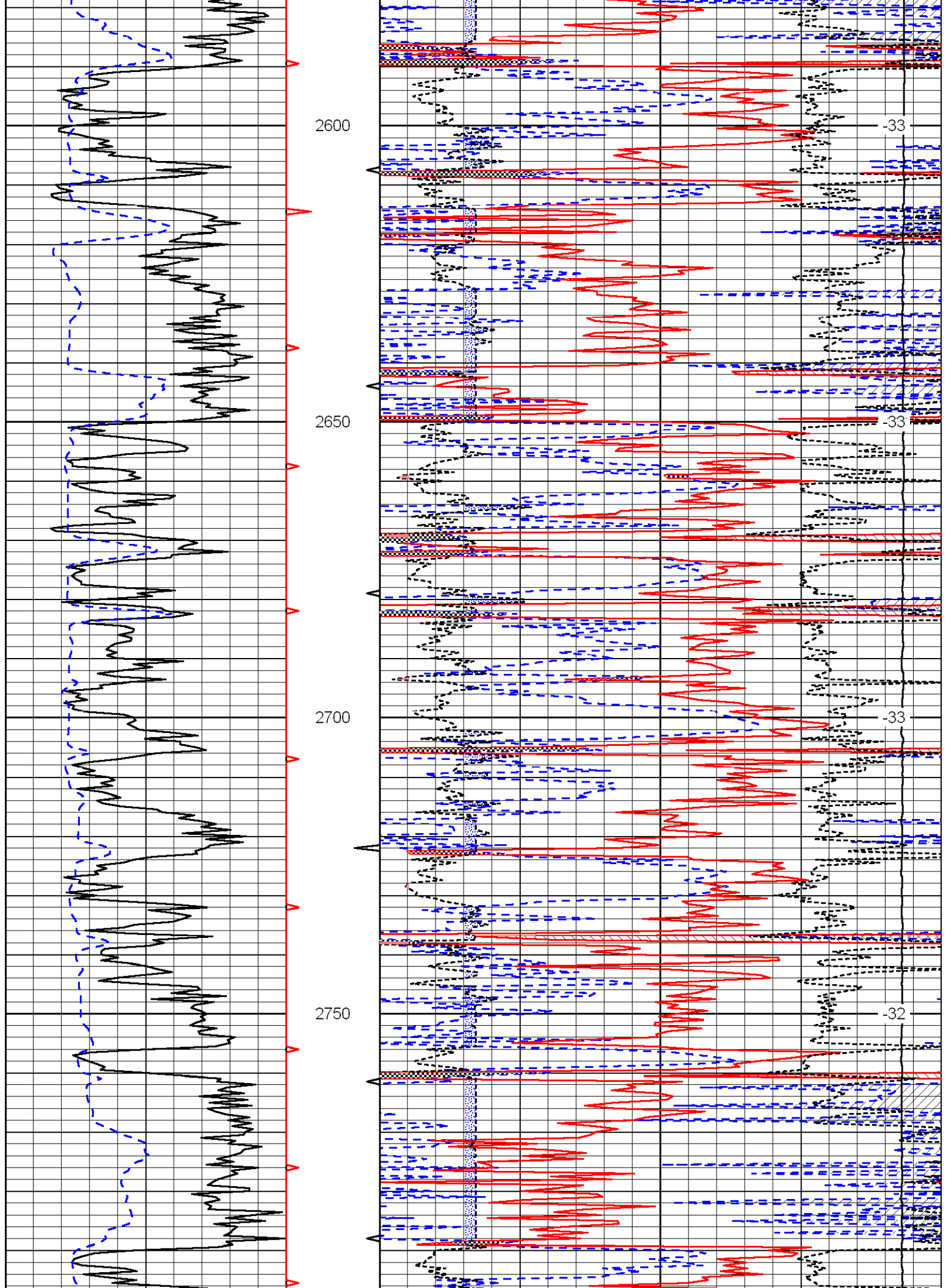


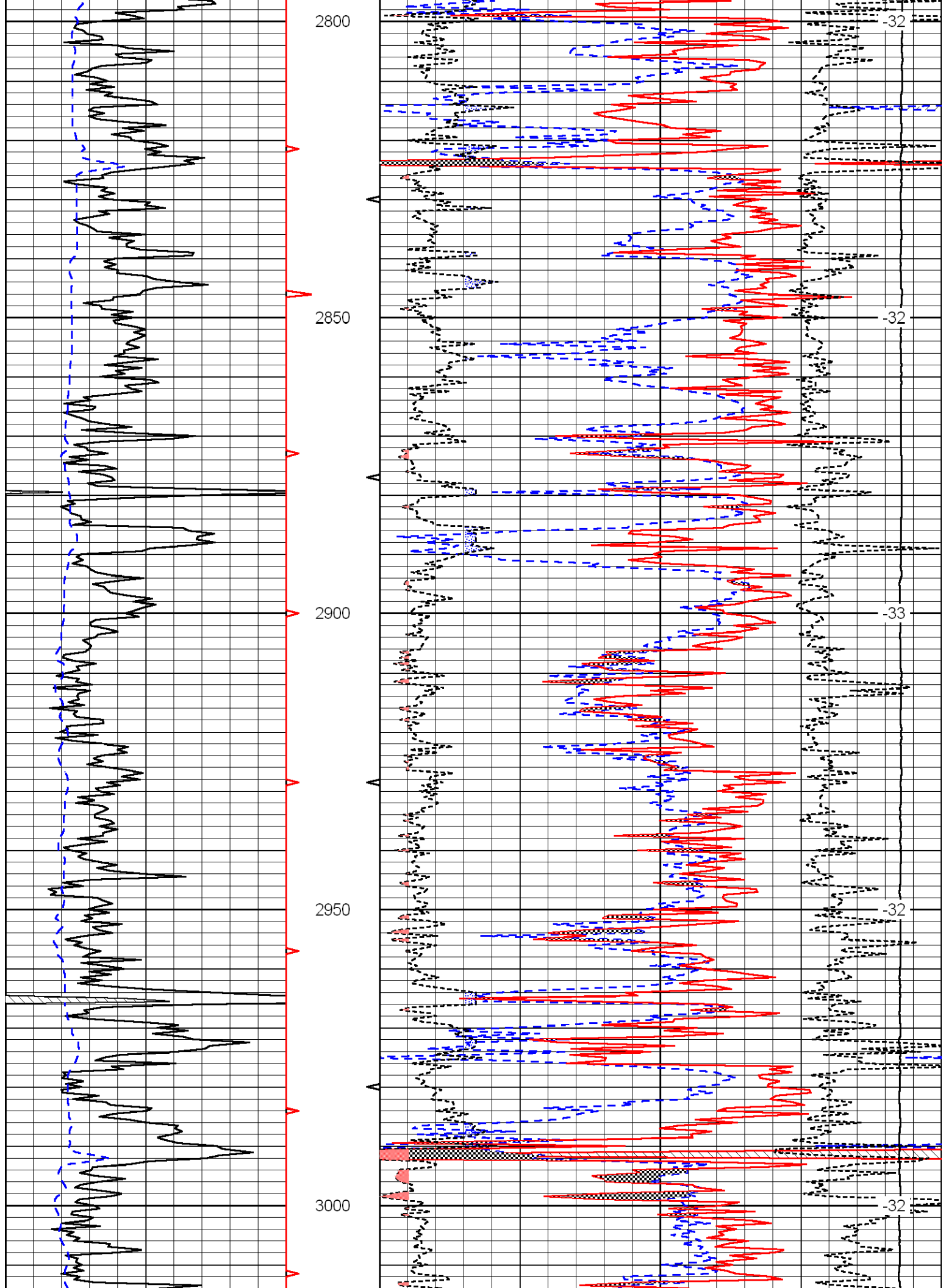


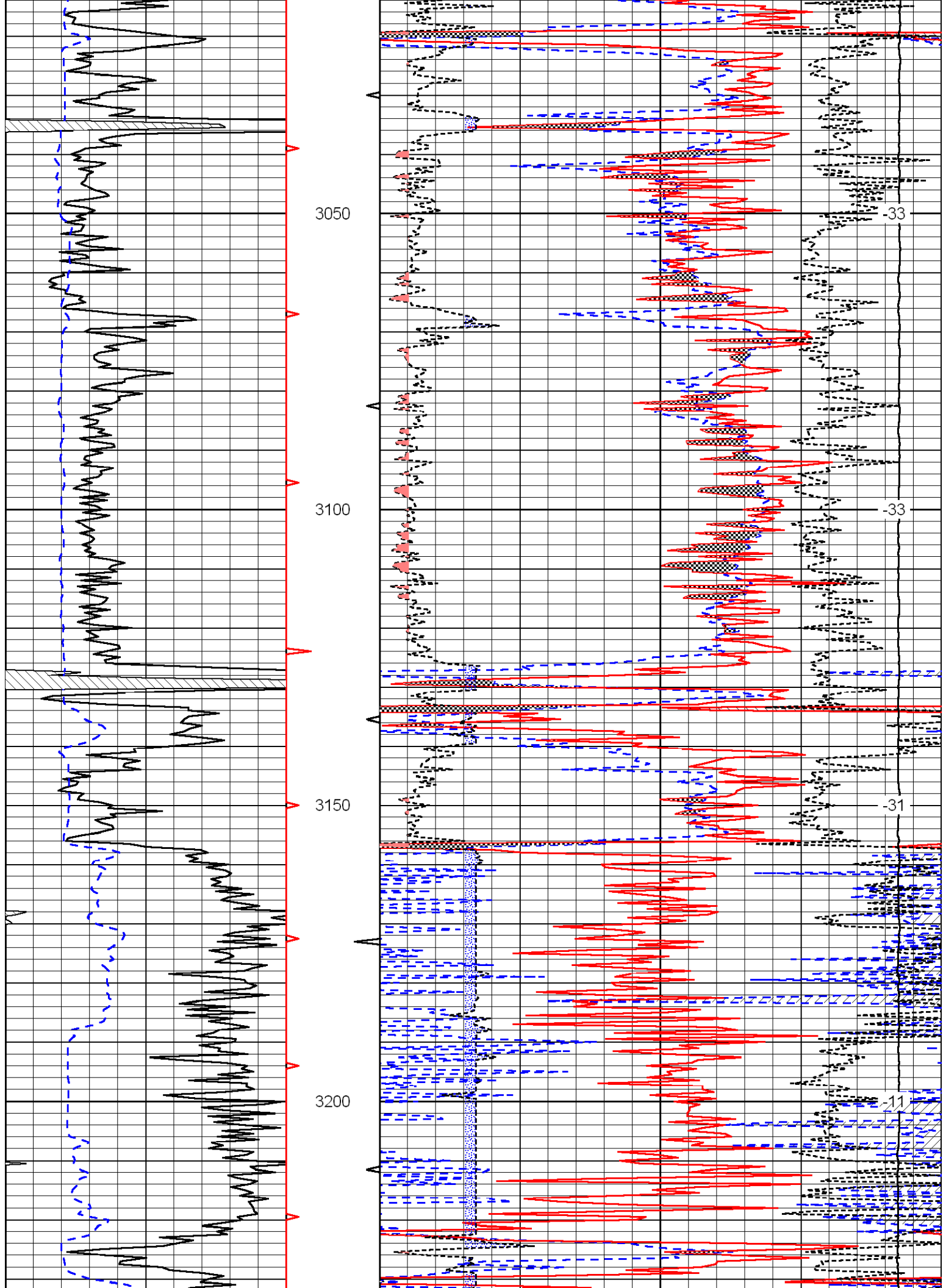


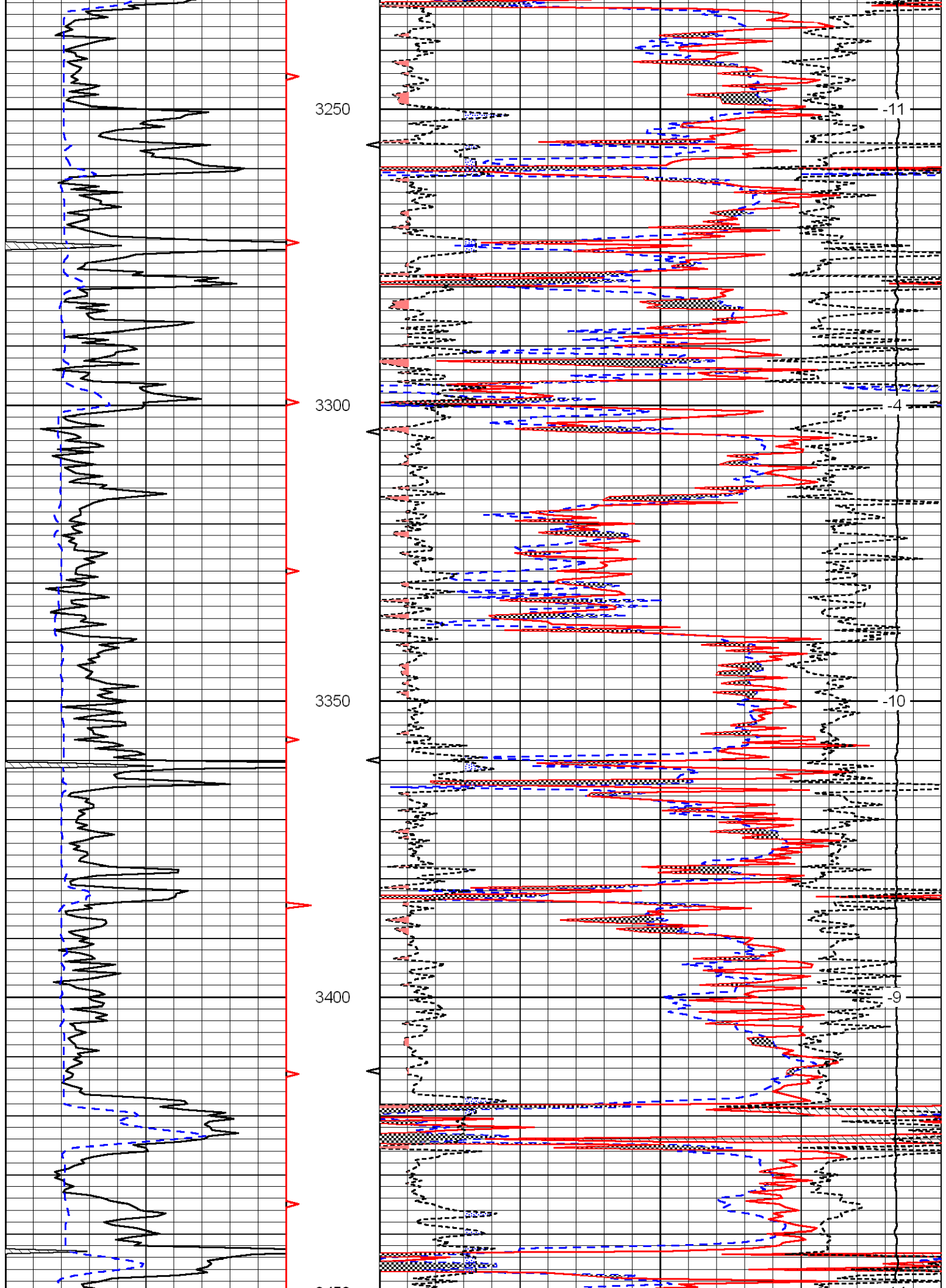


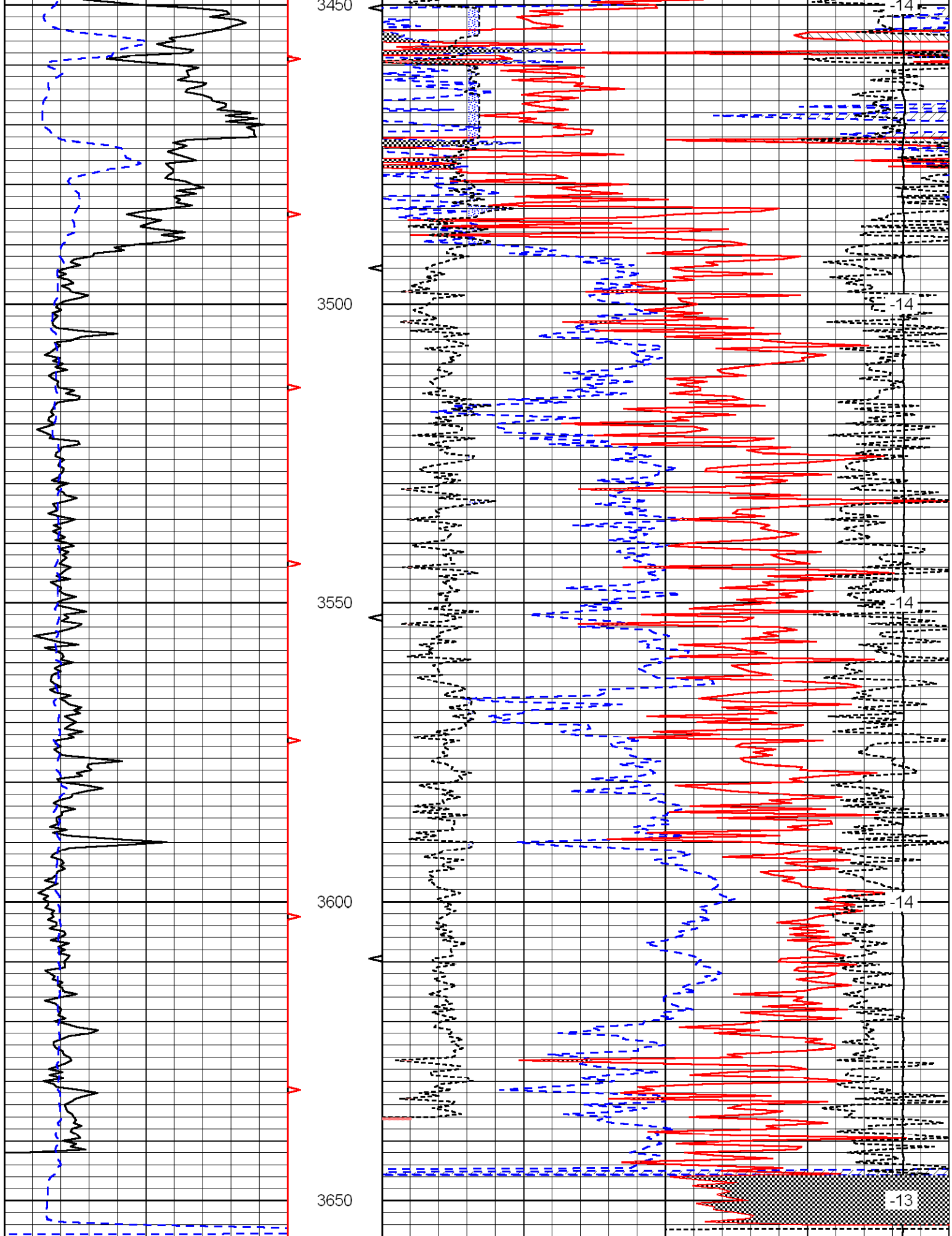












0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)	-10
			2.625	DGA	3.425
			-0.25	Correction	0.25
			15000	Line Tension	0
					LSPD



# Dolomite Matrix (2.83)

Database File: c:\warrior\data\fg holl\_ingalls no. 1-12\fghd.db  
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0	Gamma Ray	150	30	Compansated Neutron	-10
6	Caliper (GAPI)	16	30	Compensated Density	-10
			2.625	DGA	3.425
			-0.25	Correction	0.25
			15000	Line Tension	0
					LSPD

