



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-145-21,578-00-00

Company F.G. Holl Company, LLC

Well Ward Feed Yard 'B' No. 2-30

Field JAC

County Pawnee

State Kansas

Location

SW - SW - NE - NE
1260' FNL & 1100' FEL

Other Services
DIL
MEL/BHCS

Sec: 30

Twp: 21 S

Rge: 15 W

Elevation

Permanent Datum Ground Level Elevation 1959
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1967
D.F.
G.L. 1959

Date 10/21/2008

Run Number One

Type Log CNL / CDL

Depth Driller 4050

Depth Logger 4052

Bottom Logged Interval 4031

Top Logged Interval 1850

Type Fluid In Hole Chemical

Salinity, PPM CL 10,000

Density 9.1

Level Full

Max. Rec. Temp. F 117

Operating Rig Time 6 Hours

Equipment -- Location 15 Hays

Recorded By B. Becker

Witnessed By

Borehole Record

Casing Record

Run No Bit From To Size Wgt. To

1 12.25 00 948 8.625 24# 00 948

2 7.875 948 4050

<<< Fold Here >>>

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

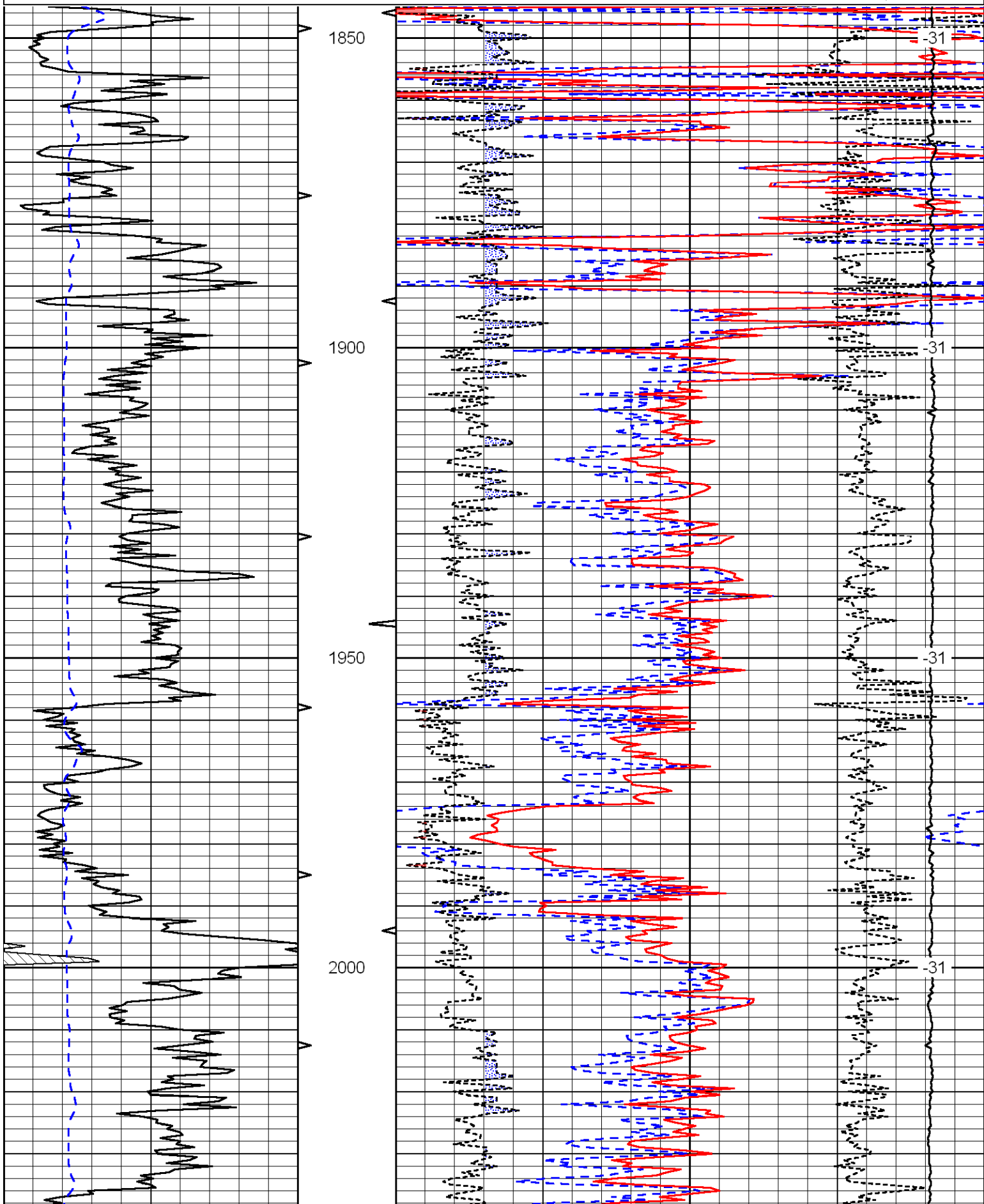
Thank you for using Log-Tech, Inc.
(785) 625-3858

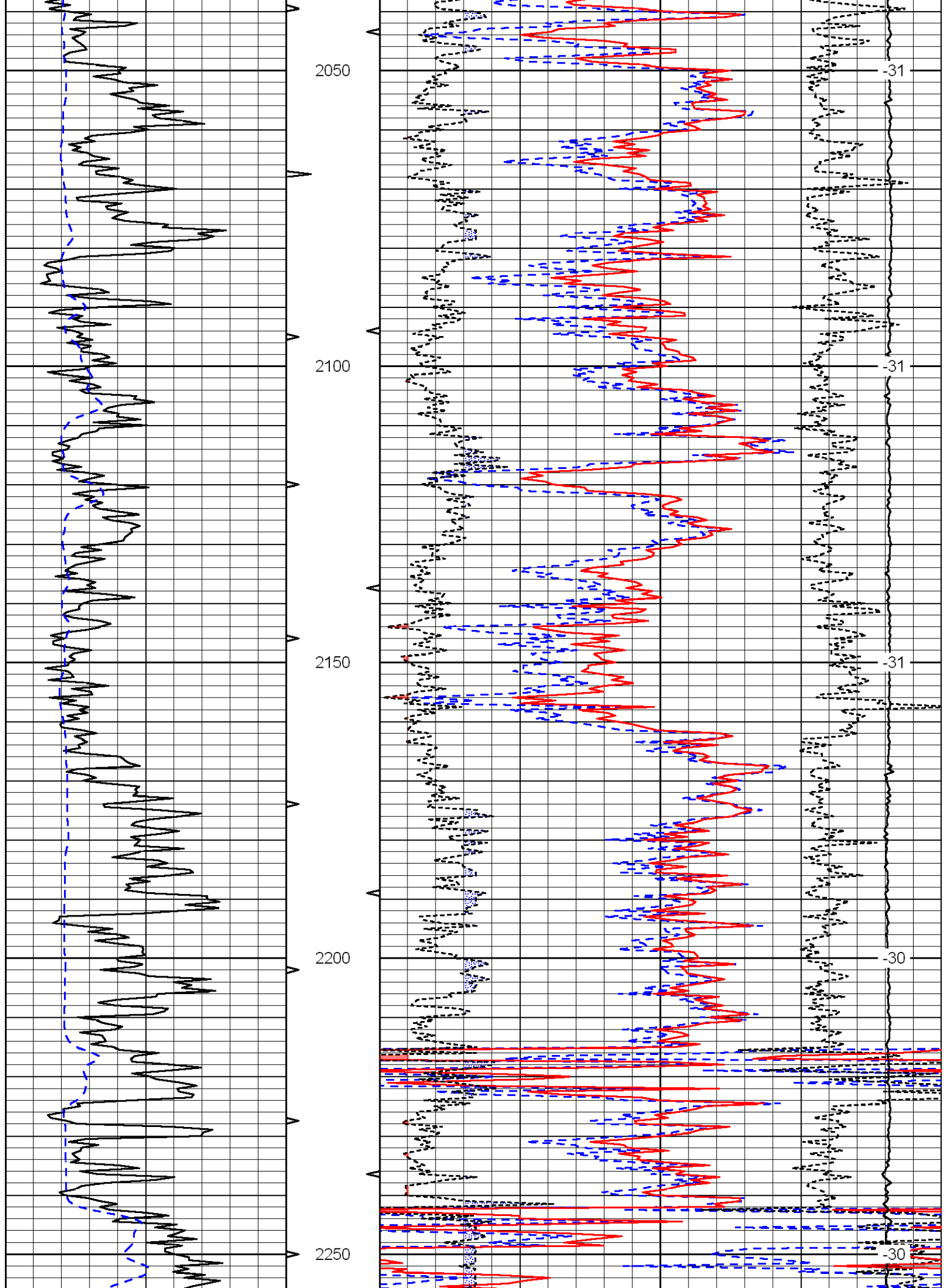
Pawnee Rock, Ks; South West on 56 Hwy to O Rd; 3 East; South into

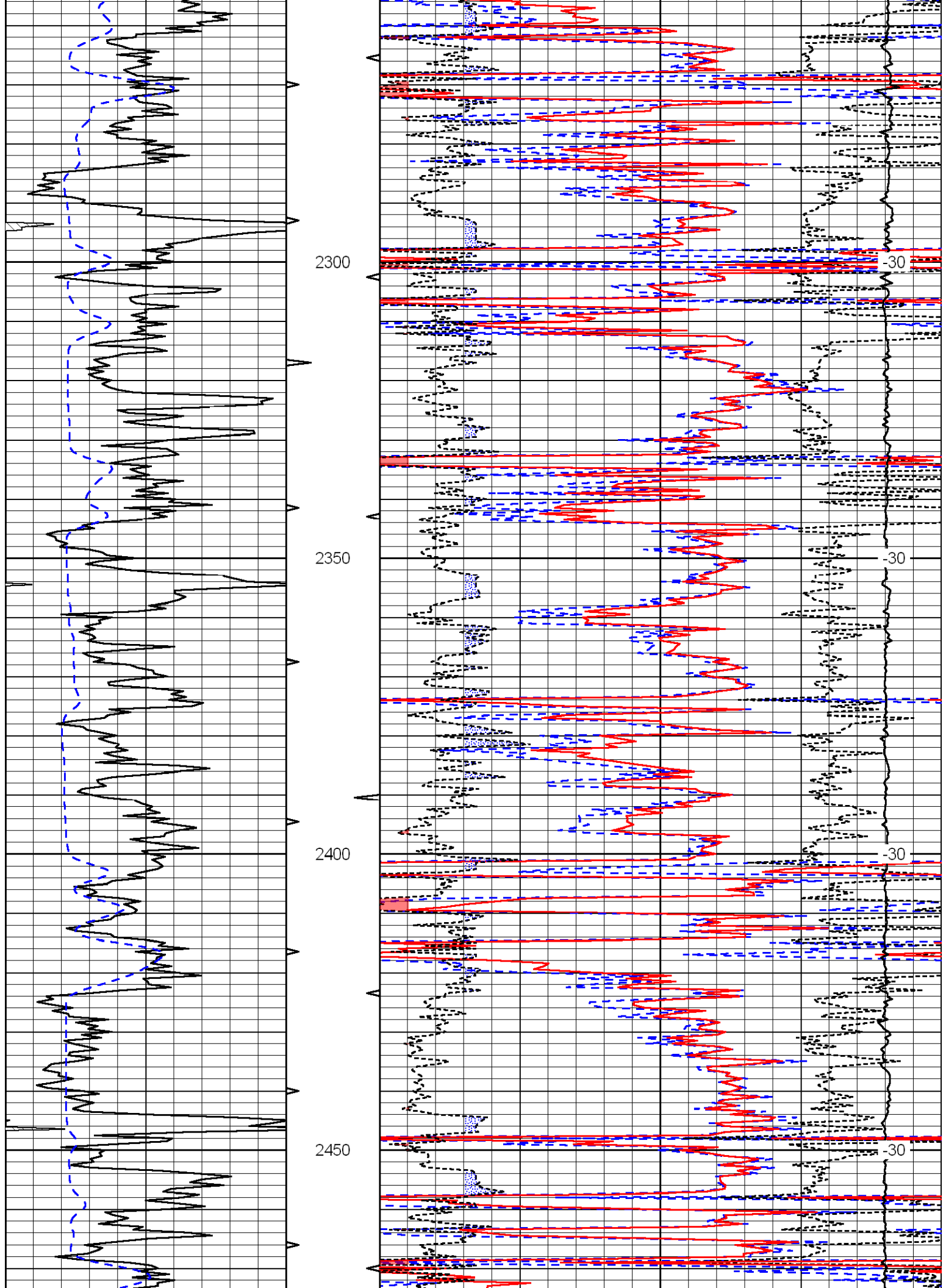
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Dataset Creation: Tue Oct 21 18:59:42 2008
Charted by: Depth in Feet scaled 1:240

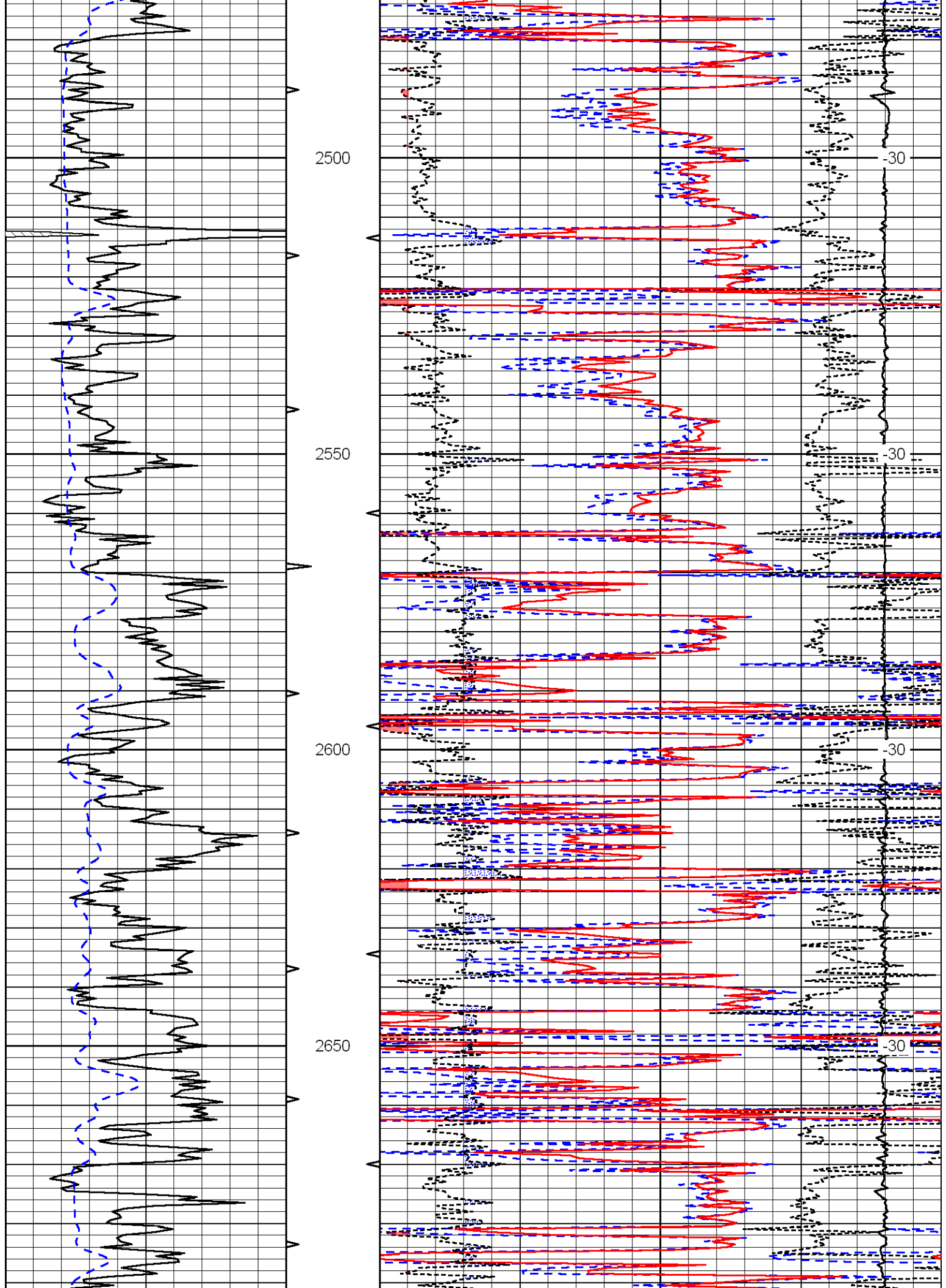
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6	Caliper (GAPI)	16

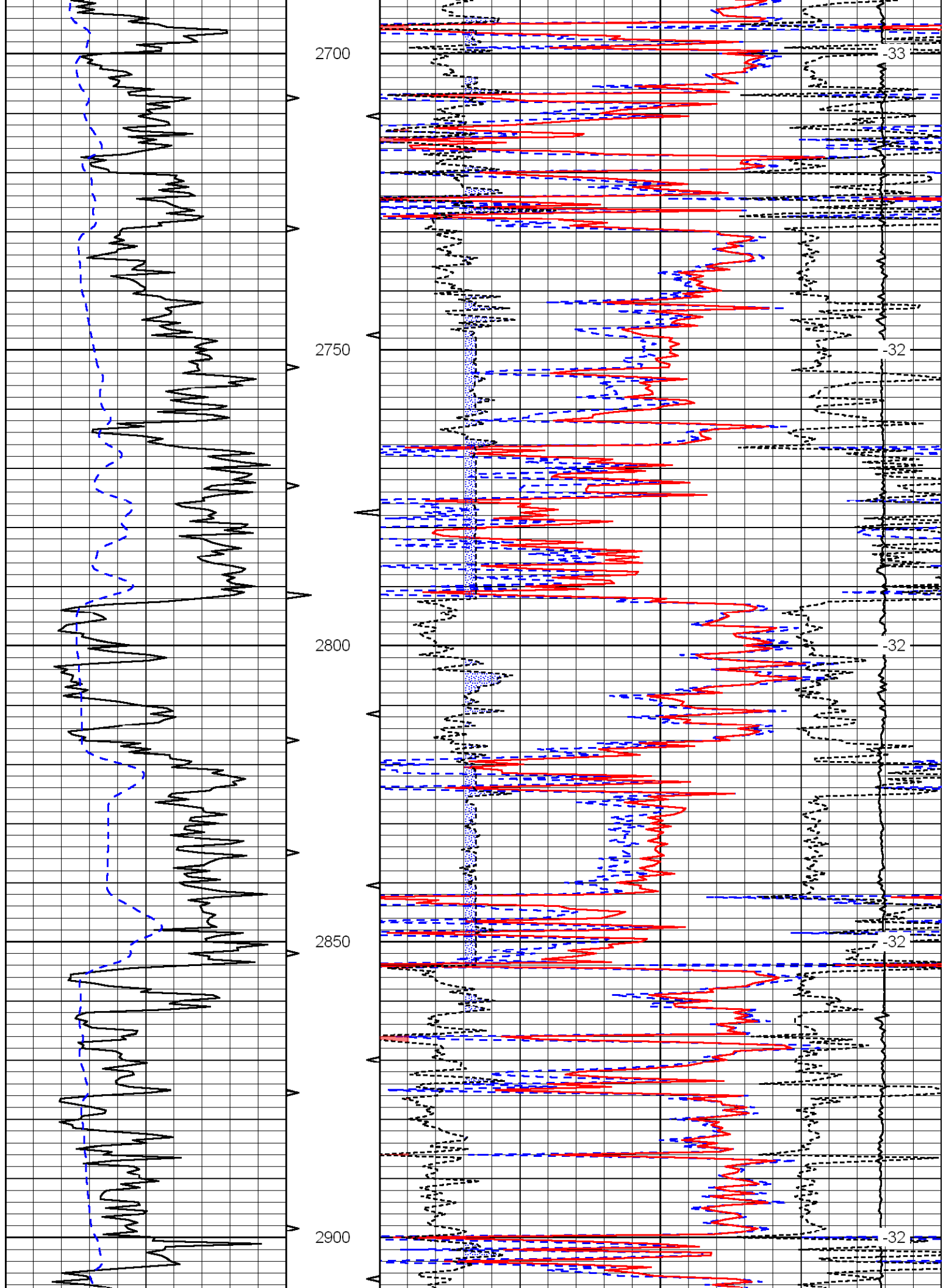
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

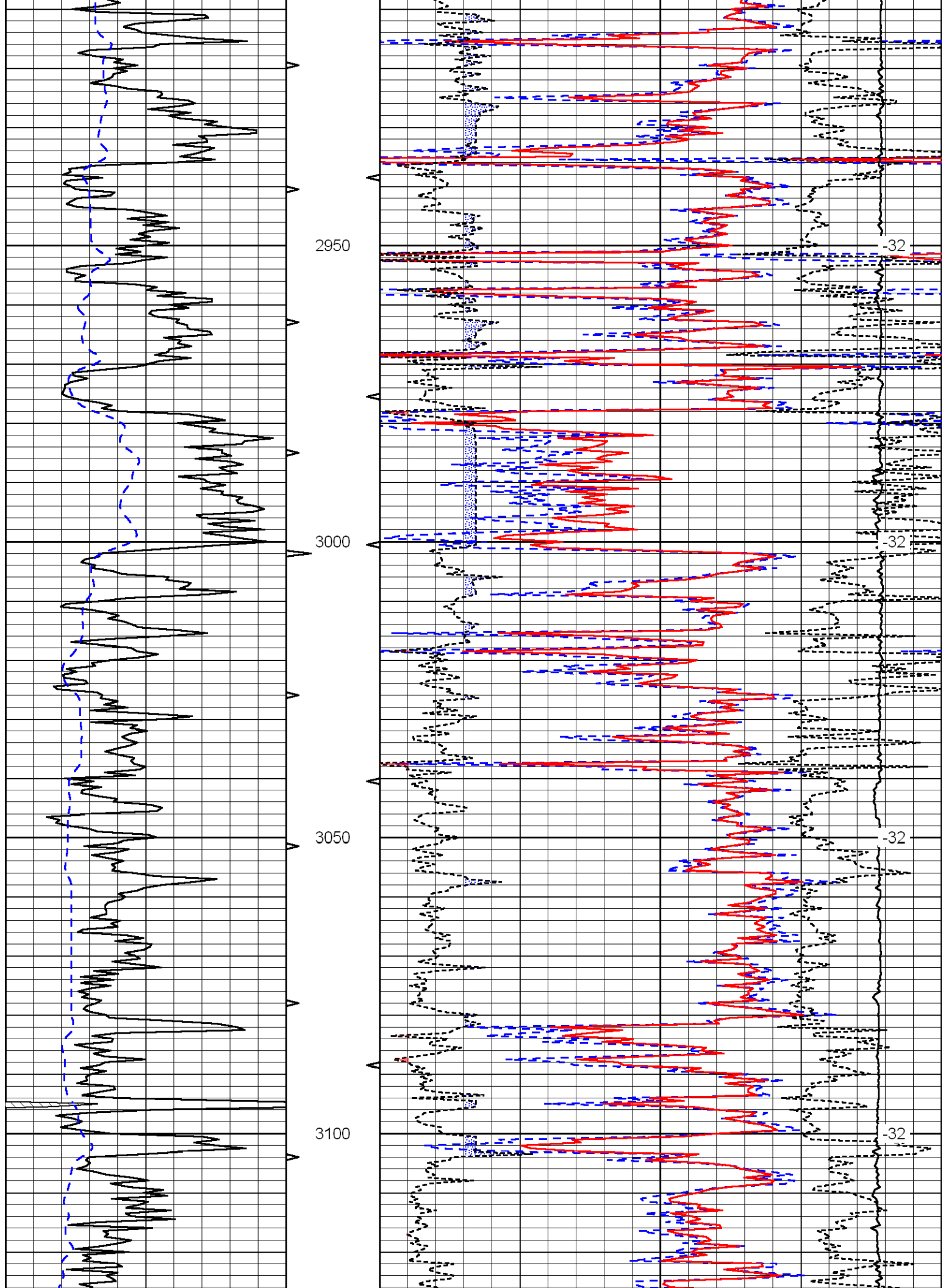


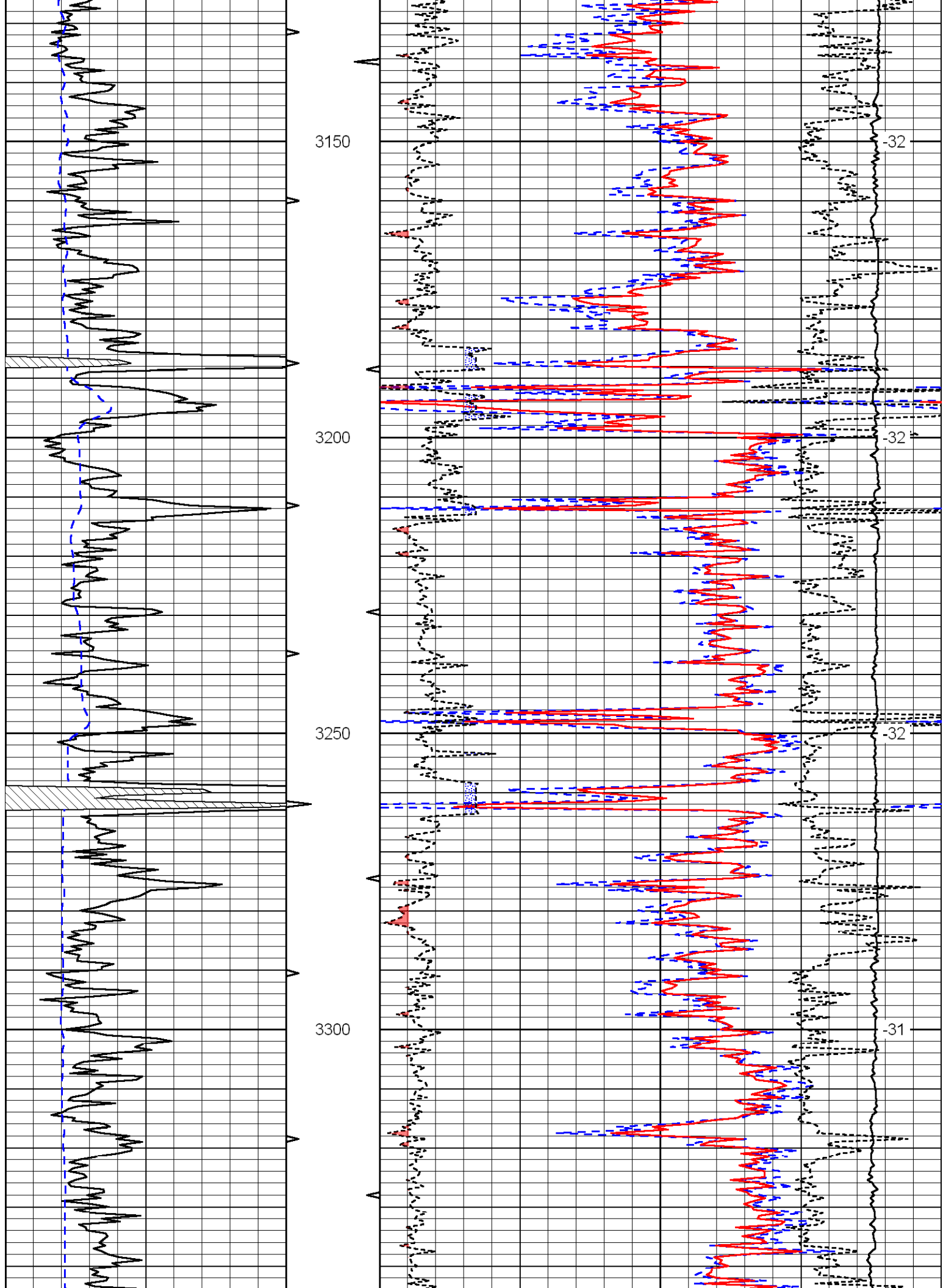


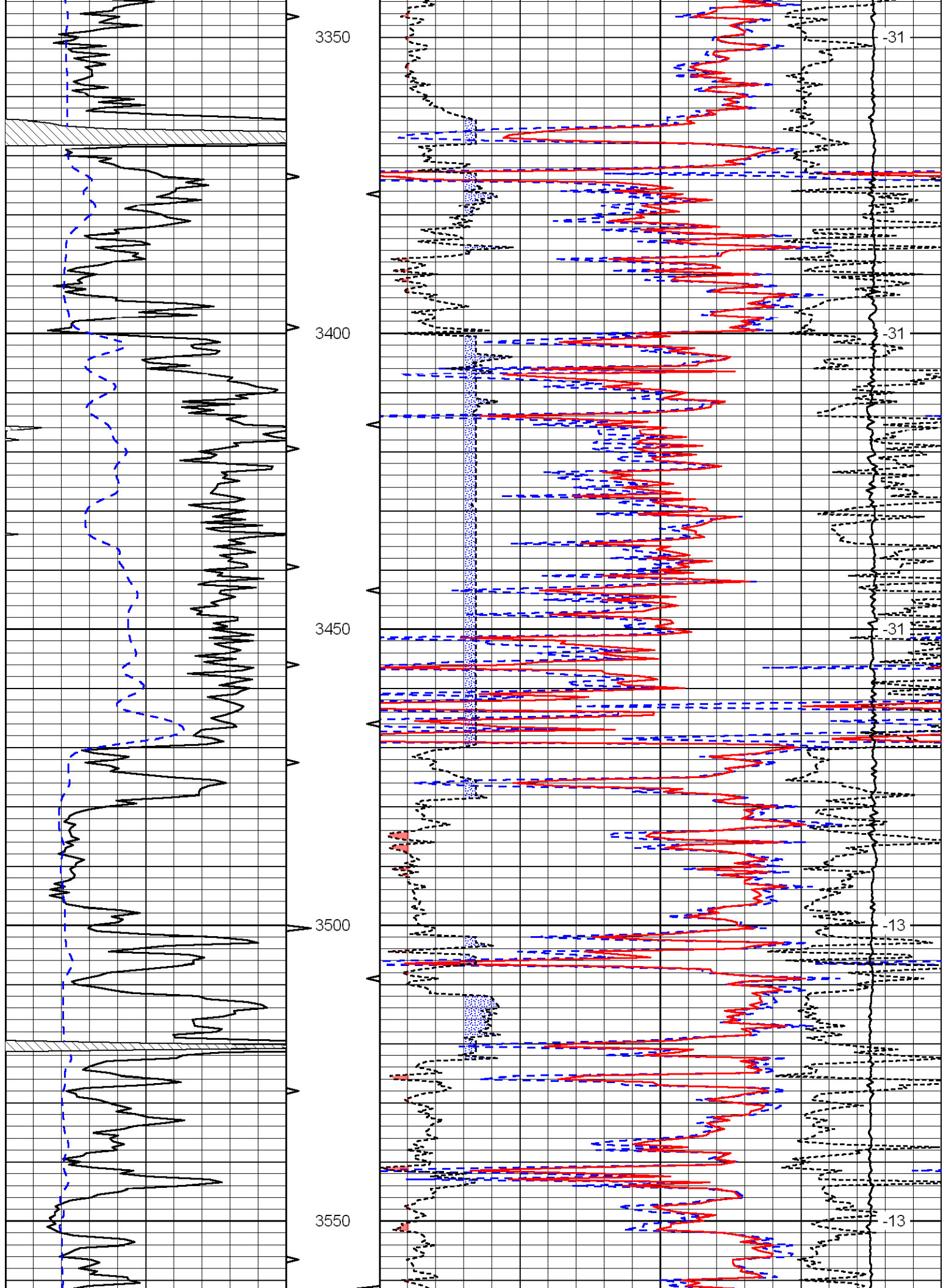


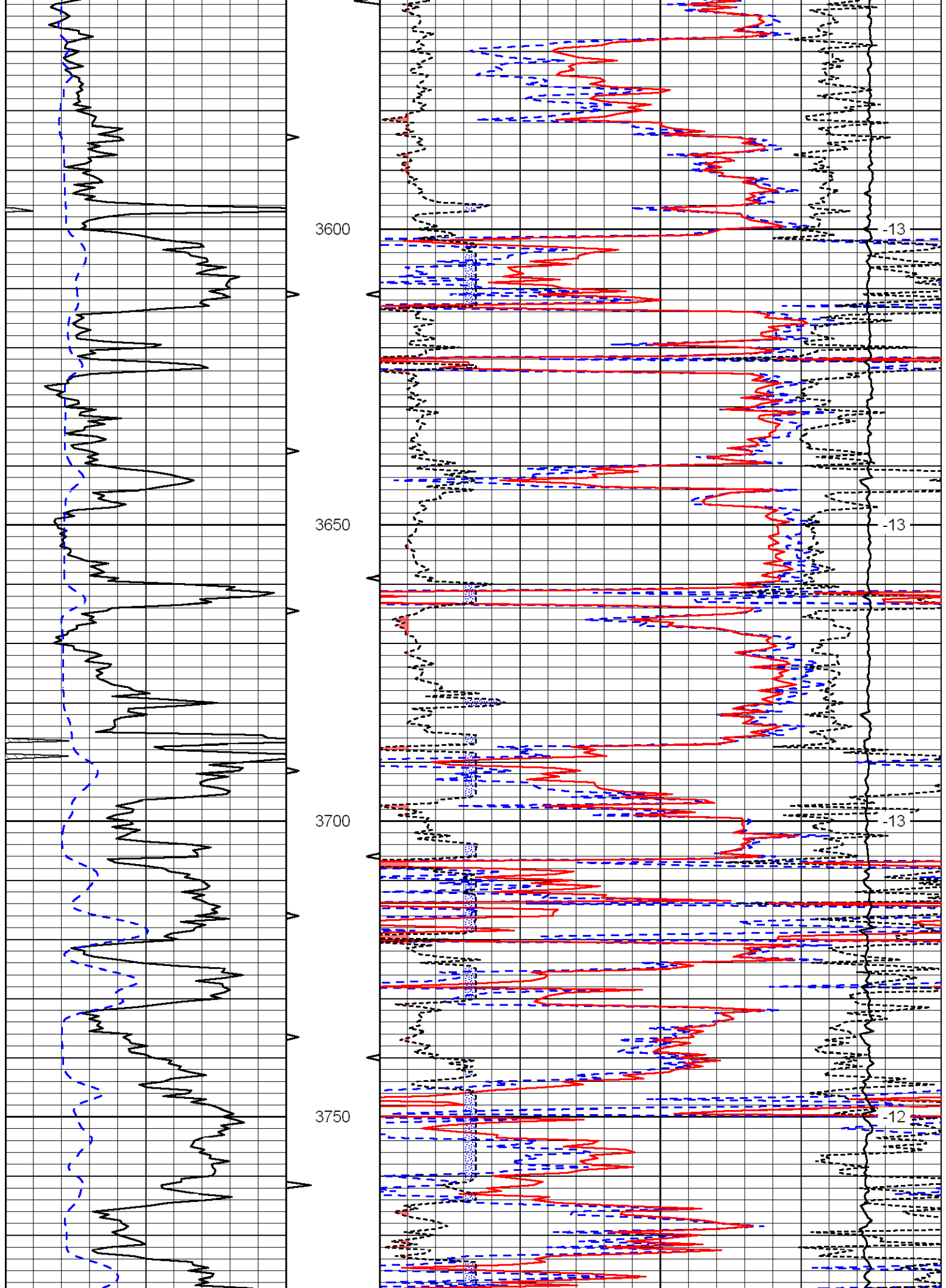


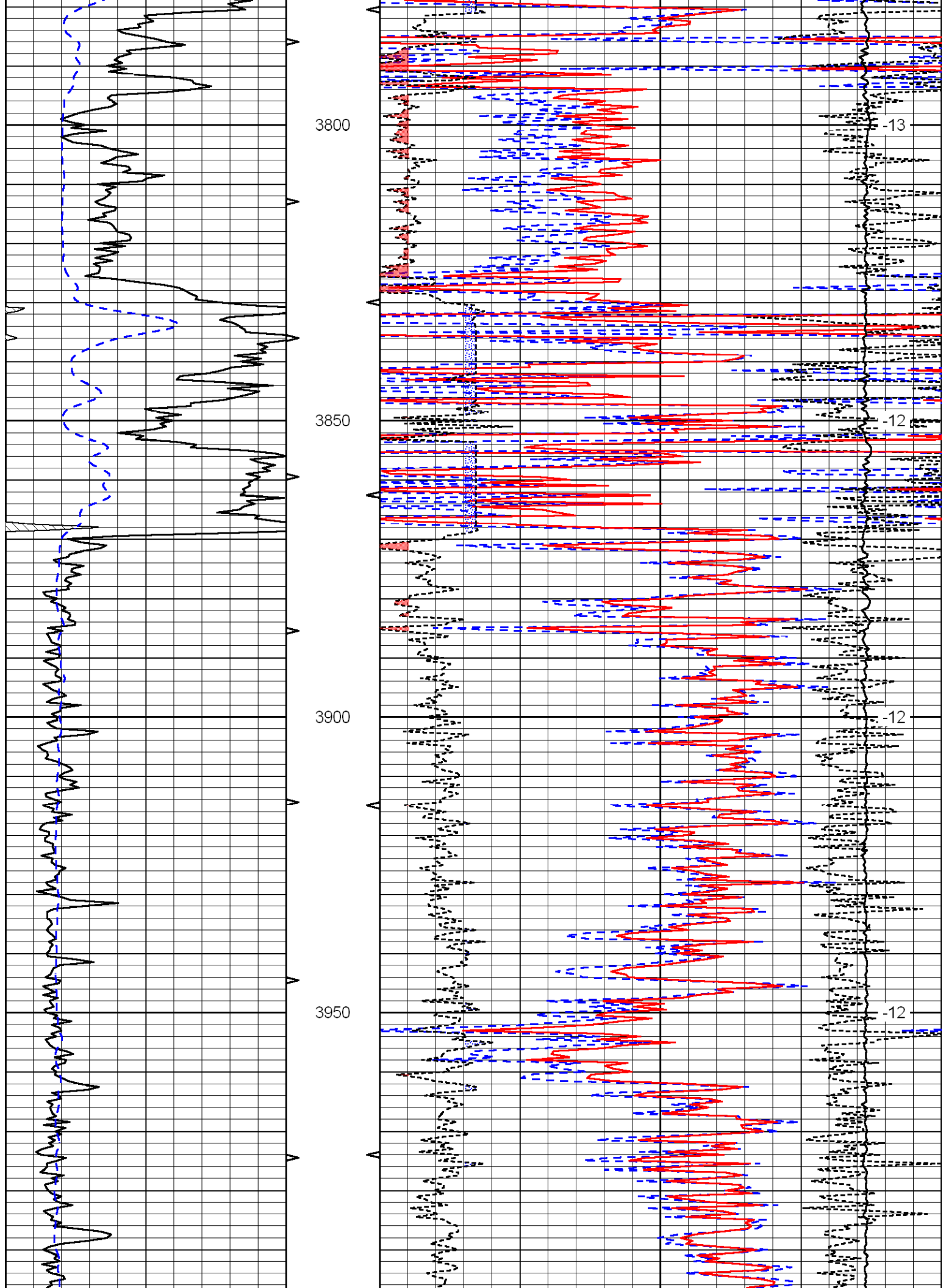


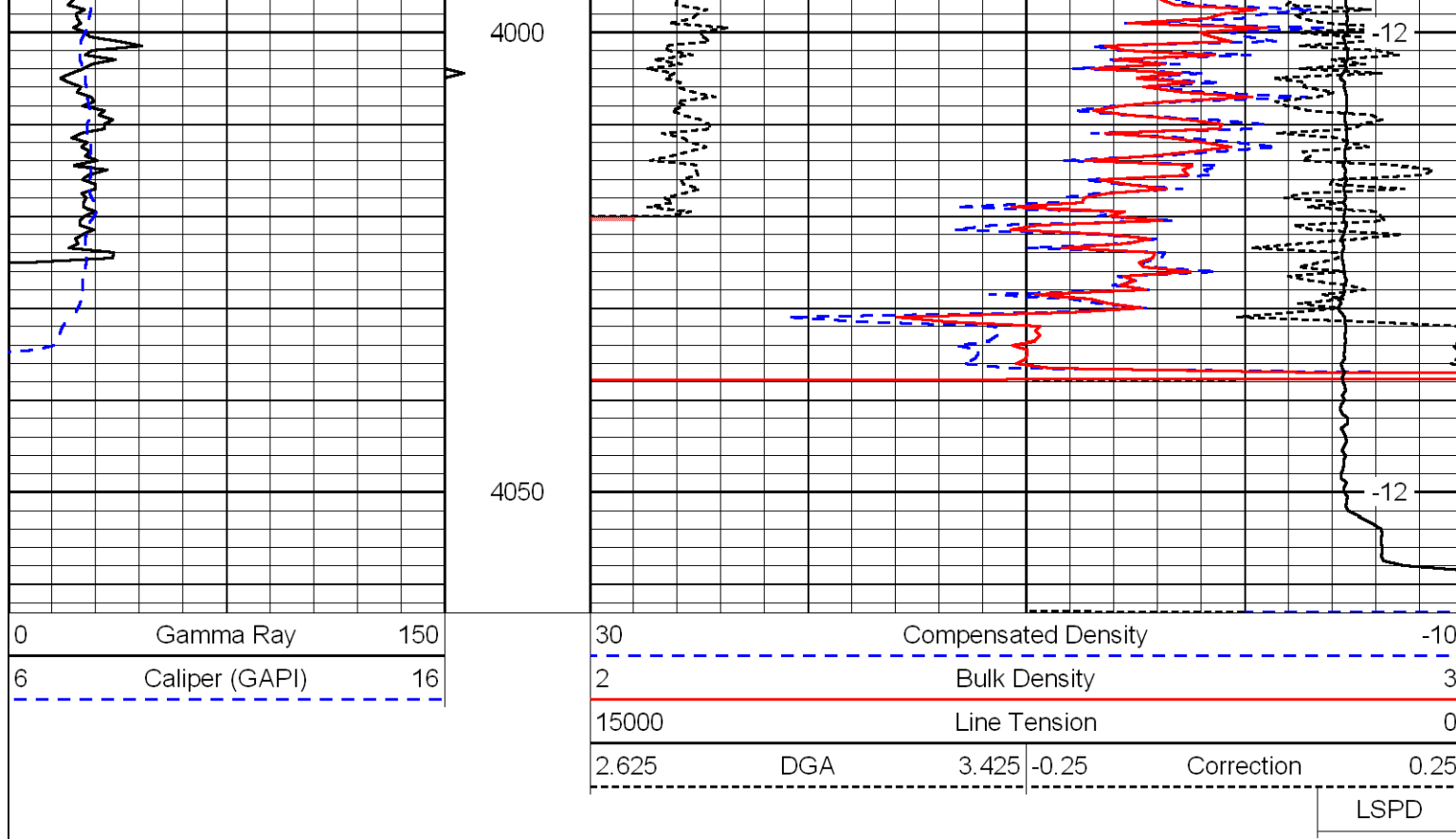








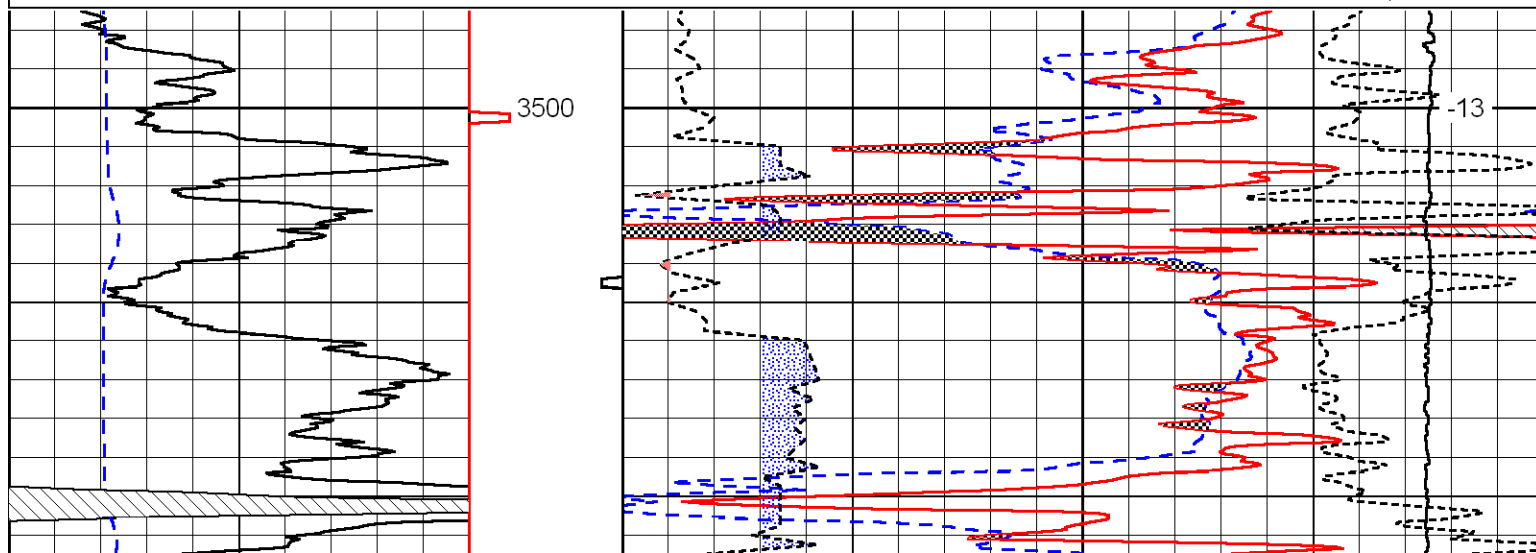
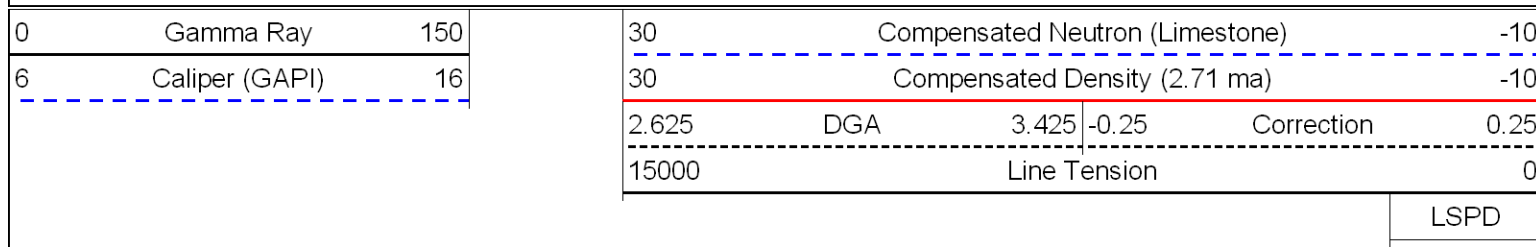


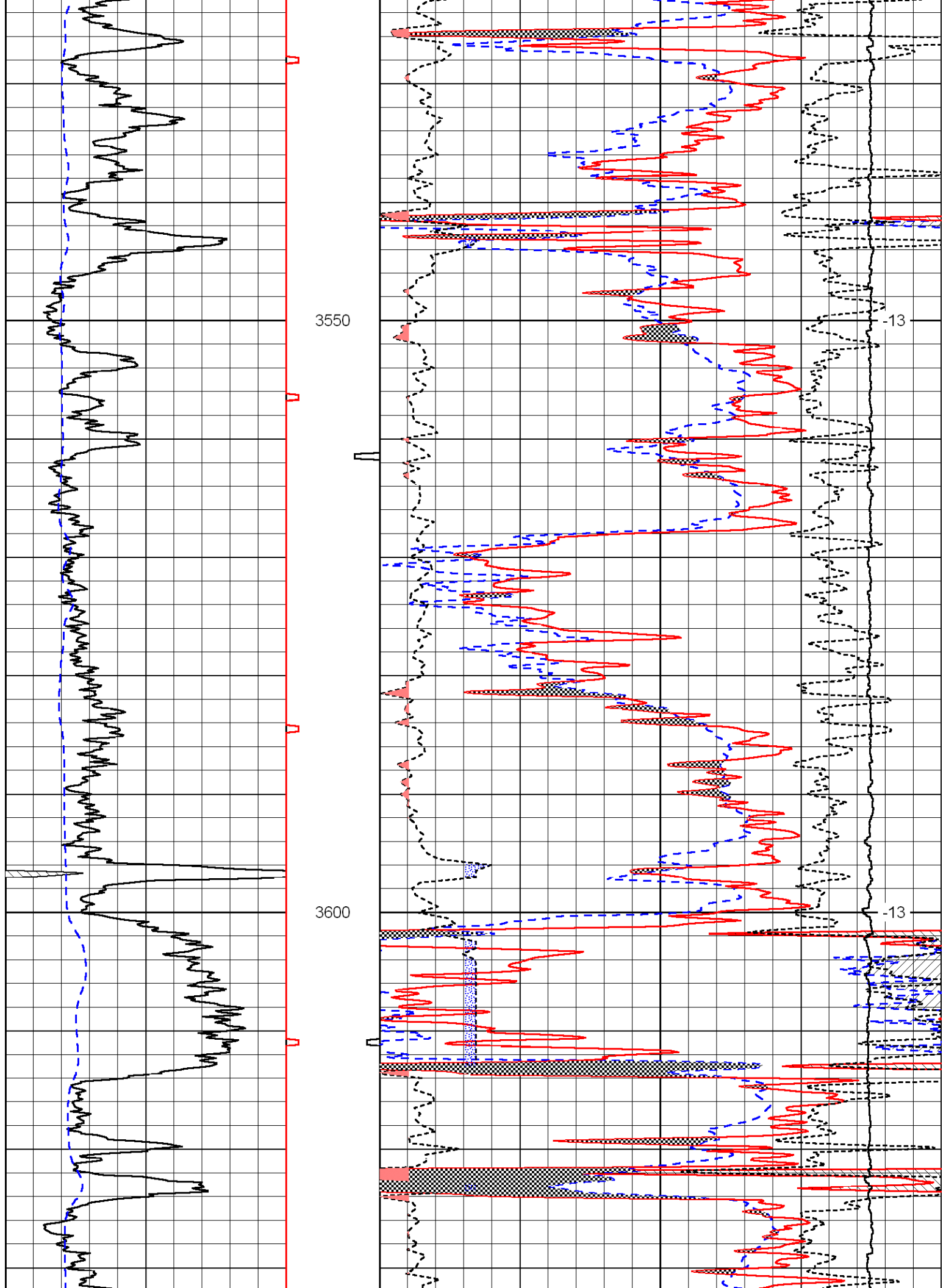


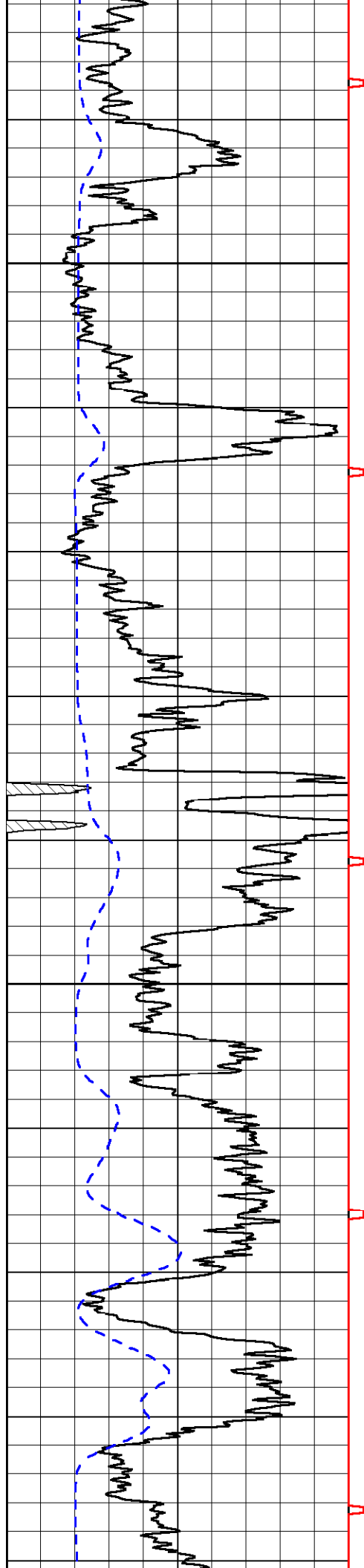
LOG-TECH

High Resolution

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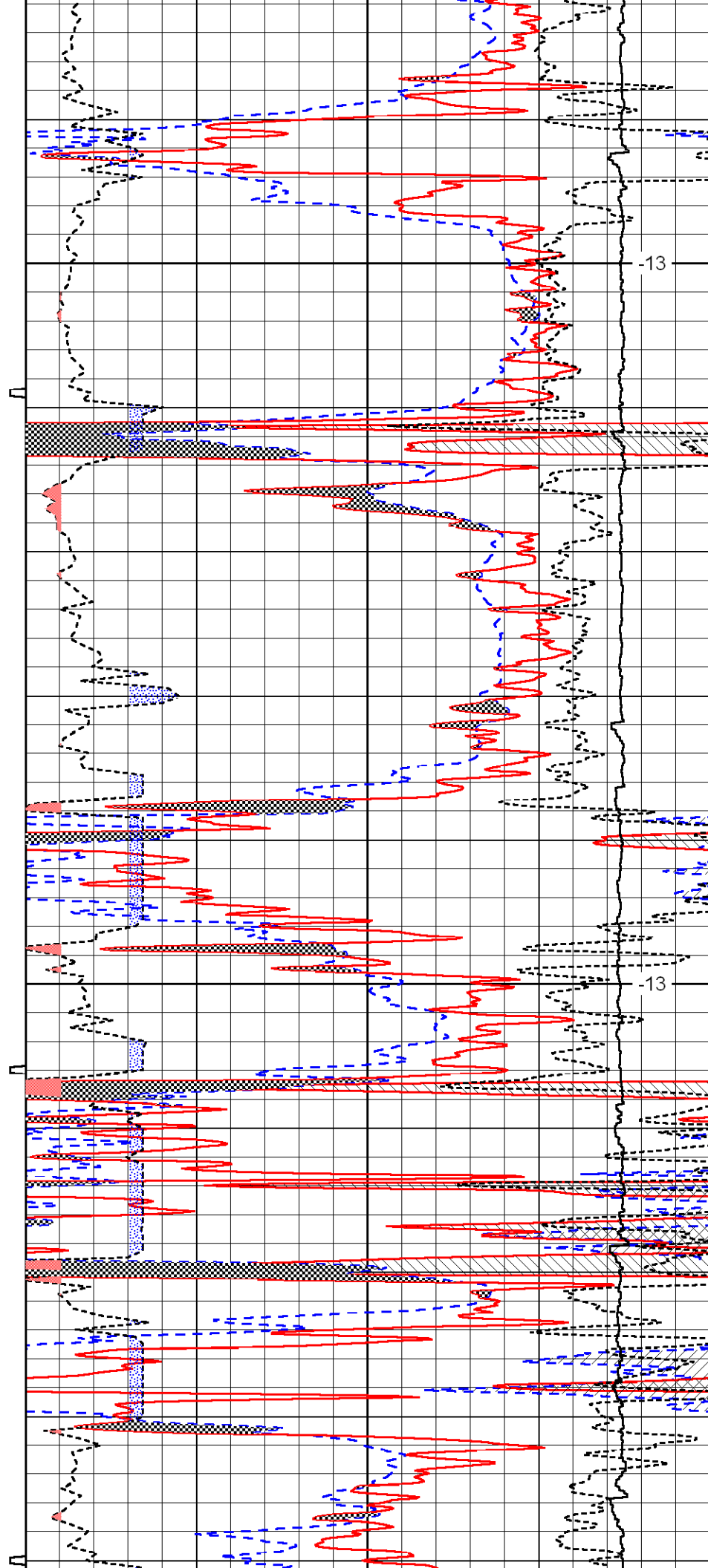






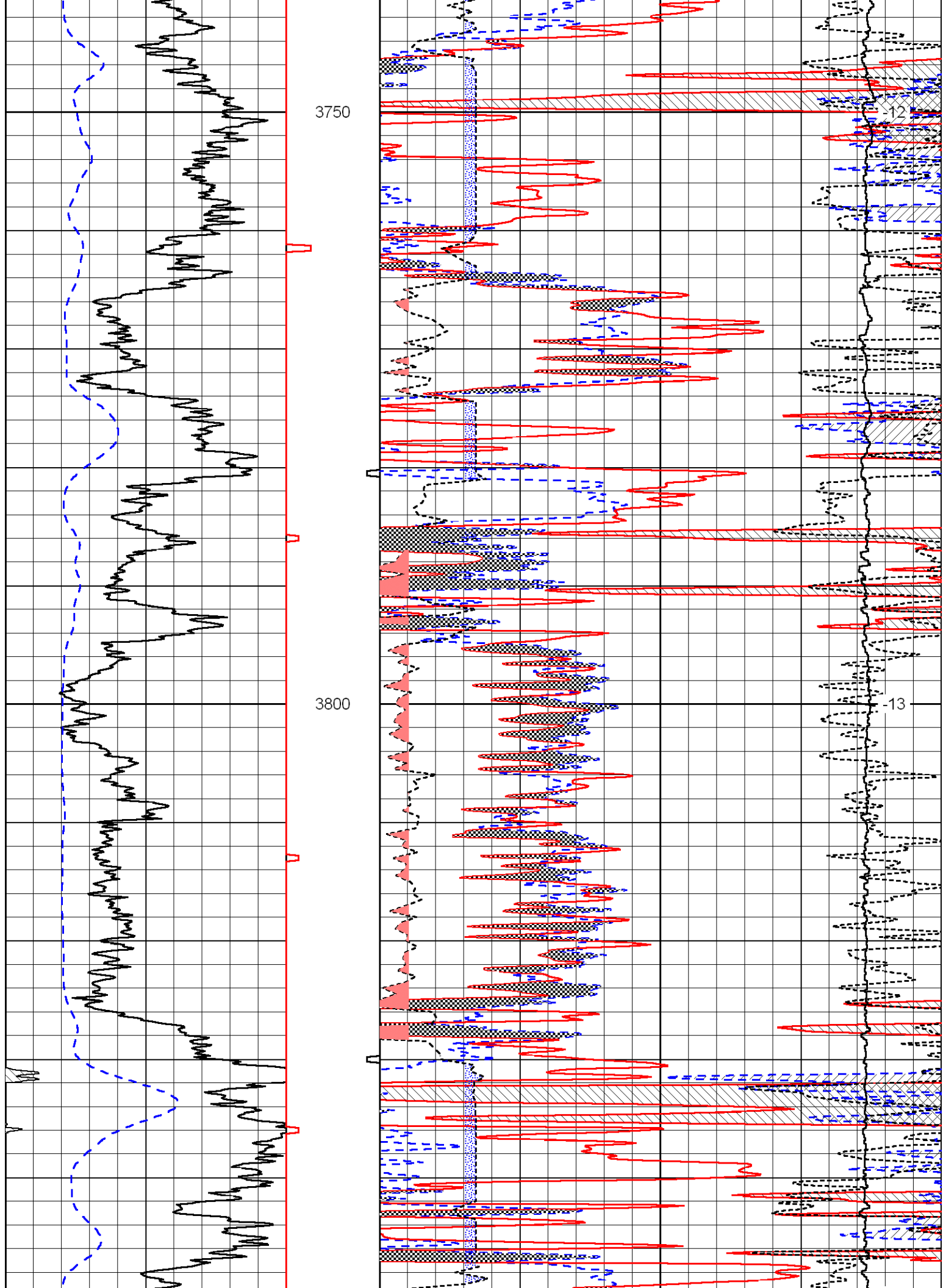
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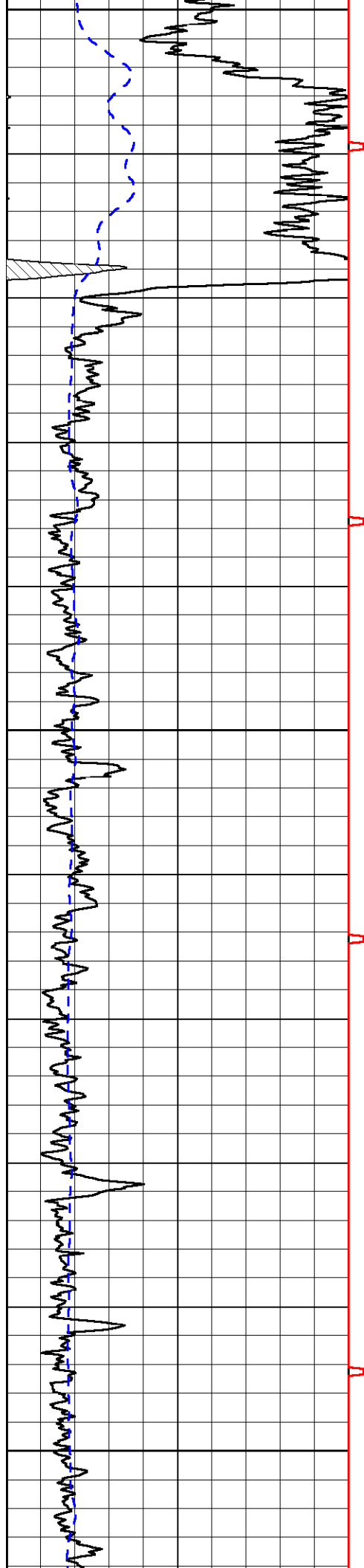
3700



-13

-13

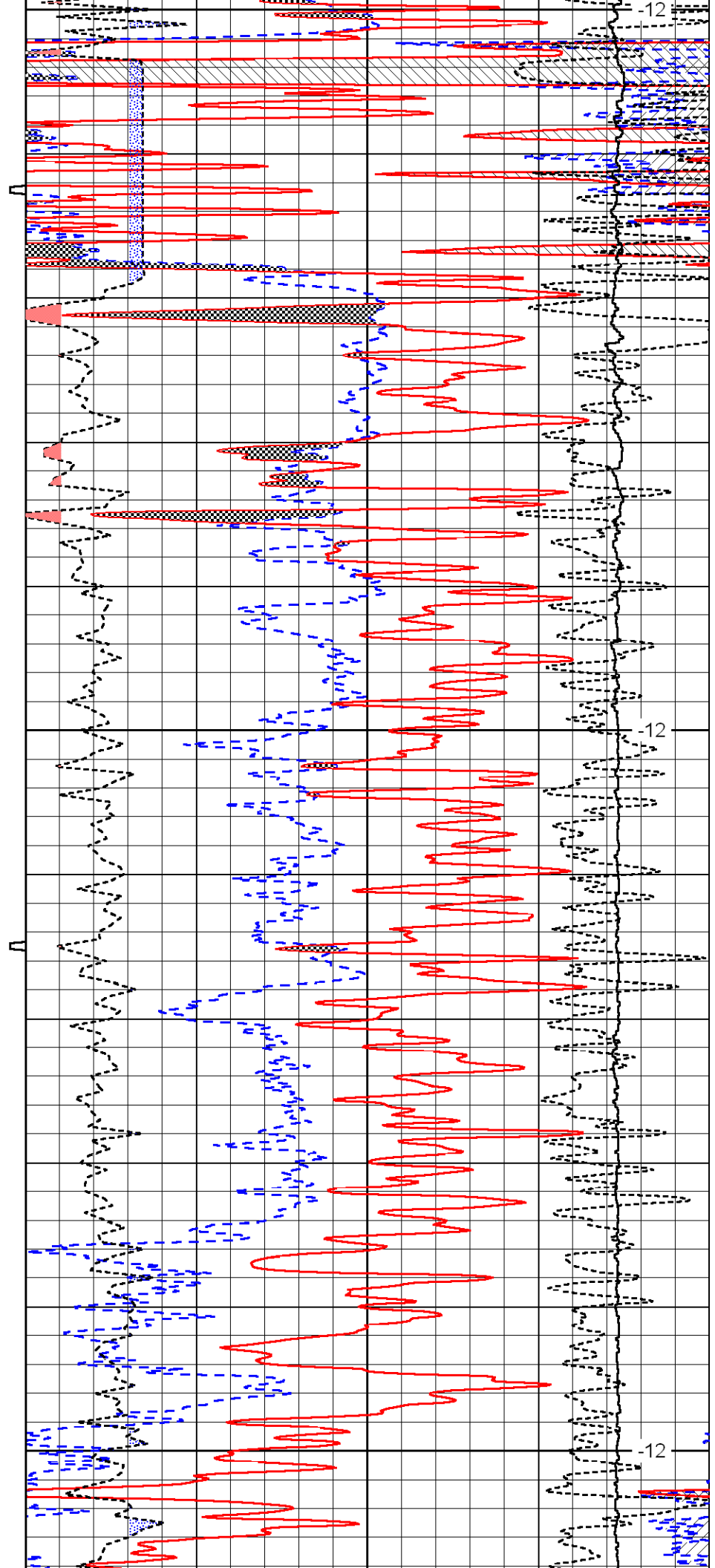




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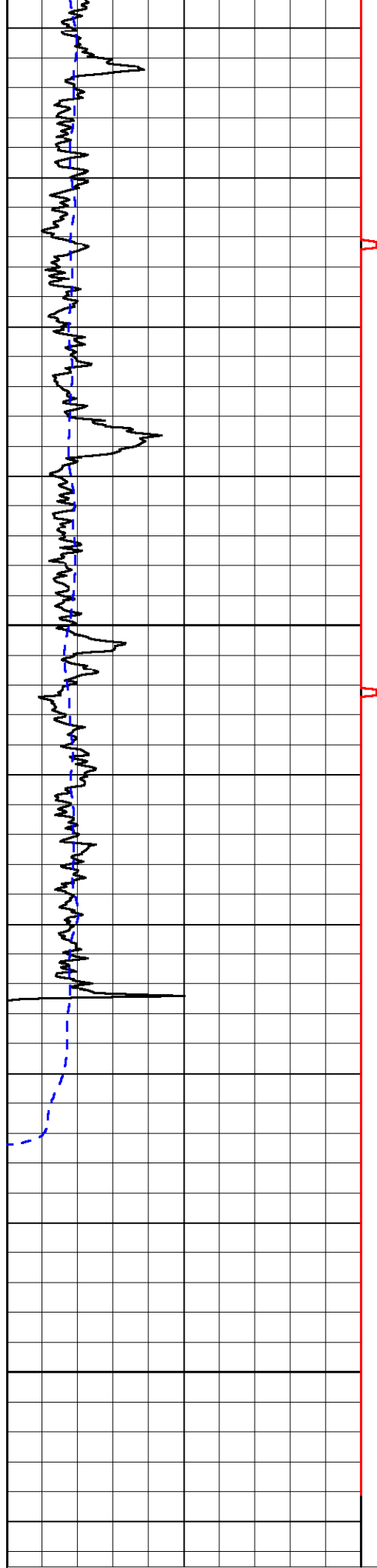
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12

12

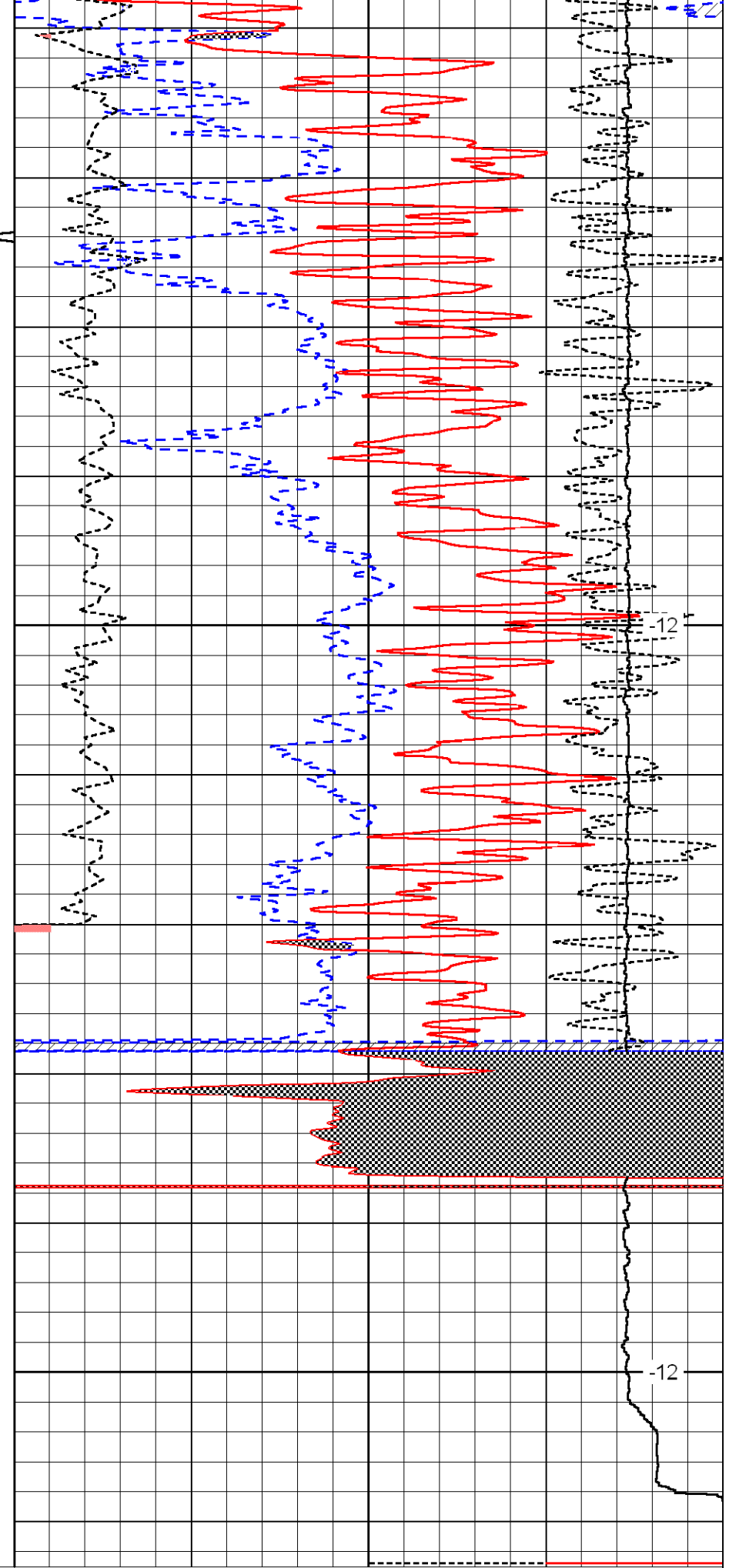
12



0 Gamma Ray 150
6 Caliper (GAPI) 16

4000

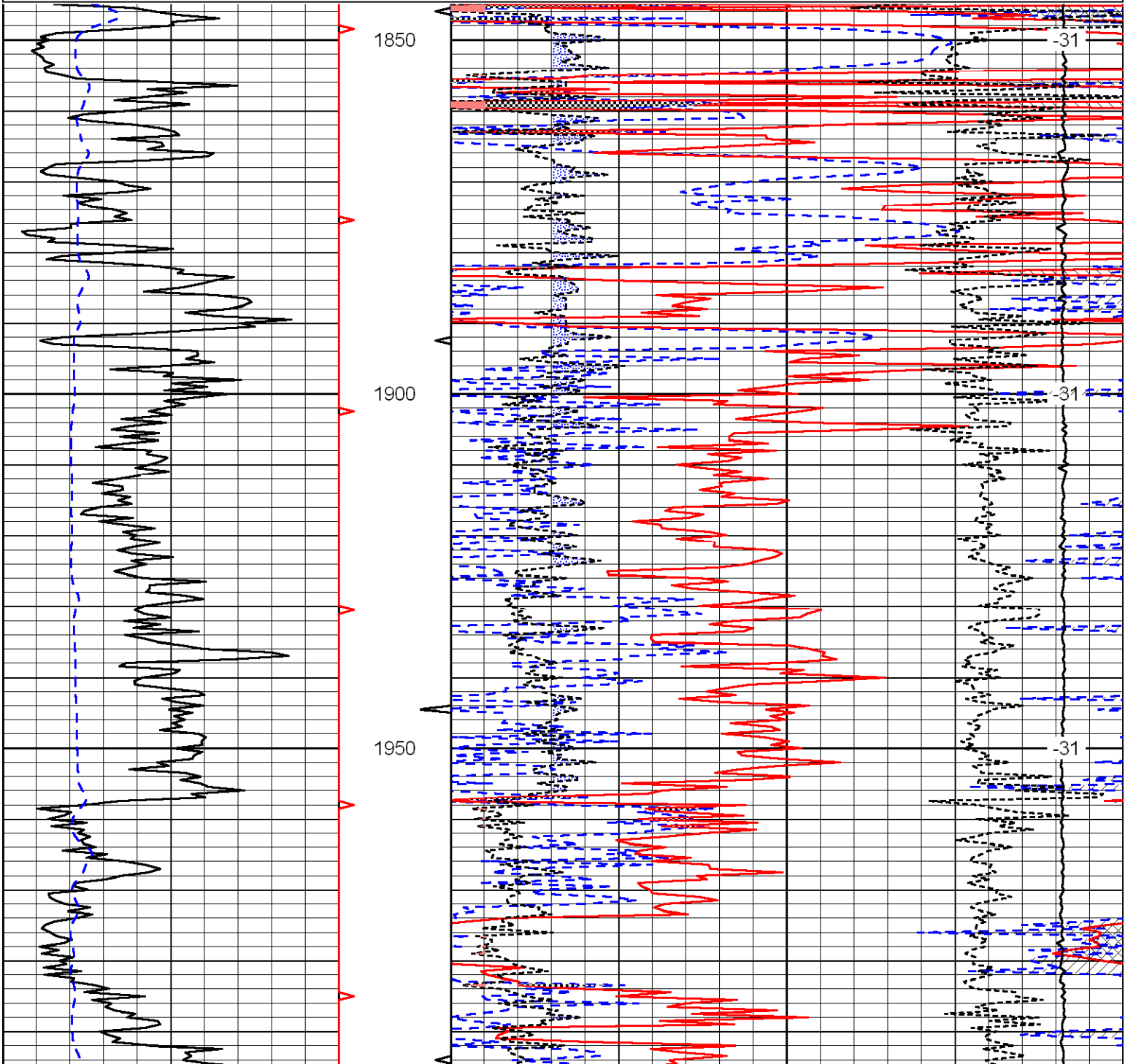
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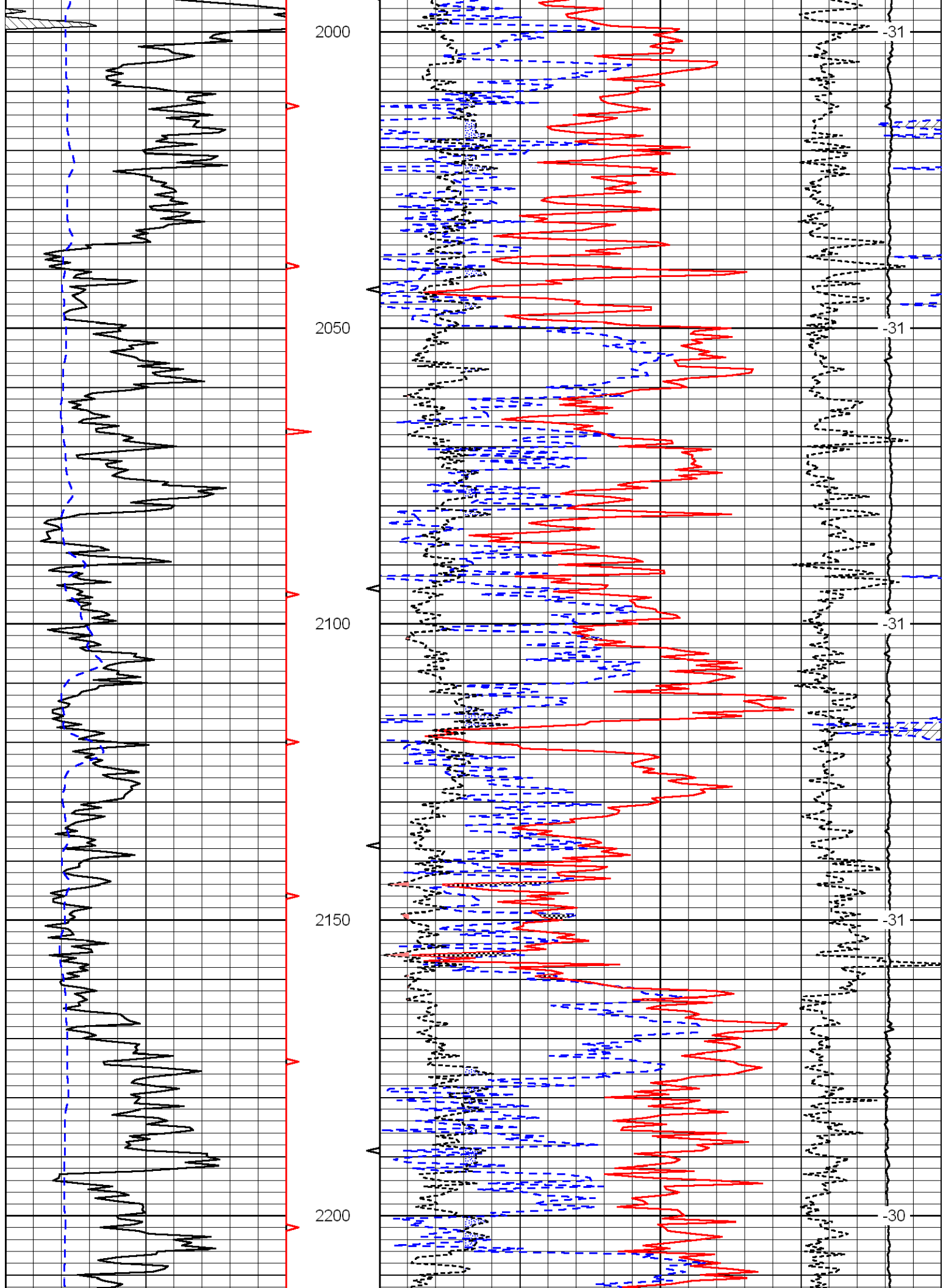


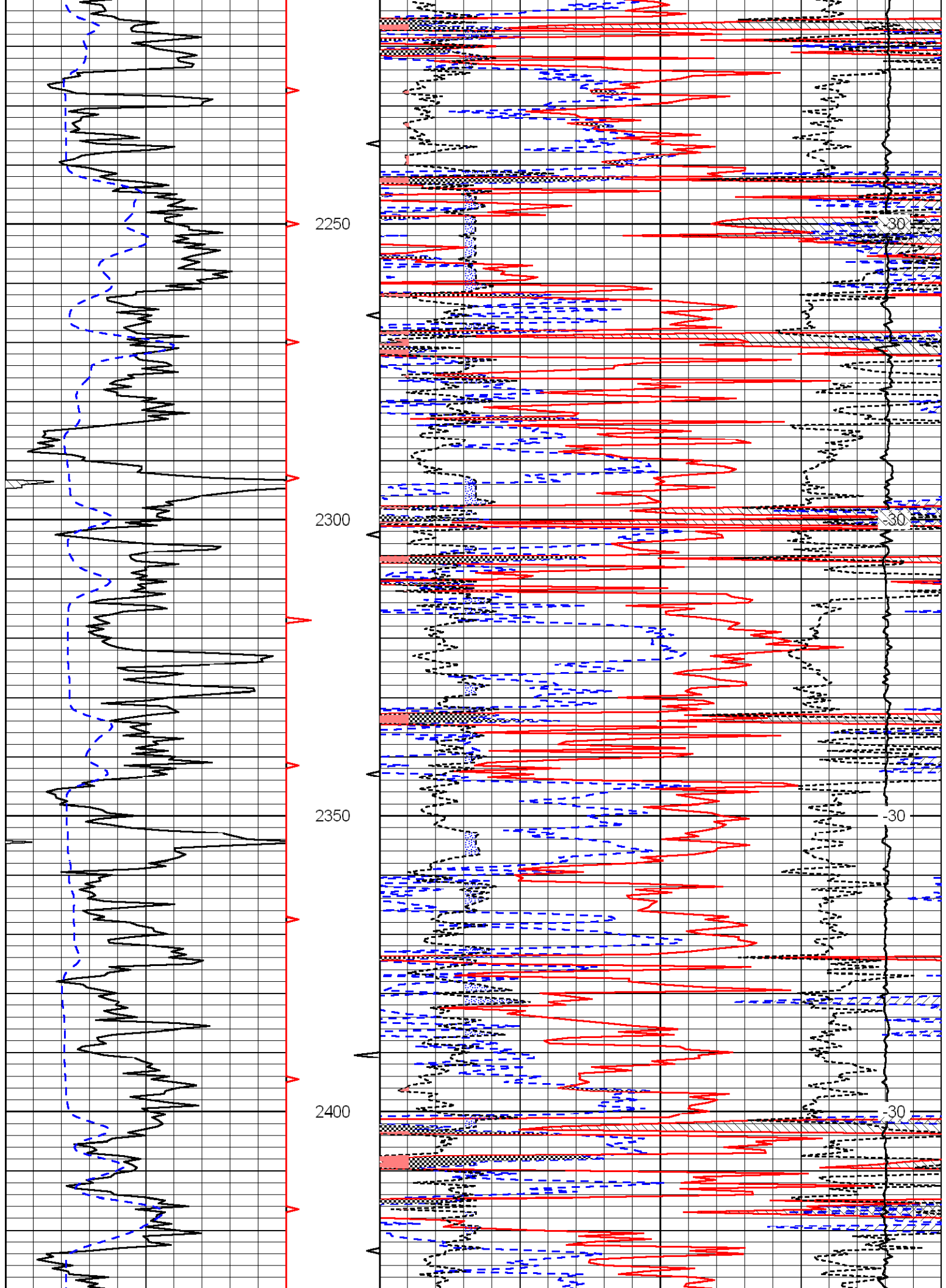
30 Compensated Neutron (Limestone) -10
30 Compensated Density (2 71 ma) -10

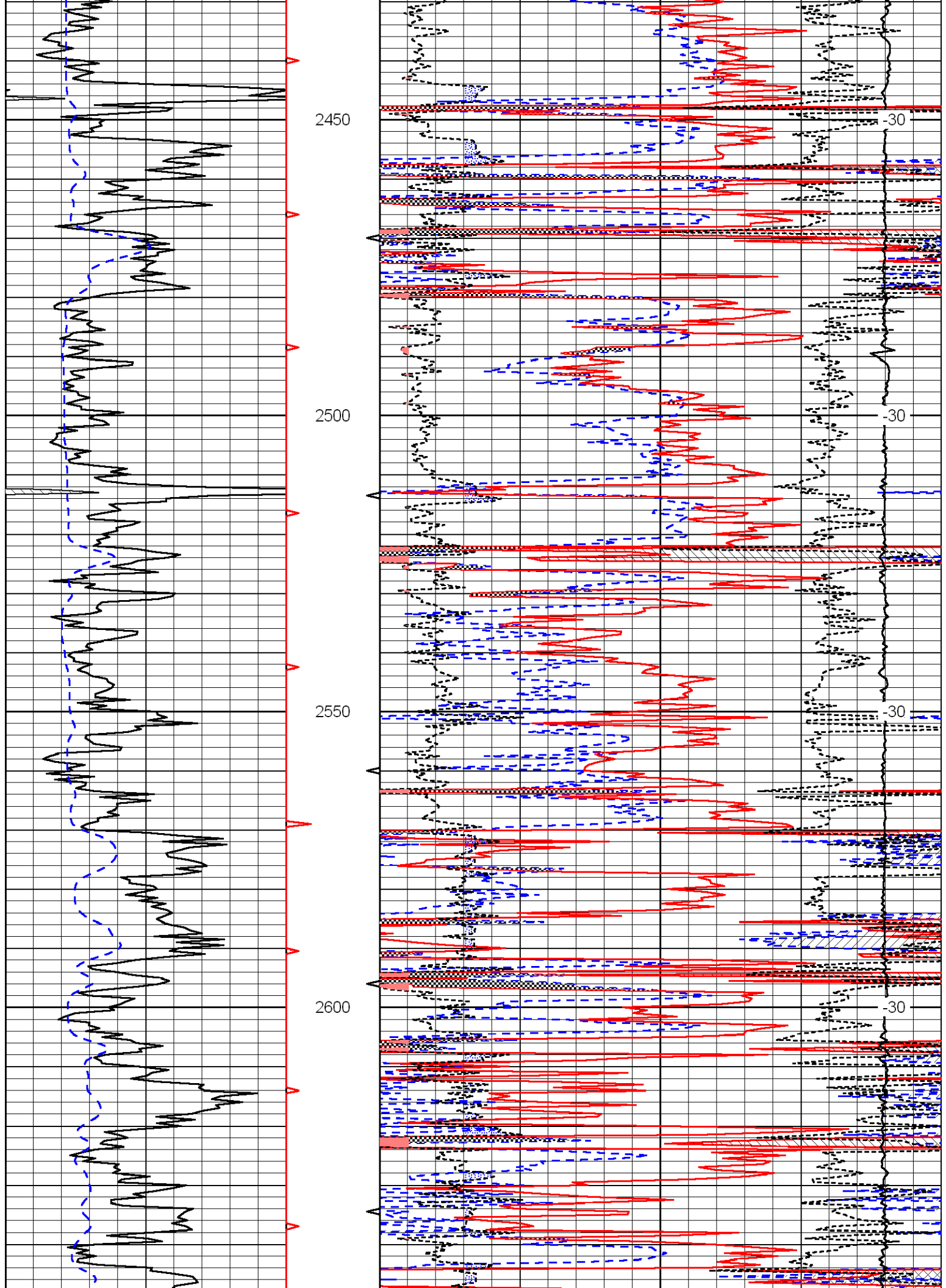
		Compensated Density (2.17 Ma)				0
2.625	DGA	3.425	-0.25	Correction	0.25	
15000		Line Tension				0
					LSPD	

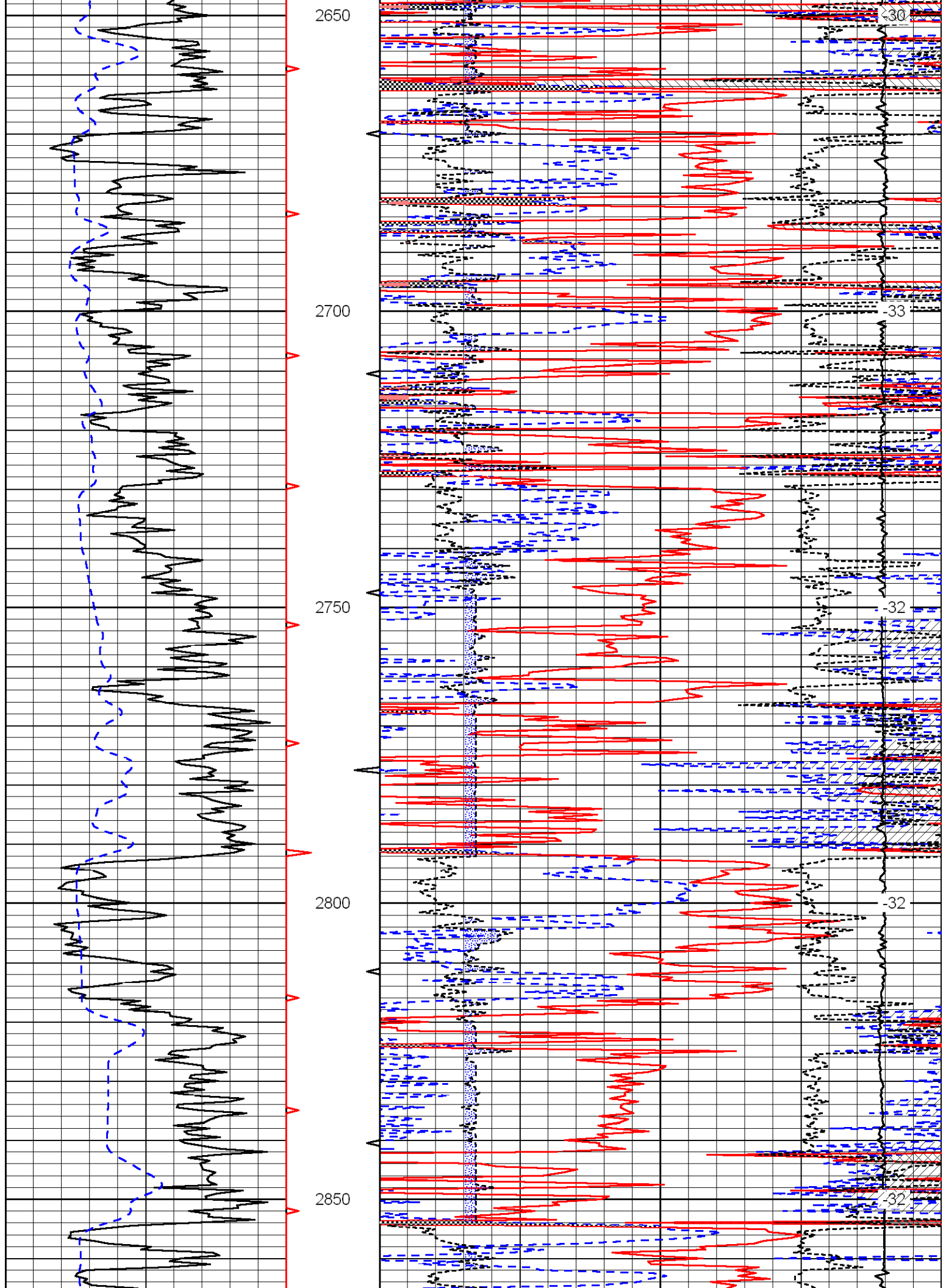
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Dataset Pathname: DIL/fgholl										
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Dataset Creation: Tue Oct 21 18:59:42 2008										
Charted by: Depth in Feet scaled 1:240										
0 Gamma Ray 150			30 Compensated Neutron (Limestone) -10							
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	

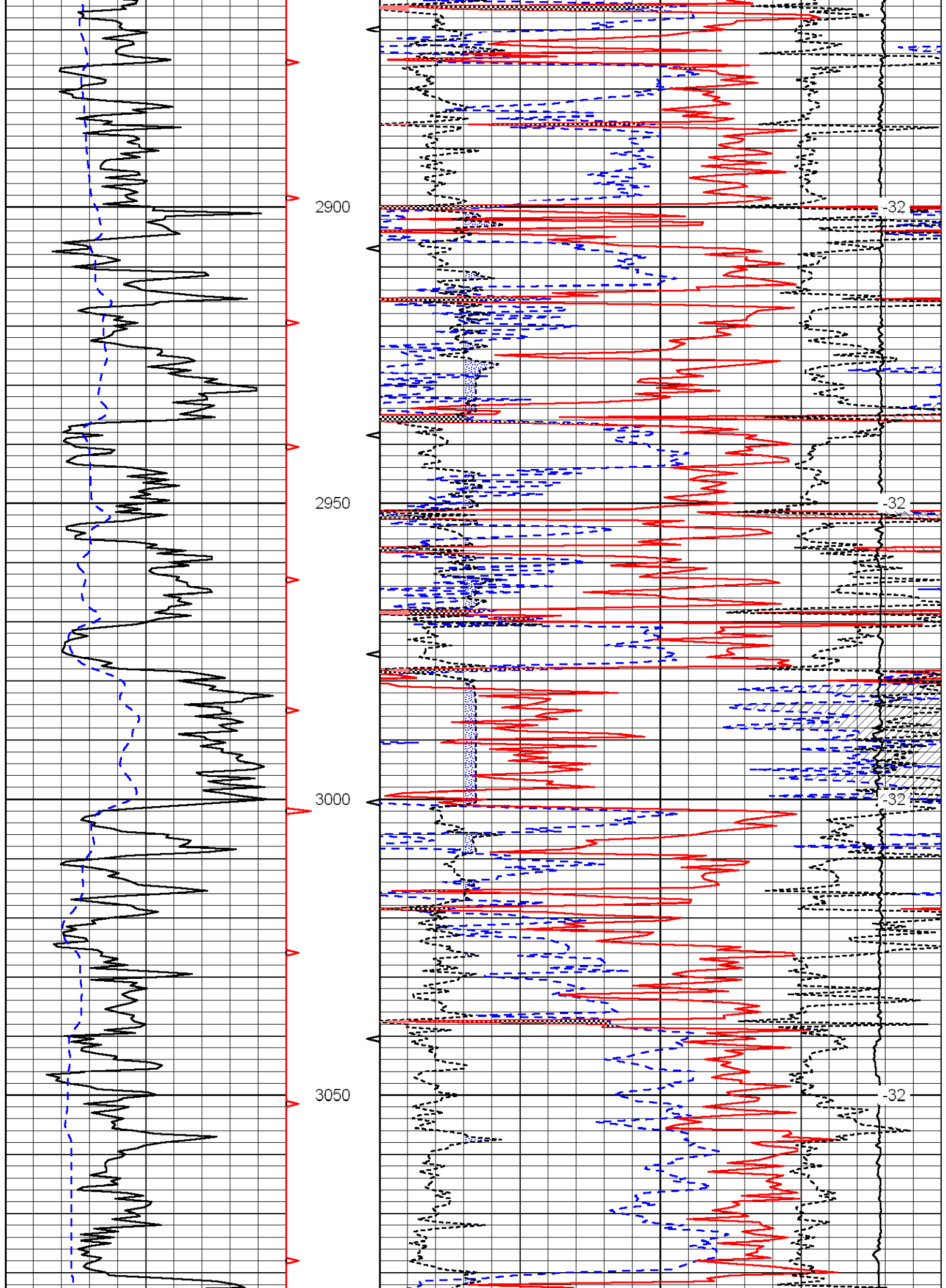


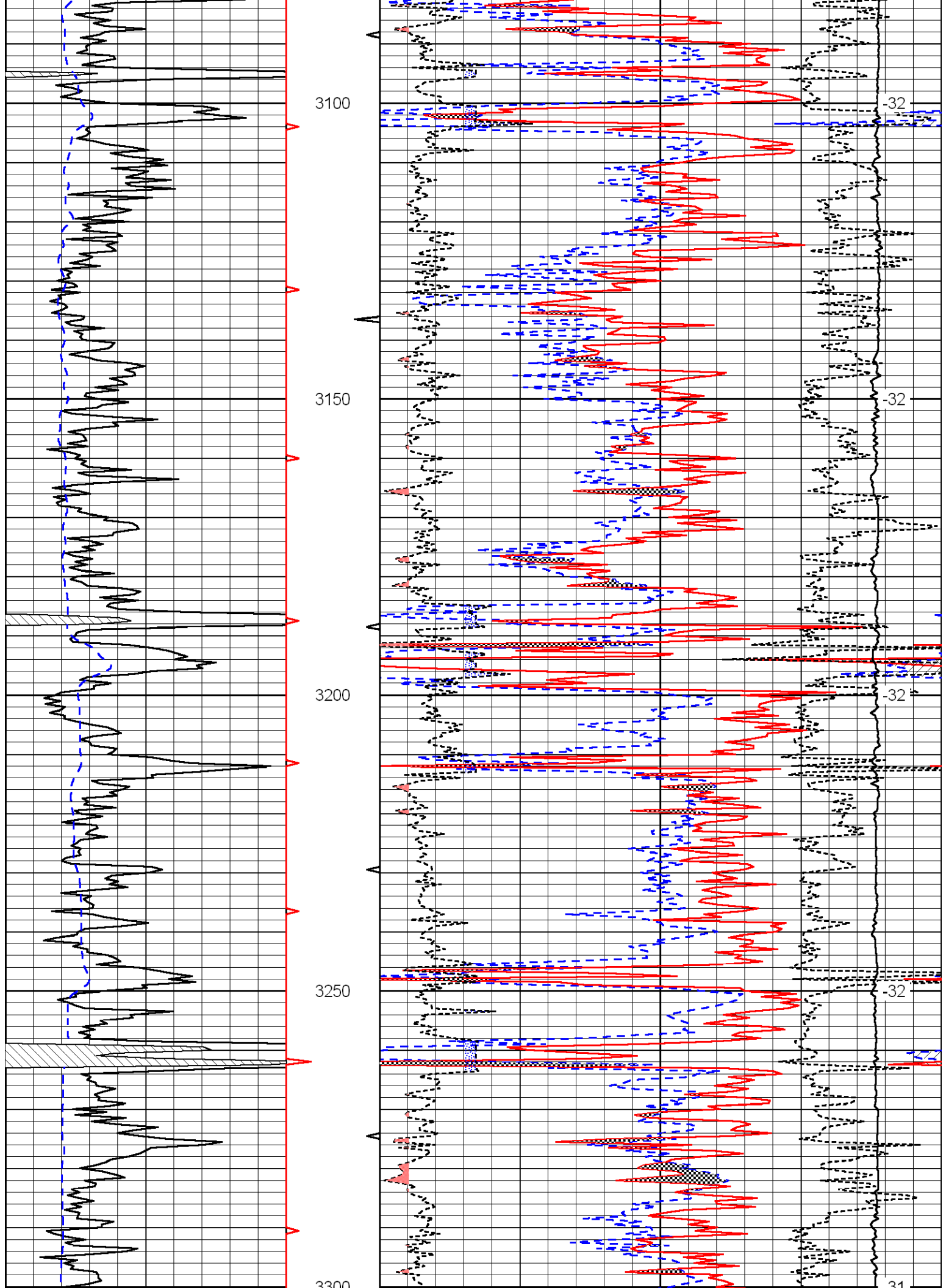


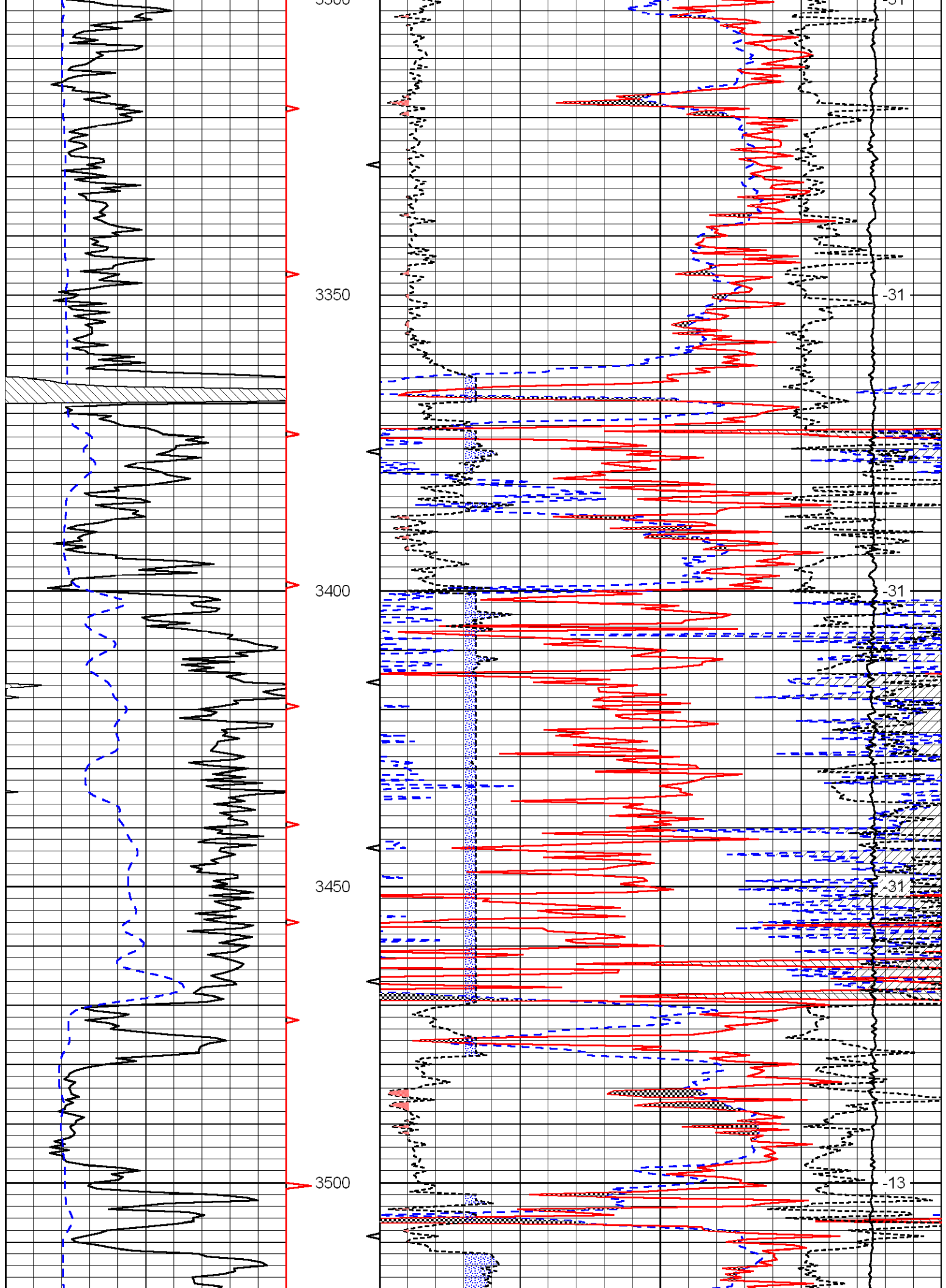


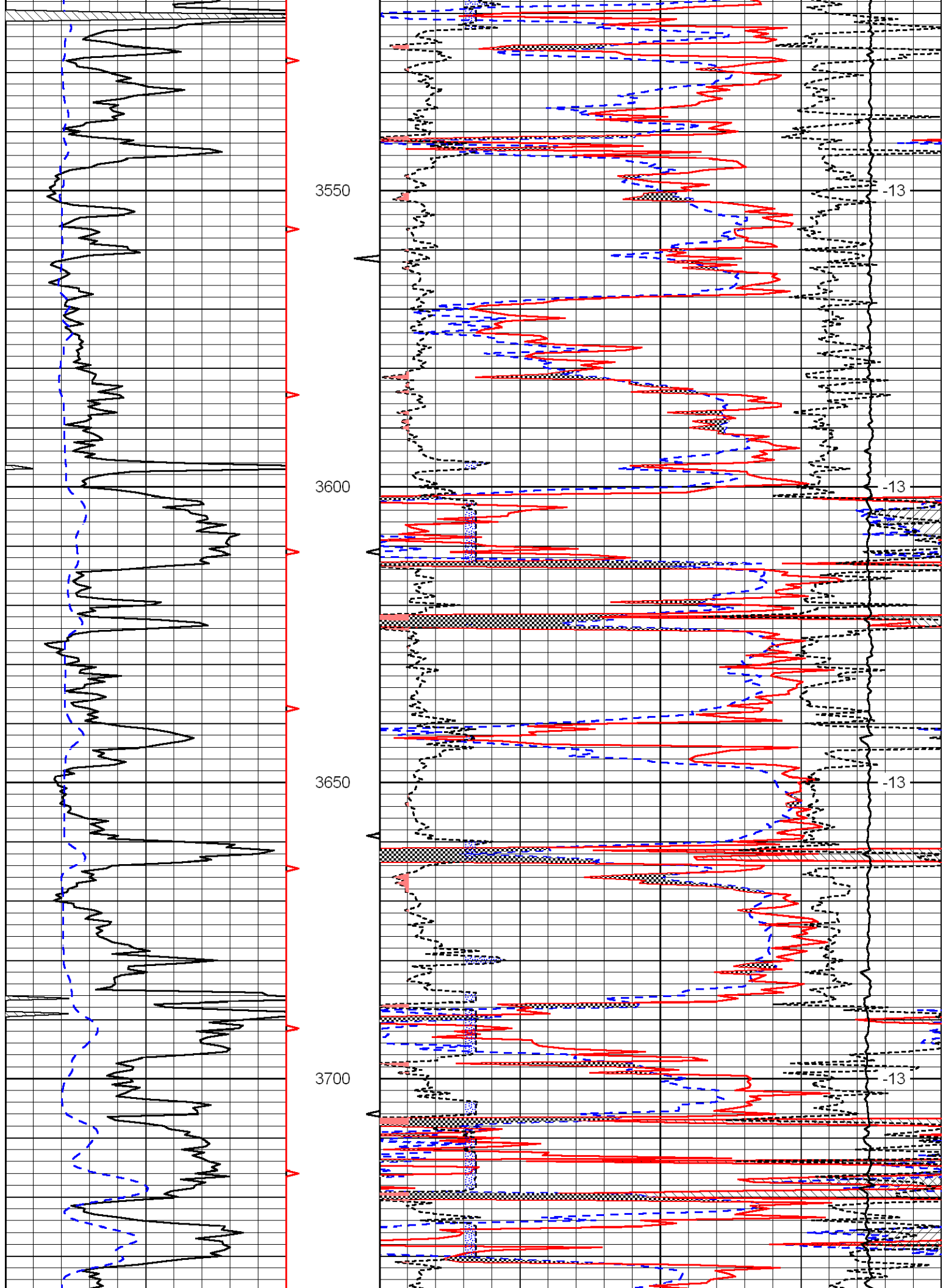


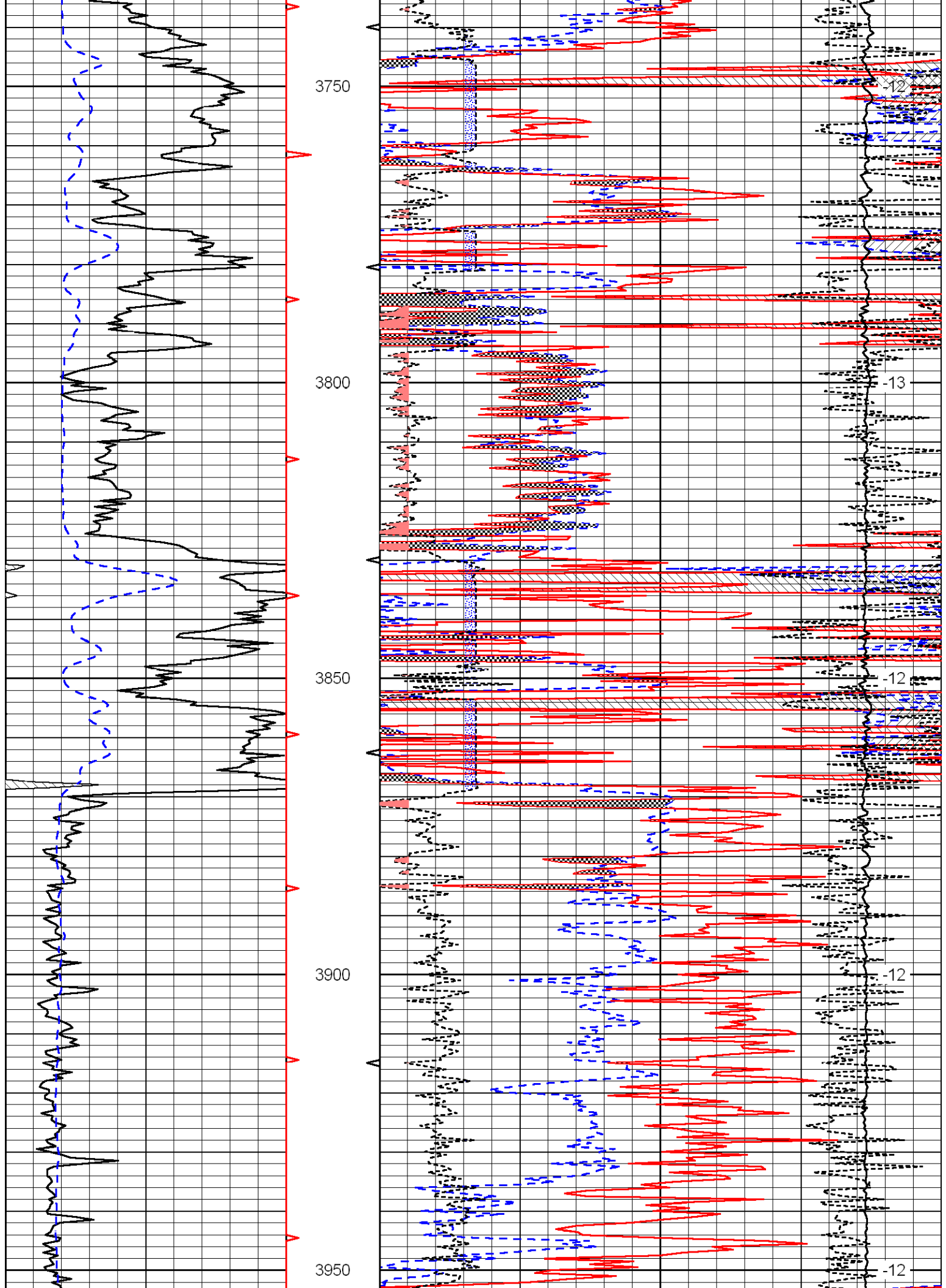


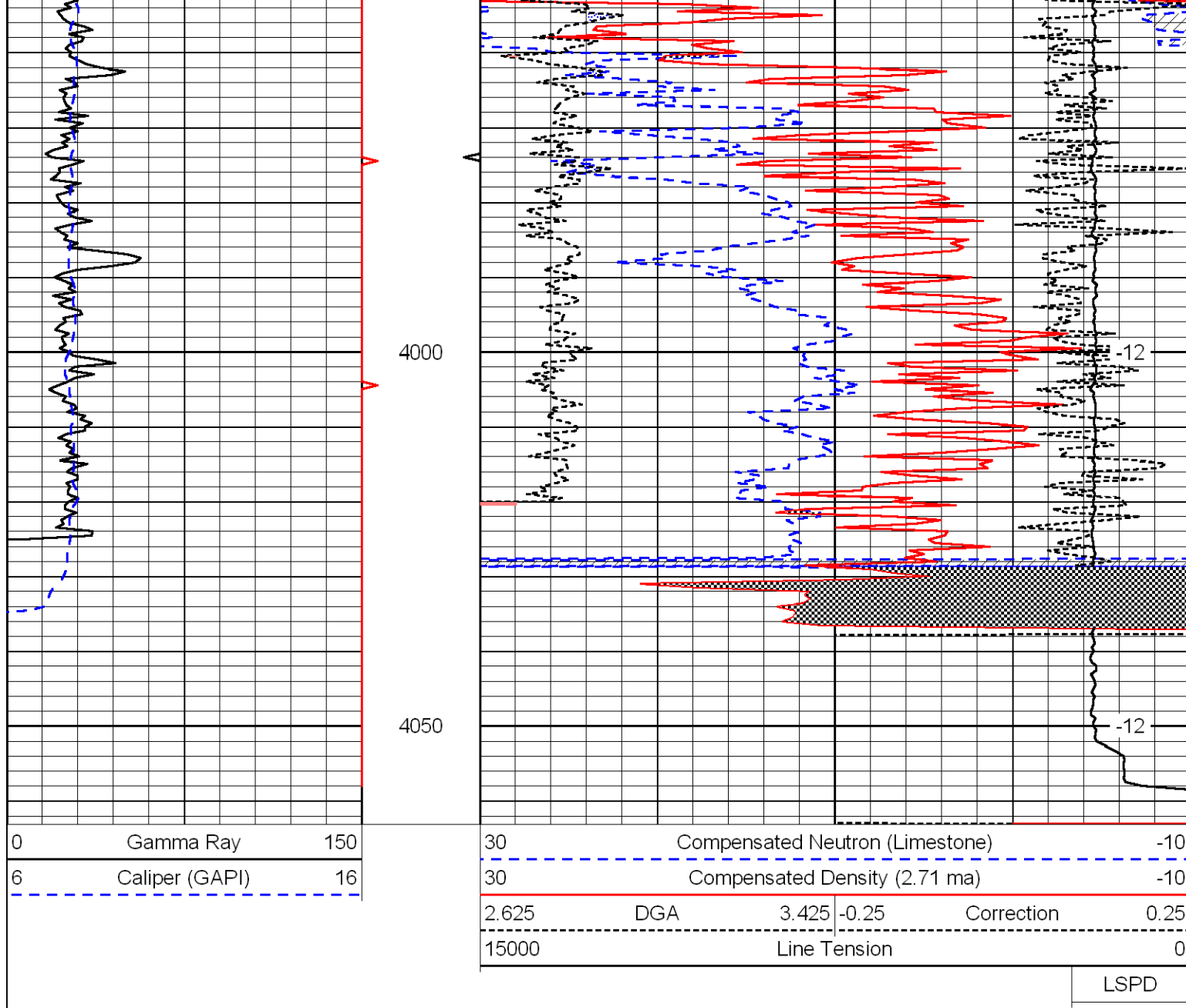








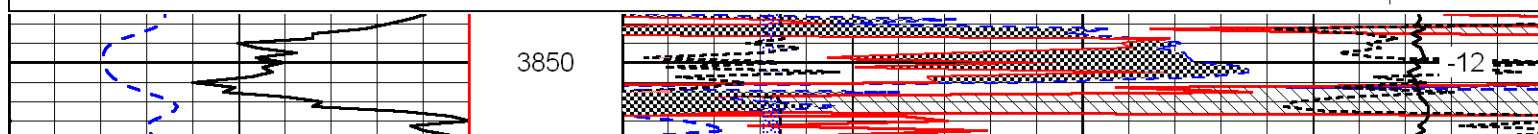
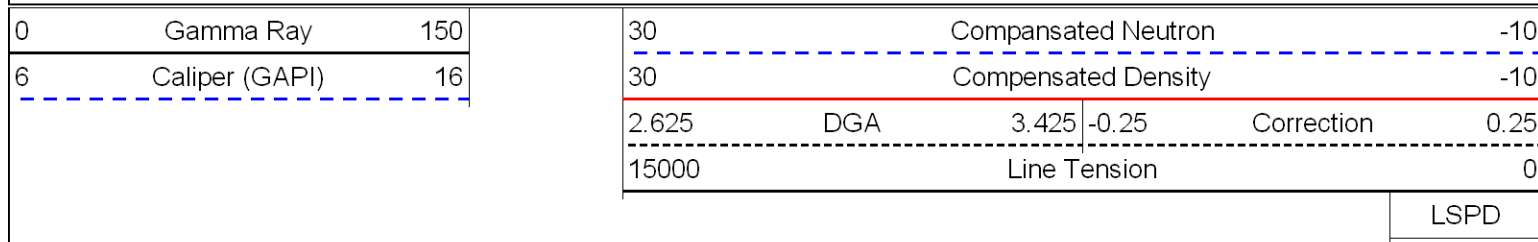


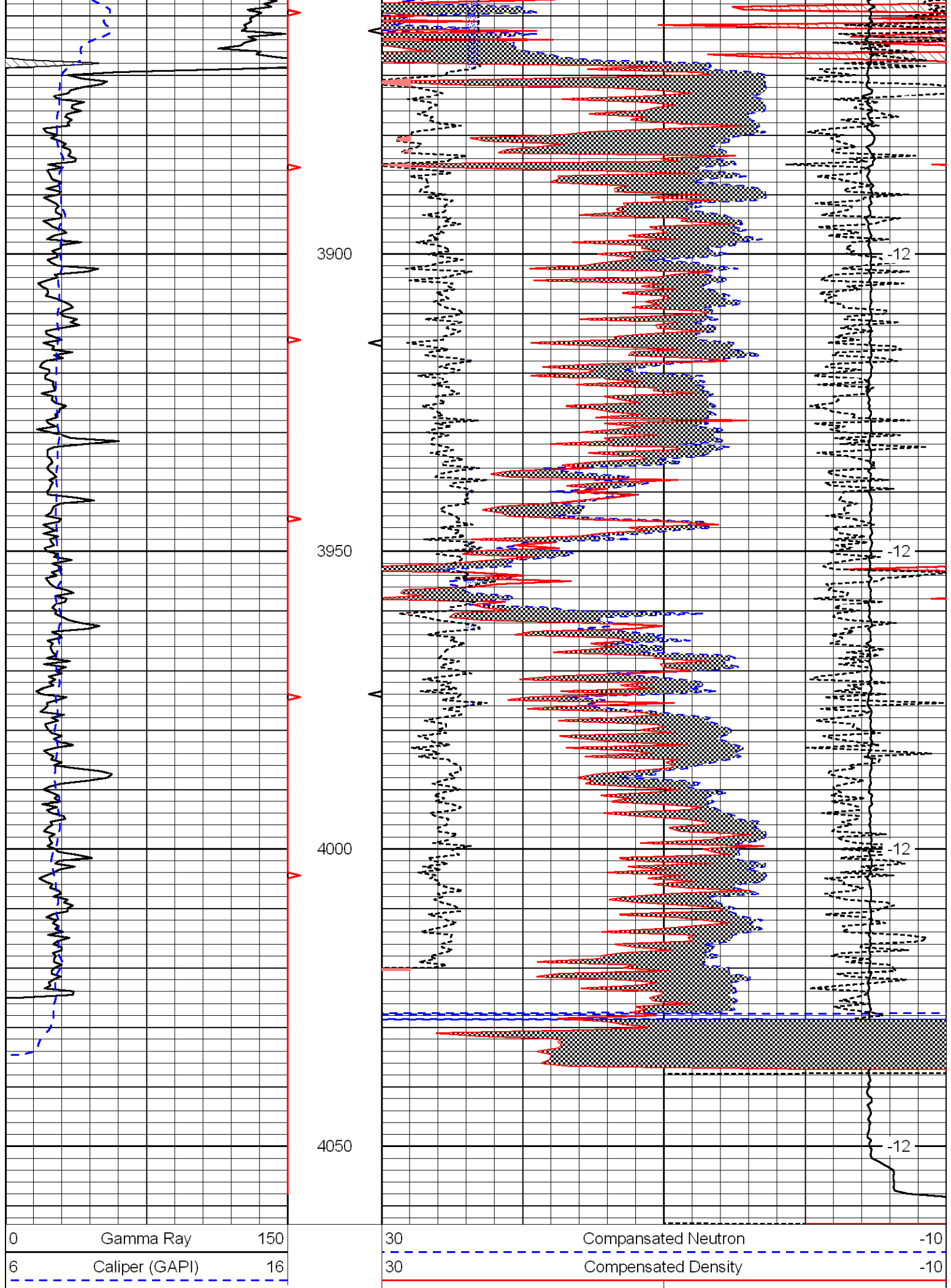


LOG-TECH

Dolomite Matrix (2.83)

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 Dataset Pathname: DIL/fgdolo
 Presentation Format: cndldolo
 Dataset Creation: Tue Oct 21 18:59:47 2008
 Charted by: Depth in Feet scaled 1:240





2.025	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD