



Pioneer Energy Services

## Dual Compensated Porosity Log

15-035-24,611-00-00

API No.

**Company** Toto Energy, LLC  
**Well** Call Me Maybe #2  
**Field** Maddix North  
**County** Cowley  
**State** Kansas

**Location**  
 330' FNL & 1420' FWL

**Other Services**  
 DIL  
 MEL

**Permanent Datum** Ground Level Elevation 1273  
**Log Measured From** Kelly Bushing 10 Ft. Above Perm. Datum  
**Drilling Measured From** Kelly Bushing

**Elevation**  
 K.B. 1283  
 D.F. G.I.L. 1273

**Date** 10/18/2014

**Run Number** One

**Type Log** CNL / CDL

**Depth Driller** 3450

**Depth Logger** 3449

**Bottom Logged Interval** 3428

**Top Logged Interval** 1800

**Type Fluid In Hole** Chemical

**Salinity, PPM CL** 1,000

**Density** 9.6

**Level** Full

**Max. Rec. Temp. F** 110

**Operating Rig Time** 4 Hours

**Equipment -- Location** 10 Hays

**Recorded By** C. Desaire

**Witnessed By** Steve Ball

**Borehole Record**

**Casing Record**

Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	255	8.625	24#	00	255
2	7.875	255	3450				

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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**

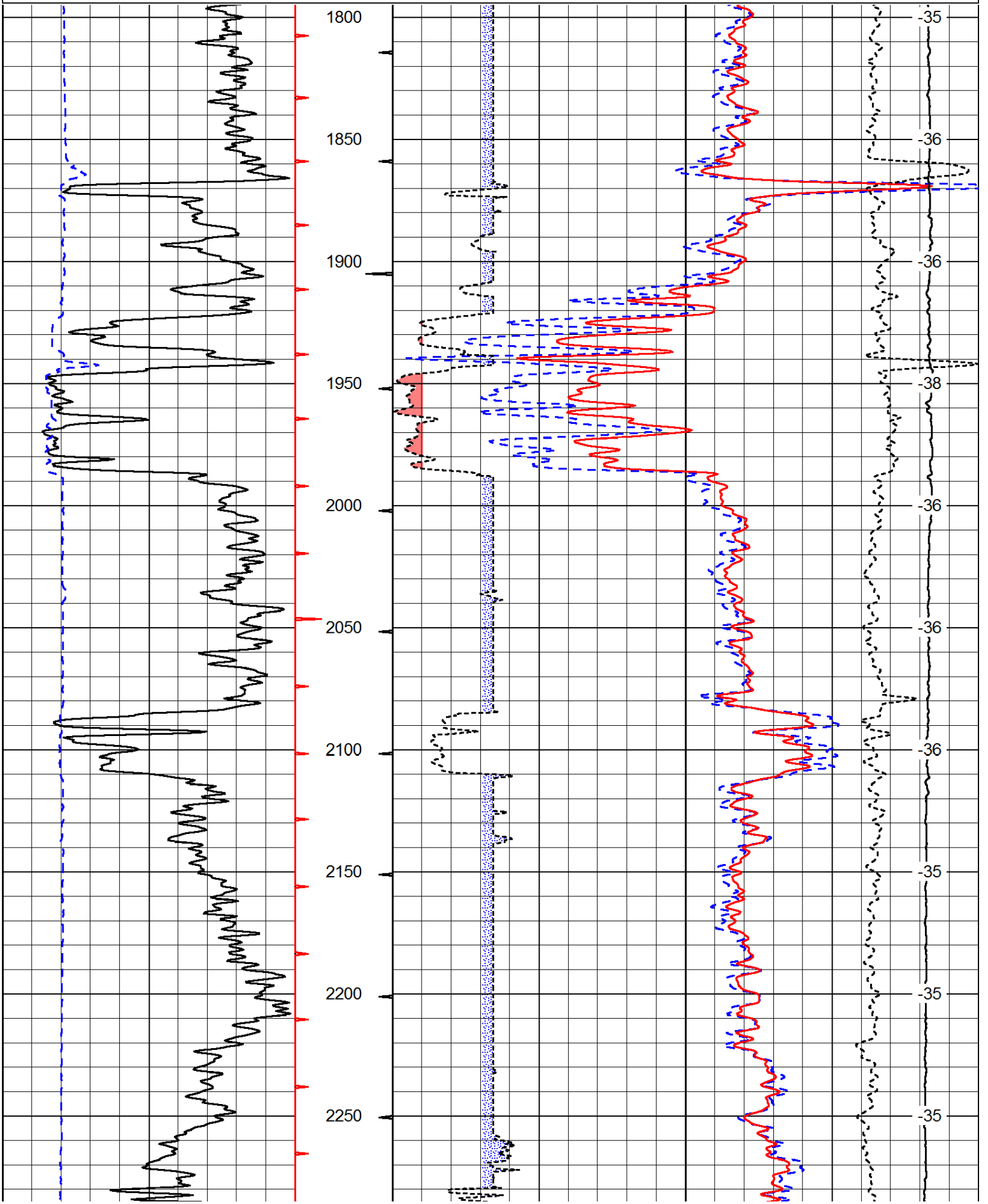
Thank you for using Pioneer Energy Services  
 www.pioneeres.com  
 785 625 3858

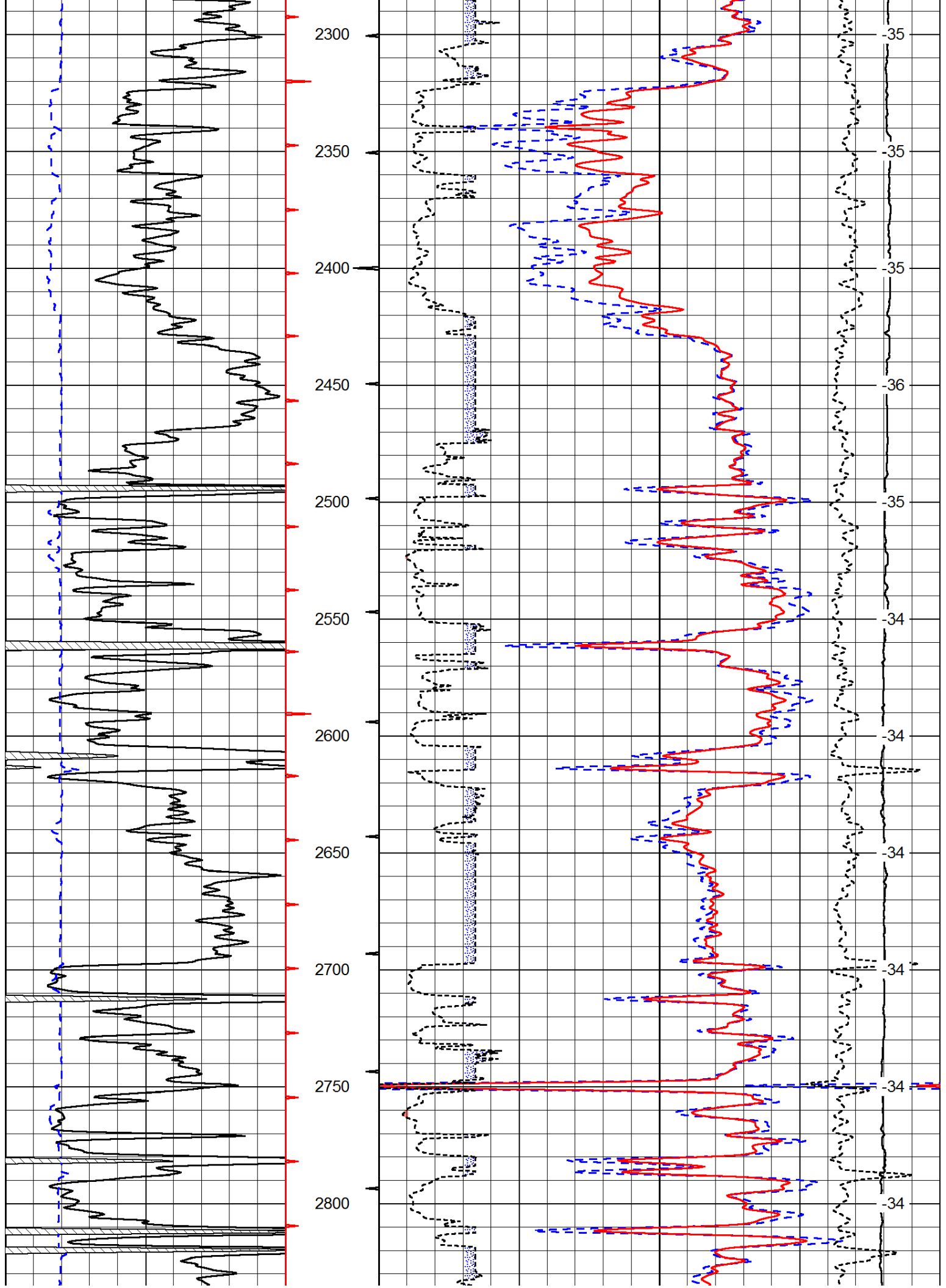
Winfield KS, 7 E, 1 S, S & E thru gate

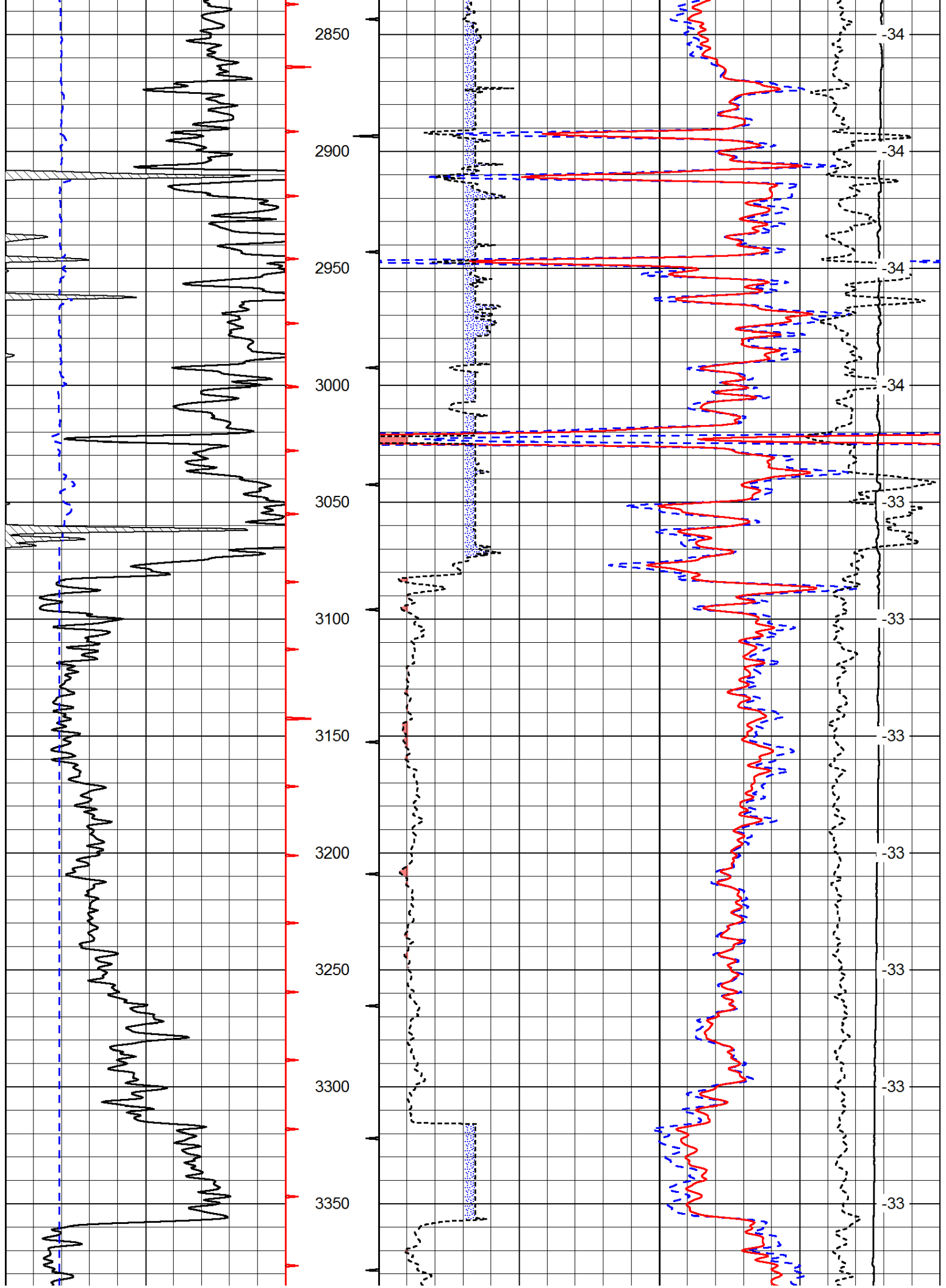
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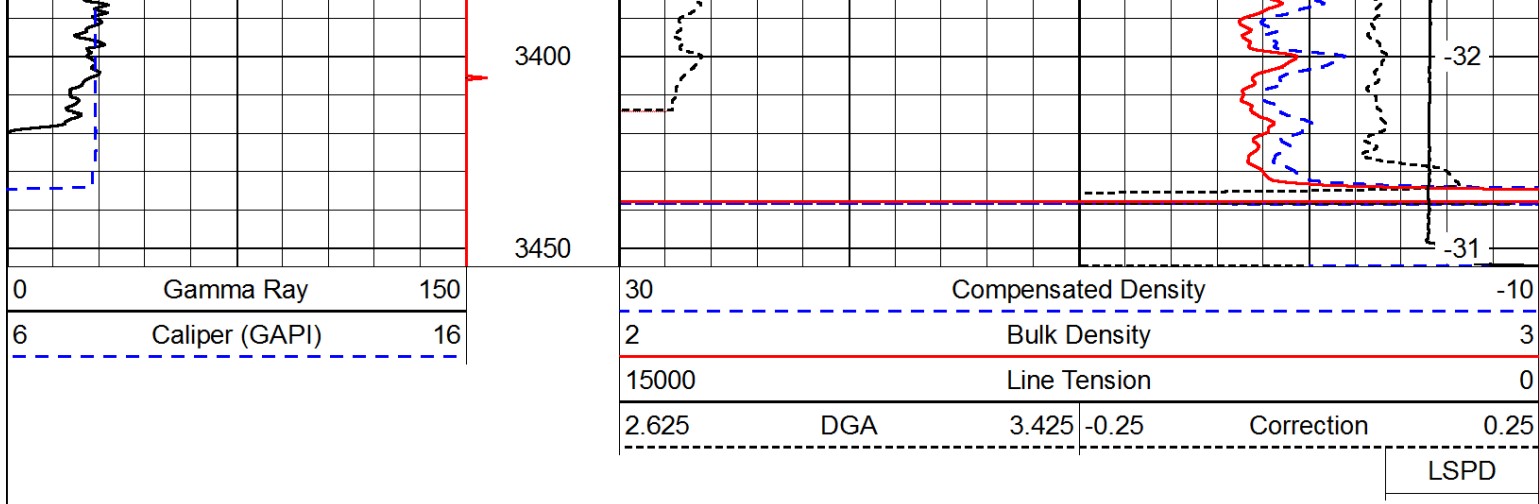
0	Gamma Ray	150
6	Caliper (GAPI)	16

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

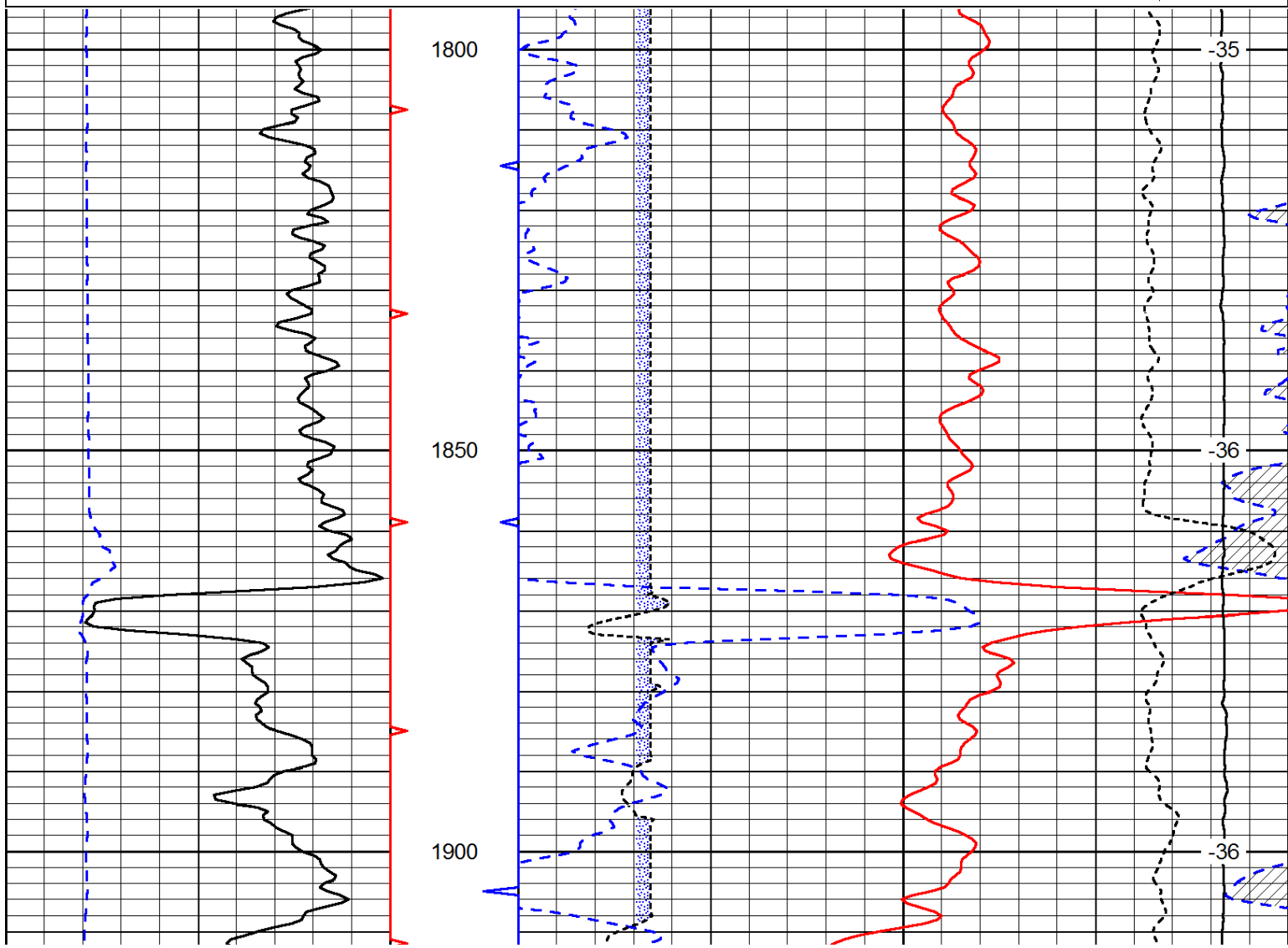
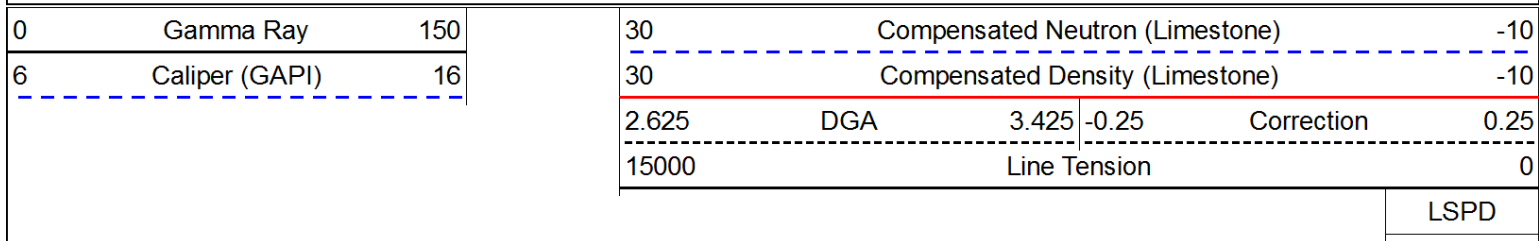


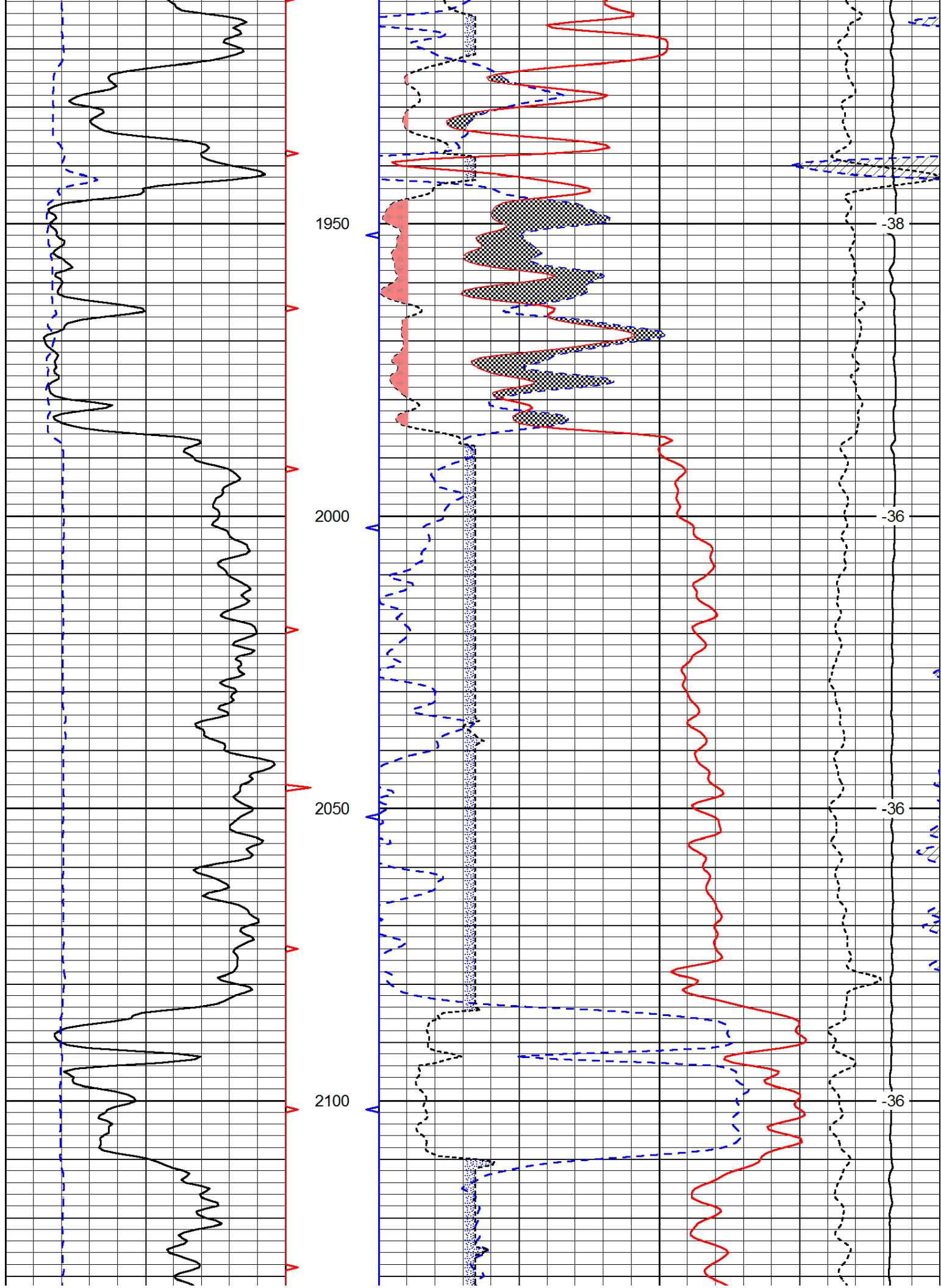


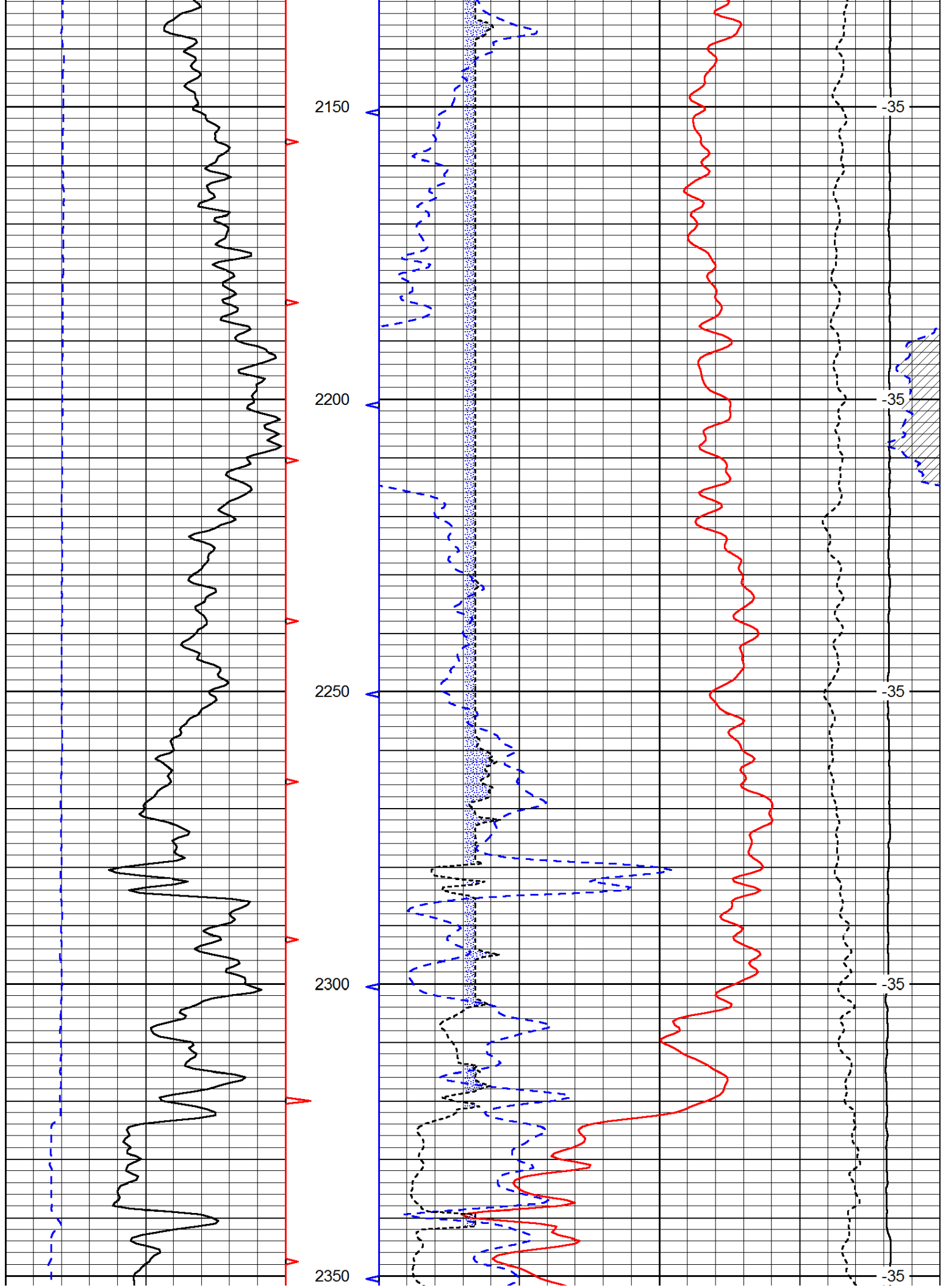


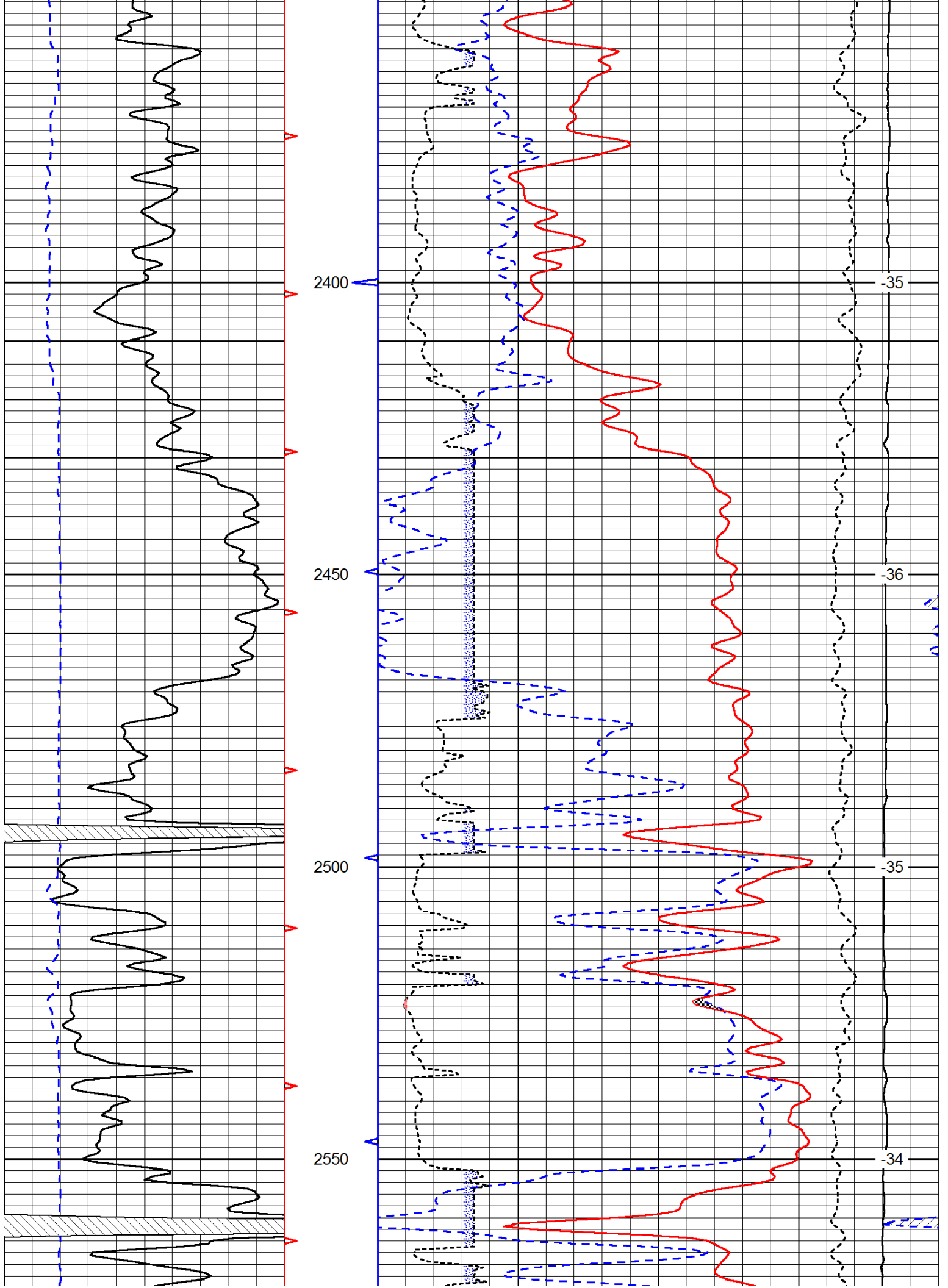


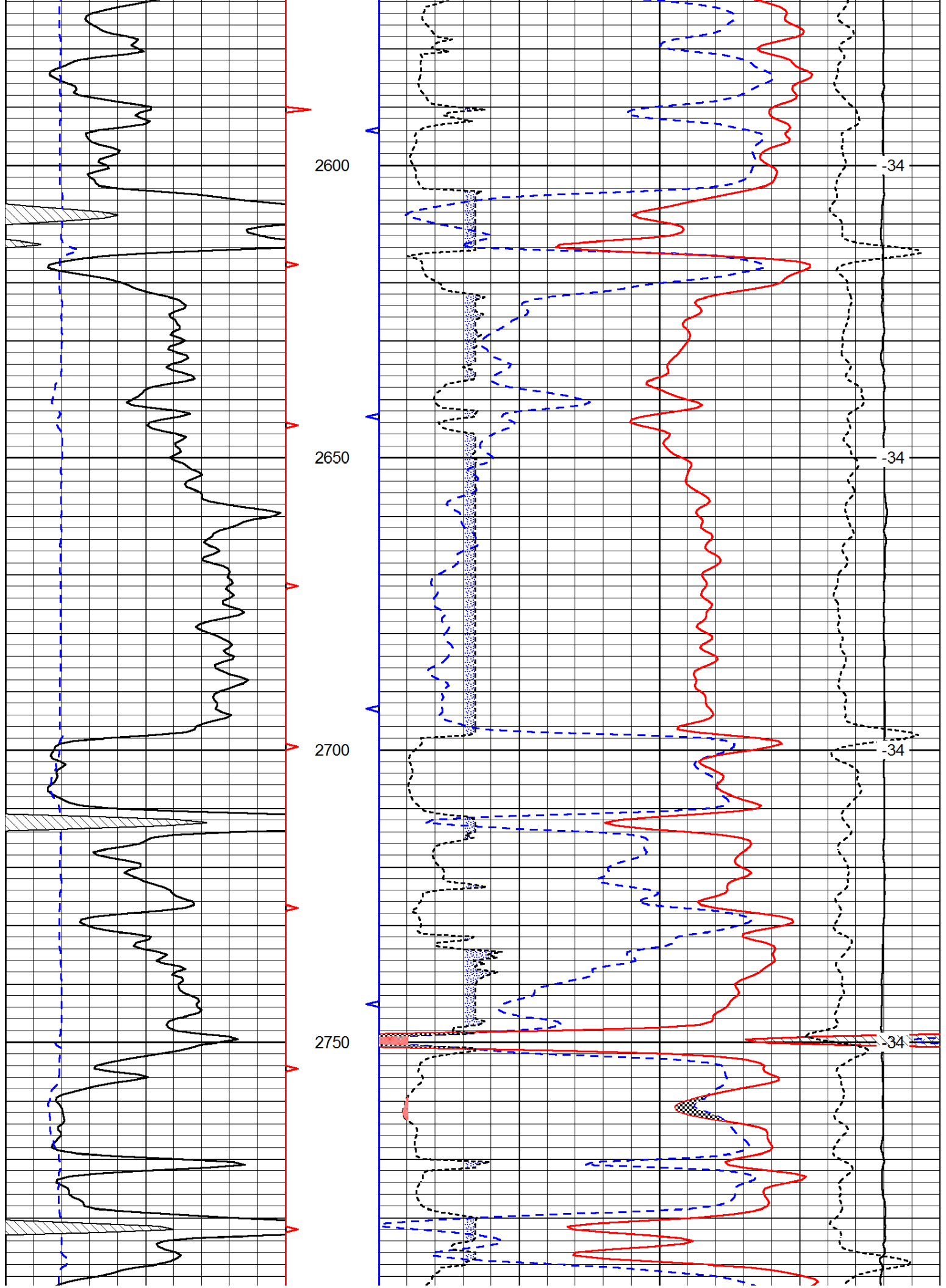
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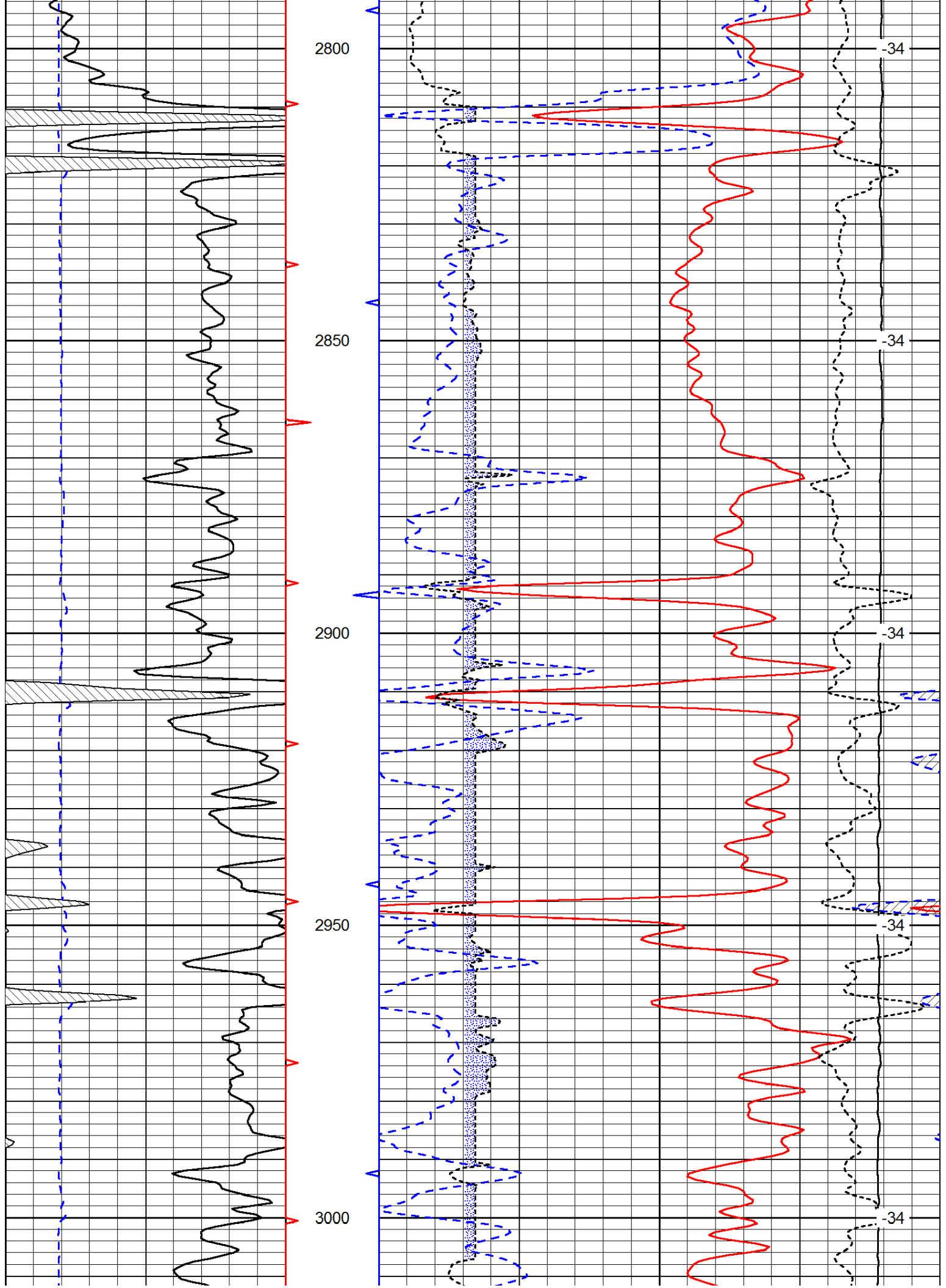


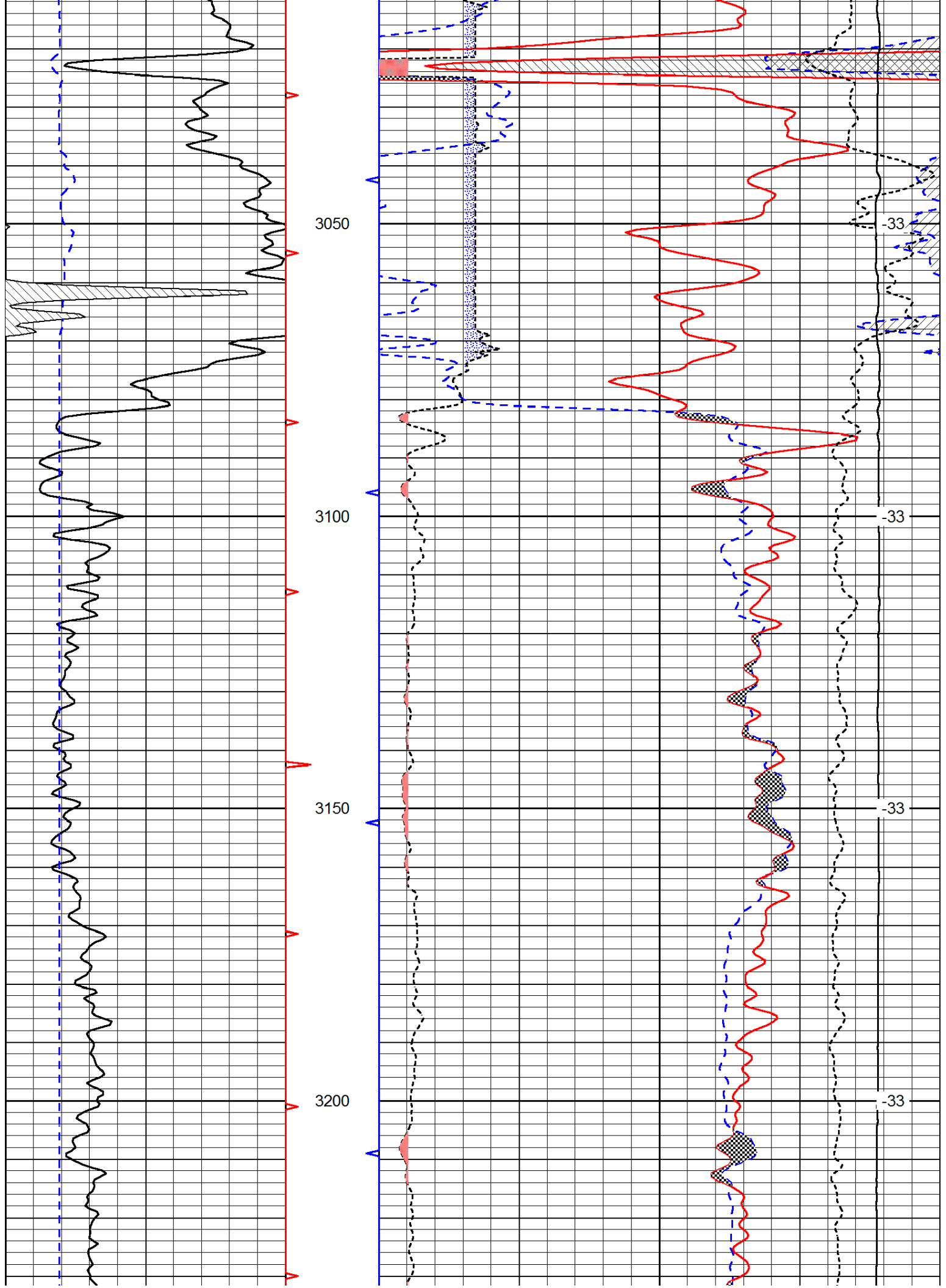


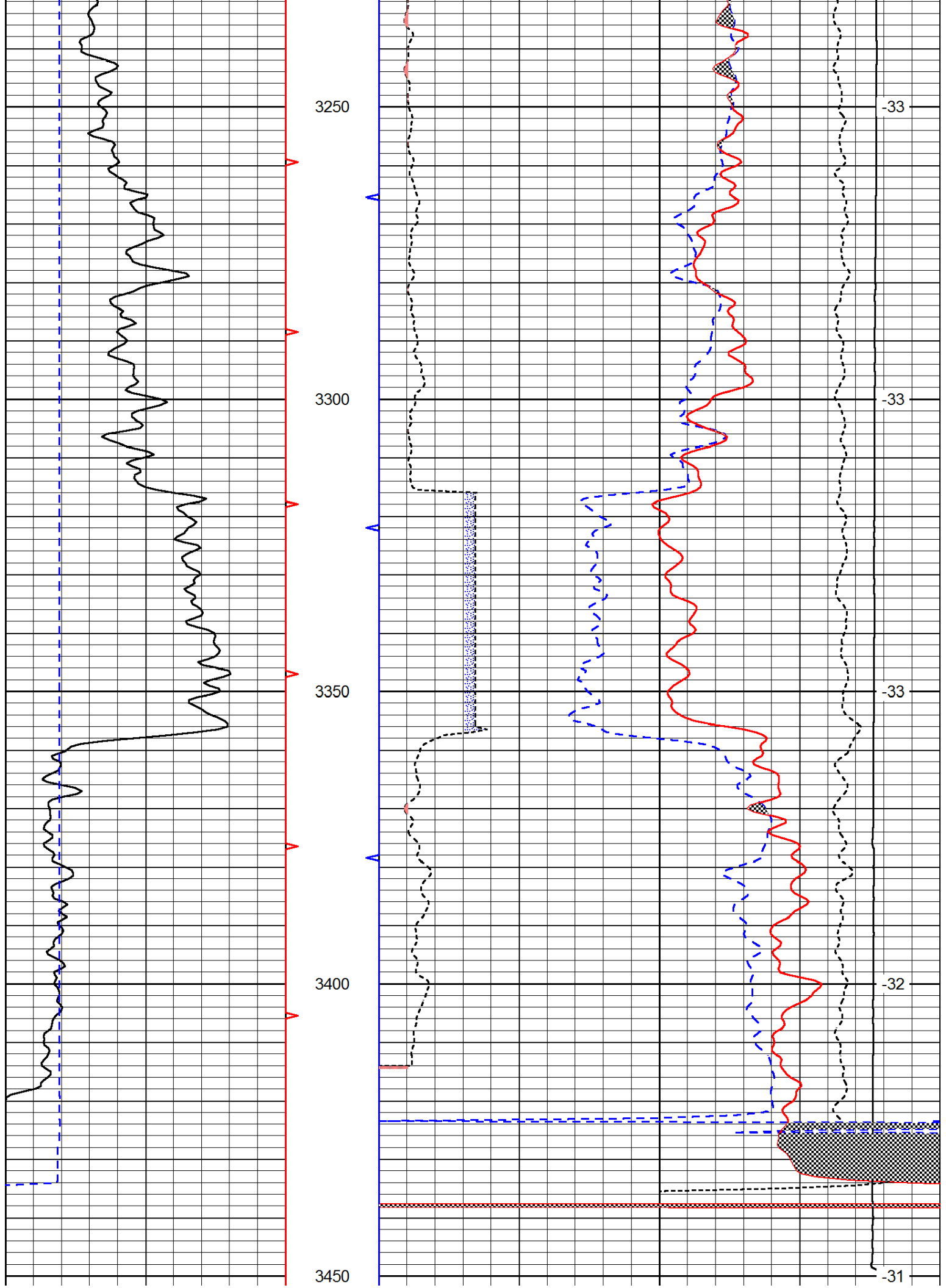












0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0

LSPD