



Pioneer Energy Services

Dual Induction Log

15-007-24201-00-00

API No.

Company **R & B Oil & Gas, Inc.**

Well **Ricke "B" #1**

Field **Wildcat**

County **Barber** State **Kansas**

Location **SE SW 660' FSL / 1980' FWL**

Sec: **33** Twp: **31S** Rge: **11W**

Permanent Datum **Ground Level** Elevation **1569**
 Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
 DIL
 Elevation
 K.B. 1579
 D.F. 1569
 G.L. 1569

Date	8/29/2014
Run Number	One
Depth Driller	4470
Depth Logger	4472
Bottom Logged Interval	4451
Top Log Interval	2500
Casing Driller	8.625 @ 252
Casing Logger	248
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4500
Density / Viscosity	9.0 70
pH / Fluid Loss	10.0 9.6
Source of Sample	Flowline
Rm @ Meas. Temp	0.26 @ 82
Rmf @ Meas. Temp	0.20 @ 82
Rmc @ Meas. Temp	0.35 @ 82
Source of Rmf / Rmc	Charts
Rm @ BHT	0.18 @ 121
Operating Rig Time	3 Hours
Max Rec. Temp. F	121
Equipment Number	108
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Tim Pierce

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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

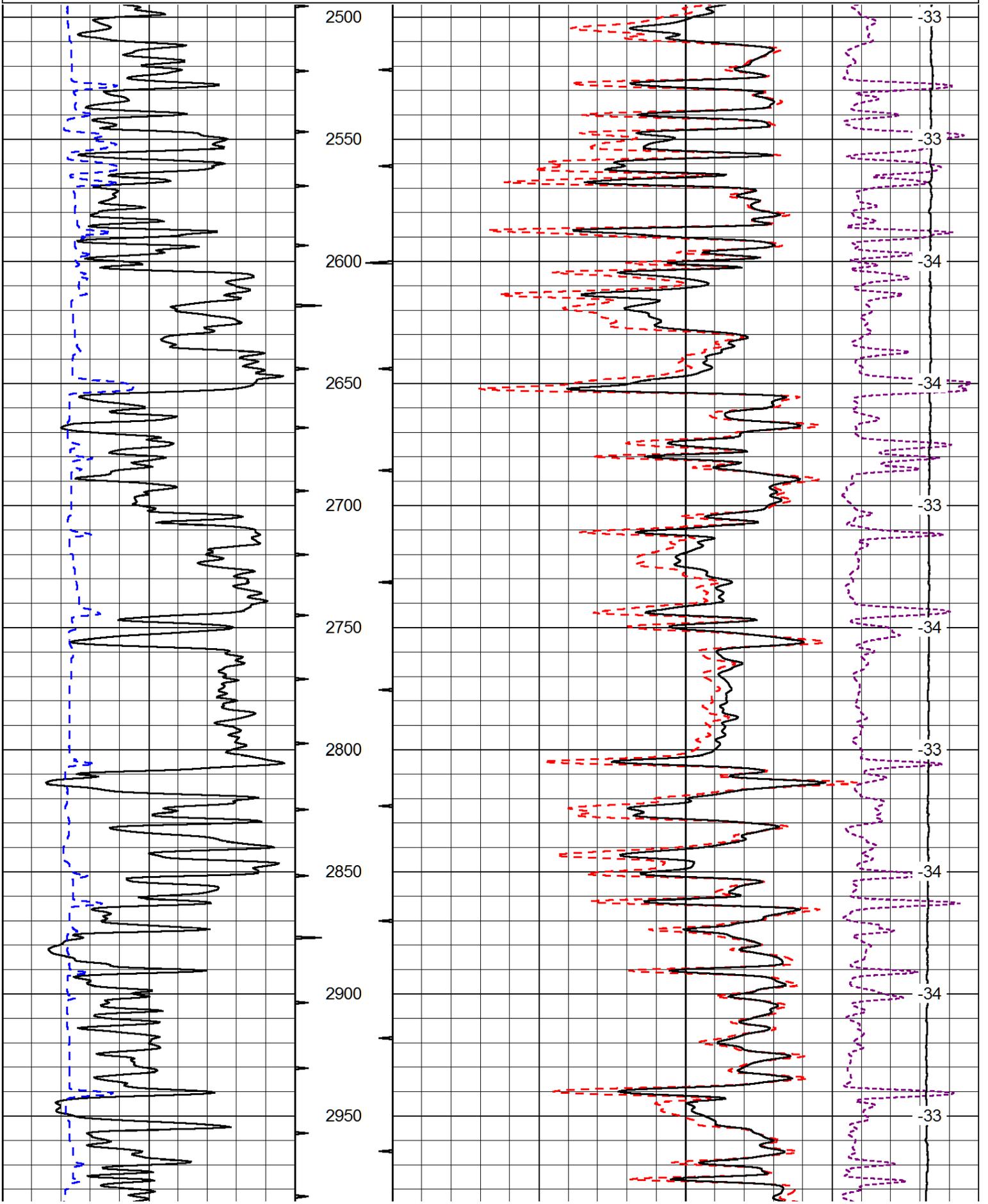
Thank you for using Log-Tech, Inc.
 (785) 625-3858

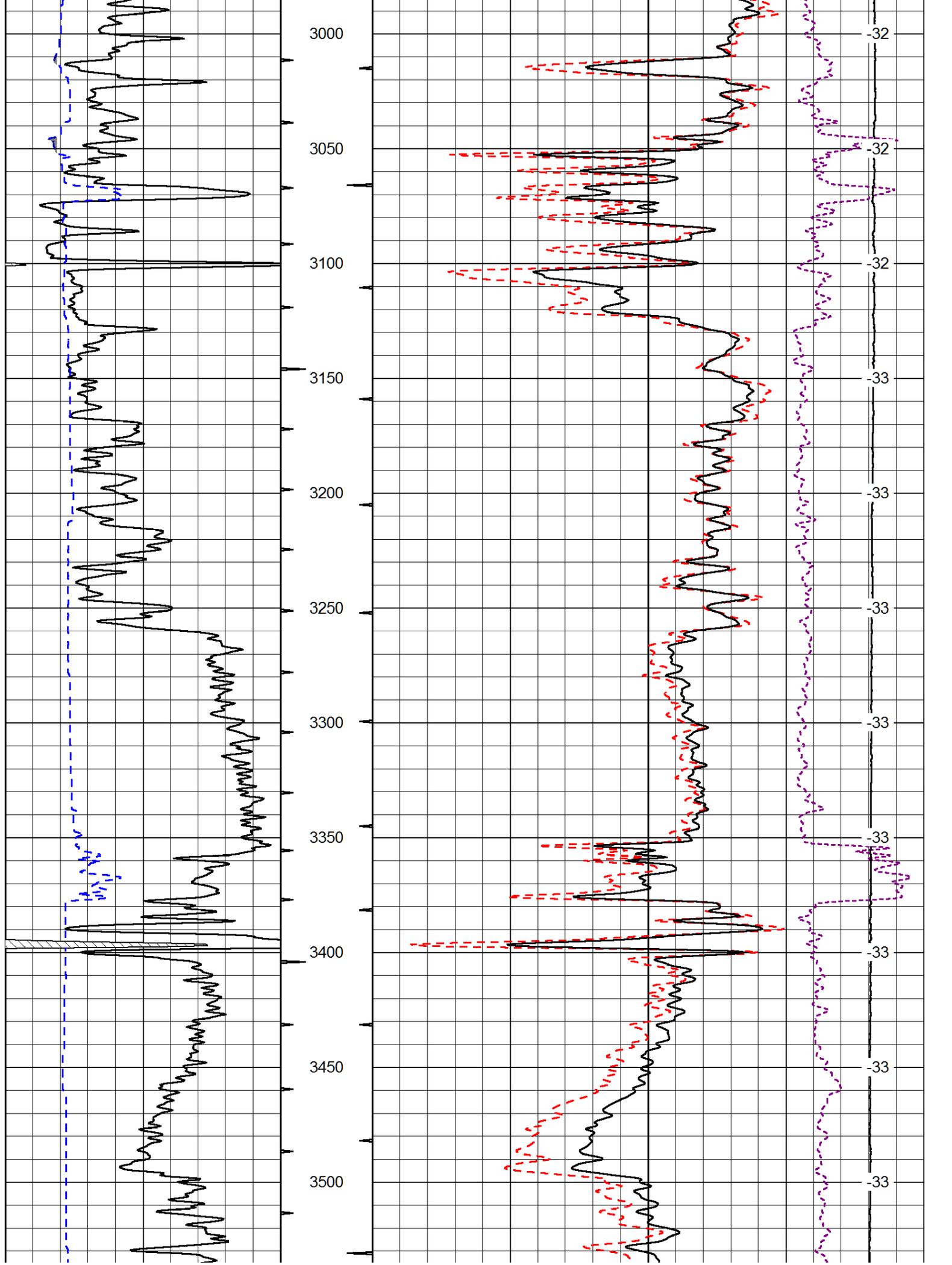
Medicine Lodge, KS:
 1E to Isabel Blktop, 1N, 1 1/2E, N into

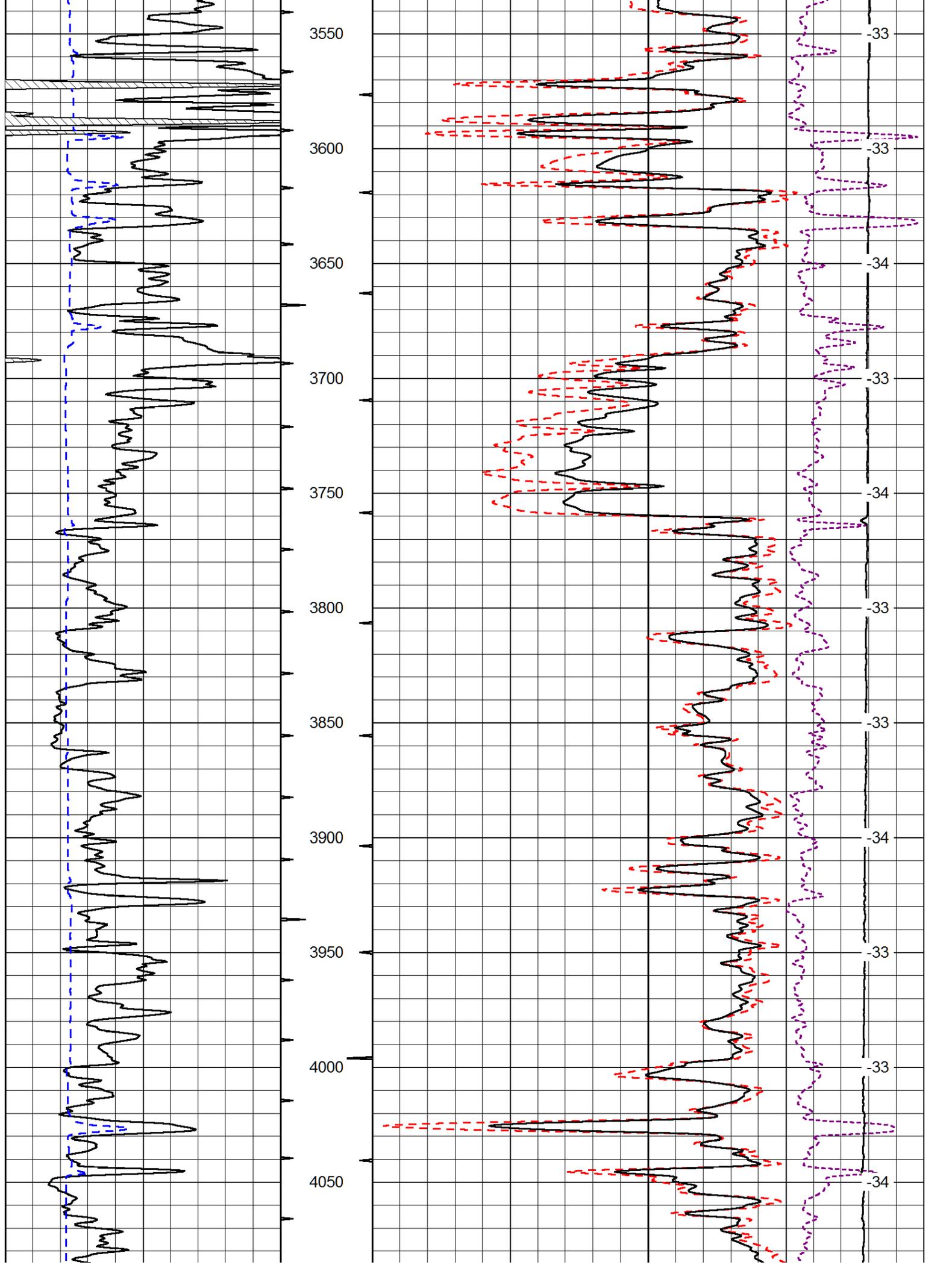
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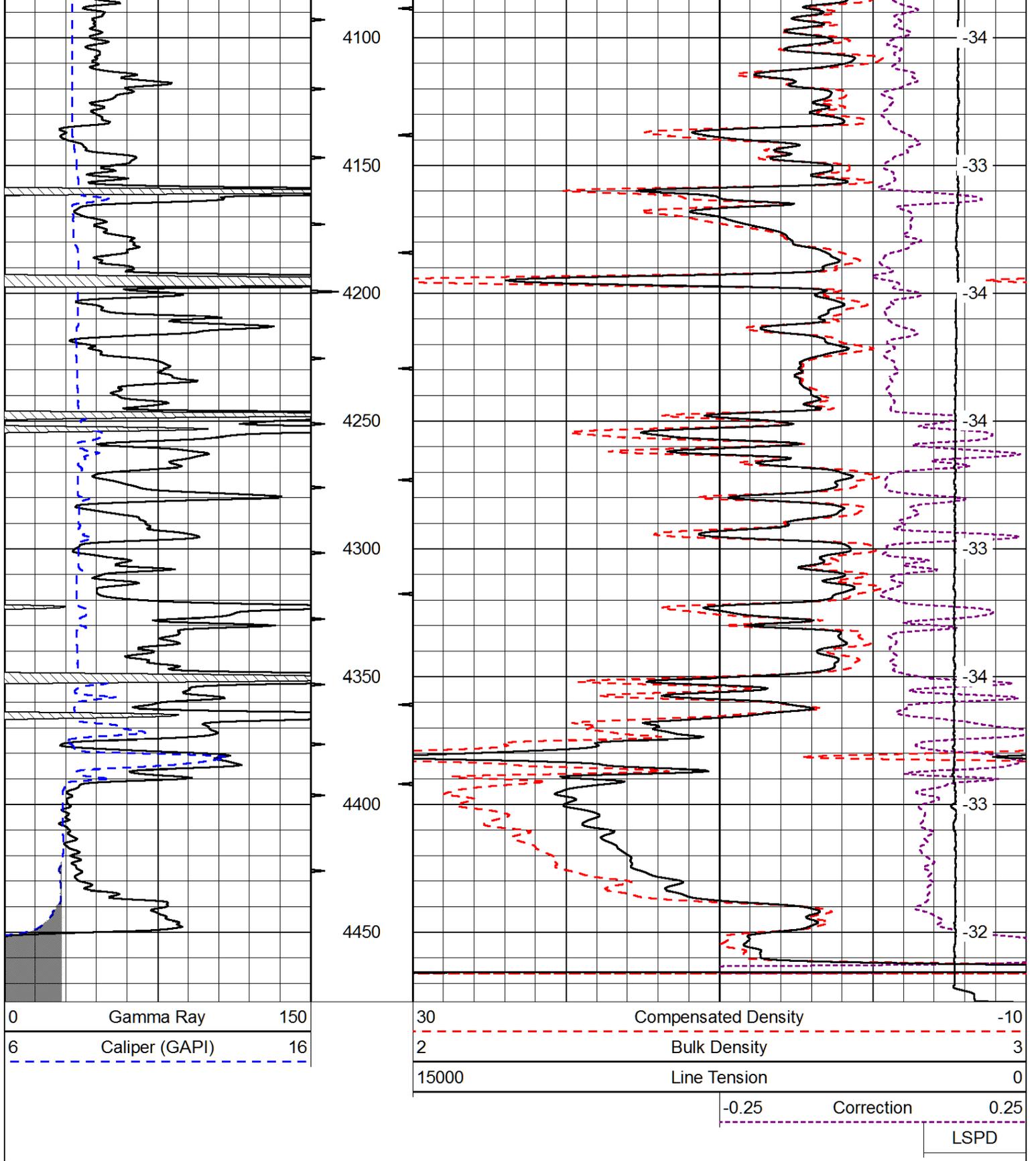
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6	Caliper (GAPI)	16

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







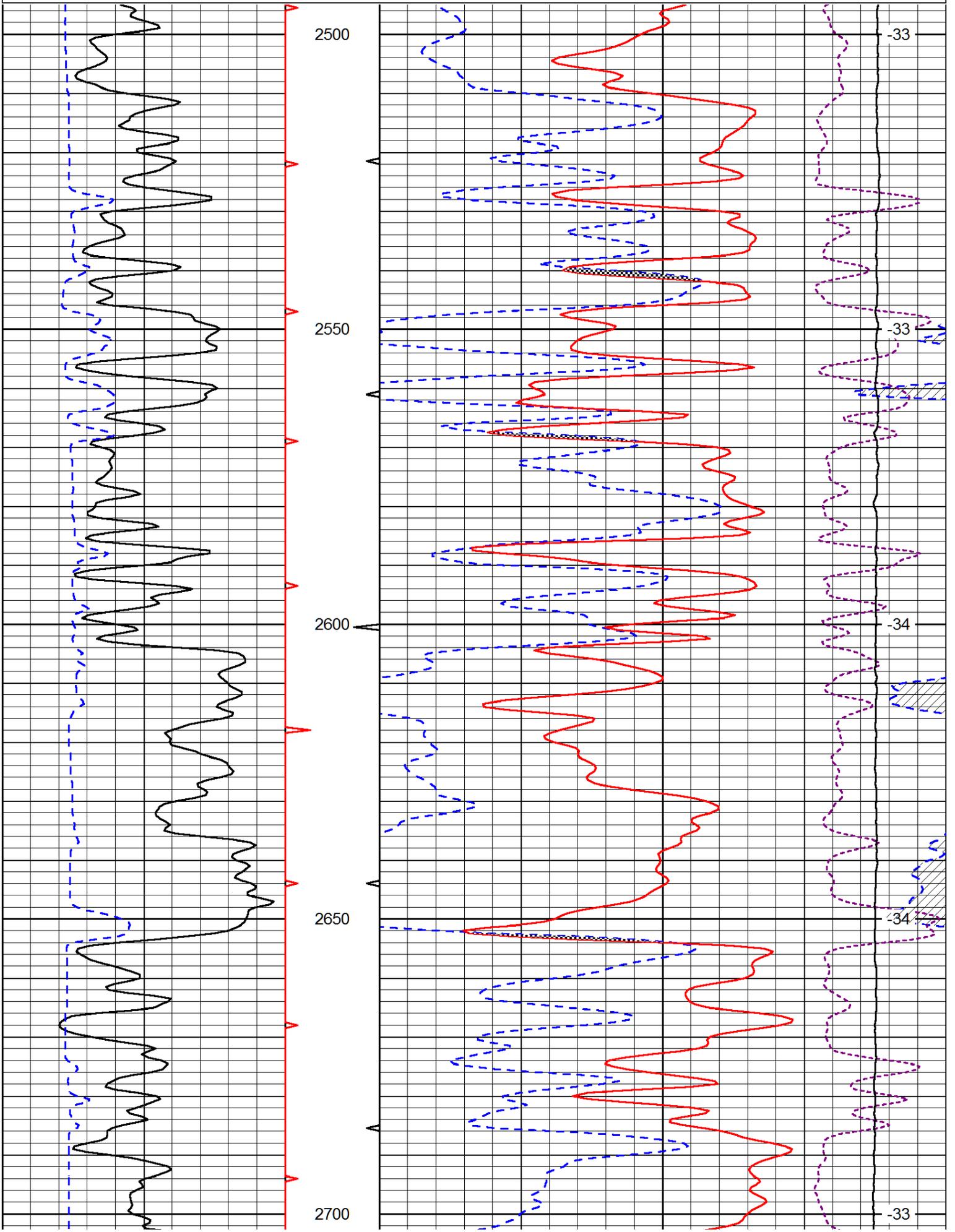


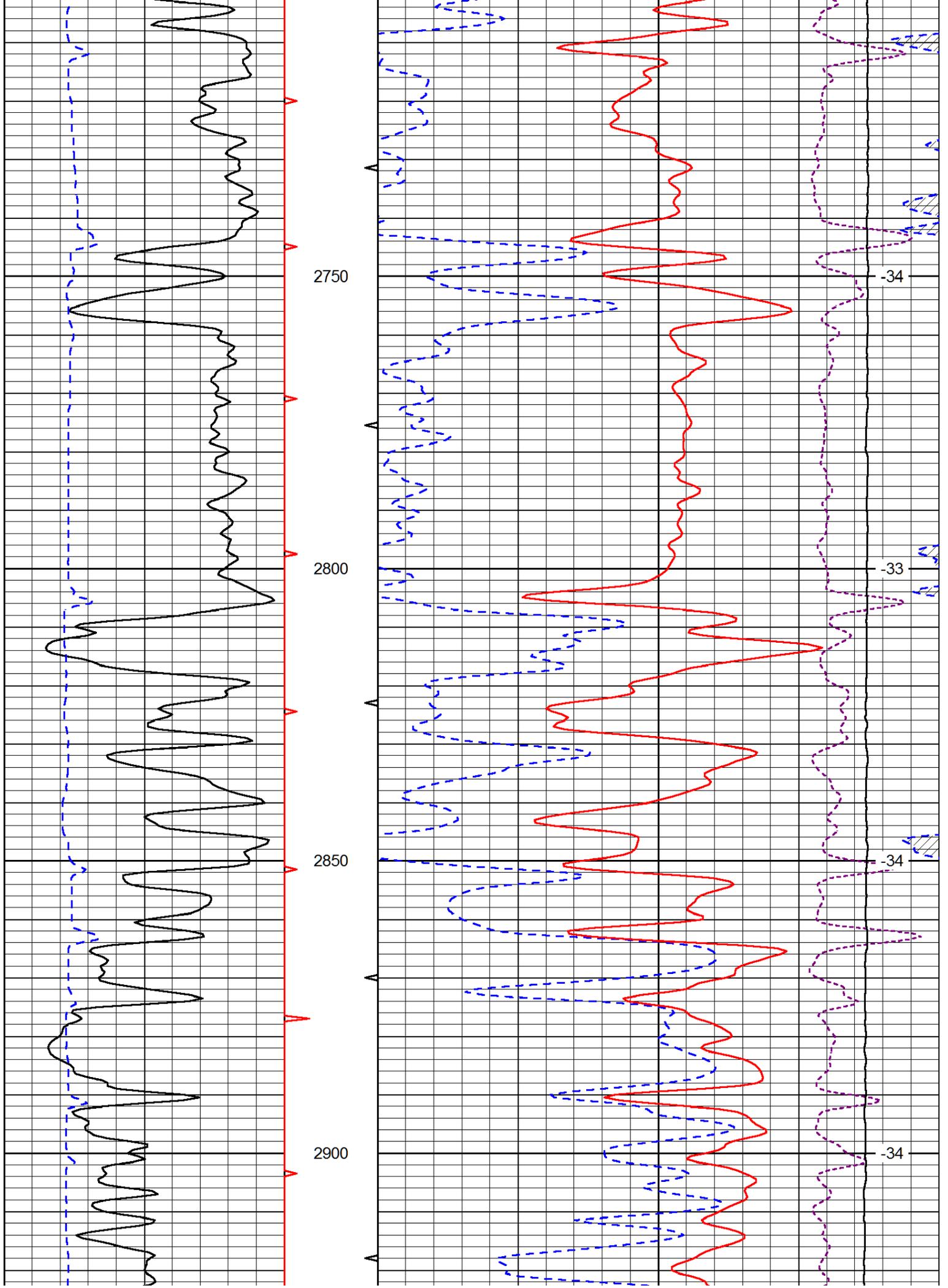
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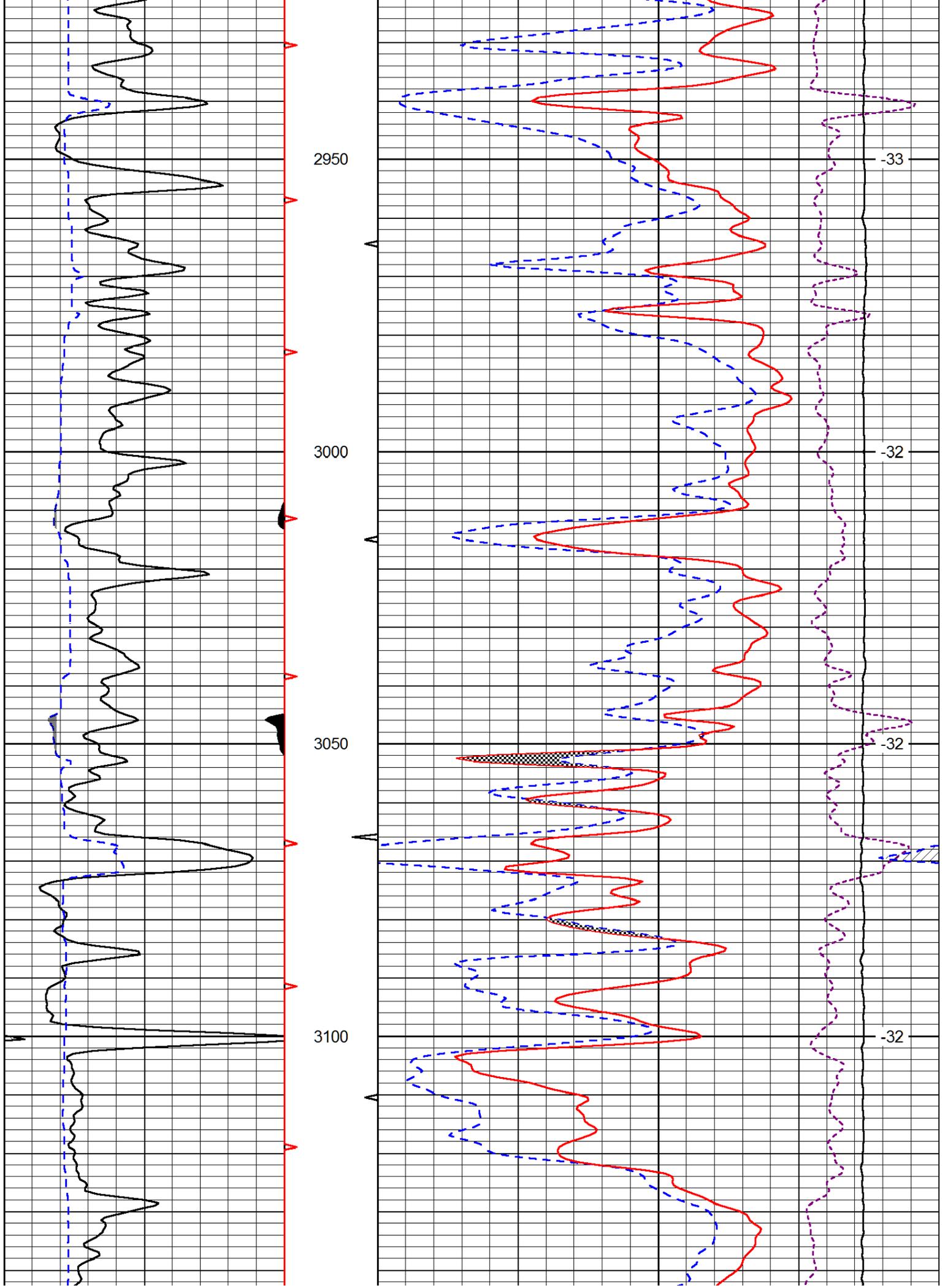


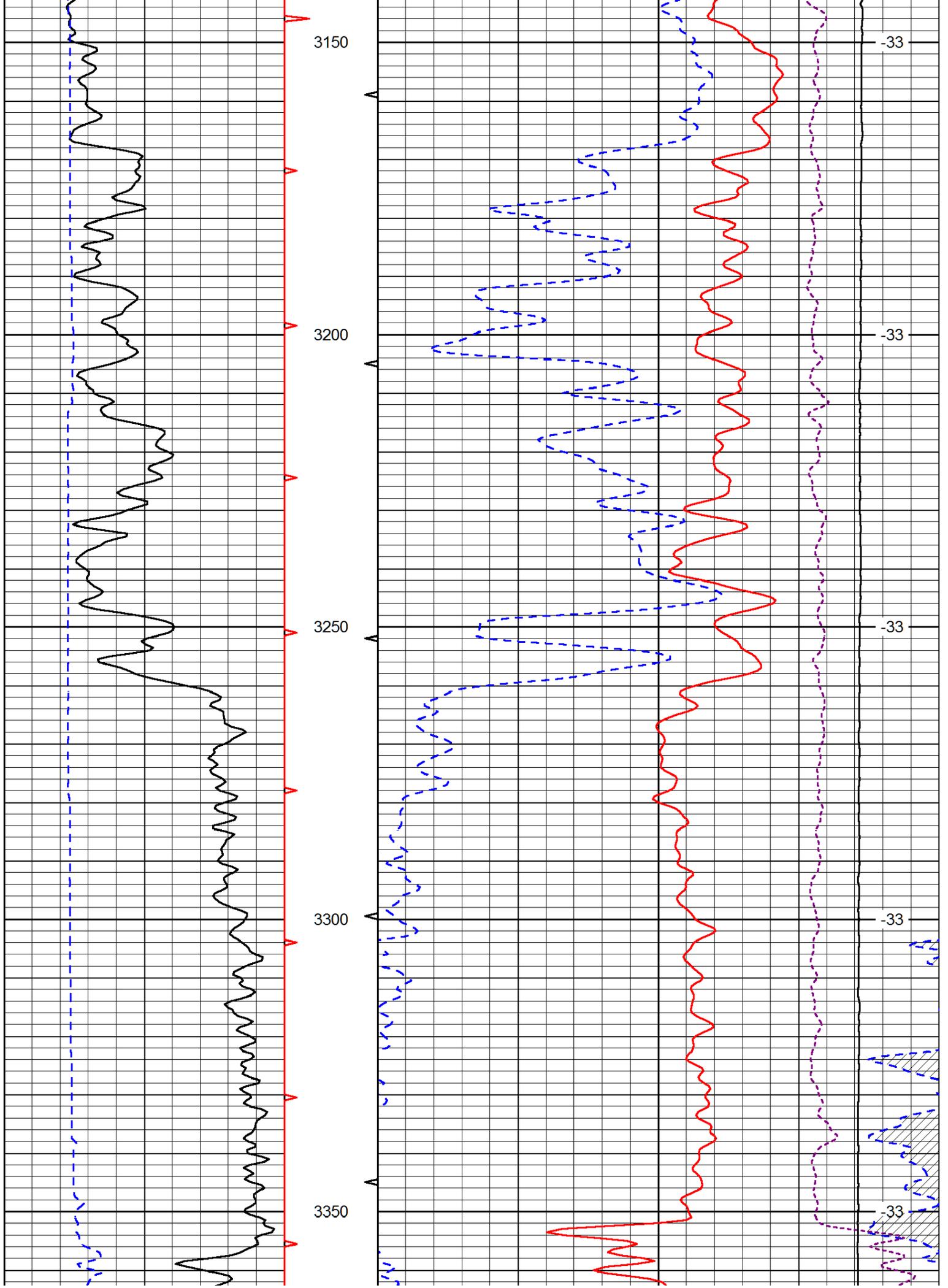
-0.25 Correction 0.25

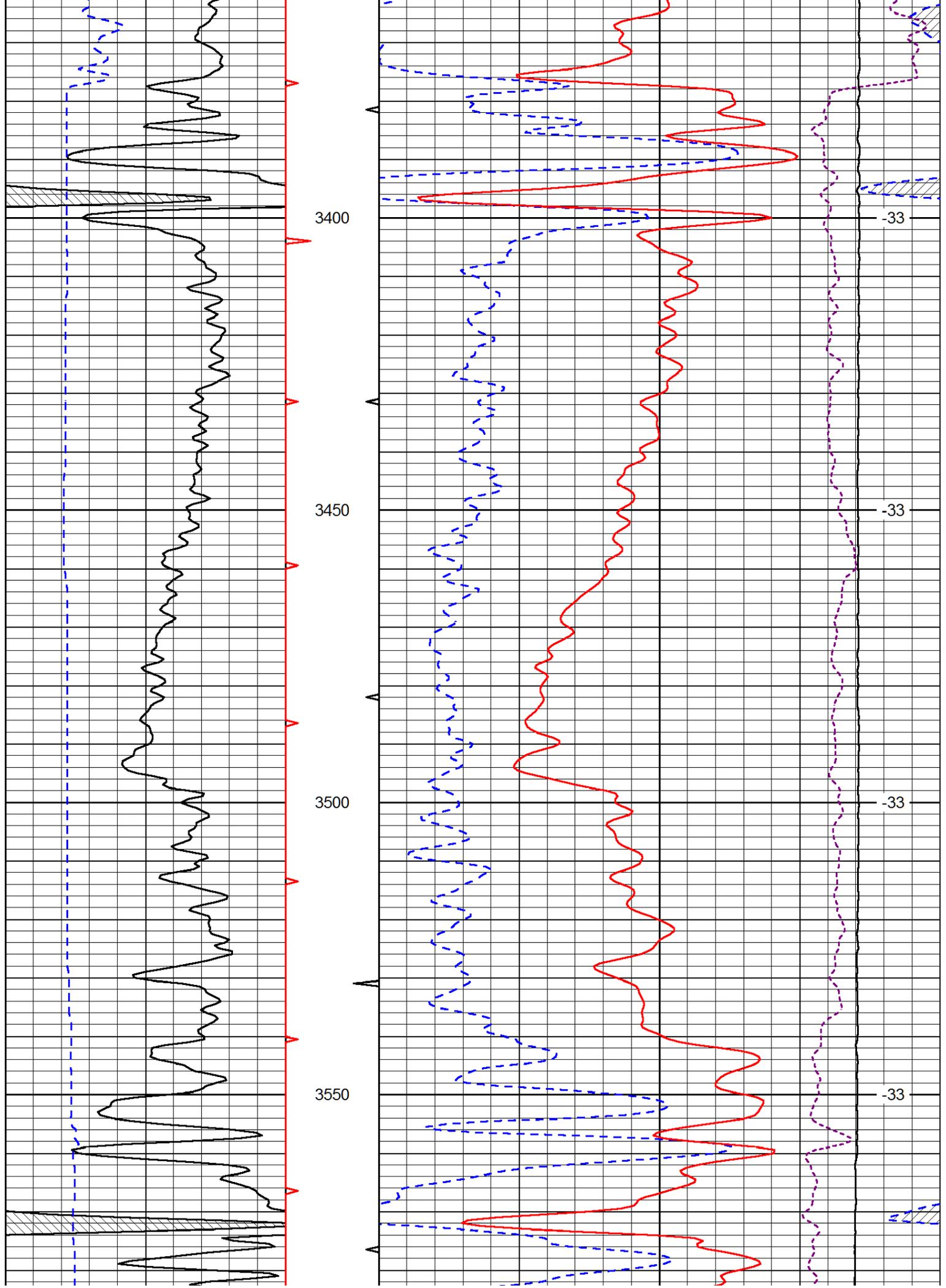
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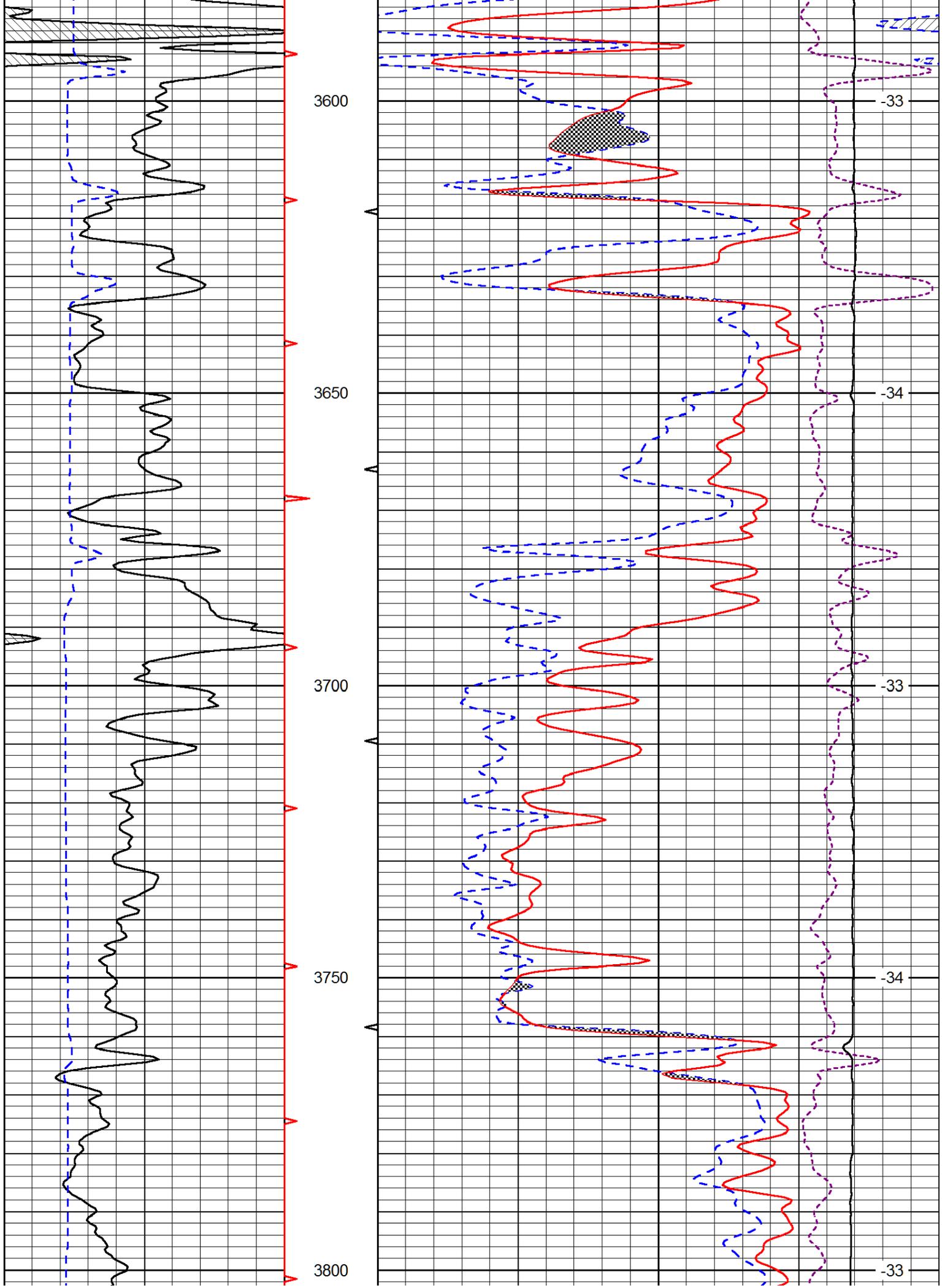


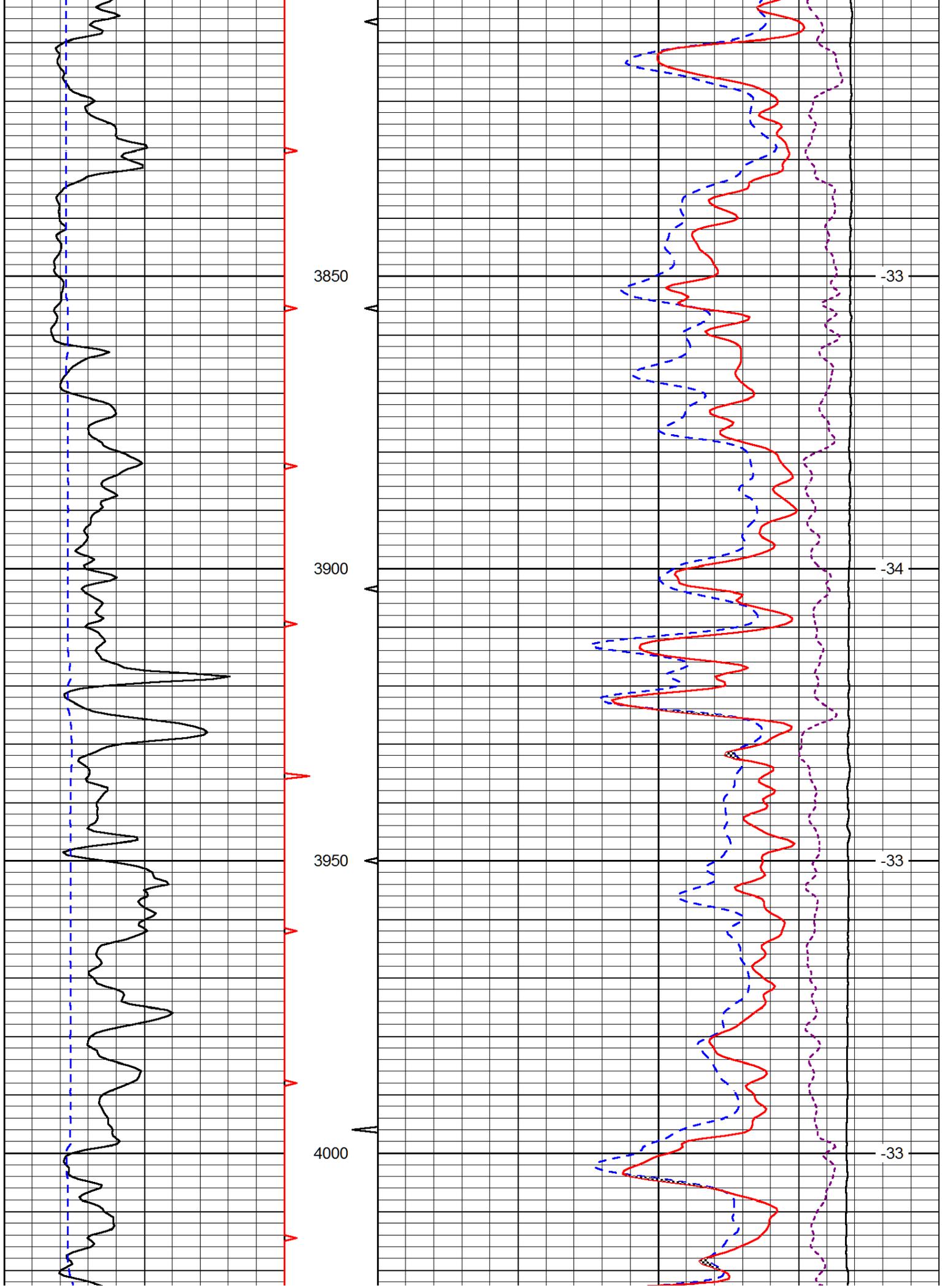


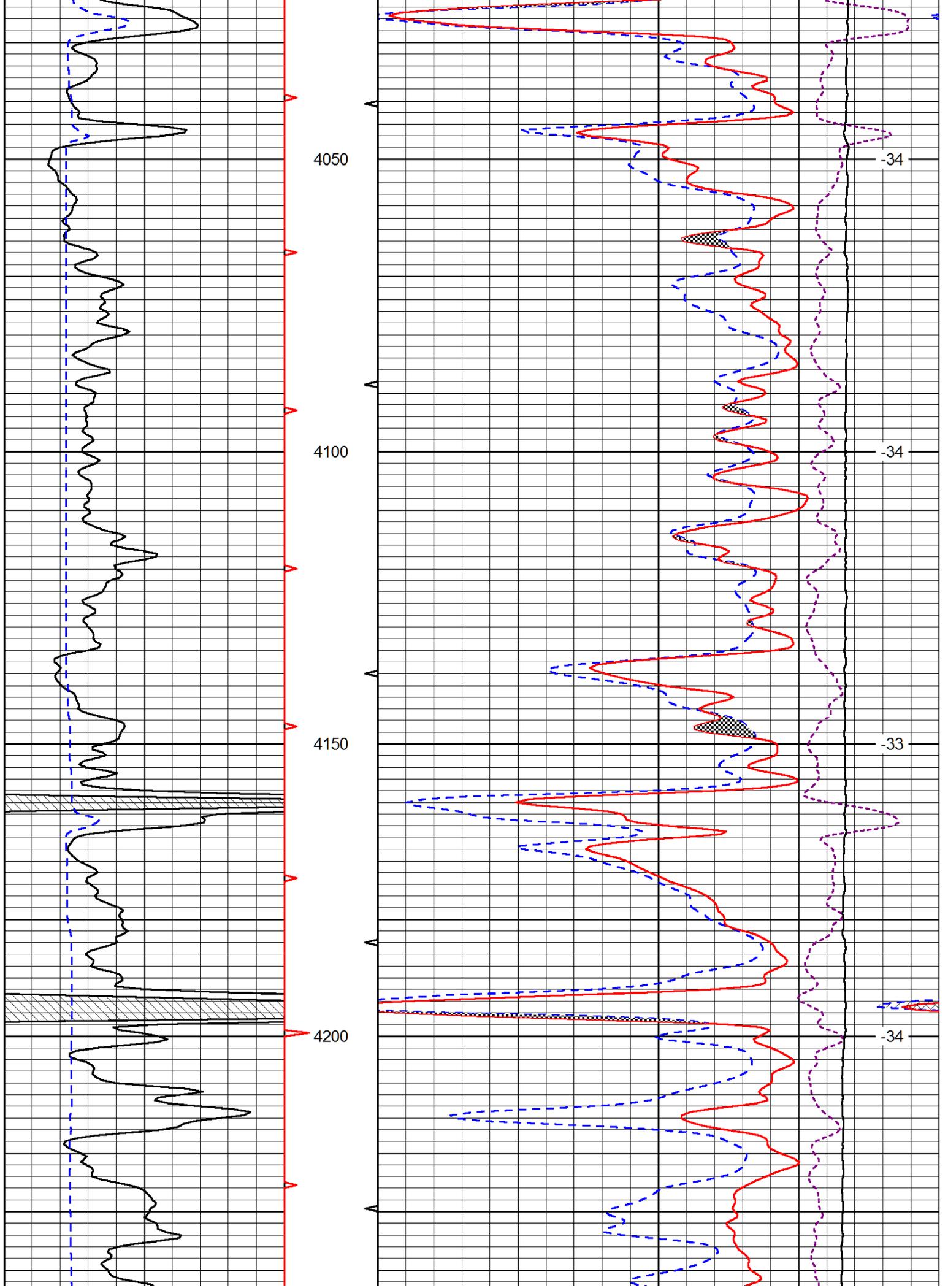


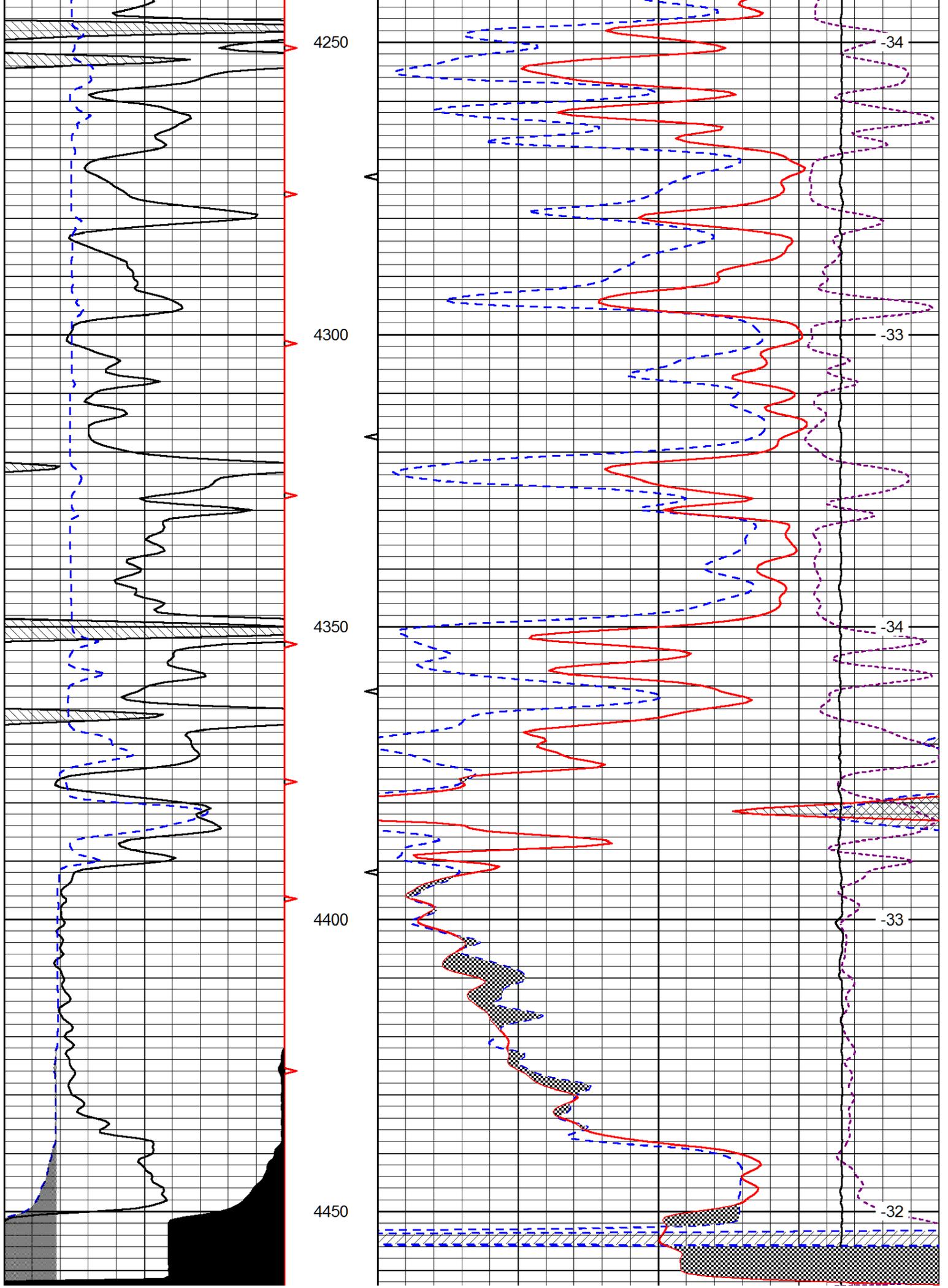


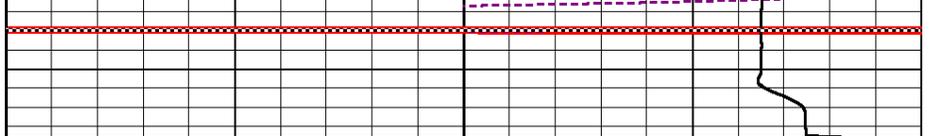
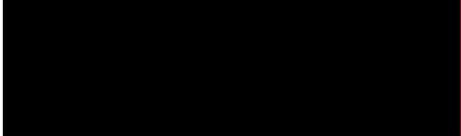












0	Gamma Ray	150
6	Caliper (GAPI)	16

30	CNLS	-10
30	Compensated Density (2.71 ma)	-10

10000	Line Tension	0
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-0.25	Correction	0.25
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LSPD