



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-163-24215-00-00

Company Coral Production Corporation

Well Griebel # 1-16

Field Locust Grove Southeast

County Rooks State Kansas

Location 1800' FNL & 1120' FWL

Other Services
BHCS

Sec: 16 Twp: 7 S Rge: 19 W

Permanent Datum Ground Level Elevation 1957
Log Measured From Kell Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 1965
D.F. 1957
G.L. 1957

Date 05-23-2014

Run Number One

Type Log CNL / CDL

Depth Driller 3476

Depth Logger 3472

Bottom Logged Interval 3470

Top Logged Interval 1200

Type Fluid In Hole Chemical

Salinity, PPM CL 1500

Density 9.1

Level Full

Max. Rec. Temp. F 111

Operating Rig Time 4 Hours

Equipment -- Location 17 Hays

Recorded By Y. Ruiz

Witnessed By Rick Hill

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.250	0	253	8.625	23#	0	253
Two	7.875	253	TD				

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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

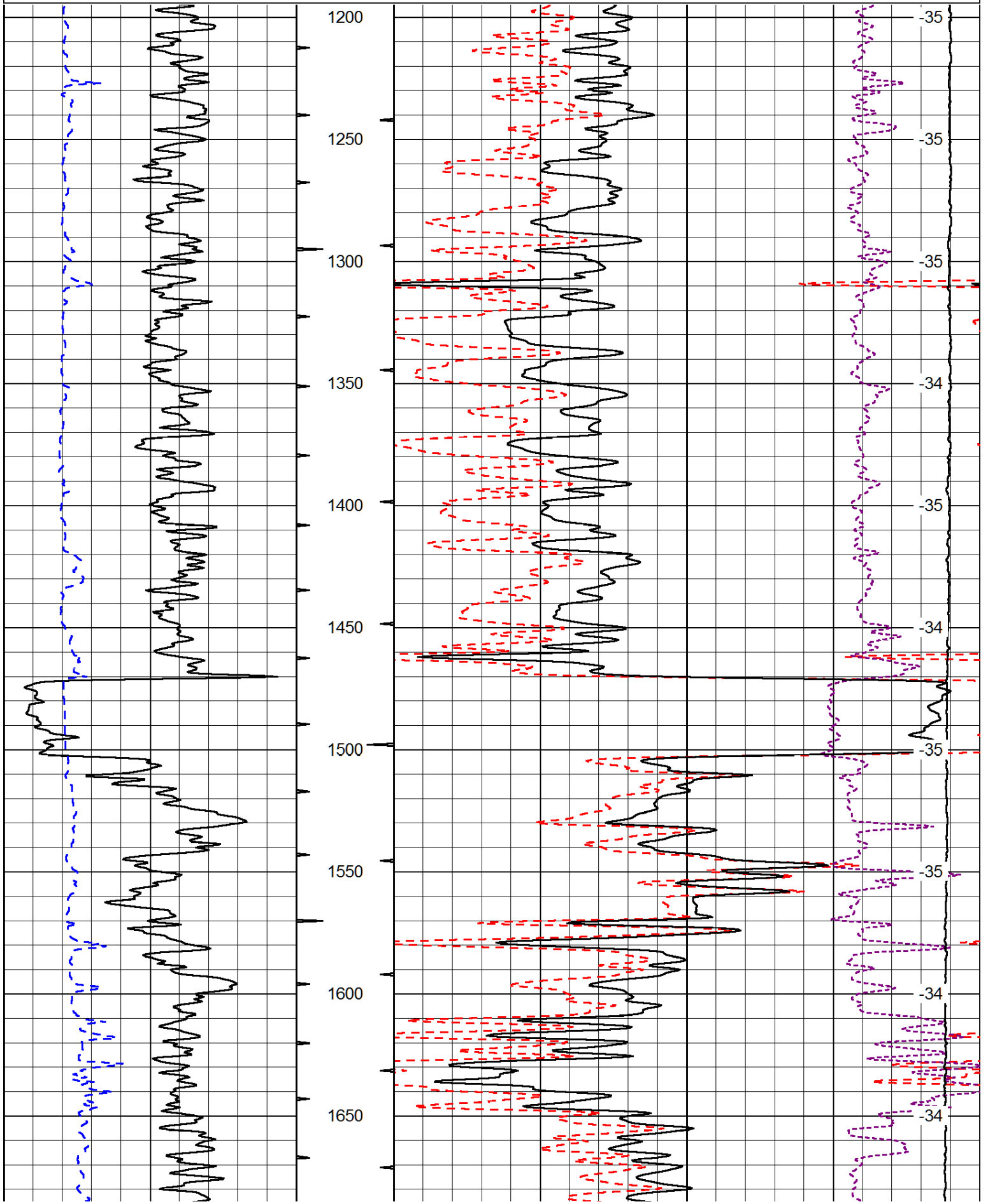
Thank you for using Log-Tech, Inc.
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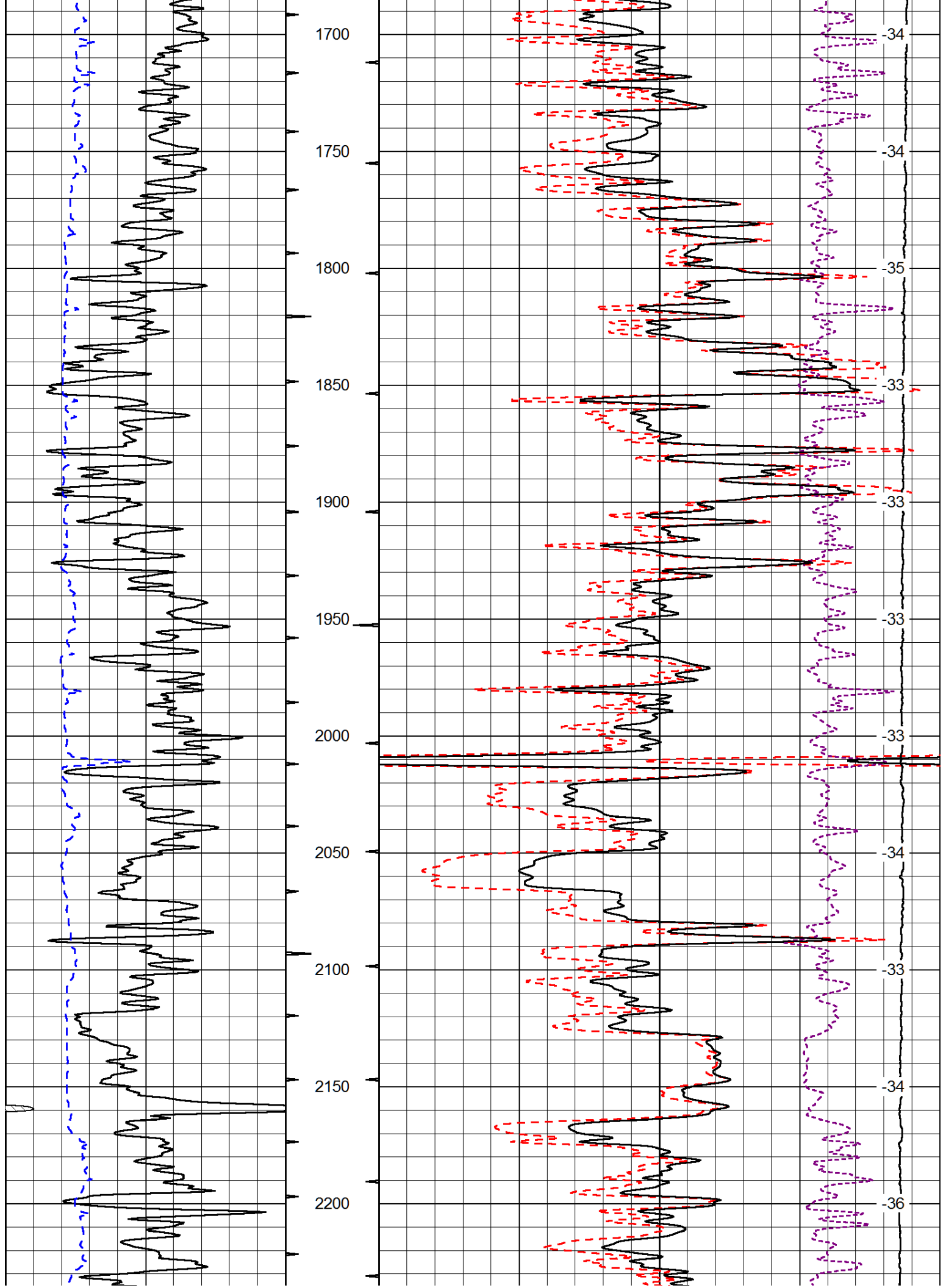
Stockton,
10 West to 9 Rd, 2 North,
East into

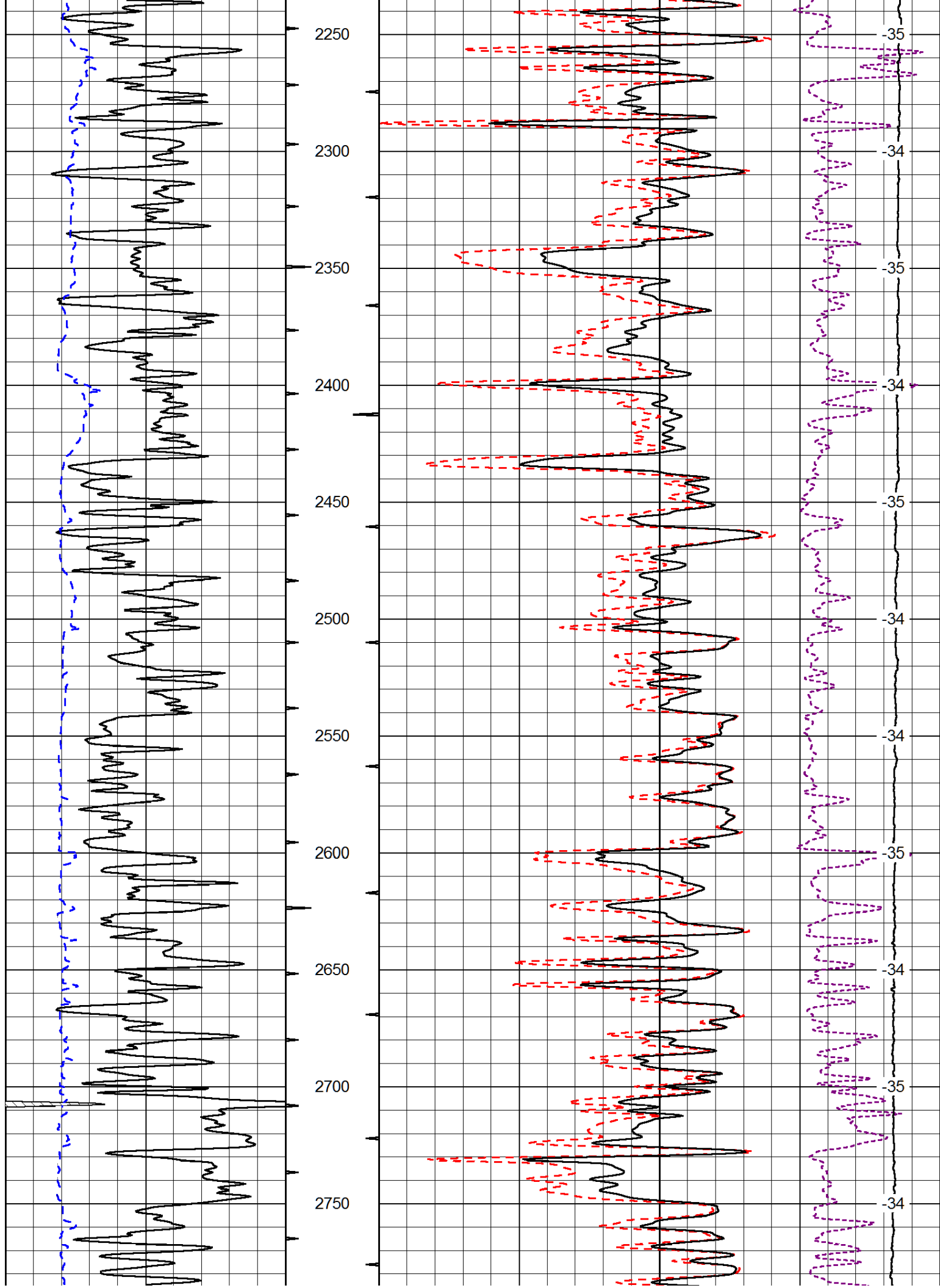
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Presentation Format: cdl
Dataset Creation: Fri May 23 05:17:46 2014
Charted by: Depth in Feet scaled 1:600

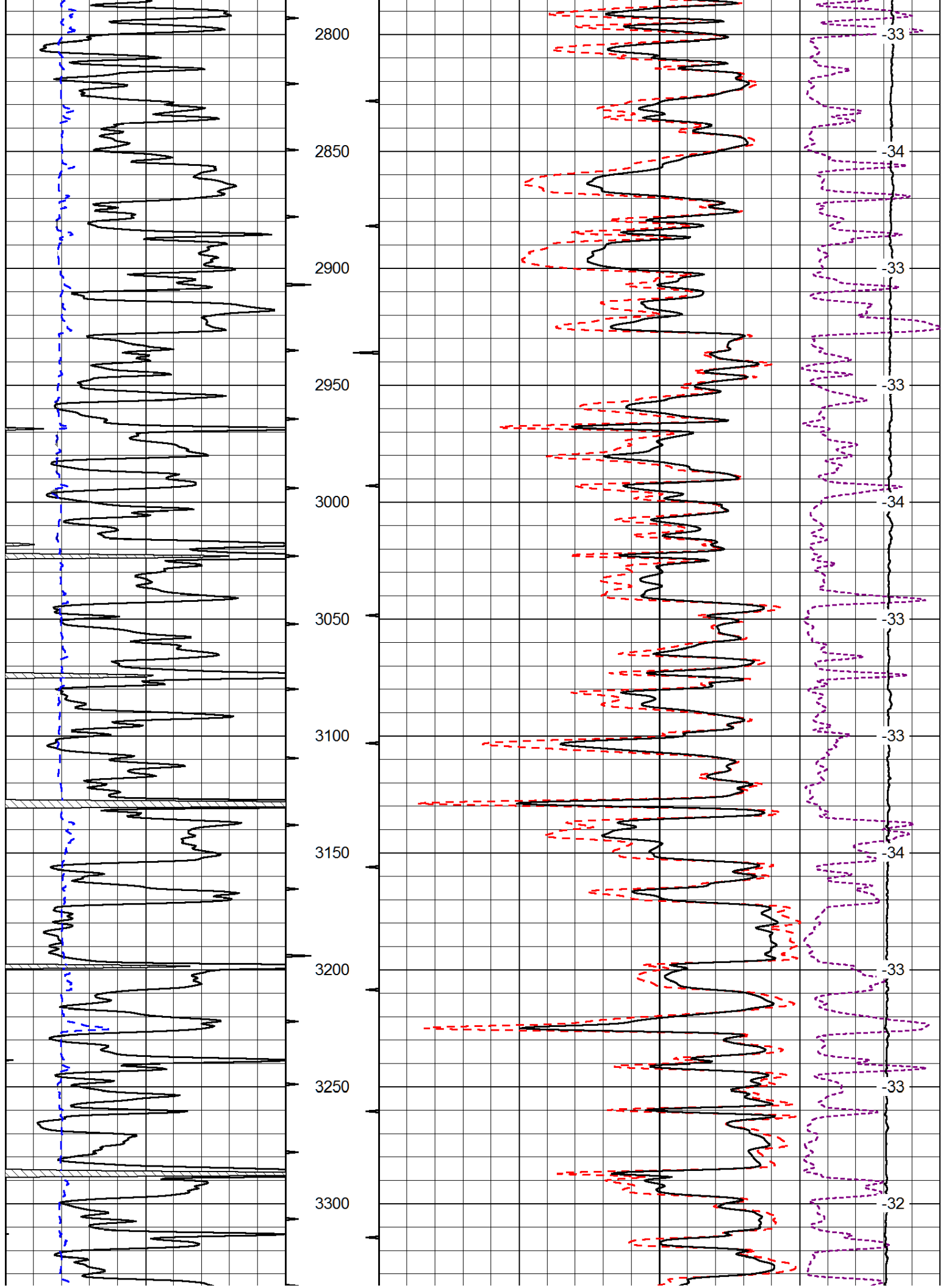
0	Gamma Ray	150
6	Caliper (GAPI)	16

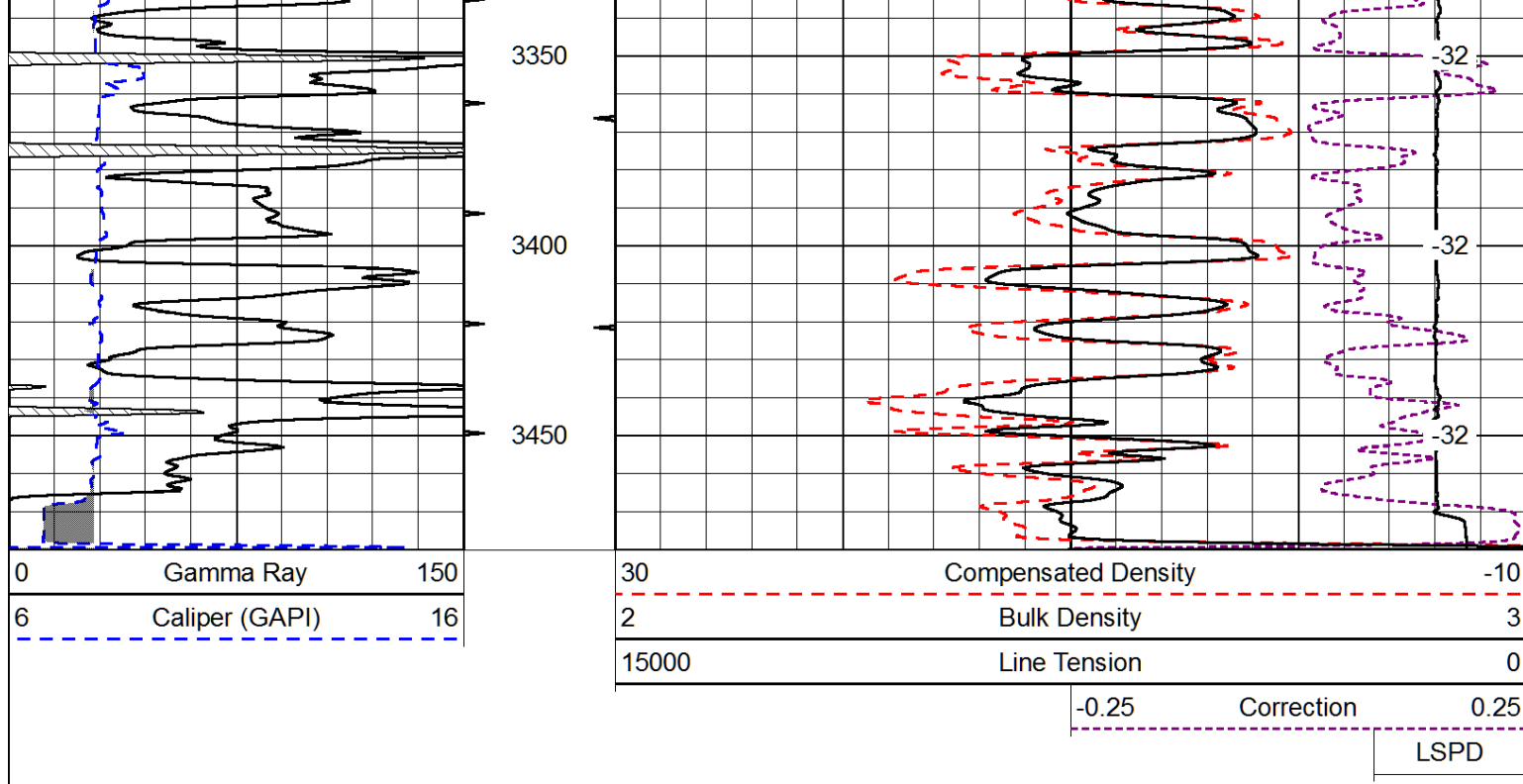
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
	-0.25	Correction	0.25
			LSPD



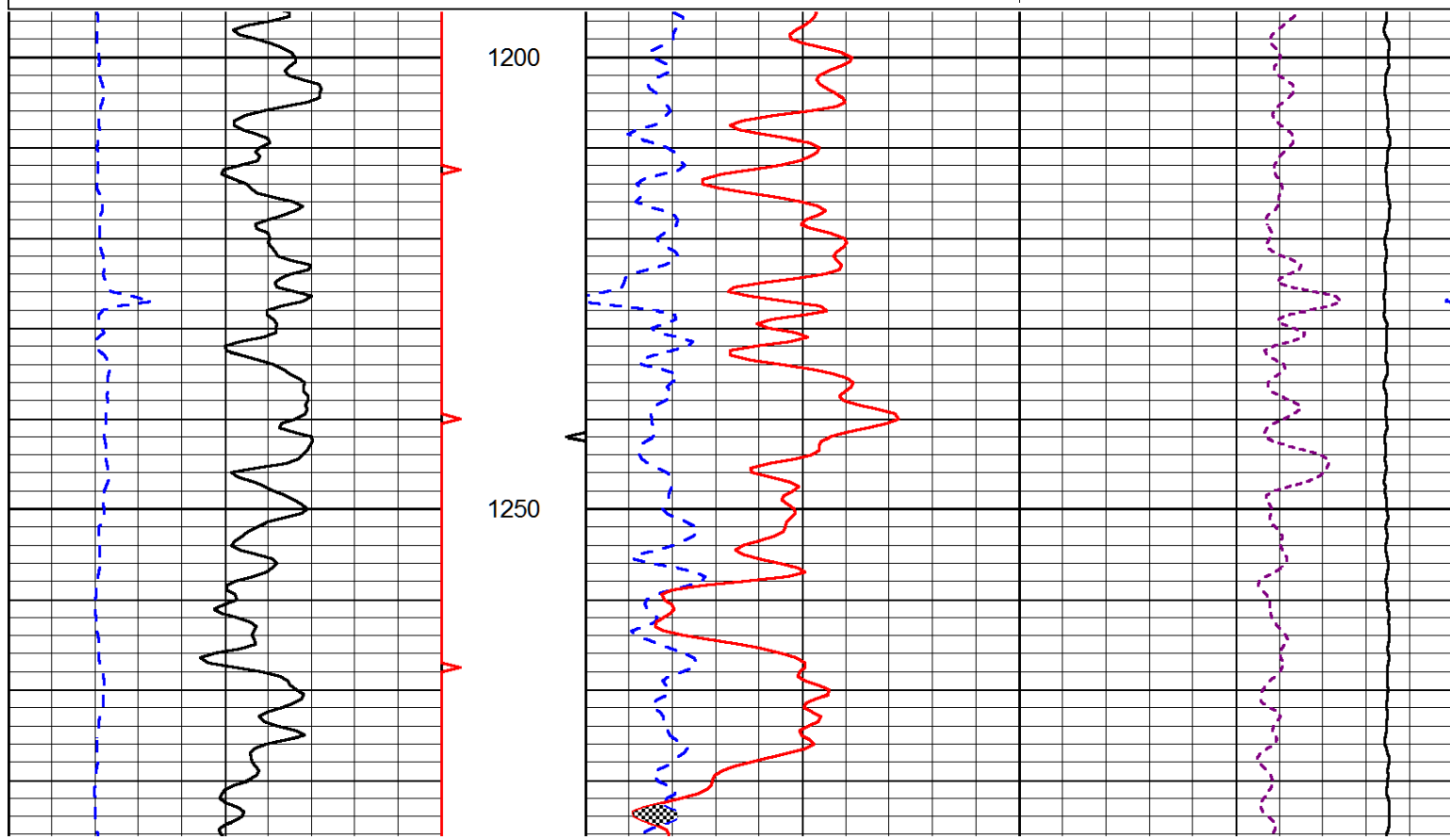
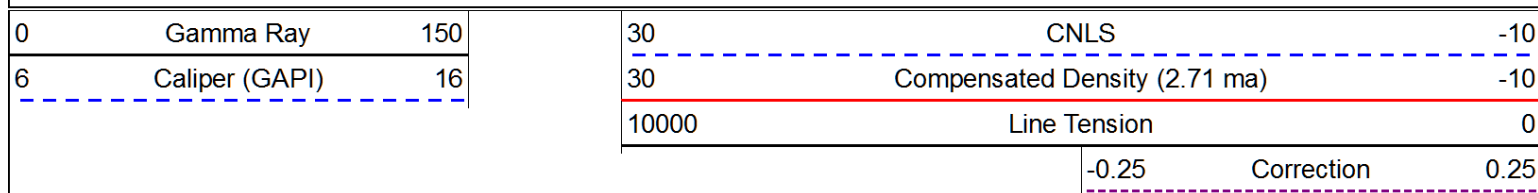


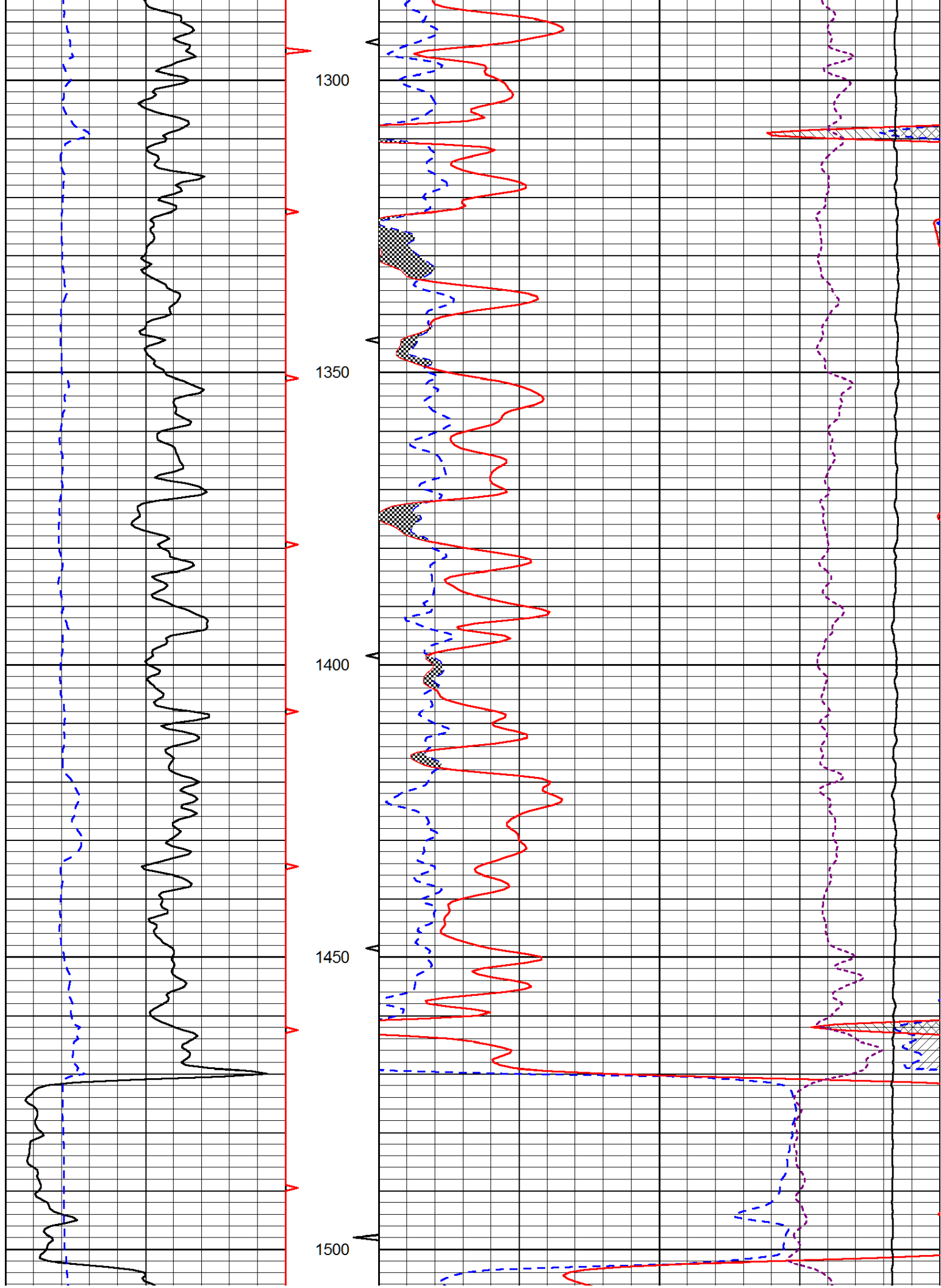


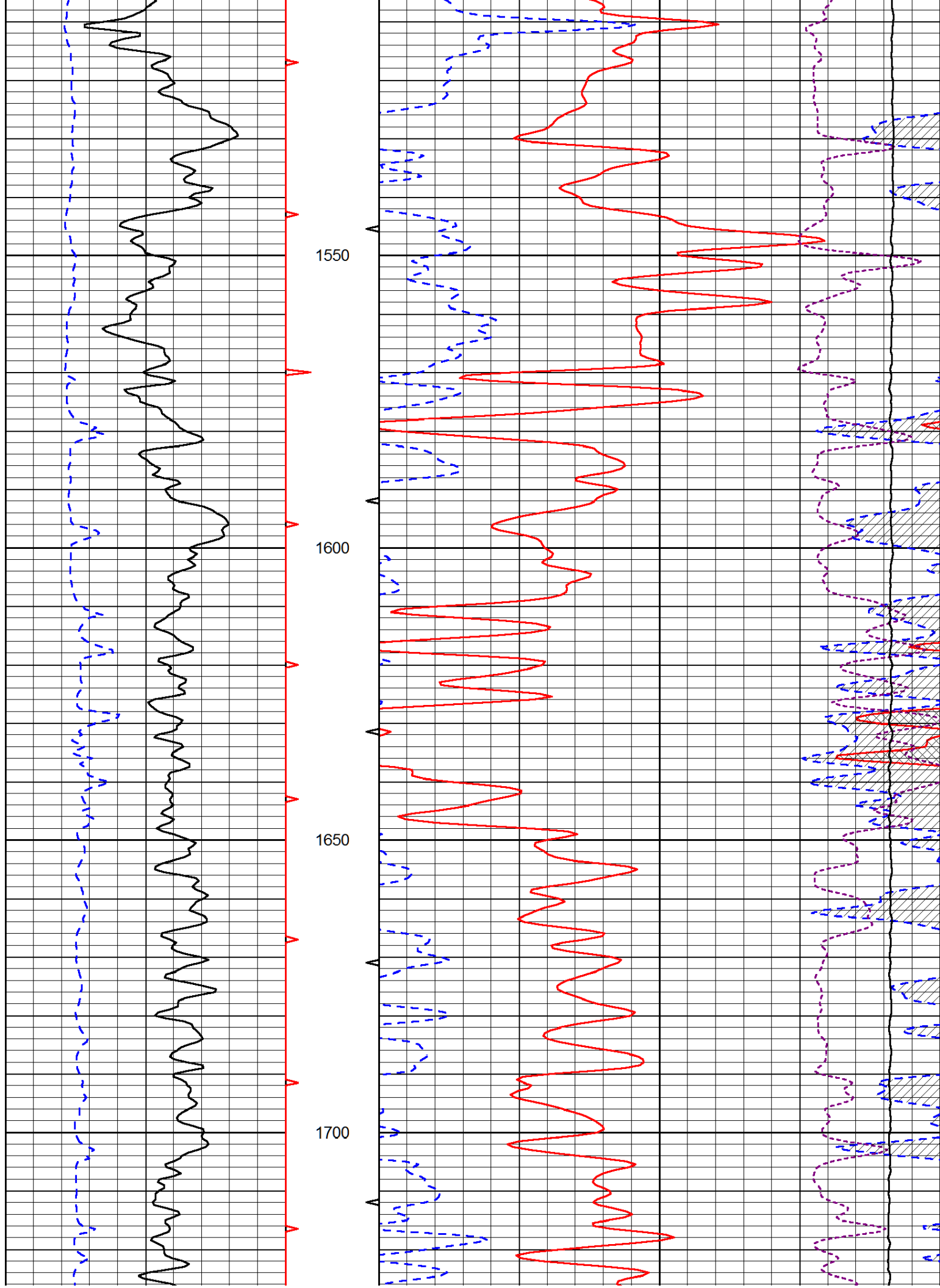


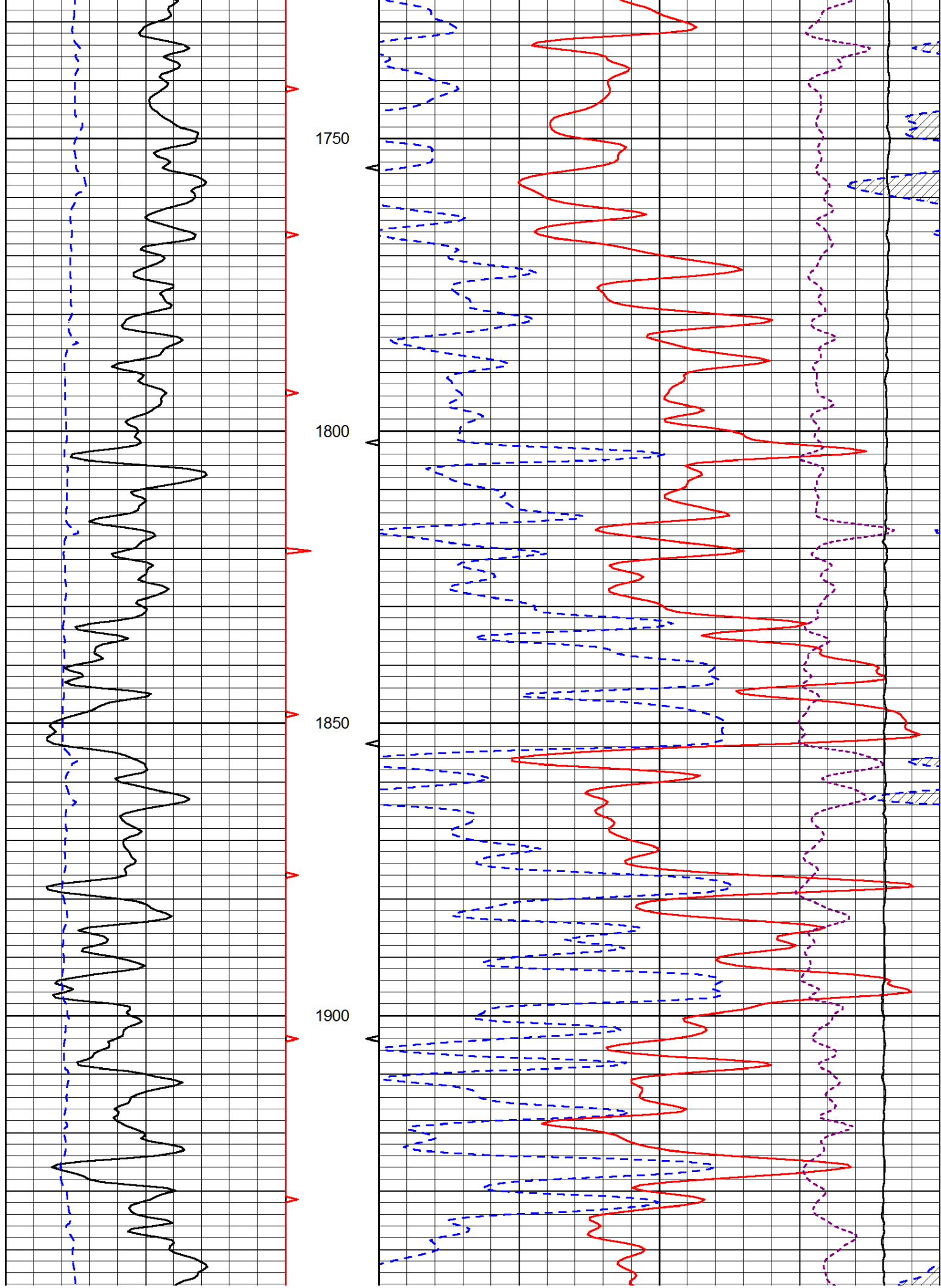


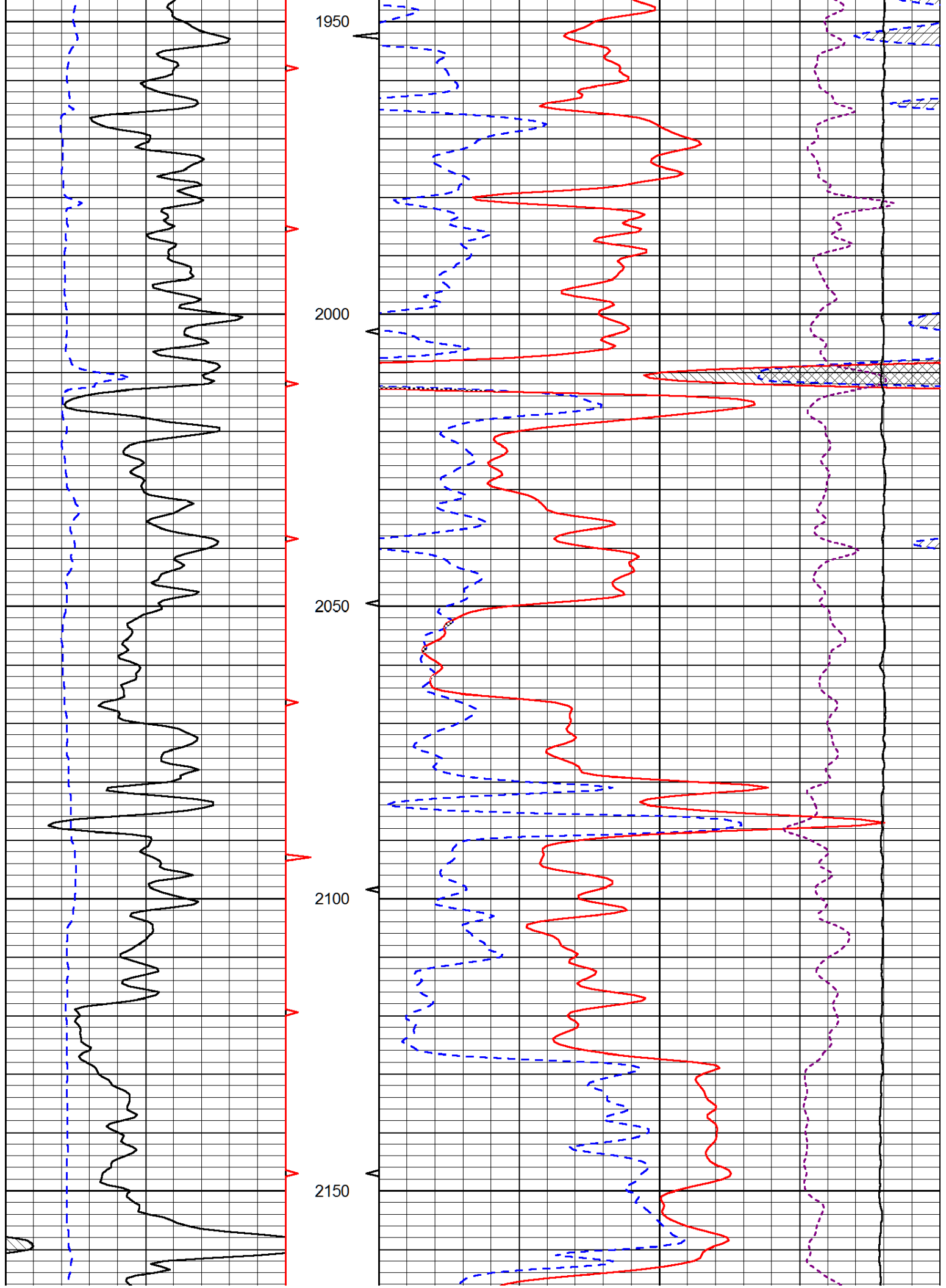
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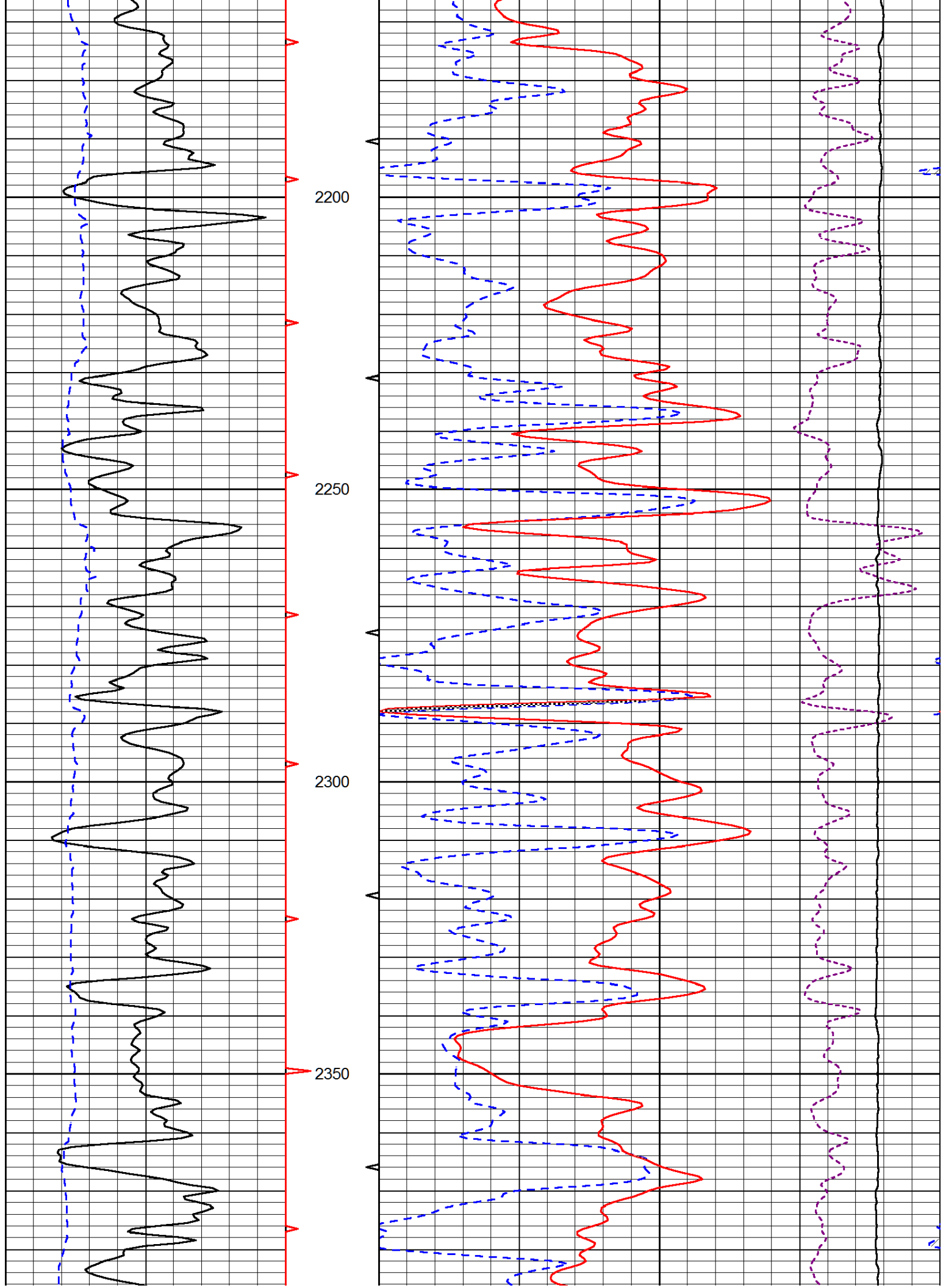


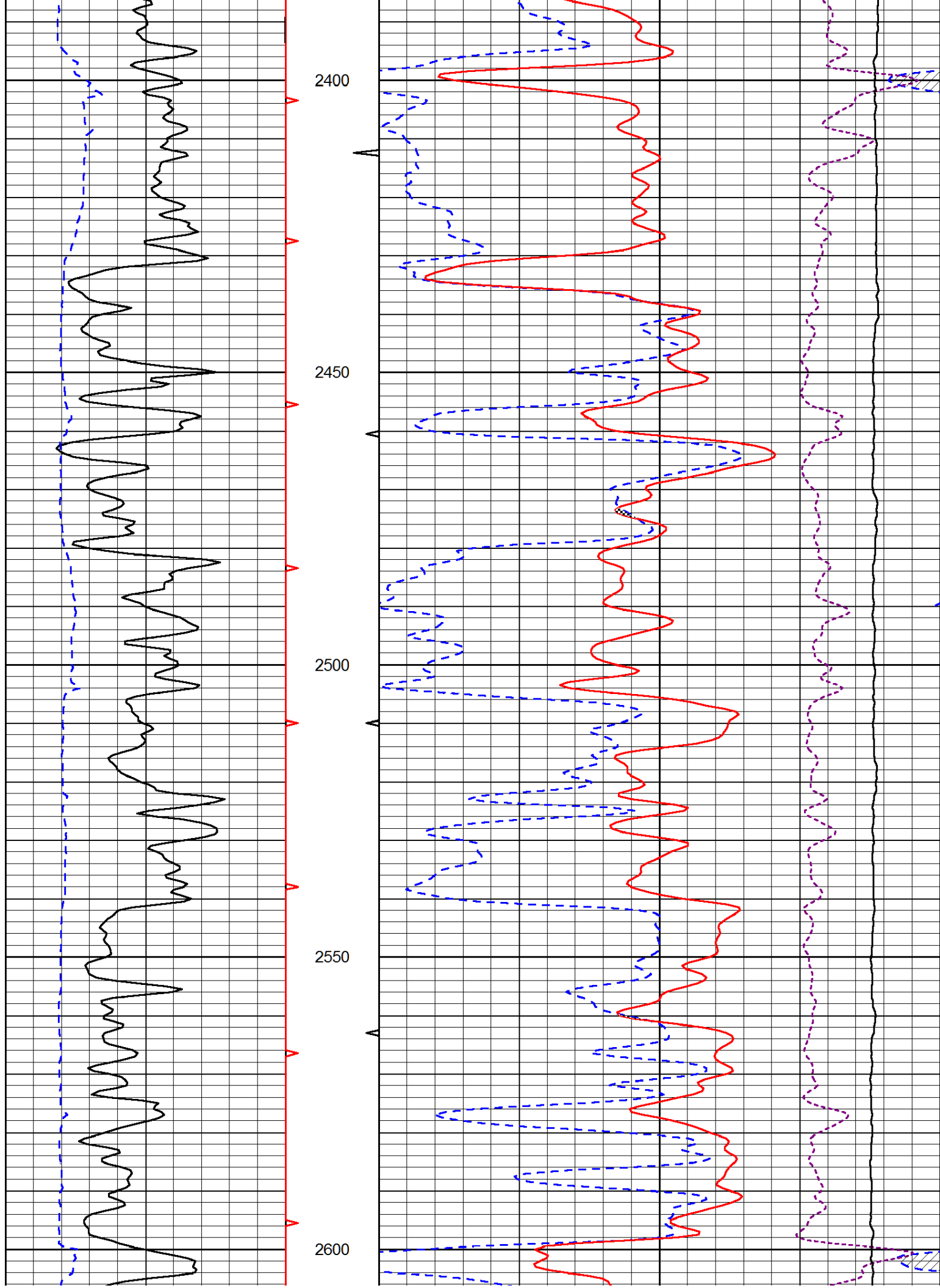


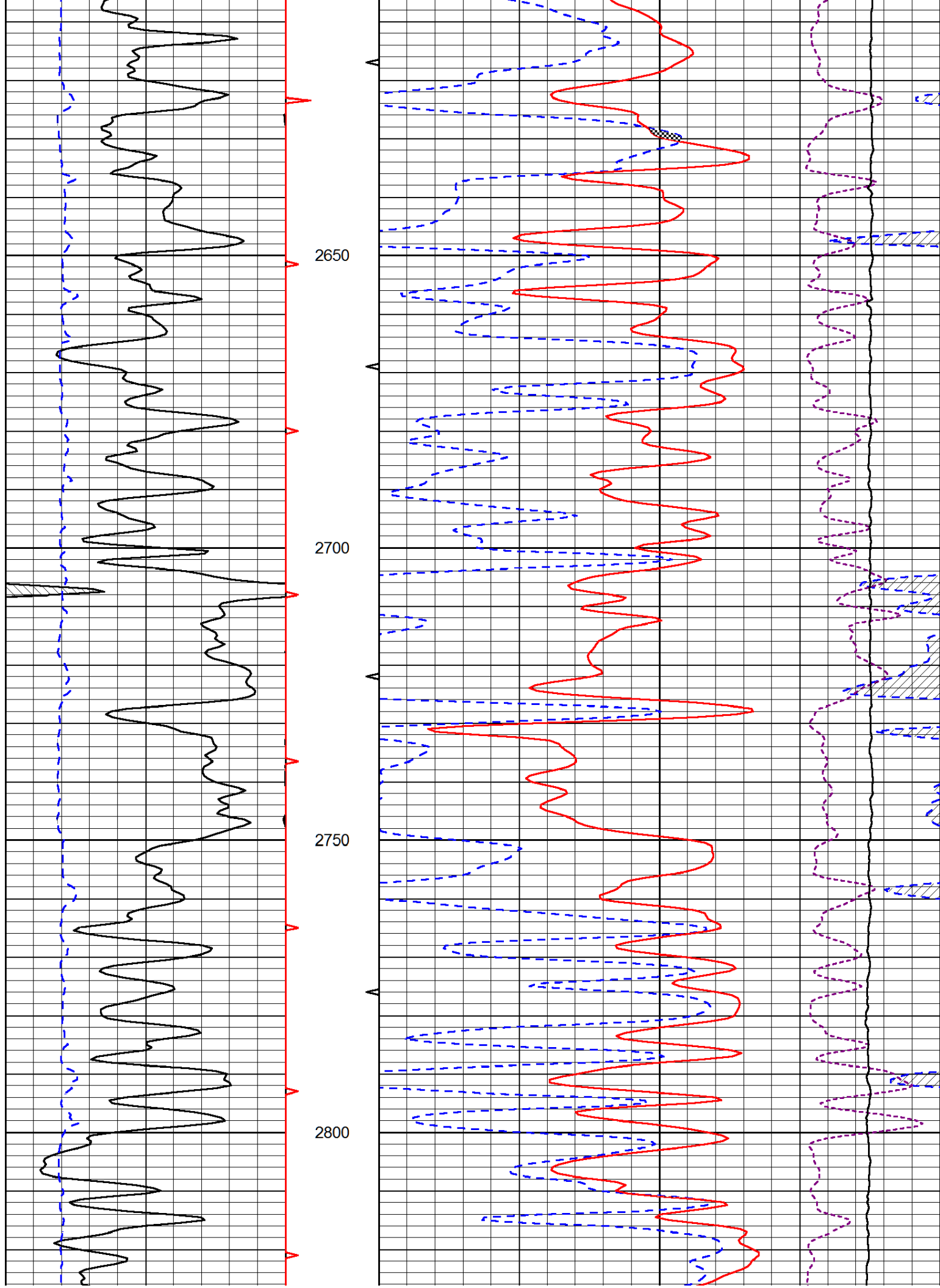


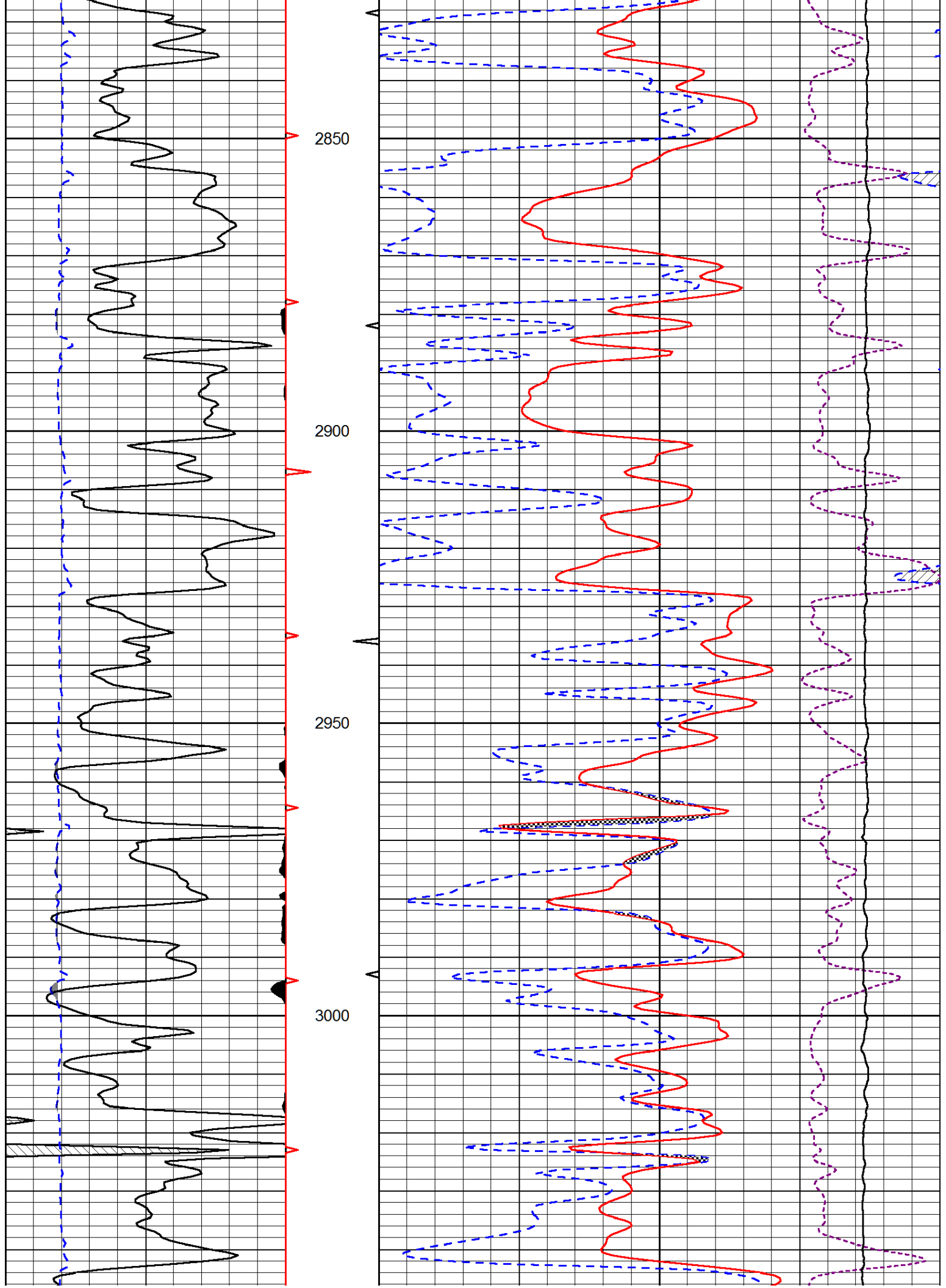


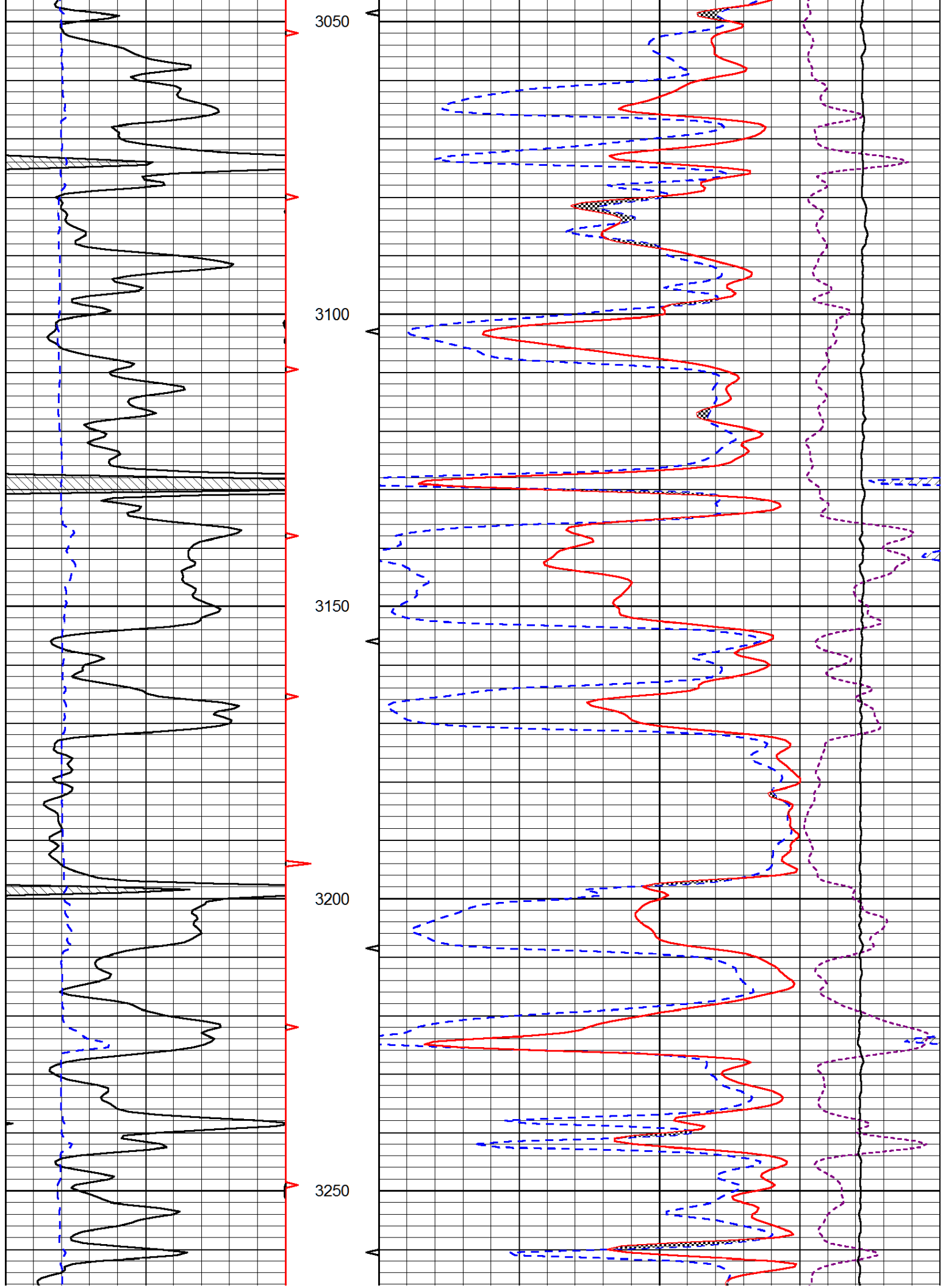


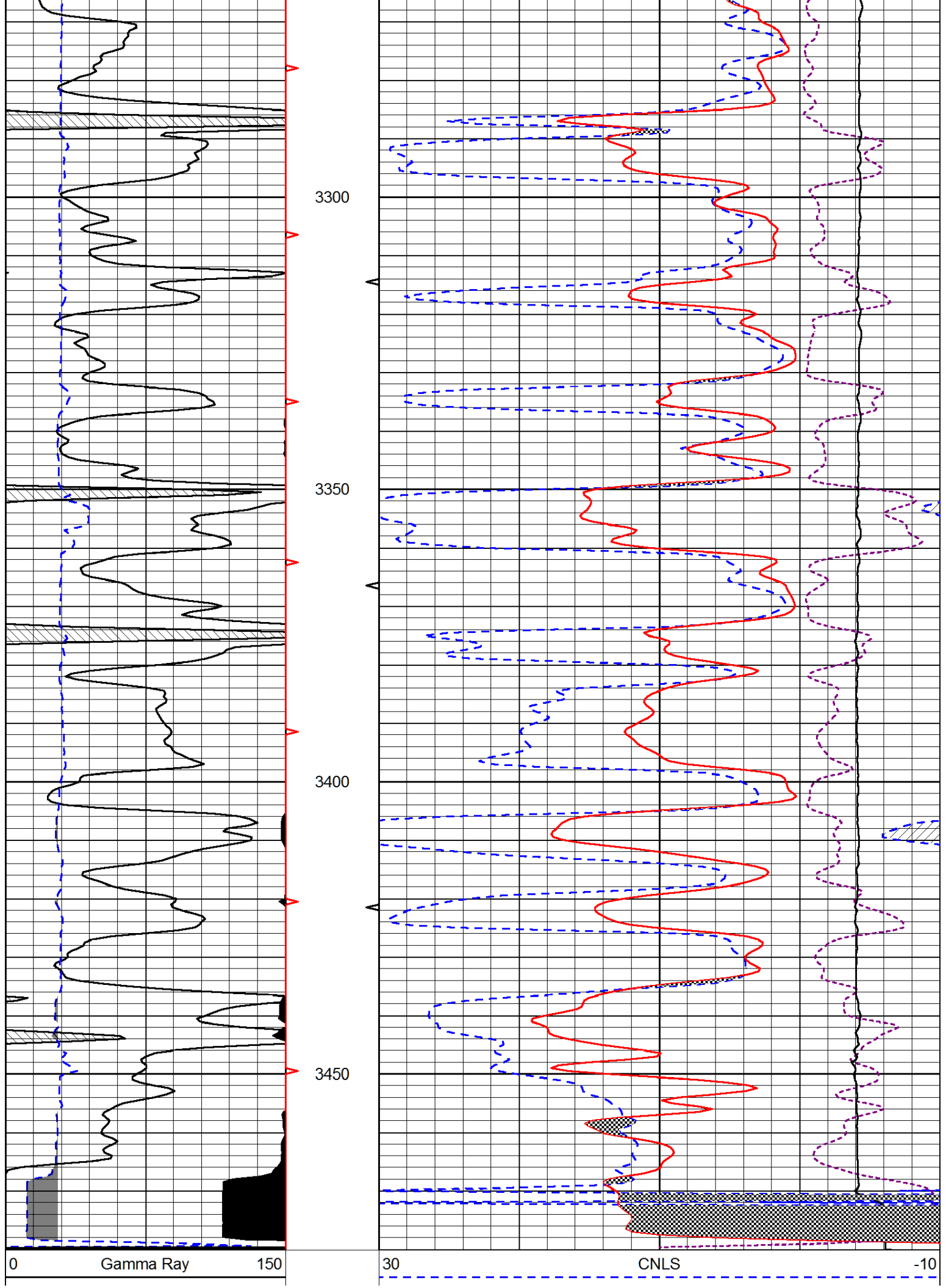












6	Caliper (GAP)	16

30	Compensated Density (2.71 ma)	-10
10000	Line Tension	0
	-0.25	Correction
		0.25