



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-129-21,955-00-00

Company Scout Energy Management, LLC.

Well Berryman Richfield Unit #9-1A

Field Richfield

County Morton

State Kansas

Location NE SW NE SE
1955' FSL & 792' FEL

Sec: 34

Twp: 32S

Rge: 41W

Elevation

Permanent Datum Ground Level Elevation 3407
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 12/13/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

5200

Depth Logger

5208

Bottom Logged Interval

5187

Top Logged Interval

1550

Type Fluid In Hole

Chemical

Salinity, PPM CL

1200

Density

9.3

Level

Full

Max. Rec. Temp. F

128

Operating Rig Time

5 1/2 Hours

Equipment -- Location

15 Hays

Recorded By

D Kerr

Witnessed By

David Rice

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	1595	8.625	23#	00	1595
Two	7.875	1595	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.

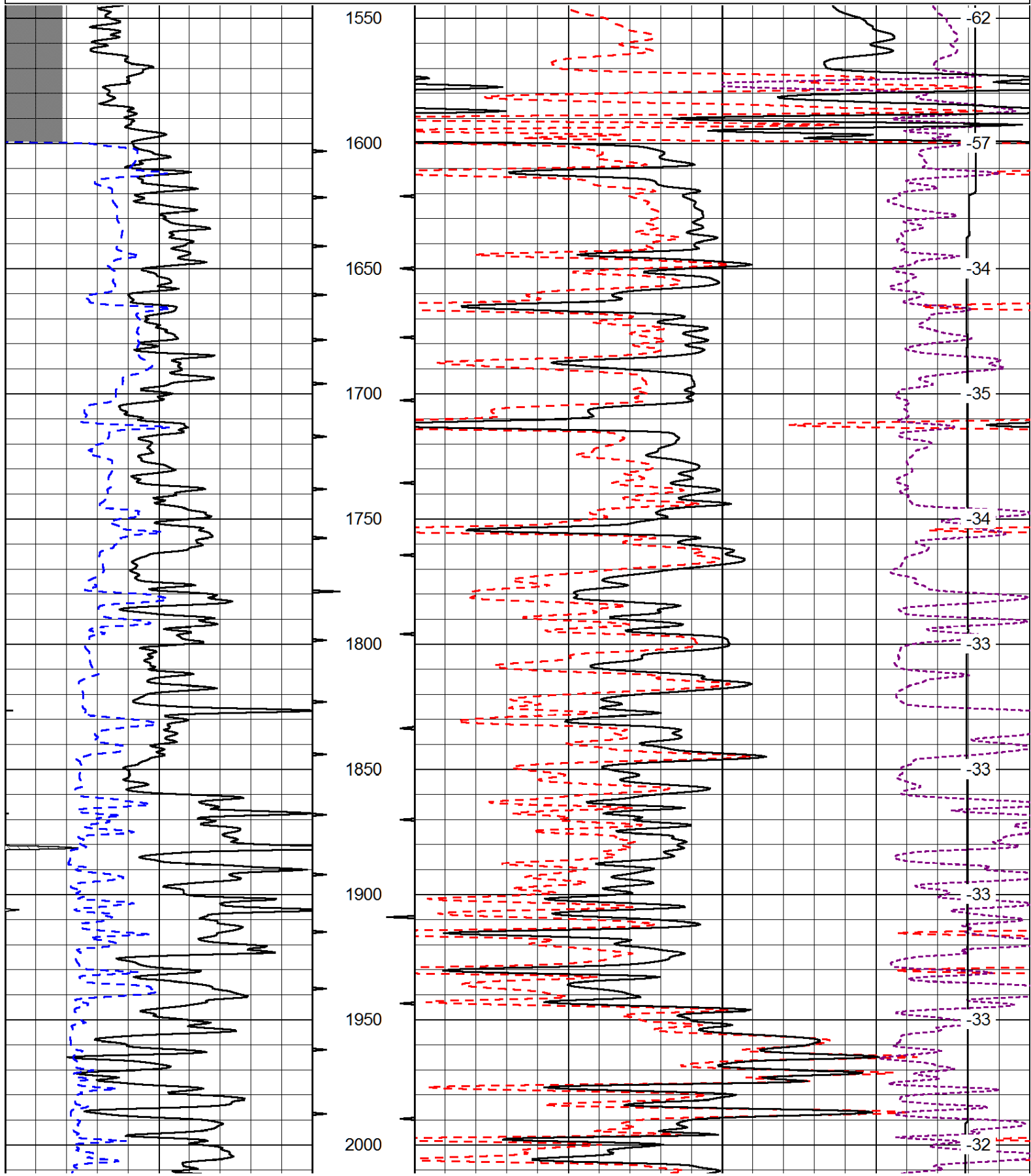
Comments

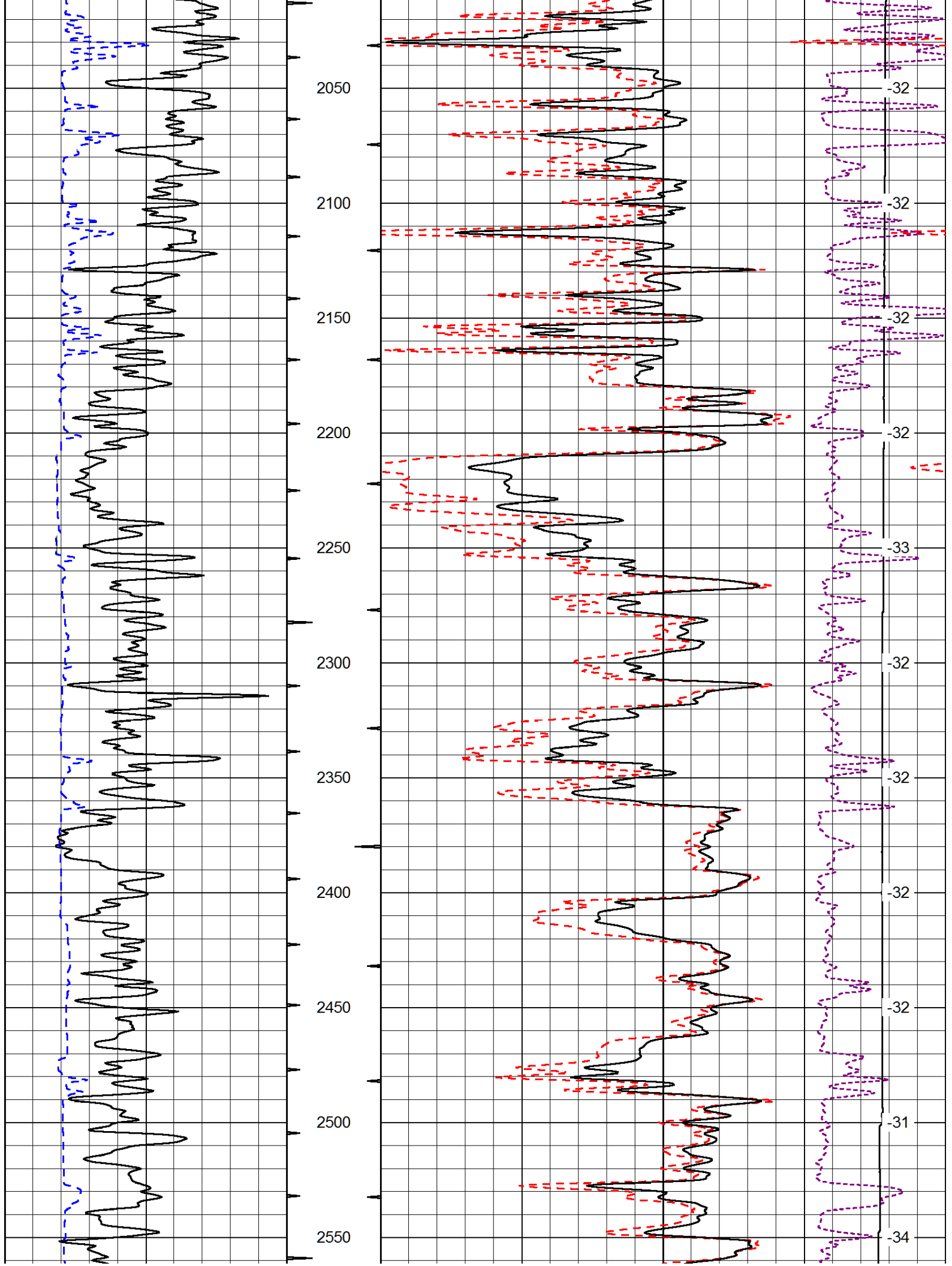
Thank you for using Log-Tech, Inc.
(785) 625-3858

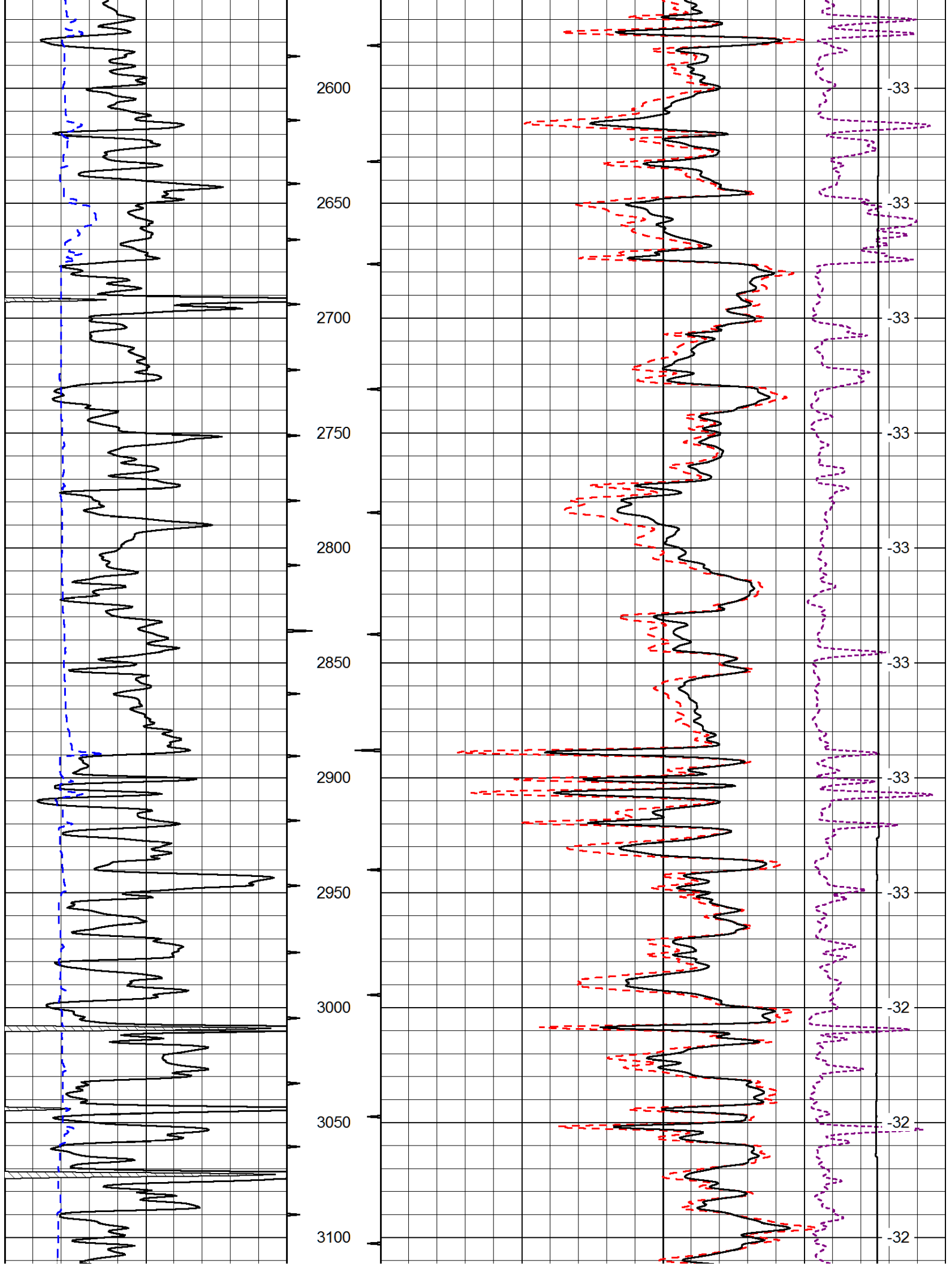
Rolla KS , 8 North, 6 West,
3/4 South, West Into

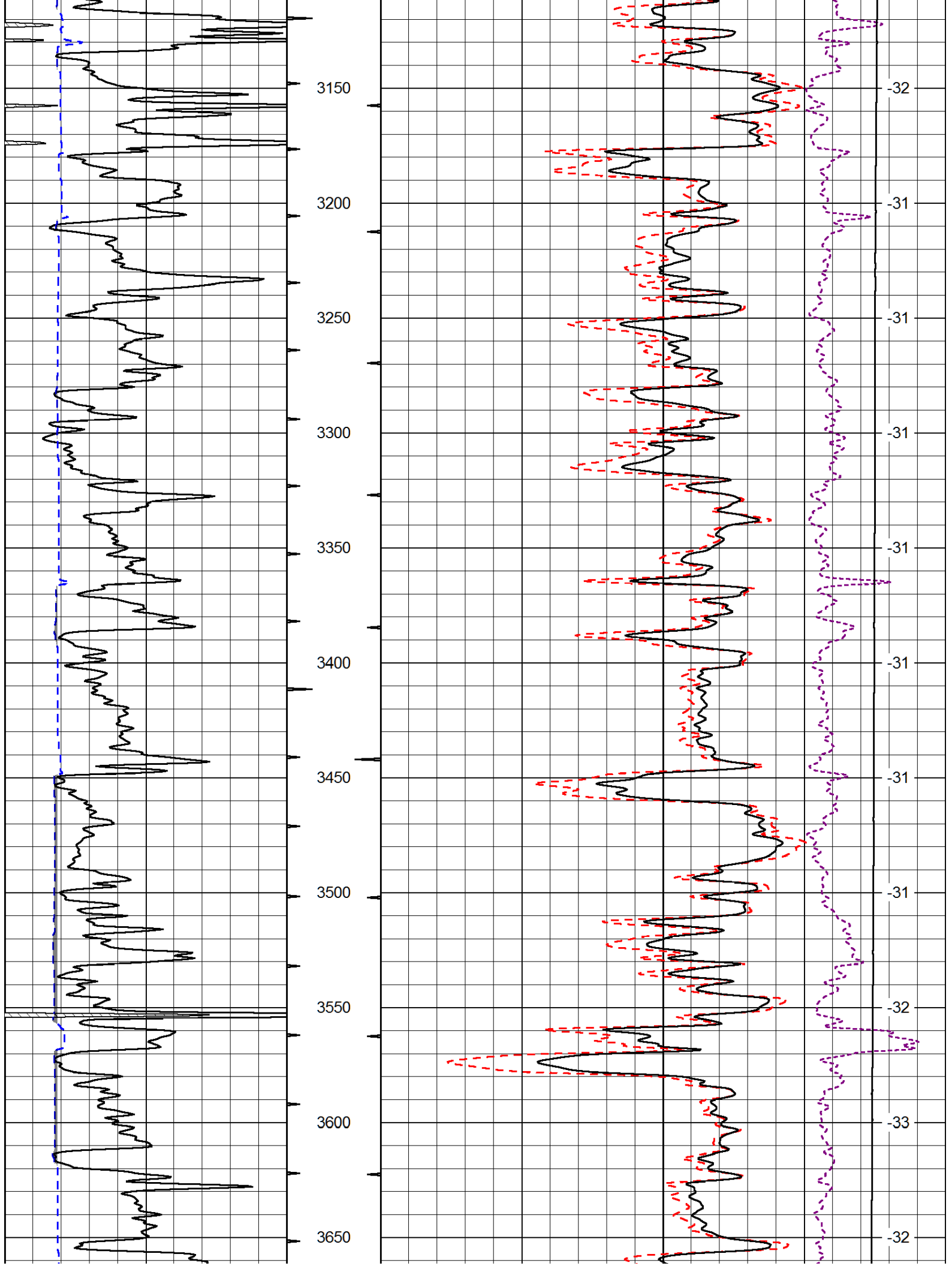
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

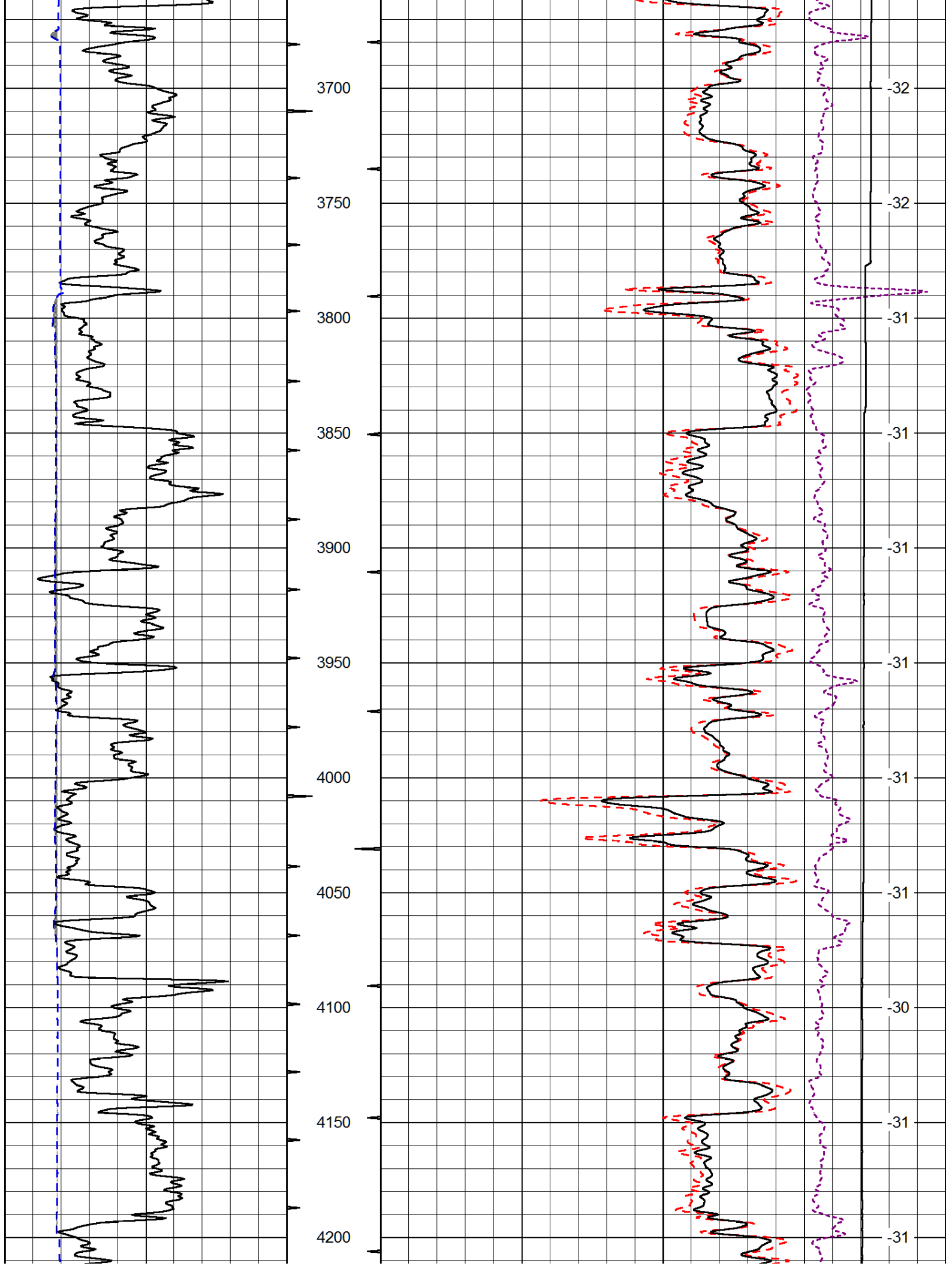
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
	-0.25	Correction (g/cc)	0.25
			LSPD
			(ft/min)

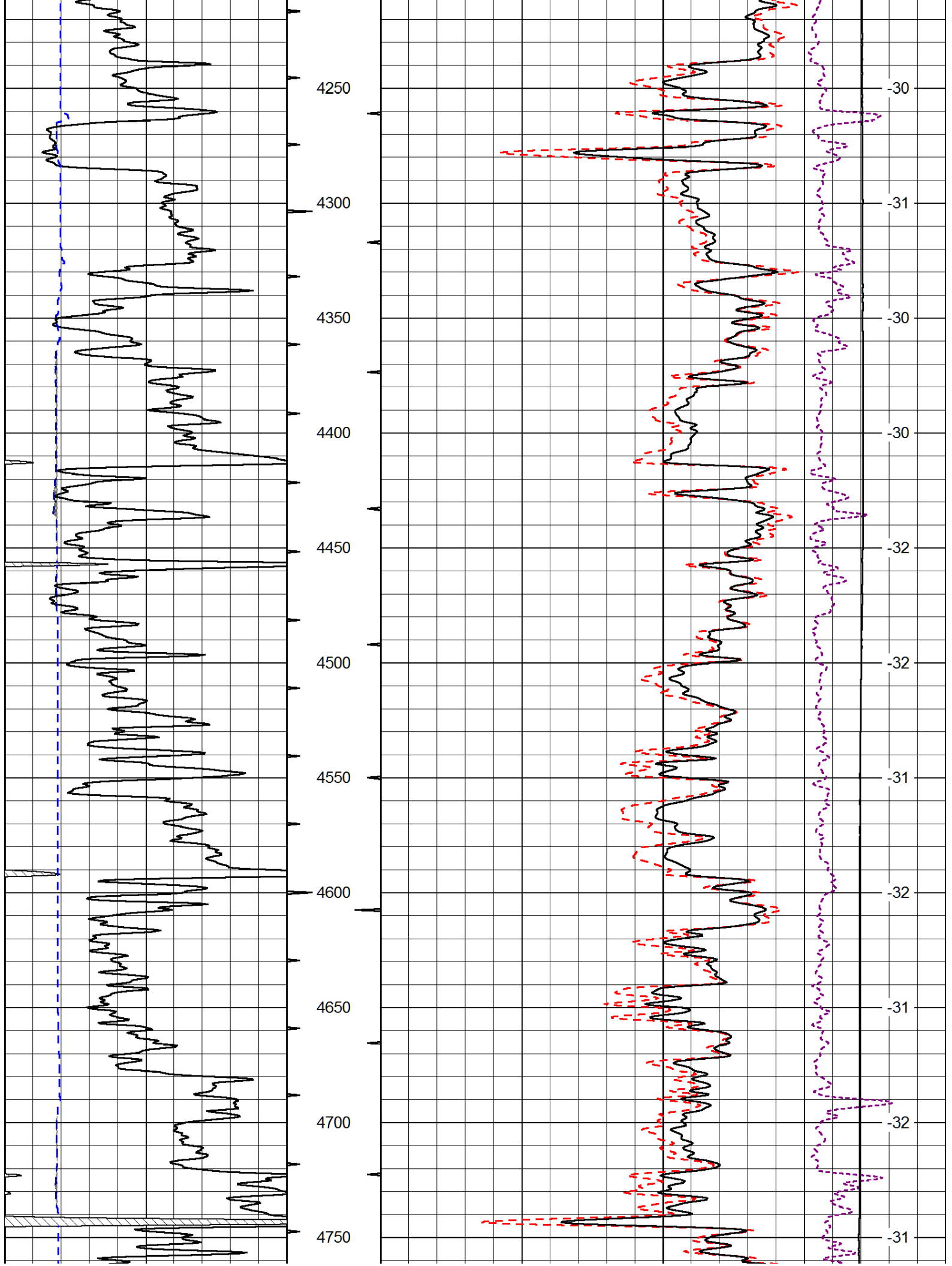


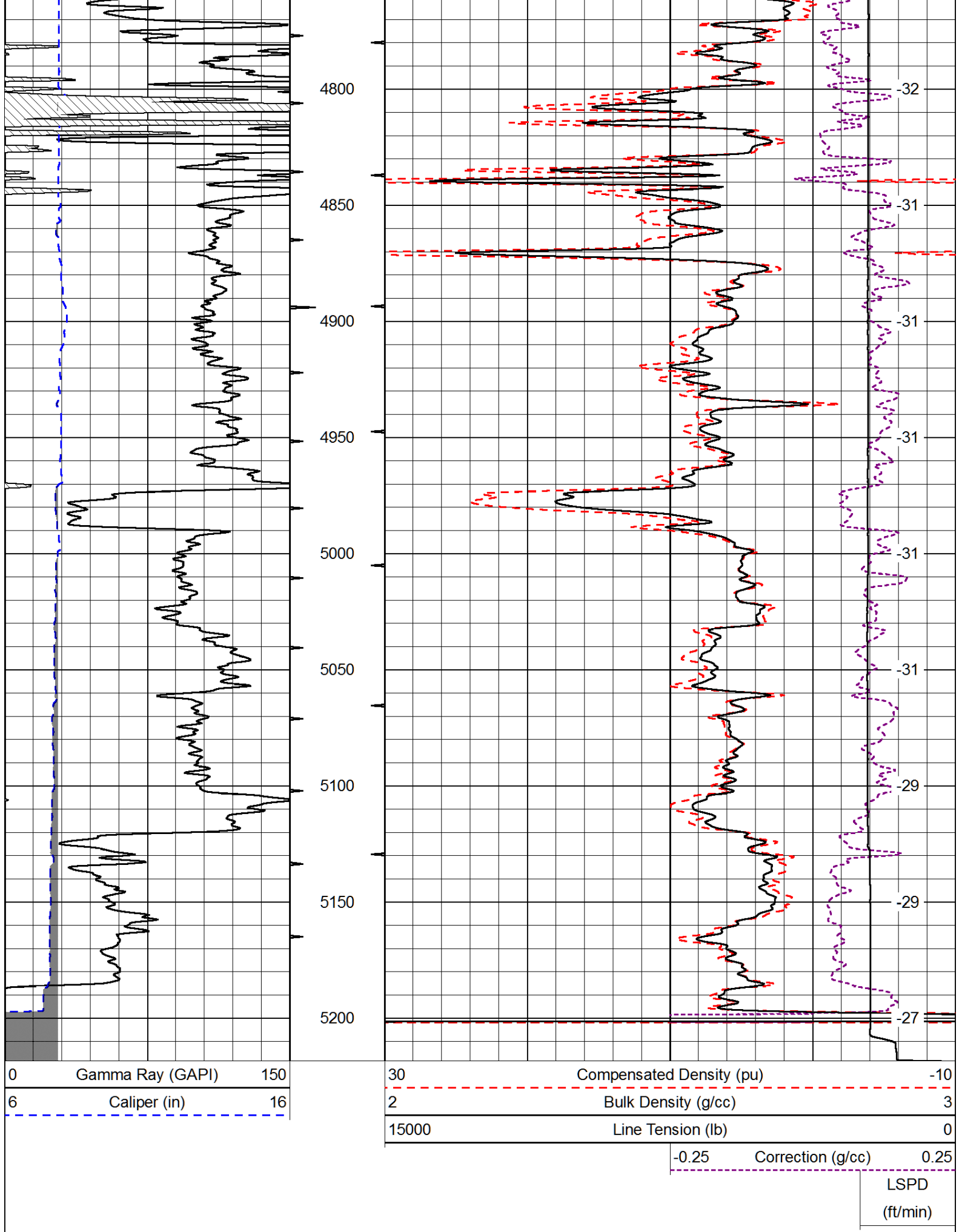






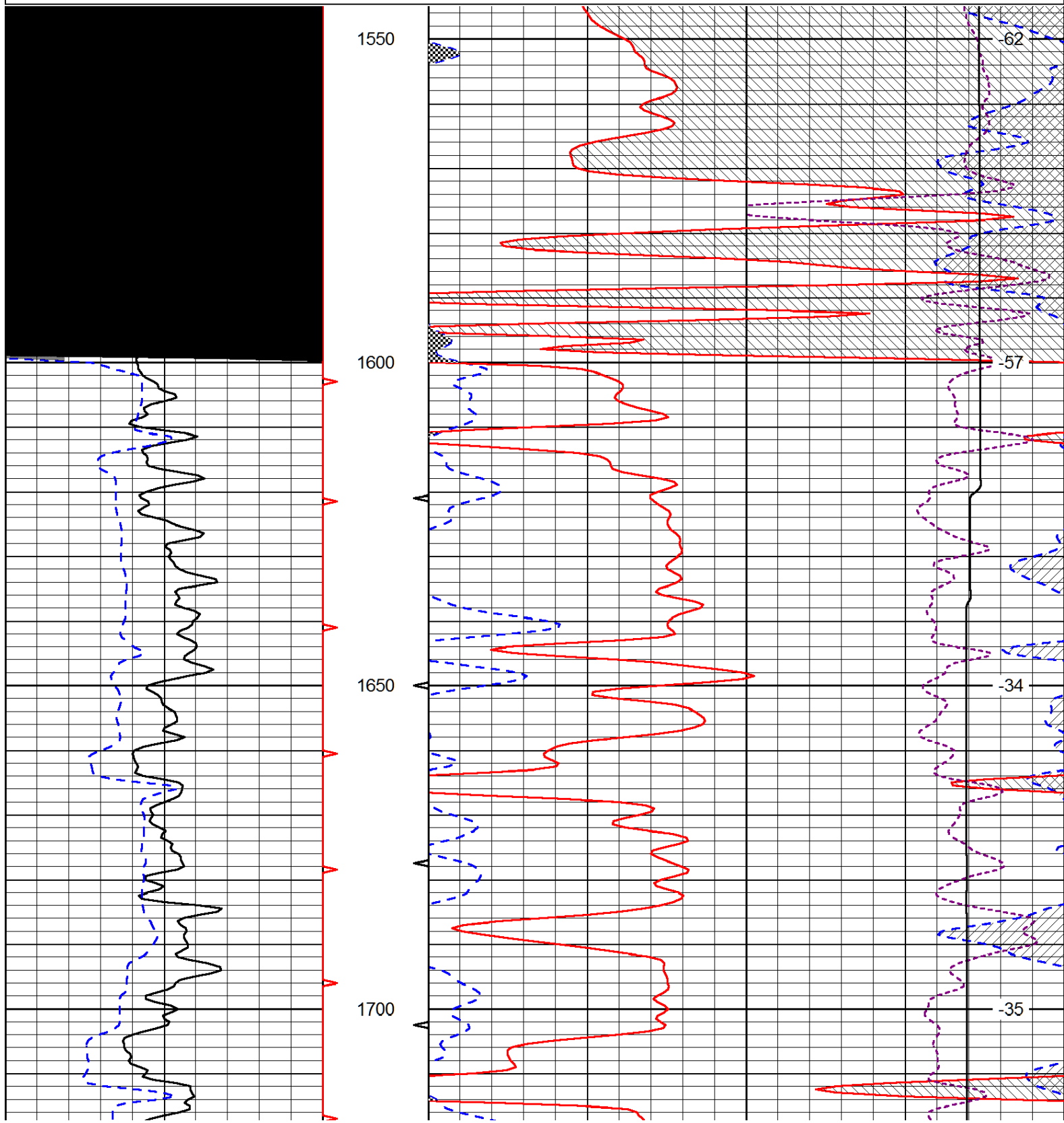


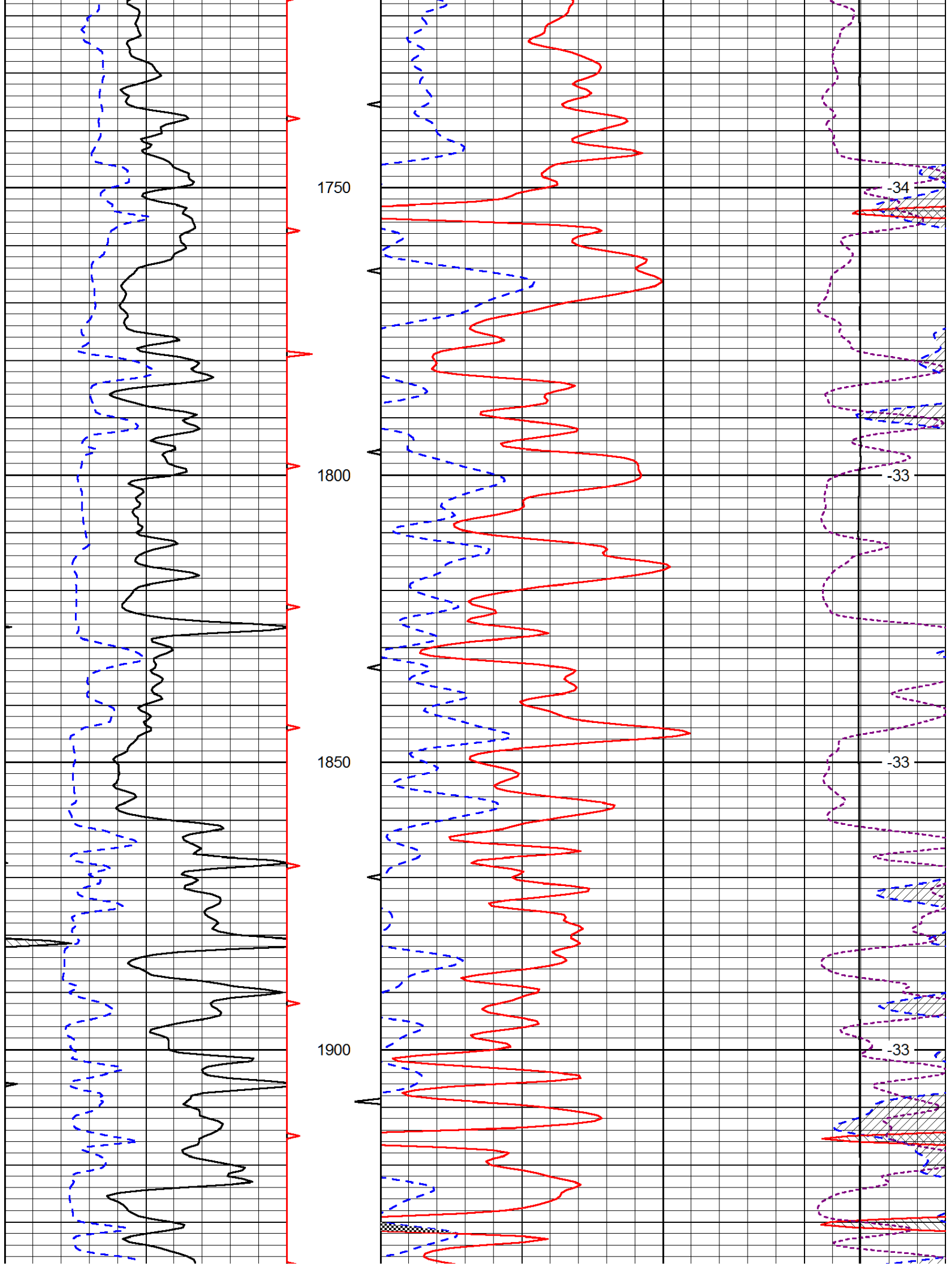


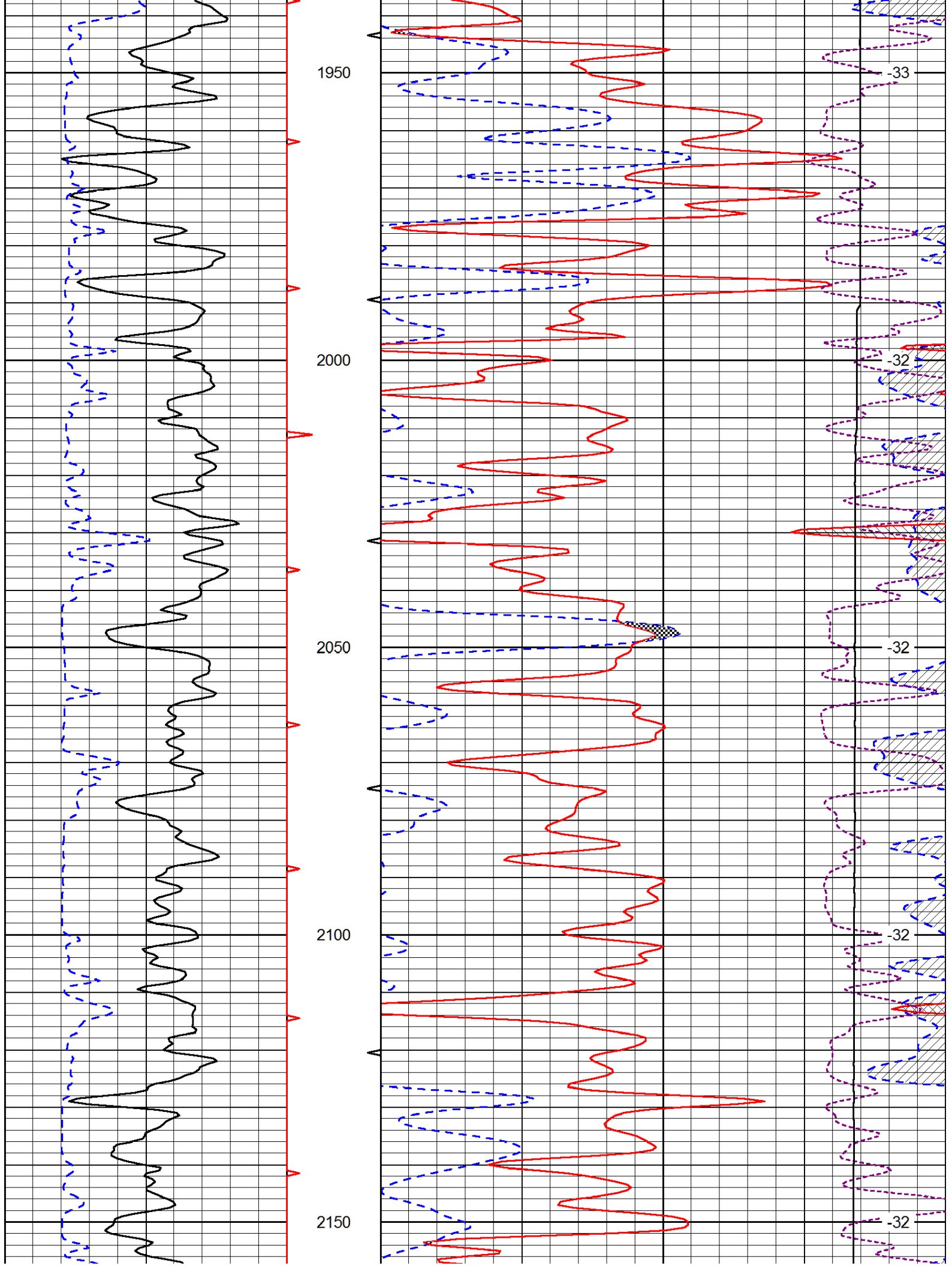


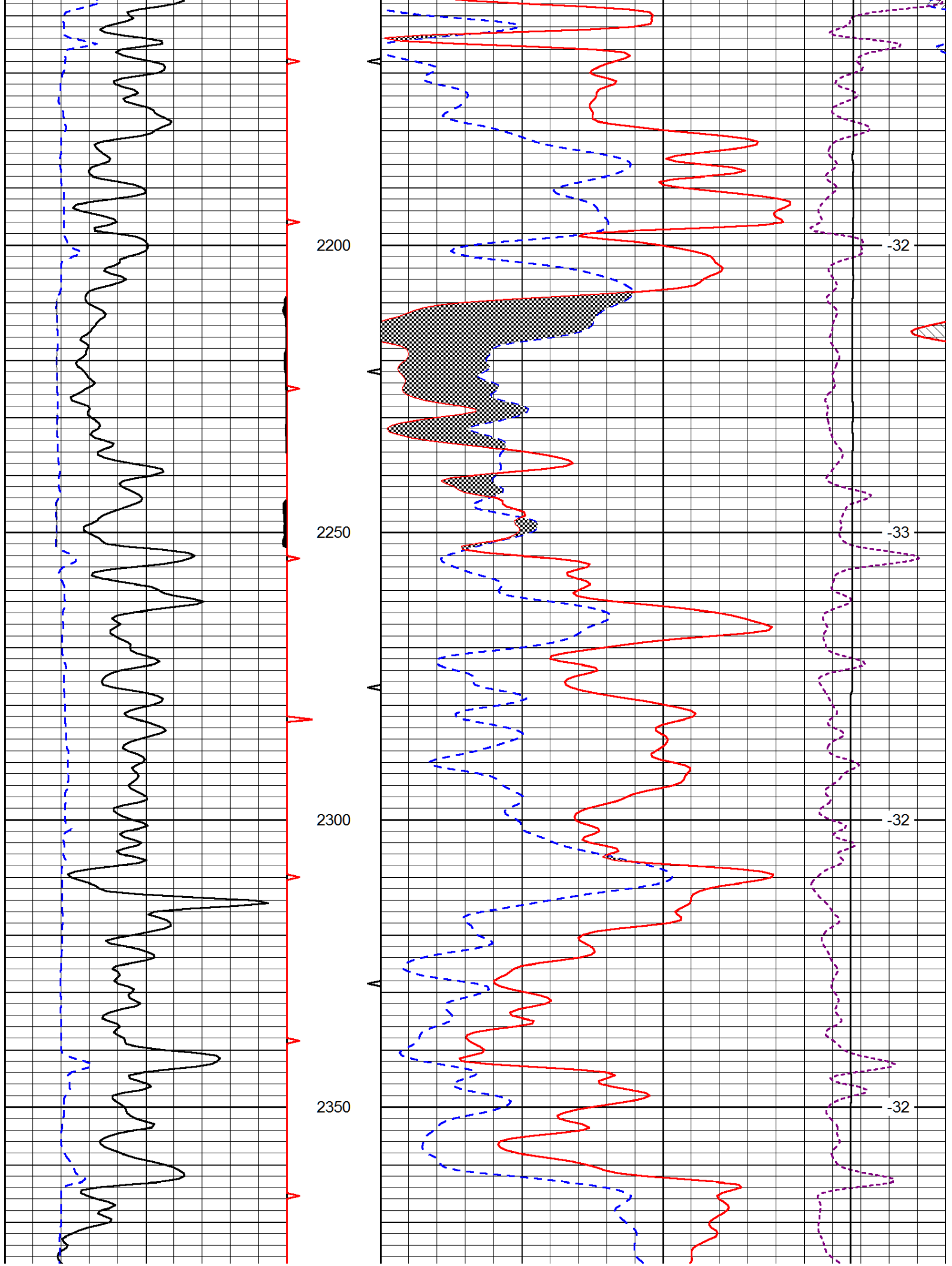
Database File: scout_berrymannrichfield_9_1ahd.db
Dataset Pathname: DIL/sctstk
Presentation Format: cndlspec
Dataset Creation: Fri Dec 13 03:03:32 2013
Charted by: Depth in Feet scaled 1:240

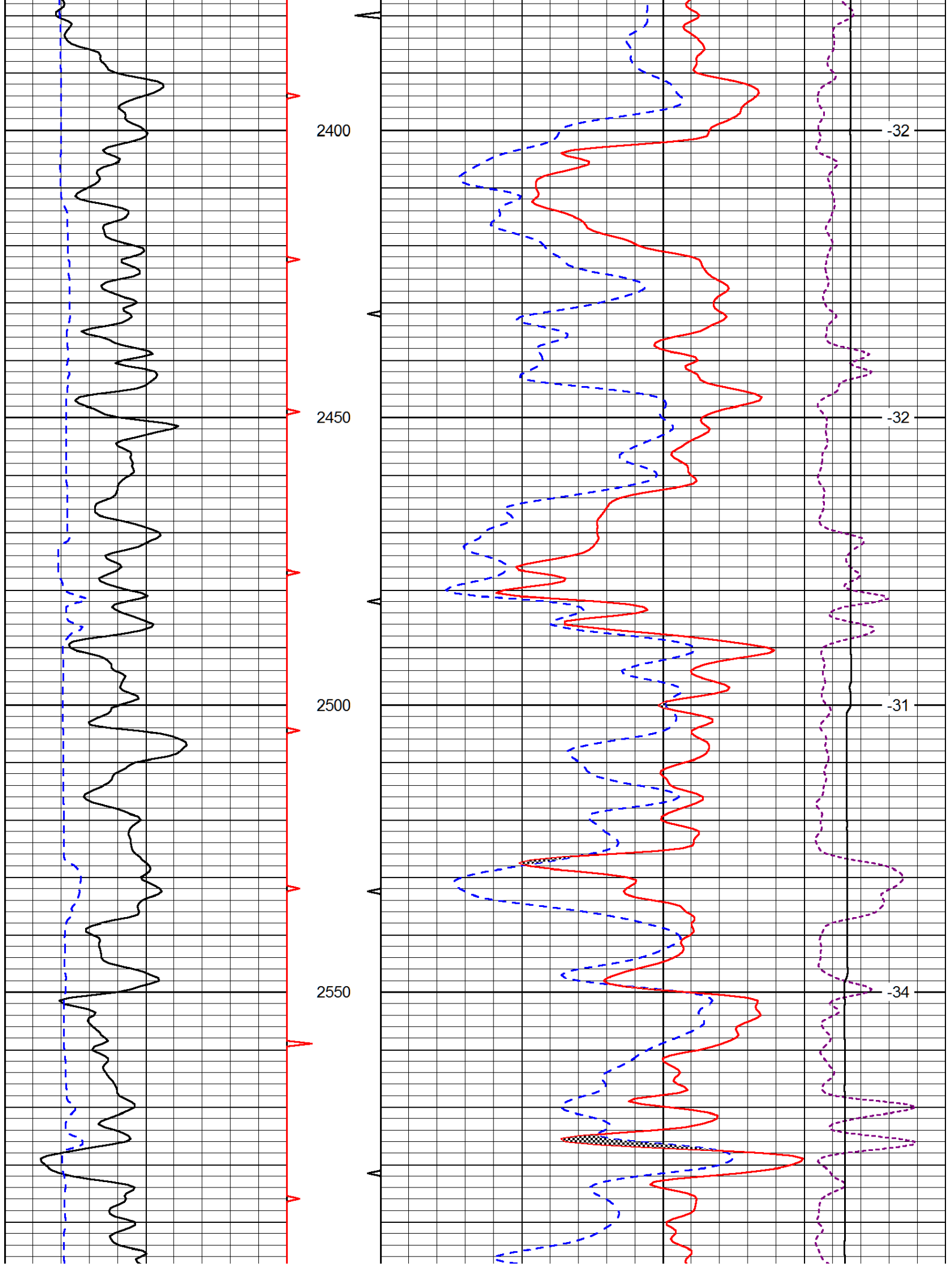
0	Gamma Ray (GAPI)	150	30	CNLS (pu)	-10
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)	-10
			10000	Line Tension (lb)	0
			-0.25	Correction (g/cc)	0.25
			LSPD (ft/min)		

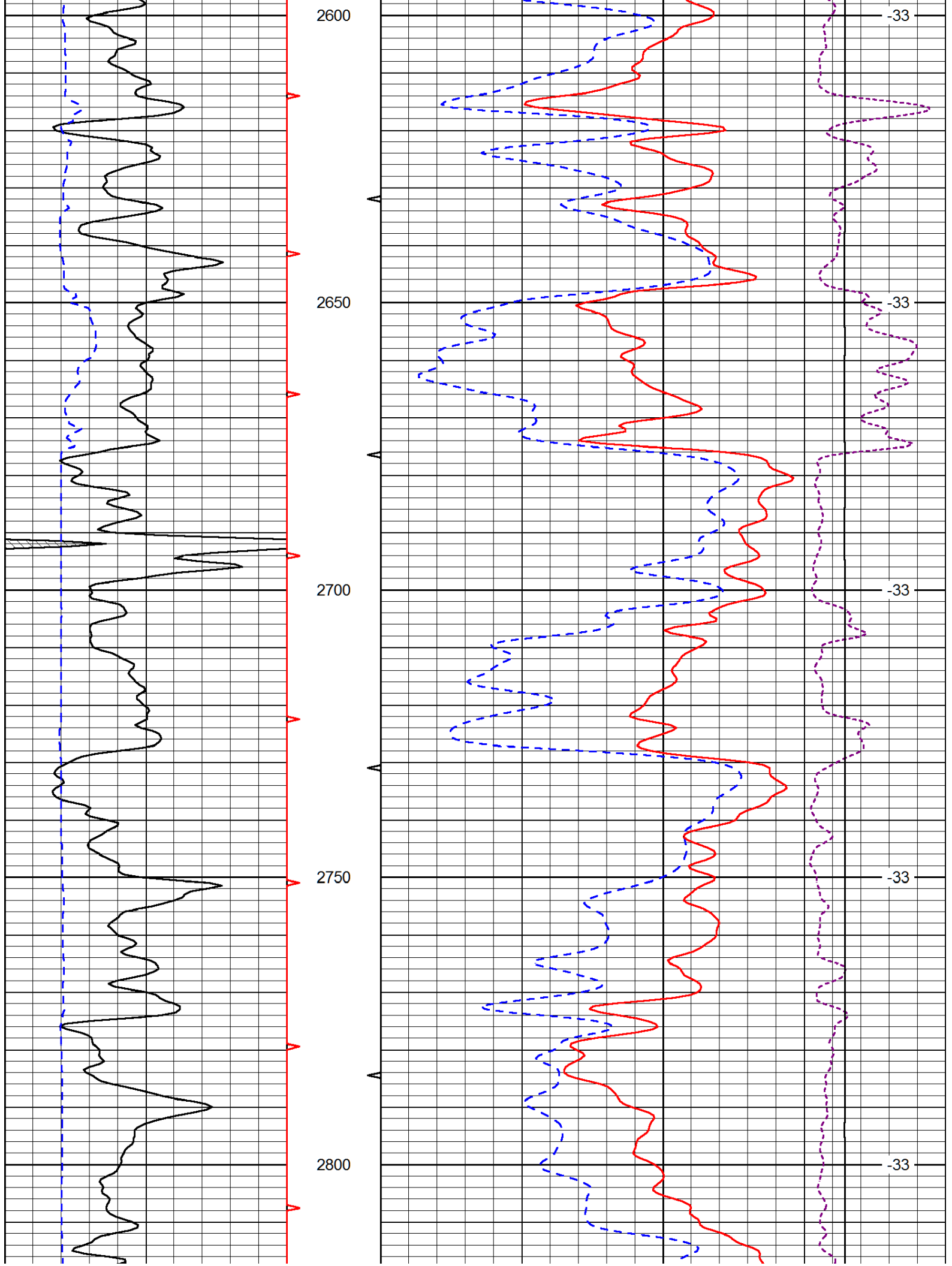


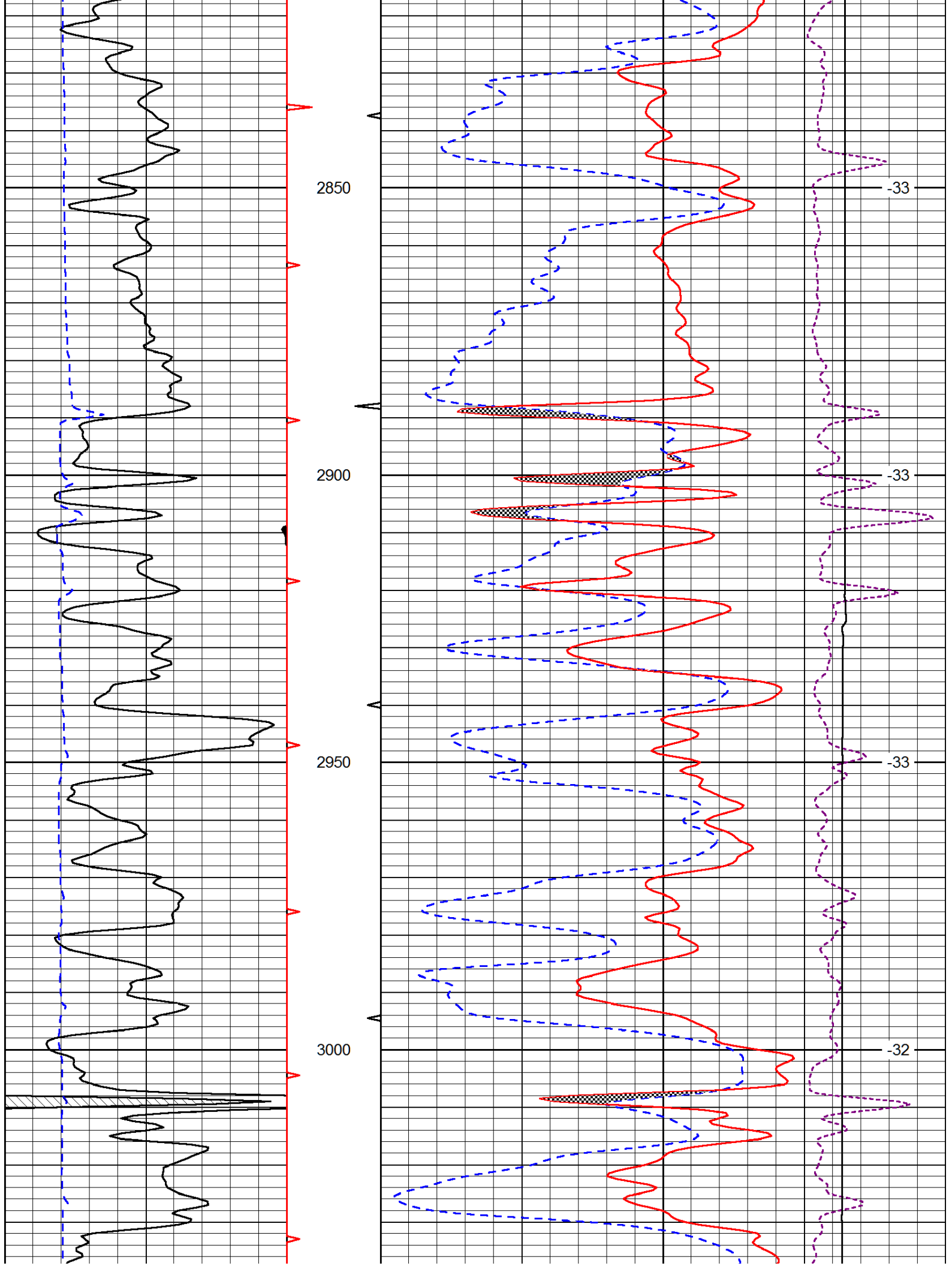


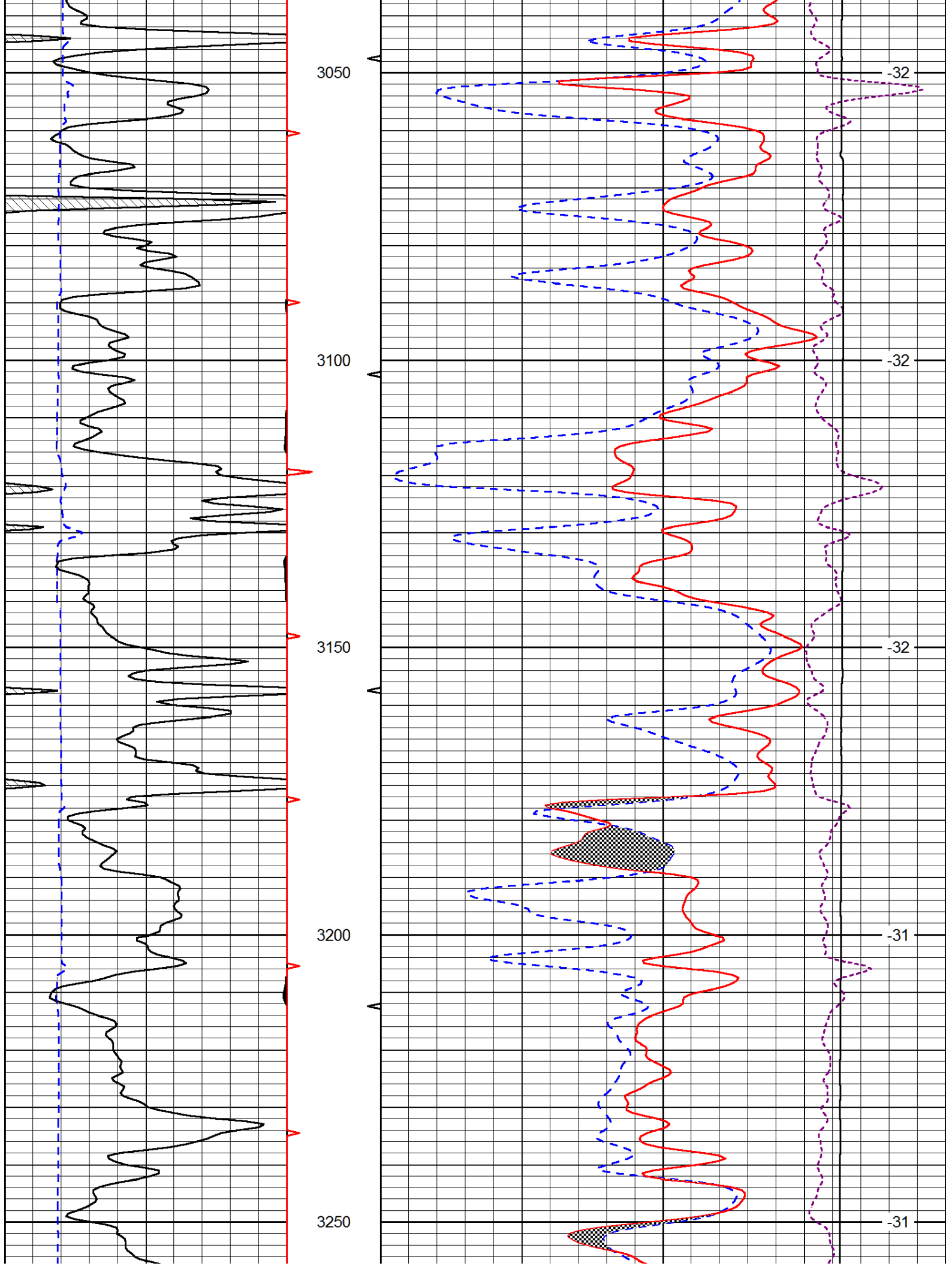


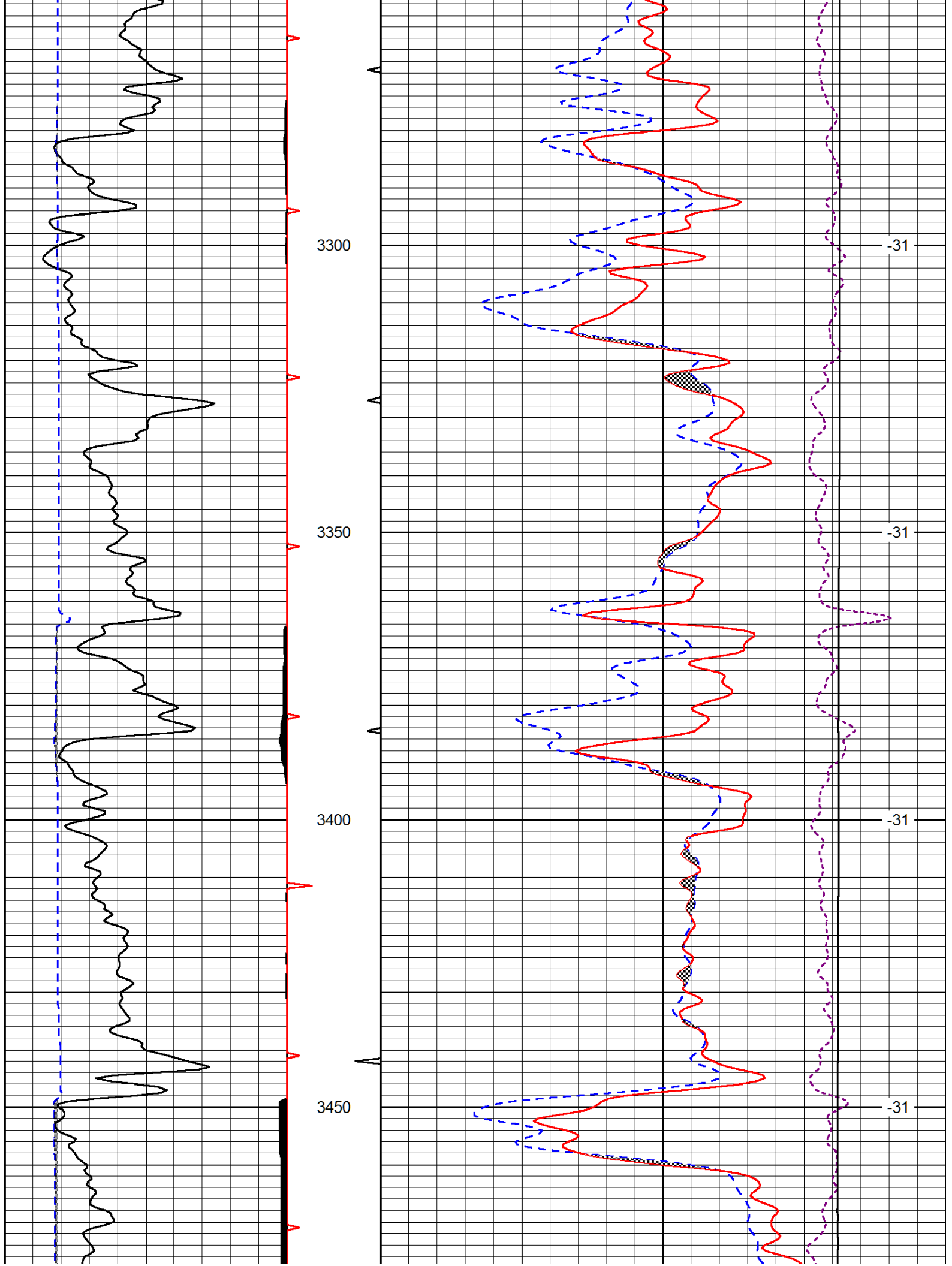


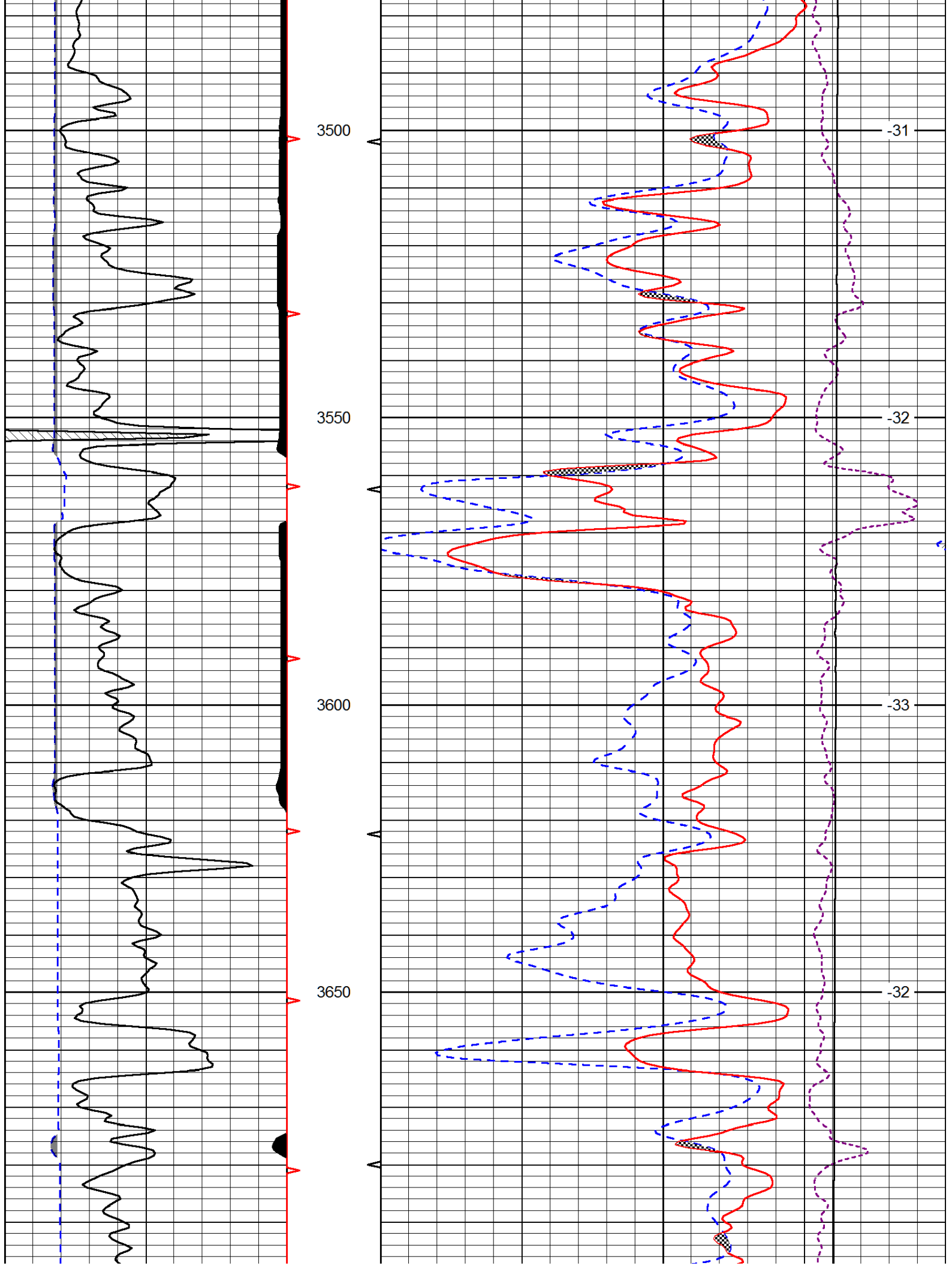


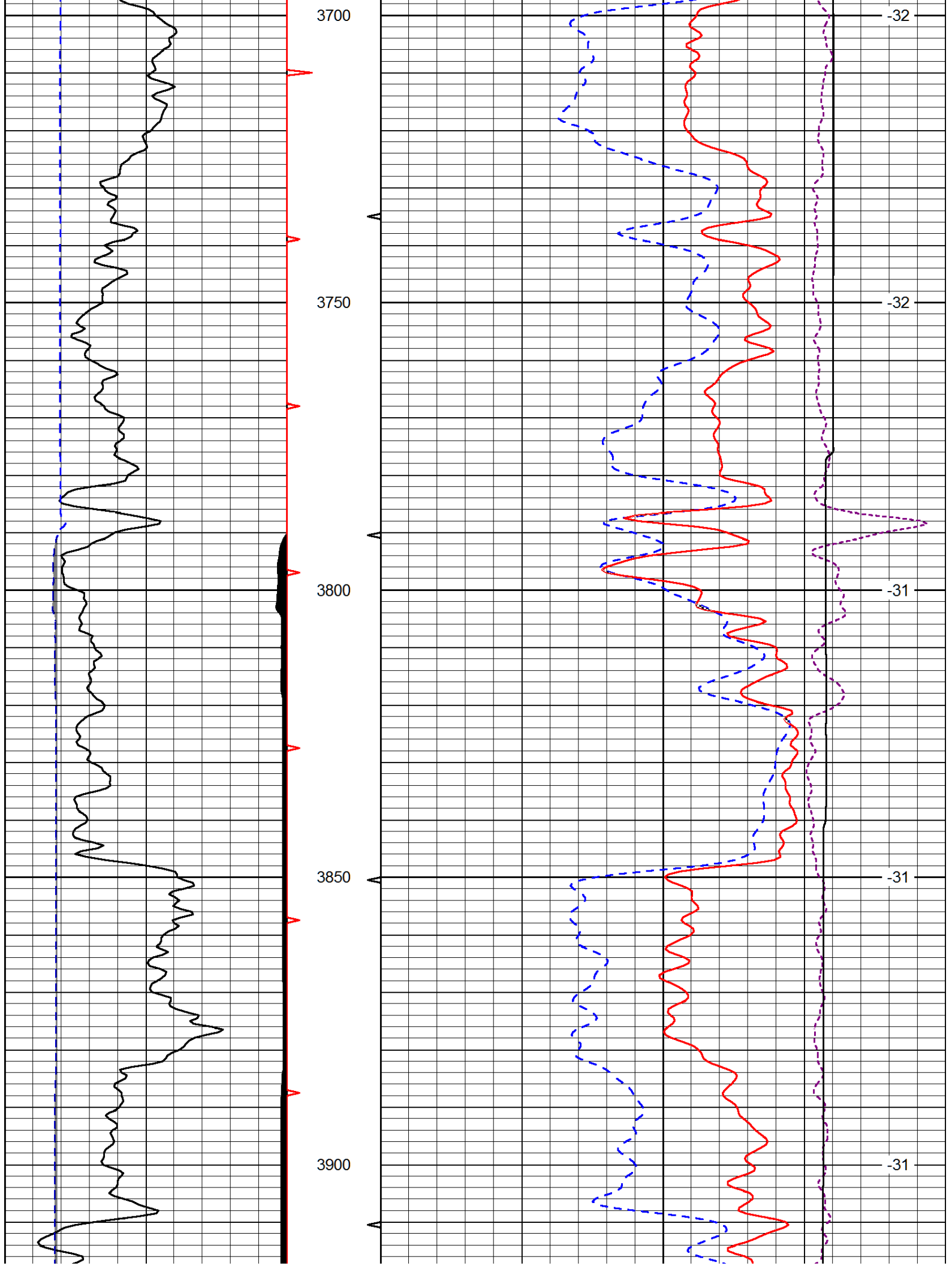


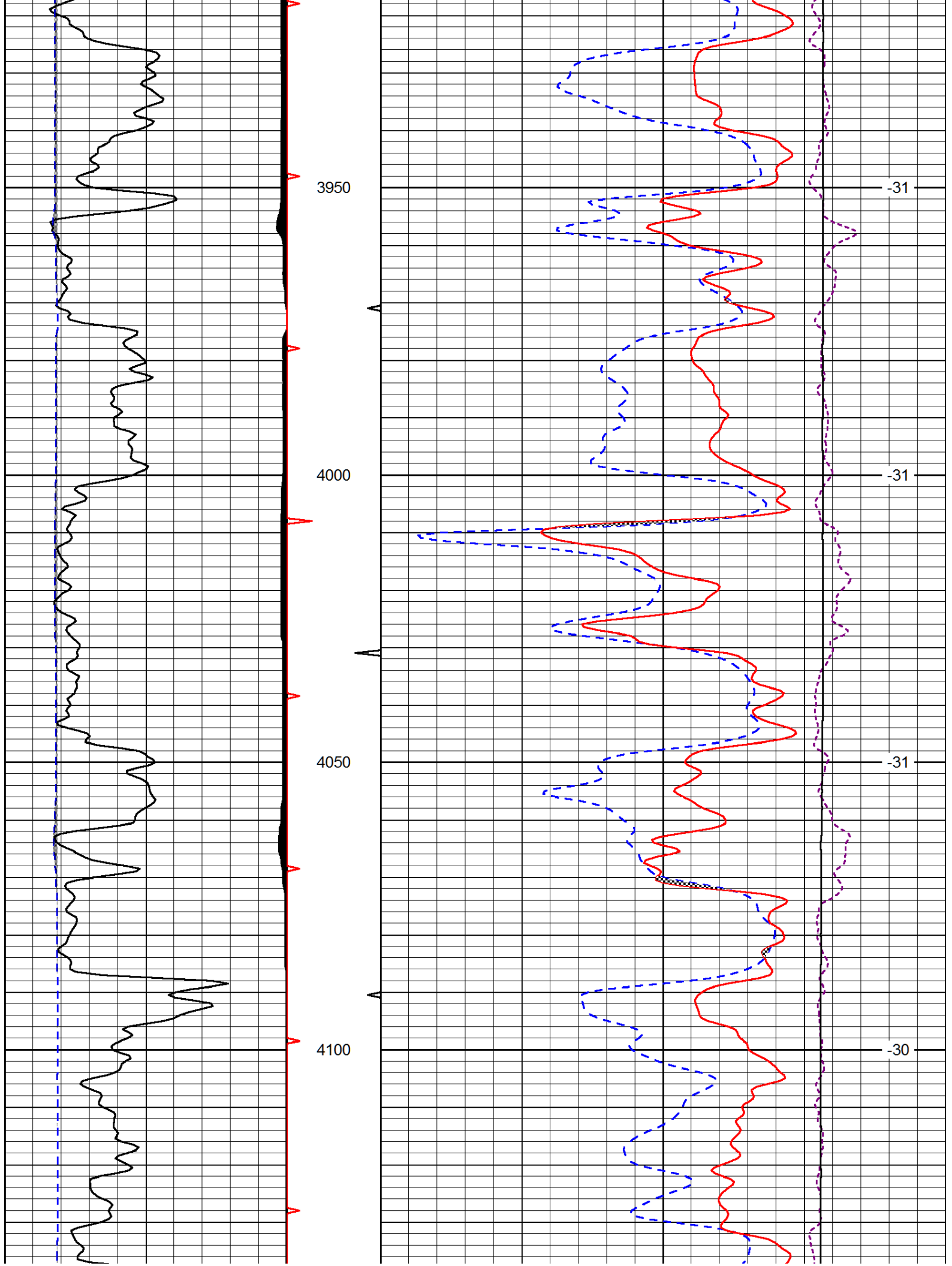


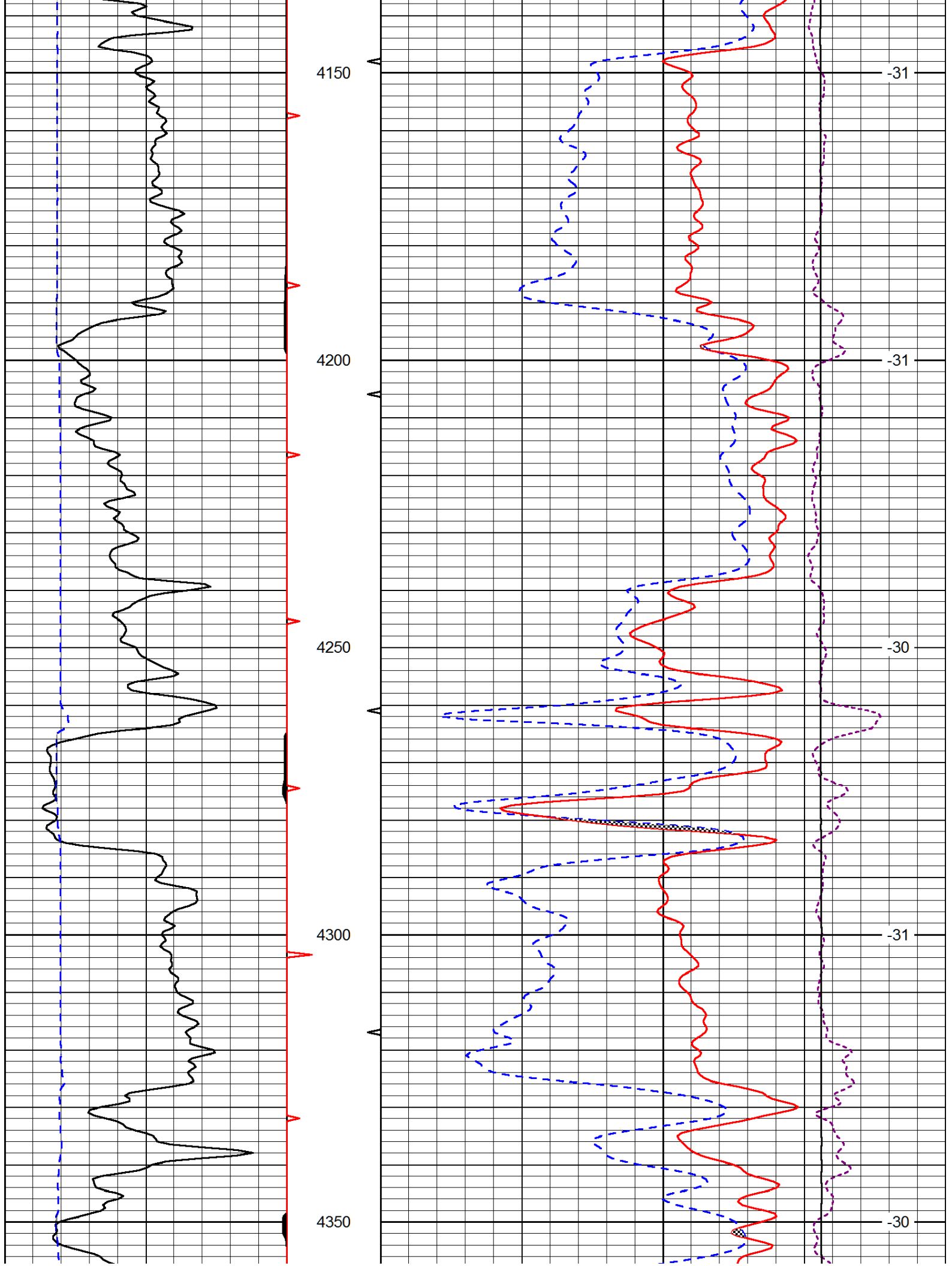


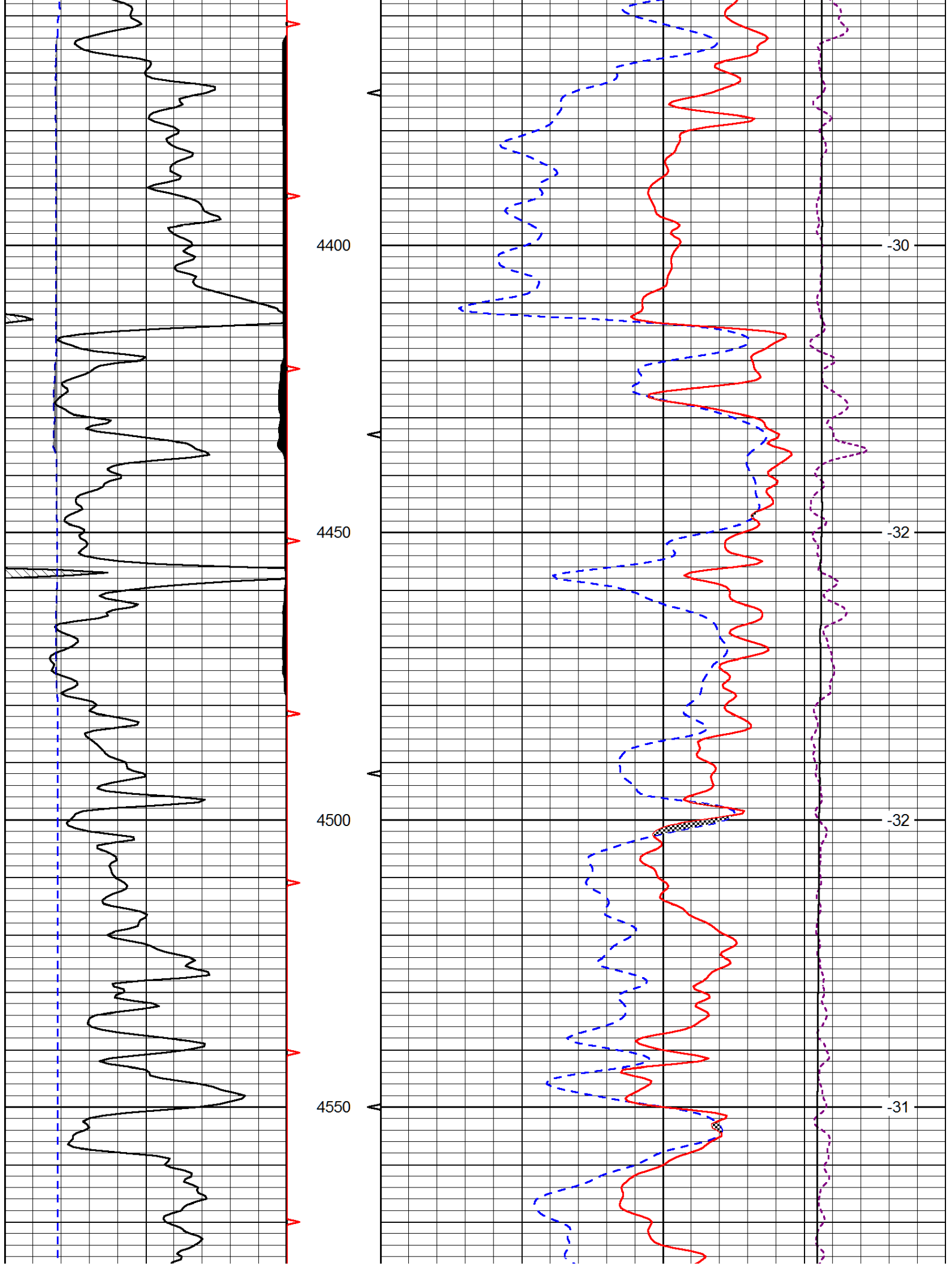


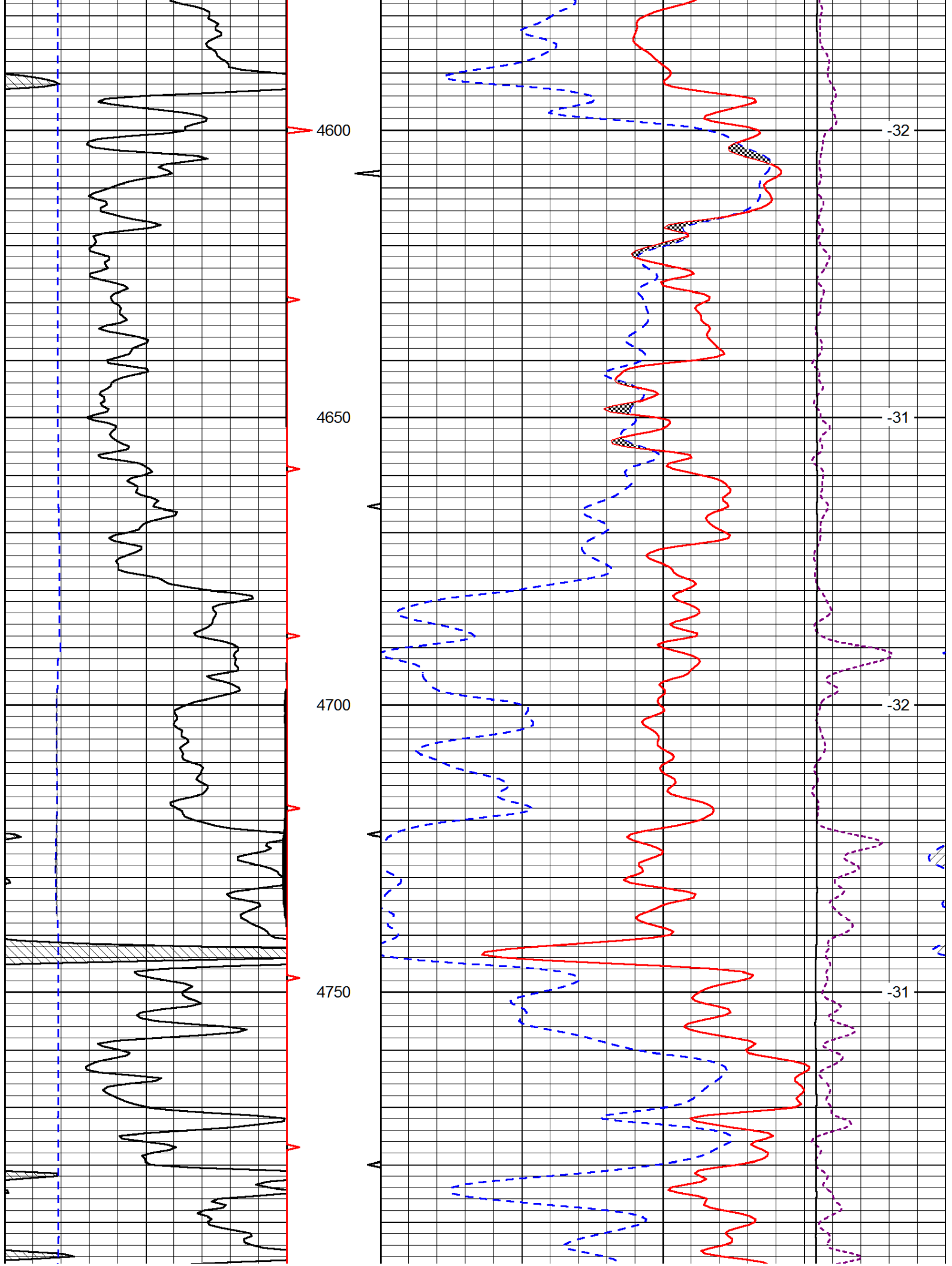


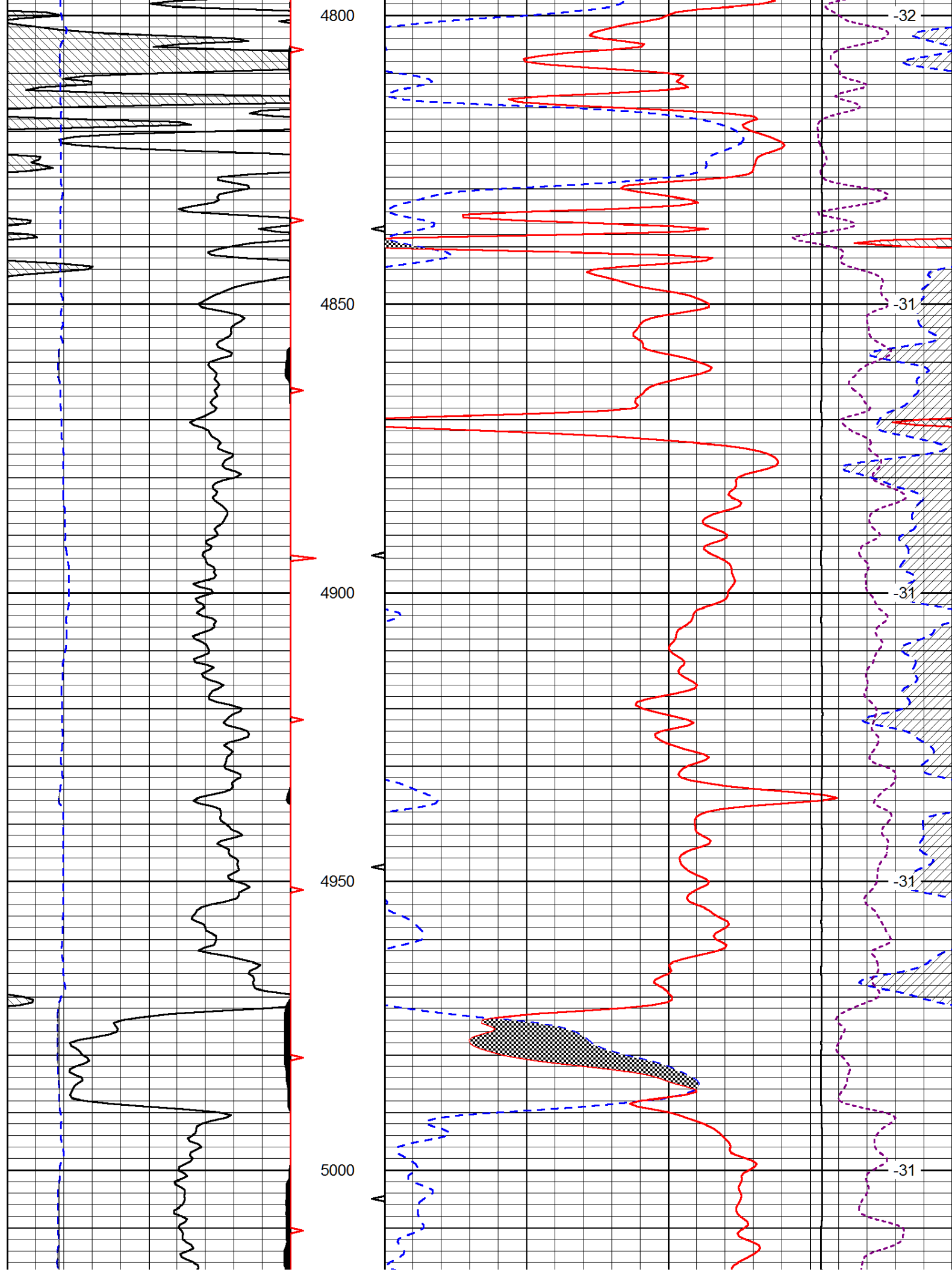


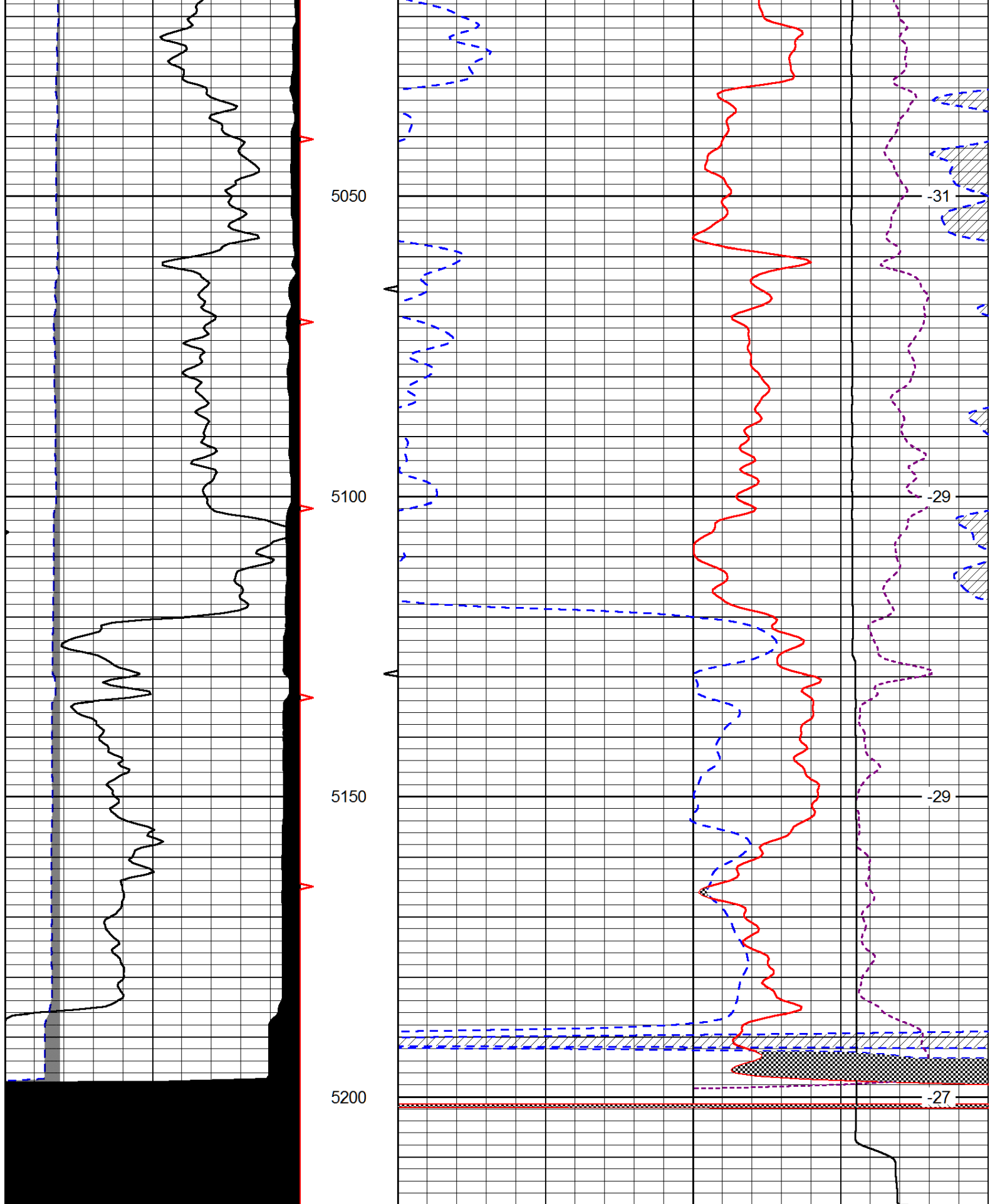












0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	CNLS (pu)	-10
30	Compensated Density (2.71 ma) (pu)	-10
10000	Line Tension (lb)	0

-0.25	Correction (g/cc)	0.25
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