



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-189-22,807-00-00

Company **Palmer Oil, Inc.**

Well **Cynthia No. 35-7**

Field

County **Stevens**

State **Kansas**

Location

SE NW NE SE
2,200' FSL & 750' FEL

Other Services
DIL/MEI

Sec: 35

Twp: 31S

Rge: 39W

Permanent Datum

Ground Level
Kelly Bushing

Elevation 3180
12 Ft. Above Perm. Datum

Elevation
K.B. 3192
D.F. 3192
G.L. 3180

Log Measured From

Kelly Bushing

Drilling Measured From

Kelly Bushing

Date

10/10/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

6250

Depth Logger

6252

Bottom Logged Interval

6231

Top Logged Interval

4000

Type Fluid In Hole

Chemical

Salinity, PPM CL

1900

Density

9.3

Level

Full

Max. Rec. Temp. F

139

Operating Rig Time

4 Hours

Equipment -- Location

108 Hays

Recorded By

J. Long

Witnessed By

Jeff Lawler

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

1762

8.625

23#

00

1762

Two

7.875

1762

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

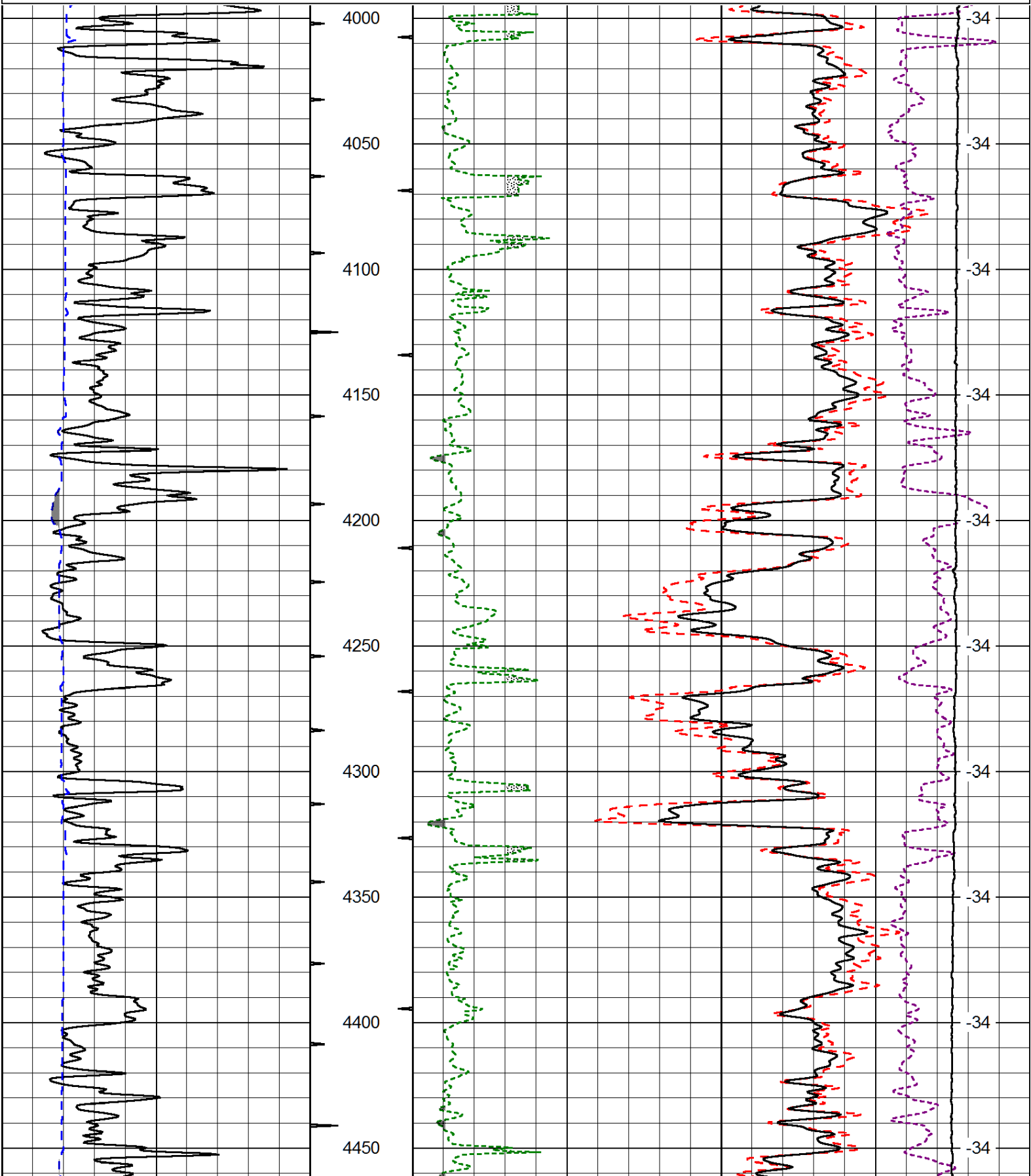
Moscow, 3/4 Southwest to Y Road, 17 West to 3 Road (Stay on Blacktop, Y Road turns into Z Road),
1 South, 1/2 West, 1/2 South, East Into

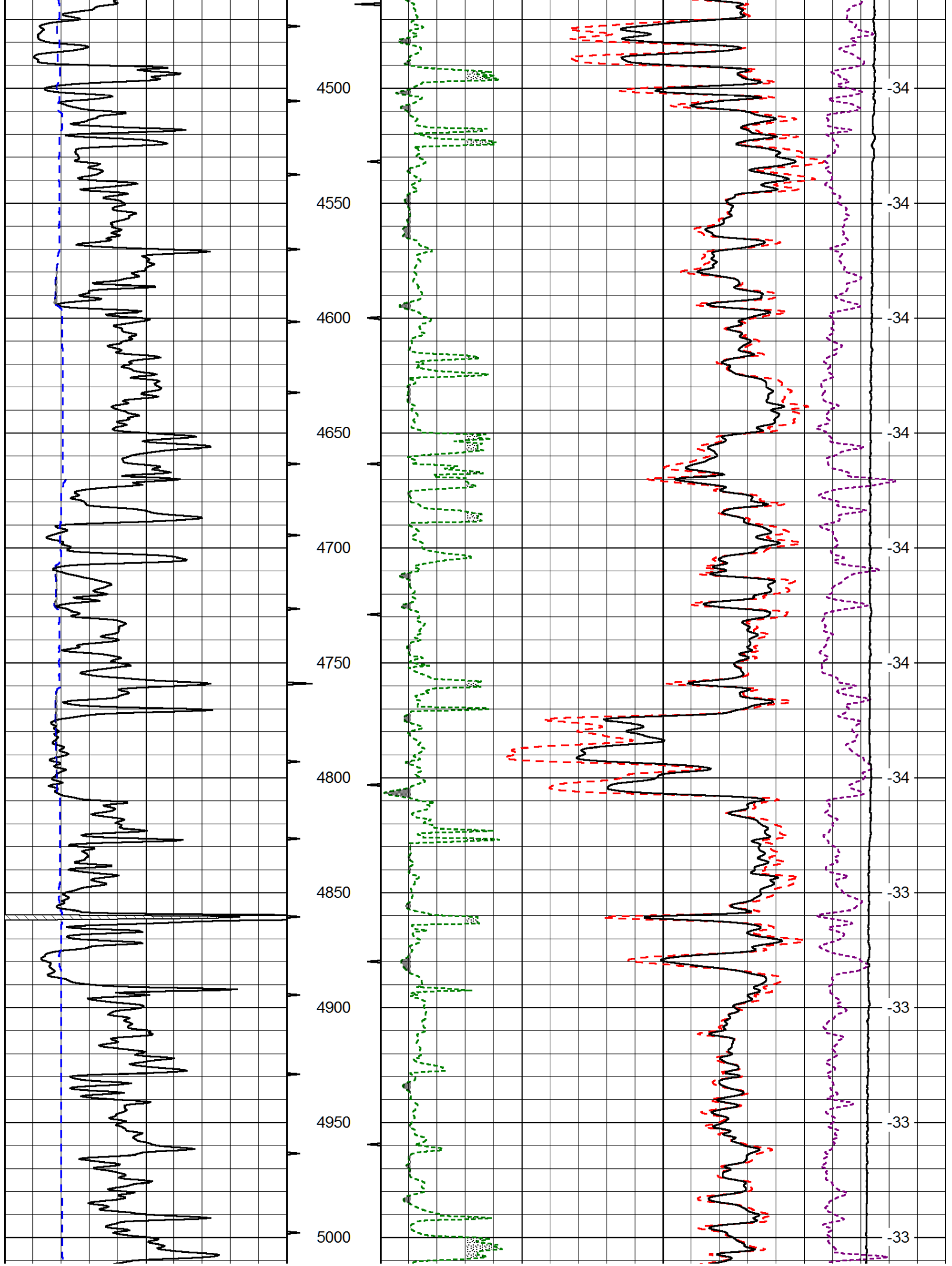
Database File: palmer_cynthia_35-7hd.db
Dataset Pathname: dil/palmstck
Presentation Format: cdl
Dataset Creation: Thu Oct 10 15:21:09 2013
Charted by: Depth in Feet scaled 1:600

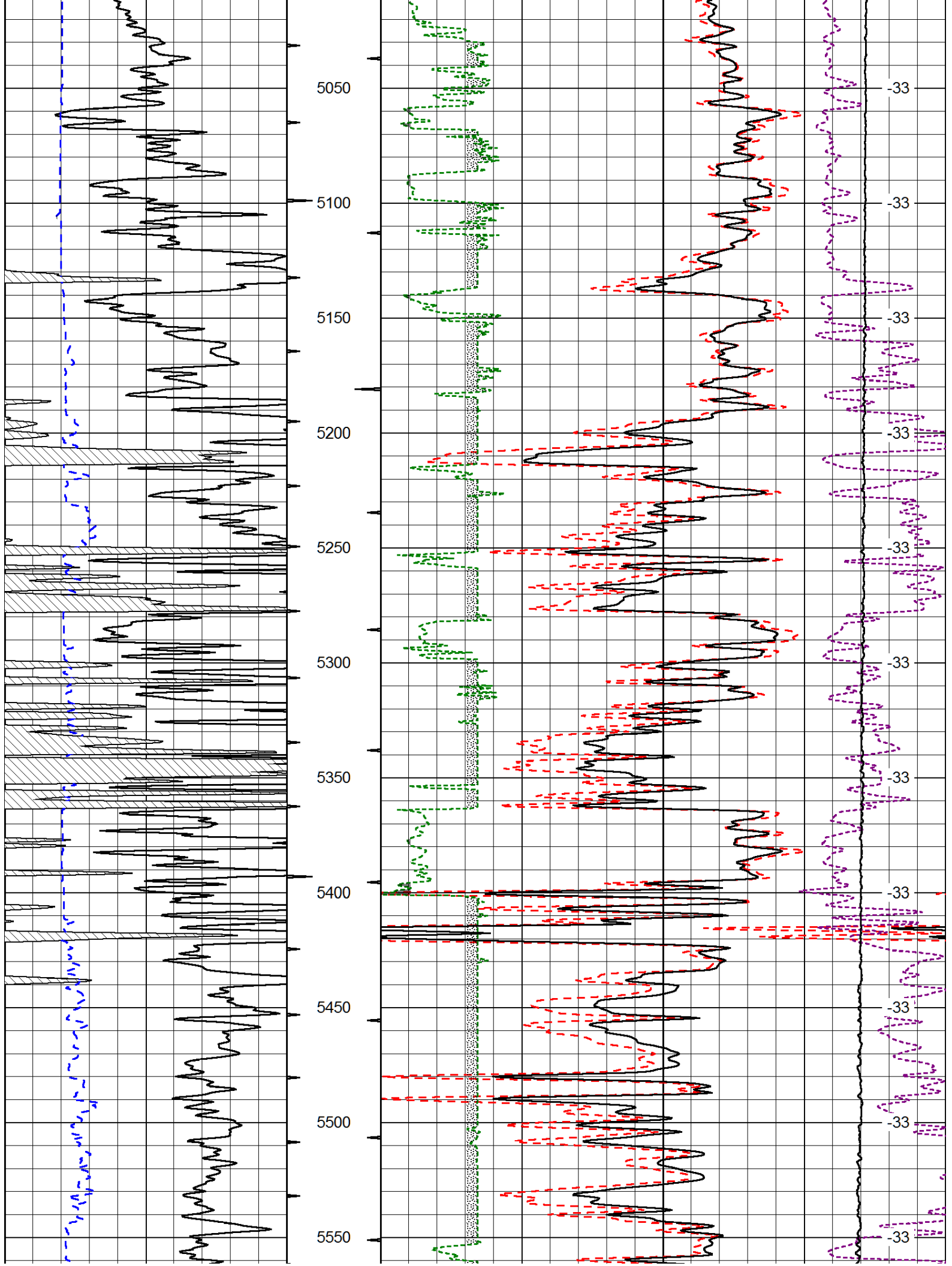
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

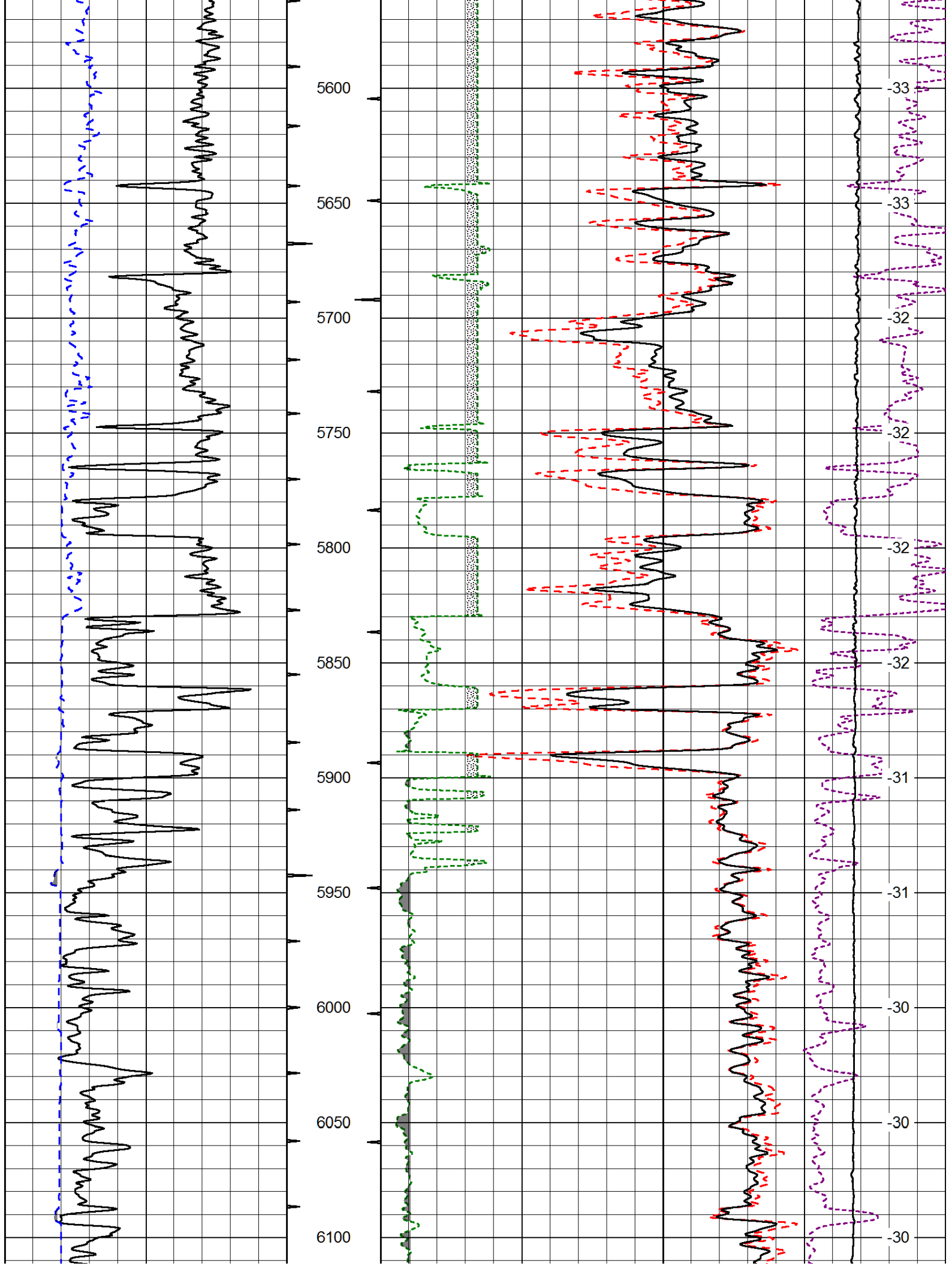
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
		Correction (g/cc)	0.25

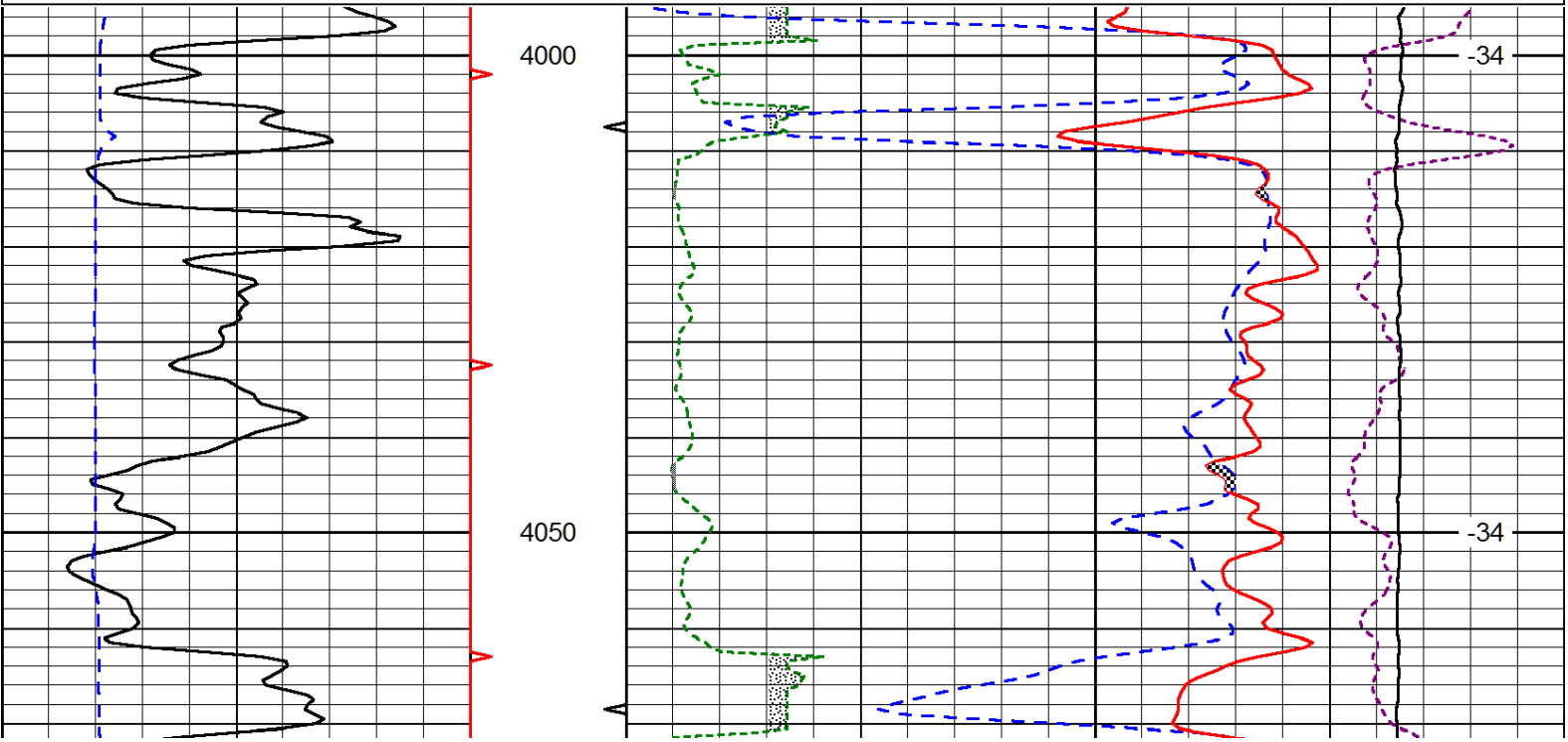
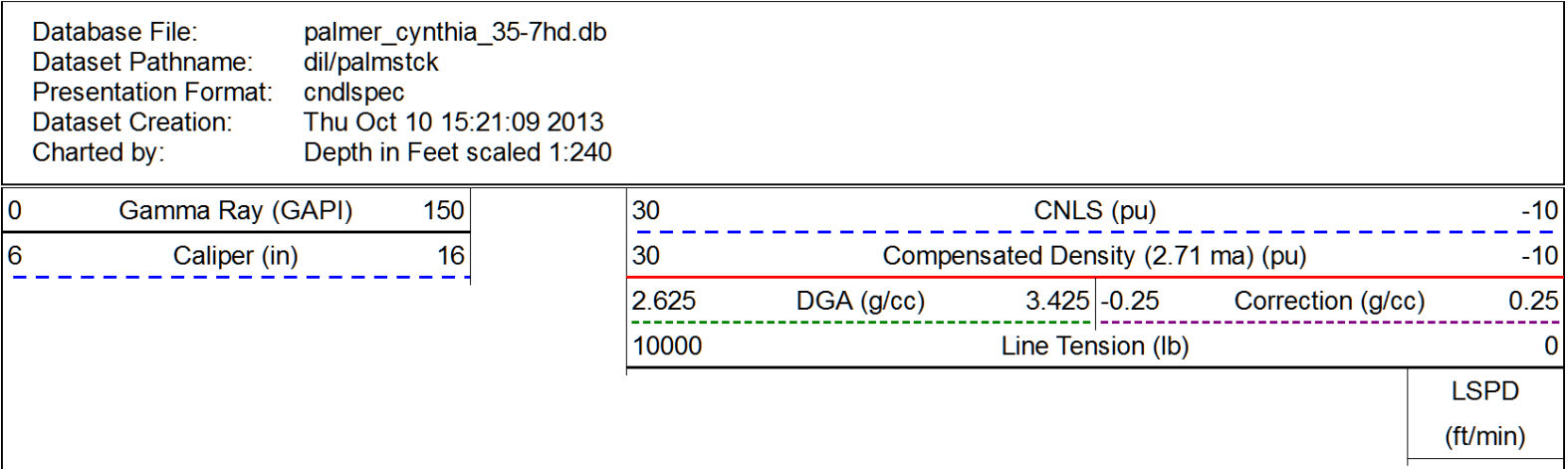
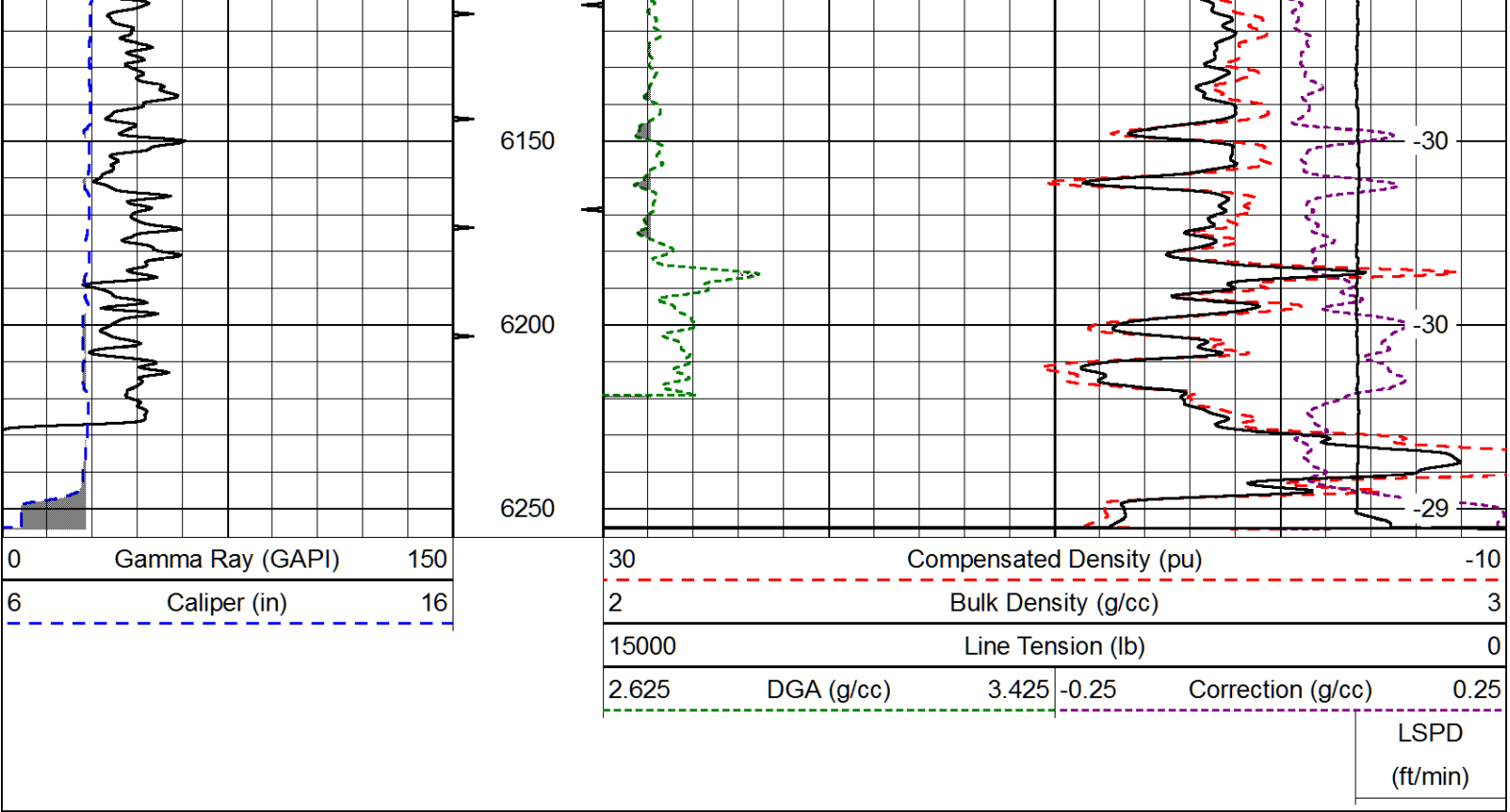
LSPD
(ft/min)

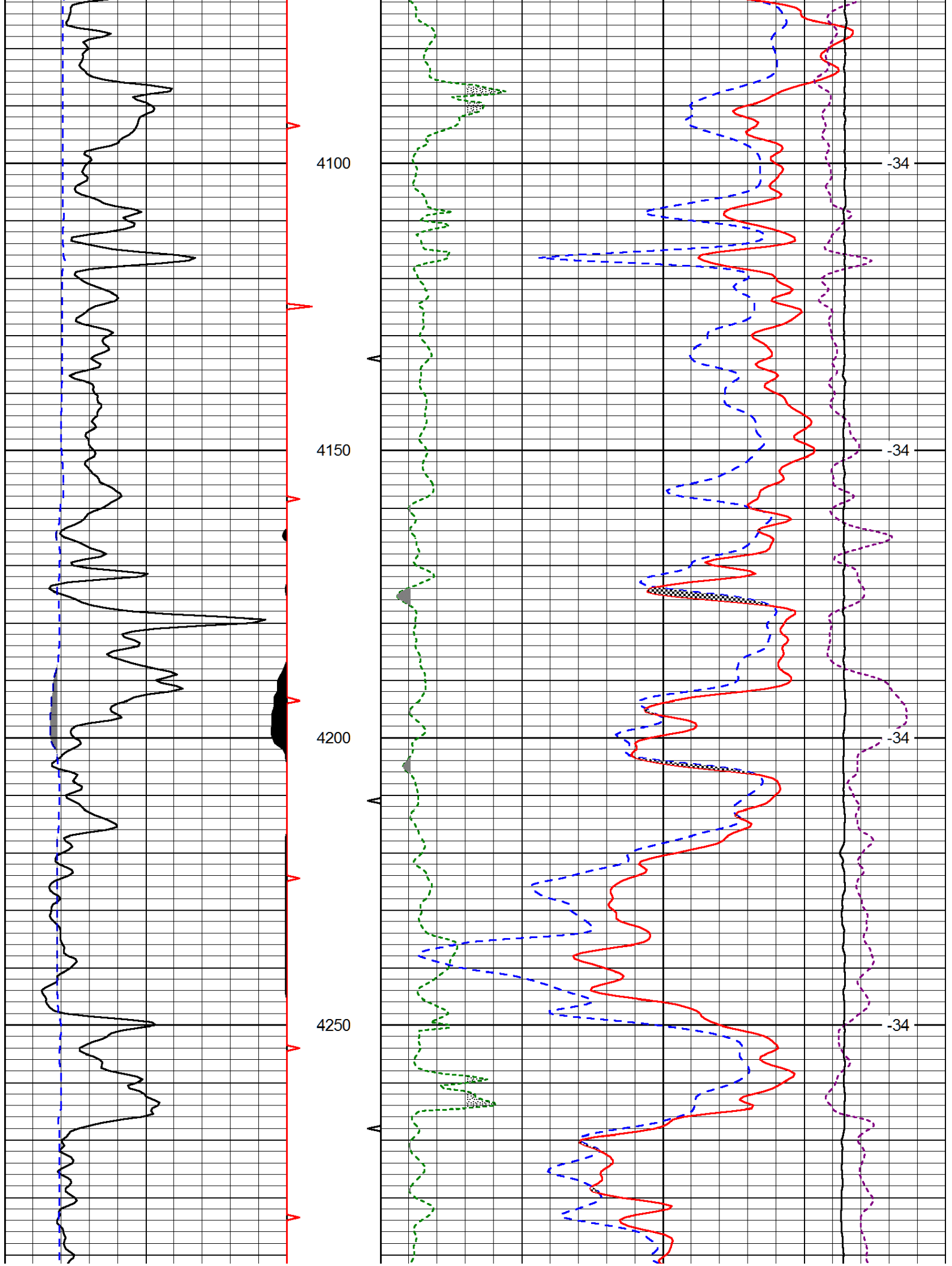


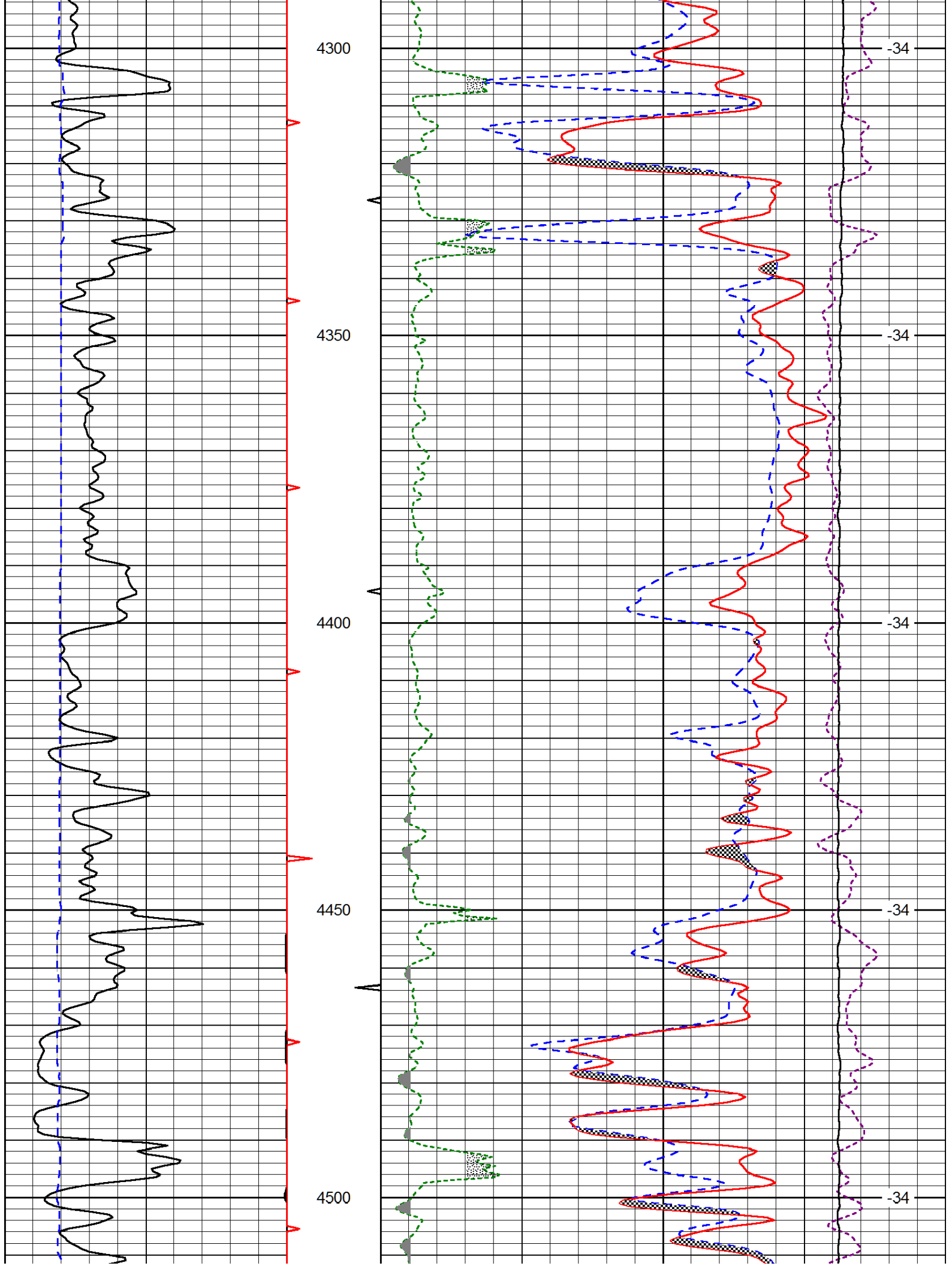


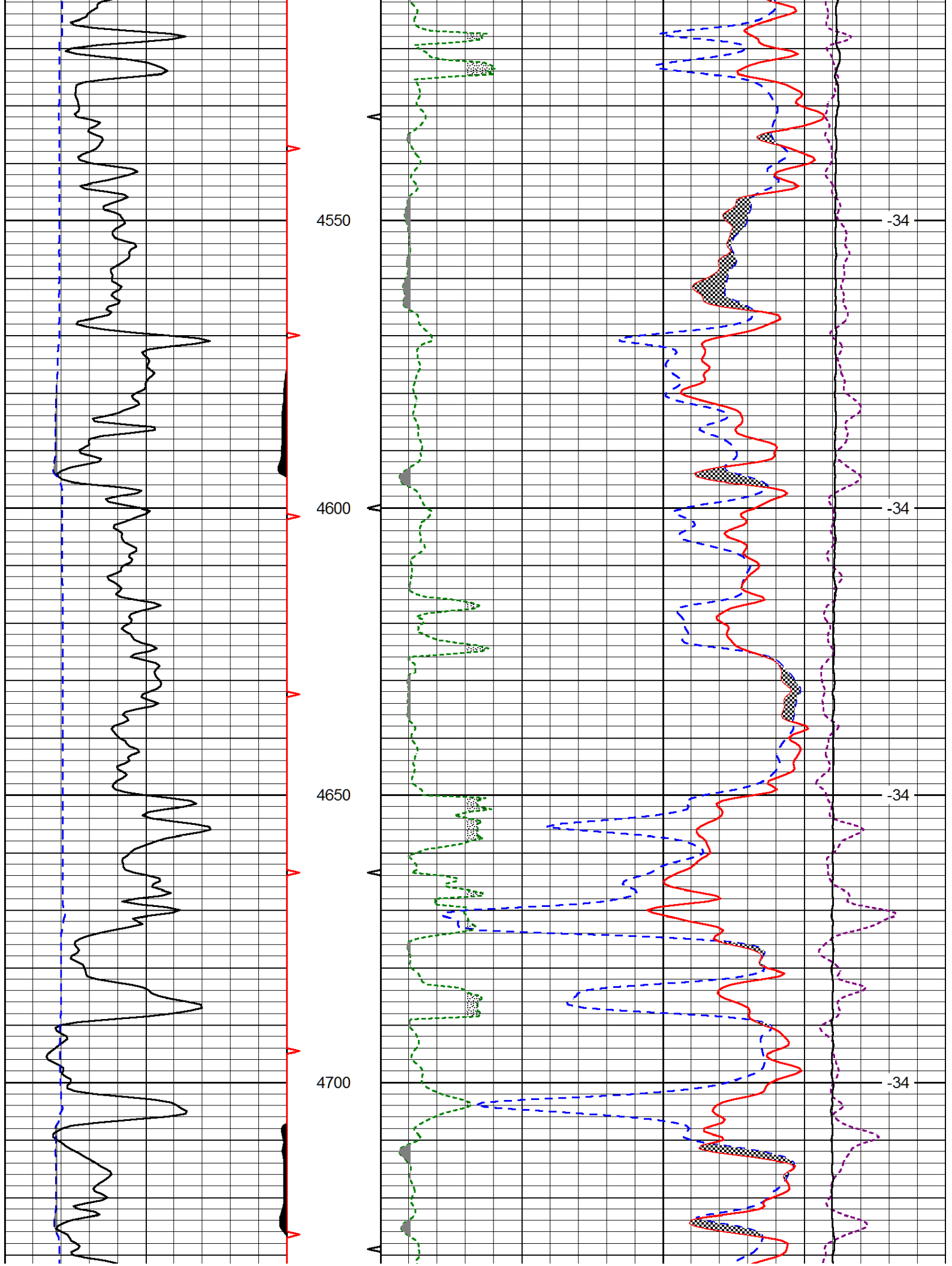


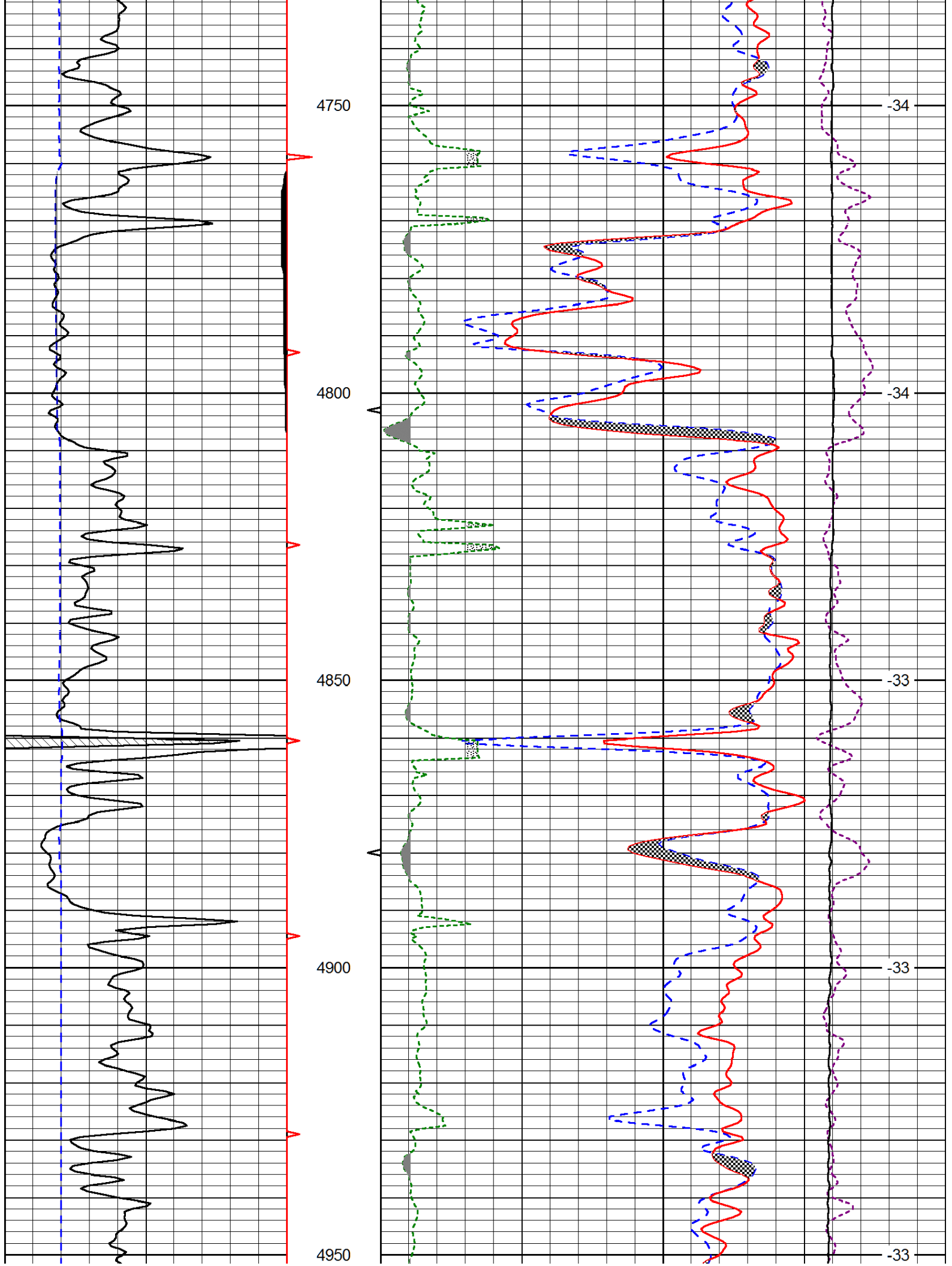


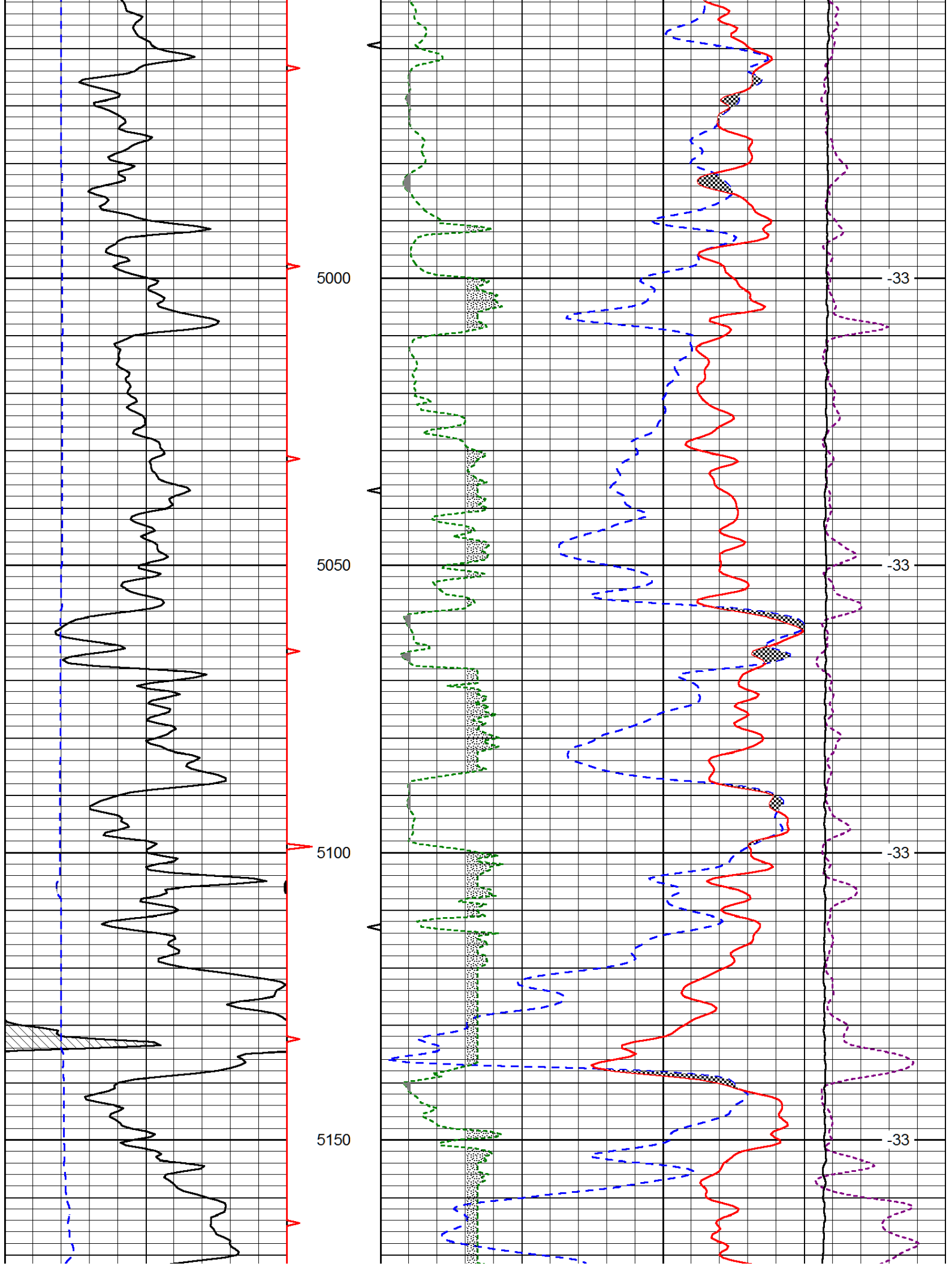


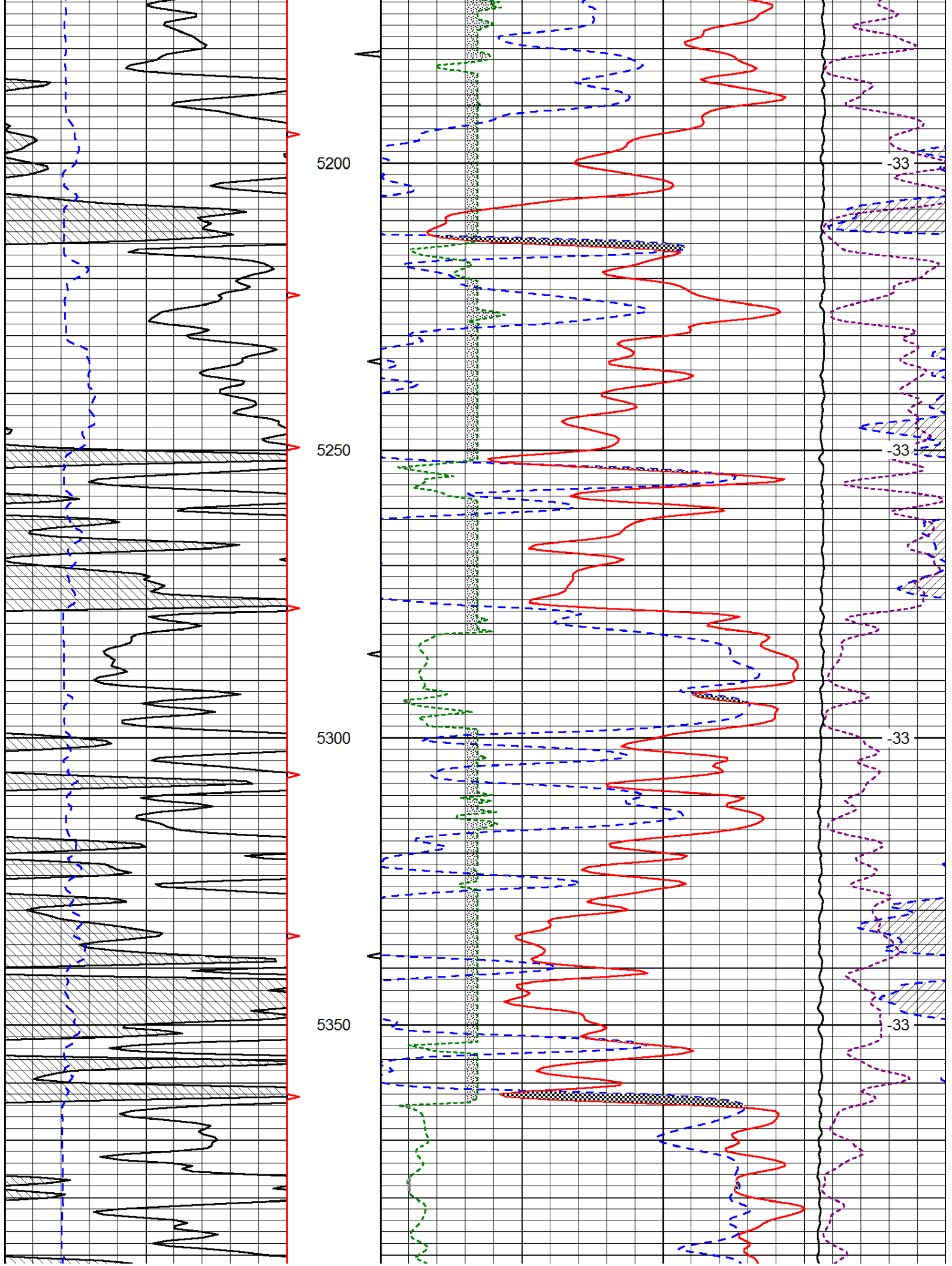


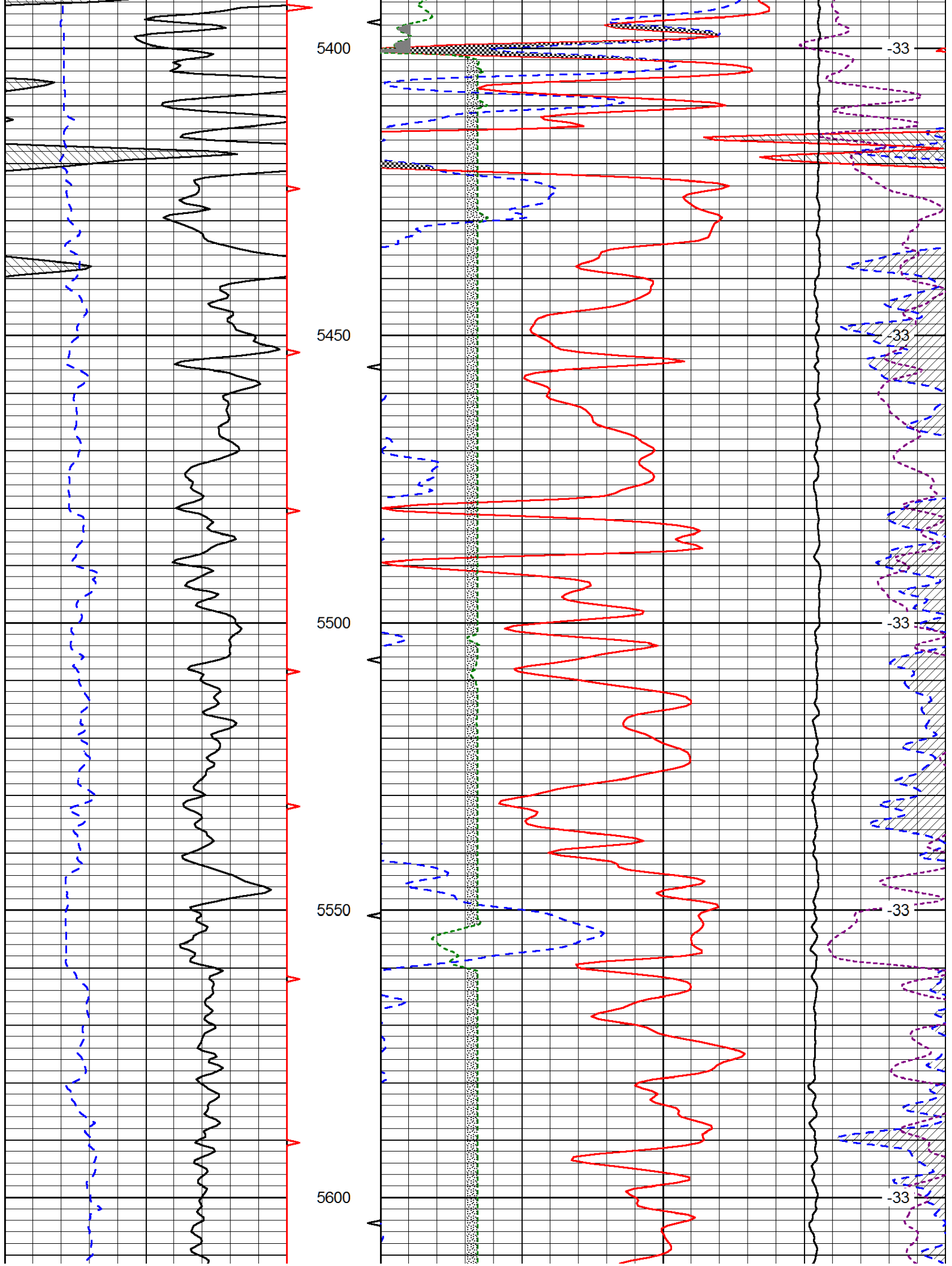


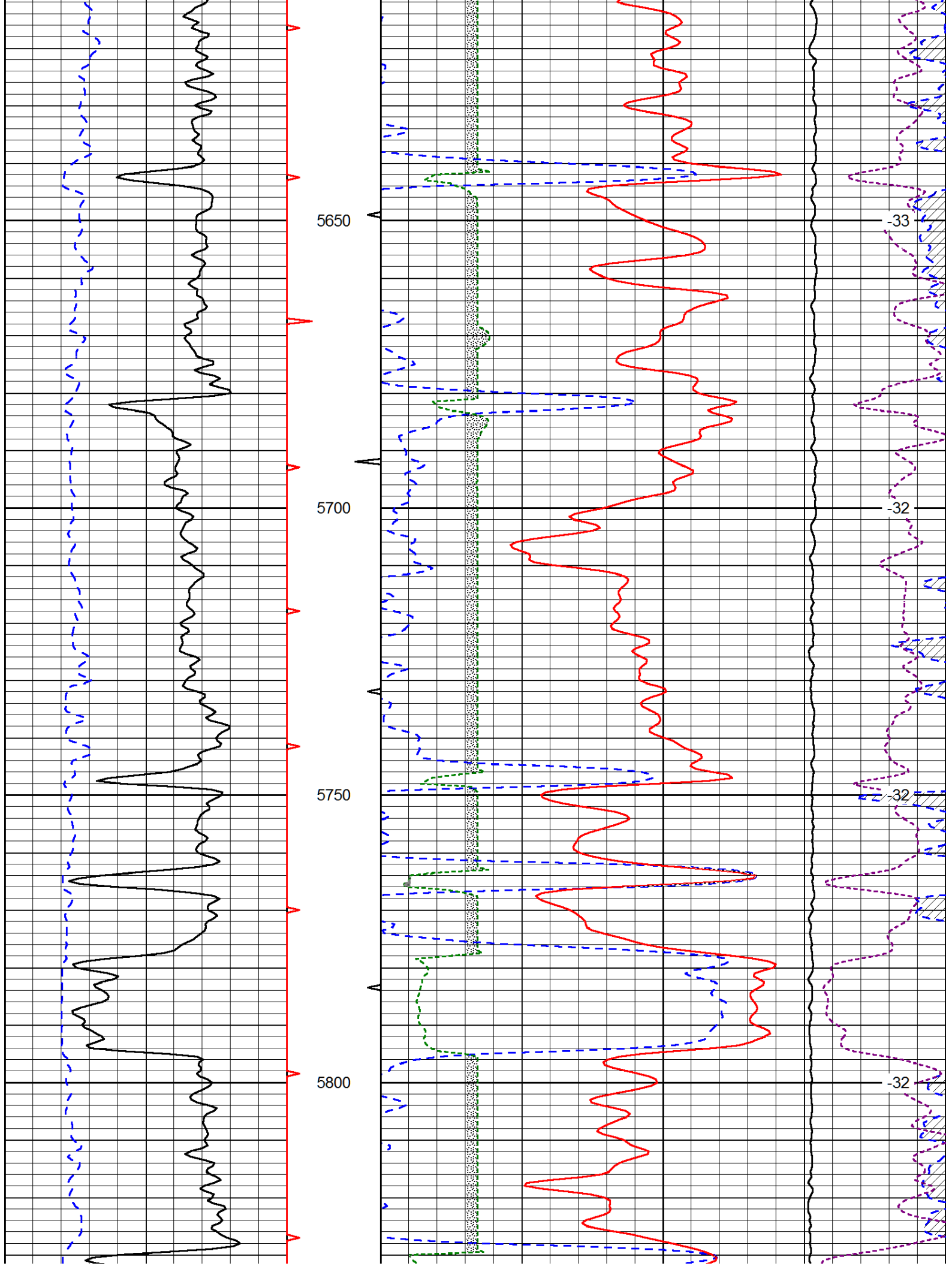


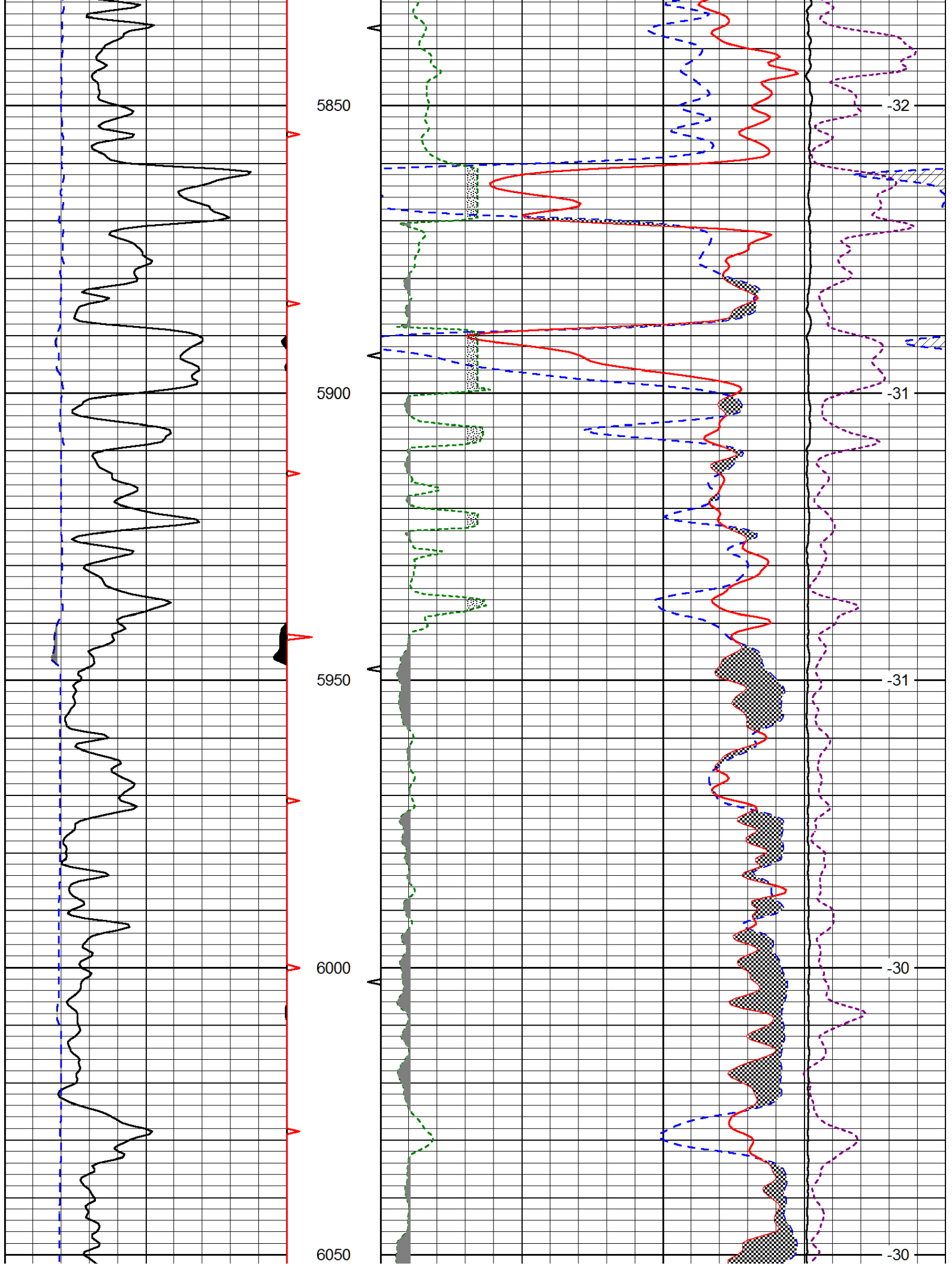


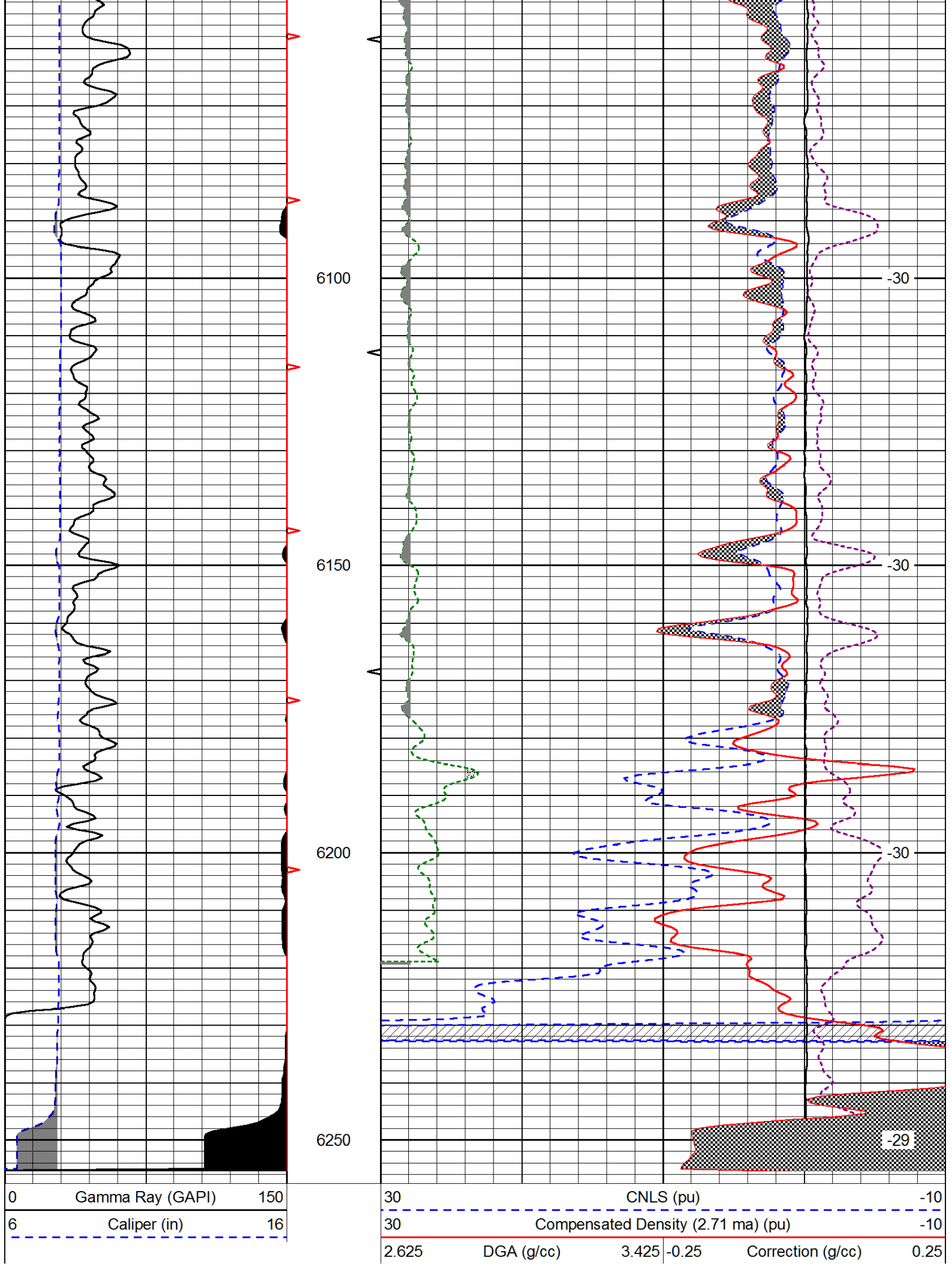












10000		Line Tension (lb)	0
			LSPD (ft/min)