



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-101-22,491-00-00

Company Forestar Petroleum Company

Well LCF No. 1-11

Field Unnamed

County Lane

State Kansas

Location

NW-NW-NW-SW
2260' FSL & 140' FWL

Other Services
DIL
MEI/BHCS

Sec: 11

Twp: 17S

Rge: 29W

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
Kelly Bushing

Elevation 2789

K.B. 2794
D.F.
G.L. 2789

Date

2/12/14

Run Number

One

Type Log

CNL / CDL

Depth Driller

4650

Depth Logger

4653

Bottom Logged Interval

4632

Top Logged Interval

3500

Type Fluid In Hole

Chemical

Salinity, PPM CL

2,400

Density

9.2

Level

Full

Max. Rec. Temp. F

123

Operating Rig Time

5 Hours

Equipment -- Location

17 Hays

Recorded By

J. Henrickson

Witnessed By

Macklin Armstrong

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

261

8.625

23#

00

261

Two

7.875

261

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.

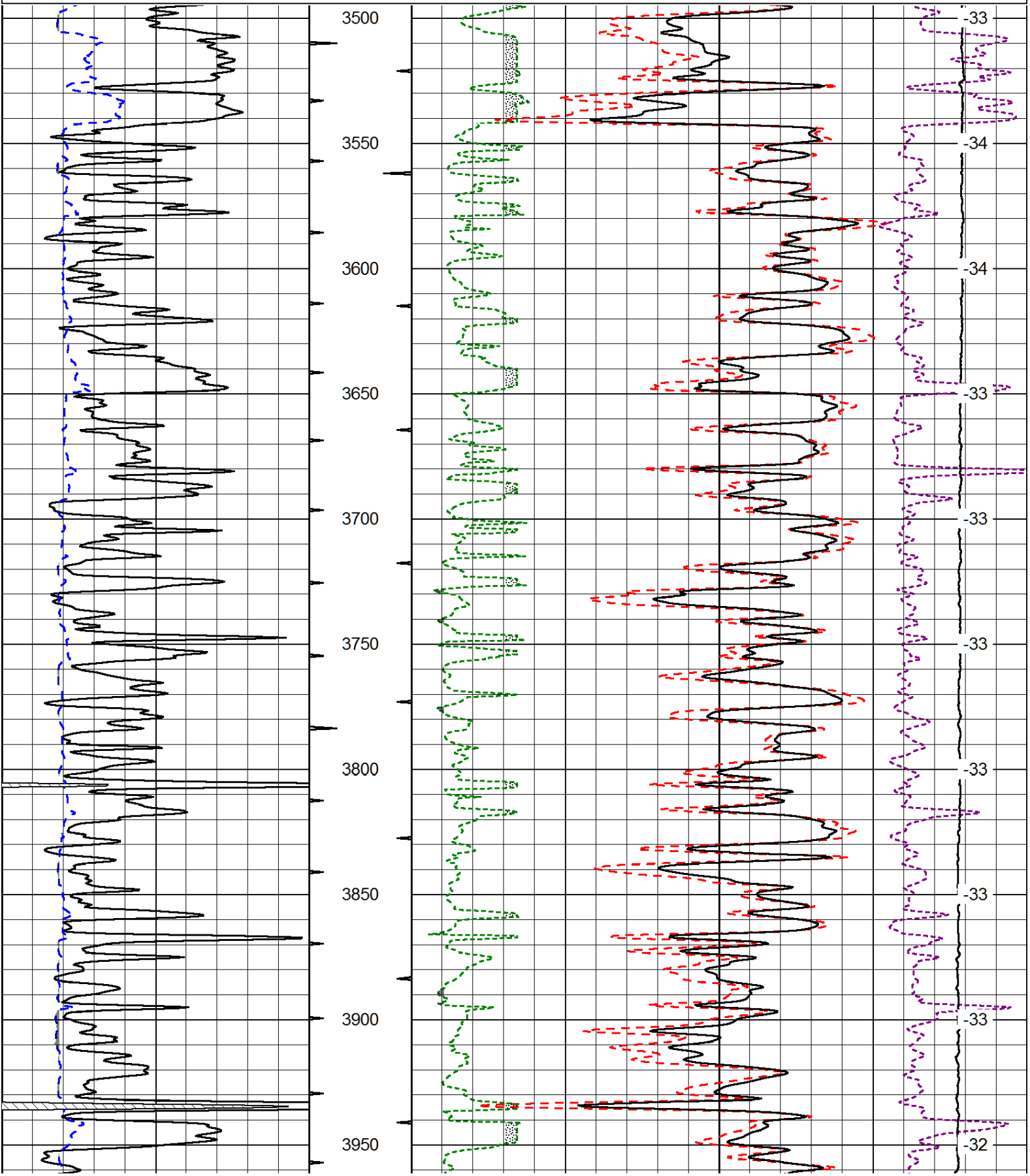
Comments

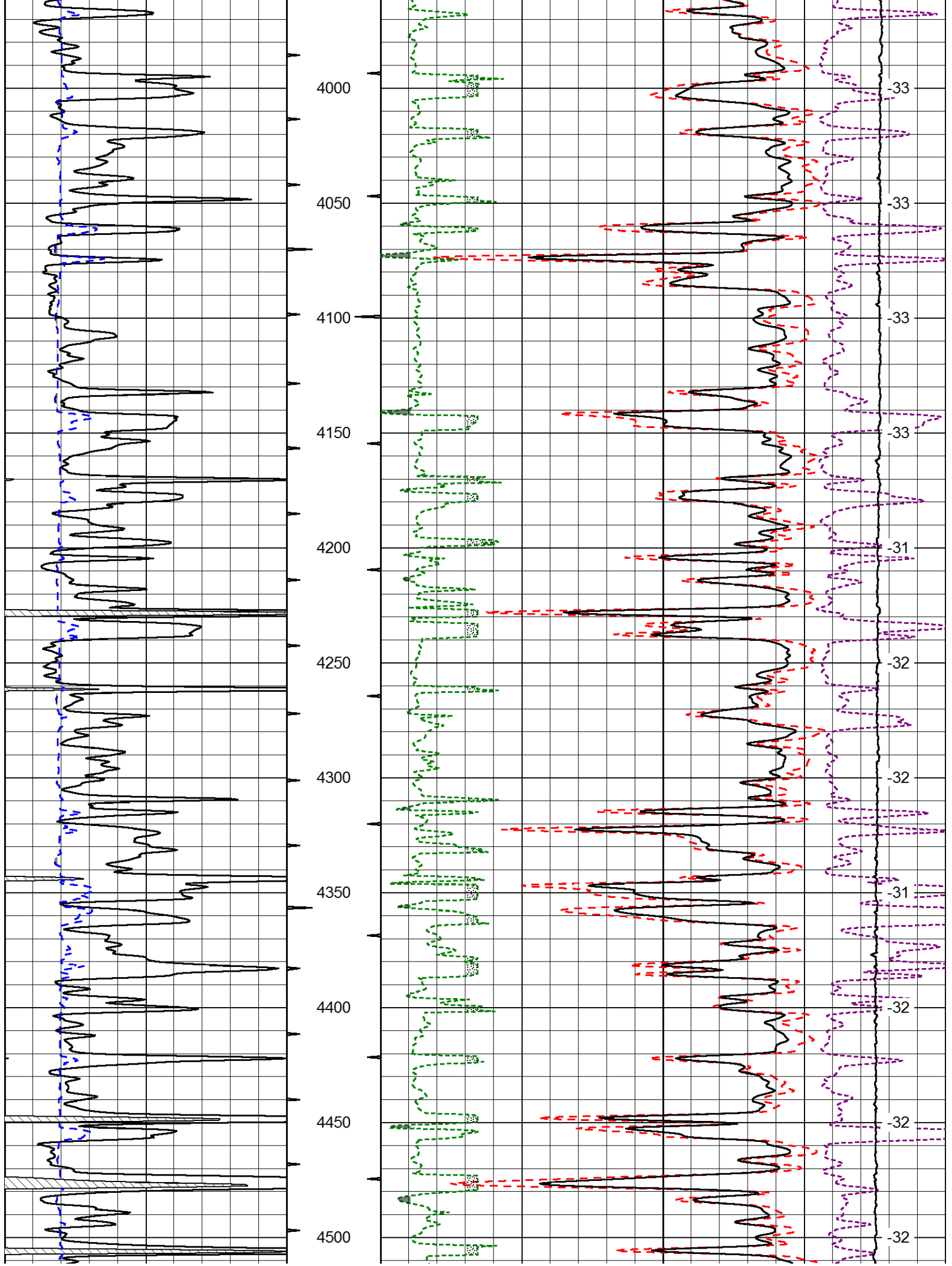
Thank you for using Log-Tech, Inc.
(785) 625-3858

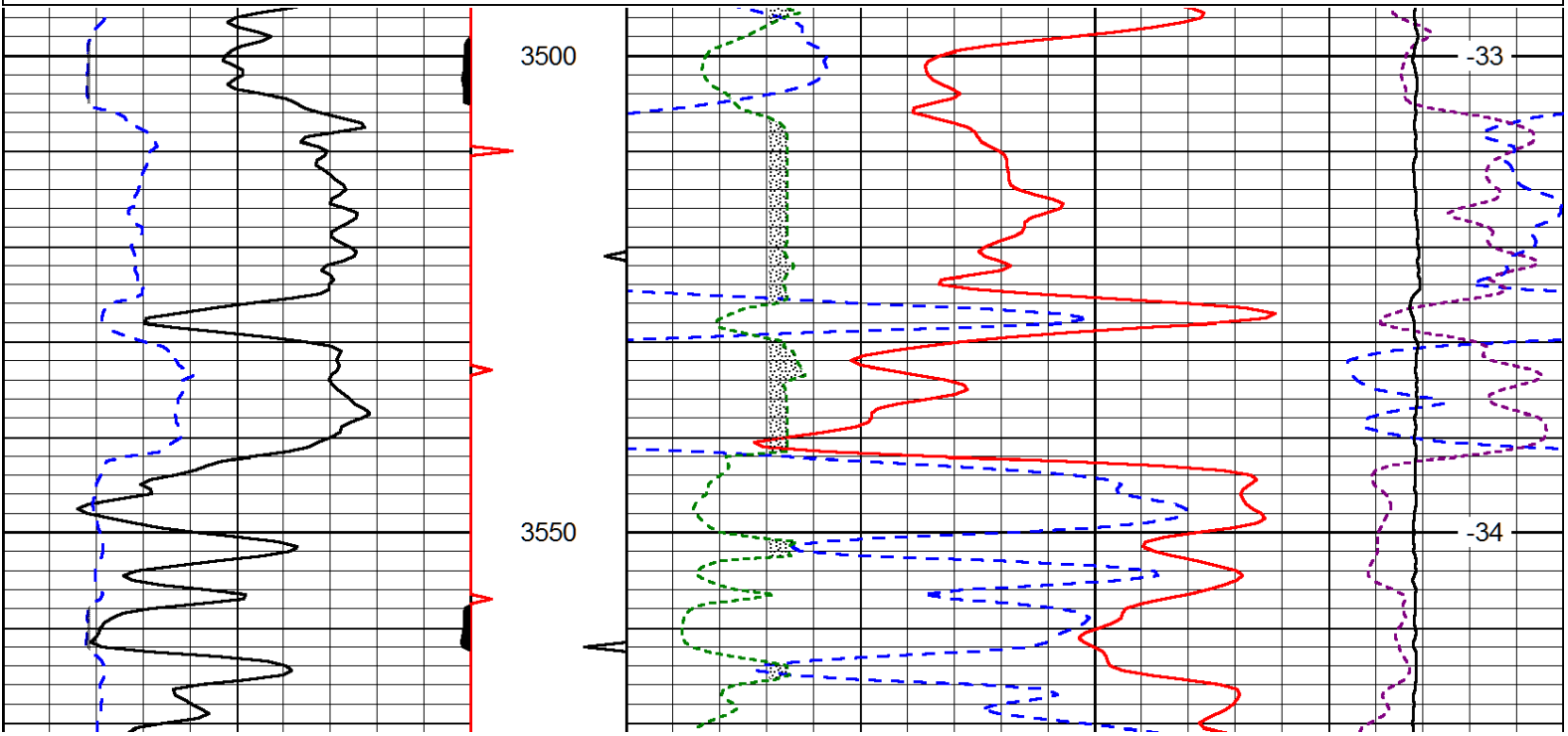
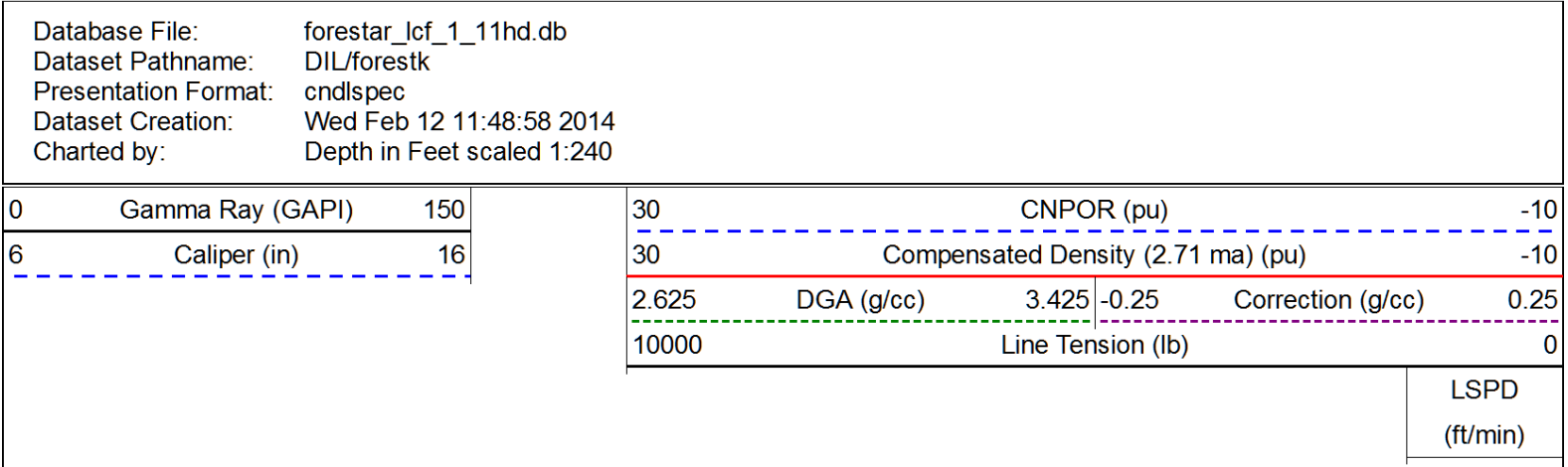
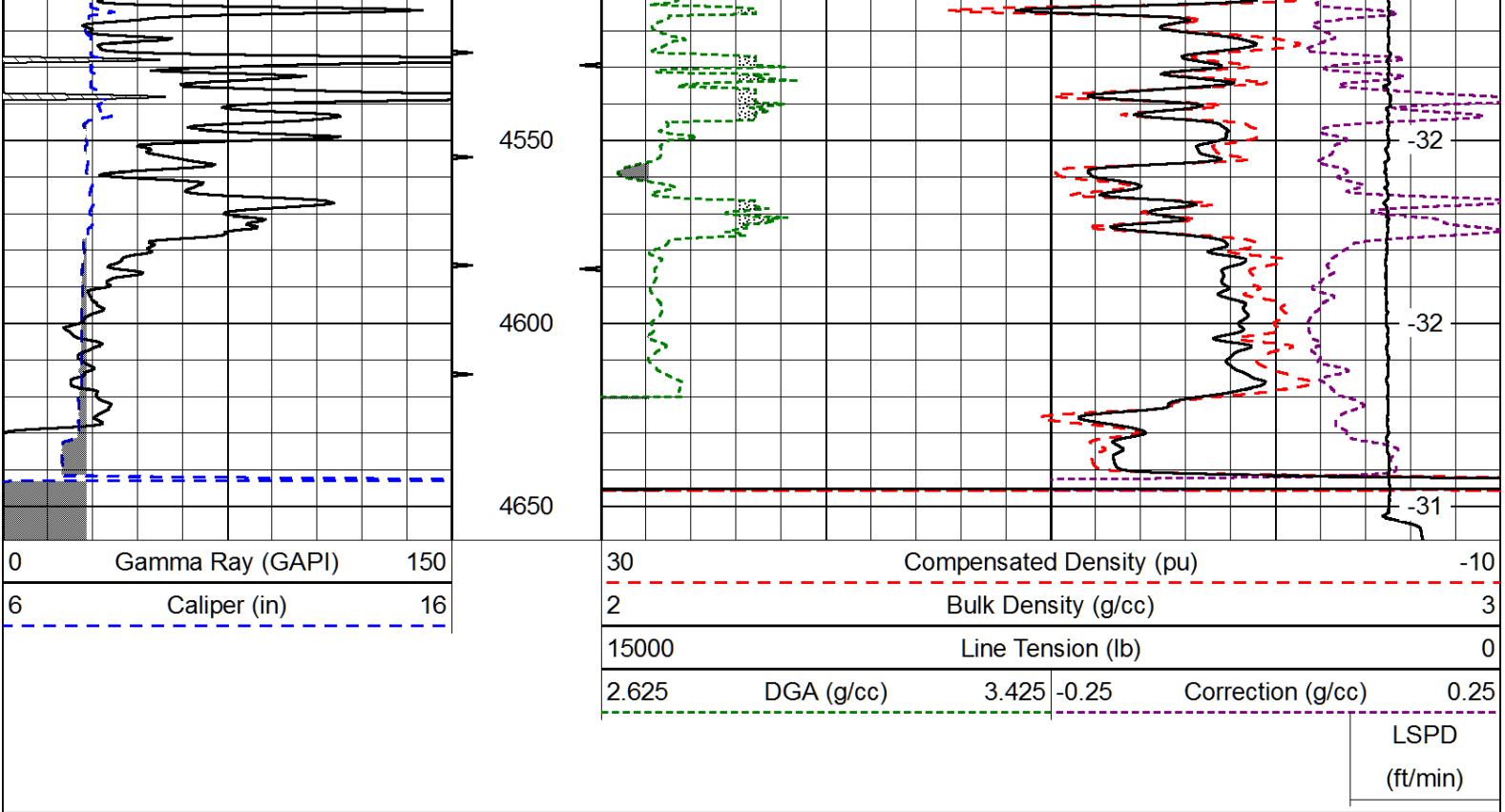
Dighton Kansas
North to CR 230, 2 West, South Into(almost a mile)

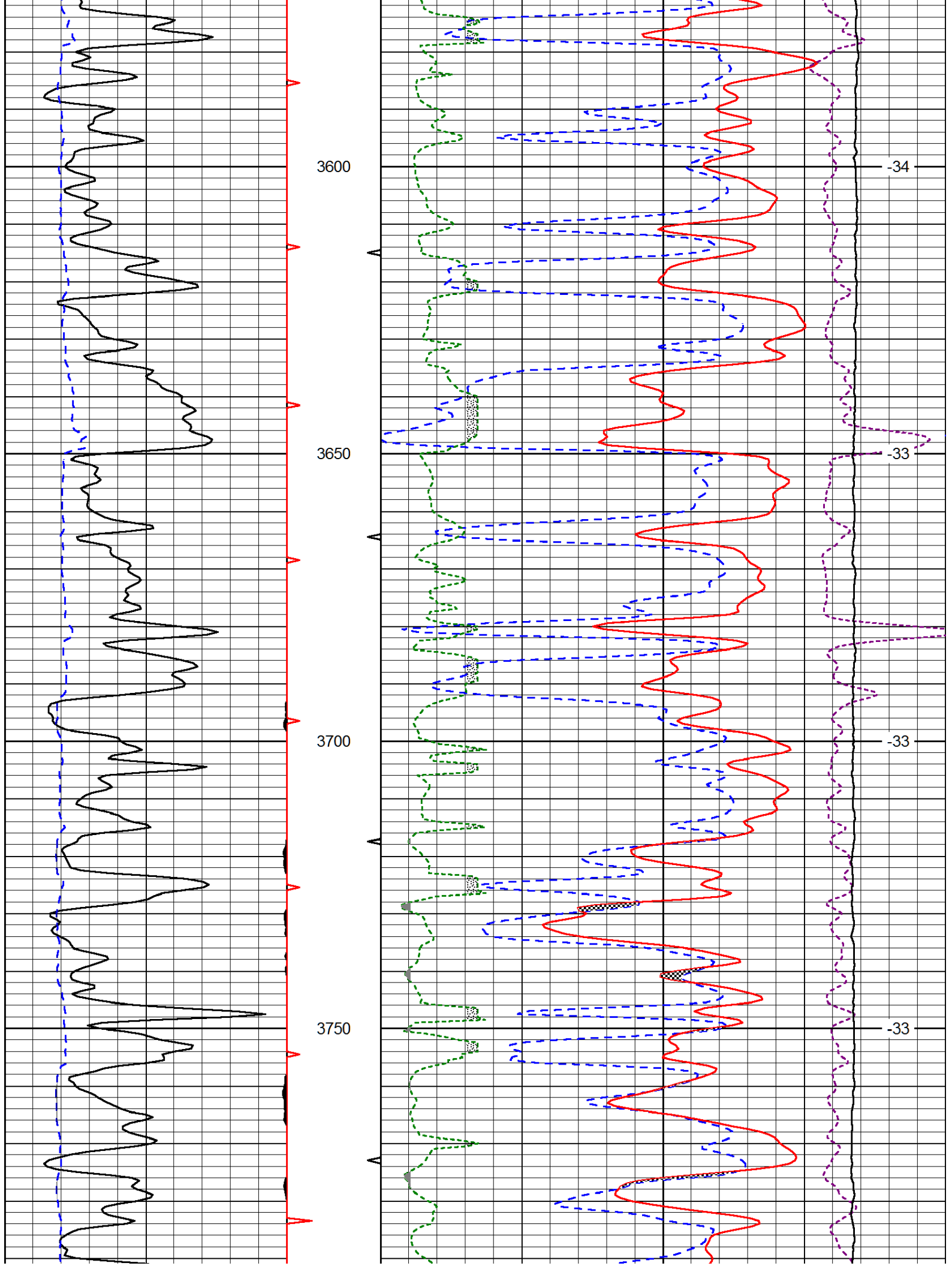
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

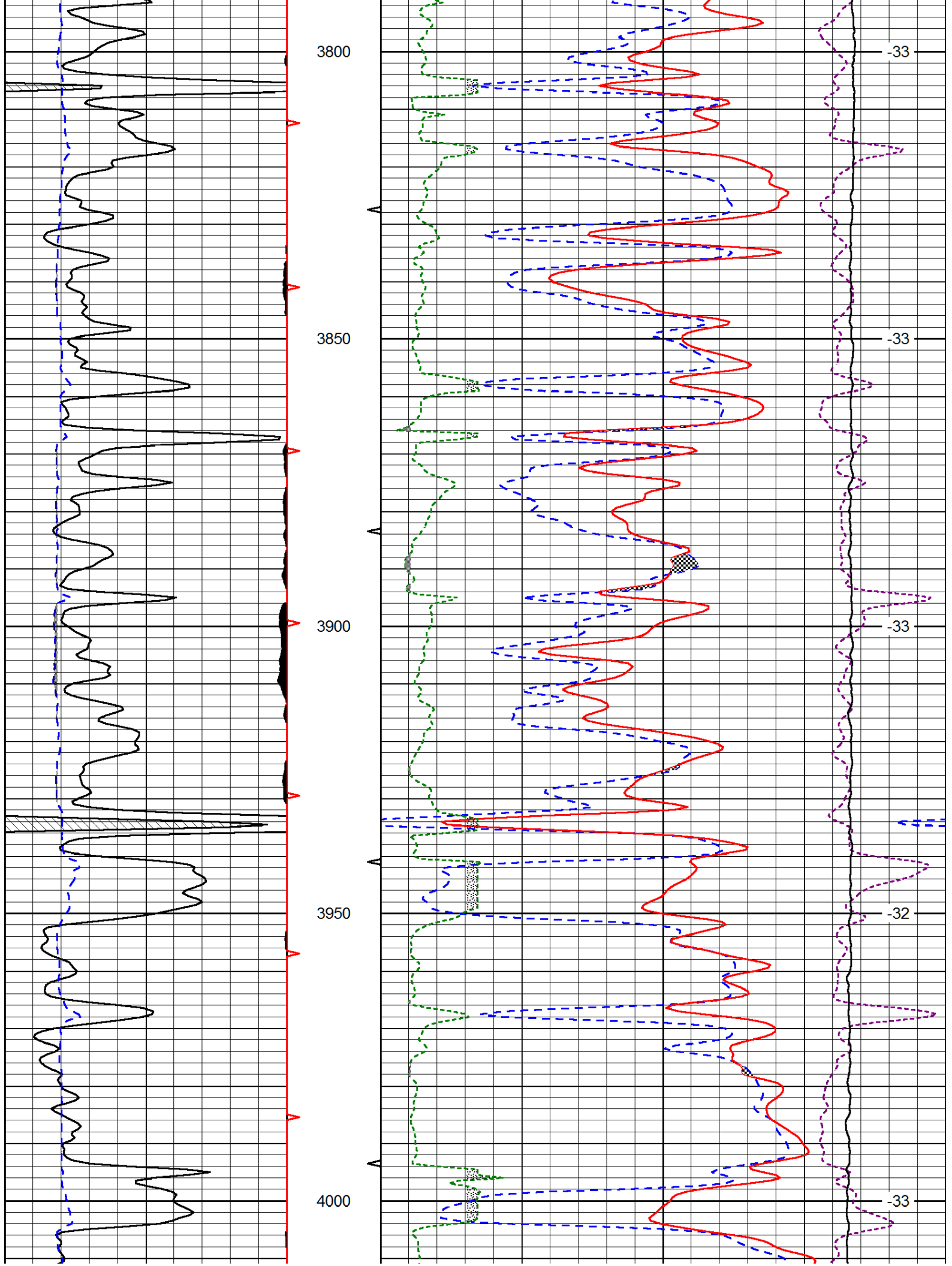
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25
	LSPD		(ft/min)

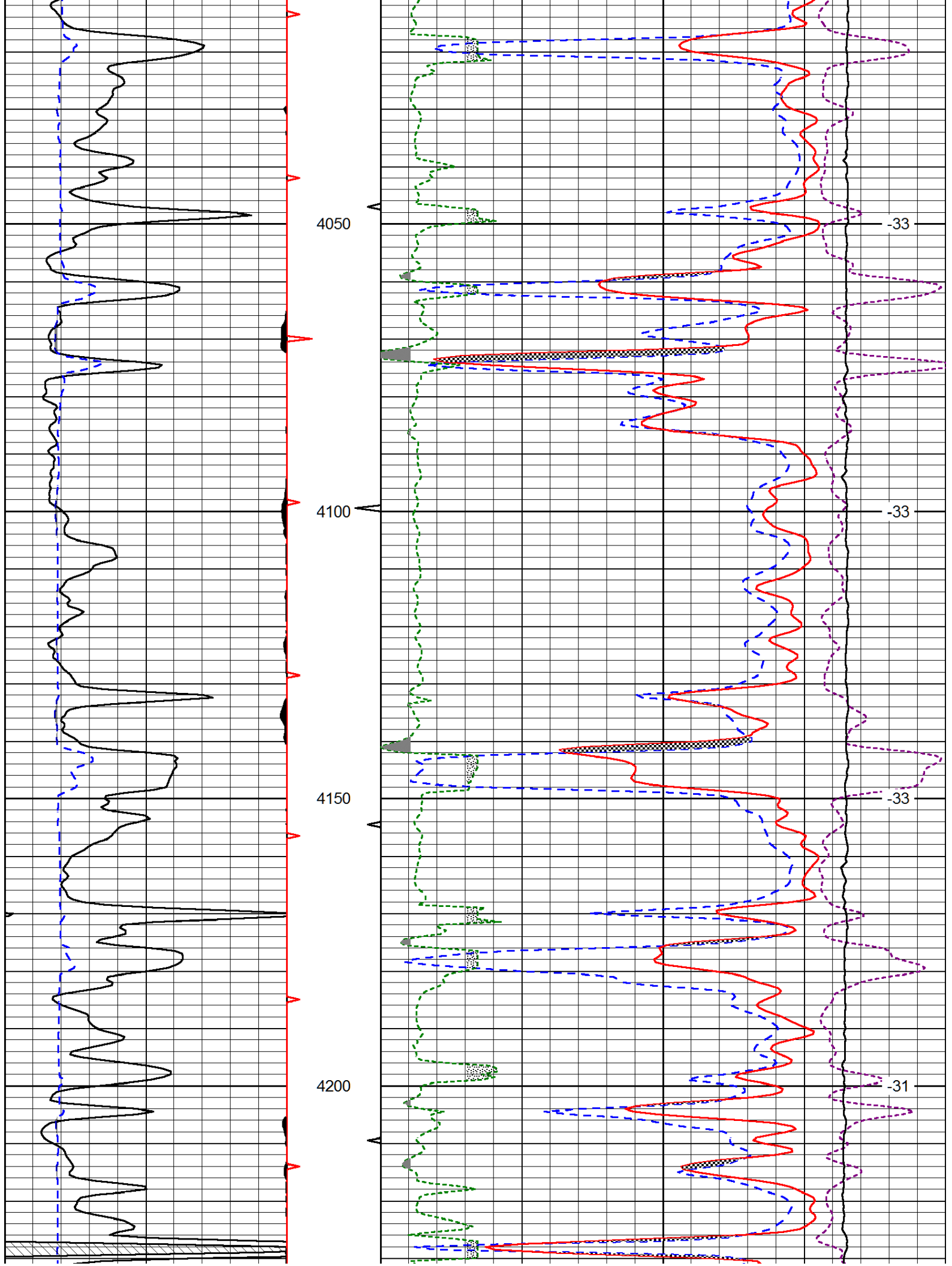


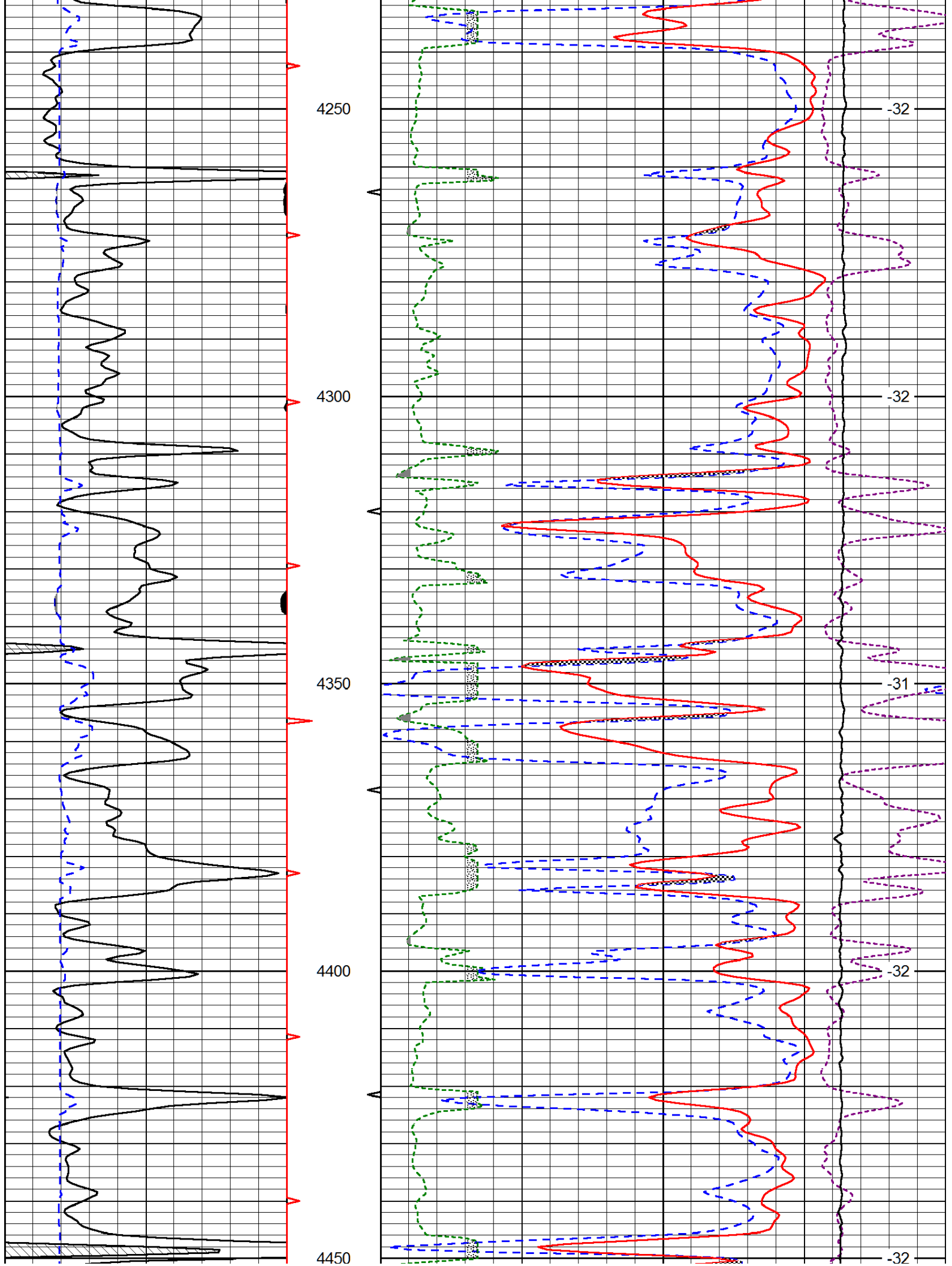


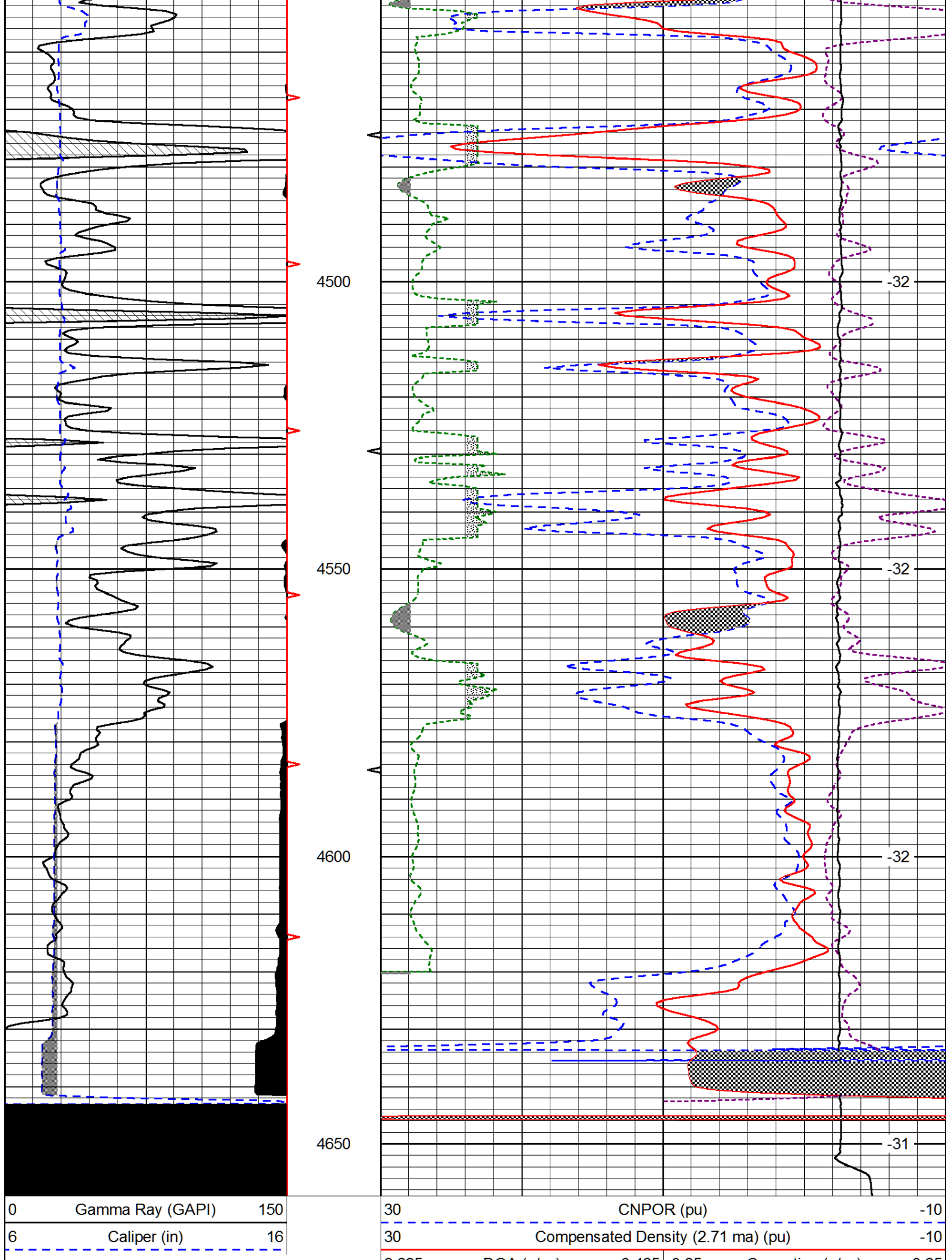












	2.025	DCA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
	10000	Line Tension (lb)				0
					LSPD (ft/min)	