



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-077-21689-00-00

Company Charles N. Griffin

Well Diel #1

Field Hibbord North East

County Harper State Kansas

Location

Sec: 31

Twp: 33s Rge: 08w

SE SW NW
2310' FNL & 1165' FWL

Ground Level

Elevation 1298

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Dilling Measured From Kelly Bushing

K.B. 1308

D.F. 1298

G.L. 1298

Elevation

DIL

Other Services

Date 7/24/10

Run Number One

Type Log CNL / CDL

Depth Driller 4700

Depth Logger 4694

Bottom Logged Interval 4673

Top Logged Interval 3400

Type Fluid In Hole Chemical

Salinity, PPM CL 5000

Density 9.5

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 2 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart B. Becker

Witnessed By J.R. Griffin

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One 12.25

00

264

8.625

23#

00

264

Two 7.875

264

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

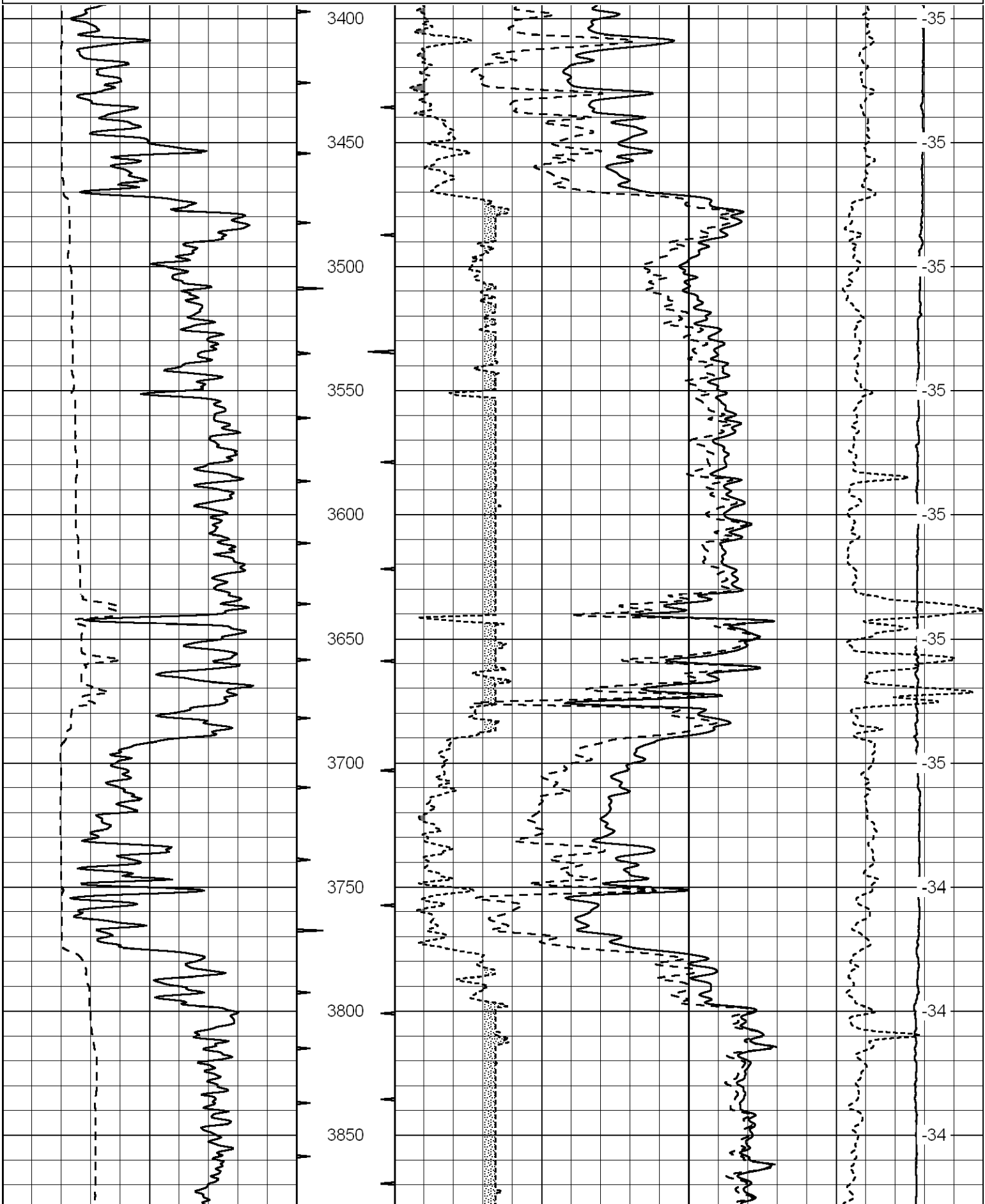
Thank you for using Log-Tech, Inc.
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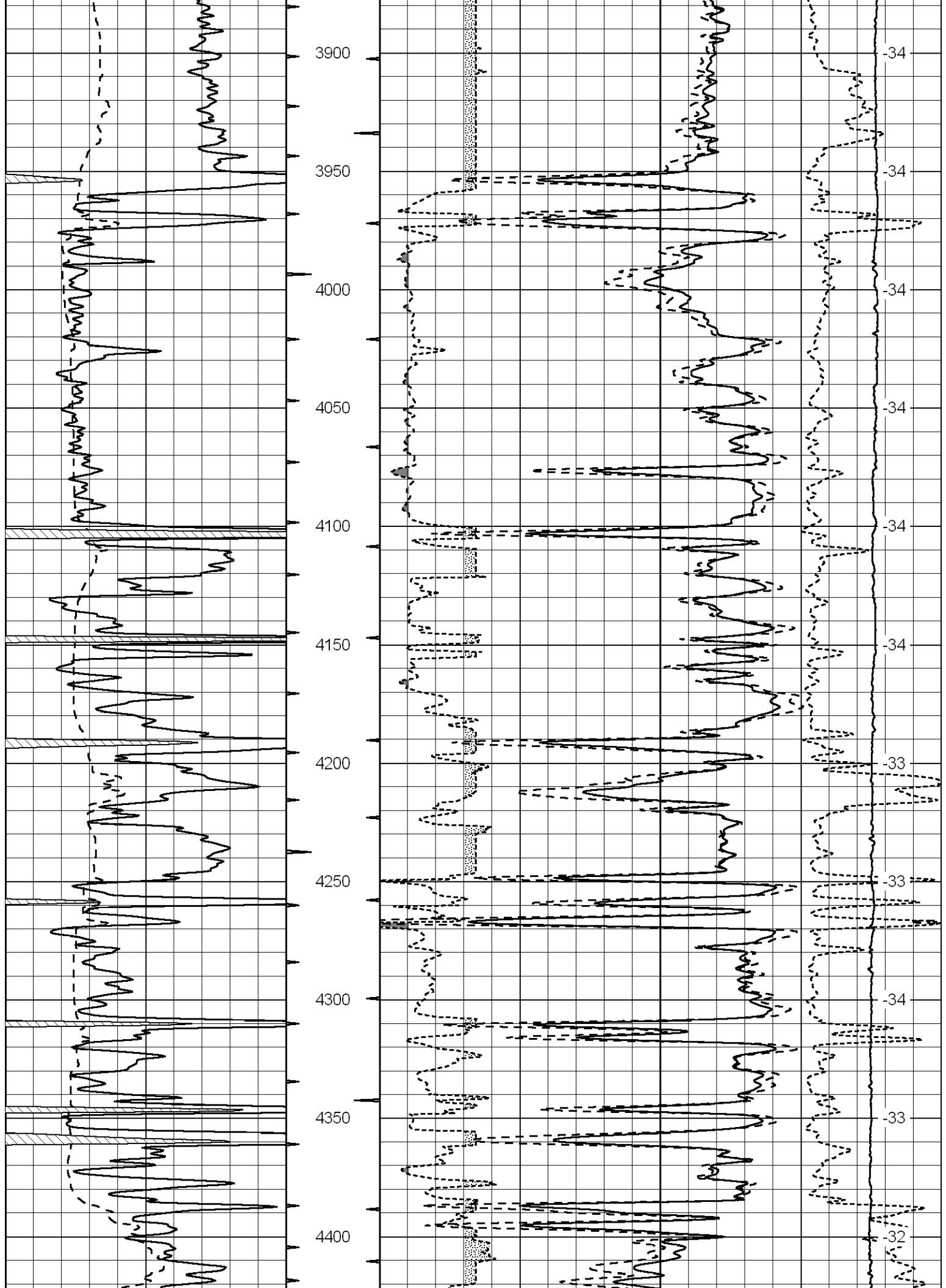
Attica, KS
S to Highway 2, 1.5 S, E into

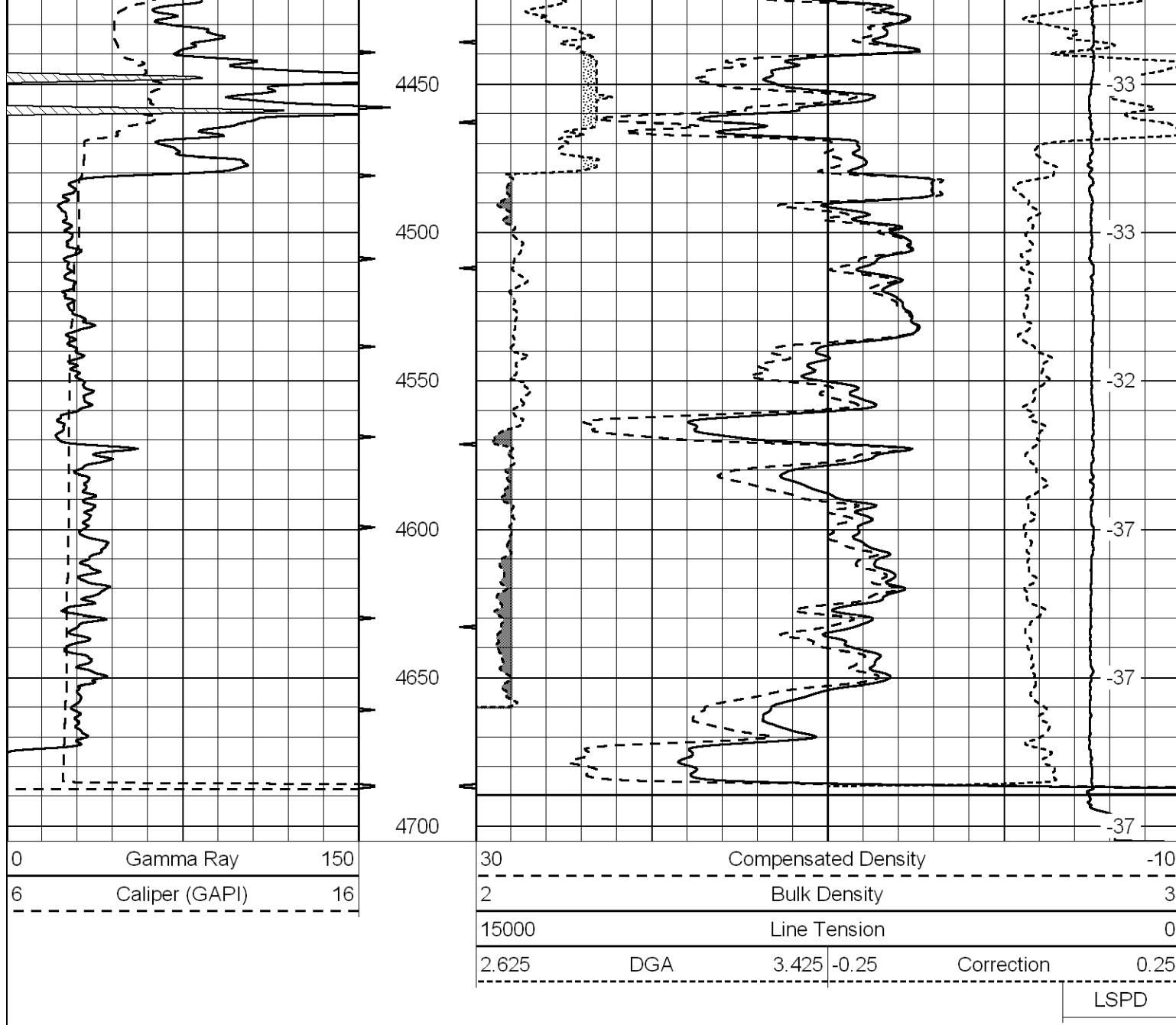
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Presentation Format: cdl
Dataset Creation: Sat Jul 24 19:33:07 2010
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

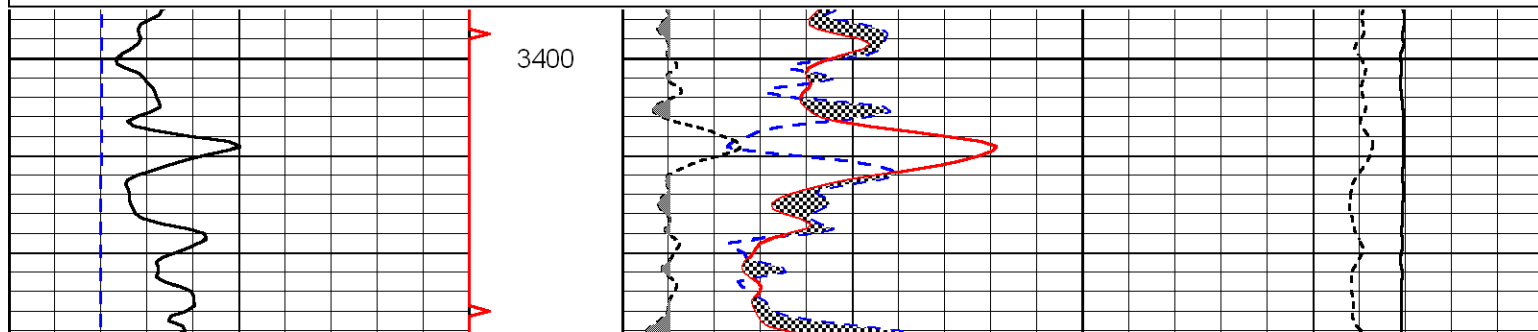
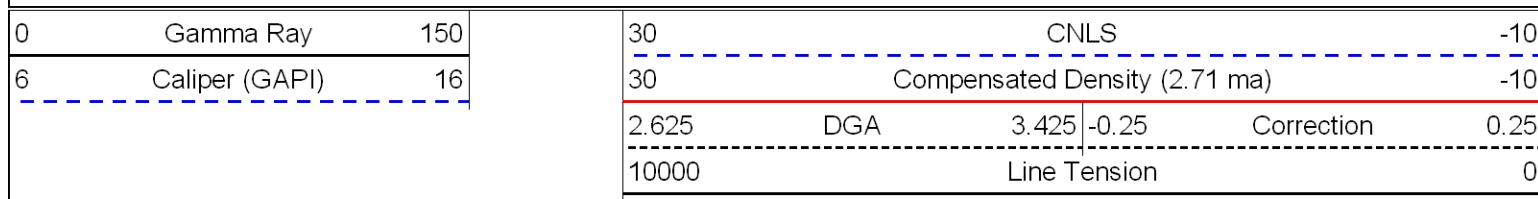
30		Compensated Density		-10	
2		Bulk Density		3	
15000		Line Tension		0	
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

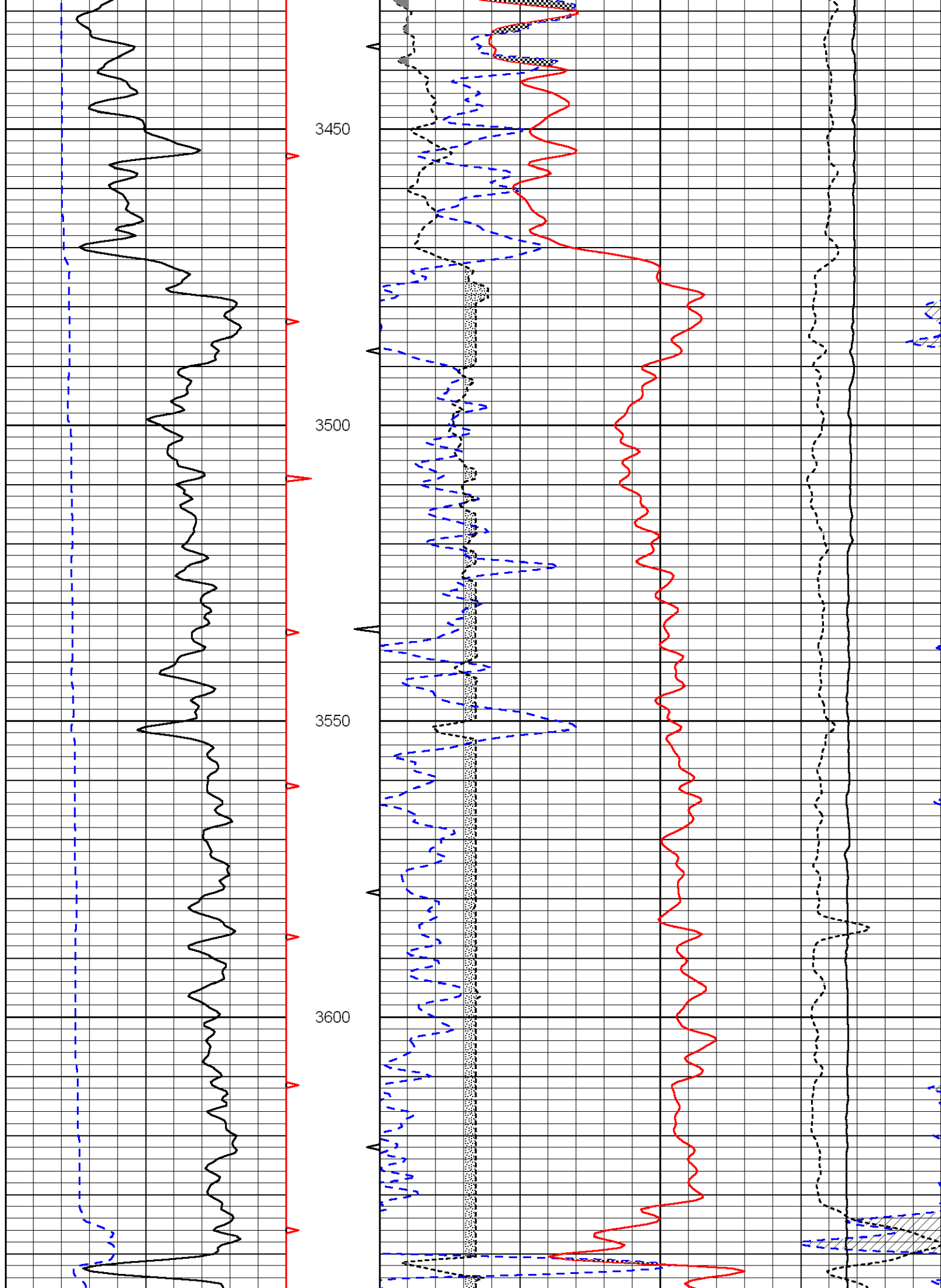


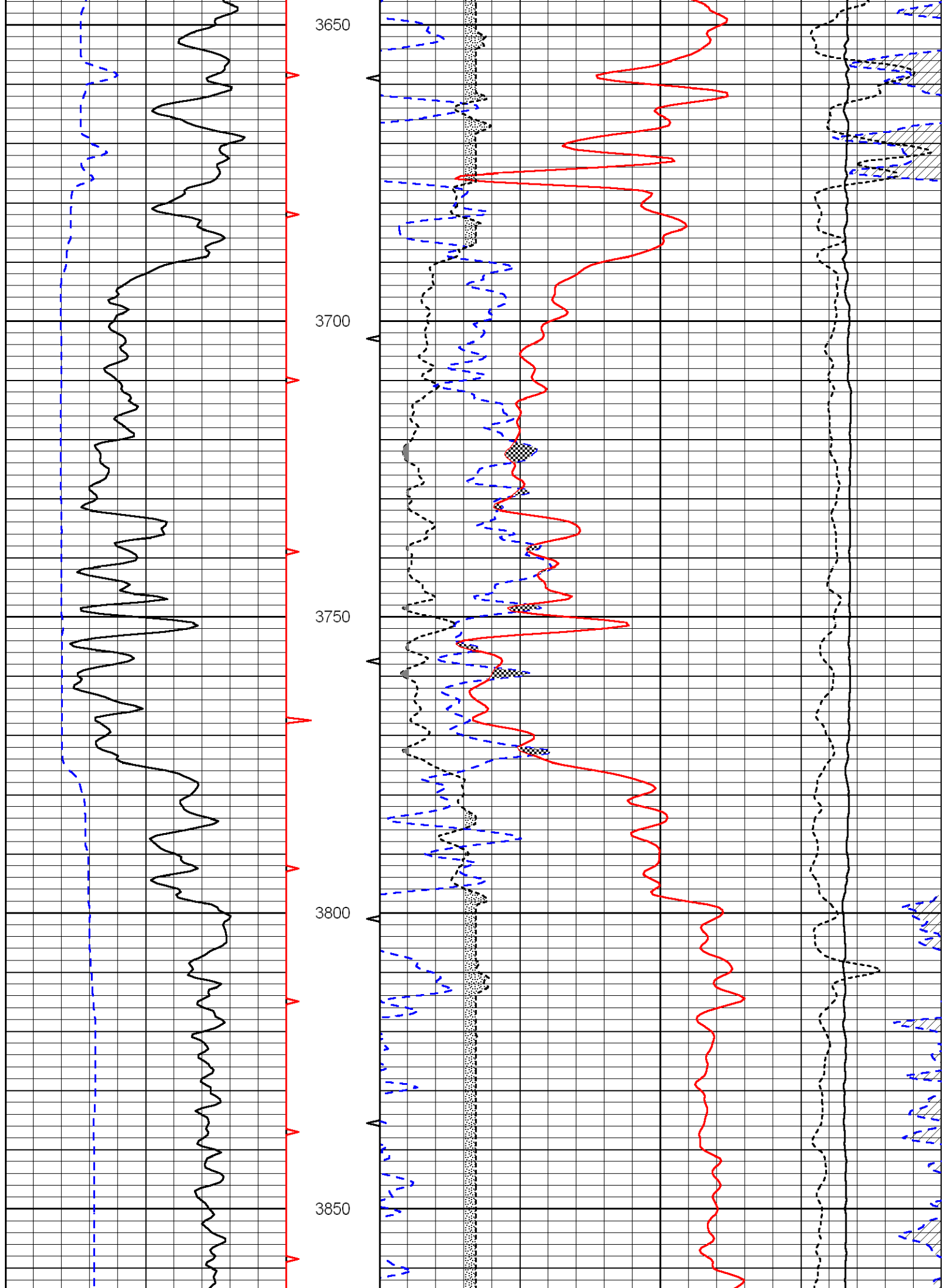


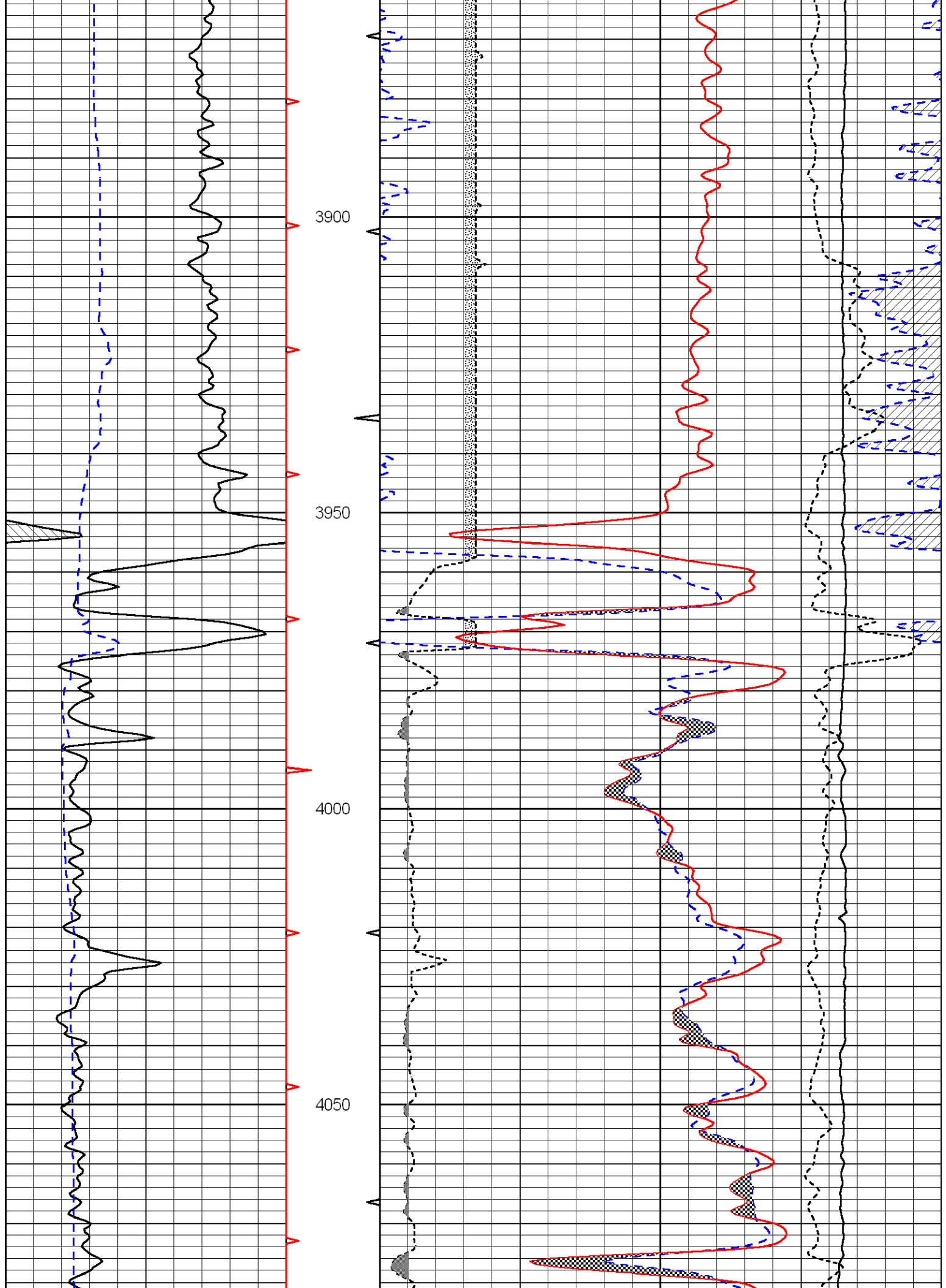


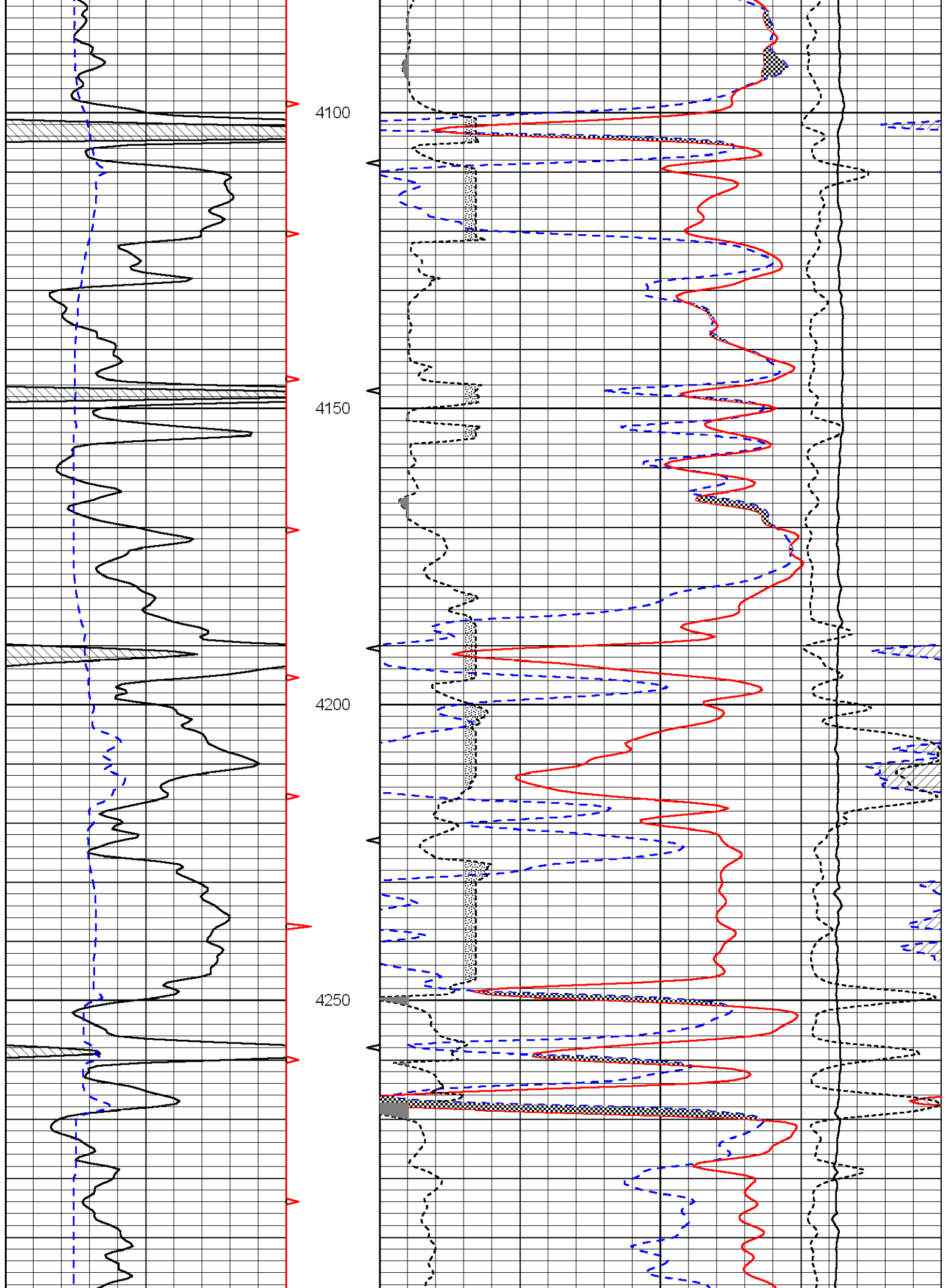
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 Charted by: Depth in Feet scaled 1:240

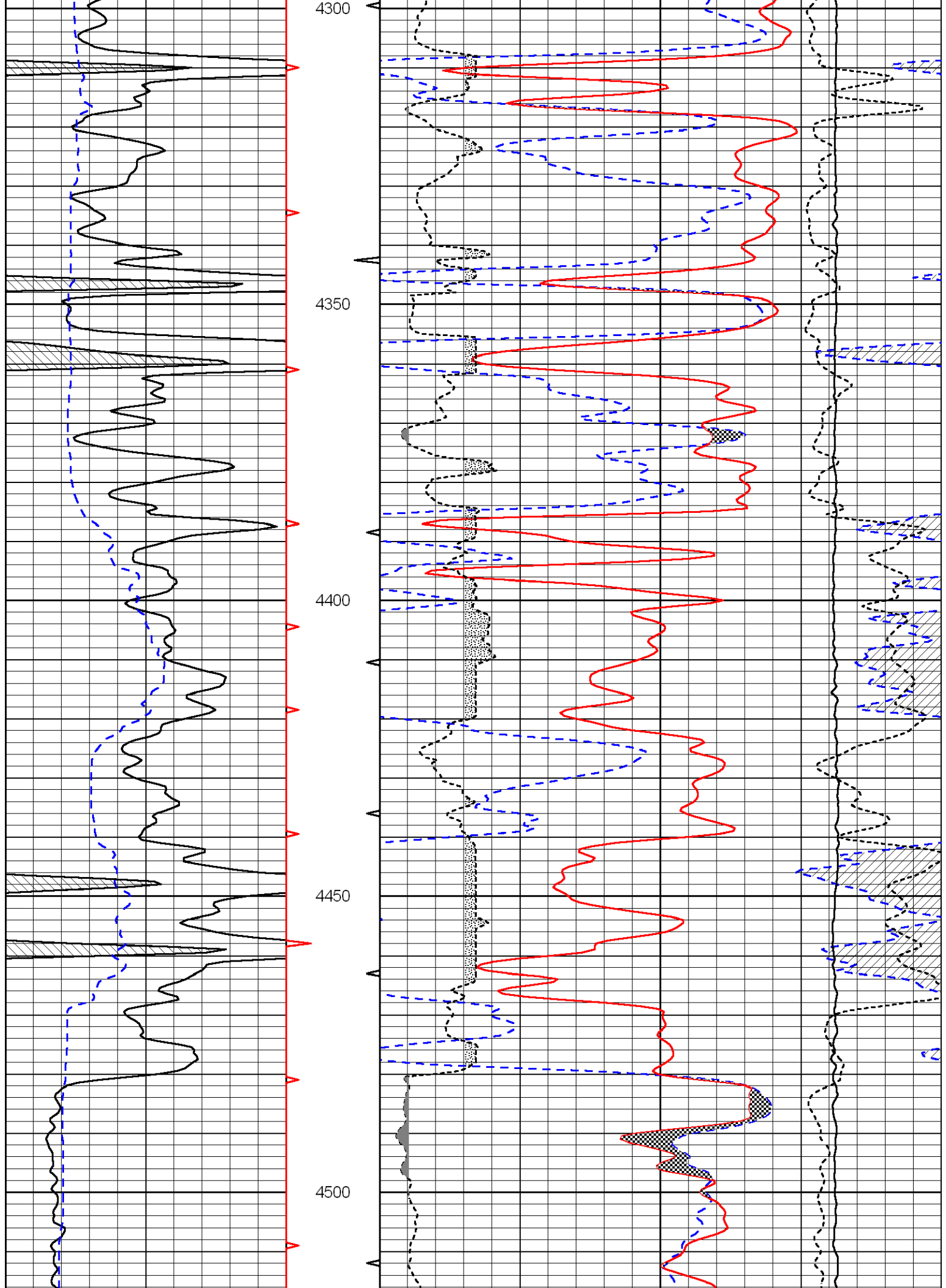


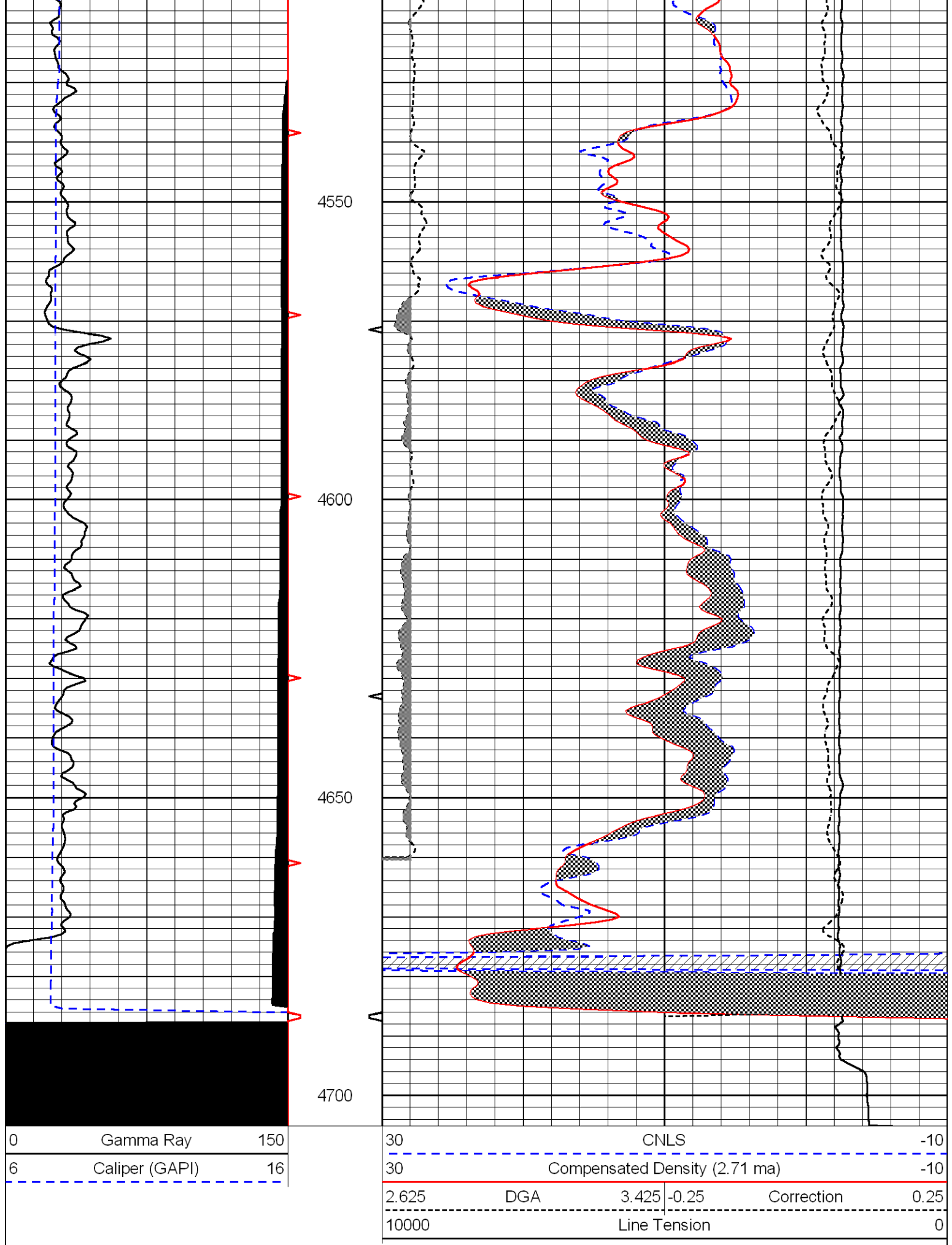












0	Gamma Ray	150
6	Caliper (GAPI)	16

30	CNLS				-10
30	Compensated Density (2.71 ma)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension				0