



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-135-24,901-00-00

Company Pintail Petroleum, Ltd.

Well Armstrong No. 4

Field Prairie Ridge

County Ness State Kansas

Location 1260' FSL & 1425' FWL

Other Services
DIL

Sec: 7 Twp: 16 S Rge: 26 W

Permanent Datum Ground Level Elevation 2654

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 2659
D.F. 2654
G.L. 2654

Date 5/11/09

Run Number One

Type Log CNL / CDL

Depth Driller 4540

Depth Logger 4540

Bottom Logged Interval 4520

Top Logged Interval 3700

Type Fluid In Hole Chemical

Salinity, PPM CL 3,000

Density 9.4

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 3 Hours

Equipment -- Location 4 Hays

Recorded By K. Bange

Witnessed By Flip Phillips

Borehole Record Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 0 213 8.625 23# 0 212

Two 7.875 213 TD

Comments

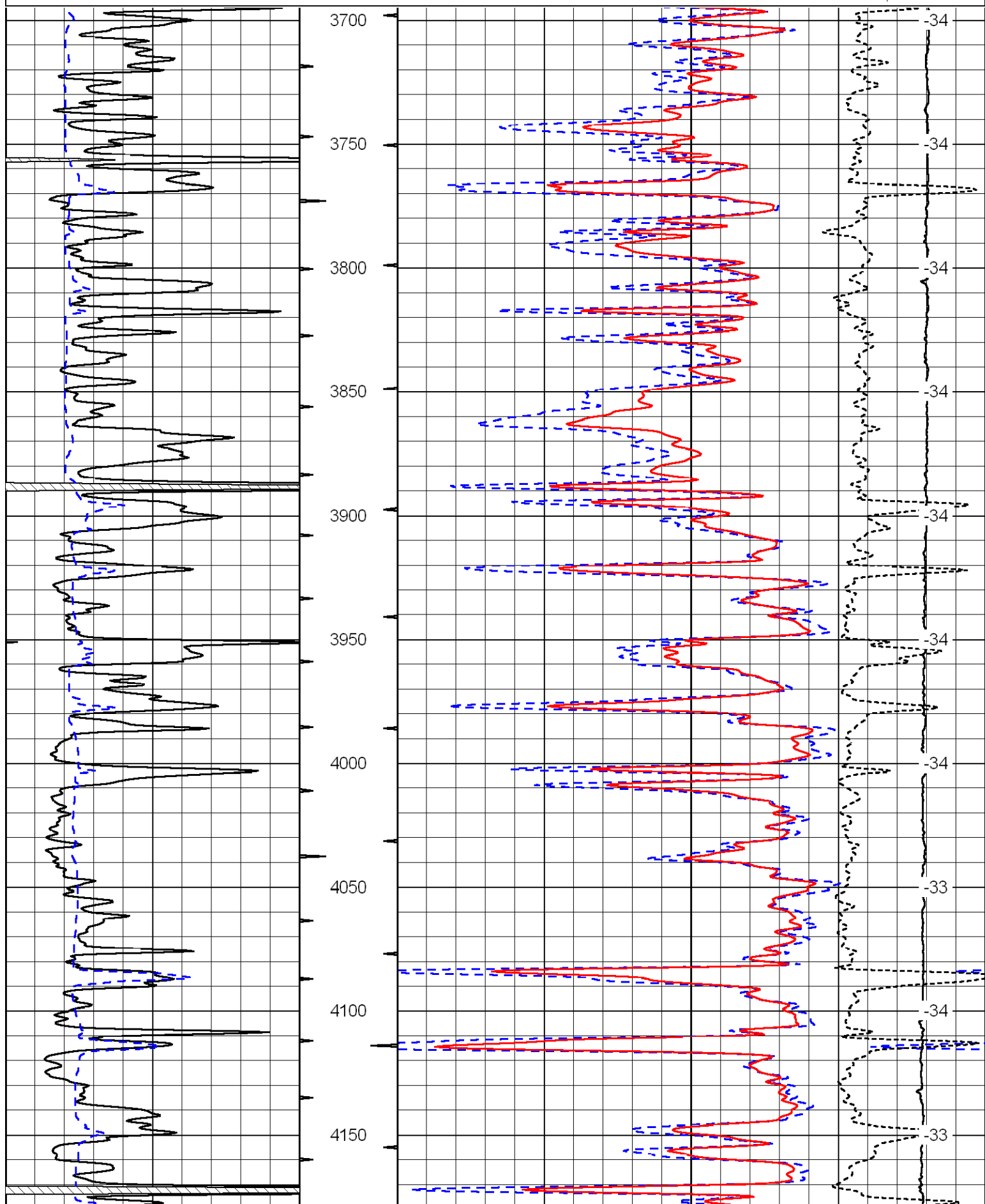
Thank you for using Log-Tech, Inc.
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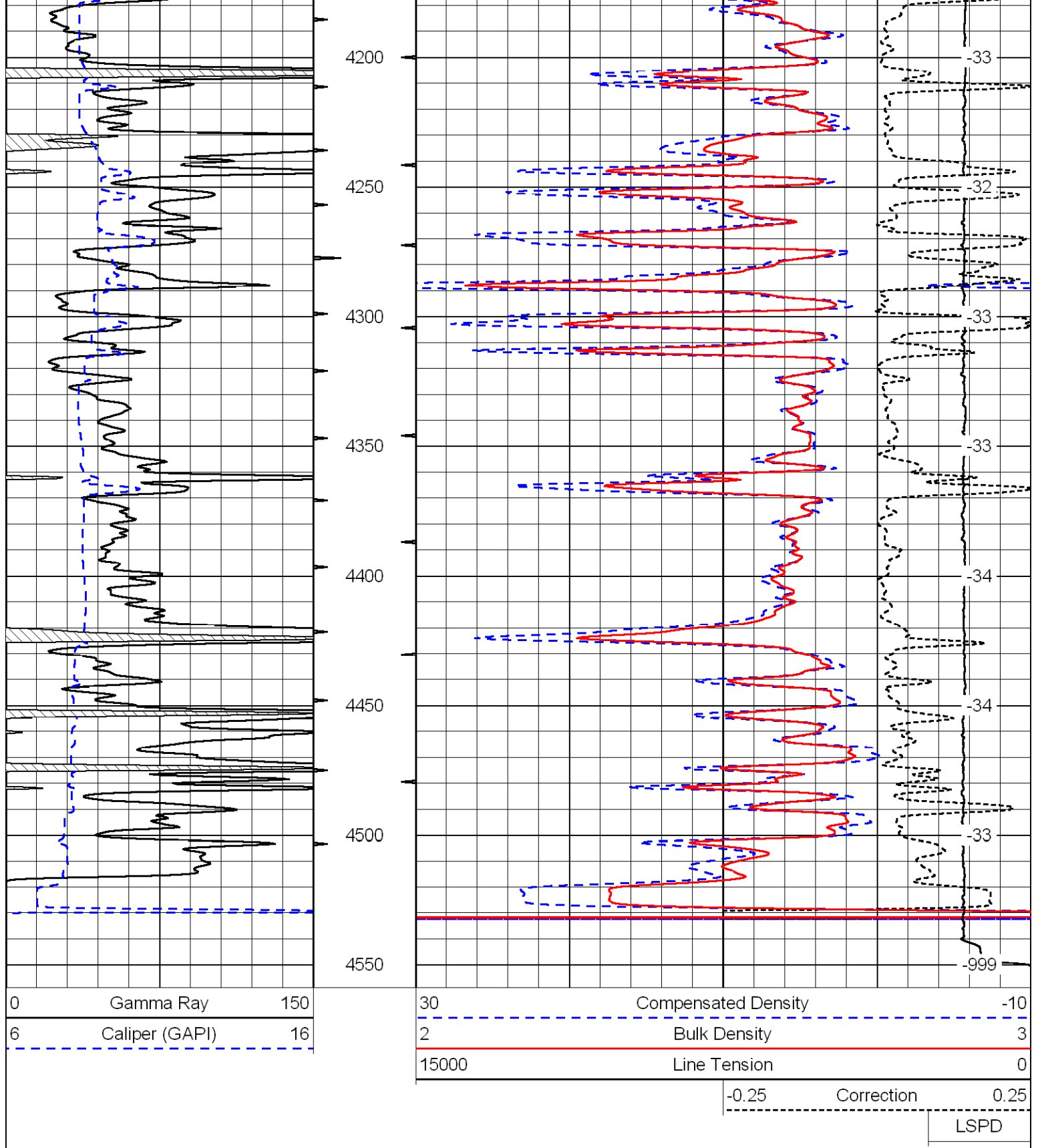
Utica, W to 'A' rd (Quinter rd), 2 N, 3/4 W, N into

Database File: ptail511hd.db
Dataset Pathname: dil/ptail2in
Presentation Format: cdl
Dataset Creation: Mon May 11 08:51:51 2009
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		





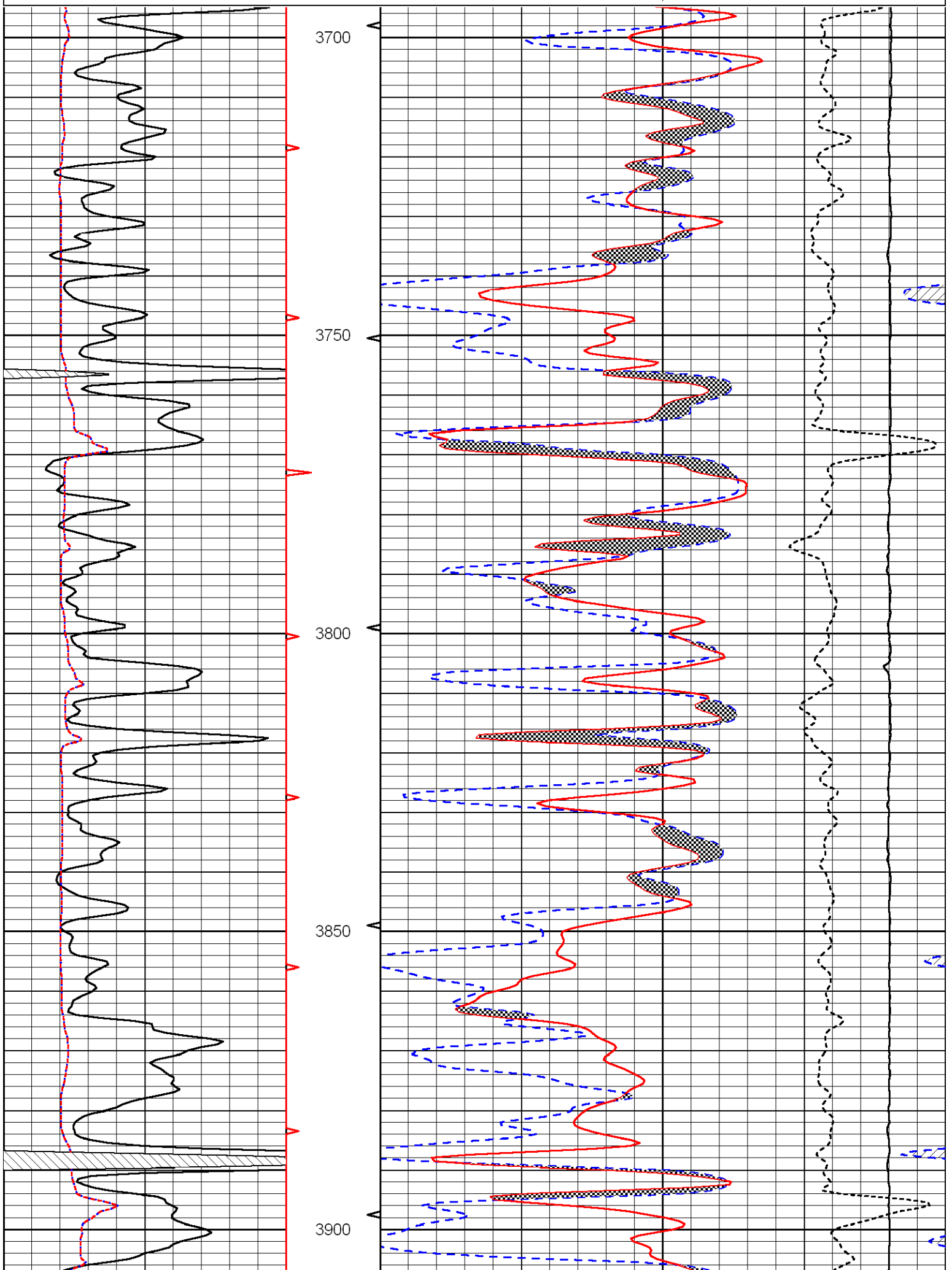
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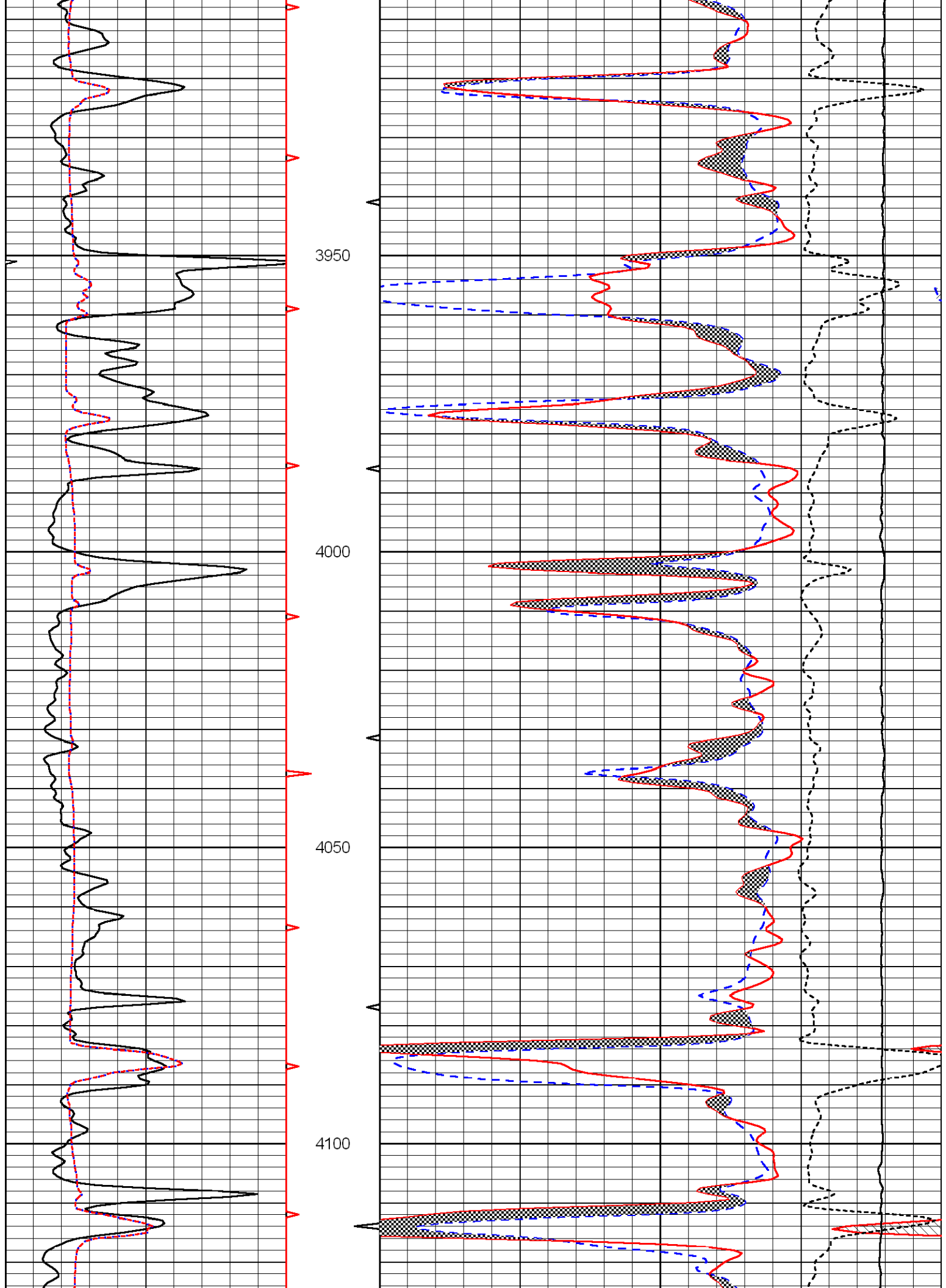


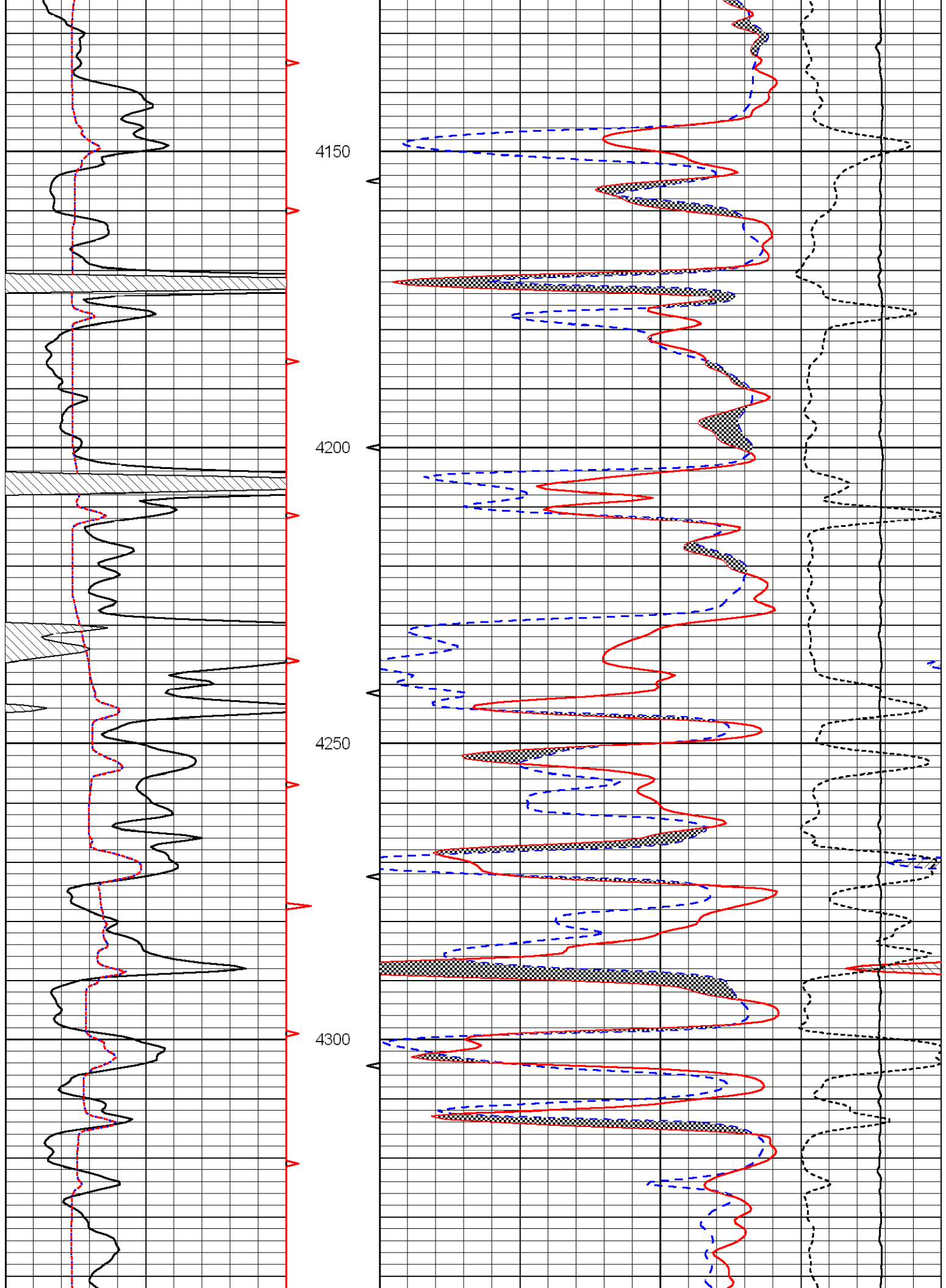
-0.25

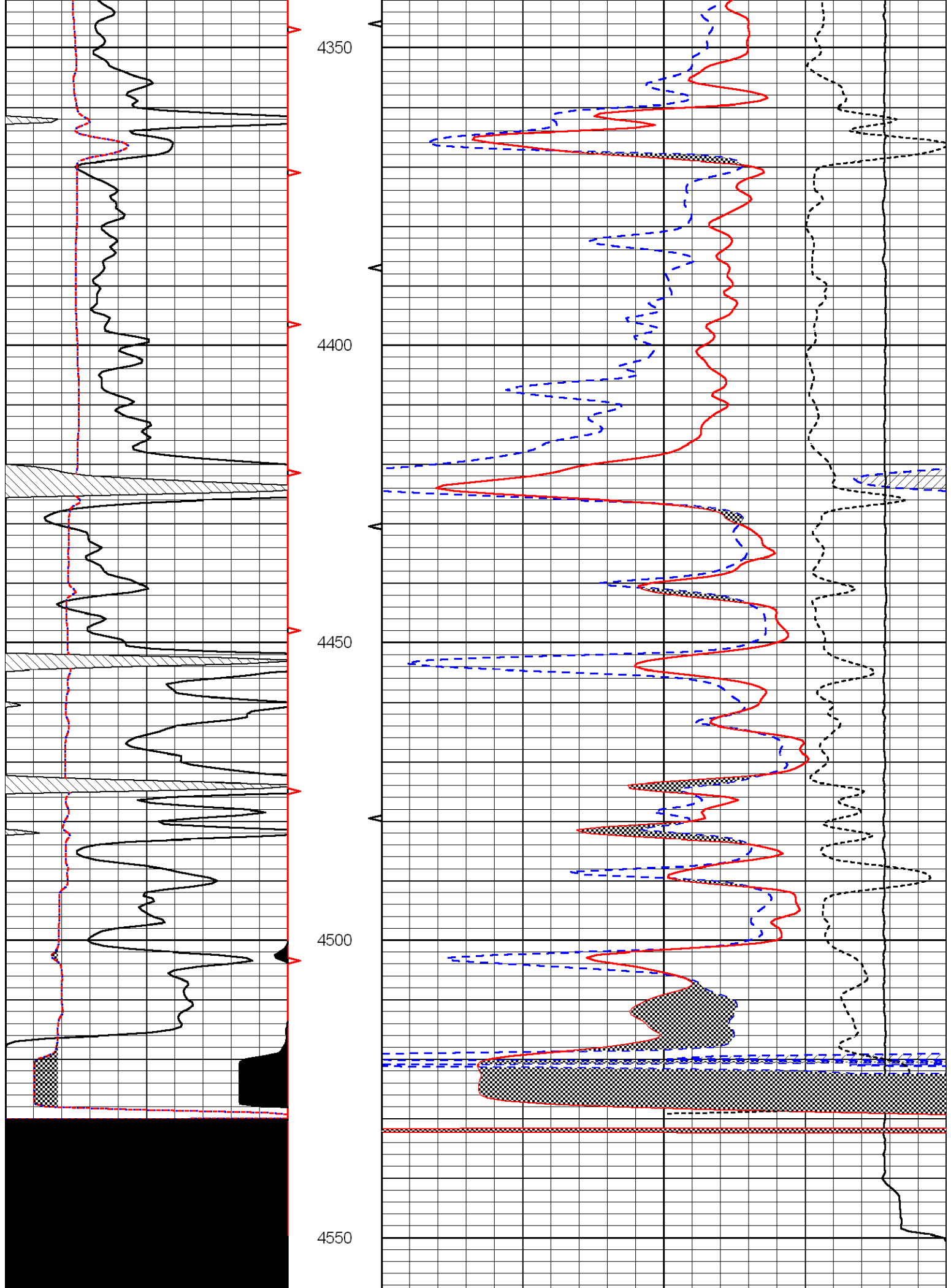
Correction

0.25









0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)	-10
30	Compensated Density (2.71 ma)	-10
15000	Line Tension	0
	-0.25 Correction	0.25