



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,277-00-00

Company Larson Engineering, Inc.

Well Ehmke No. 1-19

Field
County Lane State Kansas

Location 1,520' FNL & 1,036' FWL

Sec: 19 Twp: 17 S Rge: 29 W

Permanent Datum Ground Level Elevation 2830
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
DIL/MEL
Elevation
K.B. 2840
D.F. 2830
G.L. 2830

Date 2/4/2011

Run Number One

Type Log CNL / CDL

Depth Driller 4630

Depth Logger 4629

Bottom Logged Interval 4608

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 1000

Density 9.4

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By J Schuler

Witnessed By Bill Lewellyn

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

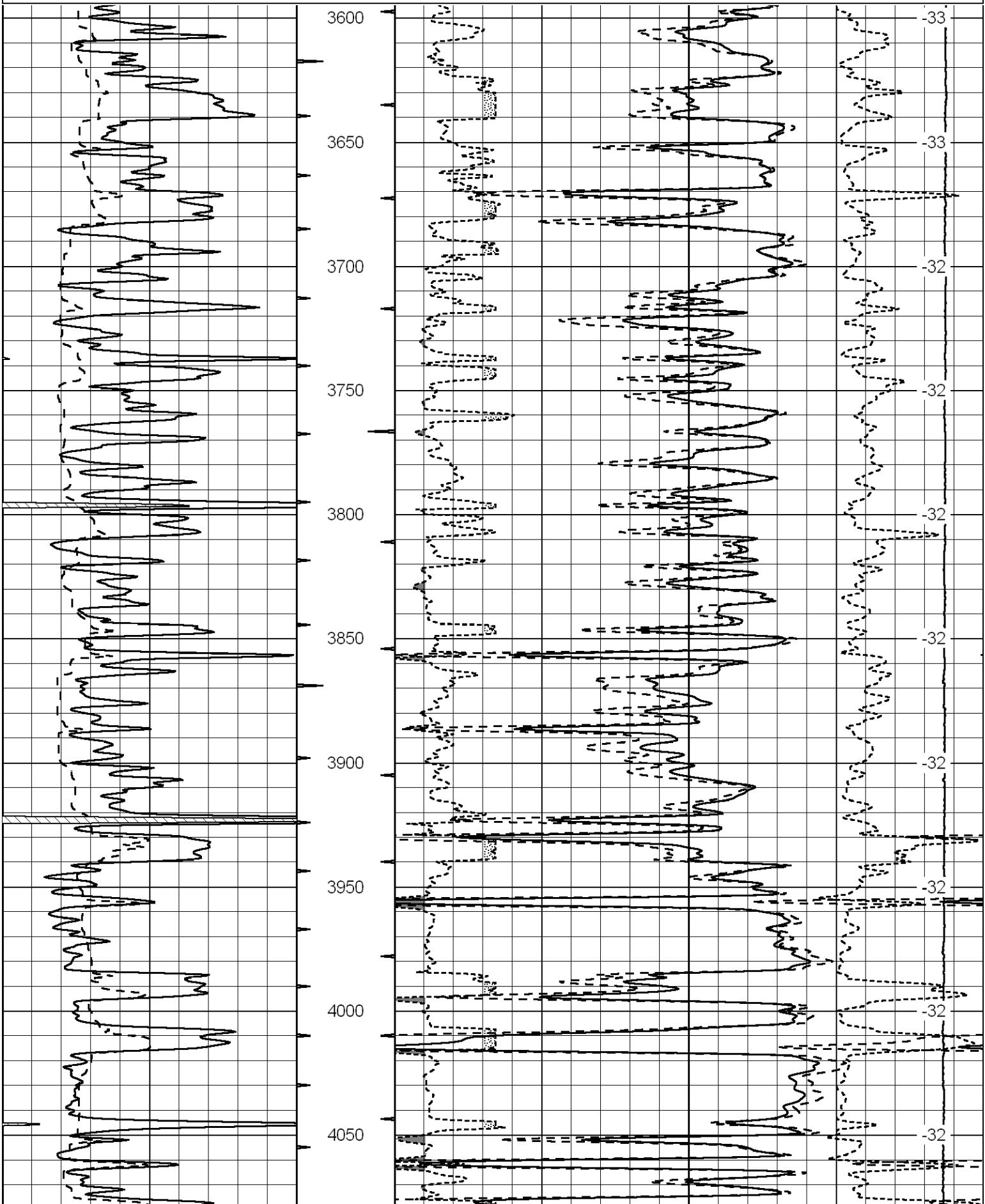
Thank you for using Log-Tech, Inc.
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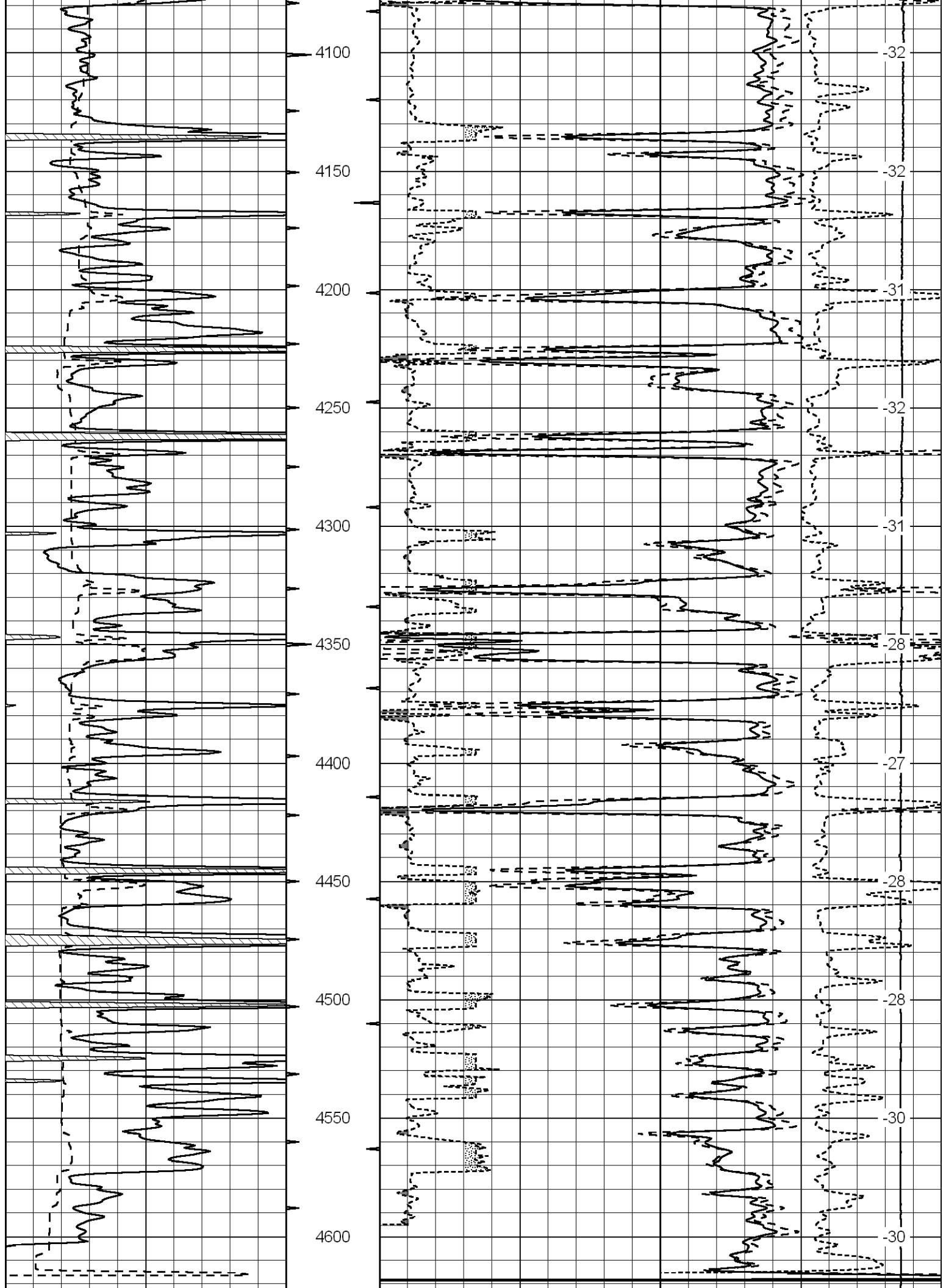
Dighton, Kansas, 5 North to 200 Road
West 6 to Frontier Road, North 3/4 East Into

Database File: laron_ehmke_1_19hd.db
Dataset Pathname: dil/larstk
Presentation Format: cdl
Dataset Creation: Fri Feb 04 13:47:19 2011
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

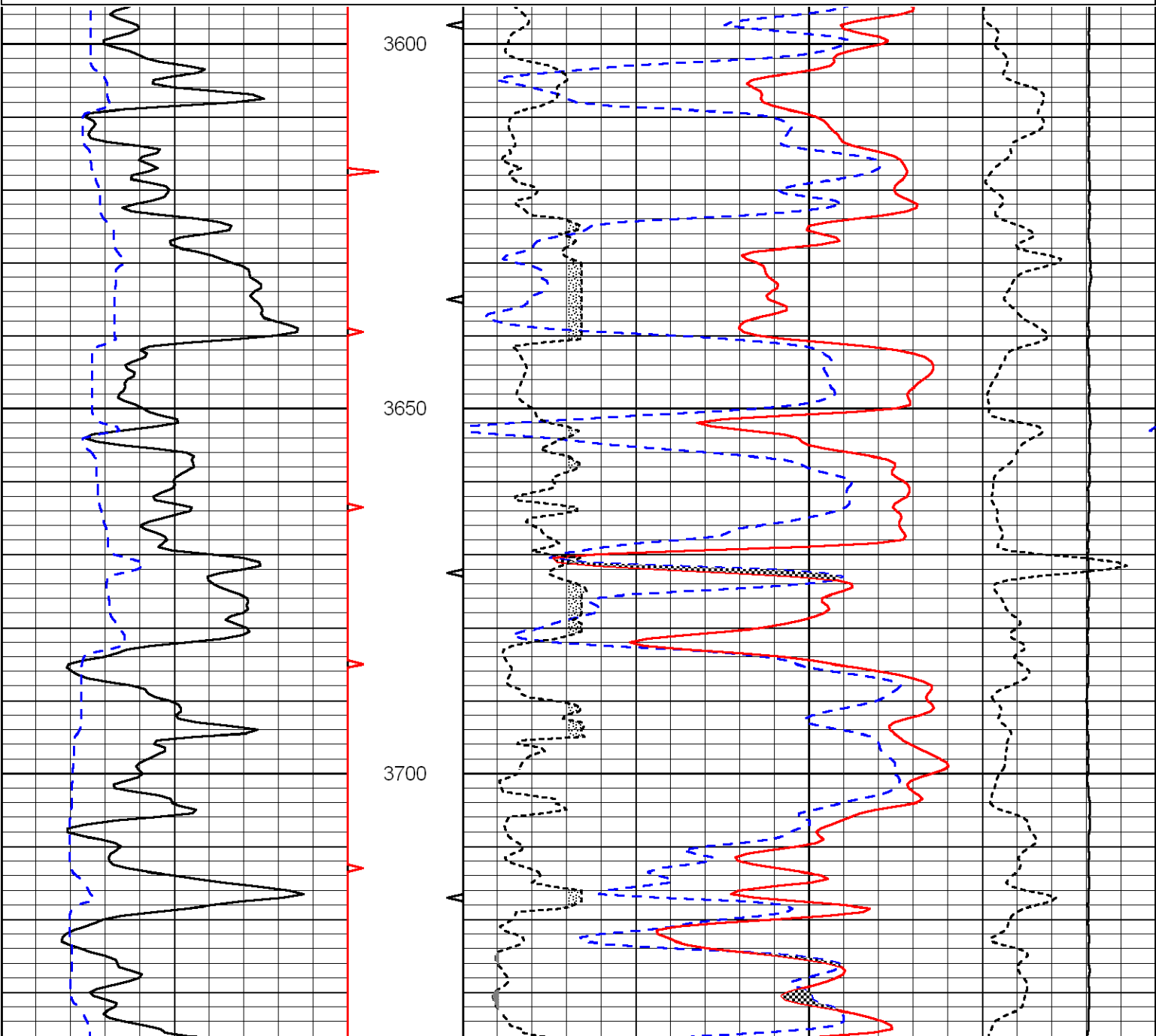


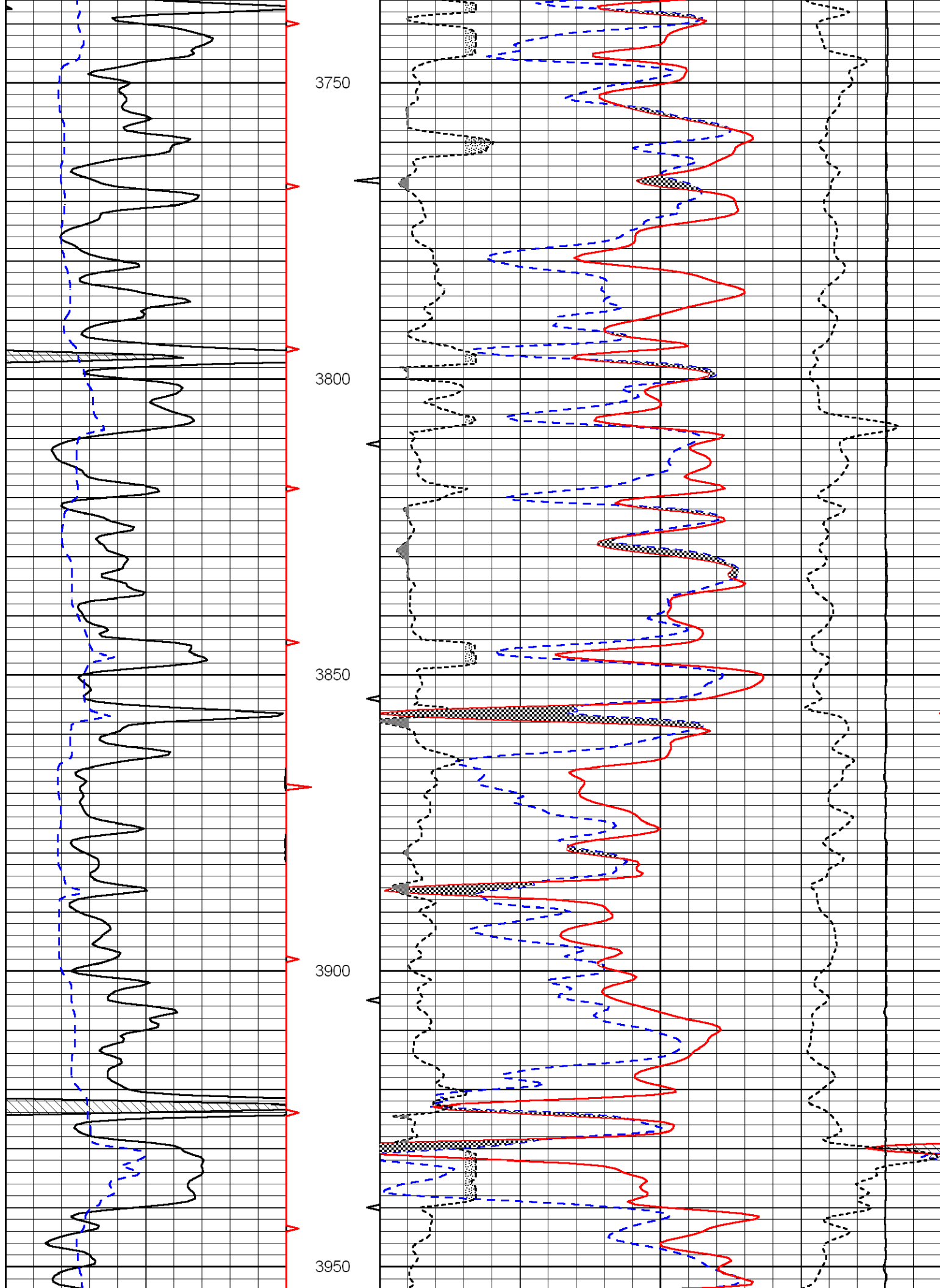


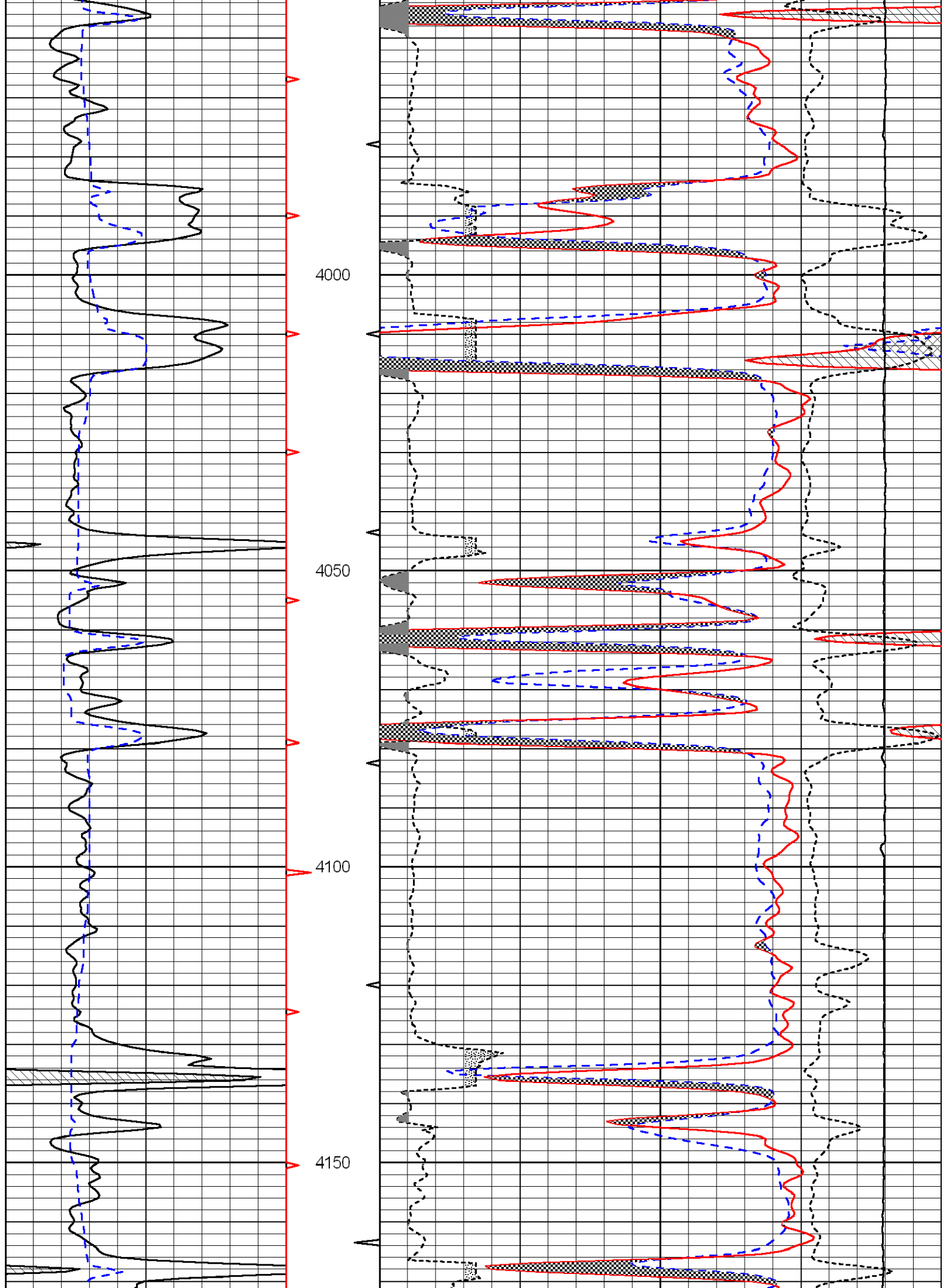
0	Gamma Ray	150	30	Compensated Density	-10
6	Caliper (GAPI)	16	2	Bulk Density	3
			15000	Line Tension	0
			2.625	DGA	3.425
				-0.25	Correction
					0.25
					LSPD

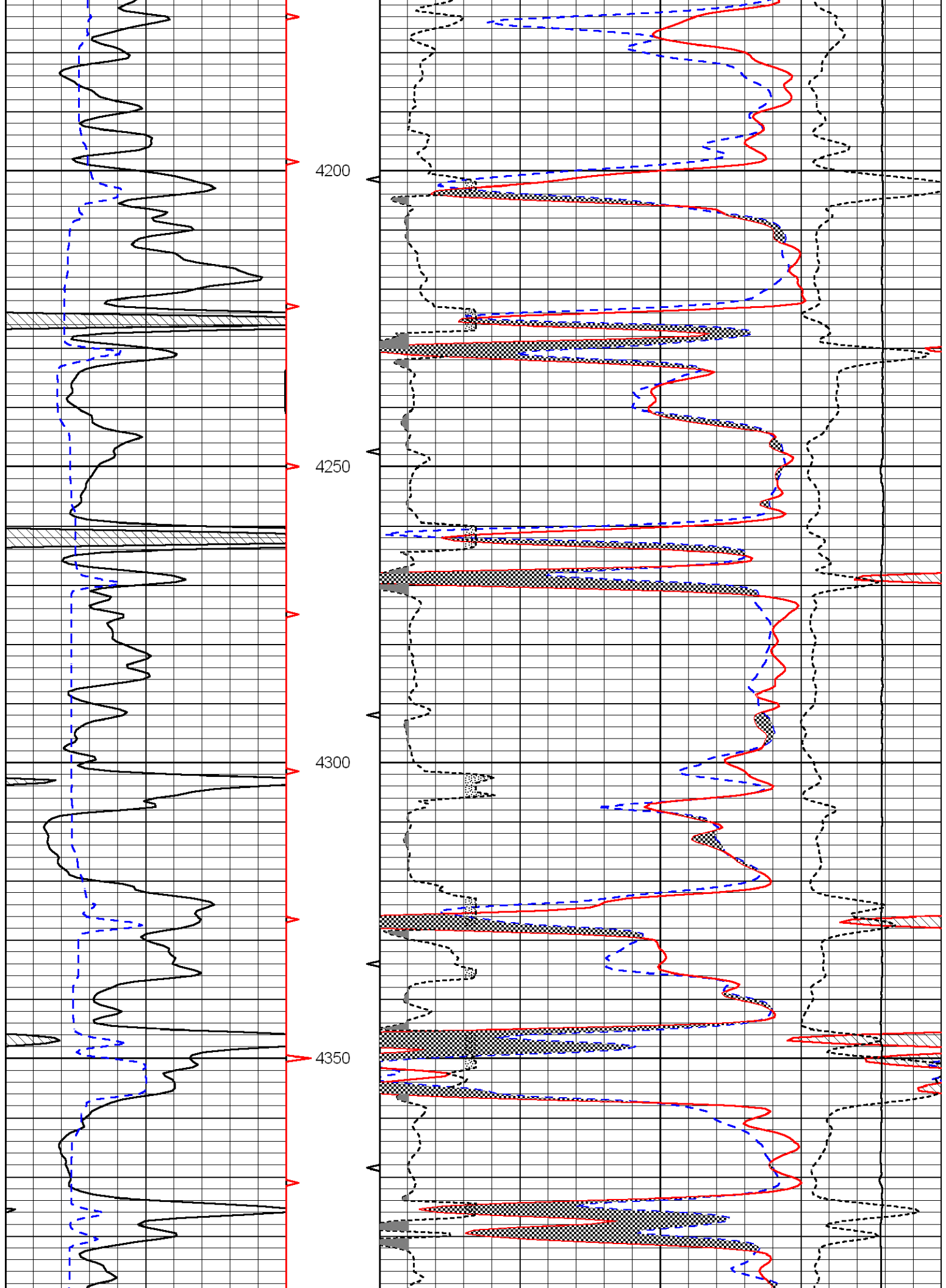
Database File:	larson_ehmke_1_19hd.db
Dataset Pathname:	dil/larstk
Presentation Format:	cnlspec
Dataset Creation:	Fri Feb 04 13:47:19 2011
Charted by:	Depth in Feet scaled 1:240

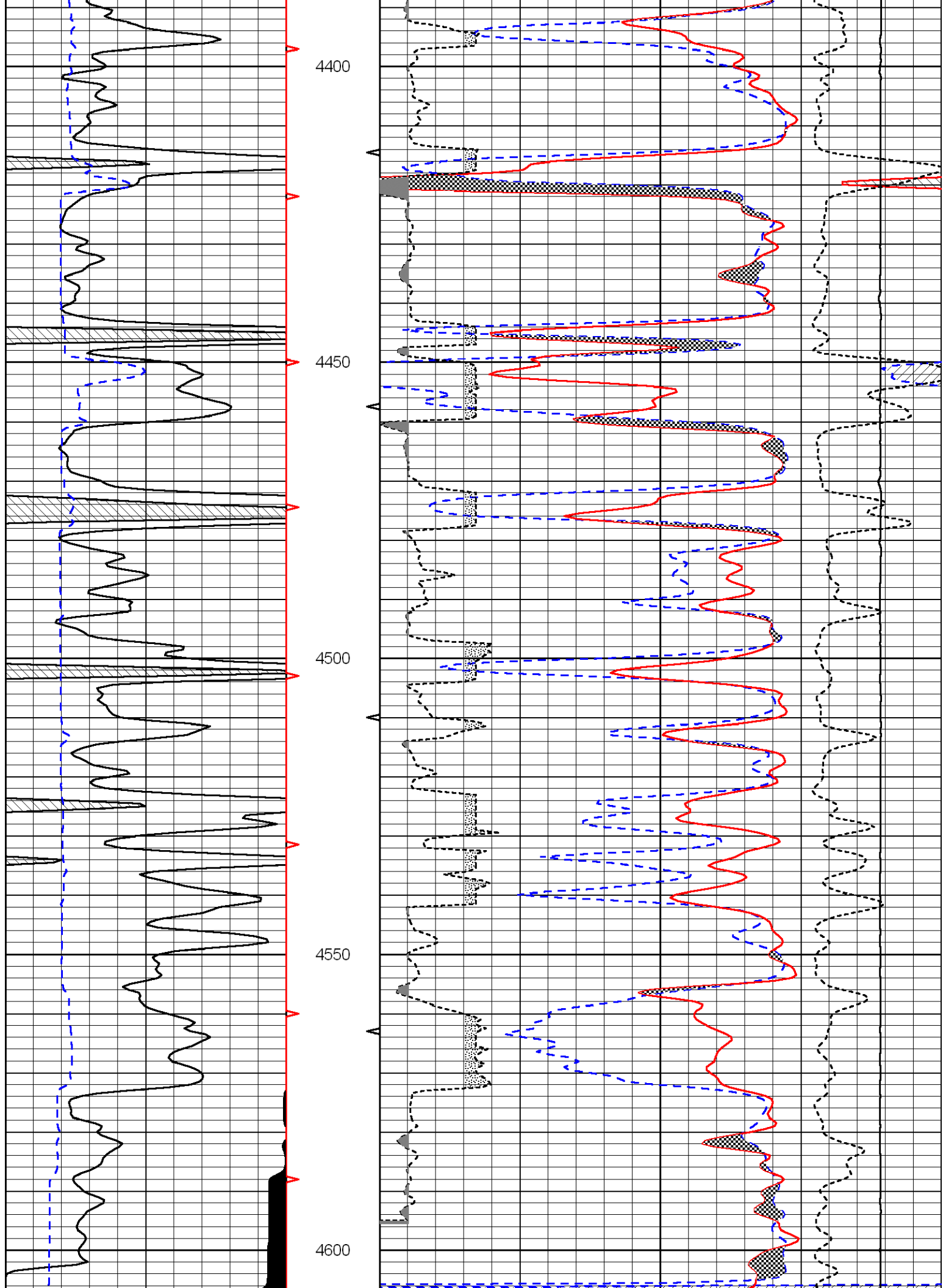
0	Gamma Ray	150	30	CNLS	-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)	-10
			2.625	DGA	3.425
				-0.25	Correction
					0.25
			10000	Line Tension	0

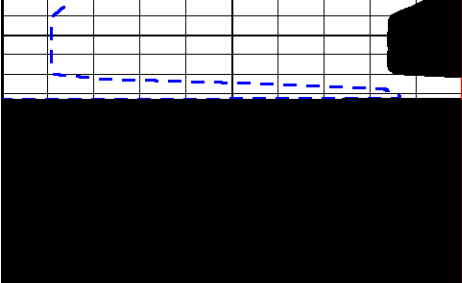




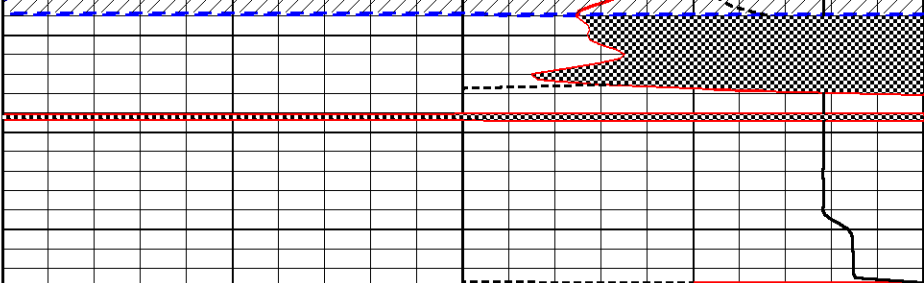








0	Gamma Ray	150
6	Caliper (GAPI)	16



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