



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-135-25252-00-00

Company Ares Energy, LTD

Well Wells #13-13

Field Elmore Southwest

County Ness State Kansas

Location NW SW SE SW
405' FSL / 1393' FWL

Sec: 13 Twp: 18S Rge: 21W

Other Services
DIL
MEL / BHCS

Permanent Datum Ground Level Elevation 2107

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2120
D.F. 2107
G.L. 2107

Date 6/11/2011

Run Number One

Type Log CNL / CDL

Depth Driller 4380

Depth Logger 4378

Bottom Logged Interval 4357

Top Logged Interval 3300

Type Fluid In Hole Chemical

Salinity, PPM CL 5500

Density 9.1

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 5 Hours

Equipment -- Location 17 Hays

Recorded By R. Barnhart

Witnessed By Justin Carter

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 00 1330 8.625 23# 00 1330

Two 7.875 1330 TD 1330

<<< Fold Here >>>

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.

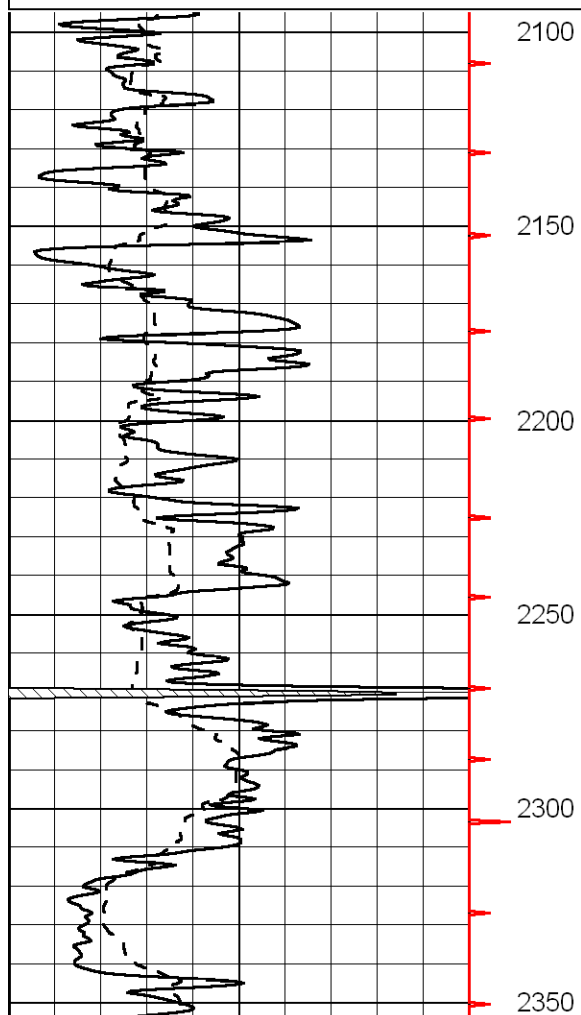
Comments

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

Alexander, KS:
McCraken Rd., 1N, 2W, N into

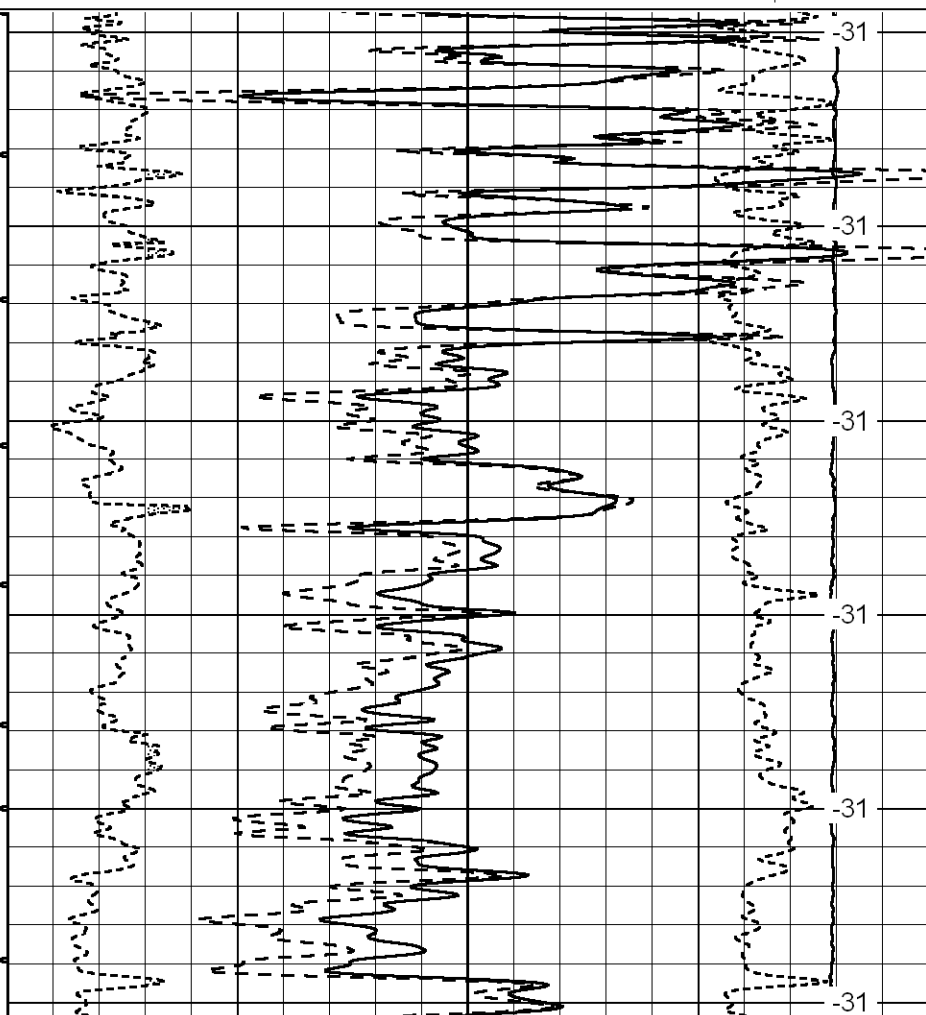
Database File: areshd.db
Dataset Pathname: dil/aremain
Presentation Format: cdl
Dataset Creation: Sat Jun 11 04:58:41 2011
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16



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



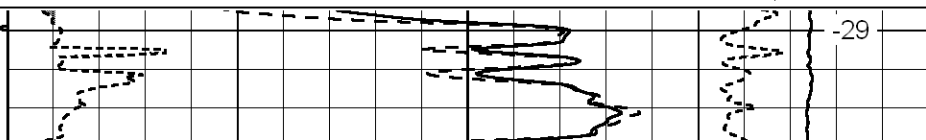
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

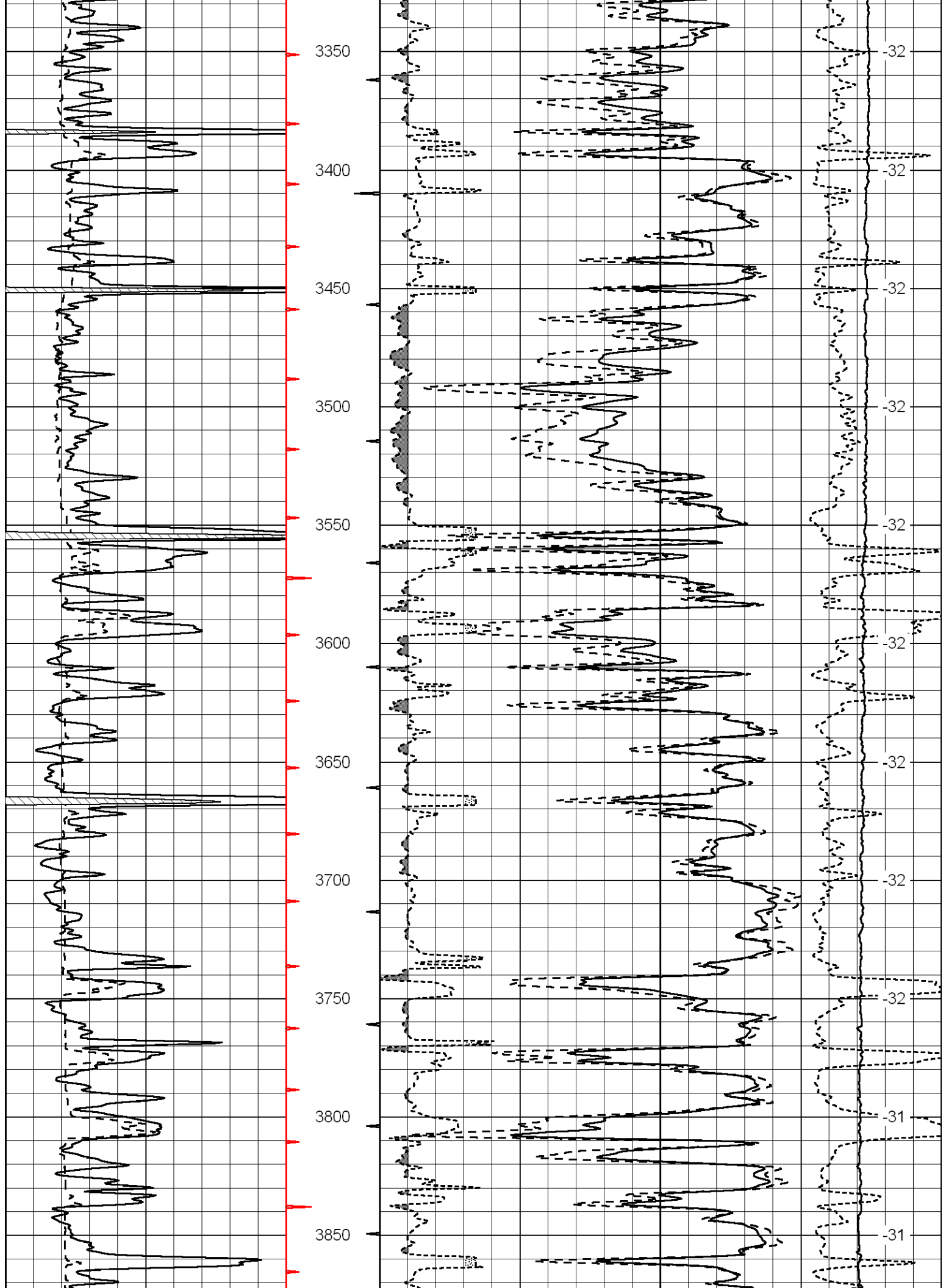
Database File: areshd.db
 Dataset Pathname: dil/aremain
 Presentation Format: cdl
 Dataset Creation: Sat Jun 11 04:58:41 2011
 Charted by: Depth in Feet scaled 1:600

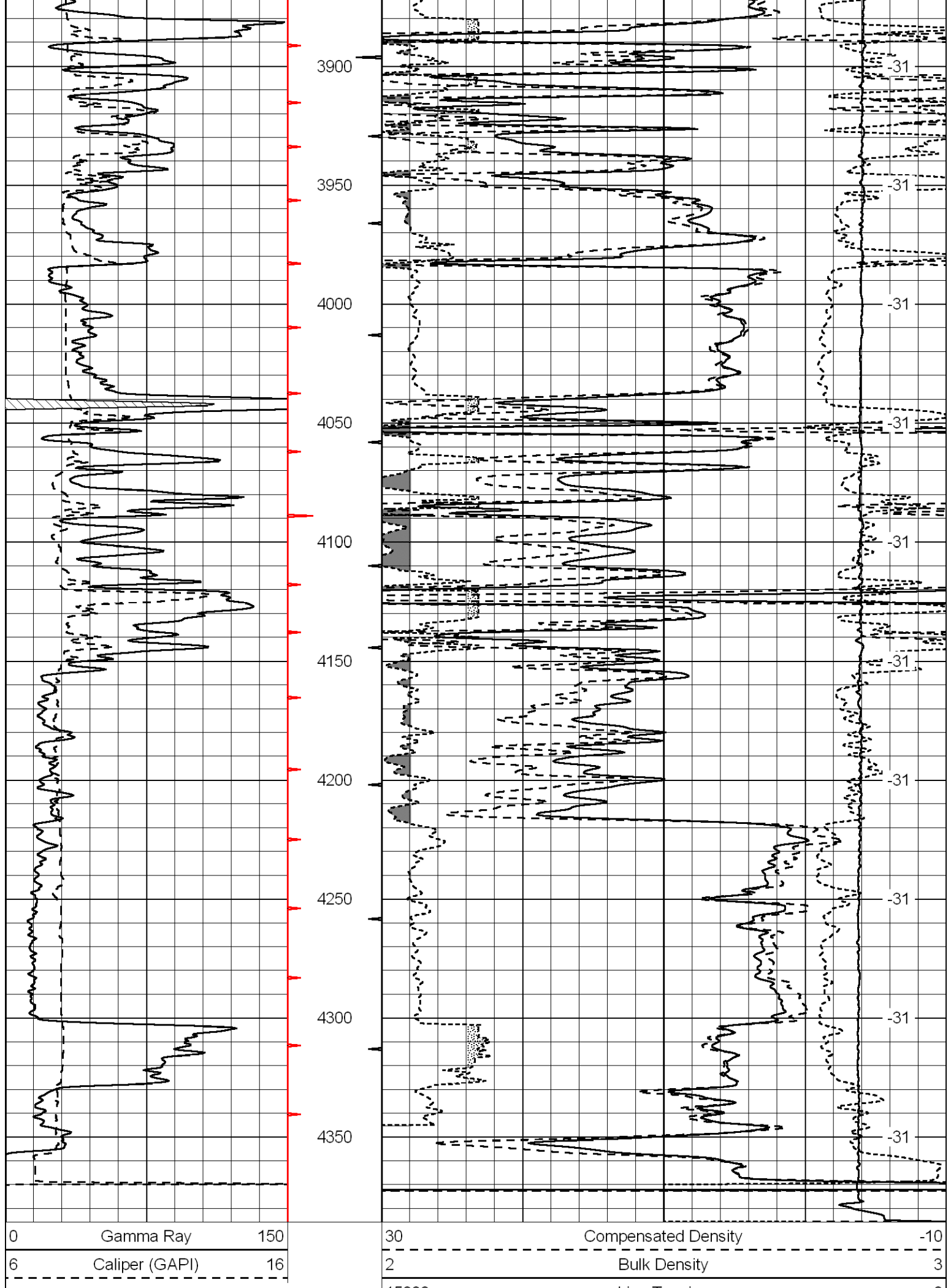
0	Gamma Ray	150
6	Caliper (GAPI)	16



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







10000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

Database File:

Dataset Pathname:

Presentation Format:

Dataset Creation:

Charted by:

areshd.db

dil/aremain

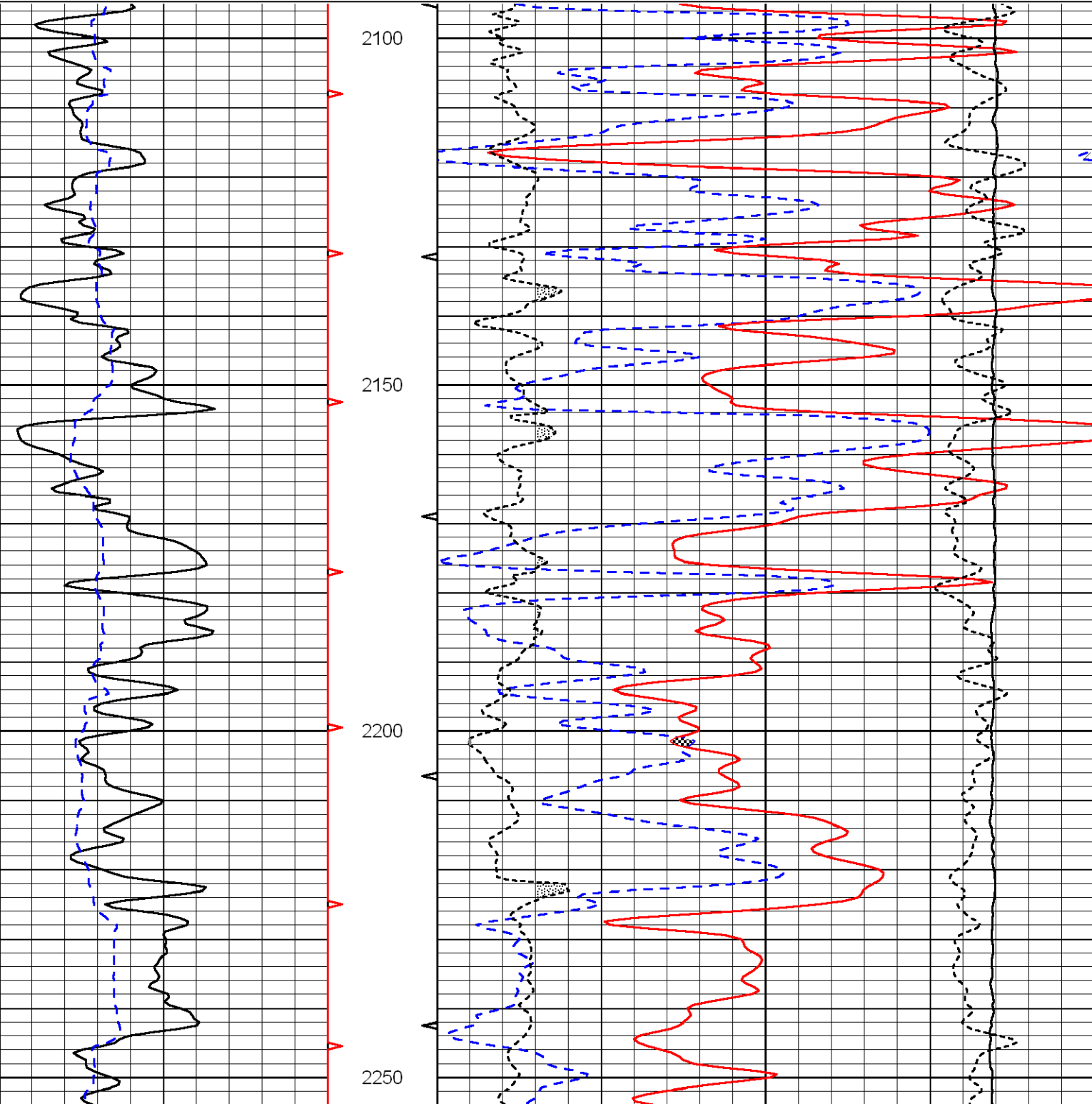
cnslspec

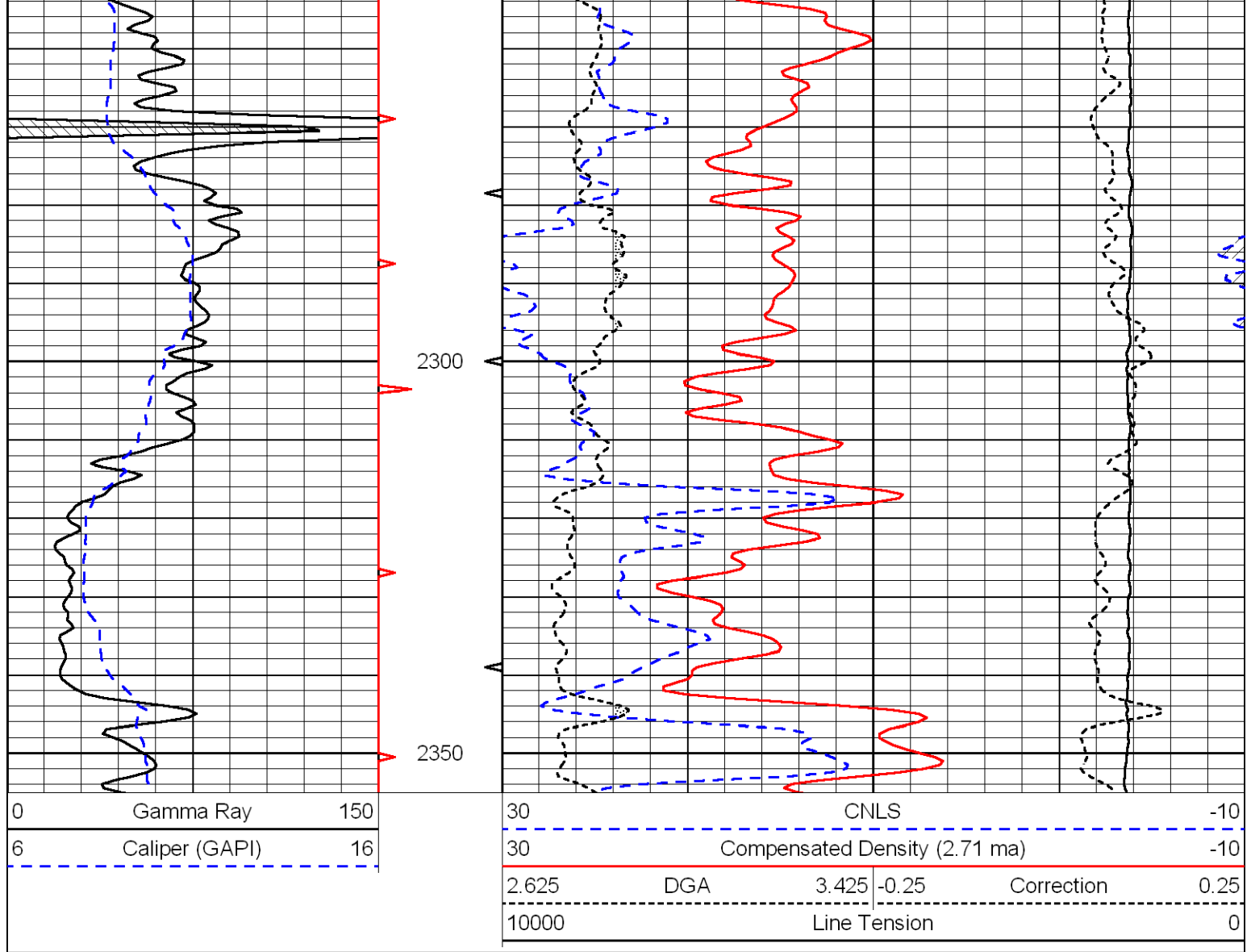
Sat Jun 11 04:58:41 2011

Depth in Feet scaled 1:240

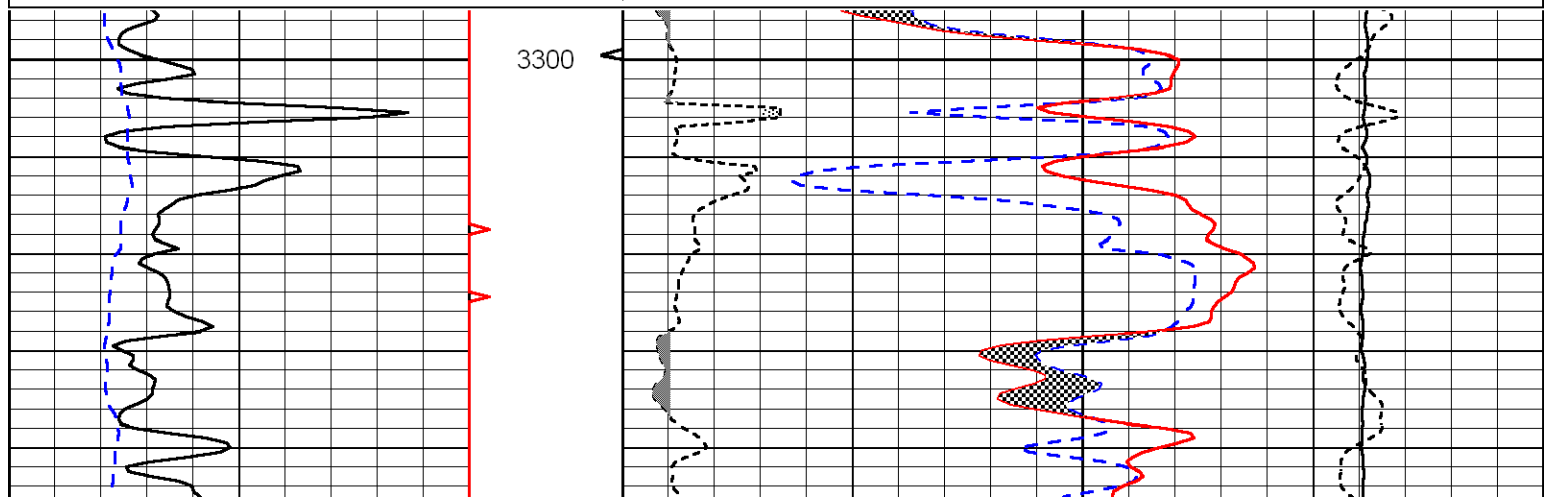
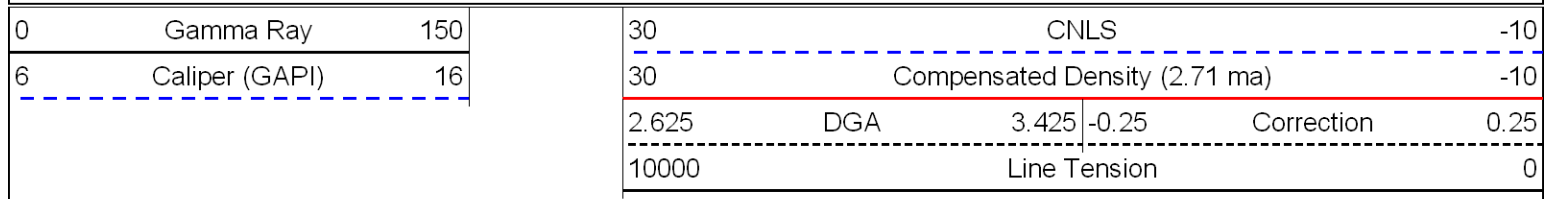
0	Gamma Ray	150
6	Caliper (GAPI)	16

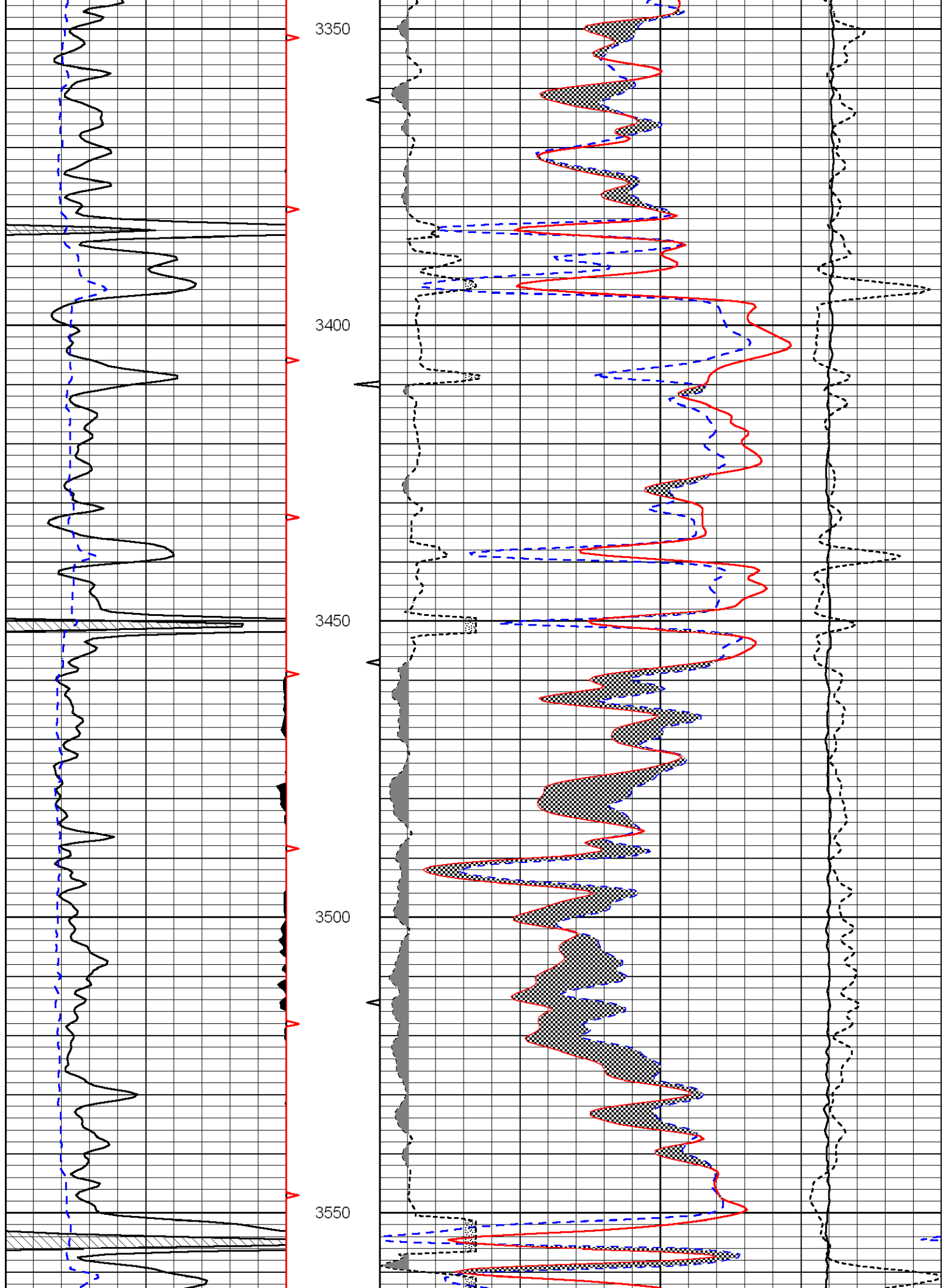
30	CNLS		-10
30	Compensated Density (2.71 ma)		-10
2.625	DGA	3.425	-0.25
Correction			0.25
10000	Line Tension		0

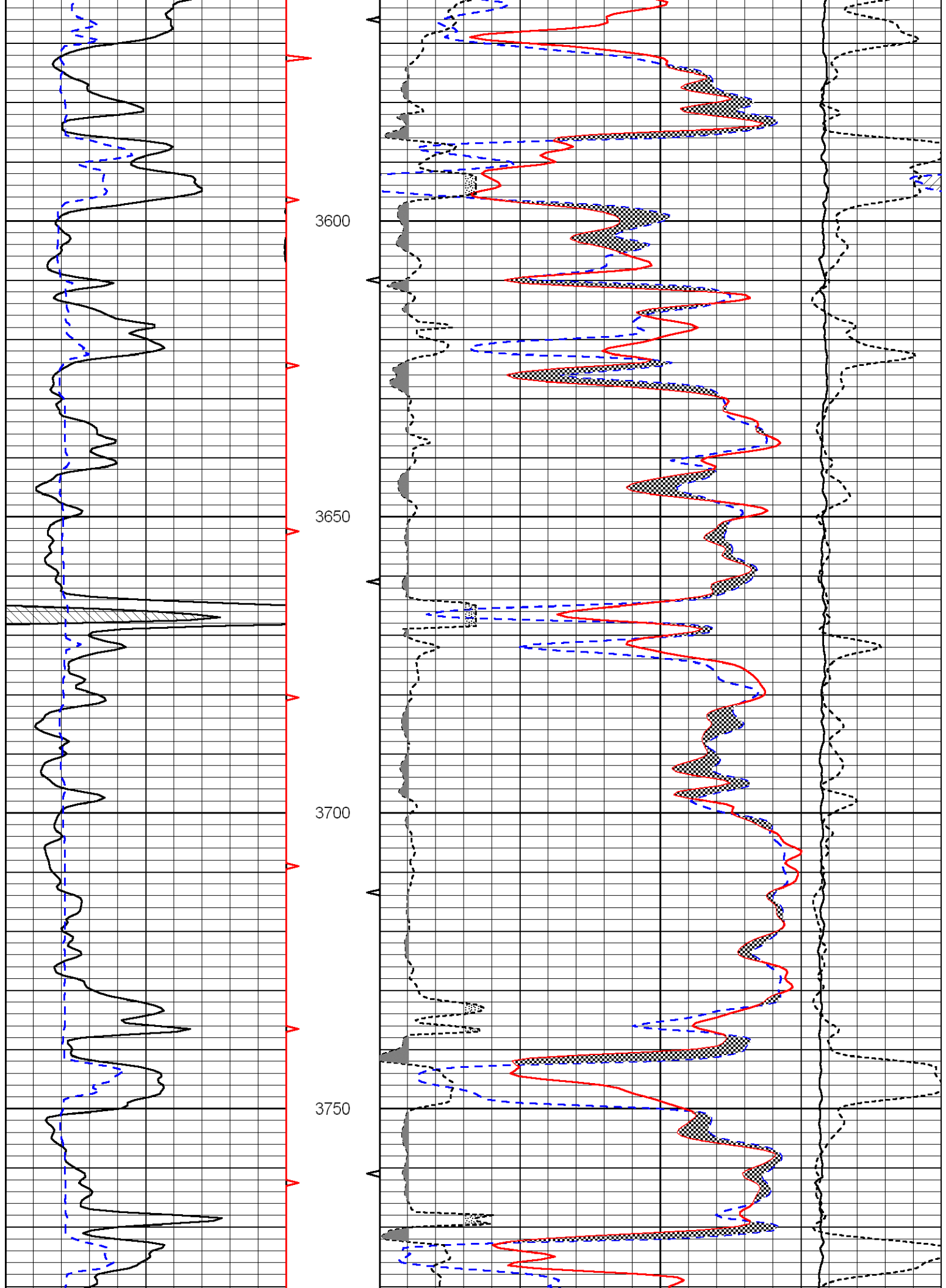


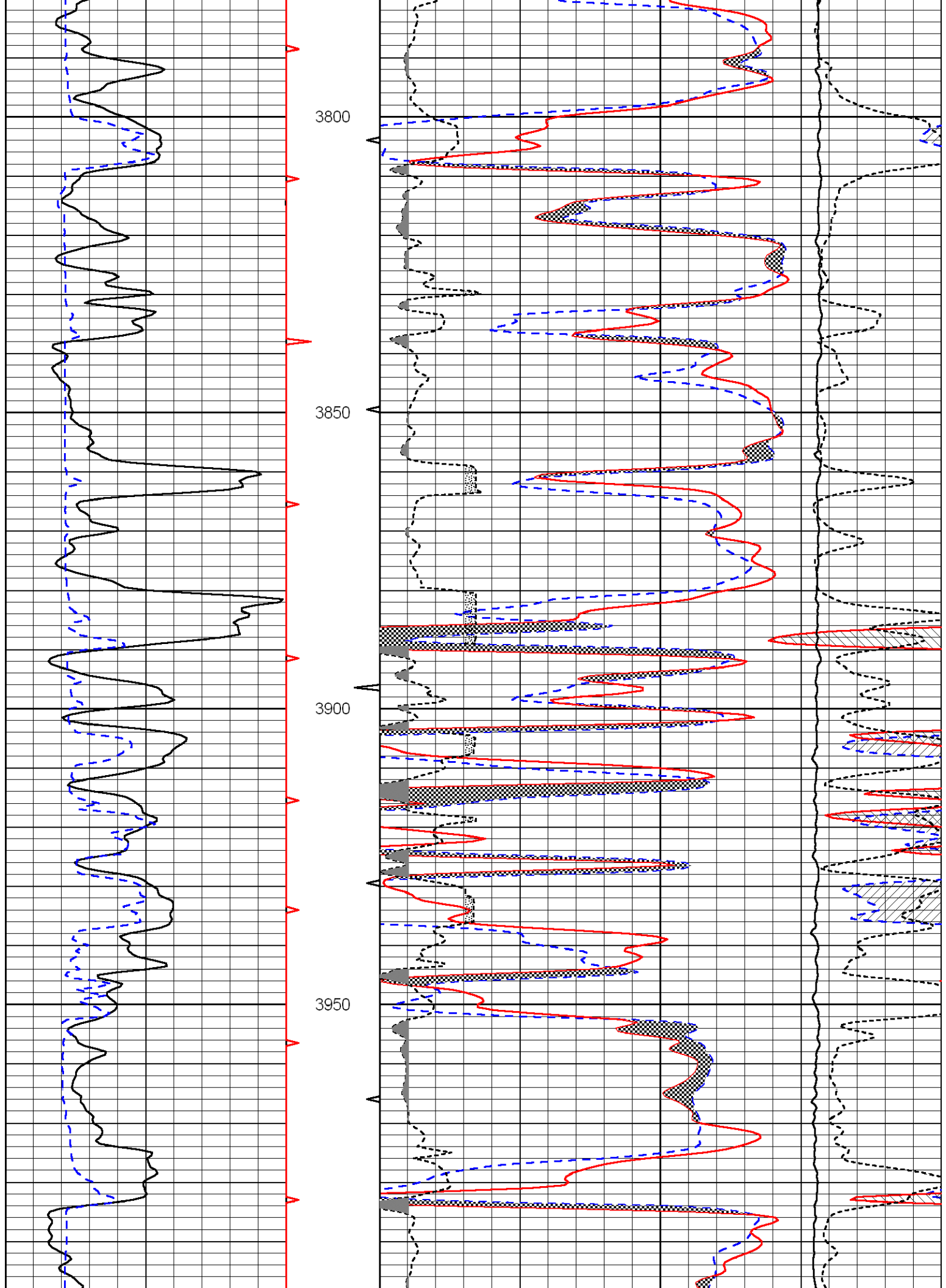


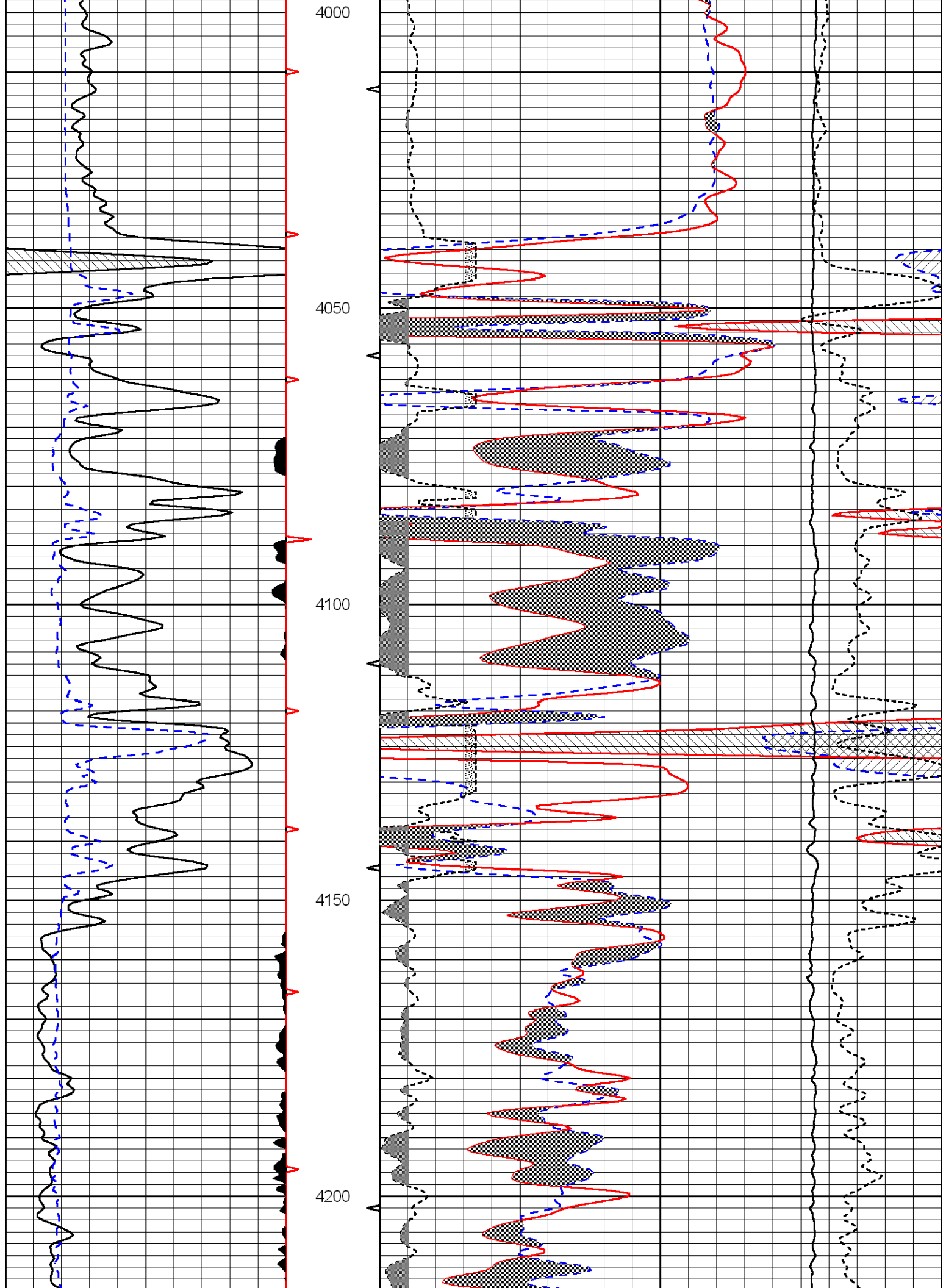
Database File: areshd.db
 Dataset Pathname: dil/aremain
 Presentation Format: cndlspec
 Dataset Creation: Sat Jun 11 04:58:41 2011
 Charted by: Depth in Feet scaled 1:240

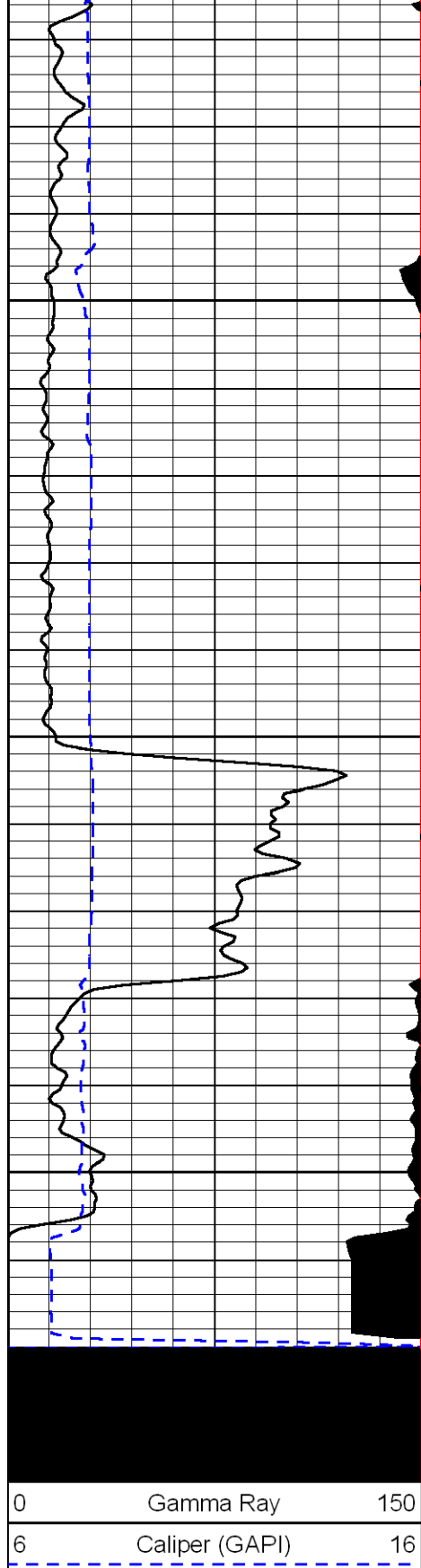












4250

4300

4350

