LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-009-25561-00-00

Company LD Drilling, Inc.
Well Cobb #2
Field Otis-Albert
County Barton State Kansas

Location
SW SW NE
2310' FNL / 2310' FEL
Sec: 2 Twp: 19S Rge: 15W

Other Services
DIL

Elevation
K.B. 1991
D.F.
G.L. 1986

Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Date	5/28/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	3700
Depth Logger	3700
Bottom Logged Interval	3679
Top Logged Interval	2900
Type Fluid In Hole	Chemical
Salinity, PPM CL	8000
Density	9.5
Level	Full
Max. Rec. Temp. F	115
Operating Rig Time	2 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	R. Barnhart
Witnessed By	Josh Austin

Borehole Record

Run No	Bit	From	To
One	12.25	00	945
Two	7.875	945	TD

Casing Record

Size	Wgt.	From	To
8.625	23#	00	945

<<< 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

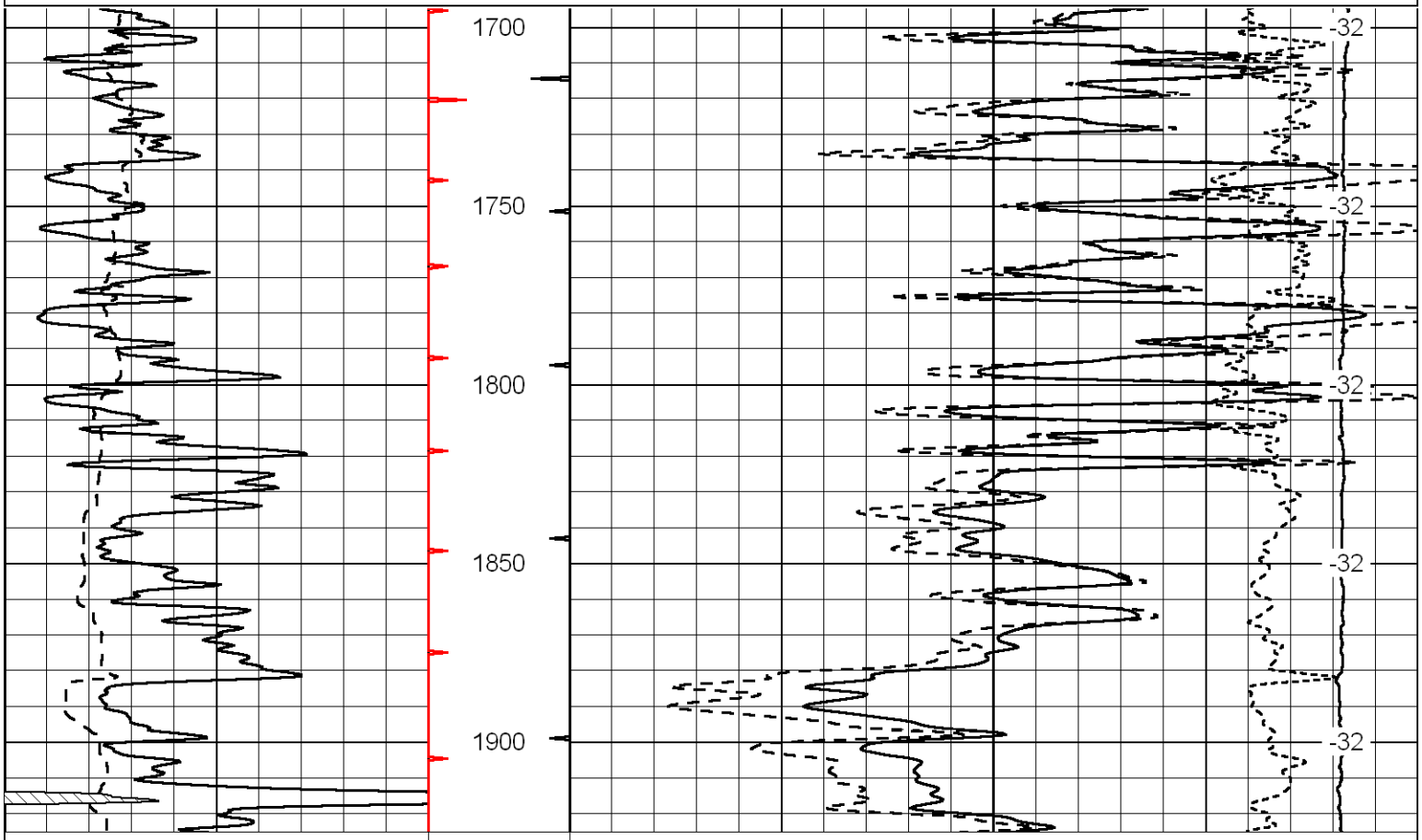
Thank you for using Log-Tech, Inc.
(785) 625-3858

Albert, KS:
4E, 1S, W into

Database File:	ldhd.db
Dataset Pathname:	dil/ldmain
Presentation Format:	cdl
Dataset Creation:	Sat May 28 20:21:50 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
-0.25	Correction	0.25
	LSPD	



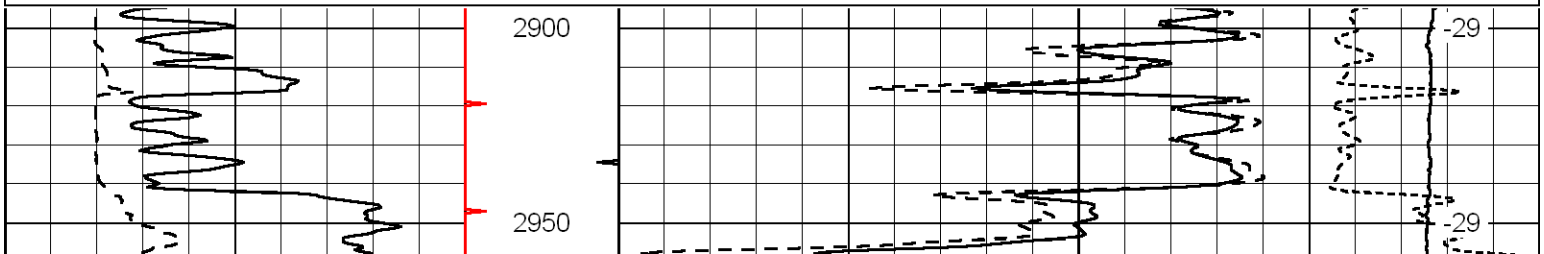
0	Gamma Ray	150
6	Caliper (GAPI)	16

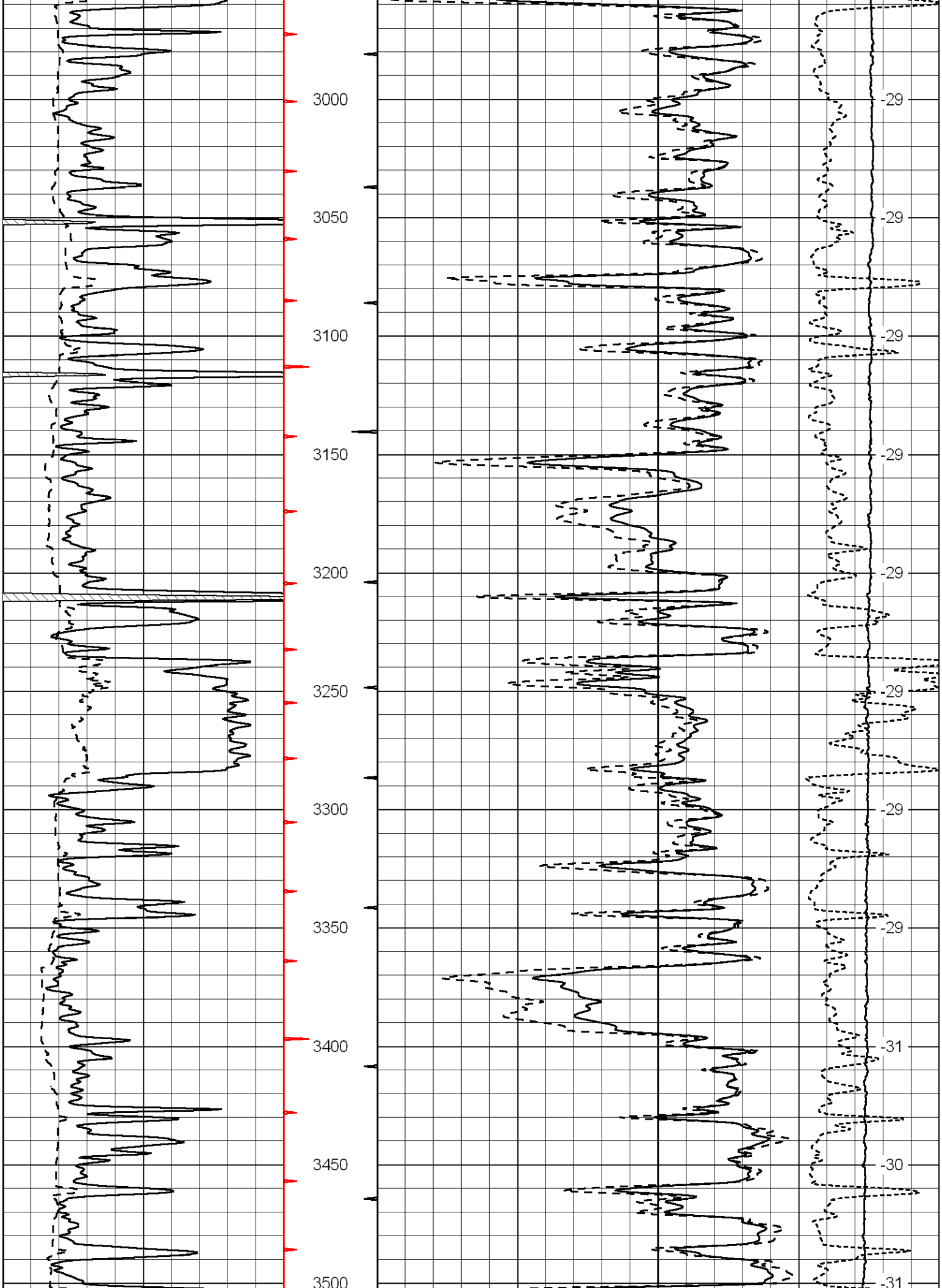
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	

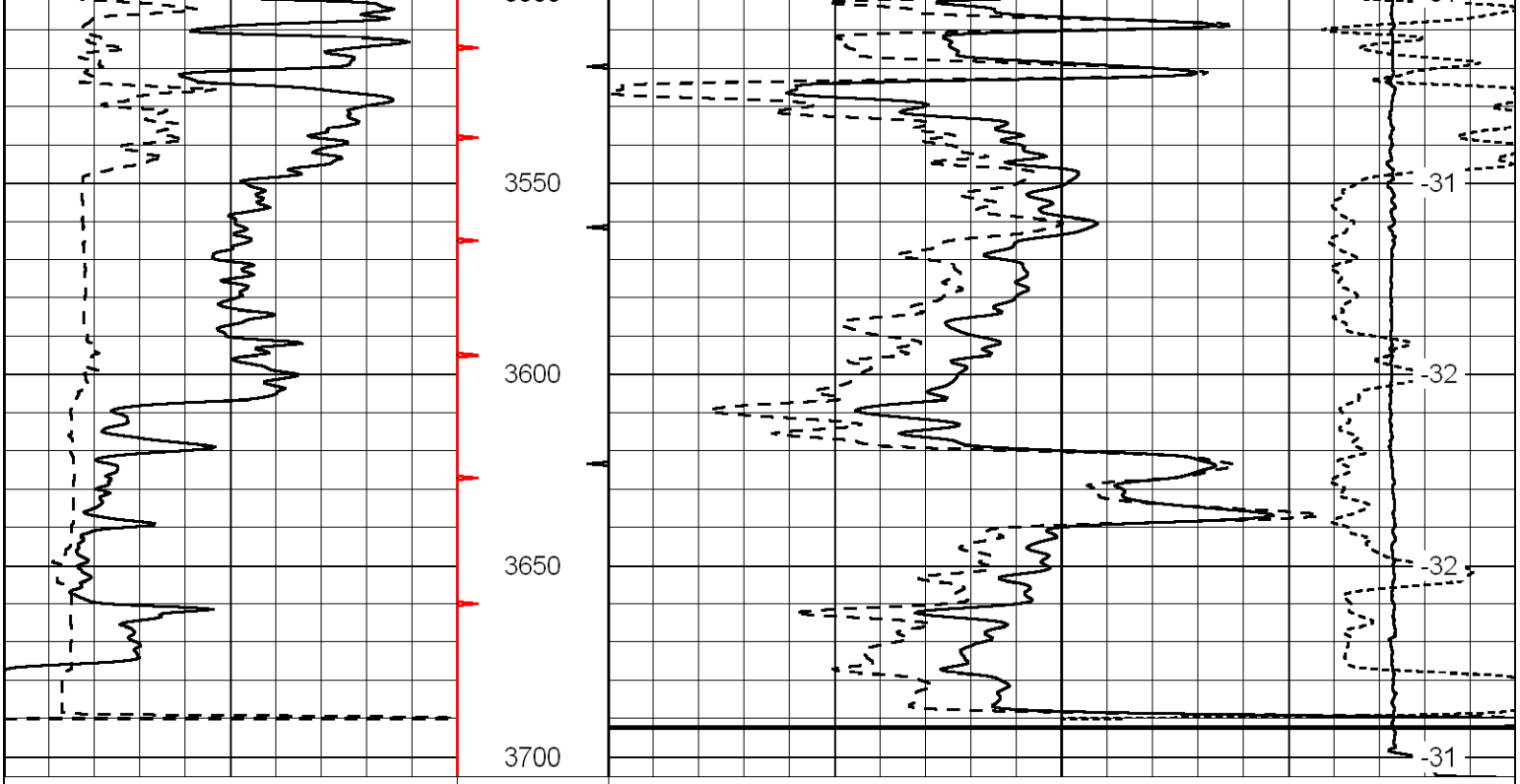
Database File:	ldhd.db
Dataset Pathname:	dil/ldmain
Presentation Format:	cdl
Dataset Creation:	Sat May 28 20:21:50 2011
Charted by:	Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

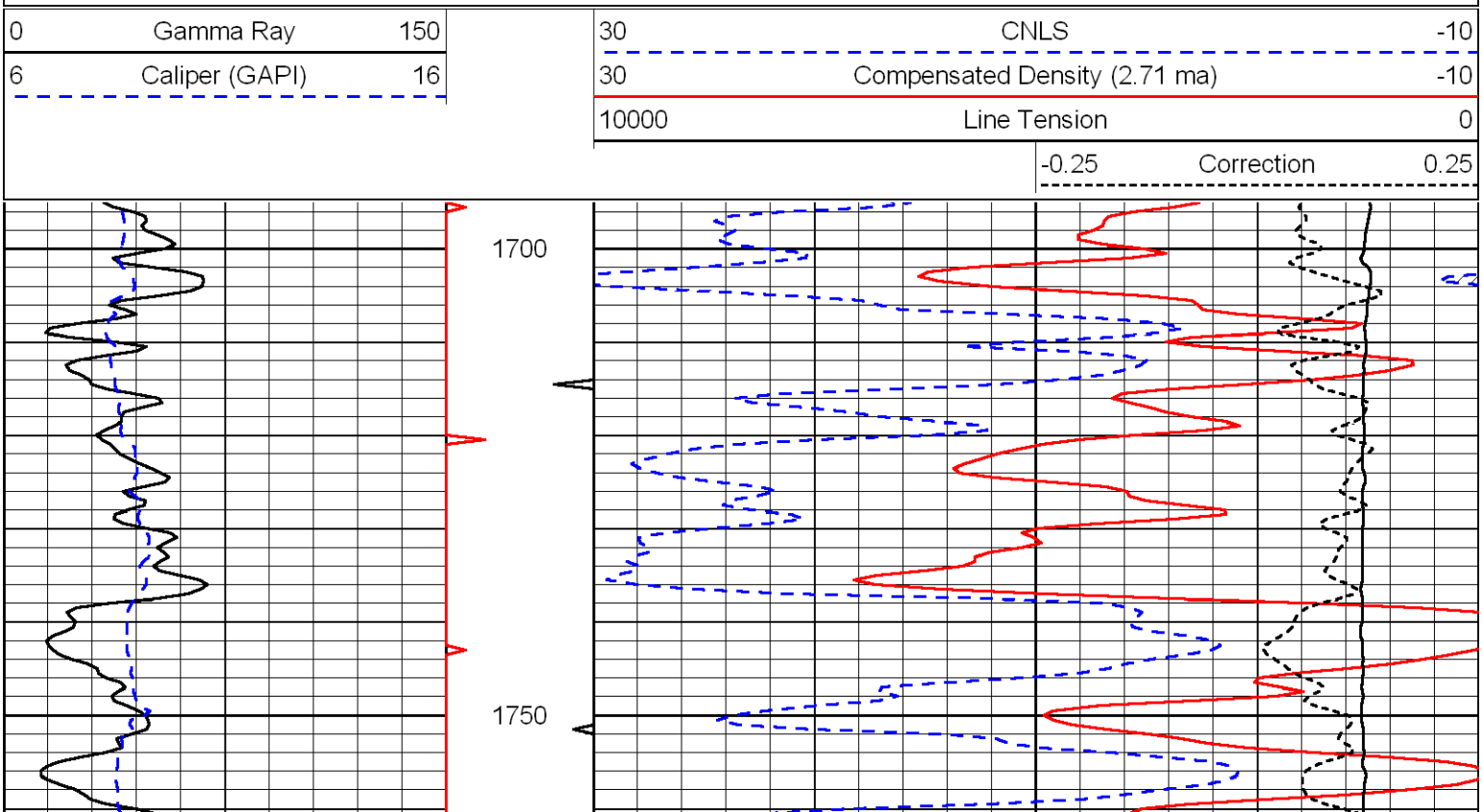
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	

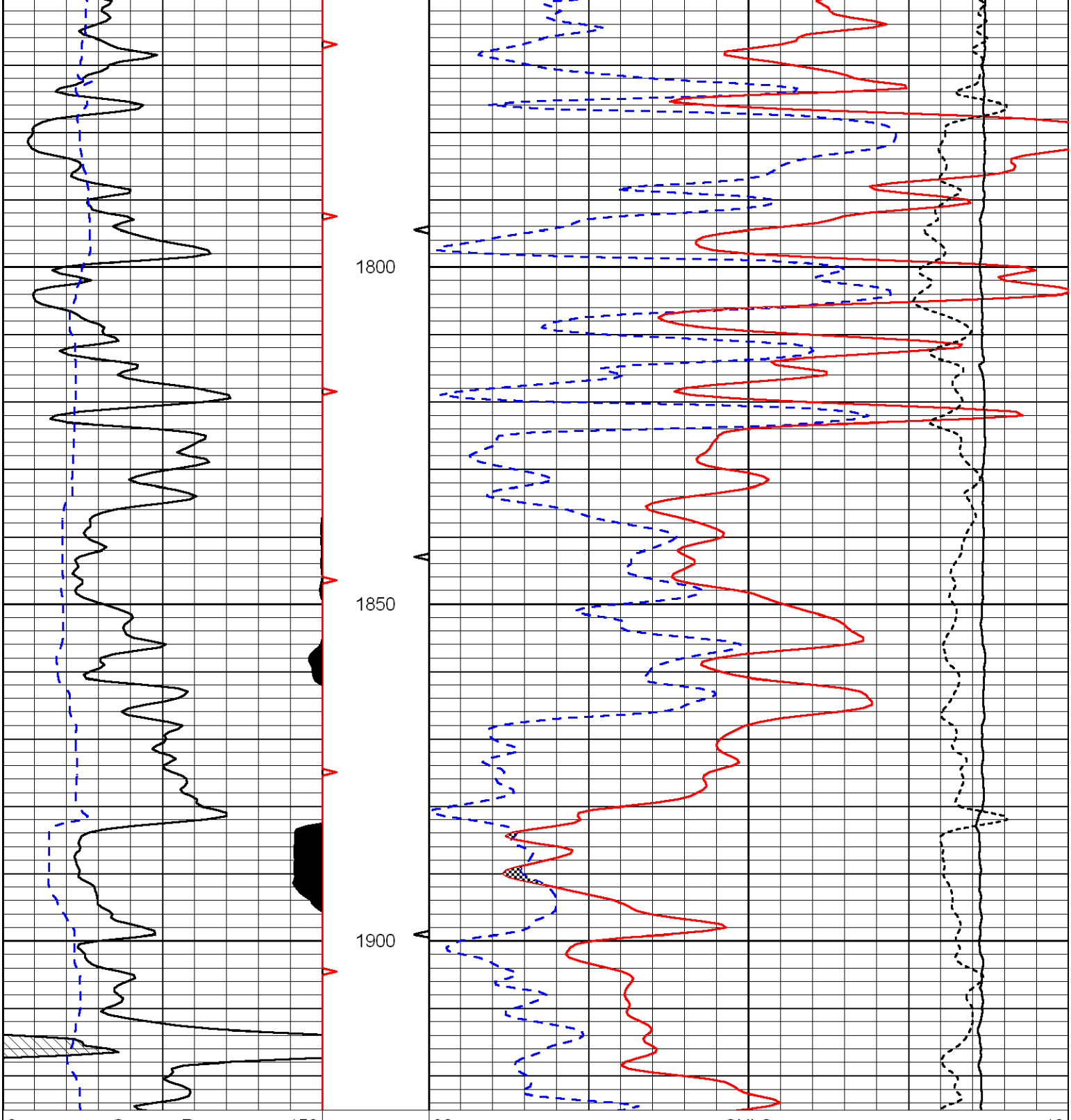



3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
-29
-29
-29
-29
-29
-29
-29
-31
-30
-31



Database File: ldhd.db
Dataset Pathname: dil/ldmain
Presentation Format: cndlspec
Dataset Creation: Sat May 28 20:21:50 2011
Charted by: Depth in Feet scaled 1:240

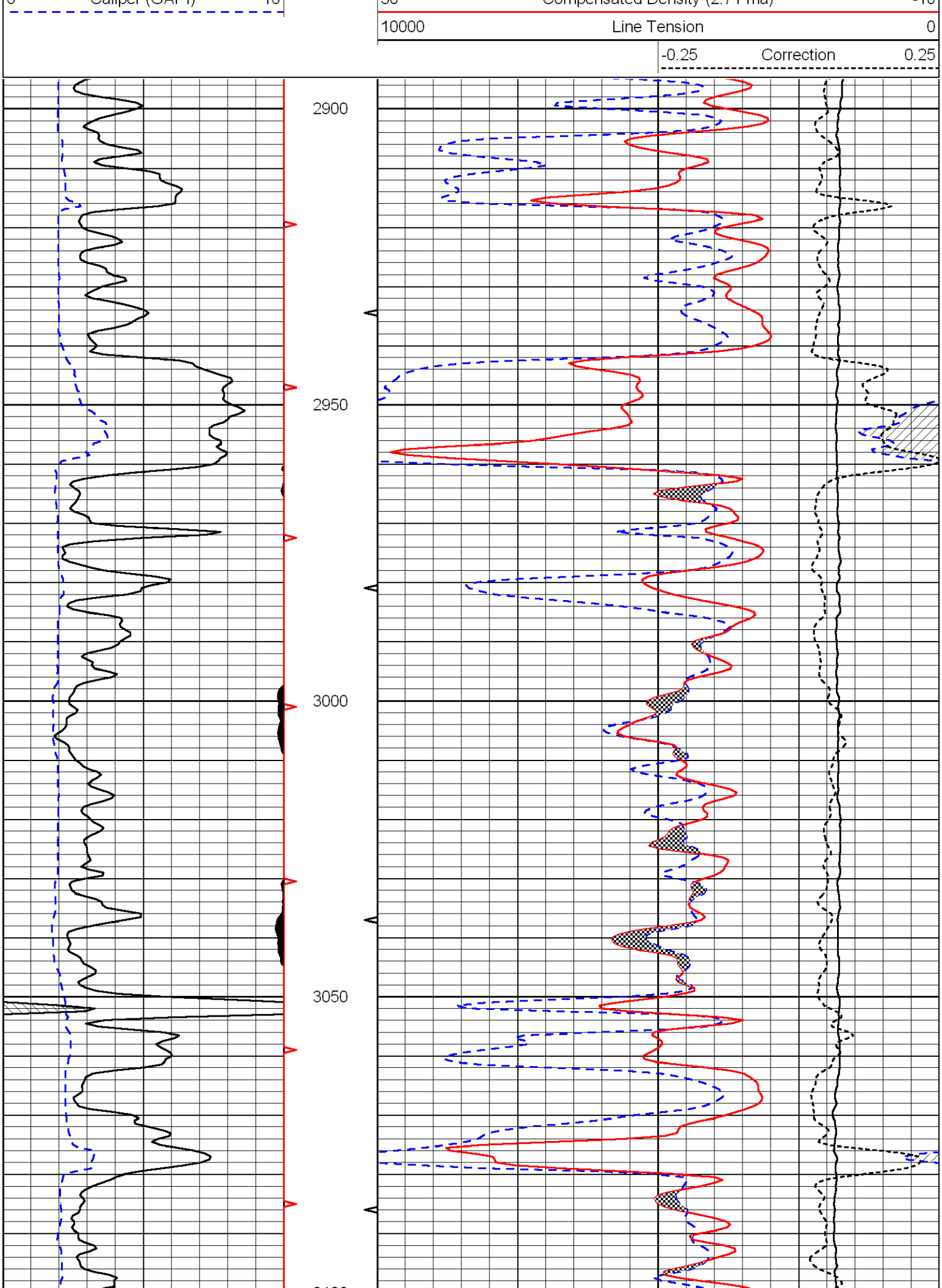


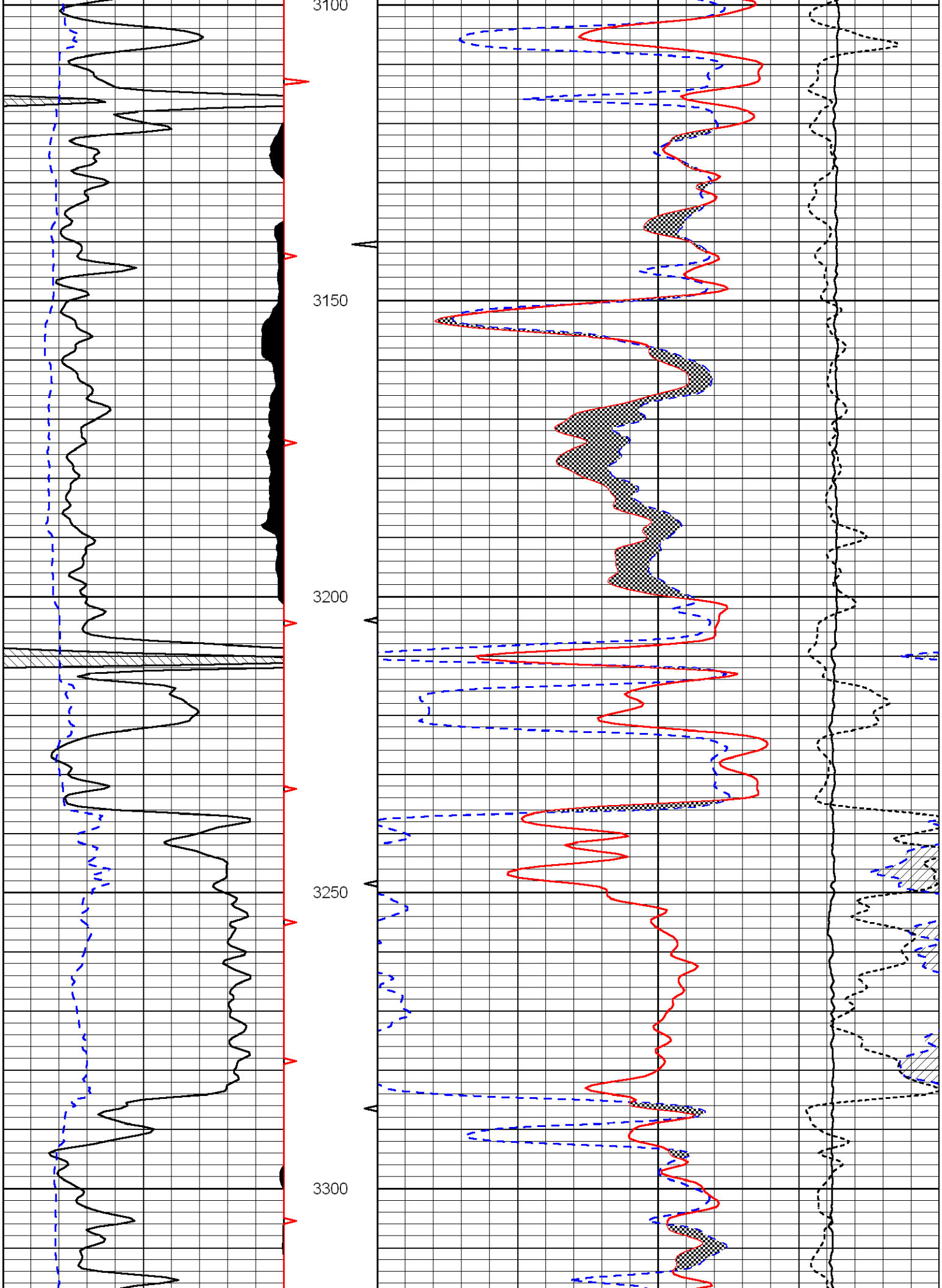


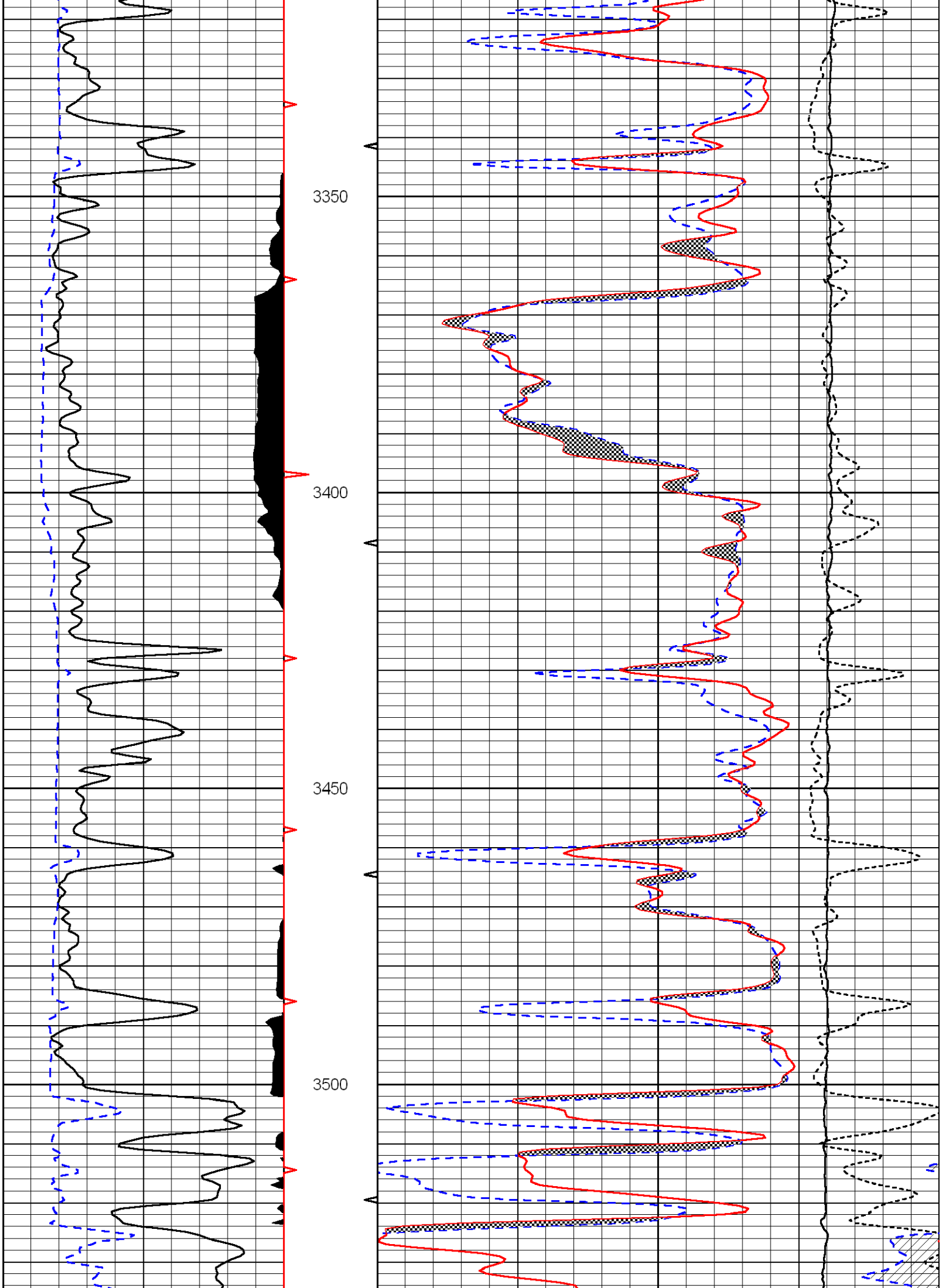
Database File:	ldhd.db
Dataset Pathname:	dil/ldmain
Presentation Format:	cndlspec
Dataset Creation:	Sat May 28 20:21:50 2011
Charted by:	Depth in Feet scaled 1:240

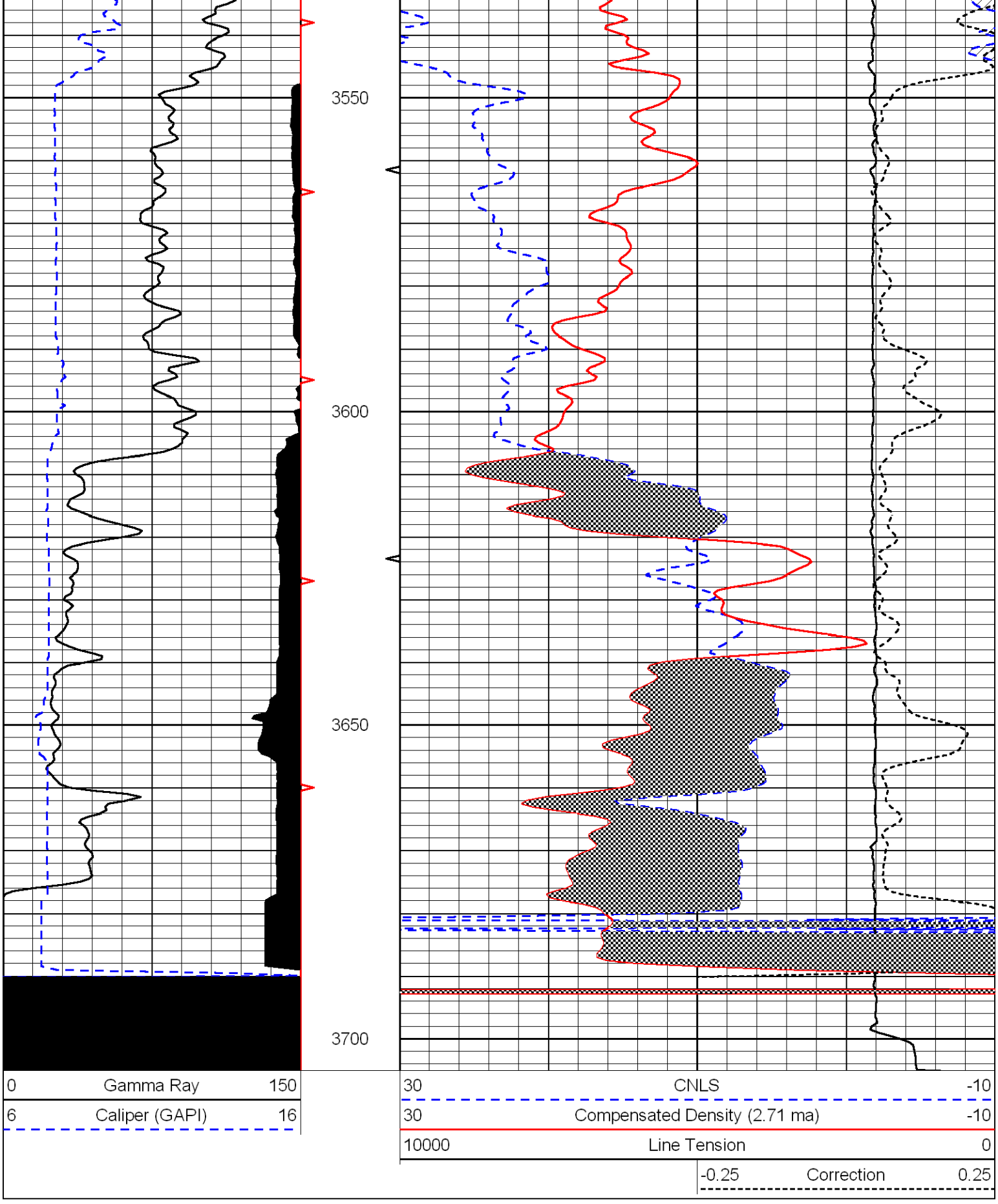
0	Gamma Ray	150
6	Caliper (GAPI)	16

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


Caliper (GAPI)
Compensated Density (2.71 mg)
10000
Line Tension
0
-0.25
Correction
0.25
2900
2950
3000
3050


3100
3150
3200
3250
3300


3350
3400
3450
3500


3550
3600
3650
3700
0
Gamma Ray
150
6
Caliper (GAPI)
16
30
CNLS
-10
30
Compensated Density (2.71 ma)
-10
10000
Line Tension
0
-0.25
Correction
0.25