



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-163-23,816-00-00

Company Mikol Oil LLC

Well Richmond No. 1 - 27

Field Colby-East

County Rooks

State Kansas

Location

W/2 - SW - SE
510' FSL & 2296' FEL

Other Services
DIL
MEL/BHCS

Sec: 27

Twp: 10 S

Rge: 17 W

Permanent Datum

Ground Level

Elevation 1985

K.B. 1991

Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

6 Ft. Above Perm. Datum
D.F. 1985

Date

8/7/2009

Run Number

One

Type Log

CNL / CDL

Depth Driller

3630

Depth Logger

3630

Bottom Logged Interval

3609

Top Logged Interval

2800

Type Fluid In Hole

Chemical

Salinity, PPM CL

3,800

Density

9.3

Level

Full

Max. Rec. Temp. F

112

Operating Rig Time

5 Hours

Equipment -- Location

15 Hays

Recorded By

B. Becker

Witnessed By

Ed Glassman

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

1 12.25

00

218

8.625

24#

00

218

2 7.875

218

3630

Comments

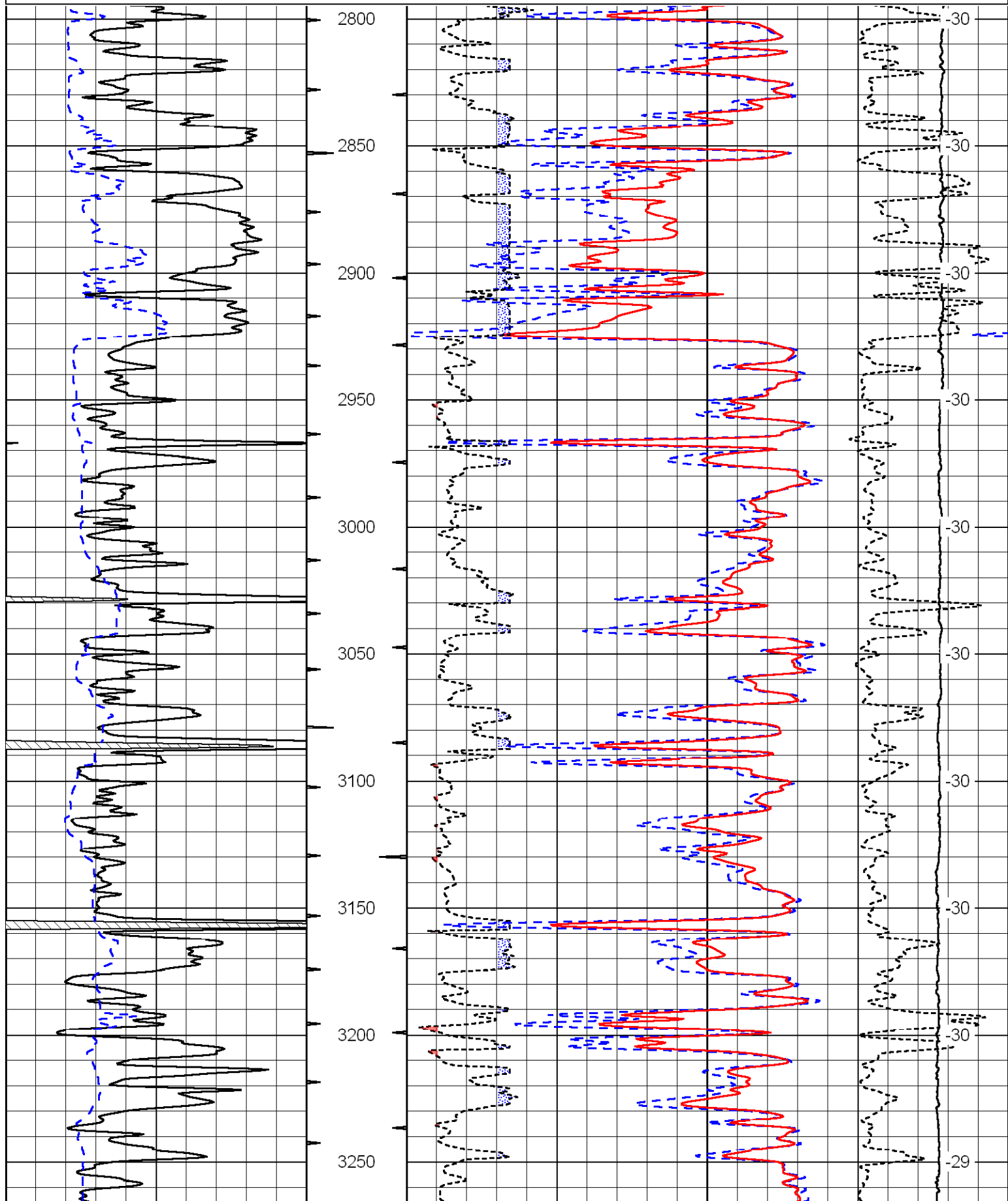
Thank you for using Log-Tech, Inc.
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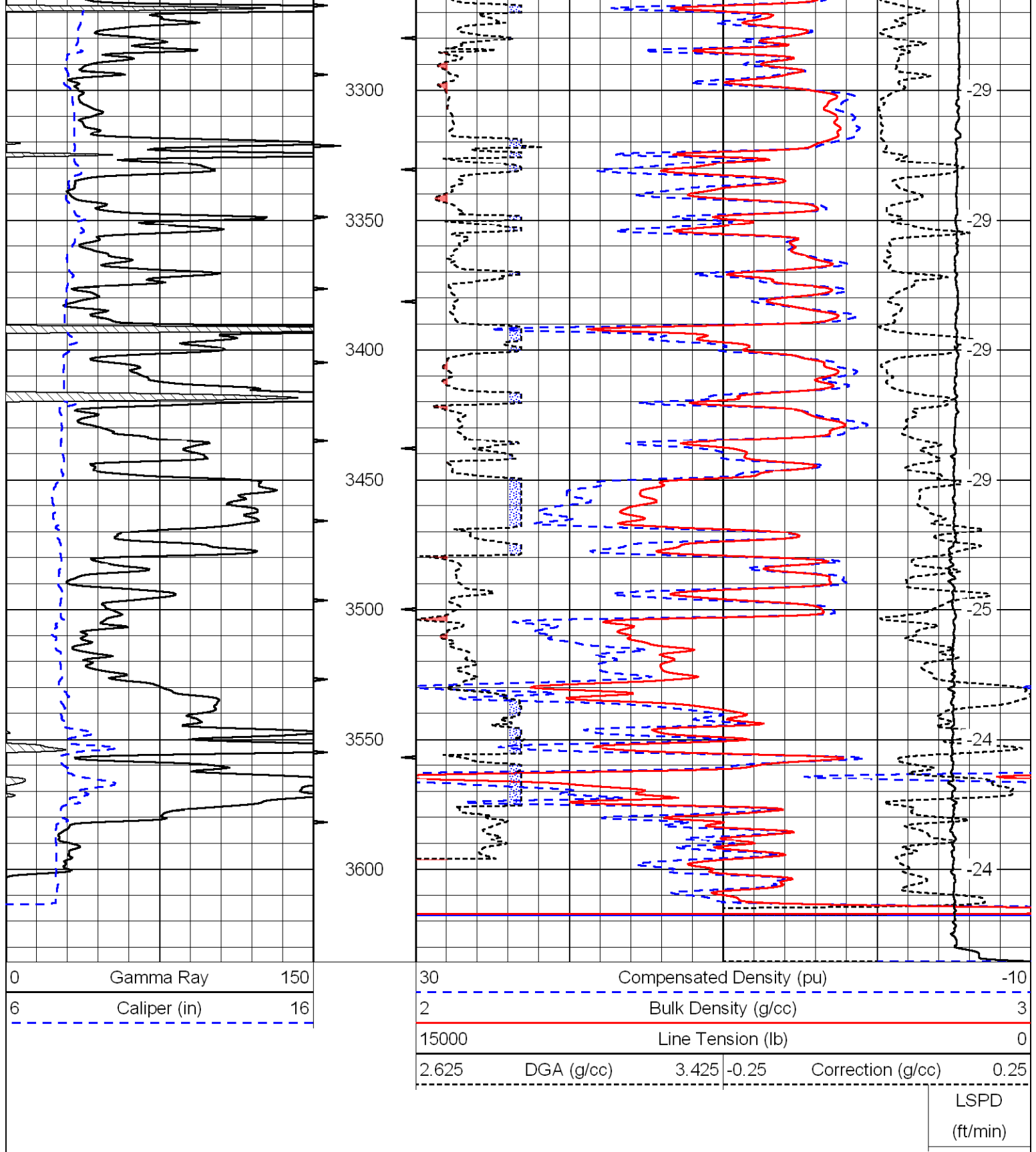
Hays, Ks; North to Saline River Rd; 5 East to 310th;
3 North and Northwest; Northeast Into

Database File: c:\warrior\data\mikol_richmond no. 1 - 27\mikolhd.db
Dataset Pathname: DIL\mikolstk
Presentation Format: cdl
Dataset Creation: Fri Aug 07 13:48:56 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (in)	16

30	Compensated Density (pu)				-10
2	Bulk Density (g/cc)				3
15000	Line Tension (lb)				0
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
					LSPD (ft/min)



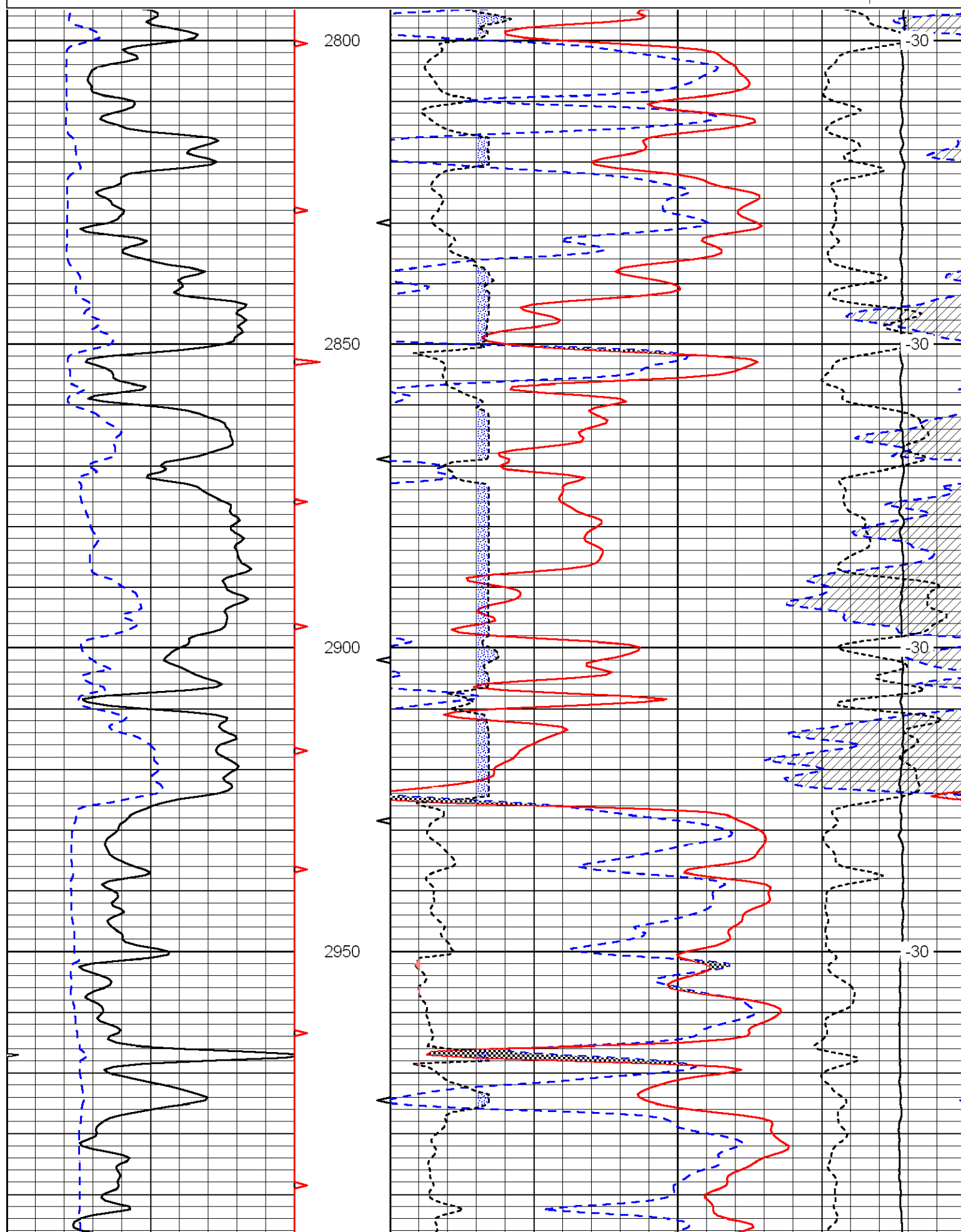


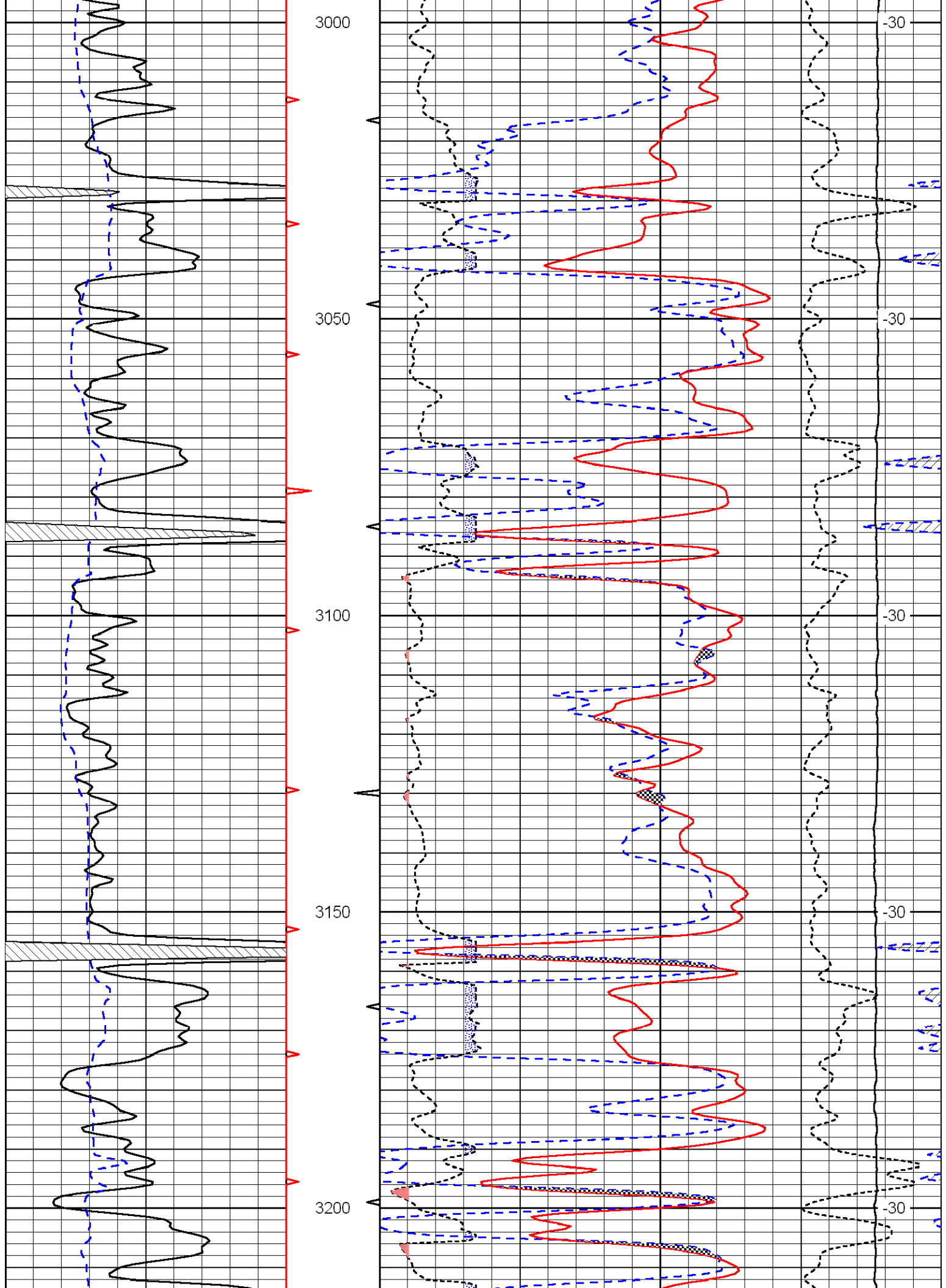
Database File: c:\warrior\data\mikal_richmond no. 1 - 27\mikalhd.db
Dataset Pathname: DIL/mikolstk
Presentation Format: cndlspec
Dataset Creation: Fri Aug 07 13:48:56 2009
Charted by: Depth in Feet scaled 1:240

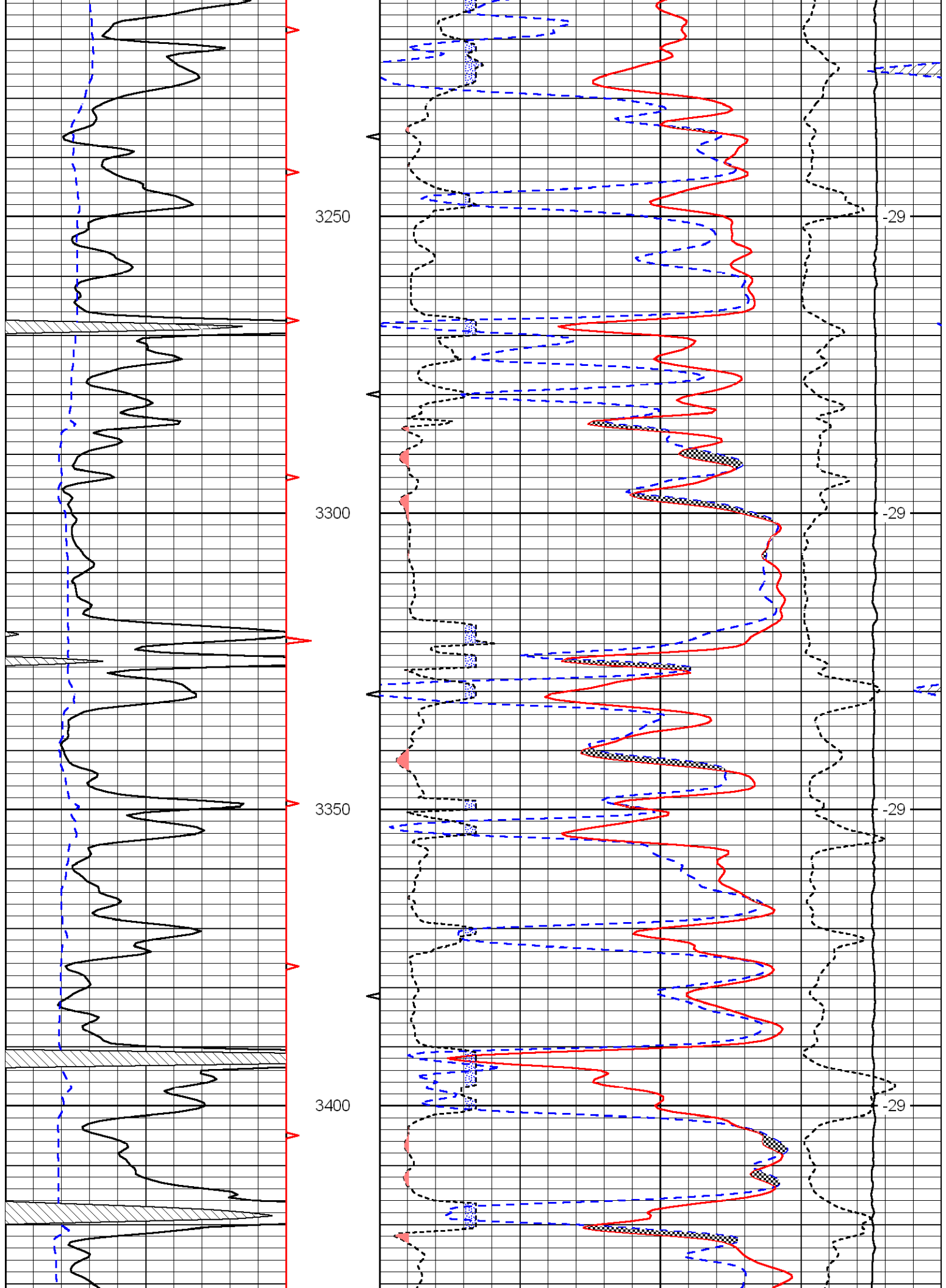


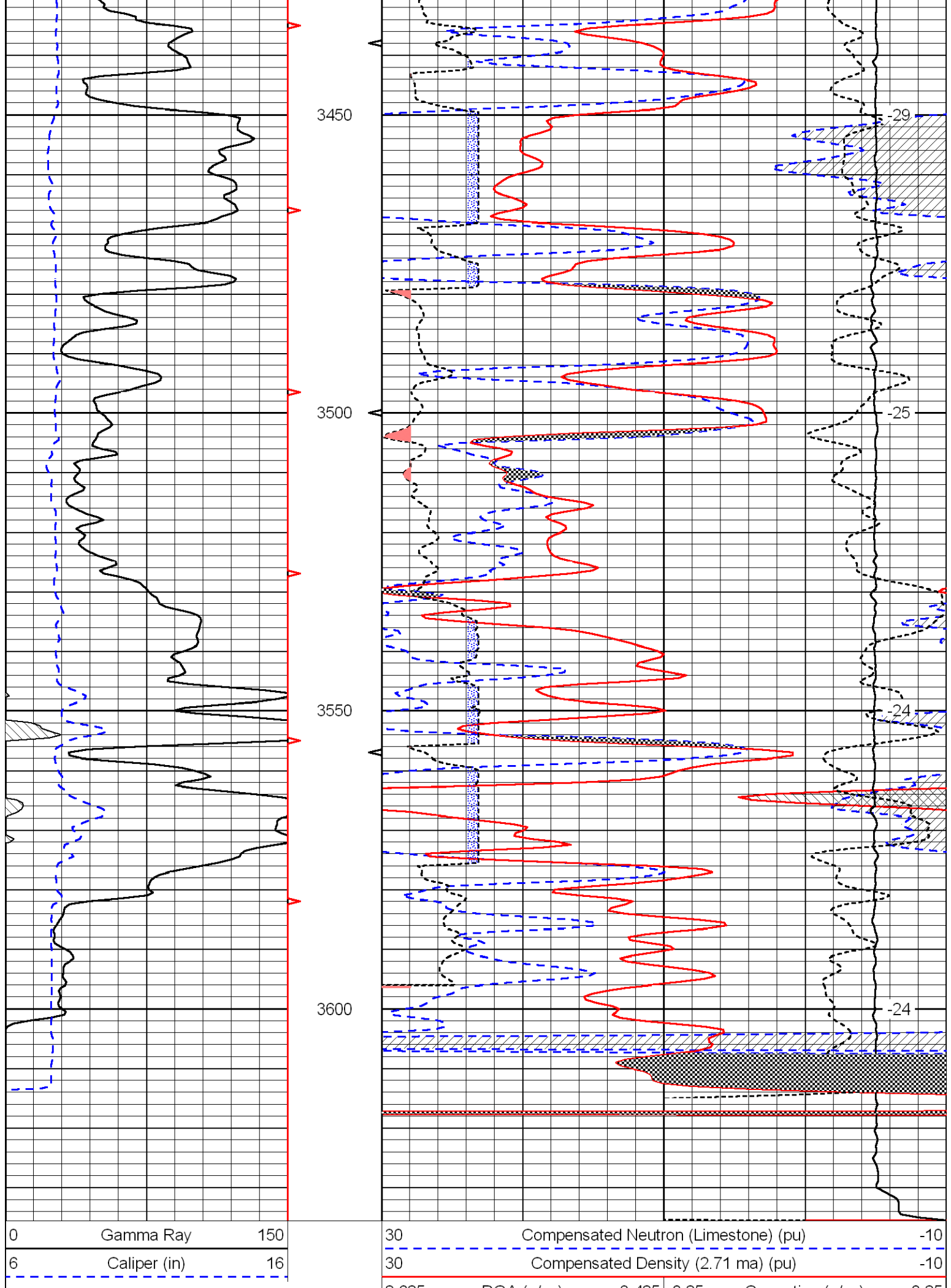
LSPD

(ft/min)









0	Gamma Ray	150
6	Caliper (in)	16

30	Compensated Neutron (Limestone) (pu)	-10
30	Compensated Density (2.71 ma) (pu)	-10
2.625	DGA (g/cc)	3.425
-0.25	Correction (g/cc)	0.25

	2.025	DOA (gss)	0.125	0.25	Correction (gss)	0.25
	15000	Line Tension (lb)				0
					LSPD (ft/min)	