



DIGITAL LOG

(785) 625-3858

Dual Compensated
Porosity Log

15-051-26,273-00-00

API No.

Company TDI, Inc.
Well Haas No. 1
Field Martina East
County Ellis
State Kansas

Location

2310' FNL & 400' FEL

Sec: 24 Twp: 15 S Rge: 19 W

Permanent Datum Ground Level Elevation 1985
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
DIL
MEL
Elevation
K.B. 1995
D.F.
G.L. 1985

Date 3/26/2012

Run Number One

Type Log CNL / CDL

Depth Driller 3750

Depth Logger 3750

Bottom Logged Interval 3729

Top Logged Interval 2900

Type Fluid In Hole Chemical

Salinity, PPM CL 3,200

Density 8.9

Level Full

Max. Rec. Temp. F 116

Operating Rig Time 4 Hours

Equipment -- Location 91 Hays

Recorded By K. Bange

Witnessed By Herb Deines

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	1172	8.625	24#	00	1172
2	7.875	1172	3750				

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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

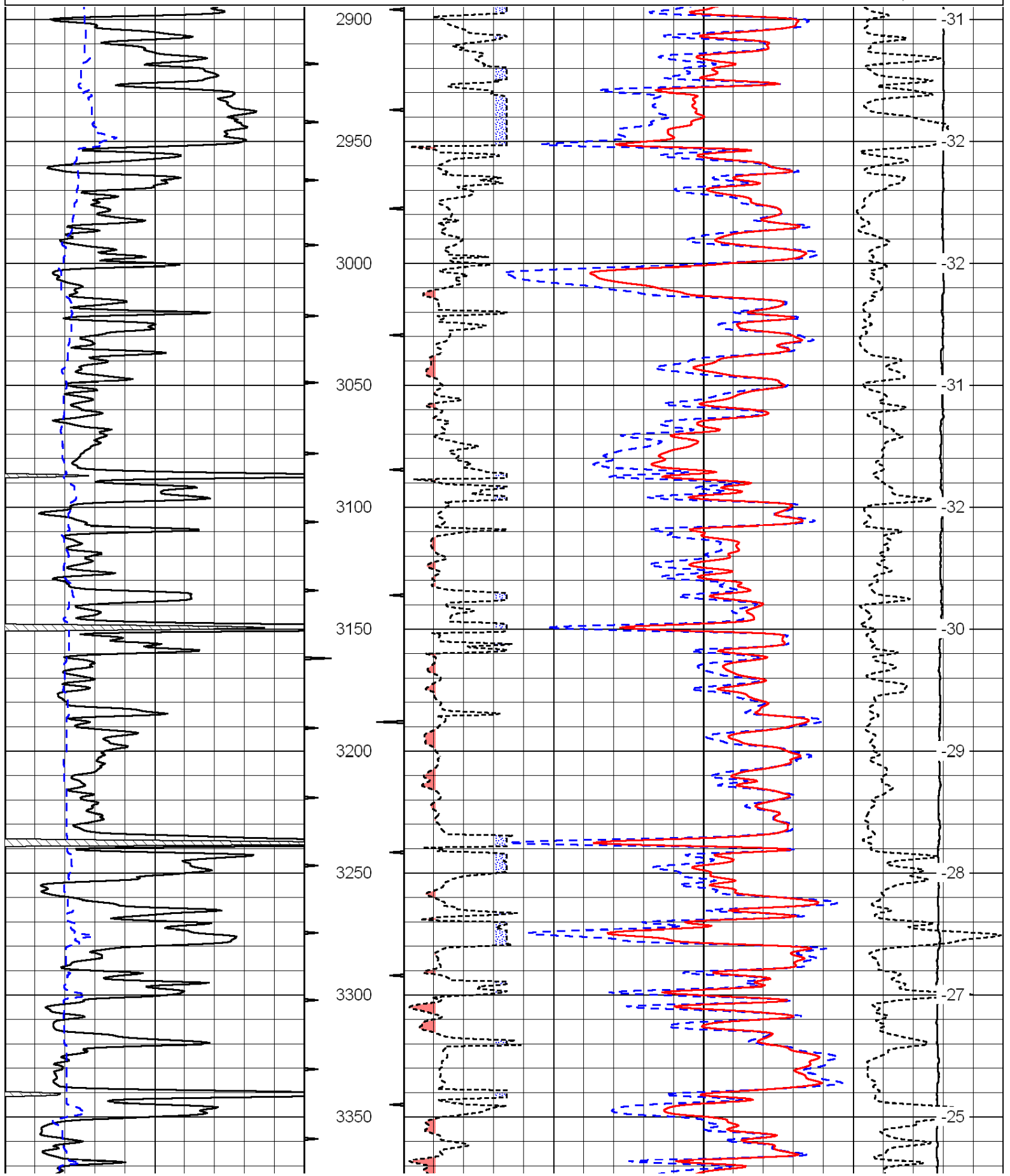
Thank you for using Log-Tech, Inc.
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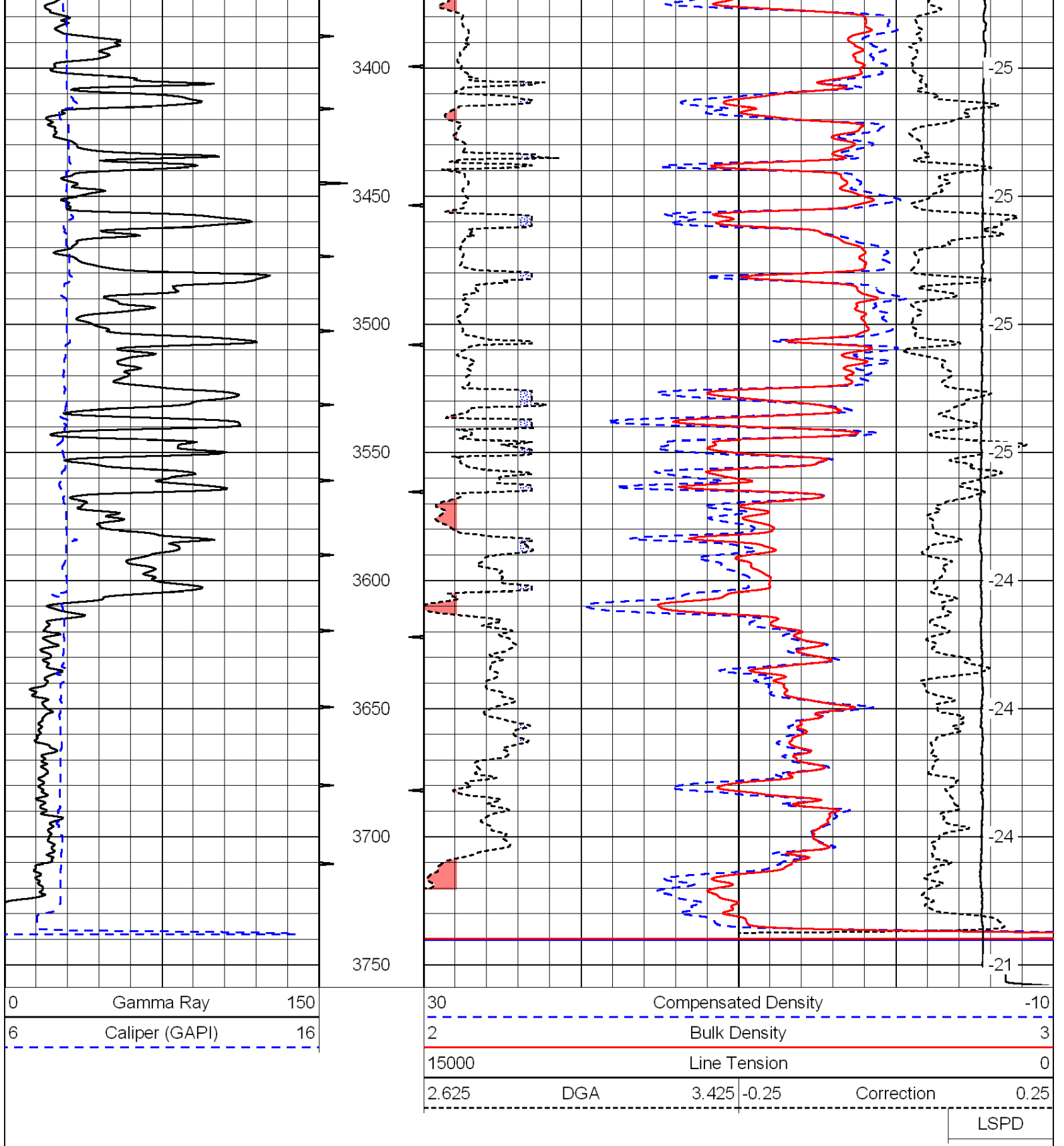
Antonino, 1 E, 3 1/4 S, W into

Database File: c:\warrior\data\tdi_haas no. 1\tdi032512hd.db
Dataset Pathname: dil\tdistack
Presentation Format: cdl
Dataset Creation: Mon Mar 26 02:44:42 2012
Charted by: Depth in Feet scaled 1:600

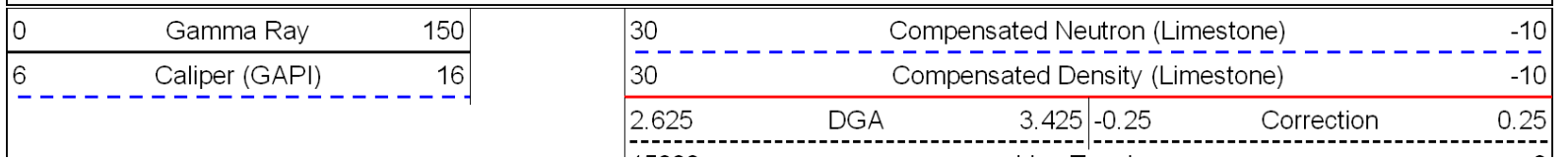
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6	Caliper (GAPI)	16

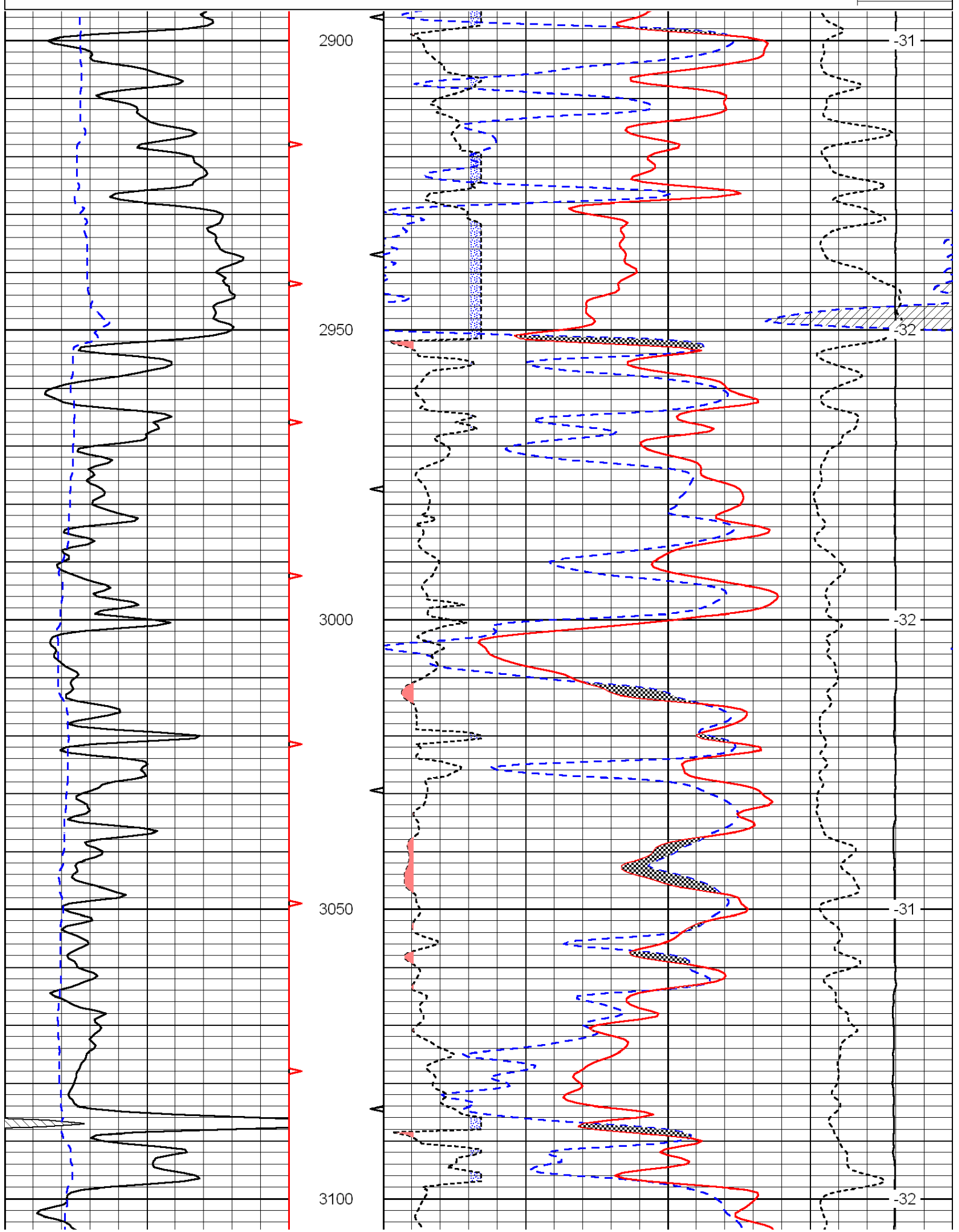
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
		Correction	0.25
			LSPD

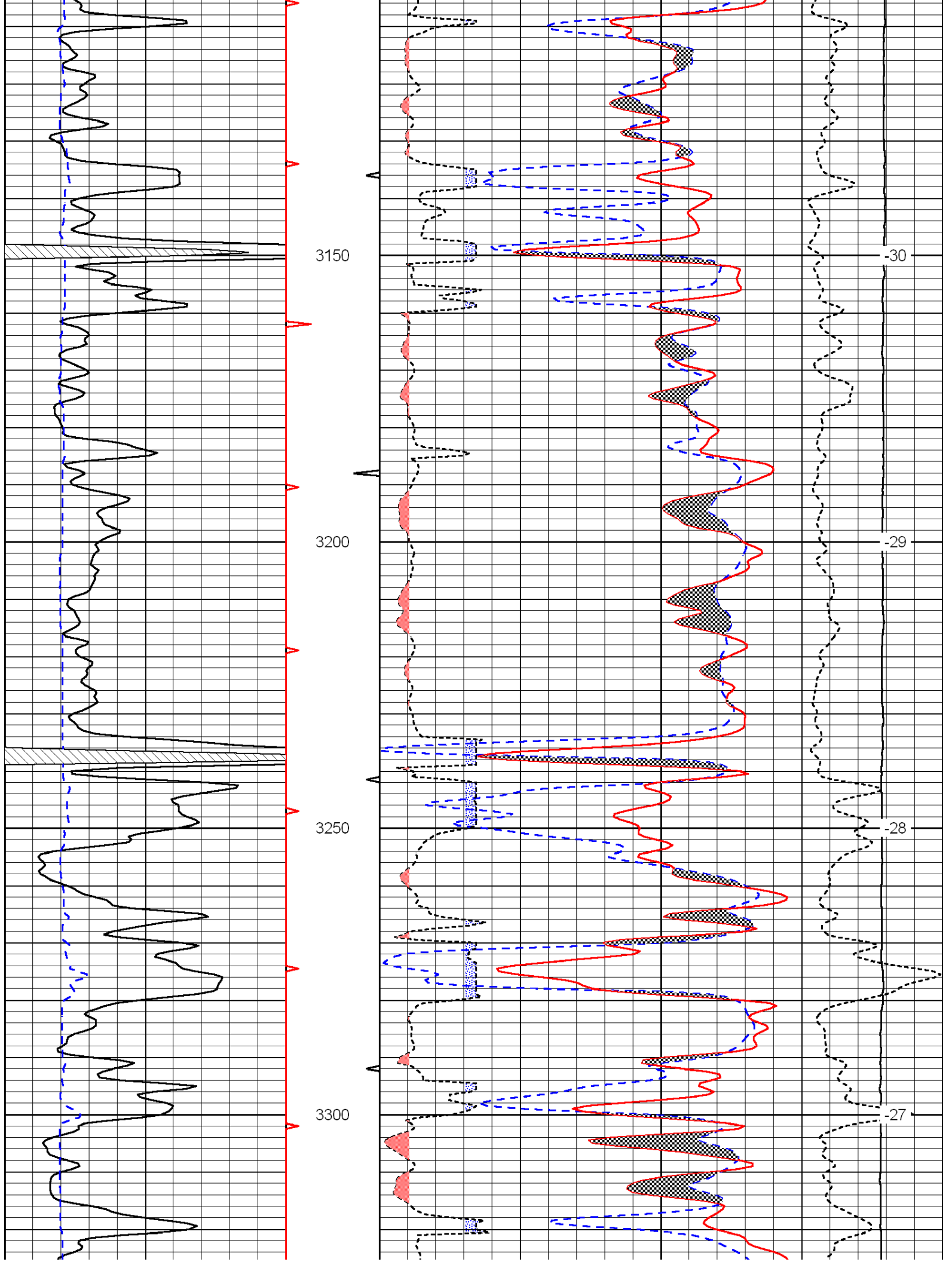


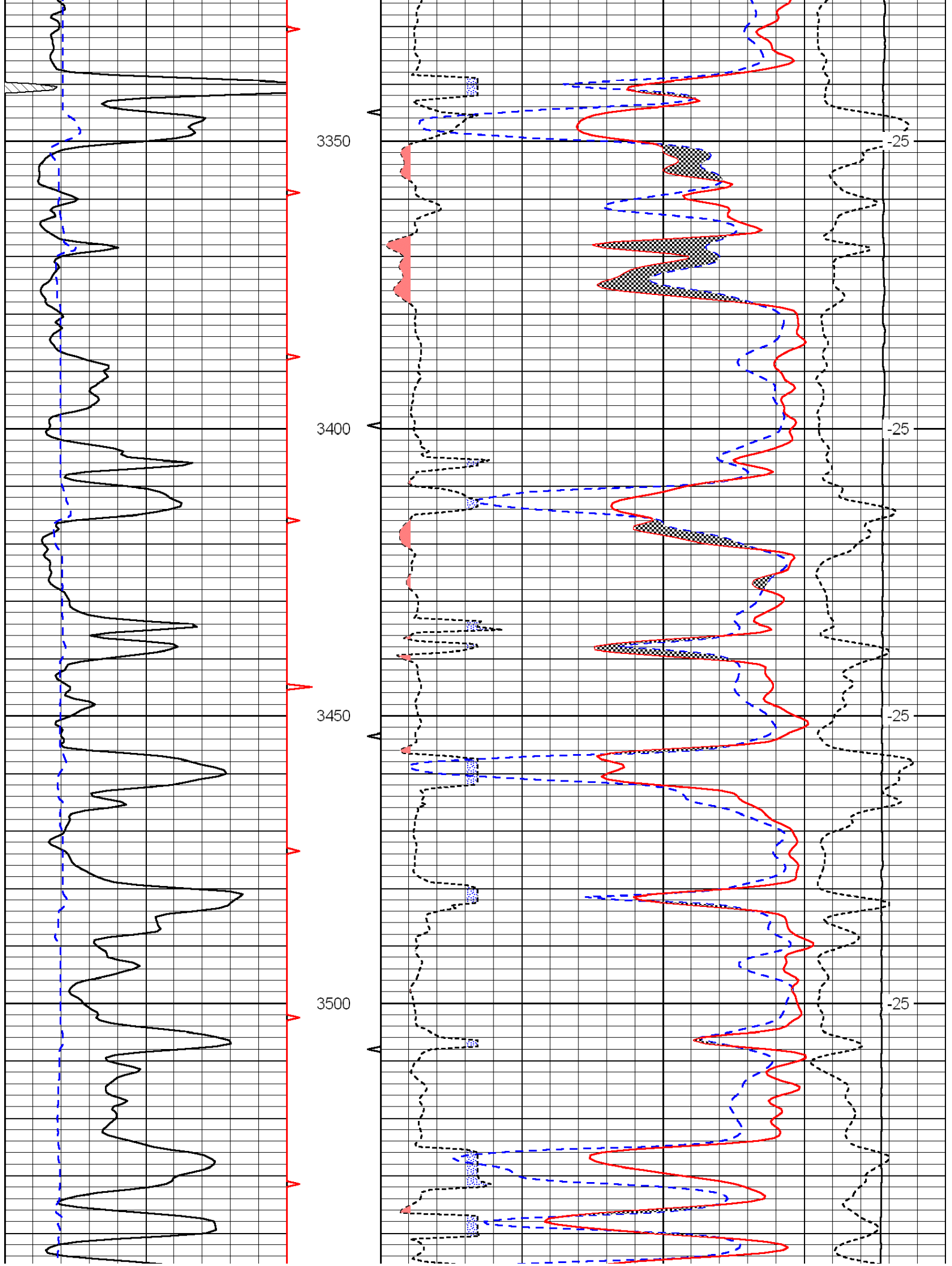


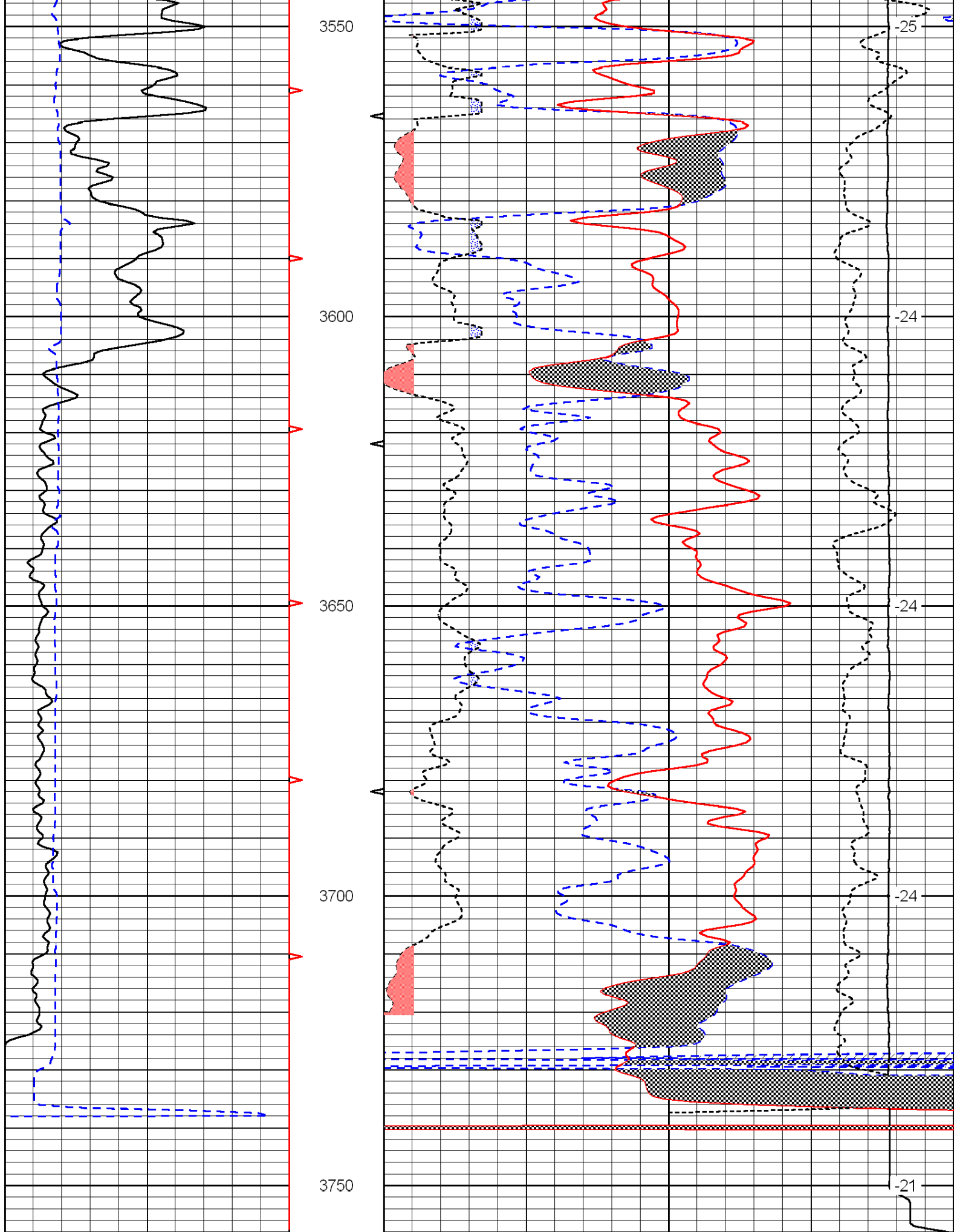
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 Dataset Pathname: dil\tdistack
 Presentation Format: cndlspec
 Dataset Creation: Mon Mar 26 02:44:42 2012
 Charted by: Depth in Feet scaled 1:240











0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10
0	Caliper (CAD)	10	30	Compensated Density (Limestone)	10

6 Caliper (GAPI) 16

30	Compensated Density (Limestone)			-10	
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD