



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-051-25,892-00-00

Company Abercrombie Energy, LLC.

Well Joy No. 1-27

Field Bemis-Shutts

County Ellis

State Kansas

Location

SW - NW - SE - NE
1780' FNL & 1140' FEL

Sec: 27

Twp: 12 S

Rge: 18 W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2143

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 2151
D.F.
G.L. 2143

Date 10/06/2009

Run Number One

Type Log CNL / CDL

Depth Driller 3725

Depth Logger 3729

Bottom Logged Interval 3708

Top Logged Interval 3000

Type Fluid In Hole Chemical

Salinity, PPM CL 5,300

Density 9.0

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 4 1/2 Hours

Equipment -- Location 4 Hays

Recorded By K. Bange

Witnessed By J. Schuler

Bob ODell

Borehole Record

Run No Bit From To Size Wgt. From To

1 12.25 00 263 8.625 24# 00 263

2 7.875 263 3725

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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

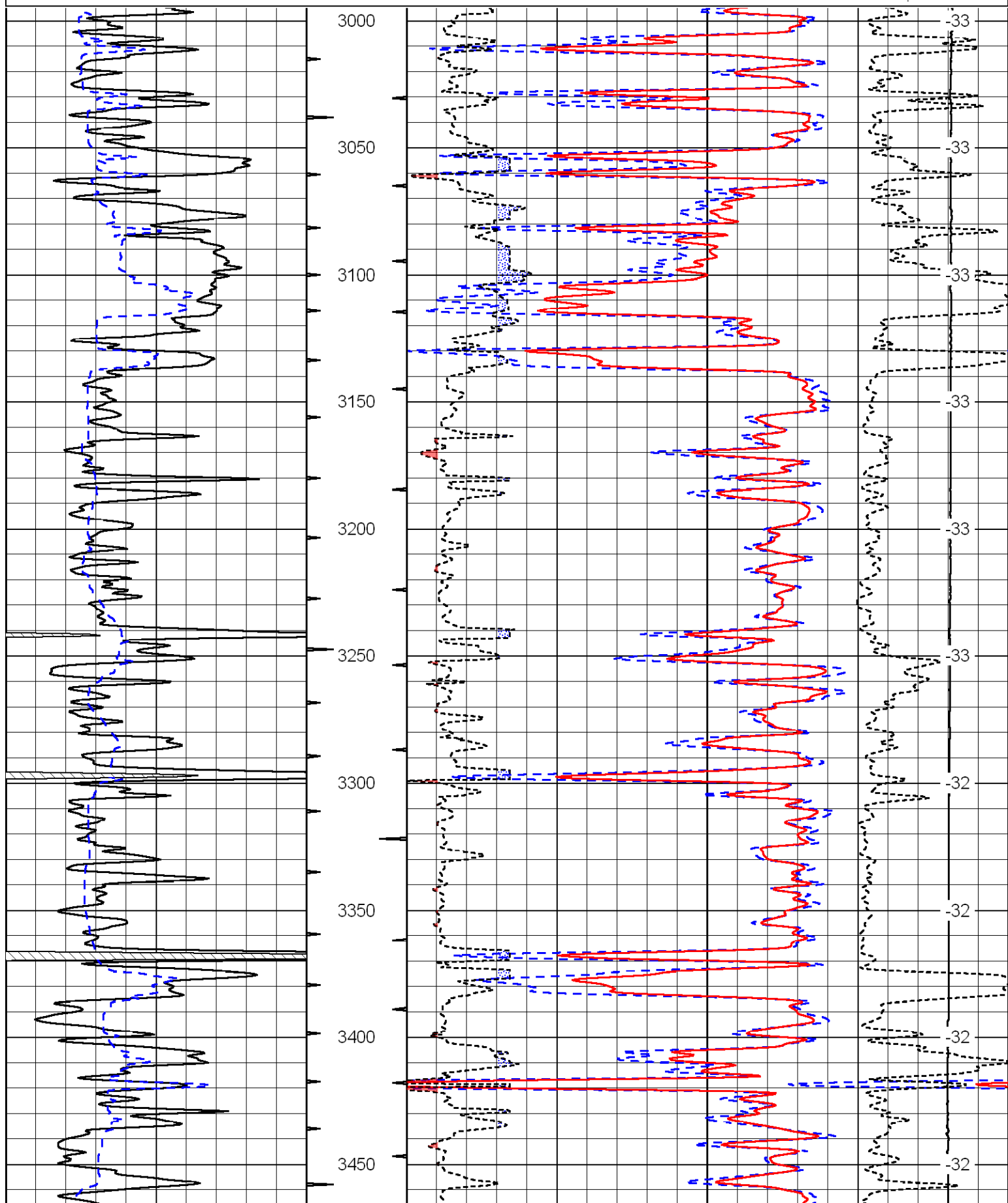
Thank you for using Log-Tech, Inc.
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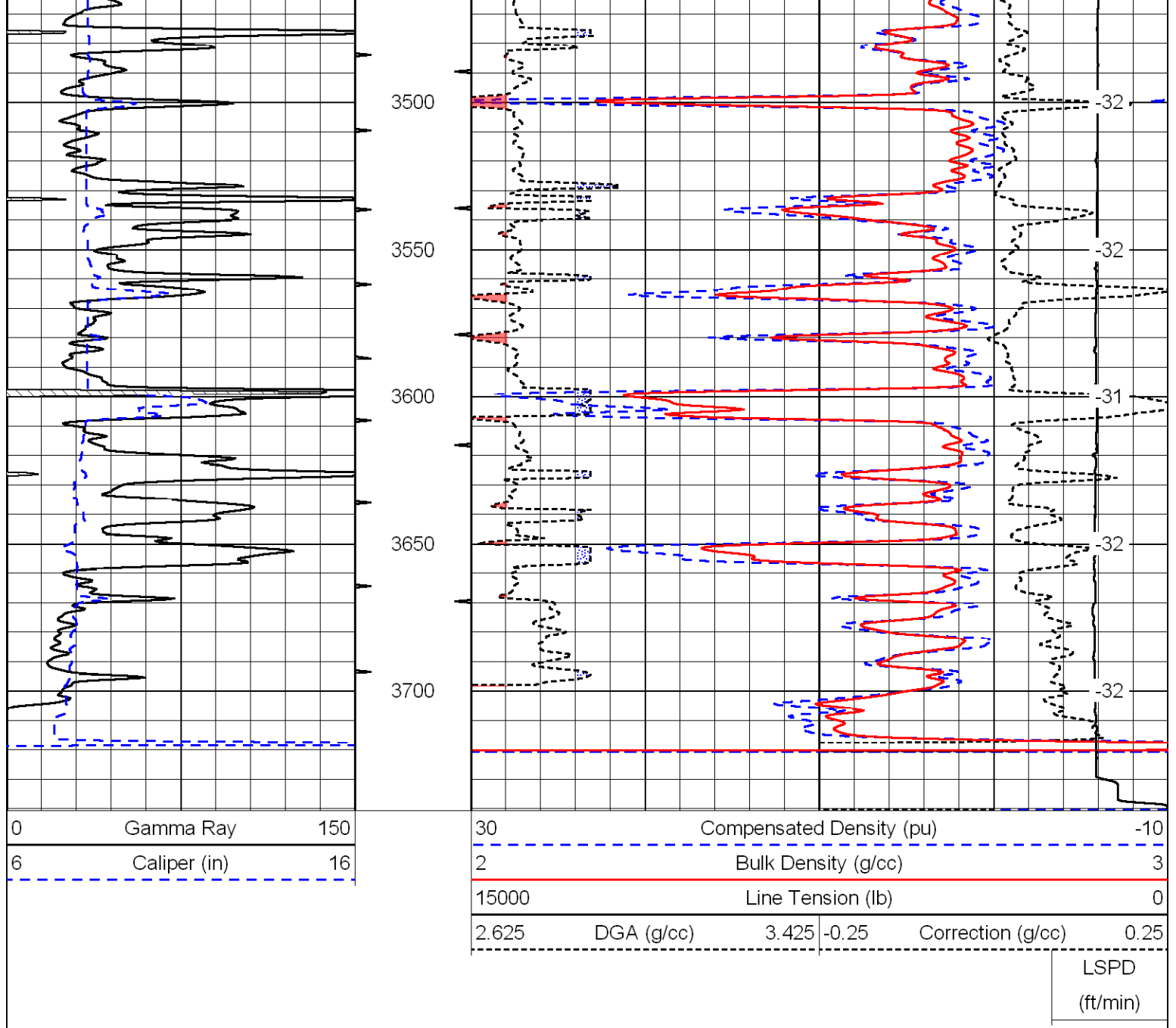
Hays, 6 N to Locus Grove, 3/4 E, S into

Database File: c:\warrior\data\abercrombie_joy no. 1-27\abercmb100609hd.db
Dataset Pathname: dil/abrcmb2in
Presentation Format: cdl
Dataset Creation: Tue Oct 06 06:17:49 2009
Charted by: Depth in Feet scaled 1:600

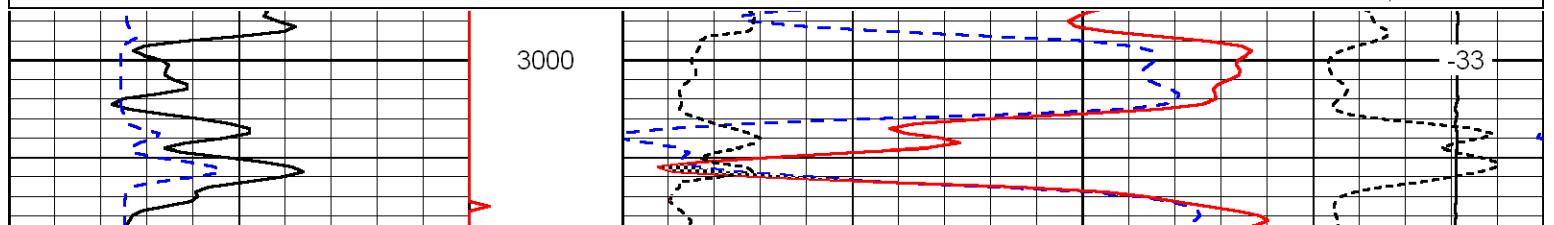
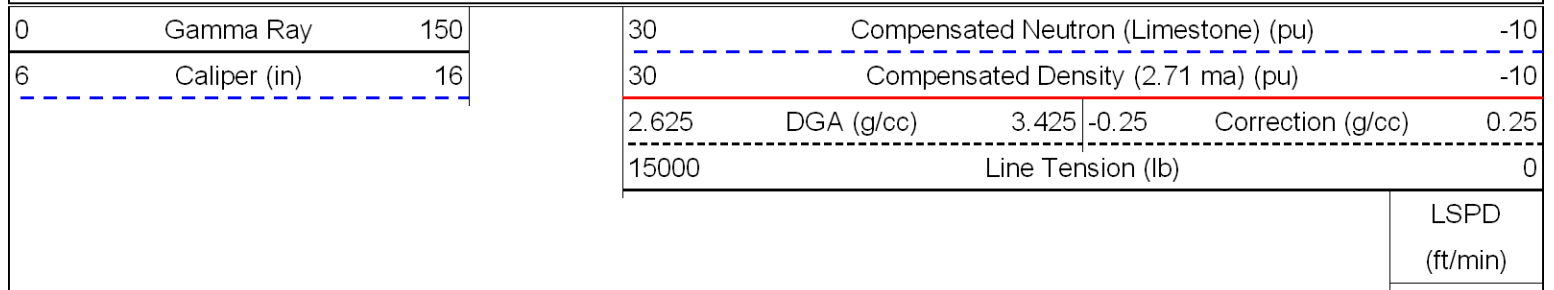
0	Gamma Ray	150
6	Caliper (in)	16

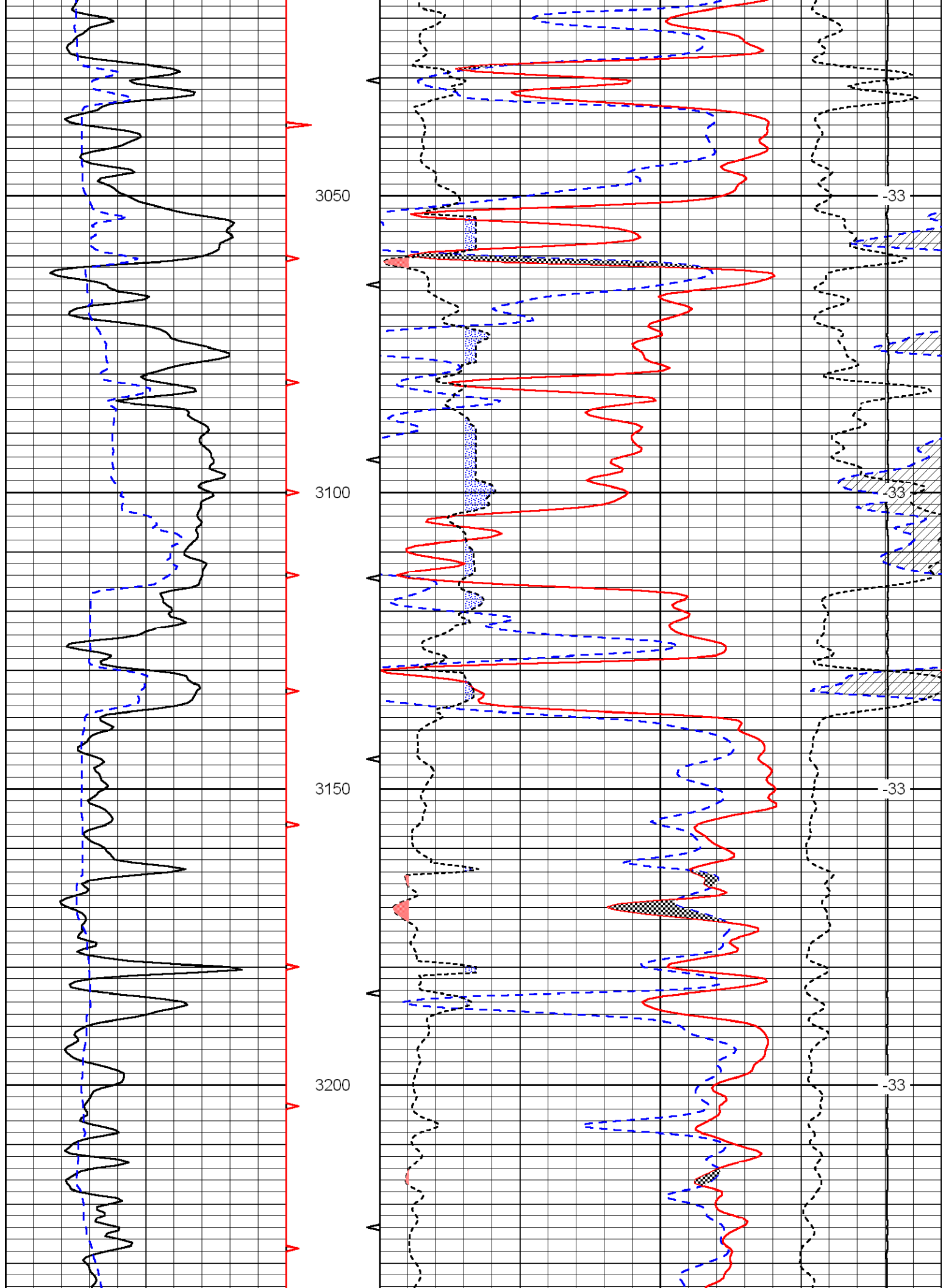
30	Compensated Density (pu)				-10
2	Bulk Density (g/cc)				3
15000	Line Tension (lb)				0
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
					LSPD (ft/min)

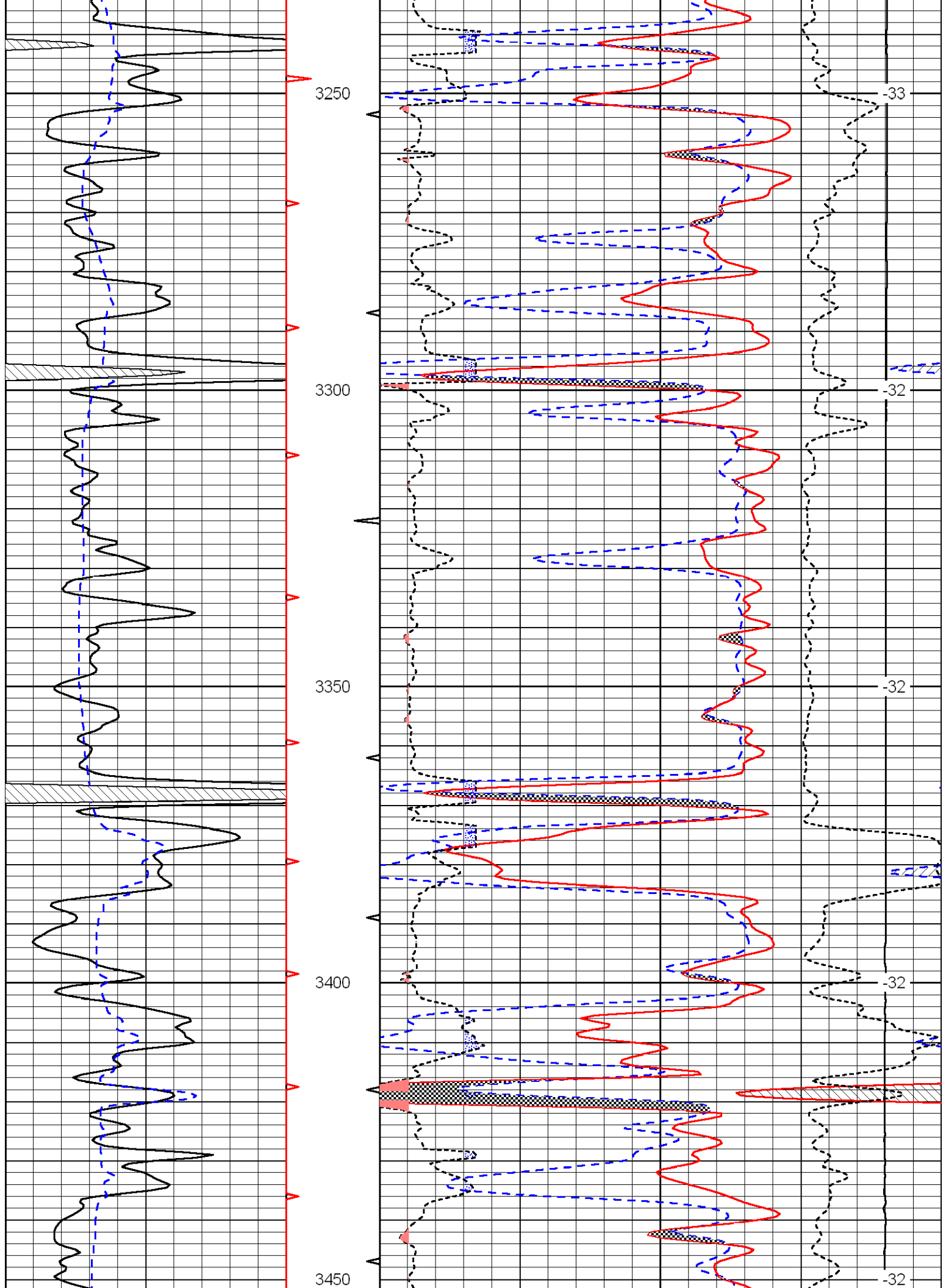


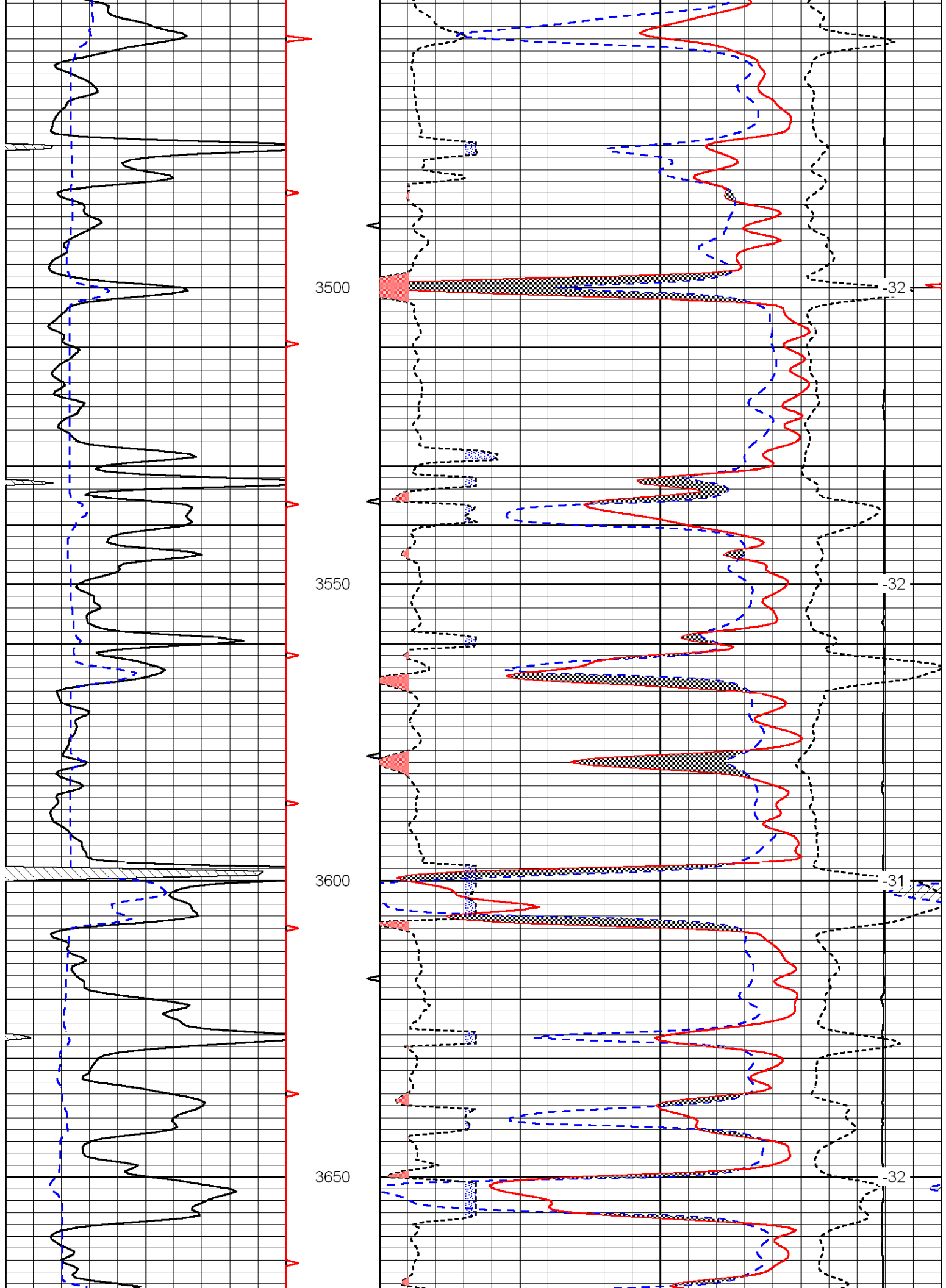


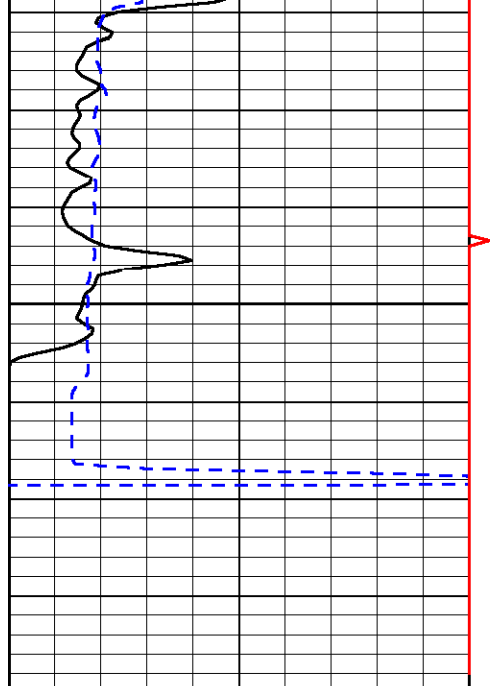
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 Dataset Pathname: dil/abrcmb2in
 Presentation Format: cndlspec
 Dataset Creation: Tue Oct 06 06:17:49 2009
 Charted by: Depth in Feet scaled 1:240





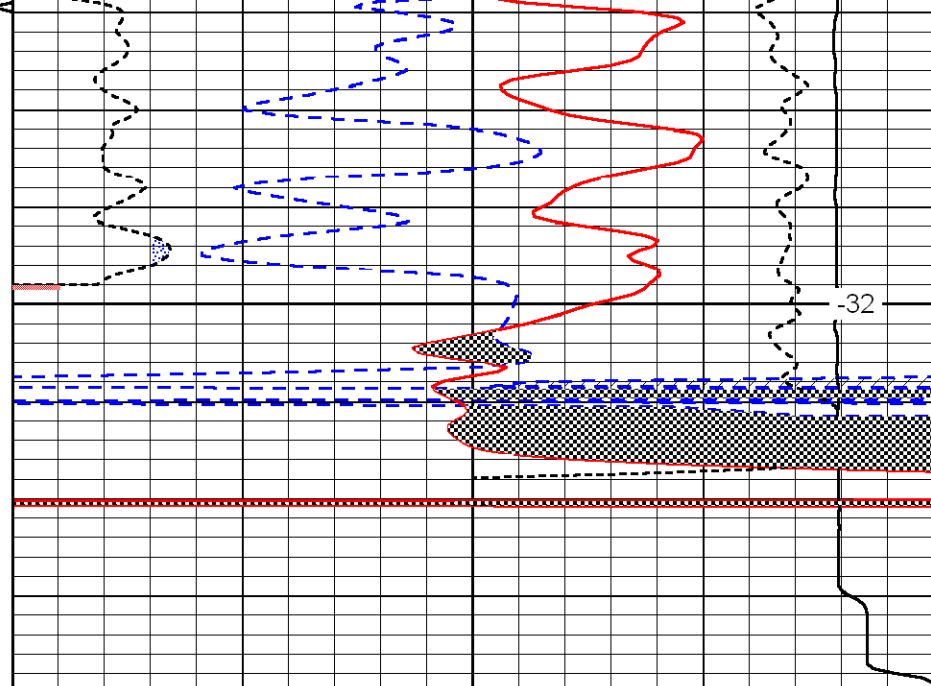






3700

0	Gamma Ray	150
6	Caliper (in)	16



-32

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
15000	Line Tension (lb)				0

LSPD
(ft/min)