



Dual Compensated  
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-159-22,601-00-00

Company Gilbert - Stewart Operating, L.L.C.  
Well Lincoln No. 3  
Field Chase Silica  
County Rice  
State Kansas

Location 1870' FSL & 2100' FEL

Sec: 21 Twp: 19S Rge: 9W

Other Services  
DIL  
MEL/BHCS

Permanent Datum Ground Level Elevation 1705  
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 1714  
D.F. 1705  
G.L. 1705

Date 12/22/2009

Run Number One

Type Log CNL / CDL

Depth Driller 3350

Depth Logger 3354

Bottom Logged Interval 3333

Top Logged Interval 2400

Type Fluid In Hole Chemical

Salinity, PPM CL 8,500

Density 9.3

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 5 Hours

Equipment -- Location 10 Hays

Recorded By Jason Wallbrock

Witnessed By Derek Patterson

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	309	8.625	24#	00	309
2	7.875	309	3350				

<<< 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

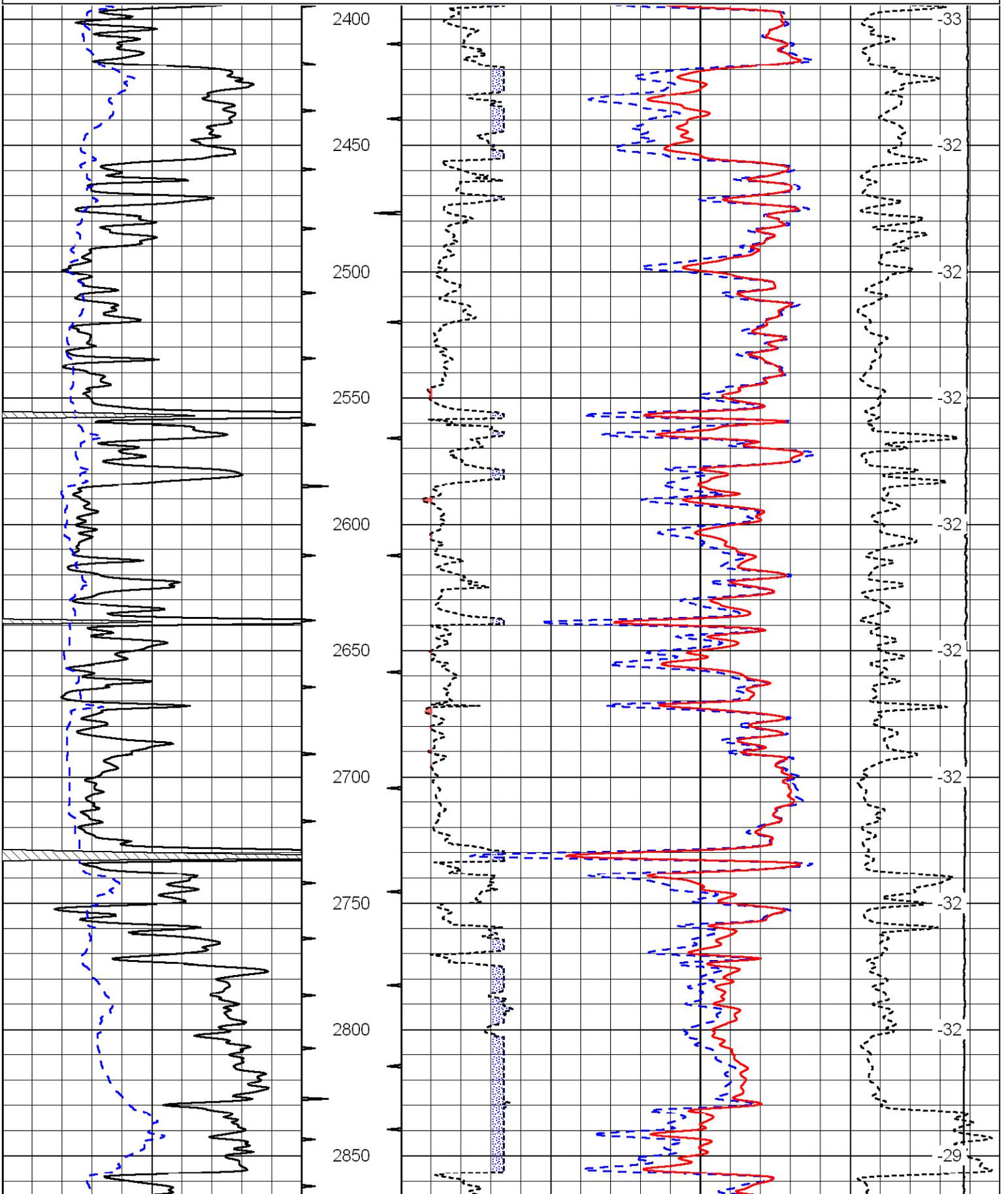
Clafin E to Chase Blacktop, 8 S, 2 E, 1/2 S, W Into

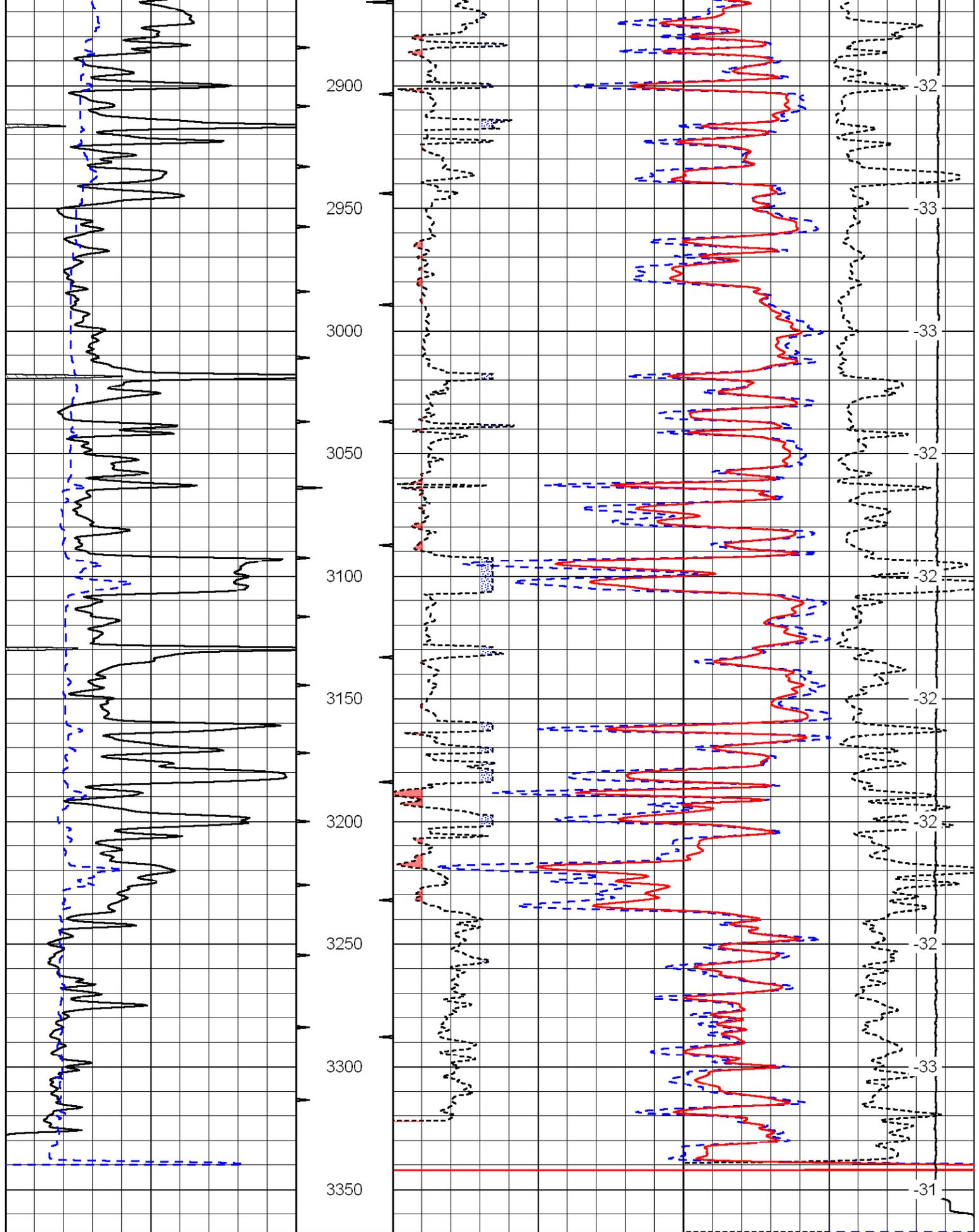
Database File: c:\warrior\data\gil-stew\_lincoln no. 3\gilberthd.db  
 Dataset Pathname: dil/gil2in  
 Presentation Format: cdl  
 Dataset Creation: Tue Dec 22 23:24:34 2009  
 Charted by: Depth in Feet scaled 1:600

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)





0      Gamma Ray      150  
 6      Caliper (in)      16

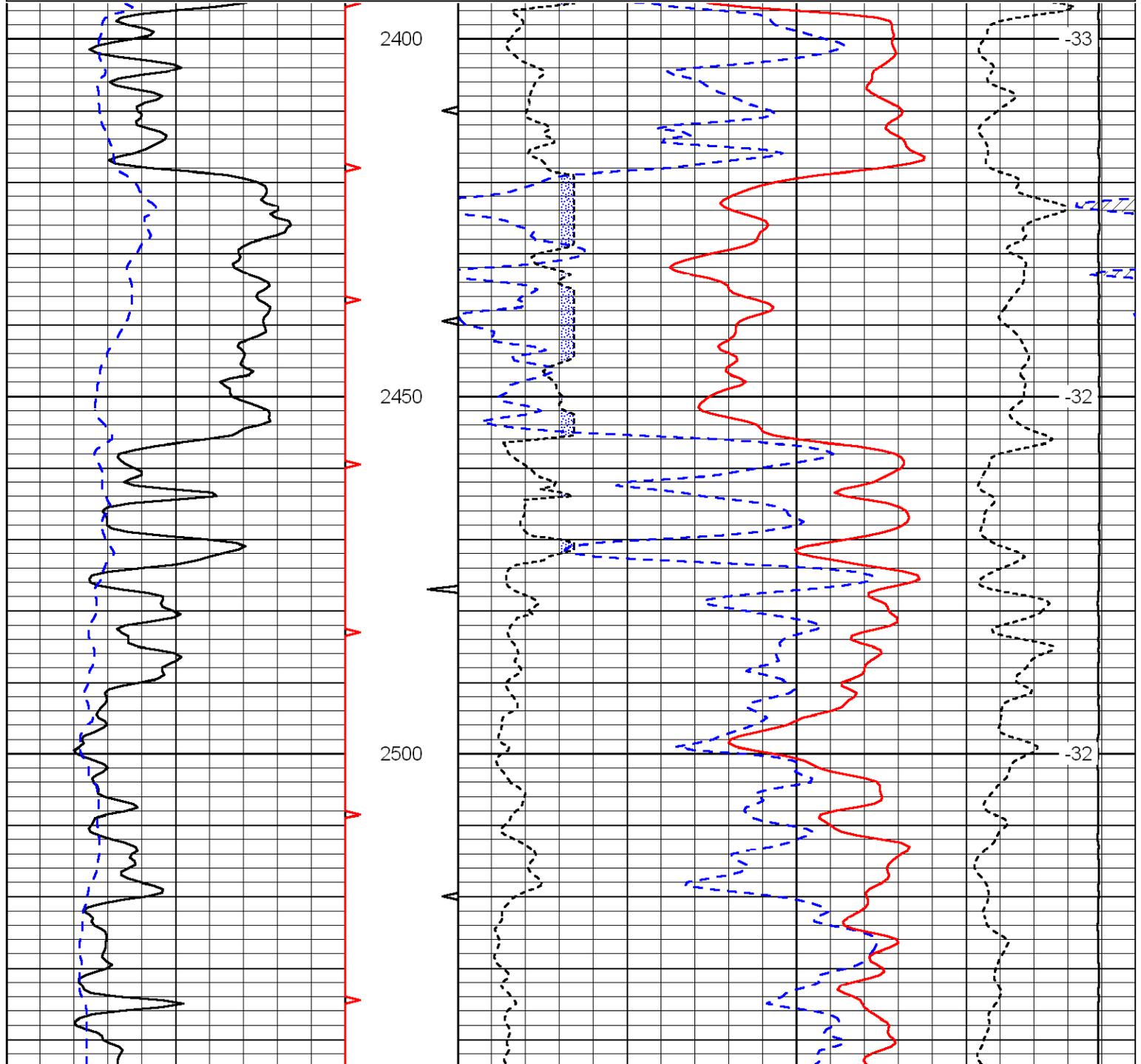
30      Compensated Density (pu)      -10  
 2      Bulk Density (g/cc)      3  
 15000      Line Tension (lb)      0

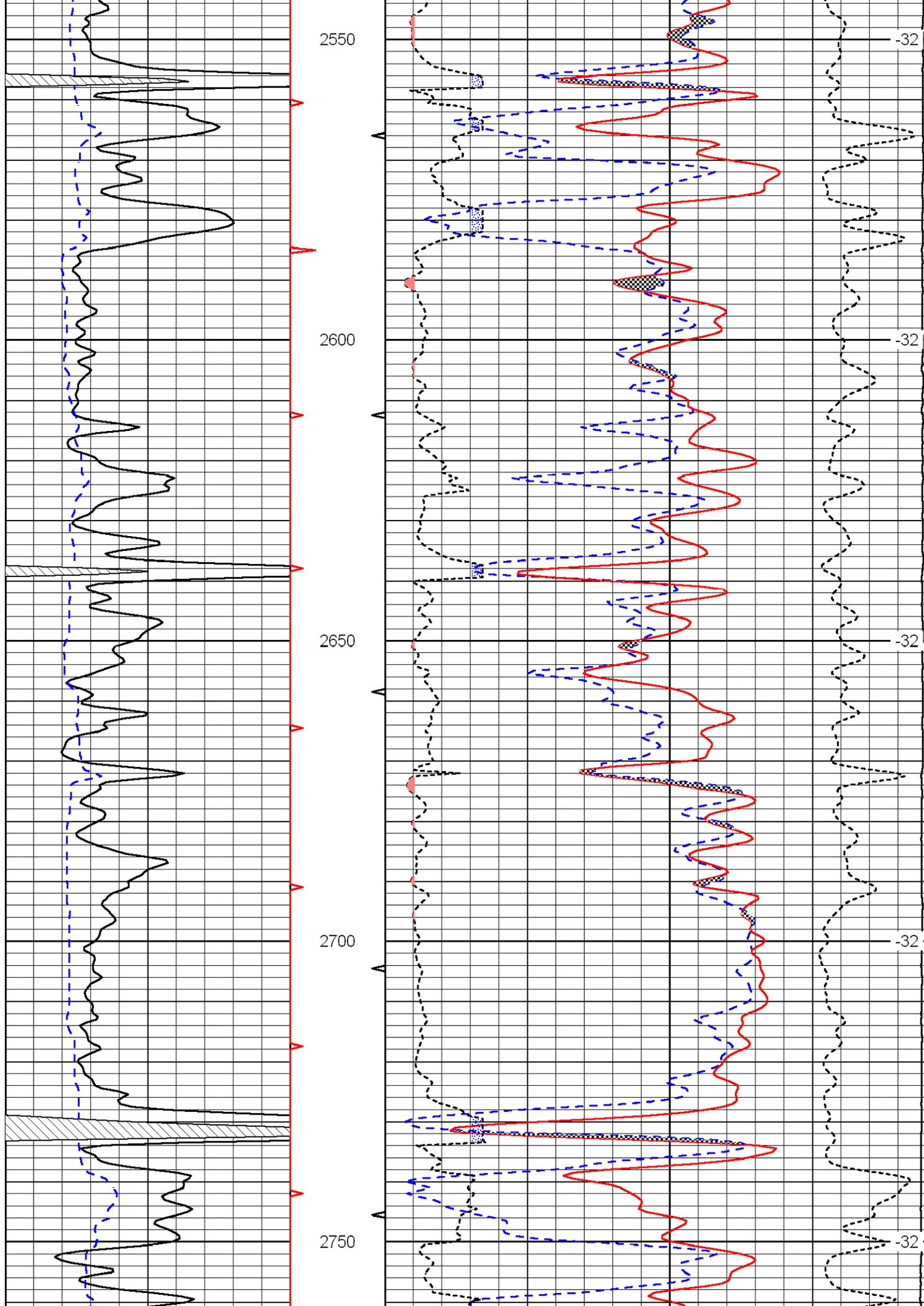
0.225      DCA (g/cc)      0.425      0.25      Correction (g/cc)      0.25

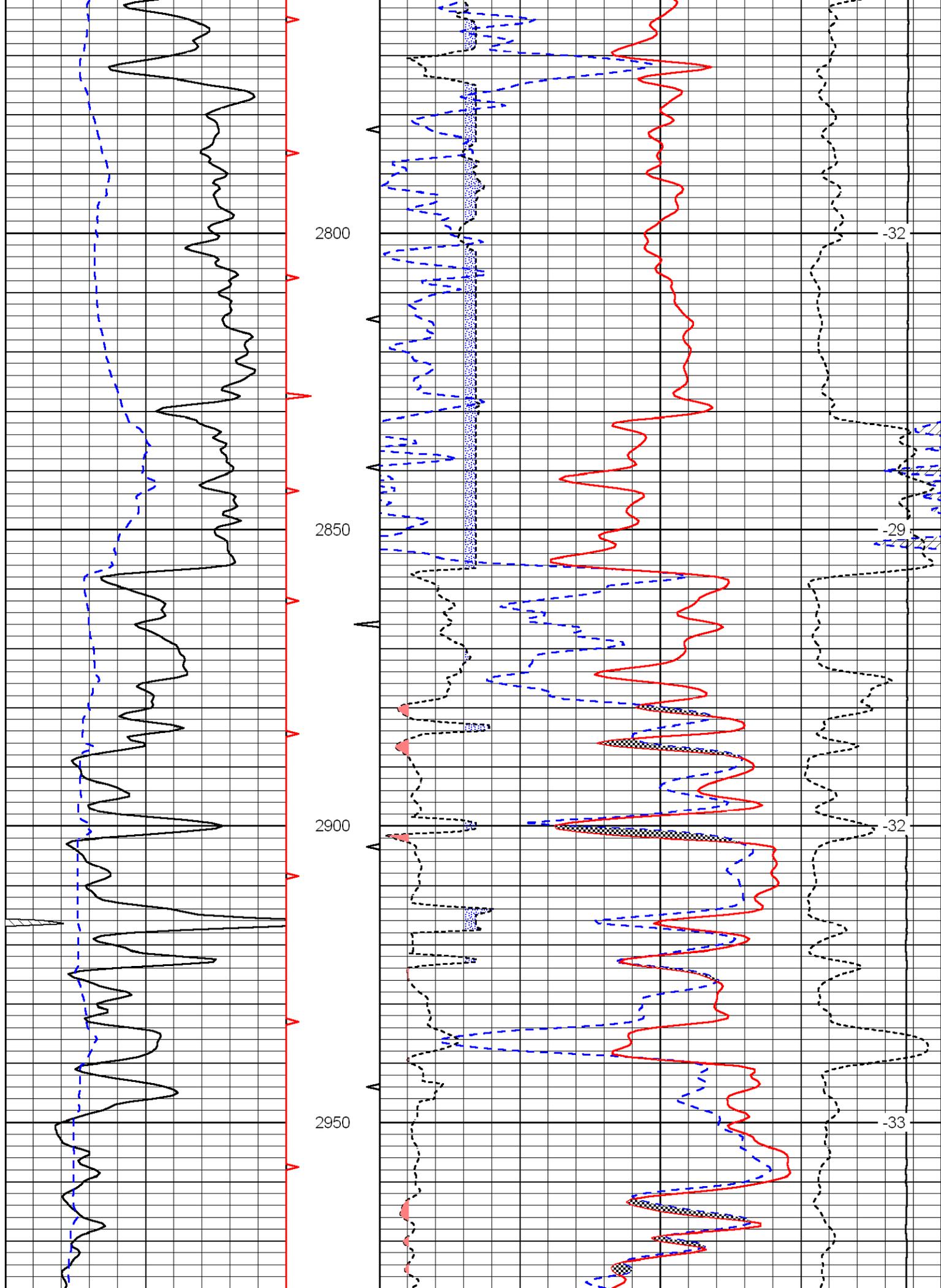
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
					LSPD (ft/min)

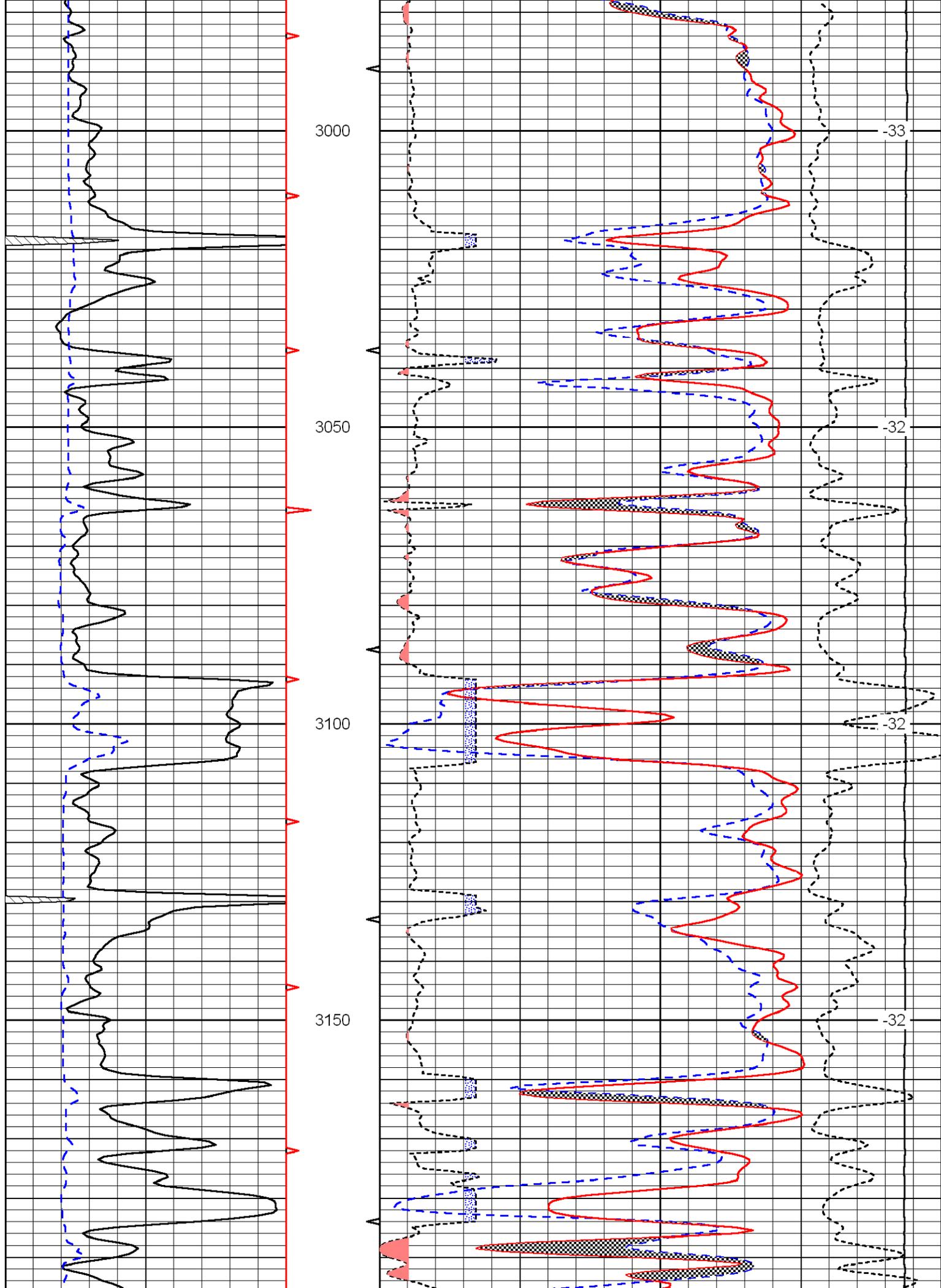
Database File: c:\warrior\data\gil-stew\_lincoln no. 3\gilberthd.db  
 Dataset Pathname: dil/gil2in  
 Presentation Format: cndlspec  
 Dataset Creation: Tue Dec 22 23:24:34 2009  
 Charted by: Depth in Feet scaled 1:240

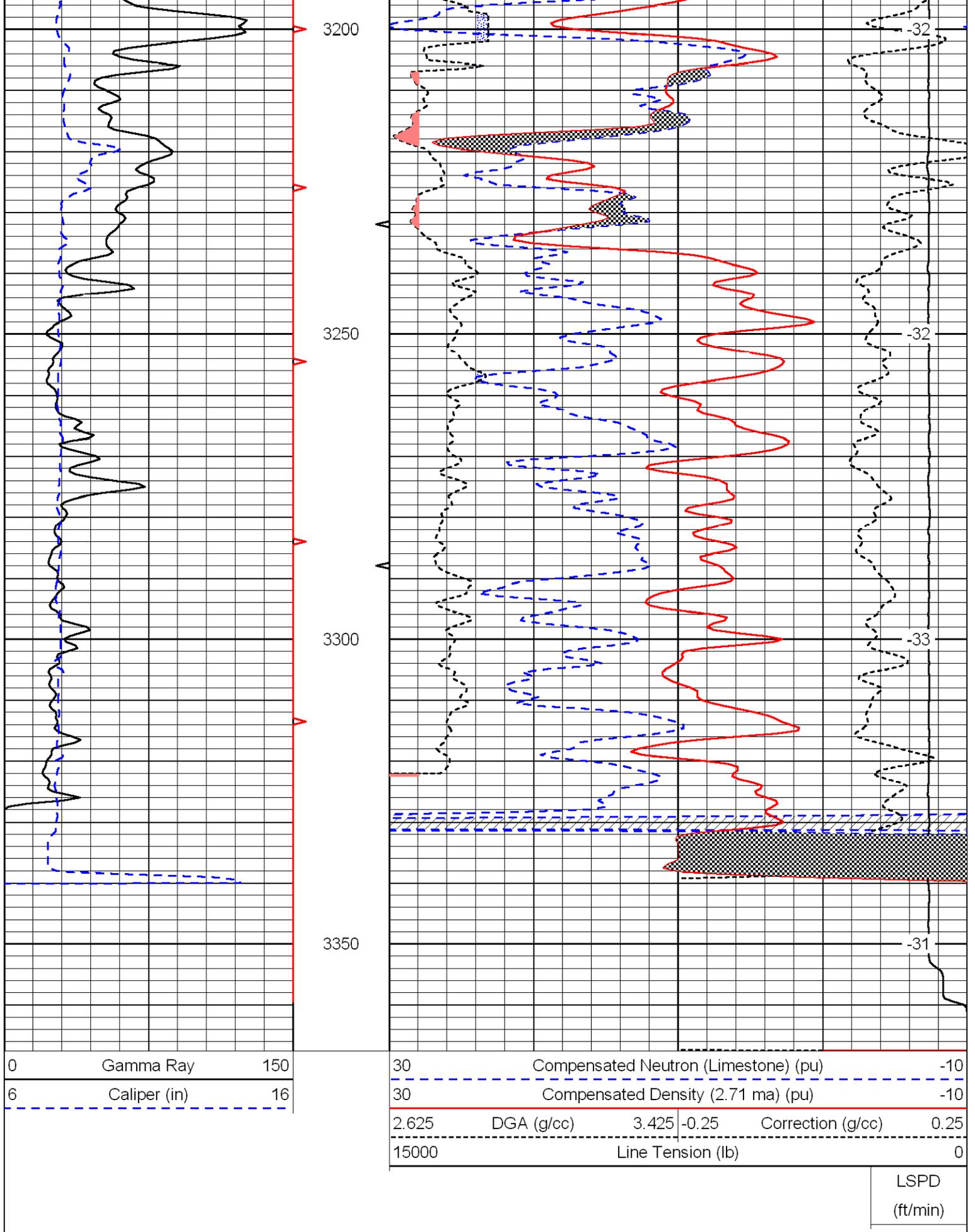
0	Gamma Ray	150	30	Compensated Neutron (Limestone) (pu)	-10		
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)	-10		
		2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
		15000	Line Tension (lb)		0		
					LSPD (ft/min)		











# Dolomite Matrix (2.05)

Database File: c:\warrior\data\gil-stew\_lincoln no. 3\gilberhd.db  
 Dataset Pathname: dil/dolmatrix  
 Presentation Format: cndldolo  
 Dataset Creation: Tue Dec 22 23:24:33 2009  
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (in)	16

30	Compansated Neutron (pu)			-10
30	Compensated Density (pu)			-10
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc) 0.25
15000	Line Tension (lb)			0

LSPD  
(ft/min)

