



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-163-23,818-00-00

Company **Carmen Schmitt, Inc.**

Well **A-T Unit No. 1**

Field **Marcotte**

County **Rooks**

State **Kansas**

Location **330' FNL & 180' FWL**

Other Services
DIL / MEL

Sec: **35** Twp: **10 S** Rge: **20 W**

Permanent Datum **Ground Level** Elevation **2139**

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

Drilling Measured From **Kelly Bushing** K.B. **2147**
D.F. **2139**
G.L.

Date **8/18/2009**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **3829**

Depth Logger **3828**

Bottom Logged Interval **3807**

Top Logged Interval **3150**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **3,300**

Density **9.2**

Level **Full**

Max. Rec. Temp. F **116**

Operating Rig Time **4 Hours**

Equipment -- Location **4 Hays**

Recorded By **K. Bange**

Witnessed By **Cliff Ottaway**

Borehole Record

Run No Bit From To Size Wgt. From To

One 12.25 00 223 8.625 23# 00 223

Two 7.875 223 TD

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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

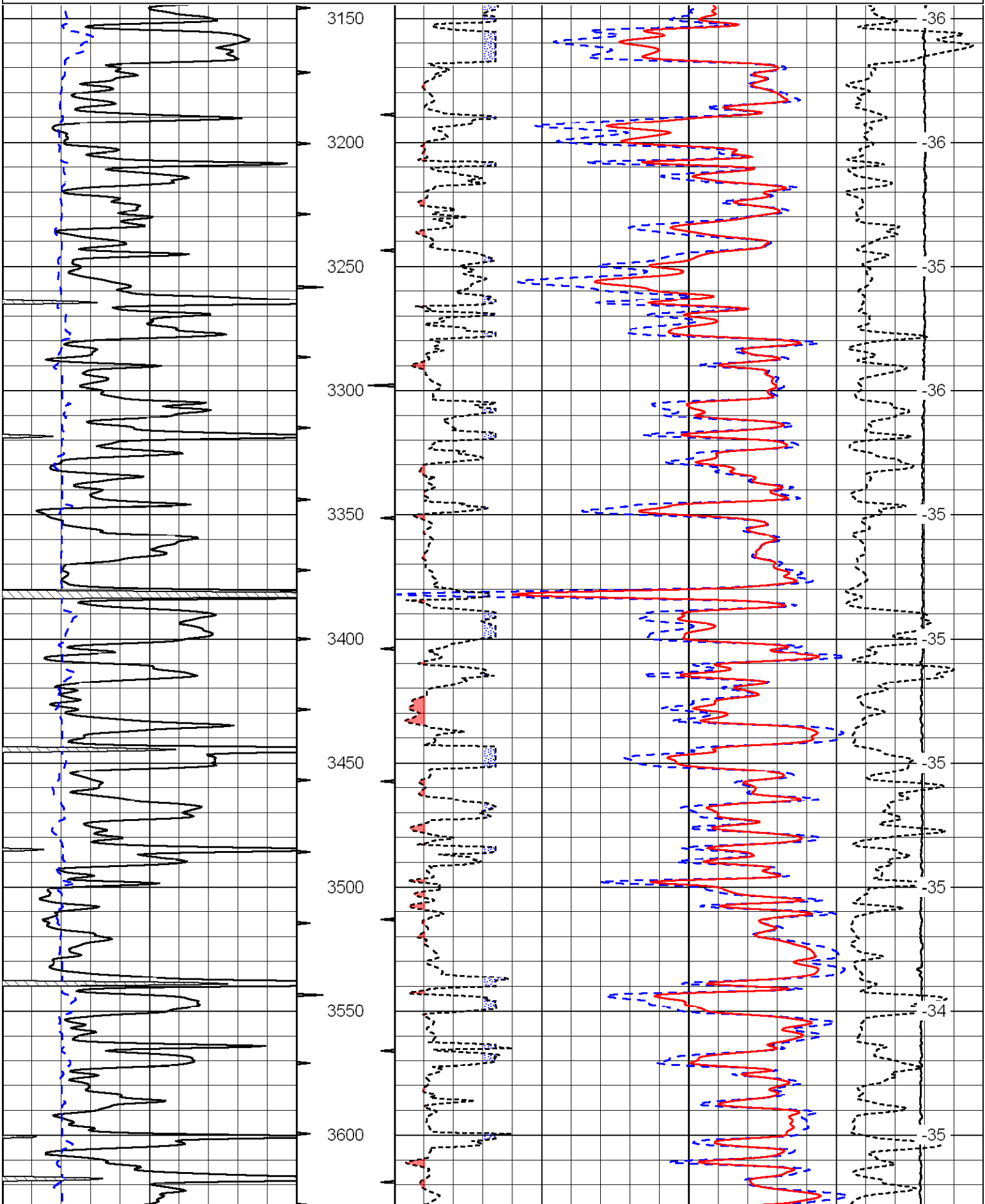
Thank you for using Log-Tech, Inc.
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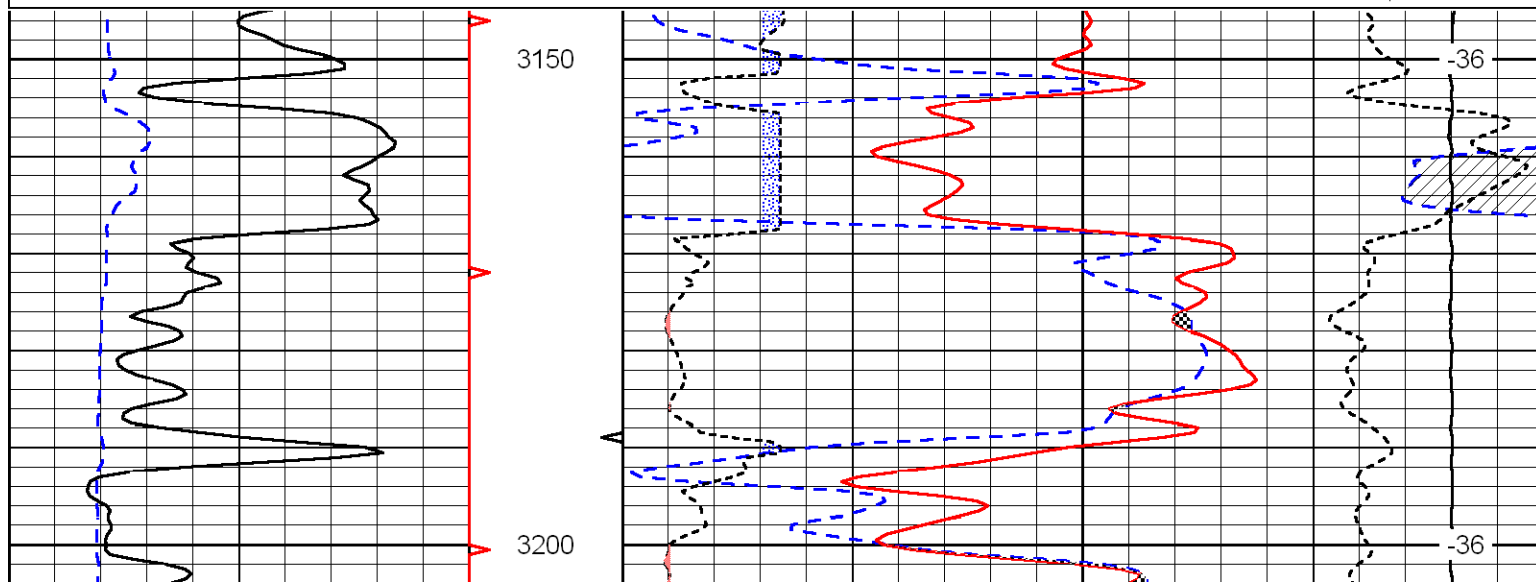
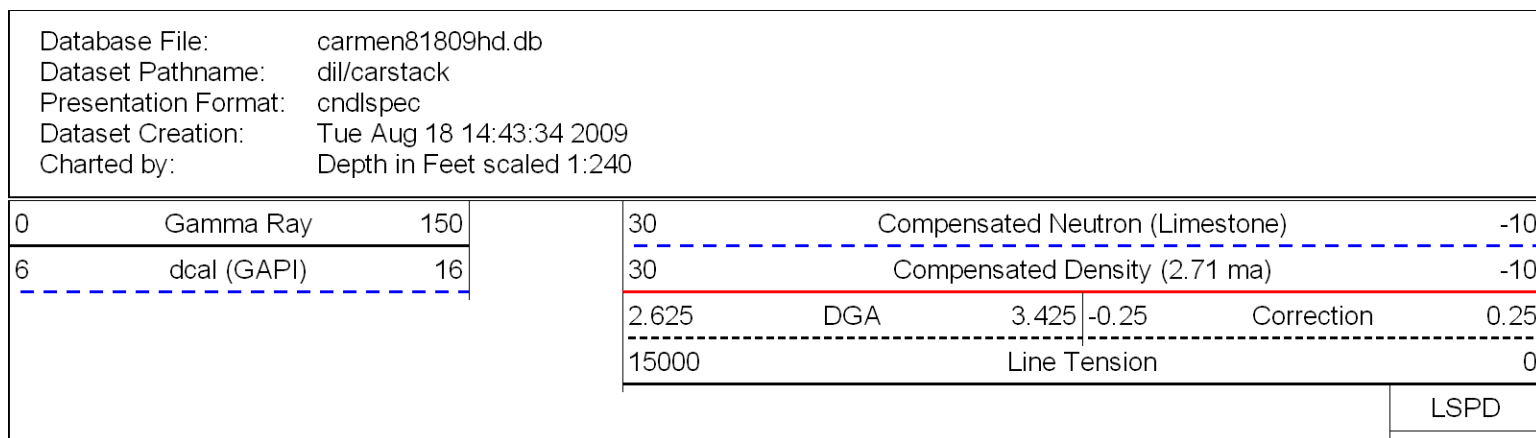
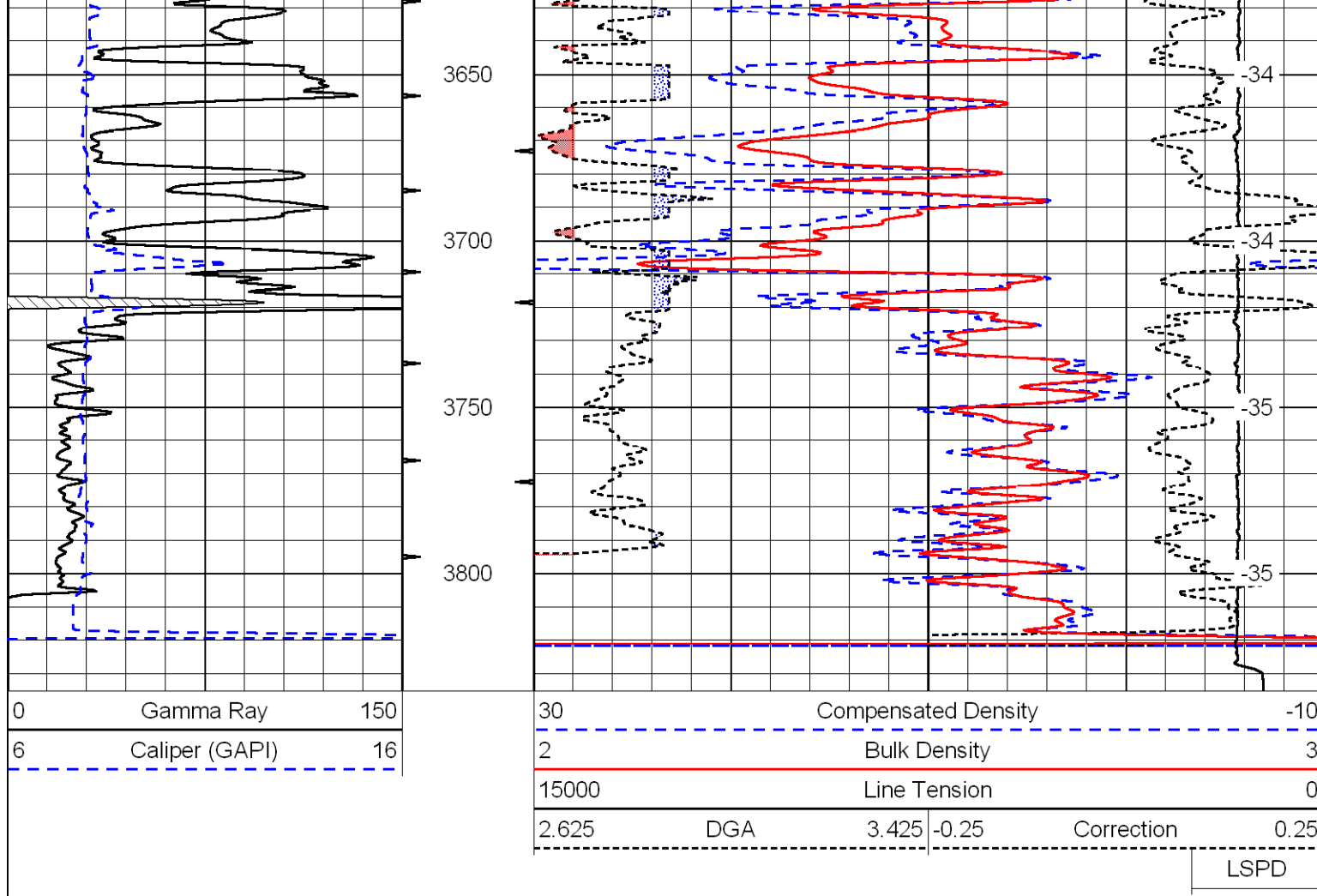
Ellis, N to County Line rd, 1 1/2 E (first rd north), 3/4 N, W into

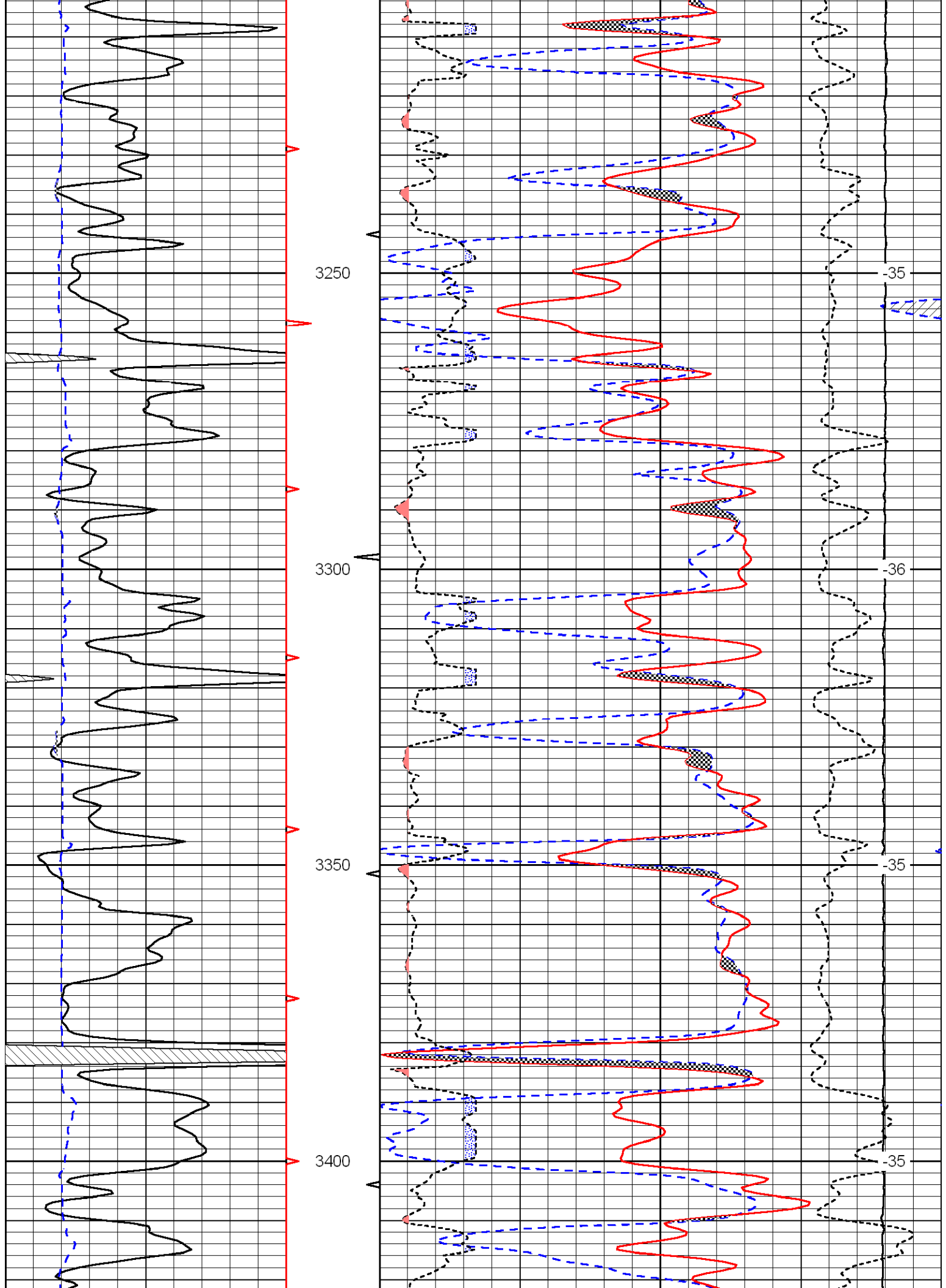
Database File: carmen81809hd.db
Dataset Pathname: dil/carstack
Presentation Format: cdl
Dataset Creation: Tue Aug 18 14:43:34 2009
Charted by: Depth in Feet scaled 1:600

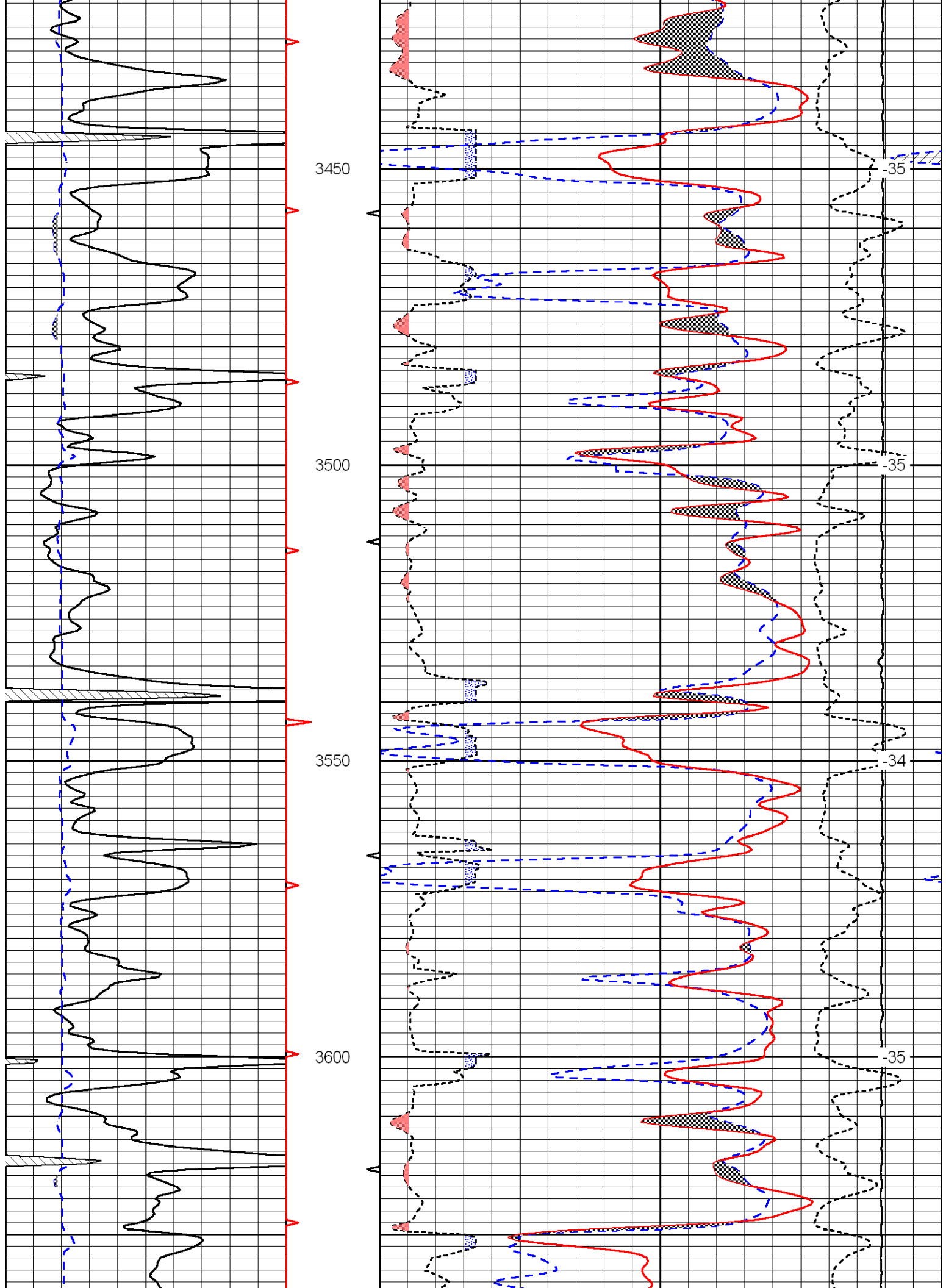
0	Gamma Ray	150
6	Caliper (GAPI)	16

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









[illegible]