



Pioneer Energy Services

Dual Compensated Porosity Log

15-053-21,283-00-00

Company **LB Exploration, Inc.**
Well **Jezek #4**
Field **Stoltenberg**
County **Ellsworth** State **Kansas**

Location
2310' FNL & 1155' FEL
Sec: 21 Twp: 16 S Rge: 10 W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 1862
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1875
D.F.
G.L. 1862

Date 3/5/2013

Run Number One

Type Log CNL / CDL

Depth Driller 3610

Depth Logger 3610

Bottom Logged Interval 3589

Top Logged Interval 2600

Type Fluid In Hole Chemical

Salinity, PPM CL 5000

Density 9.2

Level Full

Max. Rec. Temp. F 114

Operating Rig Time 4 1/2 Hours

Equipment -- Location 91 Days

Recorded By D. Martin

Witnessed By Steven Petermann

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
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1	12.25	00	668	8.625	24#	00	668
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2	7.875	668	3610				
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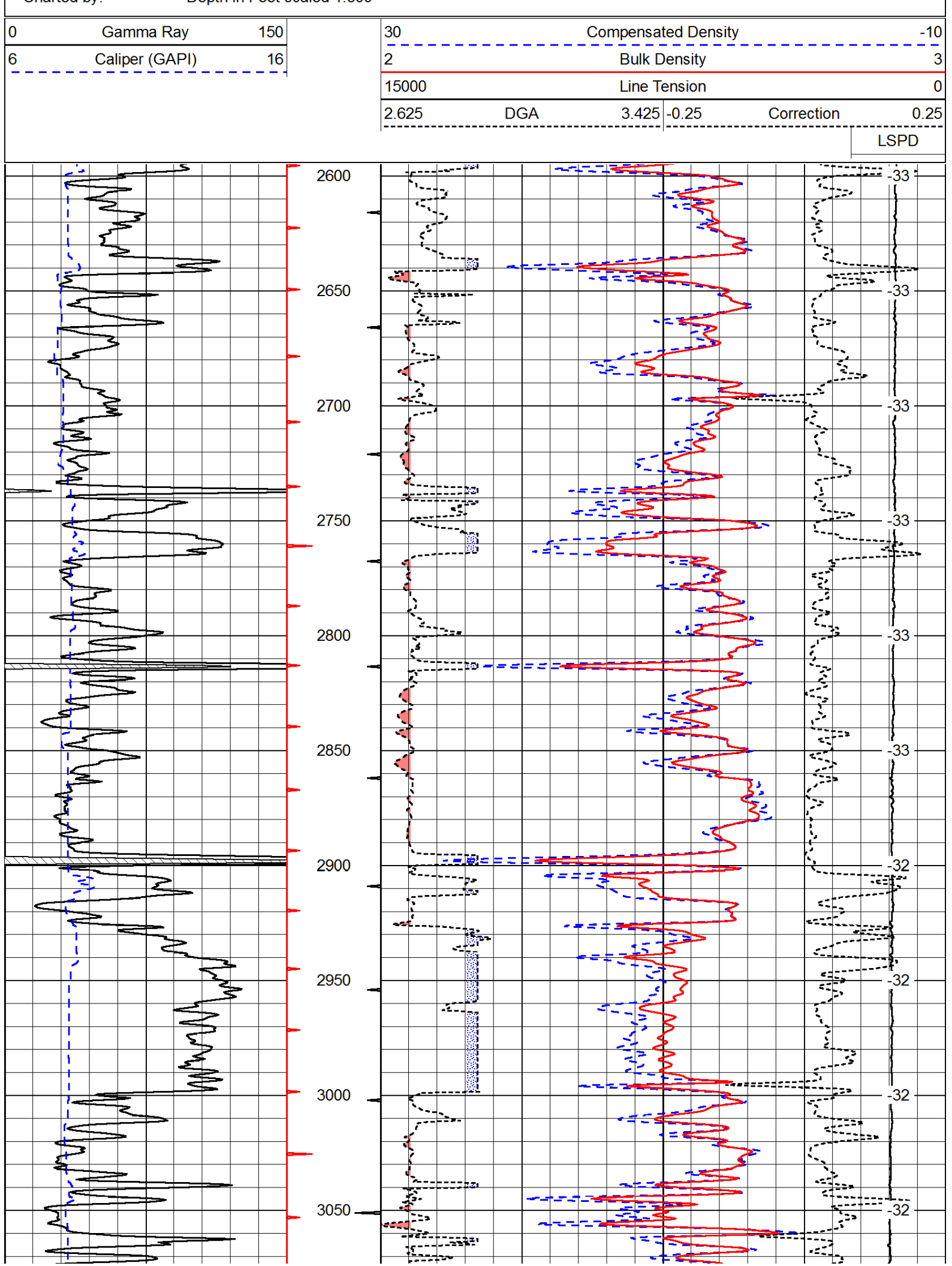
<<< Fold Here >>>

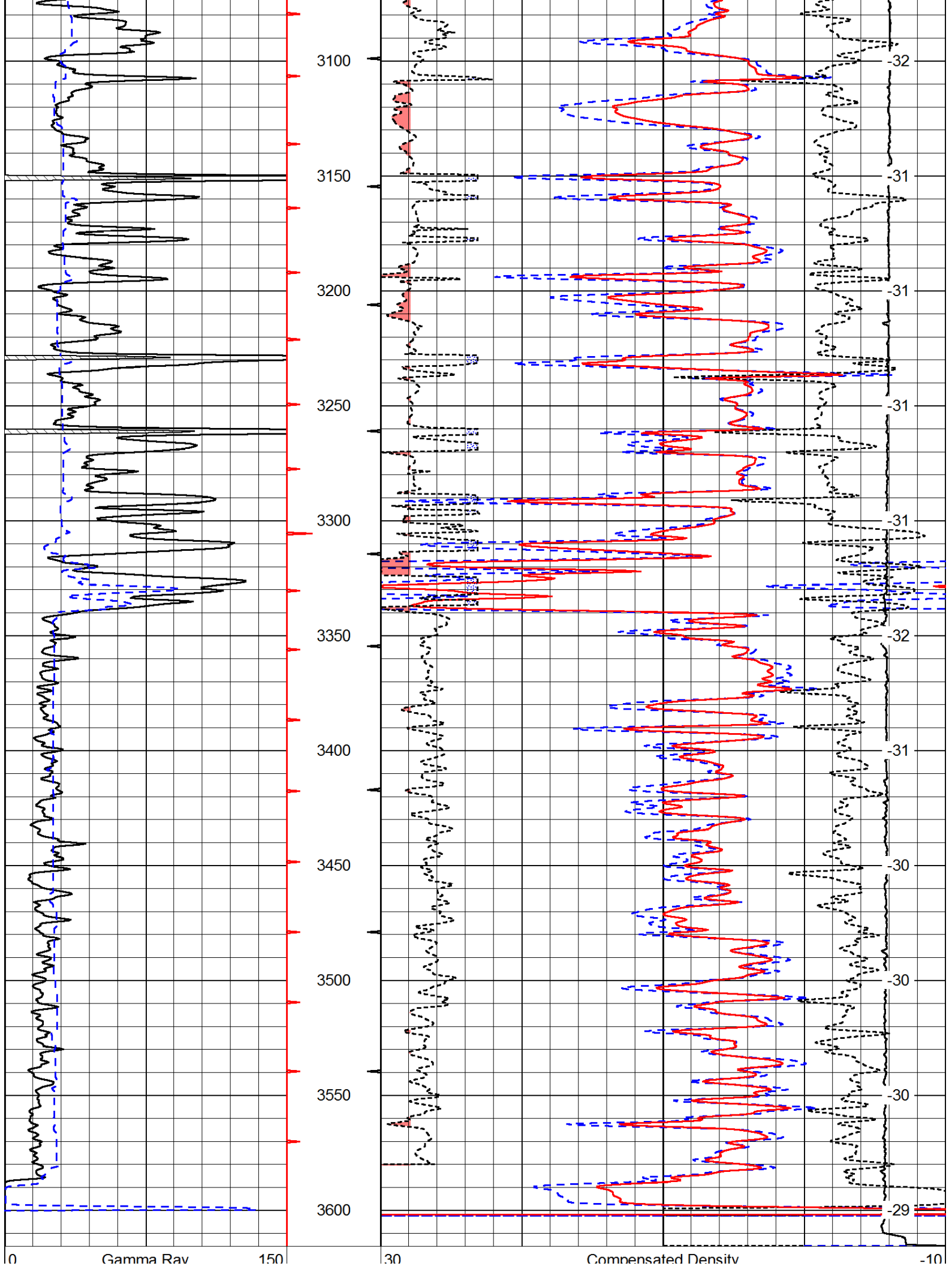
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Wilson, KS
S on Hwy 150 to P Rd.,
3 E to 4 Rd., 1/2 S to driveway,
W Into

Database File: c:\warrior\data\lb exploration_jezek #4\lbhd.db
Dataset Pathname: DIL\lbstk
Presentation Format: cdl
Dataset Creation: Tue Mar 05 17:55:21 2013
Charted by: Depth in Feet scaled 1:600





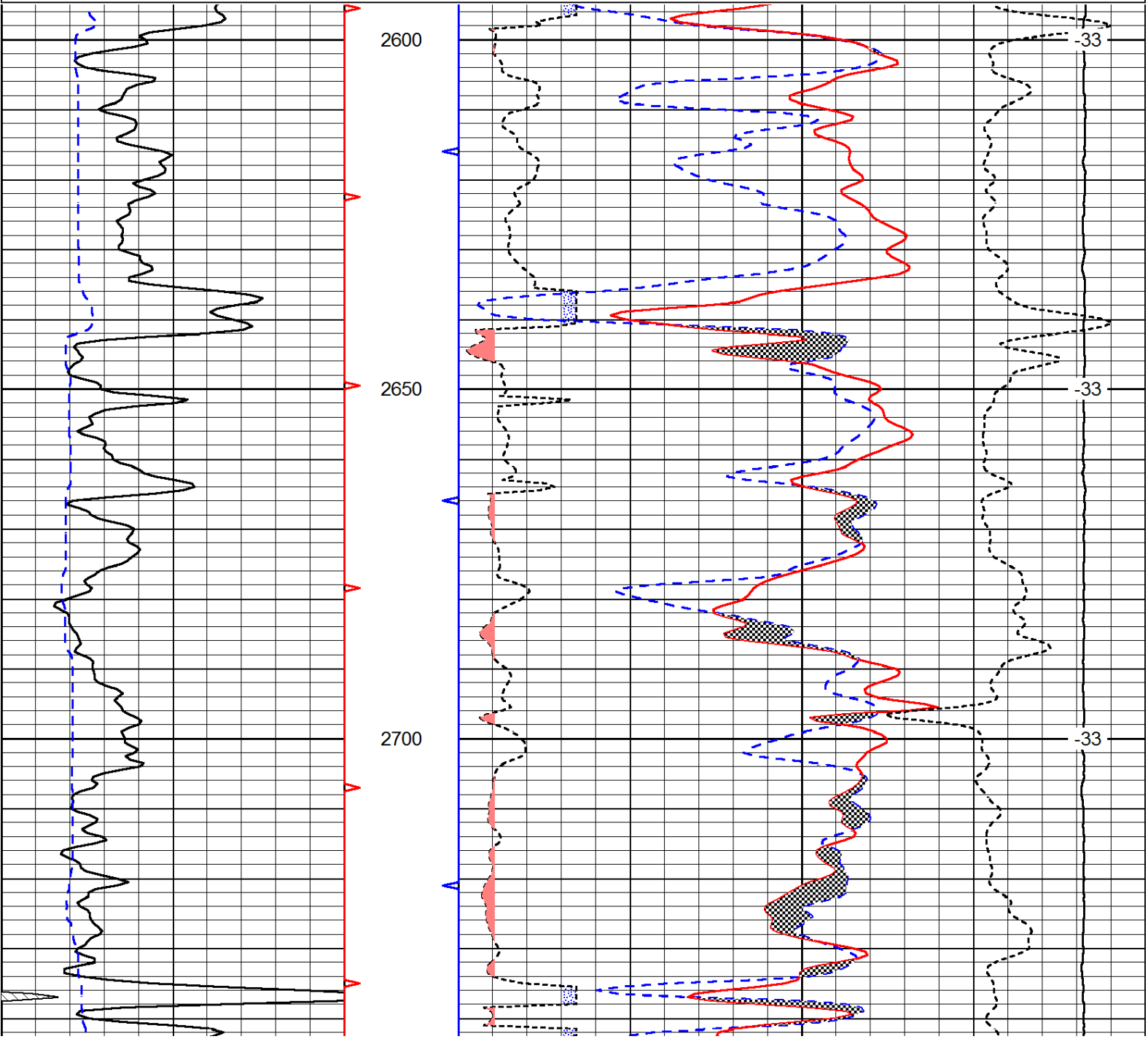
6	Caliper (GAPI)	16

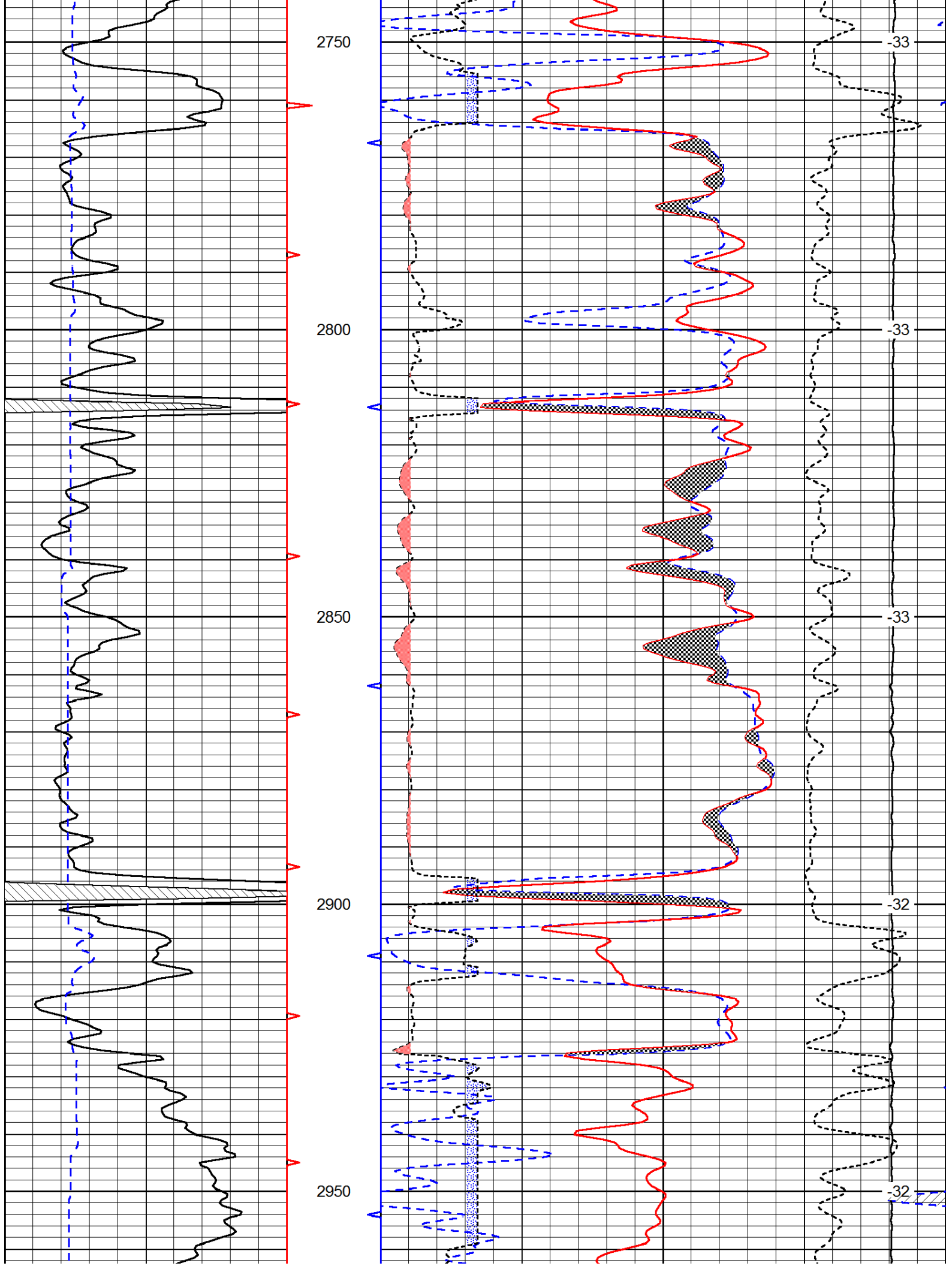
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			0.25
			LSPD

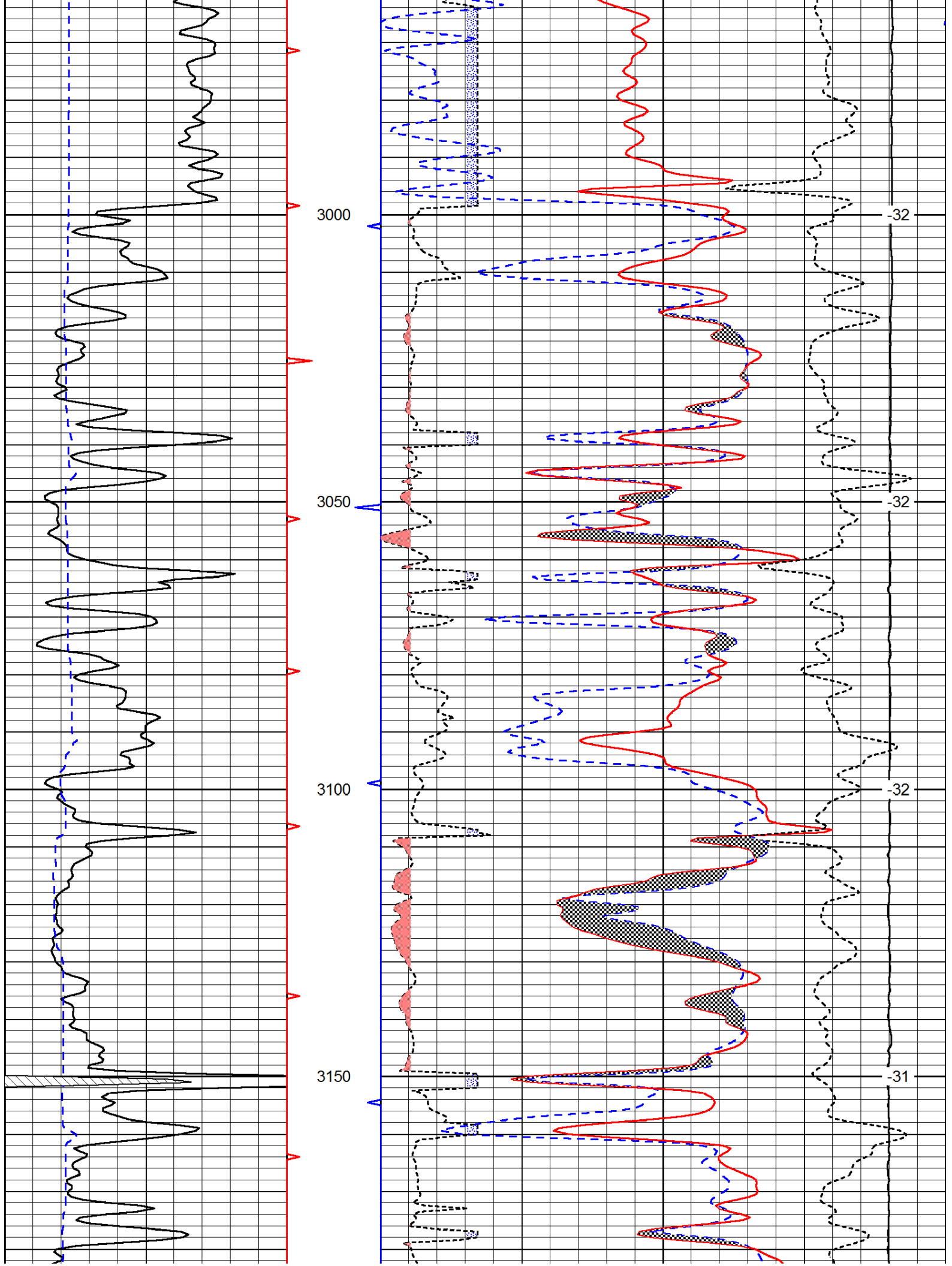
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Dataset Pathname:		DIL/lbstk	
Presentation Format:		cndlspec	
Dataset Creation:		Tue Mar 05 17:55:21 2013	
Charted by:		Depth in Feet scaled 1:240	

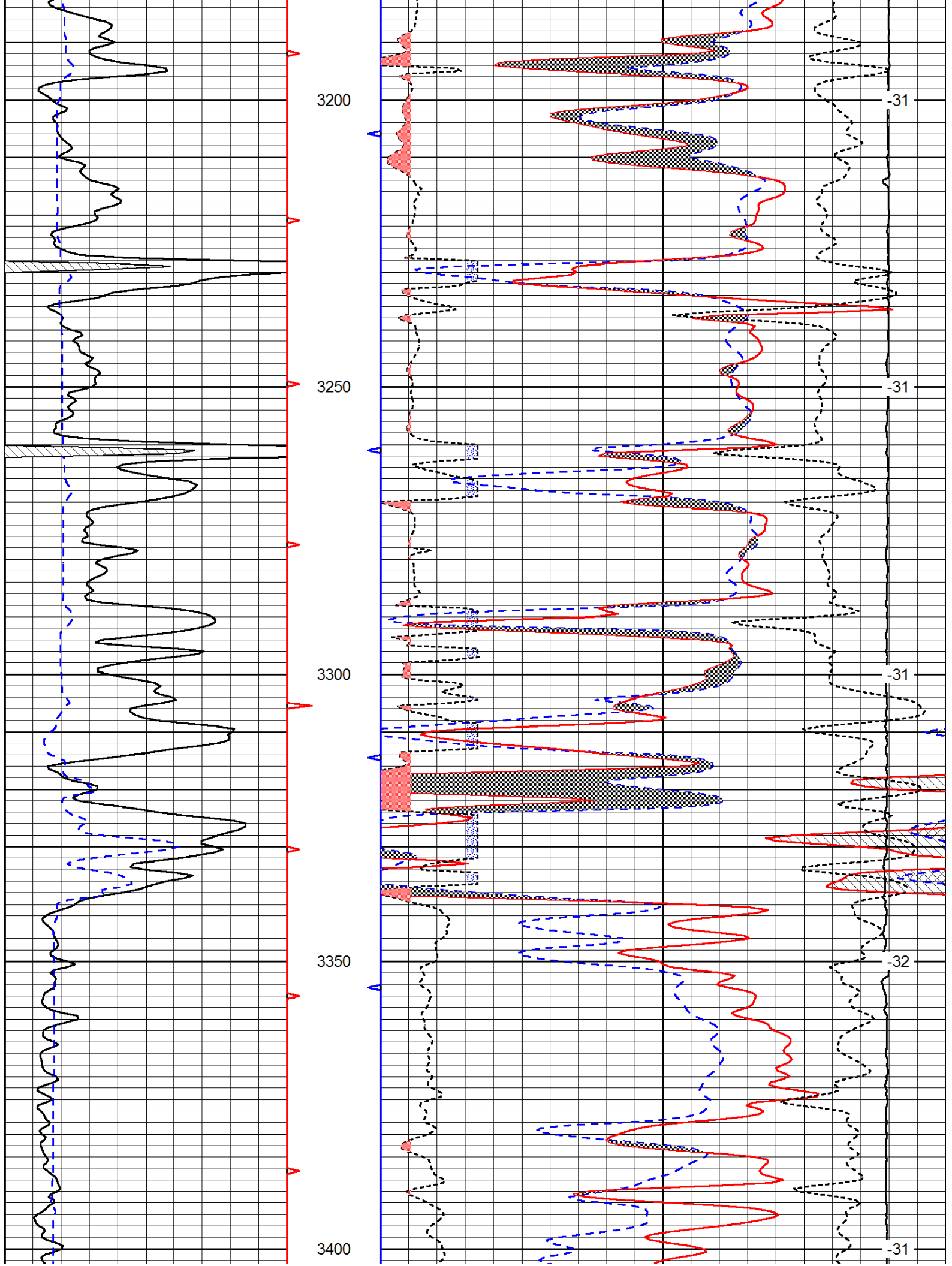
0	Gamma Ray	150
6	Caliper (GAPI)	16

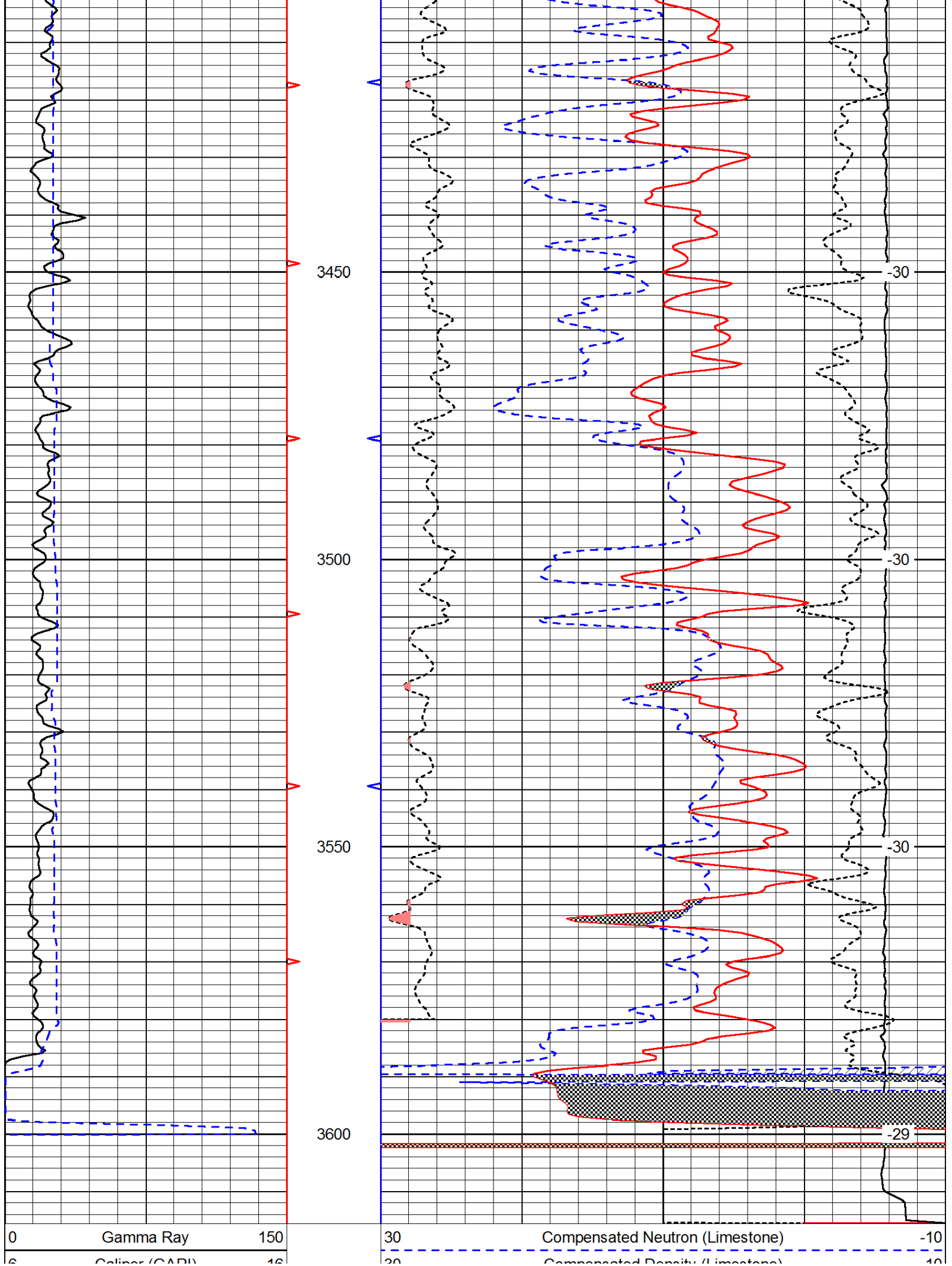
30	Compensated Neutron (Limestone)		-10
30	Compensated Density (Limestone)		-10
2.625	DGA	3.425	-0.25
			Correction
			0.25
15000	Line Tension		0
			LSPD











6	Caliper (GAPI)	10

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