



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,161-00-00

Company Larson Engineering, Inc.

Well Whiting No. 2-31

Field Wildcat

County Lane State Kansas

Location 552' FSL & 629' FEL

Sec: 31

Twp: 18S

Rge: 30W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2897

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 2902
D.F.
G.L. 2897

Date 03/27/2009

Run Number One

Type Log CNL / CDL

Depth Driller 4640

Depth Logger 4642

Bottom Logged Interval 4621

Top Logged Interval 3800

Type Fluid In Hole Chemical

Salinity, PPM CL 1,300

Density 9.4

Level Full

Max. Rec. Temp. F 124

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By Jason Wellbrock

Witnessed By Steve Davis

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	258	8.625	24#	00	258
2	7.875	258	4640				

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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

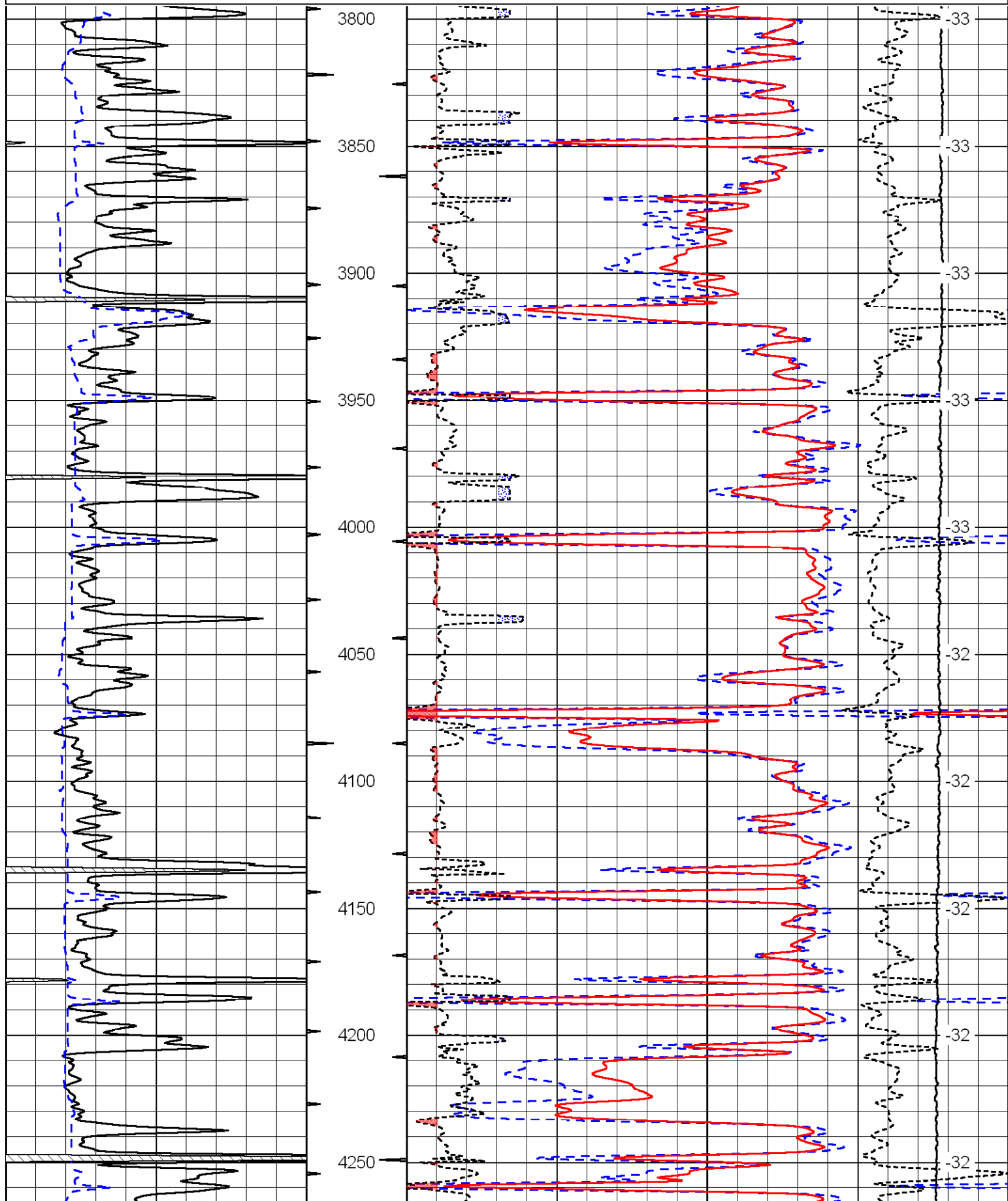
Thank you for using Log-Tech, Inc.
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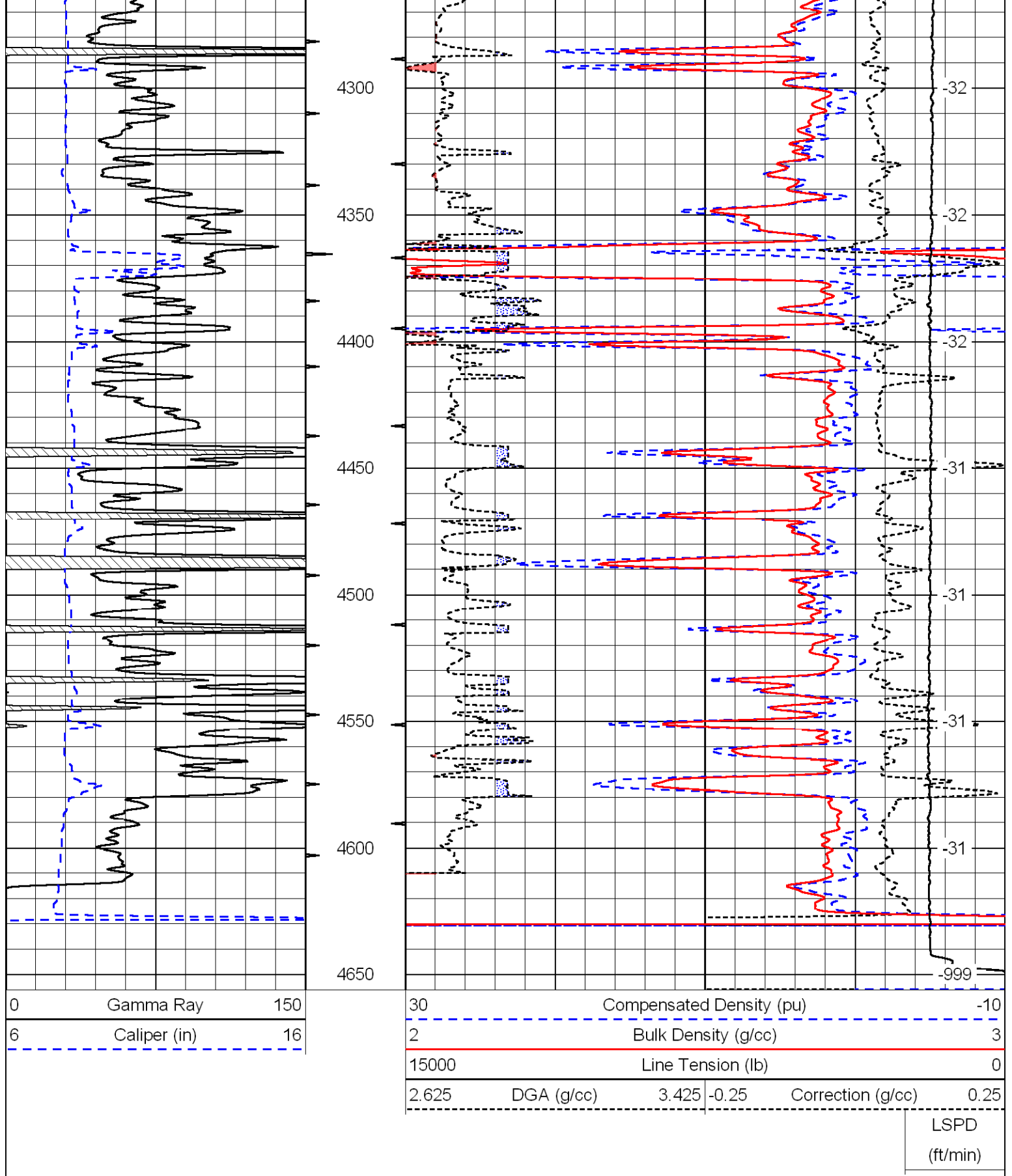
Dighton 10W, 3 S, 1 W, N 1/4, W Into

Database File: c:\warrior\data\larson_whiting no. 2-31\larshd.db
Dataset Pathname: dil\lar2in
Presentation Format: cdl
Dataset Creation: Fri Mar 27 07:23:14 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)



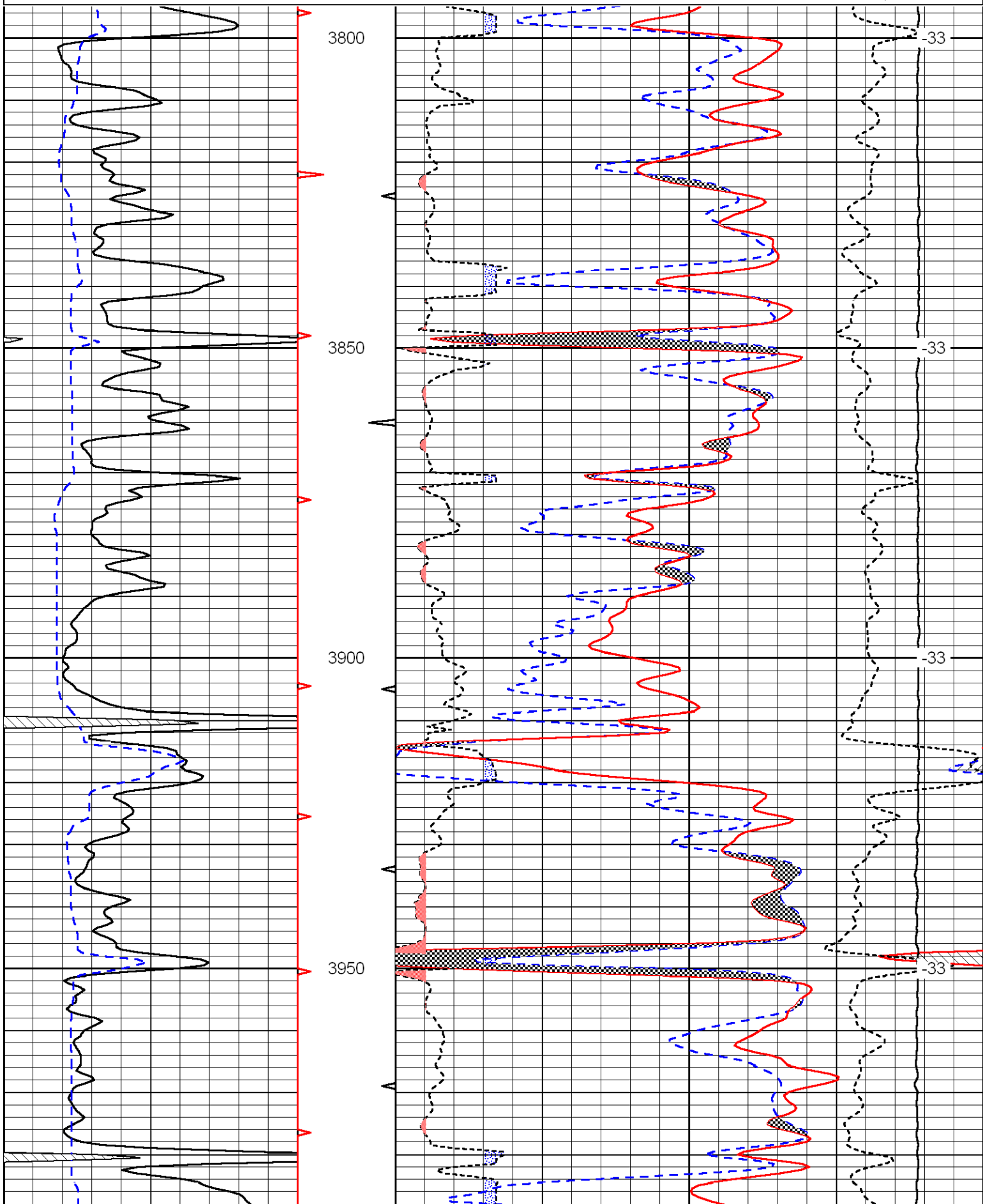


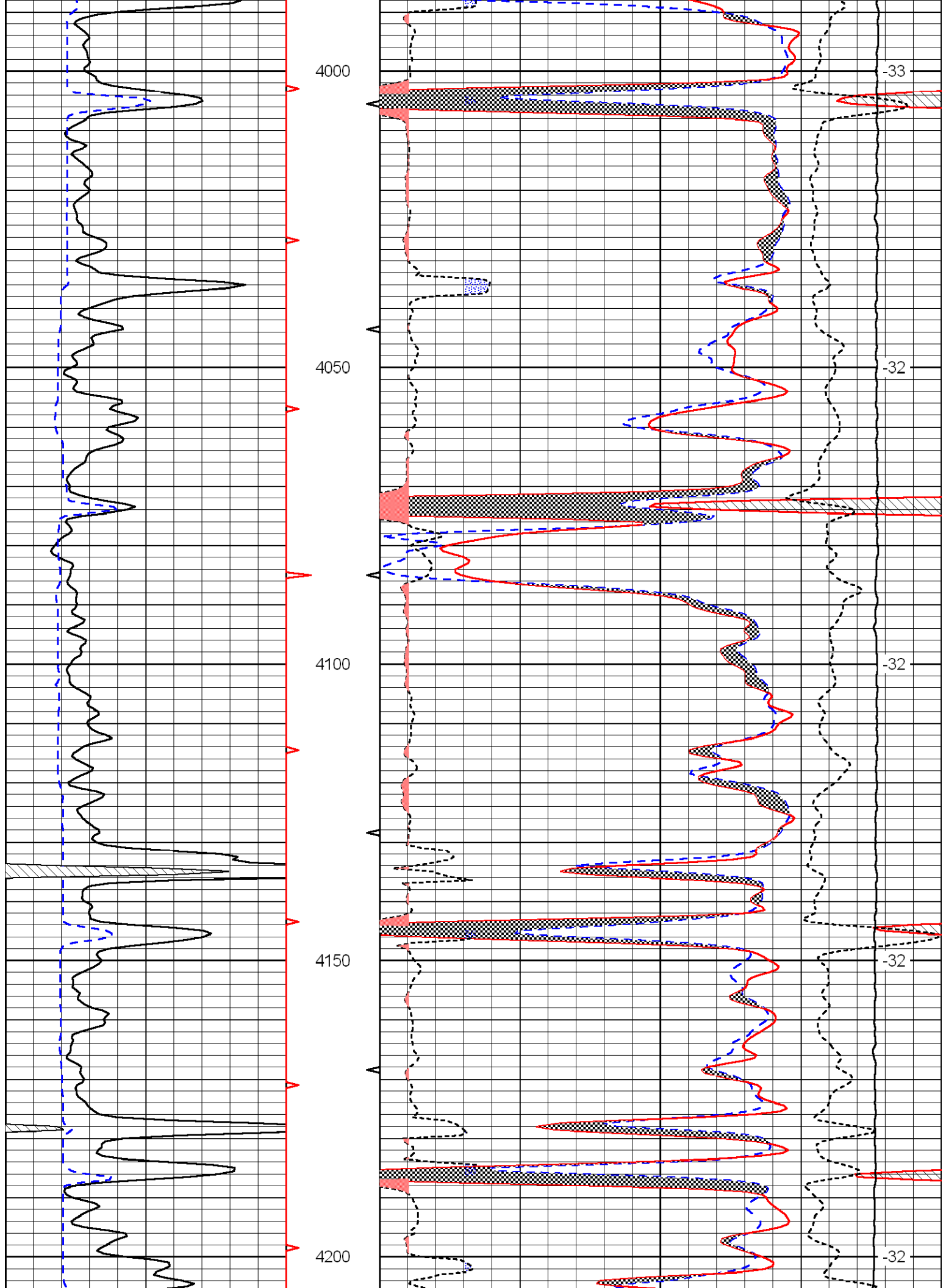
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Charted by: Depth in Feet scaled 1:240

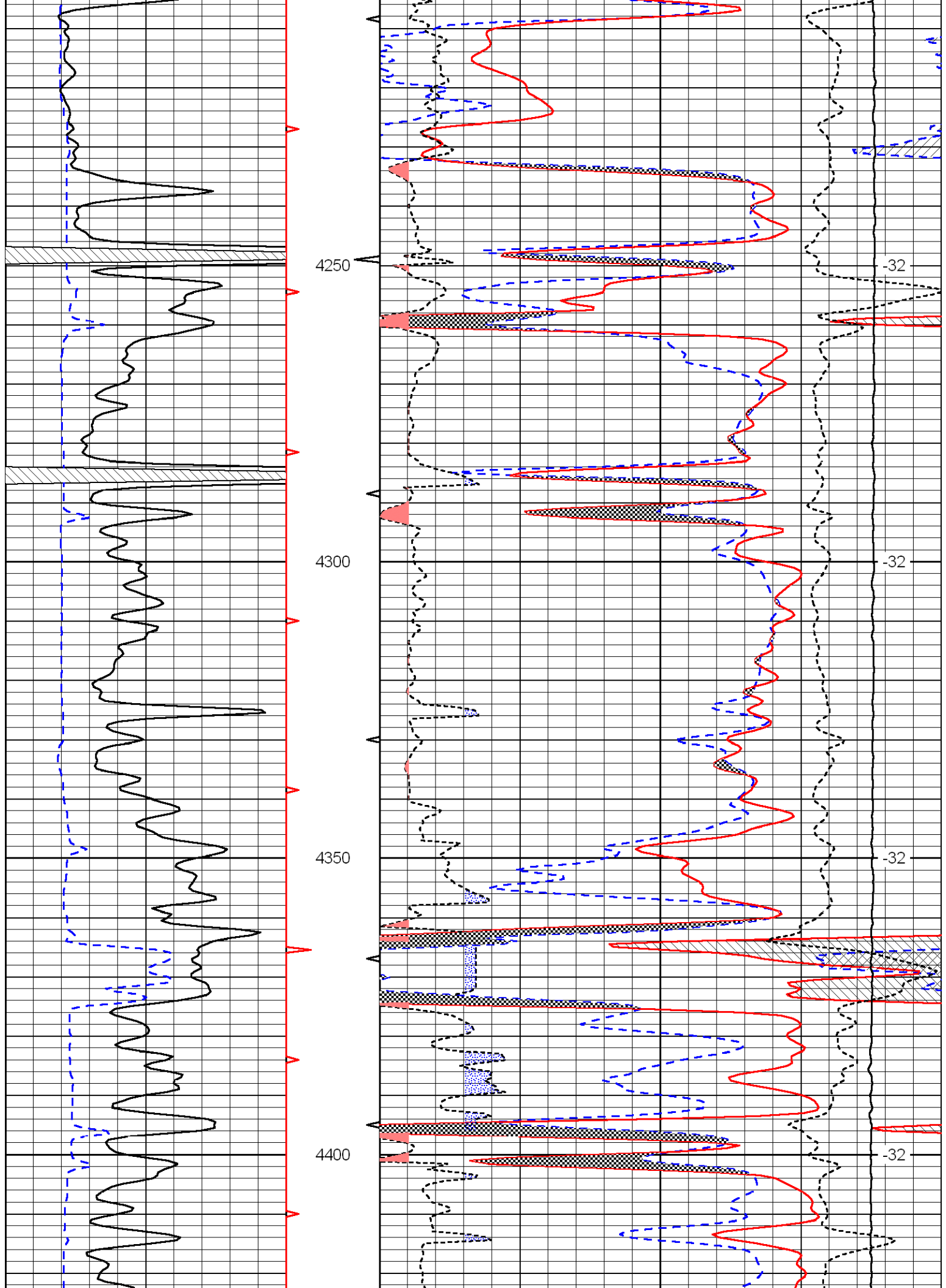


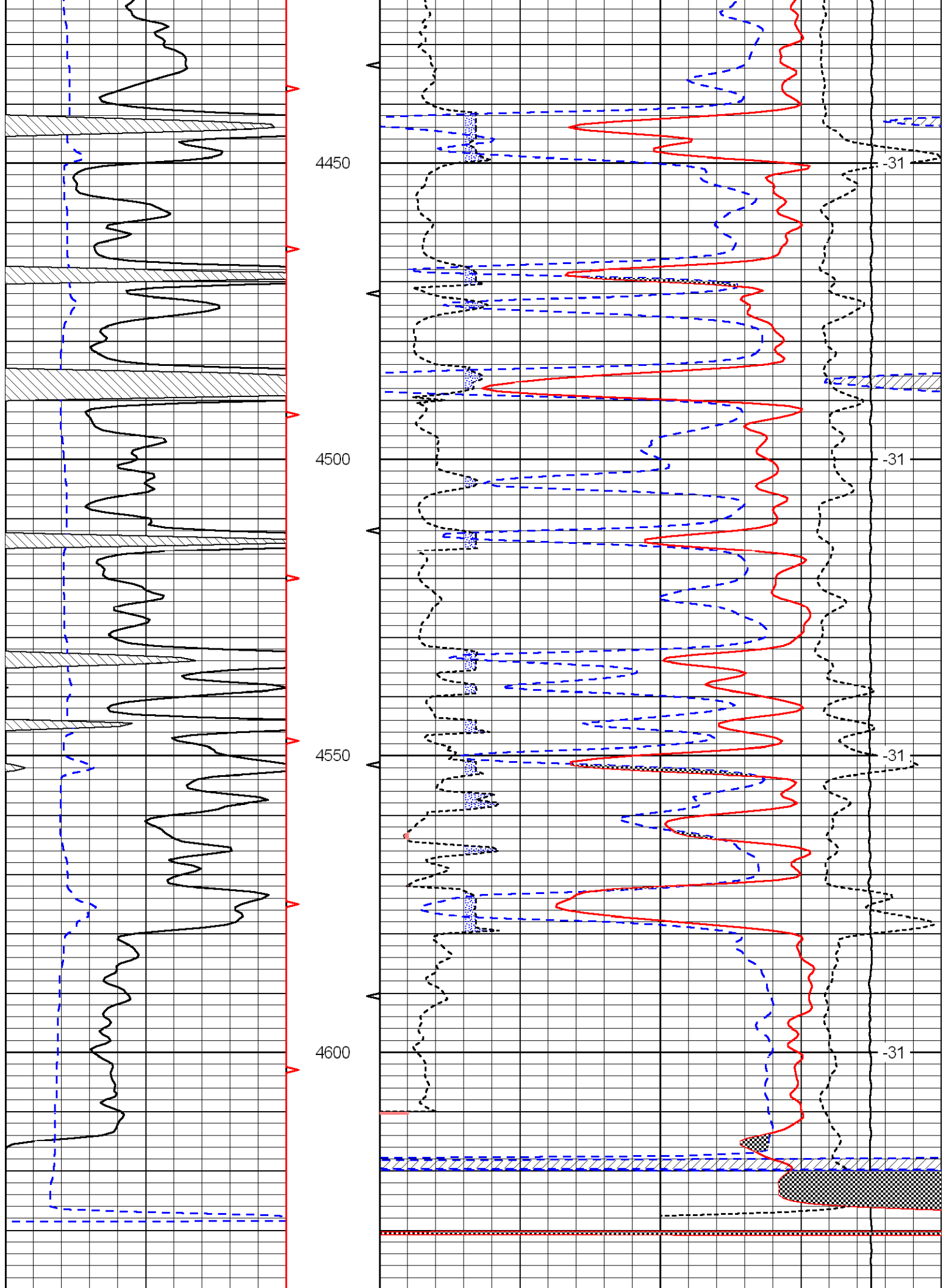
6	Caliper (in)	16
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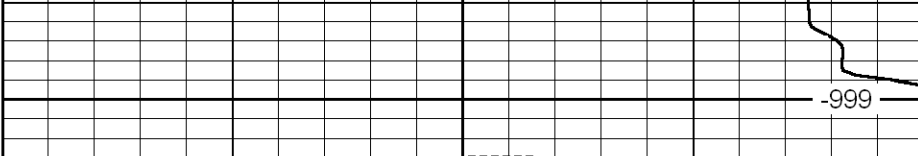
30	Compensated Density (2.71 ma) (pu)				-10
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
15000	Line Tension (lb)				0
					LSPD (ft/min)









			4650					
0	Gamma Ray	150						
6	Caliper (in)	16						
			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)	