



# Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-101-22,248-00-00

Company Larson Engineering, Inc.  
Well Cairns No.1-21  
Field Wildcat  
County Lane State Kansas

Location NE NE NW  
330' FNL & 2310' FEL

Sec: 21 Twp: 17S Rge: 28W

Other Services  
DIL  
MEL

Permanent Datum Ground Level Elevation 2758  
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 2765  
D.F.  
G.L. 2758

Date 8/22/2010

Run Number One

Type Log CNL / CDL

Depth Driller 4625

Depth Logger 4624

Bottom Logged Interval 4603

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 1,900

Density 9.4

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 4 Hours

Equipment -- Location 15 Hays

Recorded By C. Desaire

Witnessed By Bob Lewellyn

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	256	8.625	24#	00	256
2	7.875	256	4625				

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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.

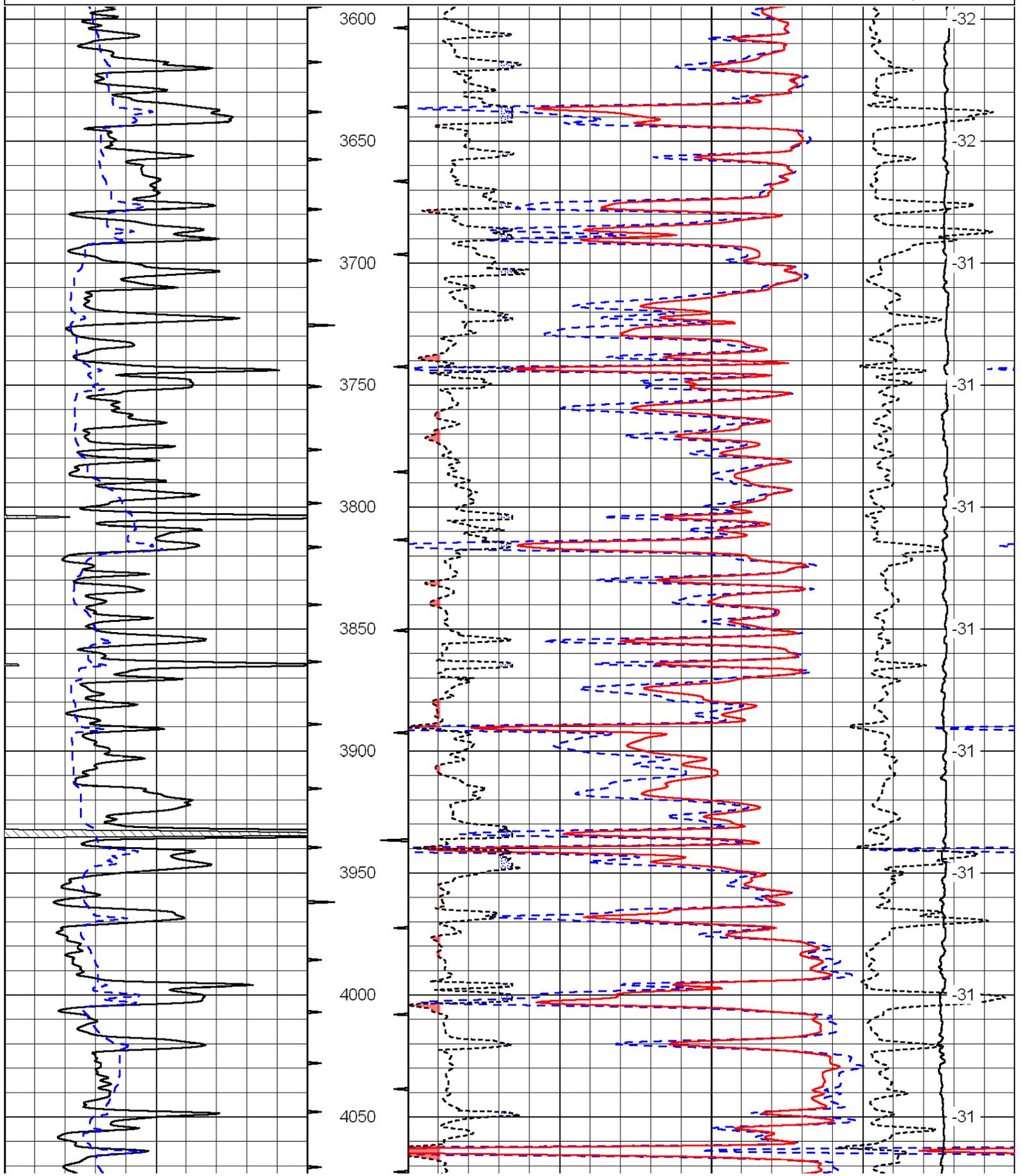
Comments

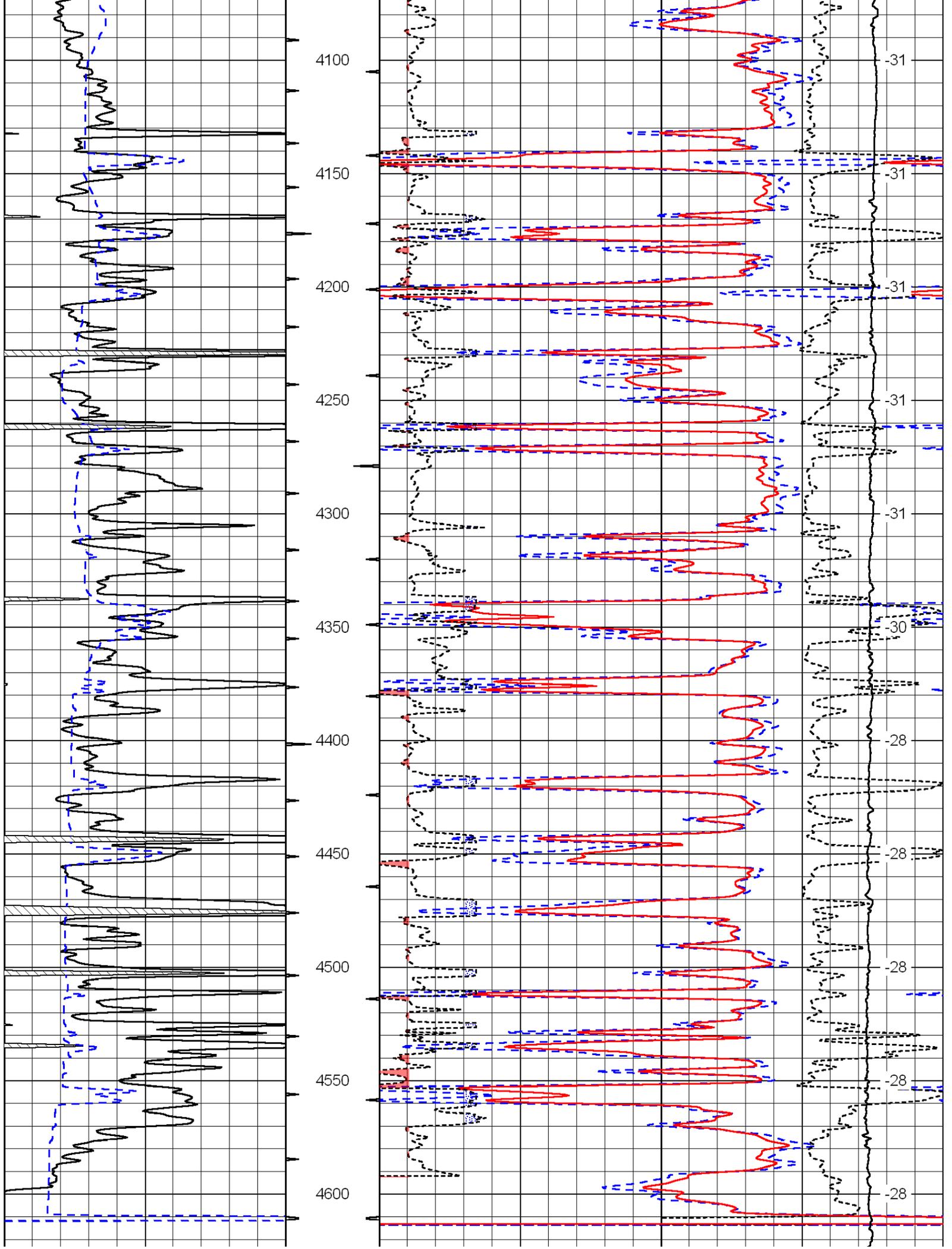
Thank you for using Log-Tech, Inc.  
(785) 625-3858

Dighton, 5 N to 200 Rd,  
1 E, 1 N, 1 1/2 E Into

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			

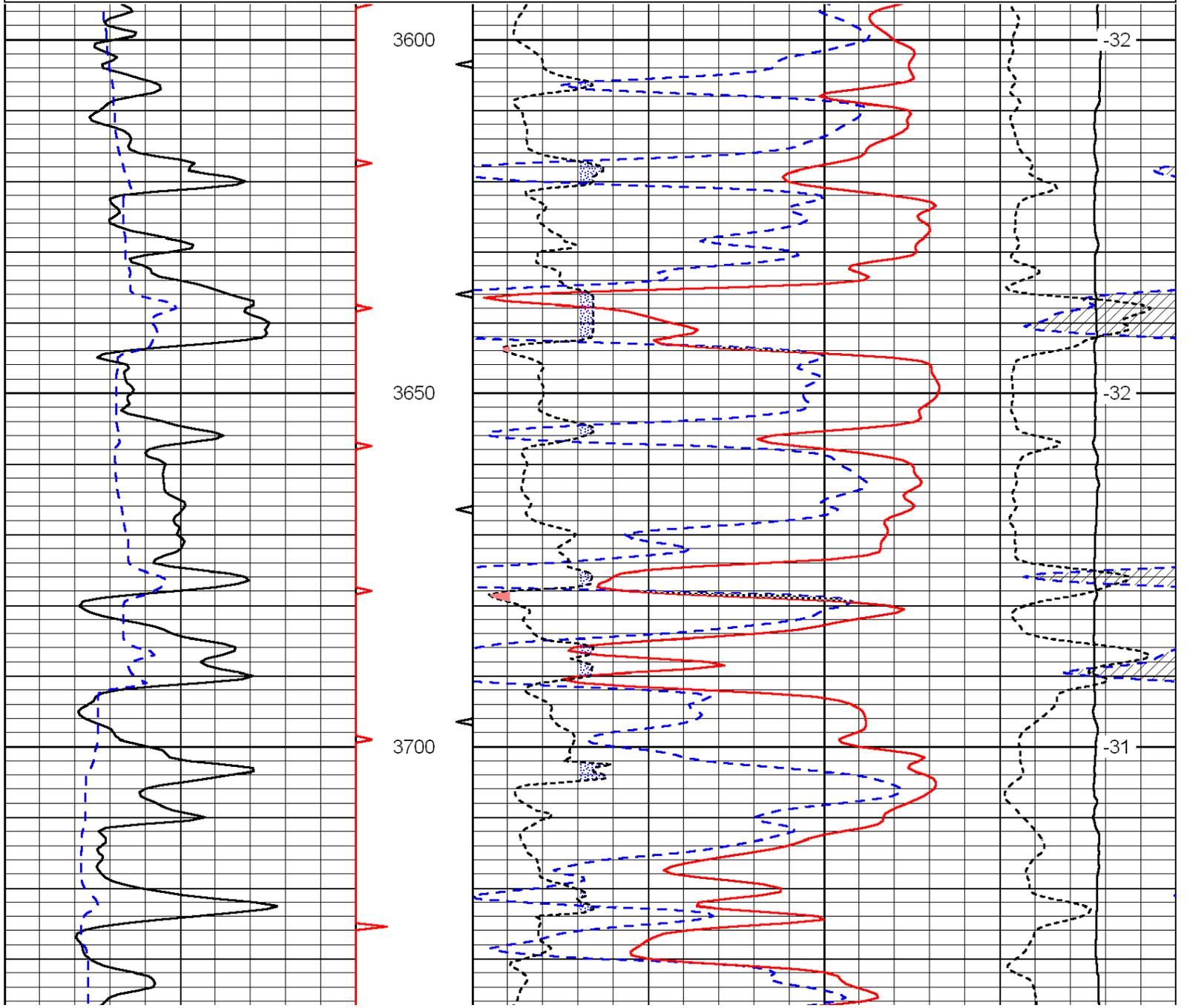


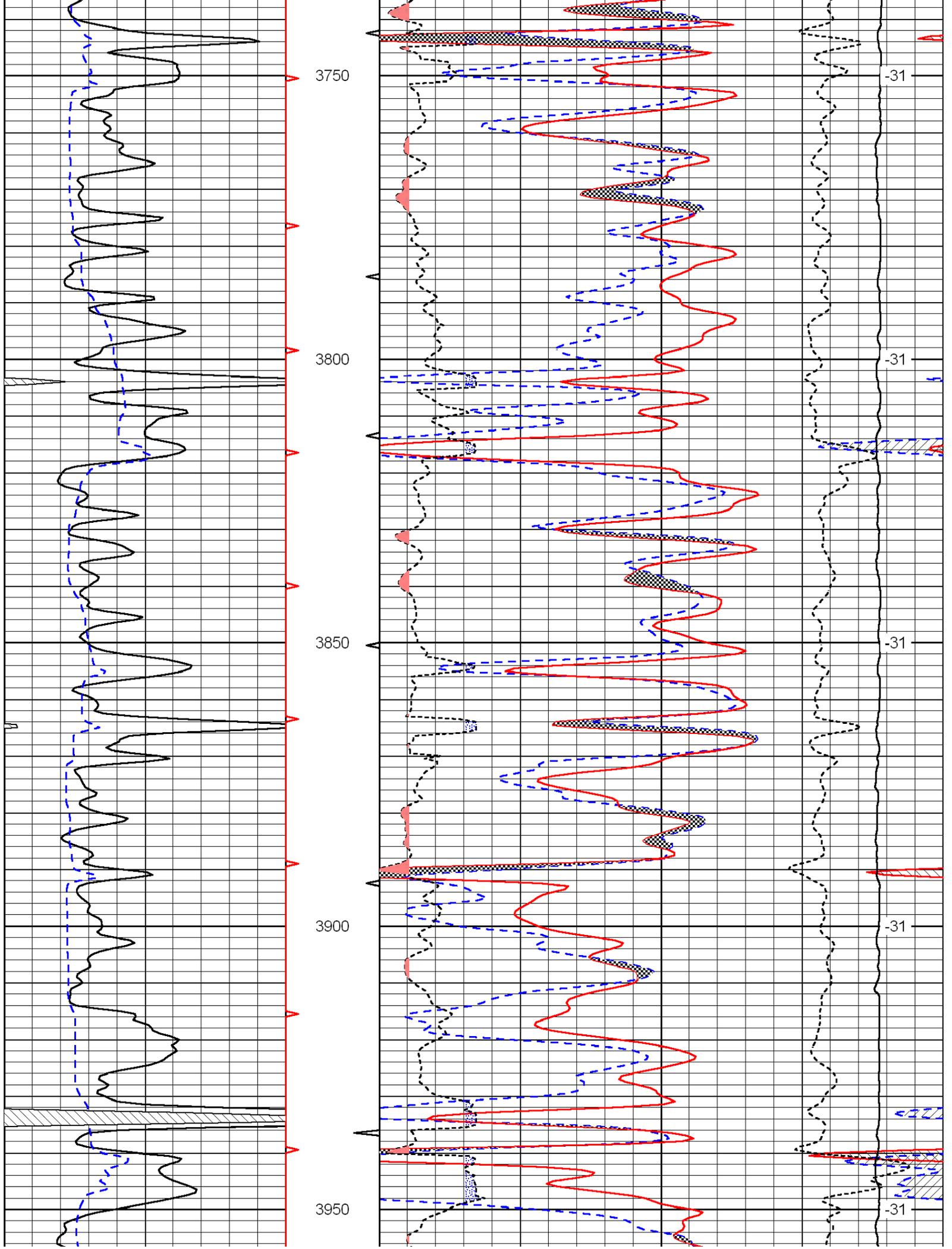


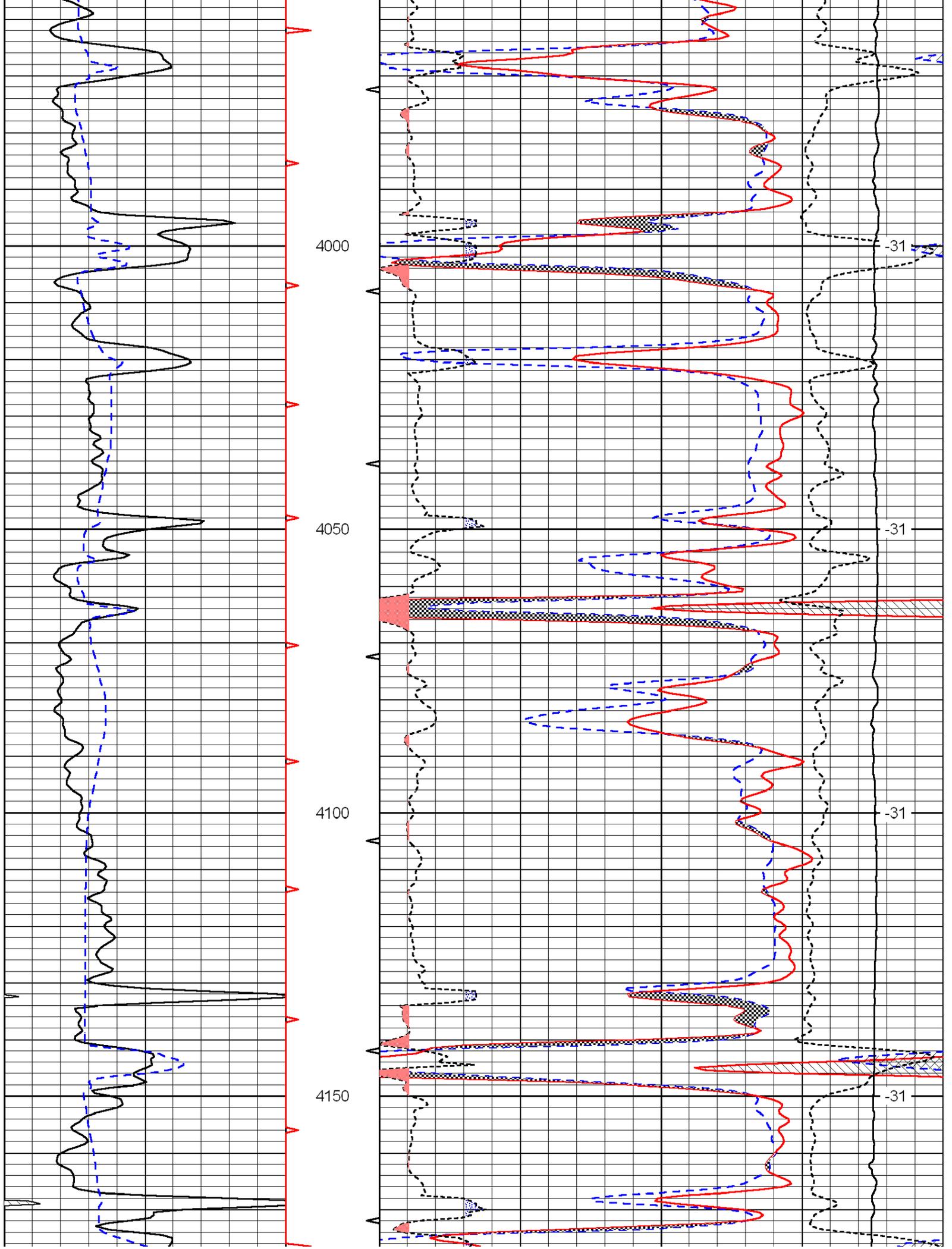
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6	Caliper (GAPI)	16	2	Bulk Density			3
			15000	Line Tension			0
			2.625	DGA	3.425	-0.25	Correction 0.25
							LSPD

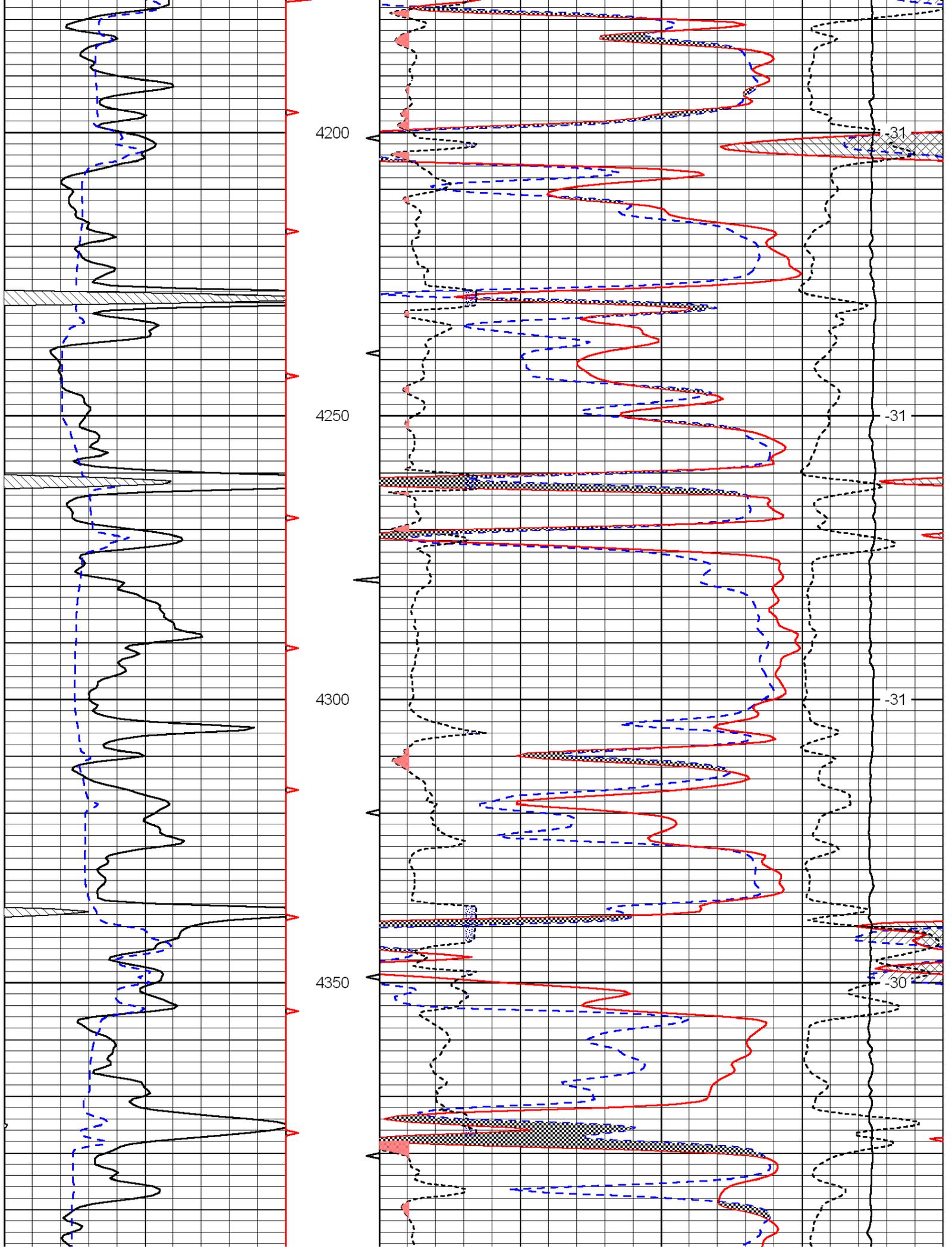
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 Presentation Format: cndlspec  
 Dataset Creation: Mon Aug 23 00:58:33 2010  
 Charted by: Depth in Feet scaled 1:240

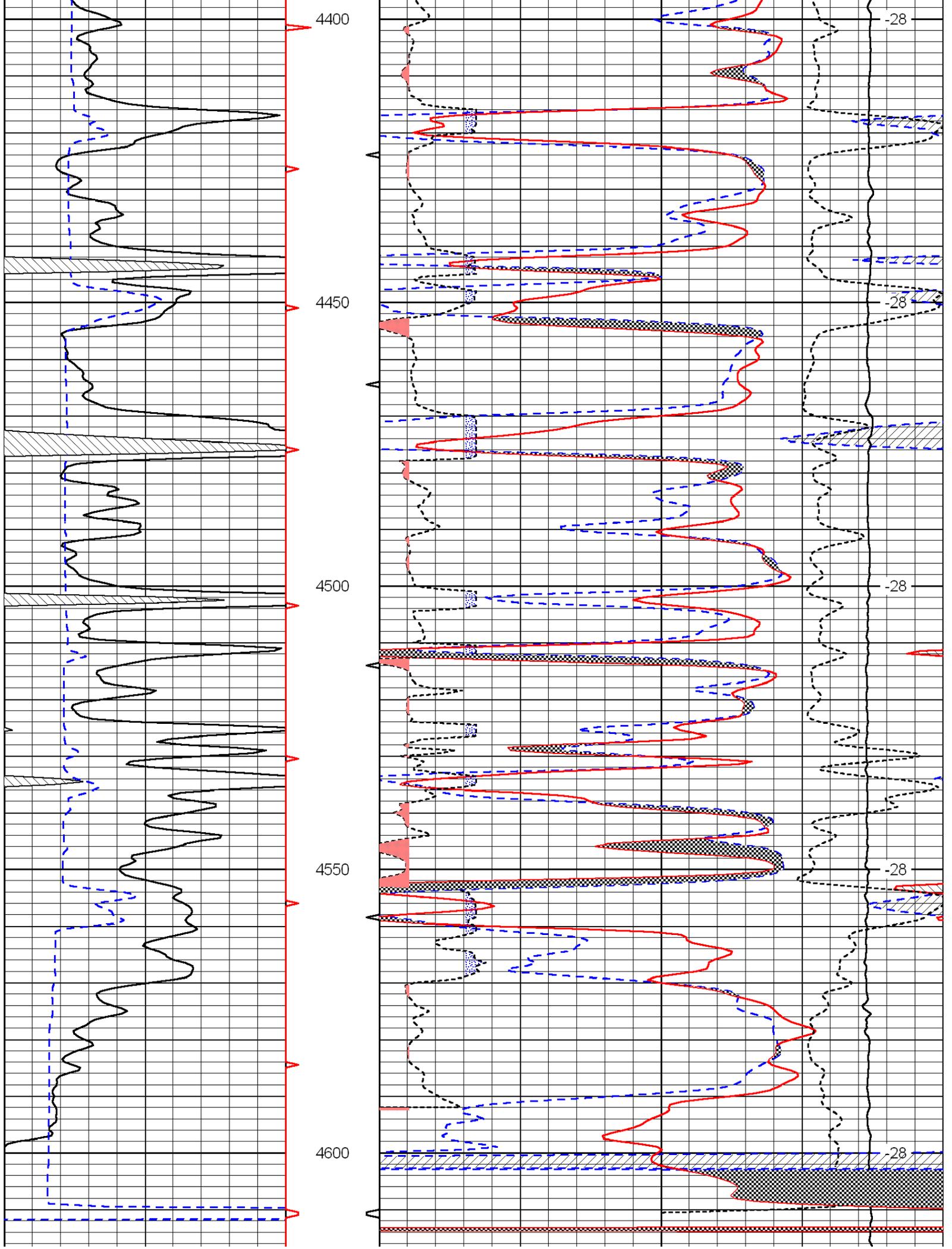
0	Gamma Ray	150	30	Compensated Neutron (Limestone)			-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)			-10
			2.625	DGA	3.425	-0.25	Correction 0.25
			15000	Line Tension			0
							LSPD

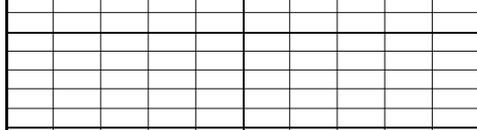






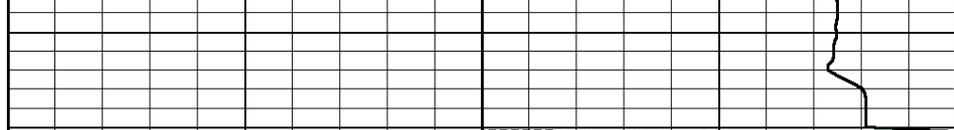






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30	Compensated Neutron (Limestone)	-10
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30	Compensated Density (2.71 ma)	-10
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2.625	DGA	3.425	-0.25	Correction	0.25
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15000	Line Tension	0
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LSPD
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