LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-203-20,162-00-00

Company Raymond Oil Company, Inc.

Well Holstein No. 1

Field Wildcat

County Wichita State Kansas

Location NE - NE - SW - NW
1503' FNL & 1124' FWL

Sec: 12 Twp: 20 S Rge: 36 W

Other Services
DIL
MEL

Elevation	
K.B.	3204
D.F.	
G.L.	3195

Permanent Datum	Ground Level	Elevation 3195	
Log Measured From	Kelly Bushing	9	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Date	5/31/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	5183
Depth Logger	5193
Bottom Logged Interval	5172
Top Logged Interval	3400
Type Fluid In Hole	Chemical
Salinity, PPM CL	8,200
Density	9.3
Level	Full
Max. Rec. Temp. F	128
Operating Rig Time	5 Hours
Equipment -- Location	15 Hays
Recorded By	B. Becker
Witnessed By	Max Lovely

Borehole Record

Run No.	Bit	From	To
1	12.25	00	255
2	7.875	255	5183

Casing Record

Size	Wgt.	From	To
8.625	24#	00	255

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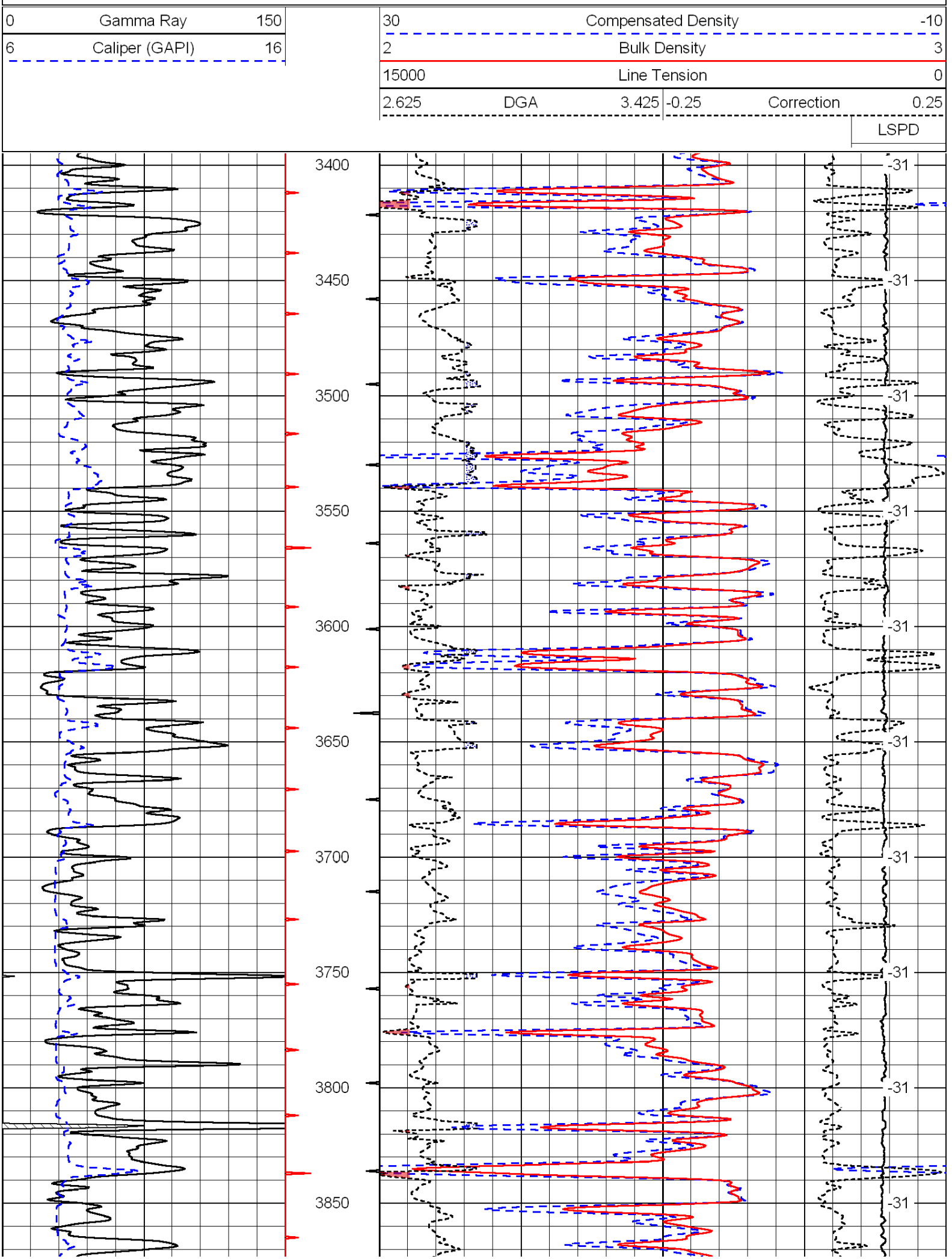
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

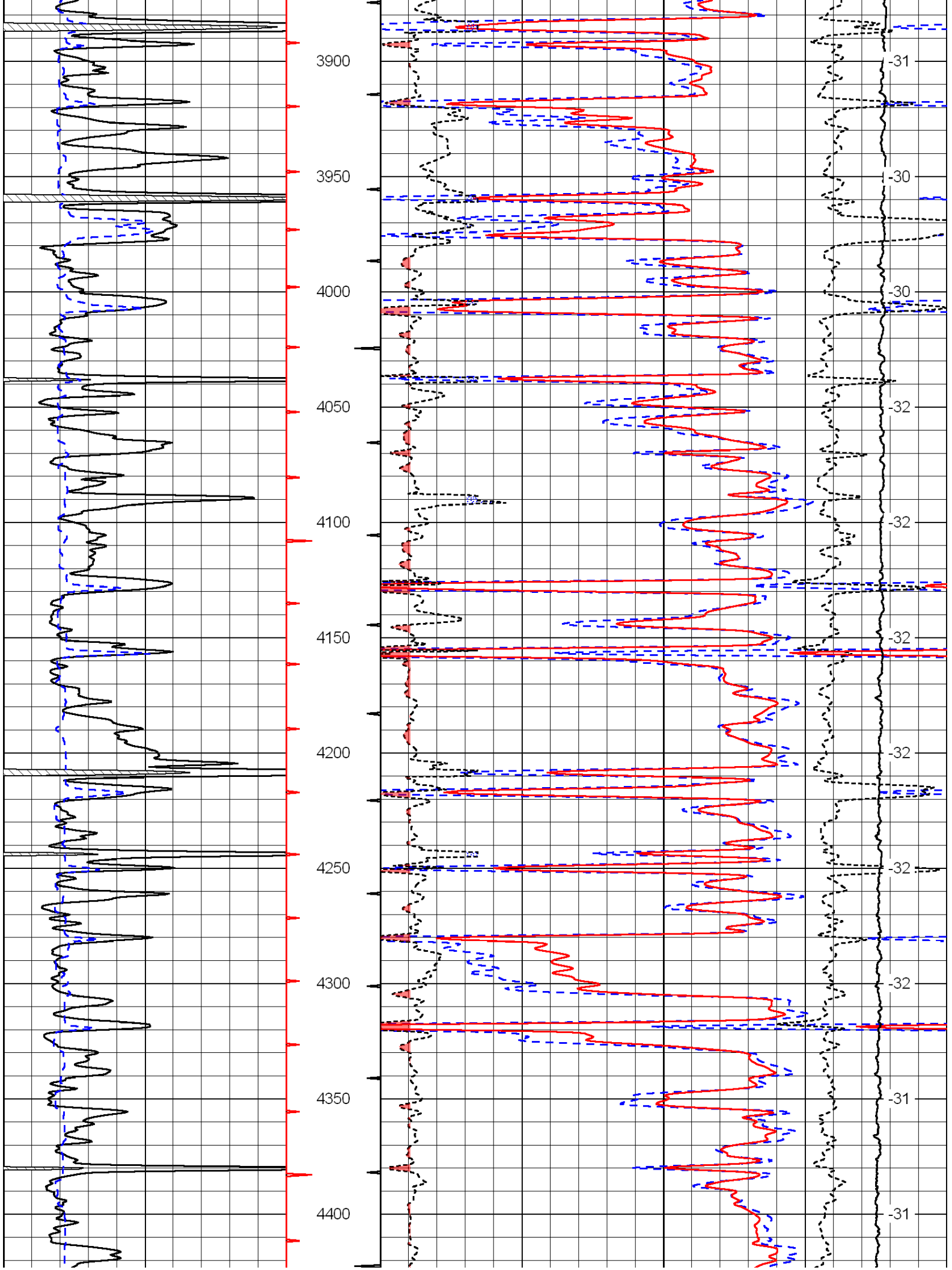
Comments

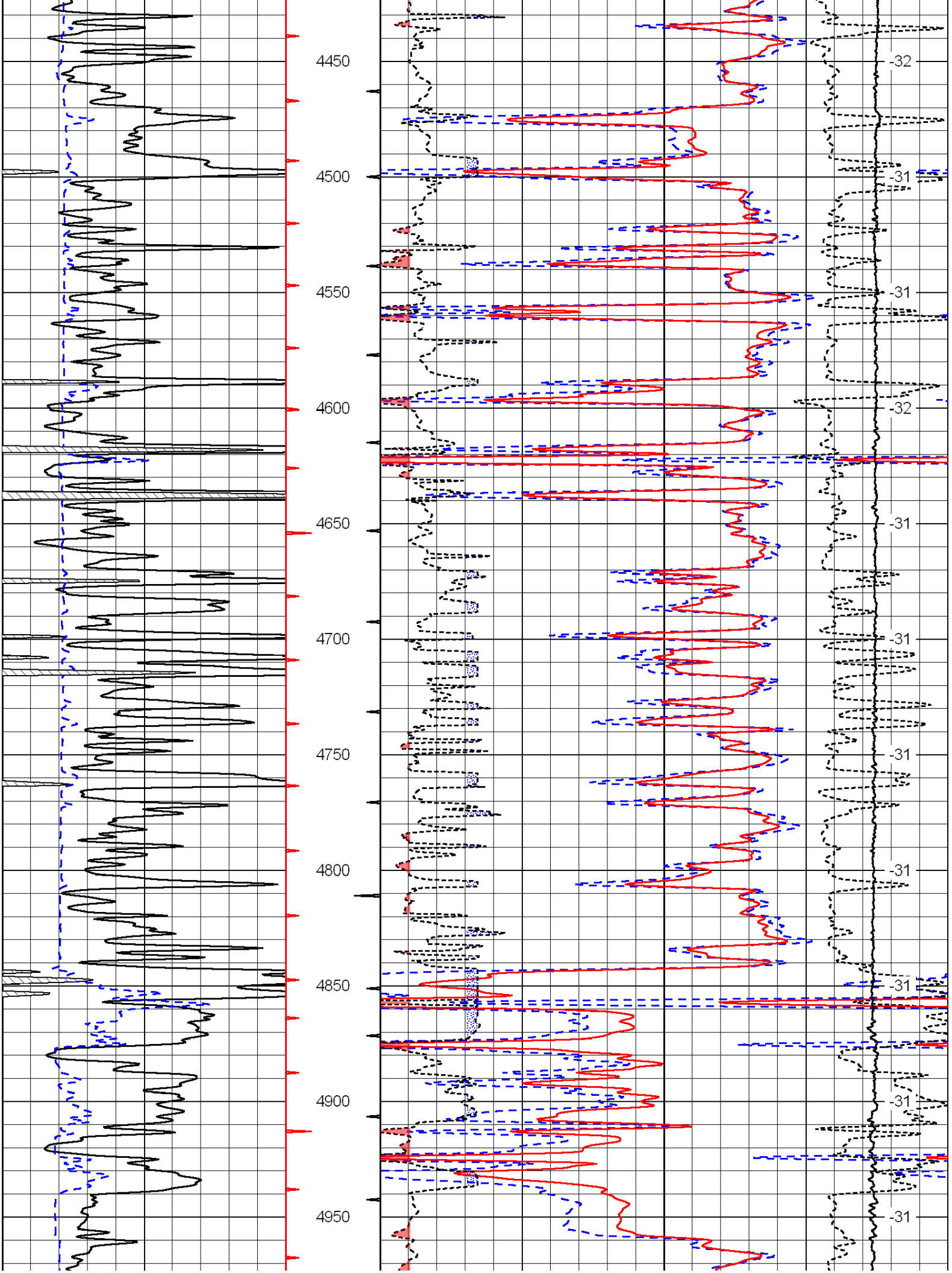
Thank you for using Log-Tech, Inc.
(785) 625-3858

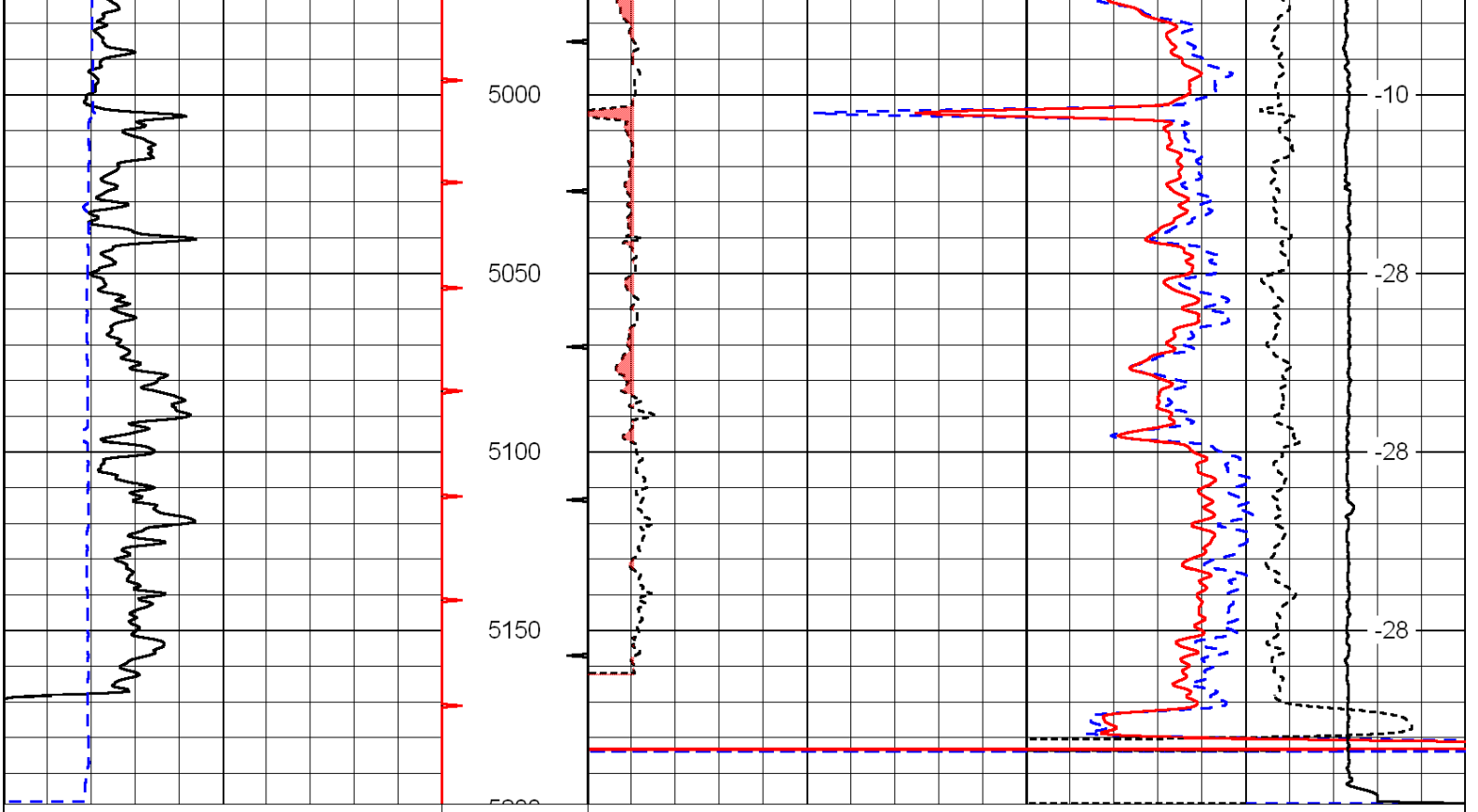
Marienthal, Ks;
10 South; 2 West;
1/2 South; East Into

Database File:	c:\warrior\data\raymond_holstein no. 1\raymondhd.db
Dataset Pathname:	DIL/raystk
Presentation Format:	cdl
Dataset Creation:	Tue May 31 09:54:50 2011
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
3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
-31


3900
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4000
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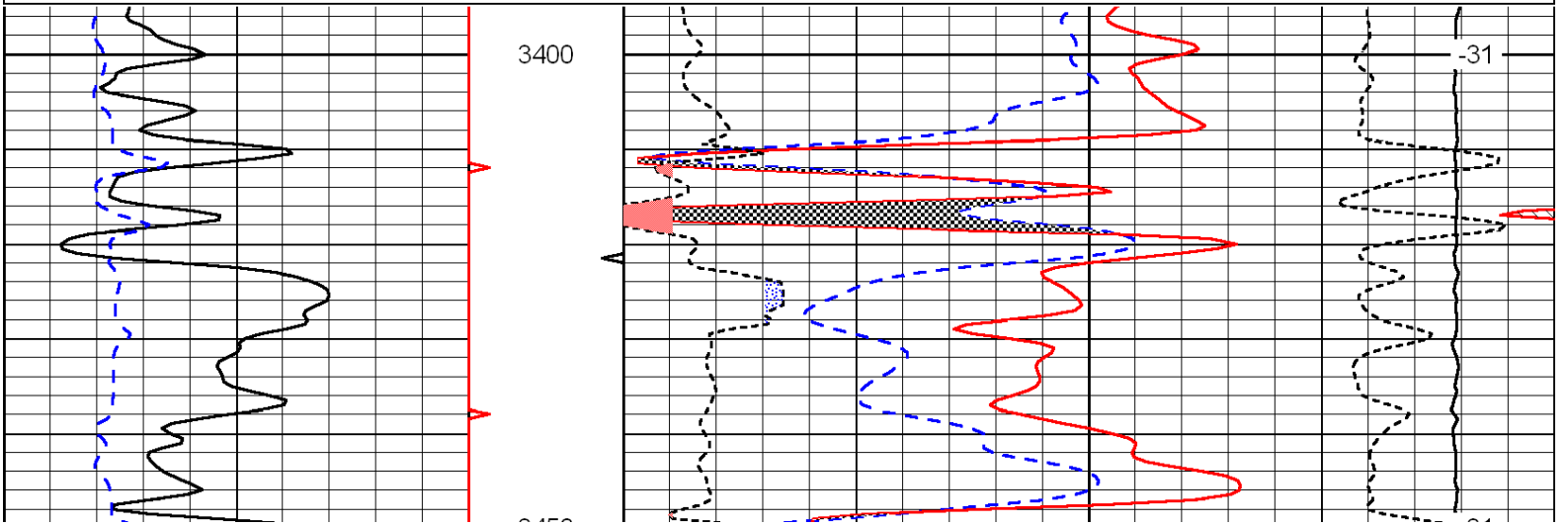
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6	Caliper (GAPI)	16

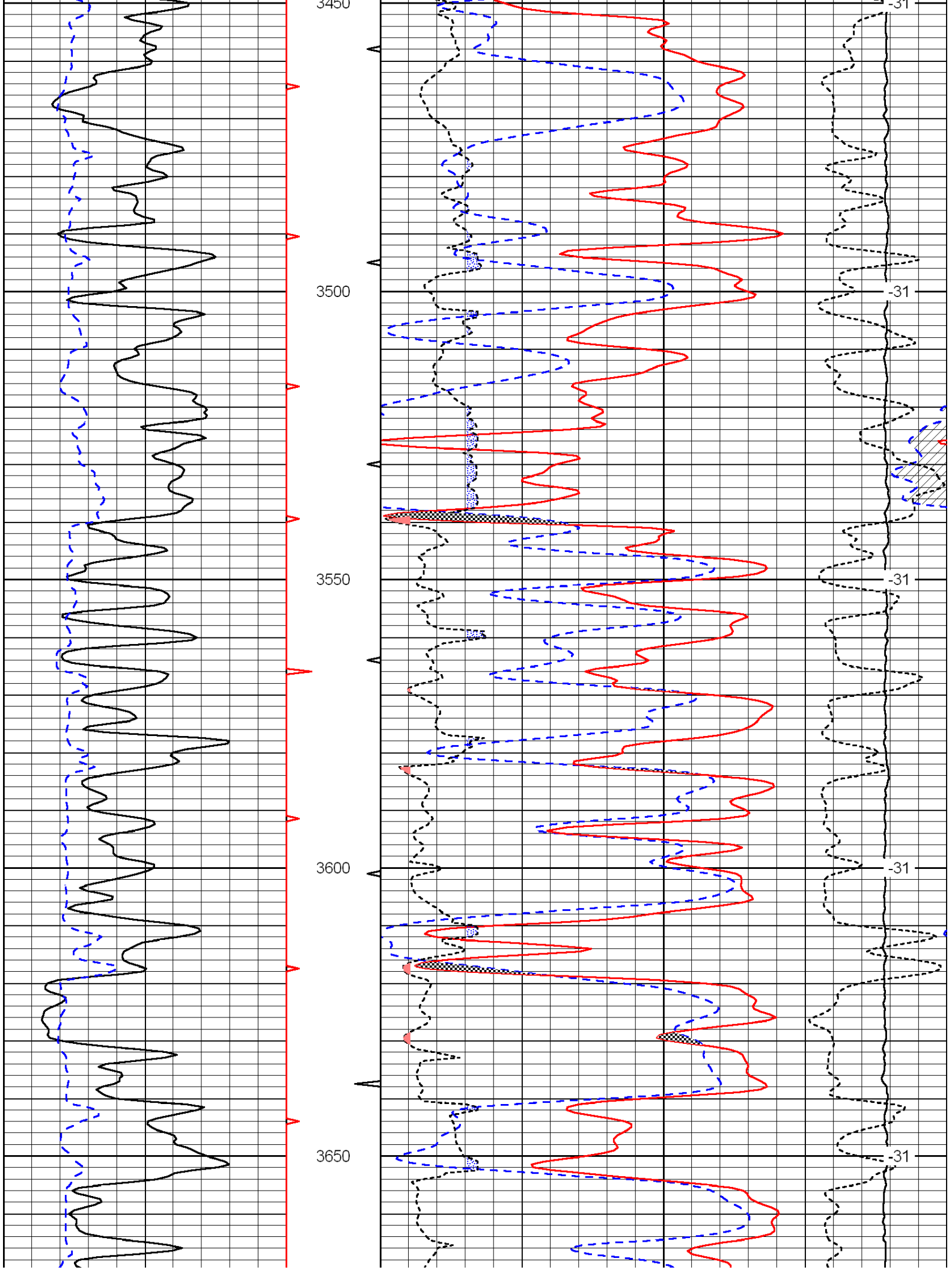
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

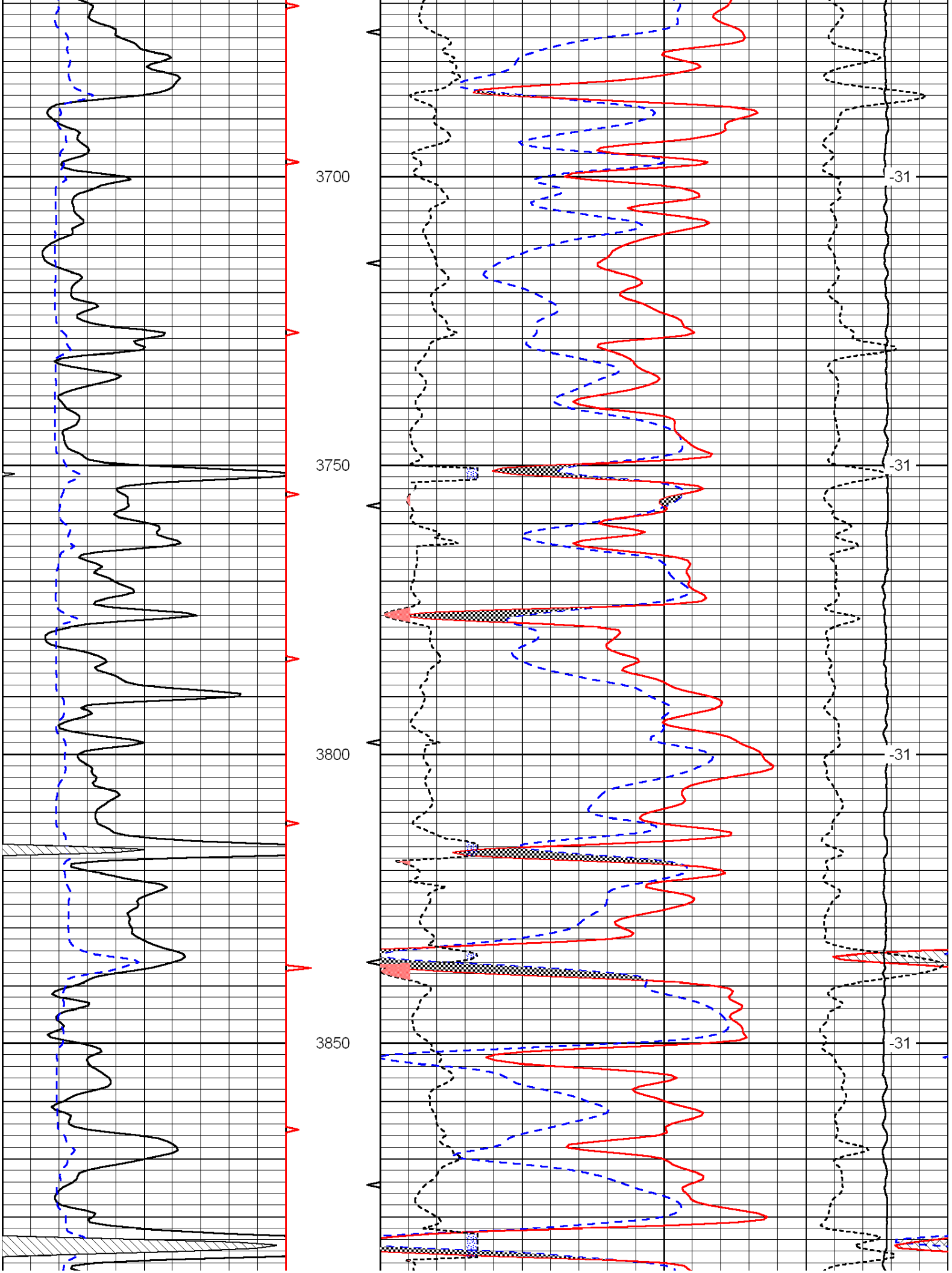
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Presentation Format: cndlspec
Dataset Creation: Tue May 31 09:54:50 2011
Charted by: Depth in Feet scaled 1:240

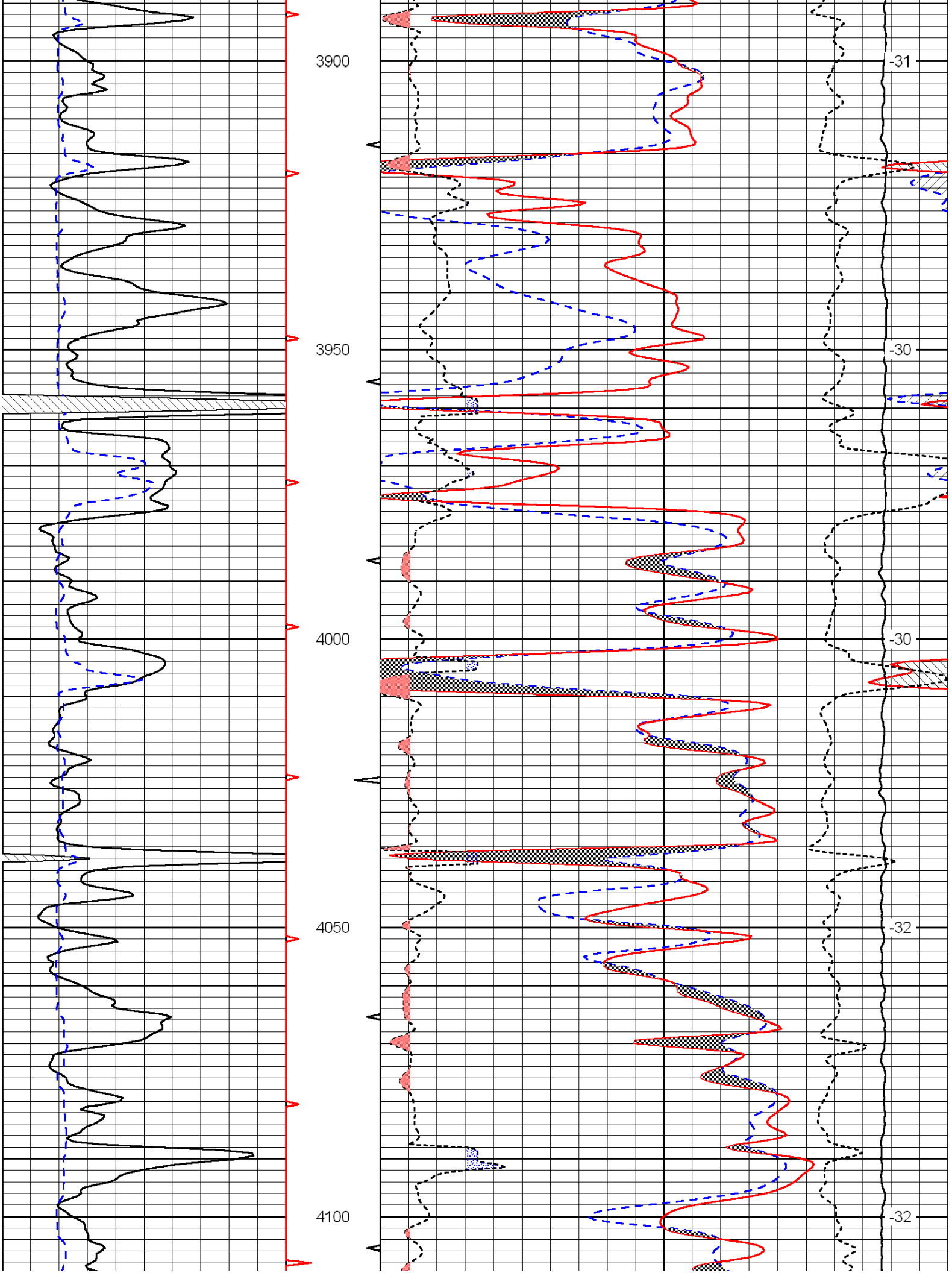
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6	Caliper (GAPI)	16

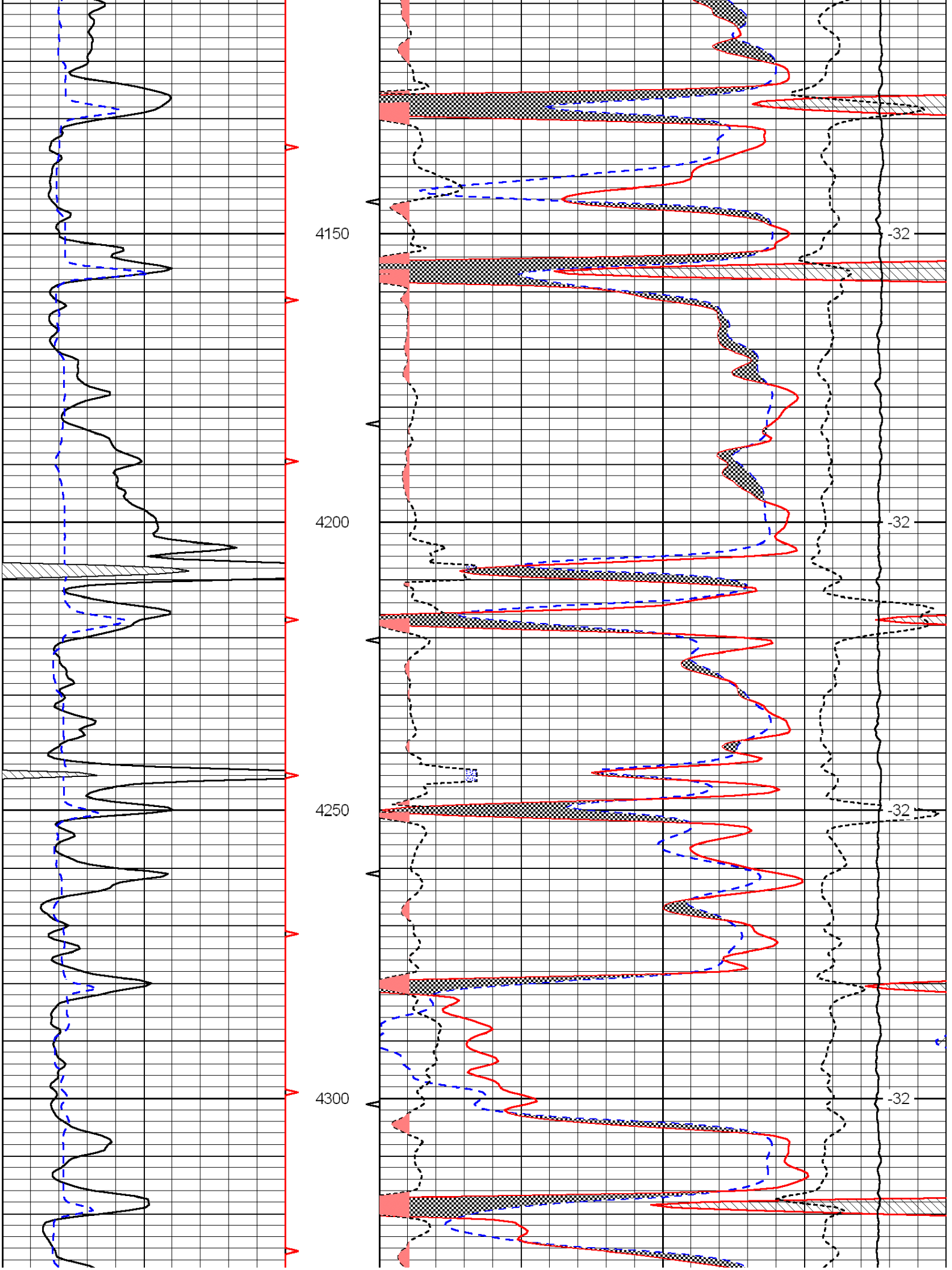
30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD

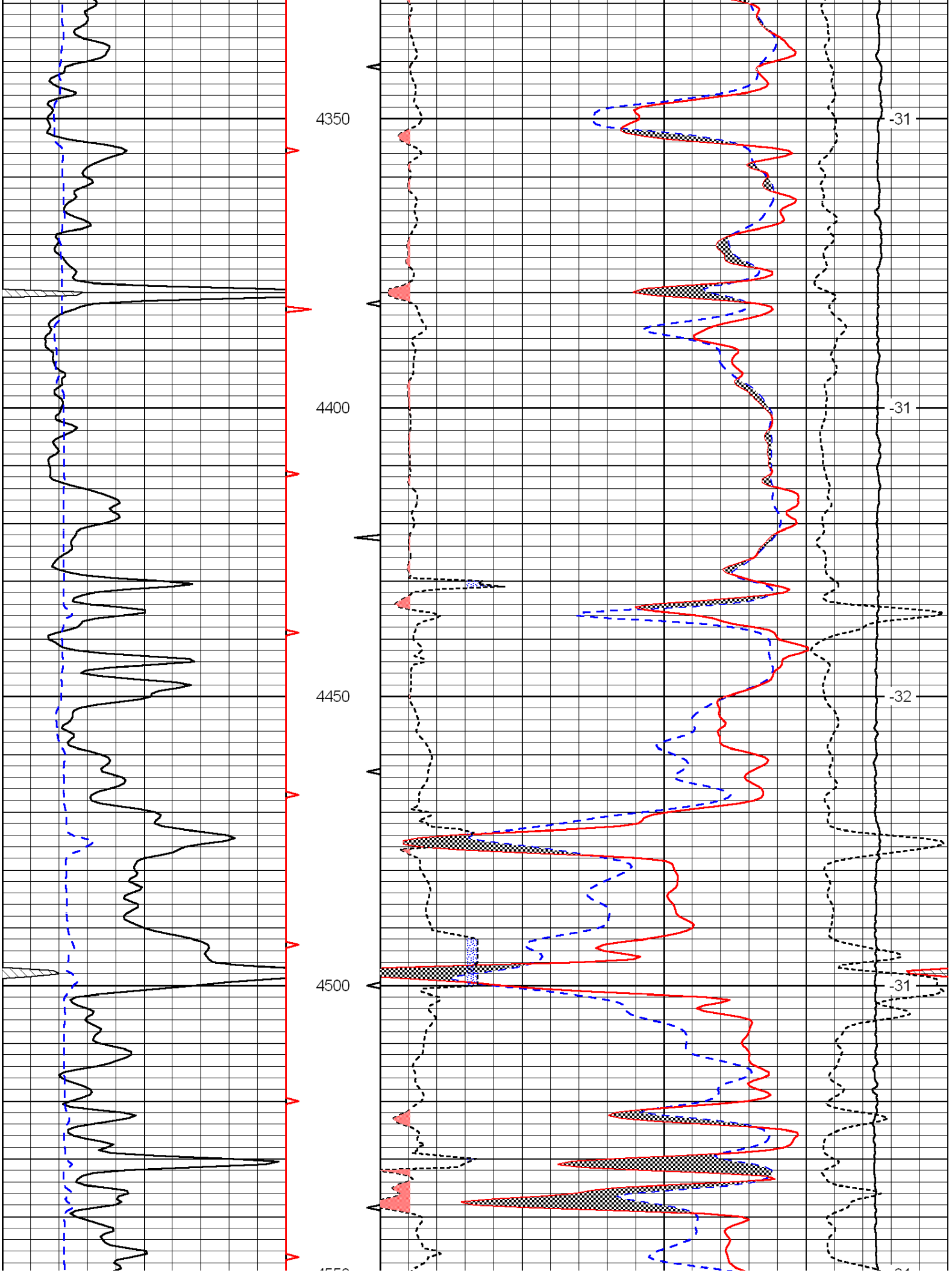


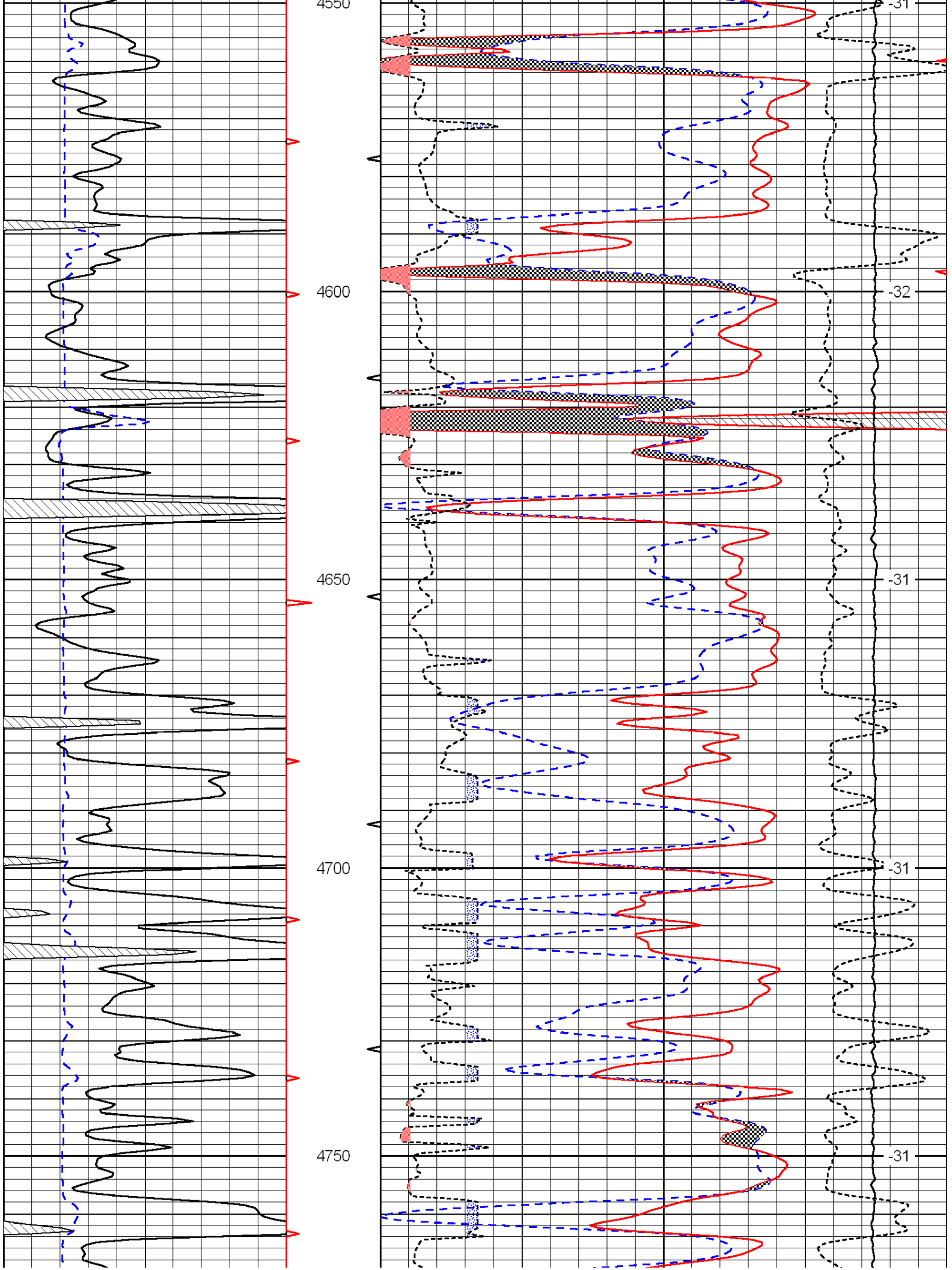

3450
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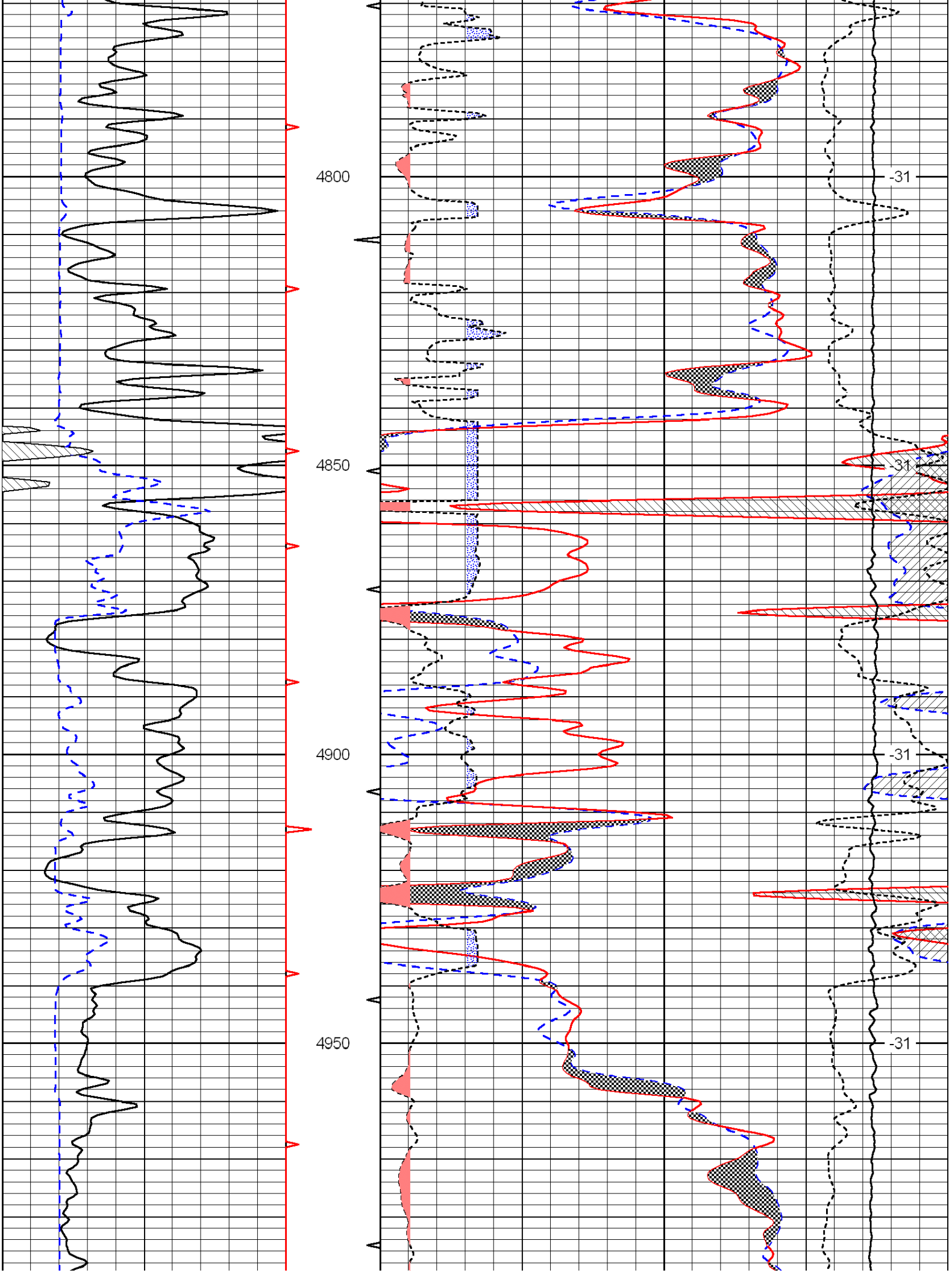

3700
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-31

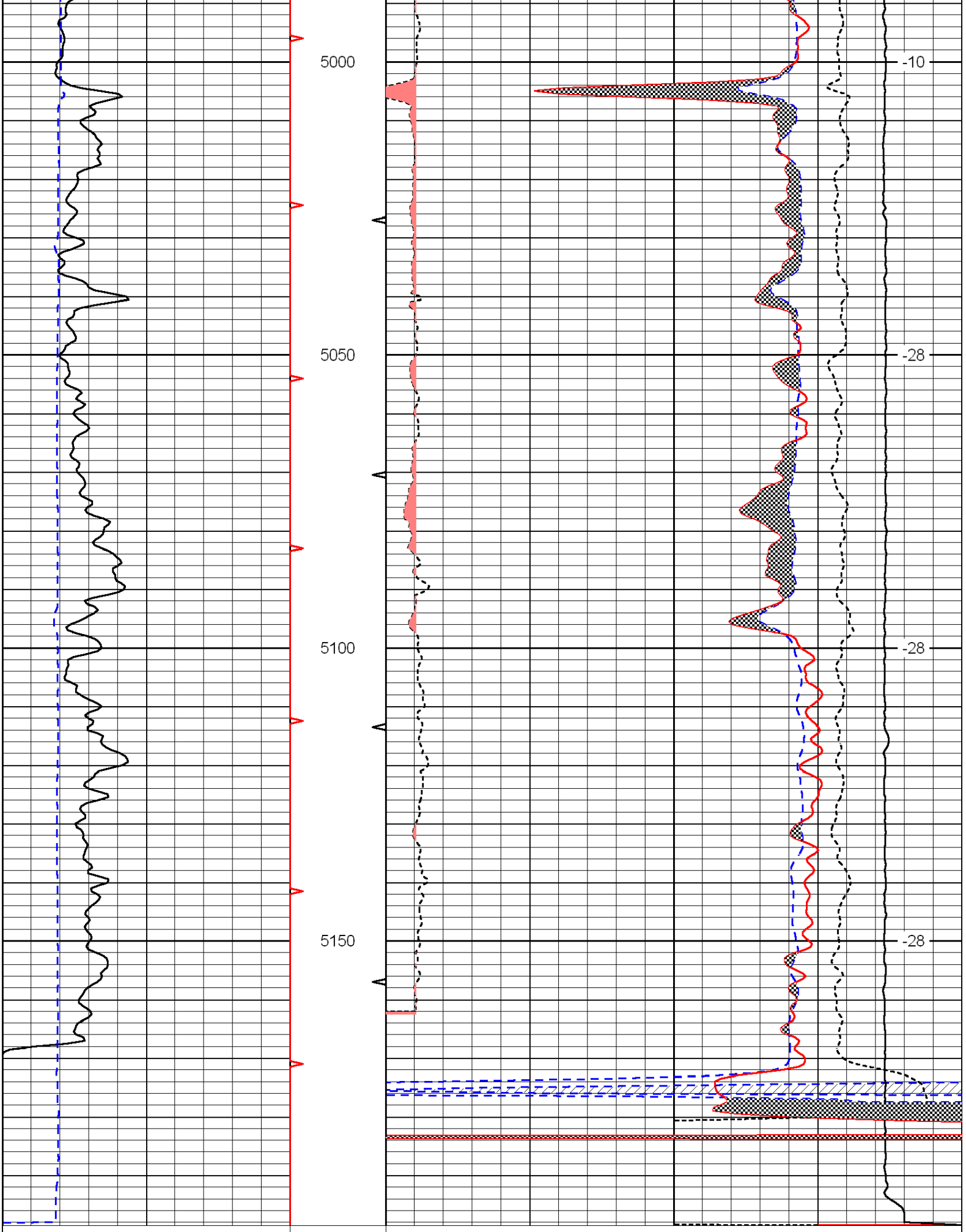

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-28
-28
0
Gamma Ray
150
6
Caliper (GAPI)
16
30
Compensated Neutron (Limestone)
-10
30
Compensated Density (Limestone)
-10

2.625	DGA	3.425	-0.25	Correction	0.25
15000		Line Tension			0

LSPD