PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-171-20936-00-00

Company Landmark Resources, Inc.

Well Decker # 1-9

Field Wildcat

County Scott State Kansas

Location

569' FSL & 664' FEL

Sec: 9 Twp: 17 S Rge: 34 W

Other Services

DIL

MEL/BHCS

Elevation

K.B. 3134

D.F.

G.L. 3123

Permanent Datum Ground Level Elevation 3123

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Date	4/1/2013		
Run Number	One		
Type Log	CNL / CDL		
Depth Driller	4970		
Depth Logger	4968		
Bottom Logged Interval	4947		
Top Logged Interval	3500		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	6000		
Density	9.3		
Level	Full		
Max. Rec. Temp. F	128		
Operating Rig Time	5 Hours		
Equipment -- Location	91 Hays		
Recorded By	Y. Ruiz	D. Schmidt	
Witnessed By	Wes Hansen		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	228	8.625	24#	00	228
2	7.875	228	4970				

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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

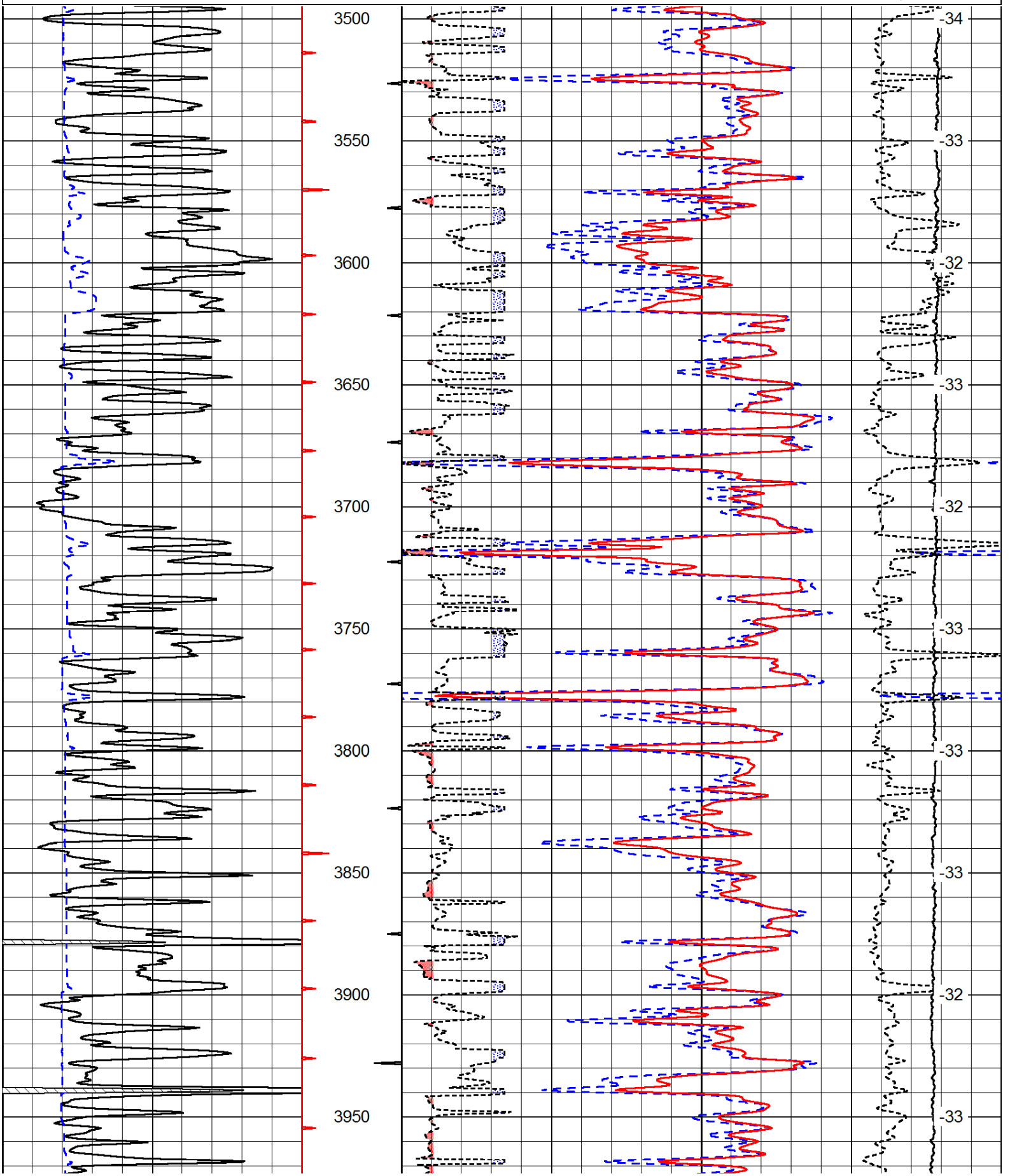
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858
Scott City,
8 West to Dakota Rd, 1 North to Rd 160,
1 West to Cherokee Rd, 6 North,
West into

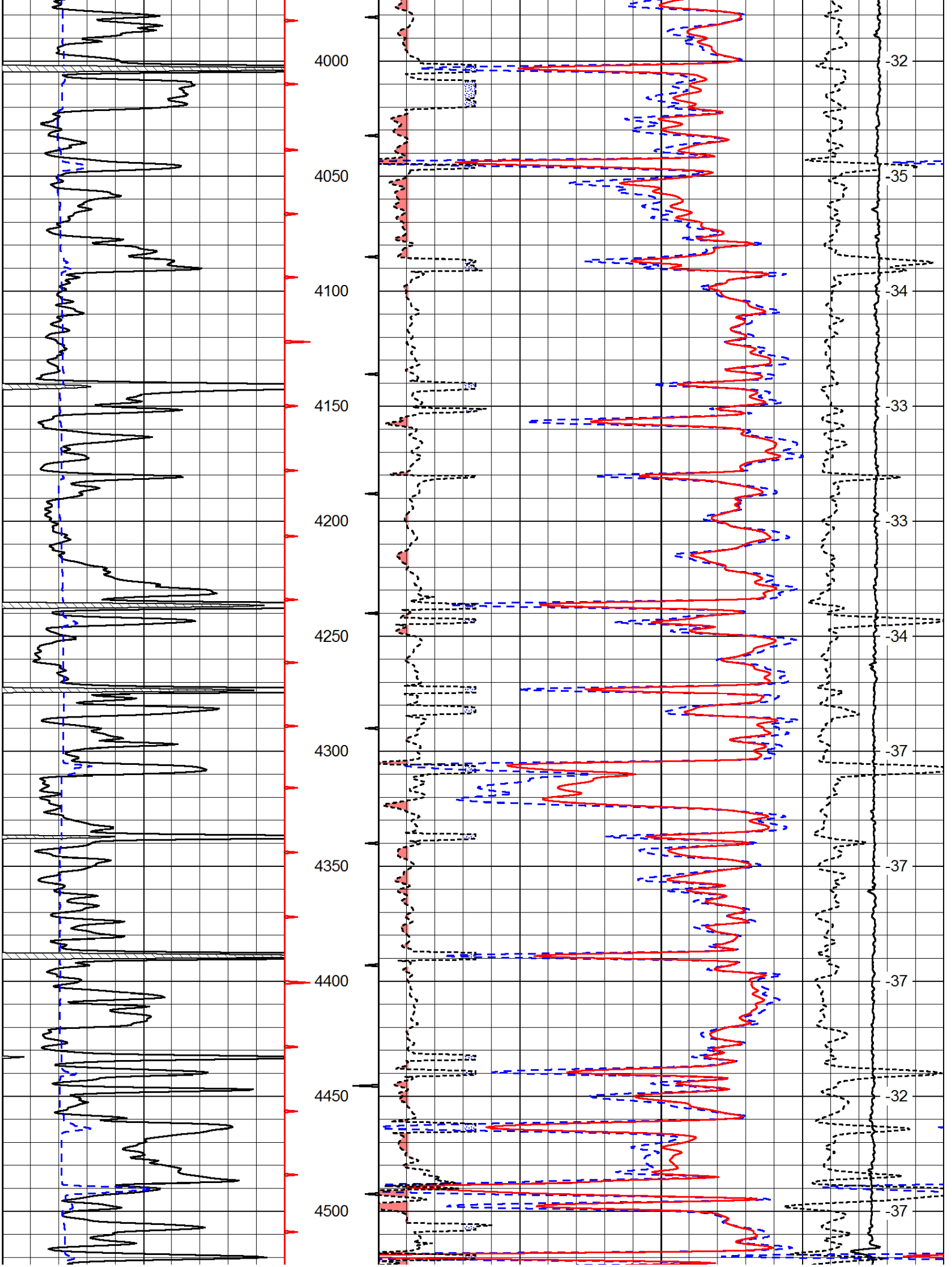
Database File: c:\warrior\data\landmark_decker #1-9\landmark_40113hd.db
Dataset Pathname: dil/landstk
Presentation Format: cdl
Dataset Creation: Tue Apr 02 00:42:09 2013
Charted by: Depth in Feet scaled 1:600

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

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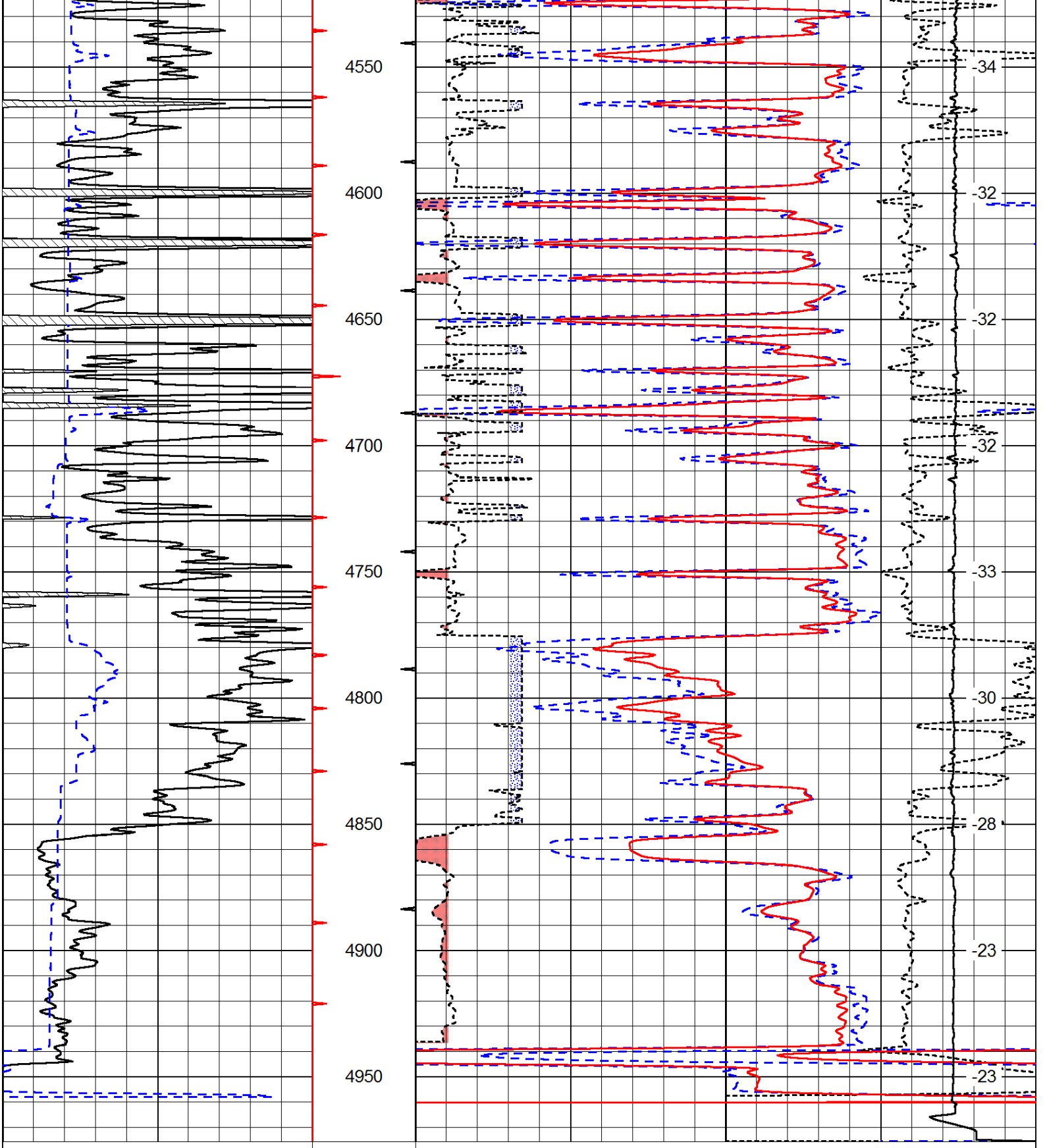


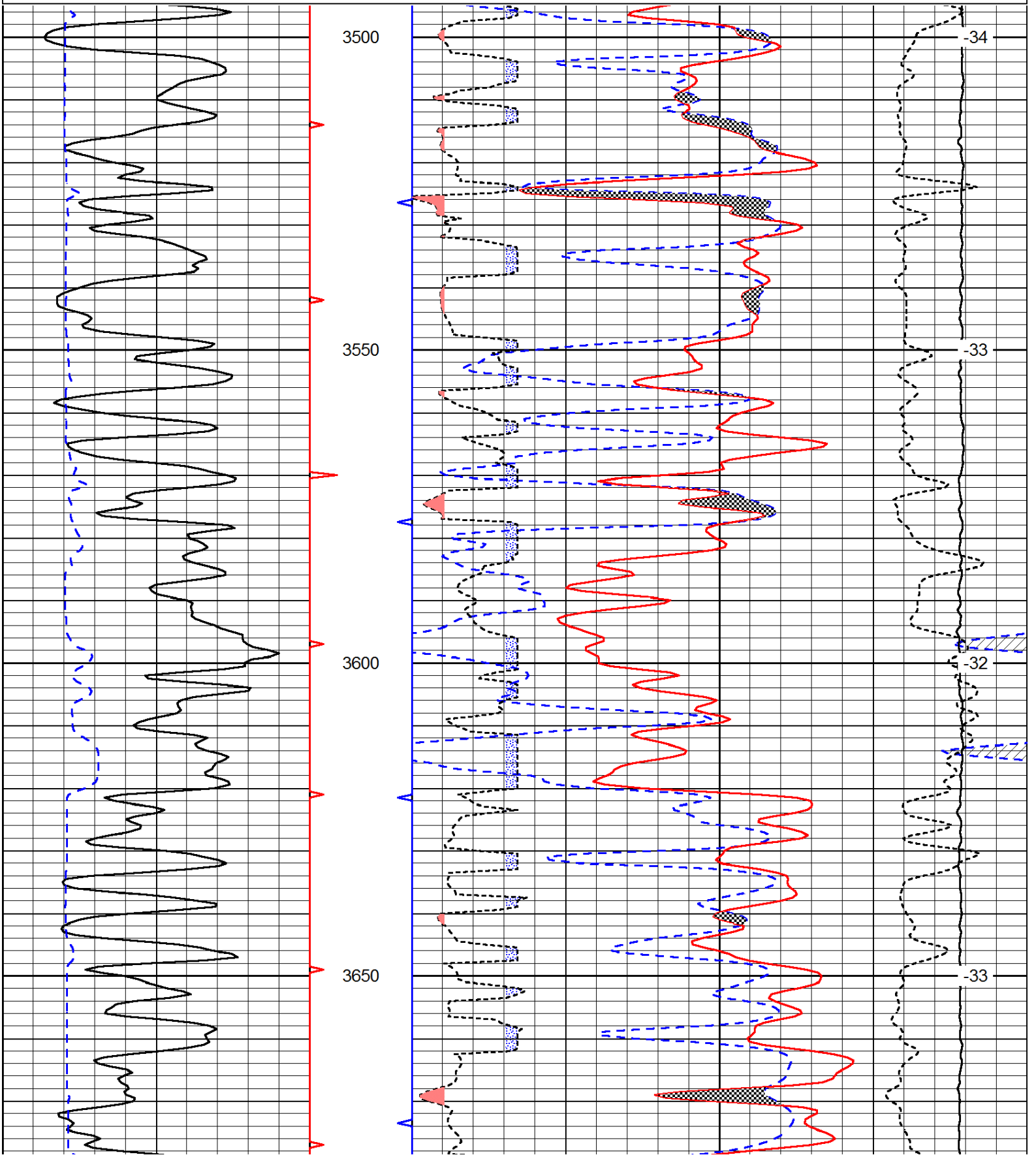
Database File: c:\warrior\data\landmark_decker #1-9\landmark_40113hd.db
Dataset Pathname: dil/landstk

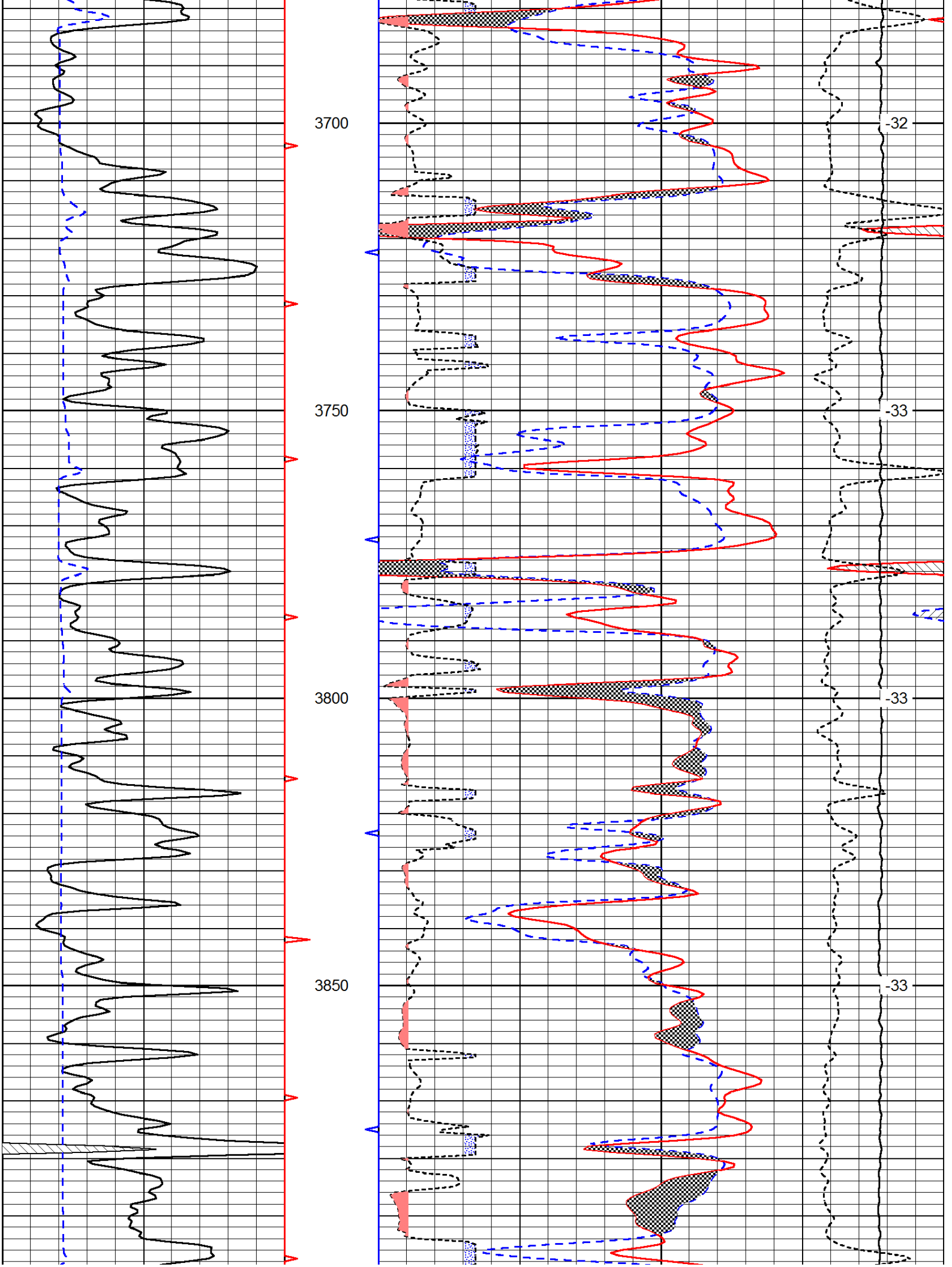
Presentation Format: cndlspec
Dataset Creation: Tue Apr 02 00:42:09 2013
Charted by: Depth in Feet scaled 1:240

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

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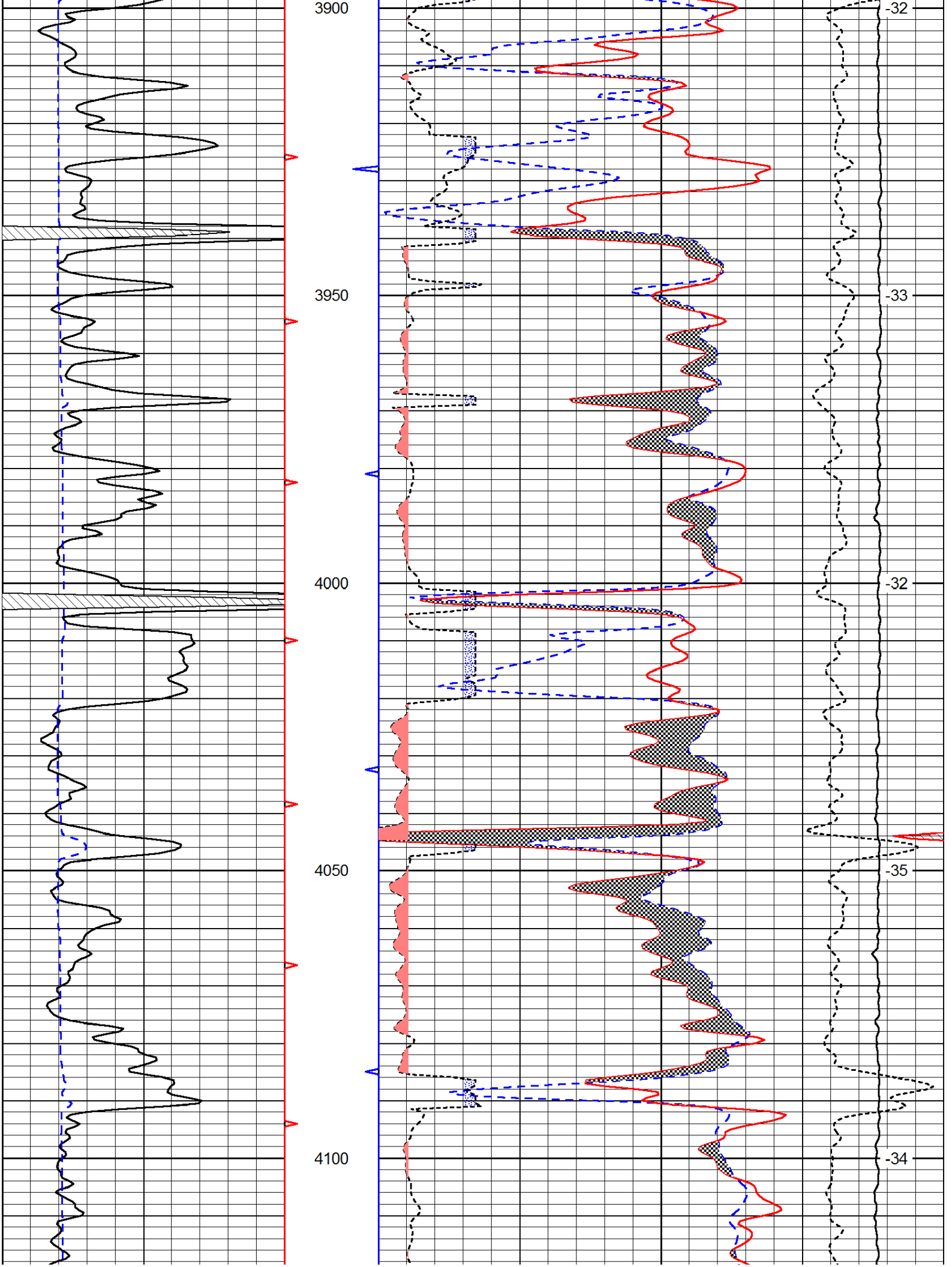
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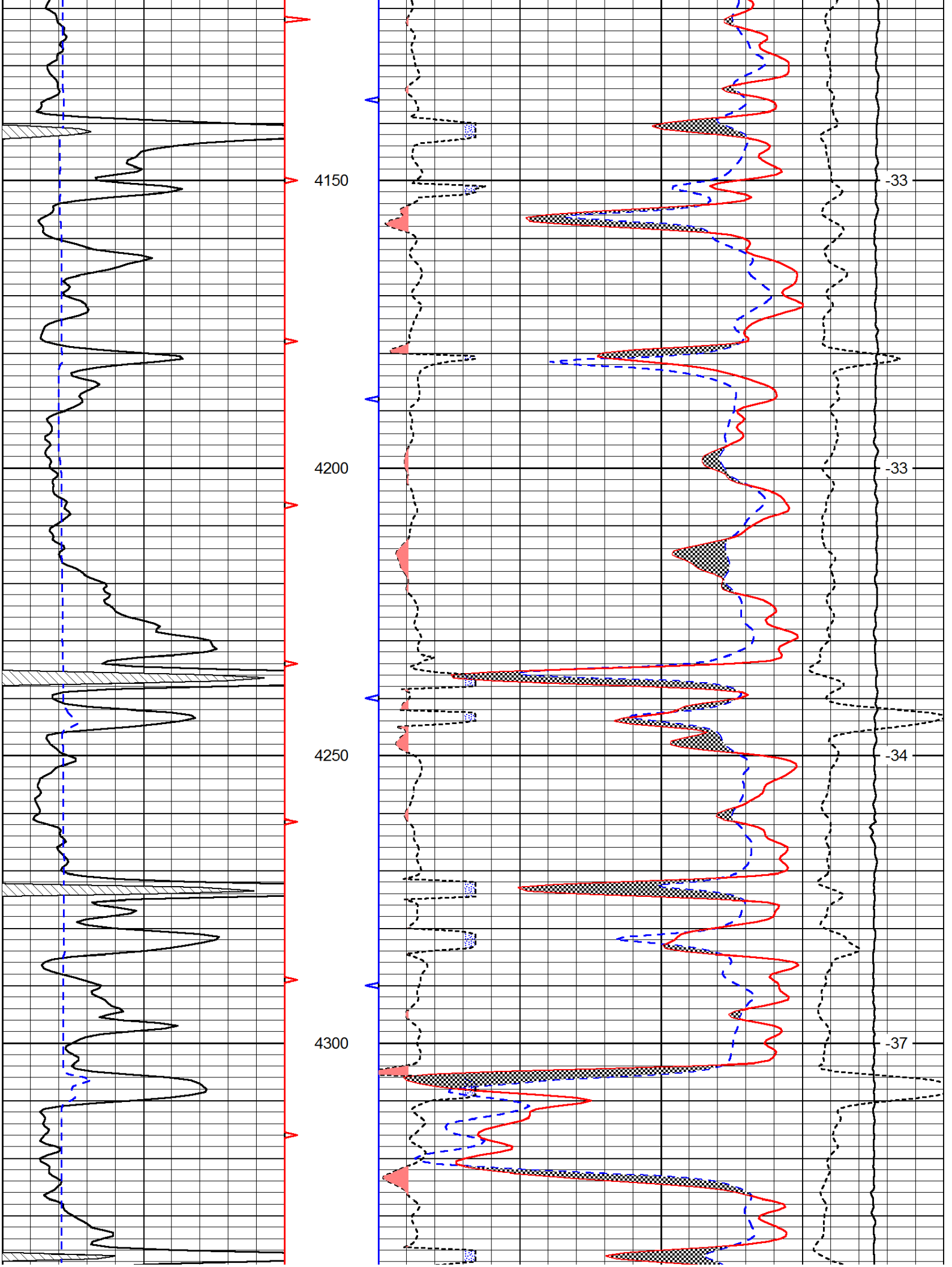
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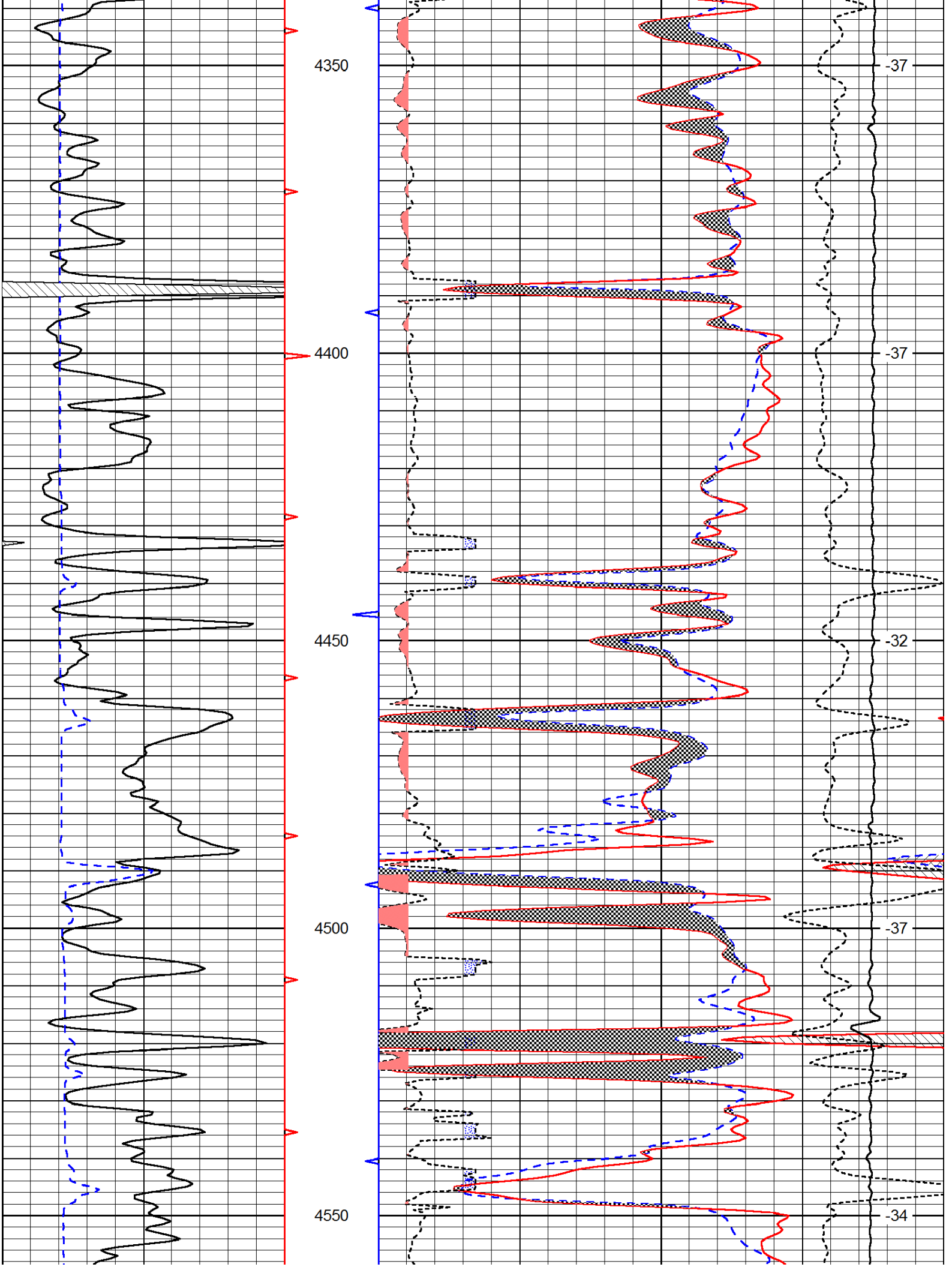
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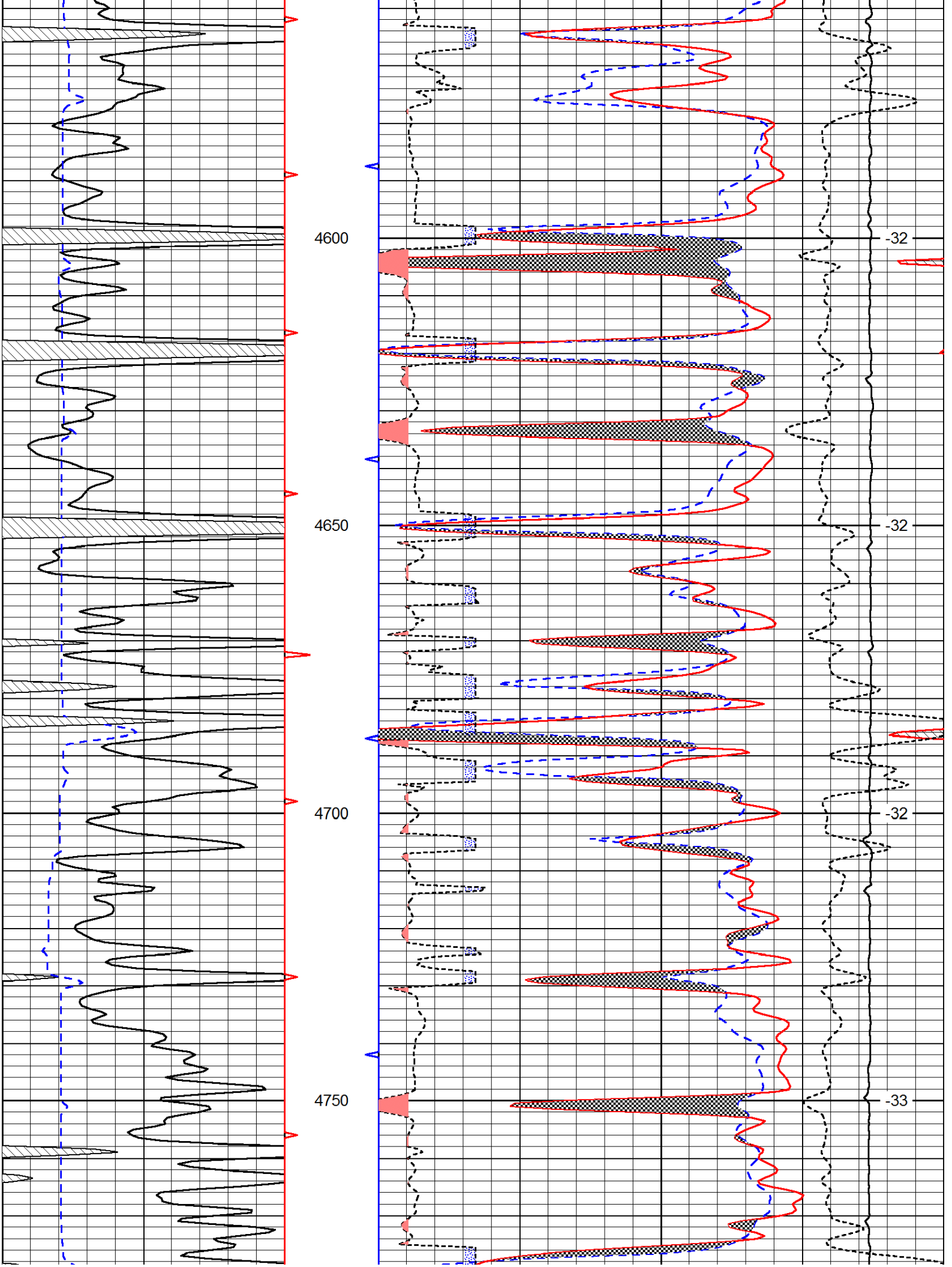
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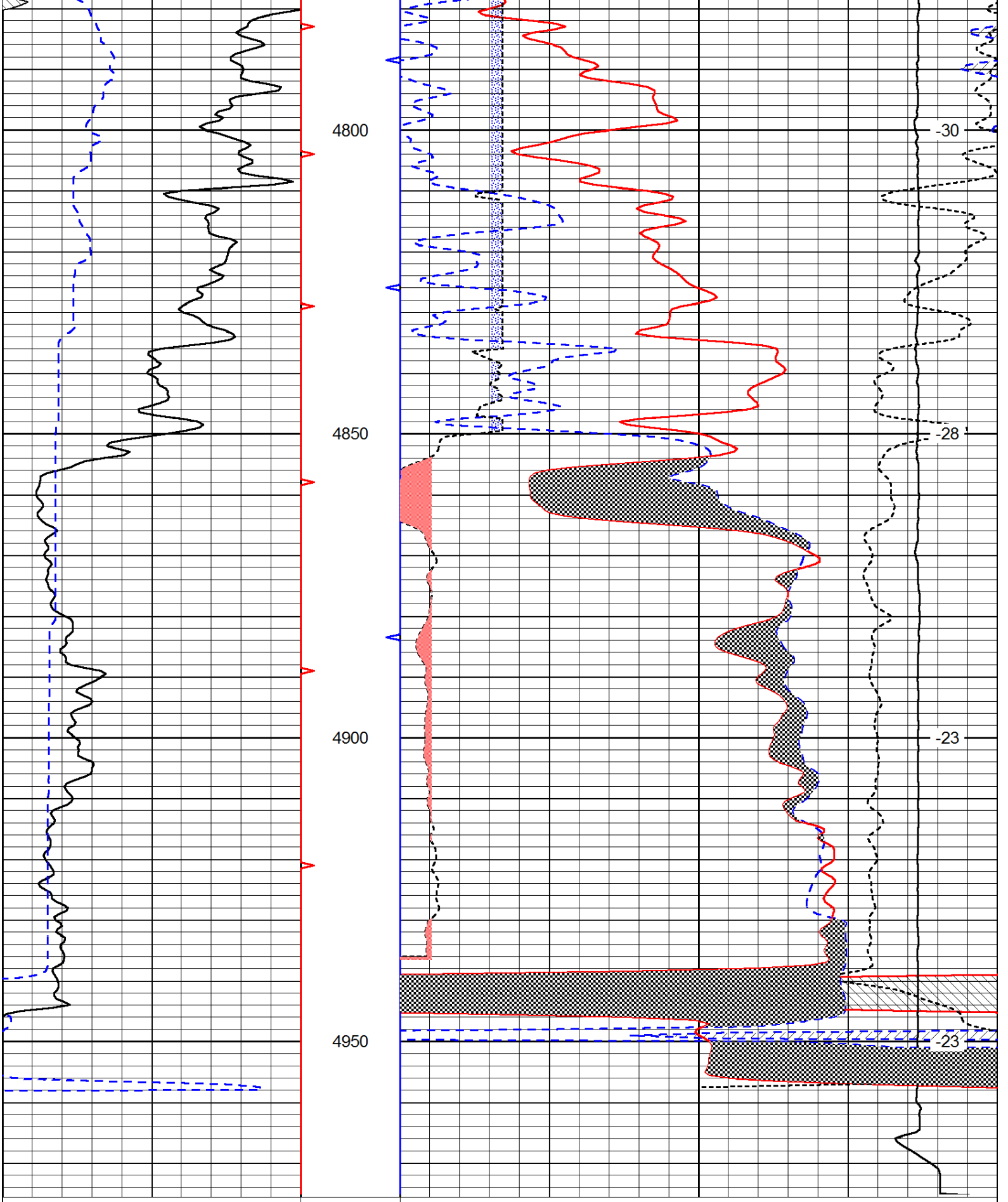

0	Gamma Ray	150	30	Compensated Neutron (Limestone)		-10
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)		-10
			2.625	DGA	3.425	-0.25 Correction 0.25
			15000	Line Tension		0

LSPD