PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-007-23,951-00-00

Company White Exploration, Inc.

Well Chain Ranch "B" No.1

Field Amber Creek

County Barber State Kansas

Location 475' FNL & 1916' FWL

Sec: 1 Twp: 31S Rge: 12W

Other Services
DIL
MEL/BHCS

Elevation
K.B. 1655
D.F.
G.L. 1645

Permanent Datum Ground Level Elevation 1645
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	10/7/2012
Run Number	One
Type Log	CNL / CDL
Depth Driller	4765
Depth Logger	4769
Bottom Logged Interval	4748
Top Logged Interval	3000
Type Fluid In Hole	Chemical
Salinity, PPM CL	8,000
Density	9.6
Level	Full
Max. Rec. Temp. F	124
Operating Rig Time	5 Hours
Equipment -- Location	17 Hays
Recorded By	C. Desaire
Witnessed By	Tom Williams

Borehole Record

Run No.	Bit	From	To
1	12.25	00	307
2	7.875	307	4765

Casing Record

Size	Wgt.	From	To
8.625	24#	00	307

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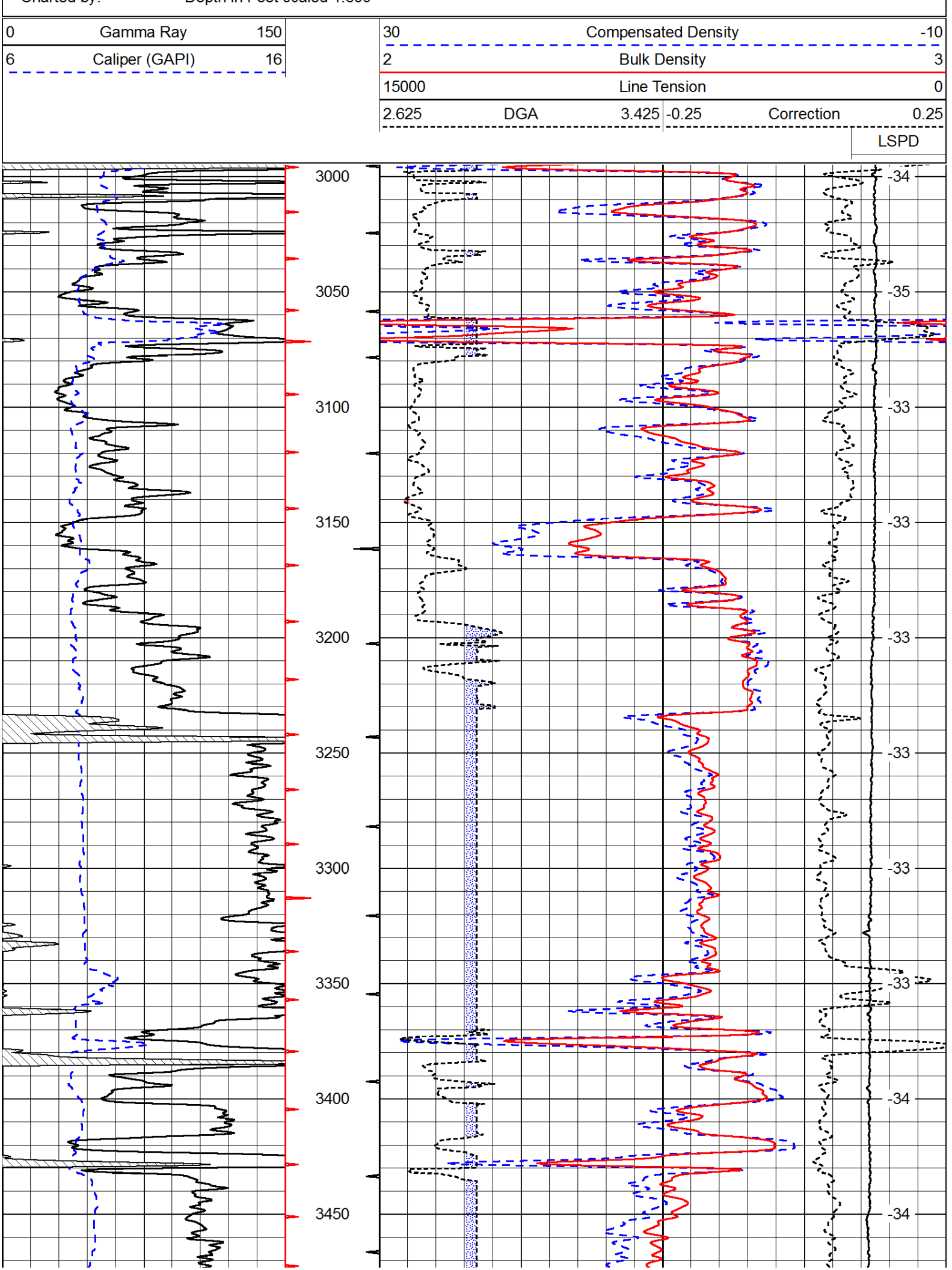
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

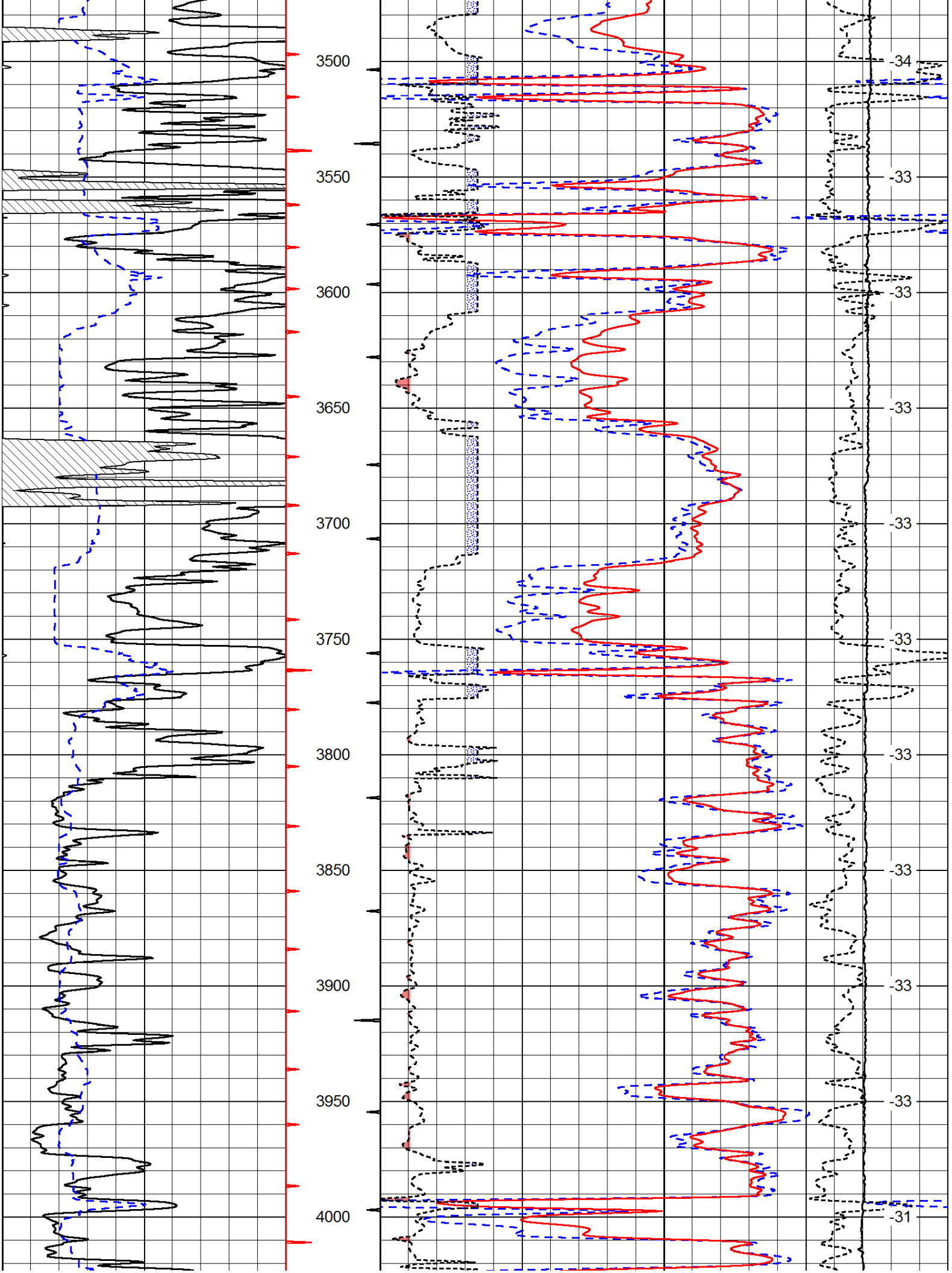
Comments

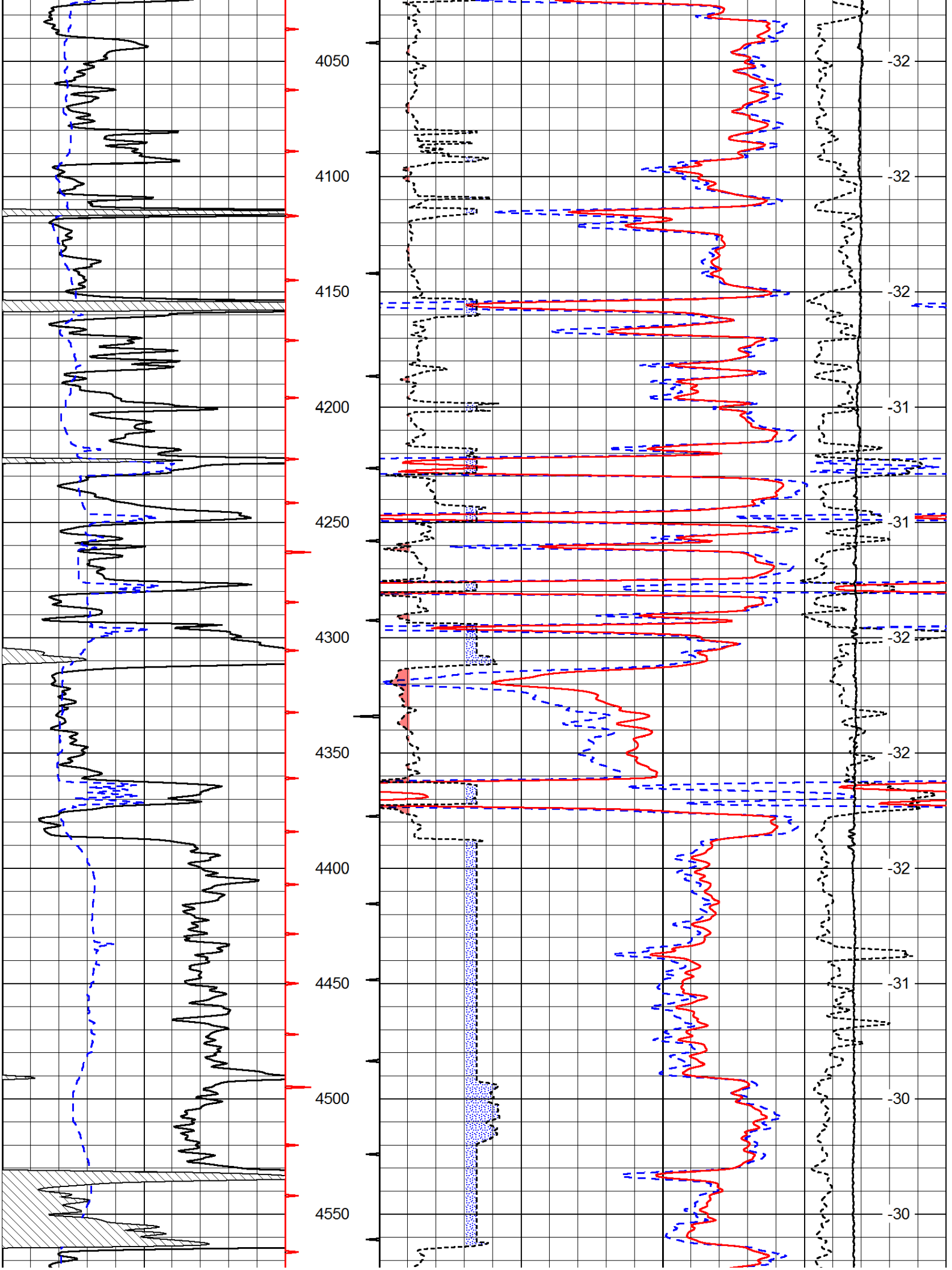
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

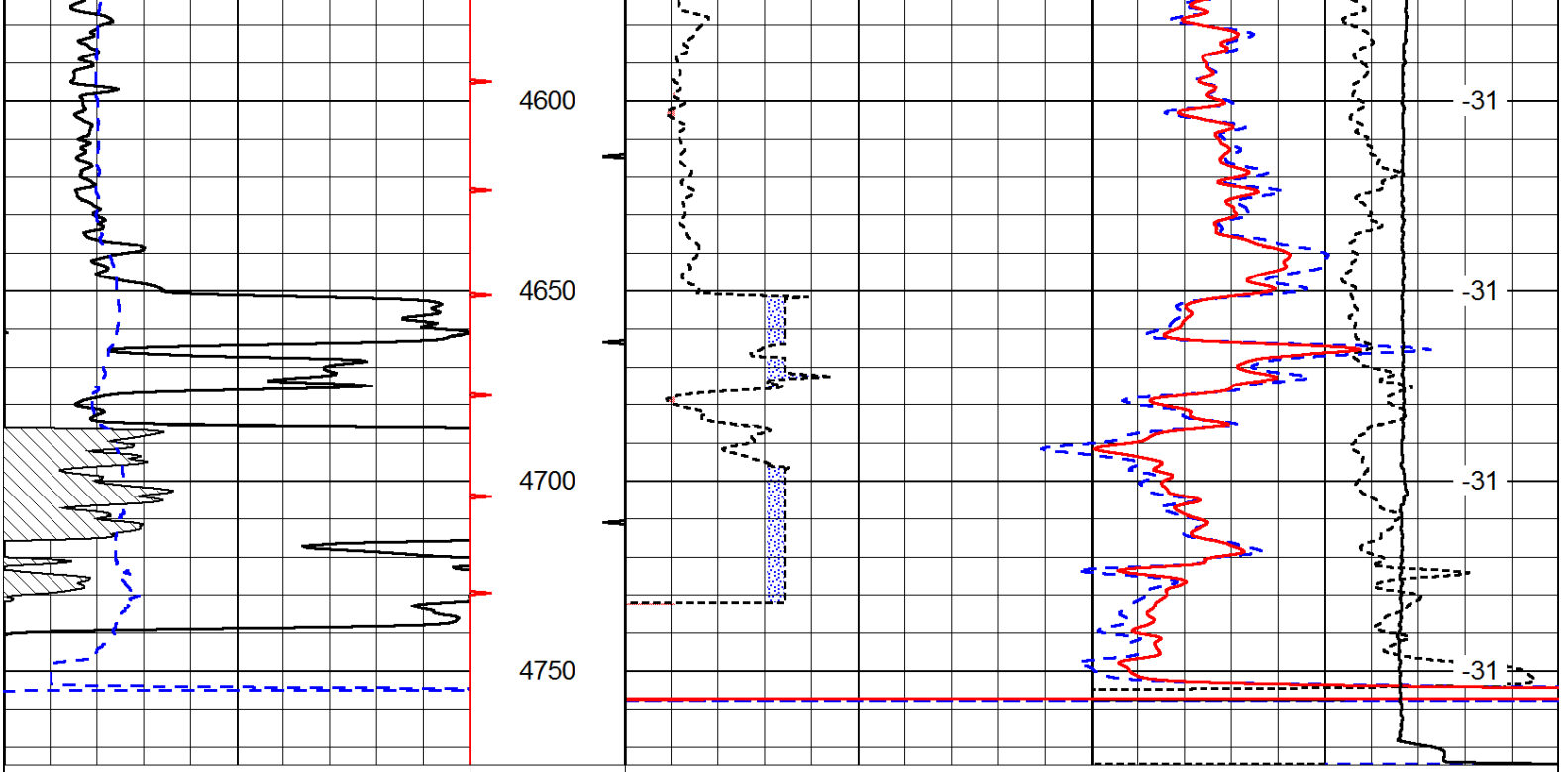
Medicine Lodge KS, N to 99 Springs,
E to Gillardi Rd, 1/4 S, W Into

Database File:	c:\warrior\data\white exp_chain ranch b no.1\whitehd.db
Dataset Pathname:	dil/whtstk
Presentation Format:	cdl
Dataset Creation:	Sun Oct 07 19:55:32 2012
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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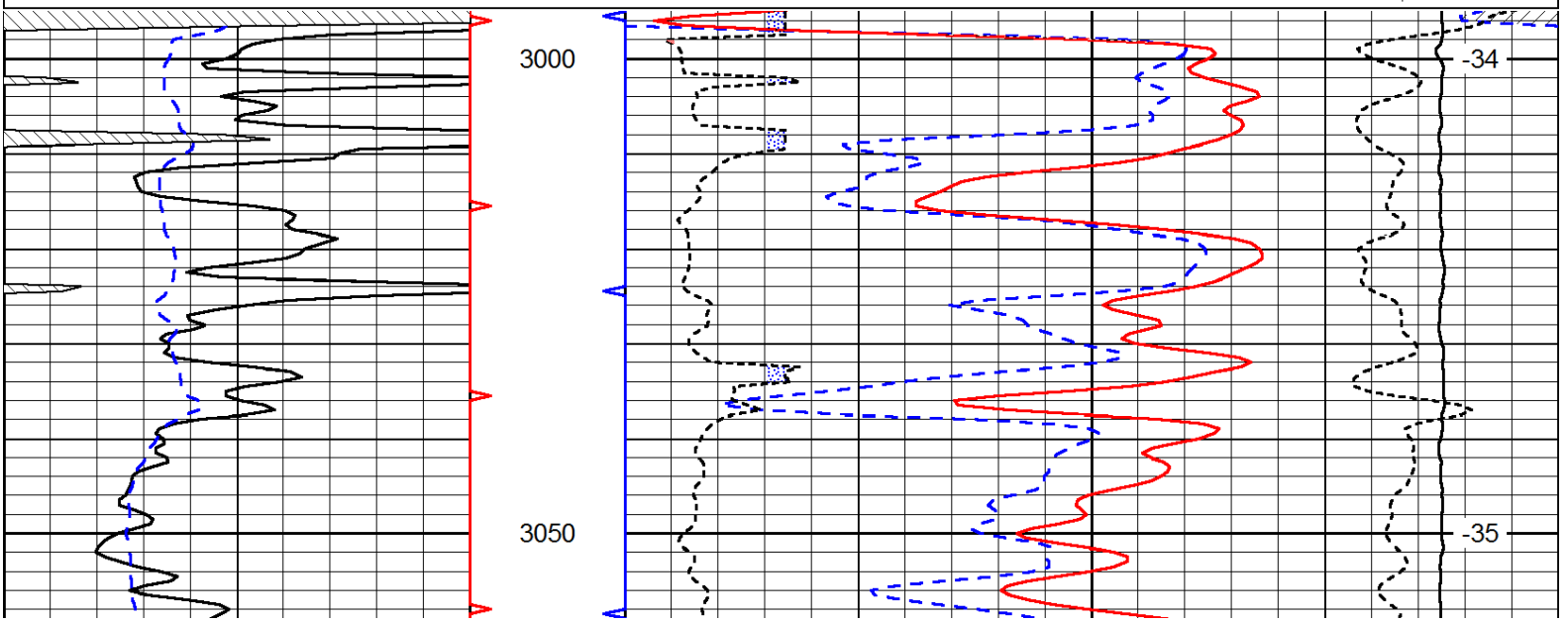
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6	Caliper (GAPI)	16

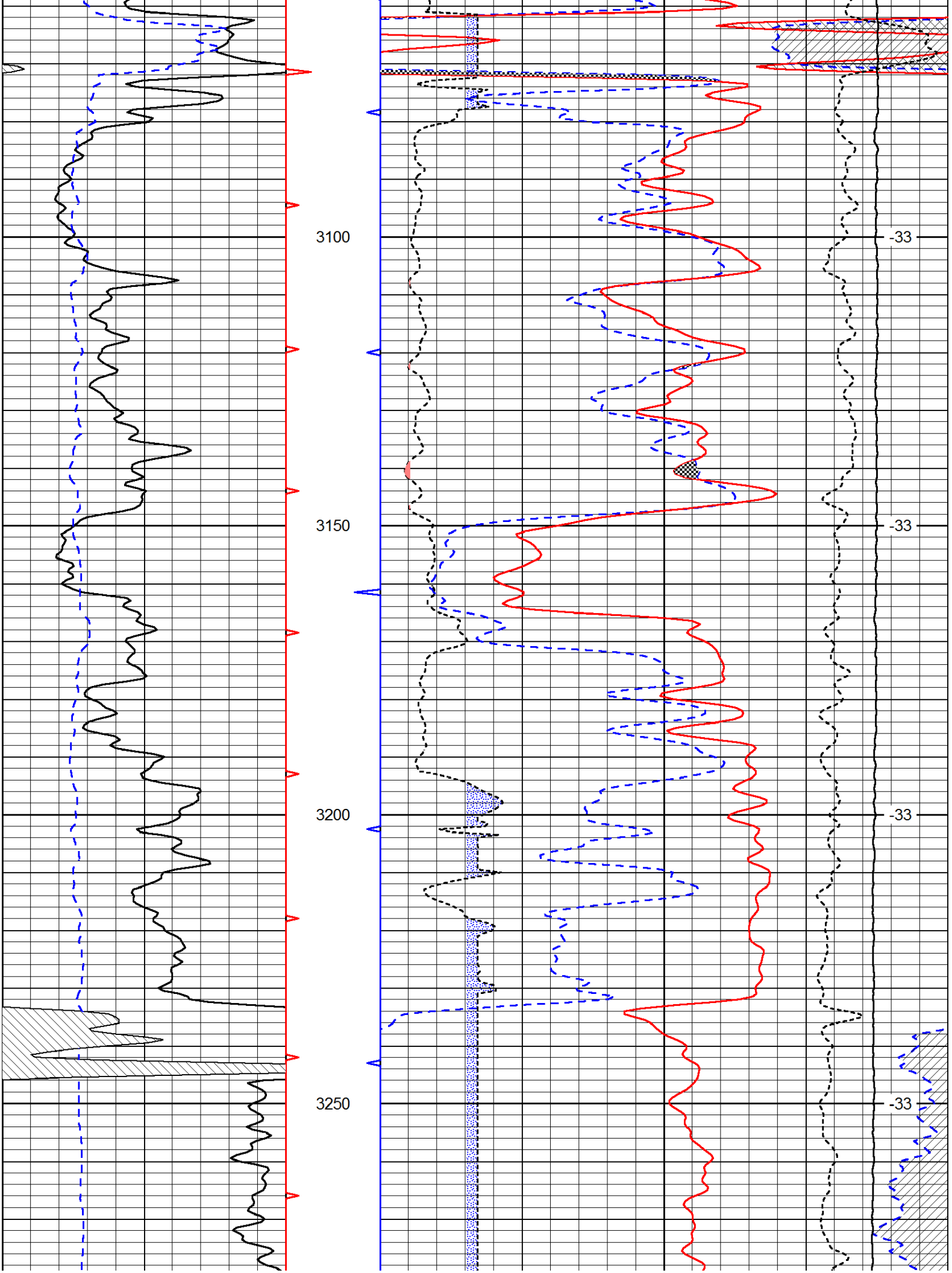
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15000	Line Tension	0
2.625	DGA 3.425 -0.25 Correction	0.25
	LSPD	

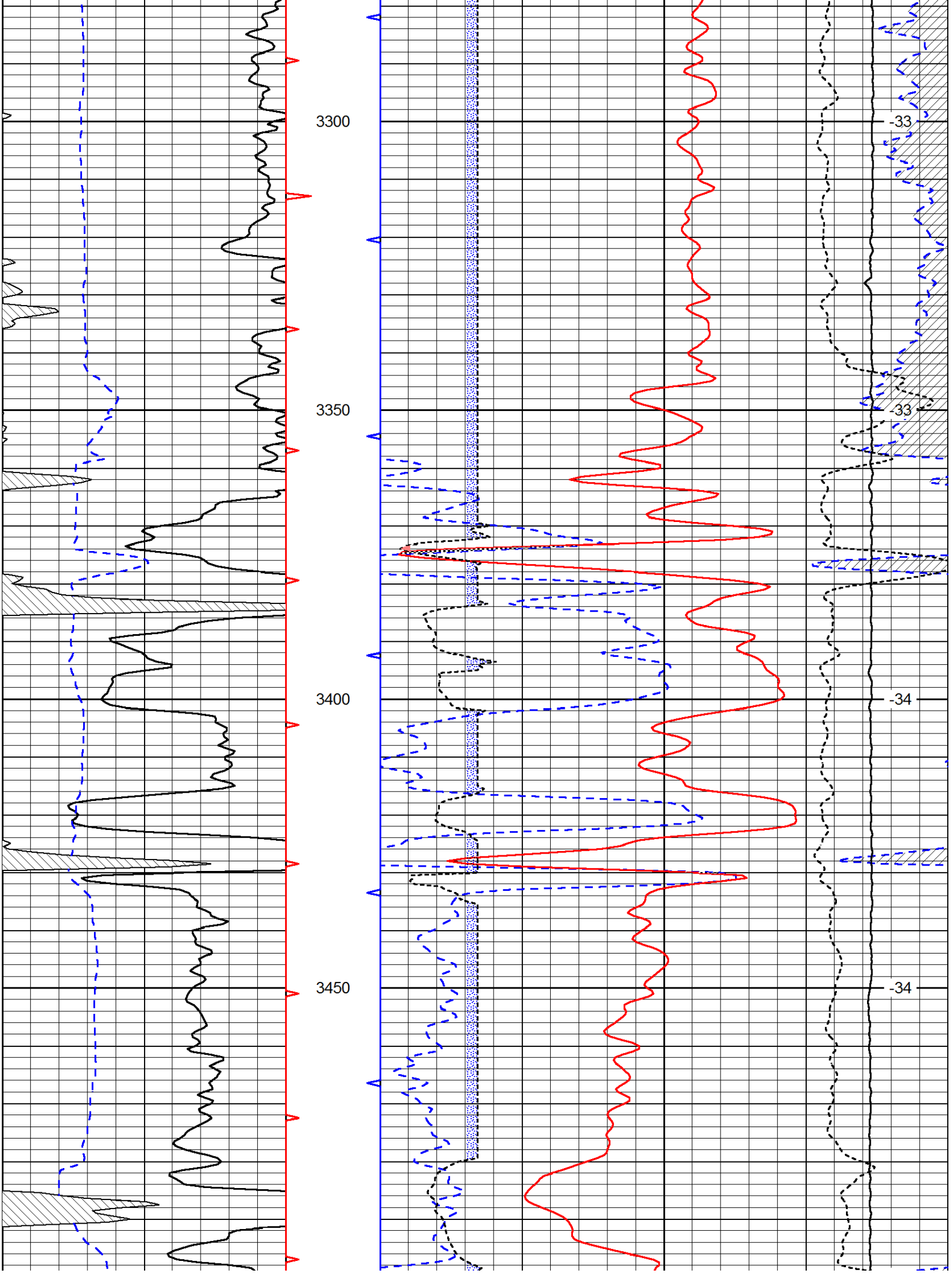
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Charted by:	Depth in Feet scaled 1:240

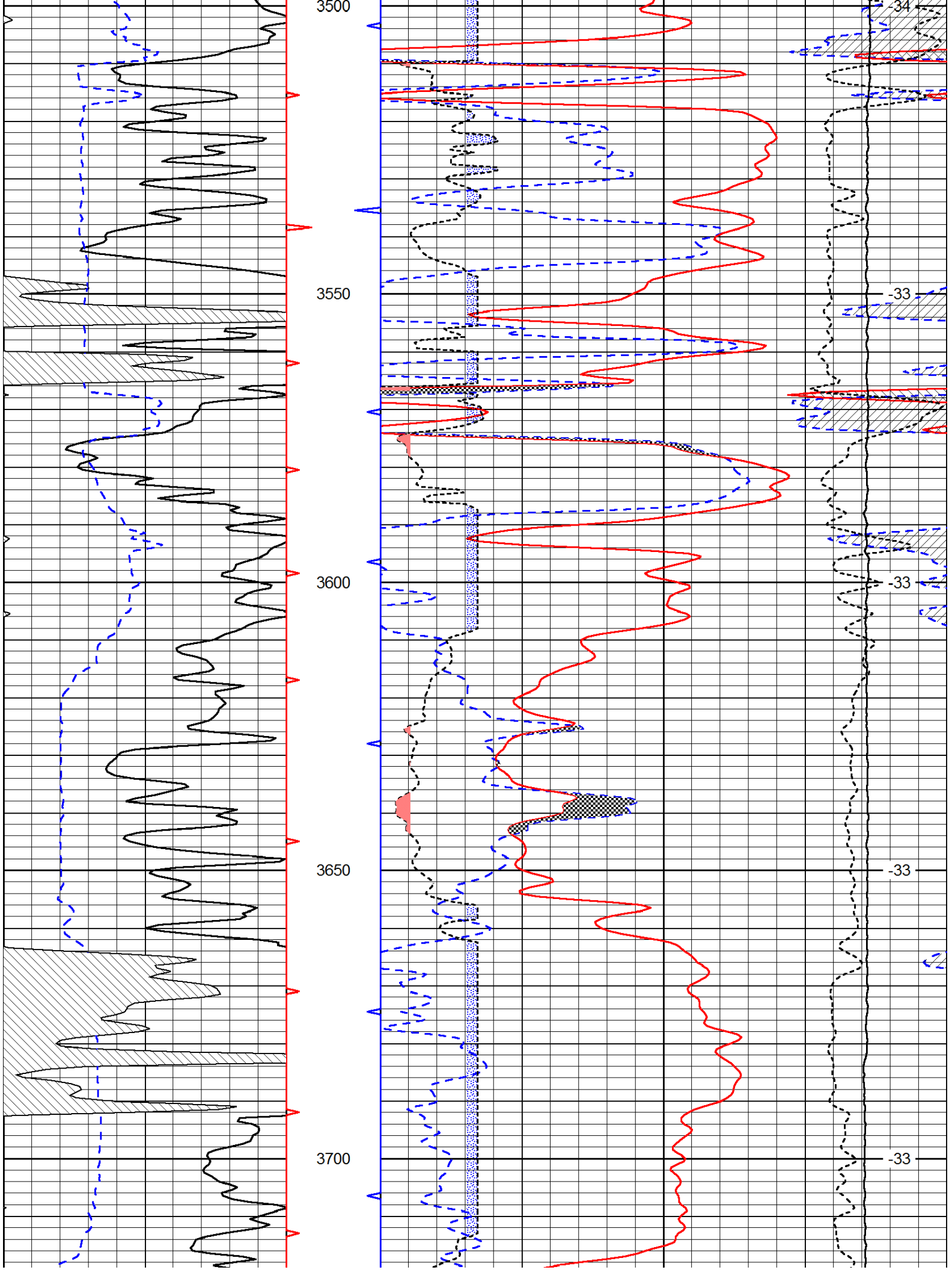
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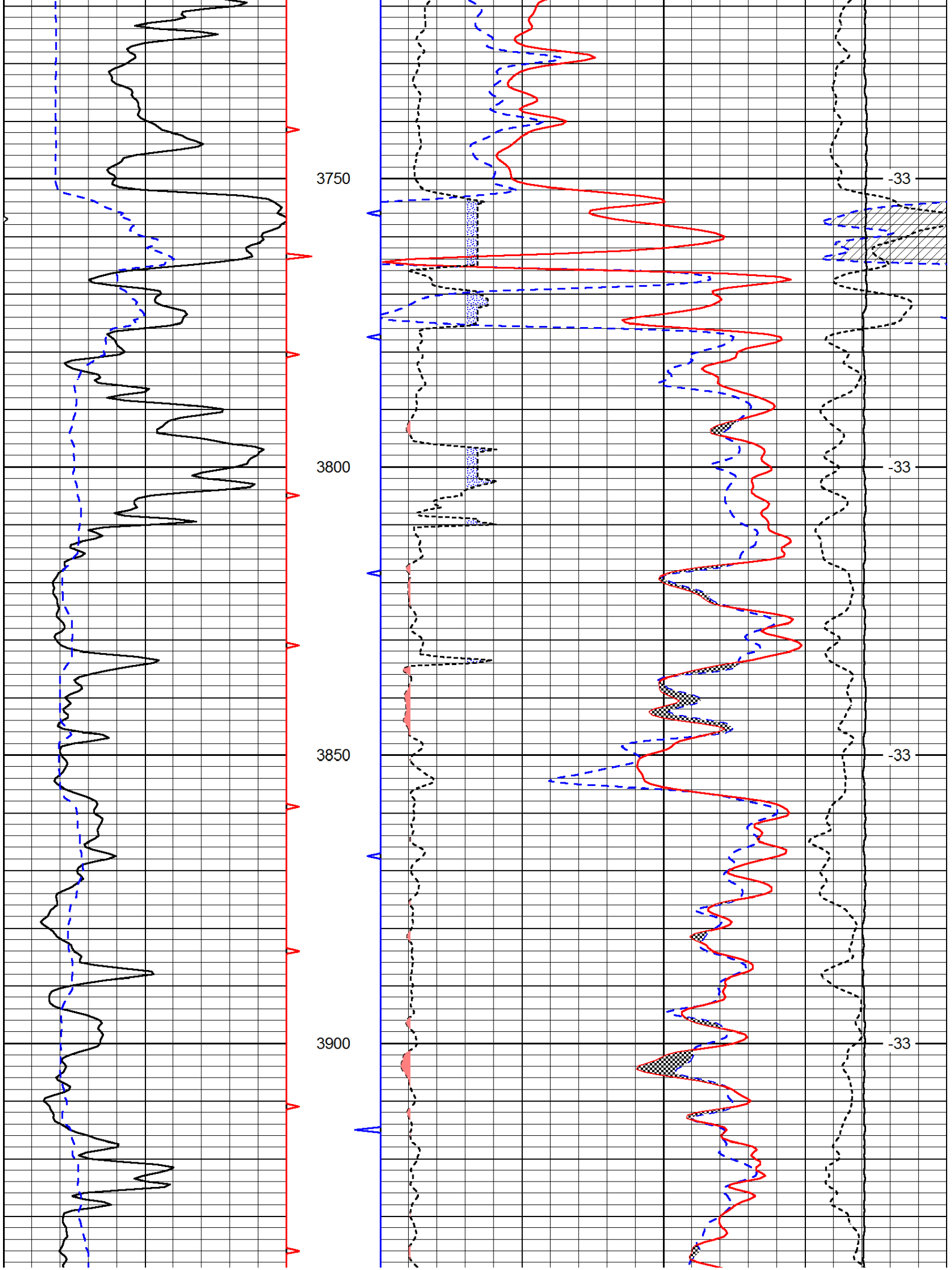
30	Compensated Neutron (Limestone)	-10
30	Compensated Density (Limestone)	-10
2.625	DGA 3.425 -0.25 Correction	0.25
15000	Line Tension	0
	LSPD	

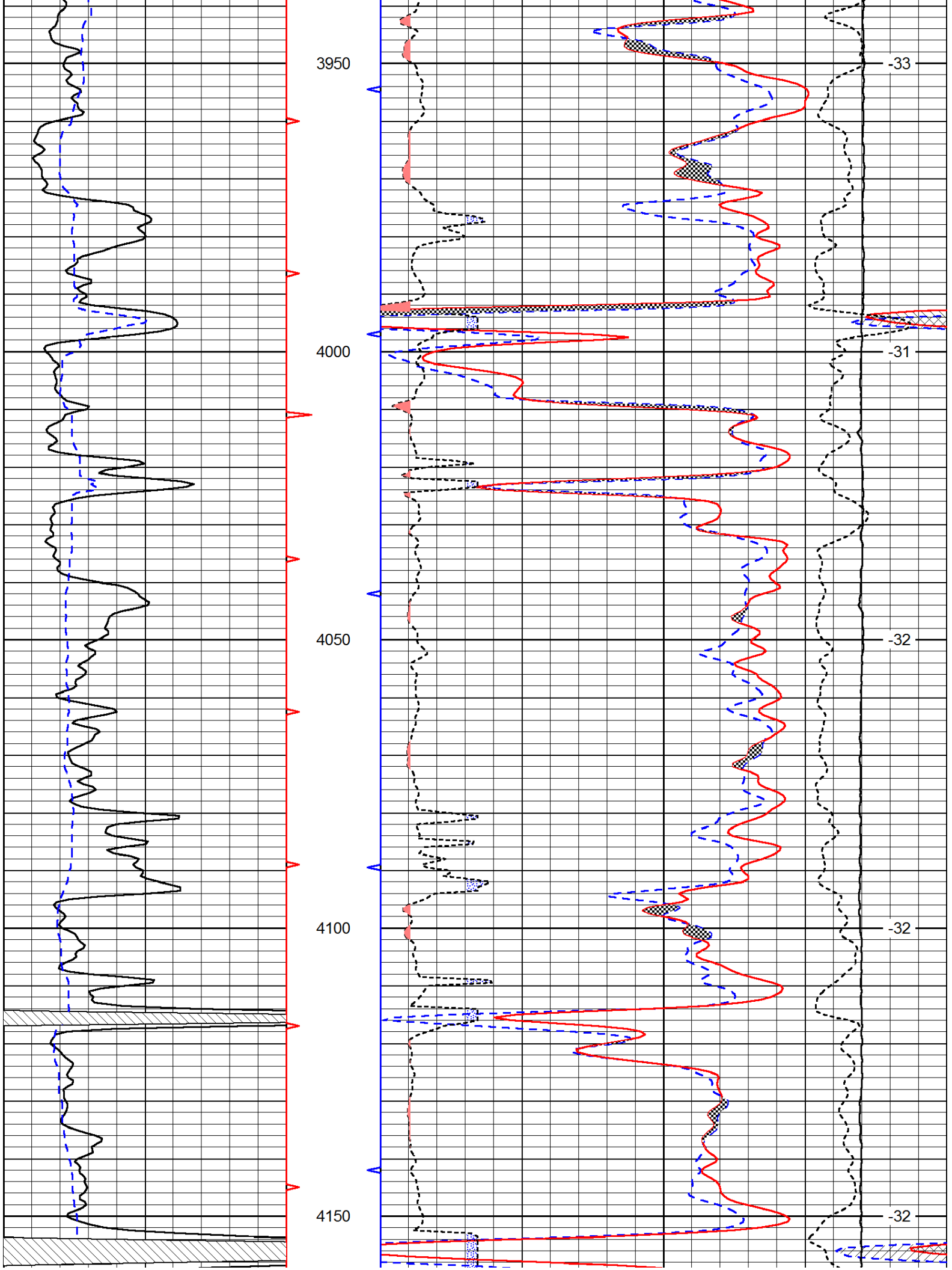


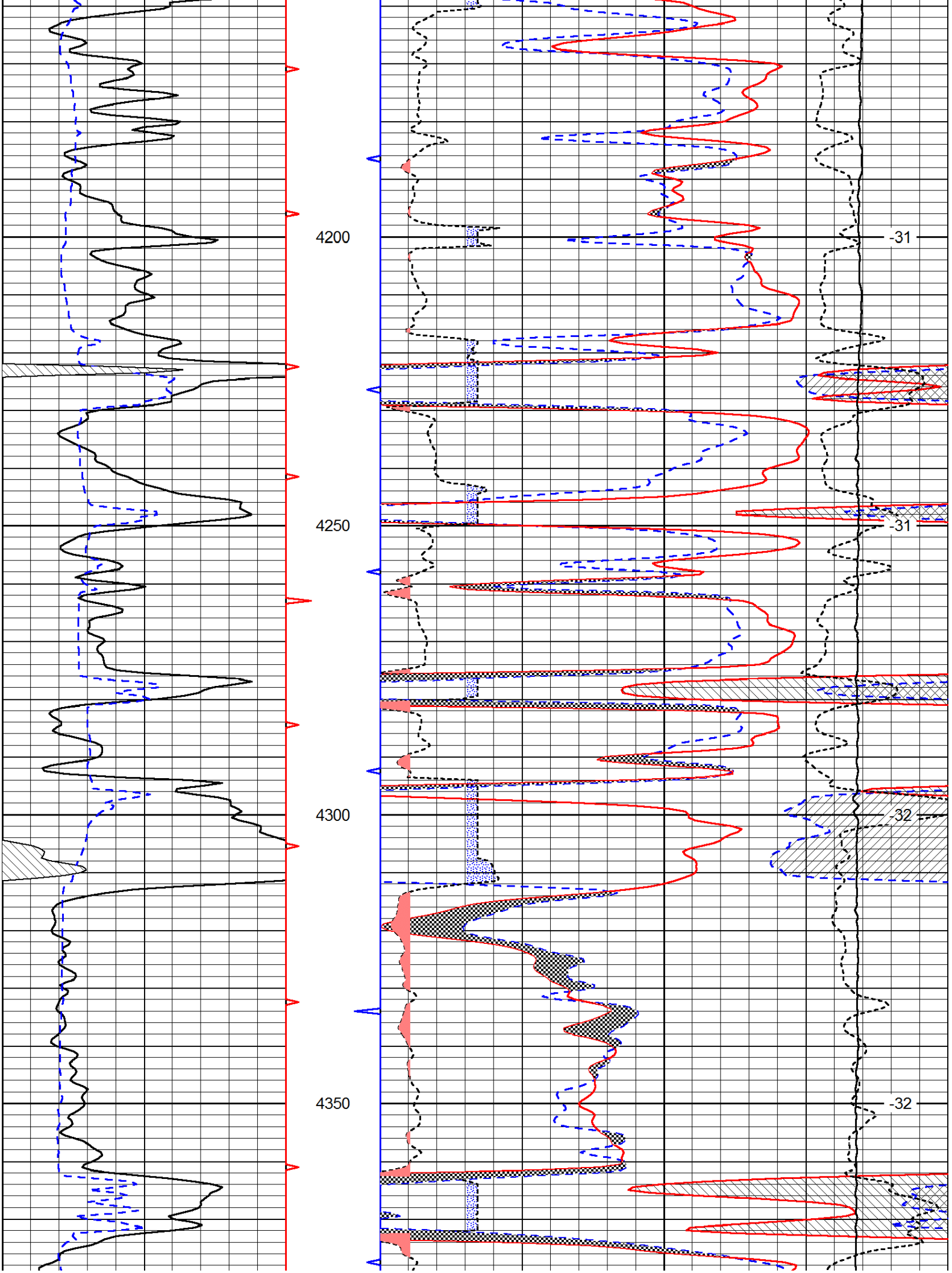

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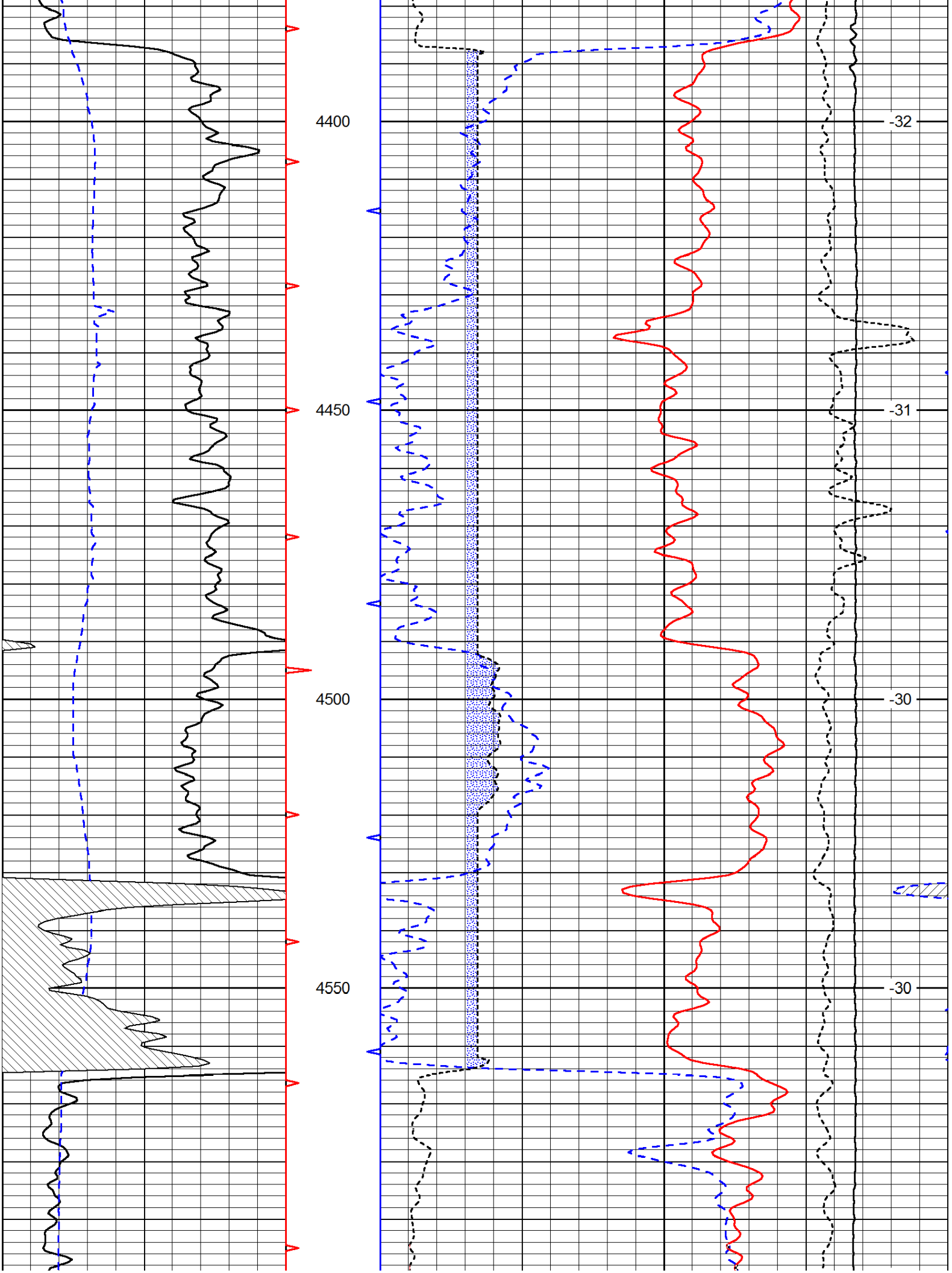

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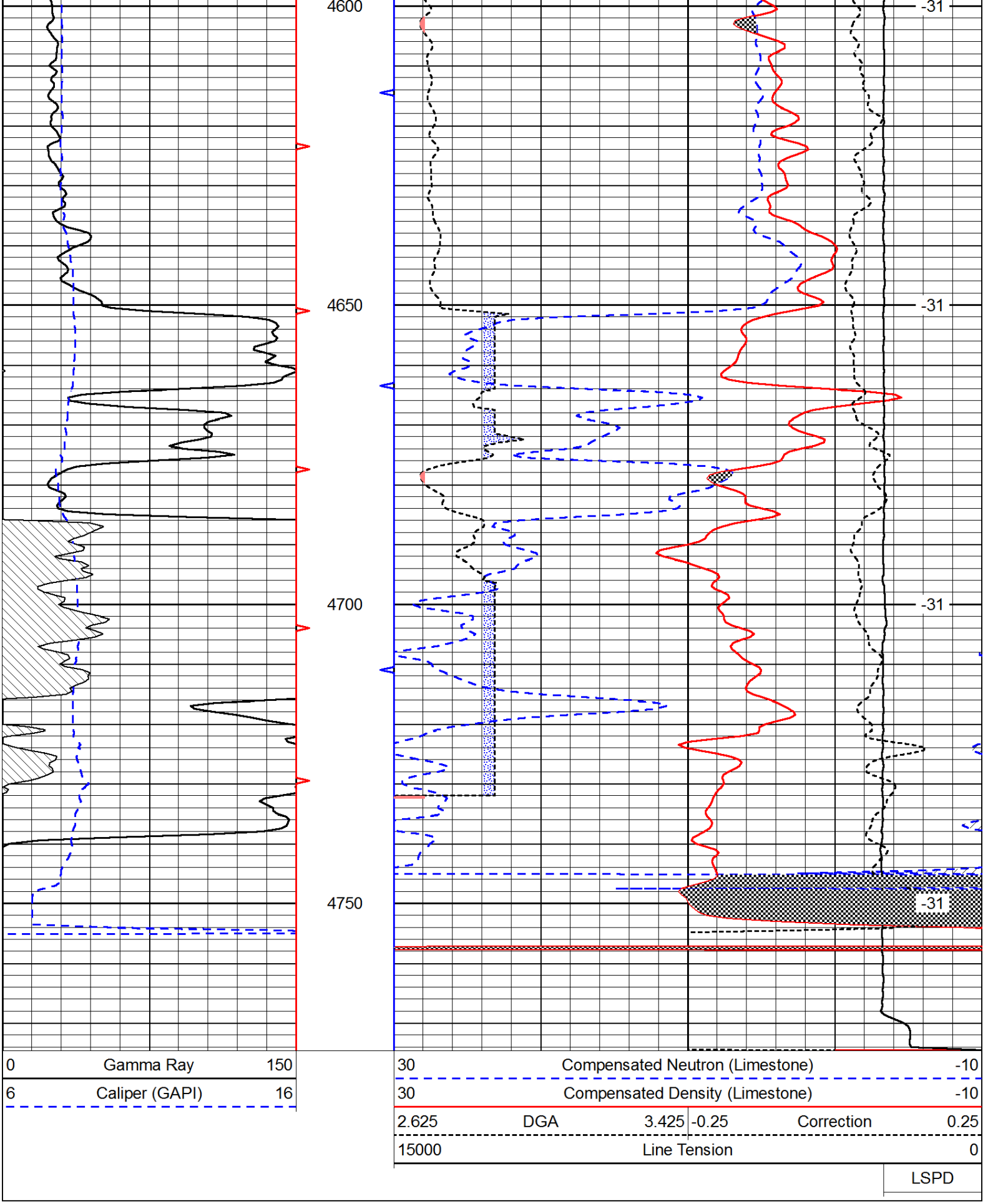

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DGA
3.425
-0.25
Correction
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Line Tension
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LSPD