PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-083-21853-00-00

Company Berexco, LLC

Well Charles #1-31

Field Wildcat

County Hodgeman State Kansas

Location 2260' FNL & 2090' FWL

Sec: 31 Twp: 23S Rge: 23W

Permanent Datum Ground Level Elevation 2453

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services
DIL
MEL

Elevation
K.B. 2466
D.F.
G.L. 2453

Date	10/22/2012
Run Number	One
Type Log	CNL / CDL
Depth Driller	4826
Depth Logger	4824
Bottom Logged Interval	4803
Top Logged Interval	3300
Type Fluid In Hole	Chemical
Salinity, PPM CL	3000
Density	9.5
Level	Full
Max. Rec. Temp. F	116
Operating Rig Time	5 Hours
Equipment -- Location	91 Hays
Recorded By	D. Schmidt
Witnessed By	David Gould

Borehole Record

Run No.	Bit	From	To
1	12.25	00	330
2	7.875	330	4826

Casing Record

Size	Wgt.	From	To
8.625	24#	00	330

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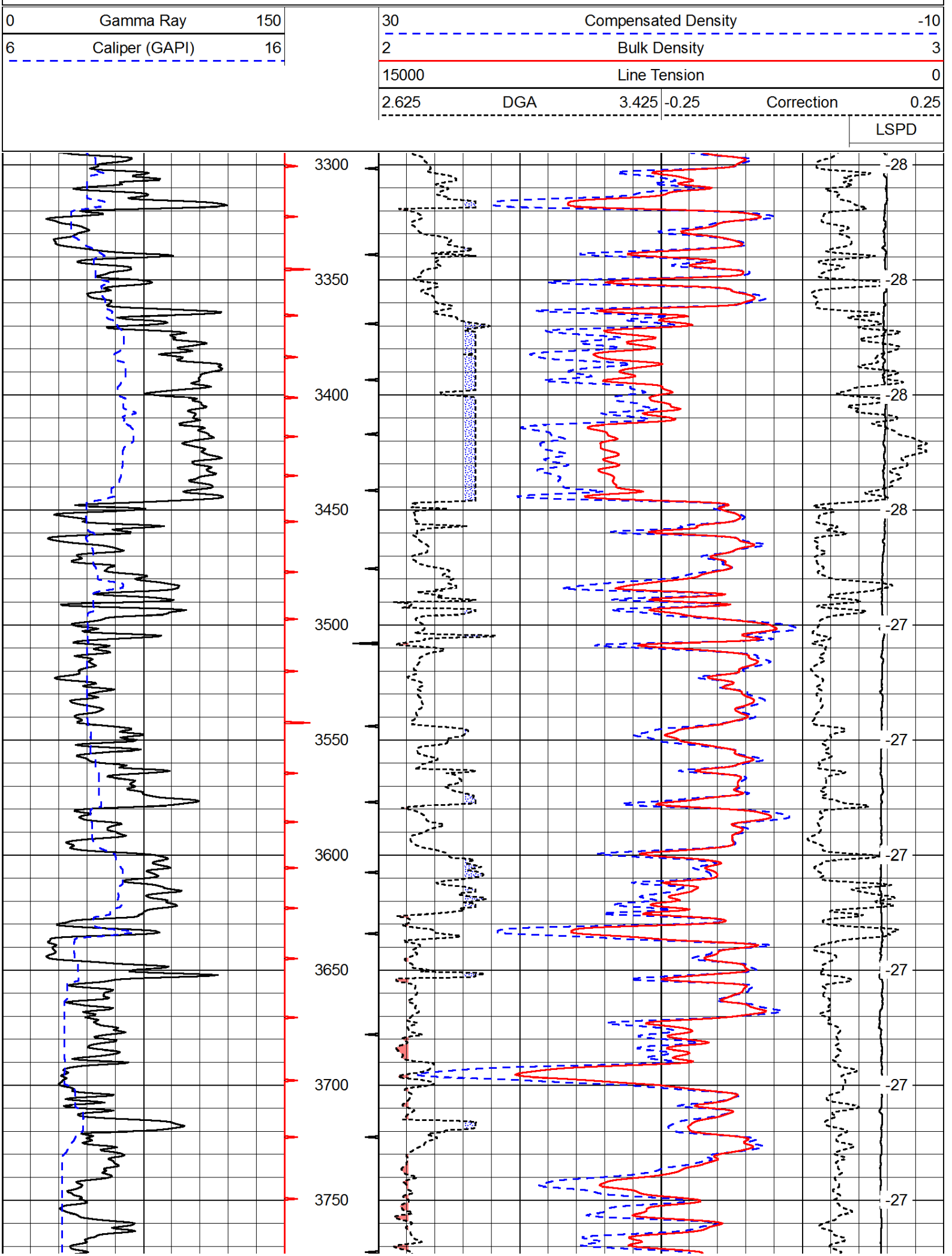
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

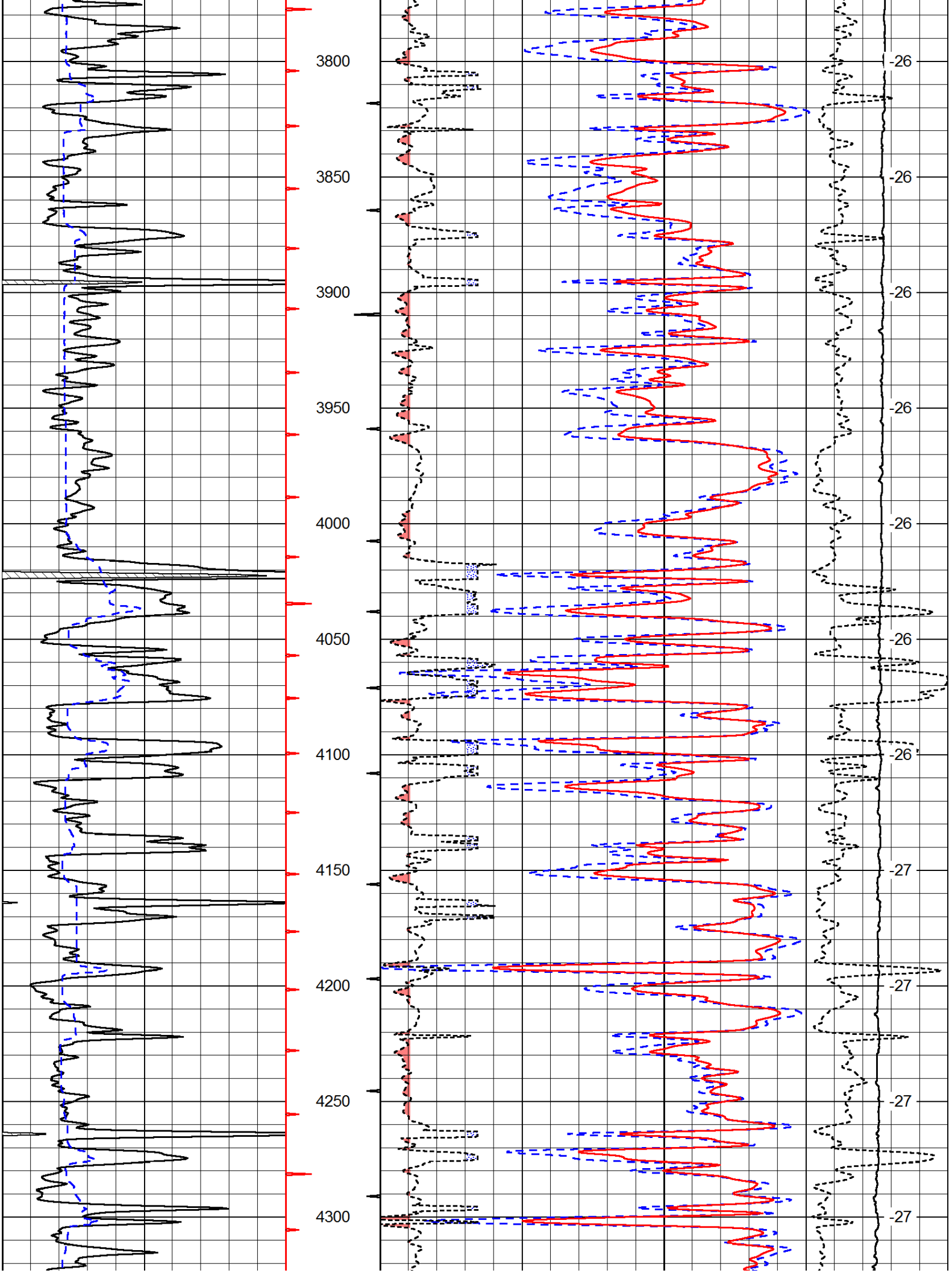
Comments

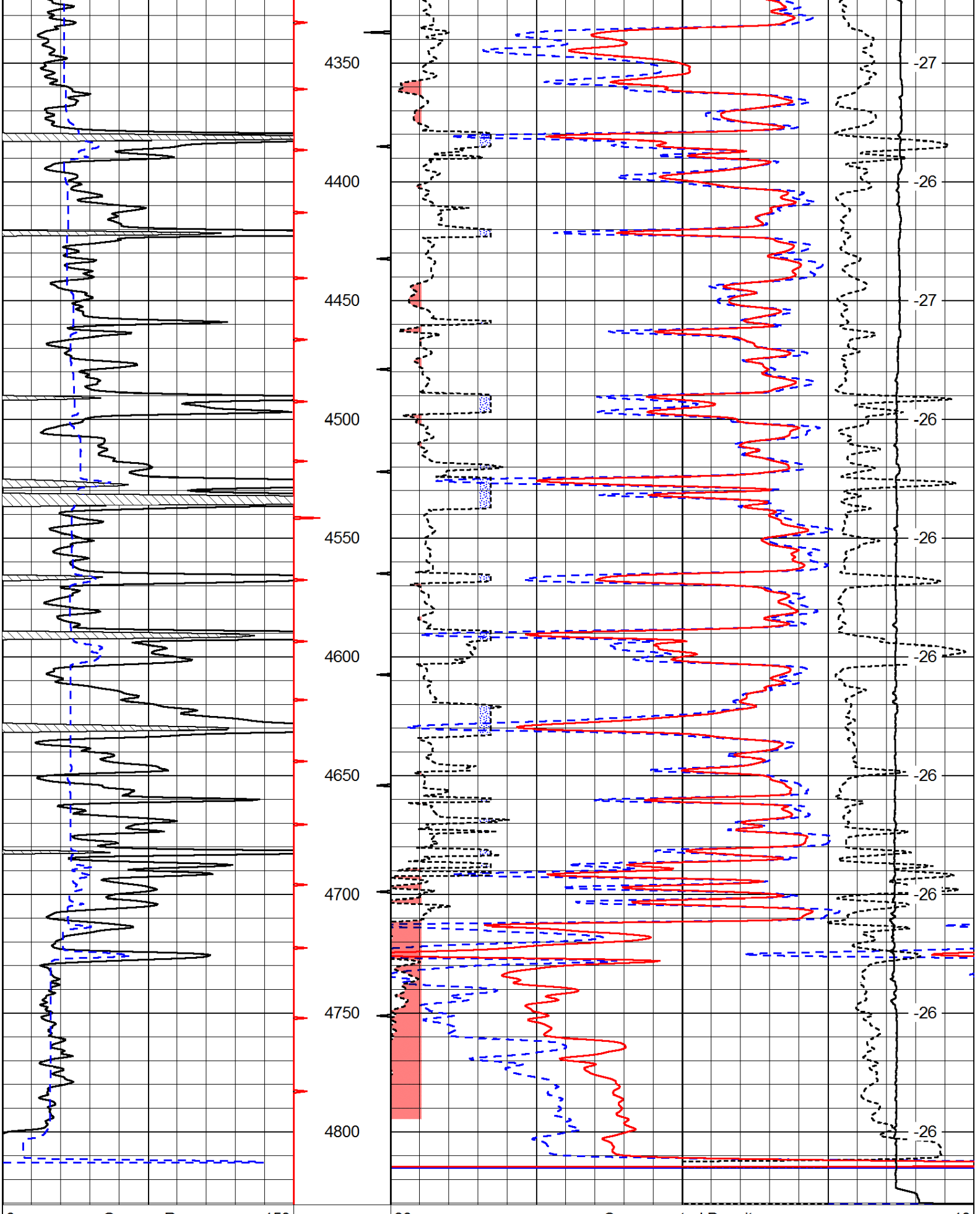
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

Jetmore,
6 South to G Rd, 1/2 East past TB,
North into

Database File:	c:\warrior\data\berexco_charles #1-31\berexco_102212hd.db
Dataset Pathname:	dil/bxstack
Presentation Format:	cdl
Dataset Creation:	Mon Oct 22 08:37:57 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
3300
3350
3400
3450
3500
3550
3600
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3750
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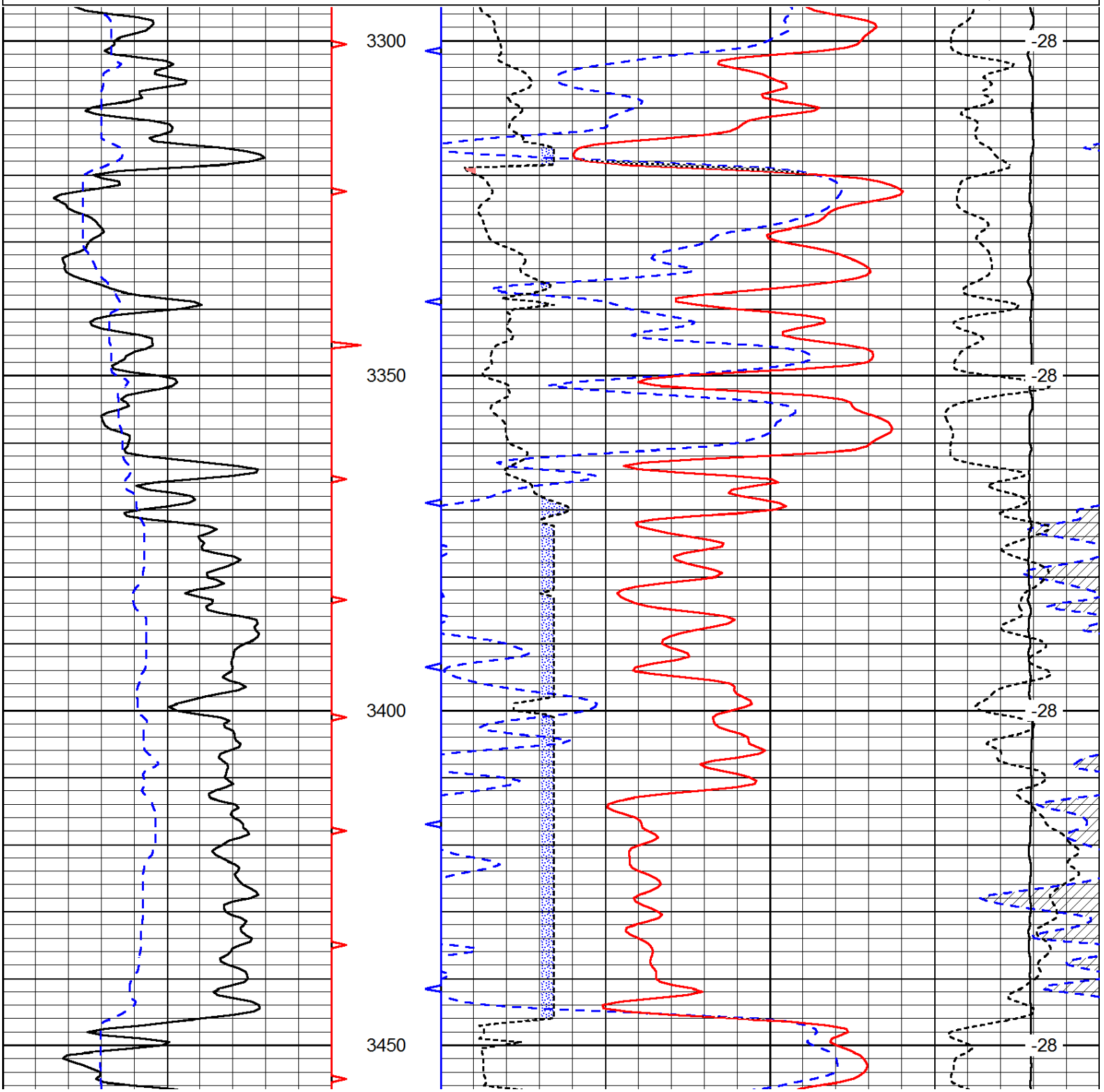
LSPD

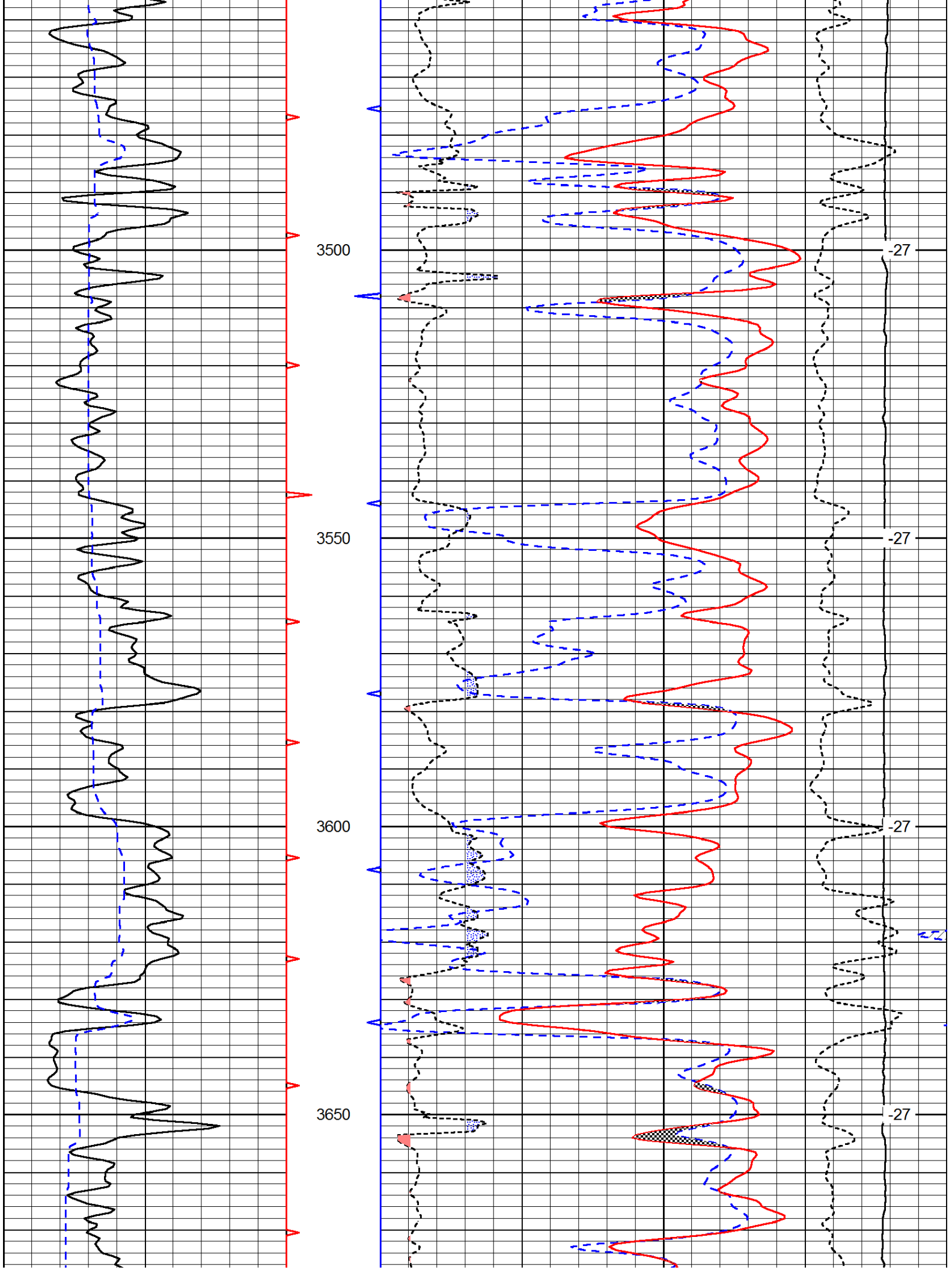
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Presentation Format: cndlspec
Dataset Creation: Mon Oct 22 08:37:57 2012
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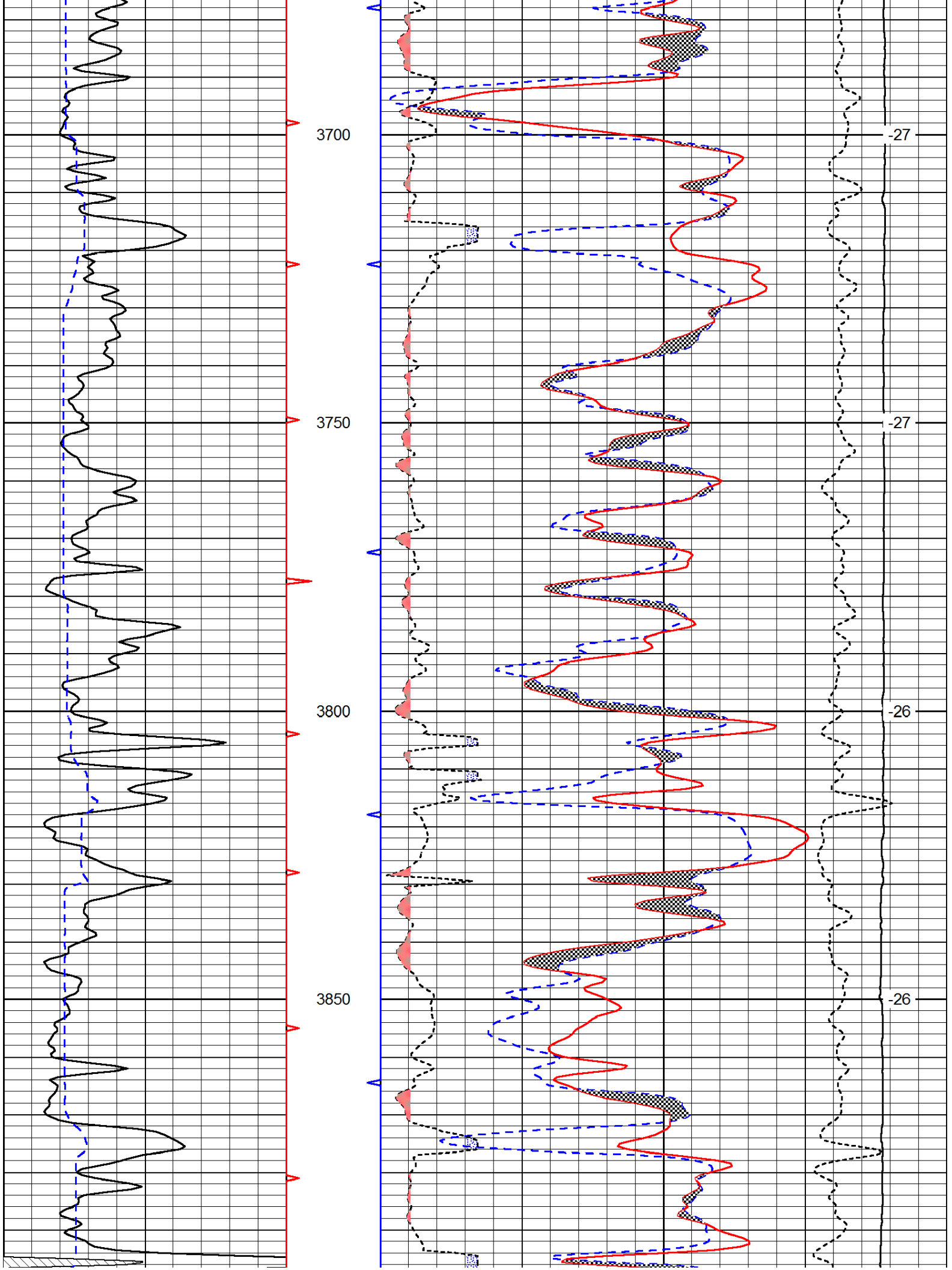
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6	Caliper (GAPI)	16

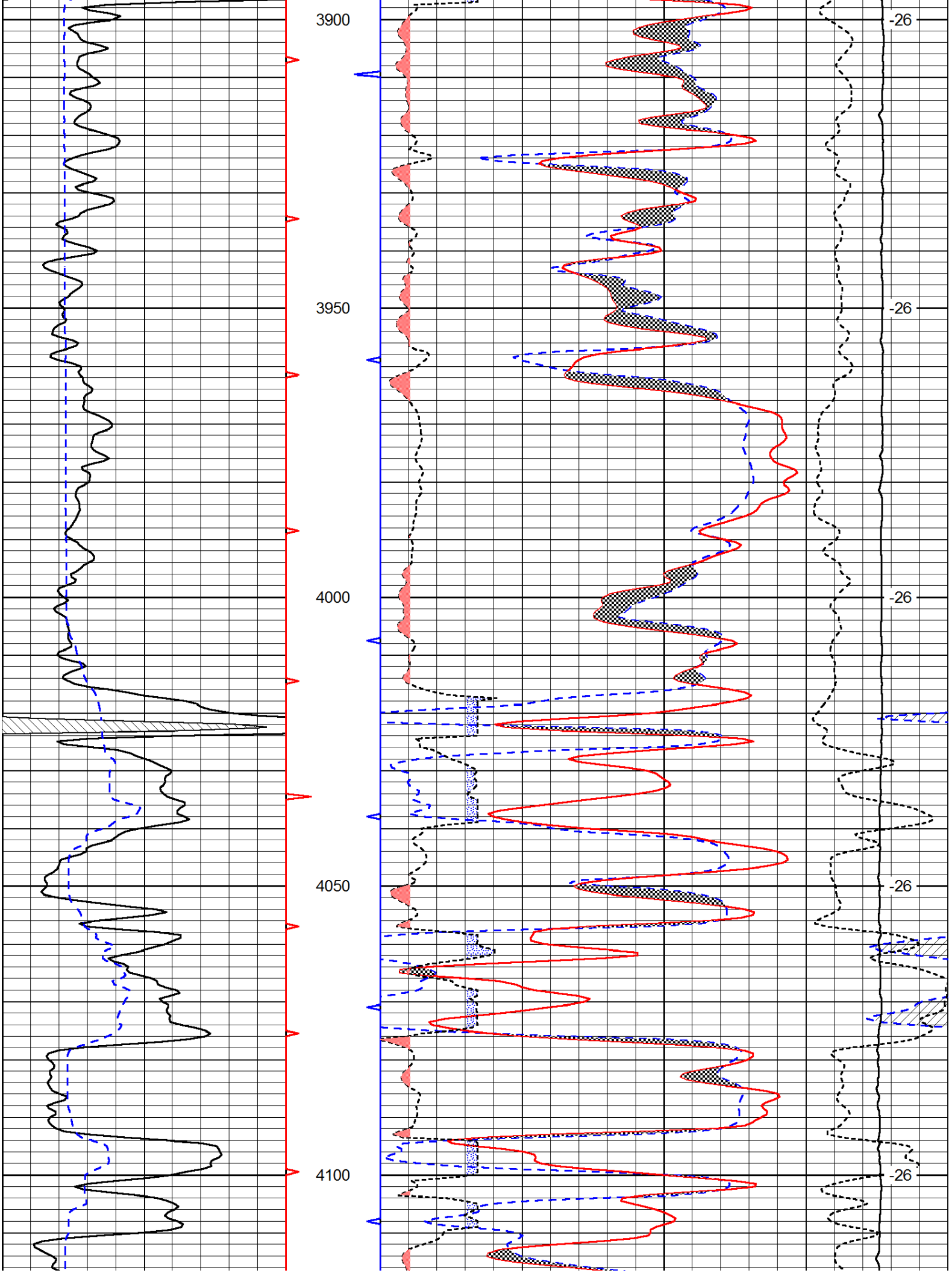
30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0

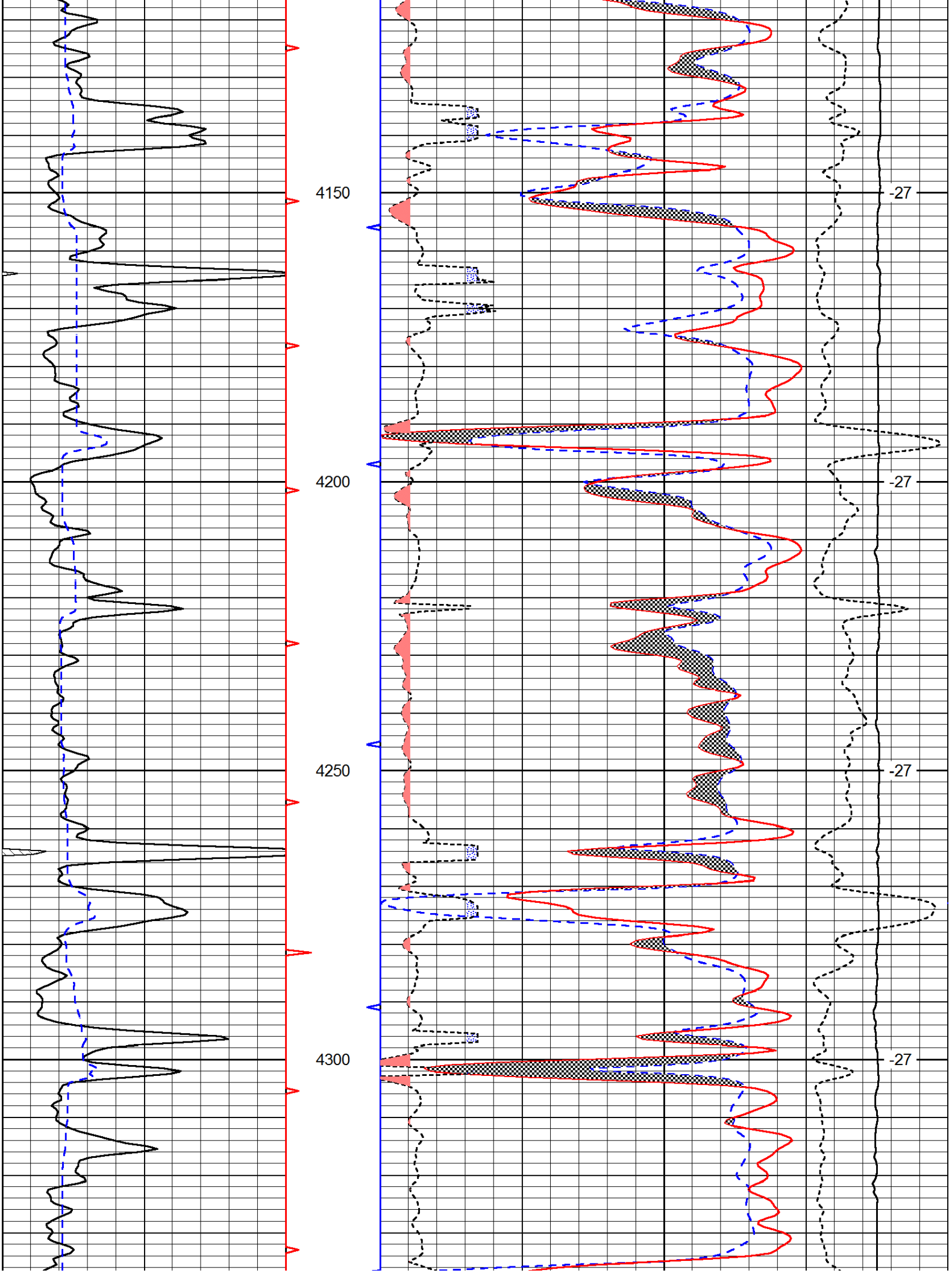
LSPD

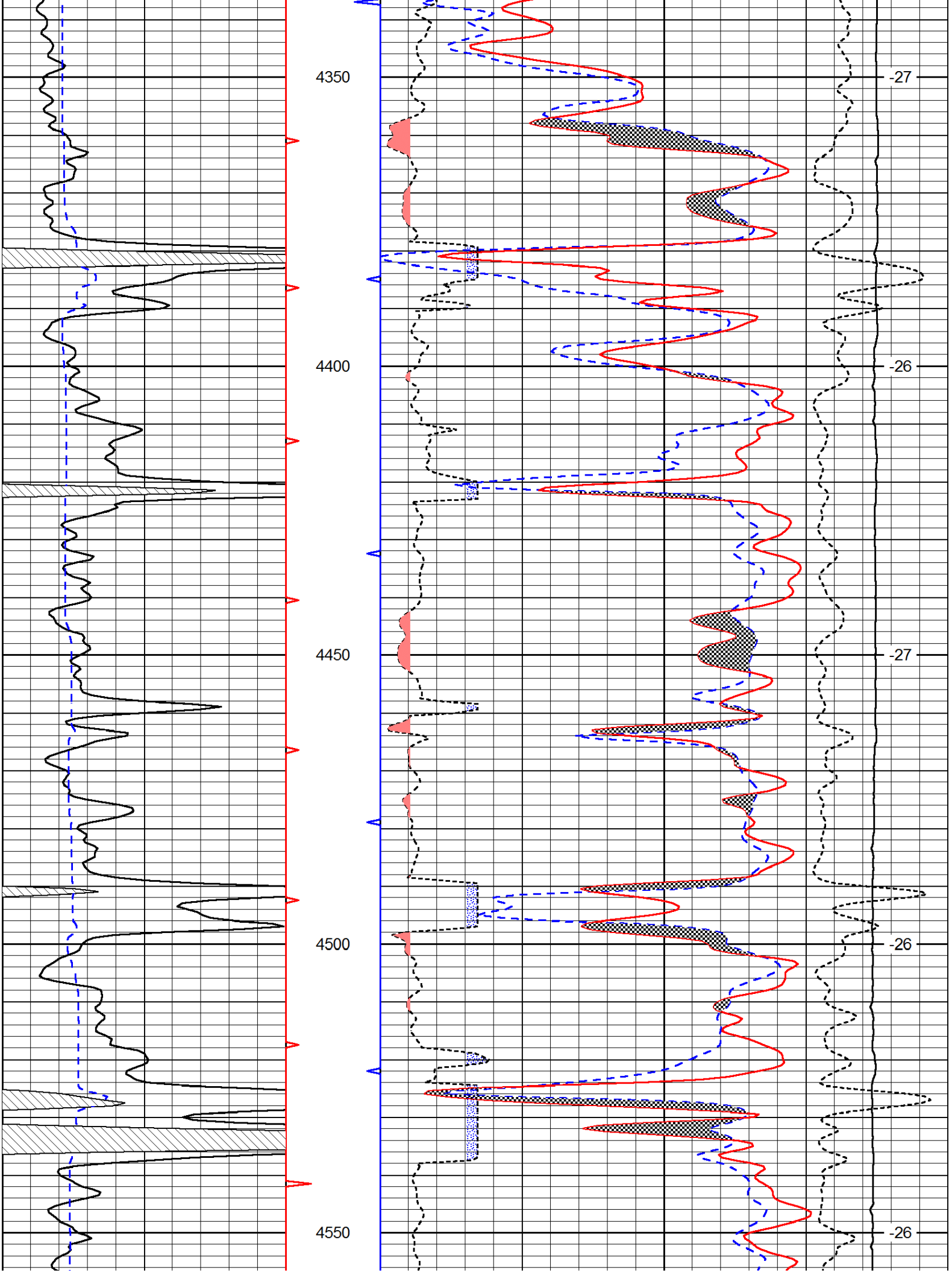


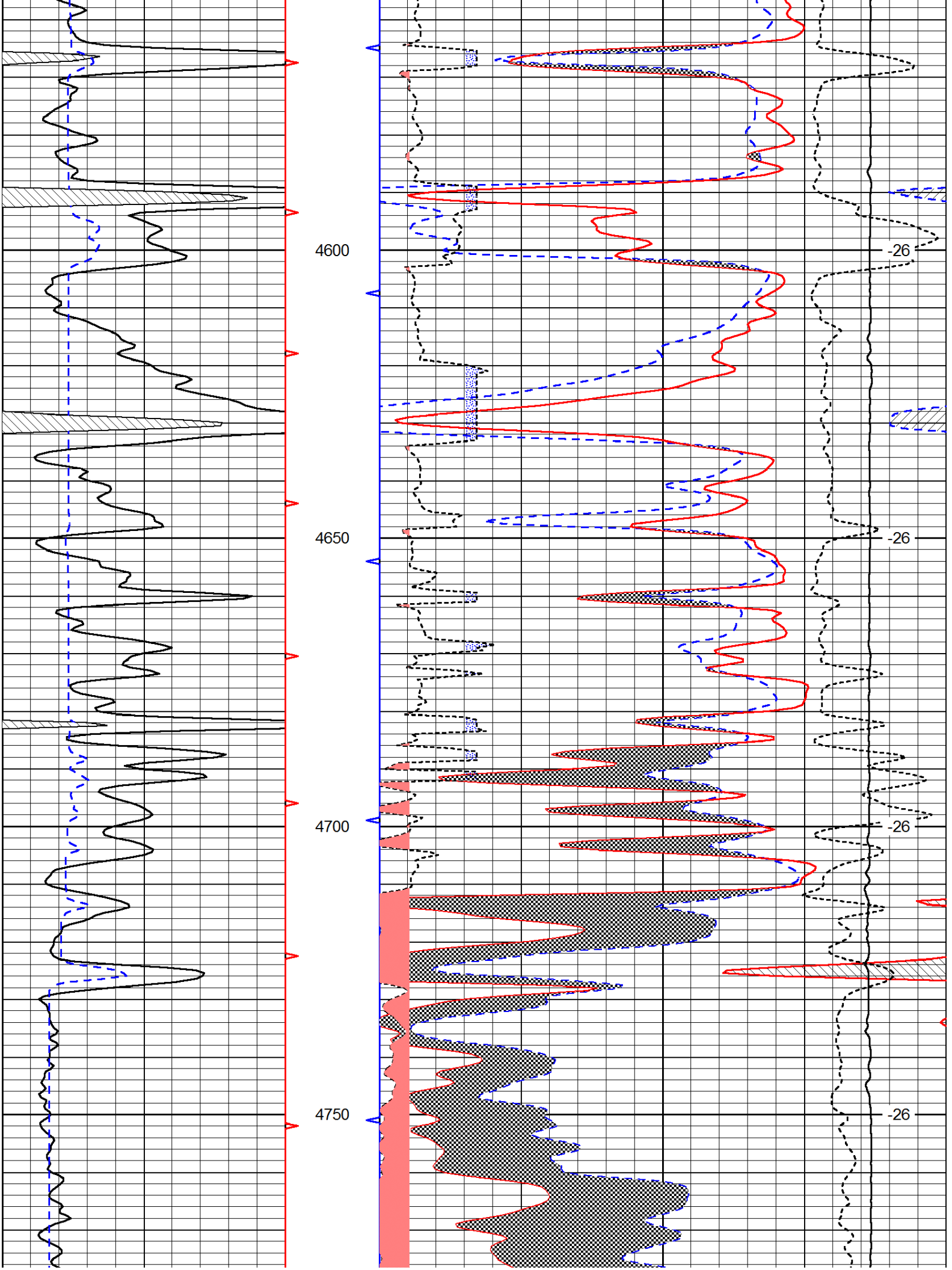

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-27

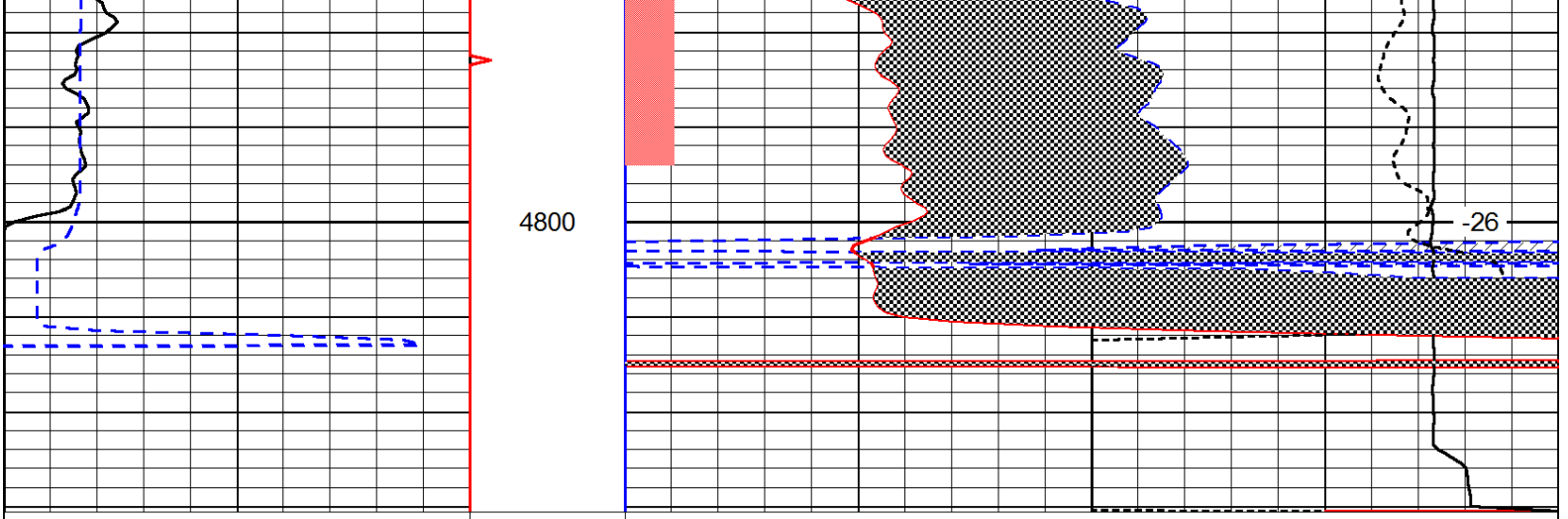

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0	Gamma Ray	150
6	Caliper (GAPI)	16

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					LSPD

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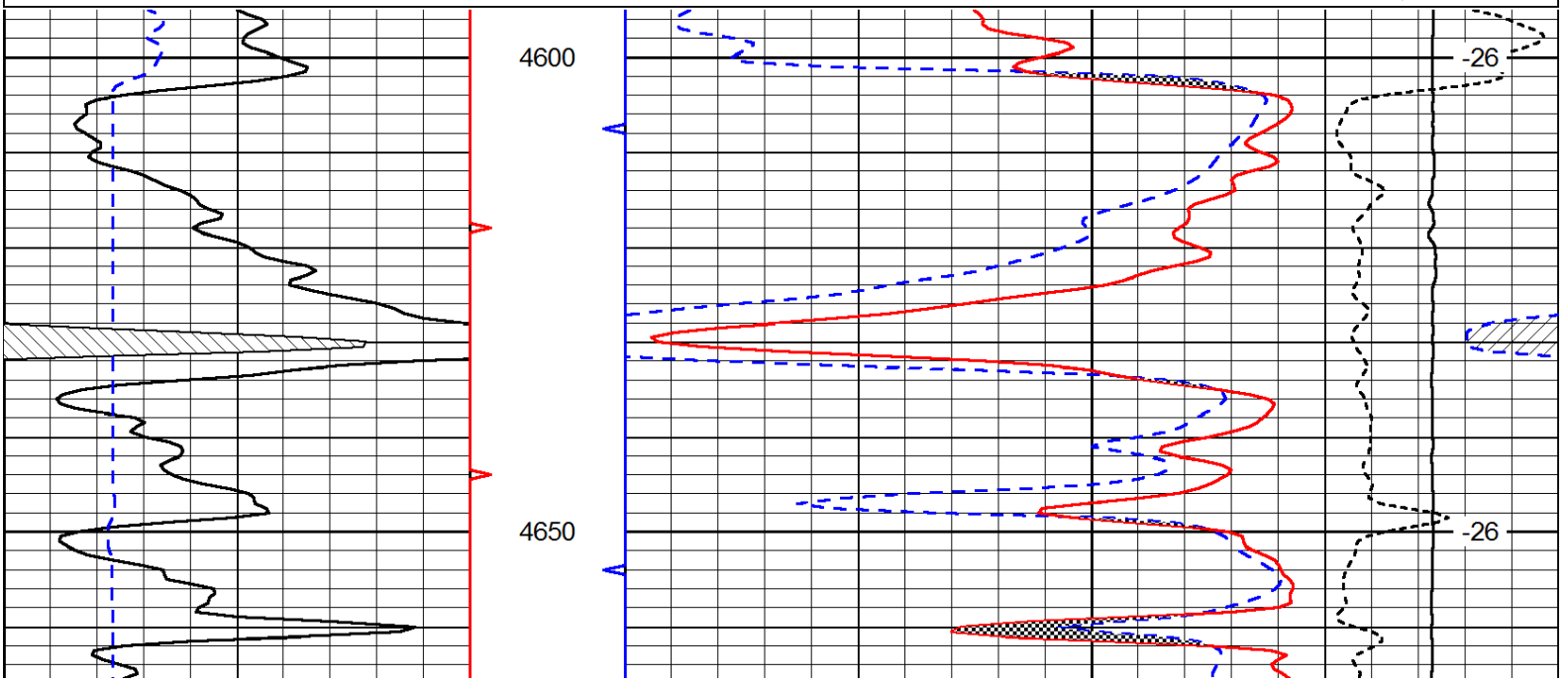
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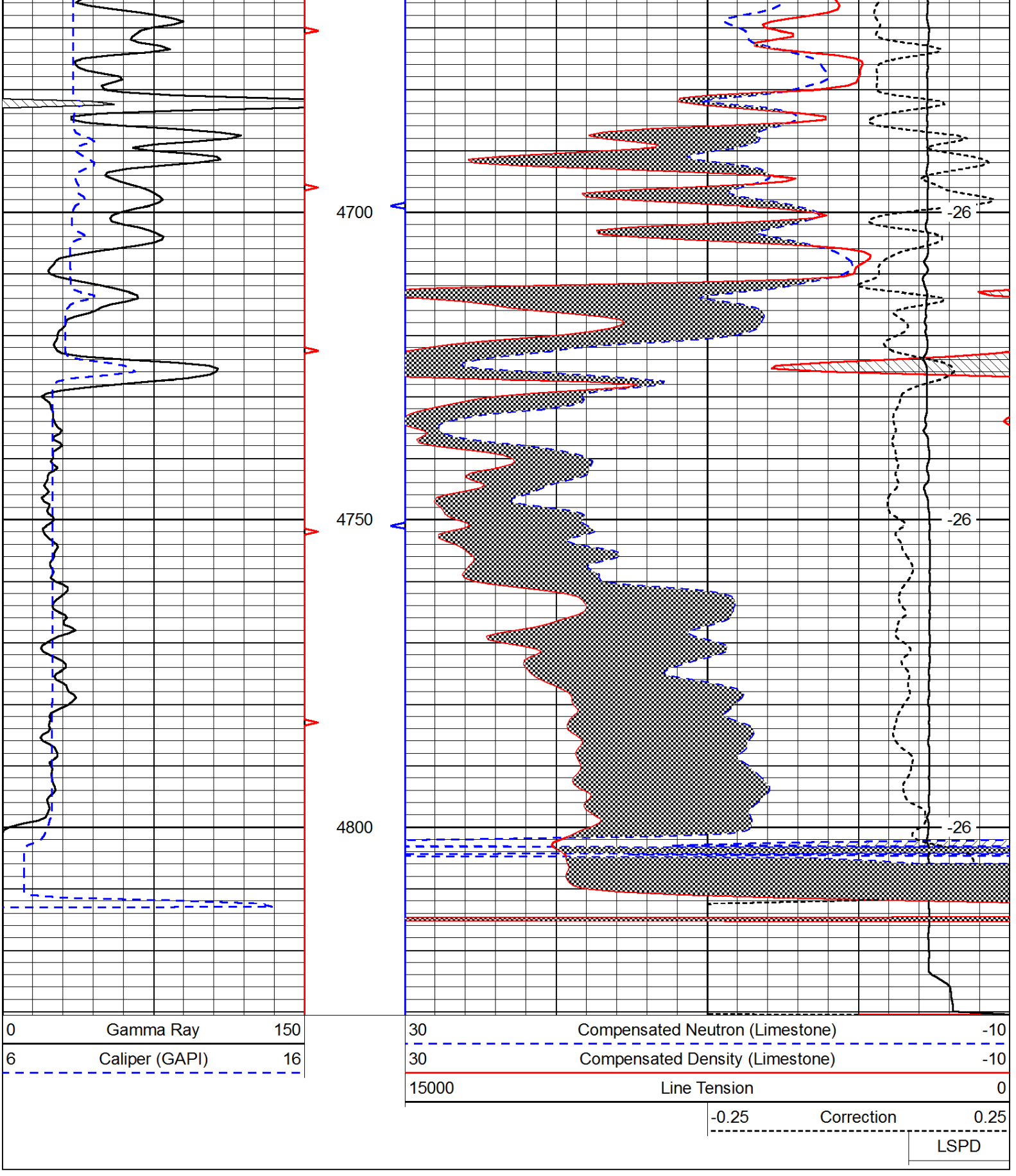
Repeat Section

Database File:	c:\warrior\data\berexco_charles #1-31\berexco_102212hd.db
Dataset Pathname:	dil/stckrpt
Presentation Format:	cndlspec
Dataset Creation:	Mon Oct 22 07:09:28 2012
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
15000	Line Tension				0
			-0.25	Correction	0.25
					LSPD




4700
4750
4800
-26
-26
-26
0
Gamma Ray
150
6
Caliper (GAPI)
16
30
Compensated Neutron (Limestone)
-10
30
Compensated Density (Limestone)
-10
15000
Line Tension
0
-0.25
Correction
0.25
LSPD