LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-185-23,553-00-00

Company Murfin Drilling Company, Inc.

Well Fischer- Hullman No. 1-12

Field Drach

County Stafford State Kansas

Location 330' FNL & 150' FWL

Sec: 12 Twp: 22 S Rge: 13 W

Permanent Datum	Ground Level	Elevation 1878	
Log Measured From	Kelly Bushing	11	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Date	10/20/2008
Run Number	One
Type Log	CNL / CDL
Depth Driller	3800
Depth Logger	3800
Bottom Logged Interval	3779
Top Logged Interval	2800
Type Fluid In Hole	Chemical
Salinity, PPM CL	8,300
Density	9.2
Level	Full
Max. Rec. Temp. F	116
Operating Rig Time	5 Hours
Equipment -- Location	4 Hays
Recorded By	B. Reiners
Witnessed By	Terry McCleod

Other Services
DIL
MEL/BHCS

Elevation
K.B. 1889
D.F.
G.L. 1878

Borehole Record

Run No	Bit	From	To
1	12.25	00	732
2	7.875	732	3800

Casing Record

Size	Wgt.	From	To
8.625	24#	00	732

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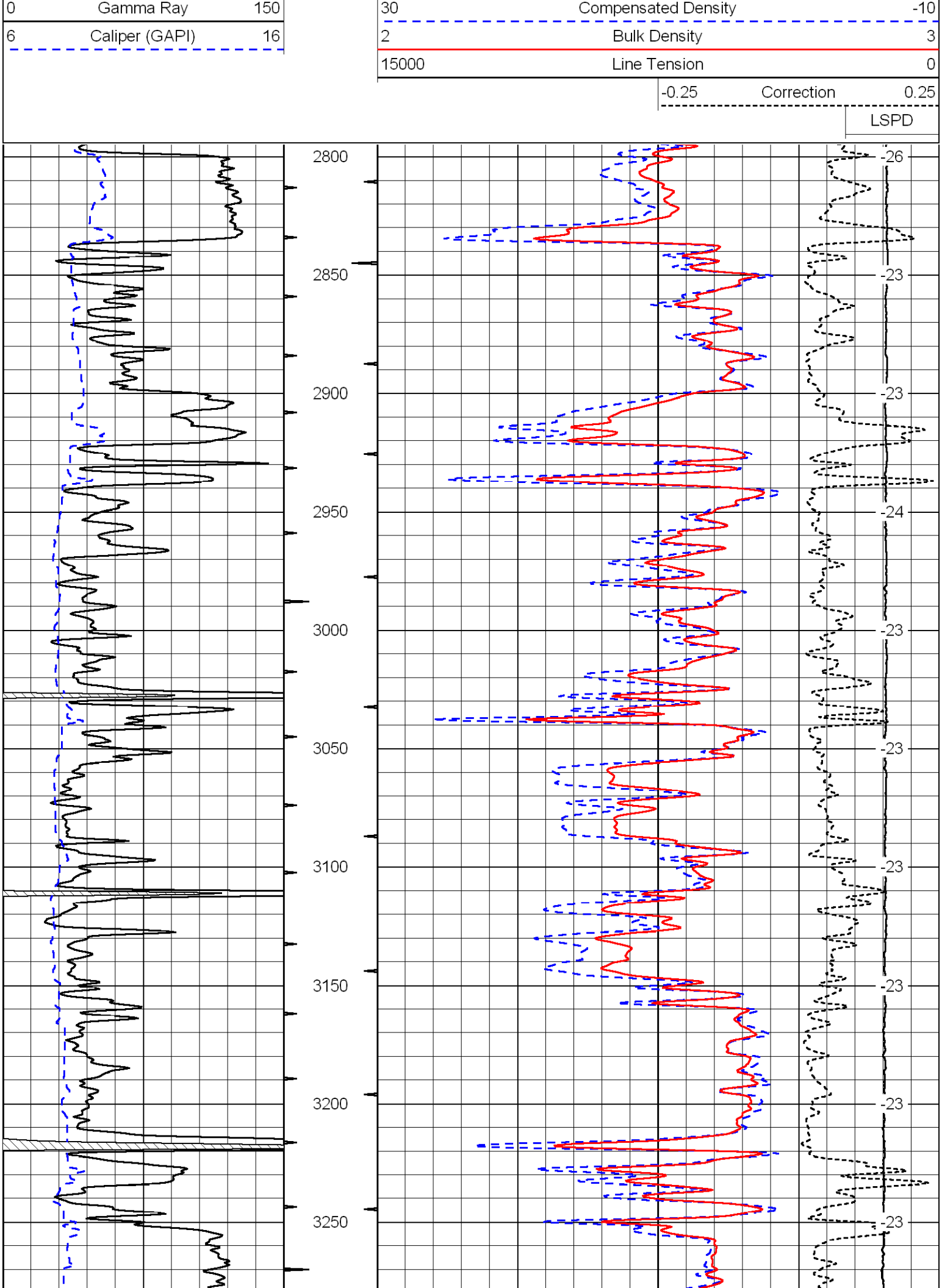
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Great Bend, S to Hwy 19,
E 2, S Into

Database File: c:\warrior\data\murfin_fischer- hullman no. 1-12\murfinhd.db
Dataset Pathname: dil/murfstk
Presentation Format: cdl
Dataset Creation: Mon Oct 20 12:32:58 2008
Charted by: Depth in Feet scaled 1:600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6 Caliper (GAPI) 16
30 Compensated Density -10
2 Bulk Density 3
15000 Line Tension 0
-0.25 Correction 0.25
LSPD
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
-26
-23
-23
-24
-23
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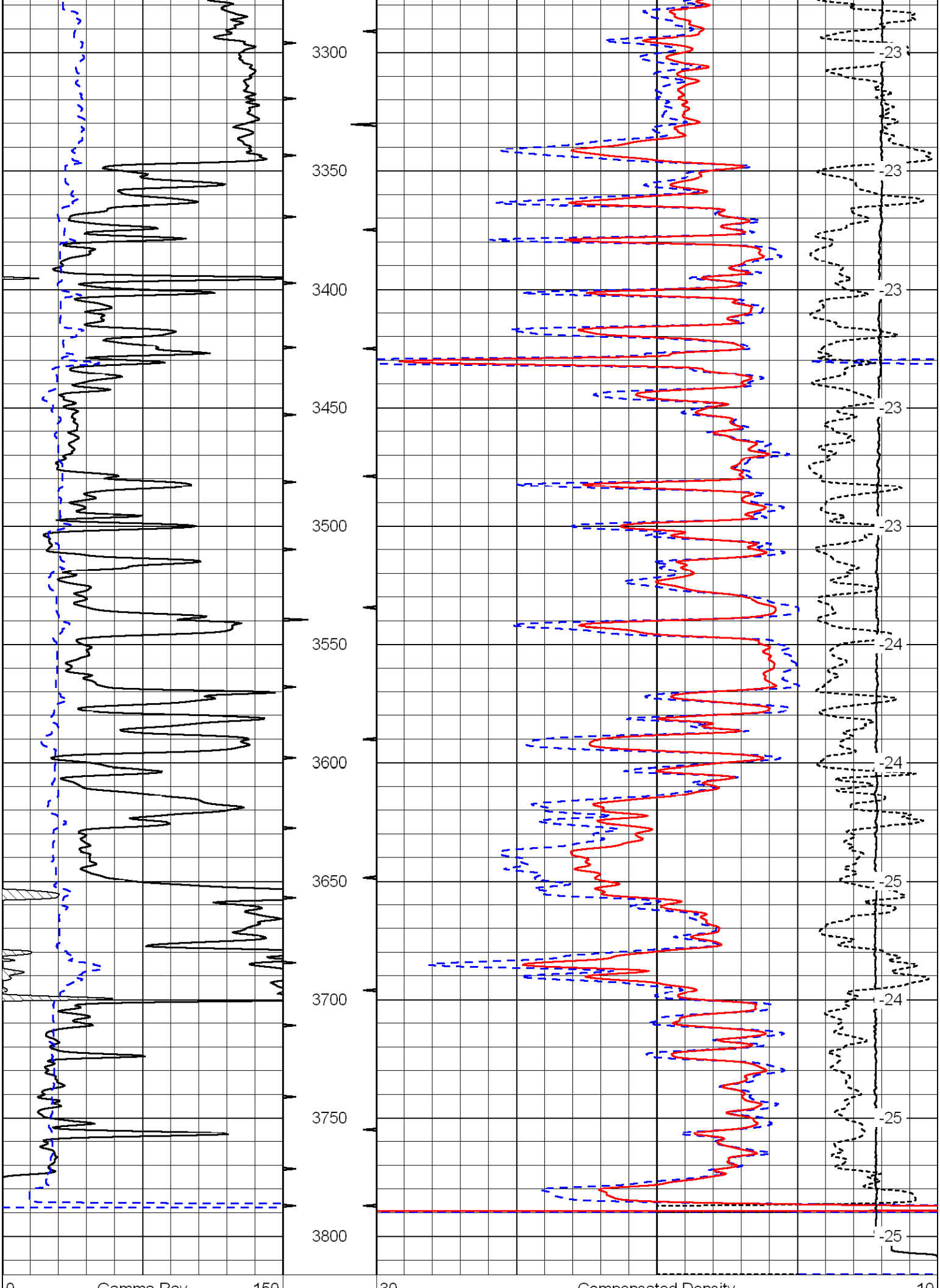
-23
-23
-23
-23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3350
3400
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3500
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3650
3700
3750
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-23
-23
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-23
-24
-24
-24
-25
-25
-25
0
Gamma Ray
150
30
Compensated Density
10

0	Gamma Ray	150
6	Caliper (GAPI)	16

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

Database File: c:\warrior\data\murfin_fischer- hullman no. 1-12\murfinhd.db
Dataset Pathname: dil/murfstk
Presentation Format: cndlspec
Dataset Creation: Mon Oct 20 12:32:58 2008
Charted by: Depth in Feet scaled 1:240

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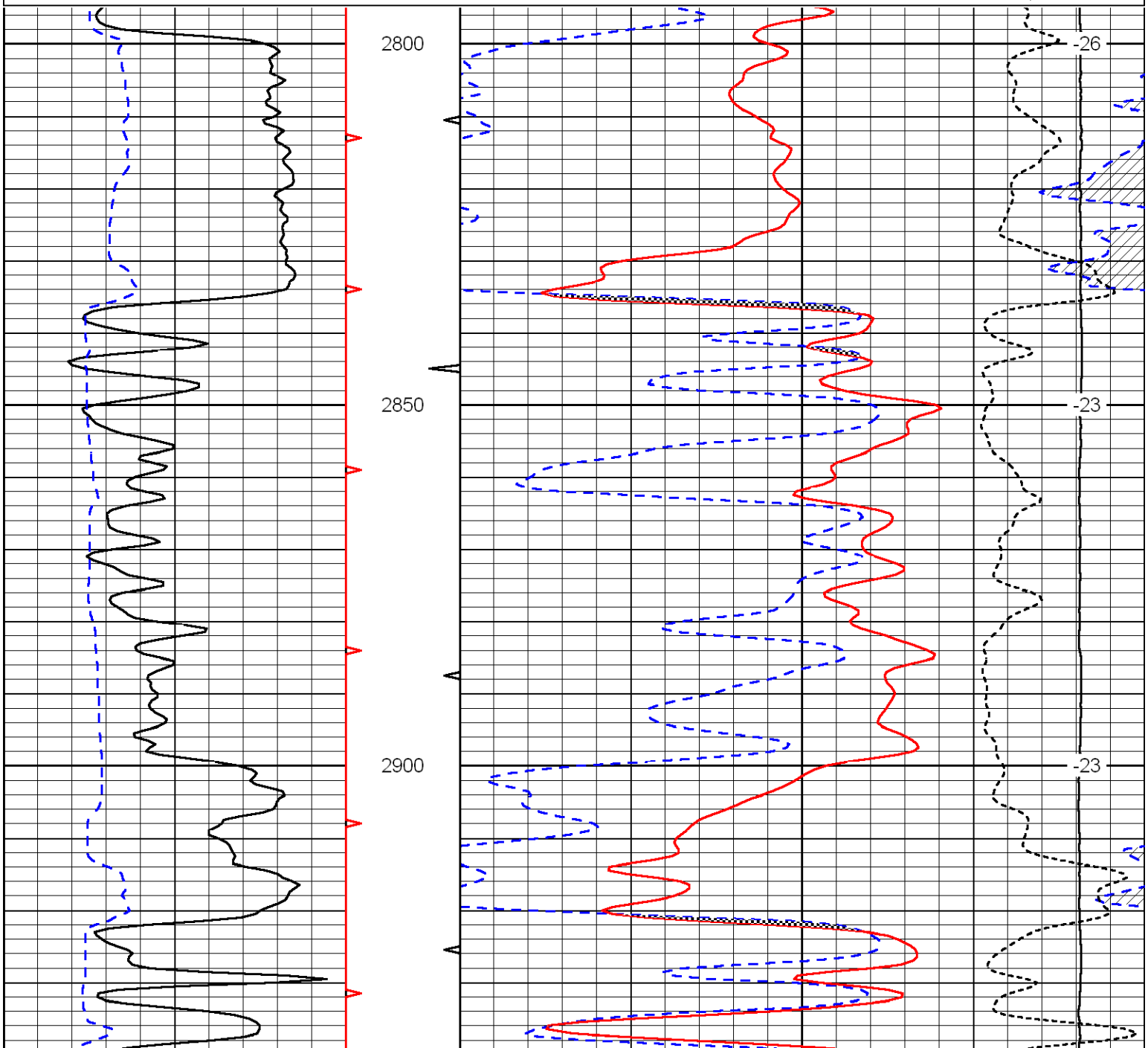
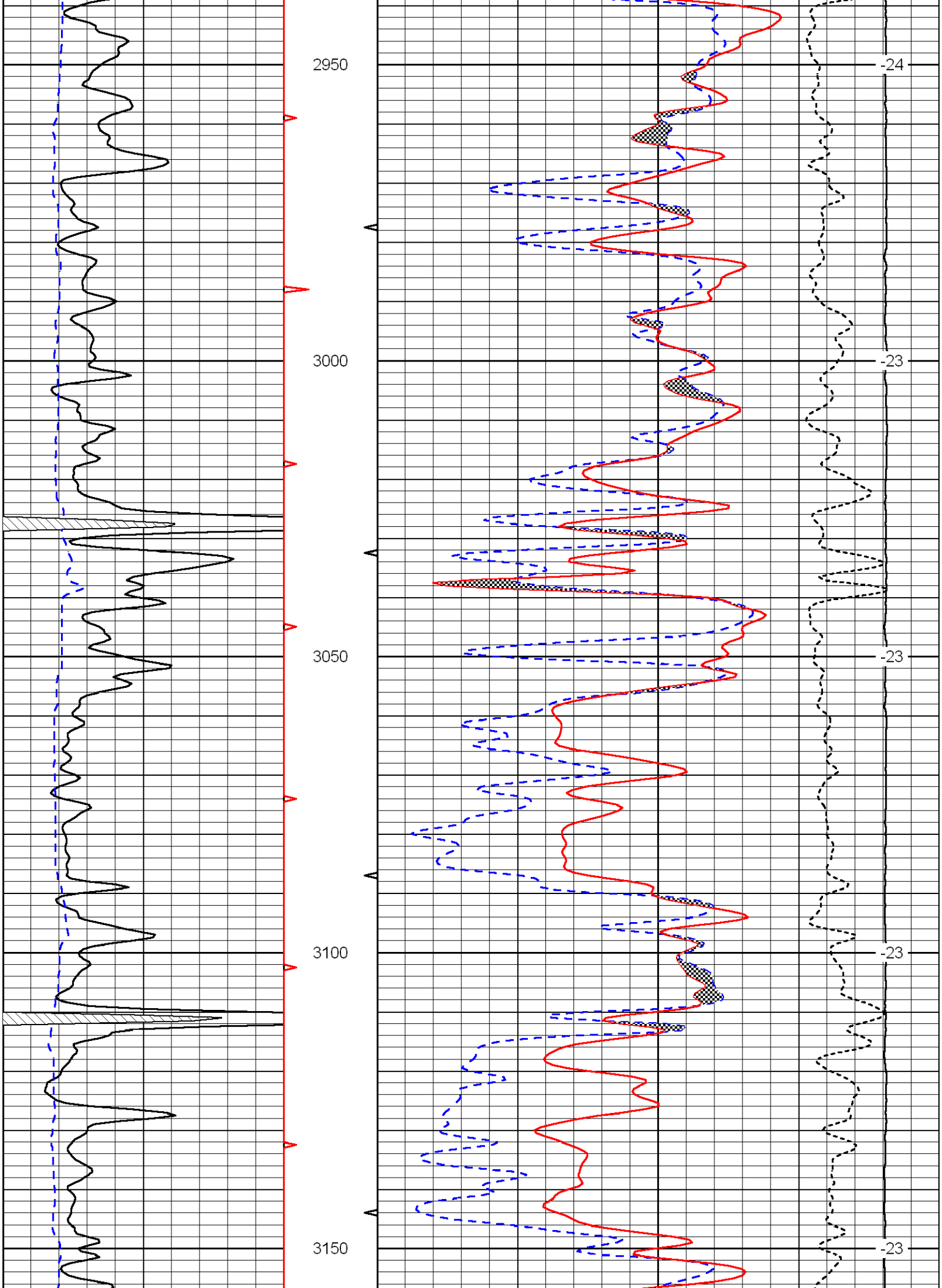
6	Caliper (GAPI)	16

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

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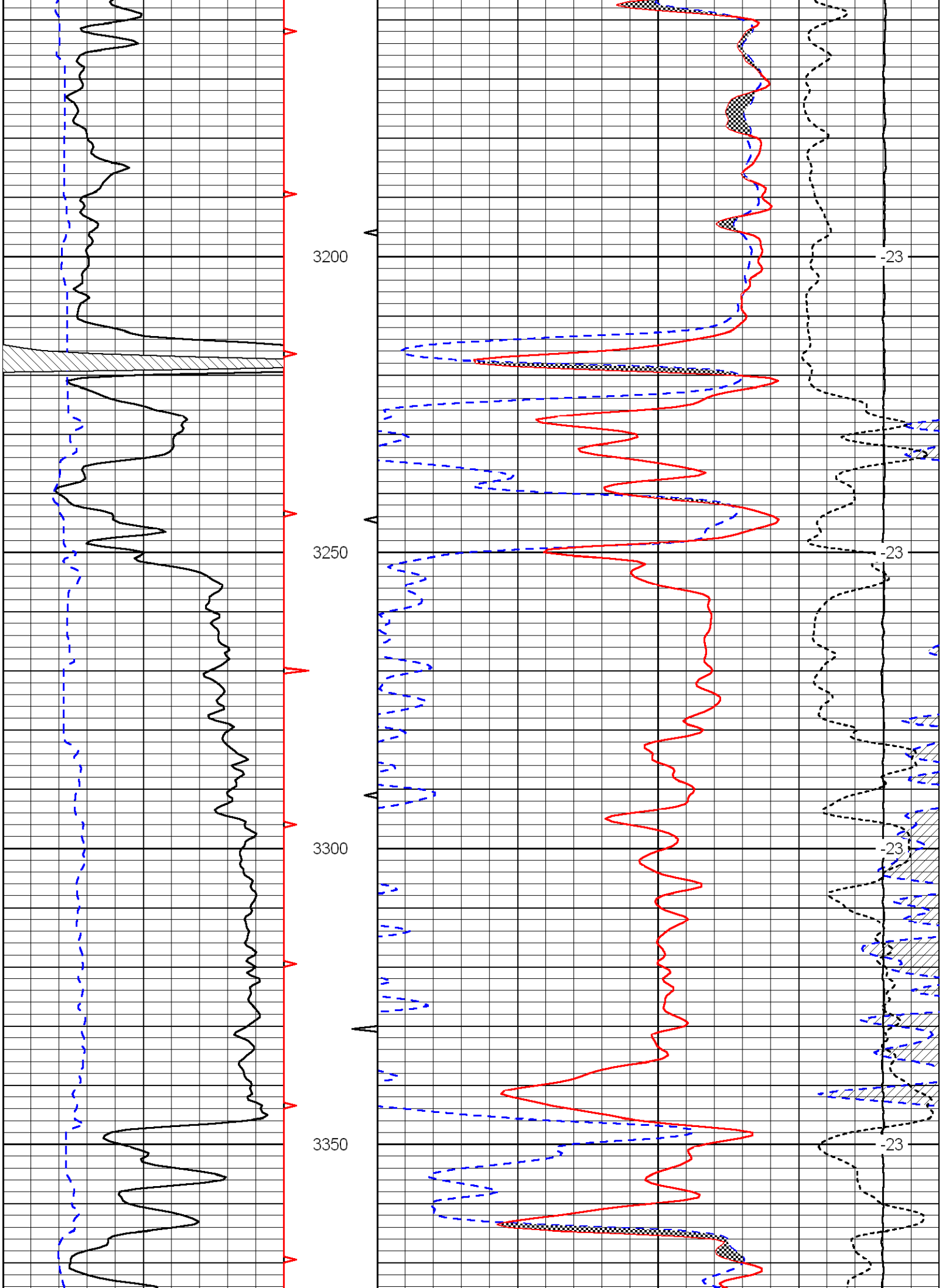
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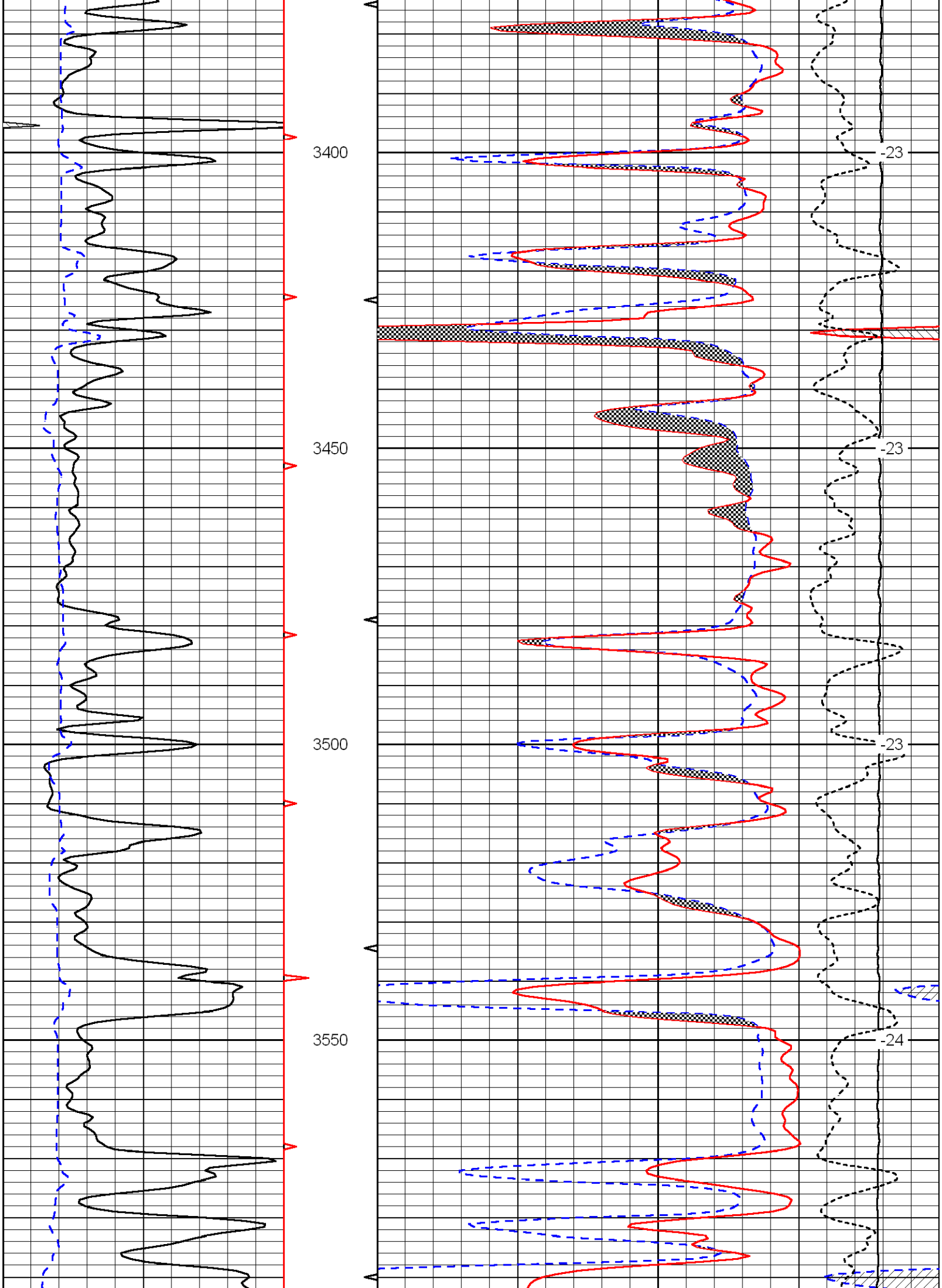
-23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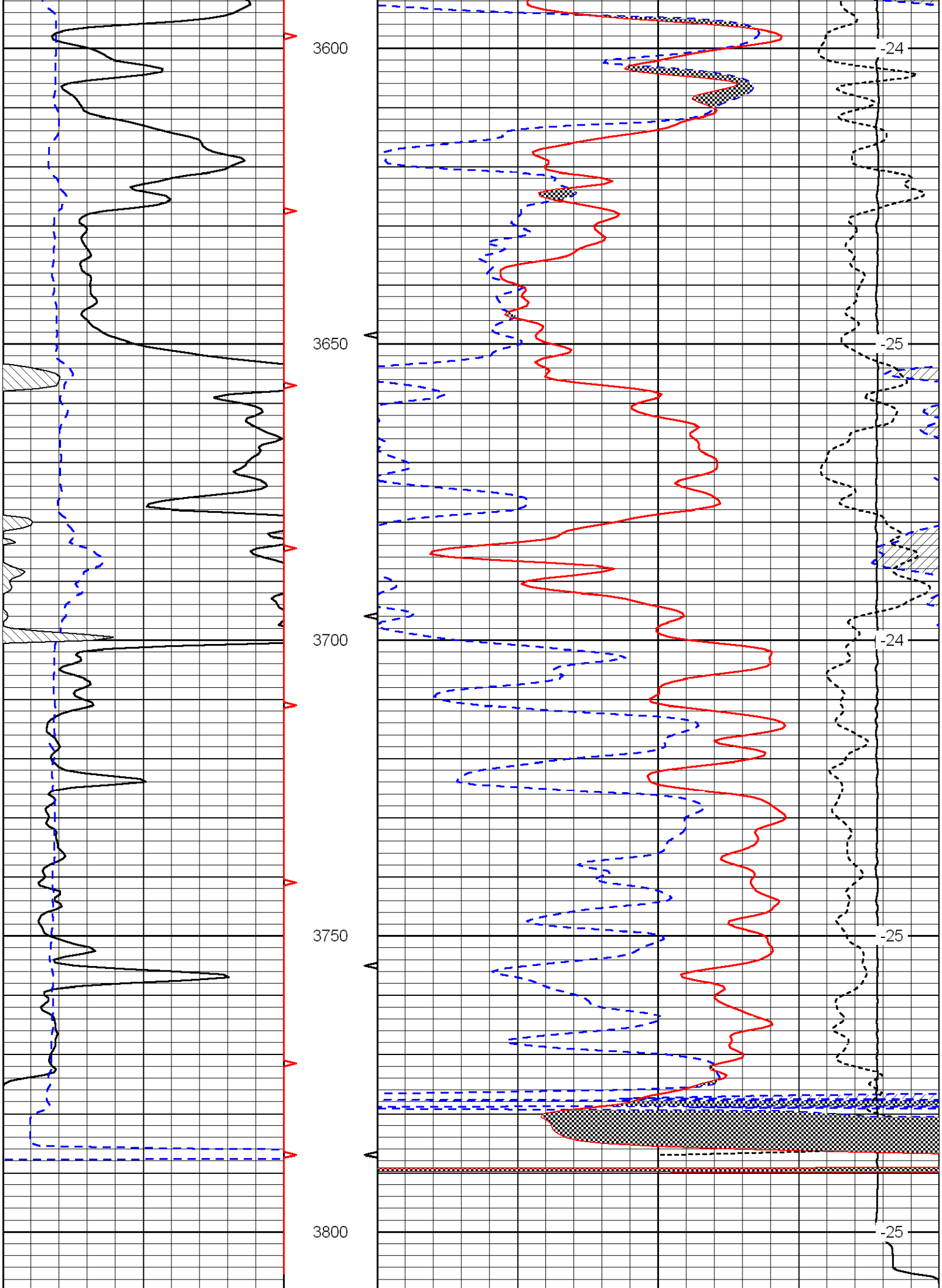
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3750
3800
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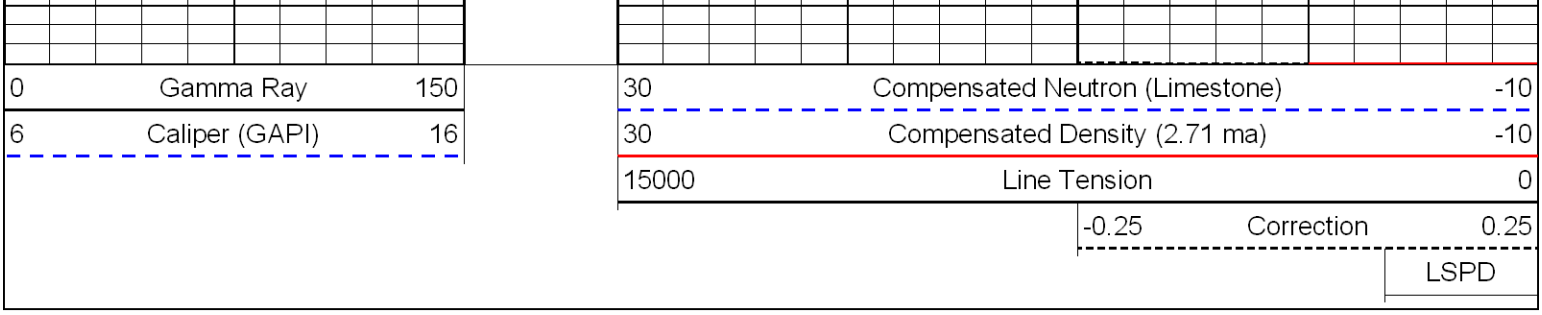
0 Gamma Ray 150
6 Caliper (GAPI) 16
30 Compensated Neutron (Limestone) -10
30 Compensated Density (2.71 ma) -10
15000 Line Tension 0
-0.25 Correction 0.25
LSPD