LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-039-21124-00-00

Company Murfin Drilling Company, Inc.

Well Urban #1-32

Field Wildcat

County Decatur State Kansas

Location 1000' FNL & 1650' FWL

Sec: 32 Twp: 1S Rge: 29W

Other Services: DIL

Elevation: K.B. 2758, D.F. , G.L. 2753

Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Elevation	2753
Date	2/10/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	4015
Depth Logger	4013
Bottom Logged Interval	3992
Top Logged Interval	3000
Type Fluid In Hole	Chemical
Salinity, PPM CL	1200
Density	9.0
Level	Full
Max. Rec. Temp. F	116
Operating Rig Time	6 Hours
Equipment -- Location	4 Hays
Recorded By	R. Barnhart
Witnessed By	Paul Gunzelman

Borehole Record

Run No.	Bit	From	To
1	12.25	00	304
2	7.875	304	4015

Casing Record

Size	Wgt.	From	To
8.625	24#	00	304

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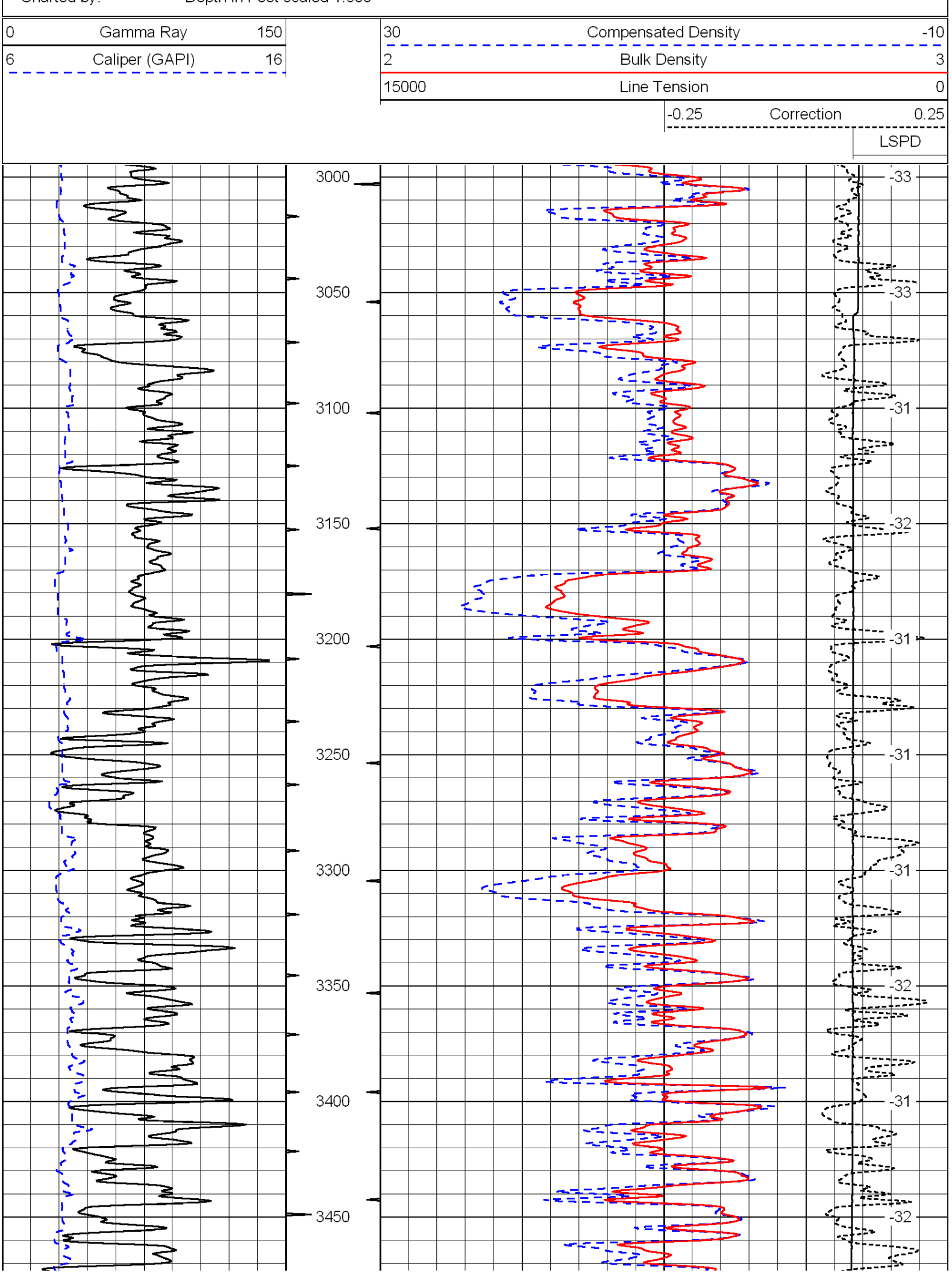
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Oberlin, KS:
5N to 5-N Rd., 3W, 2 1/2N to rig

Database File:	c:\warrior\data\murfin_urban #1-32\murfin_urban 1-32hd.db
Dataset Pathname:	dil/murfa
Presentation Format:	cdl
Dataset Creation:	Thu Feb 10 18:42:55 2011
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
-0.25
Correction
0.25
LSPD
3000
3050
3100
3150
3200
3250
3300
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3400
3450
-33
-33
-31
-32
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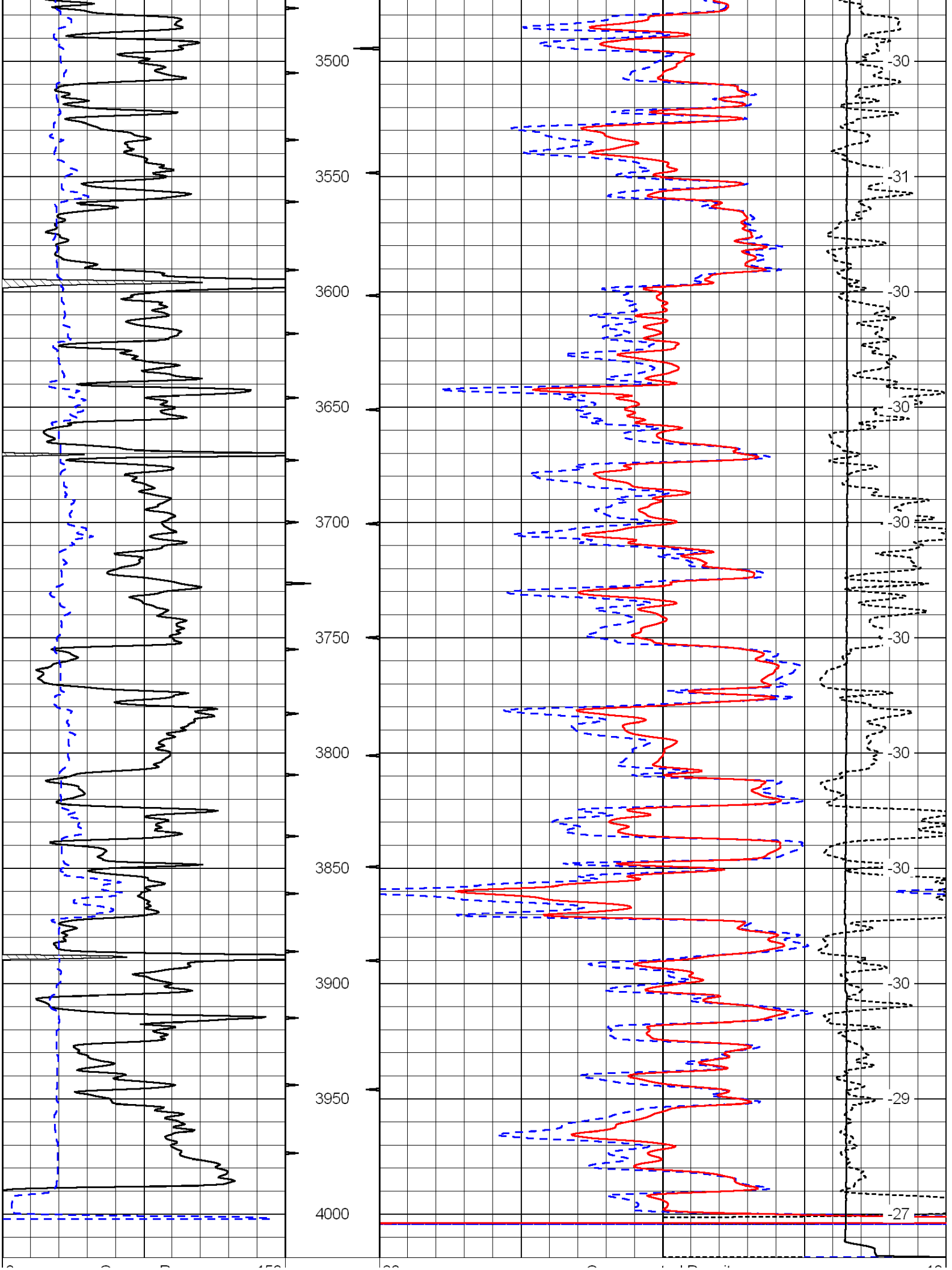
-32
-31
-32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3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
-30
-31
-30
-30
-30
-30
-30
-30
-29
-27

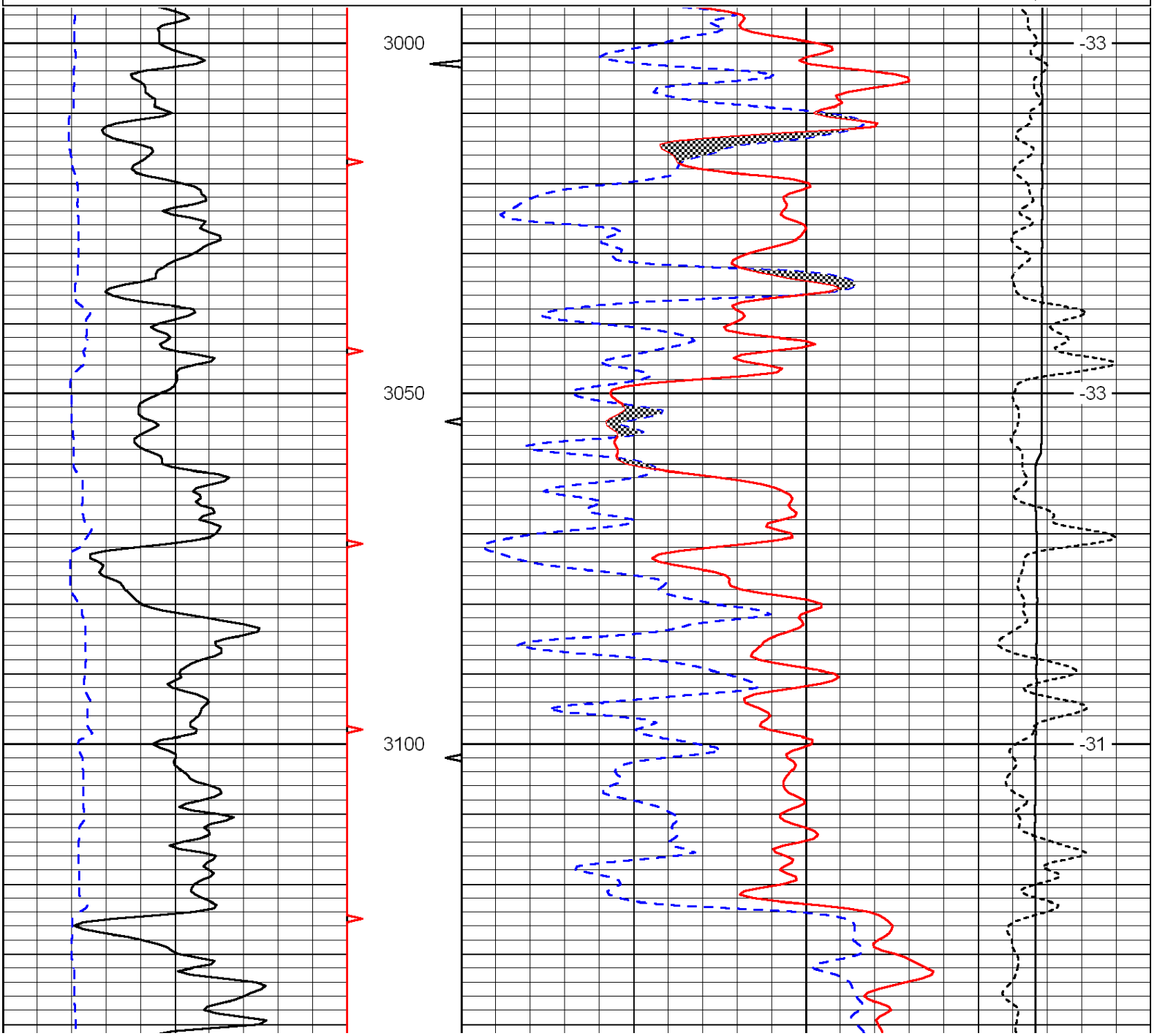
0	Gamma Ray	150
6	Caliper (GAPI)	16

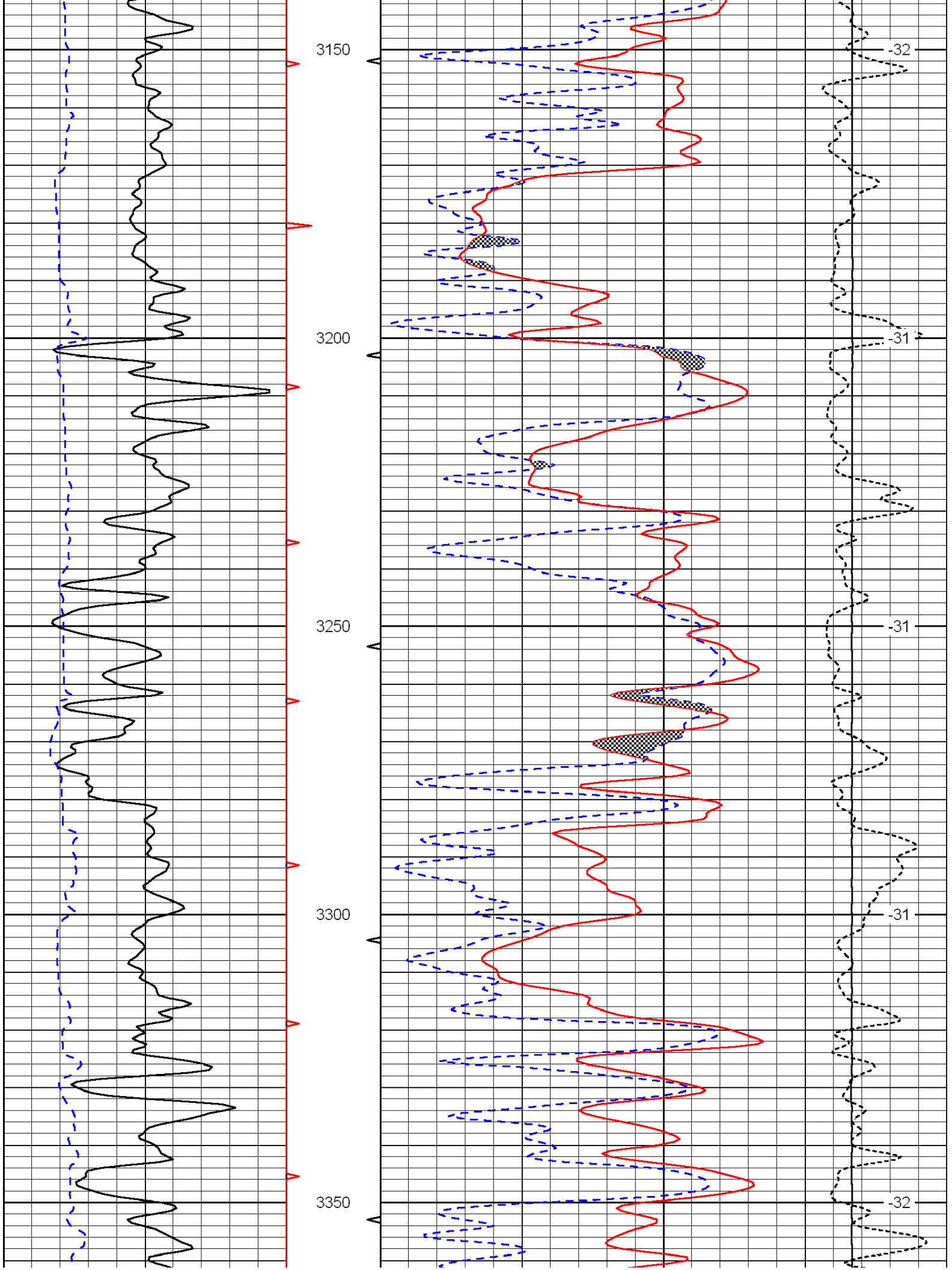
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	

Database File: c:\warrior\data\murfin_urban #1-32\murfin_urban 1-32hd.db
Dataset Pathname: dil/murfa
Presentation Format: cndlspec
Dataset Creation: Thu Feb 10 18:42:55 2011
Charted by: Depth in Feet scaled 1:240

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	

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3350
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-31
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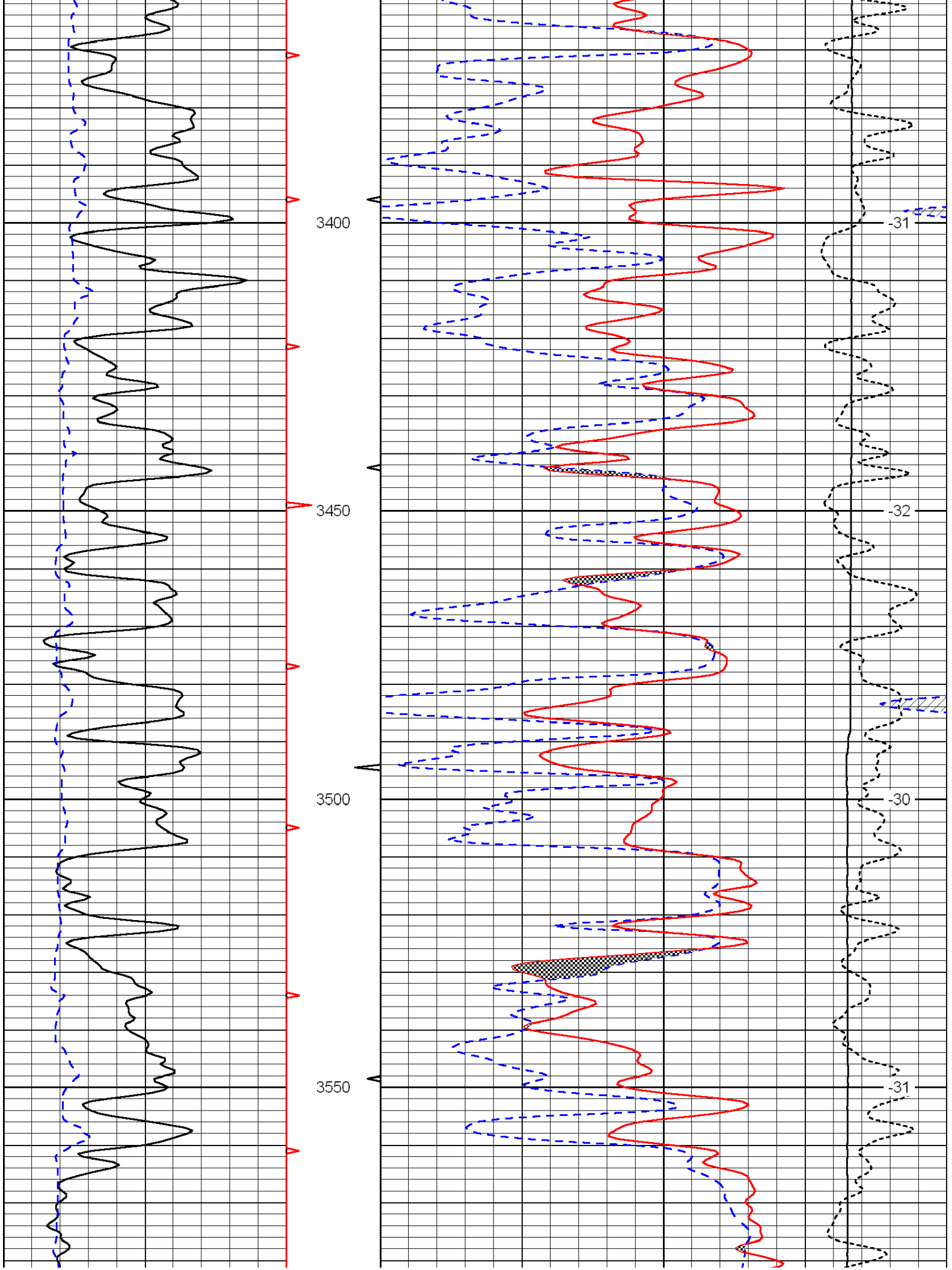
-32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-32
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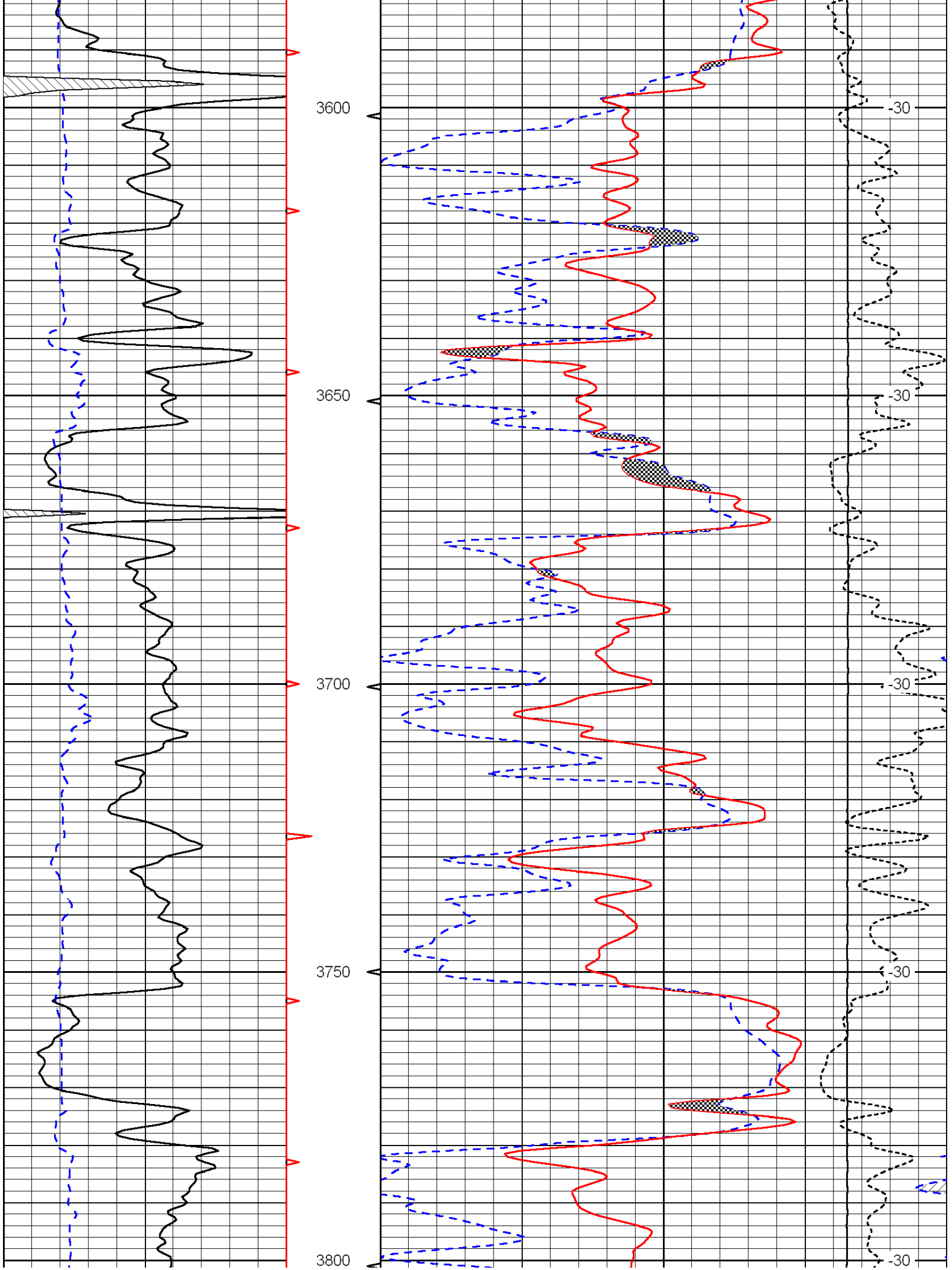
-31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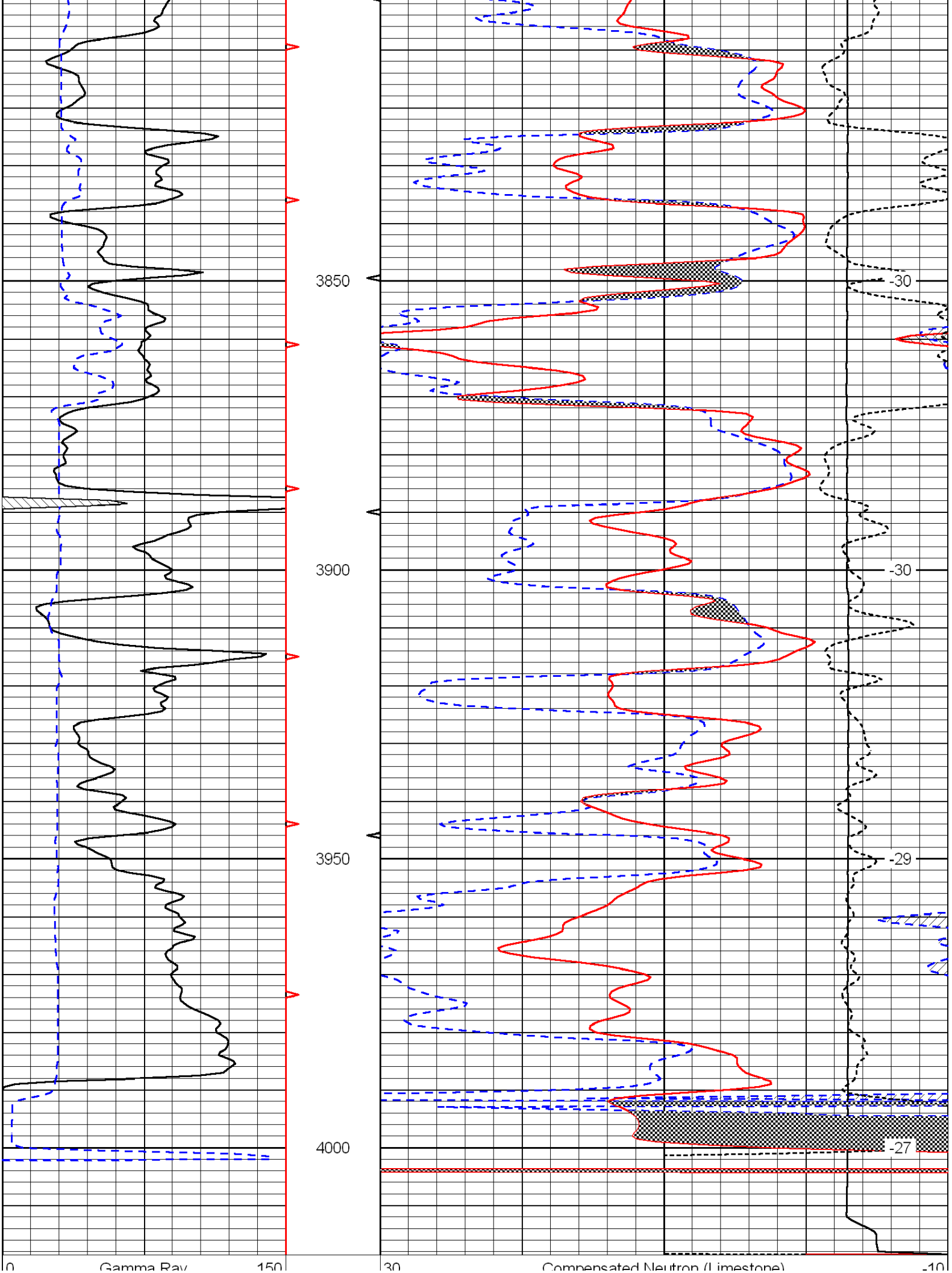
3700
3750
3800
-30
-30
-30
-30
-30


3850
3900
3950
4000
-30
-30
-29
-27
0
Gamma Ray
150
30
Compensated Neutron (Limestone)
-10

6	Caliper (GAPI)	16

30	Compensated Density (2.71 ma)	-10
15000	Line Tension	0

-0.25	Correction	0.25
		LSPD