



Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-007-23982-00-00

Company **Wildcat Oil & Gas, LLC**
Well **Liebl #7**
Field **Landis**
County **Barber** State **Kansas**

Location

1040' FNL / 660' FEL

Other Services
DIL

Sec: 27

Twp: 34S

Rge: 11W

Elevation

Permanent Datum Ground Level Elevation 1311
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1321
D.F. 1311
G.L. 1311

Date

1/26/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

4885

Depth Logger

4885

Bottom Logged Interval

4864

Top Logged Interval

200

Type Fluid In Hole

Chemical

Salinity, PPM CL

3000

Density

9.2

Level

Full

Max. Rec. Temp. F

125

Operating Rig Time

3 Hours

Equipment -- Location

91 Days

Recorded By

R. Barnhart

Witnessed By

Tim Pierce

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1 12.25 00 221 8.625 24# 00 221

2 7.875 221 4885

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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.

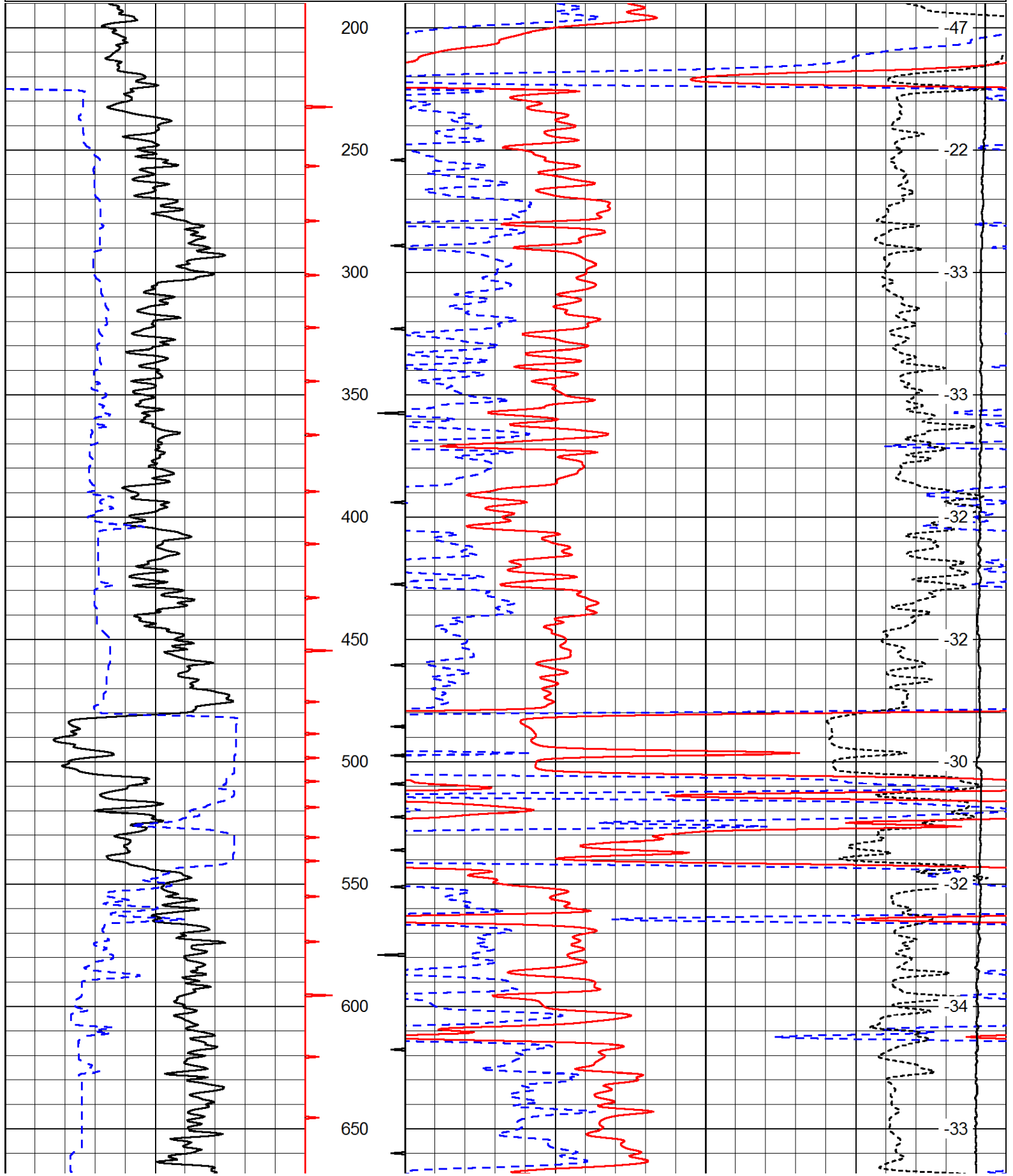
Comments

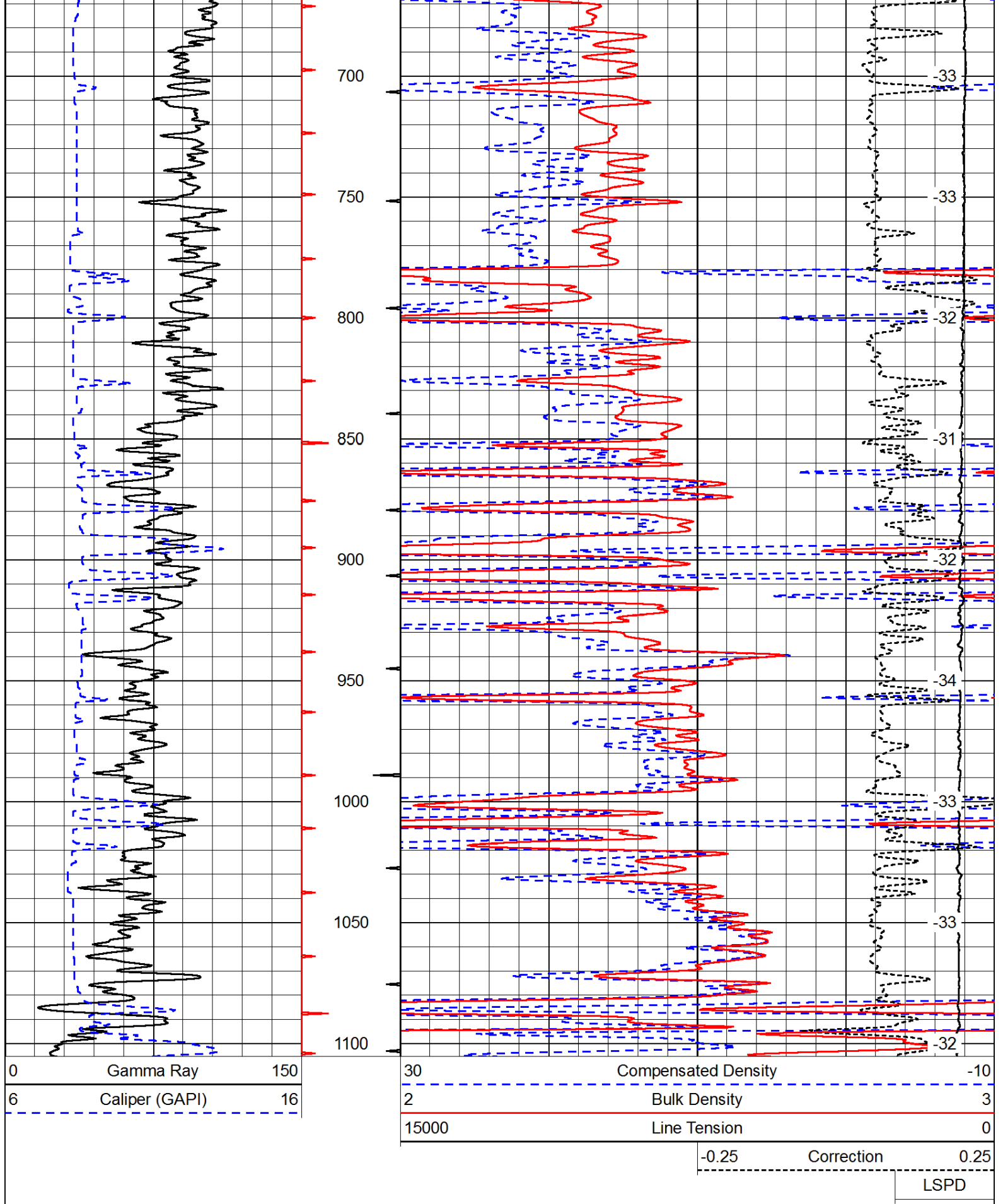
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Medicine Lodge, KS:
16S to Rattlesnake Rd., 3E to Red Dust Rd., 1N, 1/4E to CG, 1/2E

Database File: c:\warrior\data\wildcat_liebl #7\wildcat_hd.db
Dataset Pathname: dil/wldm2
Presentation Format: cdl
Dataset Creation: Mon Jan 28 12:07:21 2013
Charted by: Depth in Feet scaled 1:600

Charted by: _____ Depth in Feet scaled 1:600					
0	Gamma Ray	150	30	Compensated Density	-10
6	Caliper (GAPI)	16	2	Bulk Density	3
			15000	Line Tension	0
			-0.25 Correction 0.25		
			LSPD		

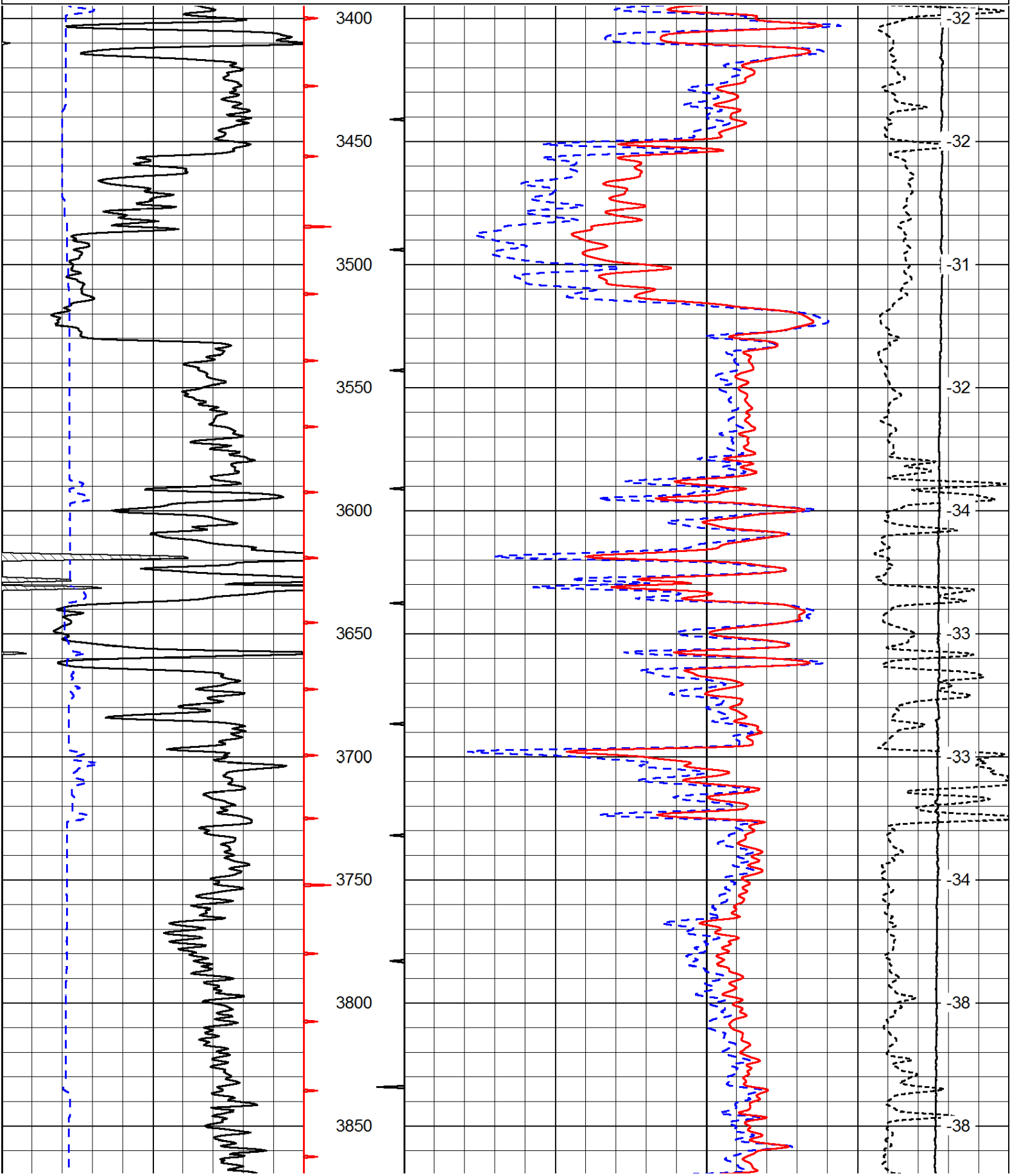


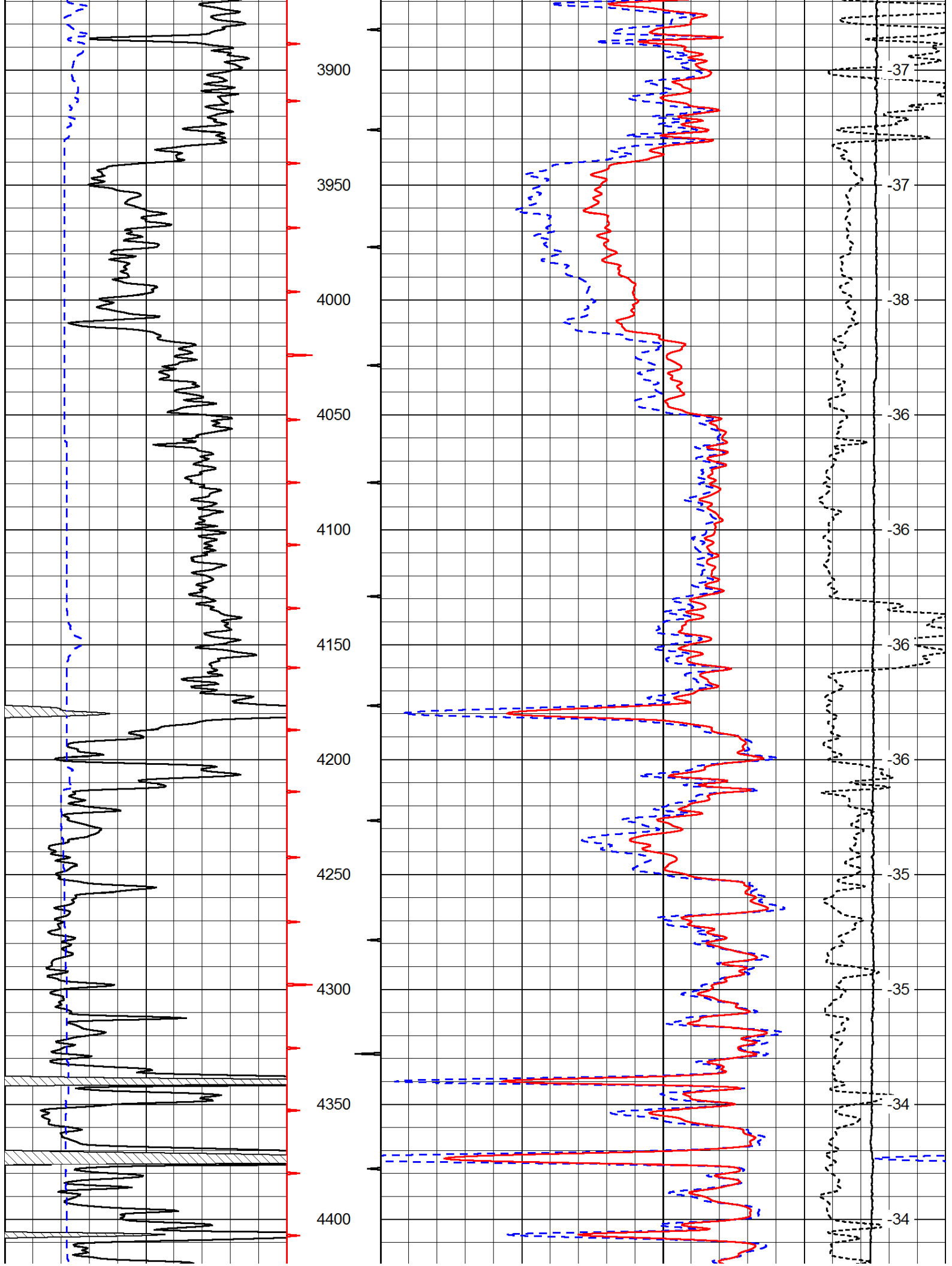


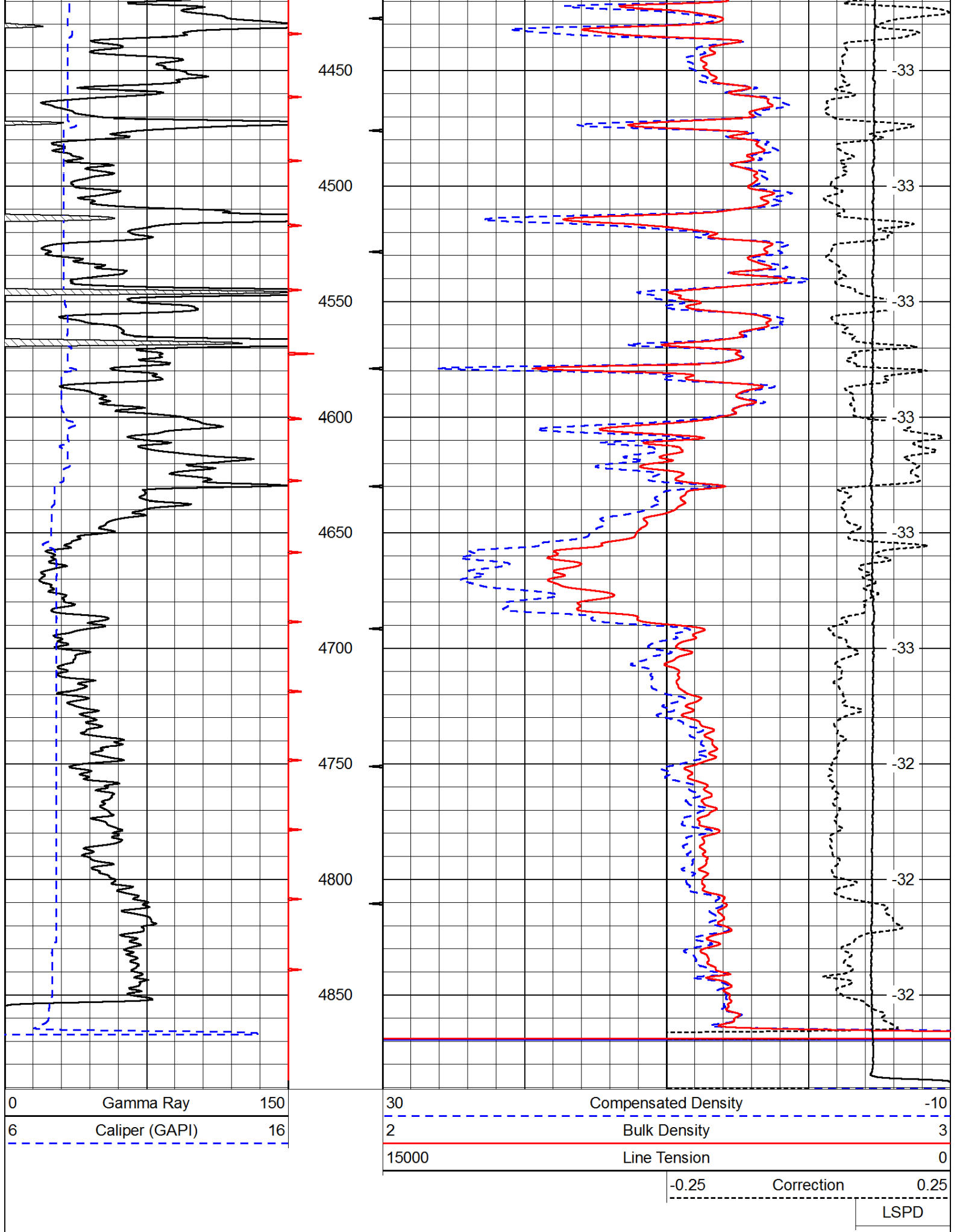
Database File: c:\warrior\data\wildcat_liebl #7\wildcat_hd.db
Dataset Pathname: dil/wldm2
Presentation Format: cdl
Dataset Creation: Mon Jan 28 12:07:21 2013

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



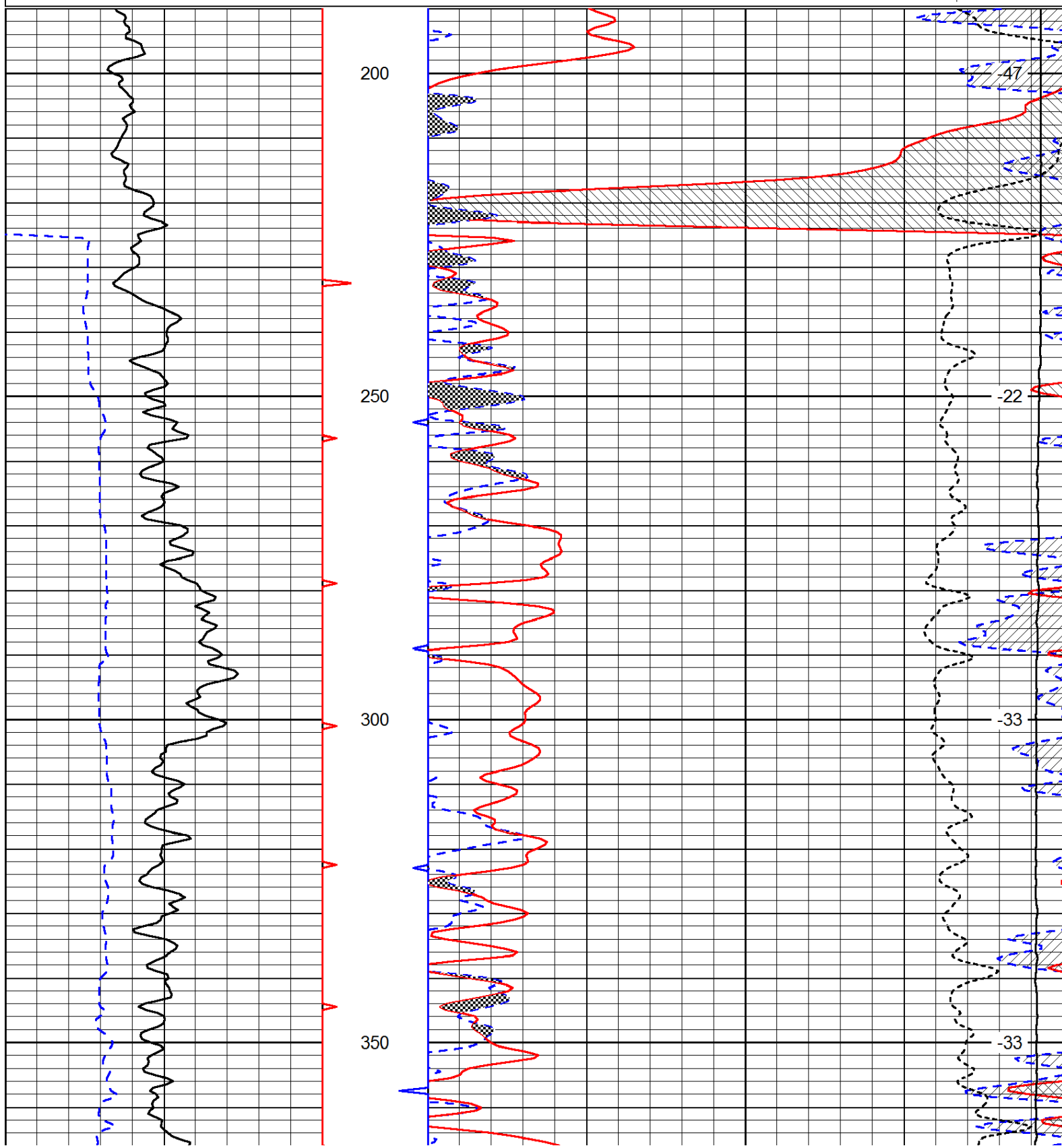


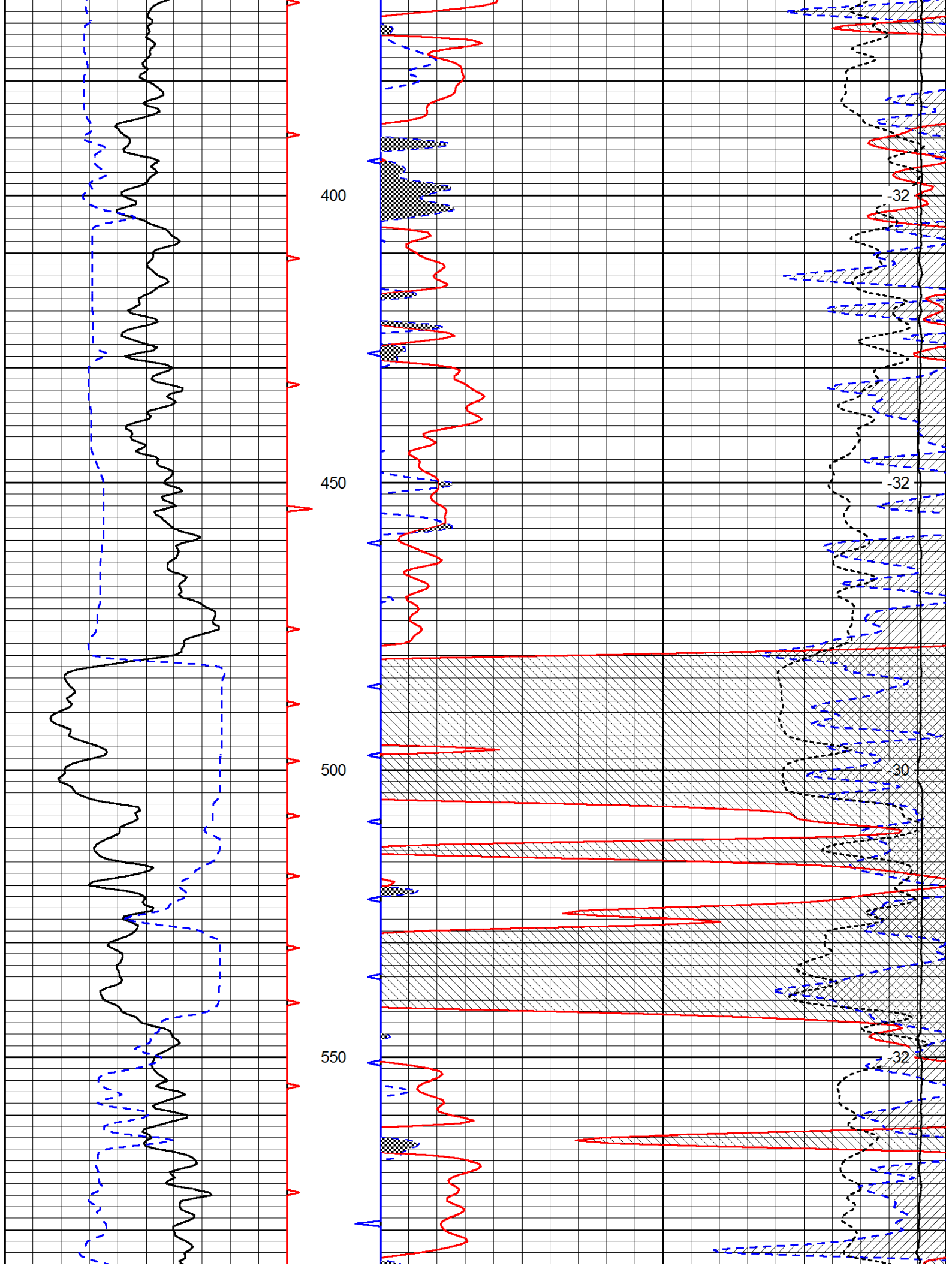


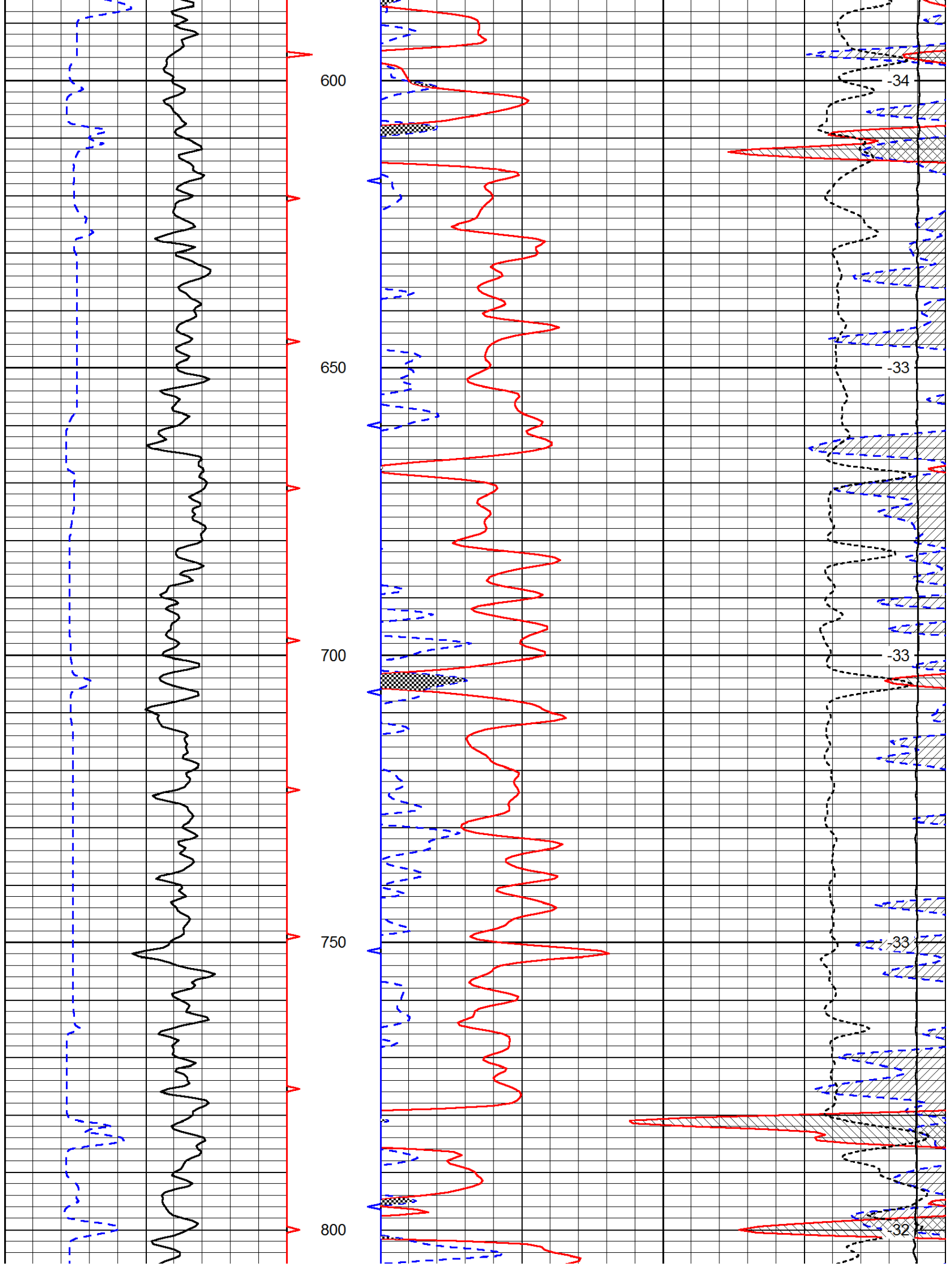
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Dataset Pathname: dil/wldm2
Presentation Format: cndlspec
Dataset Creation: Mon Jan 28 12:07:21 2013
Charted by: Depth in Feet scaled 1:240

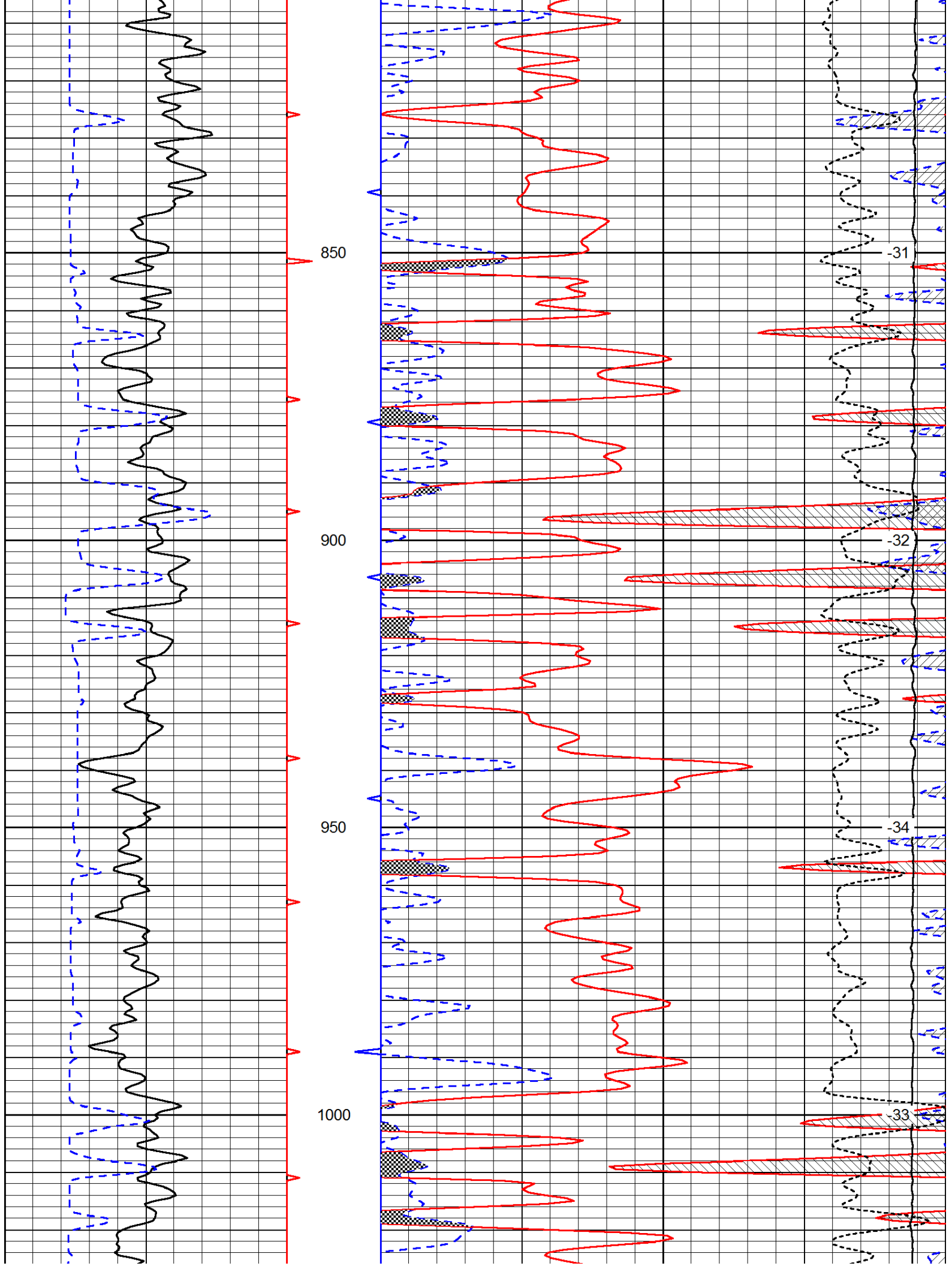
0	Gamma Ray	150
6	Caliper (GAPI)	16

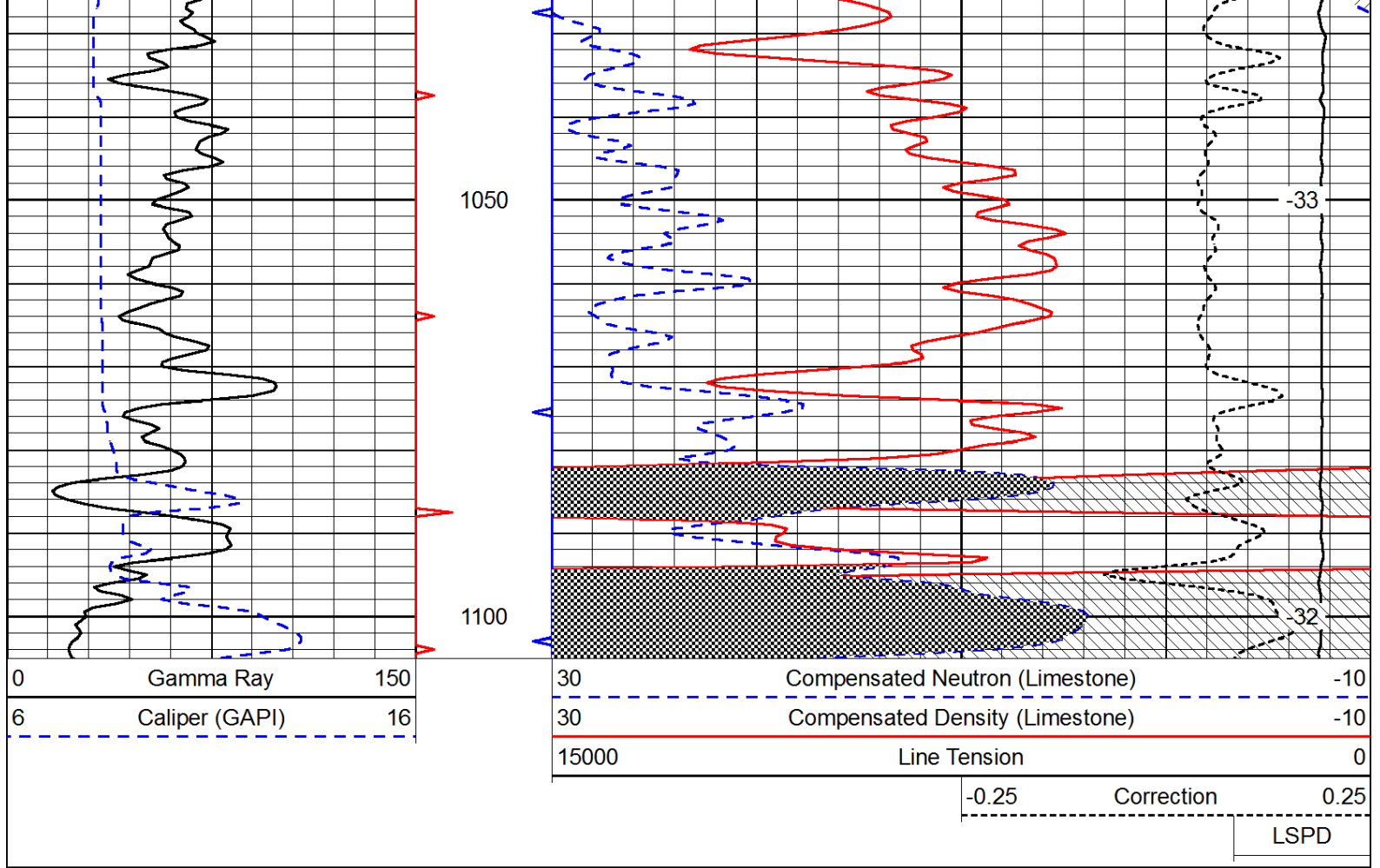
30	Compensated Neutron (Limestone)	-10
30	Compensated Density (Limestone)	-10
15000	Line Tension	0
-0.25	Correction	0.25
LSPD		











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