



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-015-23,939-00-00

Company Range Oil Company, Inc.

Well Joseph B #7

Field Pierce NW

County Butler State Kansas

Location

900' FSL & 660' FWL

Other Services
DIL

Sec: 18 Twp: 25 S Rge: 4 E

Permanent Datum Ground Level Elevation 1294

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 1304

D.F. 1294

Date

5/21/2012

Run Number

Two

Type Log

CNL / CDL

Depth Driller

2730

Depth Logger

2729

Bottom Logged Interval

2726

Top Logged Interval

1500

Type Fluid In Hole

Chemical

Salinity, PPM CL

1,100

Density

9.3

Level

Full

Max. Rec. Temp. F

105

Operating Rig Time

4 1/2 Hours

Equipment -- Location

91 Hays

Recorded By

K. Bange

Witnessed By

Roger Martin

Borehole Record

Run No.

Bit

From

To

Size

Wgt.

From

To

Caseing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

<<< Fold Here >>>

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

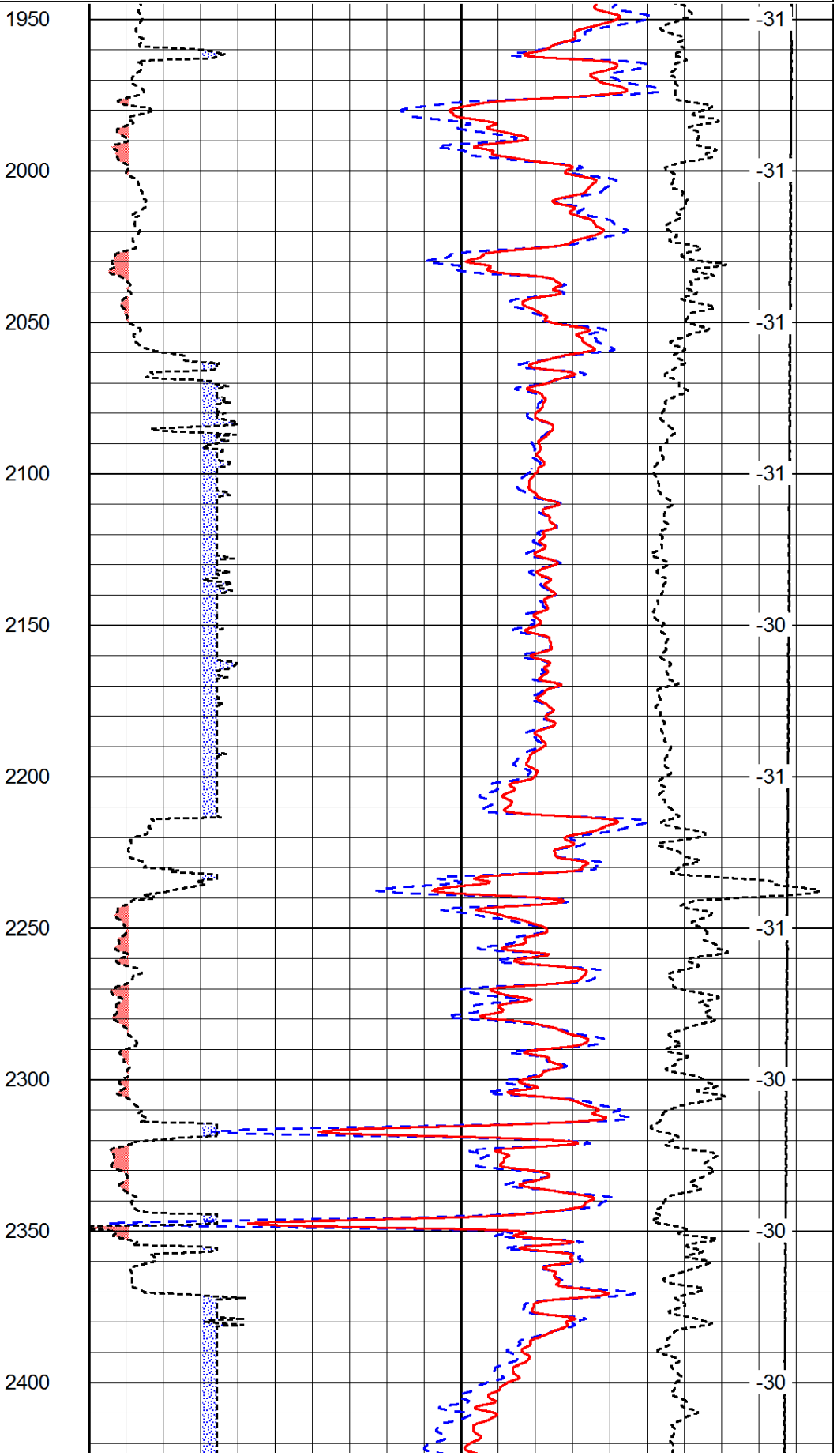
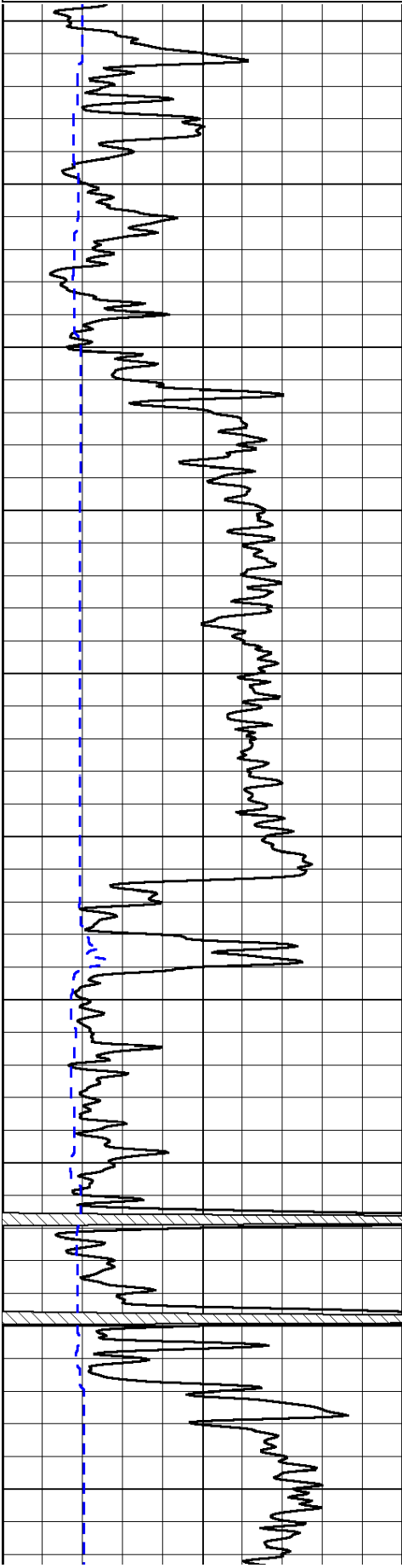
Thank you for using Log-Tech, Inc.
(785) 625-3858

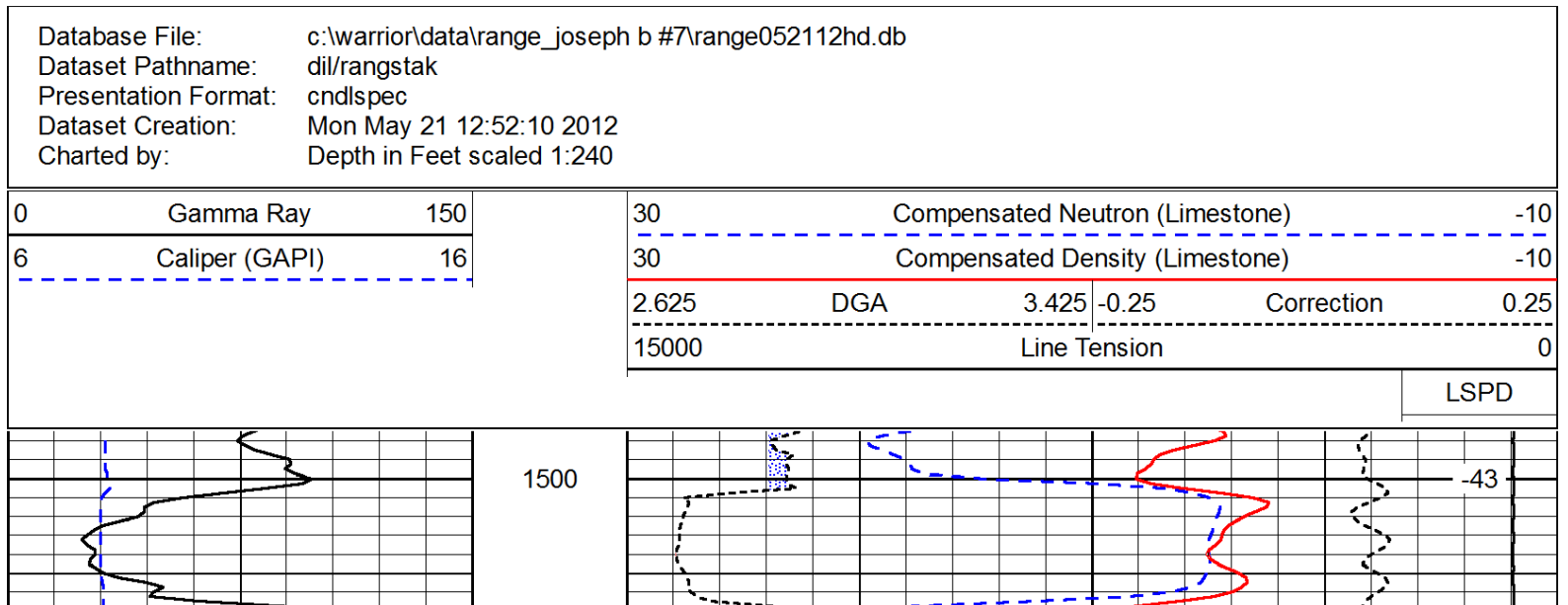
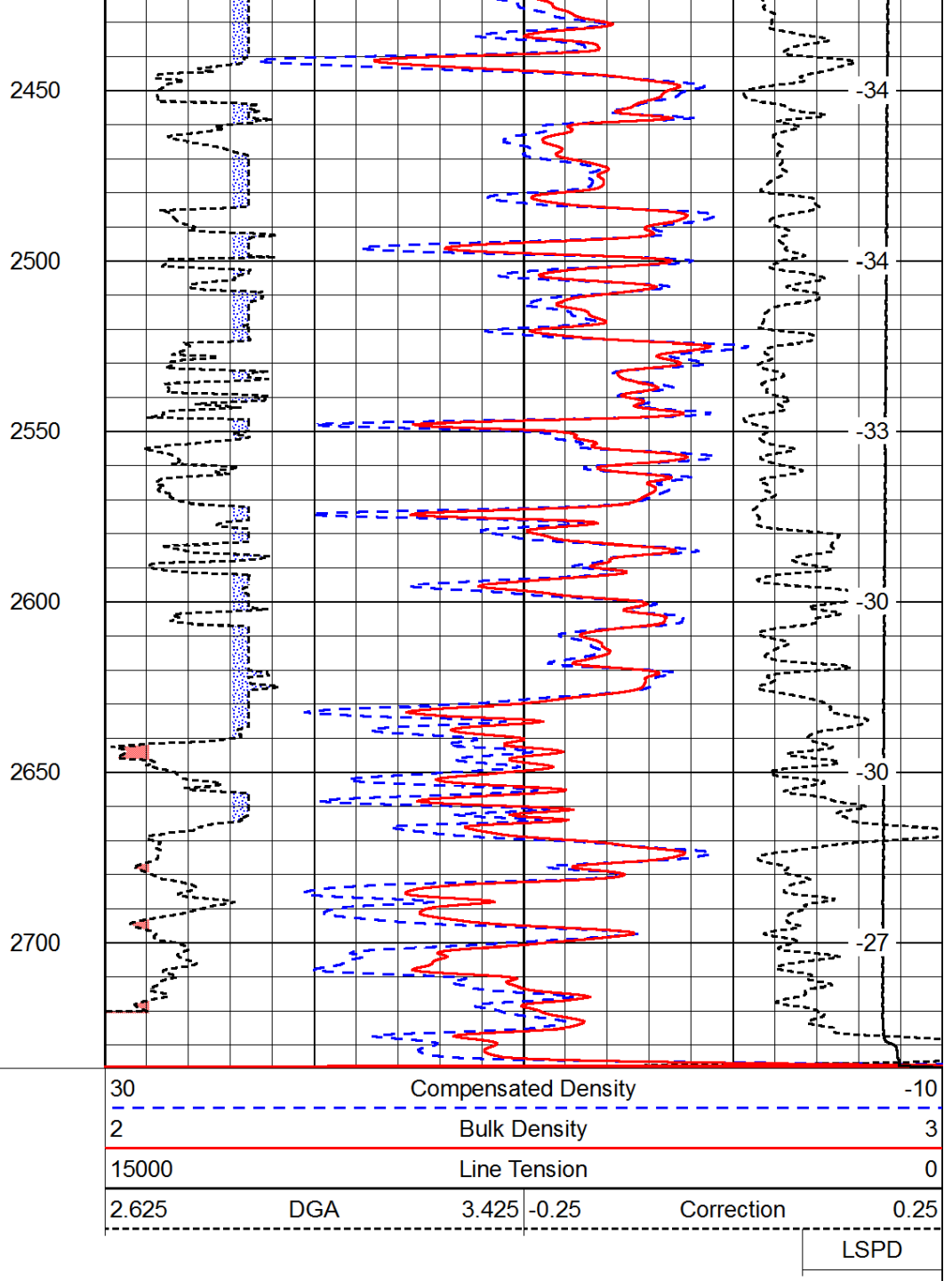
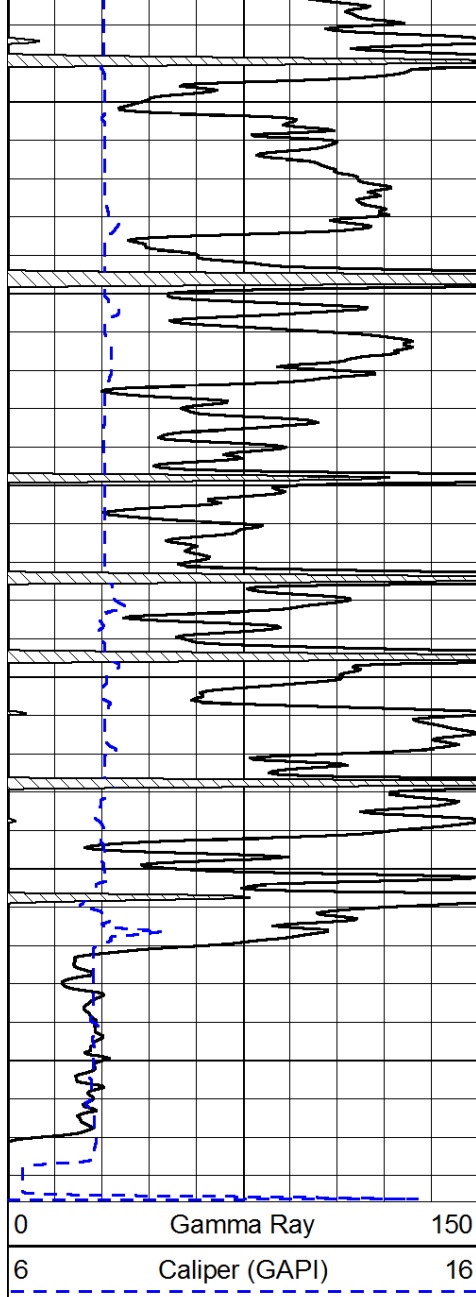
Potwin, 5 S on Diamond rd to 30 rd,
1 W to Santa Fe Lake rd, 200' N,
NE into

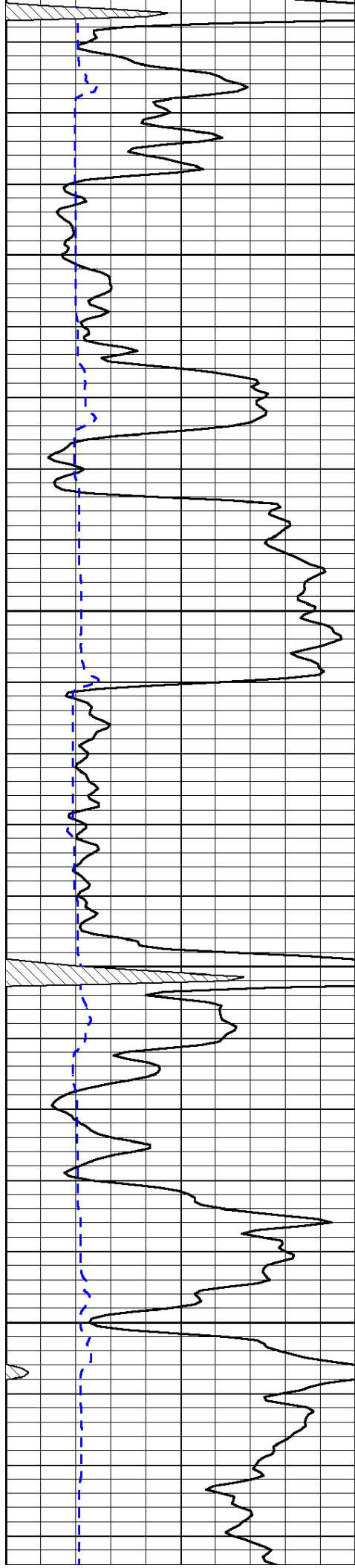
Database File: c:\warrior\data\range_joseph b #7\range052112hd.db
Dataset Pathname: dil/rangstak
Presentation Format: cdl
Dataset Creation: Mon May 21 12:52:10 2012
Charted by: Depth in Feet scaled 1:600

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			





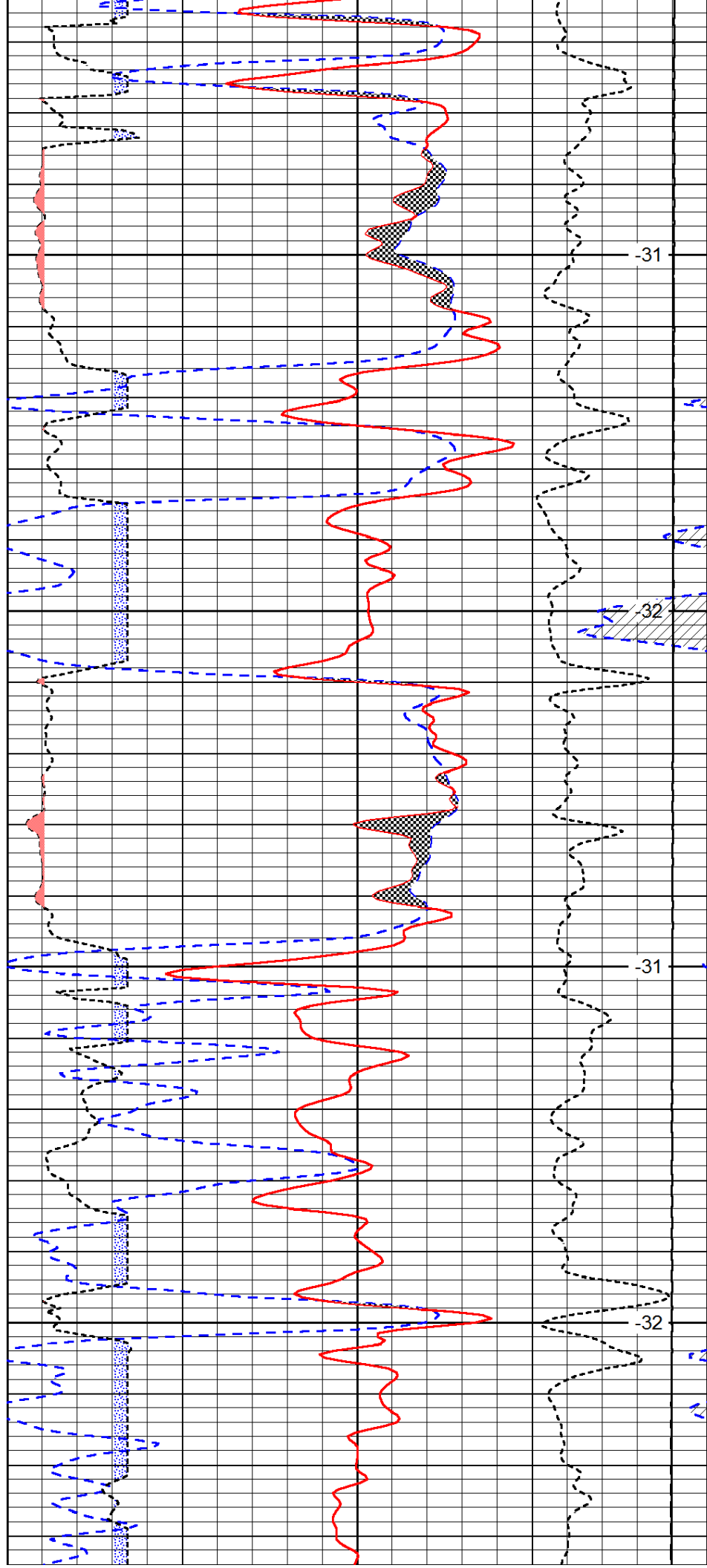


1550

1600

1650

1700

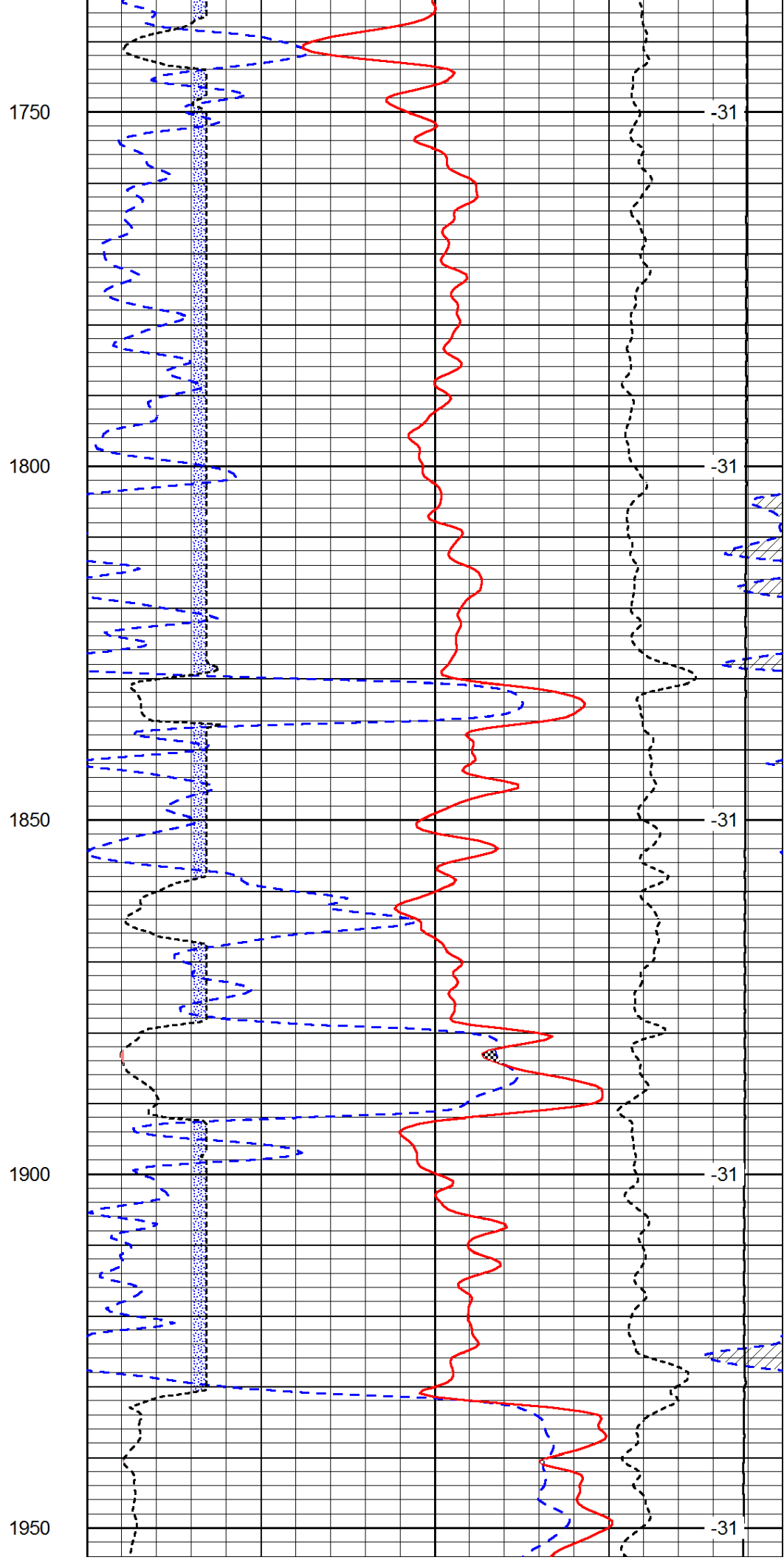
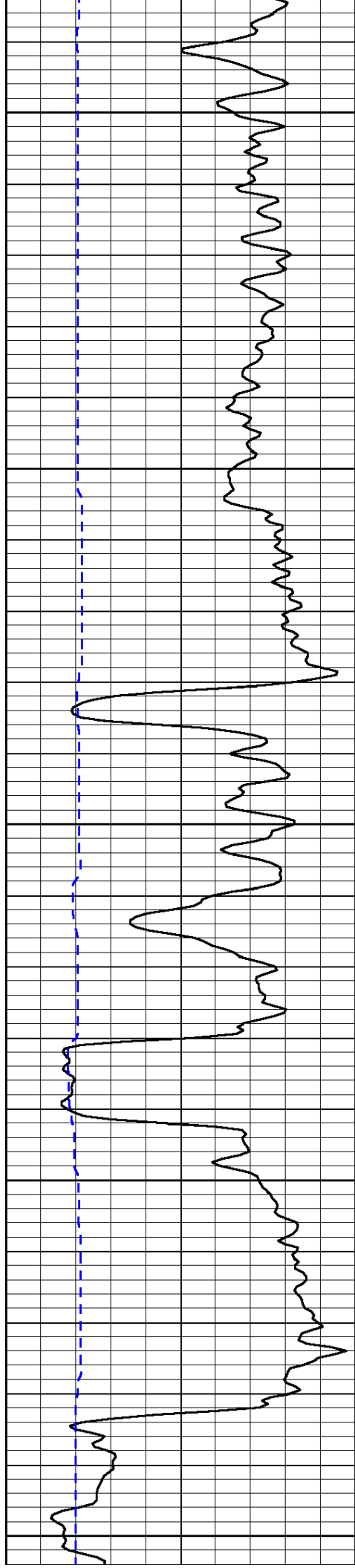


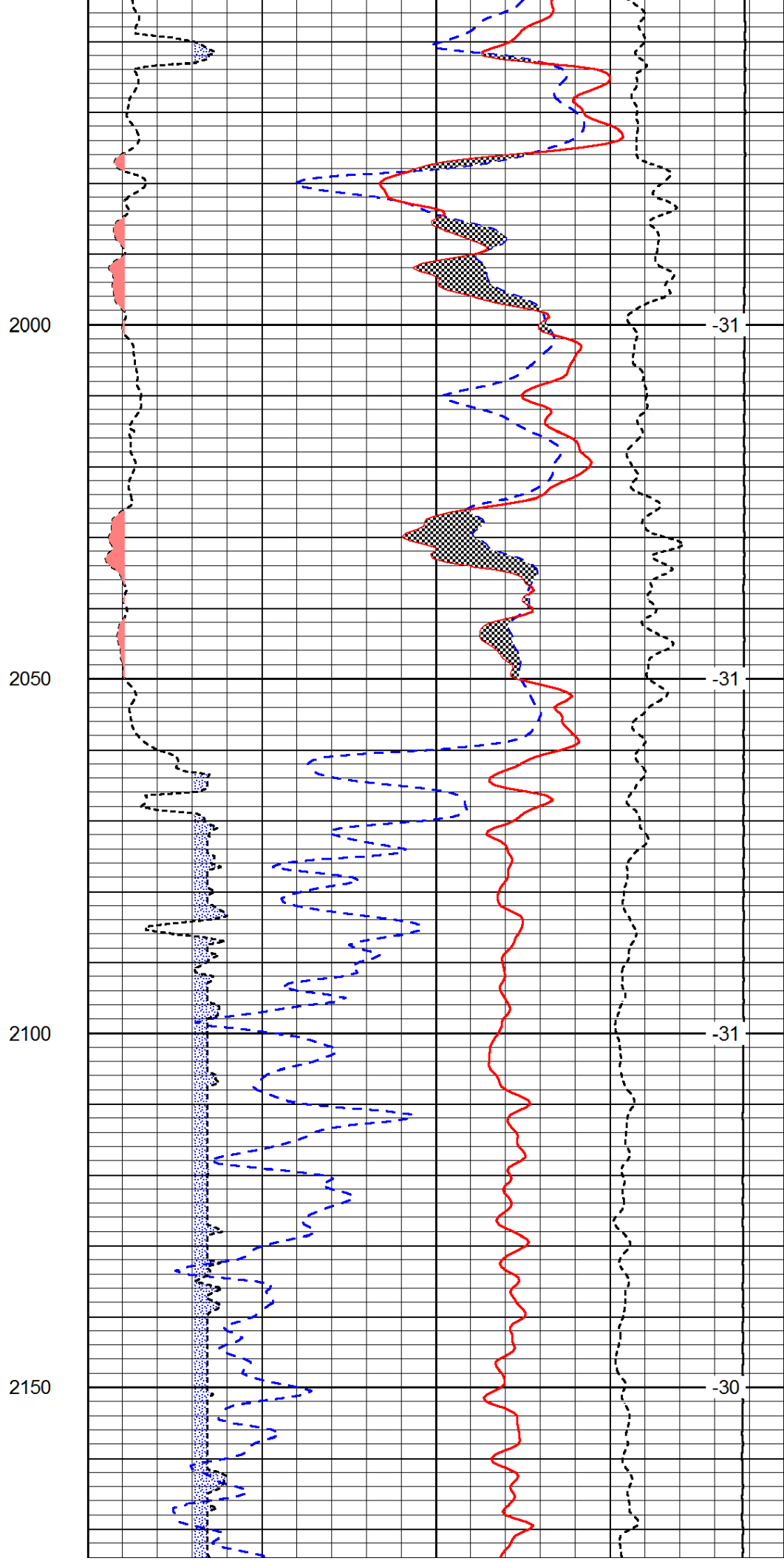
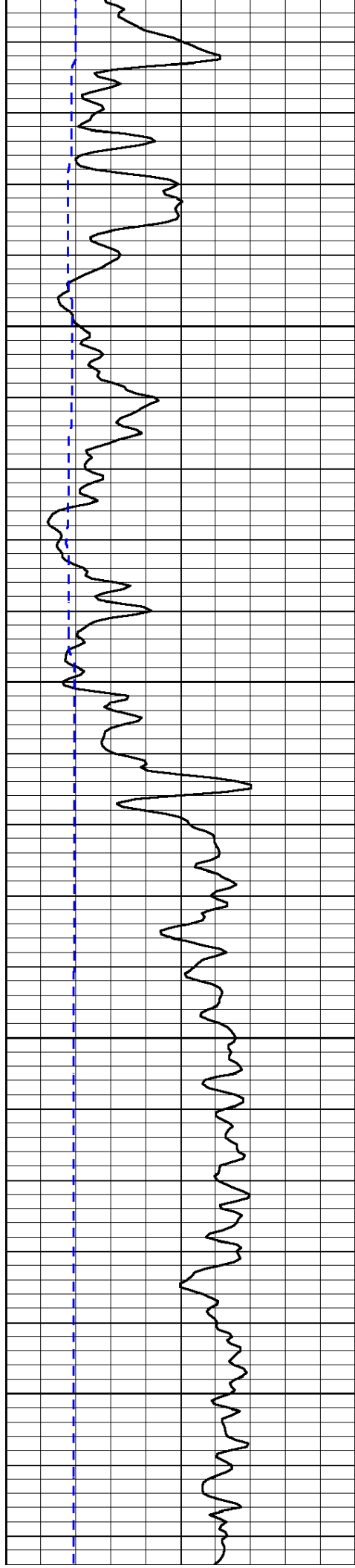
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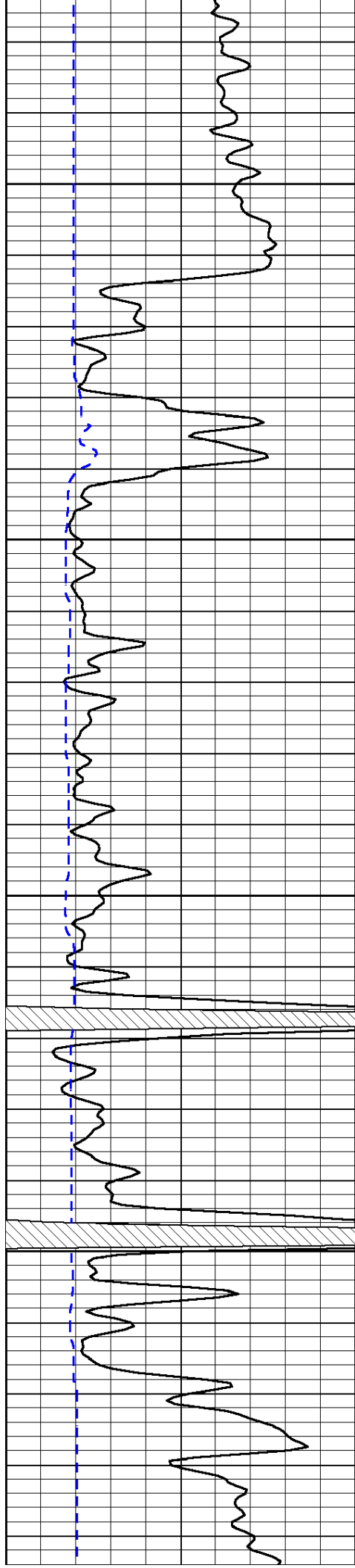
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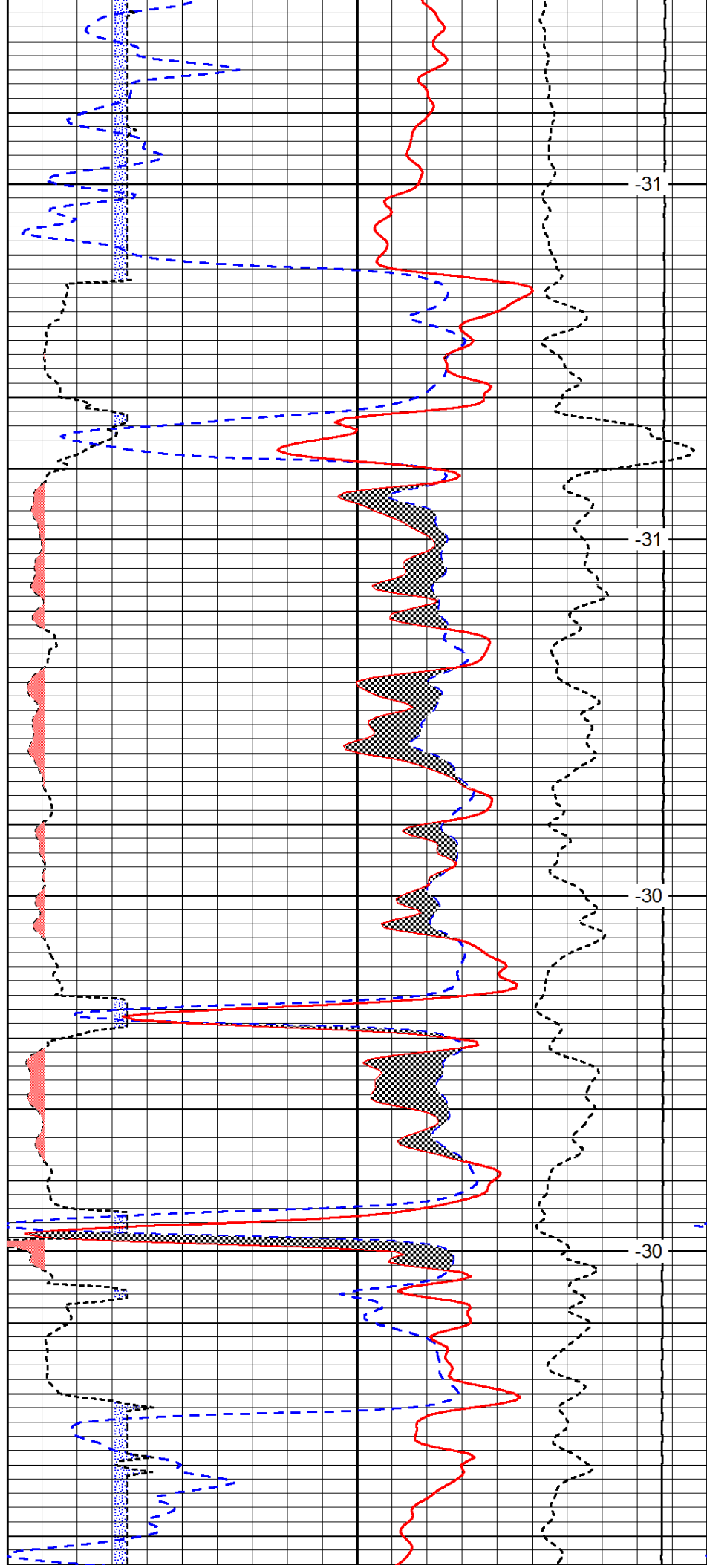


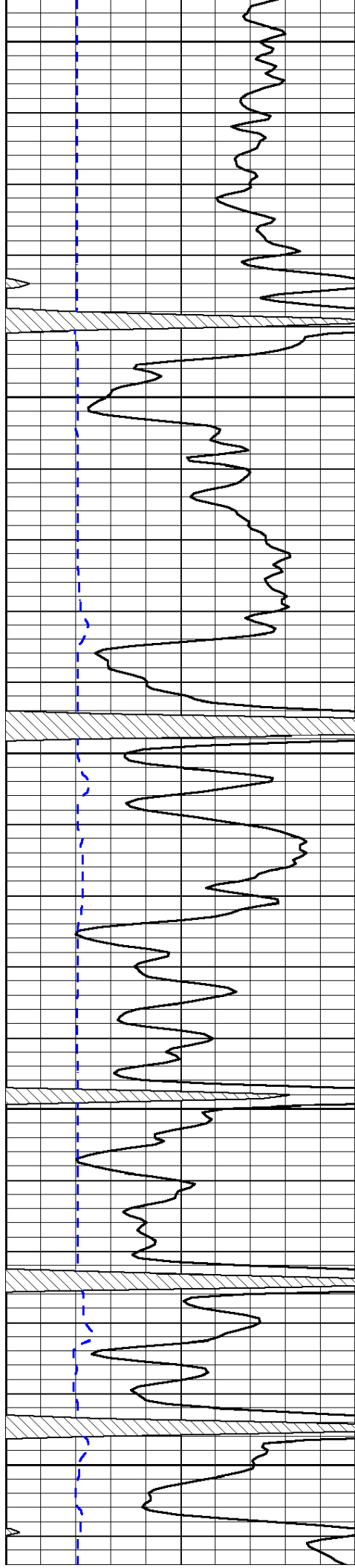
2200

2250

2300

2350





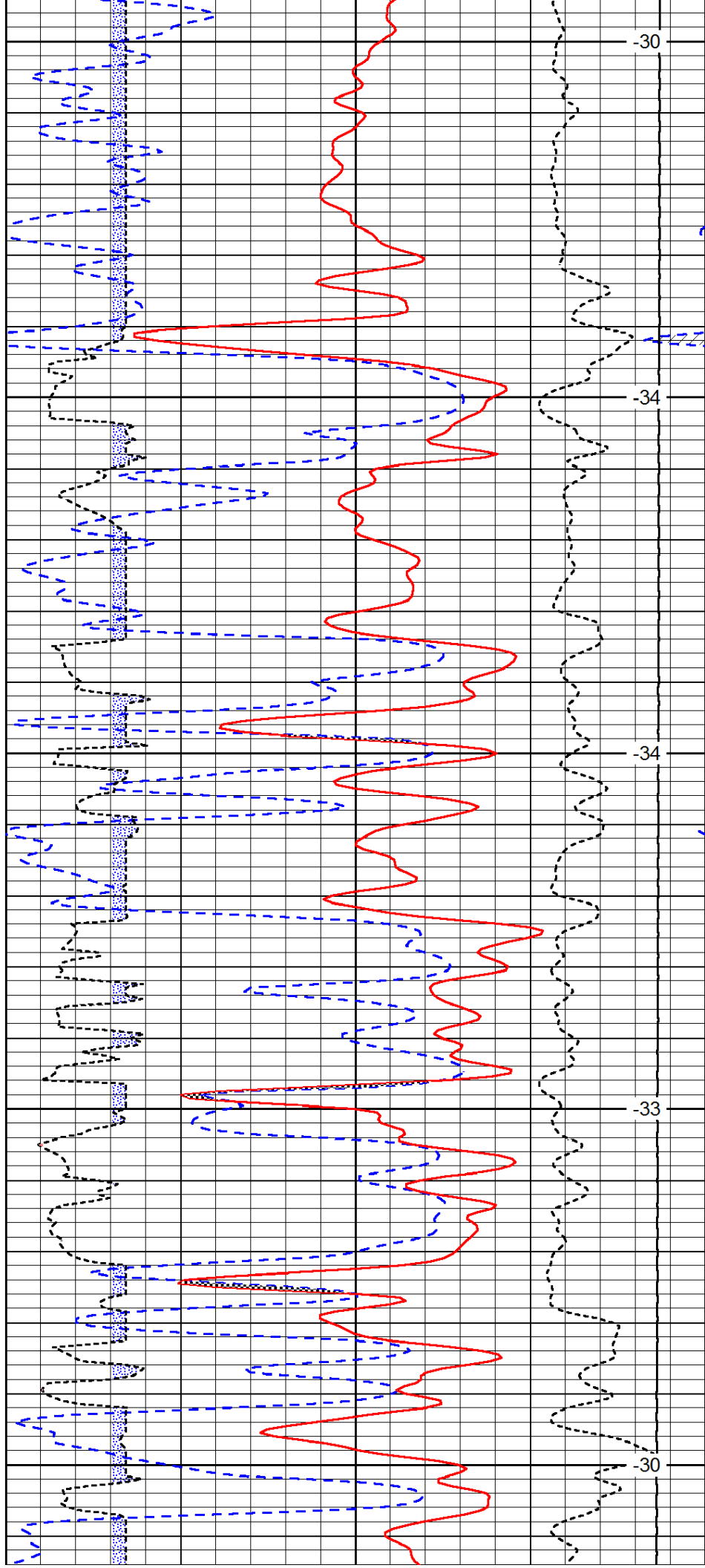
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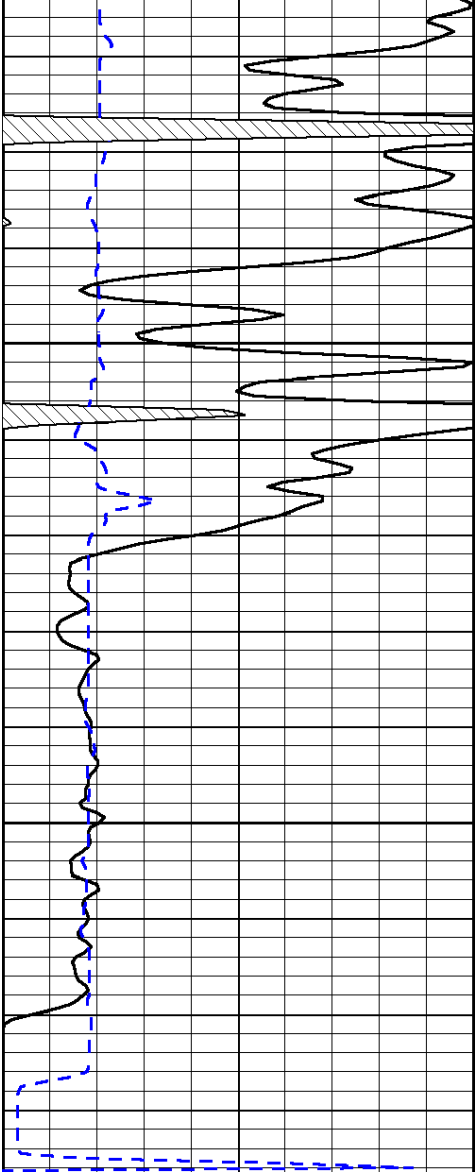
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2500

2550

2600

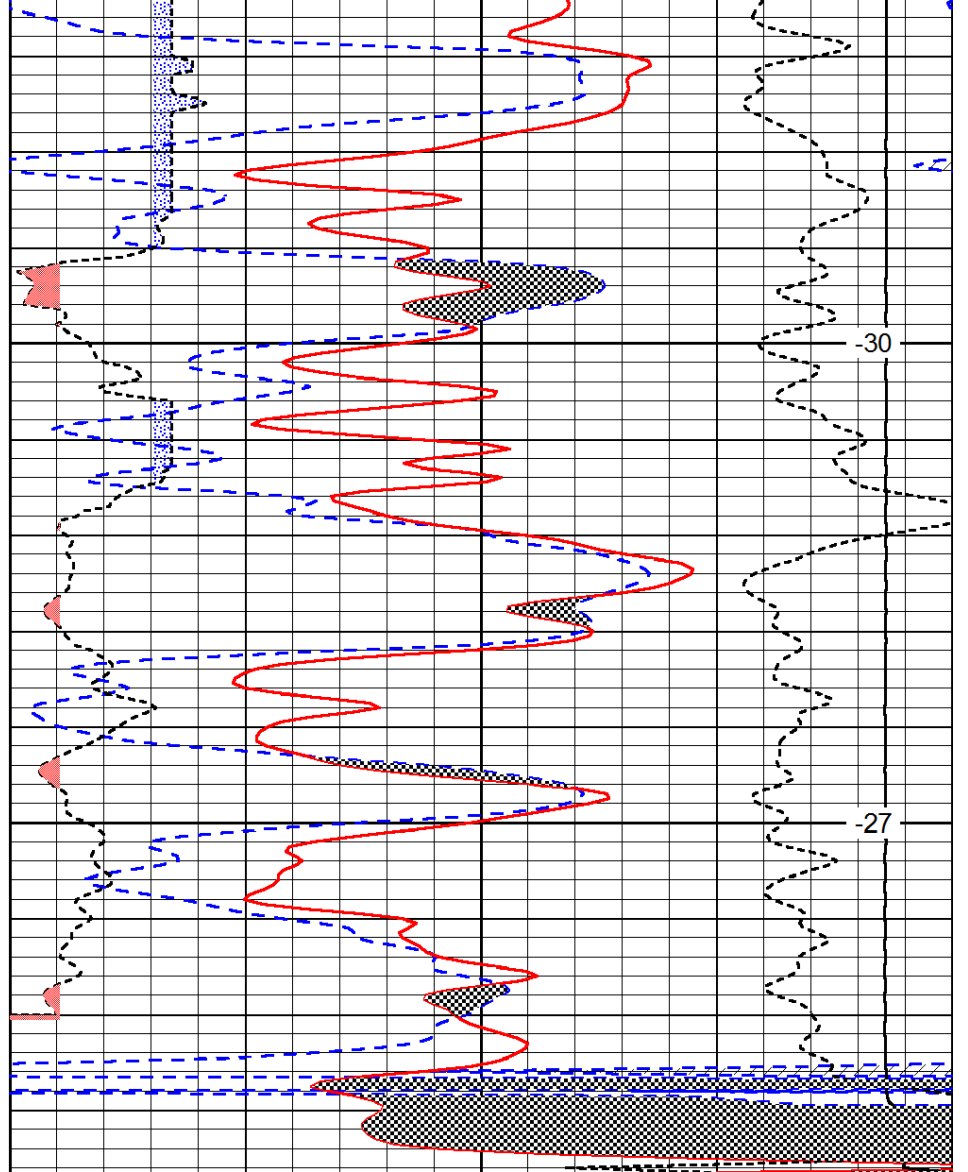




0	Gamma Ray	150
6	Caliper (GAPI)	16

2650

2700



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