



Microresistivity Log

Pioneer Energy Services

API No.

15-095-22,281-00-00

Company Novy Oil & Gas, Inc.

Well Ravenstein No. 2

Field Klaver Northeast

County Kingman State

Kansas

Location 660' FNL & 1980' FEL

Sec: 15

Twp: 29S

Rge: 6W

Other Services
CNL/CDL
DIL

Permanent Datum Ground Level Elevation 1521
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date

Run Number

Depth Driller

Depth Logger

Bottom Logged Interval

Top Log Interval

Casing Driller

Casing Logger

Bit Size

Type Fluid in Hole

Salinity, ppm CL

Density / Viscosity

pH / Fluid Loss

Source of Sample

Rm @ Meas. Temp

Rmf @ Meas. Temp

Rmc @ Meas. Temp

Source of Rmf / Rmc

Chemical

Flowline

Charts

4 Hours

122

108

Hays

J. Henrickson

Harley Sayles

<<< 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.

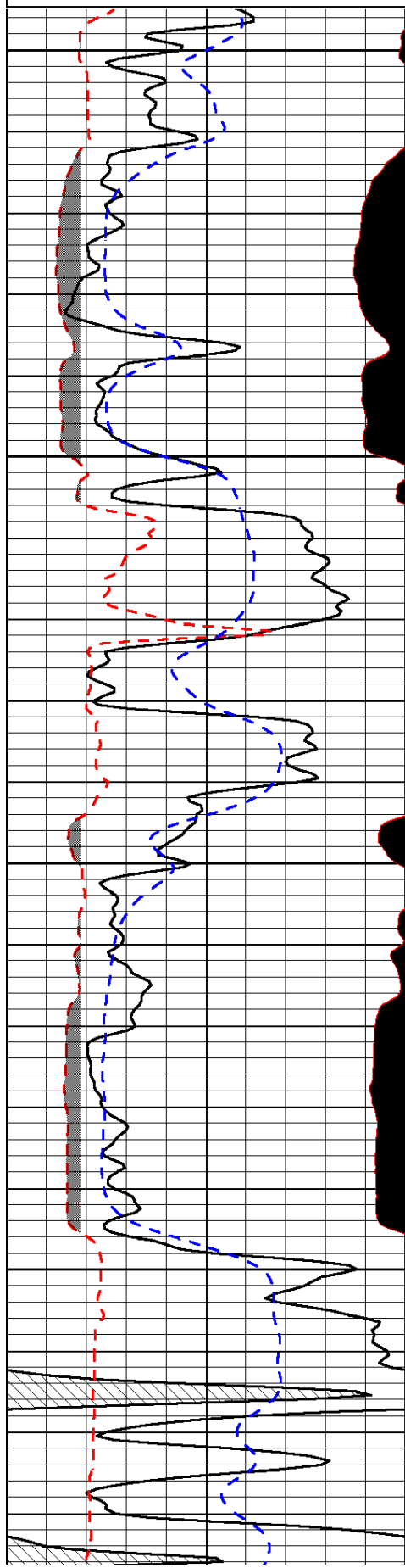
Comments

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

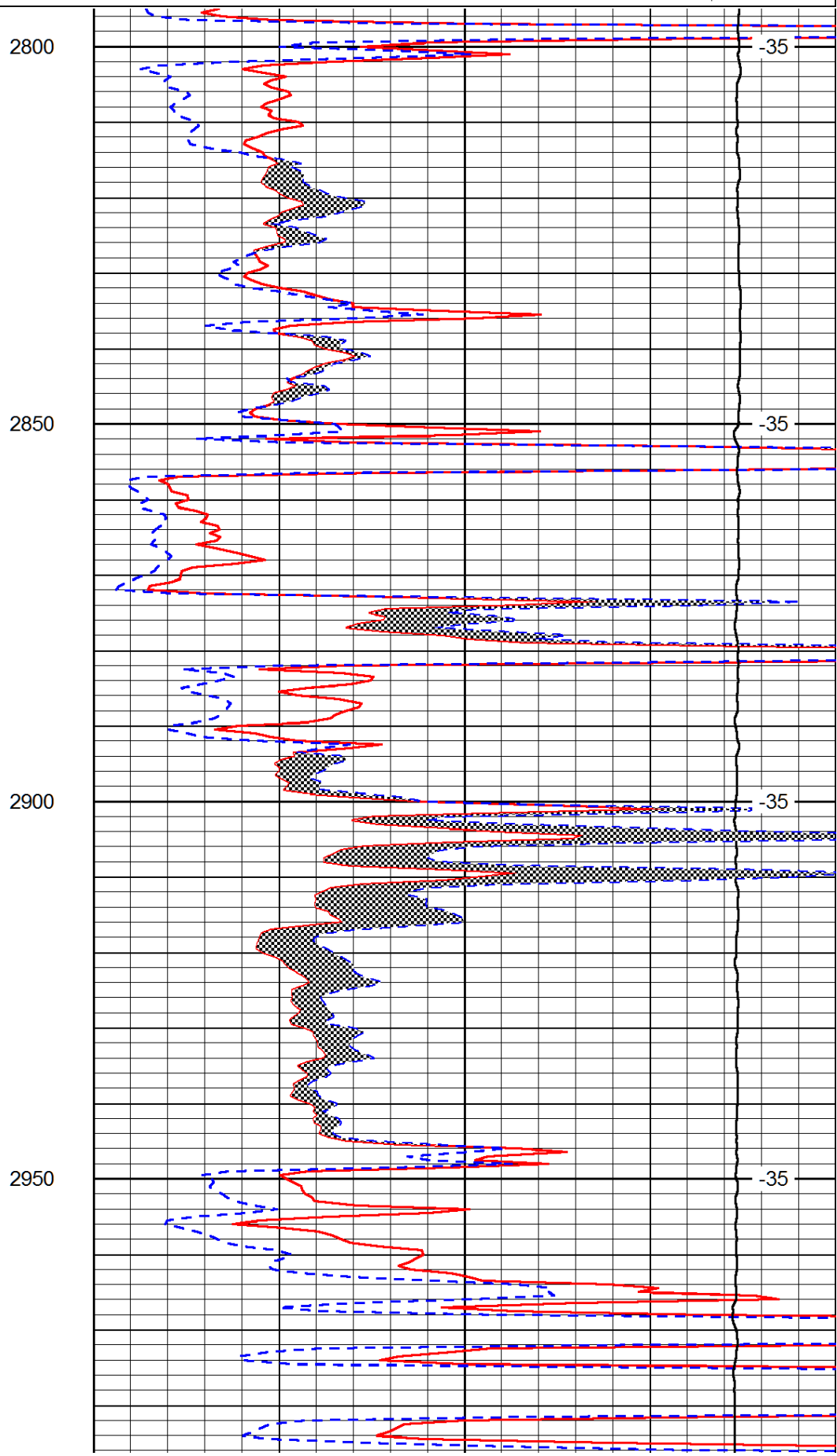
Kingman Kansas
East to 100 Rd, 9 1/2 South, 1 1/2 West, South Into

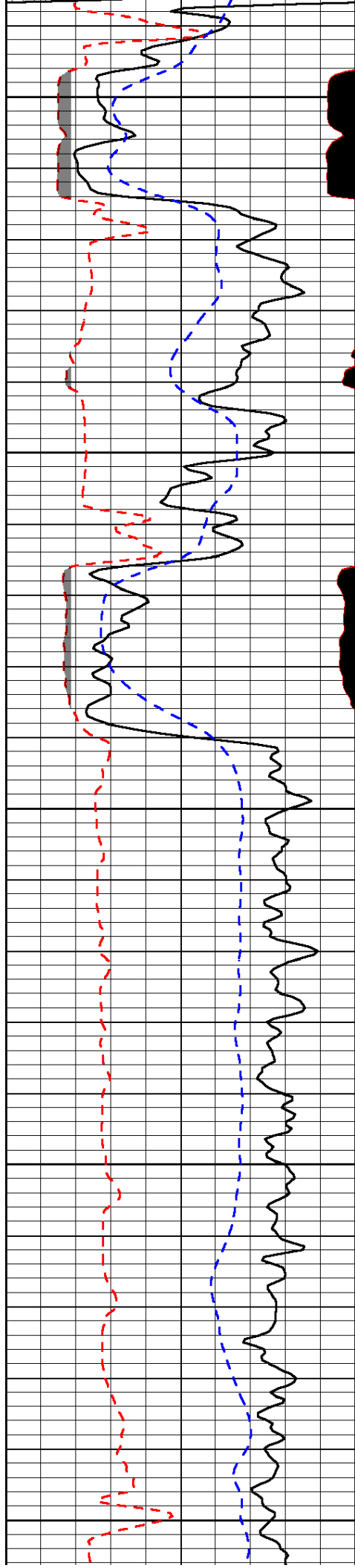
Database File: novy_ravenstein_2hd.db
Dataset Pathname: DIL/novystk
Presentation Format: micro
Dataset Creation: Sun Mar 30 13:50:59 2014
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:210		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)





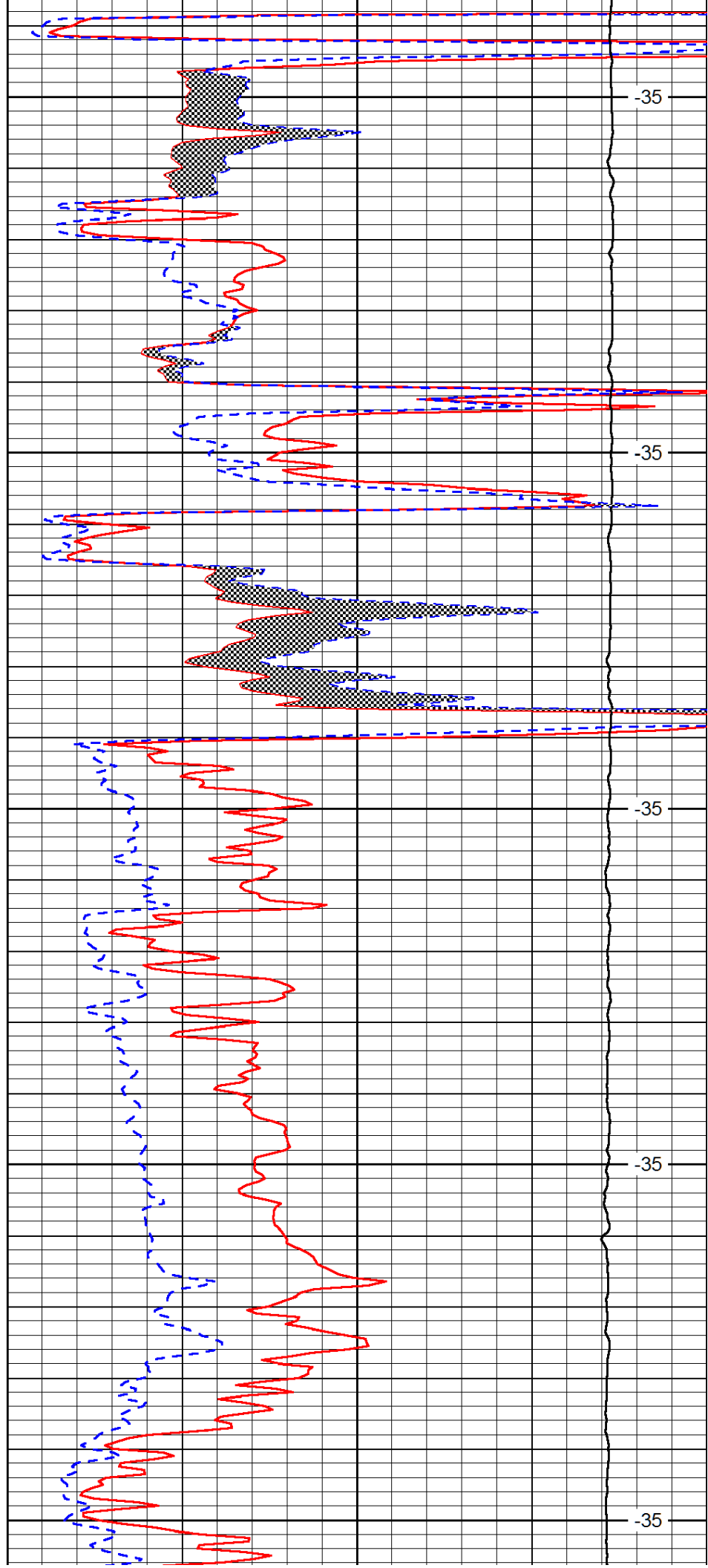
3000

3050

3100

3150

3200



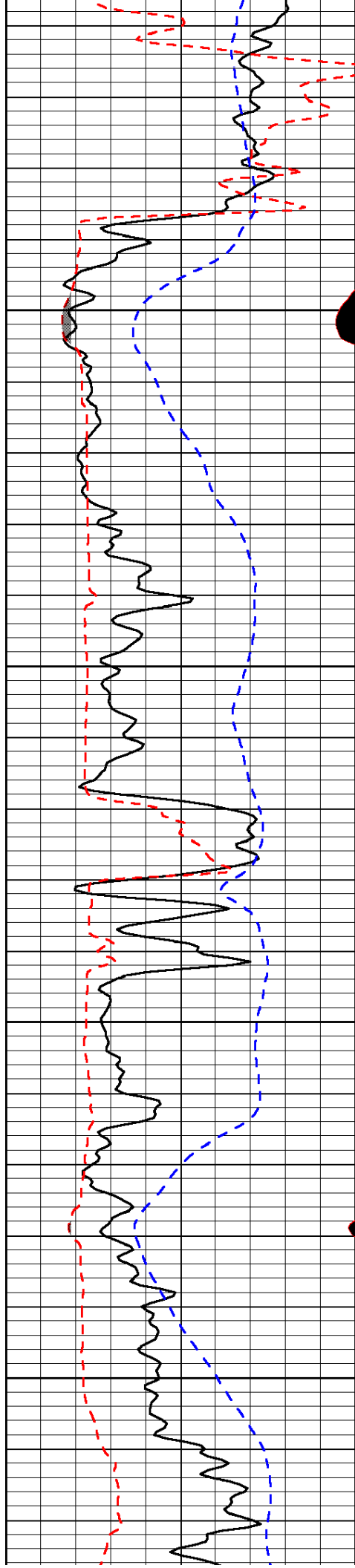
-35

-35

-35

-35

-35

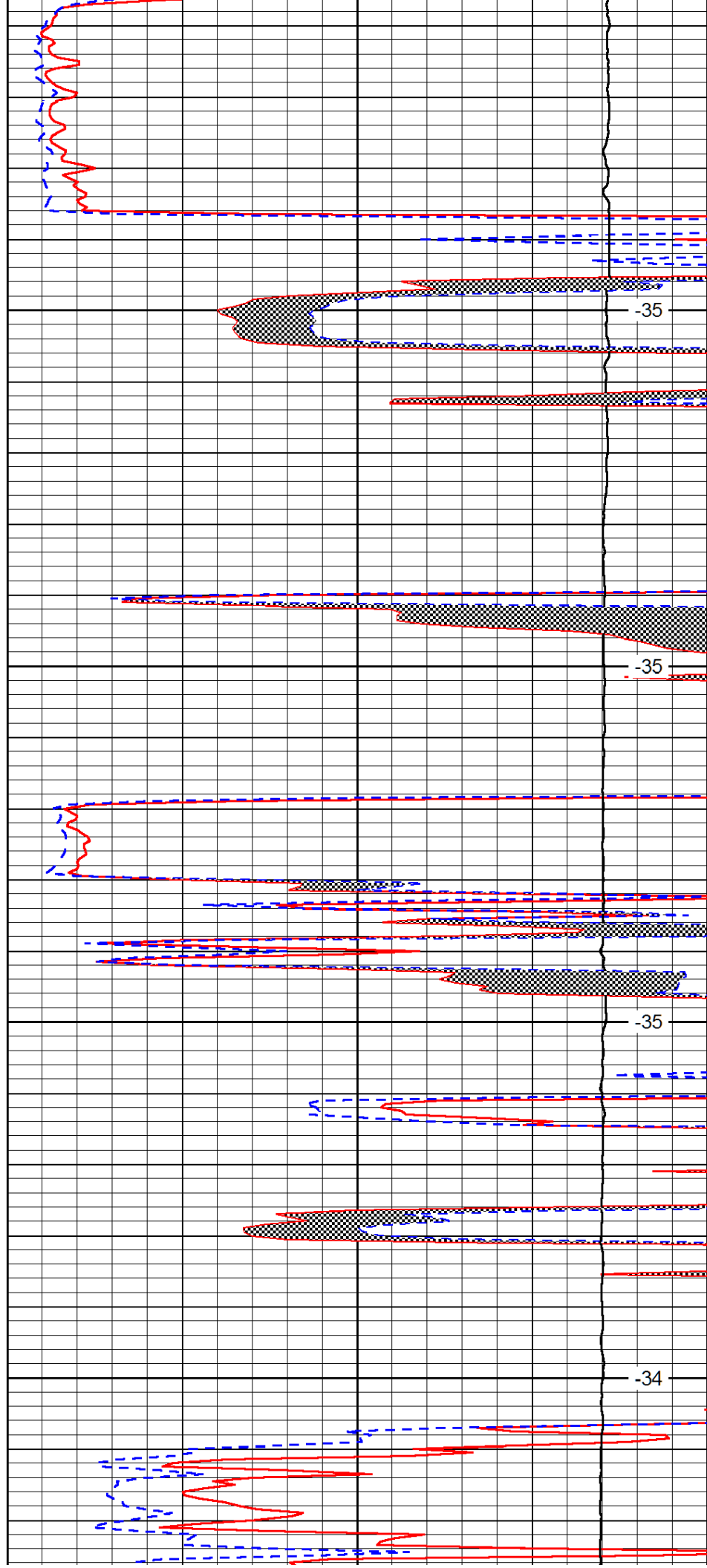


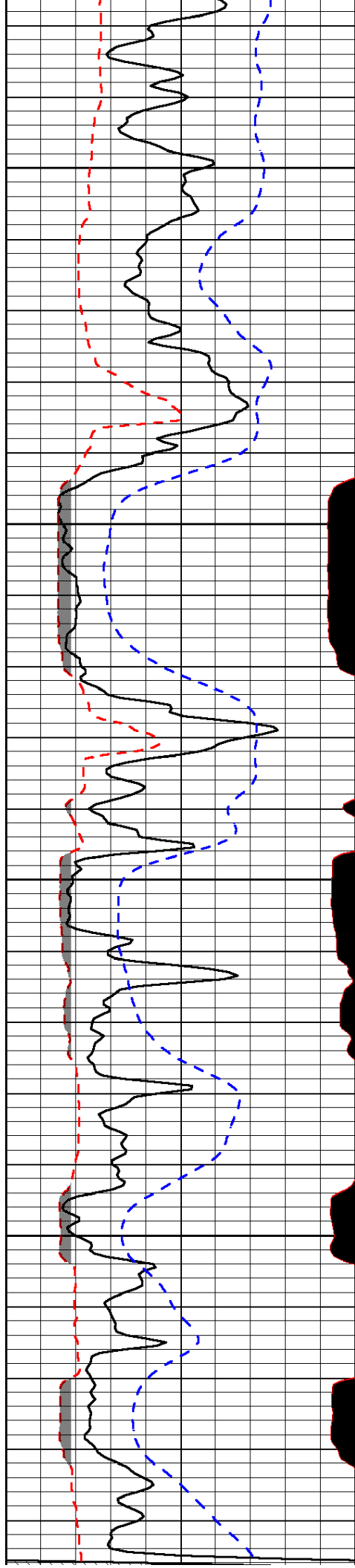
3250

3300

3350

3400



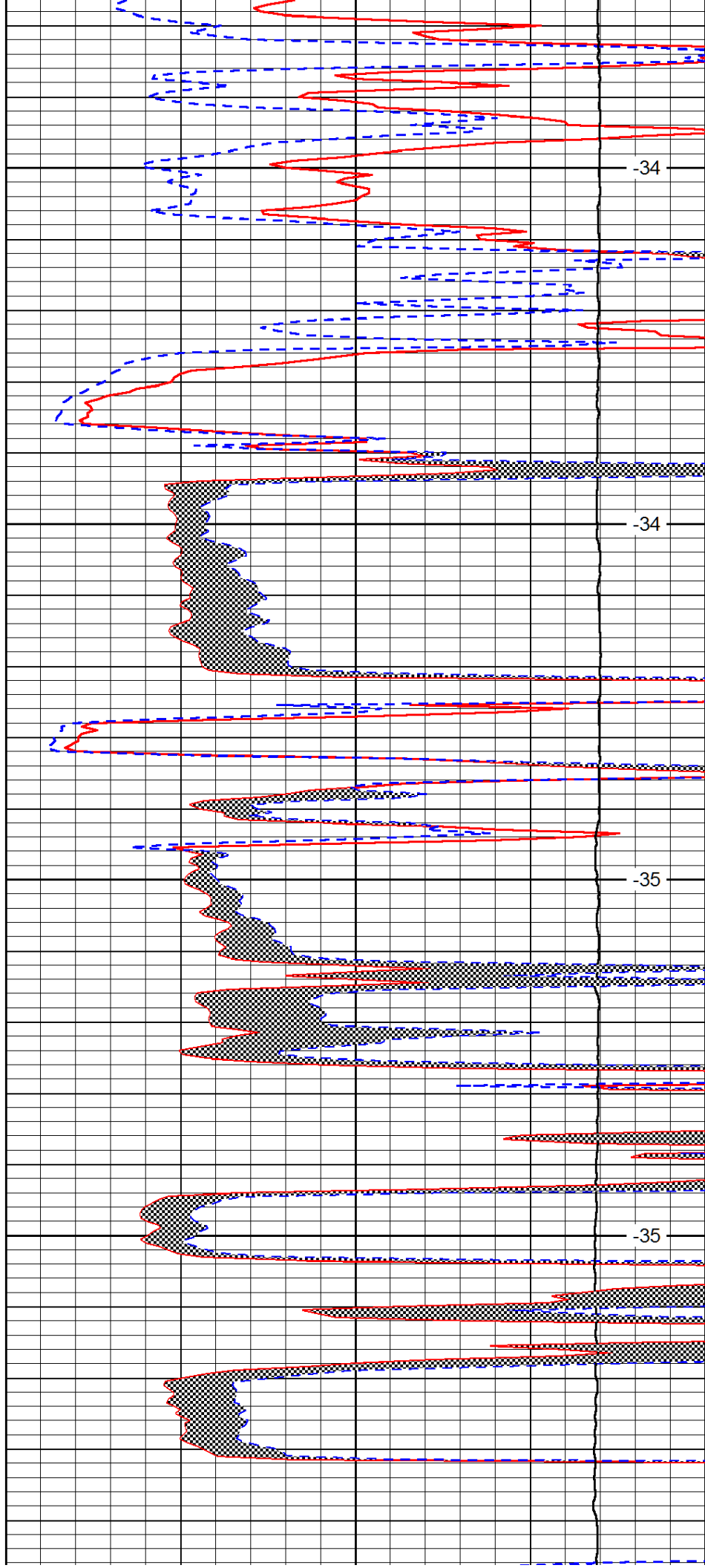


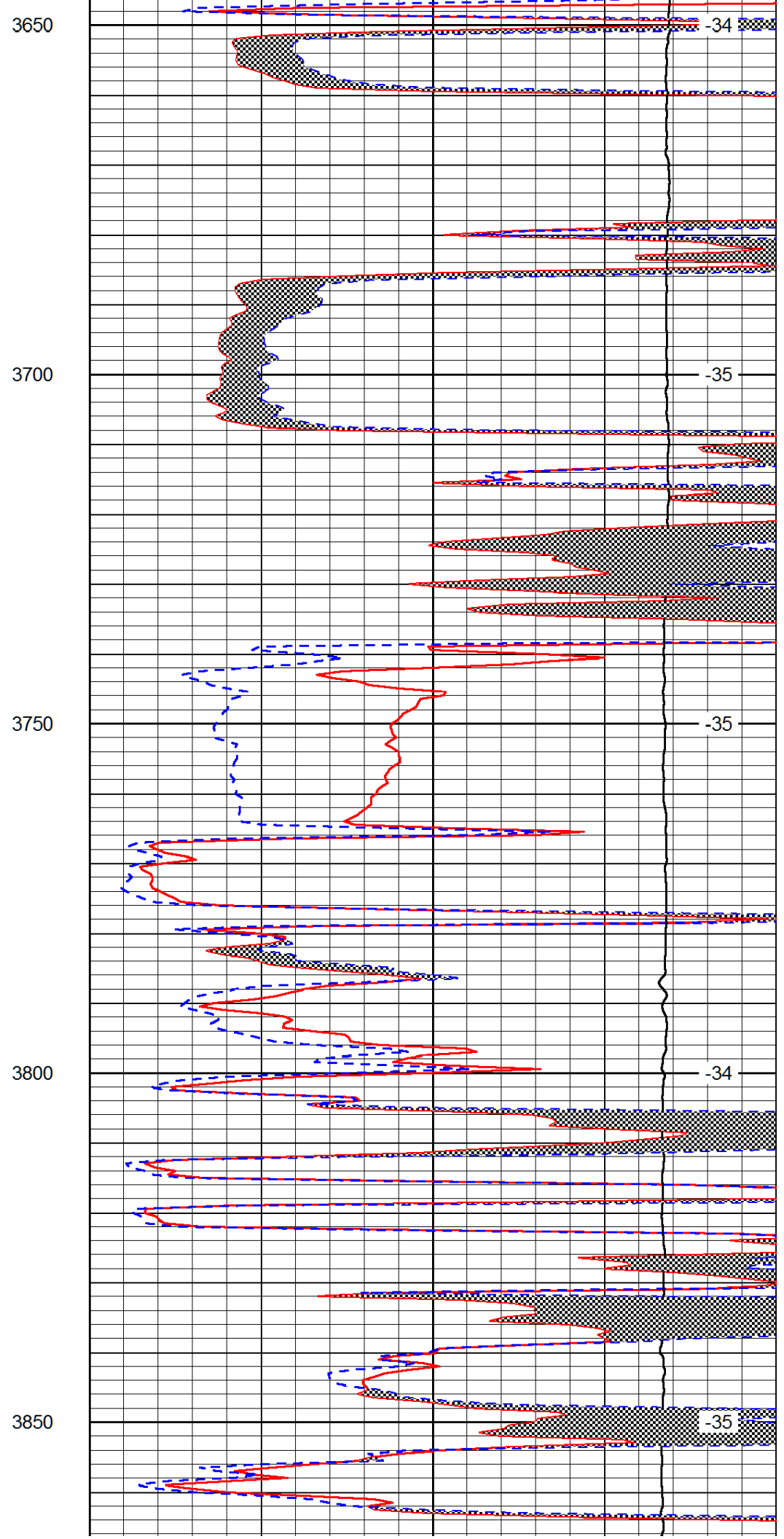
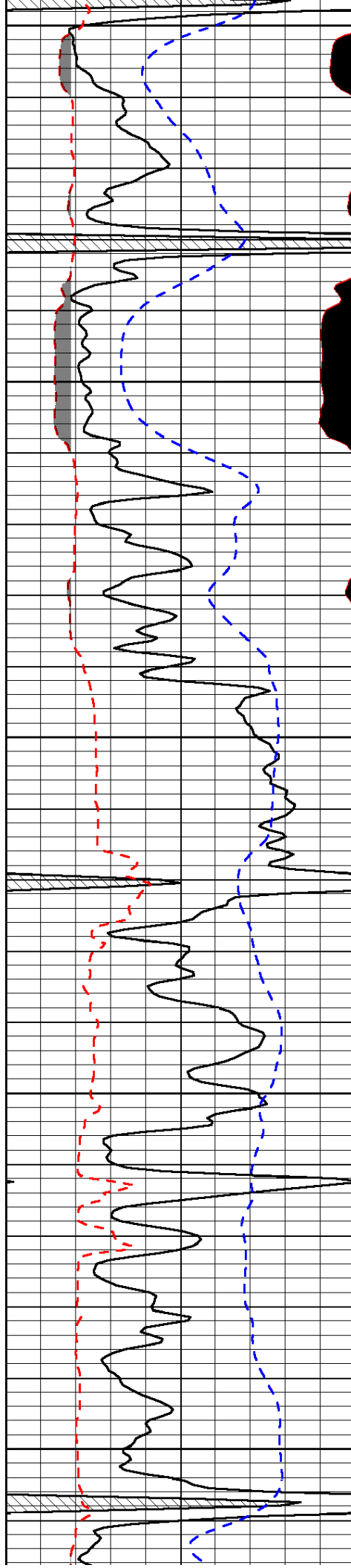
3450

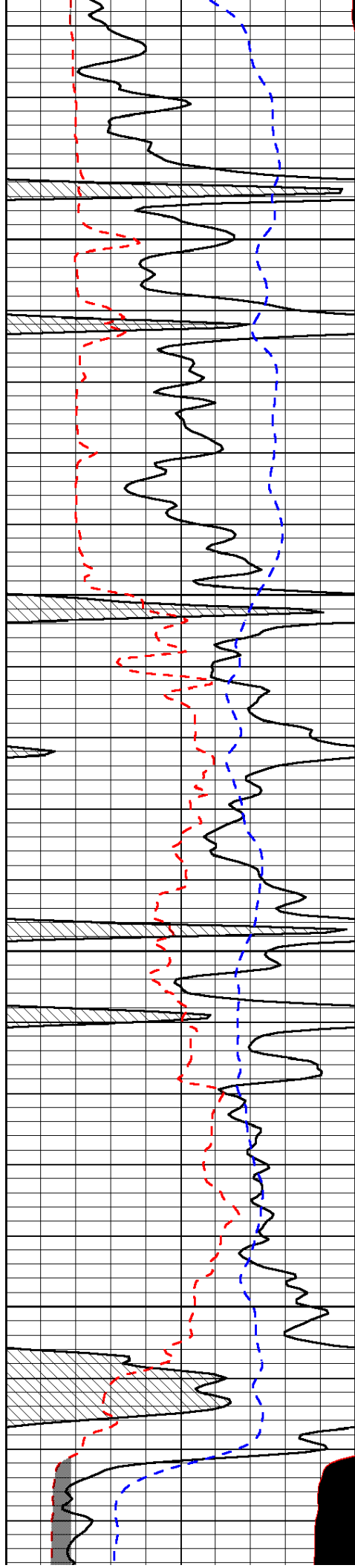
3500

3550

3600





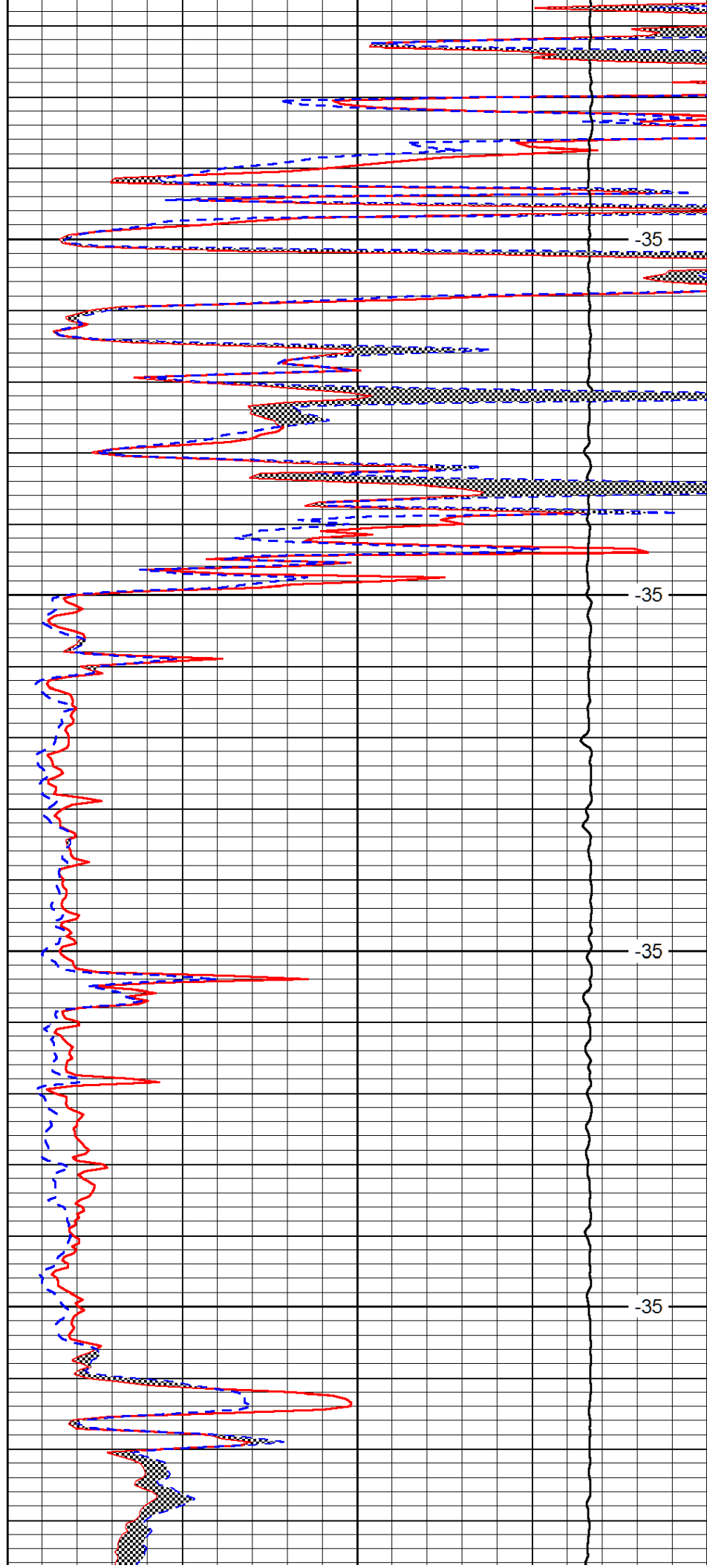


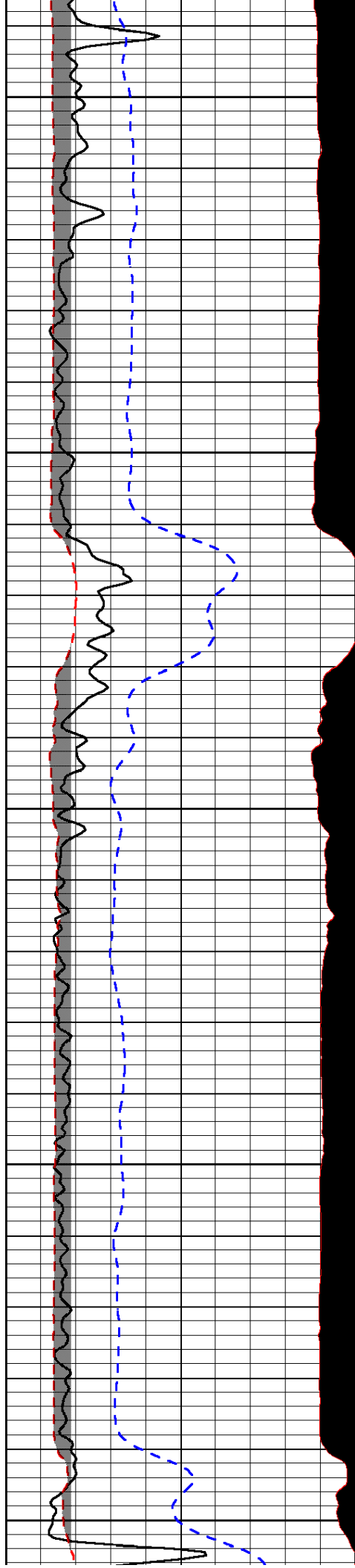
3900

3950

4000

4050





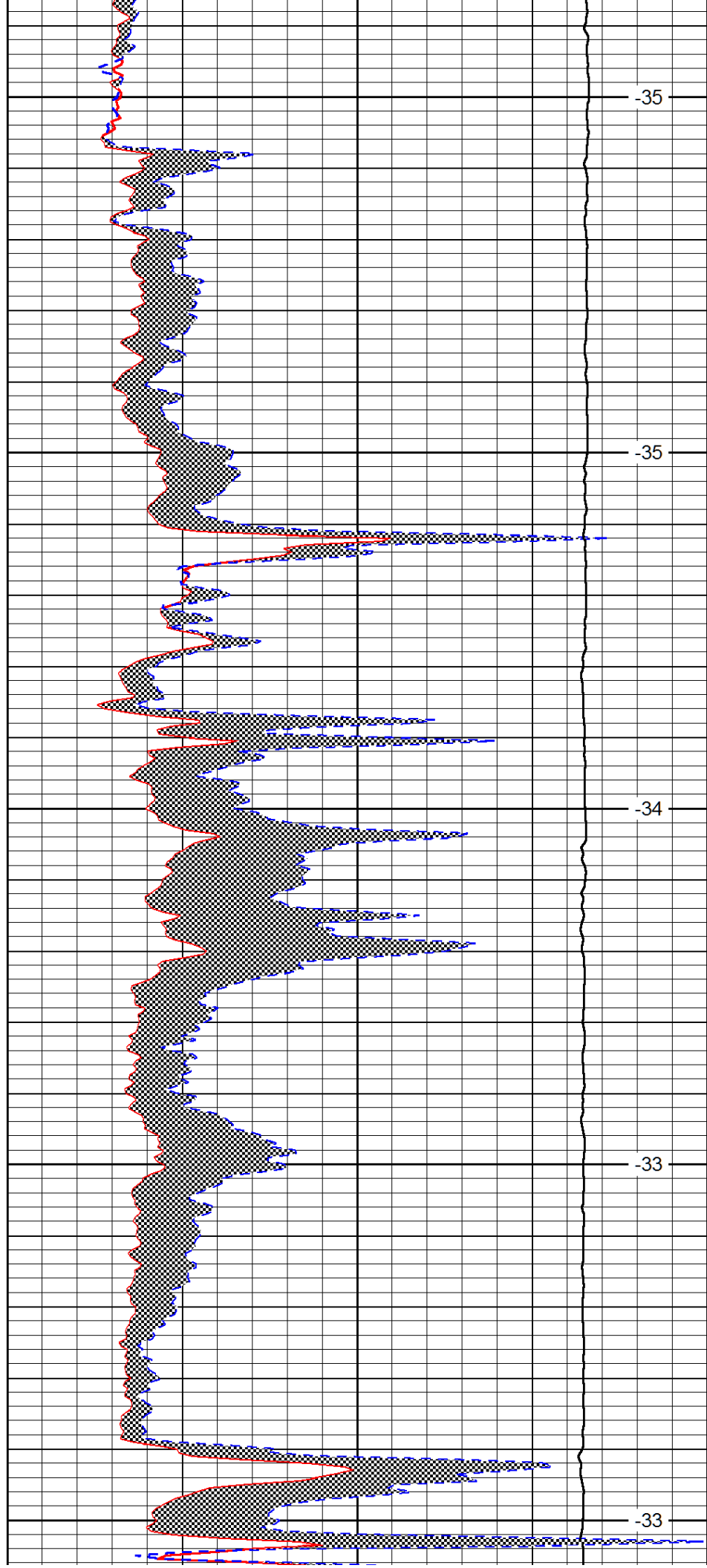
4100

4150

4200

4250

4300



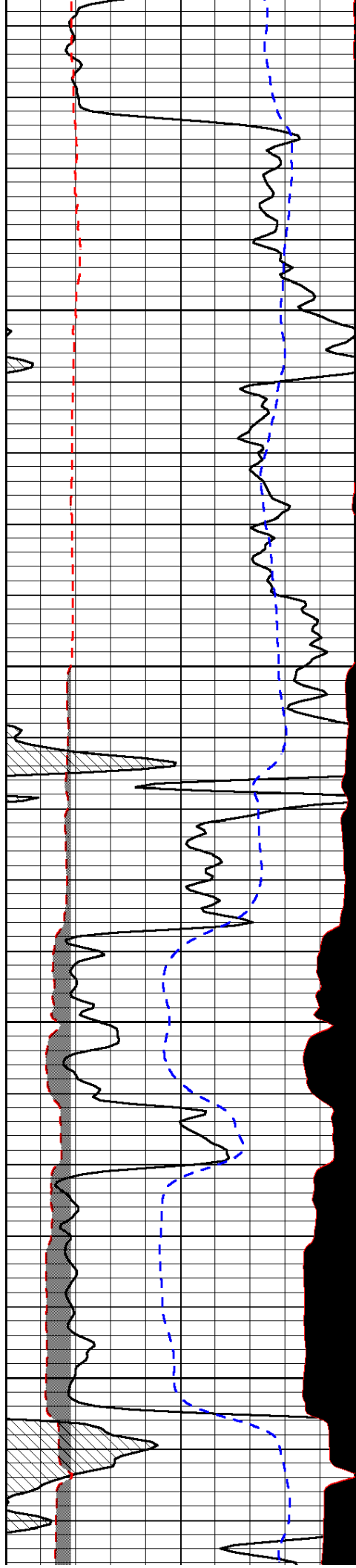
-35

-35

-34

-33

-33

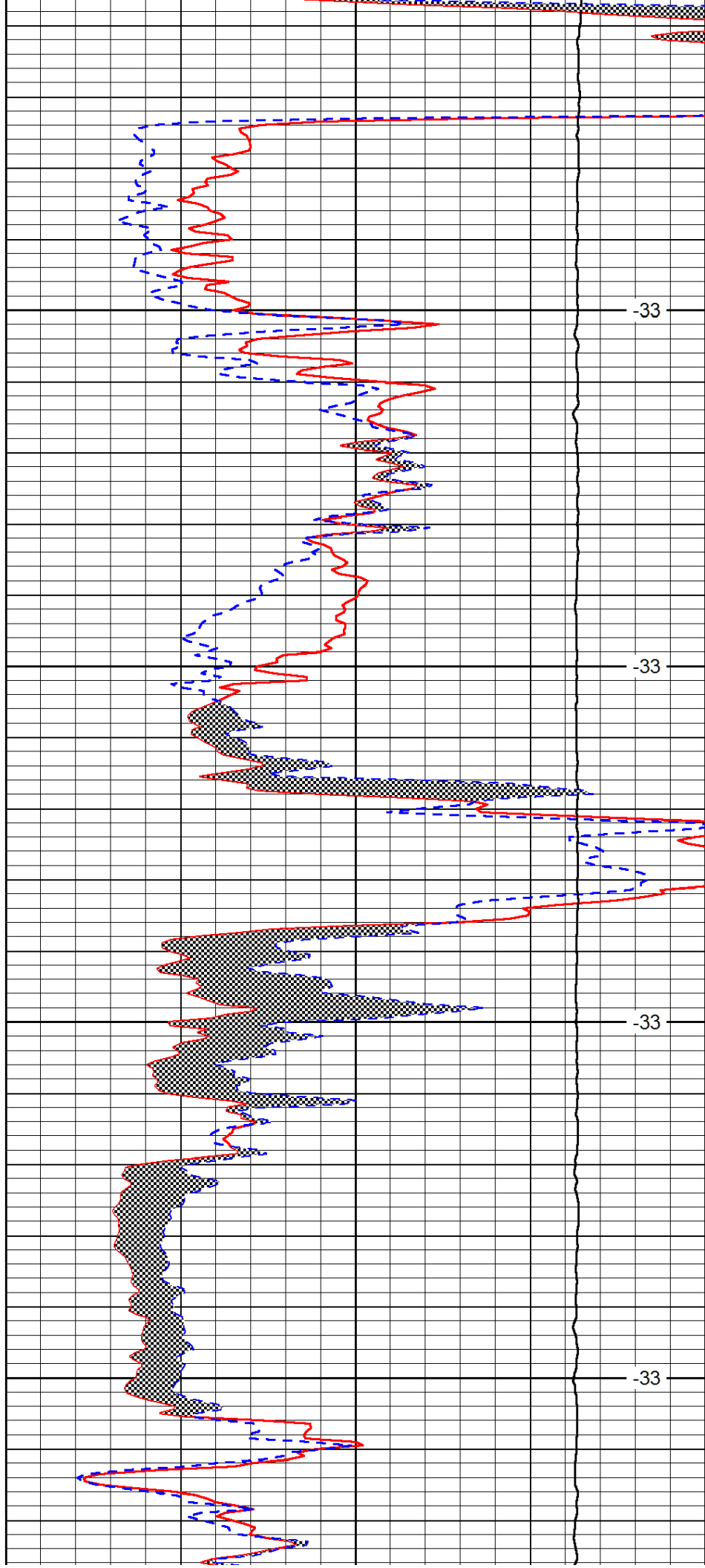


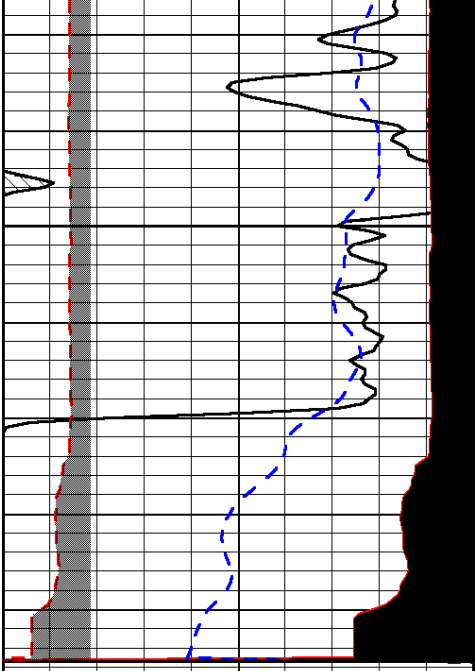
4350

4400

4450

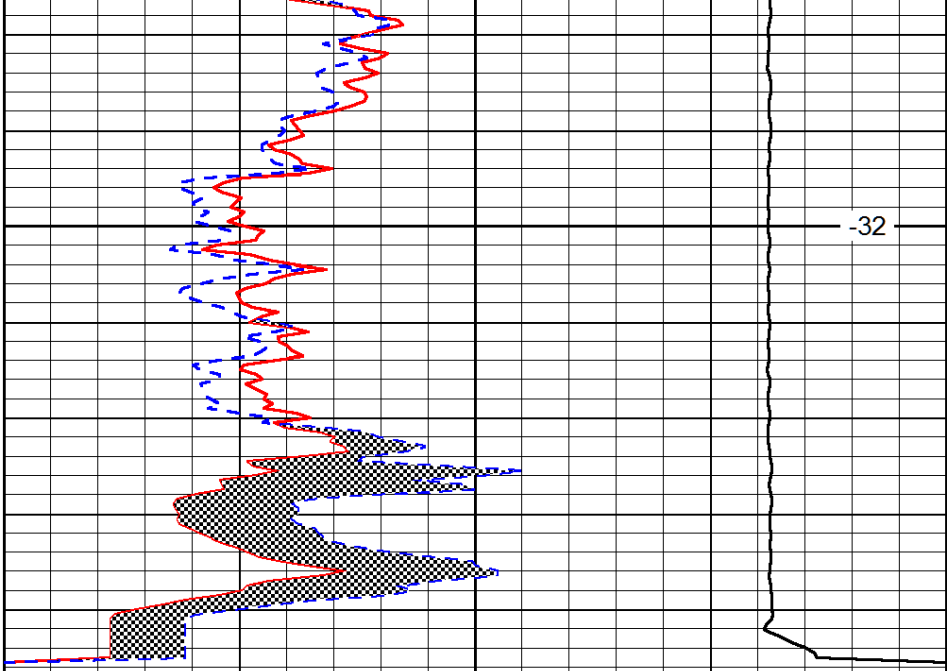
4500





0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

4550



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD
(ft/min)