



Pioneer Energy Services

Microresistivity Log

API No.

15-109-21380-00-00

Company **Black Tea Oil, LLC**

Well **Rose Trust "B" #3**

Field **Wildcat**

County **Logan** State

Kansas

Location

**SE NW SE NW
1950' FNL / 1895' FWL**

Other Services
CNL / CDL
DIL / BHCS

Sec: **29**

Twp: **14S**

Rge: **32W**

Elevation

Permanent Datum **Ground Level** Elevation **2656**
Log Measured From **Kelly Bushing** 9 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 2665
D.F. 2656
G.L. 2656

Date

1/17/2015

Run Number

Two

Depth Driller

4372

Depth Logger

4370

Bottom Logged Interval

4369

Top Log Interval

3000

Casing Driller

8.625 @ 264

Casing Logger

263

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

10.000

Density / Viscosity

9.2 56

pH / Fluid Loss

10.0 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

0.40 @ 60

Rmf @ Meas. Temp

0.30 @ 60

Rmc @ Meas. Temp

0.54 @ 60

Source of Rmf / Rmc

Charts

Rm @ BHT

0.20 @ 120

Operating Rig Time

5 Hours

Max Rec. Temp. F

120

Equipment Number

15

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Mike Sell

<<< 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

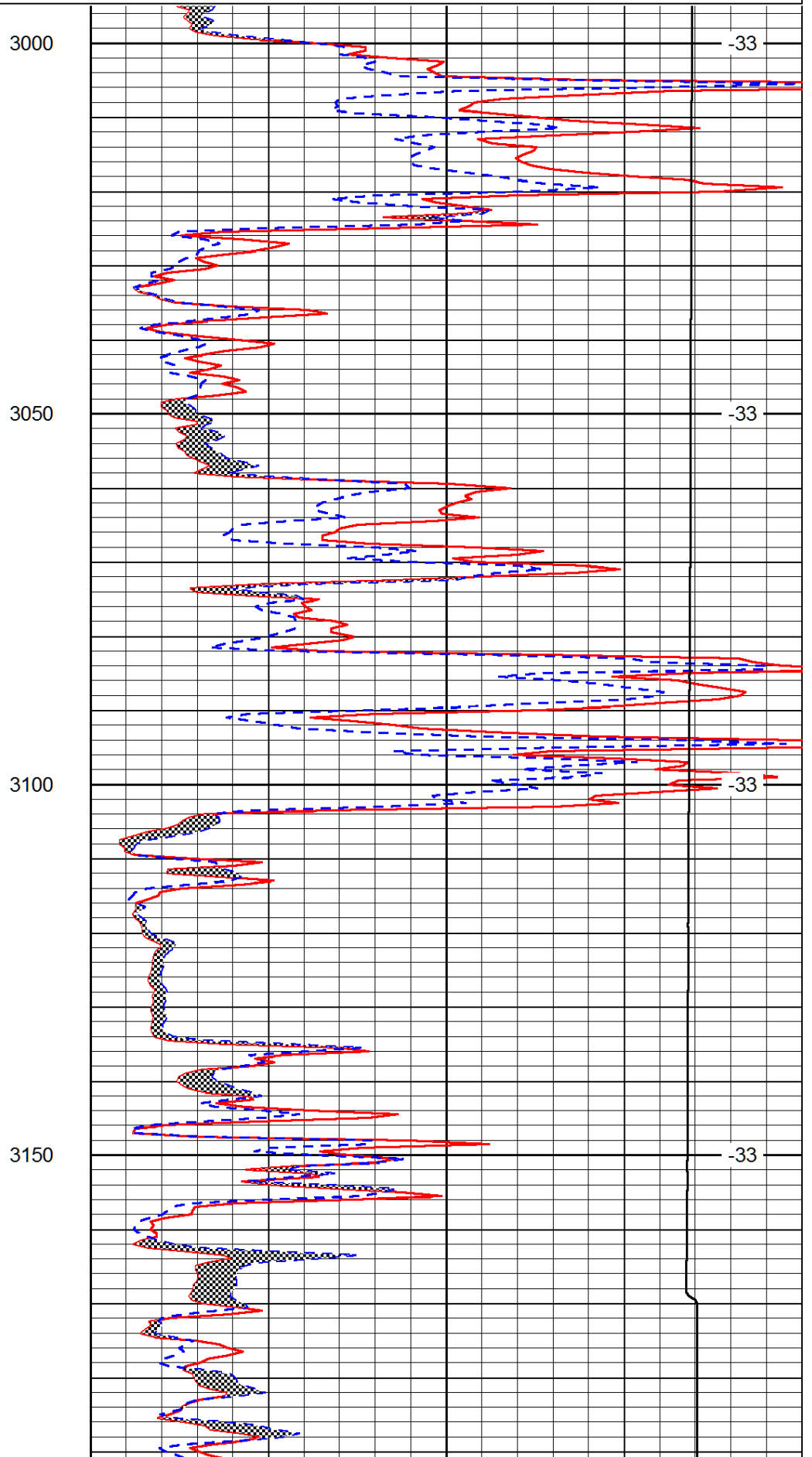
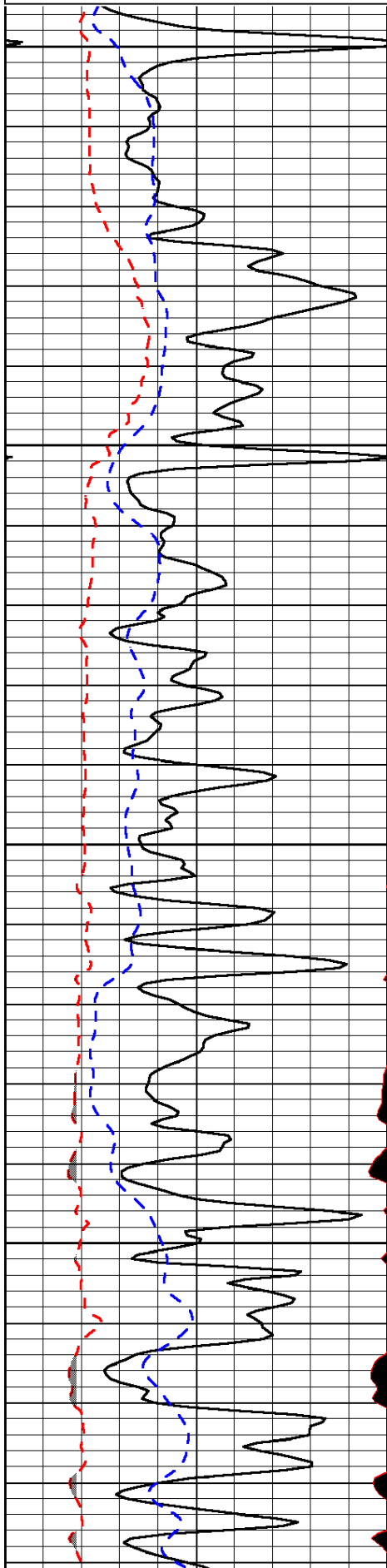
Thank you for using Log-Tech, Inc.
(785) 625-3858

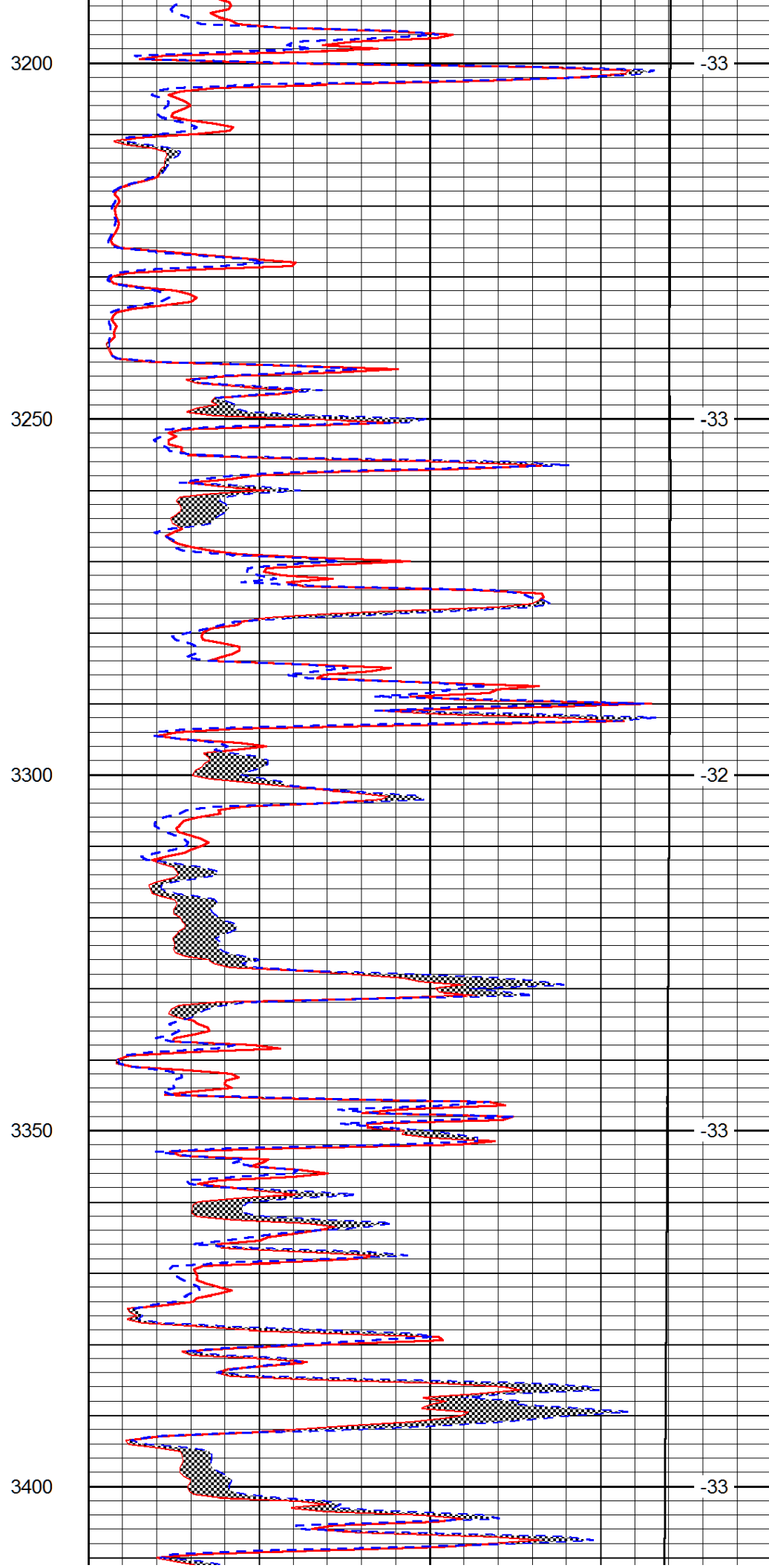
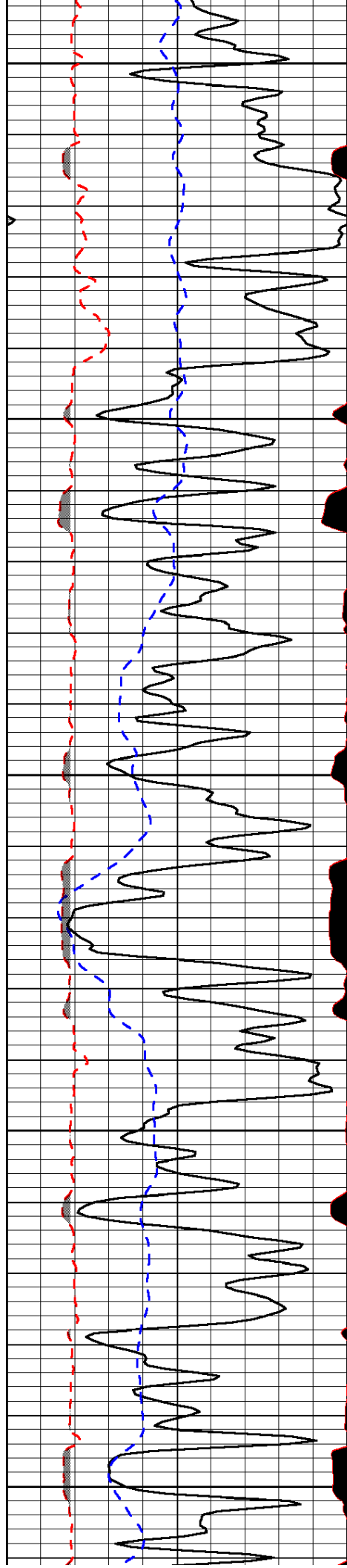
Oakley, KS:
S to Gold Rd., 2 1/2W, 1 1/2N into

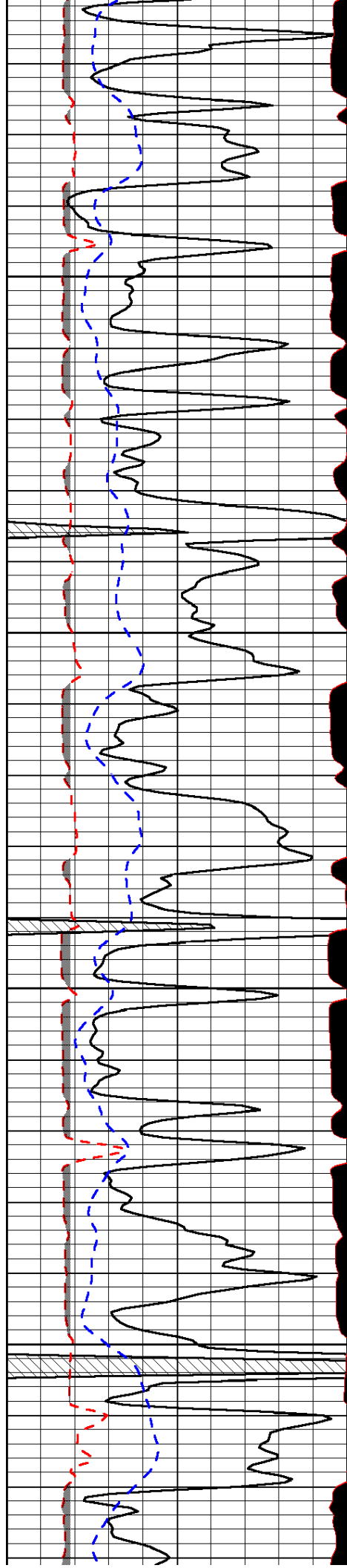
Database File: blktea_rhd.db
Dataset Pathname: dil/bktmain
Presentation Format: micro
Dataset Creation: Sat Jan 17 19:03:25 2015
Charted by: Depth in Feet scaled 1:240

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

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





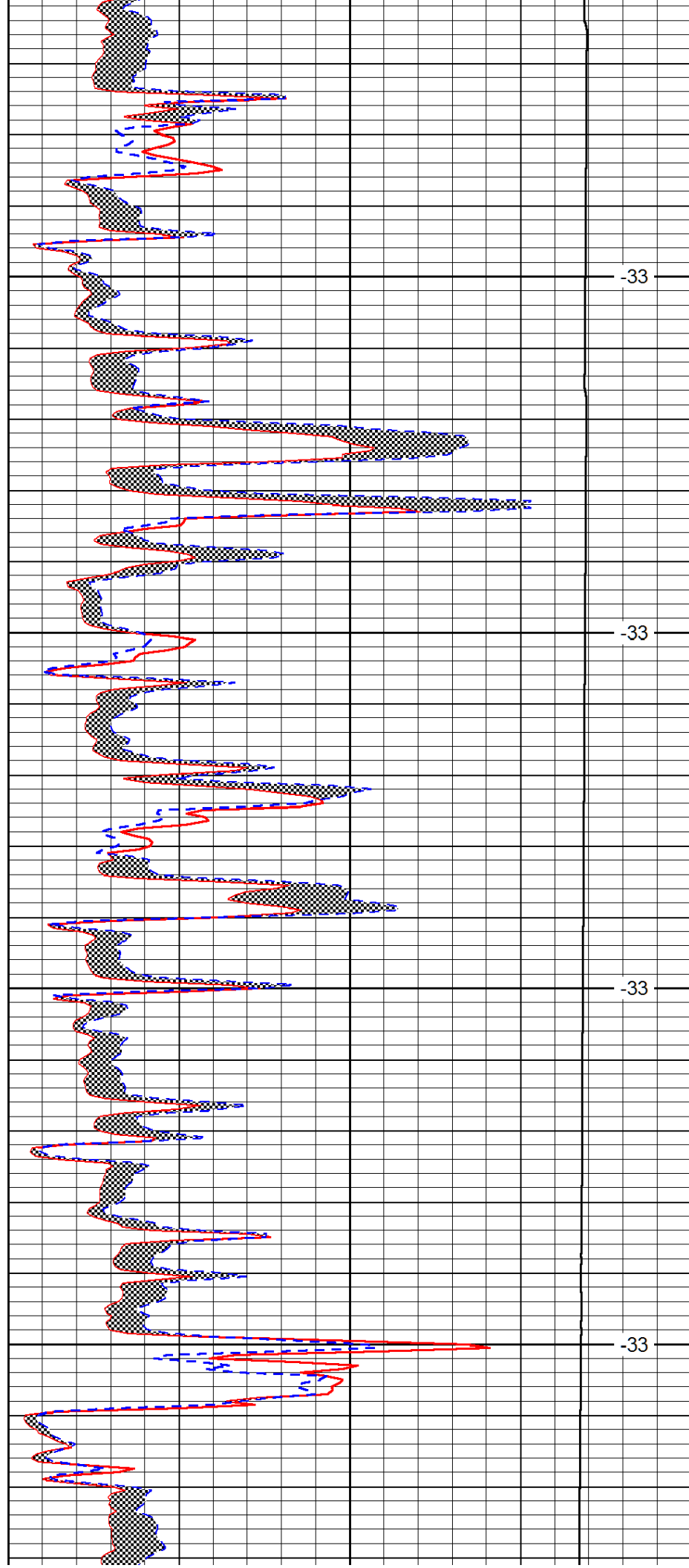


3450

3500

3550

3600

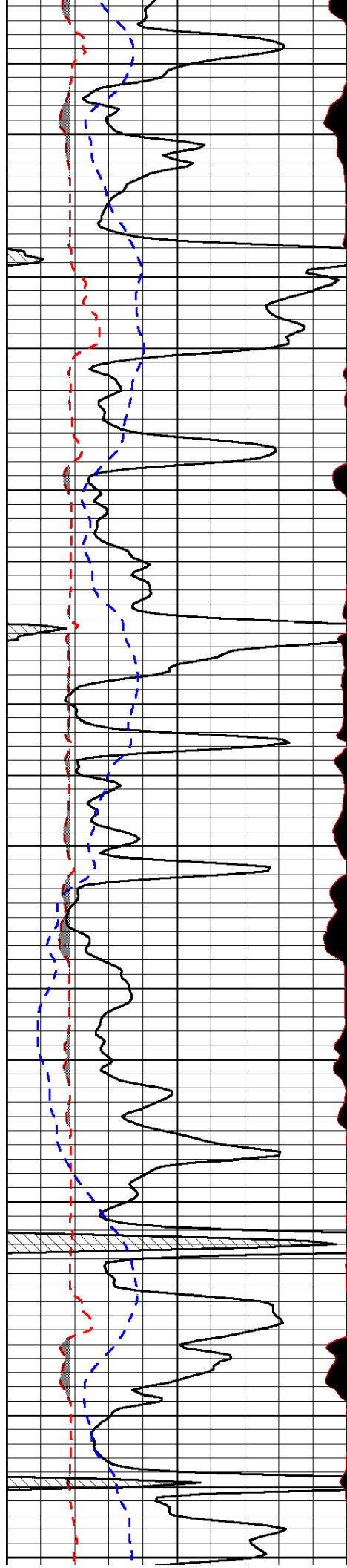


-33

-33

-33

-33



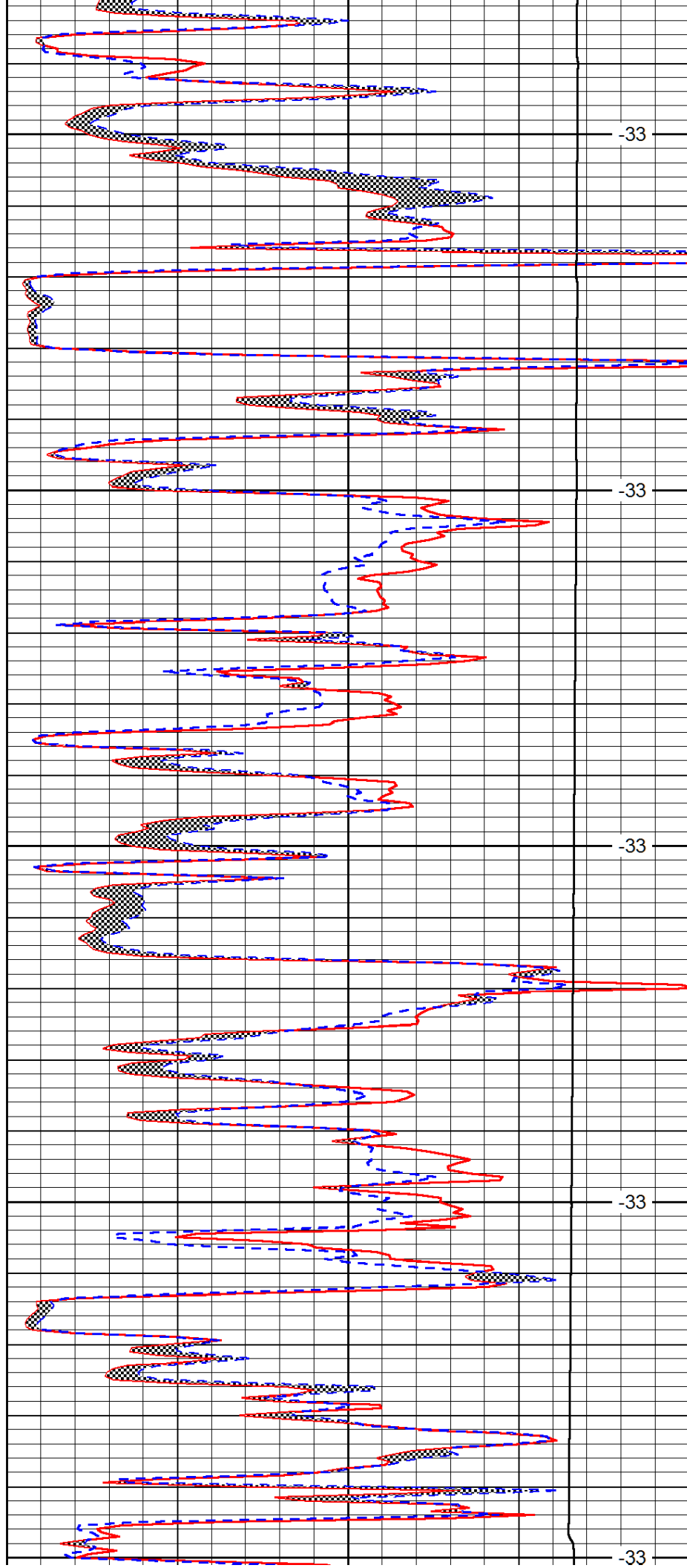
3650

3700

3750

3800

3850



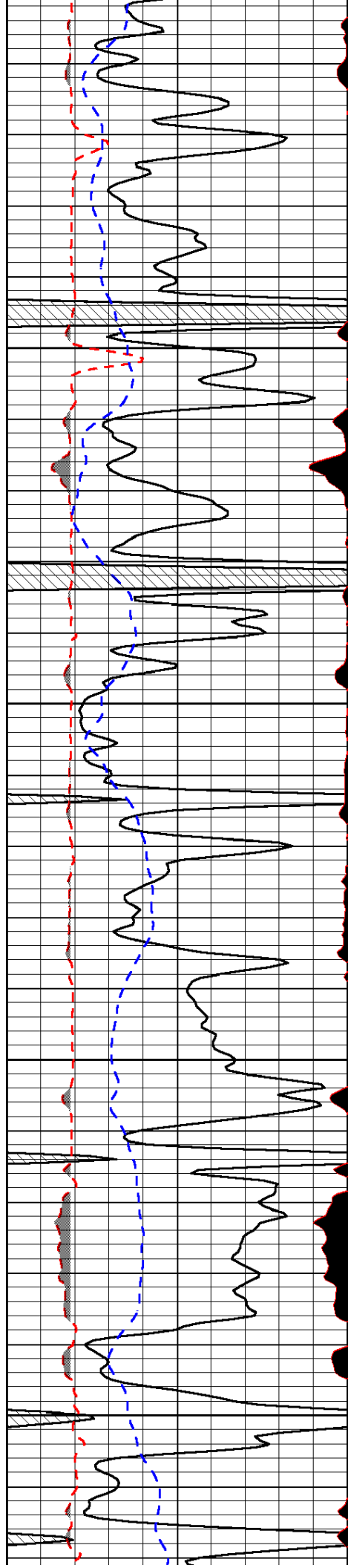
-33

-33

-33

-33

-33

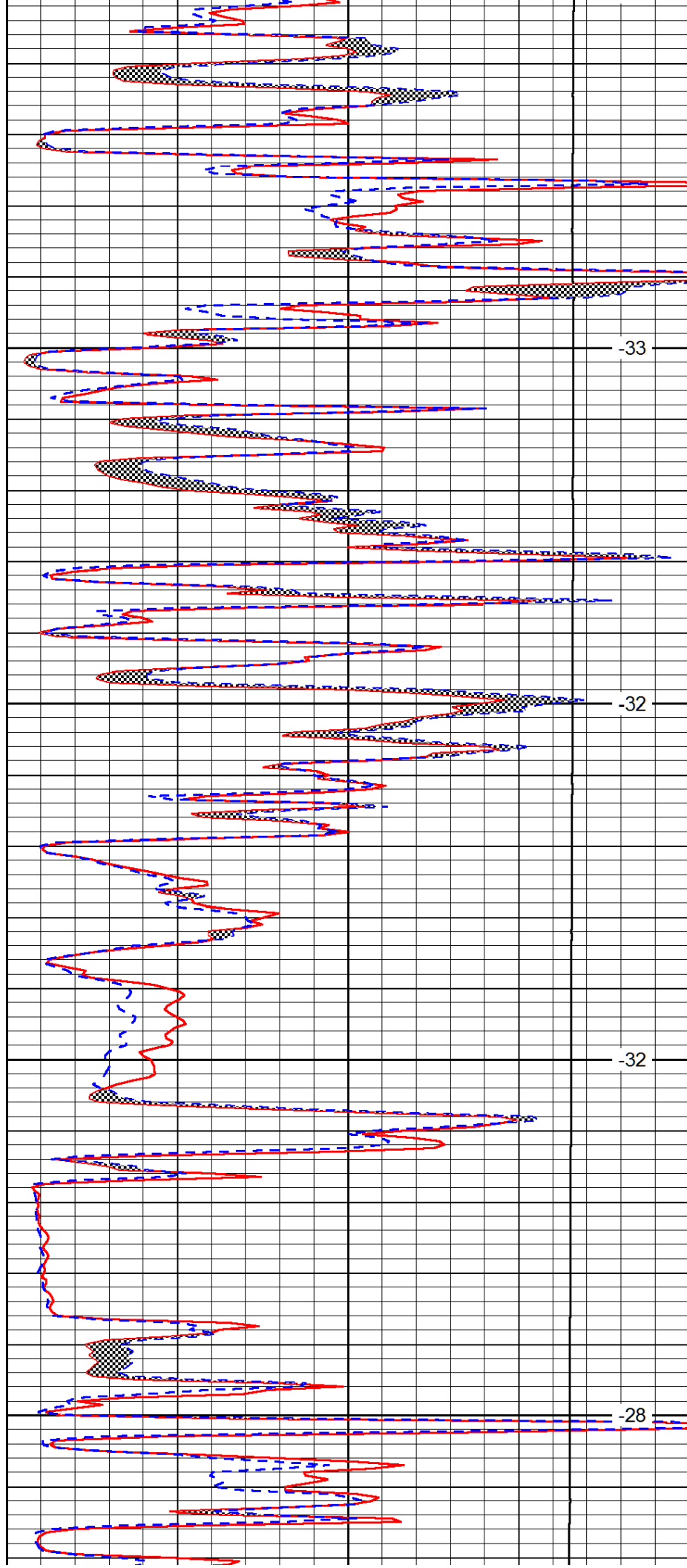


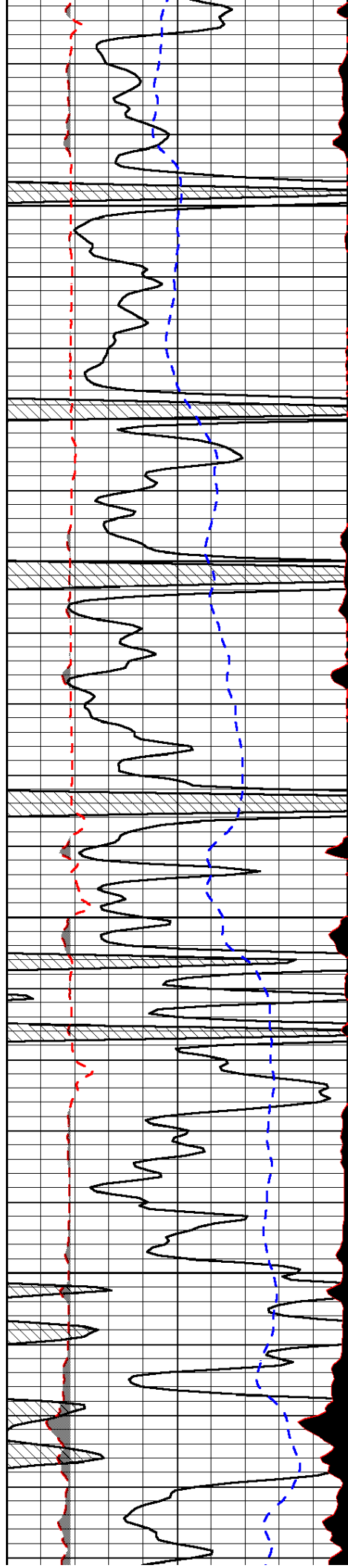
3900

3950

4000

4050



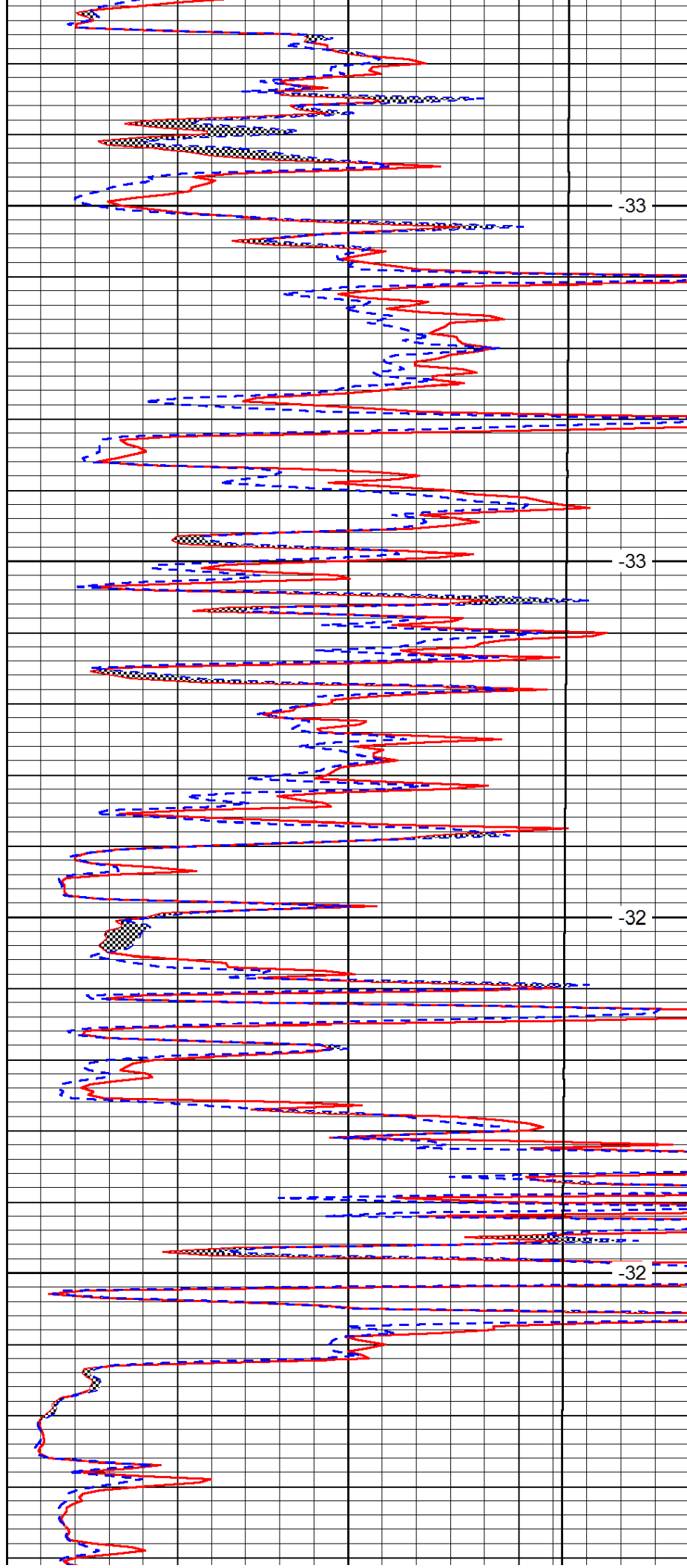


4100

4150

4200

4250

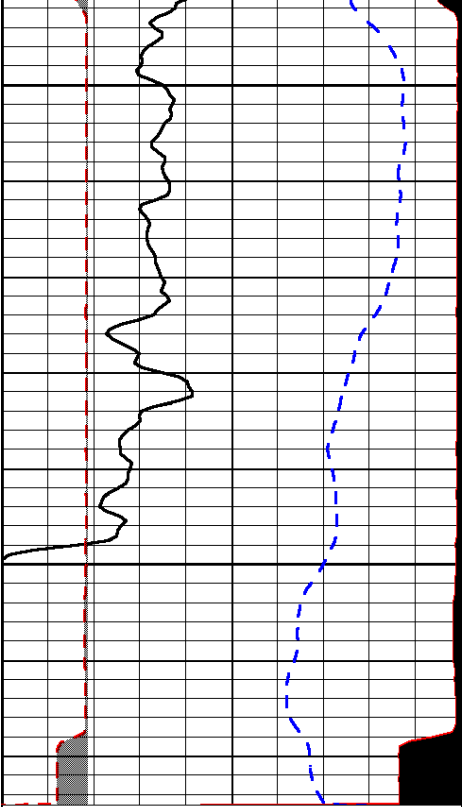


-33

-33

-32

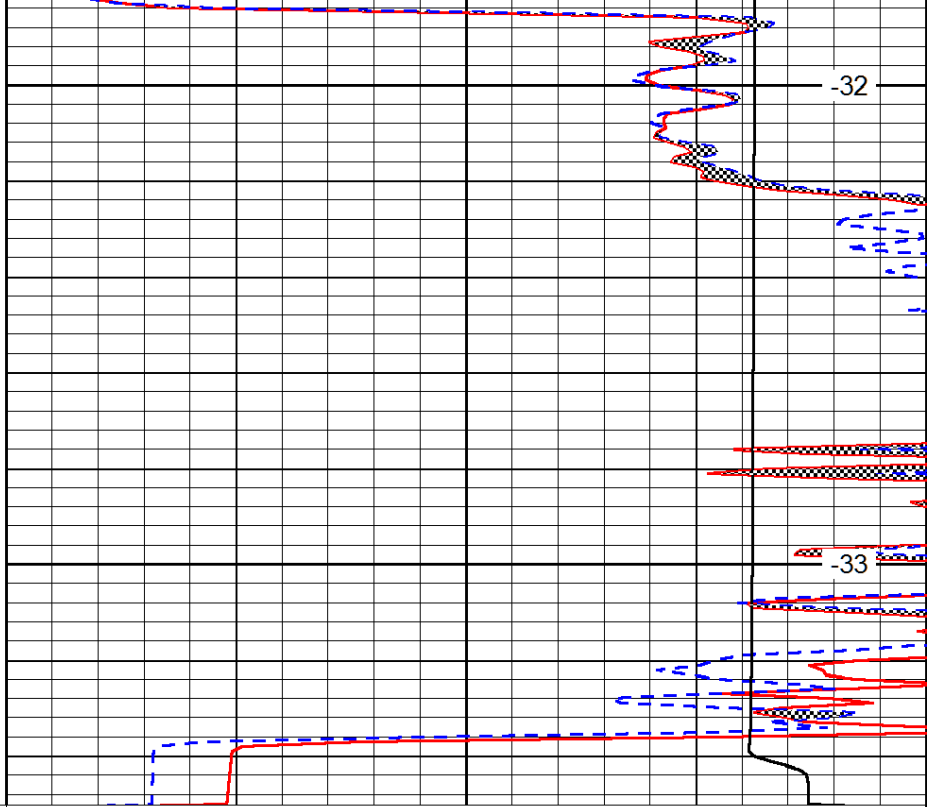
-32



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

4300

4350



0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0

LSPD
