



Microresistivity Log

Pioneer Energy Services

API No.

15-051-26,485-00-00

Company TDI, Inc.

Well Henman Unit #1

Field Unnamed

County Ellis State

Kansas

Location

SE SW SW SW
100' FSL & 625' FWL

Sec: 6

Twp: 15 S

Rge: 19 W

Elevation

Permanent Datum Ground Level Elevation 2638
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2648
D.F. 2638
G.L. 2638

Date

3/27/2013

Run Number

Two

Depth Driller

3685

Depth Logger

3683

Bottom Logged Interval

3682

Top Log Interval

2250

Casing Driller

8.625 @ 222

Casing Logger

217

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2600

Density / Viscosity

9.5 75

pH / Fluid Loss

10.5 7.8

Source of Sample

Flowline

Rm @ Meas. Temp

1.3 @ 65

Rmf @ Meas. Temp

.98 @ 65

Rmc @ Meas. Temp

1.76 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

.75 @ 113

Operating Rig Time

4 Hours

Max Rec. Temp. F

113

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

Tom Denning

Herb Deines

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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

Antonino KS, 5 West, 1 South, 1/8 East, North Into

Database File: tdi_henmanunit_1hd.db

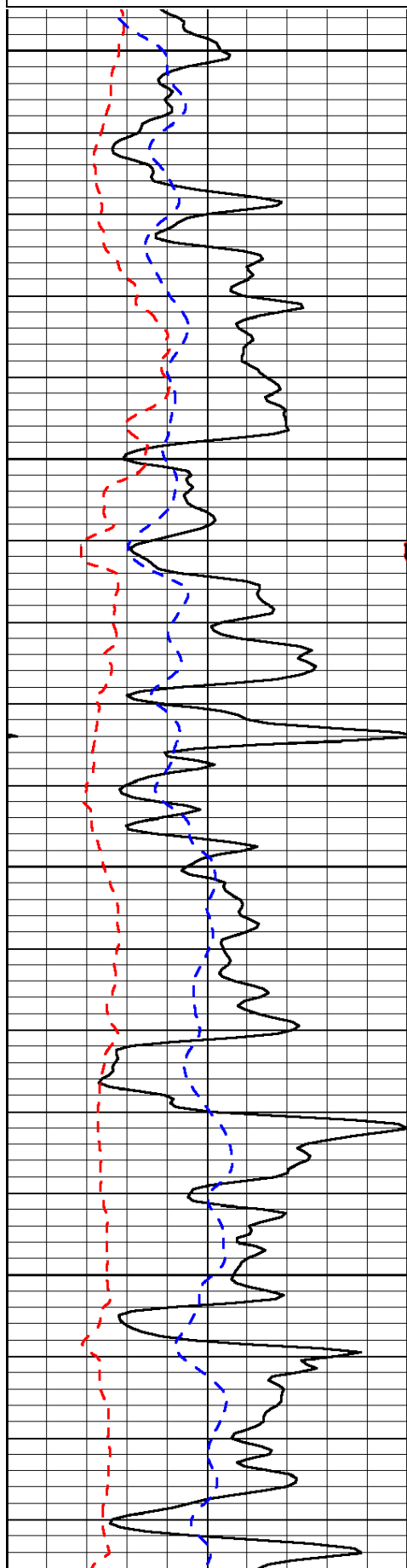
Dataset Pathname: DIL/tdistk

Presentation Format: micro

Dataset Creation: Wed Mar 27 23:19:23 2013

Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



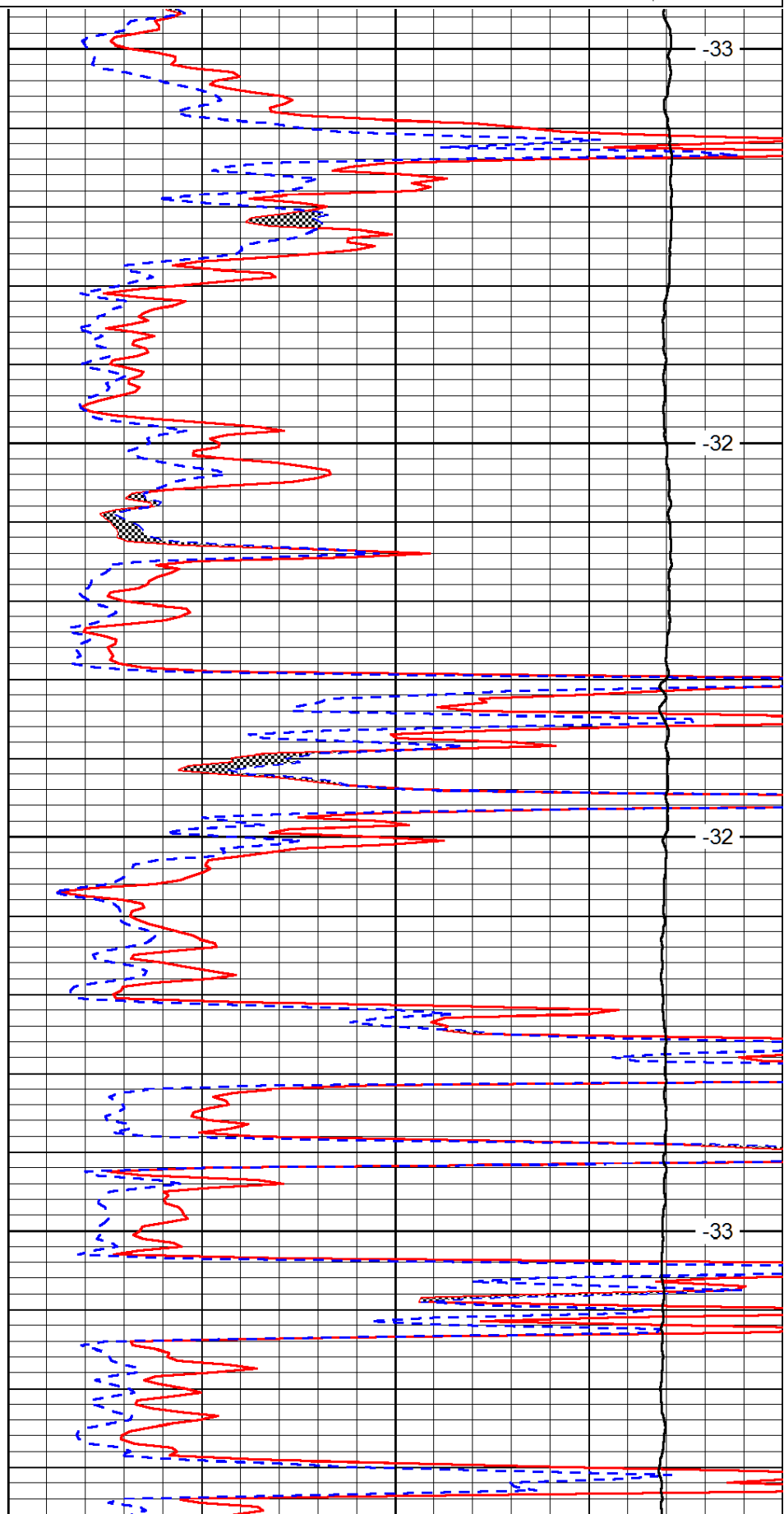
2250

2300

2350

2400

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

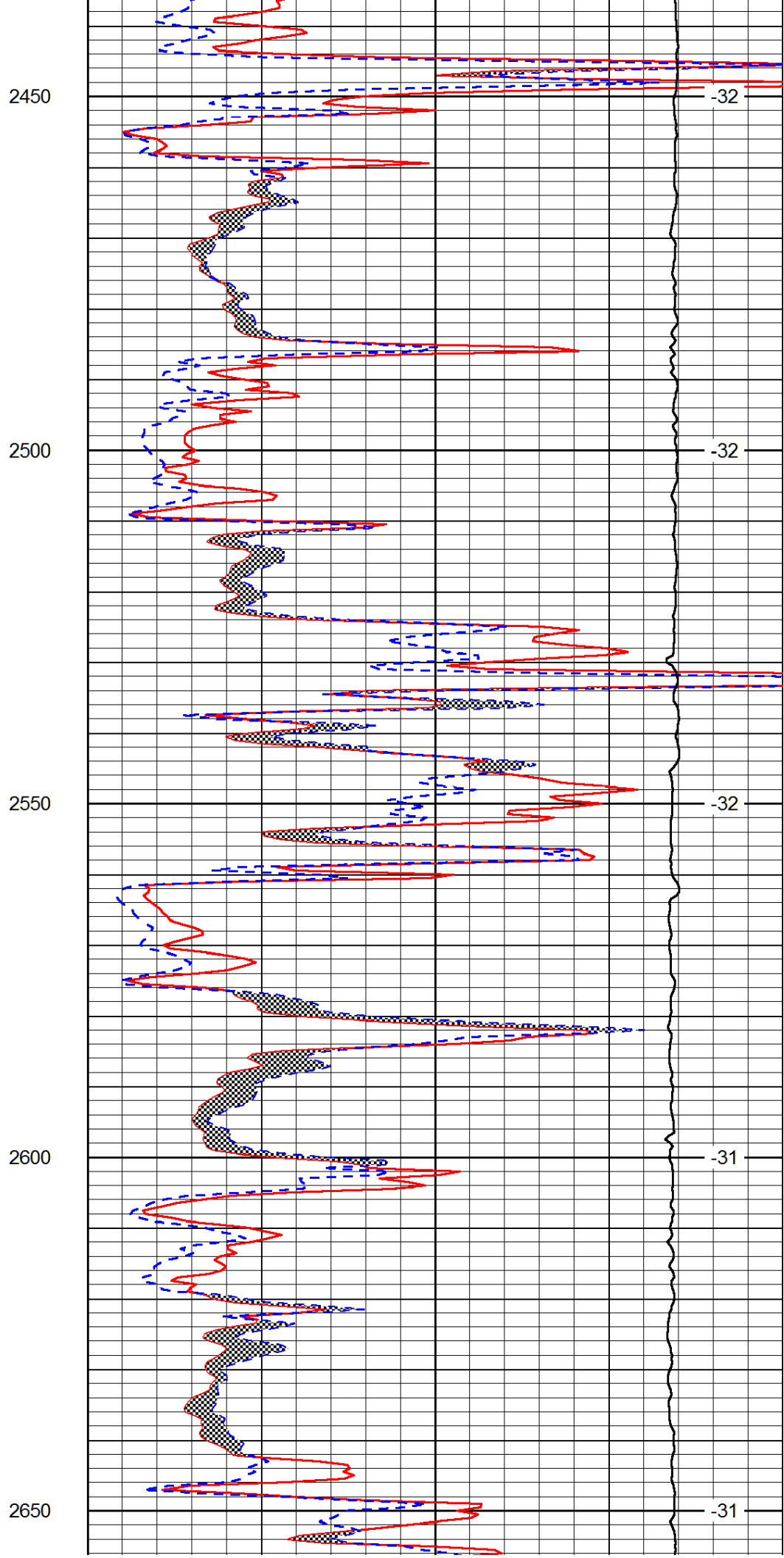
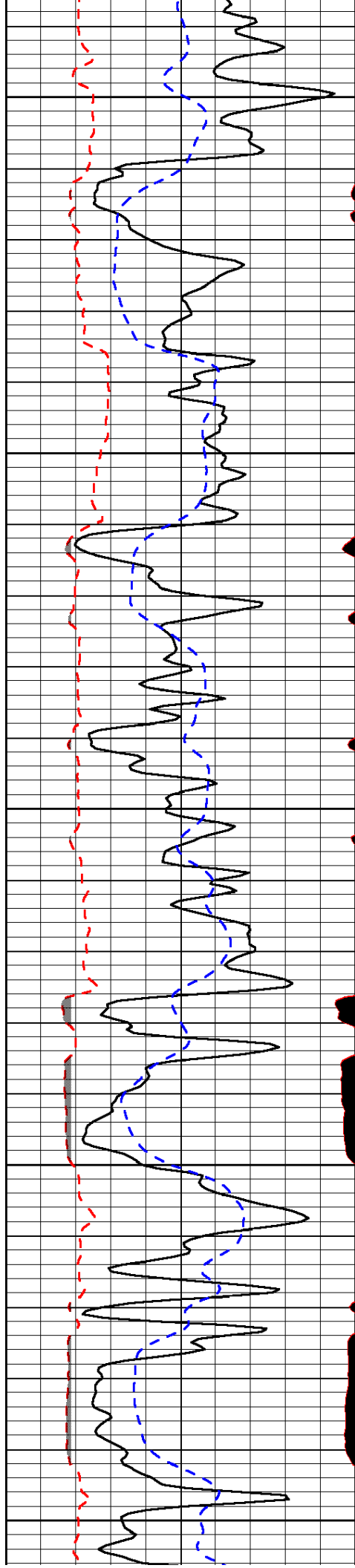


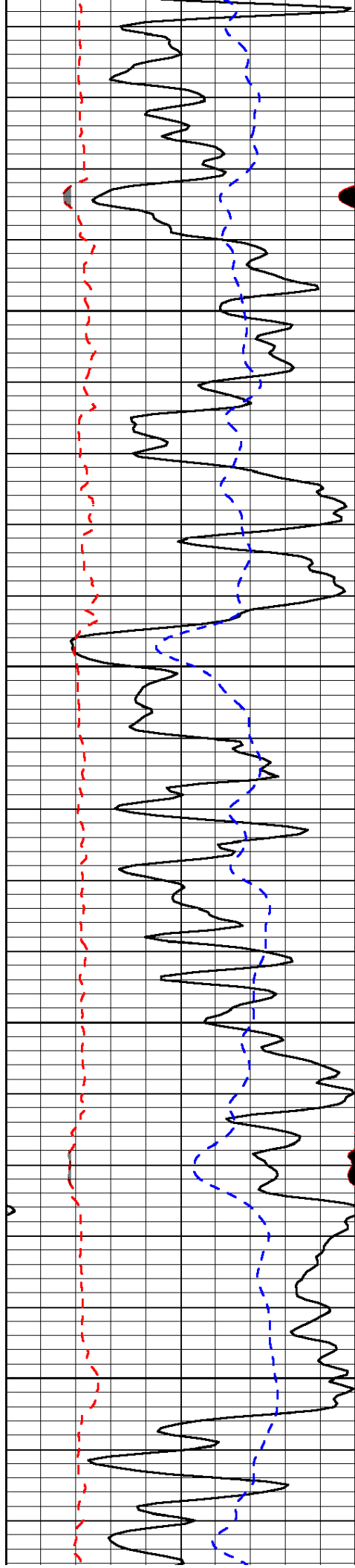
-33

-32

-32

-33



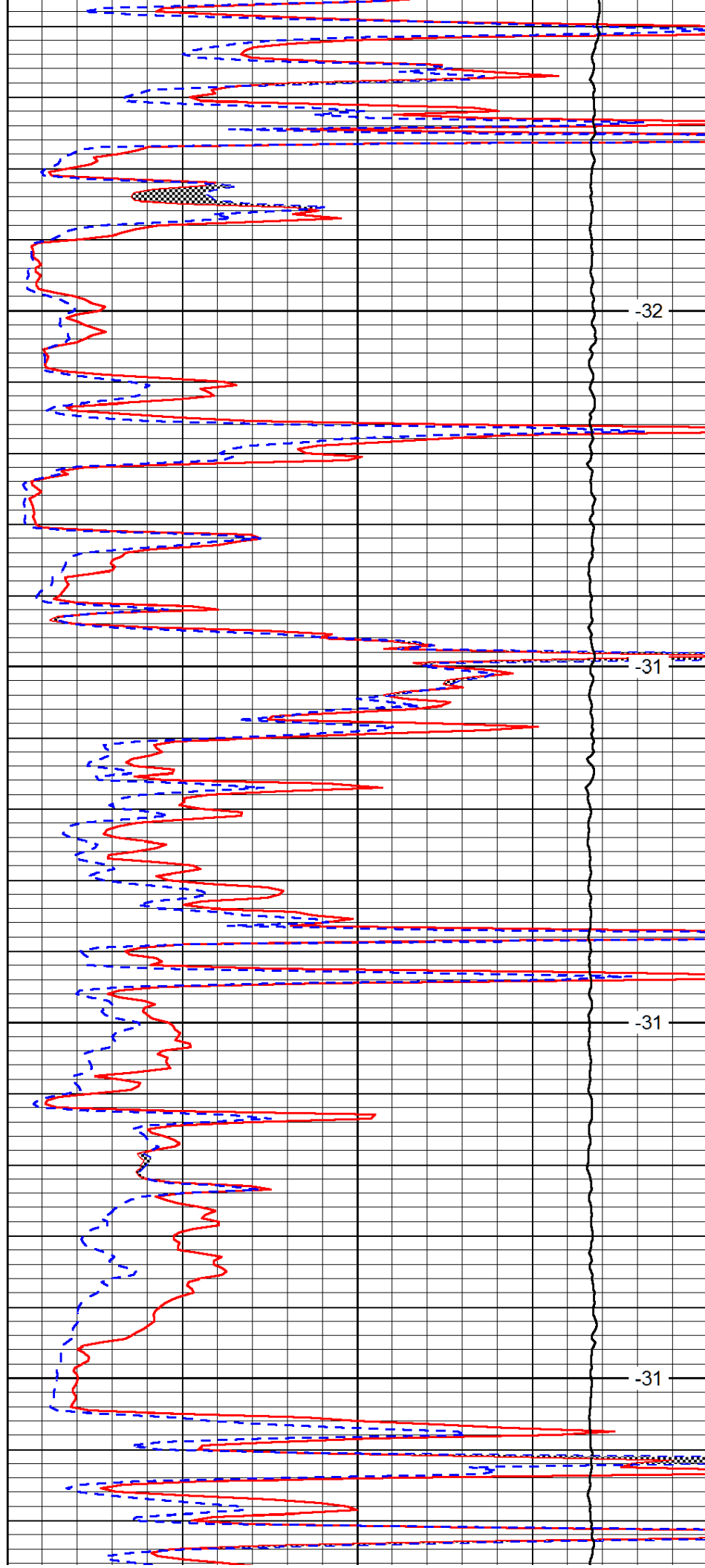


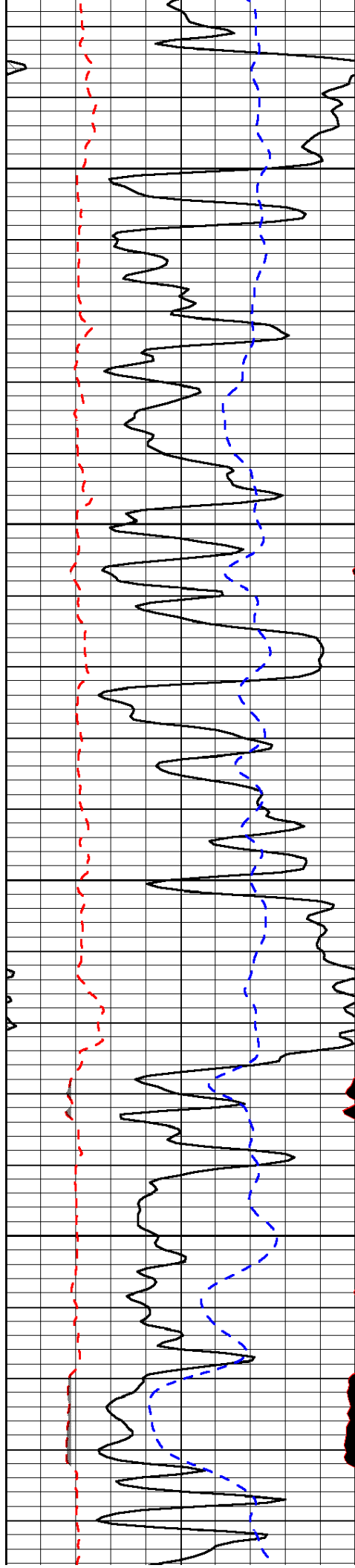
2700

2750

2800

2850



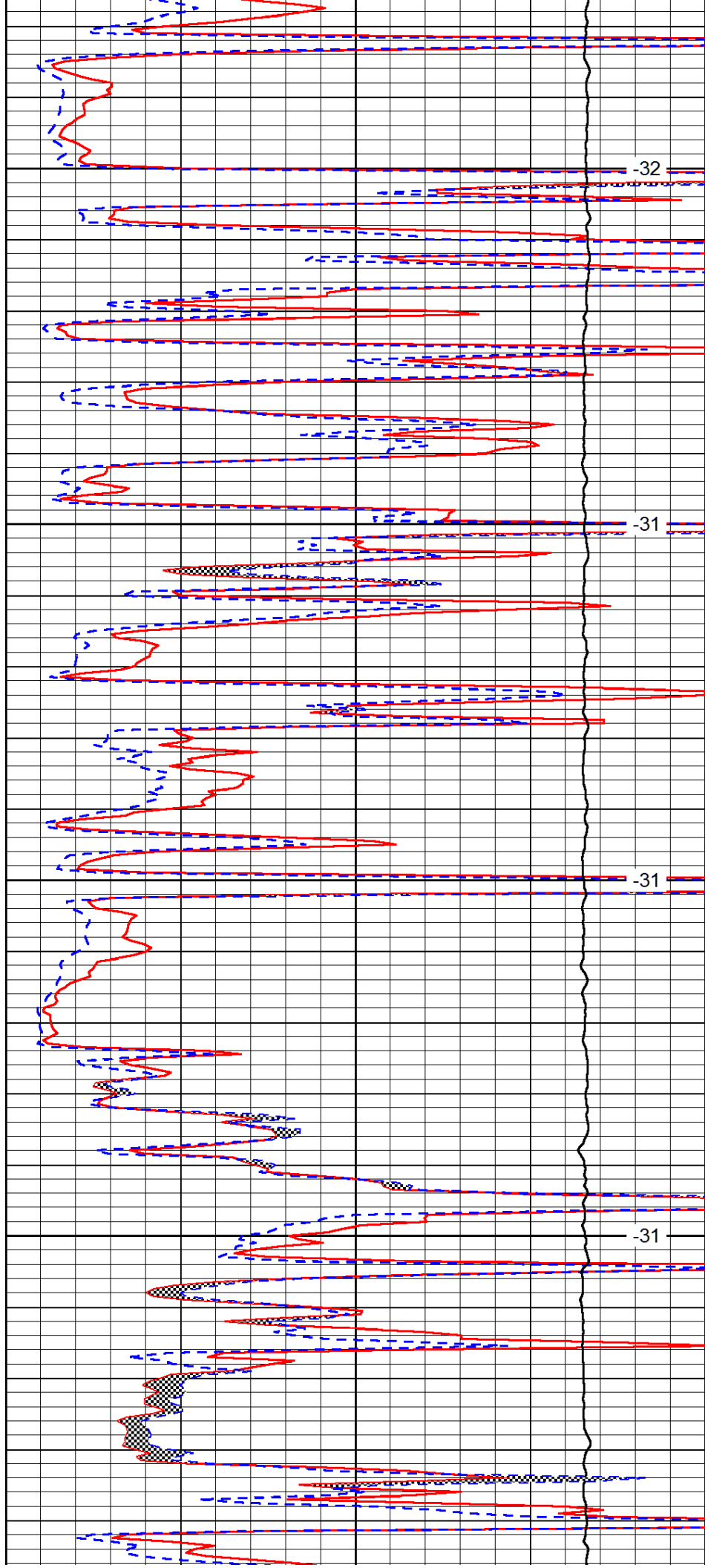


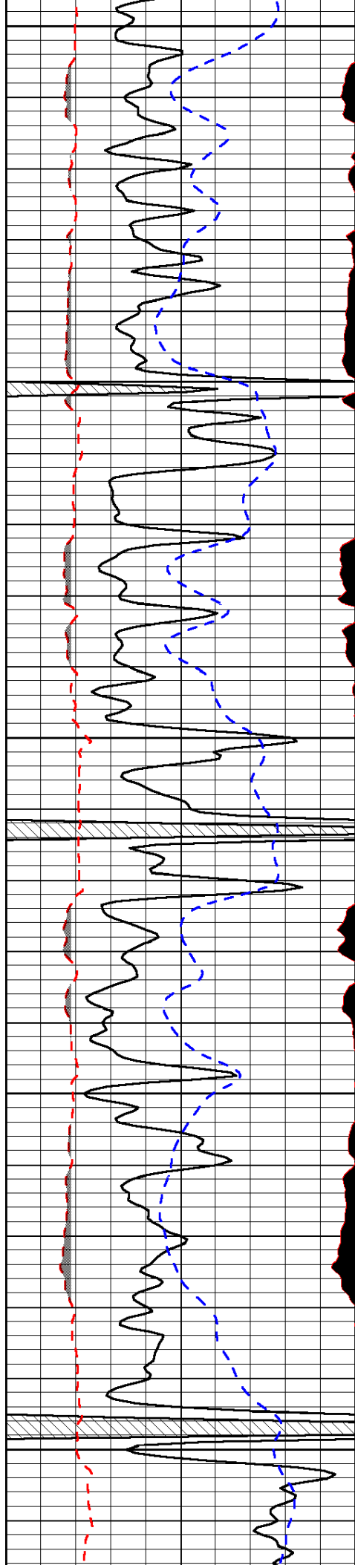
2900

2950

3000

3050





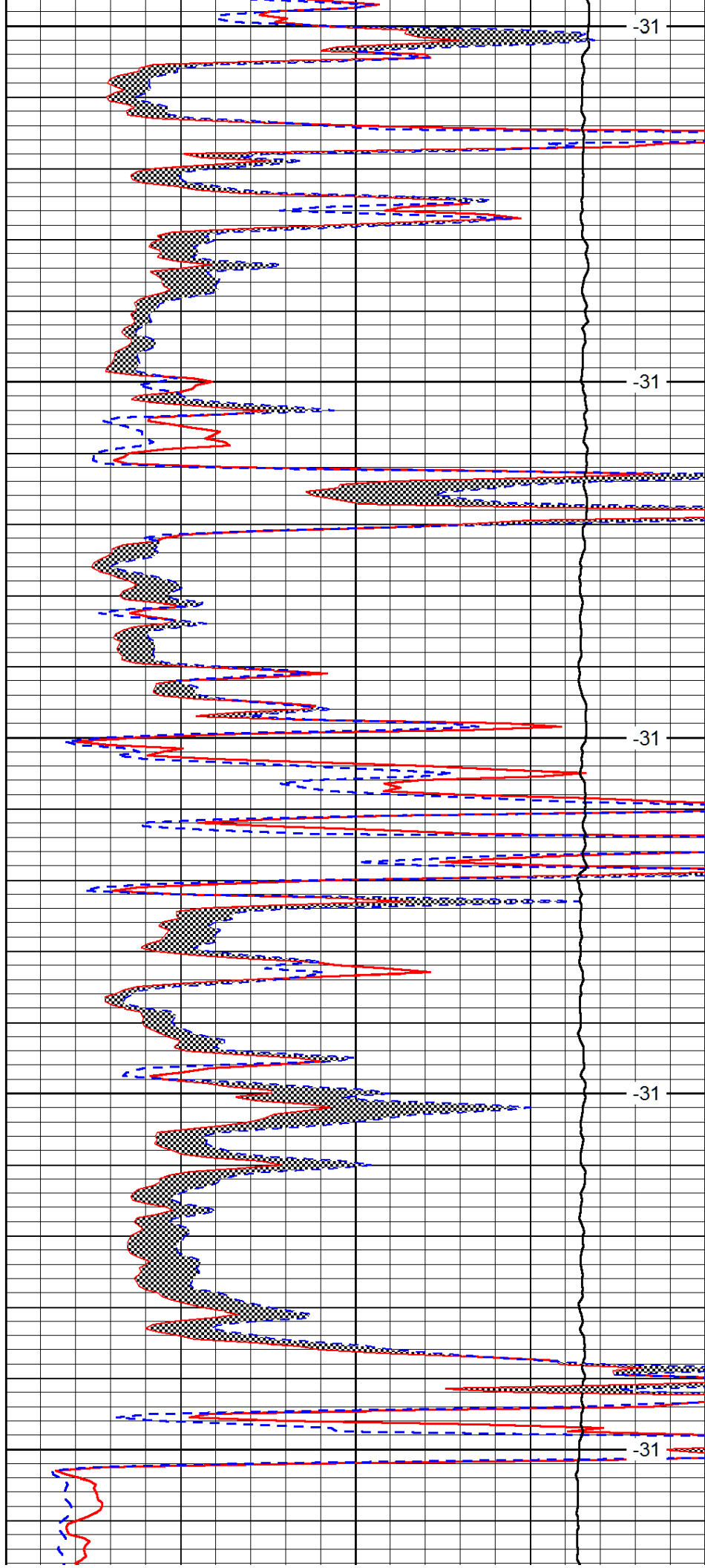
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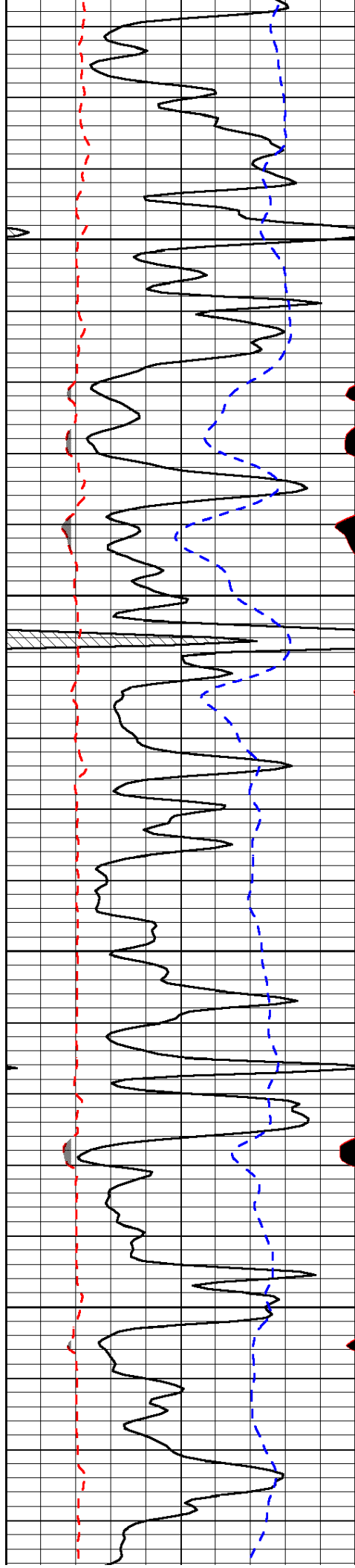
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3200

3250

3300



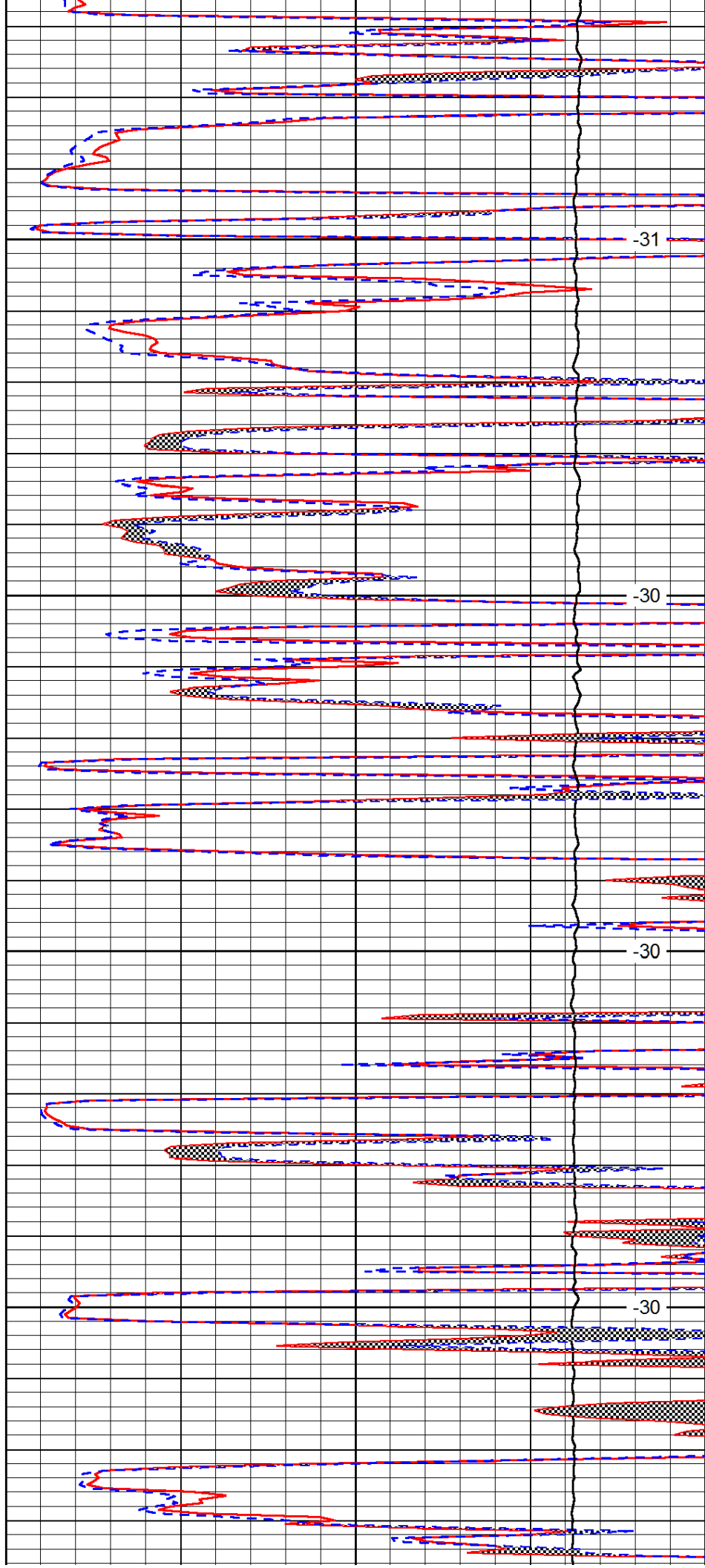


3350

3400

3450

3500

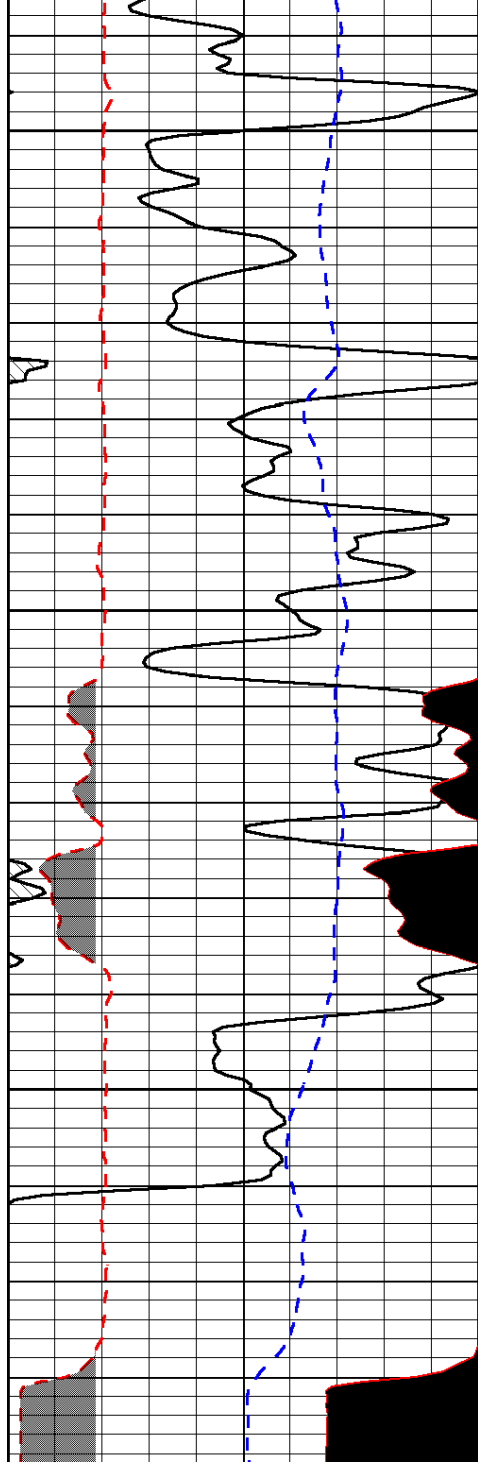


-31

-30

-30

-30

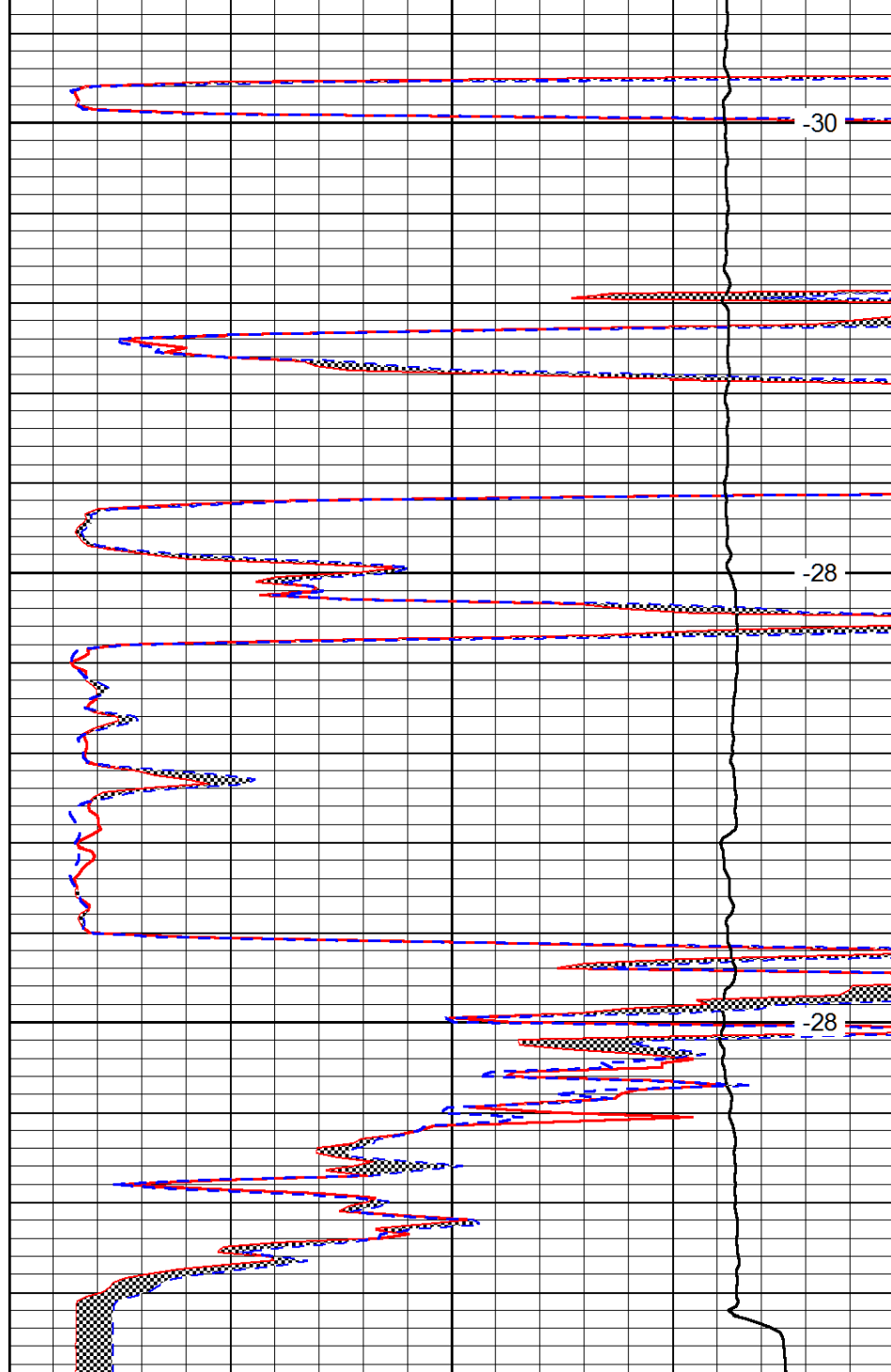


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