

LOG-TECH



Microresistivity Log

DIGITAL LOG

(785) 625-3858

API No. API 15-033-21,550-00-00

Company Murfin Drilling Company, Inc.

Well Shrauner "A" No. 1-33

Field Wildcat

County Comanche State

Kansas

Location

1,200' FSL & 350' FWL

Other Services
CNL/CDL
DIL/BHCS

Sec: 33

Twp: 32S

Rge: 20W

Elevation

Permanent Datum Ground Level

Elevation 1849

Log Measured From Kelly Bushing

11 Ft. Above Perm. Datum

K.B. 1860
D.F. 1849
G.L. 1849

Date

3/25/2009

Run Number

Two

Depth Driller

5300

Depth Logger

5295

Bottom Logged Interval

5294

Top Log Interval

4000

Casing Driller

8.625 @ 620

Casing Logger

7.875

Bit Size

Chemical

Type Fluid in Hole

8500

Salinity, ppm CL

9.2

Density / Viscosity

46

pH / Fluid Loss

9.5

Source of Sample

Flowline

Rm @ Meas. Temp

.5 @ 57

Rmf @ Meas. Temp

.38 @ 57

Rmc @ Meas. Temp

.68 @ 57

Source of Rmf / Rmc

Charts

Rm @ BHT

.22 @ 131

Operating Rig Time

5 Hours

Max Rec. Temp. F

131

Equipment Number

17

Location

Hays

Recorded By

J. Long

M. Garrison

Witnessed By

Jeff Christian

<<< 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

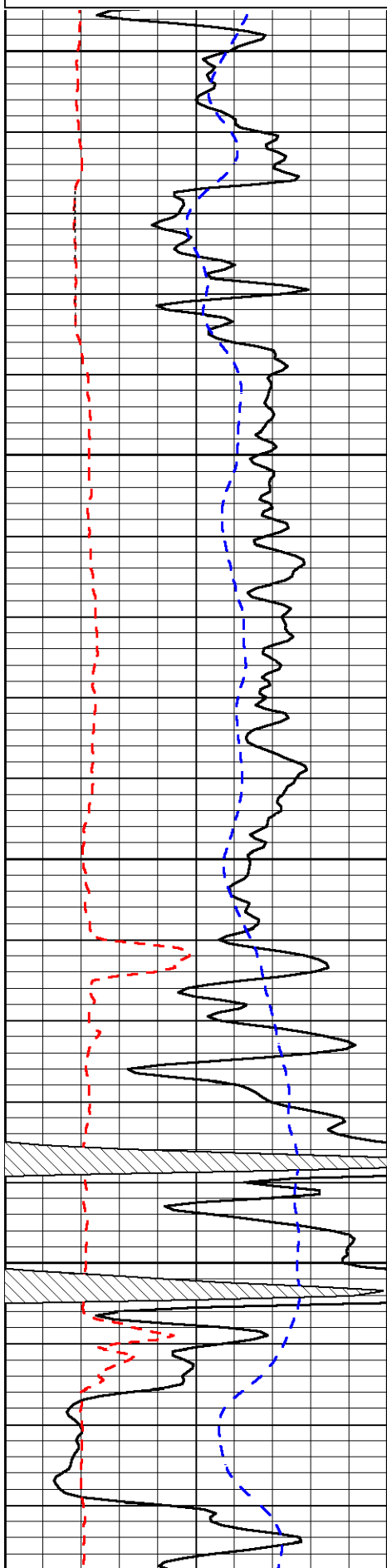
Protection, Walnut St., 1/4 W, 1/4 N, 1/4 W, 1/4 N, 1/2 W, S Into

Database File: c:\warrior\data\murfin_shrauner a no. 1-33\mfn133hd.db
Dataset Pathname: dil\murfstck
Presentation Format: micro
Dataset Creation: Wed Mar 25 22:04:20 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-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)

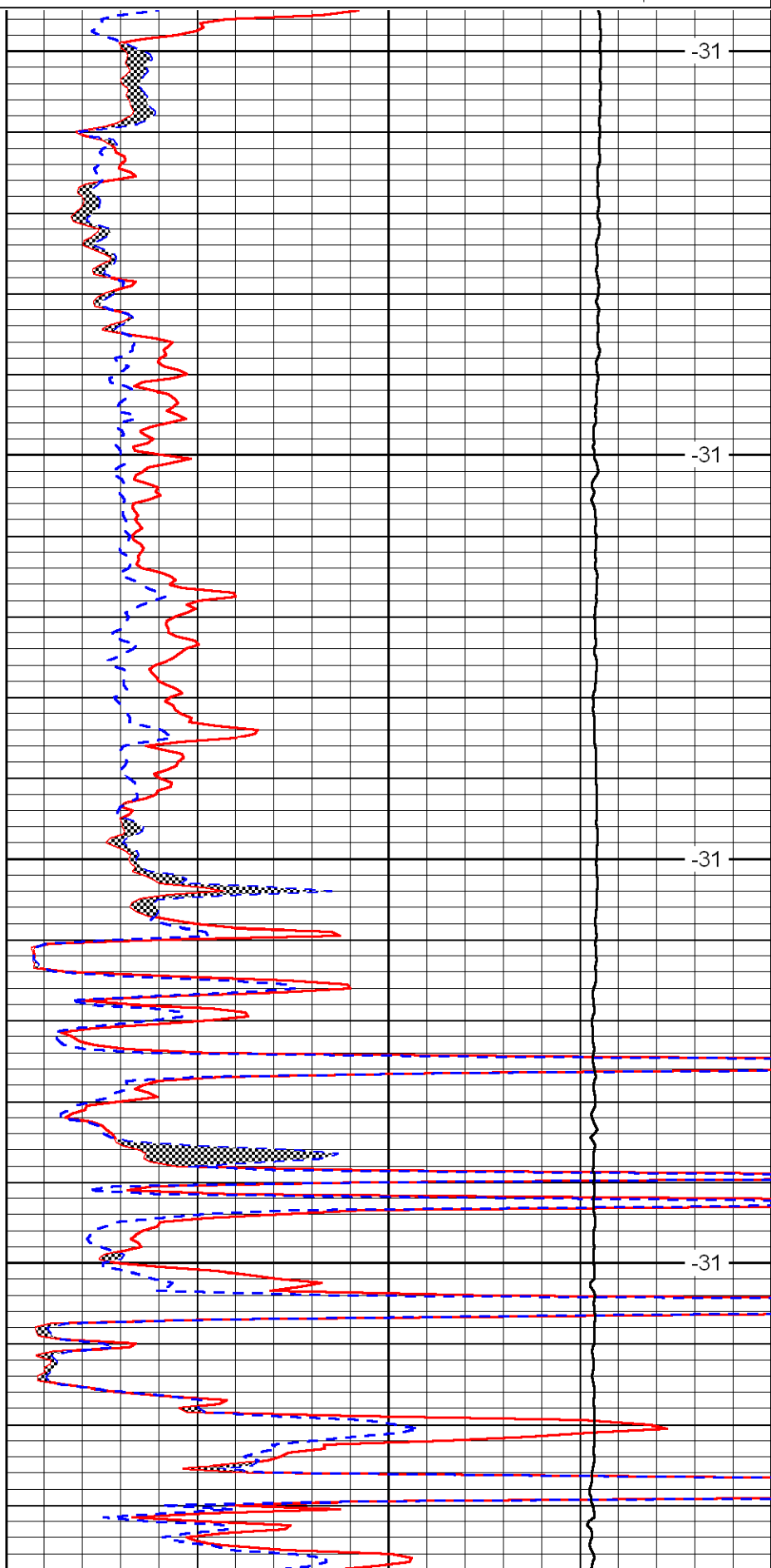


4000

4050

4100

4150

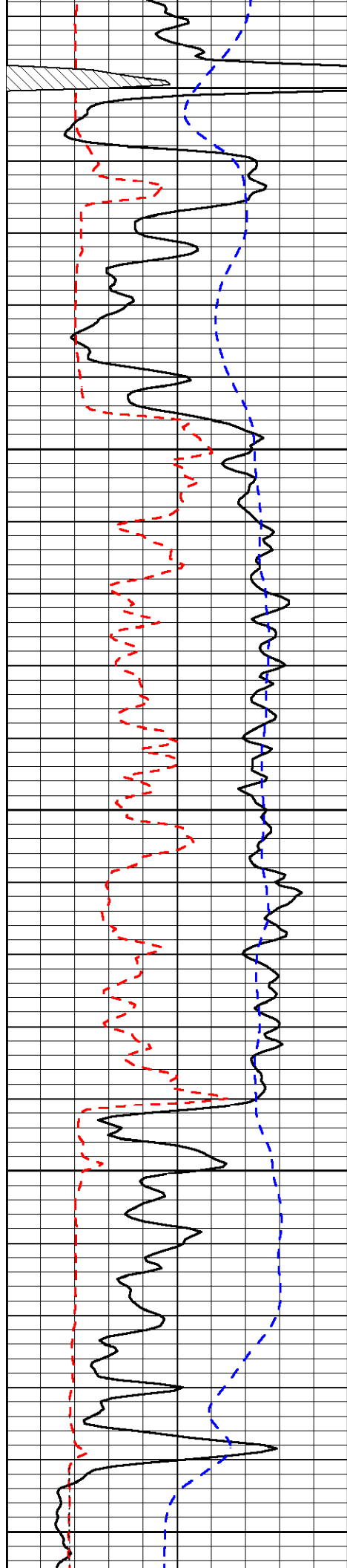


-31

-31

-31

-31



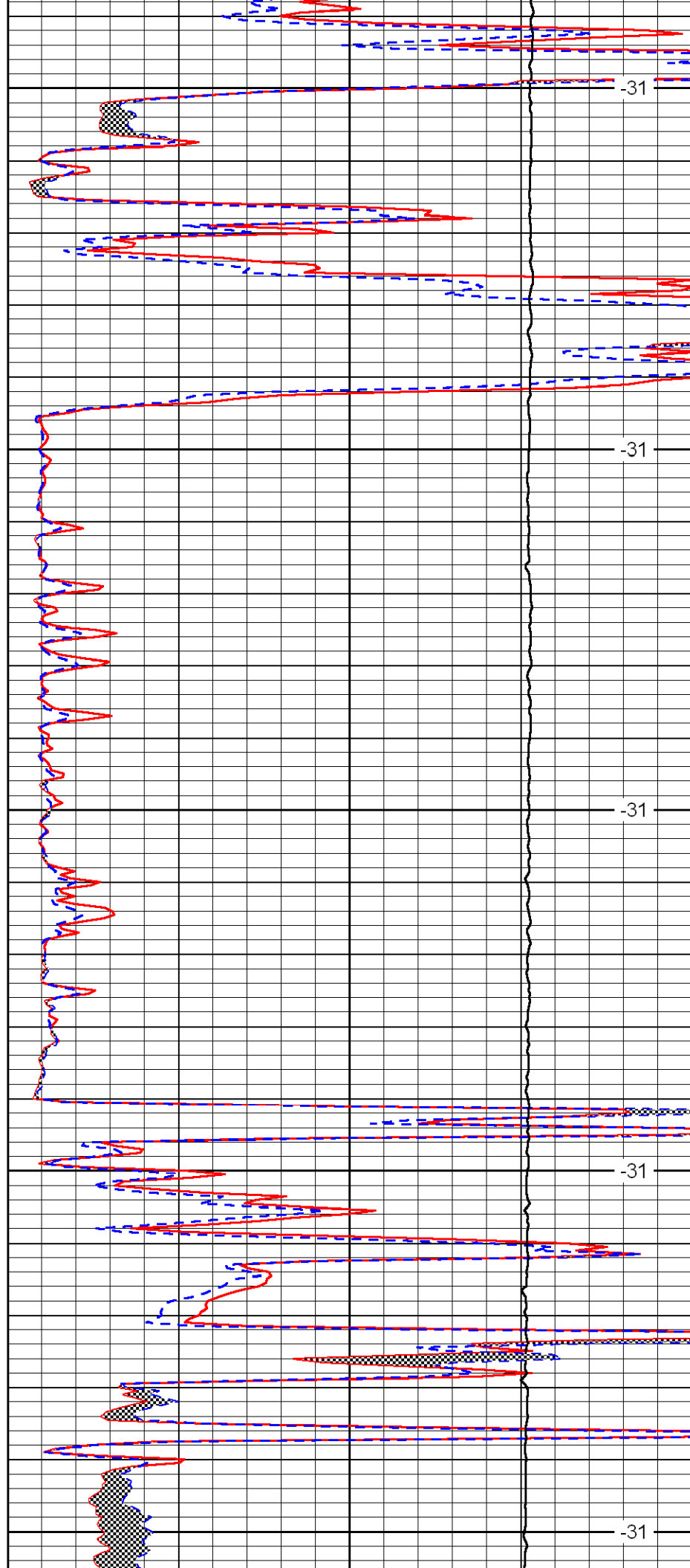
4200

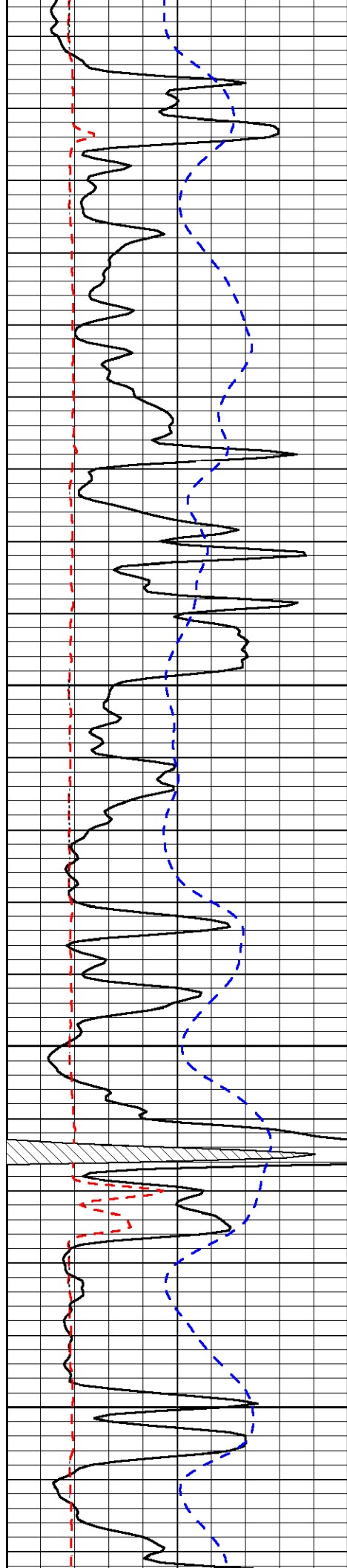
4250

4300

4350

4400



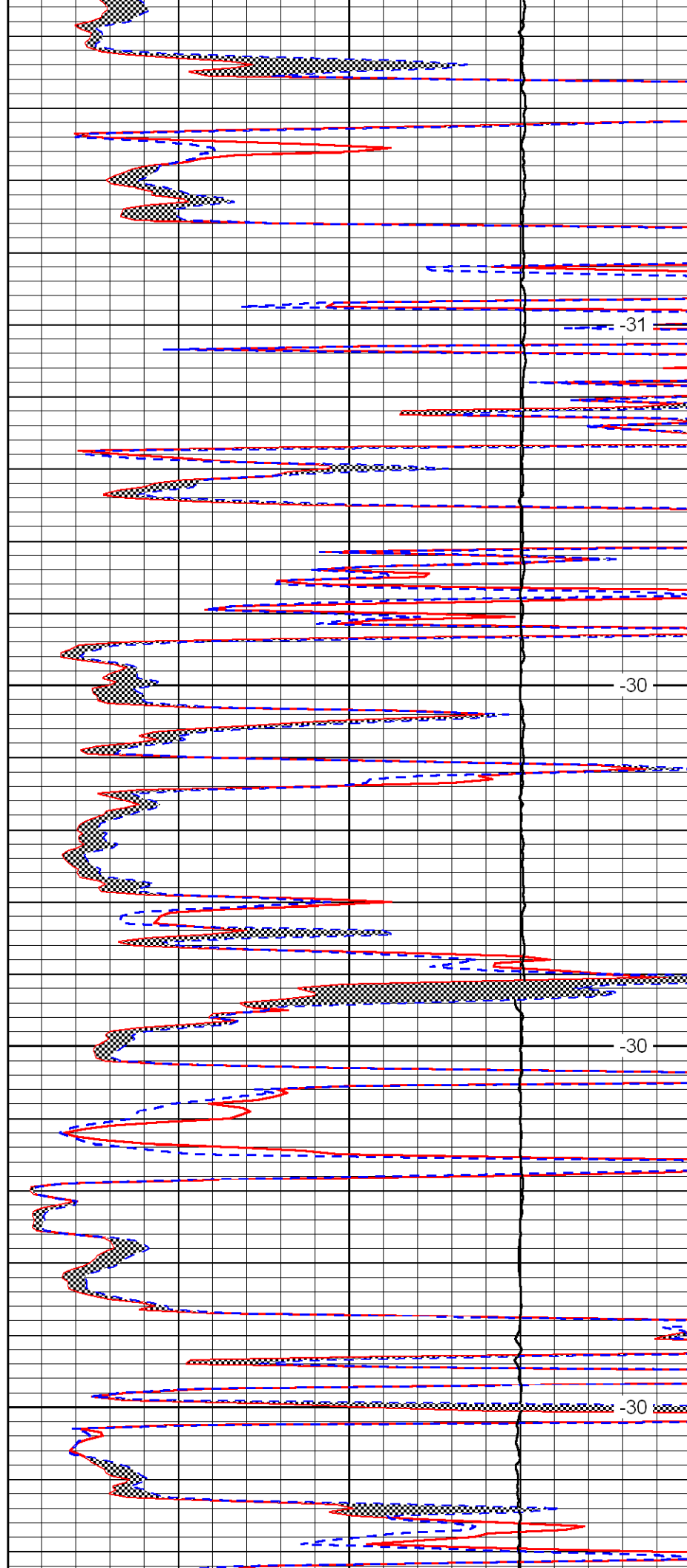


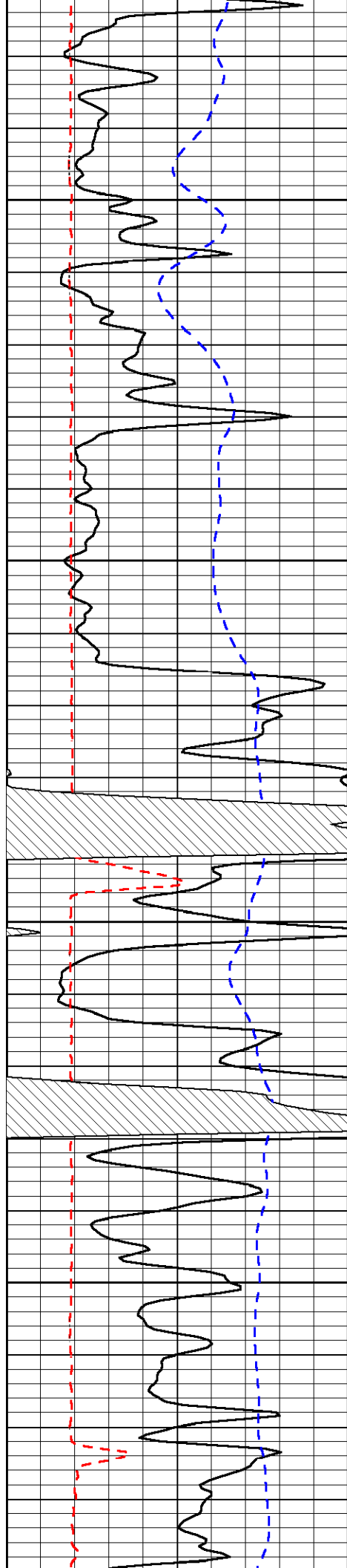
4450

4500

4550

4600



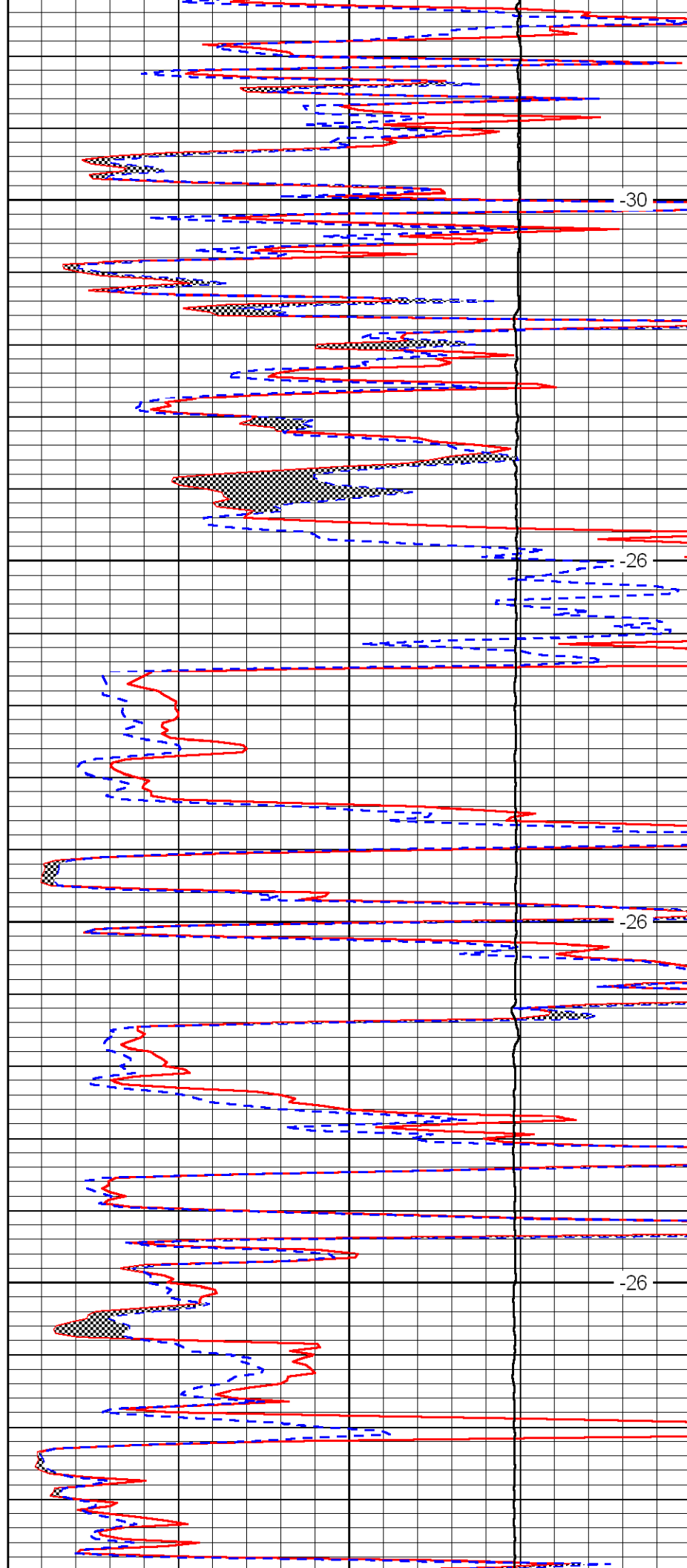


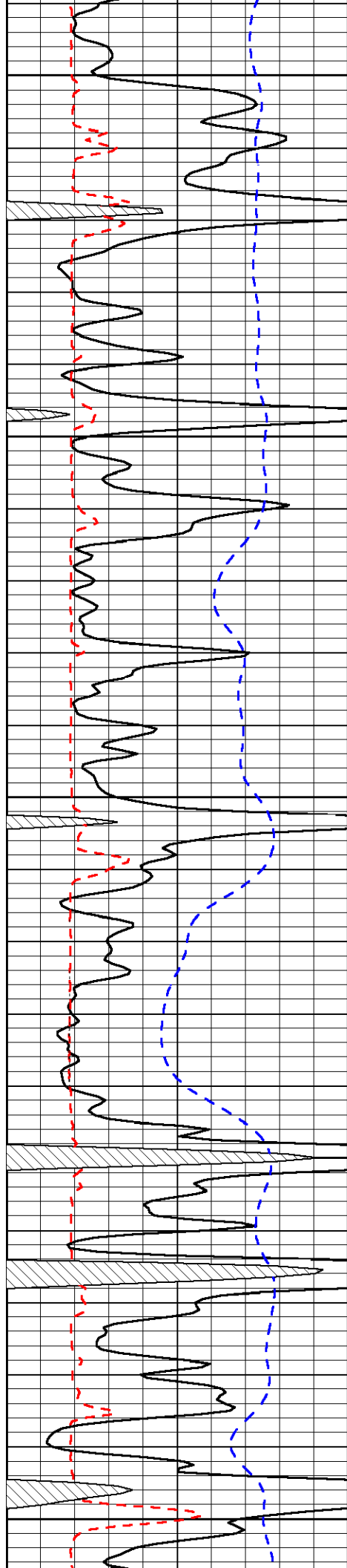
4650

4700

4750

4800





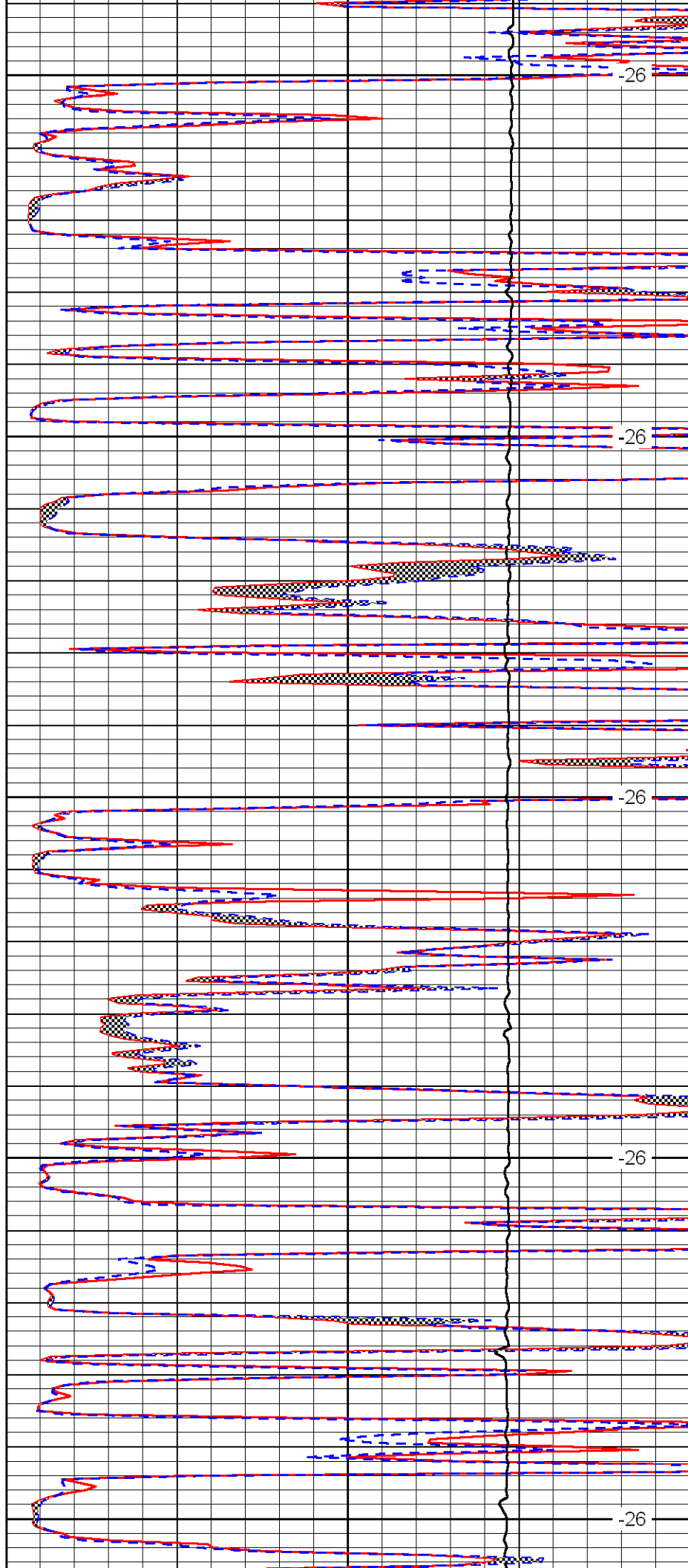
4850

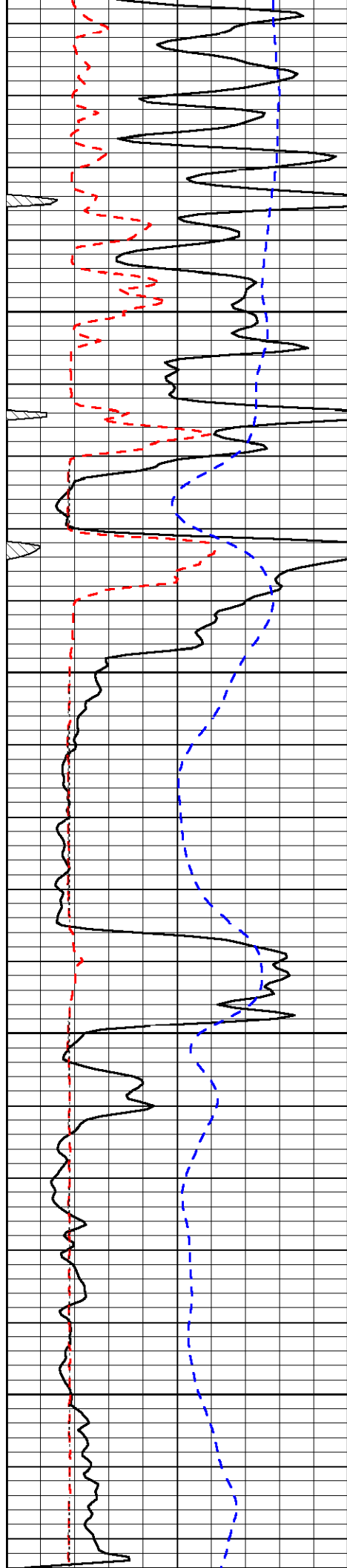
4900

4950

5000

5050



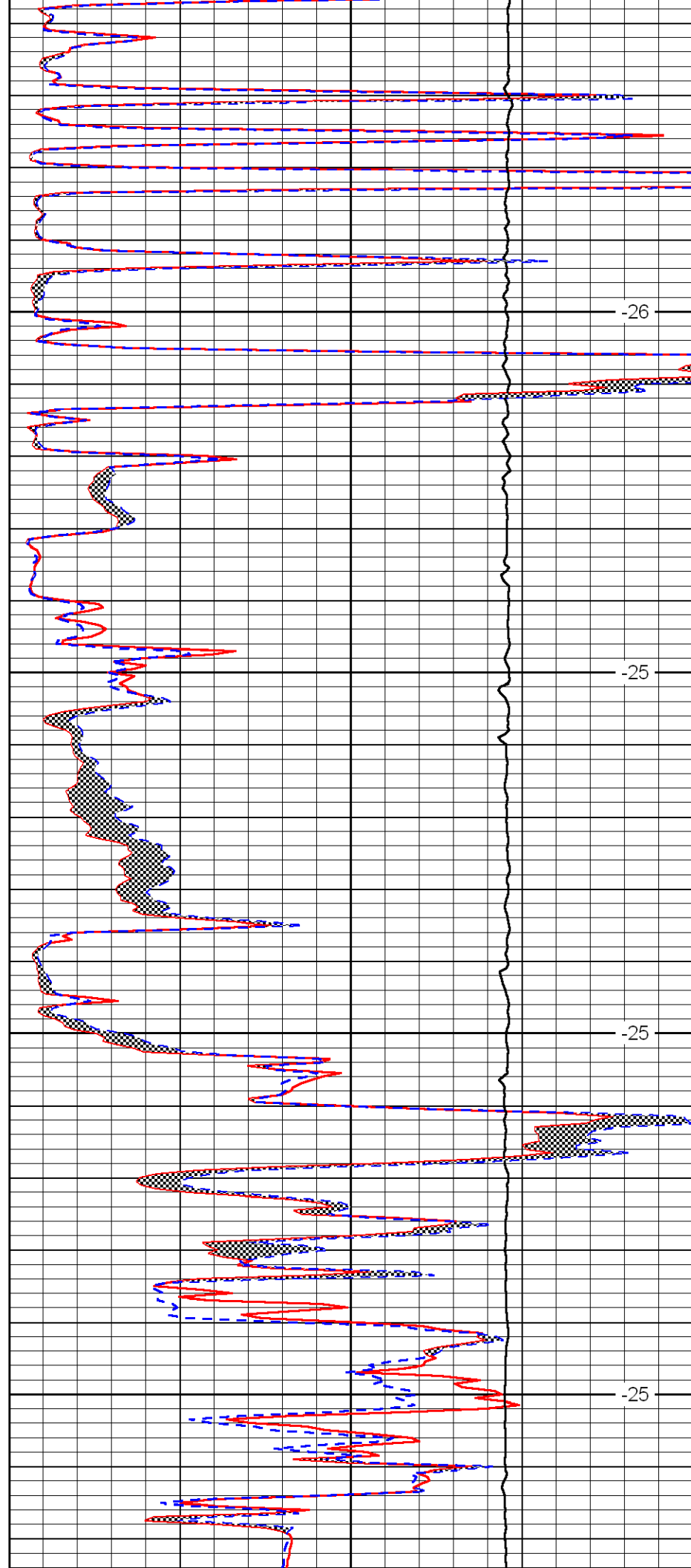


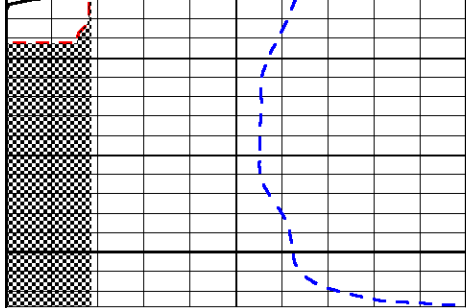
5100

5150

5200

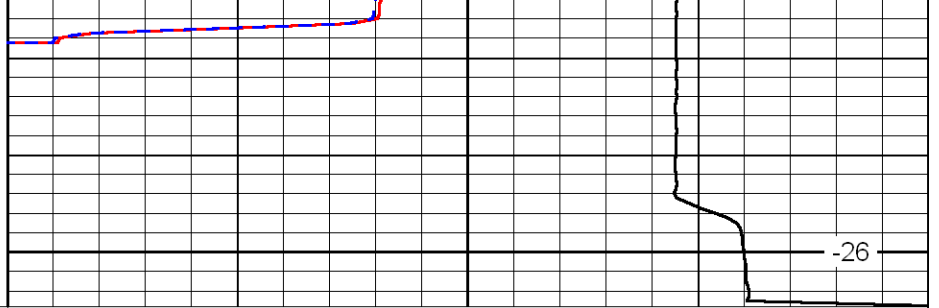
5250





0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

5300



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

LSPD
(ft/min)