



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-109-20,857-00-00

Company Murfin Drilling Company, Inc.

Well Voth #1-1

Field Wildcat

County Logan

State

Kansas

Location

2100' FNL & 2100' FWL

Sec: 1

Twp: 13S

Rge: 33W

Elevation

K.B. 3065
D.F. 3065
G.L. 3065

Elevation 3055
10 Ft. Above Perm. Datum

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Date 9/5/2009

Run Number Two

Depth Driller 4745

Depth Logger 4747

Bottom Logged Interval 4746

Top Log Interval 3700

Casing Driller 8.625 @ 214

Casing Logger 208

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 8.900

Density / Viscosity 8.9 53

pH / Fluid Loss 11.5 6.0

Source of Sample Flowline

Rm @ Meas. Temp .38 @ 84

Rmf @ Meas. Temp .29 @ 84

Rmc @ Meas. Temp .51 @ 84

Source of Rmf / Rmc Charts

Rm @ BHT .26 @ 123

Operating Rig Time 4 Hours

Max Rec. Temp. F 123

Equipment Number 17

Location Hays

Recorded By T. Martin

Witnessed By Tom Funk

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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.

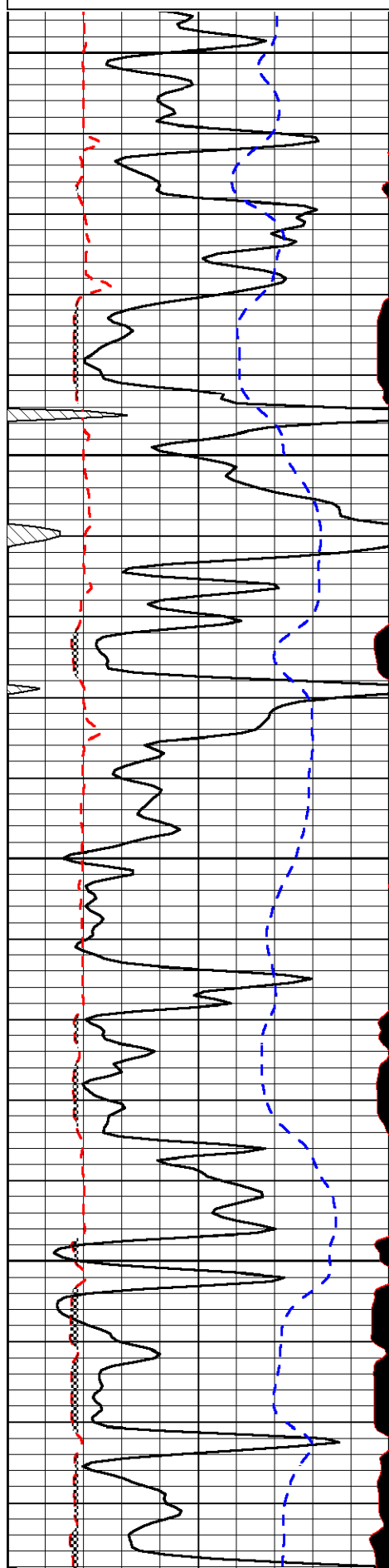
Comments

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

Oakley, 12 S, 4 1/2 W, S into

Database File: murfhd.db
Dataset Pathname: dil/murfstk
Presentation Format: micro
Dataset Creation: Sat Sep 05 22:48:07 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
2.875	mcal (GAPI)	7.875
-200	SP	0



3700

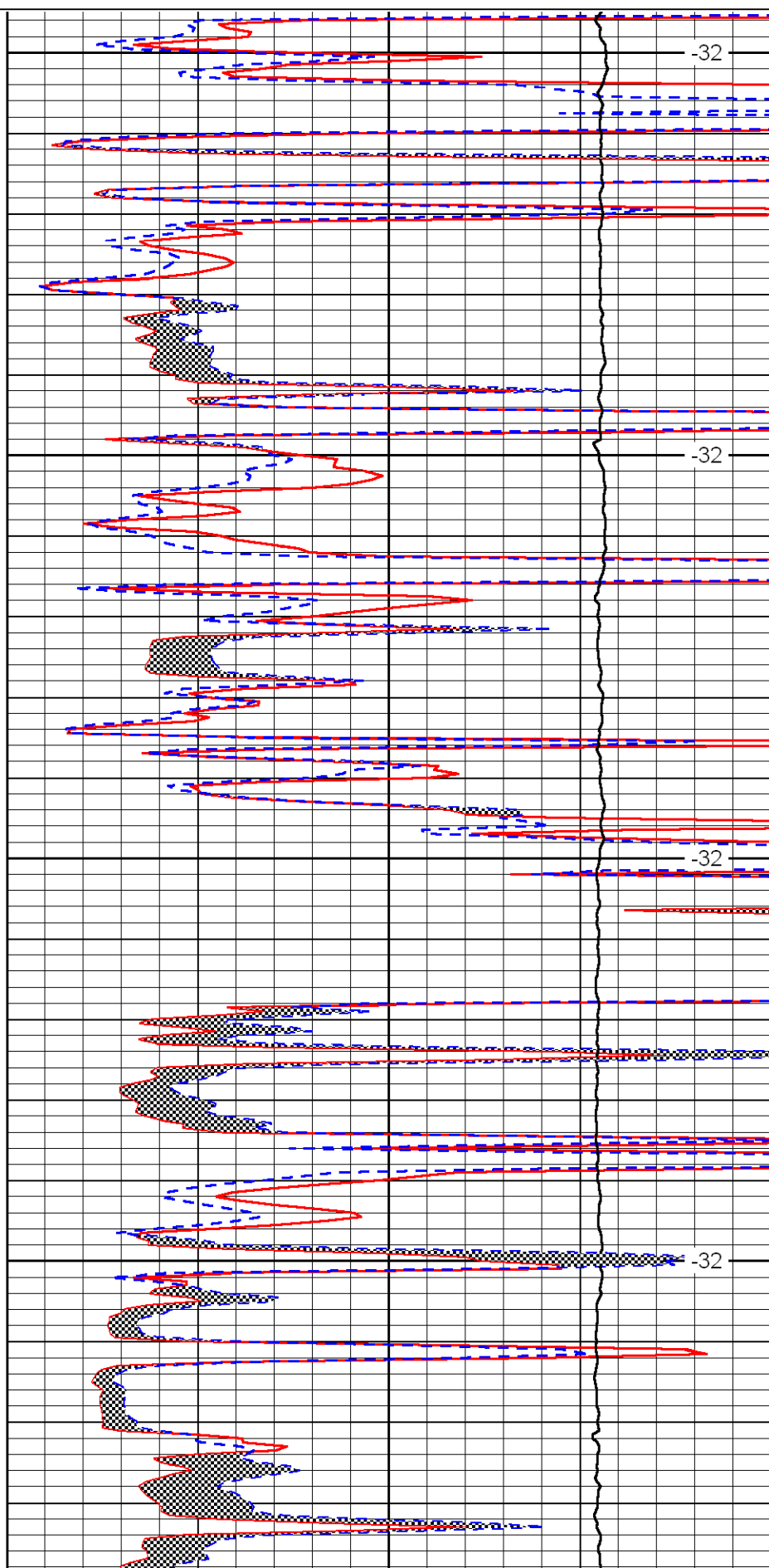
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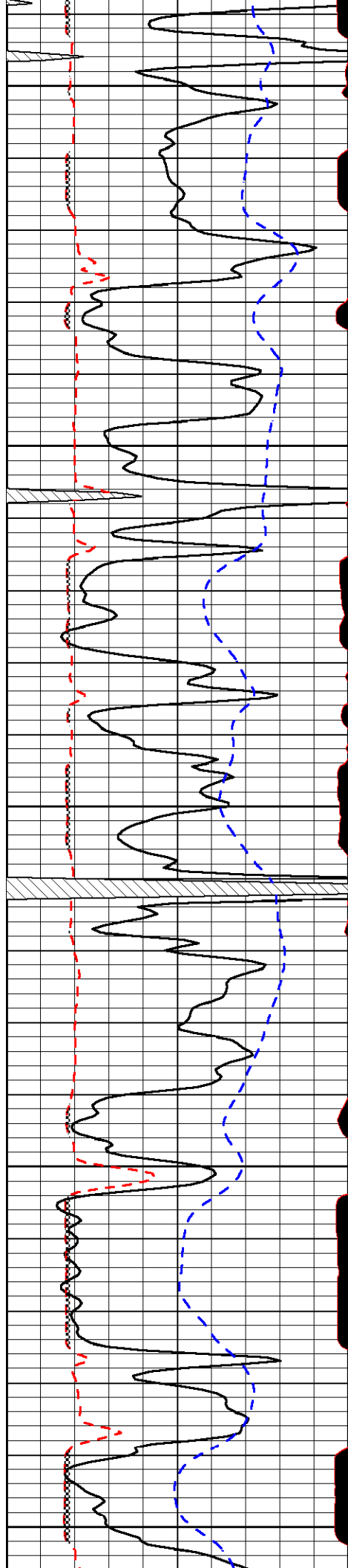
3800

3850

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

LSPD





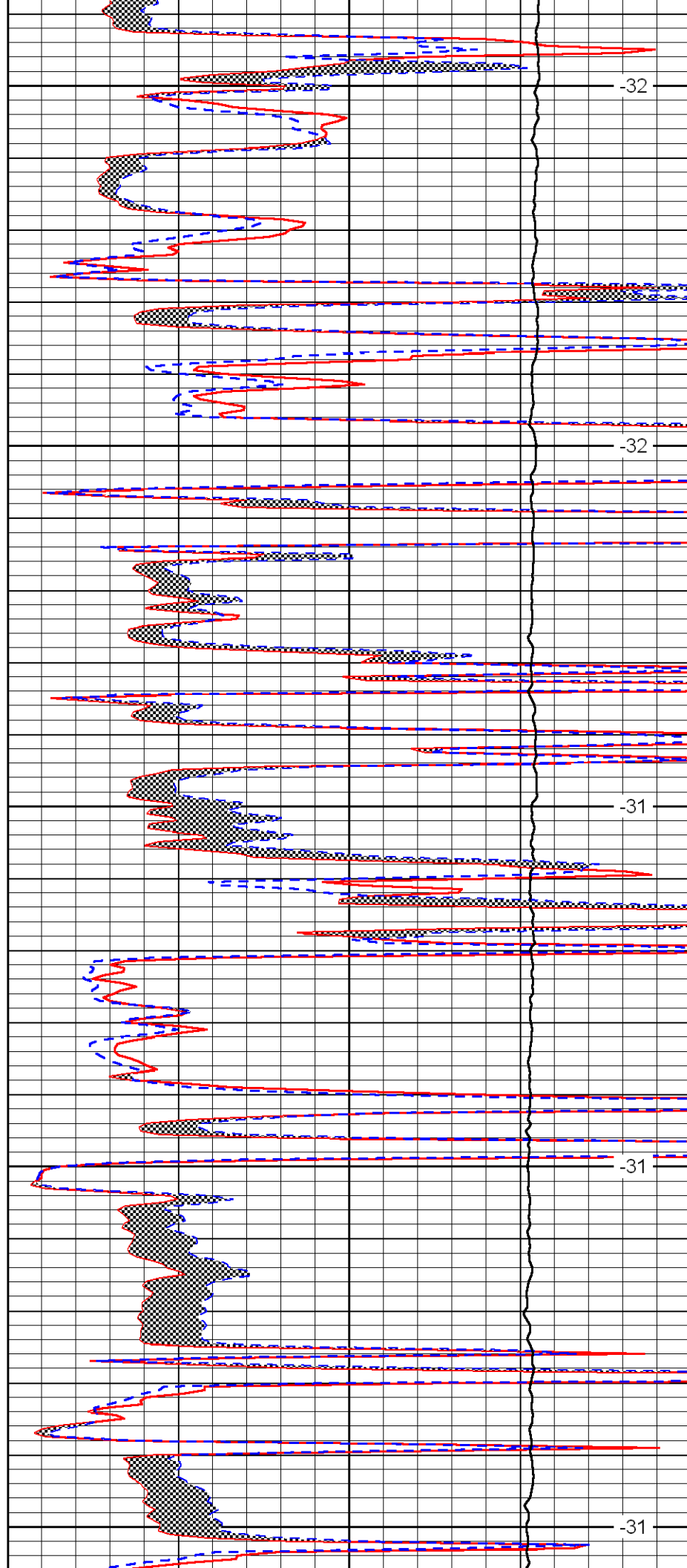
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3950

4000

4050

4100



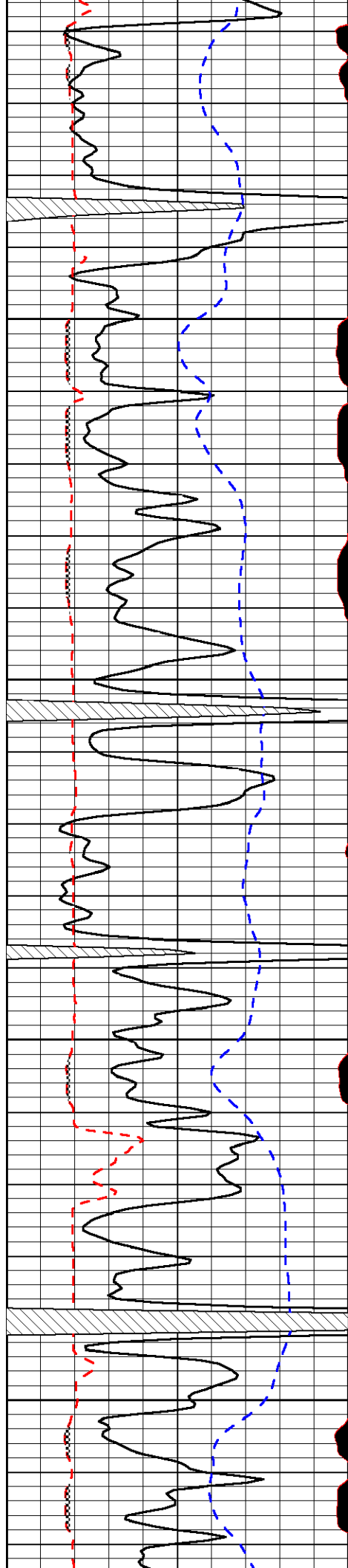
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-32

-31

-31

-31

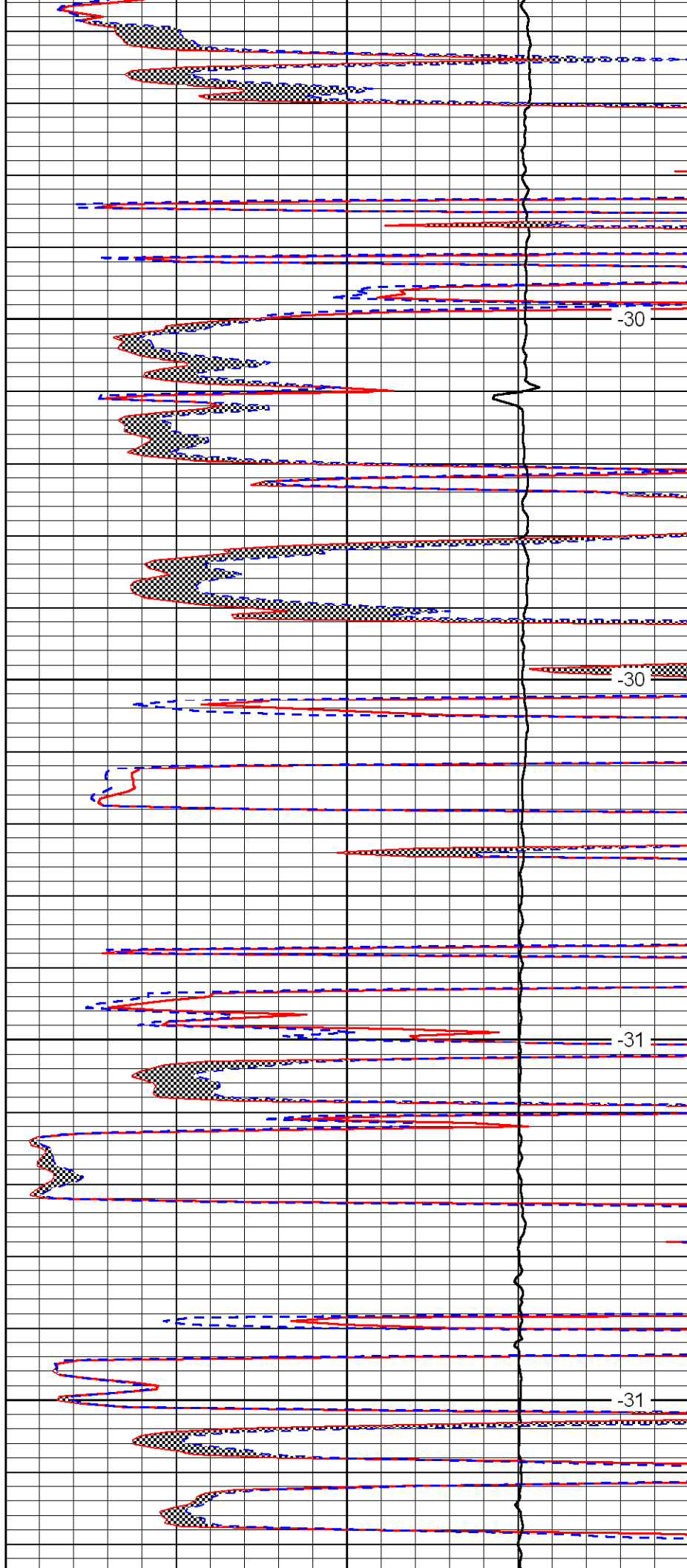


4150

4200

4250

4300

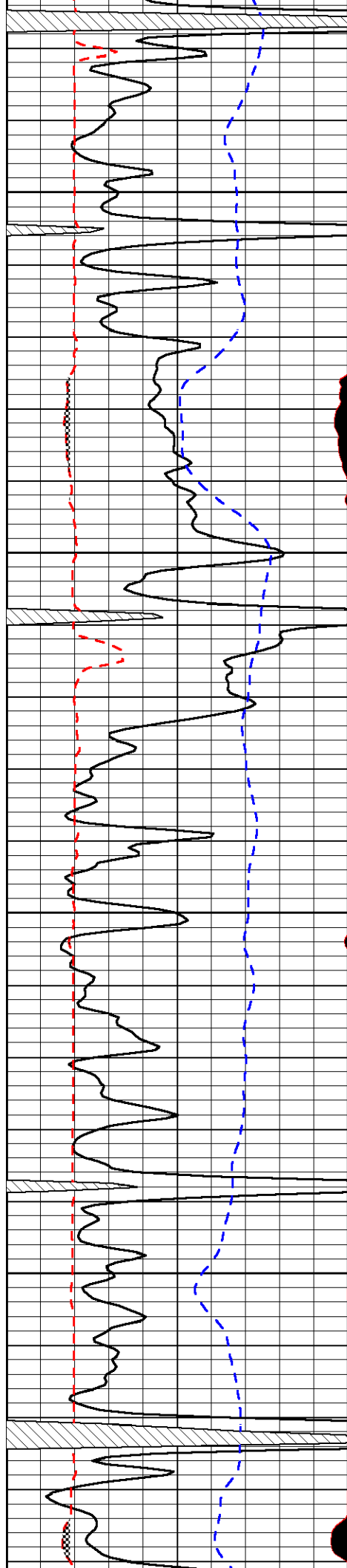


-30

-30

-31

-31

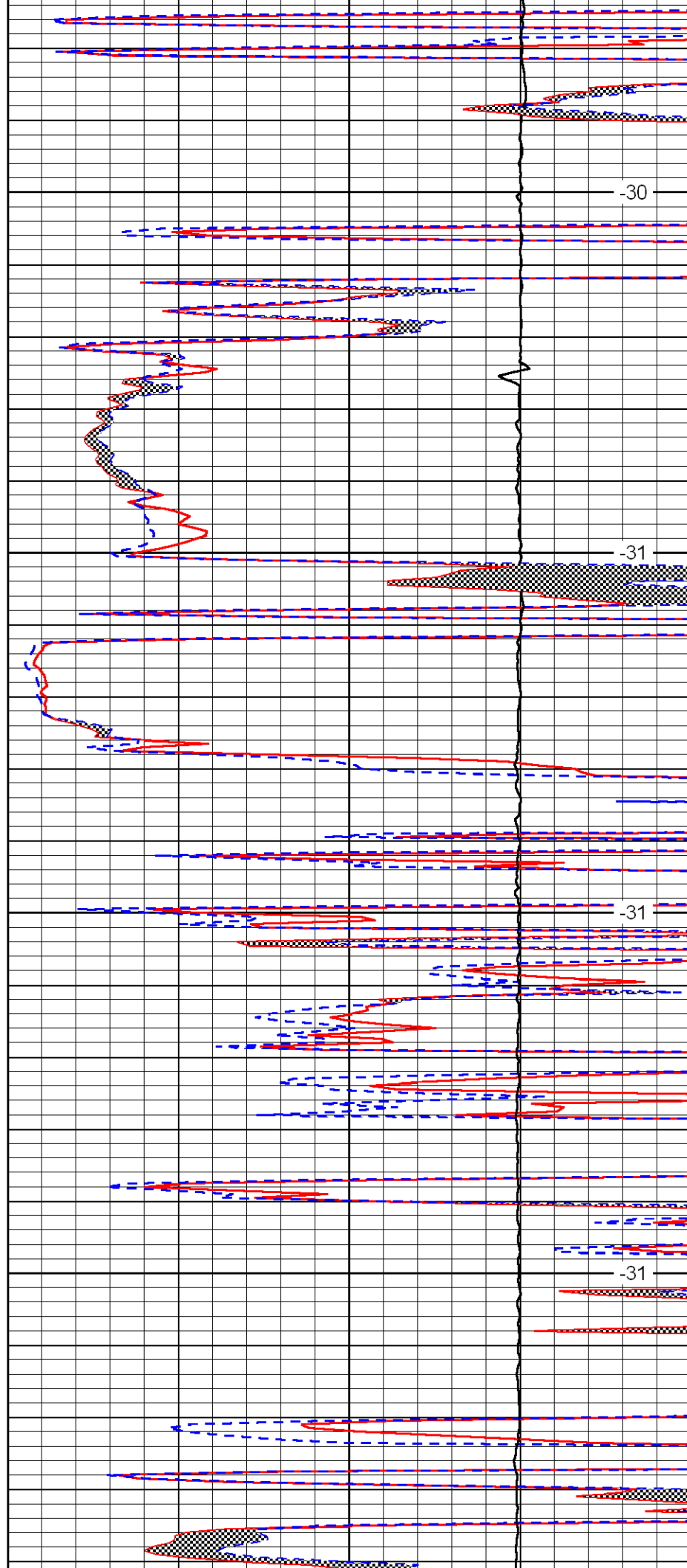


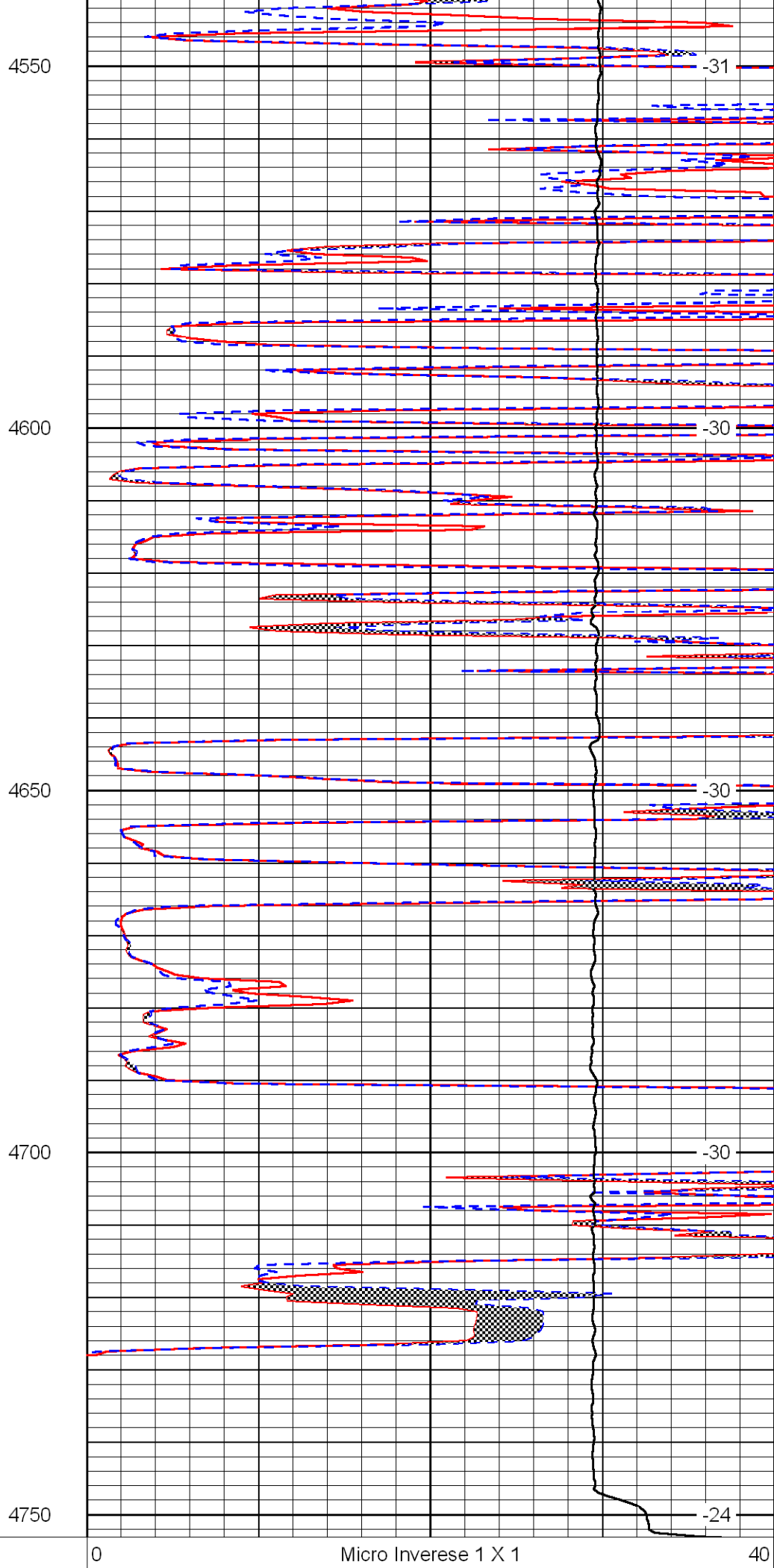
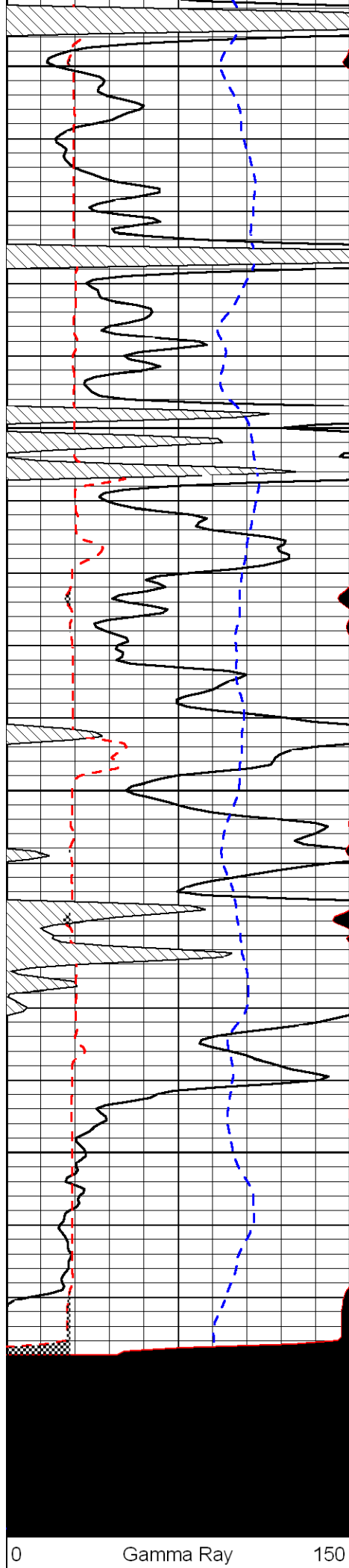
4350

4400

4450

4500





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