



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-023-21,206

Company Murfin Drilling Company, Inc.

Well Ellen #2-29

Field Raile

County Cheyenne State

Kansas

Location

SE SW SW
330' FSL & 990' FWL

Sec: 29 Twp: 2S

Rge: 41W

Other Services
CNL / CDL
DIL / BHCS

Permanent Datum Ground Level Elevation 3695
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3700
D.F. 3698
G.L. 3695

Date 1/11/2009

Run Number Two

Depth Driller 5150

Depth Logger 5154

Bottom Logged Interval 5153

Top Log Interval 4100

Casing Driller 8.625 @ 369

Casing Logger 368

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 700

Density / Viscosity 9.2 58

pH / Fluid Loss 11.5 6.0

Source of Sample Flowline

Rm @ Meas. Temp 1.0 @ 50

Rmf @ Meas. Temp .75 @ 50

Rmc @ Meas. Temp 1.35 @ 50

Source of Rmf / Rmc Charts

Rm @ BHT .39 @ 127

Operating Rig Time 4 1/2 Hours

Max Rec. Temp. F 127

Equipment Number 15

Location Hays

Recorded By T. Martin

Witnessed By Brad Rine

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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.

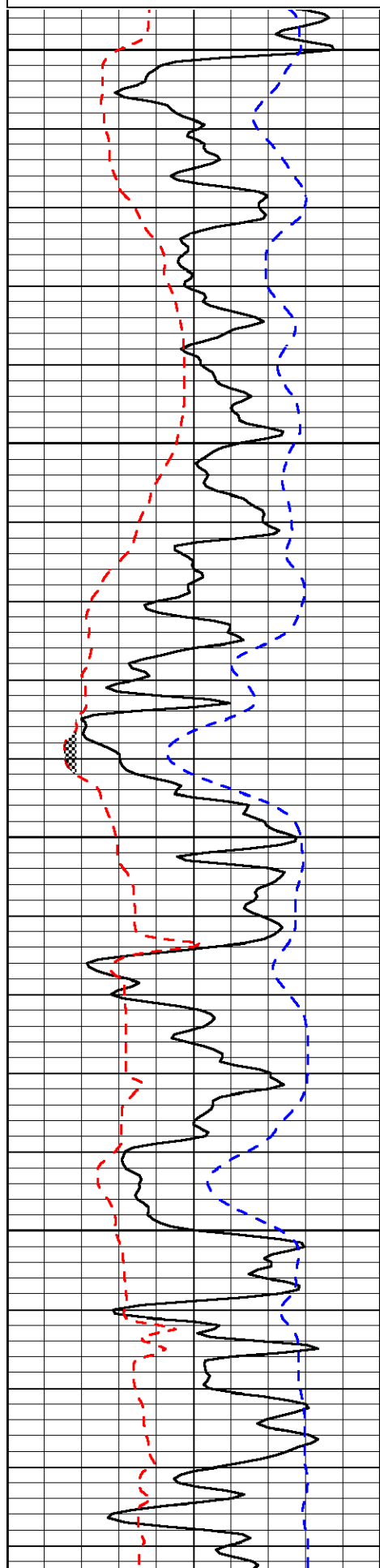
Comments

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

St. Francis, N on Hwy 27 to curve, W to curve, 1/8 W, 1/2 S to Rd T, 2 W, N into

Database File: c:\warrior\data\murfin_ellen no.2-29\mfndb.db
Dataset Pathname: dil\mfndb
Presentation Format: micro
Dataset Creation: Sun Jan 11 09:30:20 2009
Charted by: Depth in Feet scaled 1:240

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



4100

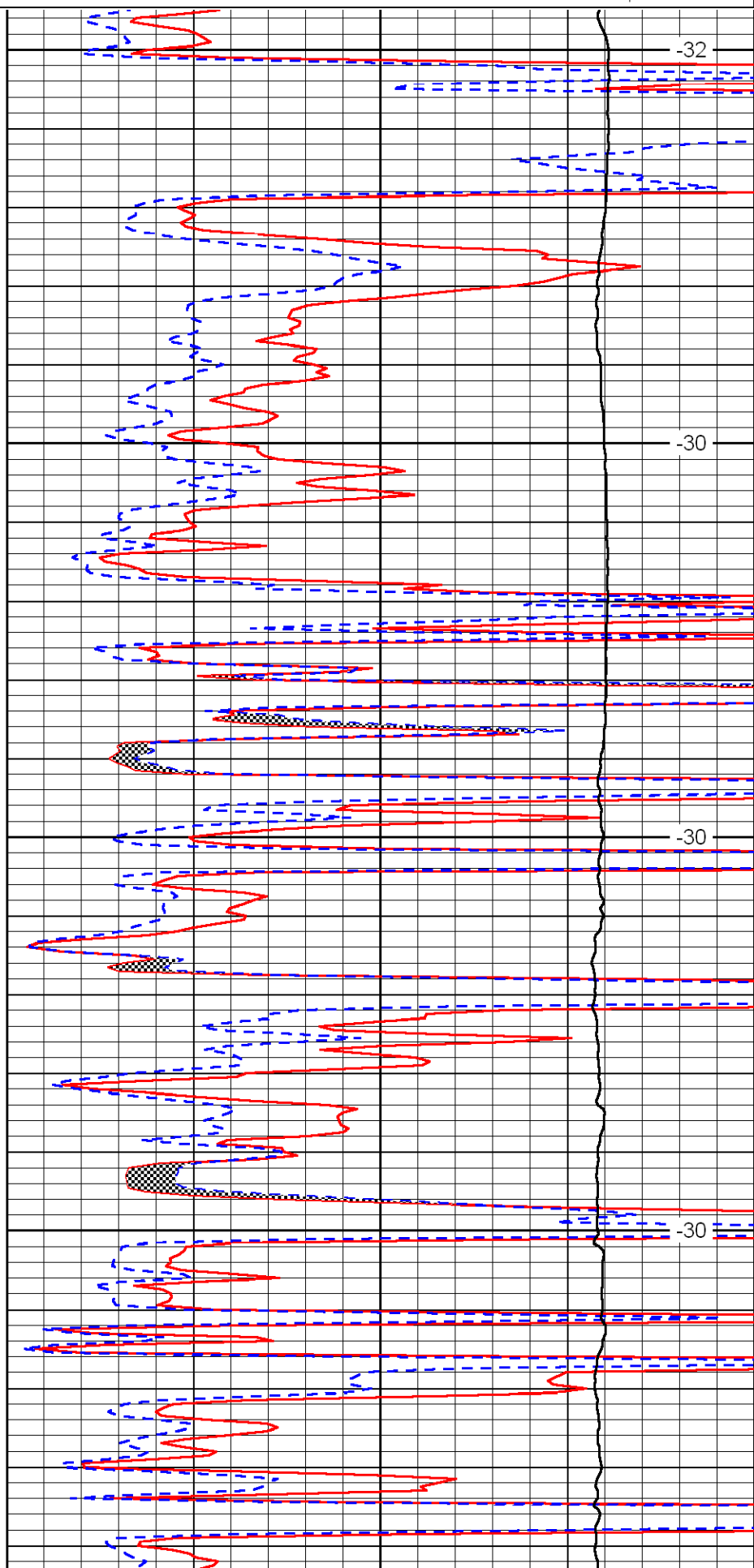
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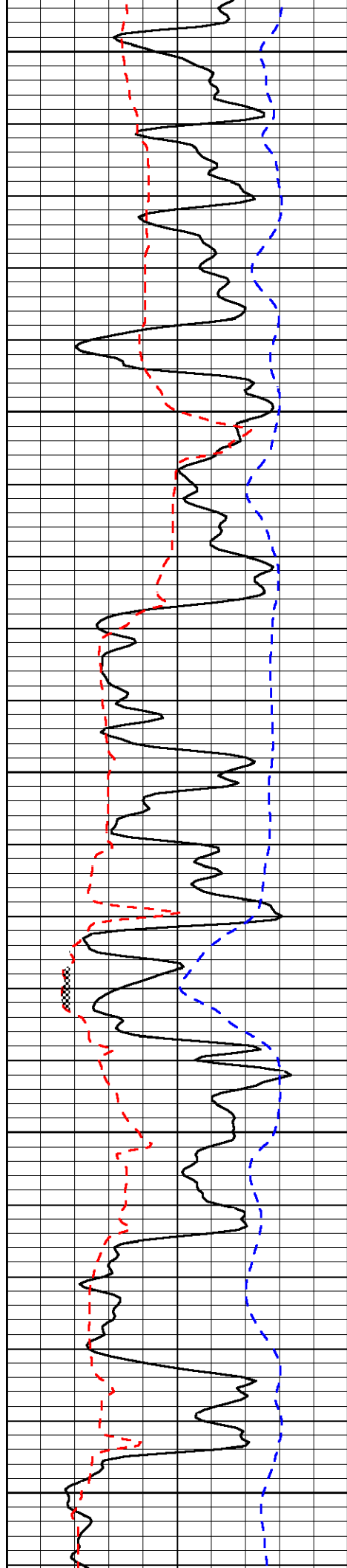
4200

4250

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

LSPD





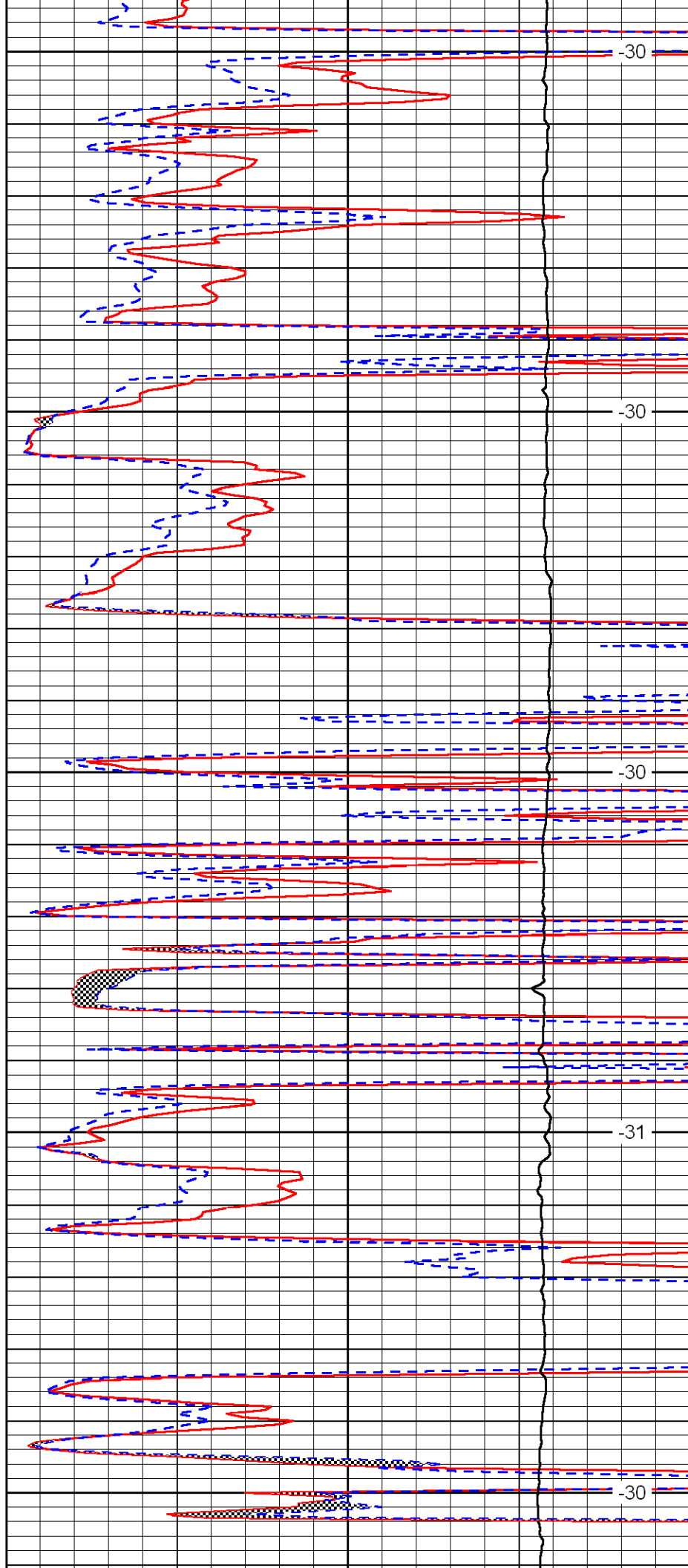
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4350

4400

4450

4500



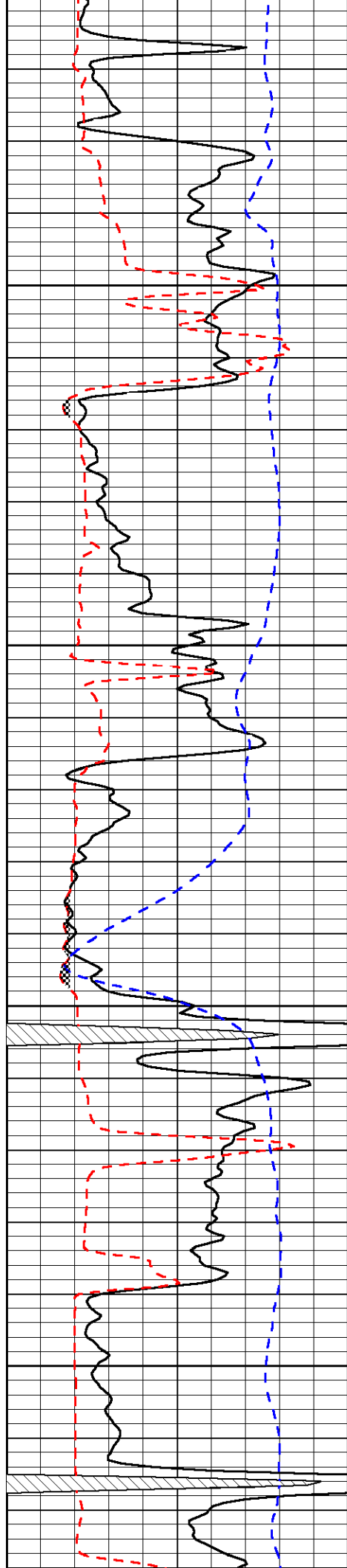
-30

-30

-30

-31

-30

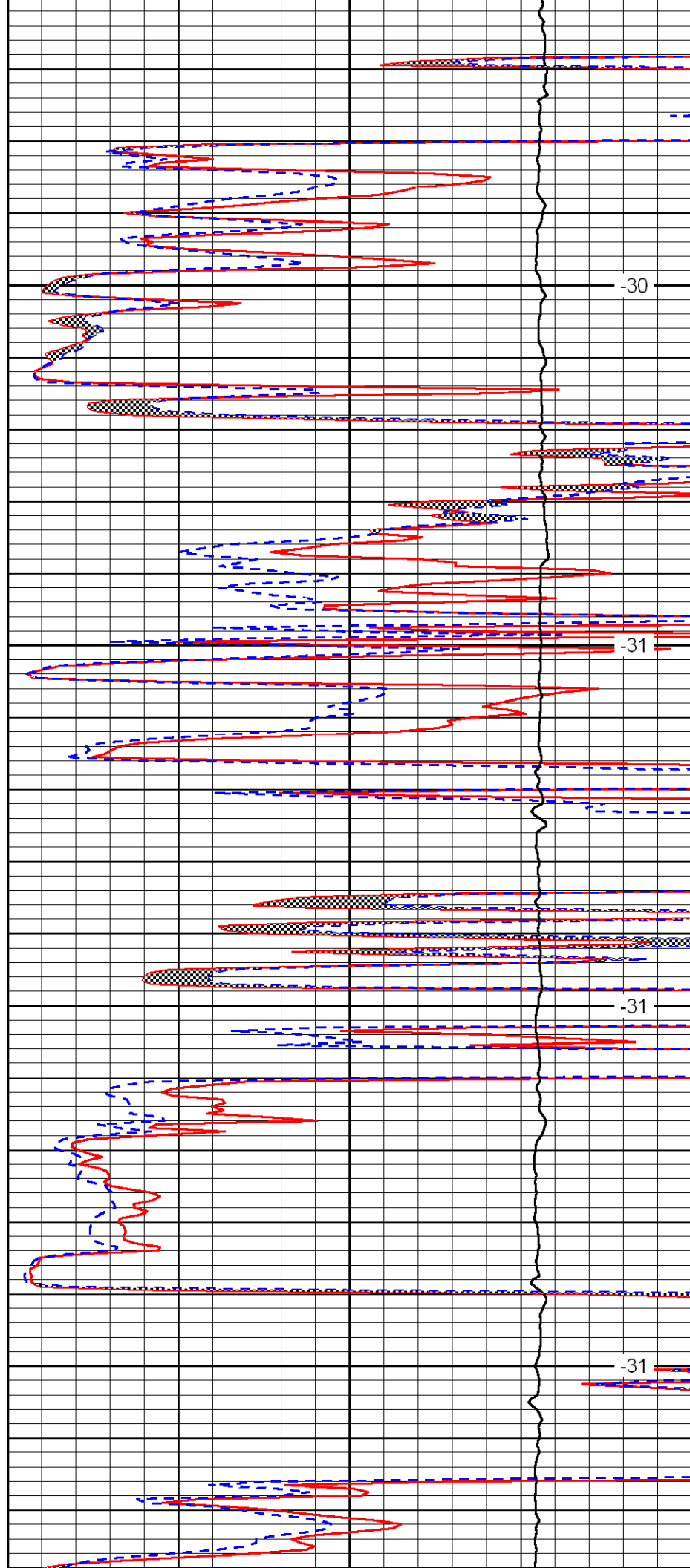


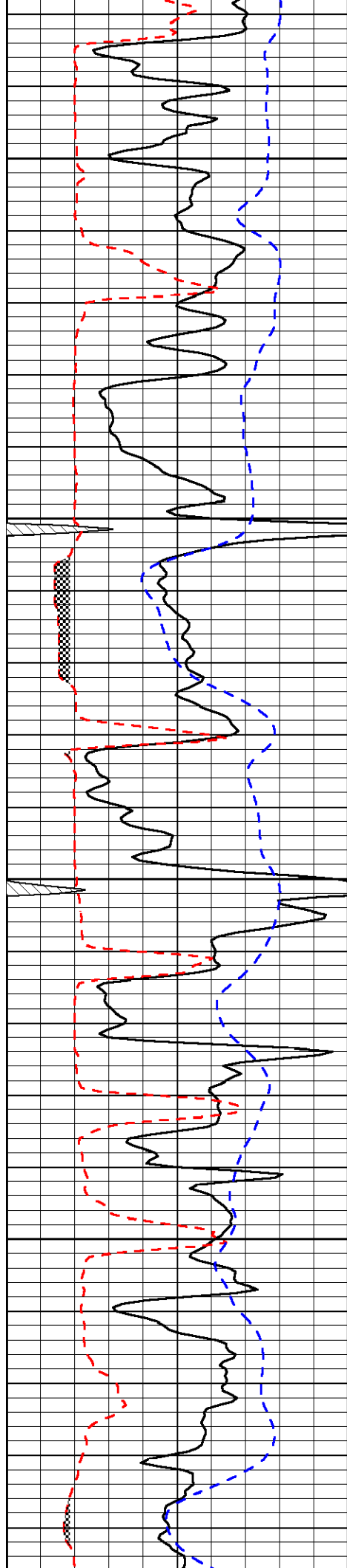
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4600

4650

4700



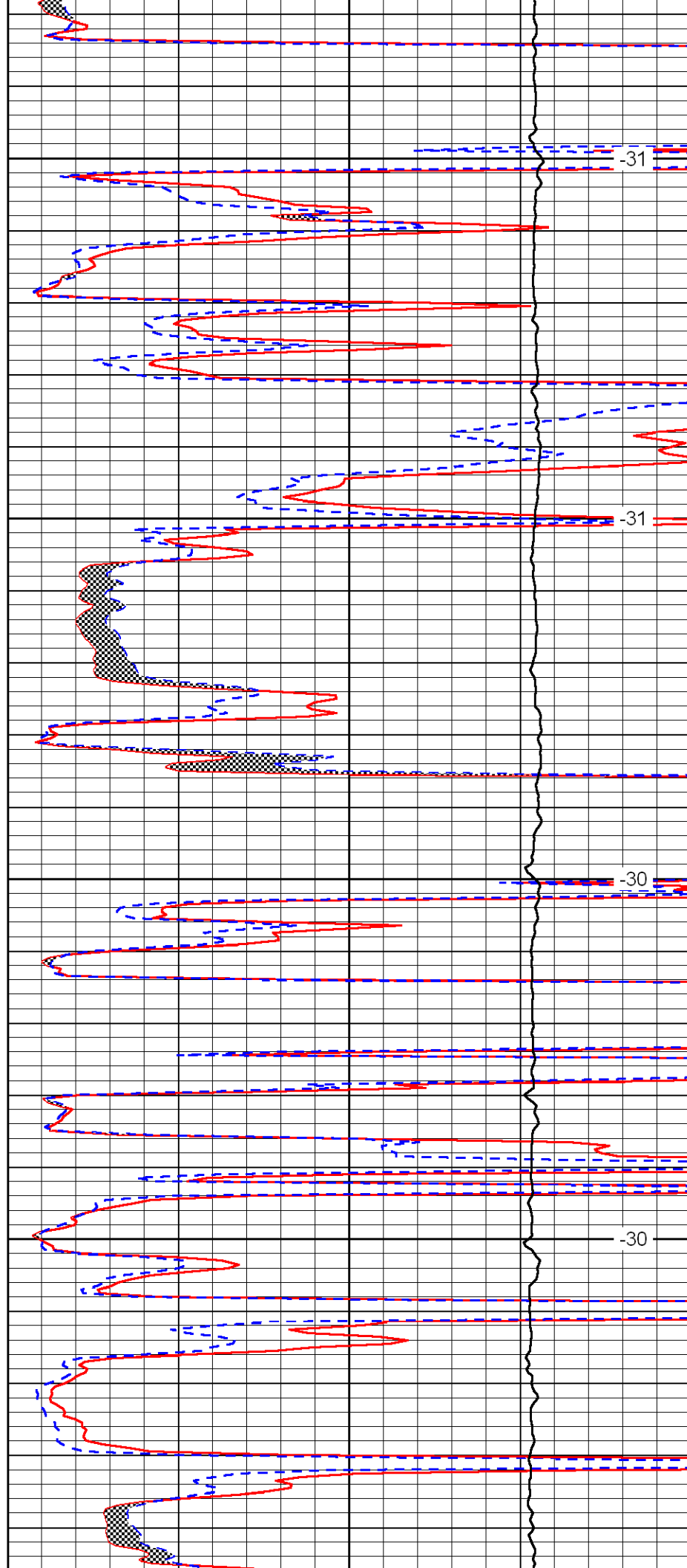


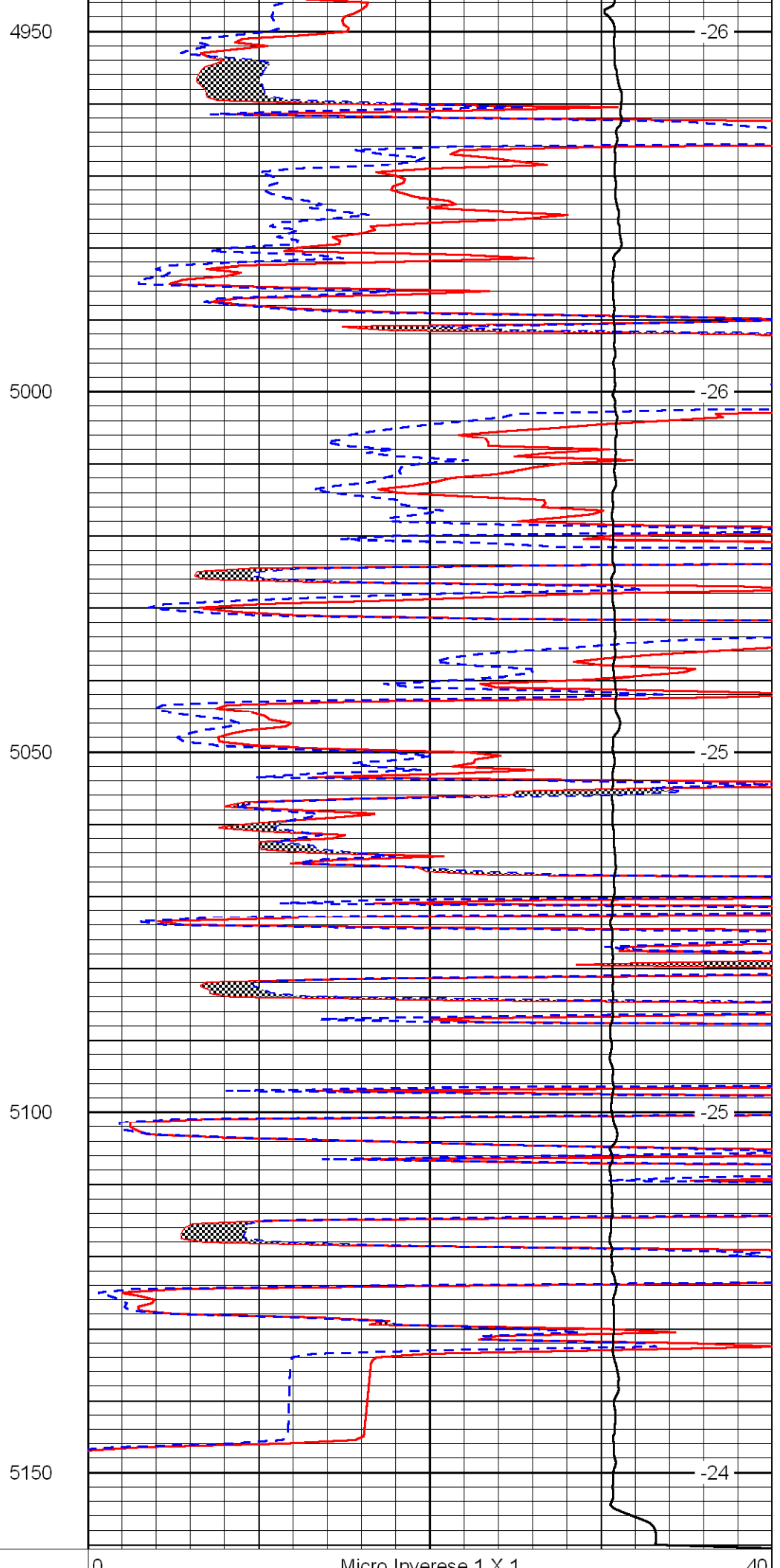
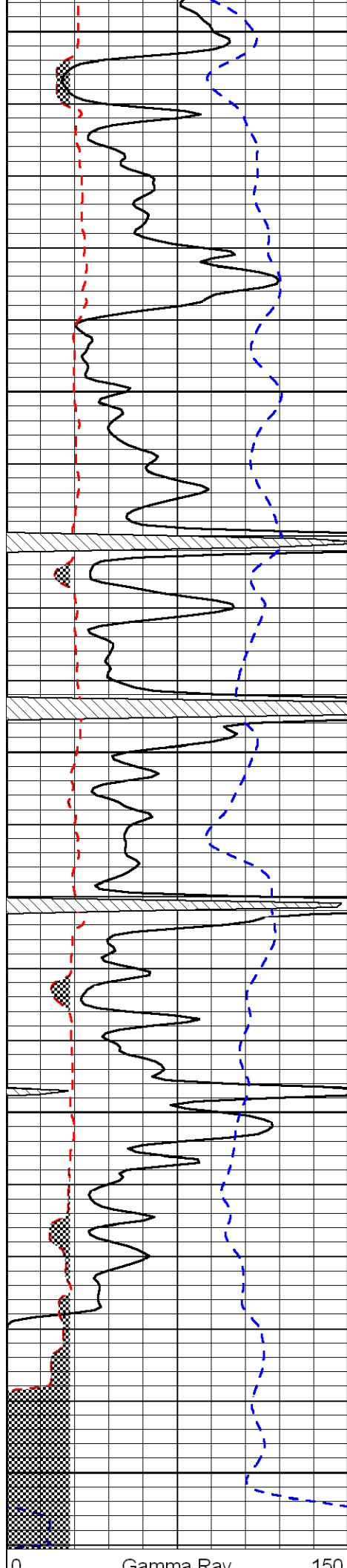
4750

4800

4850

4900





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