

LOG-TECH

Radiation Guard
Log

DIGITAL LOG

(785) 625-3858

API No.

15-135-24,851-00-00

Company Pickrell Drilling Company, Inc.

Well Norton "J" No. 4

Field Lazy 17

County Ness State Kansas

Location

1400' FNL & 2300' FEL

Other Services
BHCS

Sec: 19 Twp: 17S Rge: 25W

Elevation

Permanent Datum Ground Level Elevation 2484

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2489
D.F. 2484
G.L. 2484

Date 01/14/2009

Run Number One

Depth Driller 4435

Depth Logger 4440

Bottom Logged Interval 4439

Top Log Interval 250

Casing Driller 8.625 @ 260

Casing Logger 262

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4.800

Density / Viscosity 9.1 57

pH / Fluid Loss 10.5 7.2

Source of Sample Flowline

Rm @ Meas. Temp .8 @ 65

Rmf @ Meas. Temp .6 @ 65

Rmc @ Meas. Temp 1.08 @ 65

Source of Rmf / Rmc Charts

Rm @ BHT .42 @ 122

Operating Rig Time 4 Hours

Max Rec. Temp. F 122

Equipment Number 10

Location Hays

Recorded By Jason Wellbrock

Witnessed By Max Lovely

<<< Fold Here >>>

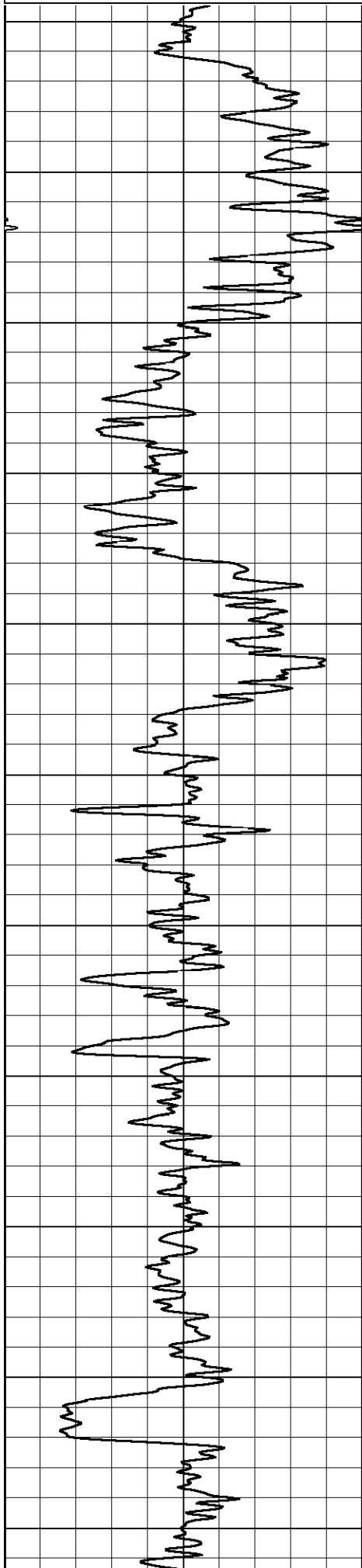
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

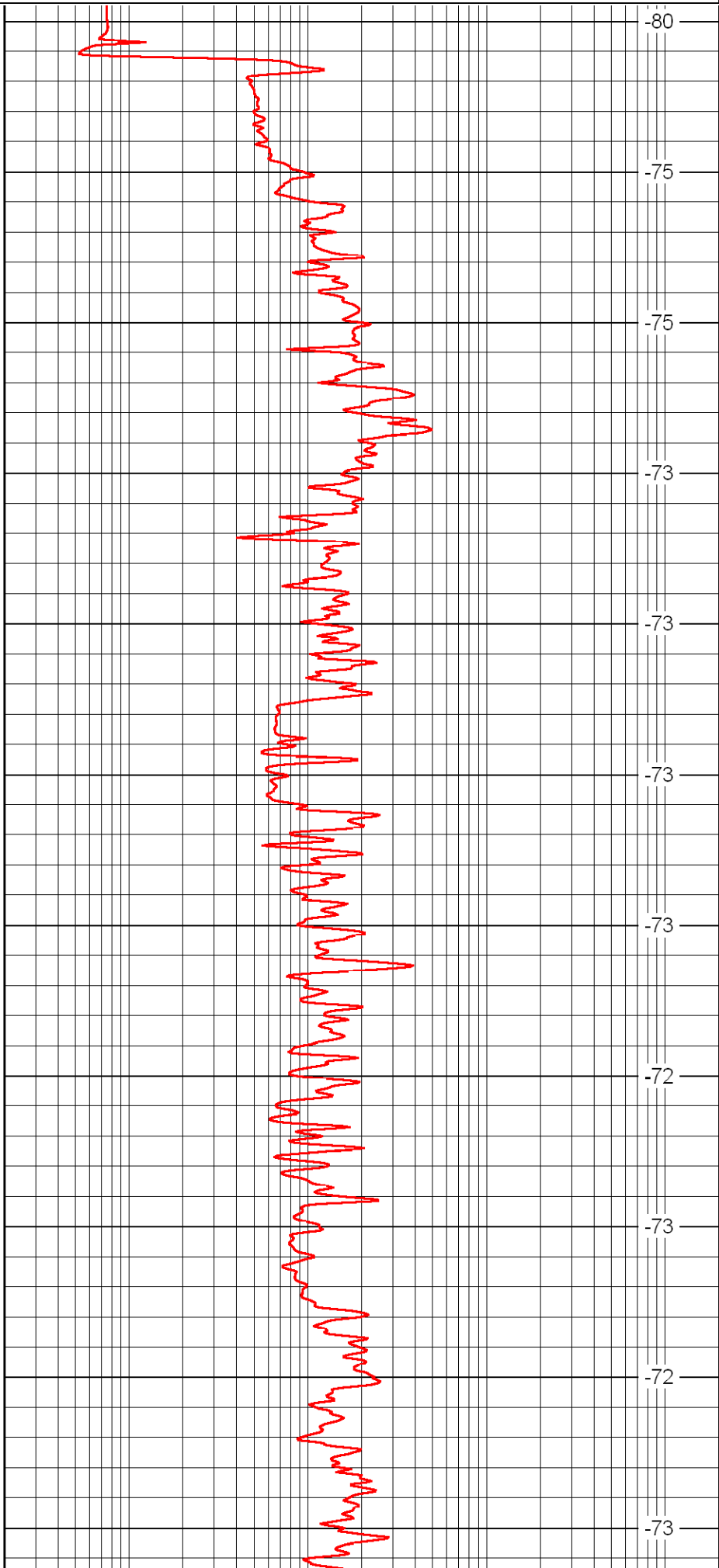
Thank you for using Log-Tech, Inc.
(785) 625-3858

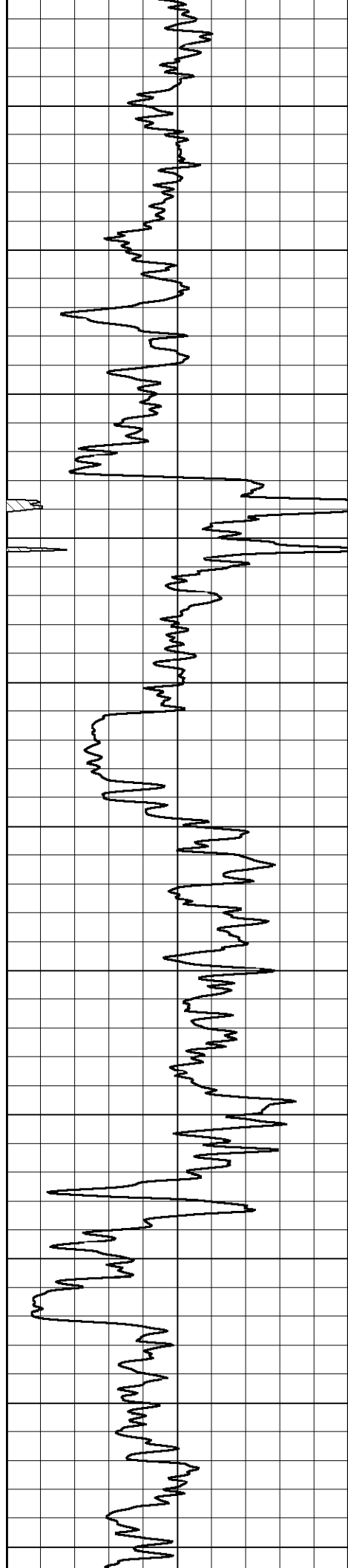
Arnold W 3, 6 S, 1 W, N Into down lease rd

Database File: c:\warrior\data\pickrell_norton j no. 4\pickhd2.db
Dataset Pathname: rag/pick2in
Presentation Format: rag2in
Dataset Creation: Wed Jan 14 12:45:33 2009
Charted by: Depth in Feet scaled 1:600



LSPD





800

850

900

950

1000

1050

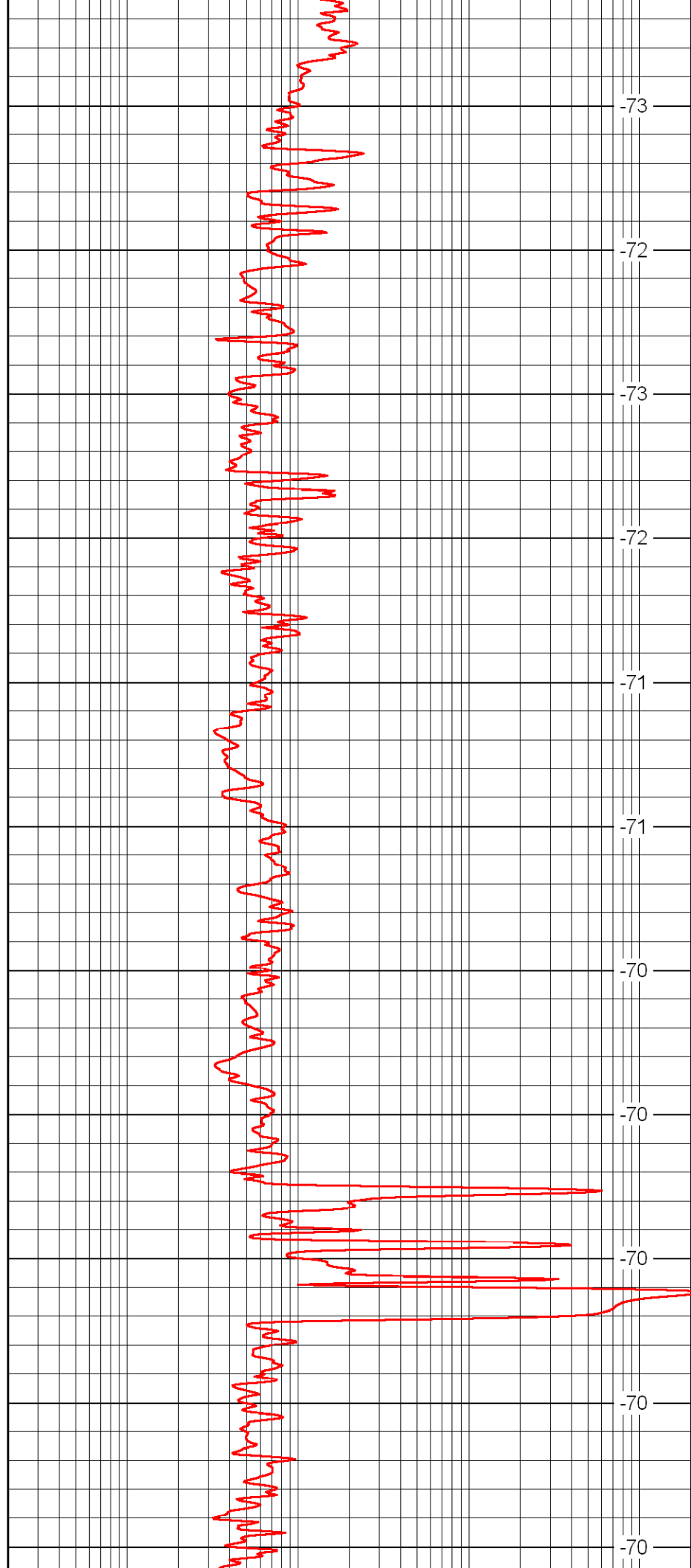
1100

1150

1200

1250

1300



-73

-72

-73

-72

-71

-71

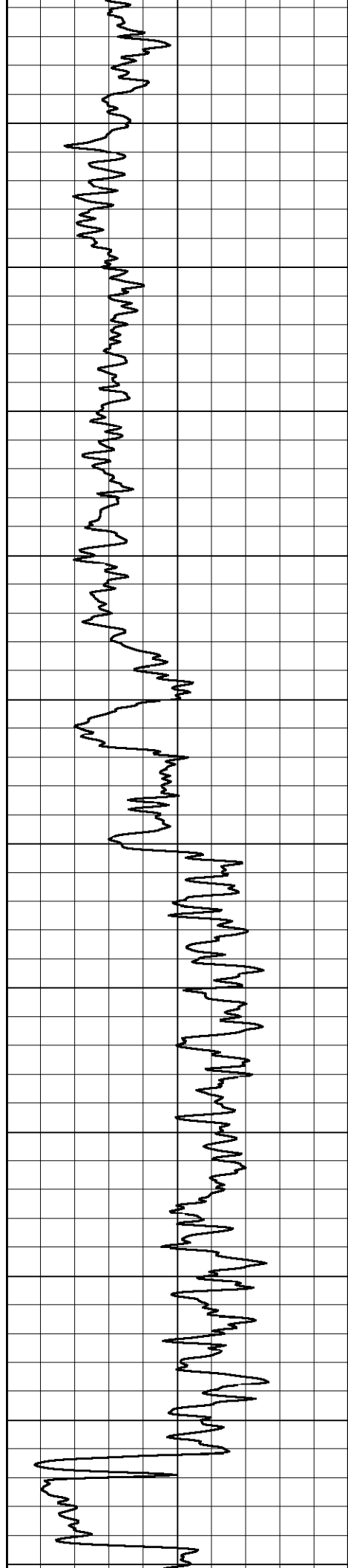
-70

-70

-70

-70

-70



1350

1400

1450

1500

1550

1600

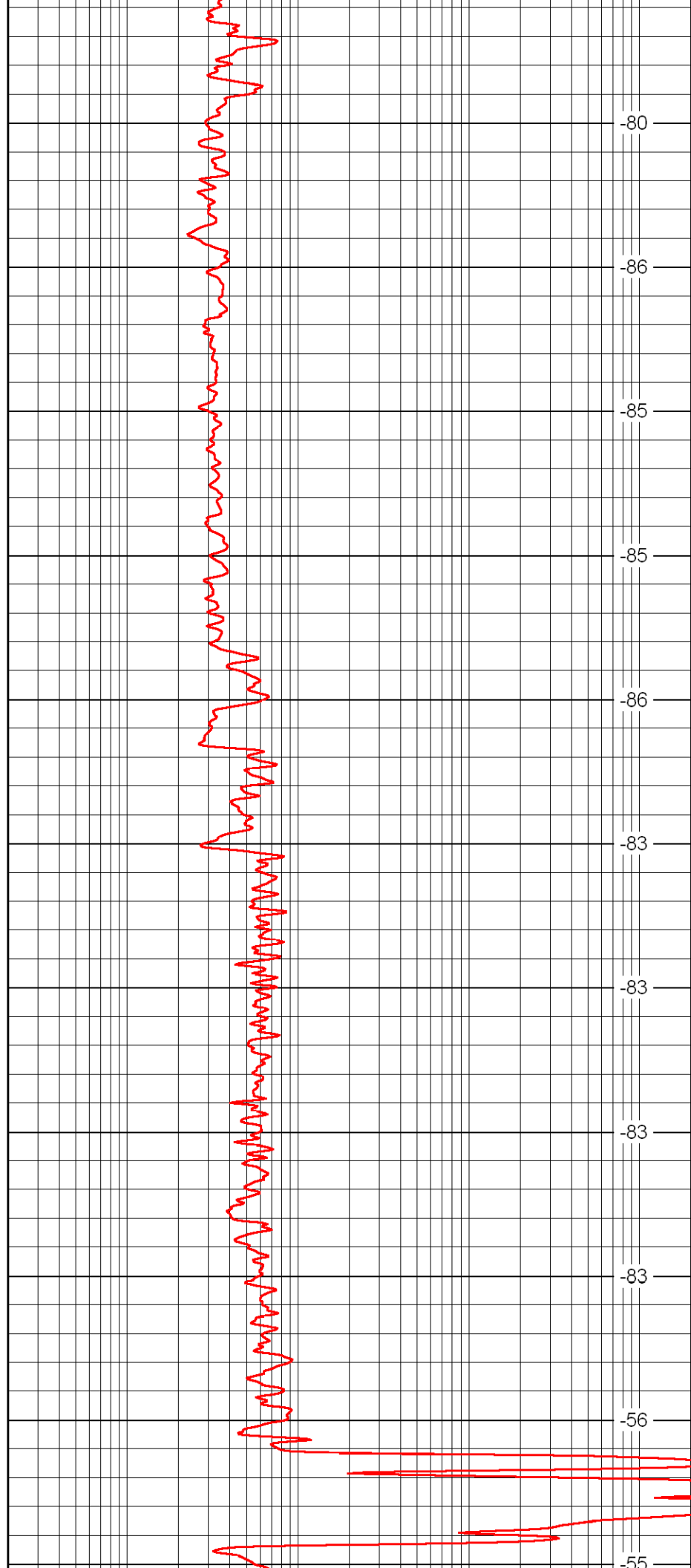
1650

1700

1750

1800

1850



-80

-86

-85

-85

-86

-83

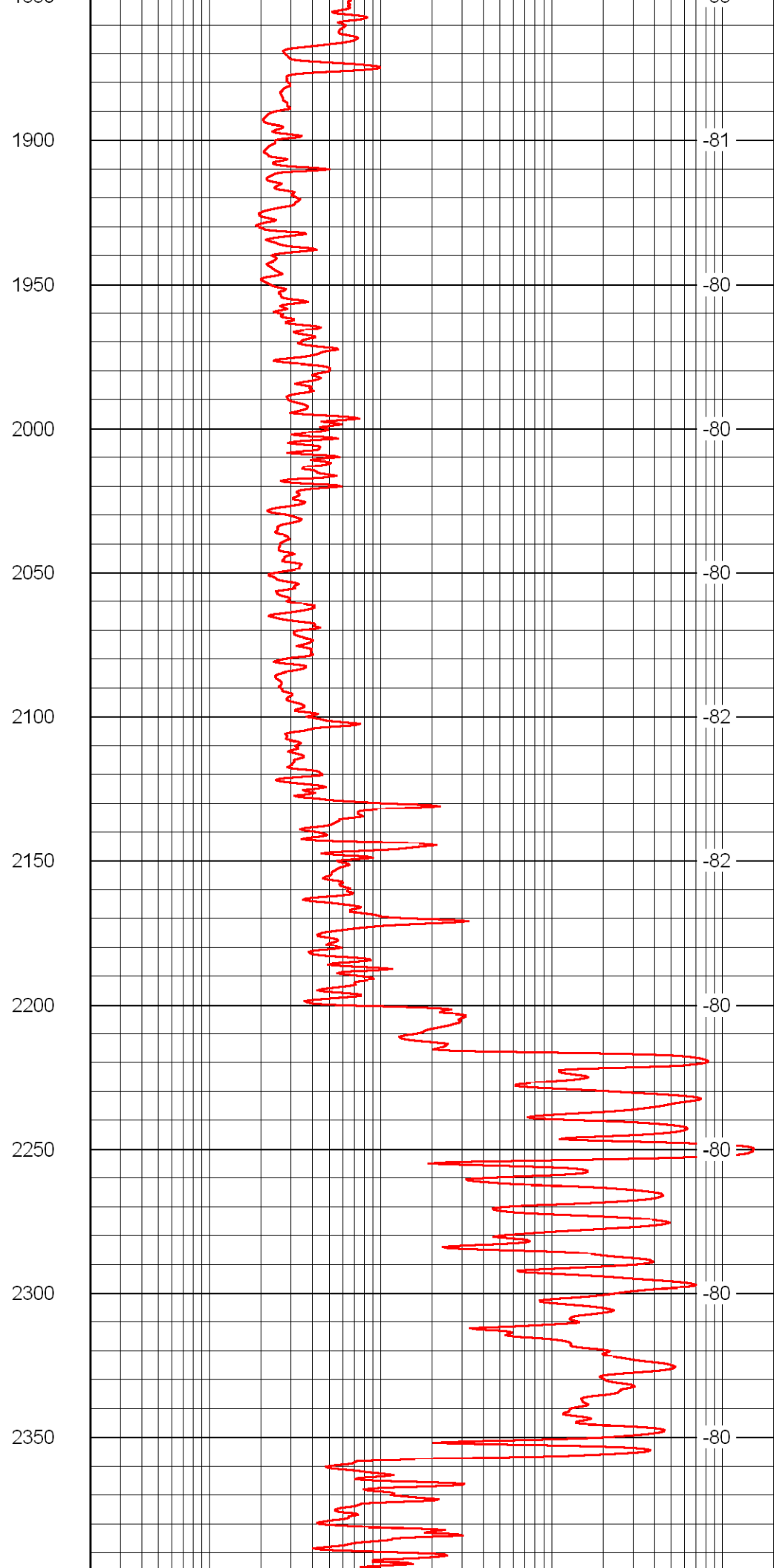
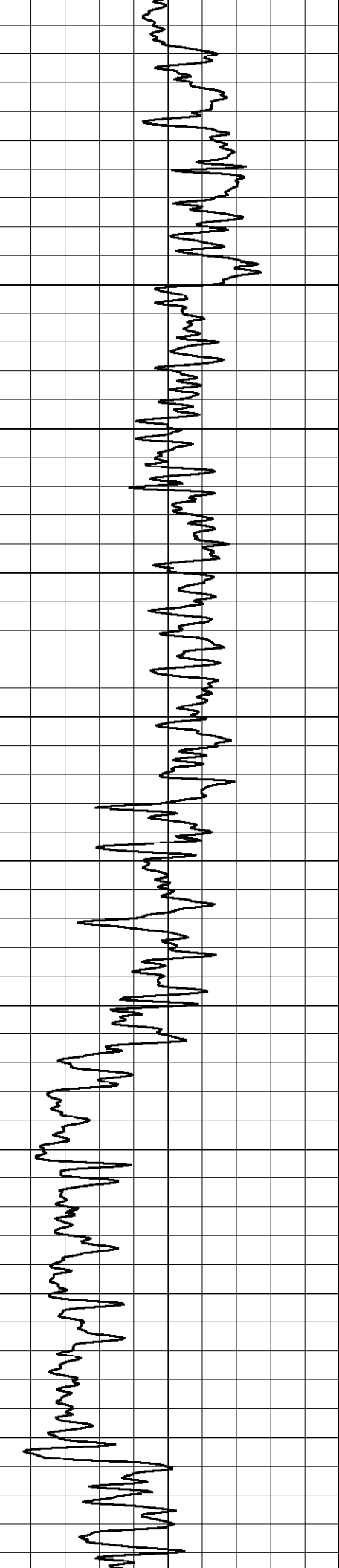
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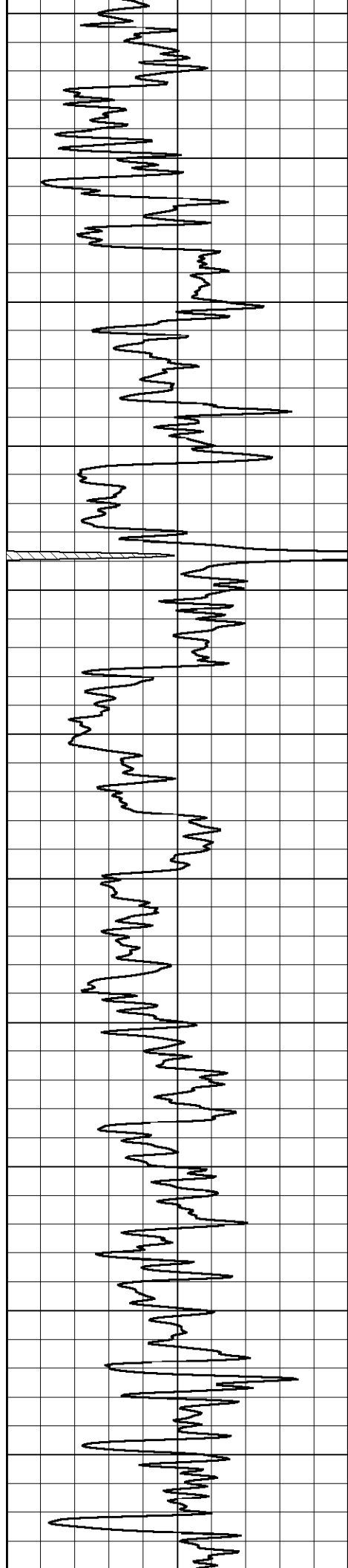
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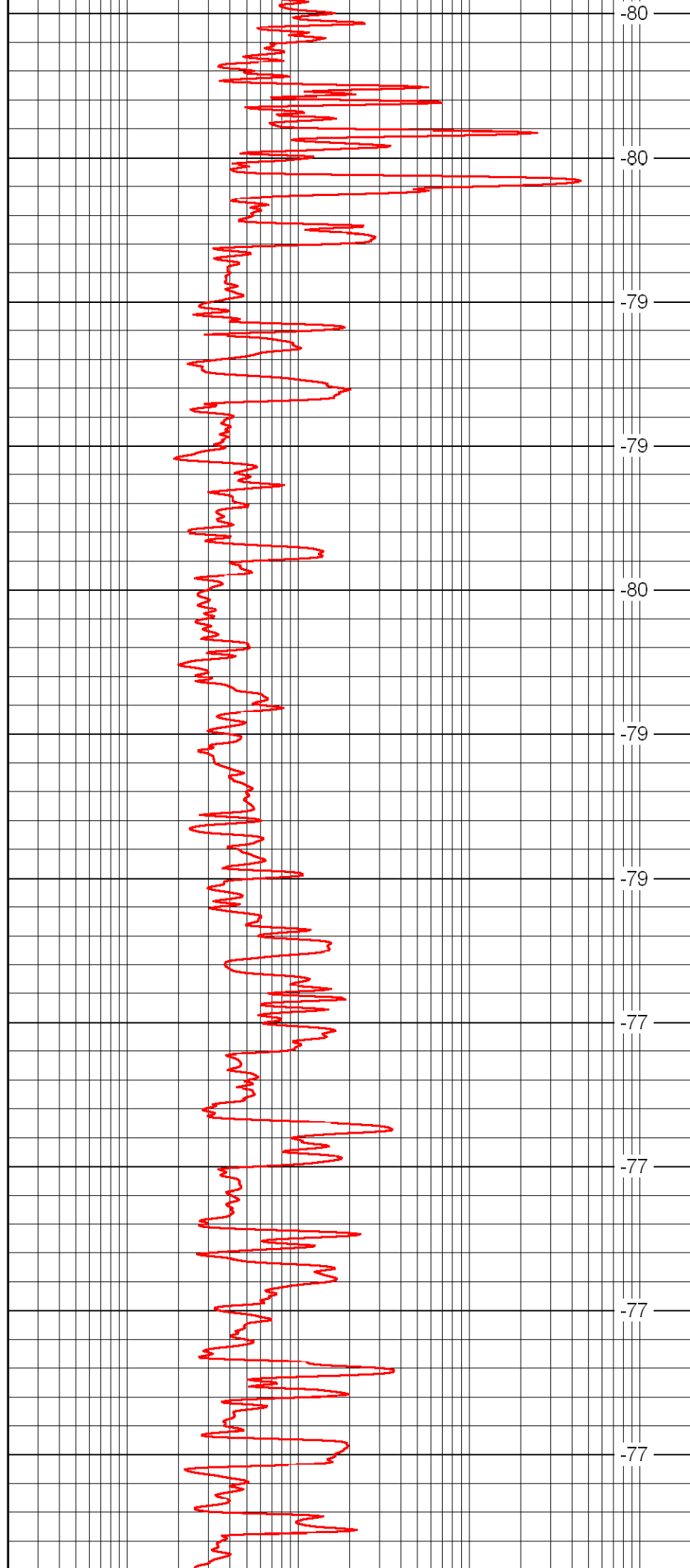
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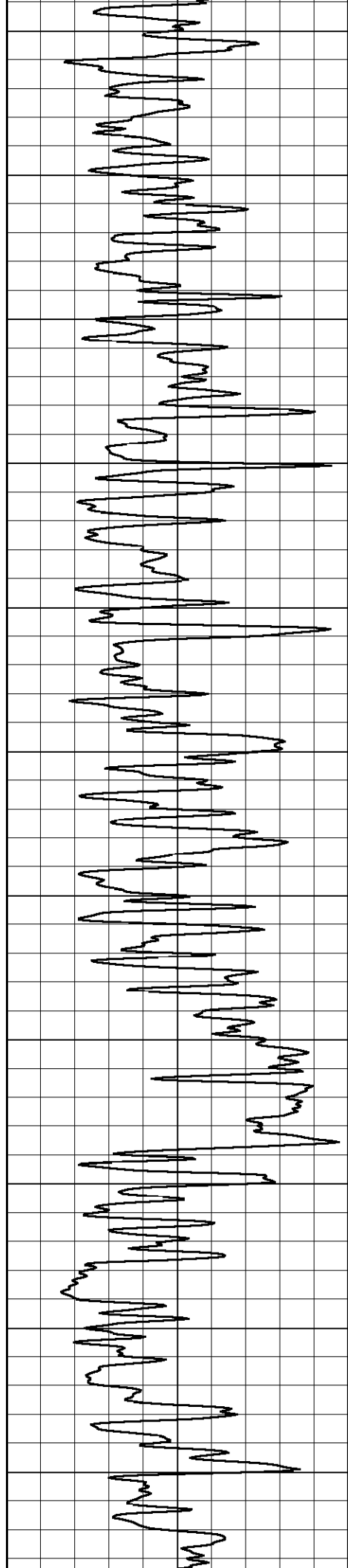
-55





2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900





2950

3000

3050

3100

3150

3200

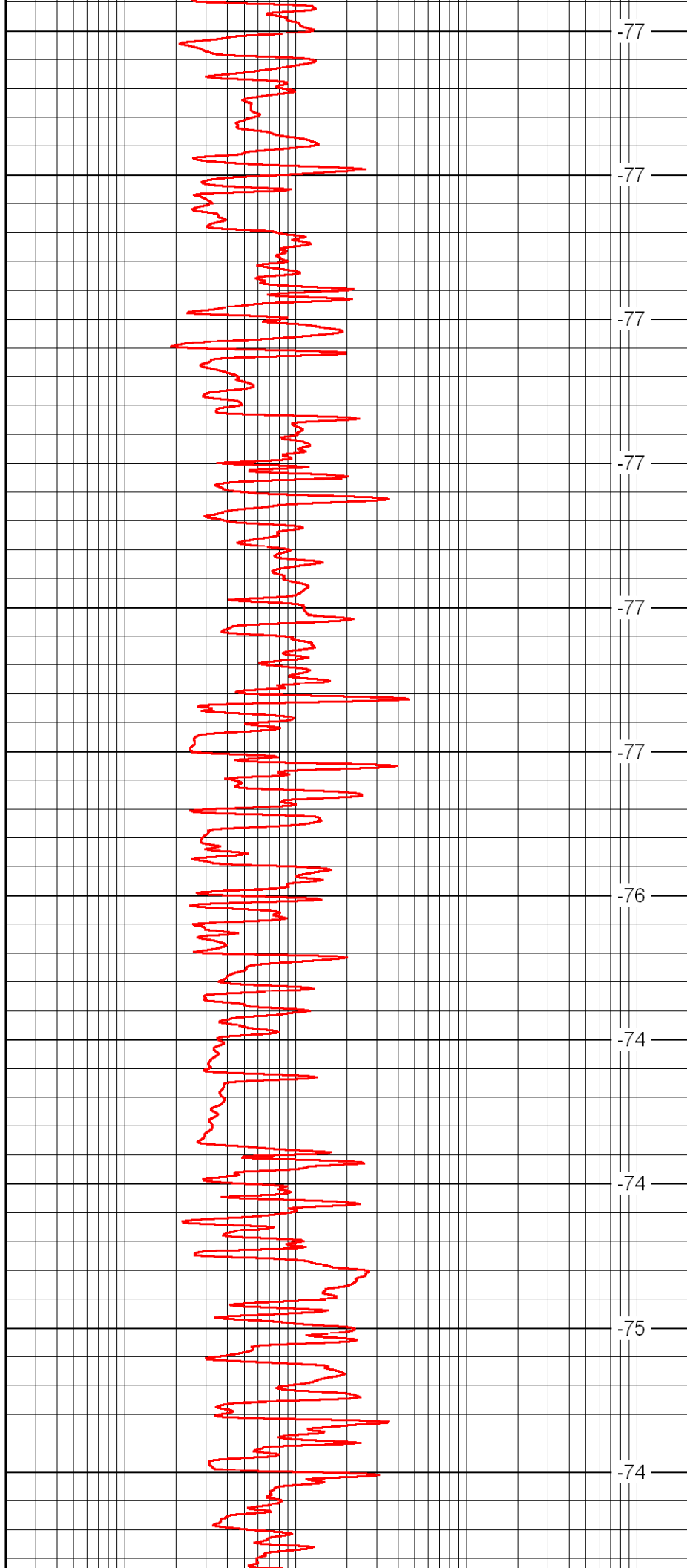
3250

3300

3350

3400

3450



-77

-77

-77

-77

-77

-77

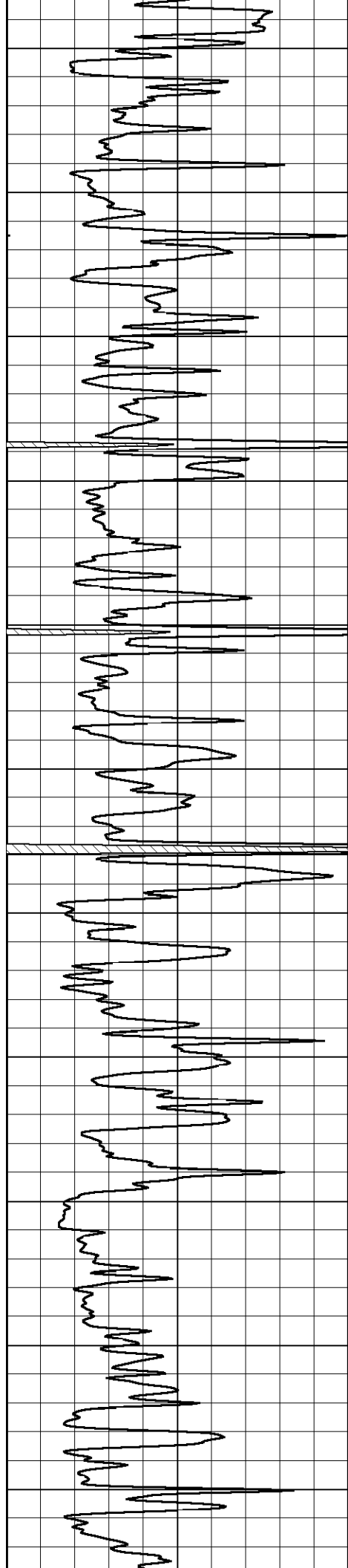
-76

-74

-74

-75

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3500

3550

3600

3650

3700

3750

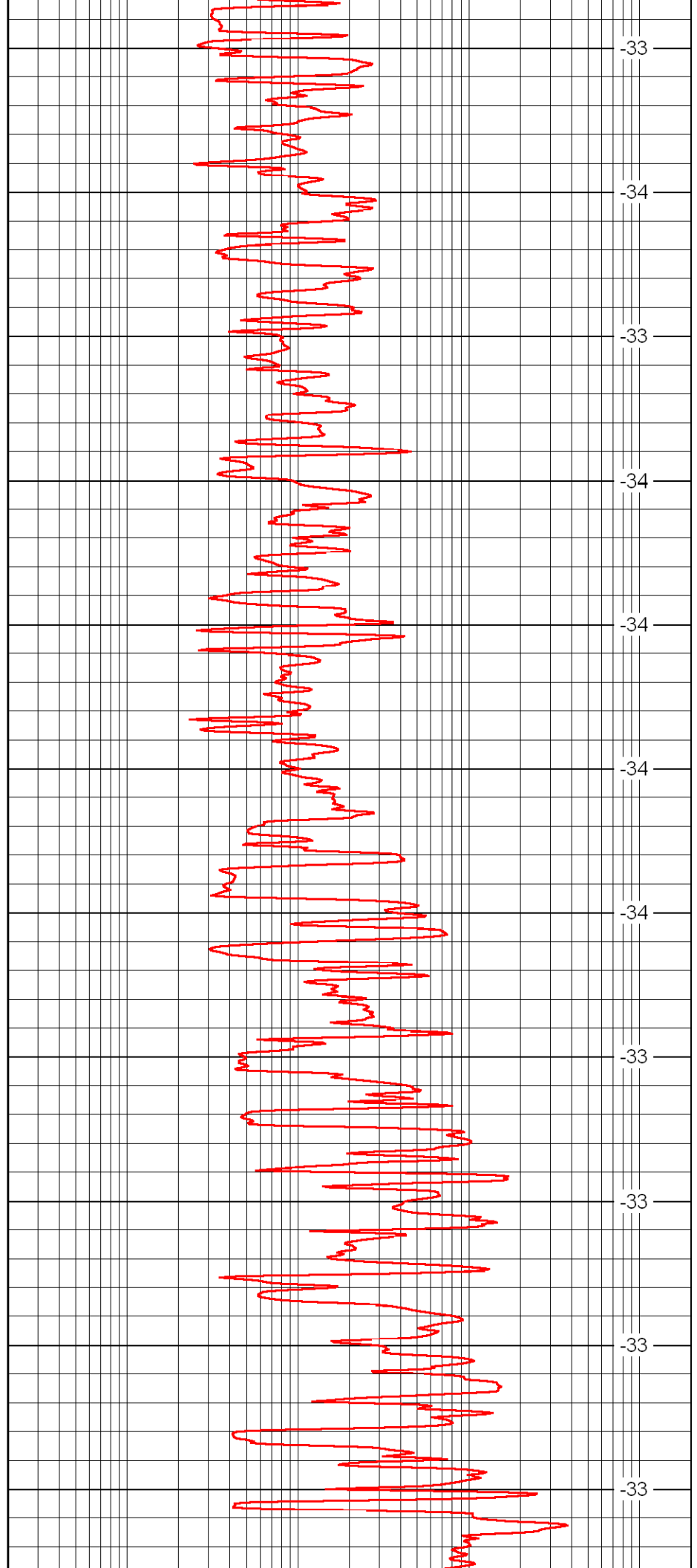
3800

3850

3900

3950

4000



-33

-34

-33

-34

-34

-34

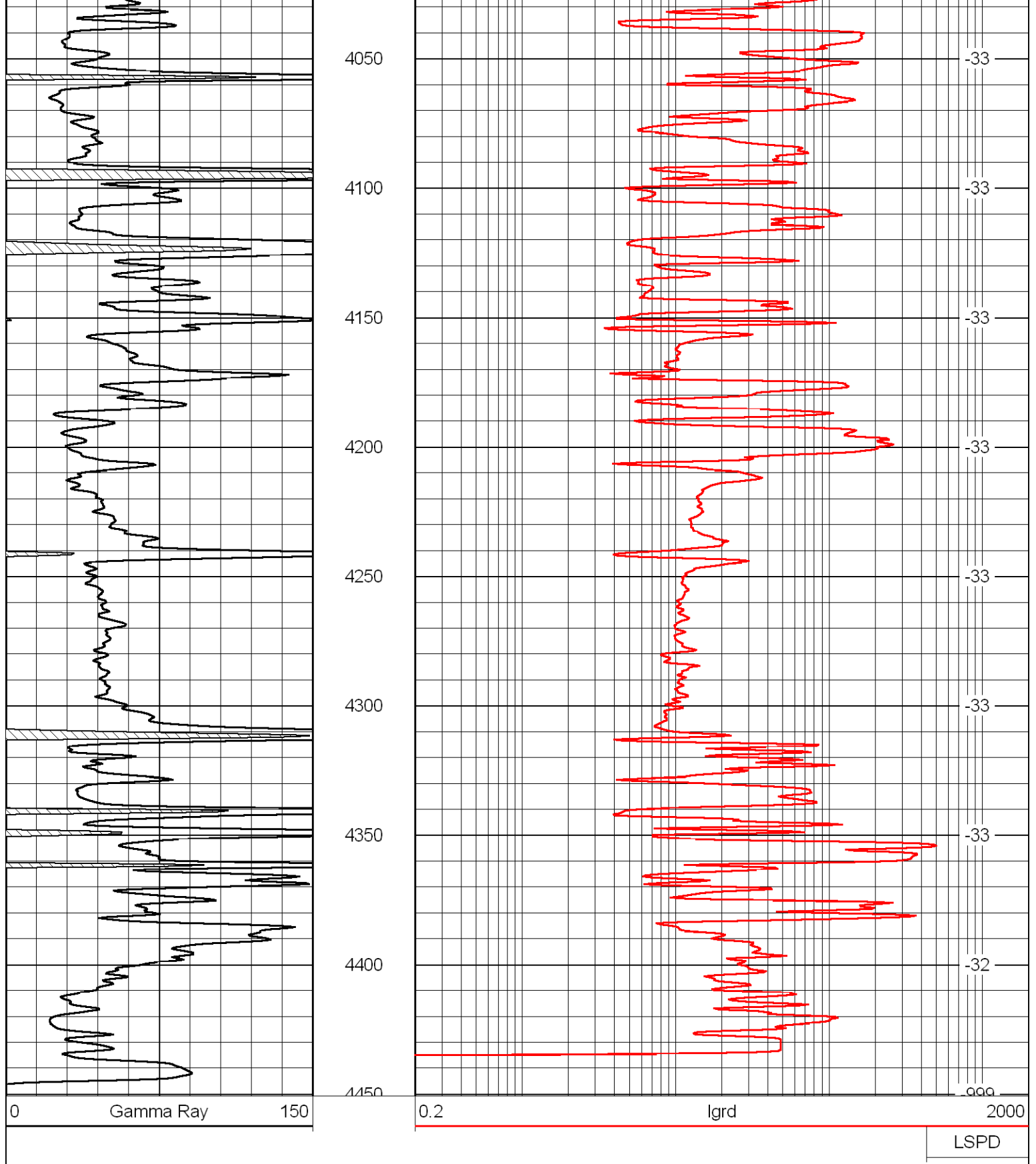
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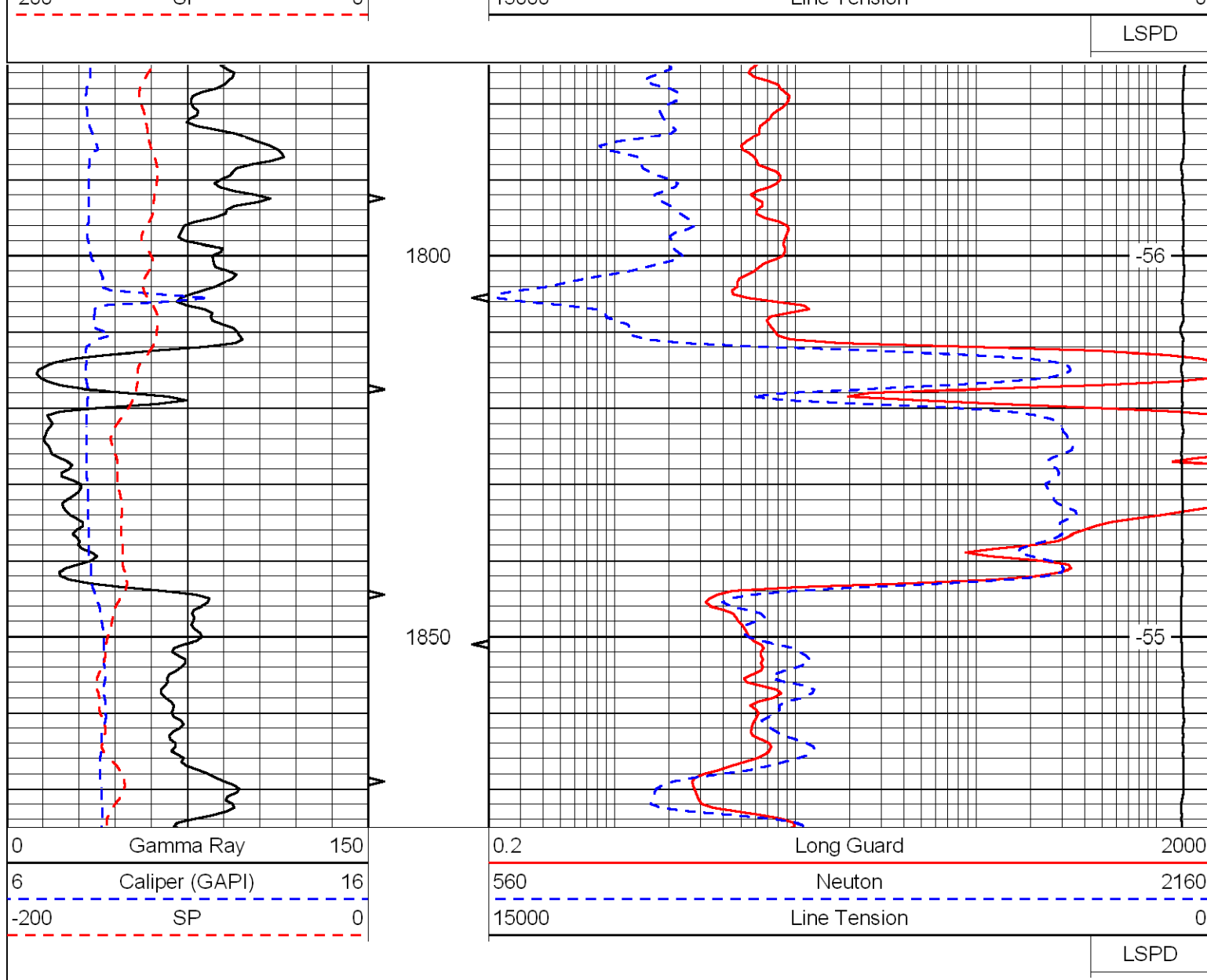
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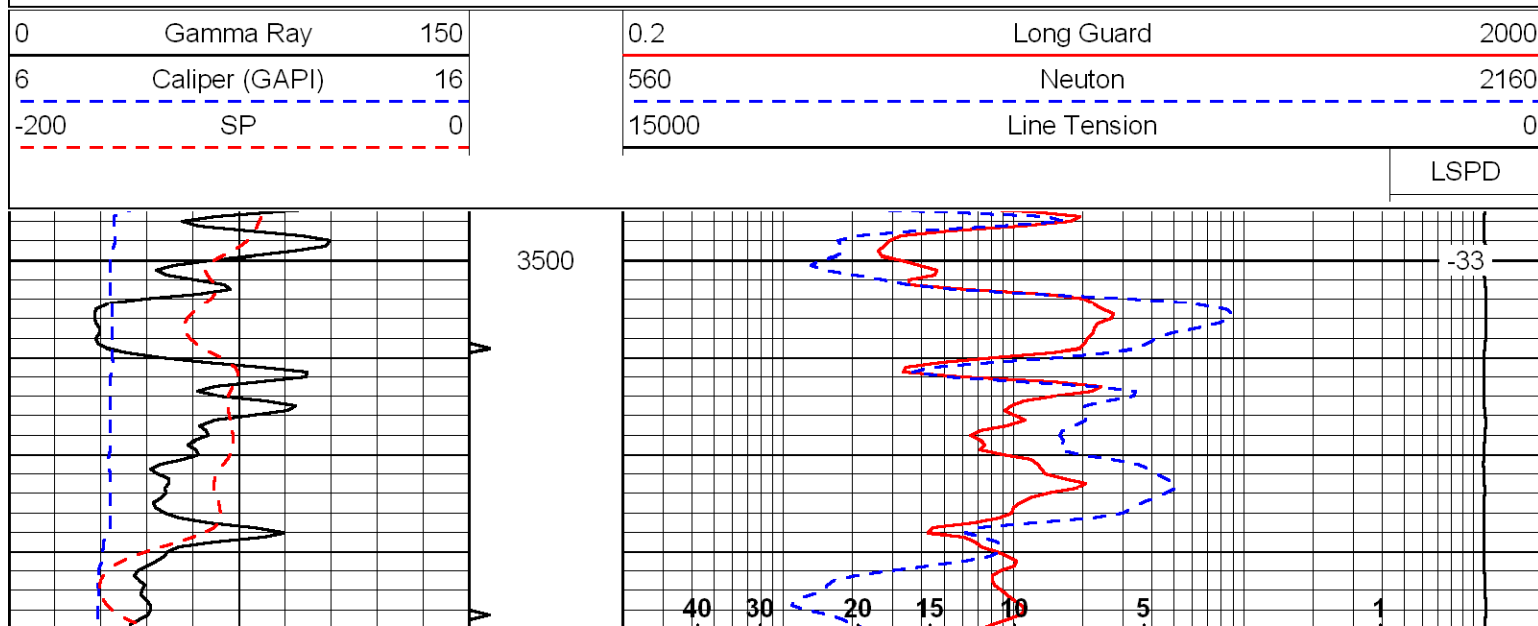


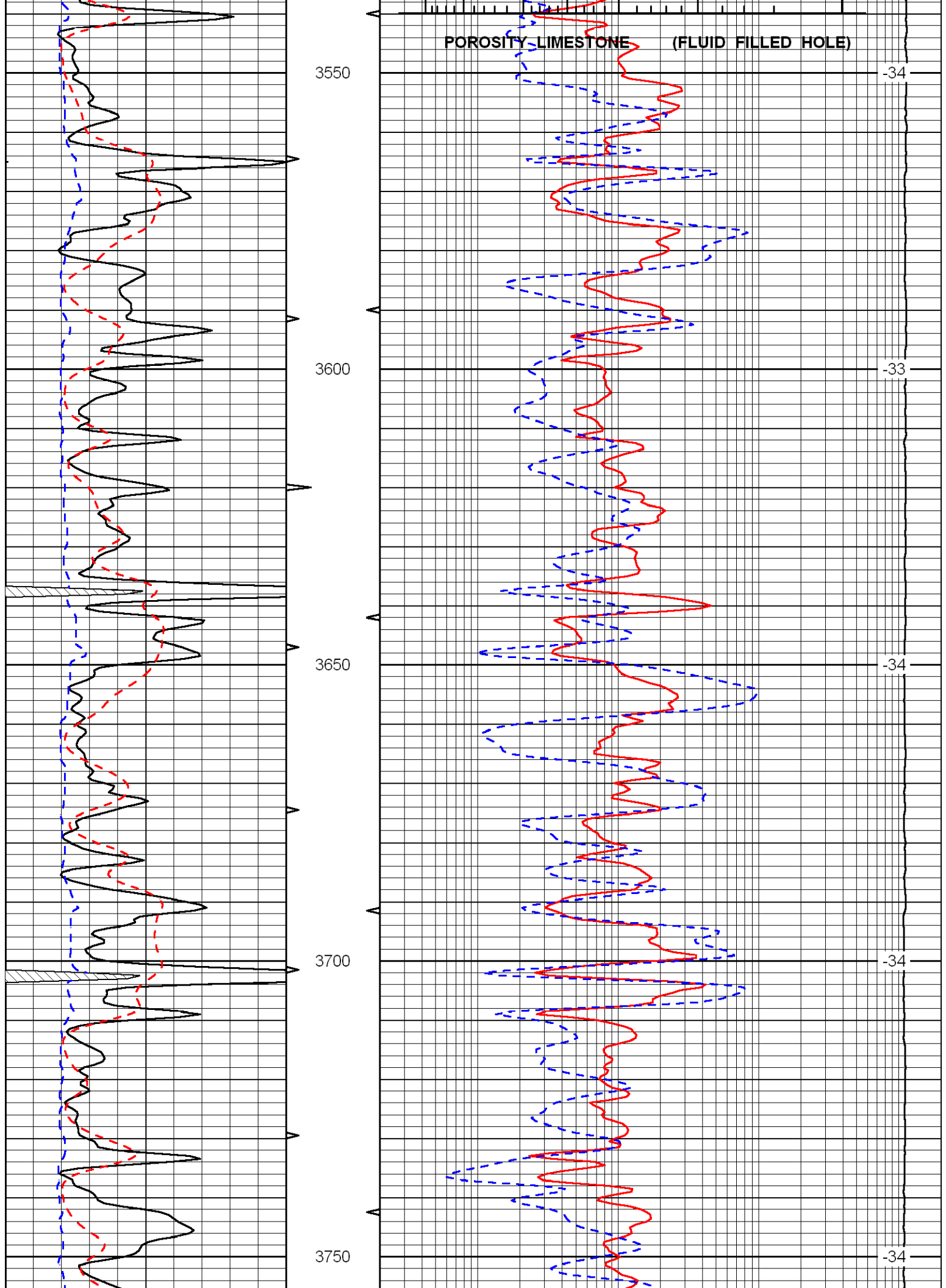
Database File: c:\warrior\data\pickrell_norton j no. 4\pickhd2.db
 Dataset Pathname: rag/pick2in
 Presentation Format: rag
 Dataset Creation: Wed Jan 14 12:45:33 2009
 Charted by: Depth in Feet scaled 1:240

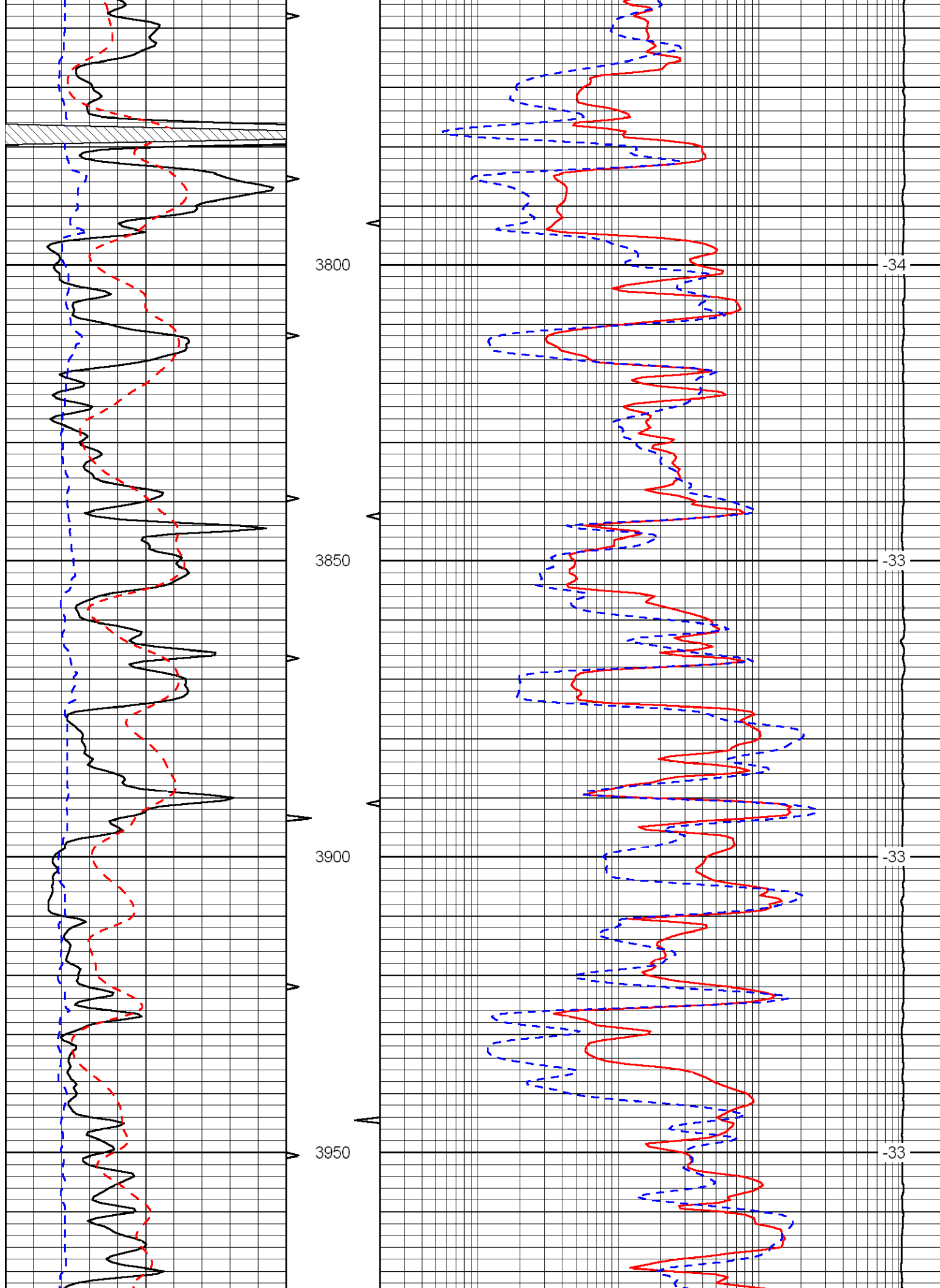
0	Gamma Ray	150	0.2	Long Guard	2000
6	Caliper (GAPI)	16	560	Neuton	2160
-200	SP	0	15000	Line Tension	0

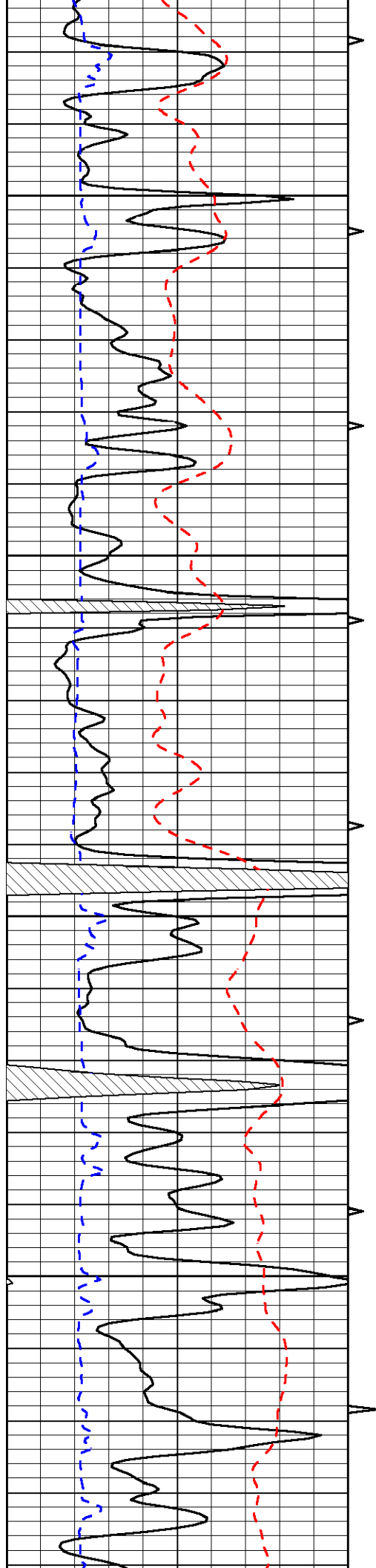


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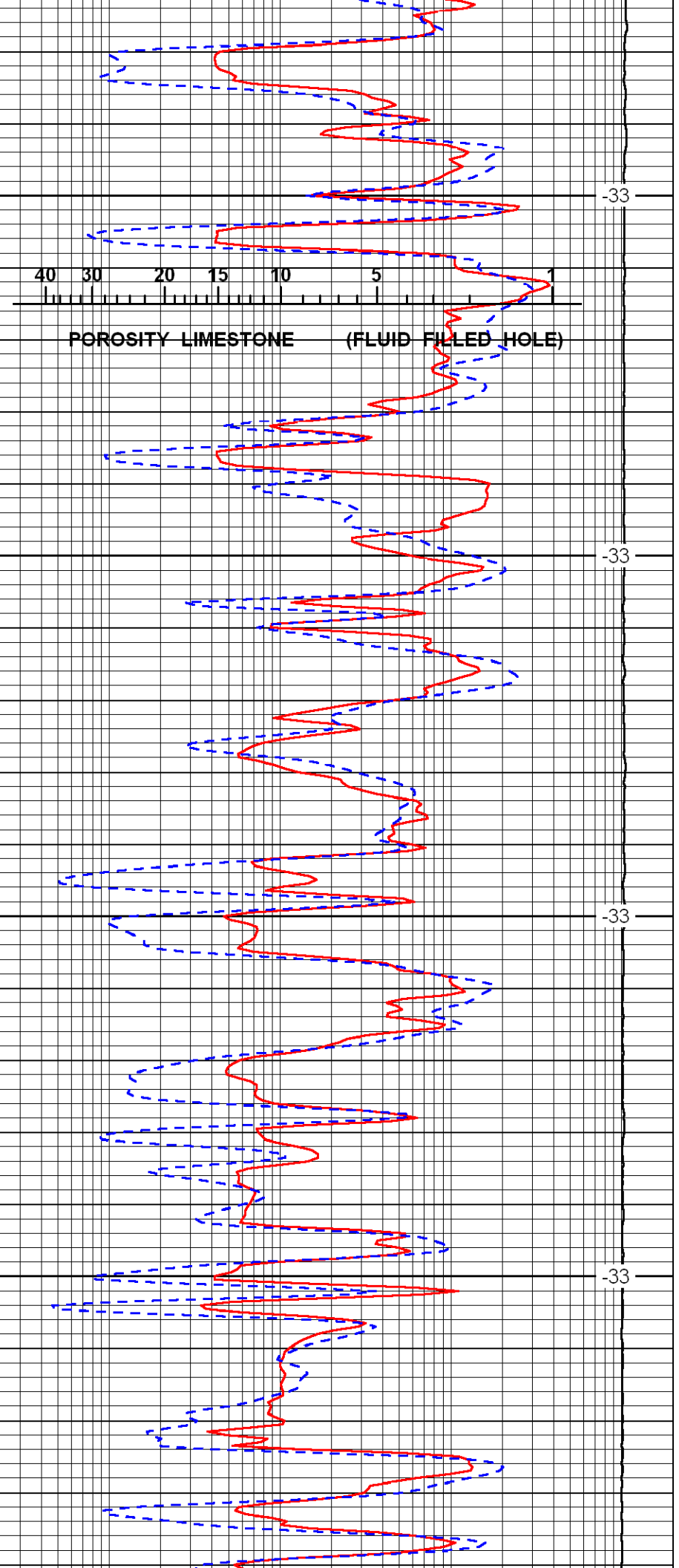


4000

4050

4100

4150



POROSITY LIMESTONE

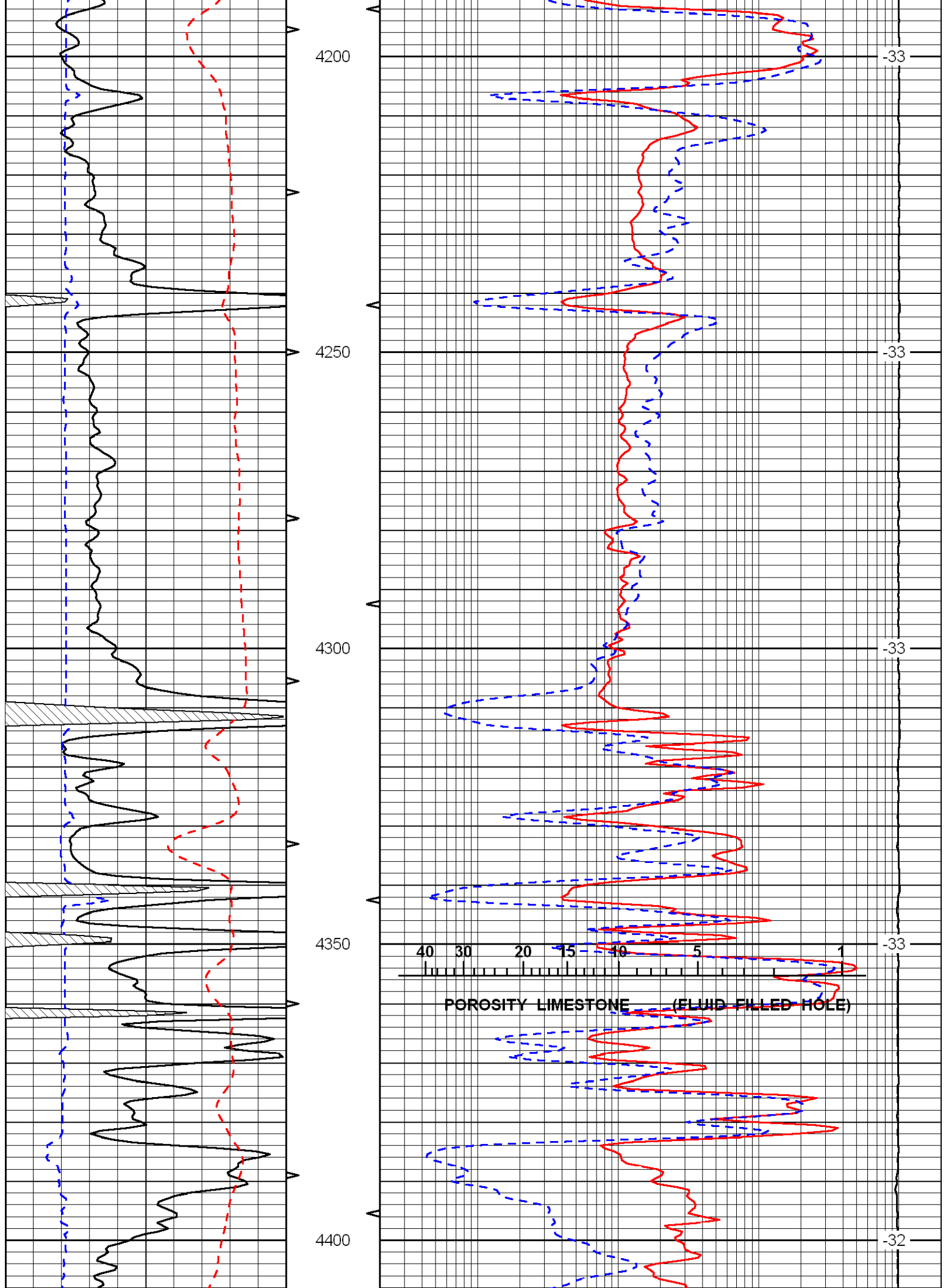
(FLUID FILLED HOLE)

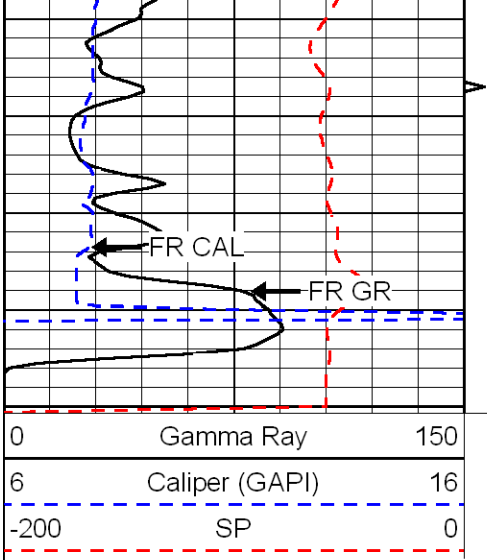
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-33

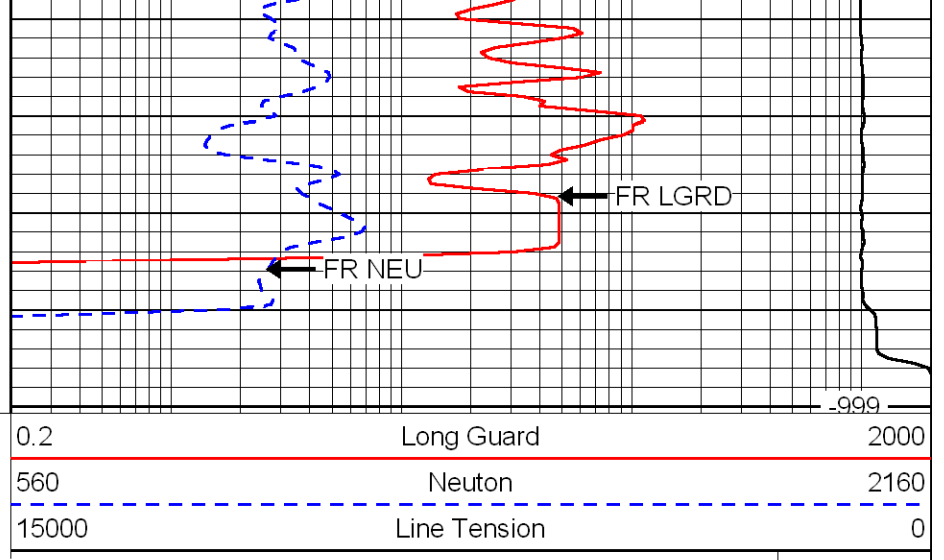
-33

-33





4450



-999

LSPD