



Radiation Guard Log

DIGITAL LOG (785) 625-3858

API No.

15-009-25,624-00-00

Company Hupfer Operating, Inc.

Well Bitter 'B' No. 3

Field Trapp

County Barton State Kansas

Location

NW NE NW
330' FNL & 1510' FWL

Other Services
BHCS

Sec: 5 Twp: 16 S Rge: 13 W

Elevation

Permanent Datum Ground Level Elevation 1886
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1894
D.F. 1886
G.L. 1886

Date 12/8/2011

Run Number One

Depth Driller 3390

Depth Logger 3390

Bottom Logged Interval 3389

Top Log Interval 450

Casing Driller 8.625 @ 454

Casing Logger 454

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4.600

Density / Viscosity 9.2 54

pH / Fluid Loss 10.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp .75 @ 55

Rmf @ Meas. Temp .56 @ 55

Rmc @ Meas. Temp 1.01 @ 55

Source of Rmf / Rmc Charts

Rm @ BHT .37 @ 112

Operating Rig Time 4 Hours

Max Rec. Temp. F 112

Equipment Number 91

Location Hays

Recorded By K. Bange

Witnessed By Jim Musgrove

<<< Fold Here >>>

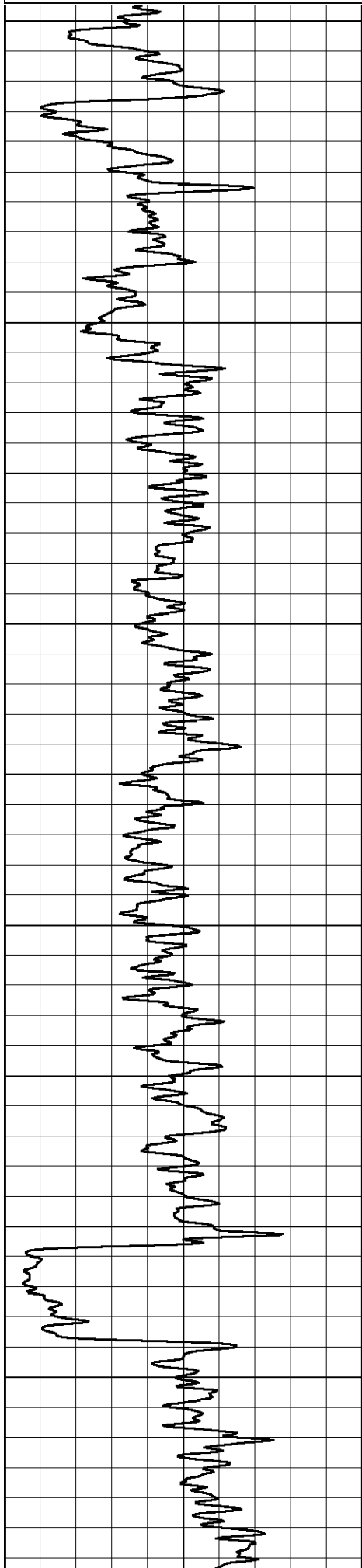
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

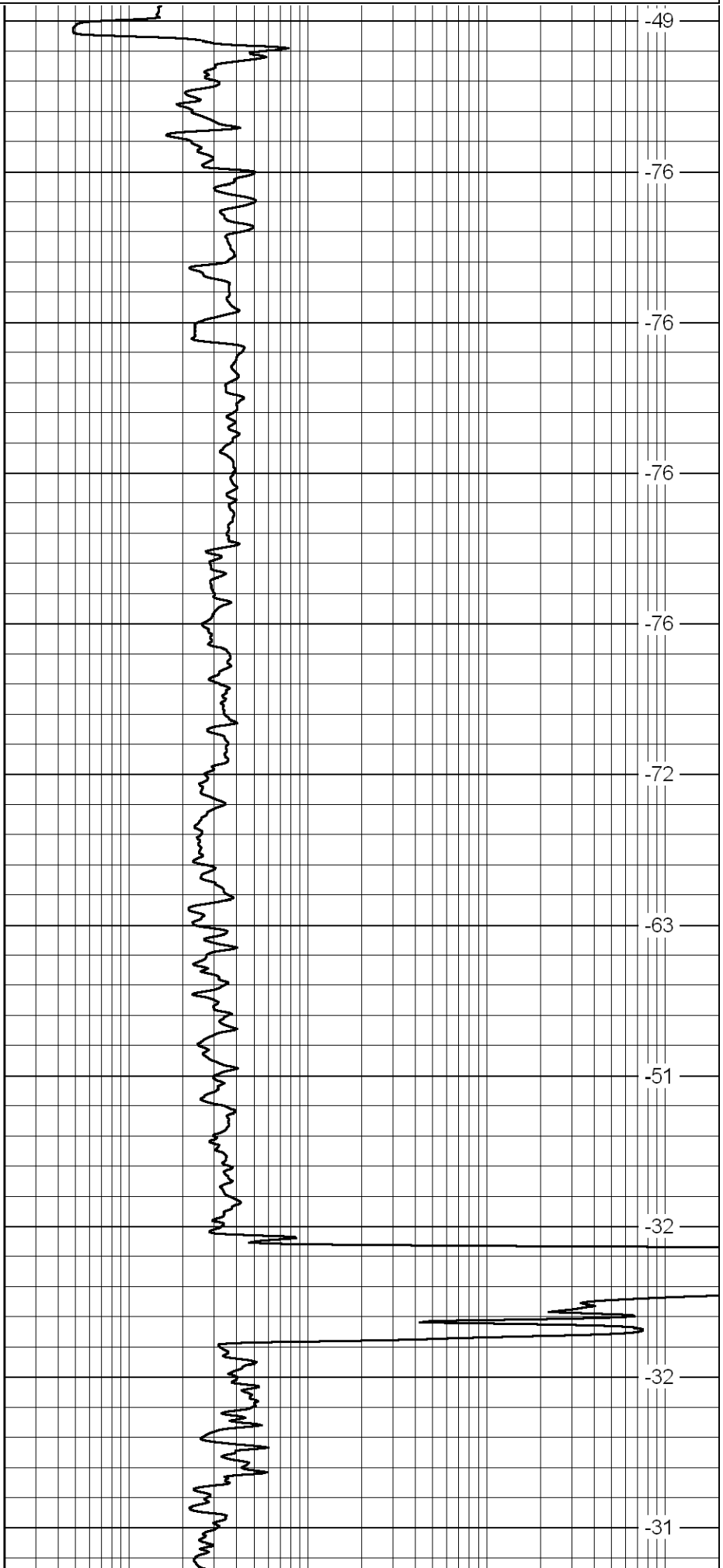
Thank you for using Log-Tech, Inc.
(785) 625-3858

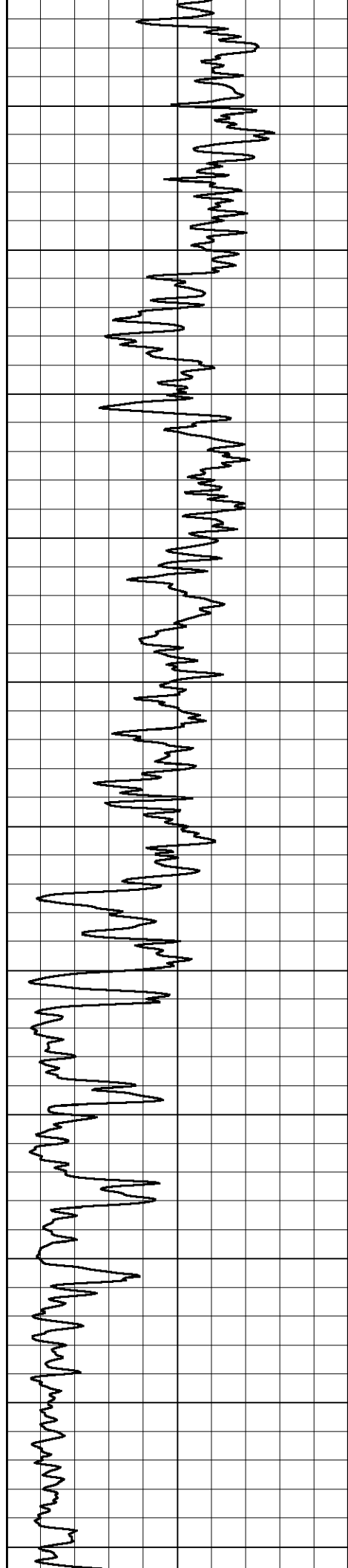
Russell, S to county line, 3.5 E, S into

Database File: hupfer120811hd.db
Dataset Pathname: rag/huprag
Presentation Format: rag2in
Dataset Creation: Thu Dec 08 19:43:21 2011
Charted by: Depth in Feet scaled 1:600



LSPD





1000

1050

1100

1150

1200

1250

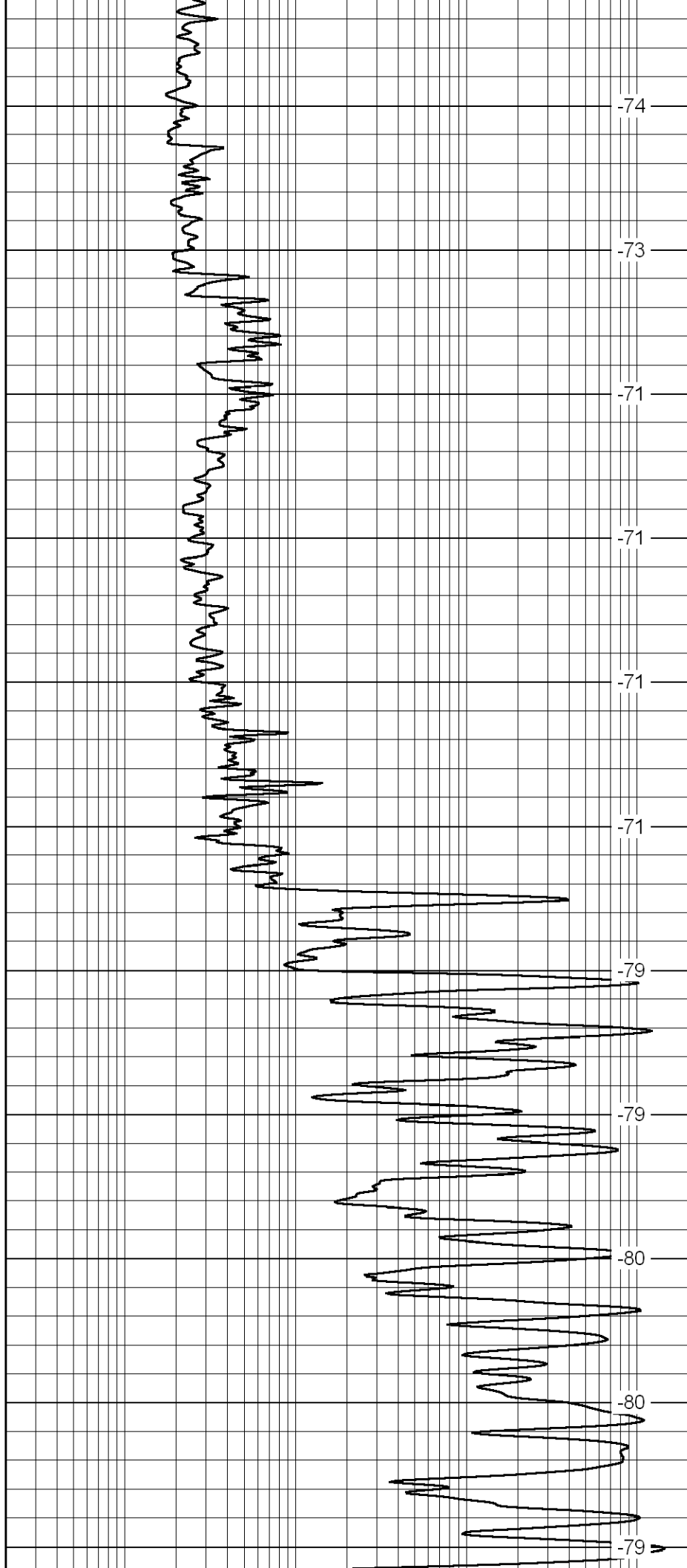
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1350

1400

1450

1500



-74

-73

-71

-71

-71

-71

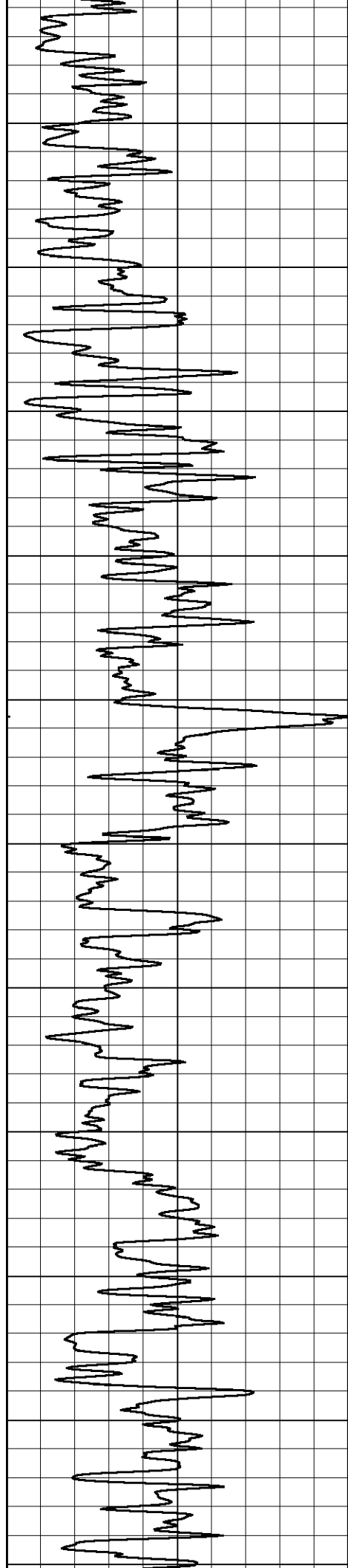
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1550

1600

1650

1700

1750

1800

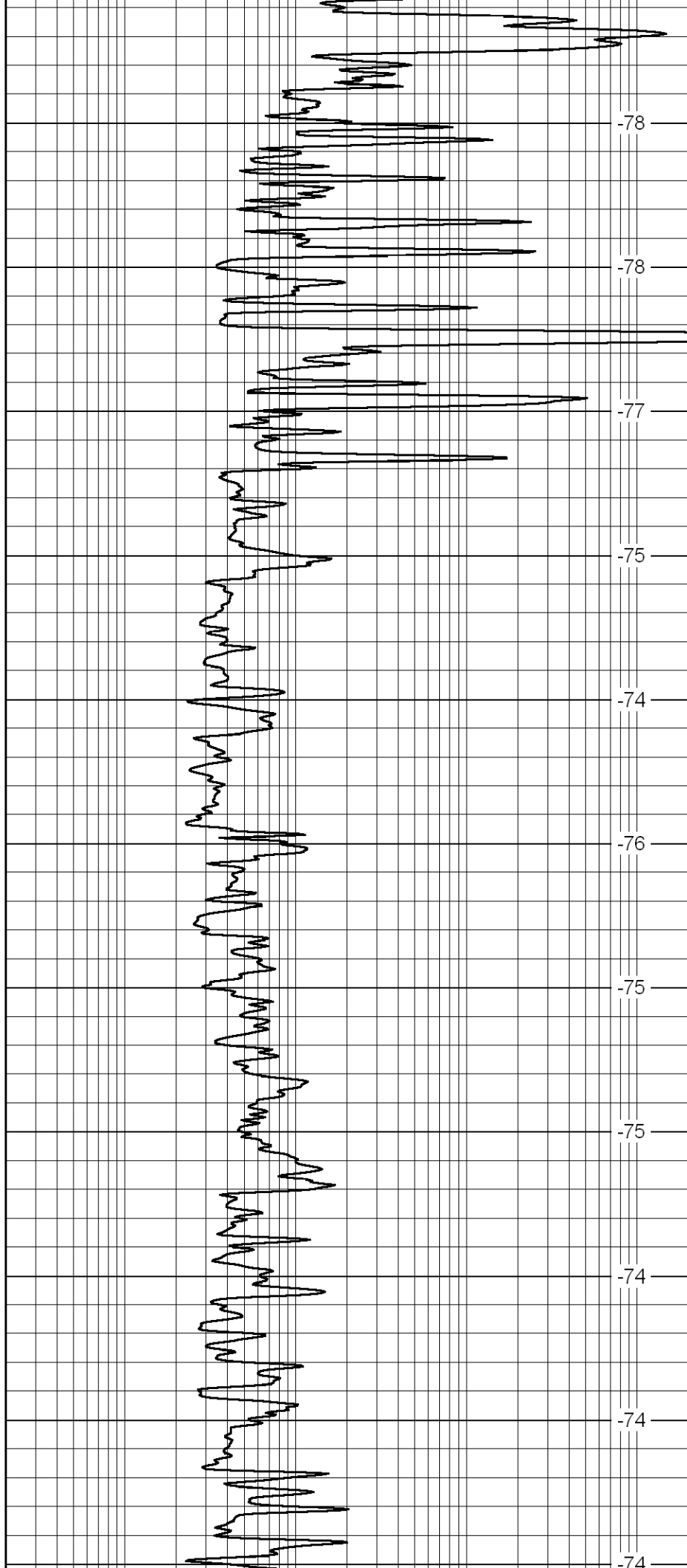
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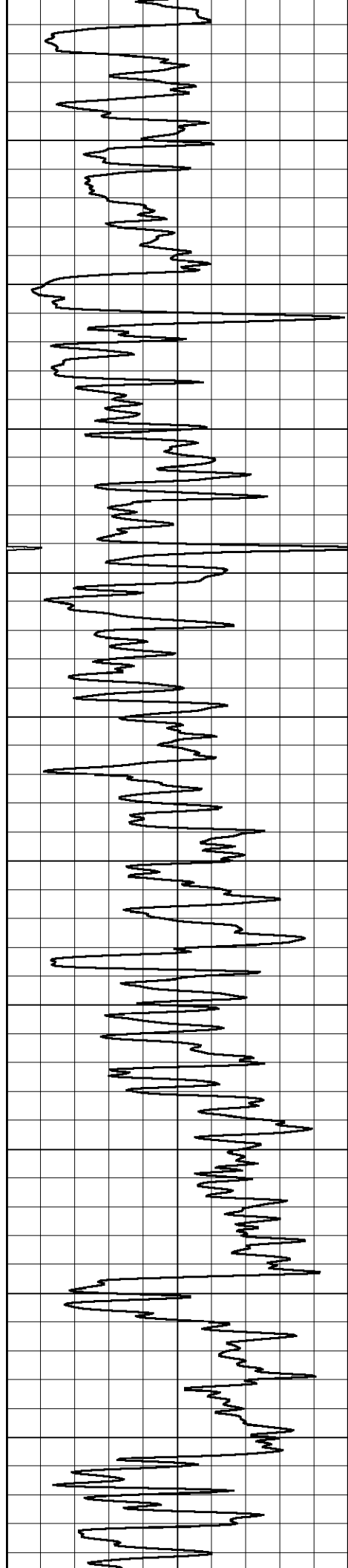
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1950

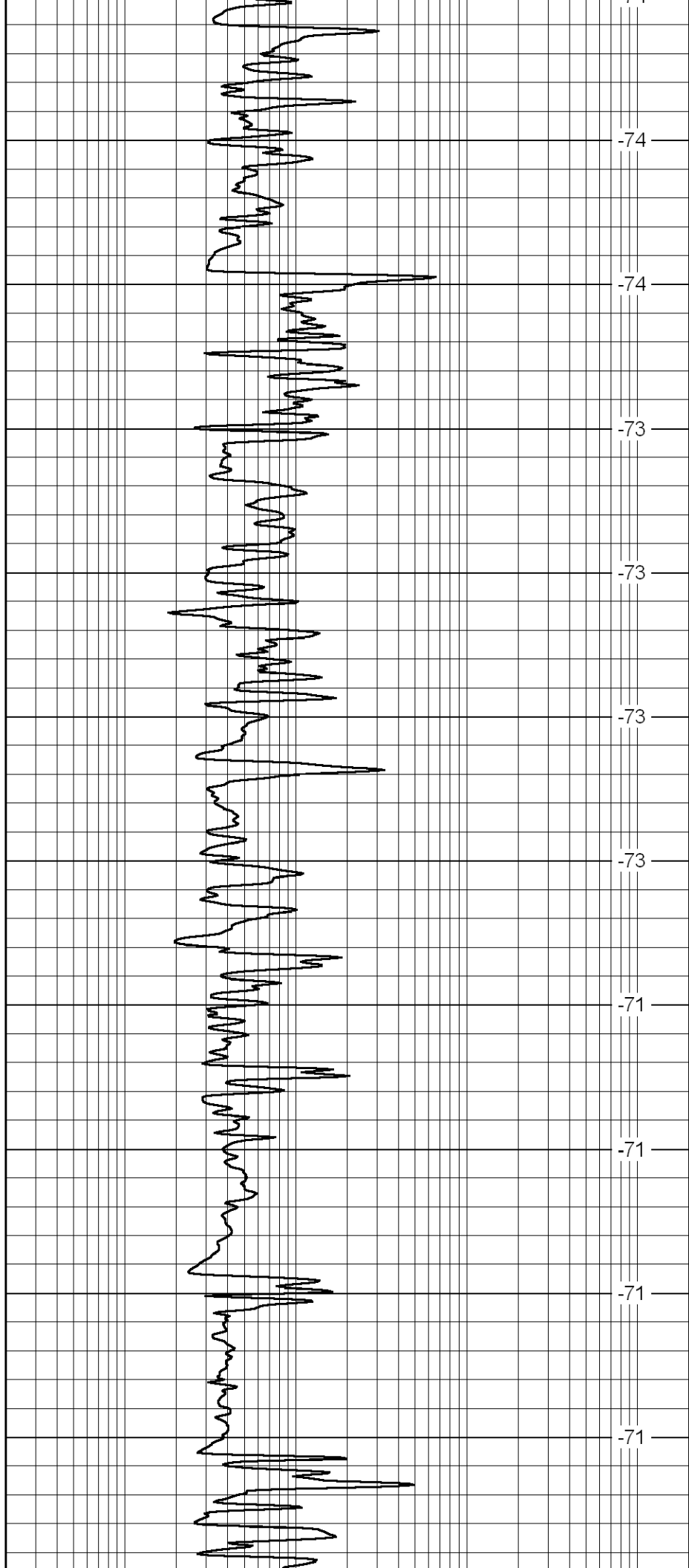
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2050

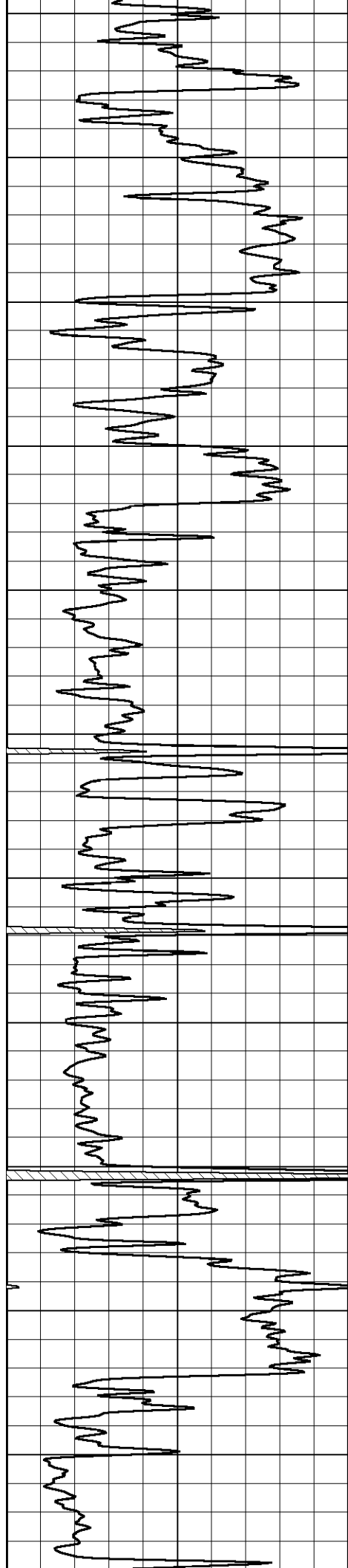




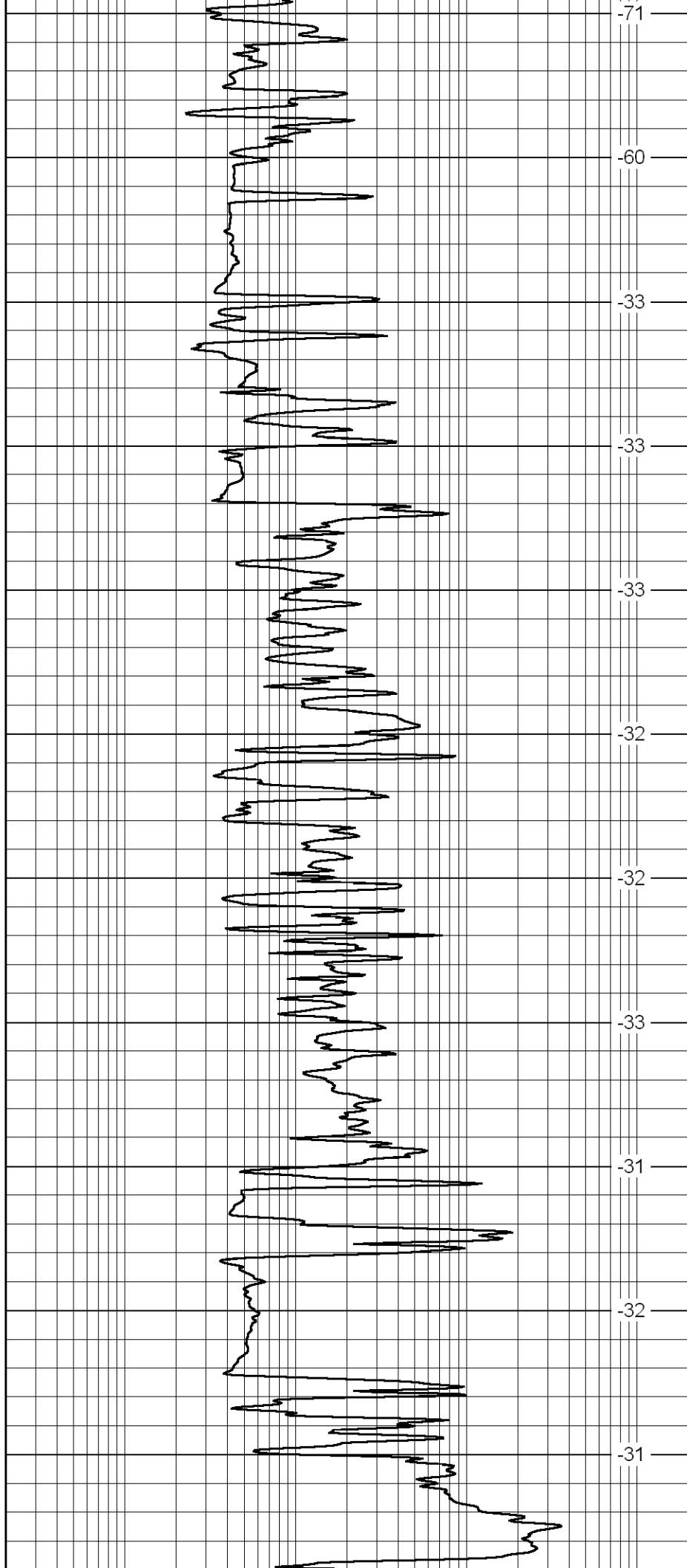
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2500
2550



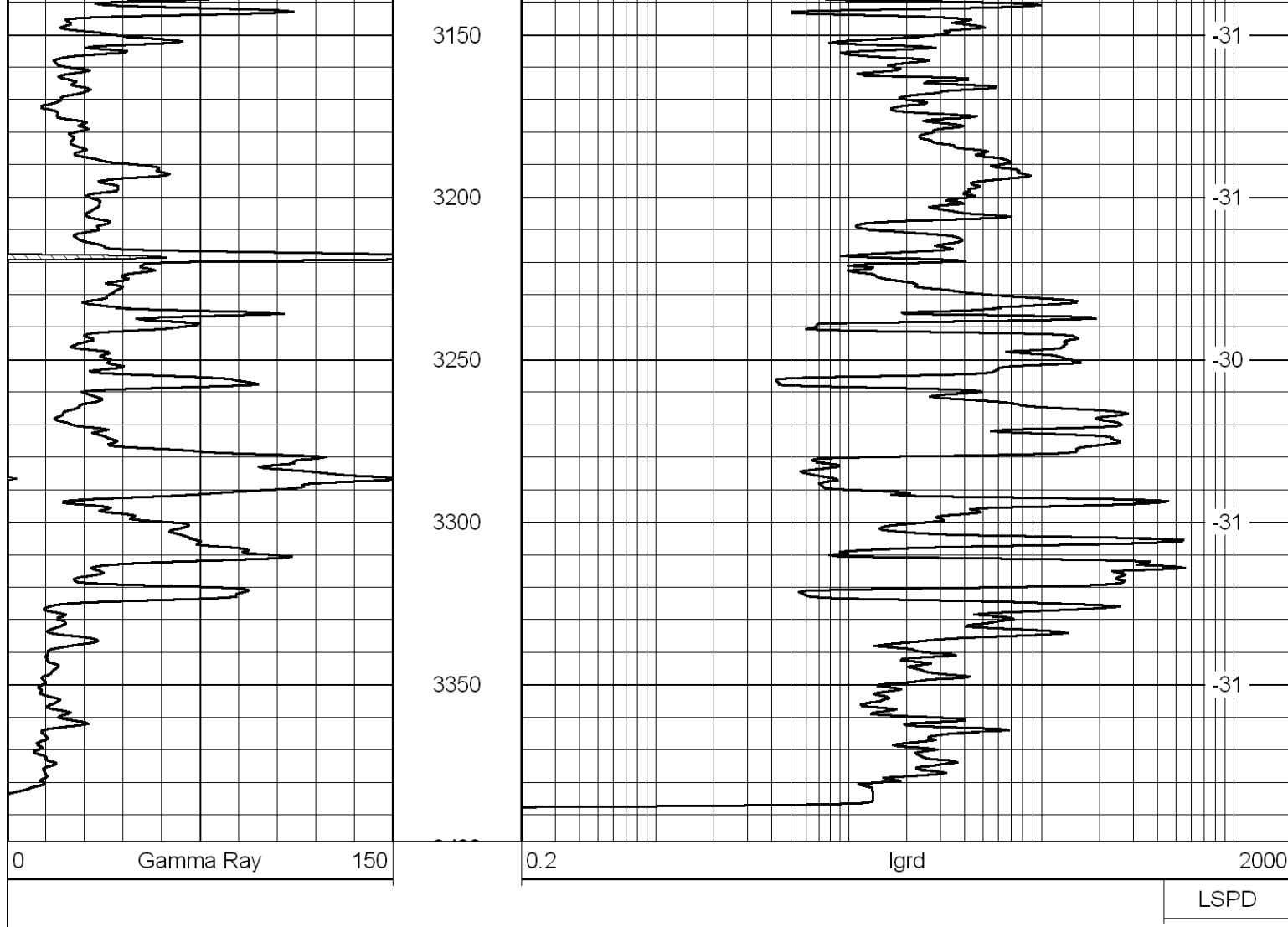
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-71



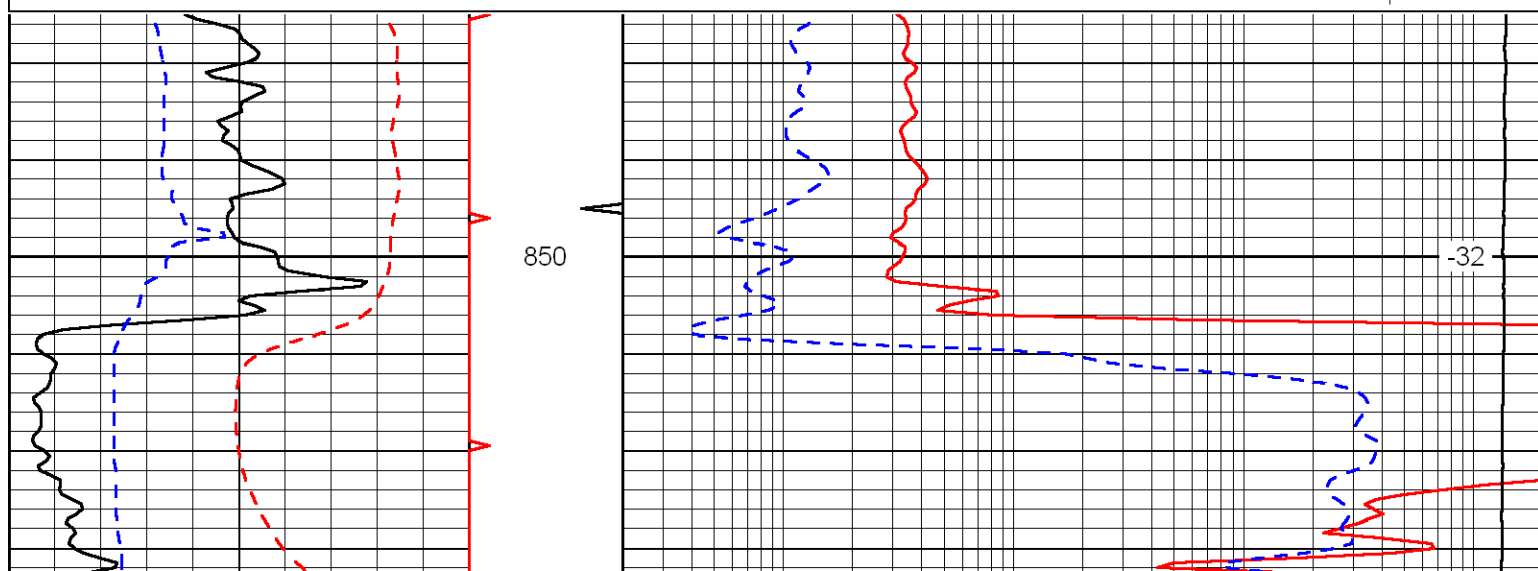
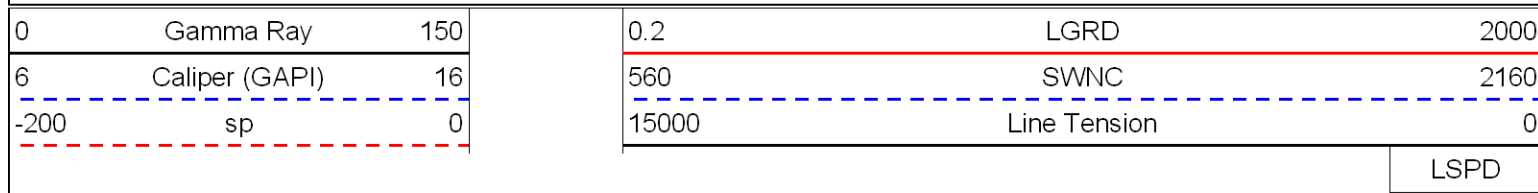
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3050
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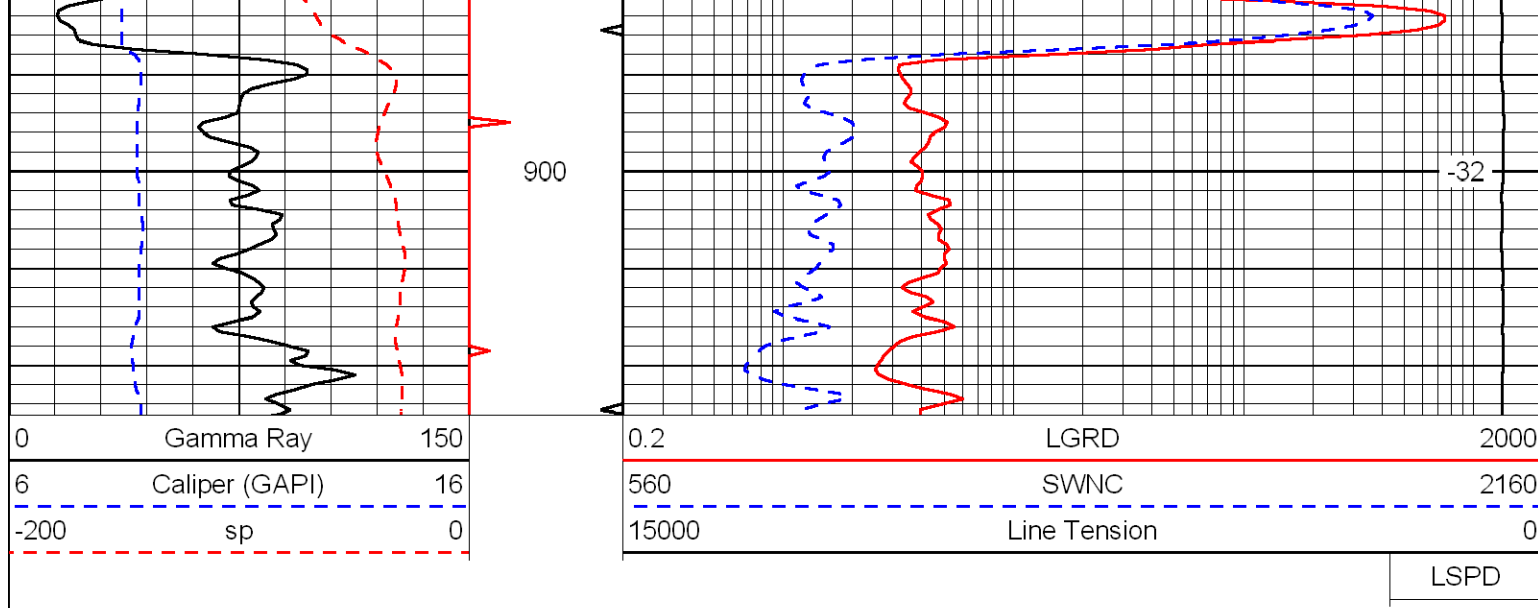


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-31



Database File: hupfer120811hd.db
 Dataset Pathname: rag/huprag
 Presentation Format: rag
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