



Pioneer Energy Services

Radiation Guard Log

15-051-26745-00-00

API No.

Company **Michael D Wellert Oil Company**

Well **Furthmeyer # 6**

Field **Irvin**

County **Ellis**

State

Kansas

Location

440' FNL & 2075' FWL

Other Services

Sec: **5**

Twp: **14 S**

Rge: **19 W**

Elevation

Ground Level **Elevation 2273**
Kelly Bushing **5 Ft. Above Perm. Datum**
Frontkelly Bushing

K.B. 2278
D.F. G.I.L. 2273

Date **12/23/2014**

Run Number **One**

Depth Driller **3935**

Depth Logger **3933**

Bottom Logged Interval **3932**

Top Log Interval **200**

Casing Driller **8.625 @ 220**

Casing Logger **217**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **10,000**

Density / Viscosity **9.4 46**

pH / Fluid Loss **9.5 10.0**

Source of Sample **Flowline**

Rm @ Meas. Temp **0.30 @ 50**

Rmf @ Meas. Temp **0.23 @ 50**

Rmc @ Meas. Temp **0.41 @ 50**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.13 @ 115**

Operating Rig Time **4 Hours**

Max Rec. Temp. F **115**

Equipment Number **15**

Location **Hays**

Recorded By **Y. Ruiz**

Witnessed By **Roger Moses**

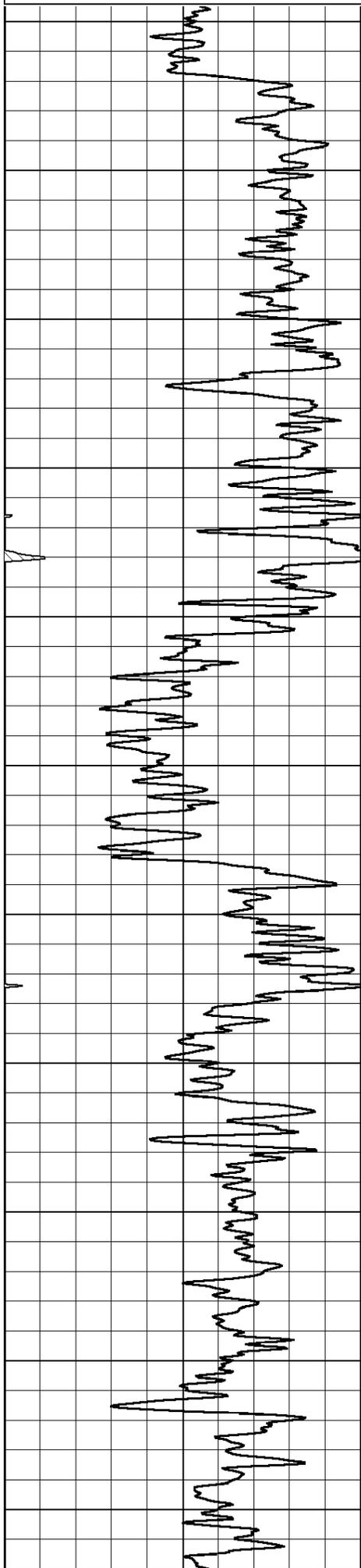
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.

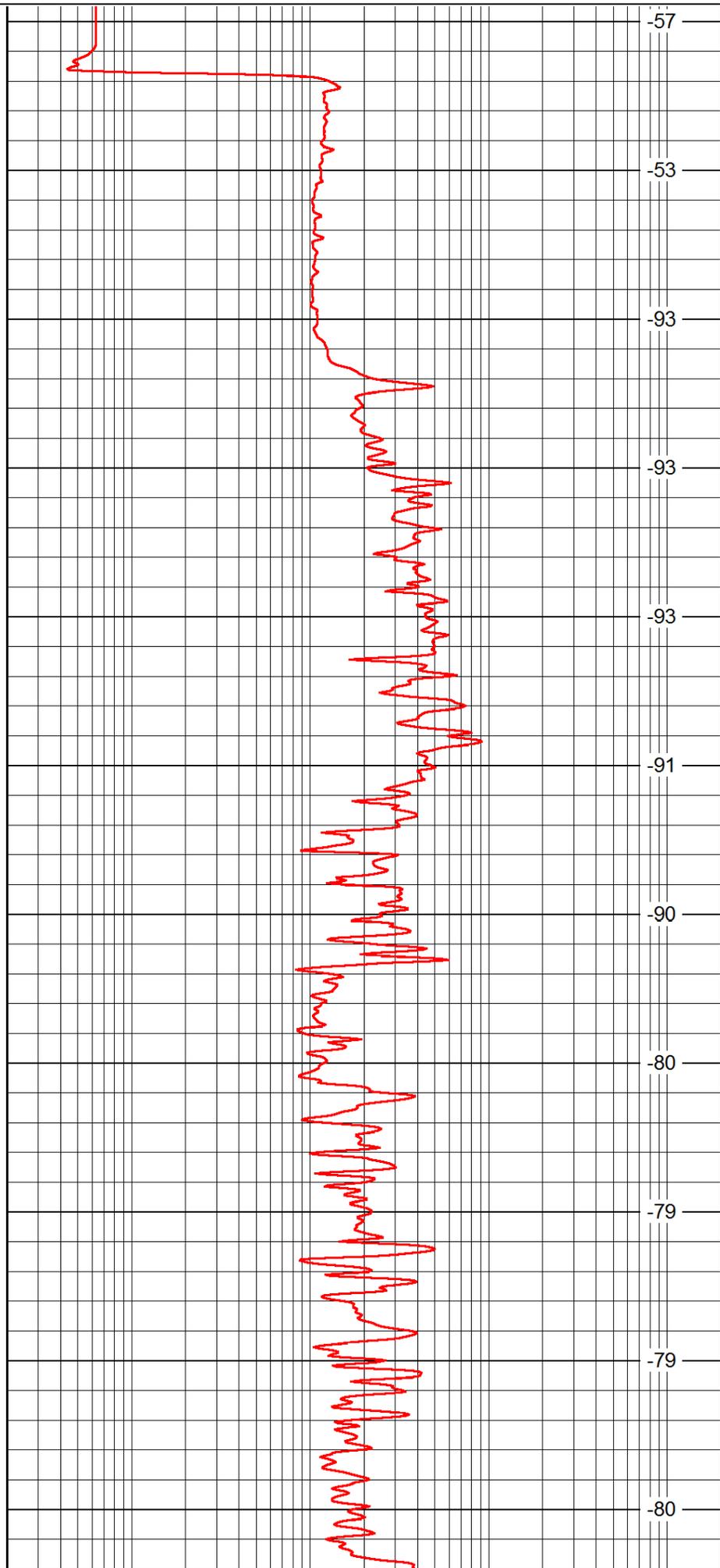
Comments

Thank you for using Pioneer Energy Services
www.pioneeres.com
 785 625 3858
 Yocemento,
 South on Yocemento Ave to Victoria Rd, 1 3/4 West,
 South into

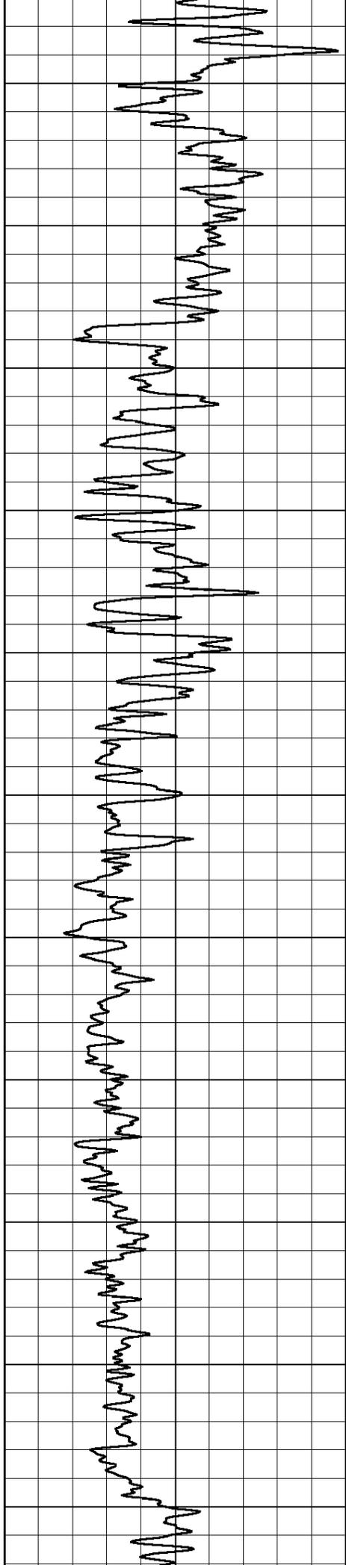
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 Dataset Creation: Tue Dec 23 14:25:34 2014
 Charted by: Depth in Feet scaled 1:600



200
250
300
350
400
450
500
550
600
650
700



-57
-53
-93
-93
-93
-91
-90
-80
-79
-79
-80



750

800

850

900

950

1000

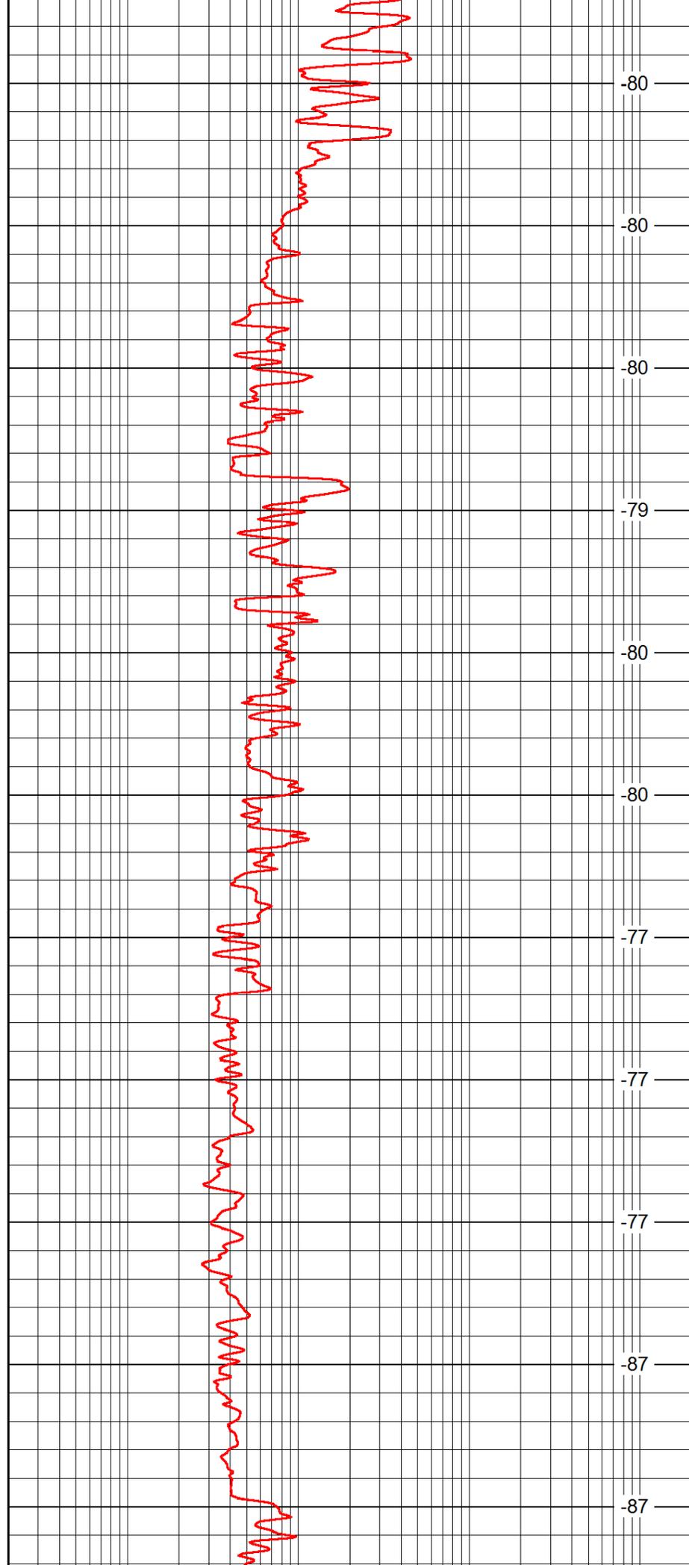
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1100

1150

1200

1250



-80

-80

-80

-79

-80

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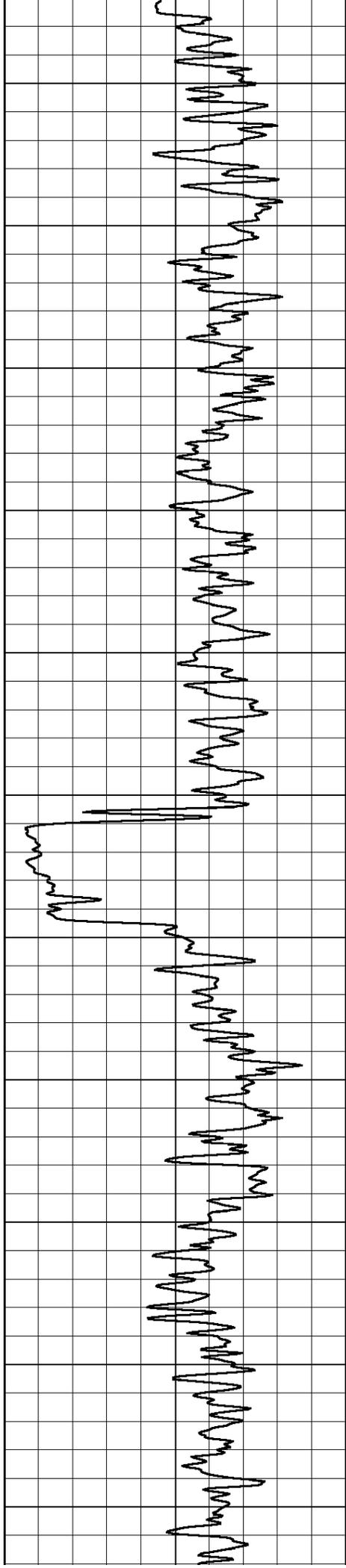
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-77

-77

-87

-87



1300

1350

1400

1450

1500

1550

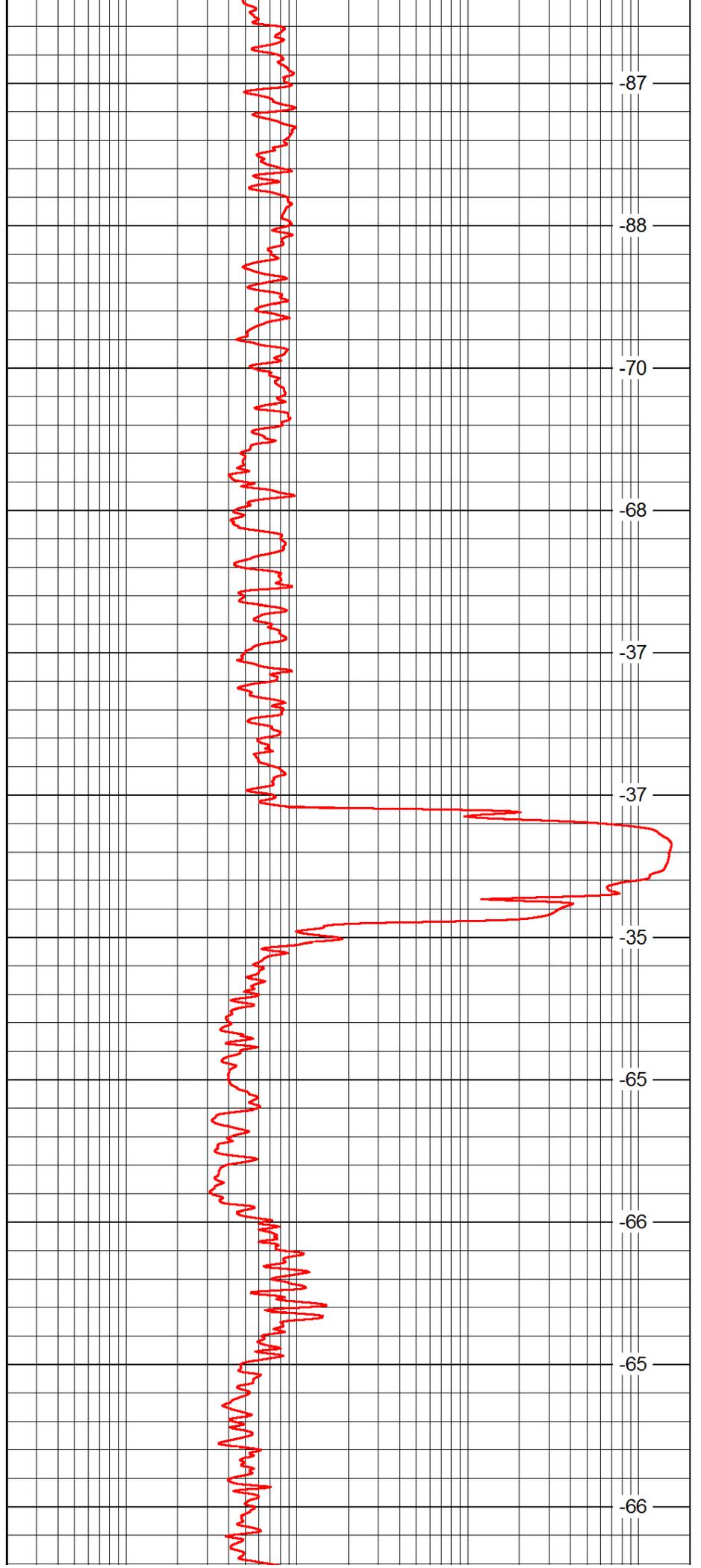
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1650

1700

1750

1800



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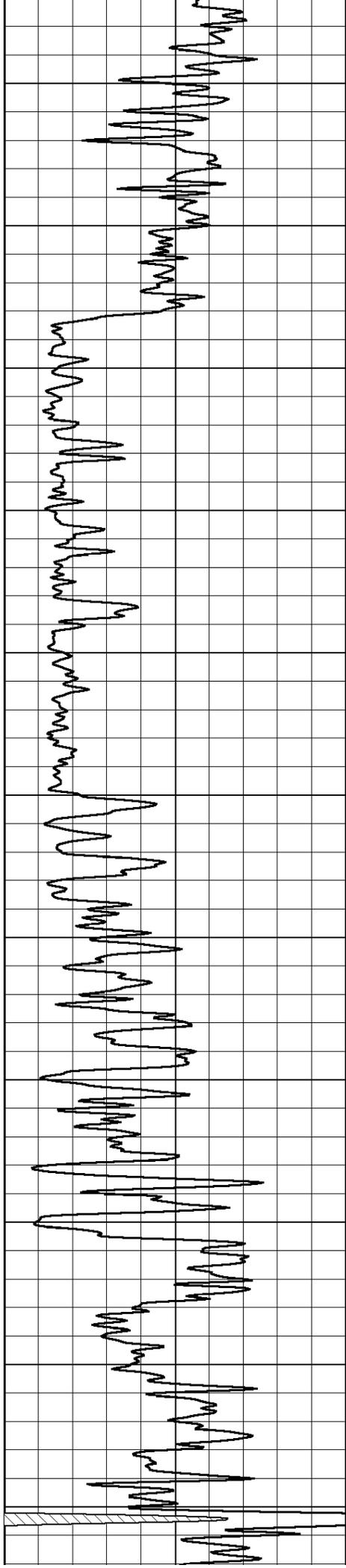
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-66

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1850

1900

1950

2000

2050

2100

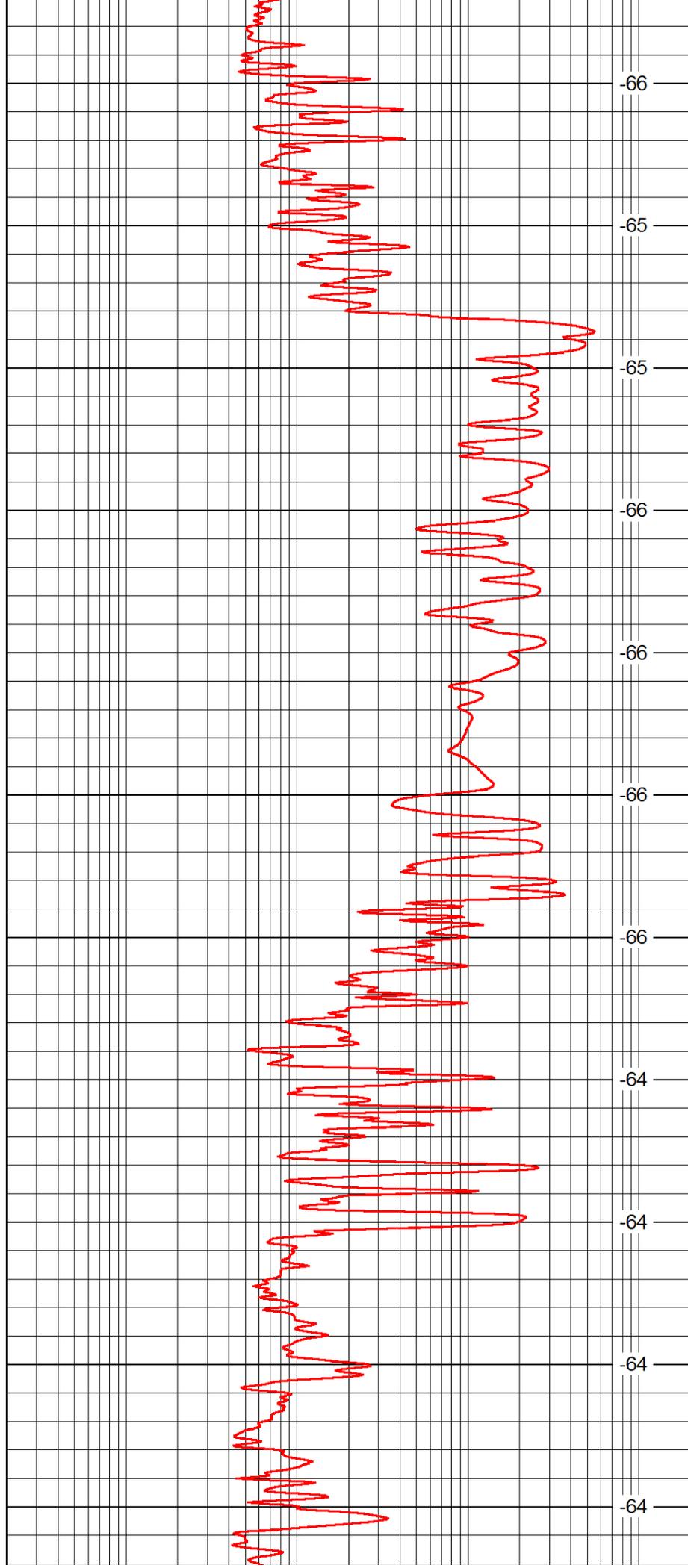
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2250

2300

2350



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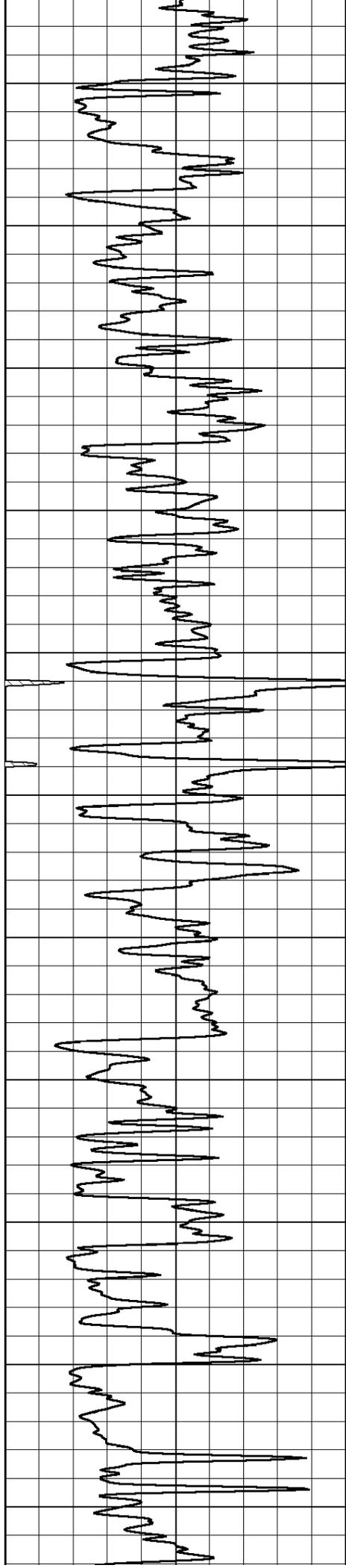
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2550

2600

2650

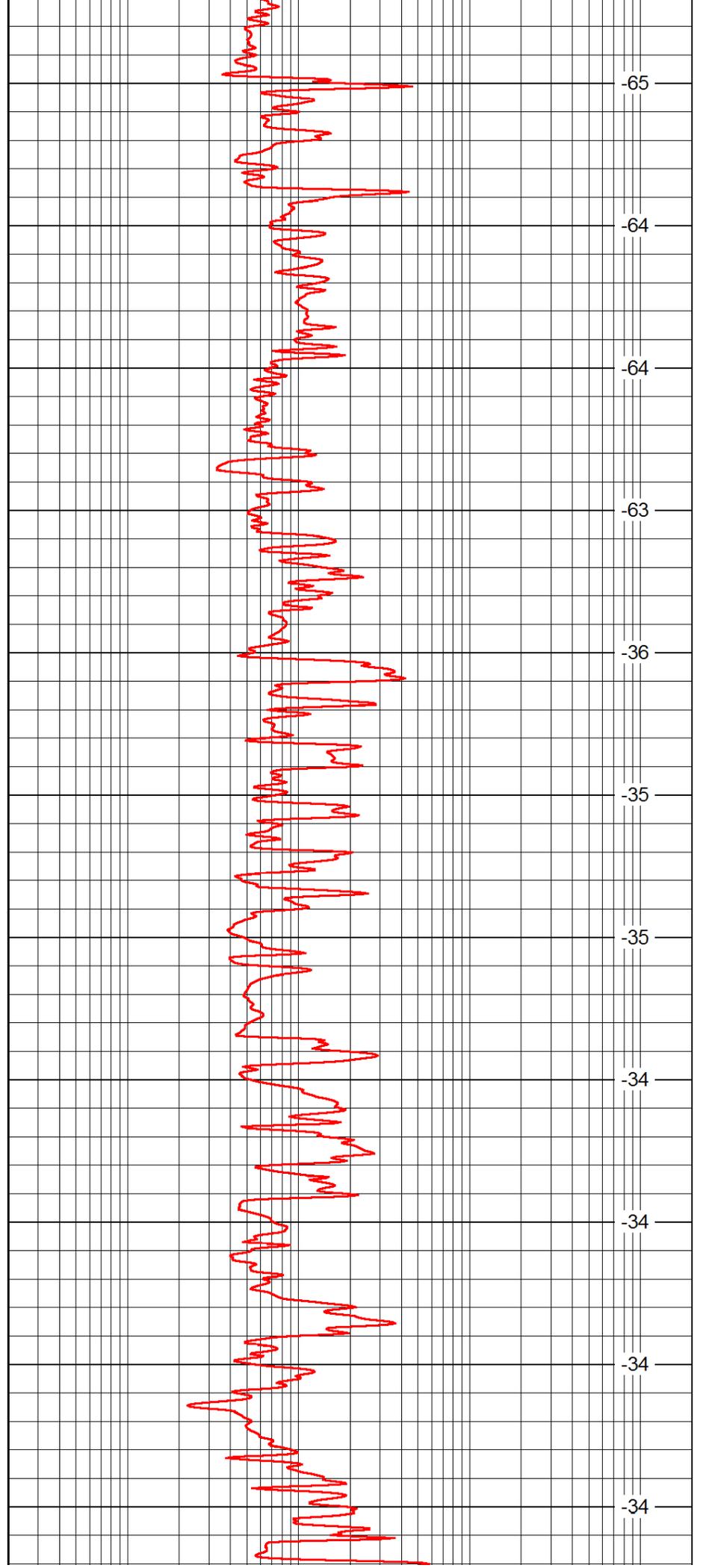
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2900



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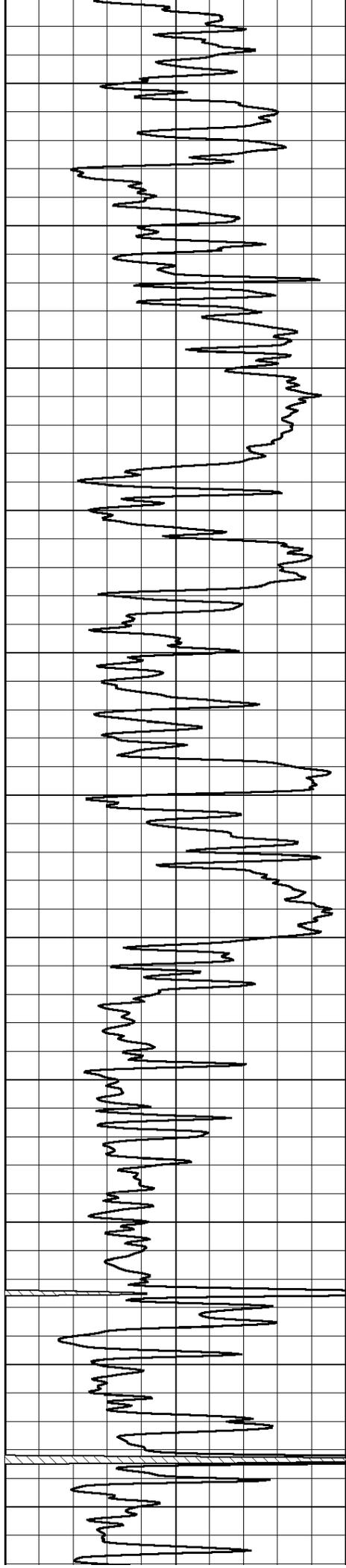
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2950

3000

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3100

3150

3200

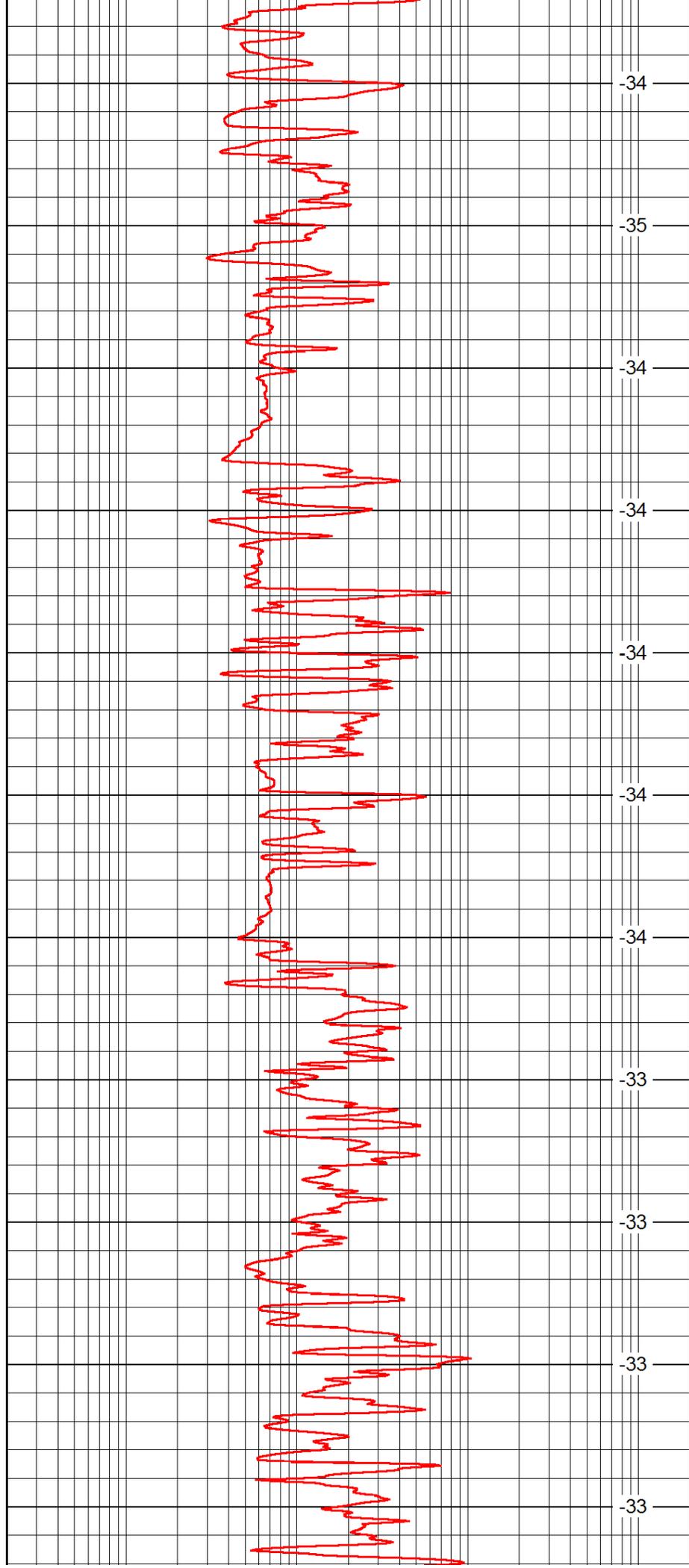
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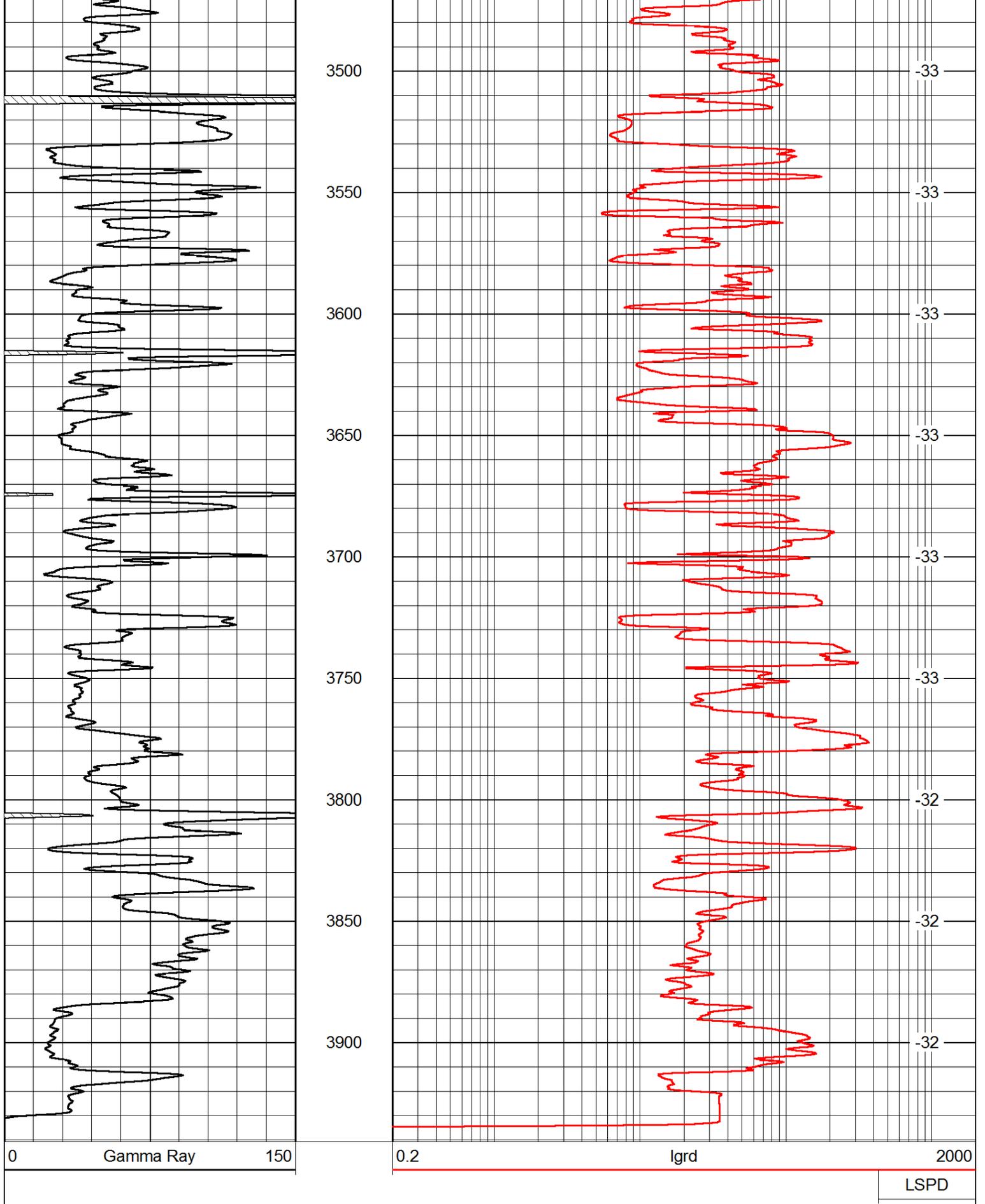
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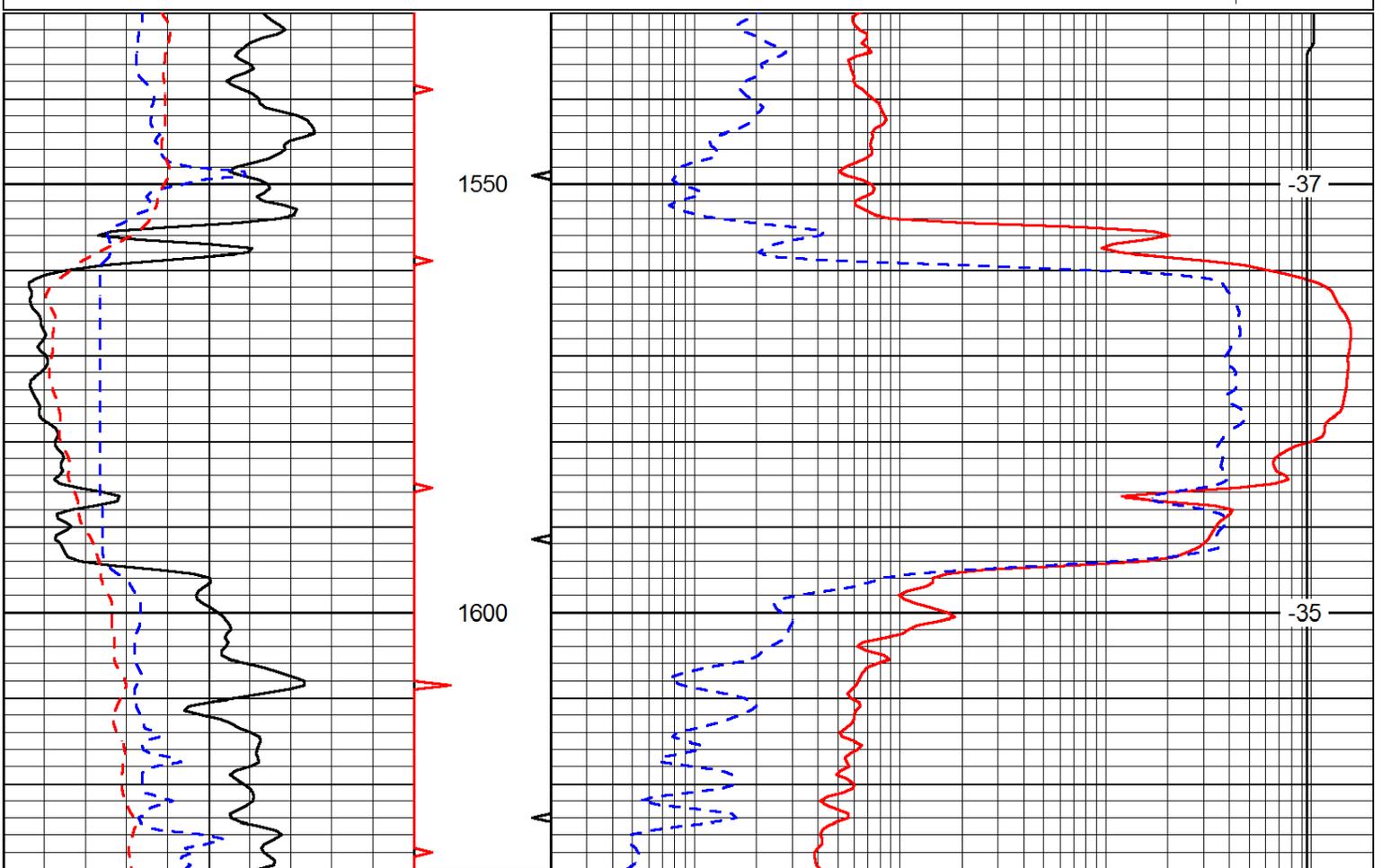


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 Dataset Creation: Tue Dec 23 14:25:34 2014
 Created by: Depth in Feet scaled 1:240

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6	Caliper (GAPI)	16
-200	SP (mV)	0

0.2	Long Guard	2000
560	Neuton	2160
15000	Line Tension	0

LSPD



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-200	SP (mV)	0

0.2	Long Guard	2000
560	Neuton	2160
15000	Line Tension	0

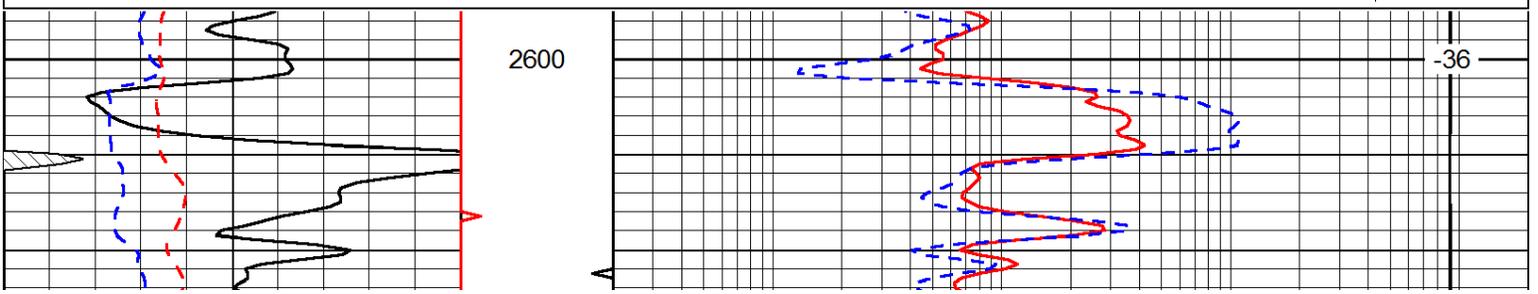
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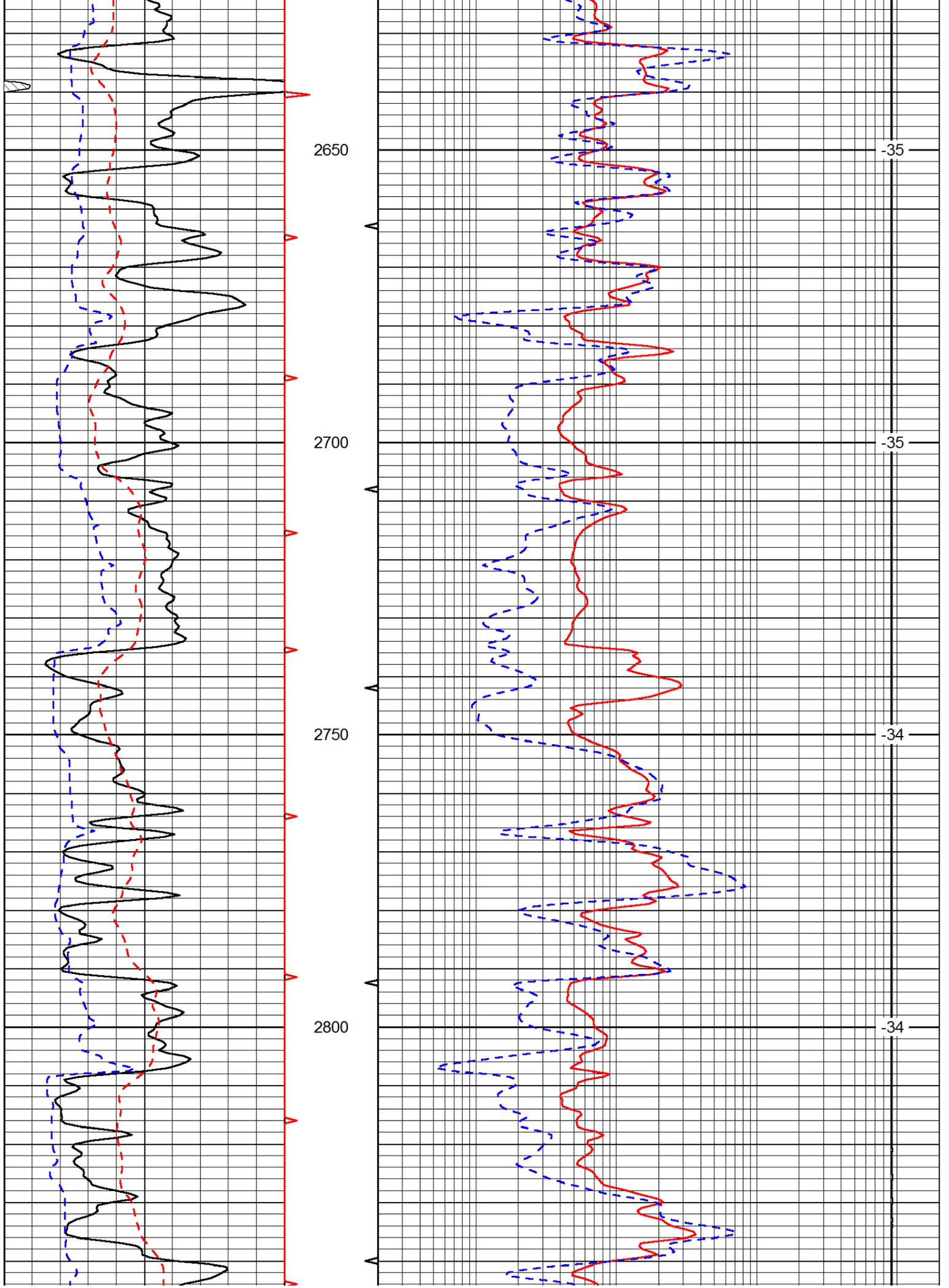
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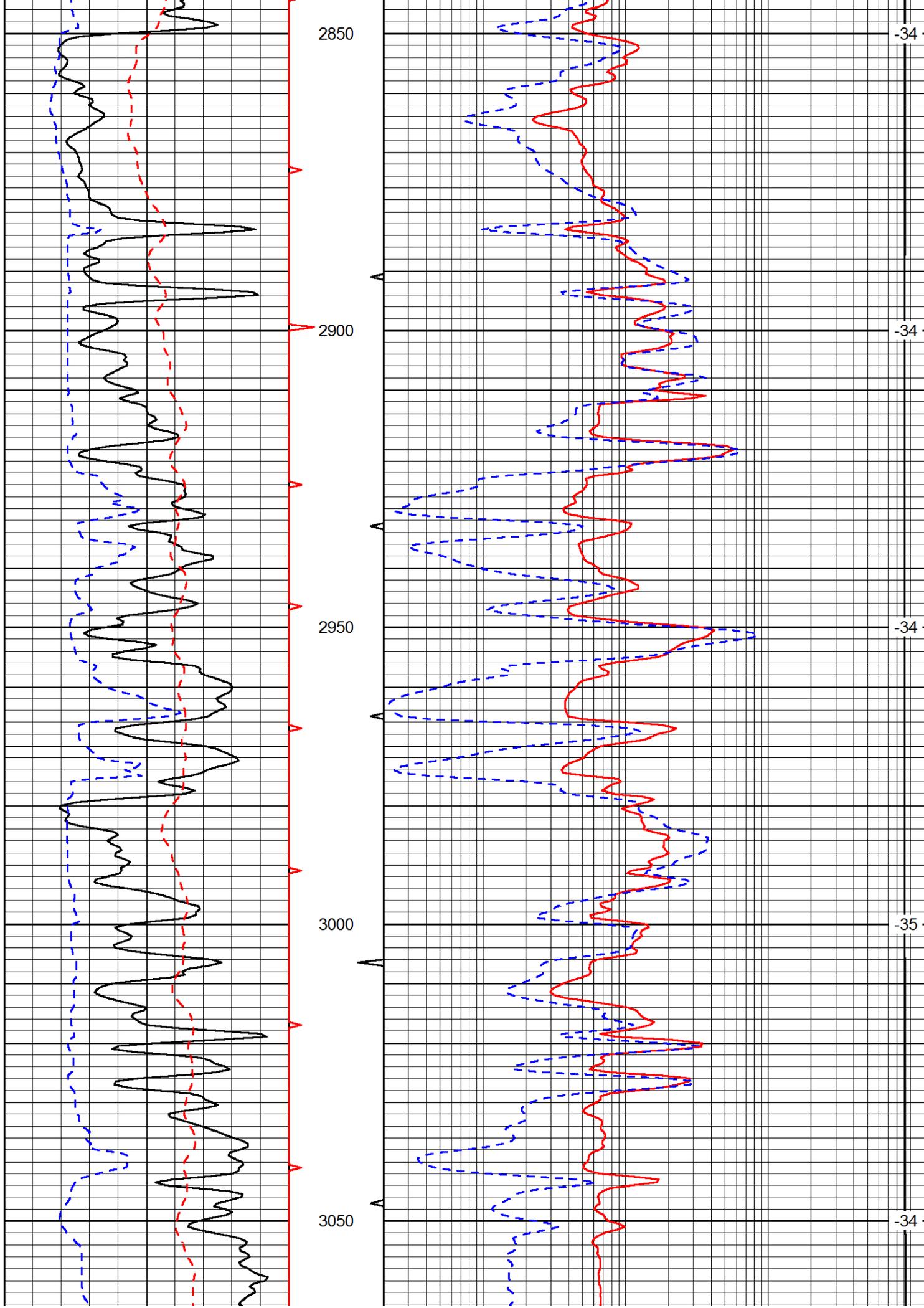
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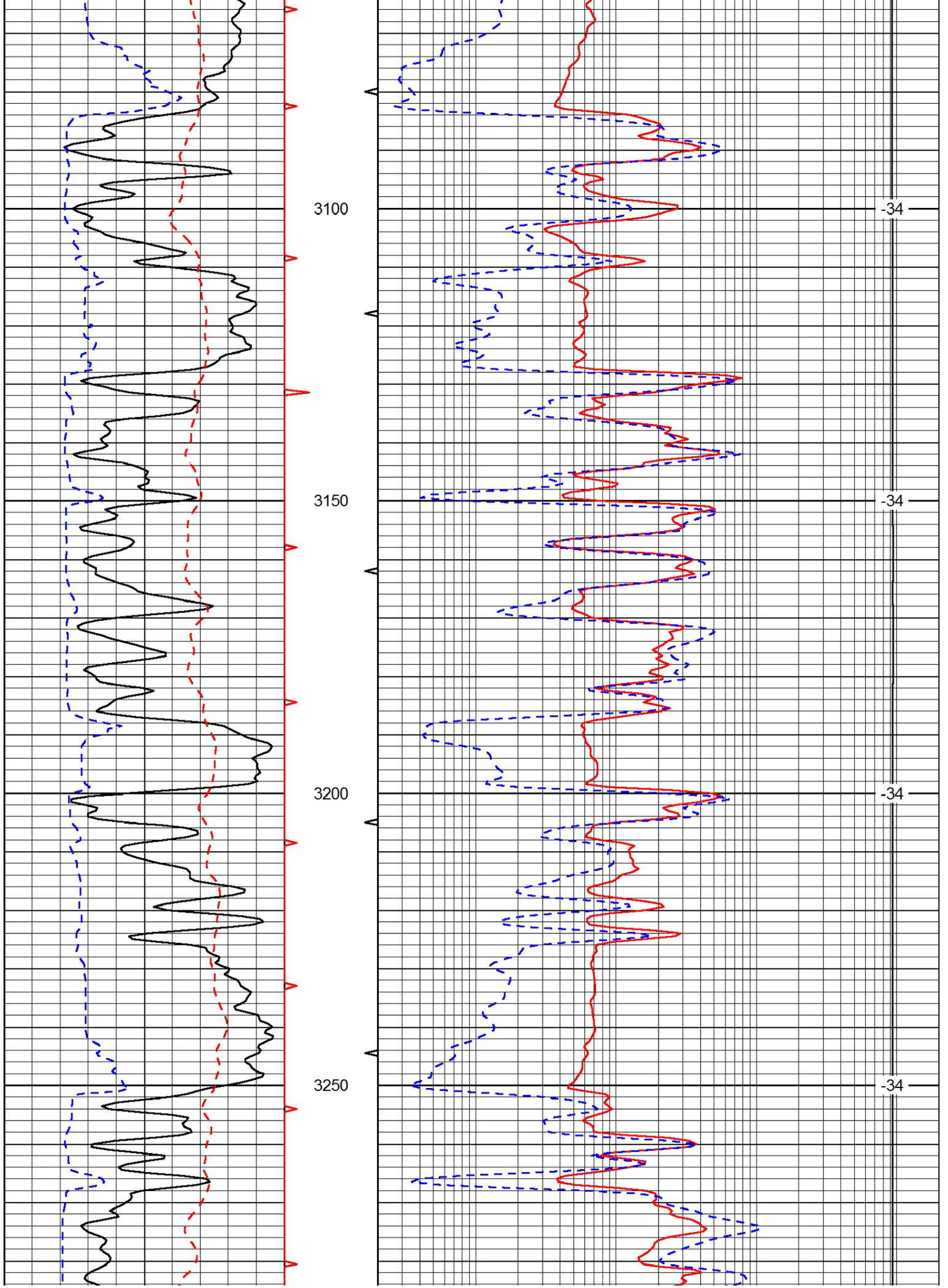
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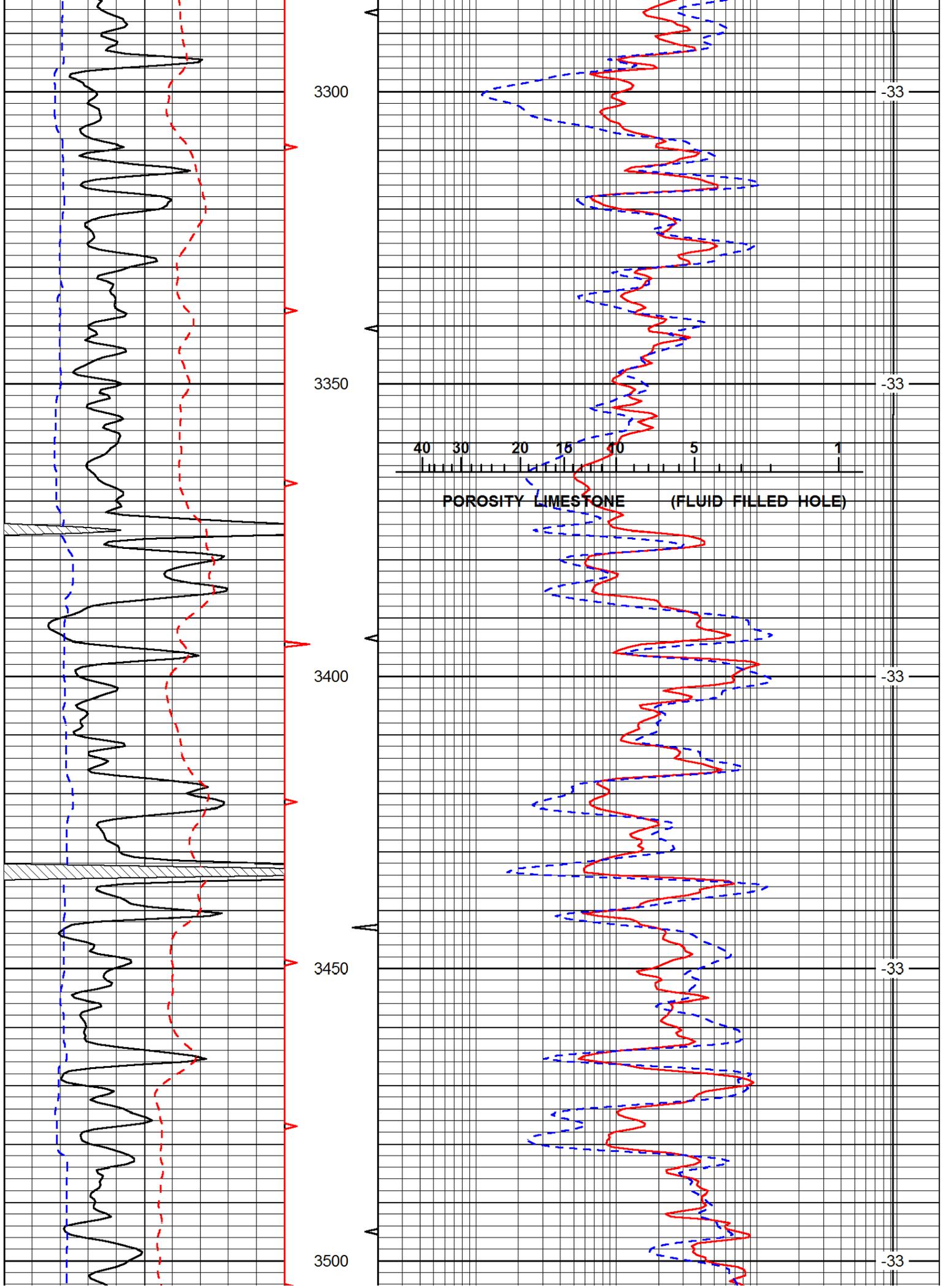
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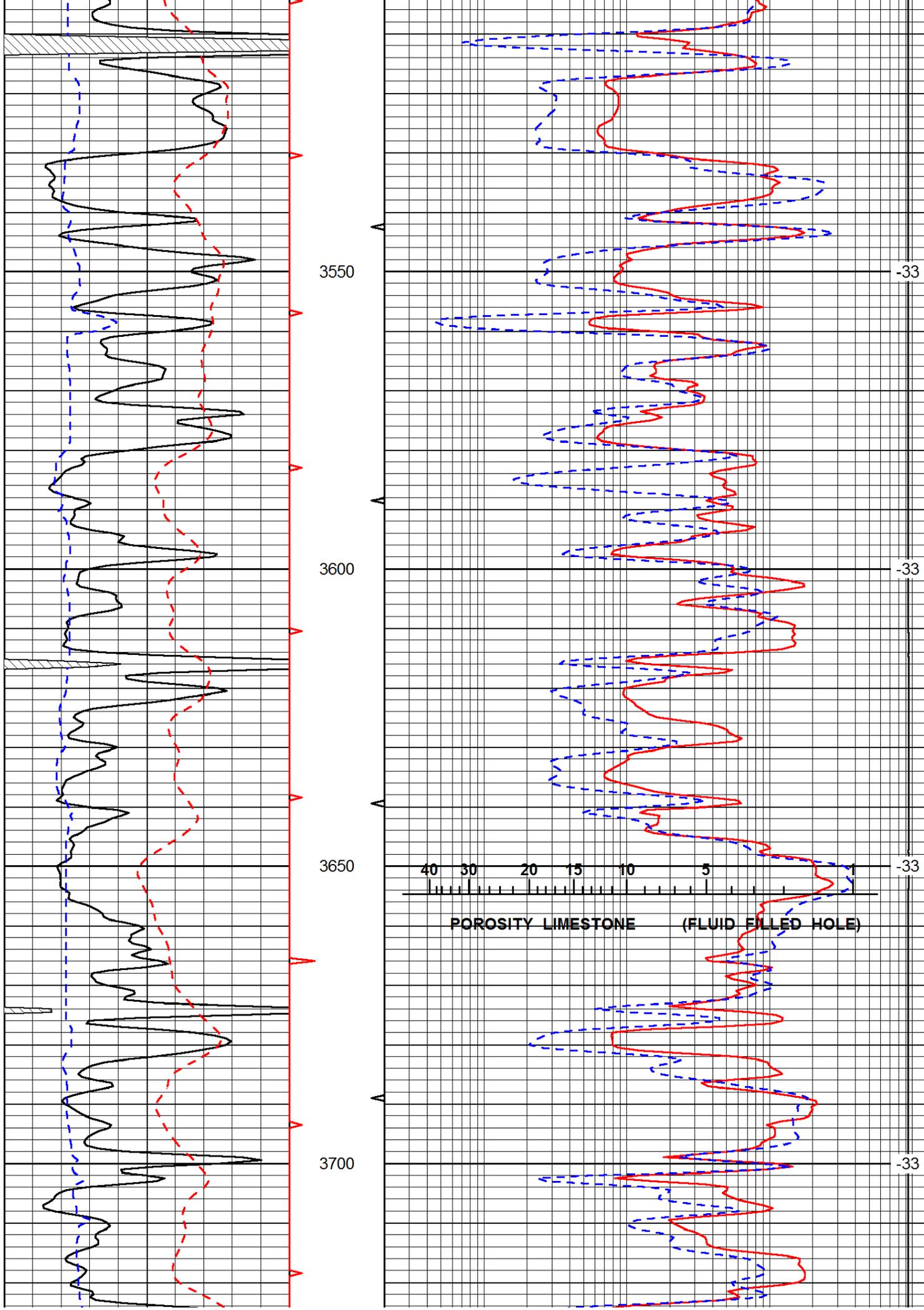


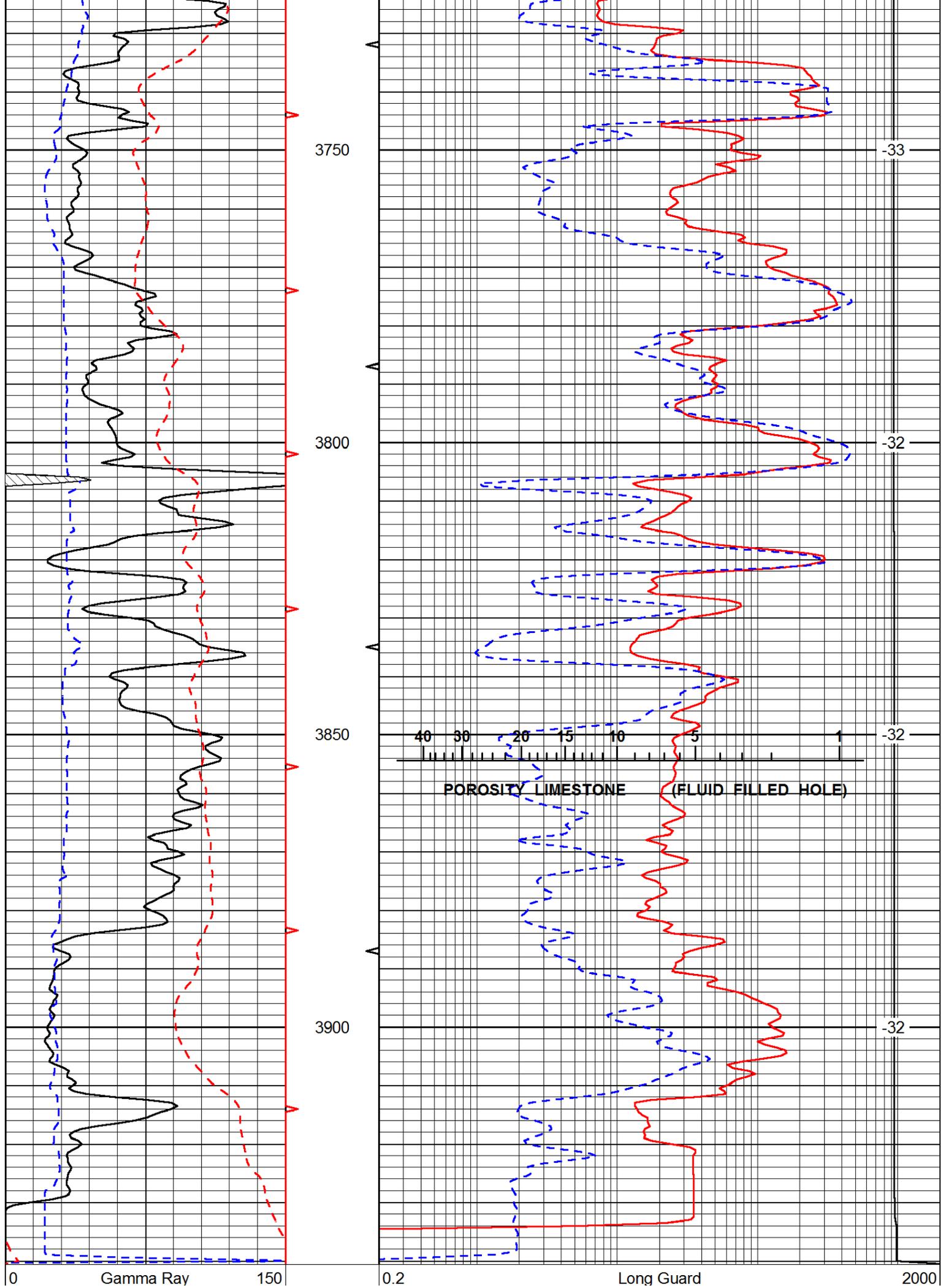












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560	Neuton	2160
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LSPD