



Pioneer Energy Services

Radiation Guard Log

15-153-20984-00-00

API No.

Company **Berexco, LLC**
 Well **Michael #1-23**
 Field **East Fork**
 County **Rawlins** State **Kansas**

Location **990' FNL & 330' FWL**

Sec: **23** Twp: **1S** Rge: **36W**

Other Services
MEL

Permanent Datum **Ground Level** Elevation **3271**
 Log Measured From **Kelly Bushing** **13 Ft. Above Perm. Datum**
 Drilling Measured From **Kelly Bushing**

Elevation
K.B. 3284
D.F. 3271
G.L. 3271

Date	2/19/2014	
Run Number	One	
Depth Driller	4520	
Depth Logger	4515	
Bottom Logged Interval	4514	
Top Log Interval	300	
Casing Driller	8.625 @ 310	
Casing Logger	310	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	900	
Density / Viscosity	9.6 43	
pH / Fluid Loss	10.5 6.0	
Source of Sample	Flowline	
Rm @ Meas. Temp	0.71 @ 55	
Rmf @ Meas. Temp	0.53 @ 55	
Rmc @ Meas. Temp	0.96 @ 55	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.32 @ 123	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	123	
Equipment Number	91	
Location	Hays	
Recorded By	D. Schmidt	
Witnessed By	Pete Vollmer	

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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

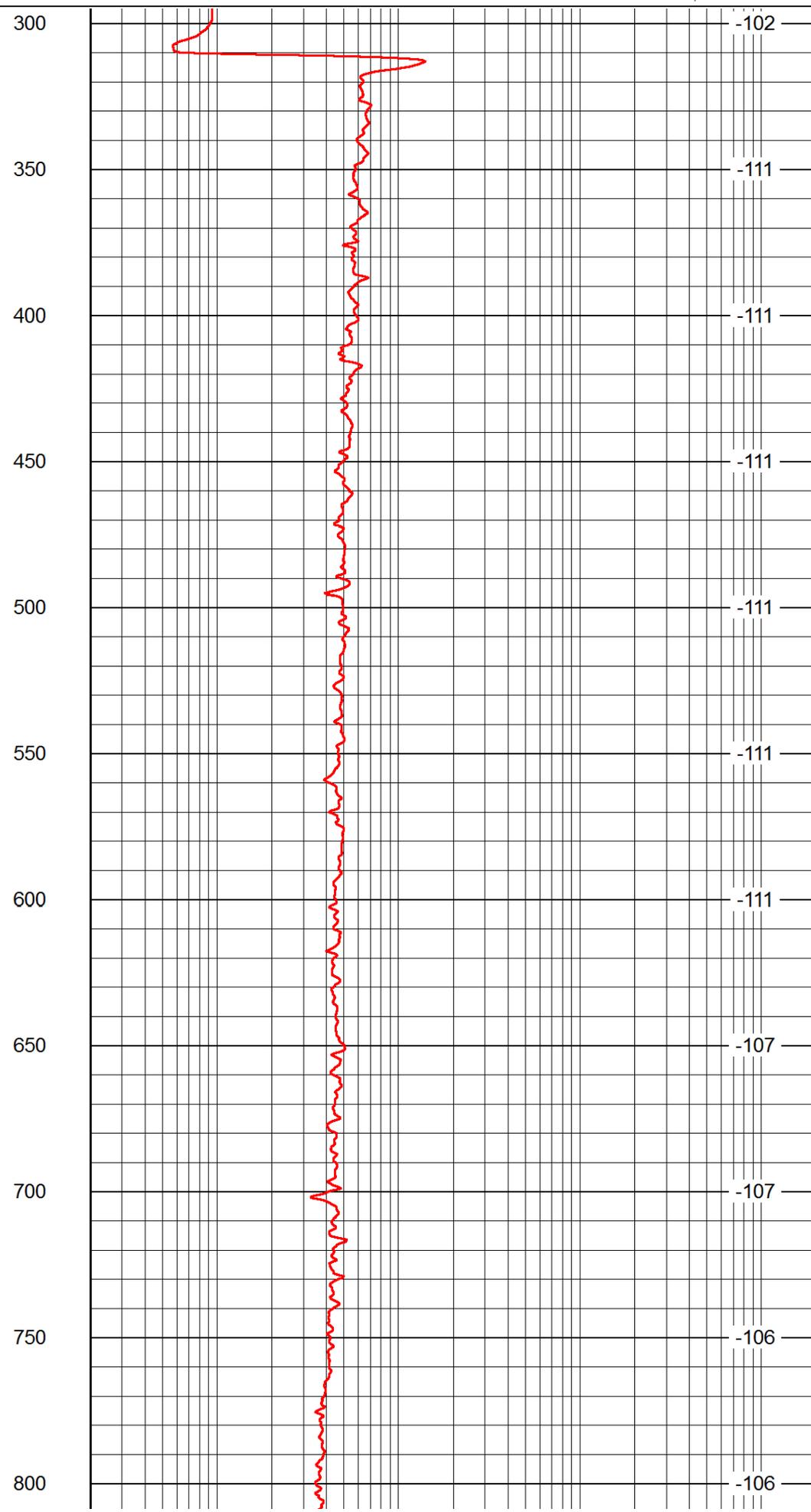
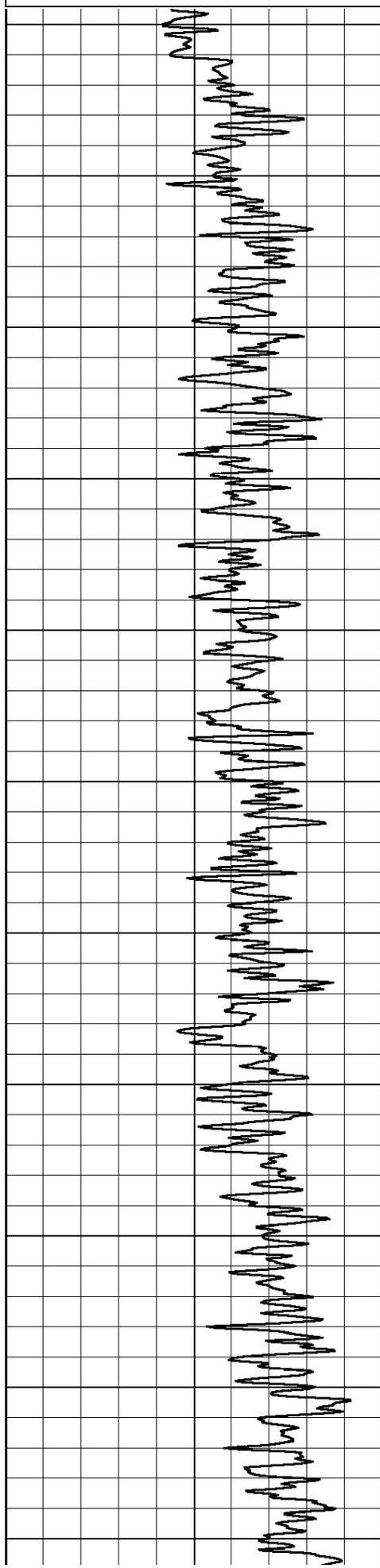
Thank you for using Pioneer Energy Services
www.pioneerenergy.com
 785 625 3858
 Beardsley,
 North to AA Rd, West to 5.5 Rd, North to BB Rd,
 1/2 West and South into

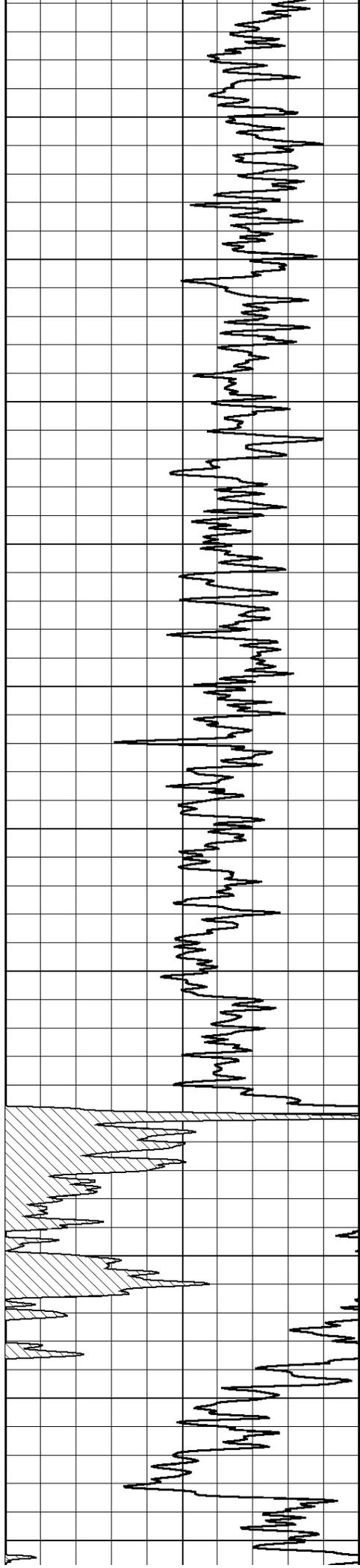
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0 Gamma Ray 150

0.2 lgrd 2000

LSPD





850

900

950

1000

1050

1100

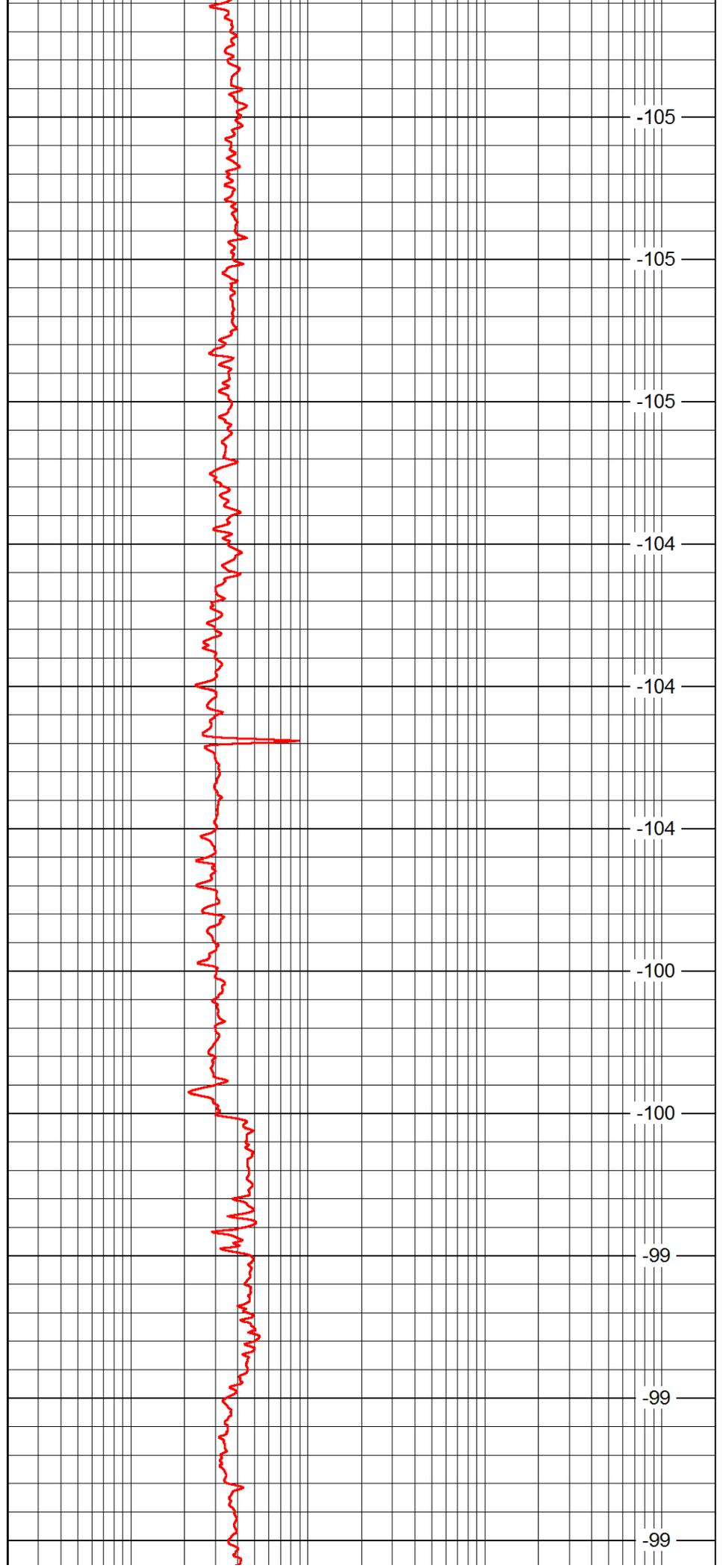
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1200

1250

1300

1350



-105

-105

-105

-104

-104

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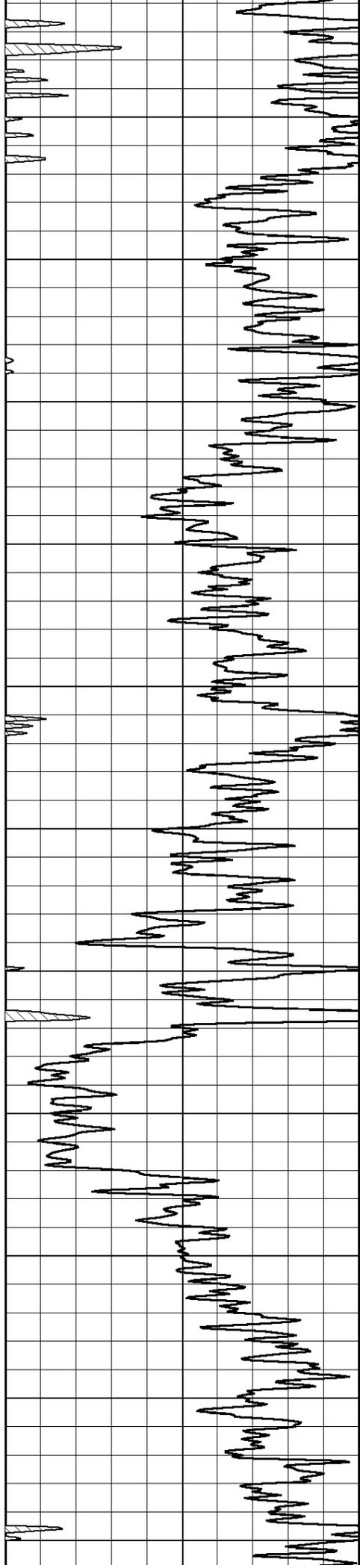
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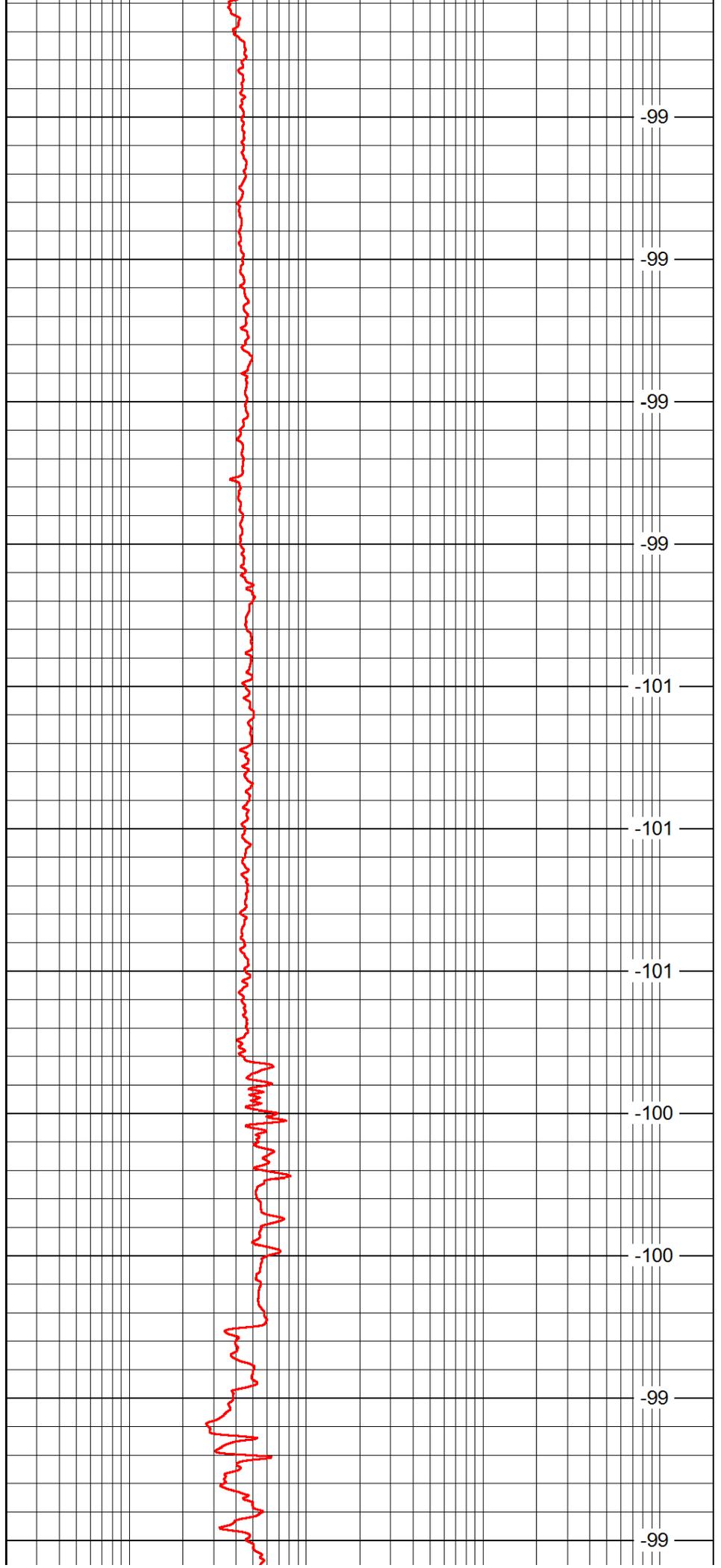
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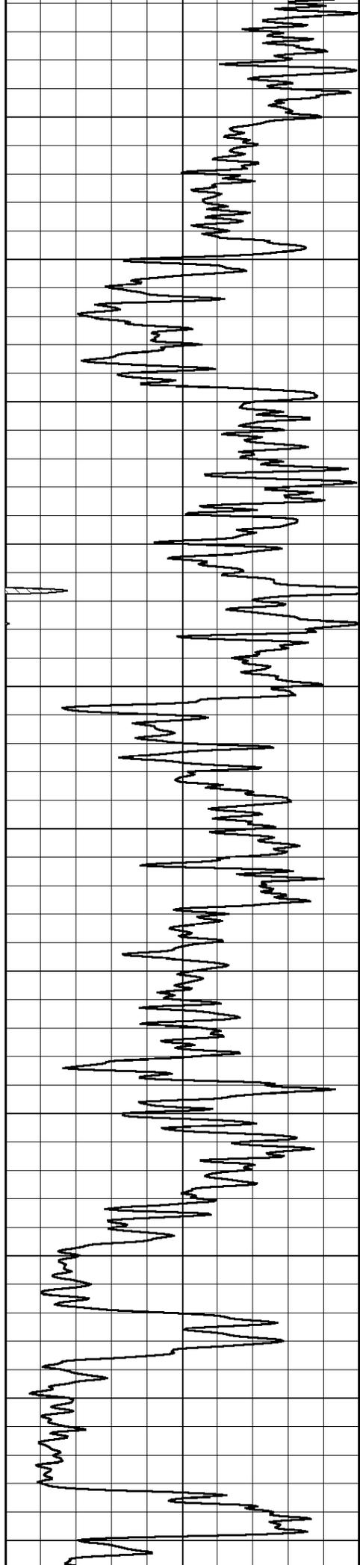
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1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900



-99
-99
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2000

2050

2100

2150

2200

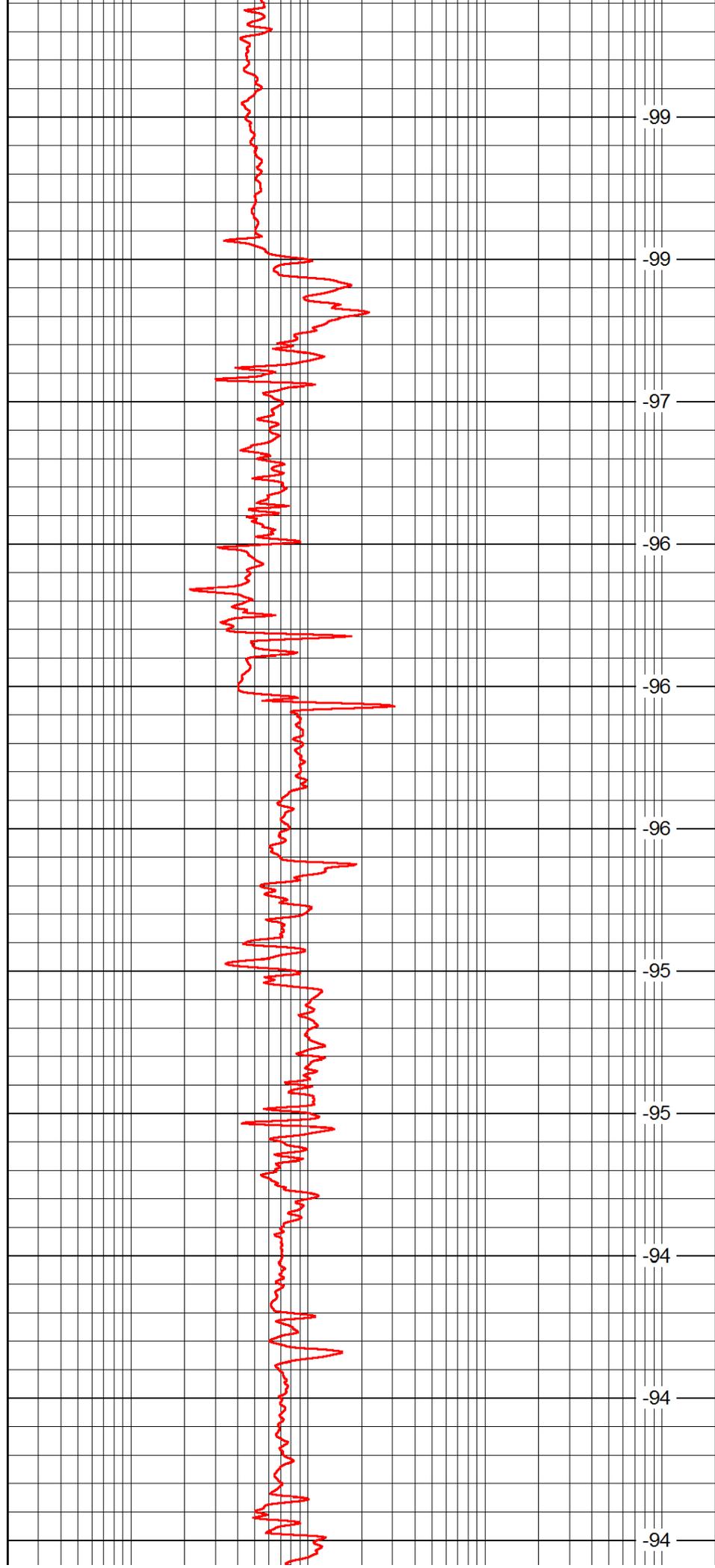
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2350

2400

2450



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-99

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-96

-96

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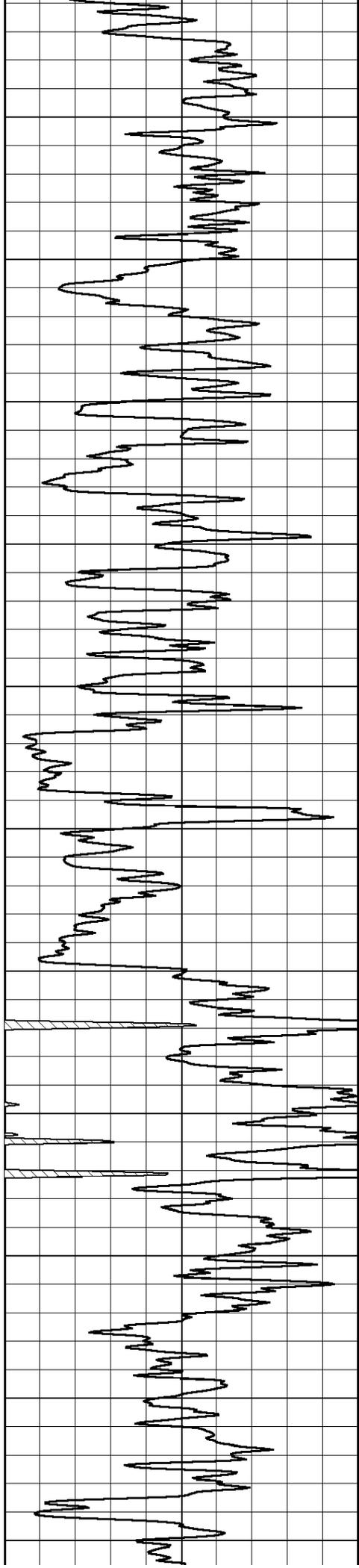
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2650

2700

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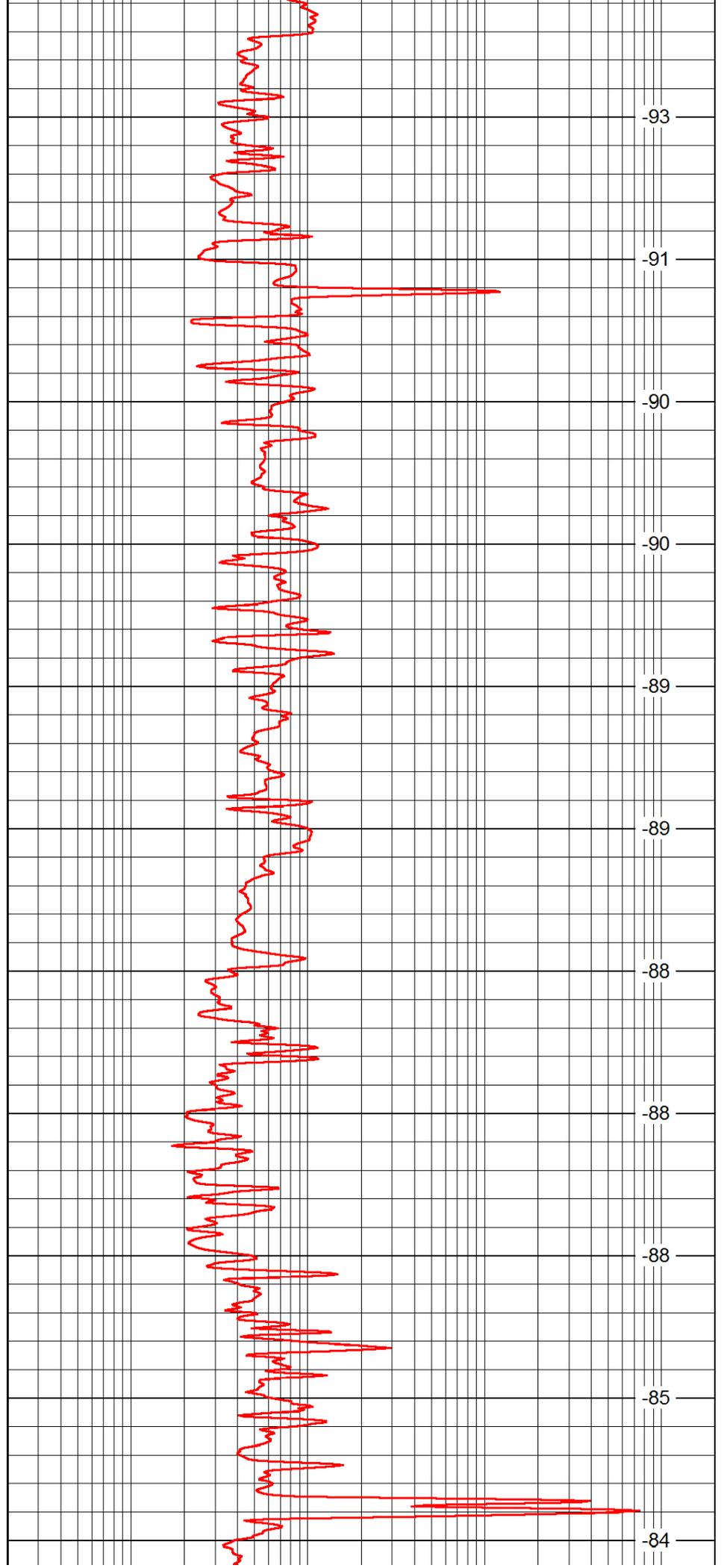
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-90

-89

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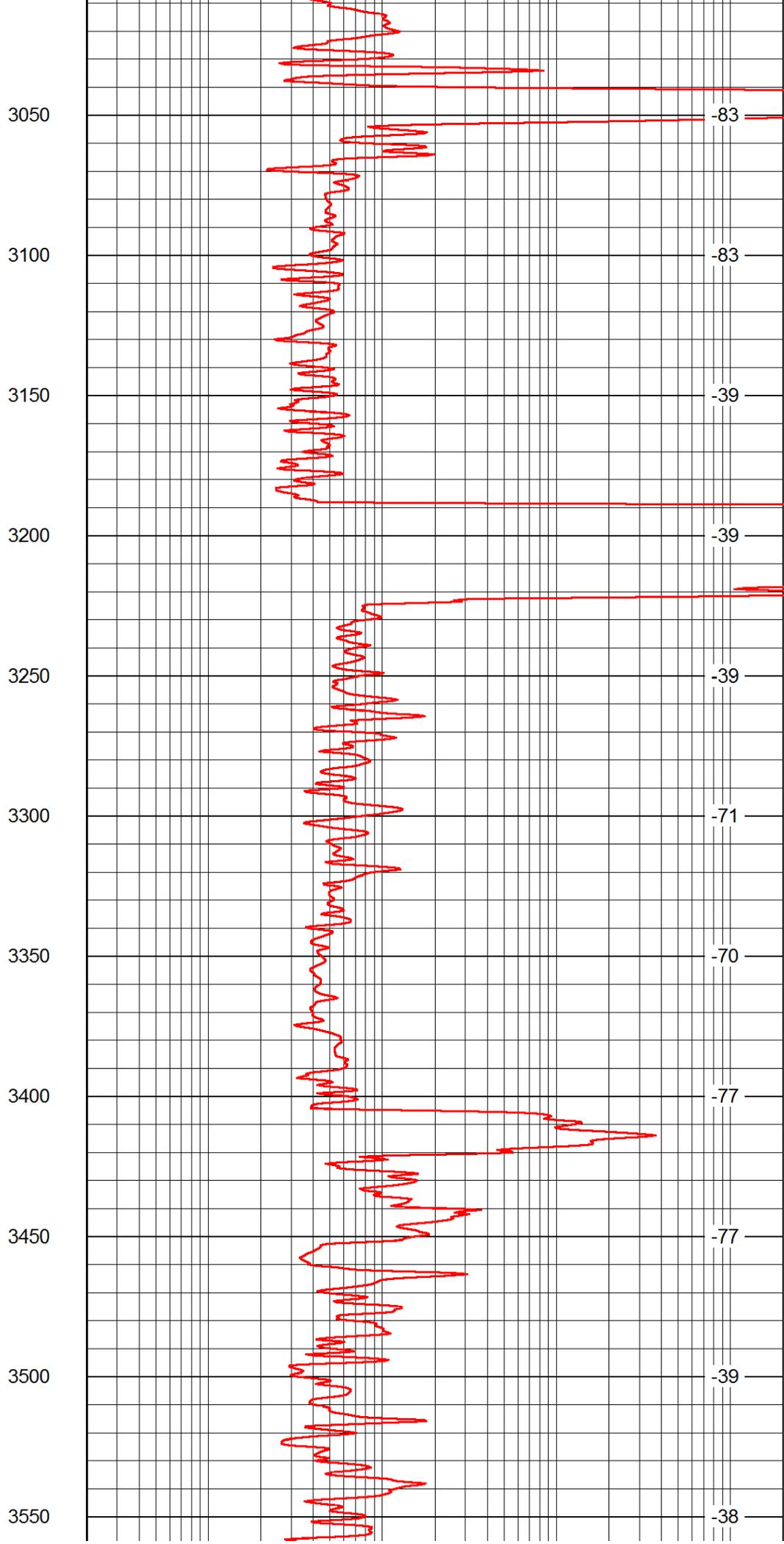
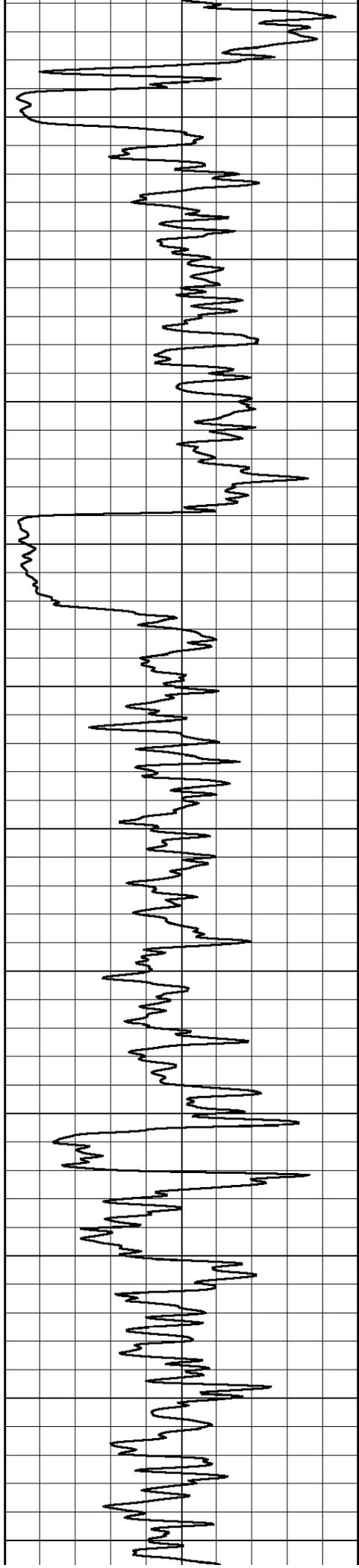
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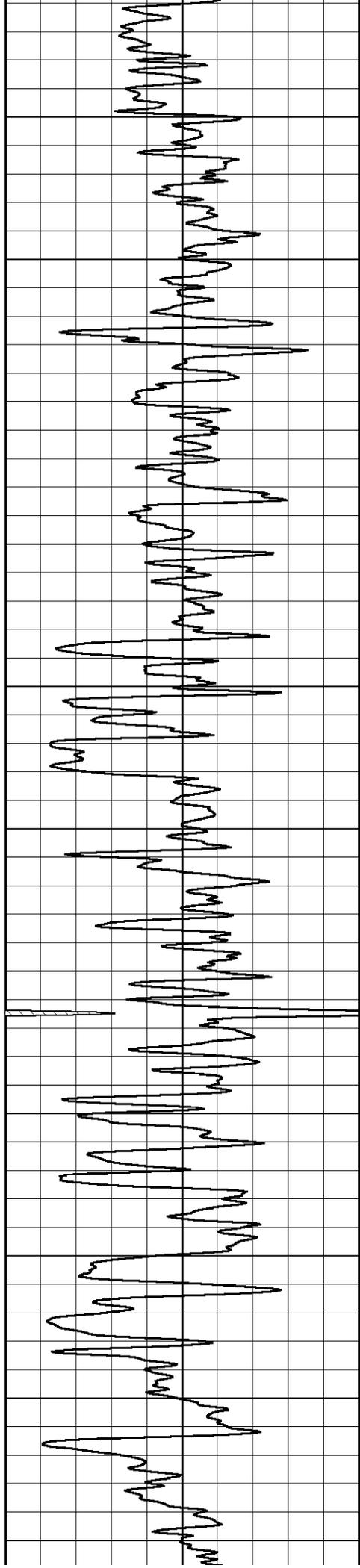
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3700

3750

3800

3850

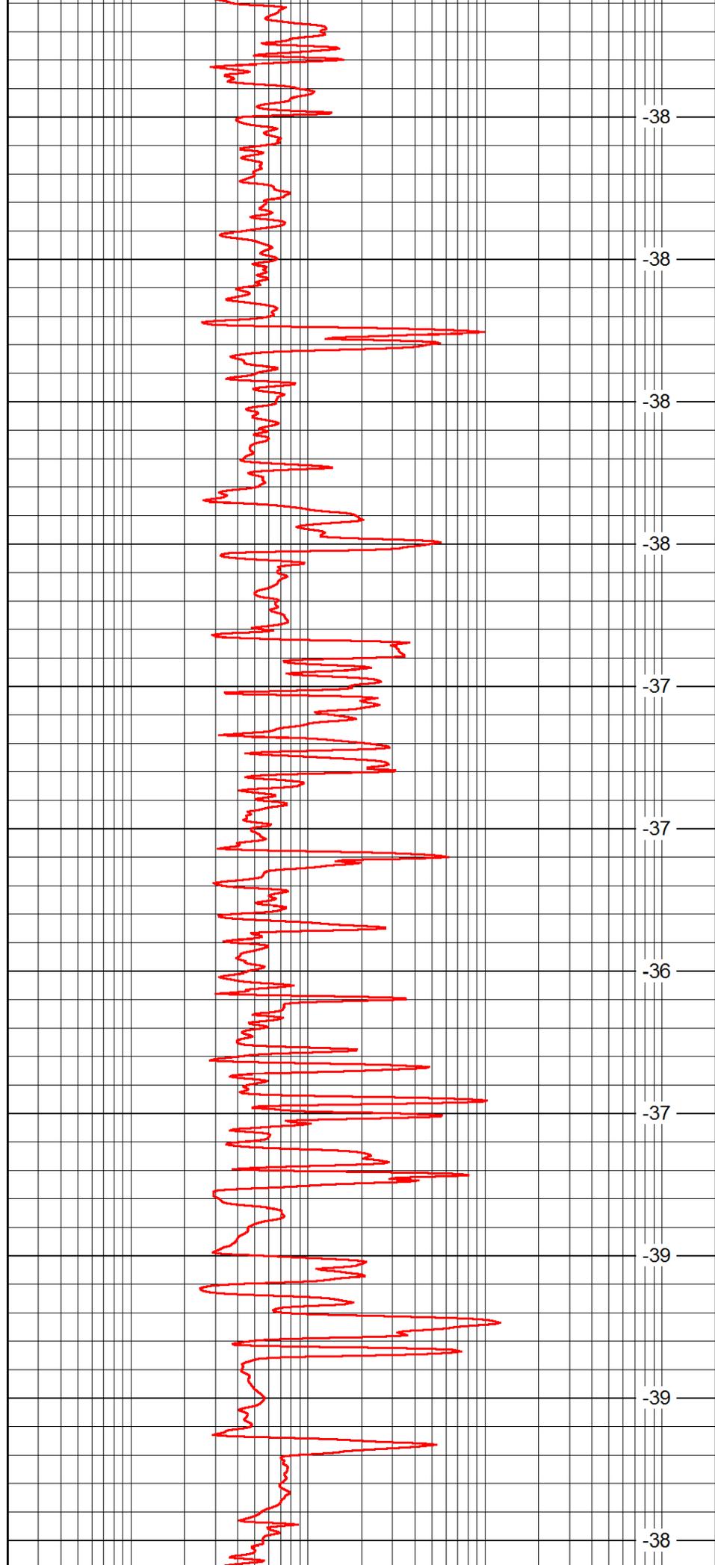
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4050

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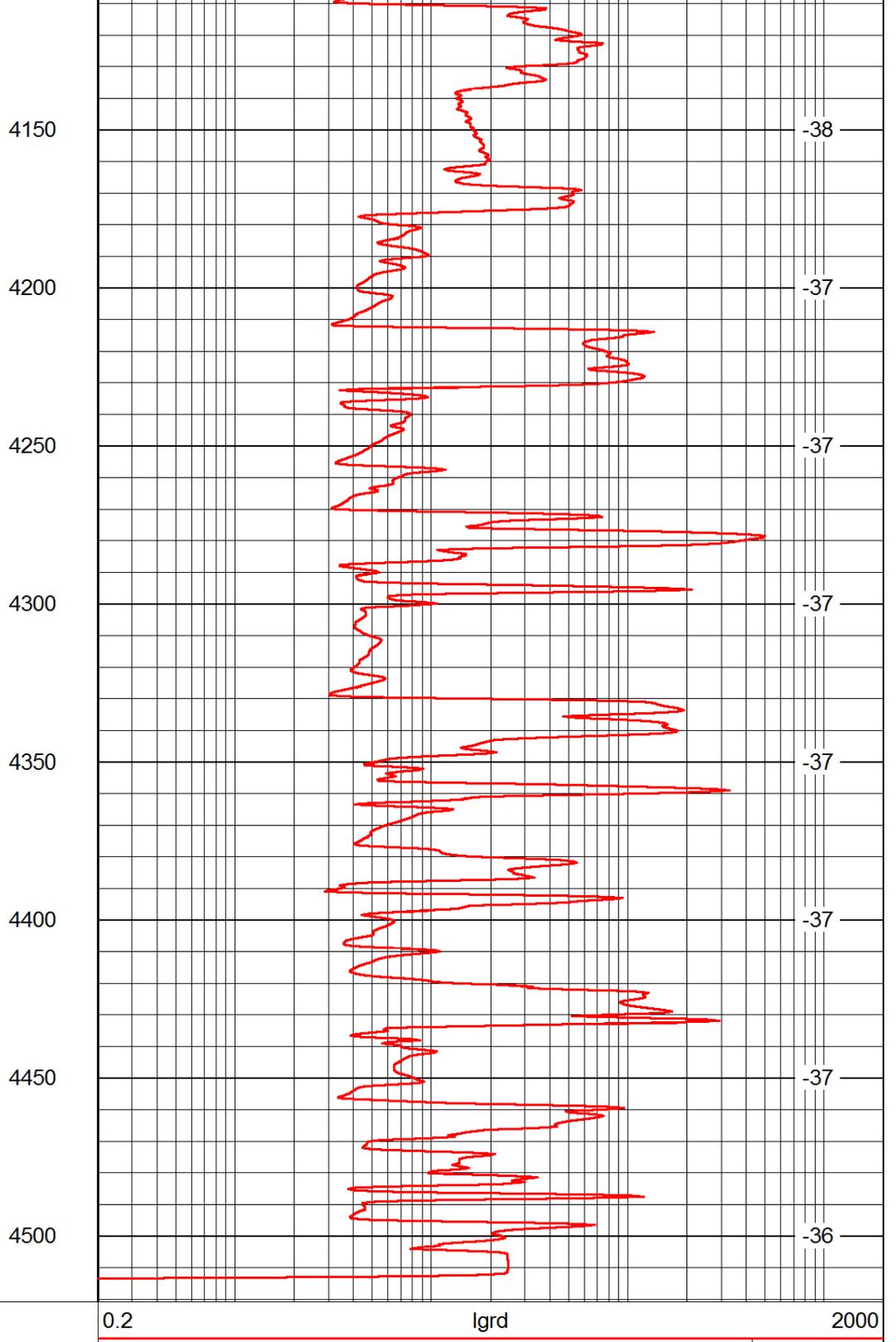
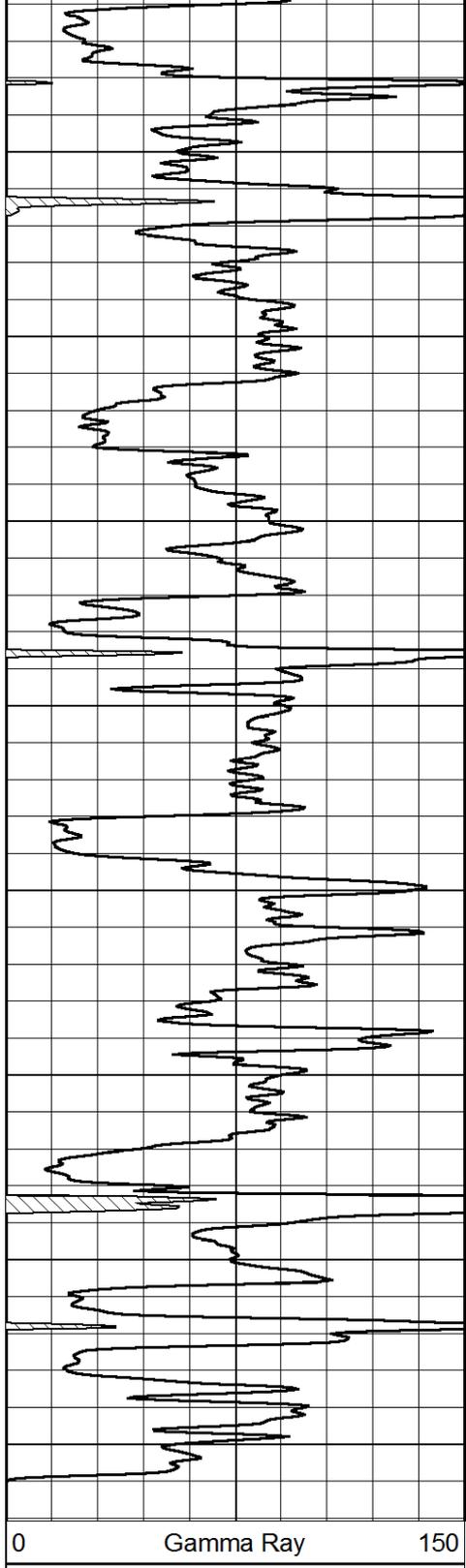
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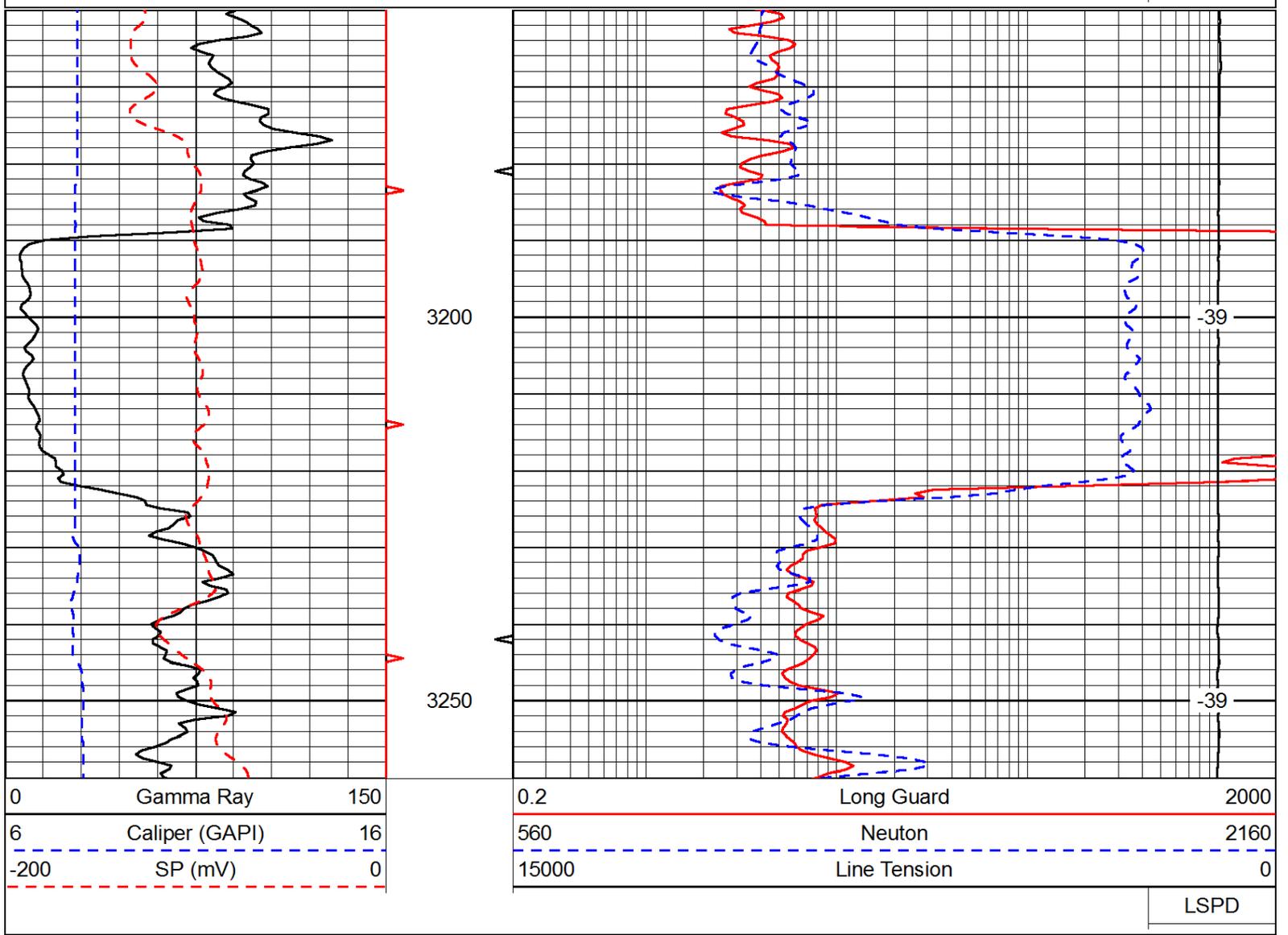
LSPD

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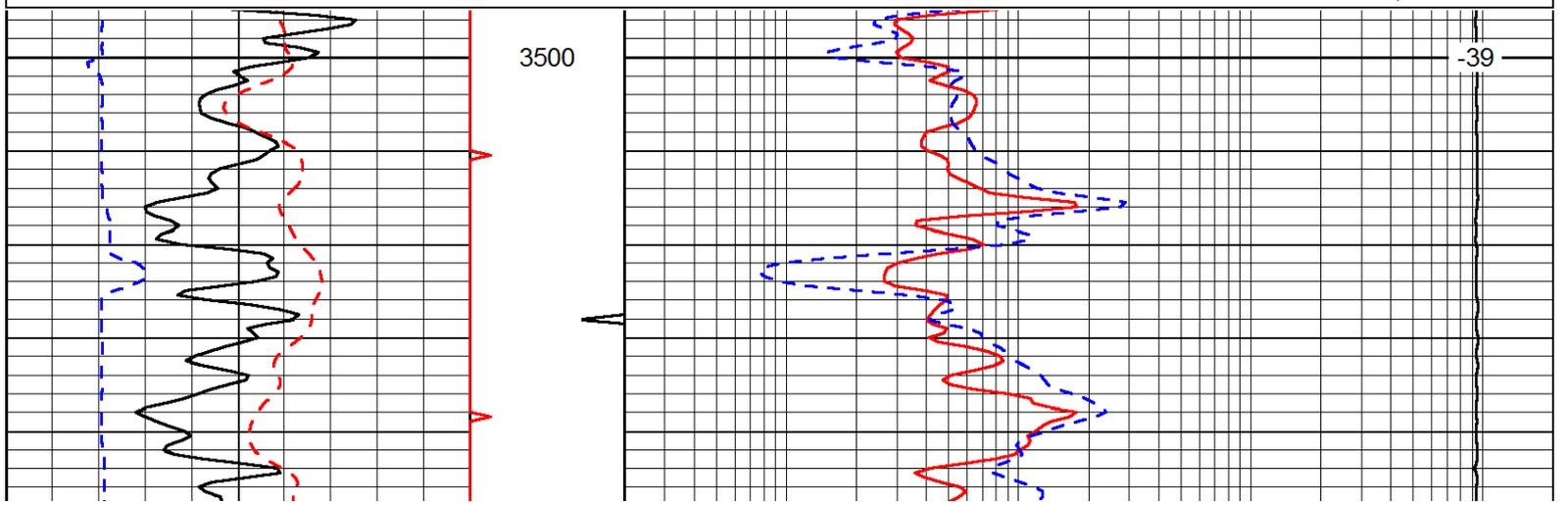
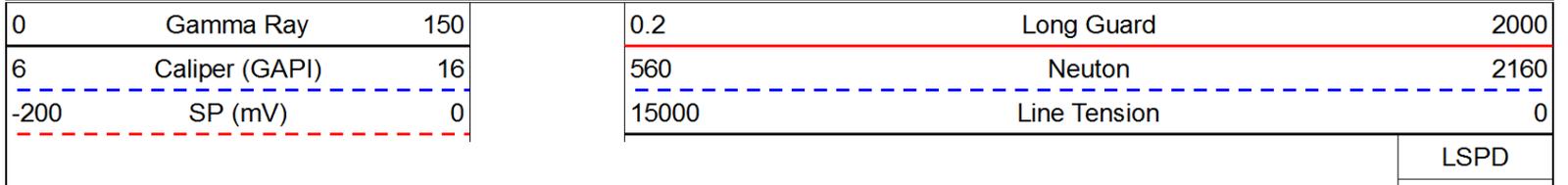
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6	Caliper (GAPI)	16
-200	SP (mV)	0

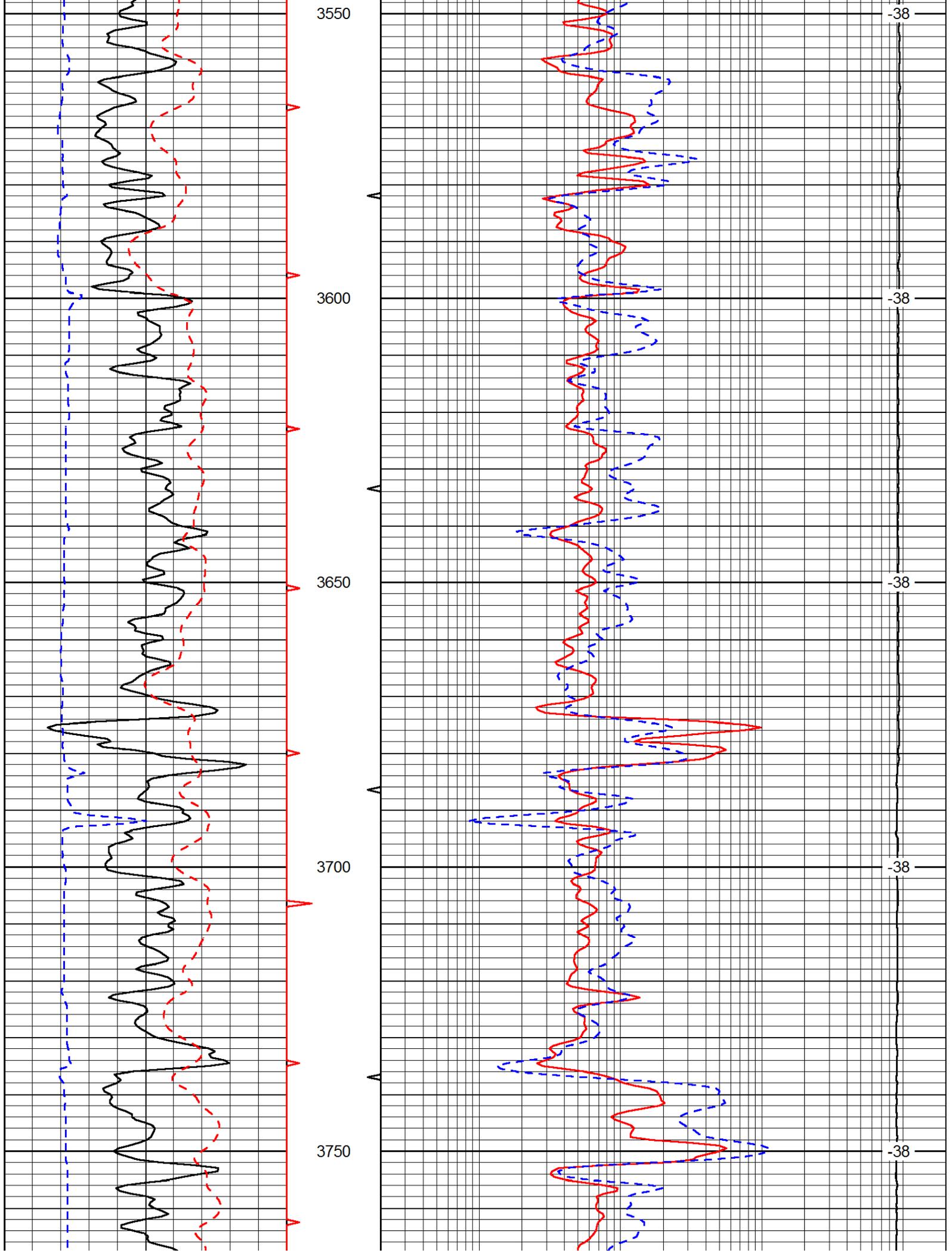
0.2	Long Guard	2000
560	Neuton	2160
15000	Line Tension	0

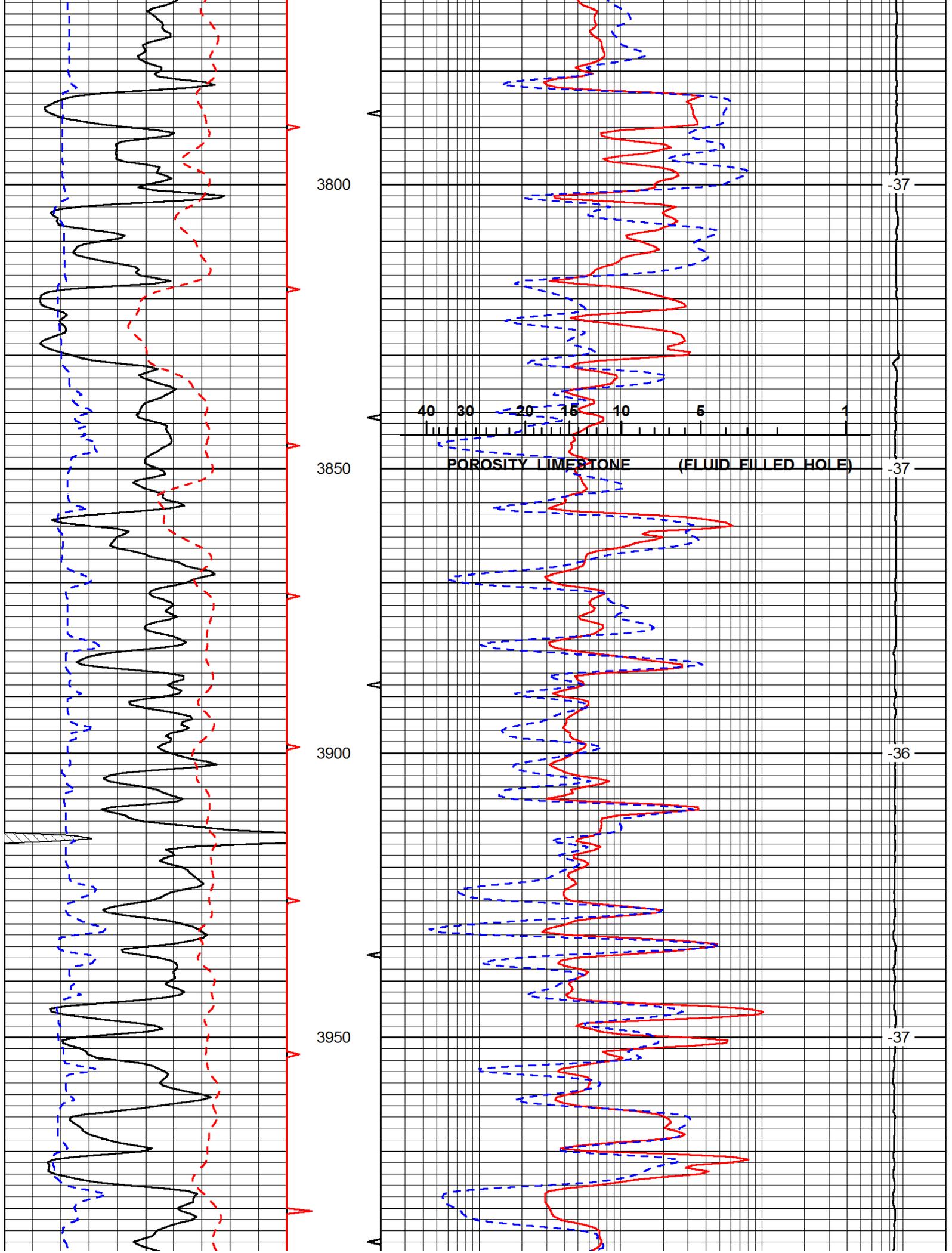
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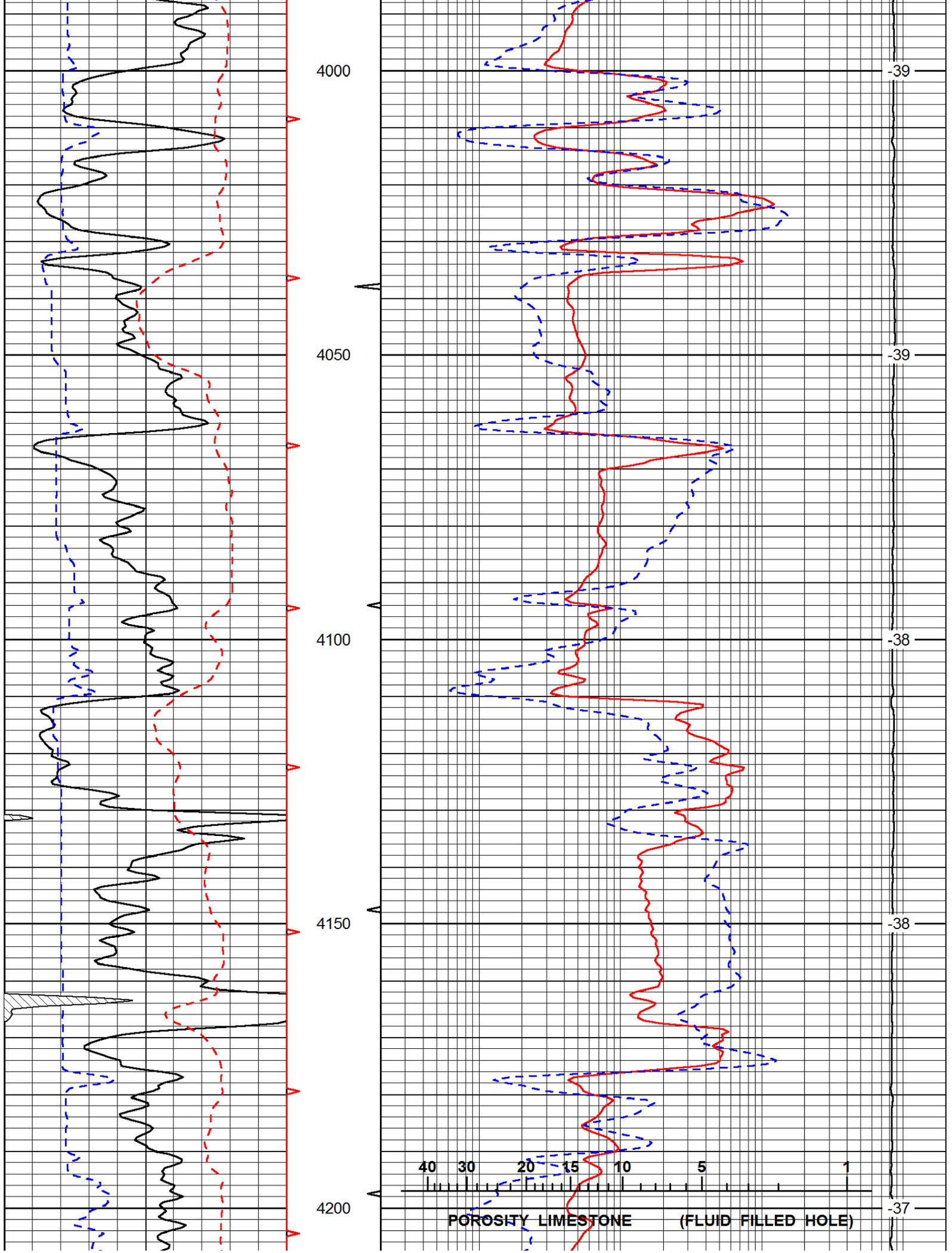


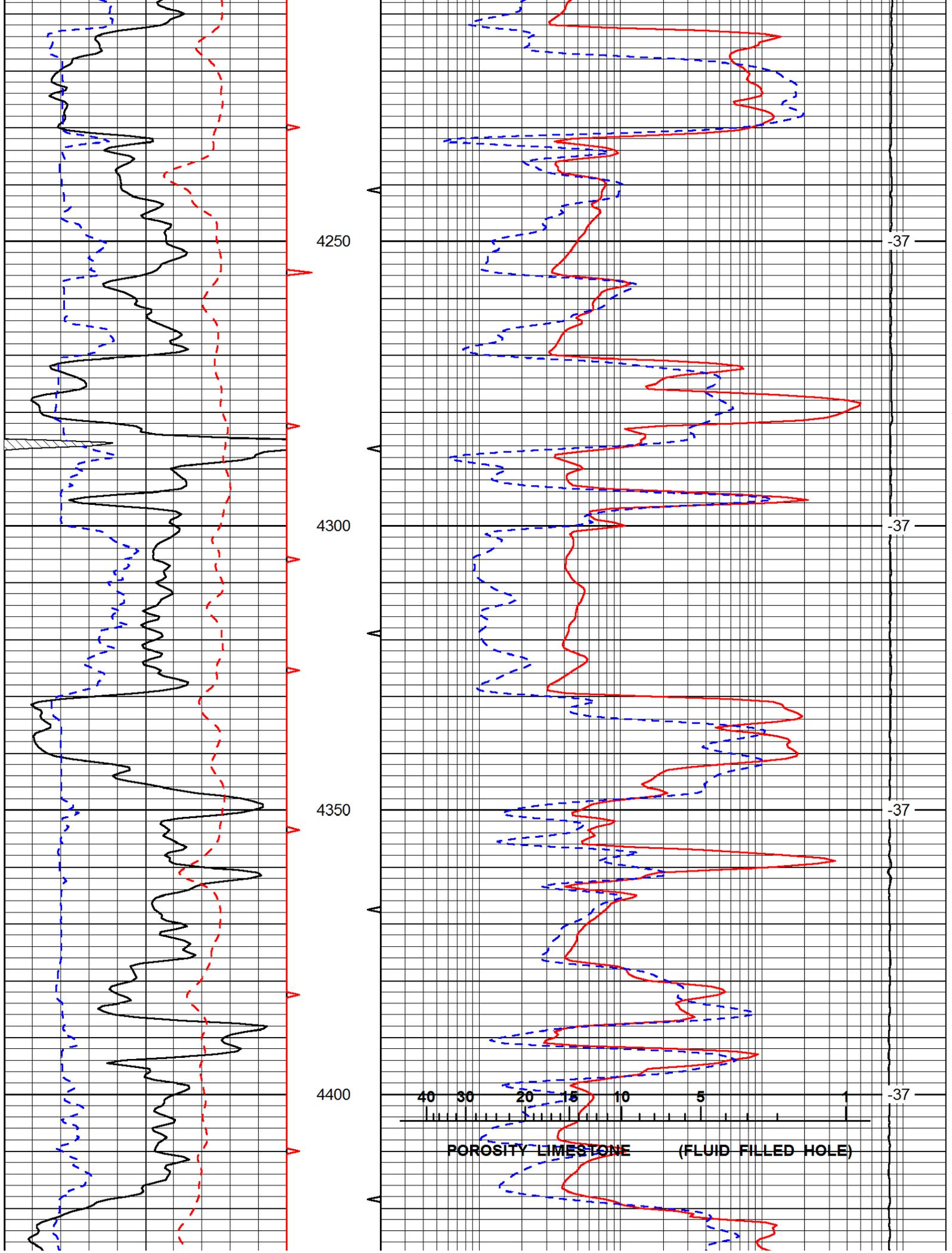
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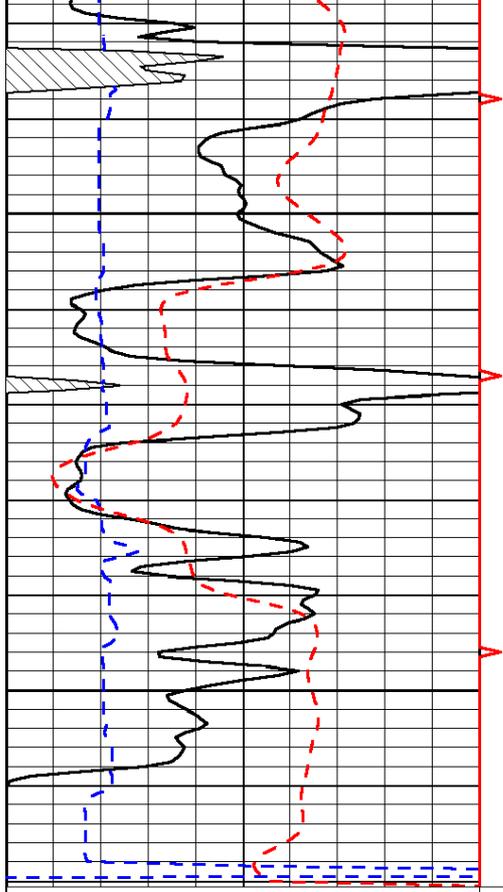




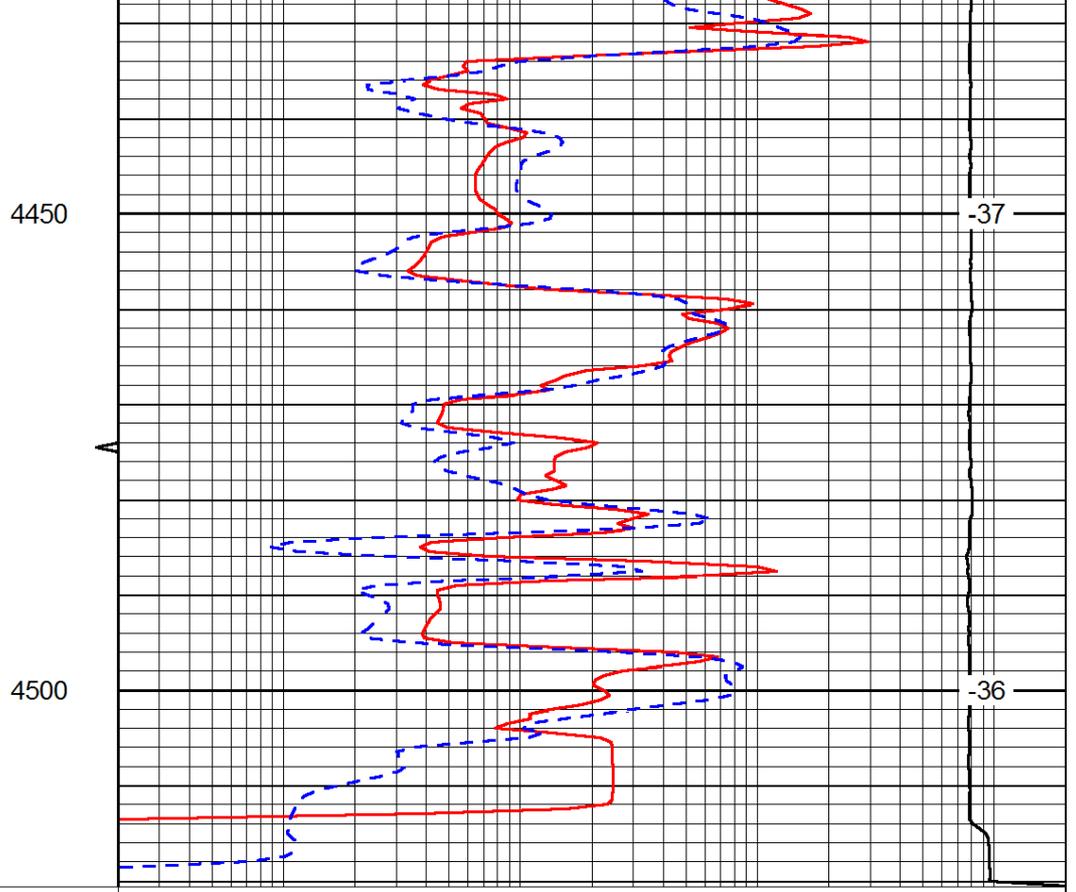








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