



Pioneer Energy Services

Radiation Guard Log

API No.	Company Palomino Petroleum, Inc.		
	Well M&M Popp #1		
	Field Wildcat		
	County Ness	State	Kansas
15-135-25,522-00-00	Location NW SW NE NE 685' FNL & 1011' FEL	Other Services NONE	
	Sec: 9 Twp: 17S Rge: 26W	Elevation	
Permanent Datum	Ground Level	Elevation 2621	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 2631 D.F. 2621 G.L. 2621	
Date	1/12/2013		
Run Number	One		
Depth Driller	4660		
Depth Logger	4657		
Bottom Logged Interval	4656		
Top Log Interval	200		
Casing Driller	8.625 @ 222		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3500		
Density / Viscosity	9.5 47		
pH / Fluid Loss	9.5 10.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.35 @ 60		
Rmf @ Meas. Temp	1.01 @ 60		
Rmc @ Meas. Temp	1.82 @ 60		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.66 @ 123		
Operating Rig Time	2 1/2 Hours		
Max Rec. Temp. F	123		
Equipment Number	15		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Ryan Seib		

<<< Fold Here >>>

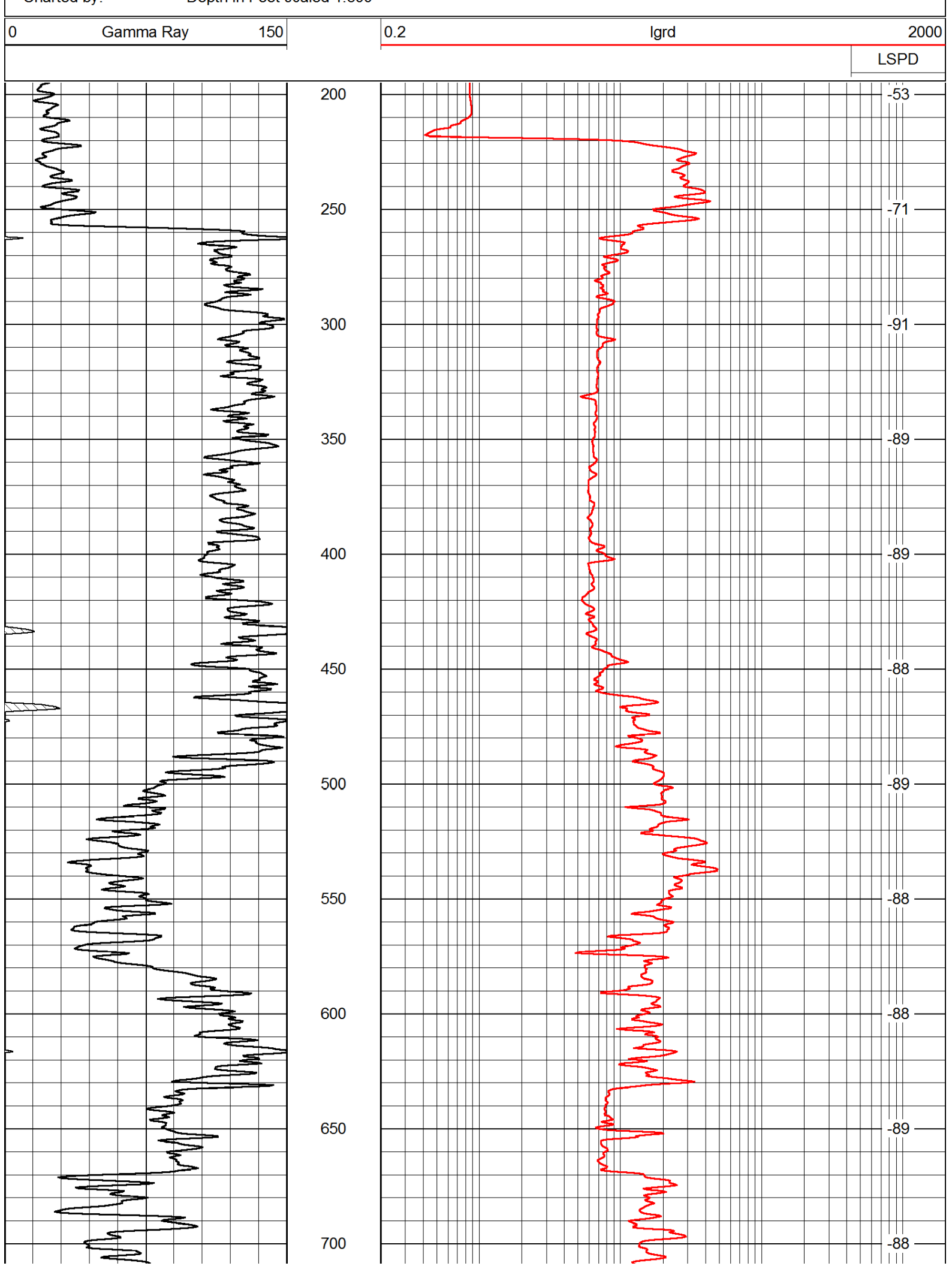
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

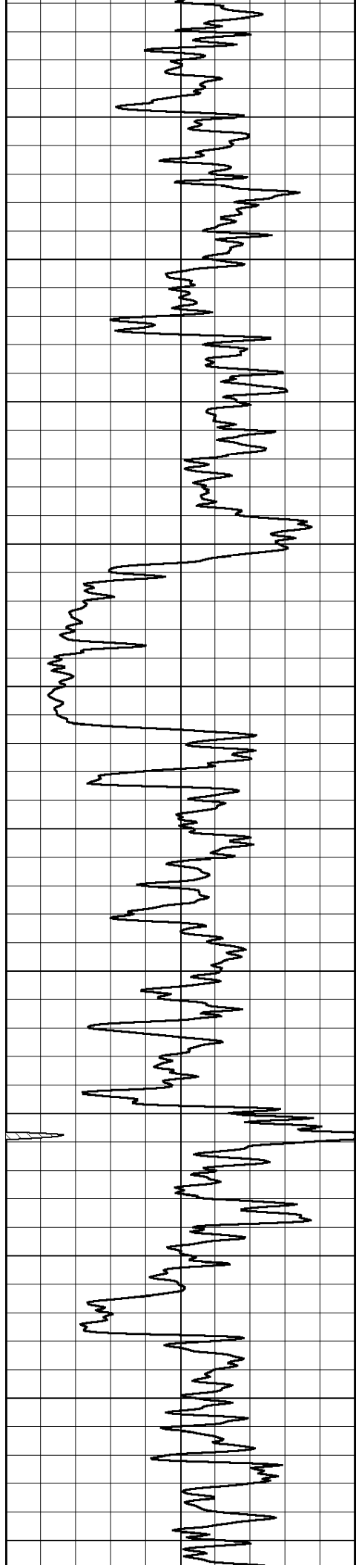
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Utica KS, West to C RD, 3 1/2 South, West Into

Database File: c:\warrior\data\palomino_m&m popp #1\palomino_mmpopp_1hd.db
Dataset Pathname: RAG/palrag7
Presentation Format: rag2in
Dataset Creation: Sat Jan 12 21:14:45 2013
Charted by: Depth in Feet scaled 1:600





750

800

850

900

950

1000

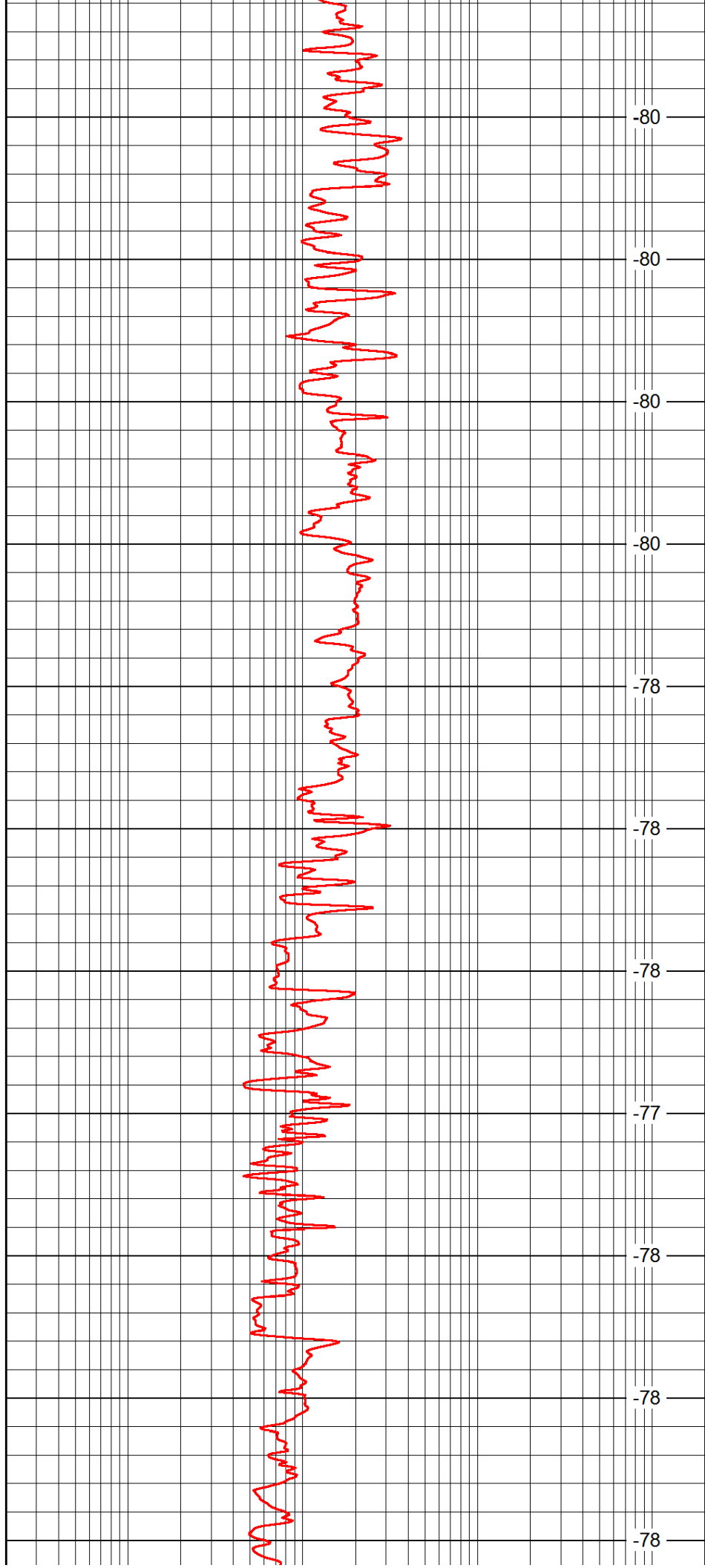
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1100

1150

1200

1250



-80

-80

-80

-80

-78

-78

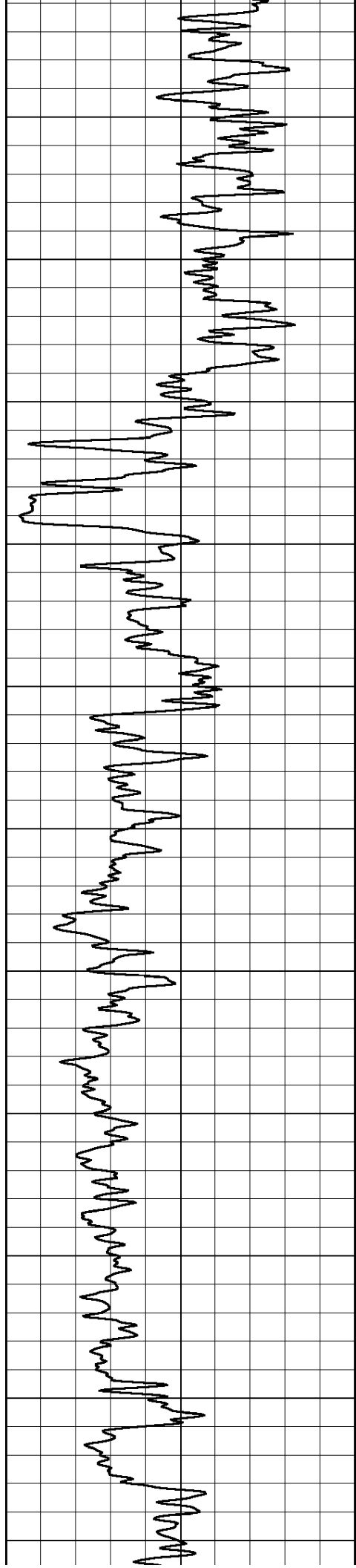
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-77

-78

-78

-78



1300

1350

1400

1450

1500

1550

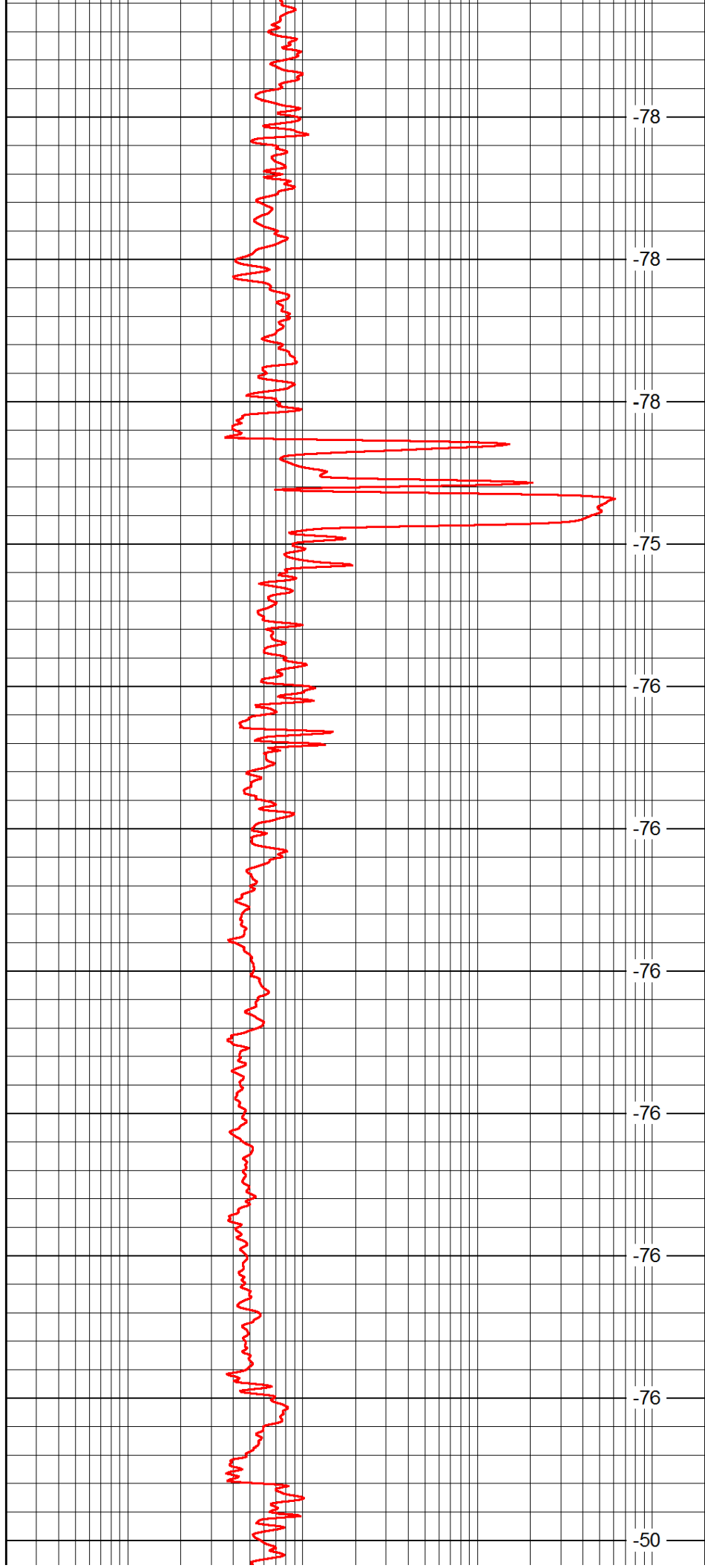
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1650

1700

1750

1800



-78

-78

-78

-75

-76

-76

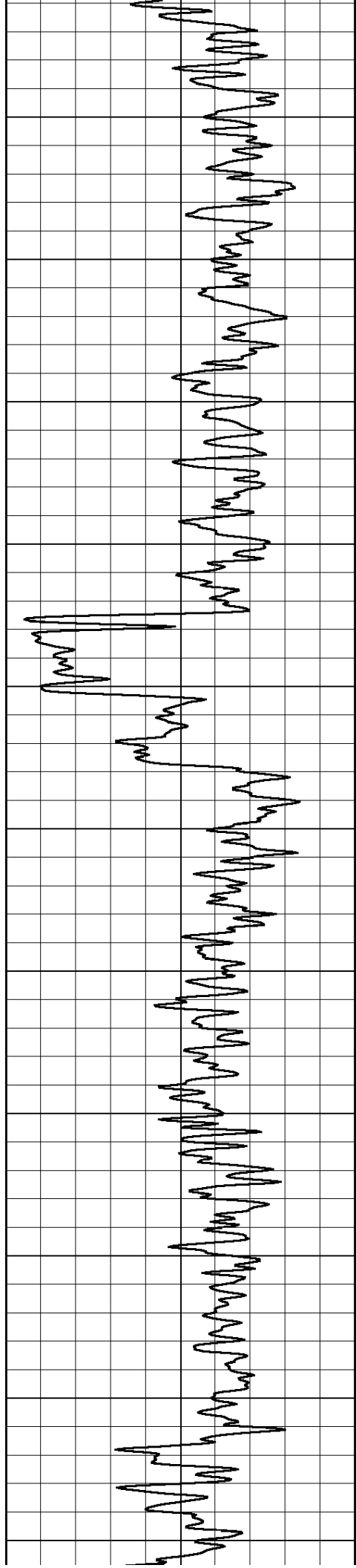
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-76

-76

-76

-50



1850

1900

1950

2000

2050

2100

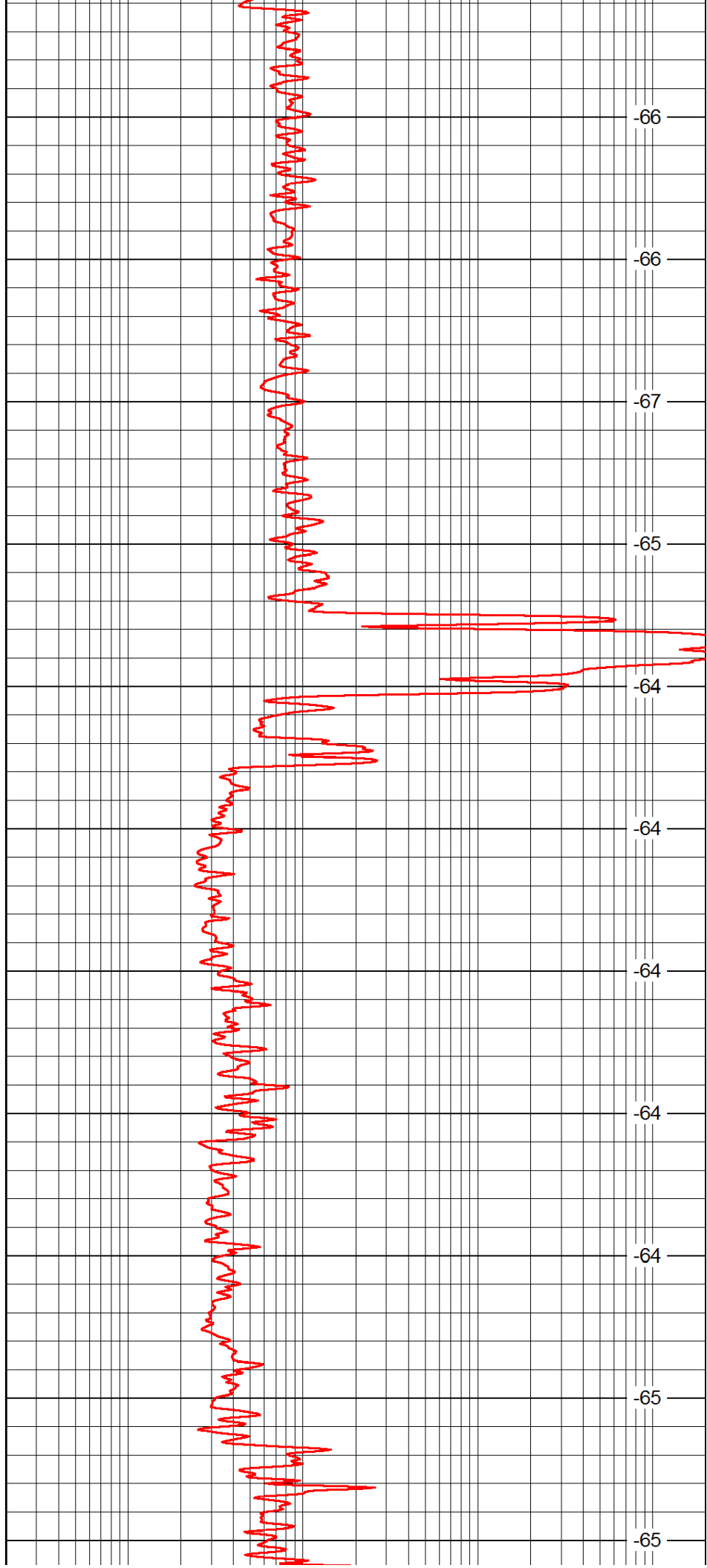
2150

2200

2250

2300

2350



-66

-66

-67

-65

-64

-64

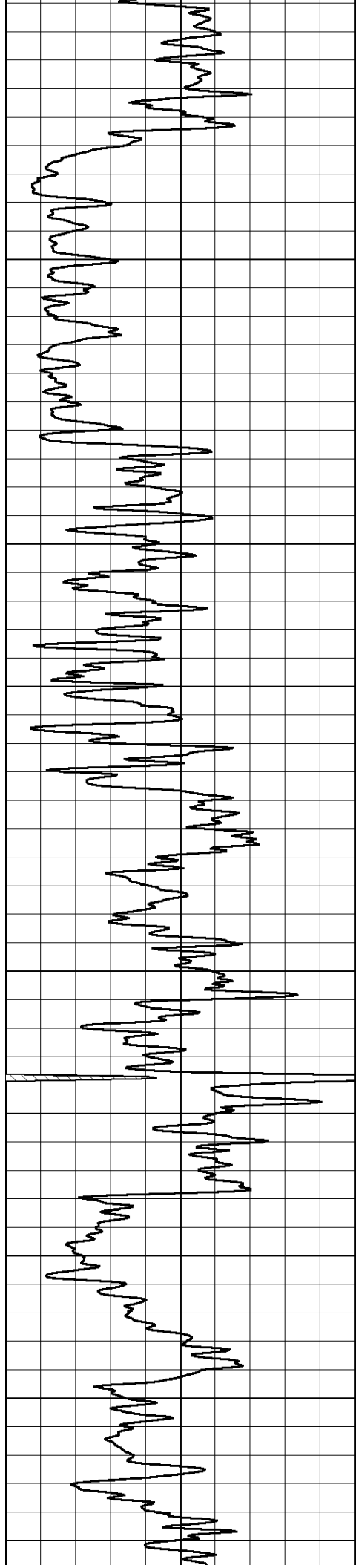
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-65

-65



2400

2450

2500

2550

2600

2650

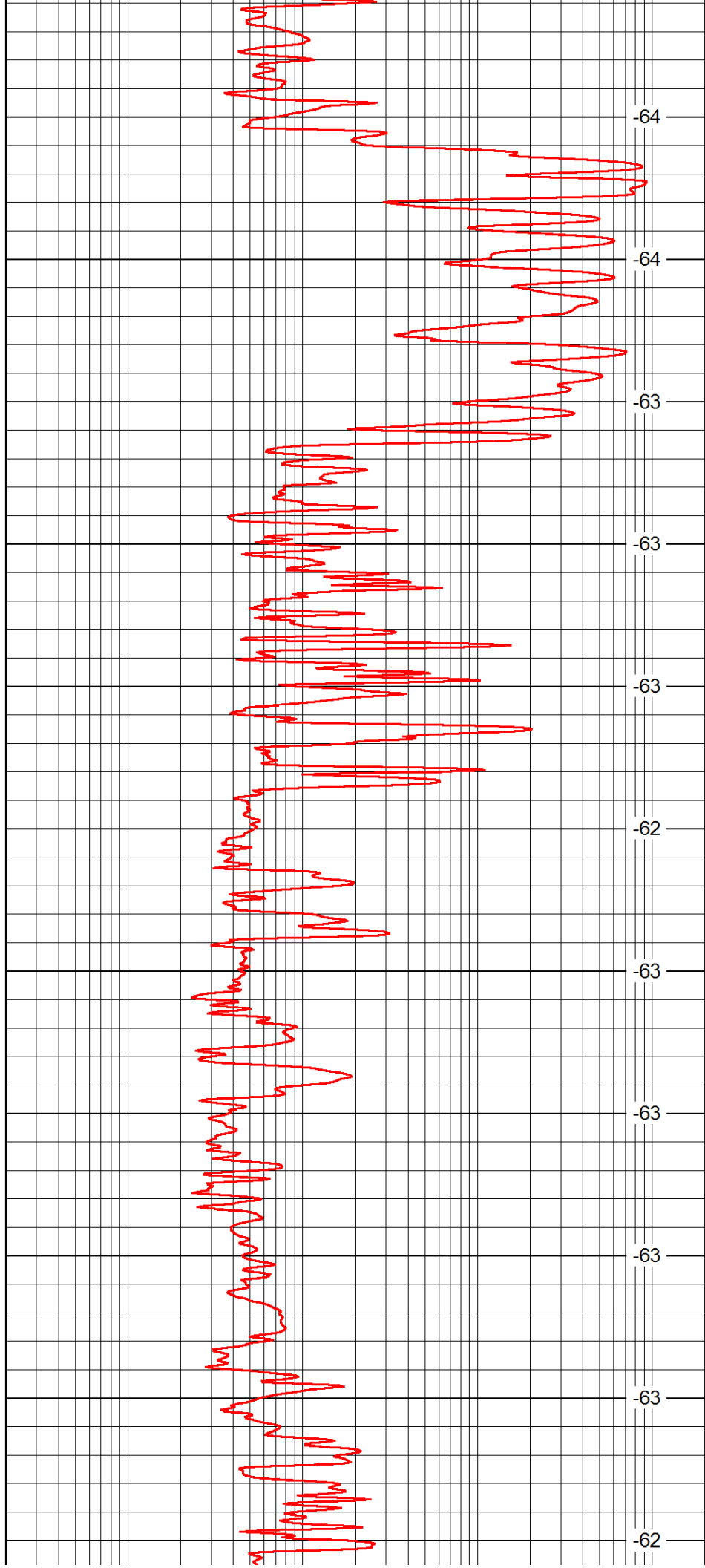
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2750

2800

2850

2900



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-64

-63

-63

-63

-62

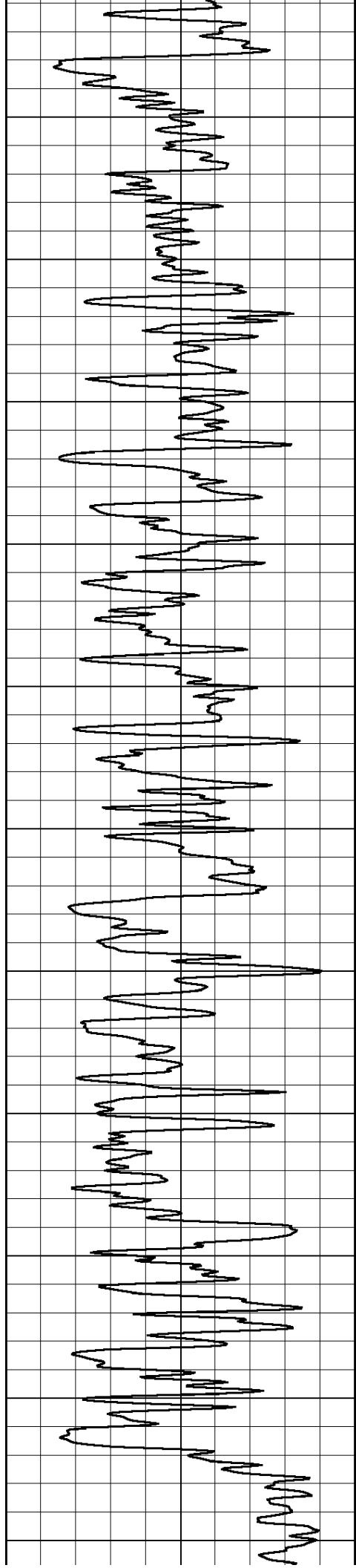
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-63

-62



2950

3000

3050

3100

3150

3200

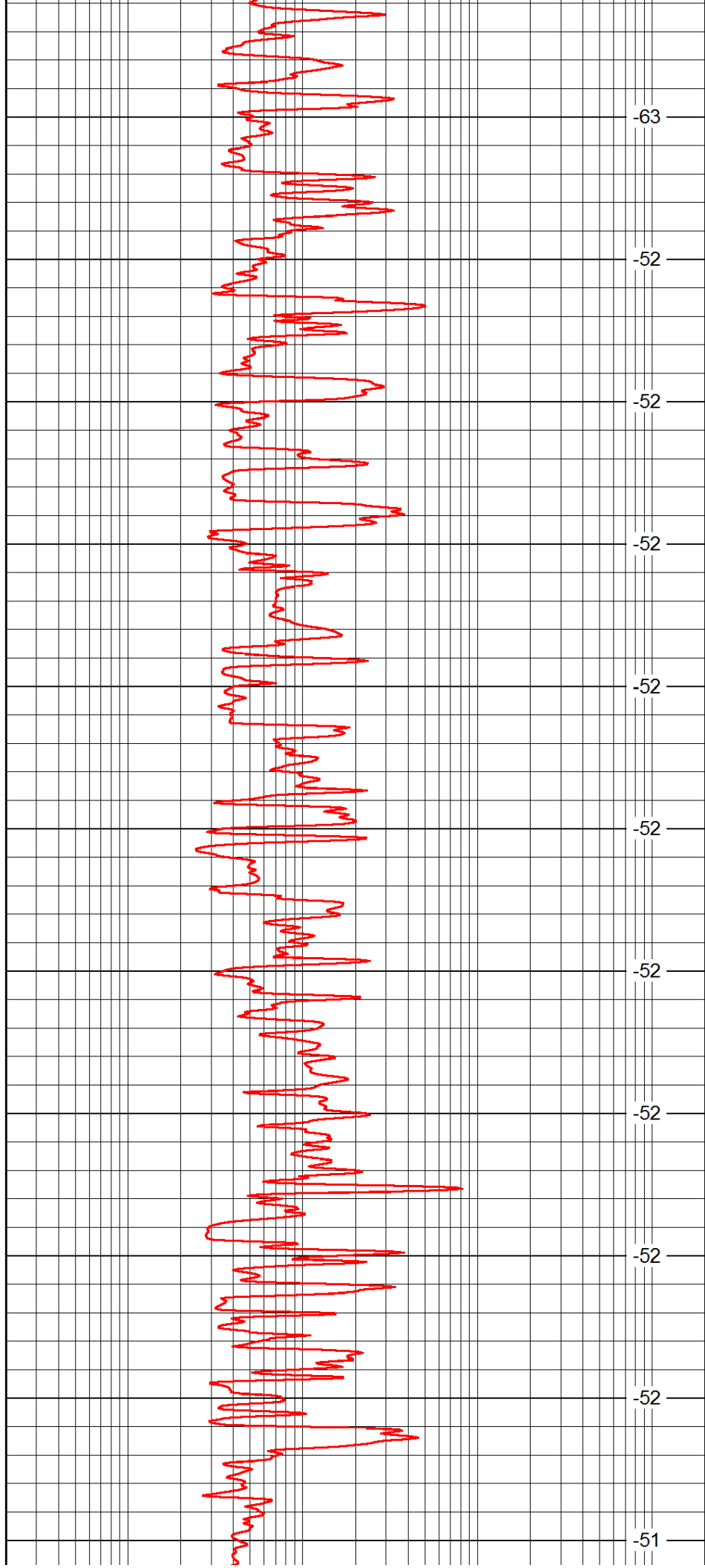
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-52

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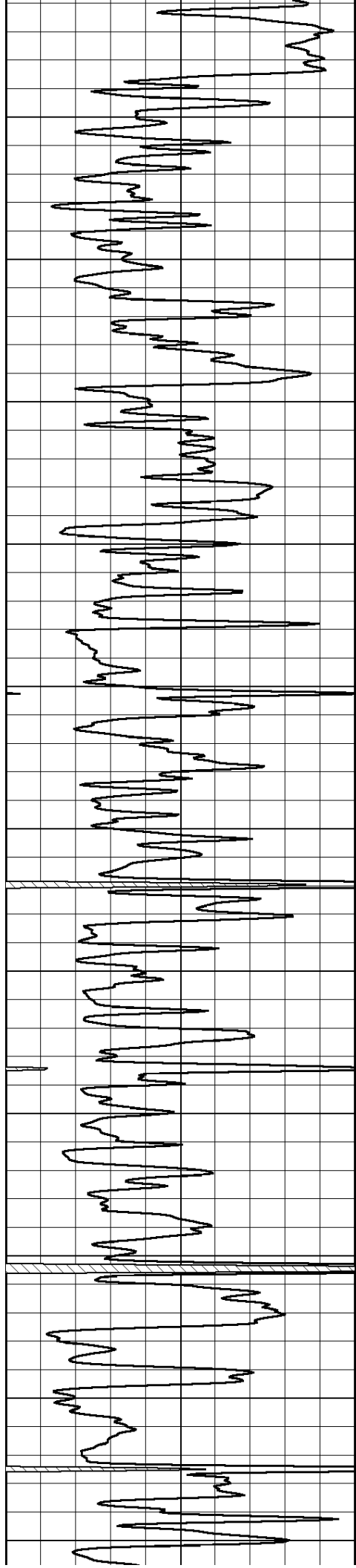
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3600

3650

3700

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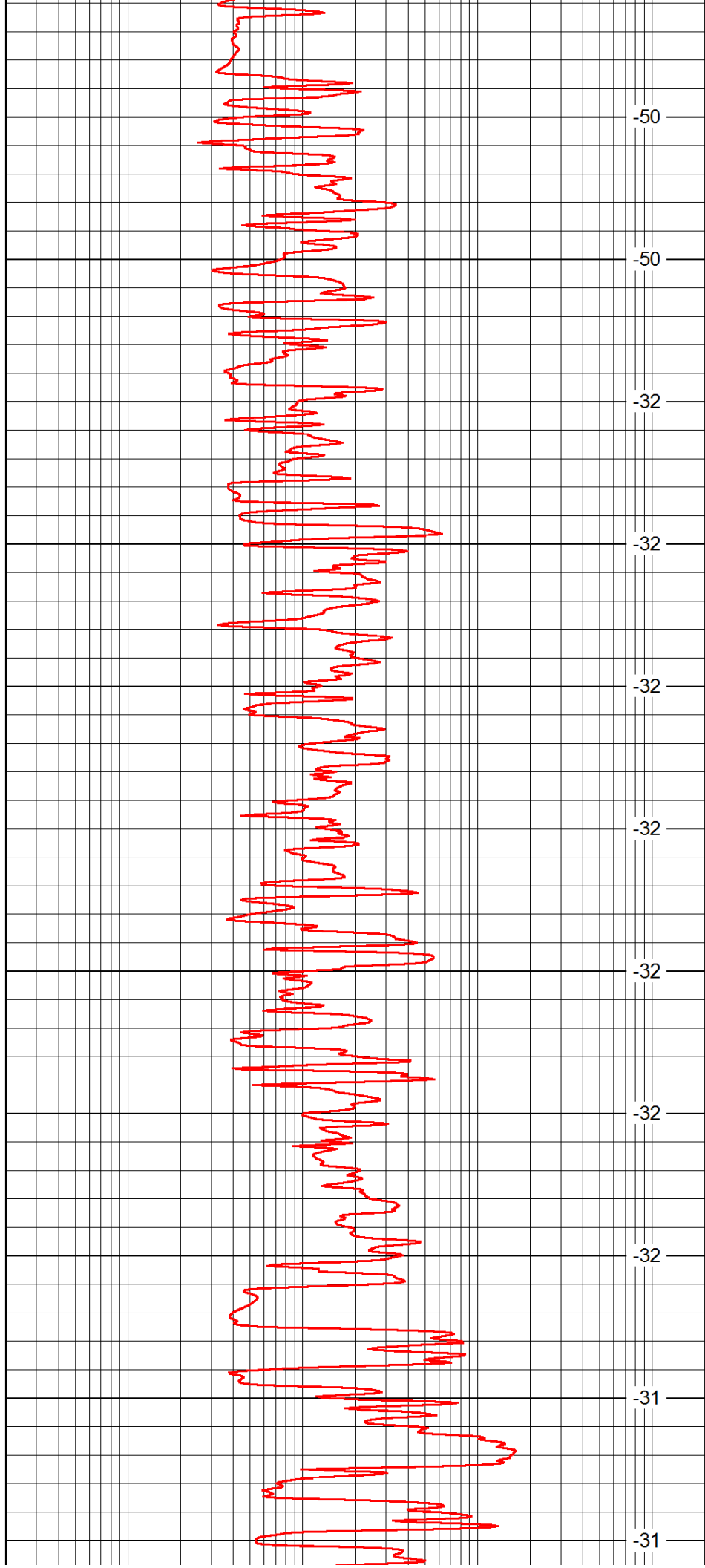
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3900

3950

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-50

-50

-32

-32

-32

-32

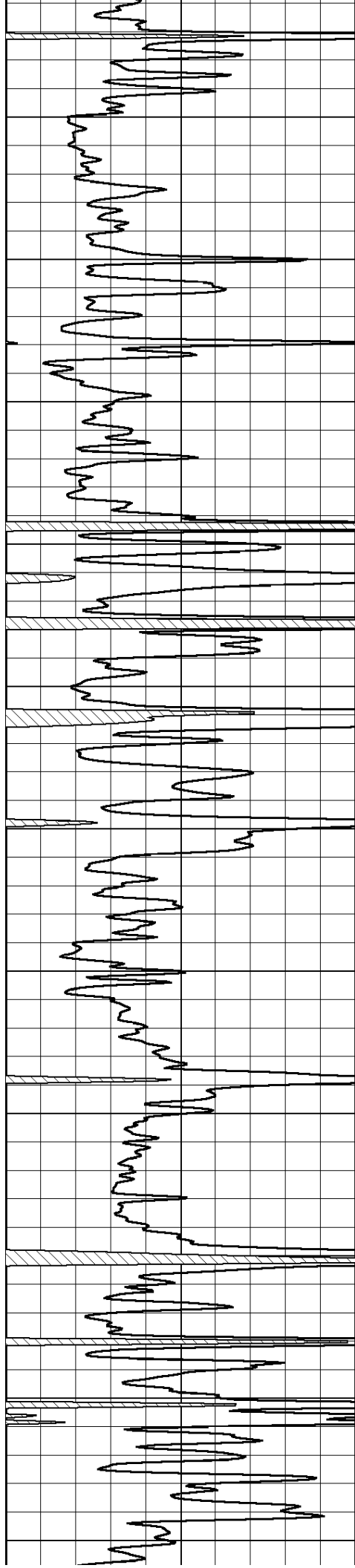
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-31

-31



4050

4100

4150

4200

4250

4300

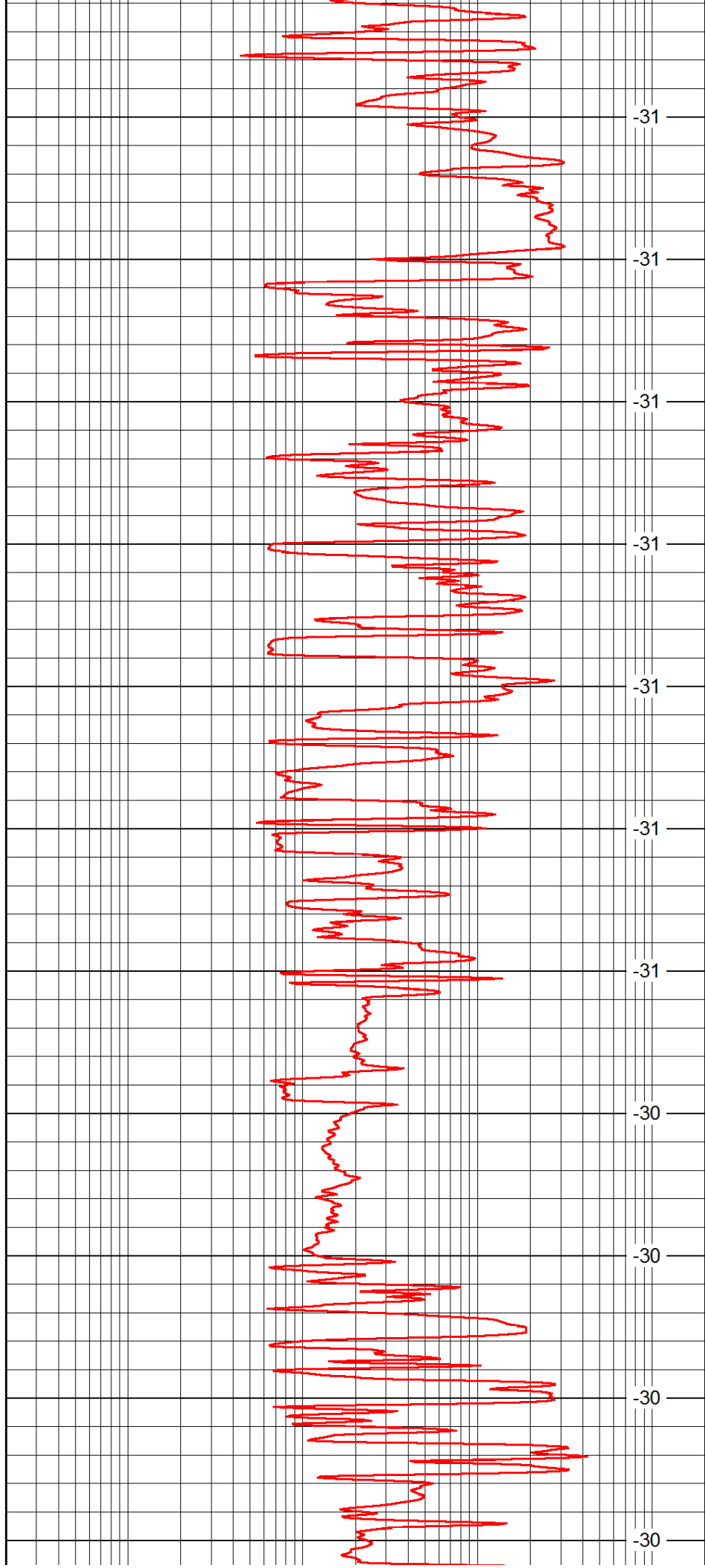
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-31

-31

-31

-31

-31

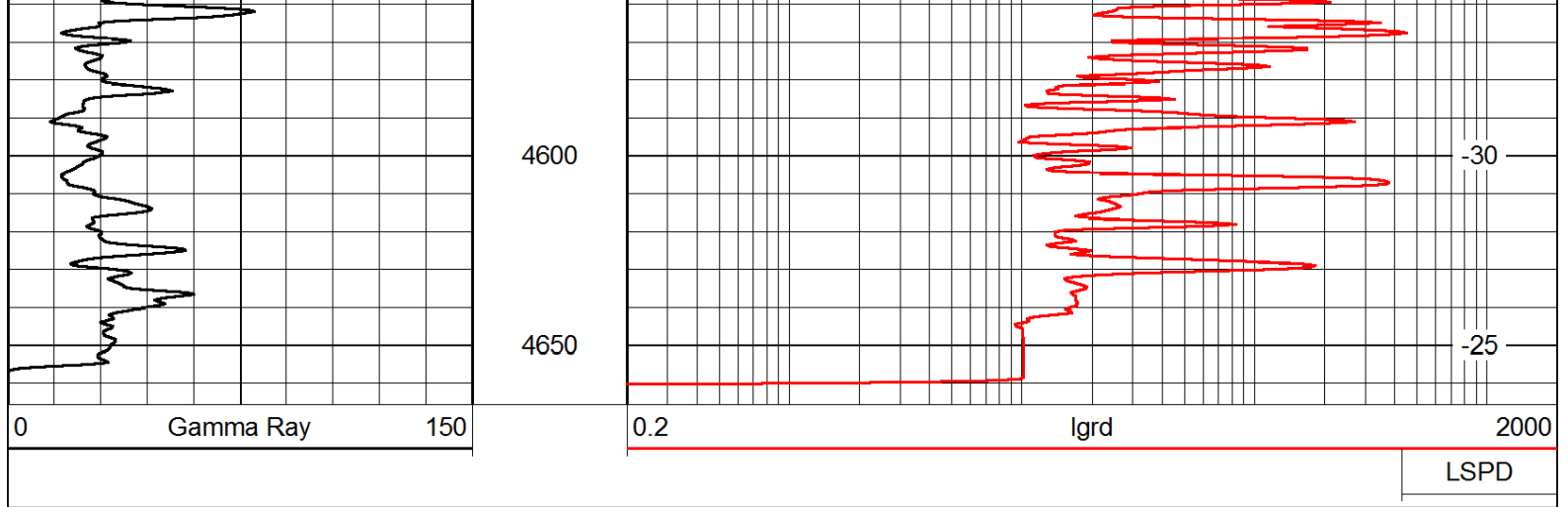
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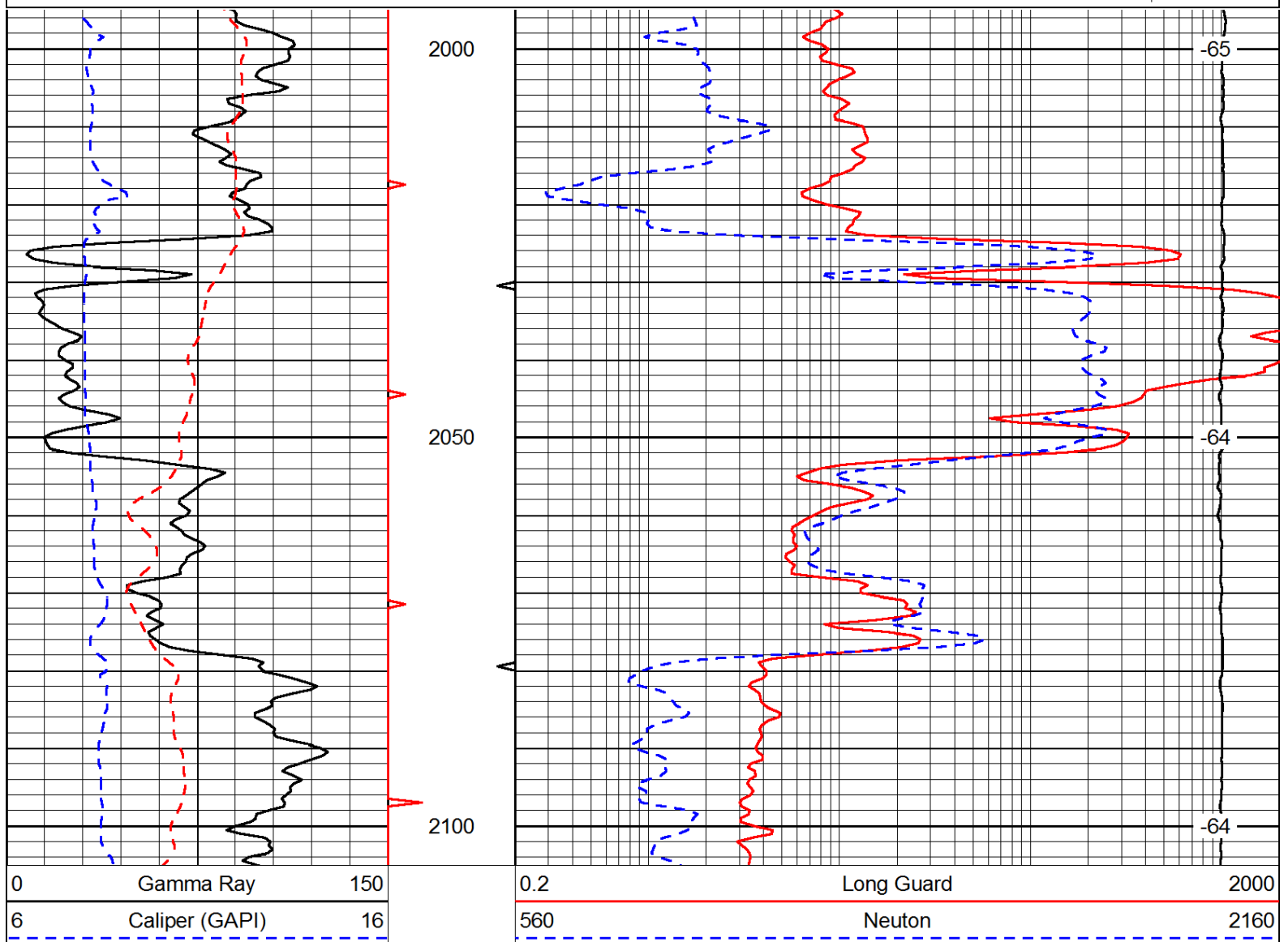
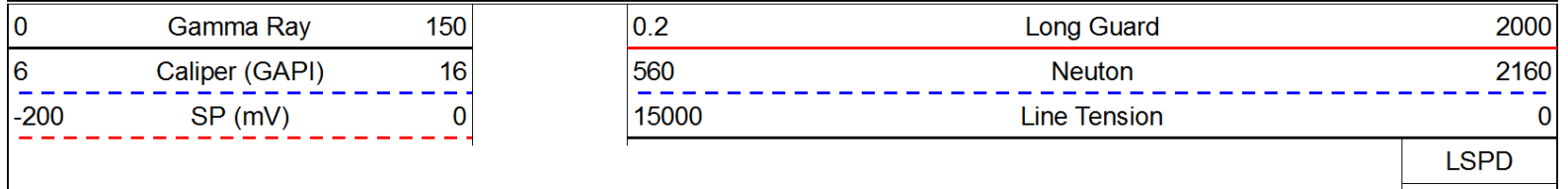
-30

-30

-30



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 Dataset Pathname: RAG/palrag7
 Presentation Format: rag
 Dataset Creation: Sat Jan 12 21:14:45 2013
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-200 SP (mV) 0

15000 Line Tension 0

LSPD

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

0.2 Long Guard 2000
560 Neutron 2160
15000 Line Tension 0

LSPD

