



Pioneer Energy Services

Radiation Guard Log

API No.		Company		WM KS Energy Resources, LLC	
15-051-26,331-00-00		Well		Wasinger No. C-17	
		Field		Bemis-Shutts	
		County		Ellis State Kansas	
Location		N2 S2 NE 3,630' FSL & 1,320' FEL		Other Services CALIPER	
Sec: 28		Twp: 11S		Rge: 18W	
Permanent Datum		Ground Level		Elevation 2092	
Log Measured From		Kelly Bushing		7 Ft. Above Perm. Datum	
Drilling Measured From		Kelly Bushing		K.B. 2099 D.F. 2092 G.L. 2092	
Date	8/8/2012				
Run Number	One				
Depth Driller	4140				
Depth Logger	4013				
Bottom Logged Interval	4012				
Top Log Interval	250				
Casing Driller	8.625 @ 255				
Casing Logger	251				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	1500				
Density / Viscosity	9.1 60				
pH / Fluid Loss	10 8.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	.92 @ 76				
Rmf @ Meas. Temp	.69 @ 76				
Rmc @ Meas. Temp	1.24 @ 76				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.60 @ 117				
Operating Rig Time	2 Hours				
Max Rec. Temp. F	117				
Equipment Number	108				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Bill Robinson				

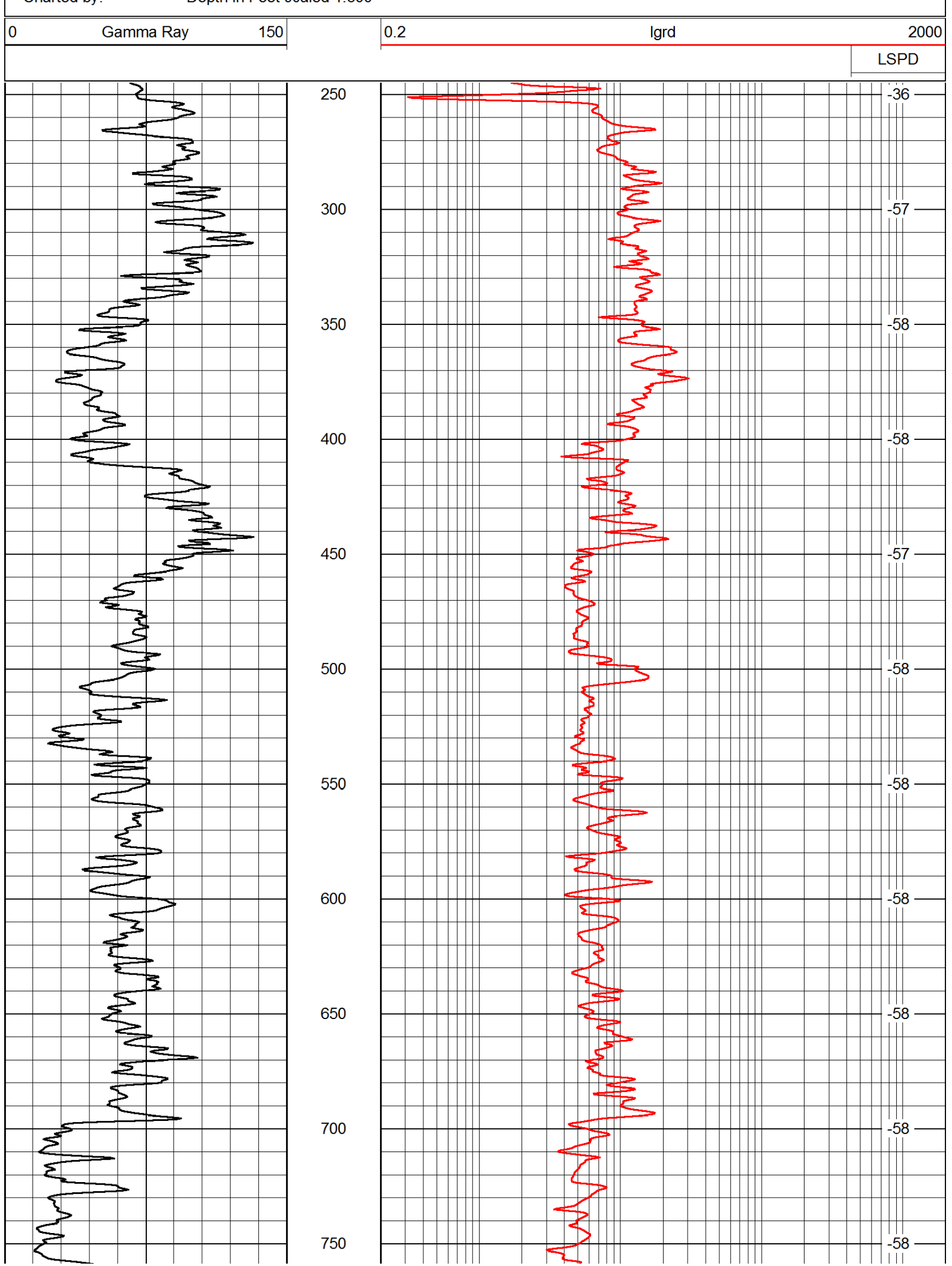
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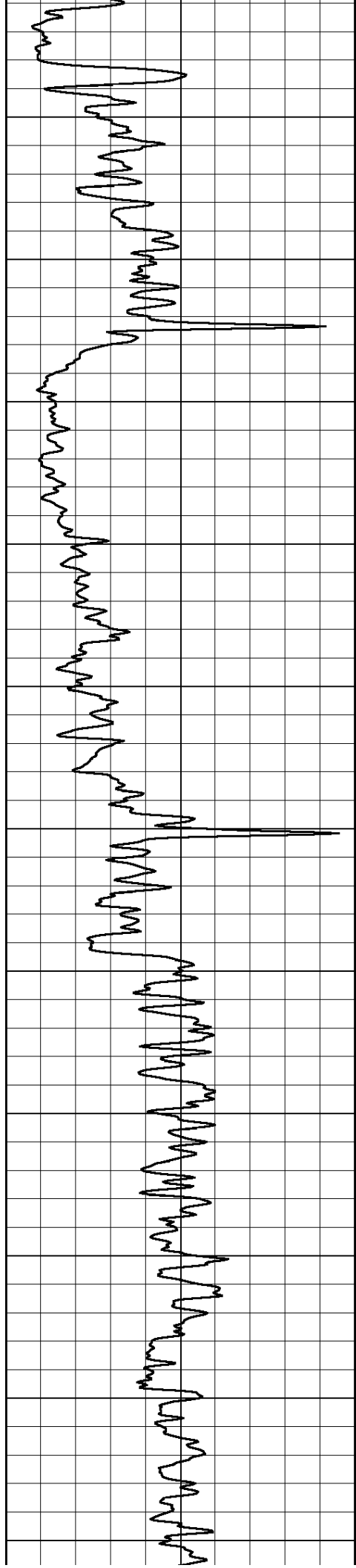
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.pioneerres.com
785 625 3858

Hays, North to Dean Hill Road, 1/2 West, 1/2 North





800

850

900

950

1000

1050

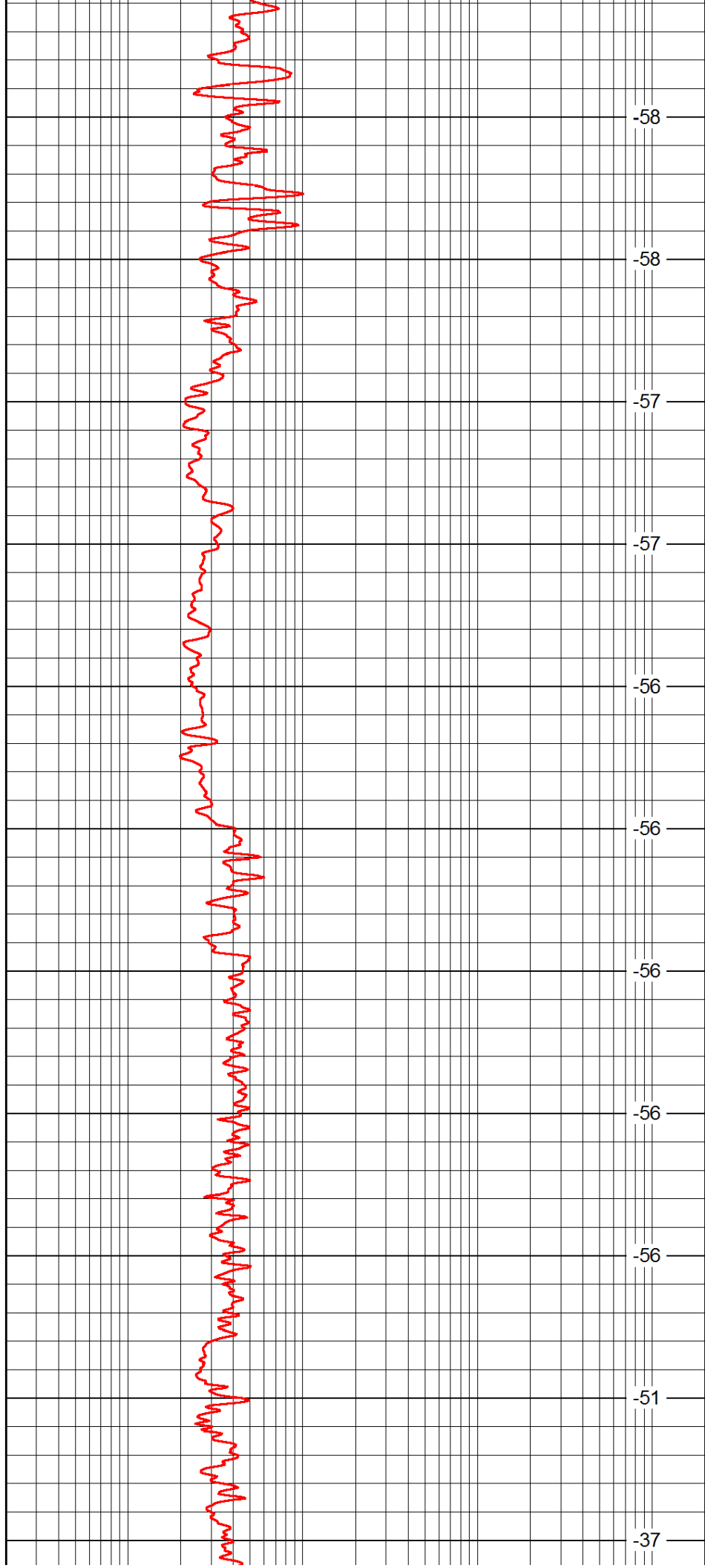
1100

1150

1200

1250

1300



-58

-58

-57

-57

-56

-56

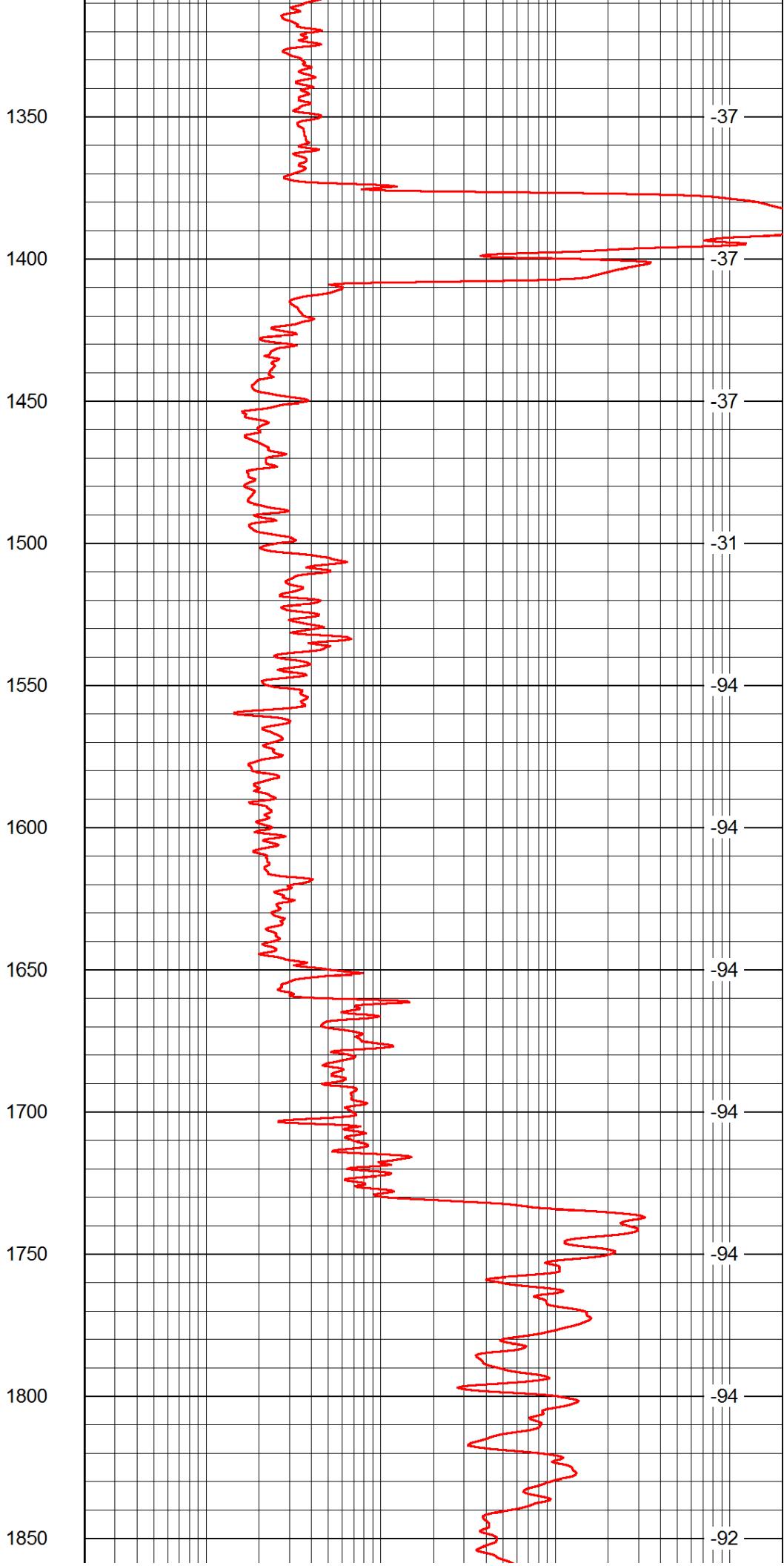
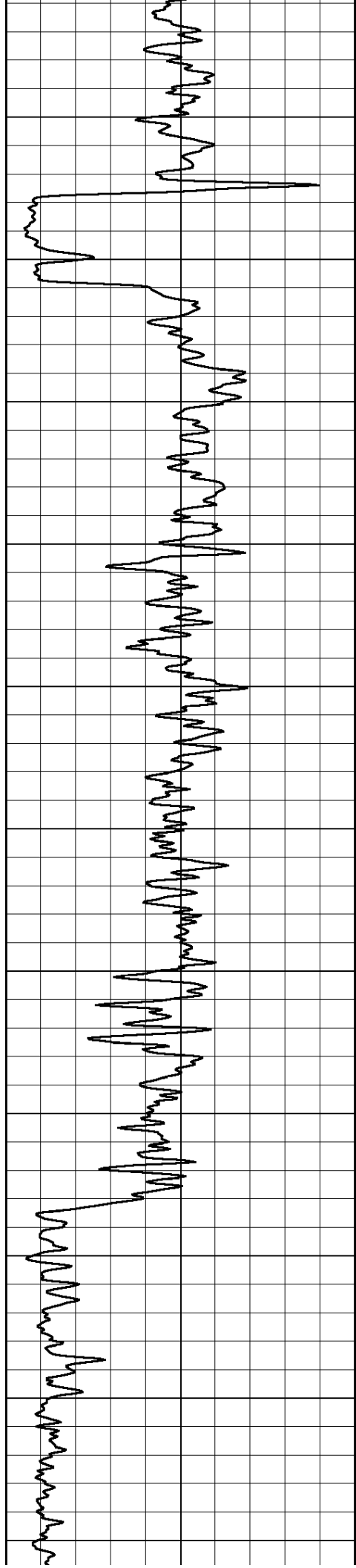
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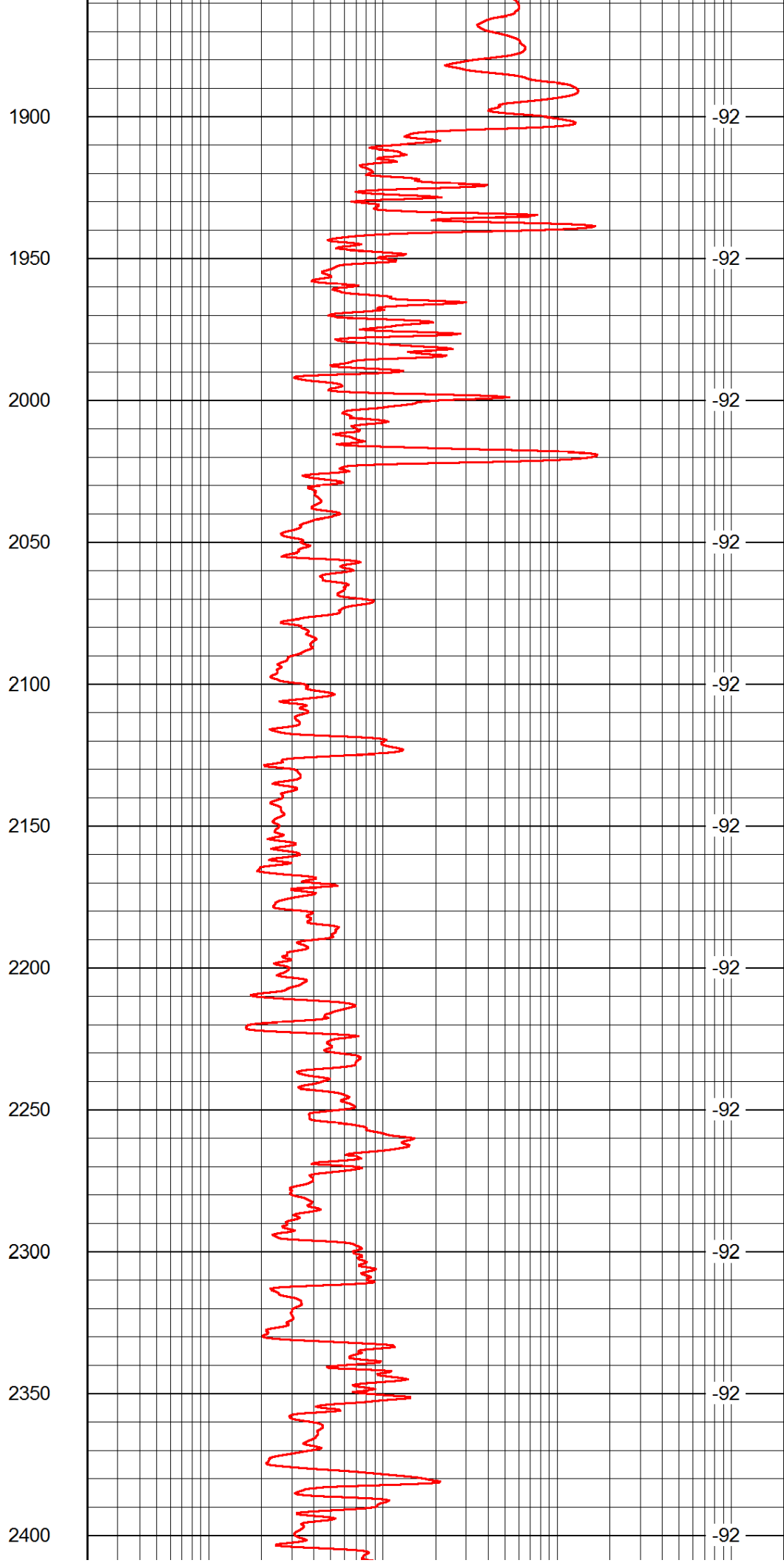
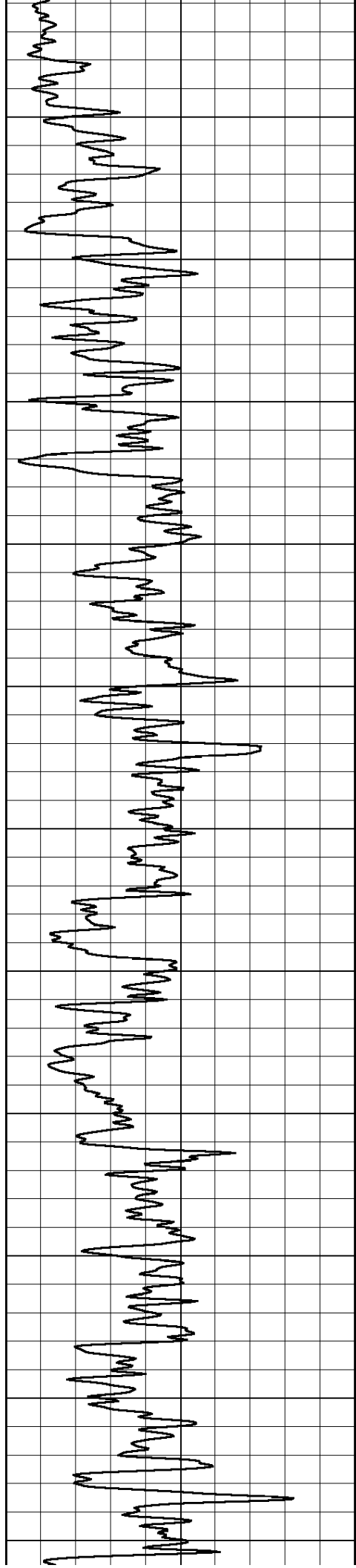
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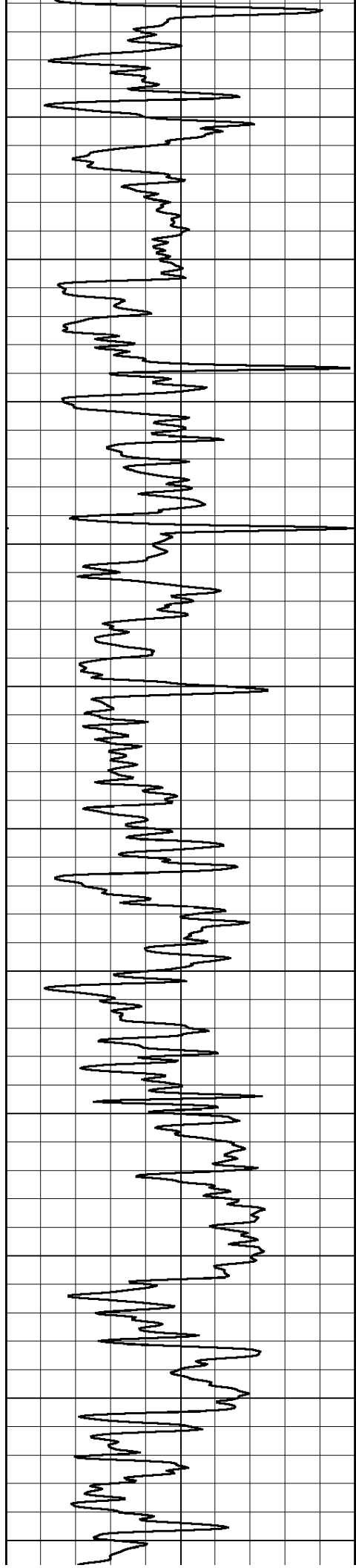
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-37







2450

2500

2550

2600

2650

2700

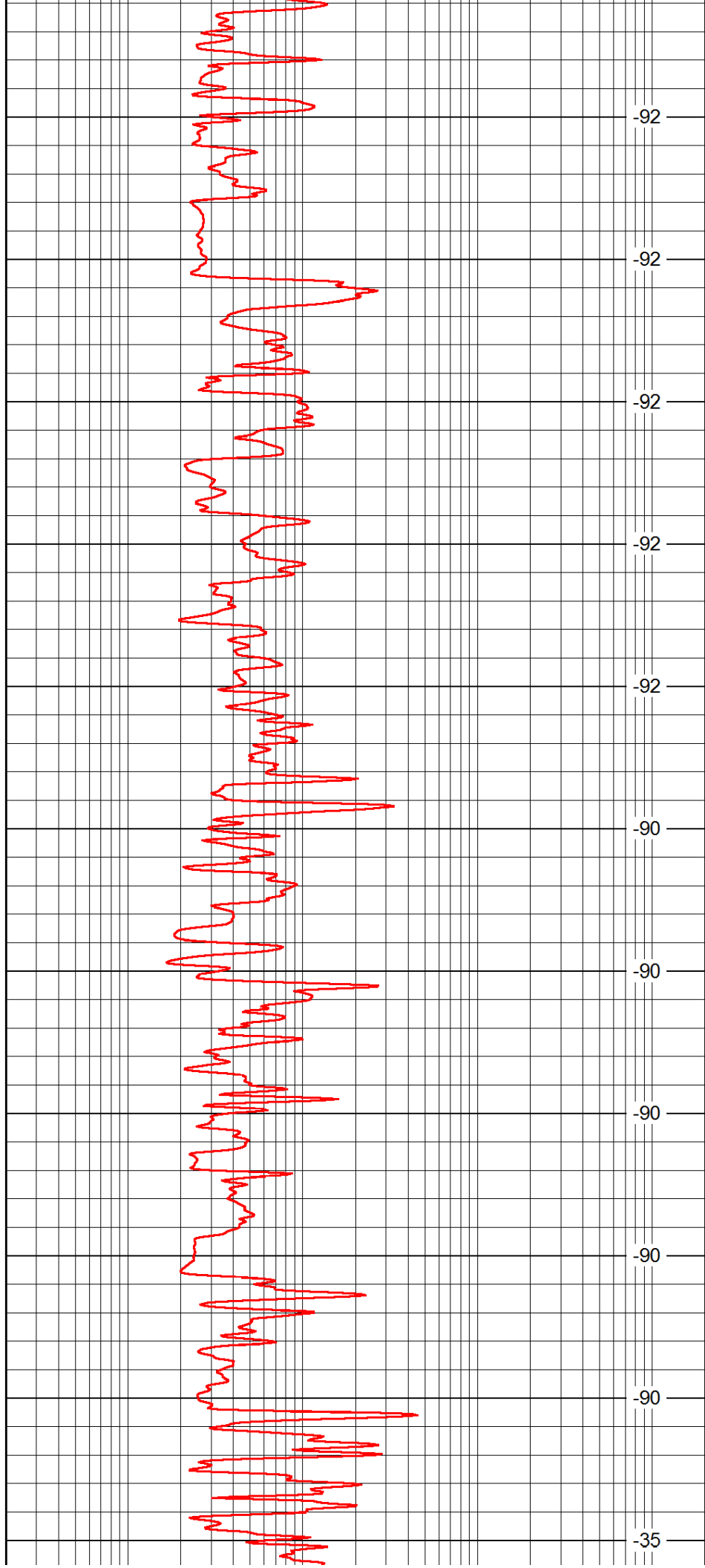
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2800

2850

2900

2950



-92

-92

-92

-92

-92

-90

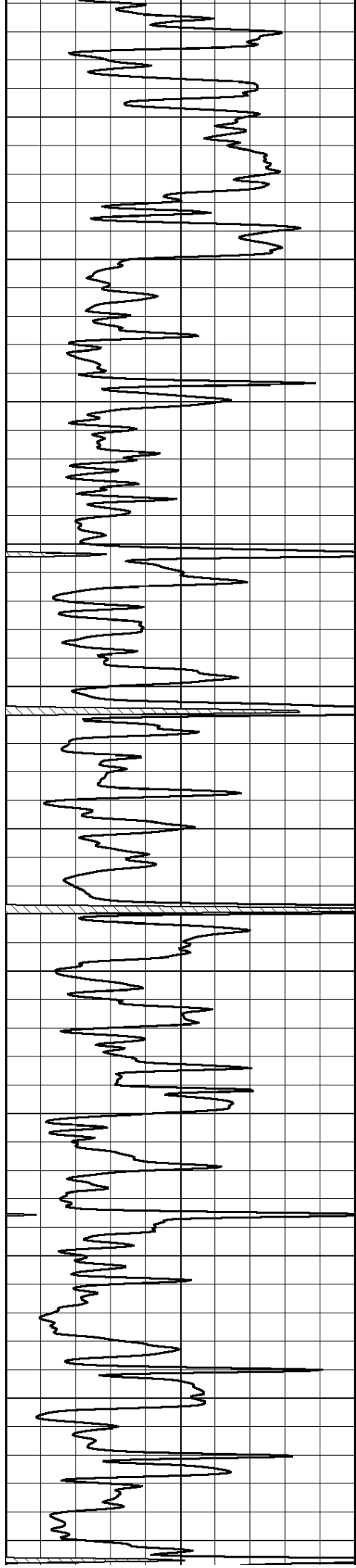
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3000

3050

3100

3150

3200

3250

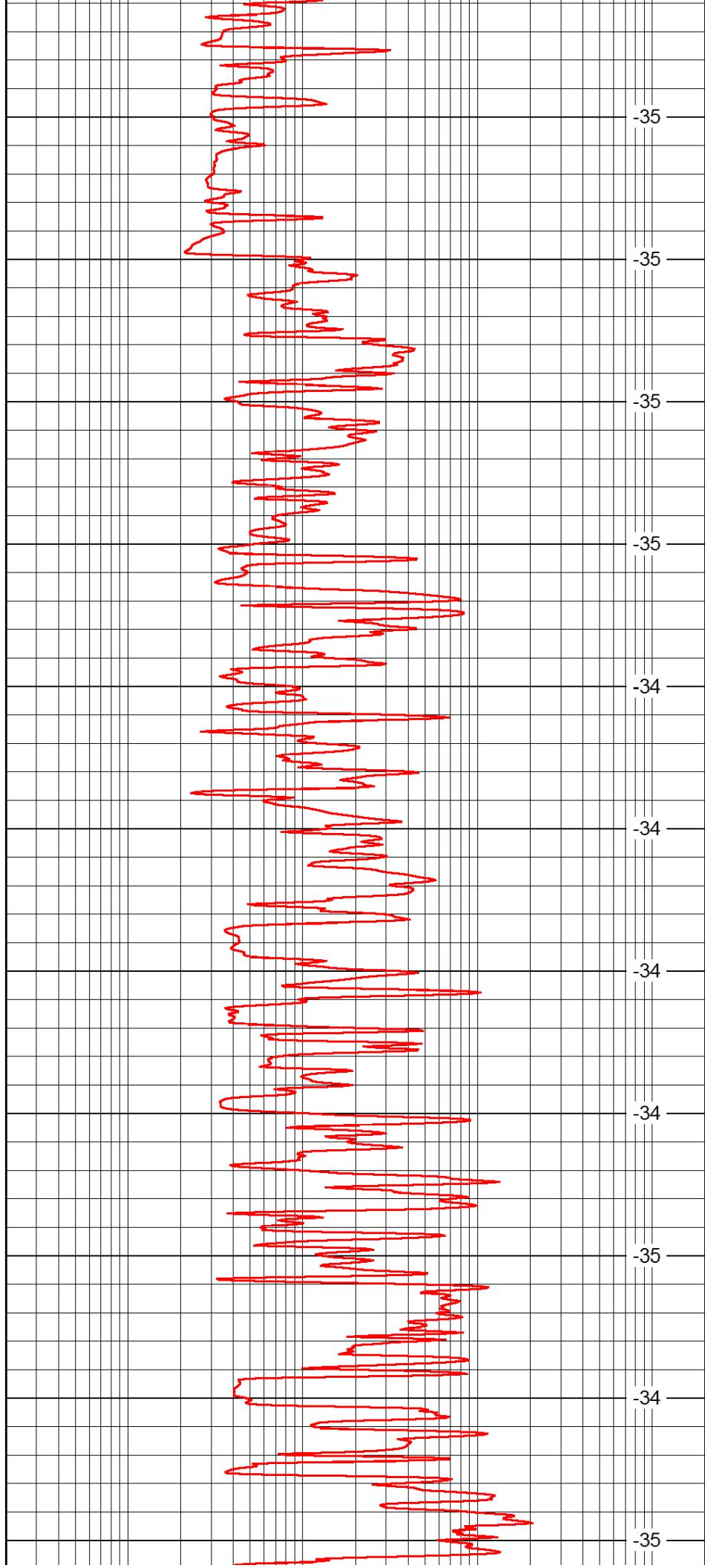
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3350

3400

3450

3500



-35

-35

-35

-35

-34

-34

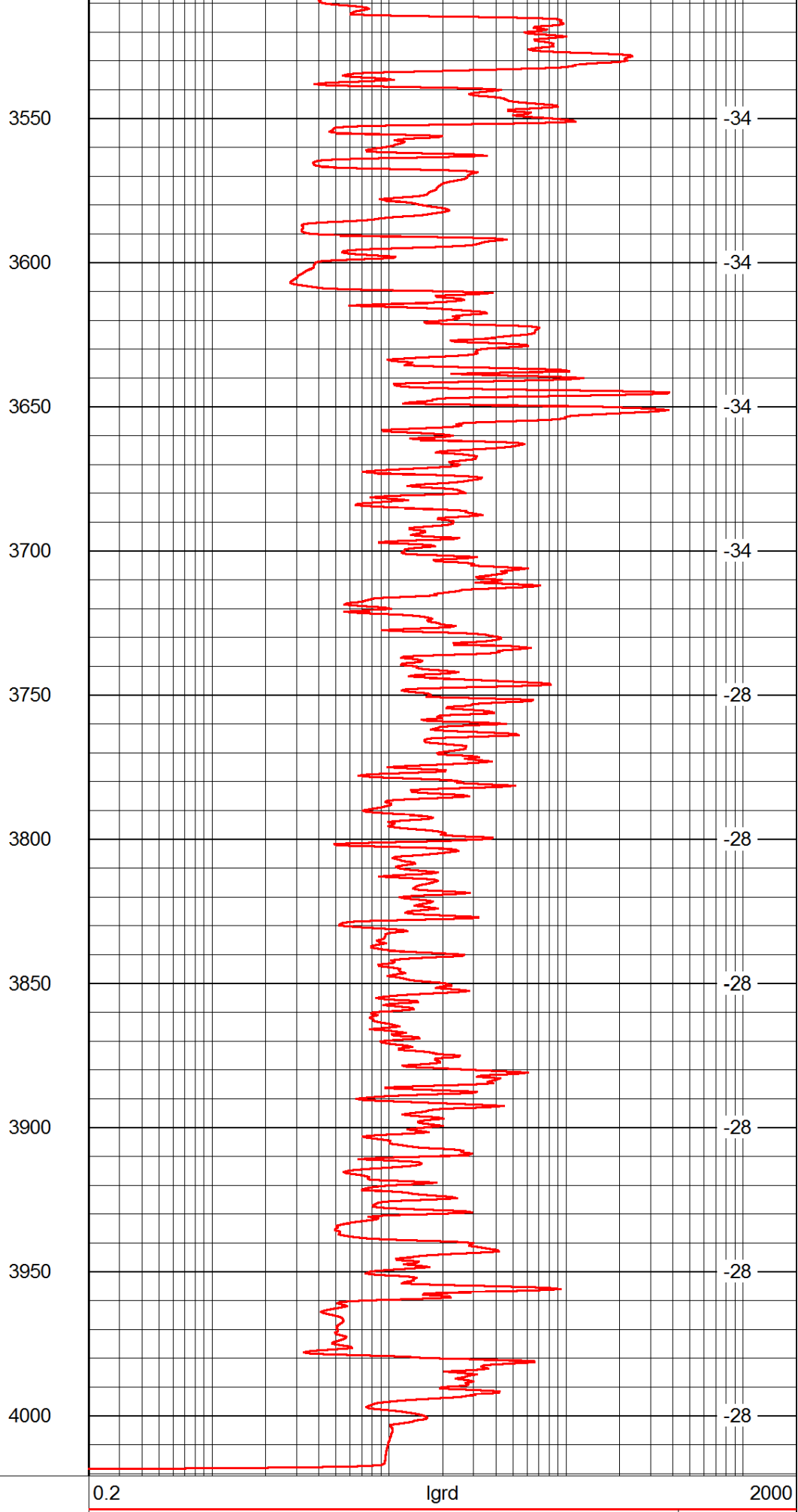
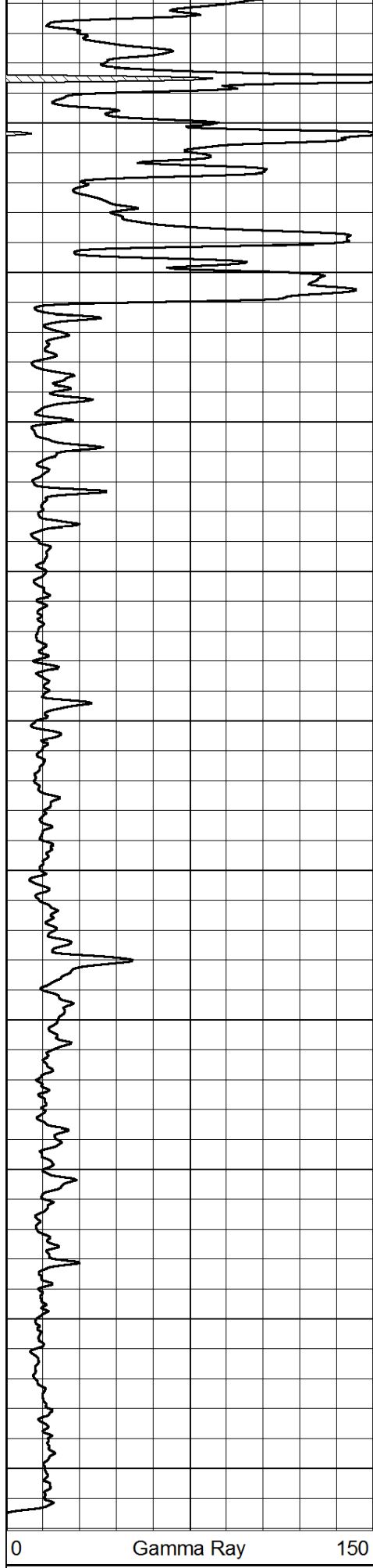
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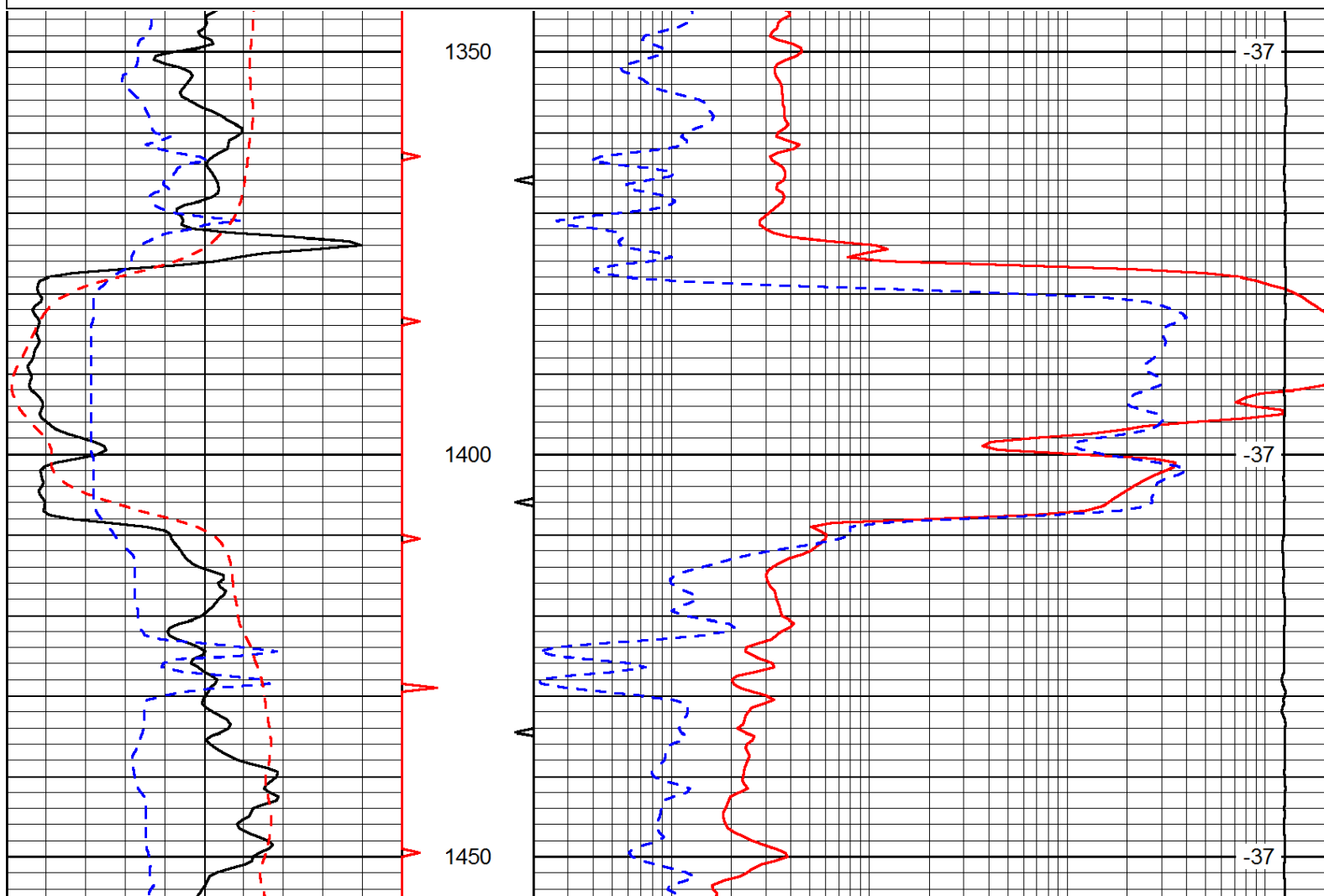


Database File: c:\warrior\data\wm ks energy_wasinger no. c-17\wmksenergyhd.db
Dataset Pathname: rag/wmksrag
Presentation Format: rag
Dataset Creation: Wed Aug 08 07:13:28 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	SP (mV)	0
0	RWA	0.5

0.2	Long Guard	2000
560	Neutron	2160
15000	Line Tension	0

LSPD



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