



**DIGITAL LOG** (785) 625-3858

**Radiation Guard  
Log**

15-063-21,957-00-00

API No.

Company **Ritchie Exploration, Inc.**

Well **Campbell-Joseph No.1**

Field

County **Gove**

State

**Kansas**

Location

**212' FSL & 638' FWL**

Other Services  
**NONE**

Sec: **19** Twp: **13S** Rge: **31W**

Permanent Datum **Ground Level** Elevation **2873**

Log Measured From **Kelly Bushing** **11** Ft. Above Perm. Datum

K.B. **2884**  
D.F. **2873**  
G.L.

Date **12/6/2011**

Run Number **One**

Depth Driller **4750**

Depth Logger **4754**

Bottom Logged Interval **4753**

Top Log Interval **200**

Casing Driller **8.625 @ 231**

Casing Logger **231**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity,ppm CL **3.000**

Density / Viscosity **9.3 57**

pH / Fluid Loss **9.5 8.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **.8 @ 42**

Rmf @ Meas. Temp **.6 @ 42**

Rmc @ Meas. Temp **1.08 @ 42**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.27 @ 124**

Operating Rig Time **2 1/2 Hours**

Max Rec. Temp. F **124**

Equipment Number **17**

Location **Hays**

Recorded By **C. Desai**

Witnessed By **Terry Mcleod**

<<< 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**

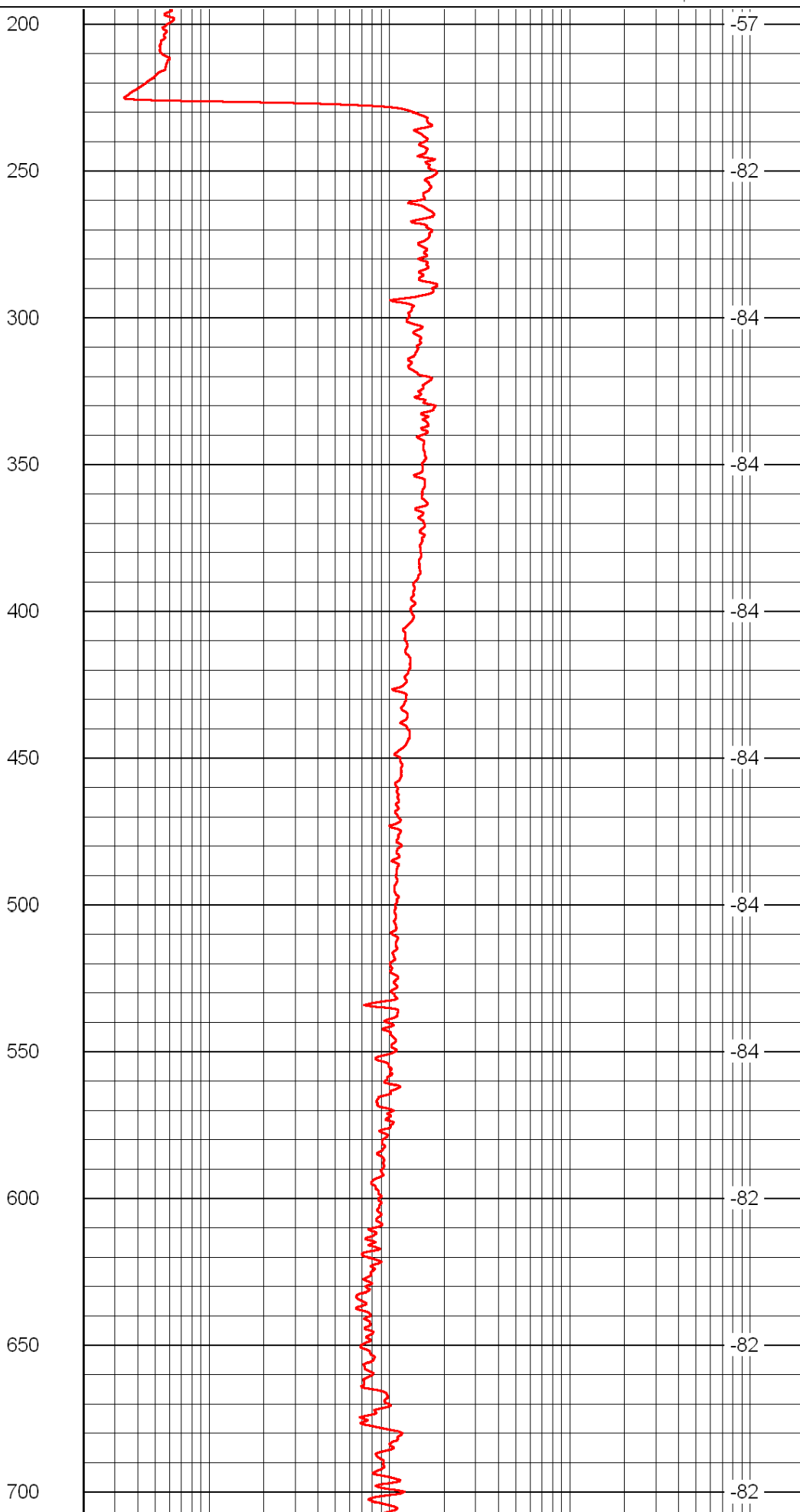
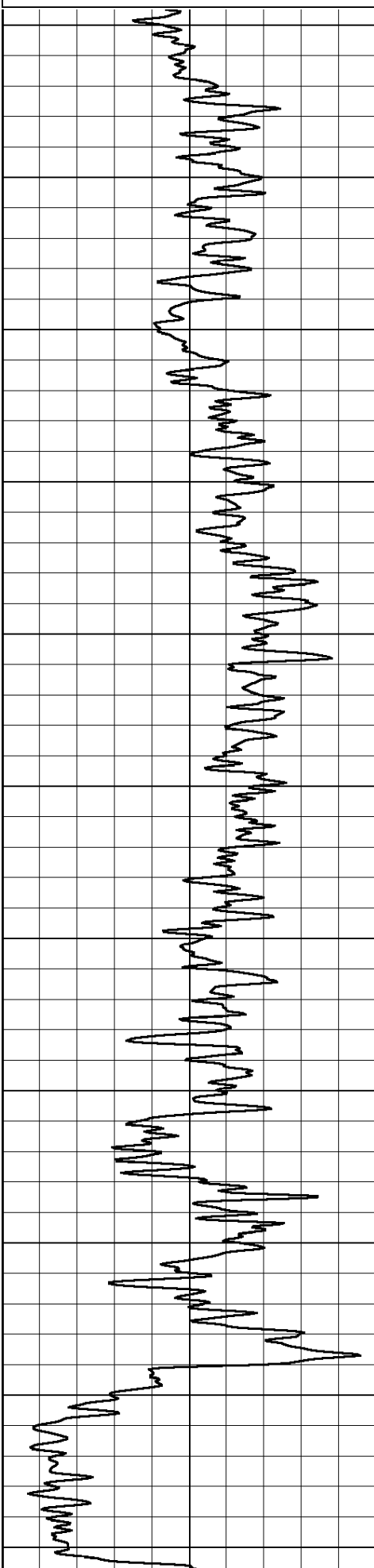
**Oakley KS, 13 S to Quail Rd,  
1 E, 1 S, 1 1/2 E, S Into 1 mile**

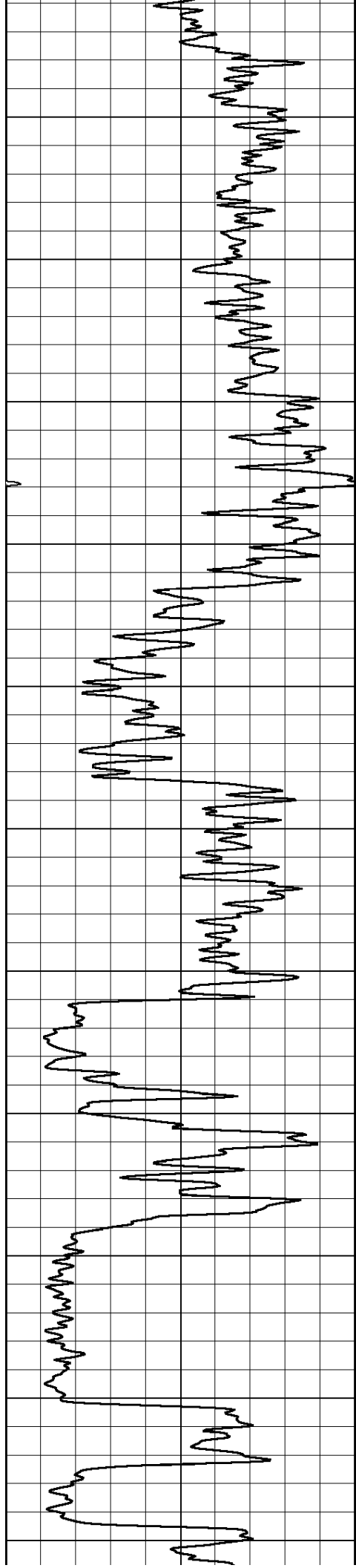
Database File: c:\warrior\data\ritchie\_campbell-joseph no.1\ritchiehd.db  
 Dataset Pathname: rag/ritchrag  
 Presentation Format: rag2in  
 Dataset Creation: Tue Dec 06 20:34:49 2011  
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 150

0.2 lgrd 2000

LSPD





750

800

850

900

950

1000

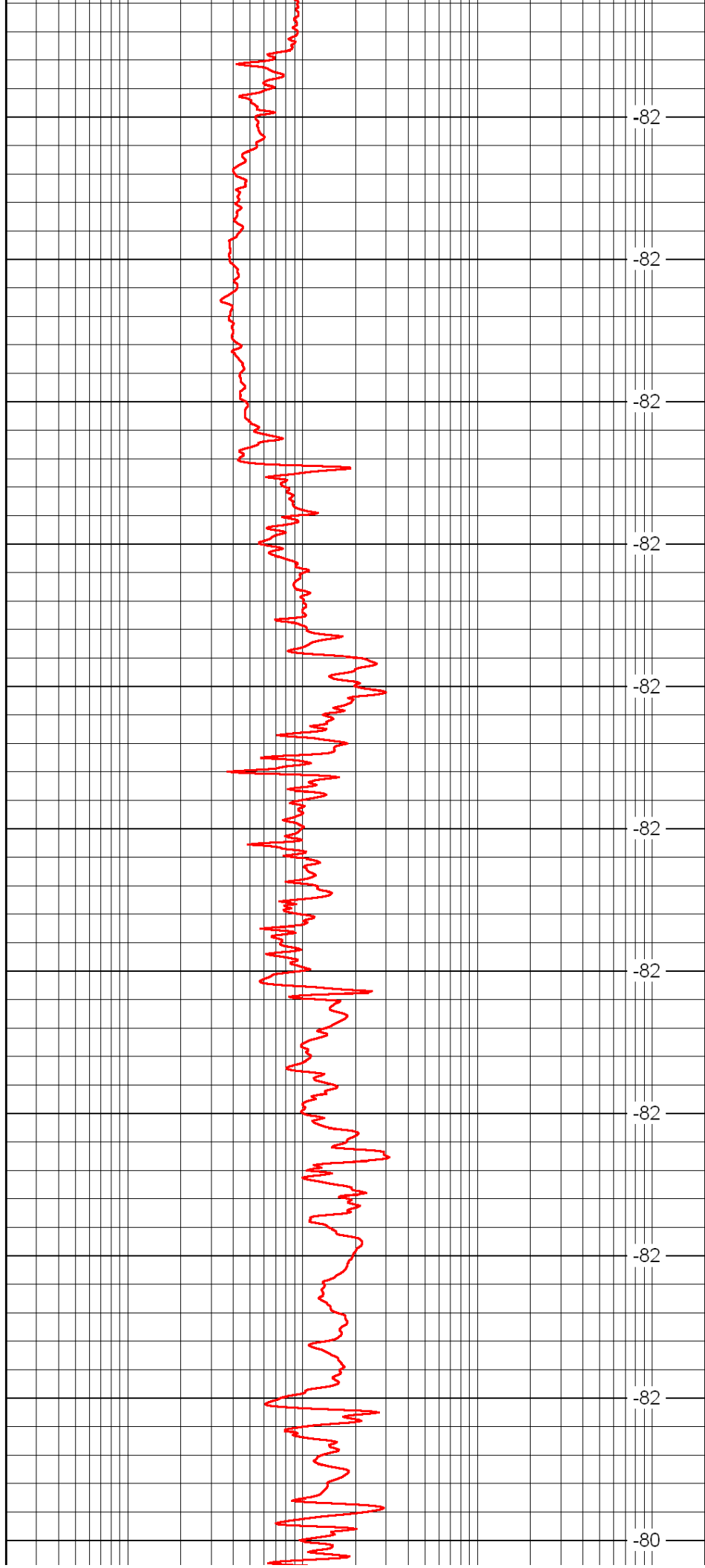
1050

1100

1150

1200

1250



-82

-82

-82

-82

-82

-82

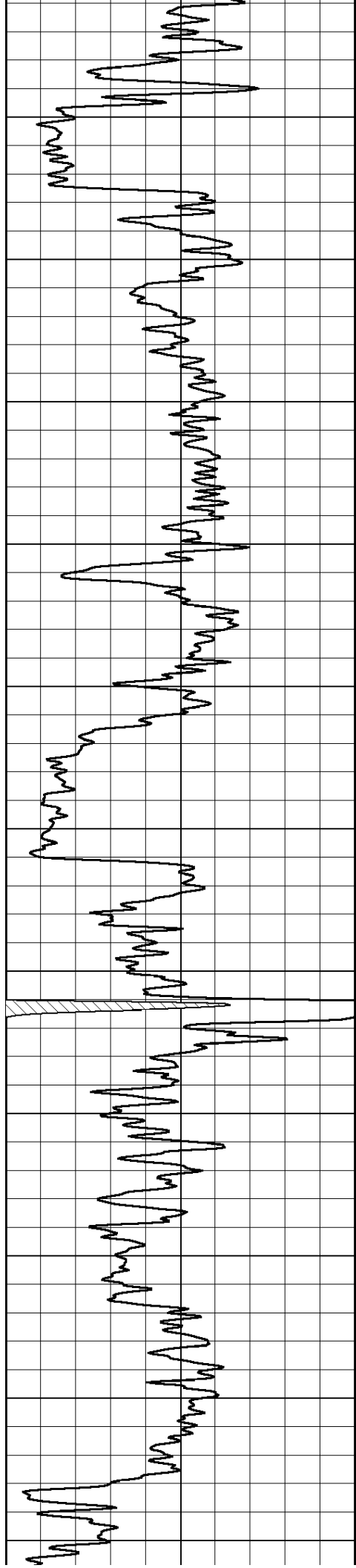
-82

-82

-82

-82

-80



1300

1350

1400

1450

1500

1550

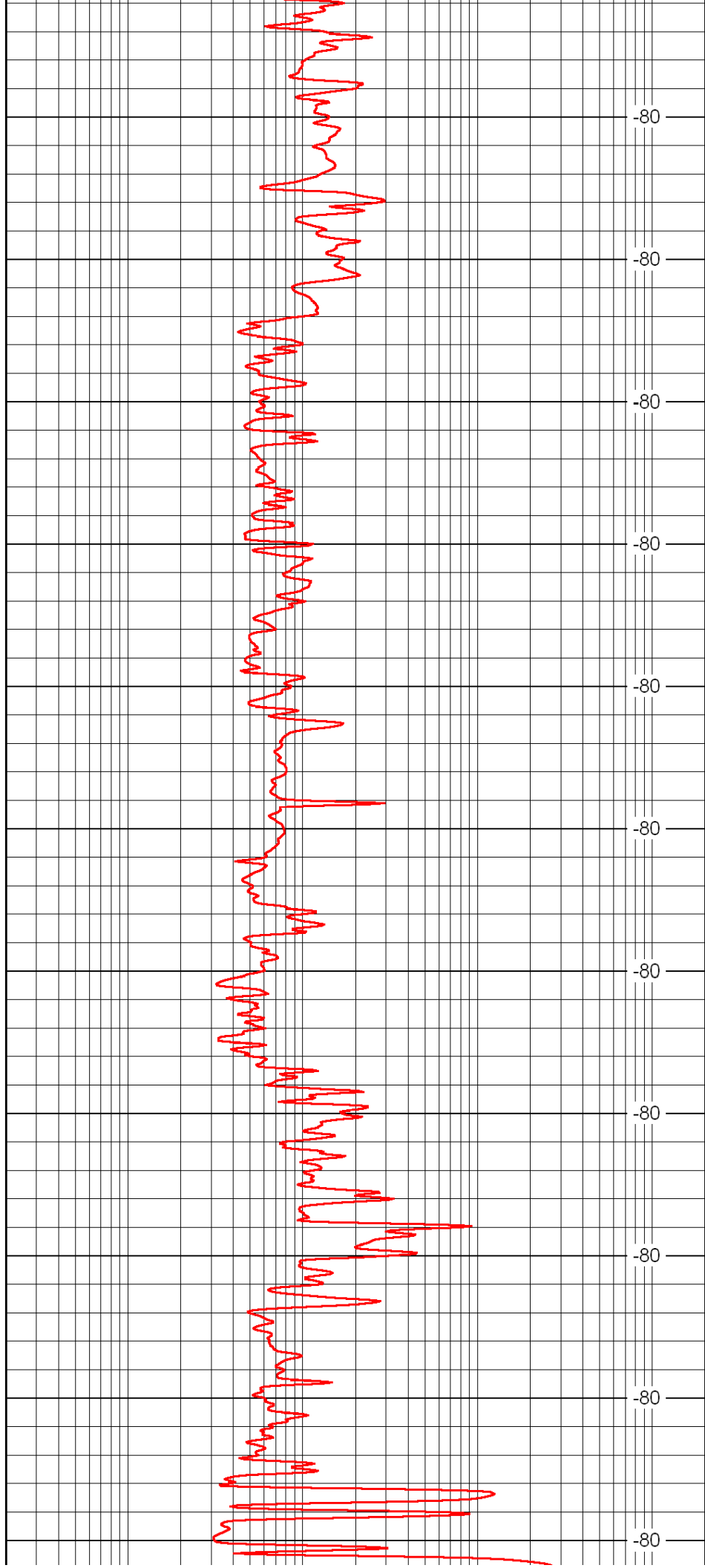
1600

1650

1700

1750

1800



-80

-80

-80

-80

-80

-80

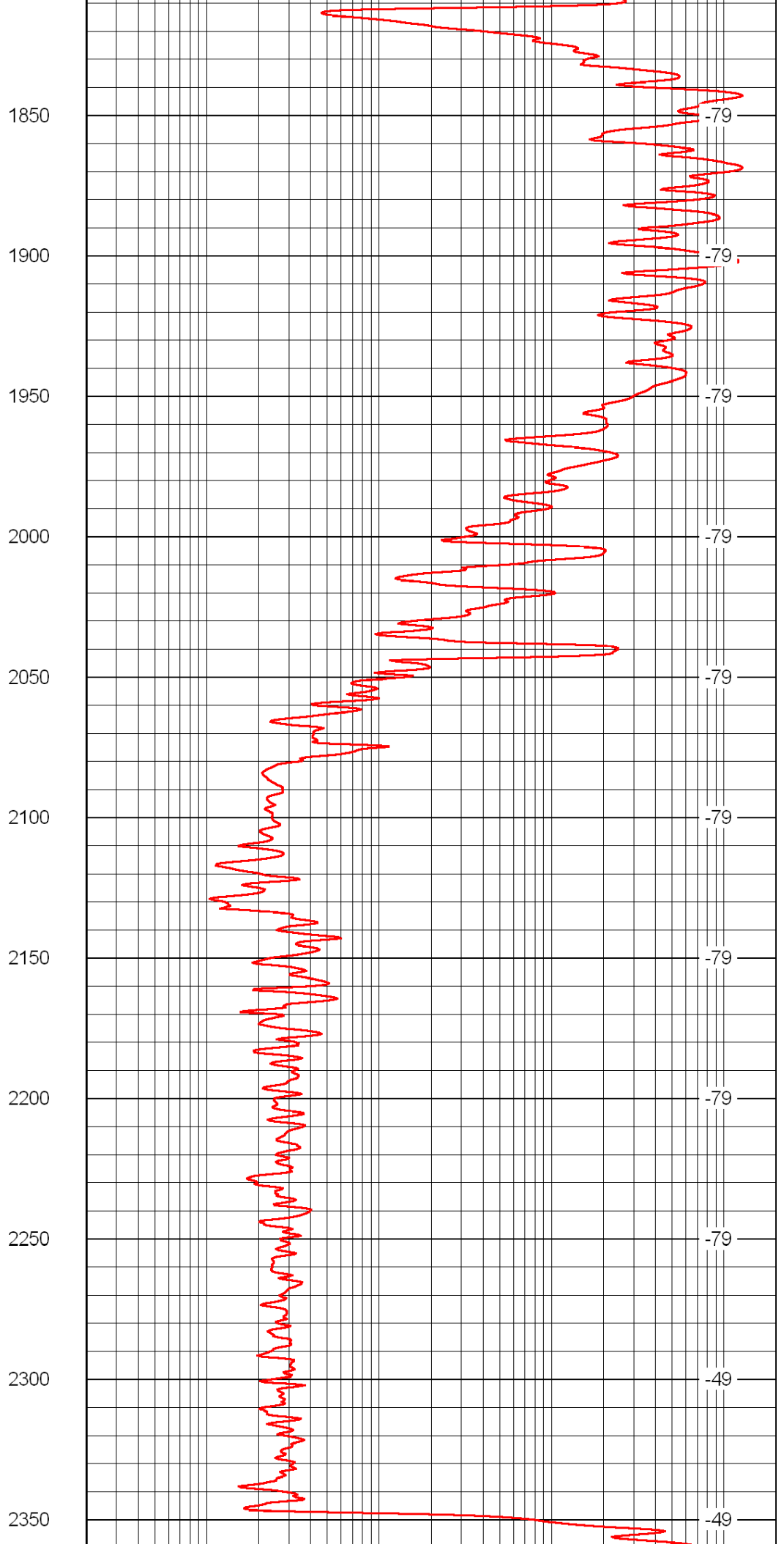
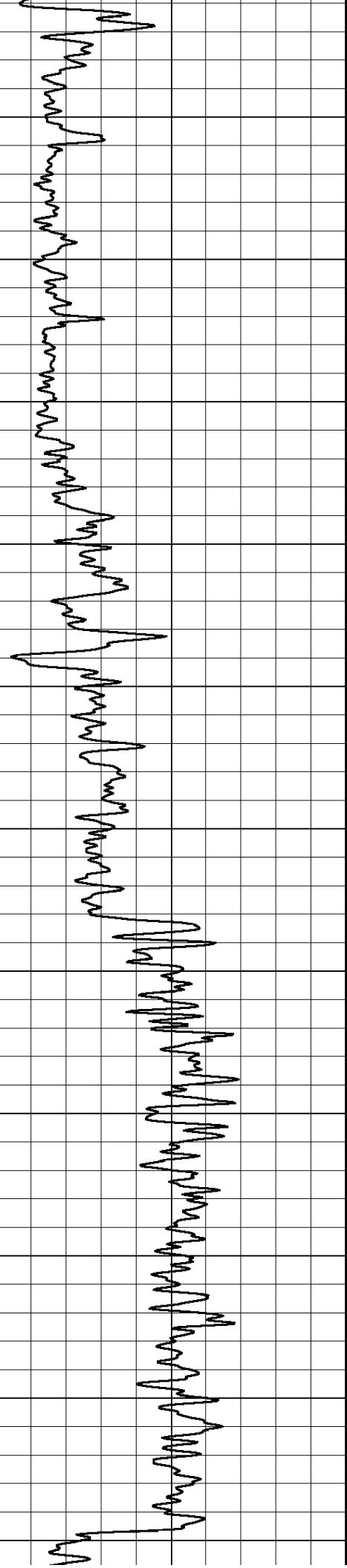
-80

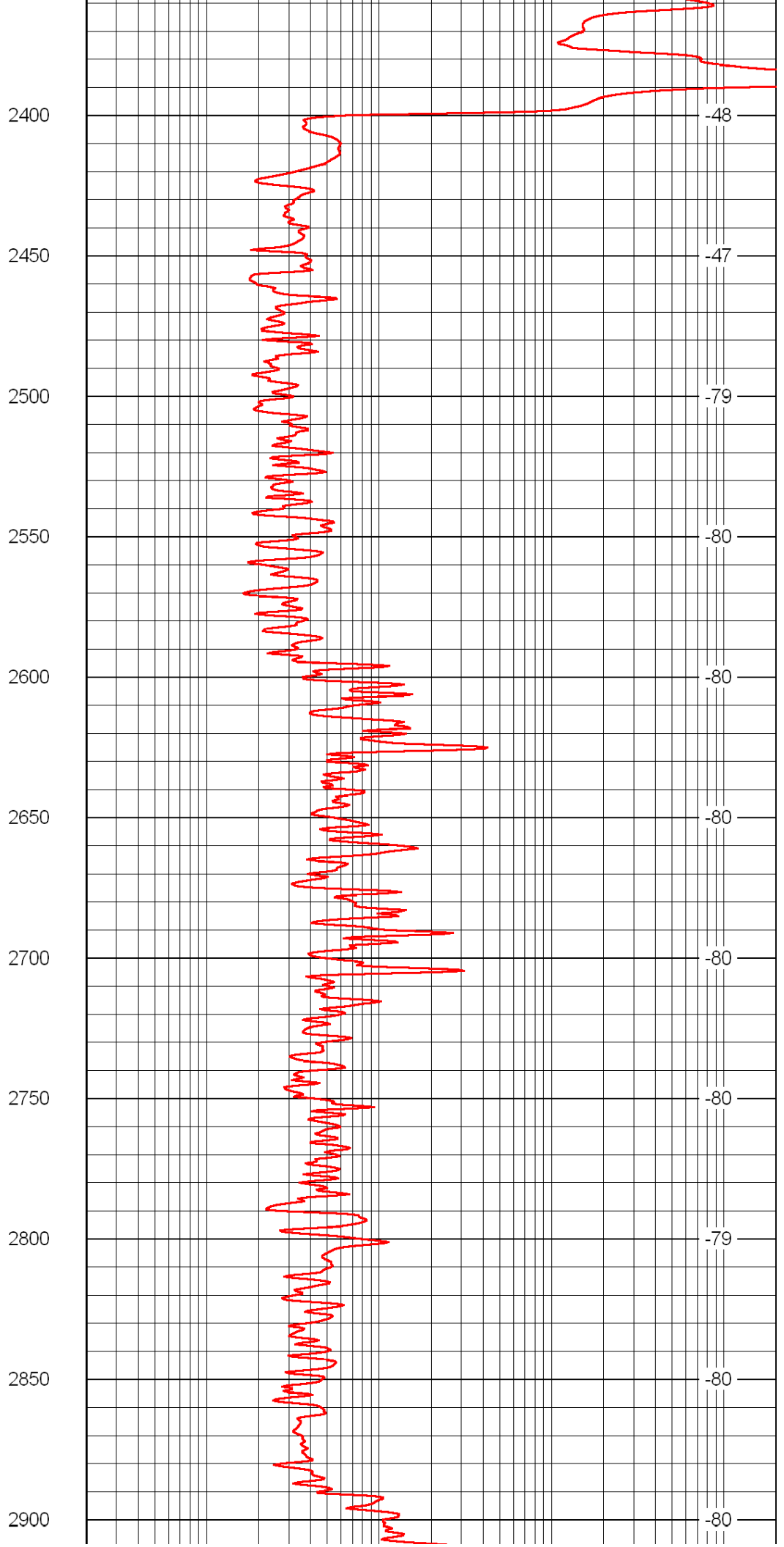
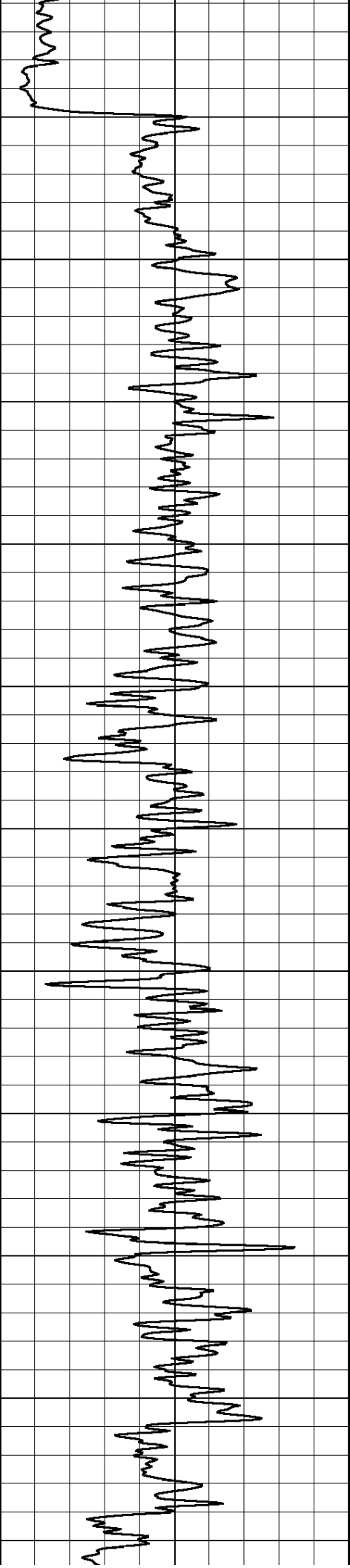
-80

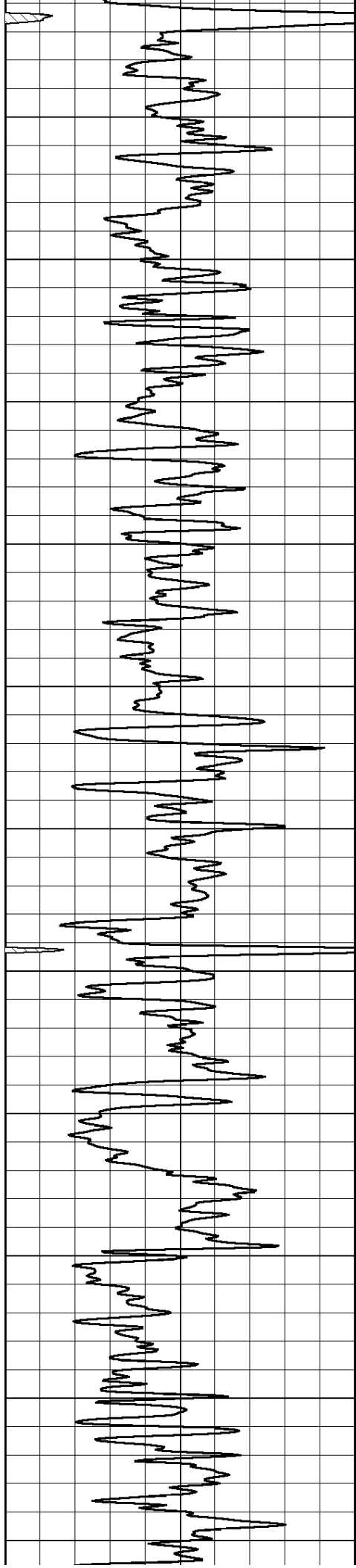
-80

-80

-80







2950

3000

3050

3100

3150

3200

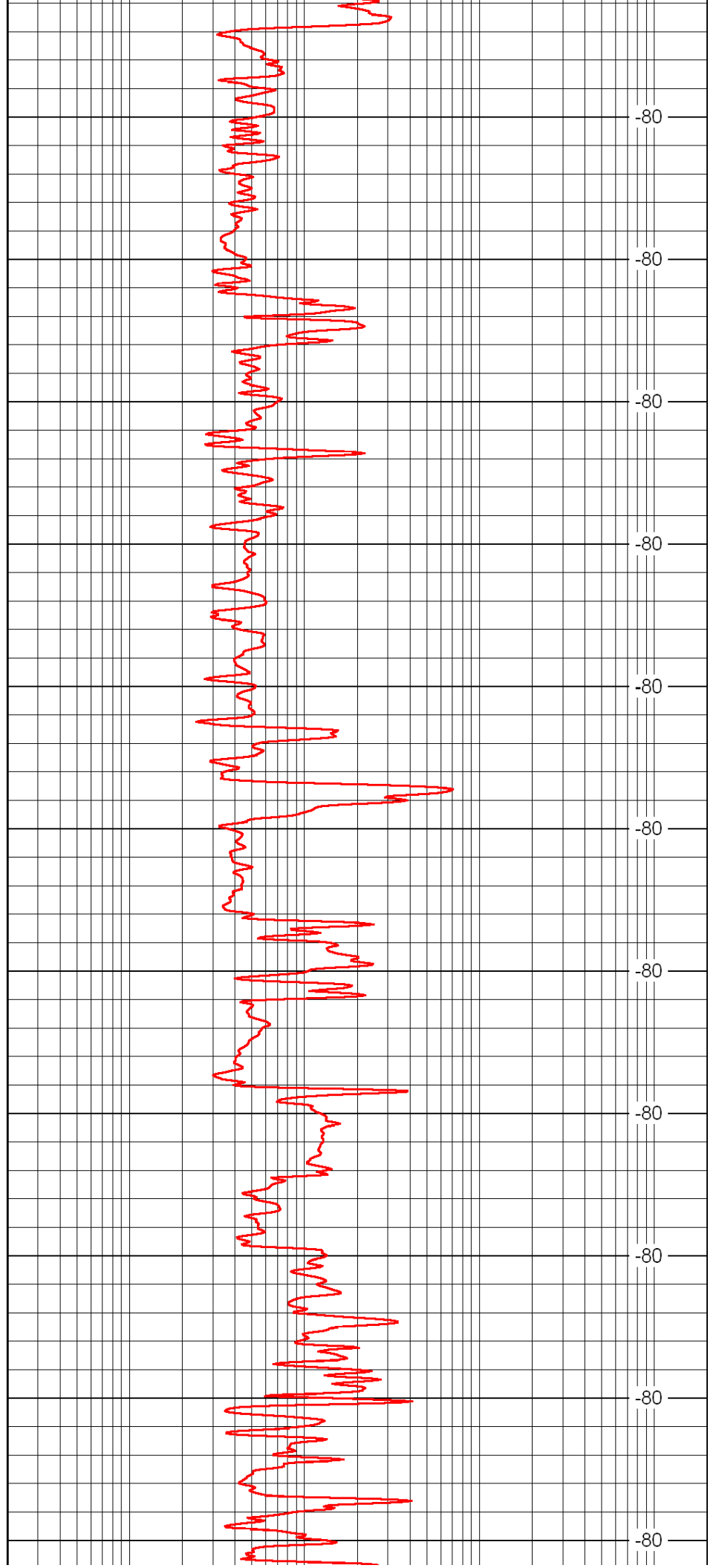
3250

3300

3350

3400

3450



-80

-80

-80

-80

-80

-80

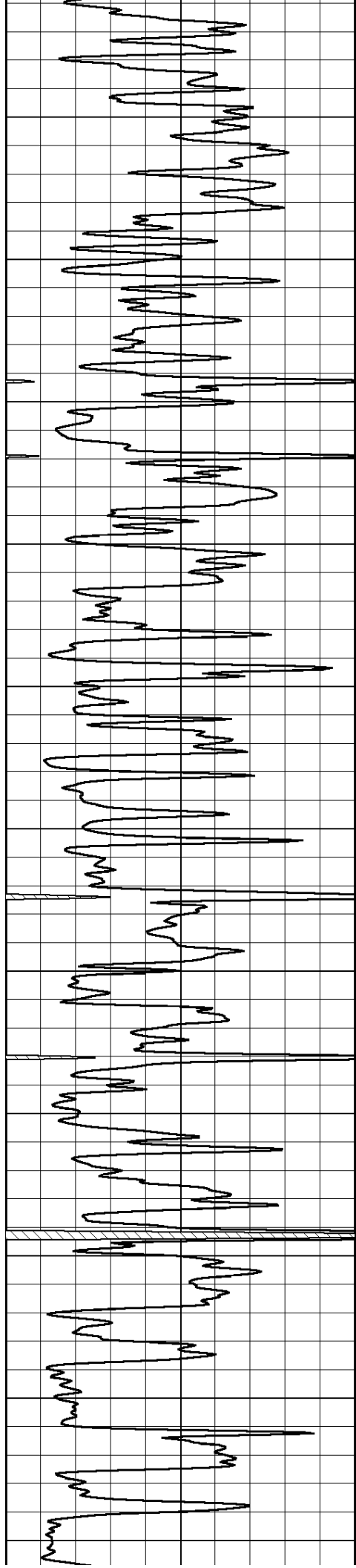
-80

-80

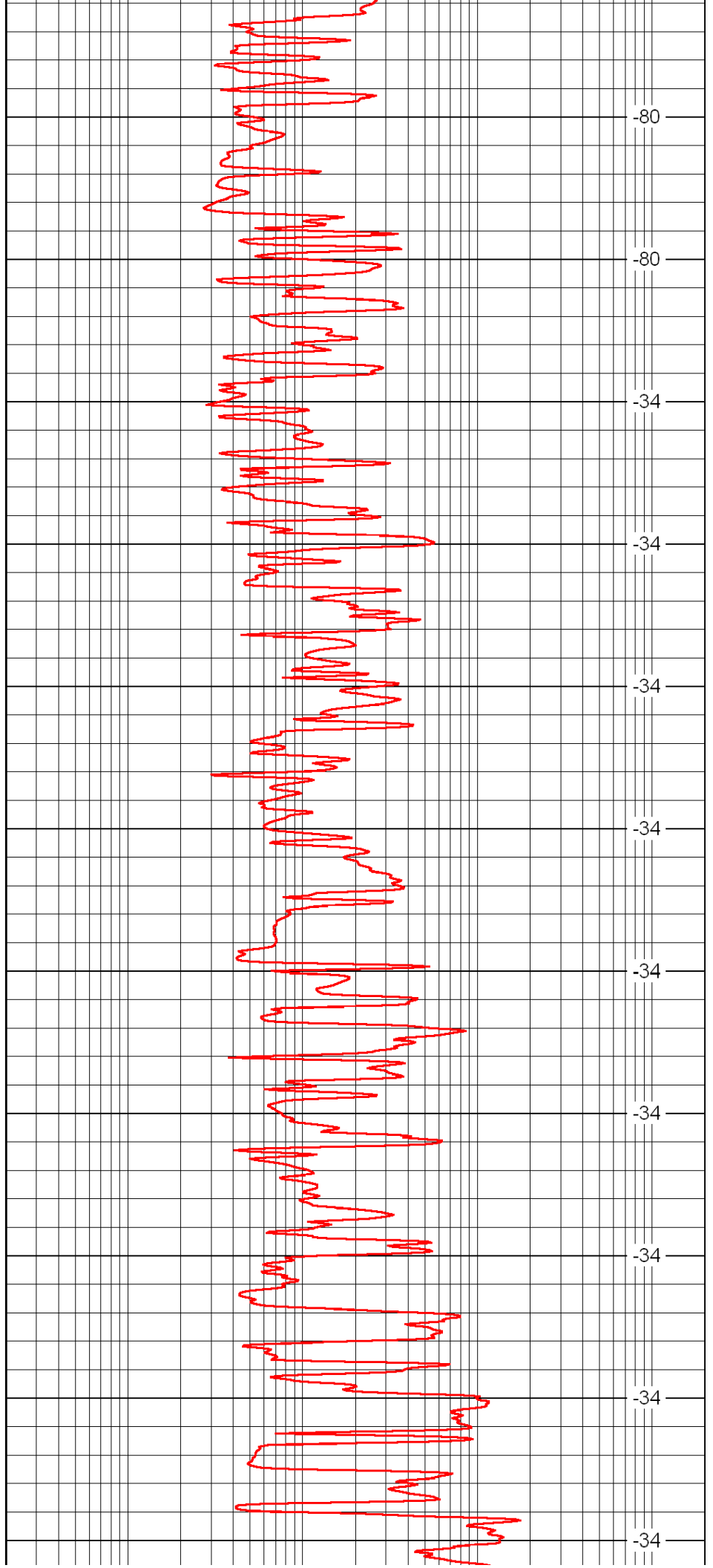
-80

-80

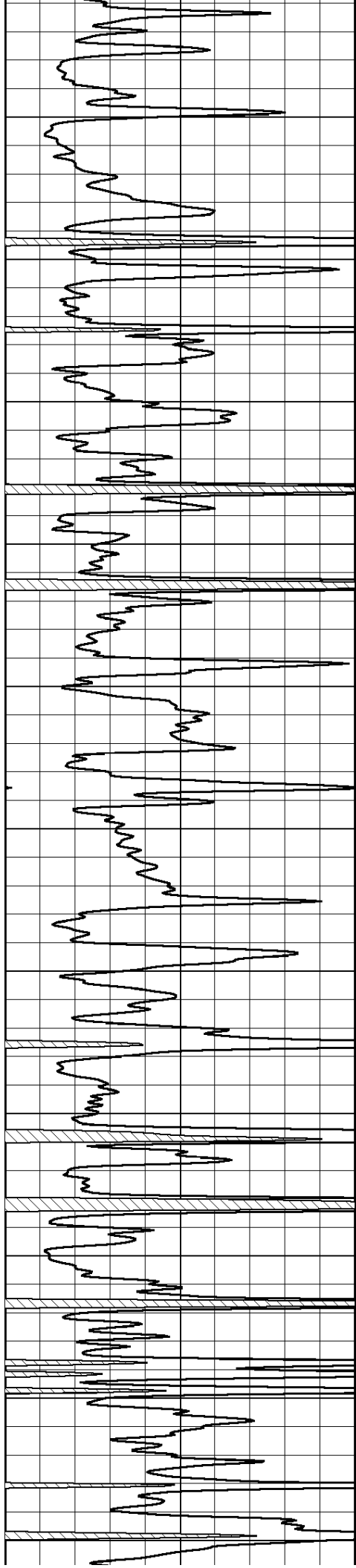
-80



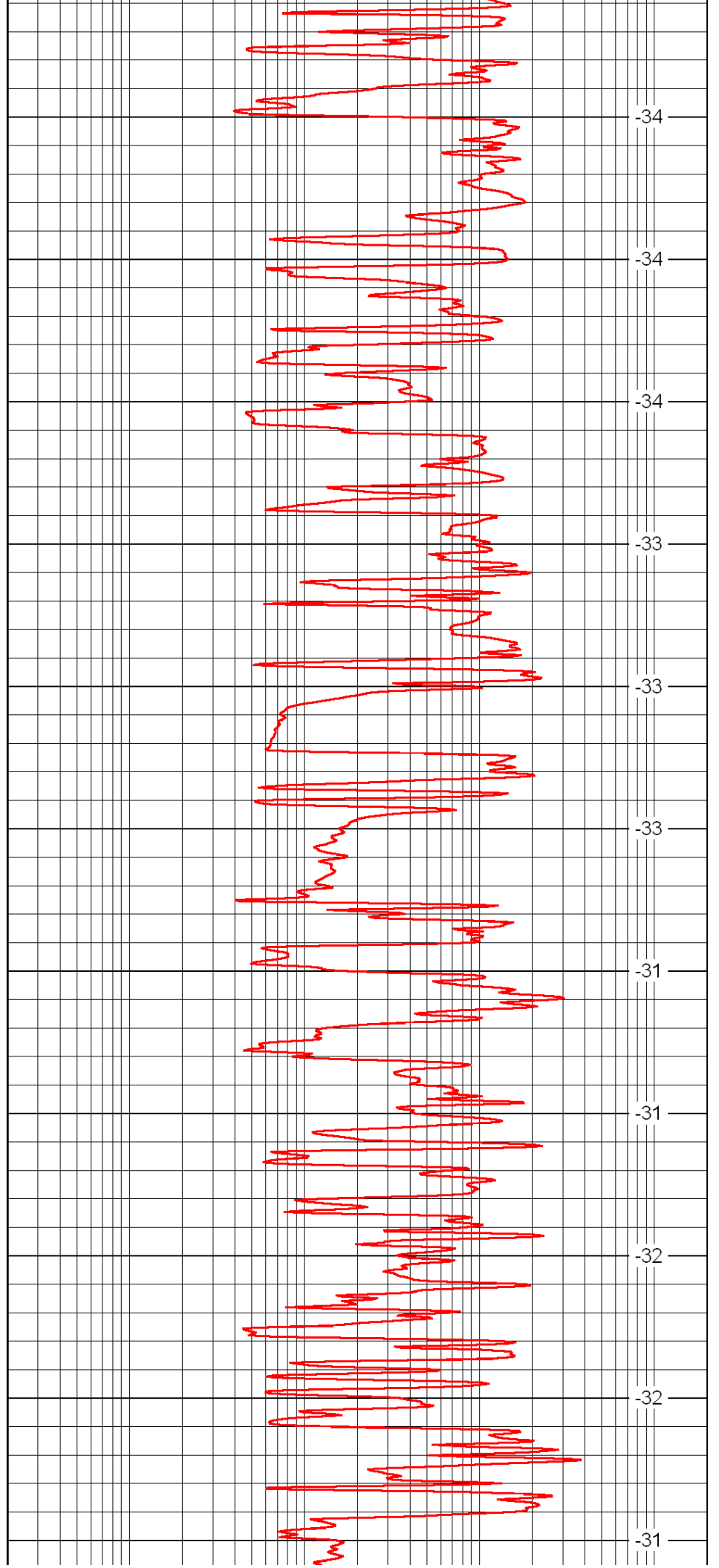
3500  
3550  
3600  
3650  
3700  
3750  
3800  
3850  
3900  
3950  
4000



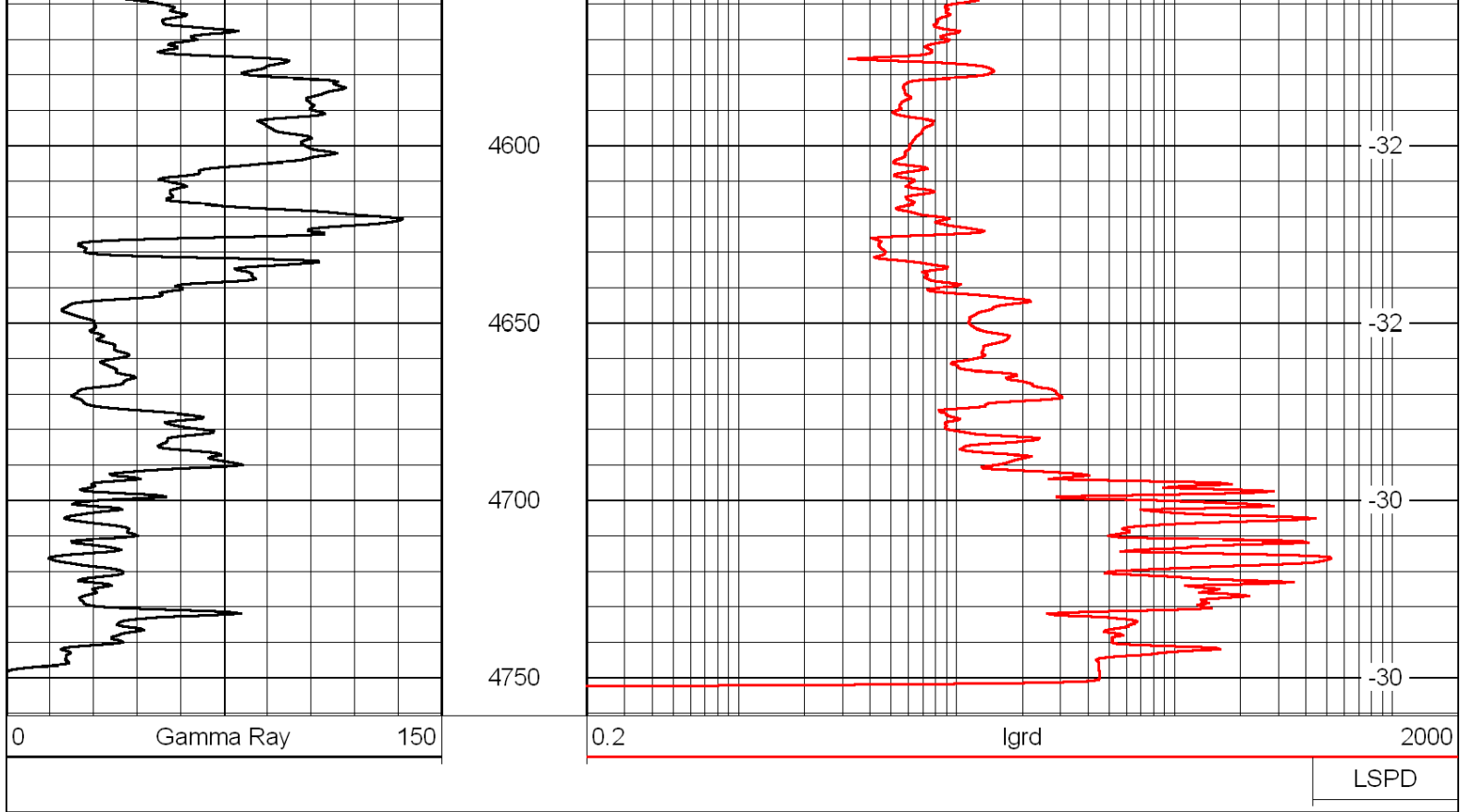
-80  
-80  
-34  
-34  
-34  
-34  
-34  
-34  
-34  
-34  
-34



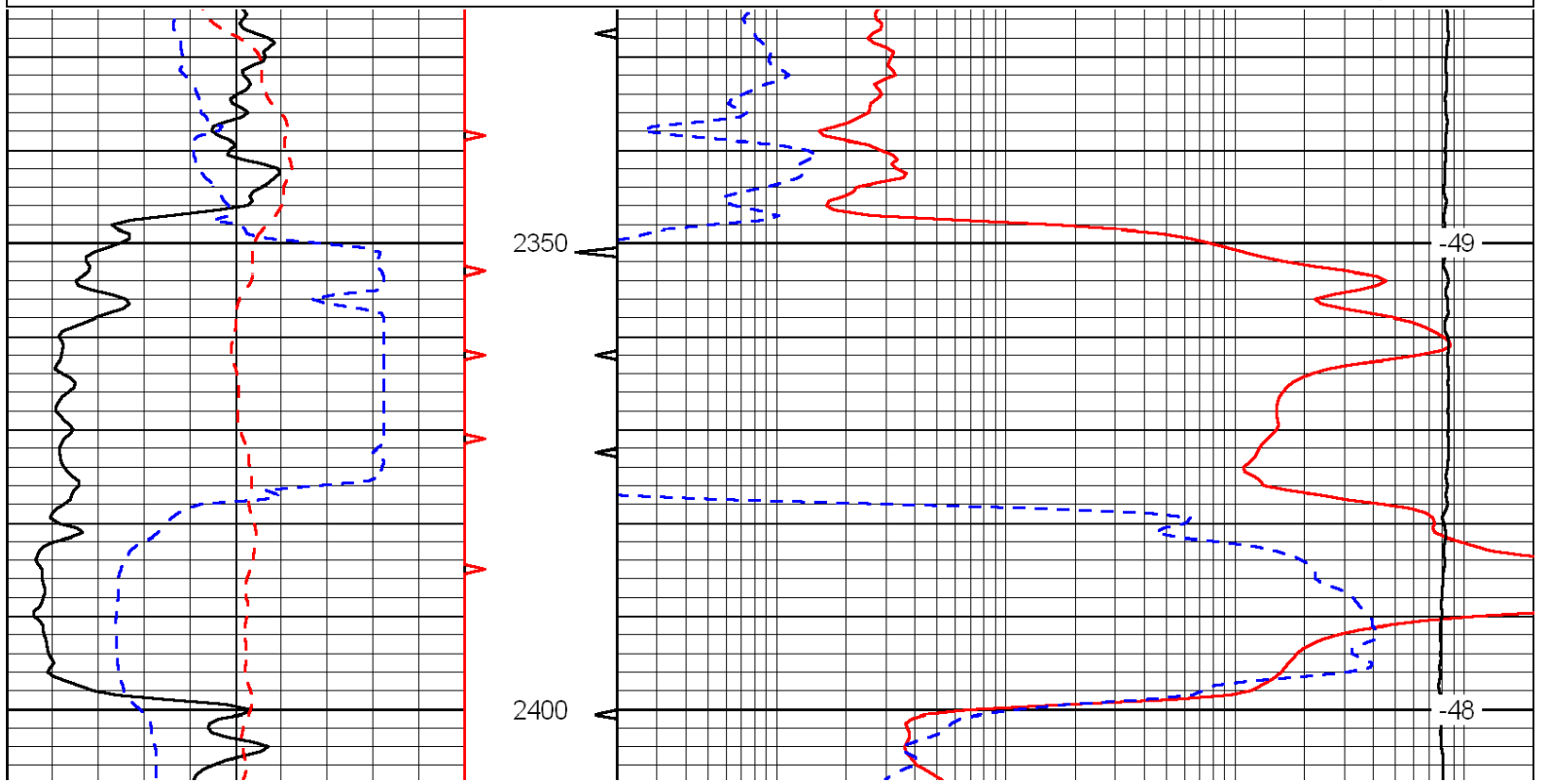
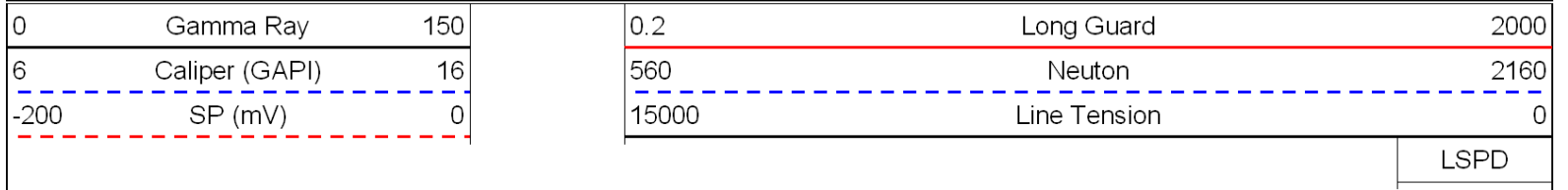
4050  
4100  
4150  
4200  
4250  
4300  
4350  
4400  
4450  
4500  
4550

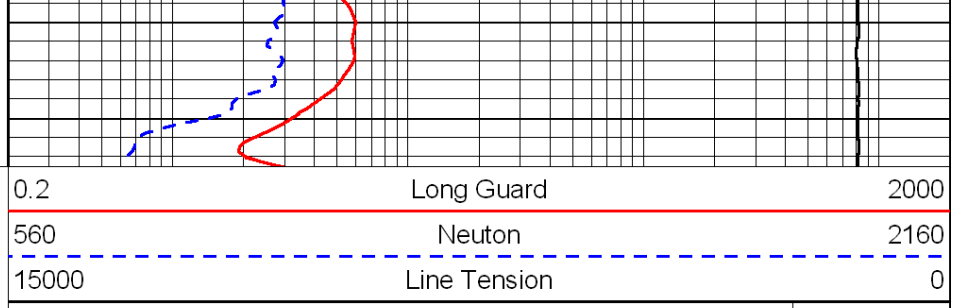
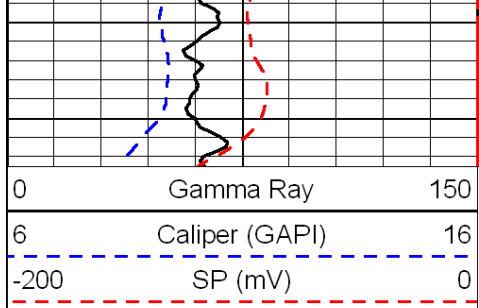


-34  
-34  
-34  
-33  
-33  
-33  
-31  
-31  
-32  
-32  
-31



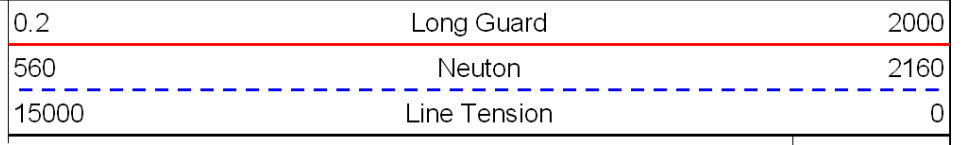
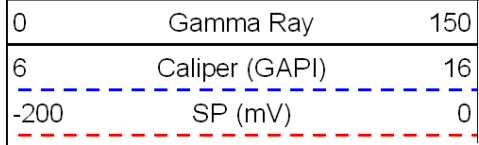
Database File: c:\warrior\data\ritchie\_campbell-joseph no. 1\ritchiehd.db  
 Dataset Pathname: rag/ritchrag  
 Presentation Format: rag  
 Dataset Creation: Tue Dec 06 20:34:49 2011  
 Charted by: Depth in Feet scaled 1:240





LSPD

Database File: c:\warrior\data\ritchie\_campbell-joseph no.1\ritchiehd.db  
 Dataset Pathname: rag/ritchrag  
 Presentation Format: rag  
 Dataset Creation: Tue Dec 06 20:34:49 2011  
 Charted by: Depth in Feet scaled 1:240



LSPD

