

# LOG-TECH



## Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-159-22,595-00-00

Company Lebsack Oil Production

Well Bensch No.1

Field Groves

County

Rice

State

Kansas

Location

N/2 SE NE  
1650' FNL & 660' FEL

Sec: 33

Twp: 20S

Rge: 10W

Elevation

Permanent Datum Ground Level  
Log Measured From Kelly Bushing  
Drilling Measured From Kelly Bushing

Elevation 1717  
13.5 Ft. Above Perm. Datum

Other Services  
CNL/CDL  
MEL  
K.B. 1730.5  
D.F. 1717  
G.L. 1717

Date

7/30/2009

Run Number

One

Depth Driller

3380

Depth Logger

3377

Bottom Logged Interval

3376

Top Log Interval

250

Casing Driller

8.625 @ 271

Casing Logger

255

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

3.300

Density / Viscosity

9.0 61

pH / Fluid Loss

11.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.8 @ 75

Rmf @ Meas. Temp

.6 @ 75

Rmc @ Meas. Temp

1.08 @ 75

Source of Rmf / Rmc

Charts

Rm @ BHT

.55 @ 110

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

110

Equipment Number

15

Location

Hays

Recorded By

C. Desaire

Witnessed By

Wayne Lebsack

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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

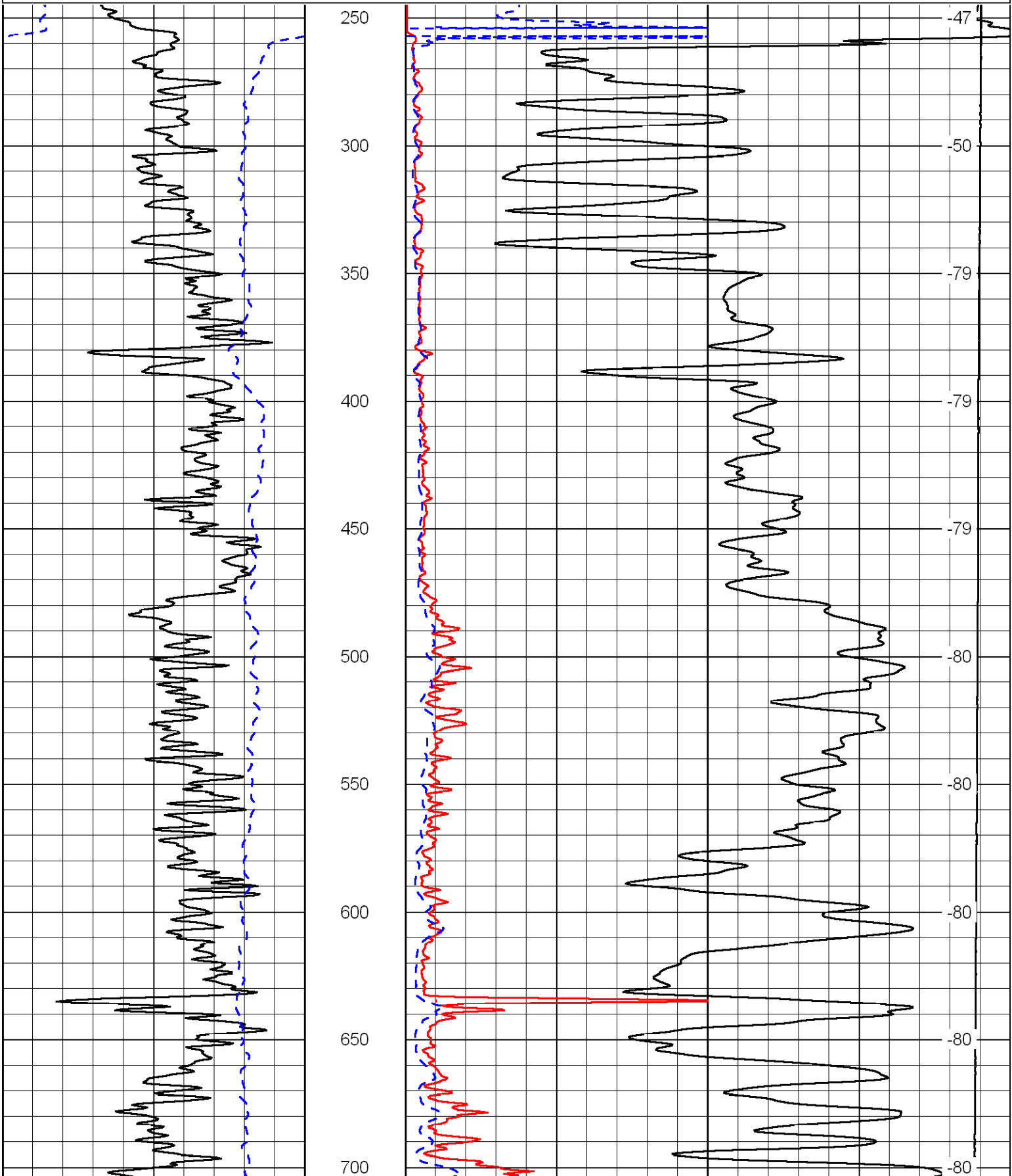
Thank you for using Log-Tech, Inc.  
(785) 625-3858

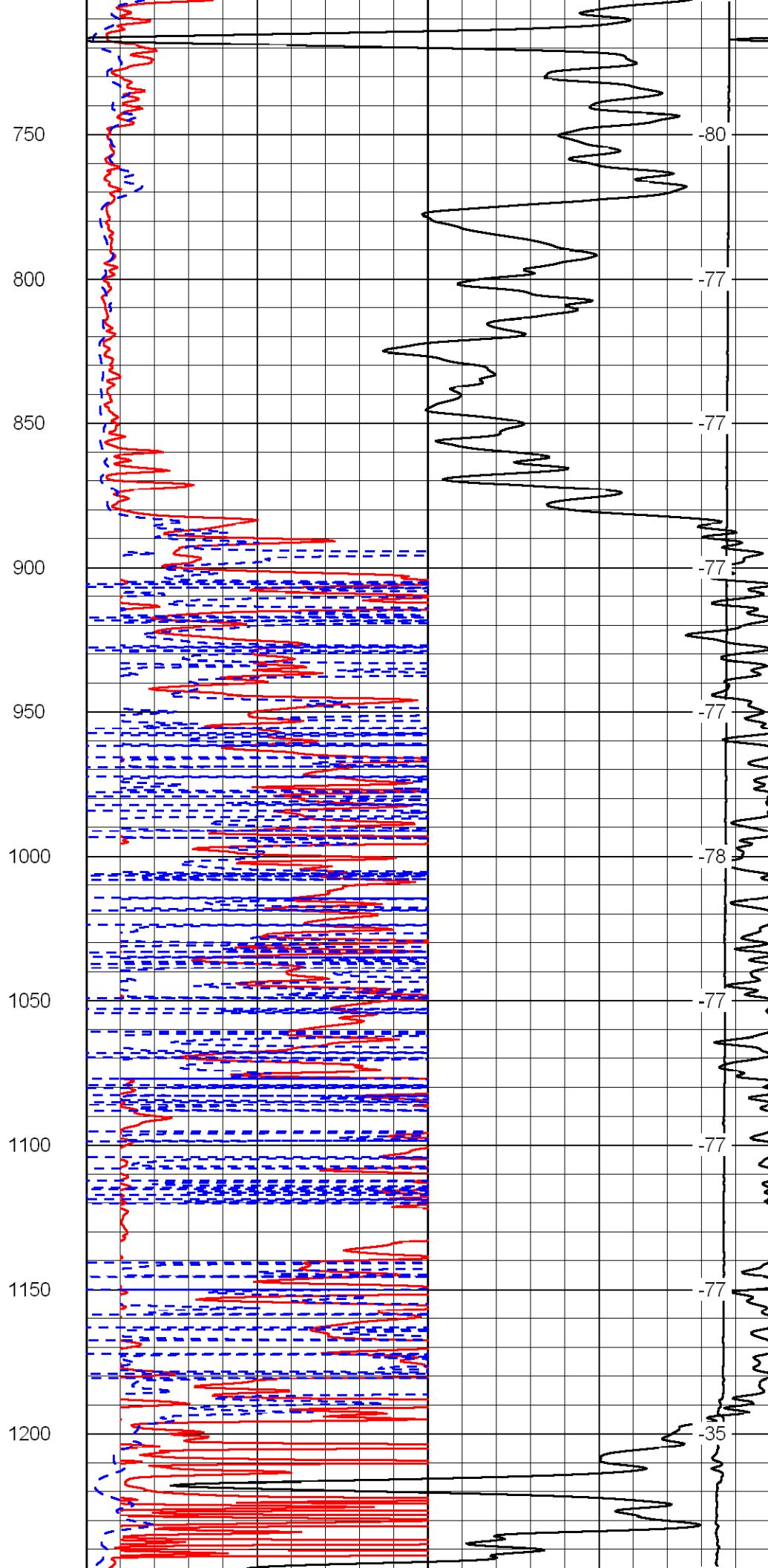
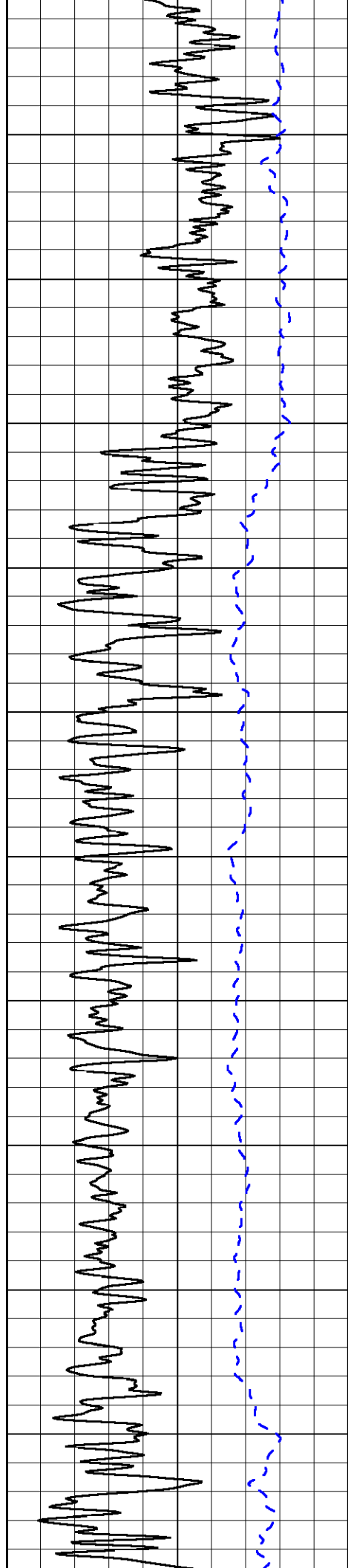
Raymond, 1/2 S, 1/2 W, S Into

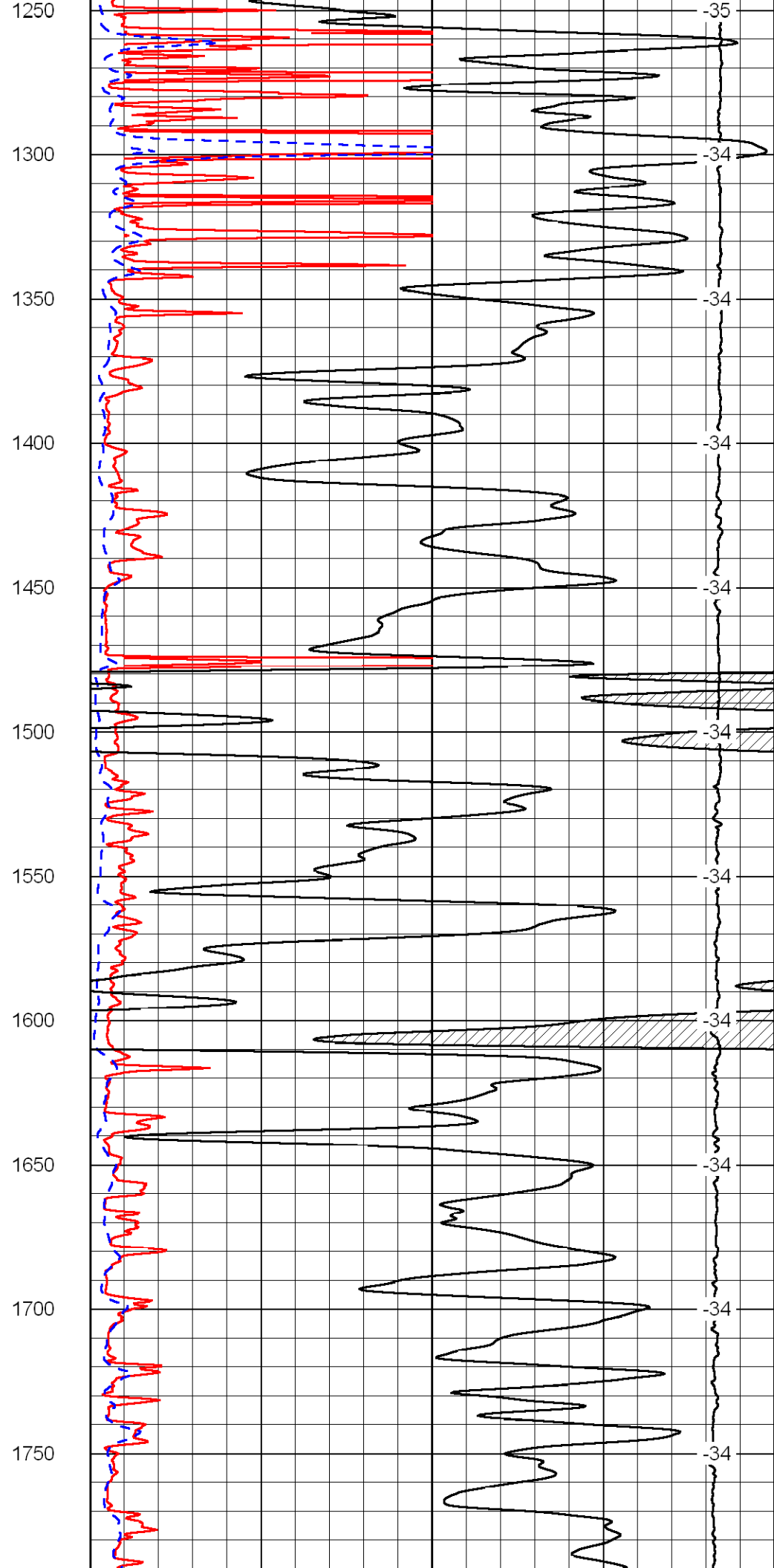
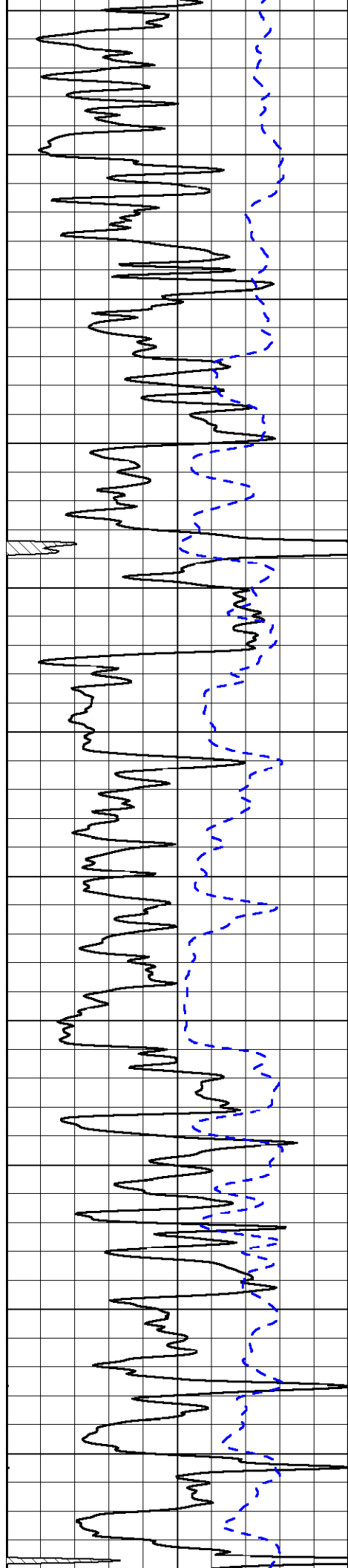
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Dataset Pathname: dil\lbskstk  
Presentation Format: dil2in  
Dataset Creation: Thu Jul 30 14:15:02 2009  
Charted by: Depth in Feet scaled 1:600

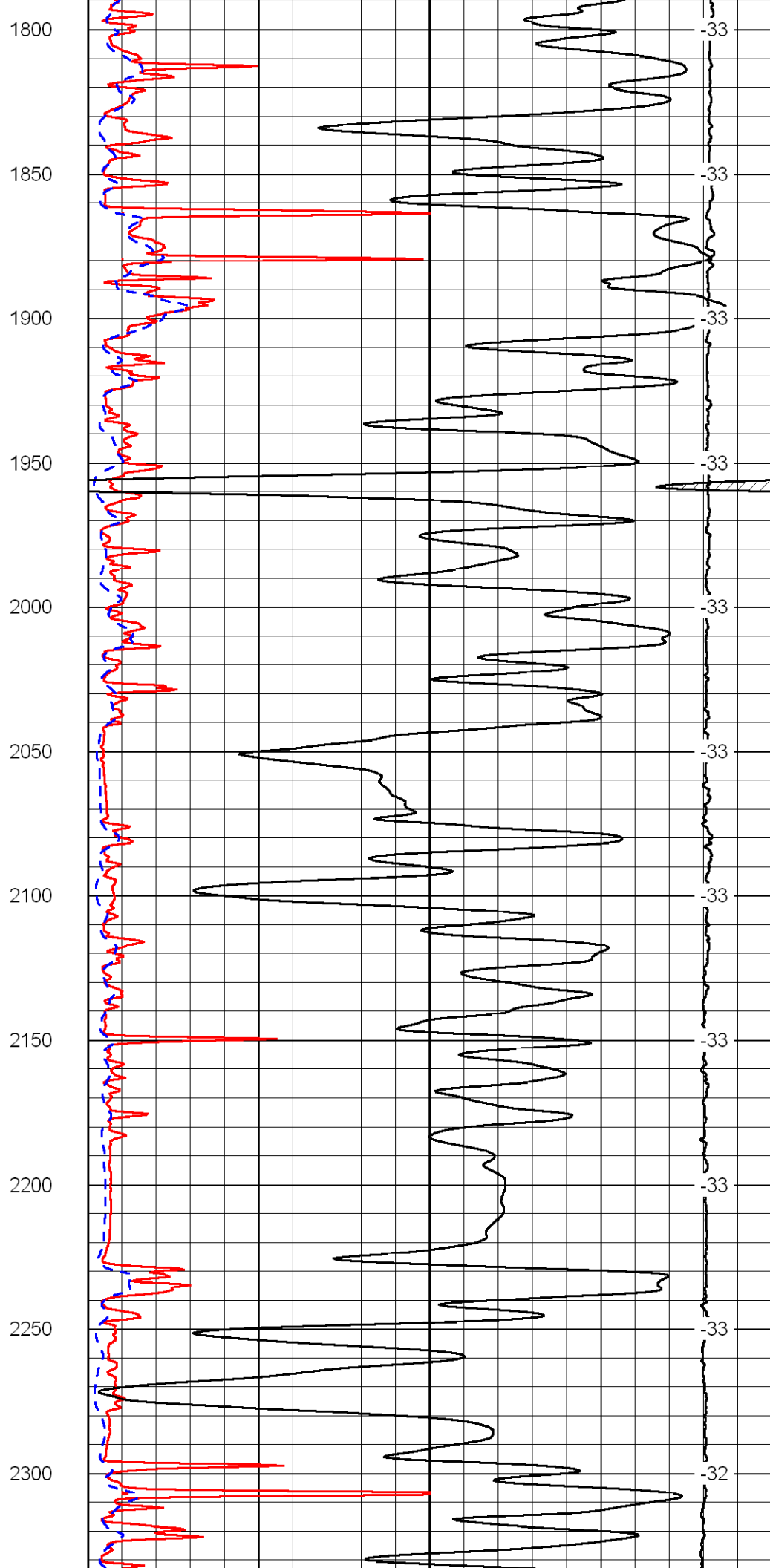
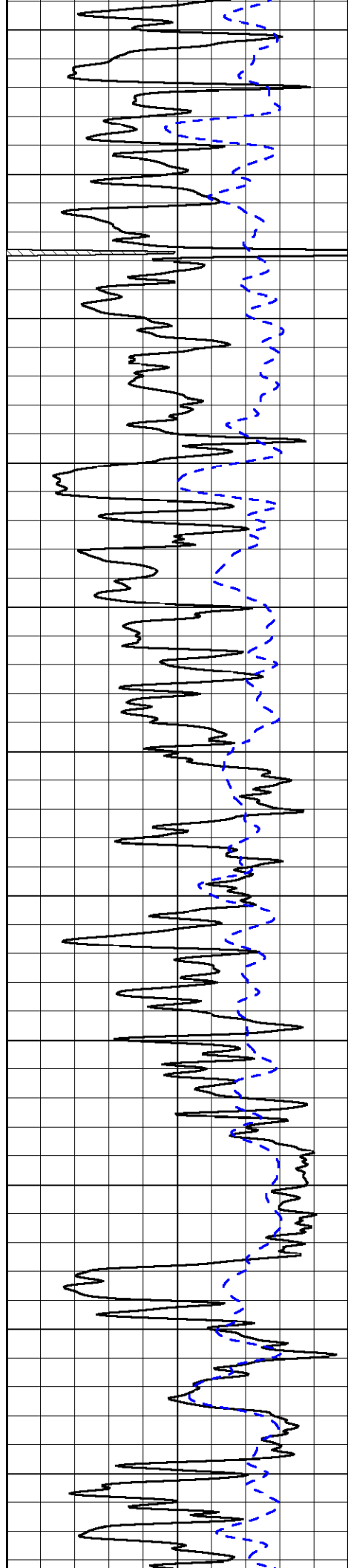
|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP (MV)   | 0   |

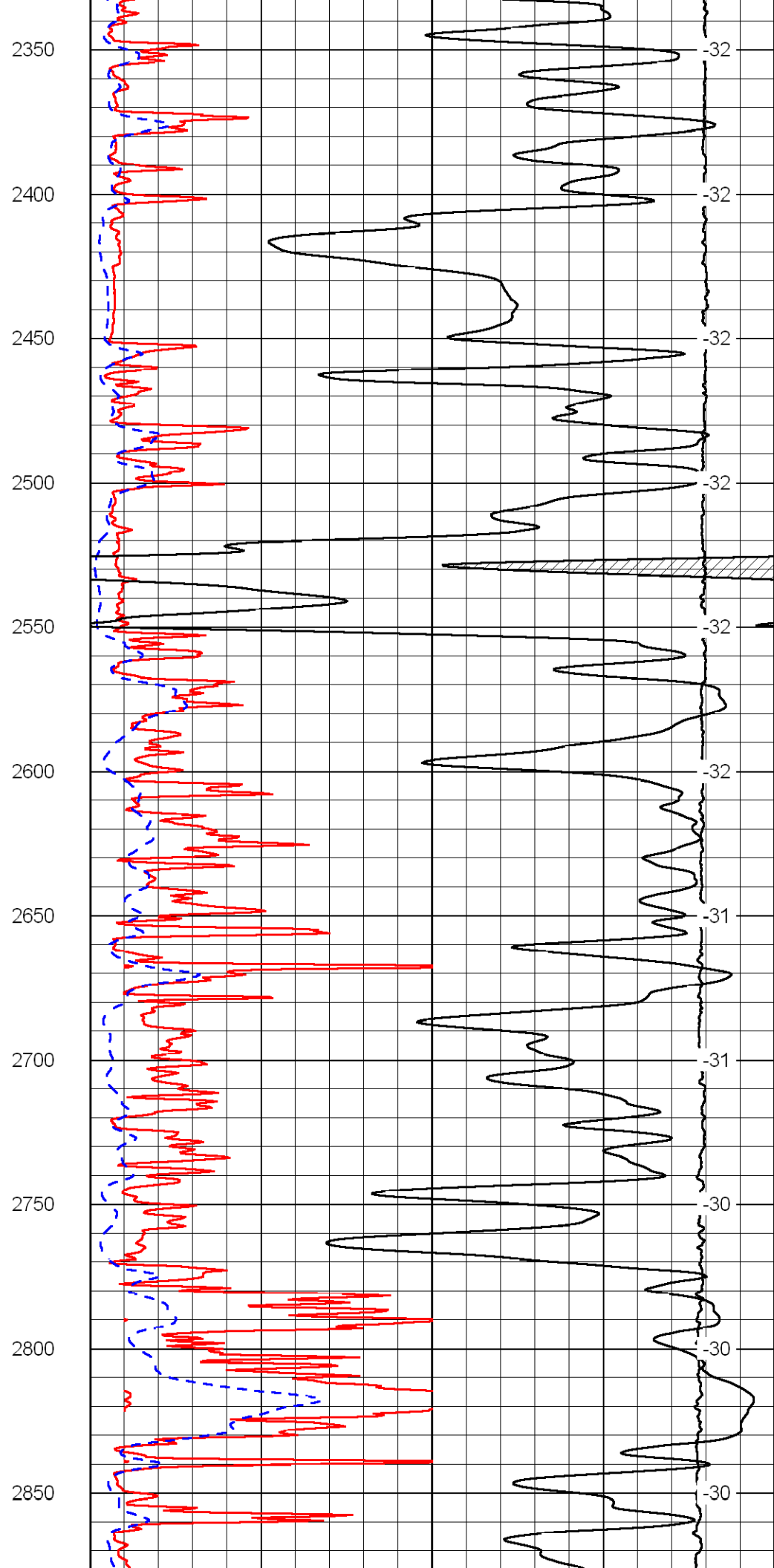
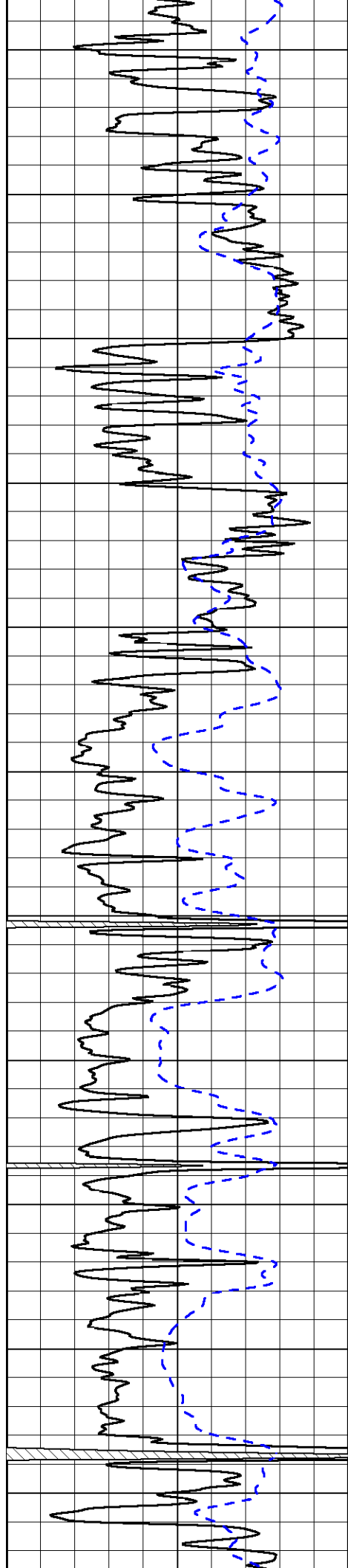
|                     |                             |     |
|---------------------|-----------------------------|-----|
| 0                   | Shallow Resistivity (Ohm-m) | 50  |
| 0                   | Deep Resistivity (Ohm-m)    | 50  |
| 1000                | Conductivity (mmho/m)       | 0   |
| 15000               | Line Tension (lb)           | 0   |
| Shallow Resistivity |                             |     |
| 50                  | (Ohm-m)                     | 500 |
| 50                  | Deep Resistivity (Ohm-m)    | 500 |

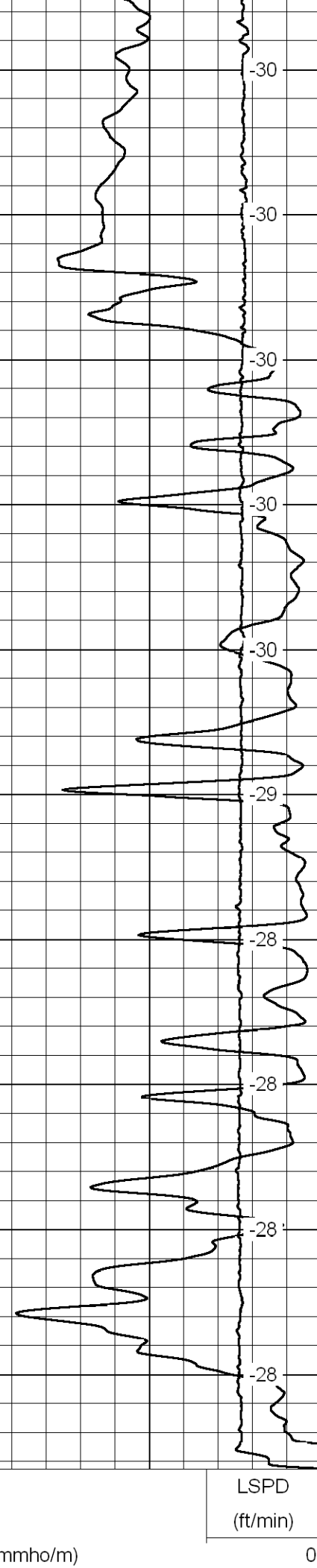
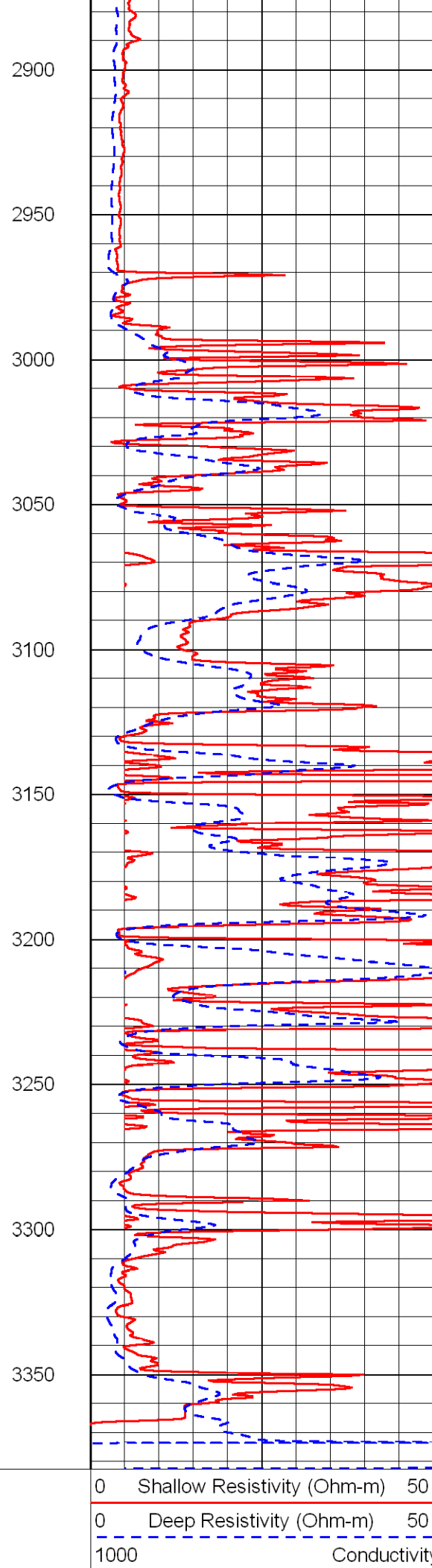
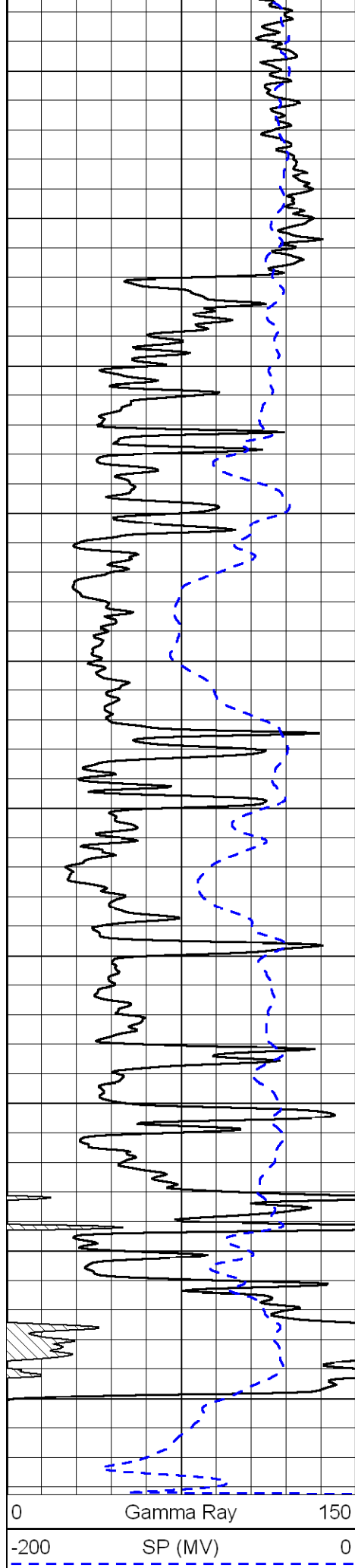








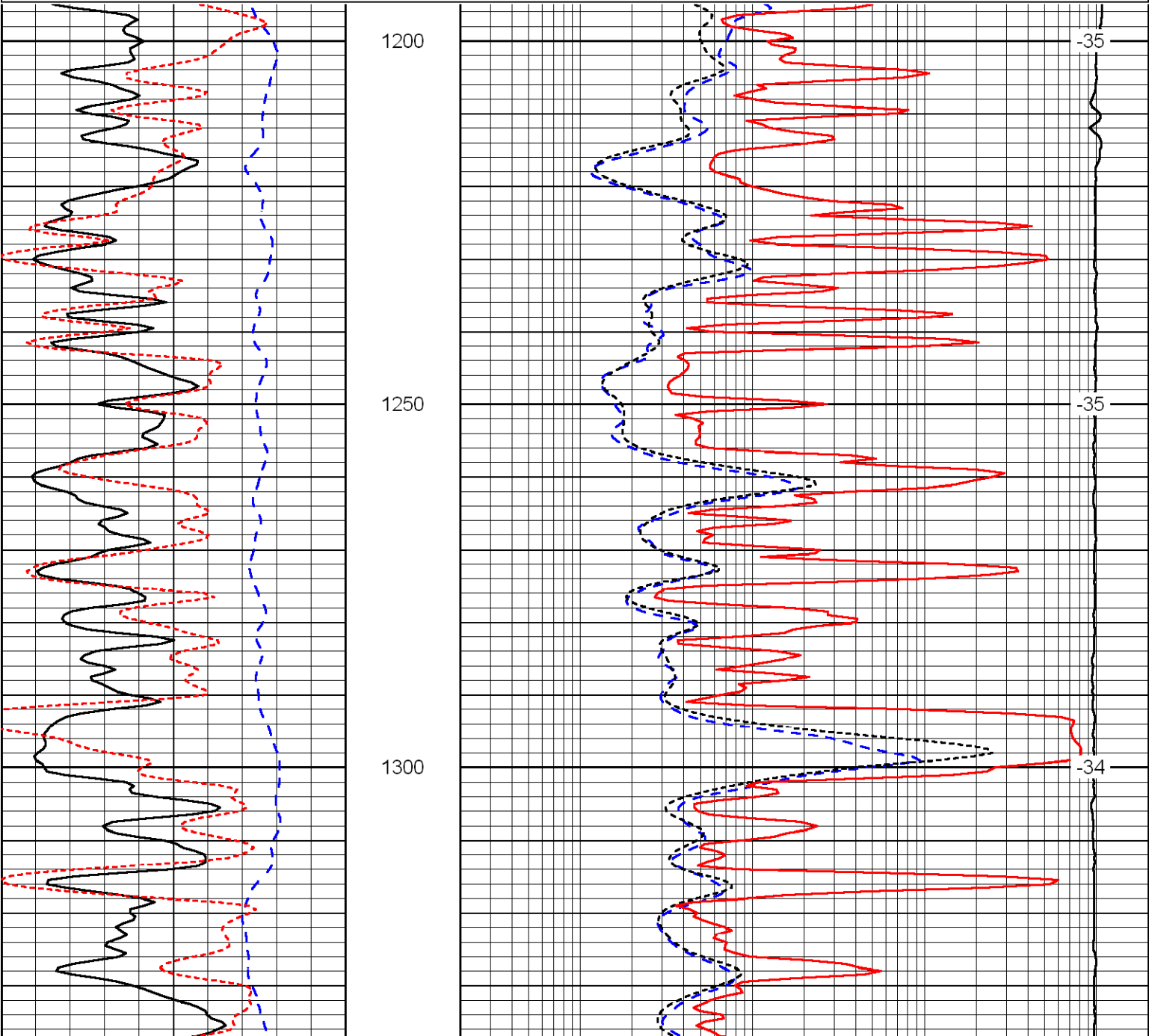


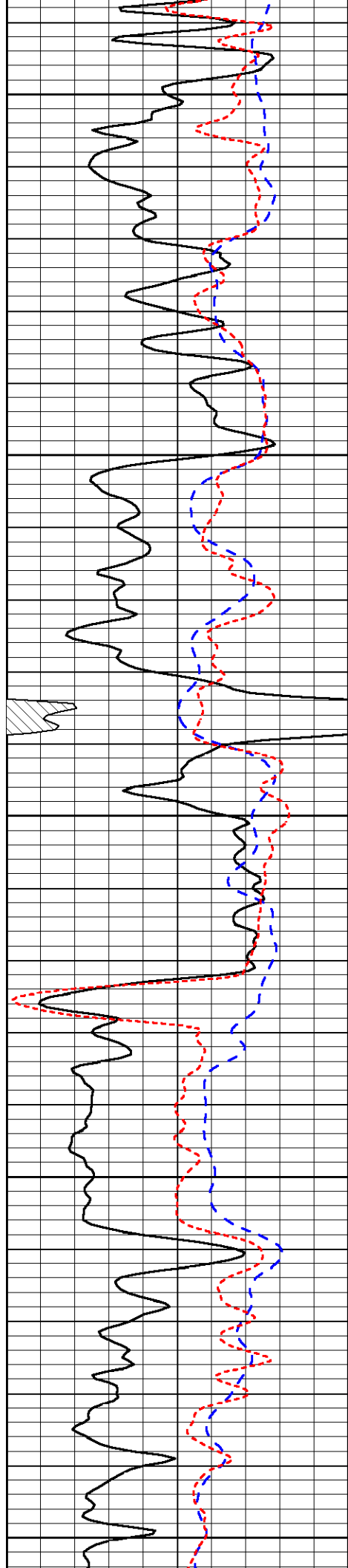


|                     |                          |                   |  |   |
|---------------------|--------------------------|-------------------|--|---|
| 15000               |                          | Line Tension (lb) |  | 0 |
| Shallow Resistivity |                          |                   |  |   |
| 50                  | (Ohm-m)                  | 500               |  |   |
| 50                  | Deep Resistivity (Ohm-m) | 500               |  |   |

Database File: c:\warrior\data\lbsack\_bensch no.1\lbsackhd.db  
Dataset Pathname: dil/lbskstk  
Presentation Format: dil  
Dataset Creation: Thu Jul 30 14:15:02 2009  
Charted by: Depth in Feet scaled 1:240

|      |           |     |     |                             |                   |          |
|------|-----------|-----|-----|-----------------------------|-------------------|----------|
| 0    | Gamma Ray | 150 | 0.2 | Deep Resistivity (Ohm-m)    | 2000              |          |
| -200 | SP (MV)   | 0   | 0.2 | Medium Resistivity (Ohm-m)  | 2000              |          |
| -160 | Rxo / Rt  | 40  | 0.2 | Shallow Resistivity (Ohm-m) | 2000              |          |
|      |           |     |     | 15000                       | Line Tension (lb) | 0        |
|      |           |     |     |                             | LSPD              | (ft/min) |





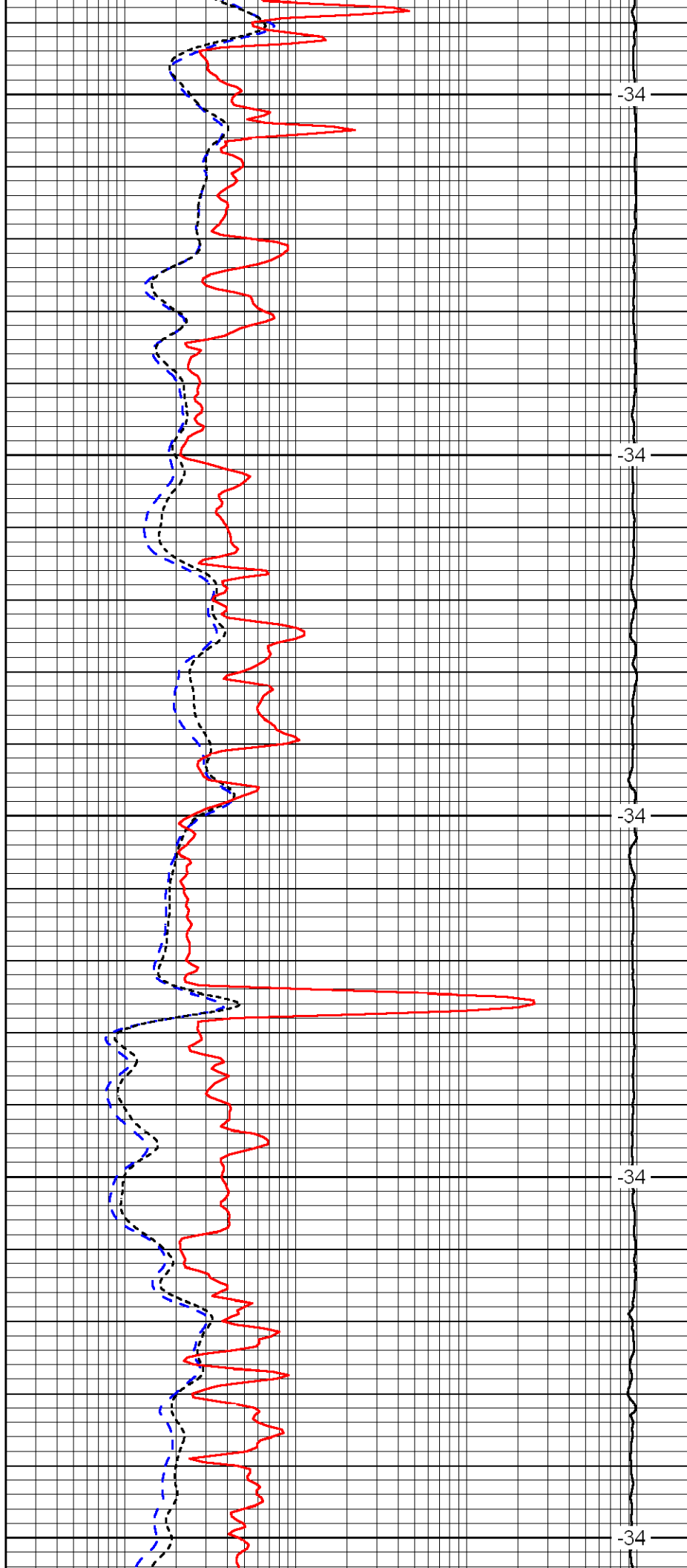
1350

1400

1450

1500

1550



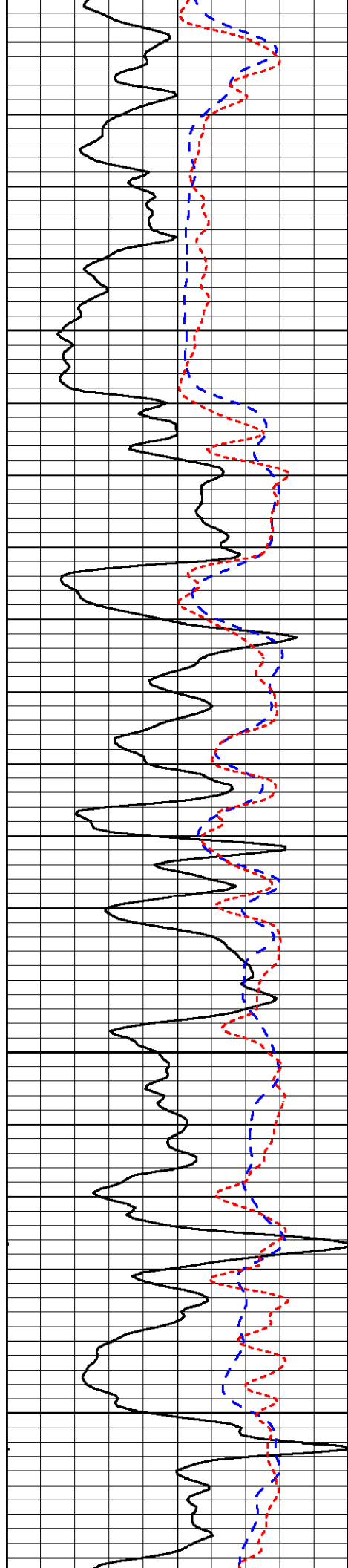
-34

-34

-34

-34

-34

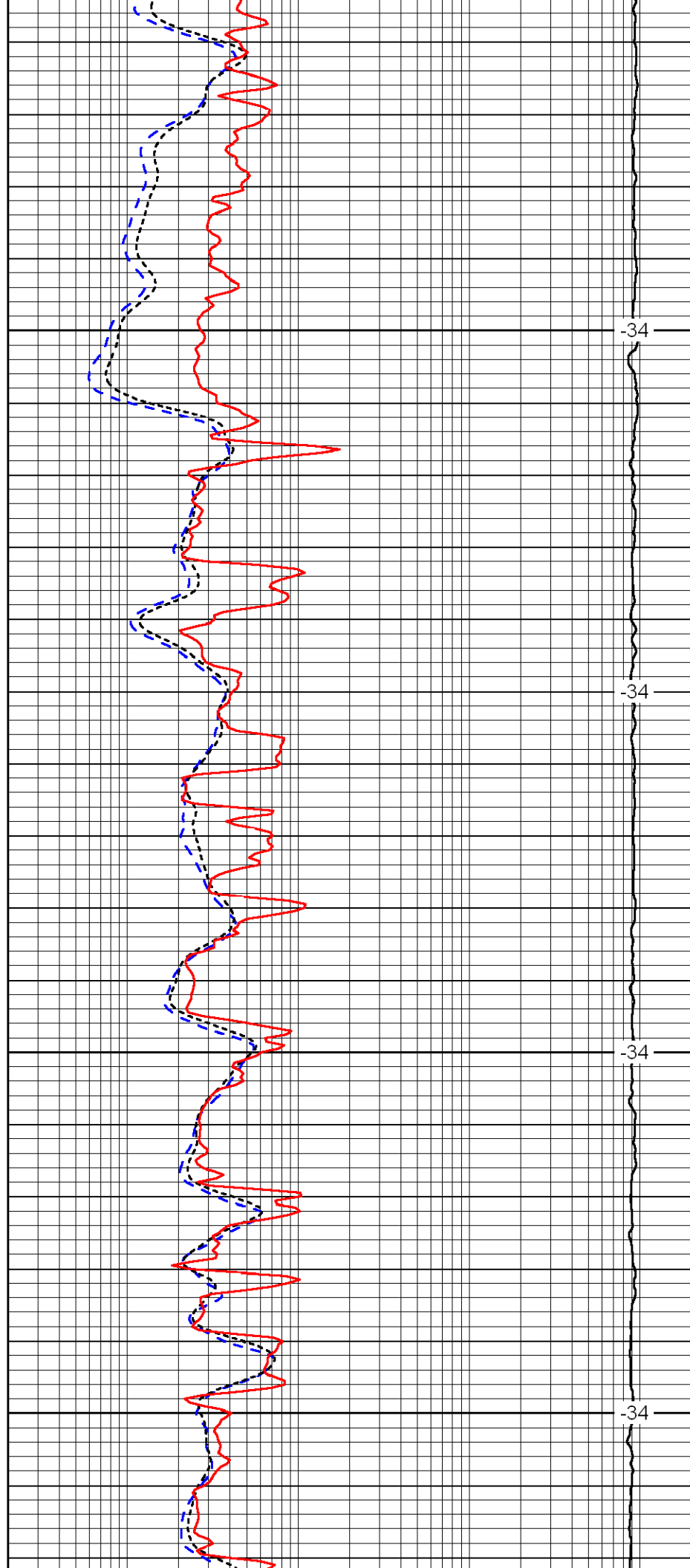


1600

1650

1700

1750

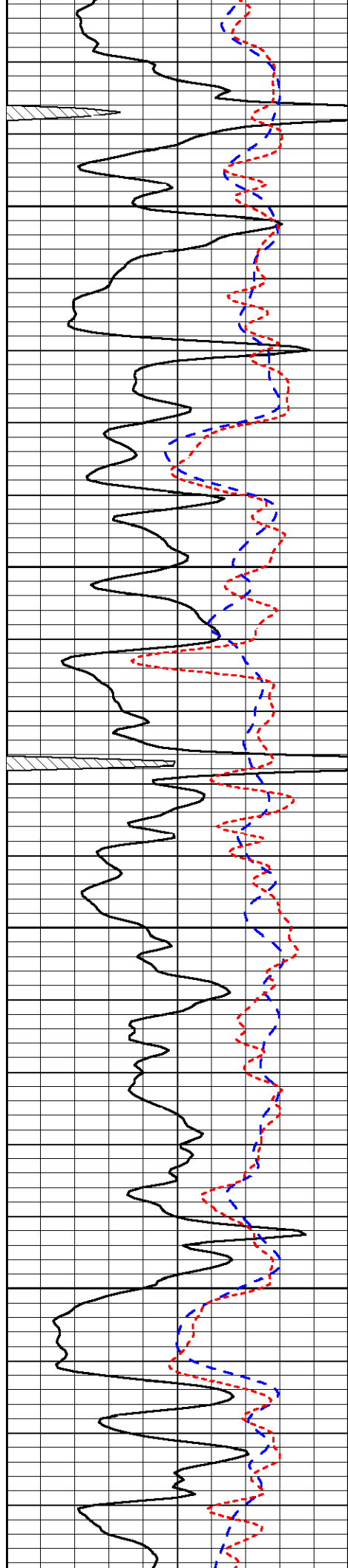


-34

-34

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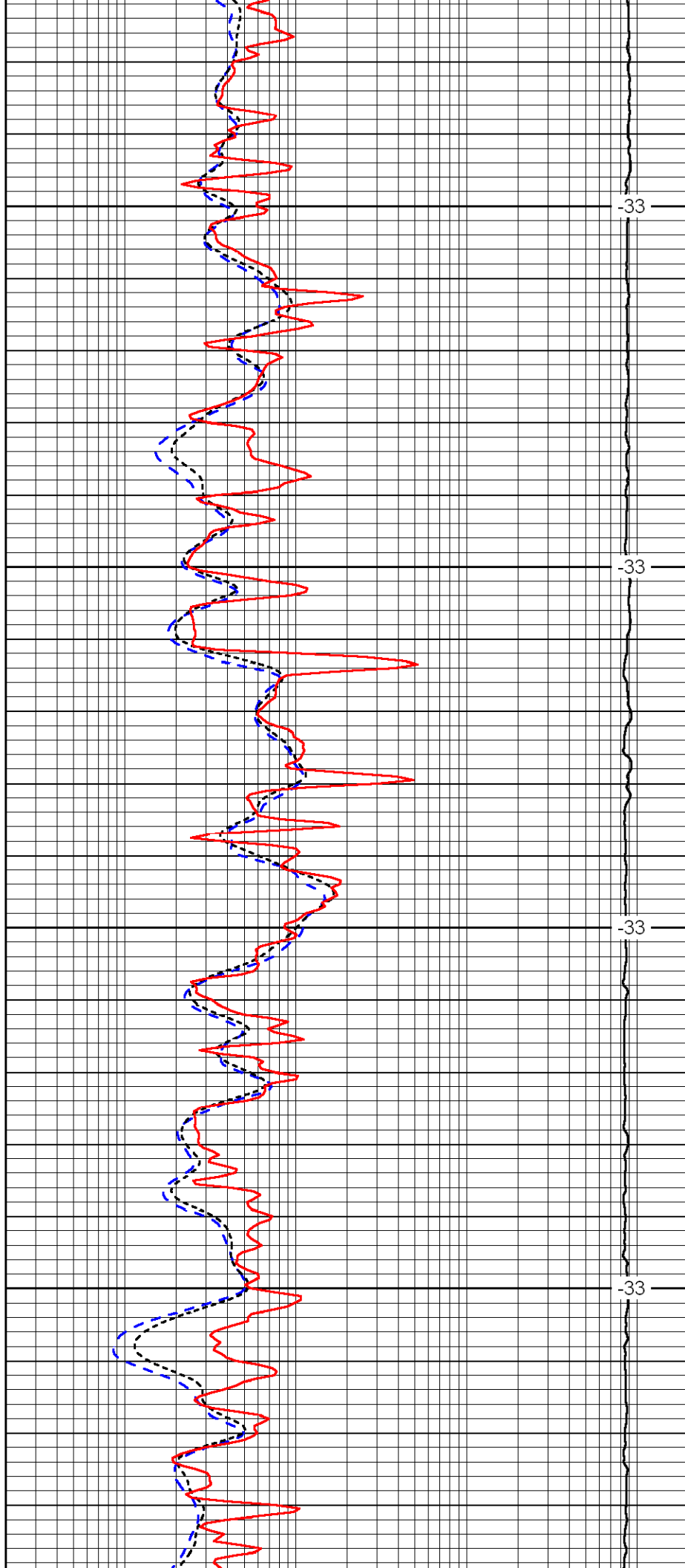


1800

1850

1900

1950

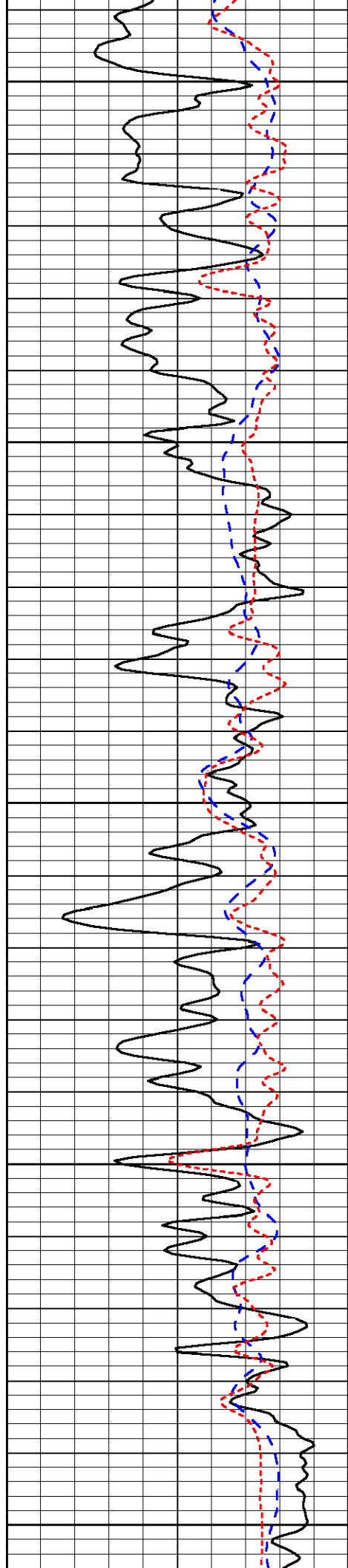


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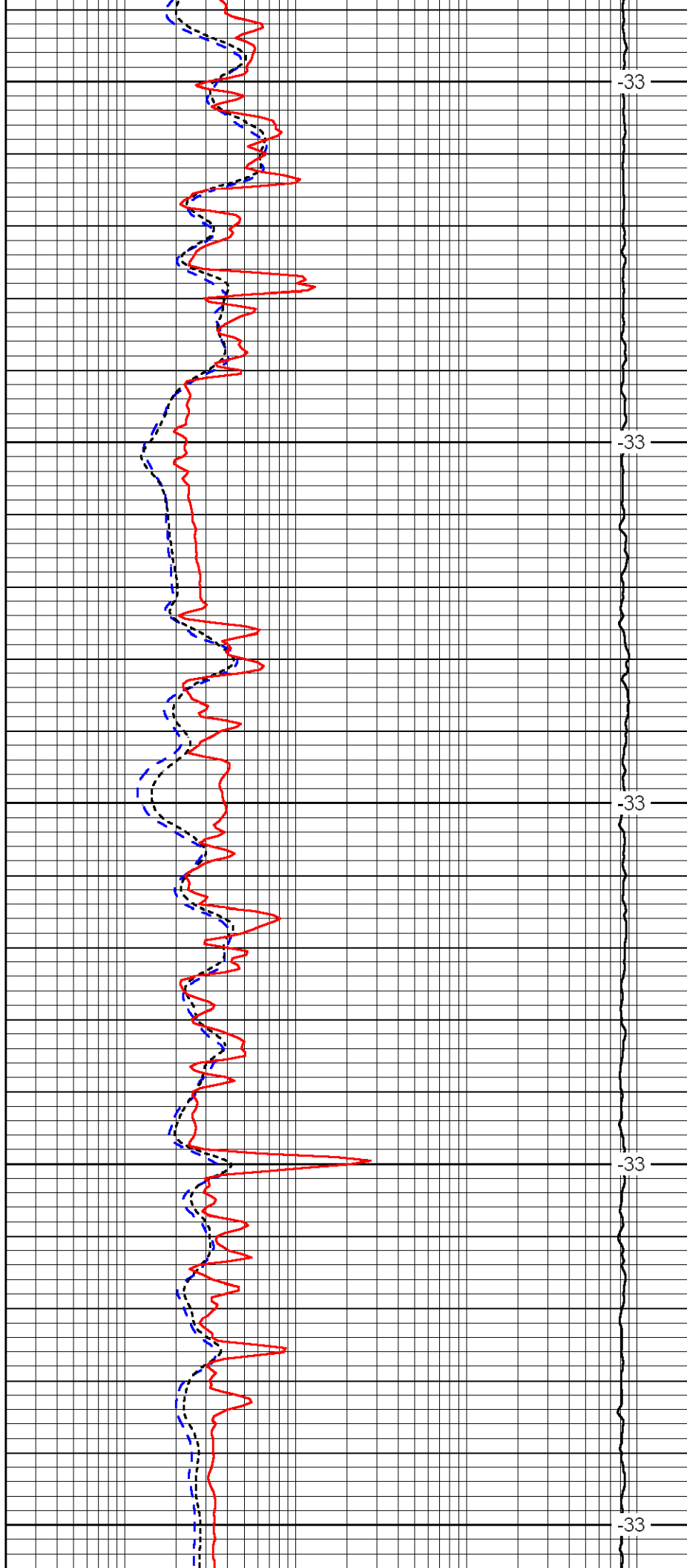
2000

2050

2100

2150

2200



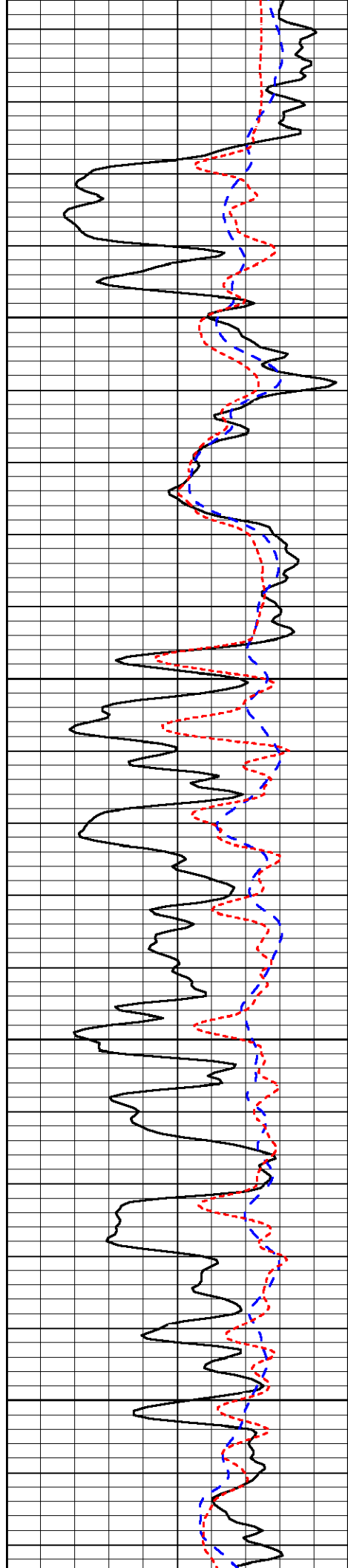
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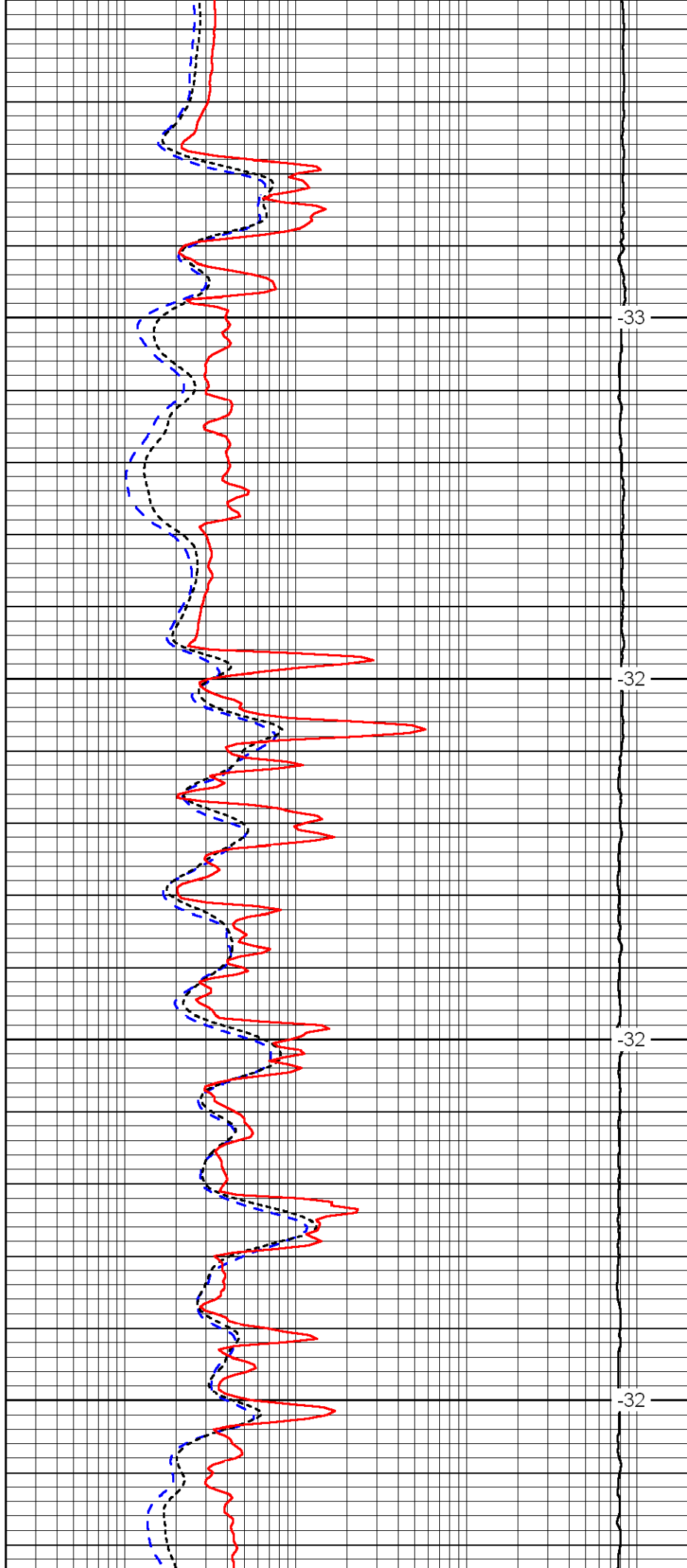


2250

2300

2350

2400

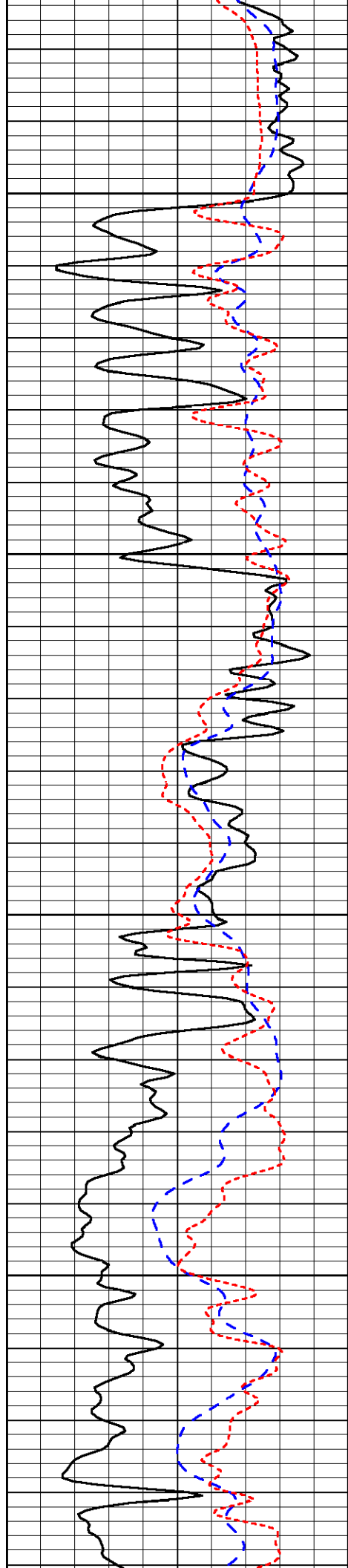


-33

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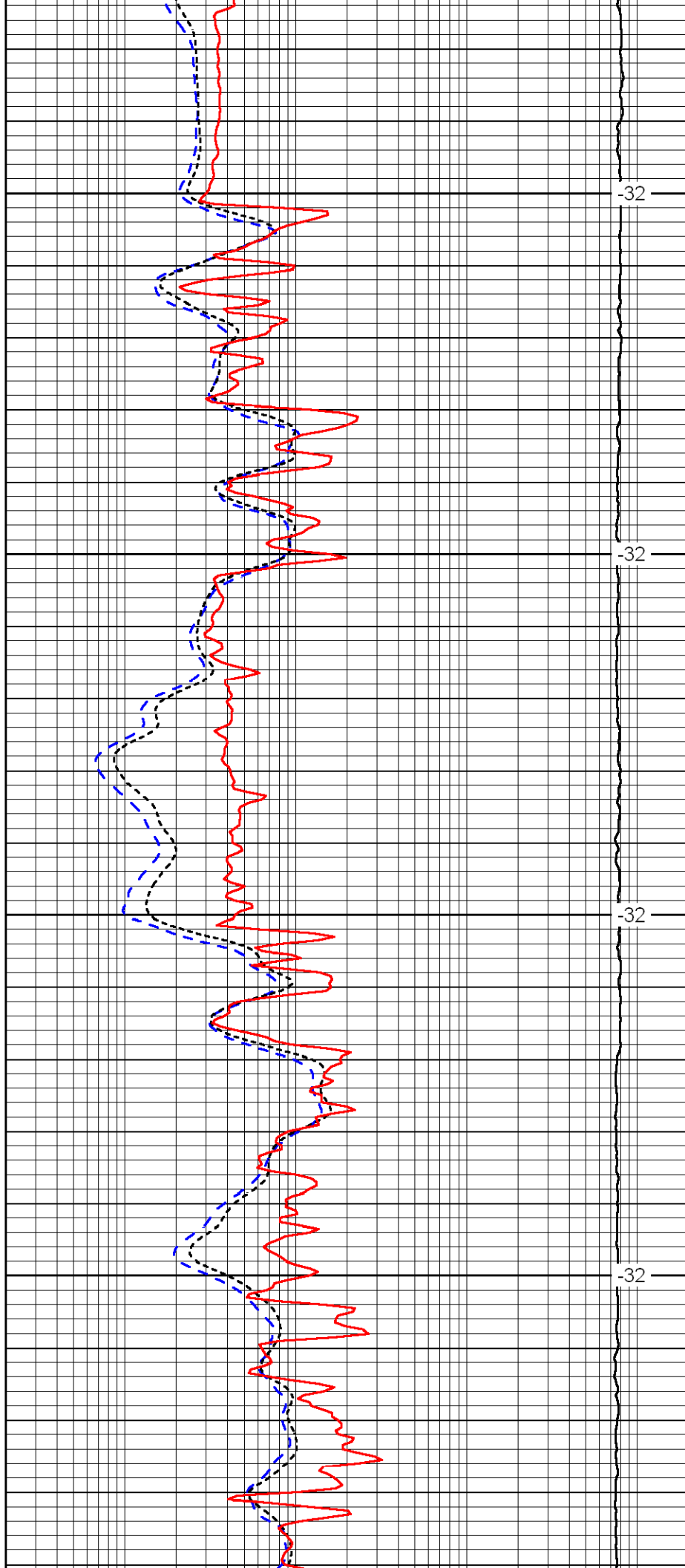


2450

2500

2550

2600

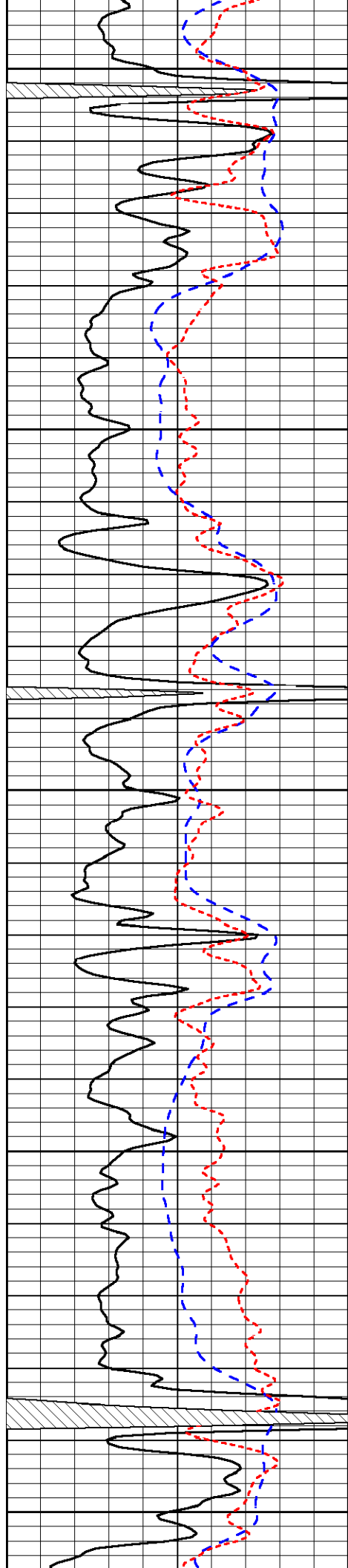


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-32

-32



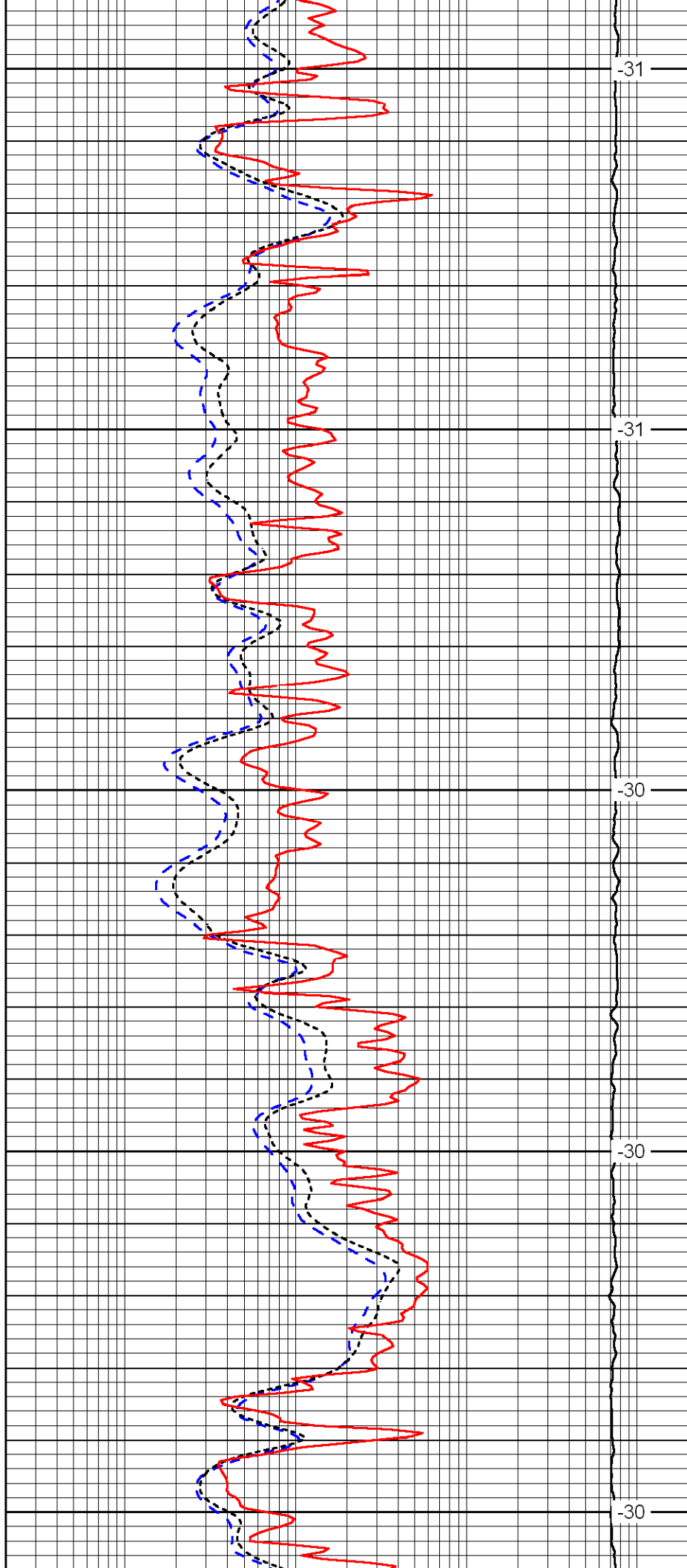
2650

2700

2750

2800

2850



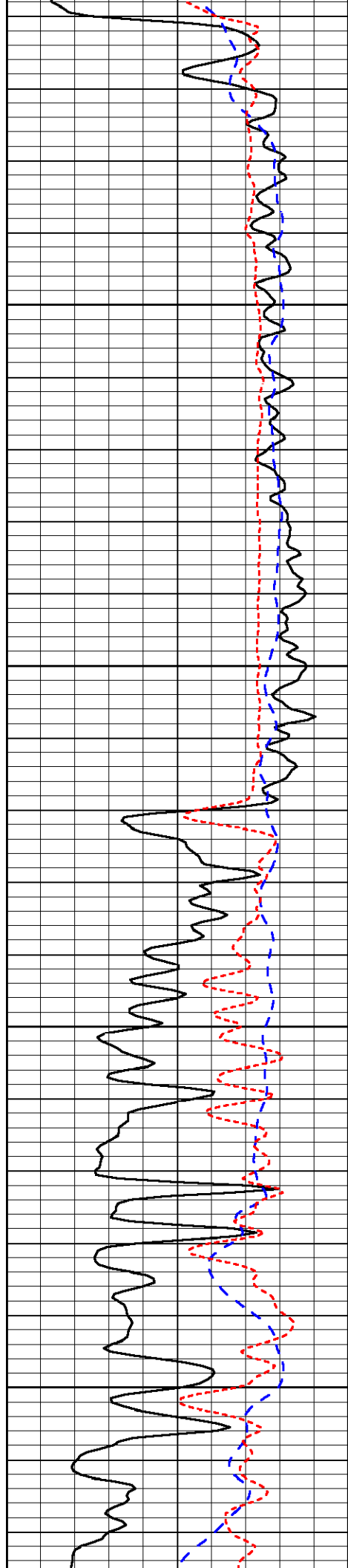
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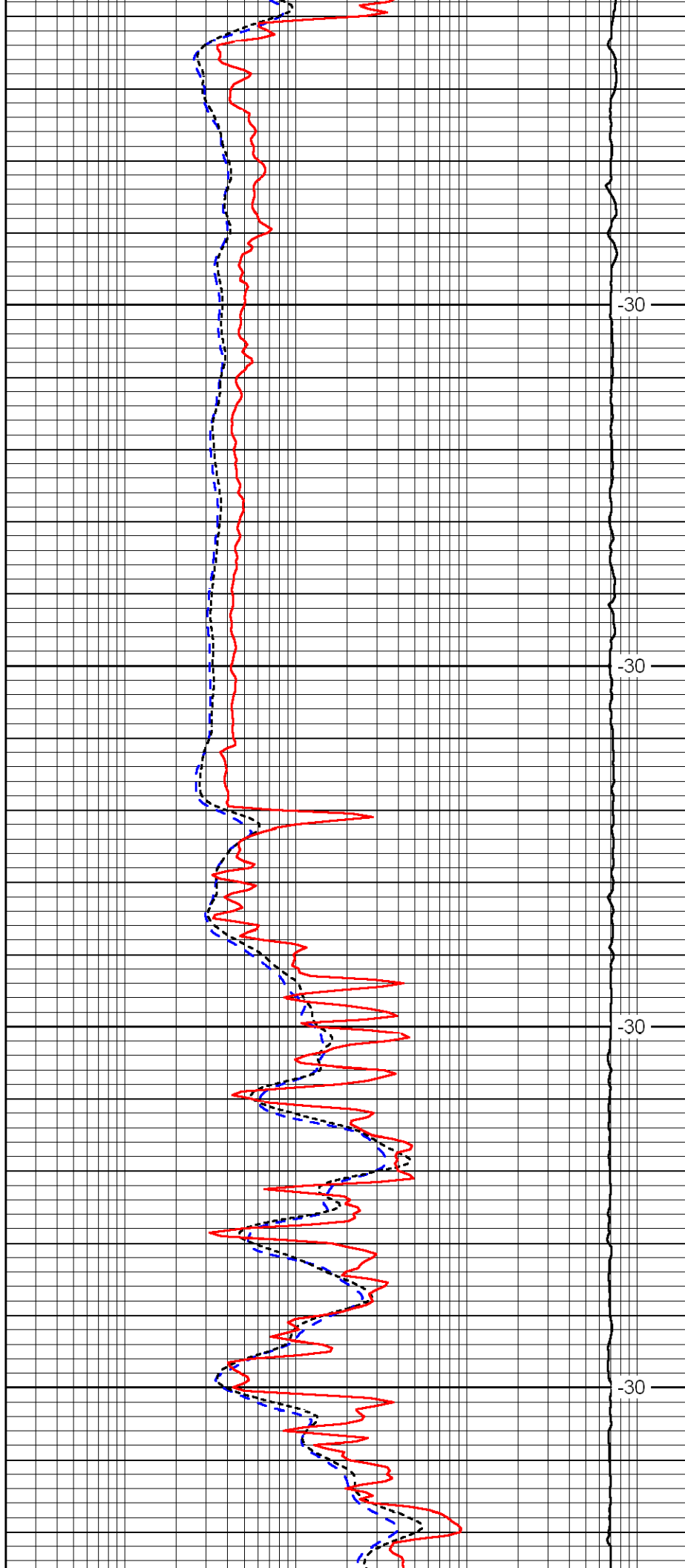


2900

2950

3000

3050

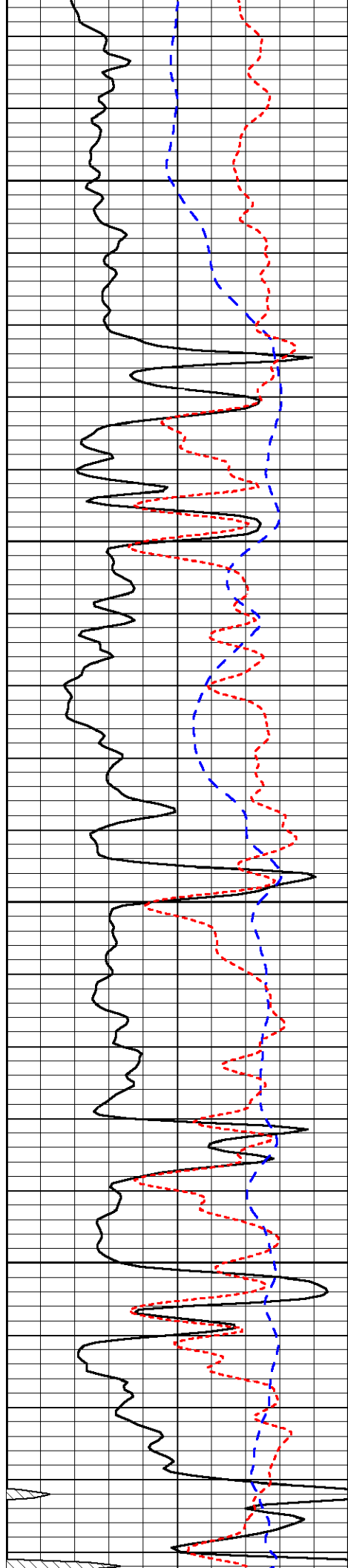


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-30

-30

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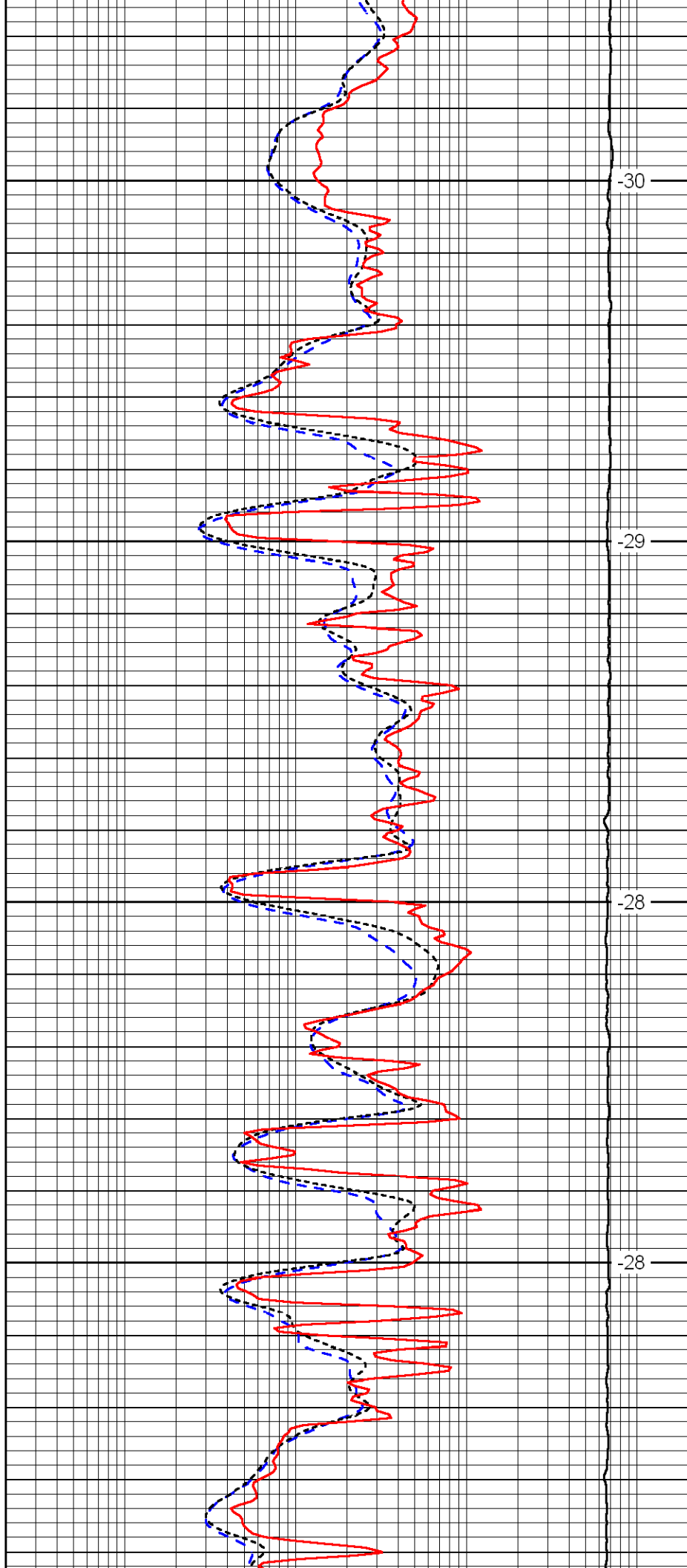


3100

3150

3200

3250

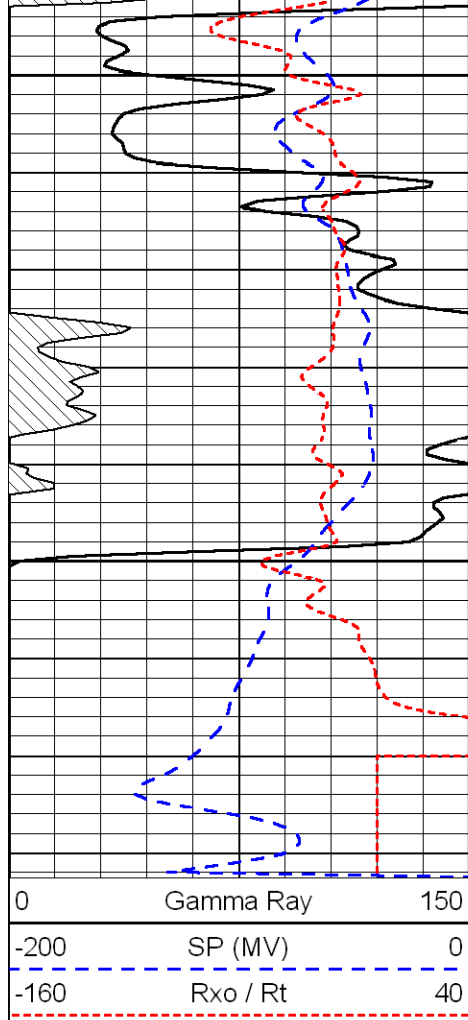


-30

-29

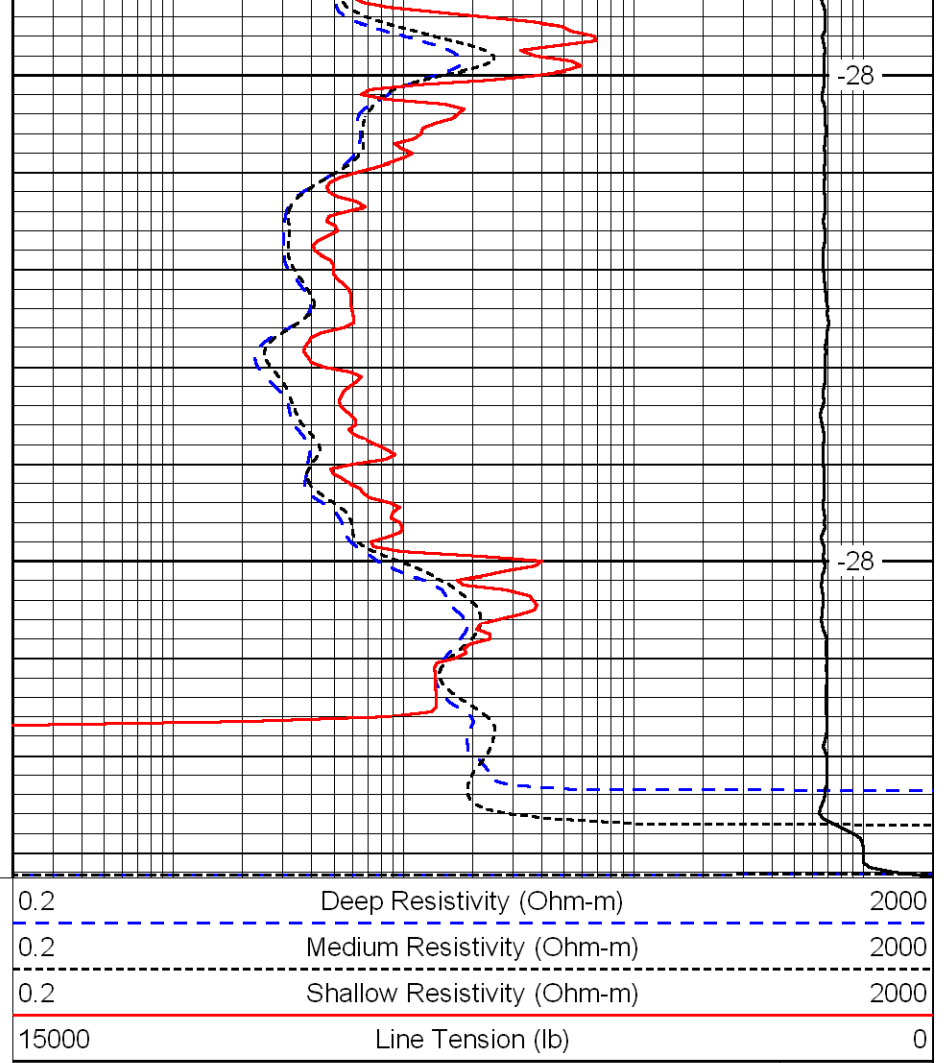
-28

-28



3300

3350



-28

-28

LSPD  
(ft/min)