



## Dual Induction Log

DIGITAL LOG (785) 625-3858

|                                      |              |                                       |  |
|--------------------------------------|--------------|---------------------------------------|--|
| API No.                              |              | Company Credo Petroleum Corp.         |  |
| 15-101-22,254-00-00                  |              | Well Toburen No. 1-29                 |  |
| Field Wildcat                        |              | County Lane State Kansas              |  |
| Location 1388' FNL & 1400' FWL       |              | Other Services<br>CNL/CDL<br>MEL/BHCS |  |
| Sec: 29 Twp: 19 S Rge: 28 W          |              | Elevation                             |  |
| Permanent Datum Ground Level         |              | K.B. 2805                             |  |
| Log Measured From Kelly Bushing      |              | D.F. 2805                             |  |
| Drilling Measured From Kelly Bushing |              | G.L. 2800                             |  |
| Date                                 | 8/24/2010    |                                       |  |
| Run Number                           | One          |                                       |  |
| Depth Driller                        | 4750         |                                       |  |
| Depth Logger                         | 4749         |                                       |  |
| Bottom Logged Interval               | 4748         |                                       |  |
| Top Log Interval                     | 200          |                                       |  |
| Casing Driller                       | 8.625 @ 210  |                                       |  |
| Casing Logger                        | 206          |                                       |  |
| Bit Size                             | 7.875        |                                       |  |
| Type Fluid in Hole                   | Chemical     |                                       |  |
| Salinity, ppm CL                     | 4.400        |                                       |  |
| Density / Viscosity                  | 9.3 54       |                                       |  |
| pH / Fluid Loss                      | 10.0 8.8     |                                       |  |
| Source of Sample                     | Flowline     |                                       |  |
| Rm @ Meas. Temp                      | .75 @ 68     |                                       |  |
| Rmf @ Meas. Temp                     | .56 @ 68     |                                       |  |
| Rmc @ Meas. Temp                     | 1.01 @ 68    |                                       |  |
| Source of Rmf / Rmc                  | Charts       |                                       |  |
| Rm @ BHT                             | .41 @ 126    |                                       |  |
| Operating Rig Time                   | 6 Hours      |                                       |  |
| Max Rec. Temp. F                     | 126          |                                       |  |
| Equipment Number                     | 4            |                                       |  |
| Location                             | Hays         |                                       |  |
| Recorded By                          | K. Bange     |                                       |  |
| Witnessed By                         | Jim Musgrove |                                       |  |

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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

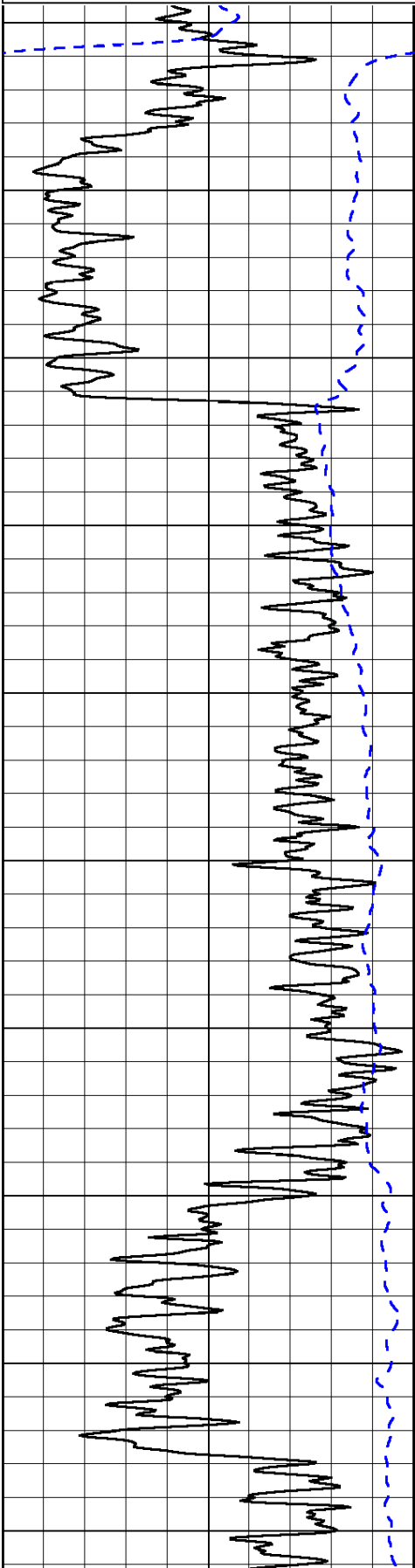
Dighton, 6 S, 1 E, 1 1/4 S, E into

Database File: c:\warrior\data\credo\_toburen no. 1-29\credo082410hd.db  
Dataset Pathname: dil/cred2in  
Presentation Format: dil2in  
Dataset Creation: Wed Aug 25 01:53:59 2010  
Charted by: Depth in Feet scaled 1:600

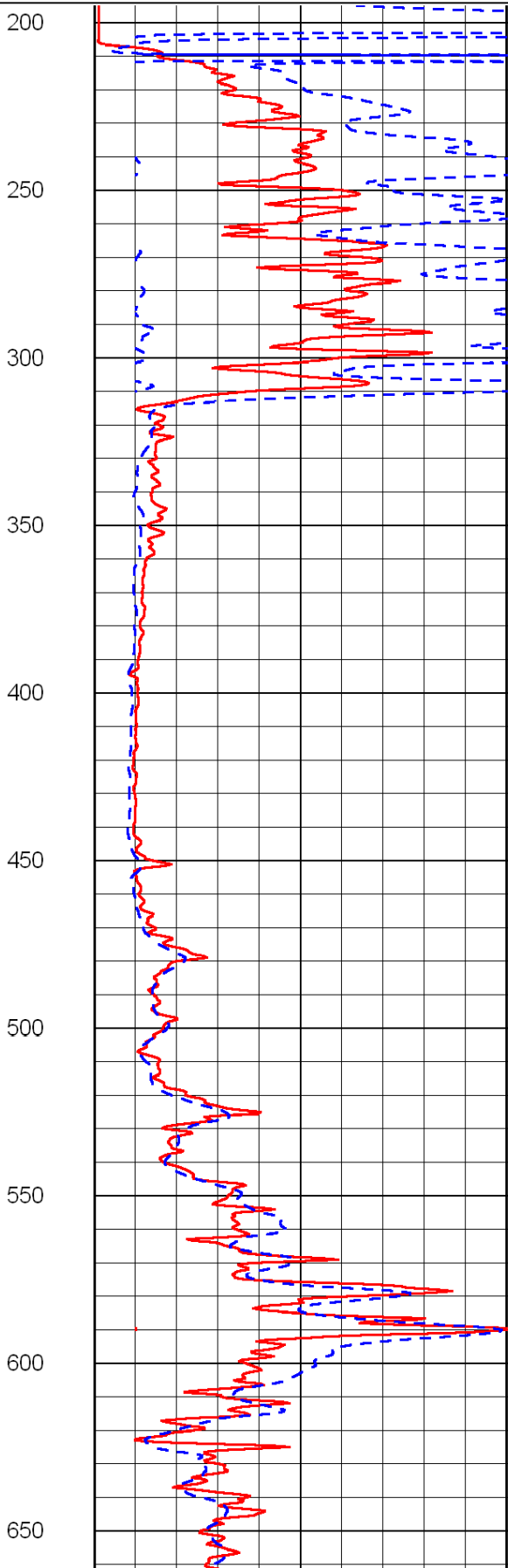
Charted by: Depth (m) not scaled 1:000

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

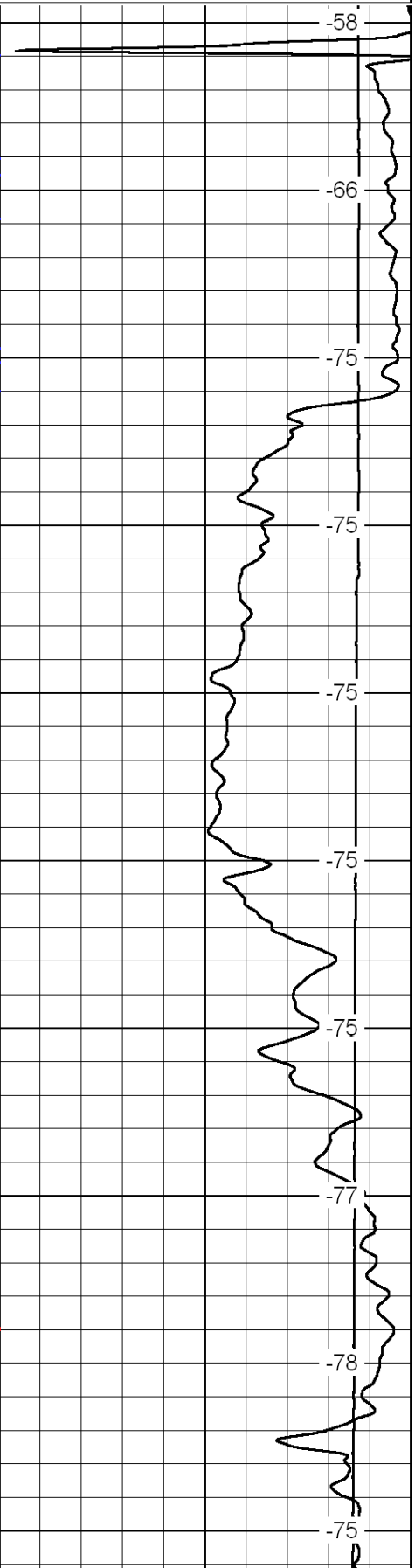
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|-------|---------------------|----|
| 0     | Shallow Resistivity | 50 |
| 0     | Deep Resistivity    | 50 |
| 1000  | Conductivity        | 0  |
| 15000 | Line Tension        | 0  |

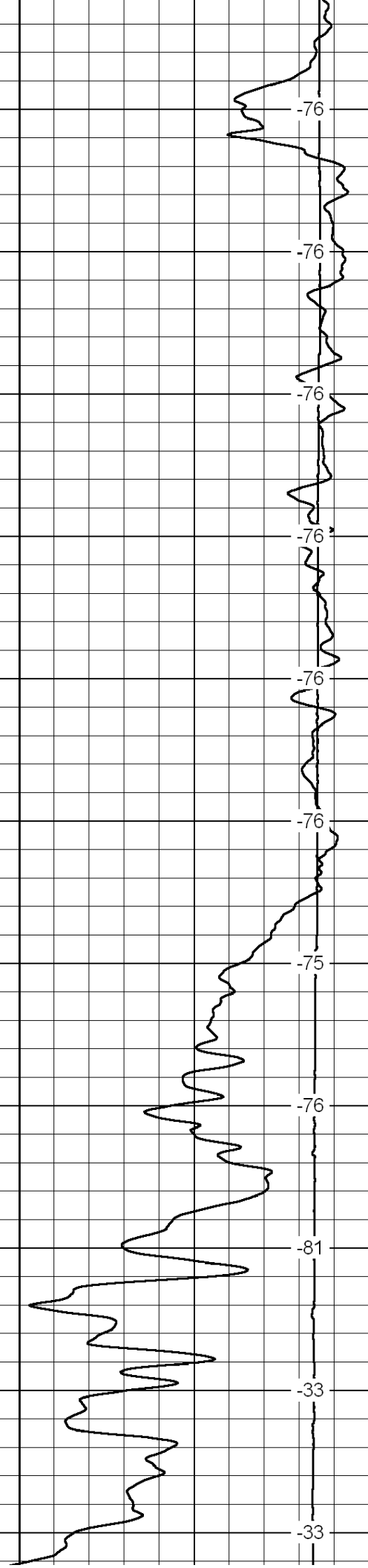
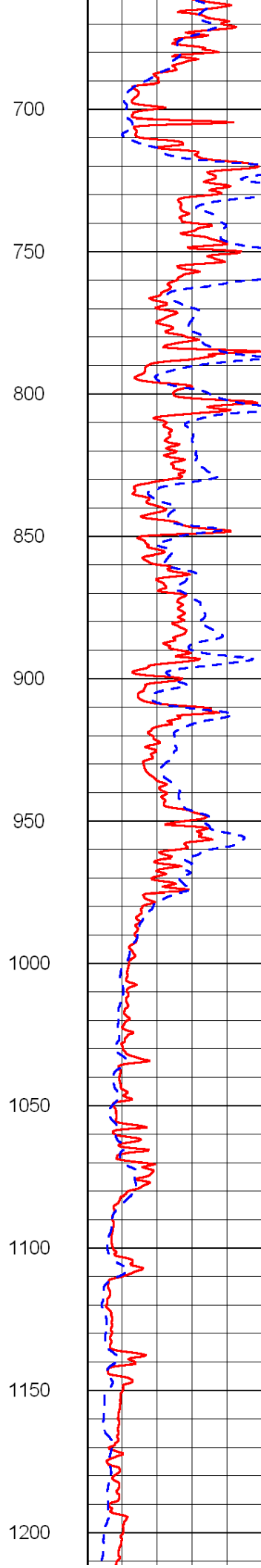
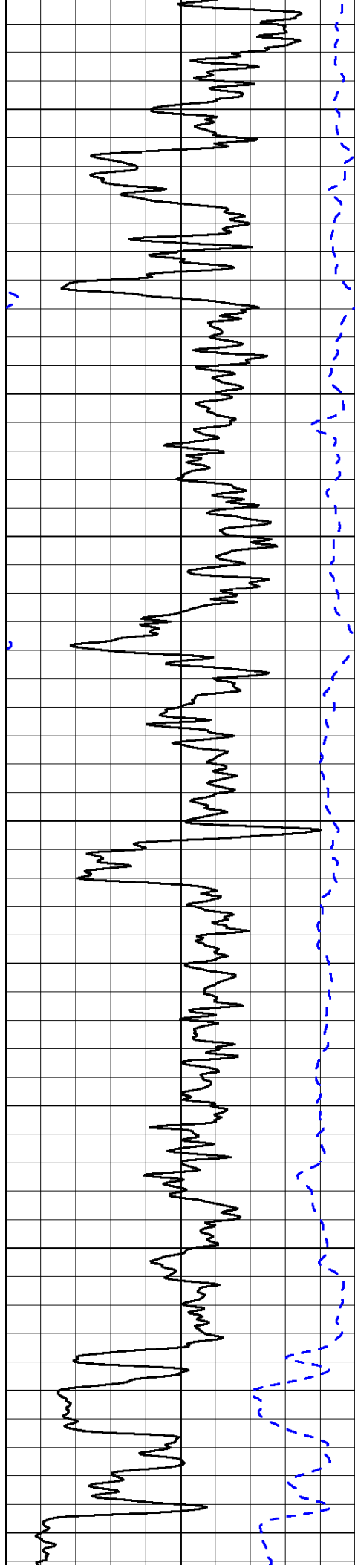


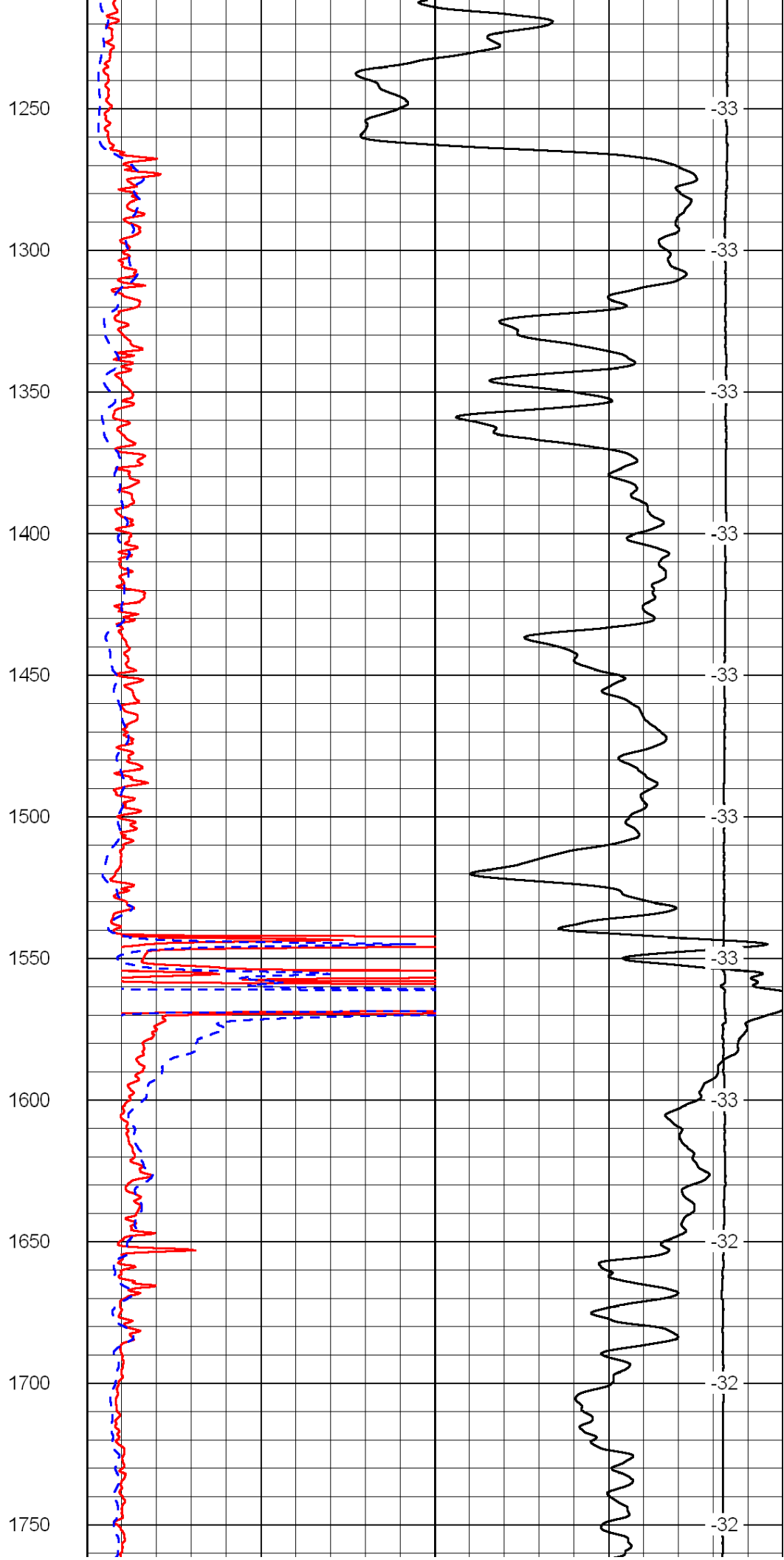
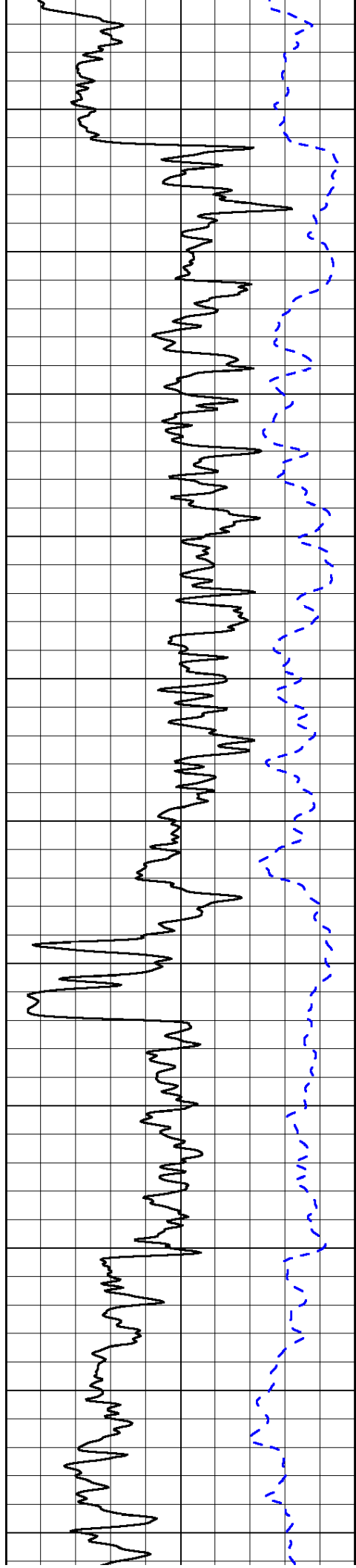
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|-------|---------------------|----|
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| 0     | Deep Resistivity    | 50 |
| 1000  | Conductivity        | 0  |
| 15000 | Line Tension        | 0  |

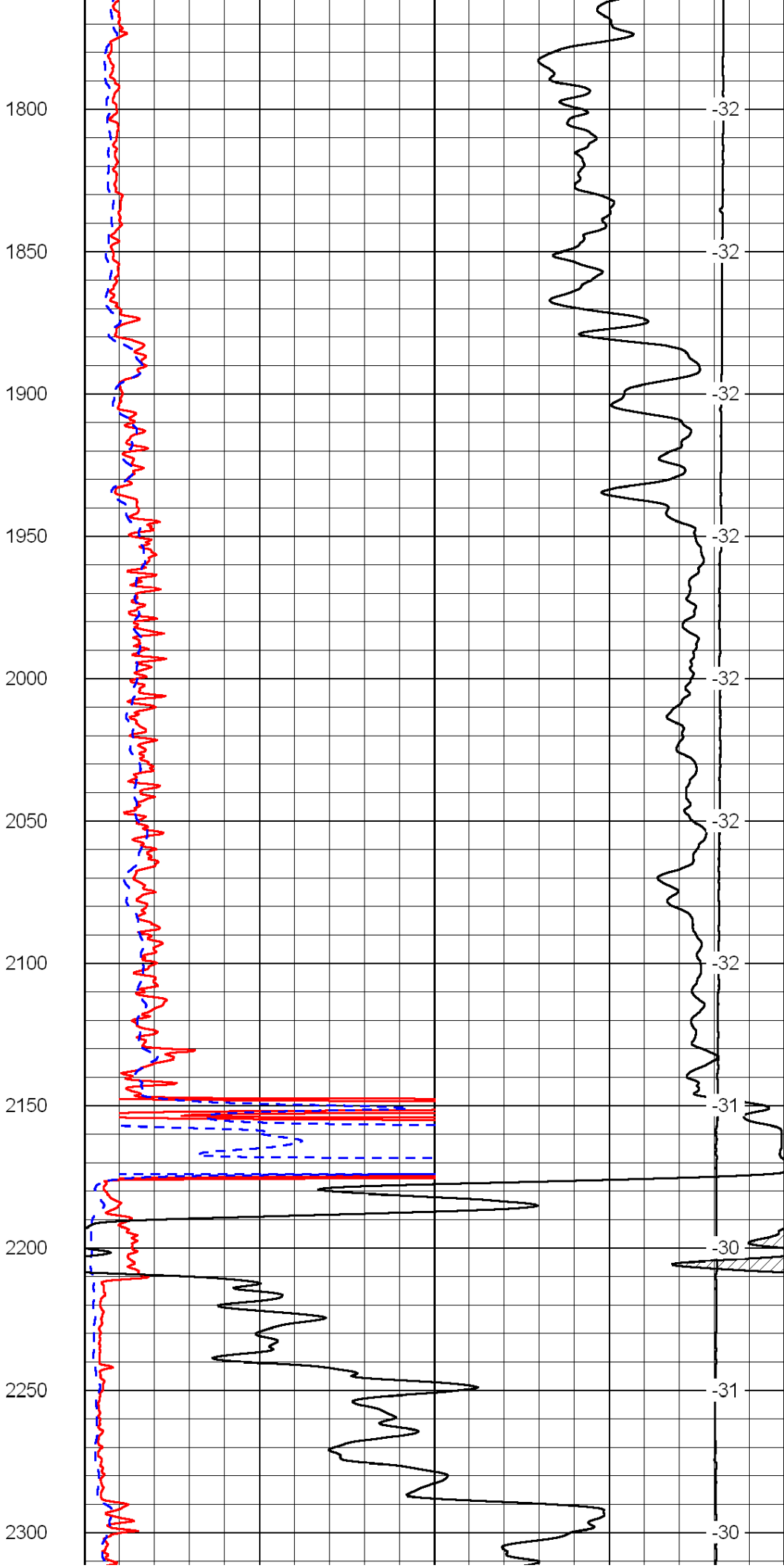
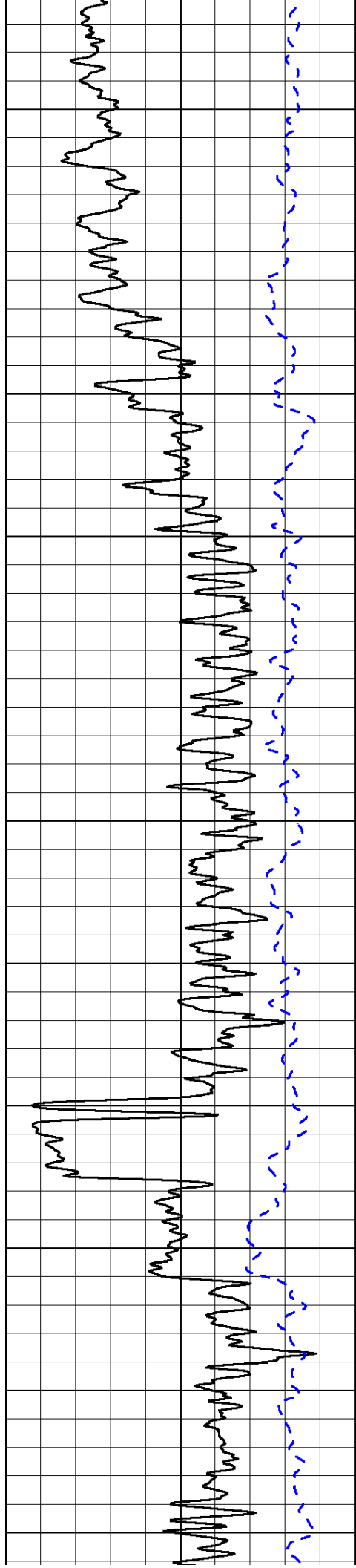


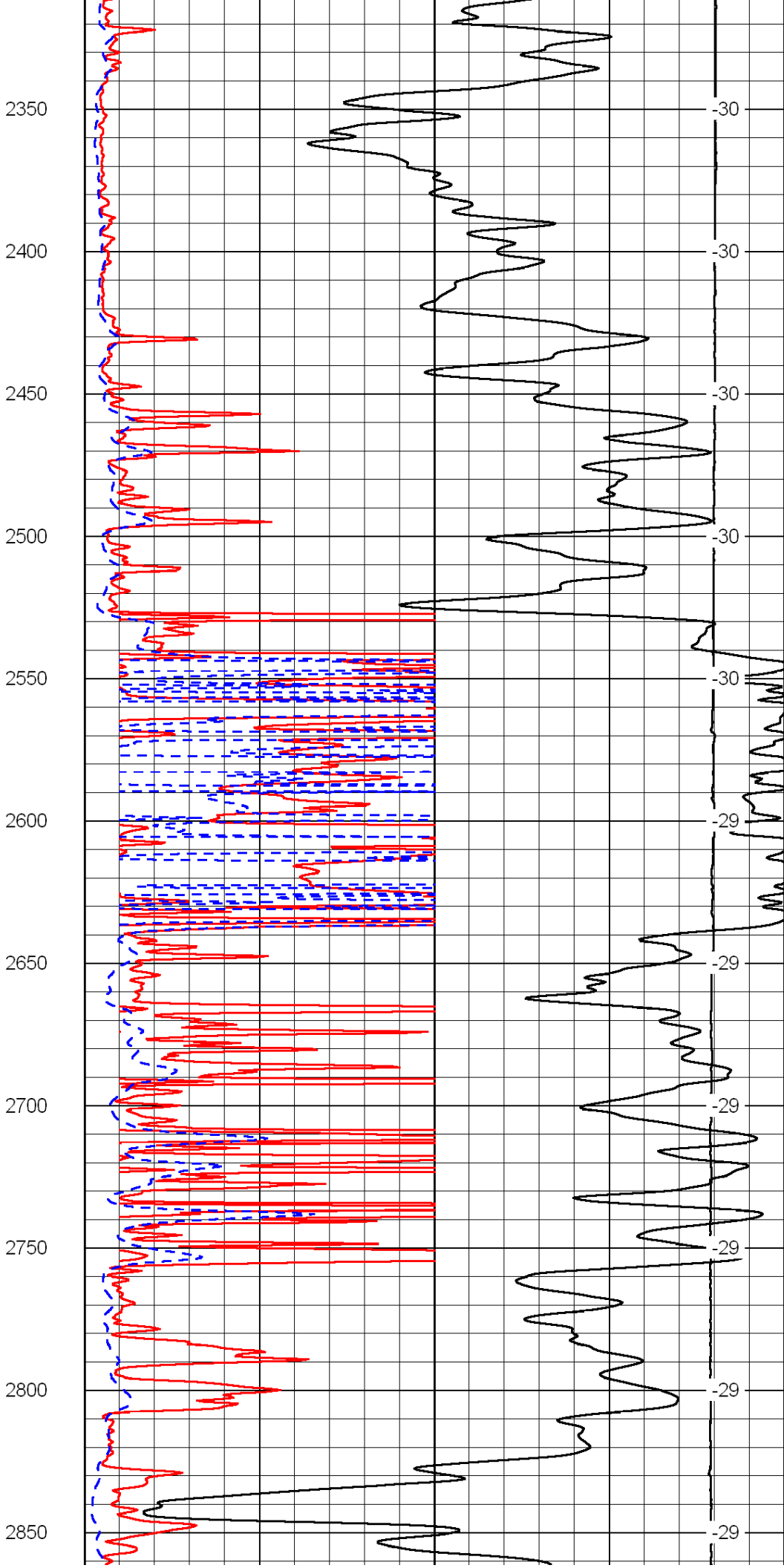
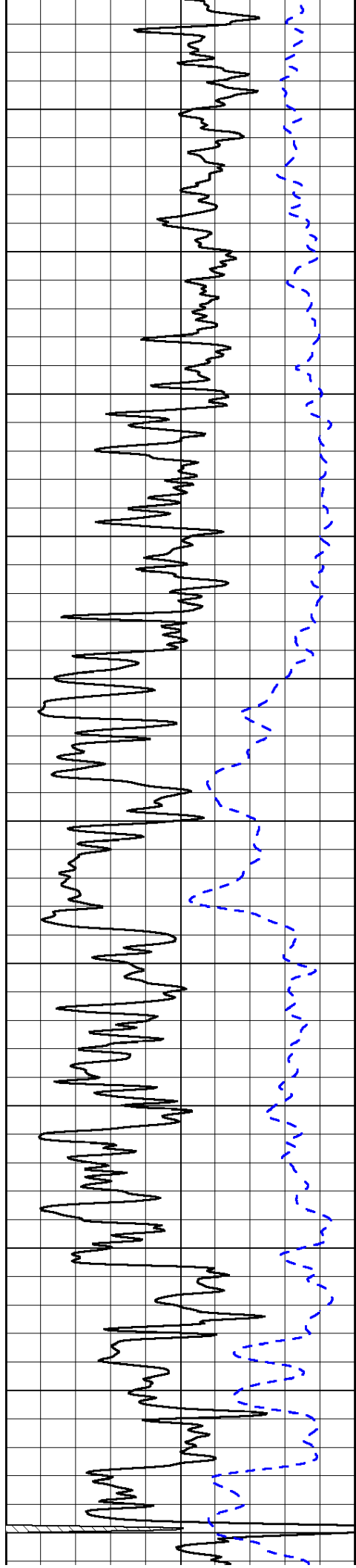
|      |   |
|------|---|
| LSPD | 0 |
|------|---|

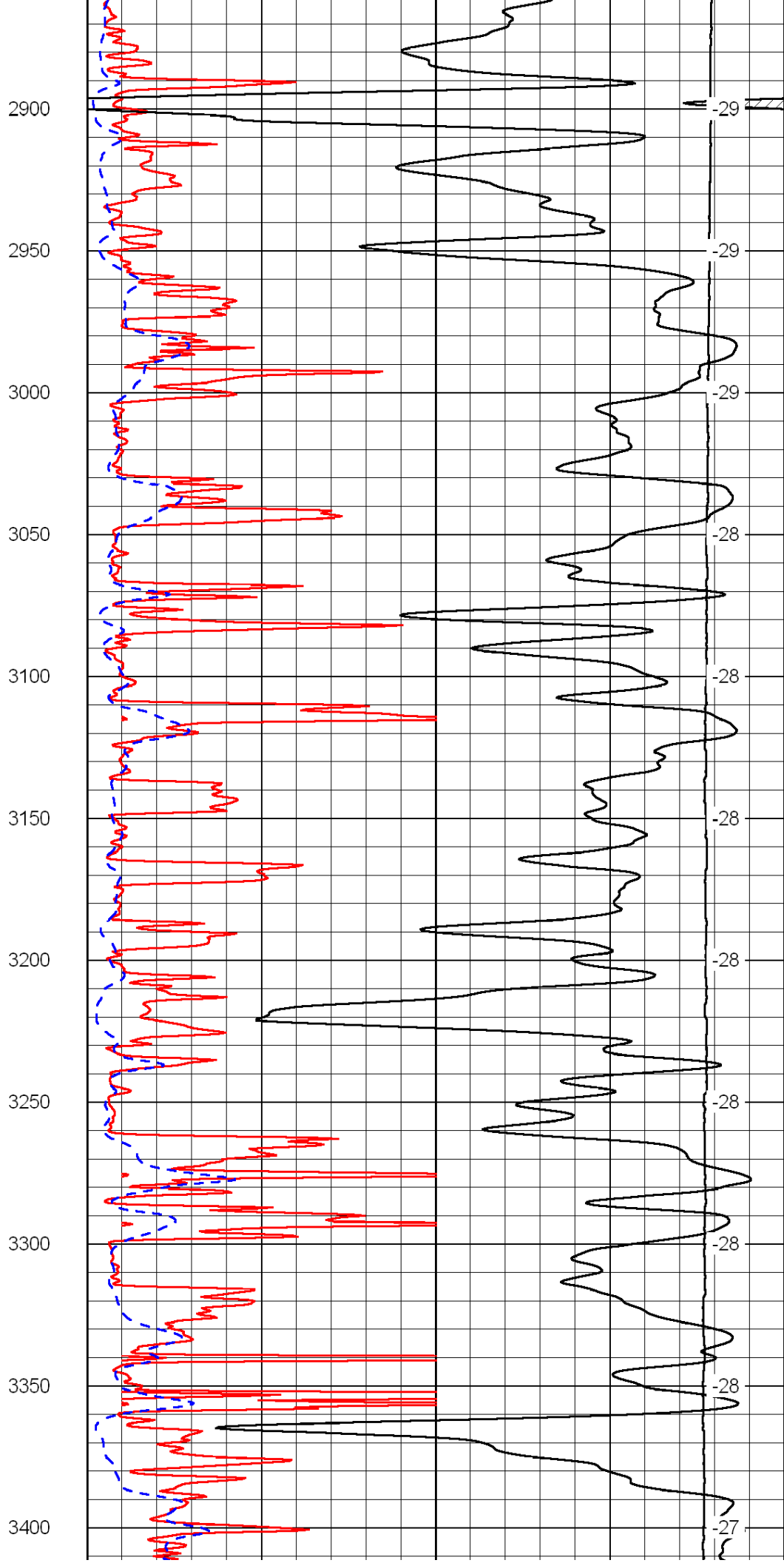
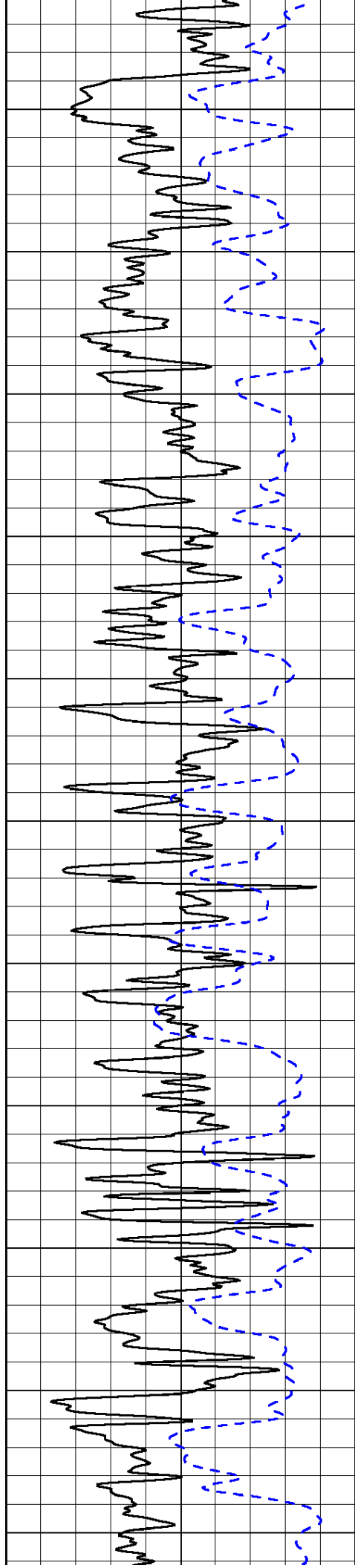


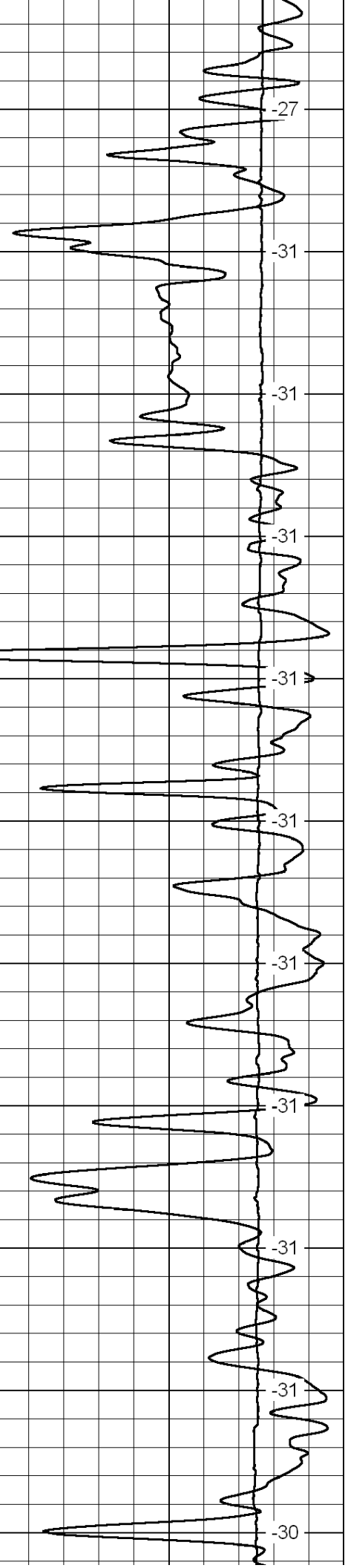
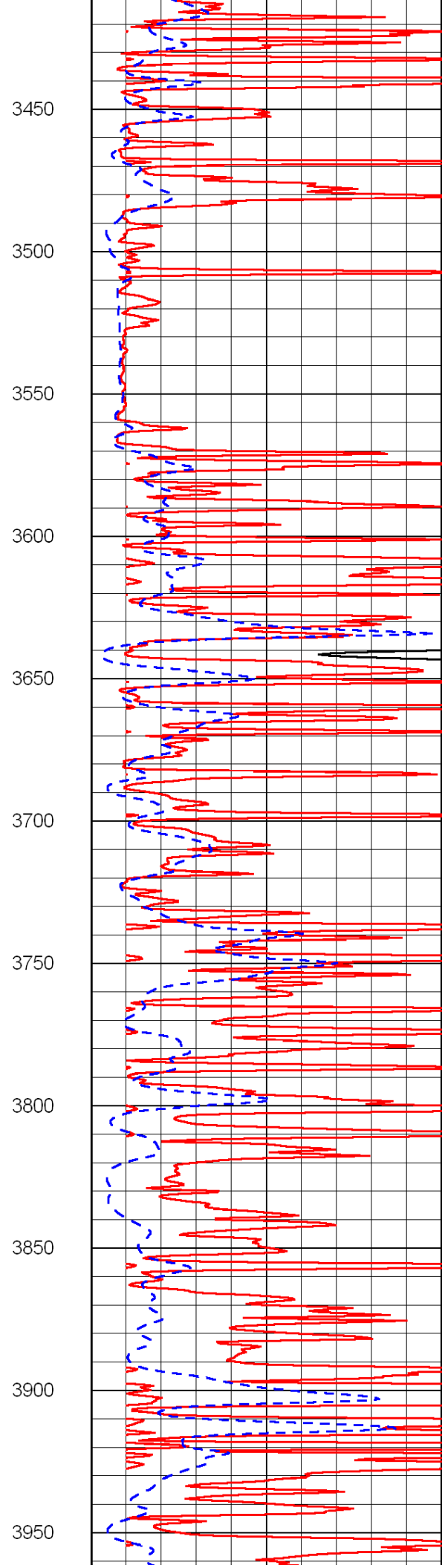
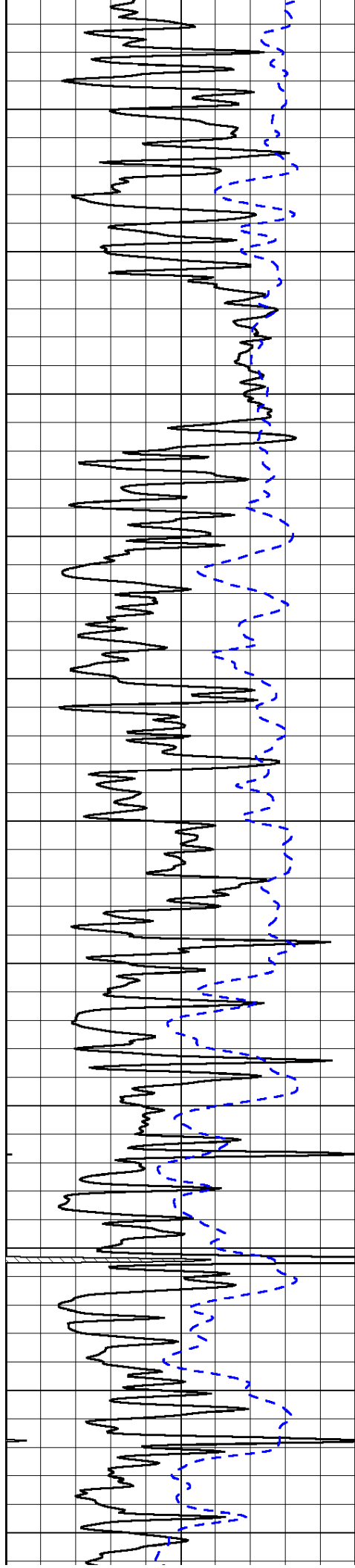


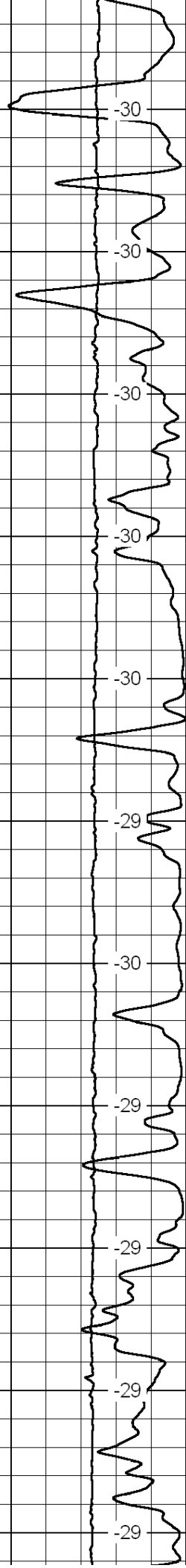
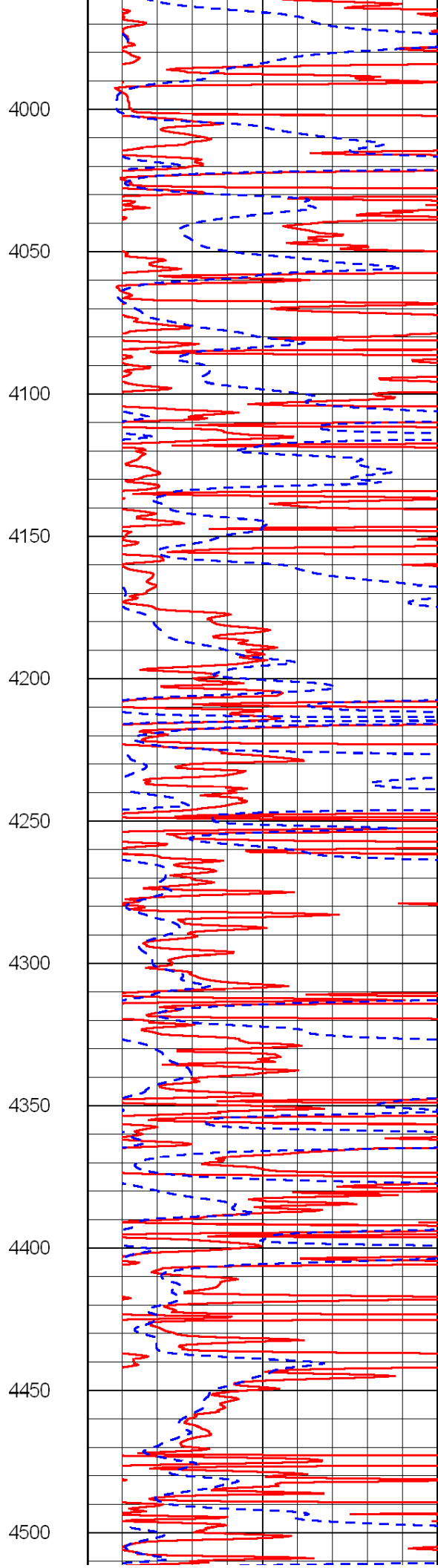
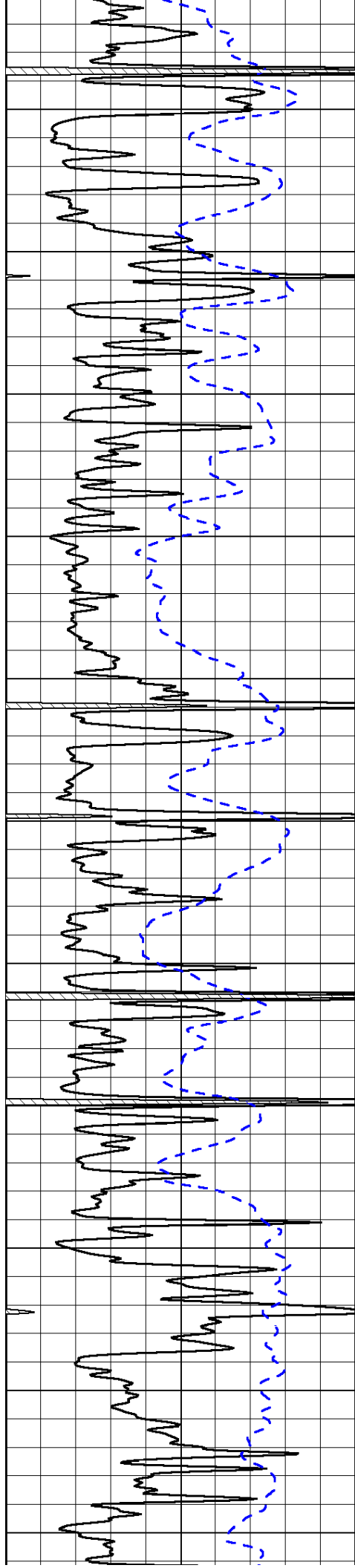


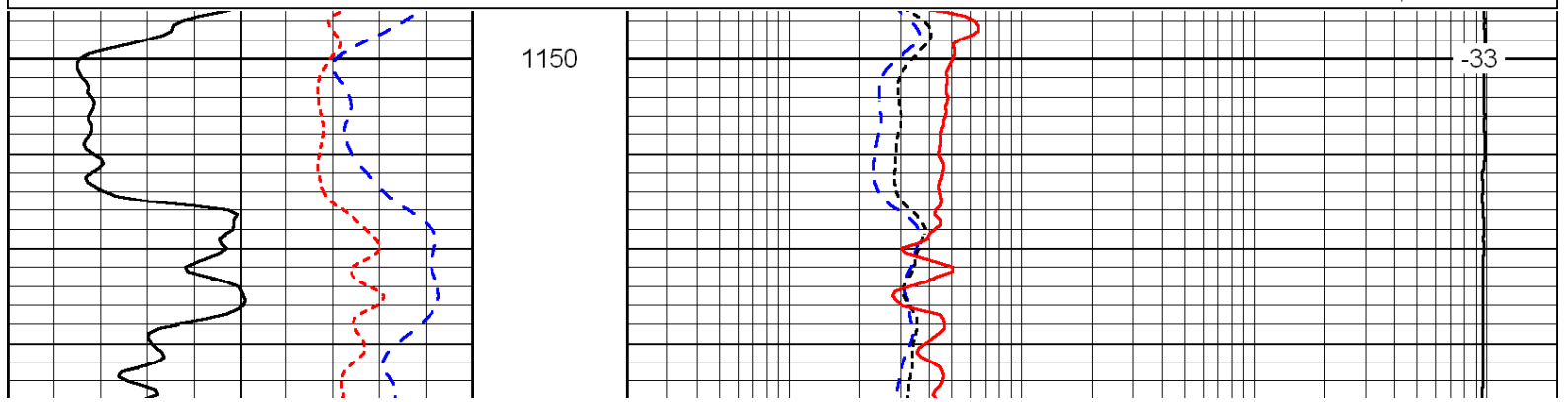
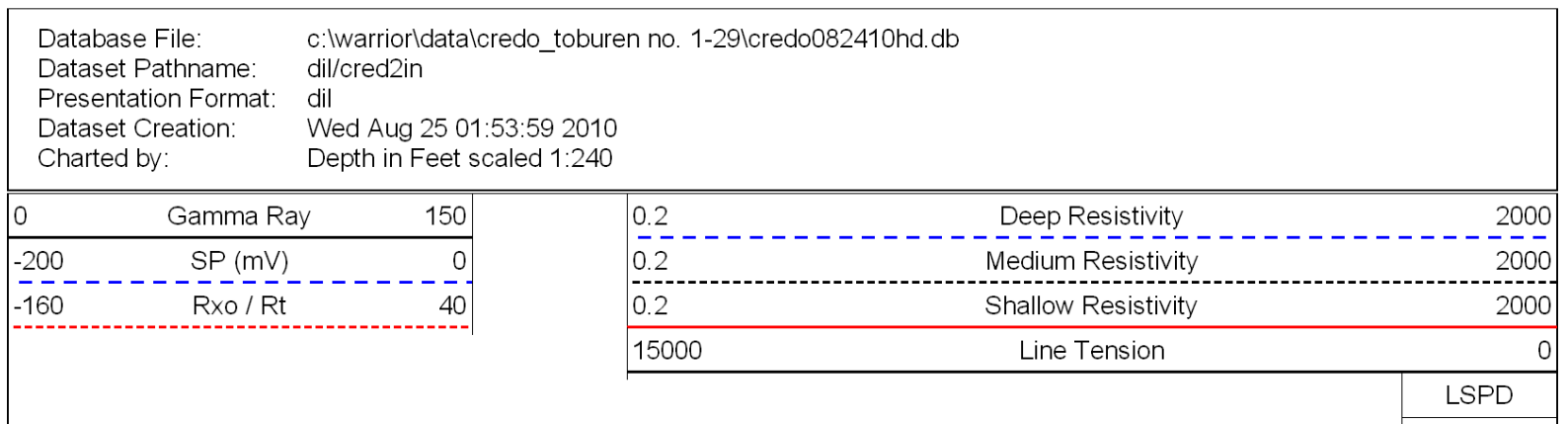
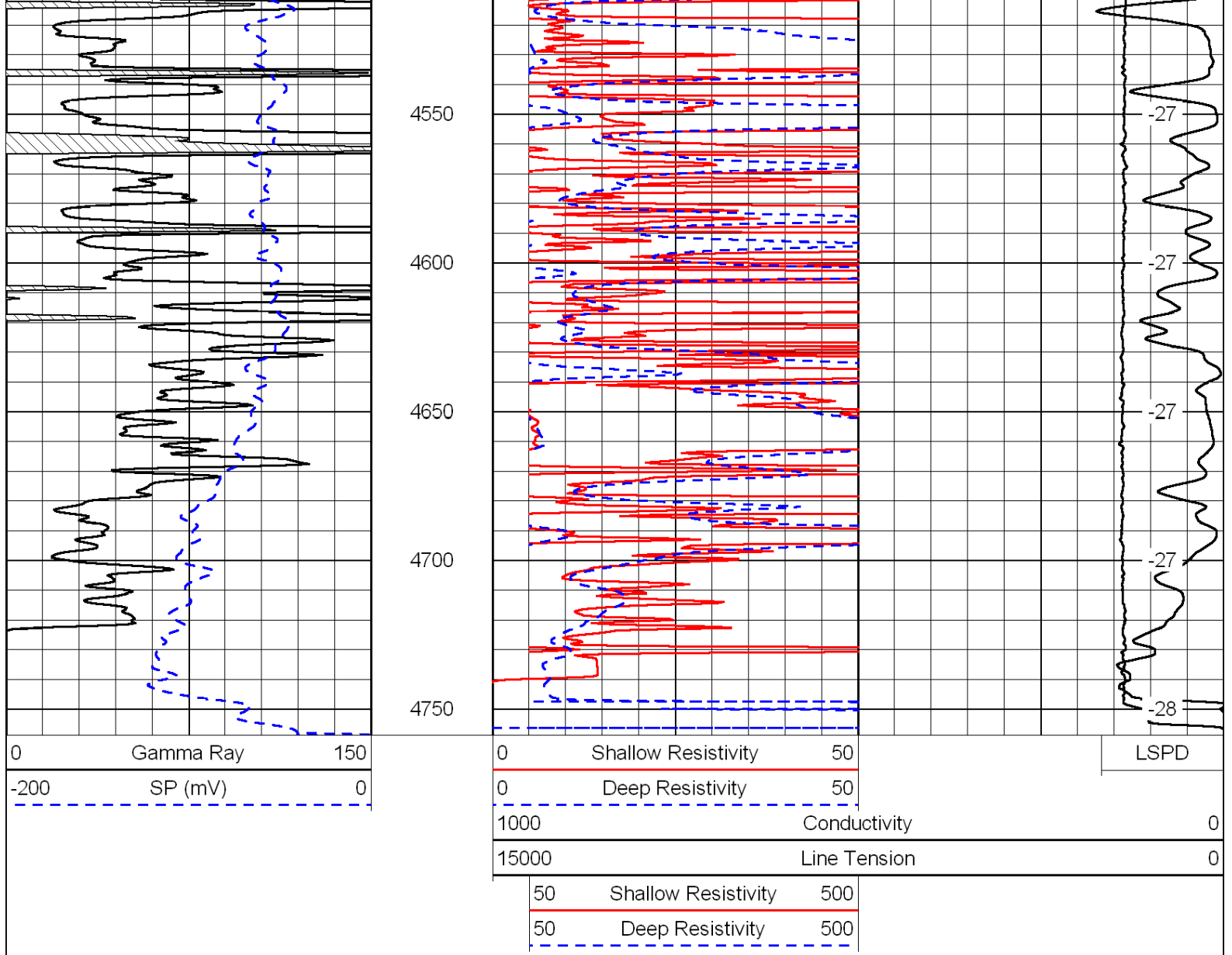


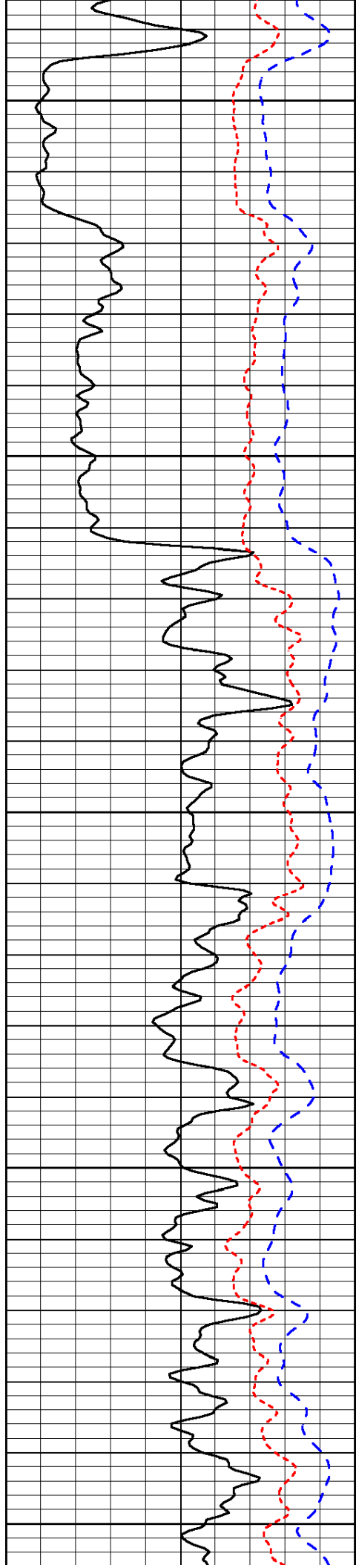












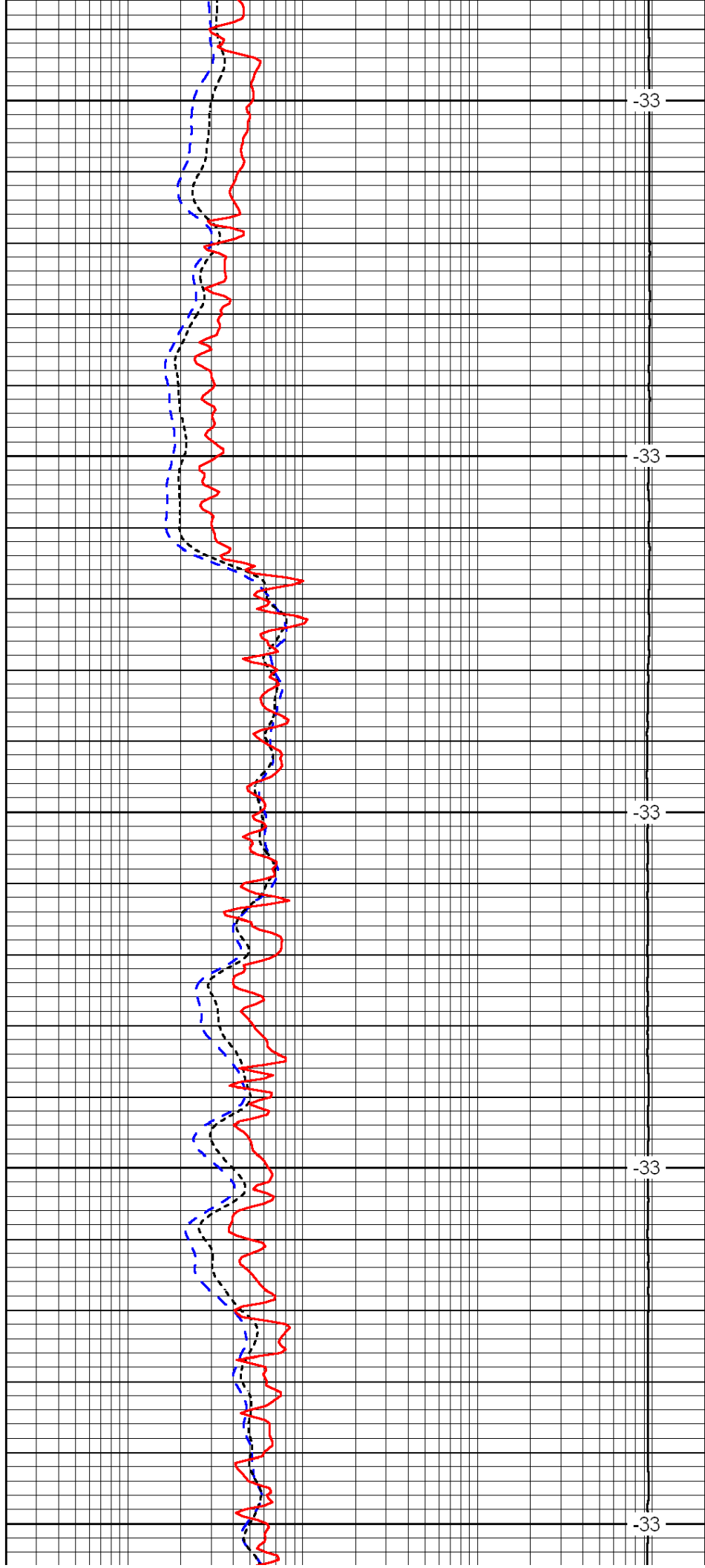
1200

1250

1300

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1400



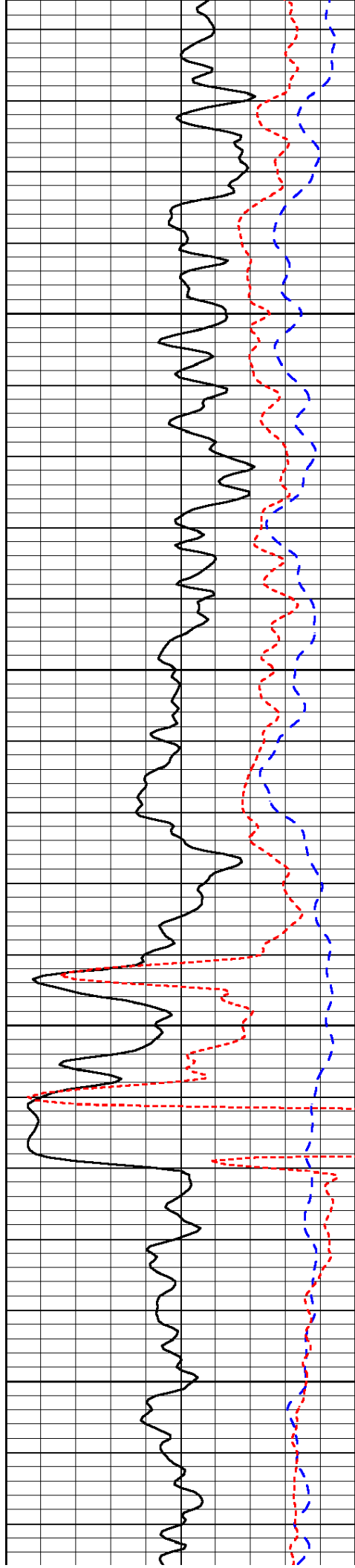
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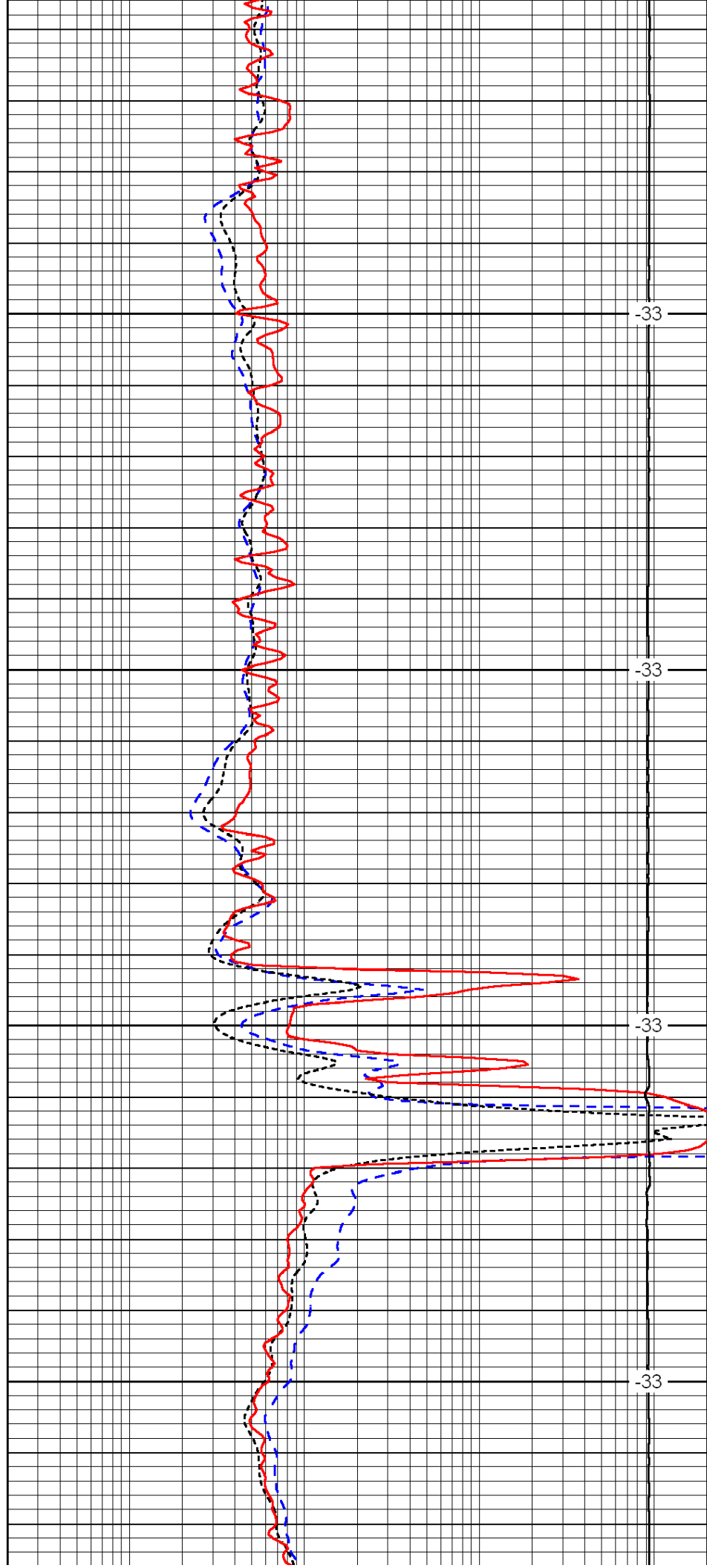


1450

1500

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1600

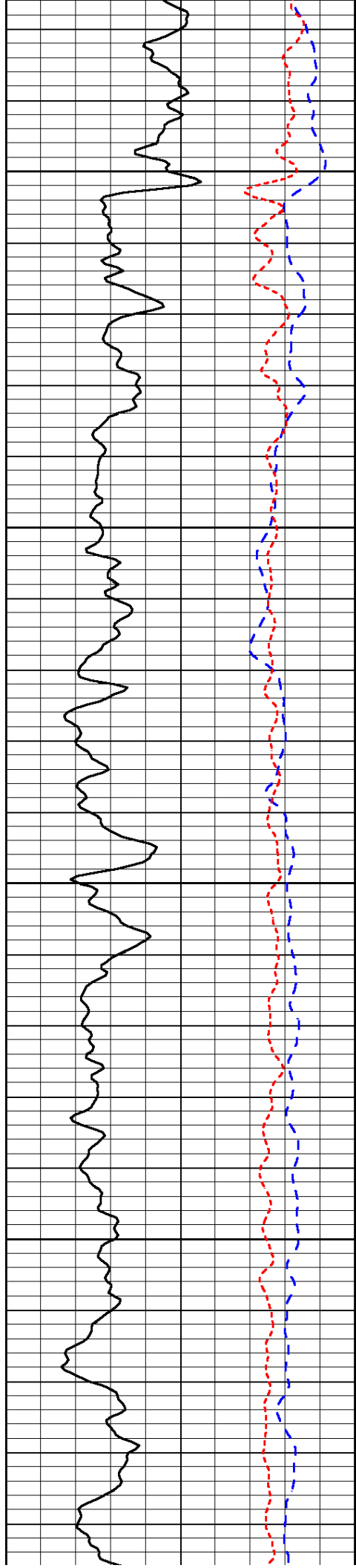


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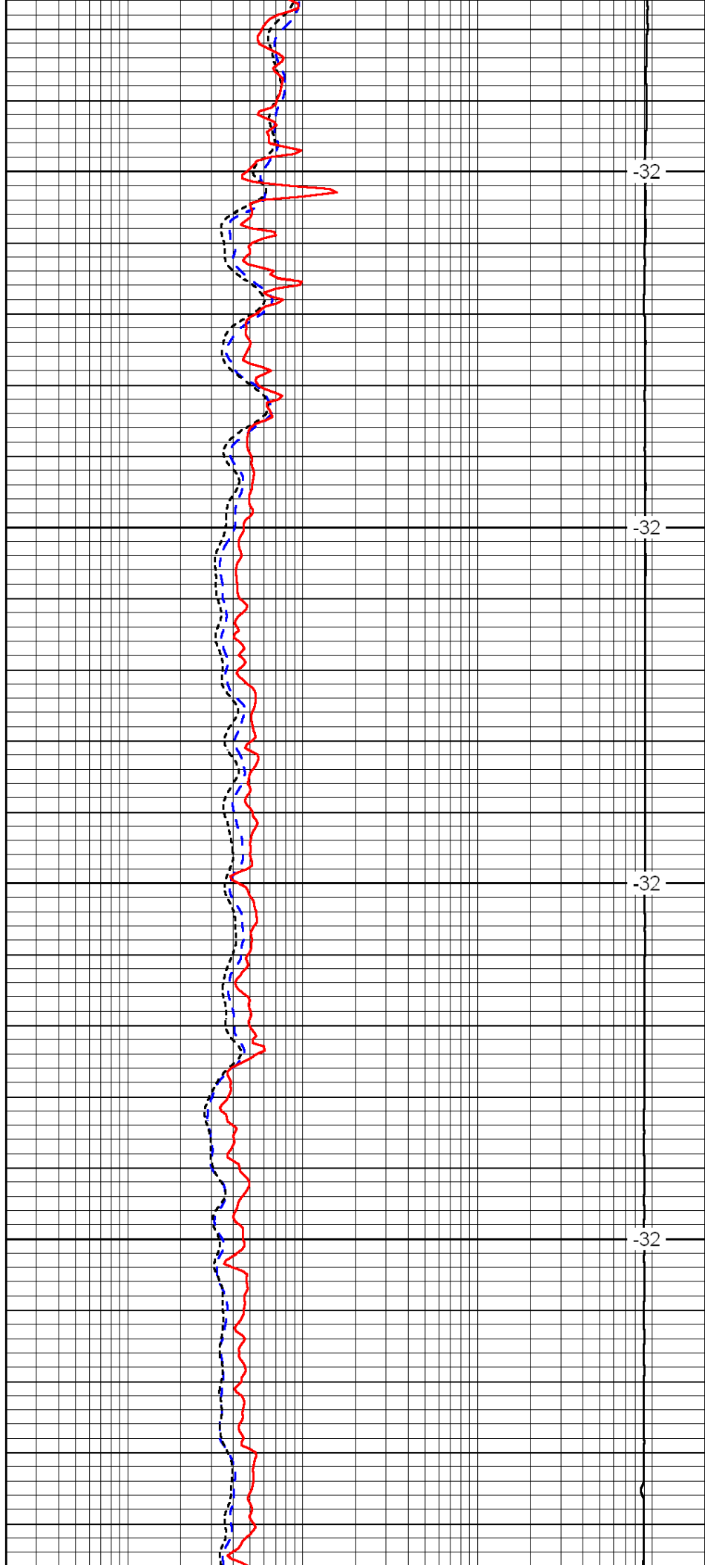


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1700

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1800

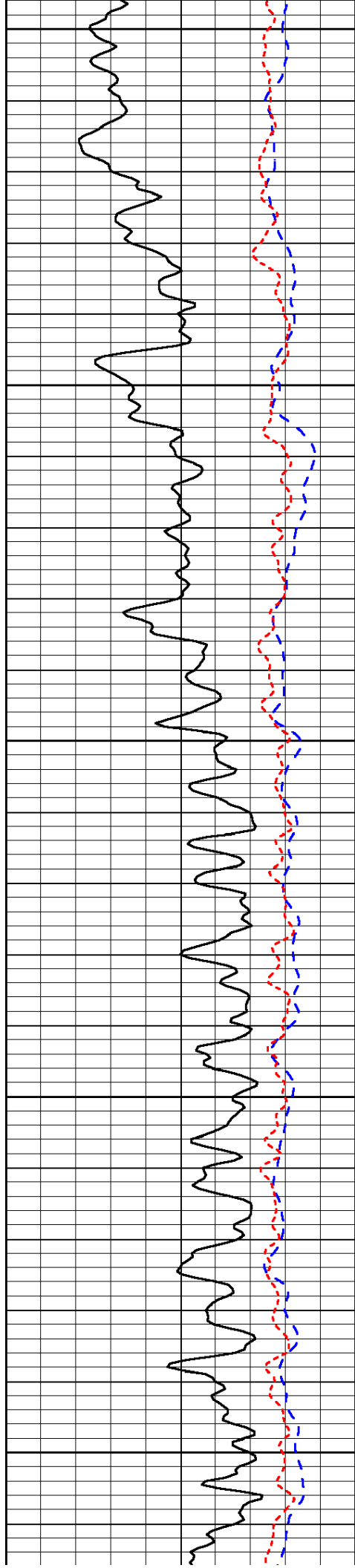


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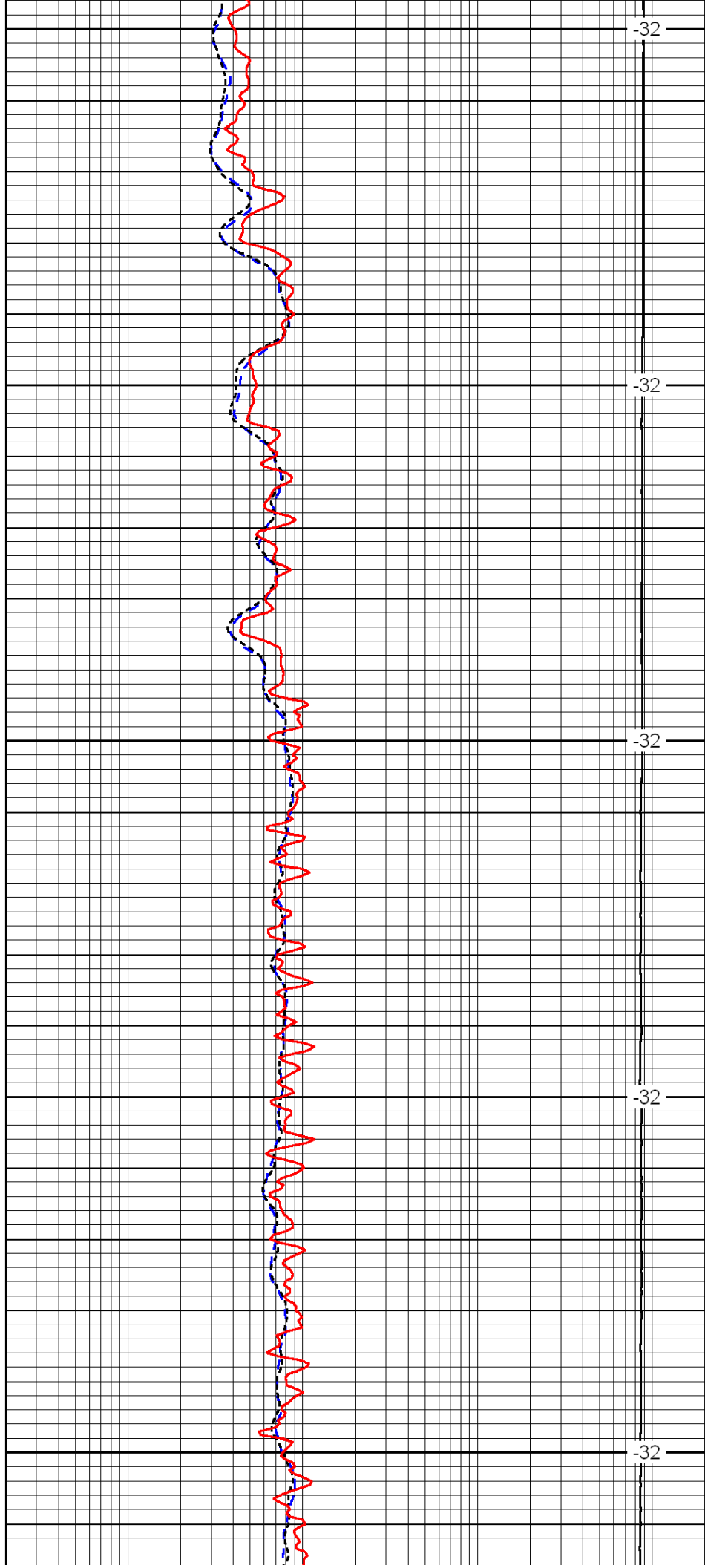
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1900

1950

2000

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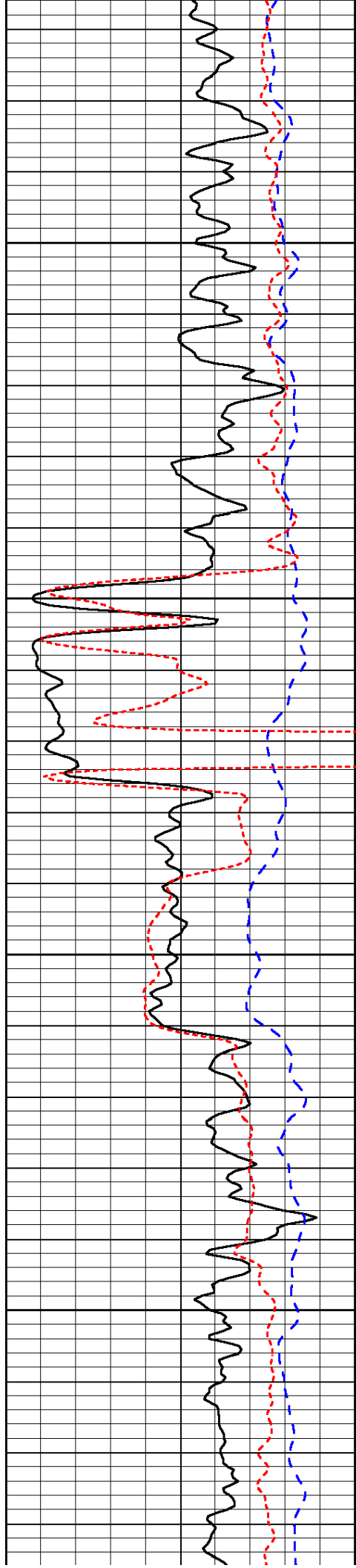
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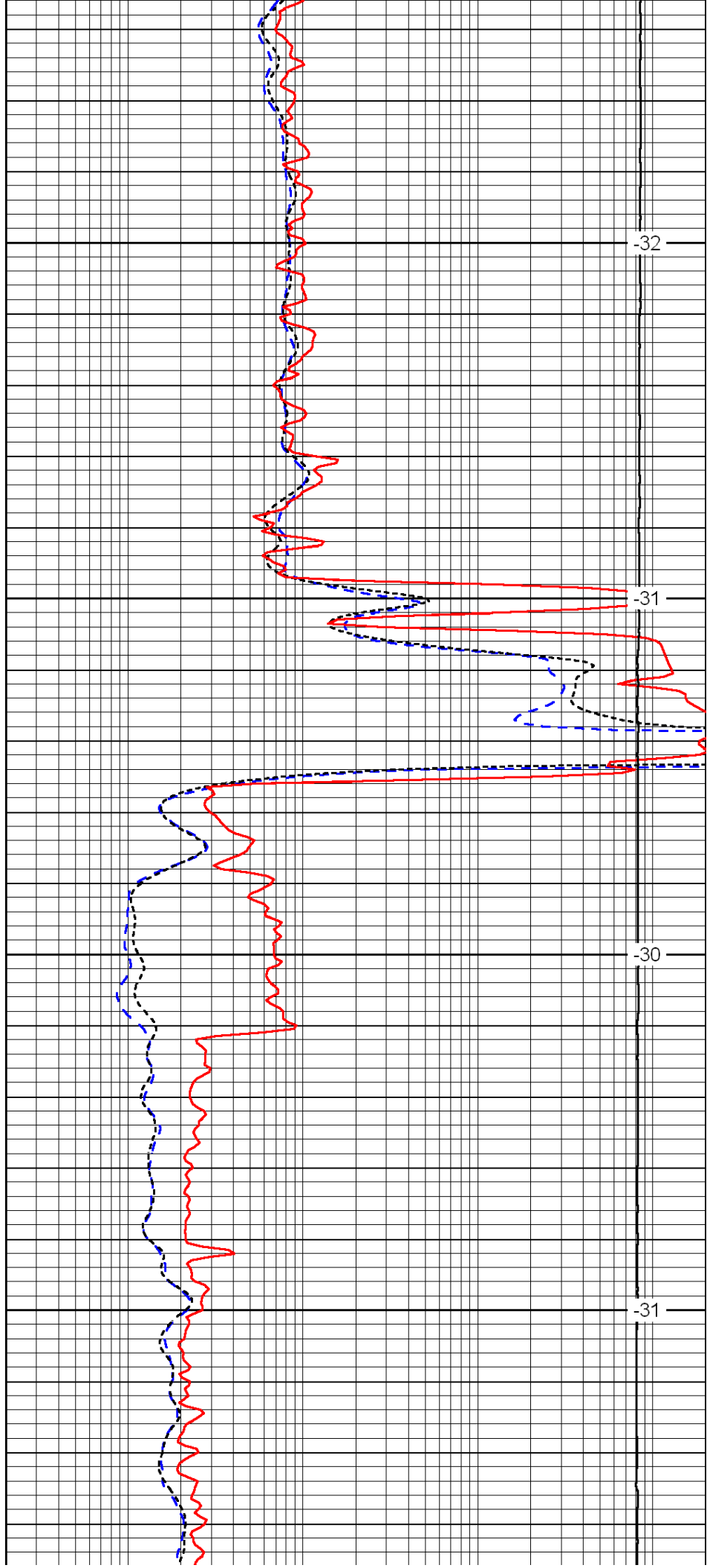


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2150

2200

2250

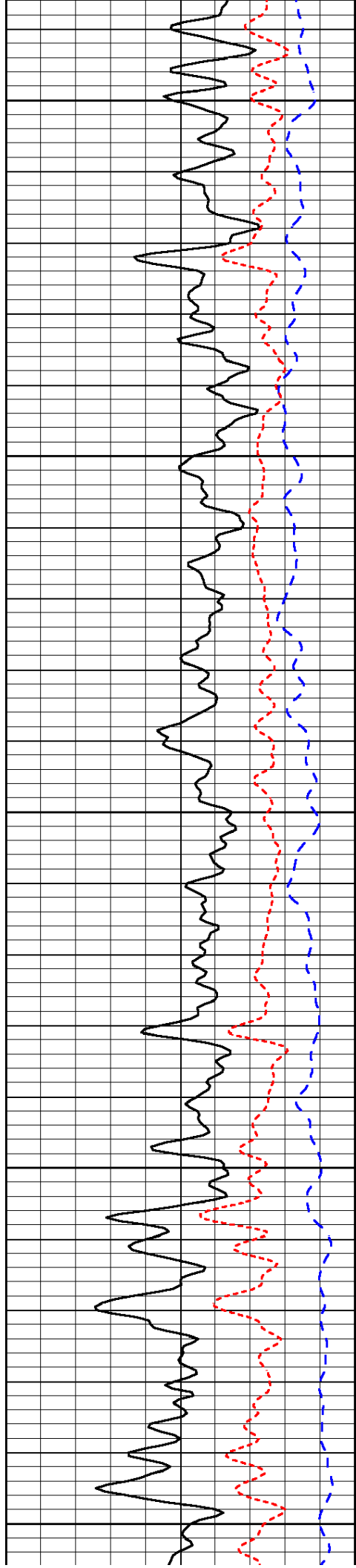


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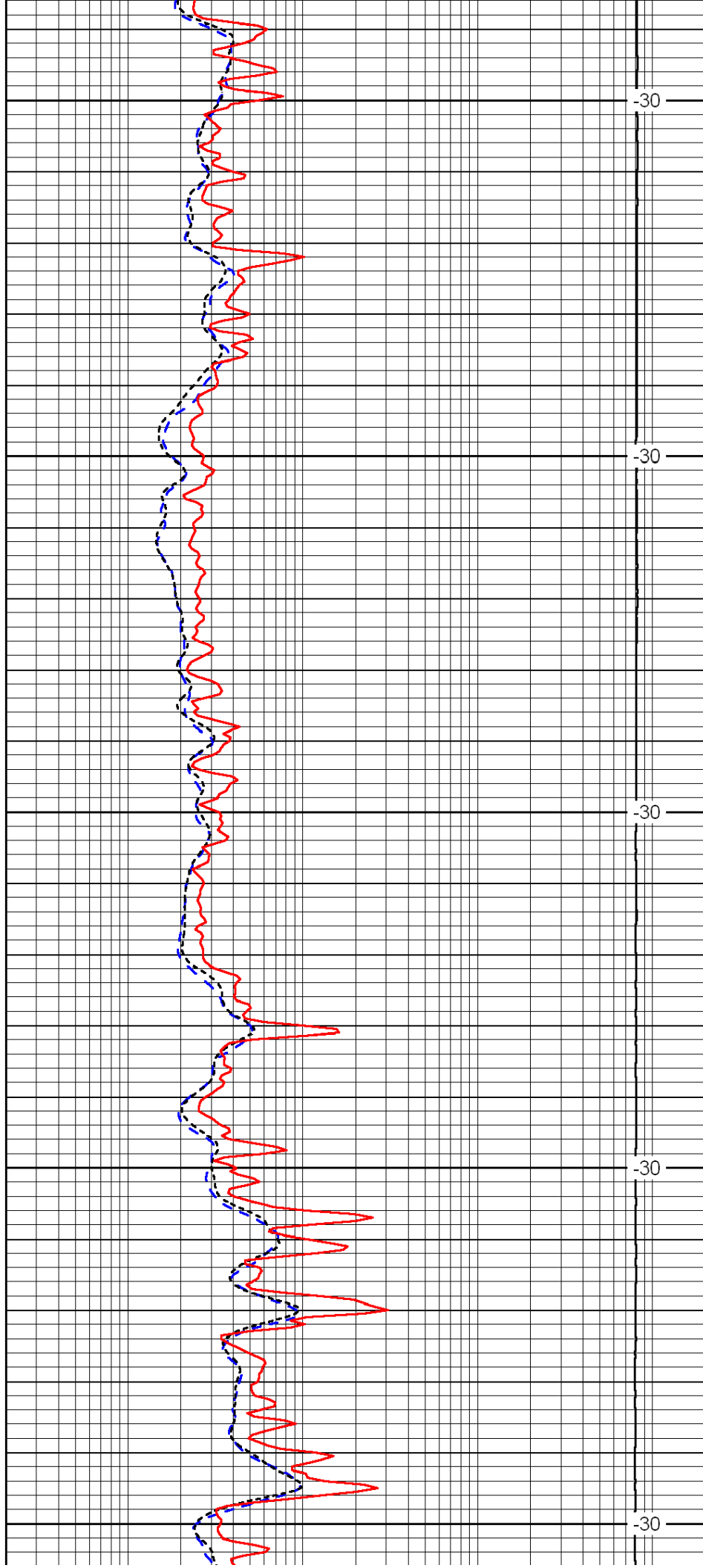
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2500



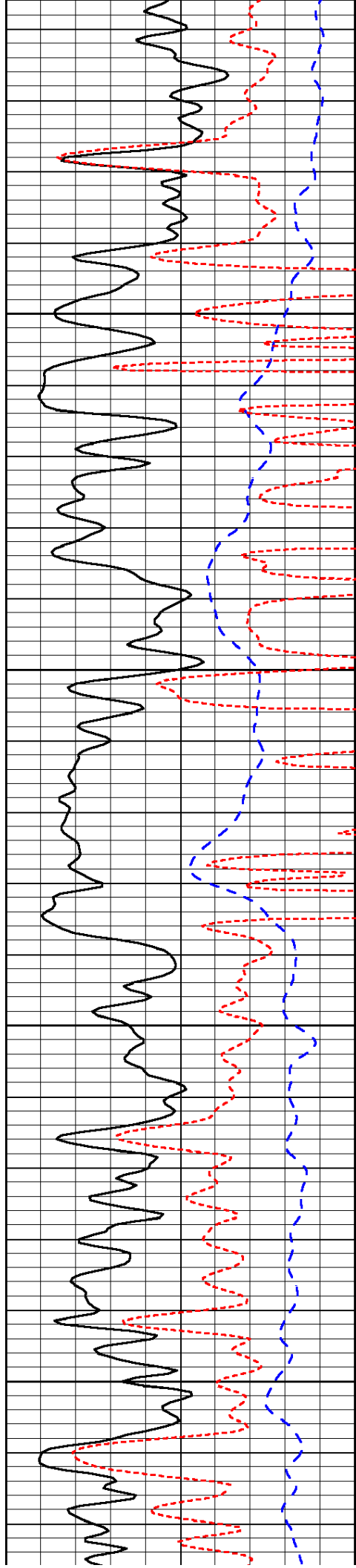
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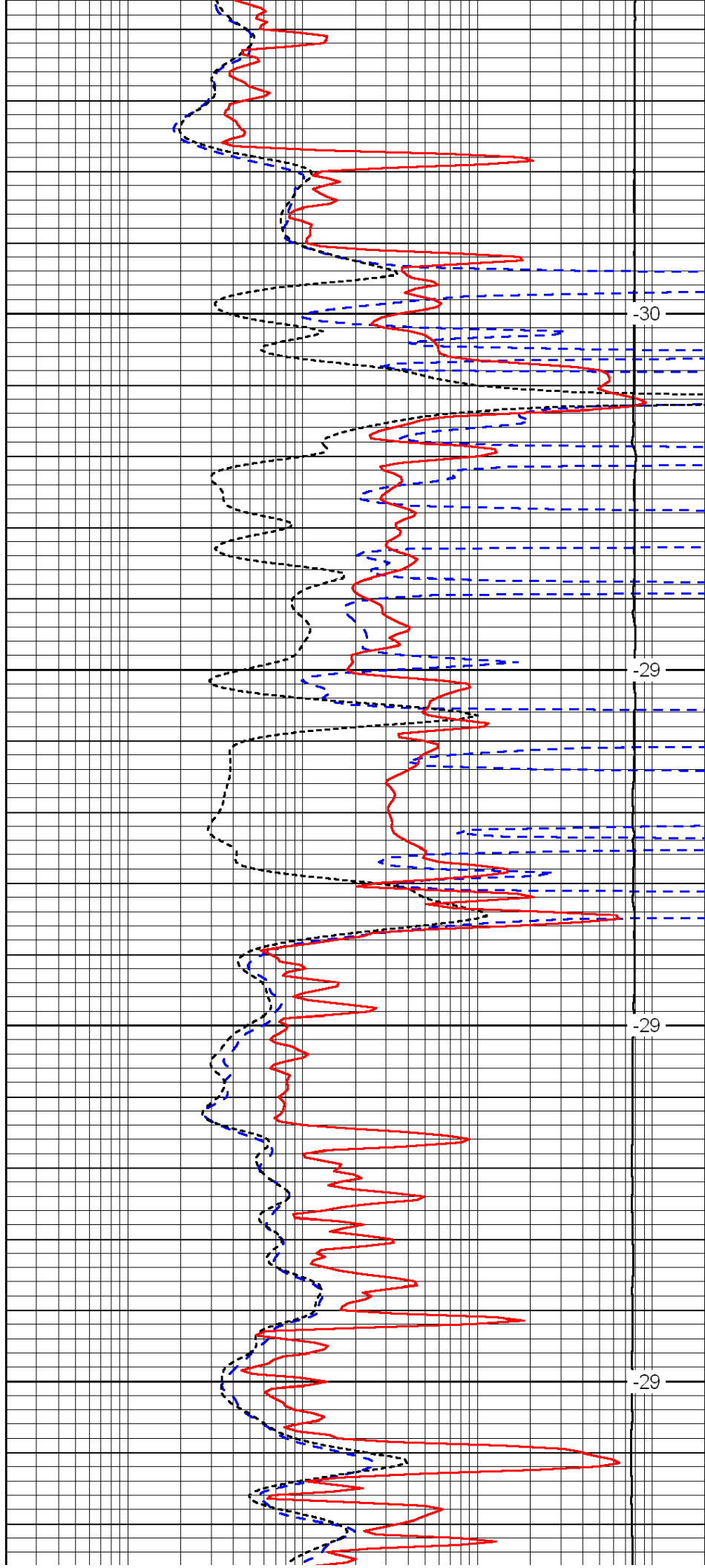


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2600

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2700

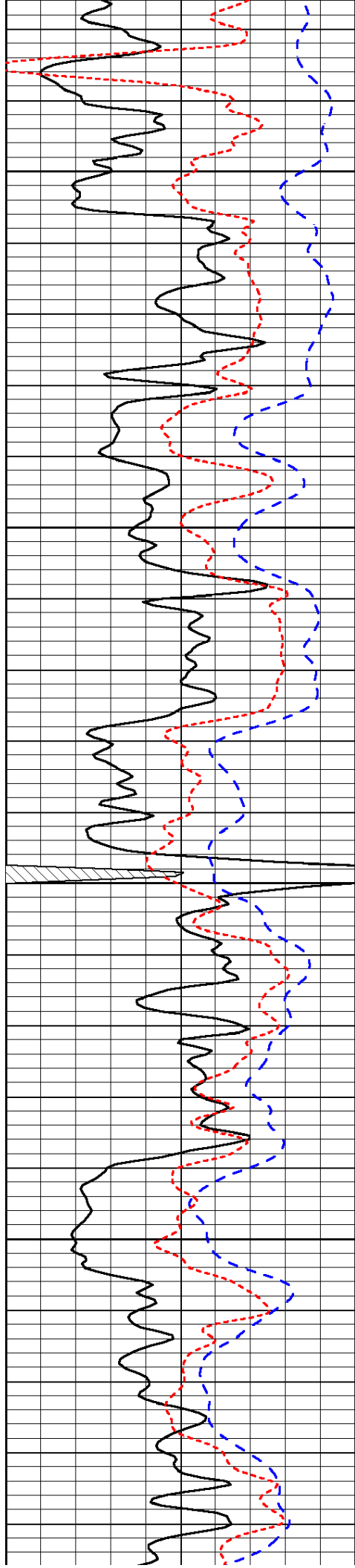


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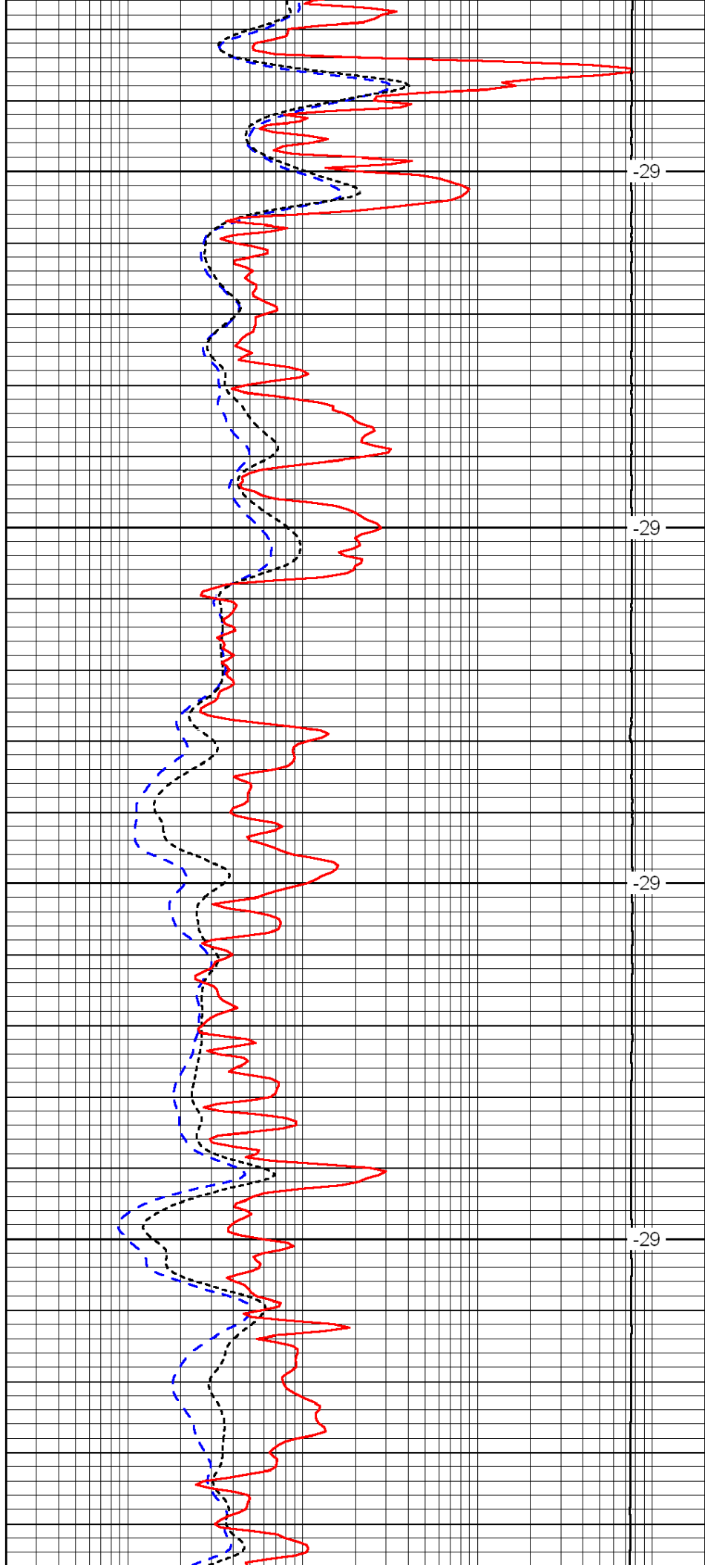


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2800

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2900

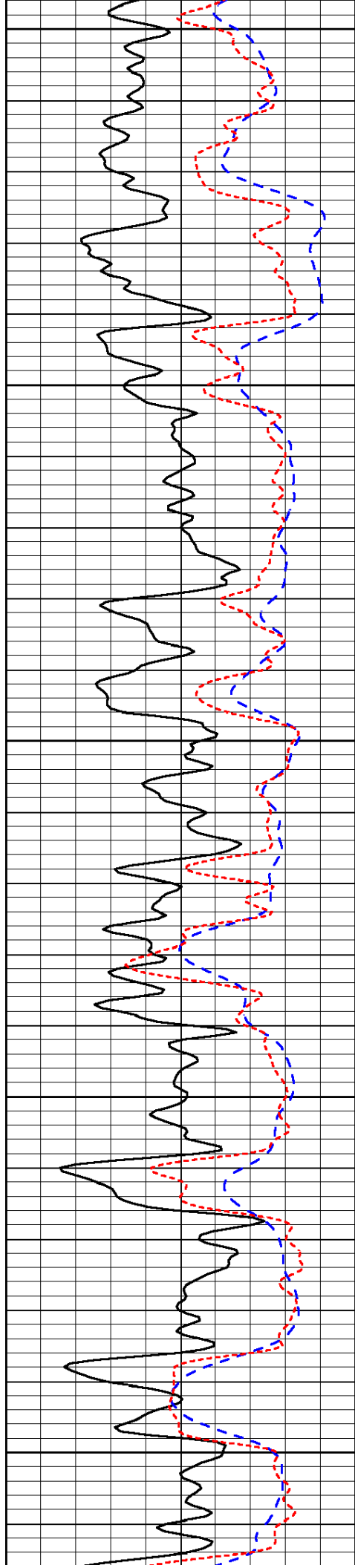


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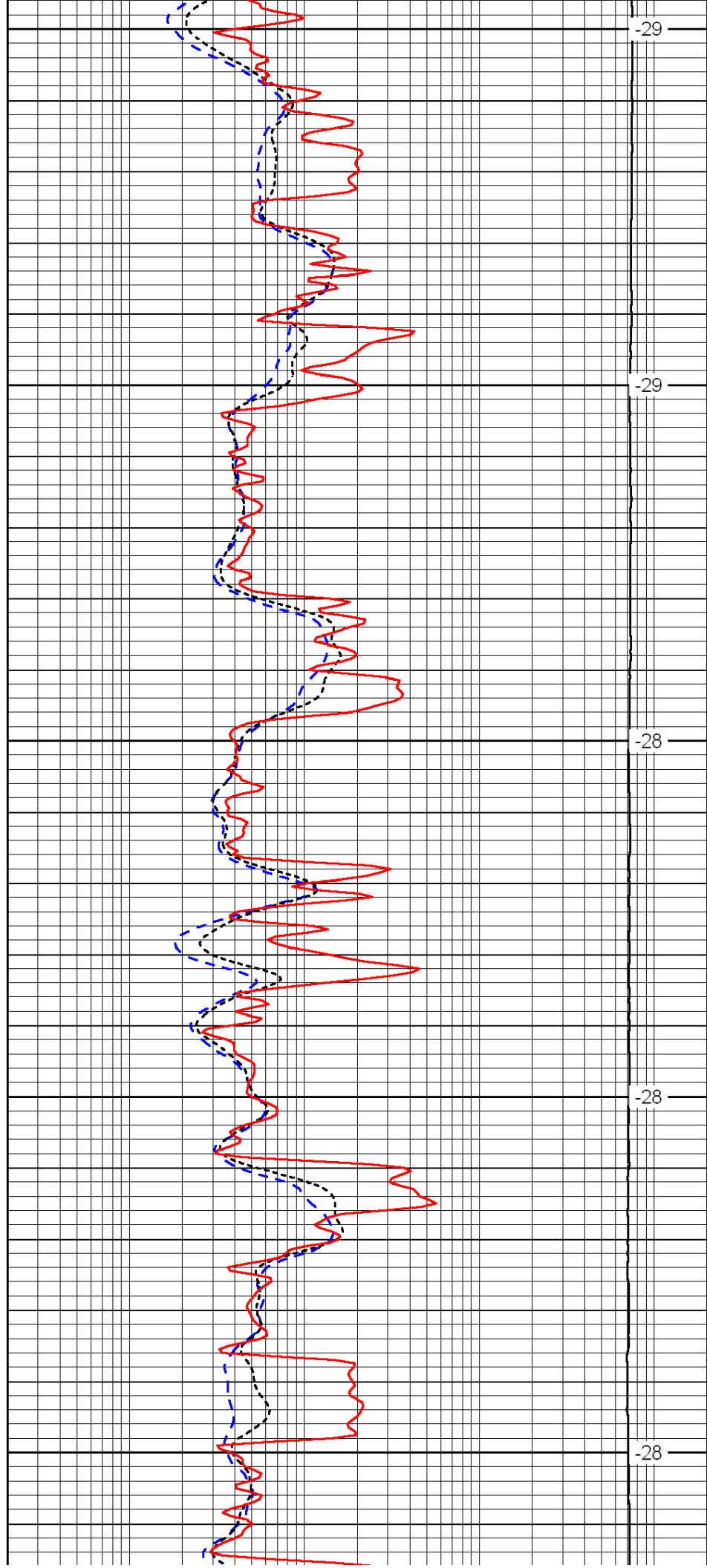
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3000

3050

3100

3150



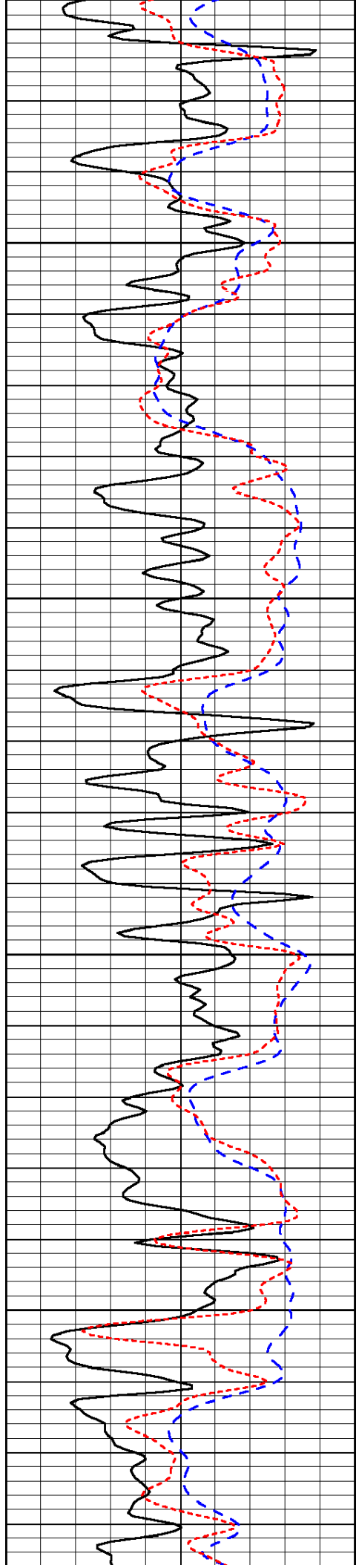
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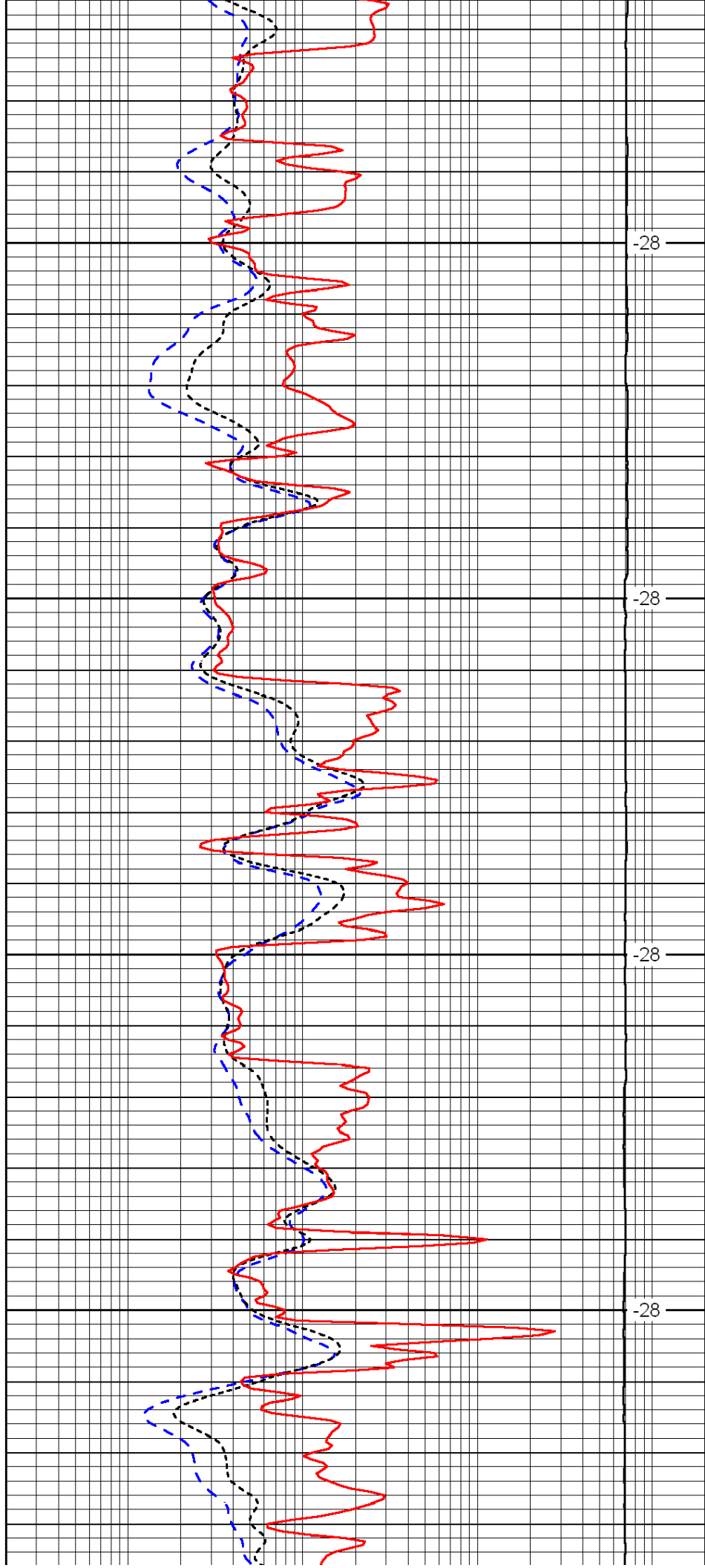


3200

3250

3300

3350

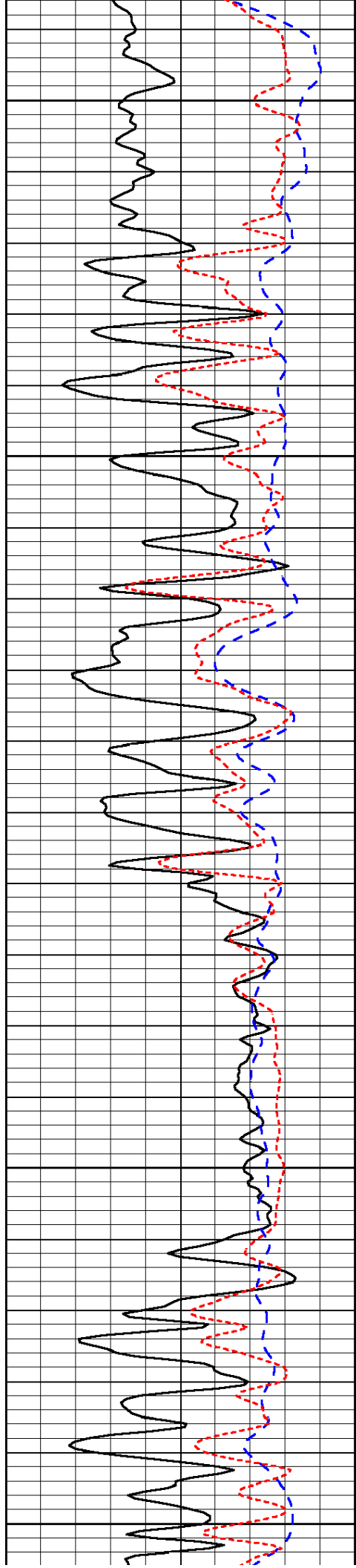


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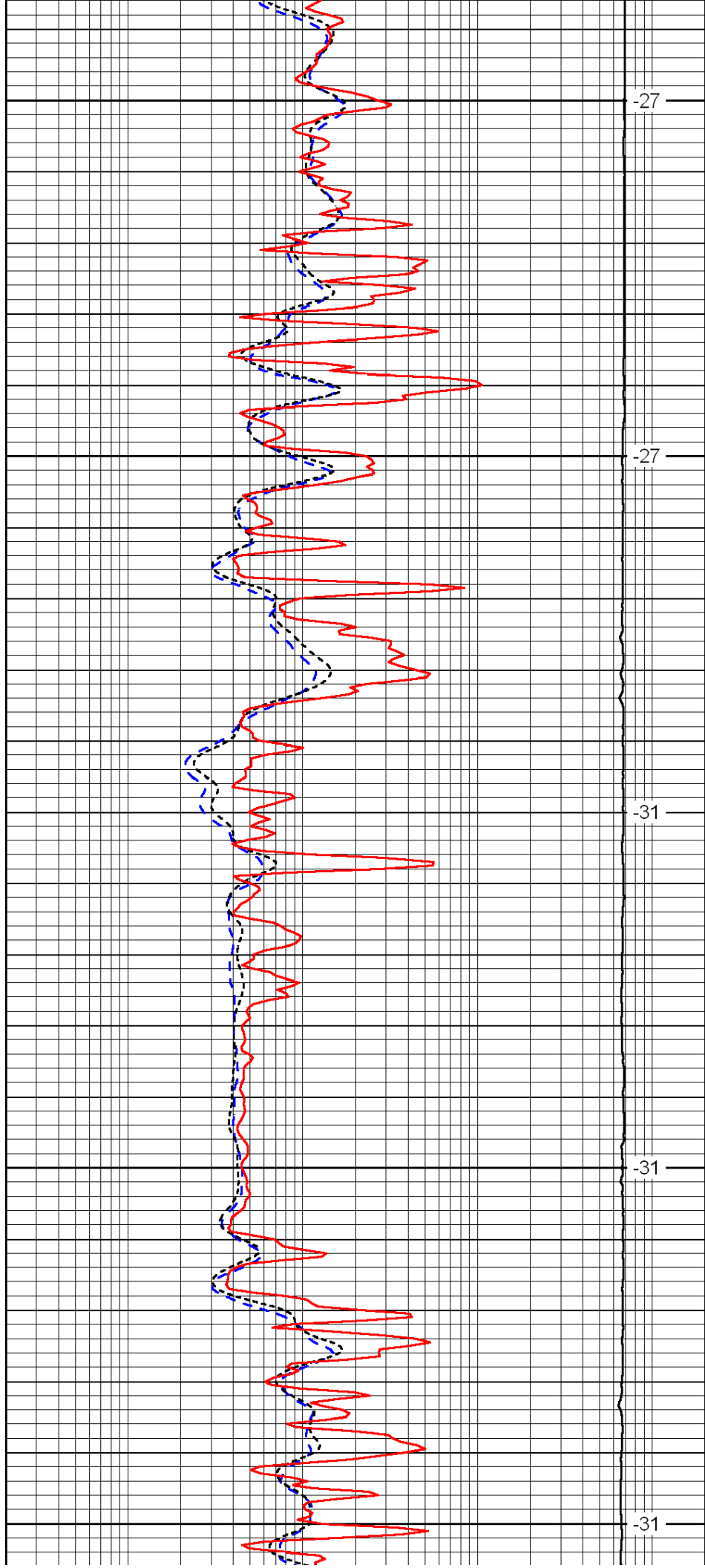
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3450

3500

3550

3600



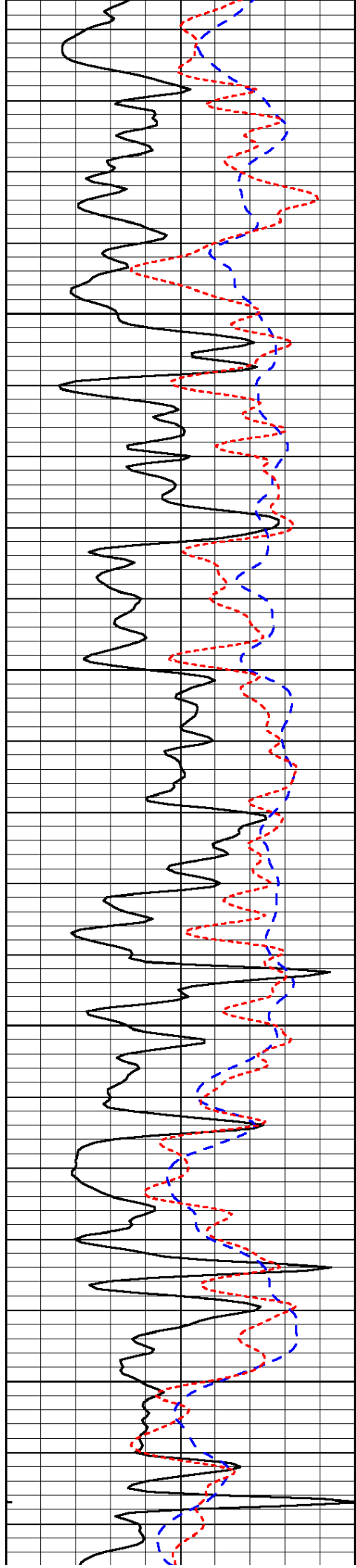
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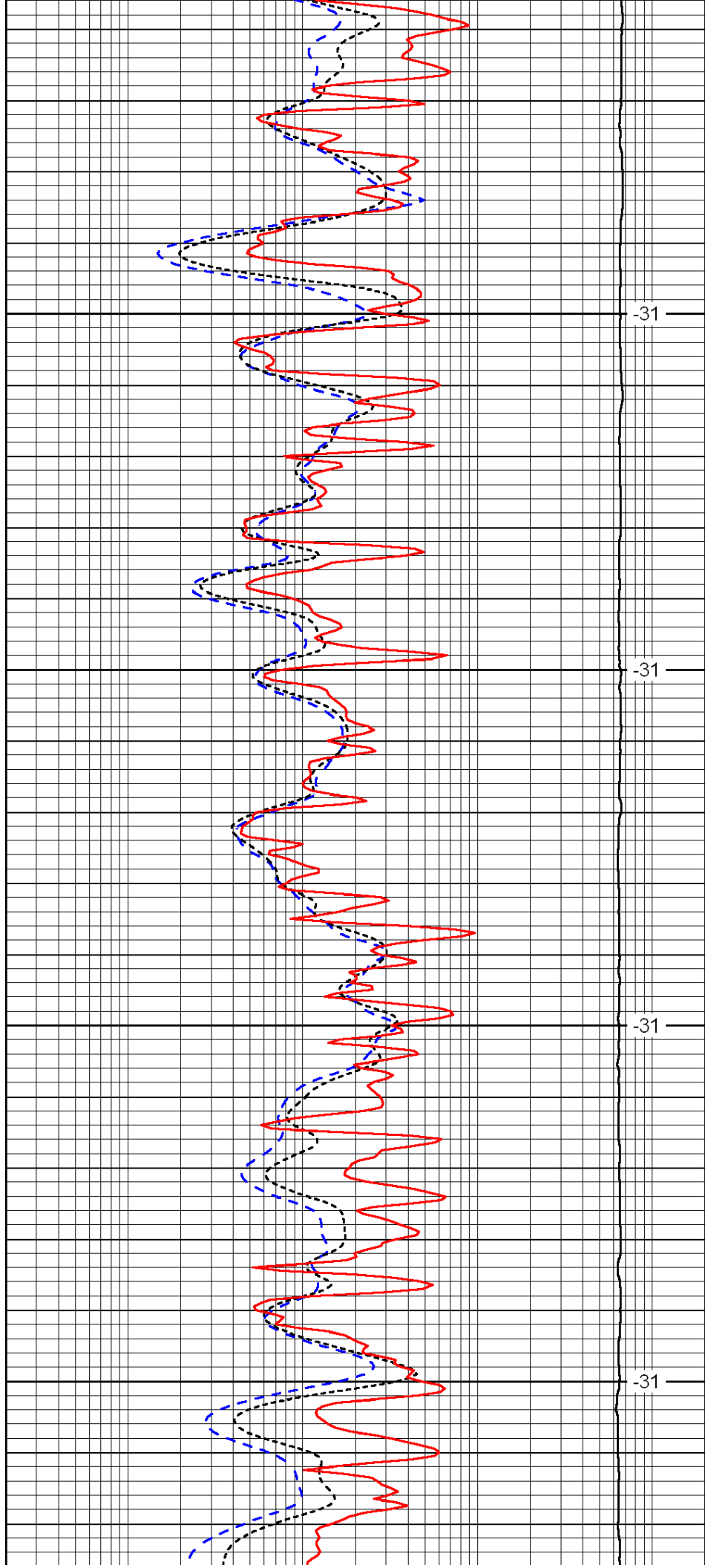


3650

3700

3750

3800

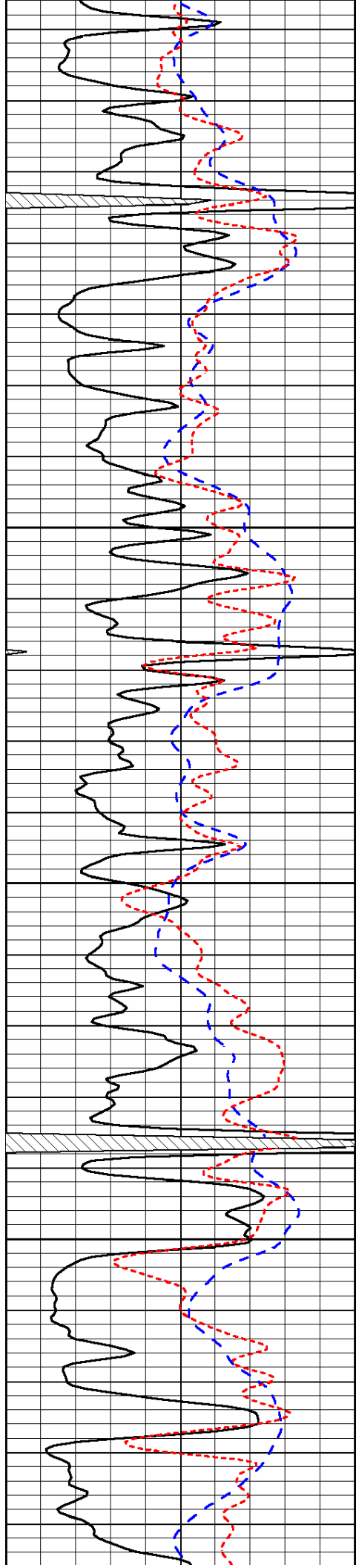


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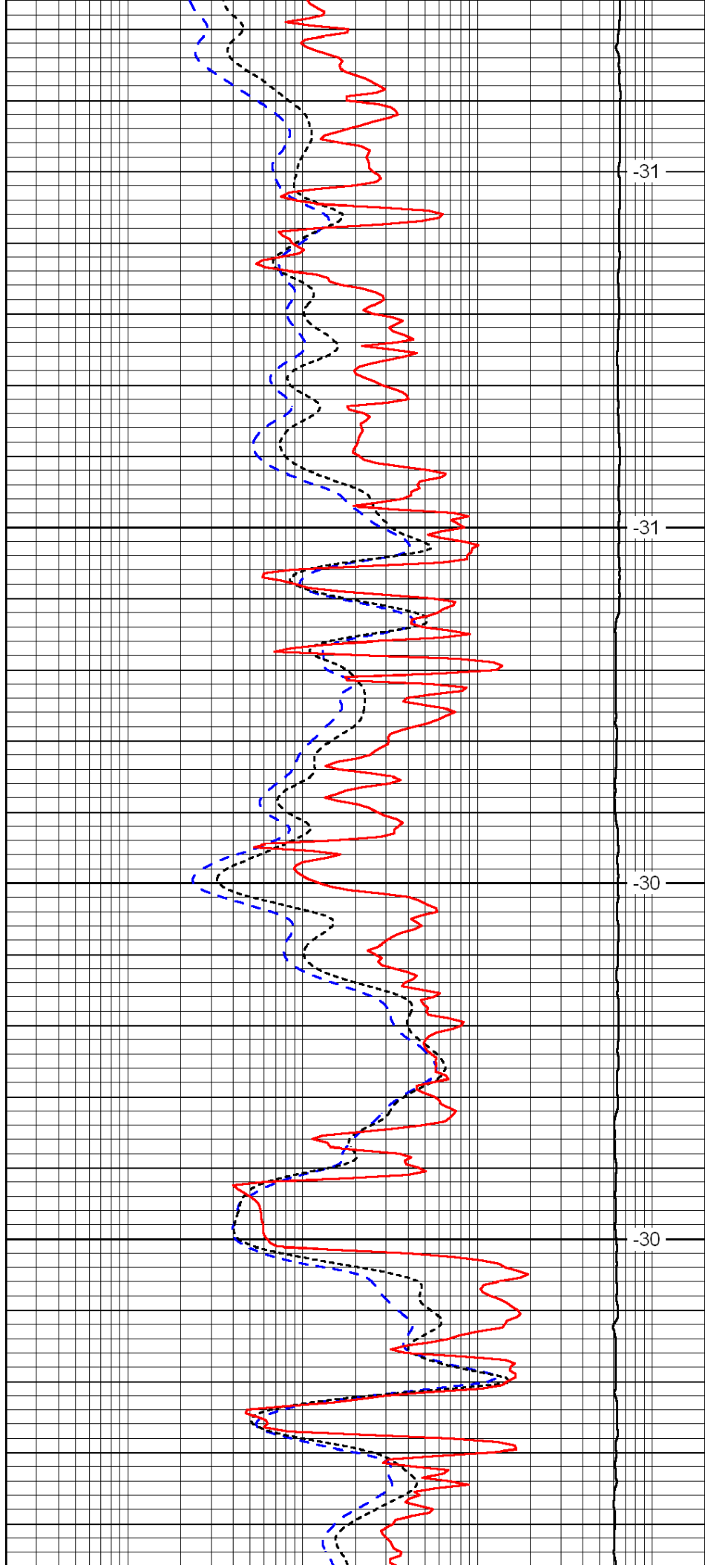


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3900

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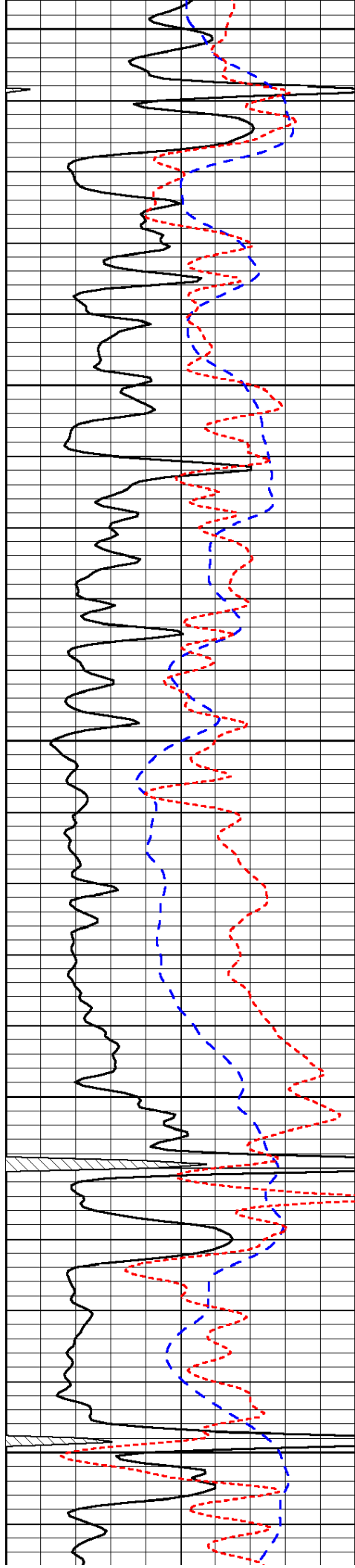


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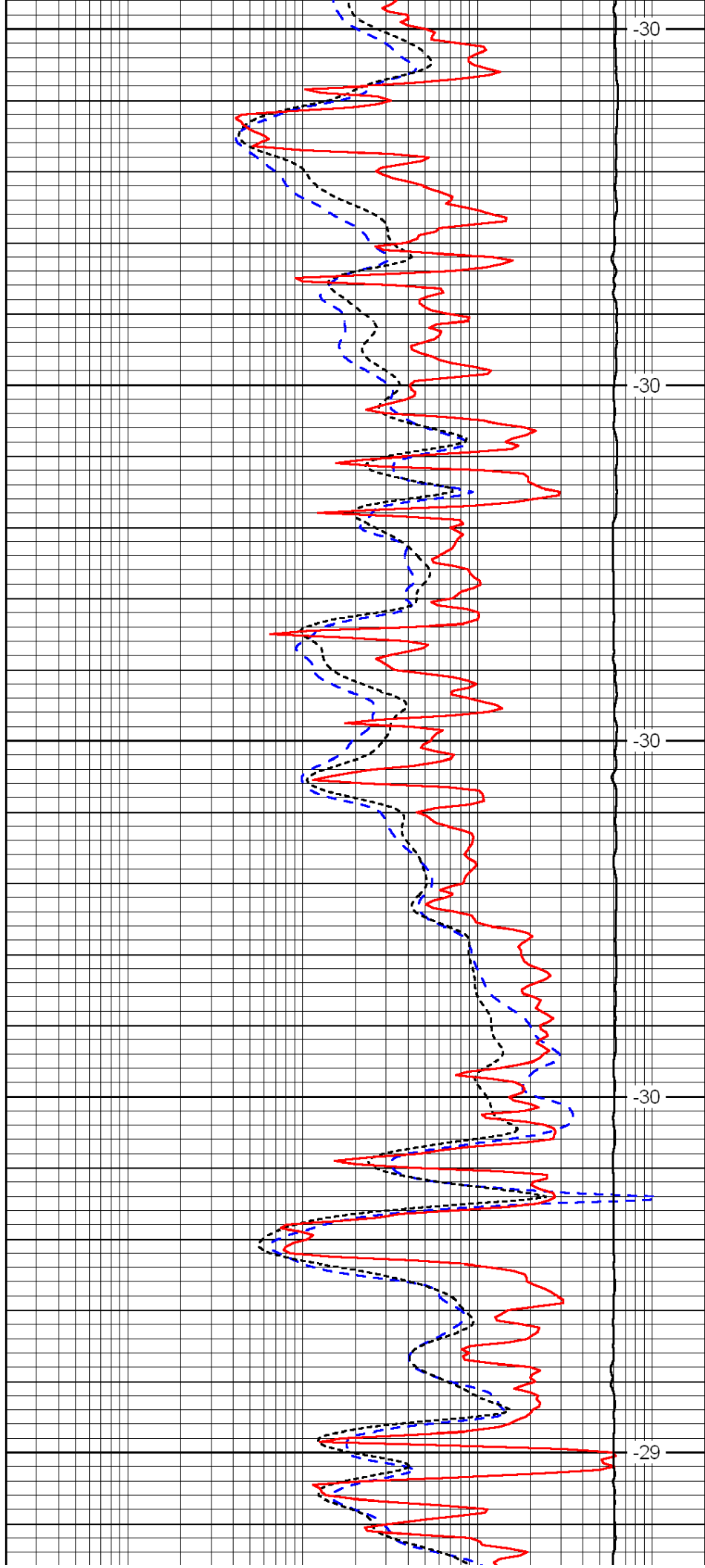
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4200

4250



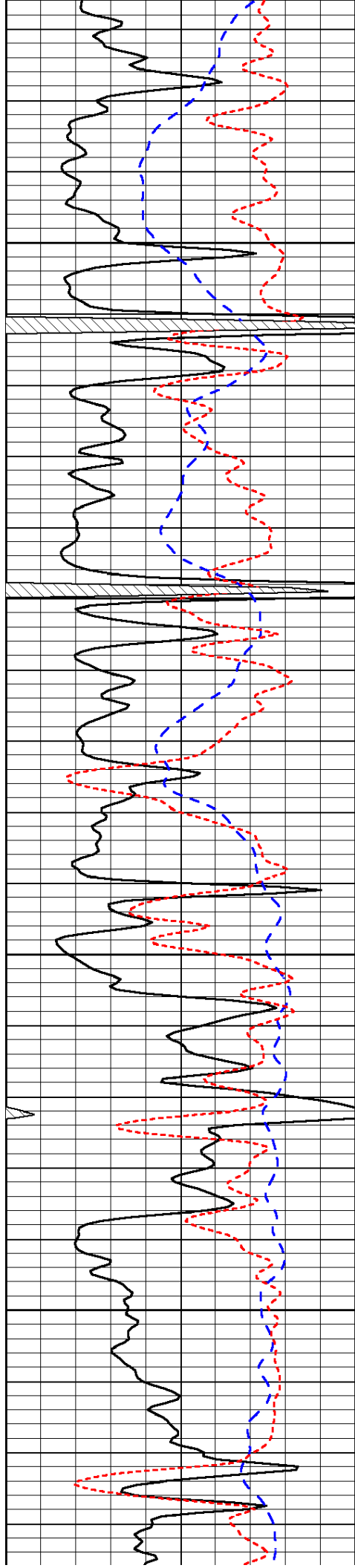
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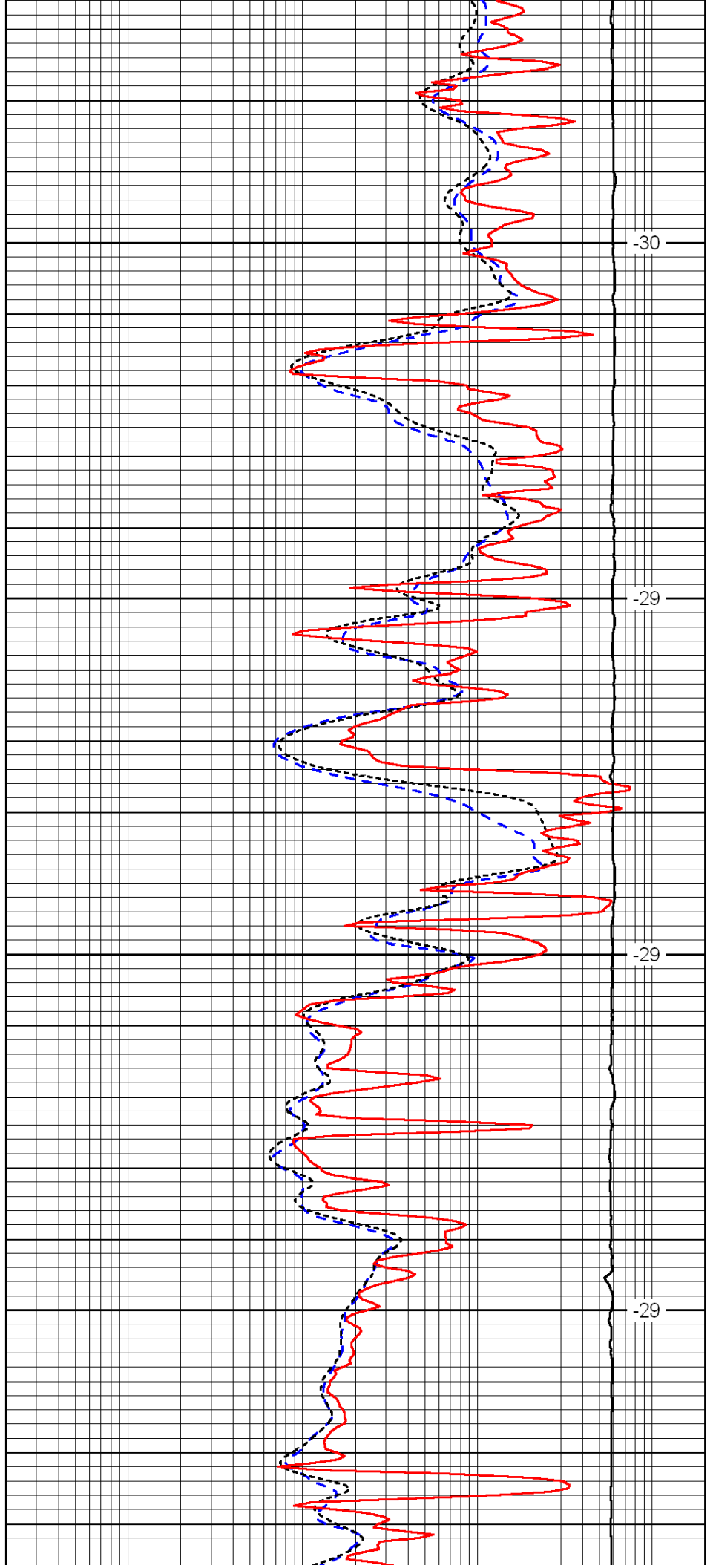


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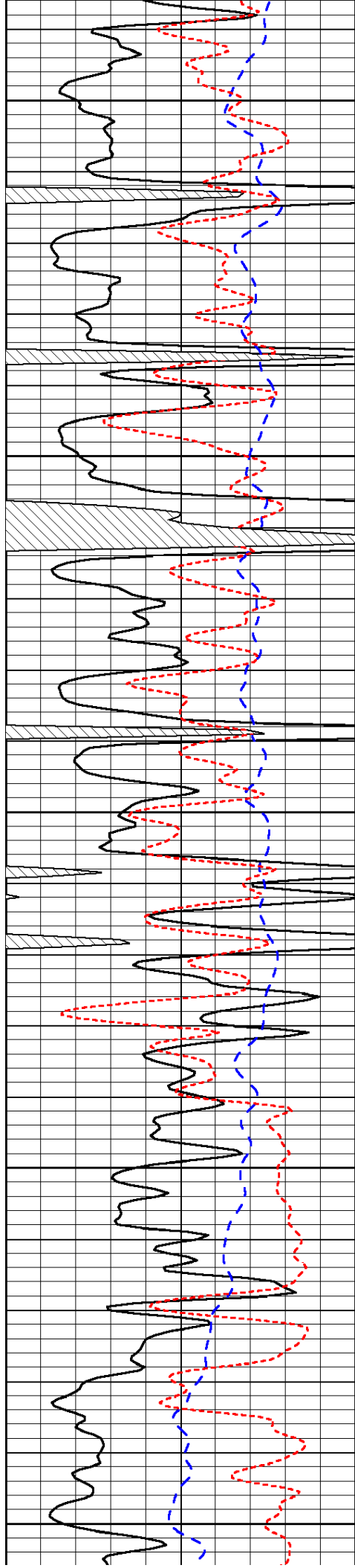


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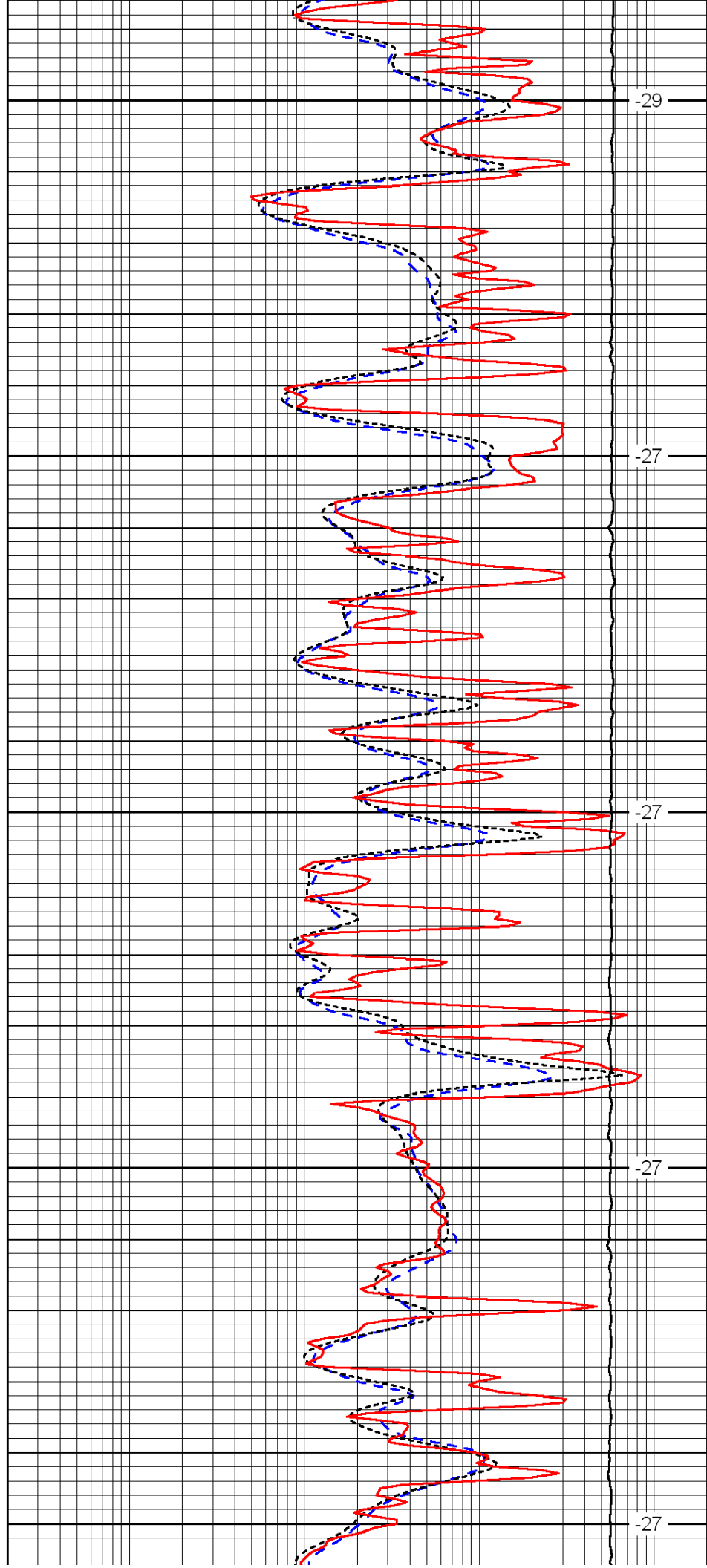
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4600

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4700



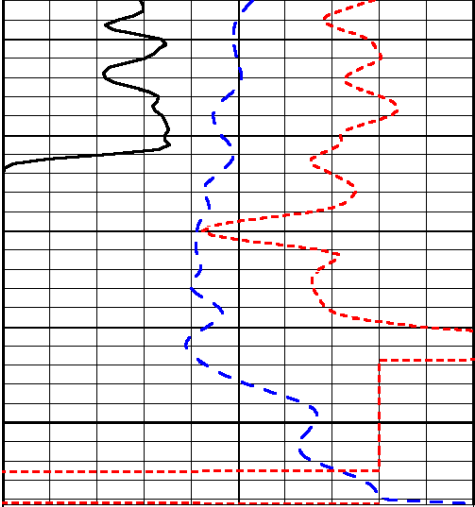
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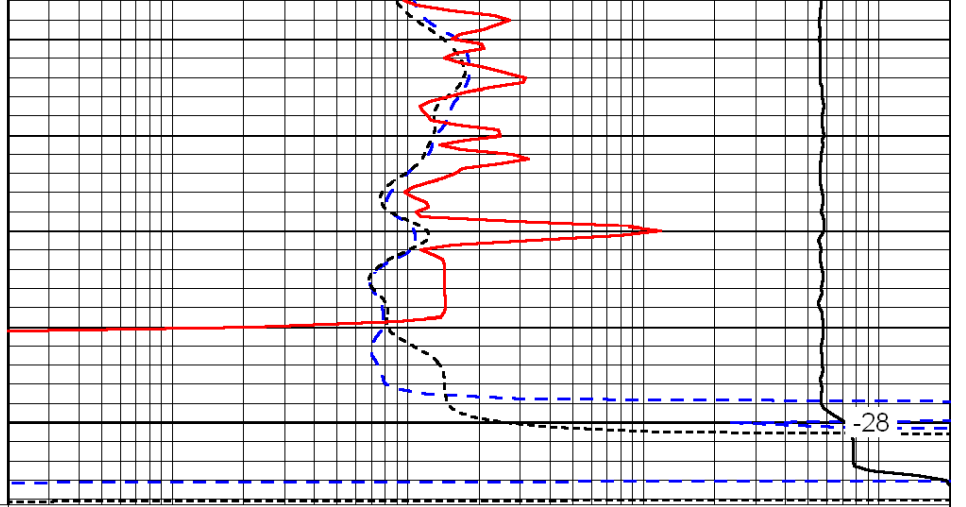
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|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP (mV)   | 0   |
| -160 | Rxo / Rt  | 40  |

4750



|       |                     |      |
|-------|---------------------|------|
| 0.2   | Deep Resistivity    | 2000 |
| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 15000 | Line Tension        | 0    |

LSPD