



## Dual Induction Log

DIGITAL LOG (785) 625-3858

|                        |                                                 |                                       |                                                  |
|------------------------|-------------------------------------------------|---------------------------------------|--------------------------------------------------|
| API No.                | Company Falcon Exploration, Inc.                |                                       |                                                  |
| 15-025-21,496-00-00    | Well YBC No. 2-31                               |                                       |                                                  |
|                        | Field Wildcat                                   |                                       |                                                  |
|                        | County Clark                                    | State                                 | Kansas                                           |
|                        | Location SW SE NE NW<br>1,270' FNL & 2,150' FWL | Other Services<br>CNL/CDL<br>MEL/BHCS |                                                  |
|                        | Sec: 31 Twp: 30 S                               | Rge: 22 W                             | Elevation<br>K.B. 2439<br>D.F. 2429<br>G.L. 2429 |
| Permanent Datum        | Ground Level                                    | Elevation 2429                        |                                                  |
| Log Measured From      | Kelly Bushing                                   | 10 Ft. Above Perm. Datum              |                                                  |
| Drilling Measured From | Kelly Bushing                                   |                                       |                                                  |
| Date                   | 03/21/2010                                      |                                       |                                                  |
| Run Number             | One                                             |                                       |                                                  |
| Depth Driller          | 6490                                            |                                       |                                                  |
| Depth Logger           | 6490                                            |                                       |                                                  |
| Bottom Logged Interval | 6489                                            |                                       |                                                  |
| Top Log Interval       | 00                                              |                                       |                                                  |
| Casing Driller         | 8,625 @ 696                                     |                                       |                                                  |
| Casing Logger          | 684                                             |                                       |                                                  |
| Bit Size               | 7.875                                           |                                       |                                                  |
| Type Fluid in Hole     | Chemical                                        |                                       |                                                  |
| Salinity, ppm CL       | 7,600                                           |                                       |                                                  |
| Density / Viscosity    | 9.2 49                                          |                                       |                                                  |
| pH / Fluid Loss        | 9.0 13.2                                        |                                       |                                                  |
| Source of Sample       | Flowline                                        |                                       |                                                  |
| Rm @ Meas. Temp        | .58 @ 60                                        |                                       |                                                  |
| Rmf @ Meas. Temp       | .44 @ 60                                        |                                       |                                                  |
| Rmc @ Meas. Temp       | .78 @ 60                                        |                                       |                                                  |
| Source of Rmf / Rmc    | Charts                                          |                                       |                                                  |
| Rm @ BHT               | .24 @ 143                                       |                                       |                                                  |
| Operating Rig Time     | 6 Hours                                         |                                       |                                                  |
| Max Rec. Temp. F       | 143                                             |                                       |                                                  |
| Equipment Number       | 17                                              |                                       |                                                  |
| Location               | Hays                                            |                                       |                                                  |
| Recorded By            | Mike Garrison                                   | Jim Schuler                           |                                                  |
| Witnessed By           | Keith Reavis                                    |                                       |                                                  |

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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

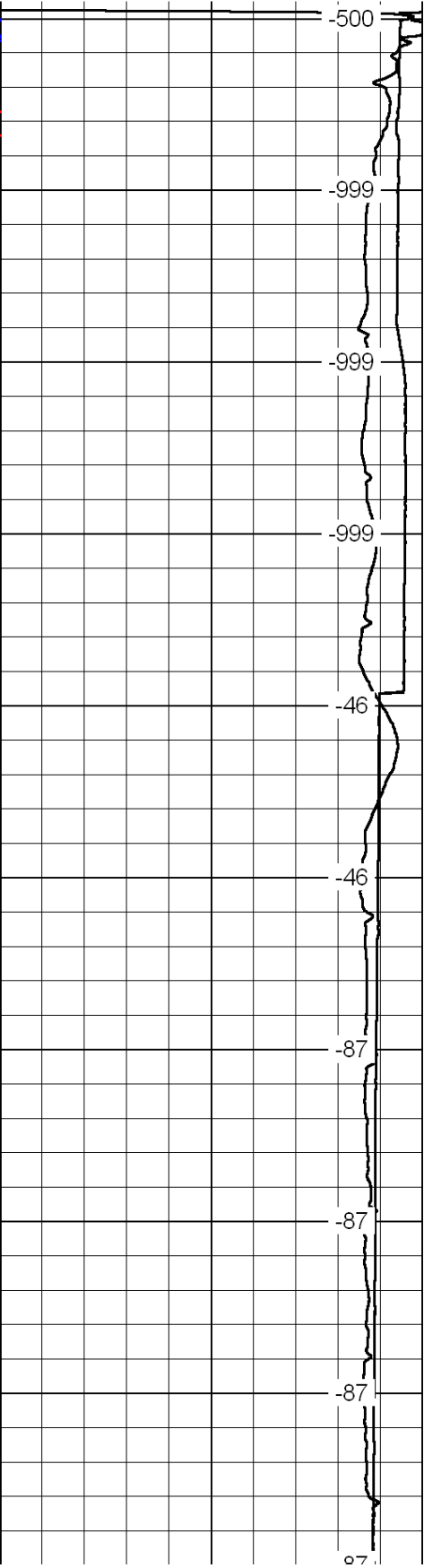
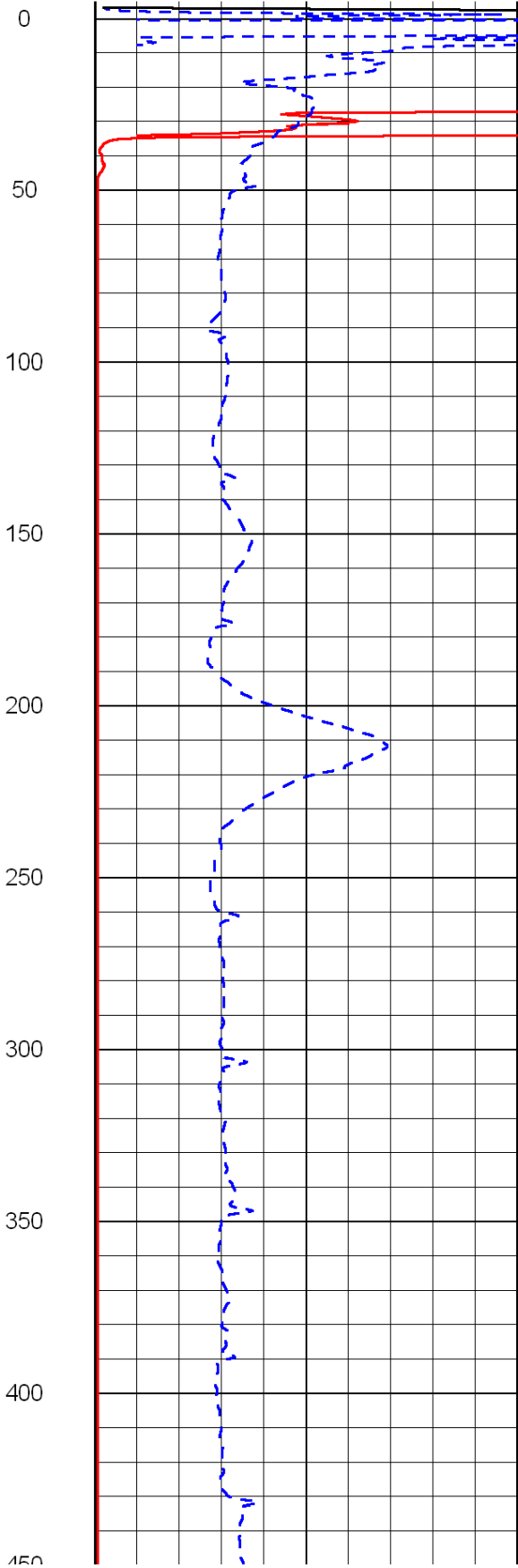
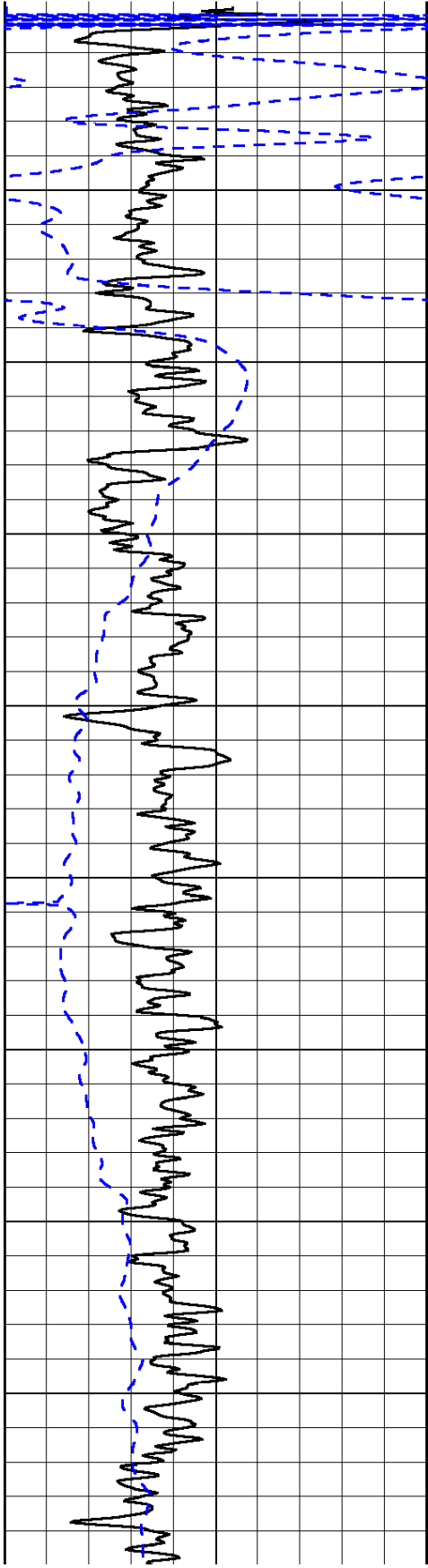
Kingsdown, 54 & 94 Junction, 9 S, 1/2 W, S Into

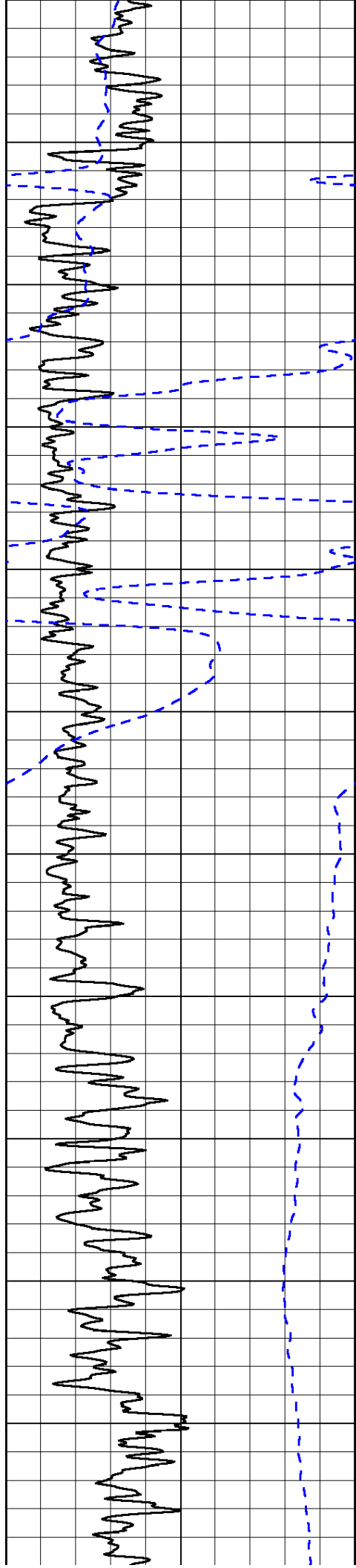
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Dataset Pathname: dil/falddetail  
Presentation Format: dil2in  
Dataset Creation: Sun Mar 21 19:39:56 2010  
Charted by: Depth in Feet scaled 1:600

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

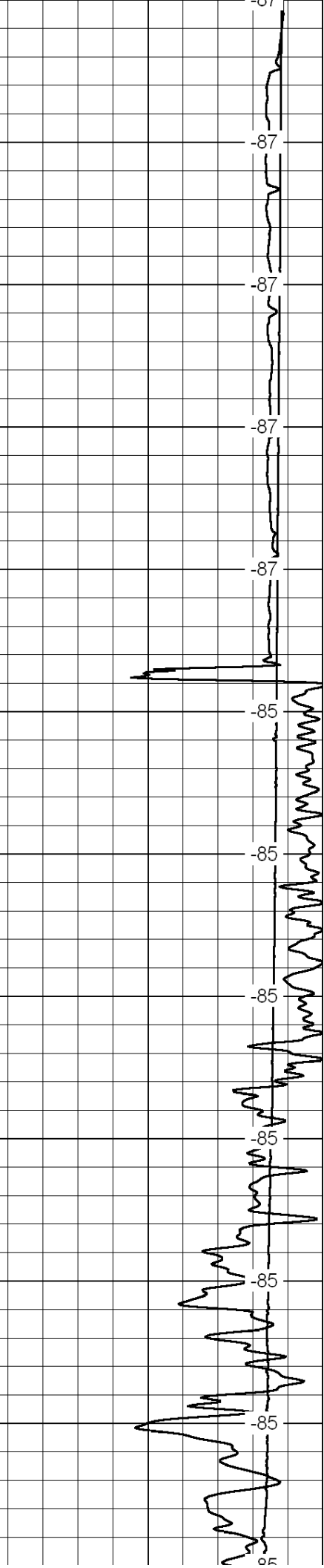
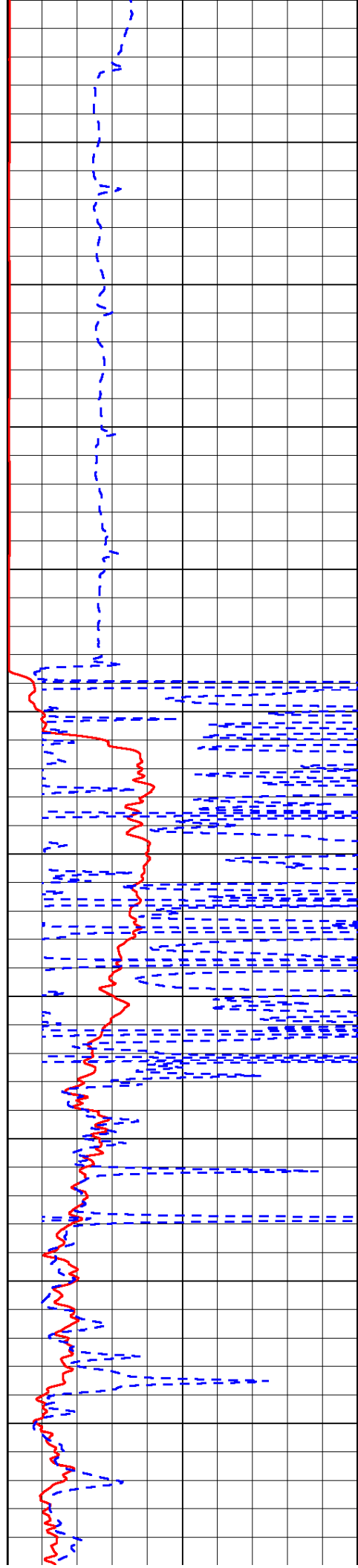
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|-------|-----------------------------|-----|
| 0     | Shallow Resistivity (Ohm-m) | 50  |
| 0     | Deep Resistivity (Ohm-m)    | 50  |
| 1000  | Conductivity (mmho/m)       | 0   |
| 15000 | Line Tension (lb)           | 0   |
| 50    | Shallow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

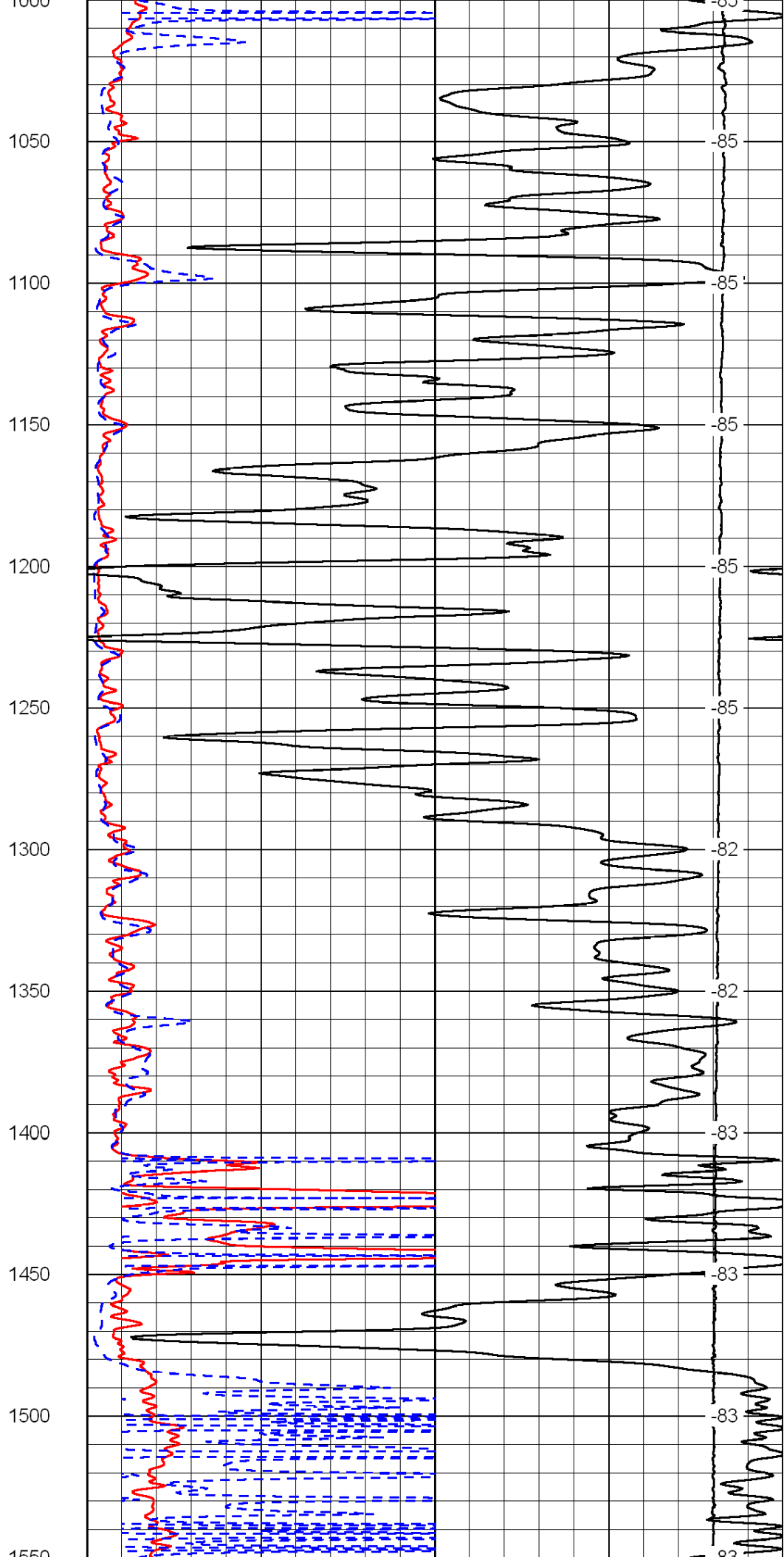
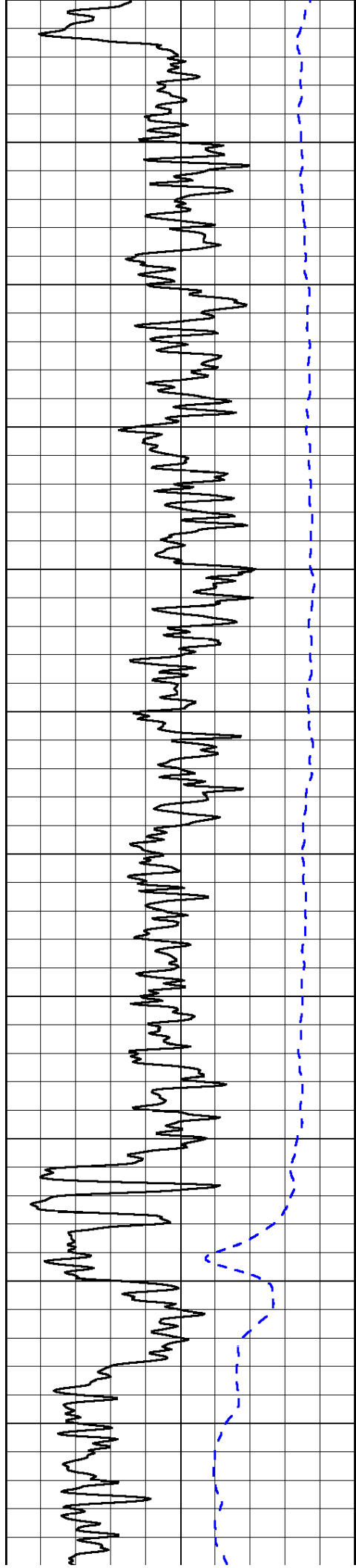
|          |
|----------|
| LSPD     |
| (ft/min) |



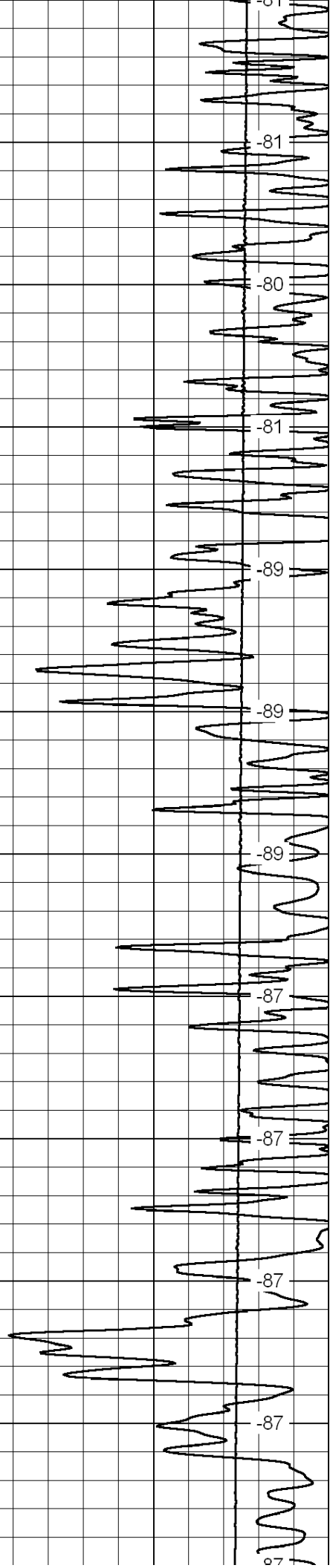
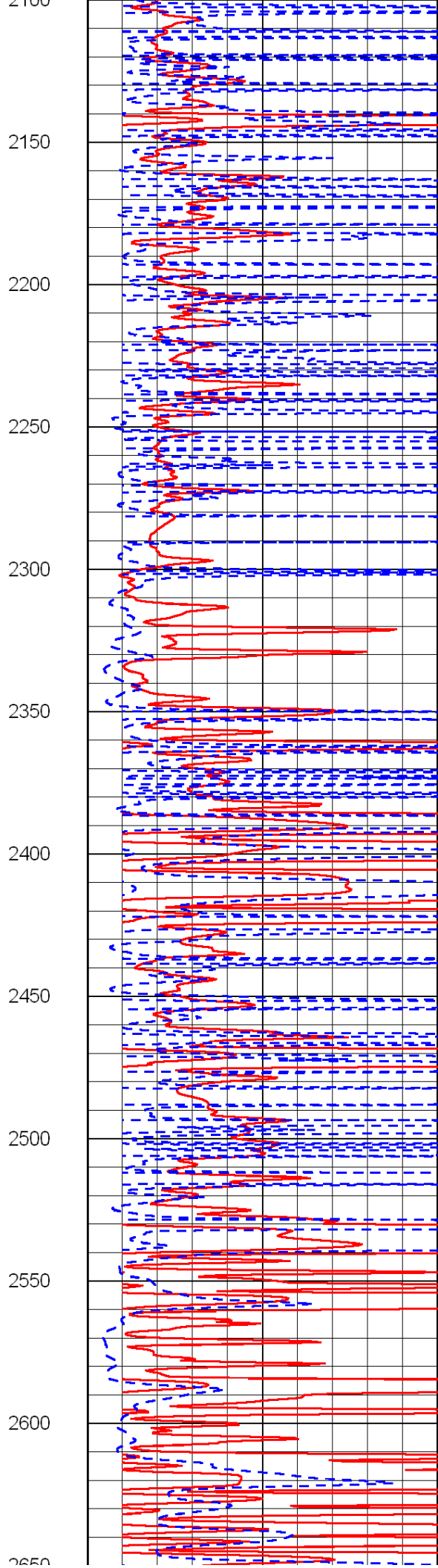
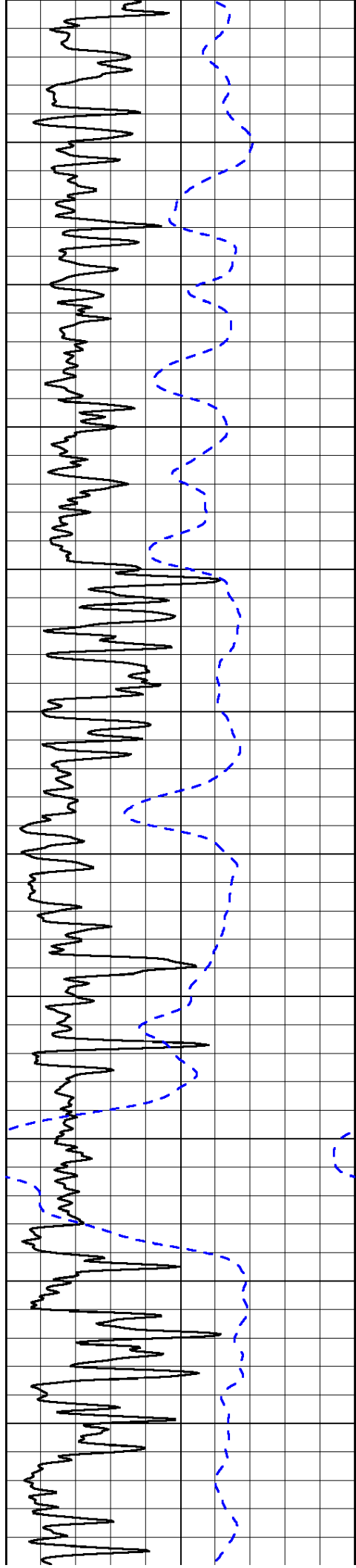


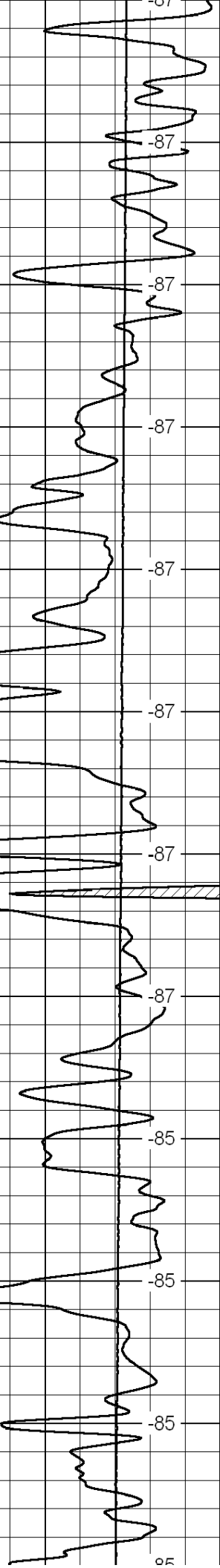
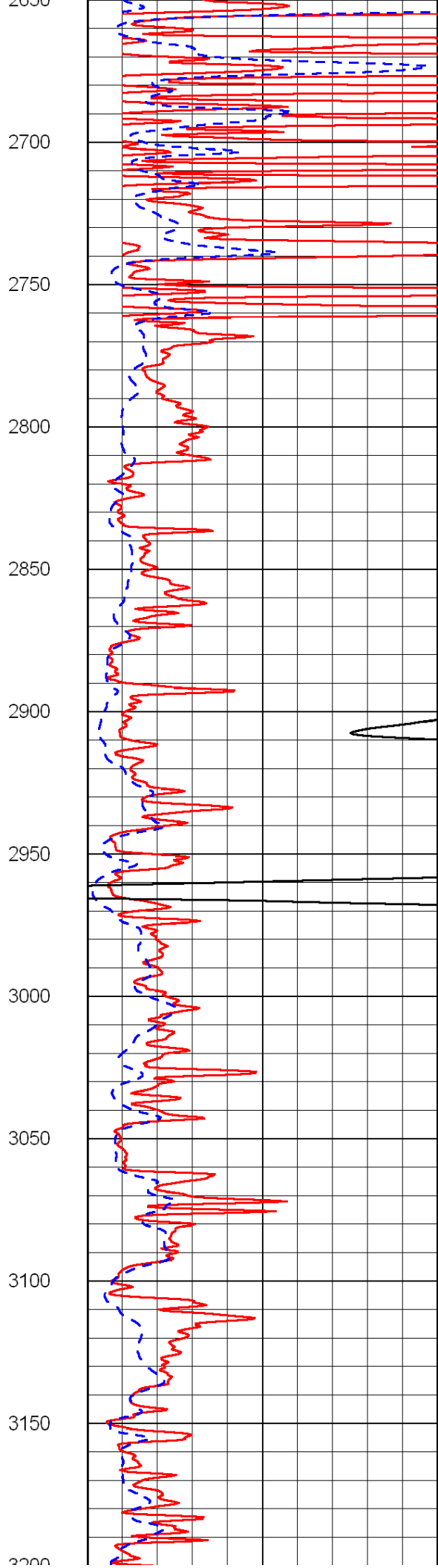
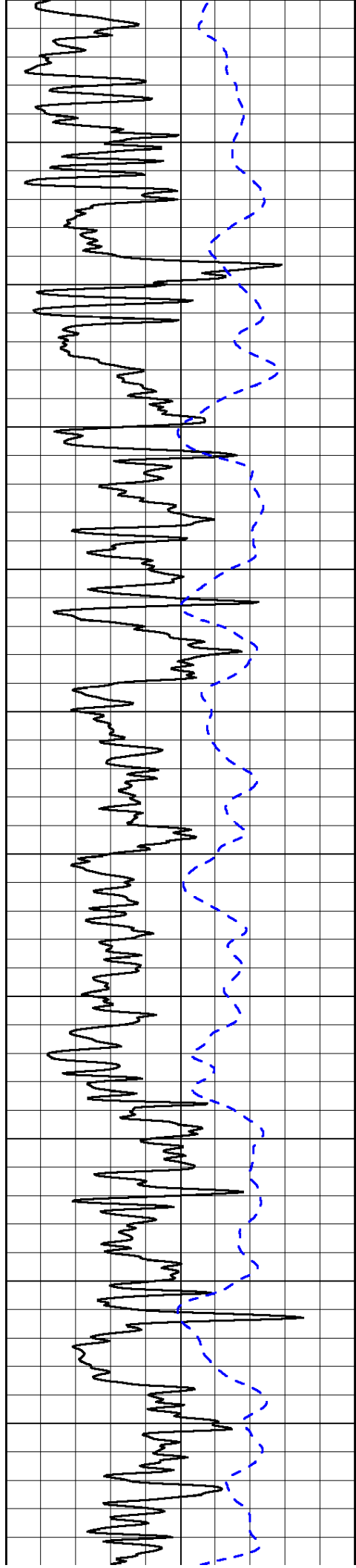
450  
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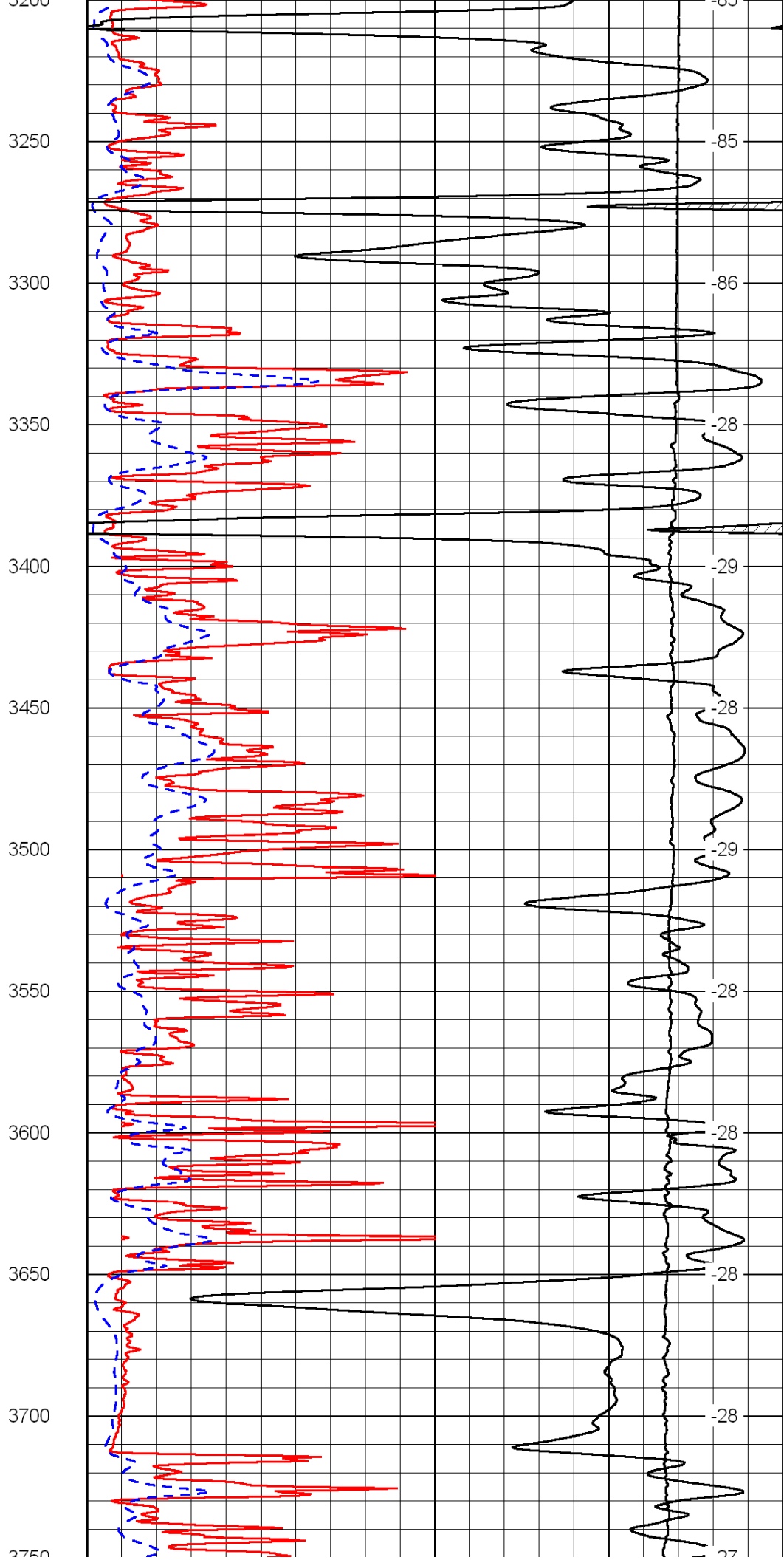
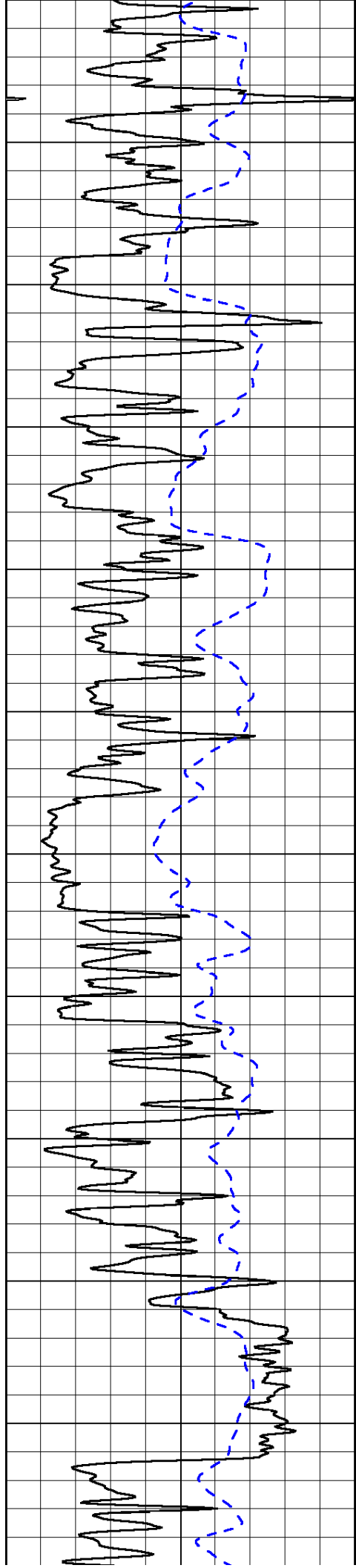


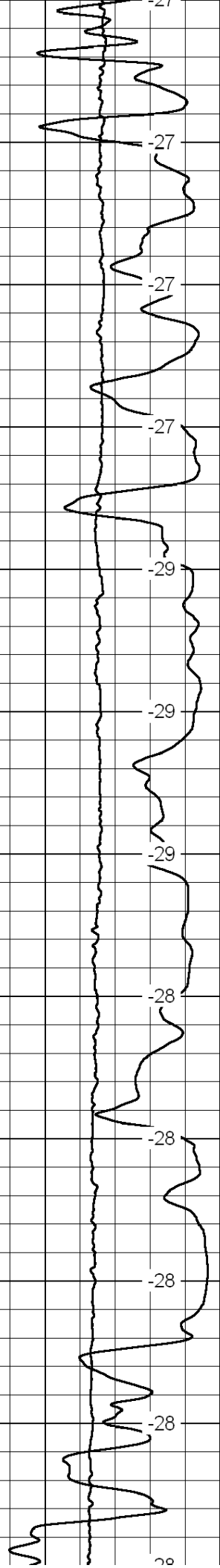
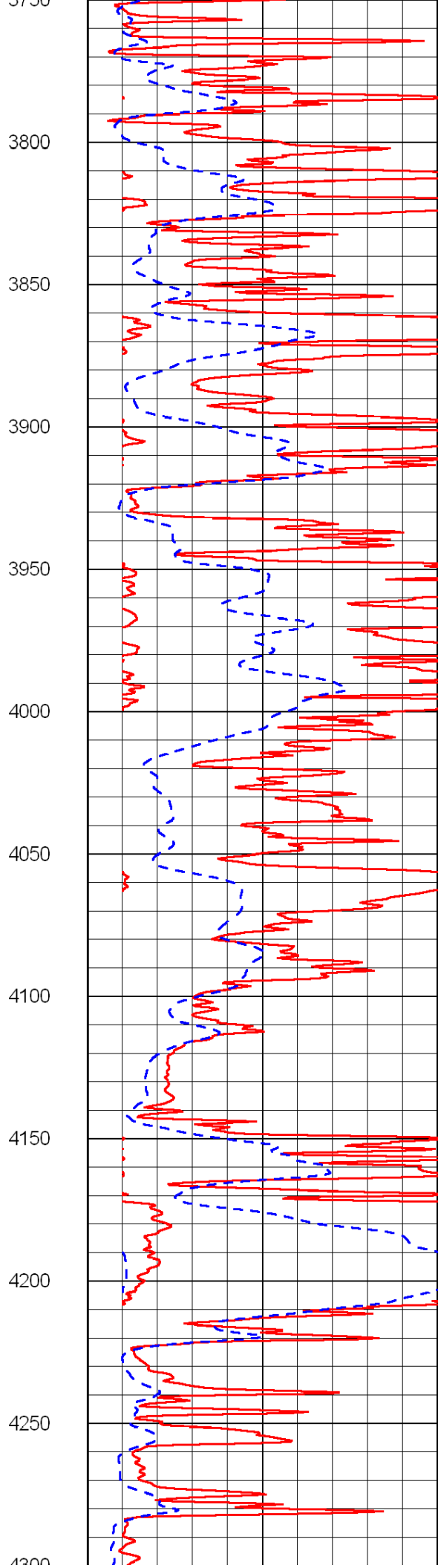
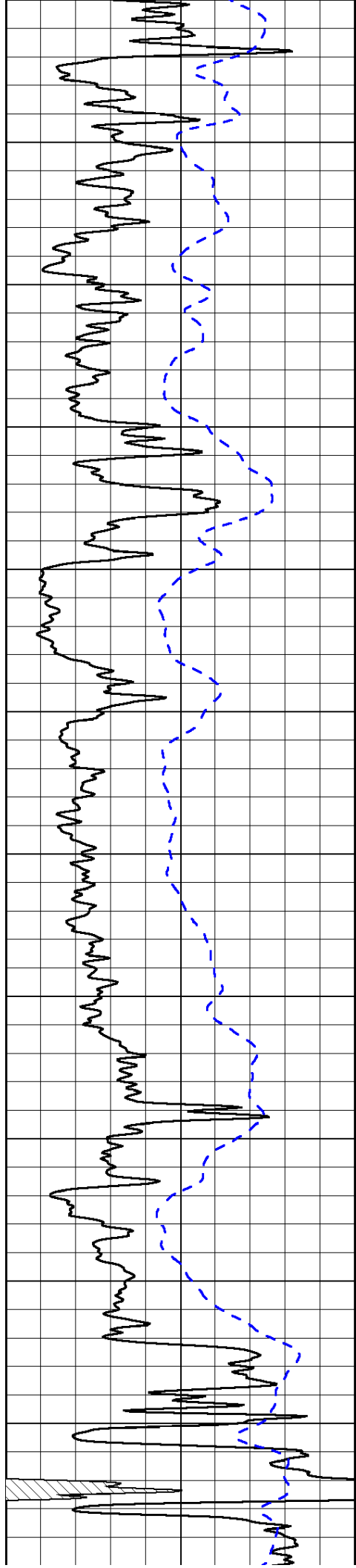


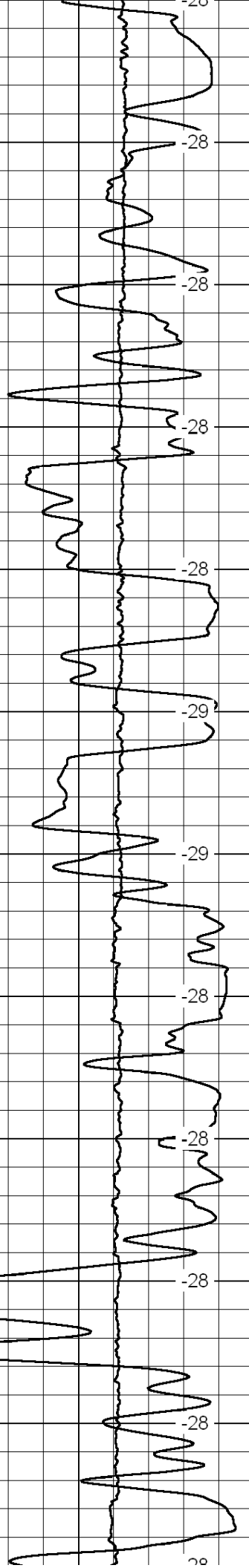
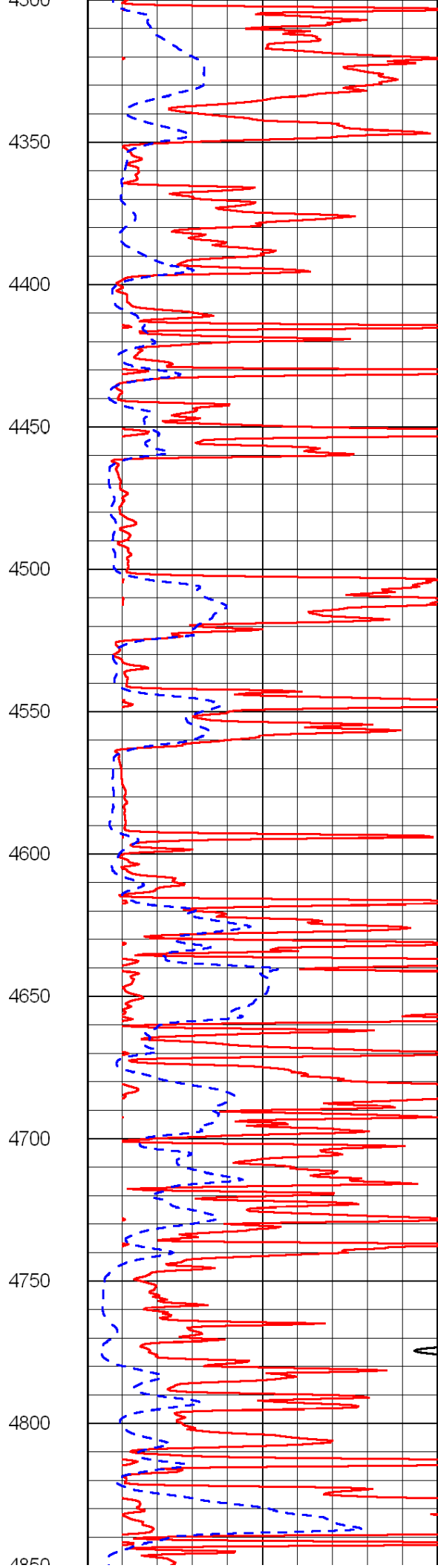
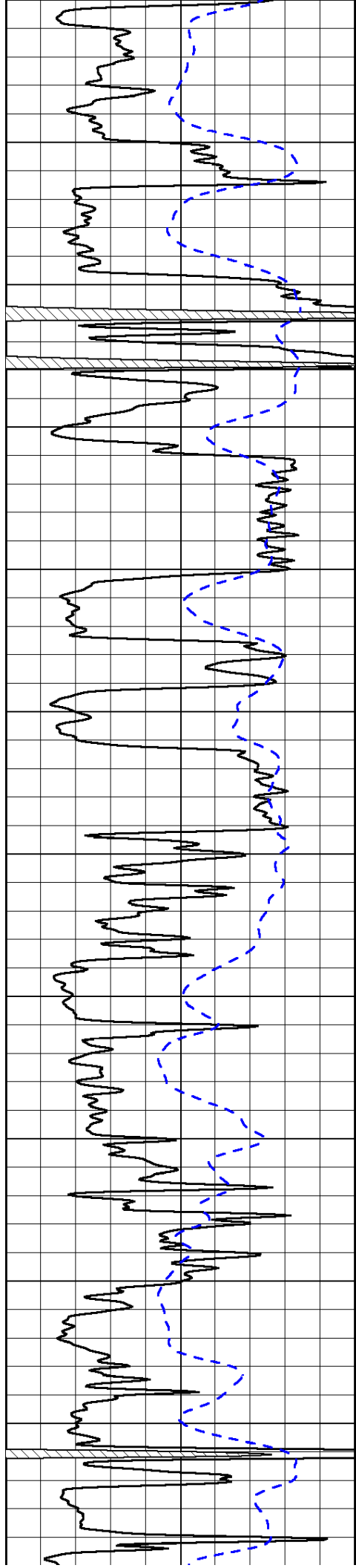


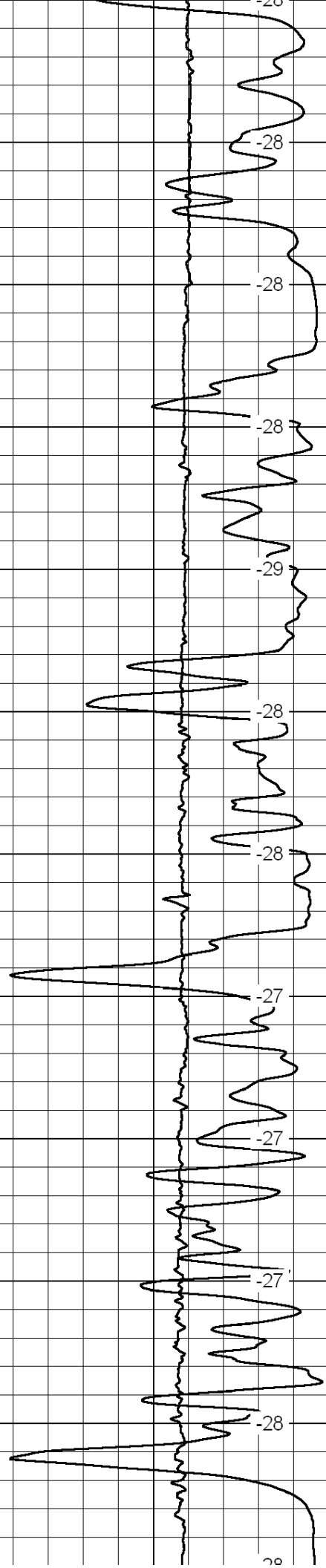
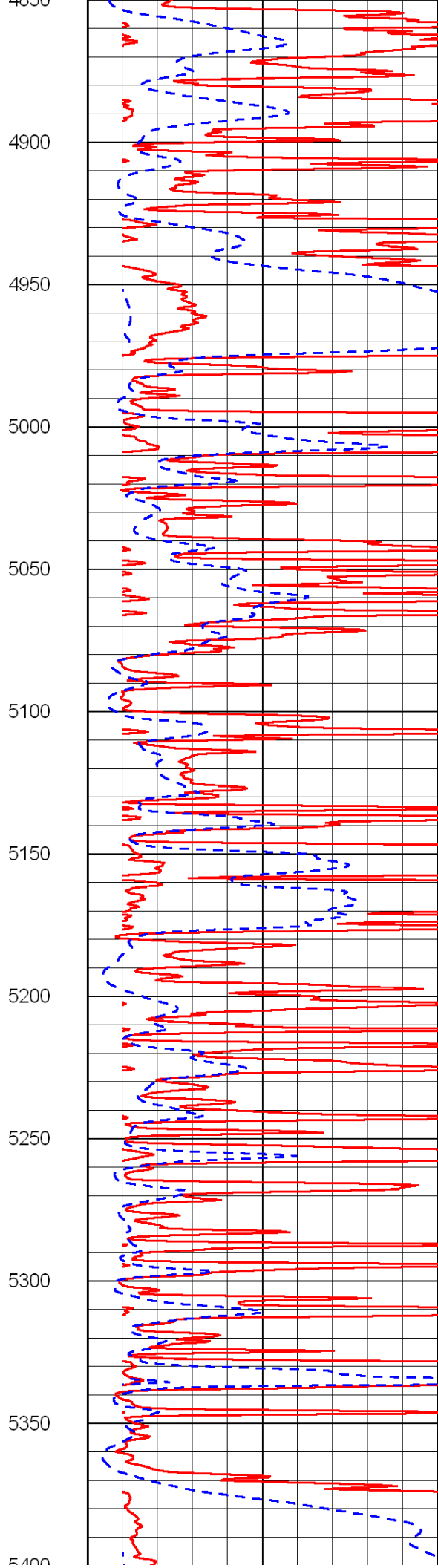
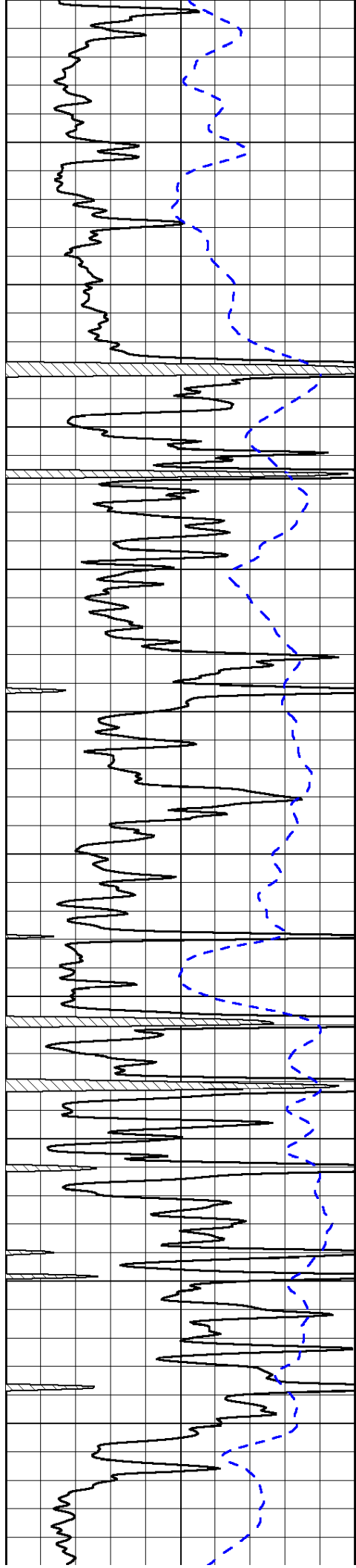


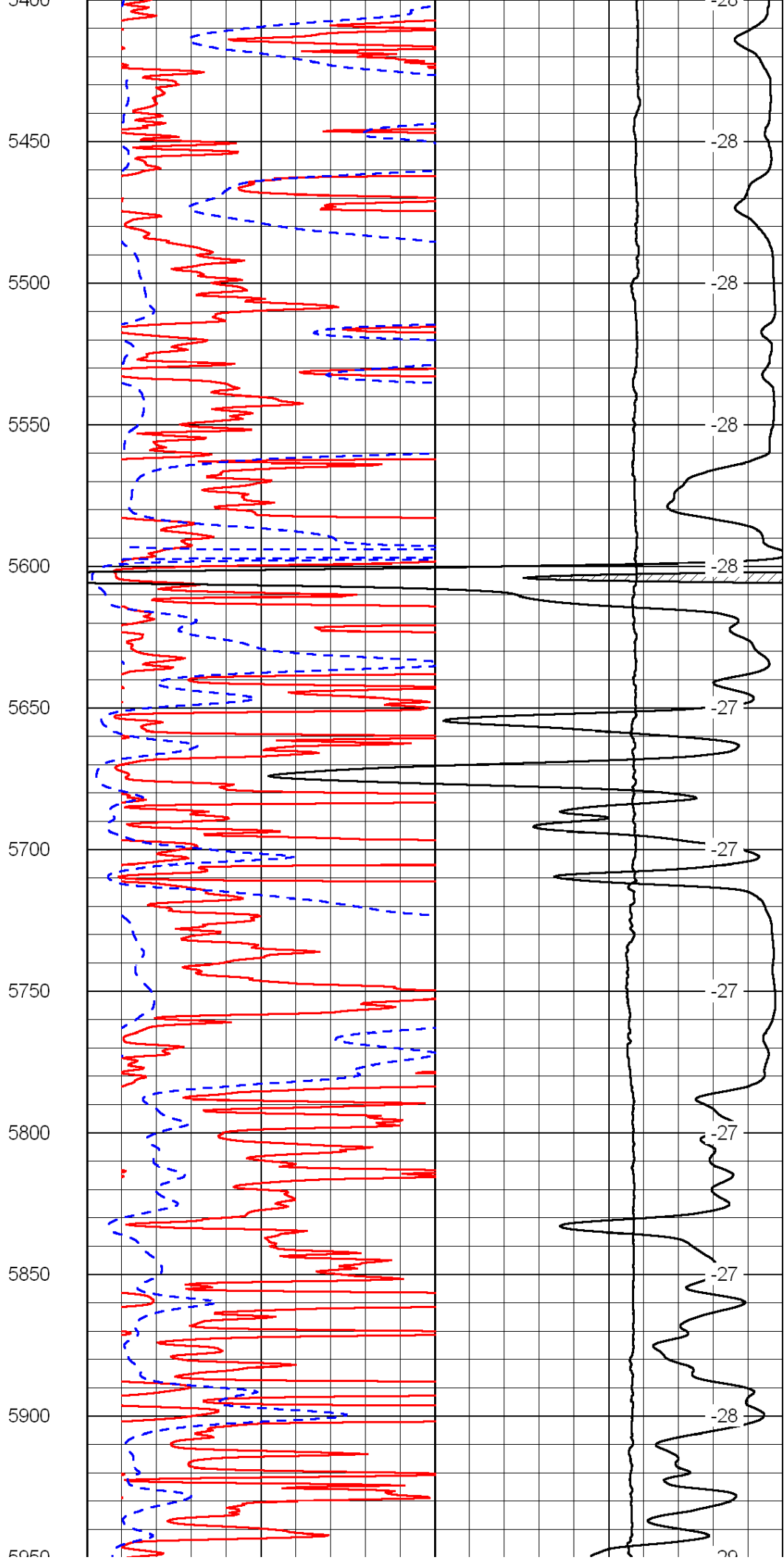
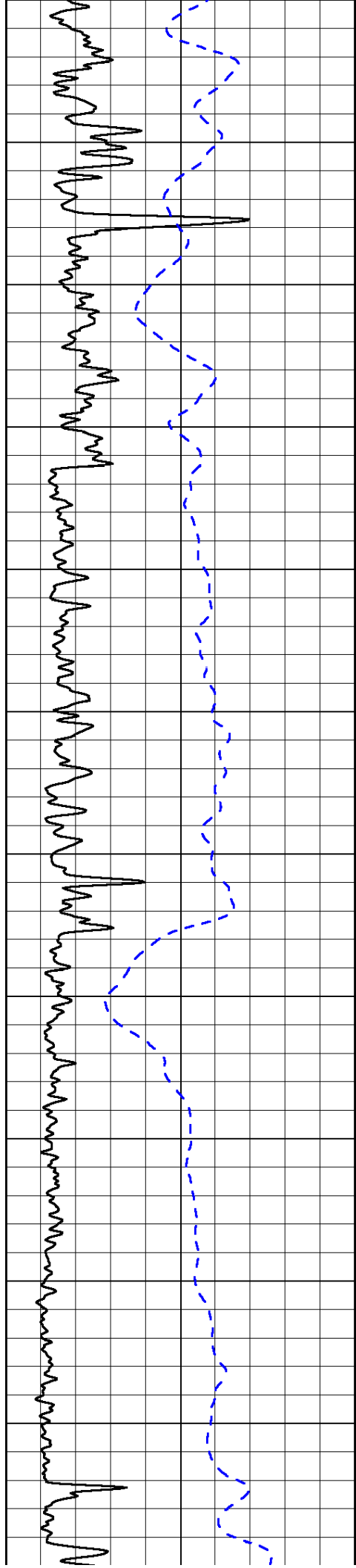


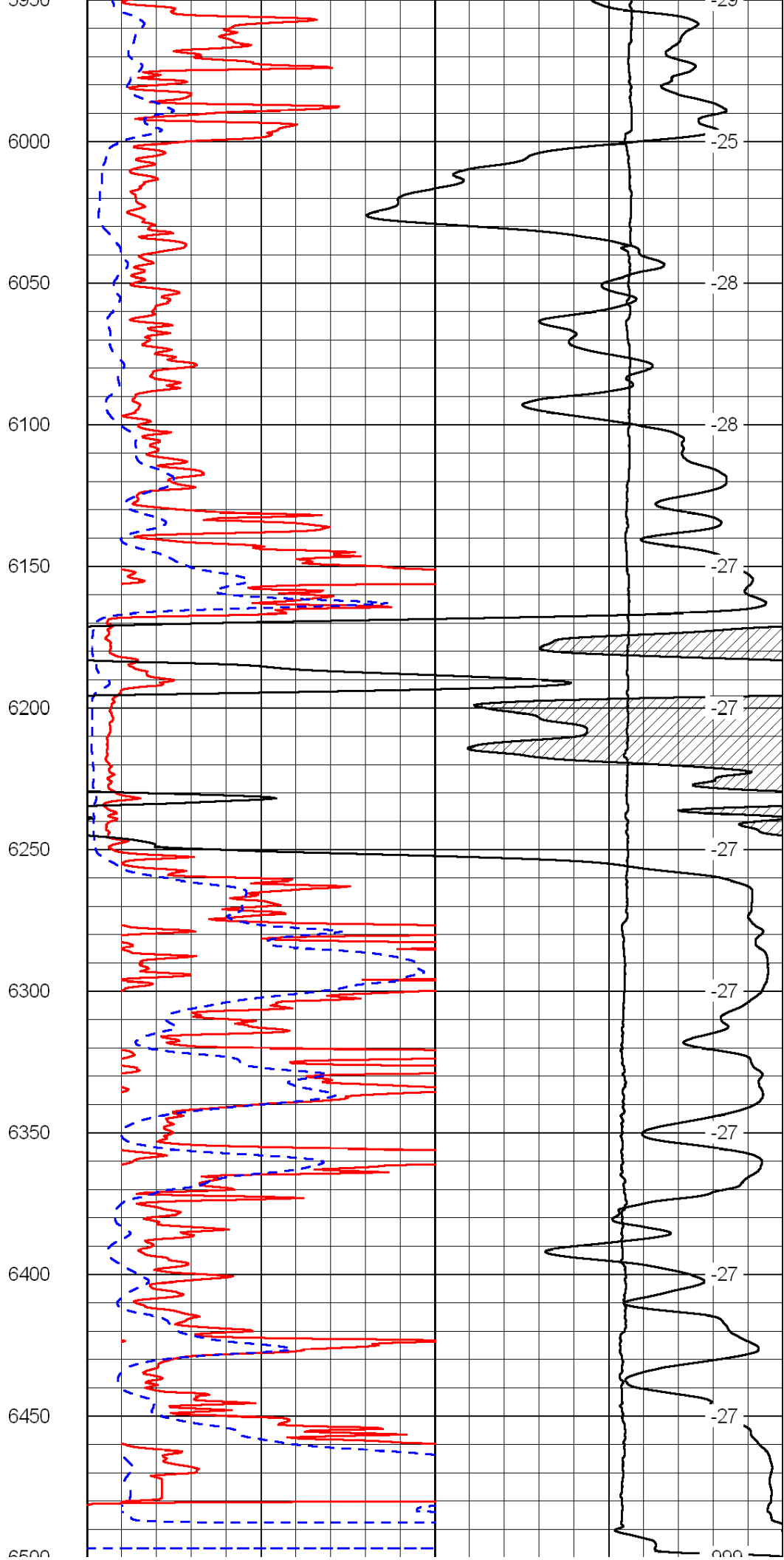
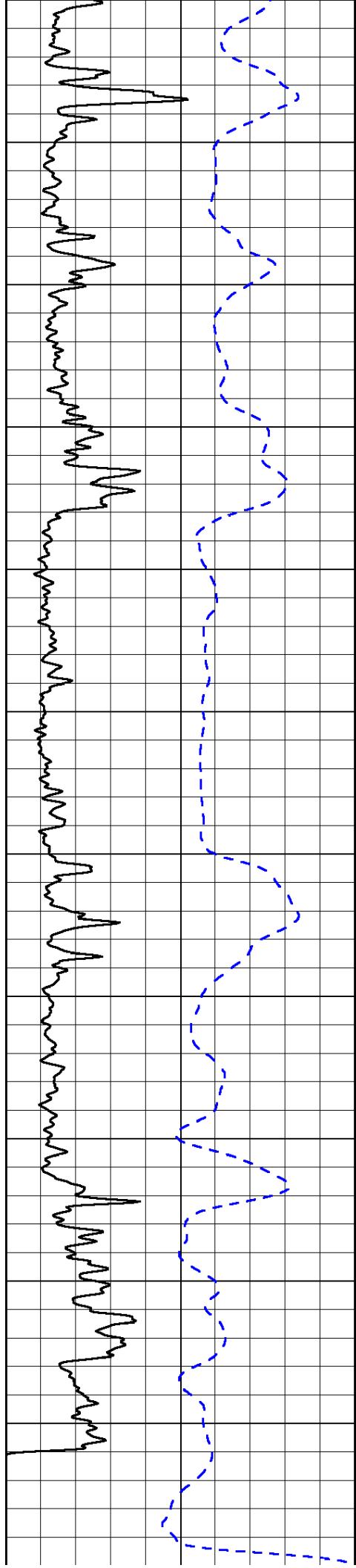






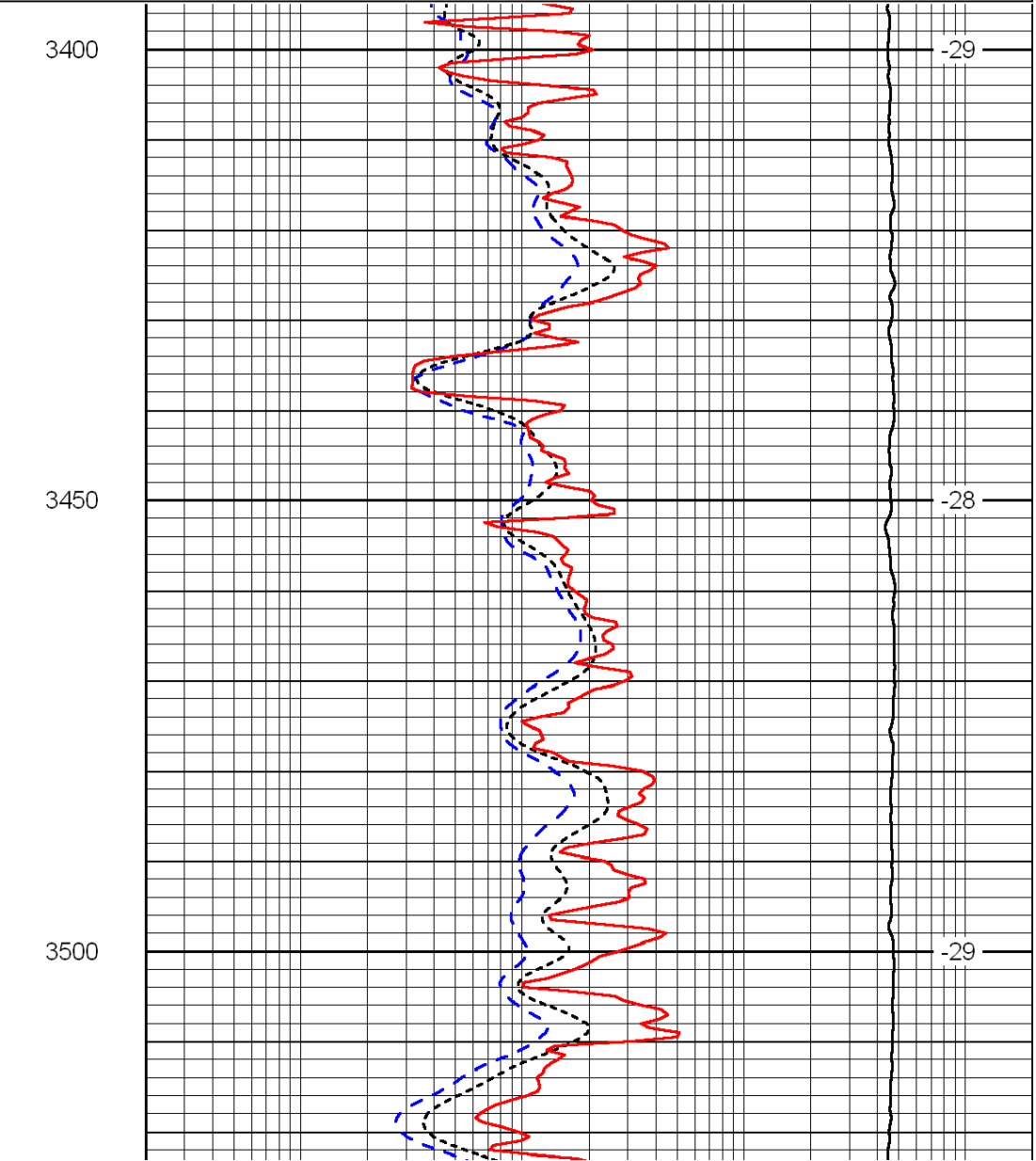
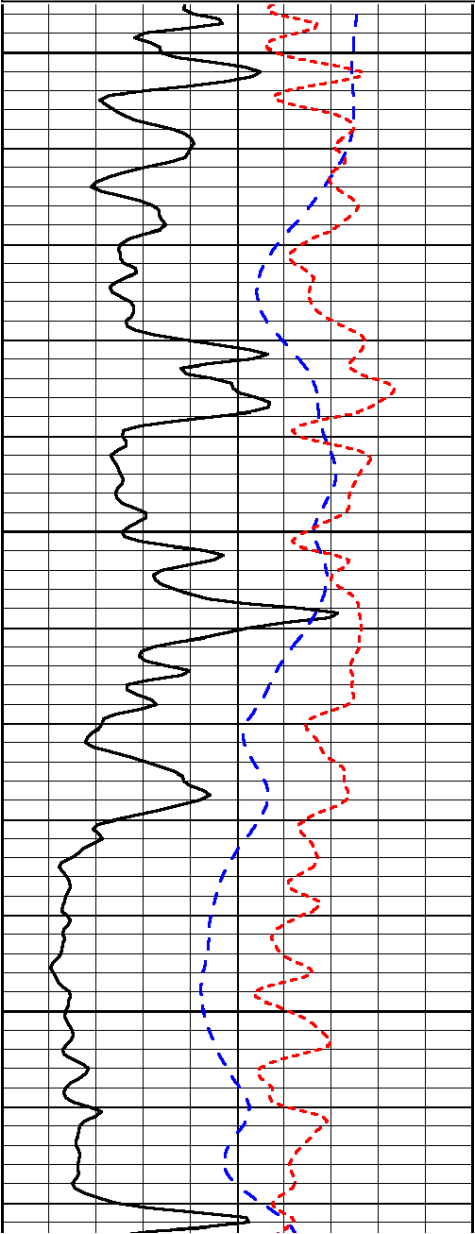


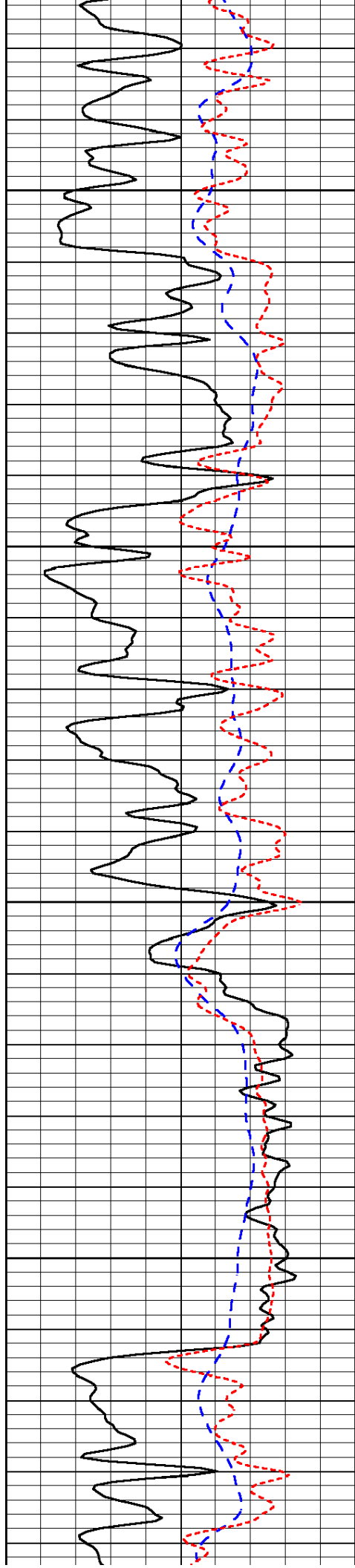




|      |           |     |                     |                             |     |   |          |
|------|-----------|-----|---------------------|-----------------------------|-----|---|----------|
| 0    | Gamma Ray | 150 | 0                   | Shallow Resistivity (Ohm-m) | 50  |   | LSPD     |
| -200 | SP (MV)   | 0   | 0                   | Deep Resistivity (Ohm-m)    | 50  |   | (ft/min) |
|      |           |     | 1000                | Conductivity (mmho/m)       |     | 0 |          |
|      |           |     | 15000               | Line Tension (lb)           |     | 0 |          |
|      |           |     | Shallow Resistivity |                             |     |   |          |
|      |           |     | 50                  | (Ohm-m)                     | 500 |   |          |
|      |           |     | 50                  | Deep Resistivity (Ohm-m)    | 500 |   |          |

|                                                                                                                                                                                                                   |           |     |       |                             |      |          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-------|-----------------------------|------|----------|--|
| Database File: c:\warrior\data\falcon_ycb #2-31\falcon.db<br>Dataset Pathname: dil/falddetail<br>Presentation Format: dil<br>Dataset Creation: Sun Mar 21 19:39:56 2010<br>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) |  |



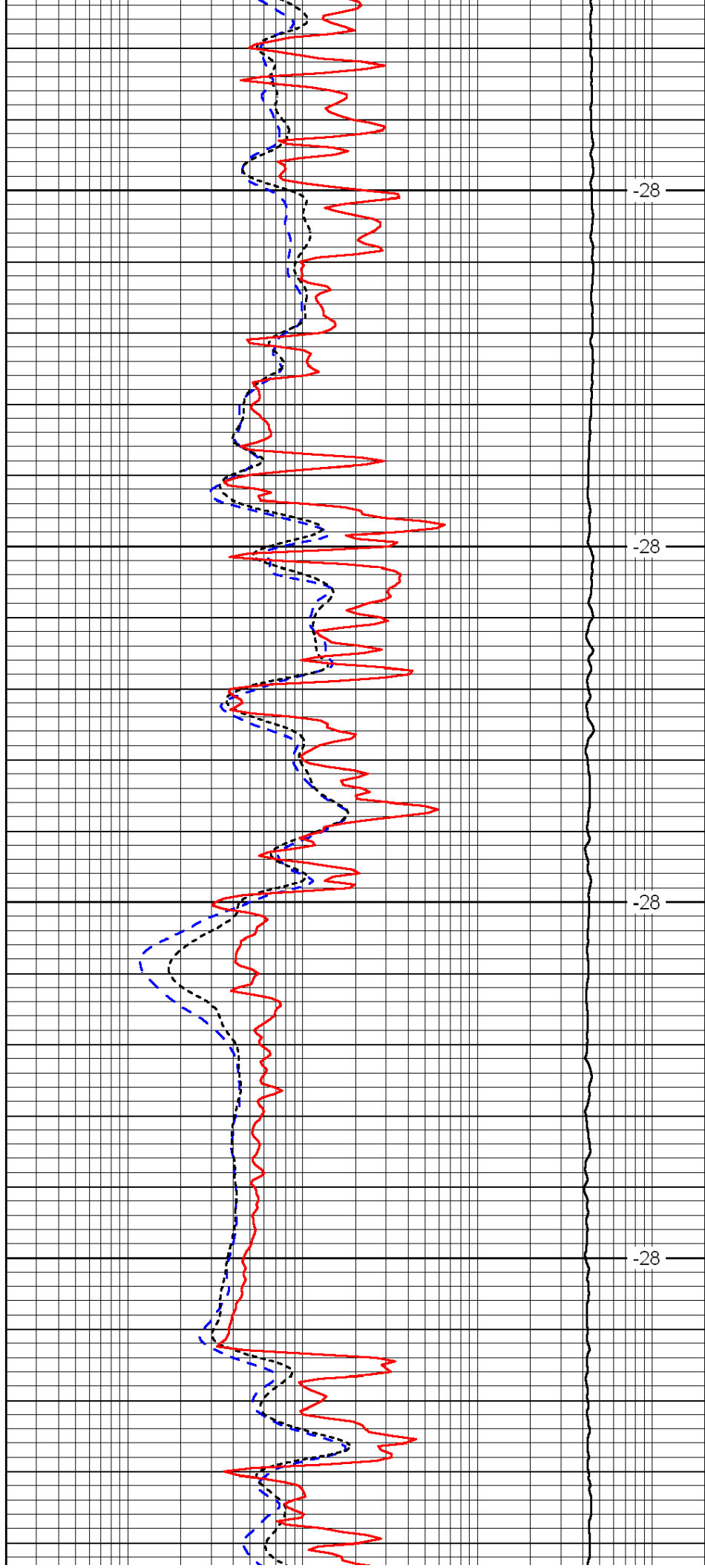


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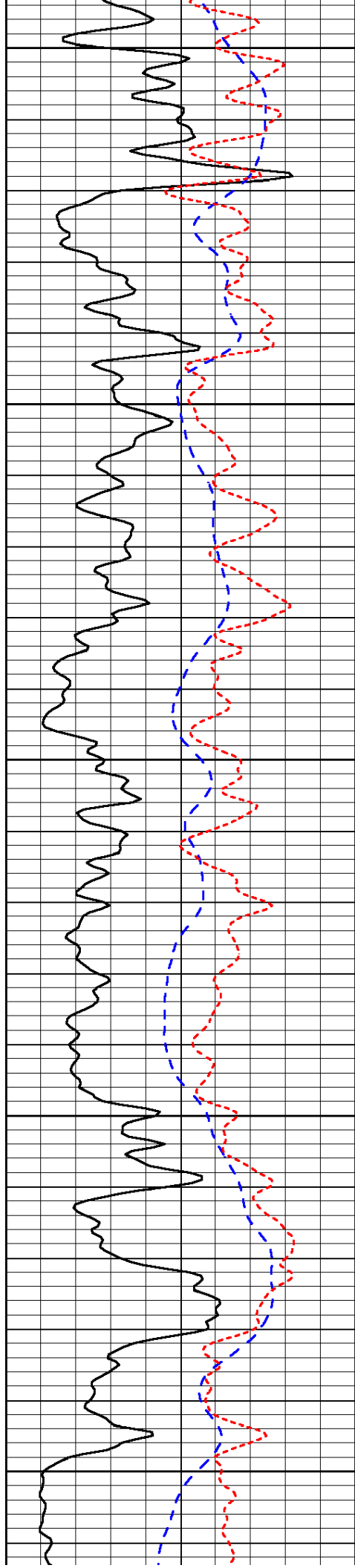


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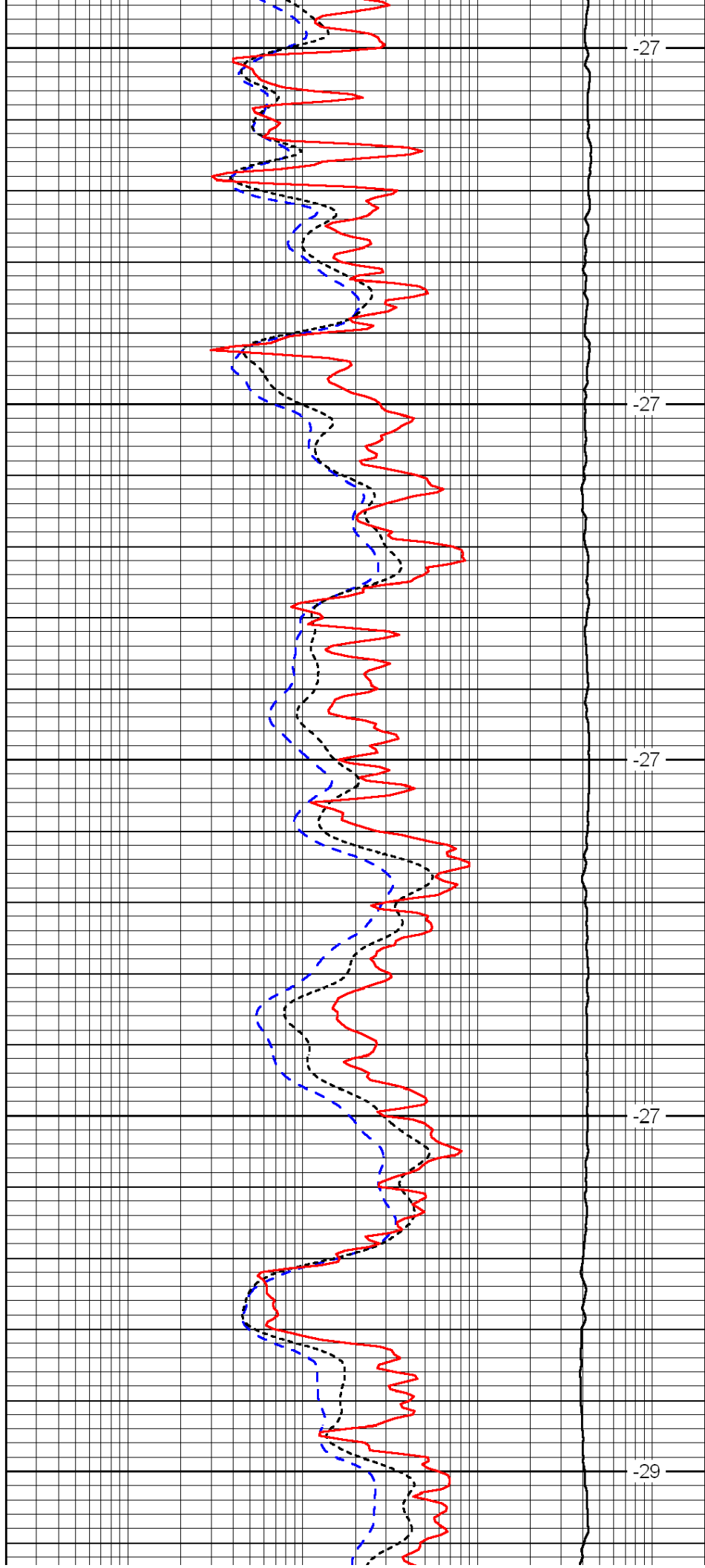
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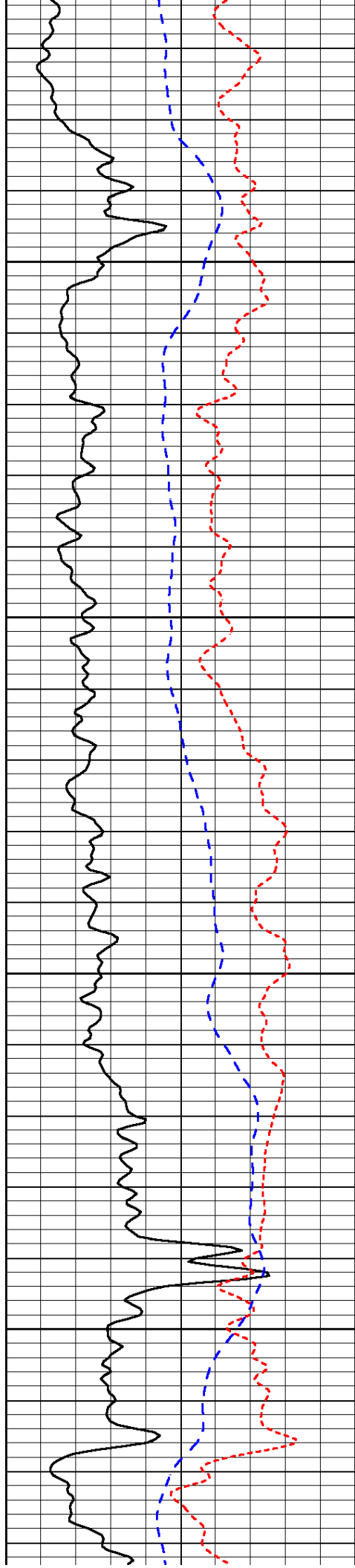
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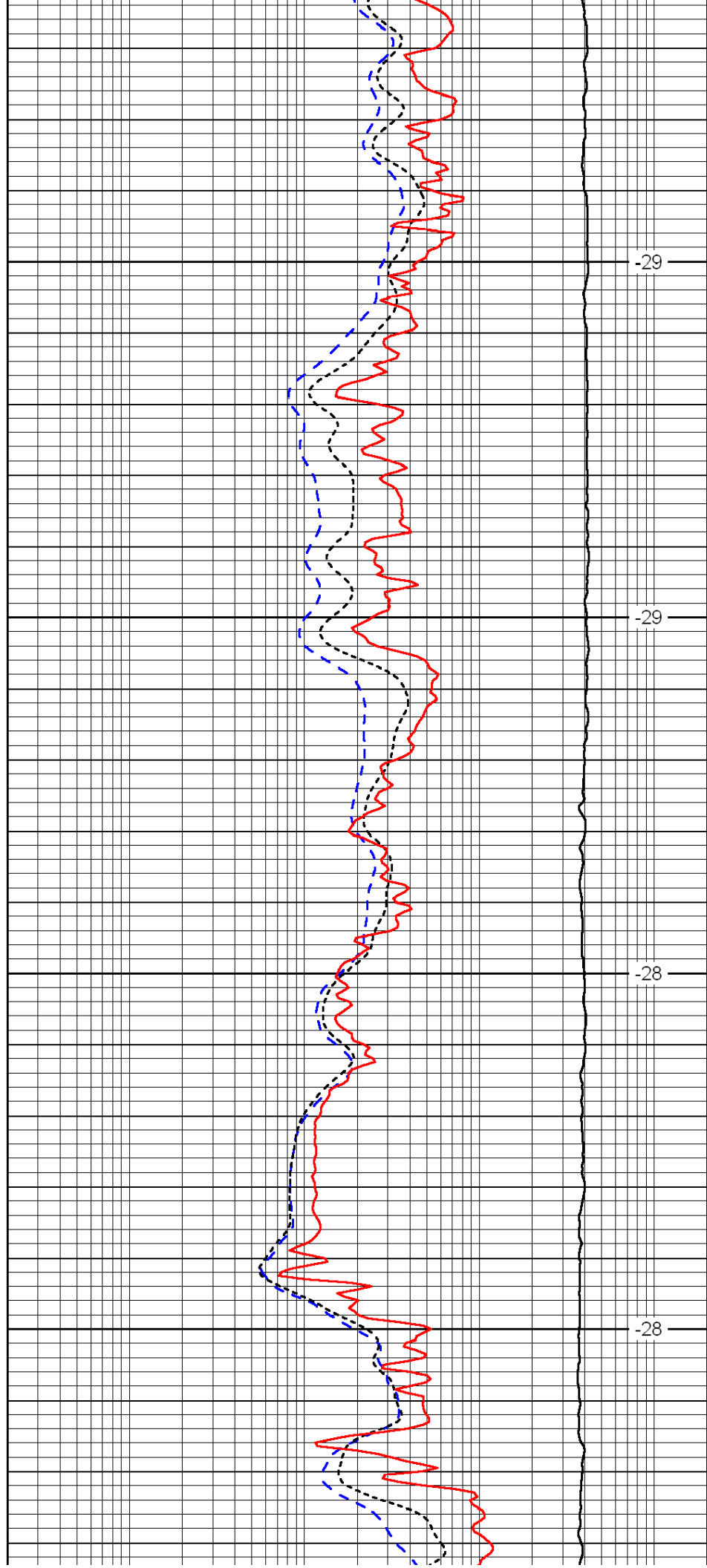


4000

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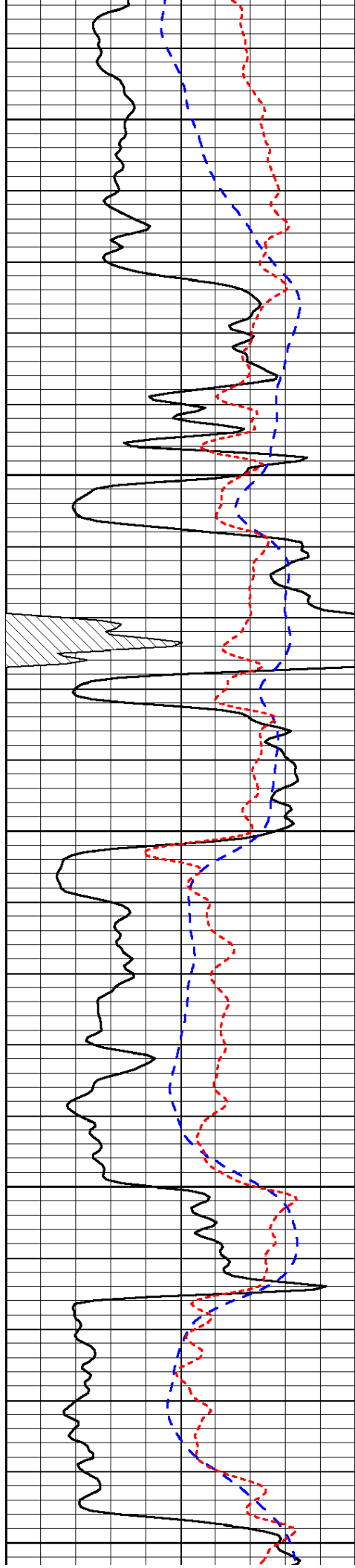


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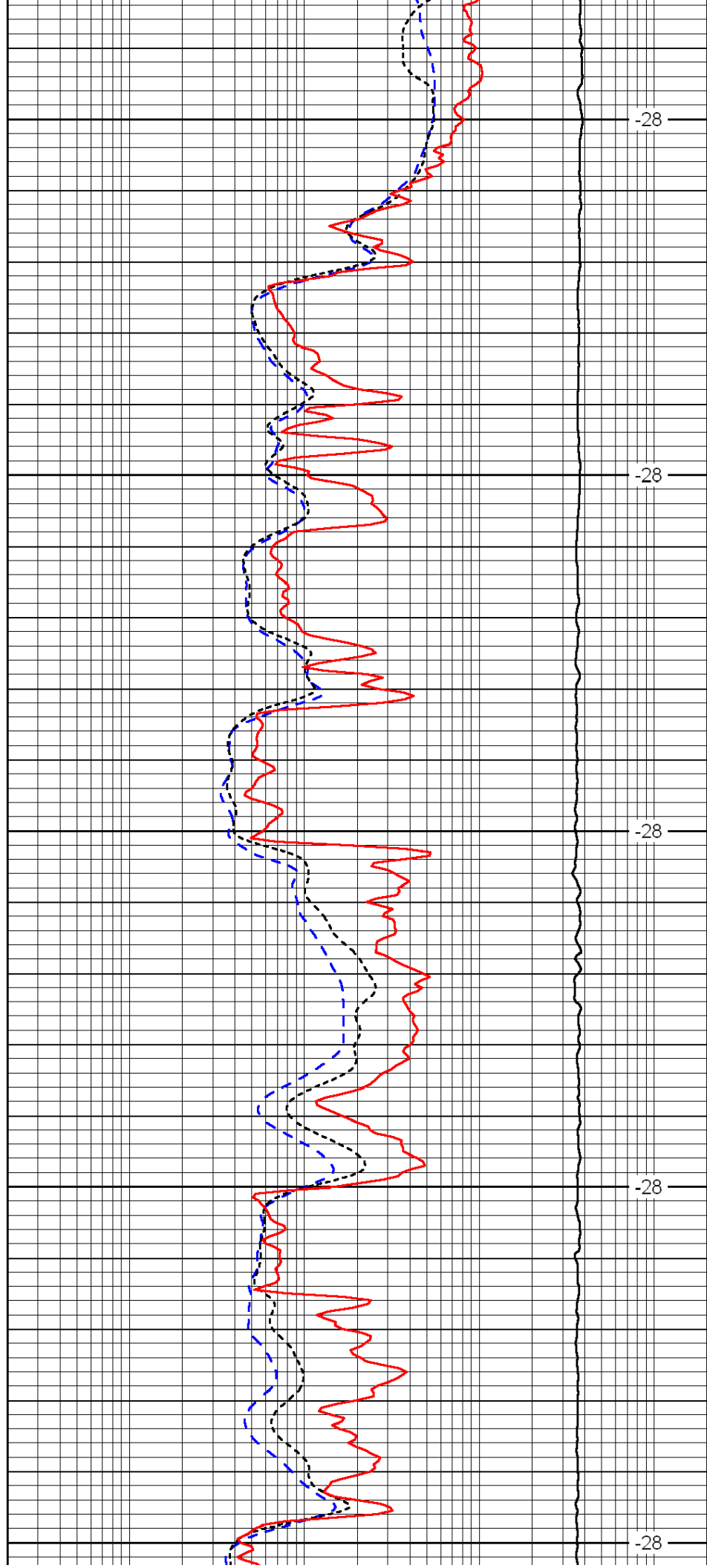
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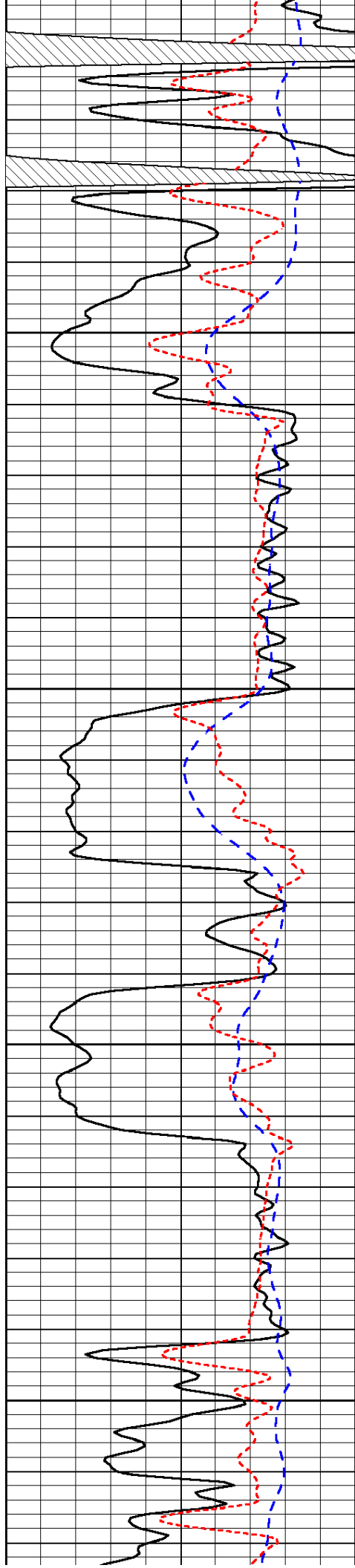
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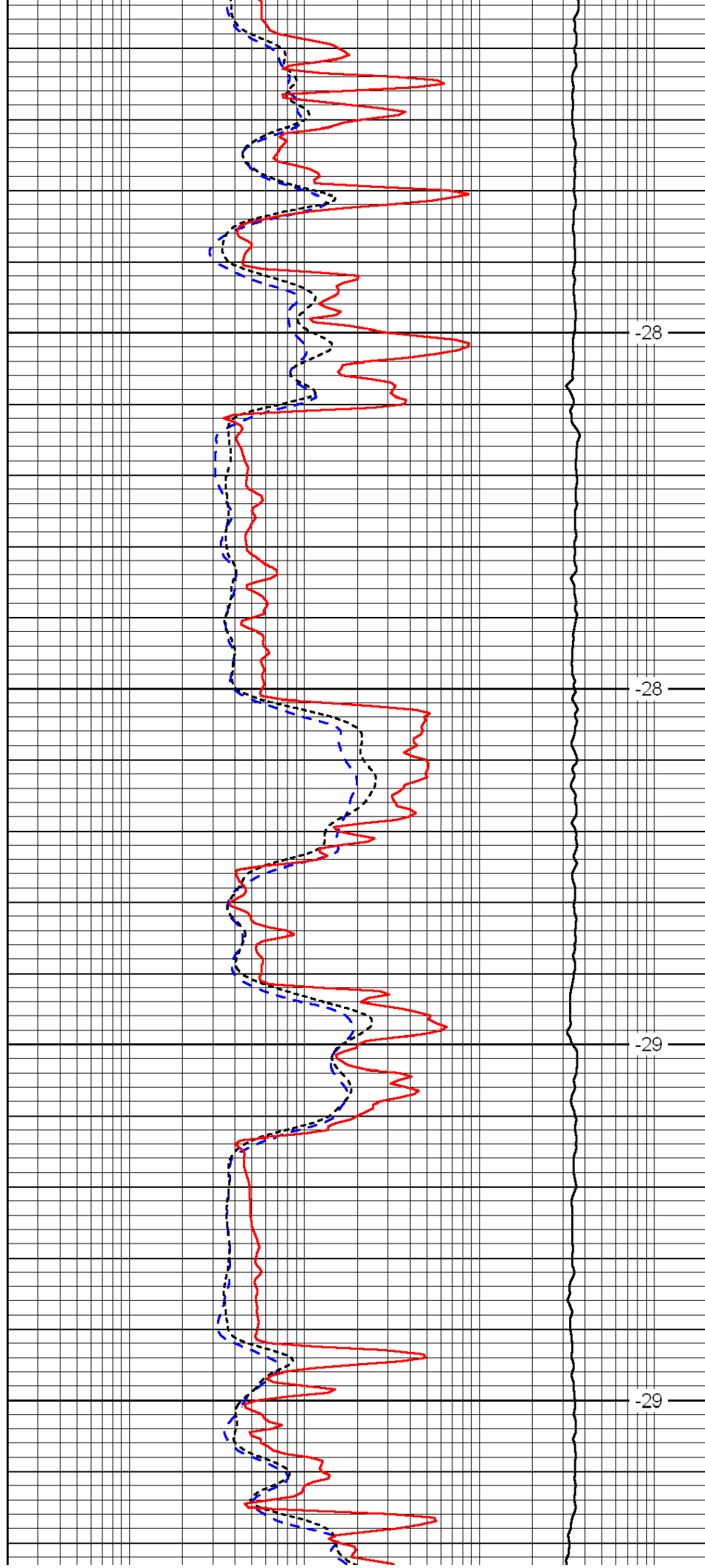


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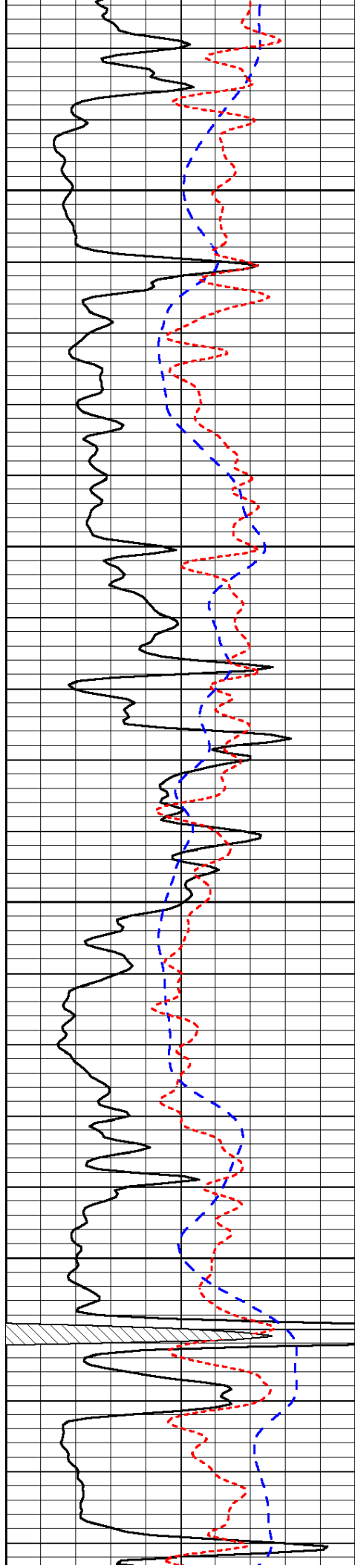


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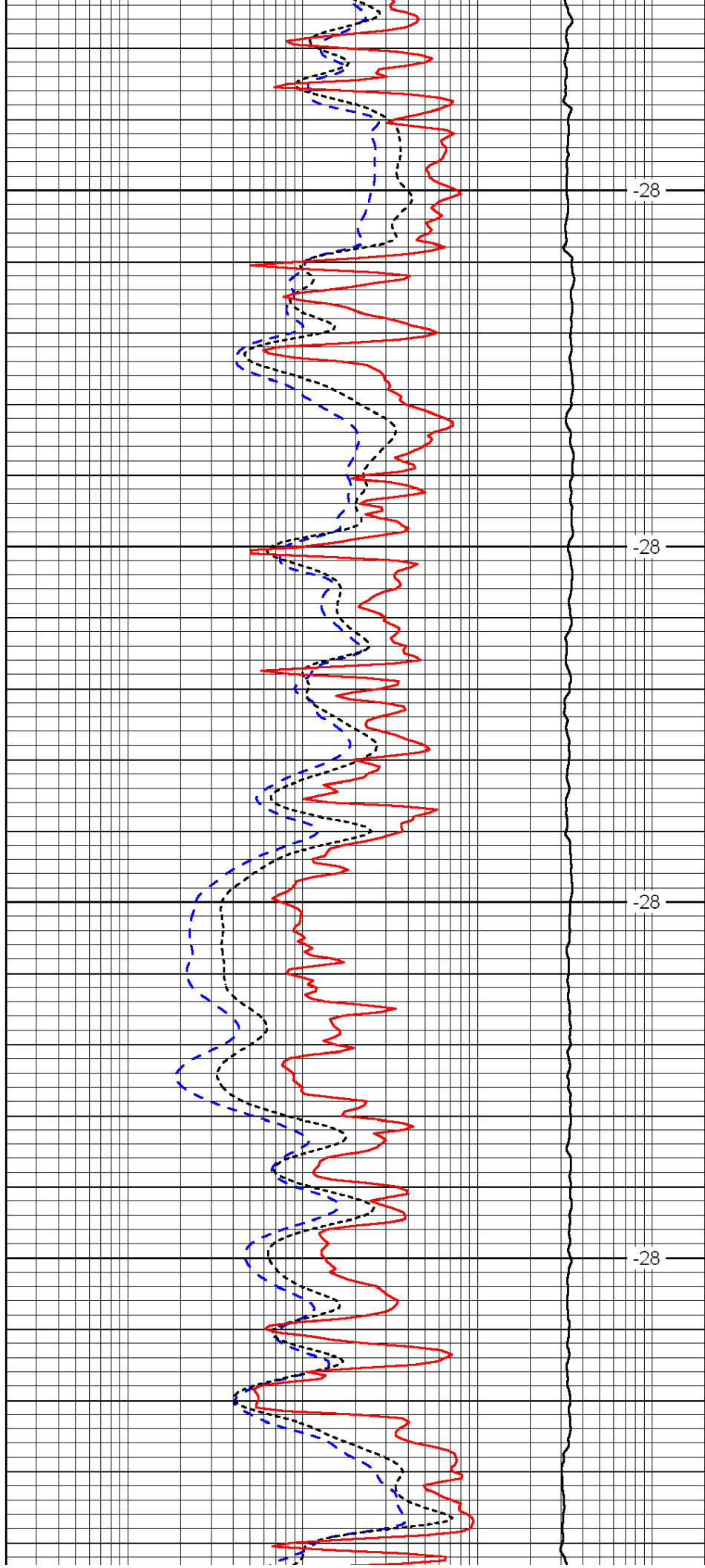


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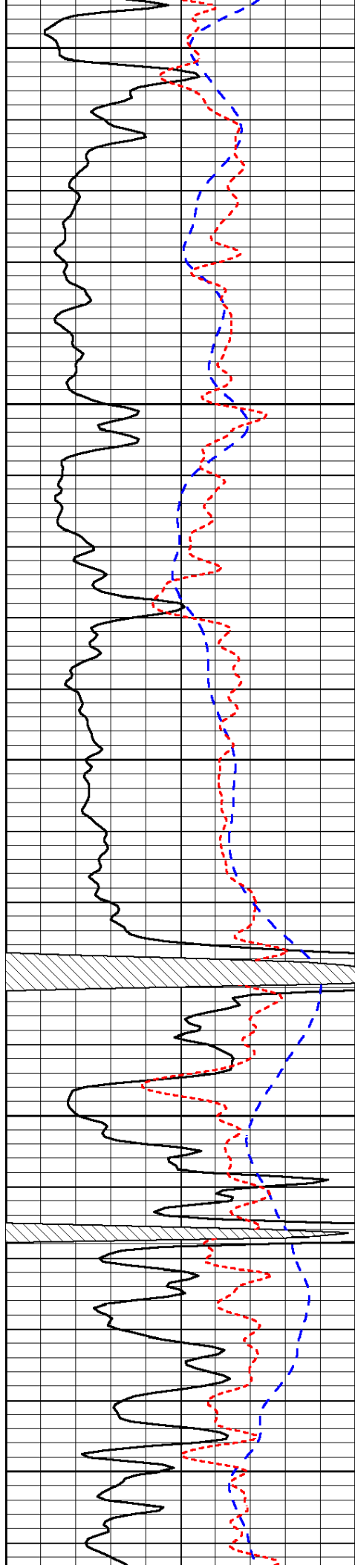


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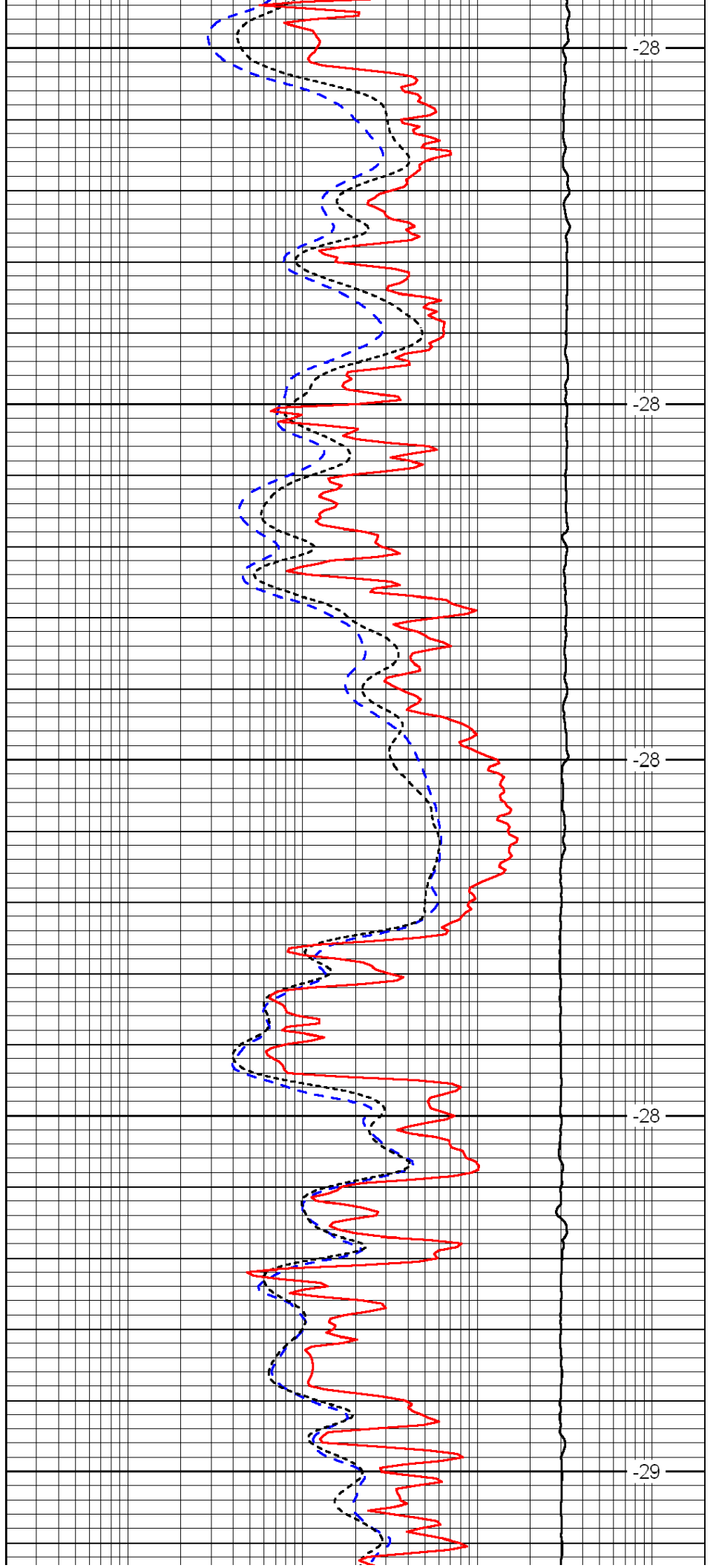
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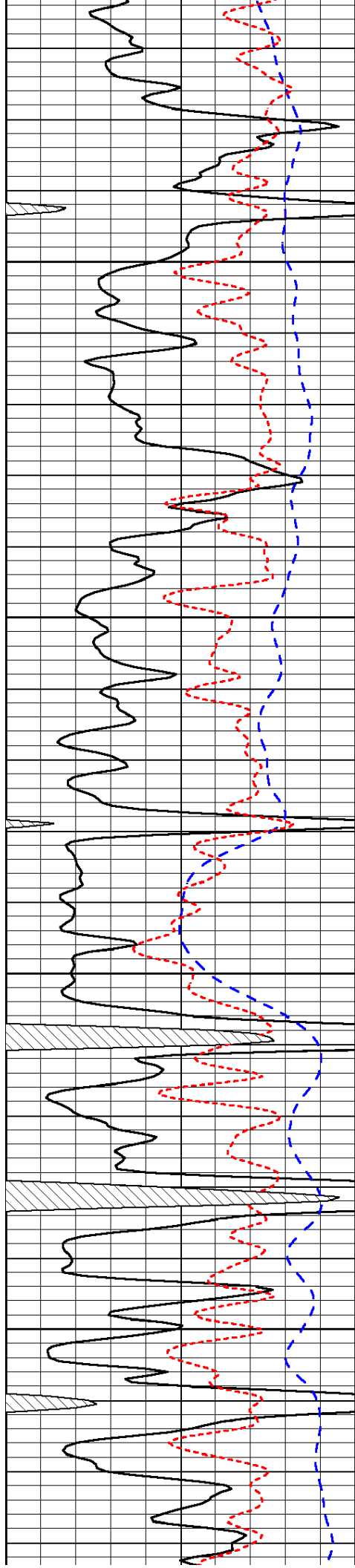
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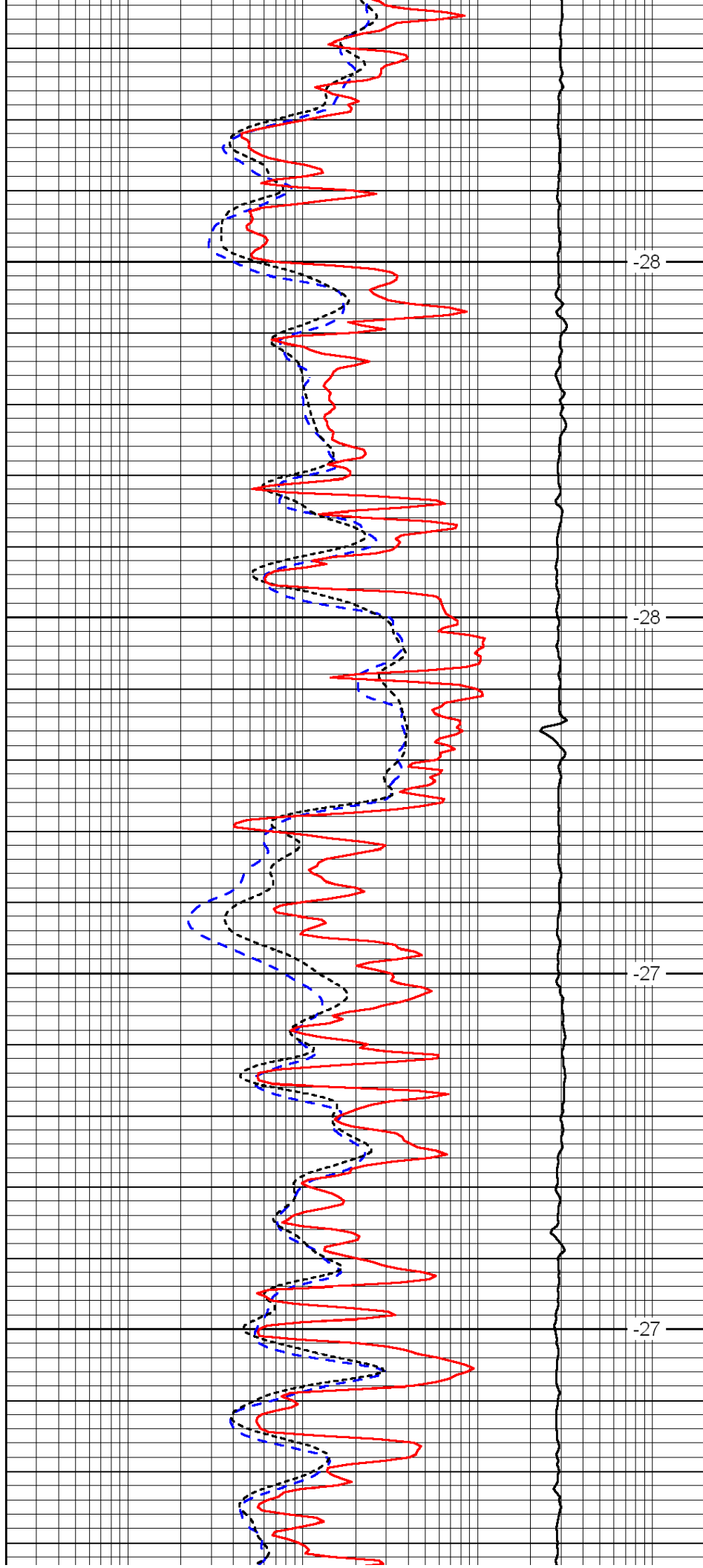


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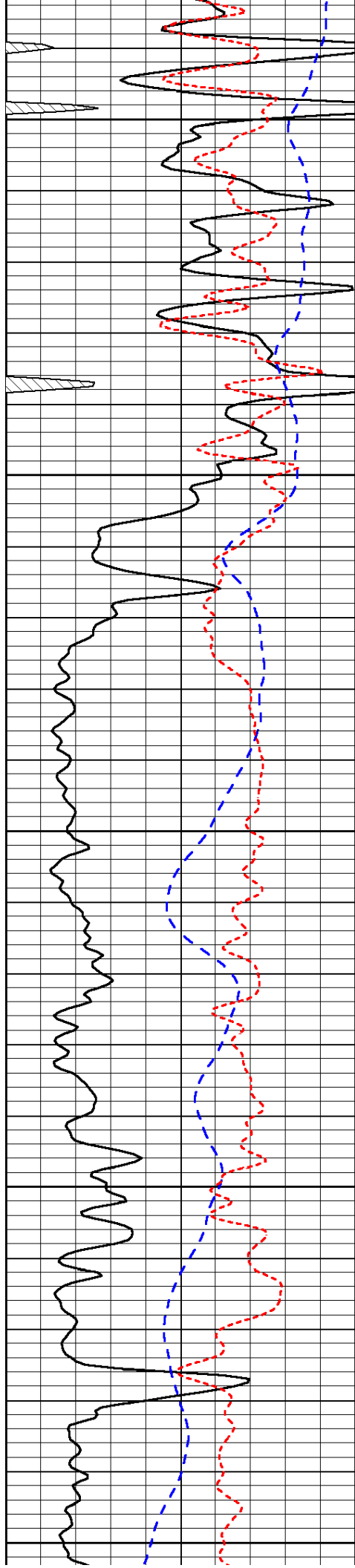


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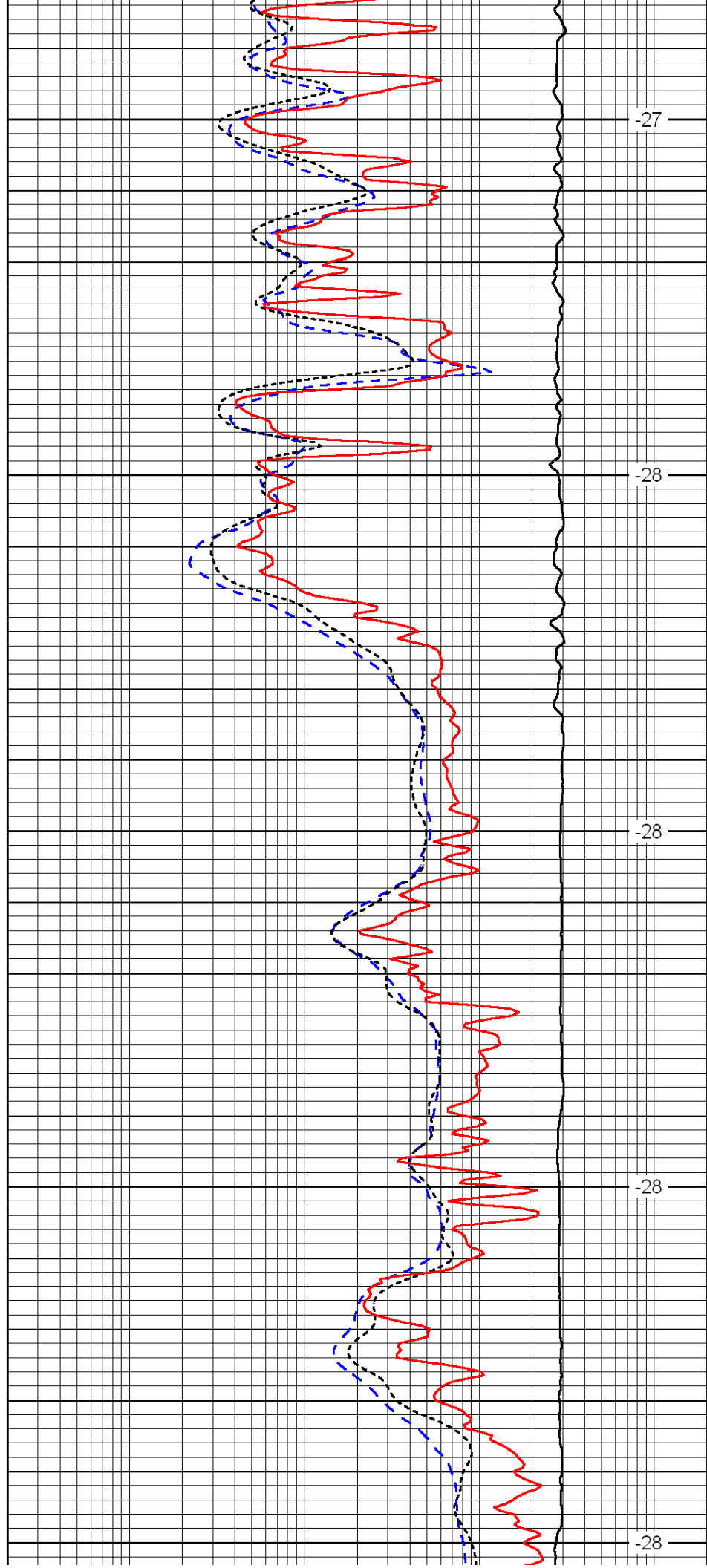
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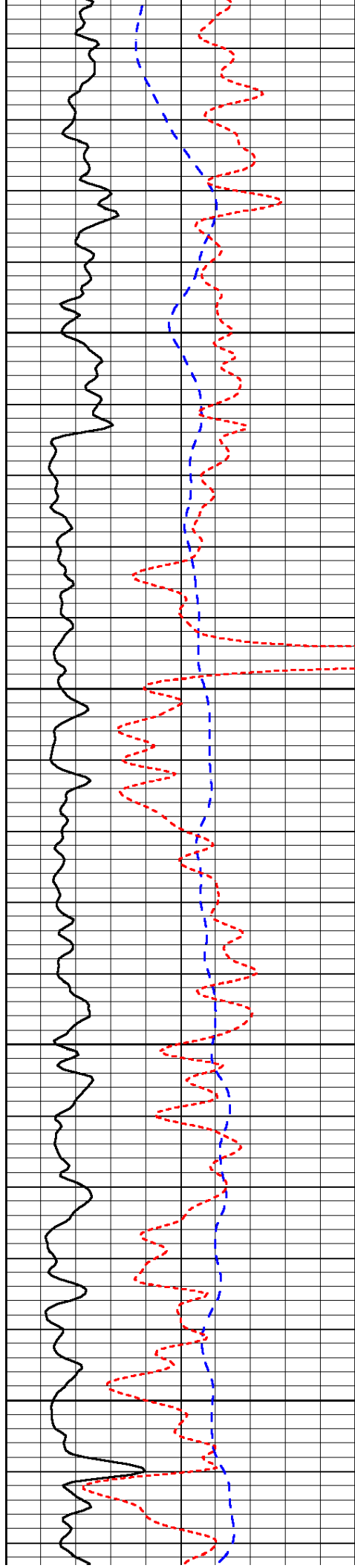
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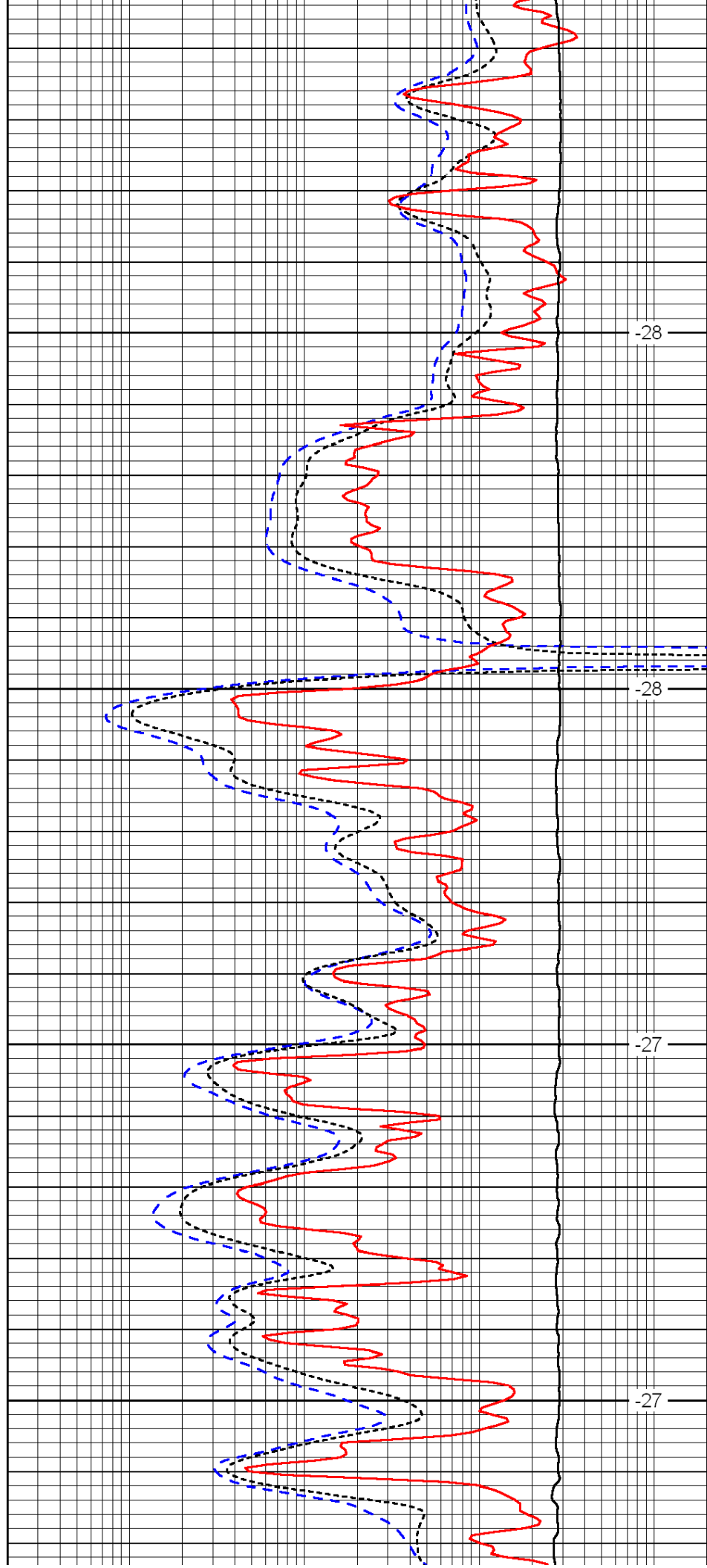


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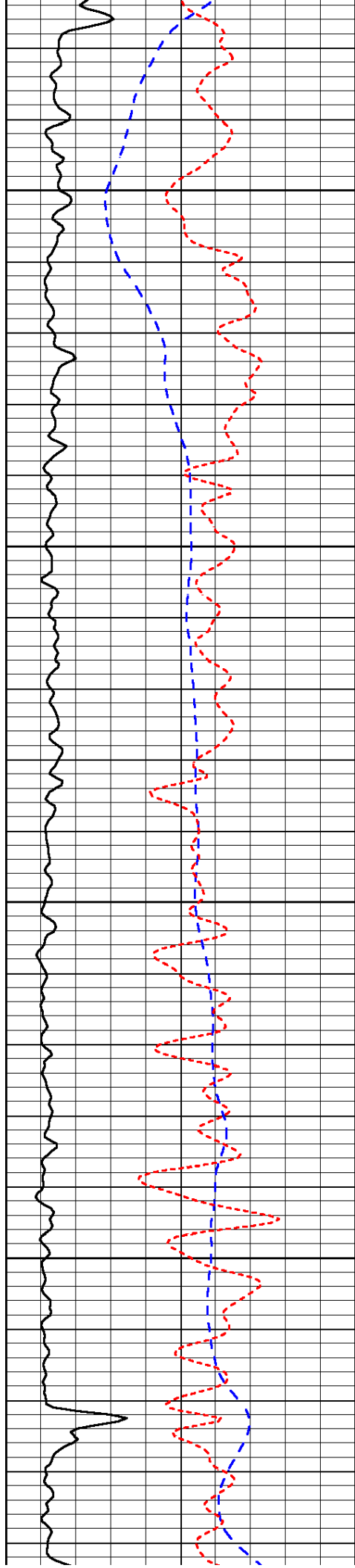


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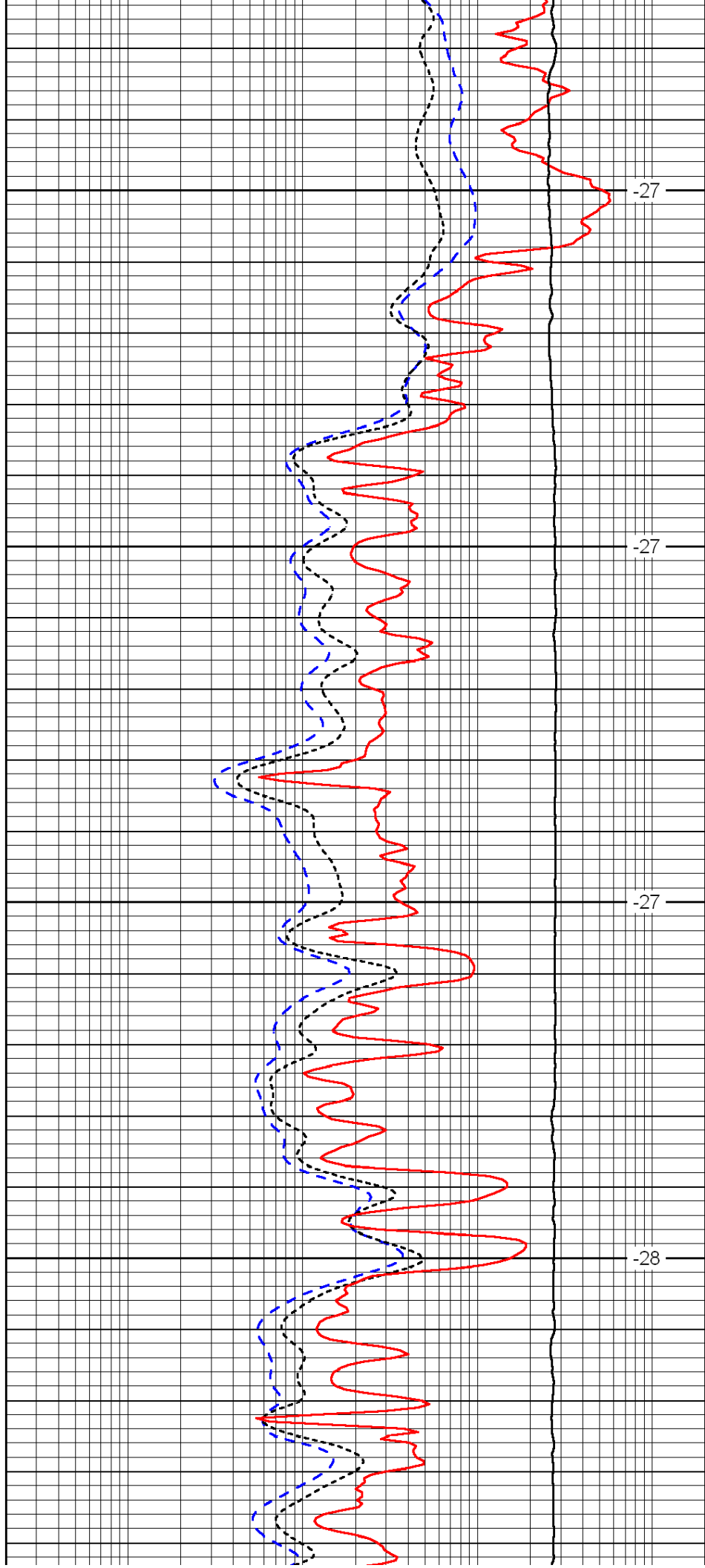


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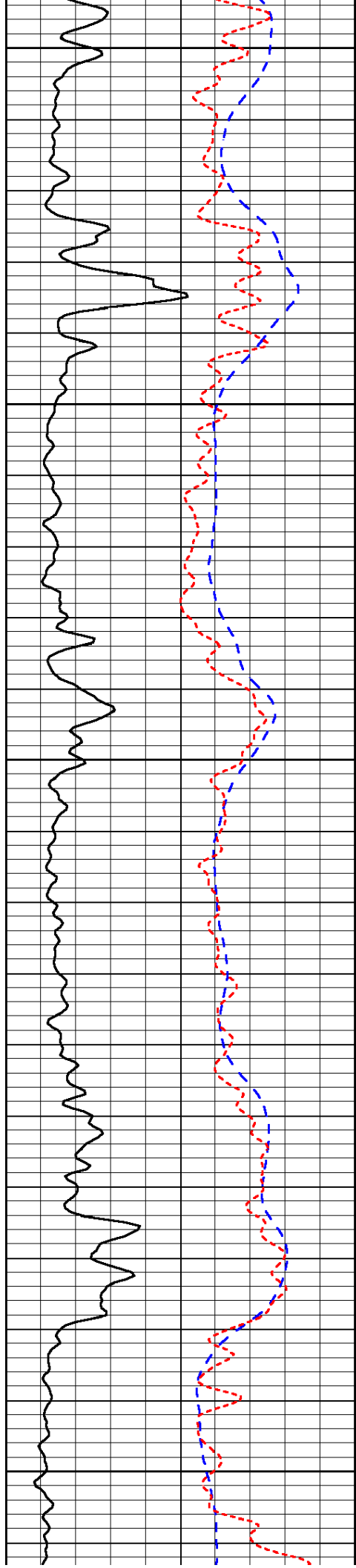


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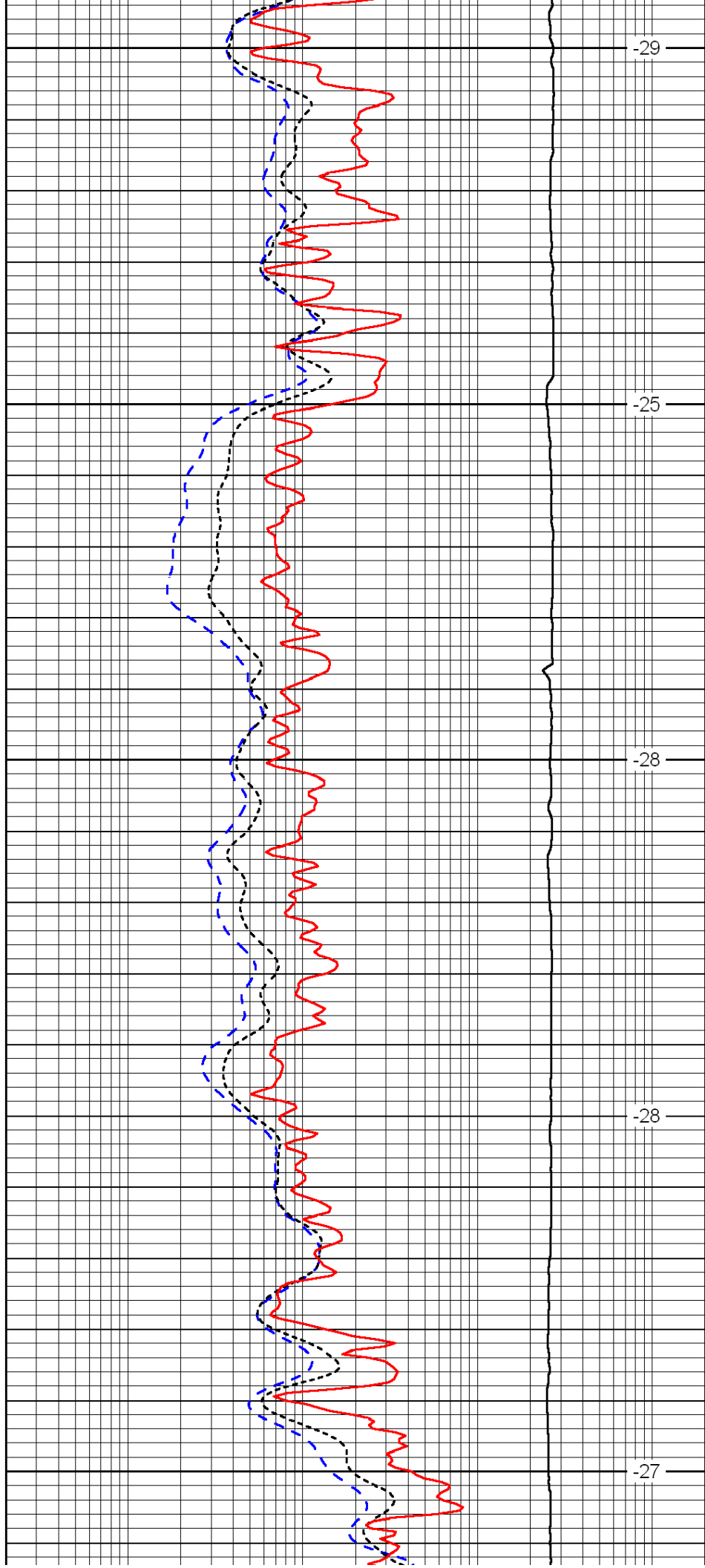
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6000

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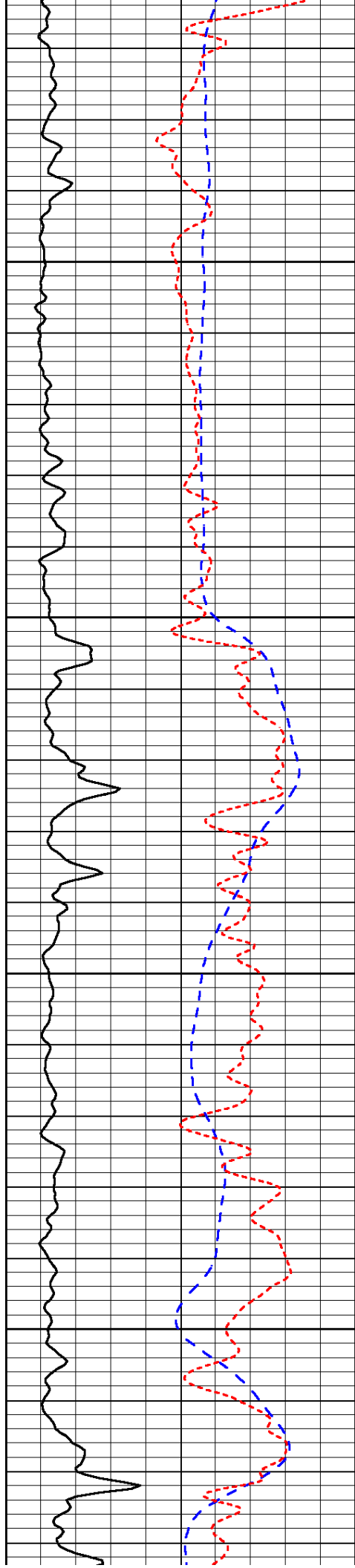
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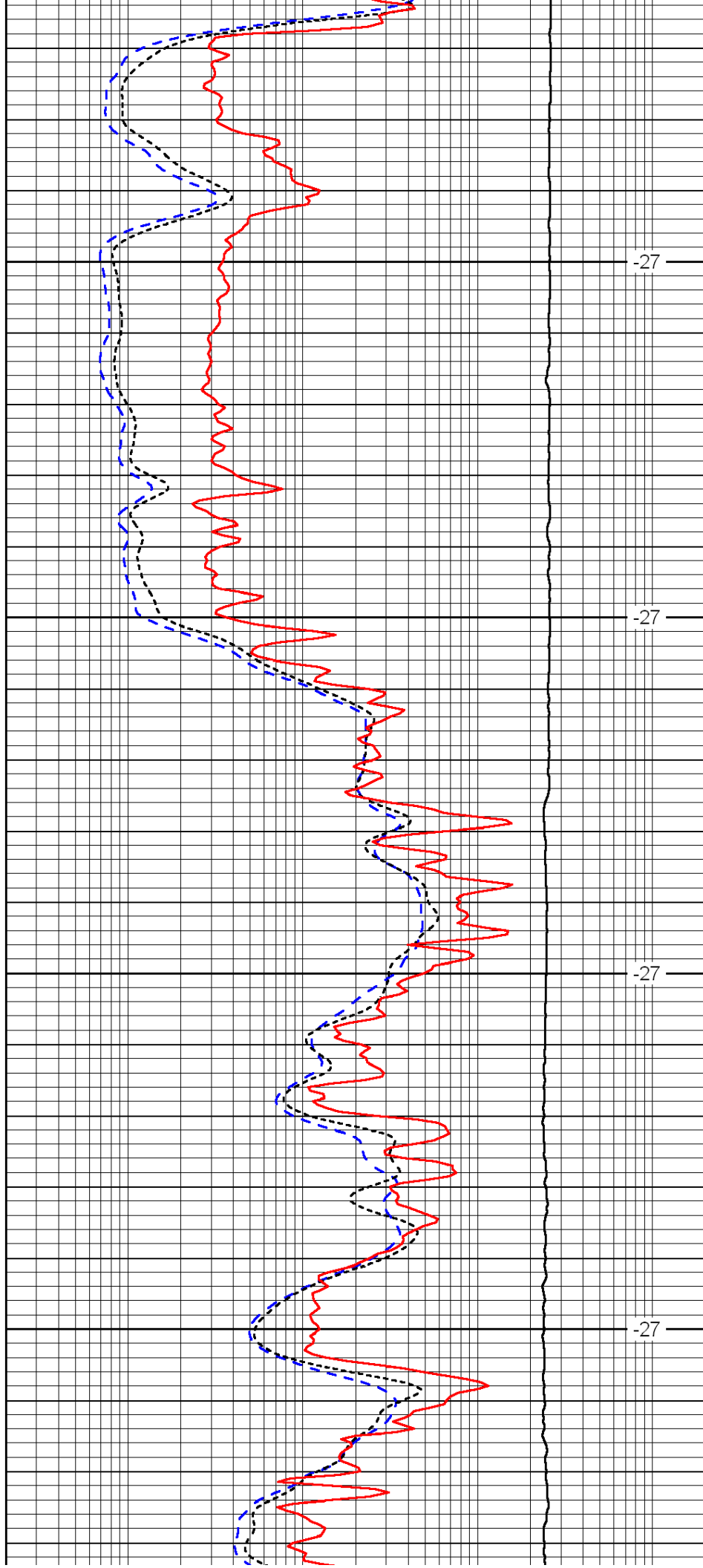


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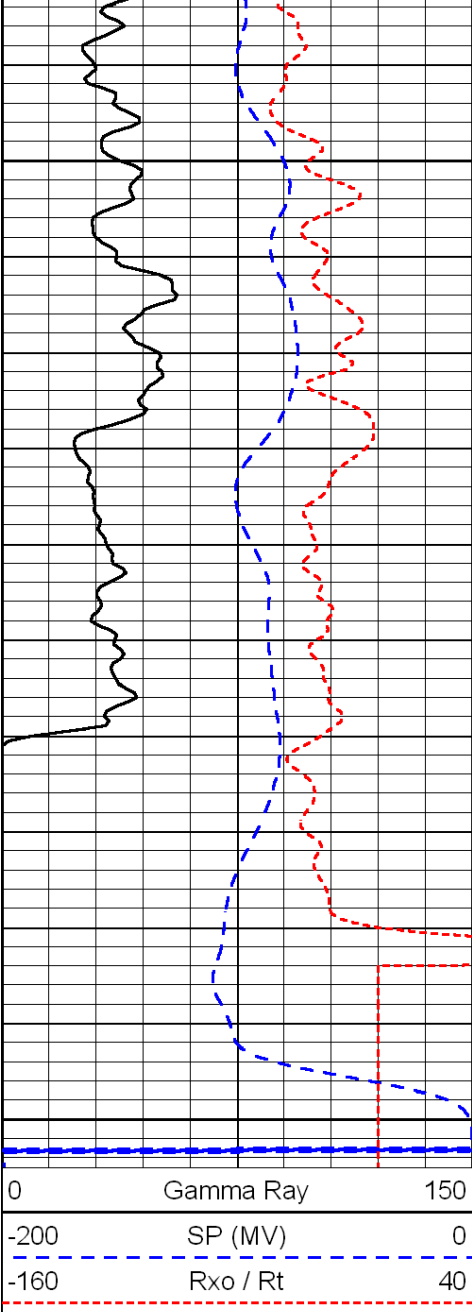


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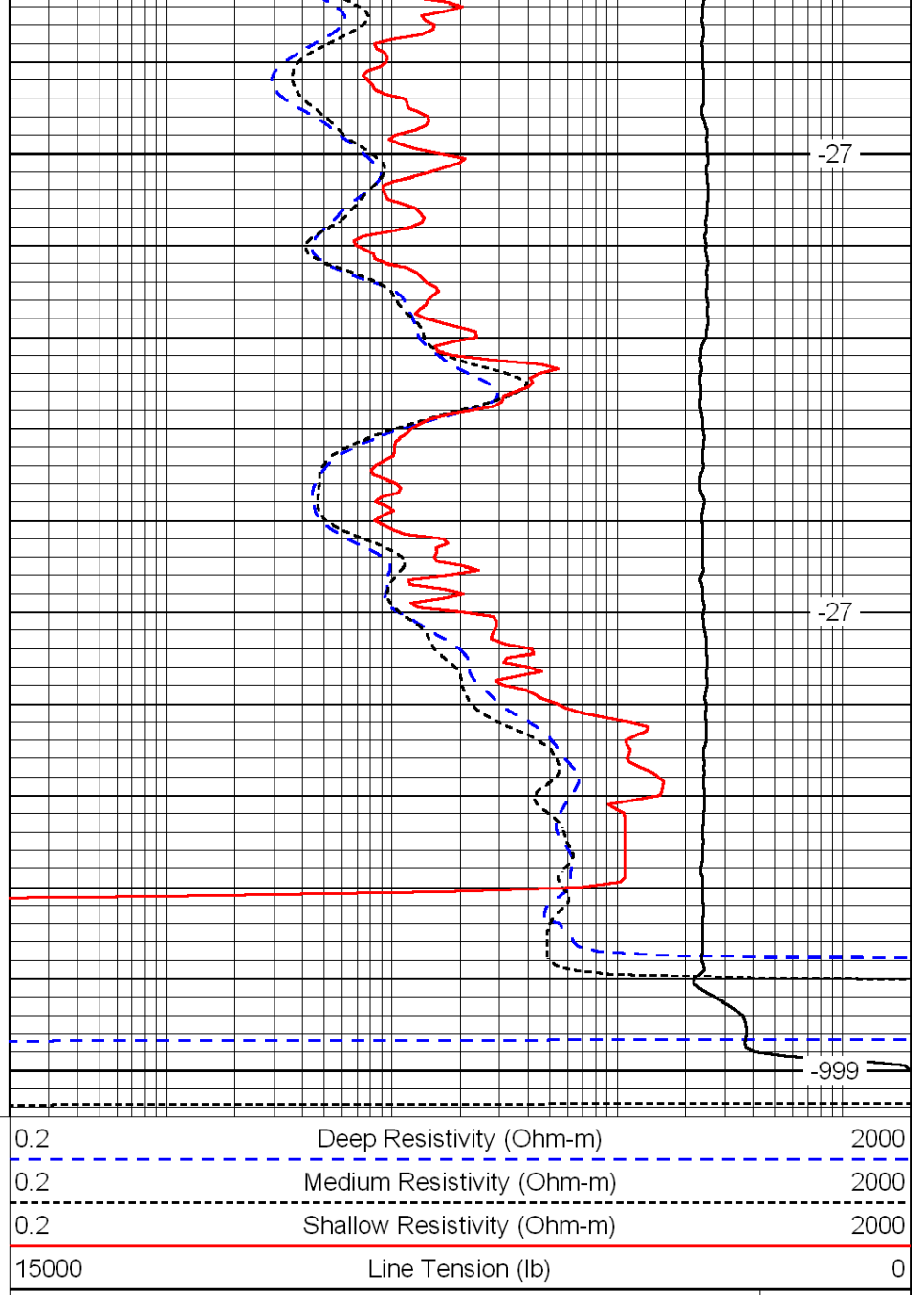
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6400

6450

6500



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|       |                             |      |
|-------|-----------------------------|------|
| 0.2   | Deep Resistivity (Ohm-m)    | 2000 |
| 0.2   | Medium Resistivity (Ohm-m)  | 2000 |
| 0.2   | Shallow Resistivity (Ohm-m) | 2000 |
| 15000 | Line Tension (lb)           | 0    |

LSPD  
(ft/min)