



DIGITAL LOG (785) 625-3858

## Dual Induction Log

15-065-23,825-00-00

Company Berexco, LLC.

Well Balthazor A #3

Field Morel

County Graham

State

Kansas

Location

N/2 SW NE NE  
740' FNL & 1000' FEL

Other Services  
CNL/CDL  
MEL

Sec: 23

Twp: 9 S

Rge: 21 W

Elevation

Permanent Datum Ground Level Elevation 2227  
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 2238  
D.F. 2227  
G.L. 2227

Date 4/20/2012

Run Number One

Depth Driller 3830

Depth Logger 3833

Bottom Logged Interval 3832

Top Log Interval 300

Casing Driller 8.625 @ 330

Casing Logger 324

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2.000

Density / Viscosity 9.1 45

pH / Fluid Loss 9.5 8.8

Source of Sample Flowline

Rm @ Meas. Temp .85 @ 50

Rmf @ Meas. Temp @ 50

Rmc @ Meas. Temp 1.15 @ 50

Source of Rmf / Rmc Charts

Rm @ BHT .37 @ 116

Operating Rig Time 4 Hours

Max Rec. Temp. F 116

Equipment Number 91

Location Hays

Recorded By K. Bange

Witnessed By Bryan Bynog

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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

Palco, S to Red Line rd, 3 W to 380 rd,  
2 N to J rd, 1/2 E, S into

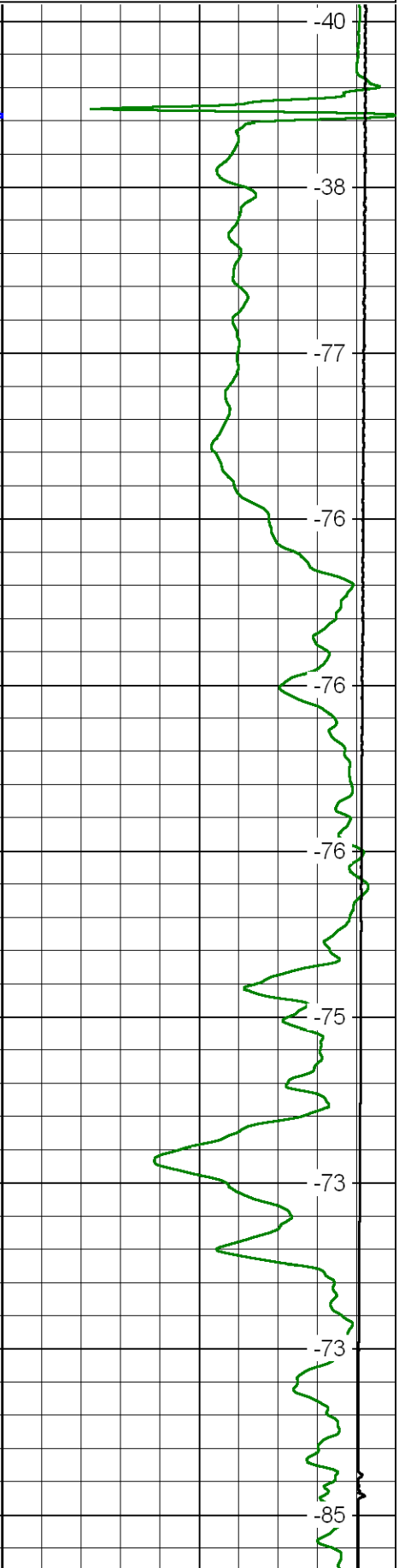
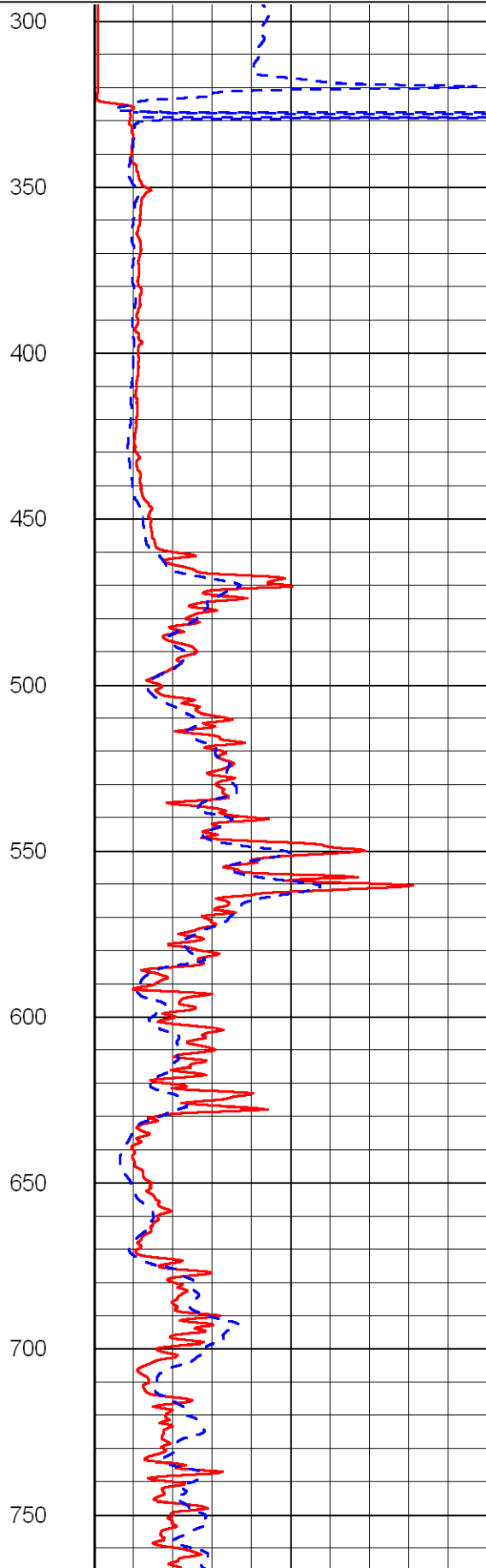
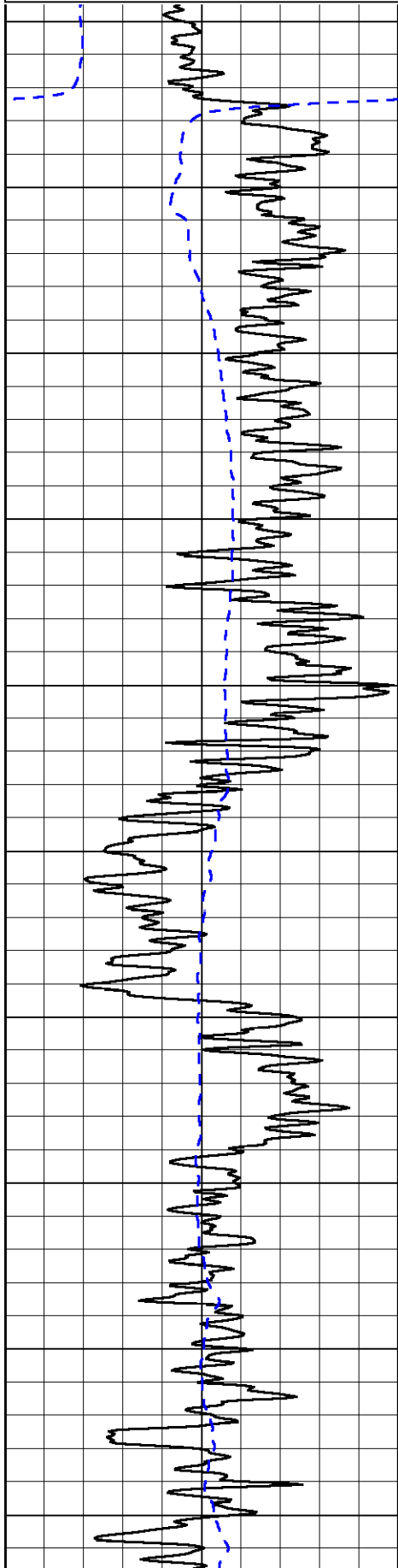
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Presentation Format: dil2in  
Dataset Creation: Fri Apr 20 12:09:30 2012  
Charted by: Depth in Feet scaled 1:600

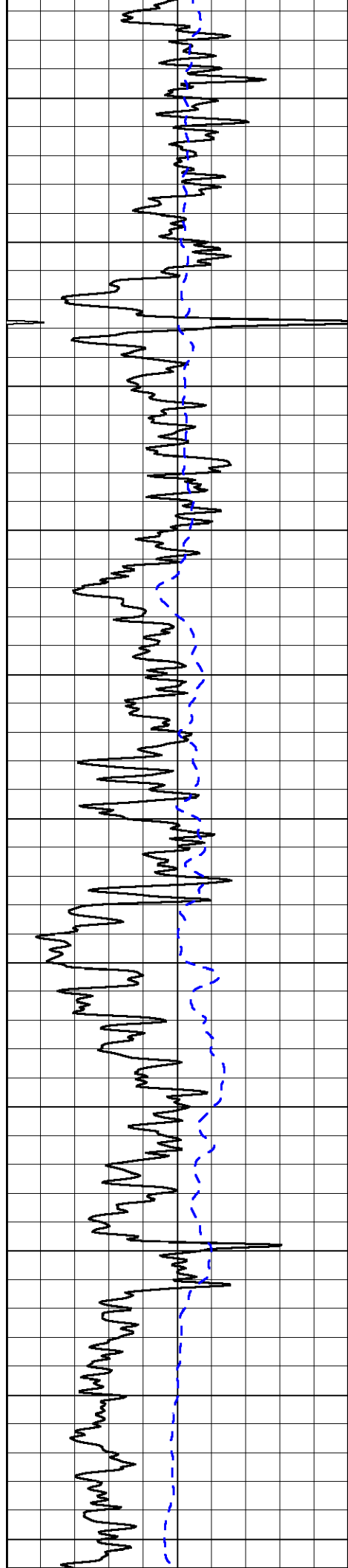
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| 0    | Gamma Ray | 150 |
| -200 | SP        | 0   |

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

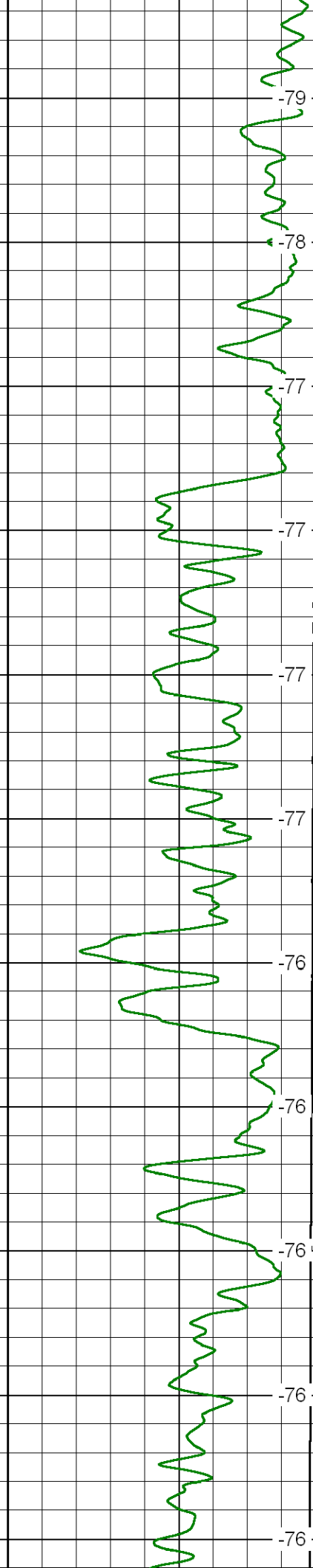
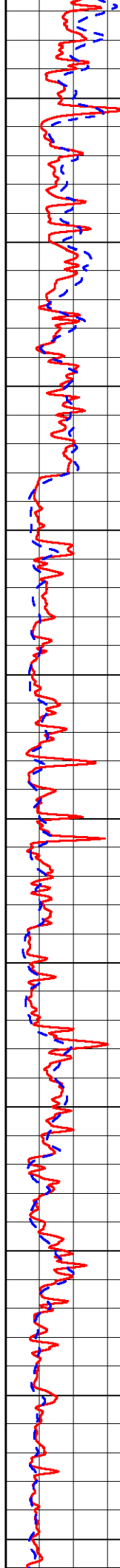
LSPD

|    |                     |     |
|----|---------------------|-----|
| 50 | Shallow Resistivity | 500 |
| 50 | Deep Resistivity    | 500 |

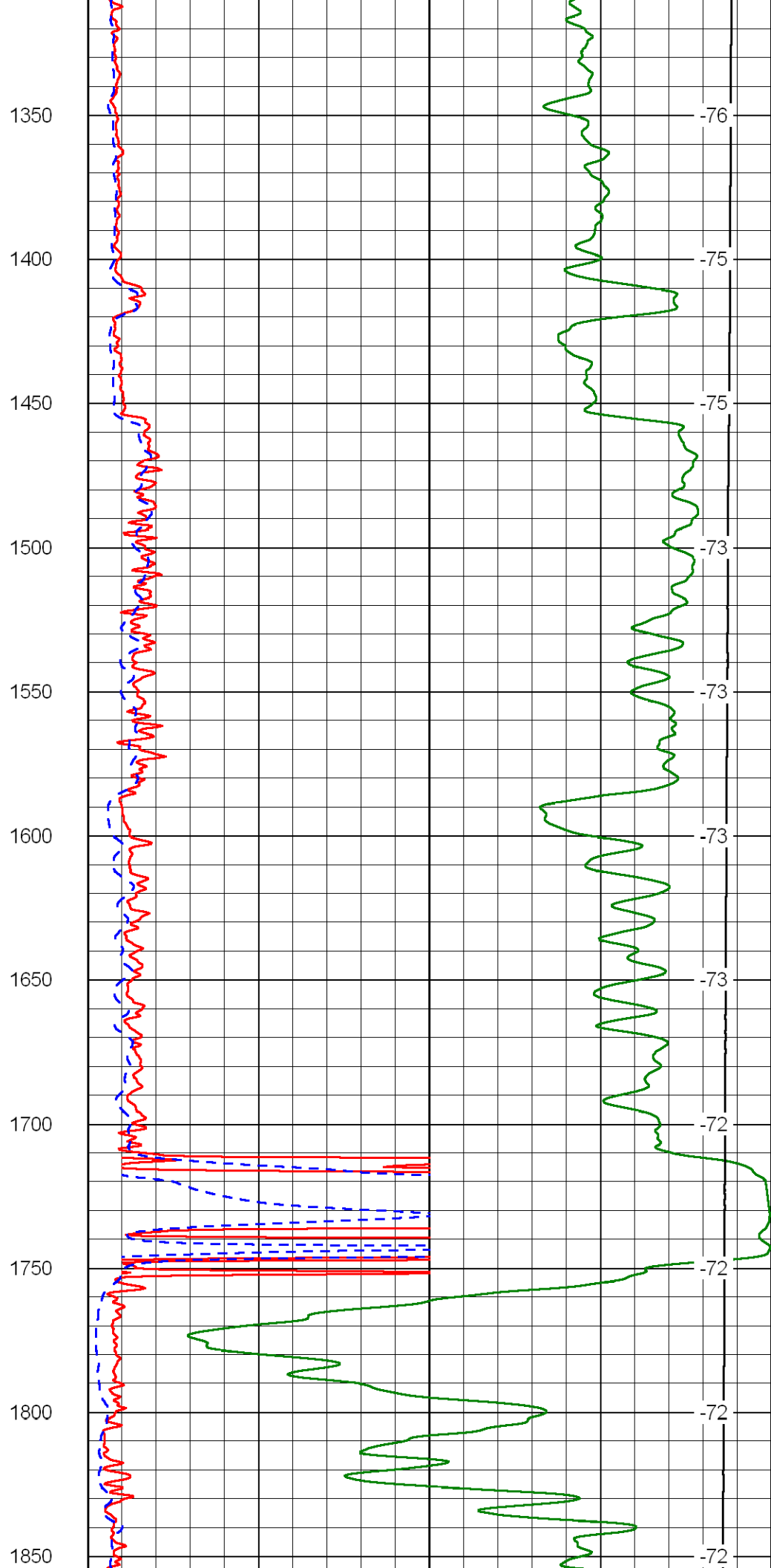
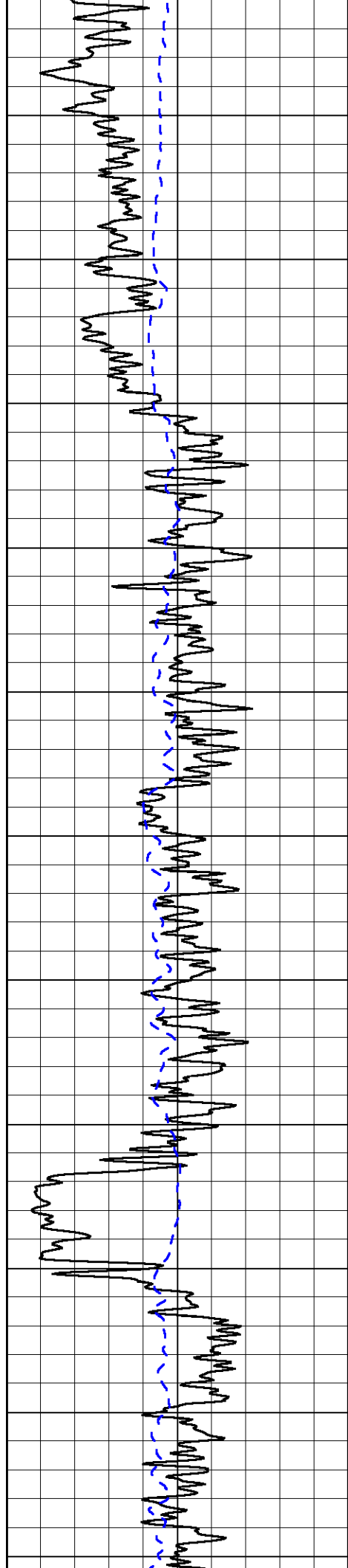


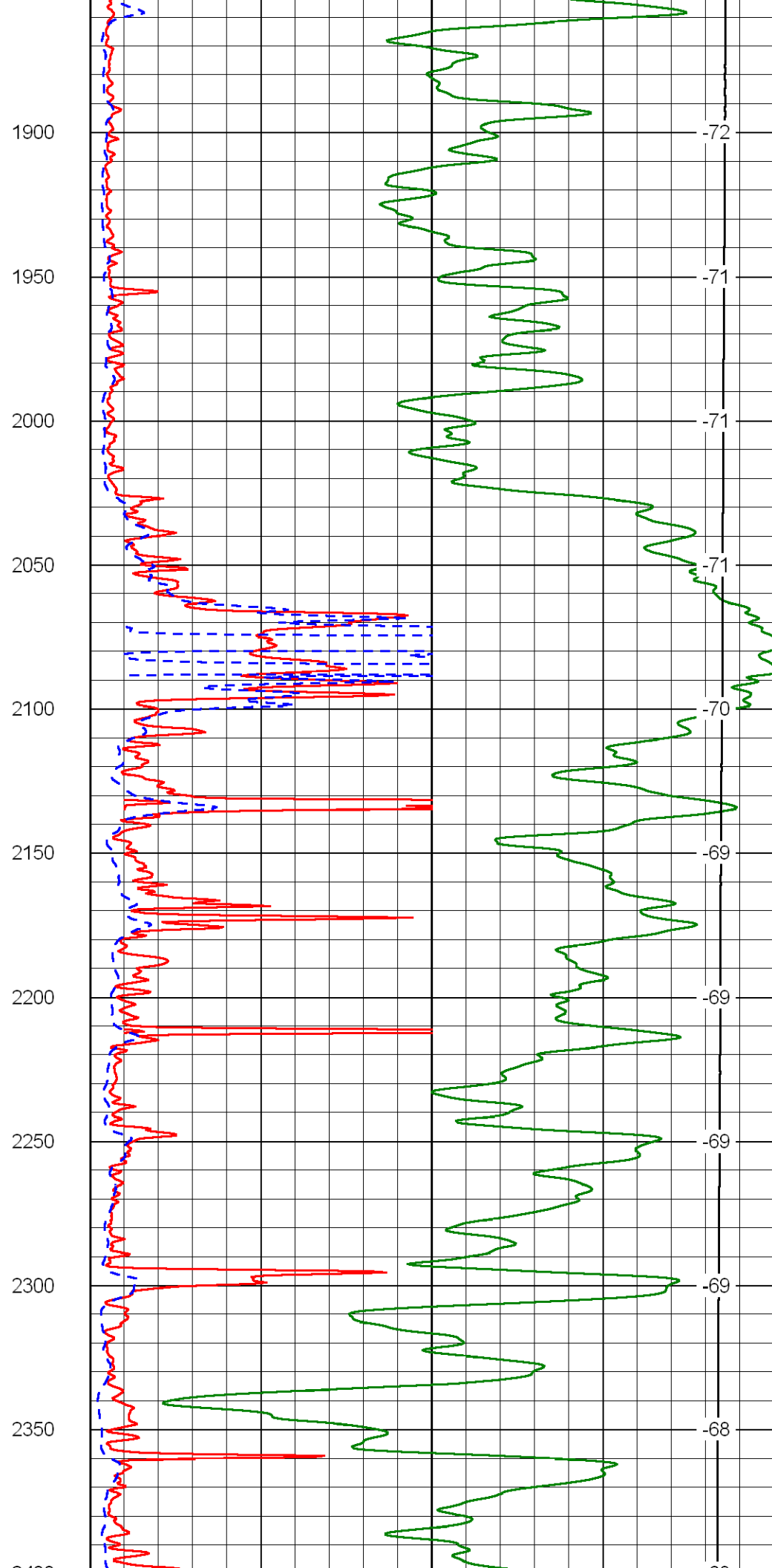
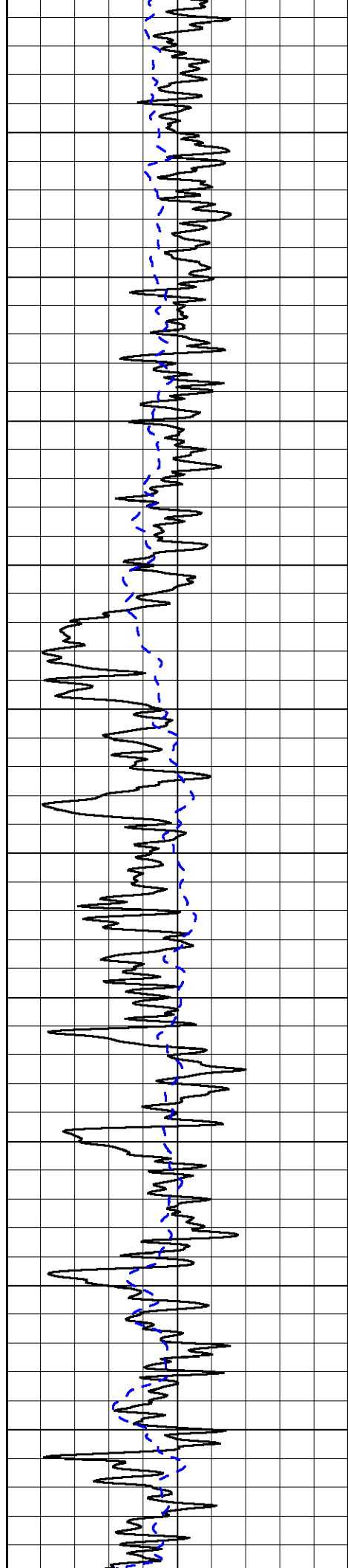


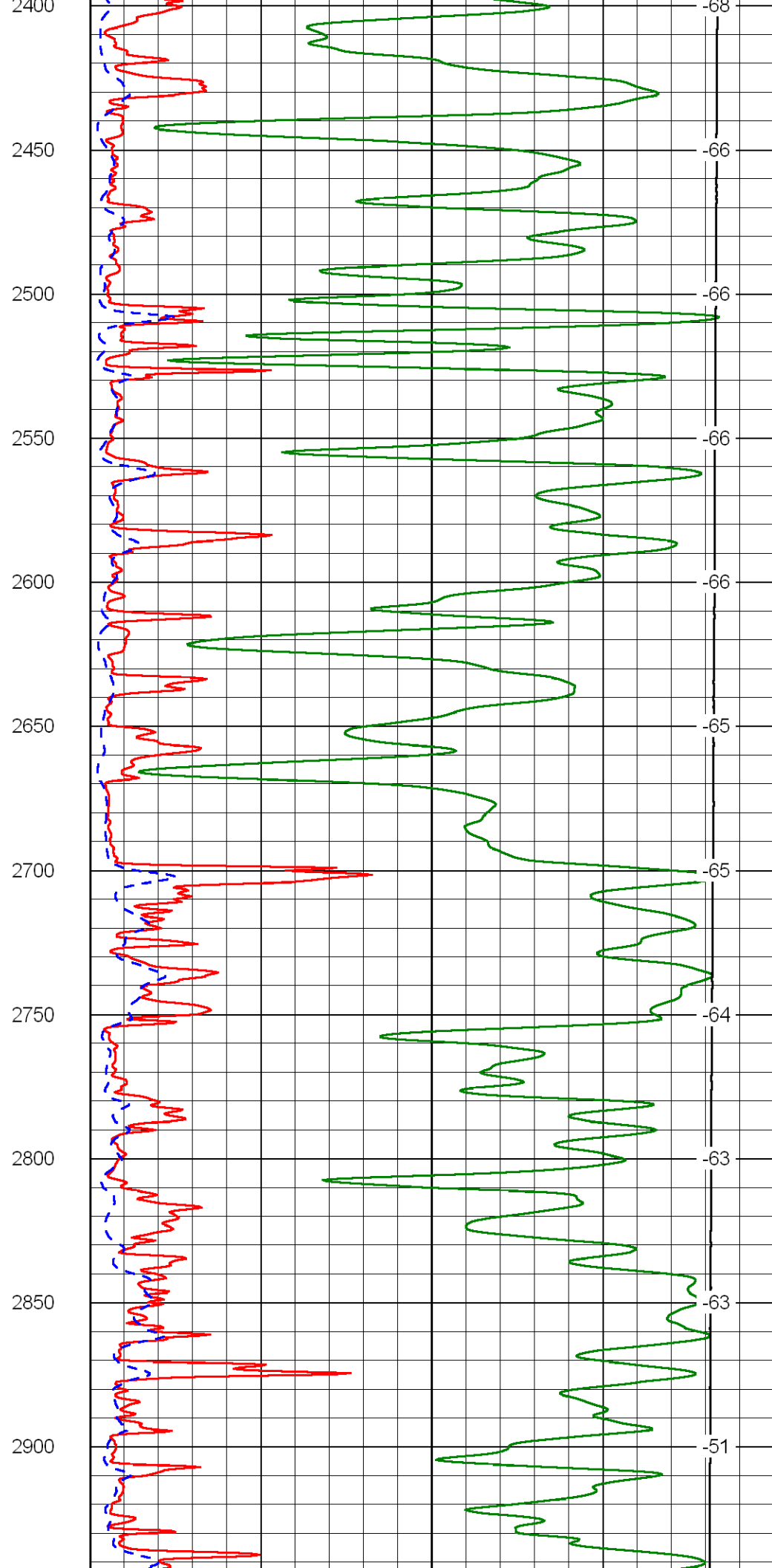
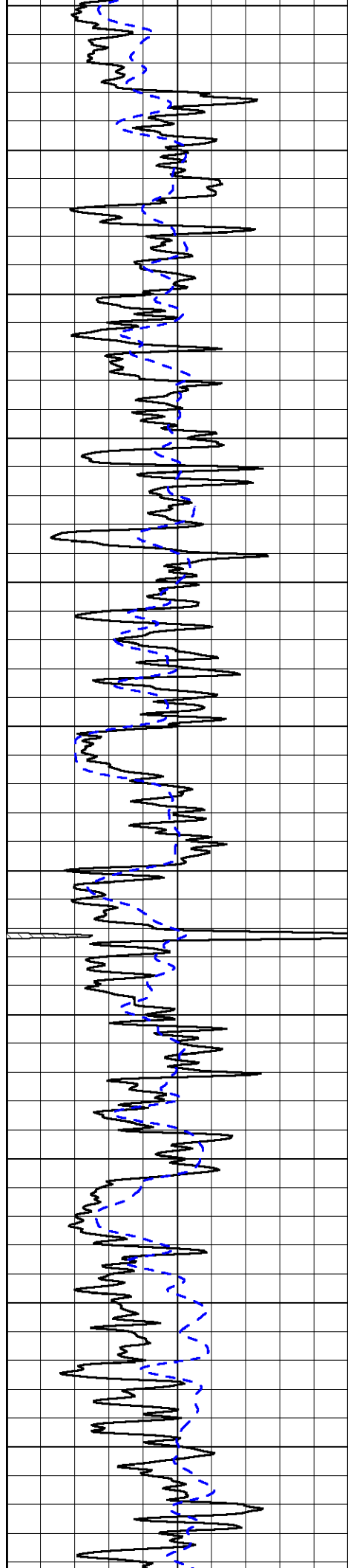
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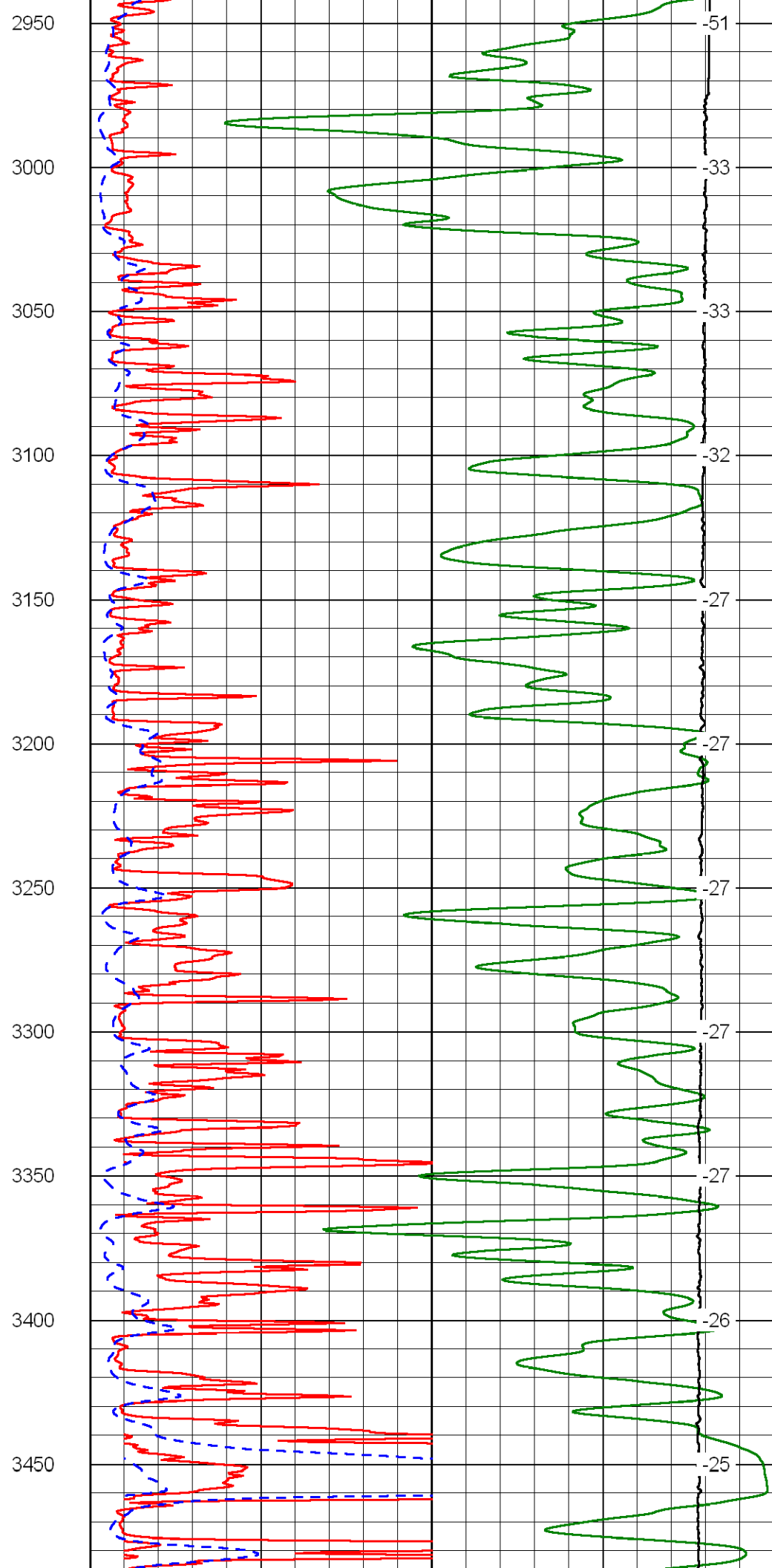
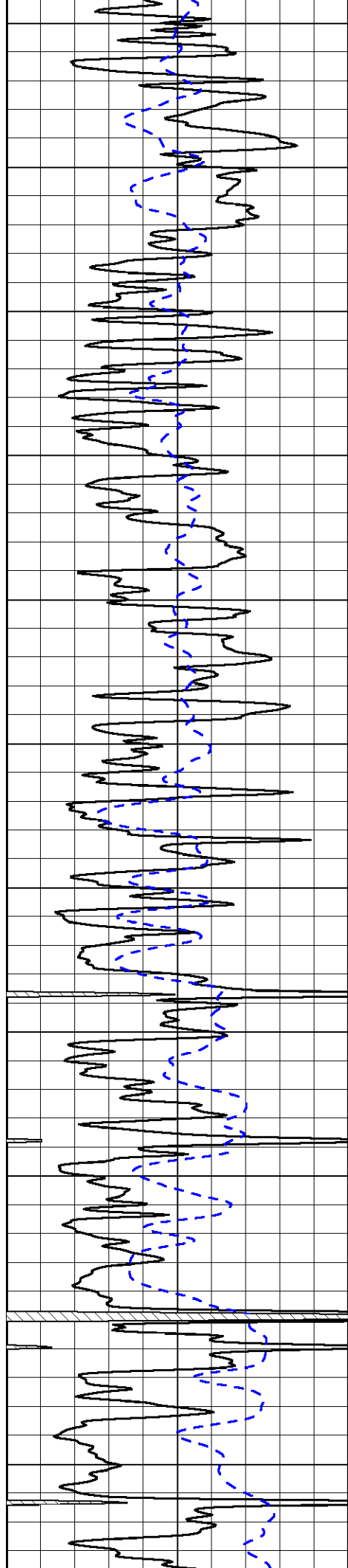


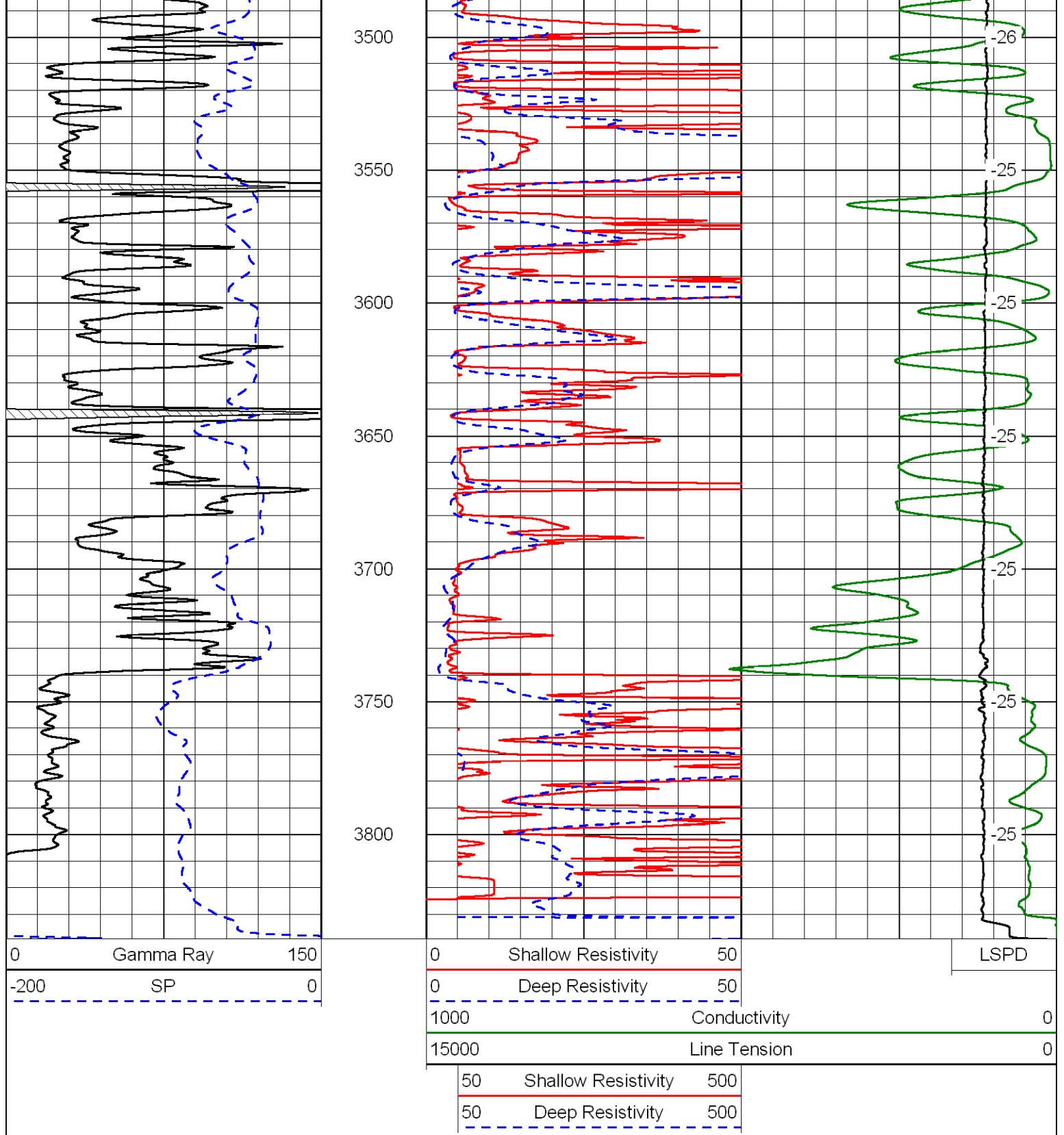
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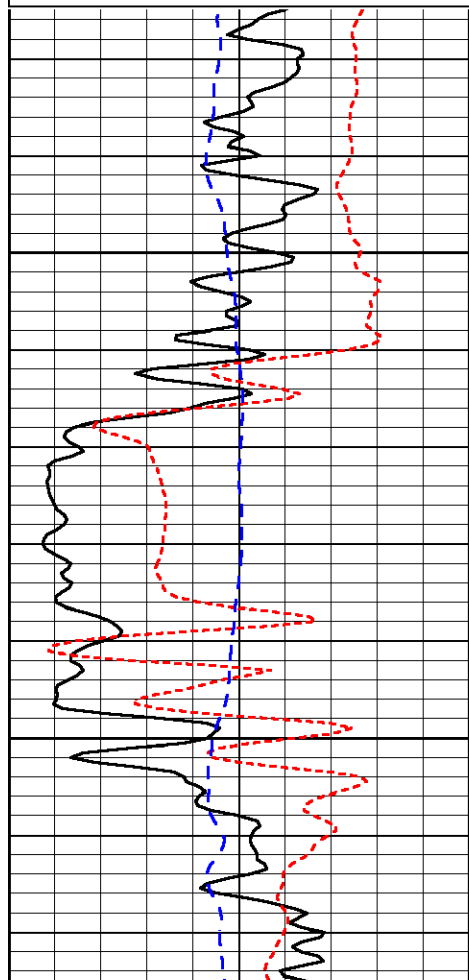






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Dataset Creation: Fri Apr 20 12:09:30 2012  
Charted by: Depth in Feet scaled 1:240

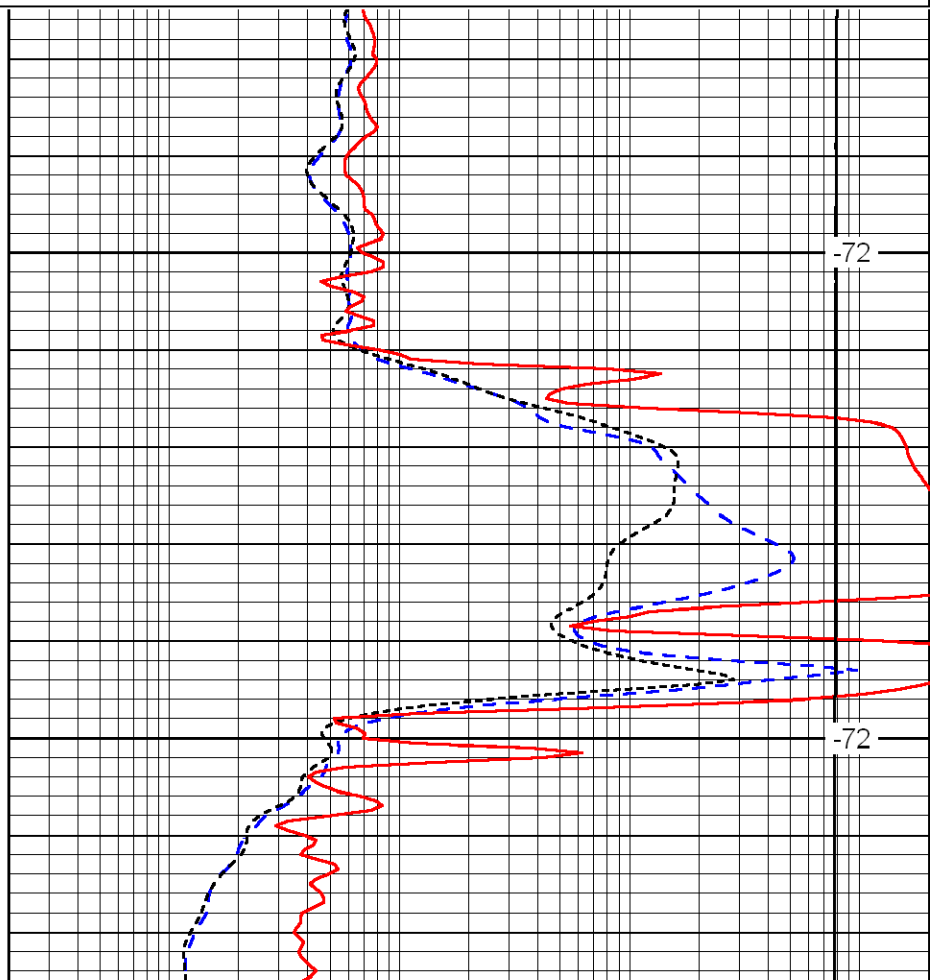
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| 0    | Gamma Ray | 150 | 0.2   | Deep Resistivity    | 2000 |
| -160 | RXO/RT    | 40  | 0.2   | Medium Resistivity  | 2000 |
| -200 | SP        | 0   | 0.2   | Shallow Resistivity | 2000 |
|      |           |     | 10000 | Line Tension        | 0    |
|      |           |     |       | LSPD                |      |



|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -160 | RXO/RT    | 40  |
| -200 | SP        | 0   |

1700

1750



|       |                     |      |
|-------|---------------------|------|
| 0.2   | Deep Resistivity    | 2000 |
| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 10000 | Line Tension        | 0    |

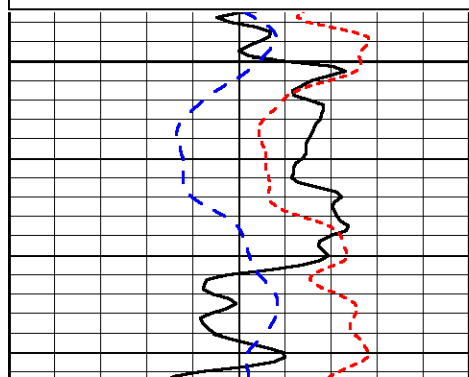
LSPD

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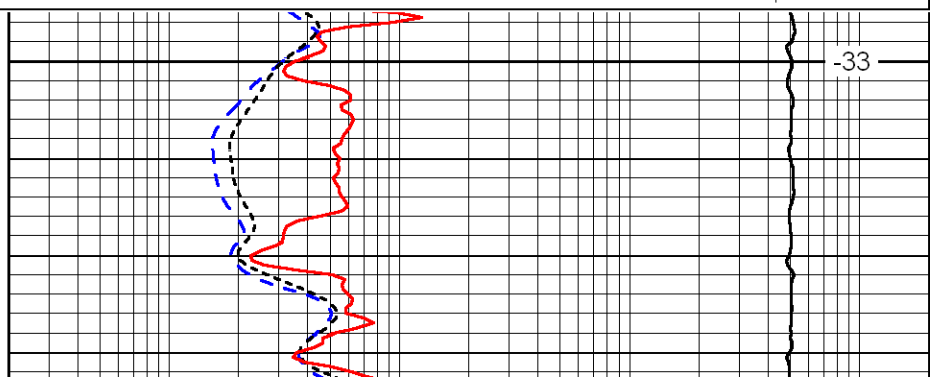
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|------|-----------|-----|
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| -160 | RXO/RT    | 40  |
| -200 | SP        | 0   |

|       |                     |      |
|-------|---------------------|------|
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| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 10000 | Line Tension        | 0    |

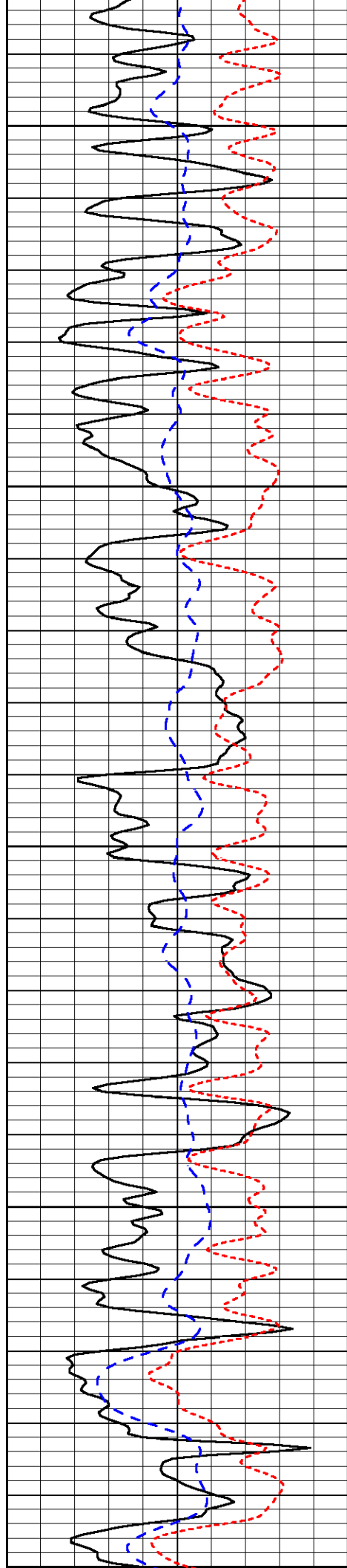
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-33



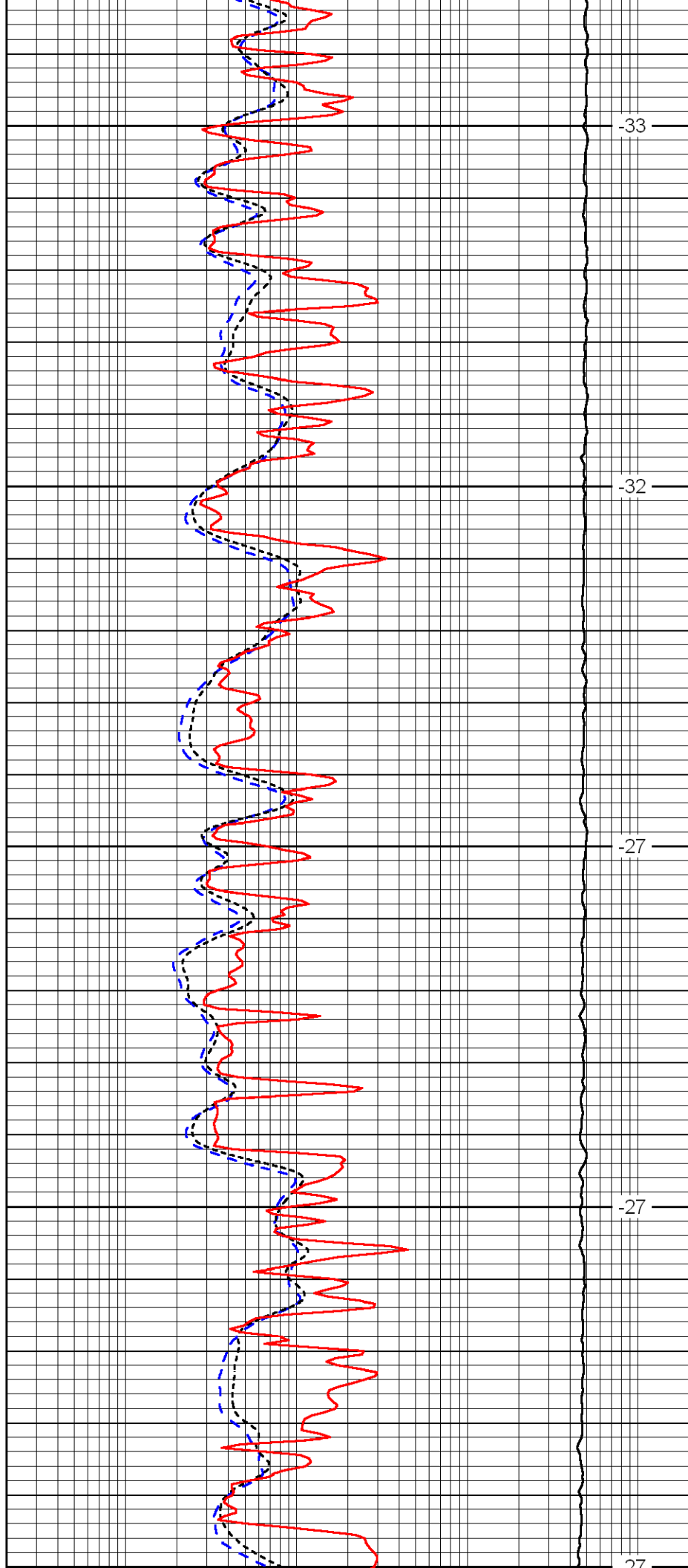
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3200

3250



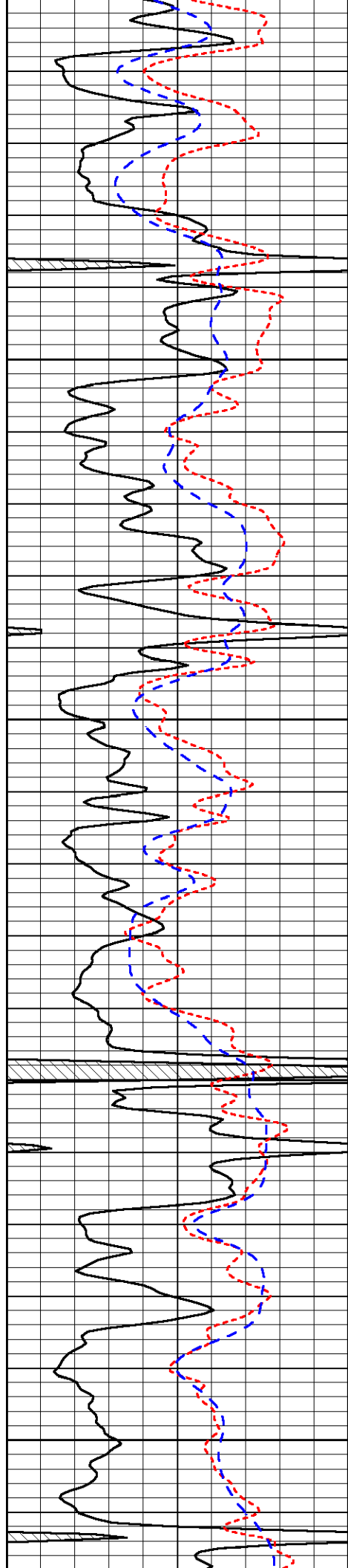
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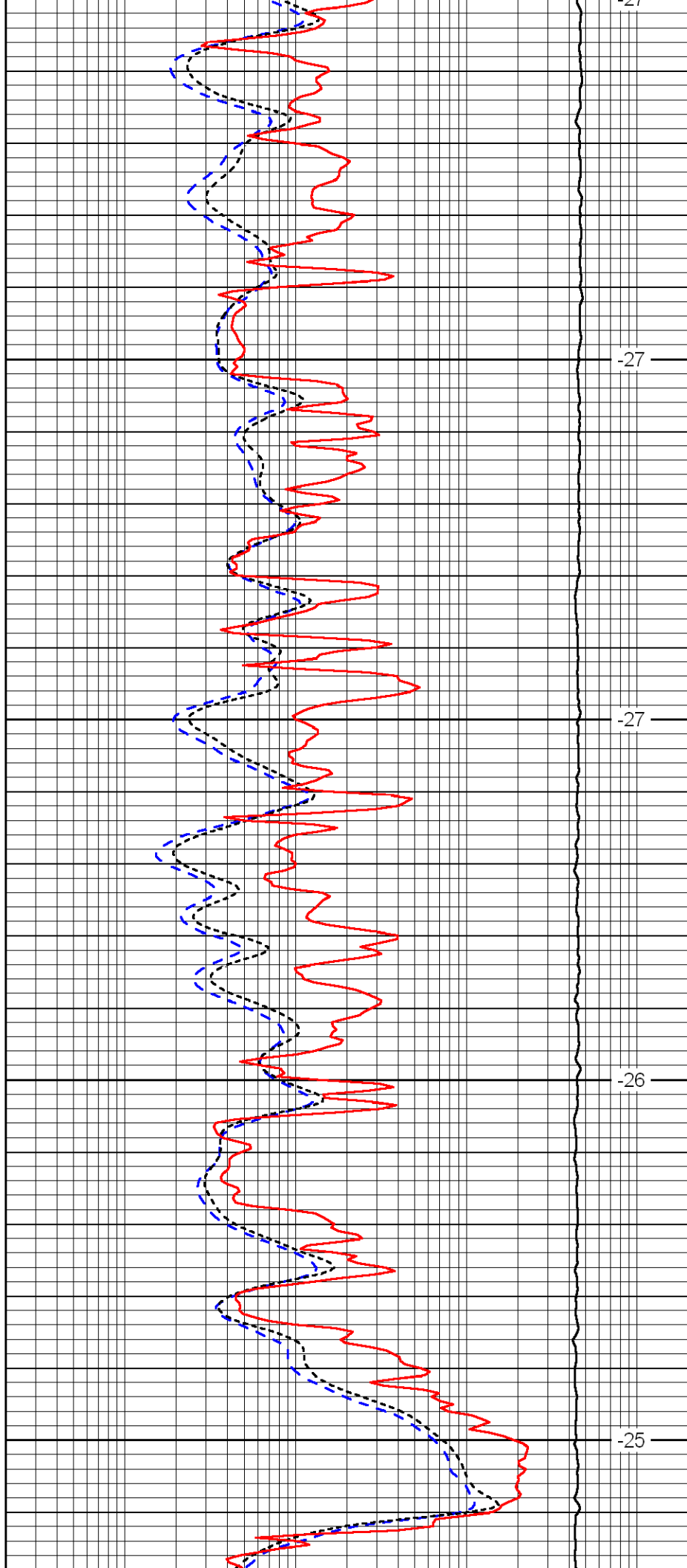
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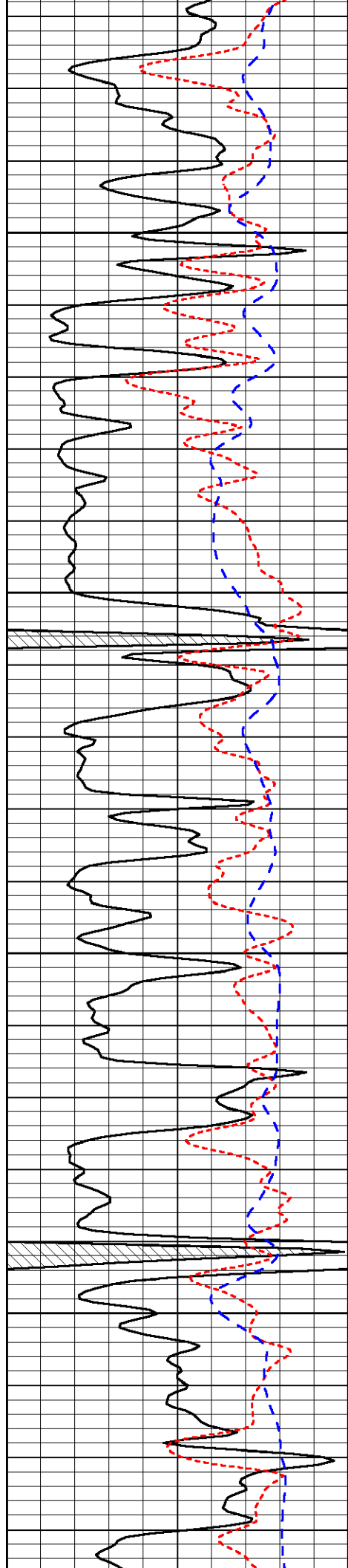
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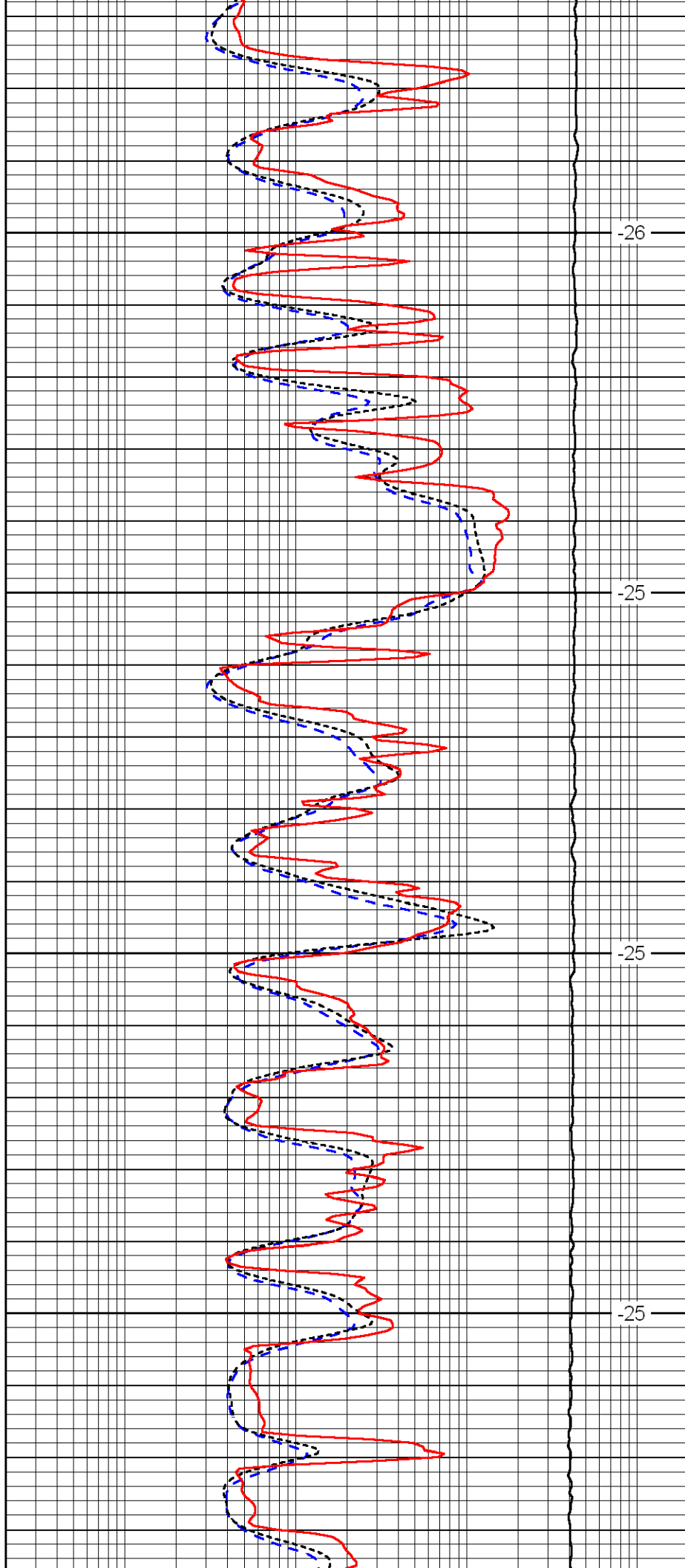


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3600

3650

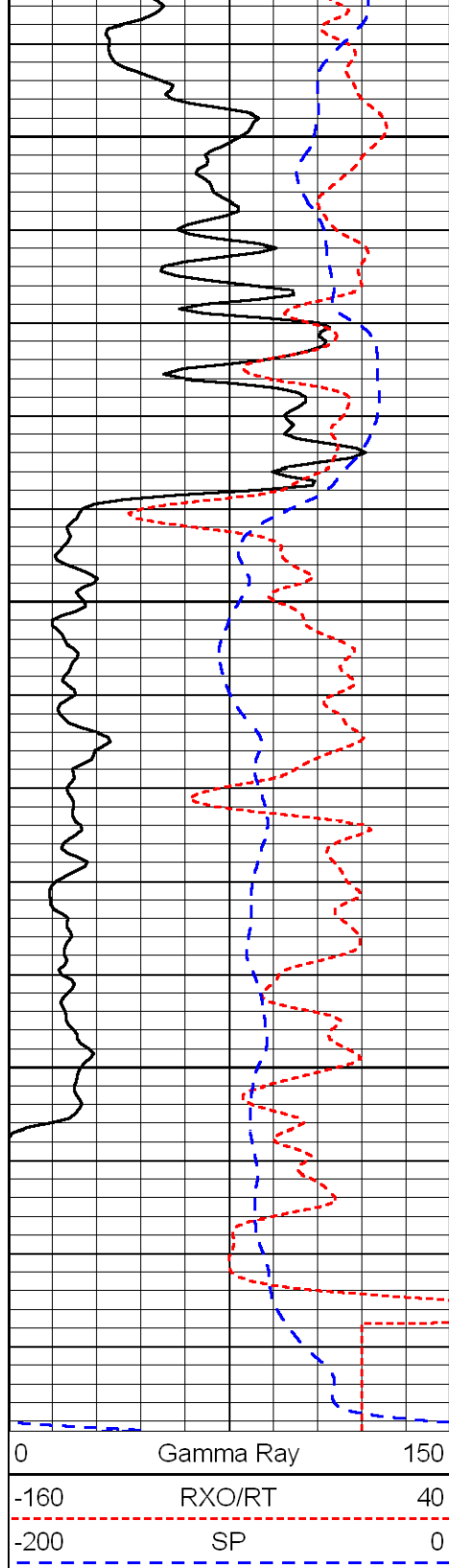


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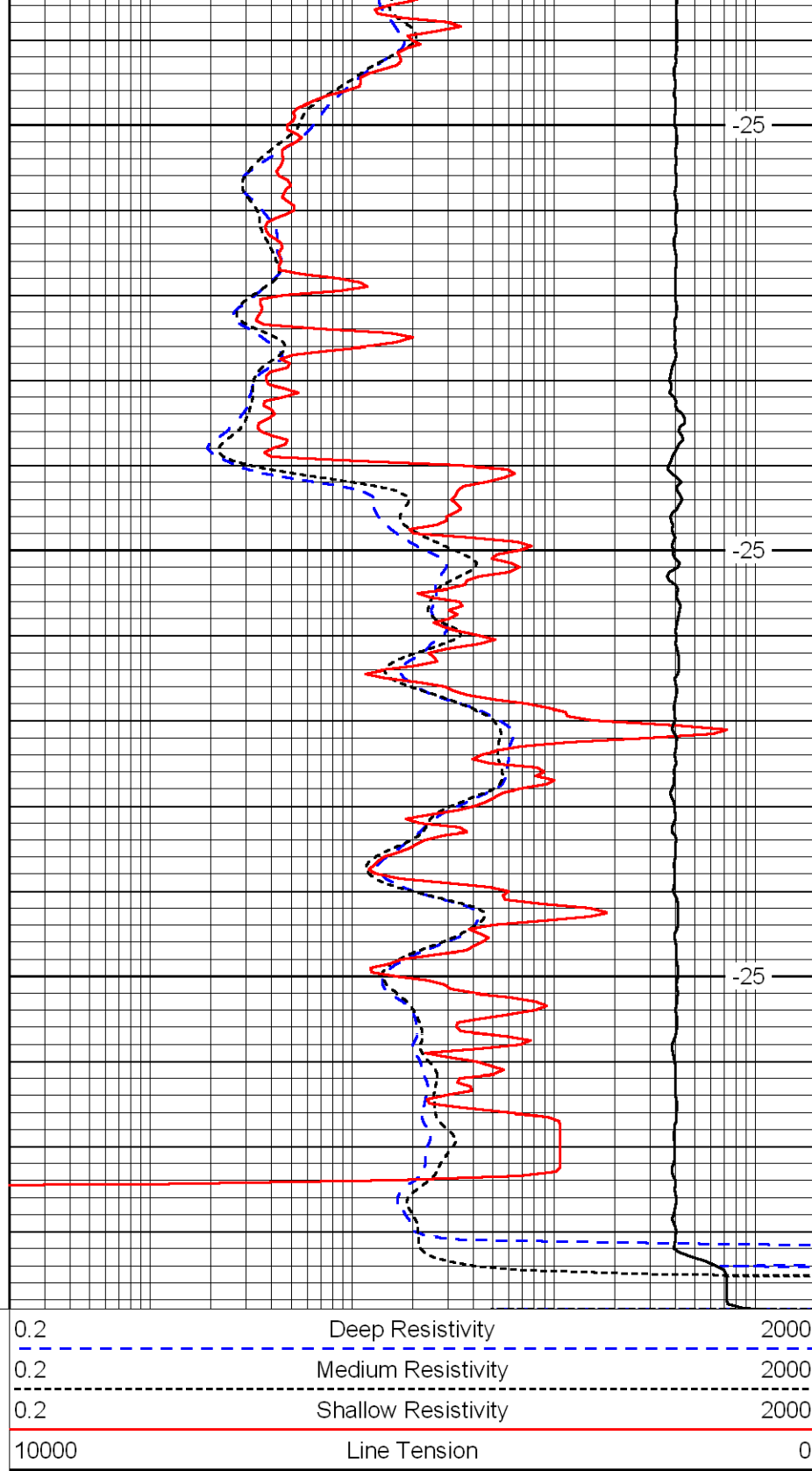
-25



3700

3750

3800



-25

-25

-25

|       |                     |      |
|-------|---------------------|------|
| 0.2   | Deep Resistivity    | 2000 |
| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 10000 | Line Tension        | 0    |

LSPD