

# LOG-TECH



## Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-195-22,602-00-00

Company Ohio Kentucky Oil Corporation

Well Theo Wiedeman No.4

Field Hackberry

County Trego

State

Kansas

Location NW NE SW NW  
1435' FNL & 815' FWL

Other Services  
CNL/CDL  
MEL

Sec: 19

Twp: 14S

Rge: 24W

Permanent Datum Ground Level Elevation 2303

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation  
K.B. 2308  
D.F.  
G.L. 2303

Date 2/13/2009

Run Number One

Depth Driller 4289

Depth Logger 4292

Bottom Logged Interval 4291

Top Log Interval 200

Casing Driller 8.625 @ 207

Casing Logger 207

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3,200

Density / Viscosity 9.4 57

pH / Fluid Loss 9.5 10.0

Source of Sample Flowline

Rm @ Meas. Temp .6 @ 52

Rmf @ Meas. Temp .45 @ 52

Rmc @ Meas. Temp .81 @ 52

Source of Rmf / Rmc Charts

Rm @ BHT .26 @ 121

Operating Rig Time 4 Hours

Max Rec. Temp. F 121

Equipment Number 17

Location Hays

Recorded By C. Desaire

Witnessed By Jim Hall

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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

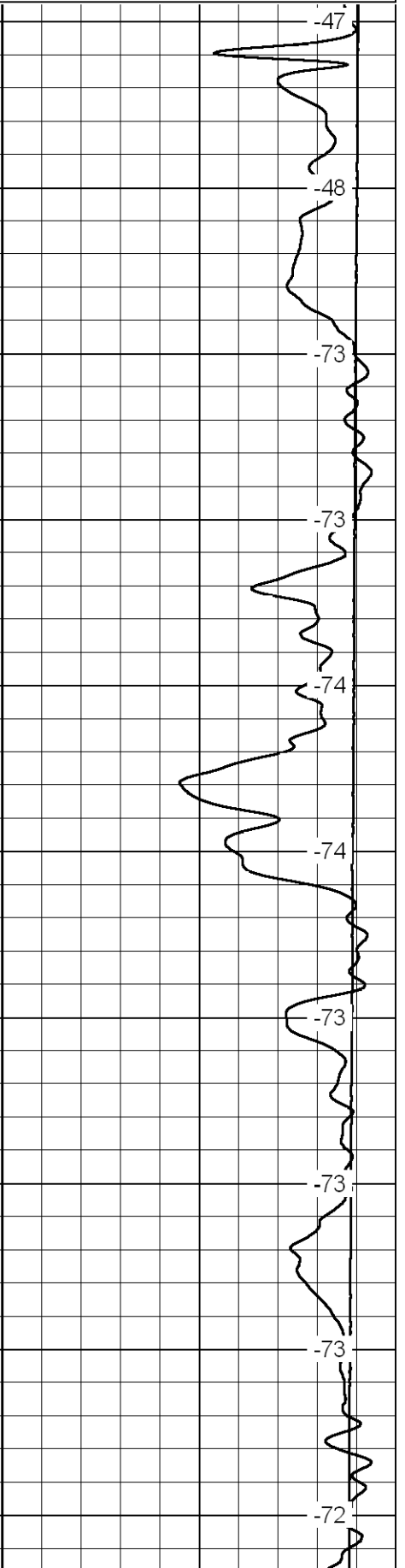
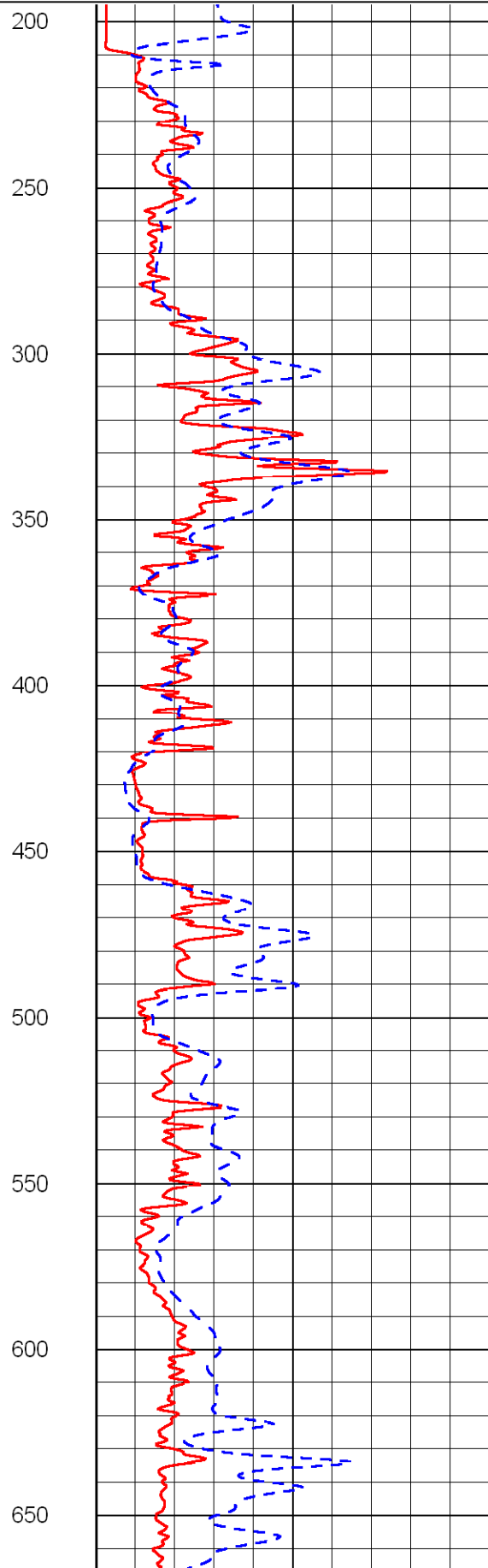
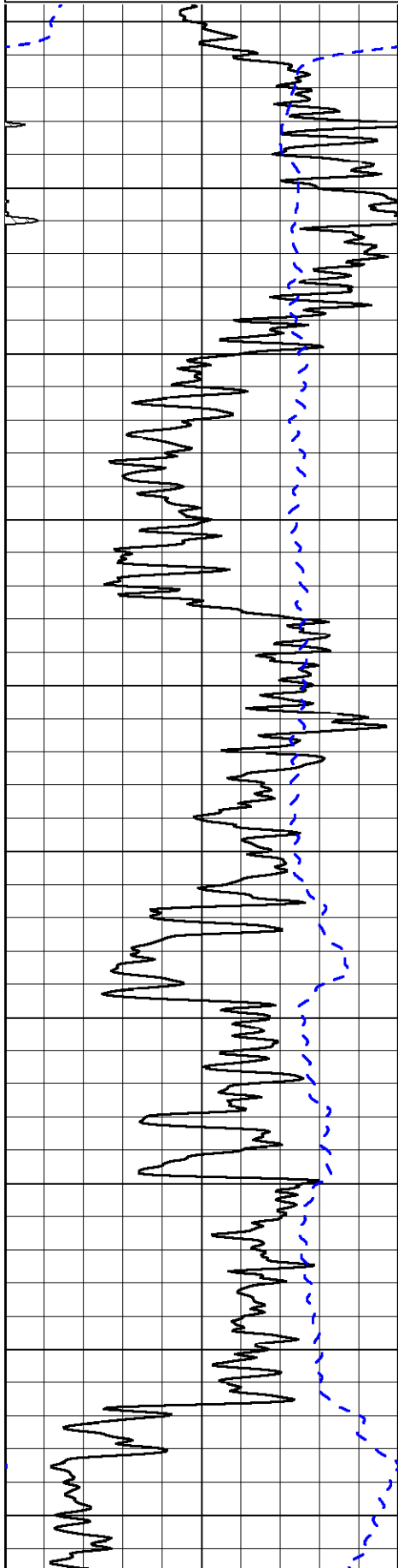
Wakeeney, 13S, 7W to T,  
W Into on Chalk Rd

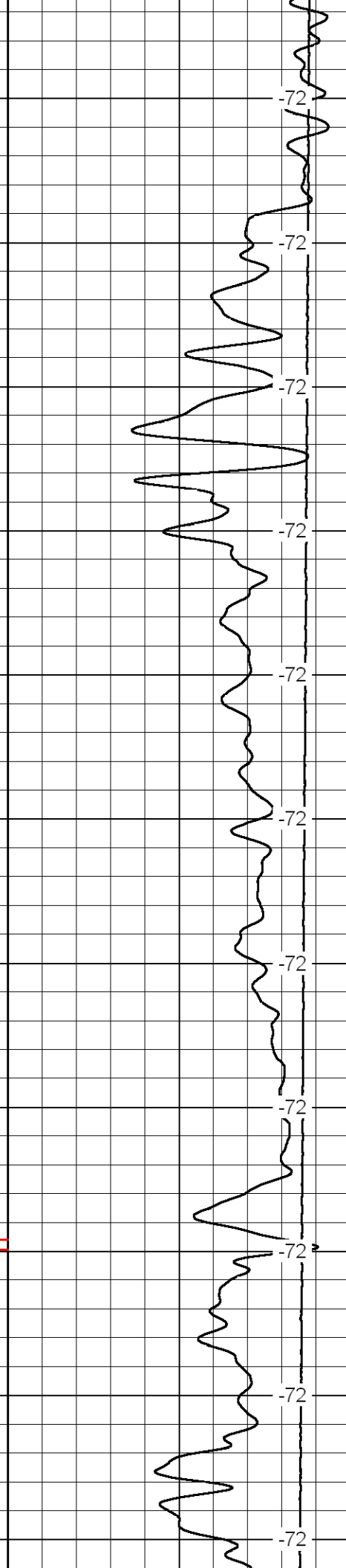
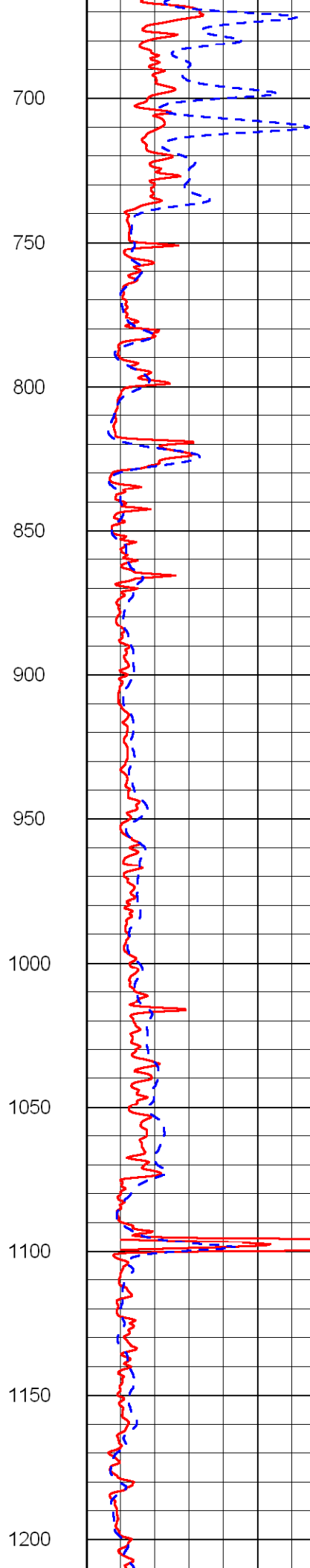
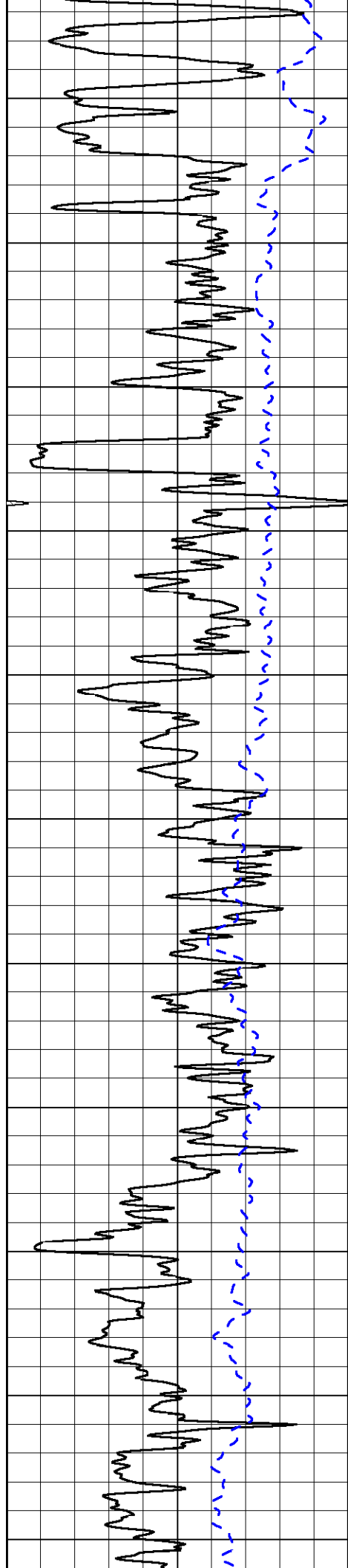
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Presentation Format: dil2in  
Dataset Creation: Fri Feb 13 12:59:19 2009  
Charted by: Depth in Feet scaled 1:600

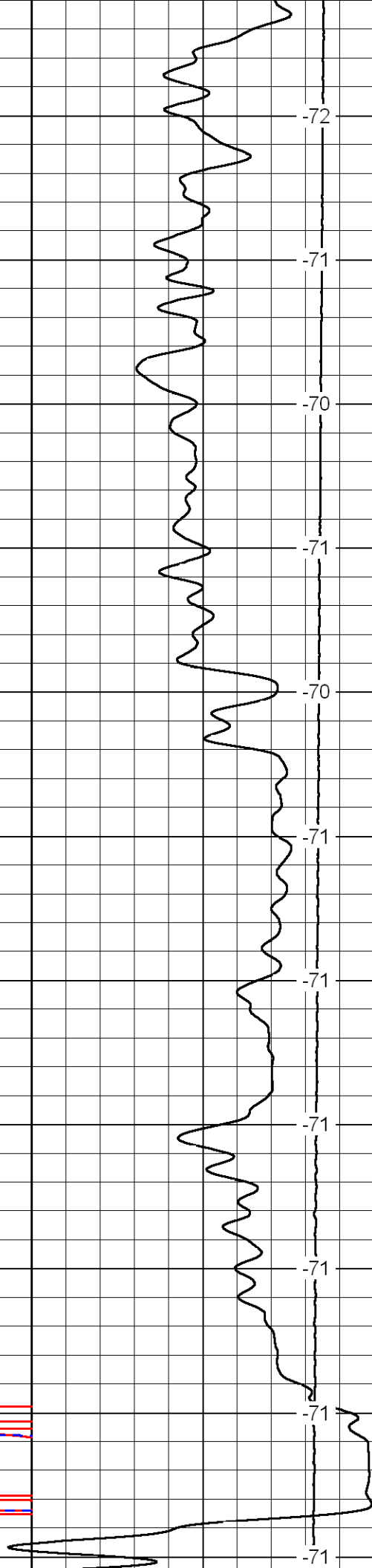
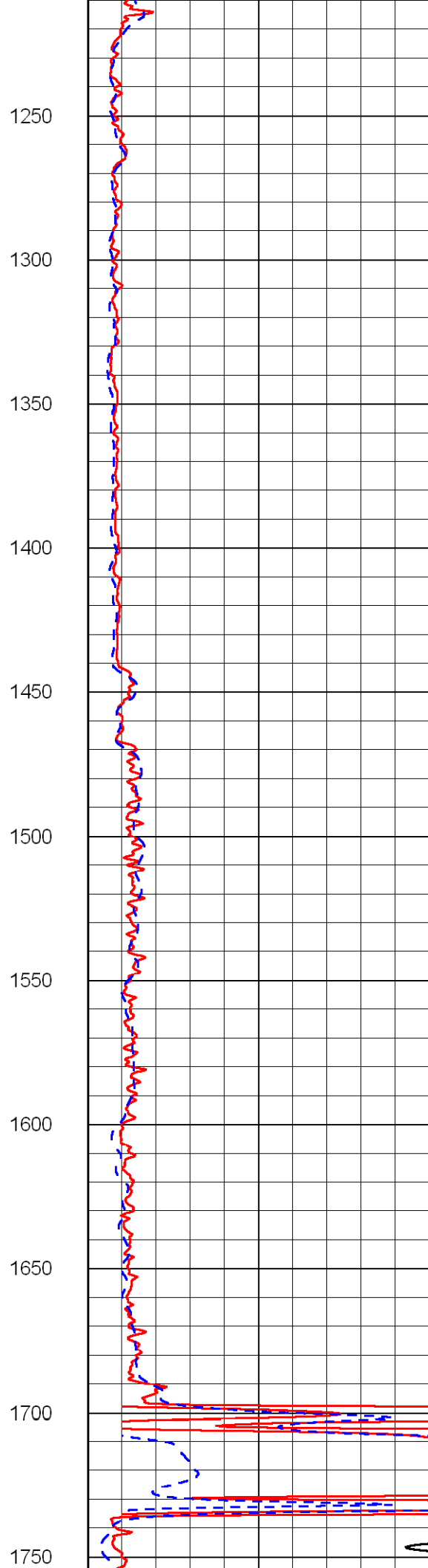
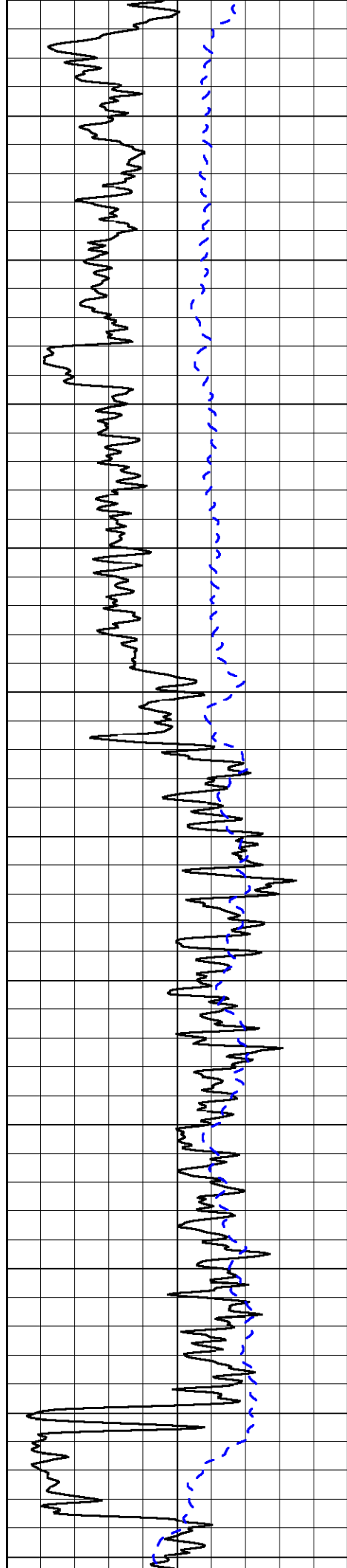
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|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP        | 0   |

|       |                     |     |
|-------|---------------------|-----|
| 0     | Shallow Resistivity | 50  |
| 0     | Deep Resistivity    | 50  |
| 1000  | Conductivity        | 0   |
| 15000 | Line Tension        | 0   |
| 50    | Shallow Resistivity | 500 |
| 50    | Deep Resistivity    | 500 |

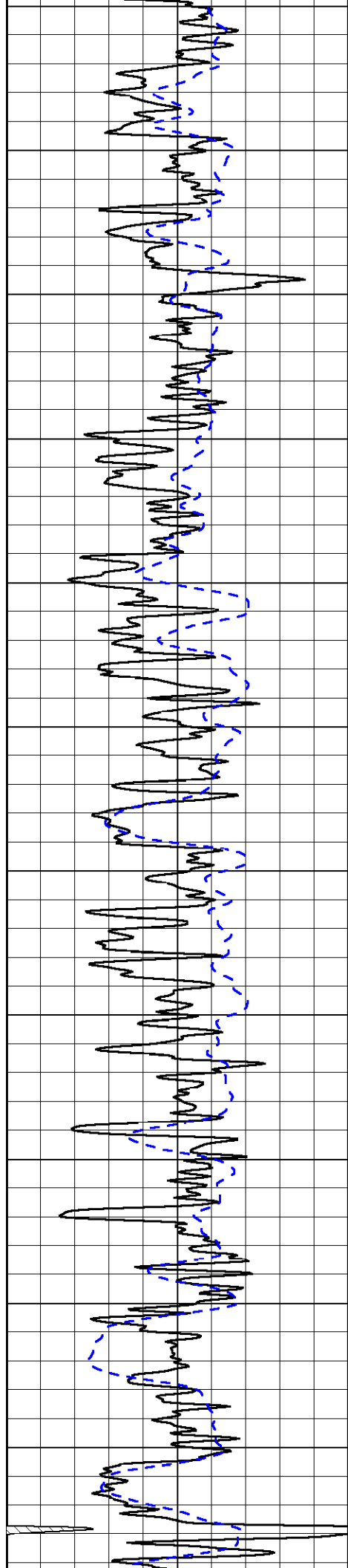
LSPD



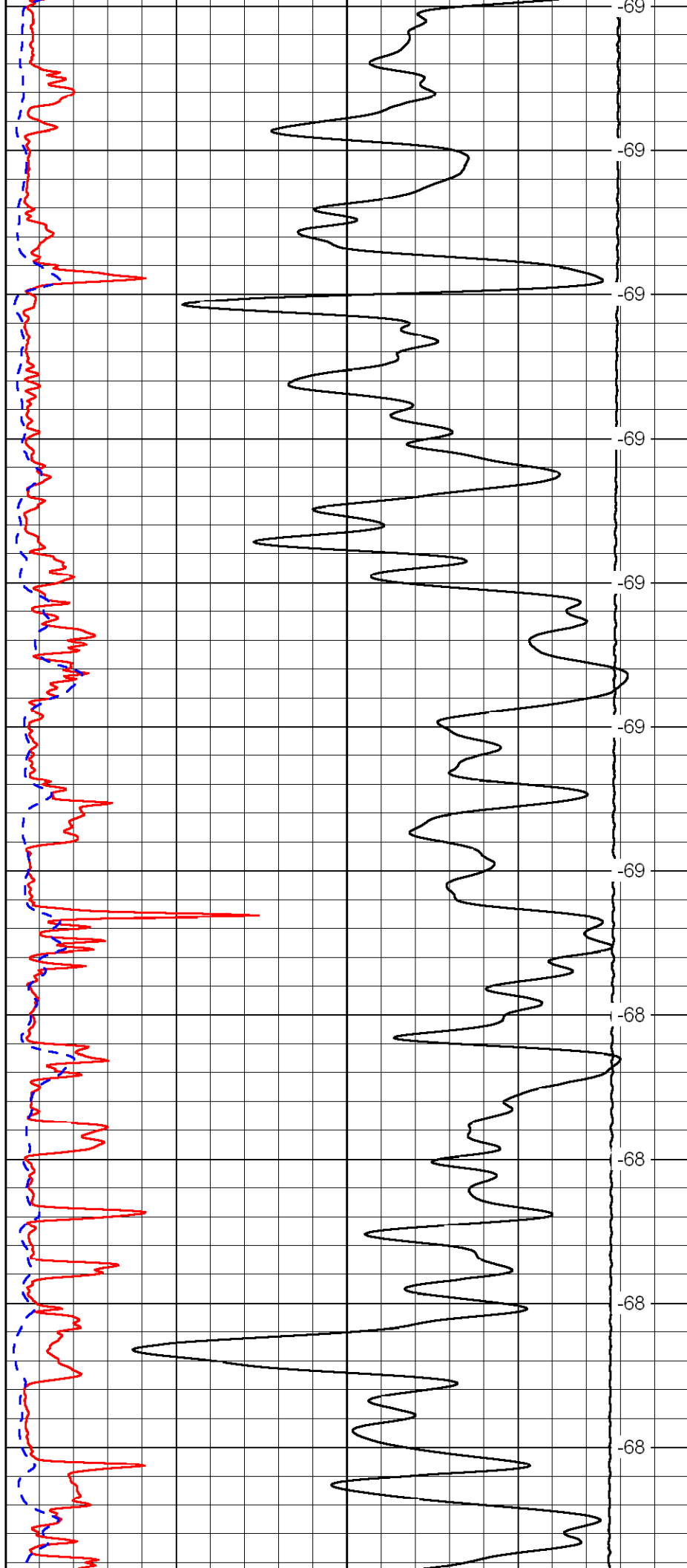




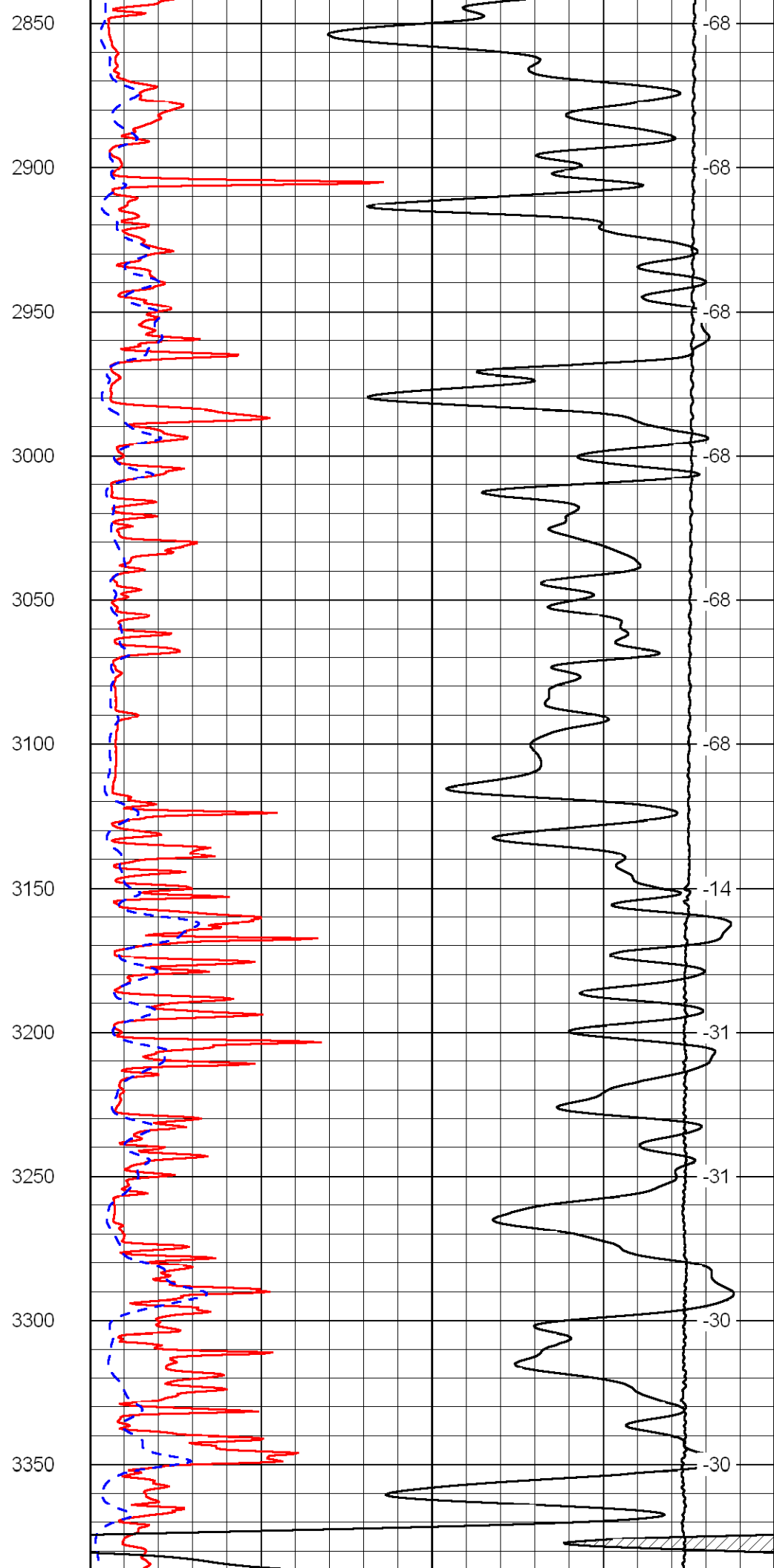
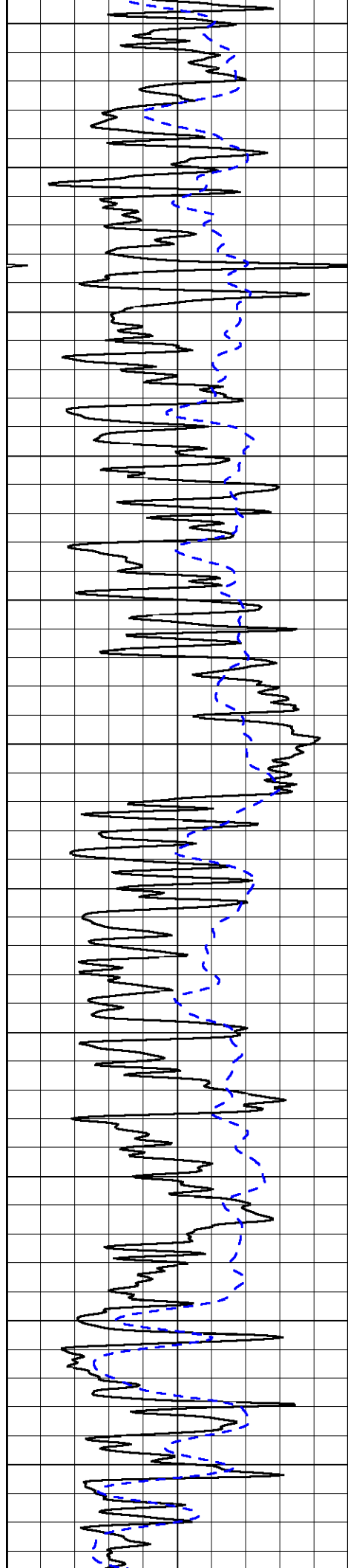


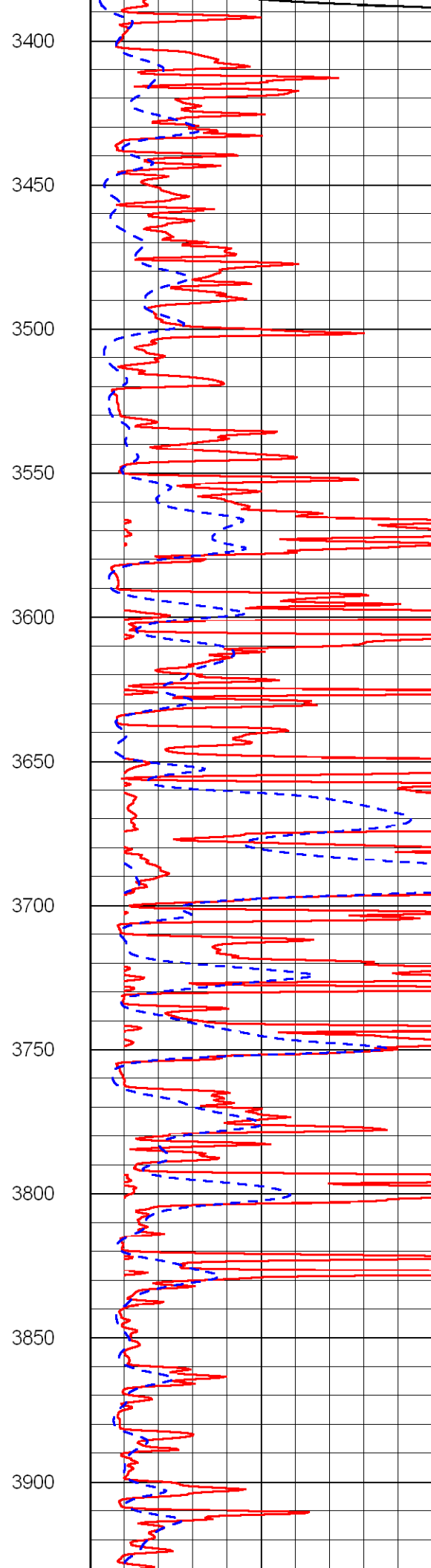
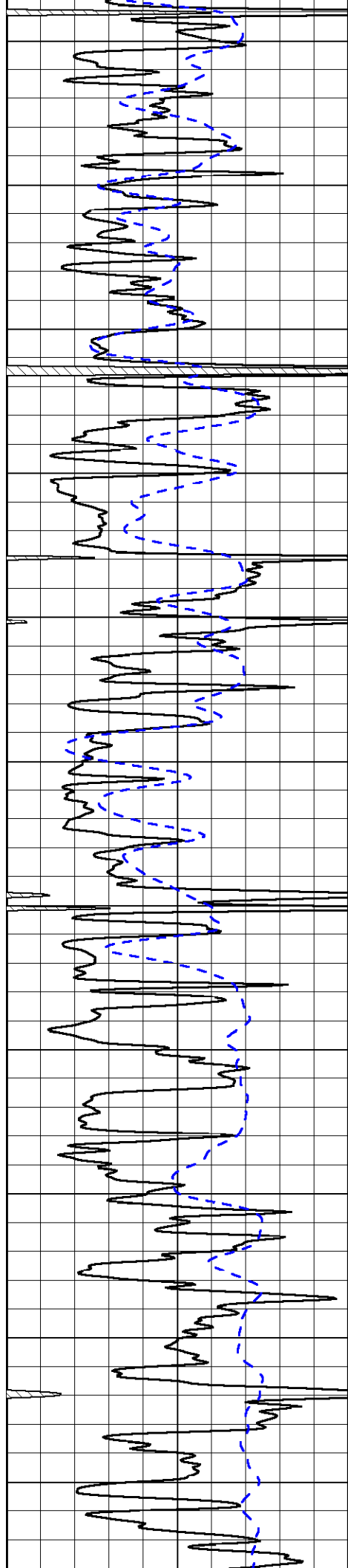


2300  
2350  
2400  
2450  
2500  
2550  
2600  
2650  
2700  
2750  
2800

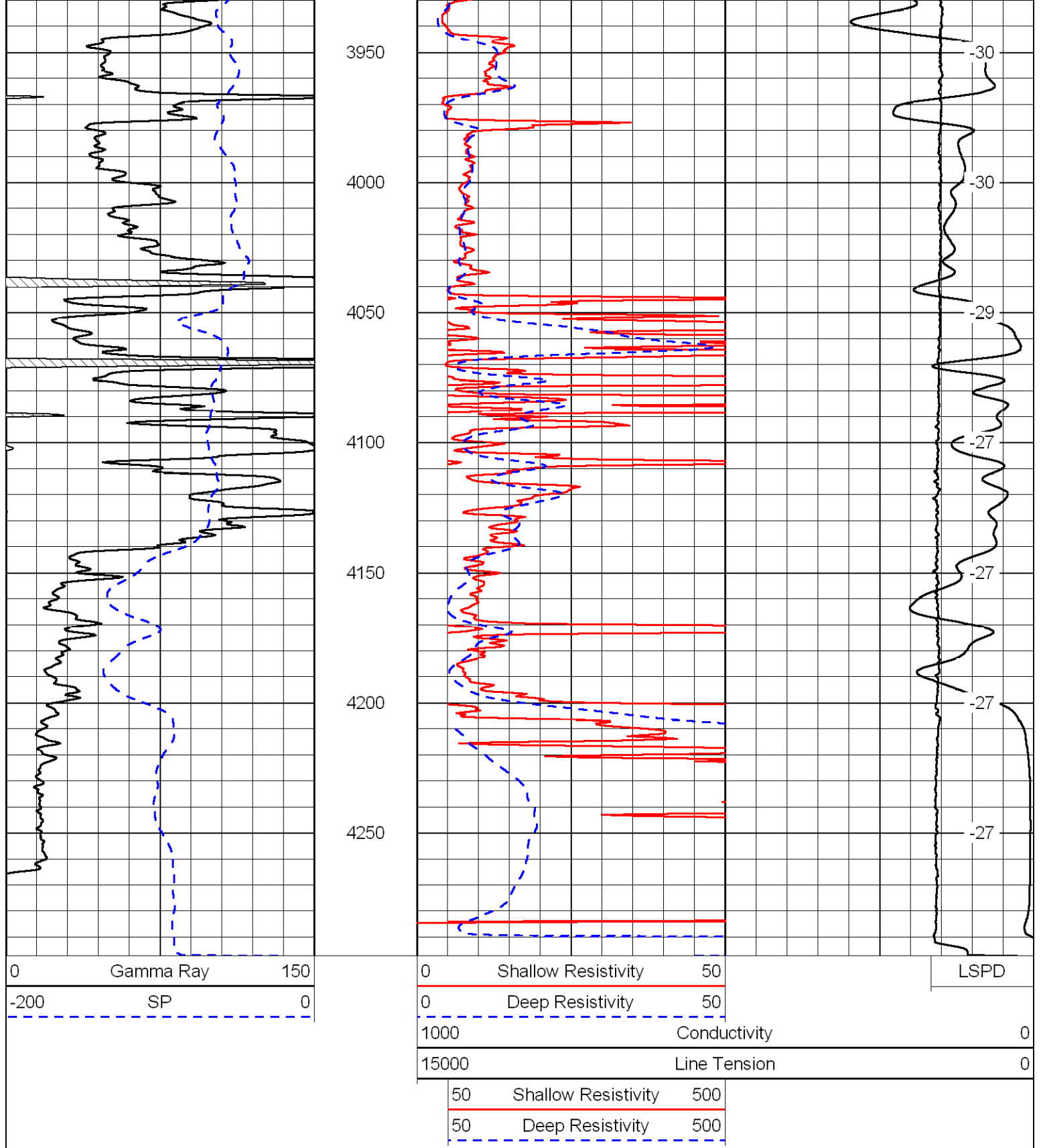


-69  
-69  
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-68  
-68



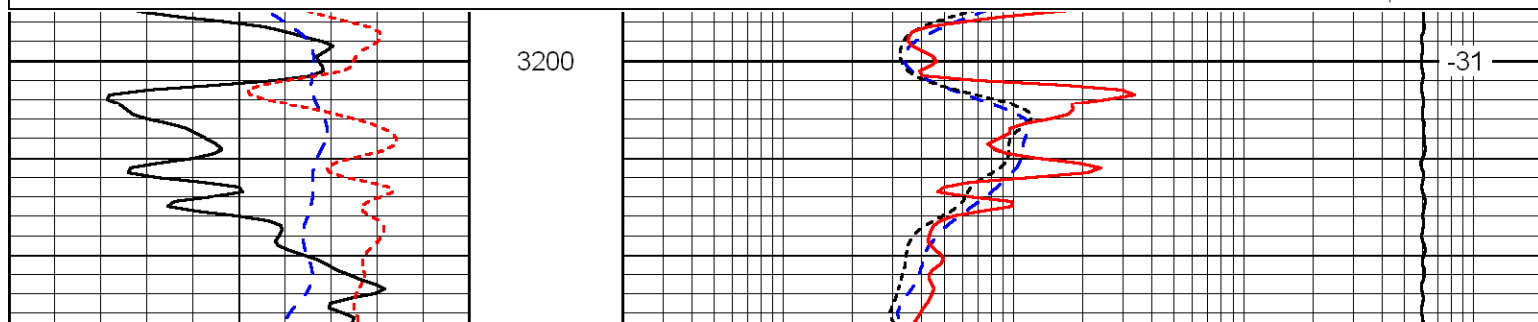
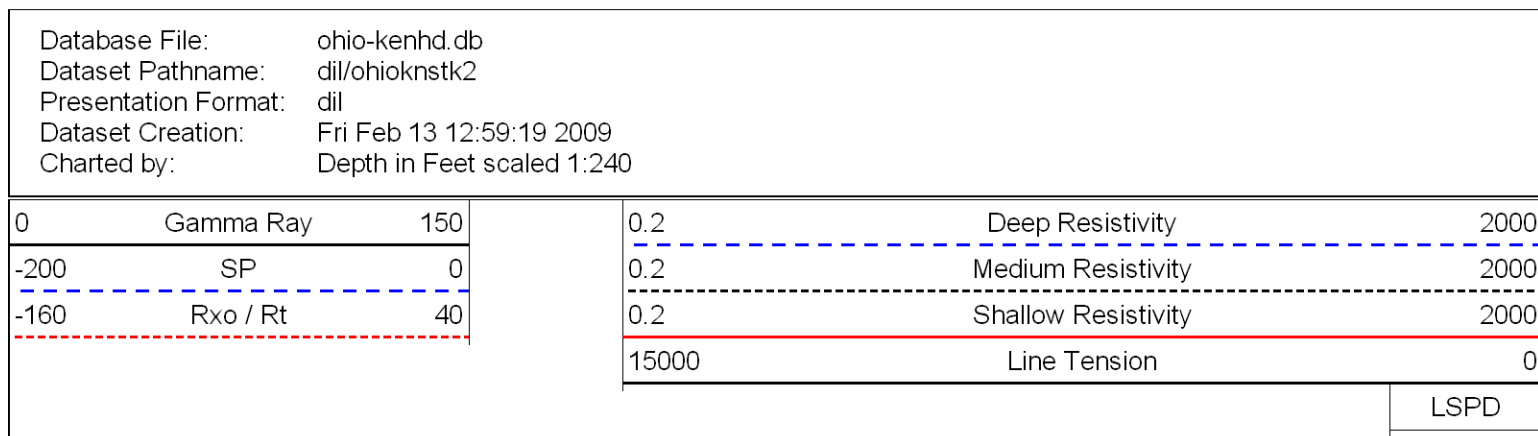
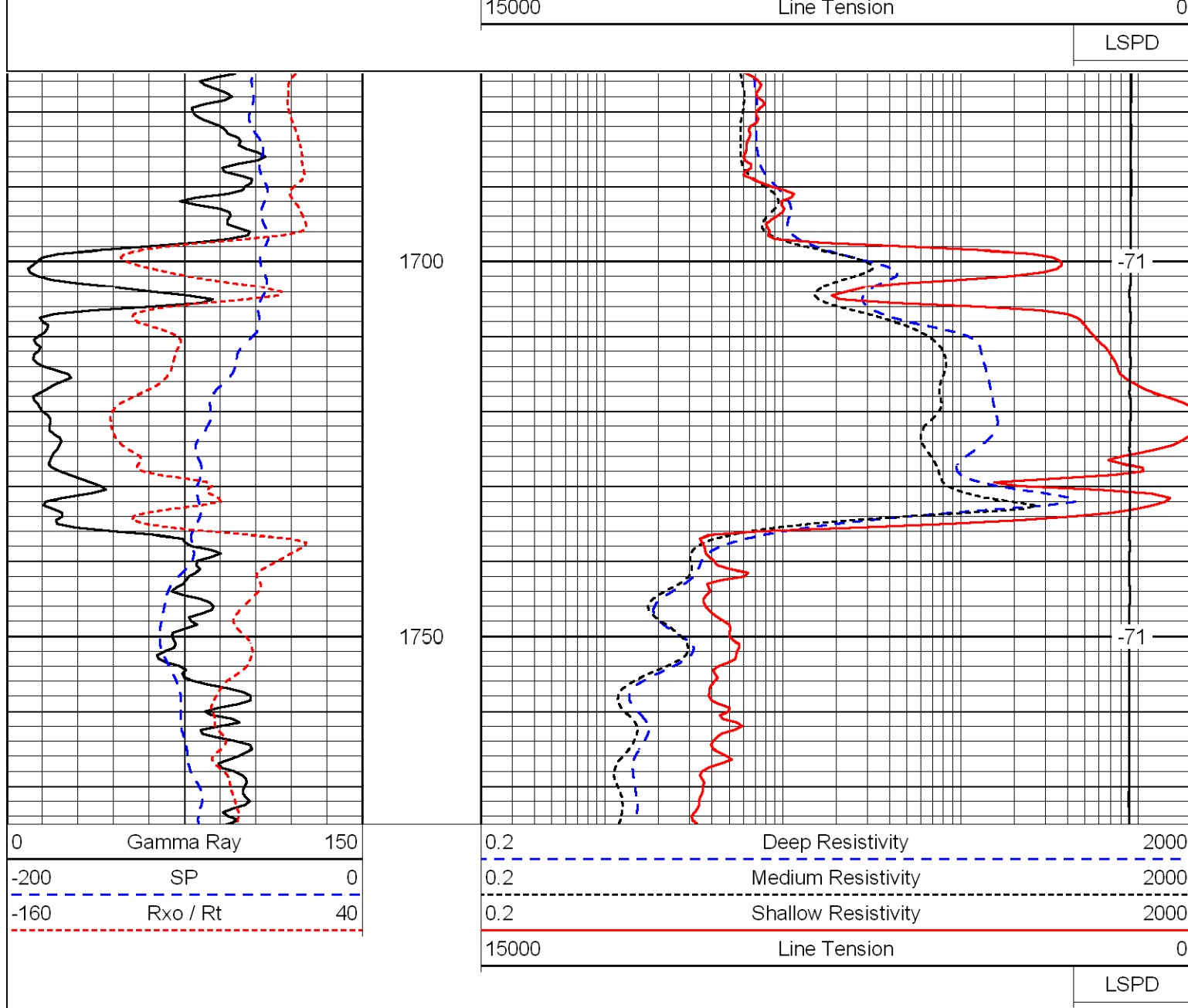


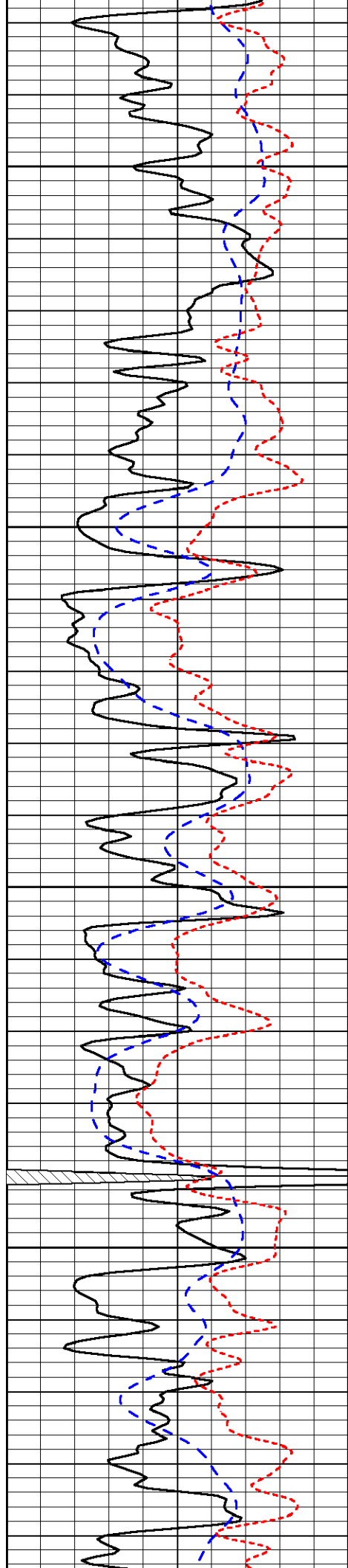




Database File: ohio-kenhd.db  
 Dataset Pathname: dil/ohioknstk2  
 Presentation Format: dil  
 Dataset Creation: Fri Feb 13 12:59:19 2009  
 Charted by: Depth in Feet scaled 1:240

|      |           |     |     |                     |      |
|------|-----------|-----|-----|---------------------|------|
| 0    | Gamma Ray | 150 | 0.2 | Deep Resistivity    | 2000 |
| -200 | SP        | 0   | 0.2 | Medium Resistivity  | 2000 |
| -160 | Rxo / Rt  | 40  | 0.2 | Shallow Resistivity | 2000 |



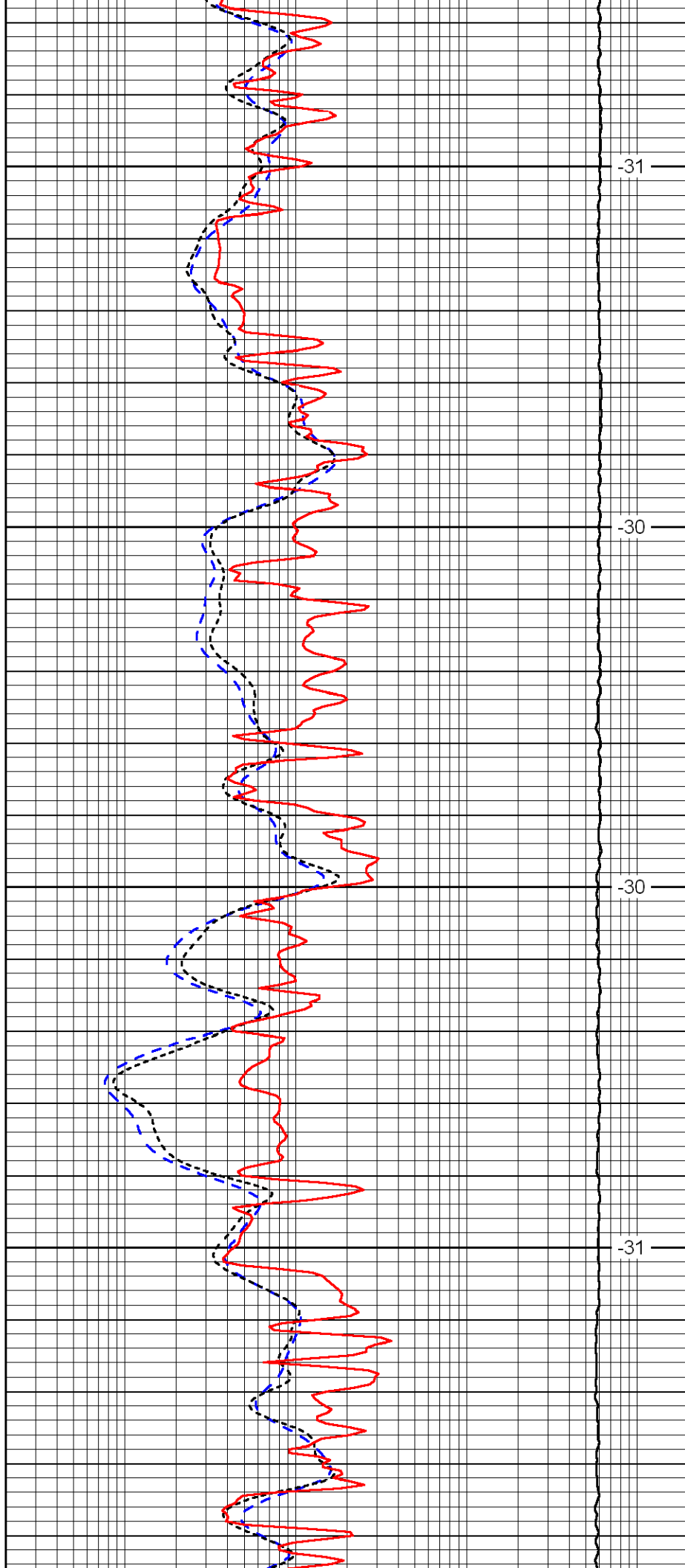


3250

3300

3350

3400

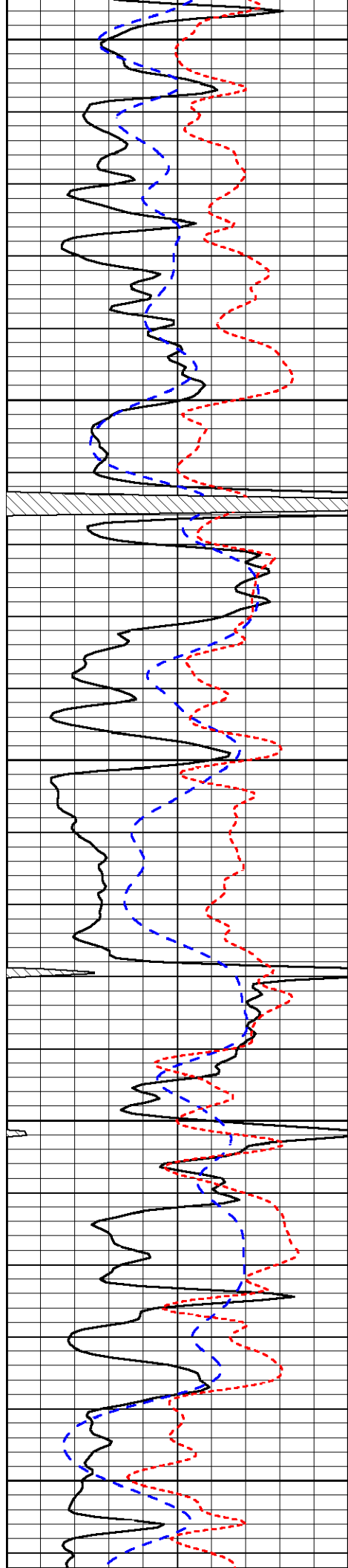


-31

-30

-30

-31



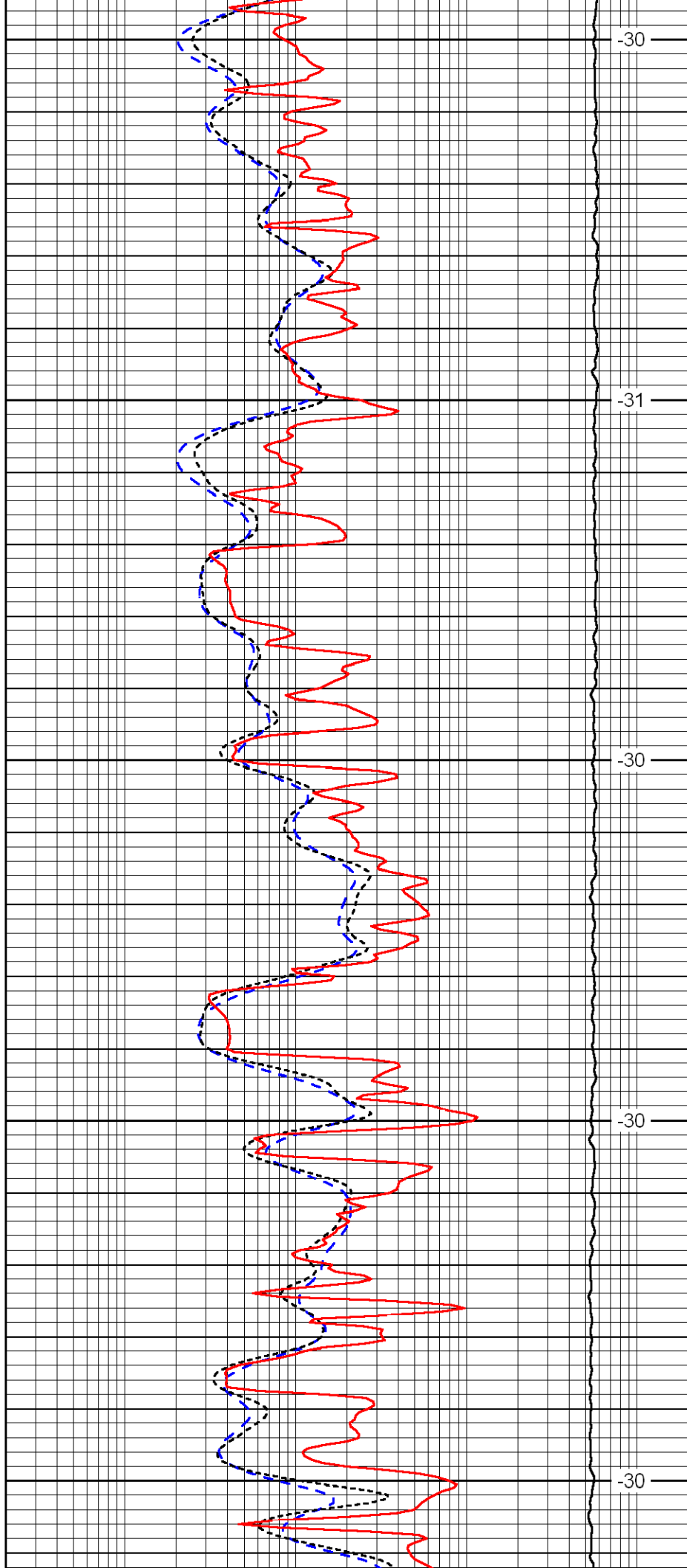
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3500

3550

3600

3650



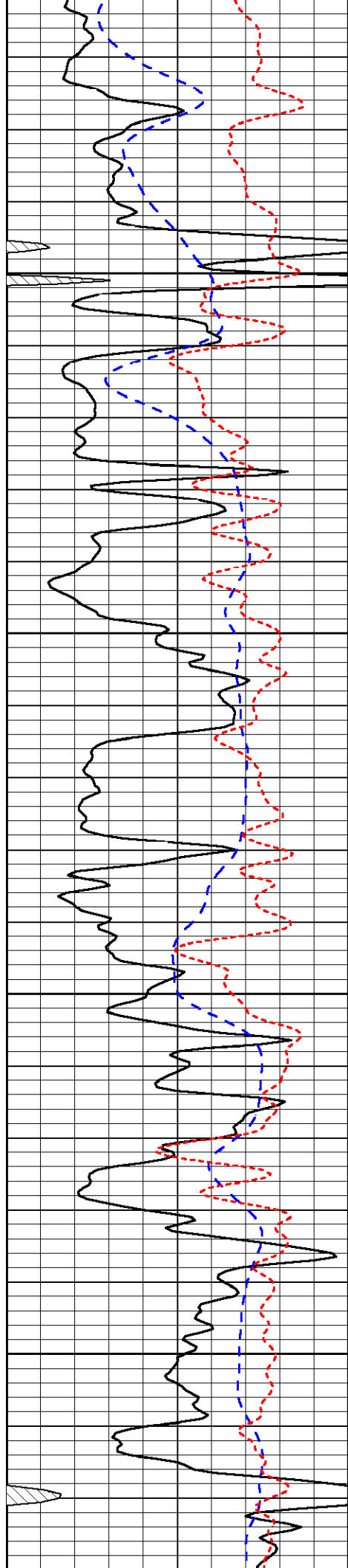
-30

-31

-30

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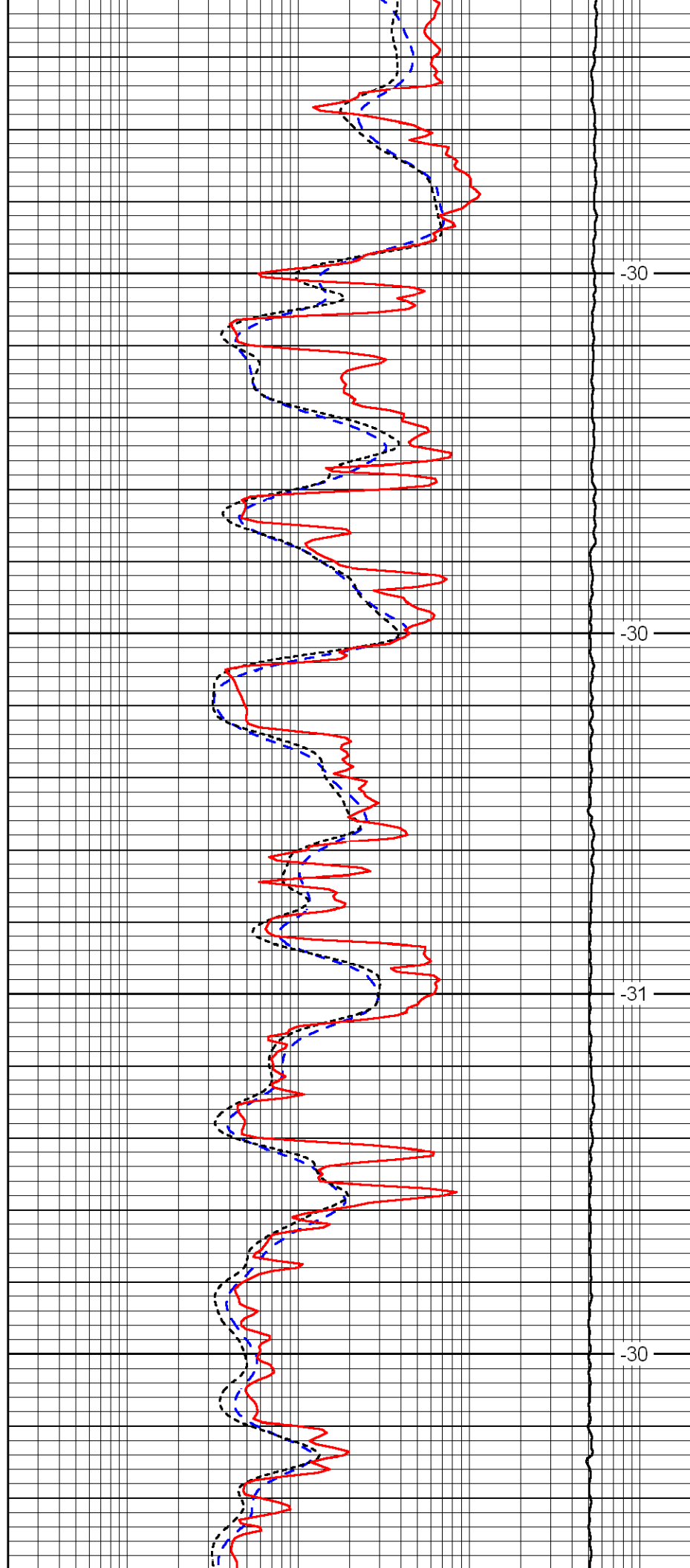


3700

3750

3800

3850

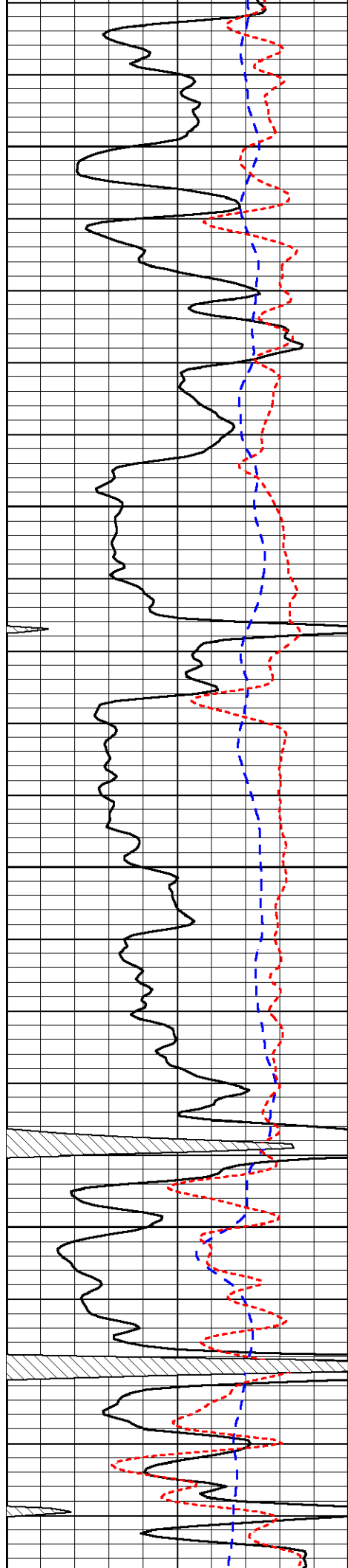


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-31

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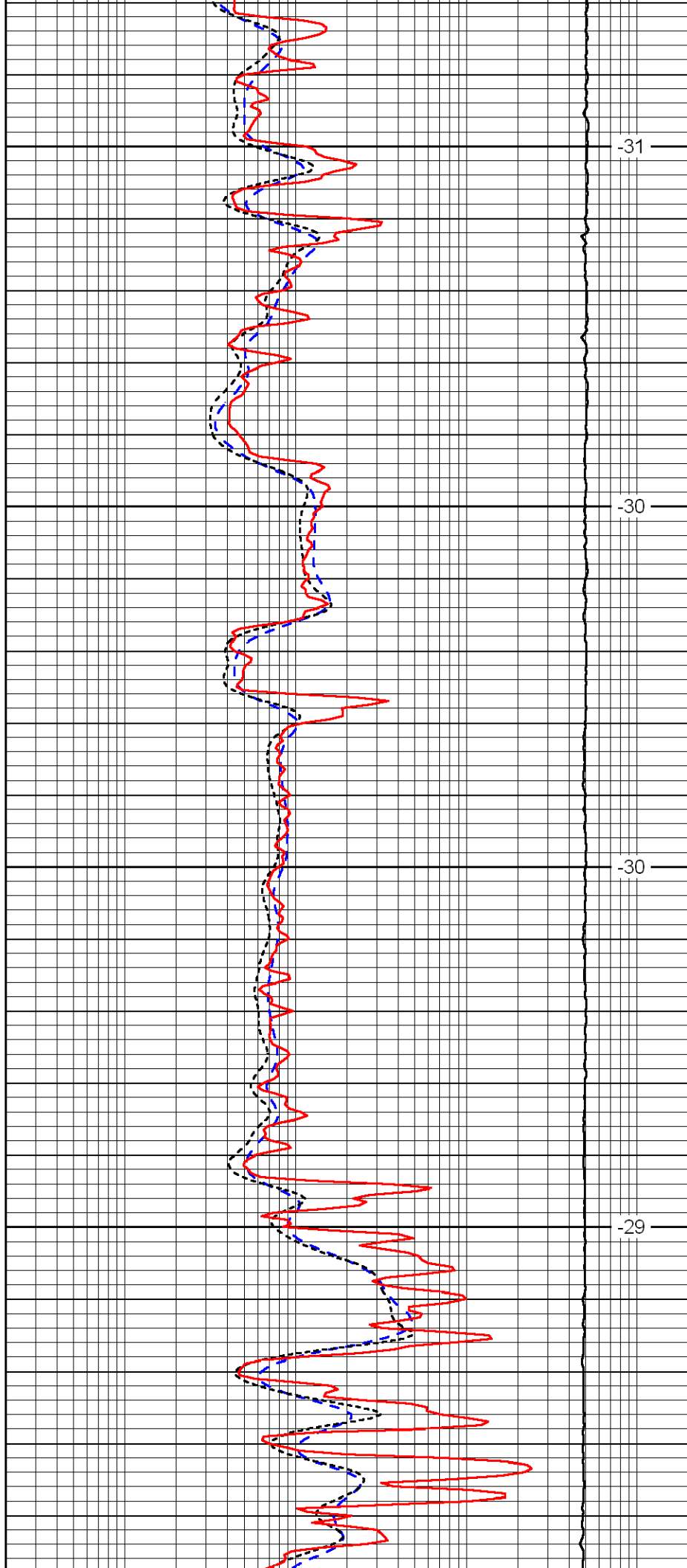


3900

3950

4000

4050

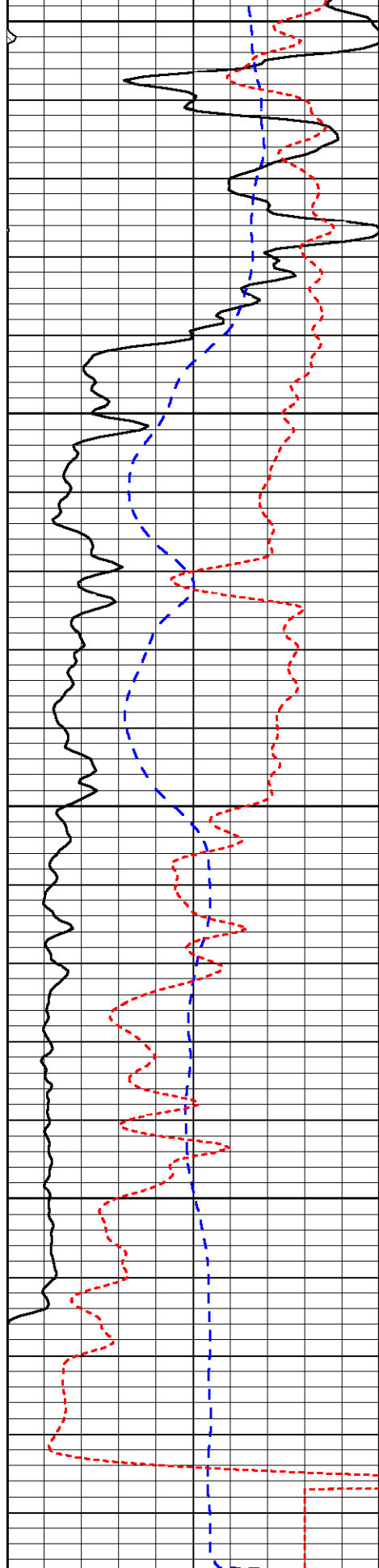


-31

-30

-30

-29



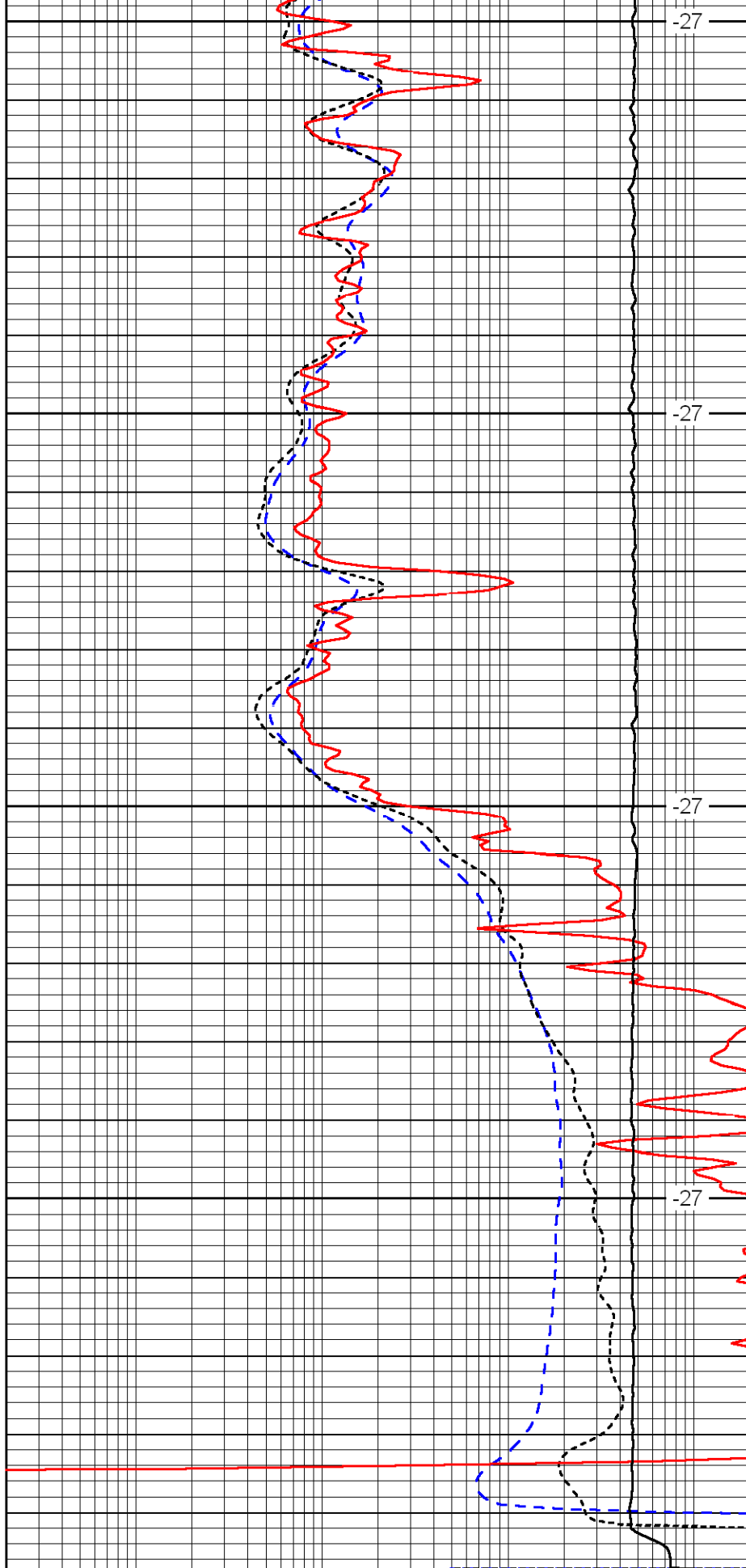
|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP        | 0   |
| -160 | Rxo / Rt  | 40  |

4100

4150

4200

4250



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

-27

-27

-27

-27

