

# LOG-TECH



## Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-065-23735-00-00

Company Flatirons Resources, LLC

Well Rush Trust #33-10A

Field Springbird East

County Graham State Kansas

Location

SE NW SE  
1890' FSL / 1700' FEL

Sec: 10 Twp: 6S Rge: 22W

Other Services  
CNL / CDL  
MEL / BHCS

Permanent Datum Ground Level Elevation 2254

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

Driiling Measured From Kelly Bushing K.B. 2261  
D.F. 2254  
G.L. 2254

Date 5/6/2011

Run Number One

Depth Driller 3731

Depth Logger 3734

Bottom Logged Interval 3733

Top Log Interval 250

Casing Driller 8.625 @ 258

Casing Logger 264

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 1000

Density / Viscosity 8.9 58

pH / Fluid Loss 11.0 6.4

Source of Sample Flowline

Rm @ Meas. Temp 1.80 @ 60

Rmf @ Meas. Temp 1.35 @ 60

Rmc @ Meas. Temp 2.43 @ 60

Source of Rmf / Rmc Charts

Rm @ BHT 0.95 @ 113

Operating Rig Time 5 Hours

Max Rec. Temp. F 113

Equipment Number 15

Location Hays

Recorded By R. Barnhart

Witnessed By Roger Moses

<<< Fold Here >>>

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

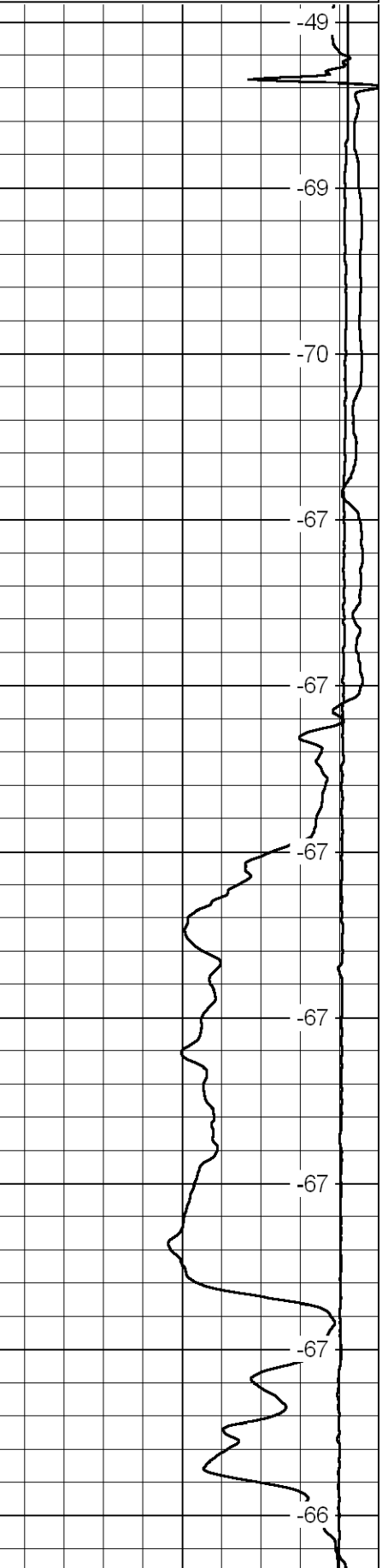
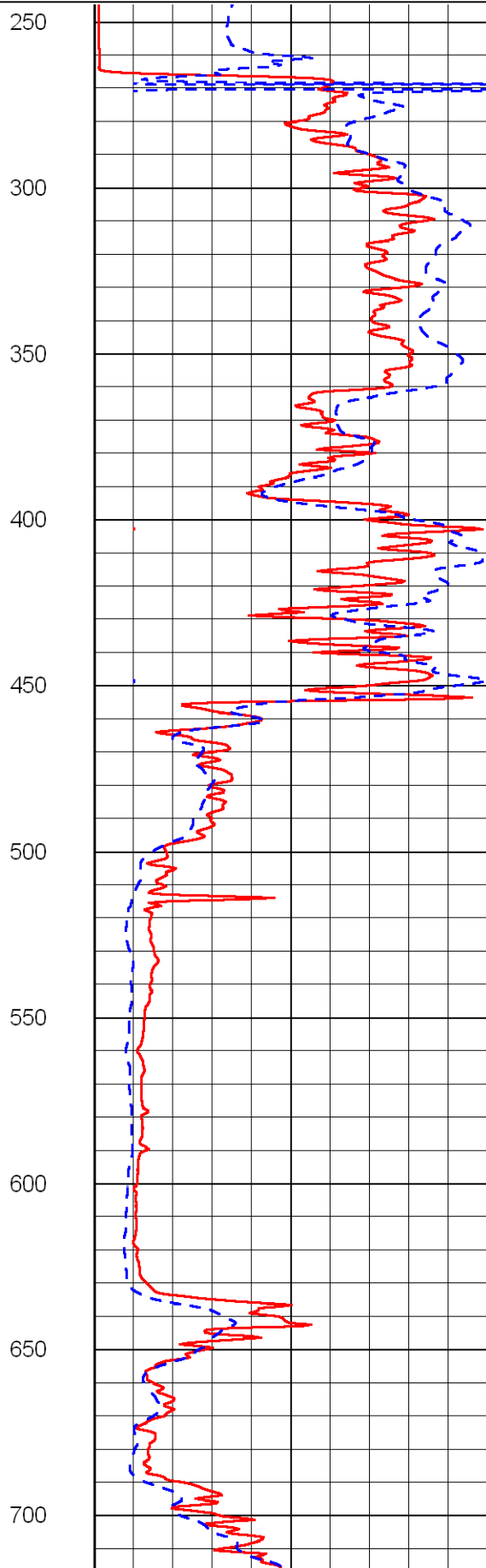
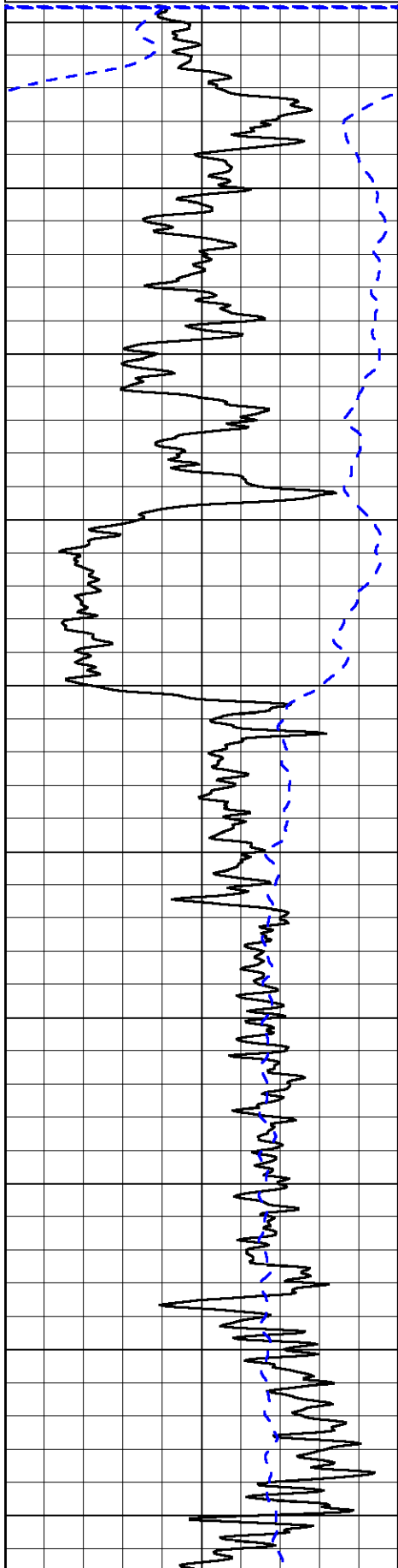
Hill City, KS:  
N to DD Rd, 7E, S into

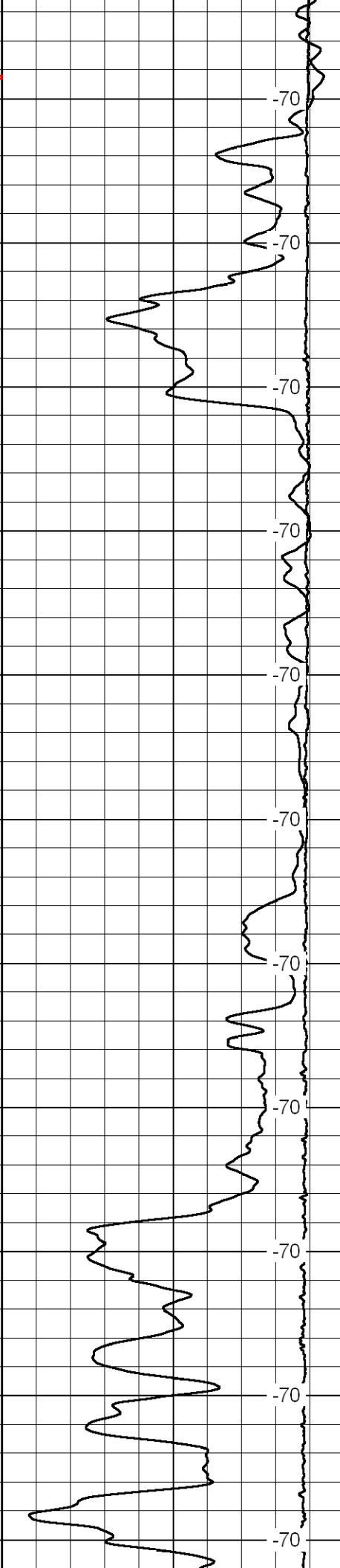
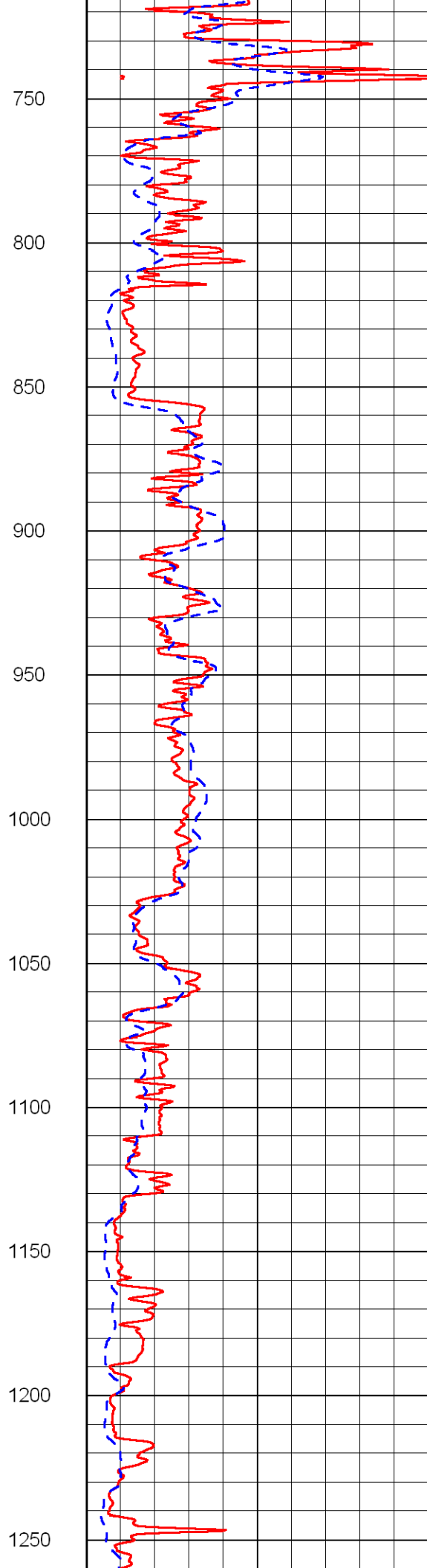
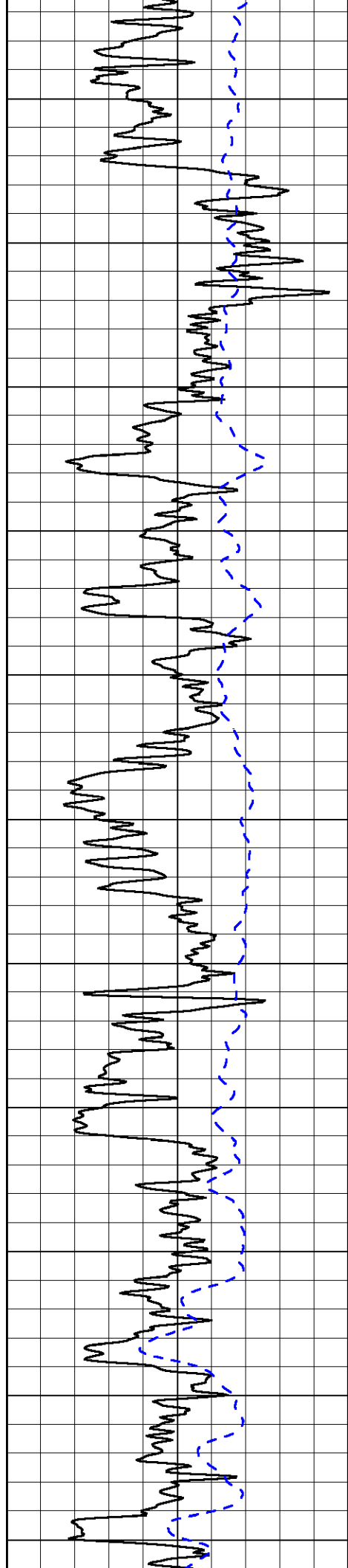
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Dataset Creation: Fri May 06 09:20:11 2011  
Charted by: Depth in Feet scaled 1:600

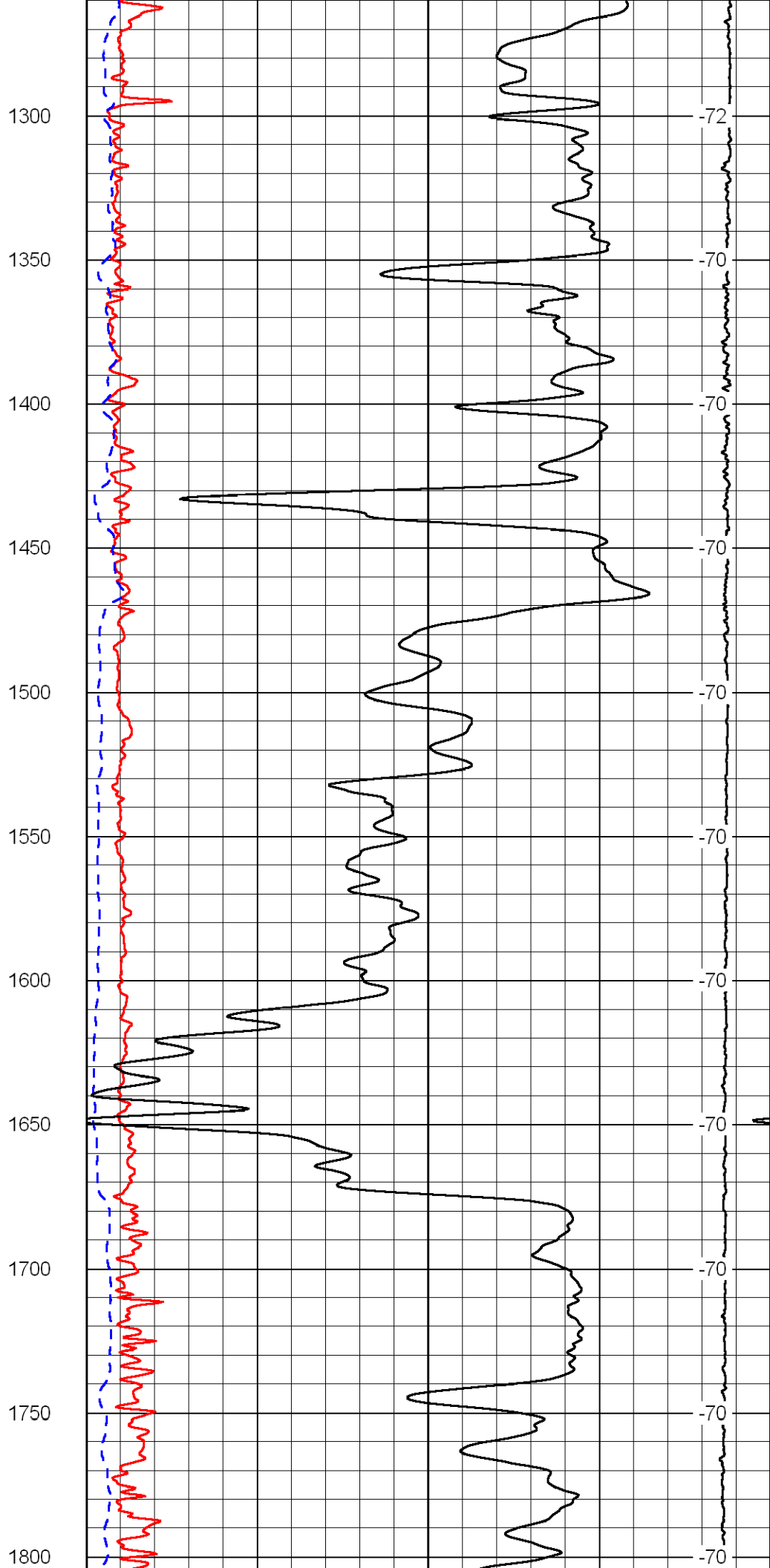
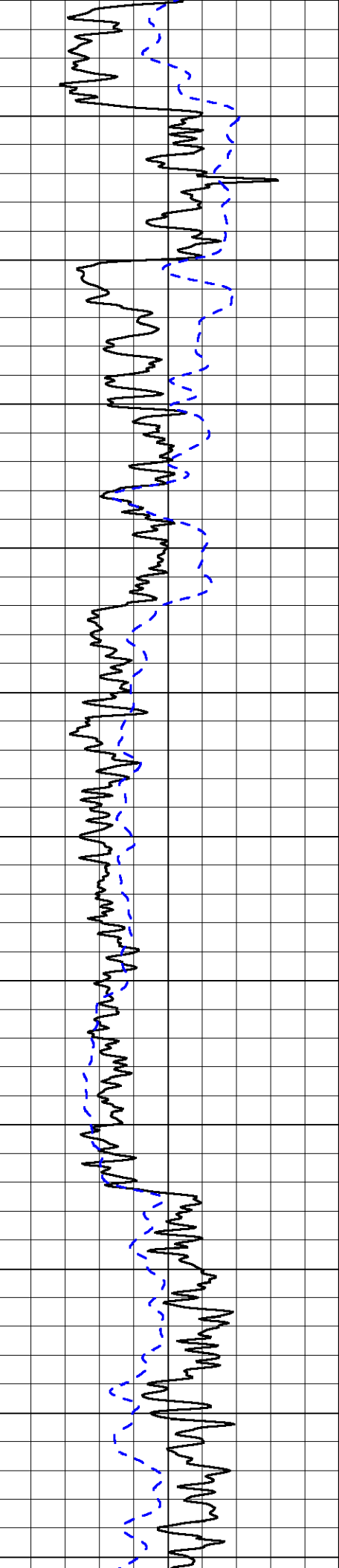
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| -200 | SP        | 0   |

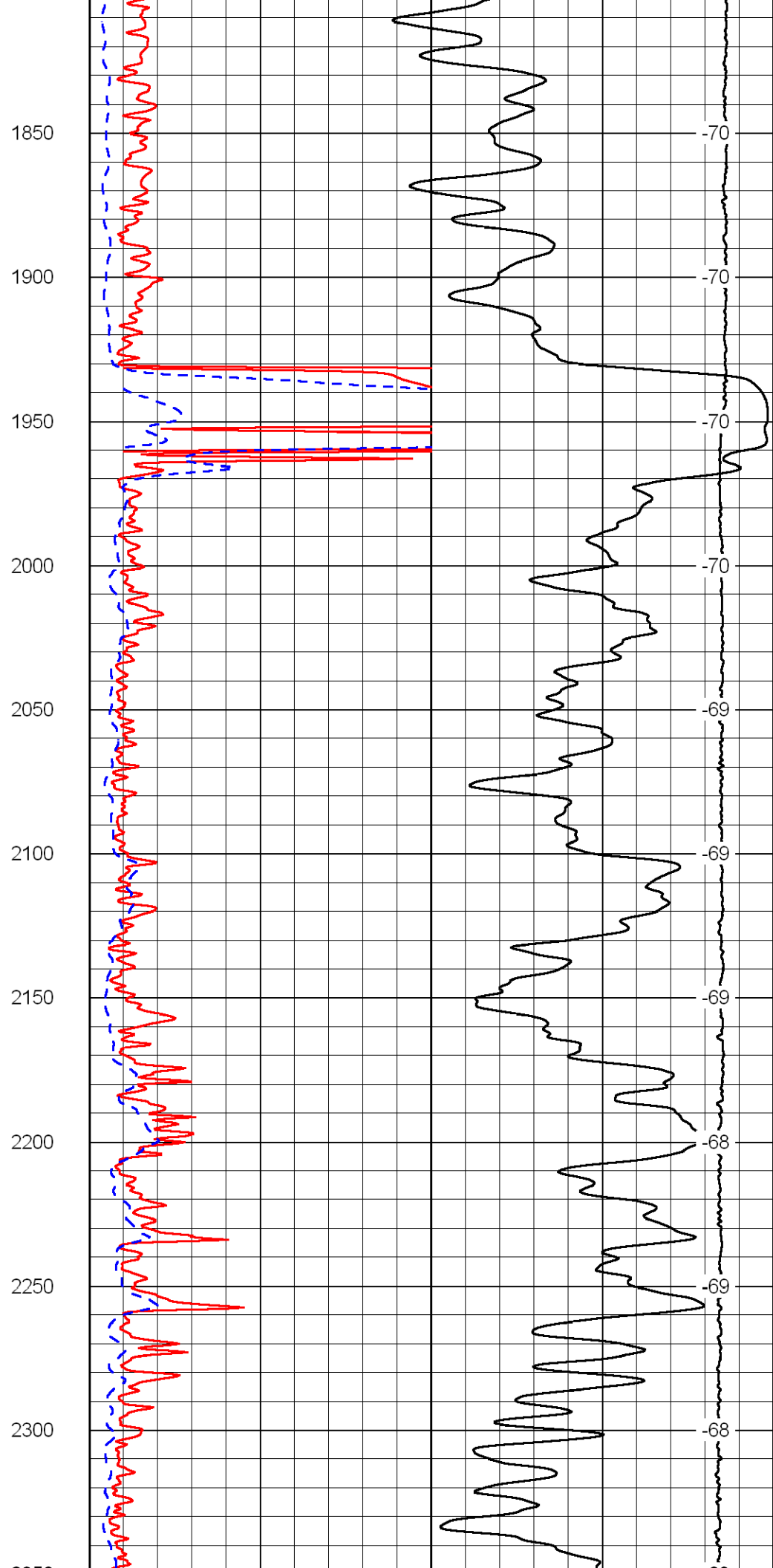
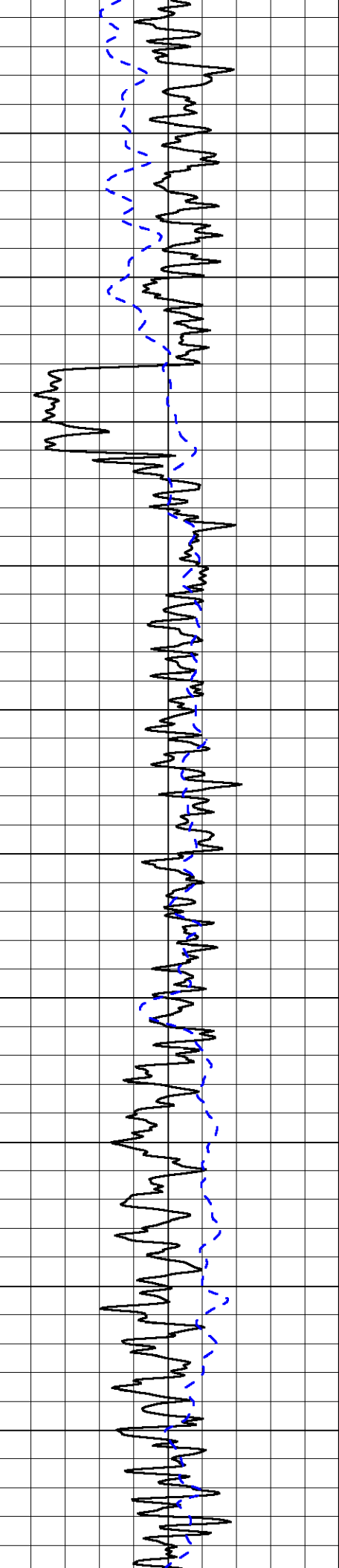
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|-------|---------------------|-----|
| 0     | Shallow Resistivity | 50  |
| 0     | Deep Resistivity    | 50  |
| 1000  | Conductivity        | 0   |
| 15000 | Line Tension        | 0   |
| 50    | Shallow Resistivity | 500 |
| 50    | Deep Resistivity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

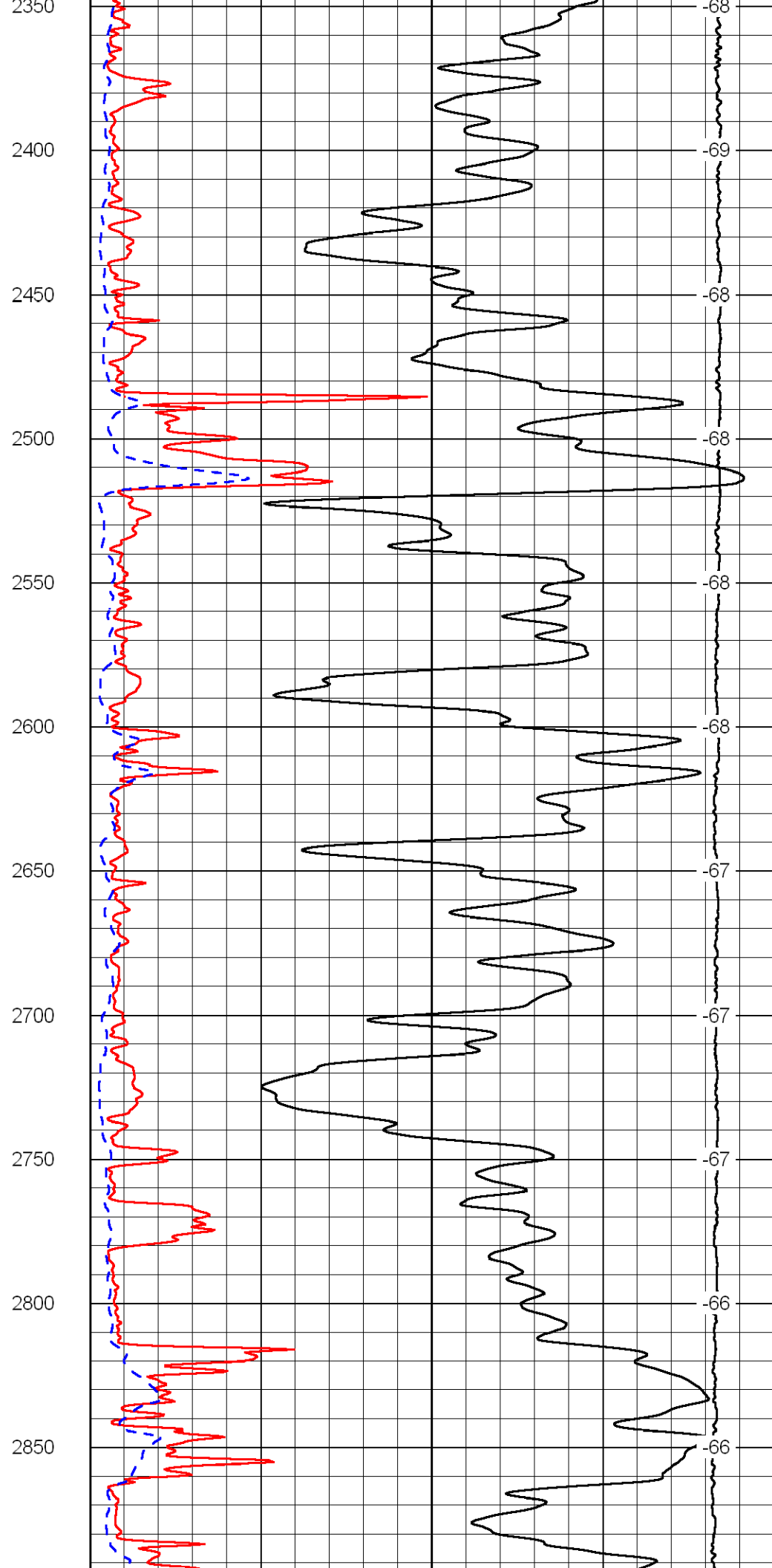
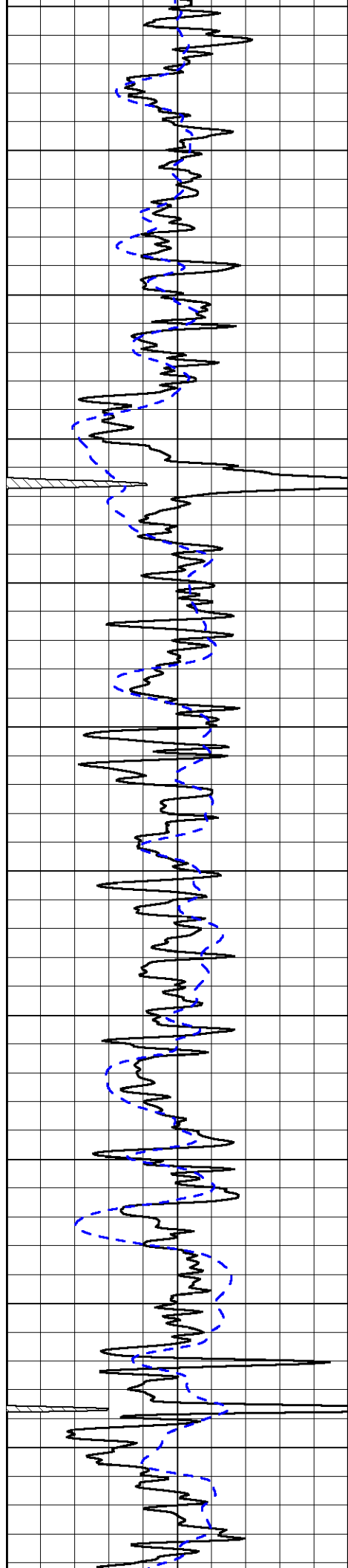
LSPD

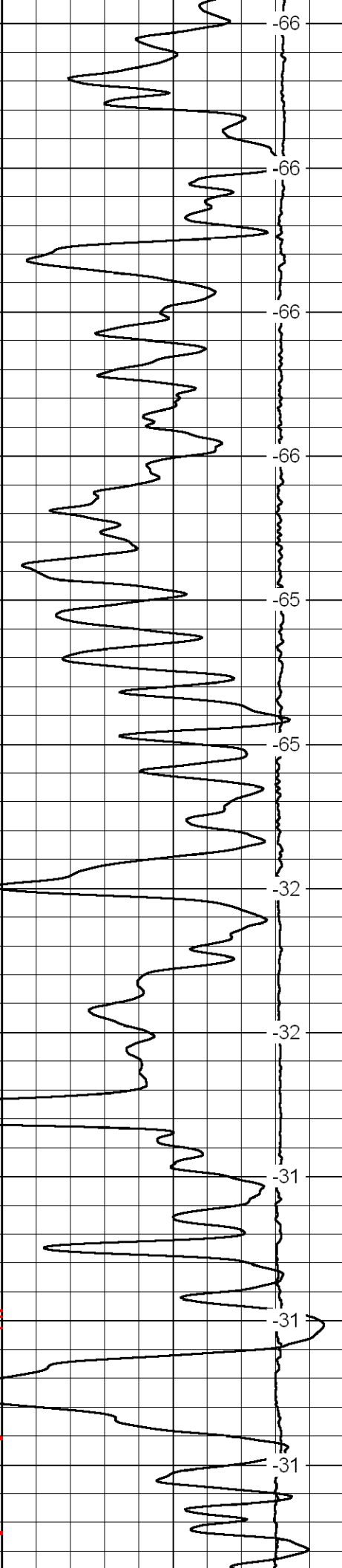
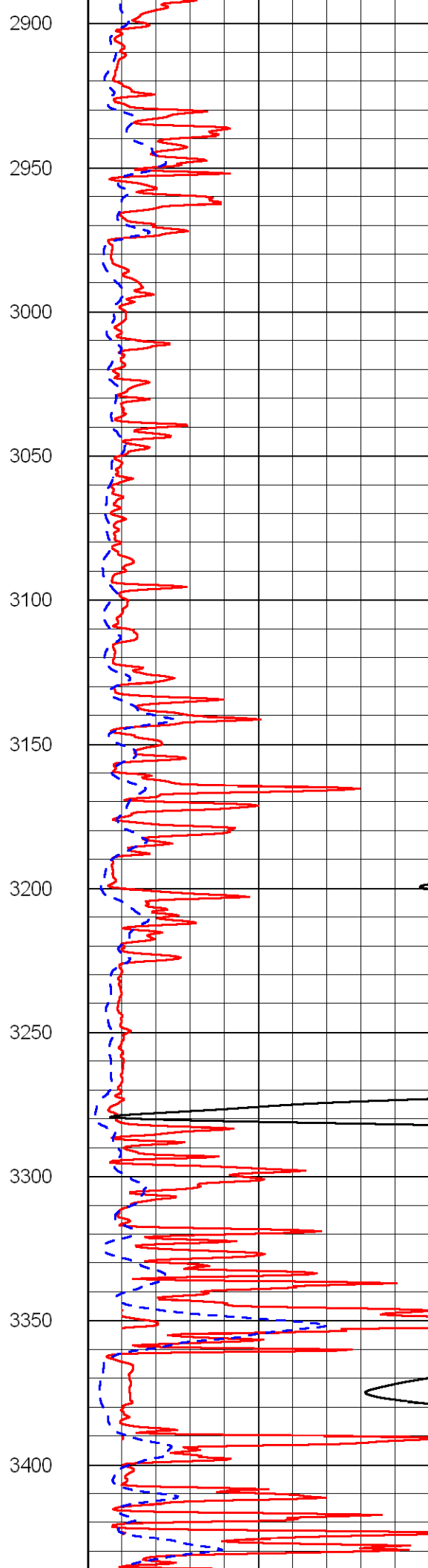
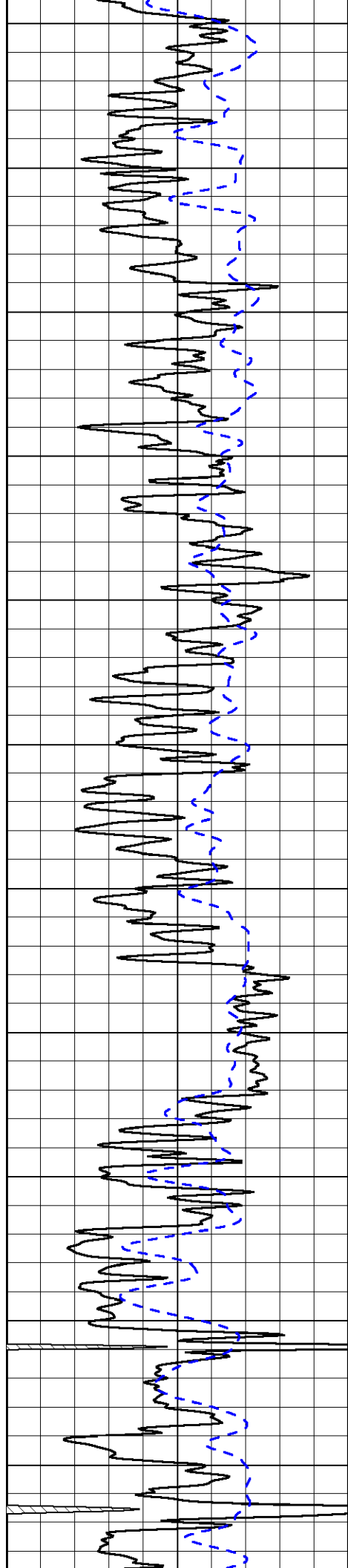


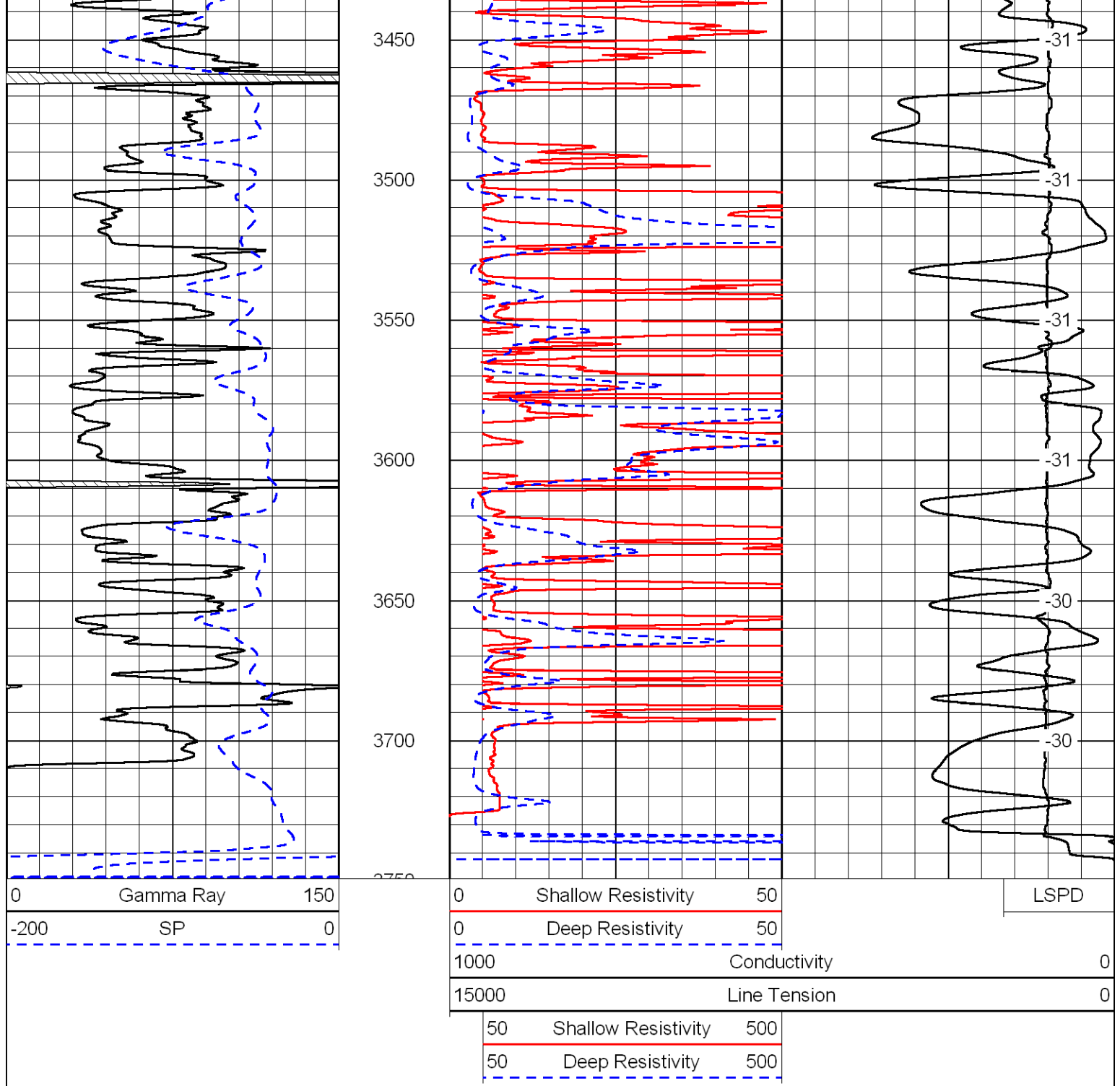




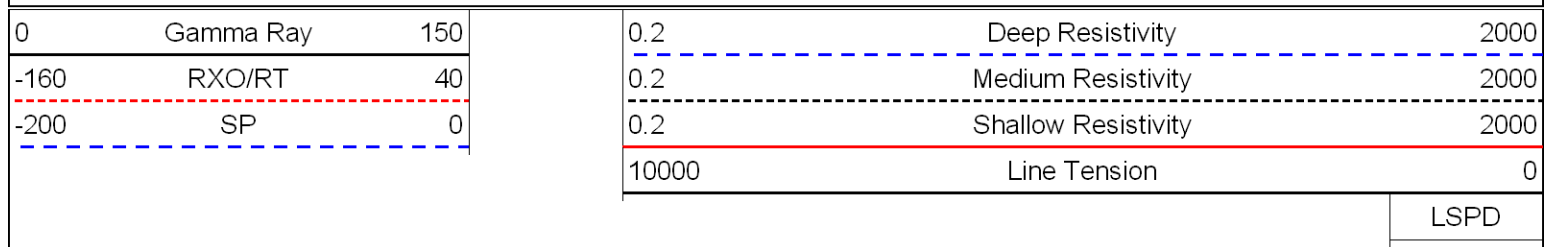


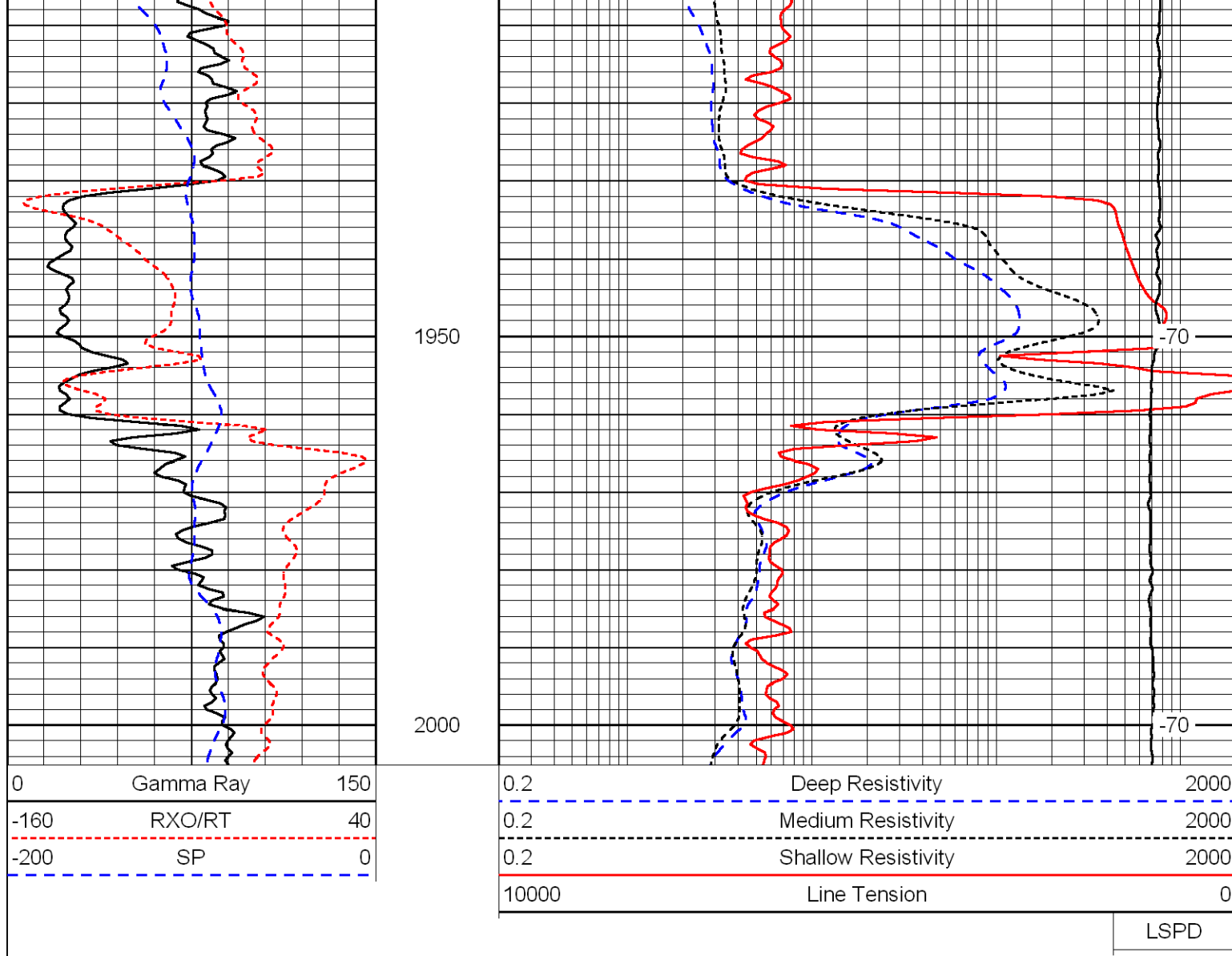




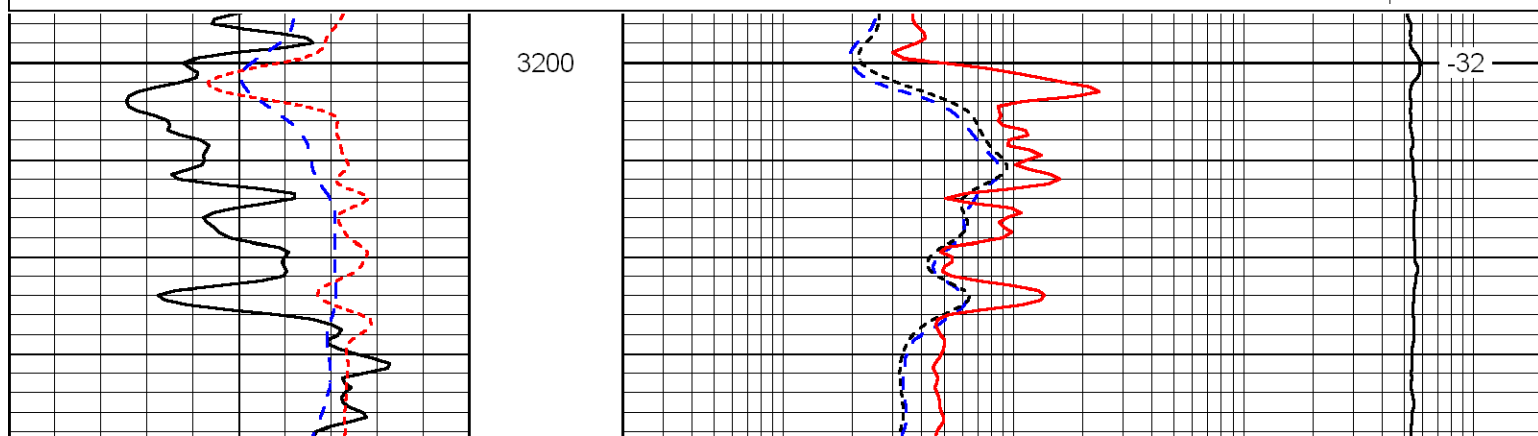
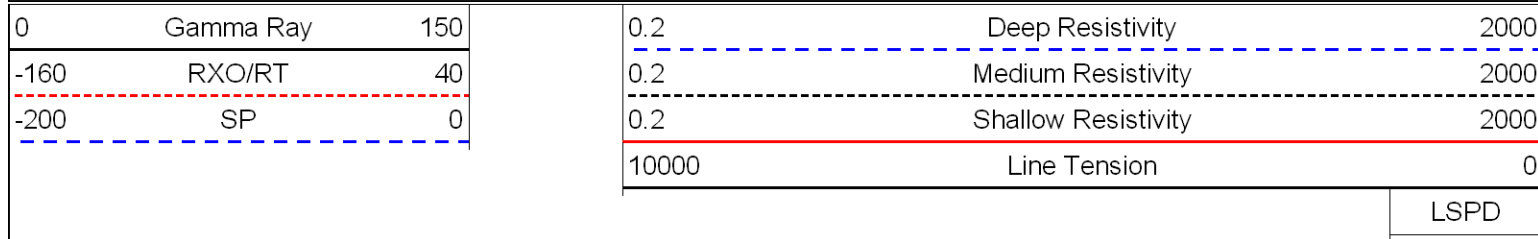


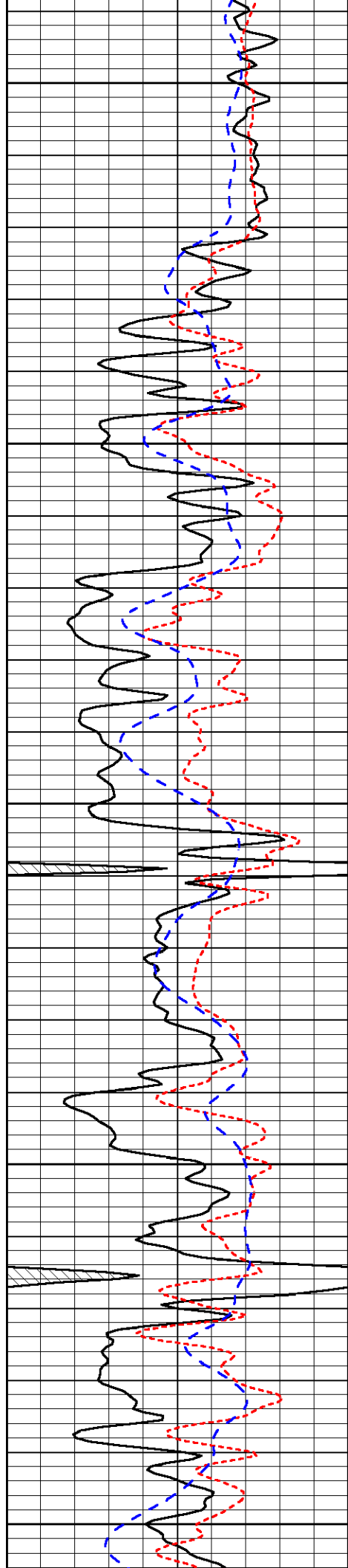
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 Charted by: Depth in Feet scaled 1:240





Database File: flatd.db  
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 Presentation Format: dil  
 Dataset Creation: Fri May 06 09:20:11 2011  
 Charted by: Depth in Feet scaled 1:240





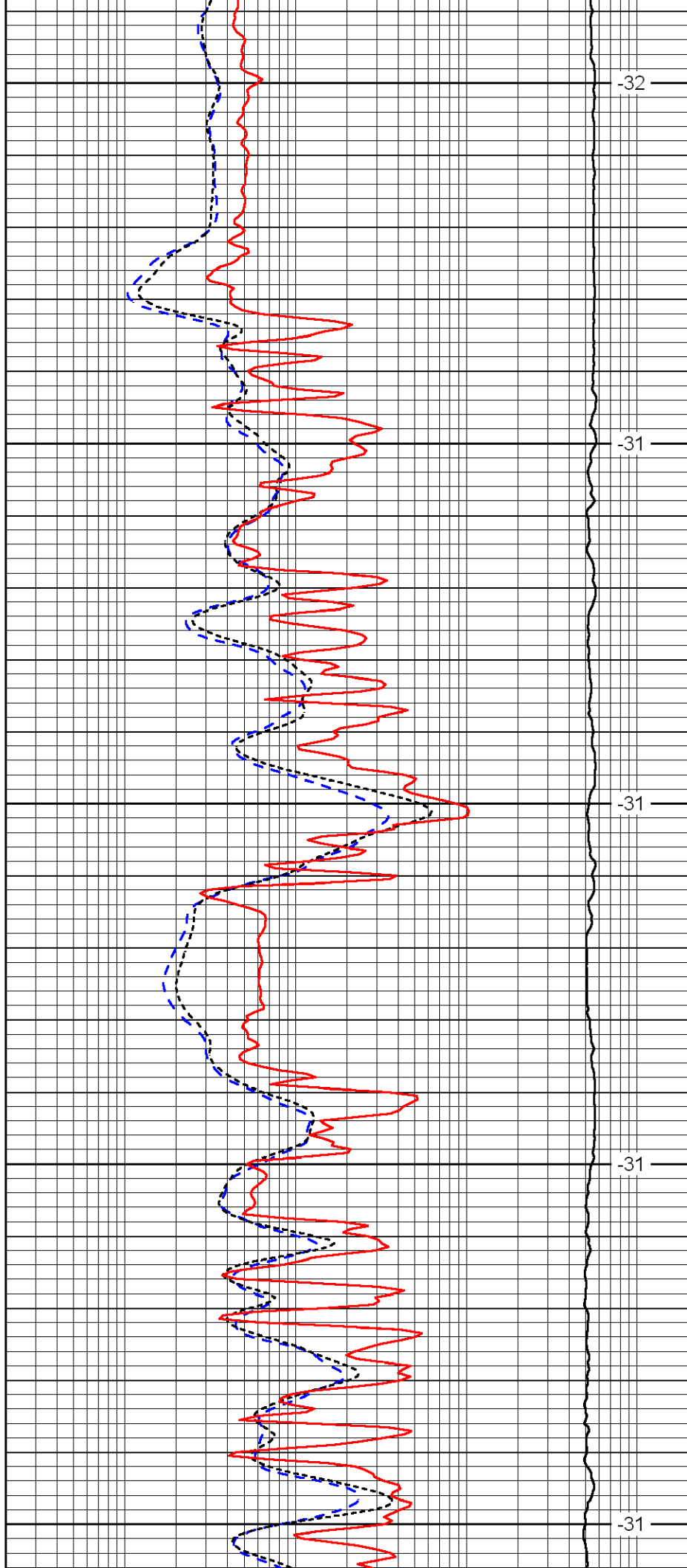
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3300

3350

3400

3450



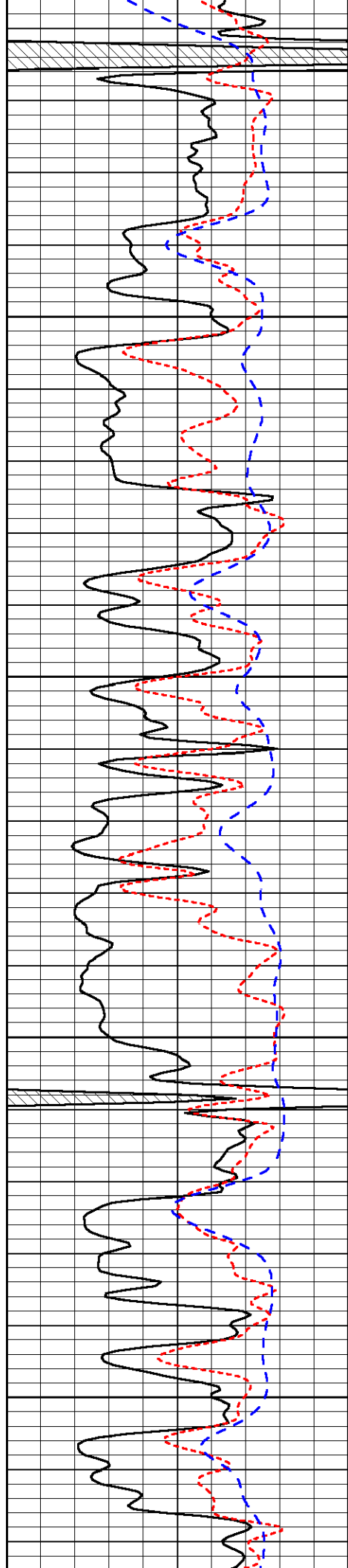
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-31

-31

-31

-31

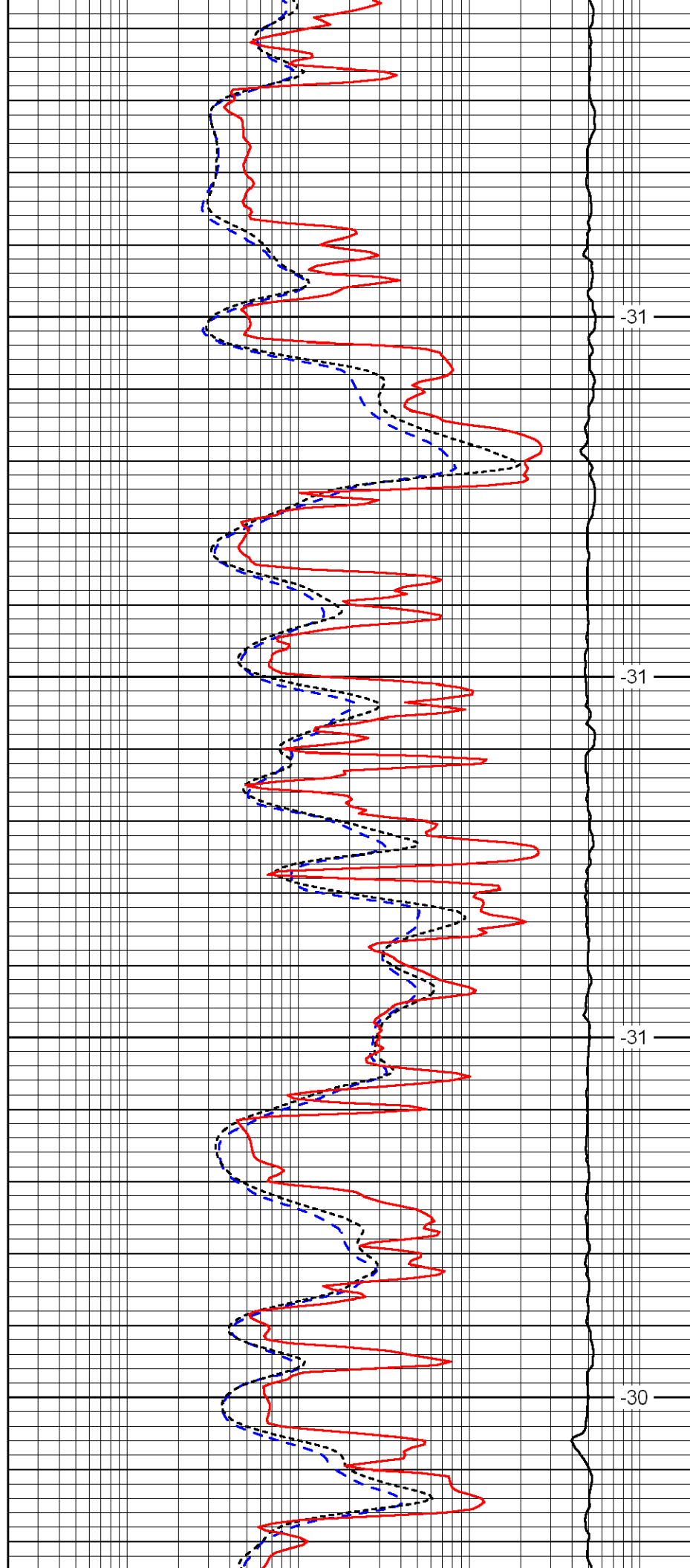


3500

3550

3600

3650

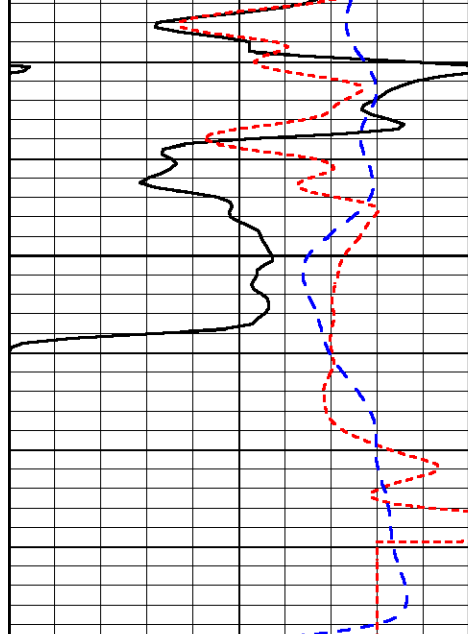


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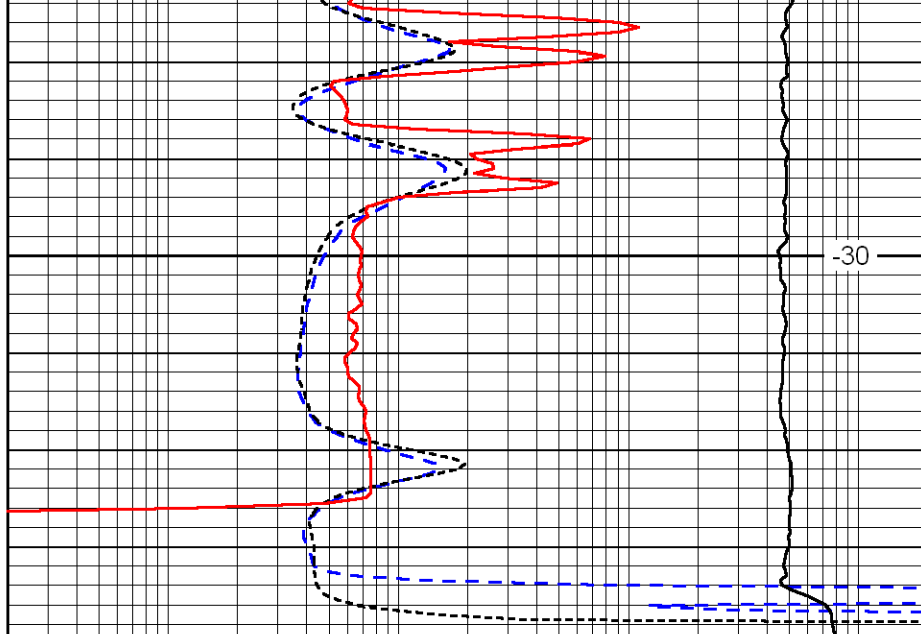
-31

-30



3700

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



-30

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

LSPD