

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-163-23,836-00-00

Company **Landmark Resources, Inc.**

Well **Hammerschmidt No.1-11**

Field **Vohs**

County **Rooks**

State

Kansas

Location

1650' FSL & 1980' FEL

Sec: **11**

Twp: **10S**

Rge: **19W**

Permanent Datum

Elevation 2095

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

Other Services
CNL/CDL
MEL
Elevation
K.B. 2100
D.F. 2095
G.L. 2095

Date

12/11/2009

Run Number

One

Depth Driller

3670

Depth Logger

3669

Bottom Logged Interval

3668

Top Log Interval

300

Casing Driller

8.625 @ 316

Casing Logger

316

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5.300

Density / Viscosity

9.3

50

pH / Fluid Loss

8.5

8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.7 @ 55

Rmf @ Meas. Temp

.53 @ 55

Rmc @ Meas. Temp

.95 @ 55

Source of Rmf / Rmc

Charts

Rm @ BHT

.34 @ 115

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

115

Equipment Number

17

Location

Hays

Recorded By

C. Desaire

Witnessed By

Paul Gunzelman

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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

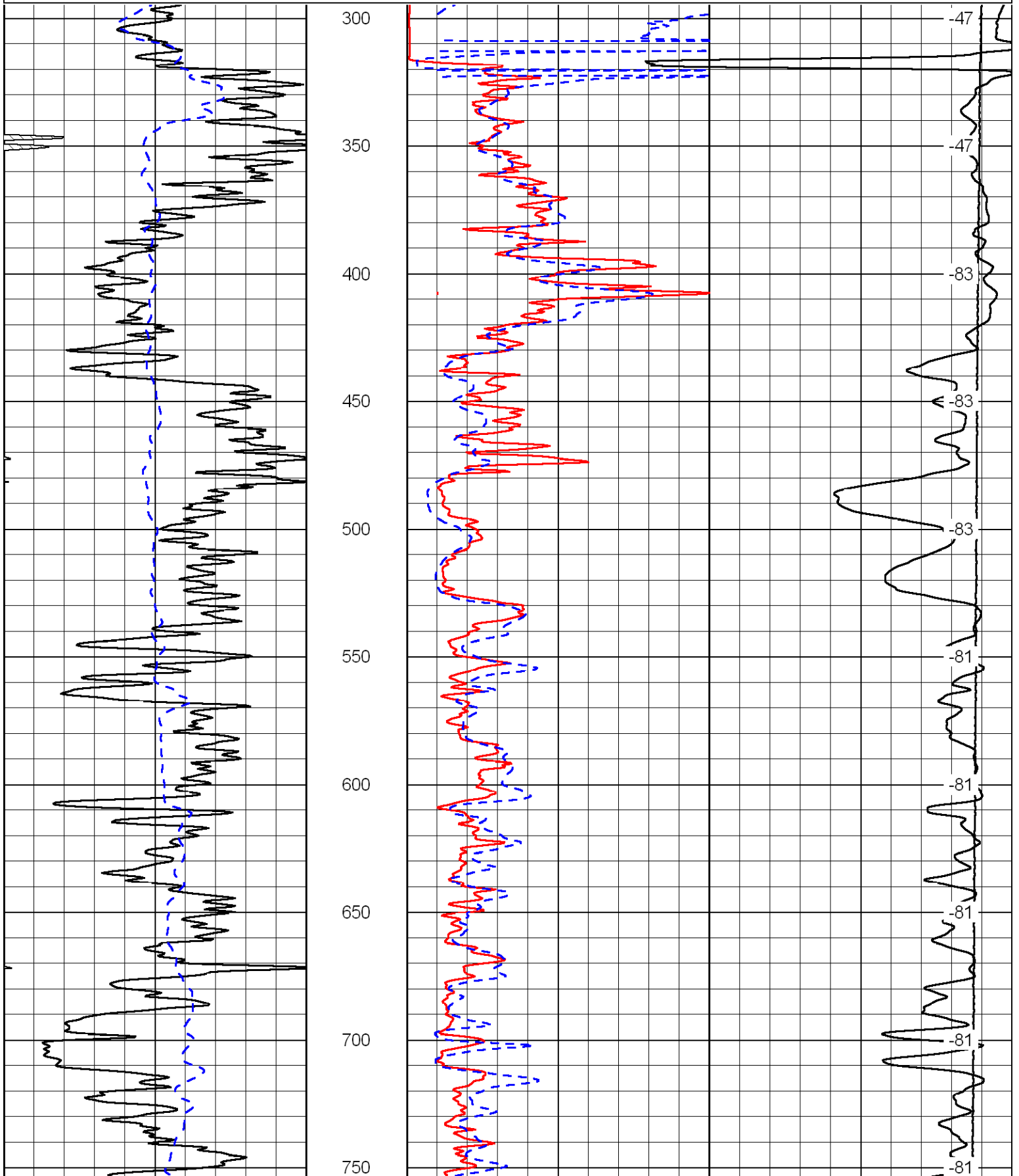
Thank you for using Log-Tech, Inc.
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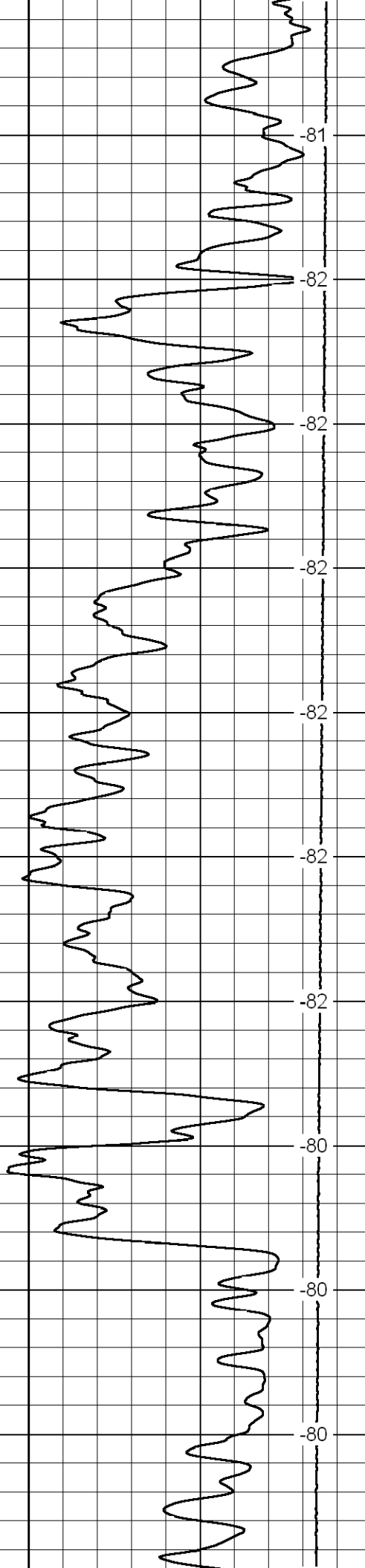
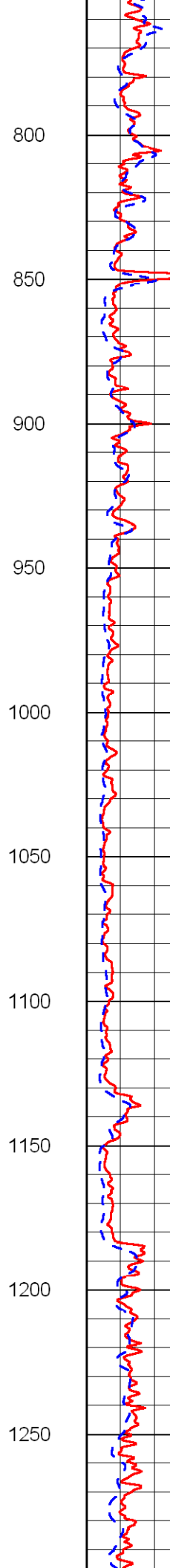
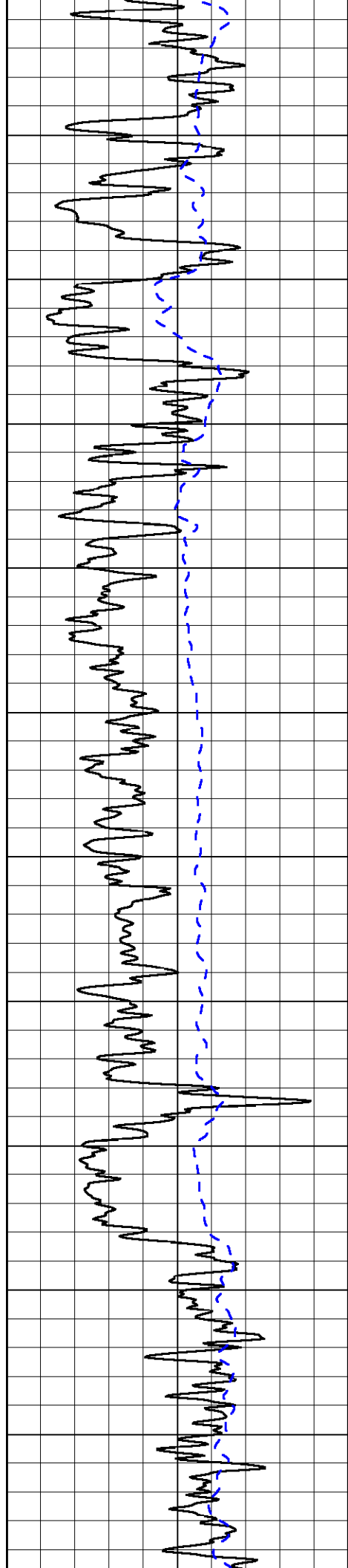
Plainville, 5 1/2 W to 12 Rd,
2 3/4 S, W Into at Cattle Guard

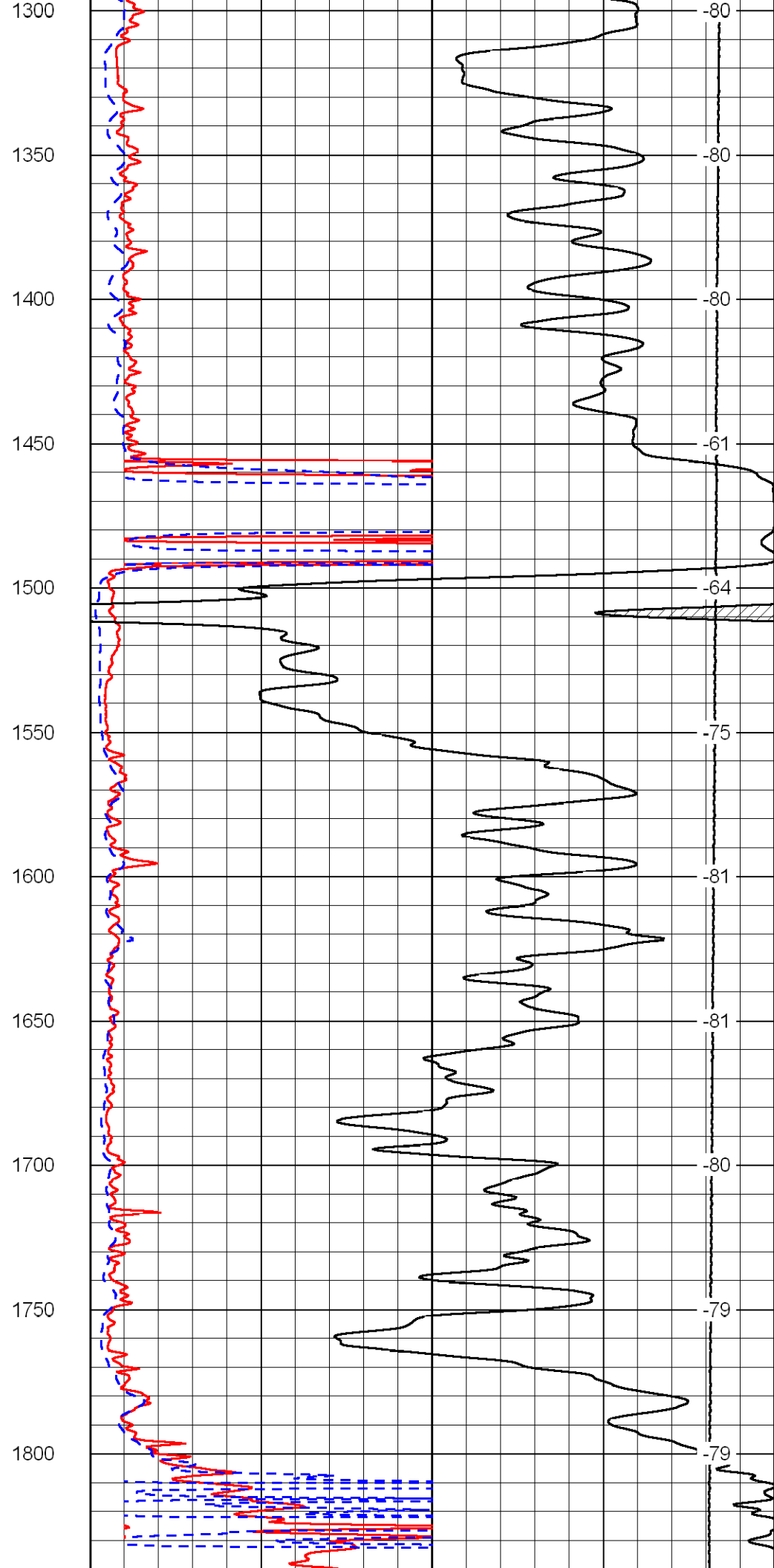
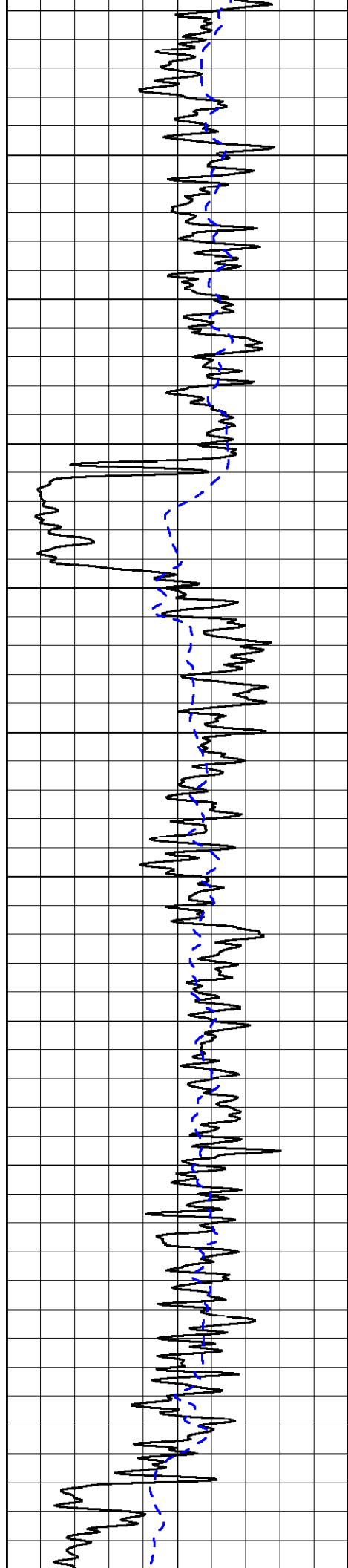
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Presentation Format: dil2in
Dataset Creation: Fri Dec 11 19:48:35 2009
Charted by: Depth in Feet scaled 1:600

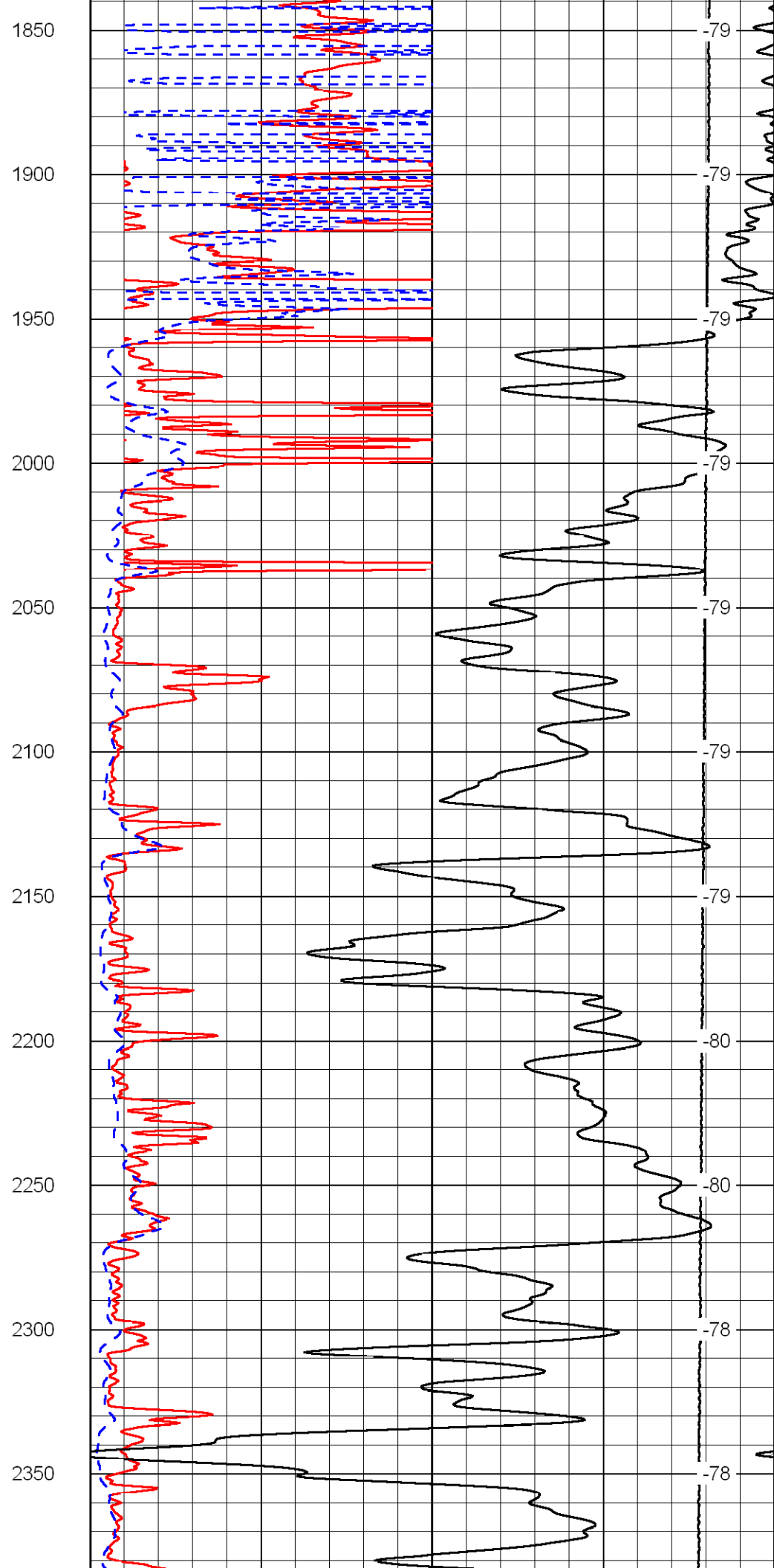
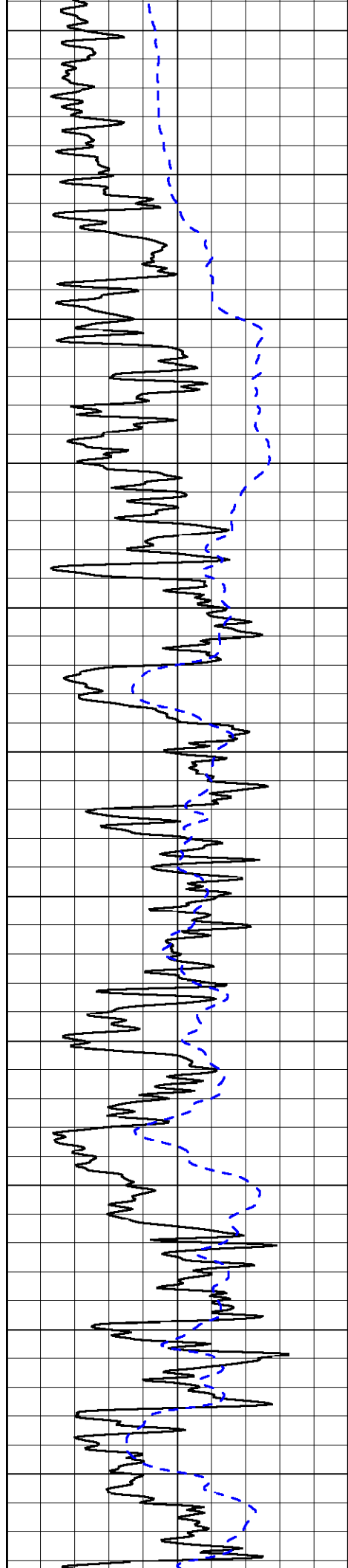
0	Gamma Ray	150
-200	SP (MV)	0

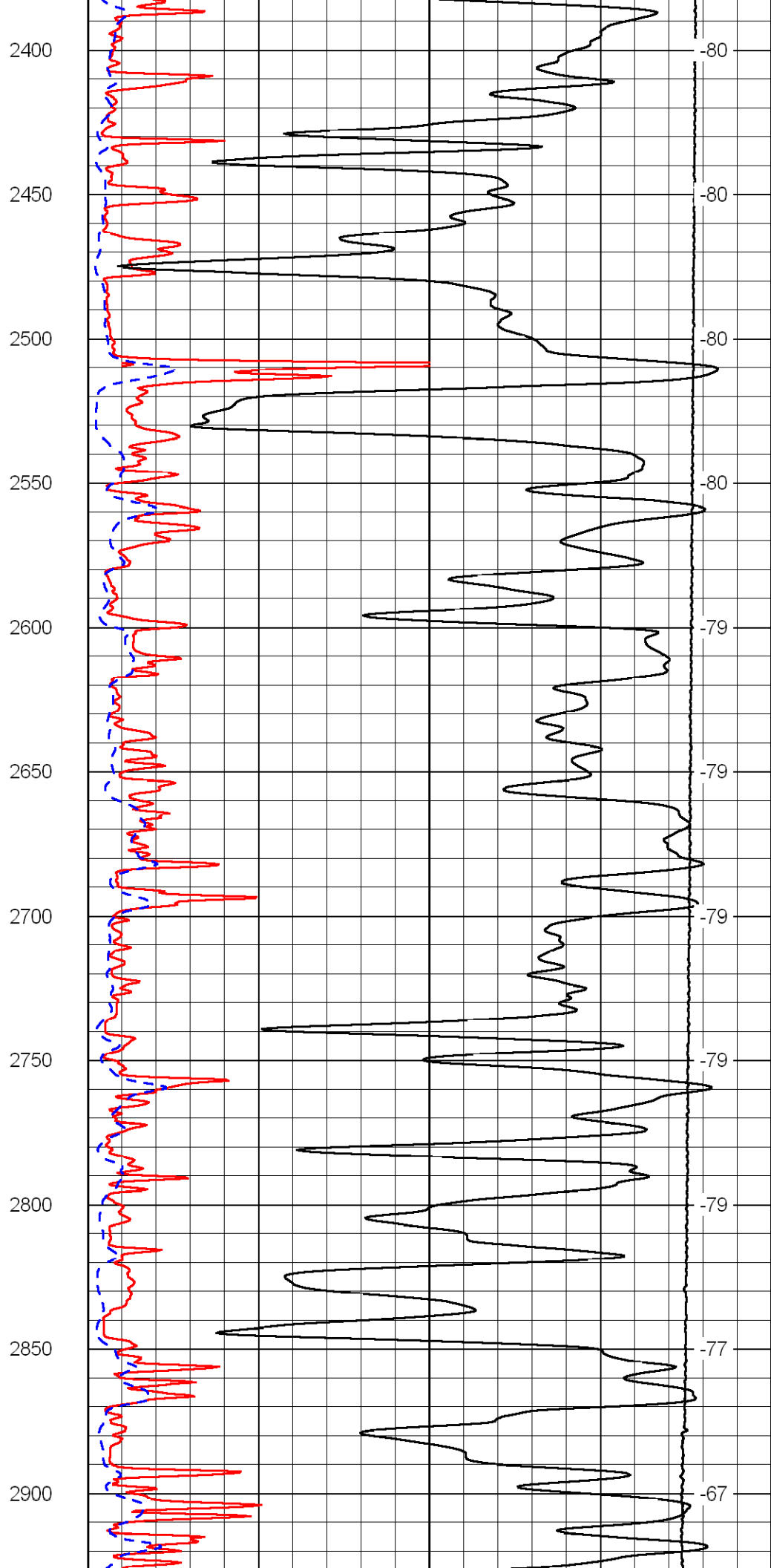
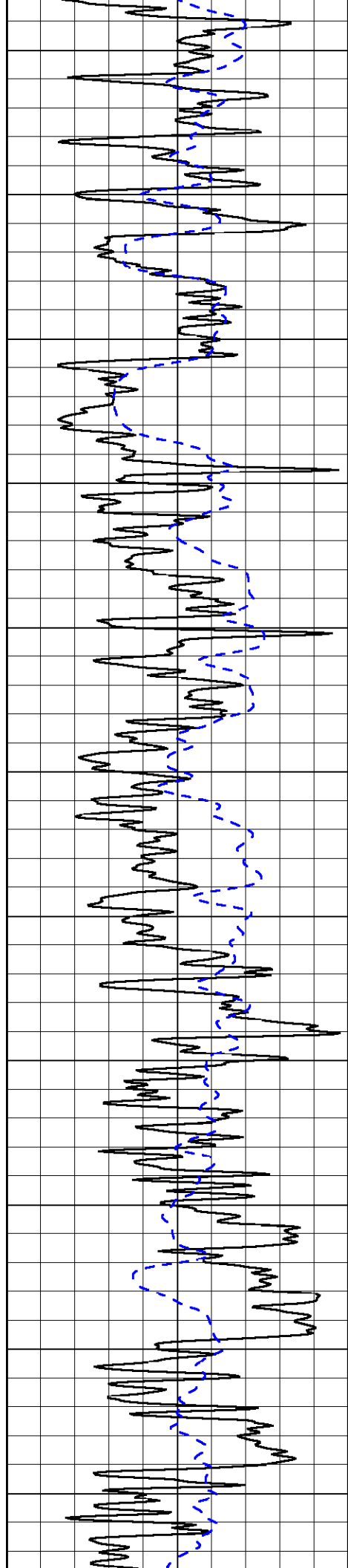
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

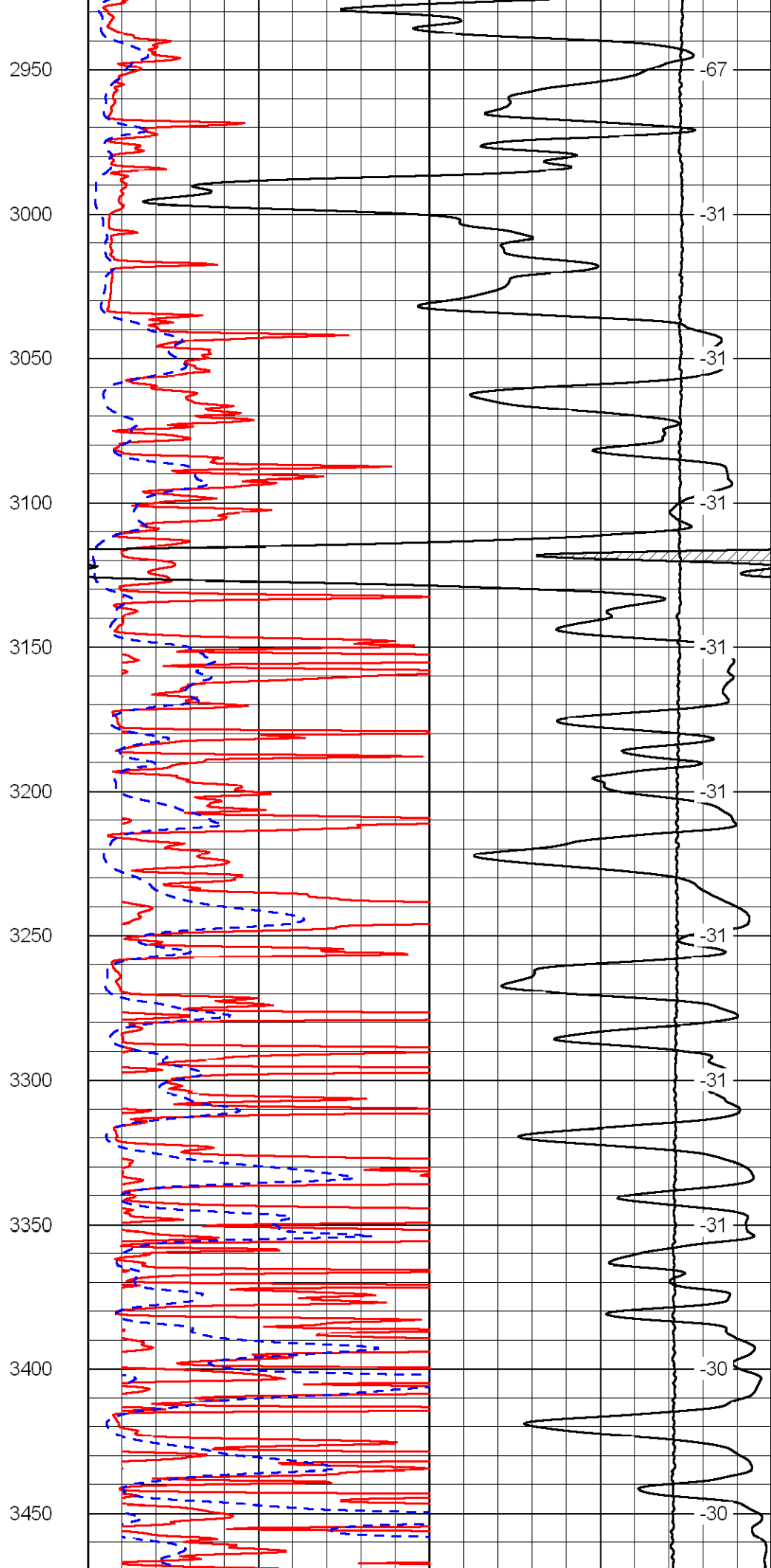
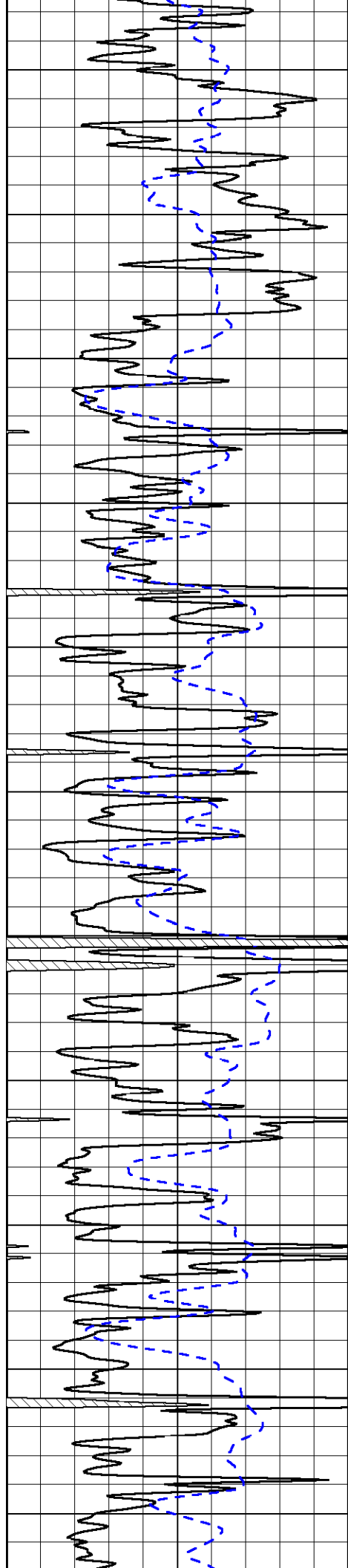


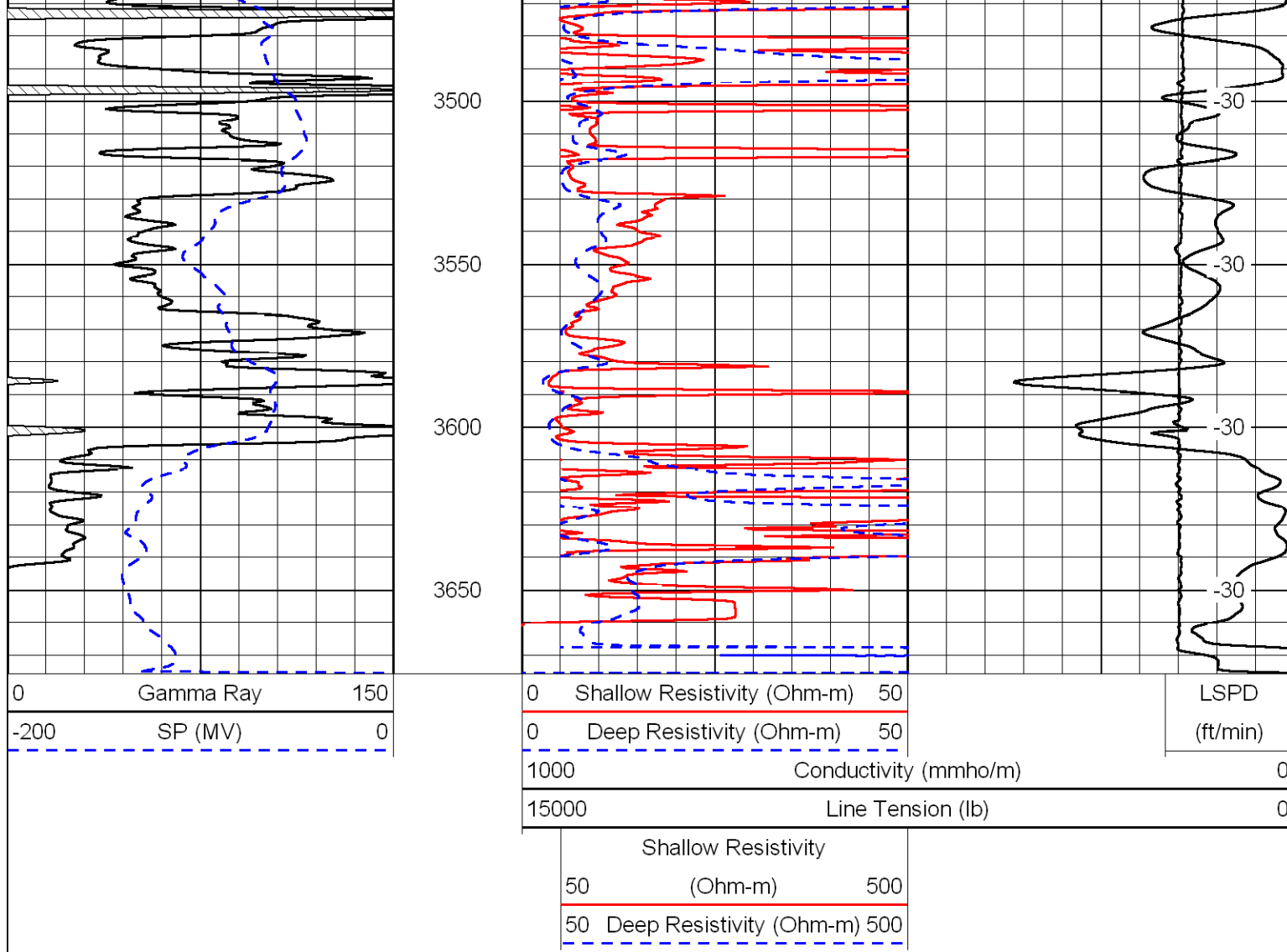




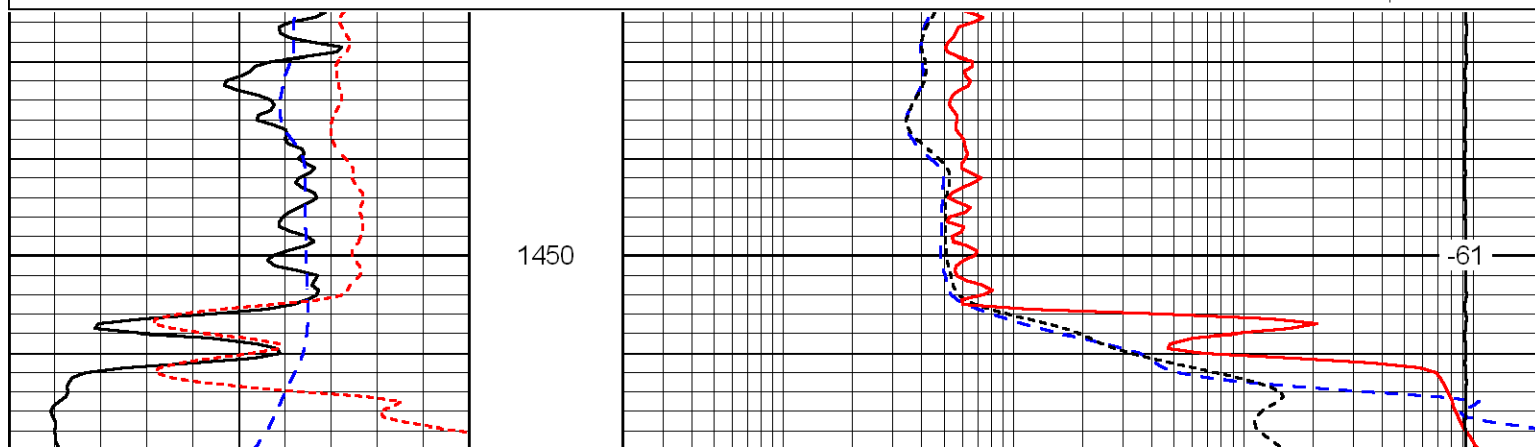
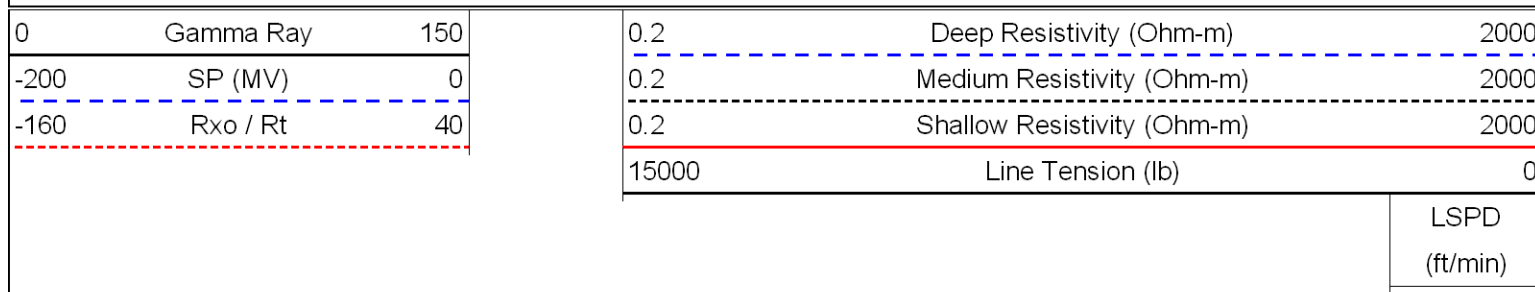


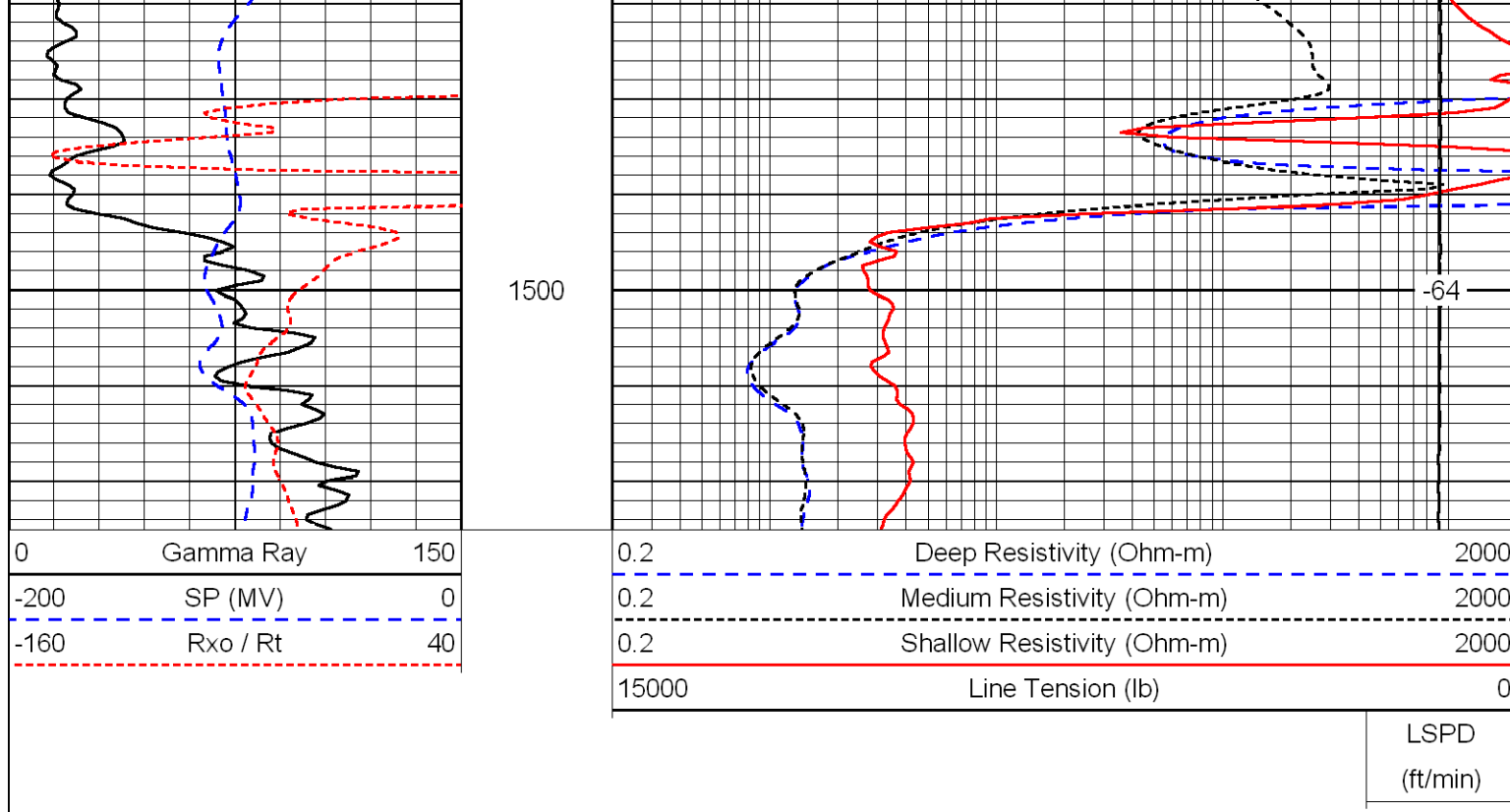




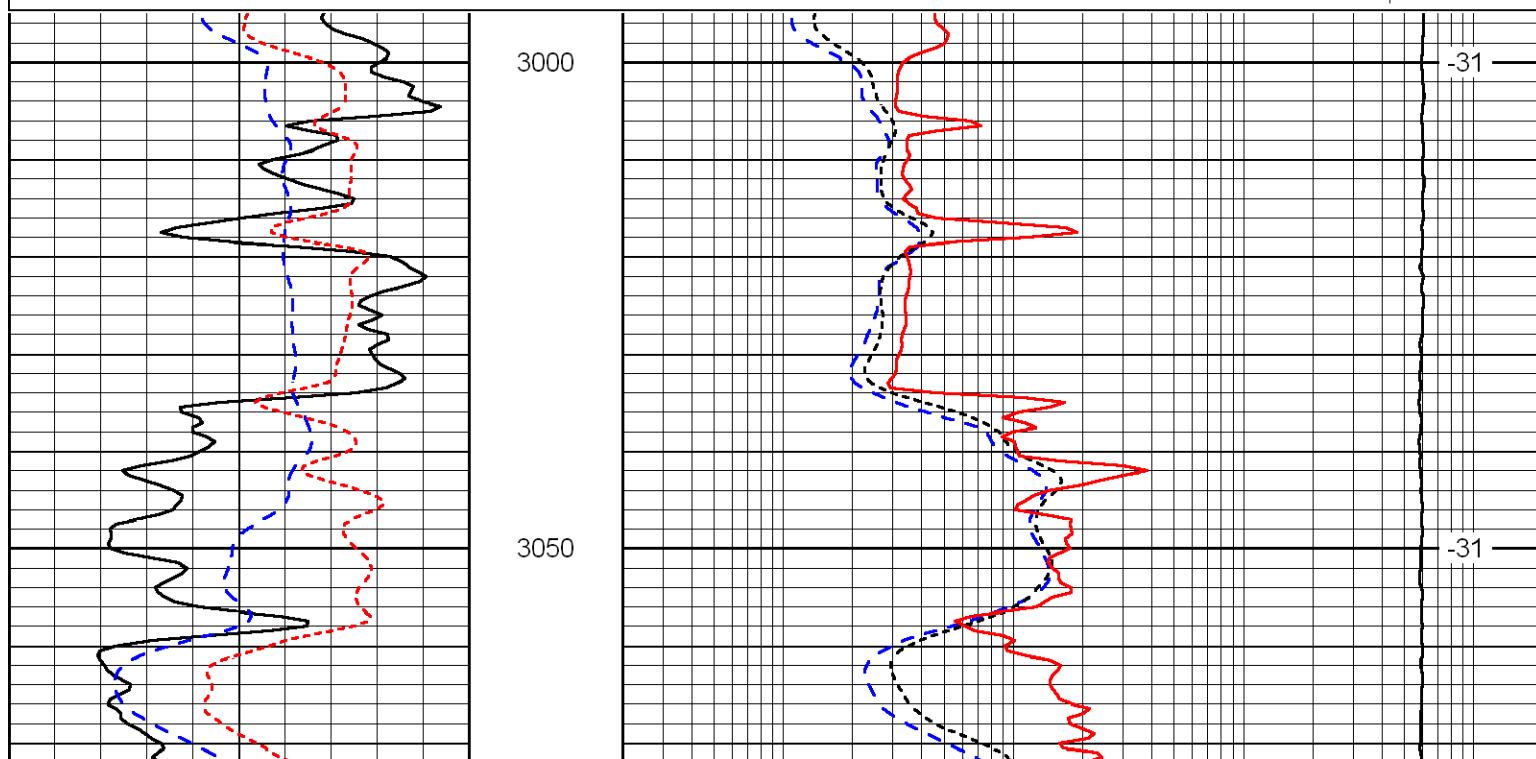
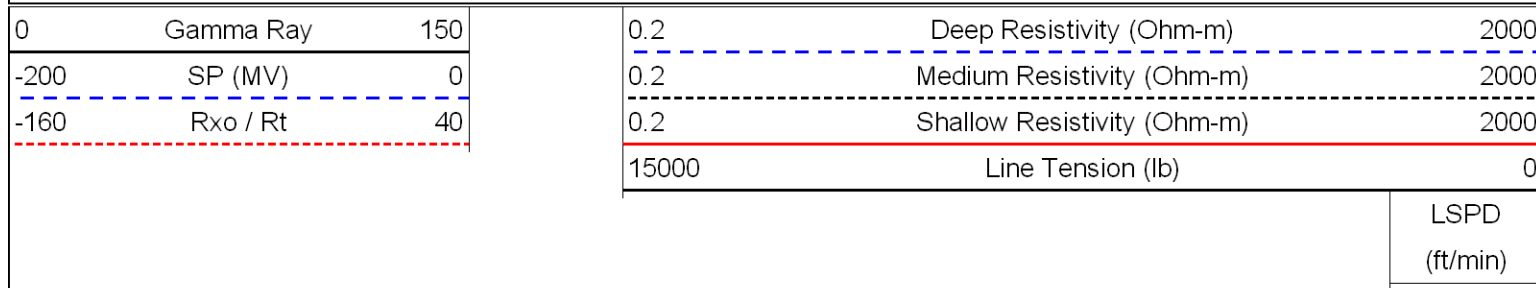


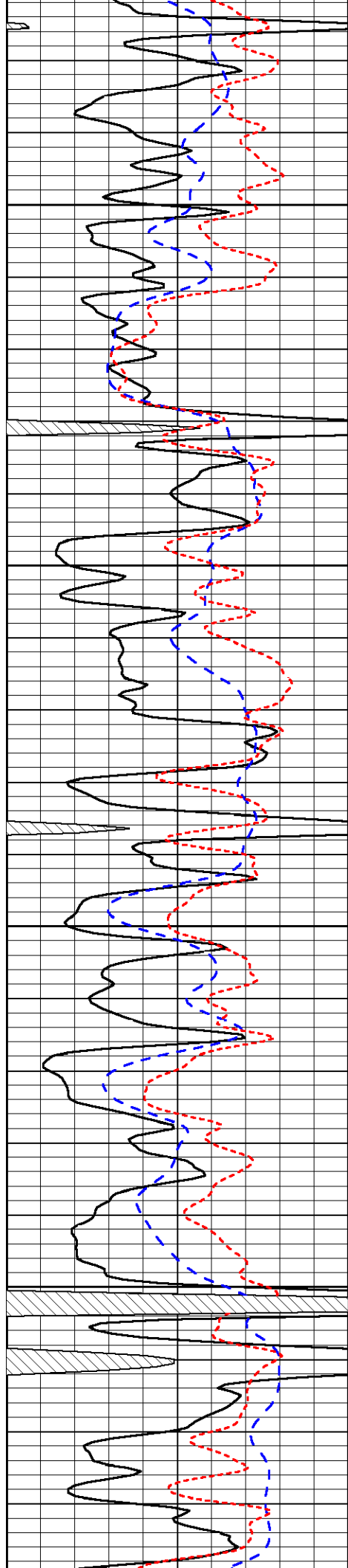
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 Charted by: Depth in Feet scaled 1:240





Database File: c:\warrior\data\landmark_hammerschmidt no.1-11\landmarkhd.db
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 Presentation Format: dil
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 Charted by: Depth in Feet scaled 1:240



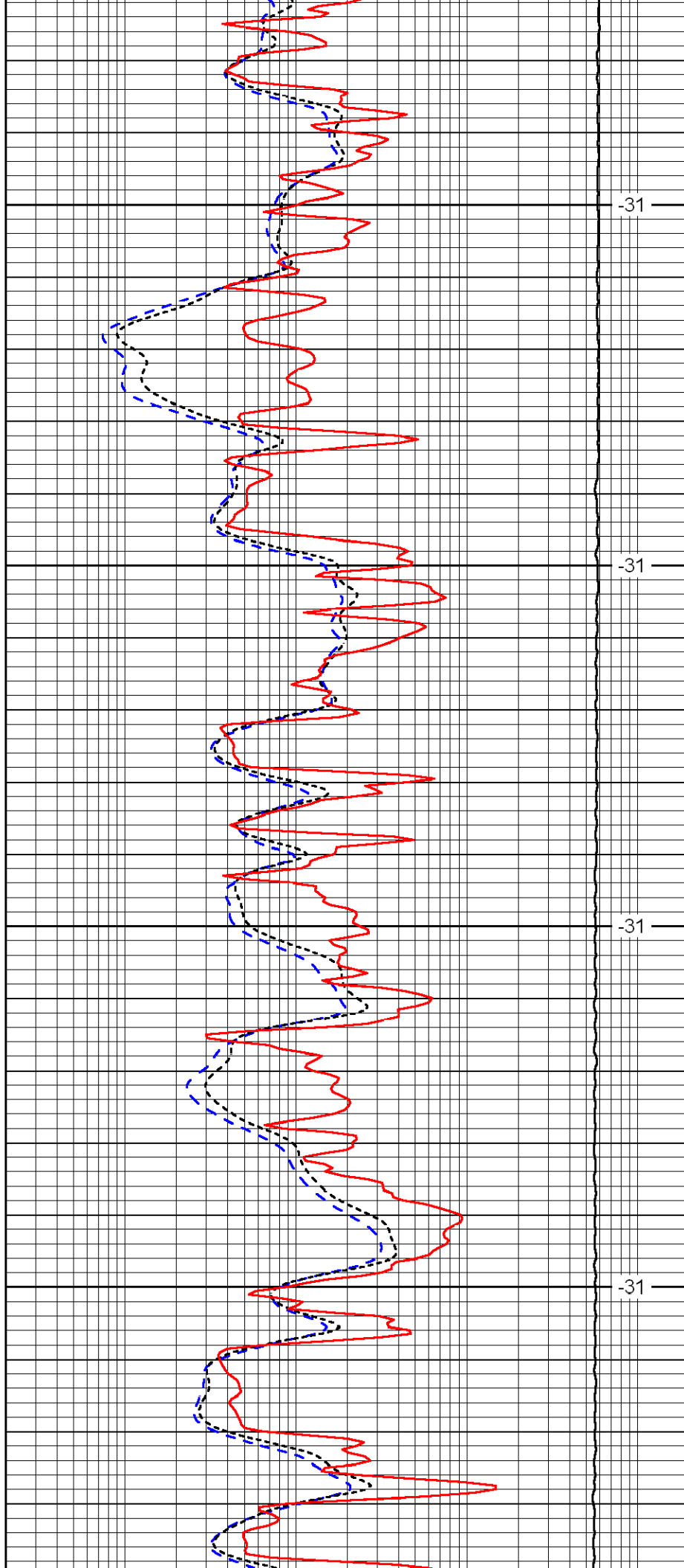


3100

3150

3200

3250

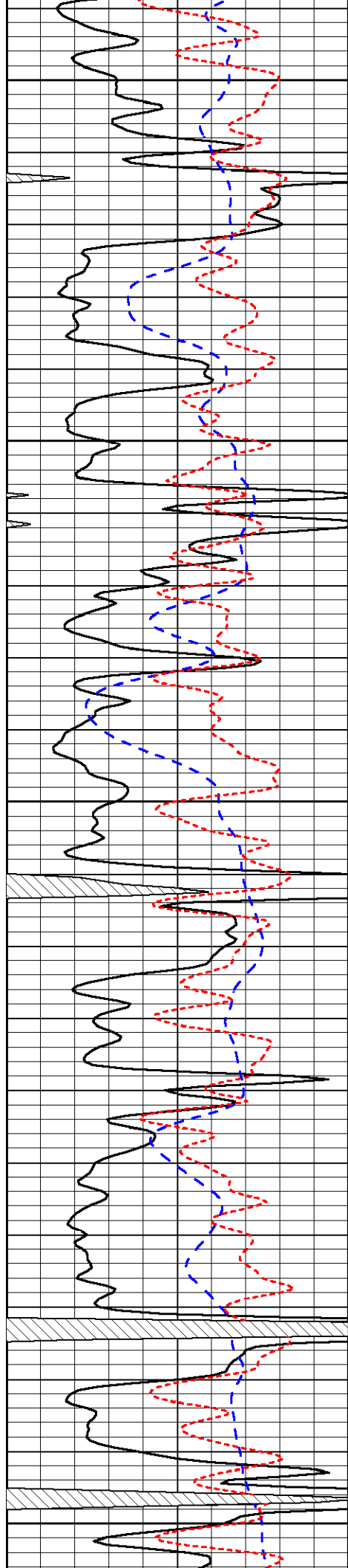


-31

-31

-31

-31



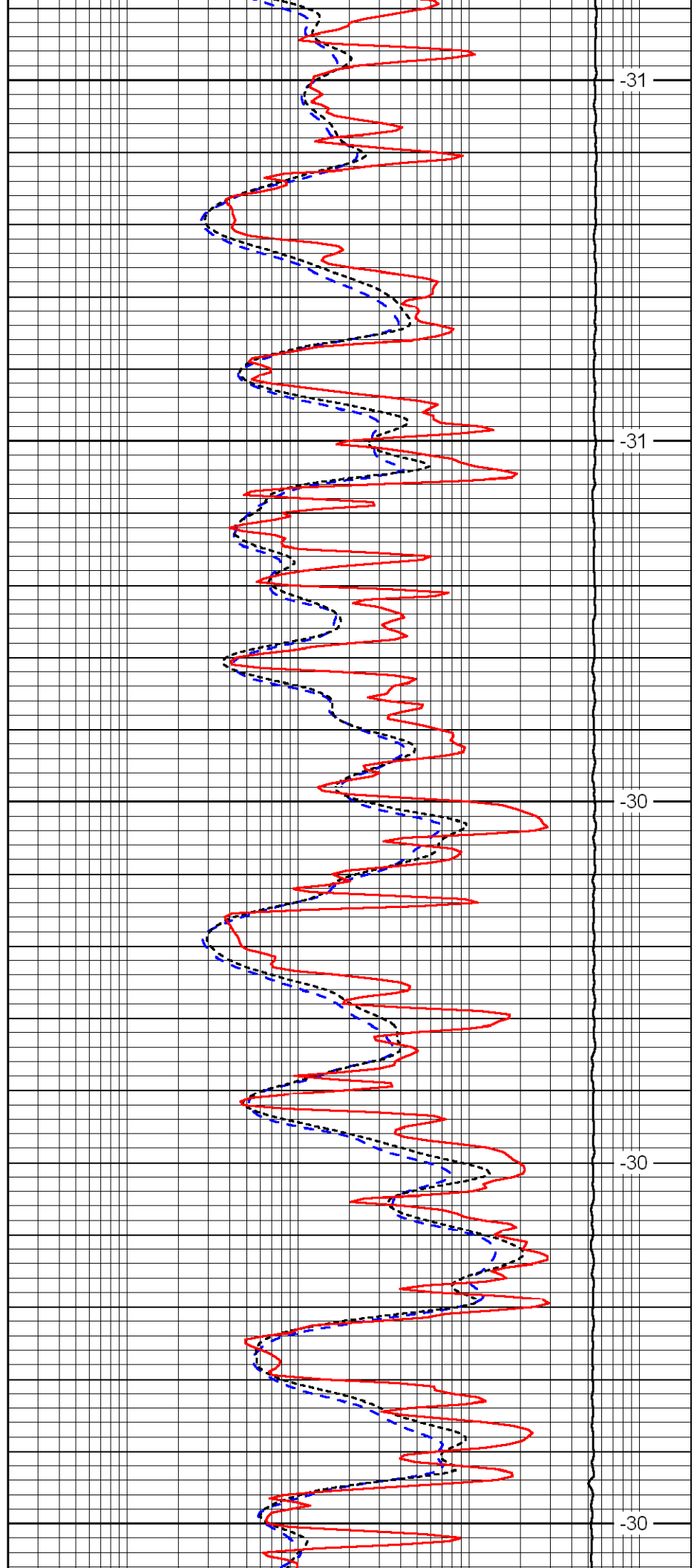
3300

3350

3400

3450

3500



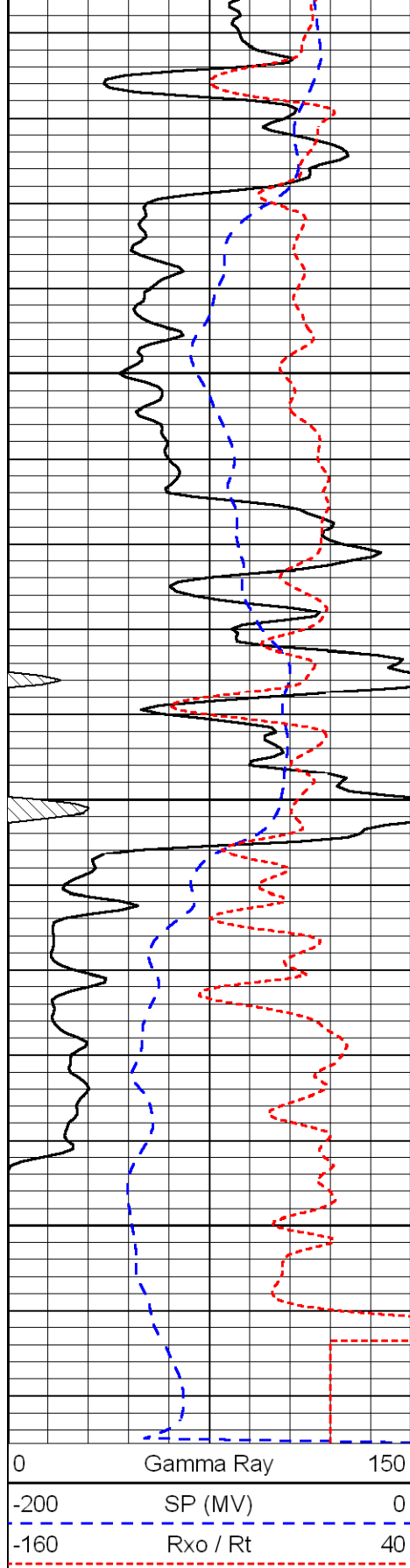
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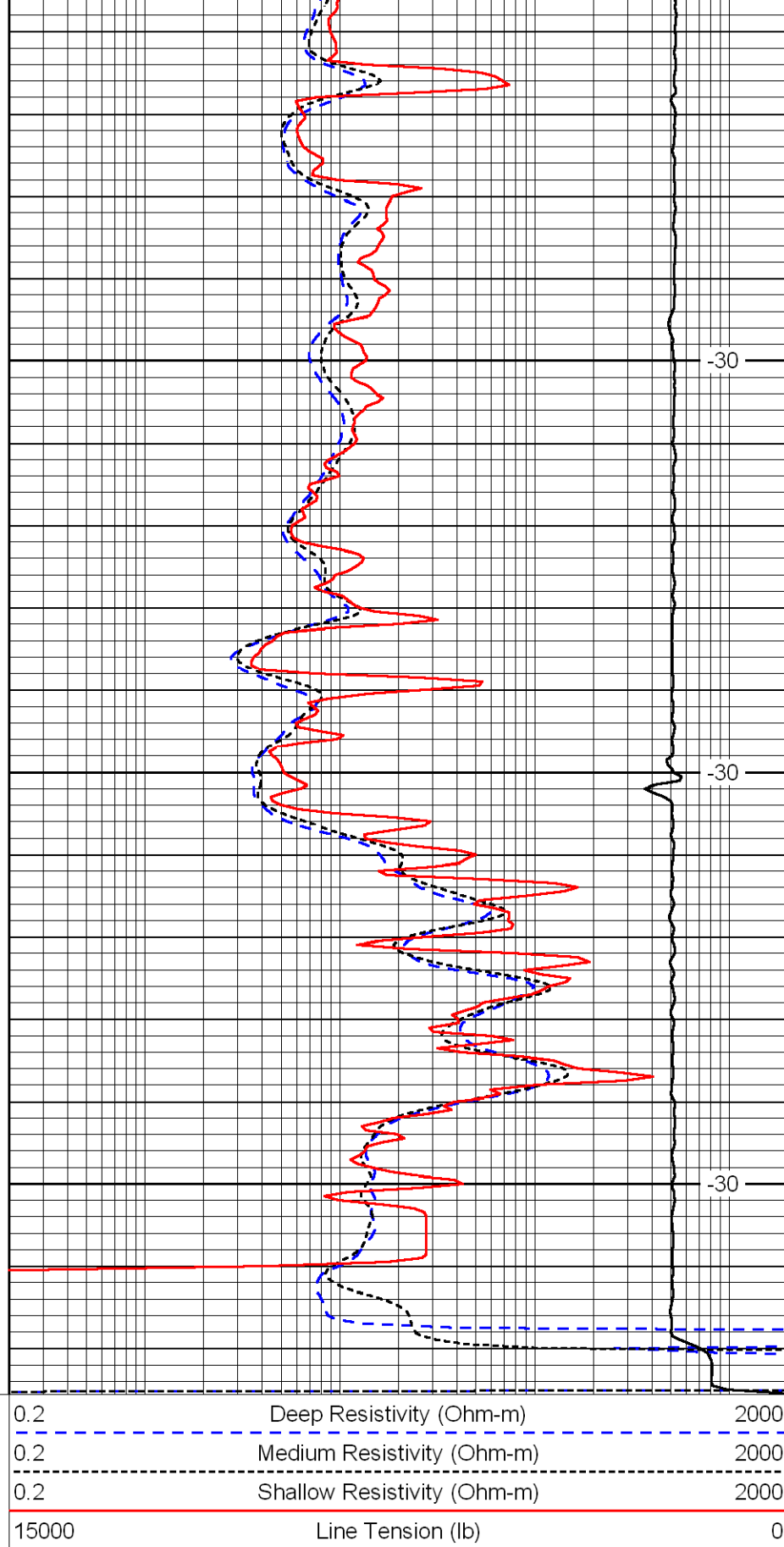
-30



3550

3600

3650



-30

-30

-30

LSPD
(ft/min)