

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-009-25,361-00-00

Company Kahan & Associates, Inc.

Well D. Pizinger No. 1

Field Leoville

County Barton

State

Kansas

Location

1980' FNL & 2310' FEL

Other Services
CNL/CDL

Sec: 12

Twp: 17 S

Rge: 15 W

Elevation

Permanent Datum

Elevation 1934

Log Measured From

10 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

K.B. 1944
D.F. 1934
G.L. 1934

Date

12/19/2009

Run Number

One

Depth Driller

3465

Depth Logger

3464

Bottom Logged Interval

3463

Top Log Interval

550

Casing Driller

8.625 @ 602

Casing Logger

600

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7.100

Density / Viscosity

9.6

pH / Fluid Loss

9.0

Source of Sample

Flowline

Rm @ Meas. Temp

.79 @ 67

Rmf @ Meas. Temp

.59 @ 67

Rmc @ Meas. Temp

1.07 @ 67

Source of Rmf / Rmc

Charts

Rm @ BHT

.47 @ 113

Operating Rig Time

3 Hours

Max Rec. Temp. F

113

Equipment Number

4

Location

Hays

Recorded By

K. Bange

Witnessed By

David Wilson

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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

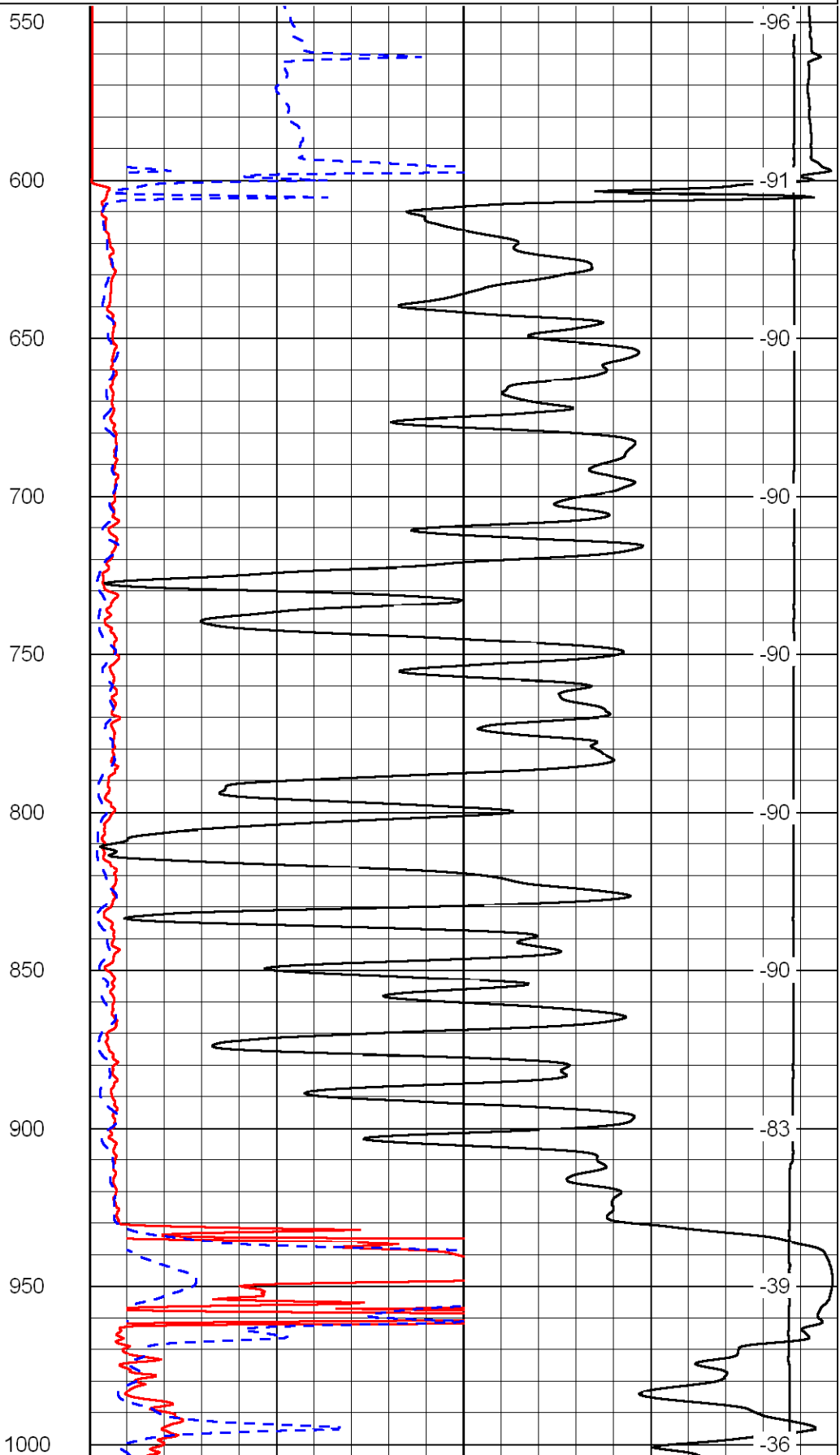
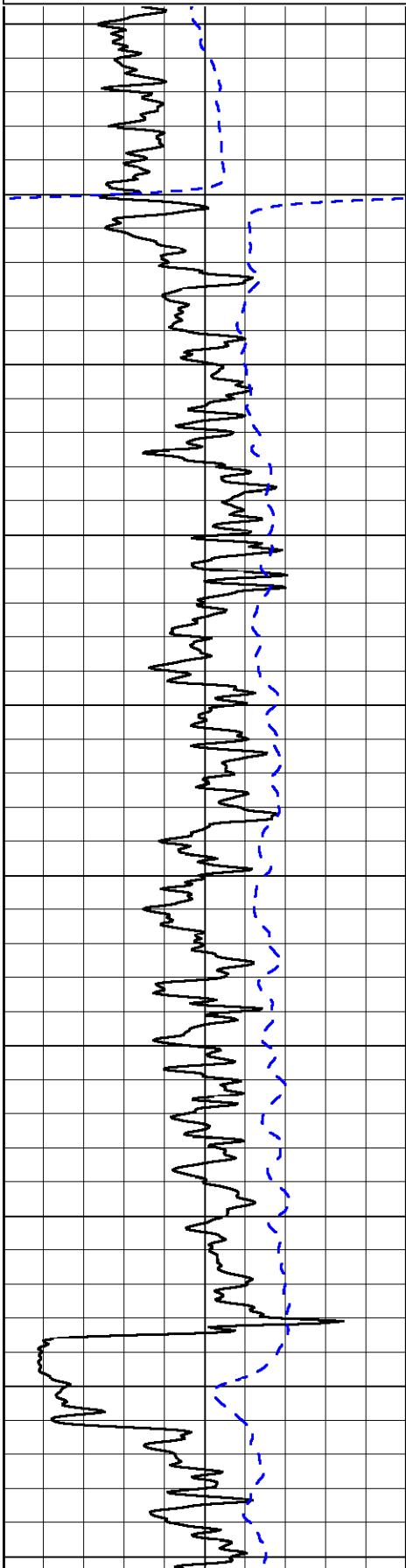
Galatia, 3 S, 1 1/2 E, S into

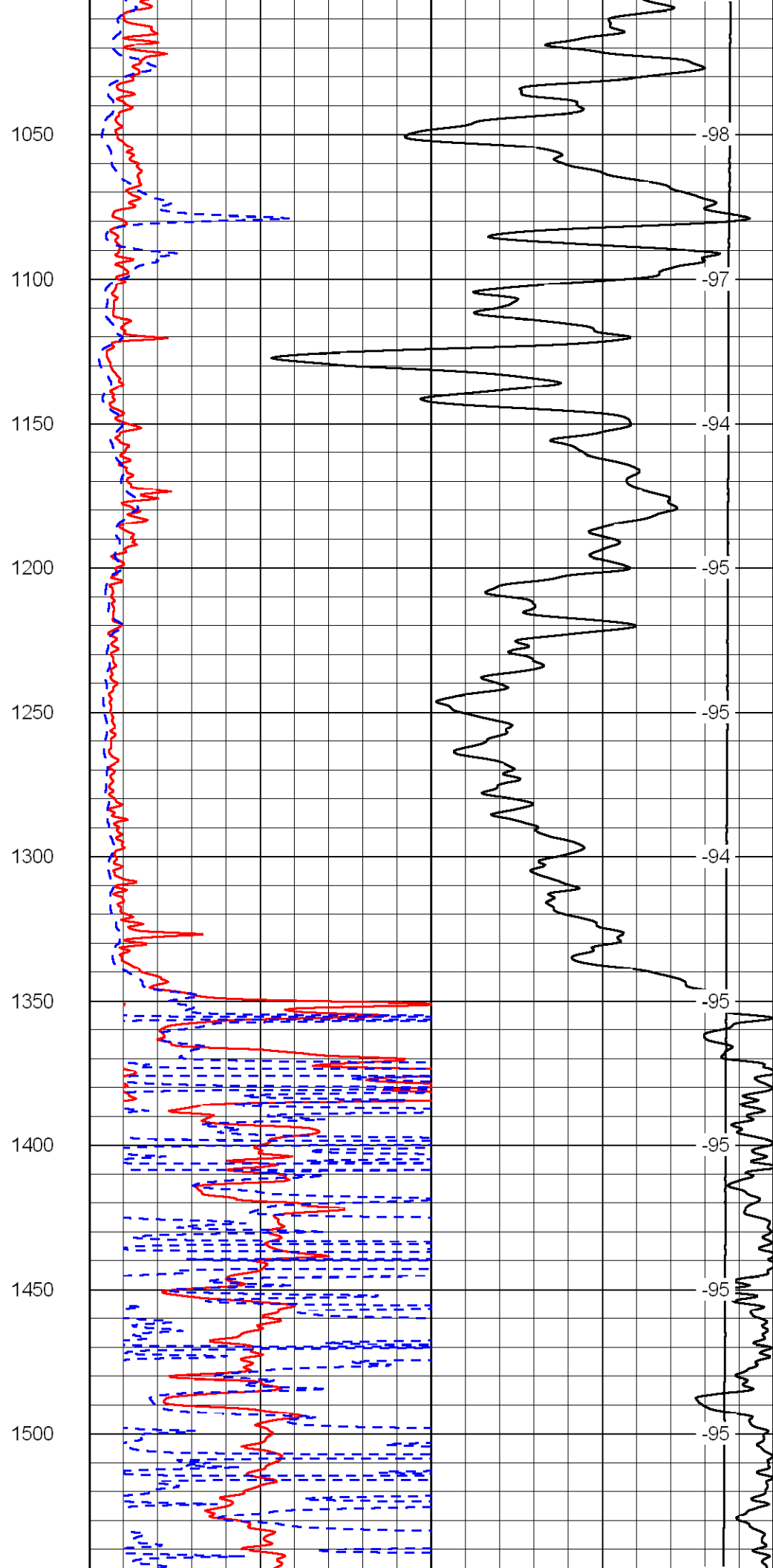
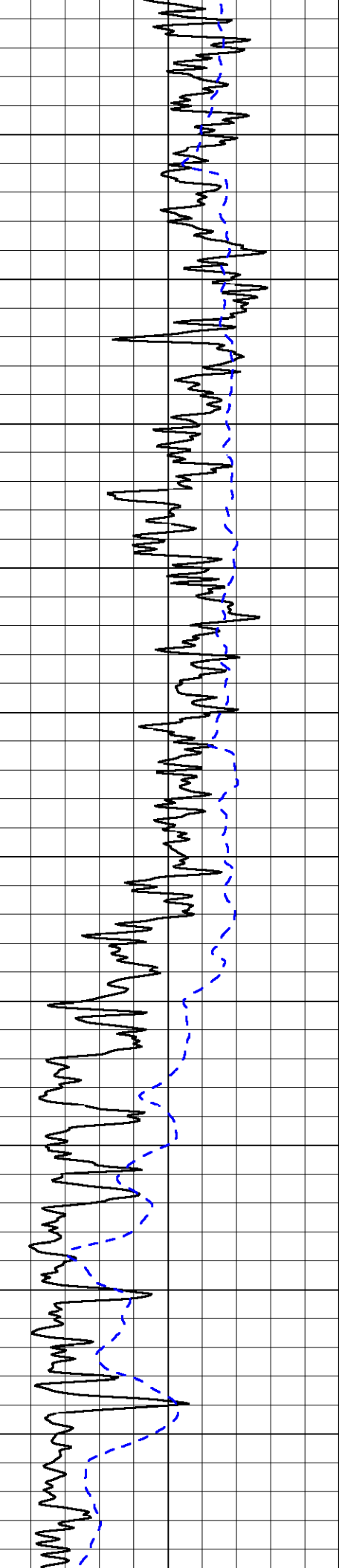
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Dataset Pathname: dil/kahan2in
Presentation Format: dil2in
Dataset Creation: Sat Dec 19 14:57:27 2009
Charted by: Depth in Feet scaled 1:600

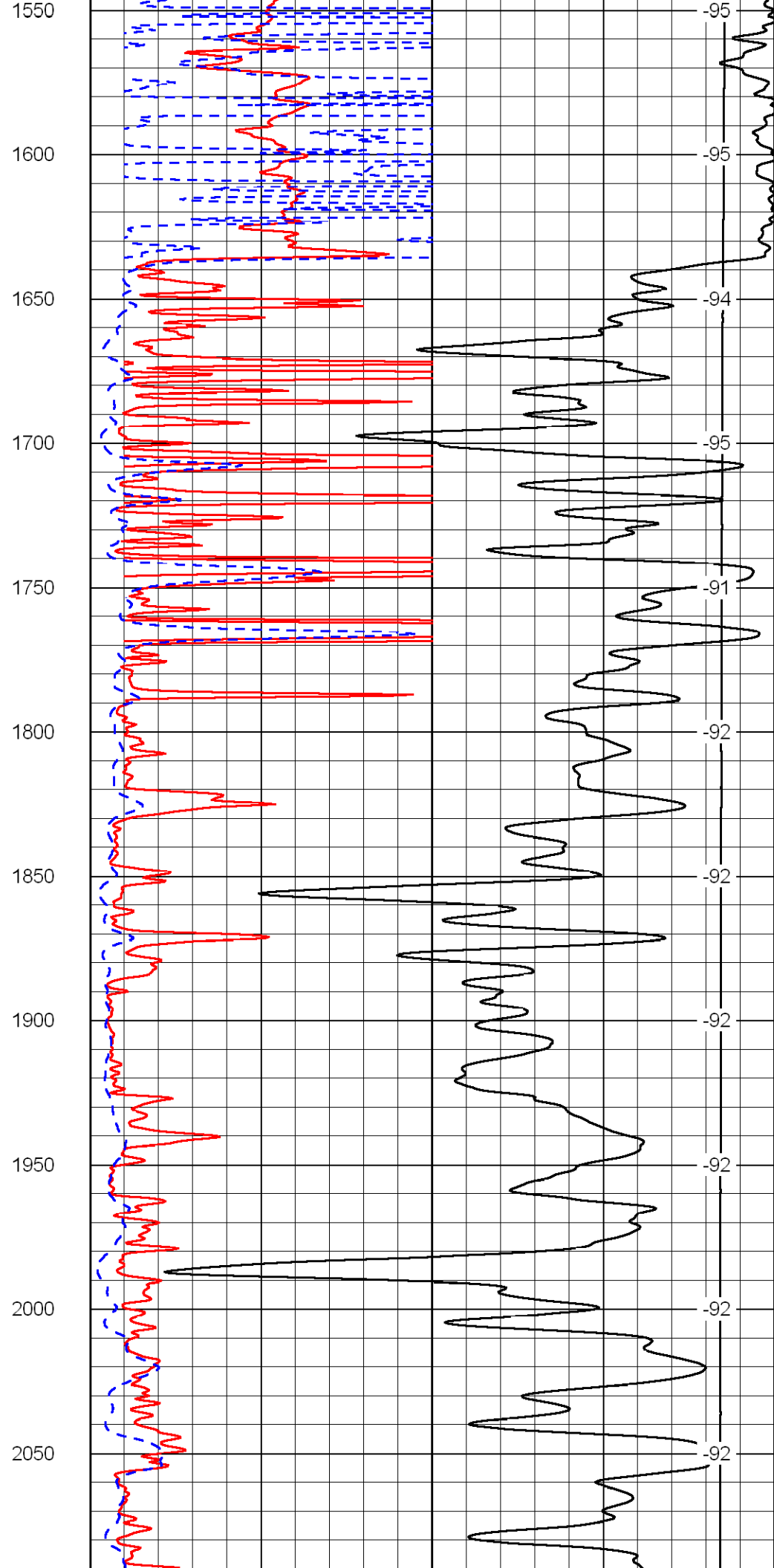
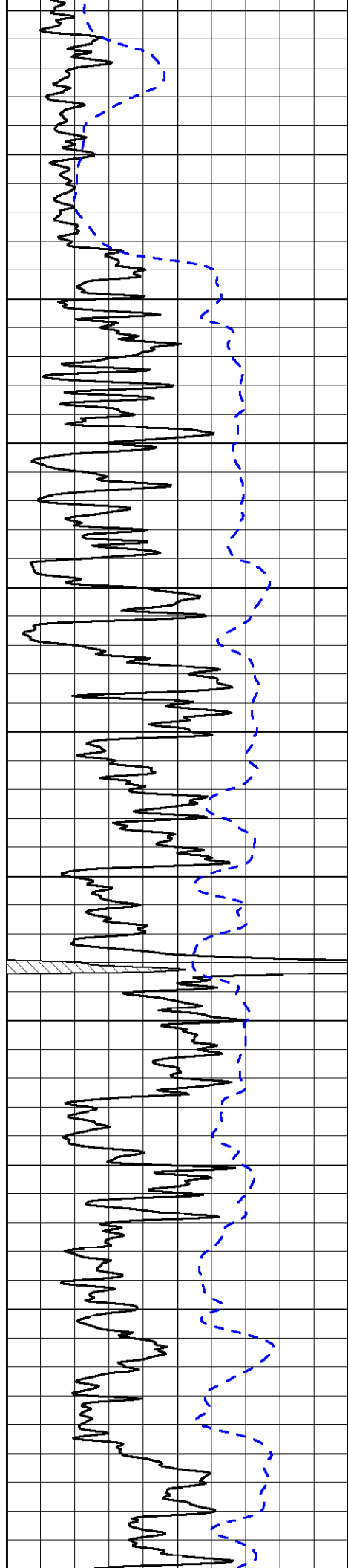
0	Gamma Ray	150
-200	SP (MV)	0

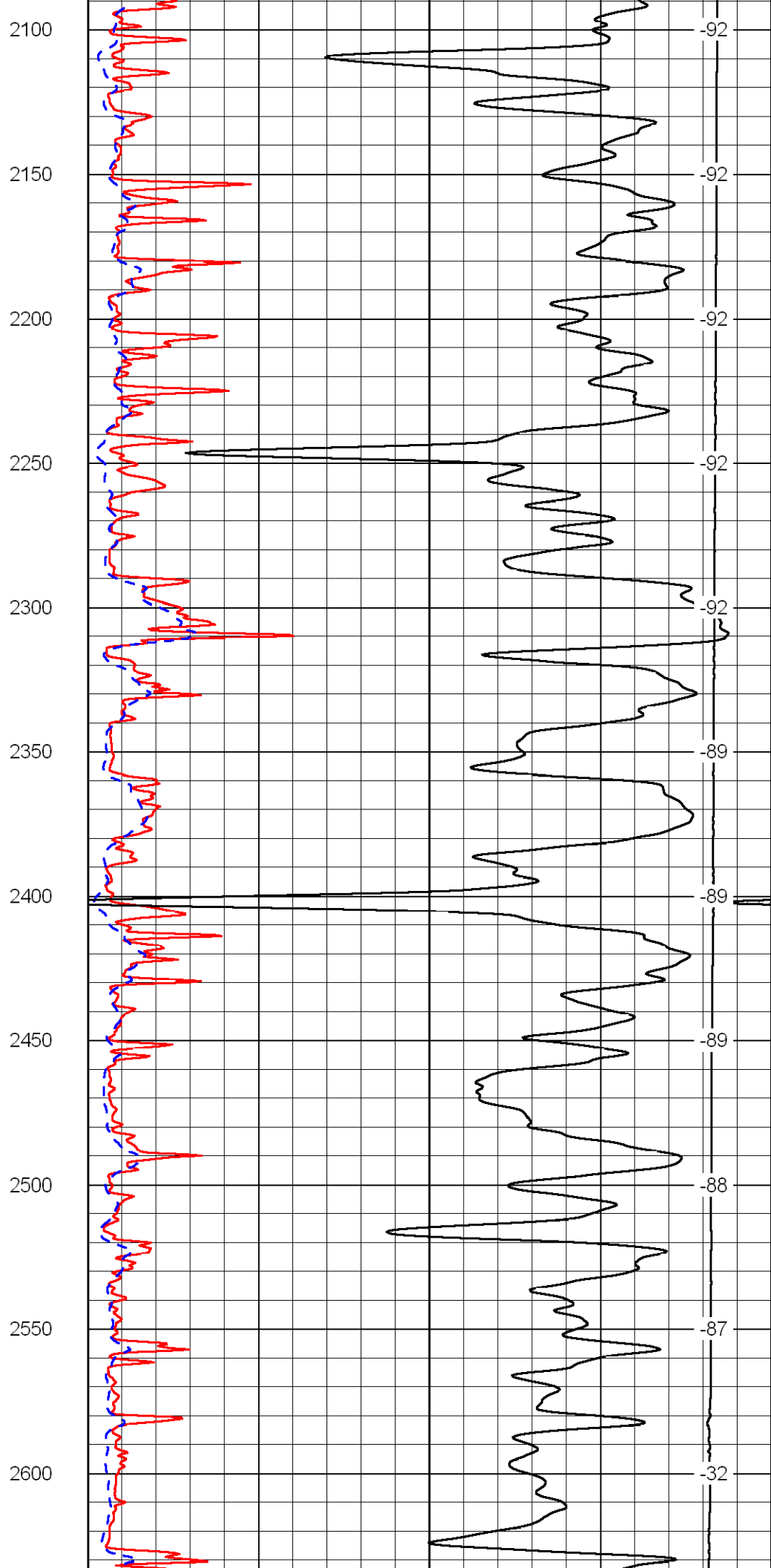
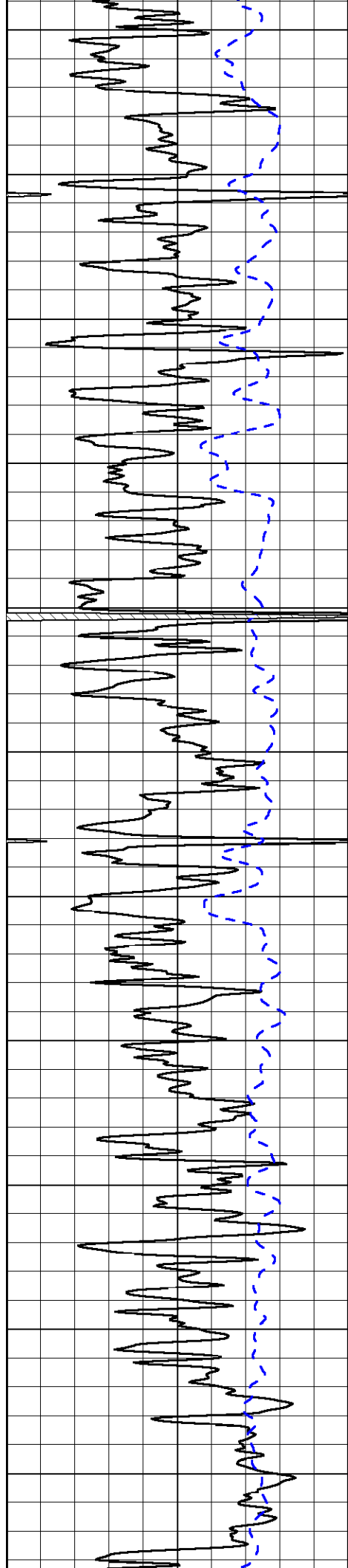
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

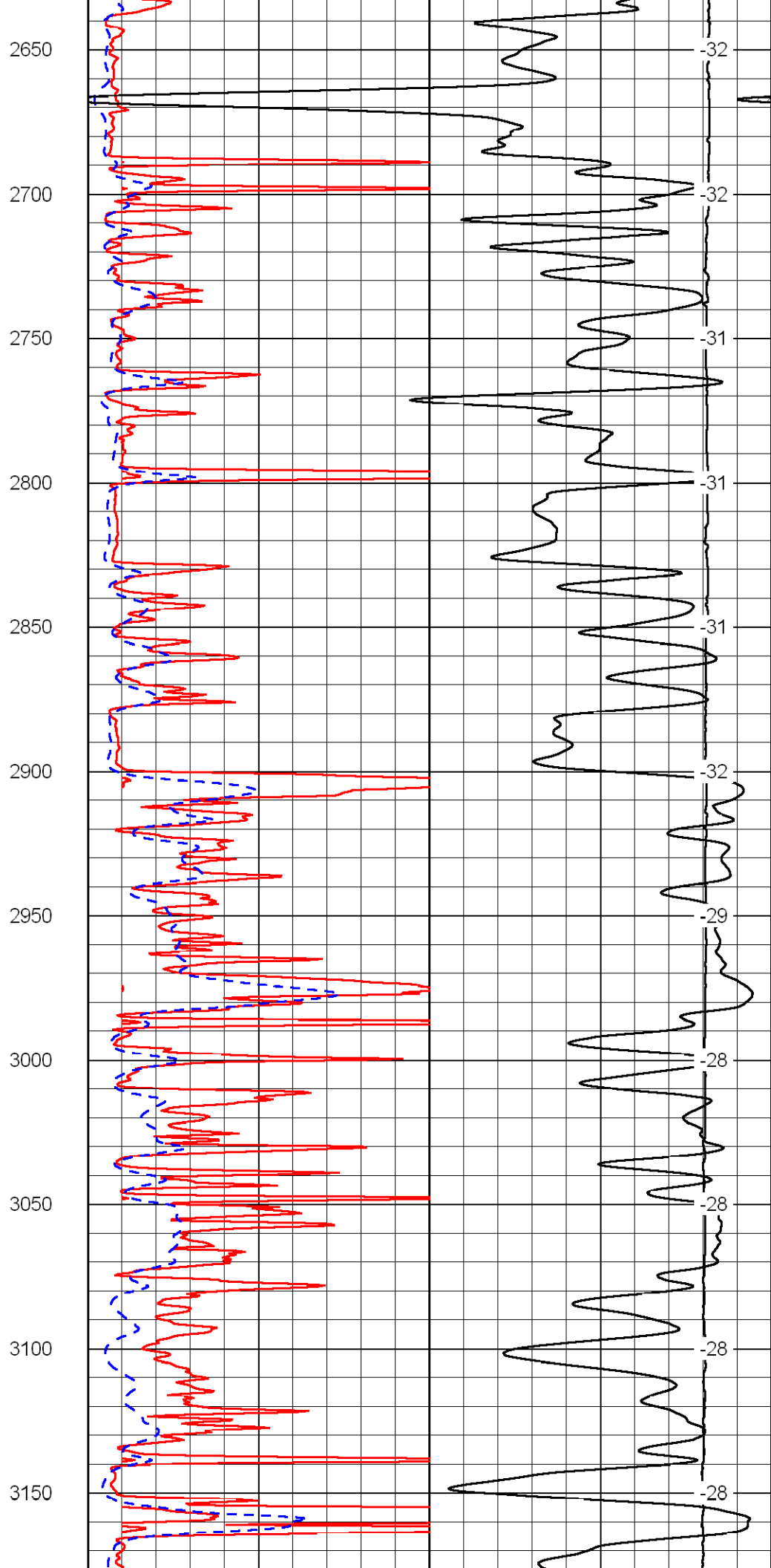
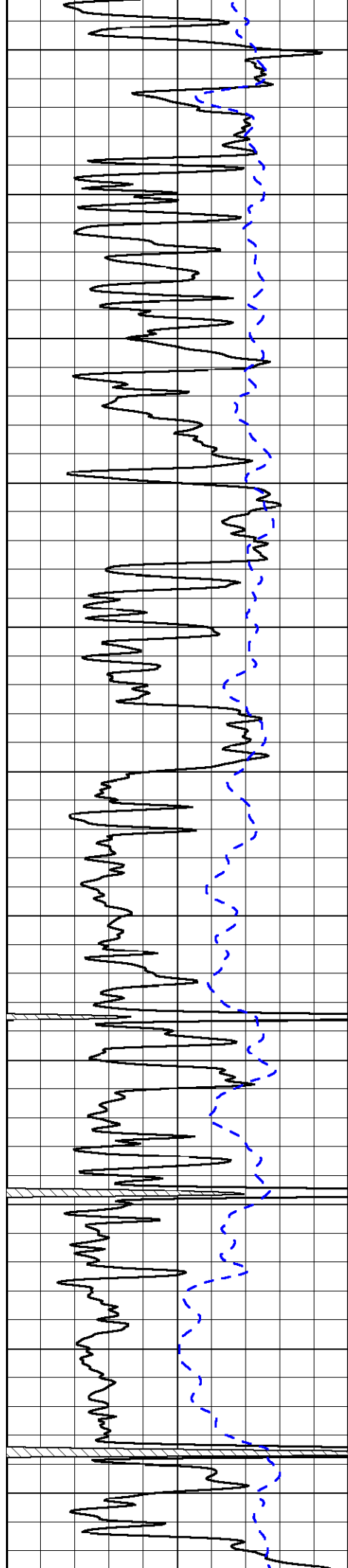
50	Shallow Resistivity (Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

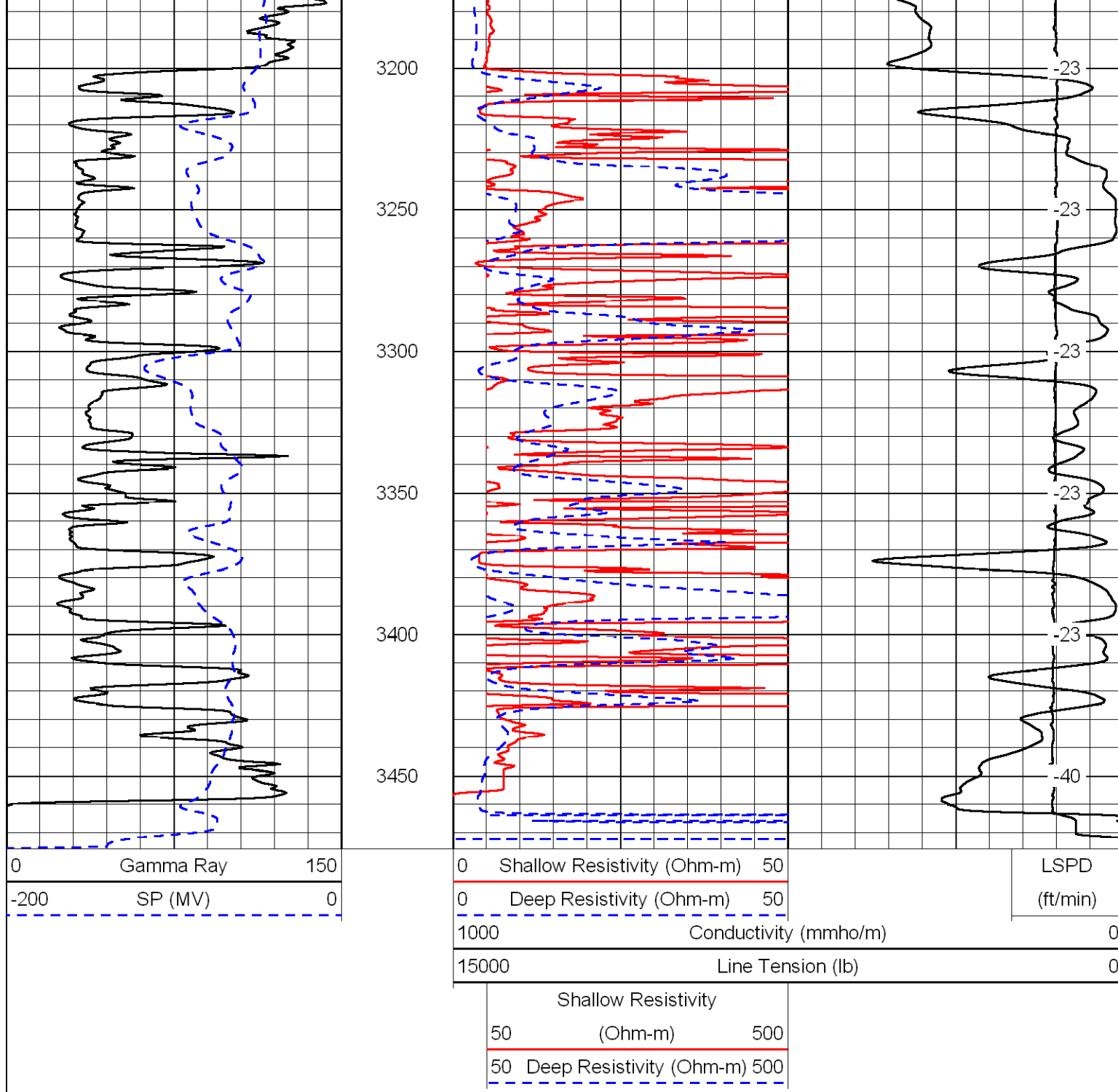




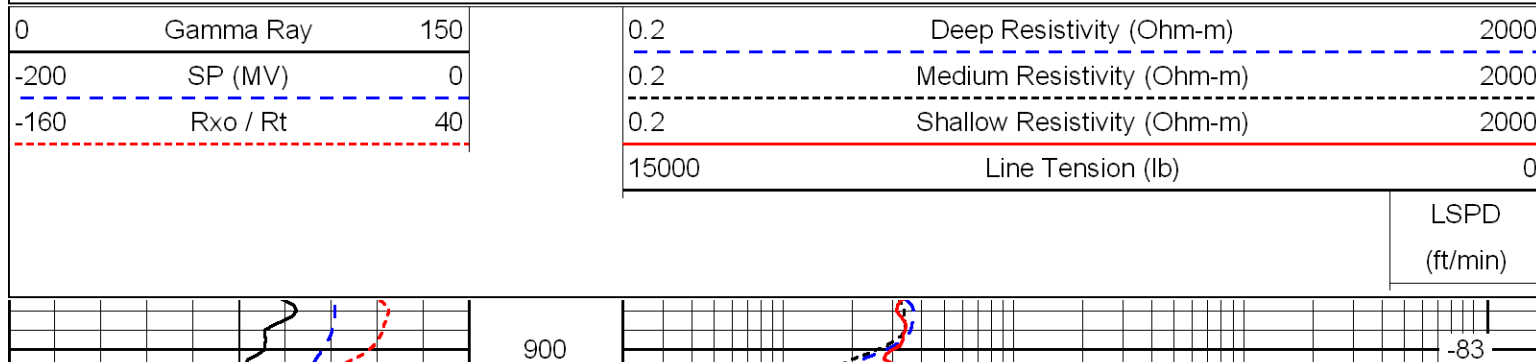


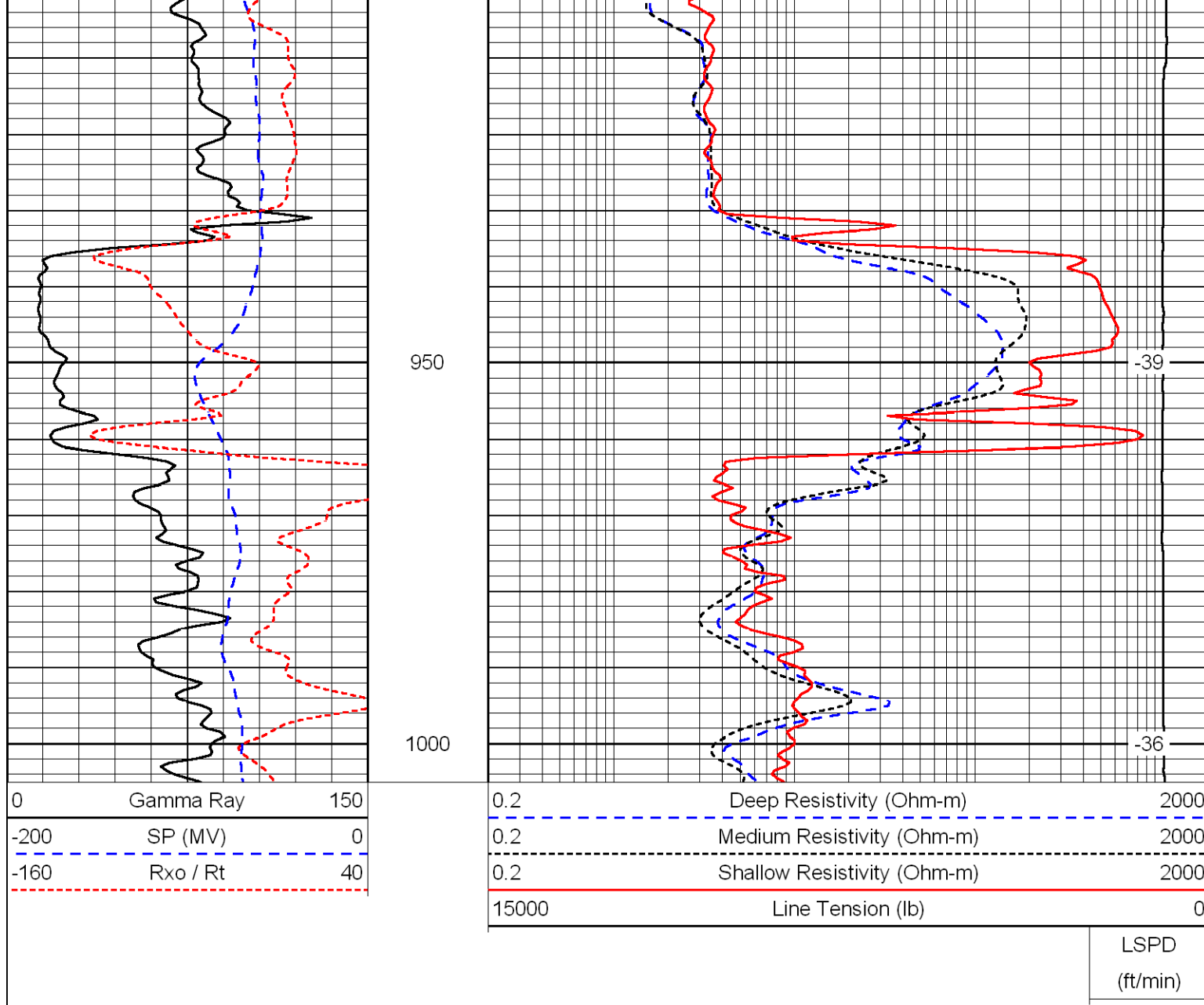




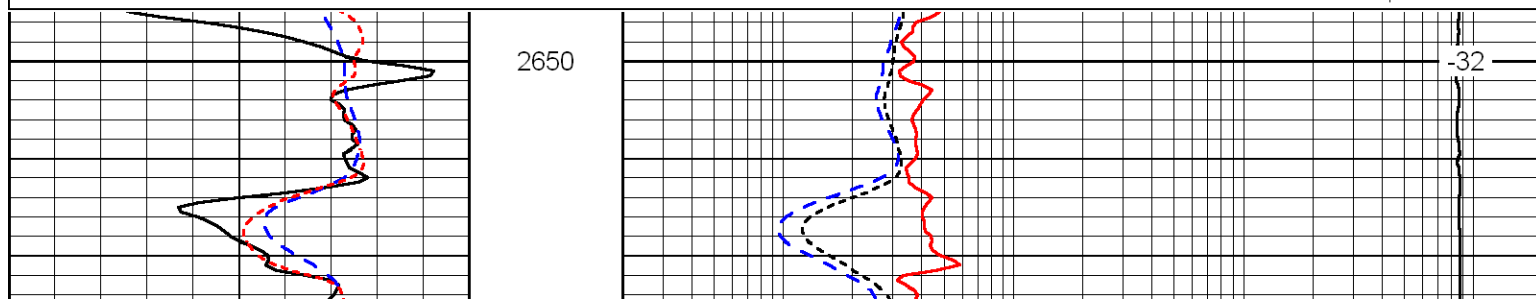
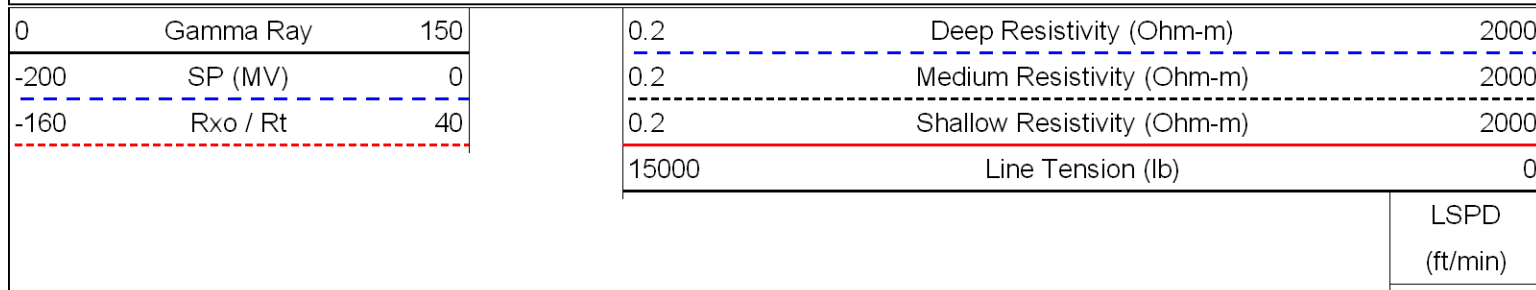


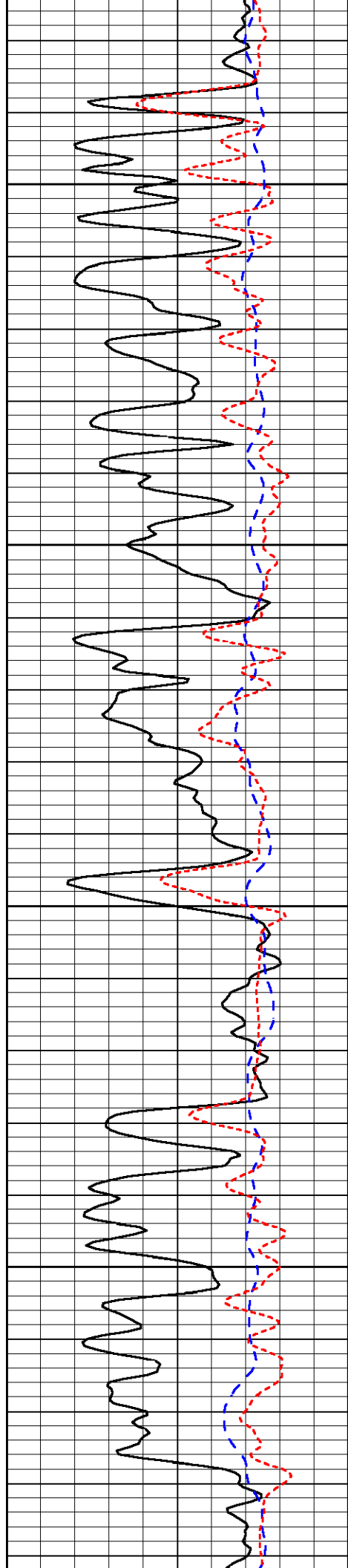
Database File: c:\warrior\data\kahan_d. pizinger no. 1\kahanhd.db
 Dataset Pathname: dil/kahan2in
 Presentation Format: dil
 Dataset Creation: Sat Dec 19 14:57:27 2009
 Charted by: Depth in Feet scaled 1:240





Database File: c:\warrior\data\kahan_d. pizinger no. 1\kahanhd.db
 Dataset Pathname: dil/kahan2in
 Presentation Format: dil
 Dataset Creation: Sat Dec 19 14:57:27 2009
 Charted by: Depth in Feet scaled 1:240



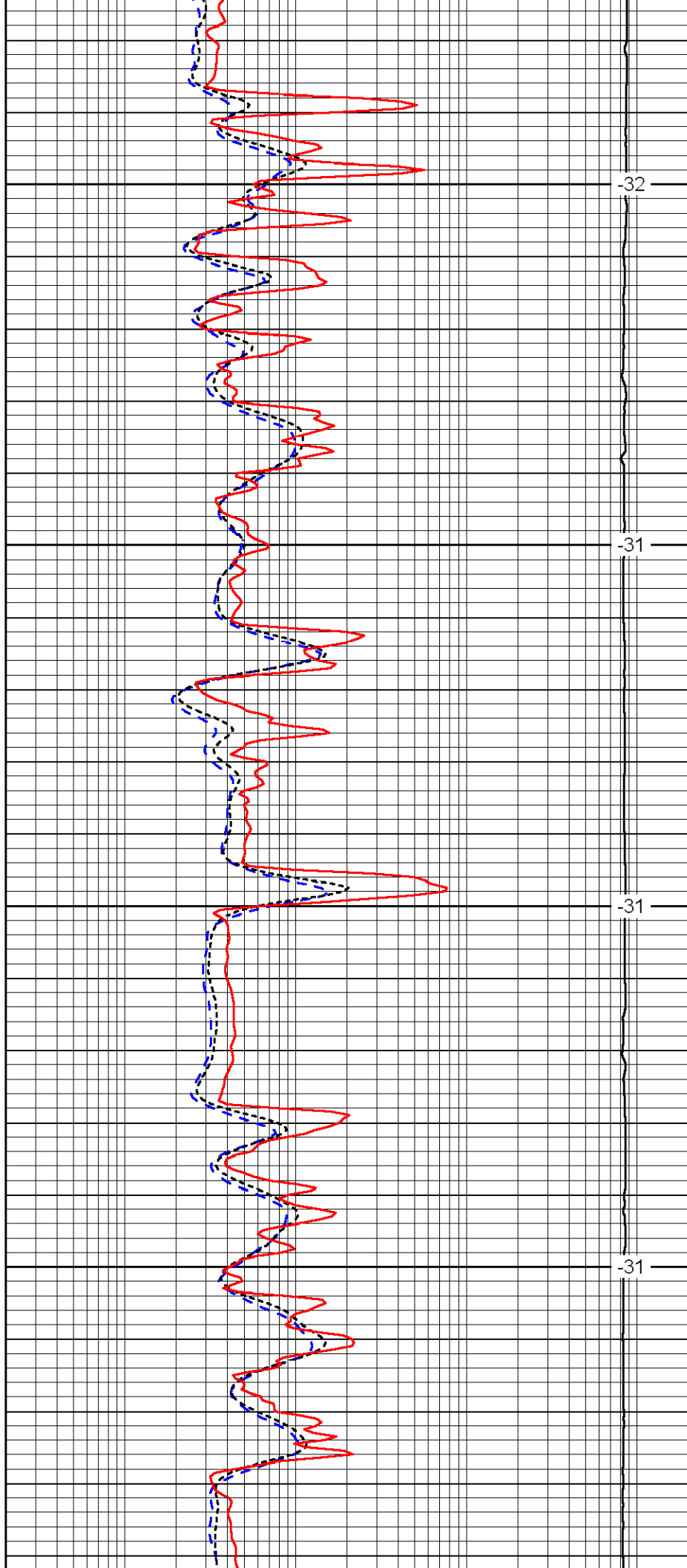


2700

2750

2800

2850

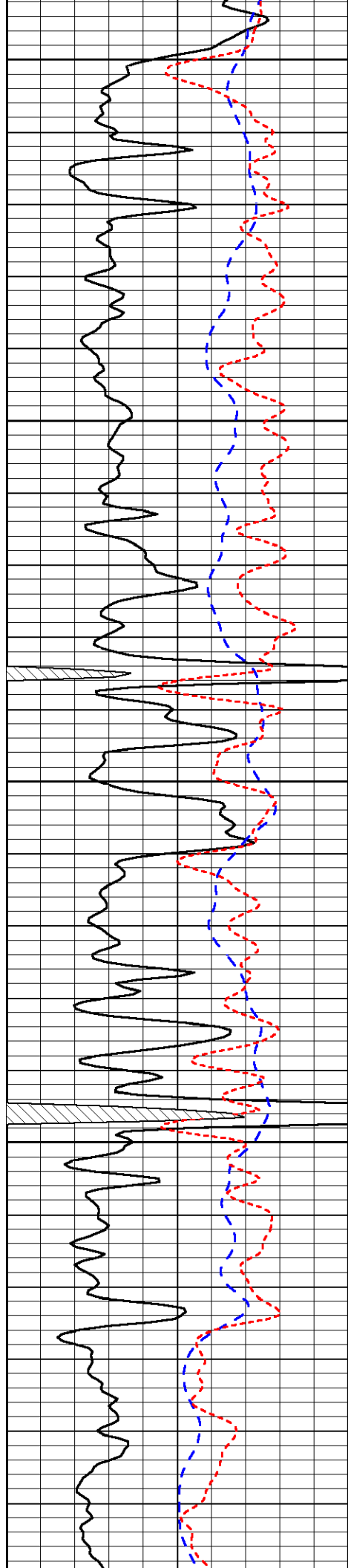


-32

-31

-31

-31



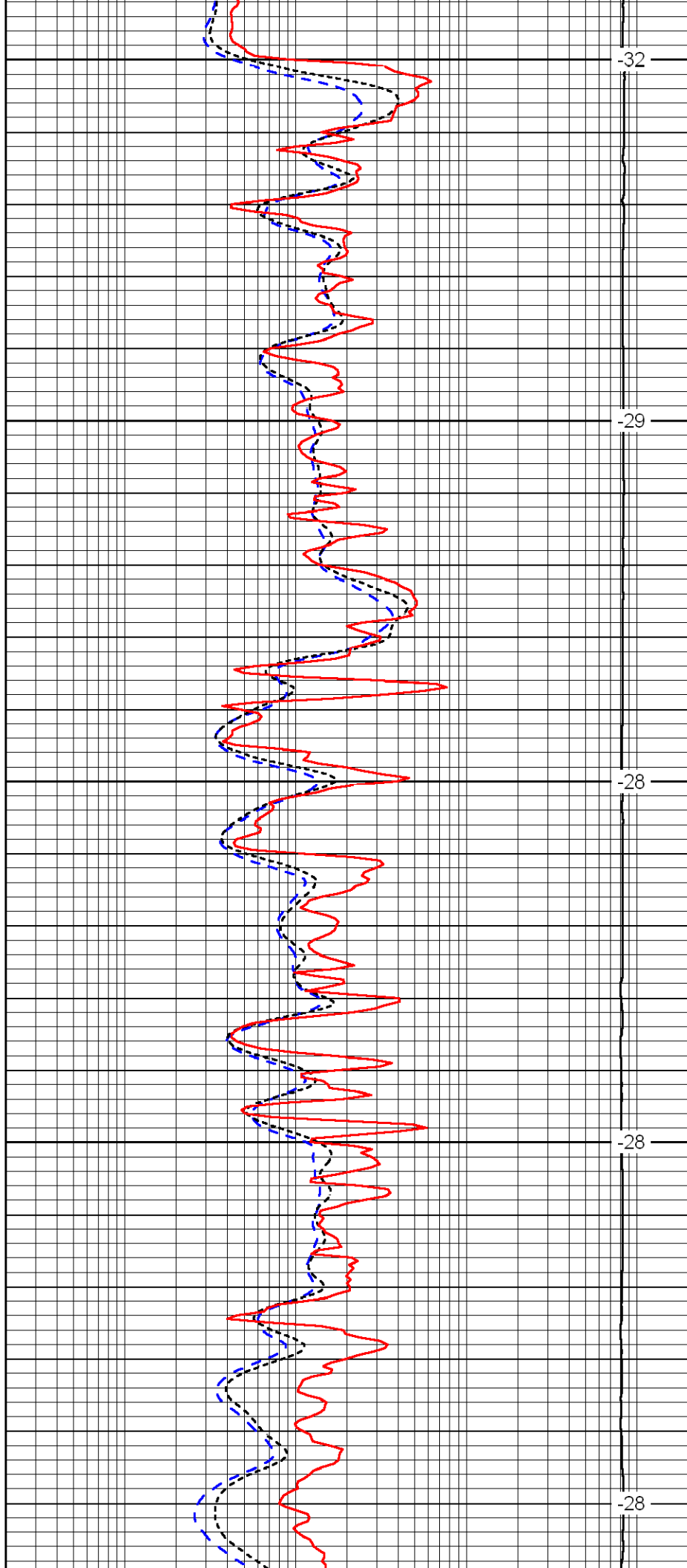
2900

2950

3000

3050

3100



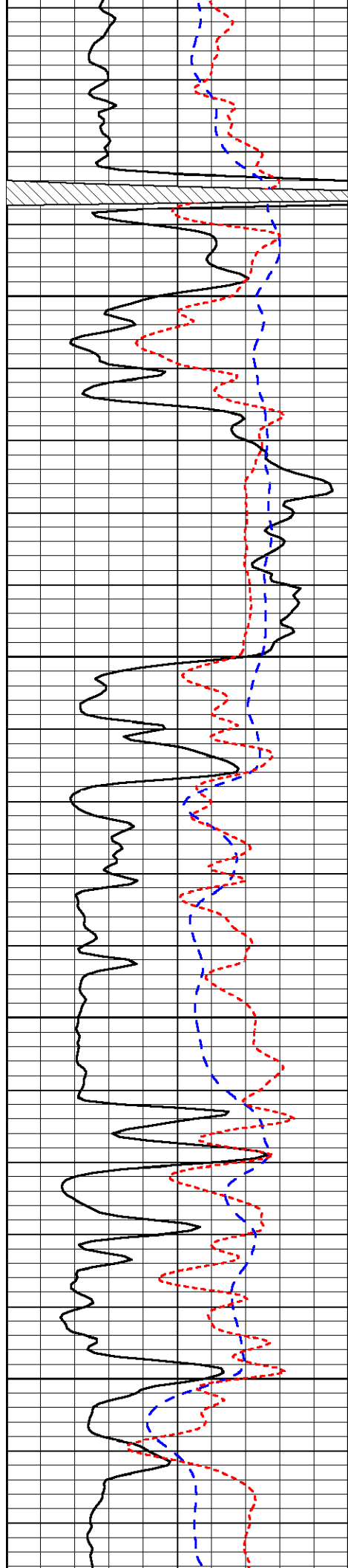
-32

-29

-28

-28

-28

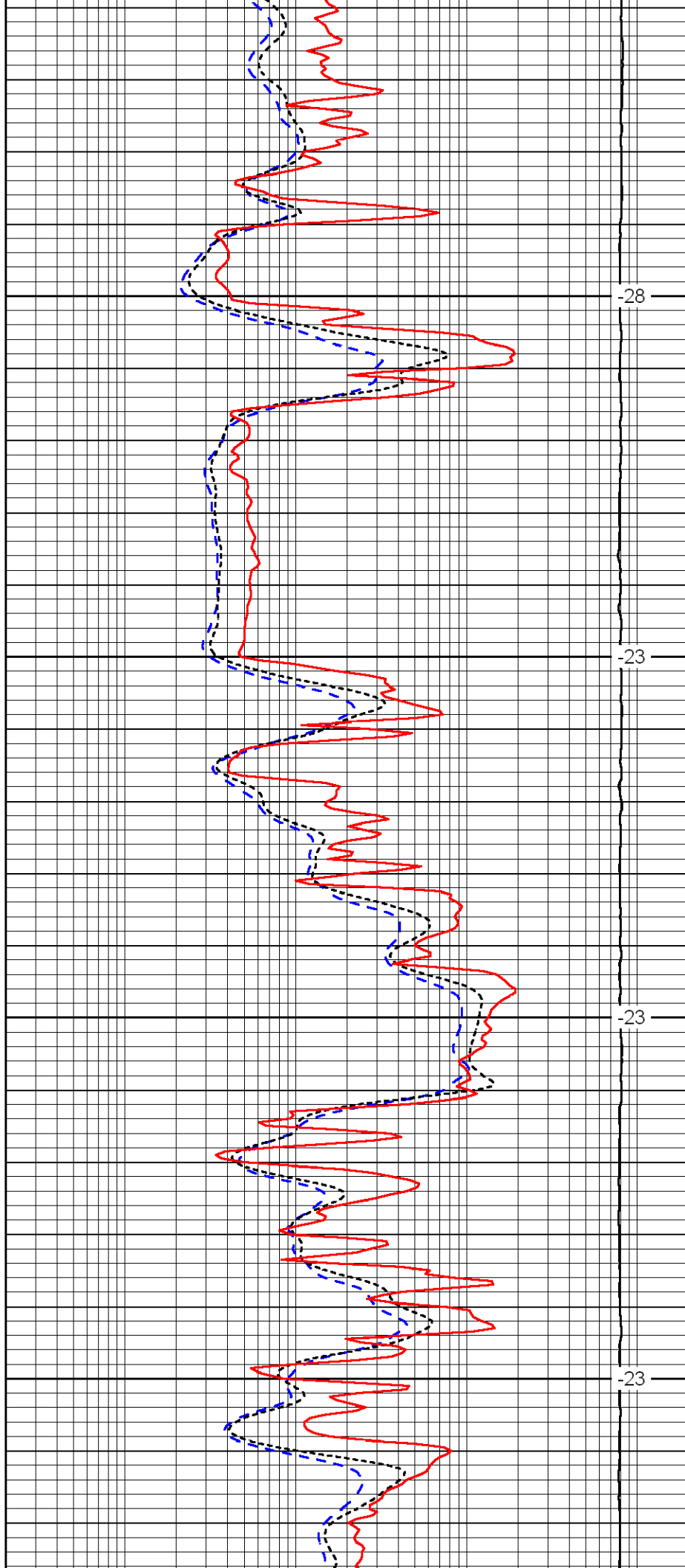


3150

3200

3250

3300

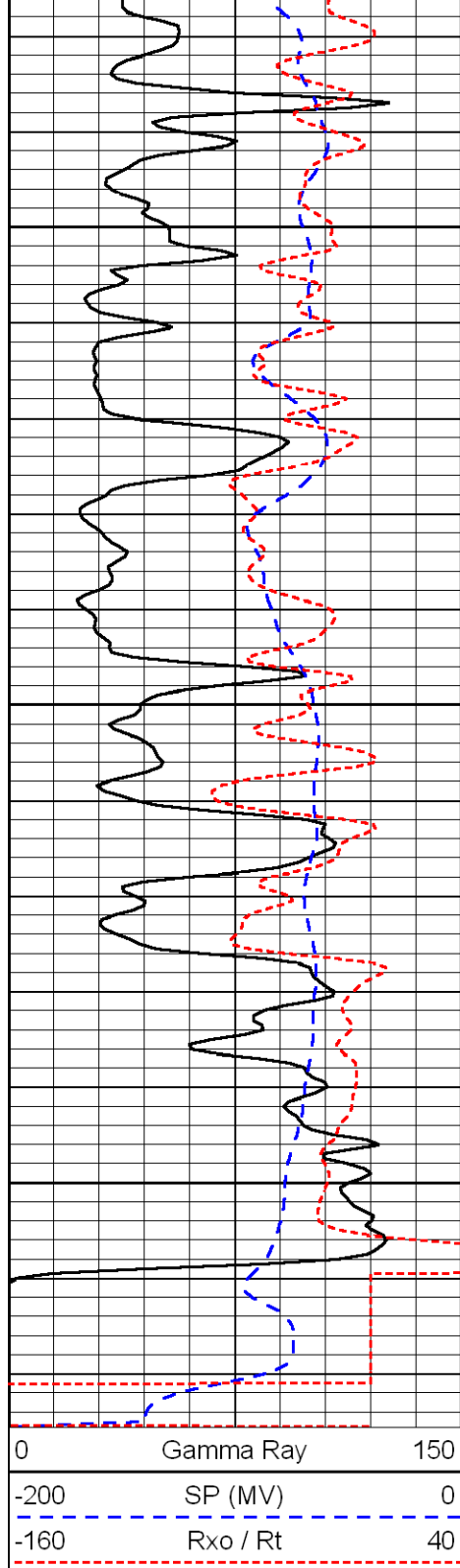


-28

-23

-23

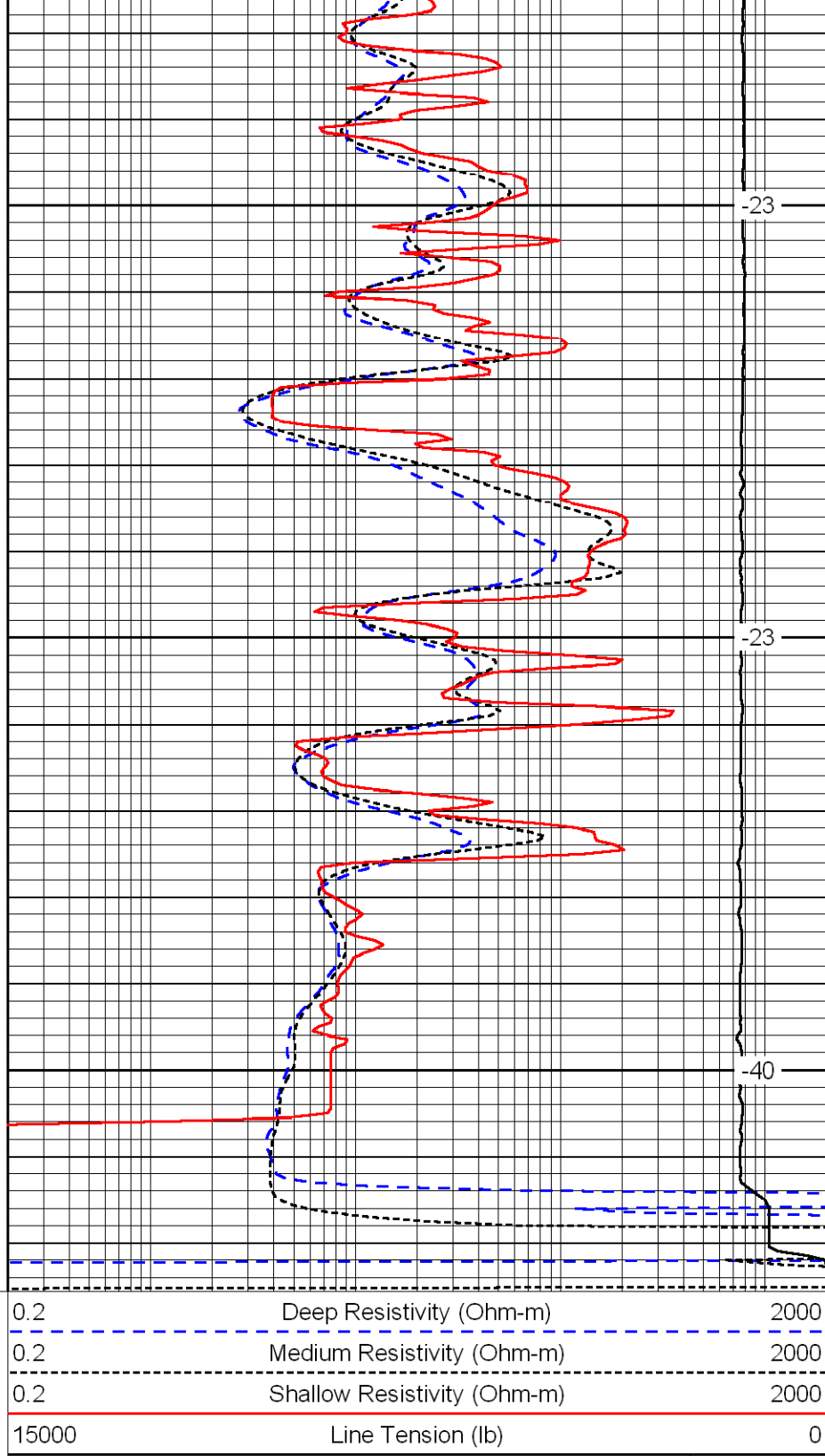
-23



3350

3400

3450



-23

-23

-40

LSPD
(ft/min)