



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-009-25,699-00-00

Company H & D Exploration, LLC.

Well Doonan "A" #1

Field Lake Barton

County Barton State

Kansas

Location

NE NW/SE NE
1342' FNL & 730' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 28

Twp: 18 S

Rge: 13 W

Elevation

Permanent Datum

Ground Level

Elevation

Log Measured From

Kelly Bushing

K.B. 1812

Drilling Measured From

From Kelly Bushing

D.F. 1804

Date

6/03/2012

Run Number

One

Depth Driller

3375

Depth Logger

3375

Bottom Logged Interval

3374

Top Log Interval

700

Casing Driller

8.625 @ 711

Casing Logger

710

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

9.800

Density / Viscosity

9.1 57

pH / Fluid Loss

10.0 10.0

Source of Sample

Flowline

Rm @ Meas. Temp

.62 @ 79

Rmf @ Meas. Temp

.47 @ 79

Rmc @ Meas. Temp

.84 @ 79

Source of Rmf / Rmc

Charts

Rm @ BHT

.44 @ 112

Operating Rig Time

5 Hours

Max Rec. Temp. F

112

Equipment Number

91

Location

Hays

Recorded By

K. Bange

Witnessed By

Kurt Talbott

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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

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(785) 625-3858

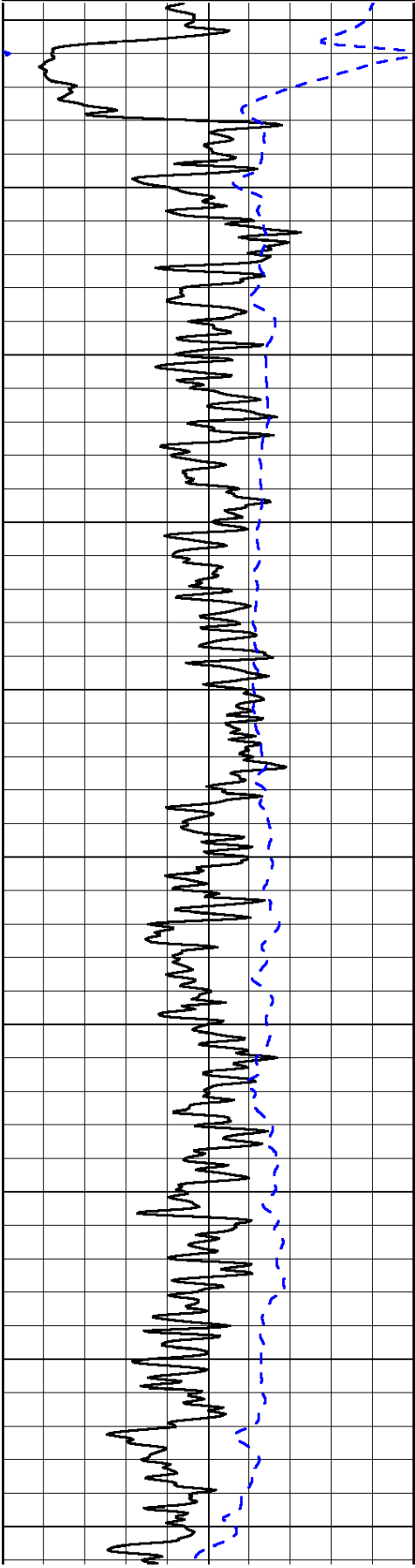
Hoisington, 4 S to NE 60 rd,
1 E to NE 10 rd, 1 N, W into

Database File: c:\warrior\data\h & d exploration_doonan a #1\h&d060312hd.db
Dataset Pathname: dil\hdstack
Presentation Format: dil2in
Dataset Creation: Sun Jun 03 16:38:53 2012
Charted by: Depth in Feet scaled 1:600

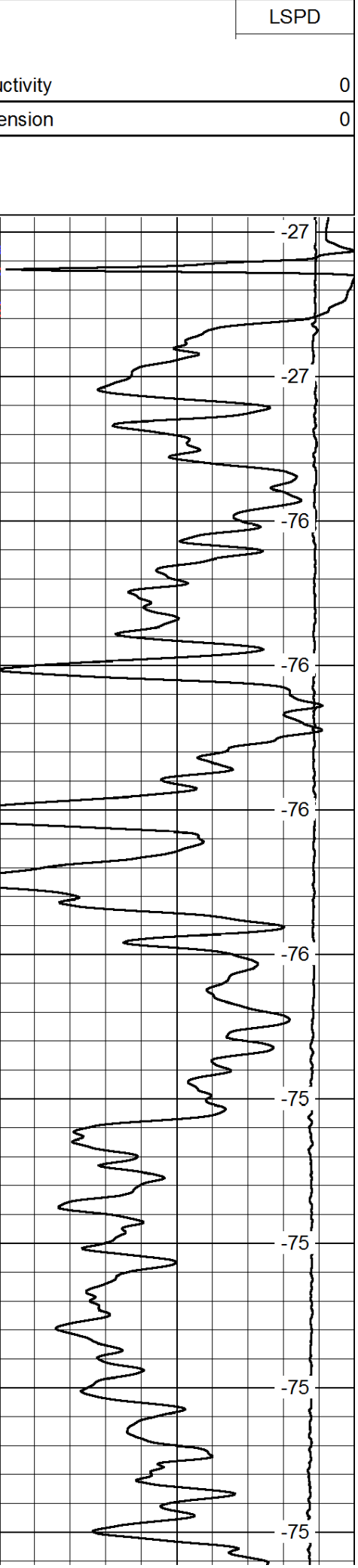
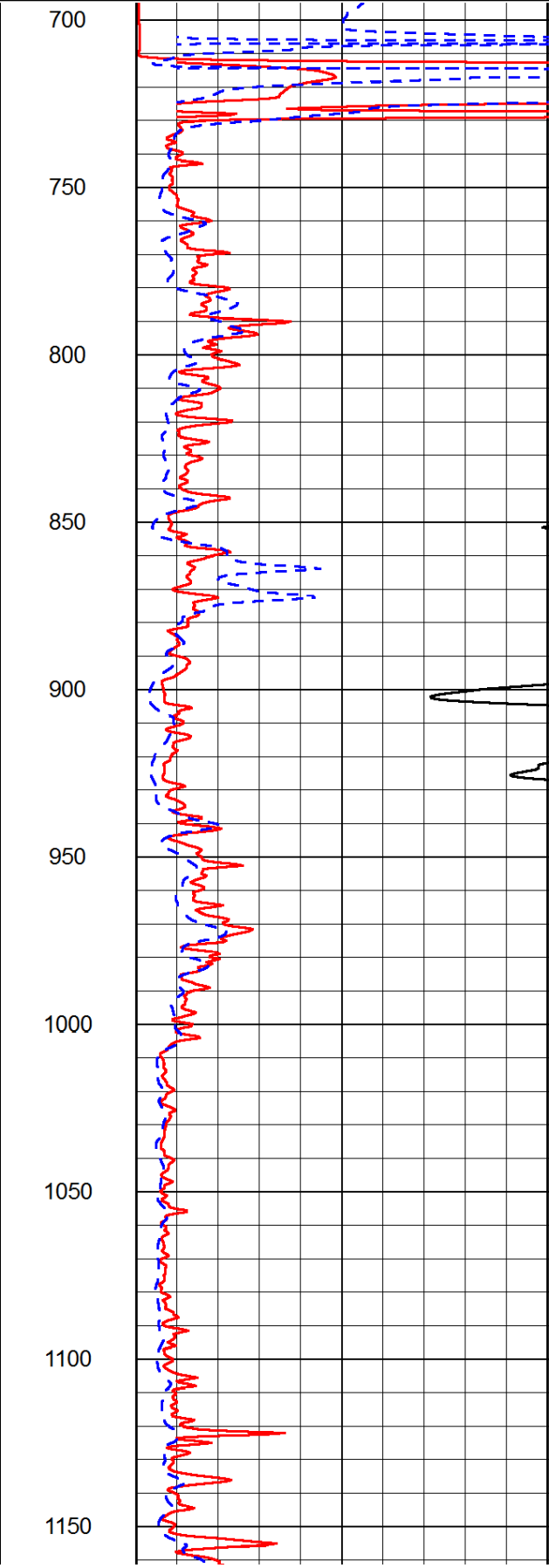
Charted by: Depth in Feet scaled 1:600

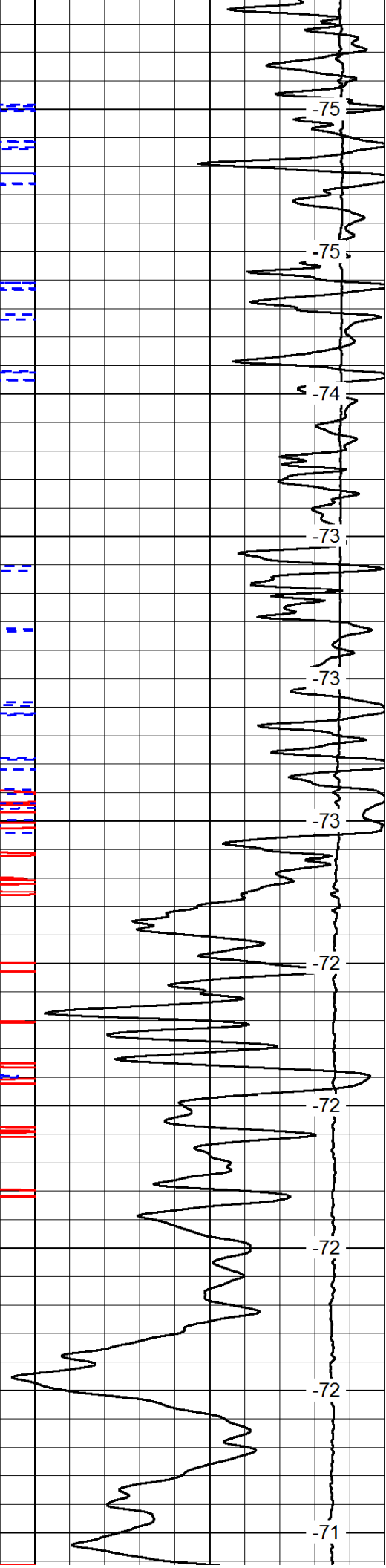
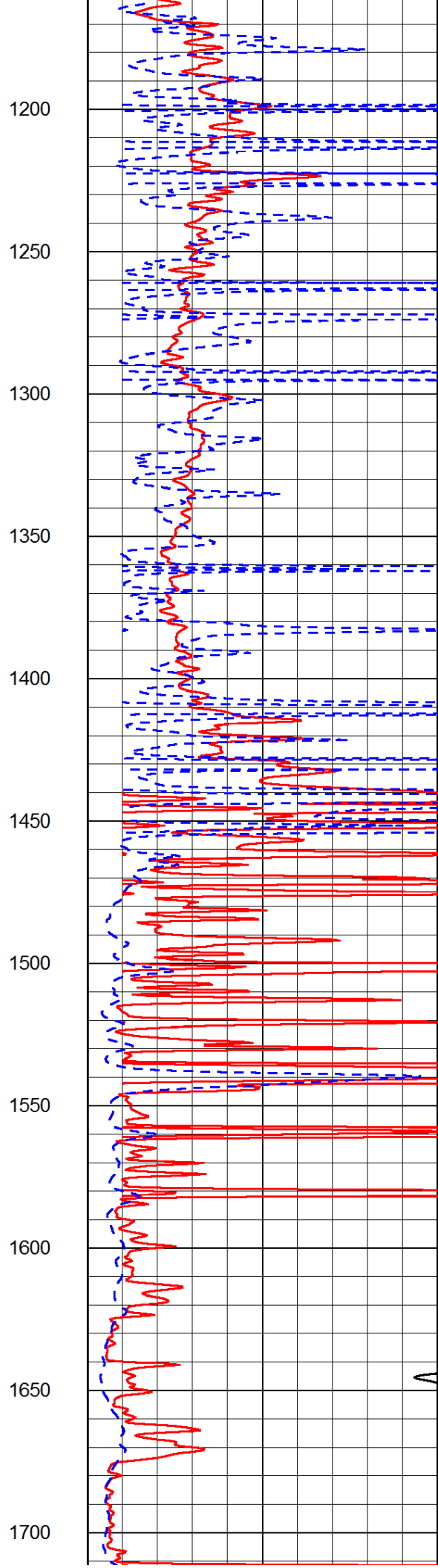
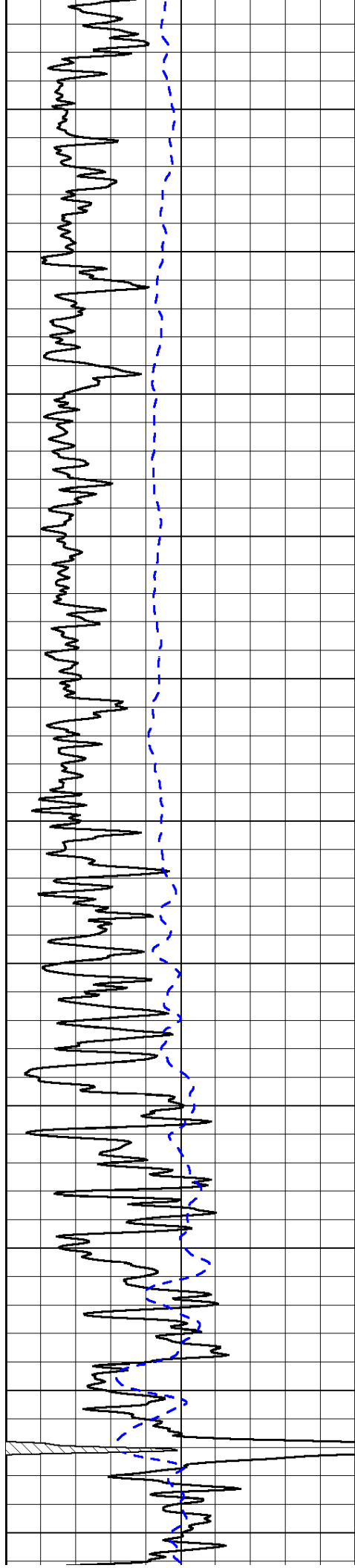
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-200	SP (mV)	0

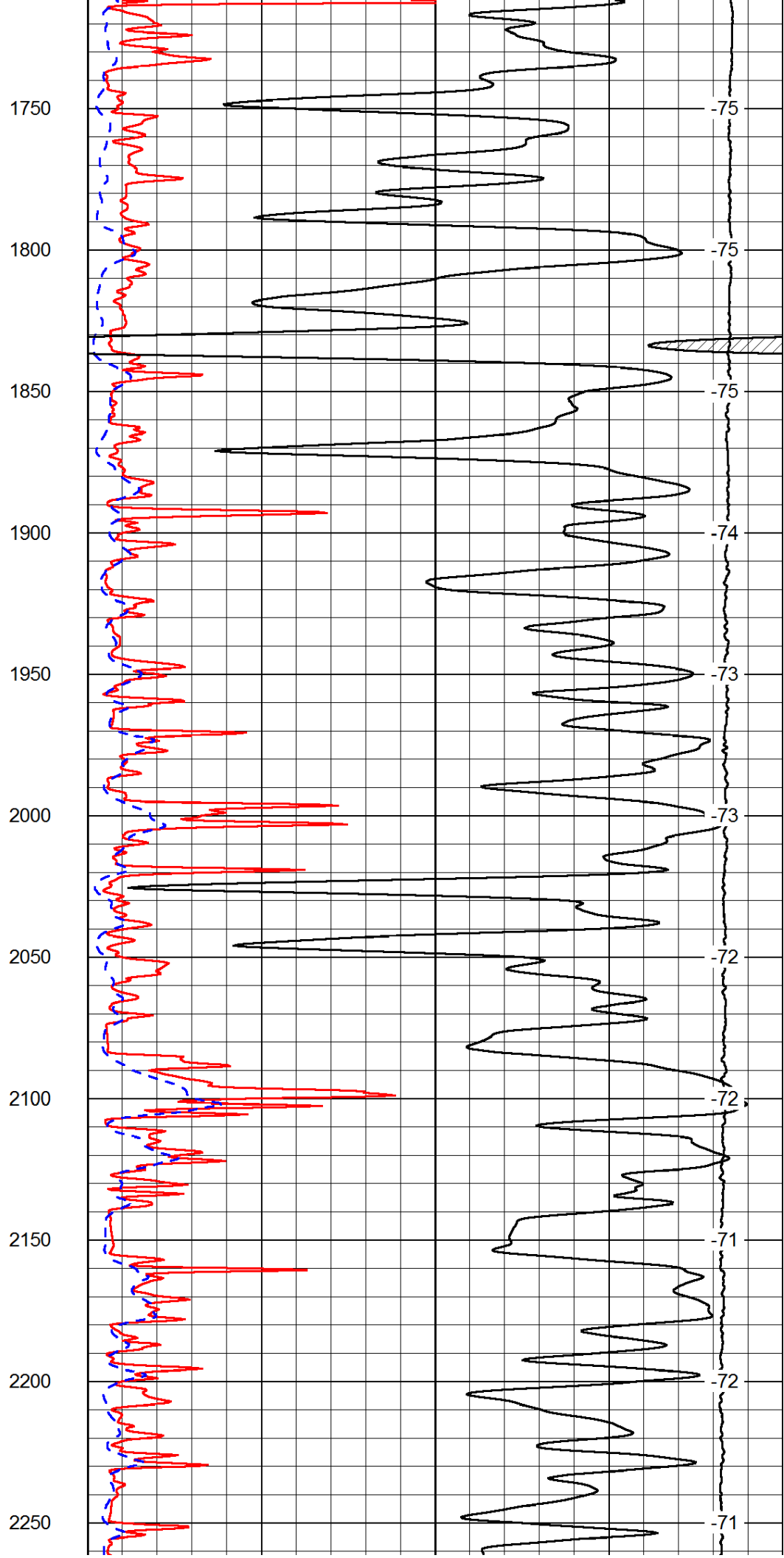
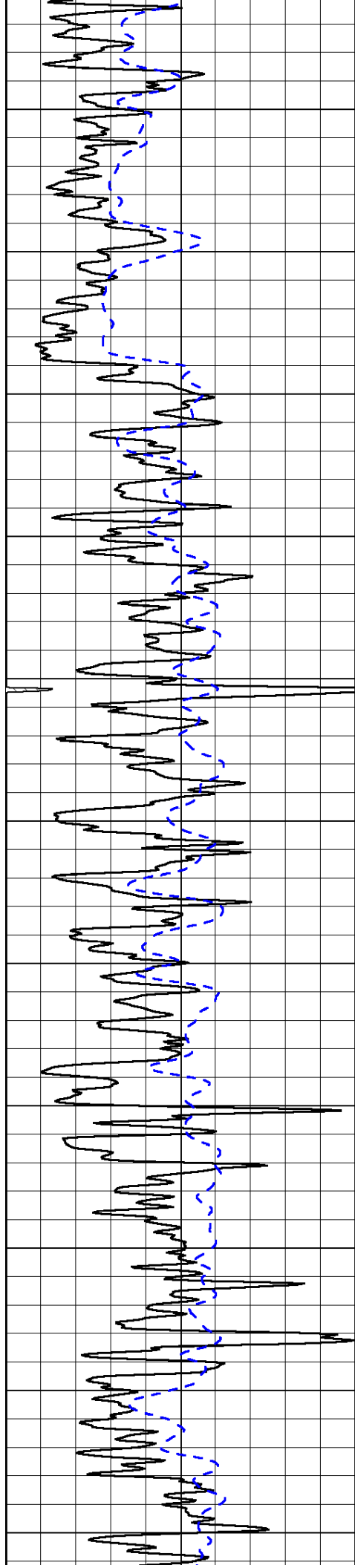
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

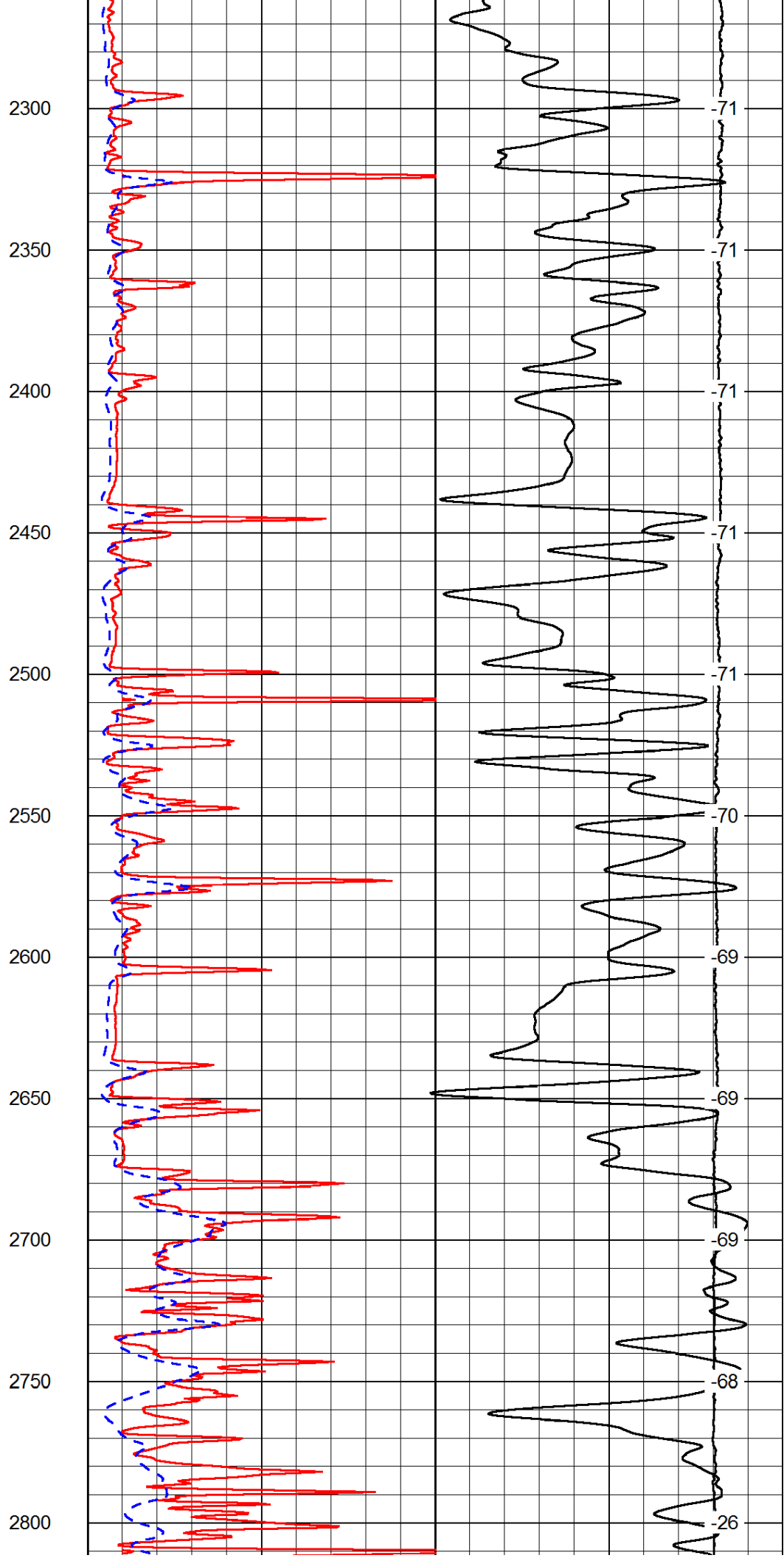
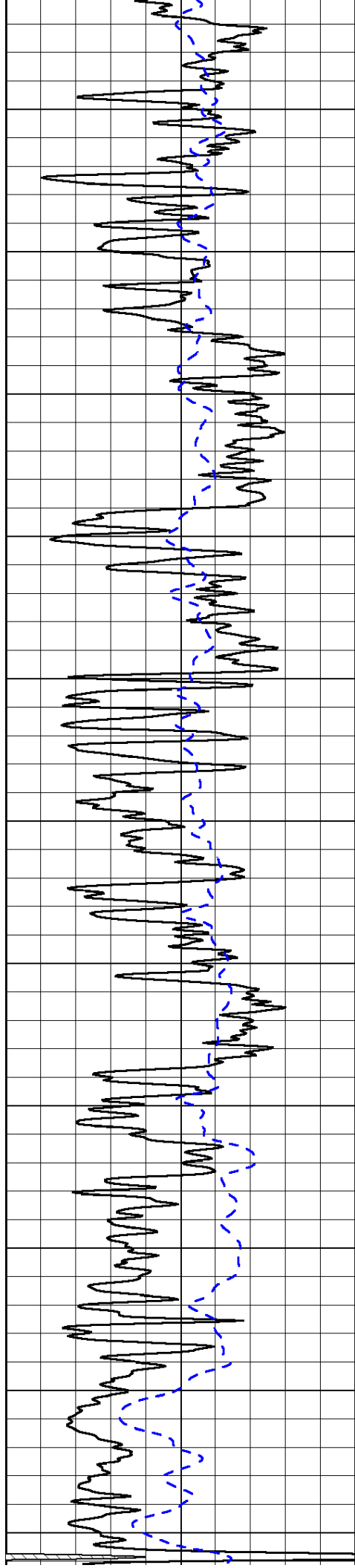


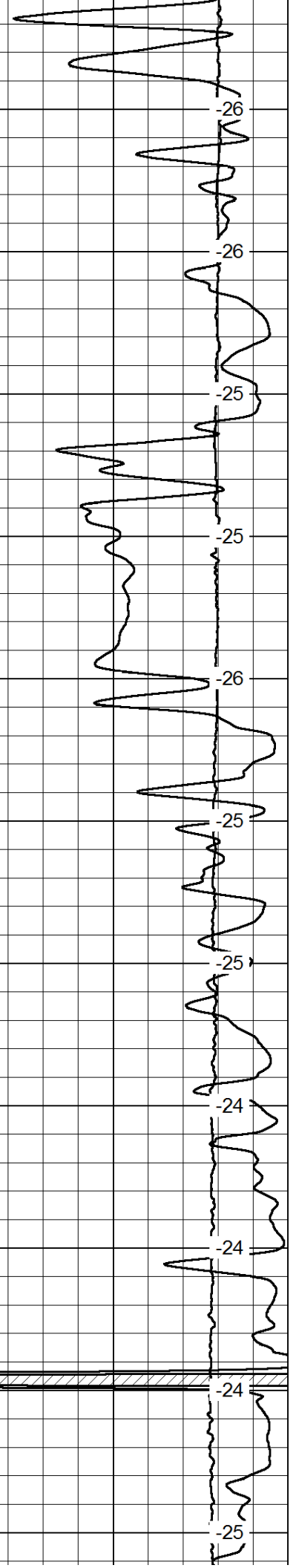
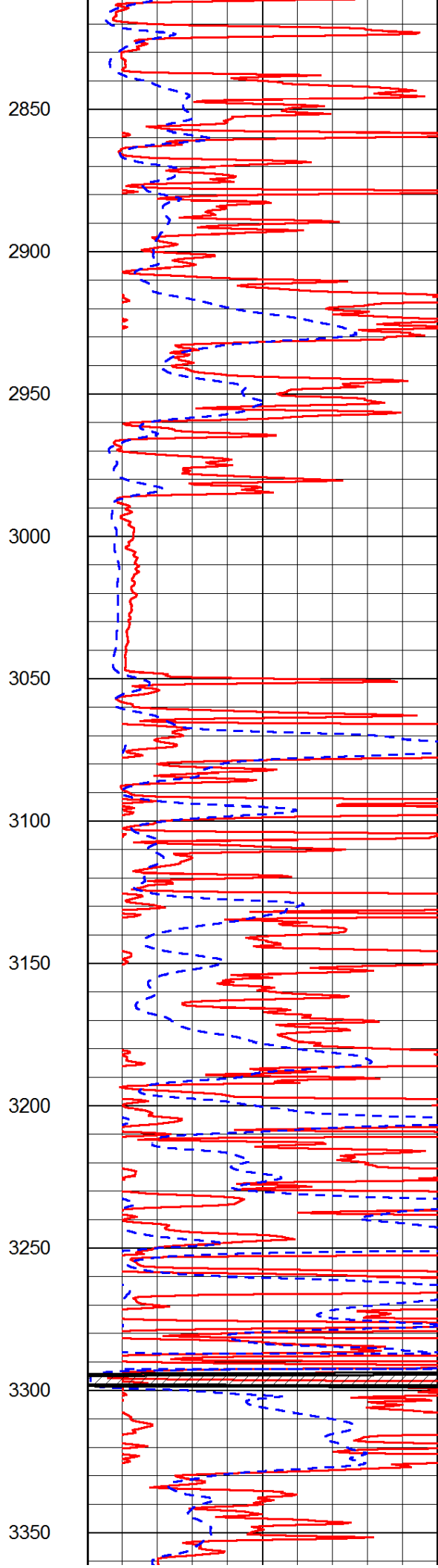
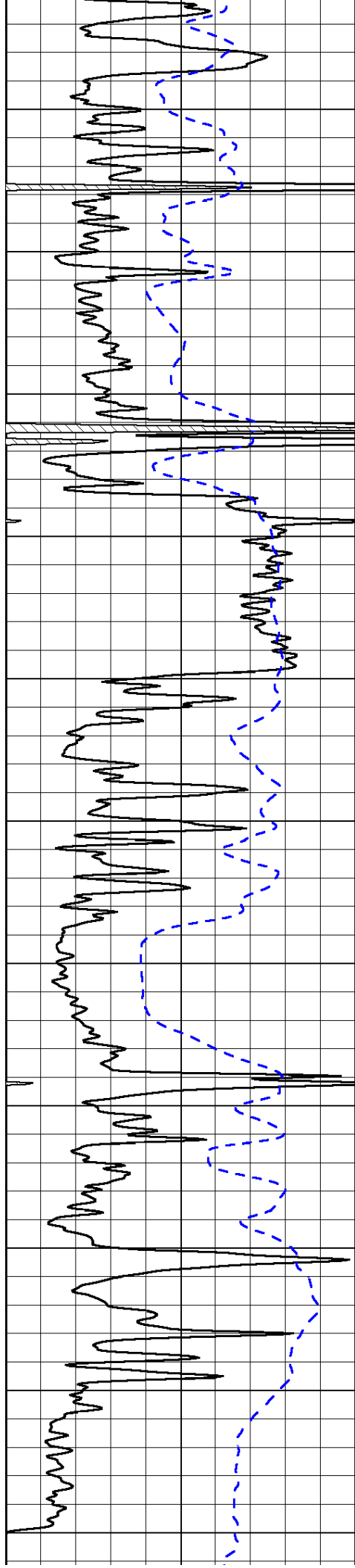
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15000	Line Tension	0

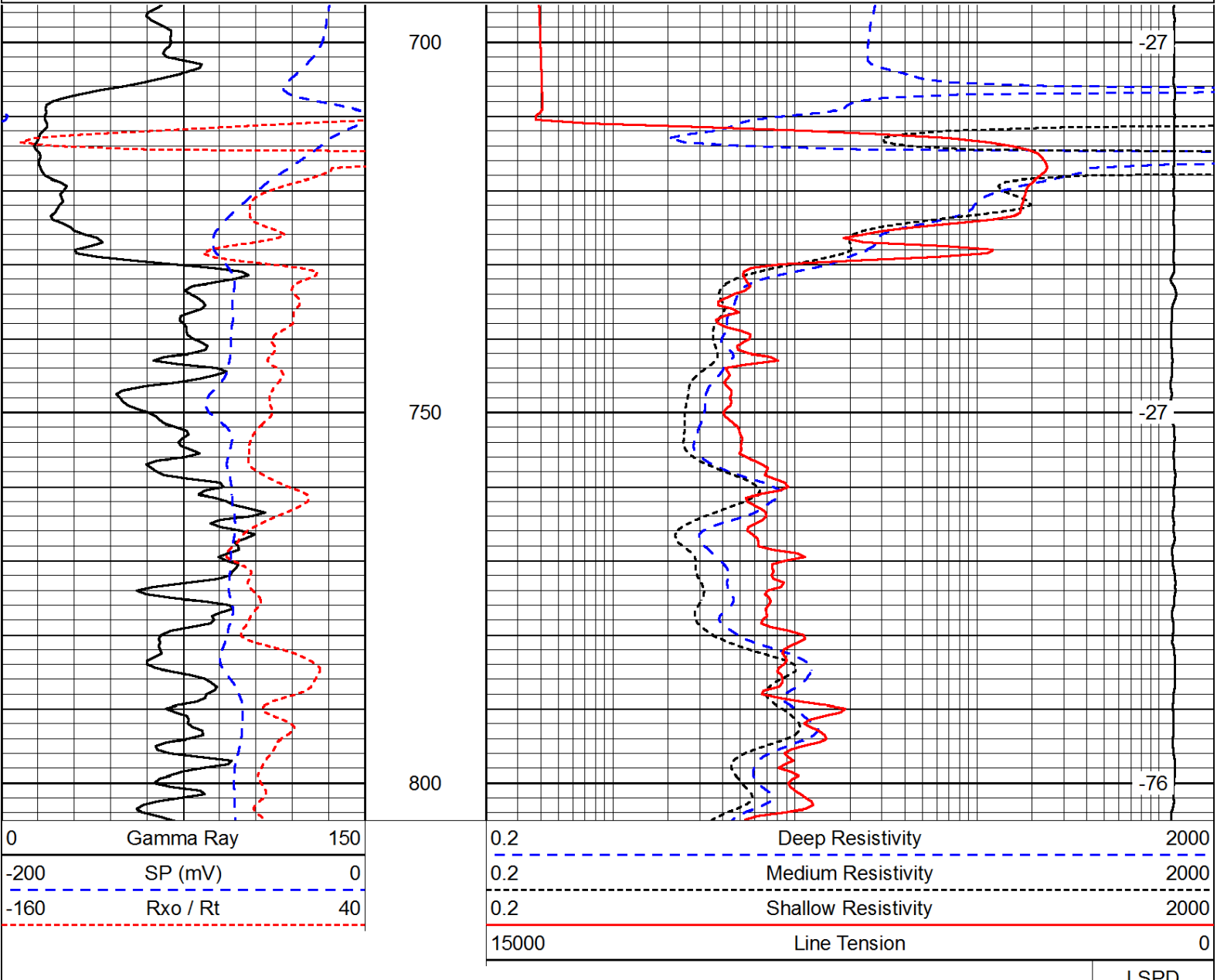
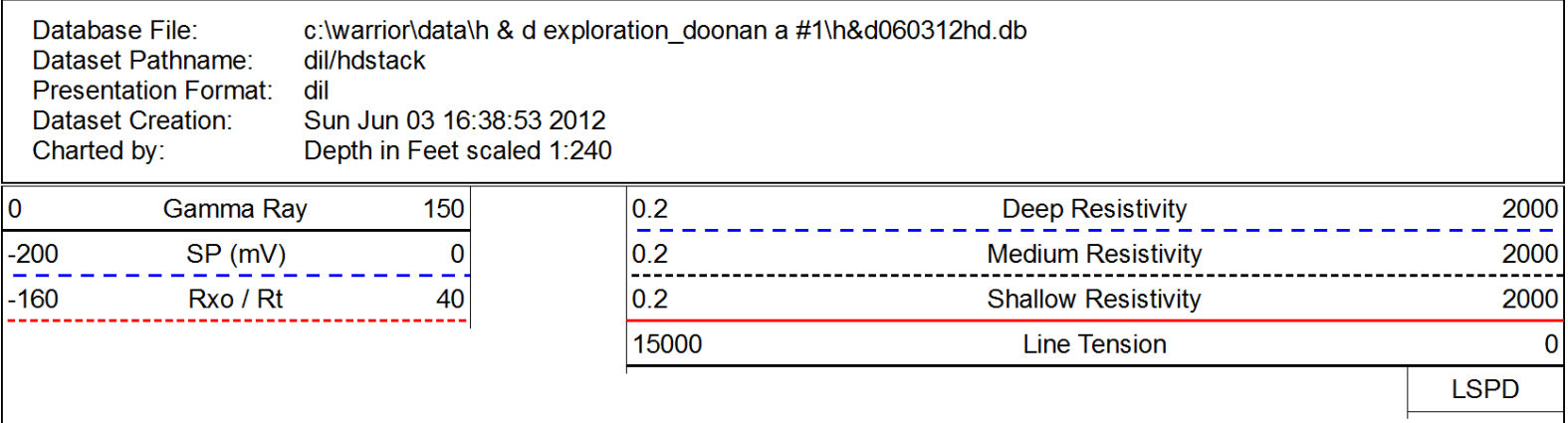
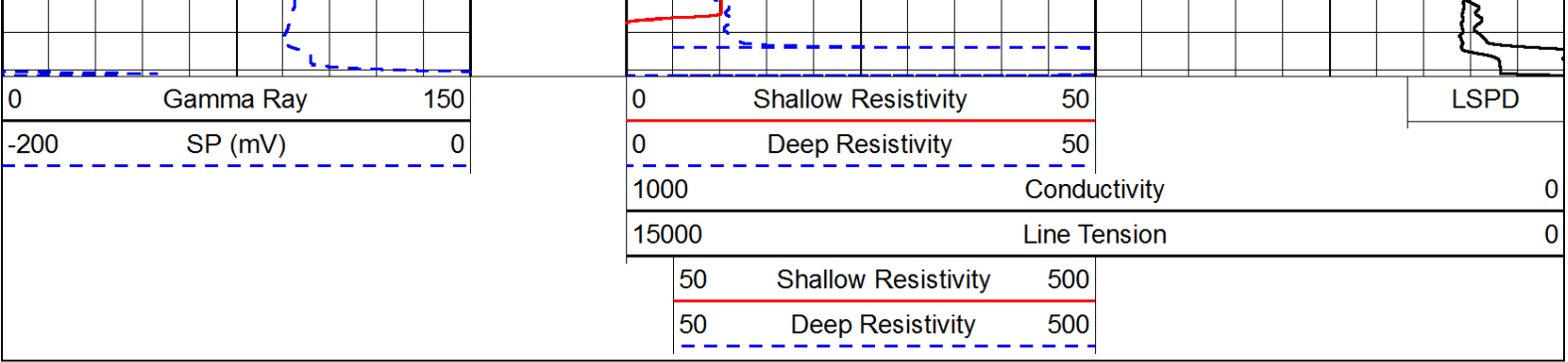










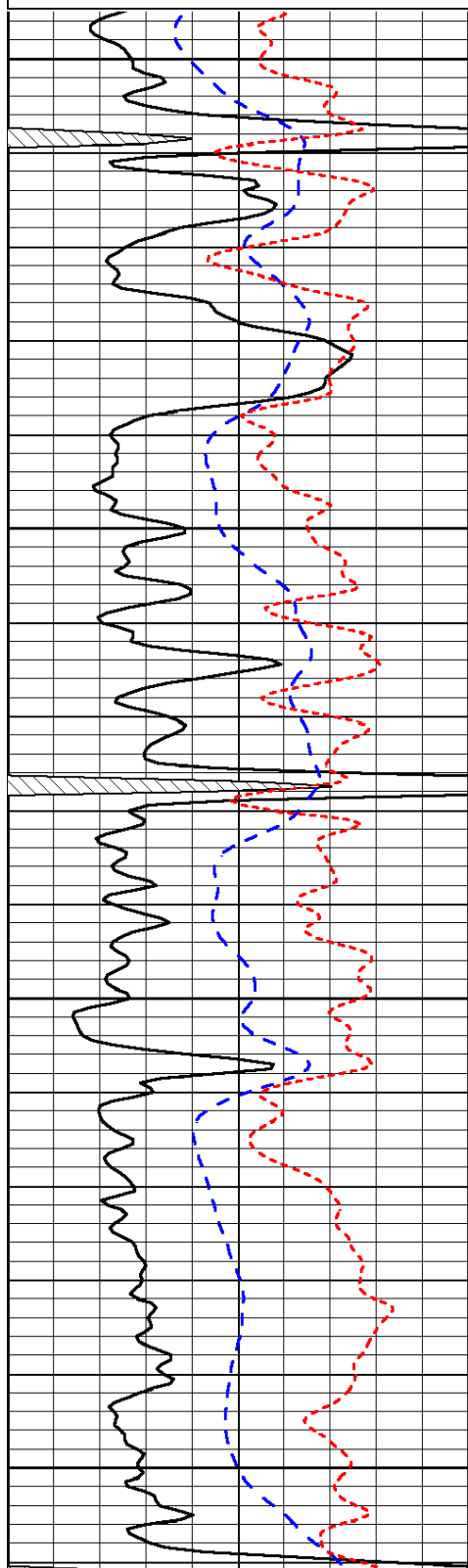


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Dataset Pathname: dil/hdstack
Presentation Format: dil
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD

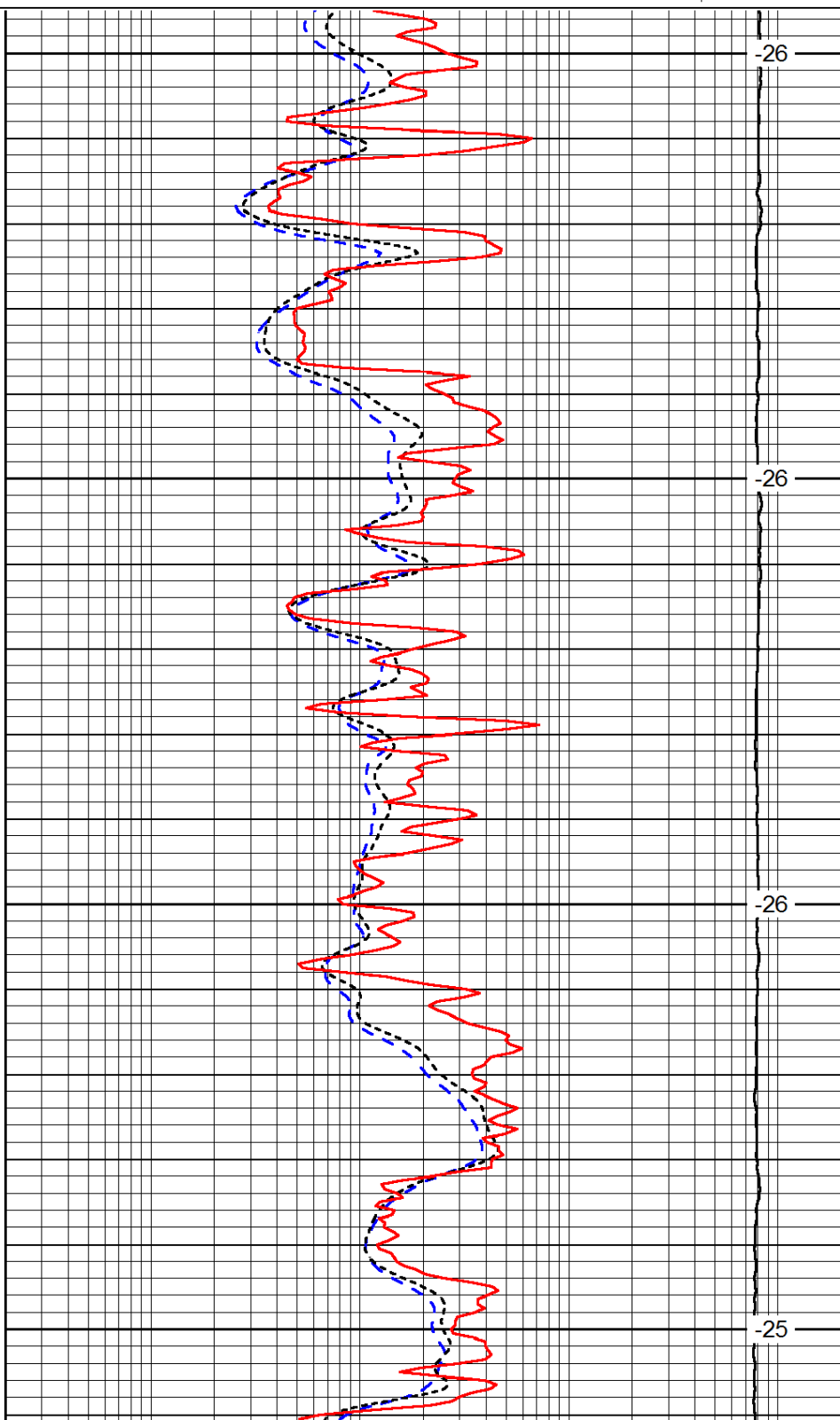


2800

2850

2900

2950

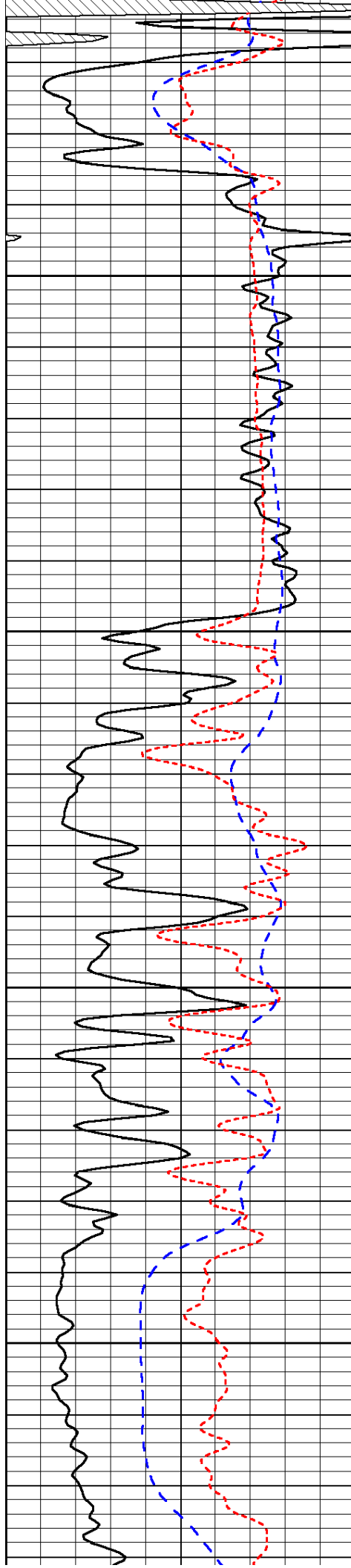


-26

-26

-26

-25

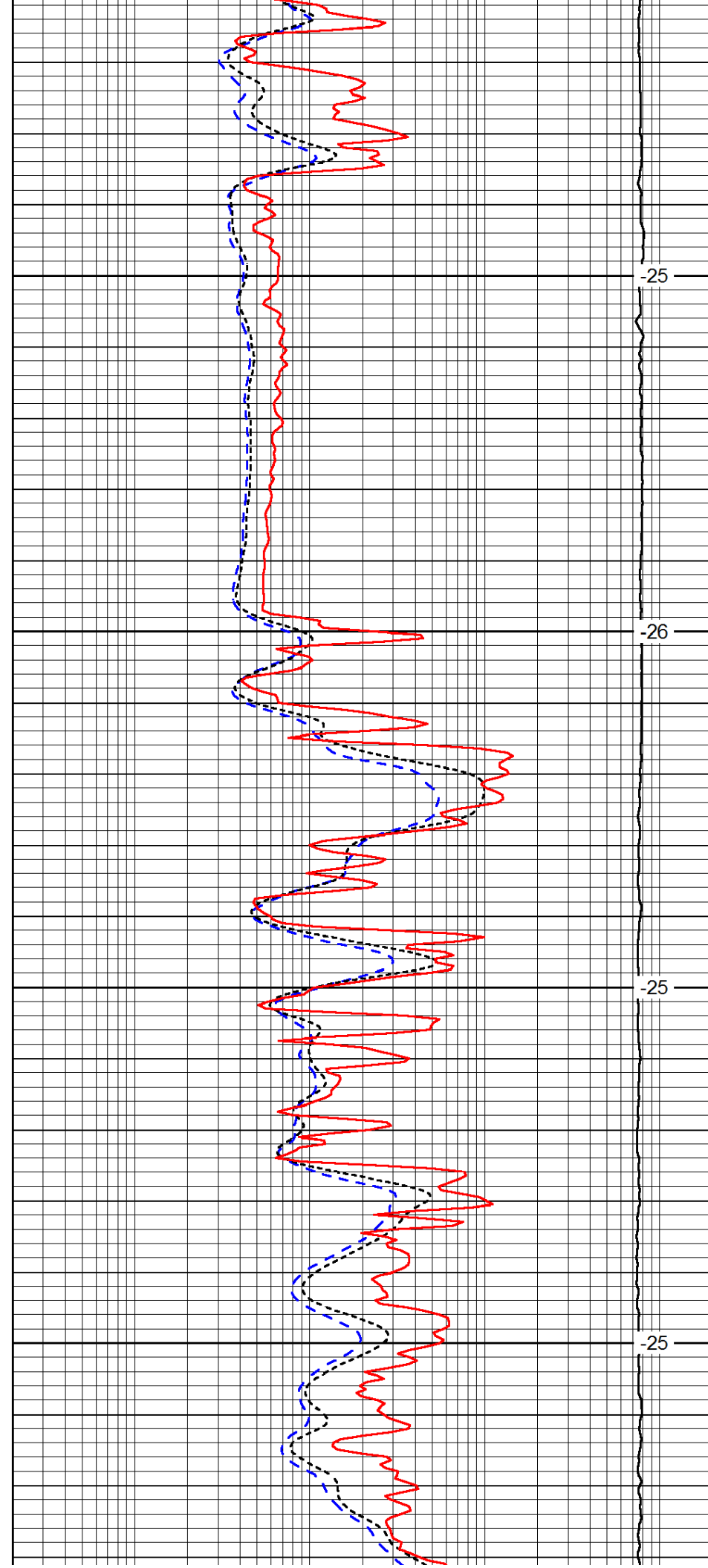


3000

3050

3100

3150

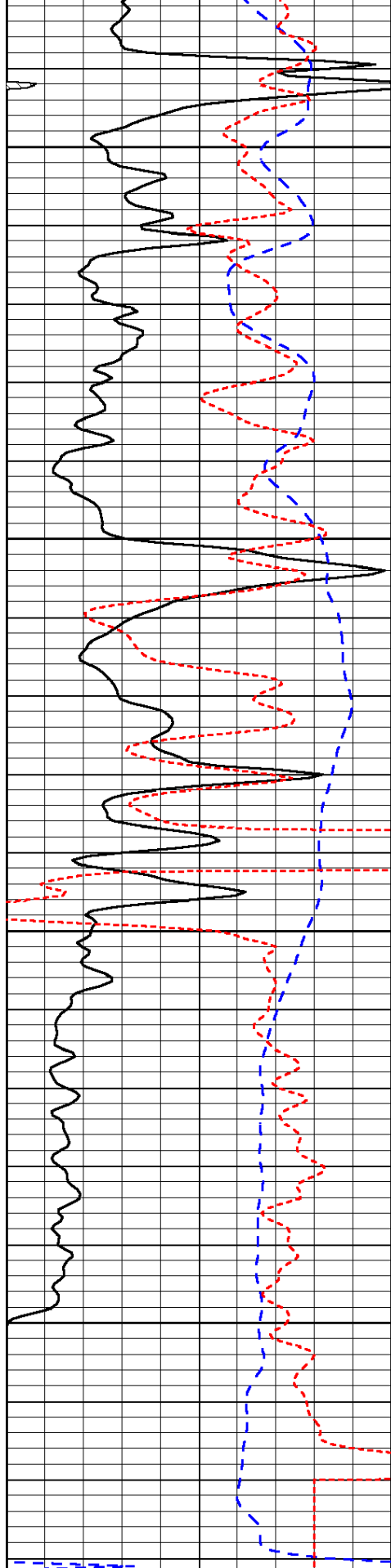


-25

-26

-25

-25



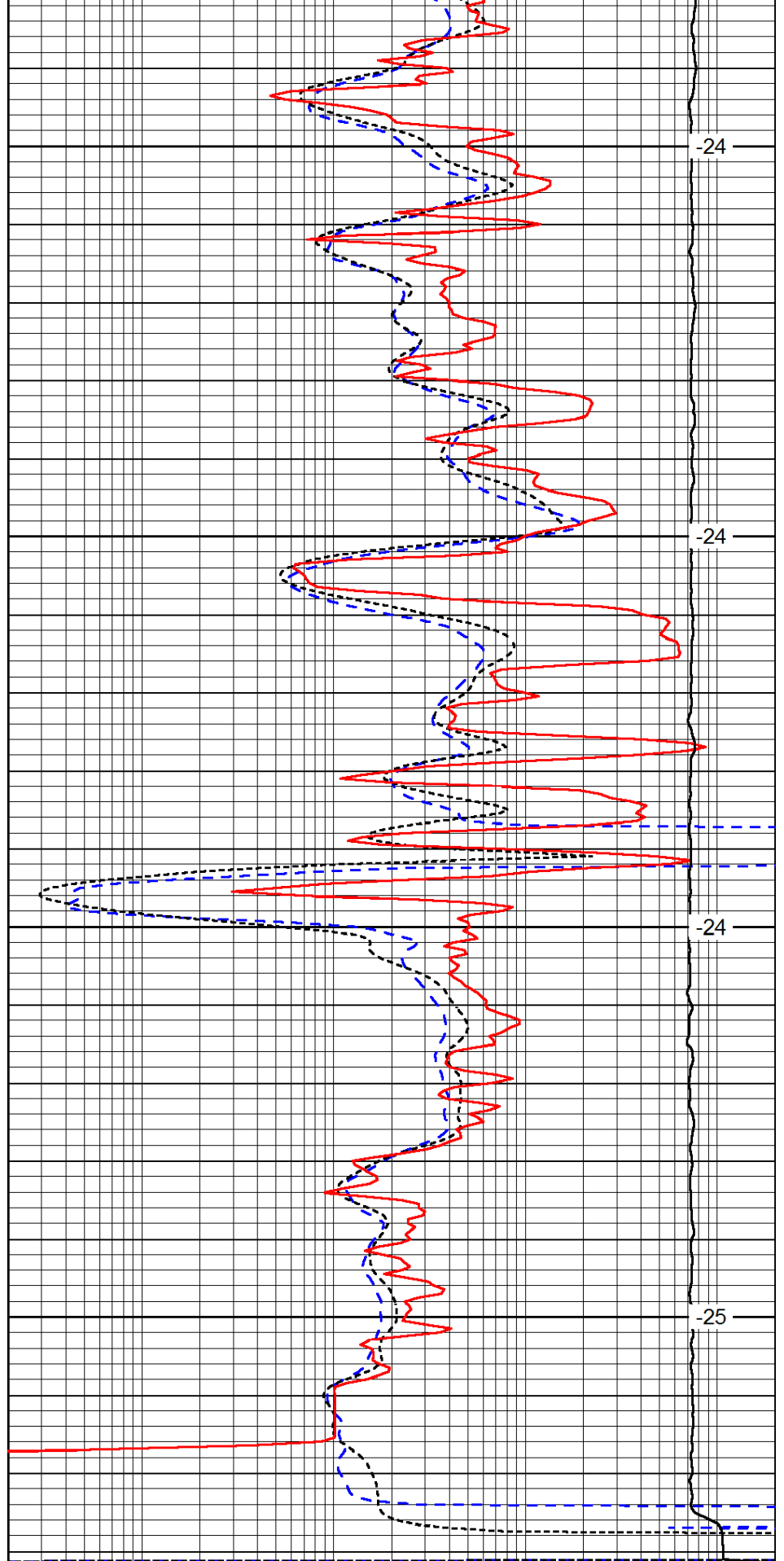
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

3200

3250

3300

3350



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

-24

-24

-24

-25

