



DIGITAL LOG (785) 625-3858

Dual Induction Log

Company **Herman L. Loeb, LLC**

Well **Eva Richardson No. 4-19**

Field **Mong**

County **Trego**

State

Kansas

Location

**SE SW NE SE
1,520' FSL & 985' FEL**

Other Services
CNL/CDL
MEL

Sec: 19

Twp: 11S

Rge: 22W

Elevation

Elevation 2291

Permanent Datum Ground Level
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2302
D.F.
G.L. 2291

15-195-22,785-00-00

Date 6/5/2012

Run Number One

Depth Driller 3990

Depth Logger 3990

Bottom Logged Interval 3989

Top Log Interval 250

Casing Driller 8.625 @ 250

Casing Logger 260

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2600

Density / Viscosity 9.3 52

pH / Fluid Loss 10.5 7.8

Source of Sample Flowline

Rm @ Meas. Temp .87 @ 74

Rmf @ Meas. Temp .65 @ 74

Rmc @ Meas. Temp 1.17 @ 74

Source of Rmf / Rmc Charts

Rm @ BHT .56 @ 116

Operating Rig Time 4 Hours

Max Rec. Temp. F 116

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By Jim Hall

<<< 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

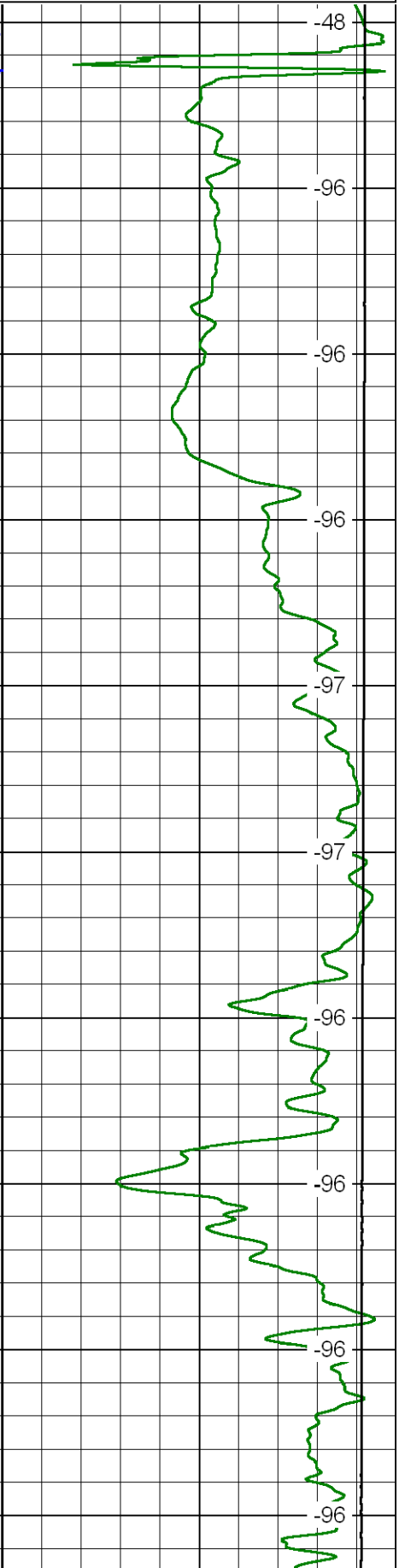
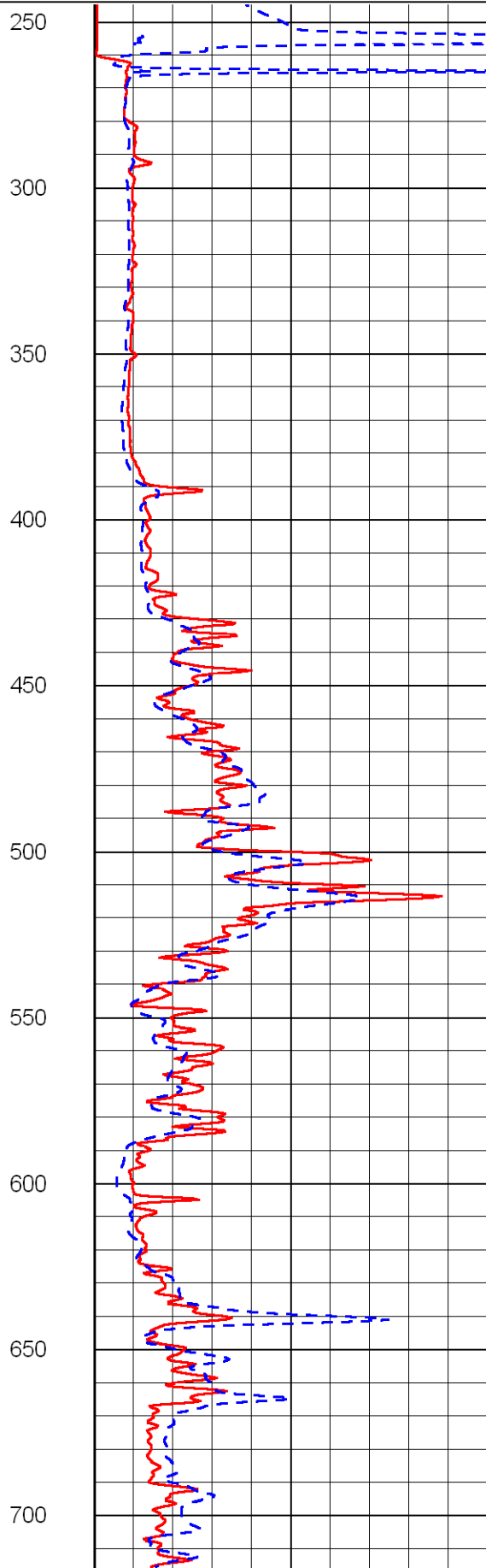
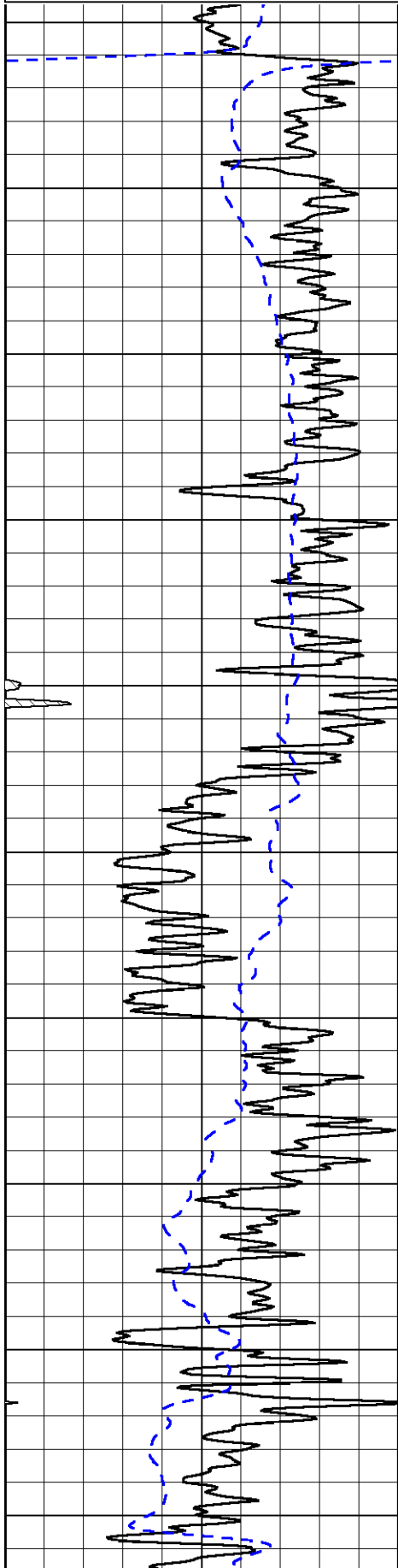
Wakeeney (North Edge), 4 East on H Road to 300 Road, 3 1/4 North, West Into (North side of Tank Battery

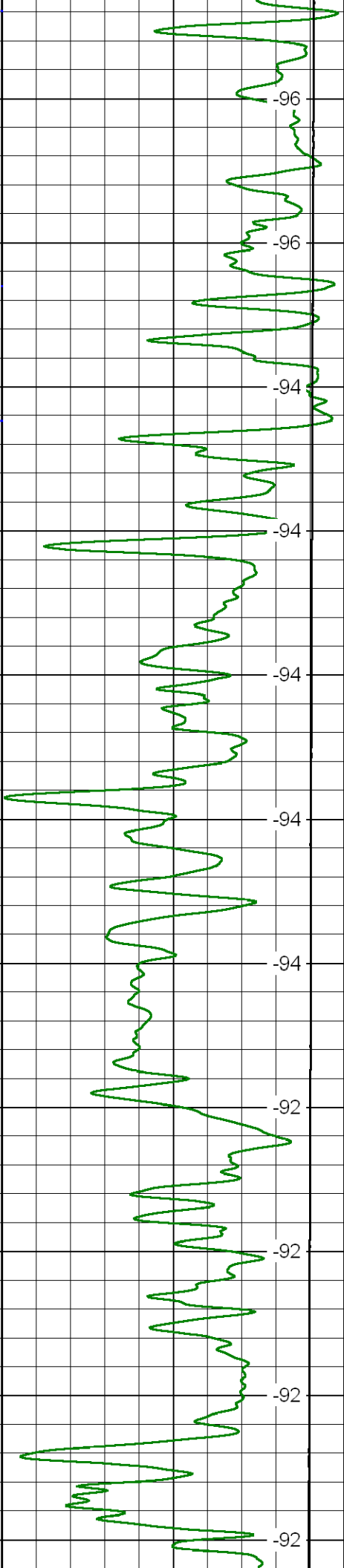
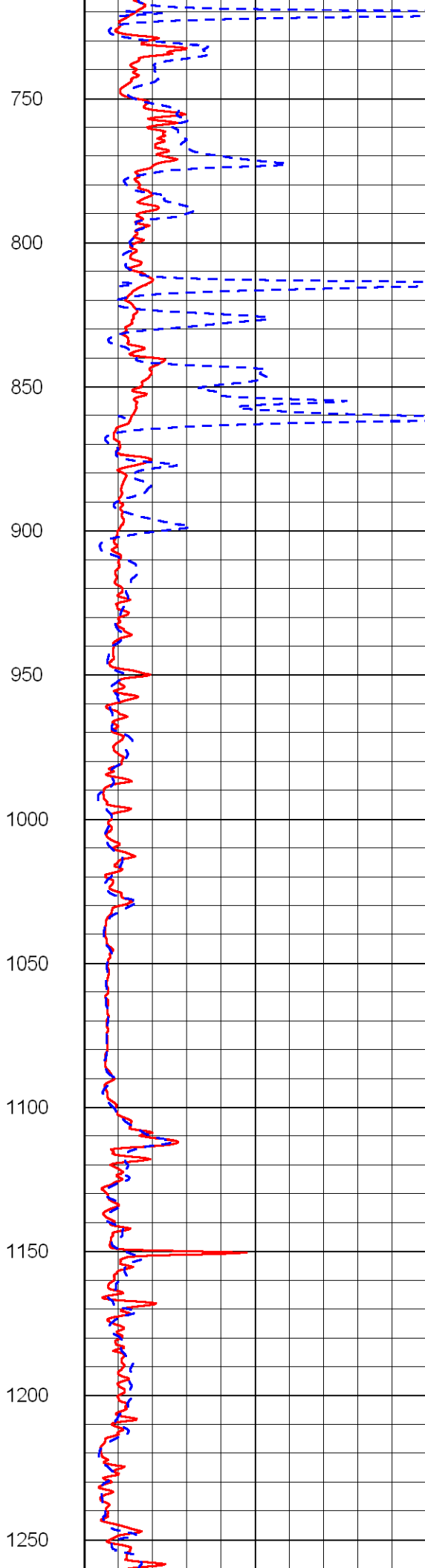
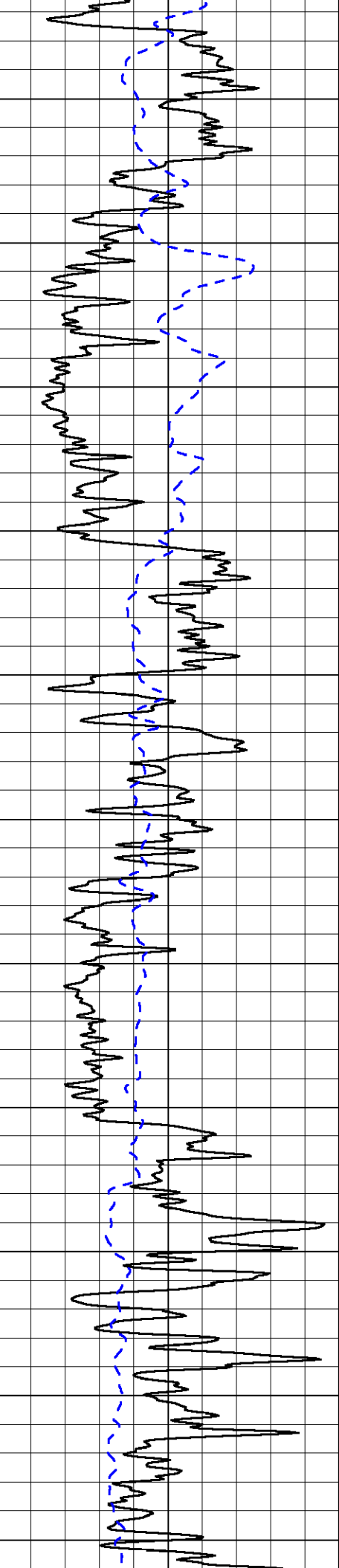
Database File: hermanlloeb_evarichardson_4-19hd.db
Dataset Pathname: dil/hermstock
Presentation Format: dil2in
Dataset Creation: Tue Jun 05 06:40:59 2012
Charted by: Depth in Feet scaled 1:600

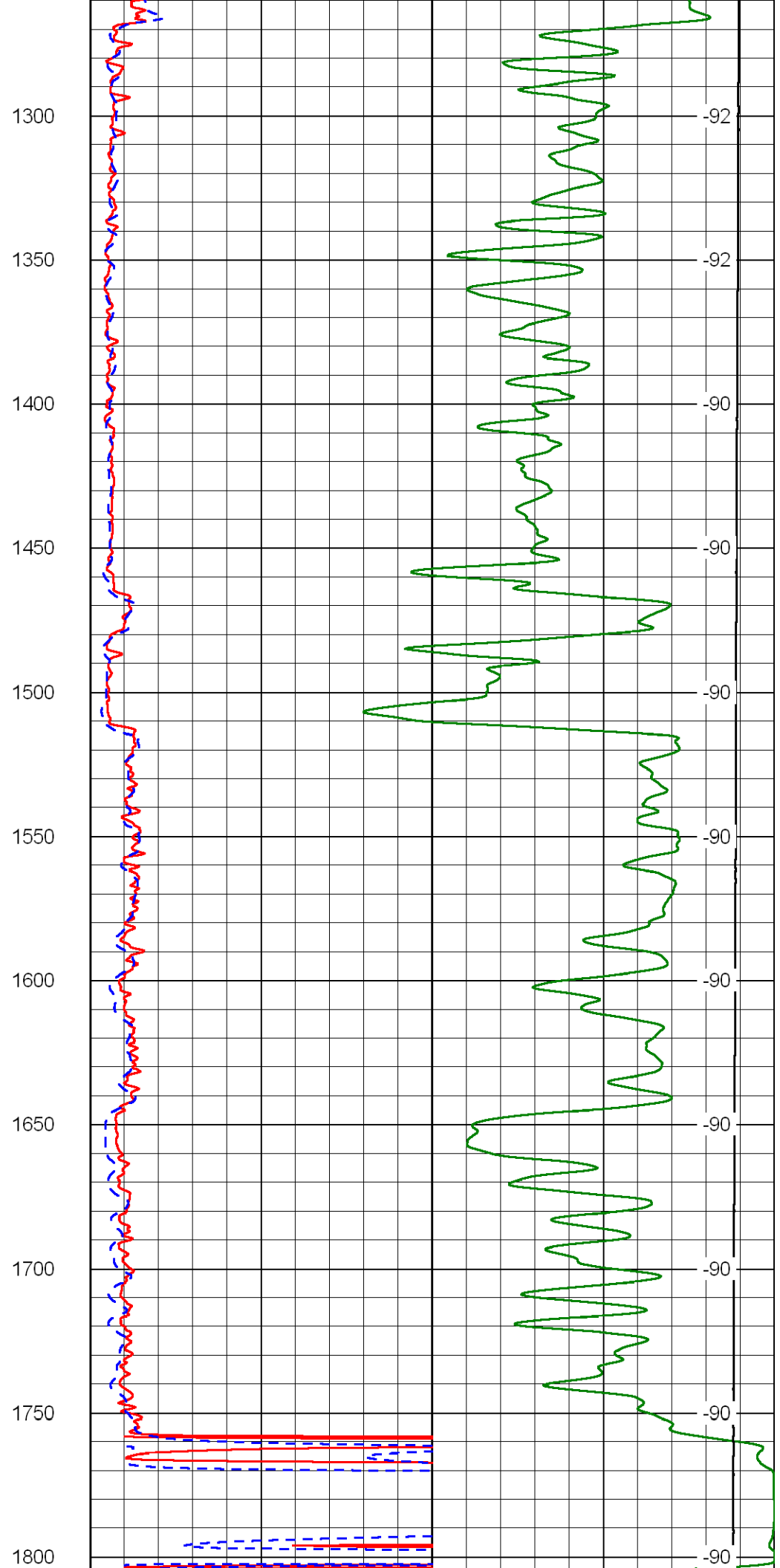
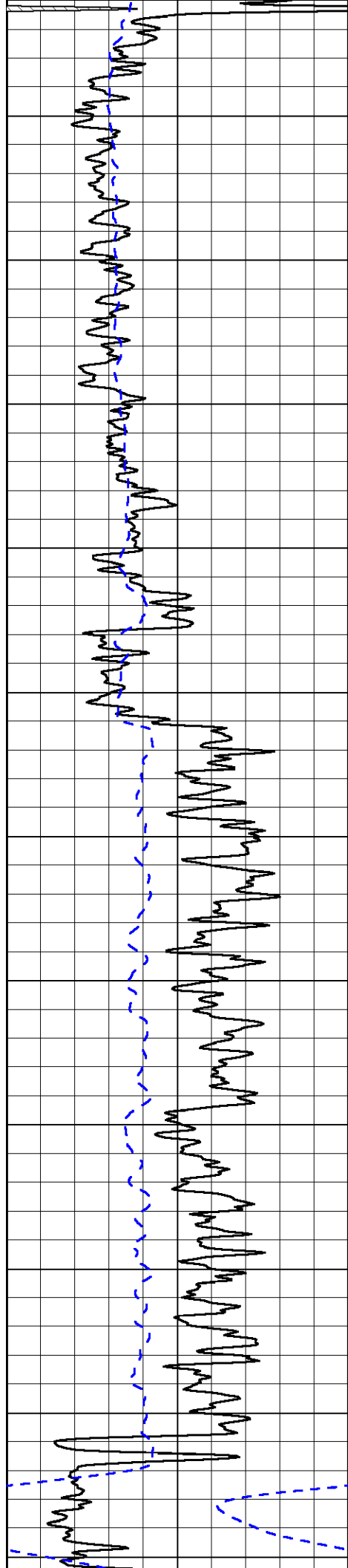
0	Gamma Ray	150
-200	SP	0

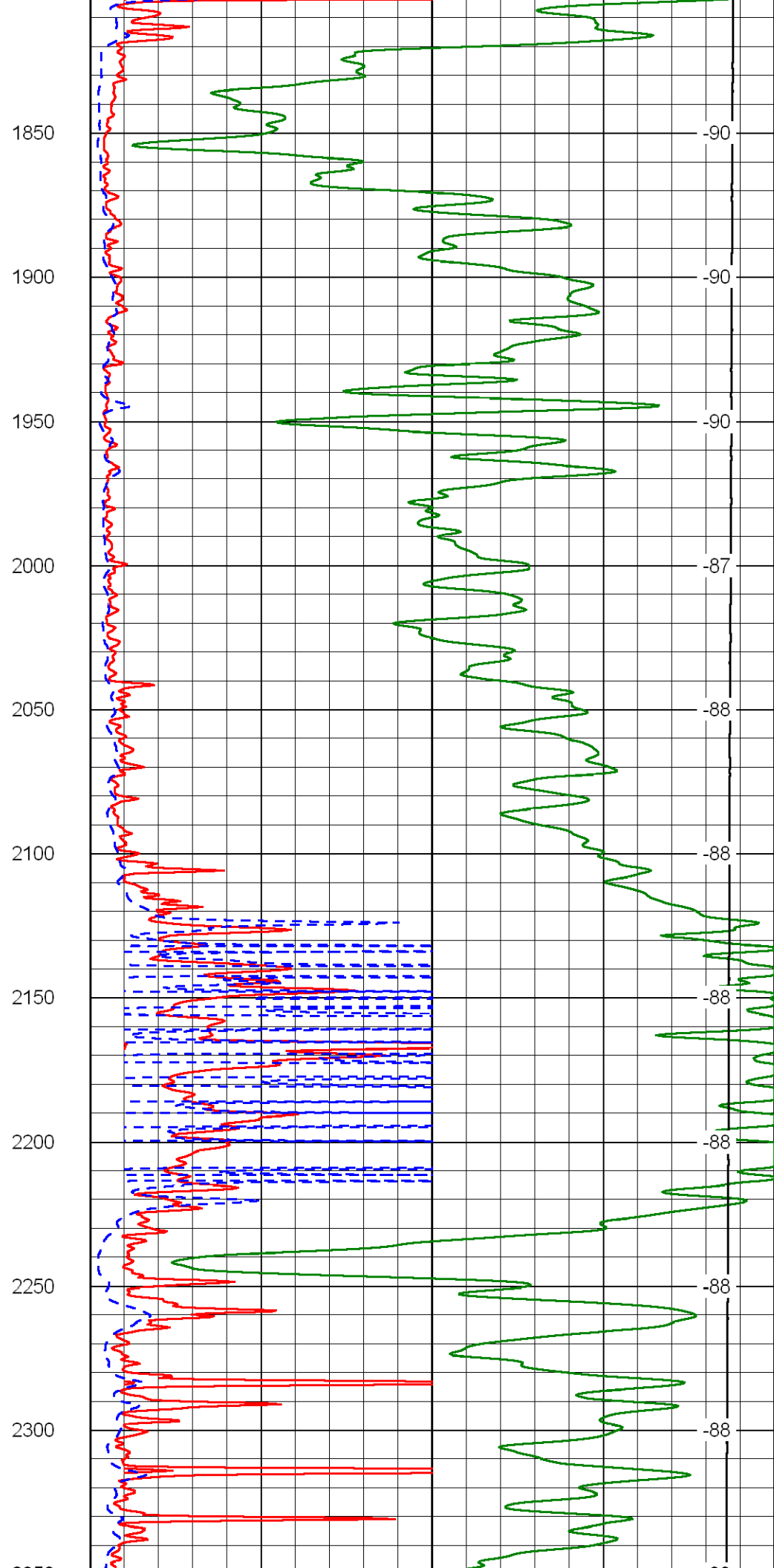
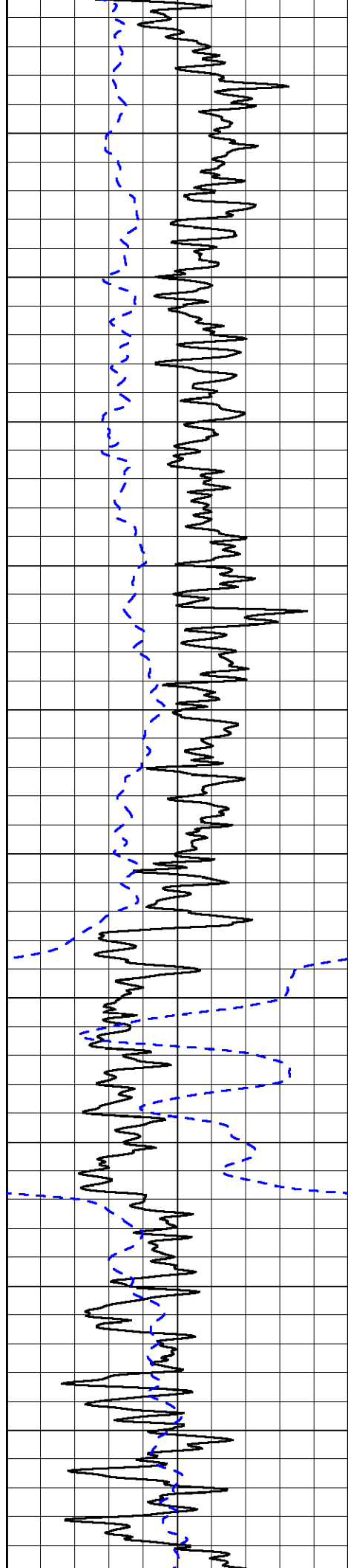
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

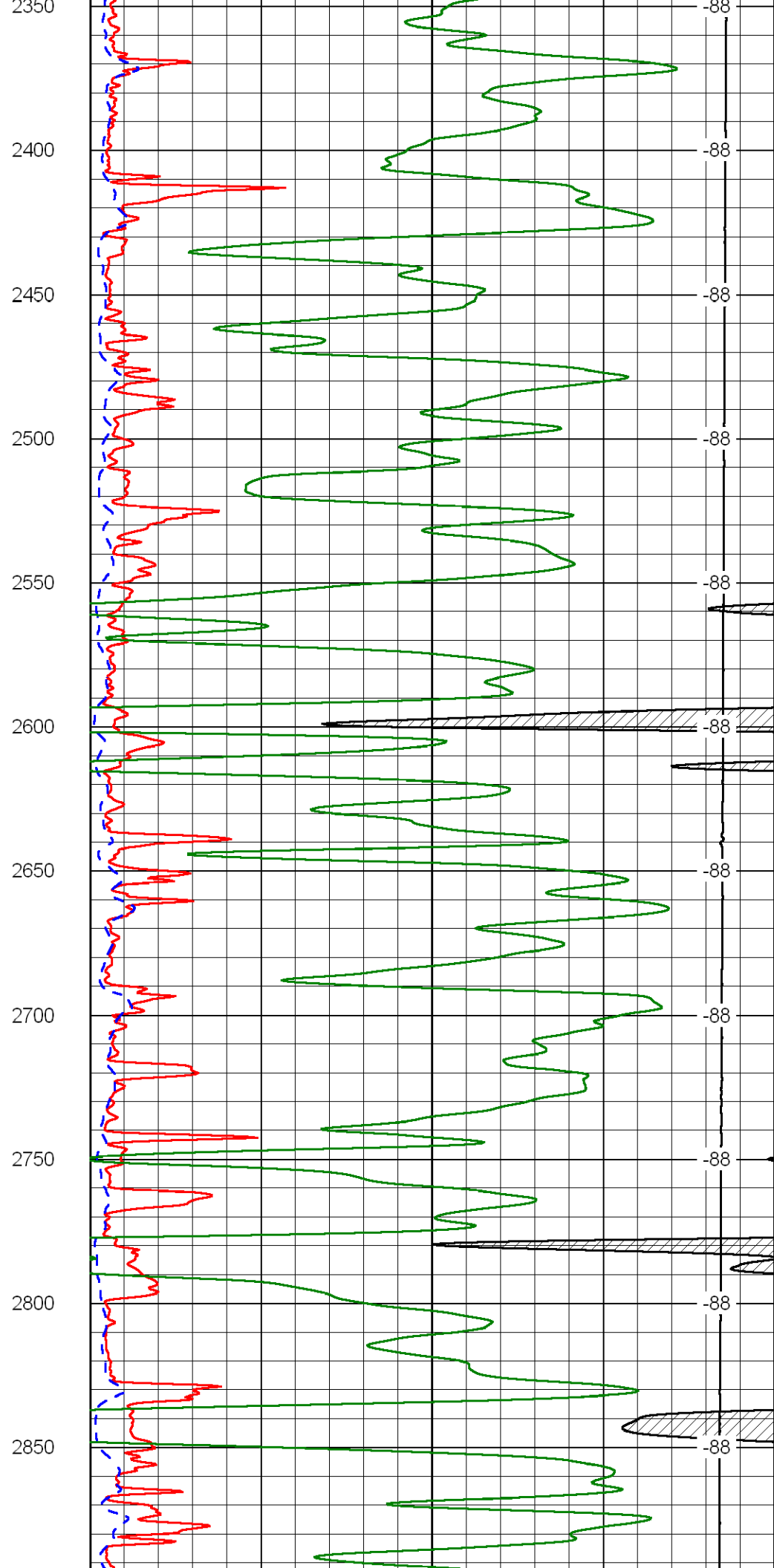
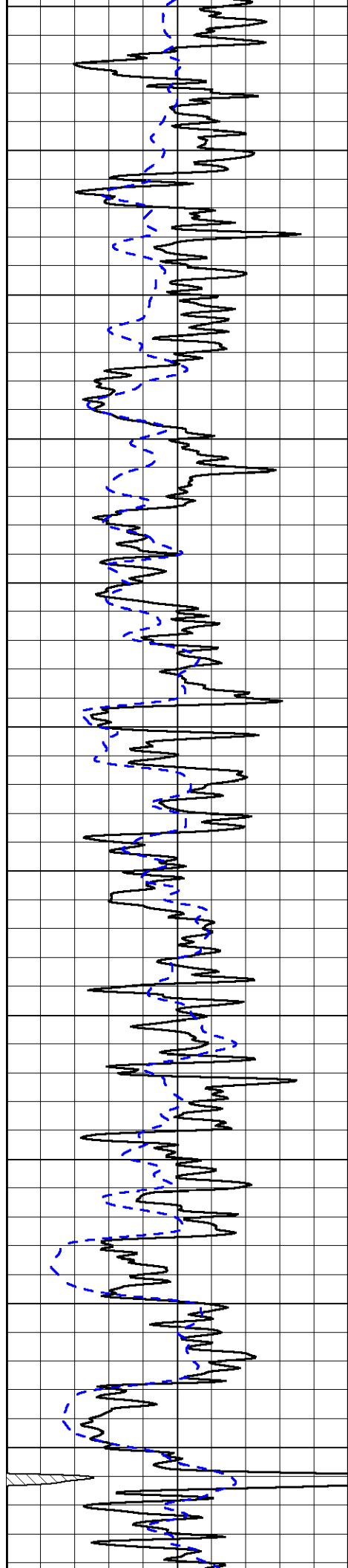
LSPD
0
0

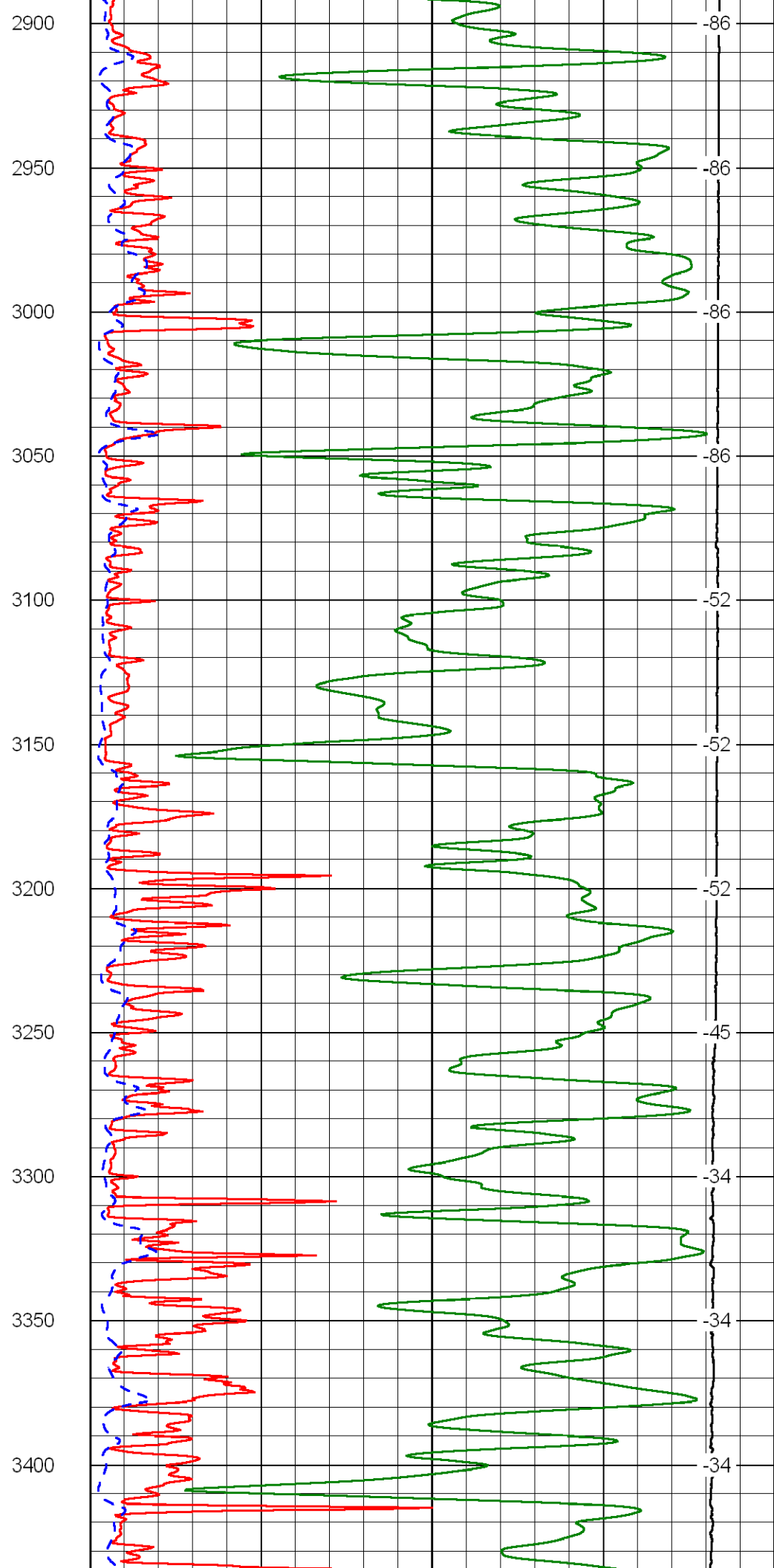
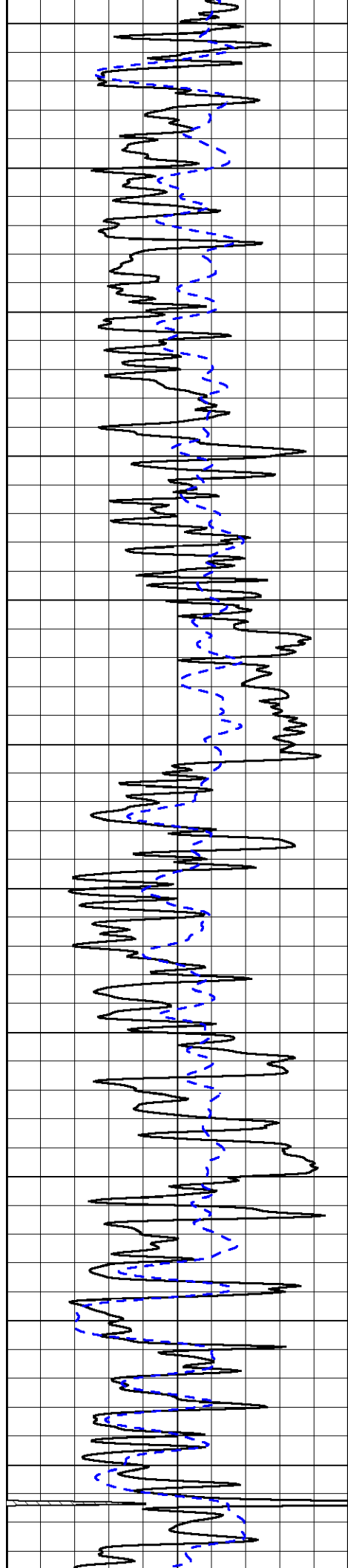


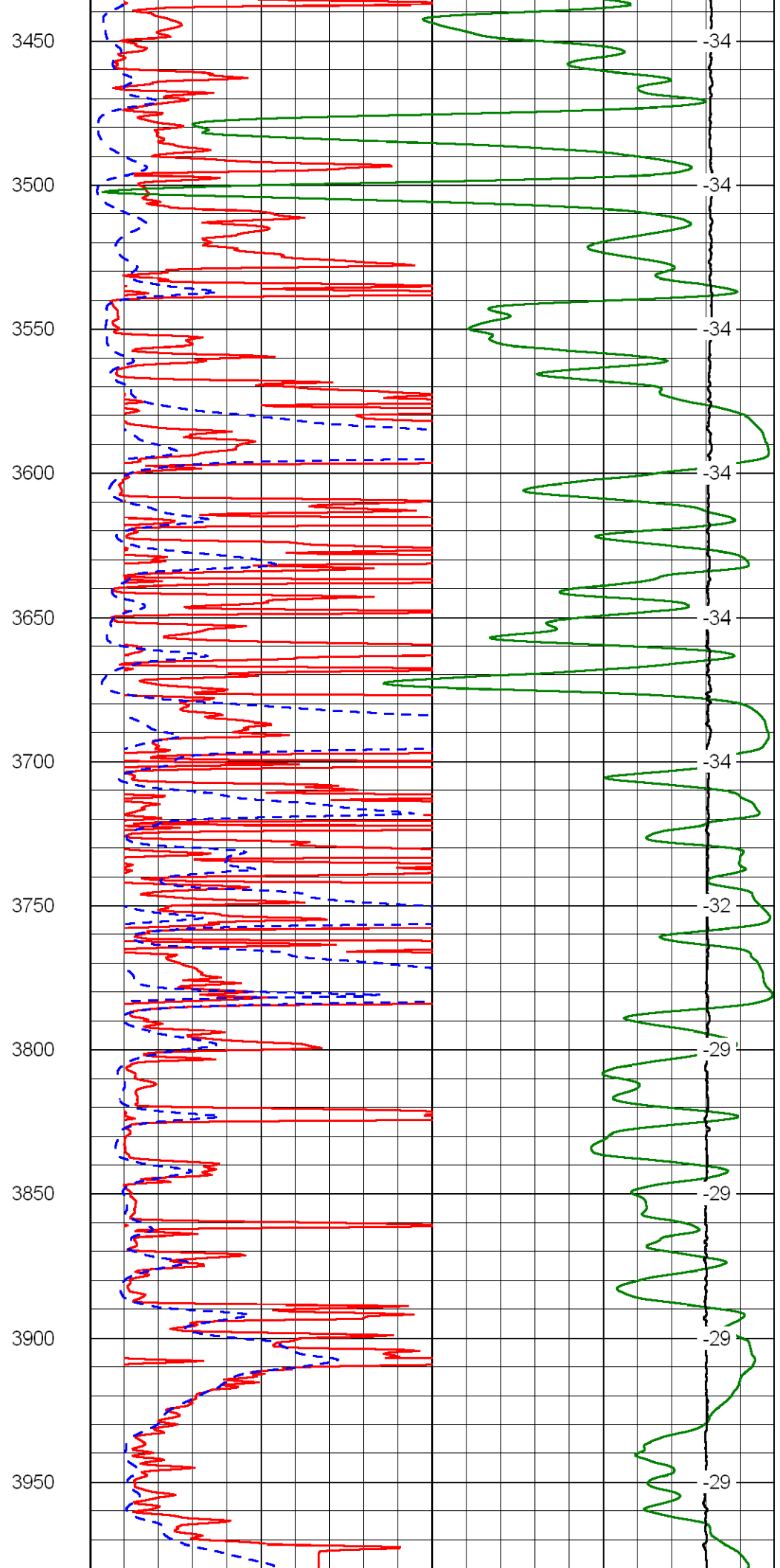
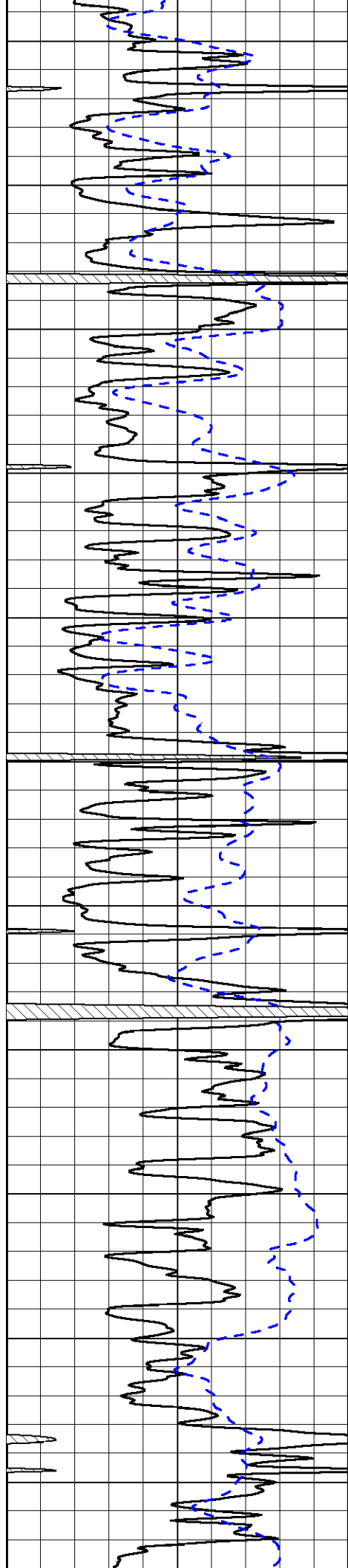


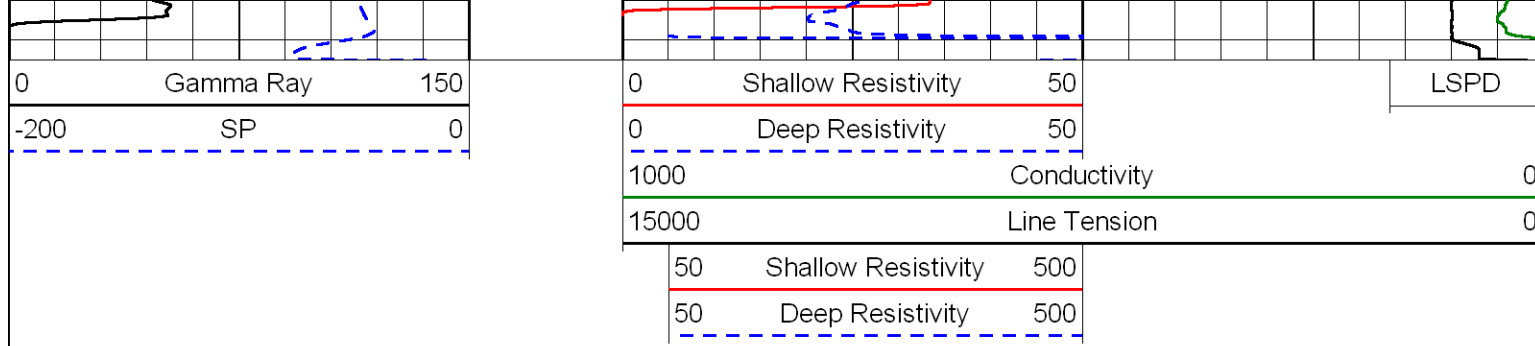




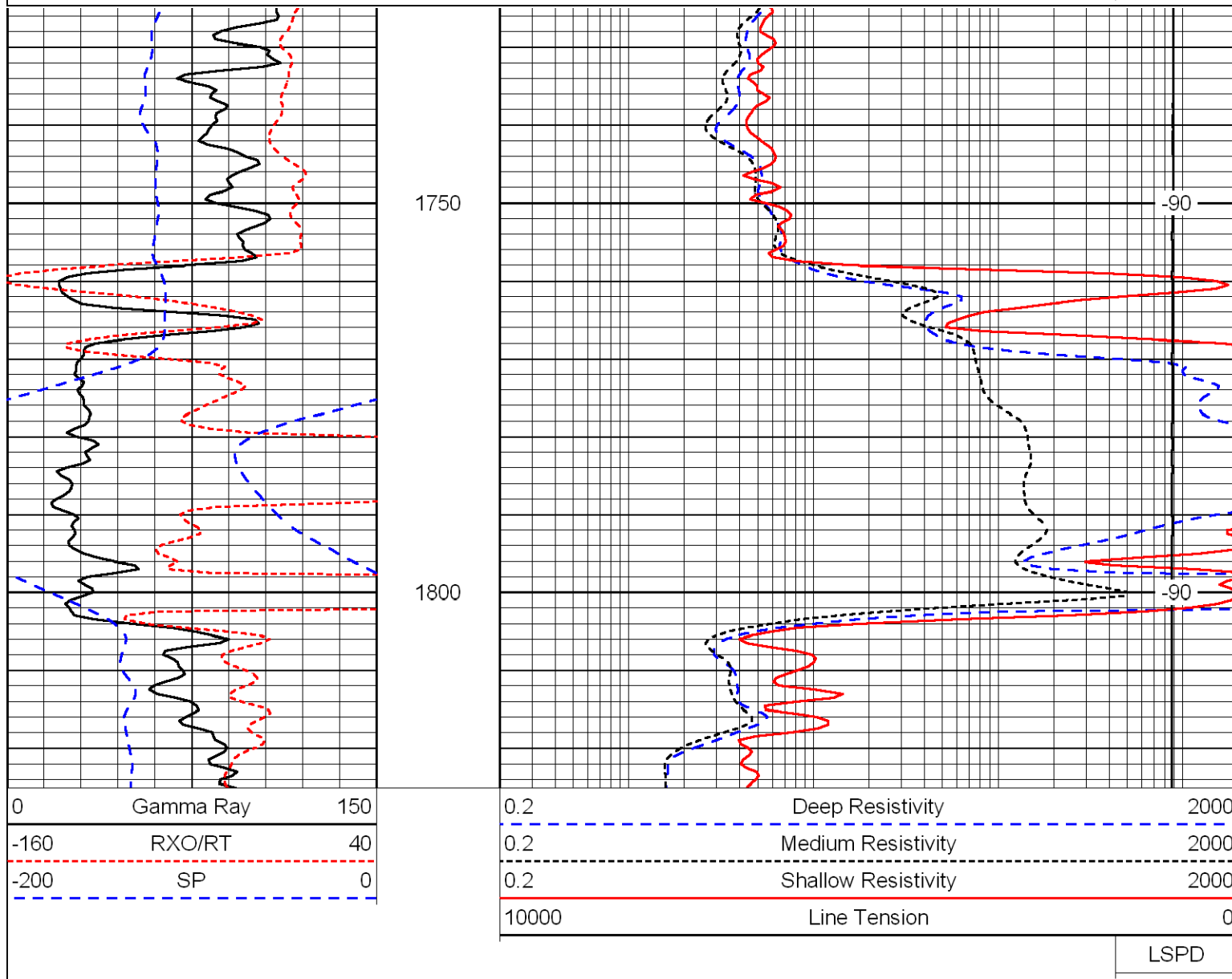
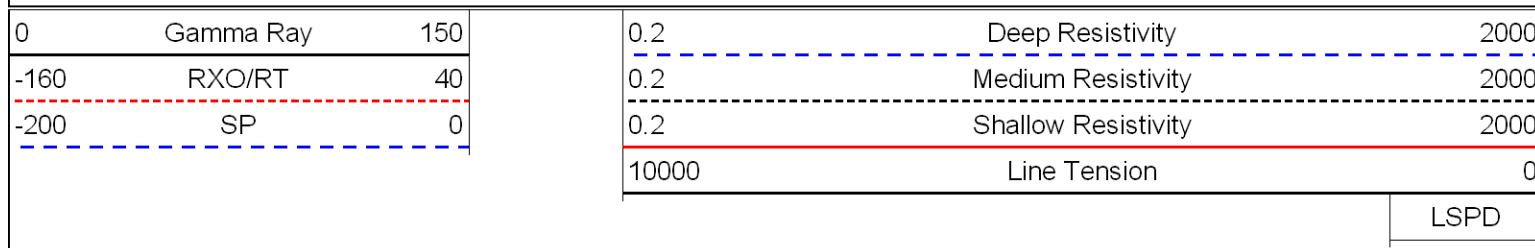








Database File: hermanlloeb_evarichardson_4-19hd.db
 Dataset Pathname: dil/hermstck
 Presentation Format: dil
 Dataset Creation: Tue Jun 05 06:40:59 2012
 Charted by: Depth in Feet scaled 1:240

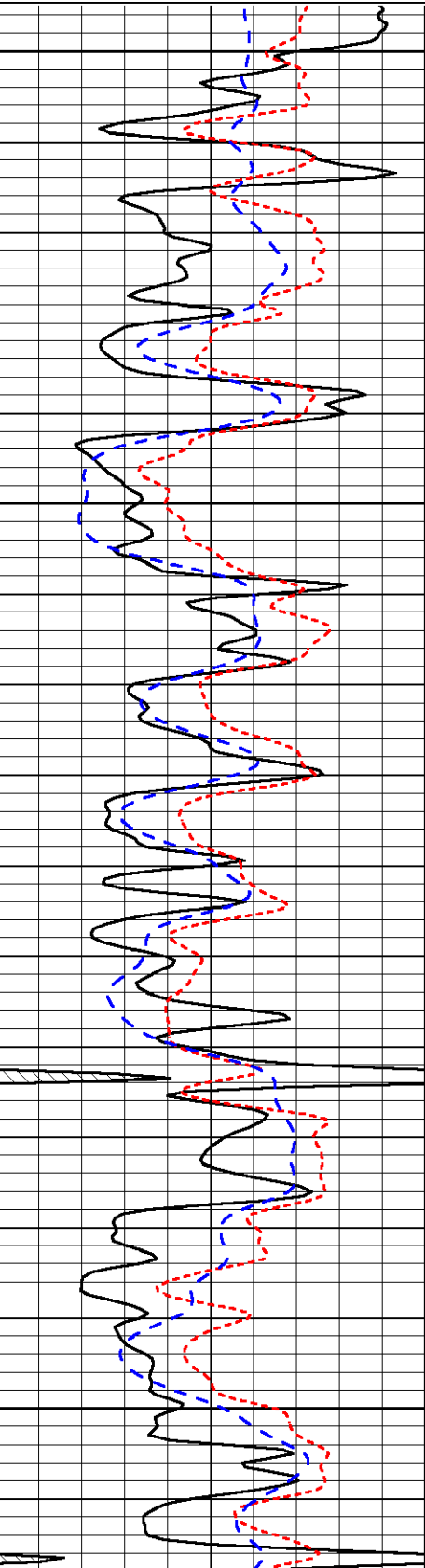


Database File: hermanlloeb_evarichardson_4-19hd.db
Dataset Pathname: dil/hermstck
Presentation Format: dil
Dataset Creation: Tue Jun 05 06:40:59 2012
Charted by: Depth in Feet scaled 1:240

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

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

LSPD

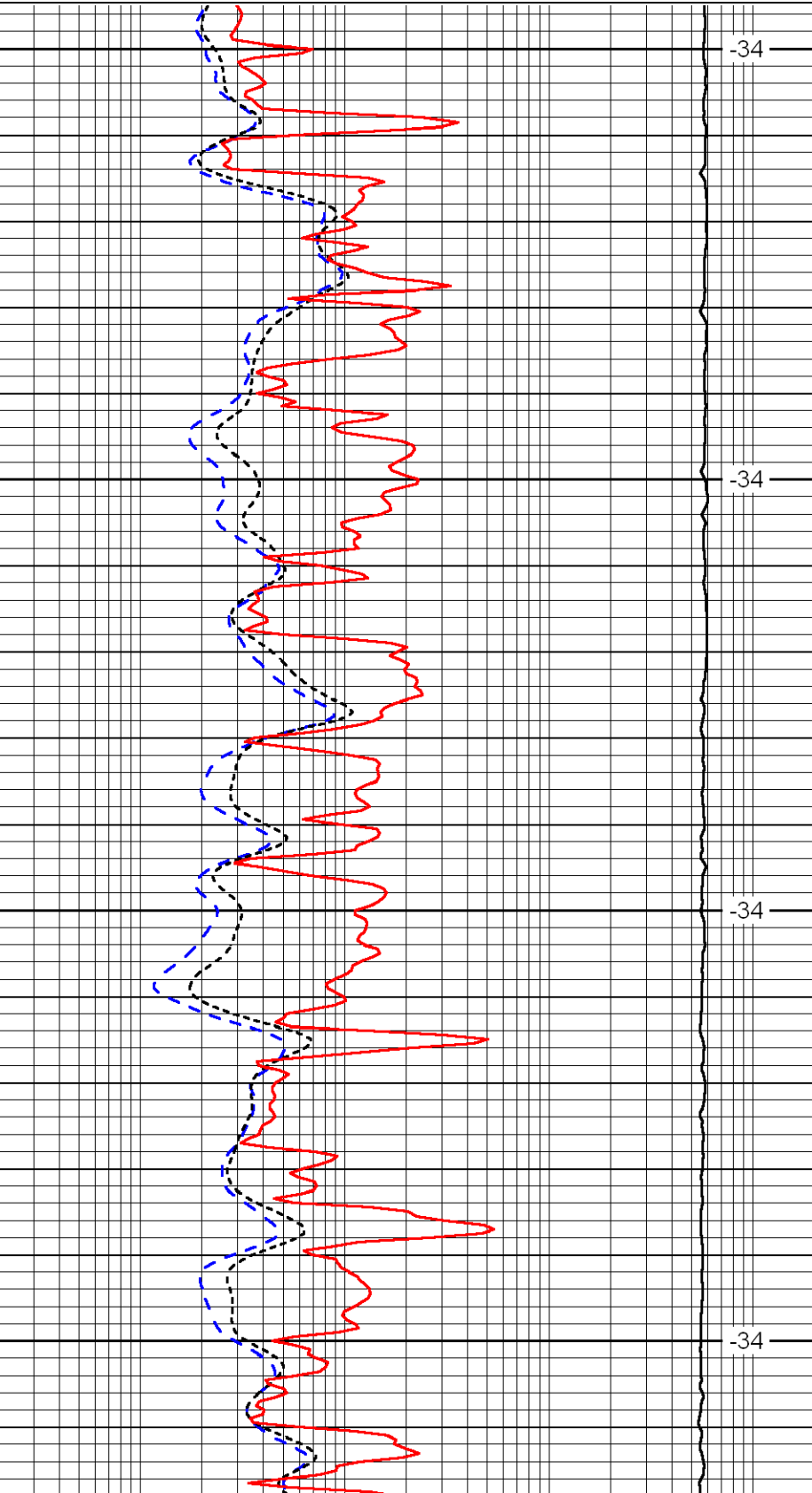


3300

3350

3400

3450

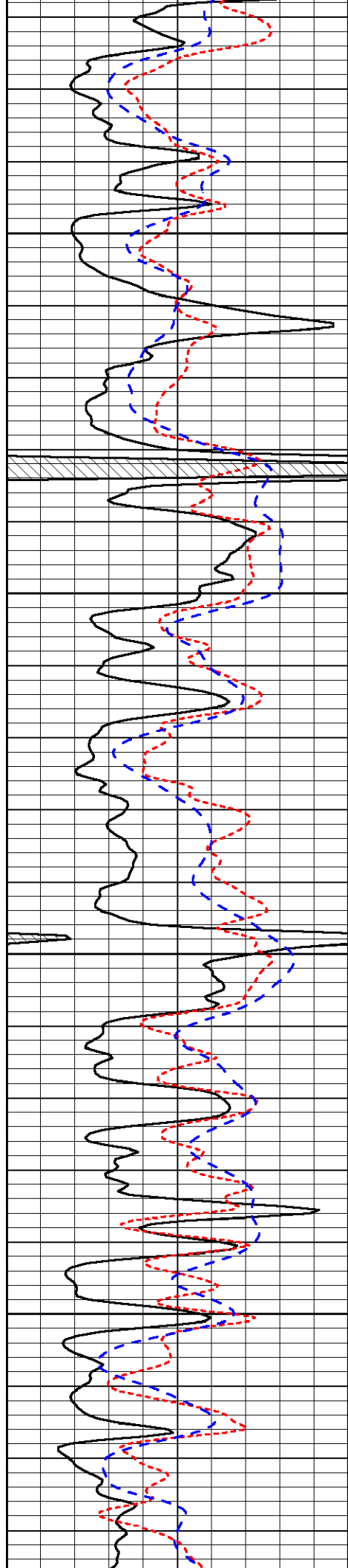


-34

-34

-34

-34

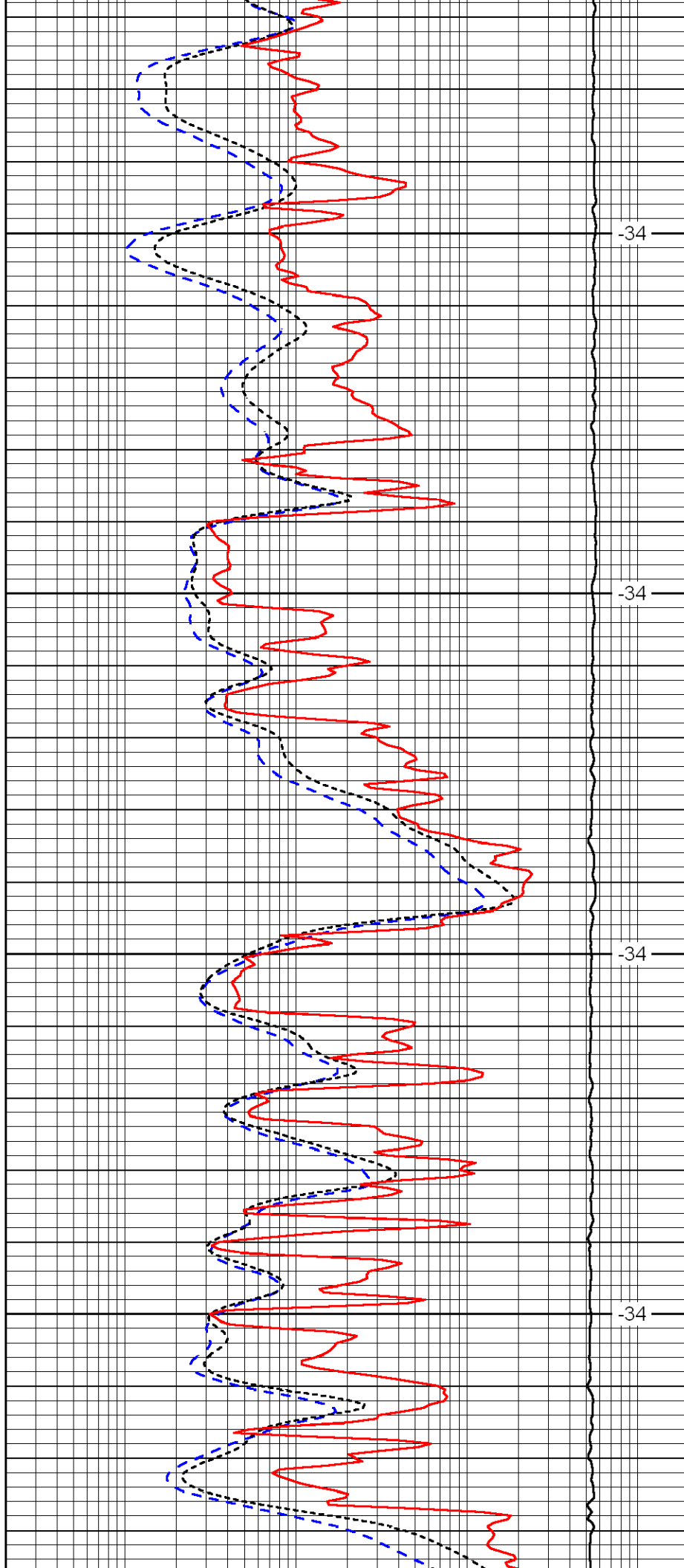


3500

3550

3600

3650

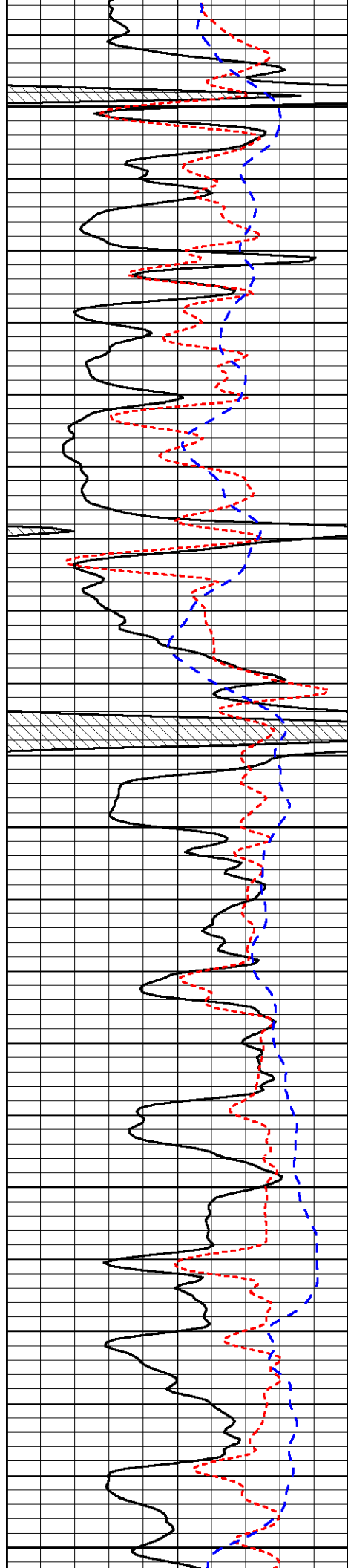


-34

-34

-34

-34



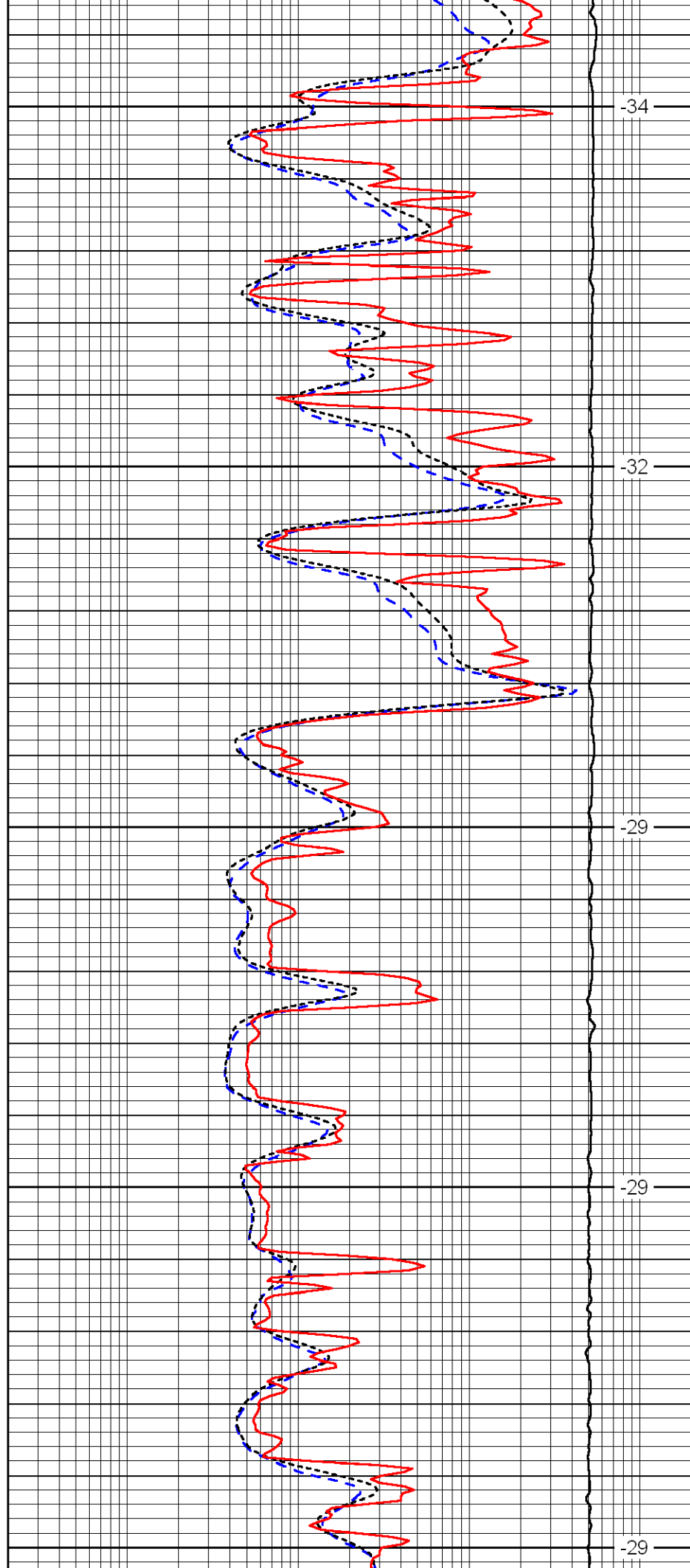
3700

3750

3800

3850

3900



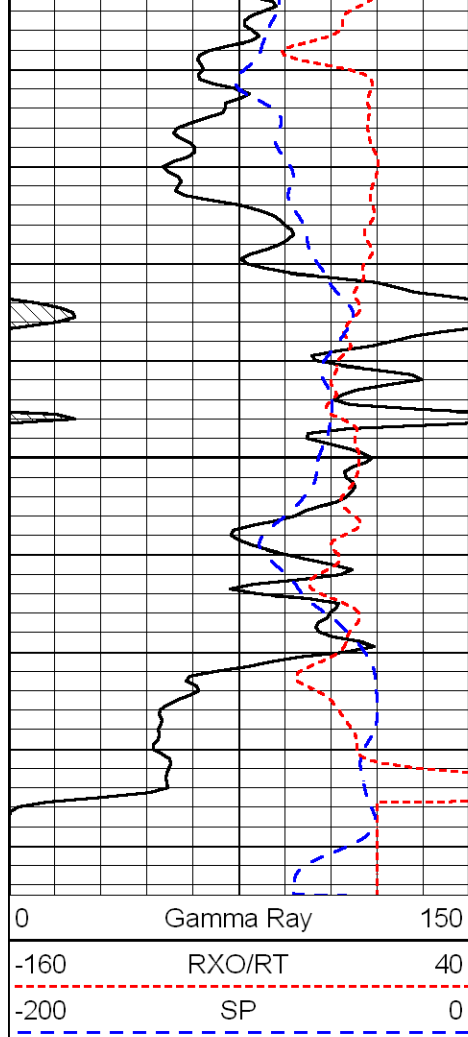
-34

-32

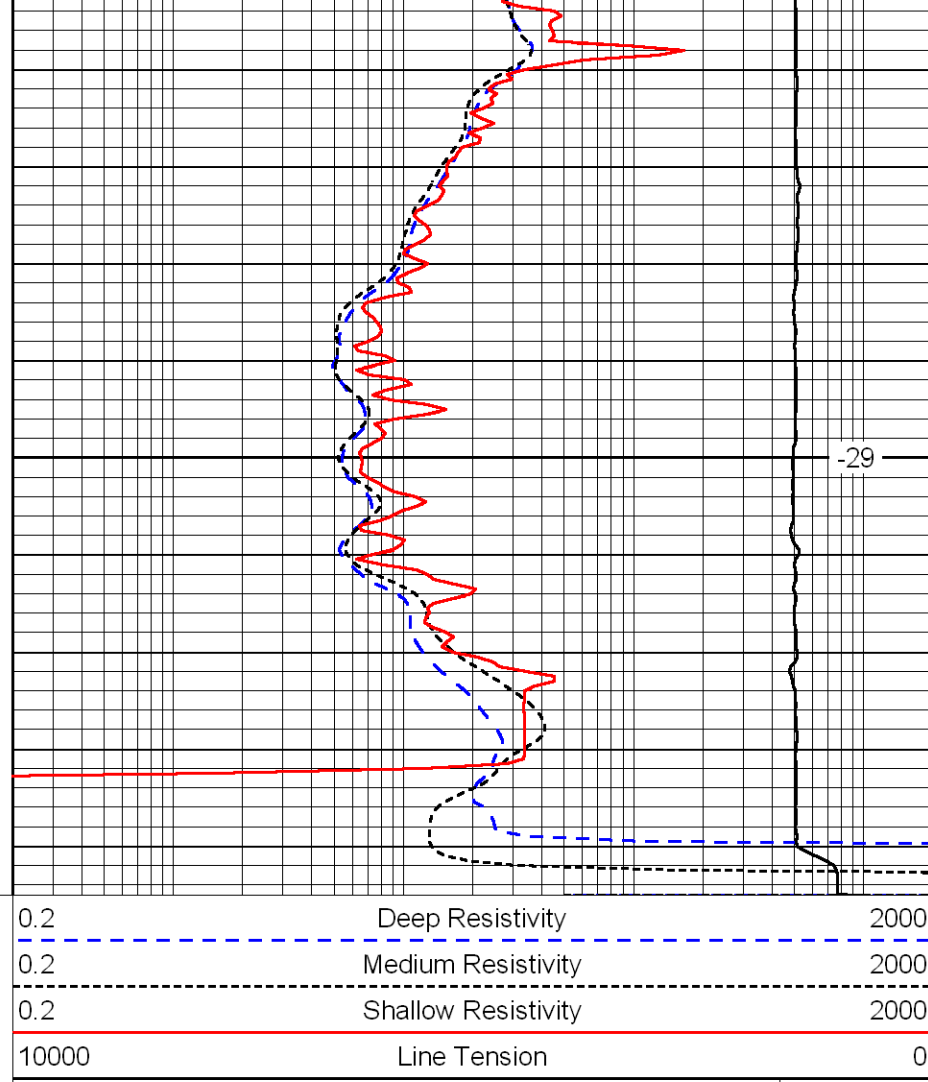
-29

-29

-29



3950



LSPD