



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-147-20,685-00-00

Company **Bach Oil Production**

Well **Hanke No. 2**

Field

County **Phillips** State **Kansas**

Location

**NE SW NW NE
677' FNL & 2,295' FEL**

Sec: **22** Twp: **3S** Rge: **19W**

Permanent Datum **Ground Level** Elevation **2052**
Log Measured From **Kelly Bushing** **5** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Other Services
CNL/CDL

Elevation
K.B. 2057
D.F.
G.L. 2052

Date **7/16/2012**

Run Number **One**

Depth Driller **3465**

Depth Logger **3464**

Bottom Logged Interval **3463**

Top Log Interval **200**

Casing Driller **8.625 @ 226**

Casing Logger **232**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **800**

Density / Viscosity **9.1 46**

pH / Fluid Loss **8.5 8.0**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.78 @ 78**

Rmf @ Meas. Temp **1.34 @ 78**

Rmc @ Meas. Temp **2.40 @ 78**

Source of Rmf / Rmc **Charts**

Rm @ BHT **1.25 @ 111**

Operating Rig Time **2 1/2 Hours**

Max Rec. Temp. F **111**

Equipment Number **108**

Location **Hays**

Recorded By **J. Long**

Witnessed By **Bob Peterson**

<<< 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

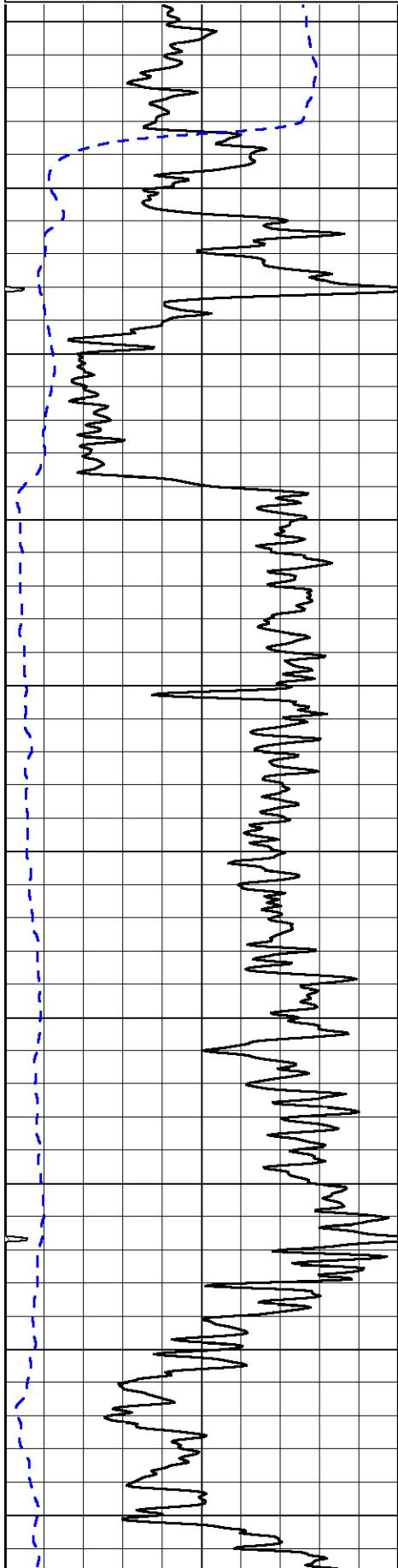
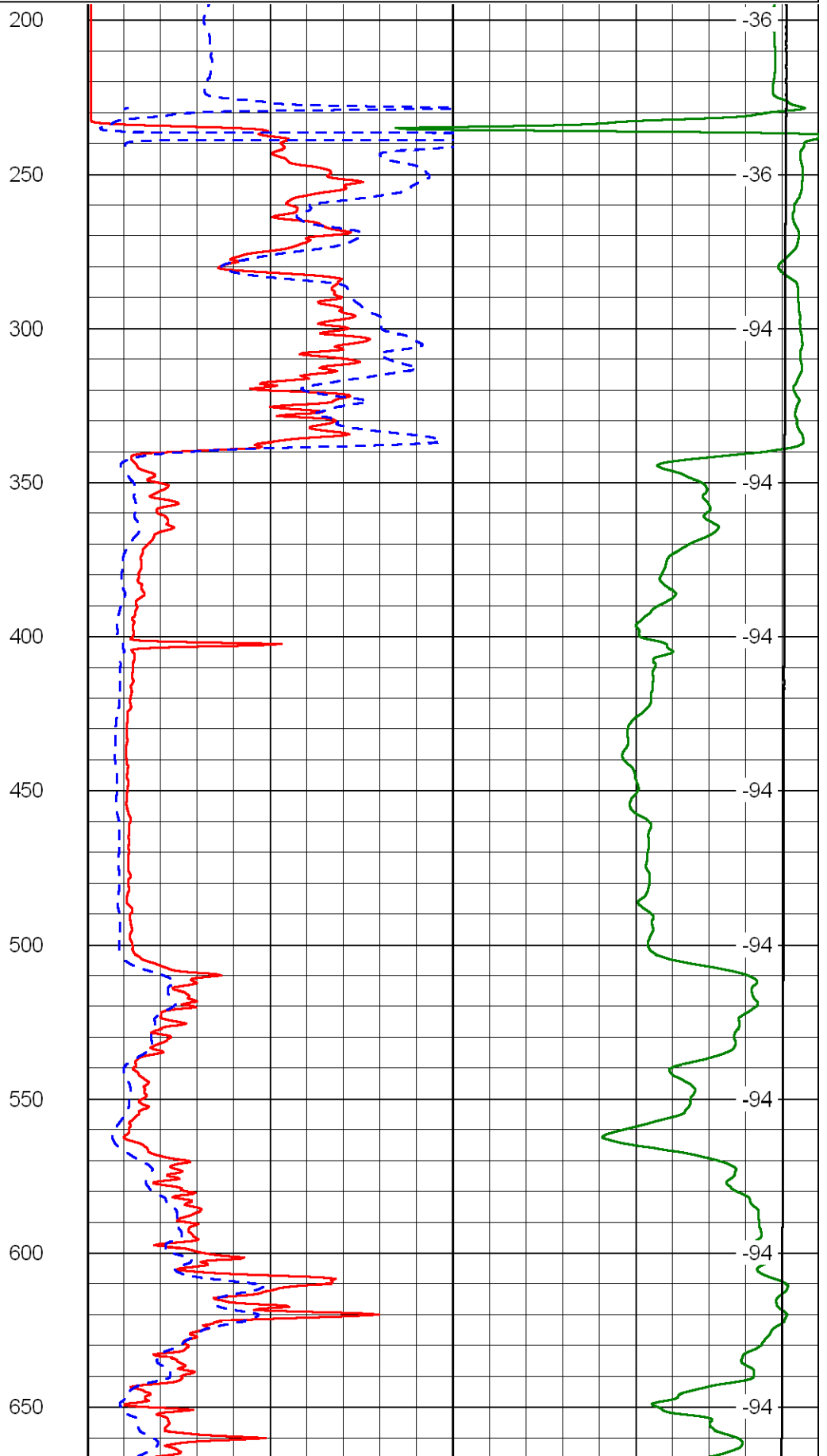
Phillipsburg, 8 West to 600 Road, 3/4 South, 1/3 West, South Into

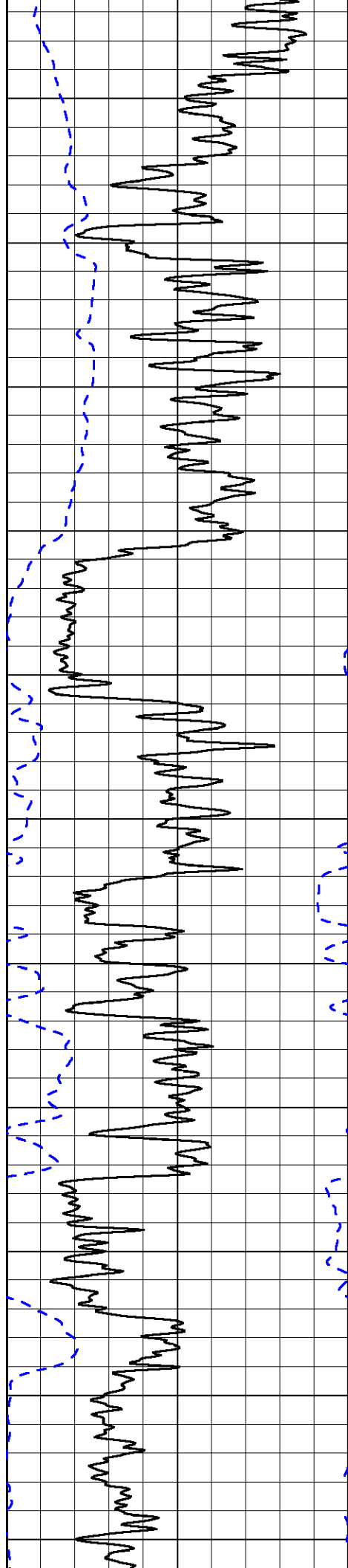
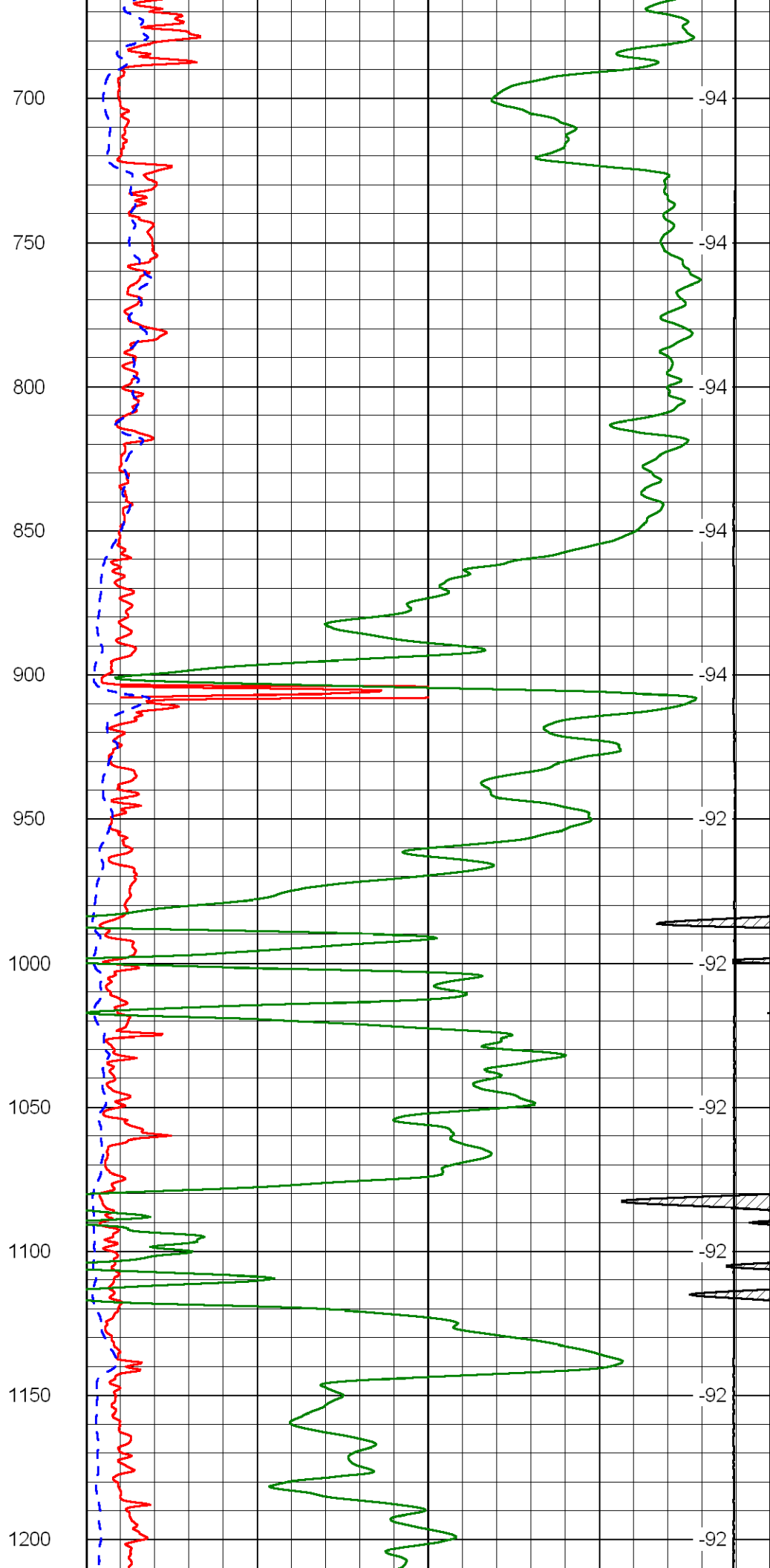
Database File: bach_hanke_2hd.db
Dataset Pathname: dil/bachstck
Presentation Format: dil2in
Dataset Creation: Mon Jul 16 20:12:20 2012
Charted by: Depth in Feet scaled 1:600

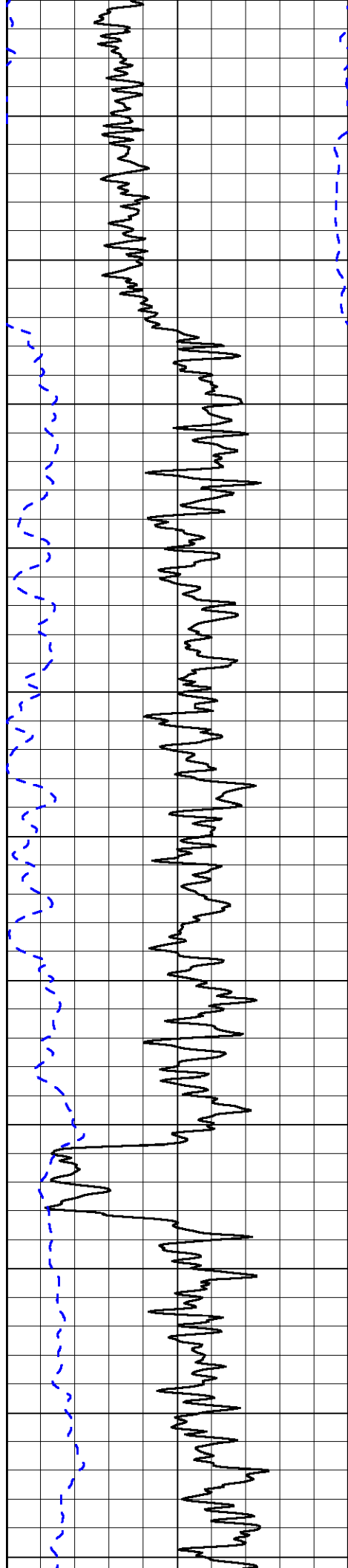
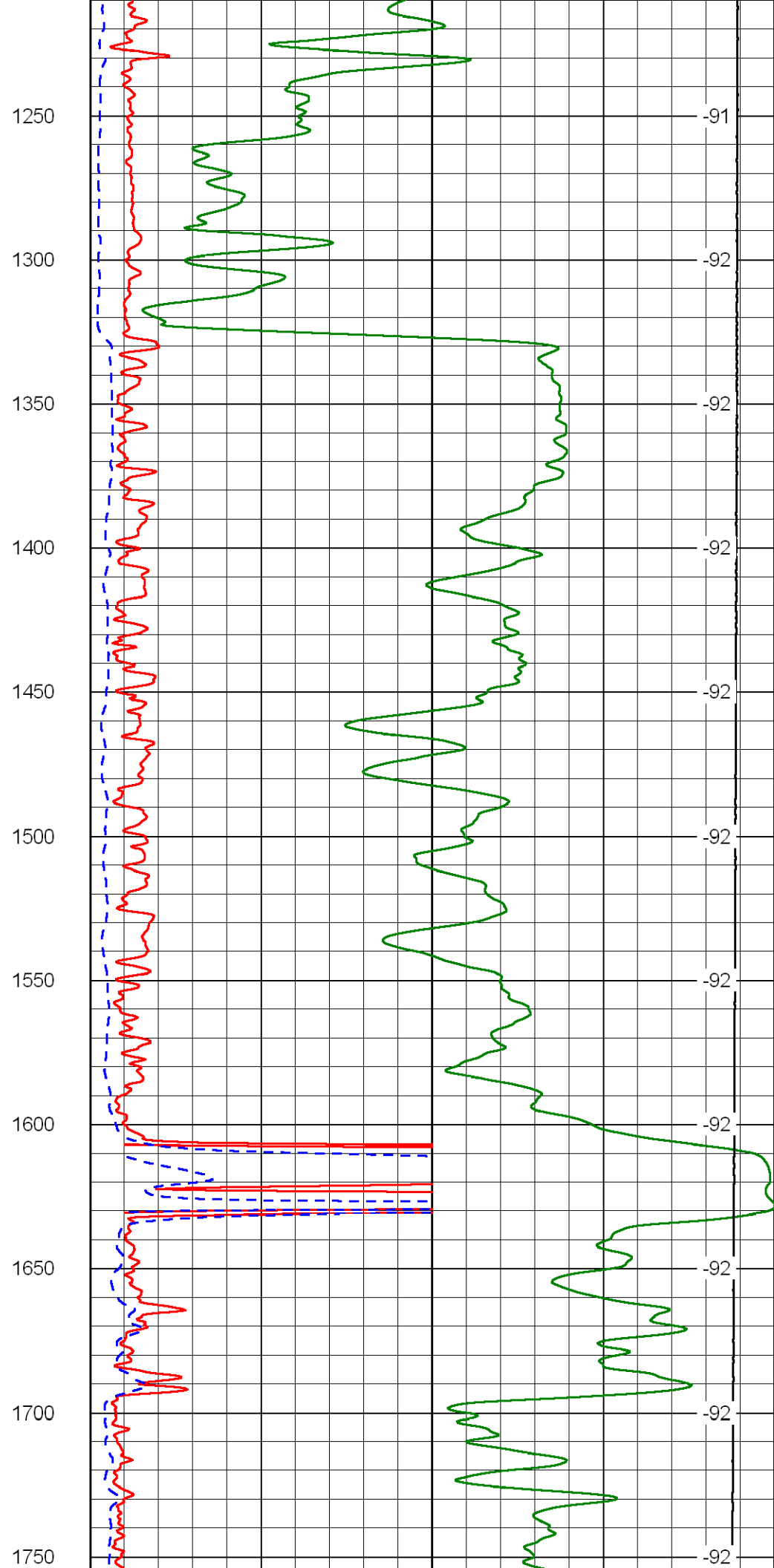
0	Gamma Ray	150
-200	SP	0

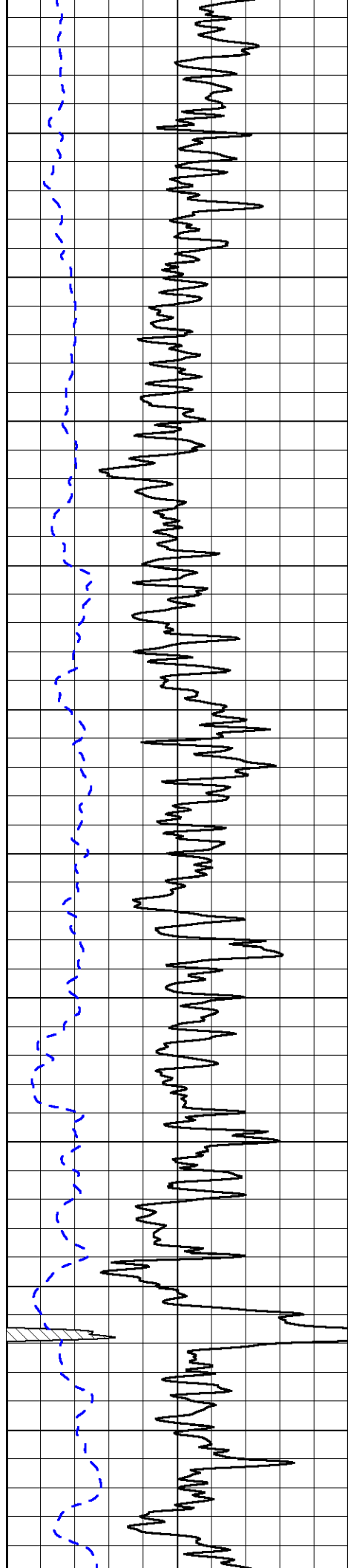
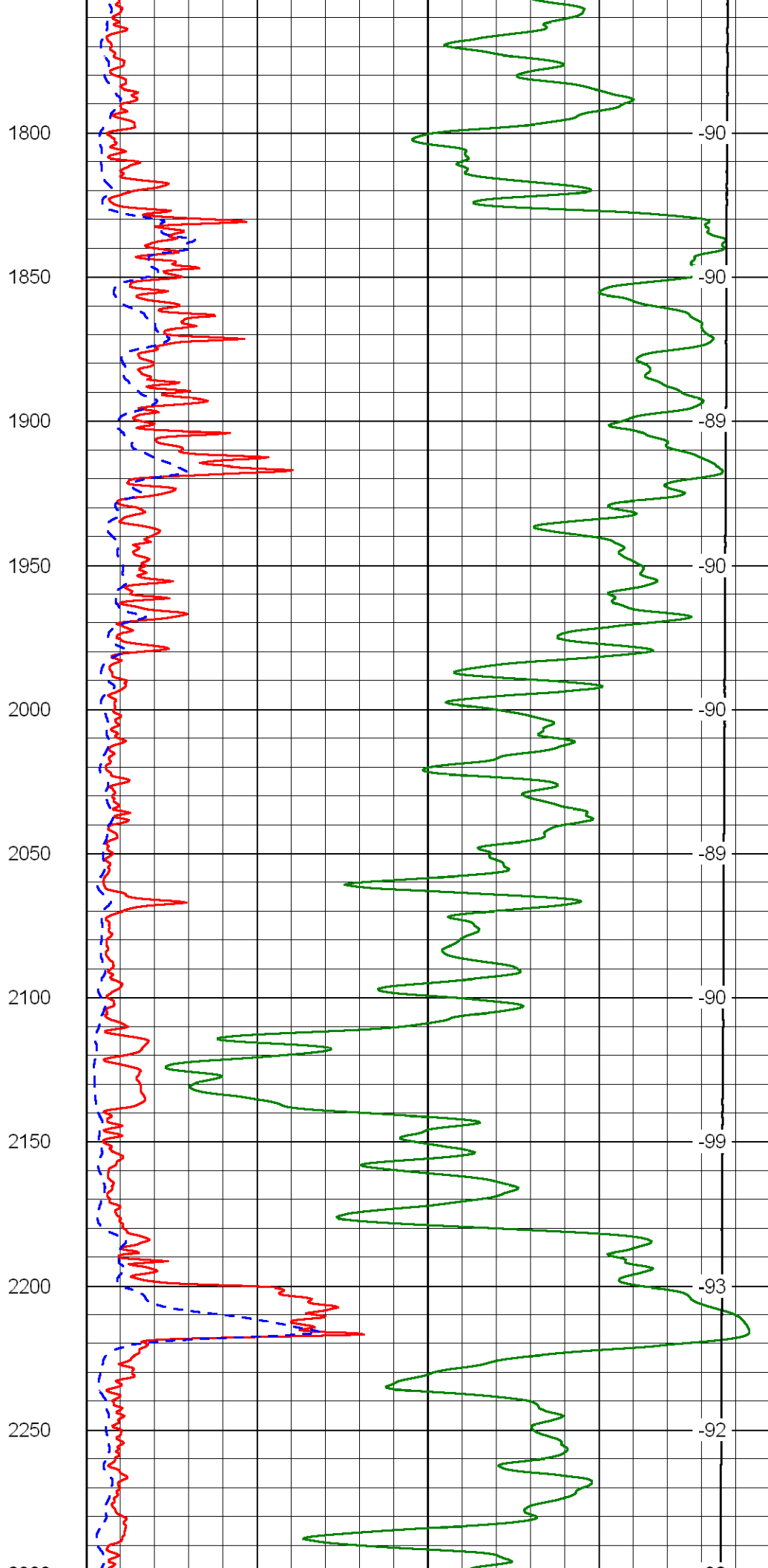
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

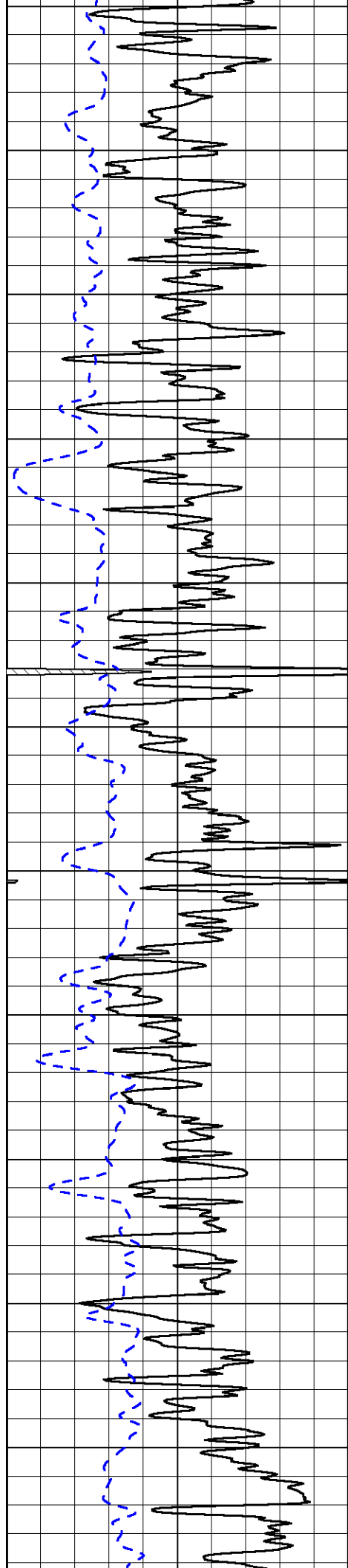
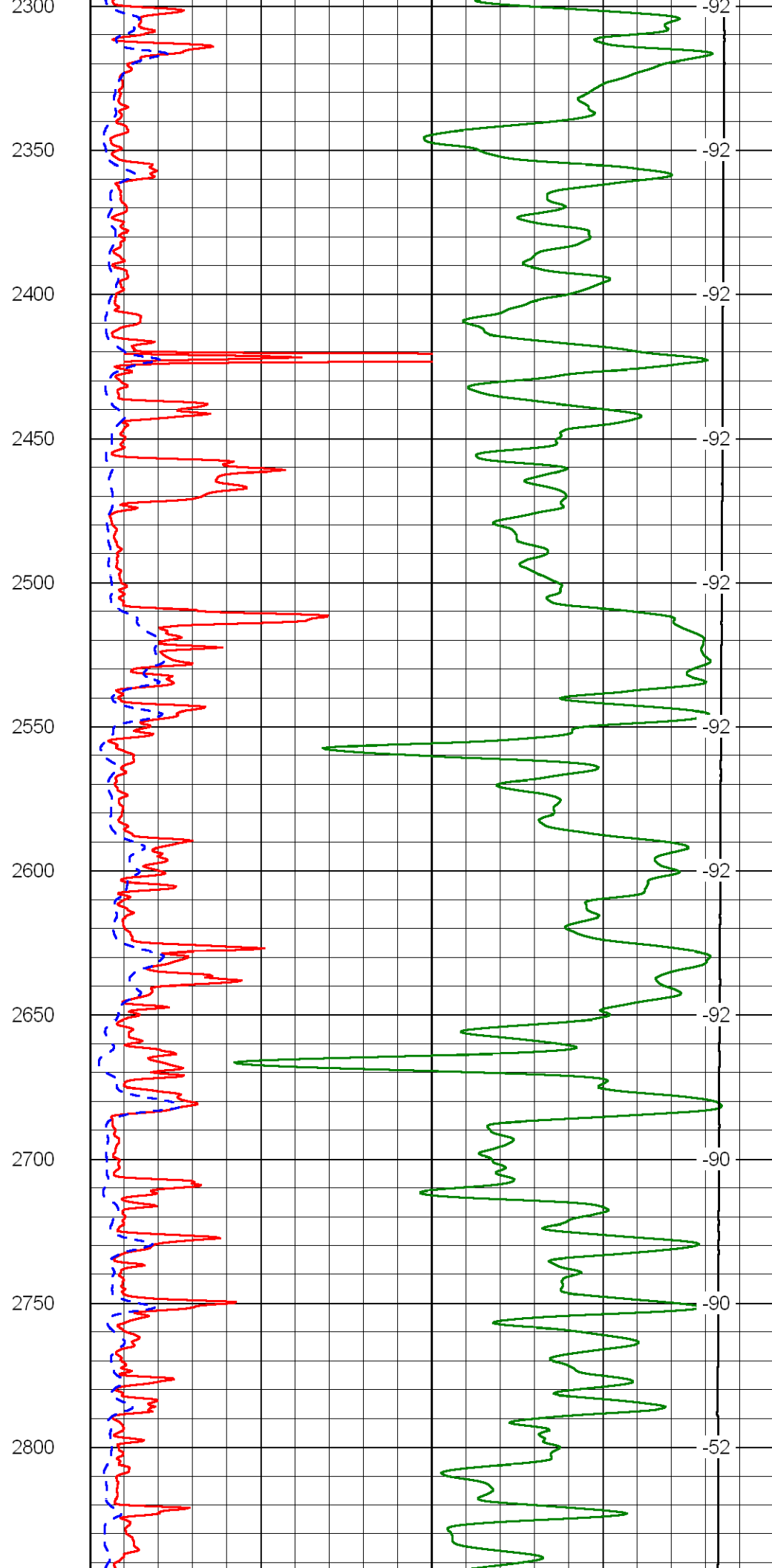
LSPD

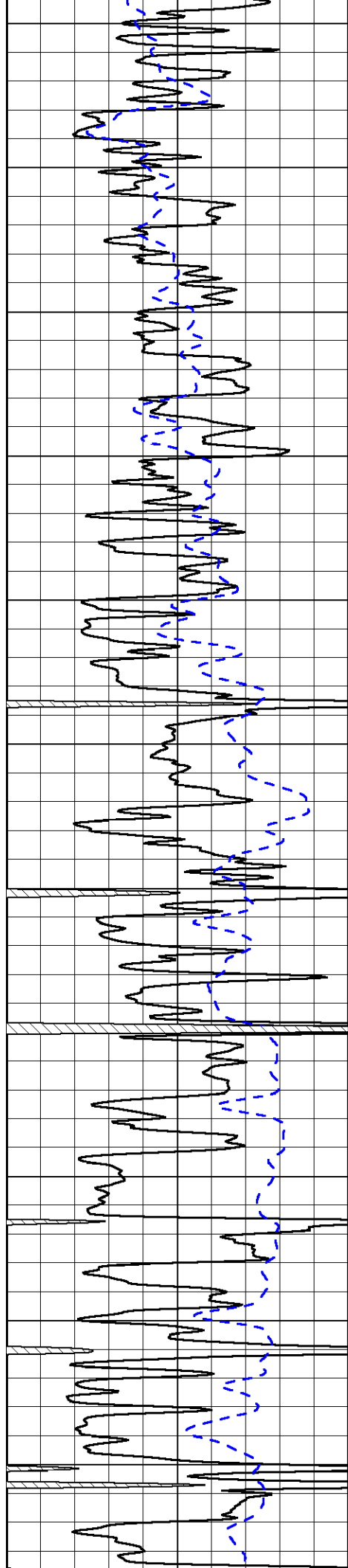
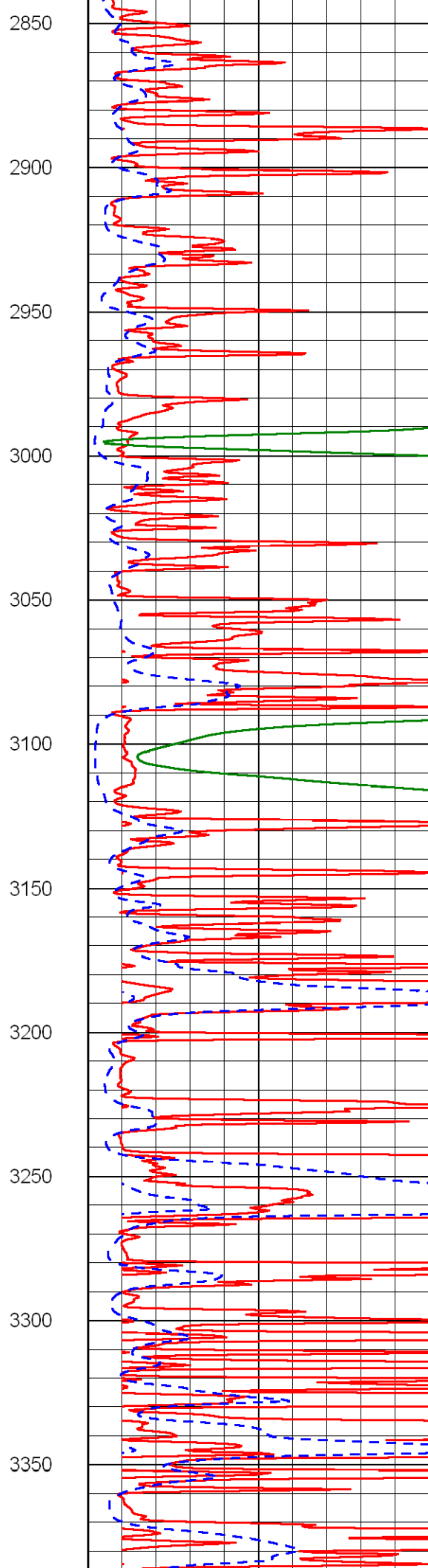
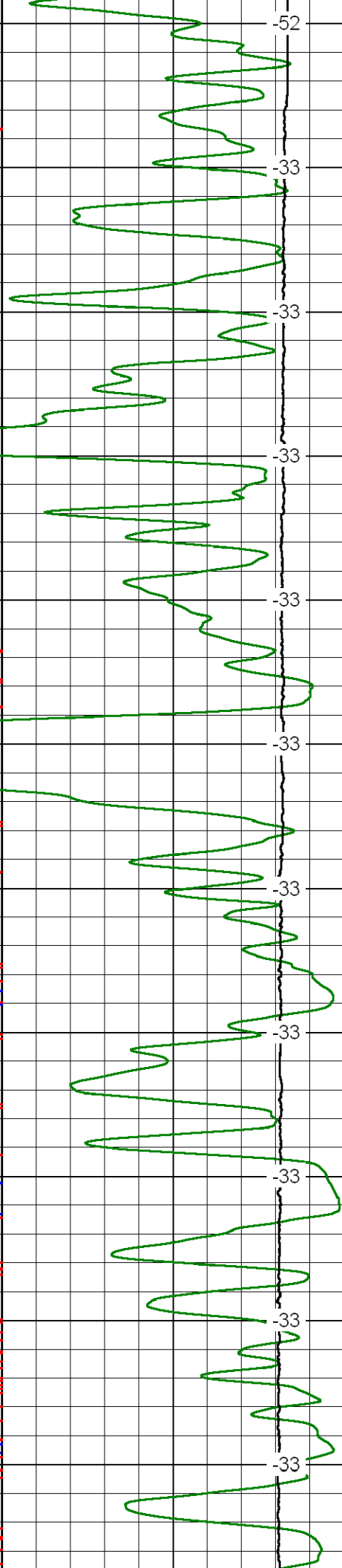


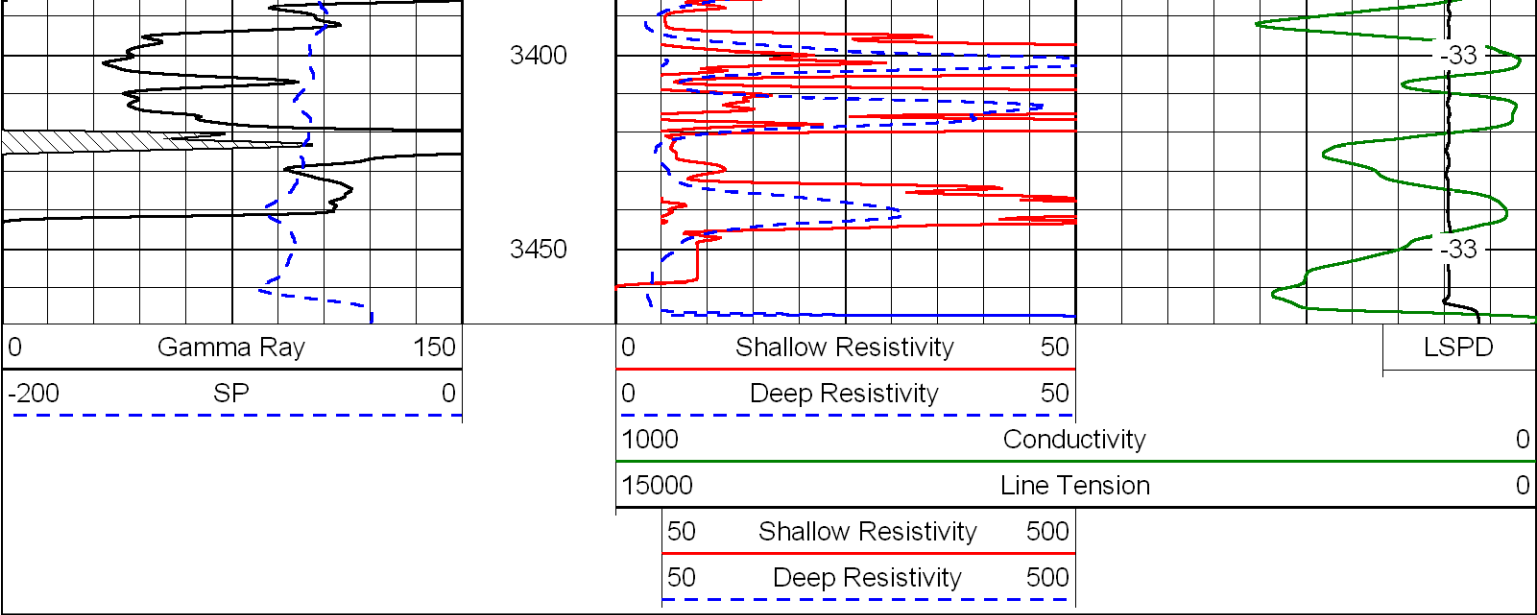
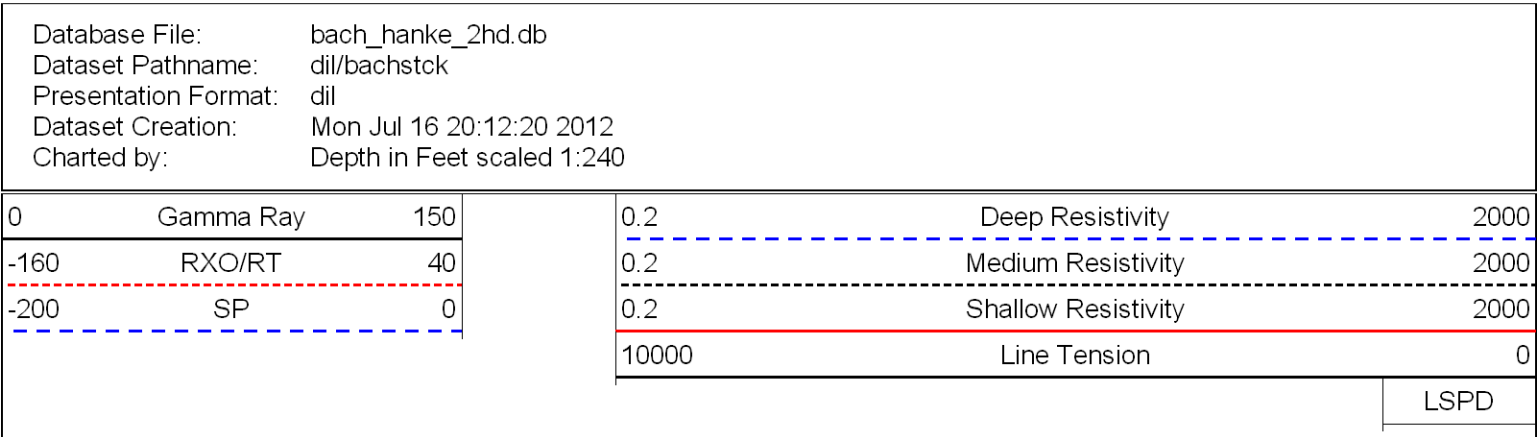
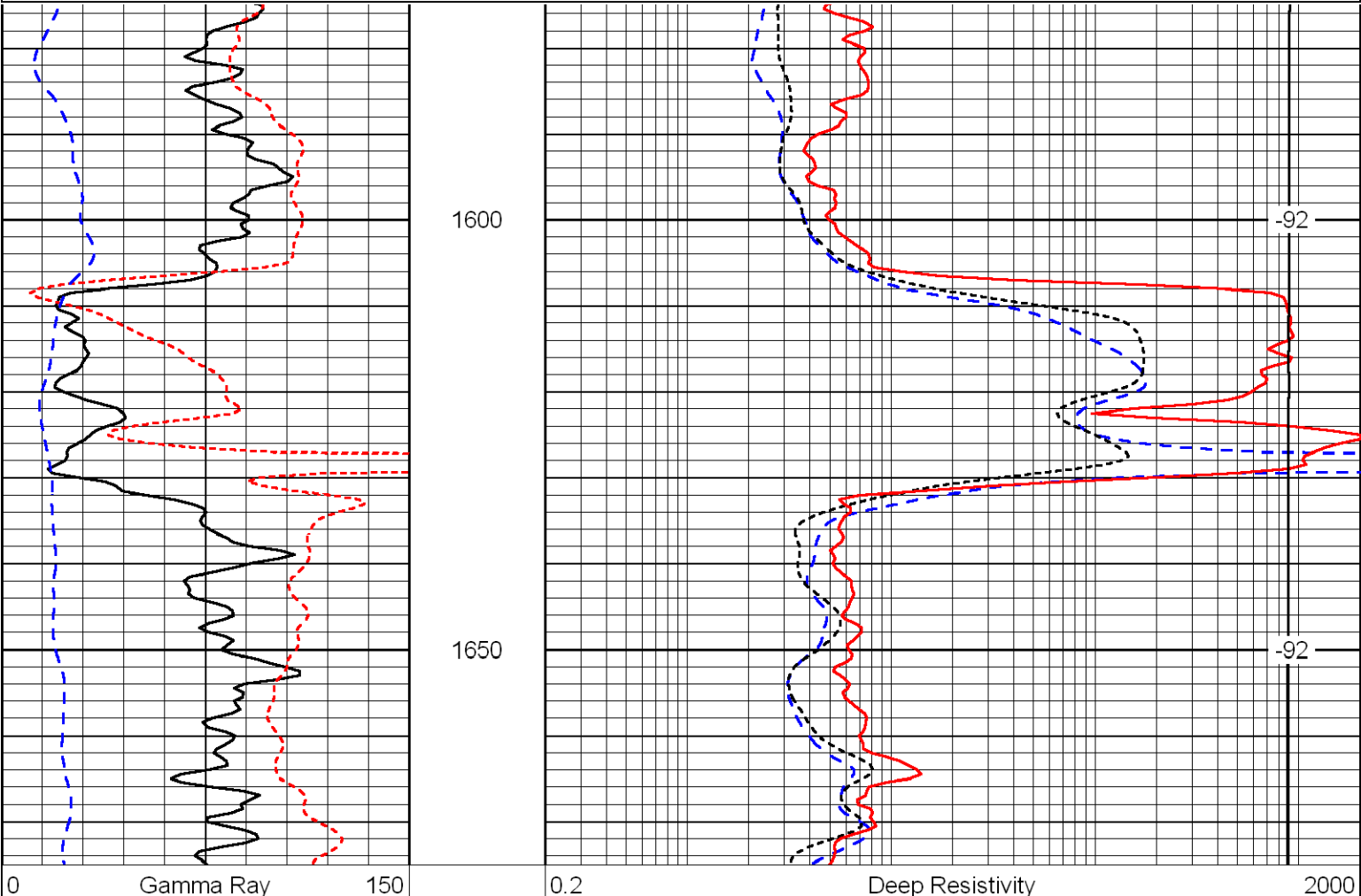












-160	RXO/RT	40
-200	SP	0

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

LSPD

Database File:

bach_hanke_2hd.db

Dataset Pathname:

dil/bachstok

Presentation Format:

dil

Dataset Creation:

Mon Jul 16 20:12:20 2012

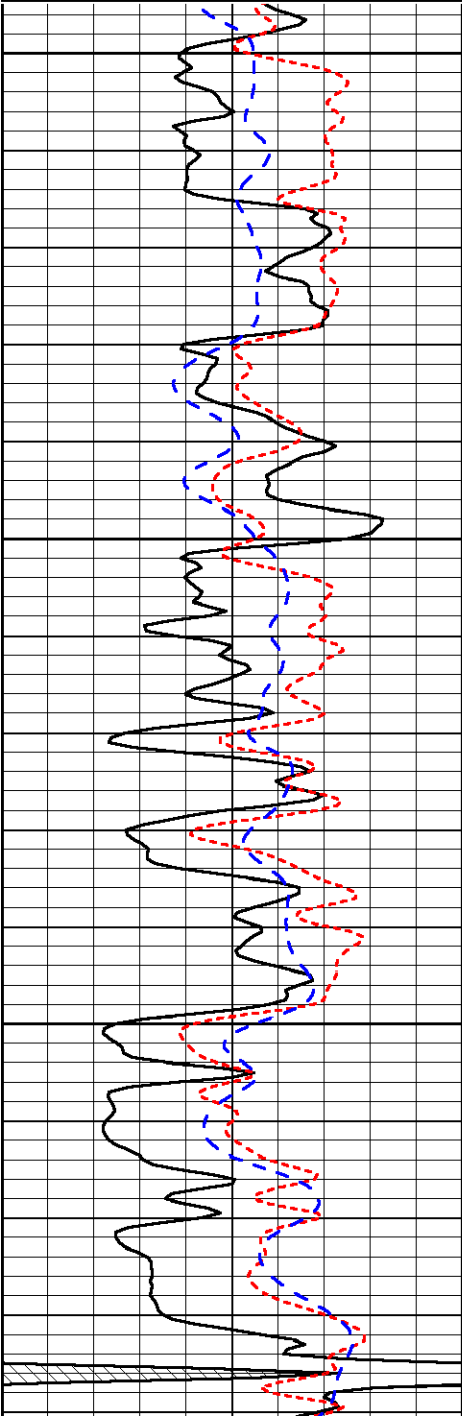
Charted by:

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

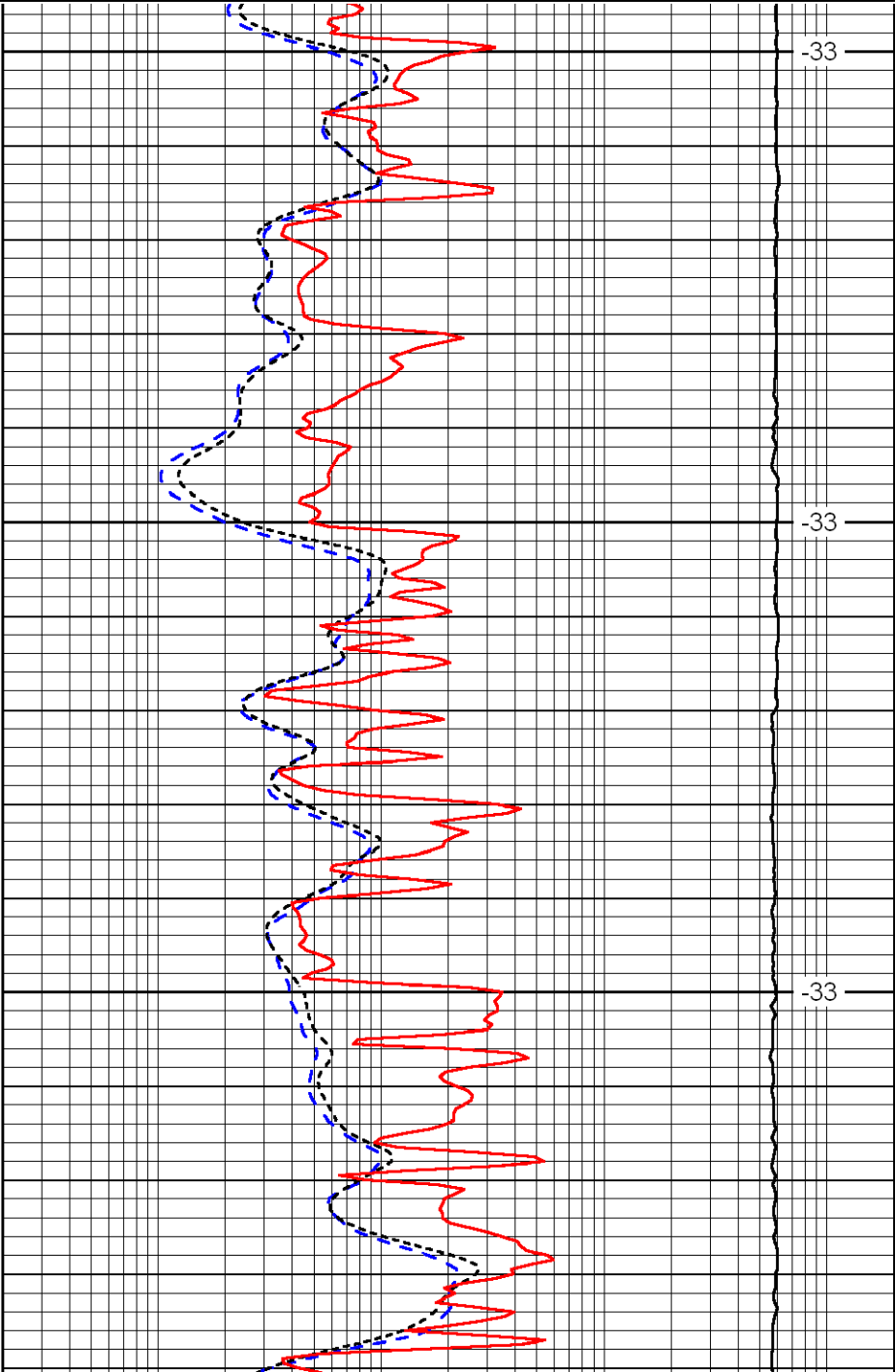
LSPD



2950

3000

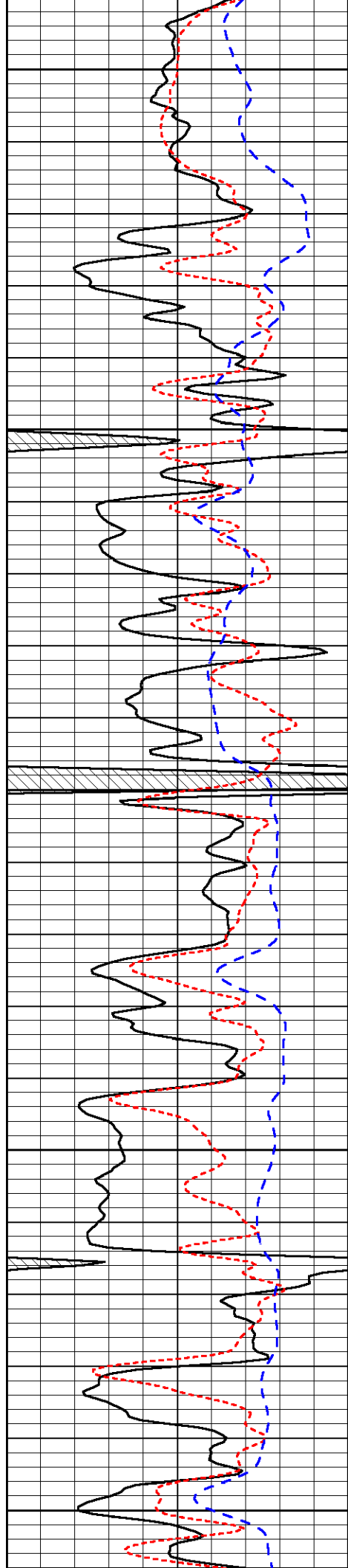
3050



-33

-33

-33



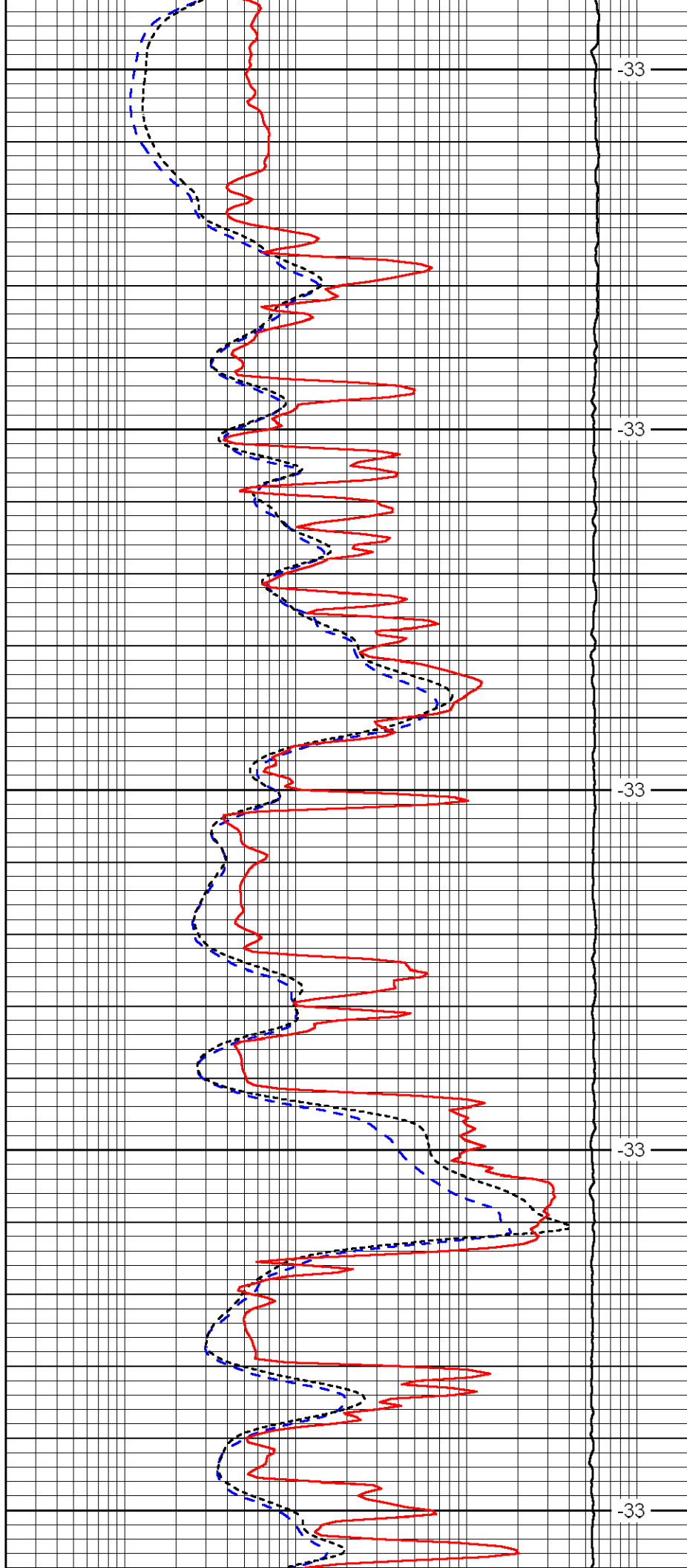
3100

3150

3200

3250

3300



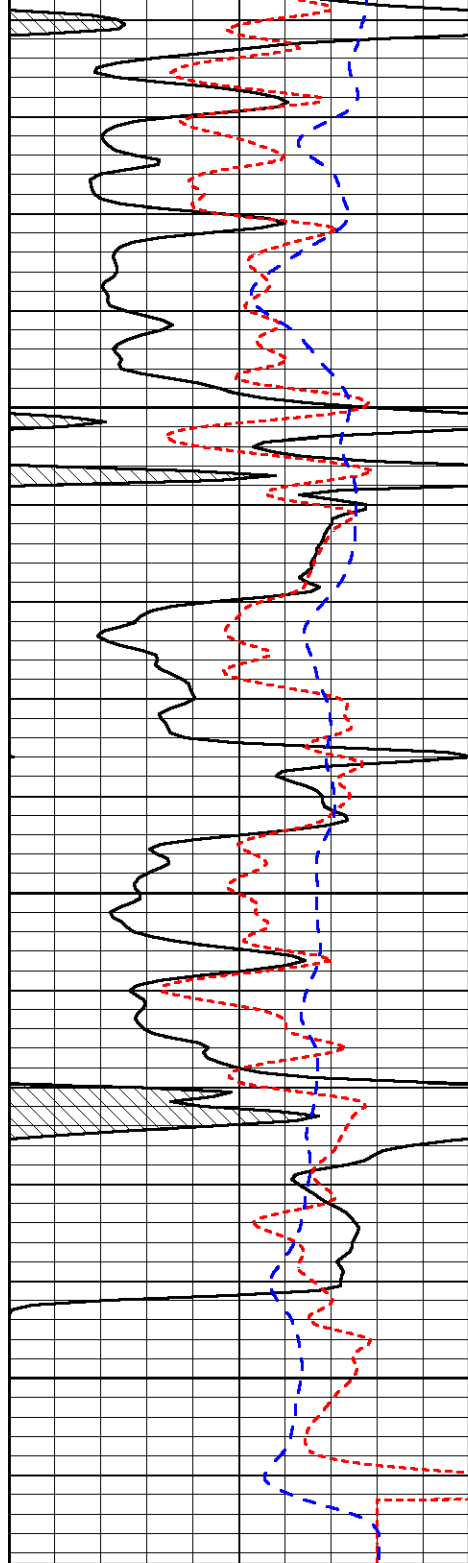
-33

-33

-33

-33

-33

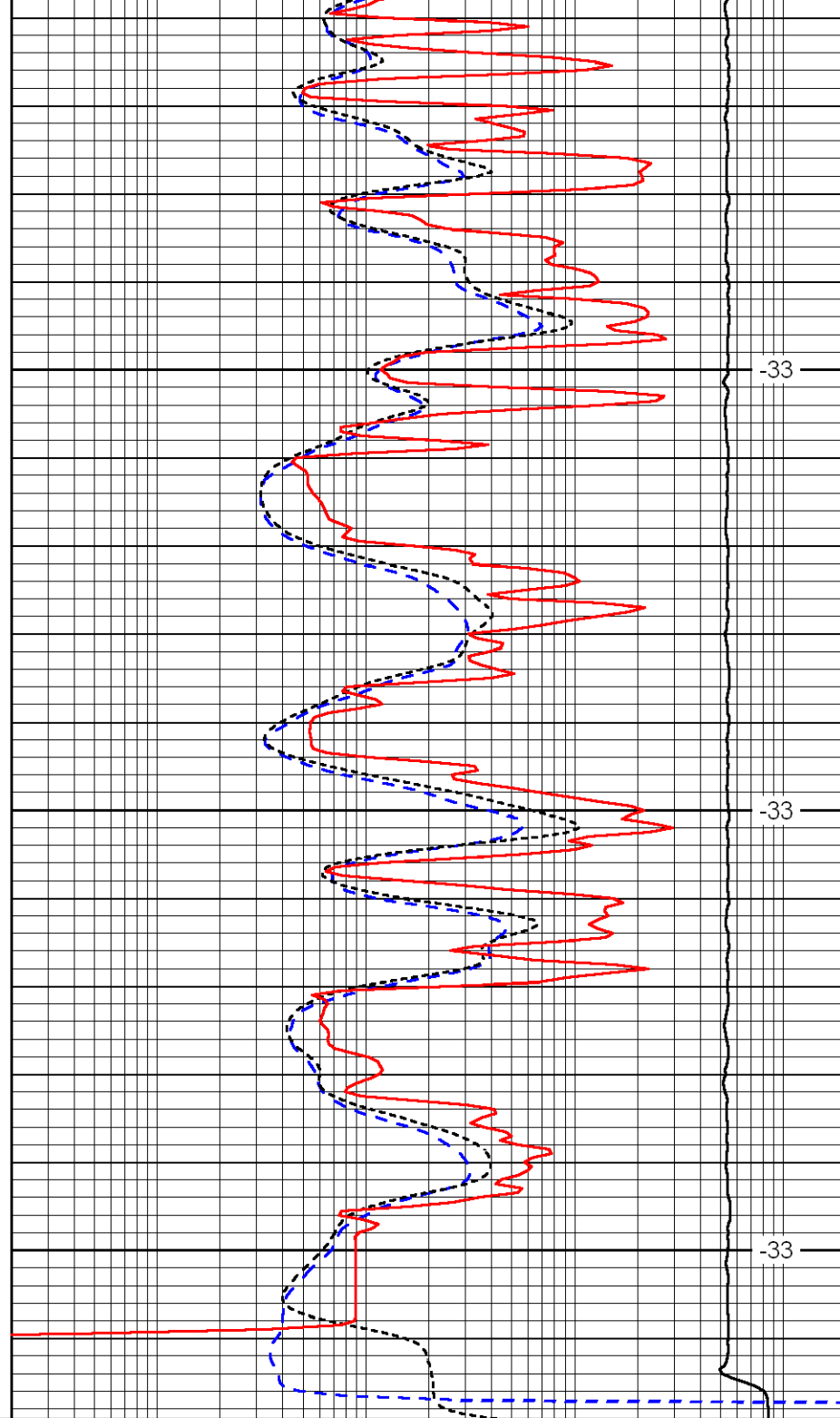


0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

3350

3400

3450



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

LSPD