

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-167-23696-00-00

Company Russell Oil, Inc.

Well Hubert Keil #4

Field Nuss

County Russell

State

Kansas

Location

N2 SW SW NW
2100' FNL / 330' FWL

Sec: 32

Twp: 15S

Rge: 14W

Elevation

Permanent Datum Ground Level Elevation 1849
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1856
D.F. 1849
G.L. 1849

Date

4/17/2011

Run Number

One

Depth Driller

3500

Depth Logger

3504

Bottom Logged Interval

3503

Top Log Interval

900

Casing Driller

8.625 @ 942

Casing Logger

944

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

10500

Density / Viscosity

9.1 51

pH / Fluid Loss

10.5 10.2

Source of Sample

Flowline

Rm @ Meas. Temp

0.32 @ 65

Rmf @ Meas. Temp

0.24 @ 65

Rmc @ Meas. Temp

0.43 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

0.18 @ 113

Operating Rig Time

3 Hours

Max Rec. Temp. F

113

Equipment Number

17

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Steven D. Angle

<<< 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

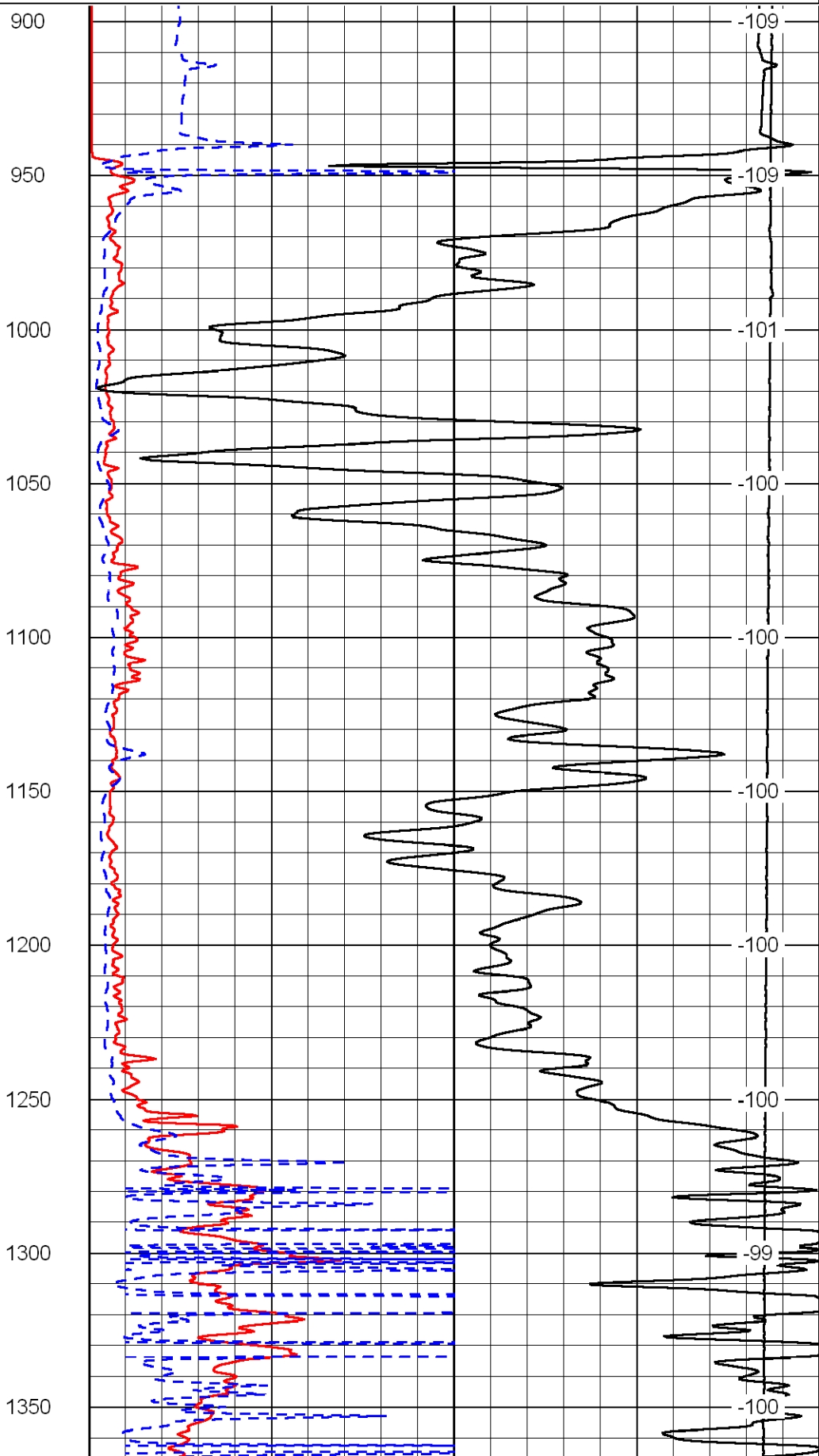
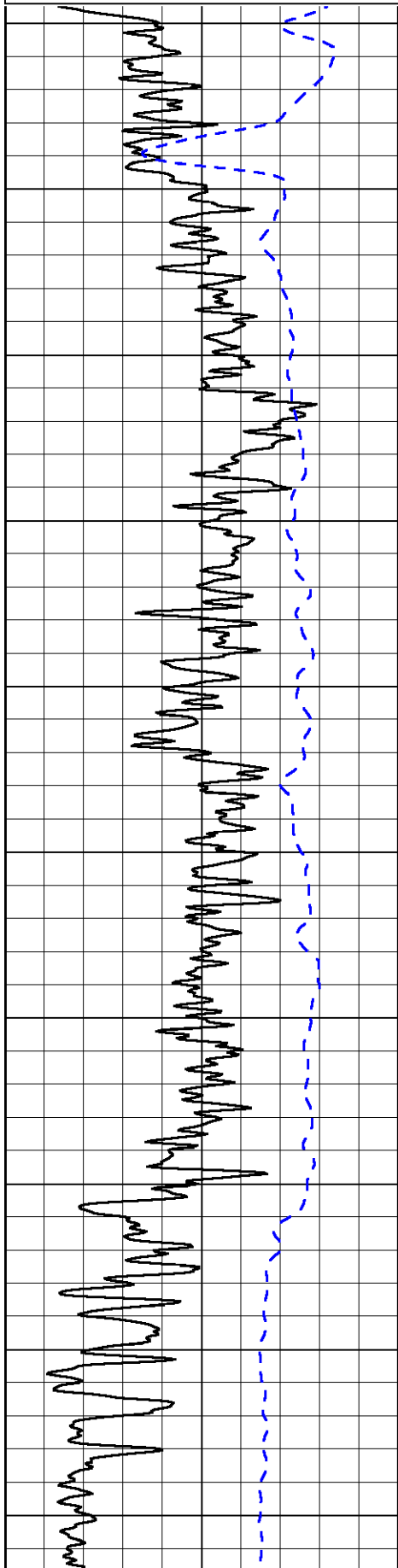
Thank you for using Log-Tech, Inc.
(785) 625-3858

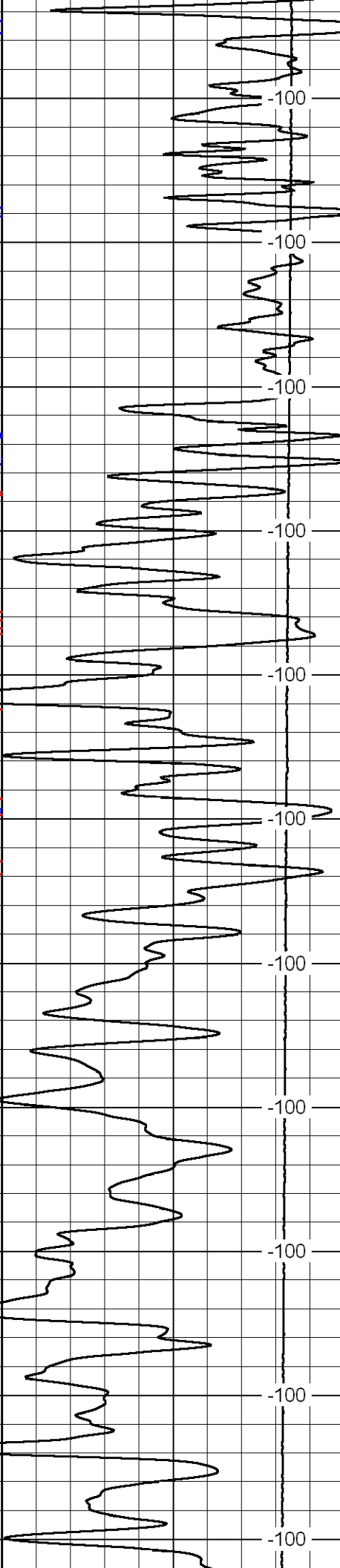
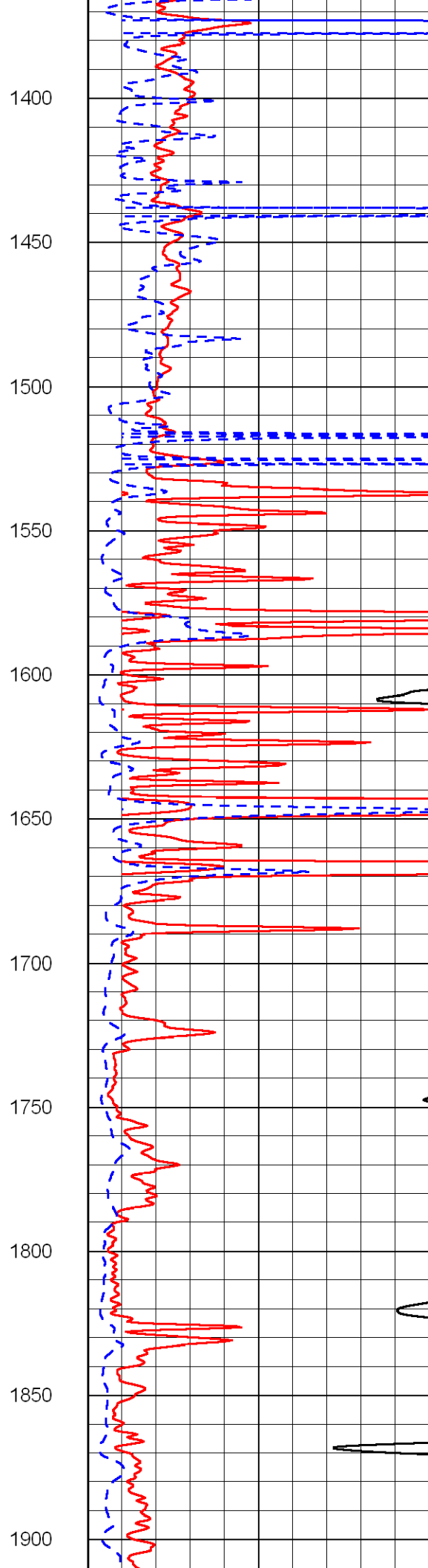
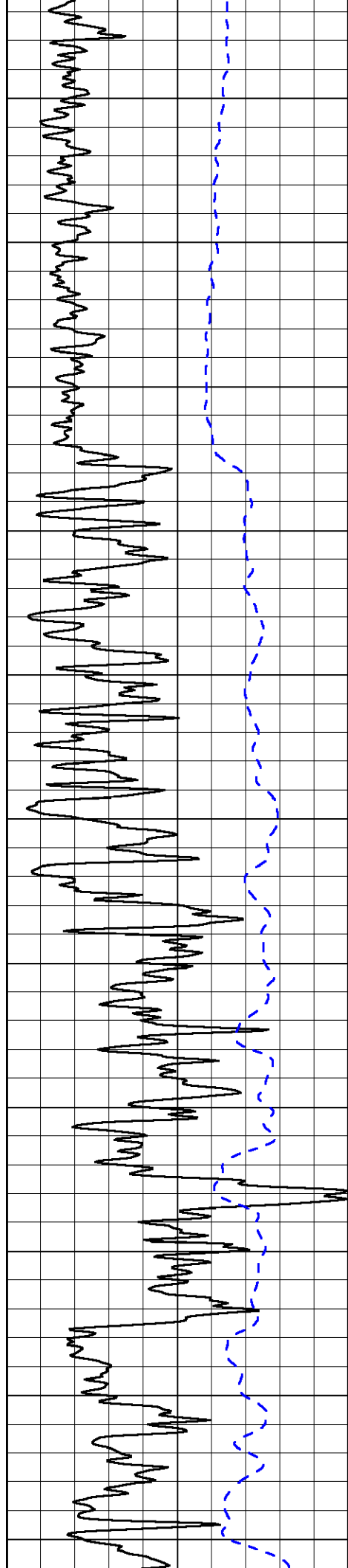
Millberger, KS:
1/2S, E into

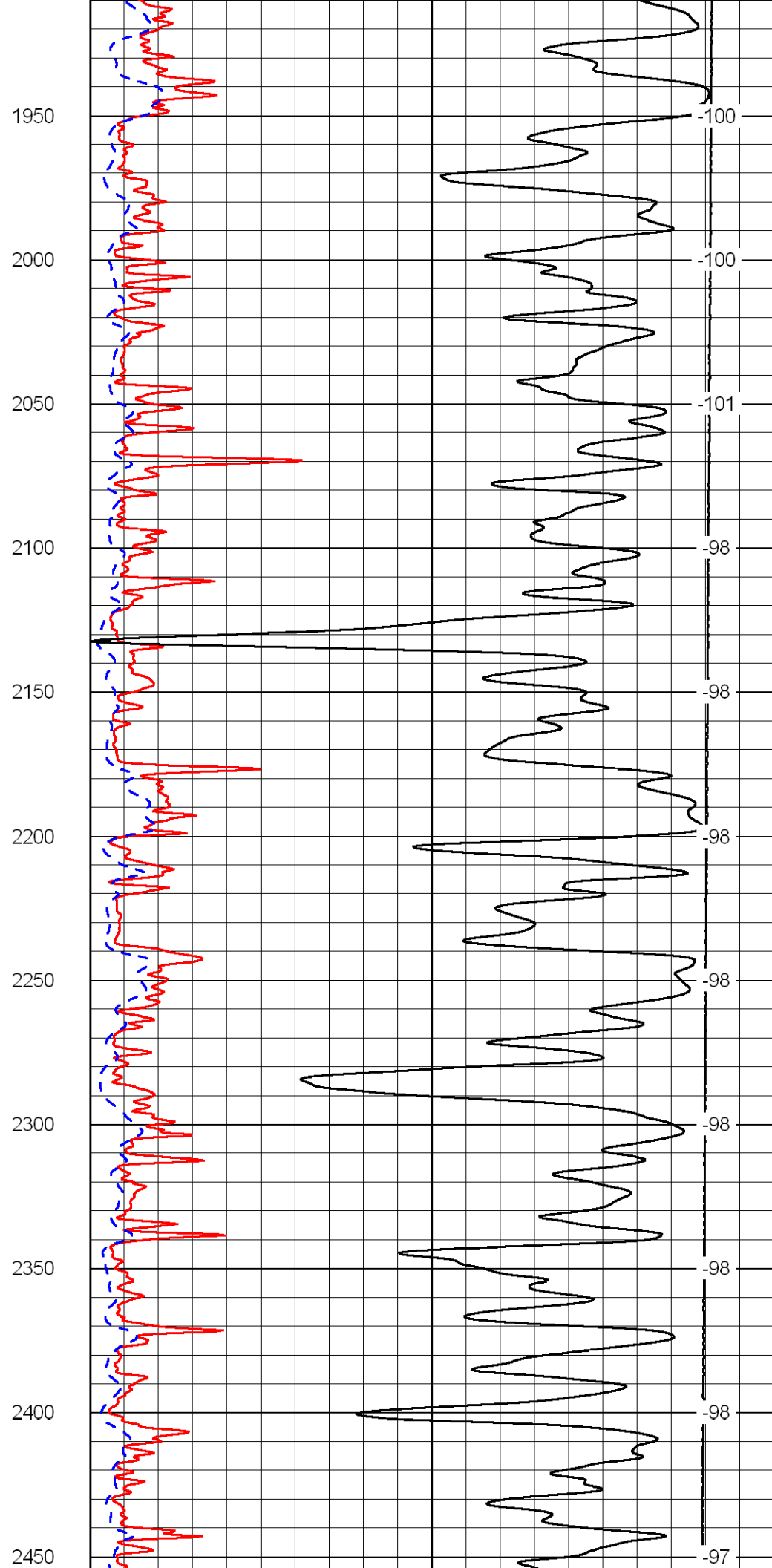
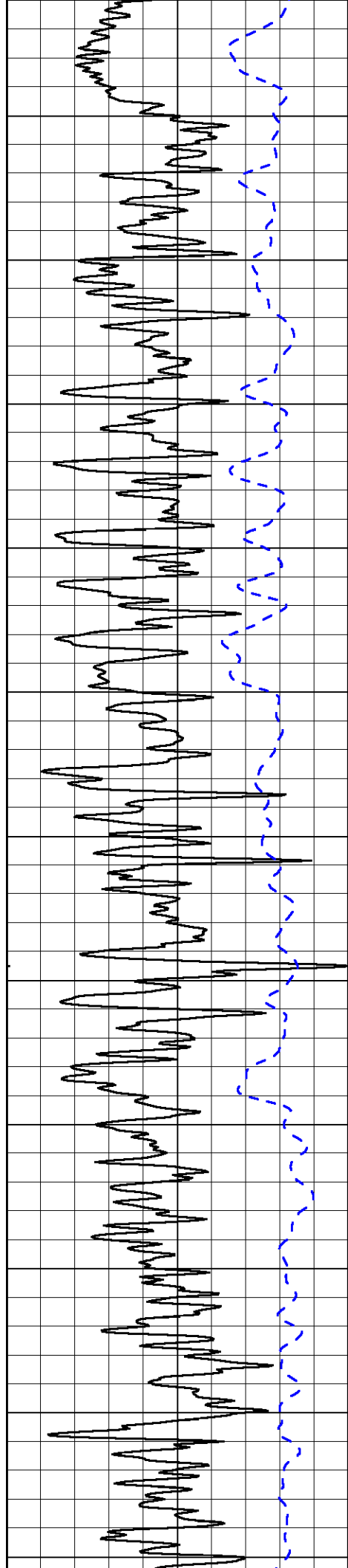
Database File: russhd.db
Dataset Pathname: dil/rusmain
Presentation Format: dil2in
Dataset Creation: Sun Apr 17 17:04:24 2011
Charted by: Depth in Feet scaled 1:600

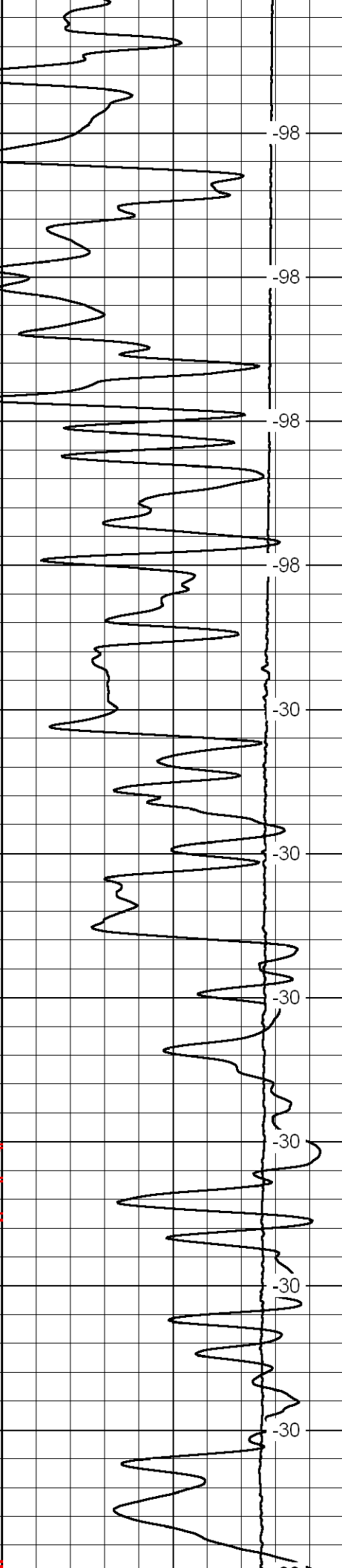
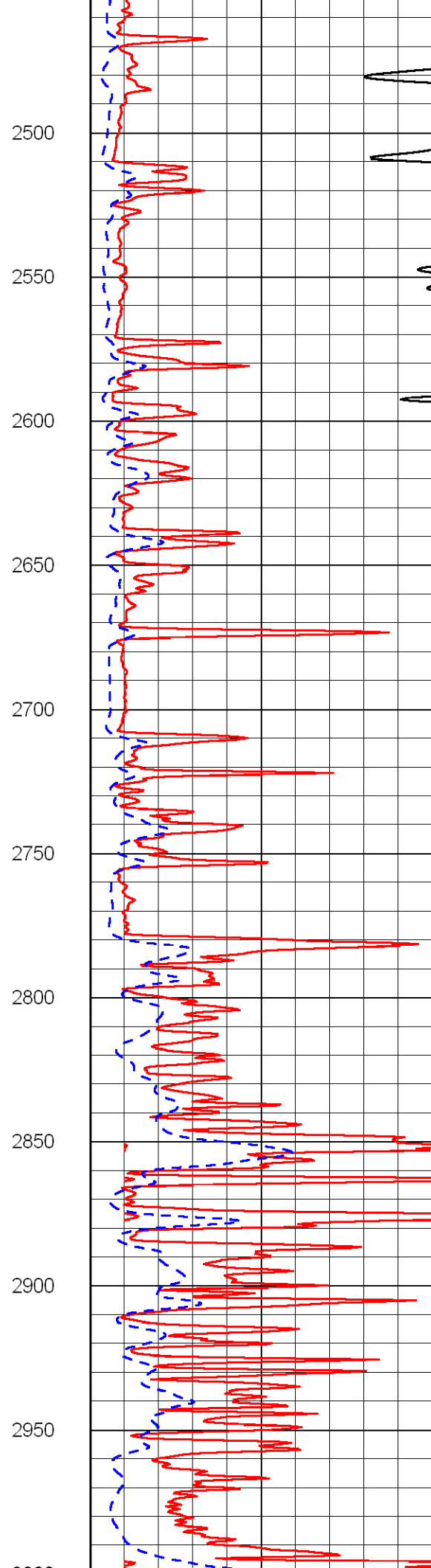
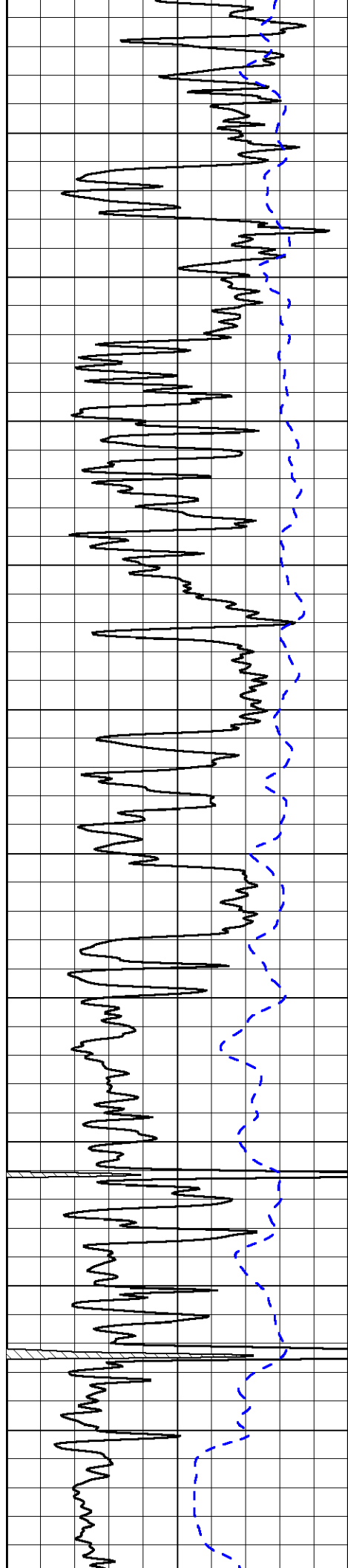
0	Gamma Ray	150
-200	SP	0

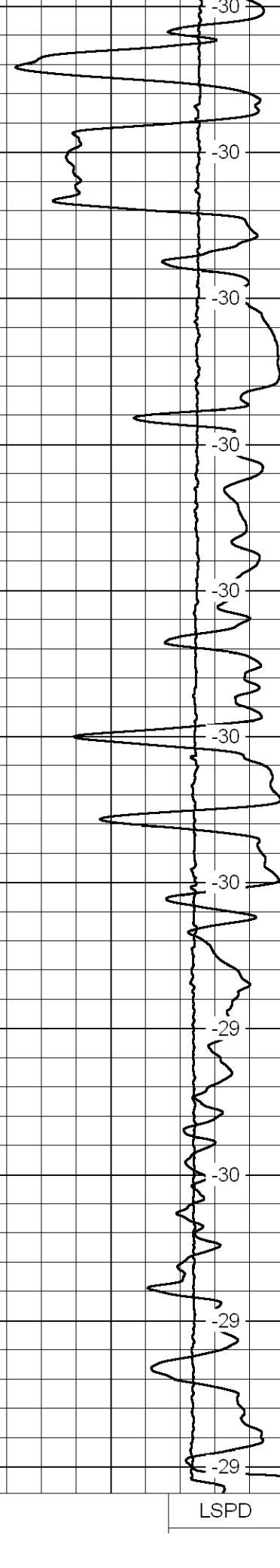
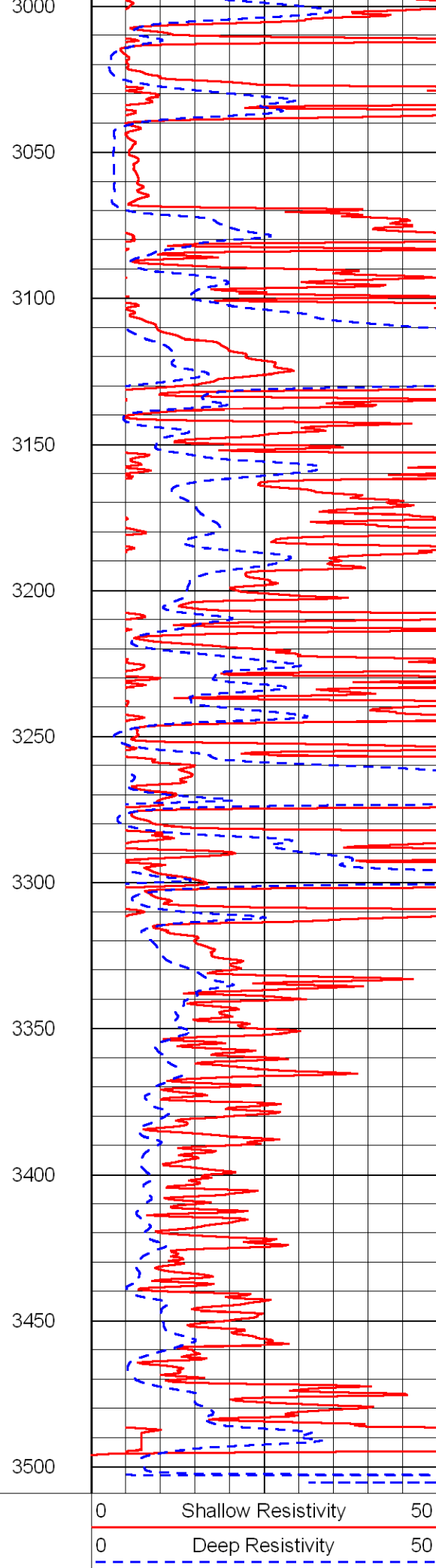
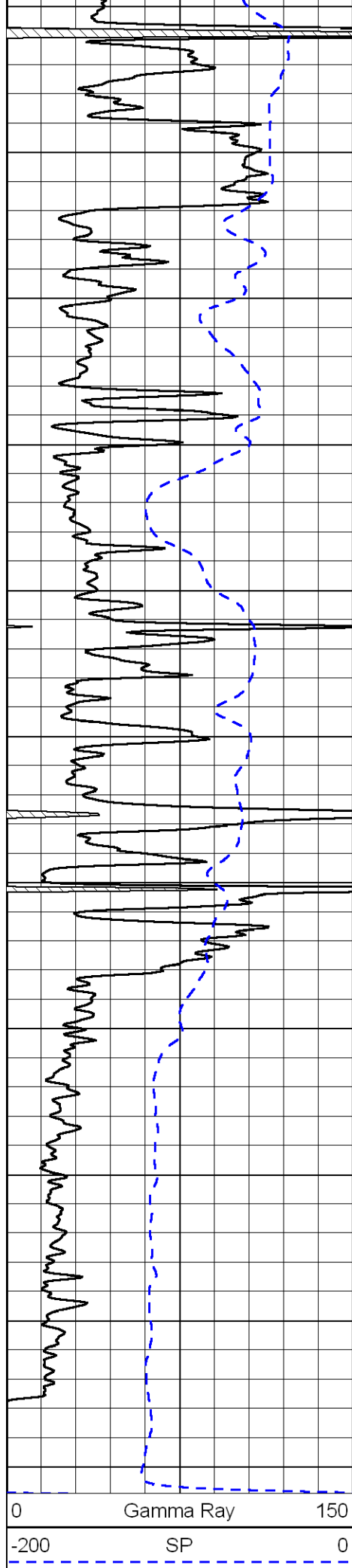
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500











1000 Conductivity

0

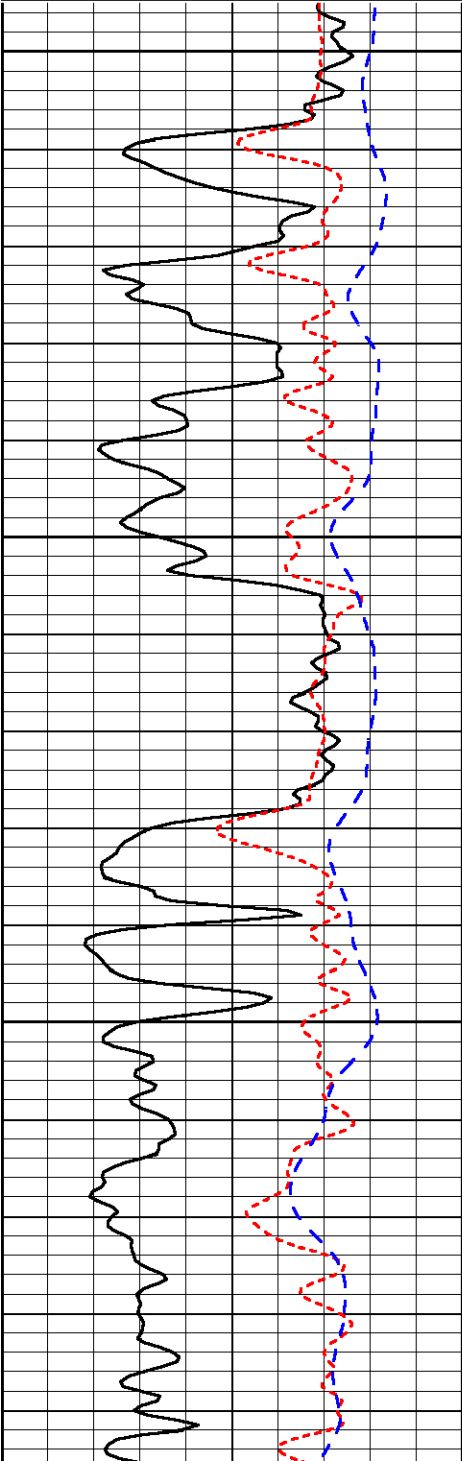
15000		Line Tension		0
50	Shallow Resistivity	500		
50	Deep Resistivity	500		

Database File:	russhd.db
Dataset Pathname:	dil/rusmain
Presentation Format:	dil
Dataset Creation:	Sun Apr 17 17:04:24 2011
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

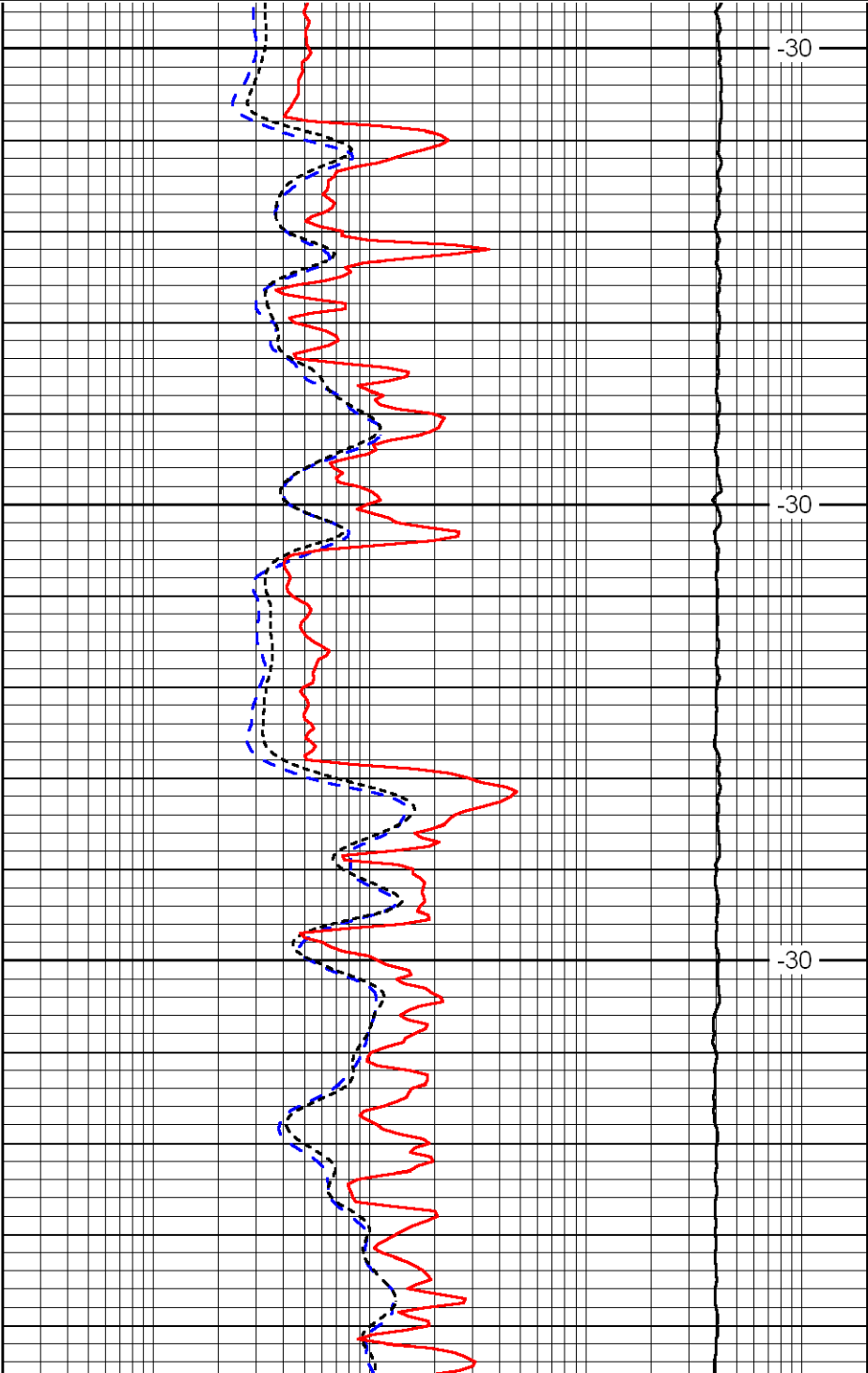
LSPD



2700

2750

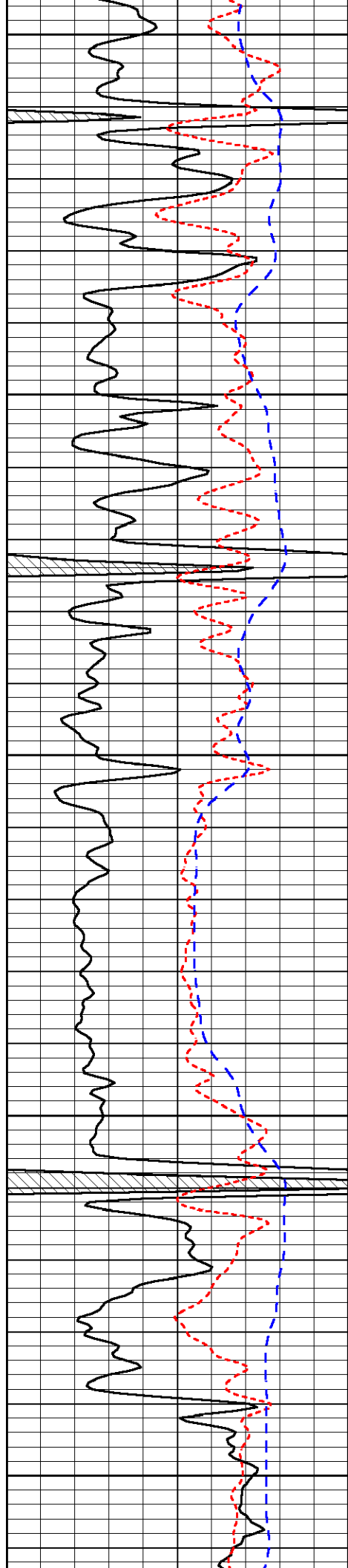
2800



-30

-30

-30



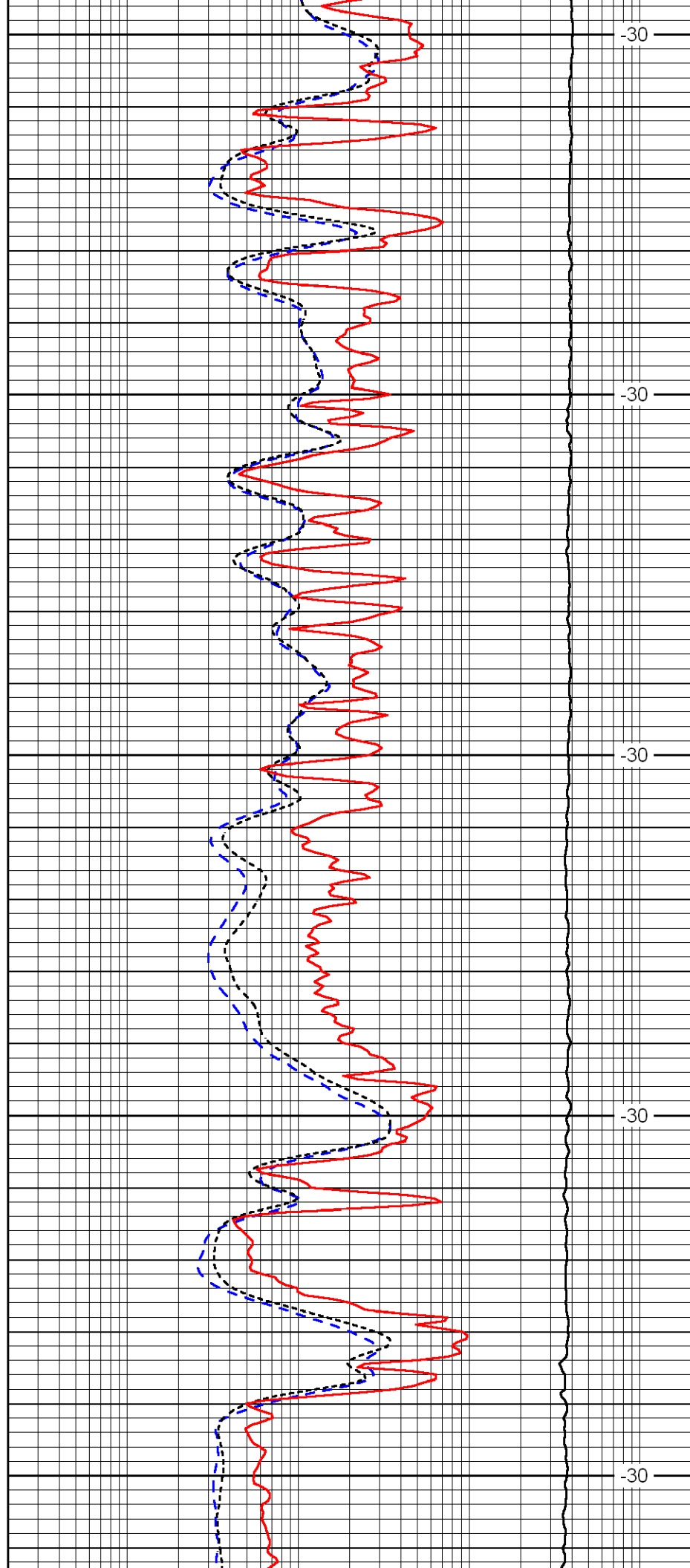
2850

2900

2950

3000

3050



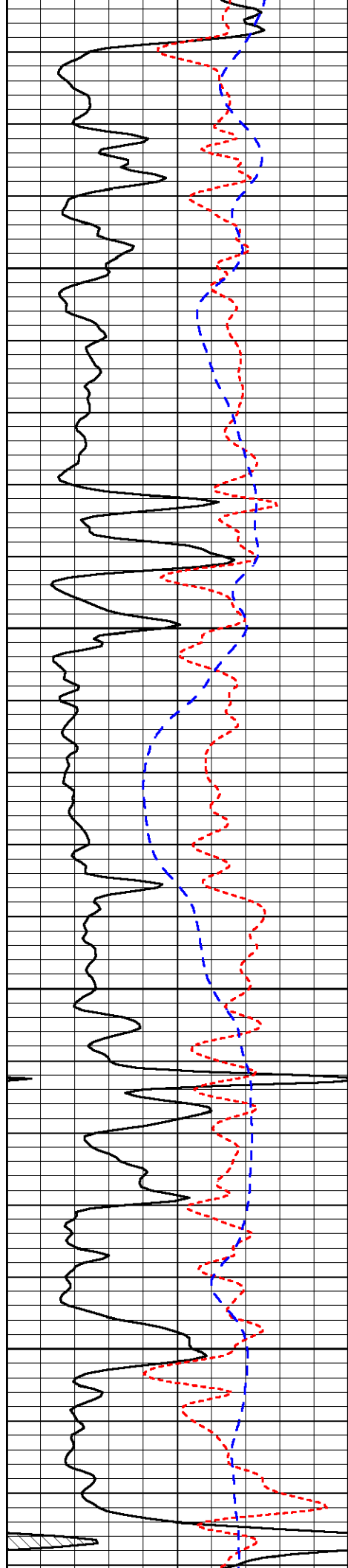
-30

-30

-30

-30

-30

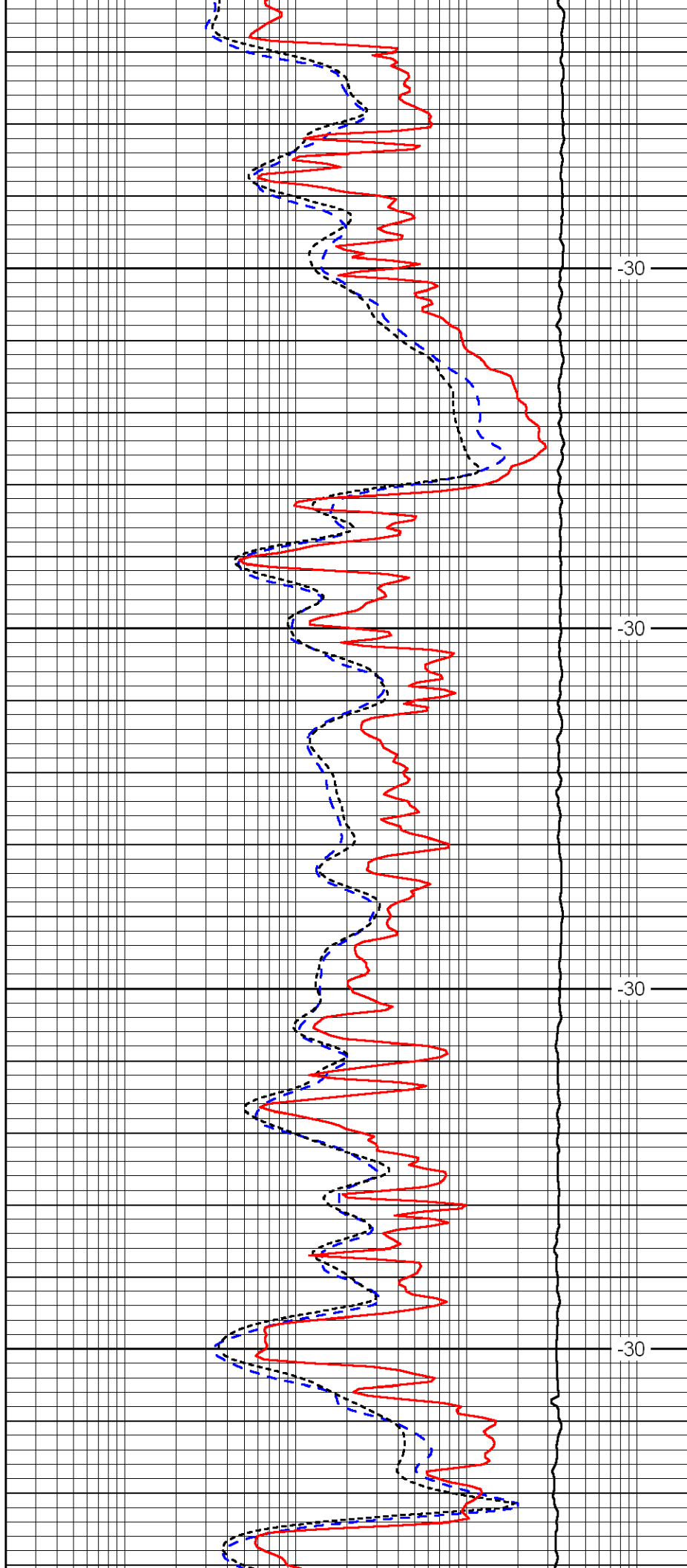


3100

3150

3200

3250

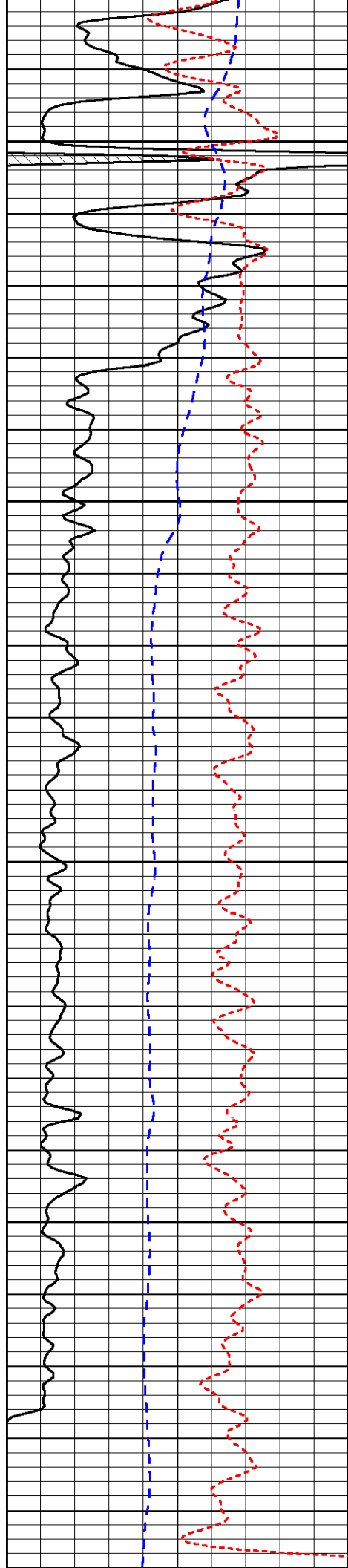


-30

-30

-30

-30

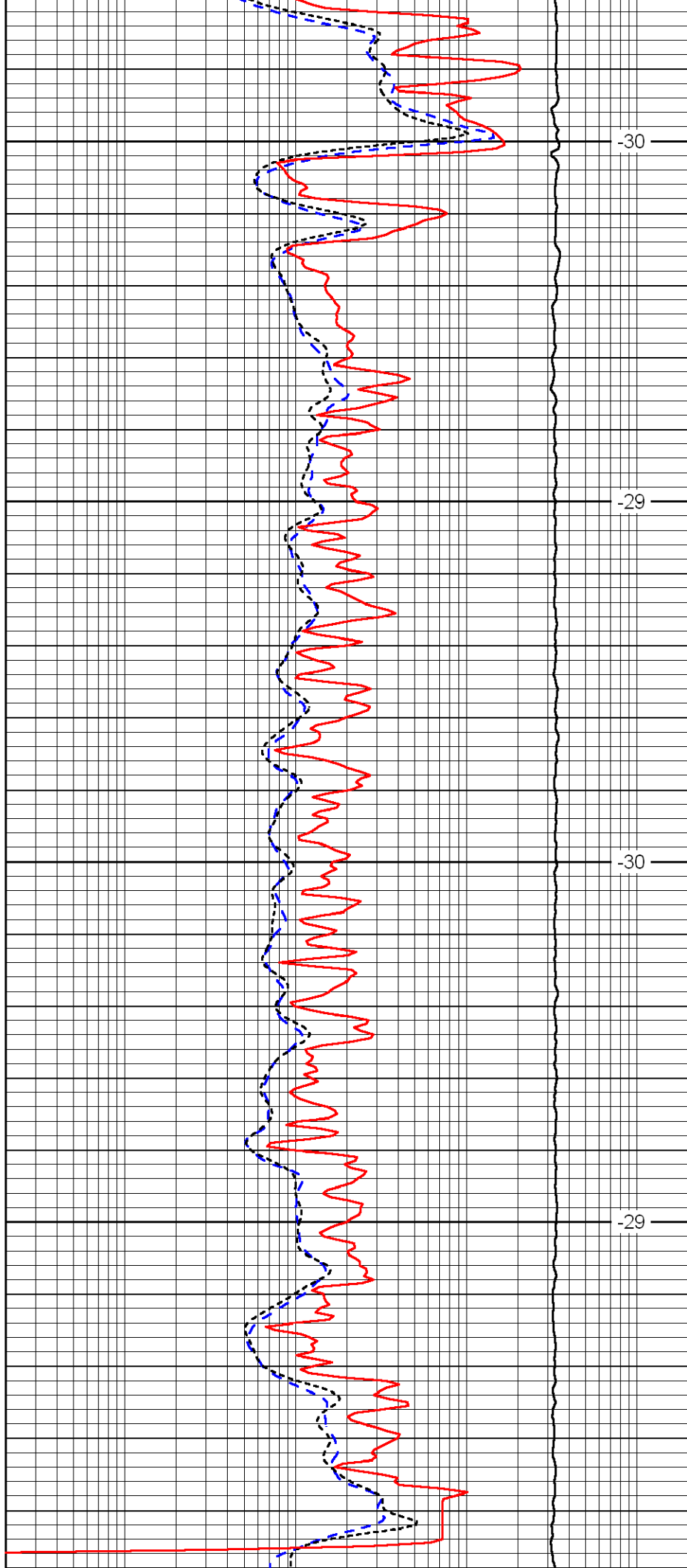


3300

3350

3400

3450

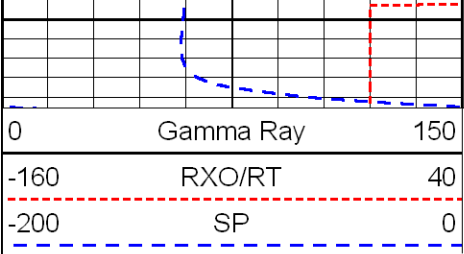


-30

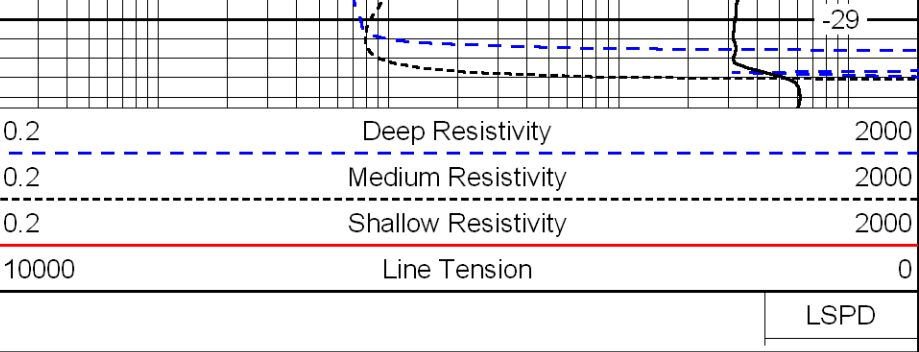
-29

-30

-29



3500



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