

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-051-26,186-00-00

Company TDI, Inc.

Well Munsch No. 5

Field Schoenchen

County Ellis State

Kansas

Location

E2 SW SE SE
330' FSL & 945' FEL

Sec: 9

Twp: 15S

Rge: 18W

Elevation

Permanent Datum Ground Level Elevation 2036
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2046
D.F.
G.L. 2036

Date

9/21/2011

Run Number

One

Depth Driller

3750

Depth Logger

3749

Bottom Logged Interval

3748

Top Log Interval

200

Casing Driller

8.625 @ 223

Casing Logger

222

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1800

Density / Viscosity

9.2

56

pH / Fluid Loss

10.5

6.8

Source of Sample

Flowline

Rm @ Meas. Temp

.90 @ 78

Rmf @ Meas. Temp

.68 @ 78

Rmc @ Meas. Temp

1.22 @ 78

Source of Rmf / Rmc

Charts

Rm @ BHT

.62 @ 114

Operating Rig Time

4 Hours

Max Rec. Temp. F

114

Equipment Number

10

Location

Hays

J. Long

Recorded By

Herb Deines

Tom Denning

Witnessed By

Herb Deines

Tom Denning

<<< 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

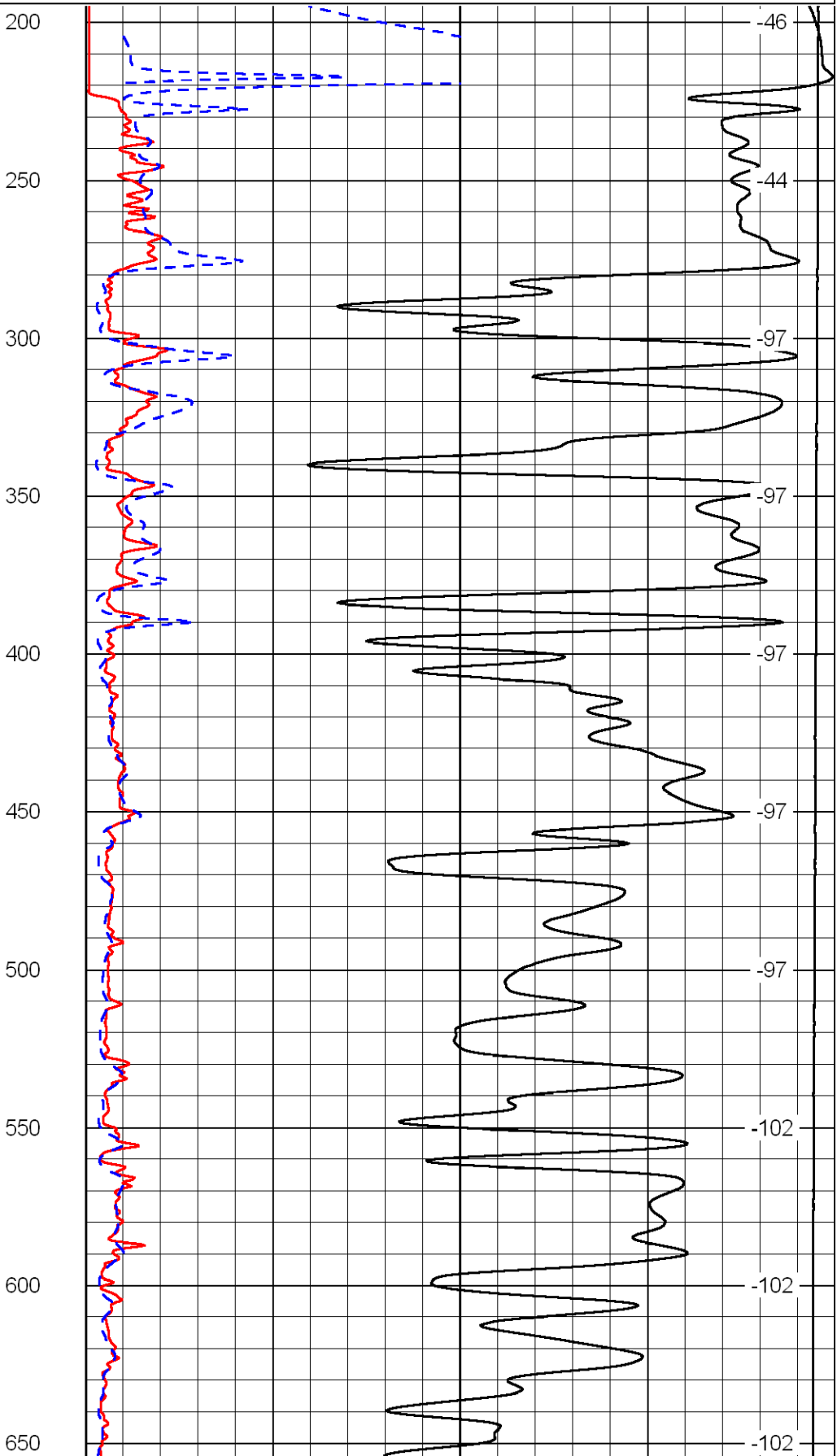
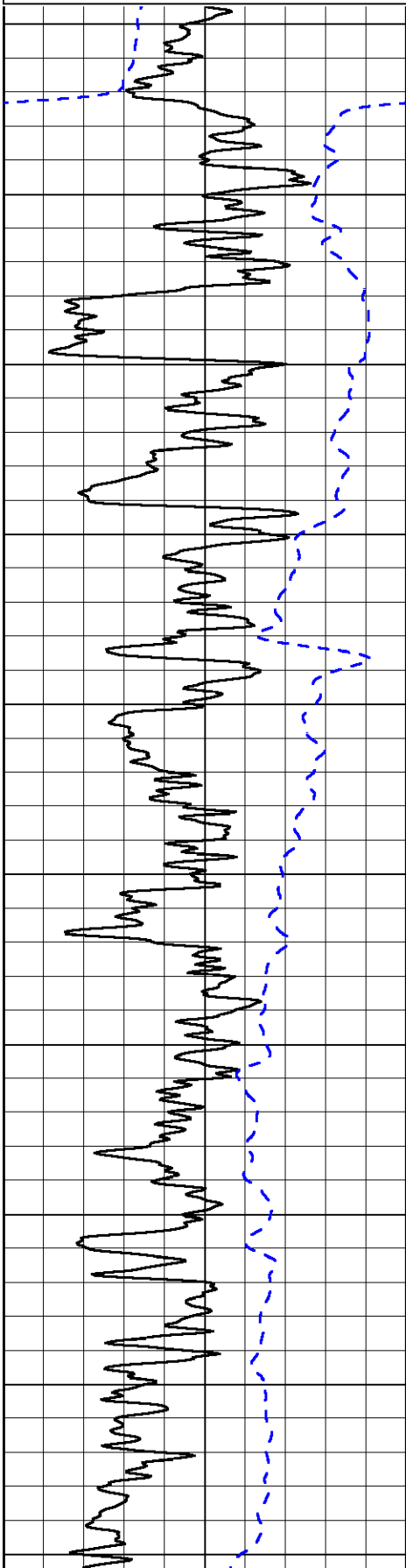
Hays, 7 South to Norfolk Road, 1/4 West, North Into

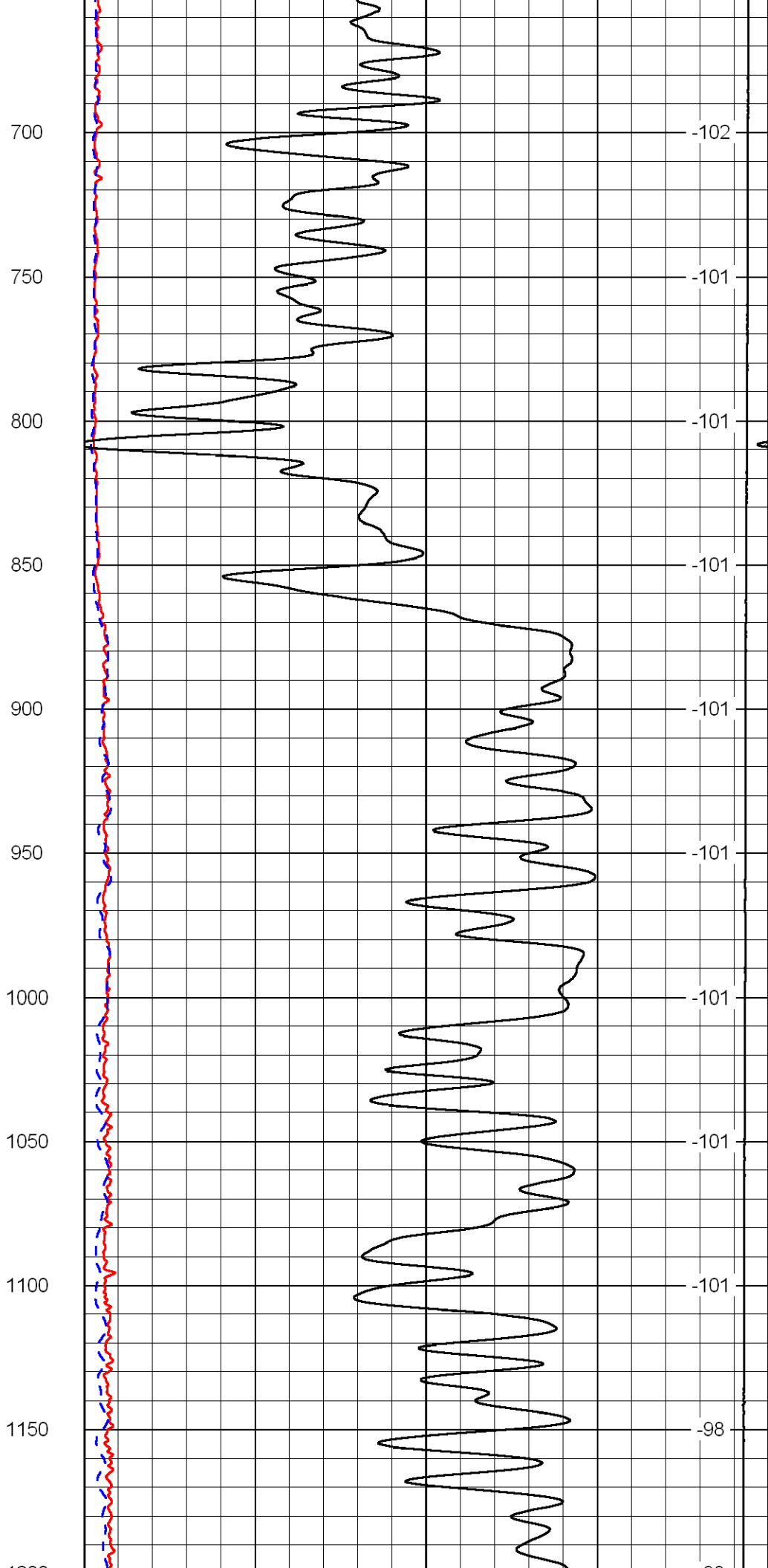
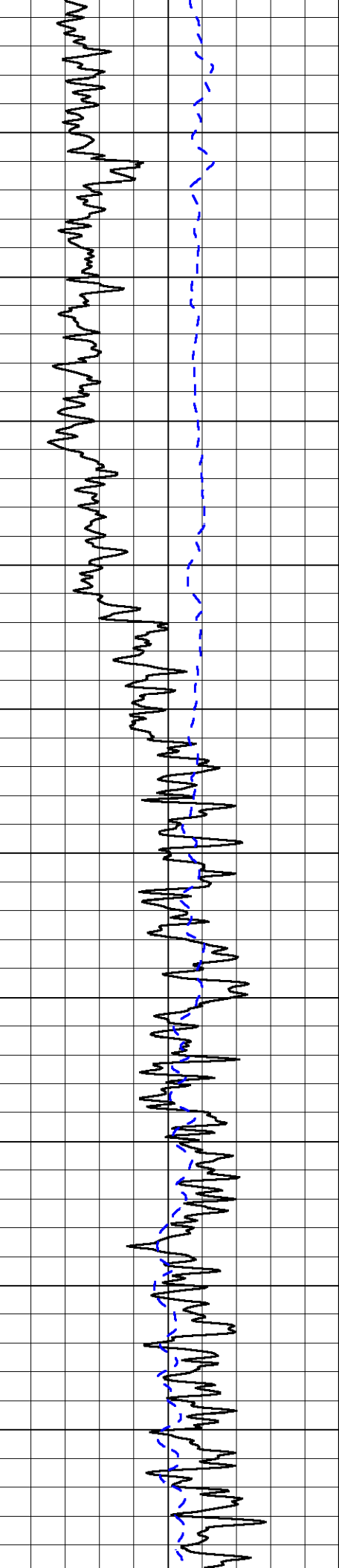
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Presentation Format: dil2in
Dataset Creation: Wed Sep 21 13:06:23 2011
Charted by: Depth in Feet scaled 1:600

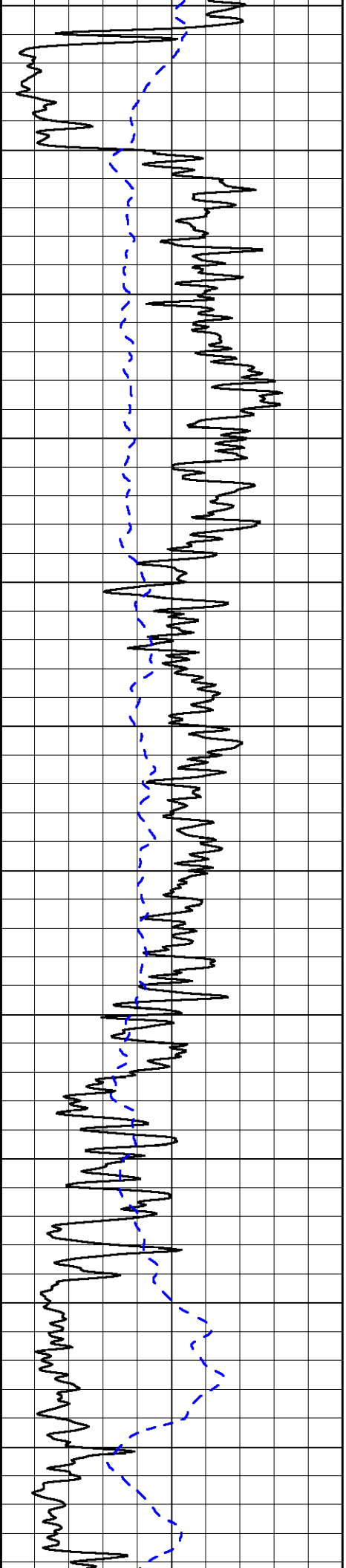
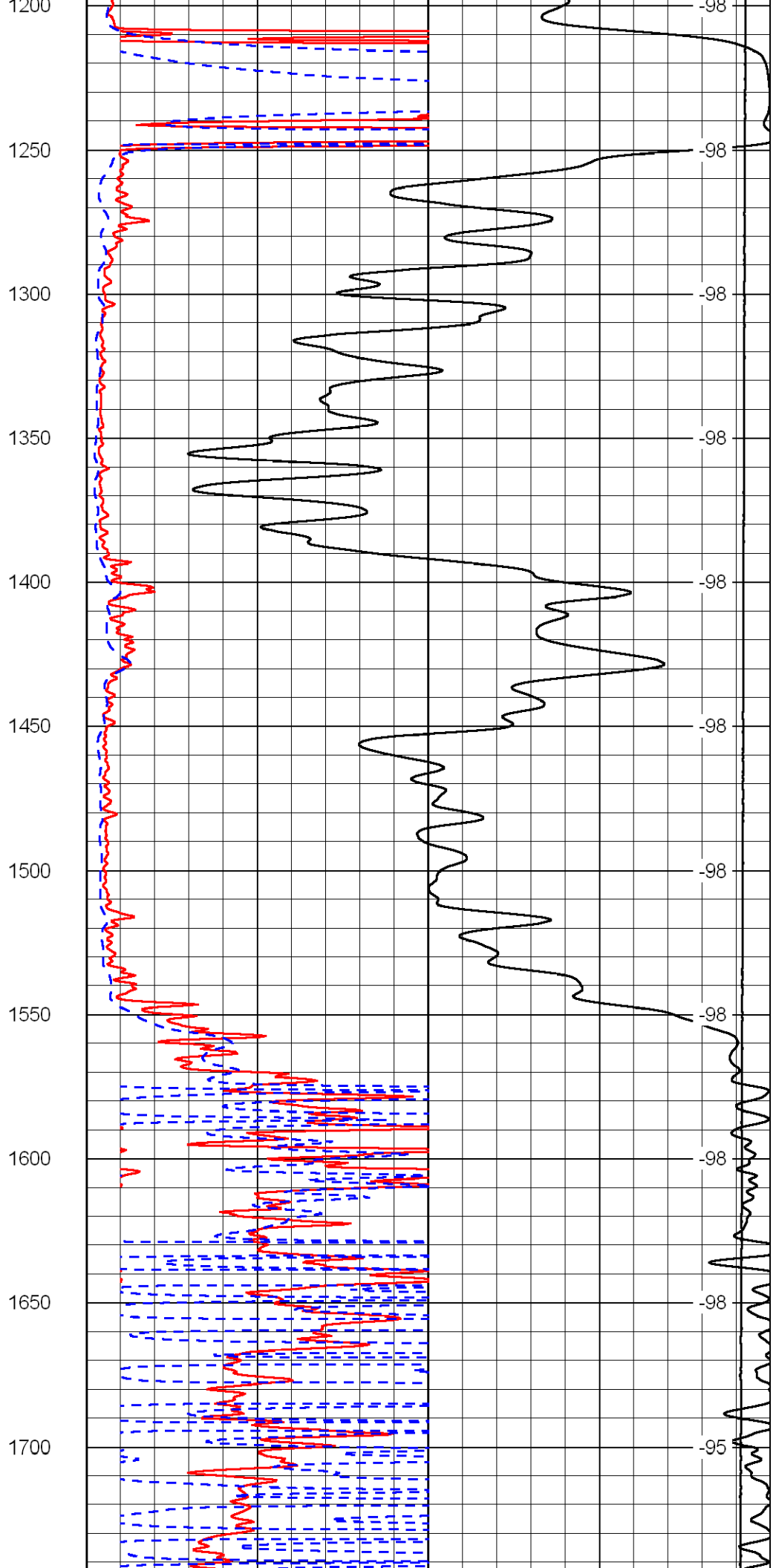
0	Gamma Ray	150
-200	SP (mV)	0

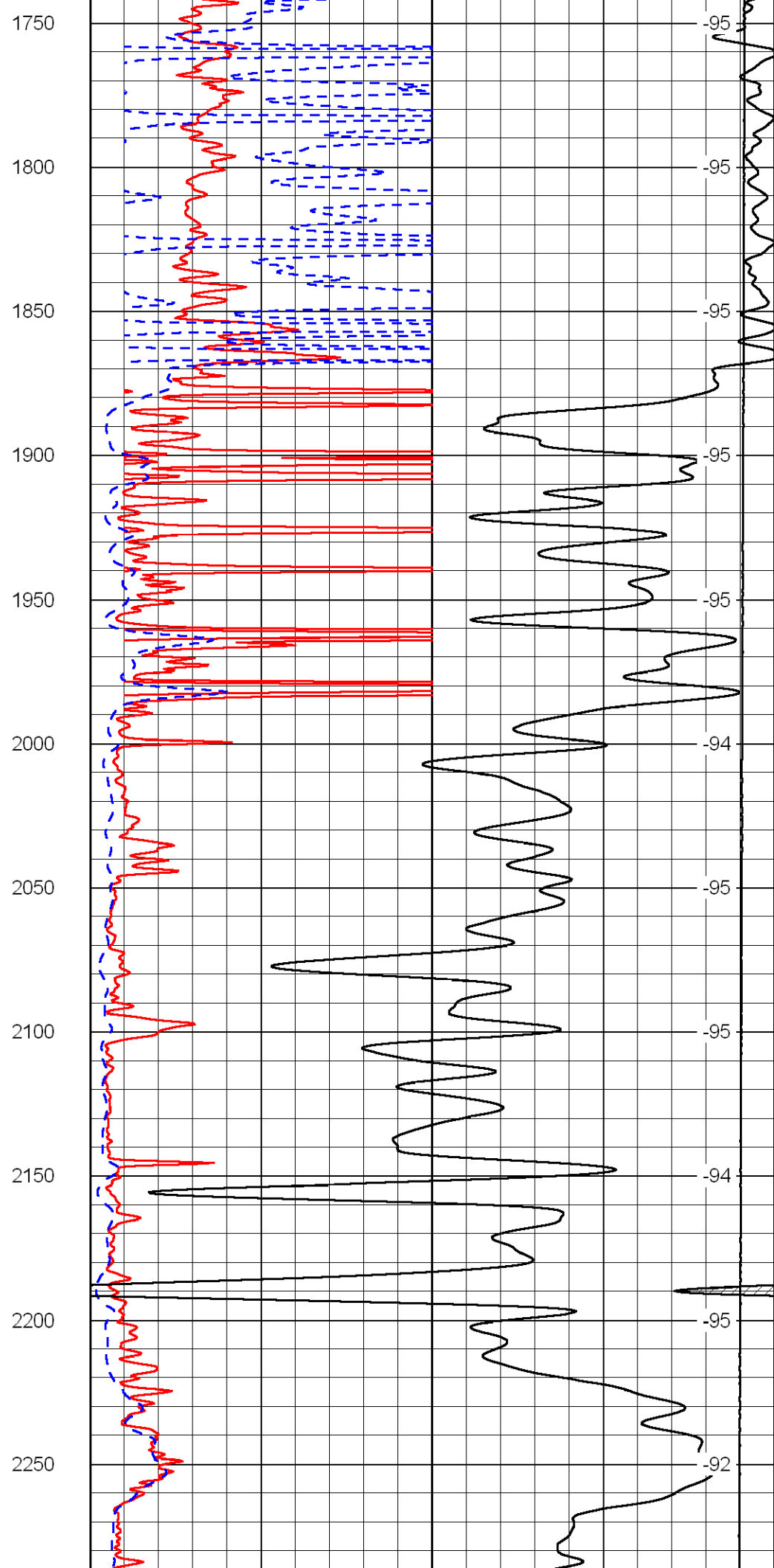
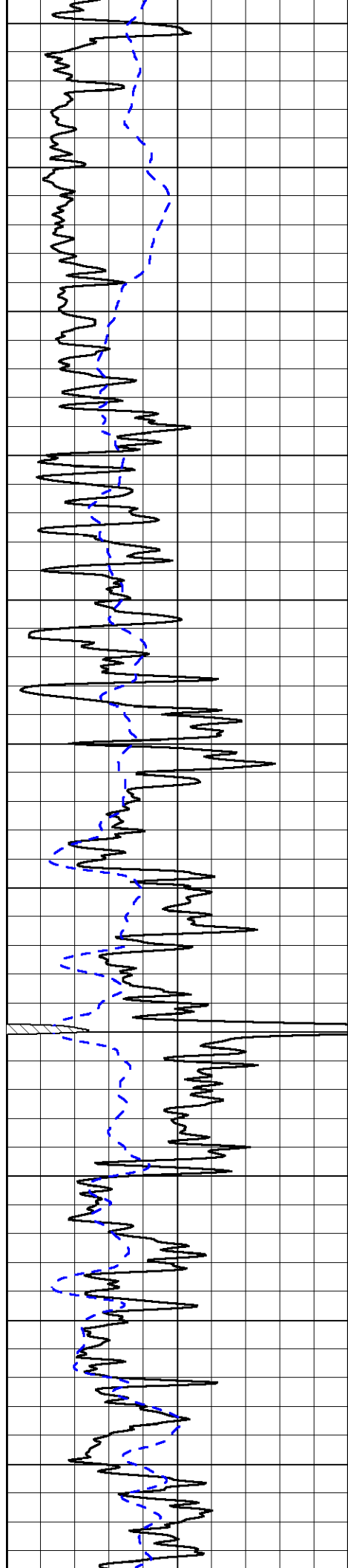
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

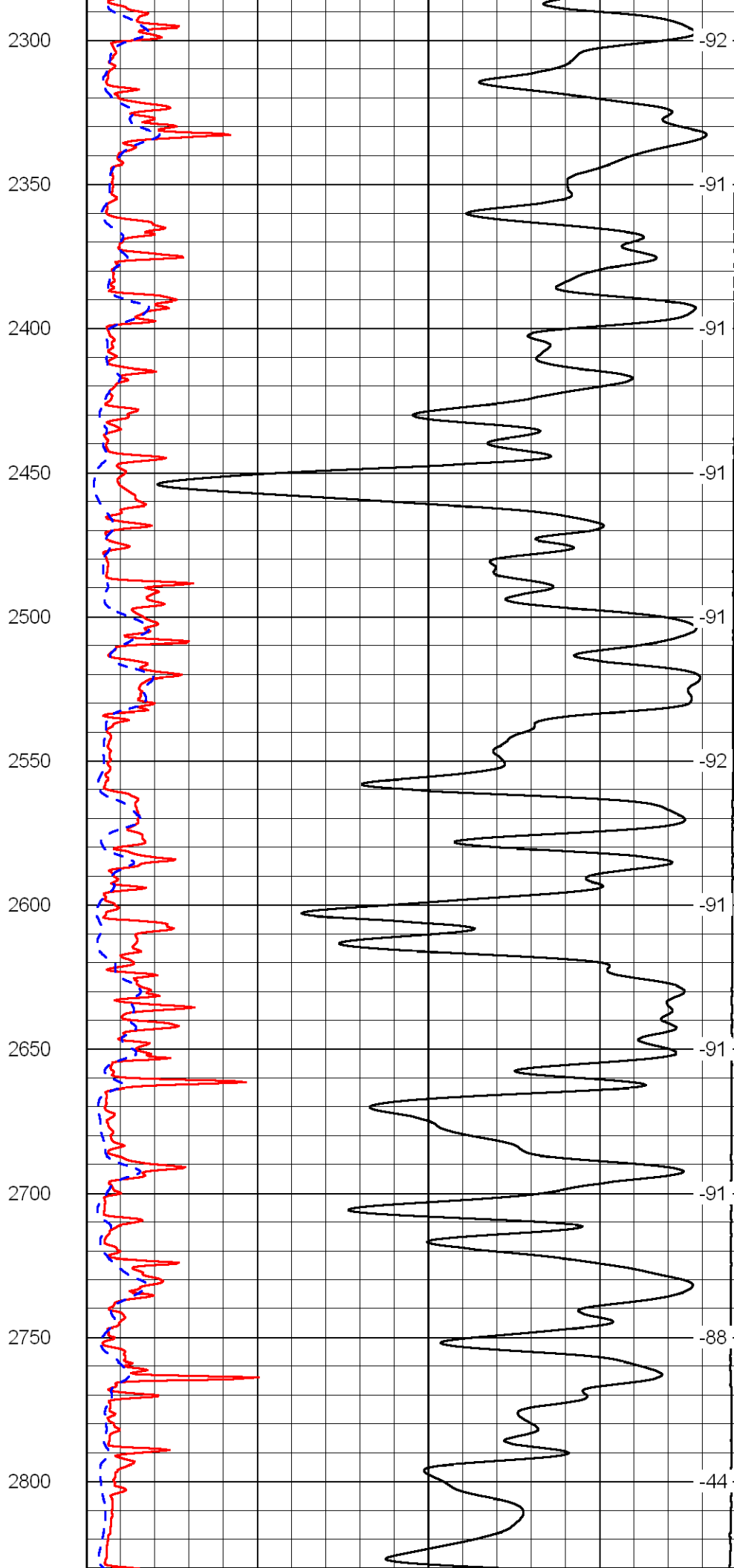
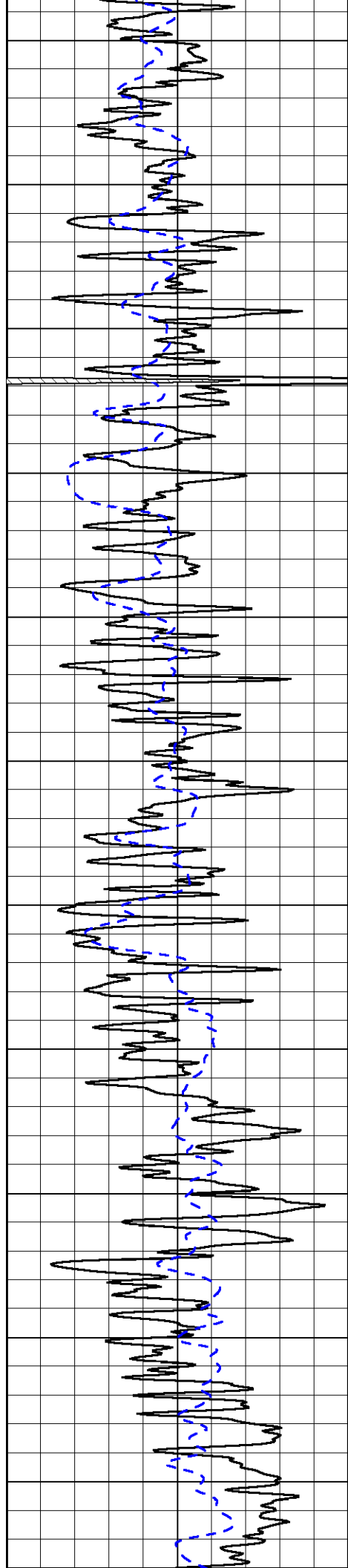
50	Shallow Resistivity (Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

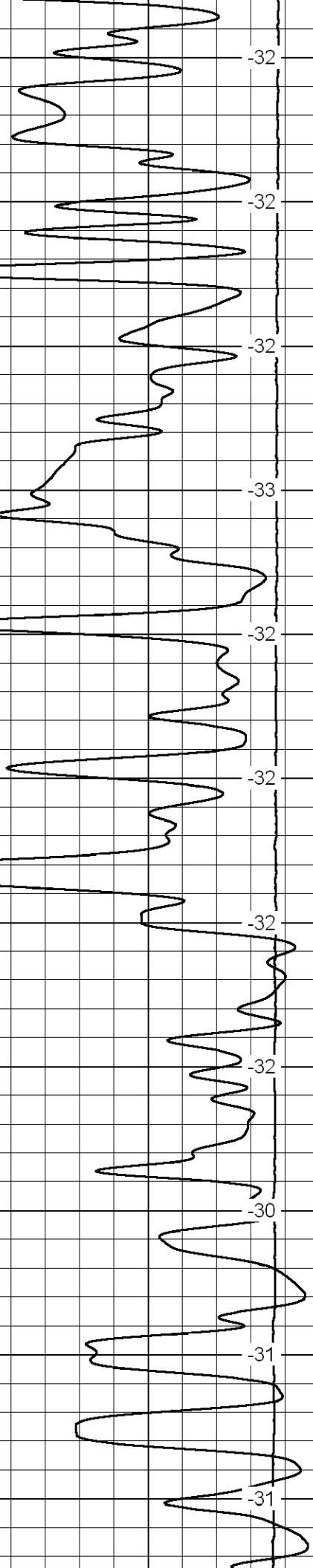
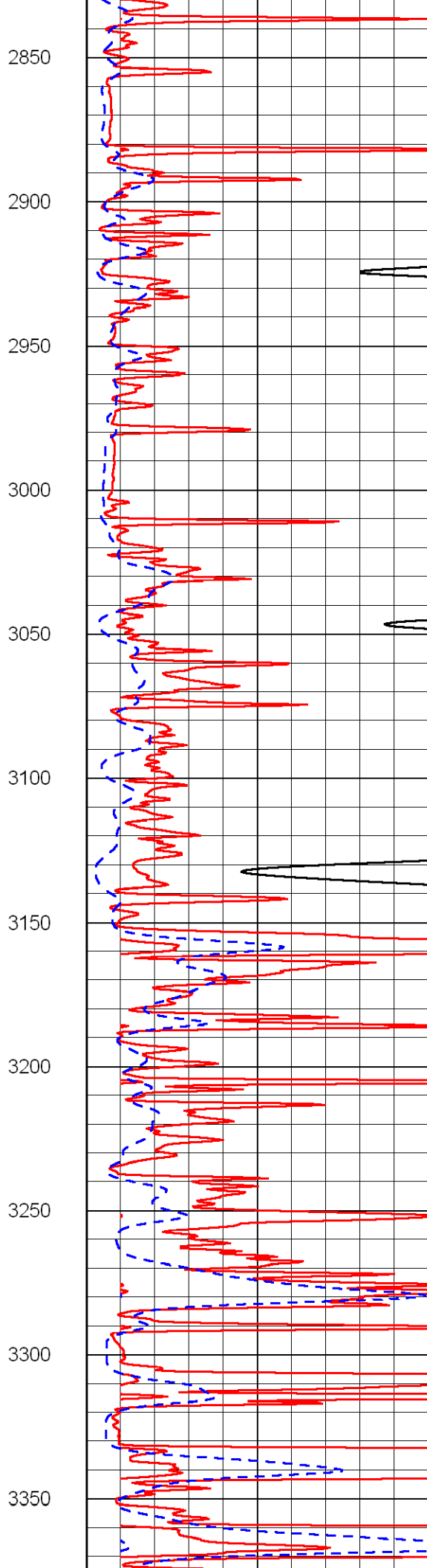
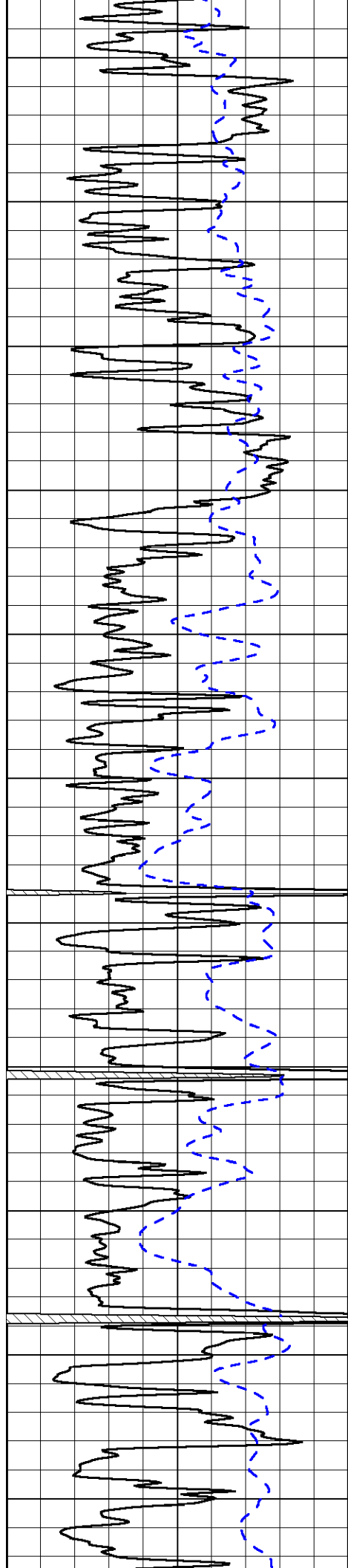


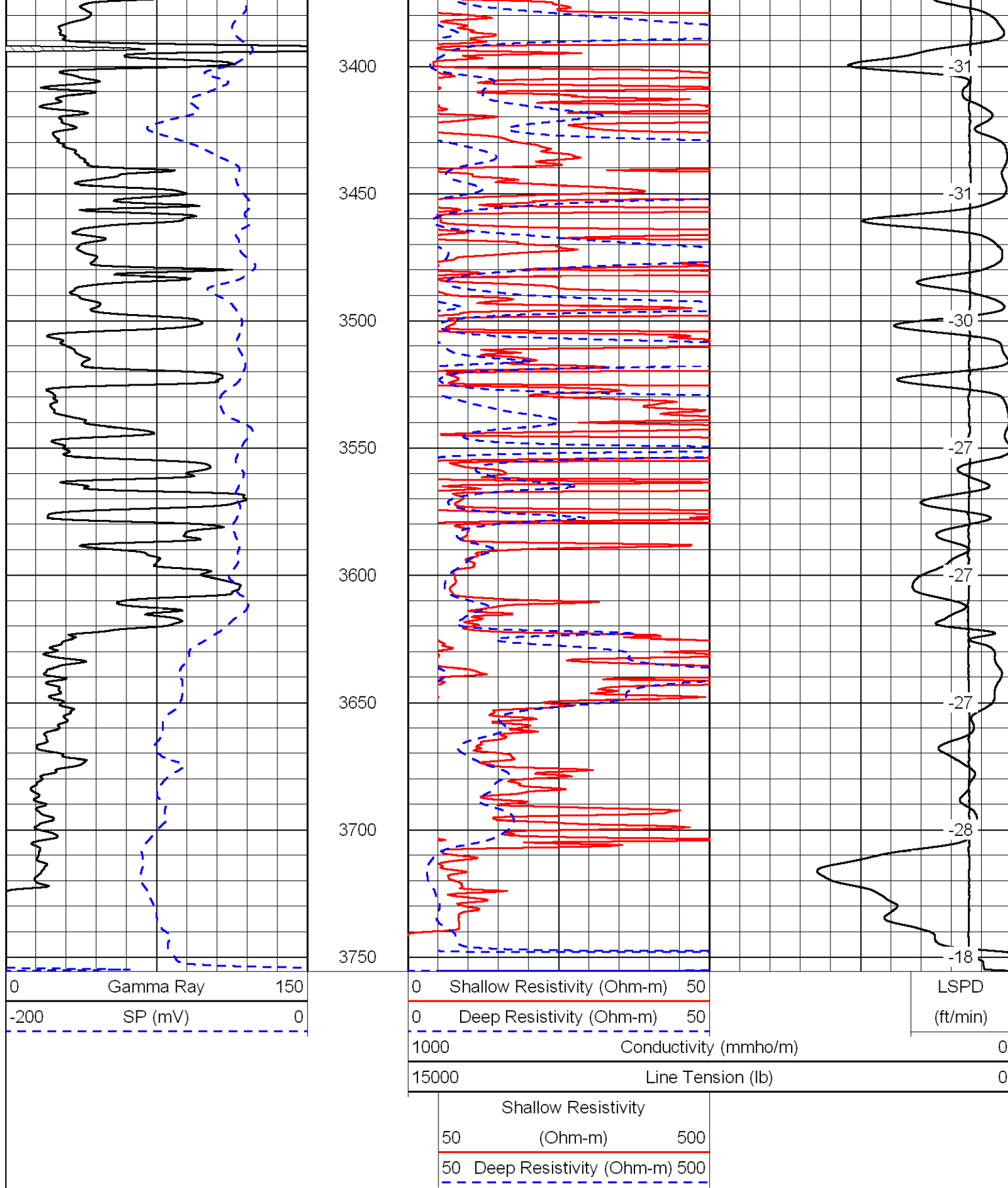












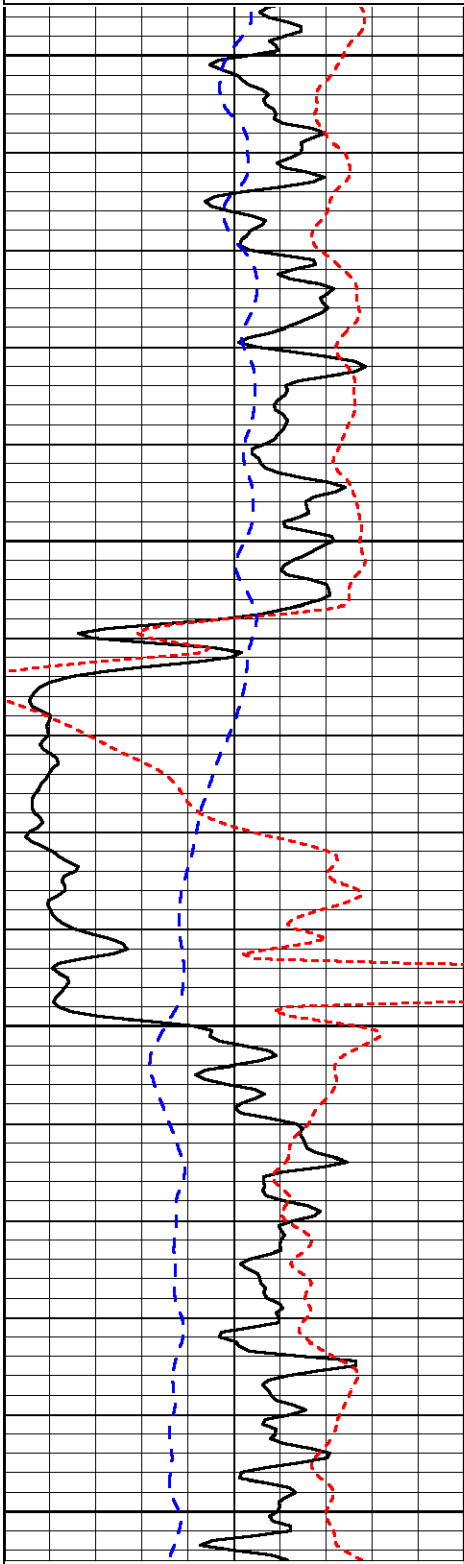
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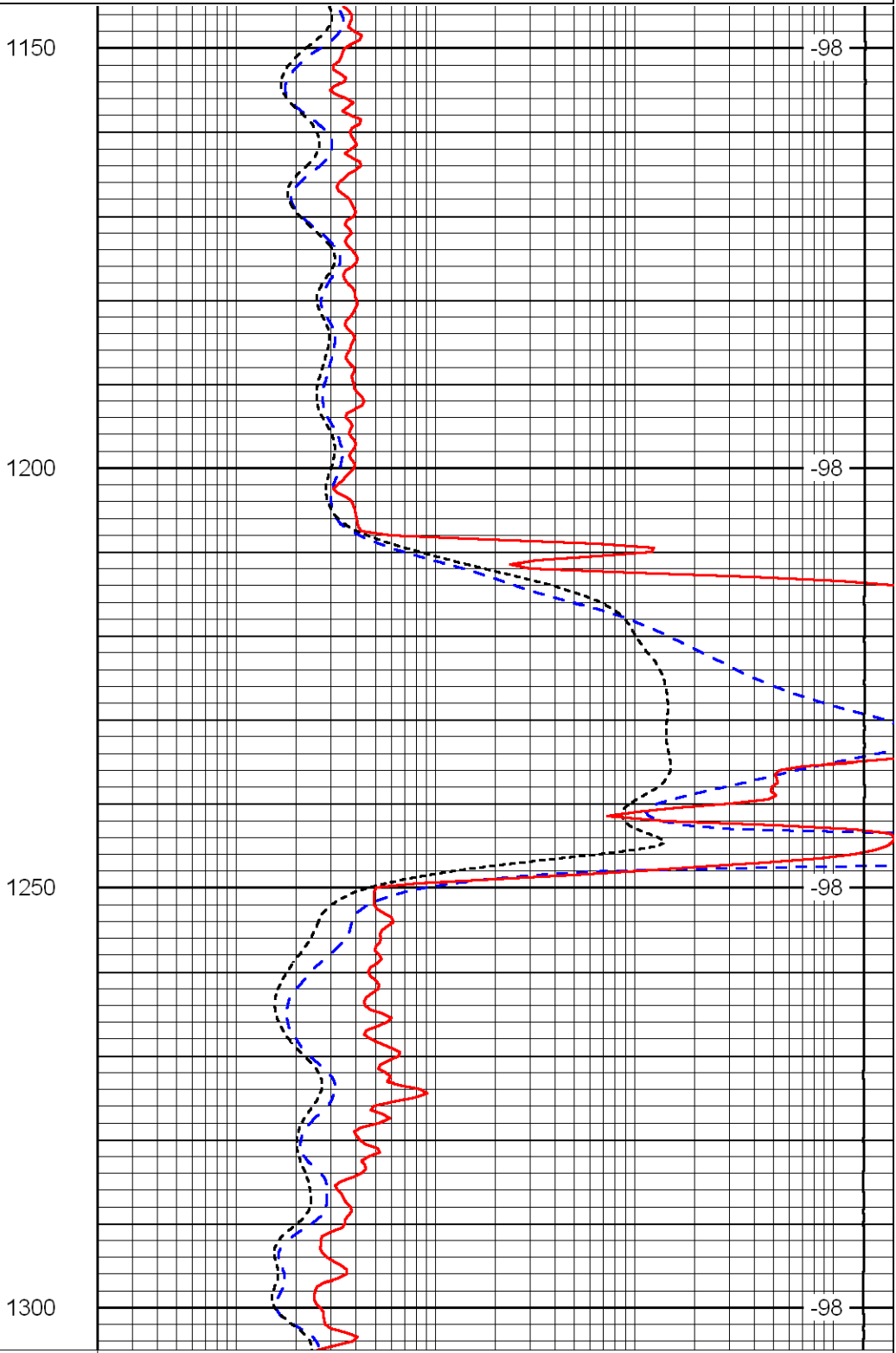
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)



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



0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

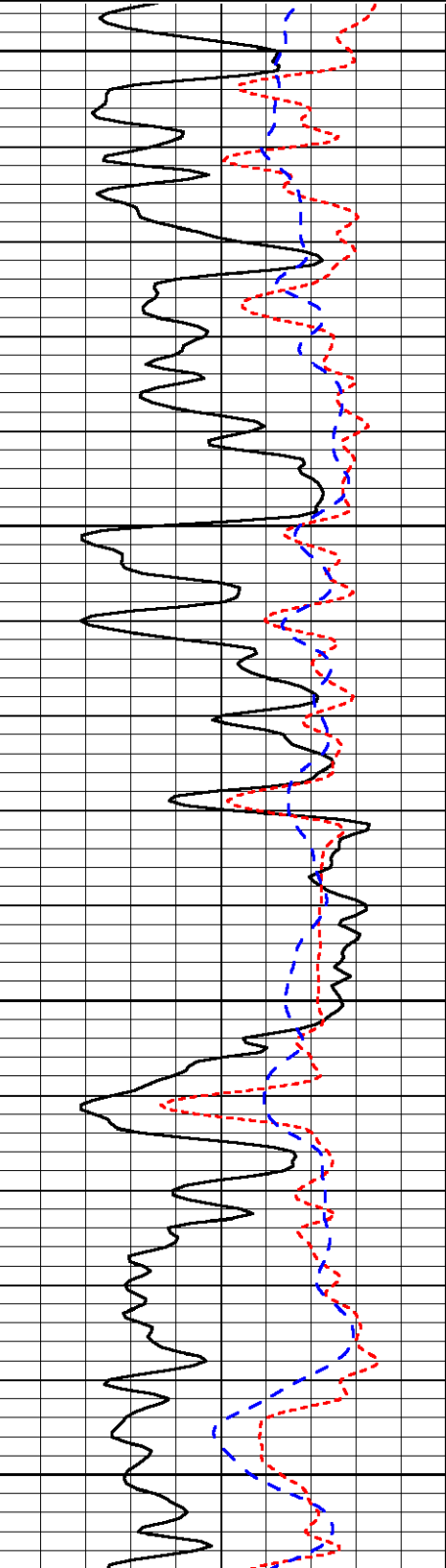
LSPD
(ft/min)

Database File: tdi_munsch_5hd.db
Dataset Pathname: dil/tdistck2
Presentation Format: dil
Dataset Creation: Wed Sep 21 13:06:23 2011
Charted by: Depth in Feet scaled 1:240

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0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)

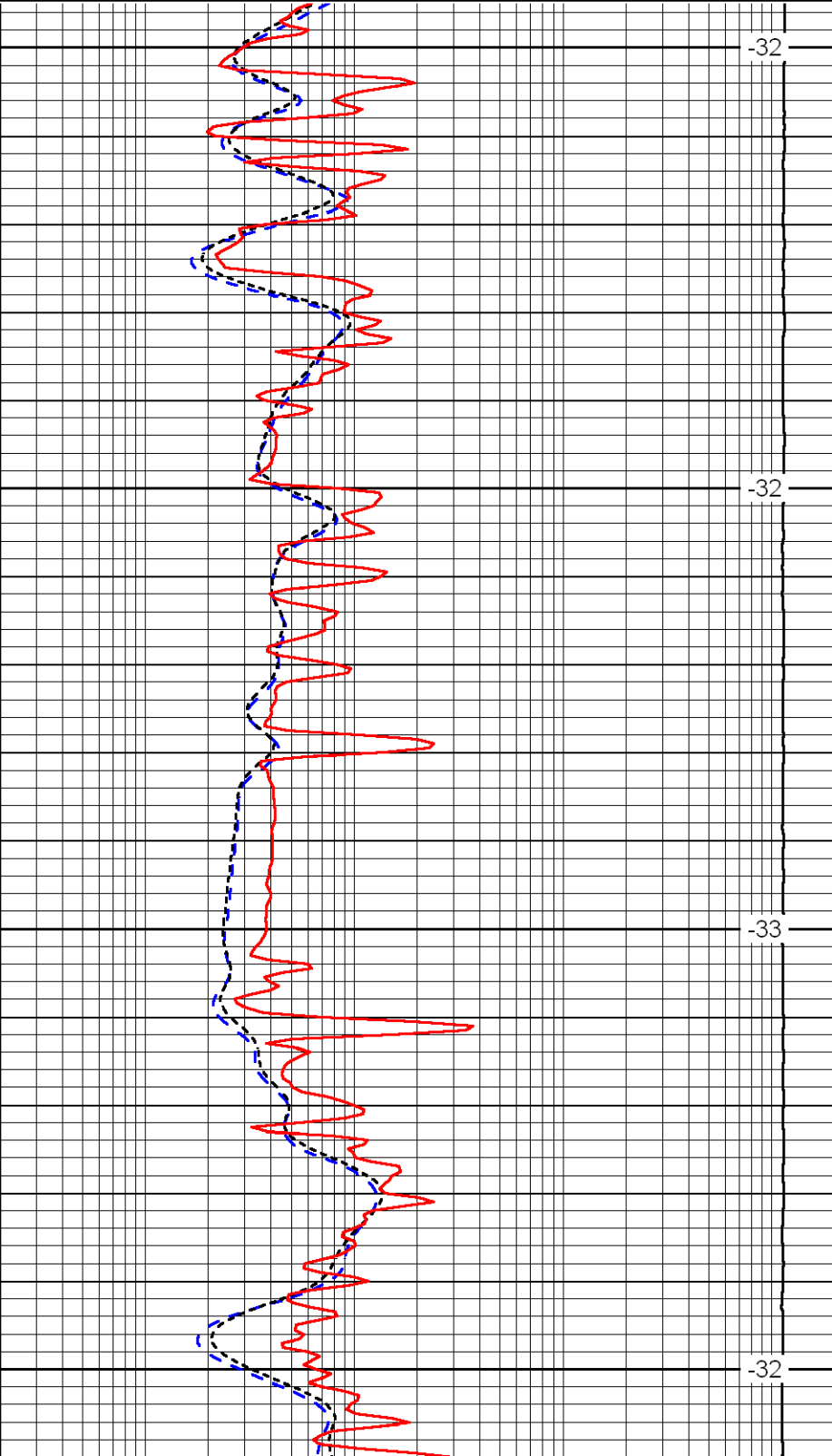


2900

2950

3000

3050

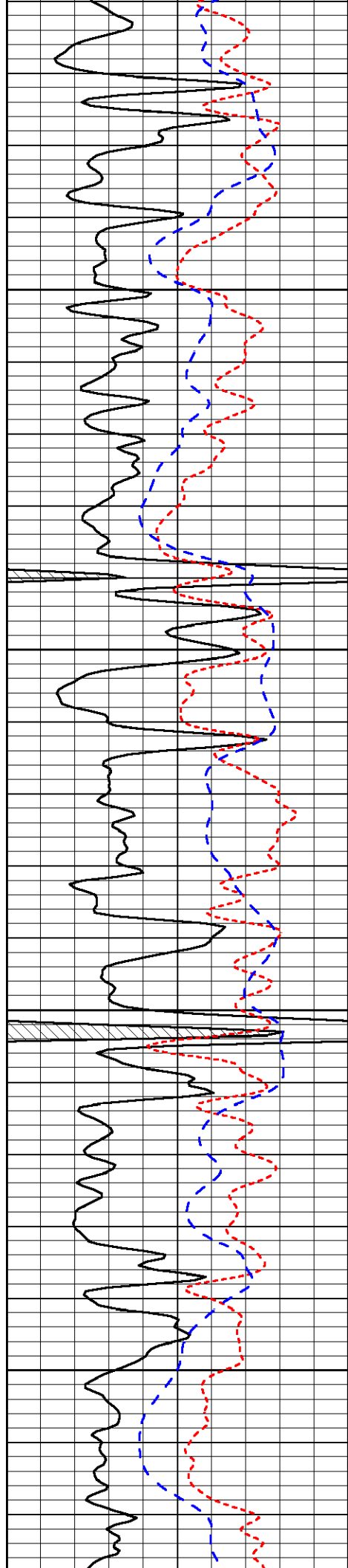


-32

-32

-33

-32

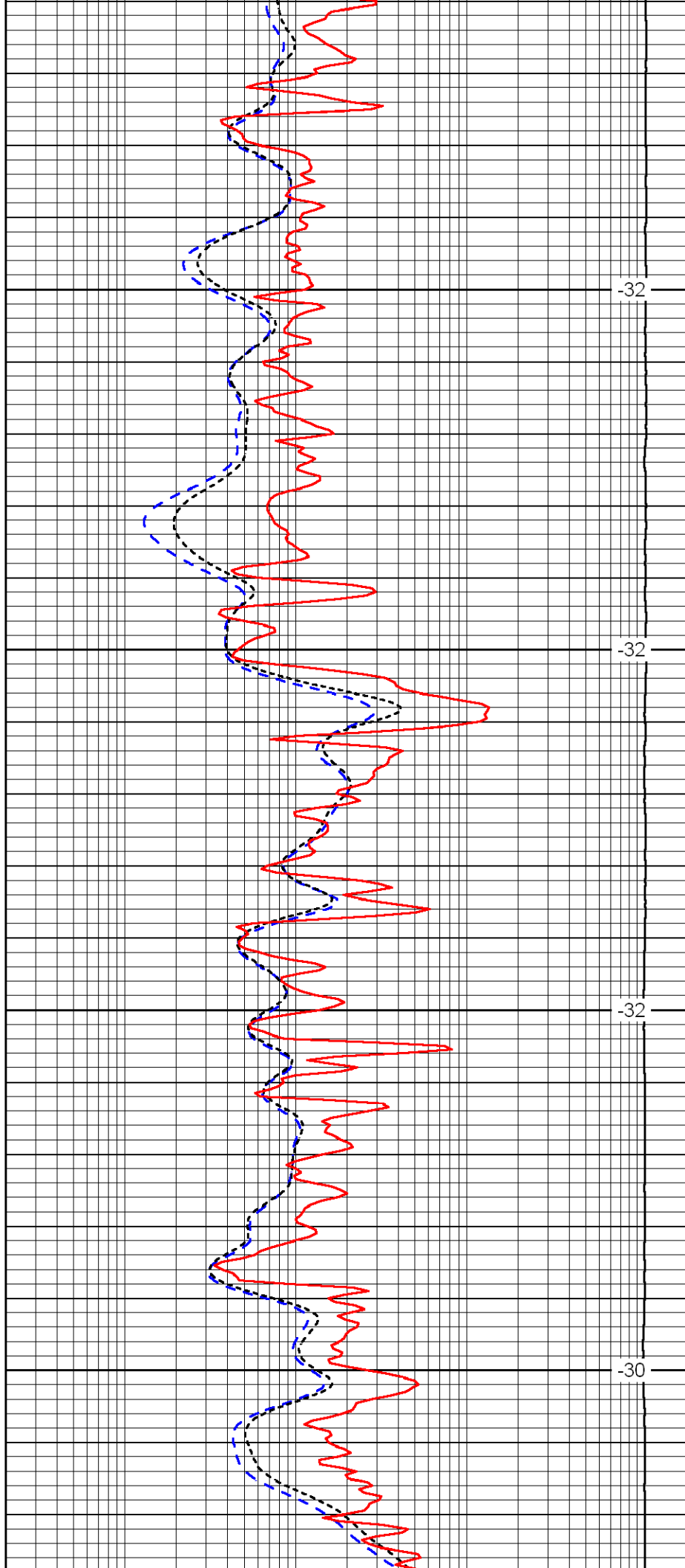


3100

3150

3200

3250

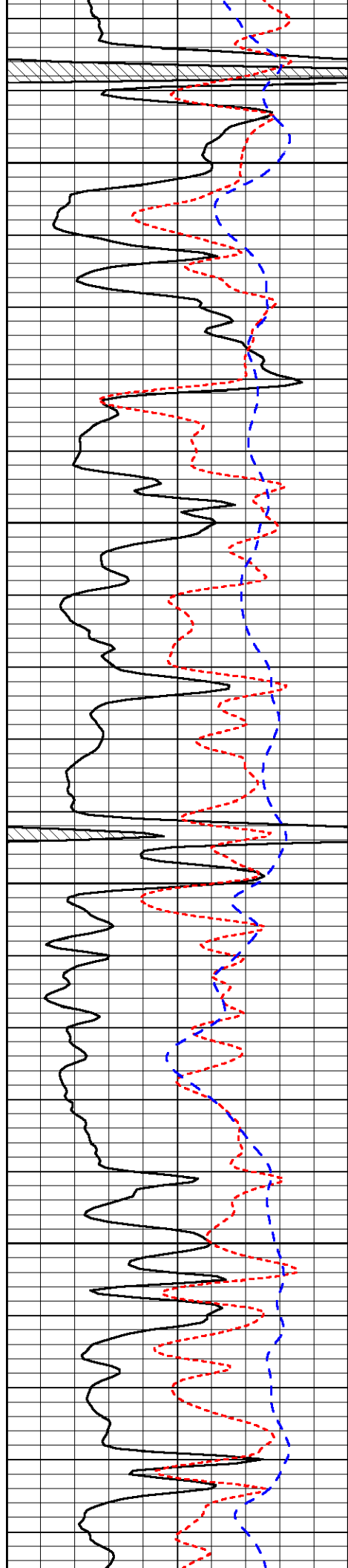


-32

-32

-32

-30

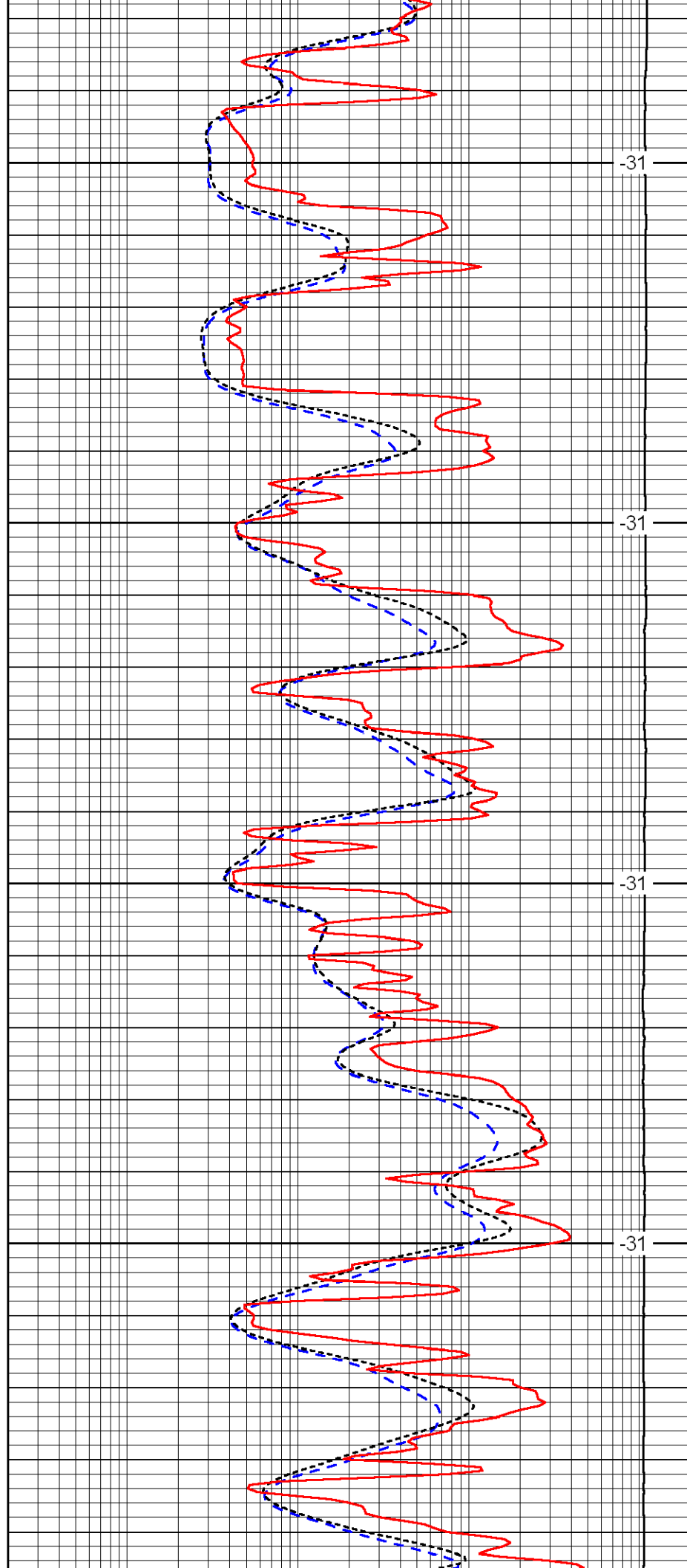


3300

3350

3400

3450

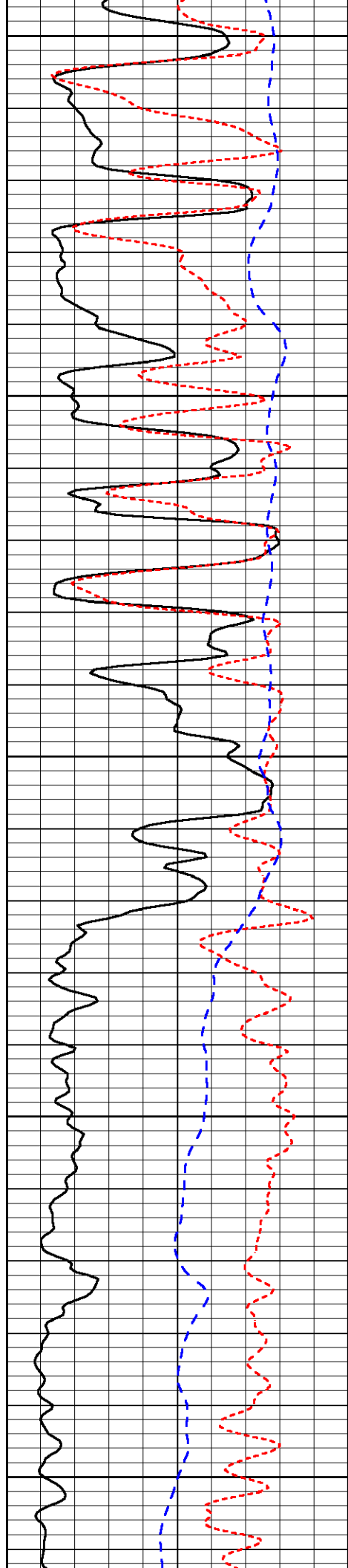


-31

-31

-31

-31



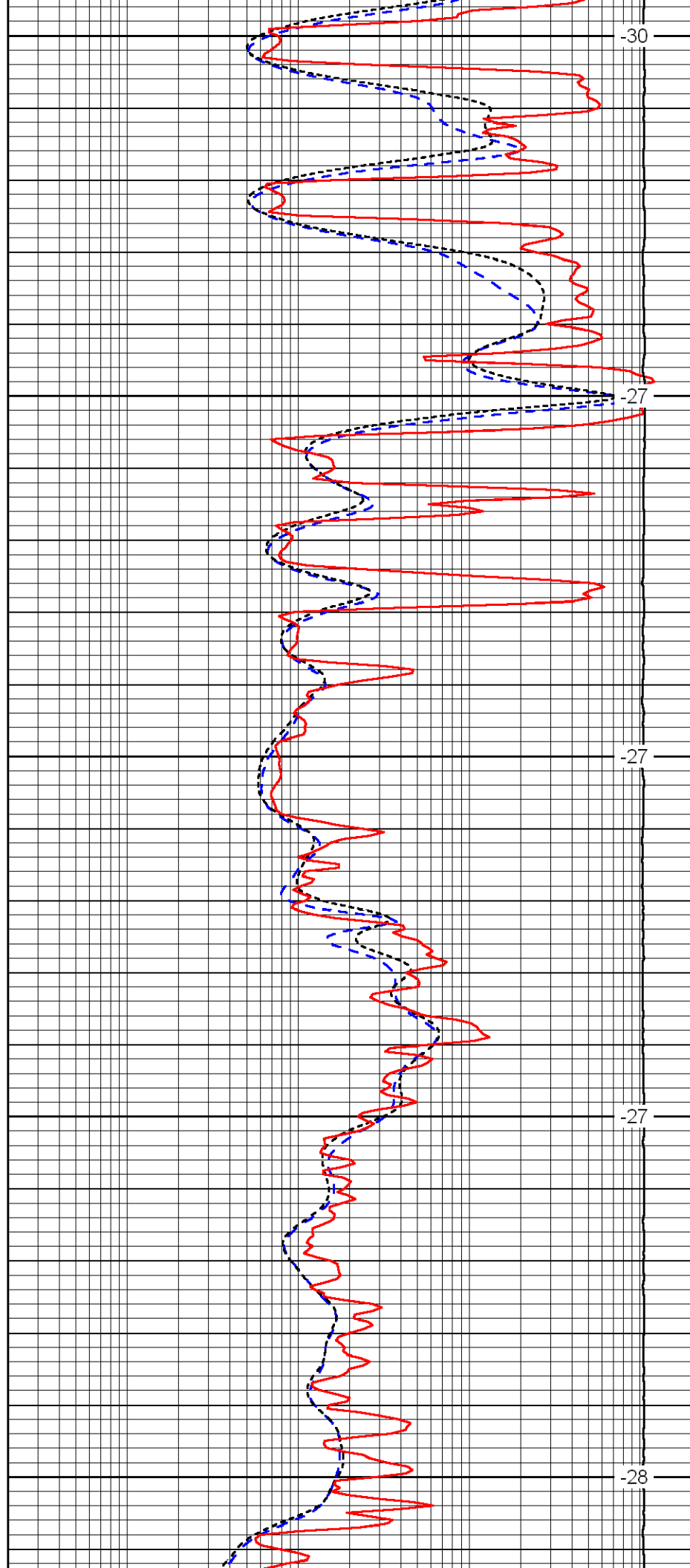
3500

3550

3600

3650

3700



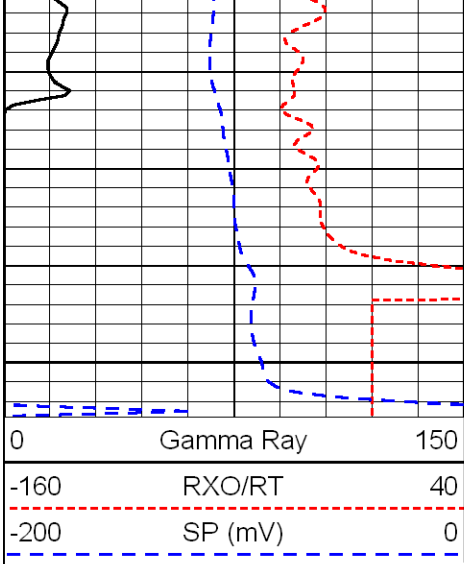
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-27

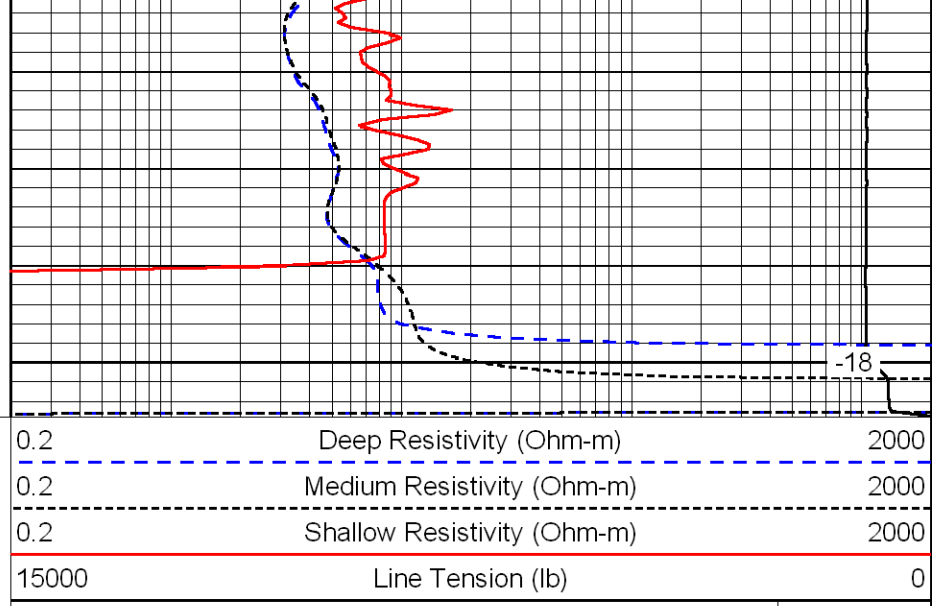
-27

-27

-28



3750



-18

LSPD
(ft/min)