

LOG-TECH



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-051-25,892-00-00

Company Abercrombie Energy, LLC.

Well Joy No. 1-27

Field Bemis-Shutts

County Ellis State Kansas

Location

SW - NW - SE - NE
1780' FNL & 1140' FEL

Sec: 27 Twp: 12 S Rge: 18 W

Permanent Datum Ground Level Elevation 2143
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL / CDL
MEL
Elevation
K.B. 2151
D.F. 2143
G.L. 2143

Date 10/06/2009

Run Number One

Depth Driller 3725

Depth Logger 3729

Bottom Logged Interval 3728

Top Log Interval 250

Casing Driller 8.625 @ 263

Casing Logger 263

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.300

Density / Viscosity 9.0 64

pH / Fluid Loss 10.5 7.6

Source of Sample Flowline

Rm @ Meas. Temp .3 @ 68

Rmf @ Meas. Temp .23 @ 68

Rmc @ Meas. Temp .41 @ 68

Source of Rmf / Rmc Charts

Rm @ BHT .18 @ 115

Operating Rig Time 4 1/2 Hours

Max Rec. Temp. F 115

Equipment Number 4

Location Hays

Recorded By K. Bange

Witnessed By Bob O'Dell

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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

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

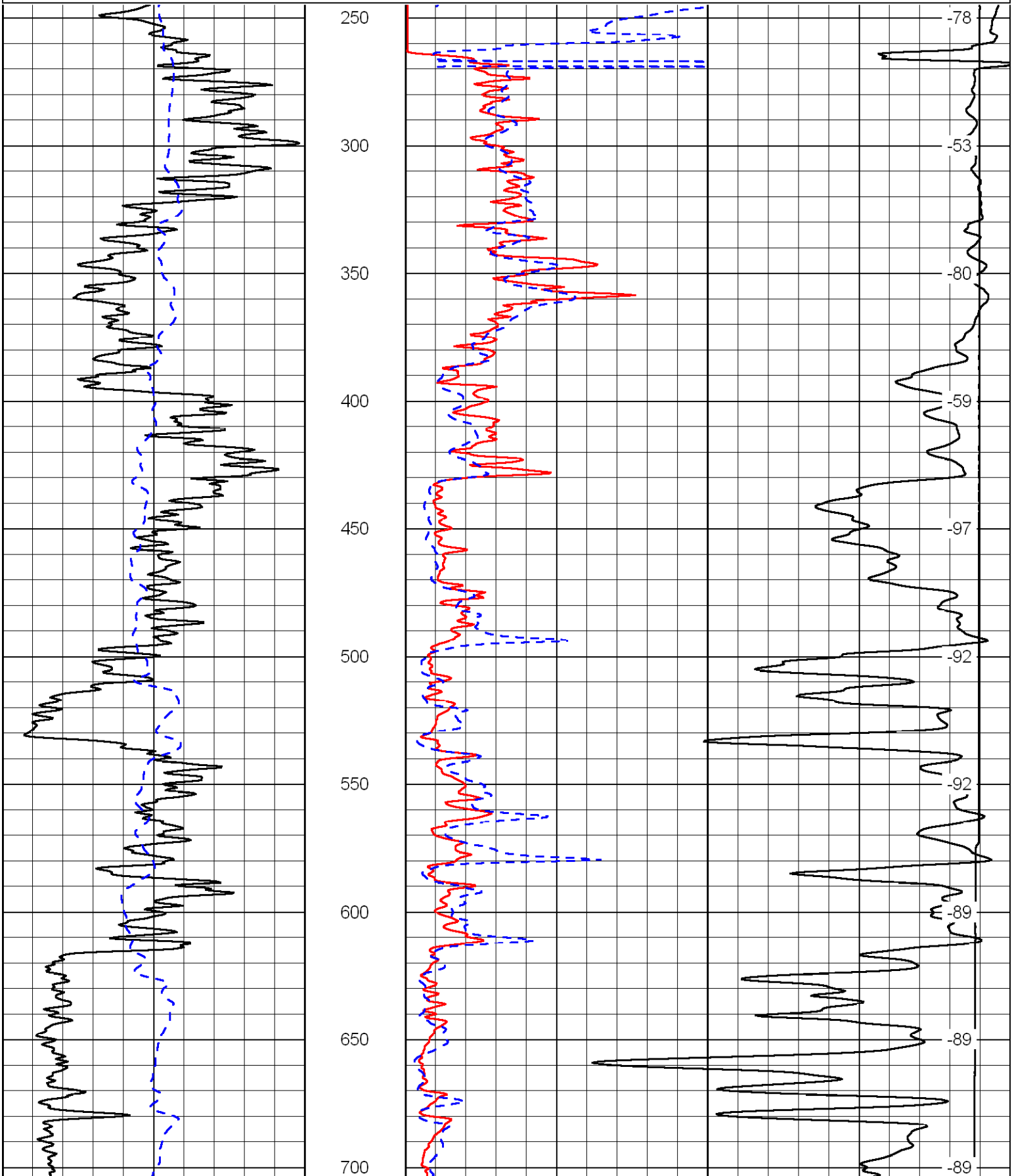
Hays, 6 N to Locus Grove, 3/4 E, S into

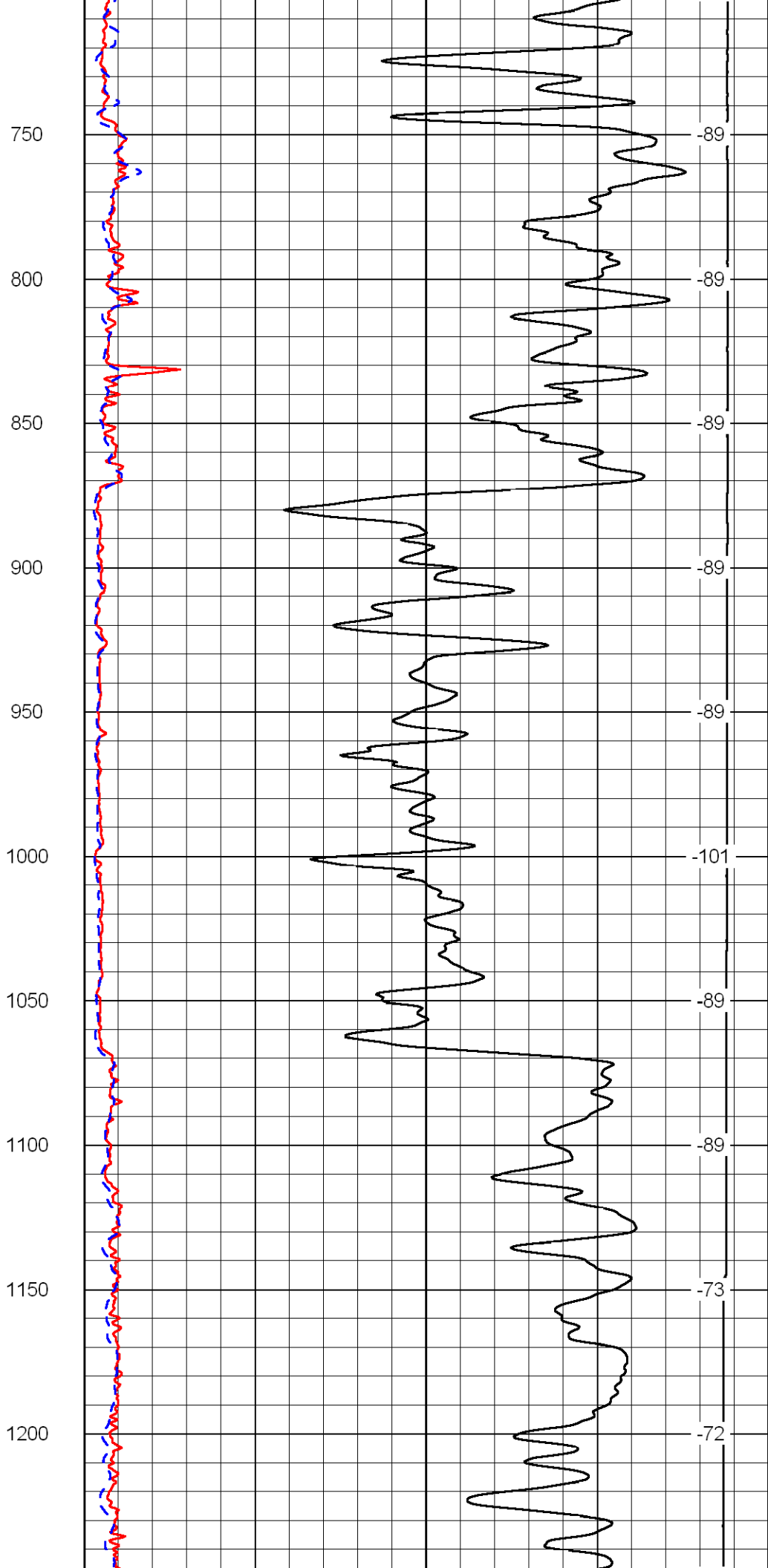
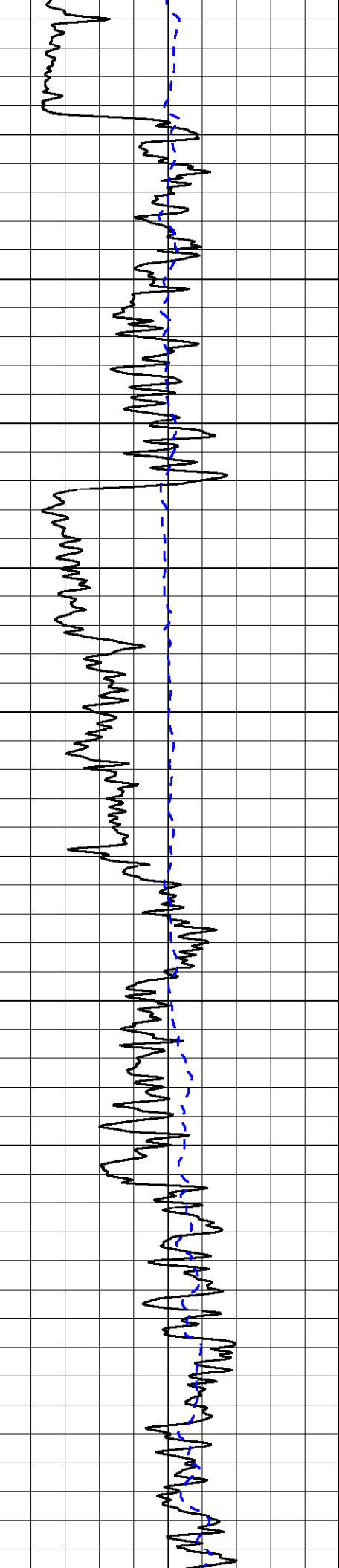
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Presentation Format: dil2in
Dataset Creation: Tue Oct 06 06:17:49 2009
Charted by: Depth in Feet scaled 1:600

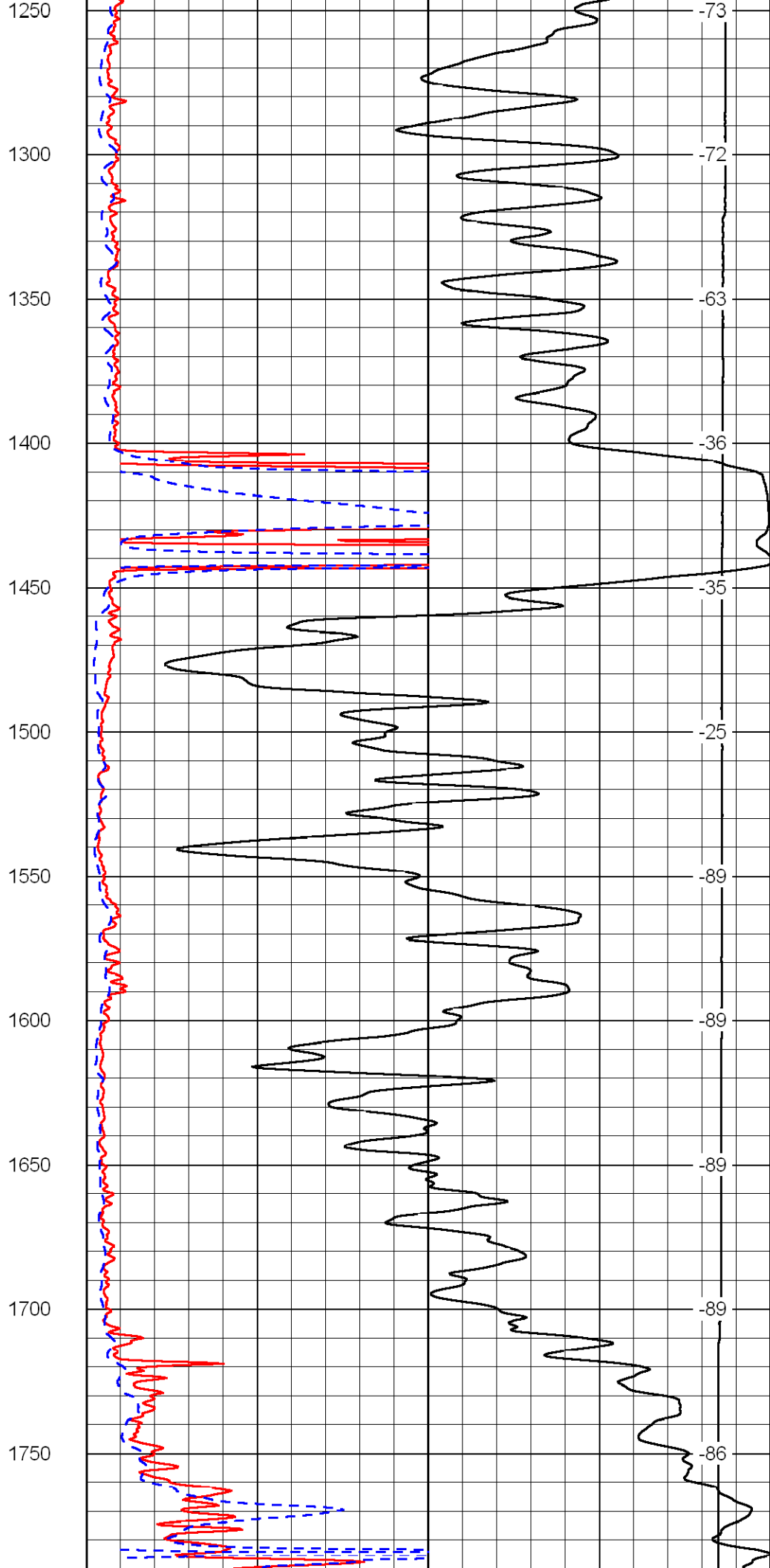
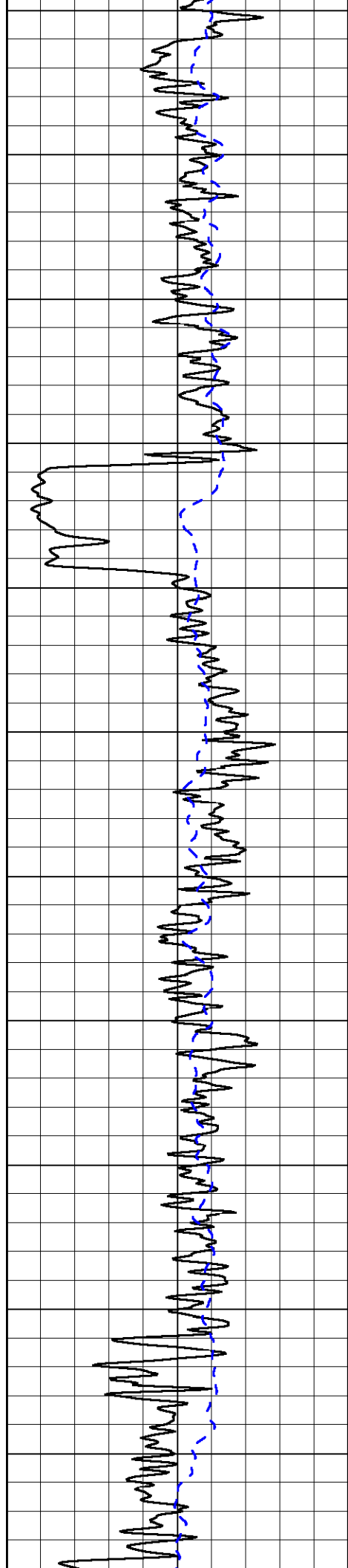
0	Gamma Ray	150
-200	SP (MV)	0

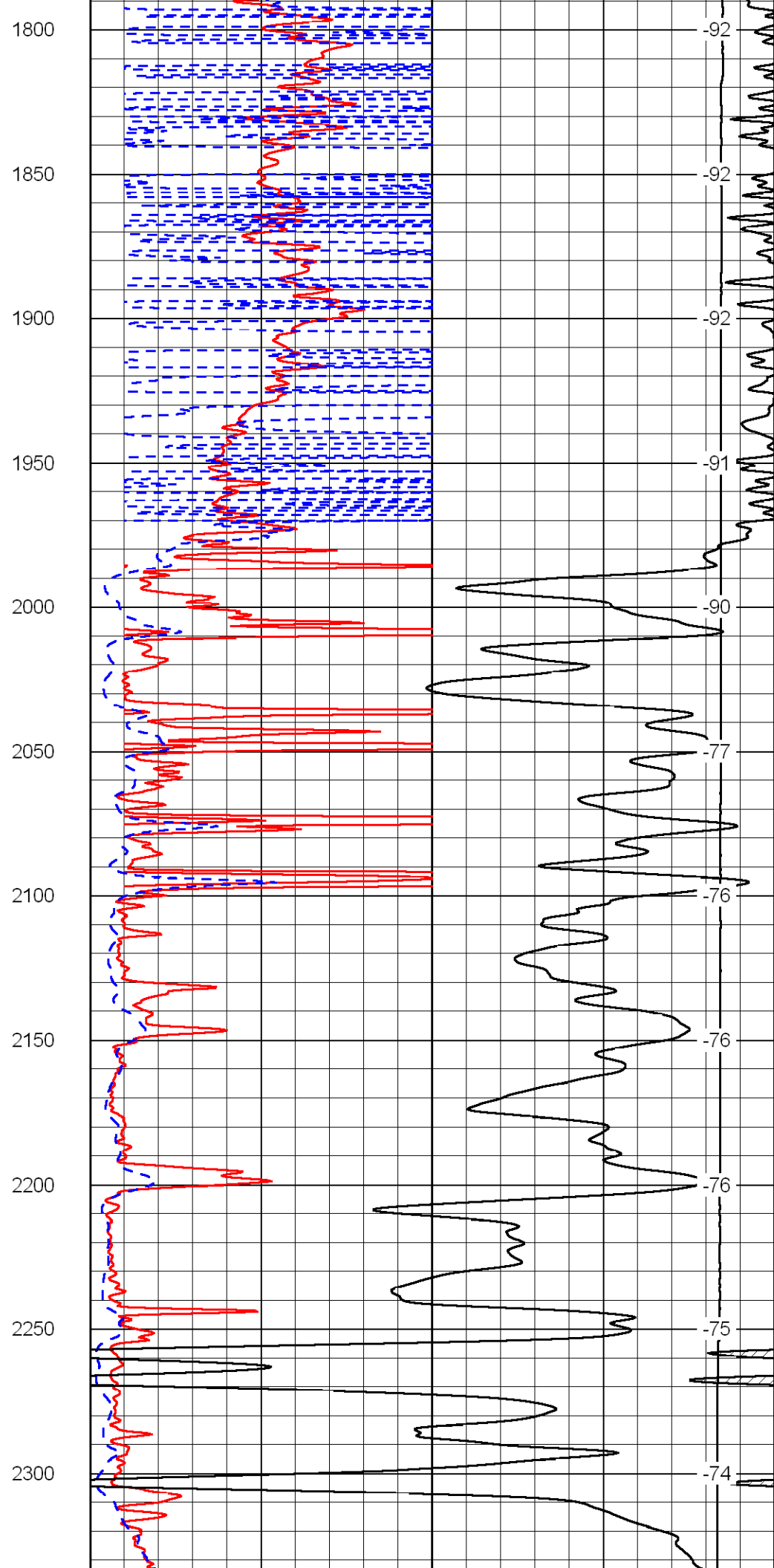
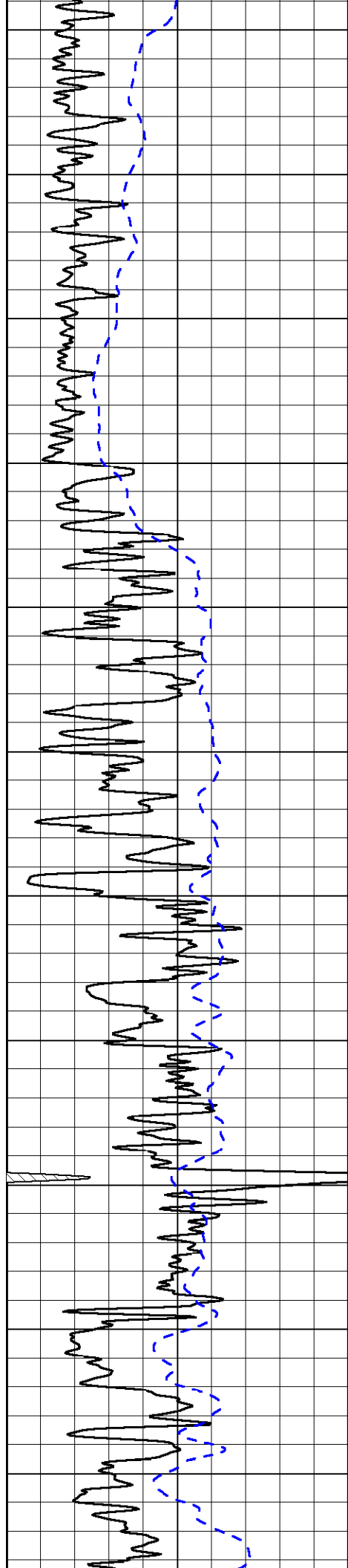
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

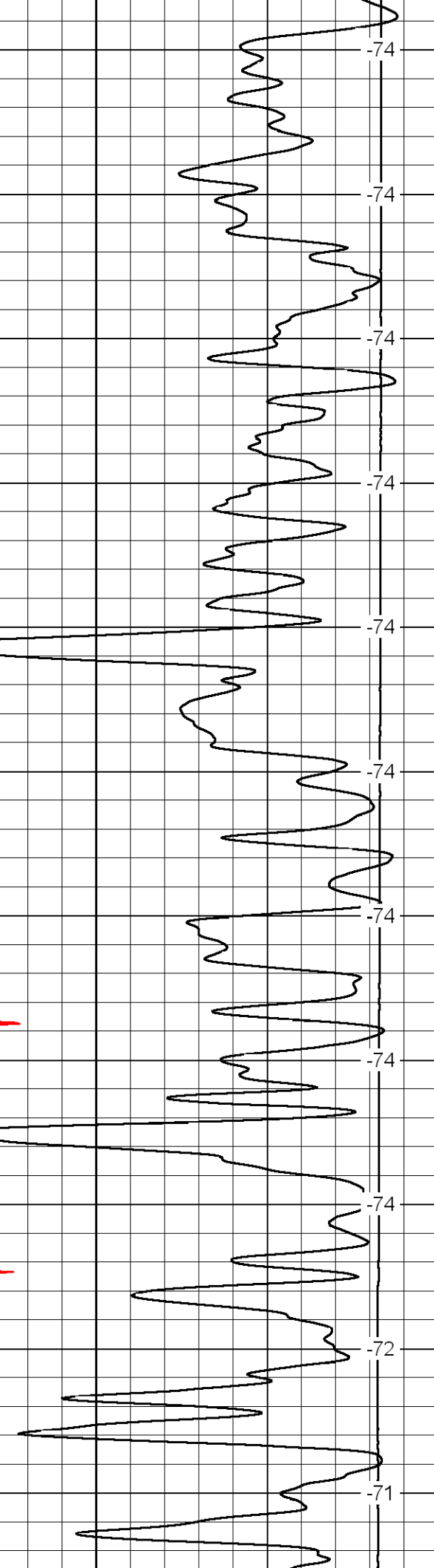
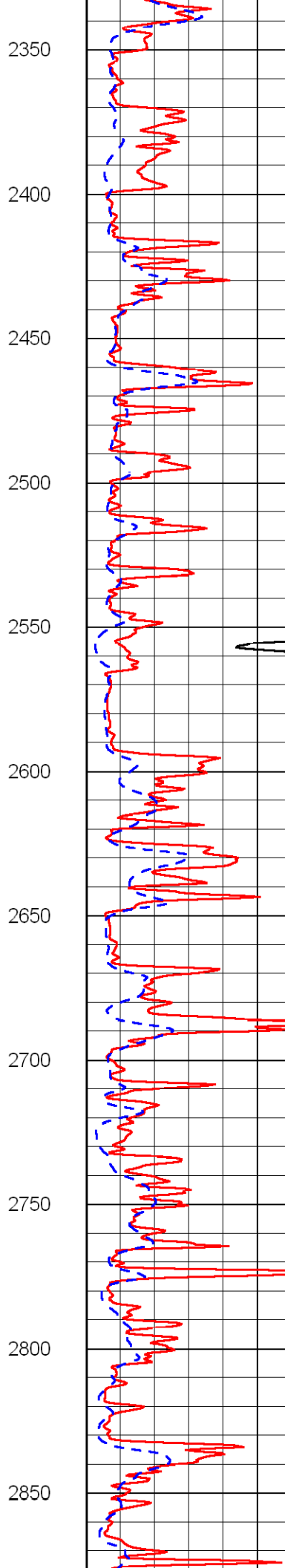
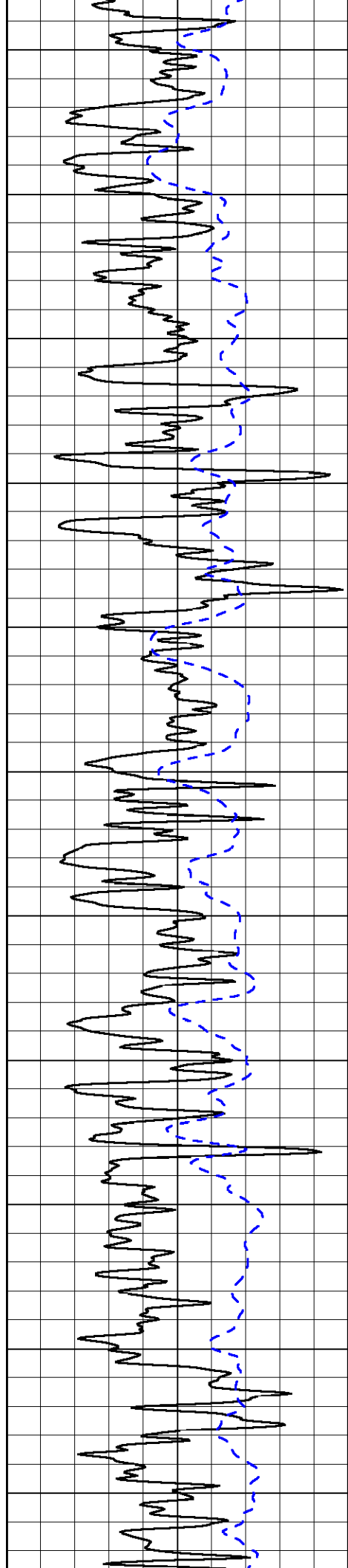
50	Shallow Resistivity (Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

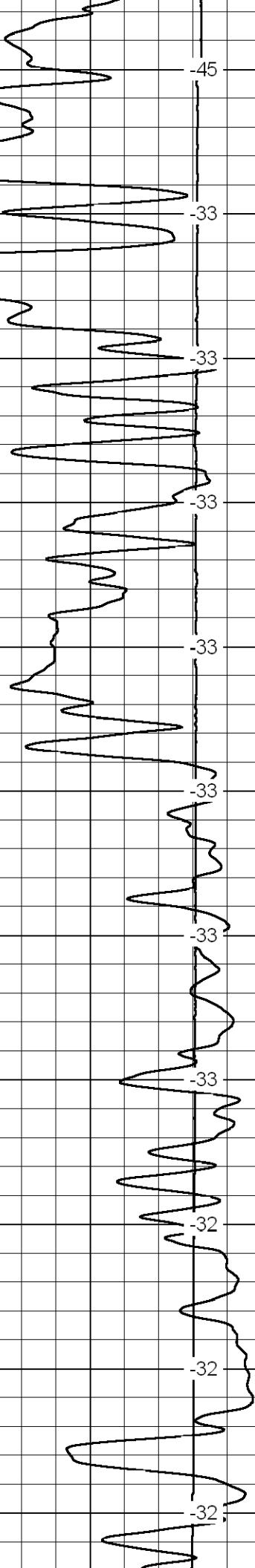
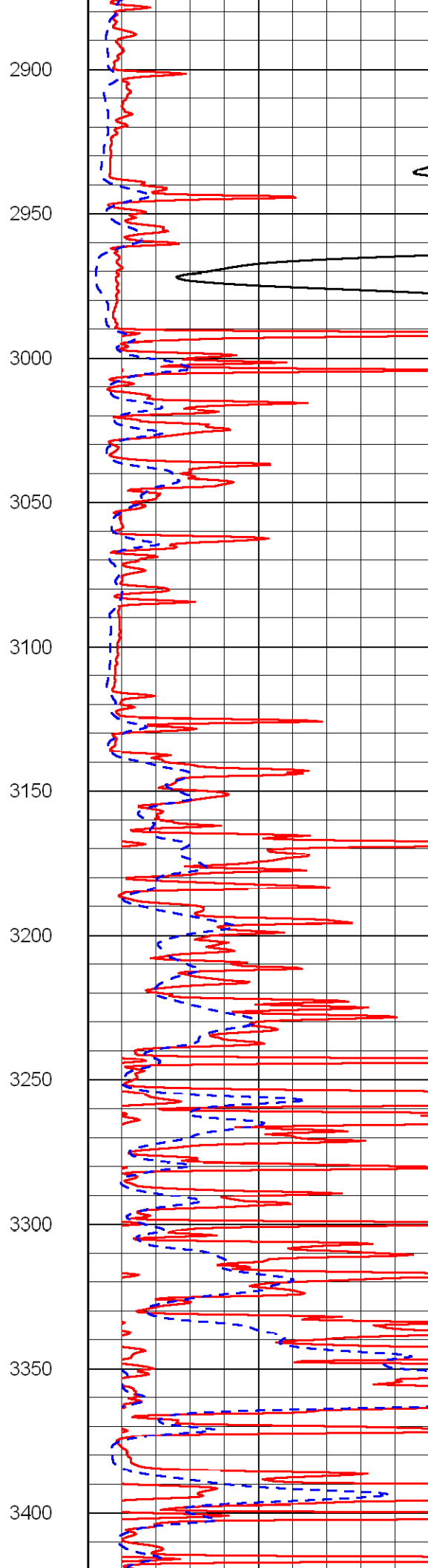
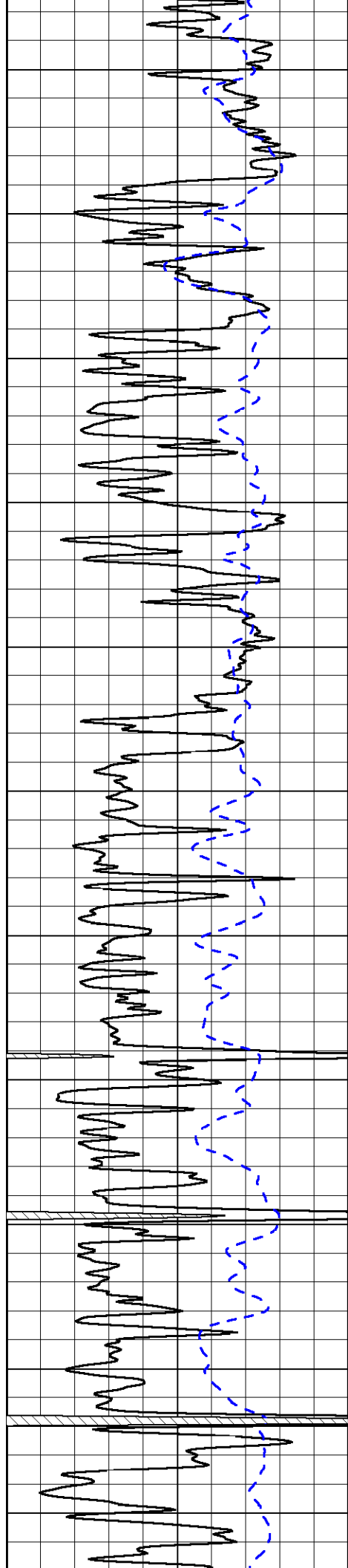


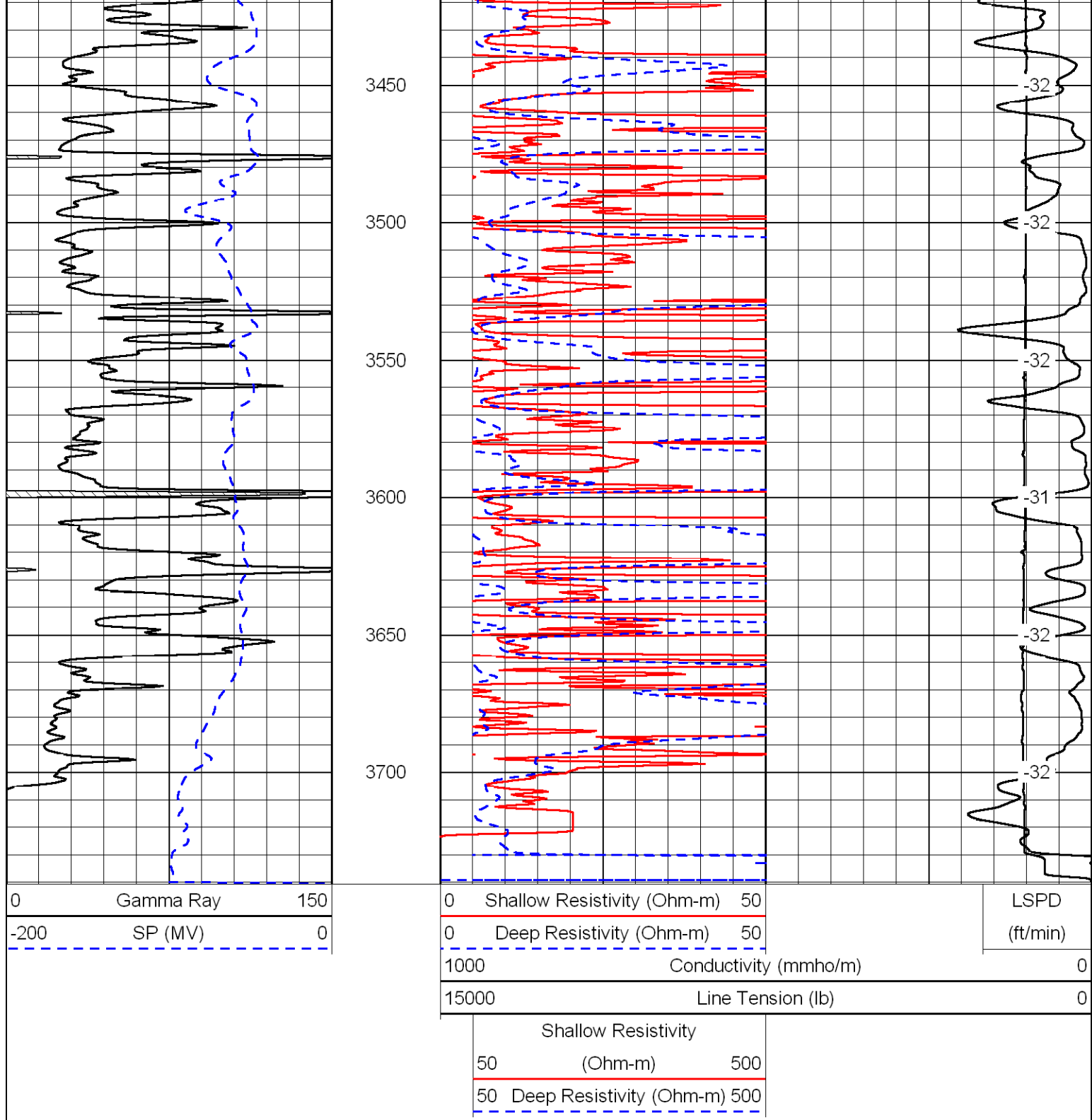




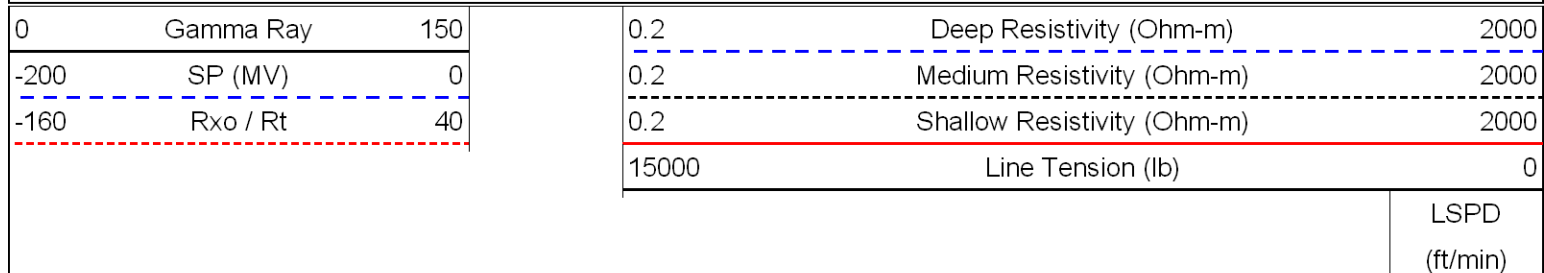


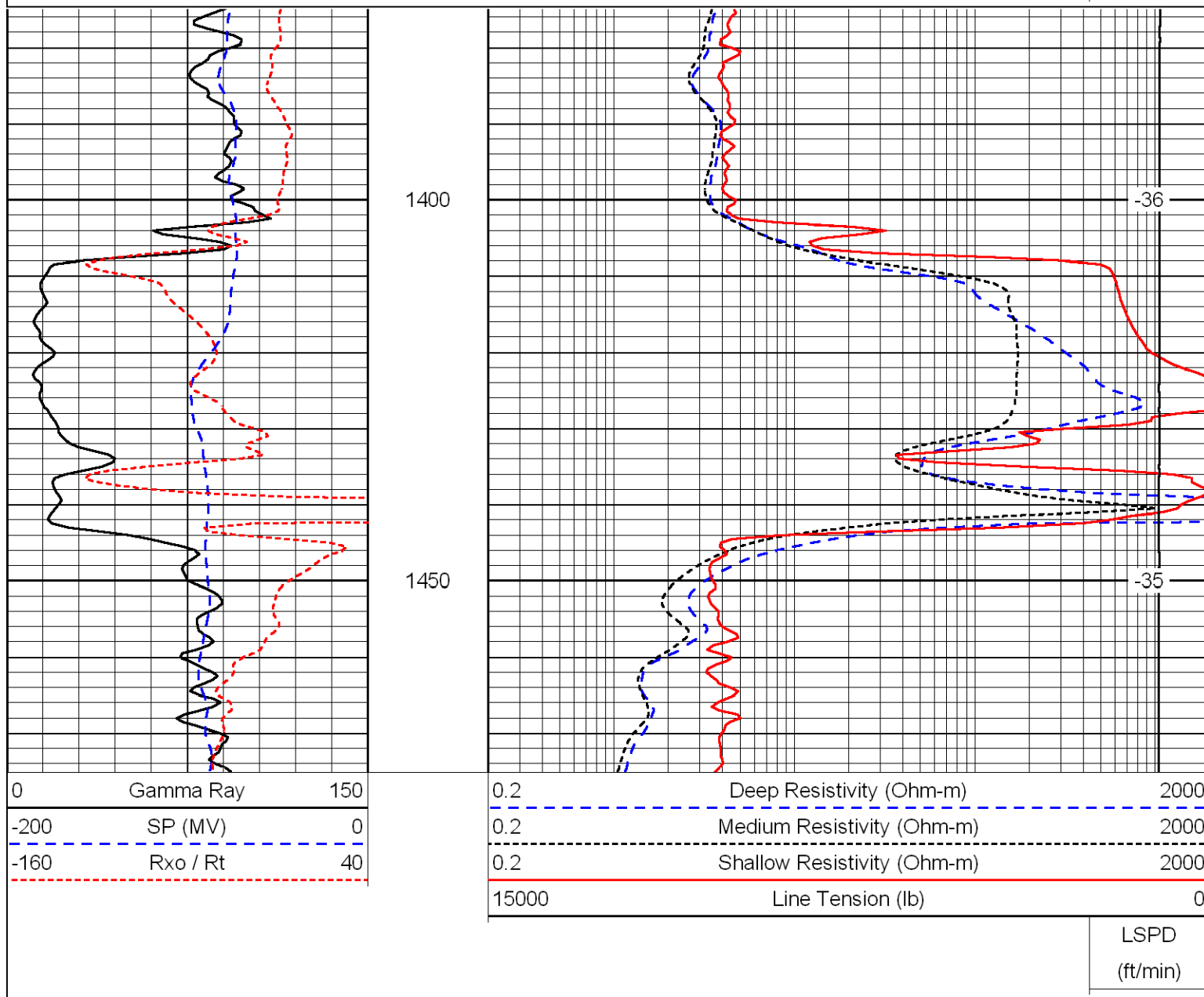




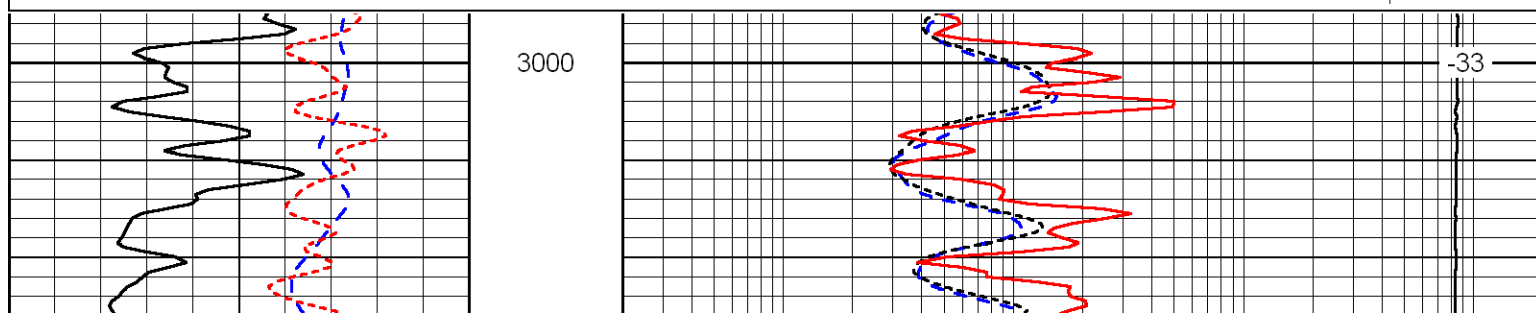
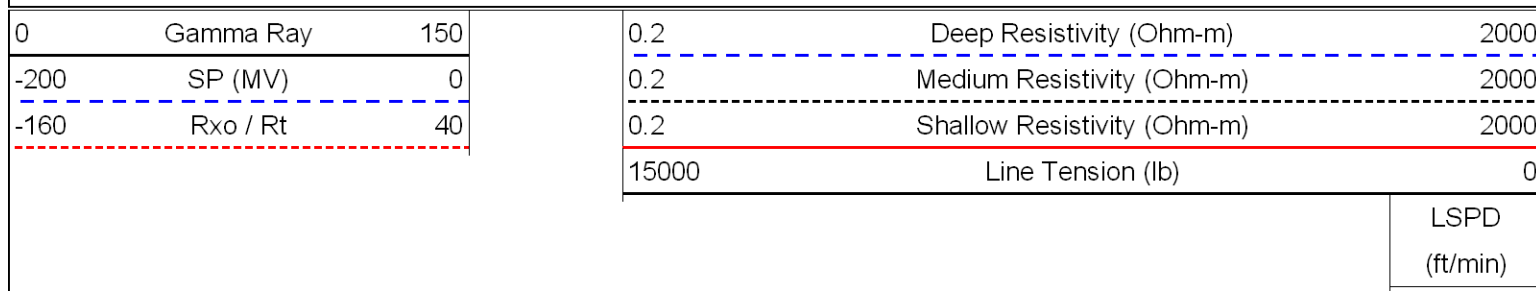


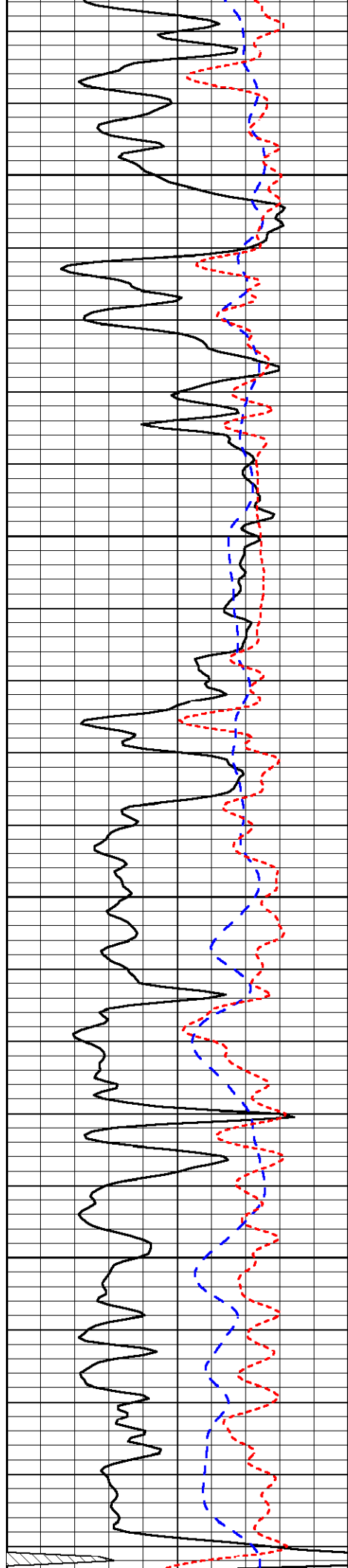
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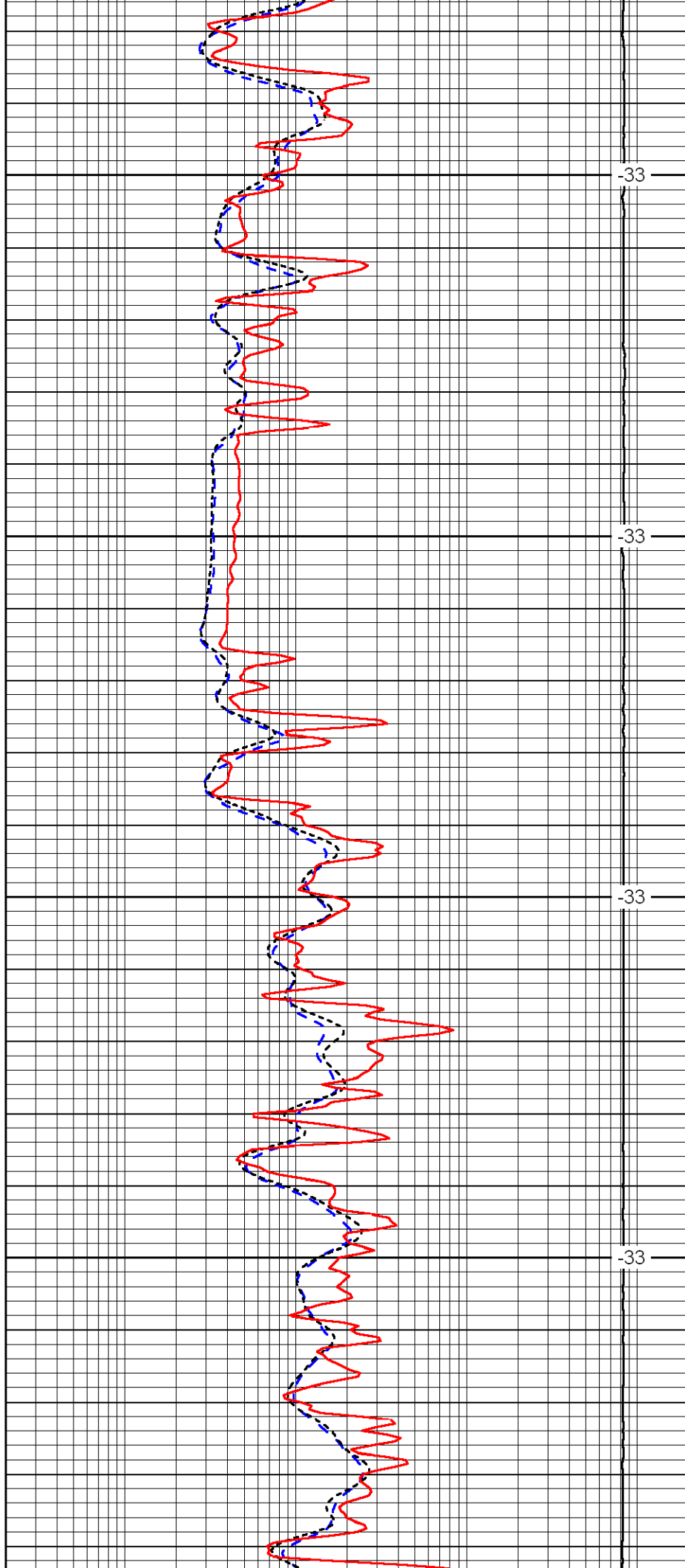


3050

3100

3150

3200

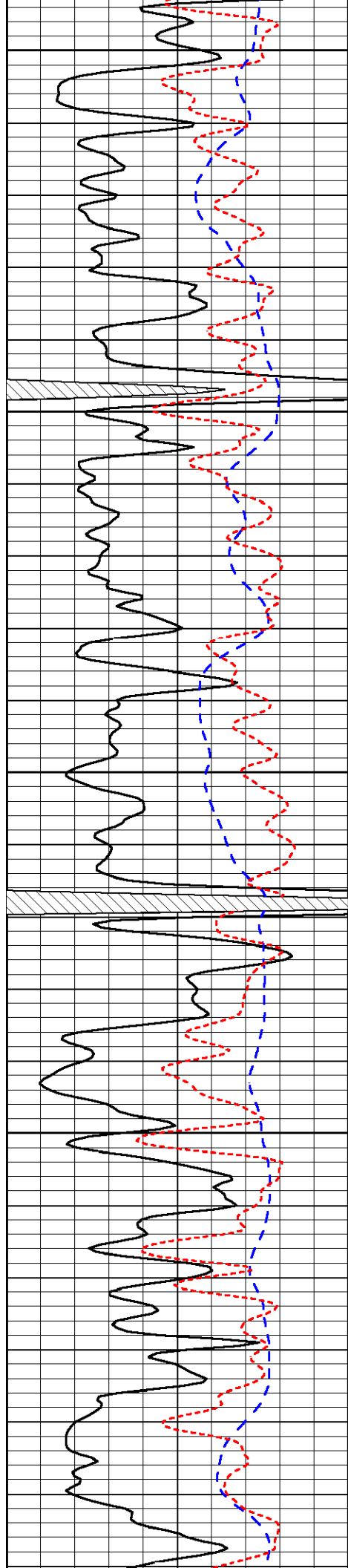


-33

-33

-33

-33



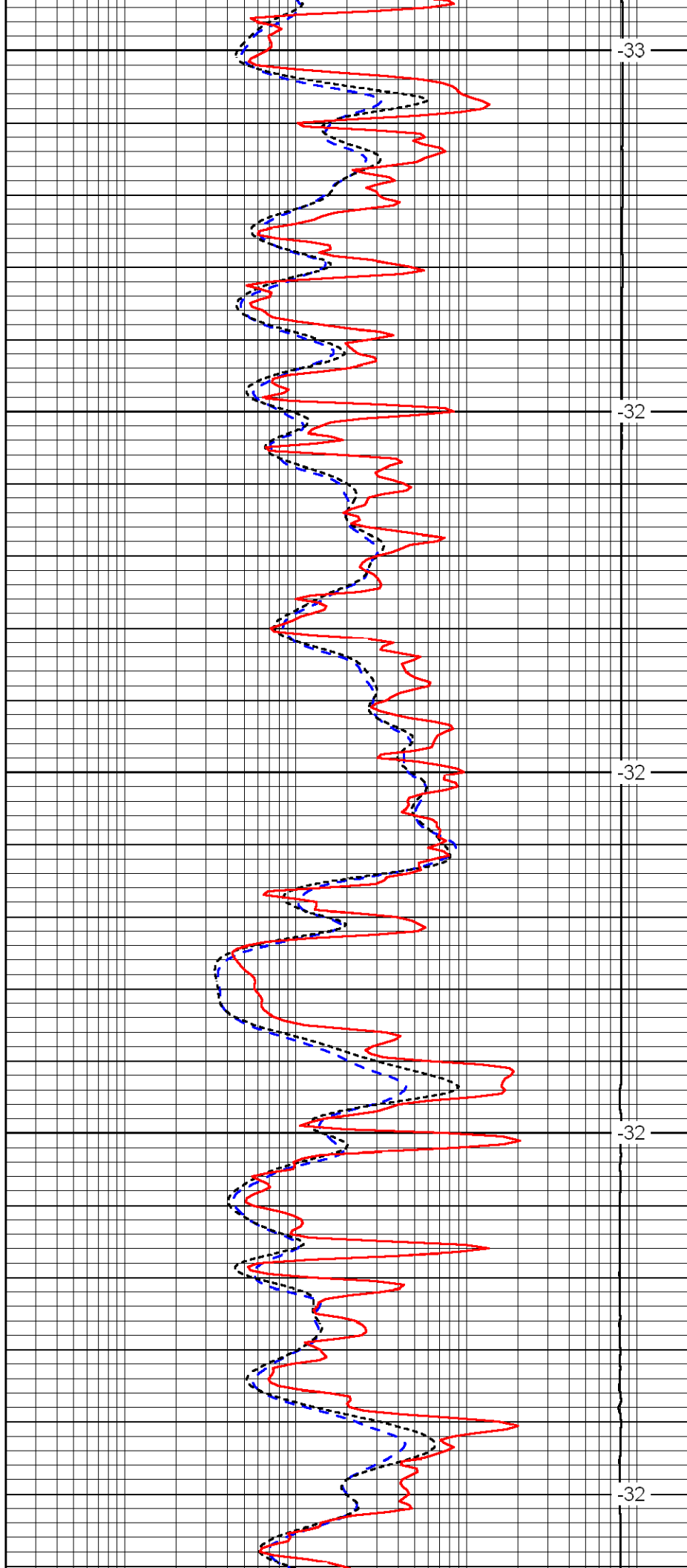
3250

3300

3350

3400

3450



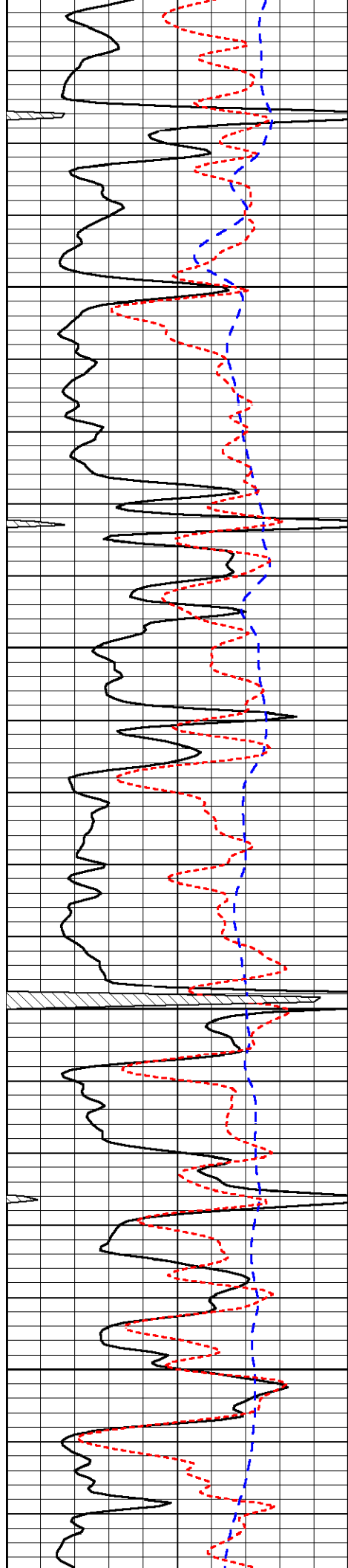
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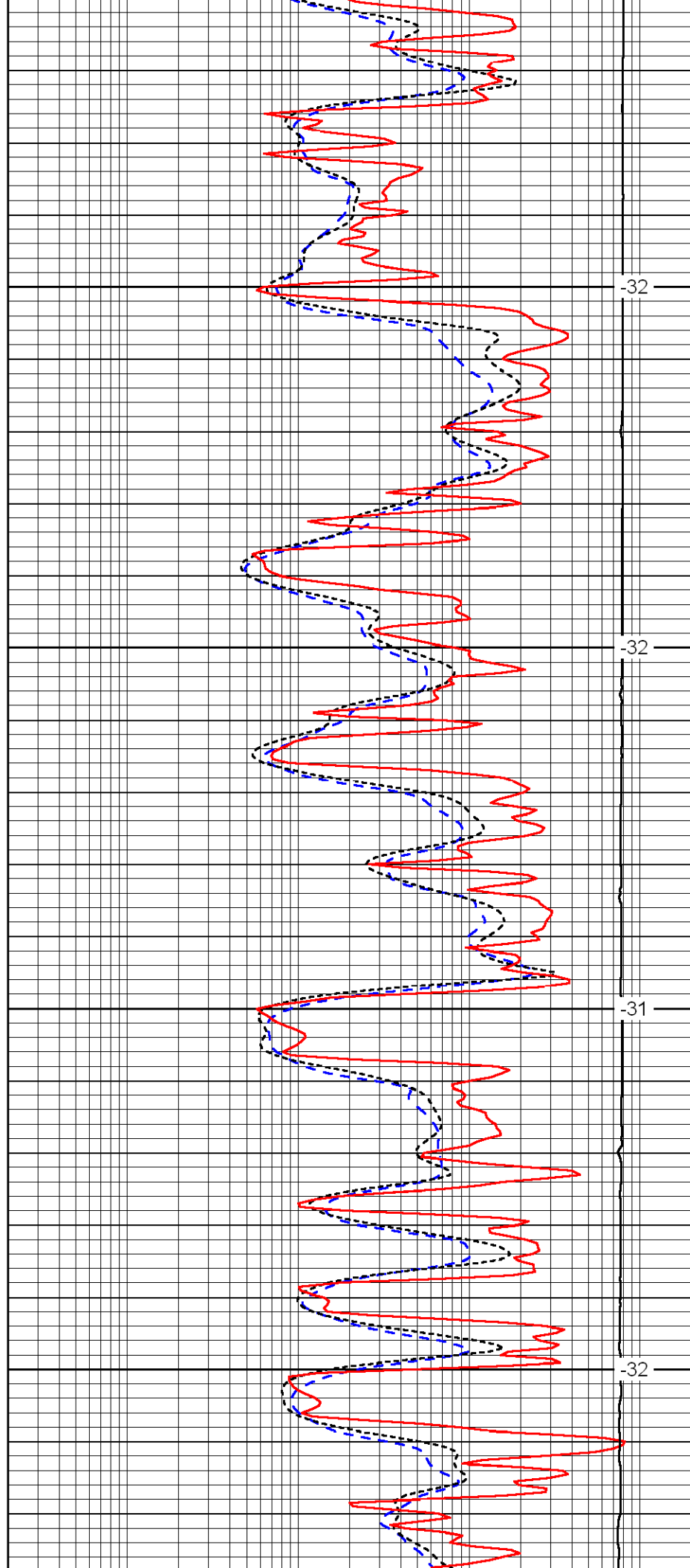


3500

3550

3600

3650

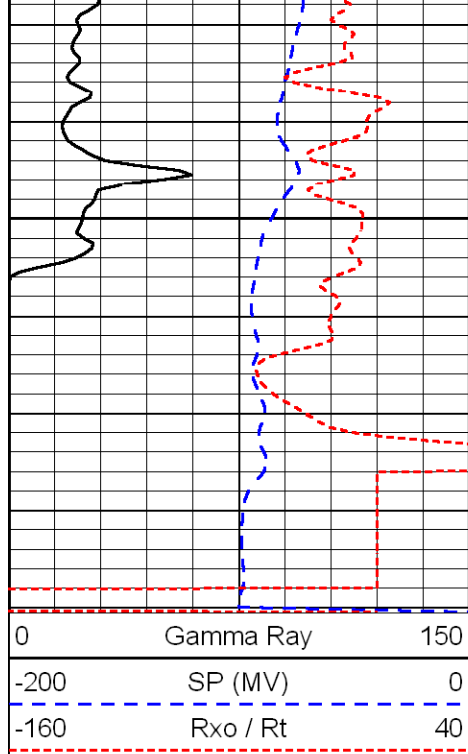


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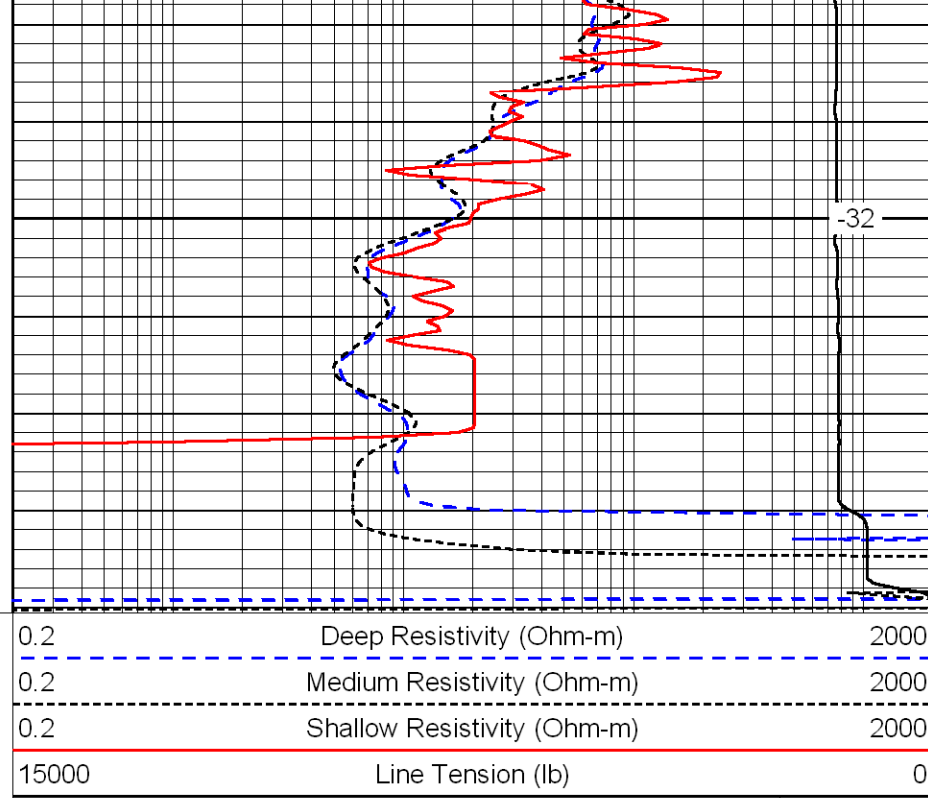
-32

-31

-32



3700



-32

LSPD
(ft/min)