

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-167-23,604-00-00

Company ESP Development, Inc.

Well O.C. Eulert #6

Field Eulert West

County Russell State Kansas

Location 2125' FNL & 2000' FEL

Sec: 34 Twp: 11 S Rge: 15 W

Other Services
CNL / CDL
MEL

Permanent Datum Ground Level Elevation 1721

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 1729
D.F.
G.L. 1721

Date 1/7/2010

Run Number One

Depth Driller 3275

Depth Logger 3276

Bottom Logged Interval 3275

Top Log Interval 400

Casing Driller 8.625 @ 430

Casing Logger 427

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.000

Density / Viscosity 8.9 51

pH / Fluid Loss 9.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp .6 @ 52

Rmf @ Meas. Temp .45 @ 52

Rmc @ Meas. Temp .81 @ 52

Source of Rmf / Rmc Charts

Rm @ BHT .29 @ 109

Operating Rig Time 3 Hours

Max Rec. Temp. F 109

Equipment Number 4

Location Hays

Recorded By T. Martin

Witnessed By Randall Kilian

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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

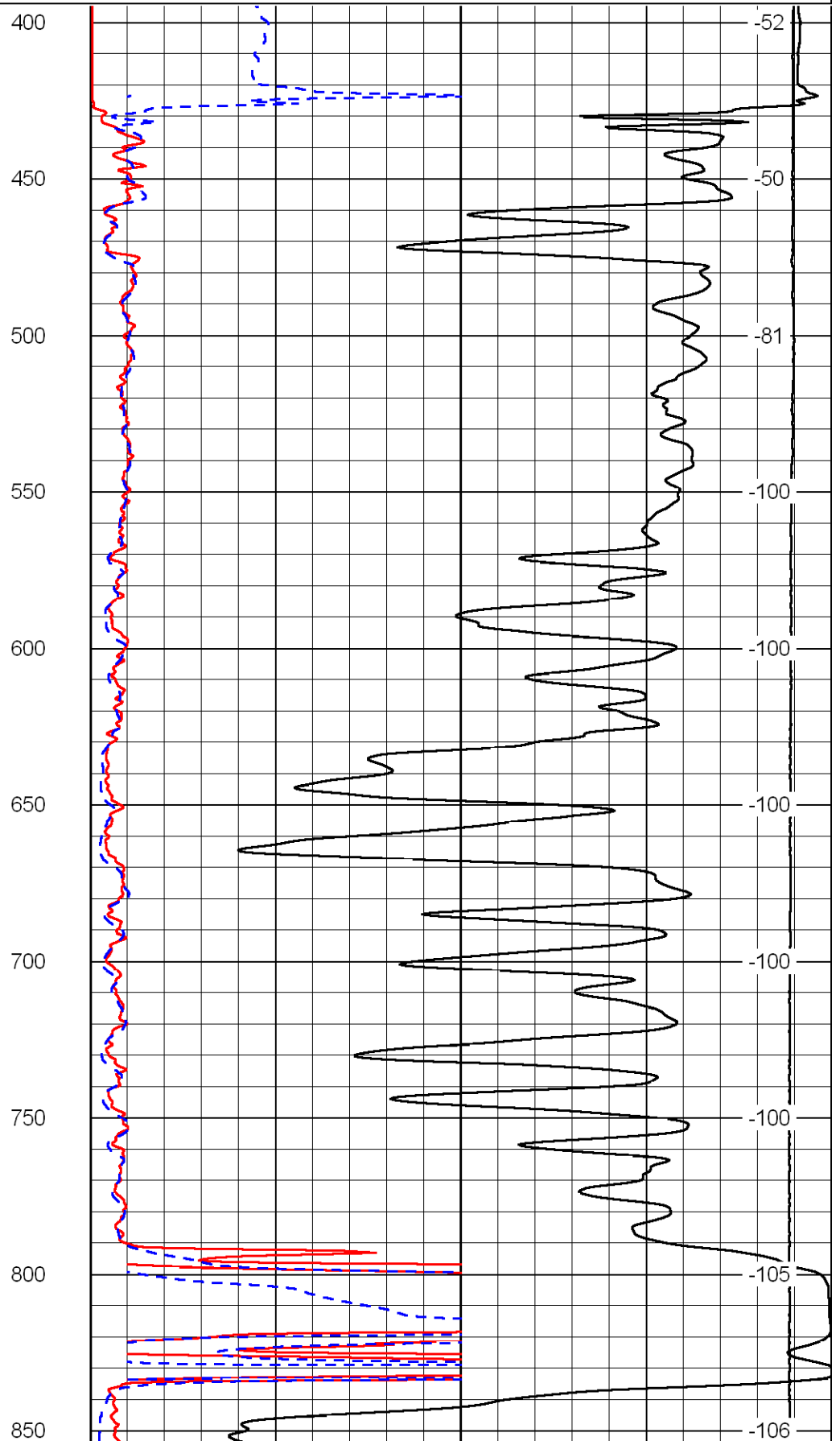
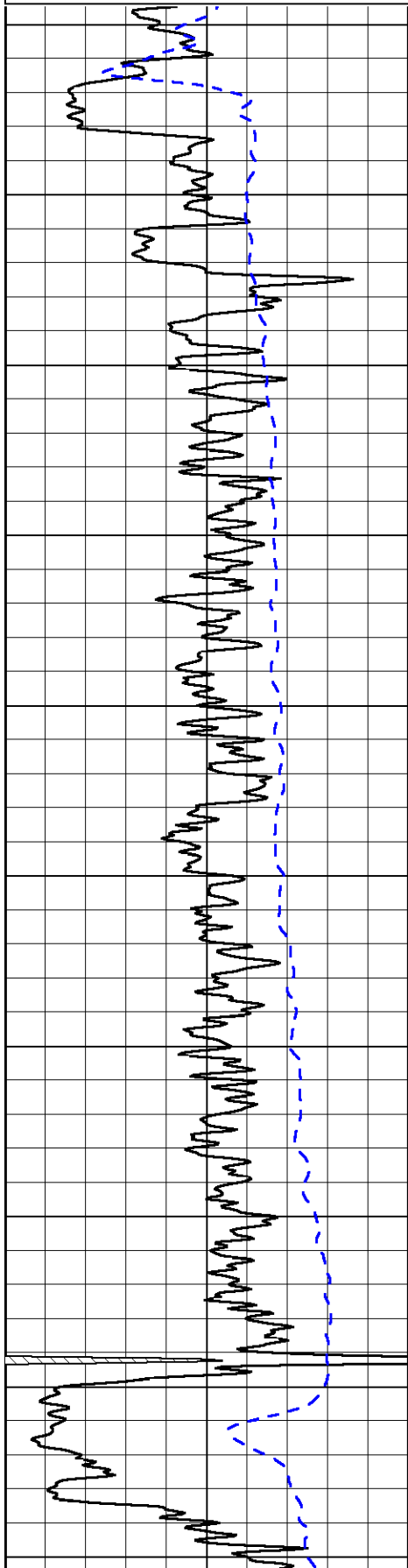
Thank you for using Log-Tech, Inc.
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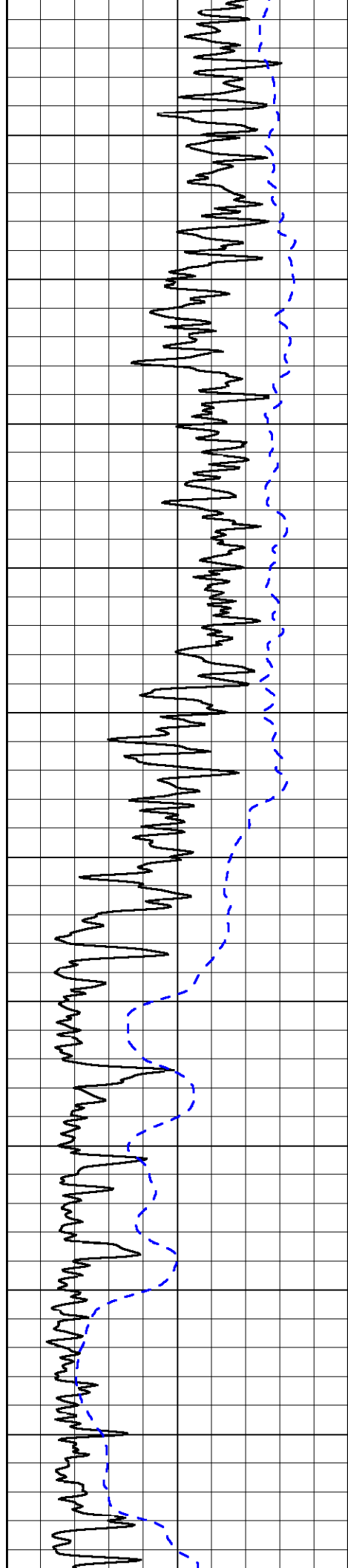
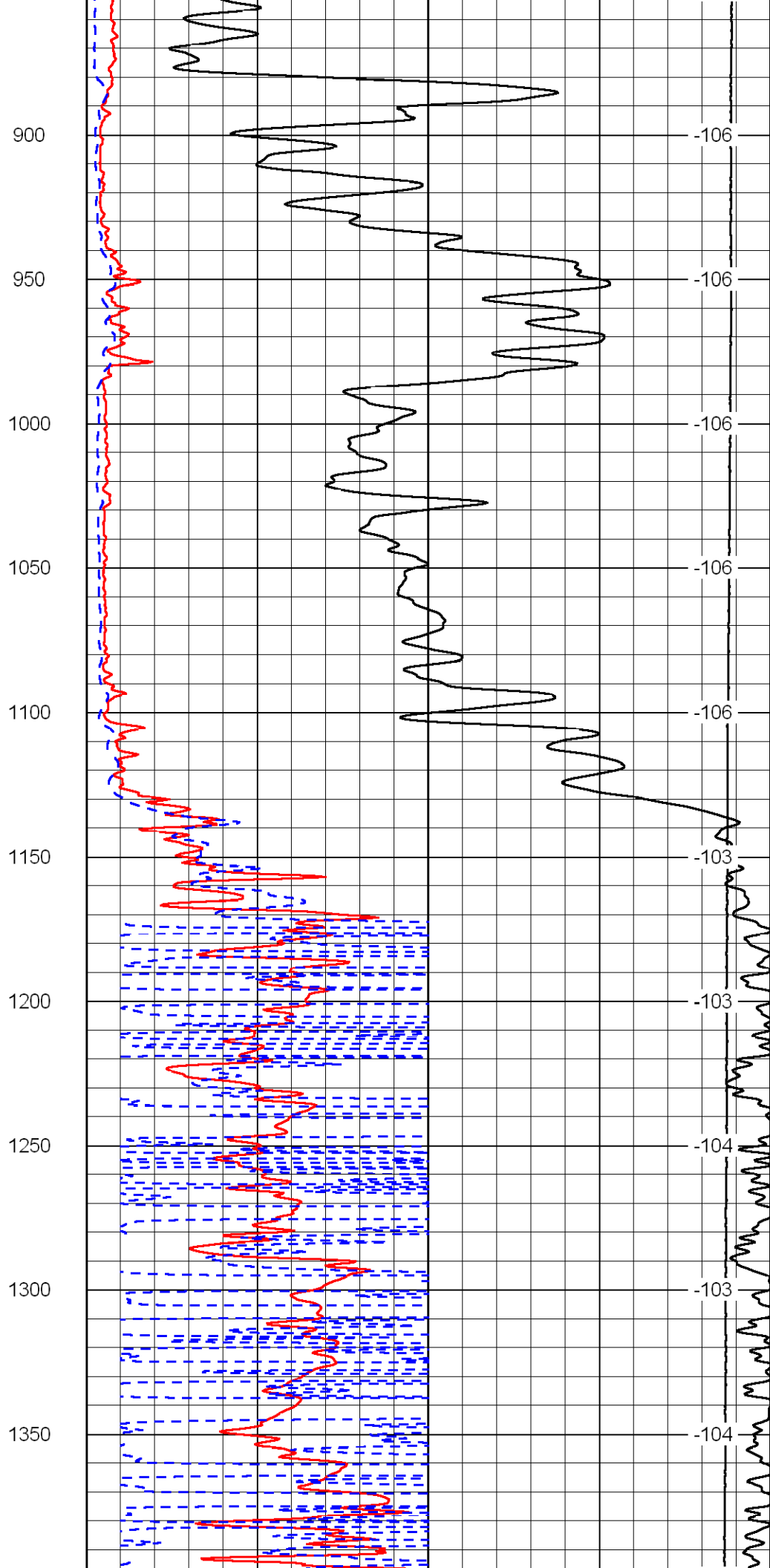
Gorham, 1 E to Blktp, N to Dam Rd, 1 E, 1/2 N, 2 E to Canyon Rd,
1 1/2 N, 1/8 E, 3 N, W into at Cattle Guard 1 1/2

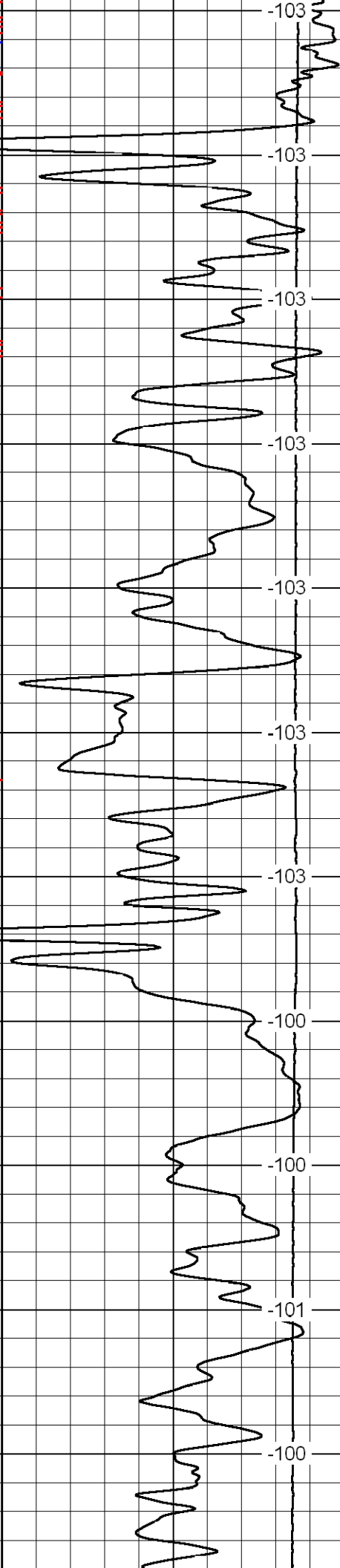
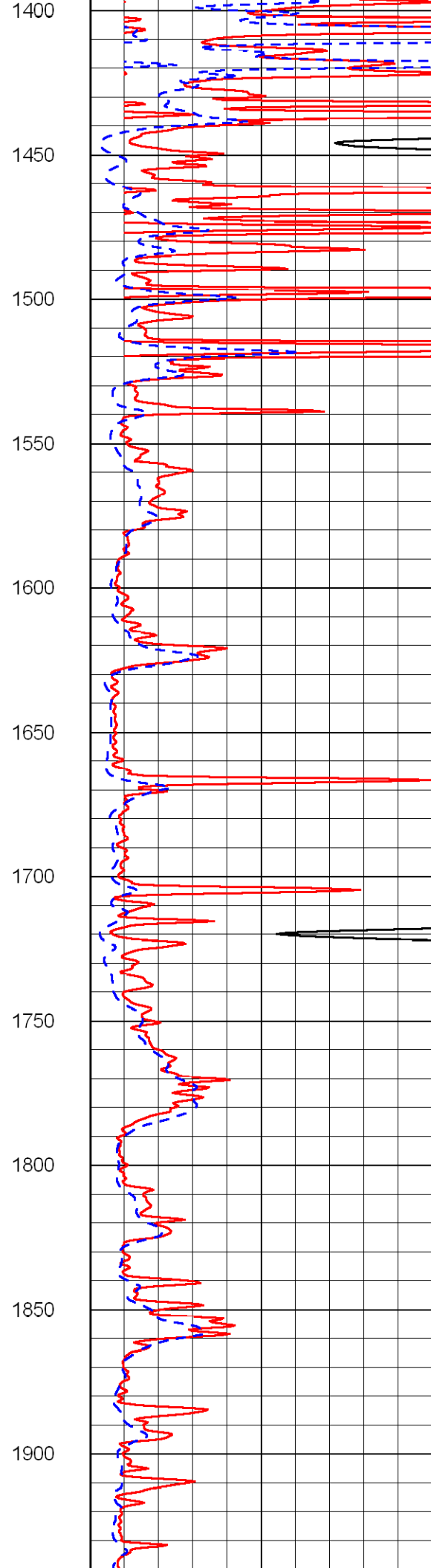
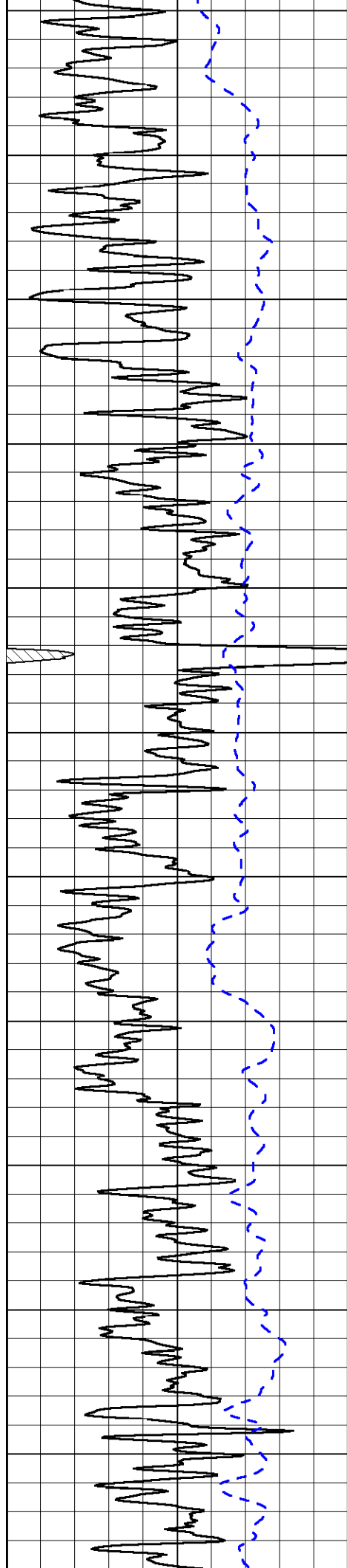
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Dataset Creation: Fri Jan 08 00:48:44 2010
Charted by: Depth in Feet scaled 1:600

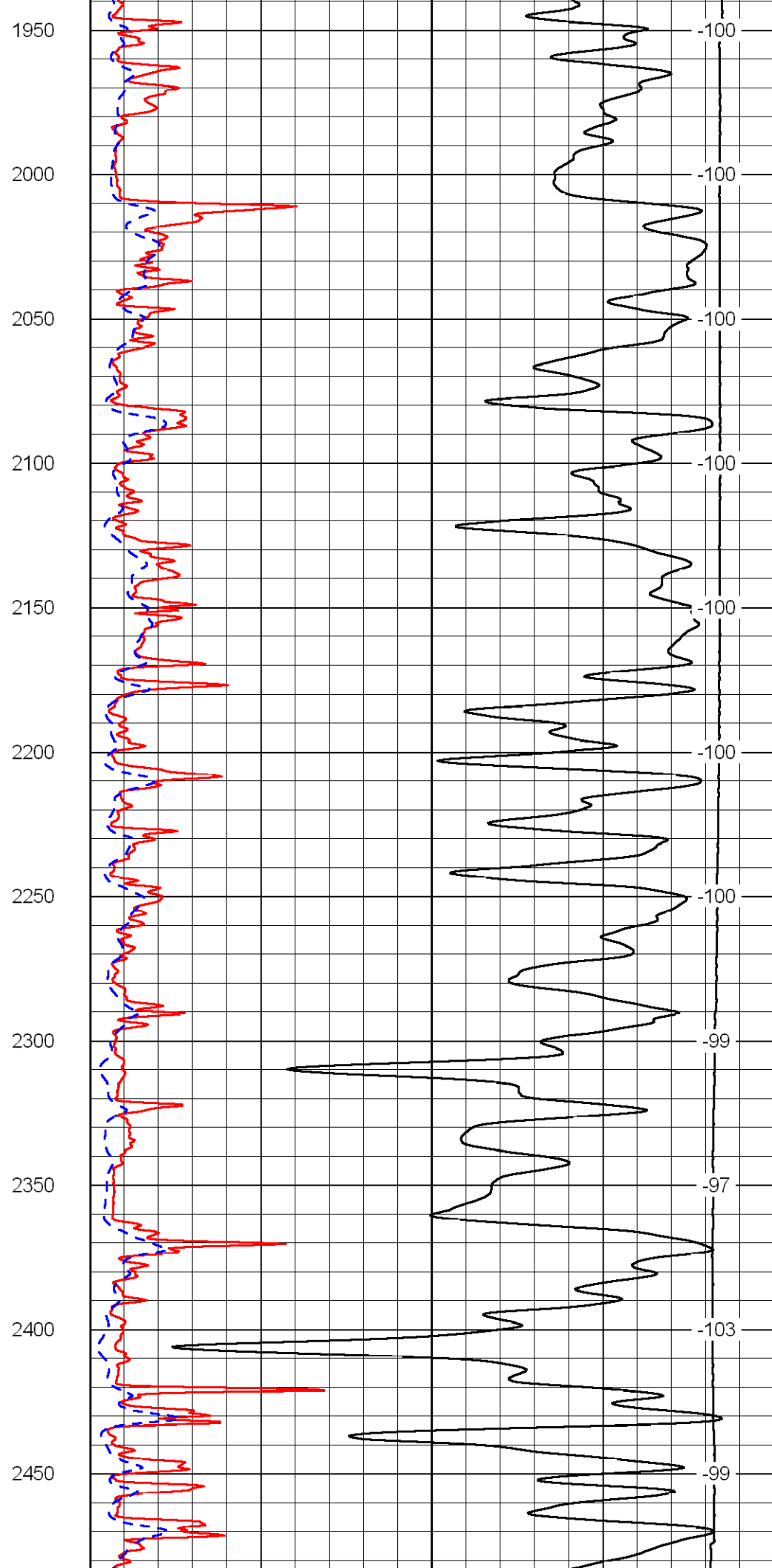
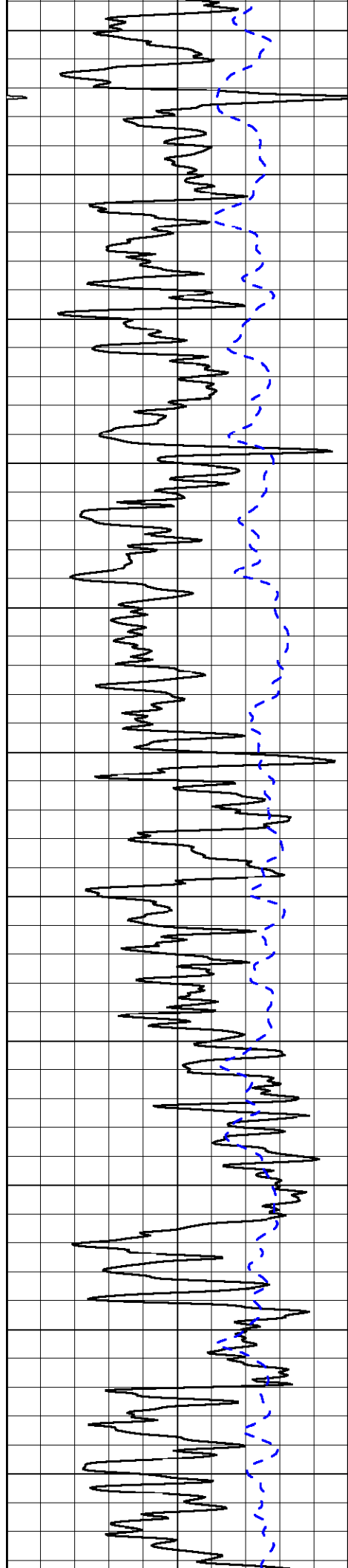
0	Gamma Ray	150
-200	SP (MV)	0

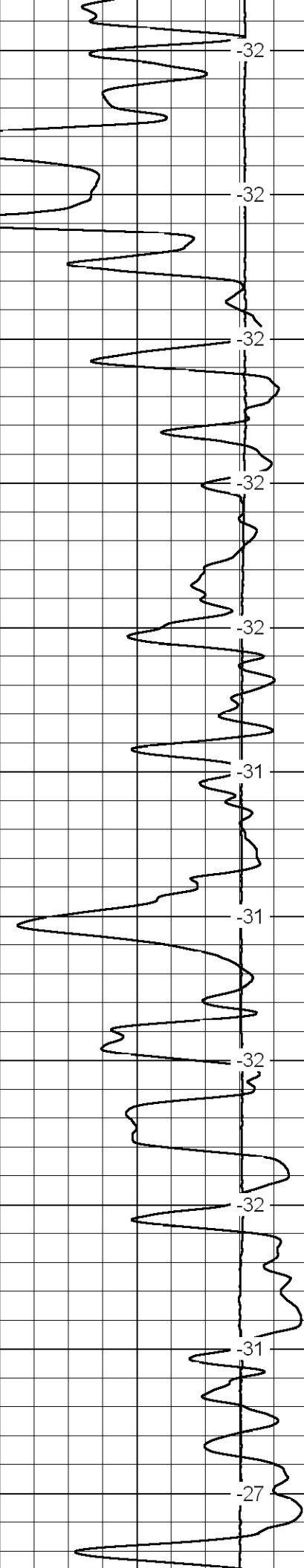
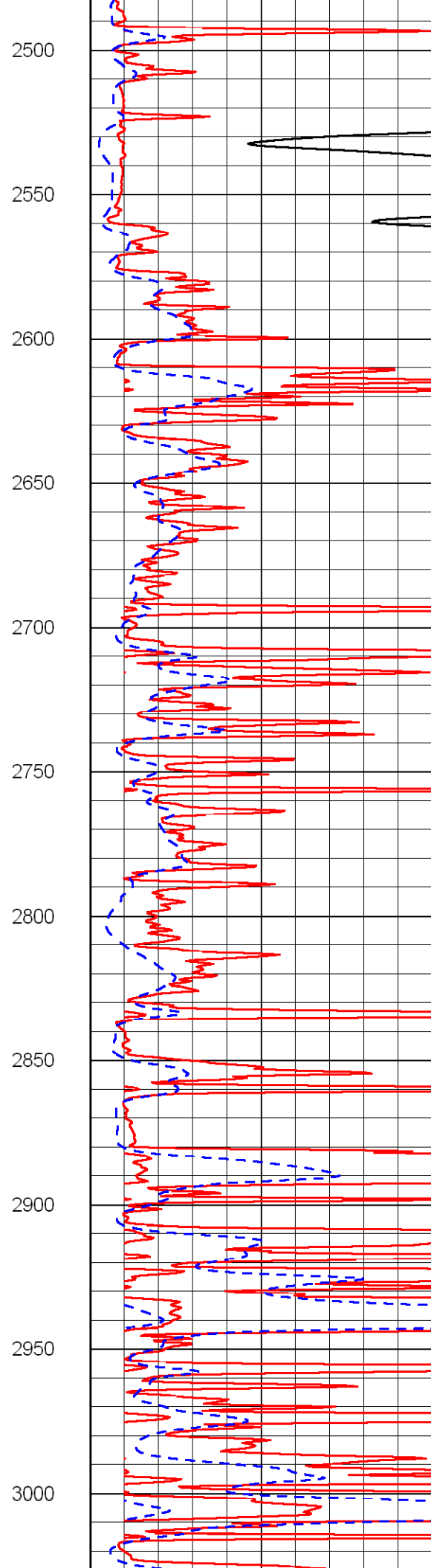
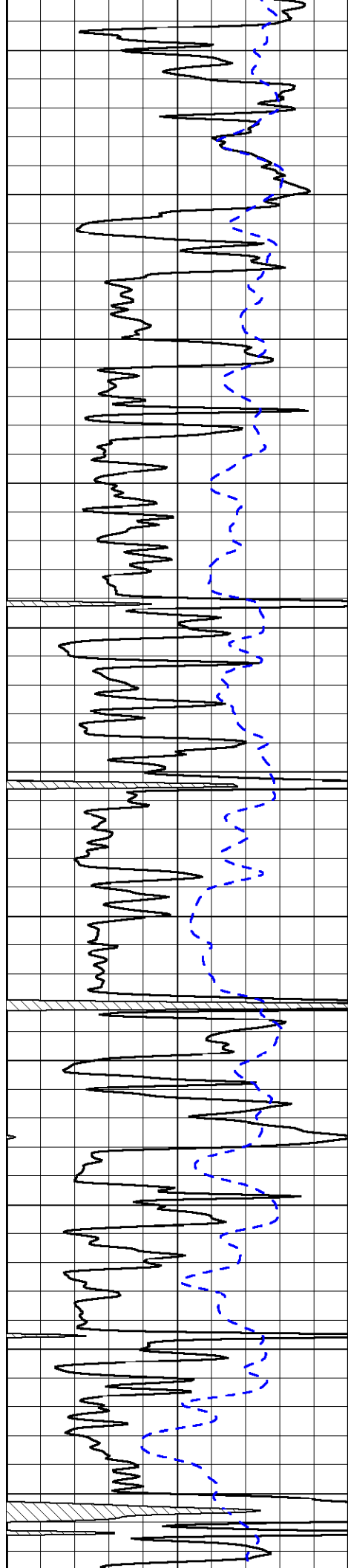
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

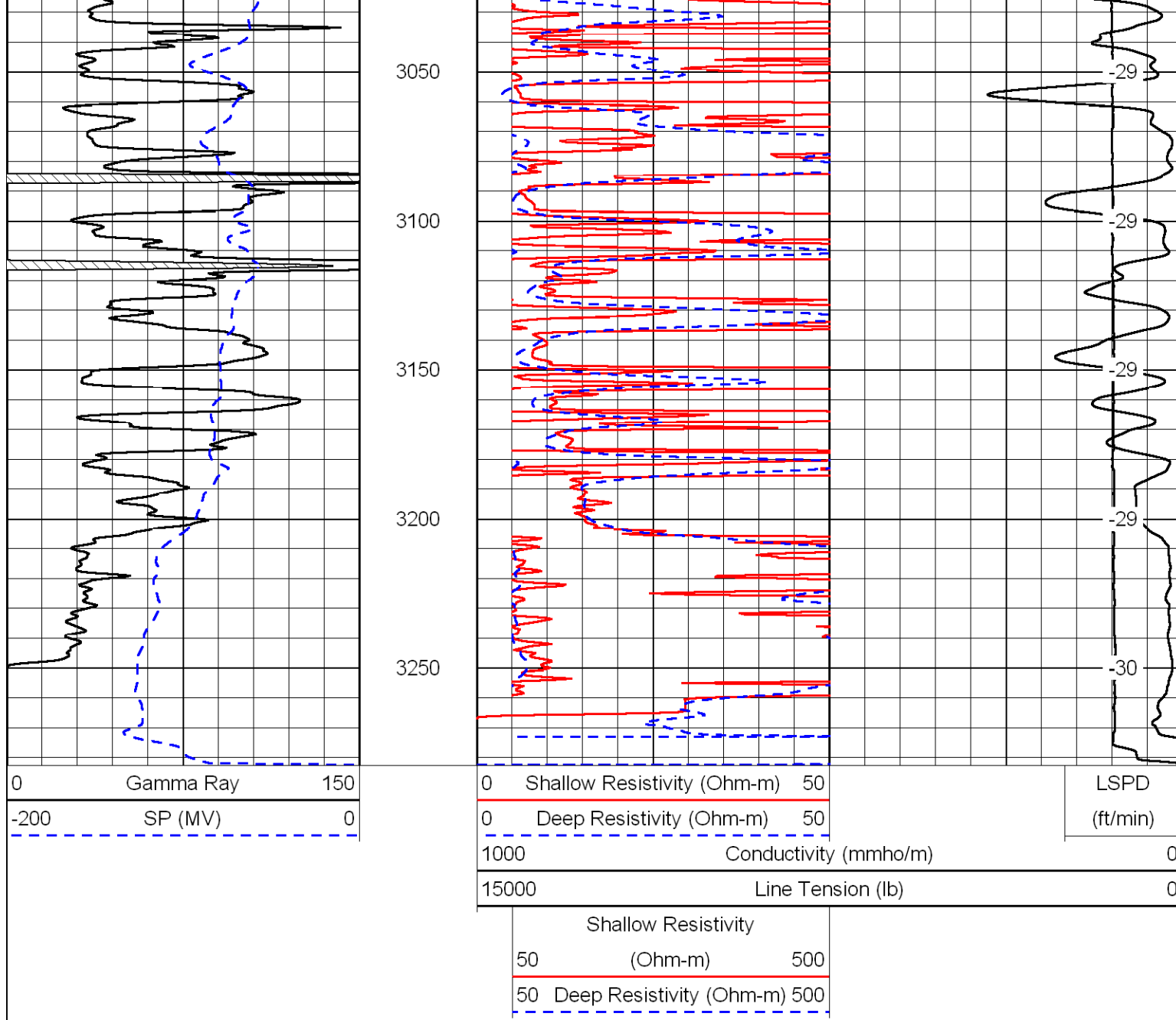




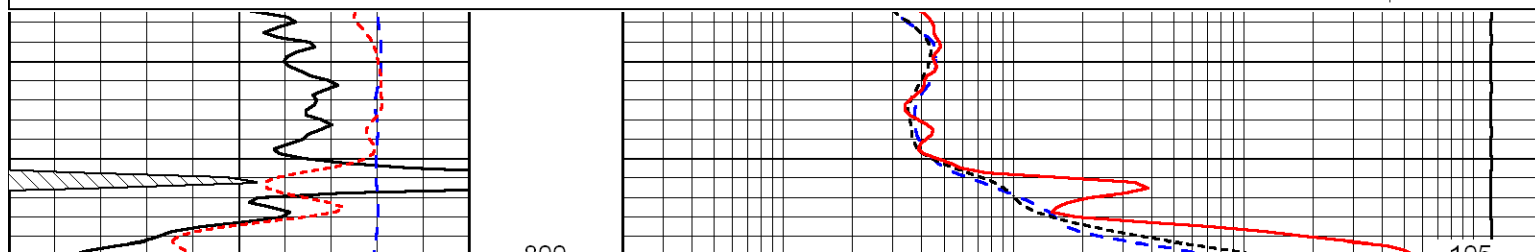
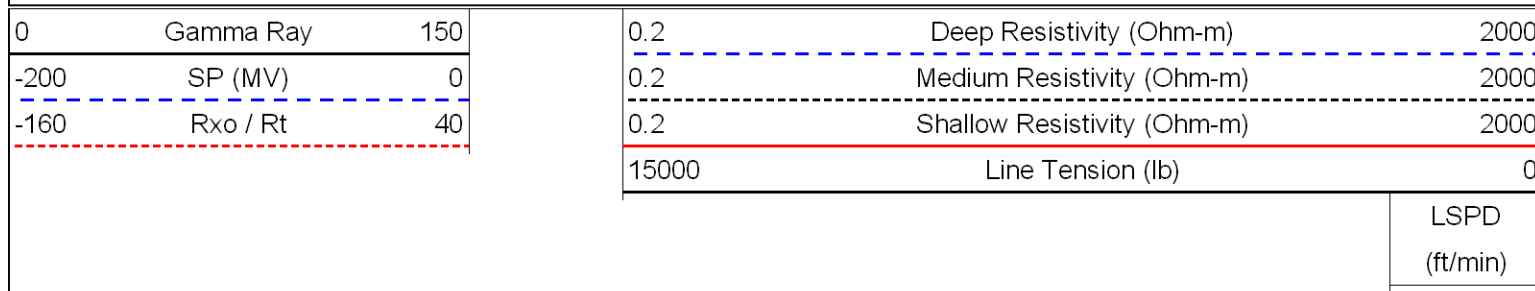


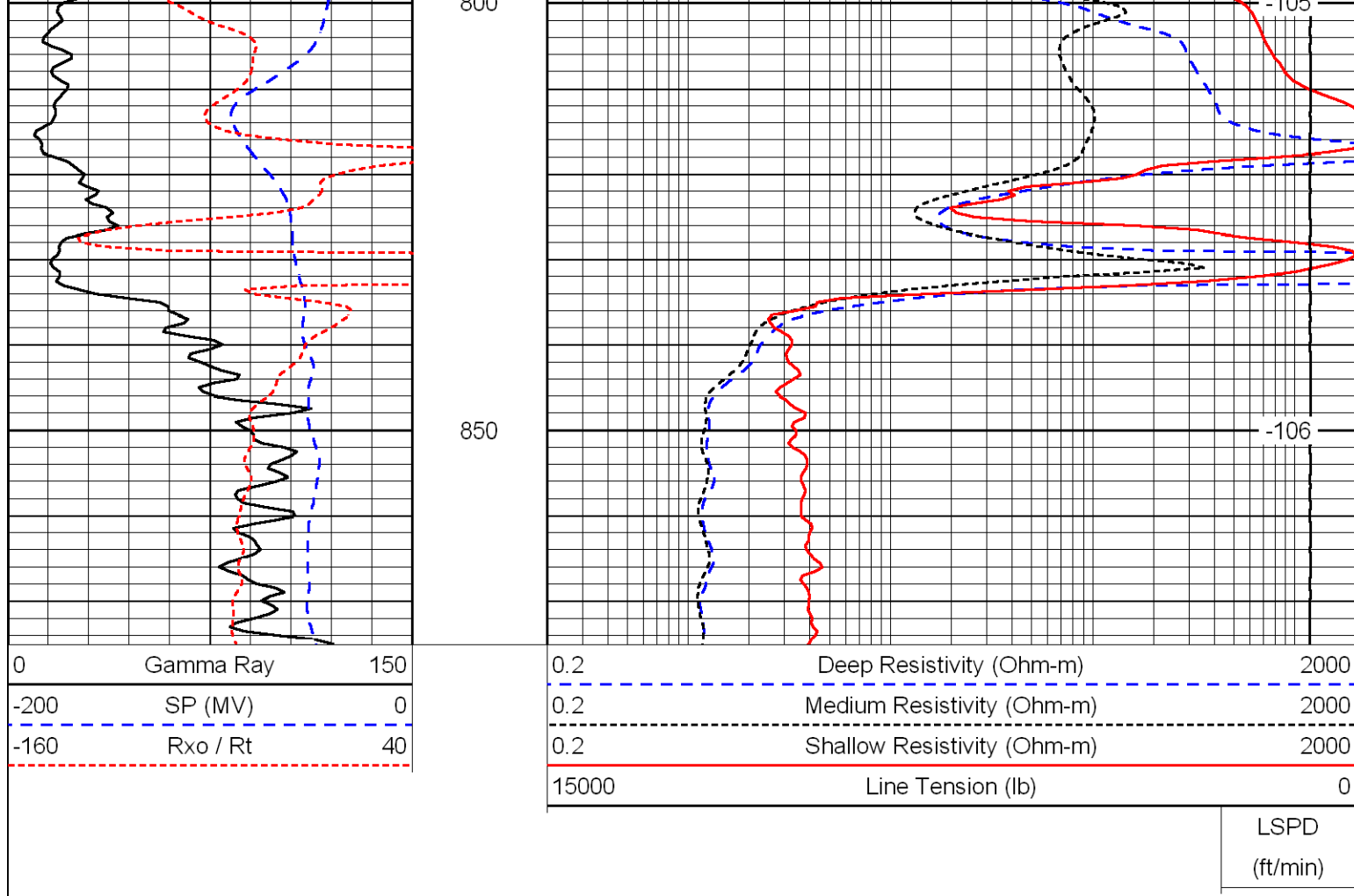




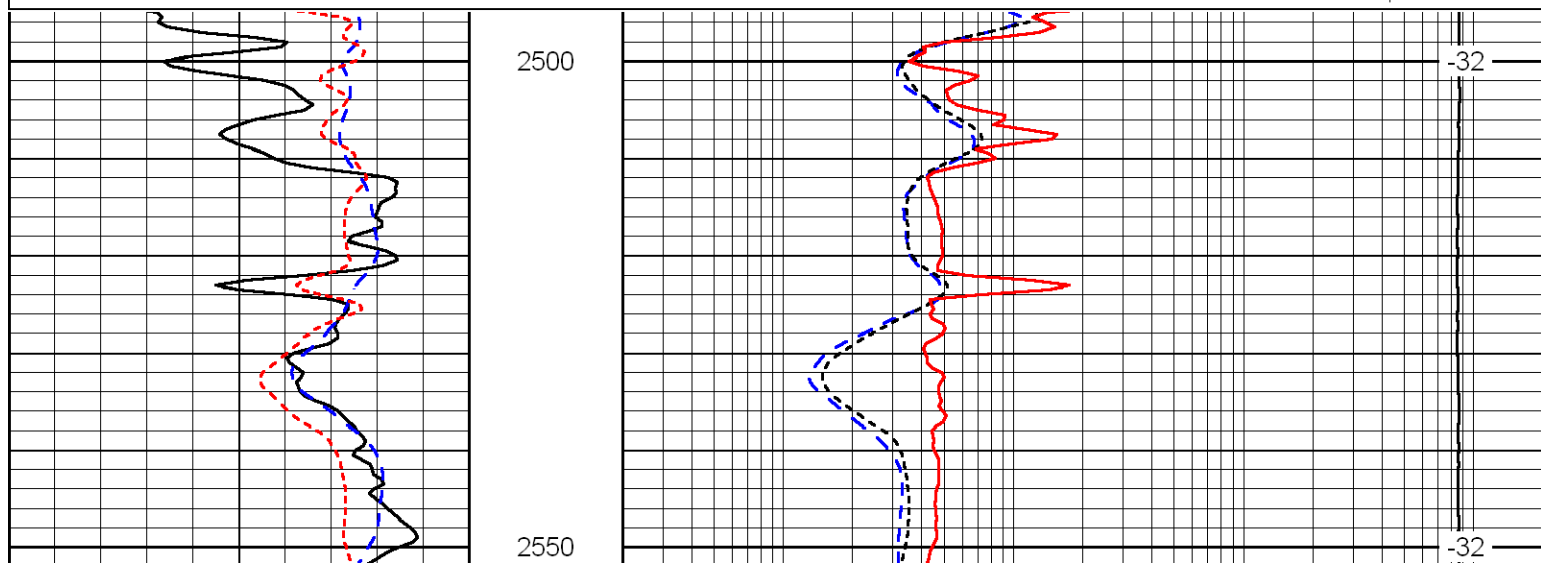
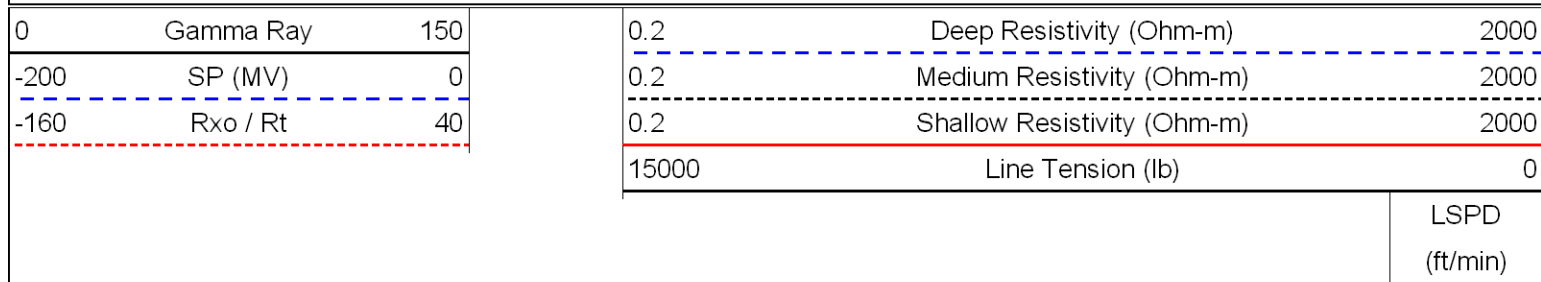


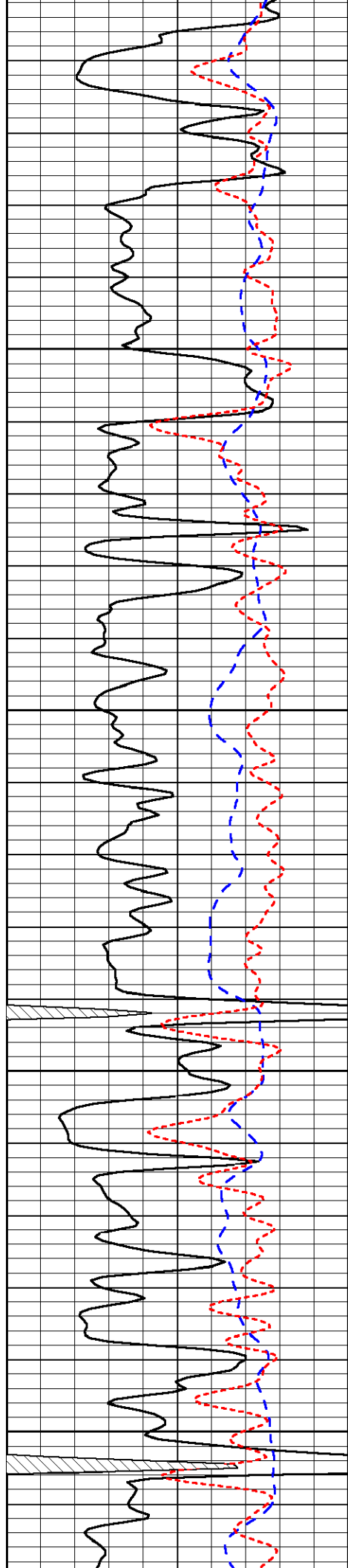
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Presentation Format: dil
Dataset Creation: Fri Jan 08 00:48:44 2010
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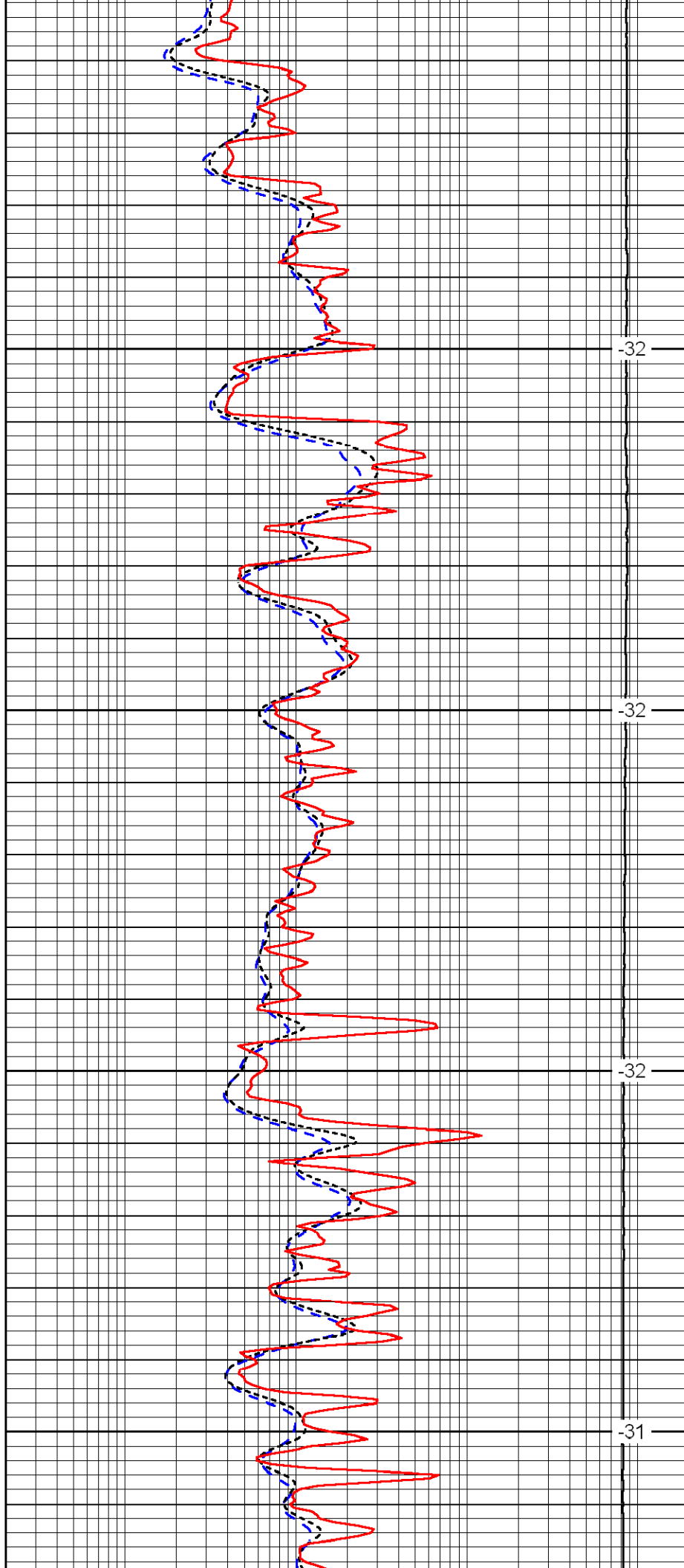


2600

2650

2700

2750

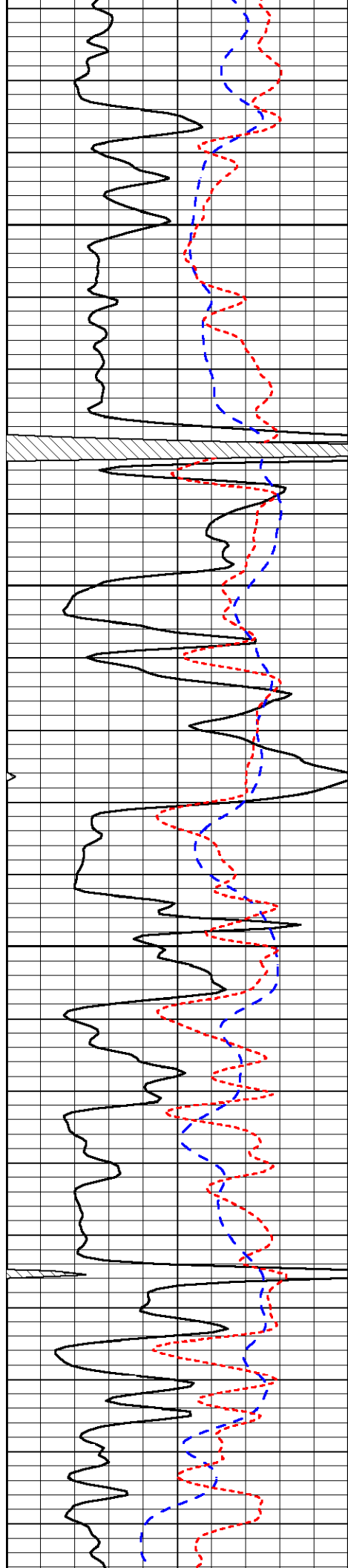


-32

-32

-32

-31

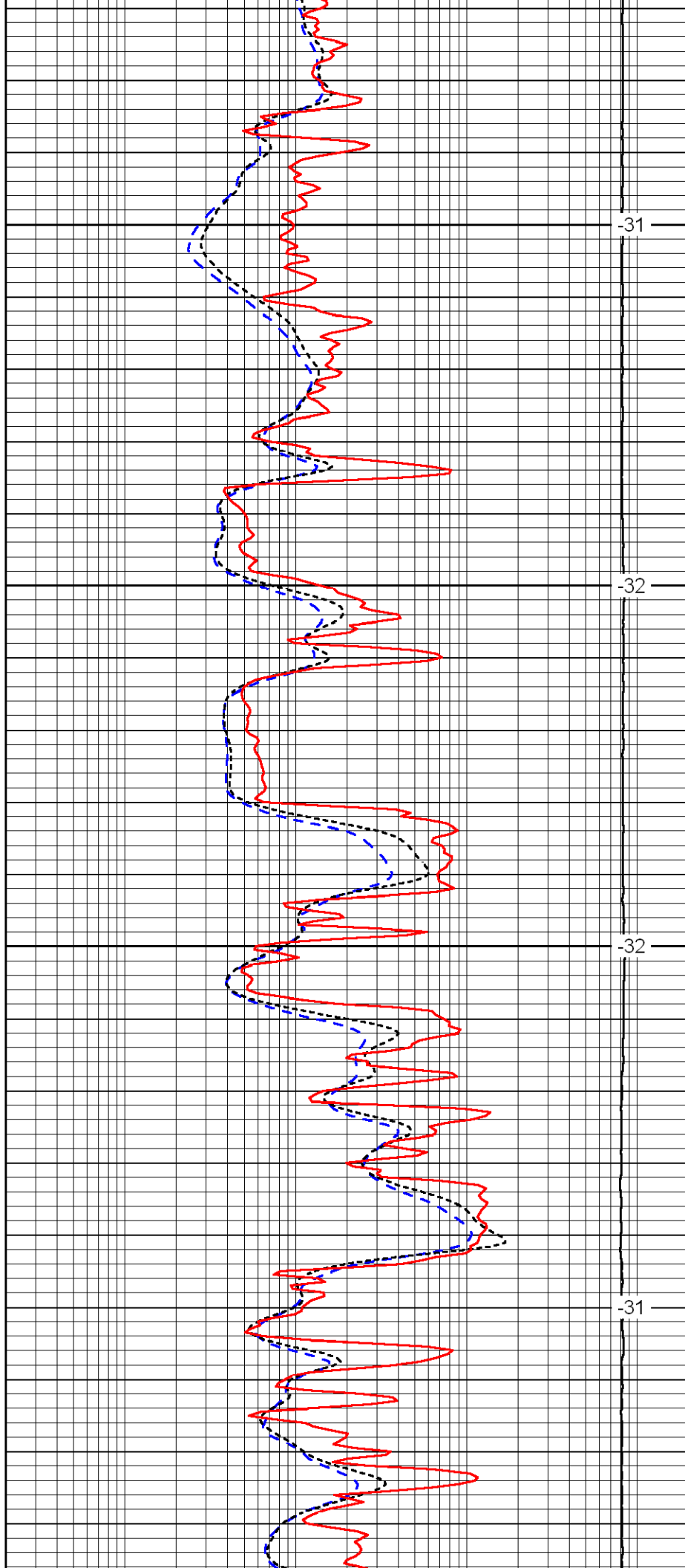


2800

2850

2900

2950

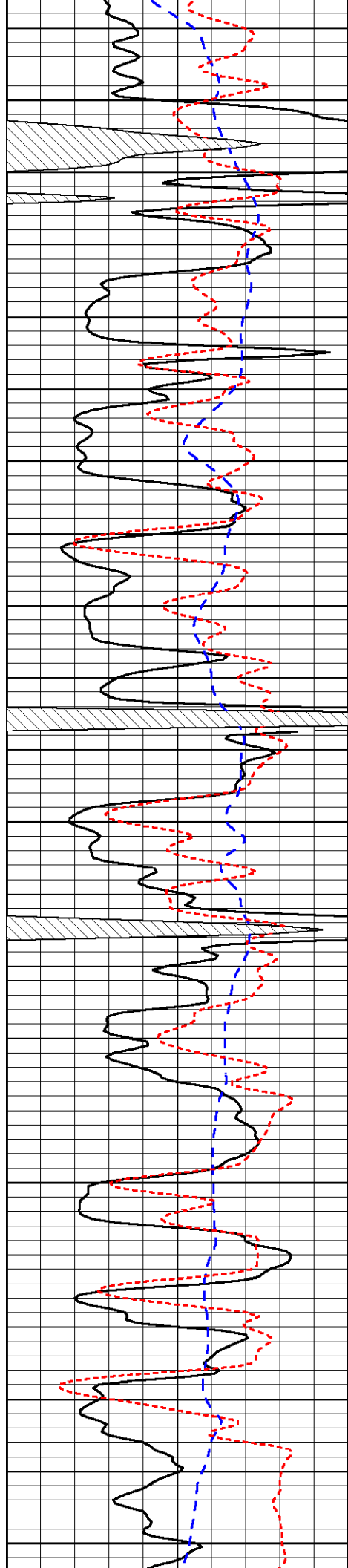


-31

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-32

-31



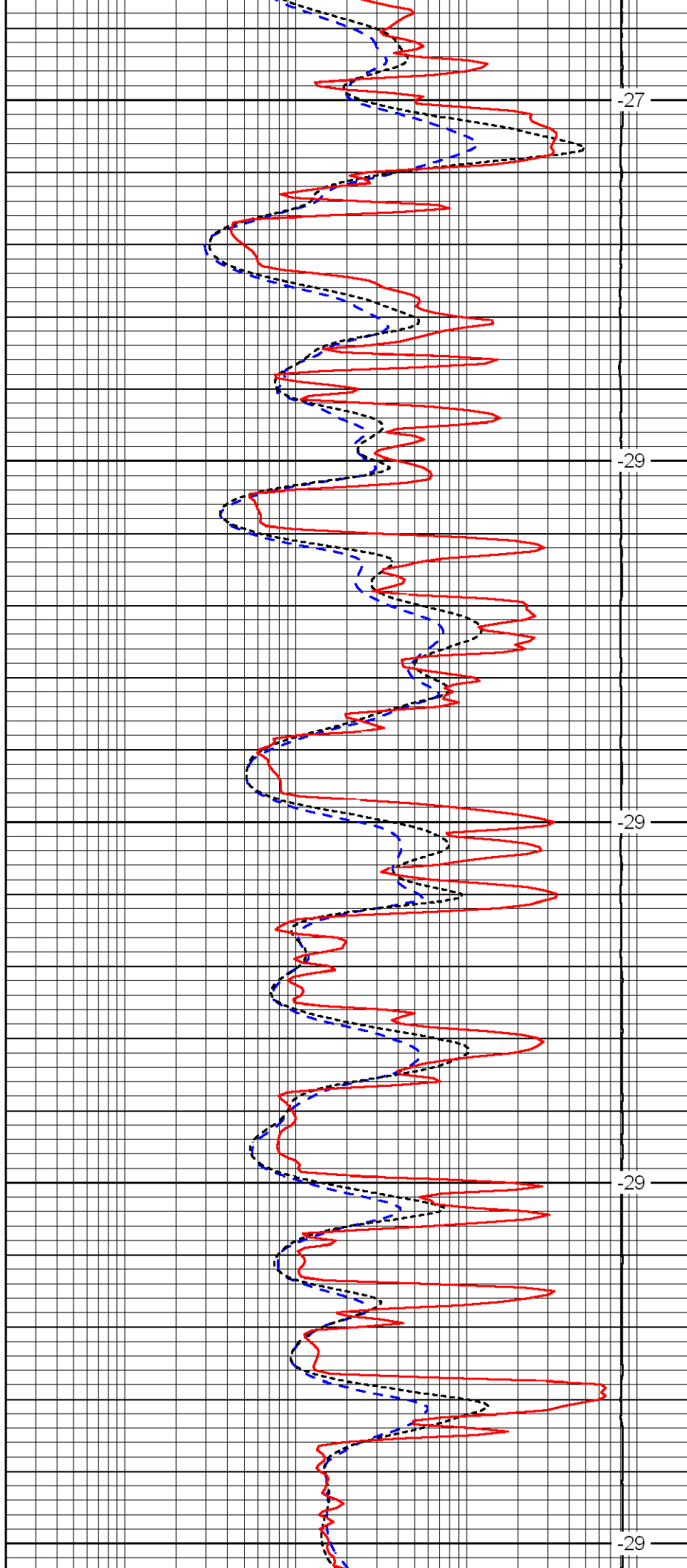
3000

3050

3100

3150

3200



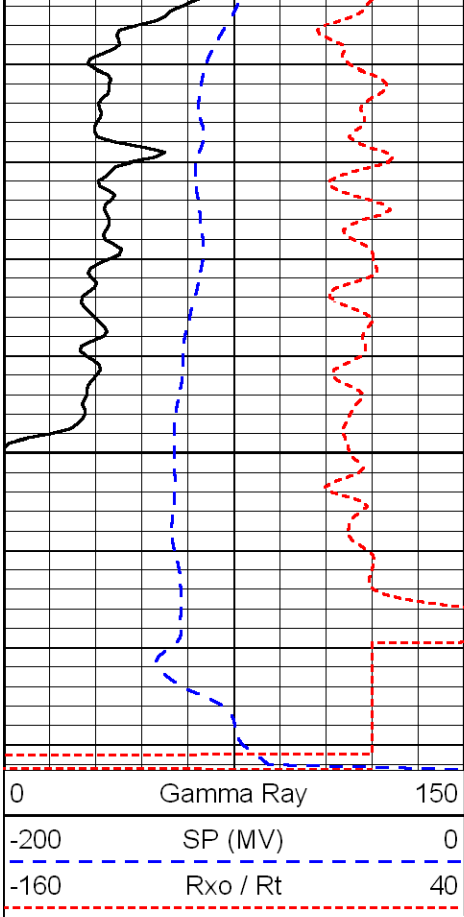
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-29

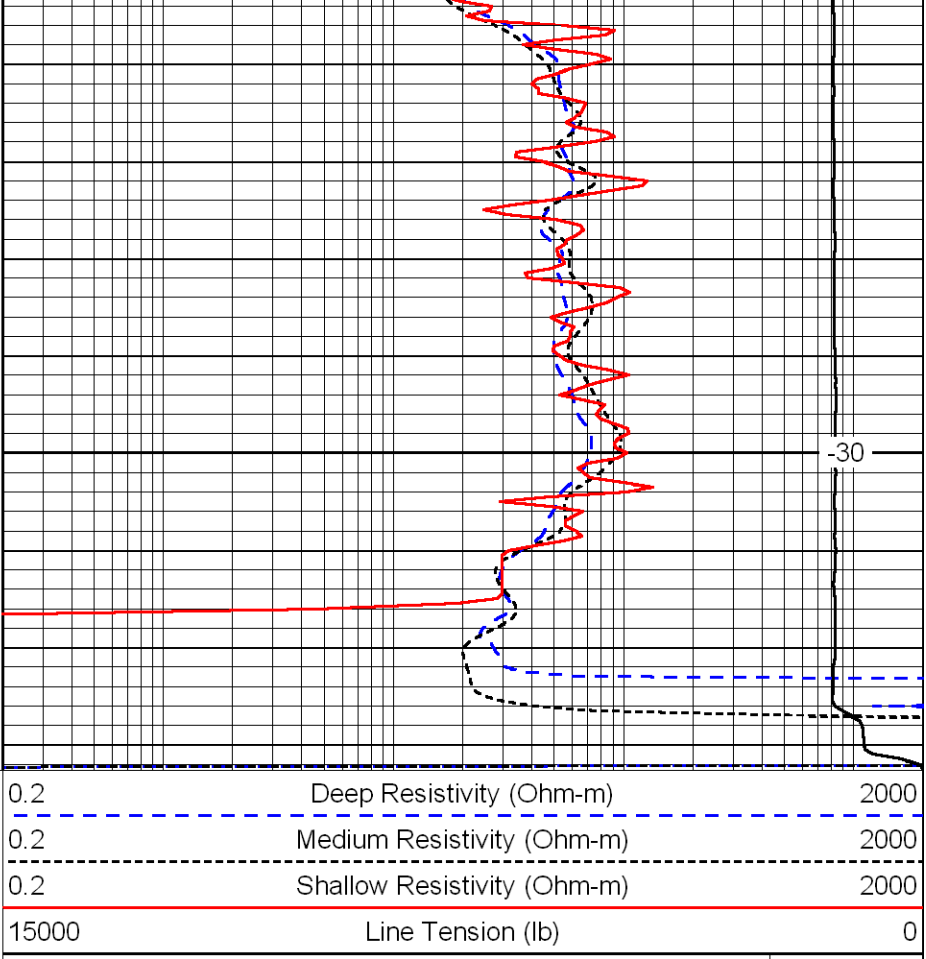
-29

-29

-29



3250



-30

LSPD
(ft/min)