

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-009-25598-00-00

Company Casino Petroleum Company

Well Zahorsky #13

Field Chase-Silica

County Barton State Kansas

Location

E/2 SW SE
660' FSL / 1650' FEL

Sec: 14 Twp: 20S Rge: 11W

Permanent Datum Ground Level Elevation 1750
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL / CDL
Elevation
K.B. 1758
D.F. 1750
G.L. 1750

Date 8/23/2011

Run Number One

Depth Driller 3349

Depth Logger 3351

Bottom Logged Interval 3350

Top Log Interval 250

Casing Driller 8.625 @ 271

Casing Logger 270

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 12.000

Density / Viscosity 8.7 43

pH / Fluid Loss 9.0 11.2

Source of Sample Flowline

Rm @ Meas. Temp 0.40 @ 95

Rmf @ Meas. Temp 0.30 @ 95

Rmc @ Meas. Temp 0.54 @ 95

Source of Rmf / Rmc Charts

Rm @ BHT 0.35 @ 109

Operating Rig Time 3 Hours

Max Rec. Temp. F 109

Equipment Number 15

Location Hays

Recorded By R. Barnhart

Witnessed By Dave Williams

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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

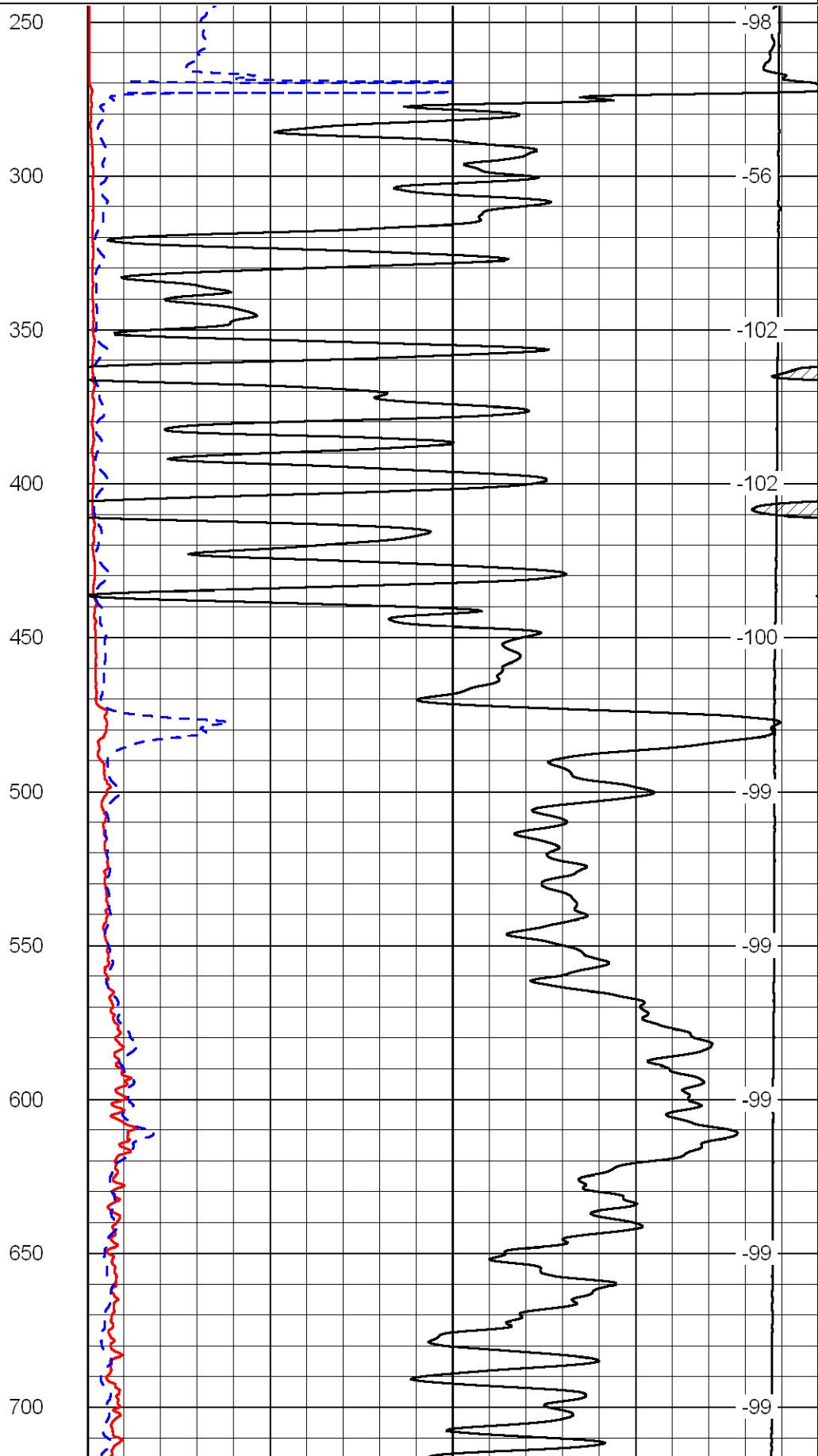
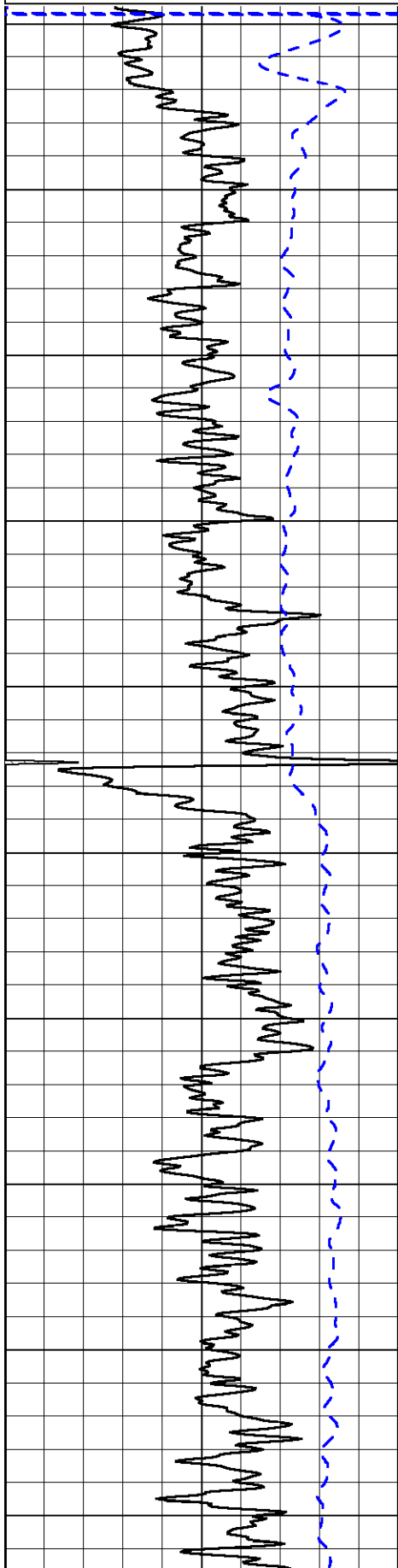
Thank you for using Log-Tech, Inc.
(785) 625-3858

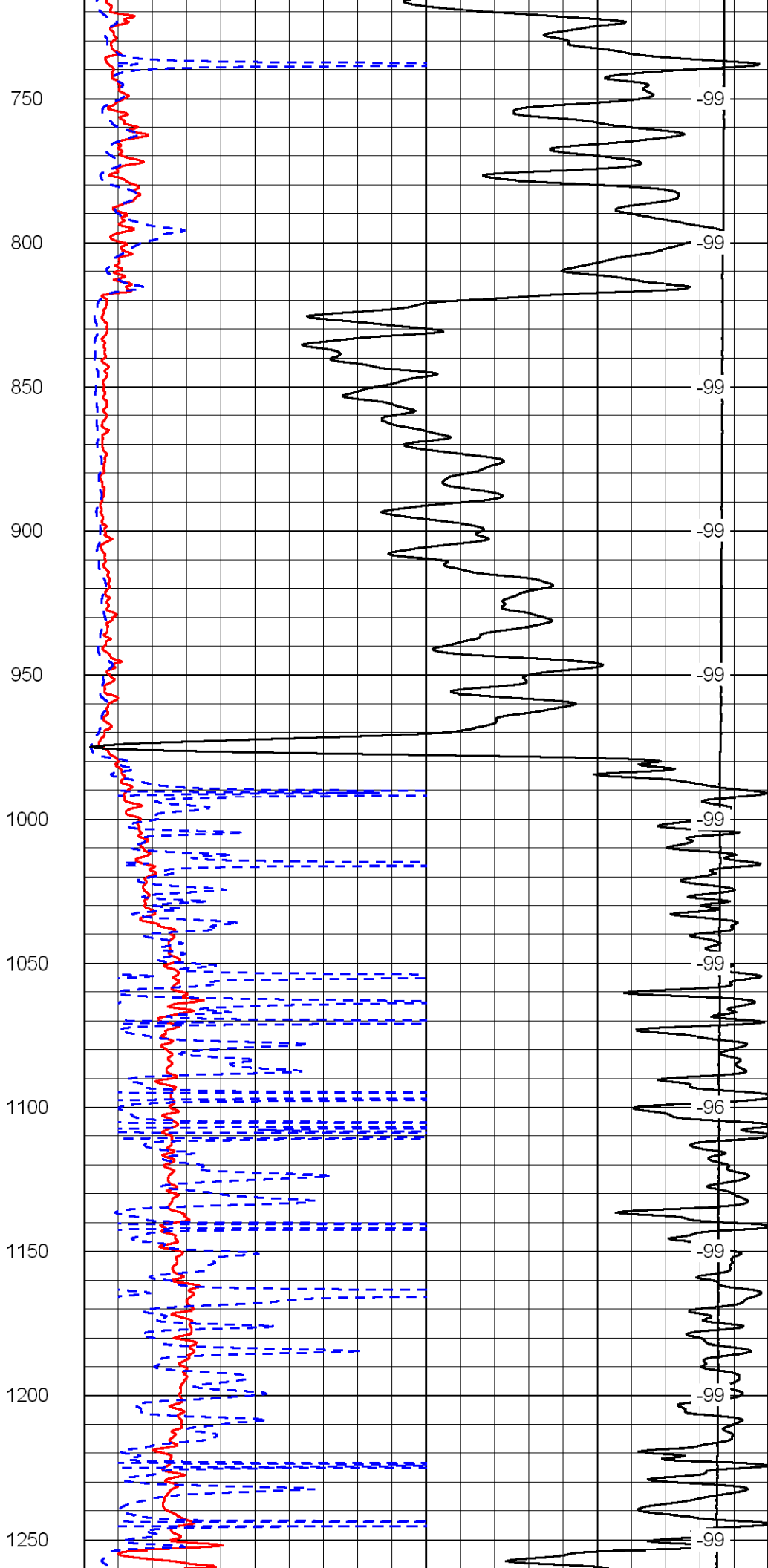
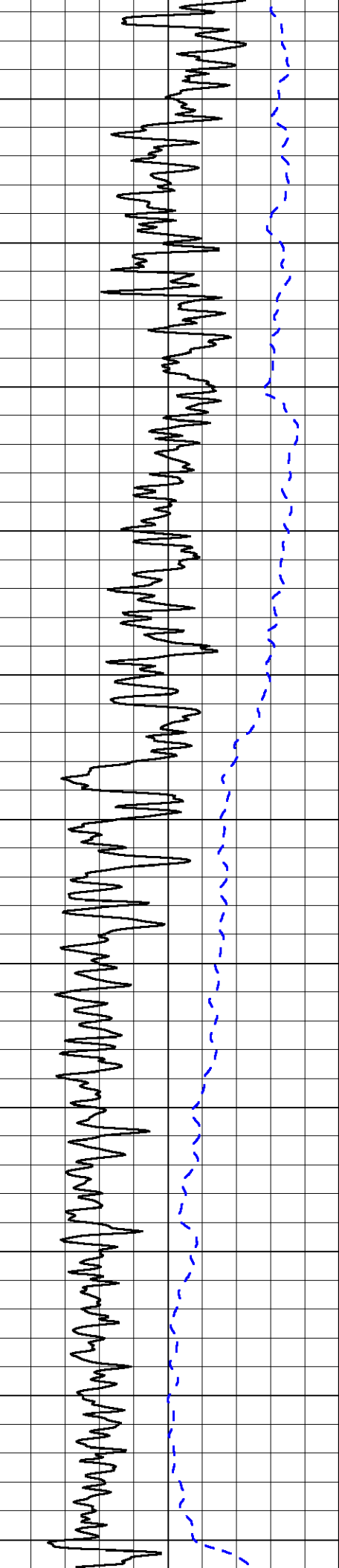
Ellinwood, KS:
From Stoplight, S across river bridge,
1/2W, 2S, 4E, N into

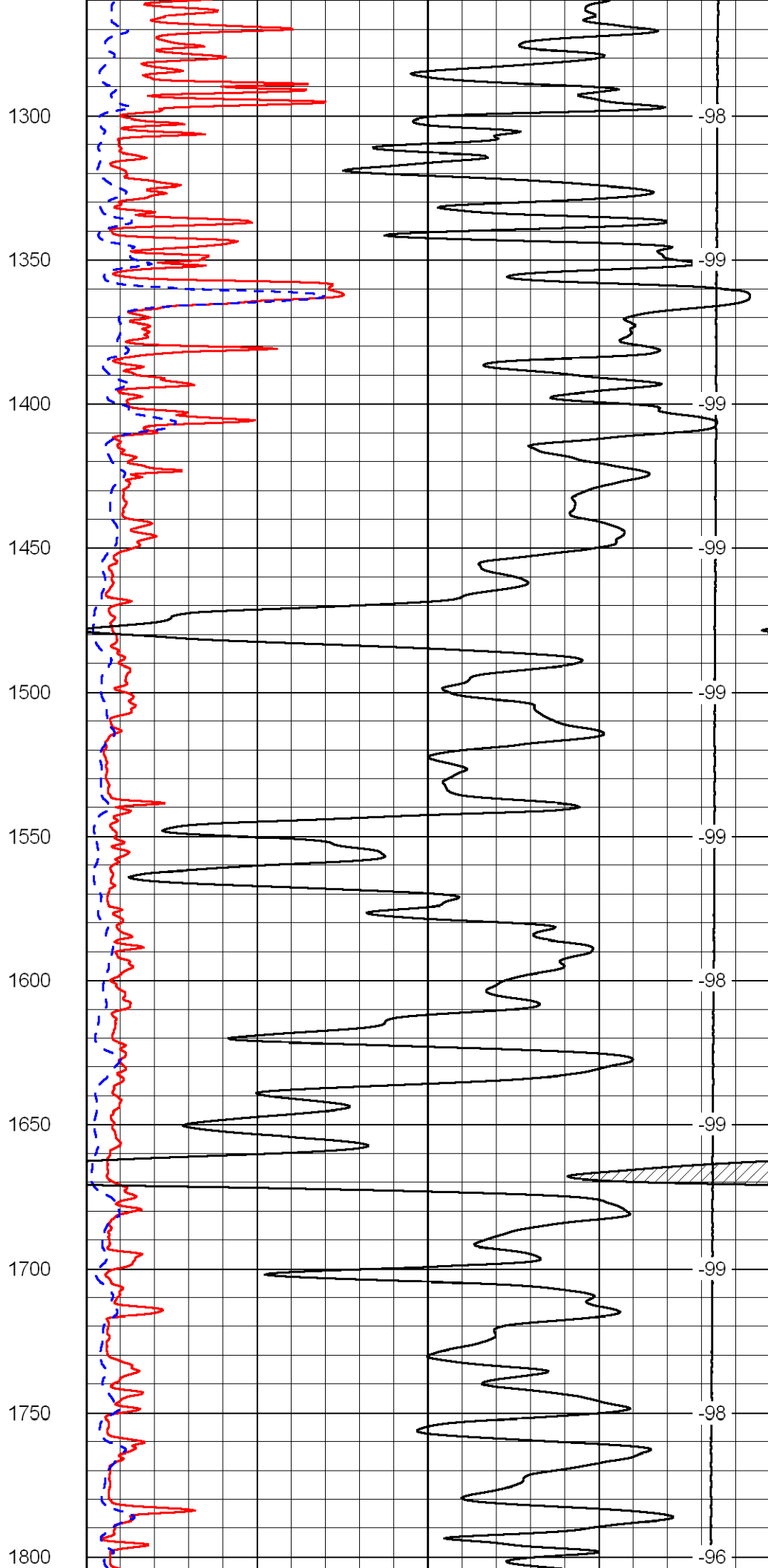
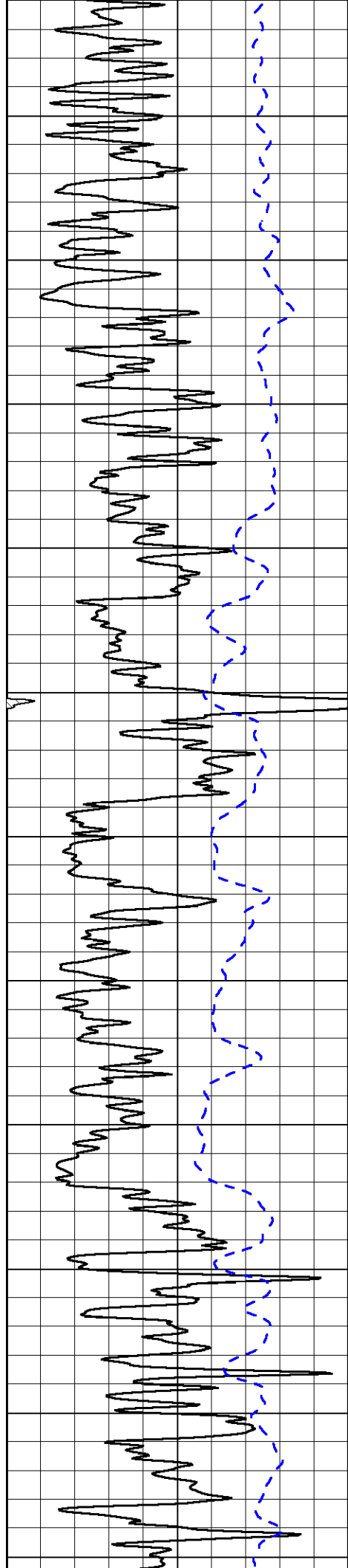
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Dataset Creation: Tue Aug 23 19:05:28 2011
Charted by: Depth in Feet scaled 1:600

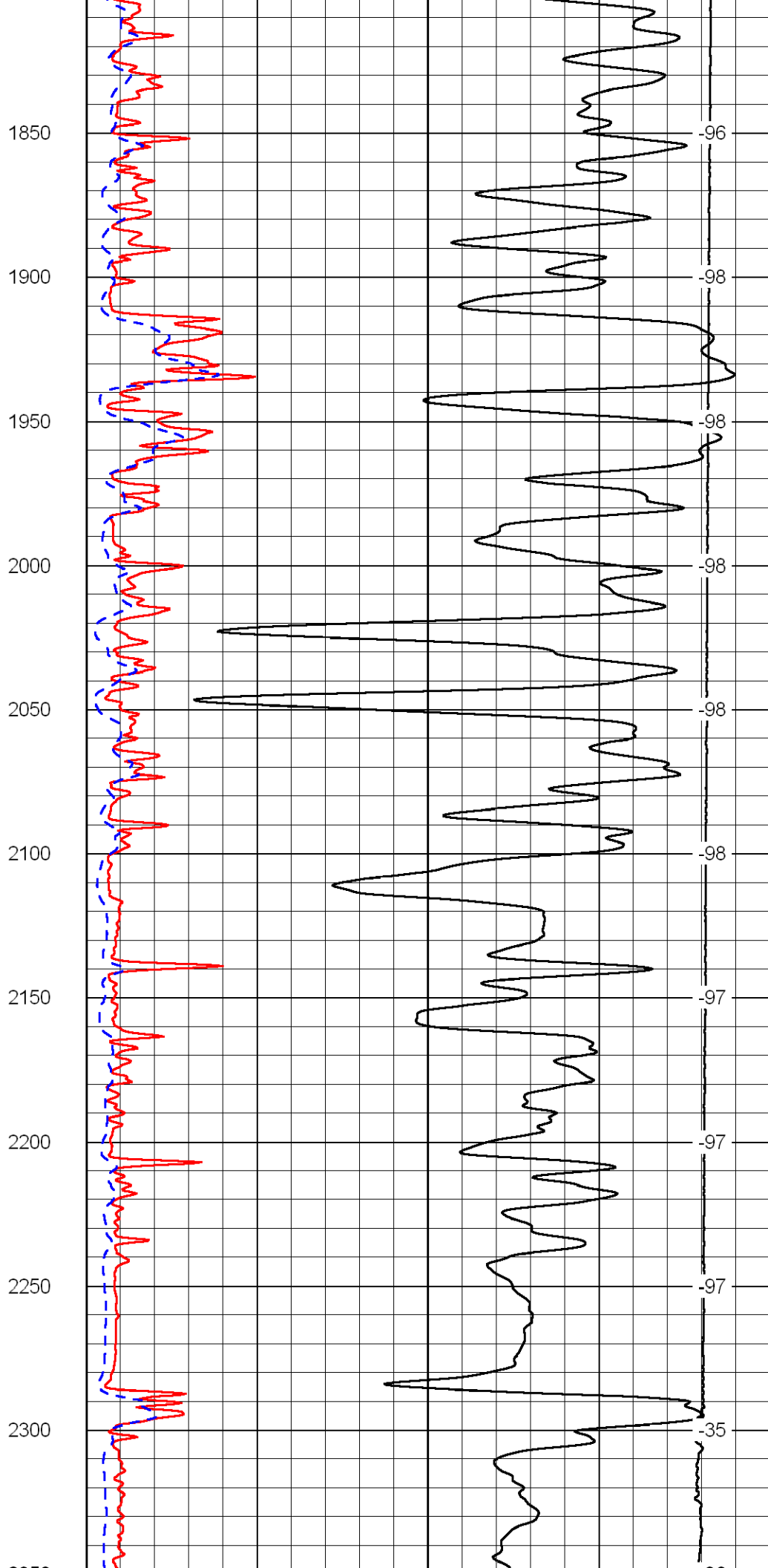
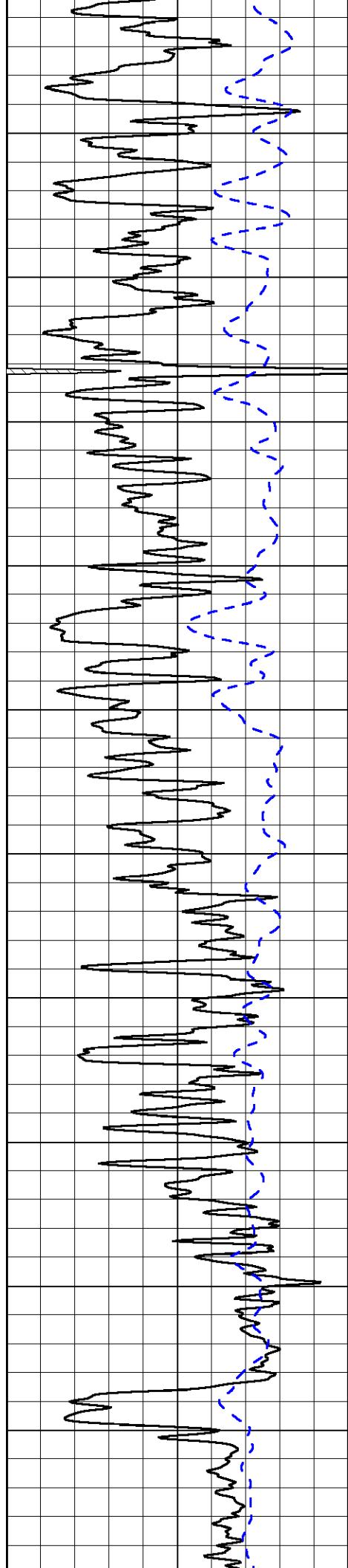
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-200	SP	0

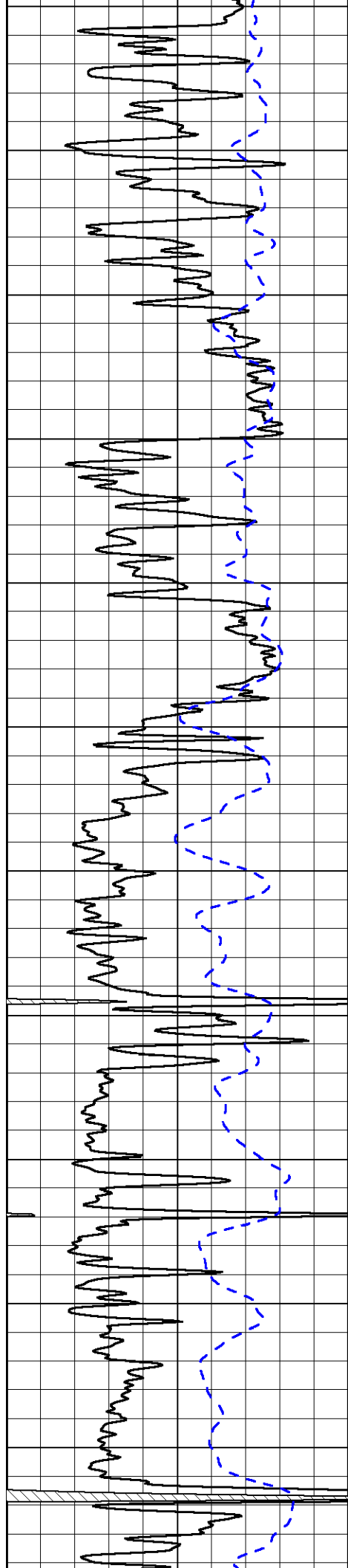
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500



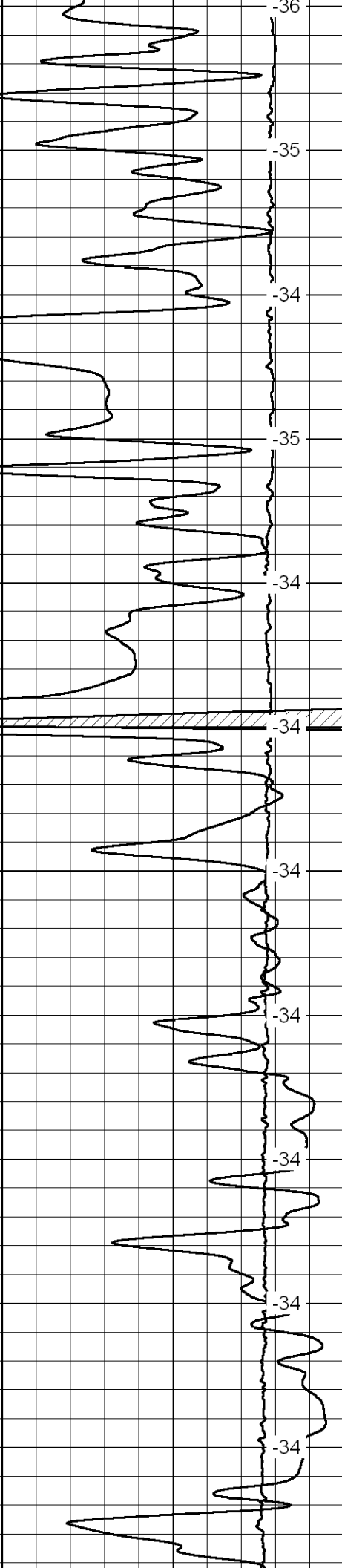
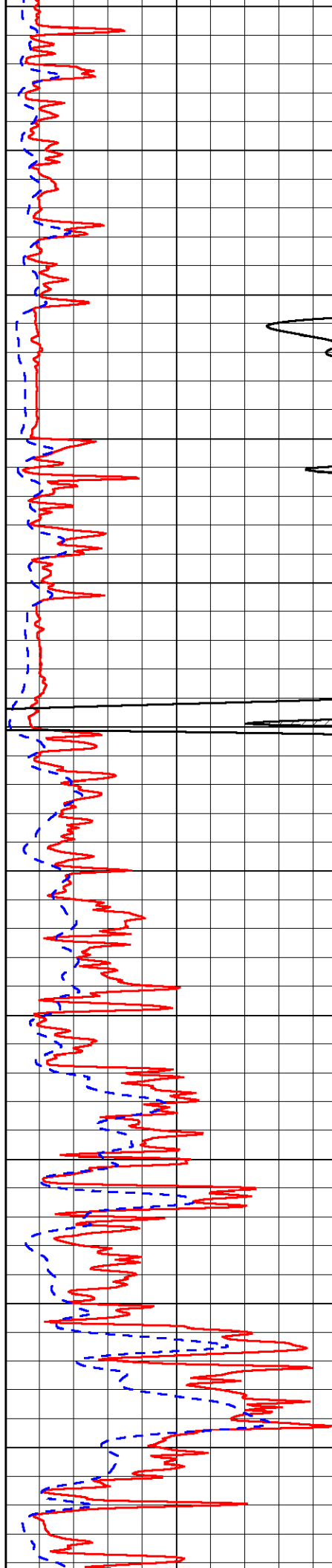




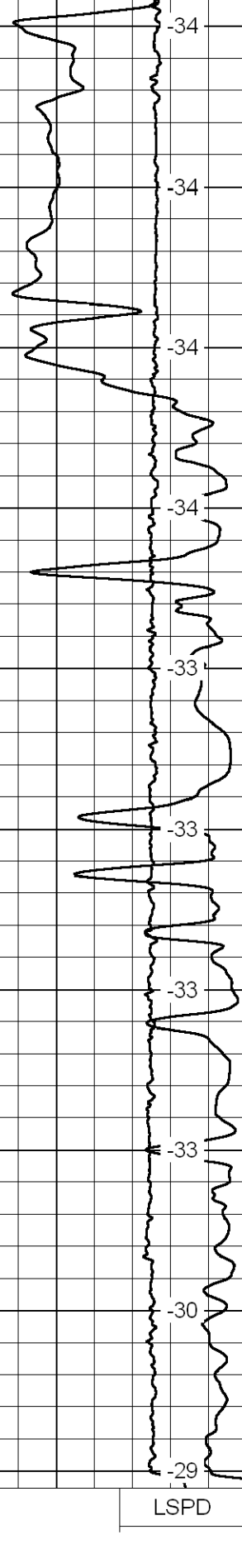
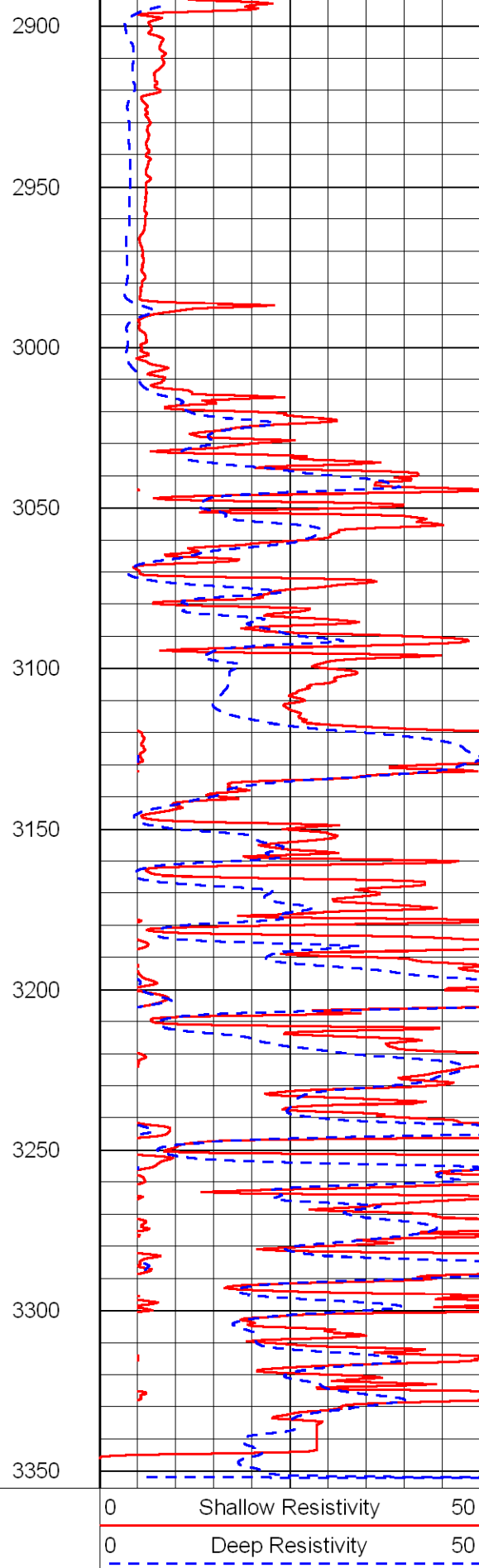
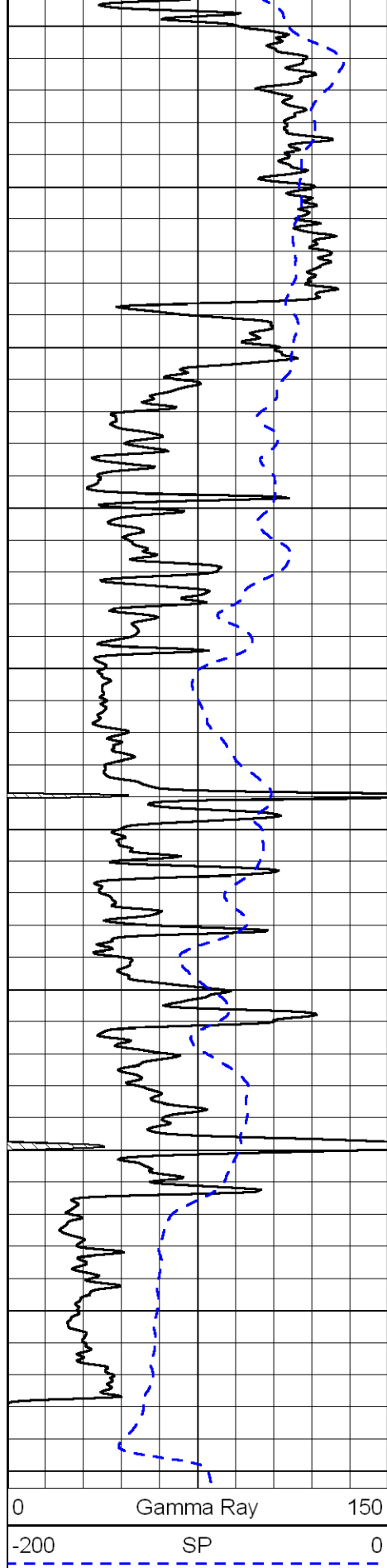




2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850



2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850



0 Gamma Ray 150
-200 SP 0

0 Shallow Resistivity 50
0 Deep Resistivity 50

LSPD
-34
-34
-34
-34
-33
-33
-33
-33
-30
-29

1000 Conductivity 0
15000 Line Tension 0

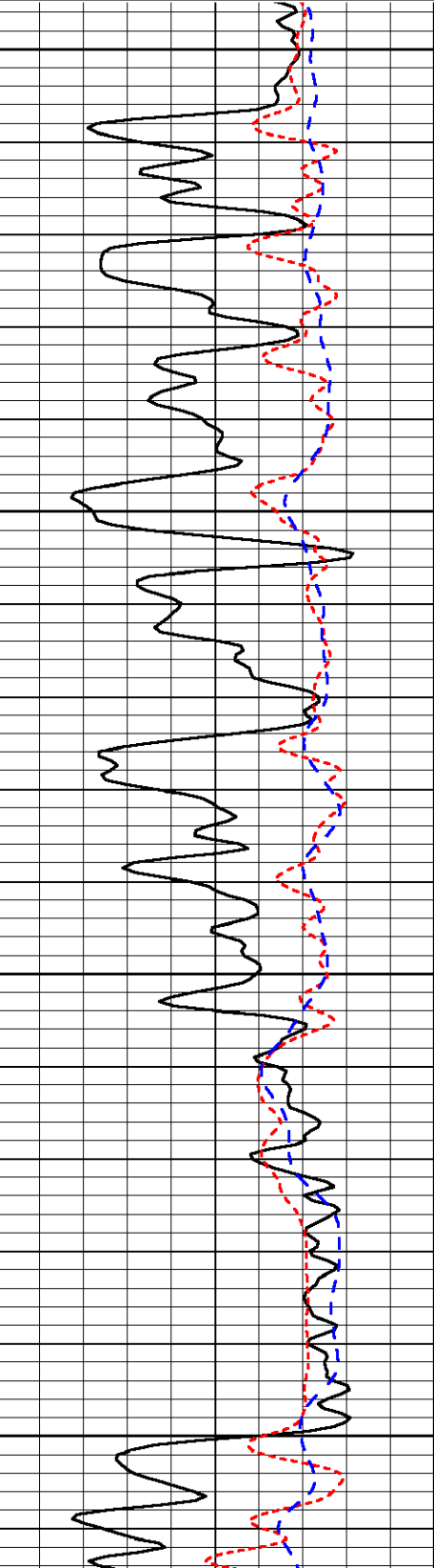
50 Shallow Resistivity 500
50 Deep Resistivity 500

Database File: casinohd.db
Dataset Pathname: dil/casmain
Presentation Format: dil
Dataset Creation: Tue Aug 23 19:05:28 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

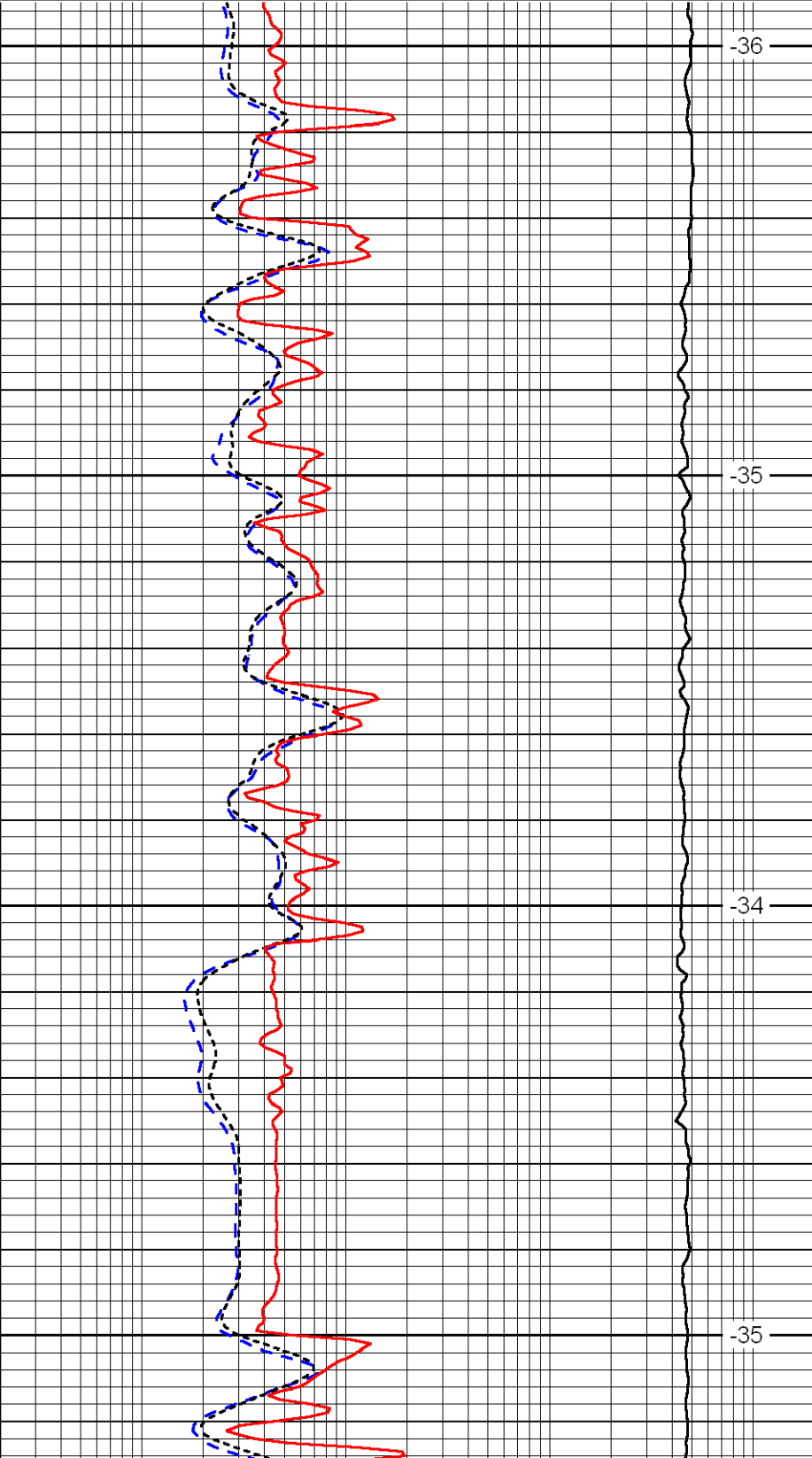


2350

2400

2450

2500

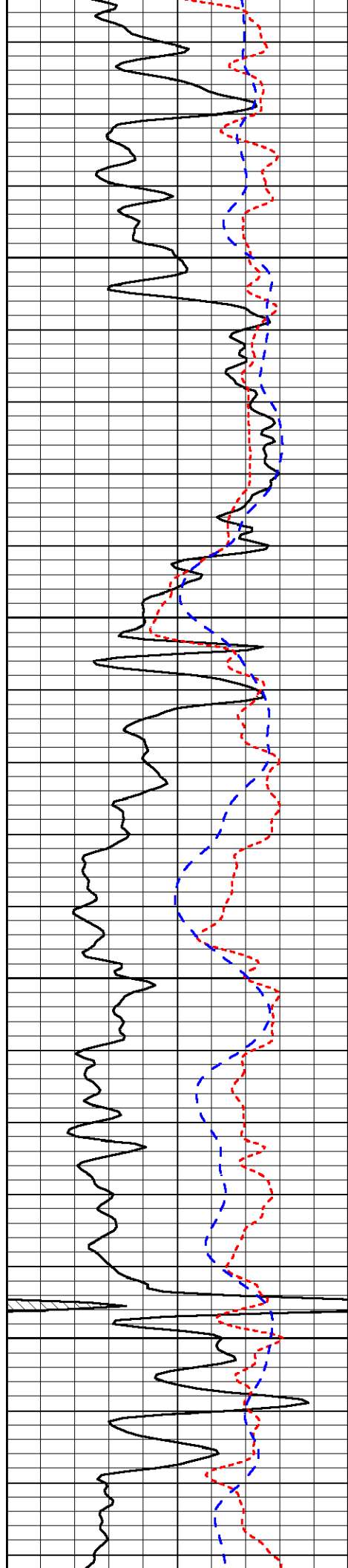


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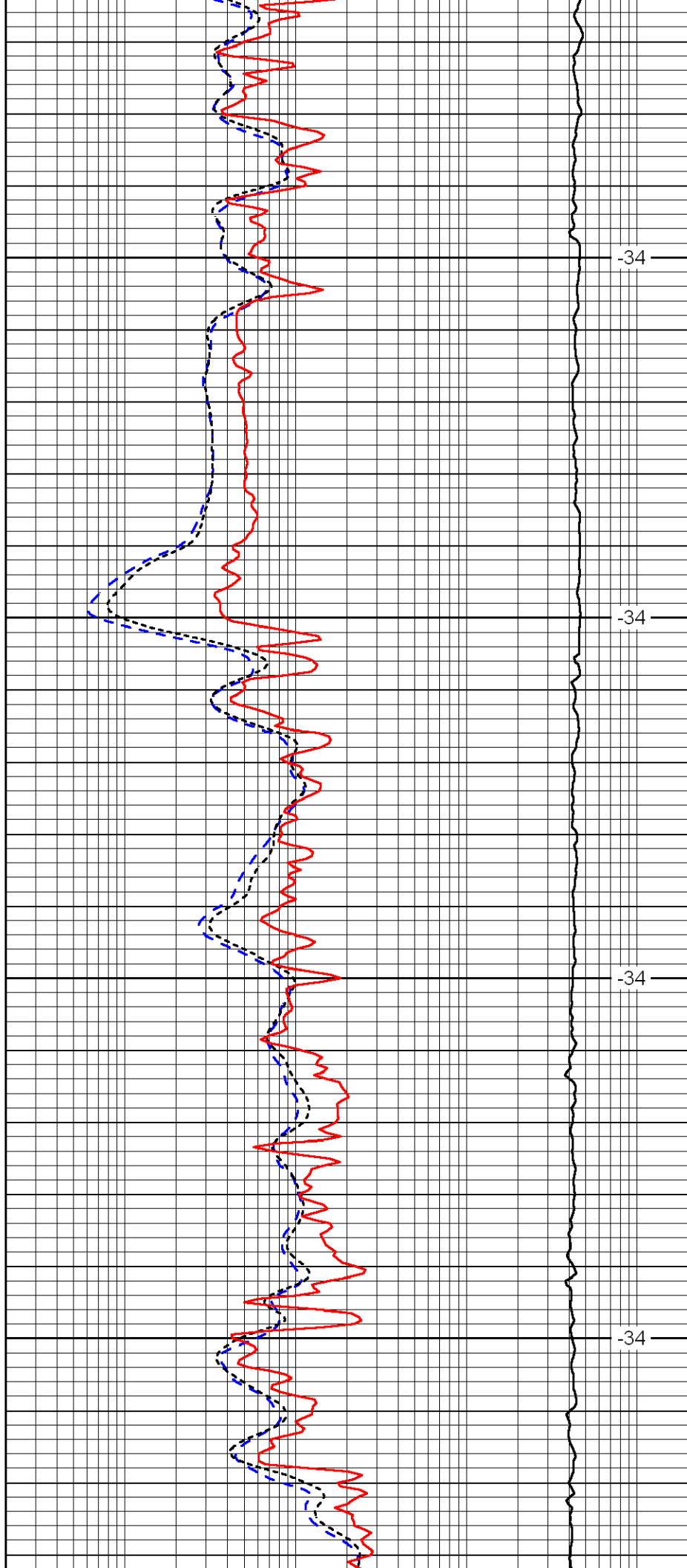


2550

2600

2650

2700

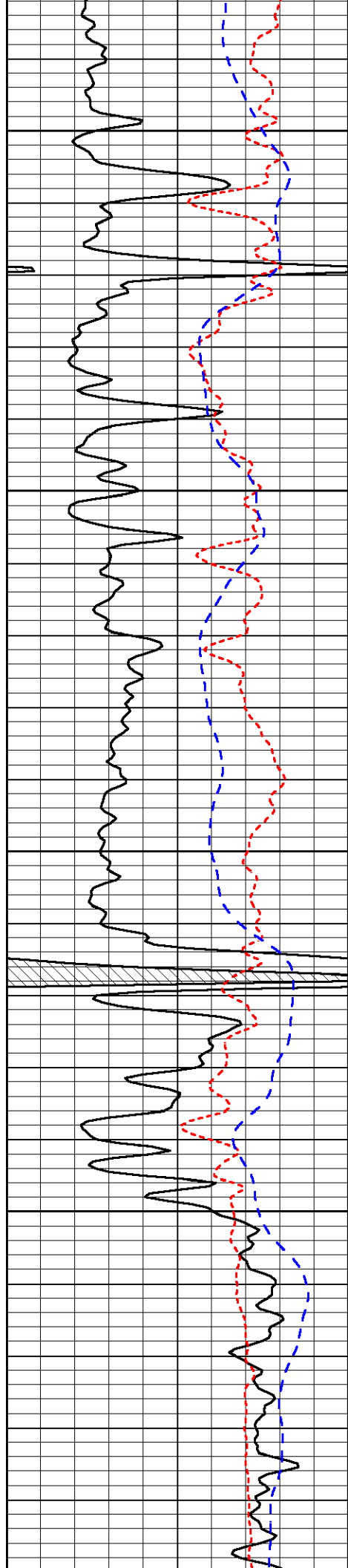


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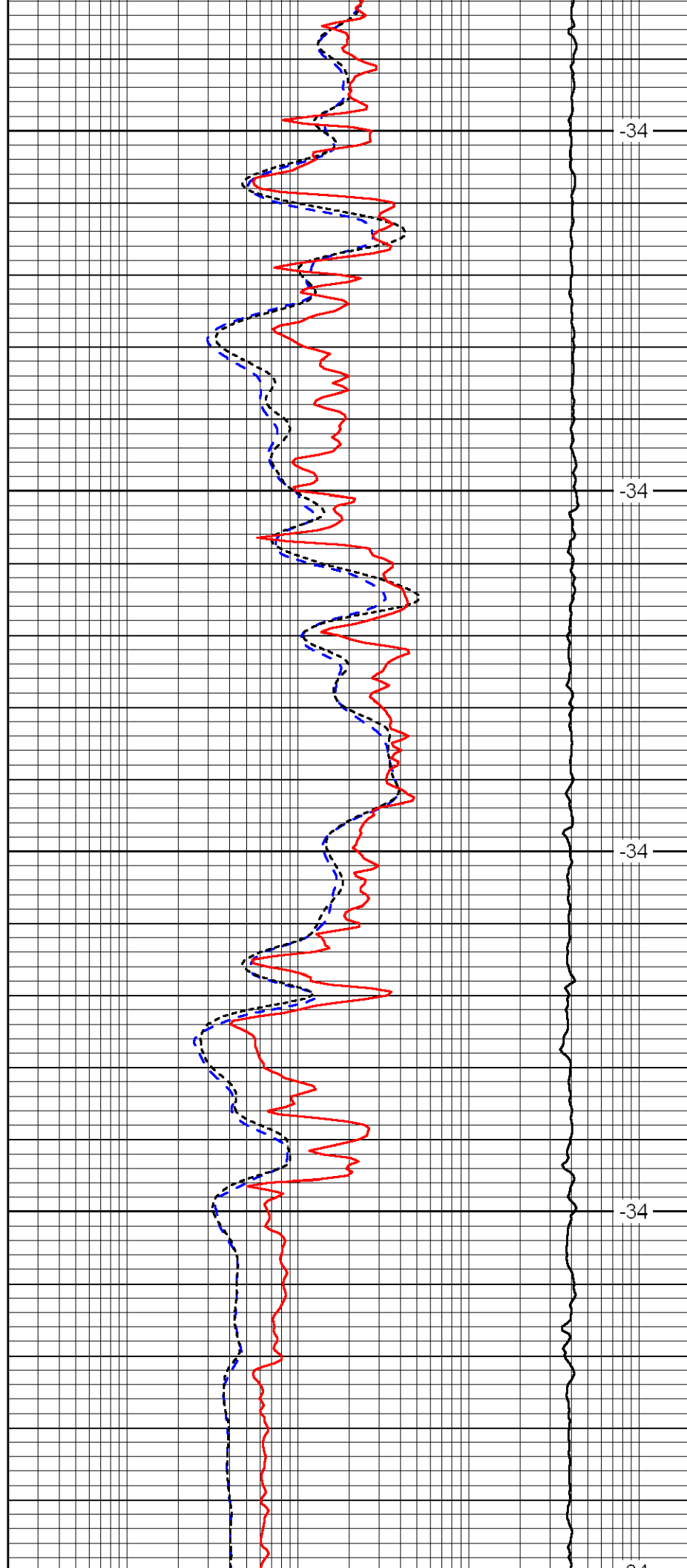
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2800

2850

2900

2950



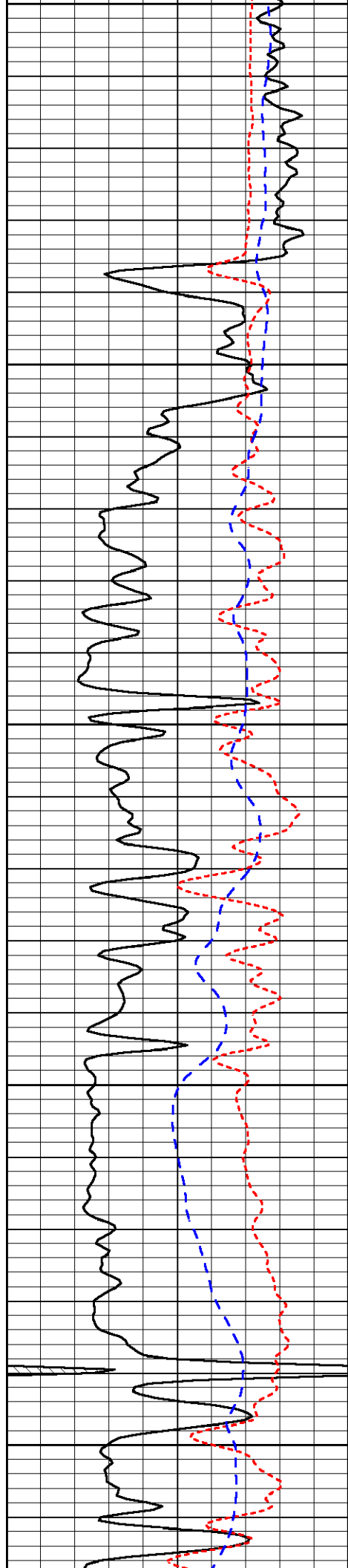
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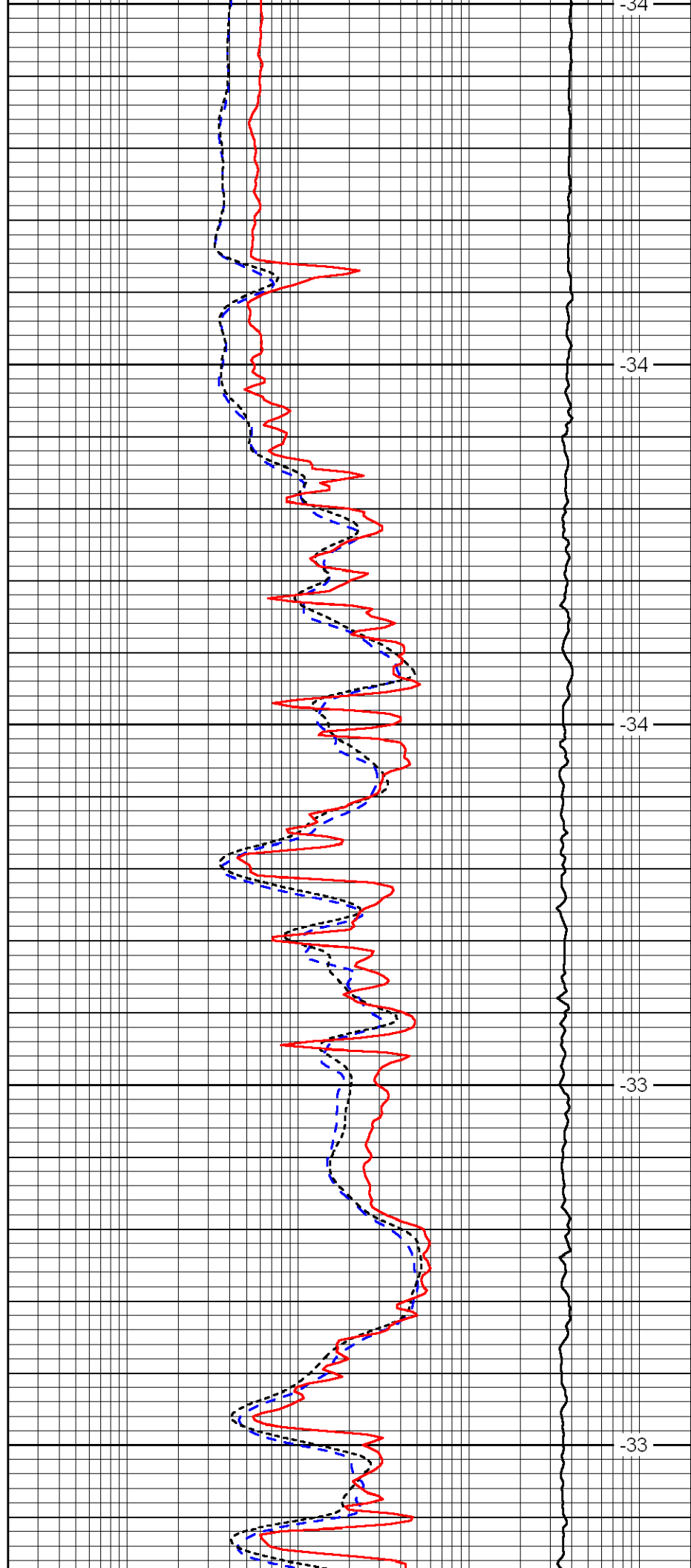
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3000

3050

3100

3150



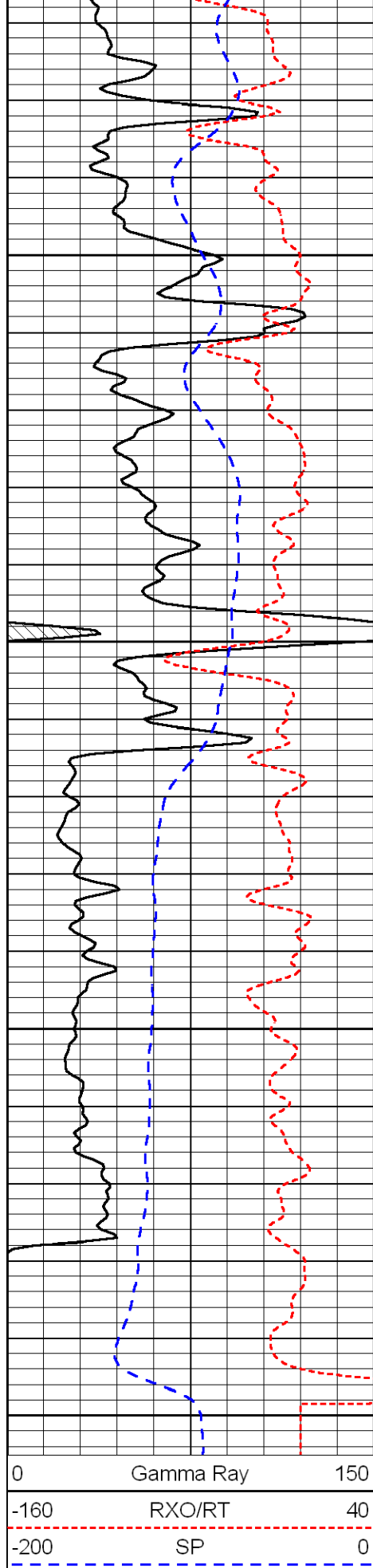
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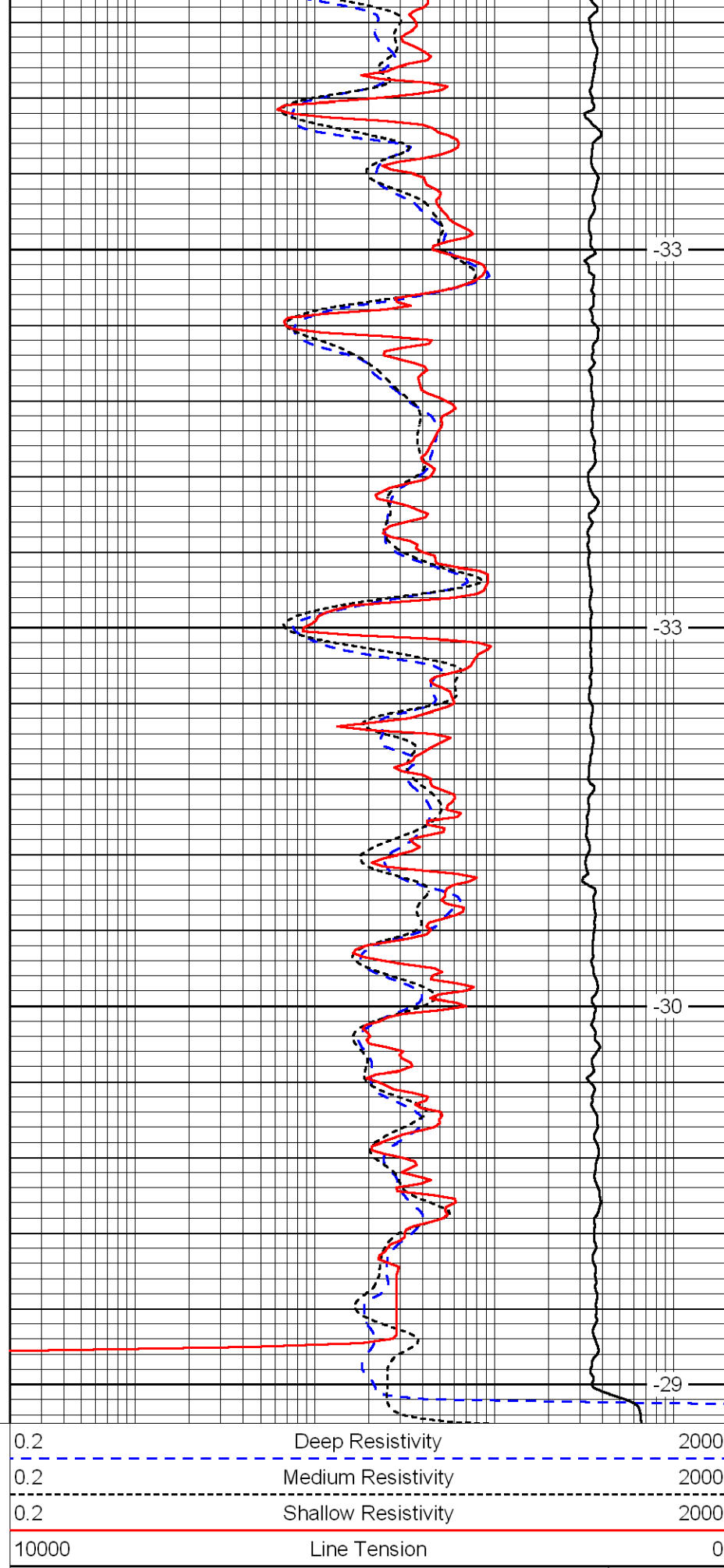
3200

3250

3300

3350

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



-33

-33

-30

-29

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

LSPD