



Dual Induction Log

Pioneer Energy Services

API No.

15-009-26,076-00-00

Company **RJM Company**

Well **Rupe-Woydziak Unit #1**

Field **Kraft-Prusa**

County **Barton** State **Kansas**

Location

**SE-NE-NE-NW
625' FNL & 2800' FEL**

Other Services
CNL/CDL
MEL

Sec: **36**

Twp: **16S**

Rge: **12W**

Elevation

K.B. 1939
D.F.
G.L. 1932

Permanent Datum **Ground Level** Elevation **1932**
Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Date

1/22/2015

Run Number

One

Depth Driller

3420

Depth Logger

3418

Bottom Logged Interval

3417

Top Log Interval

400

Casing Driller

8.625 @ 407

Casing Logger

404

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

10,000

Density / Viscosity

9.2 50

pH / Fluid Loss

9.0 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

.12 @ 58

Rmf @ Meas. Temp

.09 @ 58

Rmc @ Meas. Temp

.16 @ 58

Source of Rmf / Rmc

Charts

Rm @ BHT

.06 @ 110

Operating Rig Time

3 hours

Max Rec. Temp. F

110

Equipment Number

108

Location

Hays

Recorded By

D. Fischer

Witnessed By

J. Henrickson

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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 Pioneer Energy Services
www.pioneerres.com
785 625 3858

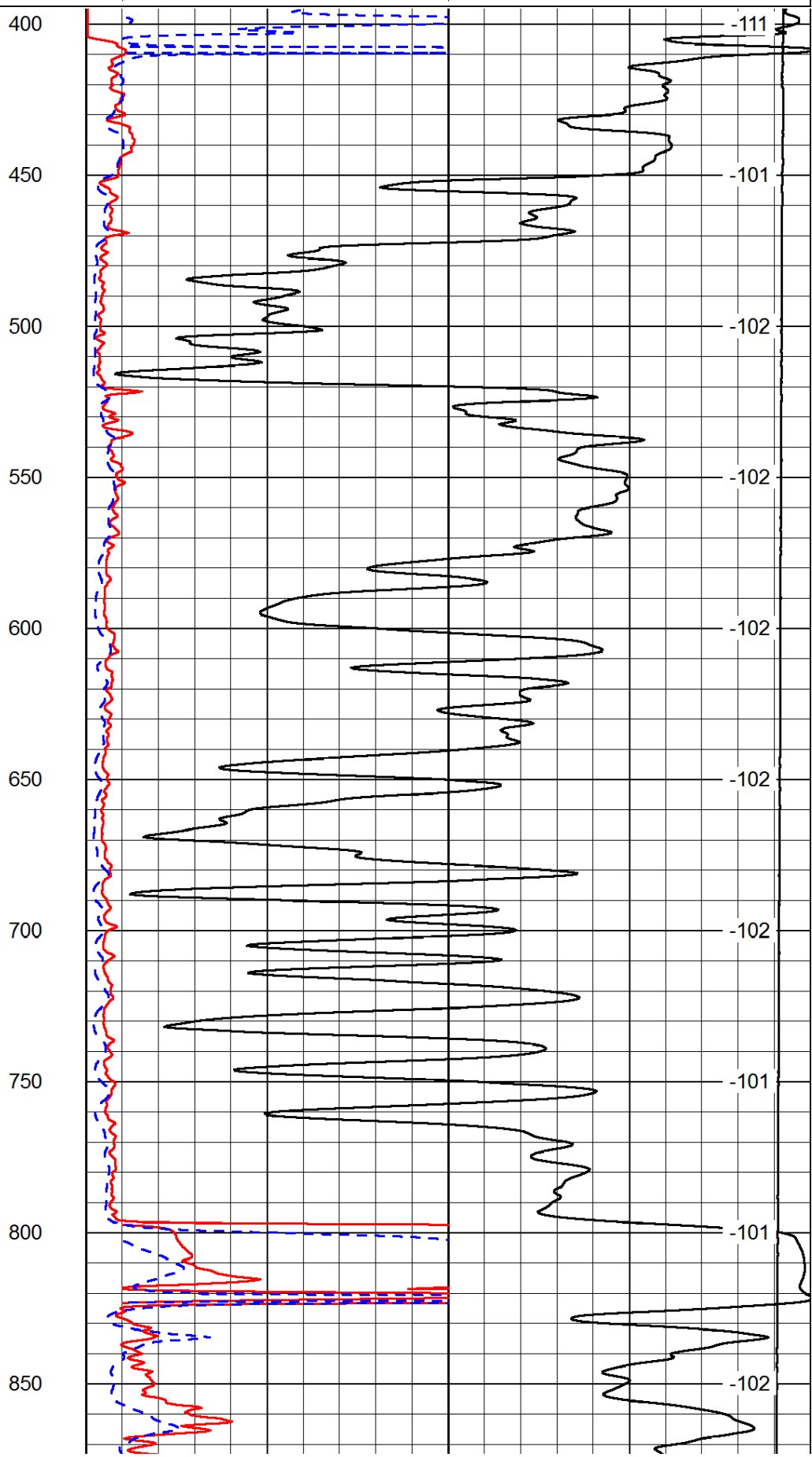
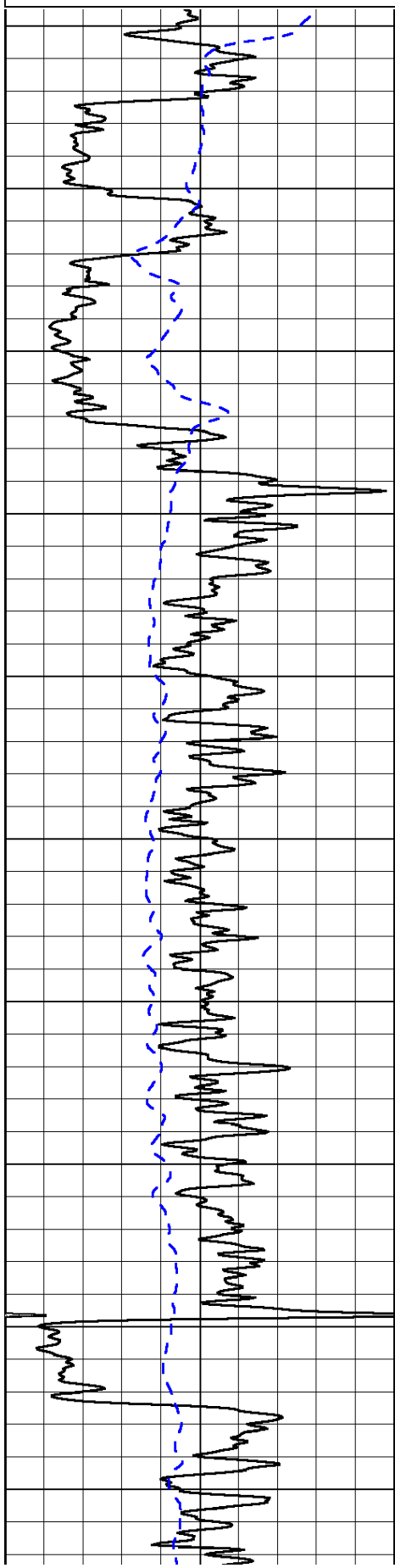
Odin Ks., 5 North, 3/4 East, South Into.

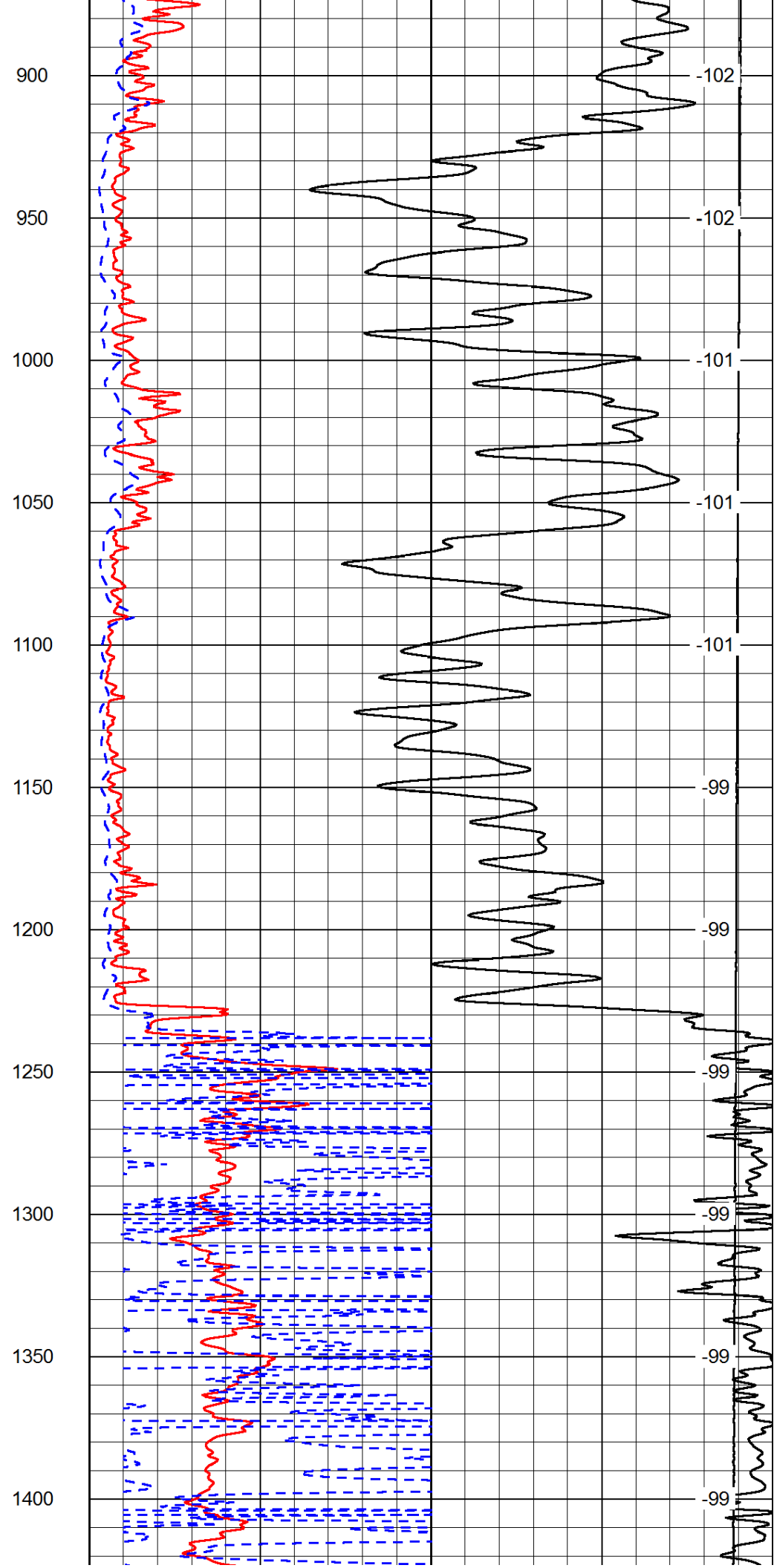
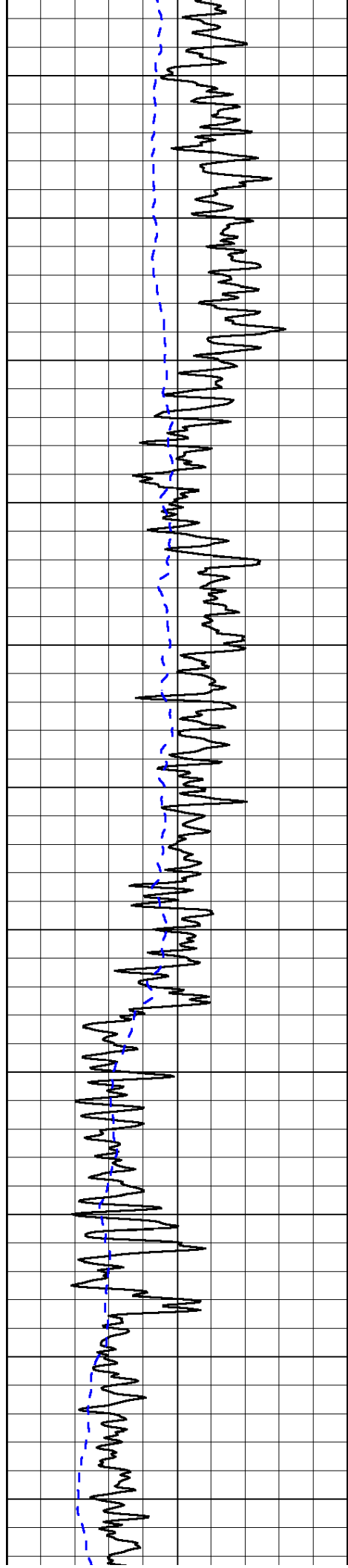
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Presentation Format: dil2in
Dataset Creation: Thu Jan 22 21:24:37 2015
Charted by: Depth in Feet scaled 1:600

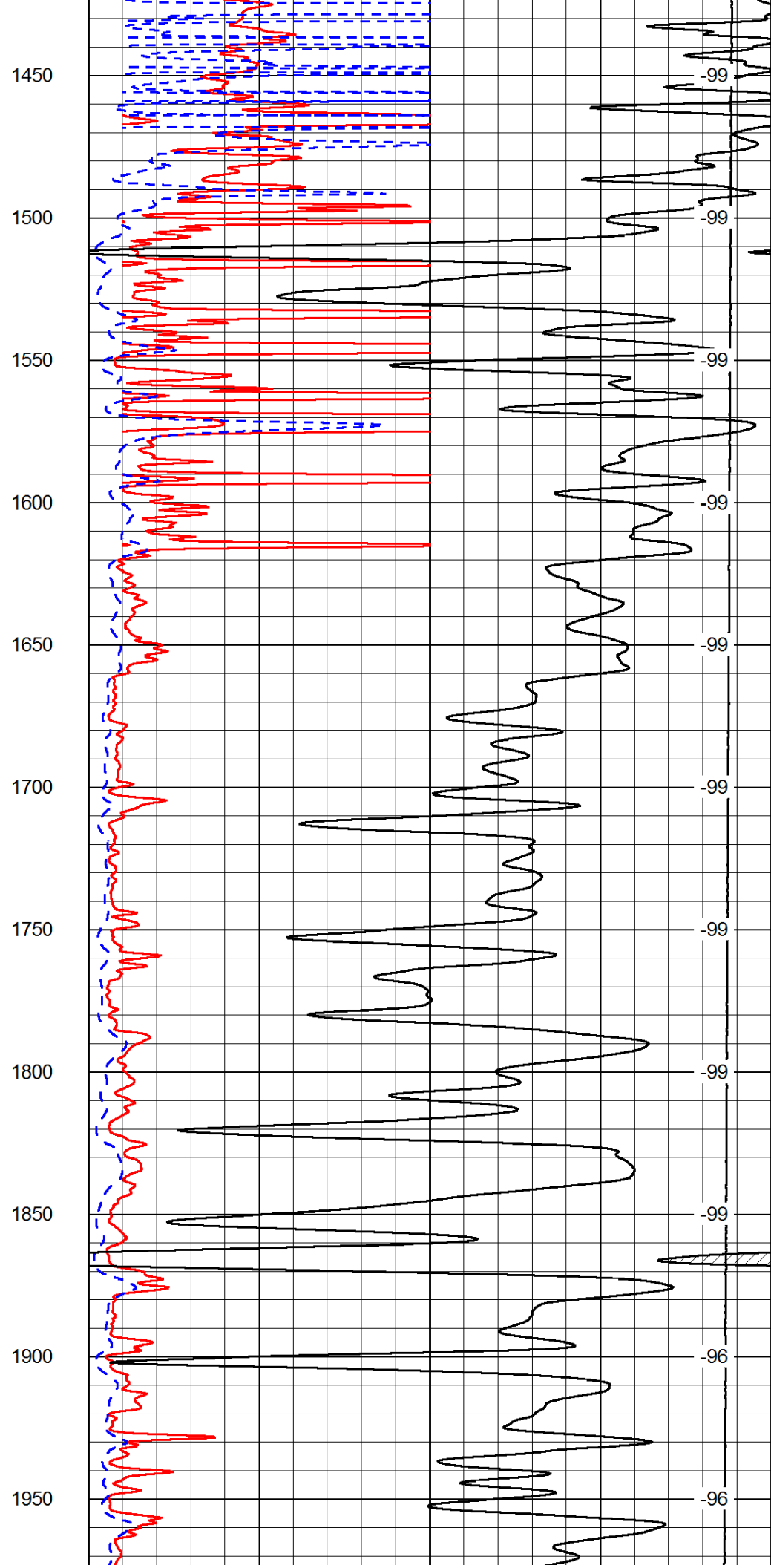
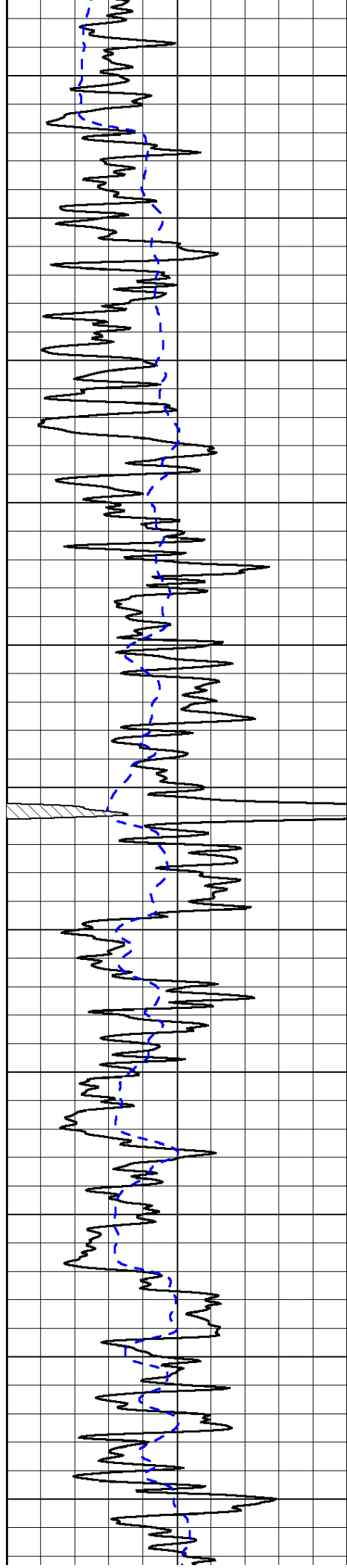
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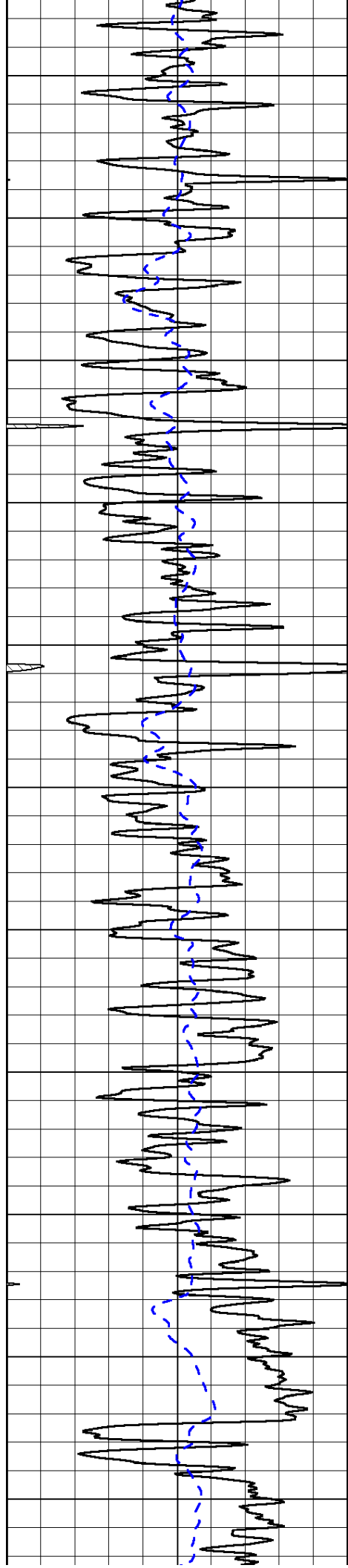
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

LSPD	0
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2000

2050

2100

2150

2200

2250

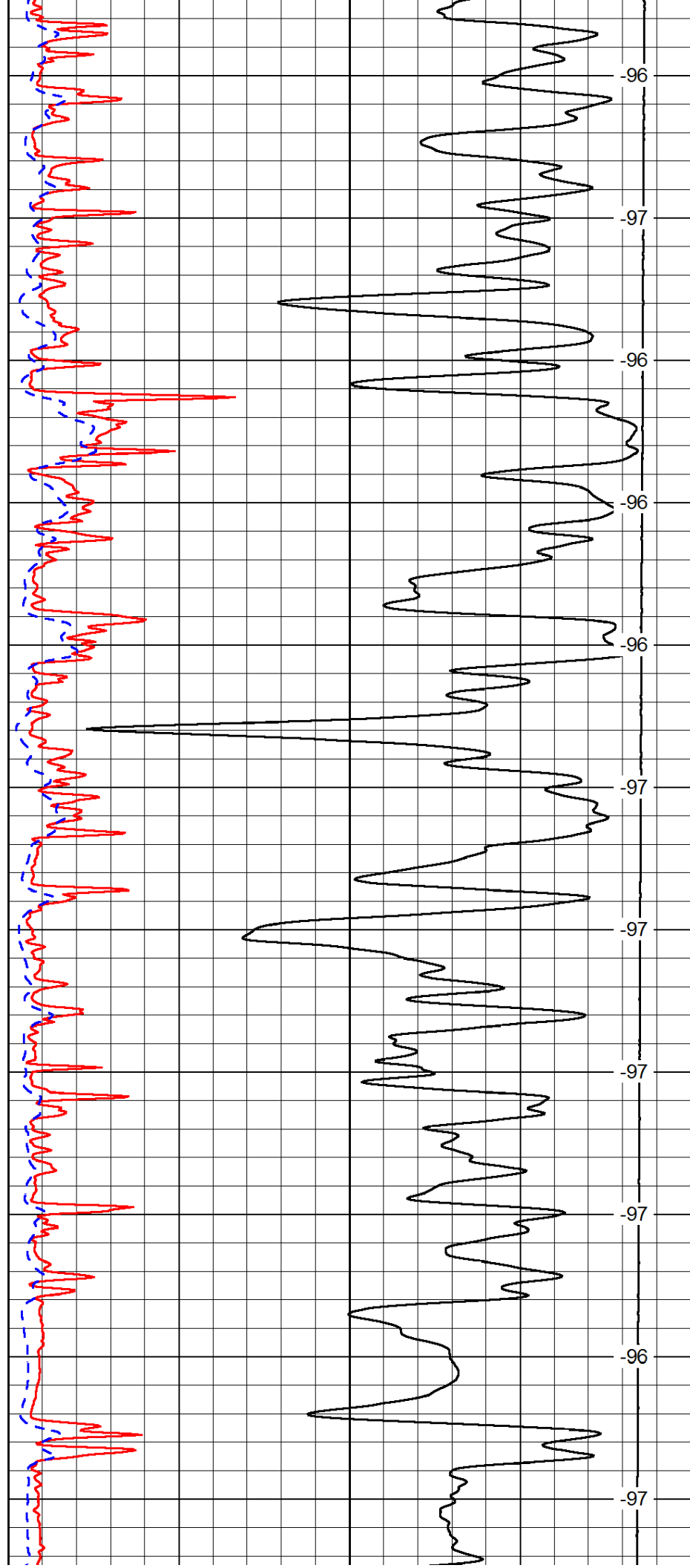
2300

2350

2400

2450

2500



-96

-97

-96

-96

-96

-97

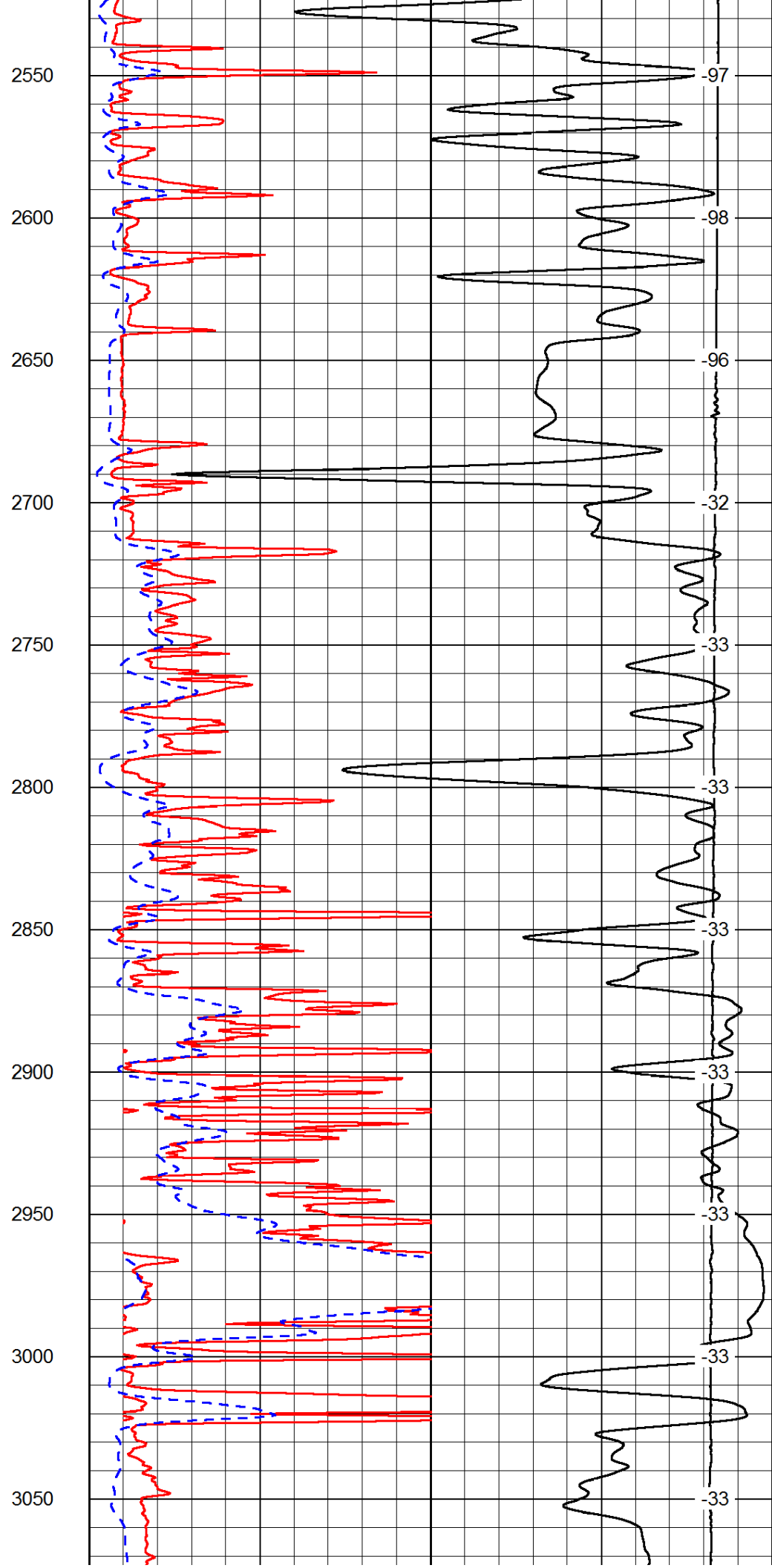
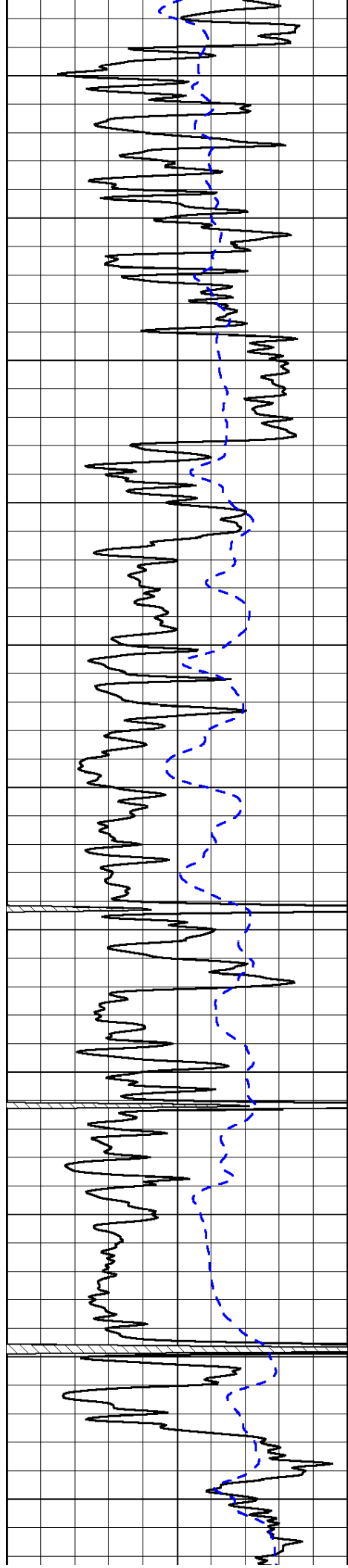
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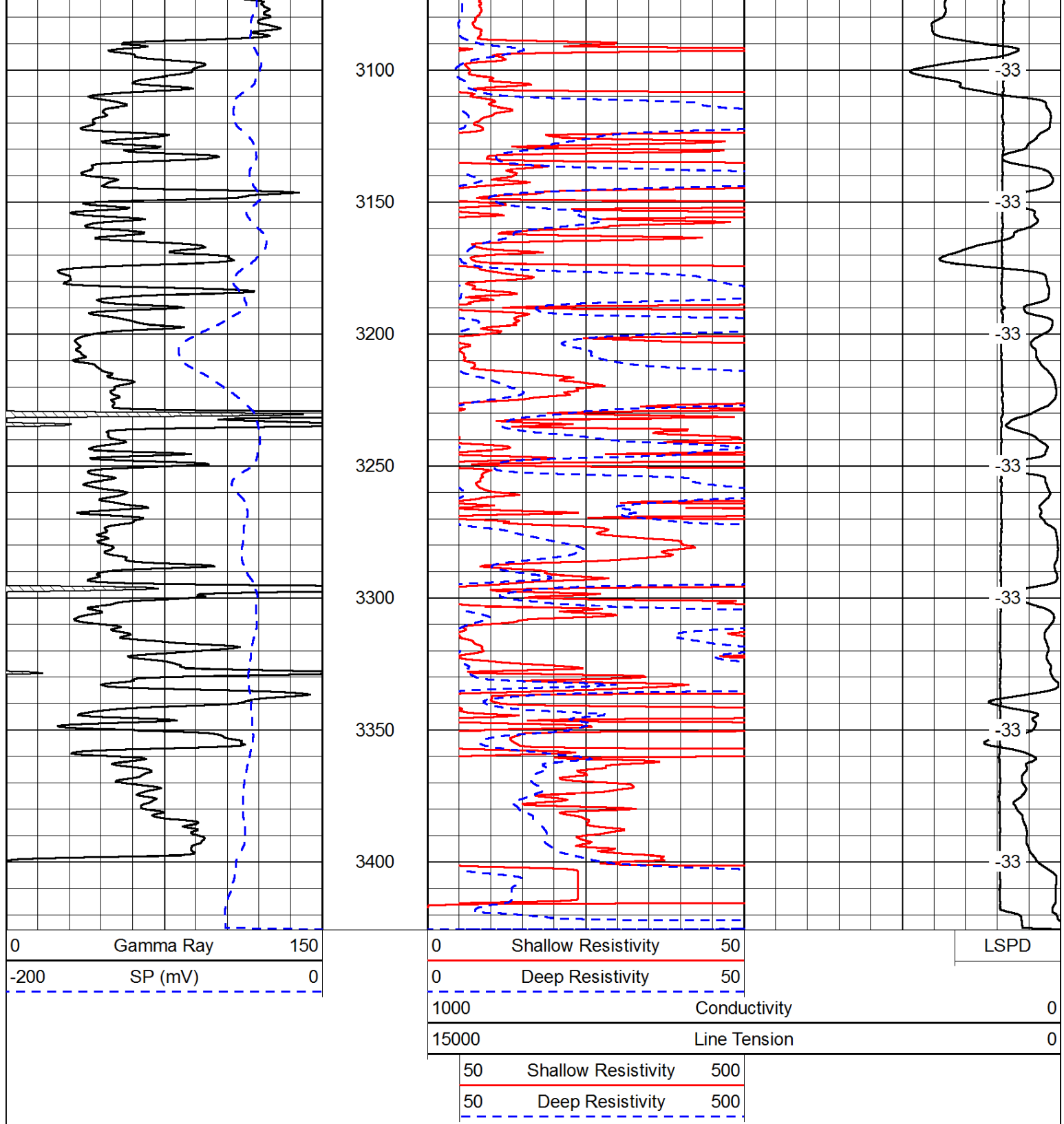
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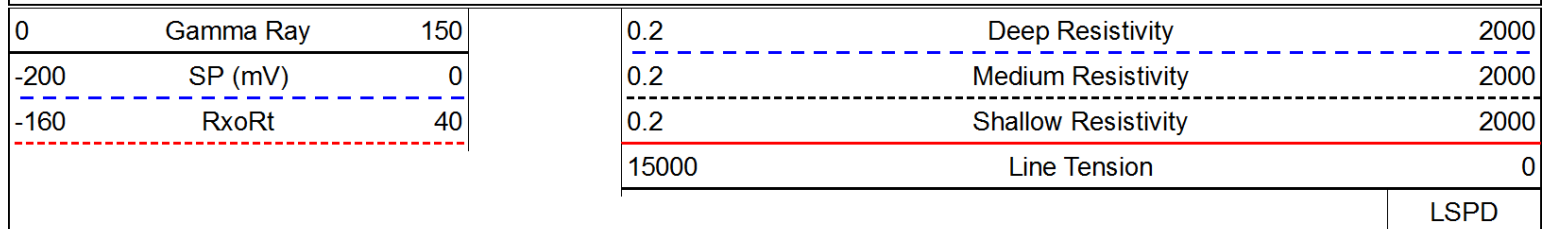
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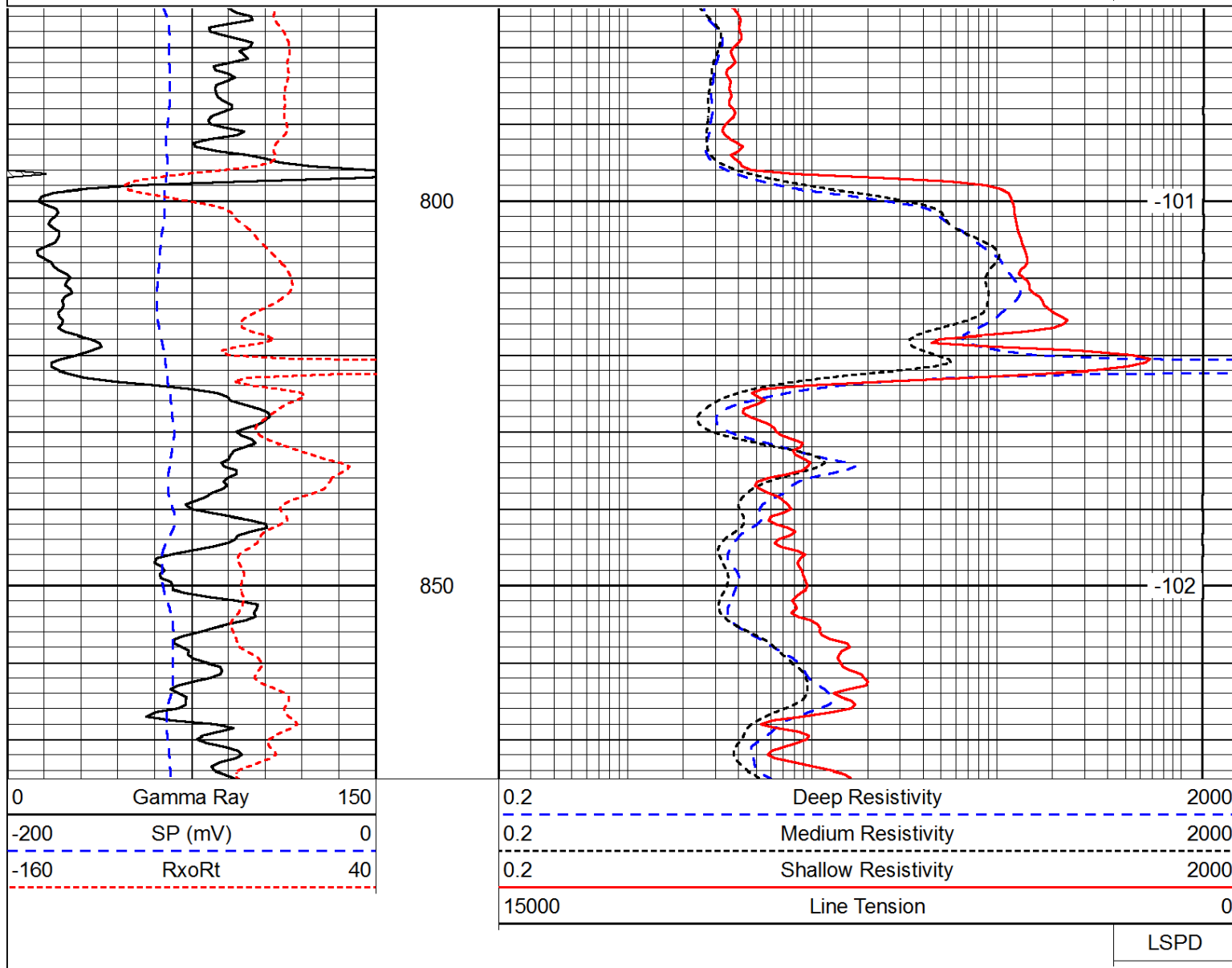
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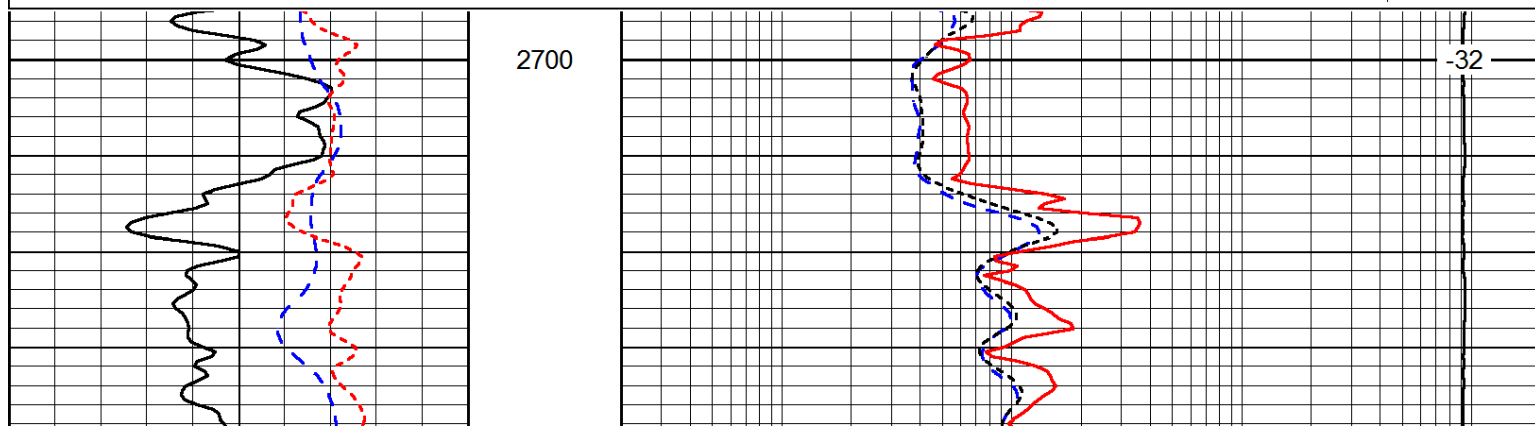
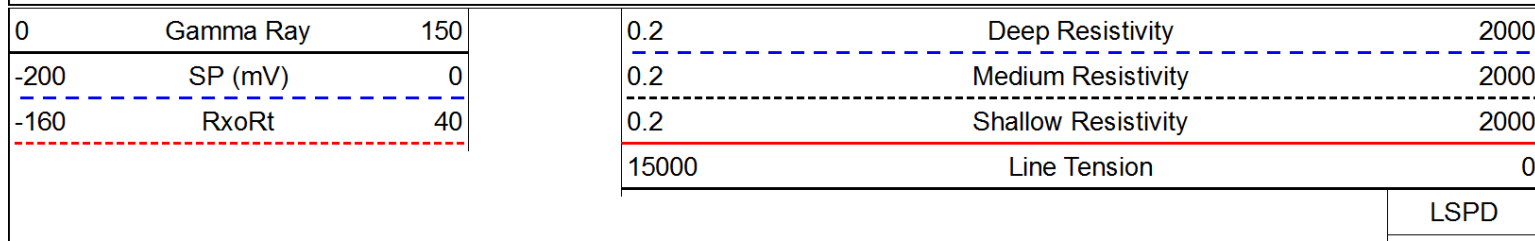


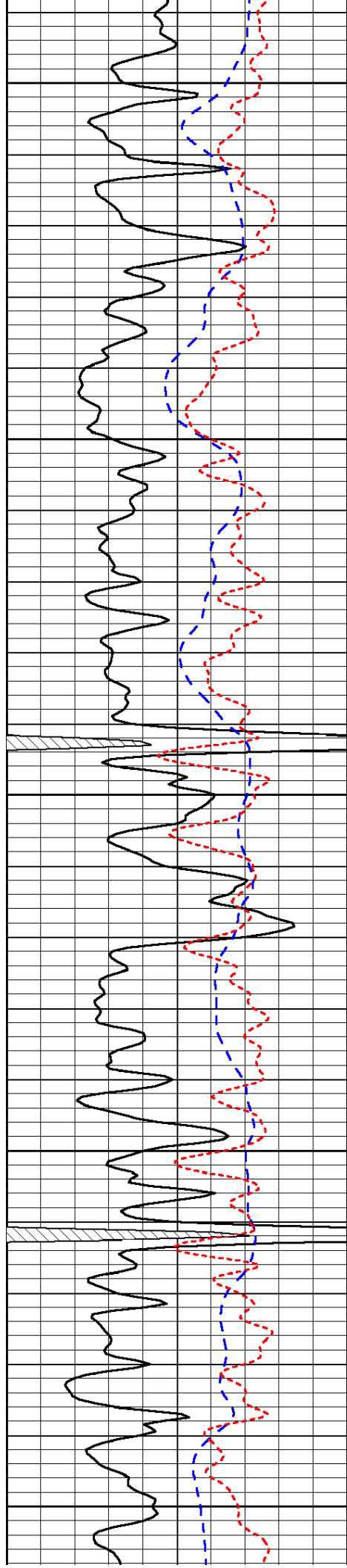
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 Presentation Format: dil
 Dataset Creation: Thu Jan 22 21:24:37 2015
 Charted by: Depth in Feet scaled 1:240





Database File: c:\warrior\data\rjm company_rupe-woydziaak unit #1\rjm_rupe-woydziaak_1hd.db
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 Presentation Format: dil
 Dataset Creation: Thu Jan 22 21:24:37 2015
 Charted by: Depth in Feet scaled 1:240





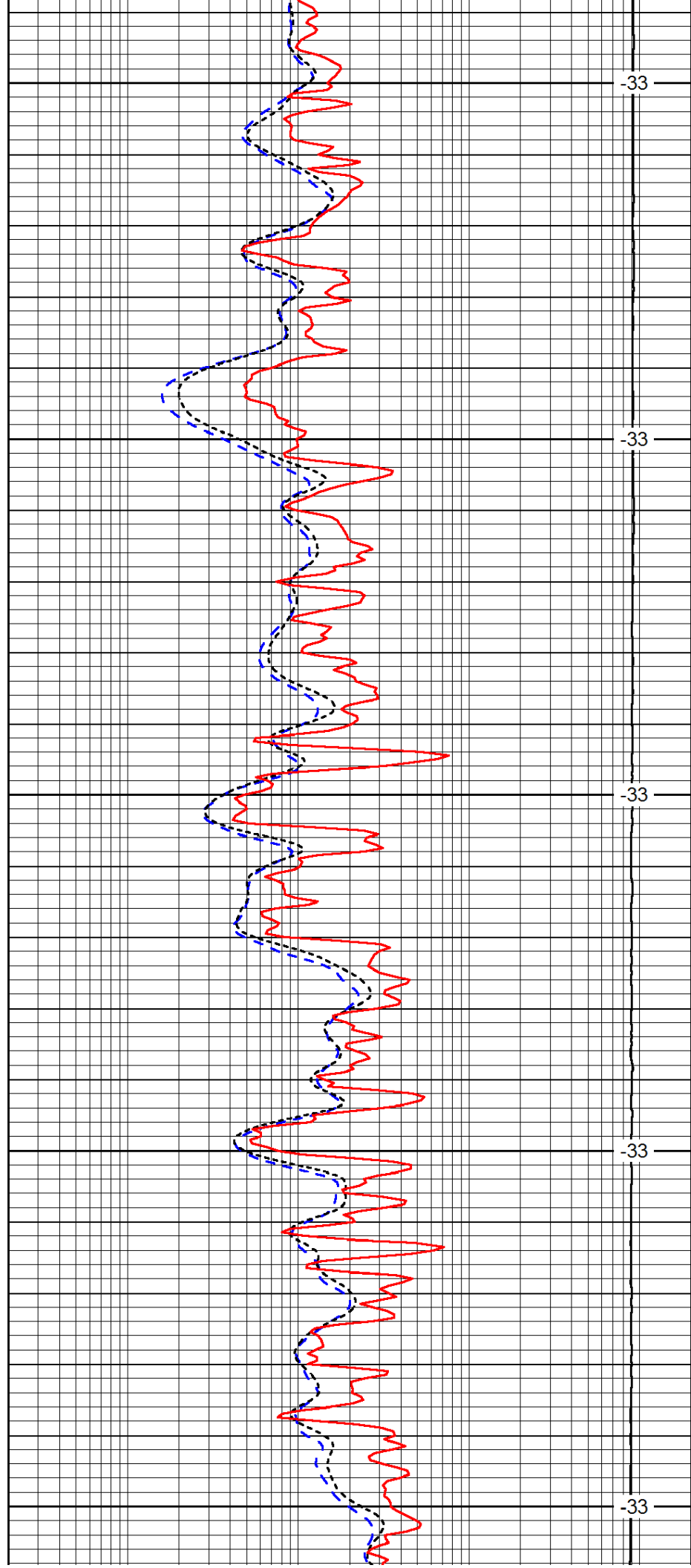
2750

2800

2850

2900

2950



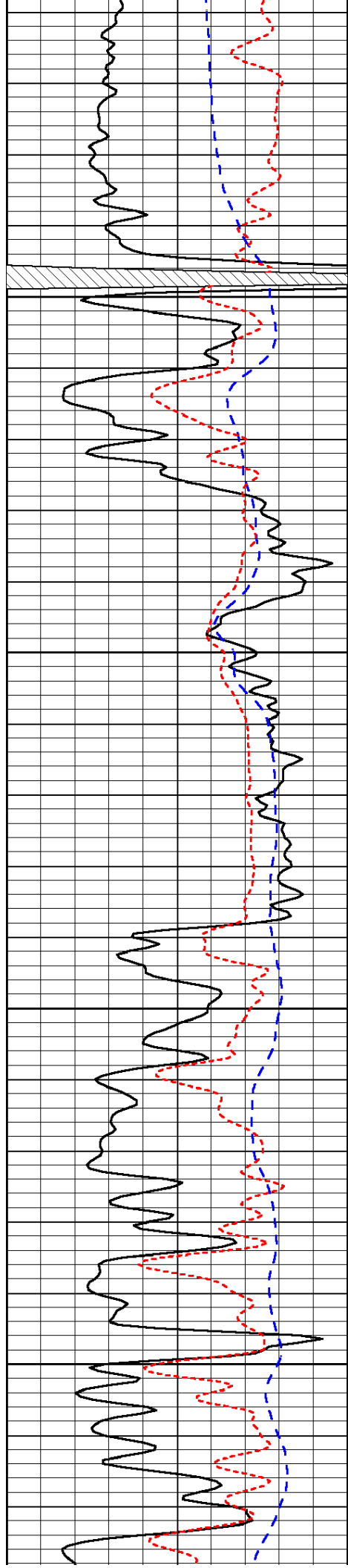
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-33

-33

-33

-33

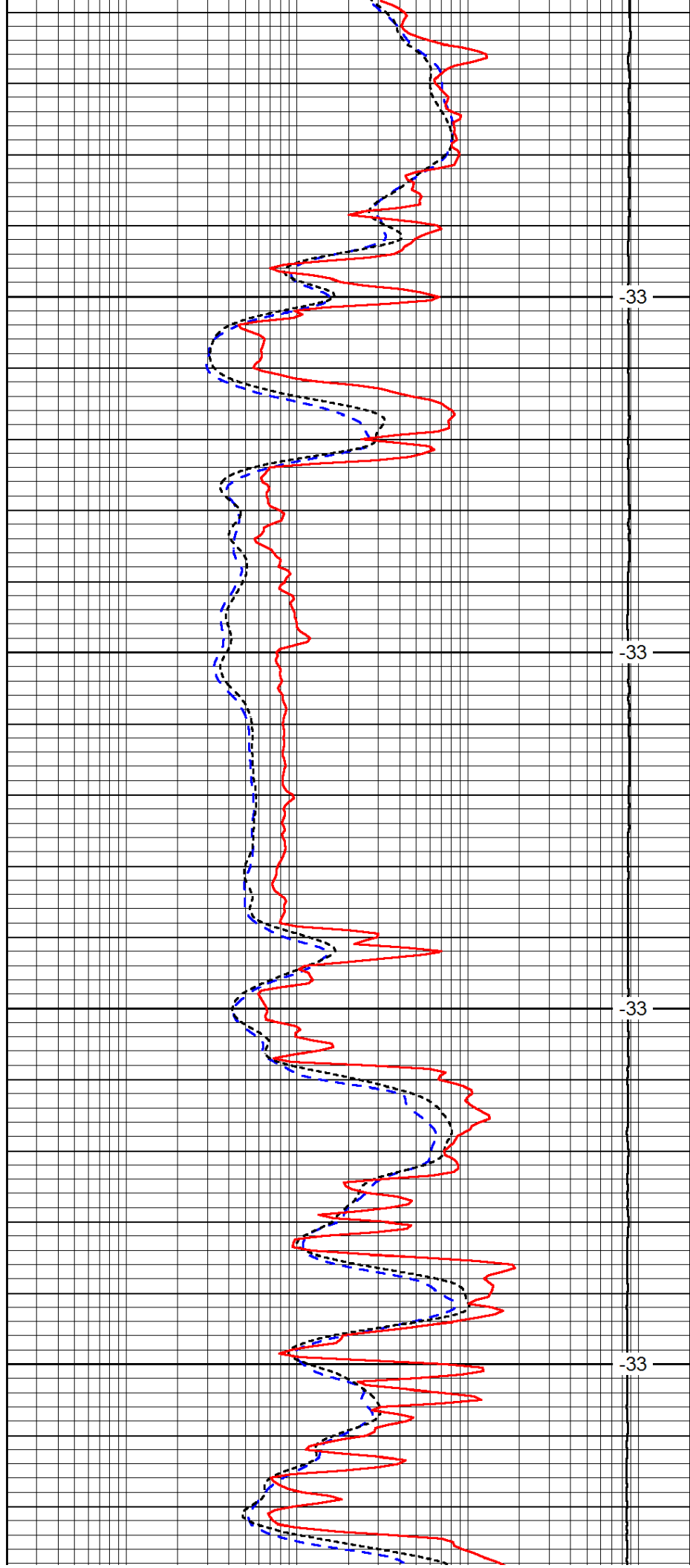


3000

3050

3100

3150

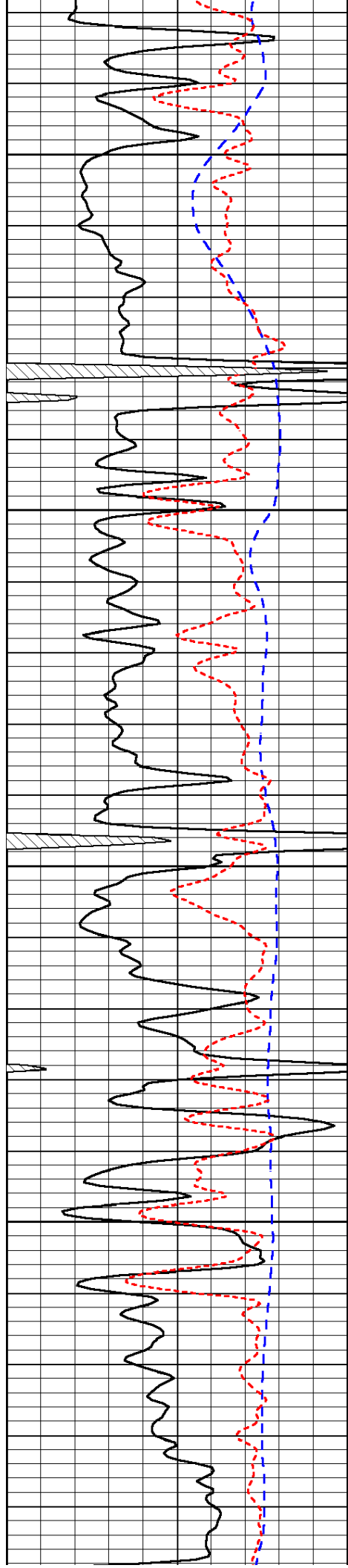


-33

-33

-33

-33

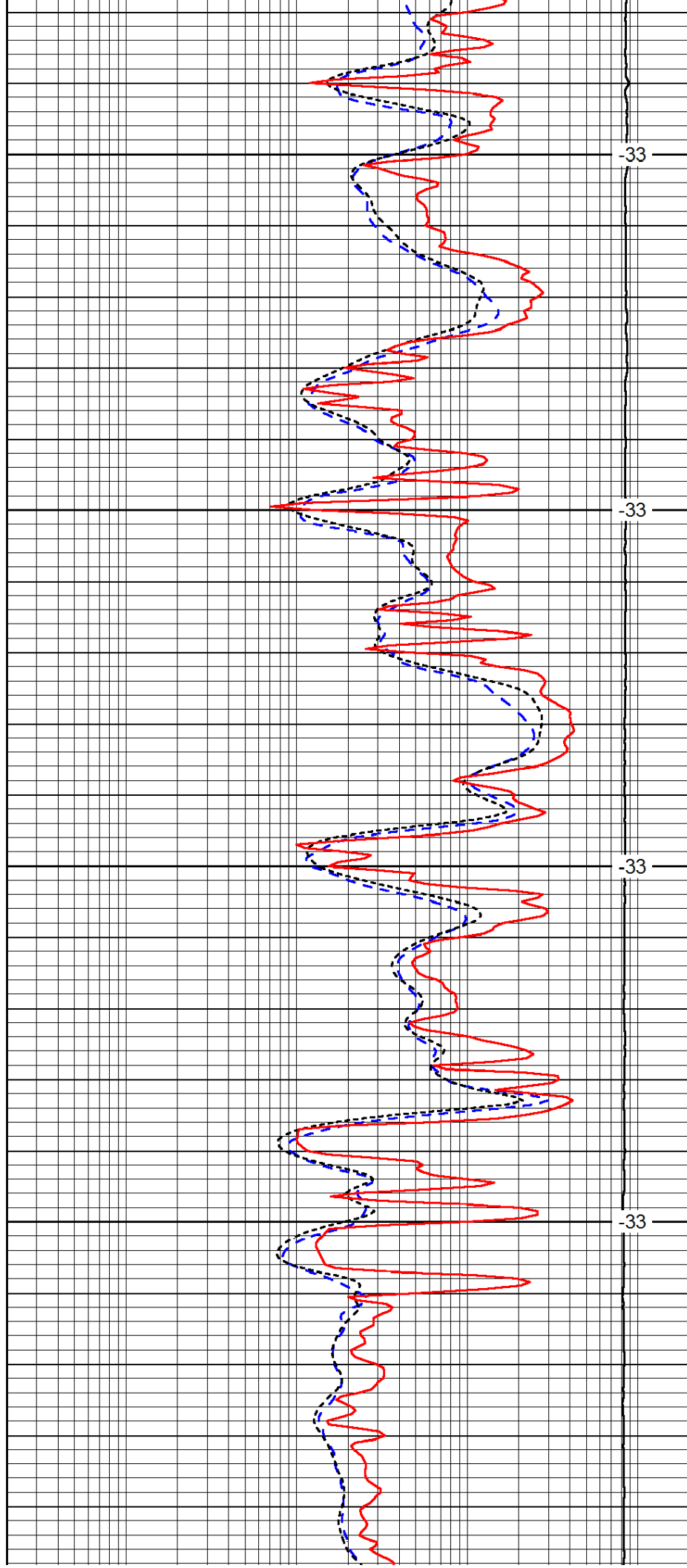


3200

3250

3300

3350

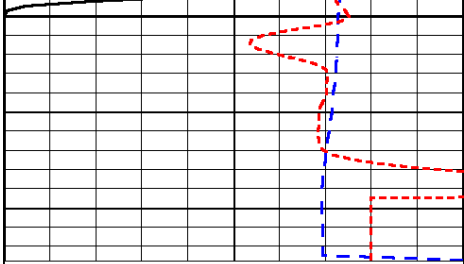


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-33

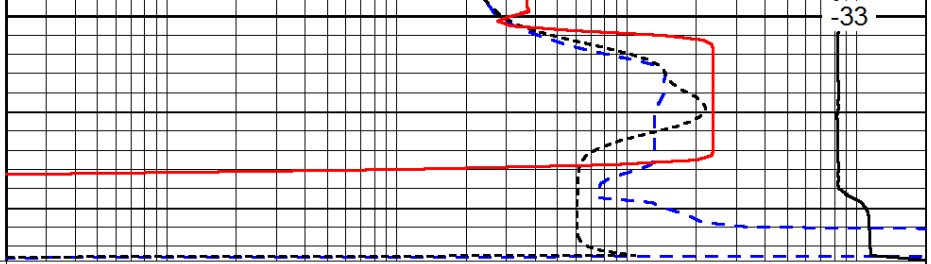
-33

-33



0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3400



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD