

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

15-163-23,816-00-00

Company Mikol Oil LLC

Well Richmond No. 1 - 27

Field Colby-East

County Rooks

State

Kansas

Location

W/2 - SW - SE
510' FSL & 2296' FEL

Sec: 27

Twp: 10 S

Rge: 17 W

Other Services
CNL/CDL
MEL/BHCS

Elevation

Permanent Datum Ground Level Elevation 1985
Log Measured From Kelly Bushing 6 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1991
D.F. 1985
G.L. 1985

Date 8/7/2009

Run Number One

Depth Driller 3630

Depth Logger 3630

Bottom Logged Interval 3629

Top Log Interval 200

Casing Driller 8.625 @ 218

Casing Logger 212

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3.800

Density / Viscosity 9.3 47

pH / Fluid Loss 10.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.10 @ 80

Rmf @ Meas. Temp 0.83 @ 80

Rmc @ Meas. Temp 1.49 @ 80

Source of Rmf / Rmc Charts

Rm @ BHT 0.78 @ 112

Operating Rig Time 5 Hours

Max Rec. Temp. F 112

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By Ed Glassman

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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

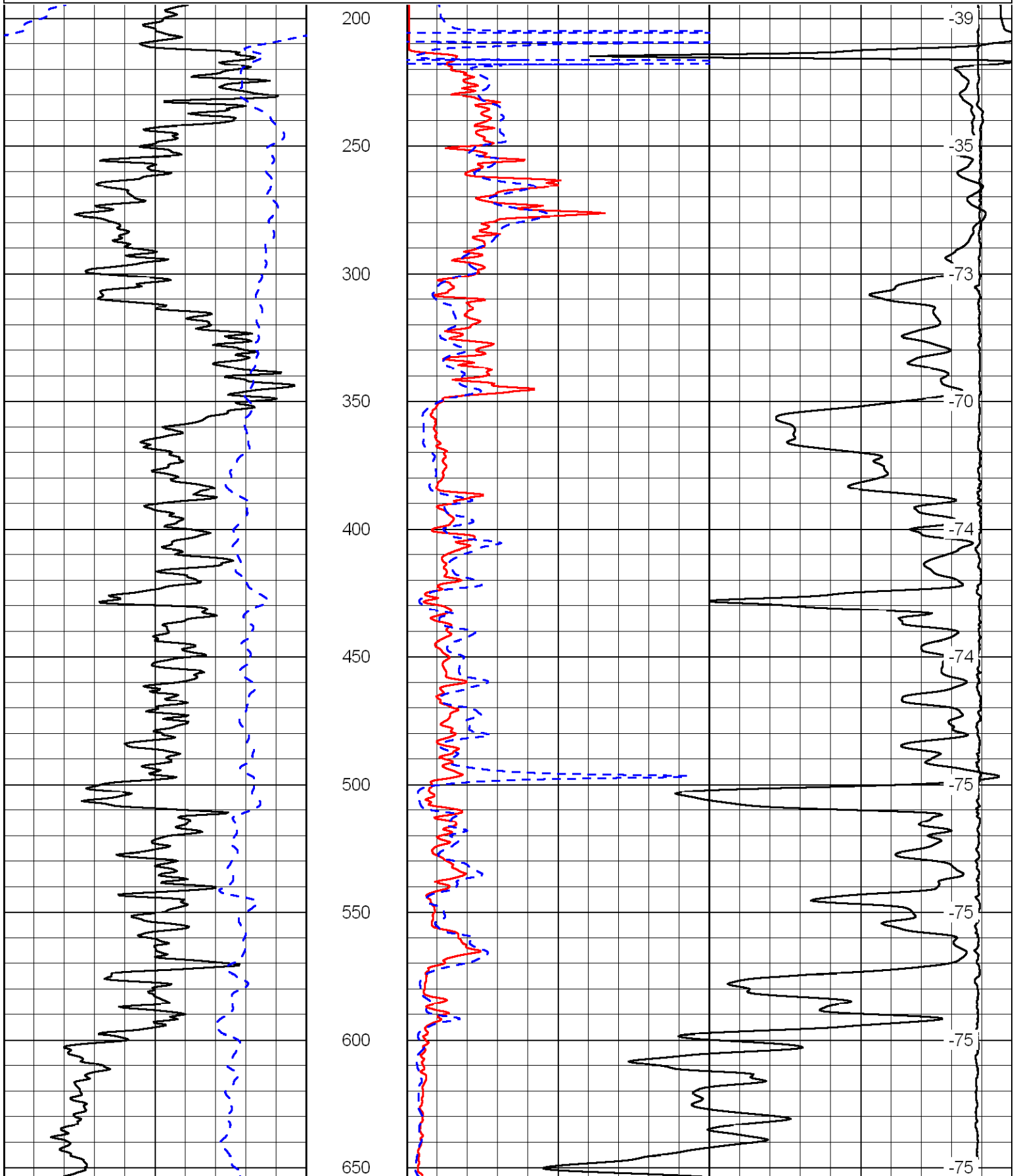
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Hays, Ks; North to Saline River Rd; 5 East to 310th;
3 North and Northwest; Northeast Into

Database File: c:\warrior\data\mikol_richmond no. 1 - 27\mikolhd.db
Dataset Pathname: DIL\mikolstk
Presentation Format: dil2in
Dataset Creation: Fri Aug 07 13:48:56 2009
Charted by: Depth in Feet scaled 1:600

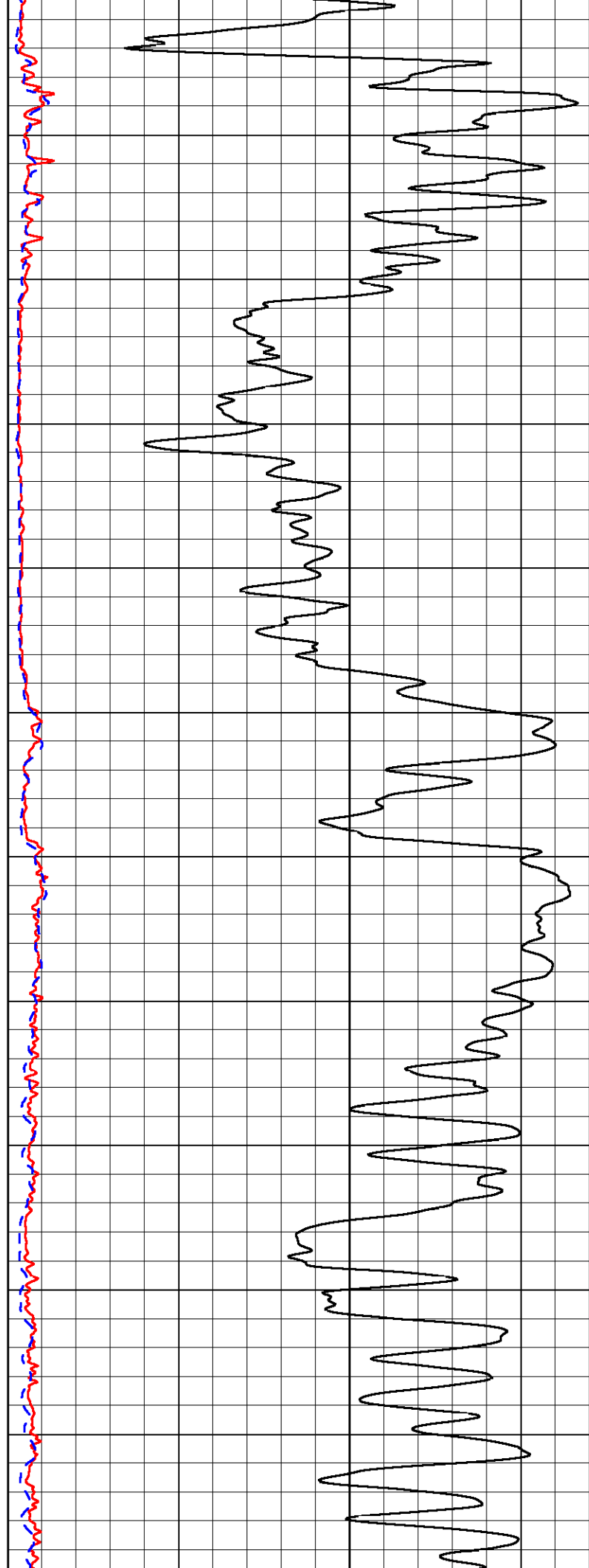
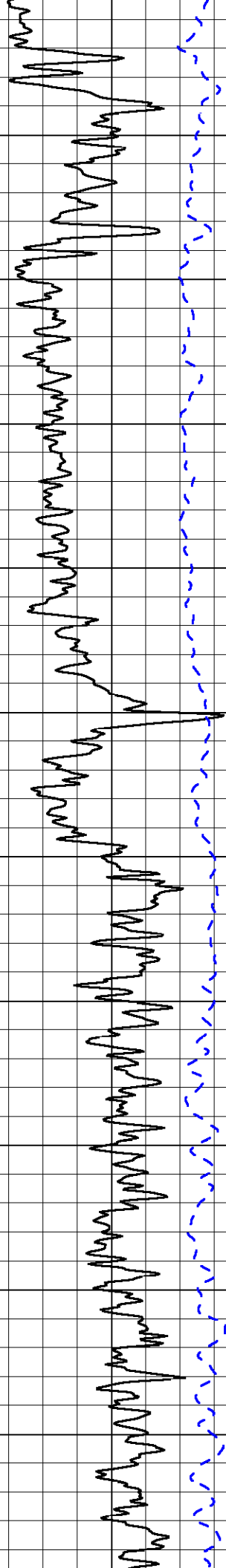
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-200	SP (MV)	0

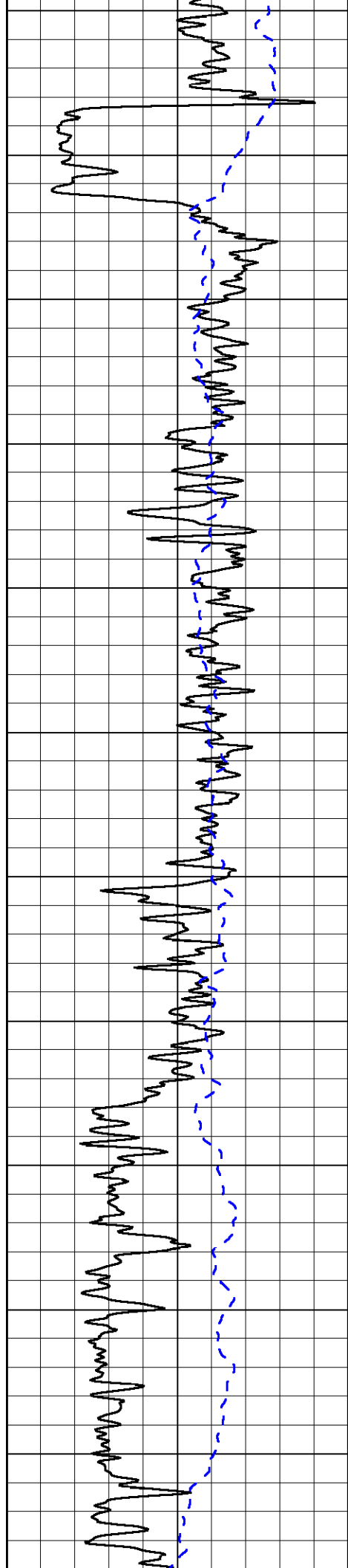
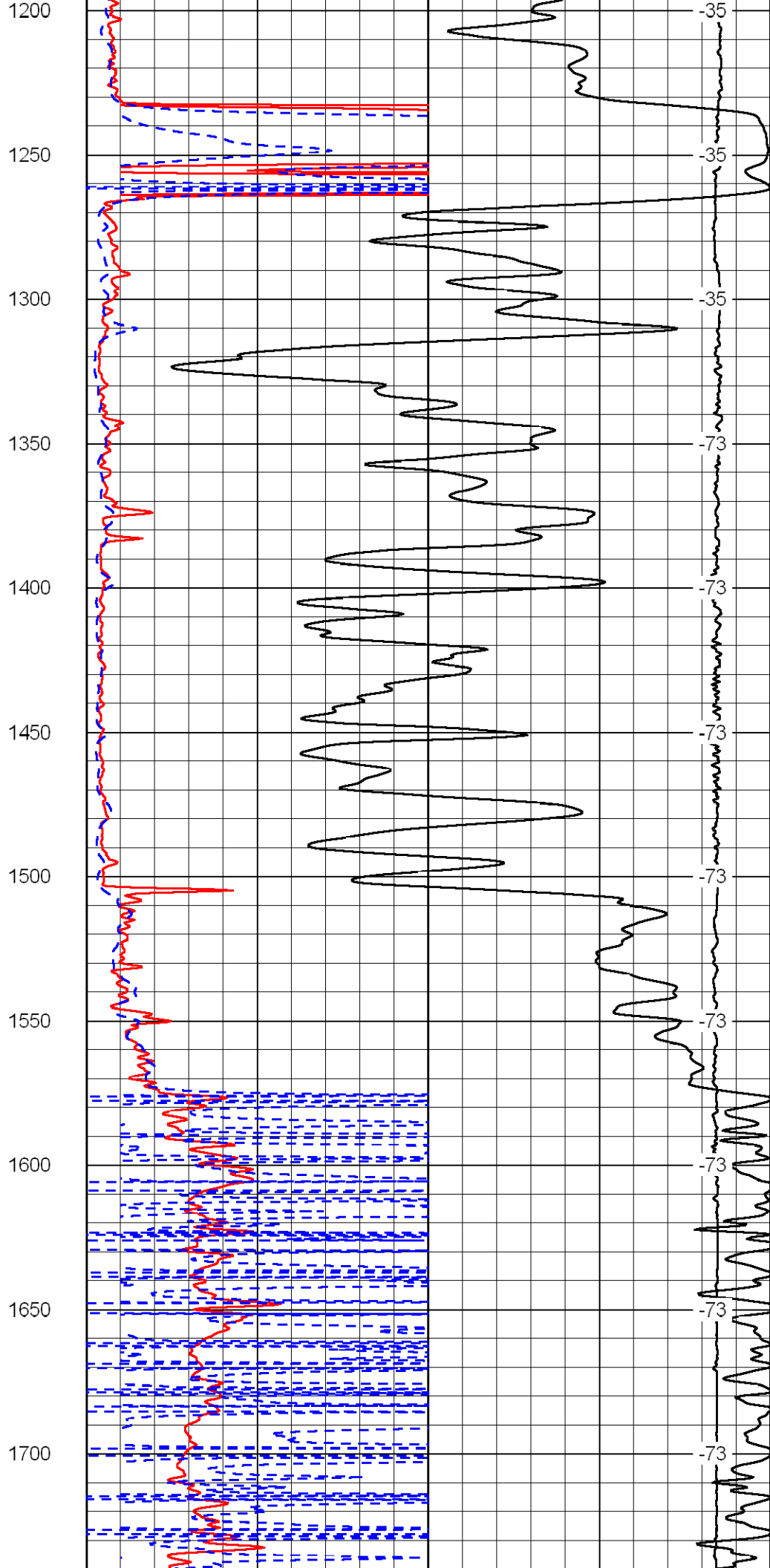
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0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

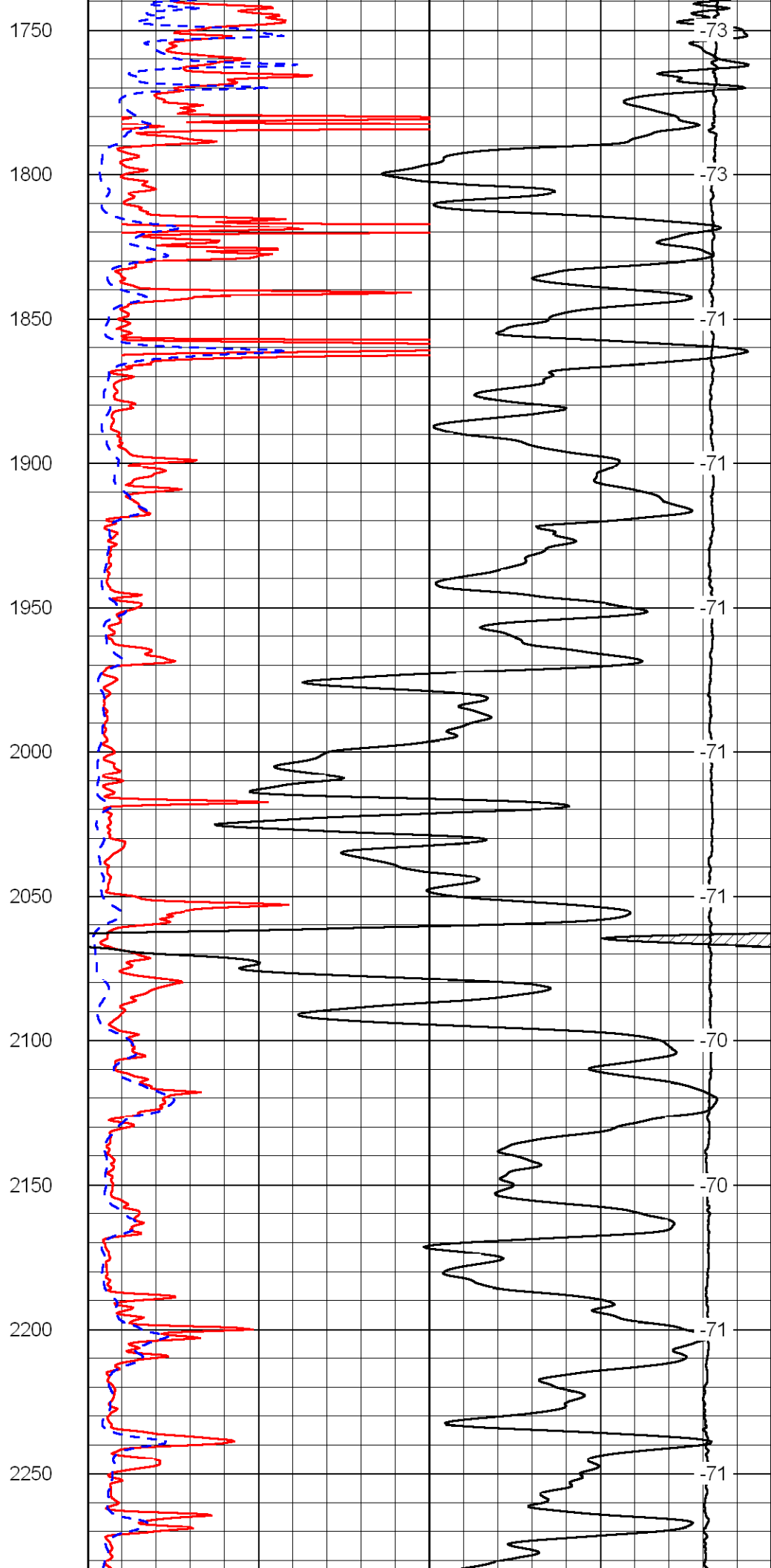
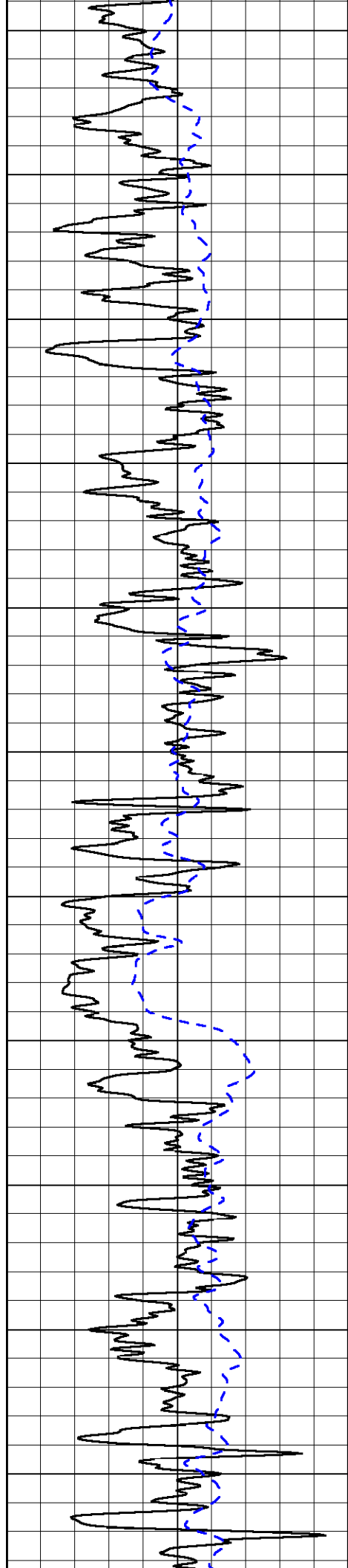


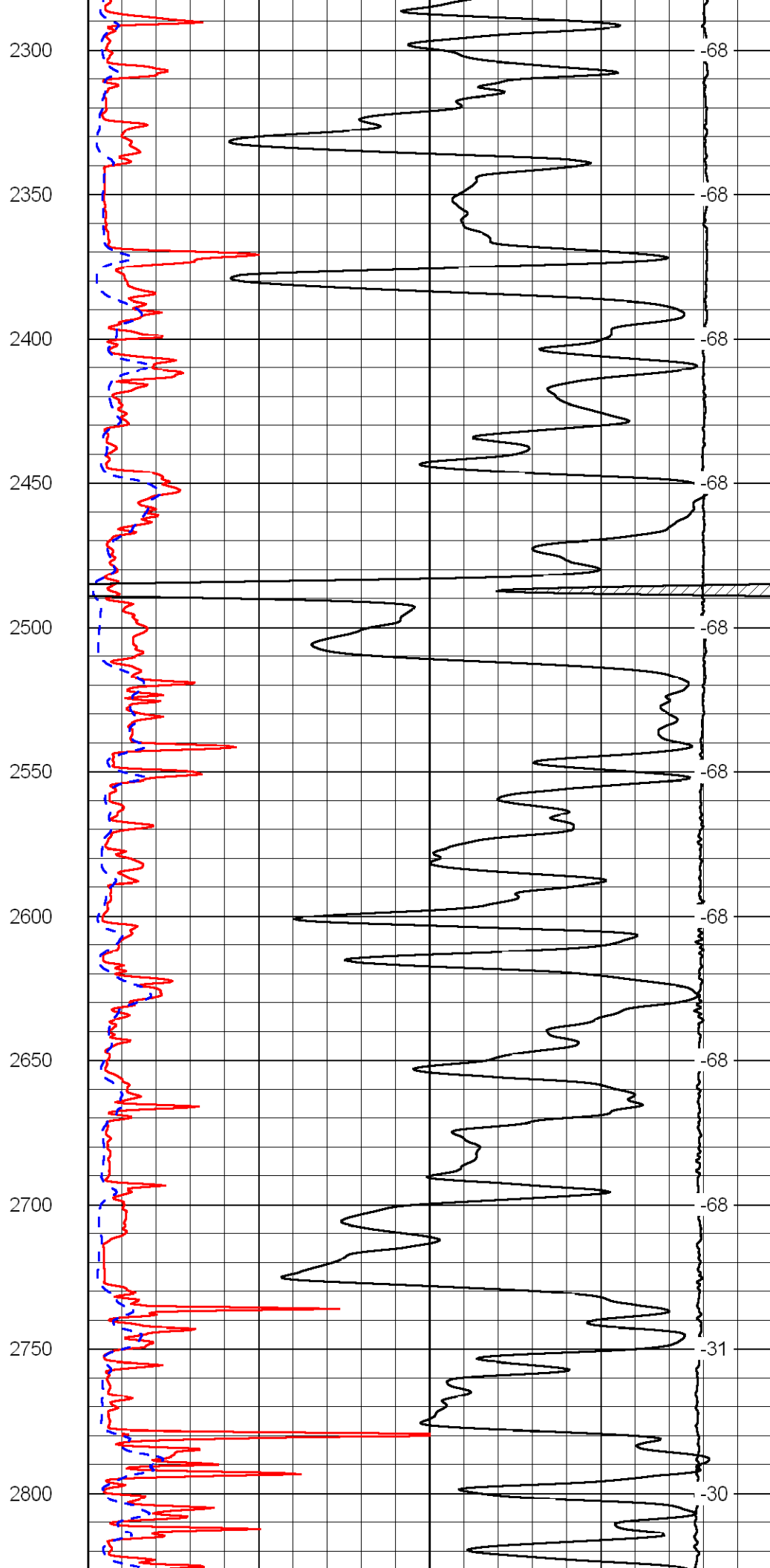
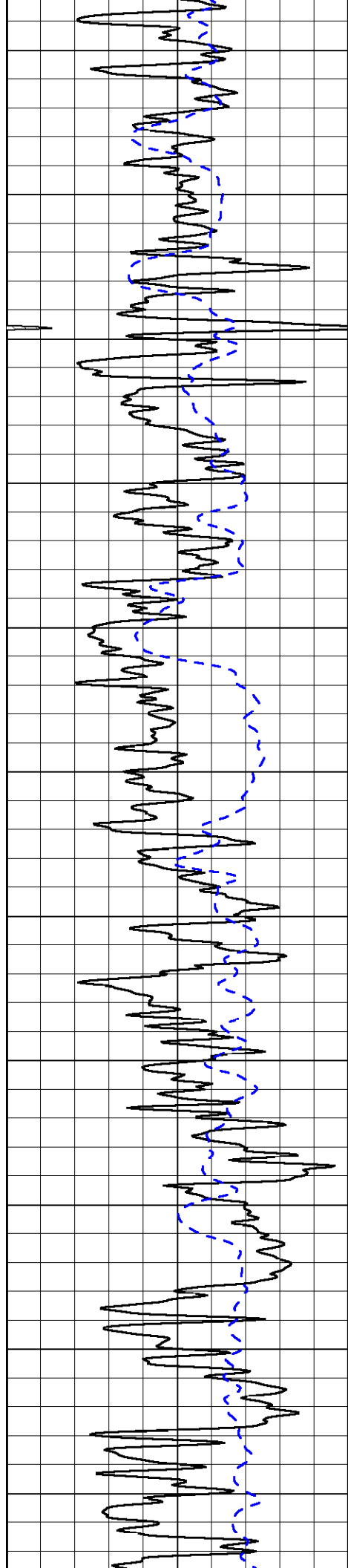
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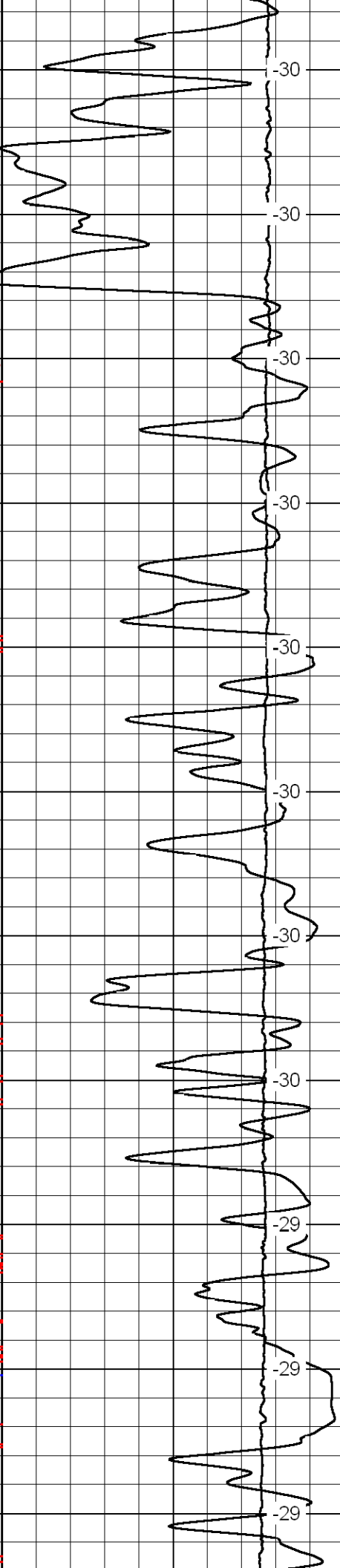
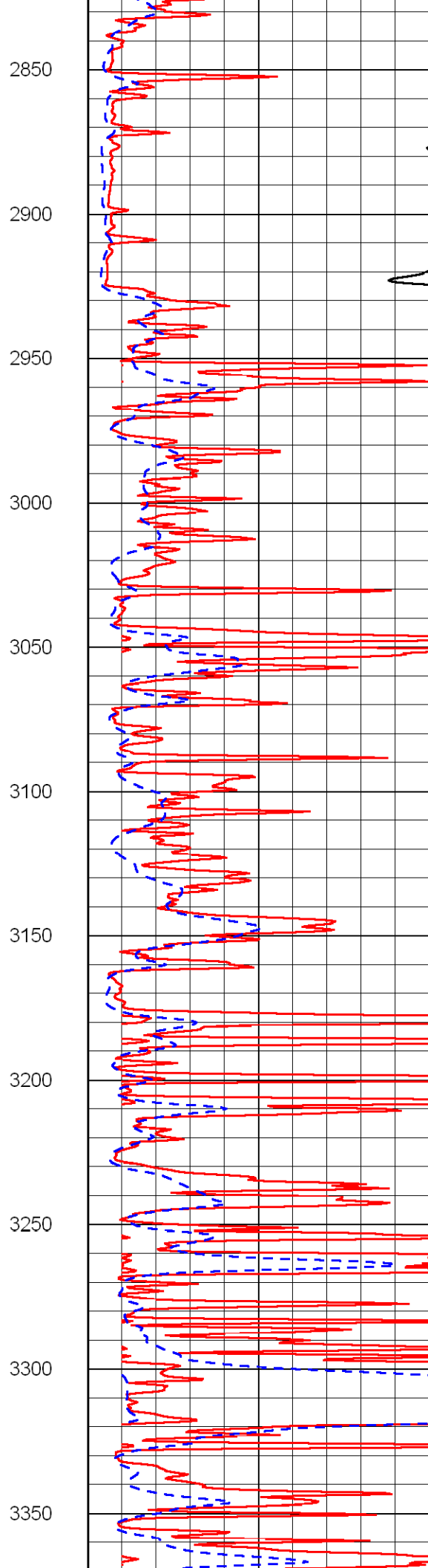
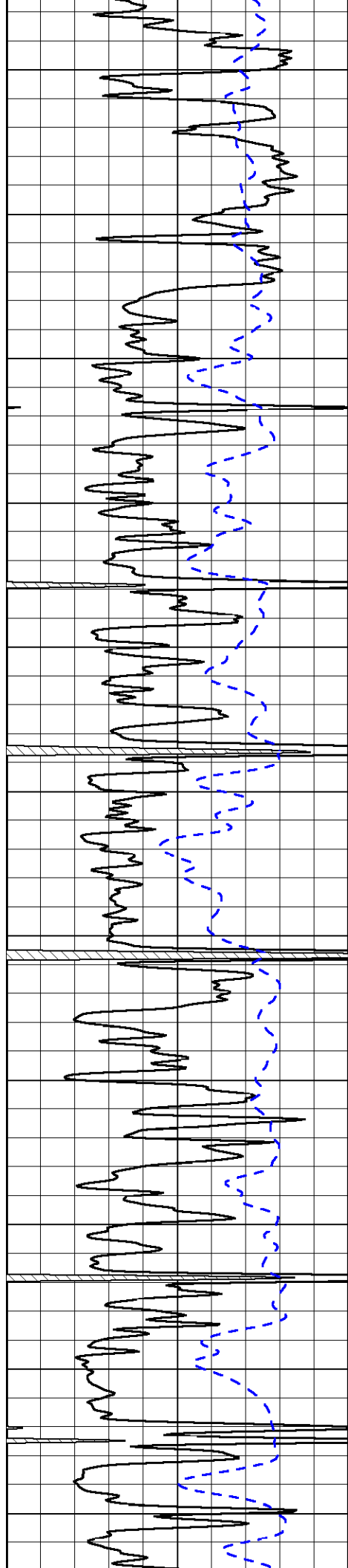
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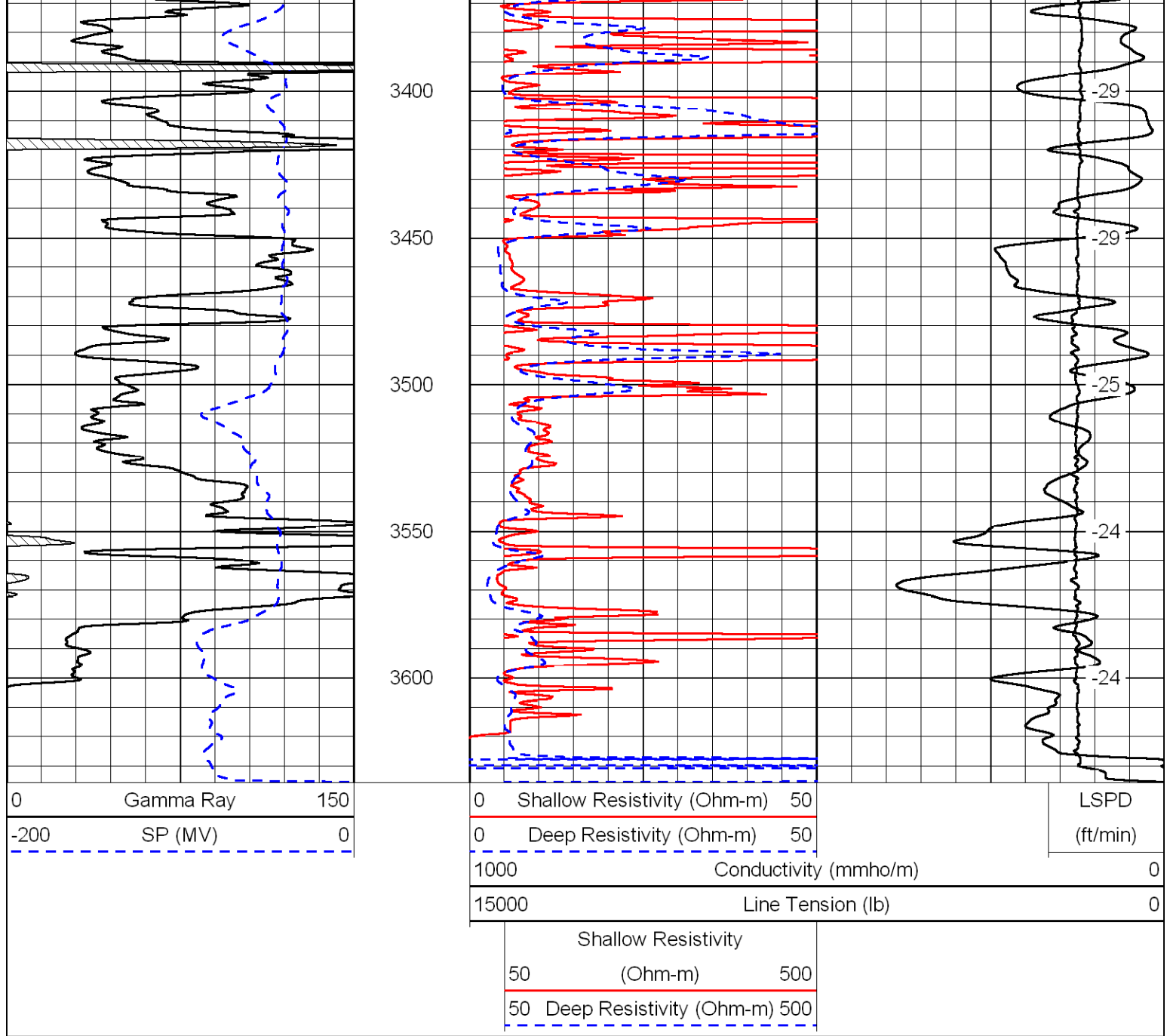




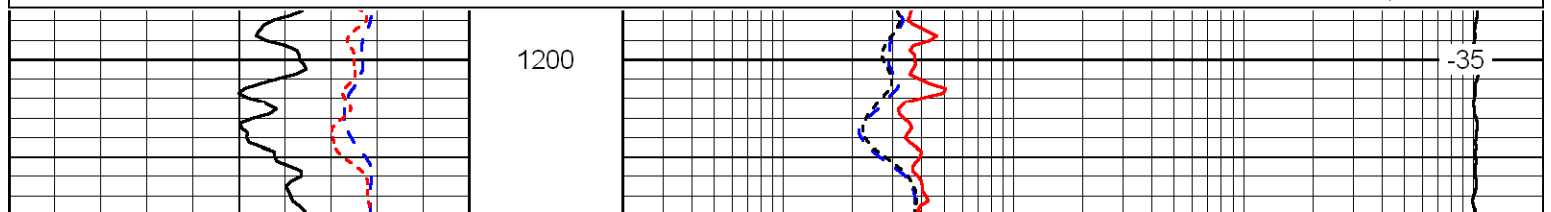
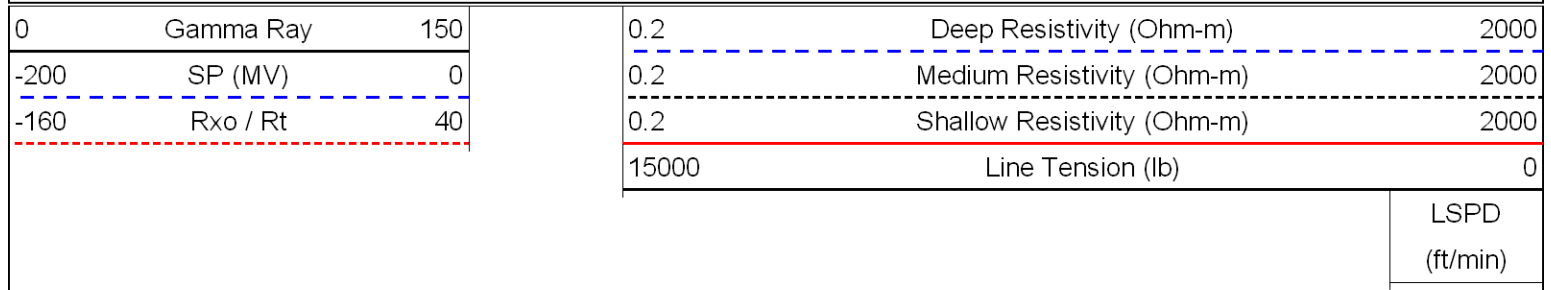


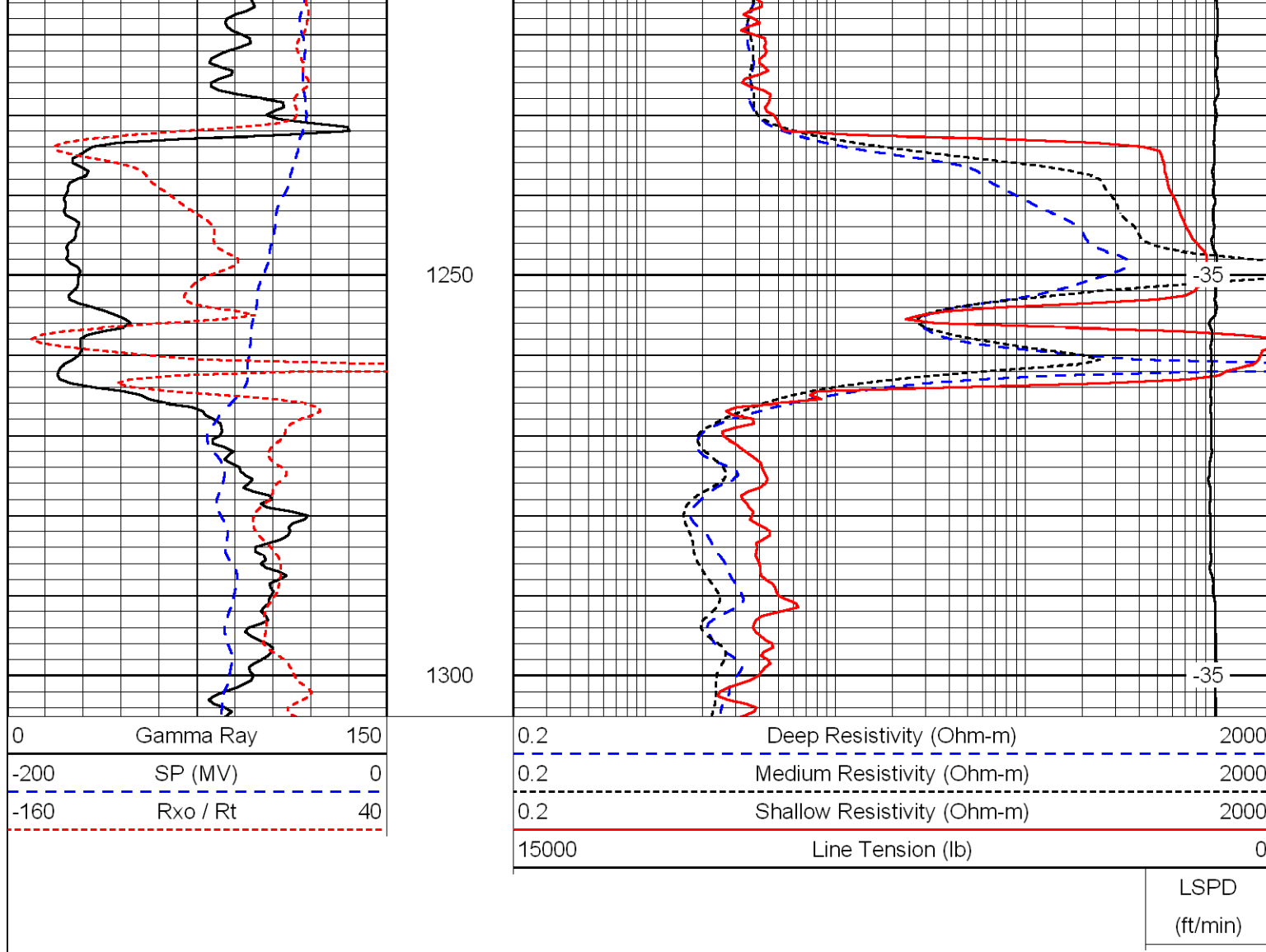




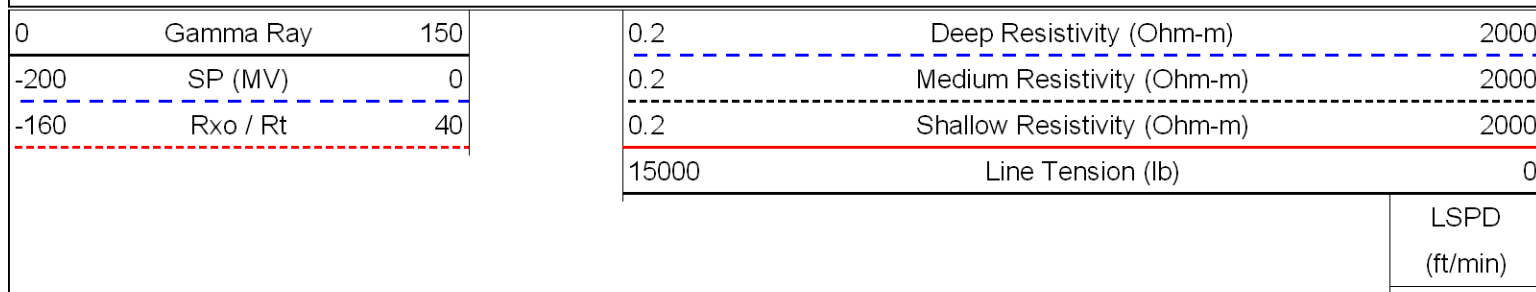


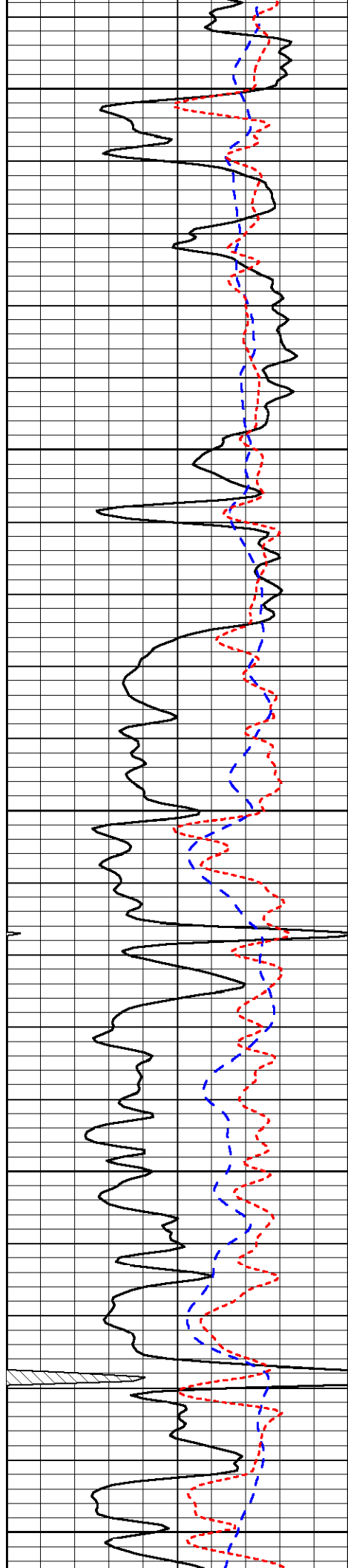
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 Presentation Format: dil
 Dataset Creation: Fri Aug 07 13:48:56 2009
 Charted by: Depth in Feet scaled 1:240





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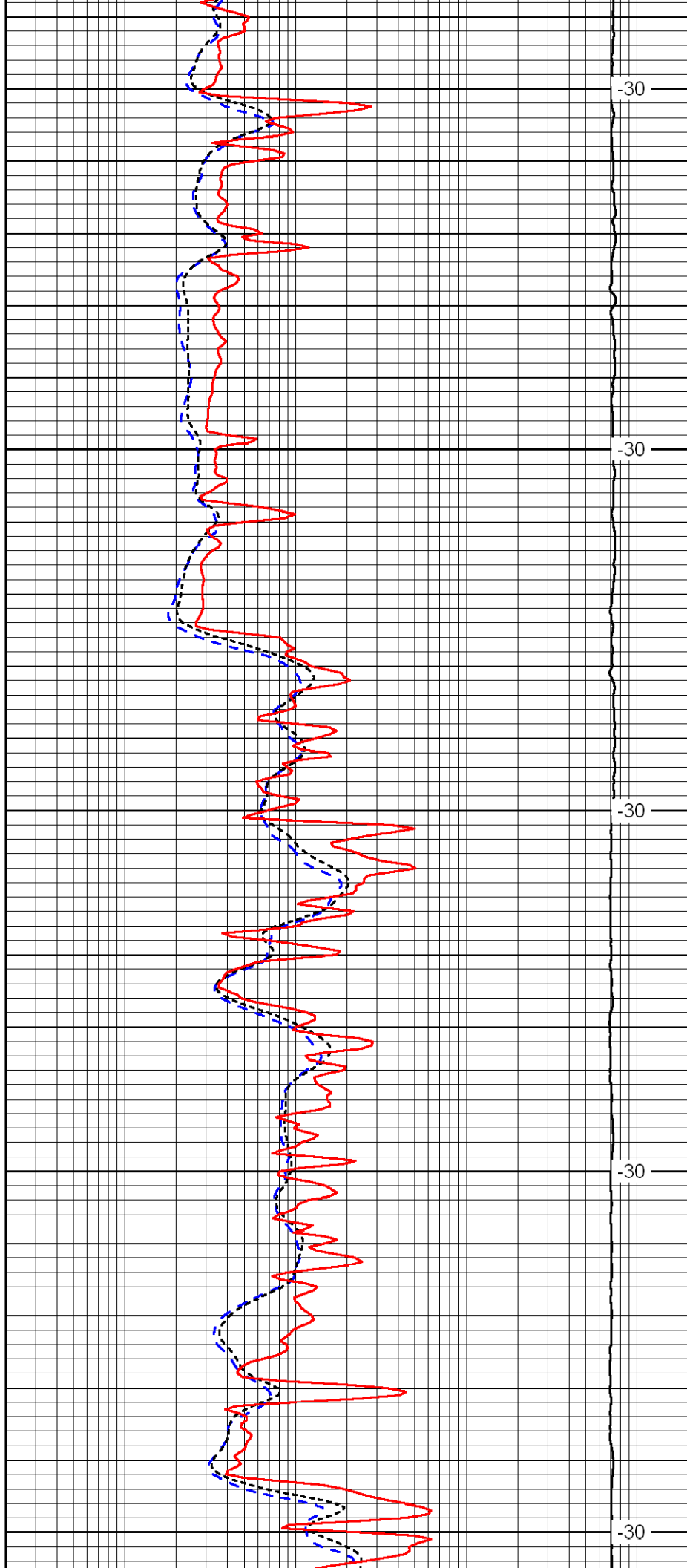
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2900

2950

3000

3050



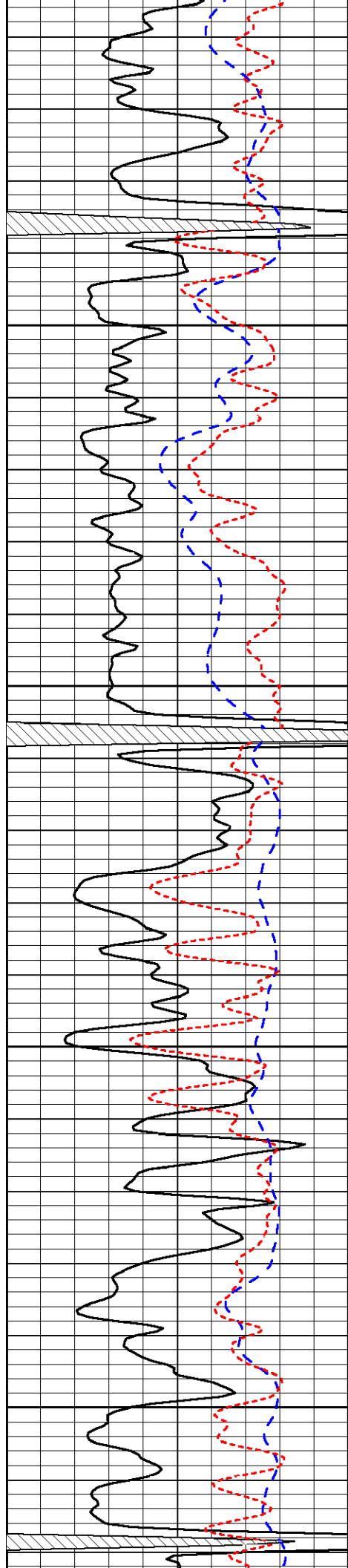
-30

-30

-30

-30

-30

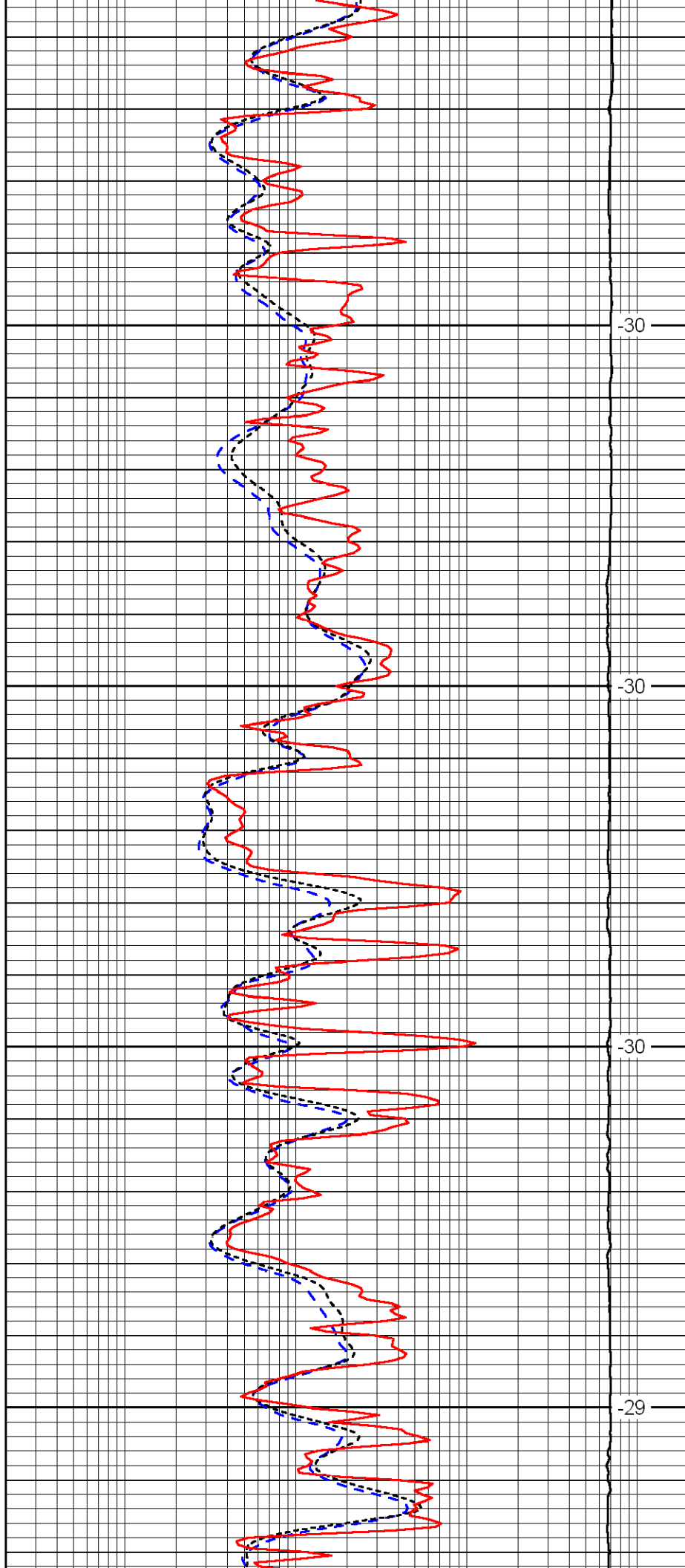


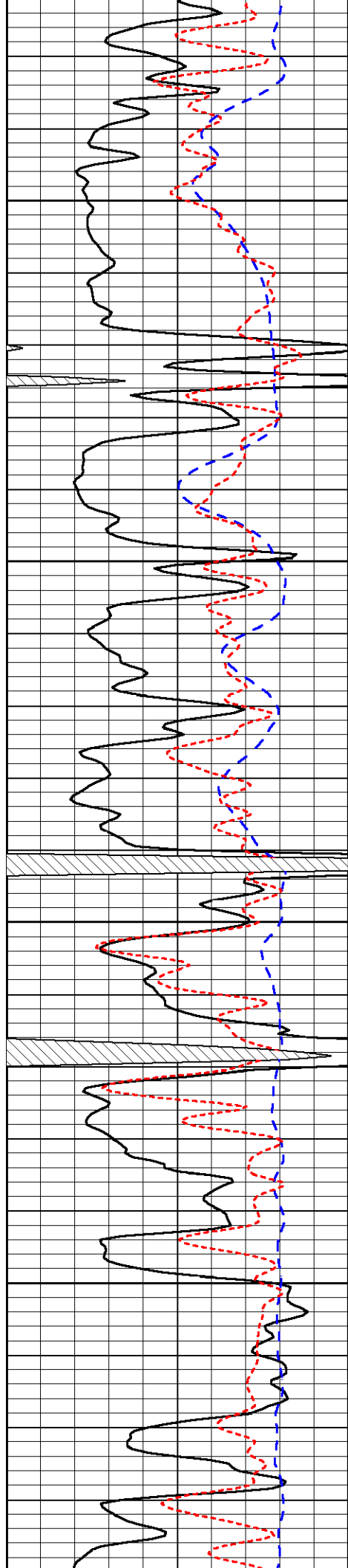
3100

3150

3200

3250



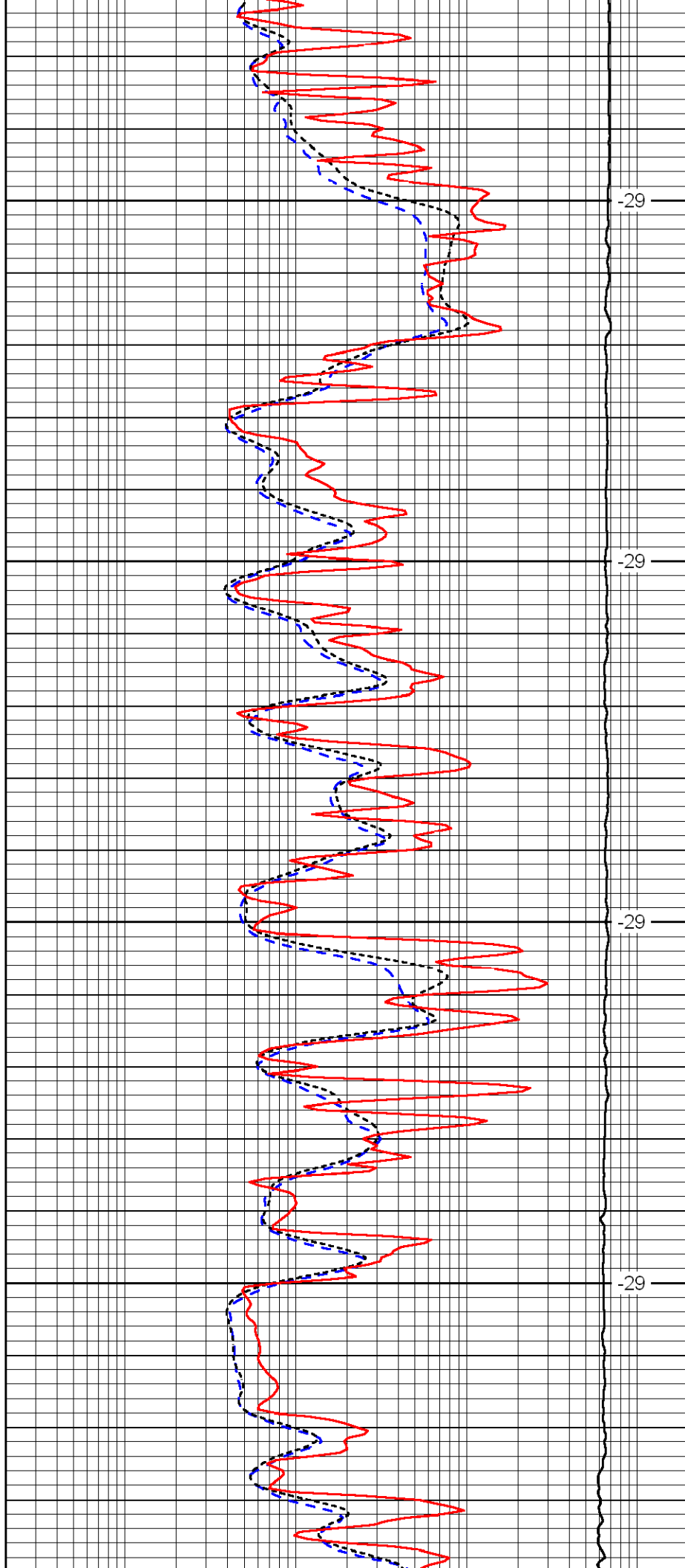


3300

3350

3400

3450

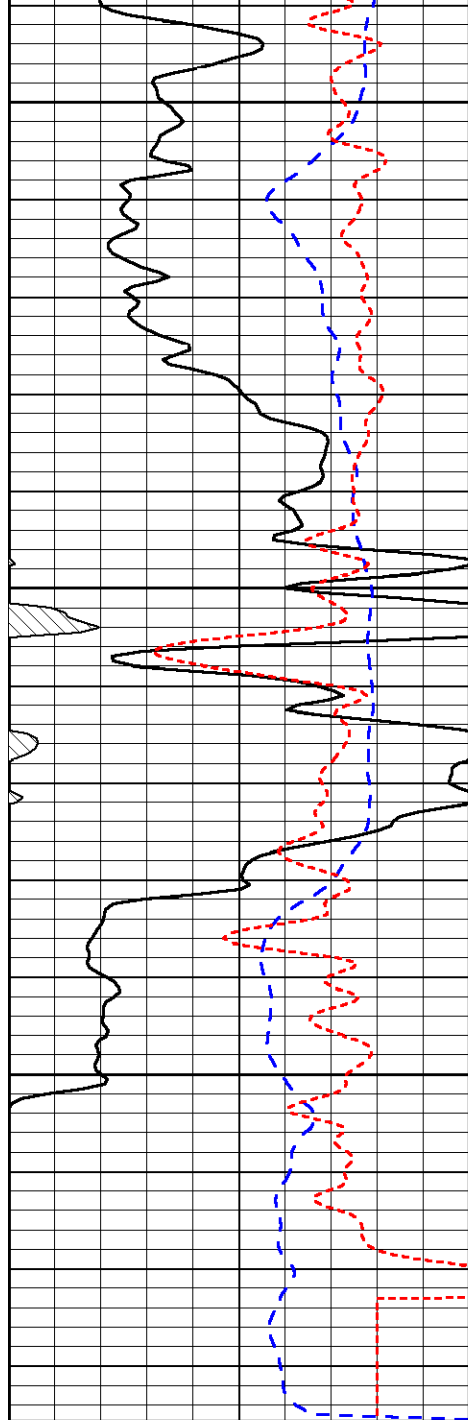


-29

-29

-29

-29

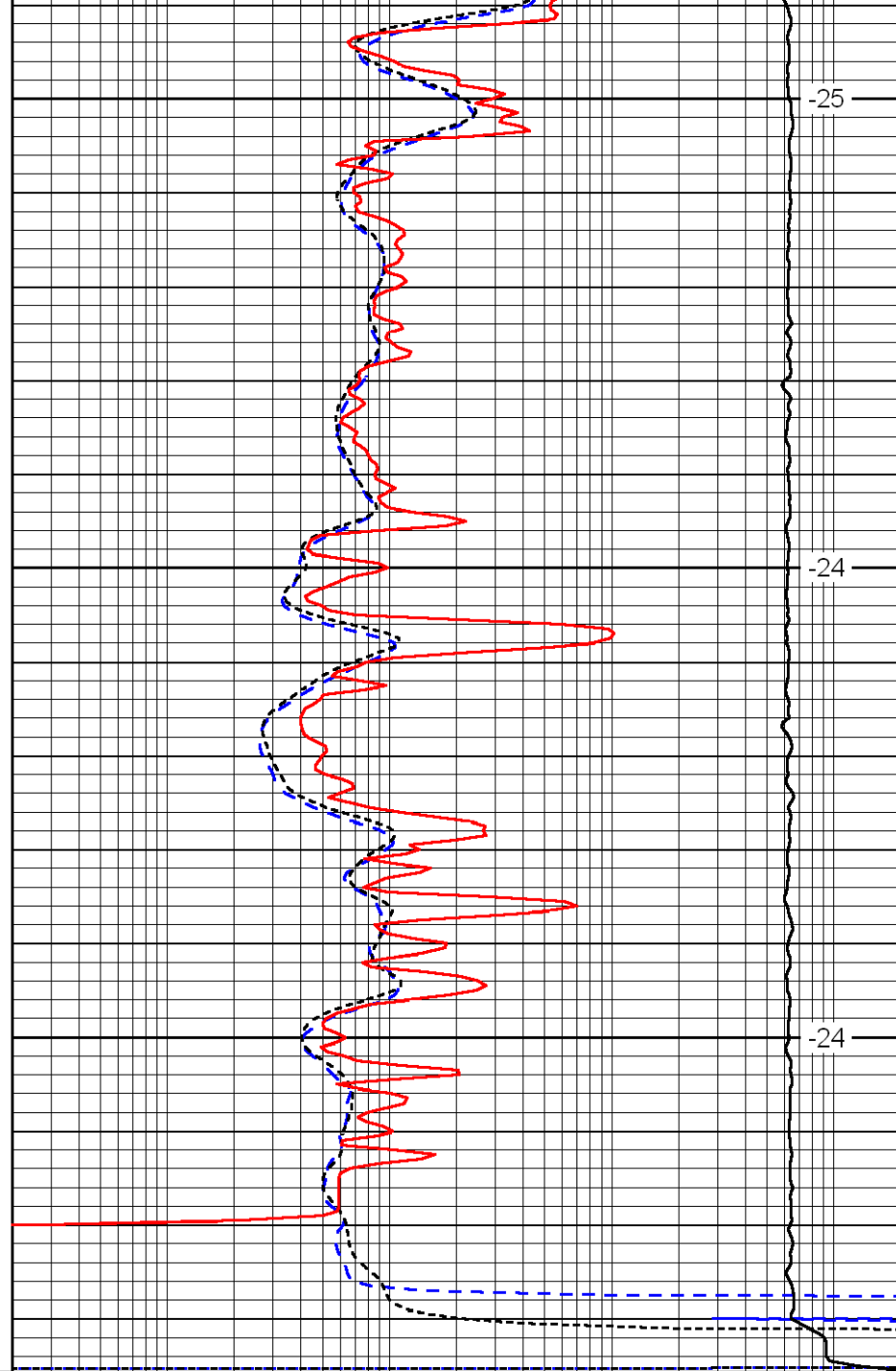


0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

3500

3550

3600



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)