



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company L.D. Drilling, Inc. Well Miller 'CC' No. 2 Field Otis-Albert County Barton State Kansas		
15-009-25,507-00-00	Location NW NW NE 330' FNL & 990' FEL	Other Services CNL/CDL	
	Sec: 8 Twp: 19 S Rge: 15 W	Elevation K.B. 1998 D.F. 1985 G.L. 1985	
Permanent Datum	Ground Level	Elevation 1985	
Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	1/6/2011		
Run Number	One		
Depth Driller	3680		
Depth Logger	3680		
Bottom Logged Interval	3679		
Top Log Interval	950		
Casing Driller	8.625 @ 992		
Casing Logger	989		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6.000		
Density / Viscosity	9.2 52		
pH / Fluid Loss	10.0 10.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.72 @ 55		
Rmf @ Meas. Temp	.54 @ 55		
Rmc @ Meas. Temp	.97 @ 55		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.34 @ 115		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	115		
Equipment Number	4		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Kim Shoemaker		

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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

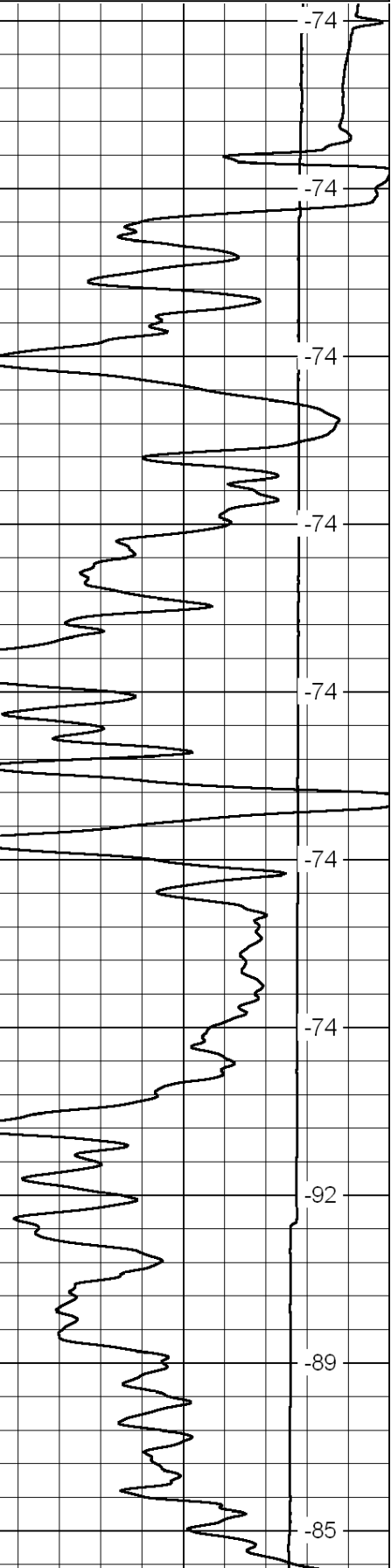
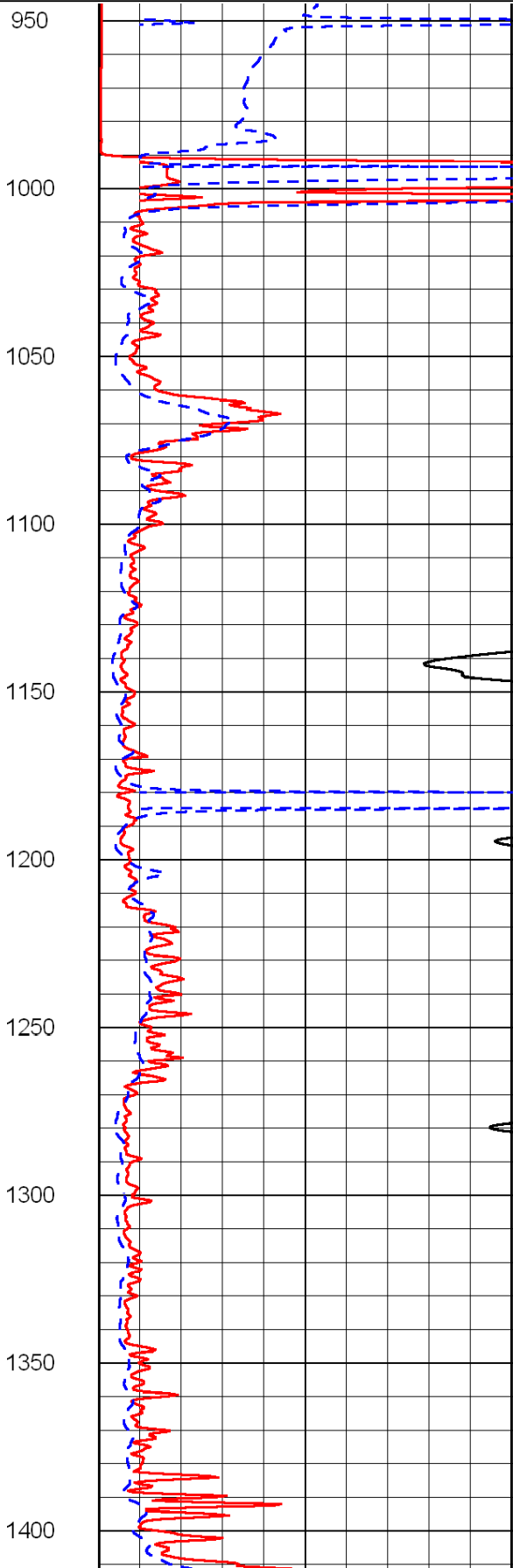
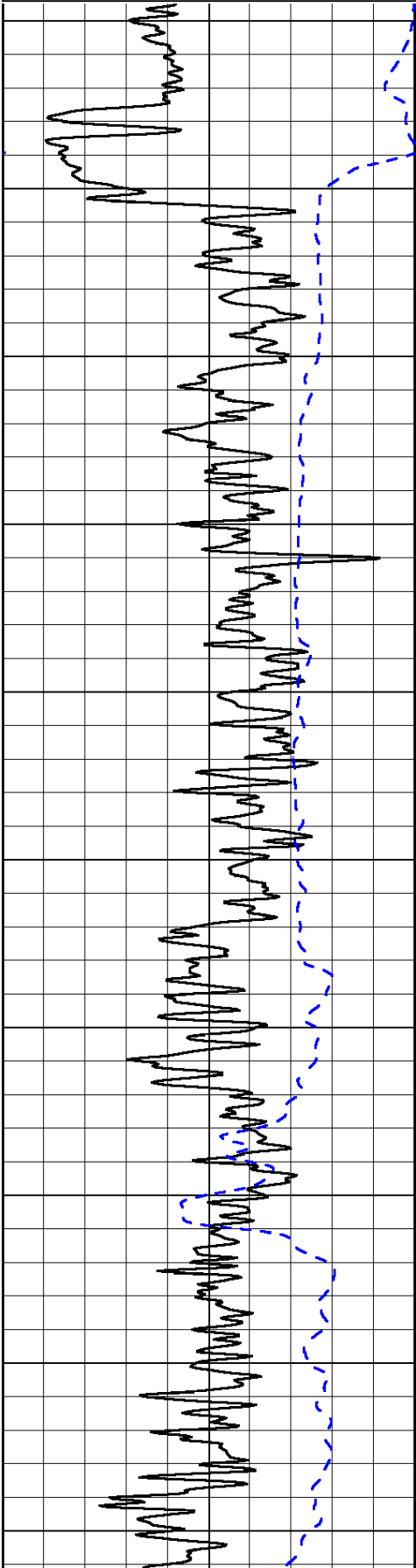
Thank you for using Log-Tech, Inc.
(785) 625-3858

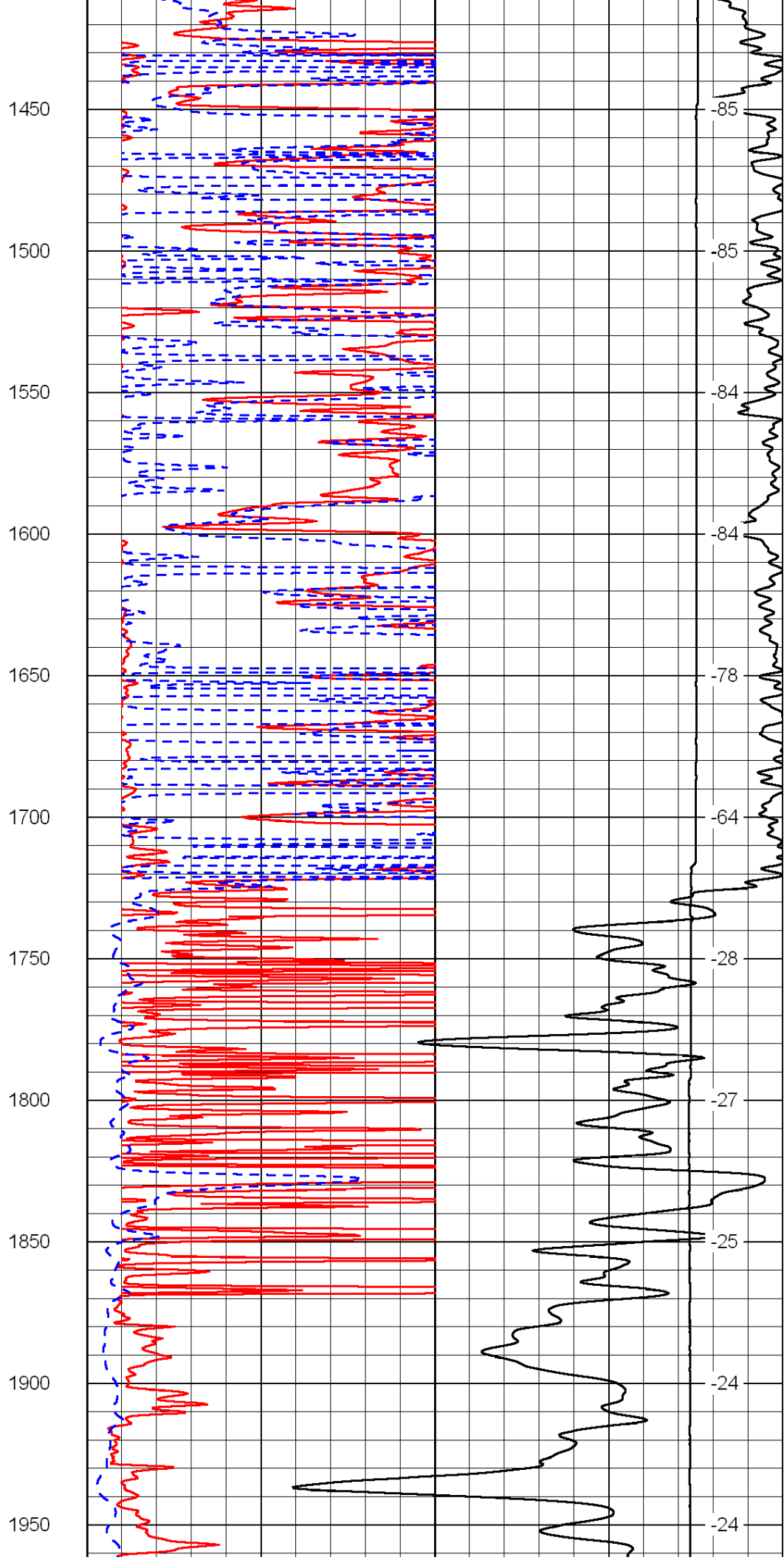
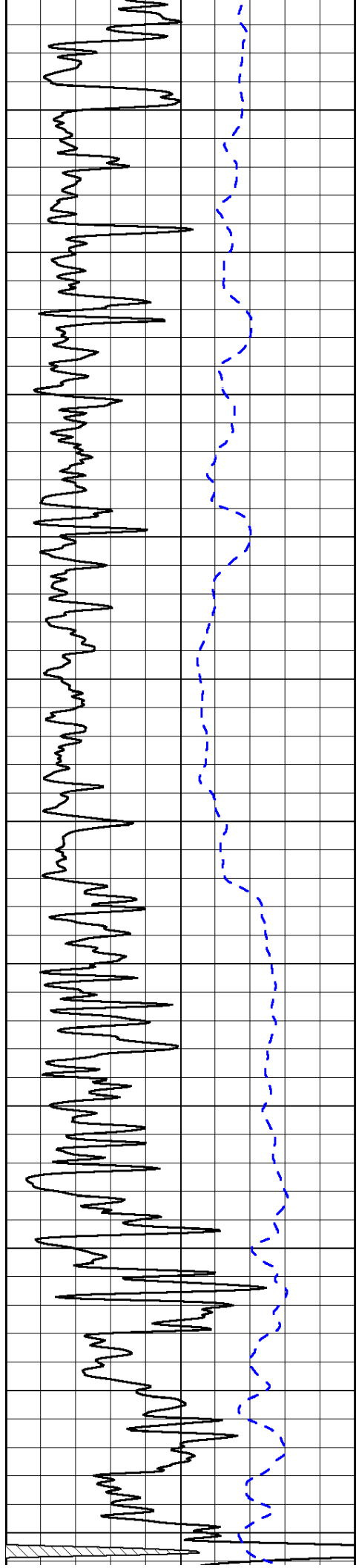
Heizer, 1/4 S to blacktop, W to NW 120 ave., 1/4 W, S into

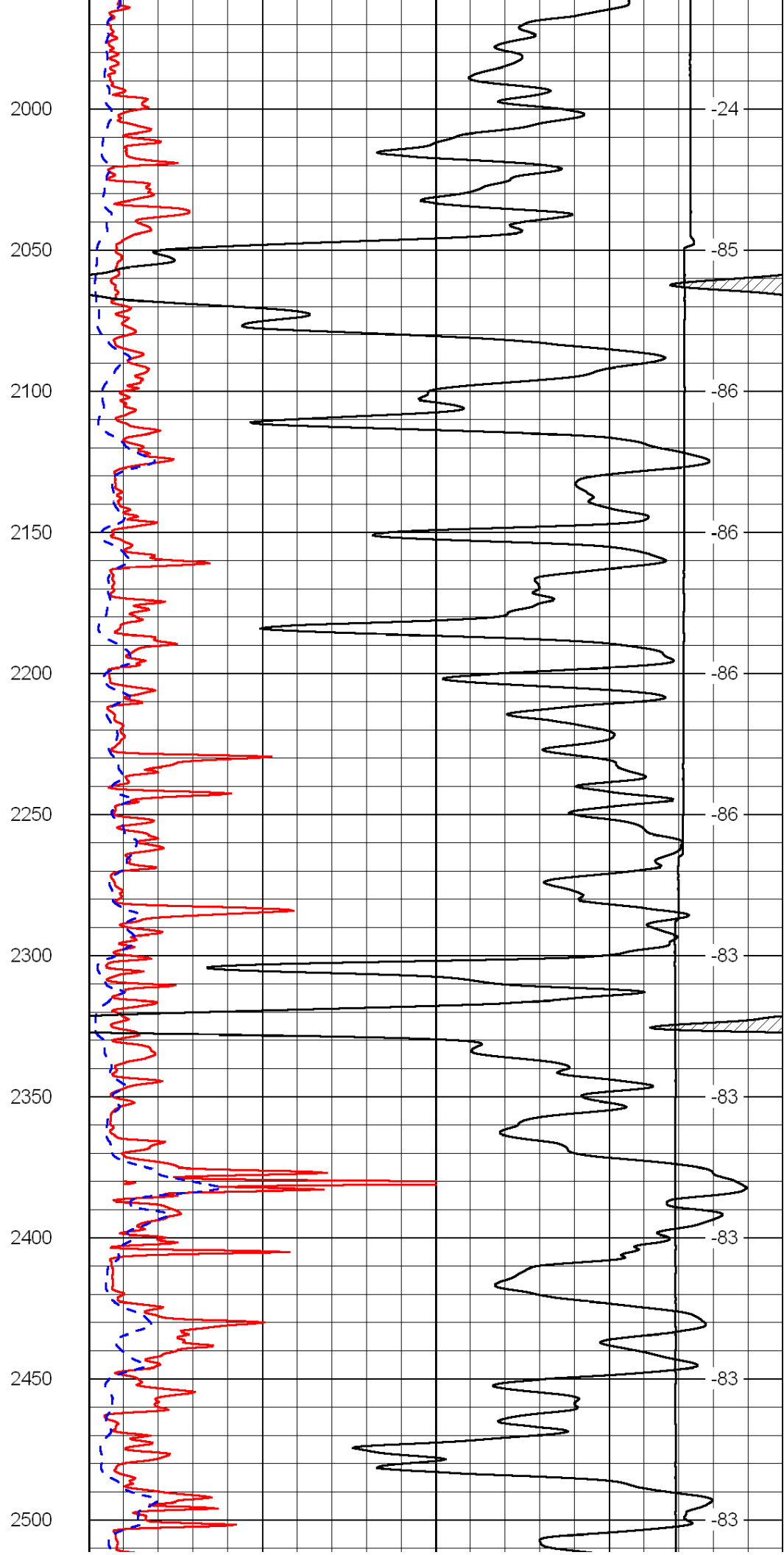
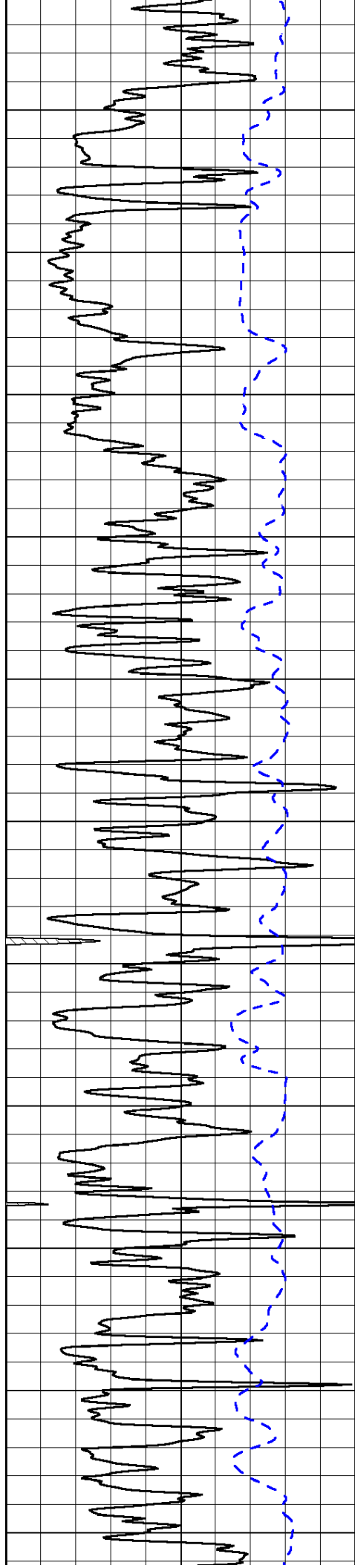
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Presentation Format: dil2in
Dataset Creation: Fri Jan 07 06:00:10 2011
Charted by: Depth in Feet scaled 1:600

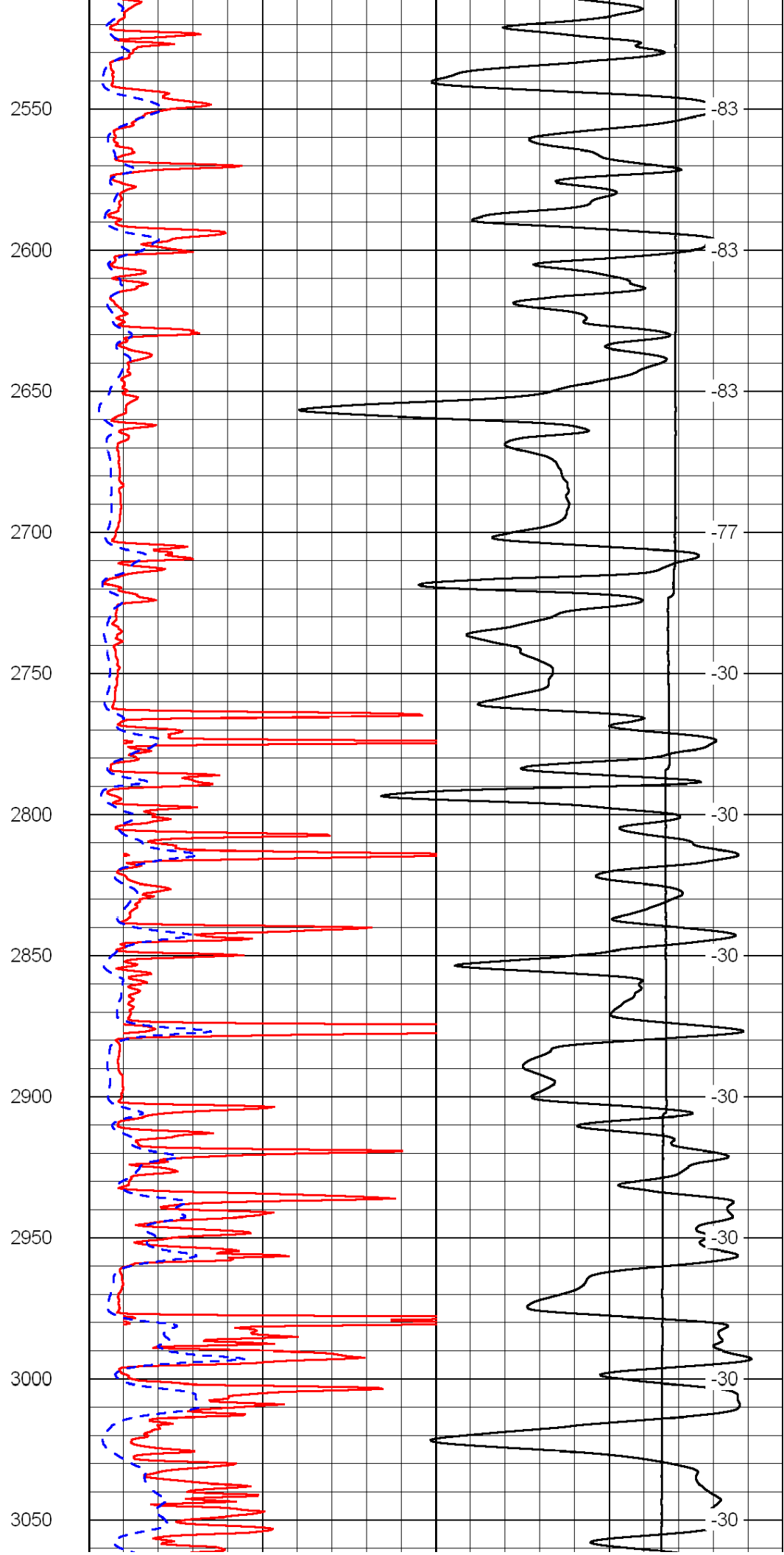
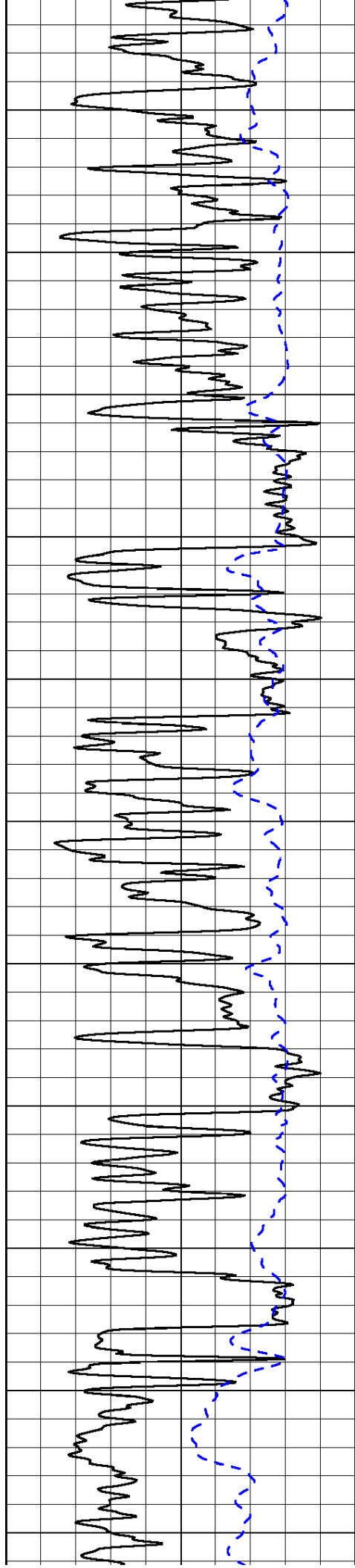
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-200	SP (mV)	0

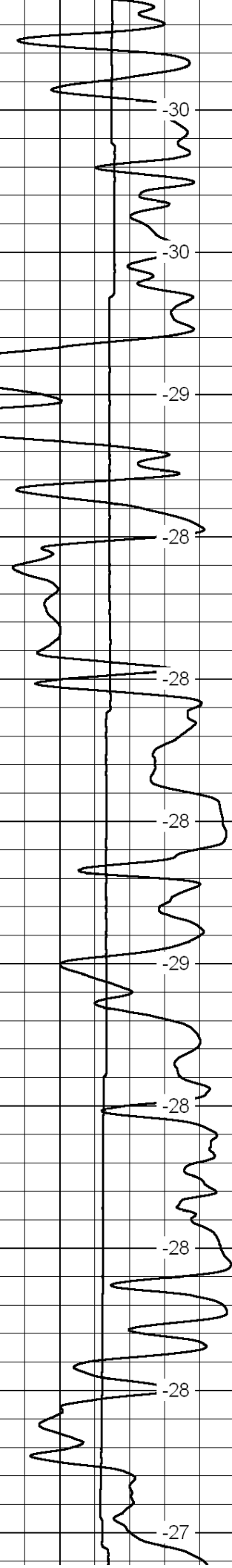
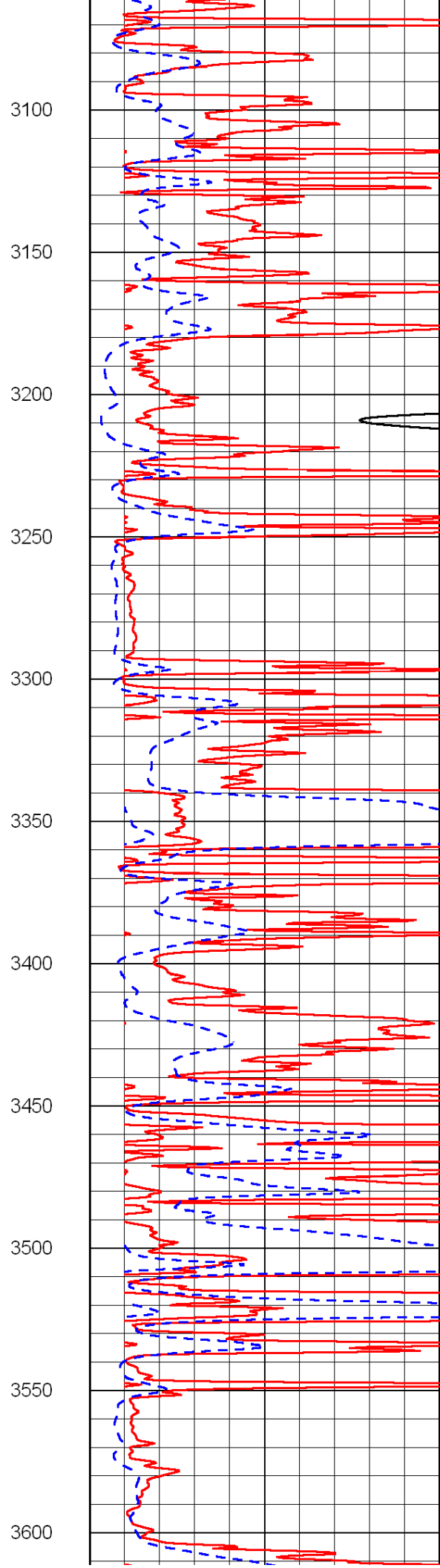
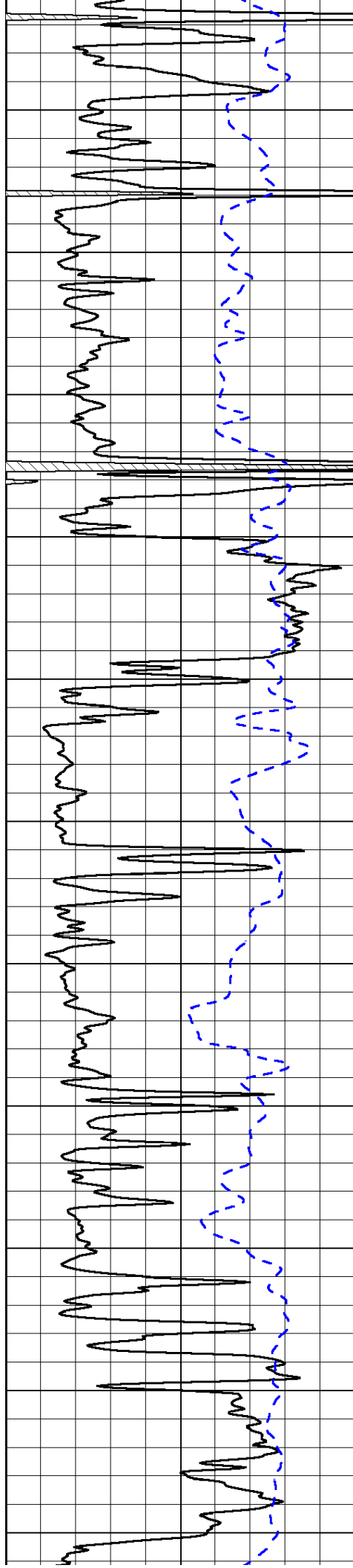
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

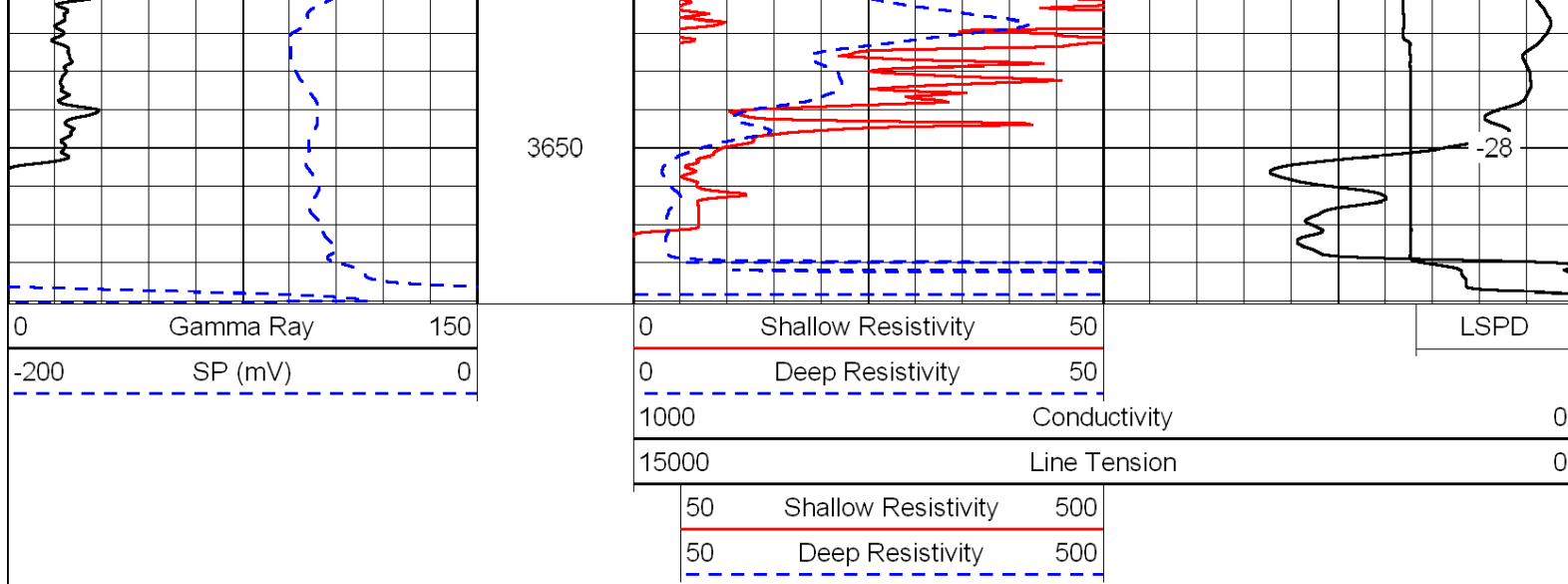




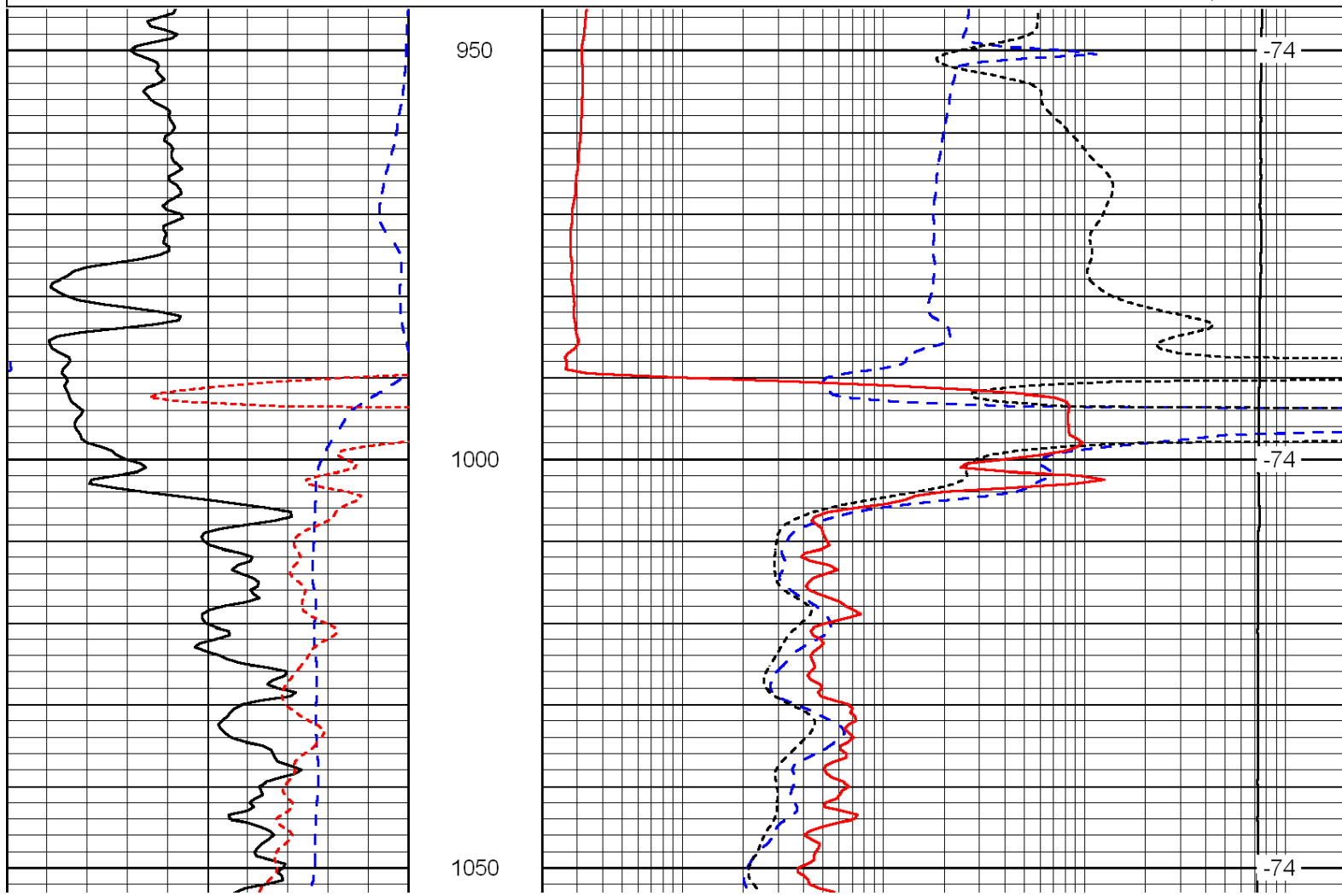
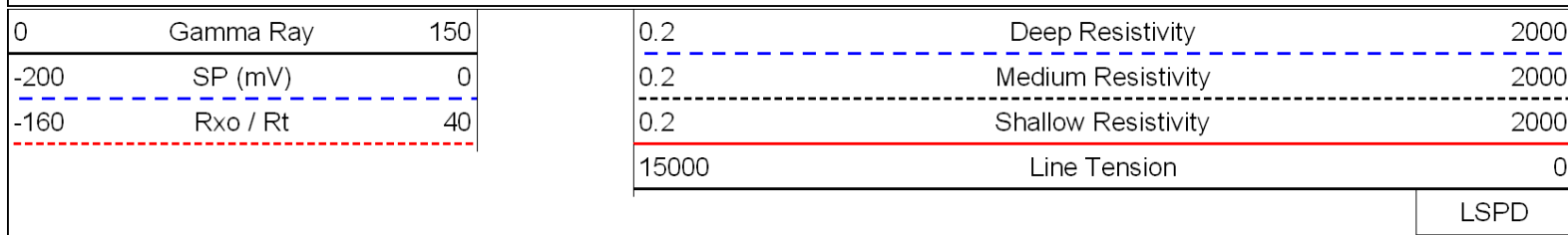








Database File: c:\warrior\data\ld drilling_miller 'cc' no. 2\ldmiller_2hd.db
 Dataset Pathname: dil\ld2in
 Presentation Format: dil
 Dataset Creation: Fri Jan 07 06:00:10 2011
 Charted by: Depth in Feet scaled 1:240



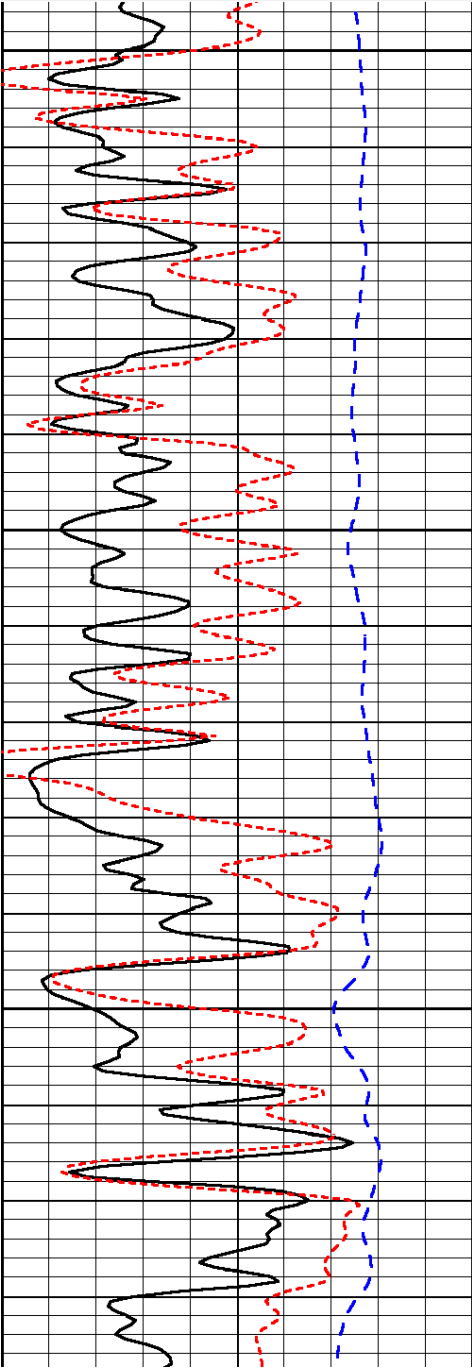
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

Database File:	c:\warrior\data\ld drilling_miller 'cc' no. 2\ldmiller_2hd.db
Dataset Pathname:	dil\ld2in
Presentation Format:	dil
Dataset Creation:	Fri Jan 07 06:00:10 2011
Charted by:	Depth in Feet scaled 1:240

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

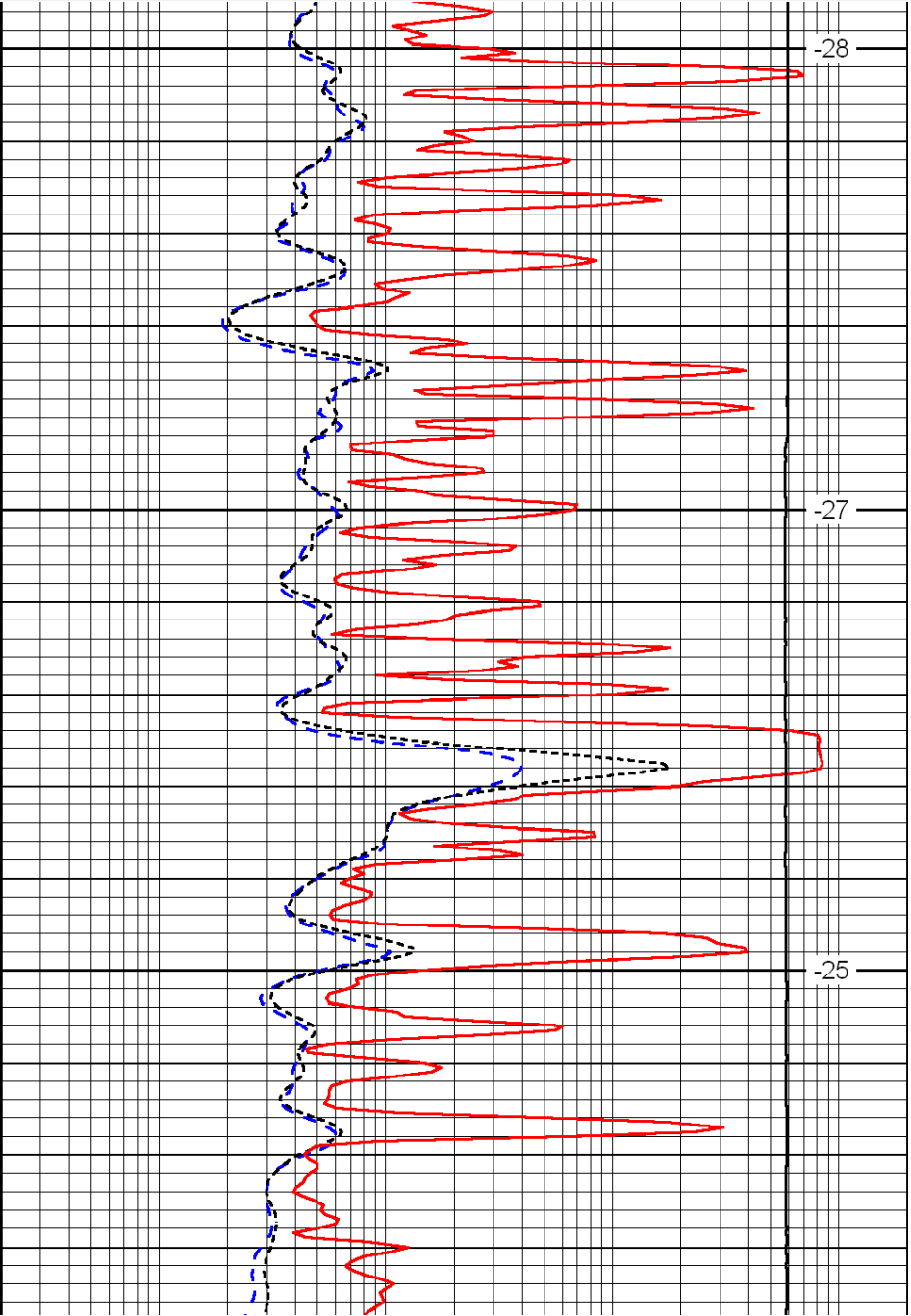
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



1750

1800

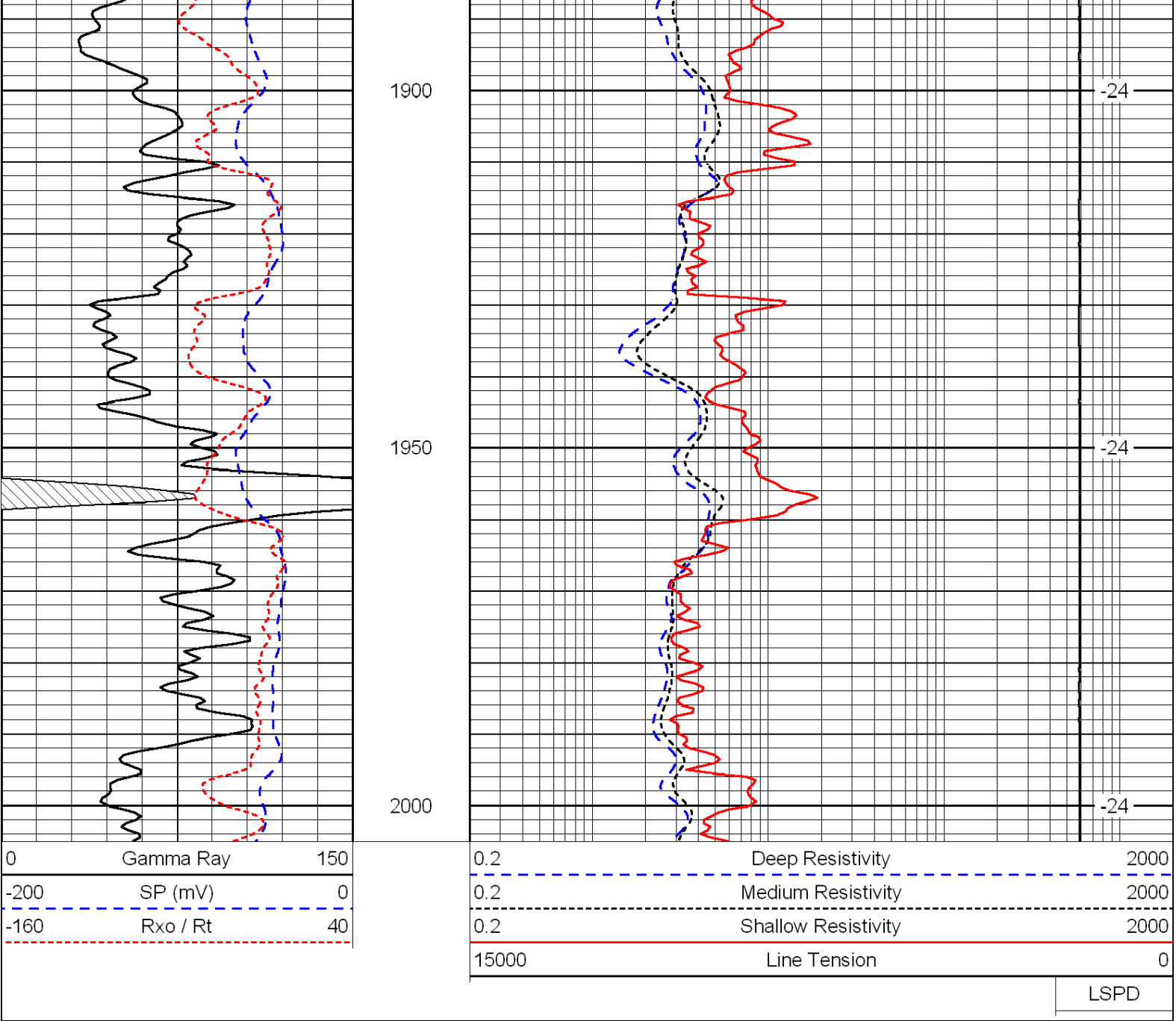
1850



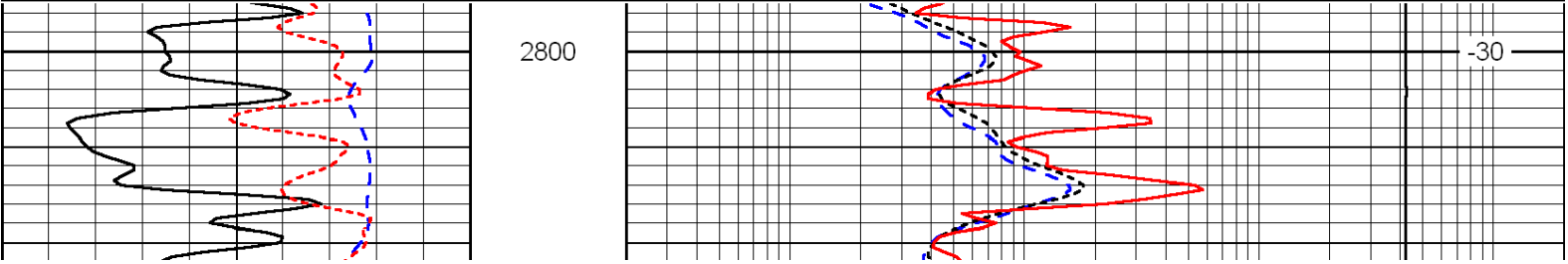
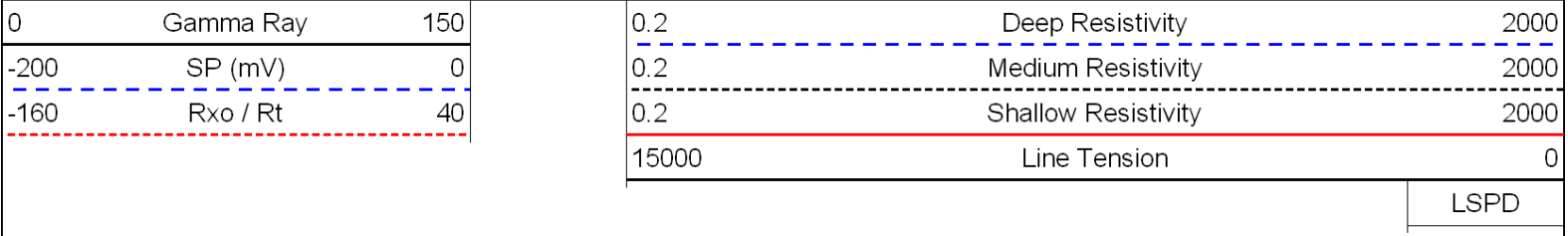
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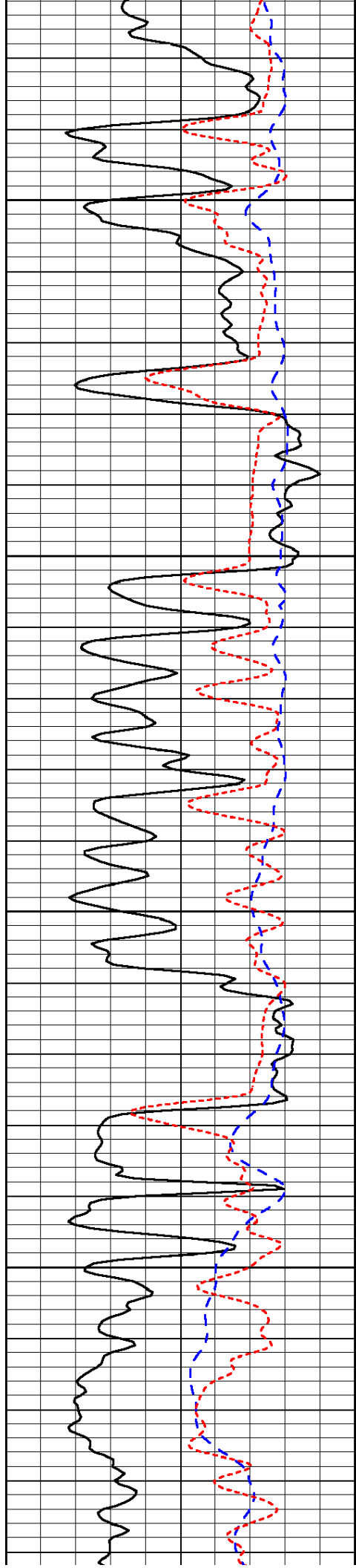
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-25



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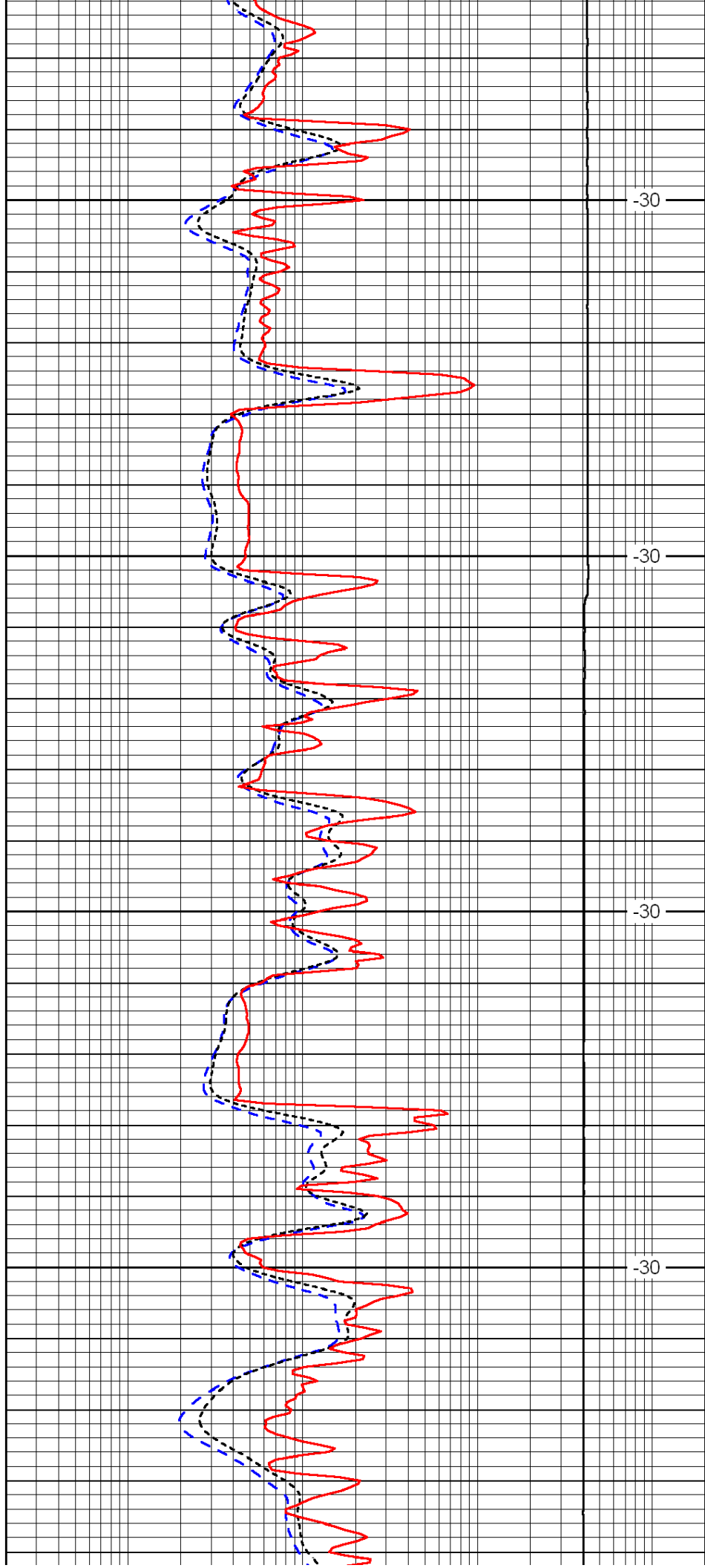


2850

2900

2950

3000

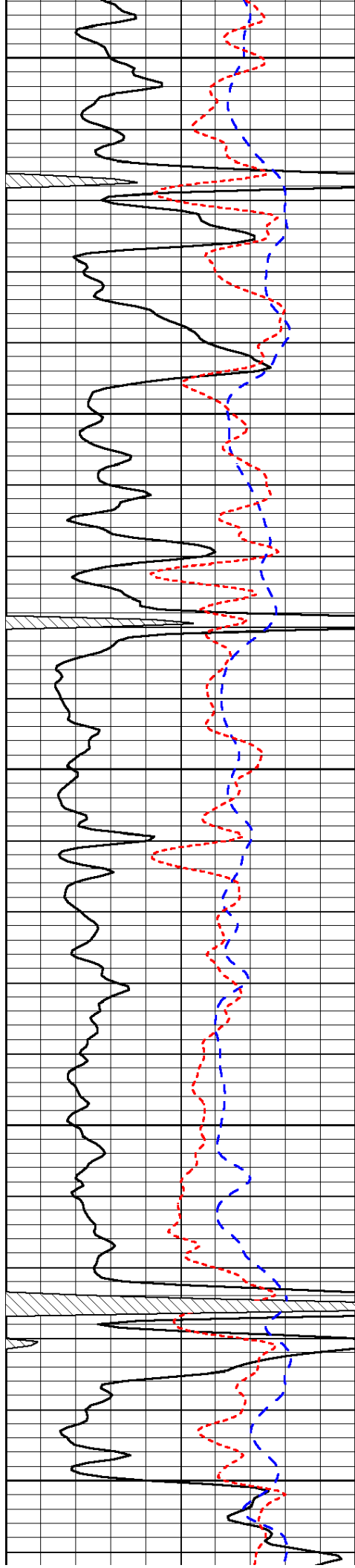


-30

-30

-30

-30



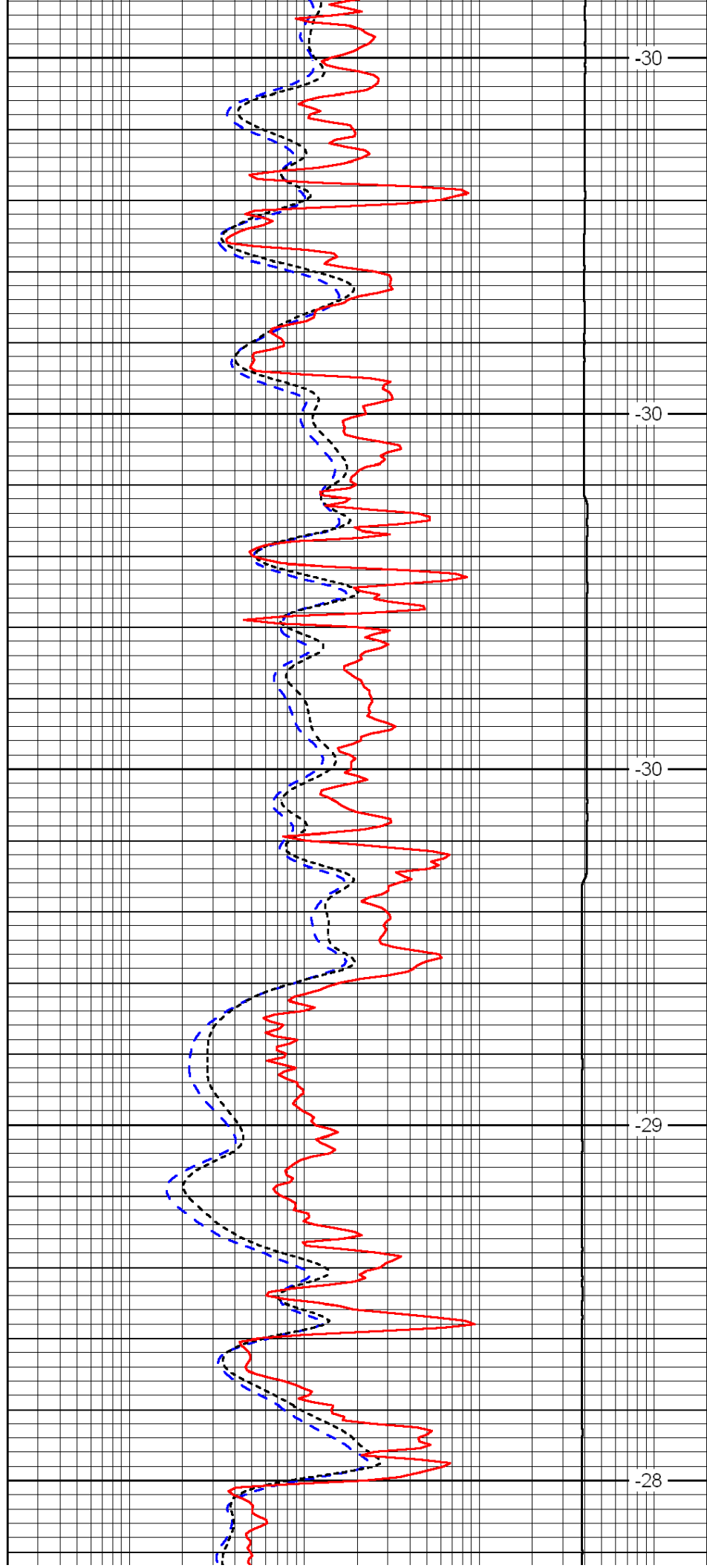
3050

3100

3150

3200

3250



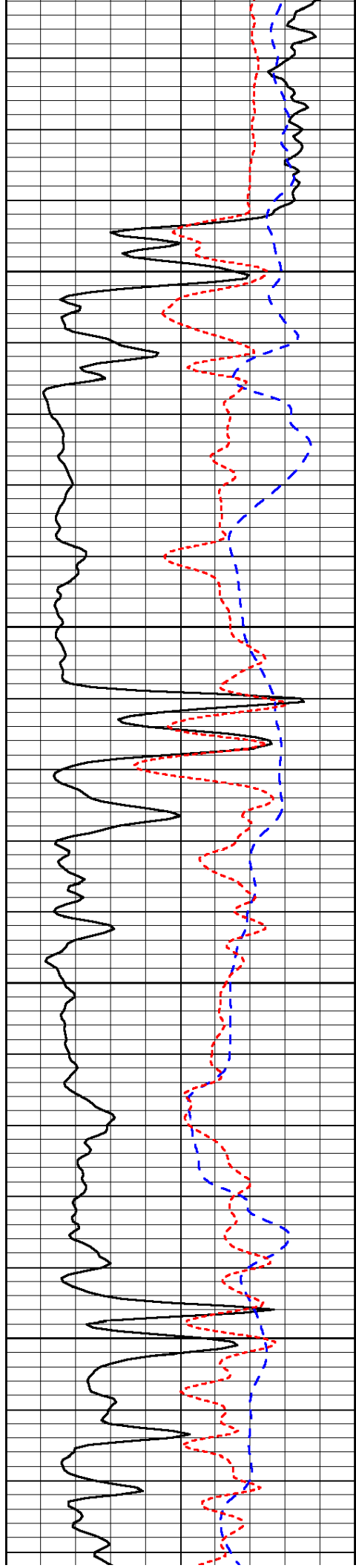
-30

-30

-30

-29

-28

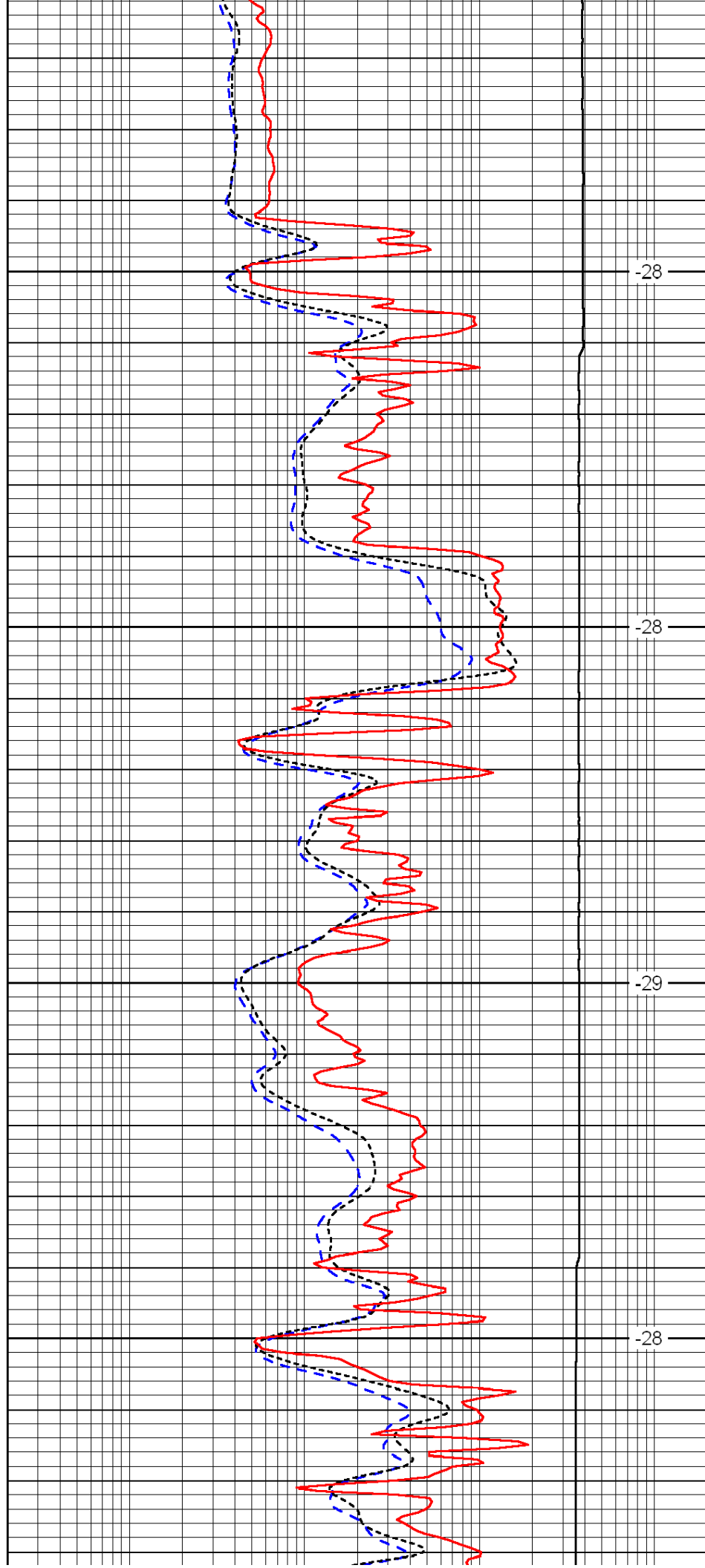


3300

3350

3400

3450

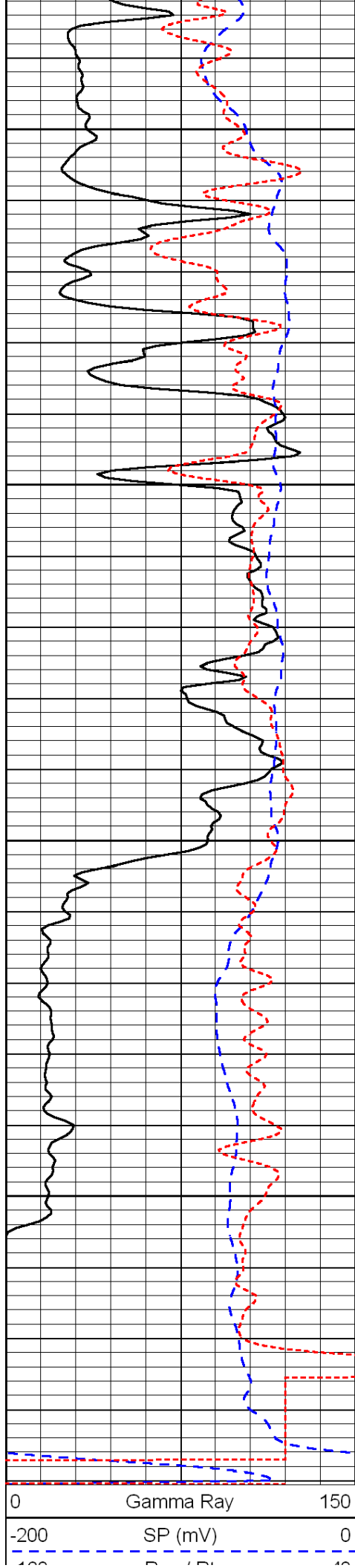


-28

-28

-29

-28

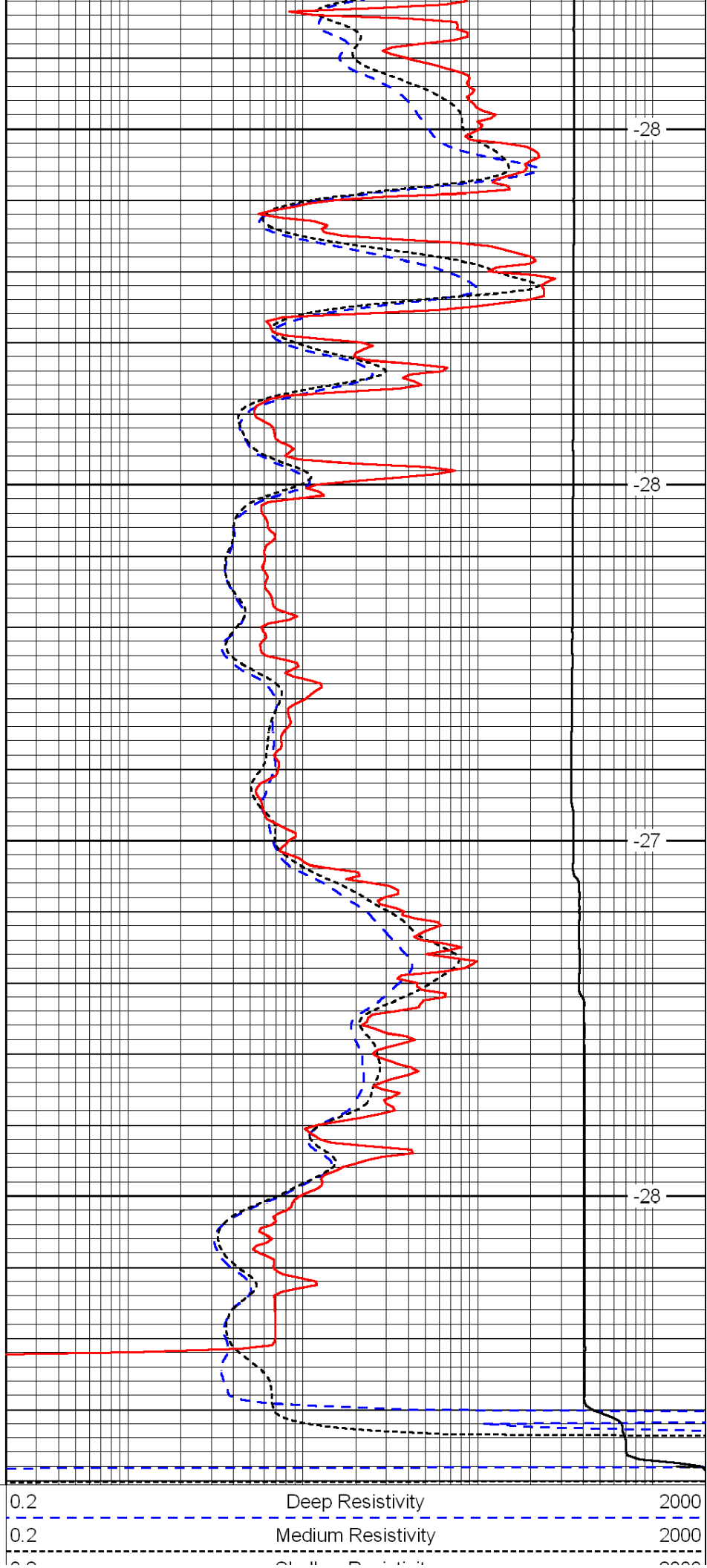


3500

3550

3600

3650



-28

-28

-27

-28

-160 Rx0 / Rt 40

0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD