



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-145-21,614-00-00

Company: Downing-Nelson Oil Co., Inc.  
 Well: Marvin Saxton Unit No. 1-30  
 Field: Steffen Field  
 County: Pawnee State Kansas

Location: 210' FNL & 1835' FWL

Sec: 30 Twp: 20 S Rge: 20 W

Other Services: CNL/CDL, MEL/BHCS

Permanent Datum	Ground Level	Elevation 2180
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	11/15/2010	
Run Number	One	
Depth Driller	4343	
Depth Logger	4344	
Bottom Logged Interval	4343	
Top Log Interval	1150	
Casing Driller	8.625 @ 1160	
Casing Logger	1154	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	5.000	
Density / Viscosity	9.2   59	
pH / Fluid Loss	10.0   11.2	
Source of Sample	Flowline	
Rm @ Meas. Temp	.85 @ 60	
Rmf @ Meas. Temp	.64 @ 60	
Rmc @ Meas. Temp	1.15 @ 60	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.42 @ 121	
Operating Rig Time	5 1/2 Hours	
Max Rec. Temp. F	121	
Equipment Number	4	
Location	Hays	
Recorded By	K. Bange	
Witnessed By	Ron Nelson	

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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

Alexander, S 11 to W rd, 1 W, 1 S, 1/2 W into

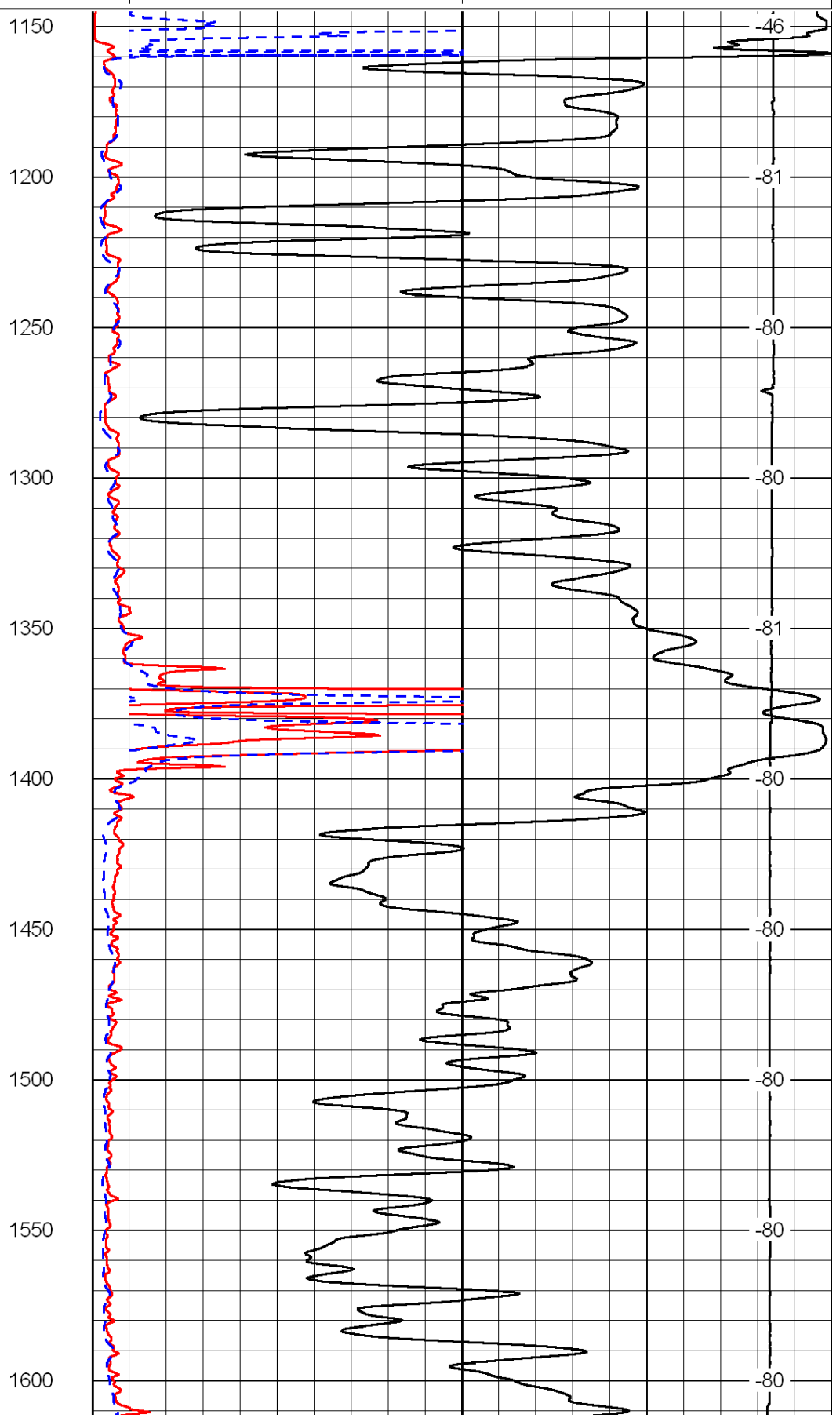
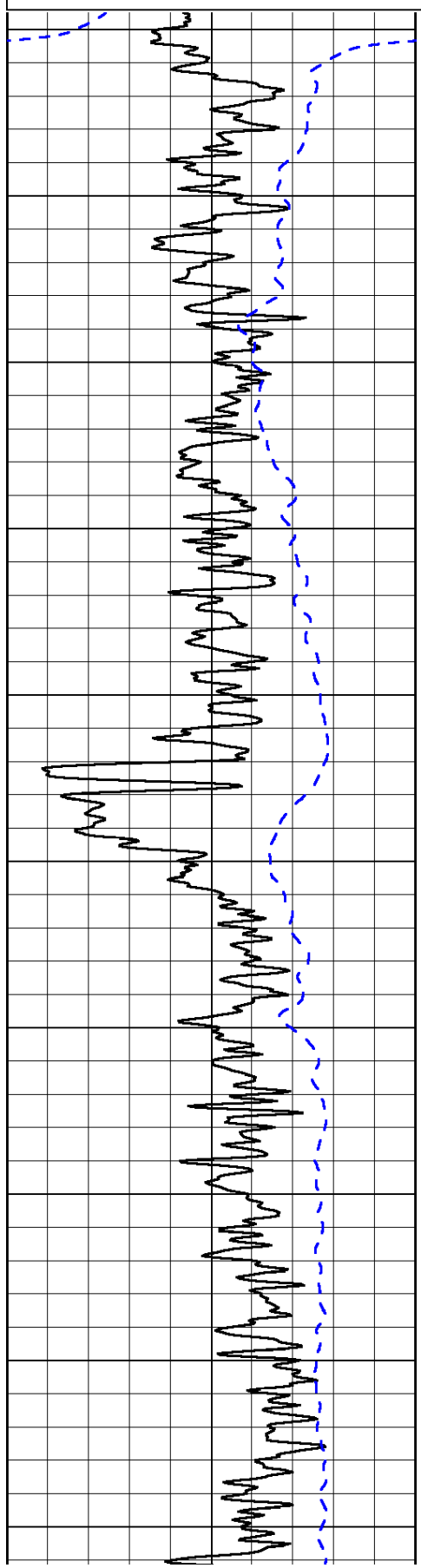
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-200	SP (mV)	0

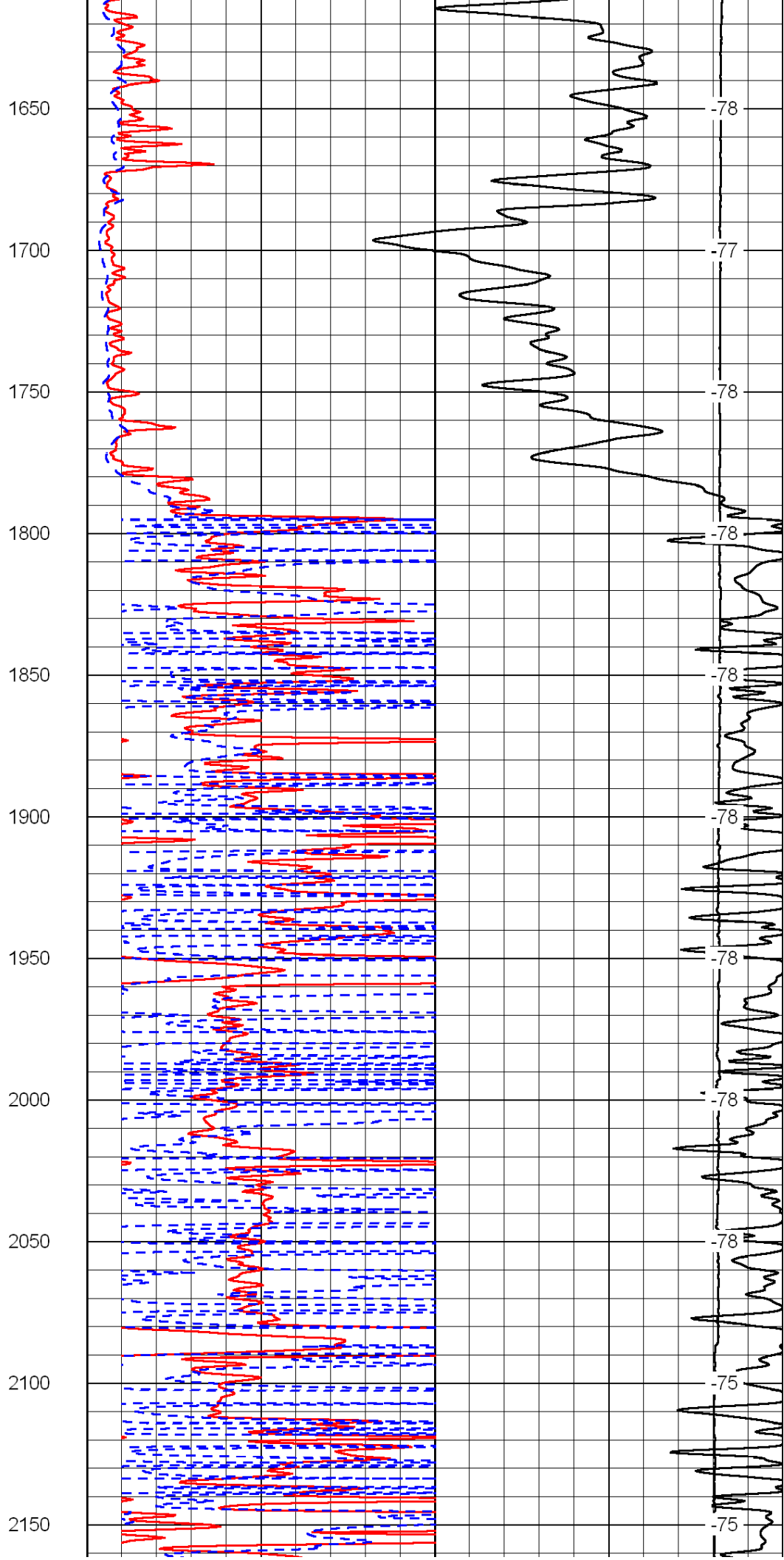
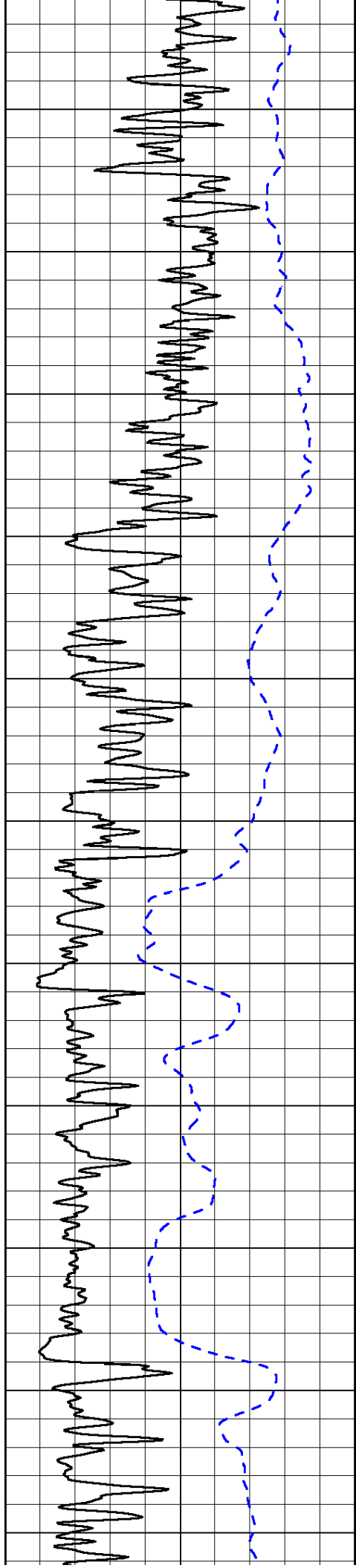
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0	Deep Resistivity	50

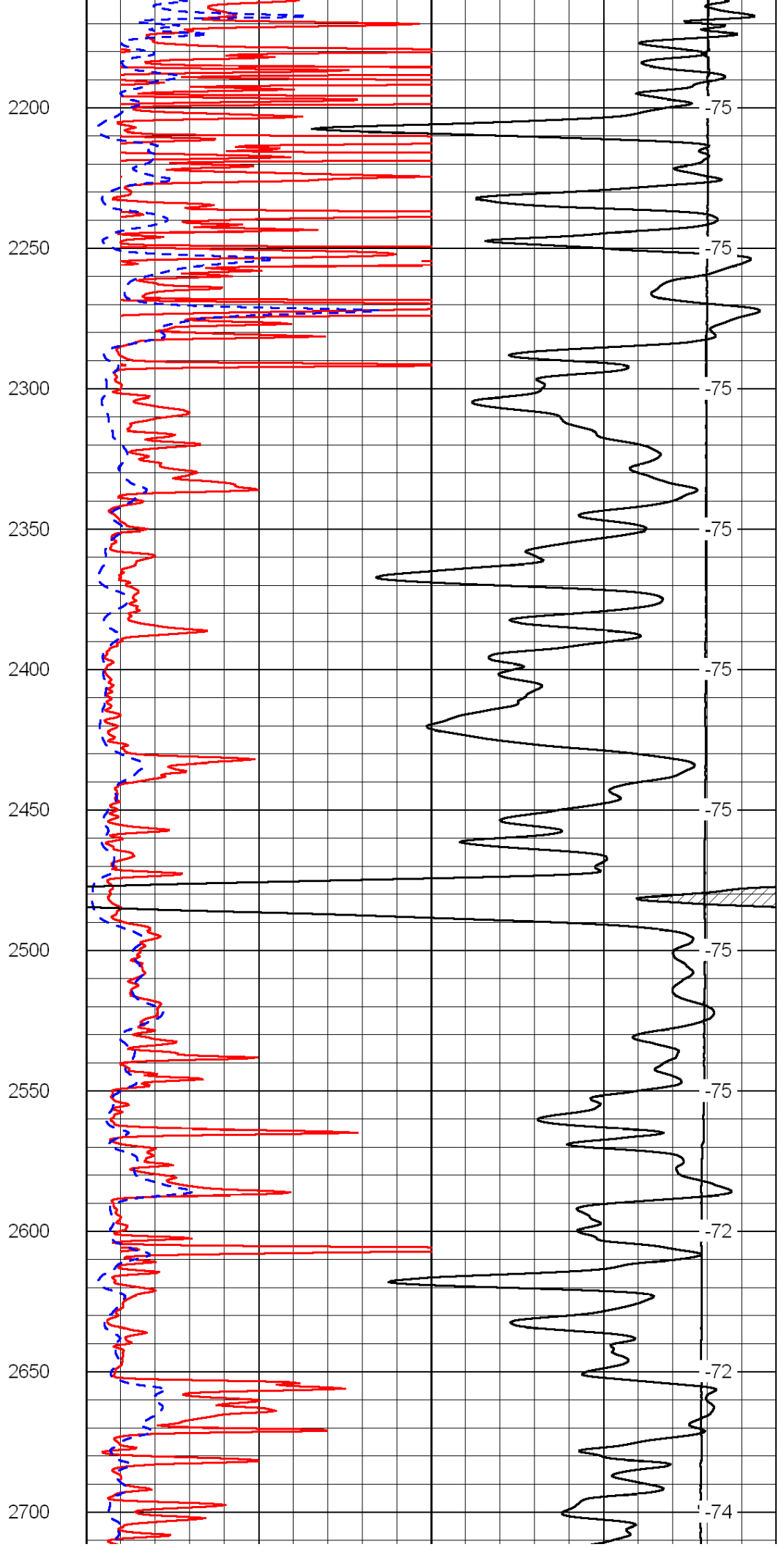
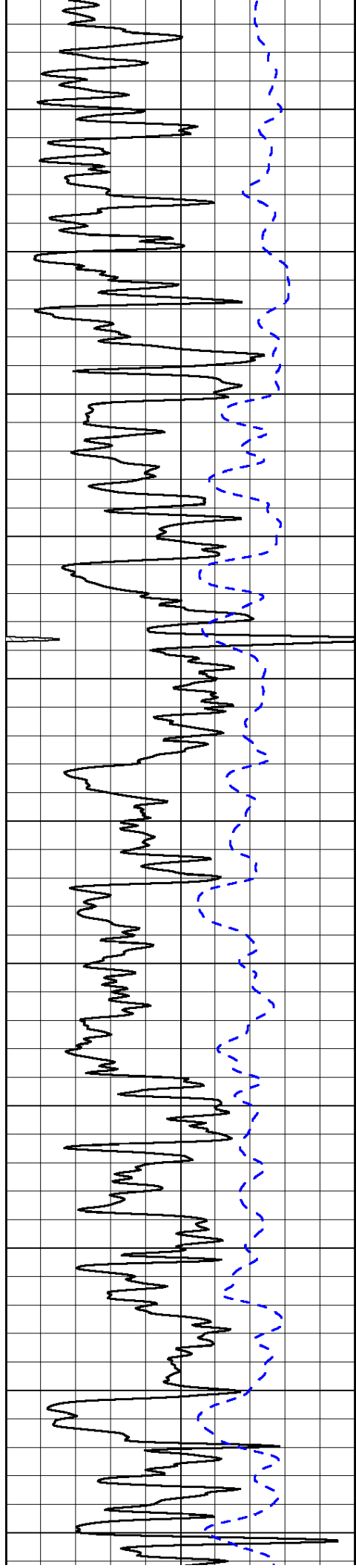
LSPD

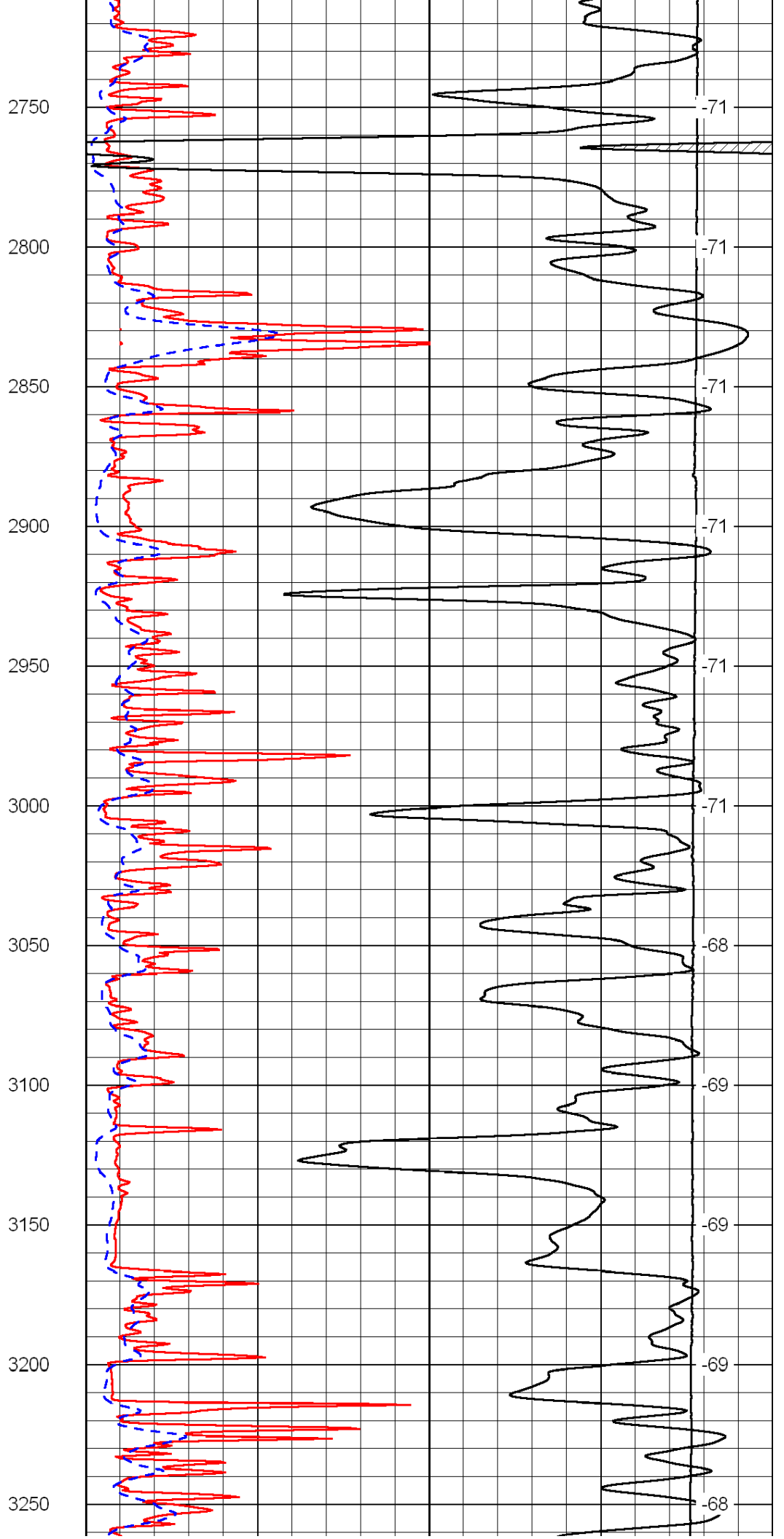
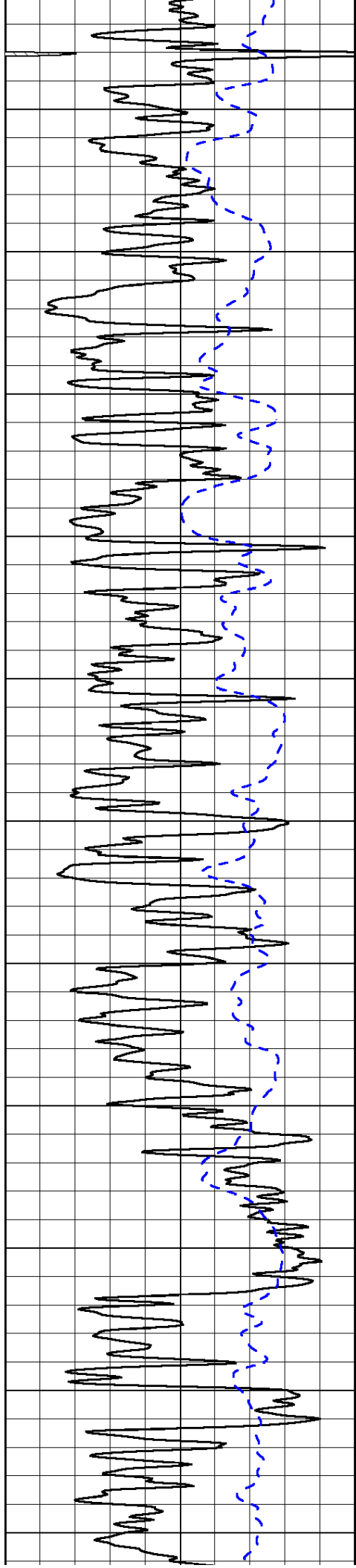
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15000	Line Tension	0

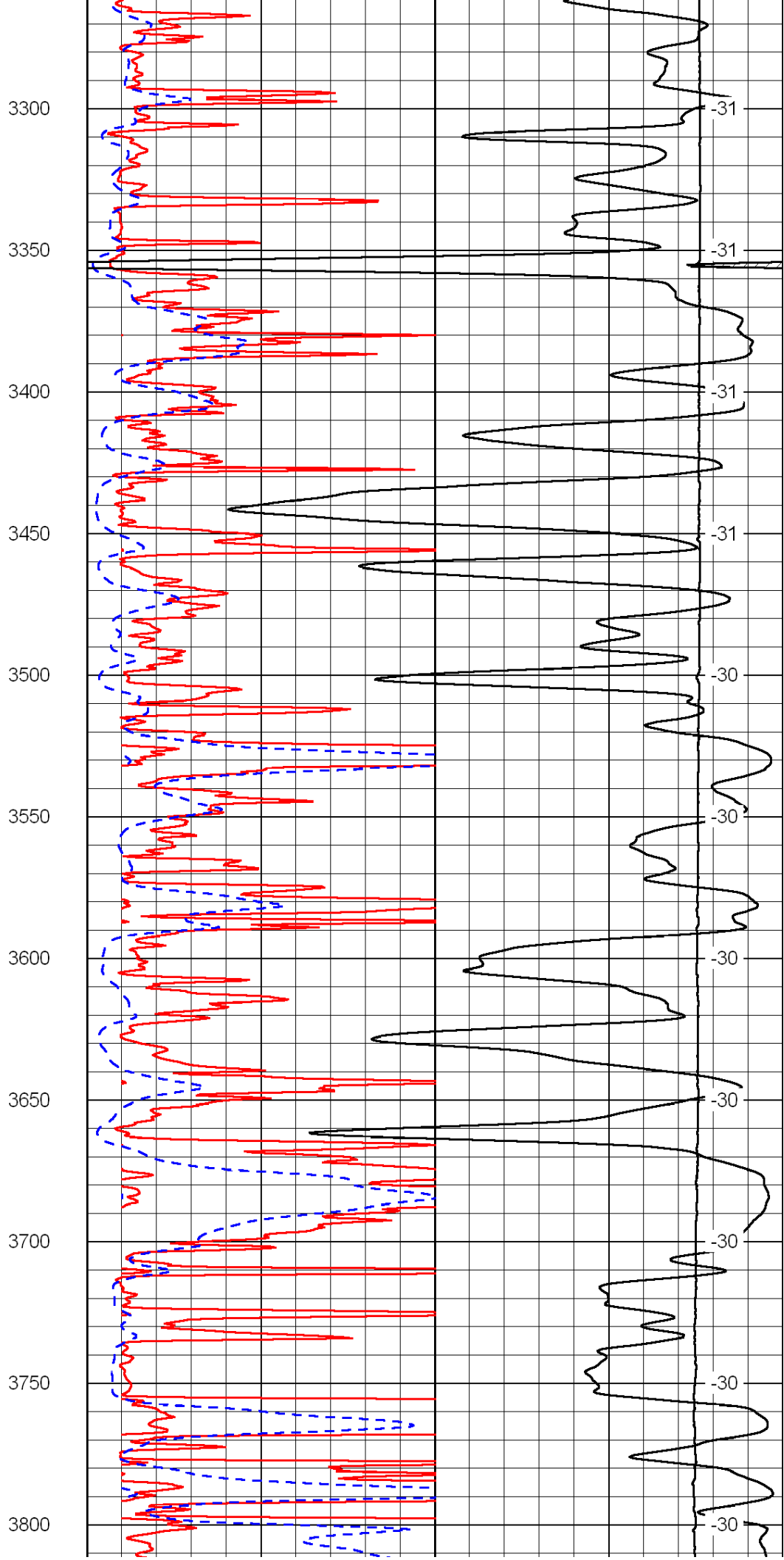
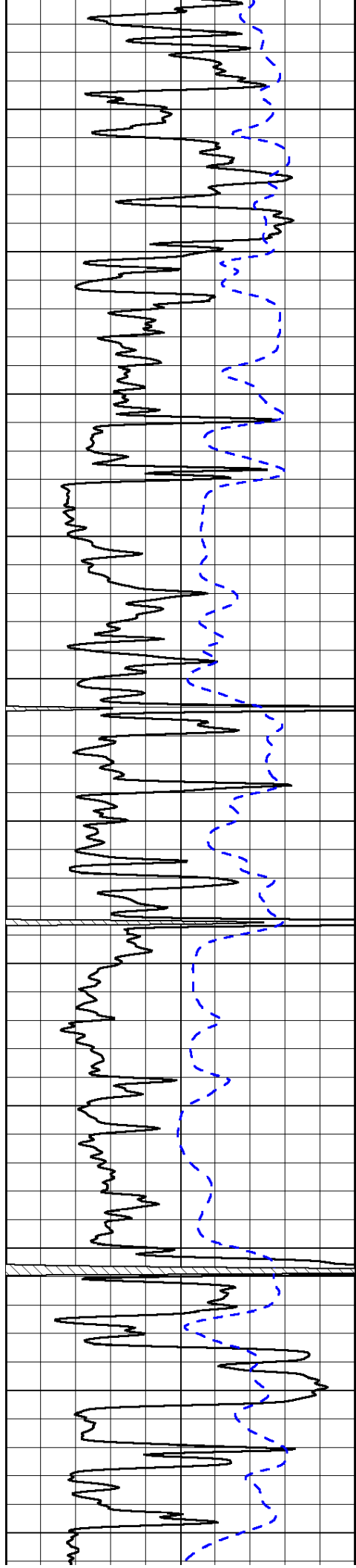
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50	Deep Resistivity	500



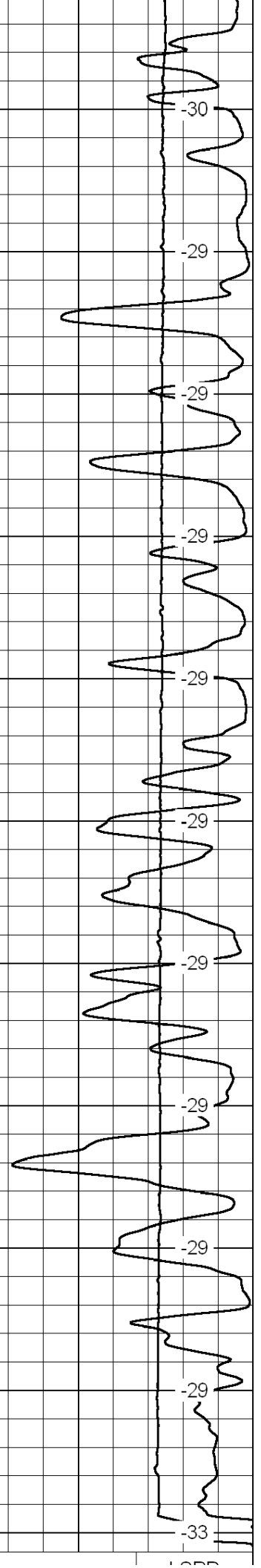
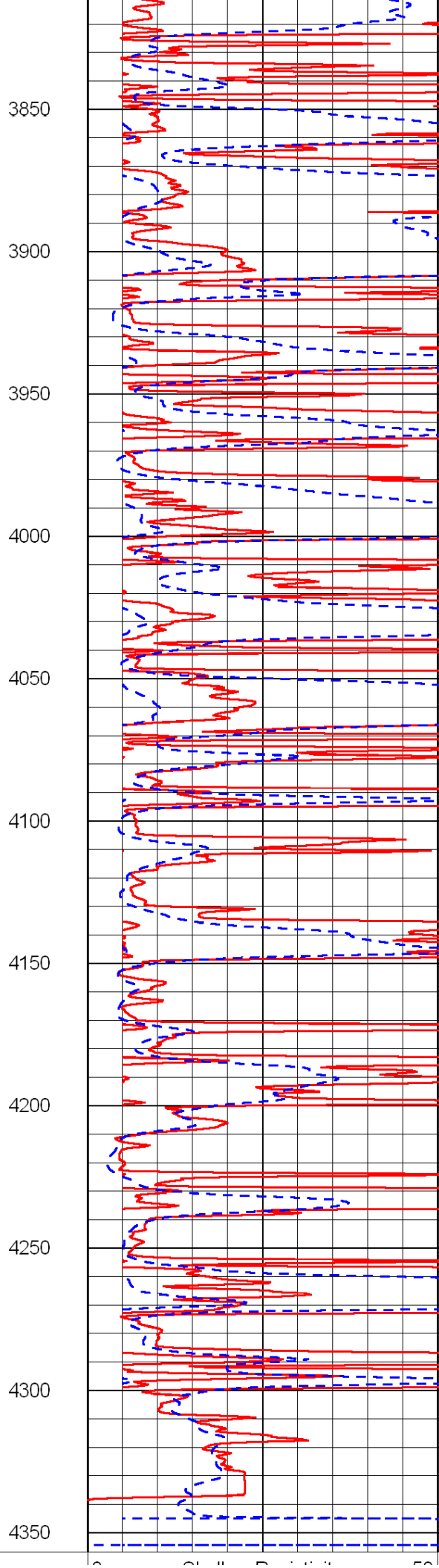
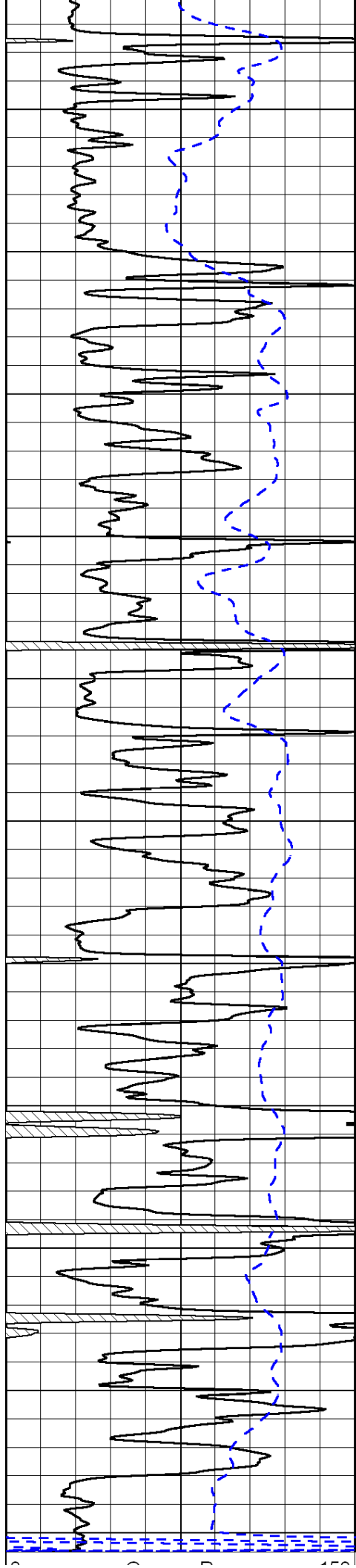








-31  
-31  
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0	Gamma Ray	150
-200	SP (mV)	0

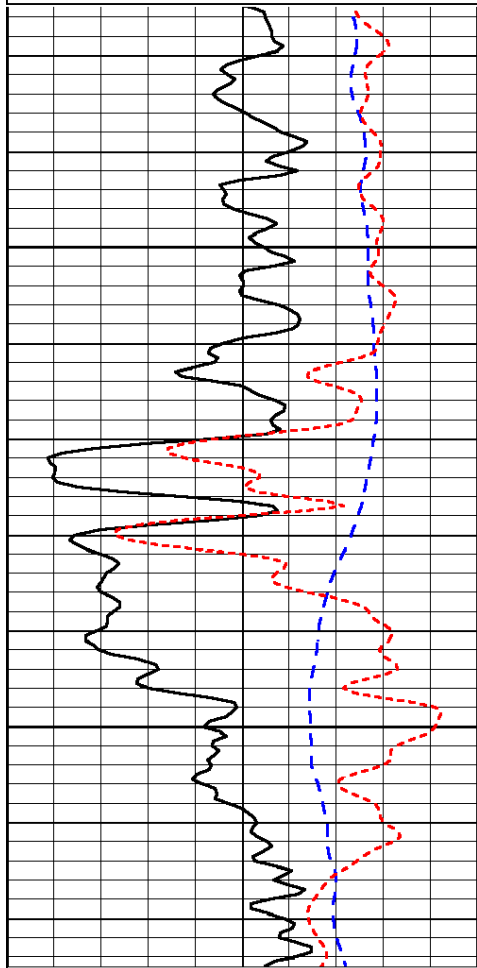
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File: c:\warrior\data\downing-nelson\_marvin saxton unit #1-30\downel111510hd.db  
 Dataset Pathname: dil/dnelstack  
 Presentation Format: dil  
 Dataset Creation: Mon Nov 15 05:58:11 2010  
 Charted by: Depth in Feet scaled 1:240

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

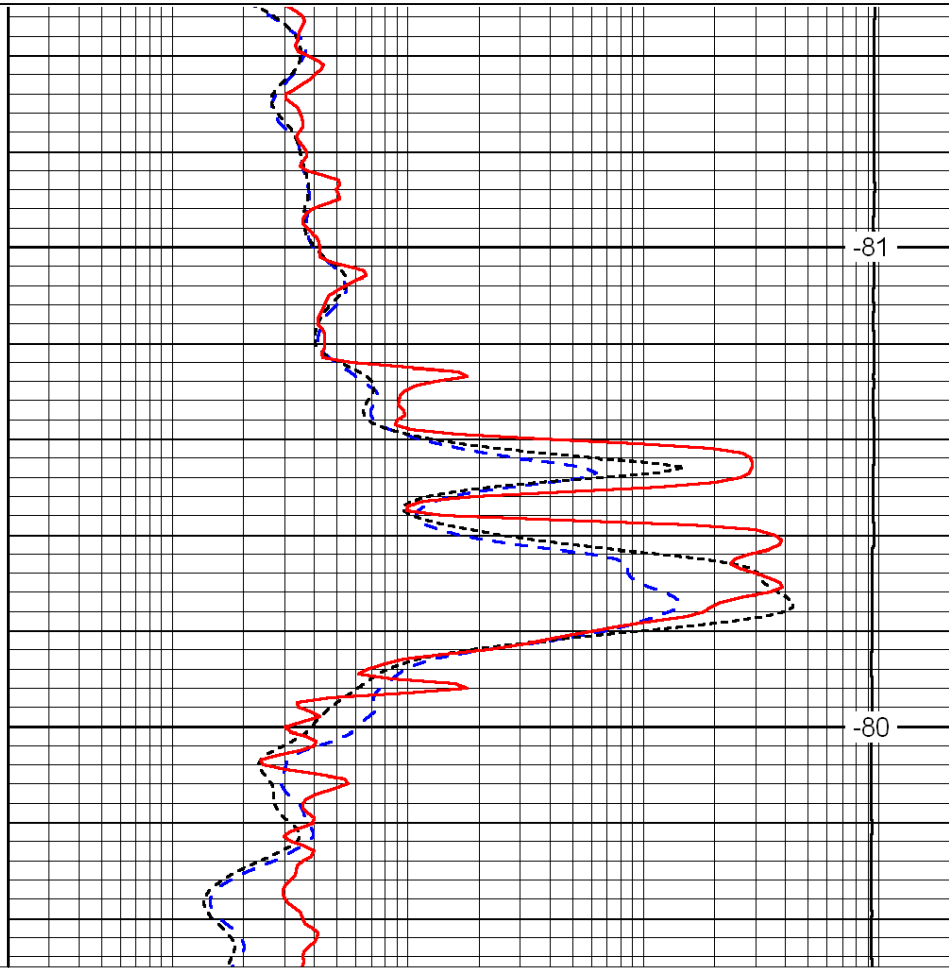
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



1350

1400



-81

-80

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

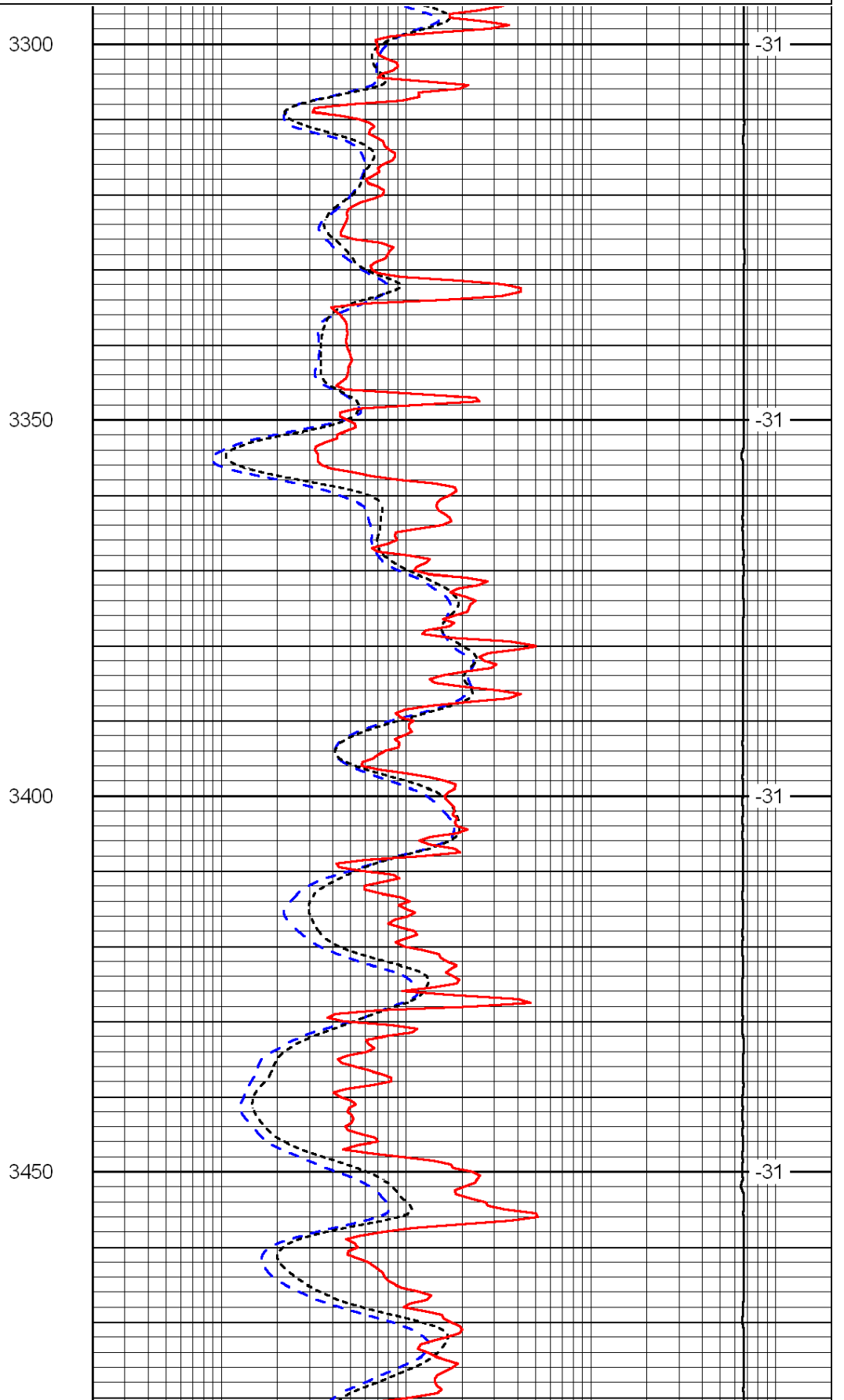
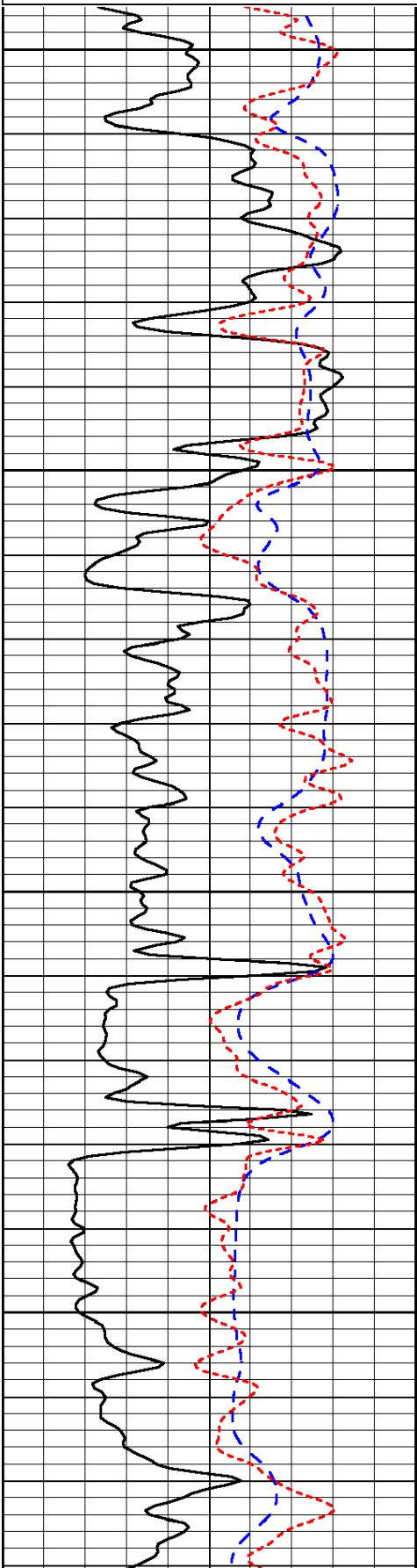
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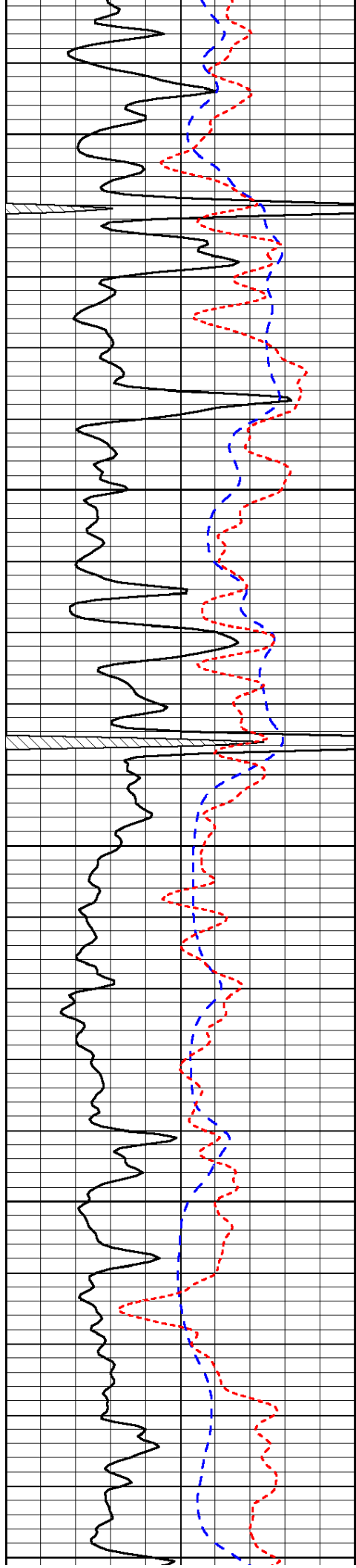
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 Presentation Format: dil

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





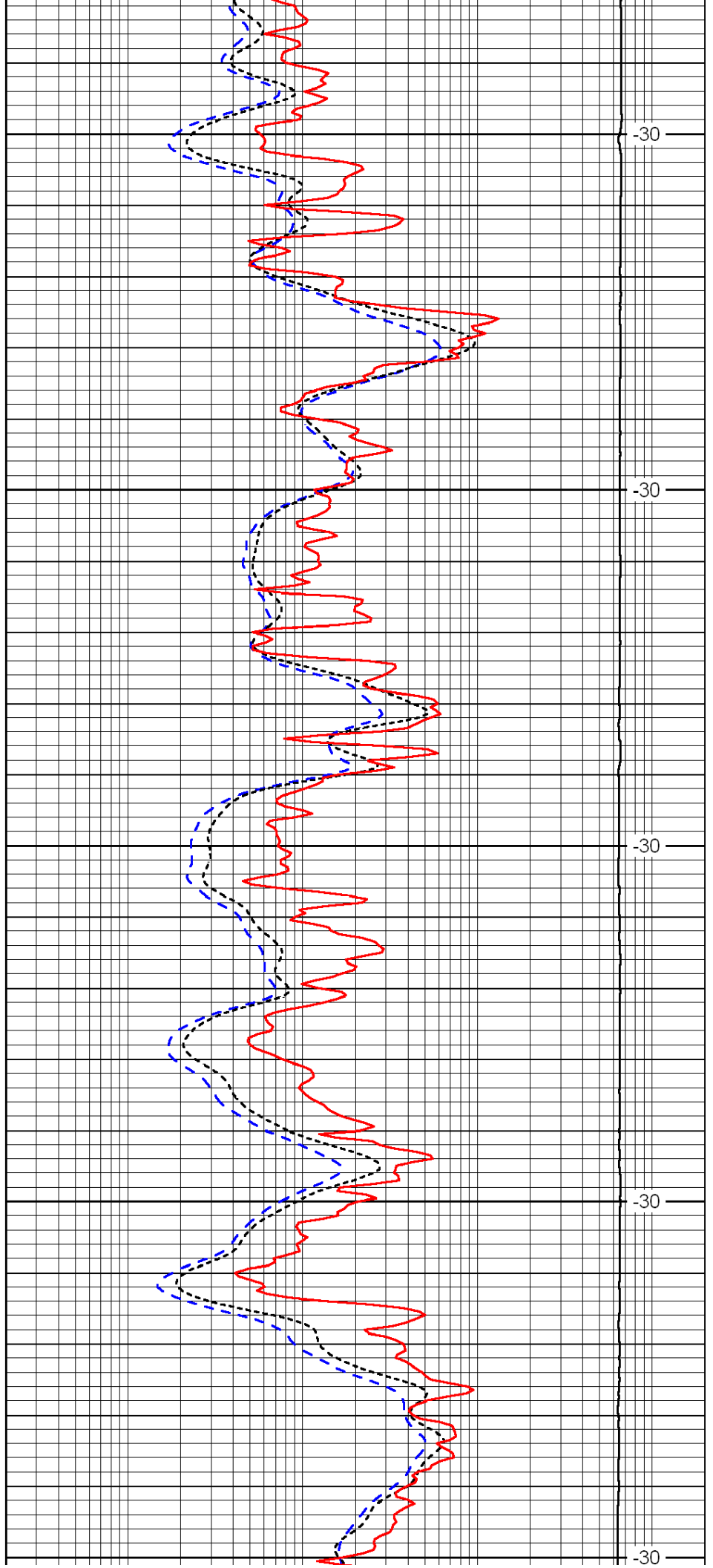
3500

3550

3600

3650

3700



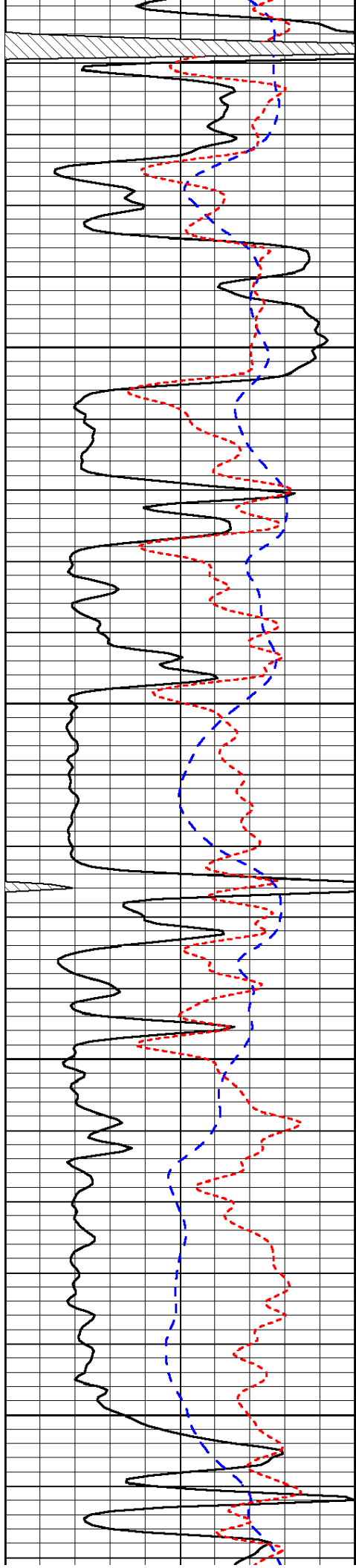
-30

-30

-30

-30

-30

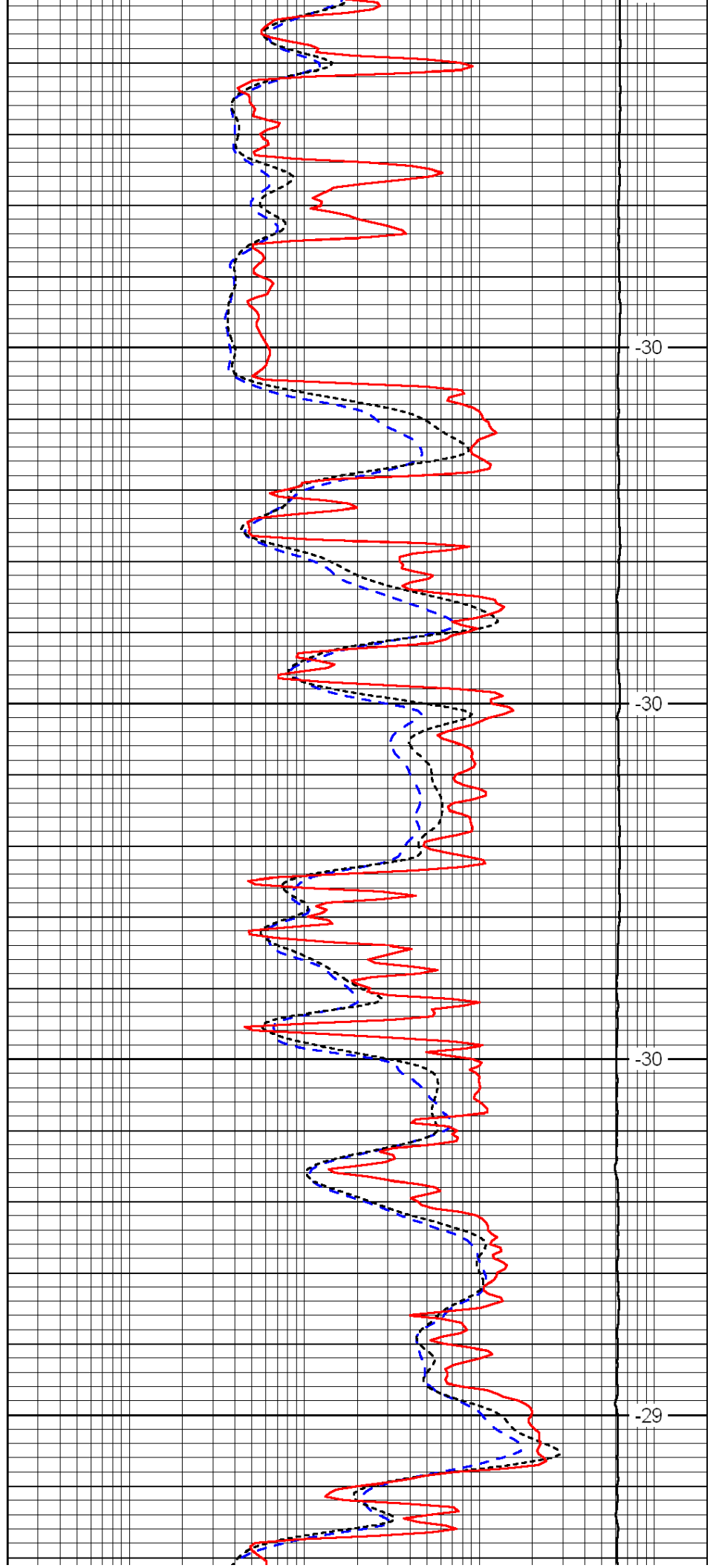


3750

3800

3850

3900

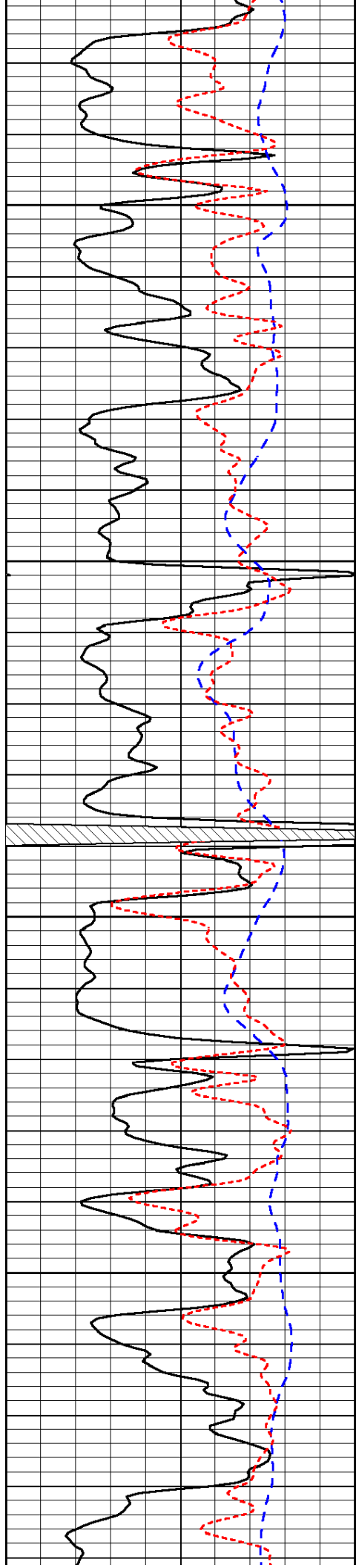


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-30

-30

-29

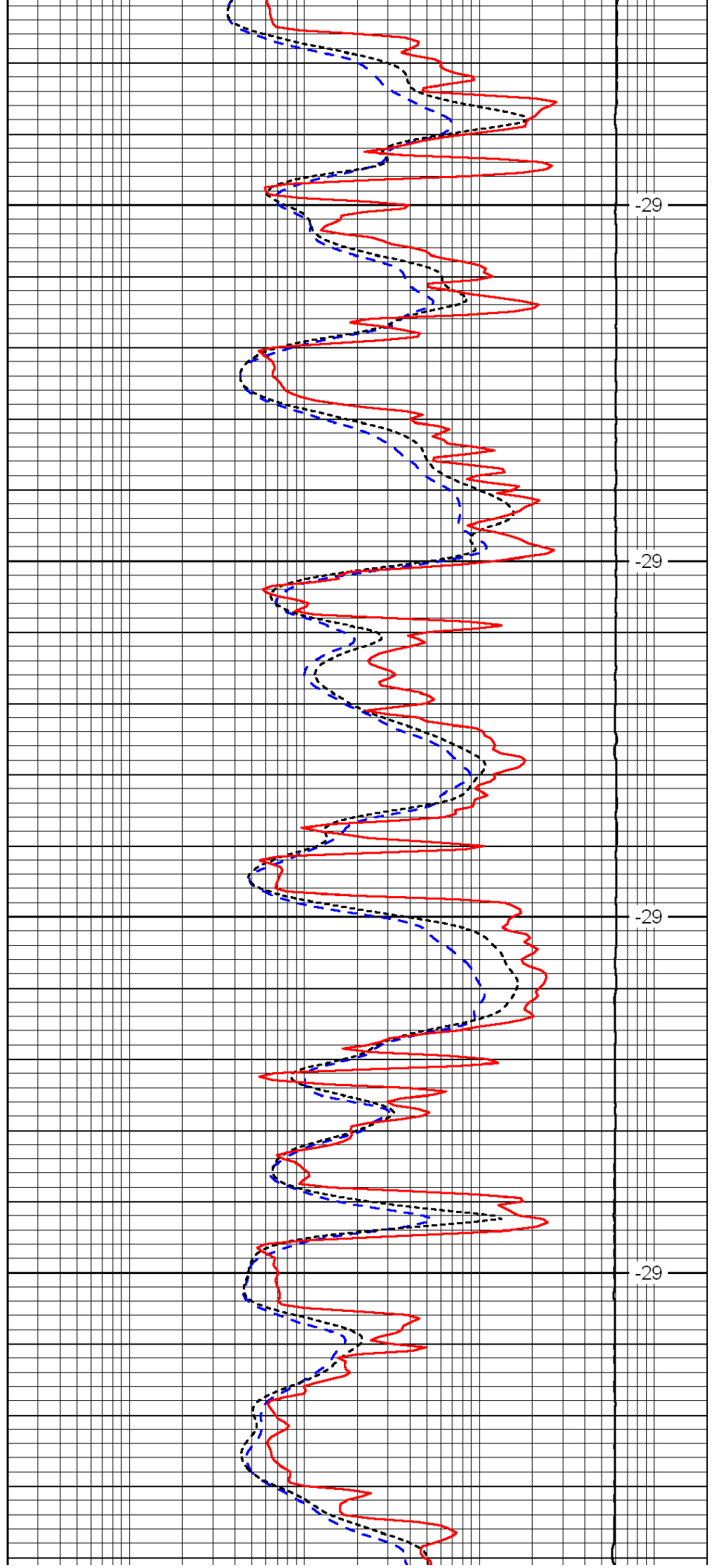


3950

4000

4050

4100

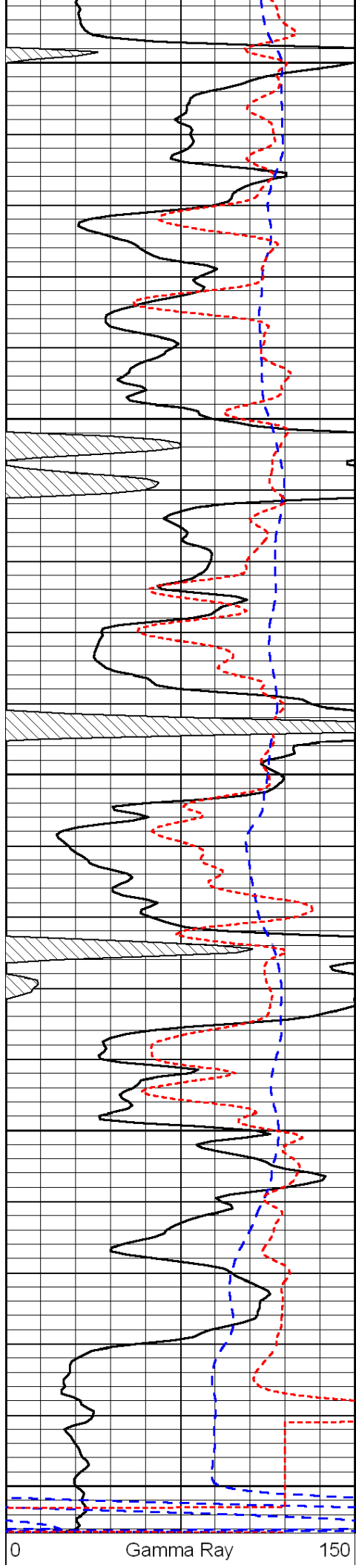


-29

-29

-29

-29



4150

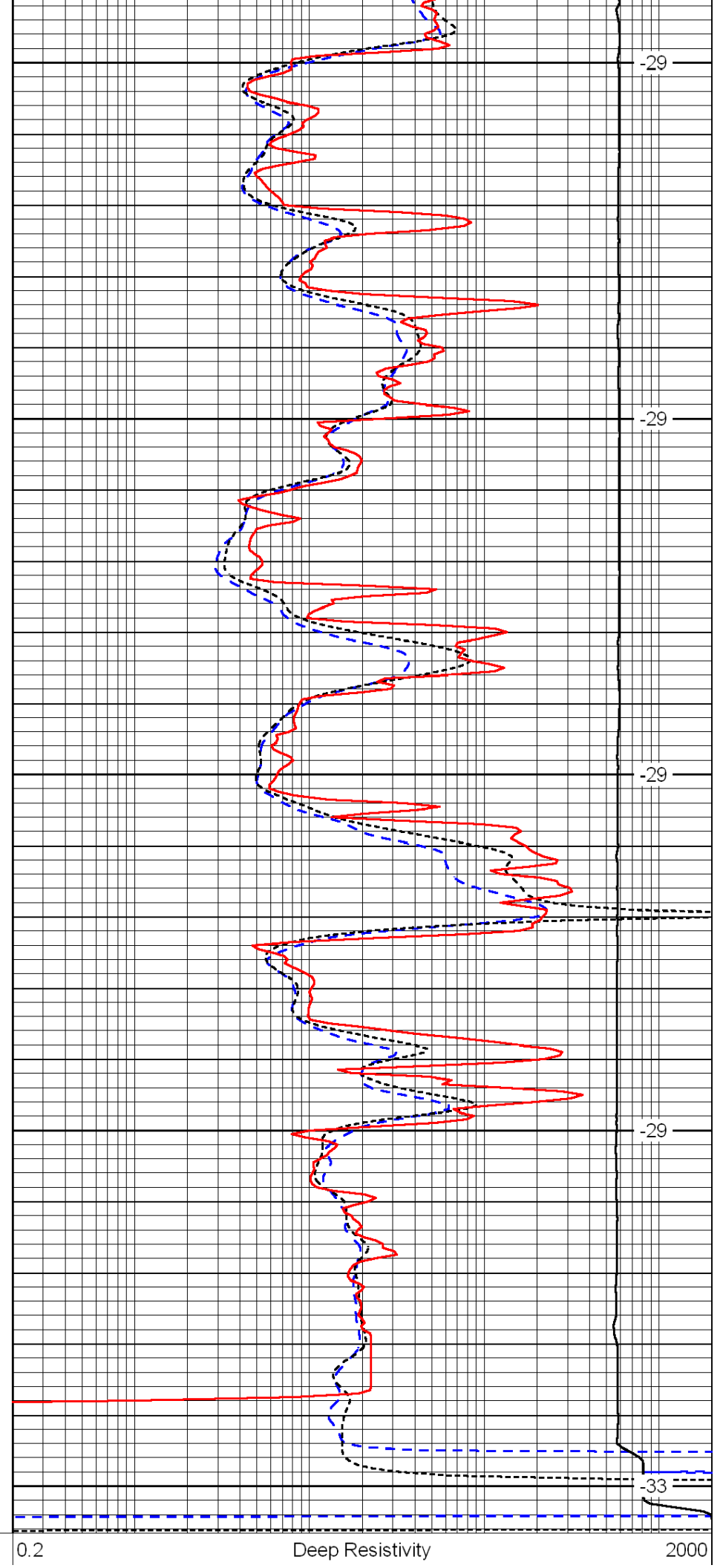
4200

4250

4300

4350

Gamma Ray



-29

-29

-29

-29

-33

Deep Resistivity

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

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

LSPD
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