



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company American Warrior, Inc.		
15-083-21,704-00-00	Well L. Ruff No. 1-25		
	Field Ruff		
	County Hodgeman State Kansas		
	Location	SW NW NE NE 520' FNL & 1,010' FEL	Other Services CNL/CDL MEI/BHCS
	Sec: 25	Twp: 22S	Rge: 22W
Permanent Datum	Ground Level	Elevation 2256	Elevation
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	K.B. 2267
Drilling Measured From	Kelly Bushing		D.F. 2256
			G.L. 2256
Date	5/21/2011		
Run Number	One		
Depth Driller	4600		
Depth Logger	4600		
Bottom Logged Interval	4599		
Top Log Interval	250		
Casing Driller	8.625 @ 267		
Casing Logger	267		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	11800		
Density / Viscosity	9.2 59		
pH / Fluid Loss	9.0 18.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	.40 @ 74		
Rmf @ Meas. Temp	.30 @ 74		
Rmc @ Meas. Temp	.54 @ 74		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.24 @ 122		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	122		
Equipment Number	10		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Harley Sayles		

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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

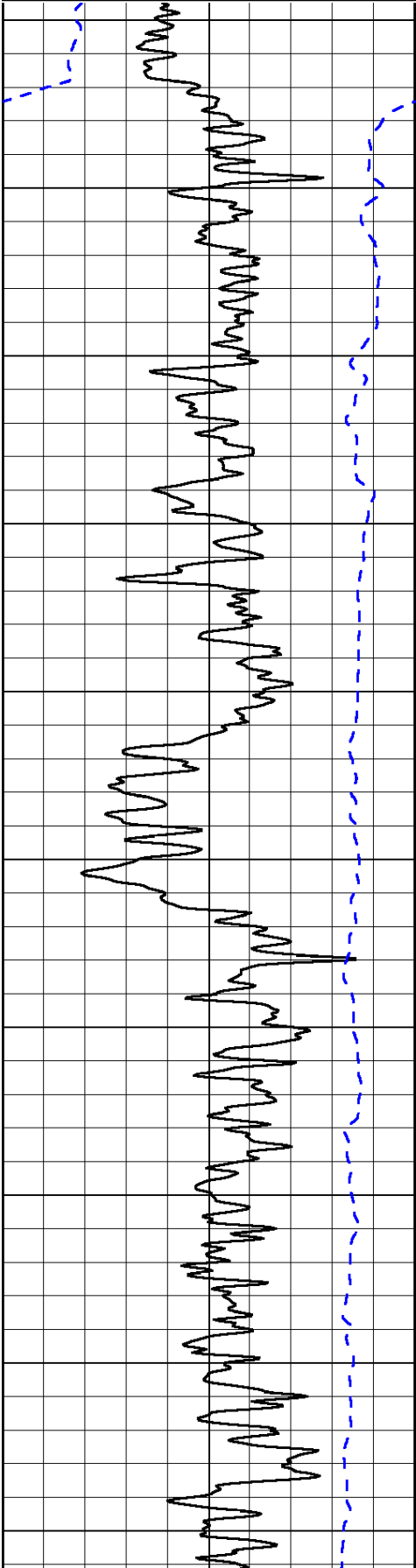
Thank you for using Log-Tech, Inc.
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Hanston, 3/4 South on Highway Avenue to O Road, 1 3/4 East, South Into

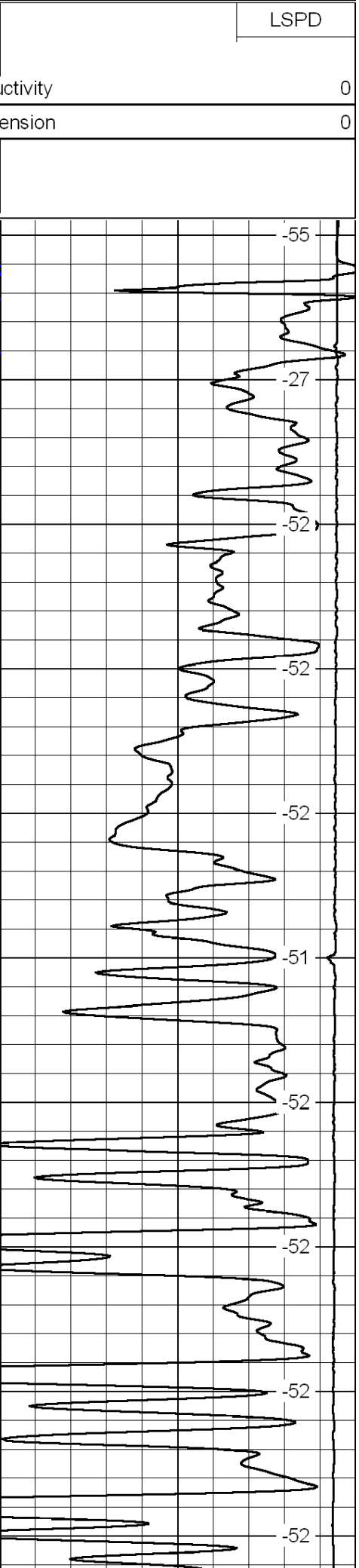
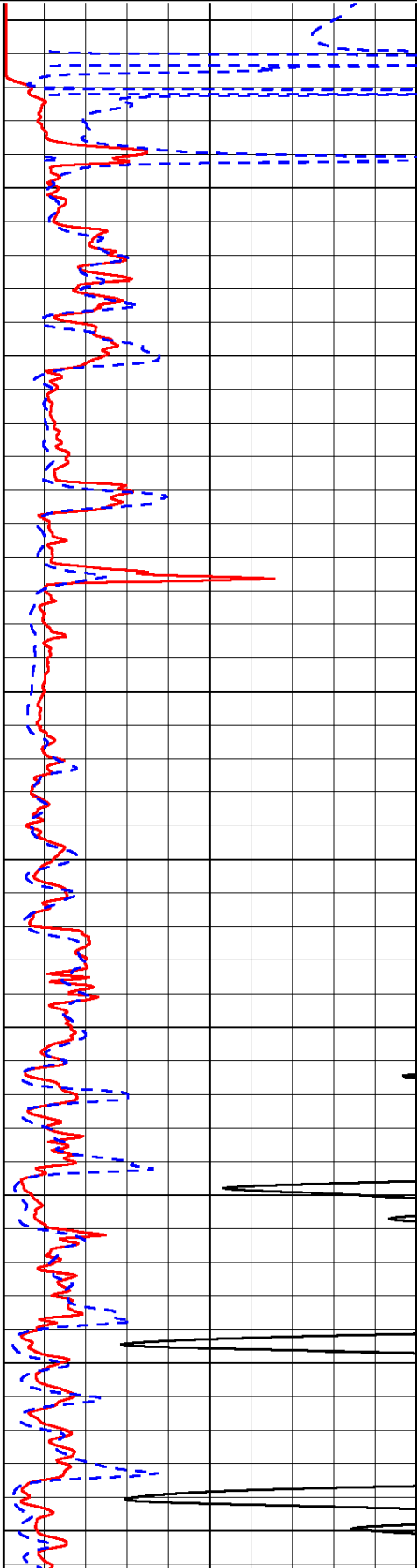
Database File: c:\warrior\data\amwar_l. ruff no. 1-25\amwarrior_l_ruff_1-25hd.db
Dataset Pathname: dil\awstck
Presentation Format: dil2in
Dataset Creation: Sat May 21 20:10:28 2011
Charted by: Depth in Feet scaled 1:600

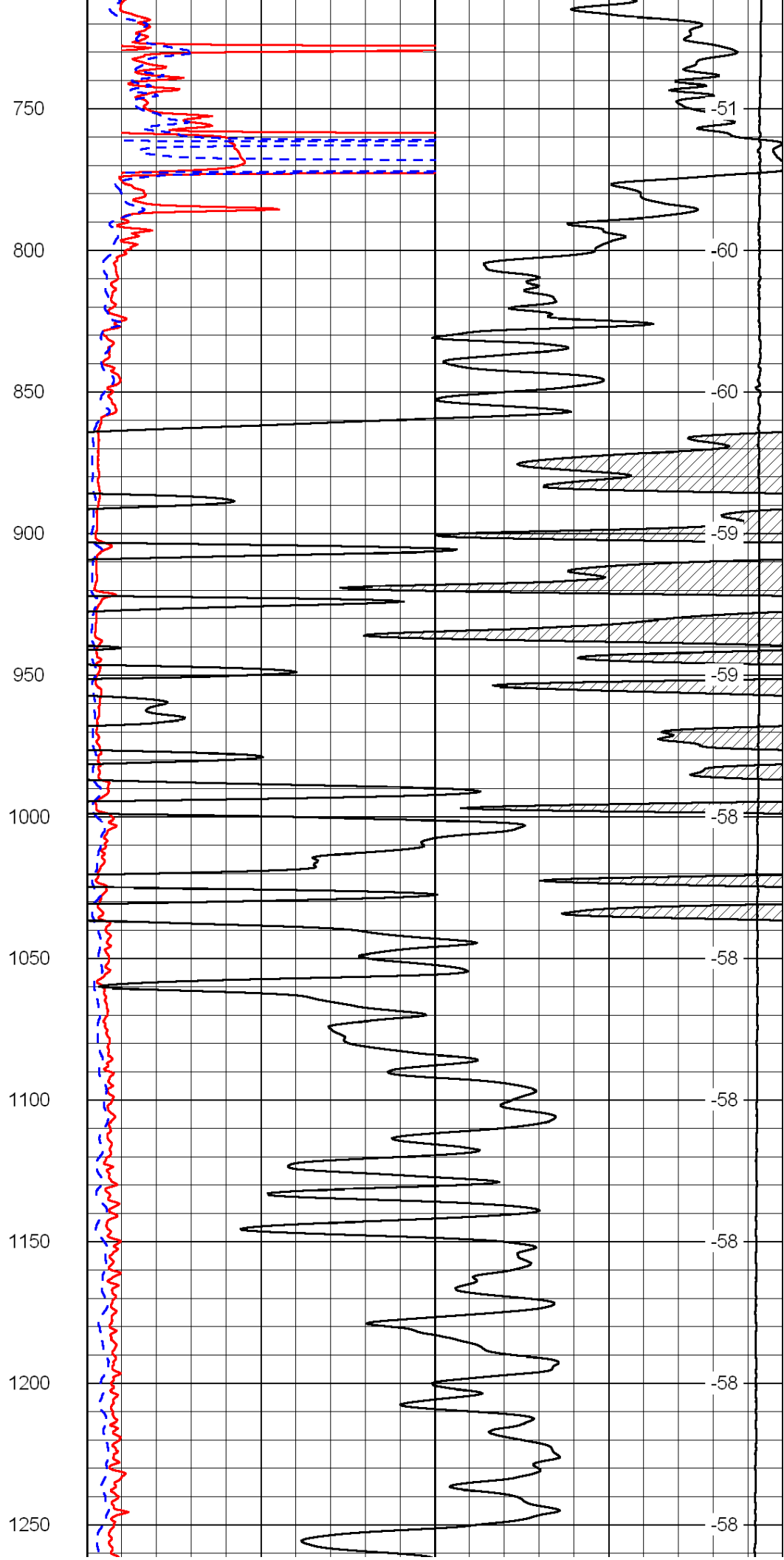
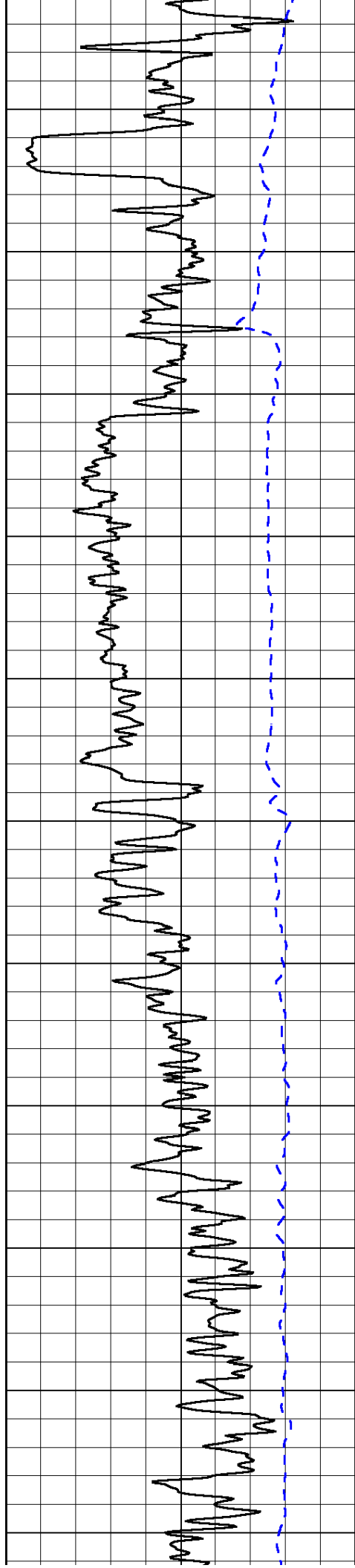
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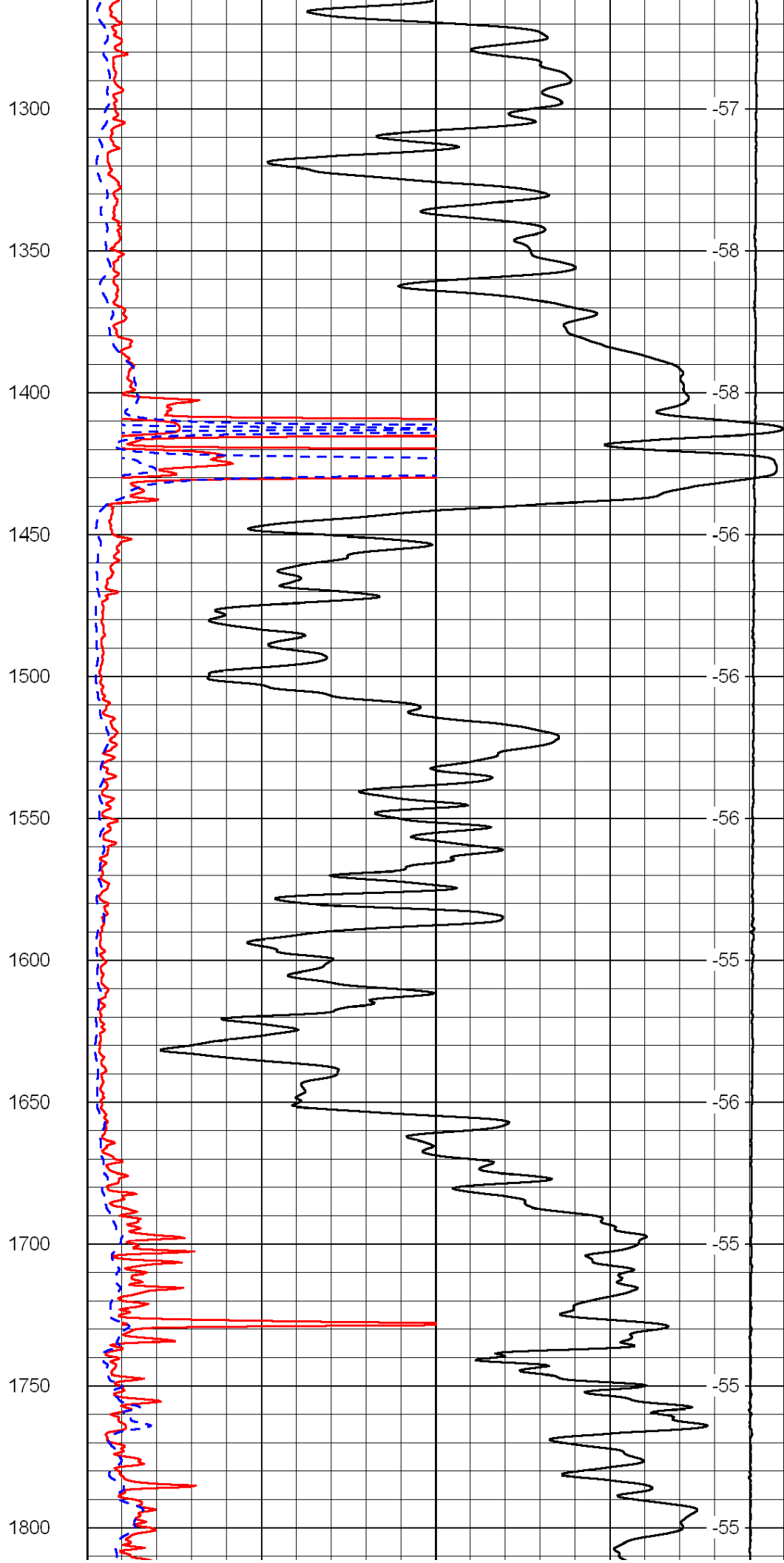
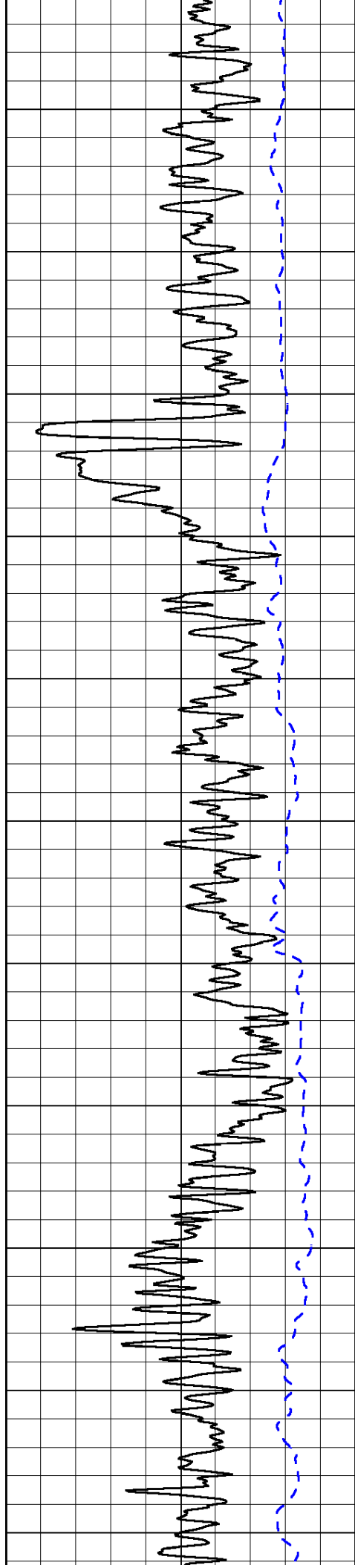
0	Gamma Ray	150
-200	SP (mV)	0

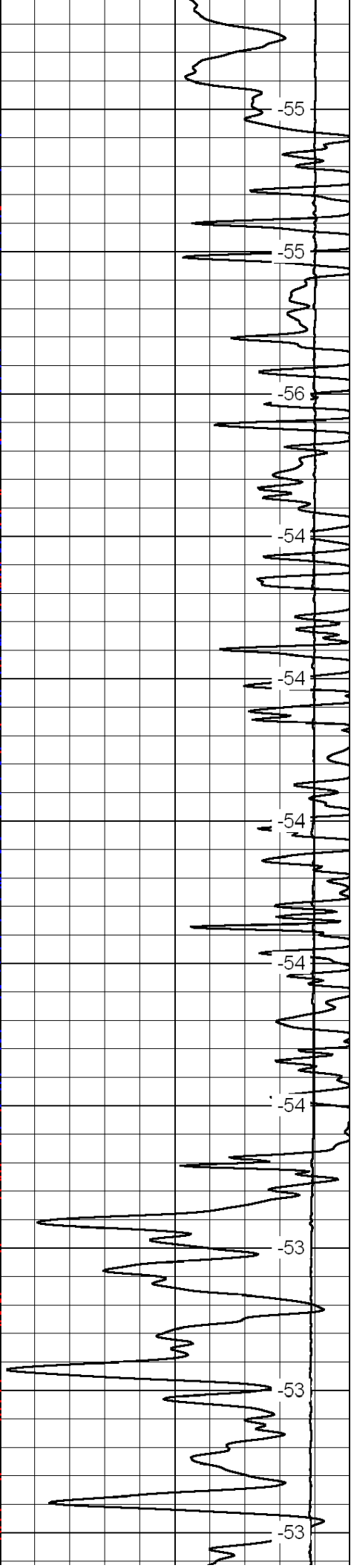
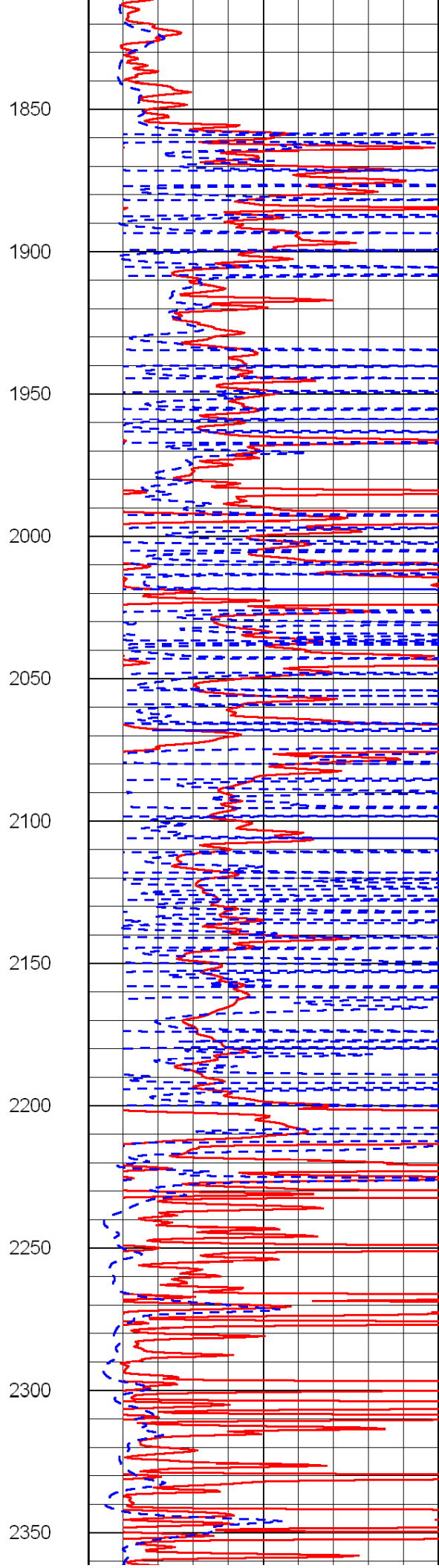
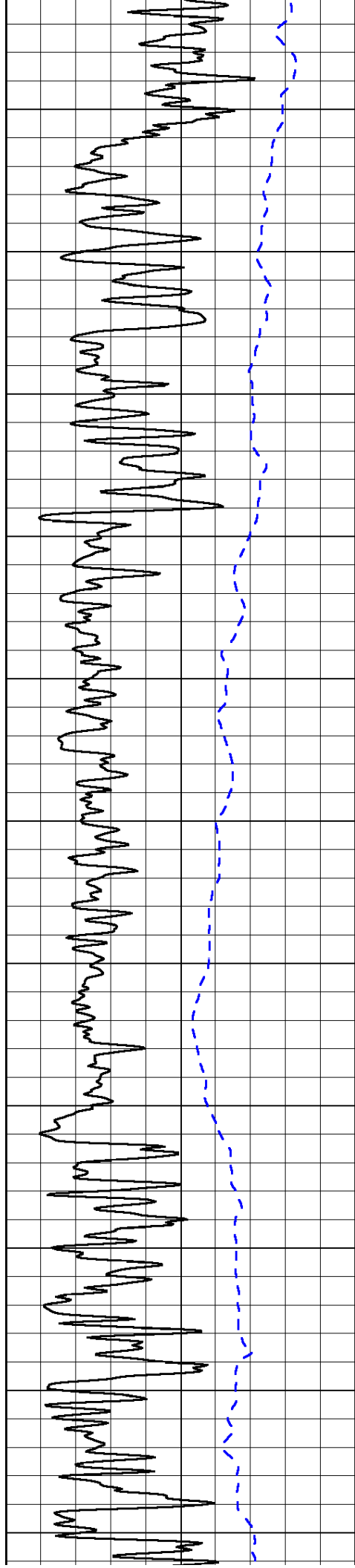


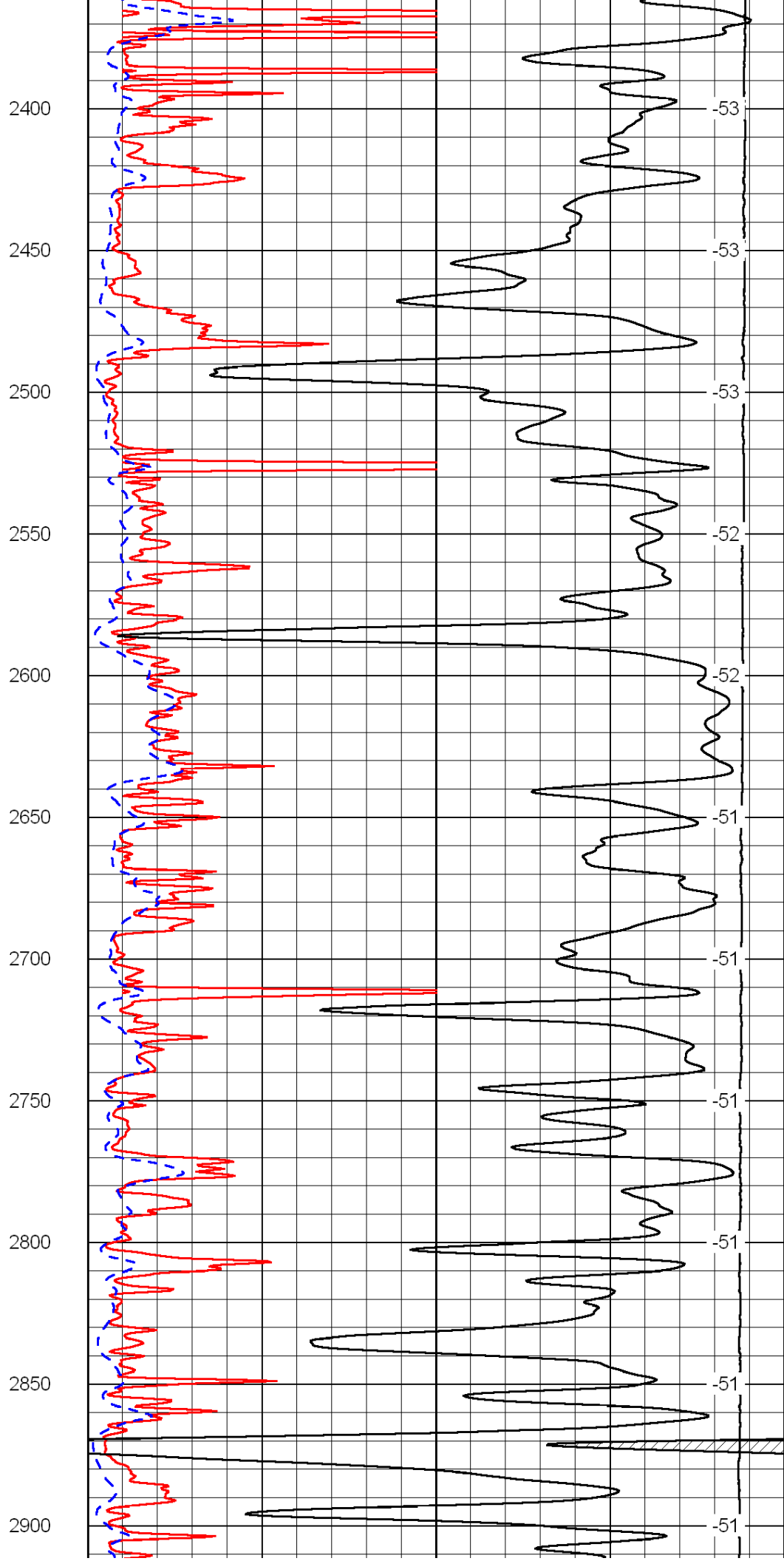
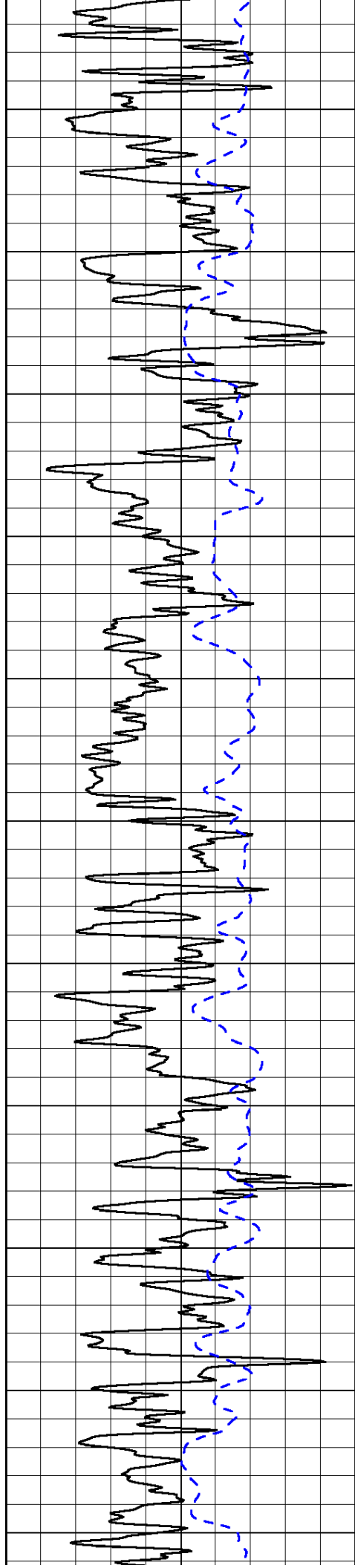
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

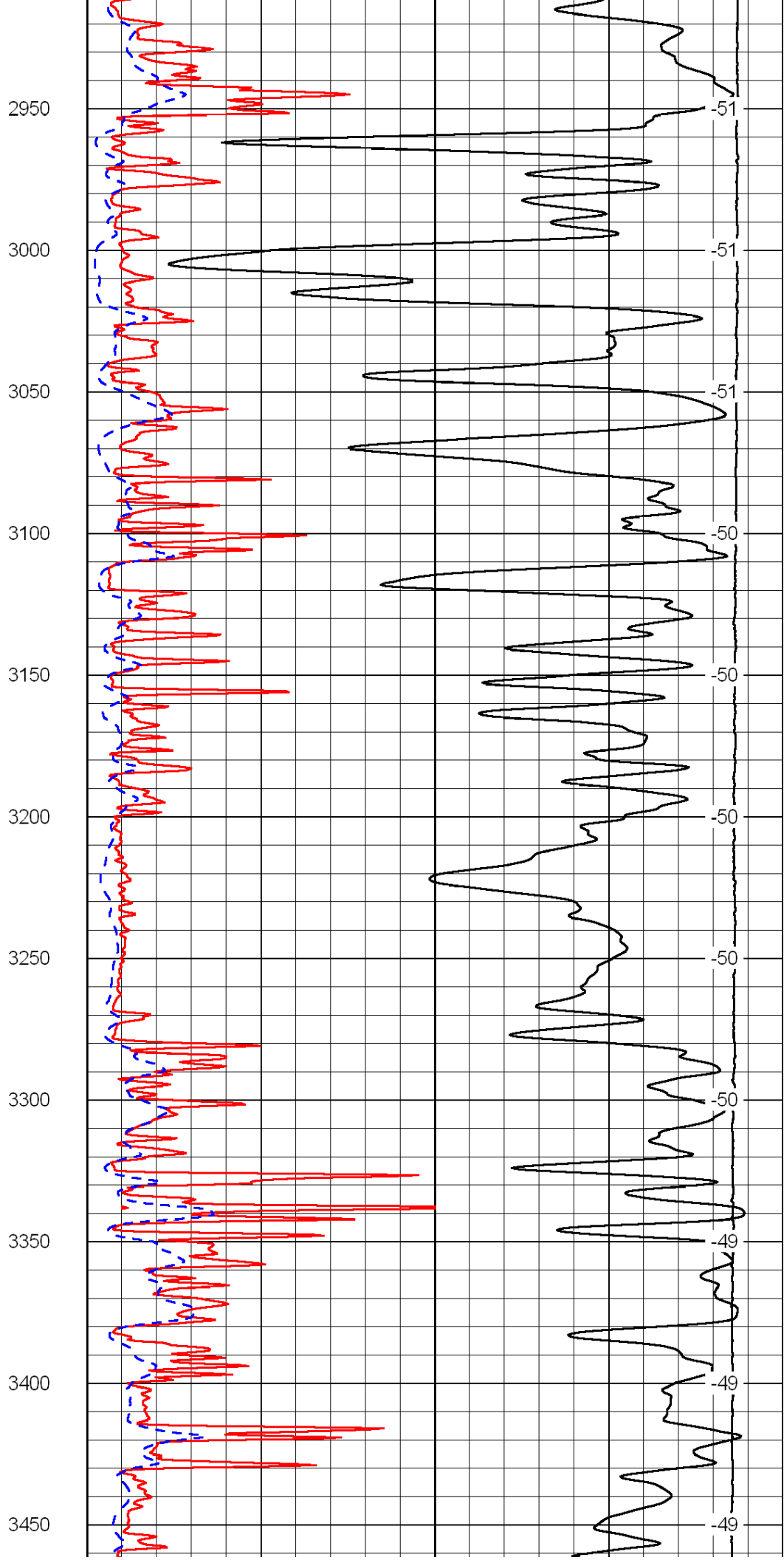
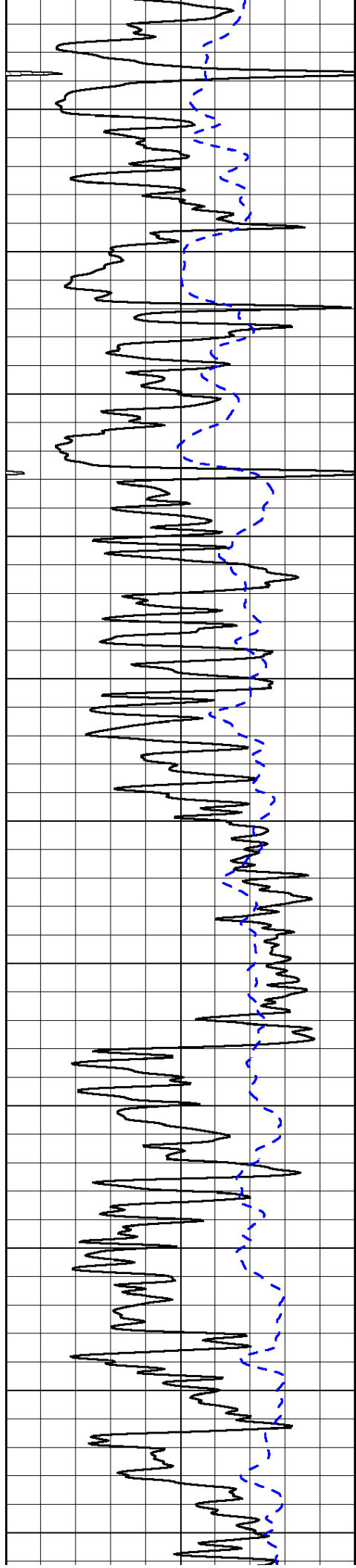


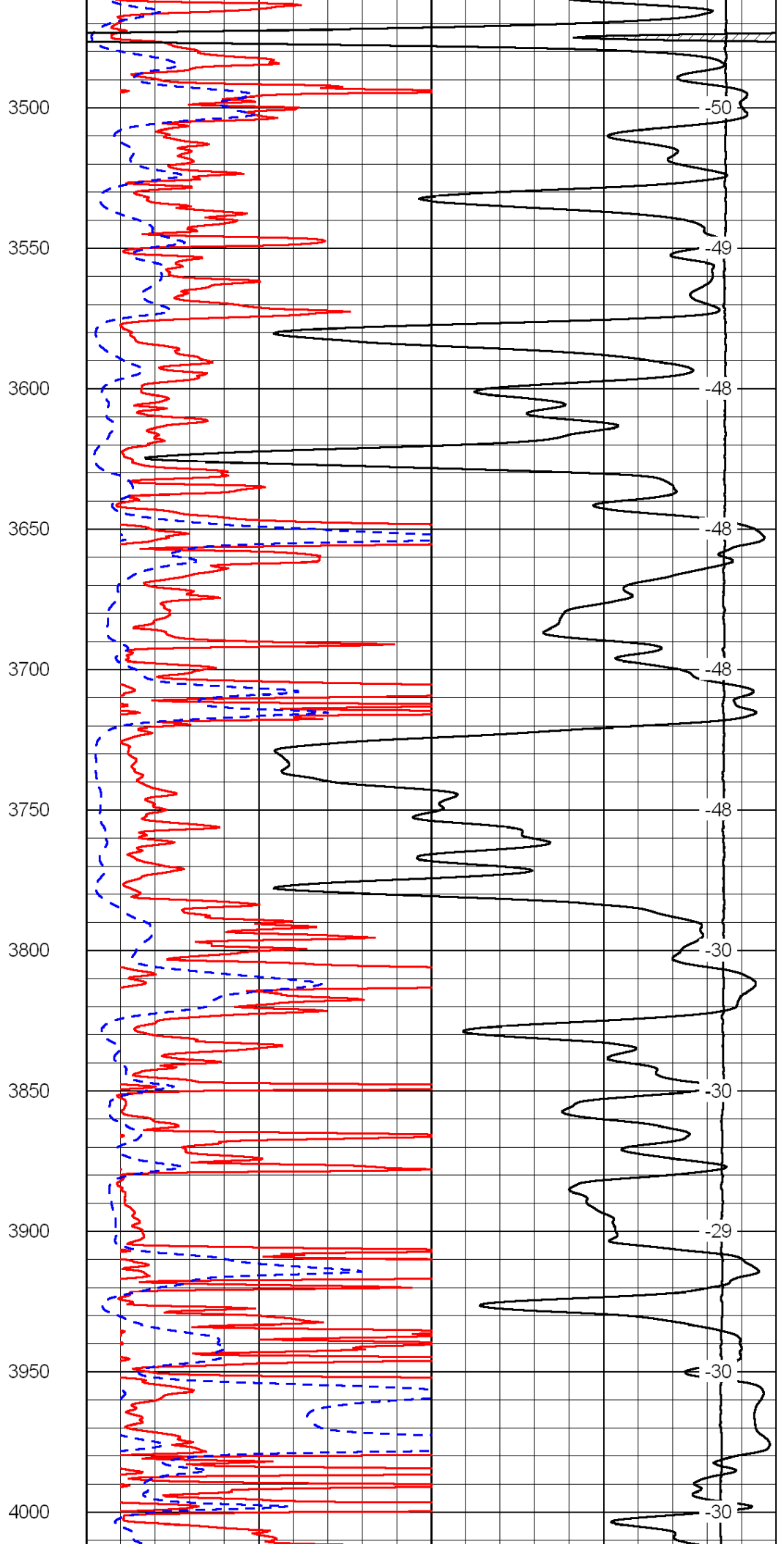
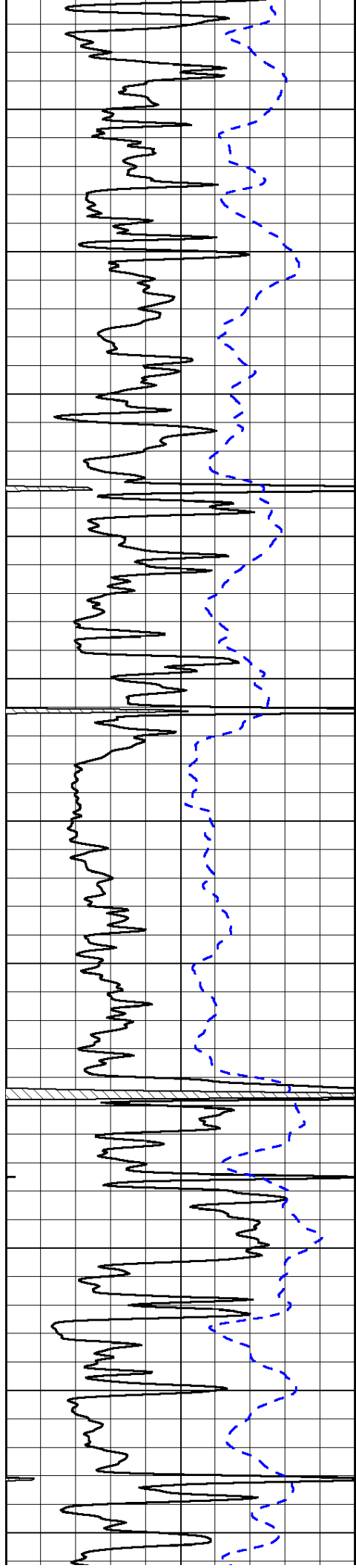


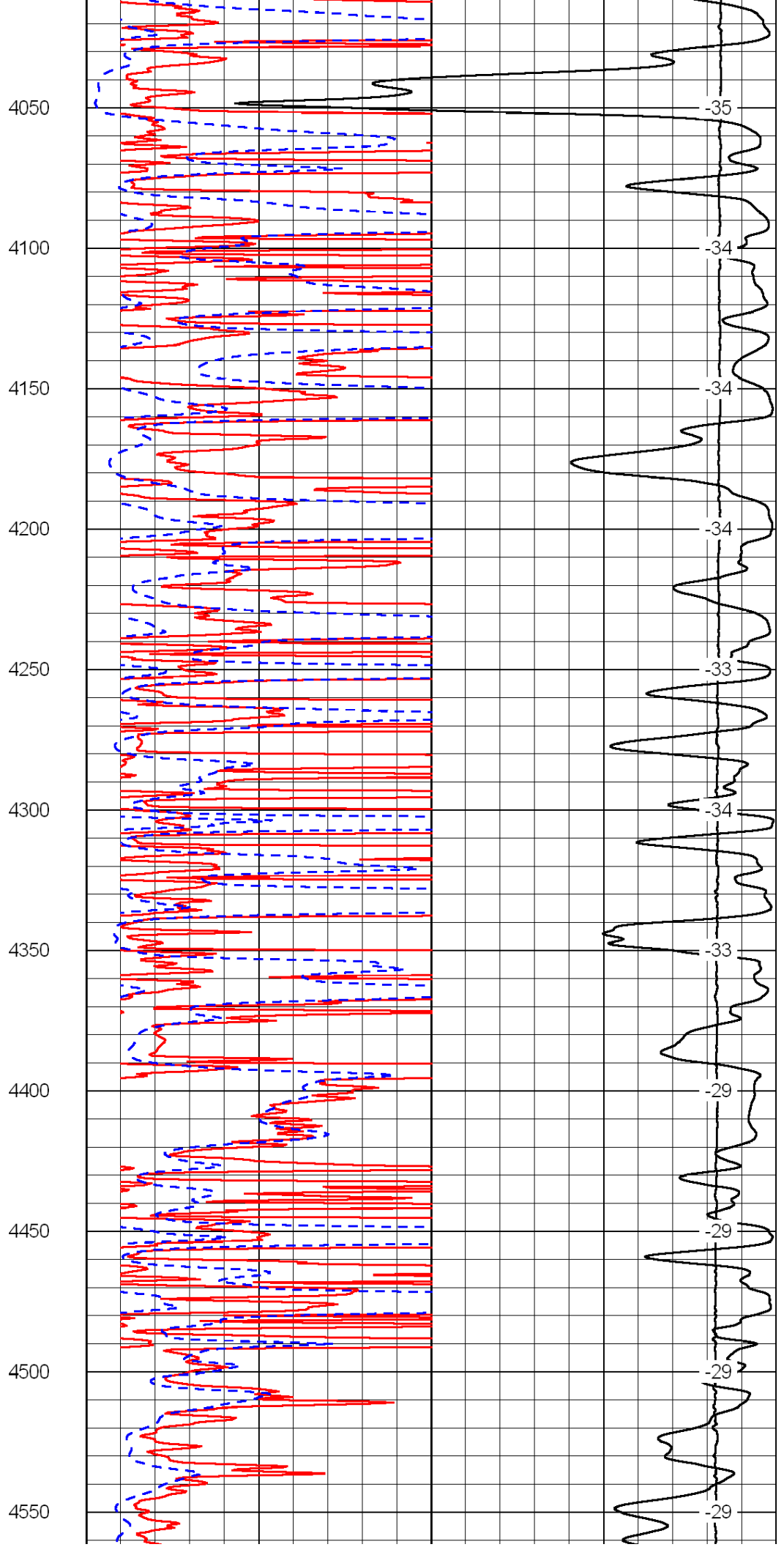
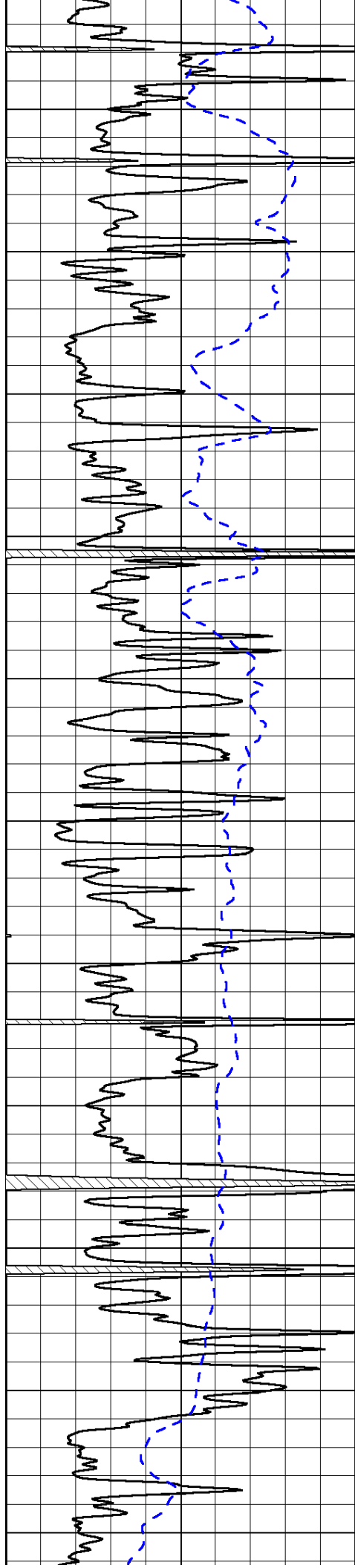


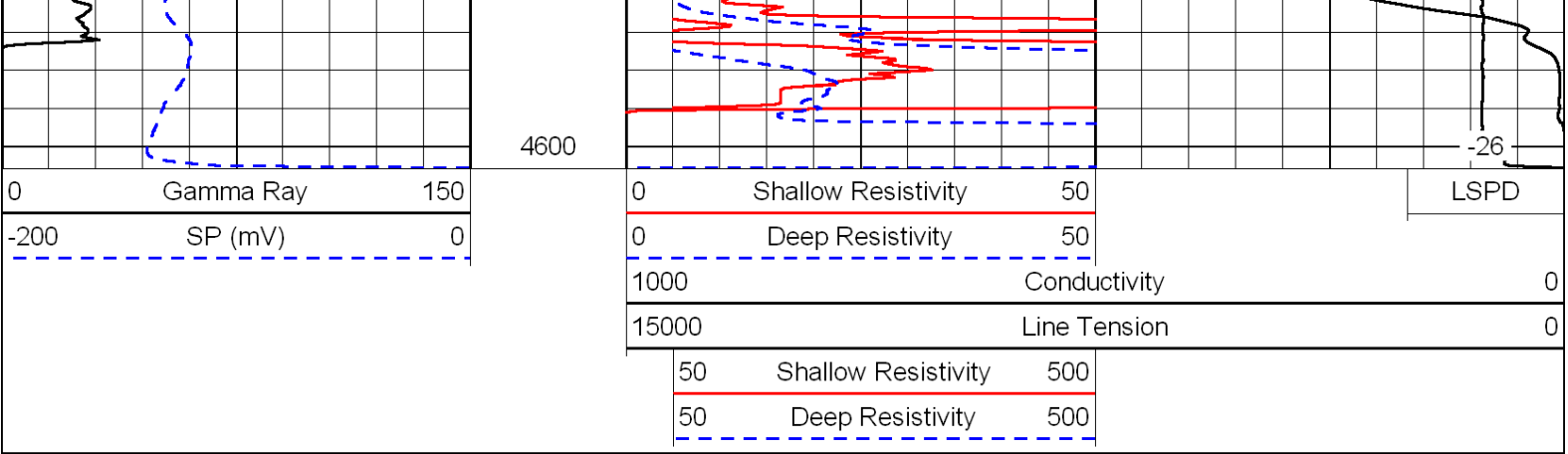




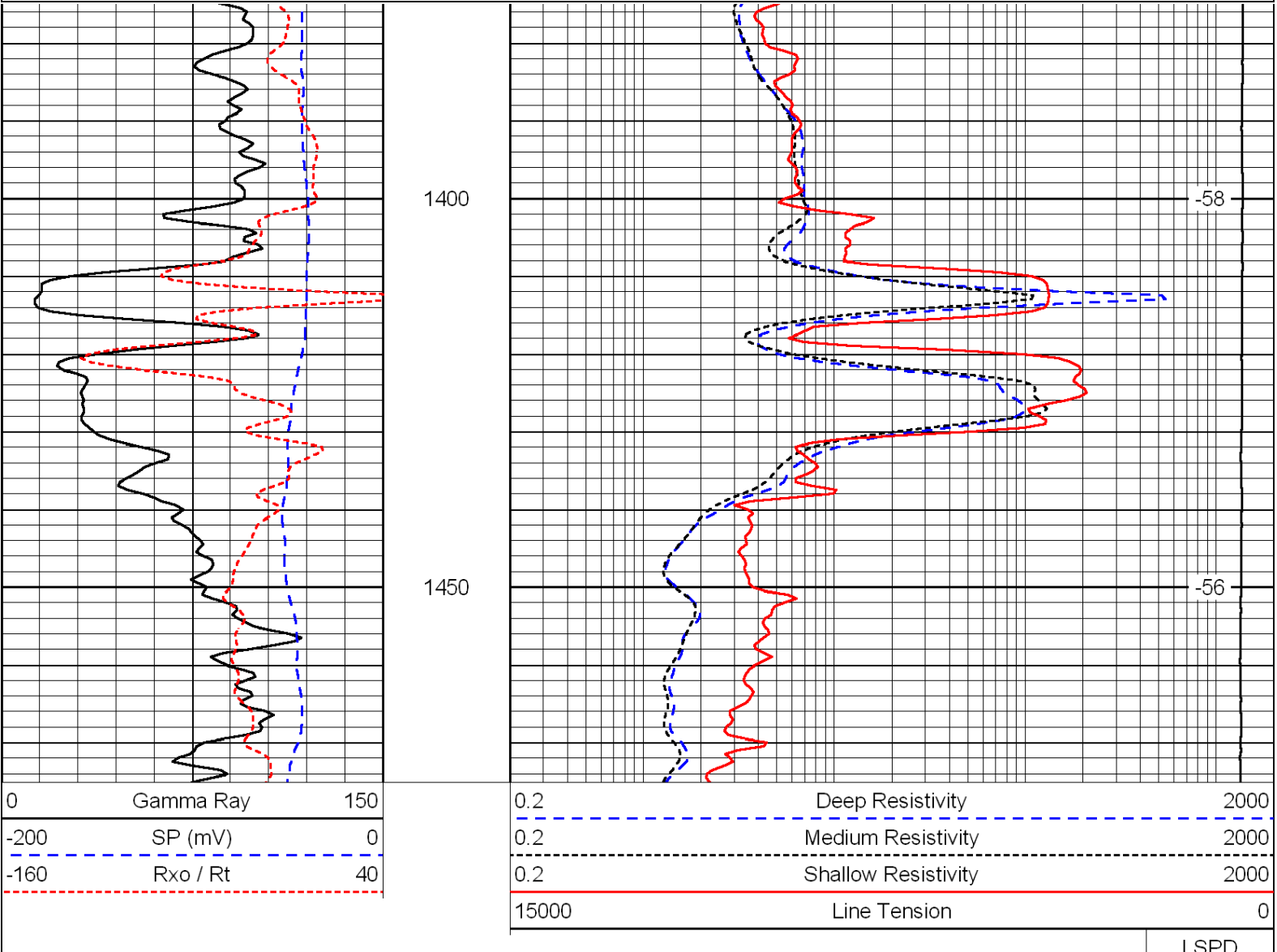
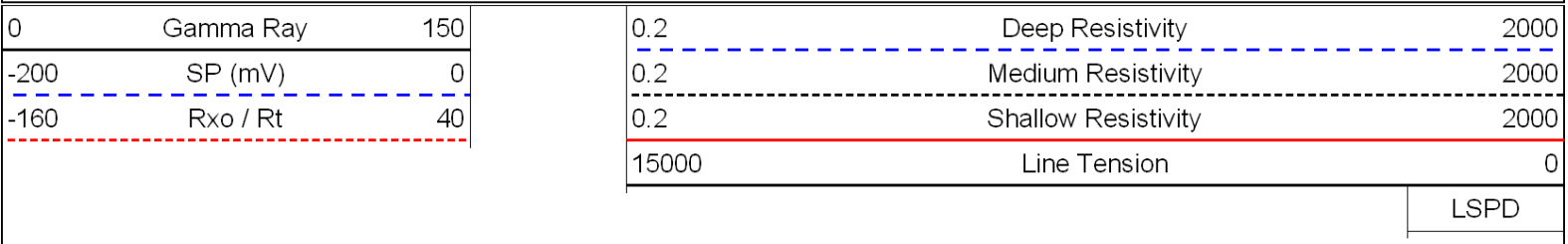








Database File: c:\warrior\data\amwar_l. ruff no. 1-25\amwarrior_lruff_1-25hd.db
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Presentation Format: dil
Dataset Creation: Sat May 21 20:10:28 2011
Charted by: Depth in Feet scaled 1:240

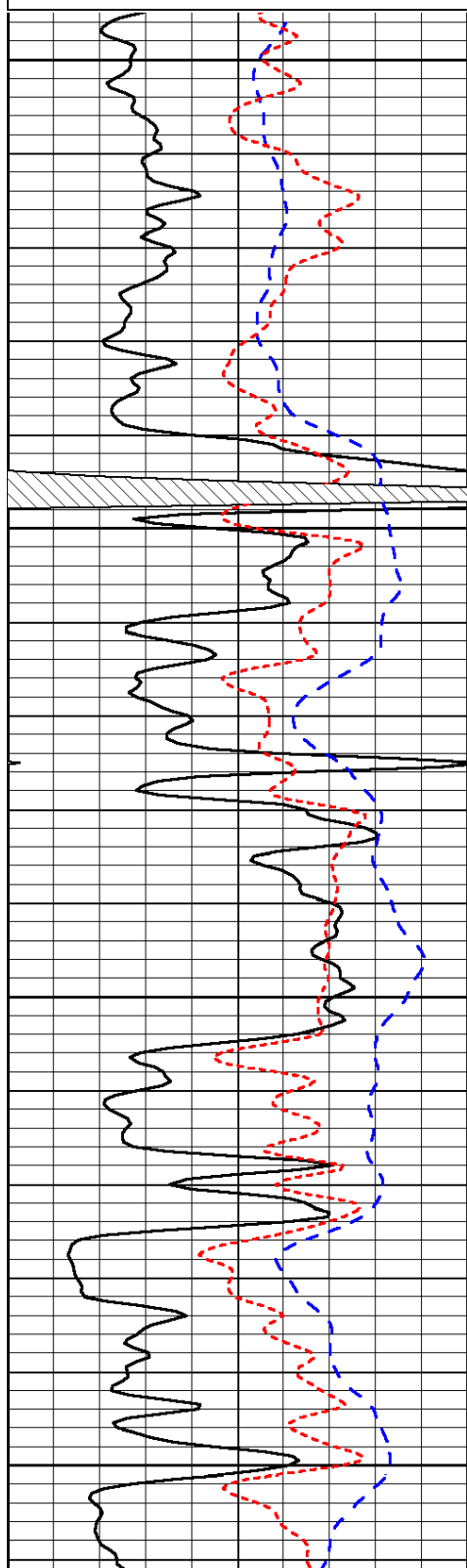


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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD

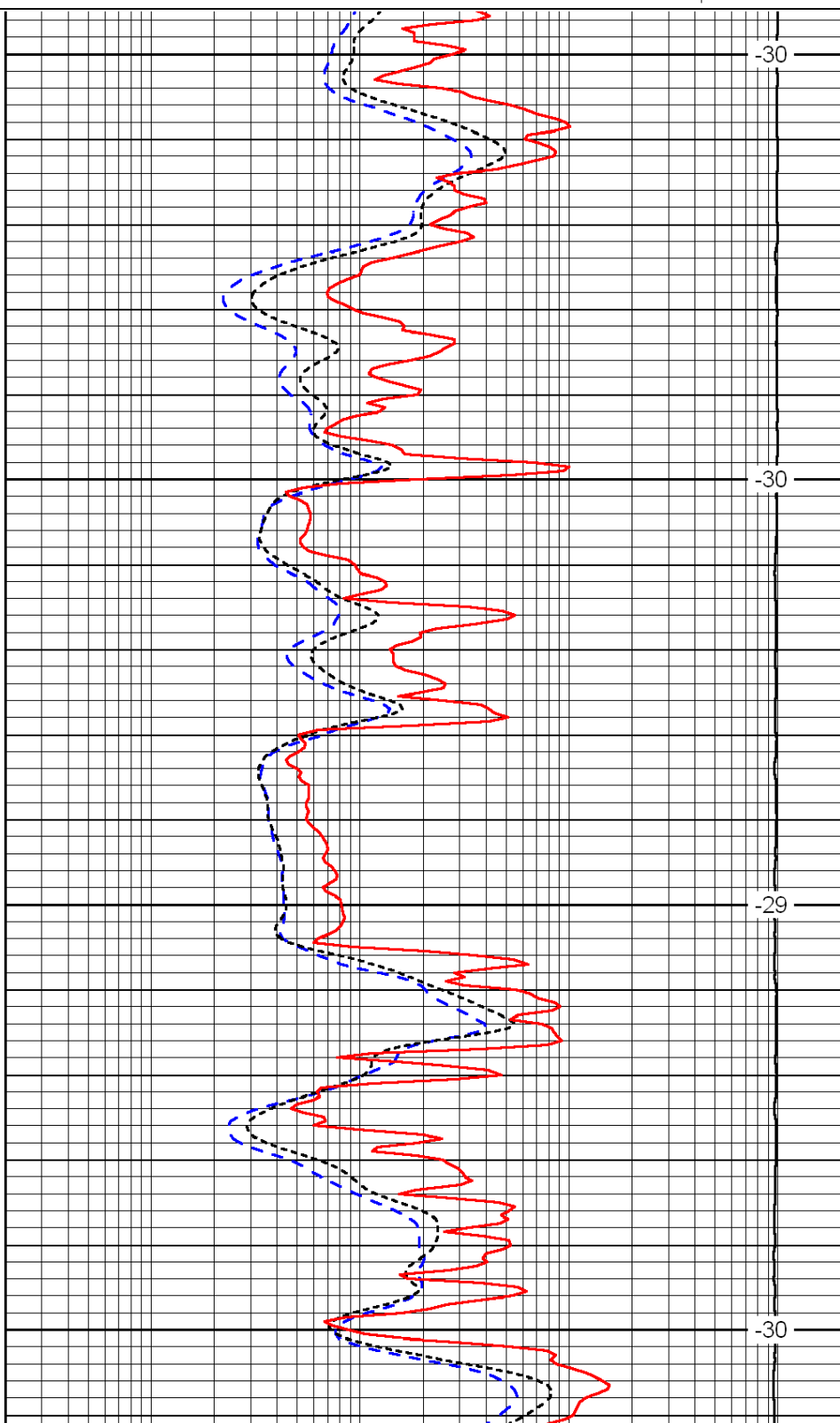


3800

3850

3900

3950

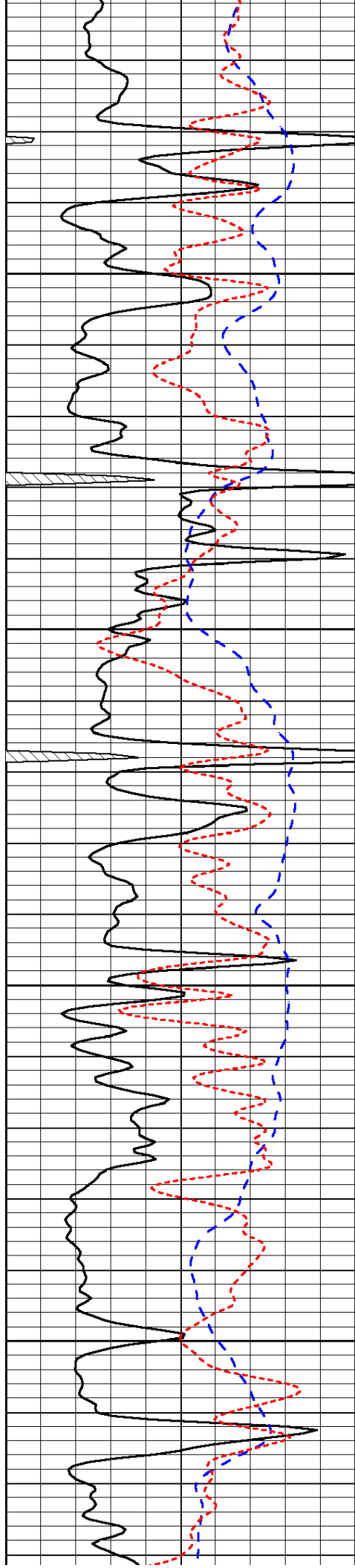


-30

-30

-29

-30

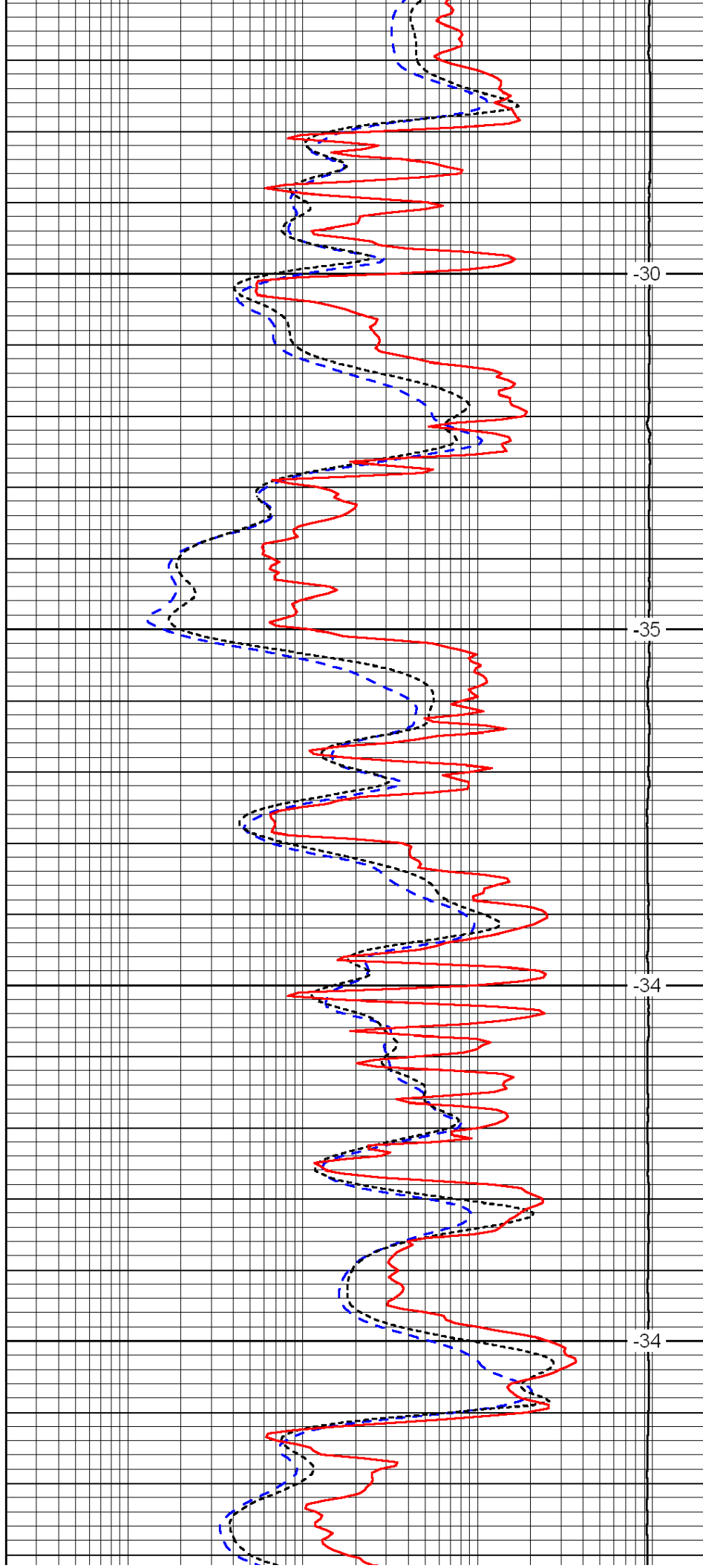


4000

4050

4100

4150

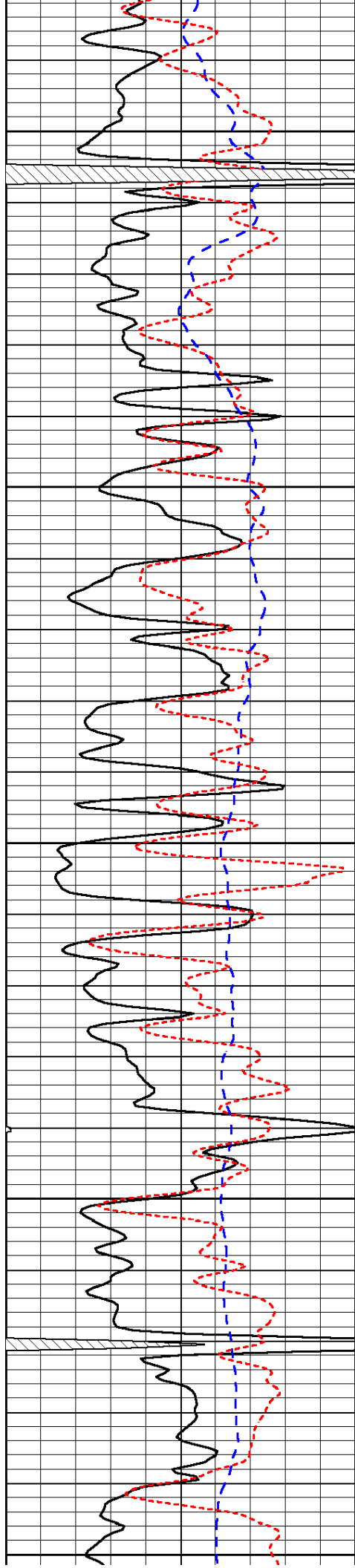


-30

-35

-34

-34



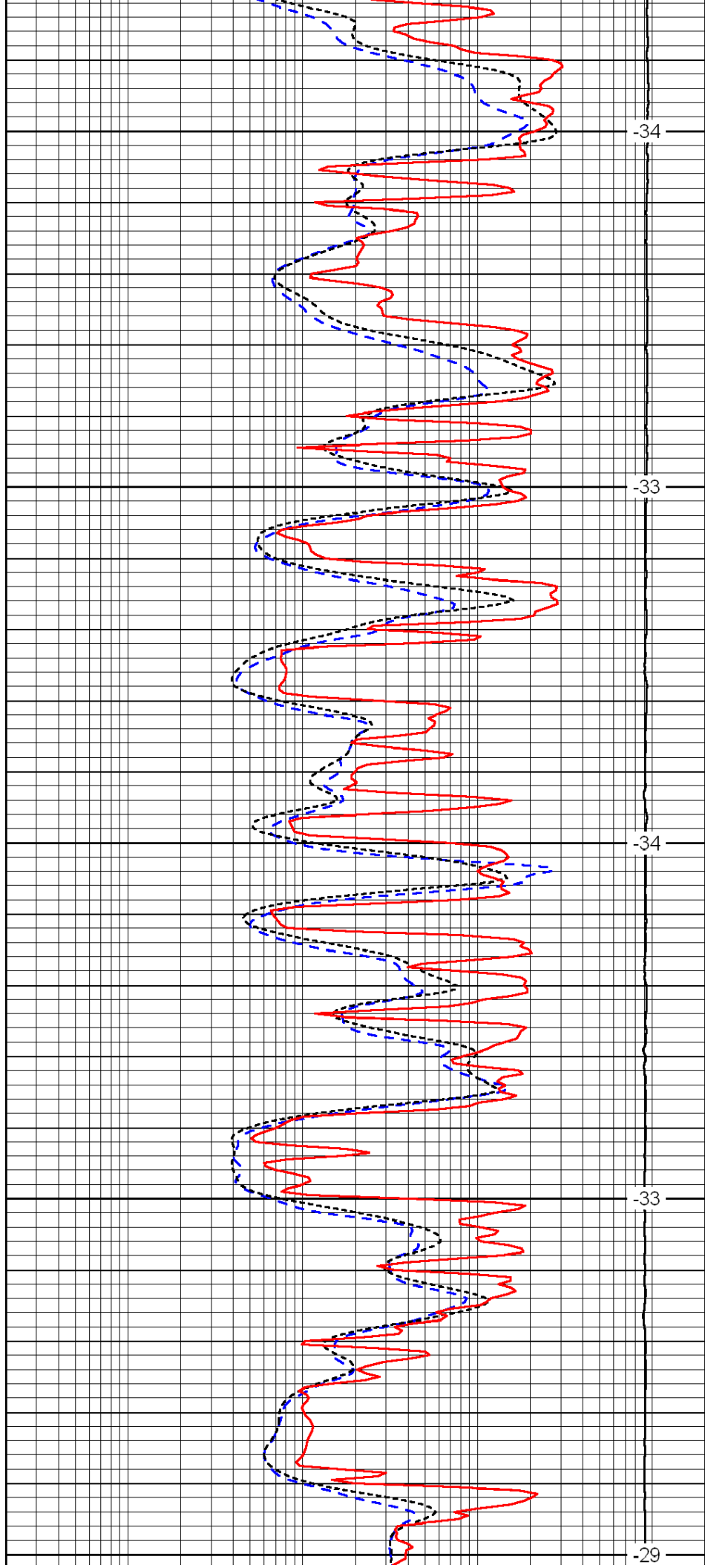
4200

4250

4300

4350

4400



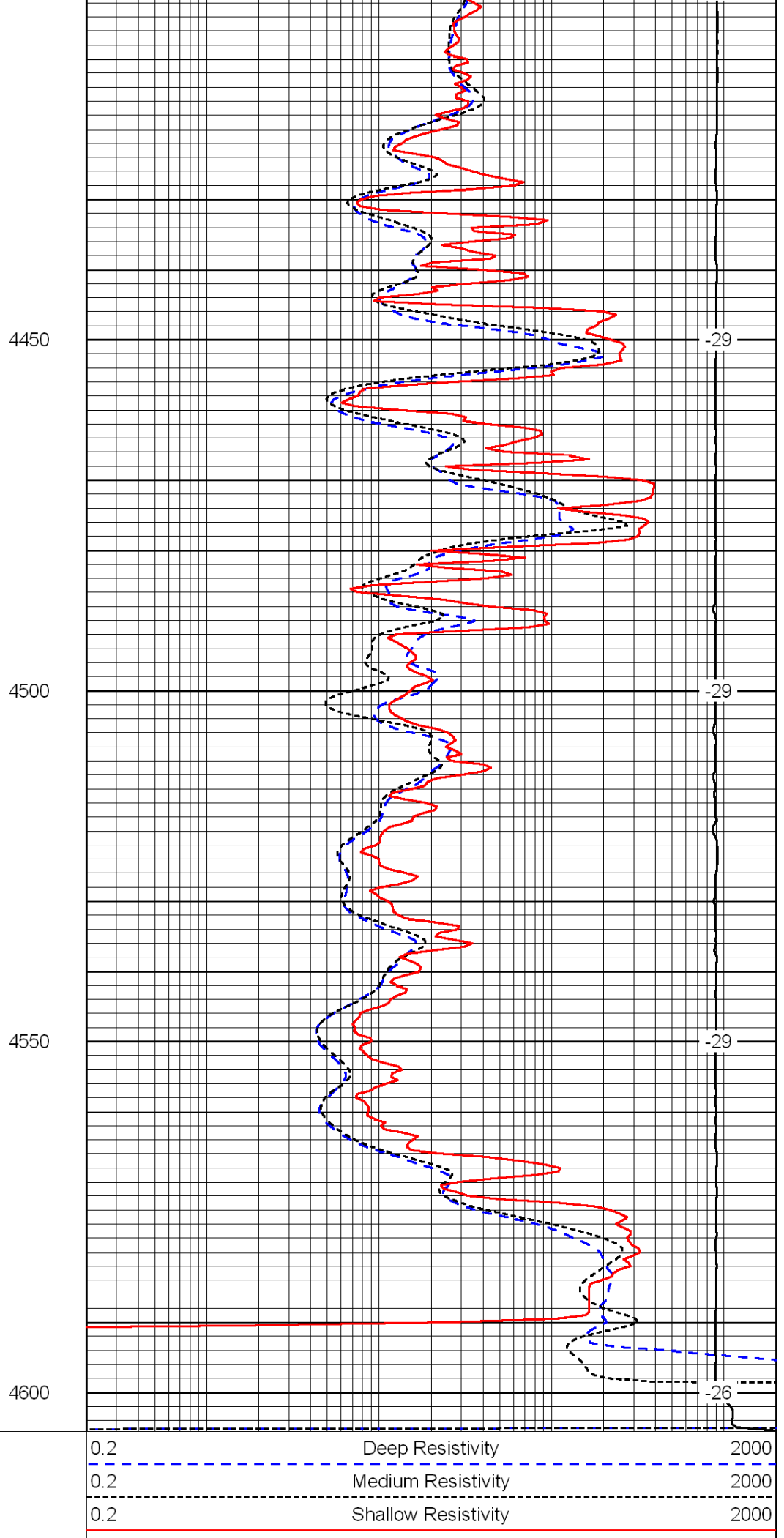
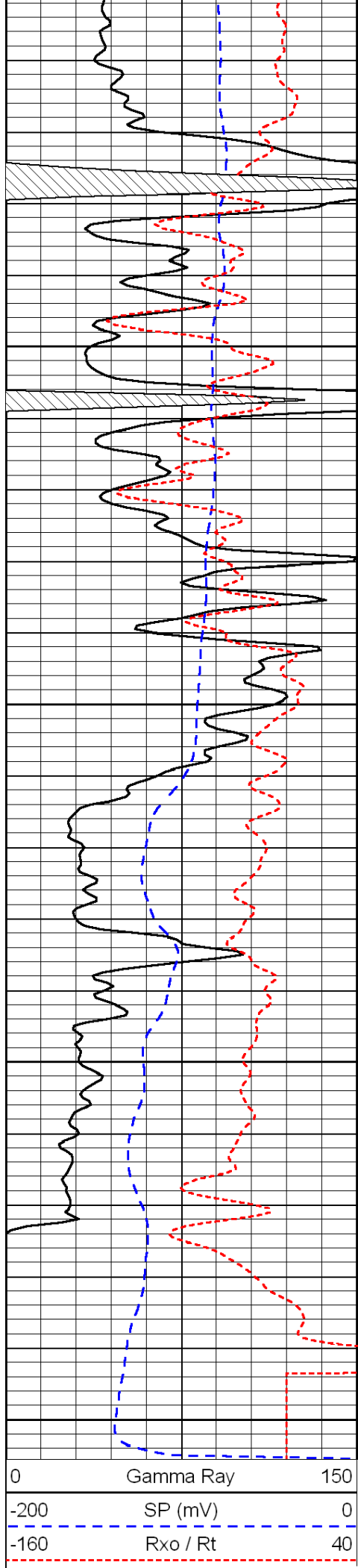
-34

-33

-34

-33

-29



	15000	Line Tension	0
			LSPD