



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company American Warrior, Inc.		
15-159-22,643-00-00	Well Dale Beneke No. 2-13		
	Field Chase - Silica		
	County Rice	State	Kansas
	Location NE SW SE SW 479' FSL & 1,823' FWL	Other Services CNL/CDL MEL	
	Sec: 13	Twp: 19 S	Rge: 10 W
Permanent Datum	Ground Level	Elevation 1744	
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 1752 D.F. 1744 G.L. 1744	
Date	5/10/2011		
Run Number	One		
Depth Driller	3400		
Depth Logger	3398		
Bottom Logged Interval	3397		
Top Log Interval	350		
Casing Driller	8.625 @ 364		
Casing Logger	358		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6500		
Density / Viscosity	9.25 65		
pH / Fluid Loss	11 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.68 @ 83		
Rmf @ Meas. Temp	.51 @ 83		
Rmc @ Meas. Temp	.92 @ 83		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.51 @ 110		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	110		
Equipment Number	10		
Location	Hays		
Recorded By	Jim Schuler		
Witnessed By	Jim Musgrove		

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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

Chase, Kansas, 3 Miles North to "J" Road, 1 1/2 West,
North Into Between the Pump Jack and the Tank Battery

Database File: c:\warrior\data\amwar_dale beneke no. 2-13\amwar_beneke_2_13hd.db
Dataset Pathname: DIL\awstk
Presentation Format: dil2in
Dataset Creation: Tue May 10 20:10:57 2011
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:1000

0	Gamma Ray	150
-200	SP (mV)	0

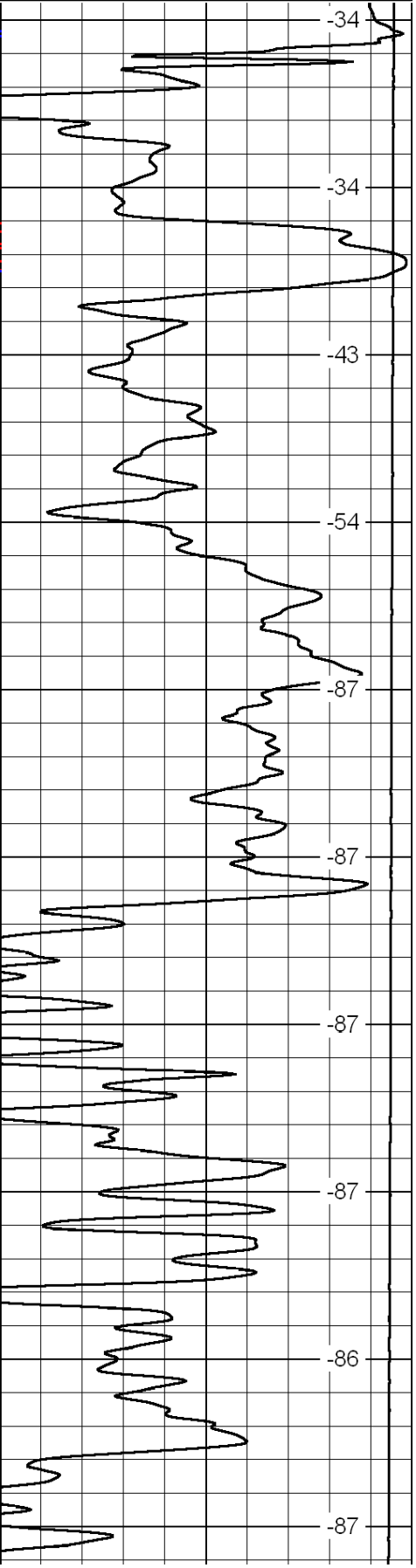
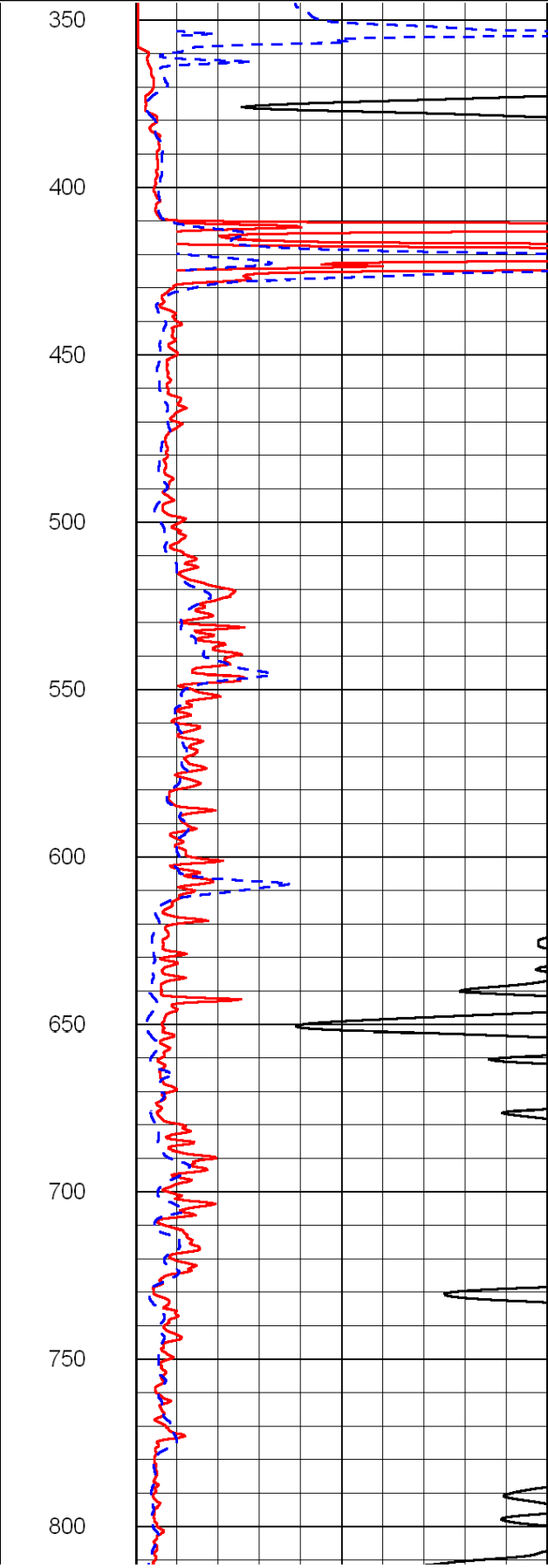
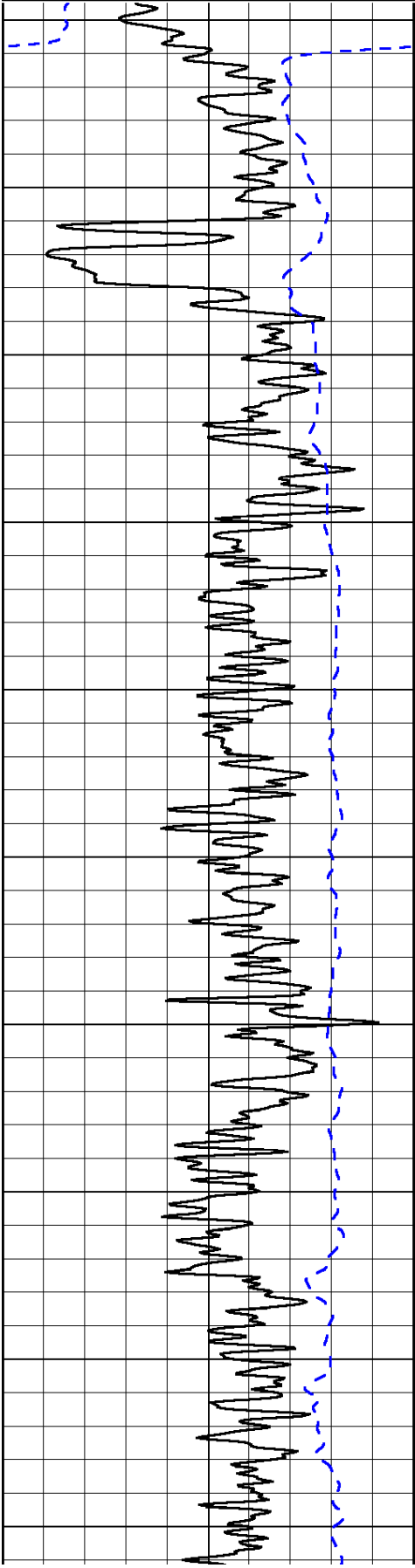


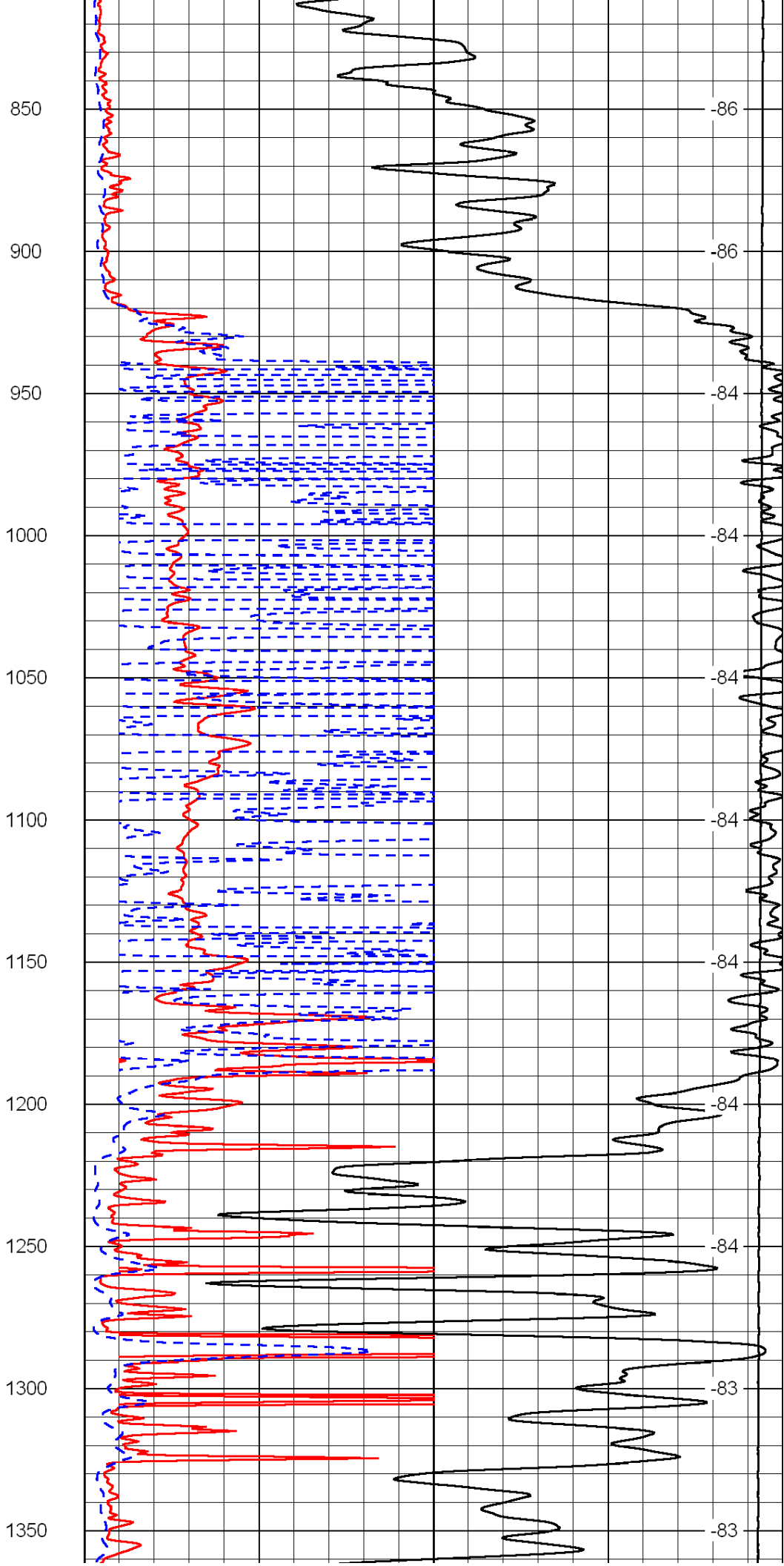
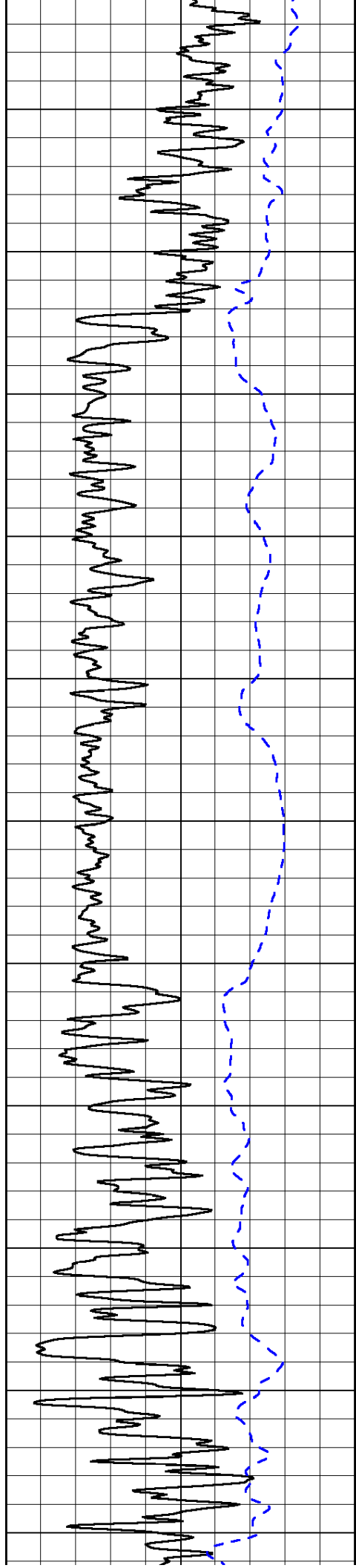
0	Shallow Resistivity	50
0	Deep Resistivity	50

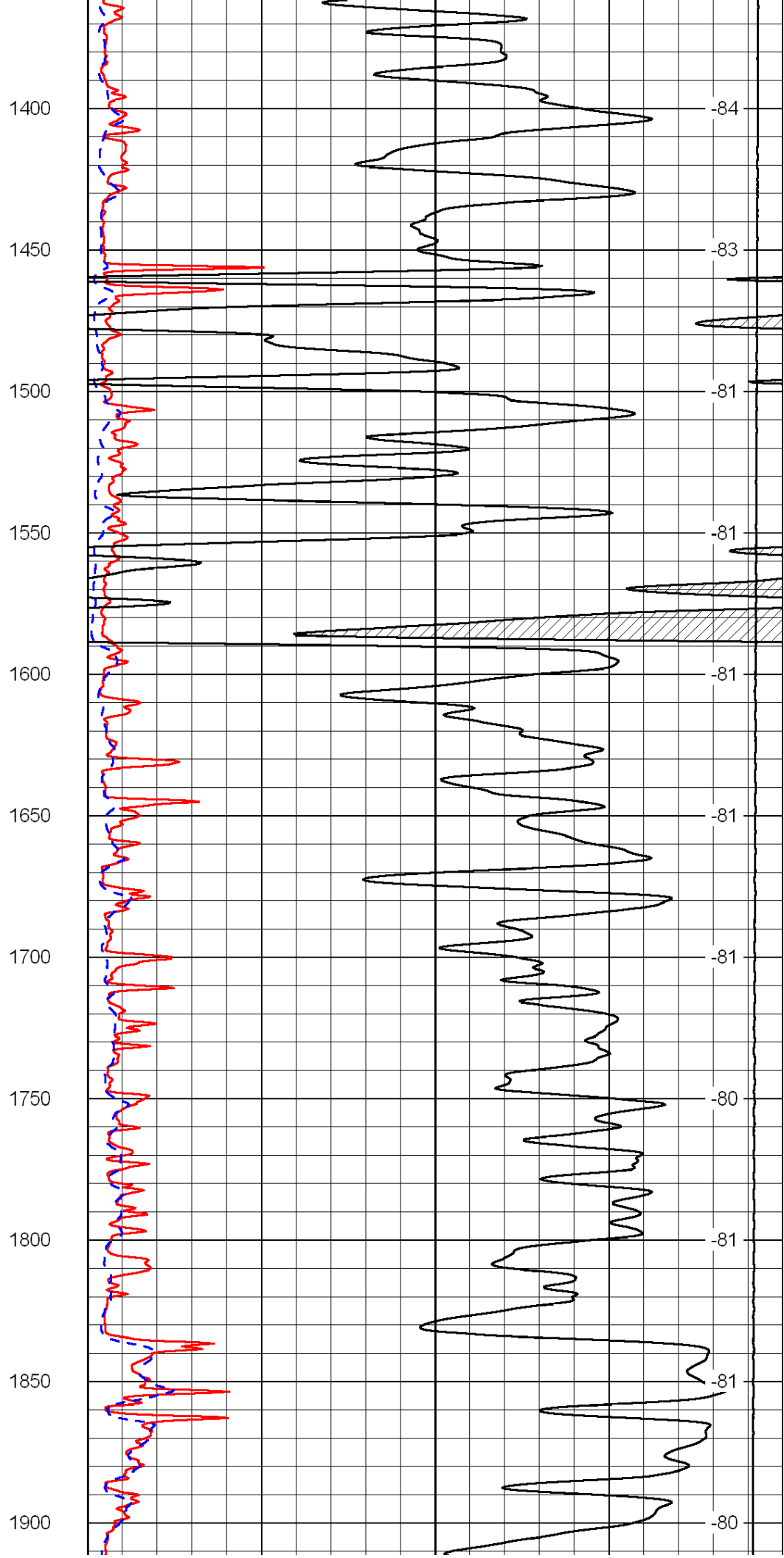
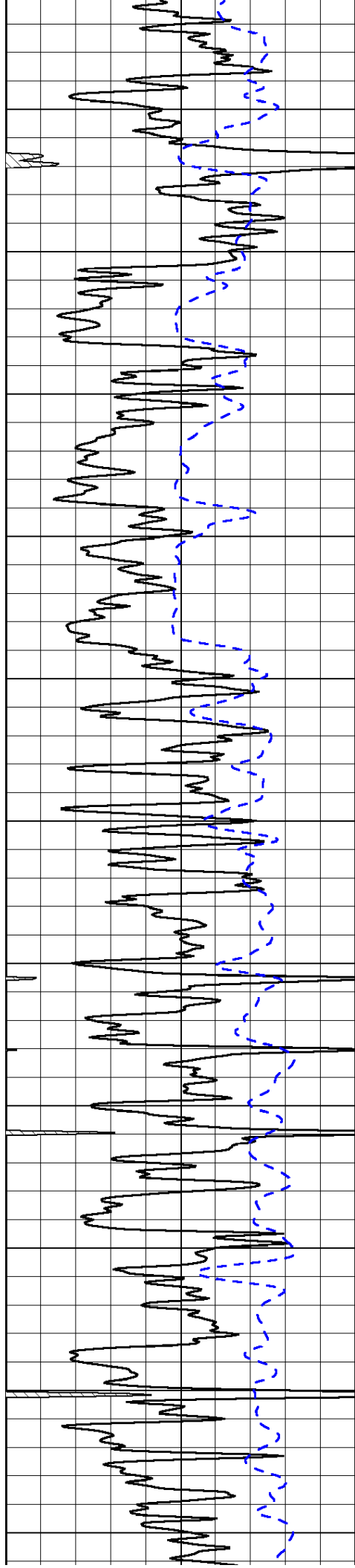
1000	Conductivity	0
15000	Line Tension	0

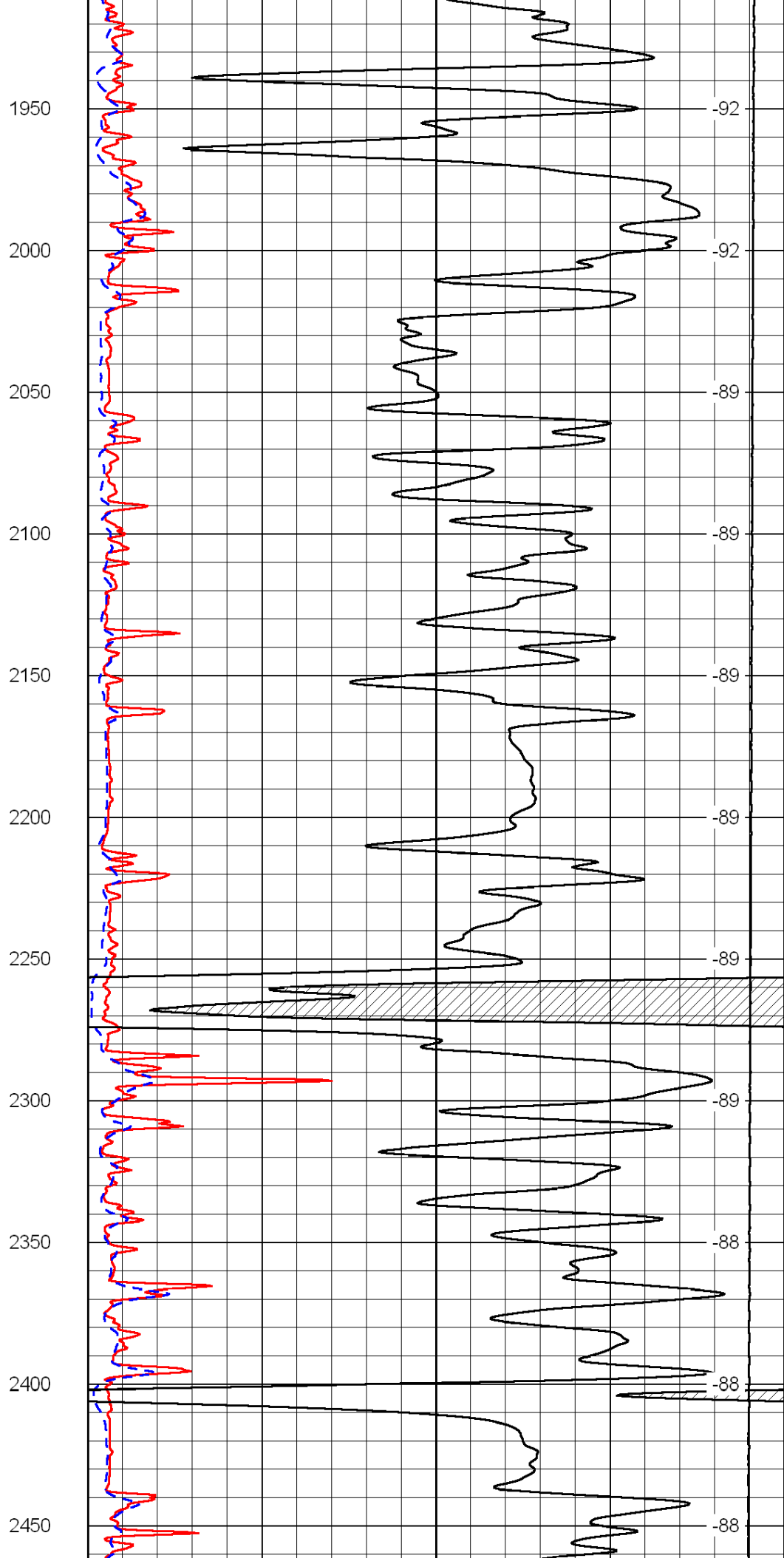
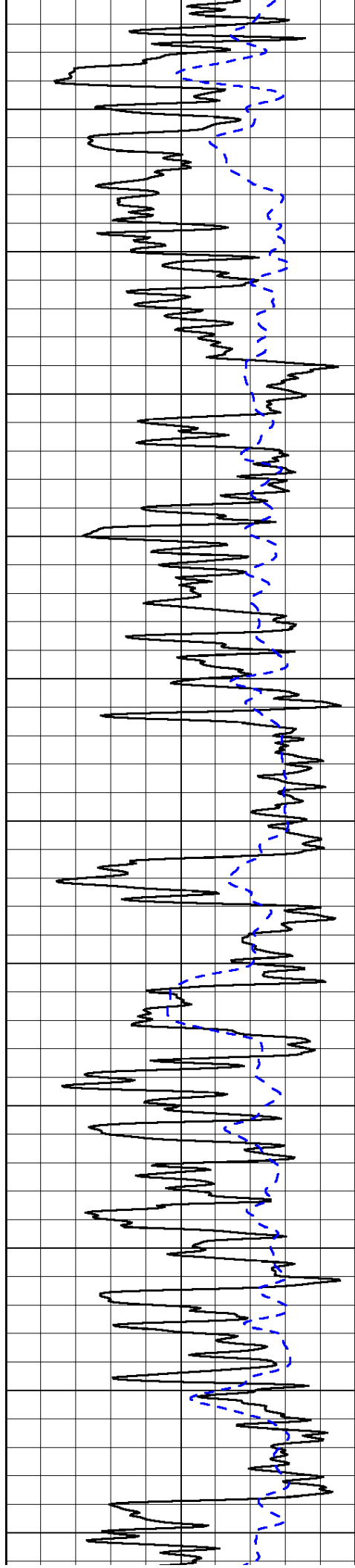
50	Shallow Resistivity	500
50	Deep Resistivity	500

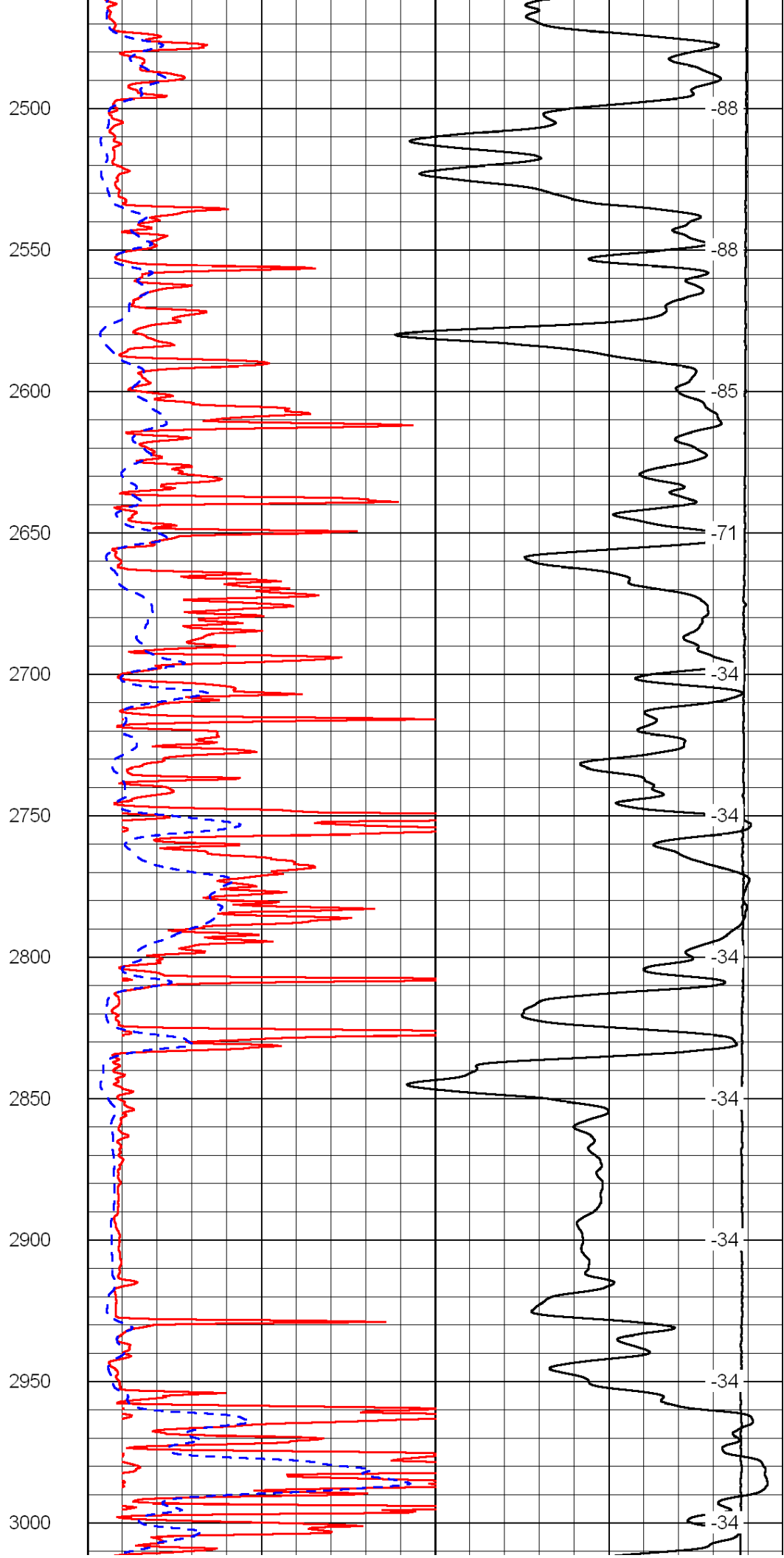
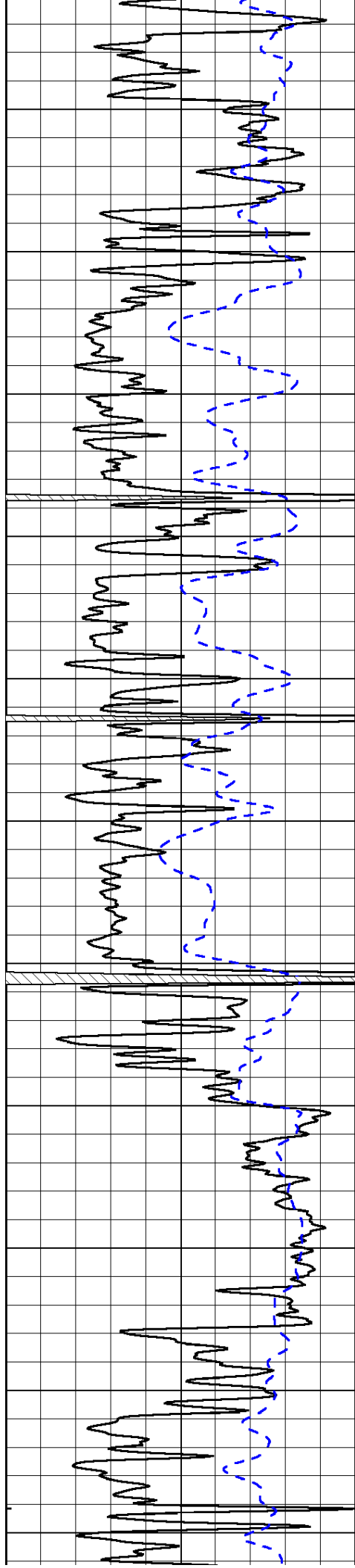
LSPD	
0	

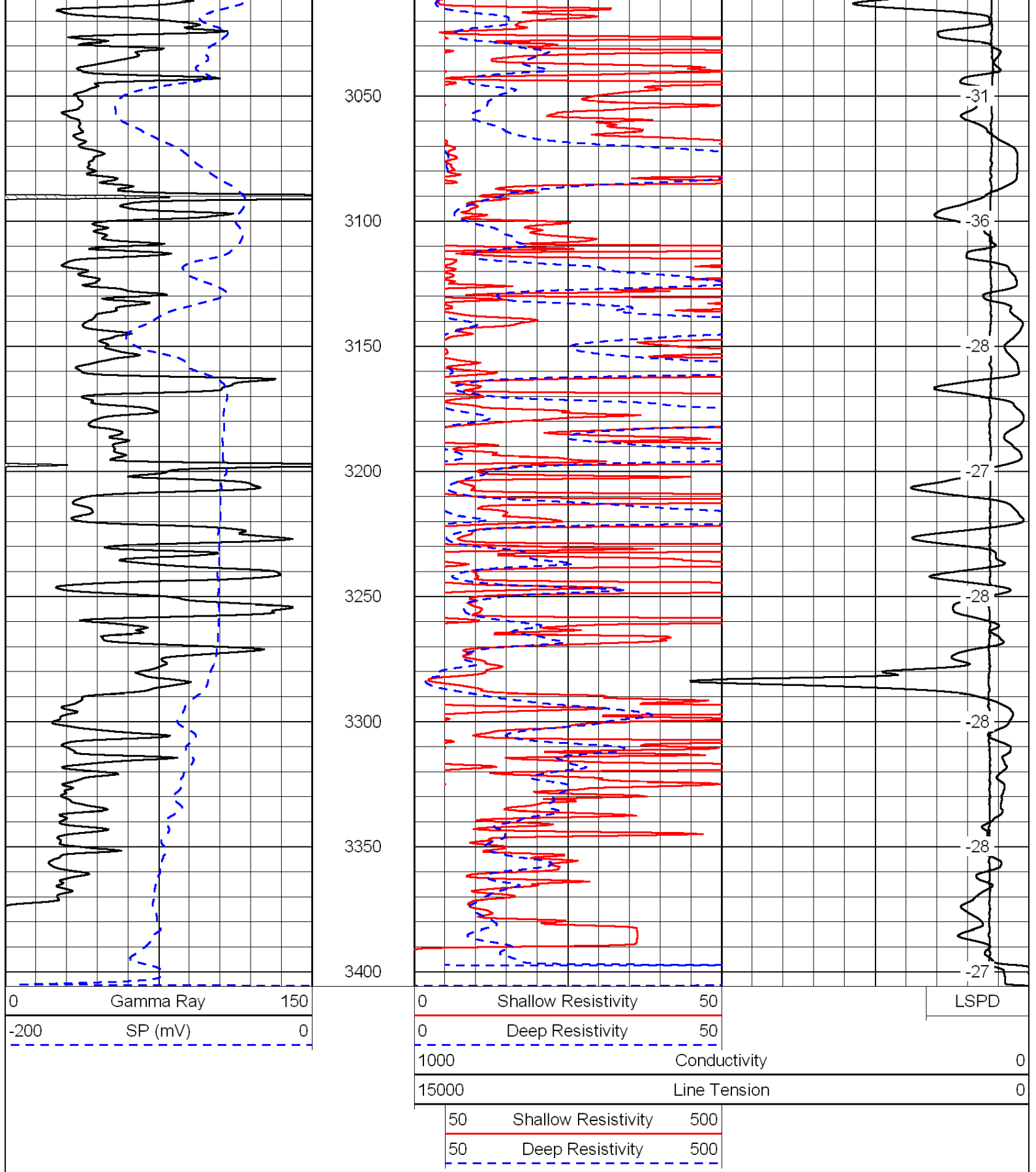




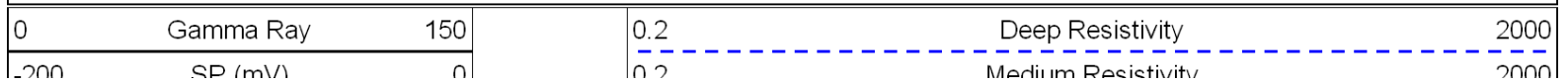








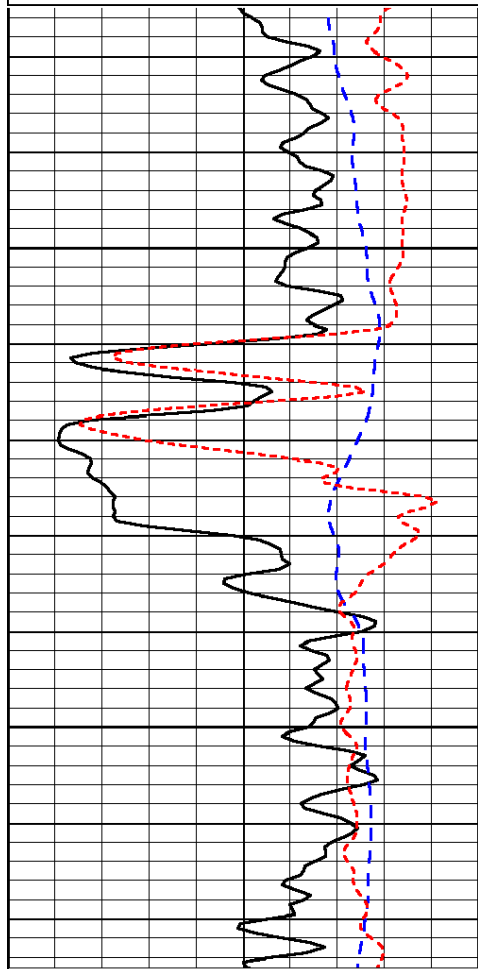
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Dataset Pathname: DIL\awstk
Presentation Format: dil
Dataset Creation: Tue May 10 20:10:57 2011
Charted by: Depth in Feet scaled 1:240



200 0.2 SP (mV) 0
-160 Rxo / Rt 40

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

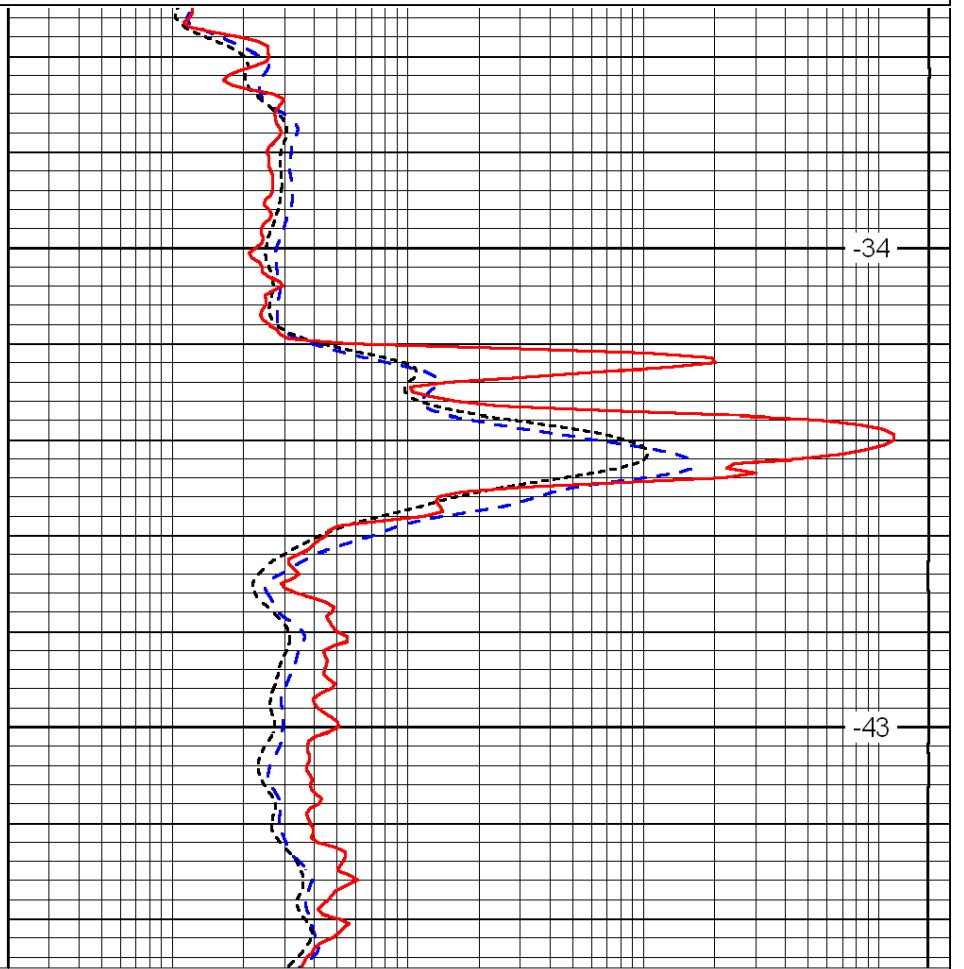
LSPD



400

450

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



-34

-43

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

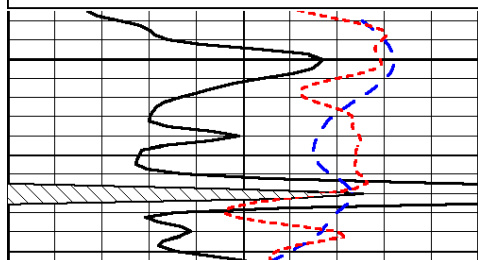
LSPD

Database File: c:\warrior\data\amwar_dale beneke no. 2-13\amwar_beneke_2_13hd.db
Dataset Pathname: DIL\awstk
Presentation Format: dil
Dataset Creation: Tue May 10 20:10:57 2011
Charted by: Depth in Feet scaled 1:240

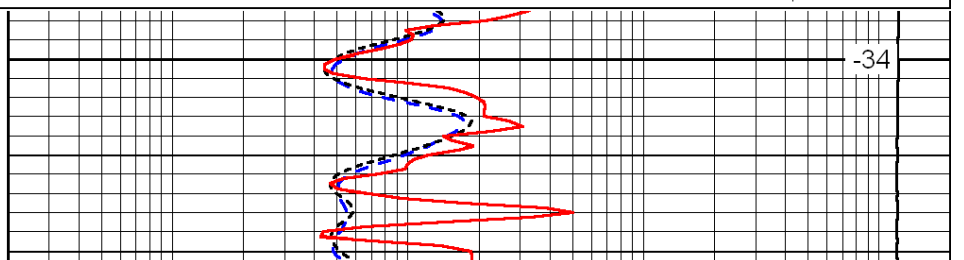
0 Gamma Ray 150
-200 SP (mV) 0
-160 Rxo / Rt 40

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

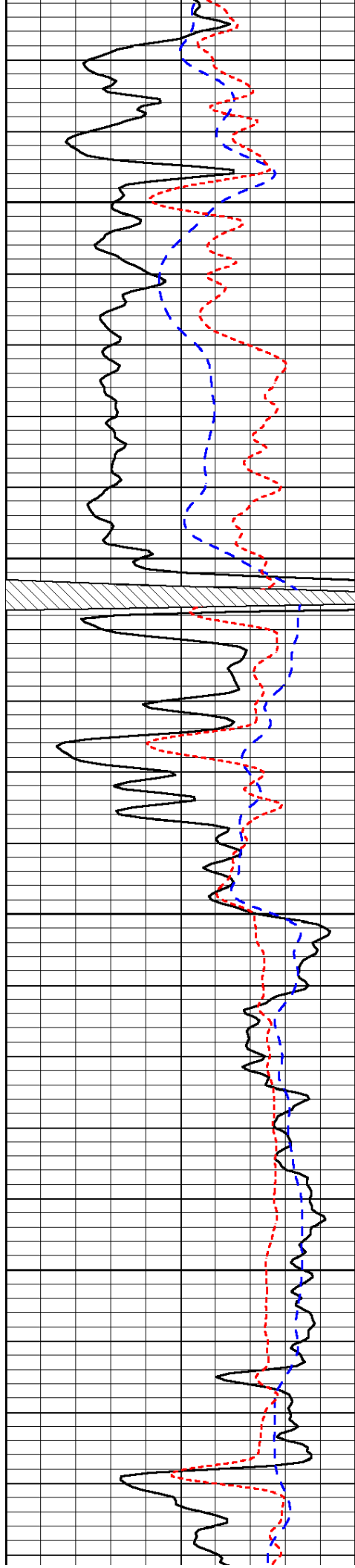
LSPD



2700



-34

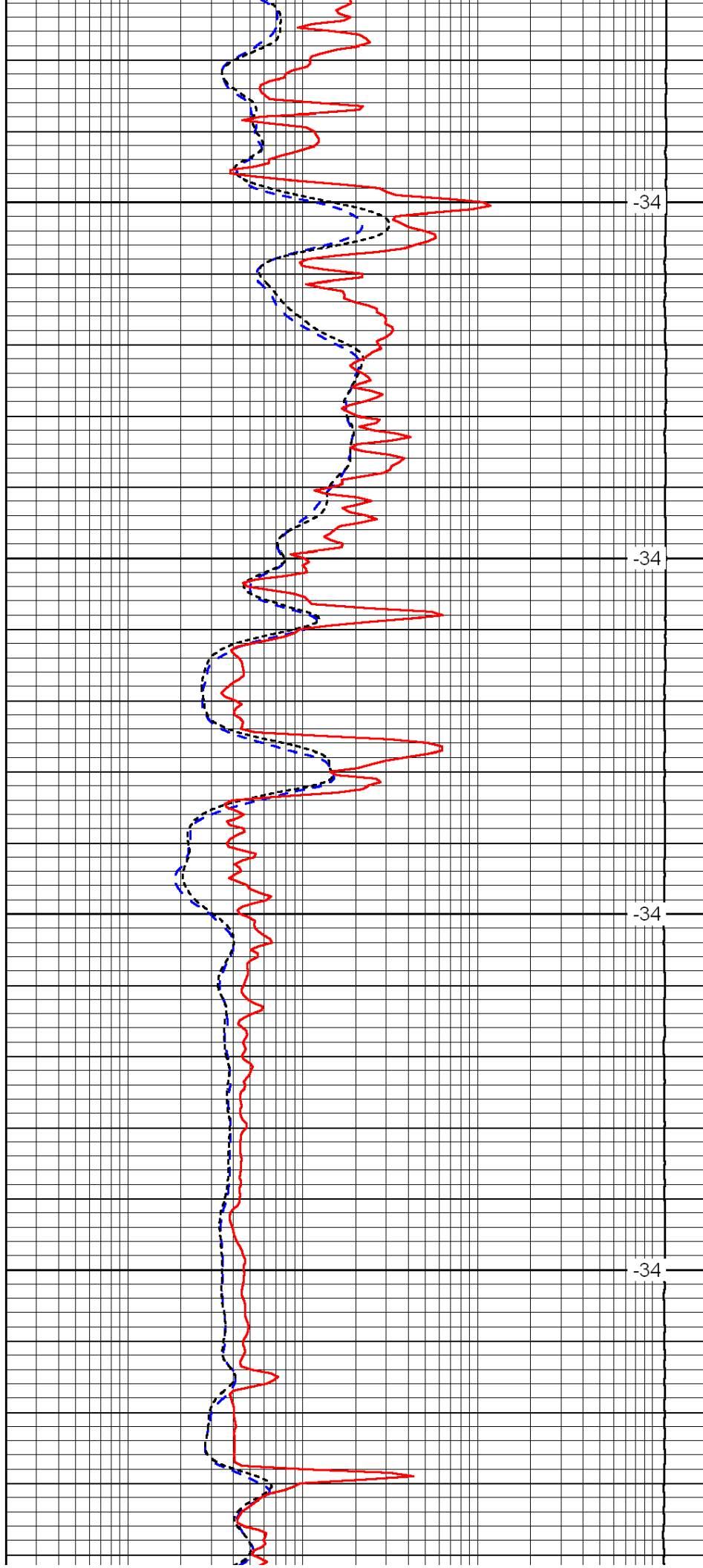


2750

2800

2850

2900

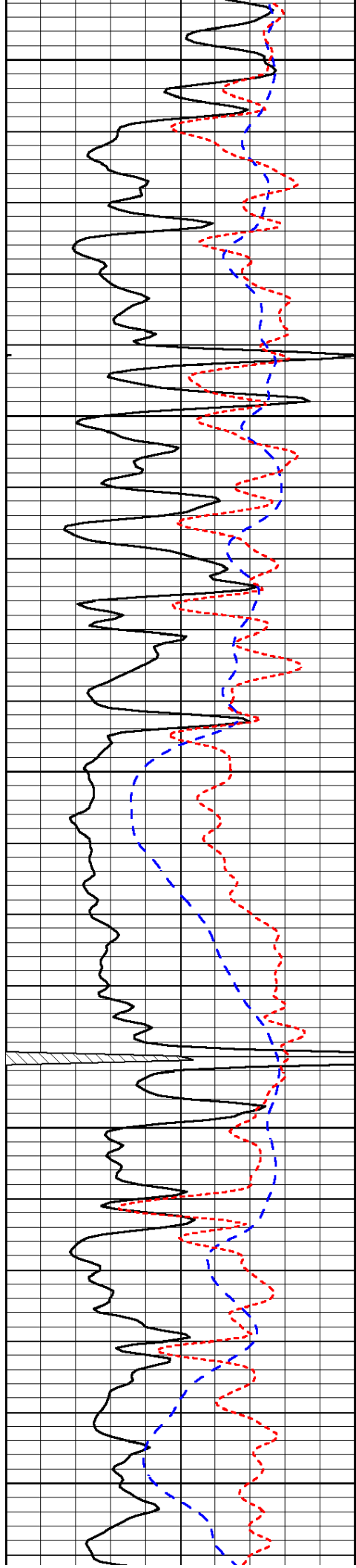


-34

-34

-34

-34



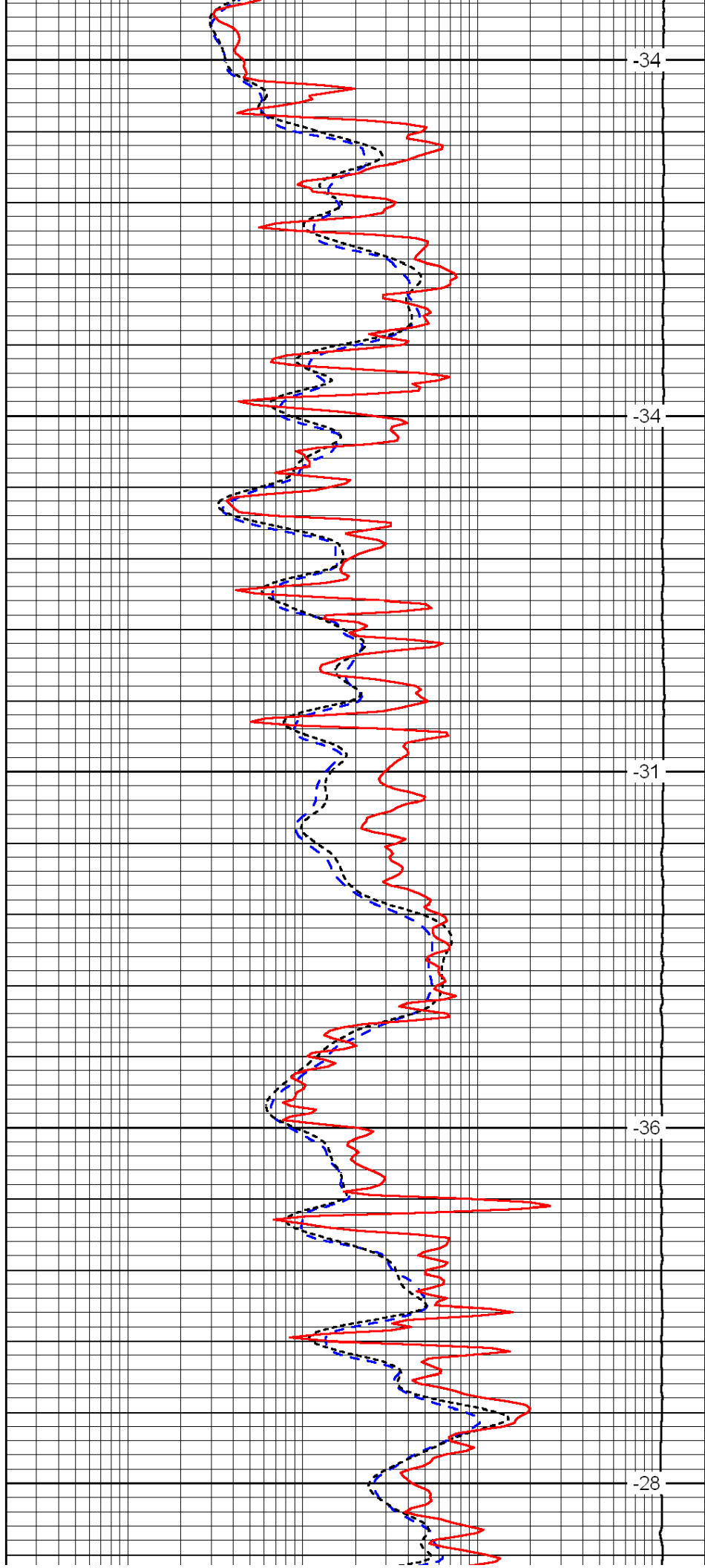
2950

3000

3050

3100

3150



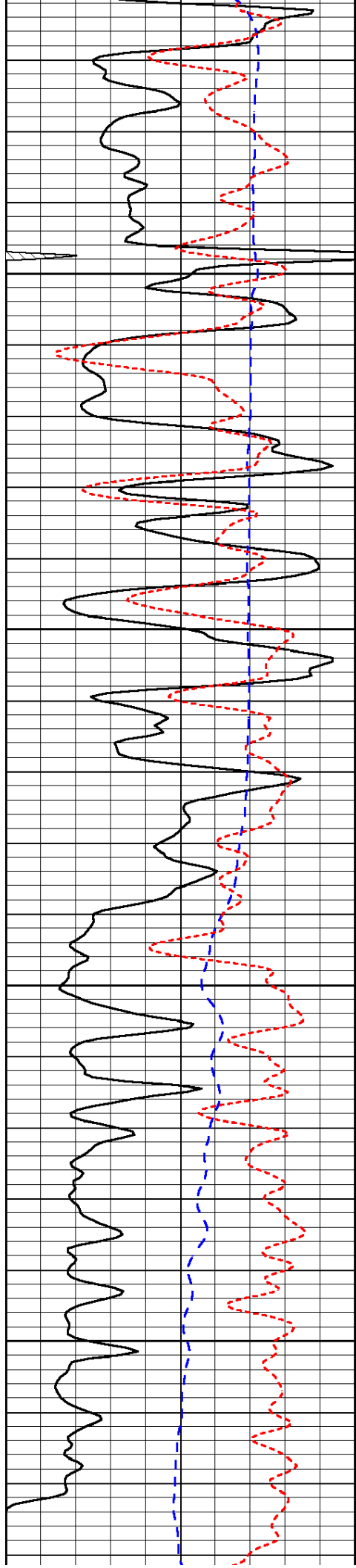
-34

-34

-31

-36

-28

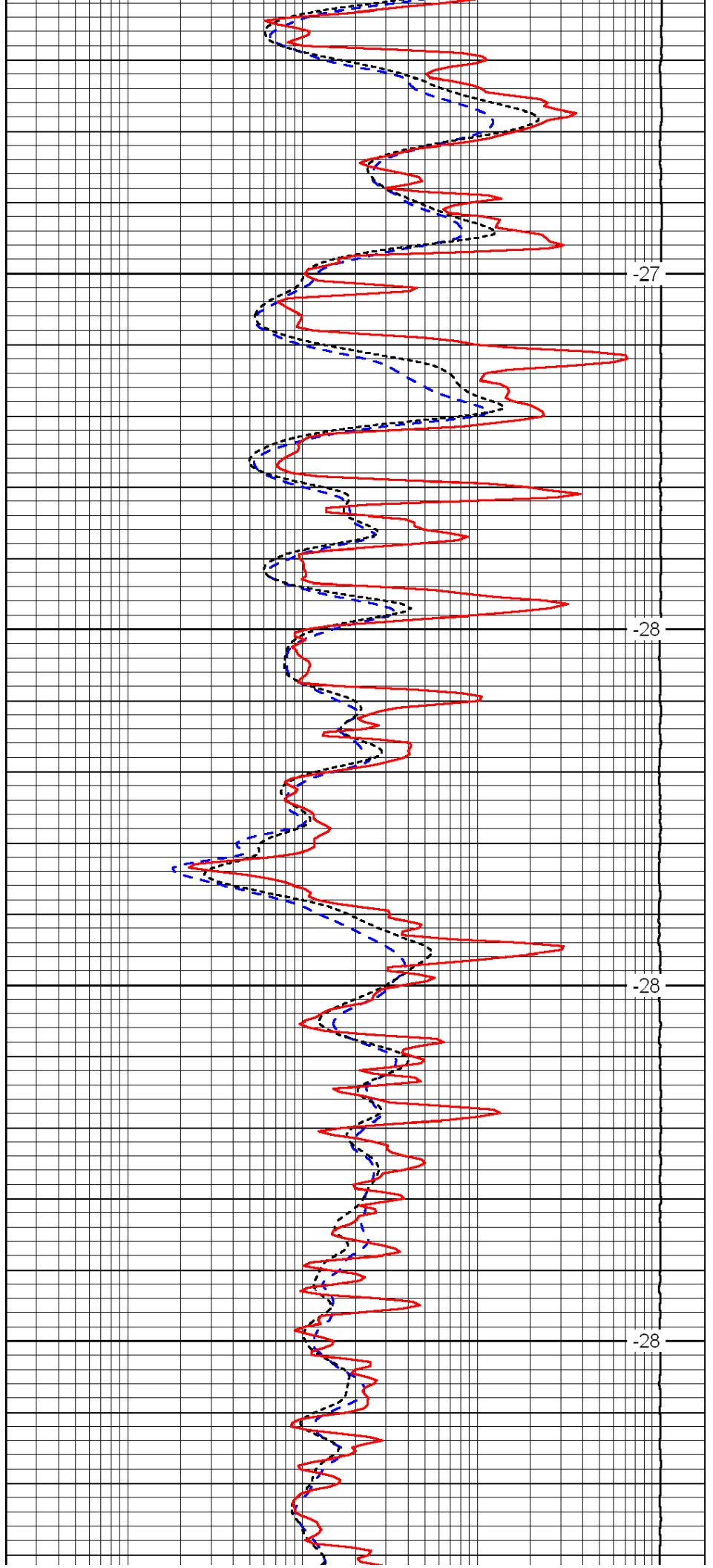


3200

3250

3300

3350

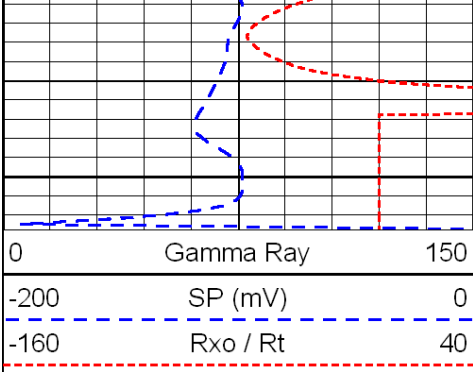


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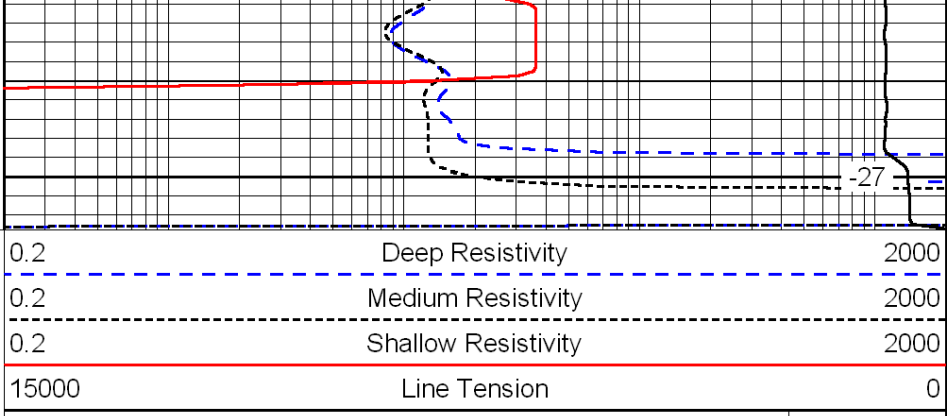
-28

-28

-28



3400



-27

LSPD