



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company		Carrie Exploration & Development	
15-009-25,646-00-00		Well		H. Roth No. C-1	
		Field		Chase-Silica	
		County		Barton State Kansas	
Location		1010' FNL & 1320' FEL		Other Services CNL/CDL MEL	
Sec: 25		Twp: 19 S		Rge: 11 W	
Permanent Datum		Ground Level		Elevation 1771	
Log Measured From		Kelly Bushing		8 Ft. Above Perm. Datum	
Drilling Measured From		Kelly Bushing		K.B. 1779 D.F. 1771 G.L. 1771	
Date	1/23/2012				
Run Number	One				
Depth Driller	3438				
Depth Logger	3438				
Bottom Logged Interval	3437				
Top Log Interval	250				
Casing Driller	8.625 @ 256				
Casing Logger	254				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	7.000				
Density / Viscosity	9.2 48				
pH / Fluid Loss	10.0 8.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	.65 @ 50				
Rmf @ Meas. Temp	.49 @ 50				
Rmc @ Meas. Temp	.88 @ 50				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.29 @ 112				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	112				
Equipment Number	91				
Location	Hays				
Recorded By	K. Bange				
Witnessed By	Herb Deines				

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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.

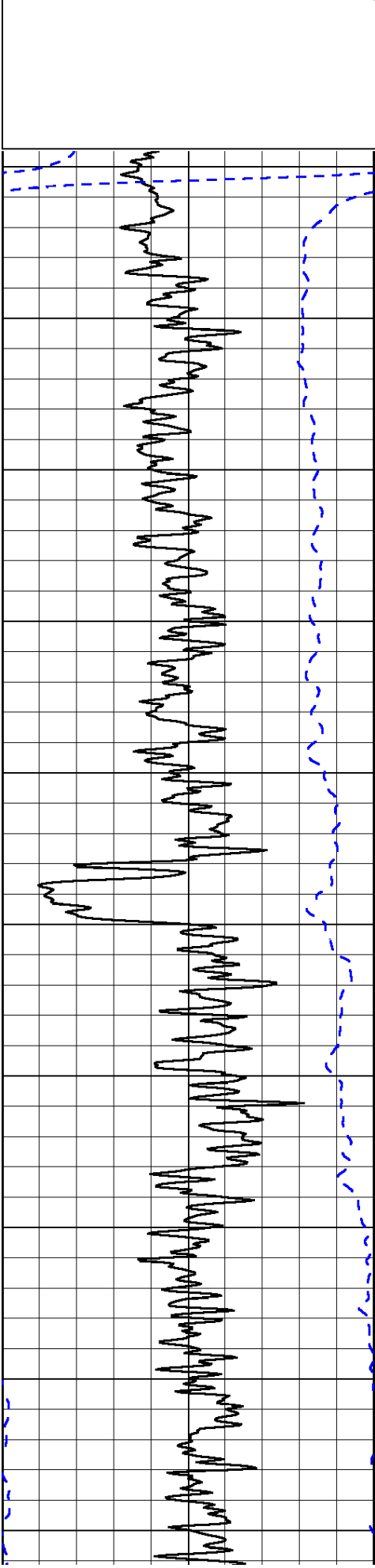
Comments

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

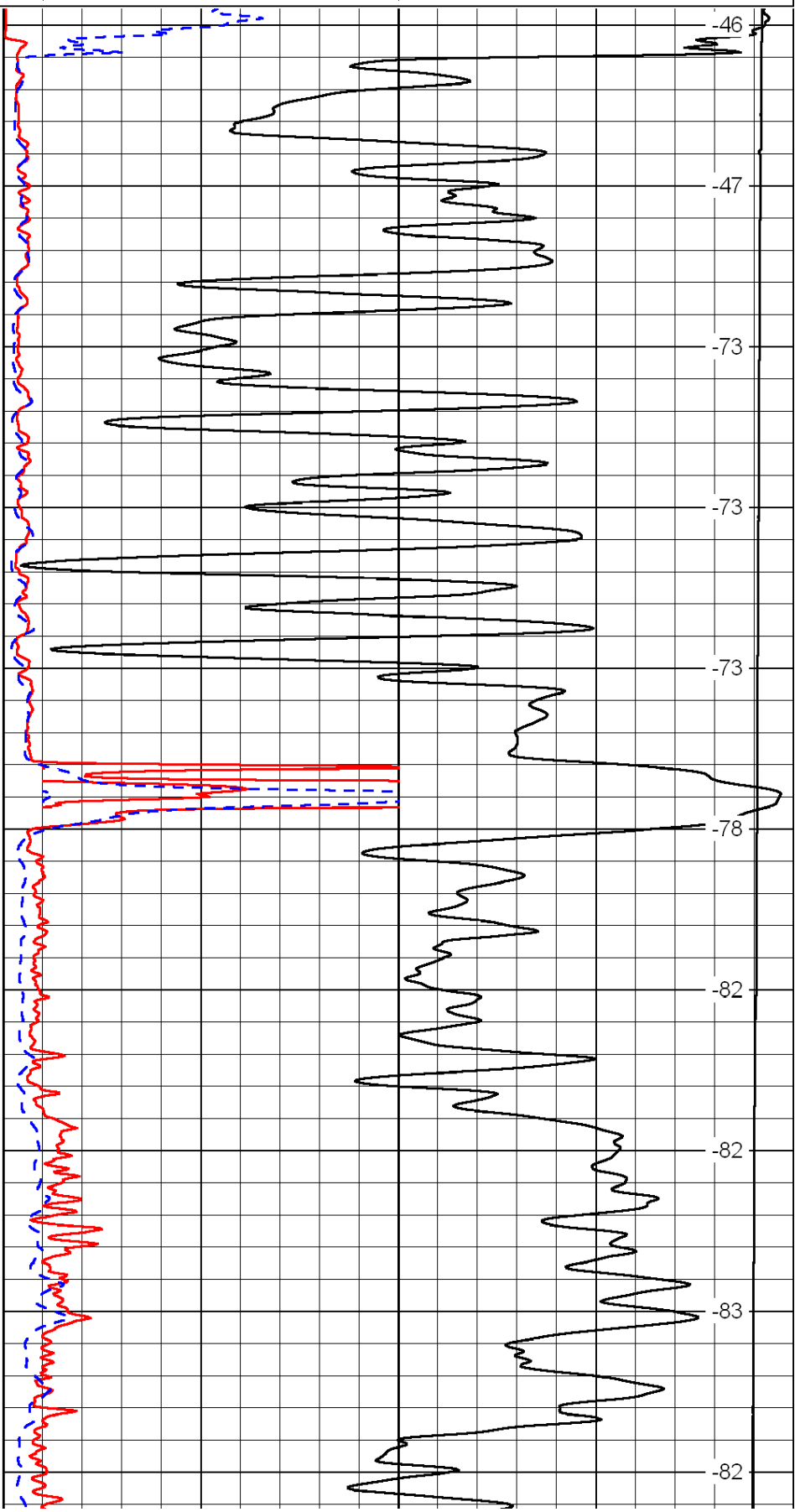
Ellinwood, 4 E to county line,
1 1/2 N, W into

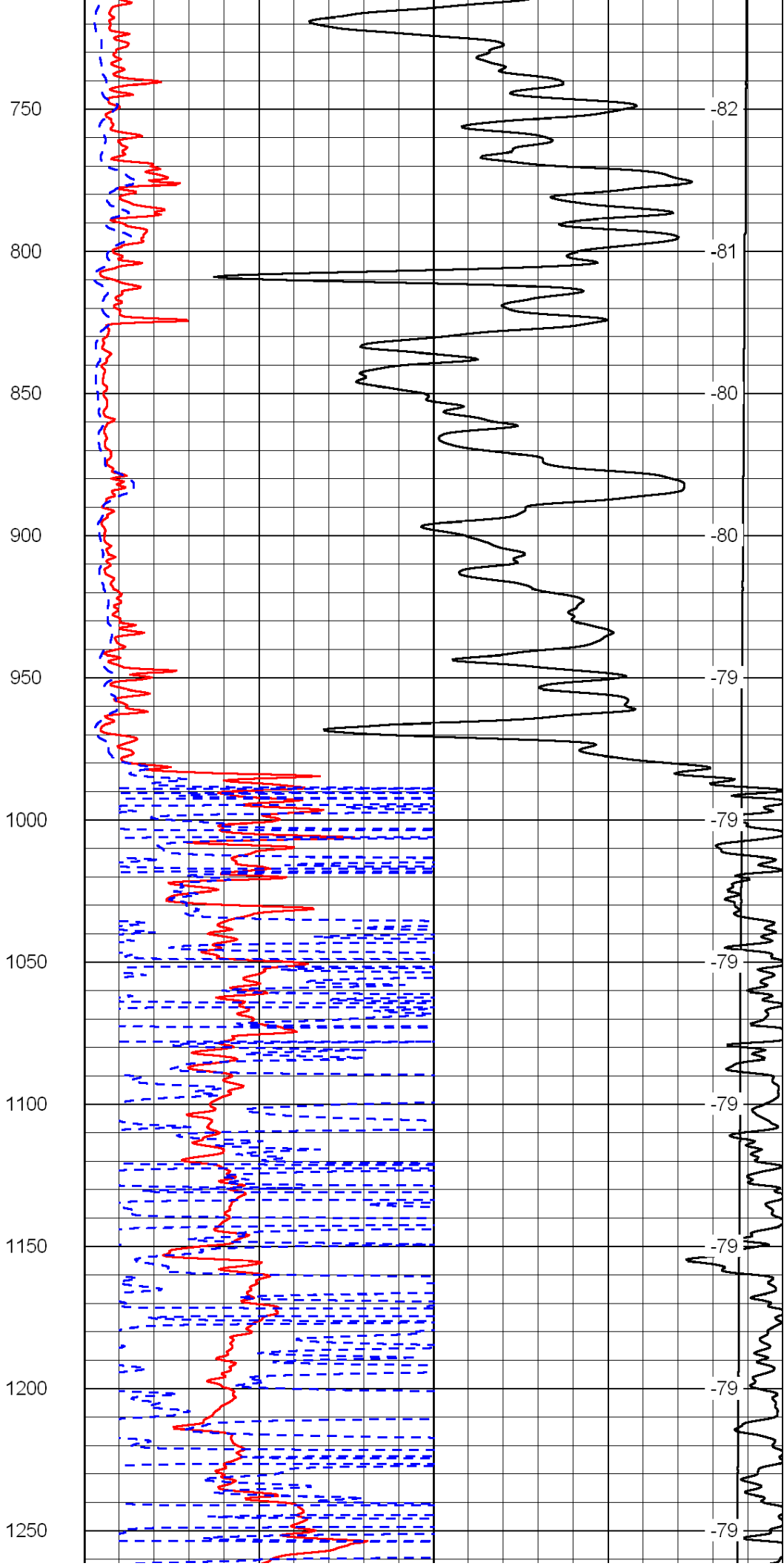
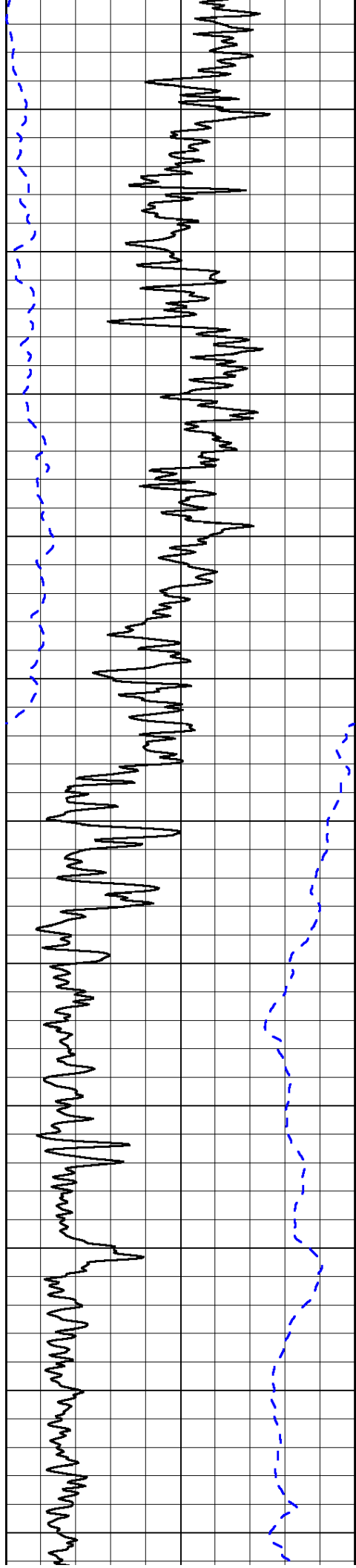
Charted by: Depth in Feet scaled 1:600

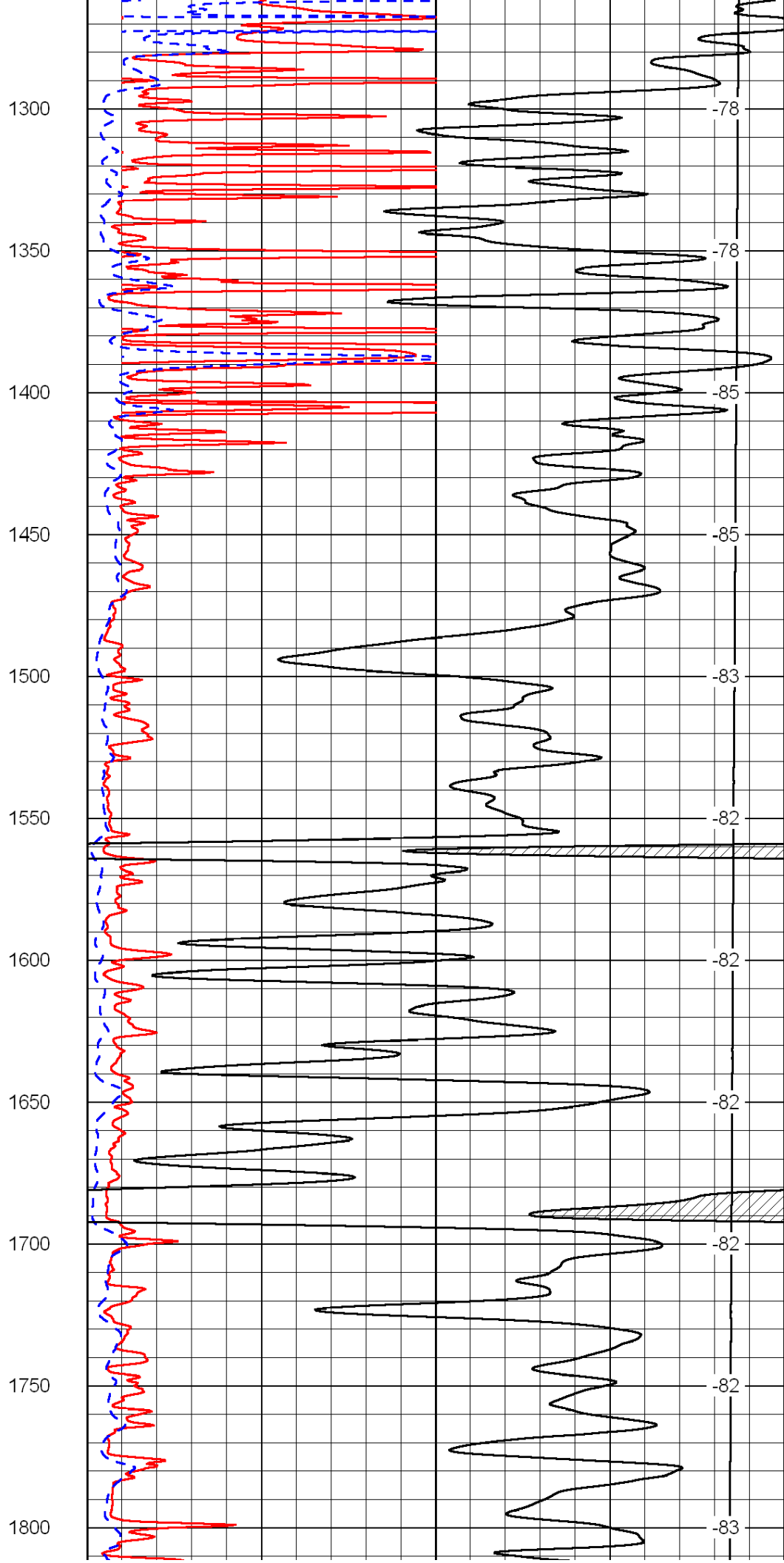
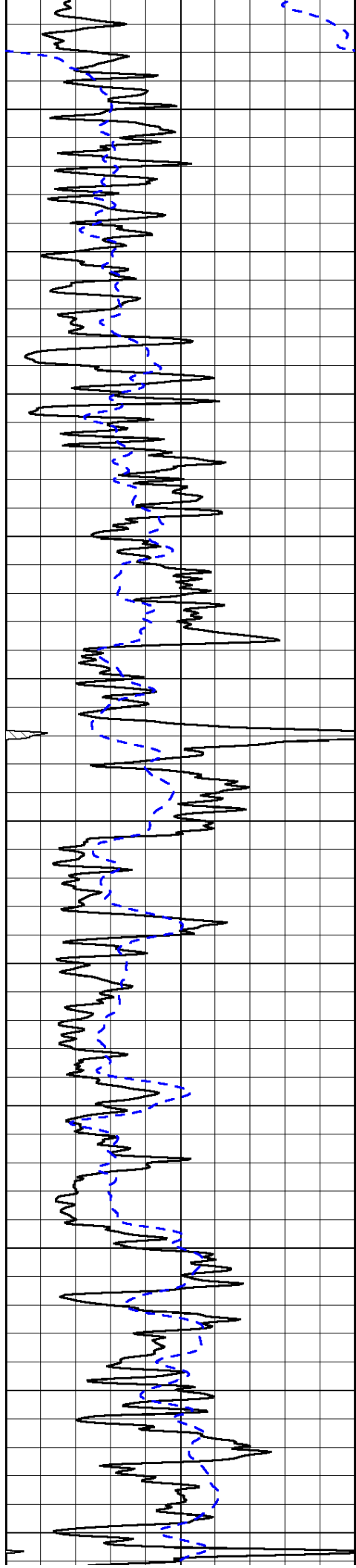
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-200	SP (mV)	0

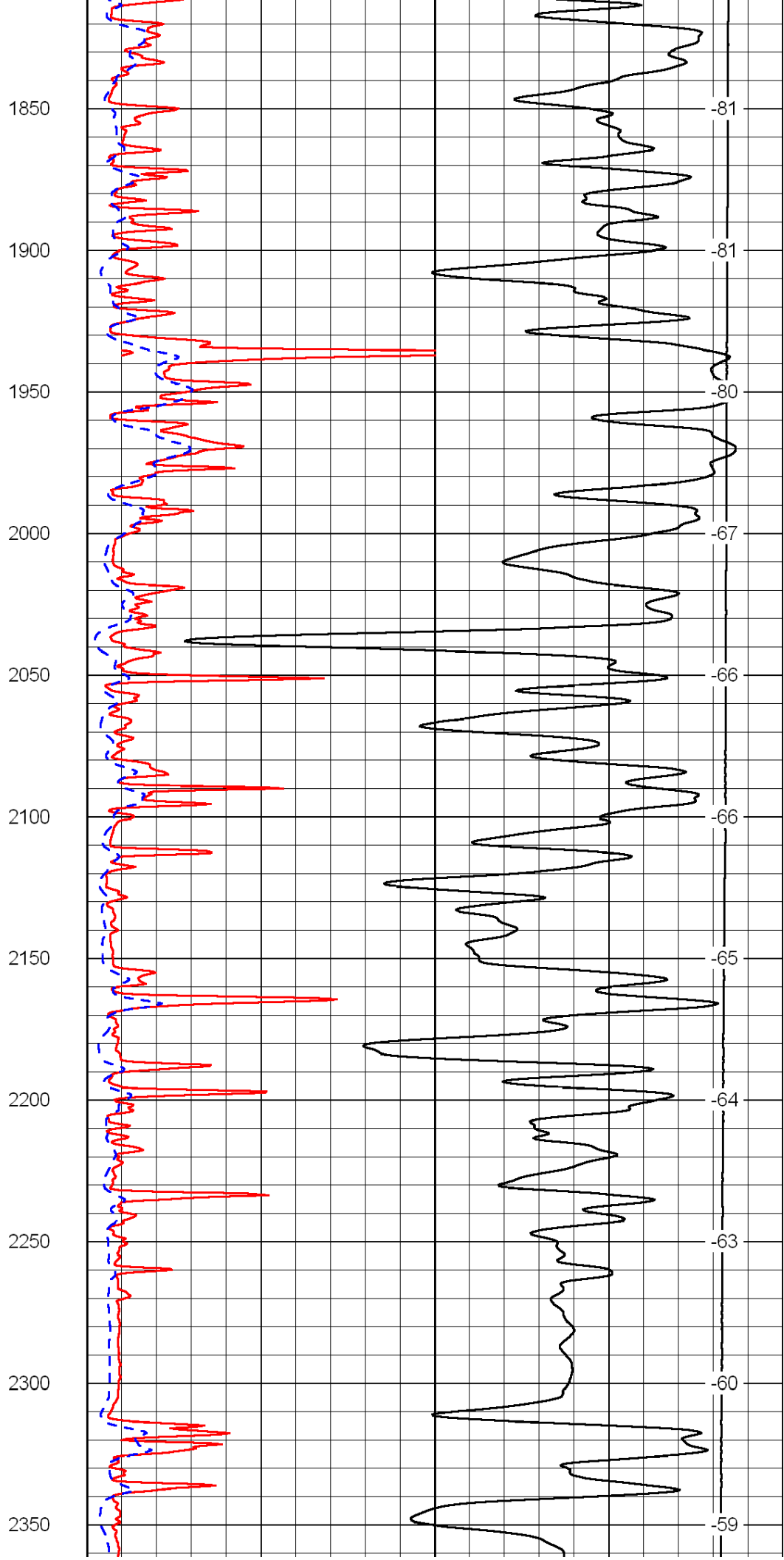
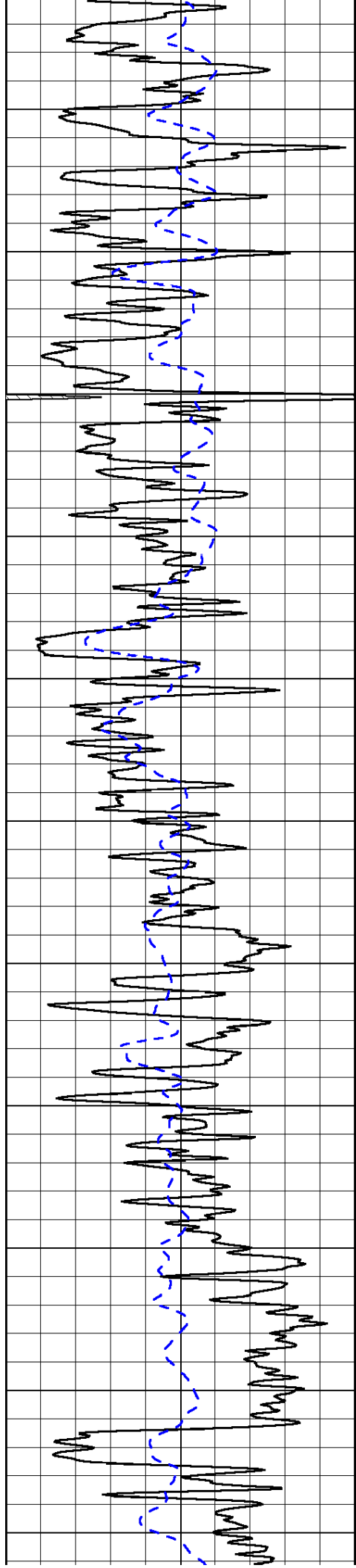


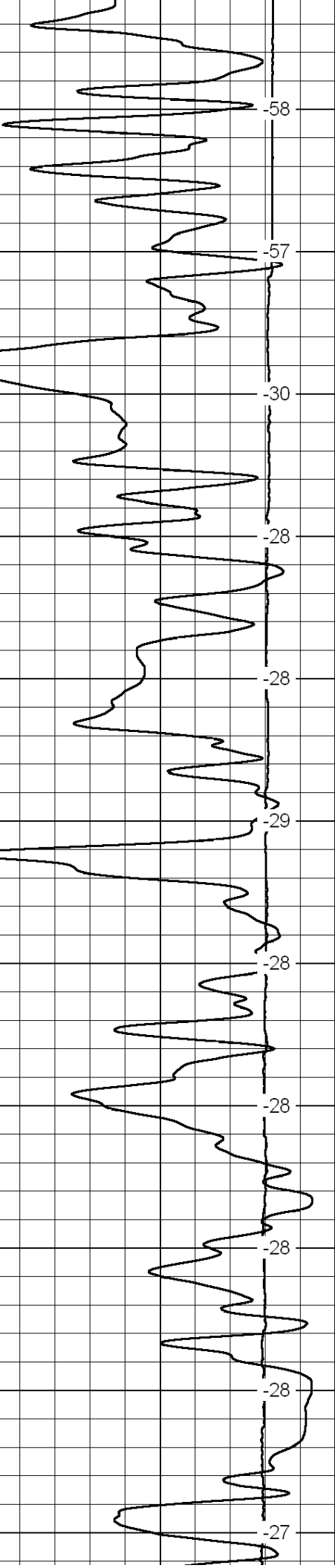
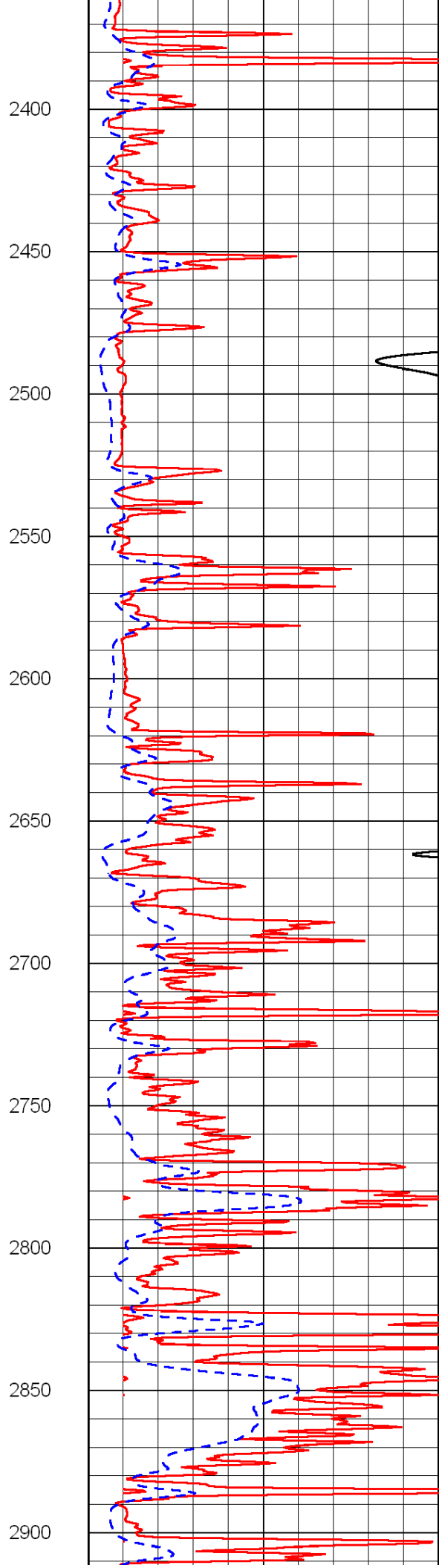
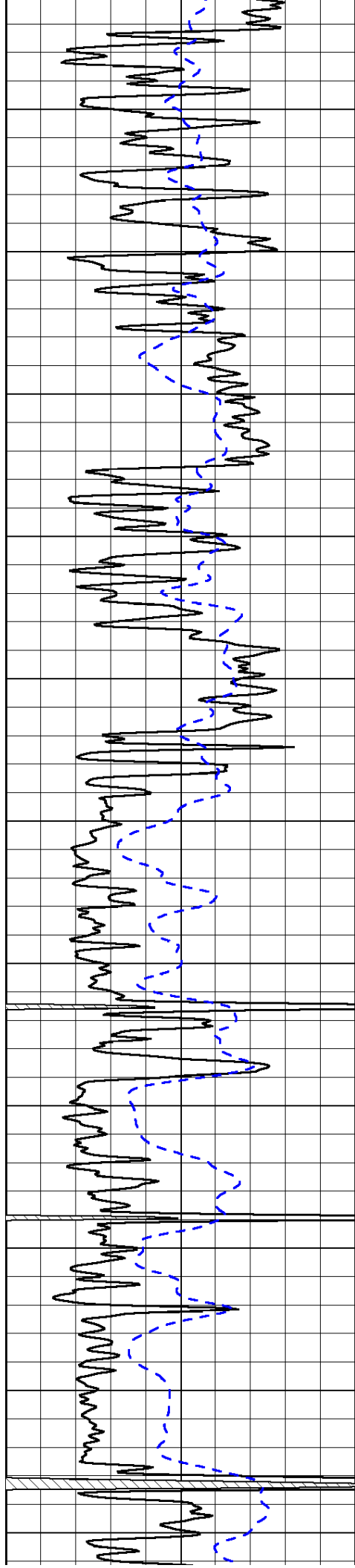
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

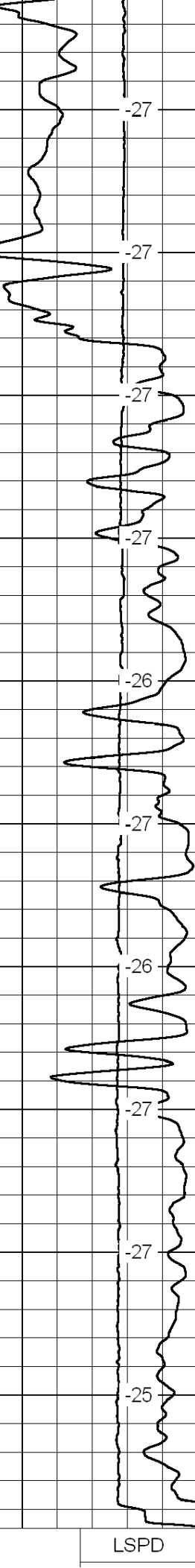
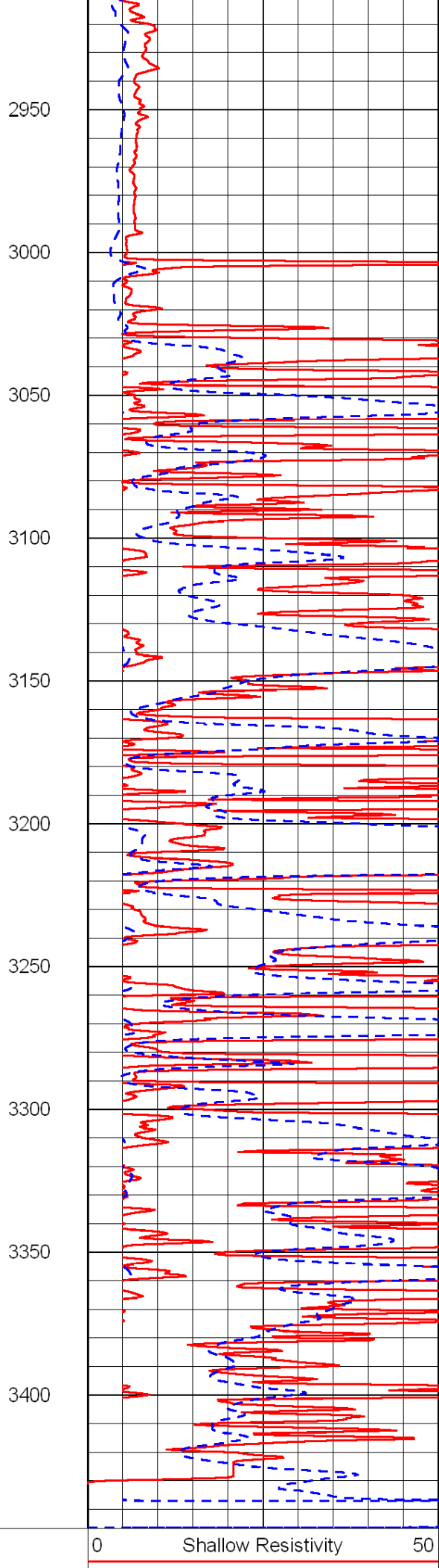
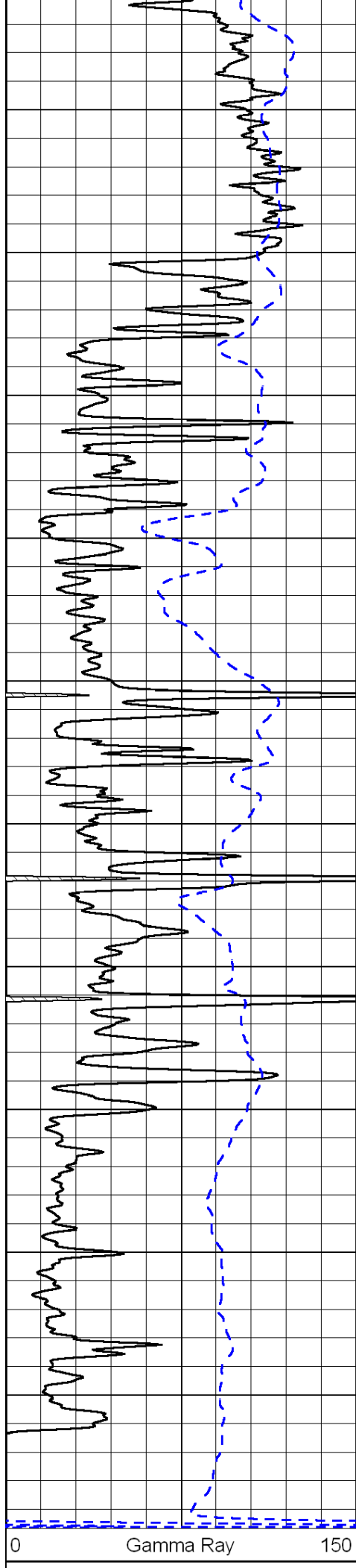












-200	SP (mV)	0

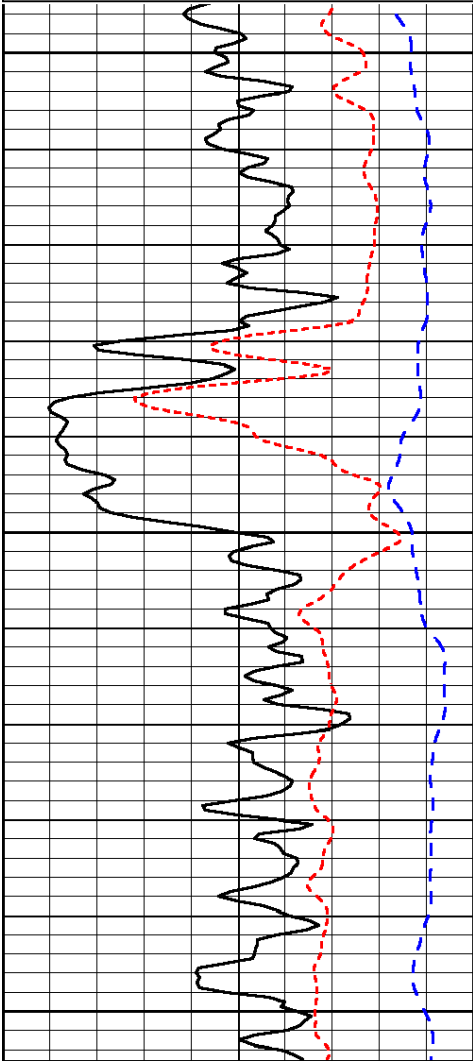
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File:	c:\warrior\data\carrie_h. roth no. c-1\carrie012312hd.db
Dataset Pathname:	dil/carristack
Presentation Format:	dil
Dataset Creation:	Mon Jan 23 09:12:47 2012
Charted by:	Depth in Feet scaled 1:240

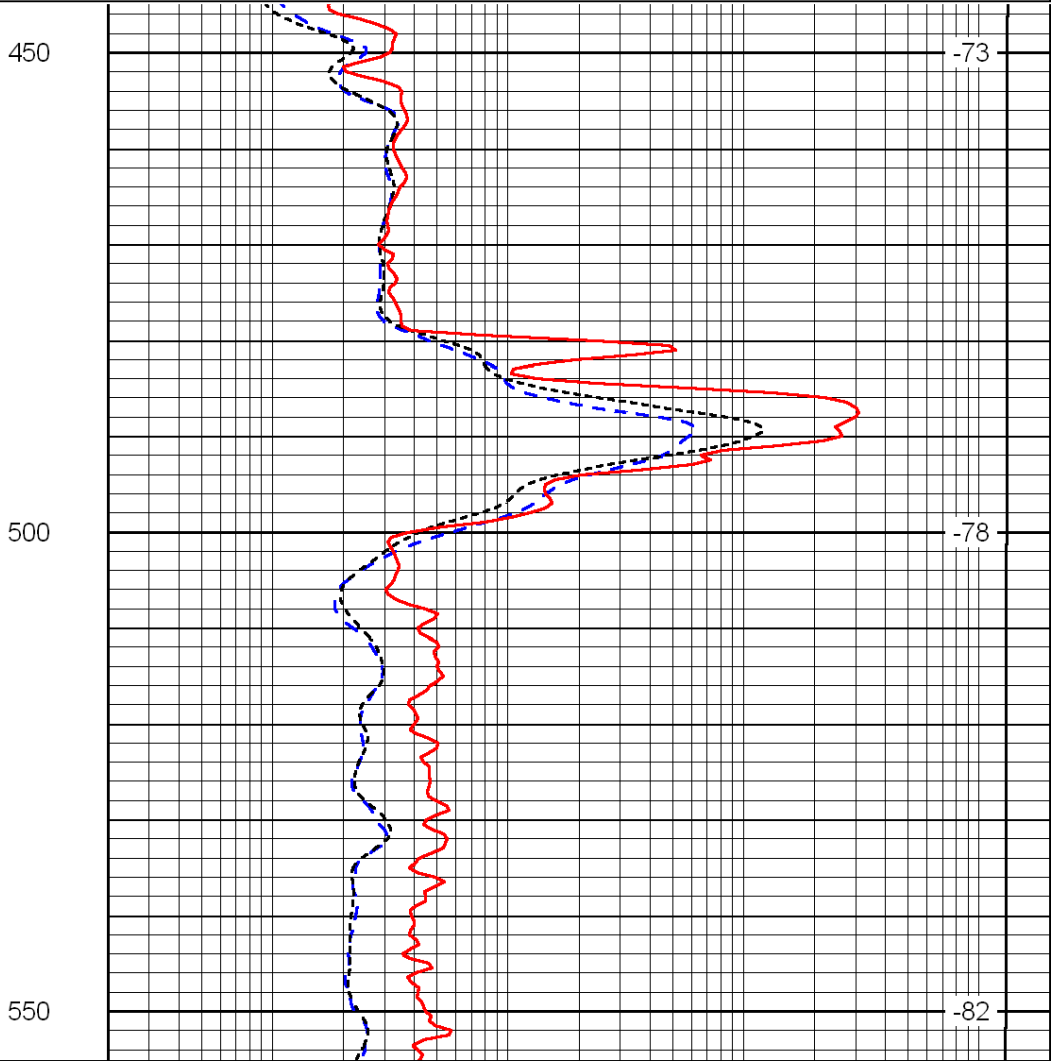
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD



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

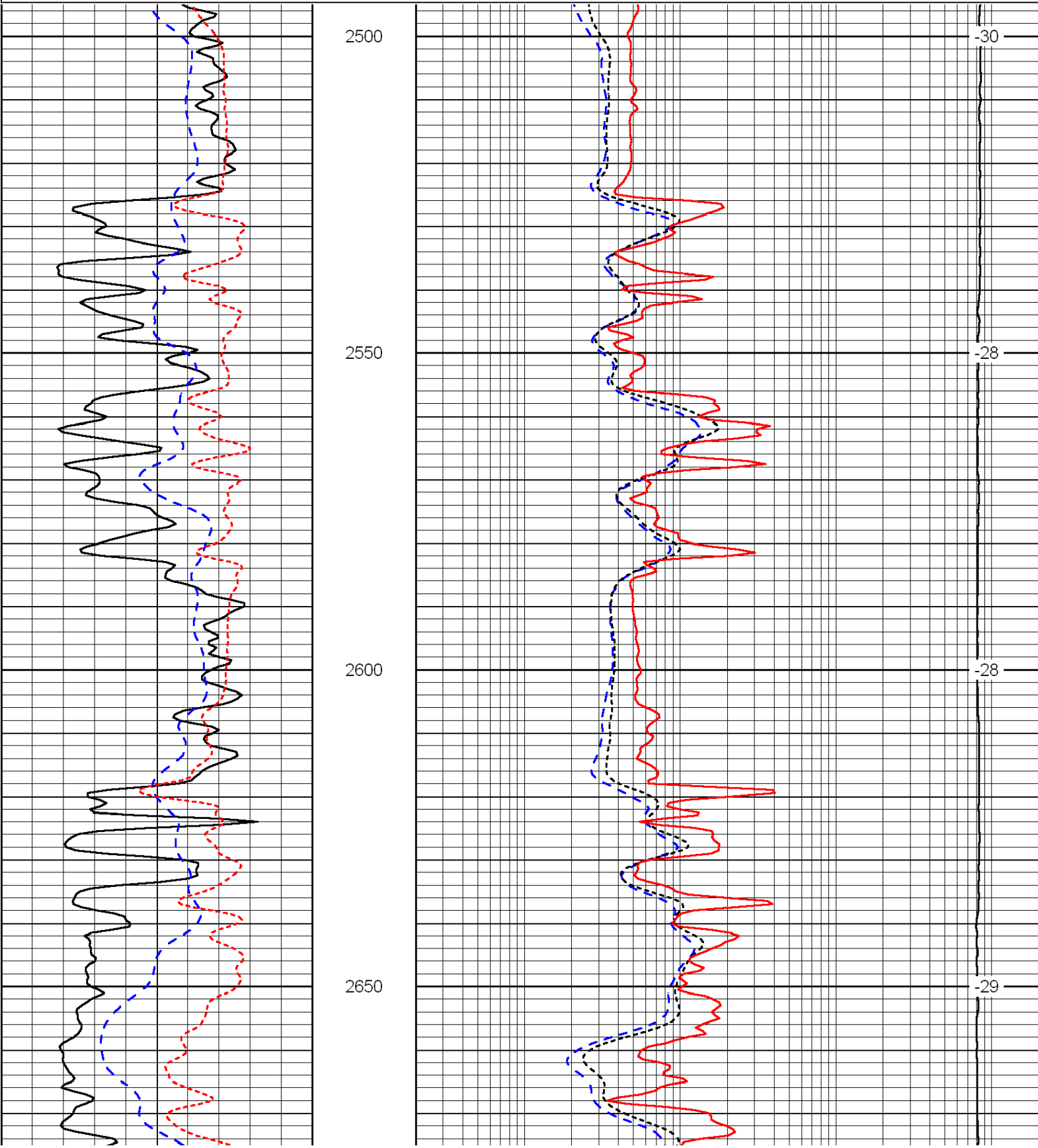
LSPD

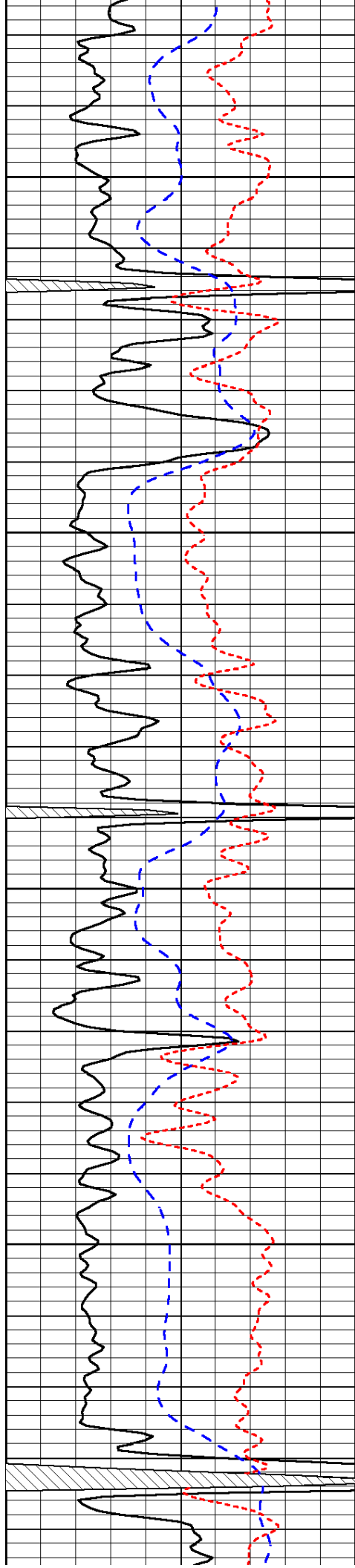
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD



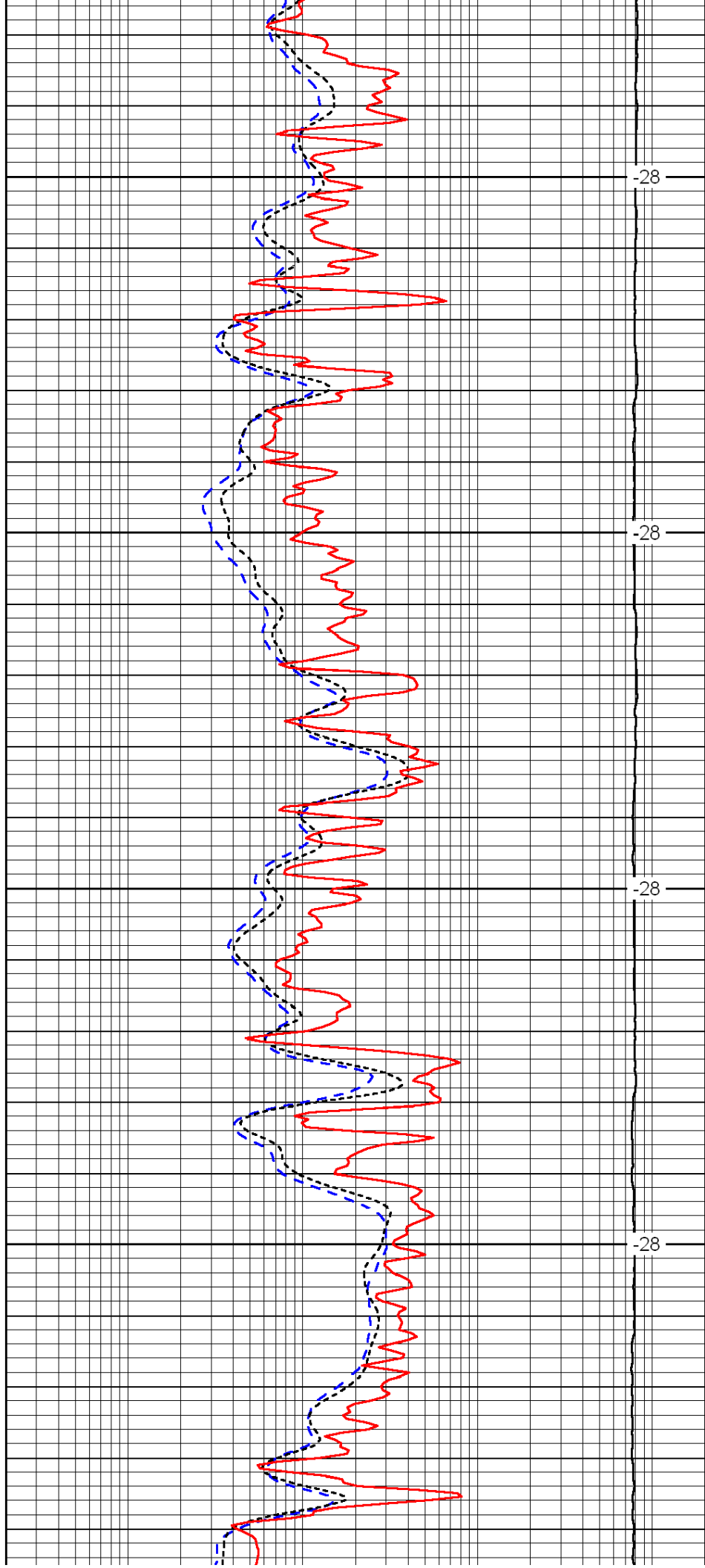


2700

2750

2800

2850

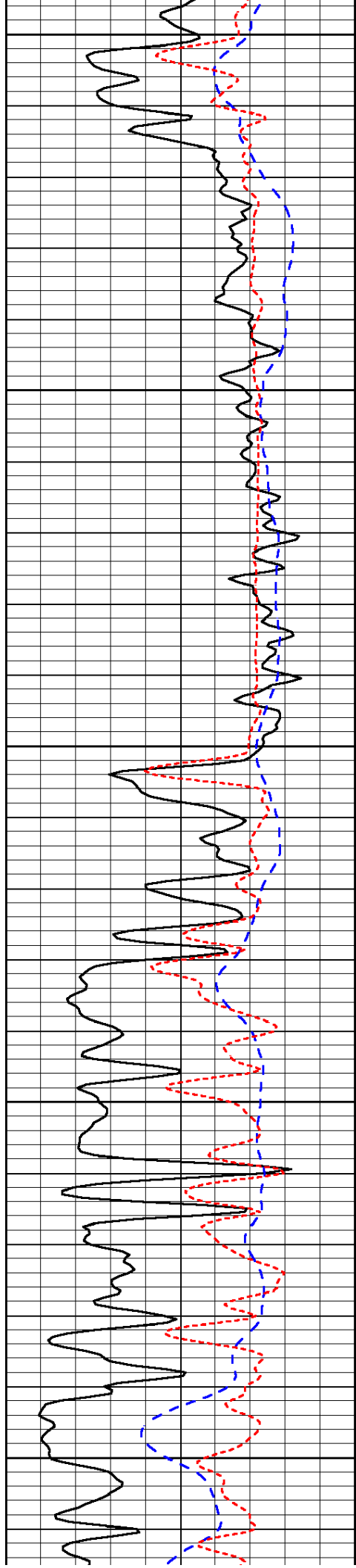


-28

-28

-28

-28



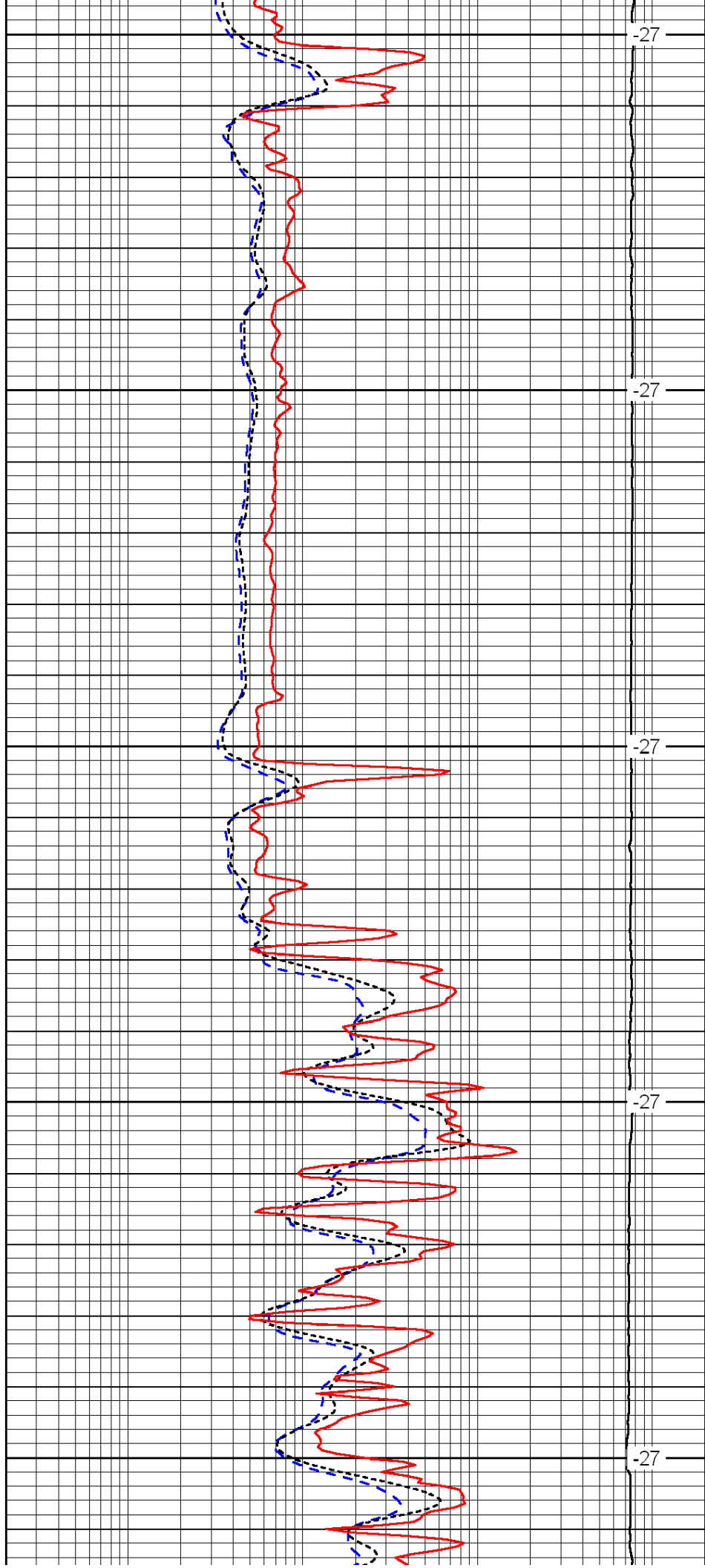
2900

2950

3000

3050

3100



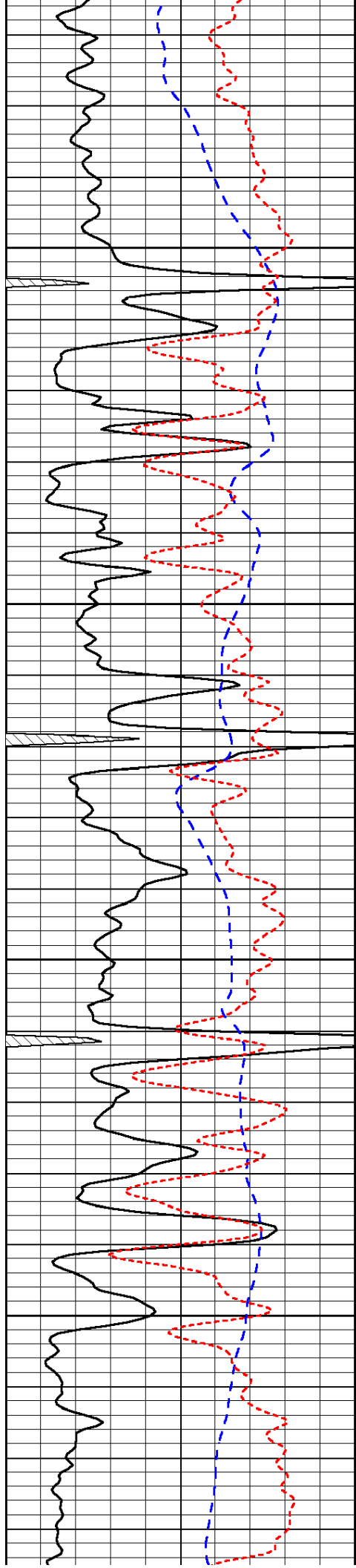
-27

-27

-27

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-27

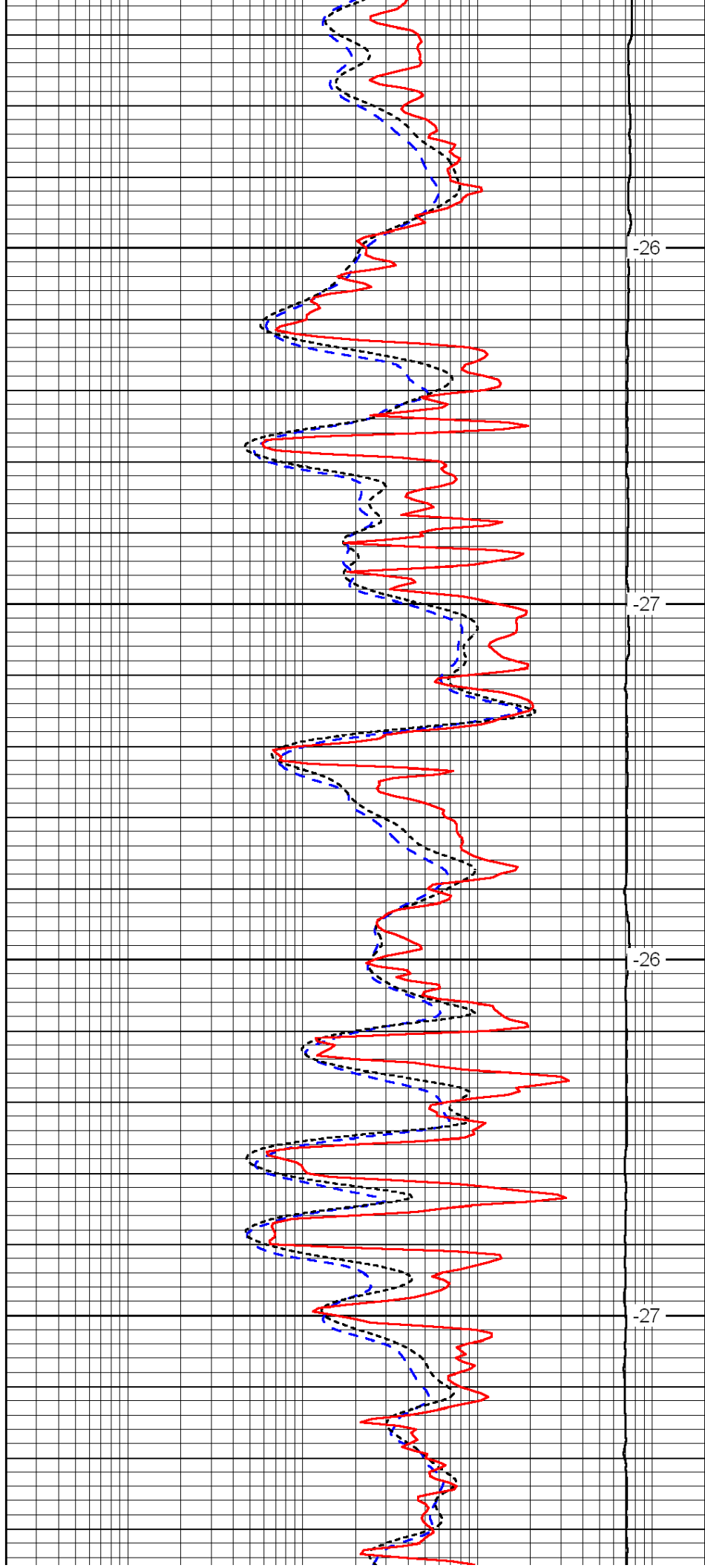


3150

3200

3250

3300

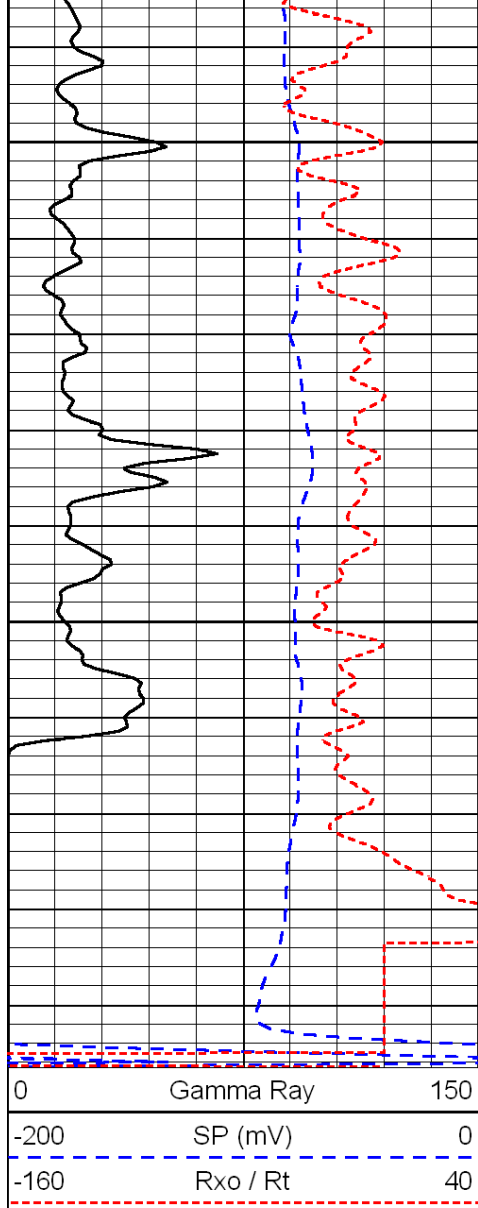


-26

-27

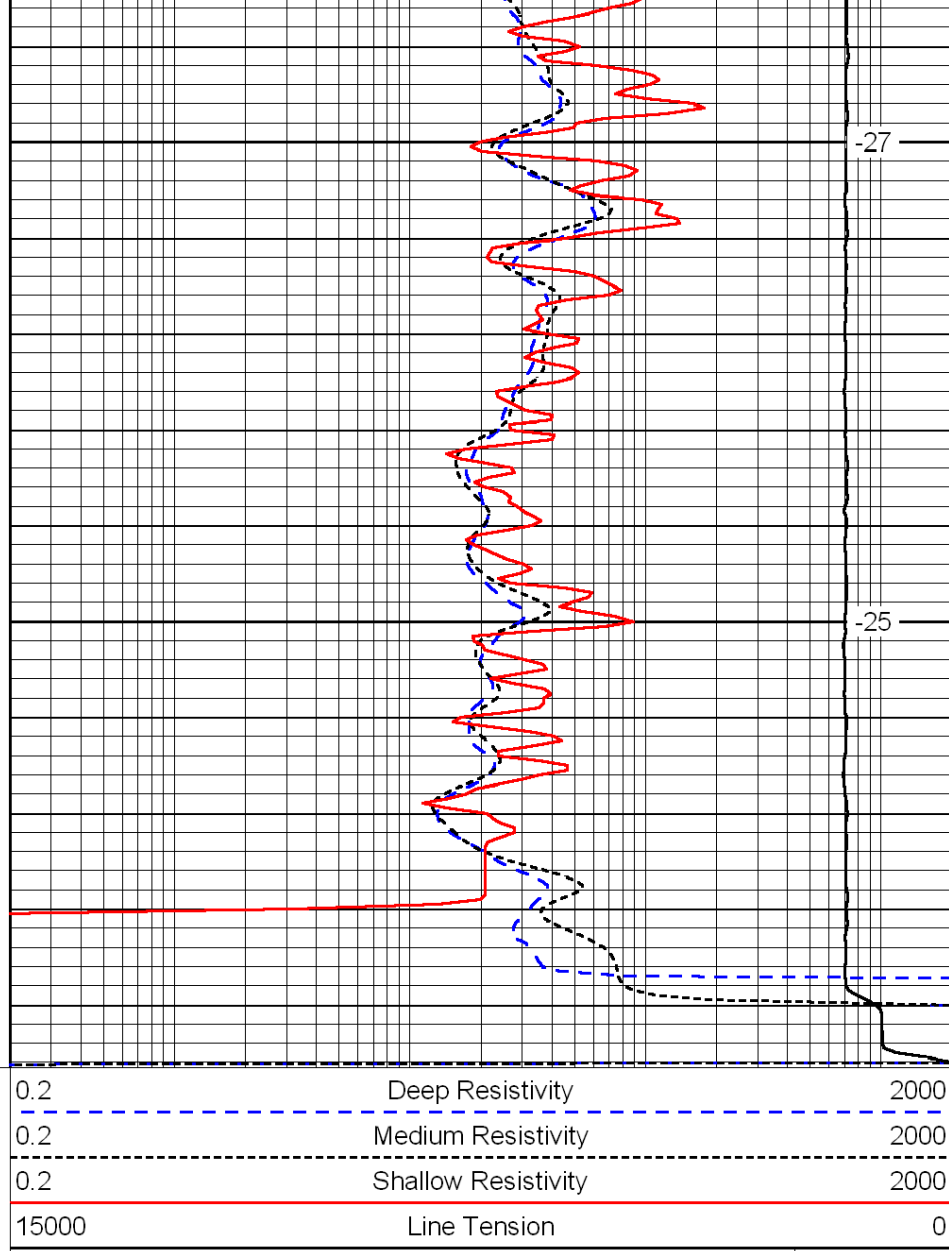
-26

-27



3350

3400



-27

-25

LSPD