



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company TDI, Inc.			
15-051-26202-00-00		Well Irvin Trust #1			
		Field Wildcat			
		County Ellis	State	Kansas	
		Location		N/2 NW SE SW 1005' FSL / 1650' FWL	
Sec: 13		Twp: 15S	Rge: 19W	Other Services CNL / CDL MEL	
Permanent Datum Ground Level		Elevation 2005		Elevation	
Log Measured From Kelly Bushing		10 Ft. Above Perm. Datum		K.B. 2015 D.F. 2005 G.L. 2005	
Drilling Measured From Kelly Bushing					
Date	11/8/2011				
Run Number	One				
Depth Driller	3750				
Depth Logger	3749				
Bottom Logged Interval	3748				
Top Log Interval	1150				
Casing Driller	8.625 @ 1201				
Casing Logger	1200				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	3000				
Density / Viscosity	9.1 53				
pH / Fluid Loss	11.0 6.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	1.20 @ 60				
Rmf @ Meas. Temp	0.90 @ 60				
Rmc @ Meas. Temp	1.62 @ 60				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.63 @ 114				
Operating Rig Time	3 Hours				
Max Rec. Temp. F	114				
Equipment Number	15				
Location	Hays				
Recorded By	R. Barnhart				
Witnessed By	Herb Deines	Tom Denning			

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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.

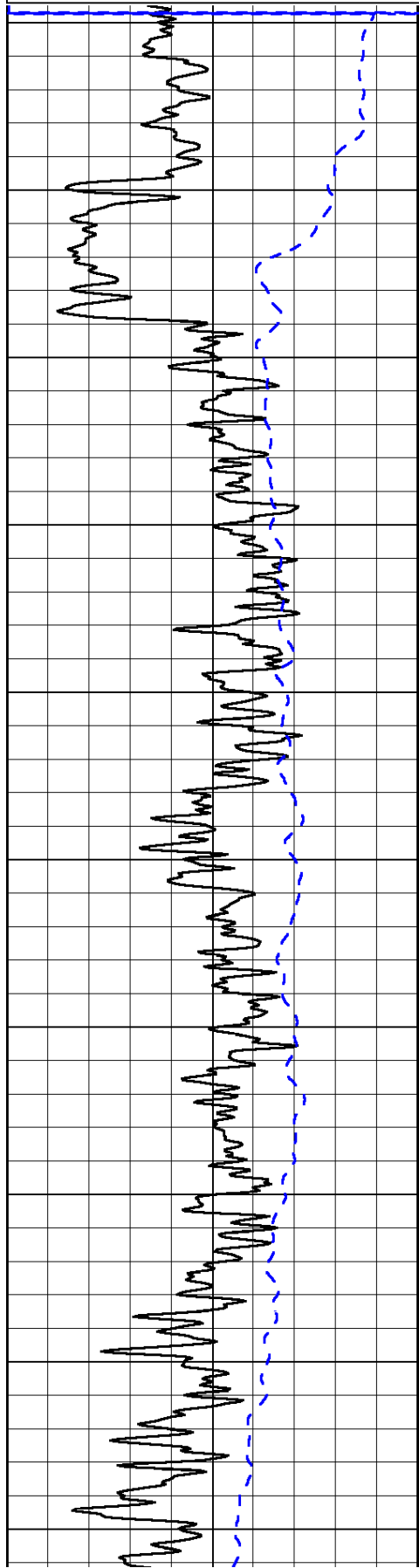
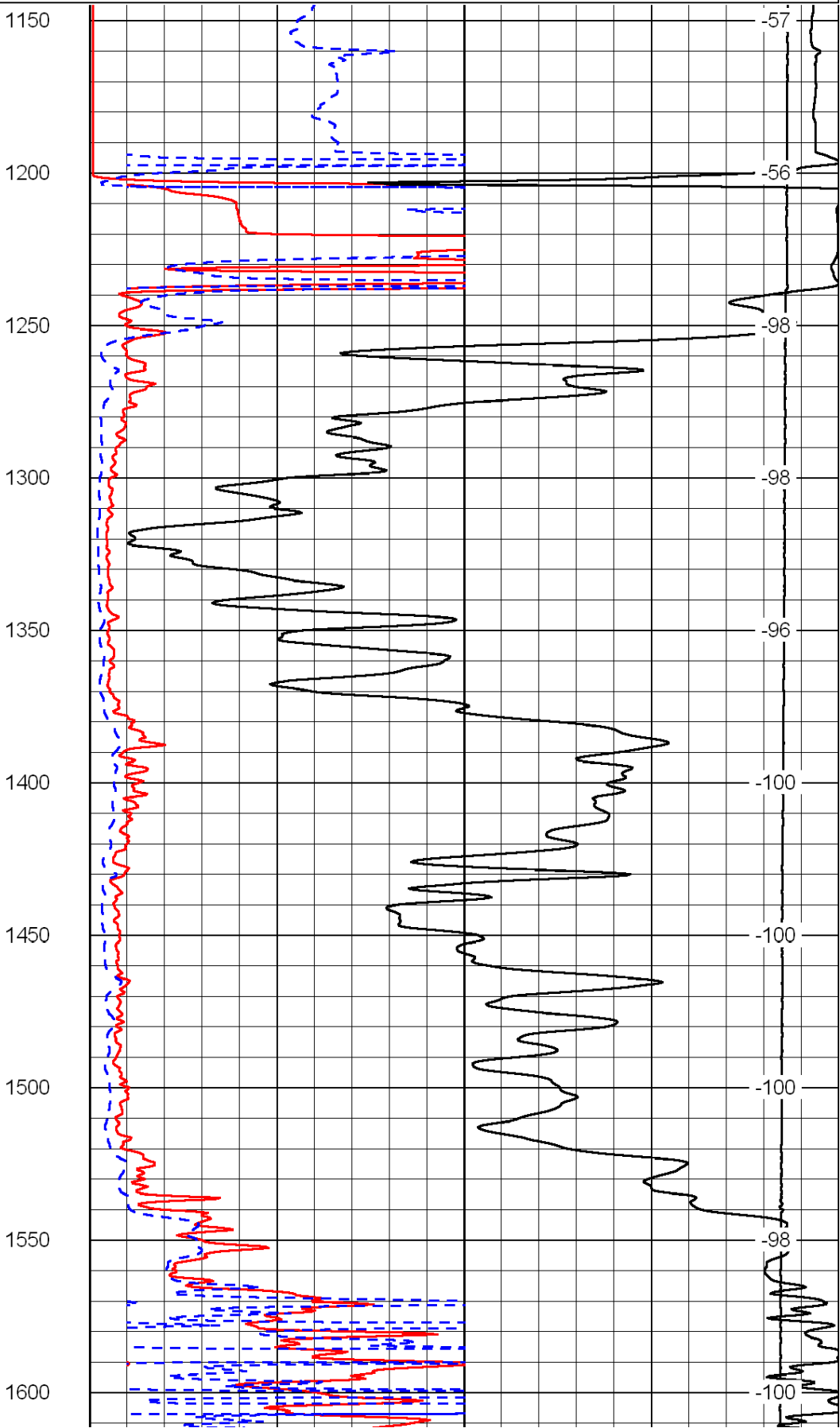
Comments

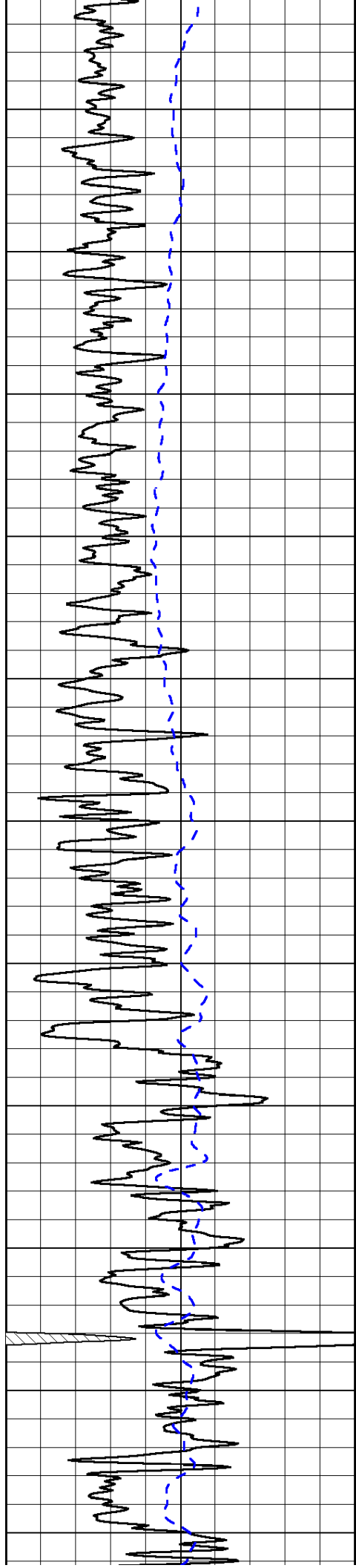
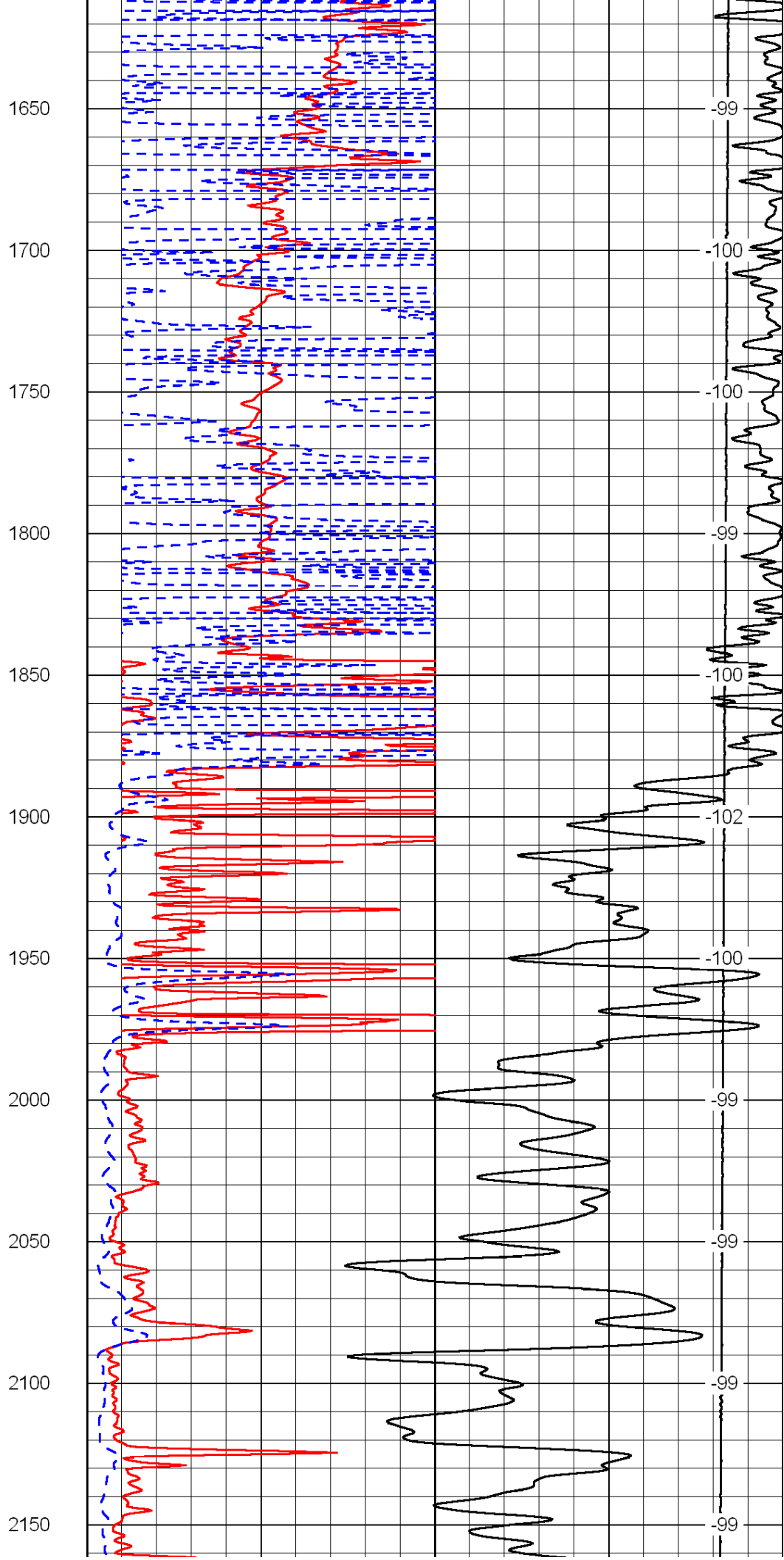
Thank you for using Log-Tech, Inc.
(785) 625-3858

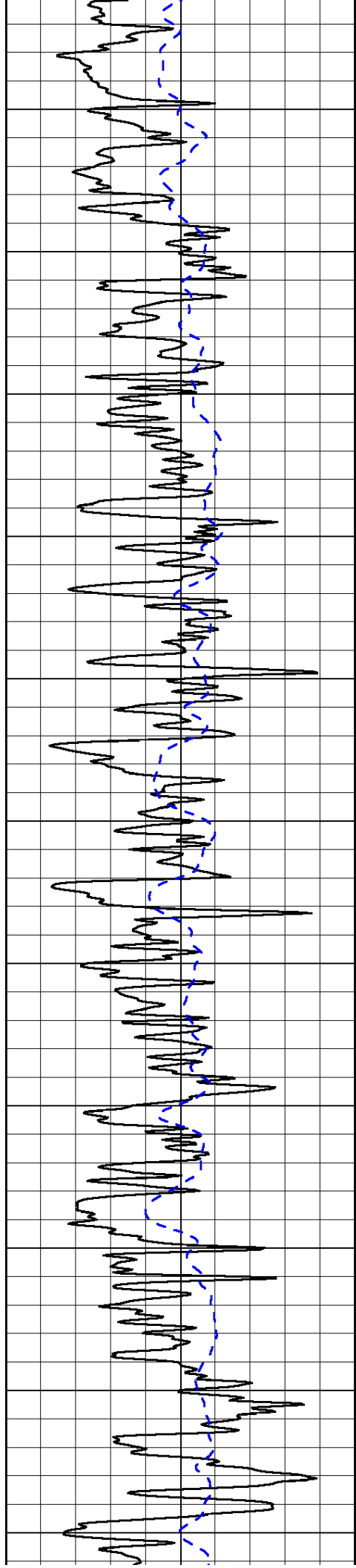
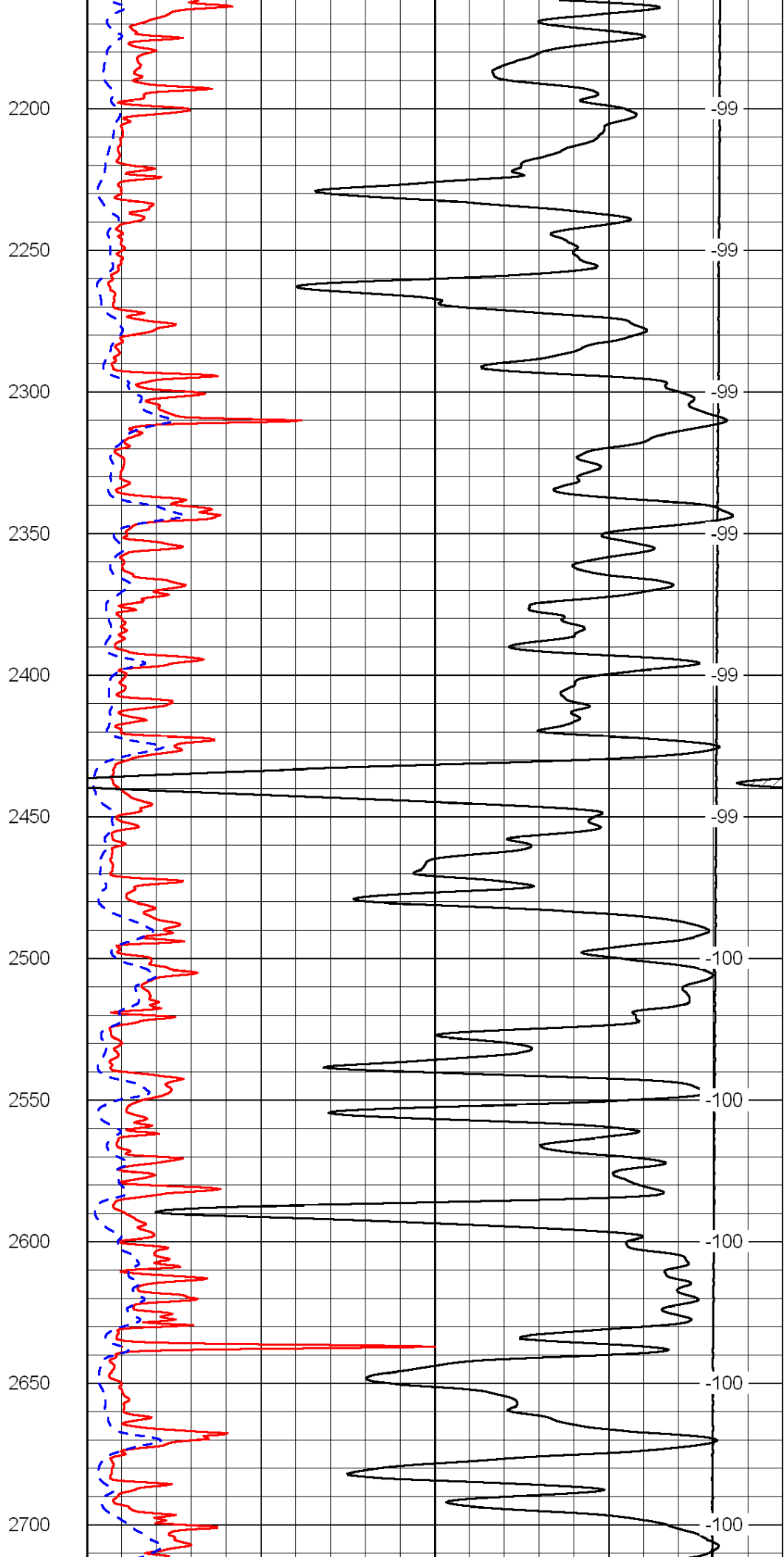
Antonino, KS:
3S, 1/4E, N into

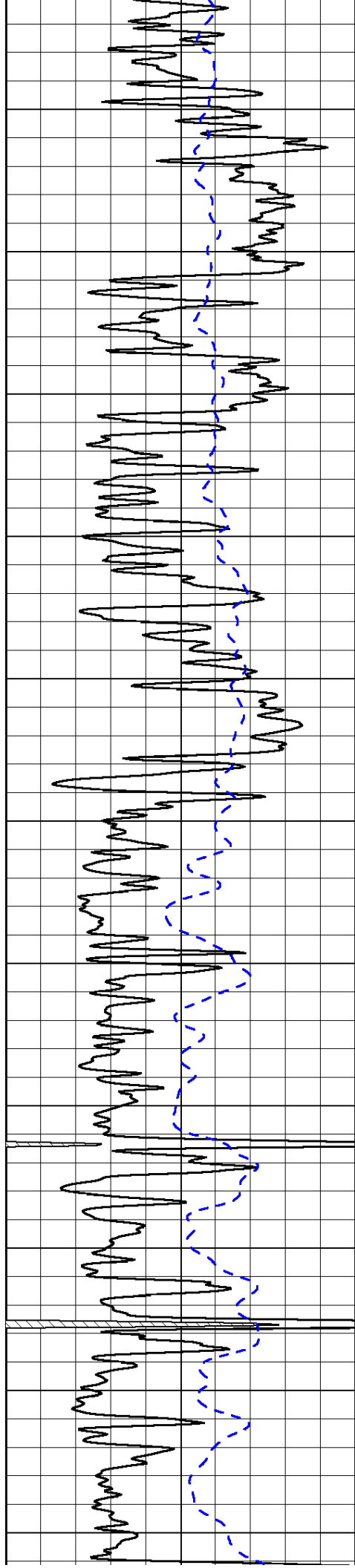
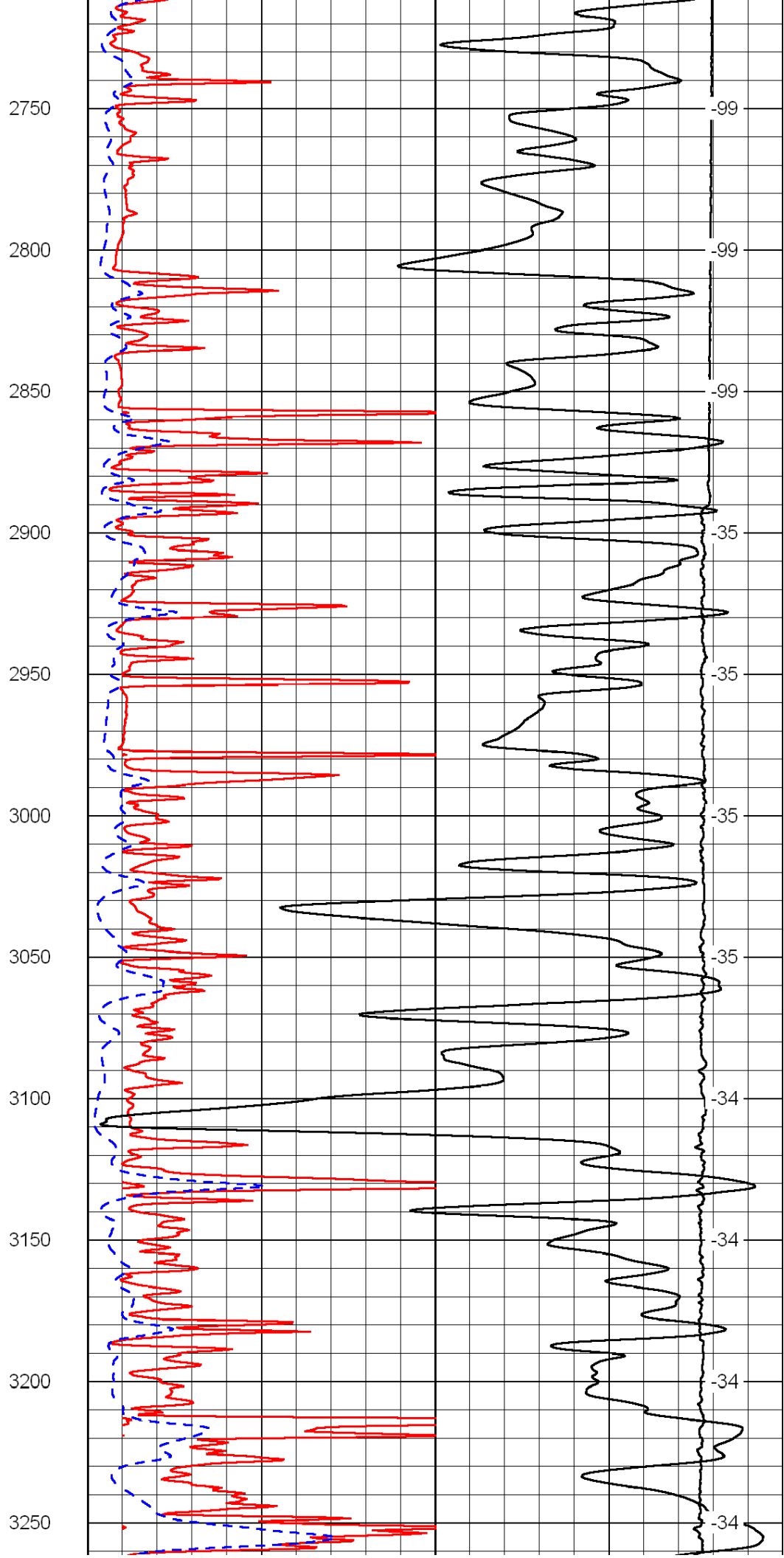
0	Gamma Ray	150
-200	SP (mV)	0

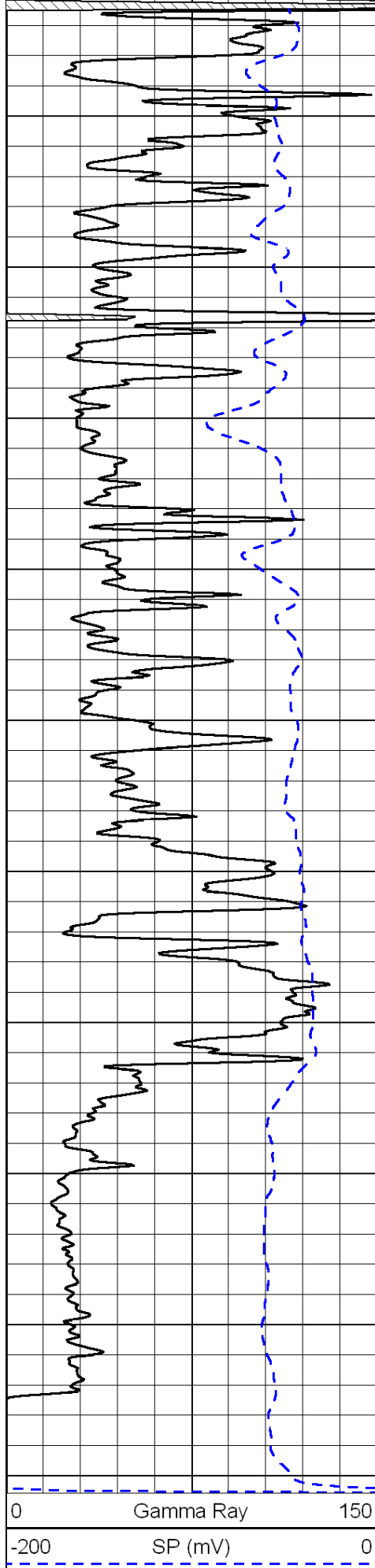
0	Shallow Resistivity	50	LSPD	
0	Deep Resistivity	50		
<hr style="border-top: 1px dashed blue;"/>				
1000	Conductivity		0	
15000			Line Tension	0
<hr/>				
50	Shallow Resistivity	500		
50	Deep Resistivity	500		
<hr style="border-top: 1px dashed blue;"/>				



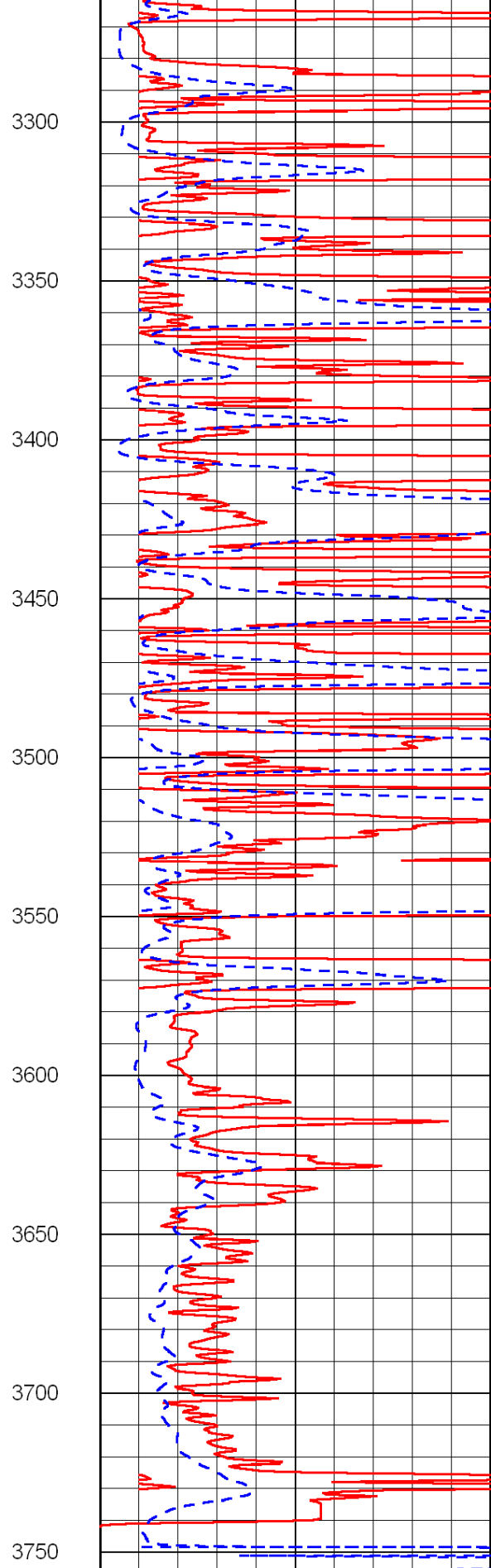




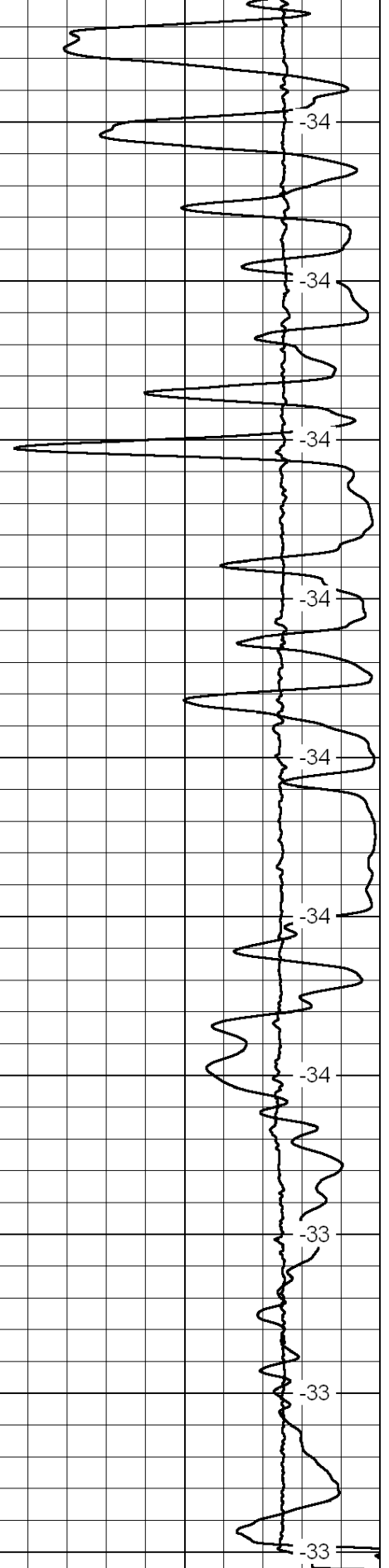




0 Gamma Ray 150
-200 SP (mV) 0



0 Shallow Resistivity 50
0 Deep Resistivity 50



LSPD

1000 Conductivity 0

15000 Line Tension 0

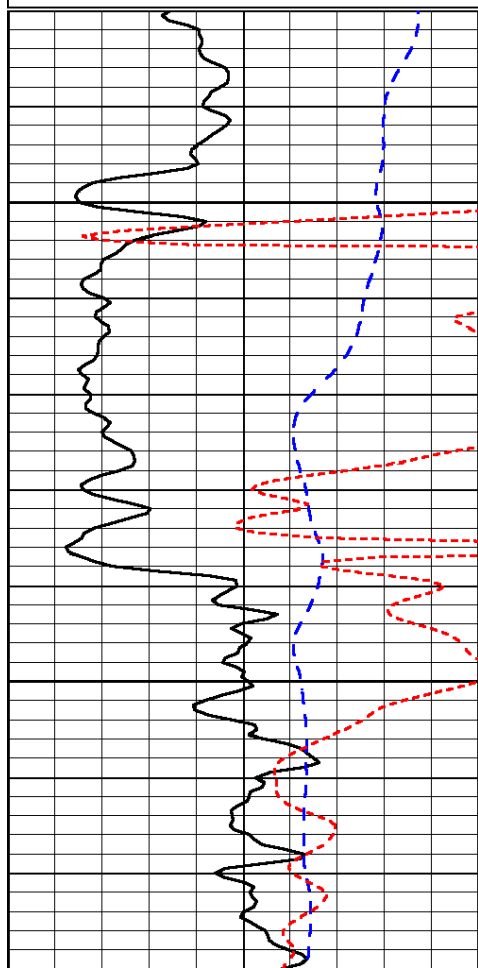
50 Shallow Resistivity 500

Database File: c:\warrior\data\tdi_irvin trust #1\tdihd.db
 Dataset Pathname: dil/tdimain
 Presentation Format: dil
 Dataset Creation: Tue Nov 08 23:36:05 2011
 Charted by: Depth in Feet scaled 1:240

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

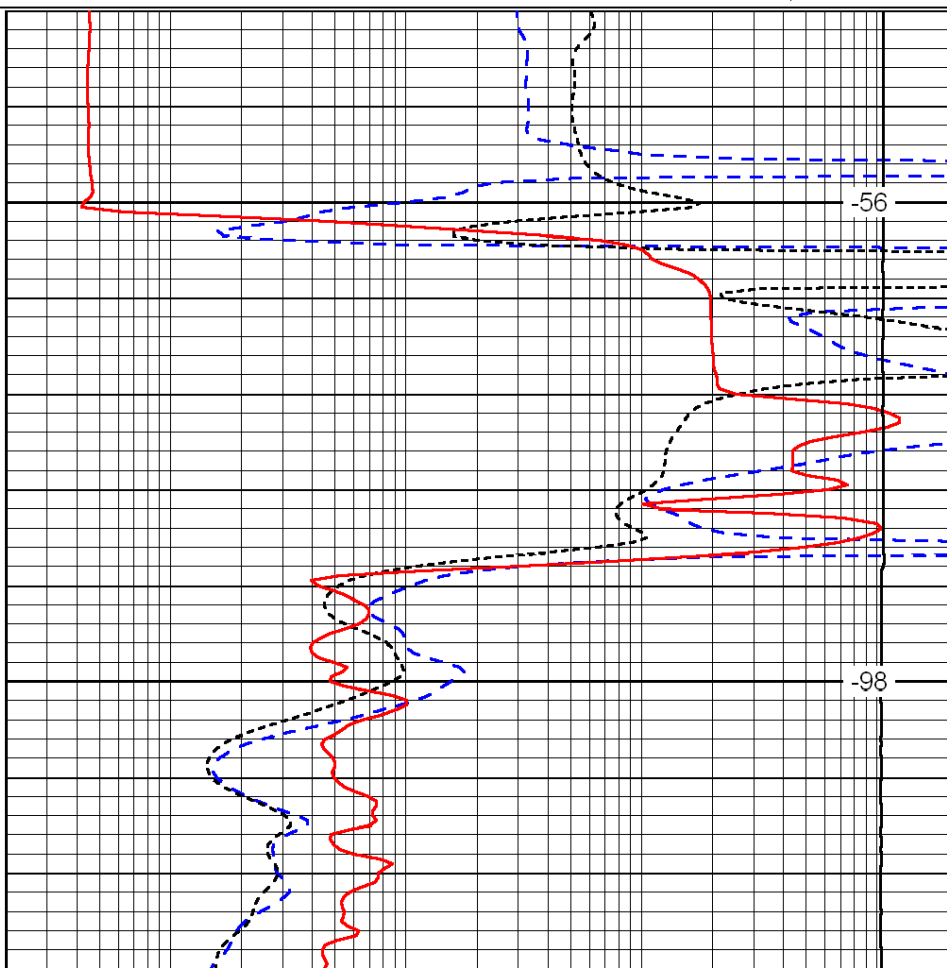
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



1200

1250



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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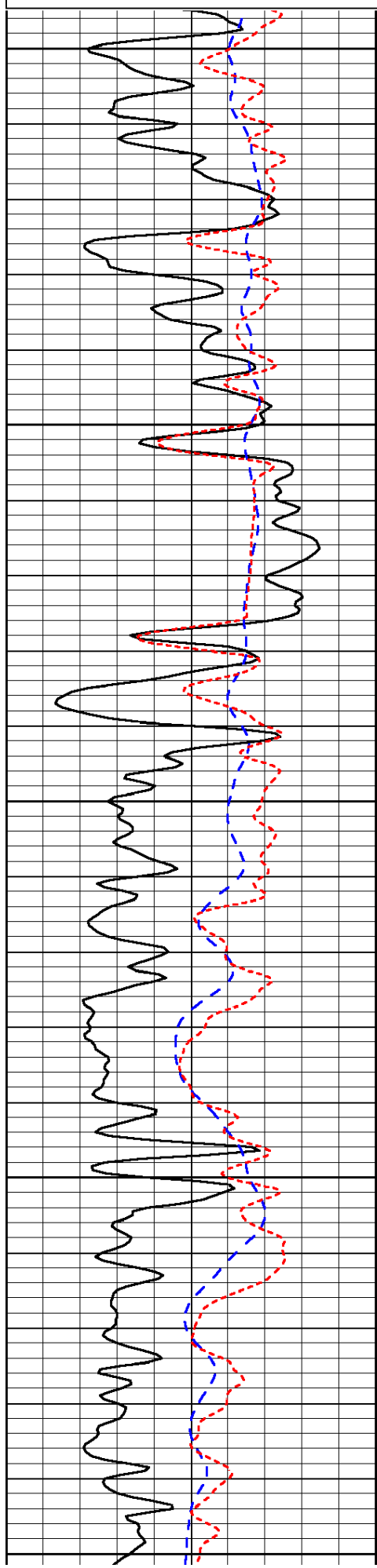
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

100 0.2 Rx0.7Rt 40

Shallow Resistivity 2000

15000 Line Tension 0

LSPD



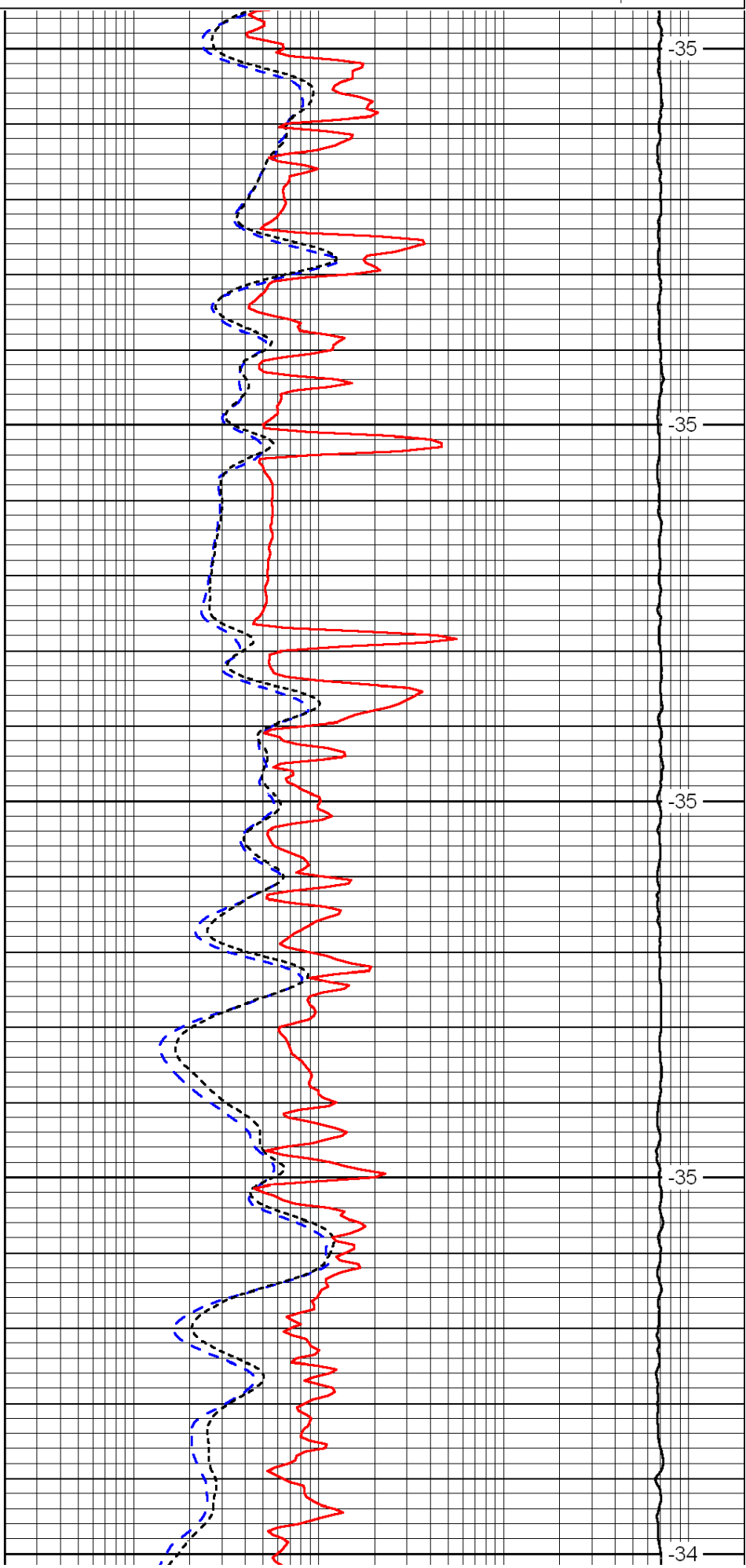
2900

2950

3000

3050

3100



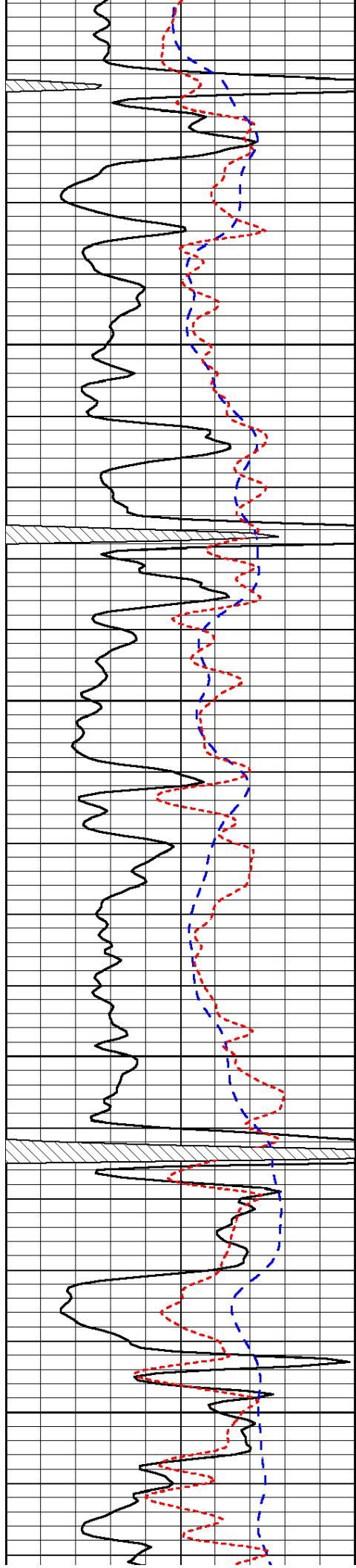
-35

-35

-35

-35

-34

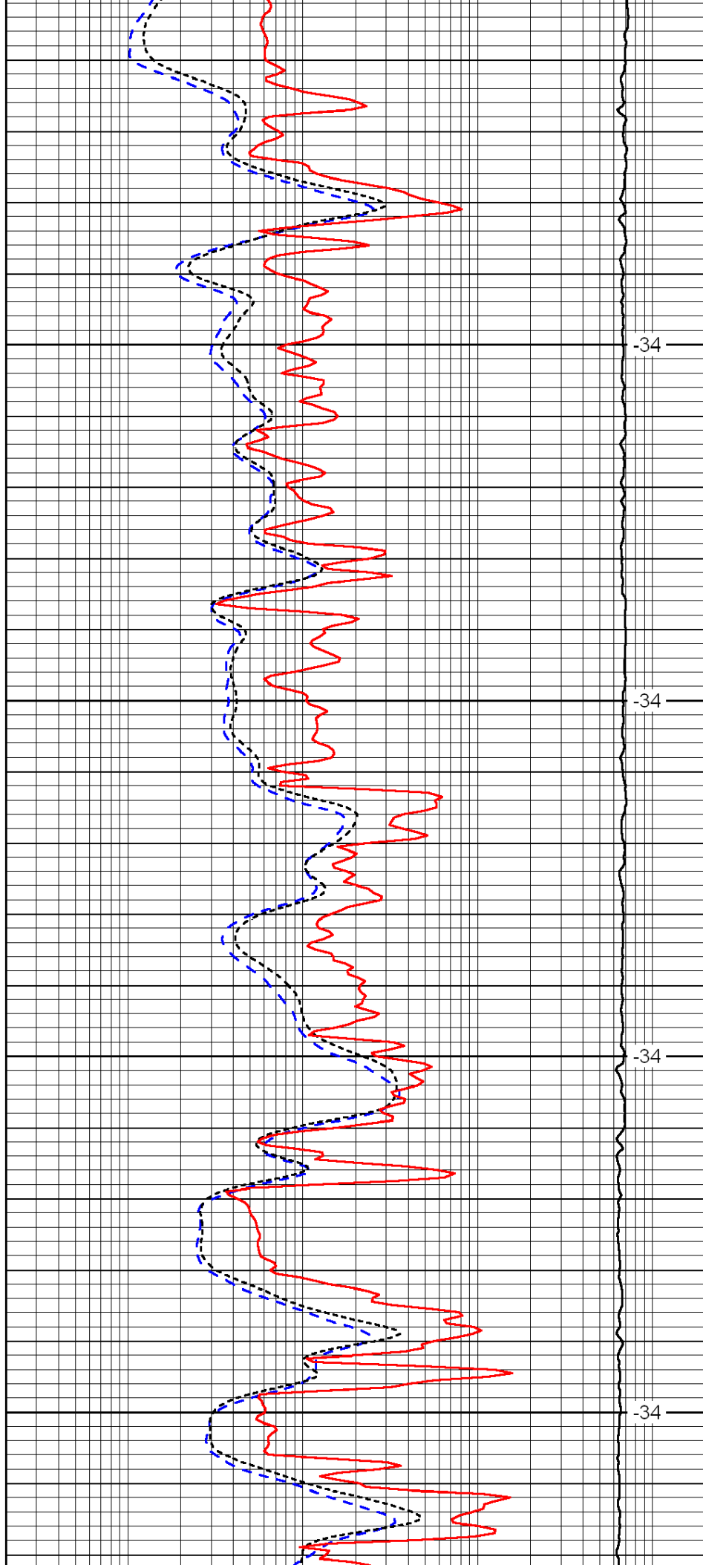


3150

3200

3250

3300

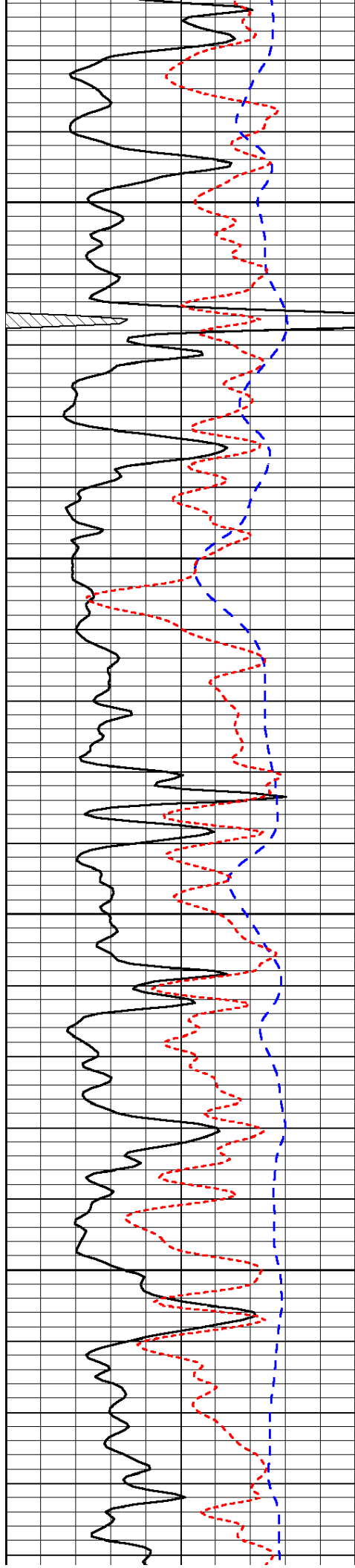


-34

-34

-34

-34

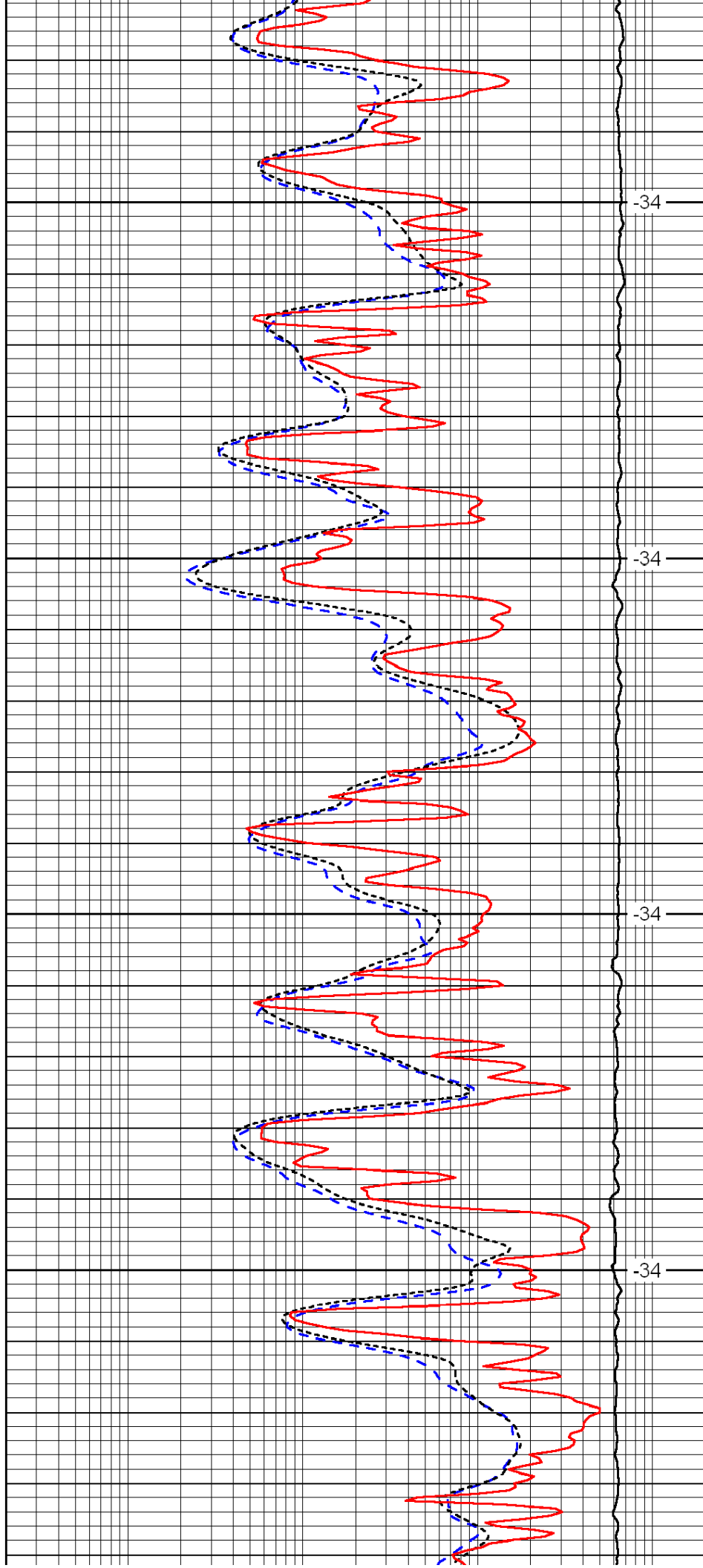


3350

3400

3450

3500

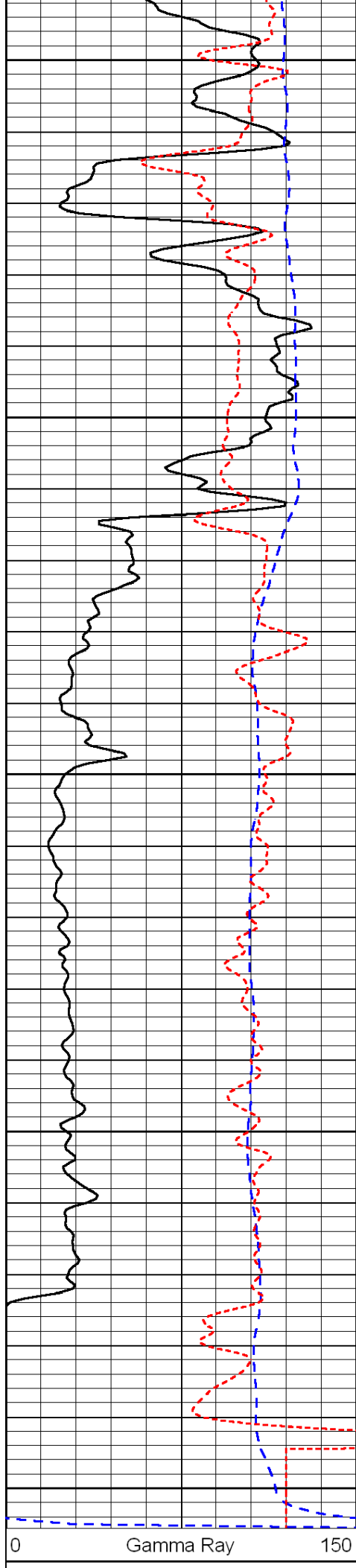


-34

-34

-34

-34



3550

3600

3650

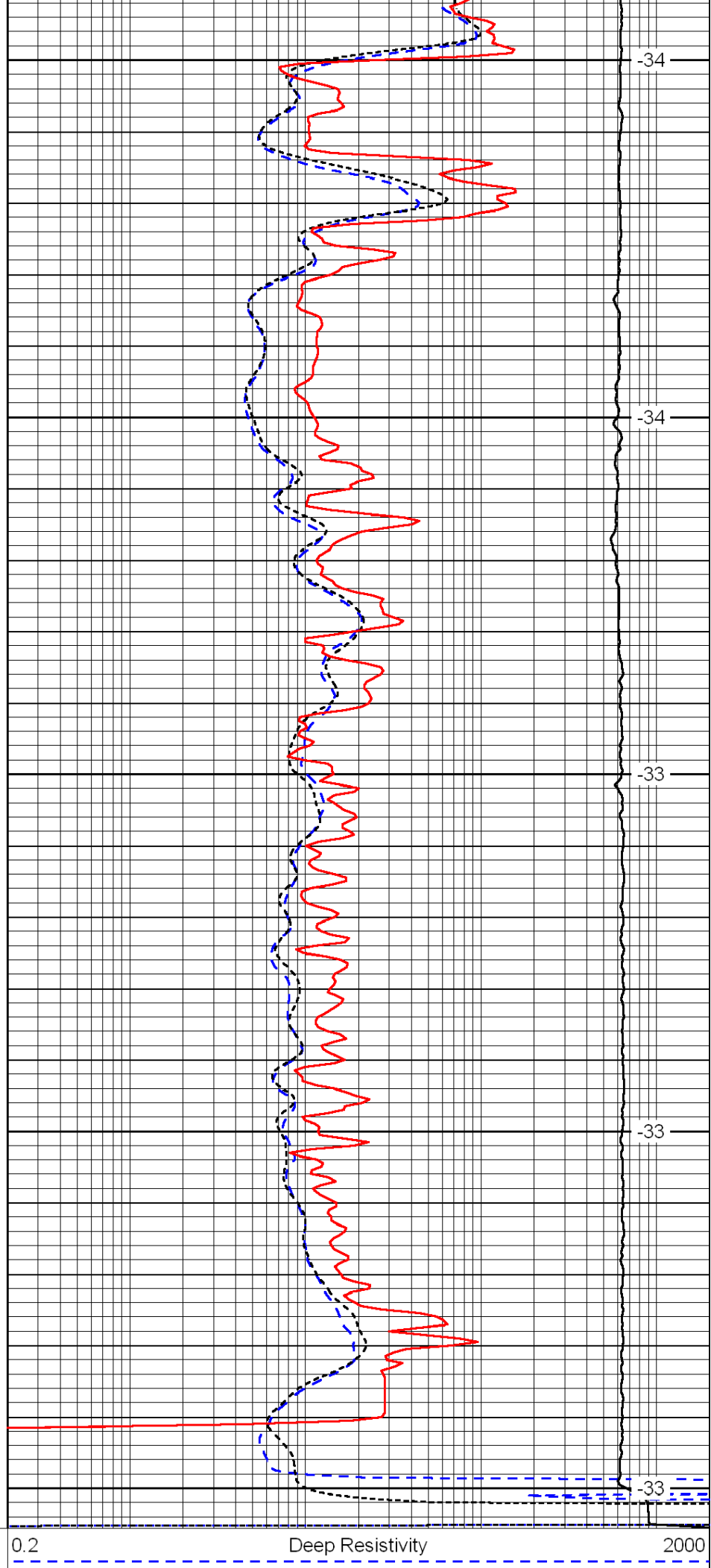
3700

3750

Gamma Ray

0

150



-34

-34

-33

-33

-33

Deep Resistivity

0.2

2000

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

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