



Dual Induction Log

Pioneer Energy Services

API No.	Company C&J Production, LLC				
	Well Buzenitz #1				
	Field Unger				
	County	Marion	State	Kansas	
15-115-21,485-00-00	Location	1,980' FSL & 2,310' FEL			Other Services CNL/CDL MEL
	Sec: 18	Twp: 21S	Rge: 3E	Elevation K.B. D.F. G.L. 1455	
Permanent Datum	Ground Level		Elevation 1455		
Log Measured From	Ground Level	0	Ft. Above Perm. Datum		
Drilling Measured From	Ground Level				
Date	9/17/2014				
Run Number	One				
Depth Driller	2899				
Depth Logger	2899				
Bottom Logged Interval	2898				
Top Log Interval	200				
Casing Driller	8.625 @ 208				
Casing Logger	204				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	1300				
Density / Viscosity	9.3	36			
pH / Fluid Loss	9.0	9.4			
Source of Sample	Flowline				
Rm @ Meas. Temp	1.80 @ 76				
Rmf @ Meas. Temp	1.35 @ 76				
Rmc @ Meas. Temp	2.43 @ 76				
Source of Rmf / Rmc	Charts				
Rm @ BHT	1.30 @ 105				
Operating Rig Time	3 1/2 Hours				
Max Rec. Temp. F	105				
Equipment Number	108				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Doug Davis				

<<< Fold Here >>>

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 Pioneer Energy Services
www.pioneerres.com
785 625 3858

Hillsboro, 5 East to Nighthawk Road, 8 South to 110 Road, 1 West,
1/2 South, West Into

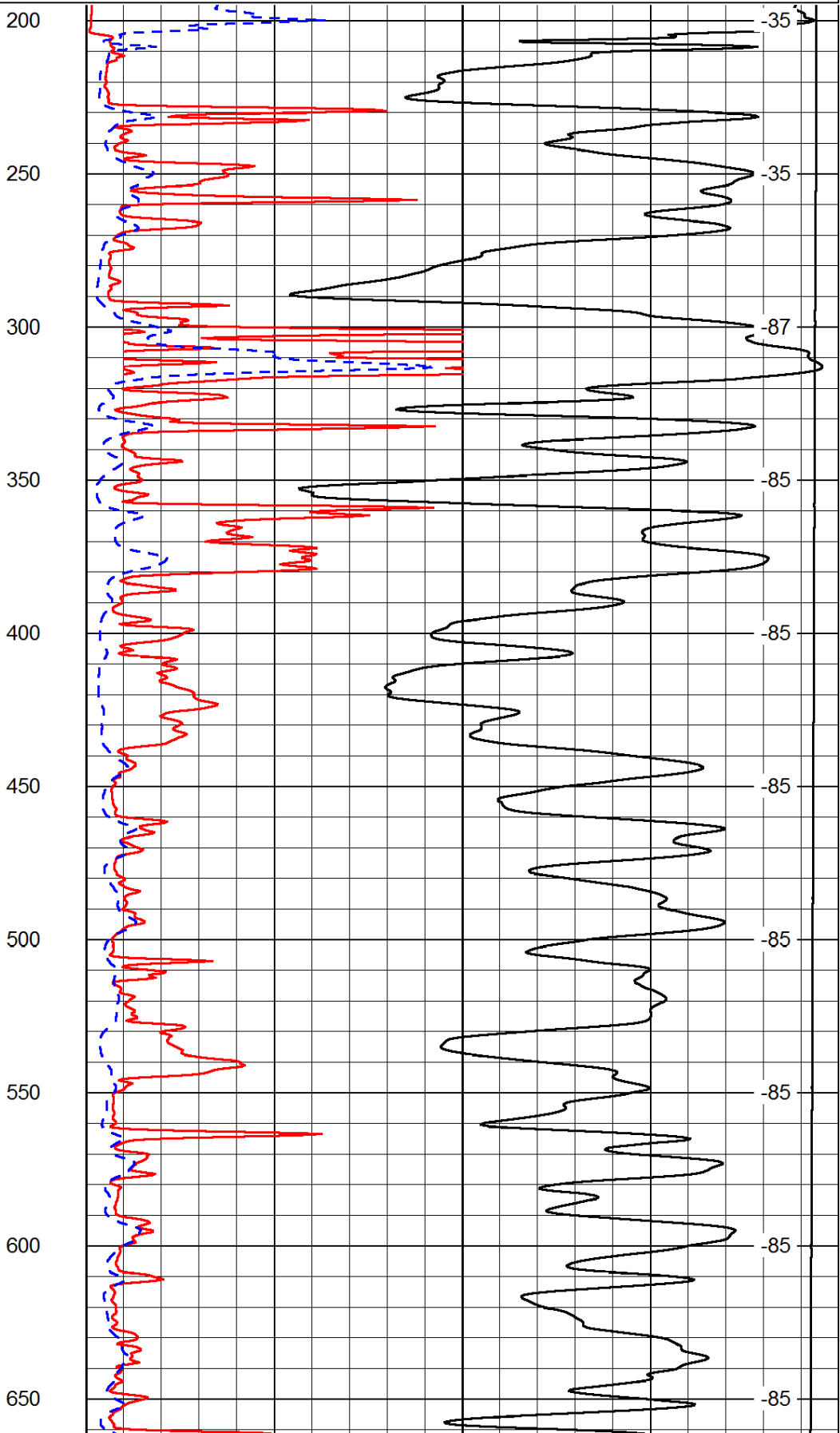
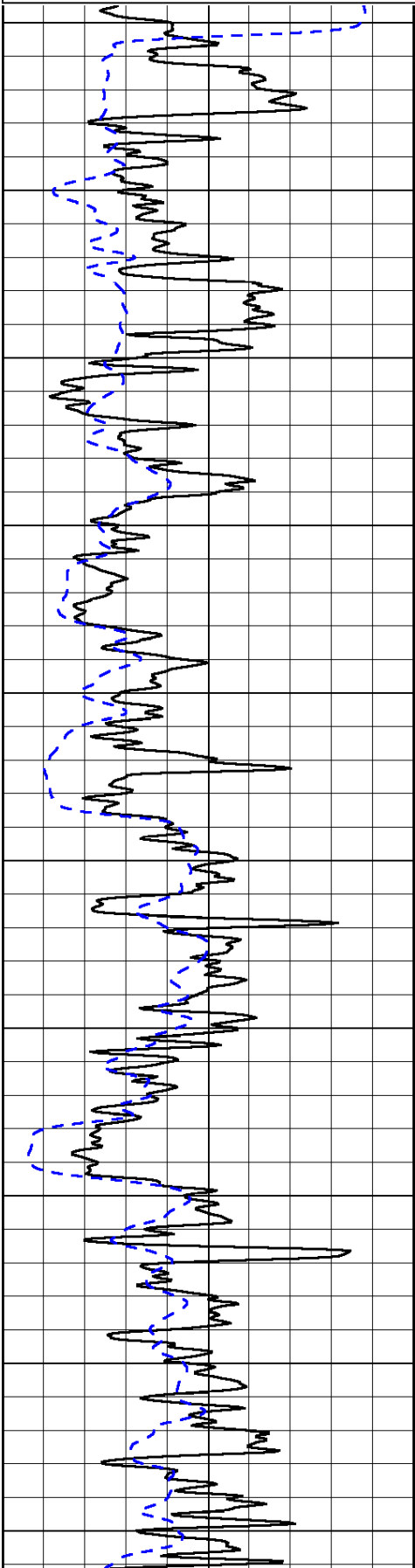
Database File: c:\warrior\data\c&j production_buzenitz # 1\c&j_buzenitz_1hd.db
Dataset Pathname: dil/cjstck
Presentation Format: dil2in
Dataset Creation: Wed Sep 17 00:18:50 2014
Charted by: Depth in Feet scaled 1:600

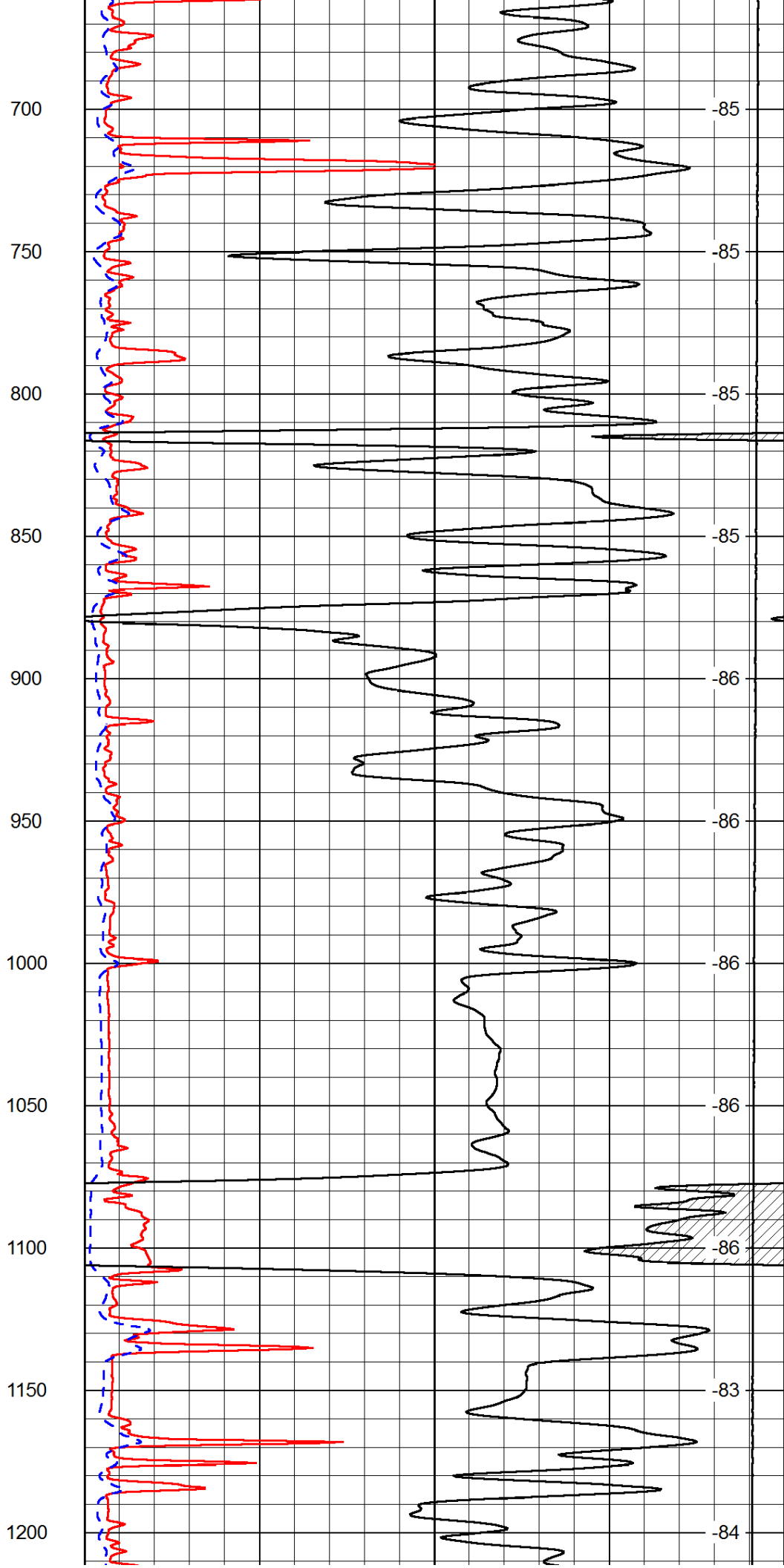
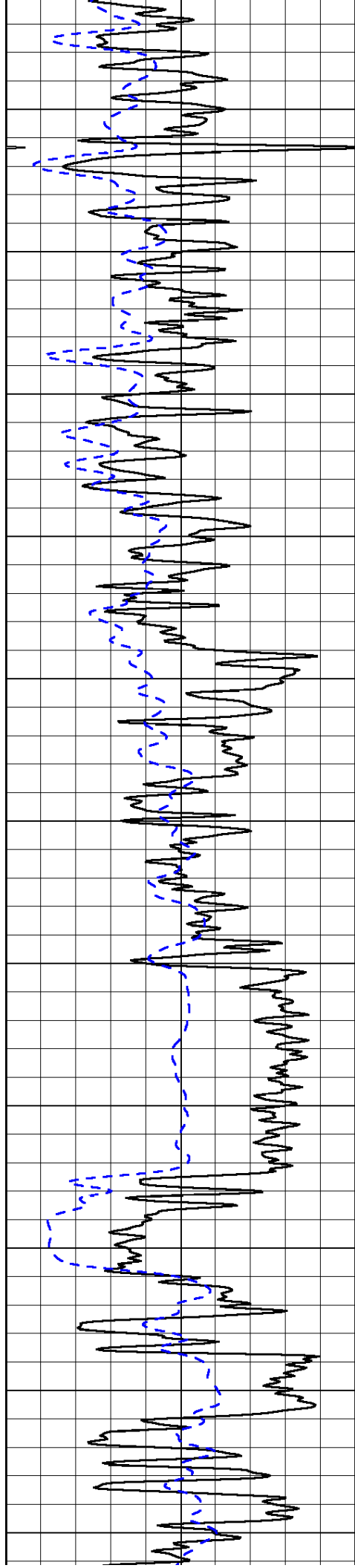
Charted by: Depth in Feet scaled 1:600

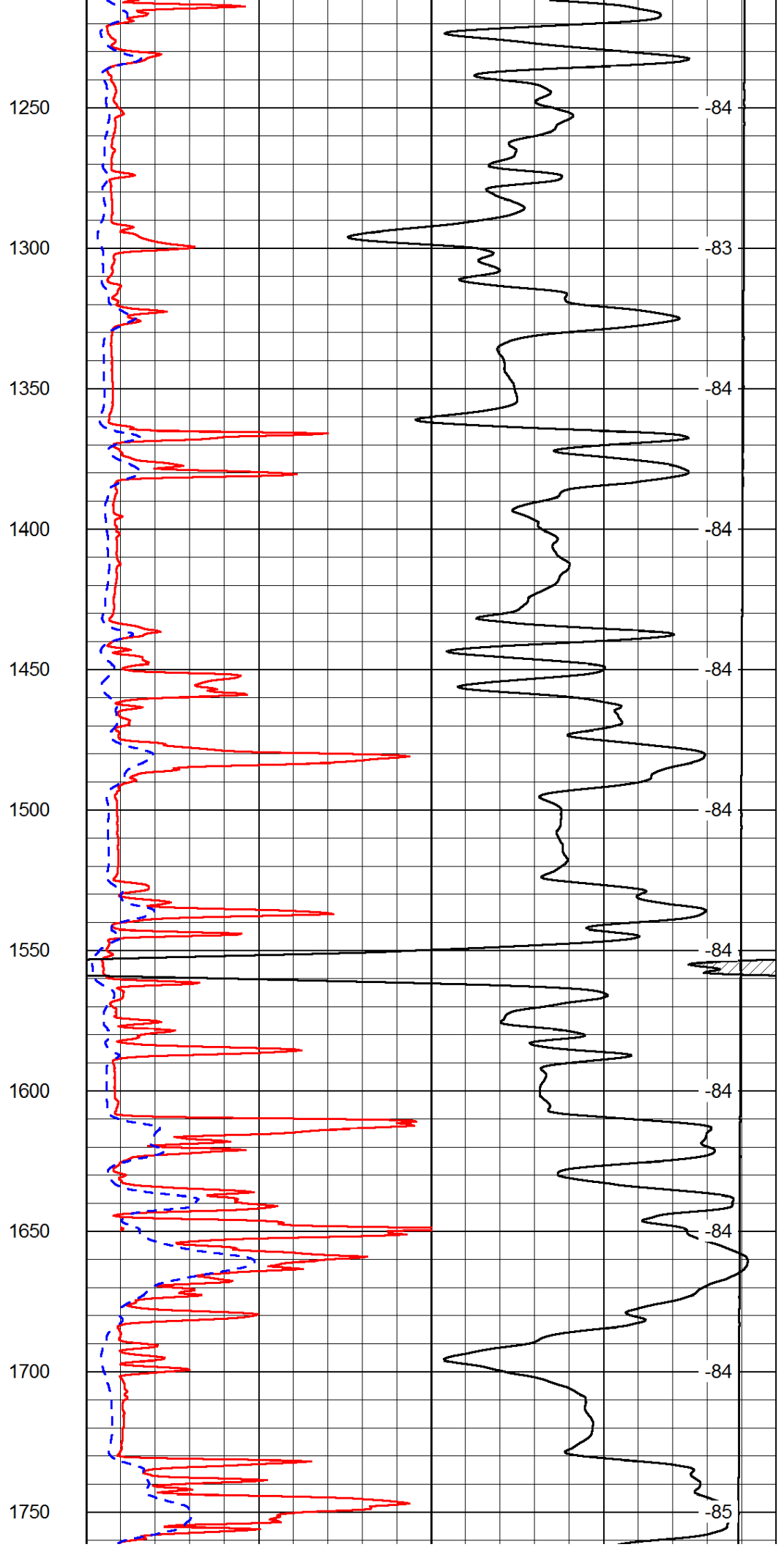
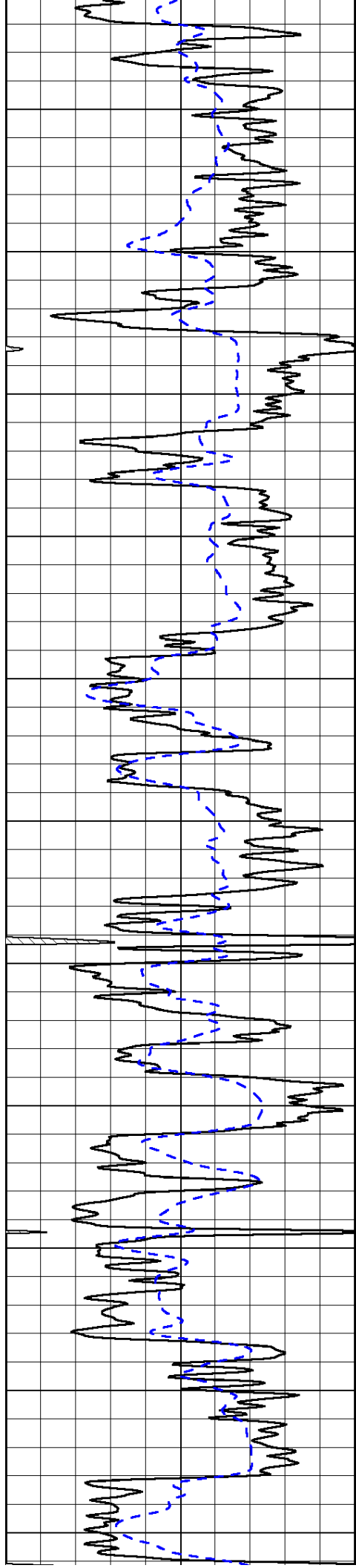
0	Gamma Ray	150
-200	SP (mV)	0

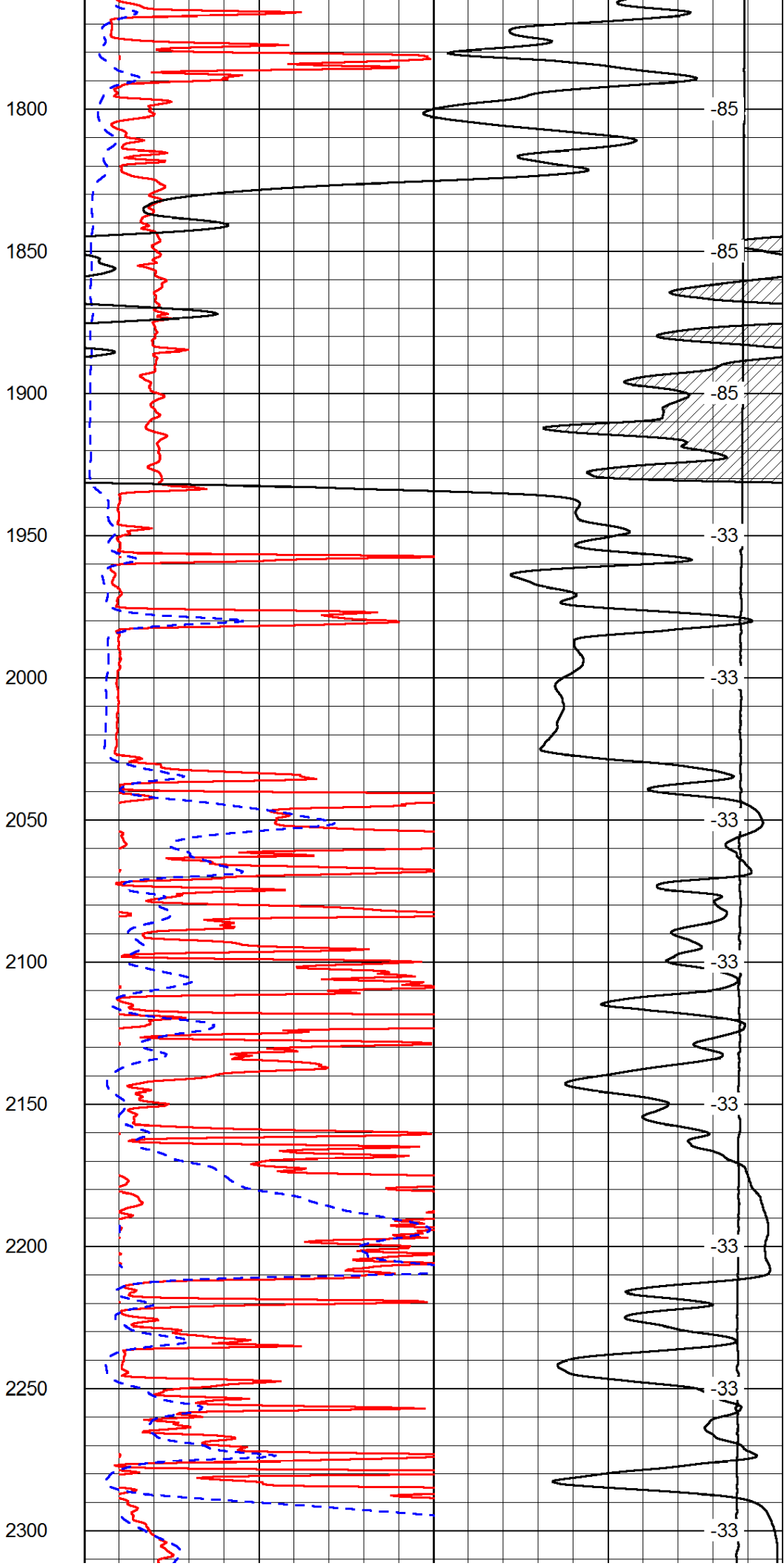
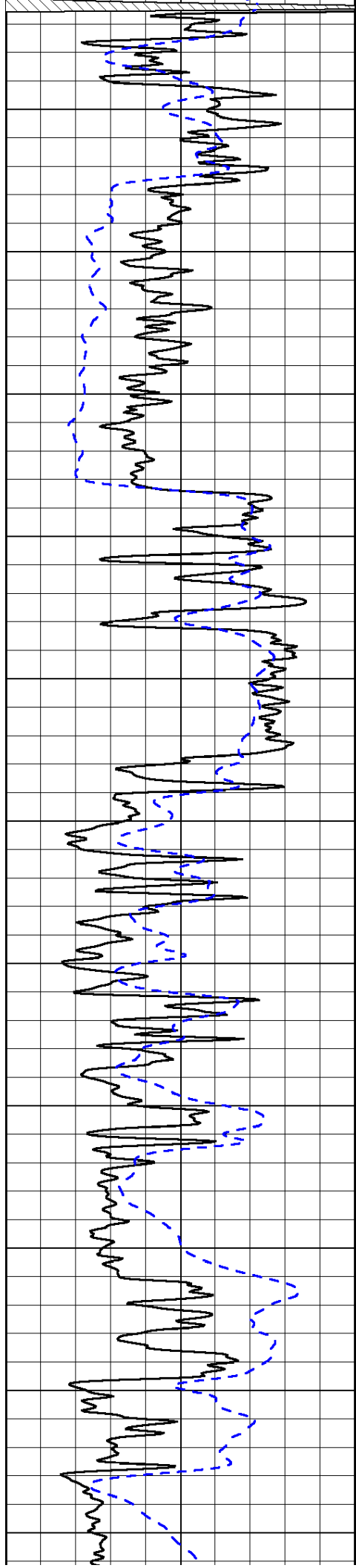
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

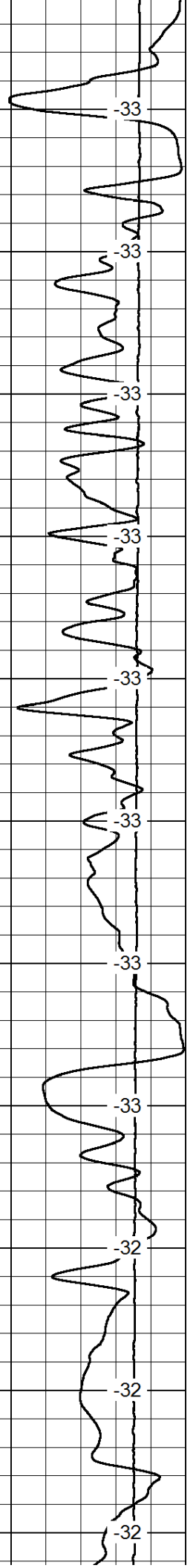
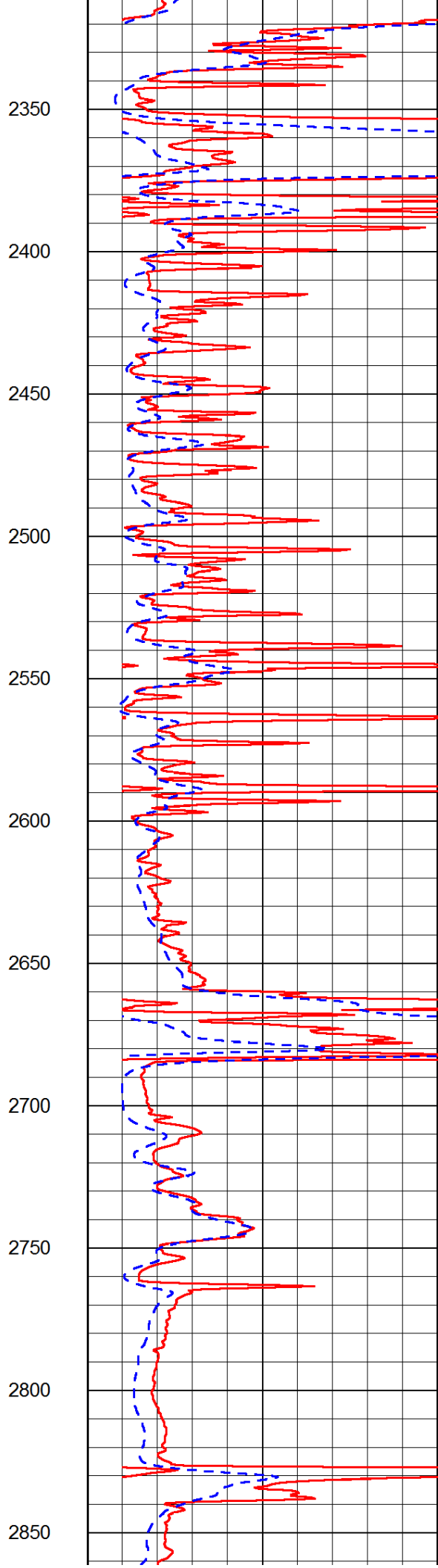
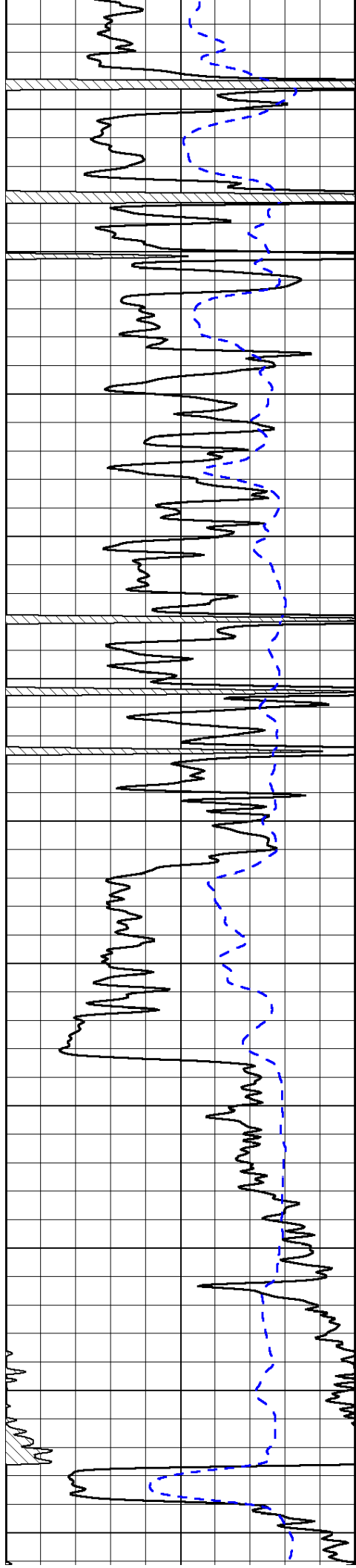
LSPD
0
0

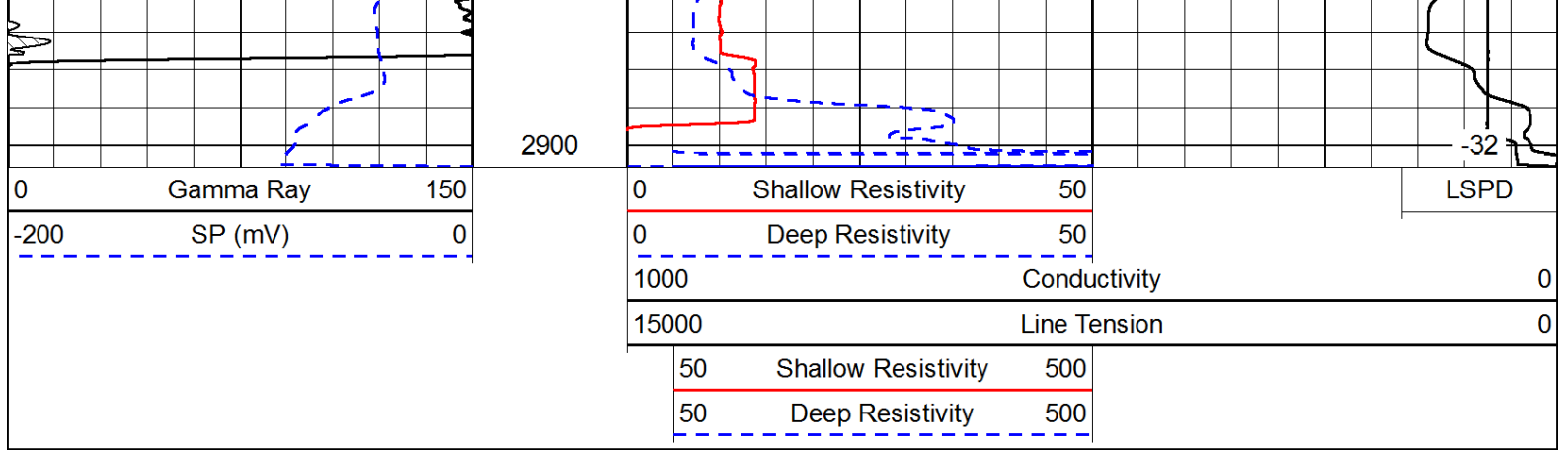




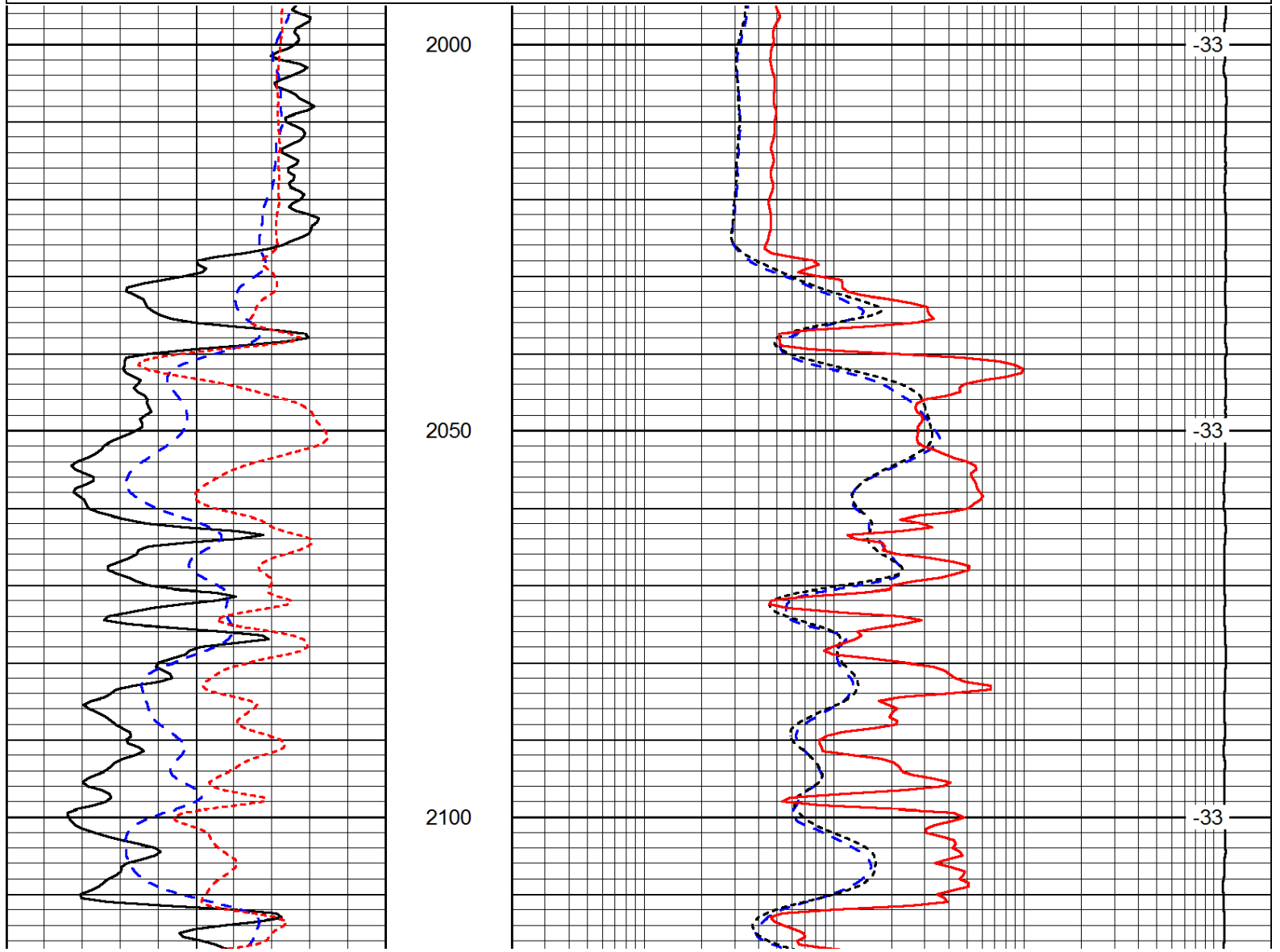
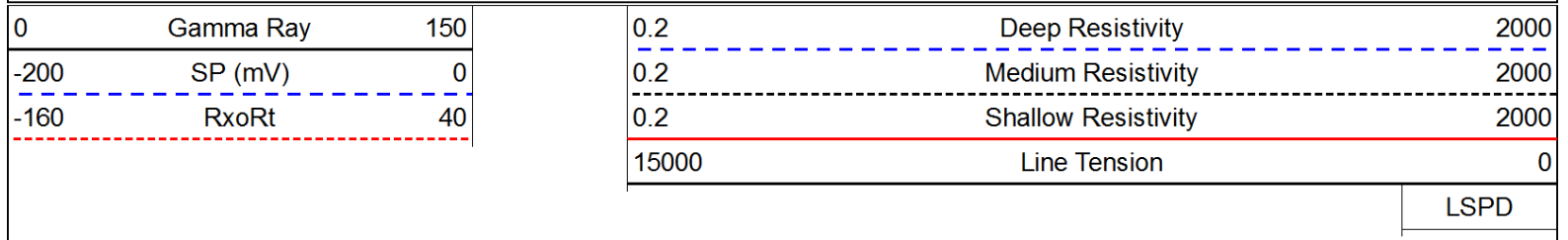


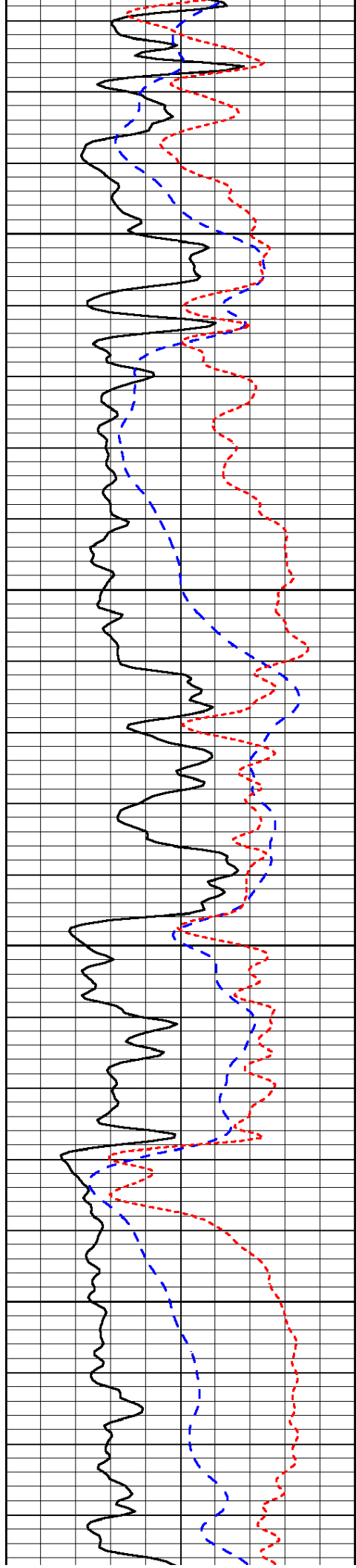






Database File: c:\warrior\data\c&j production_buzenitz # 1\c&j_buzenitz_1hd.db
 Dataset Pathname: dil/cjstck
 Presentation Format: dil
 Dataset Creation: Wed Sep 17 00:18:50 2014
 Charted by: Depth in Feet scaled 1:240



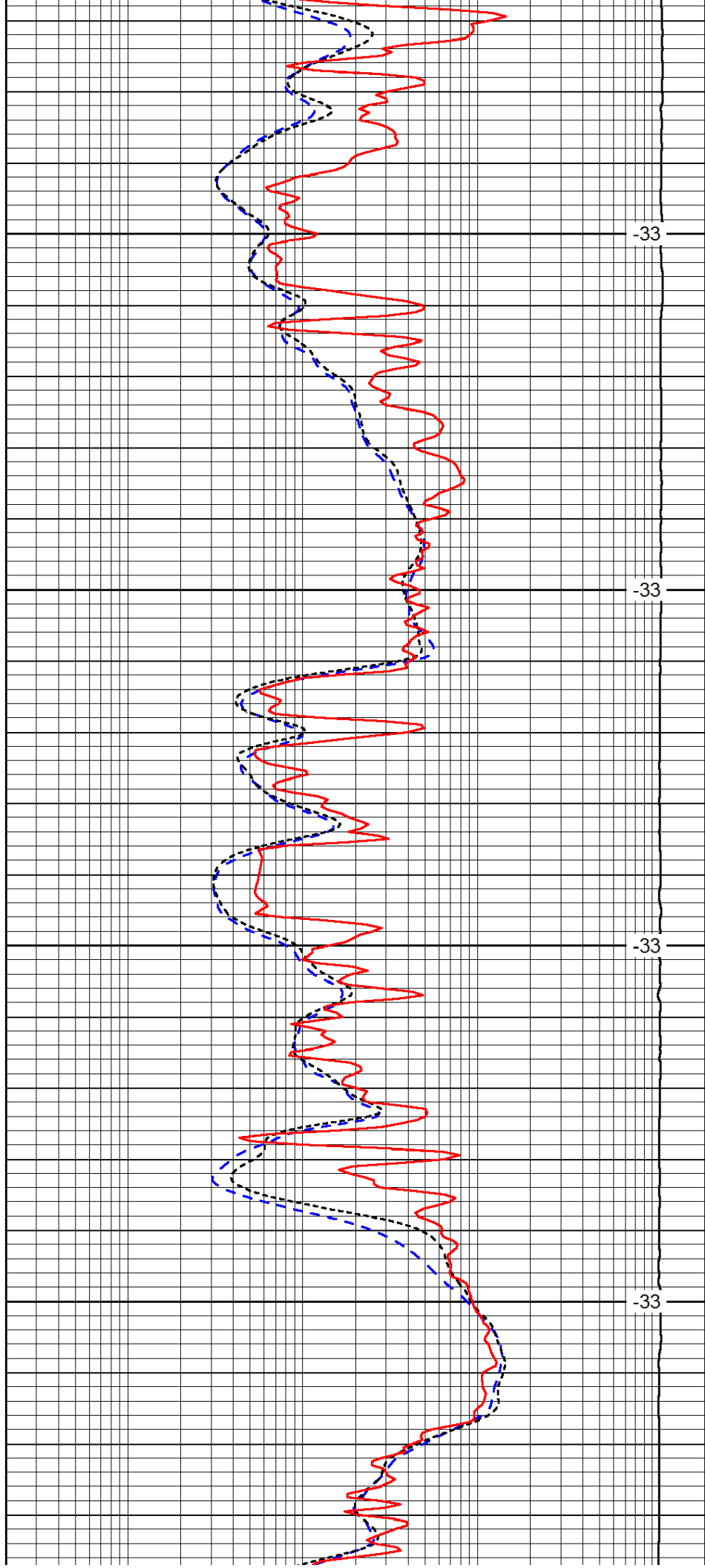


2150

2200

2250

2300

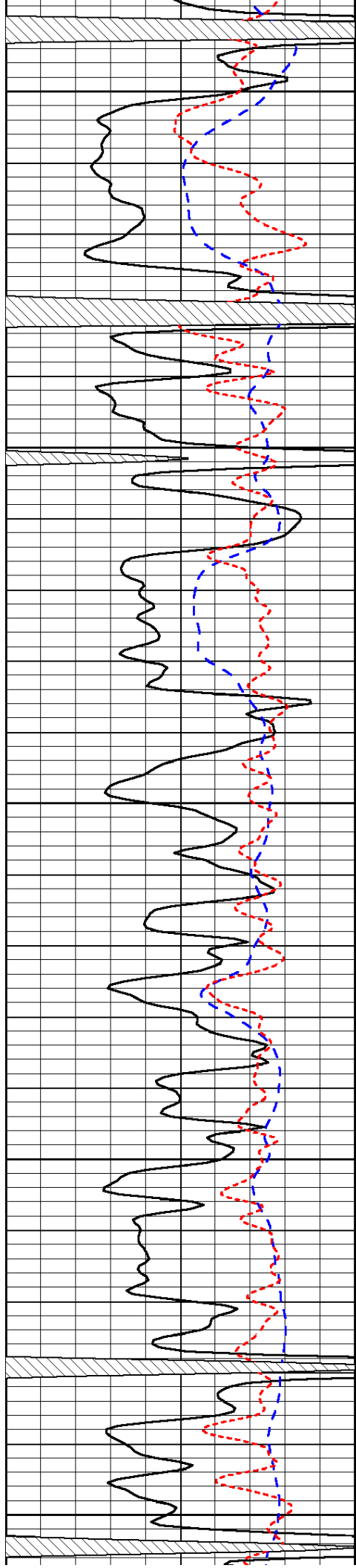


-33

-33

-33

-33



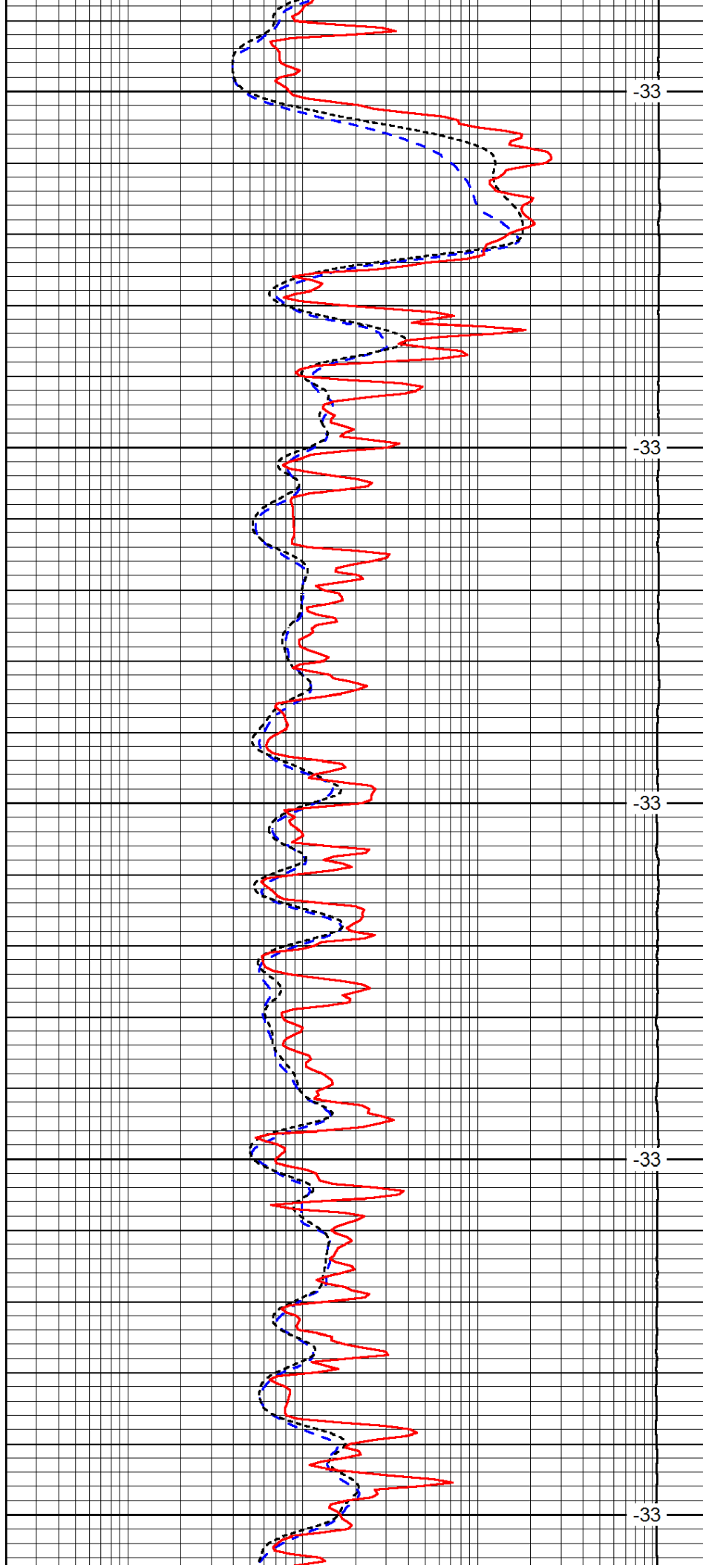
2350

2400

2450

2500

2550



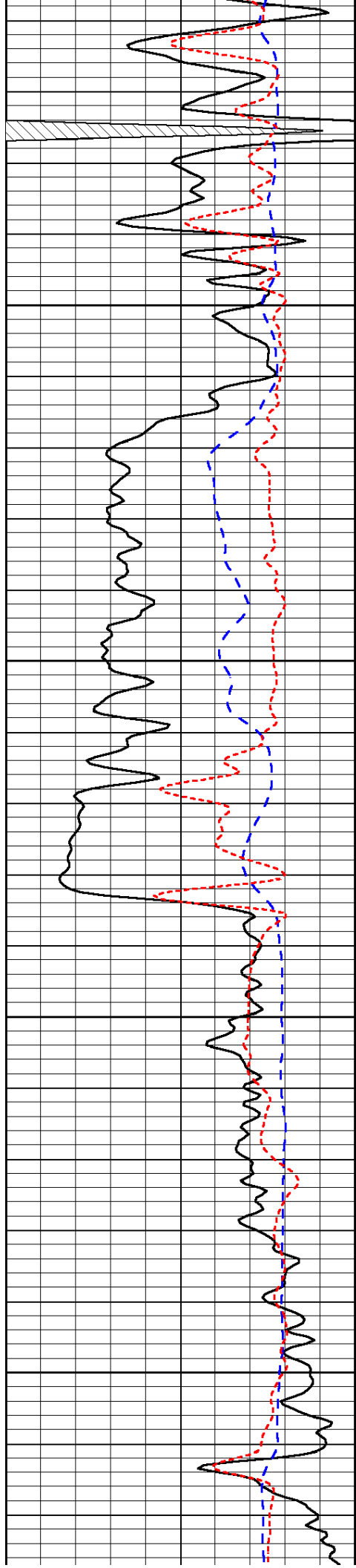
-33

-33

-33

-33

-33

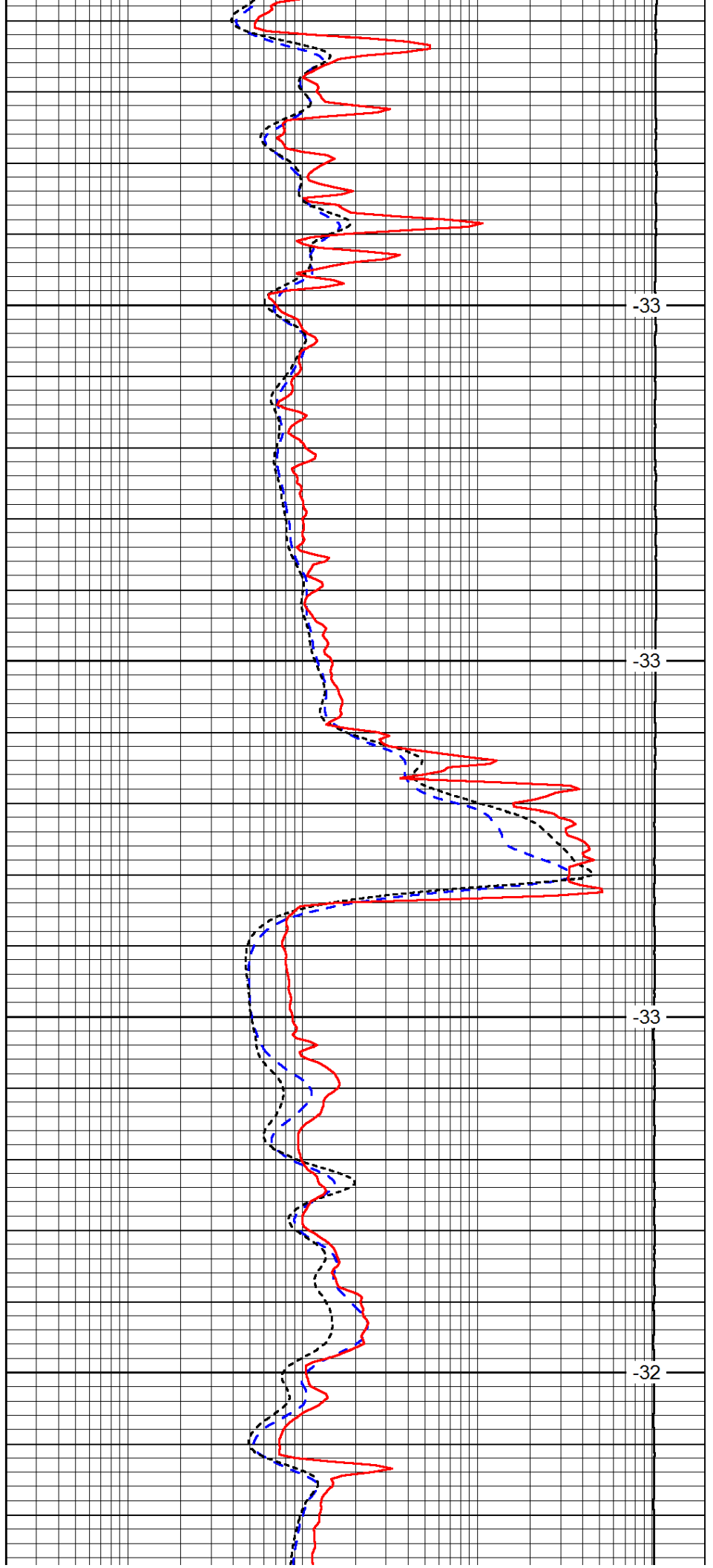


2600

2650

2700

2750

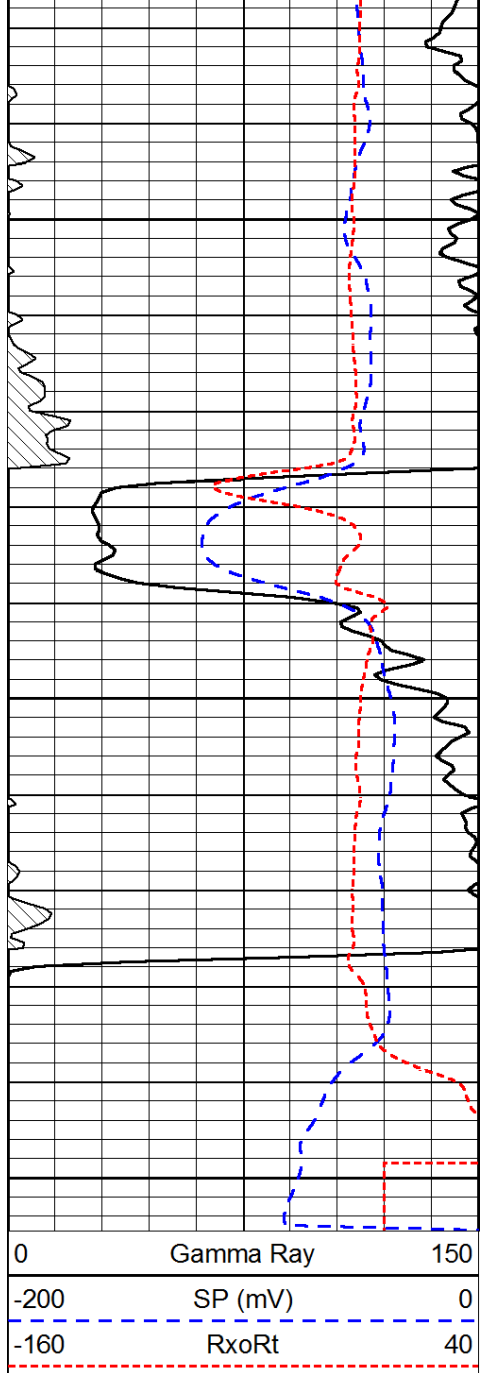


-33

-33

-33

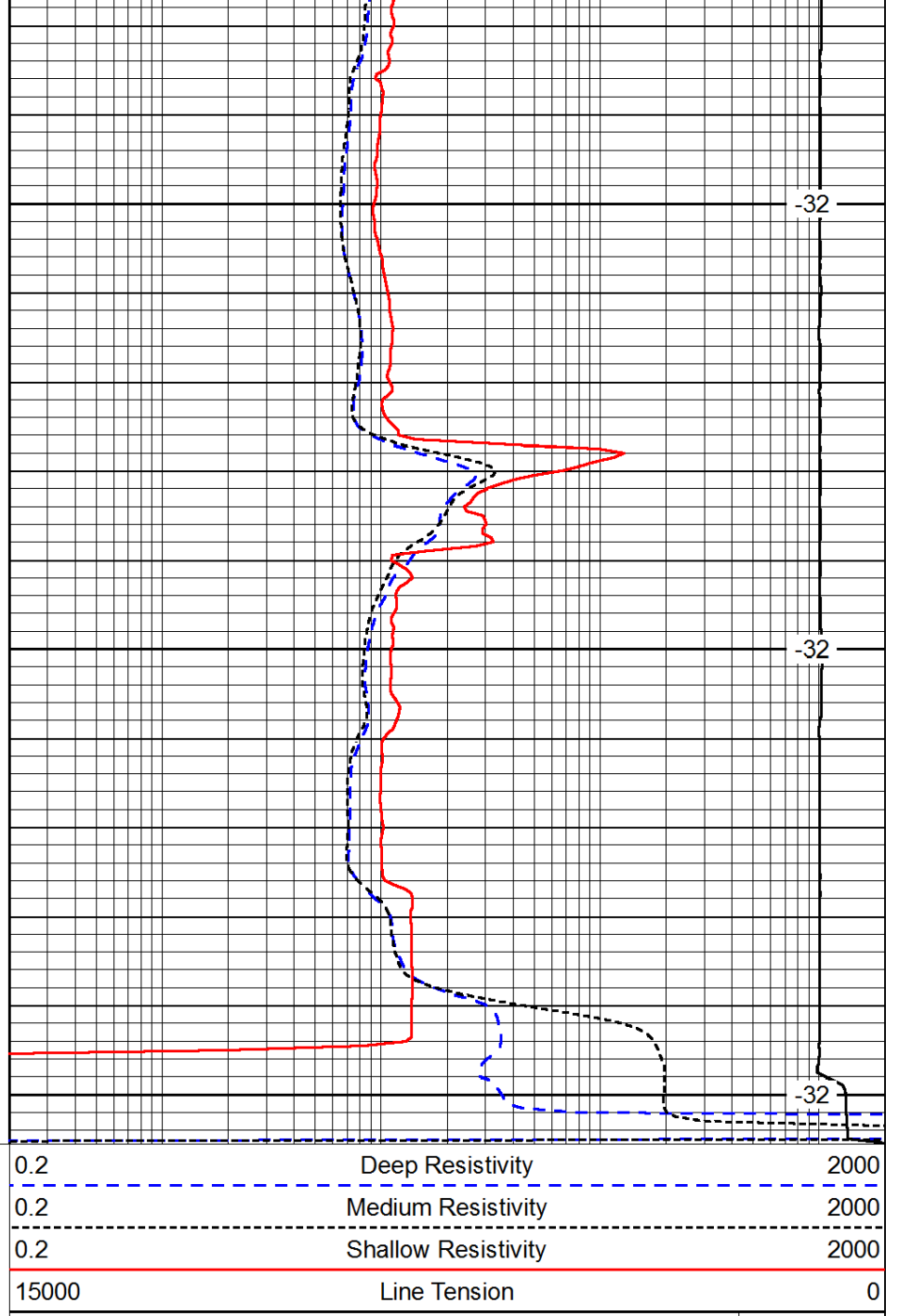
-32



2800

2850

2900



-32

-32

-32

LSPD