



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company TDI, Inc.		
15-051-25,964-00-00	Well Richard No.1		
	Field Dingess		
	County Ellis	State	Kansas
	Location NW/NE NW 330' FNL & 1650' FWL	Other Services CNL/CDL MEL	
	Sec: 10	Twp: 15S	Rge: 18W
Permanent Datum	Ground Level	Elevation 2023	
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 2028 D.F. 2023 G.L. 2023	
Date	5/11/10		
Run Number	One		
Depth Driller	3730		
Depth Logger	3731		
Bottom Logged Interval	3730		
Top Log Interval	200		
Casing Driller	8.625 @ 221		
Casing Logger	214		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	10,000		
Density / Viscosity	9.3 60		
pH / Fluid Loss	10.0 12.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	.4 @ 65		
Rmf @ Meas. Temp	.3 @ 65		
Rmc @ Meas. Temp	.54 @ 65		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.23 @ 113		
Operating Rig Time	3 1/2 Hours		
Max Rec. Temp. F	113		
Equipment Number	15		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Tom Denning	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

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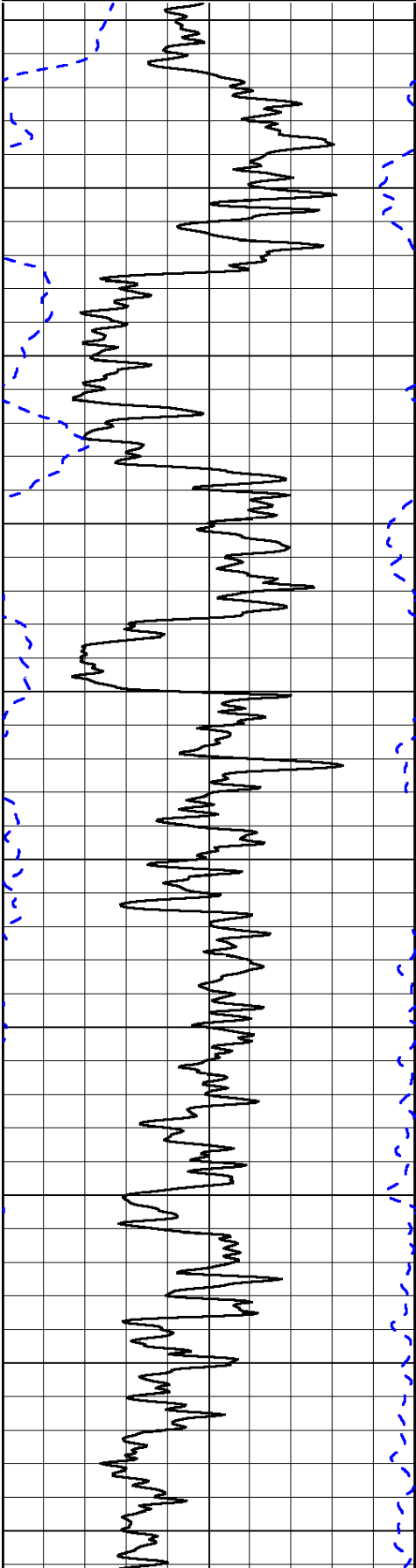
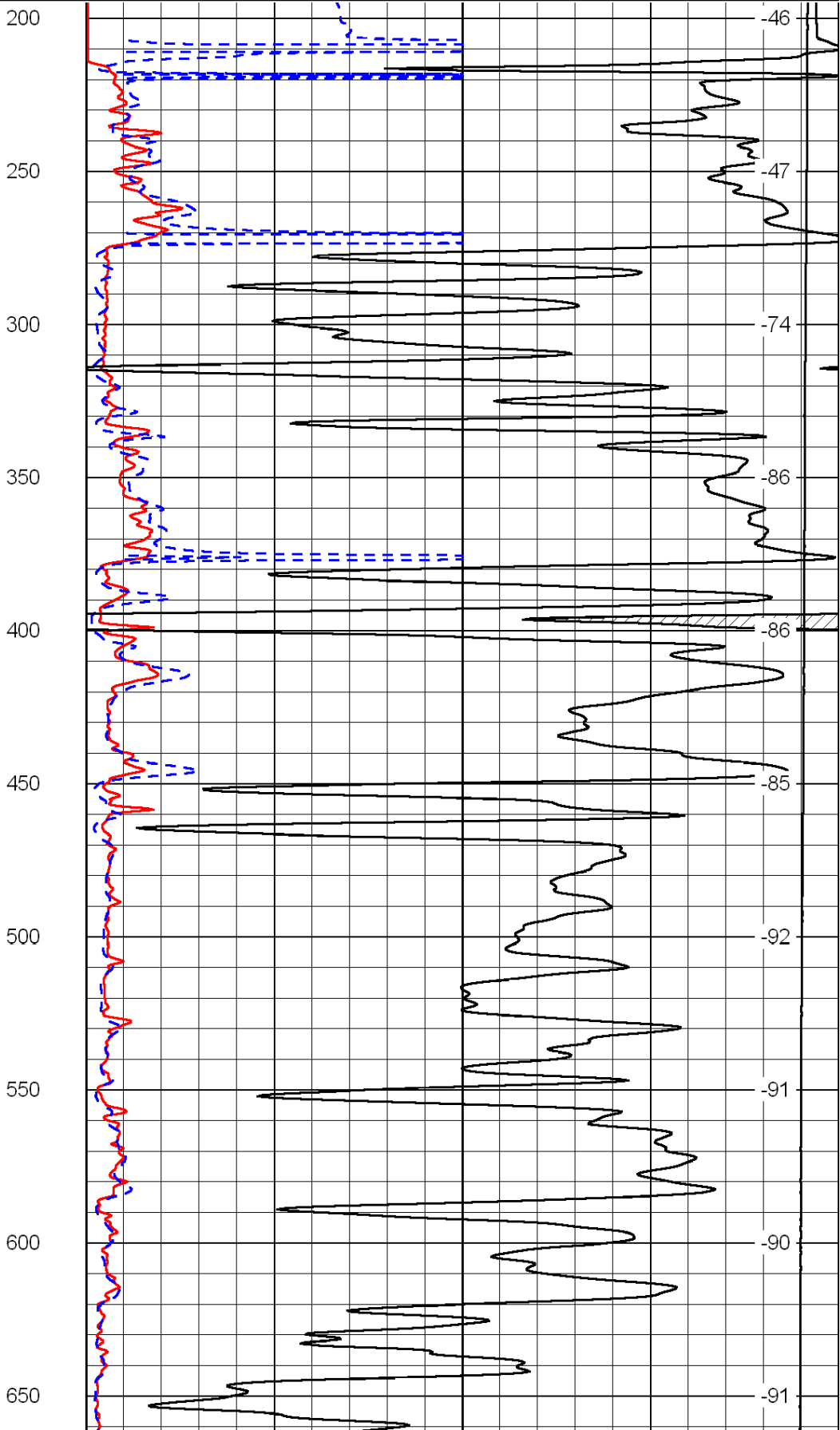
Hays, 183 S to Antonino Rd,
3/8 E, S Into

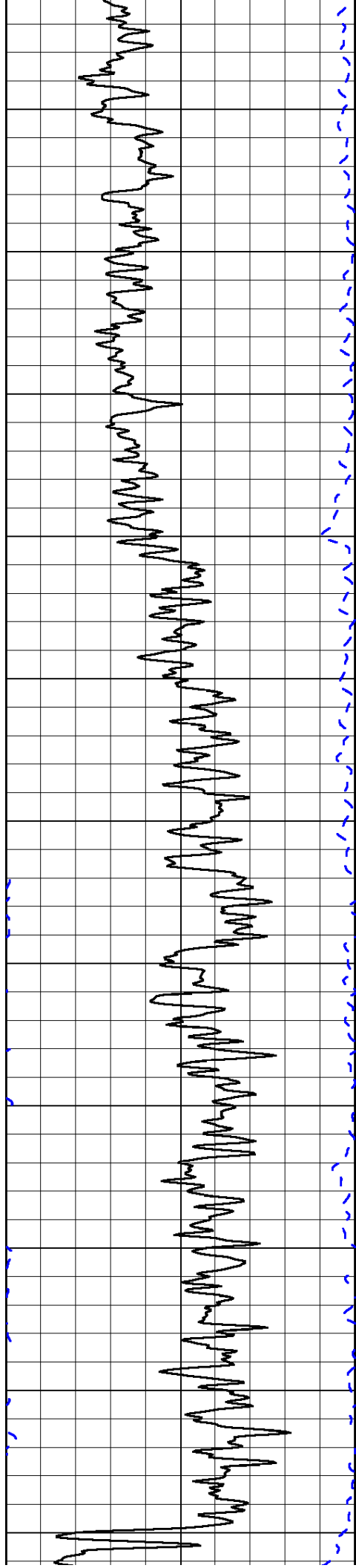
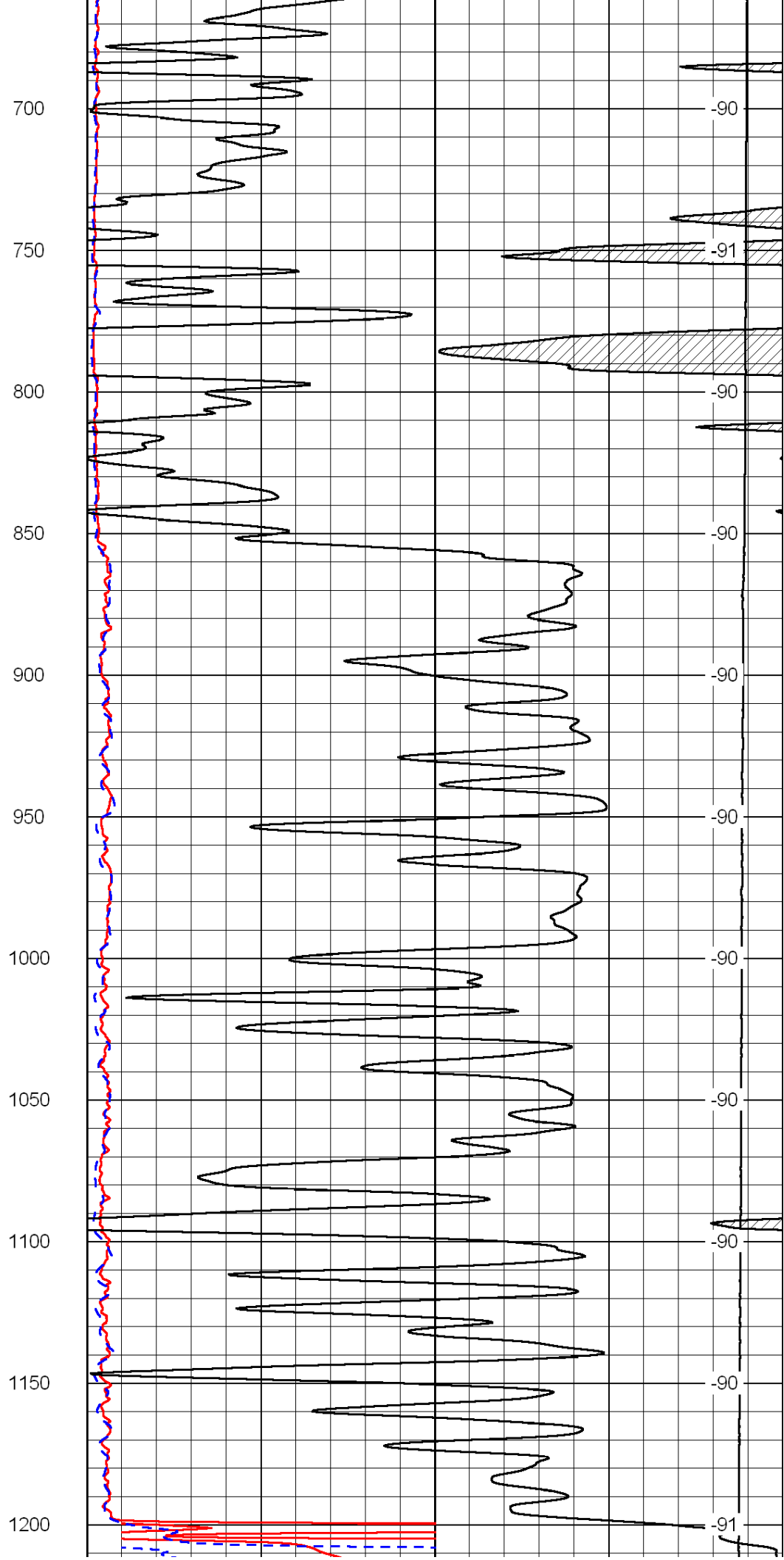
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Charted by: Depth in Feet scaled 1:600

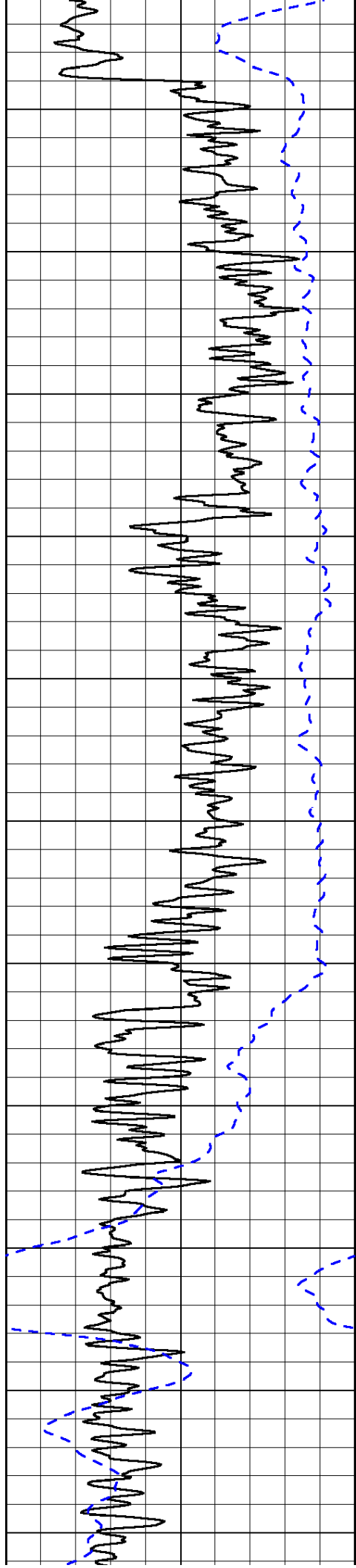
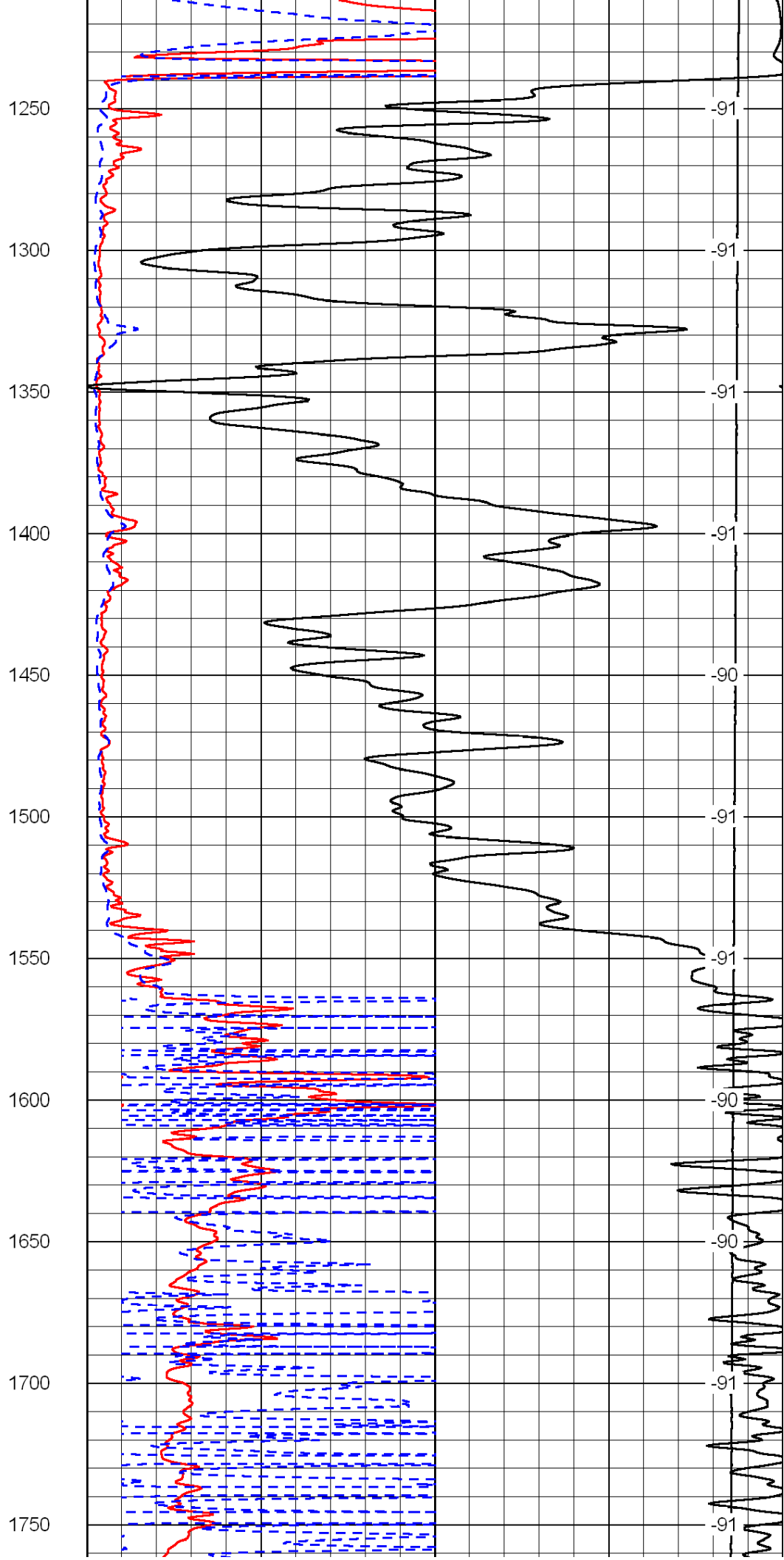
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-200	SP (mV)	0

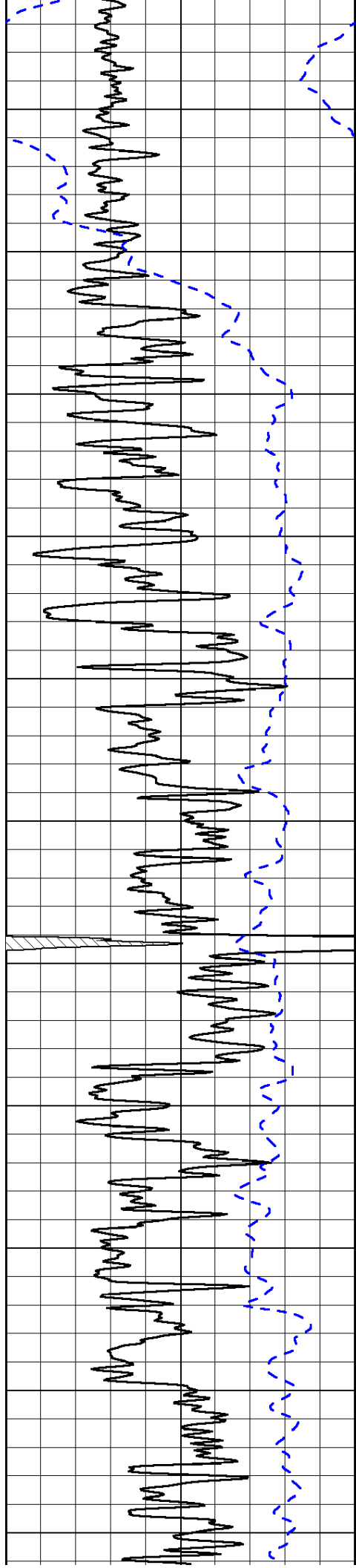
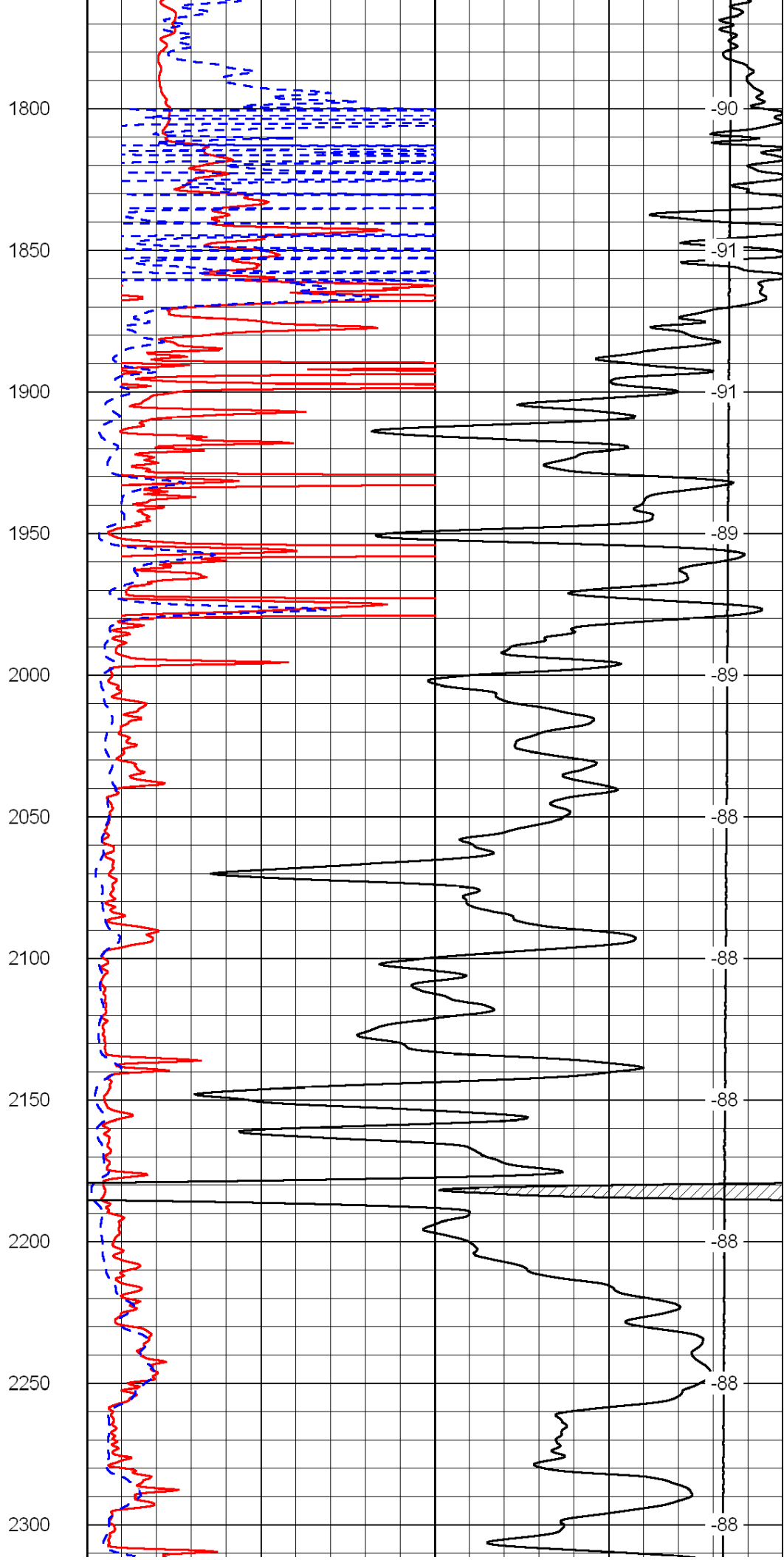
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

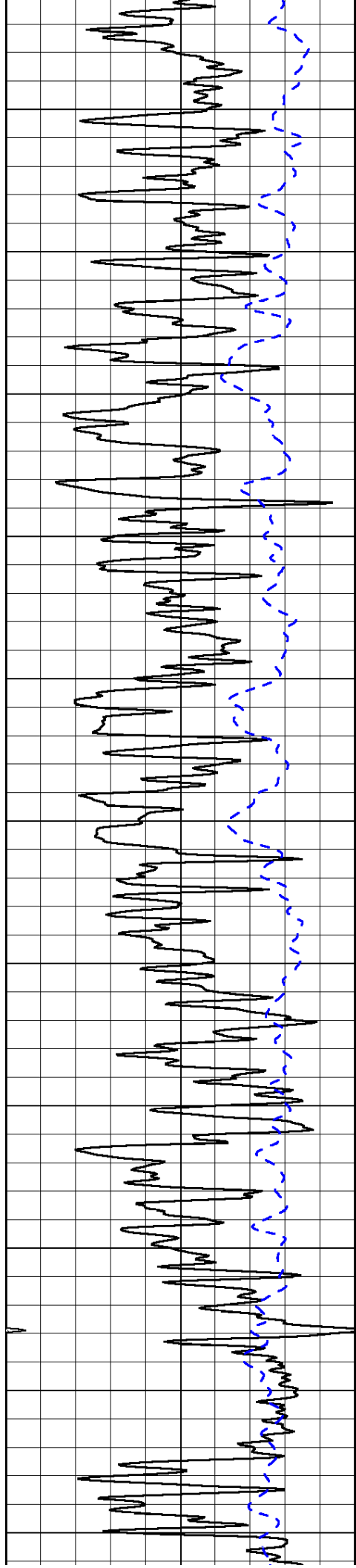
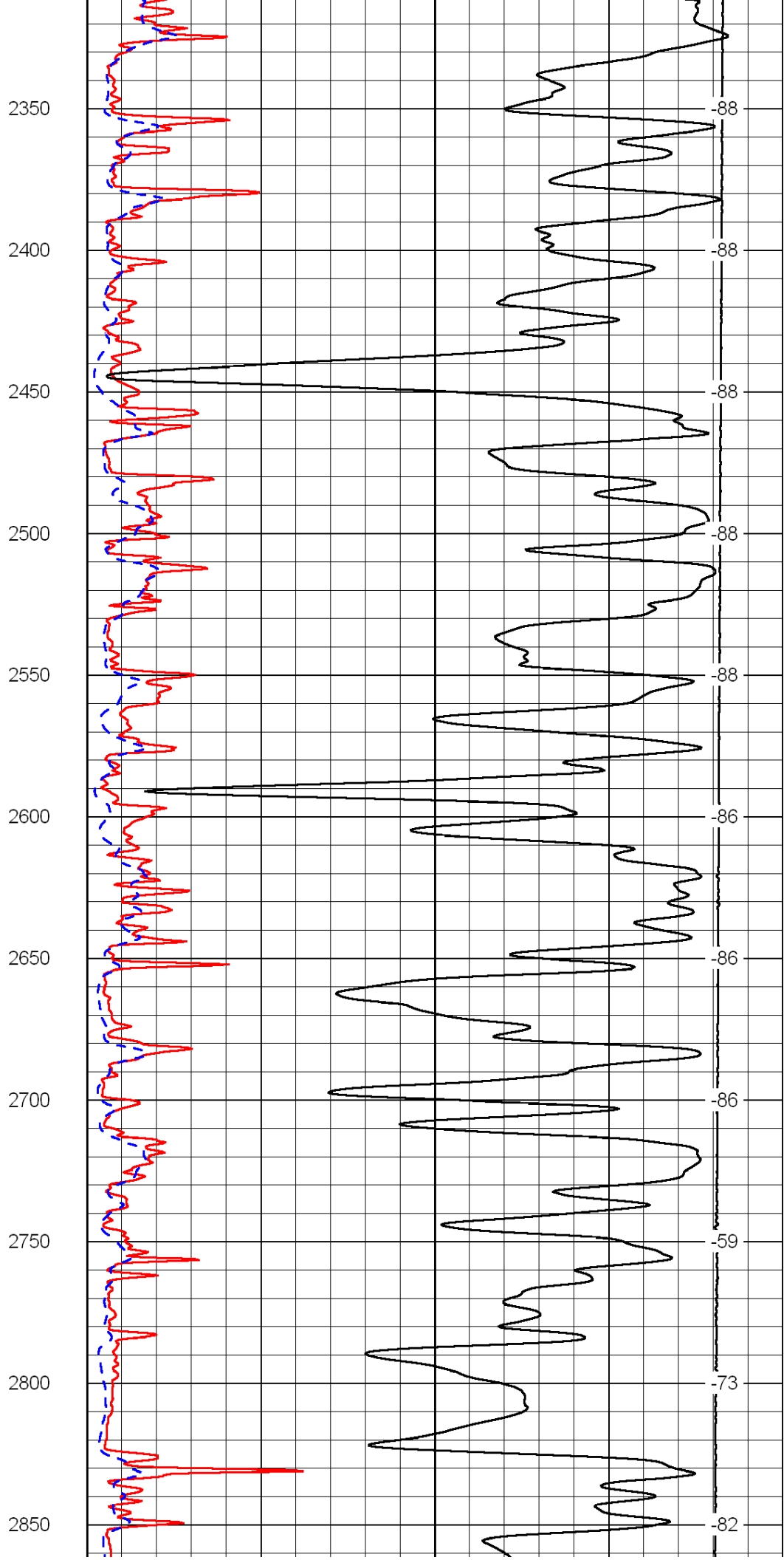
LSPD
0
0

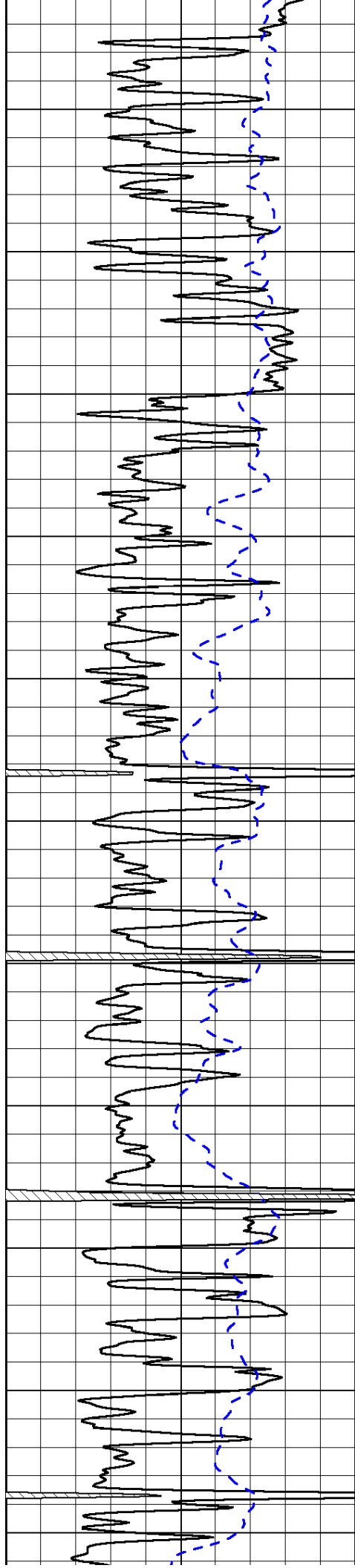
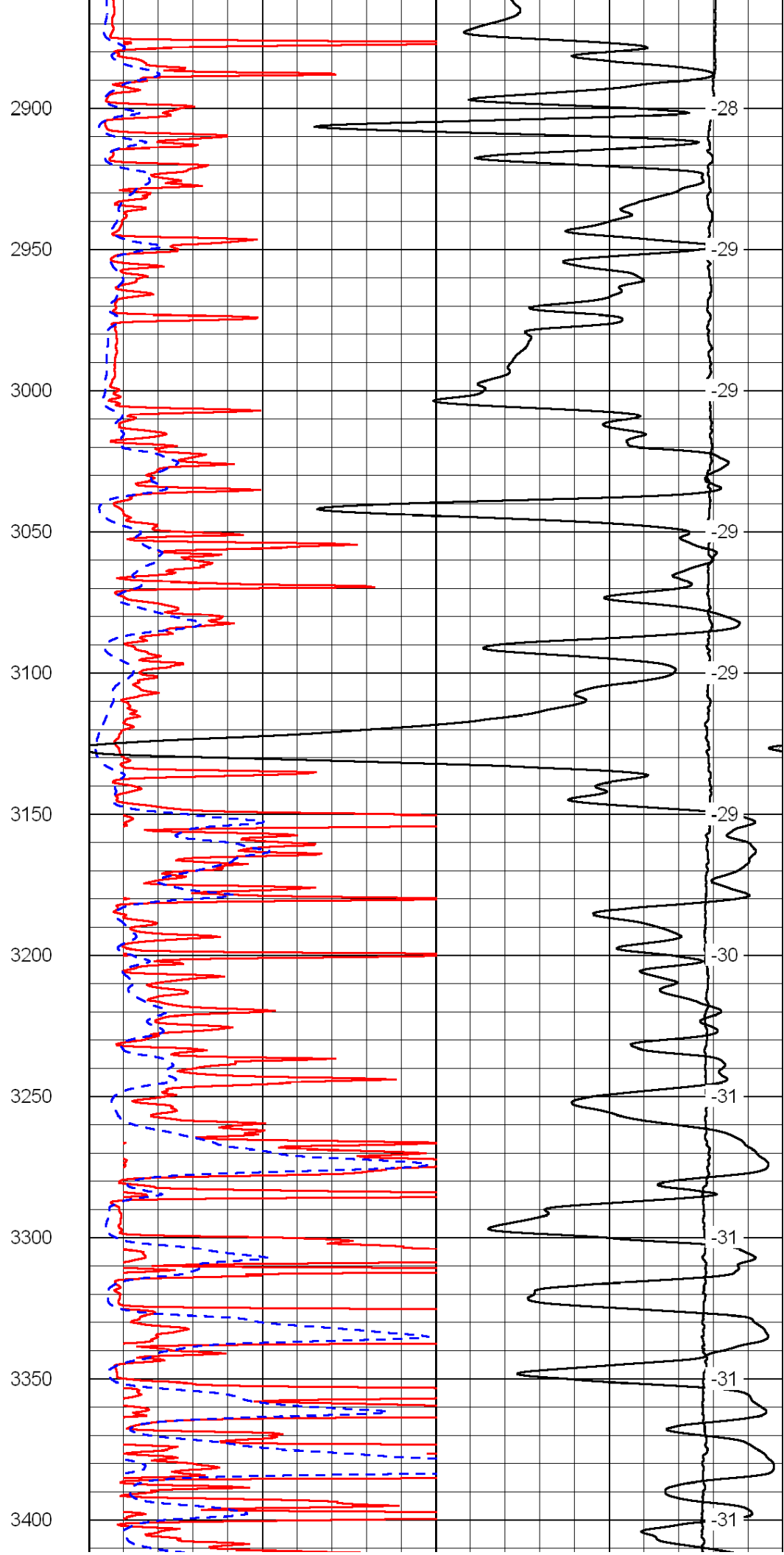


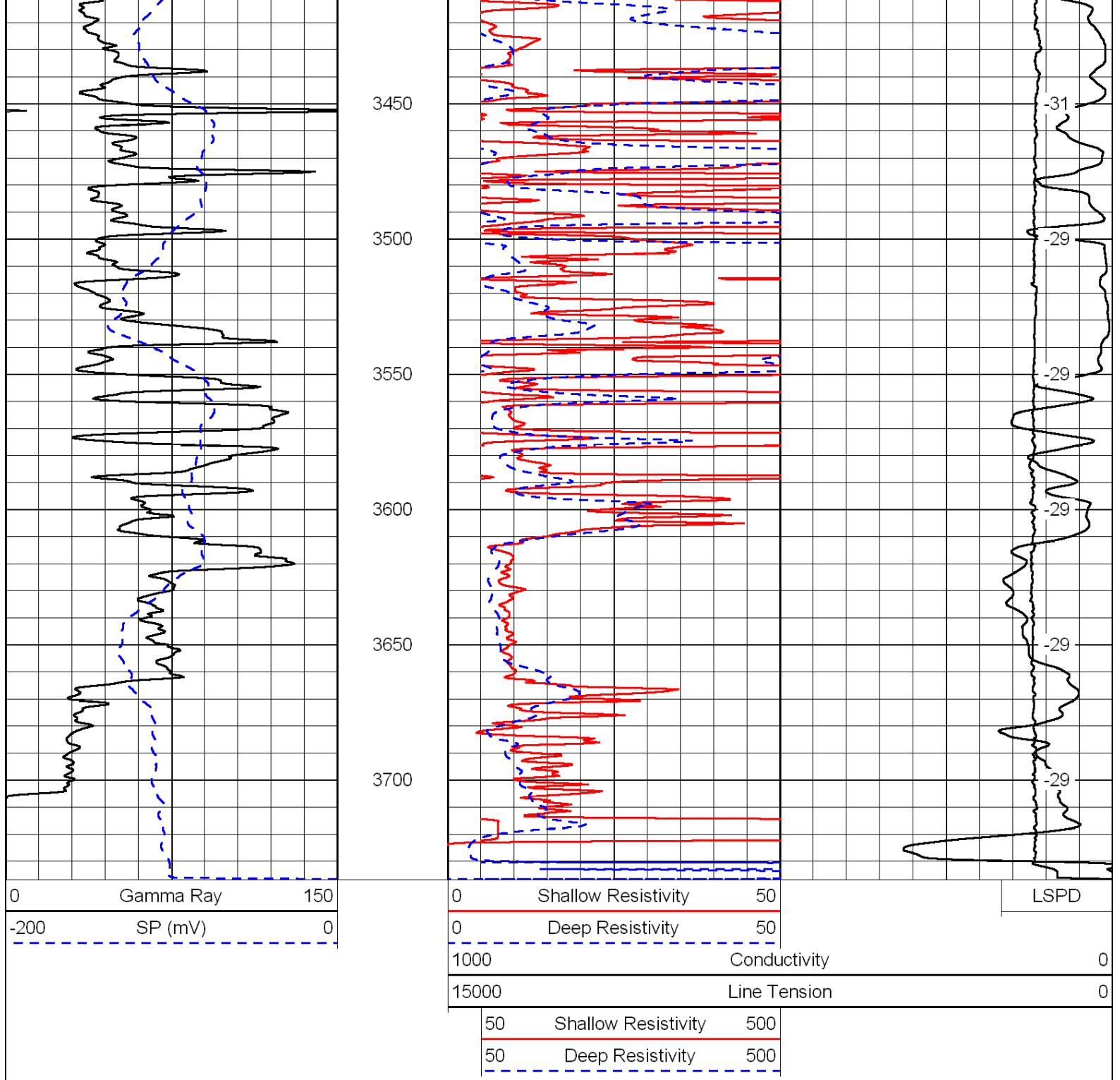




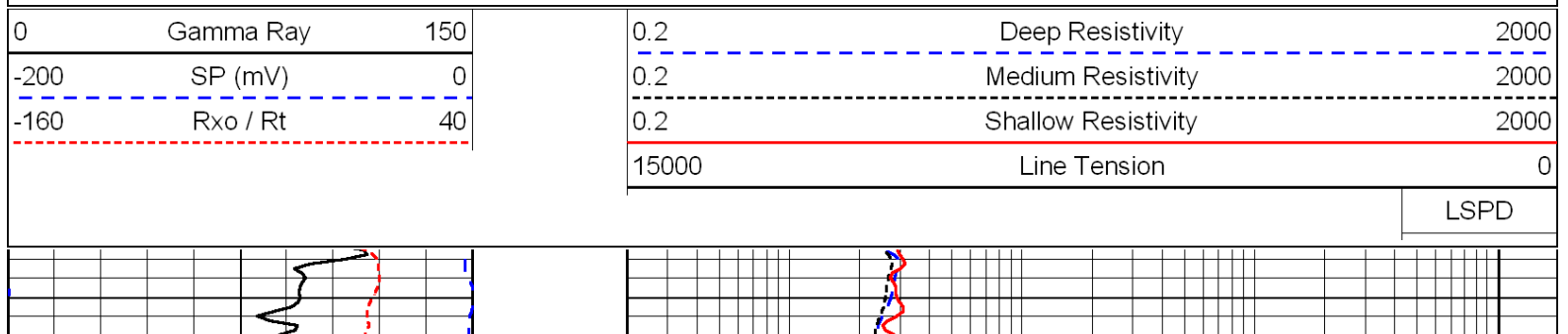


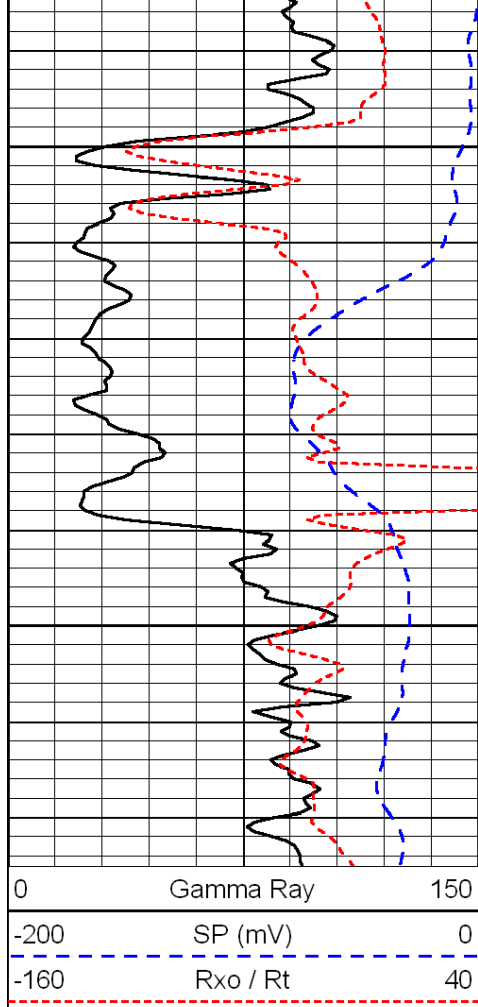






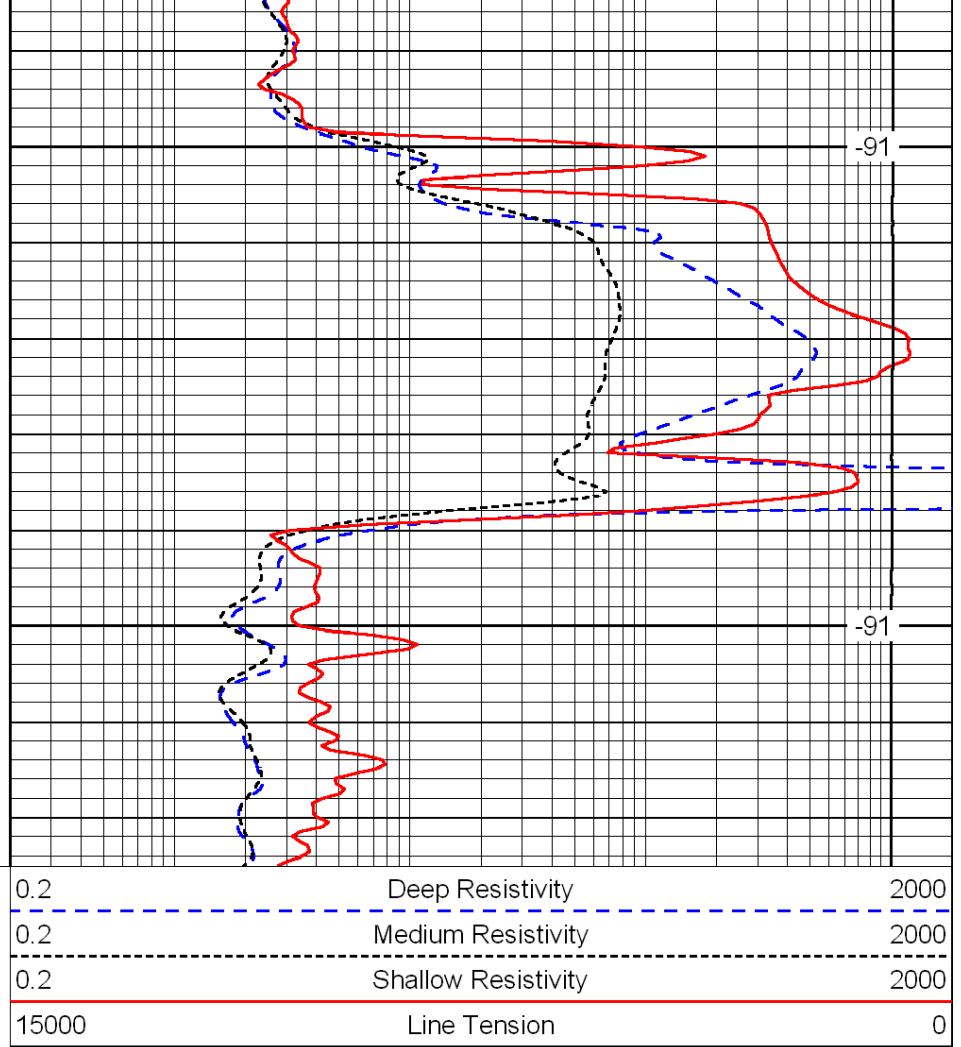
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Presentation Format: dil
Dataset Creation: Tue May 11 11:50:08 2010
Charted by: Depth in Feet scaled 1:240





1200

1250

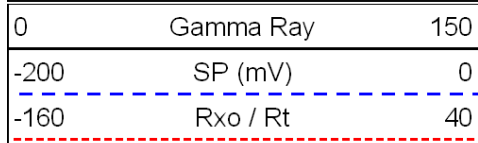


-91

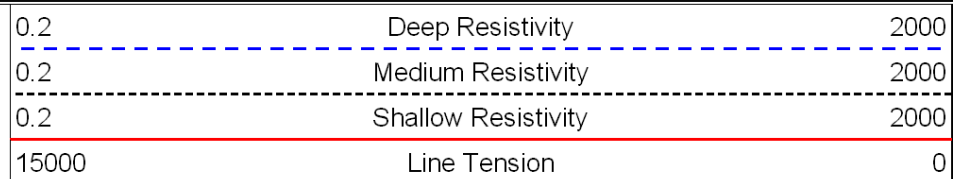
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LSPD

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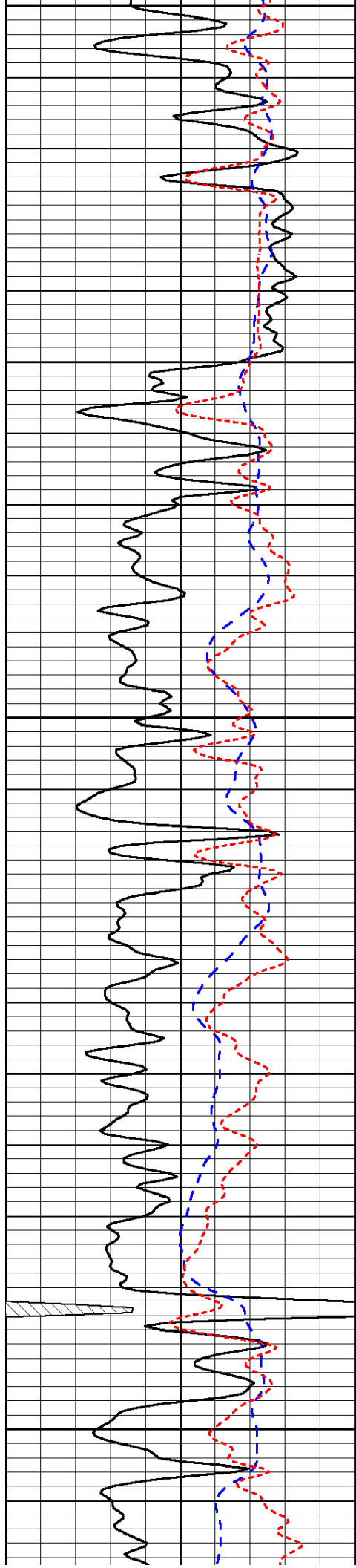


2900



-28

LSPD



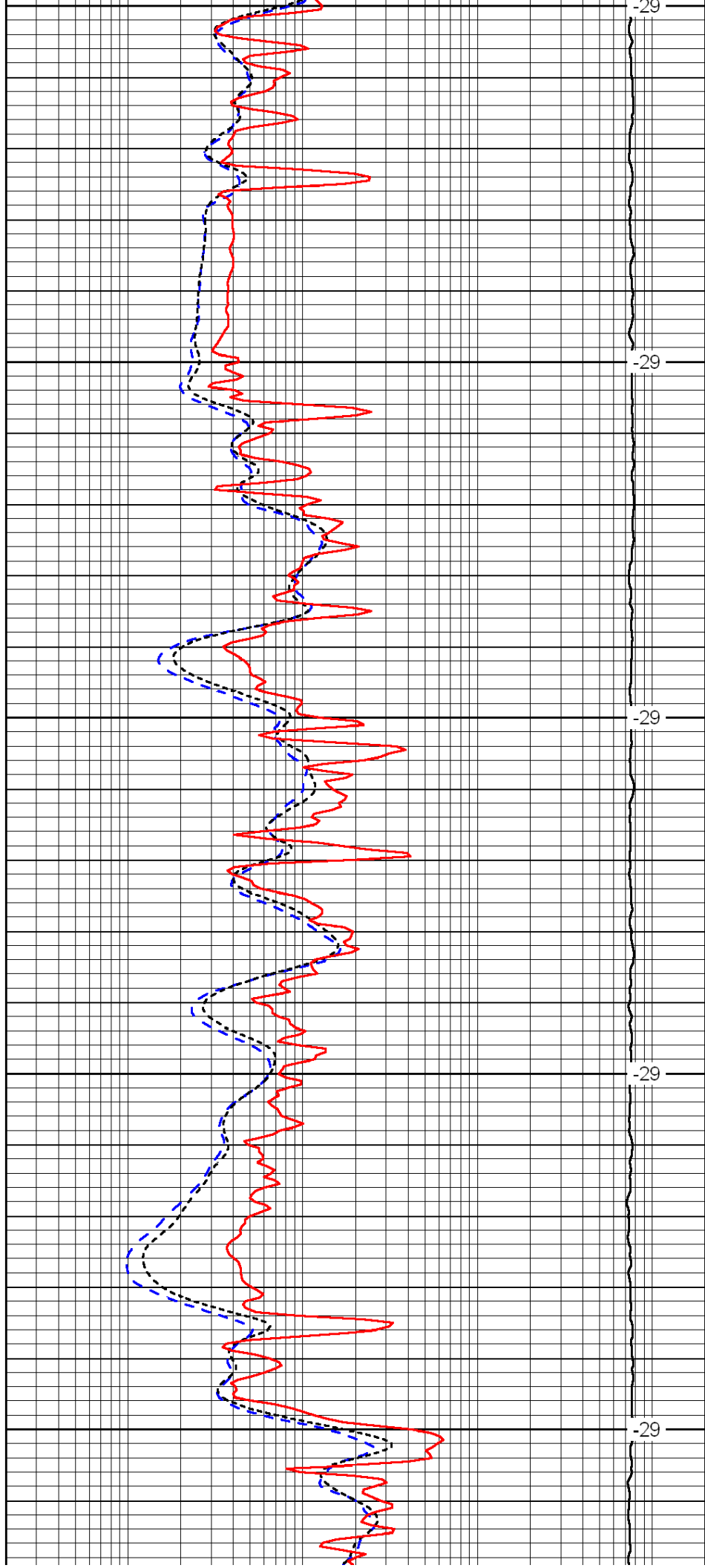
2950

3000

3050

3100

3150



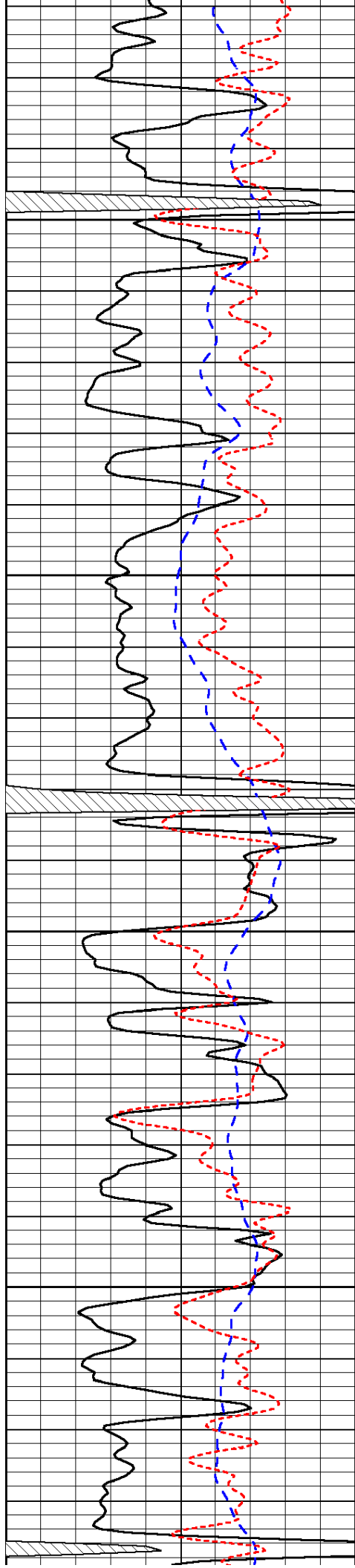
-29

-29

-29

-29

-29

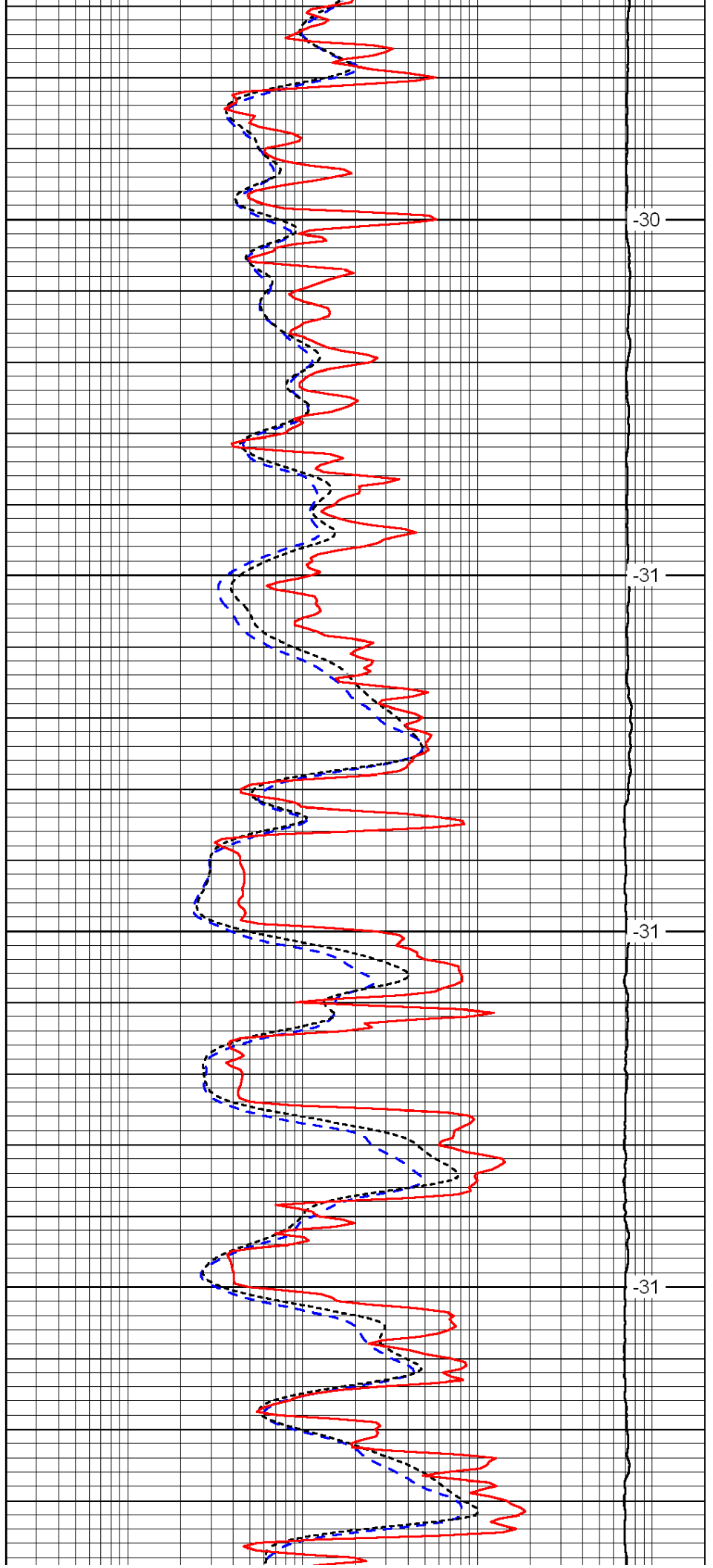


3200

3250

3300

3350

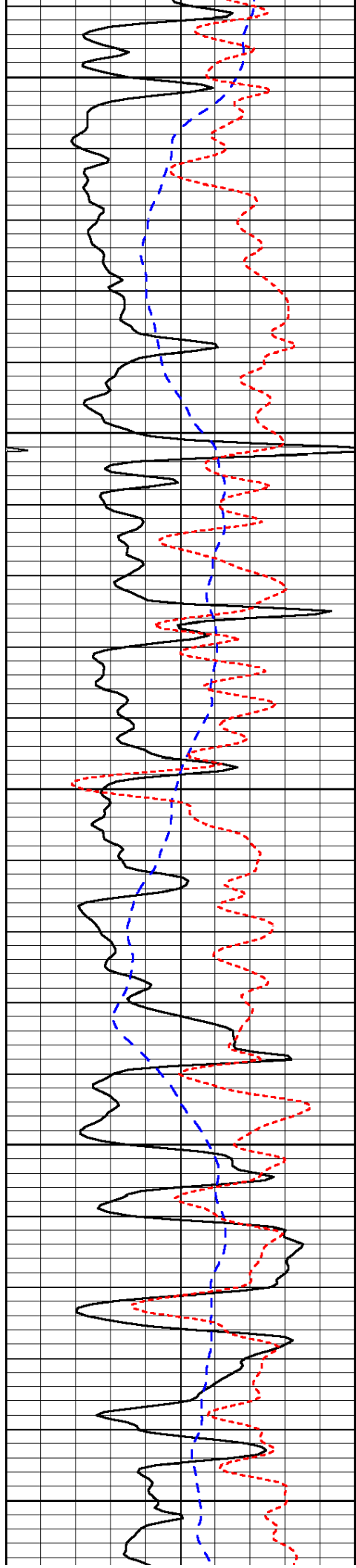


-30

-31

-31

-31



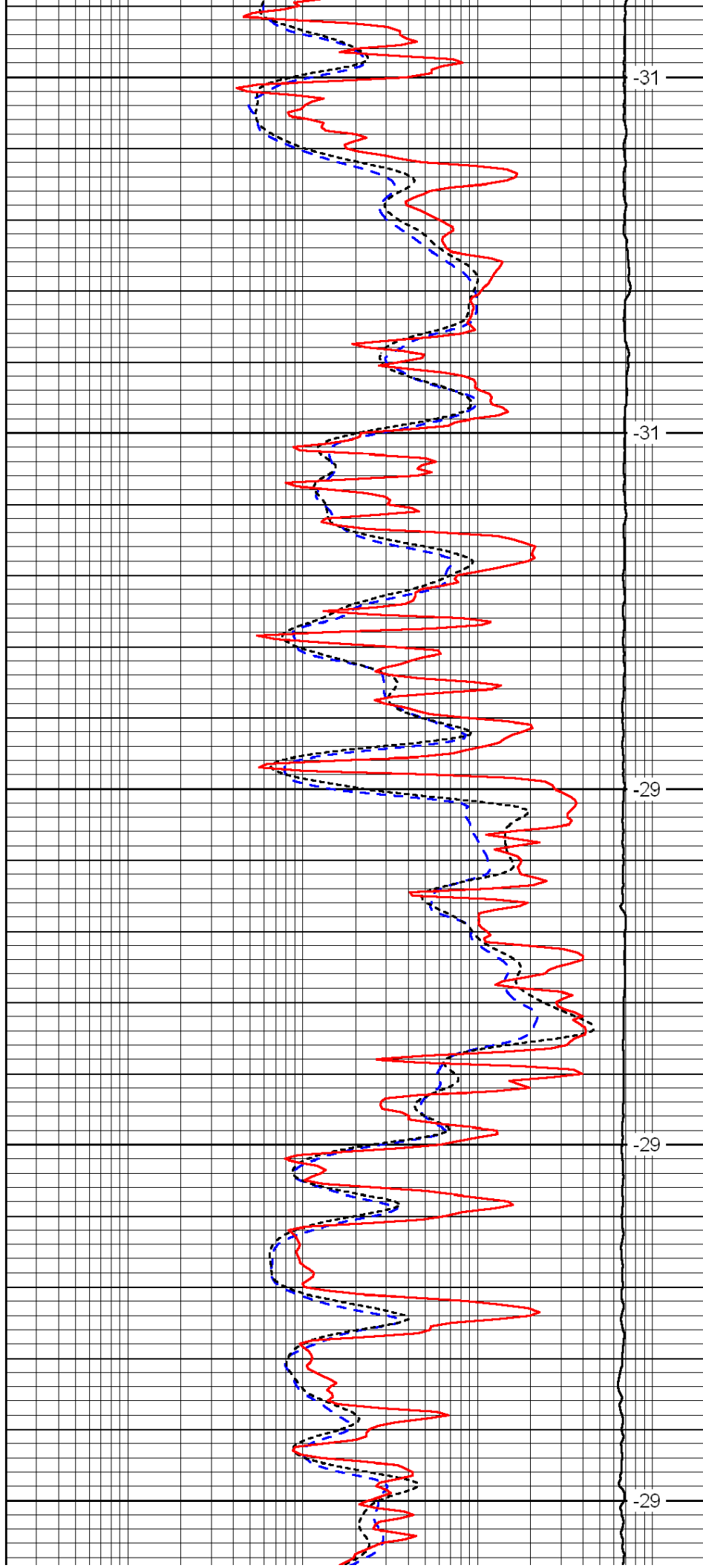
3400

3450

3500

3550

3600



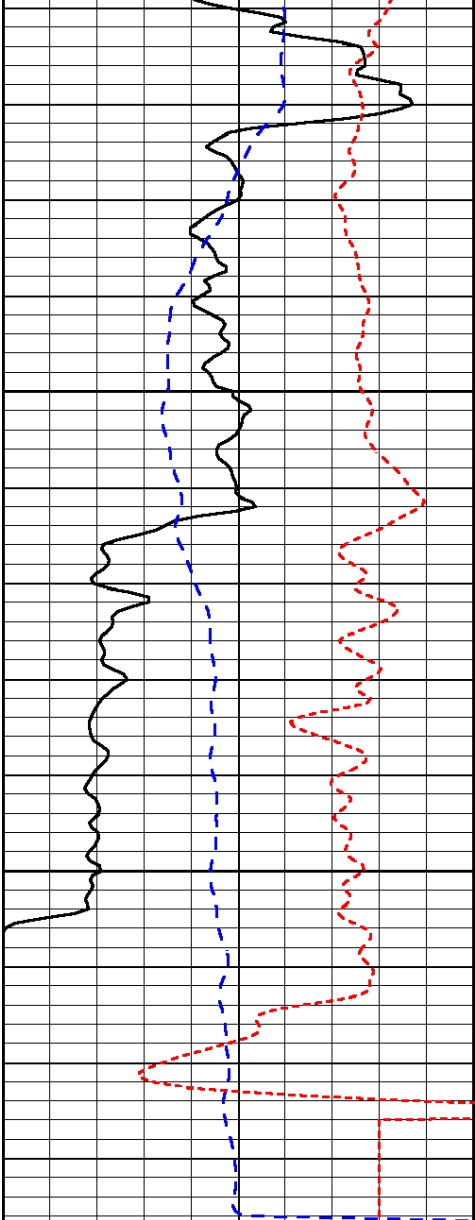
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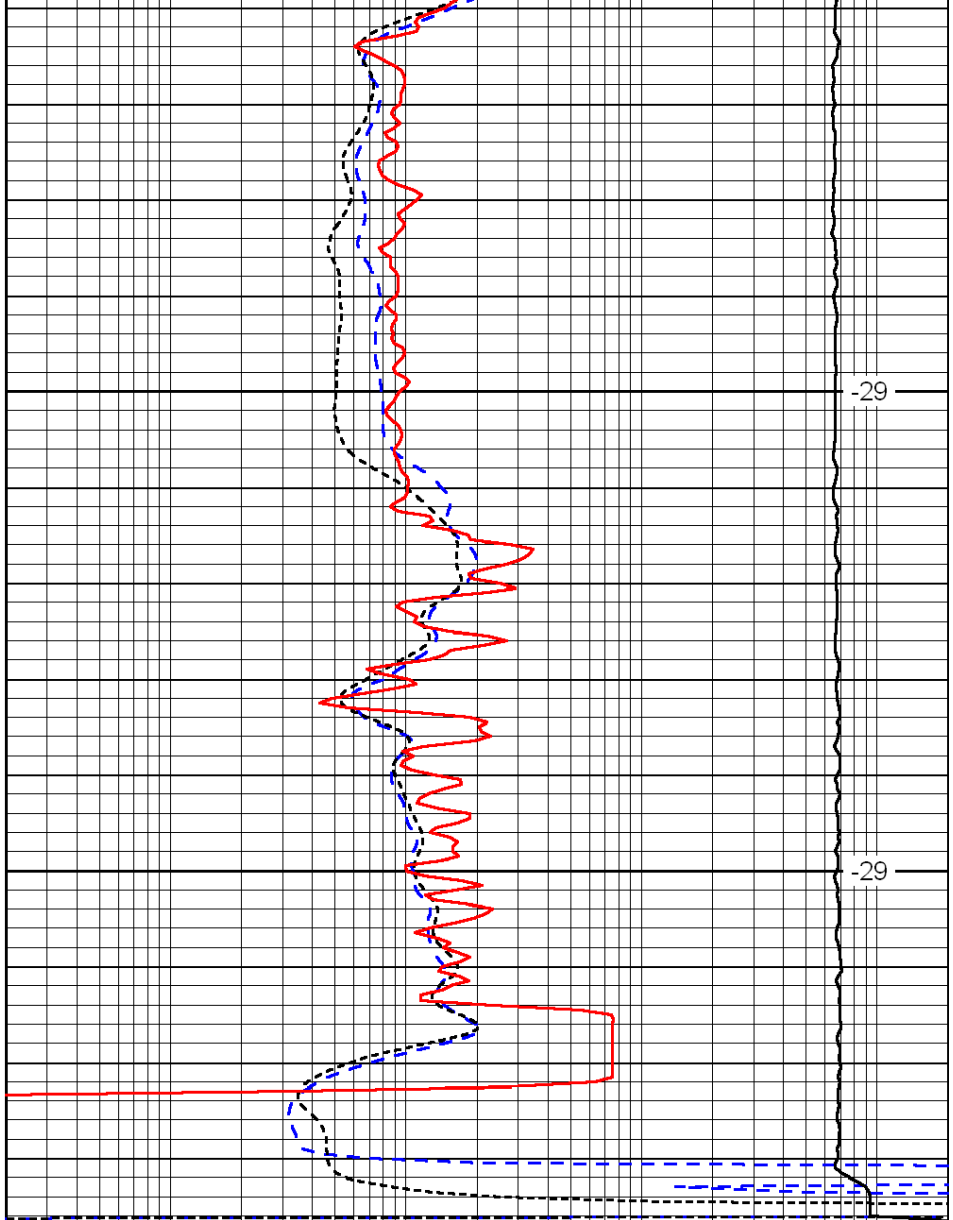
-29

-29

-29



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