



Dual Induction Log

Pioneer Energy Services

API No.	Company Cla-Mar Oil Company				
	Well Hadley No.1				
	Field Bemis-Shutts				
	County Ellis	State Kansas			
15-051-26,374-00-00	Location	NE NE NW SE/4 2430' FSL & 1325' FEL			Other Services CNL/CDL
	Sec: 31	Twp: 11S Rge: 17W			Elevation K.B. 2055 D.F. 2048 G.L. 2048
Permanent Datum	Ground Level	Elevation 2048			
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum			
Drilling Measured From	Kelly Bushing				
Date	9/9/20112				
Run Number	One				
Depth Driller	3660				
Depth Logger	3665				
Bottom Logged Interval	3664				
Top Log Interval	200				
Casing Driller	8.625 @ 211				
Casing Logger	211				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	3,000				
Density / Viscosity	9.3		53		
pH / Fluid Loss	10.0		9.6		
Source of Sample	Flowline				
Rm @ Meas. Temp	.75 @ 69				
Rmf @ Meas. Temp	.56 @ 69				
Rmc @ Meas. Temp	1.01 @ 69				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.46 @ 113				
Operating Rig Time	3 Hours				
Max Rec. Temp. F	113				
Equipment Number	17				
Location	Hays				
Recorded By	C. Desaire				
Witnessed By	Roger Fisher				

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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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Hays KS,
N on 183 to Buckeye Rd, 3 E,
3 N, 1 E, N & W Into

Database File: c:\warrior\data\cla-mar_hadley no.1\clamarhd.db
Dataset Pathname: dil/clamstk
Presentation Format: dil2in
Dataset Creation: Sun Sep 09 12:35:17 2012
Charted by: Depth in Feet scaled 1:600

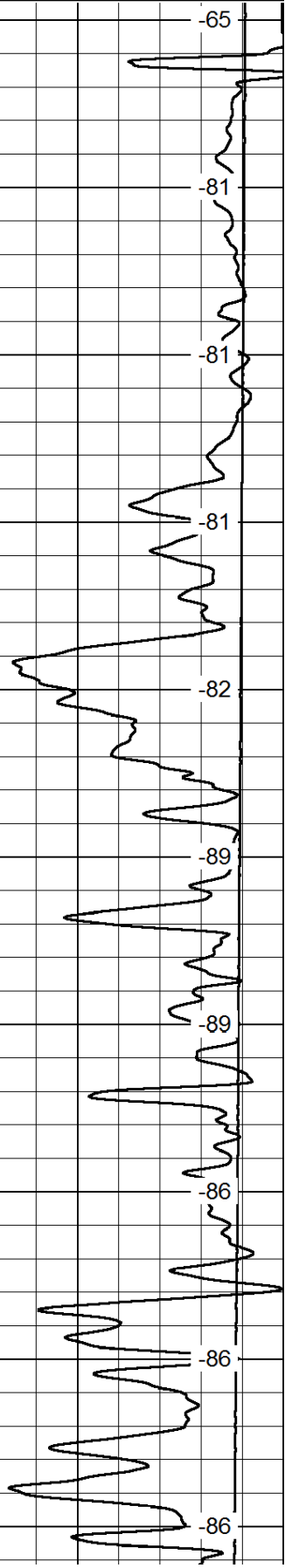
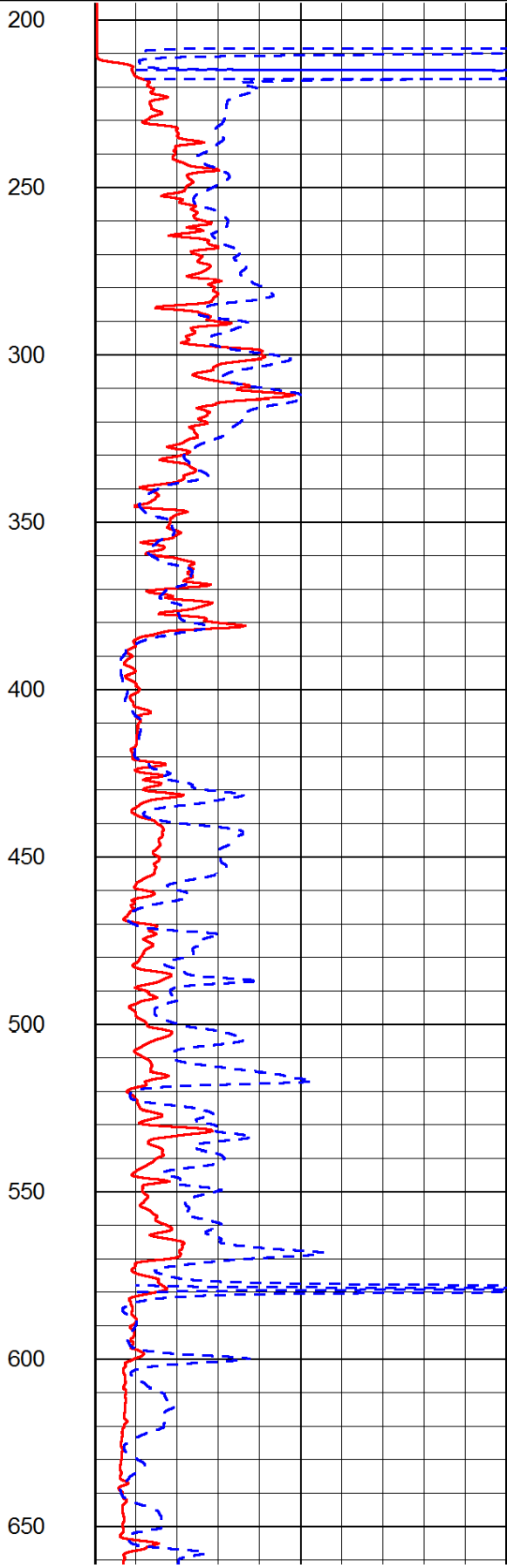
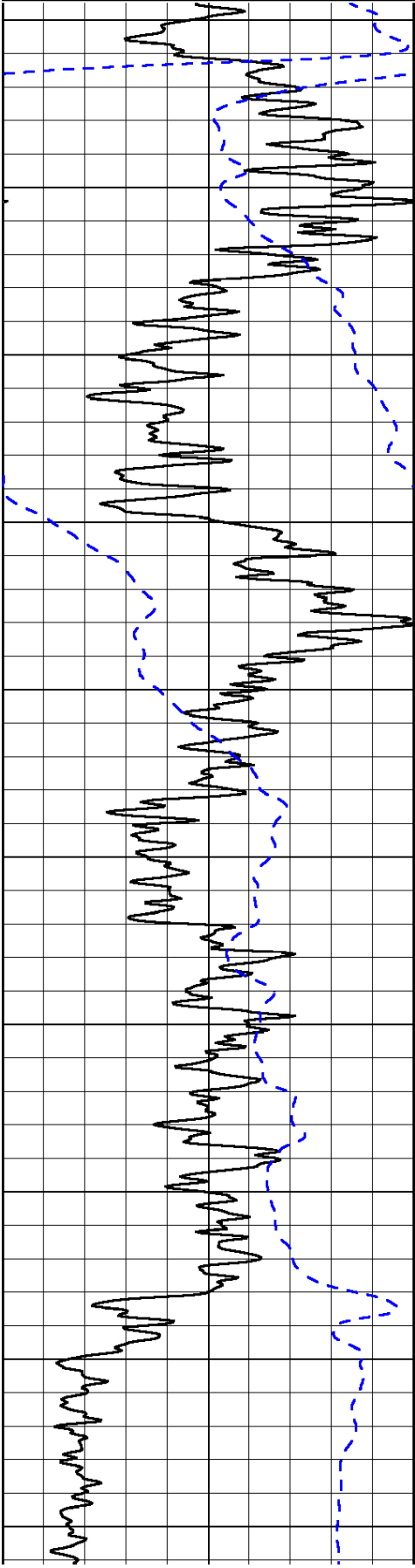
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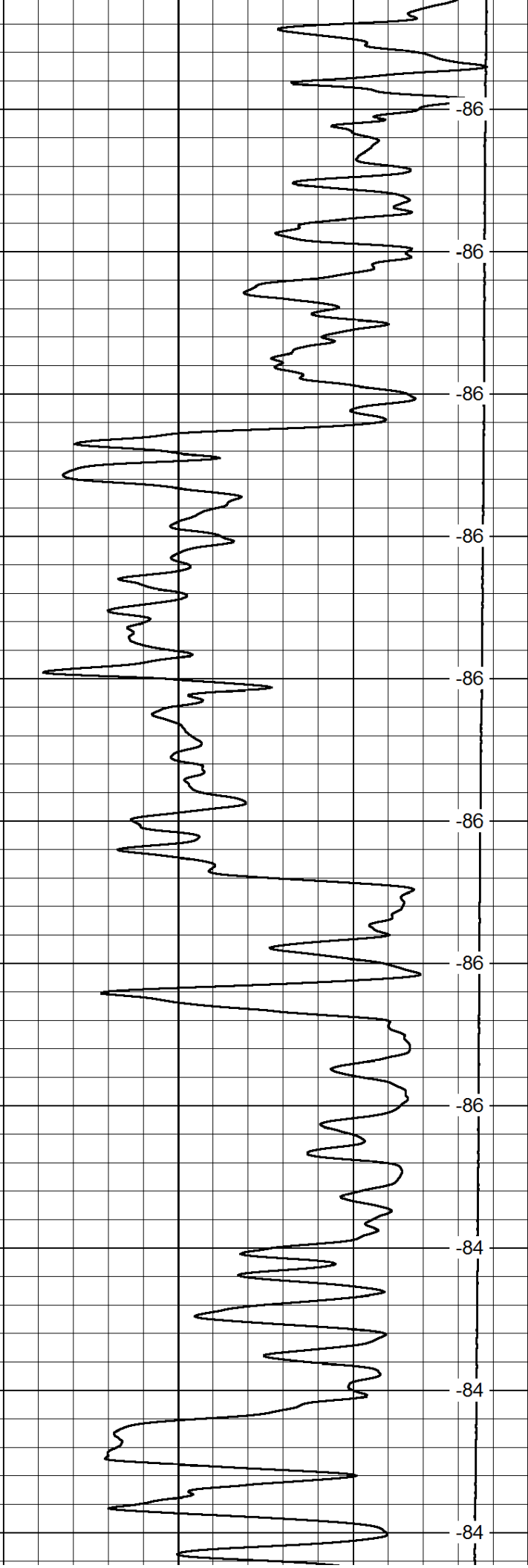
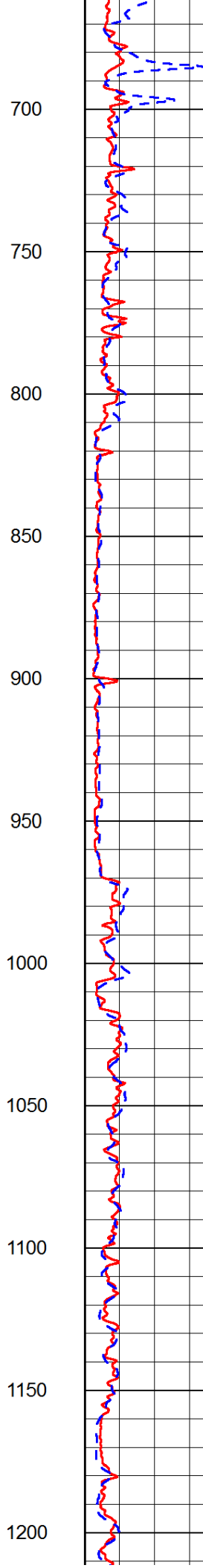
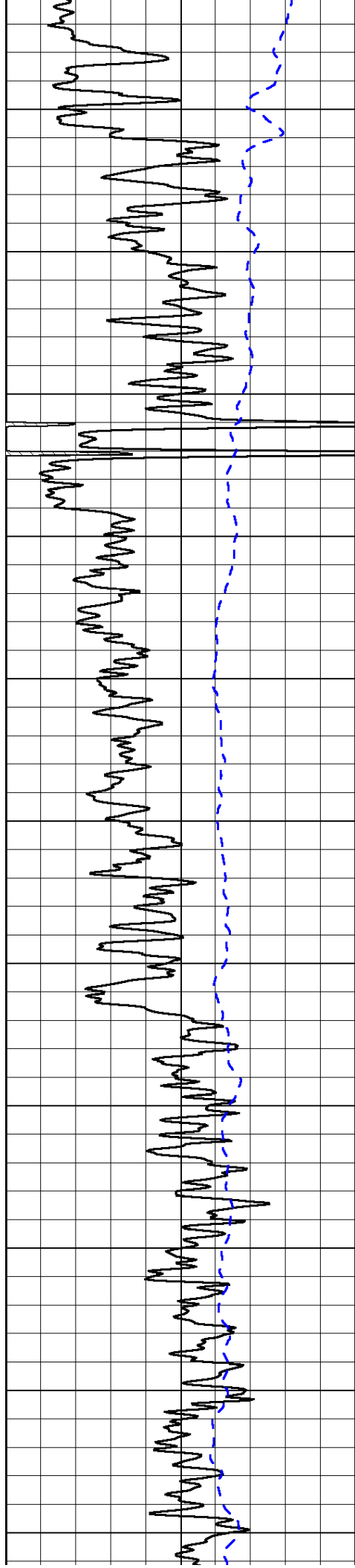
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-200	SP (mV)	0

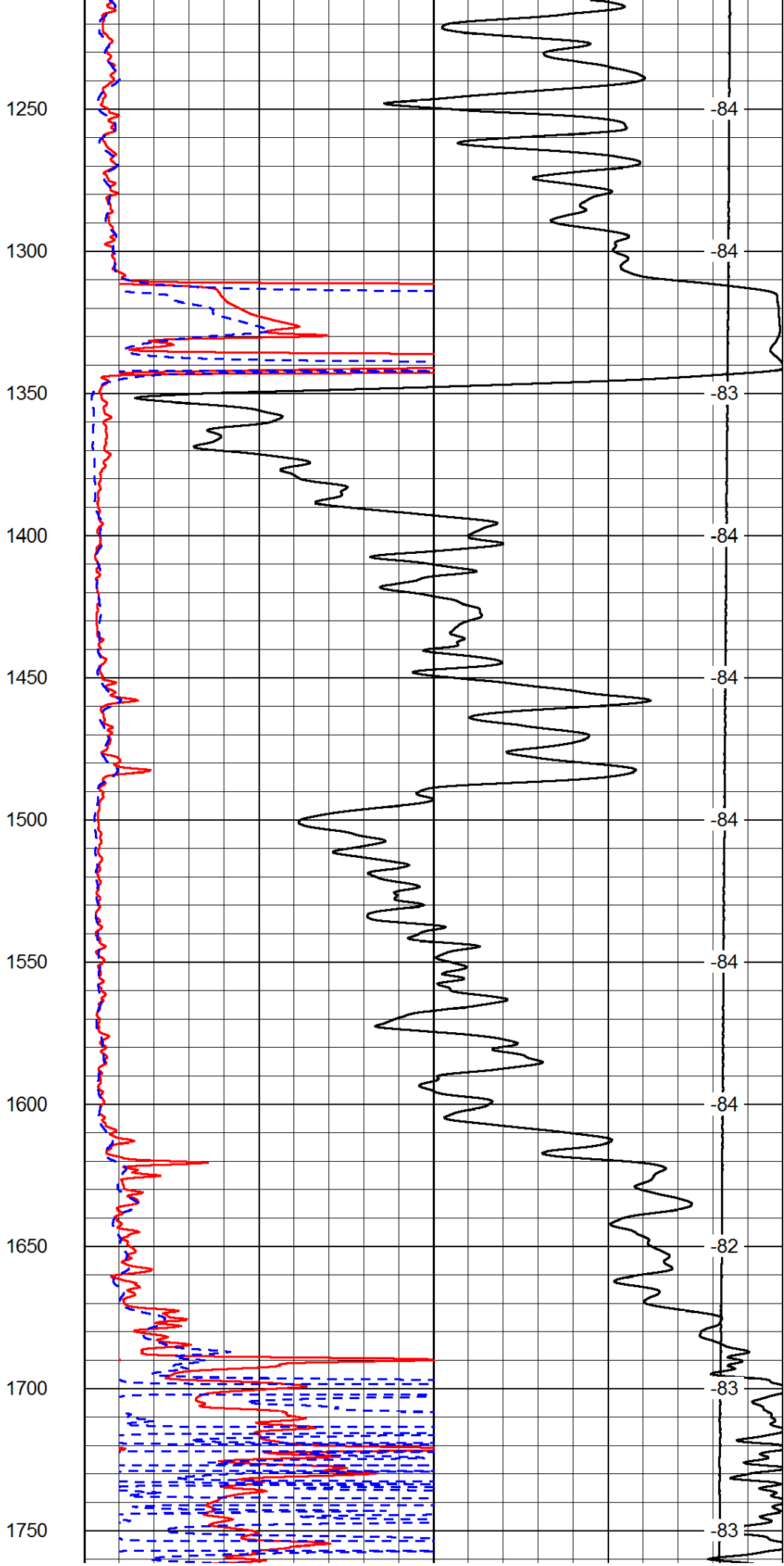
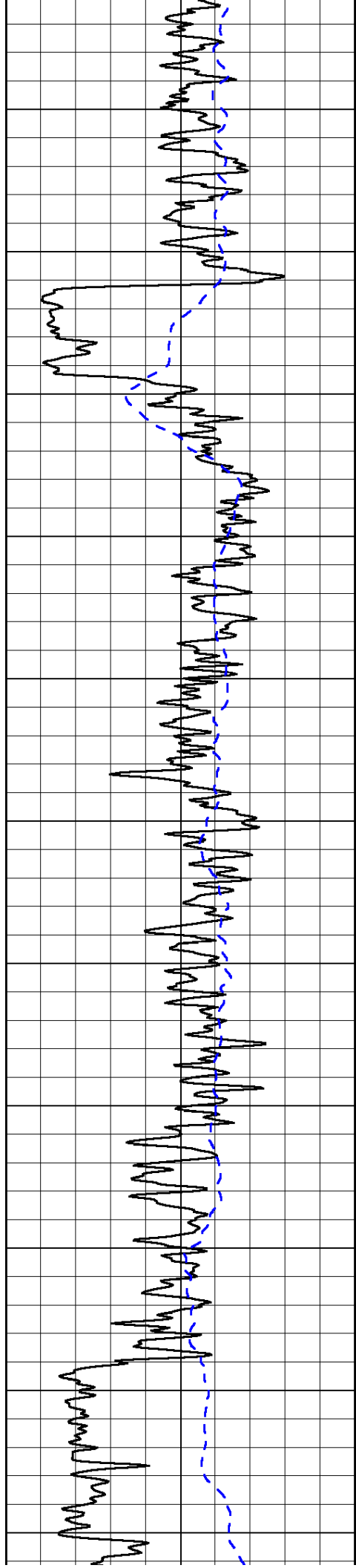
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

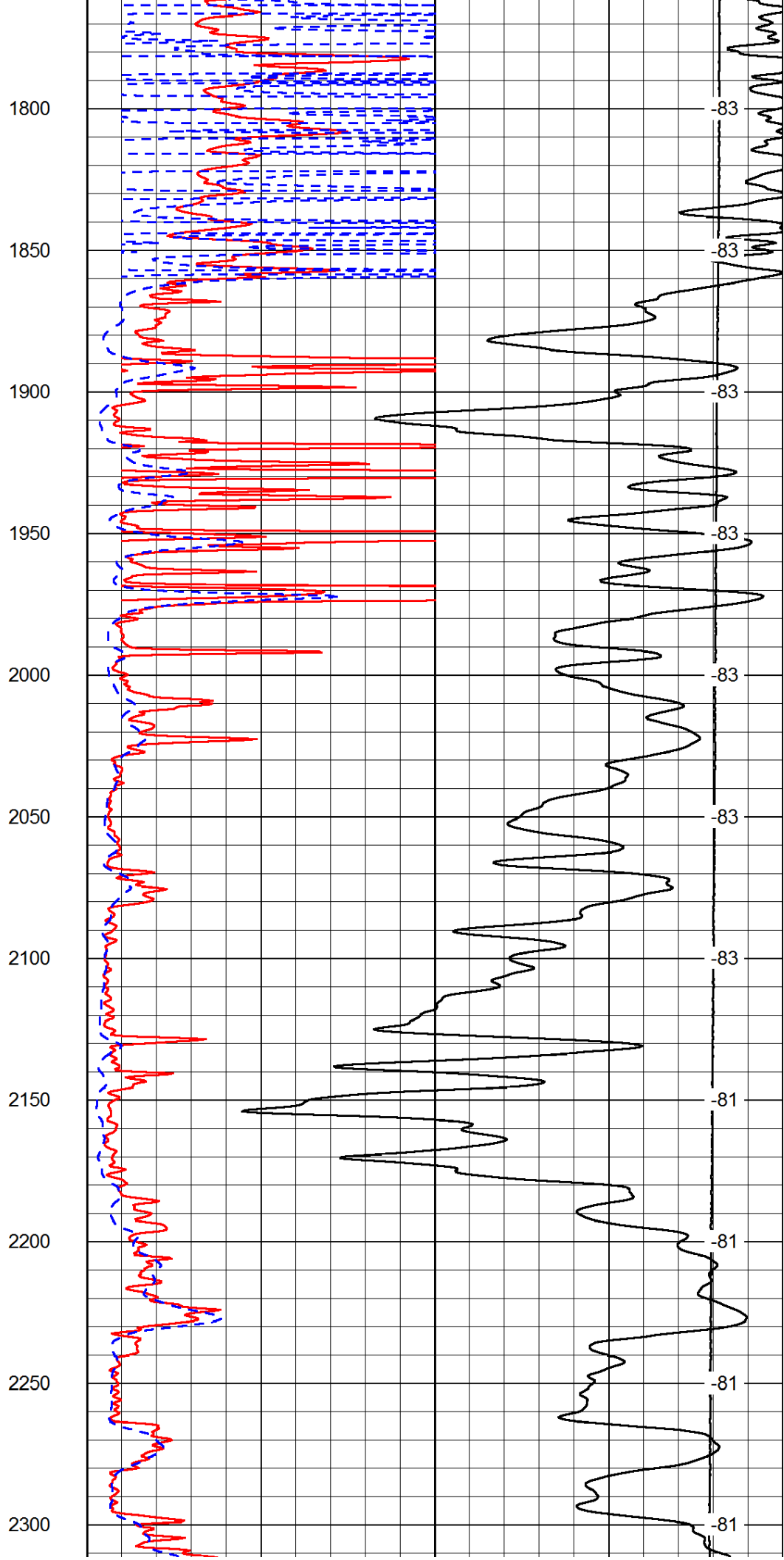
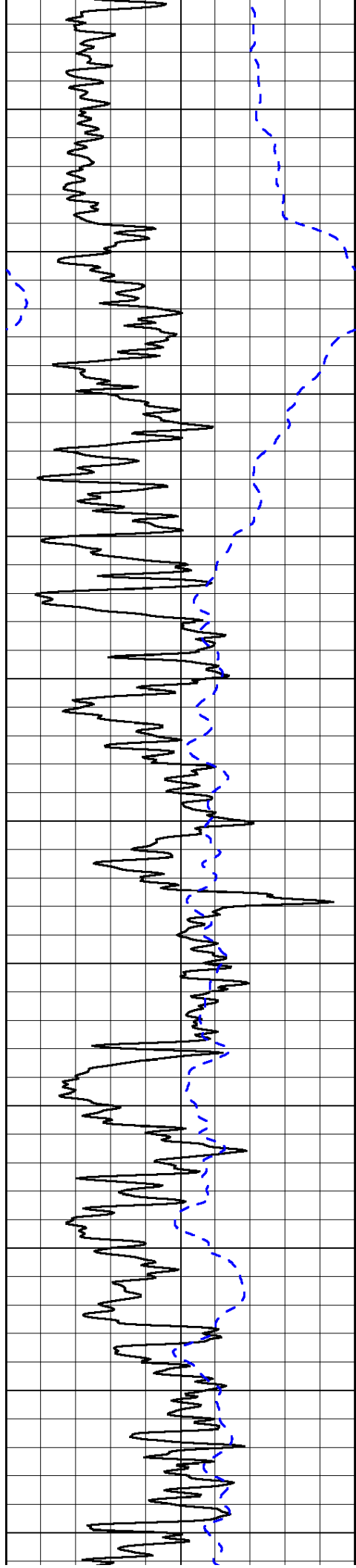
50	Shallow Resistivity	500
50	Deep Resistivity	500

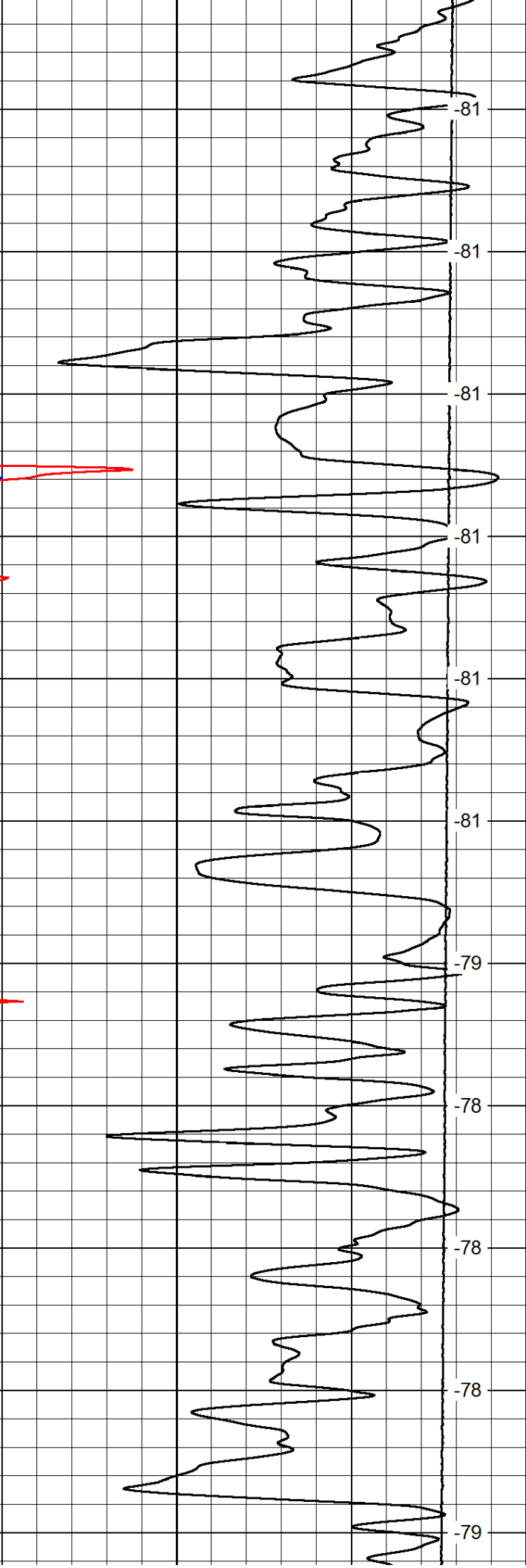
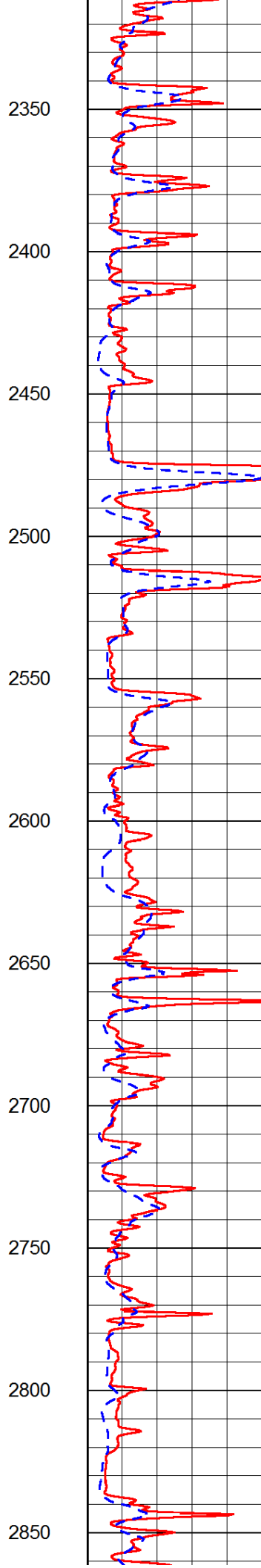
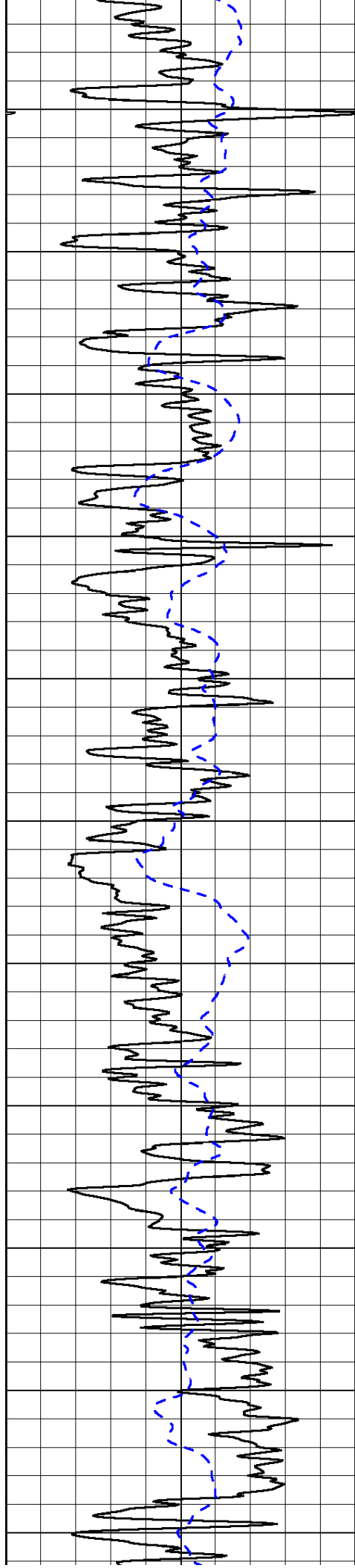
LSPD
0
0

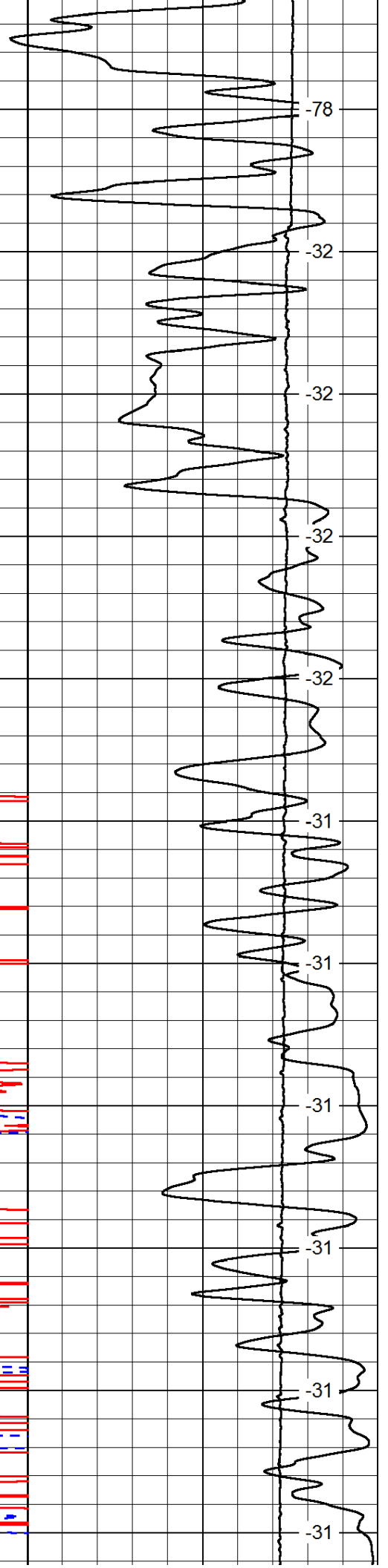
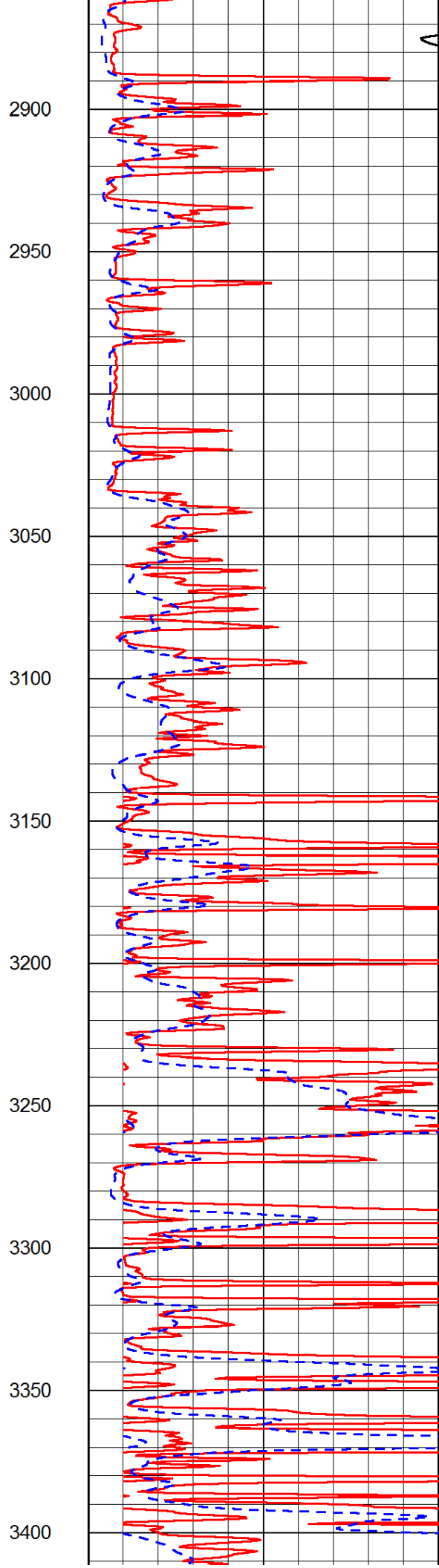
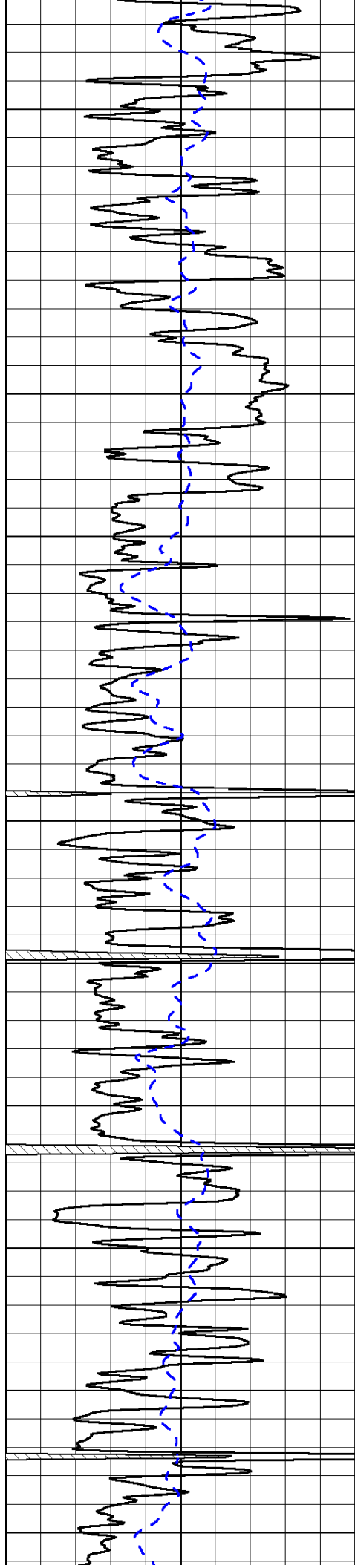


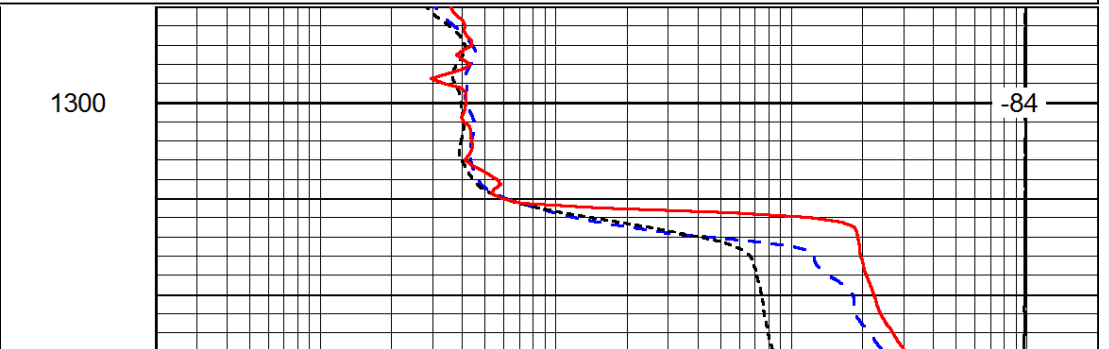
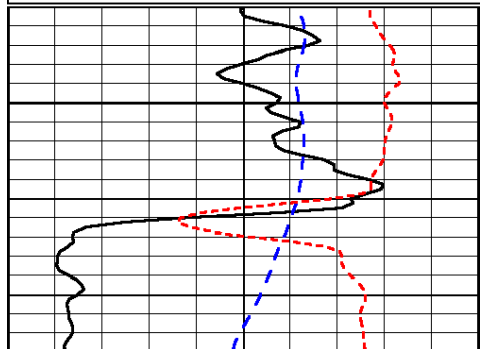
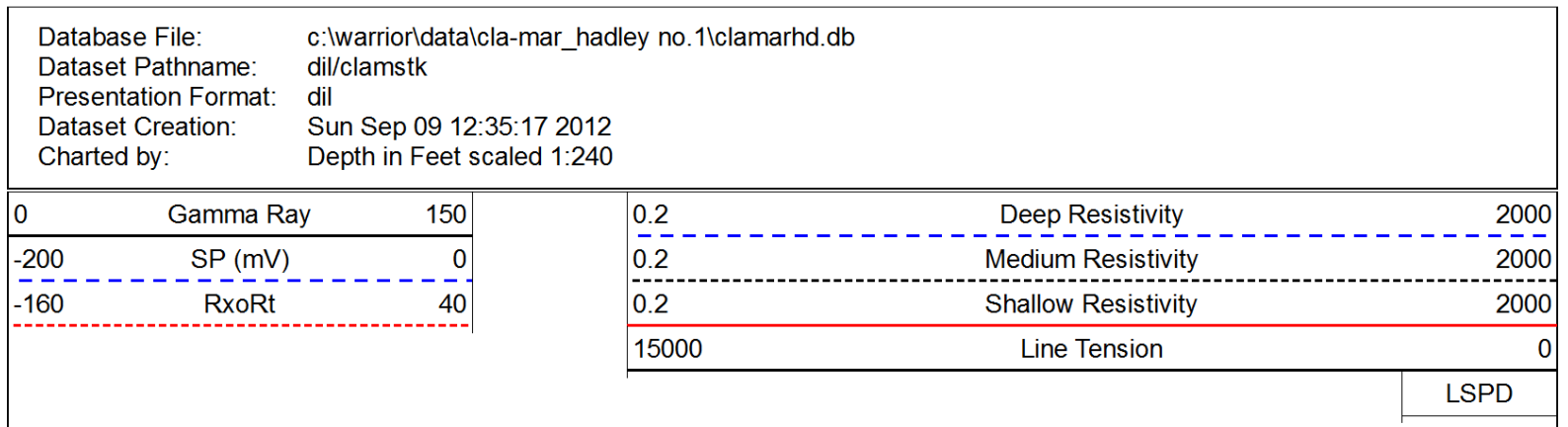
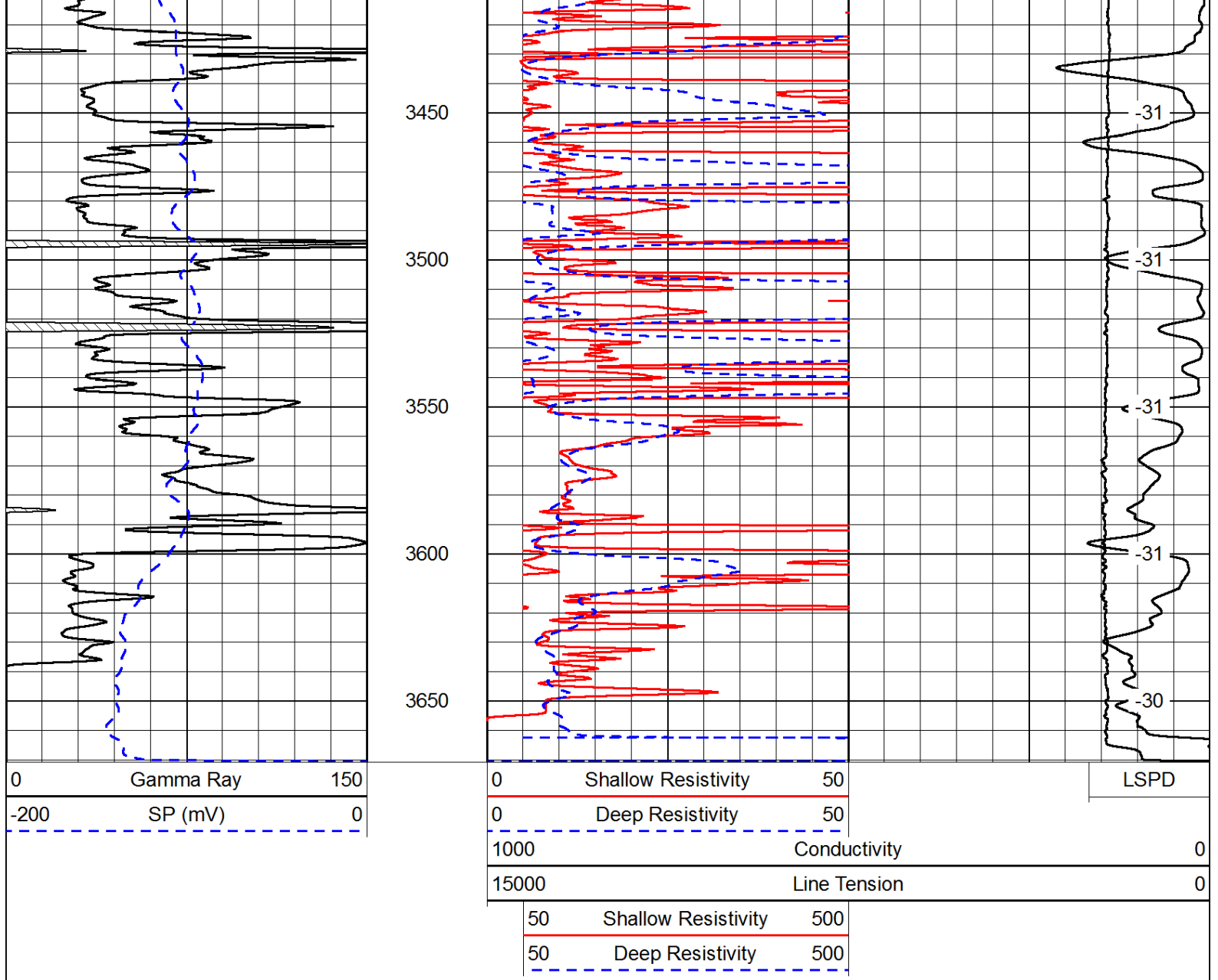


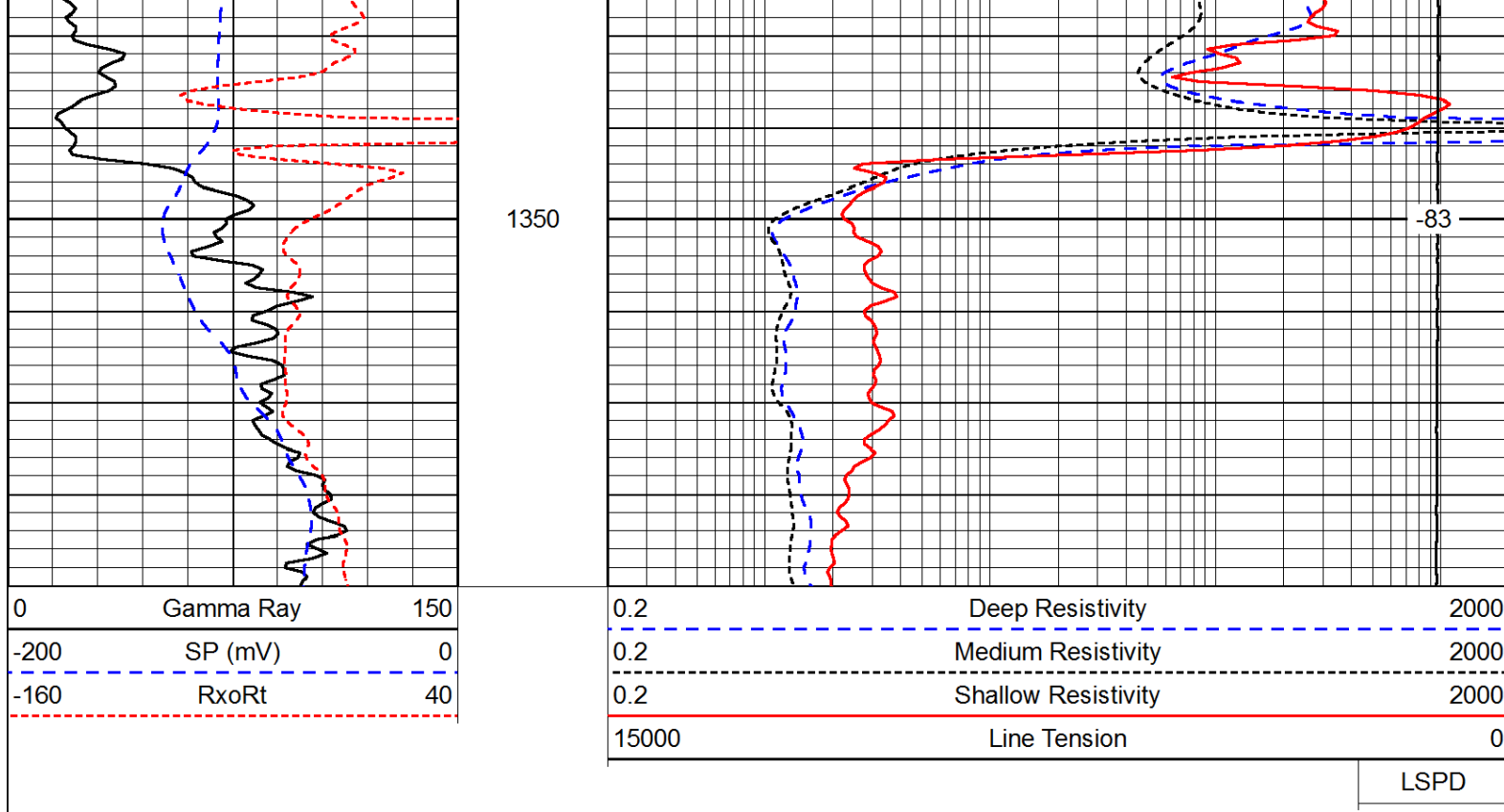




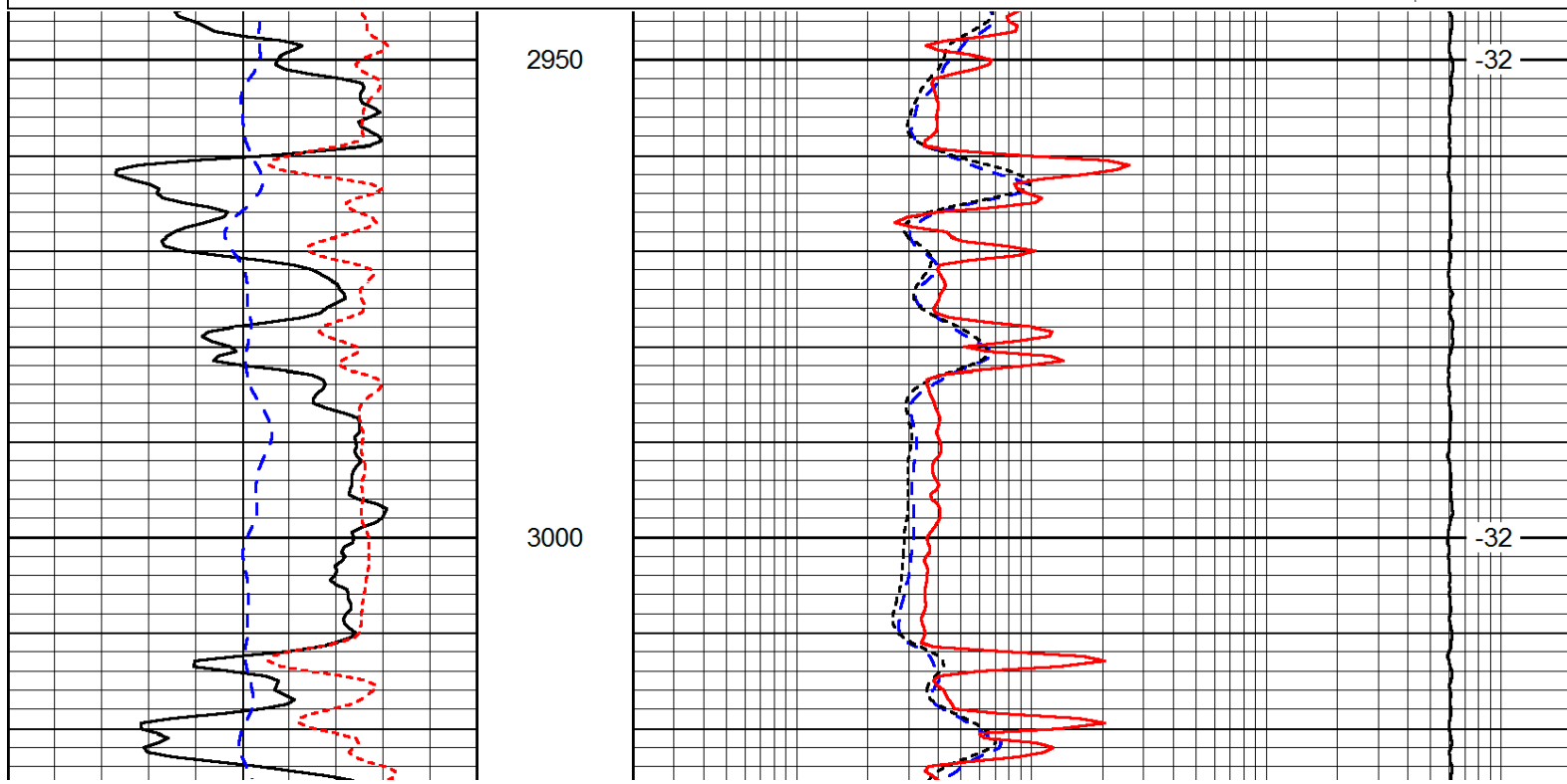
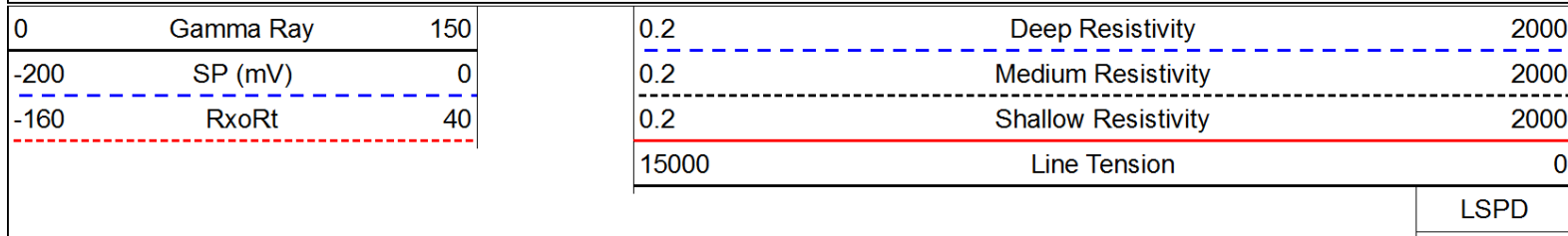


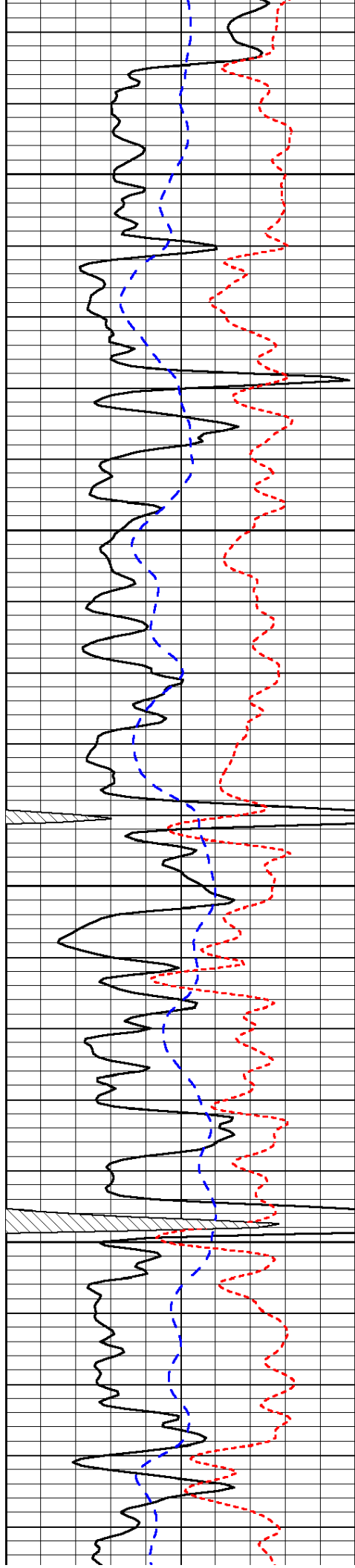






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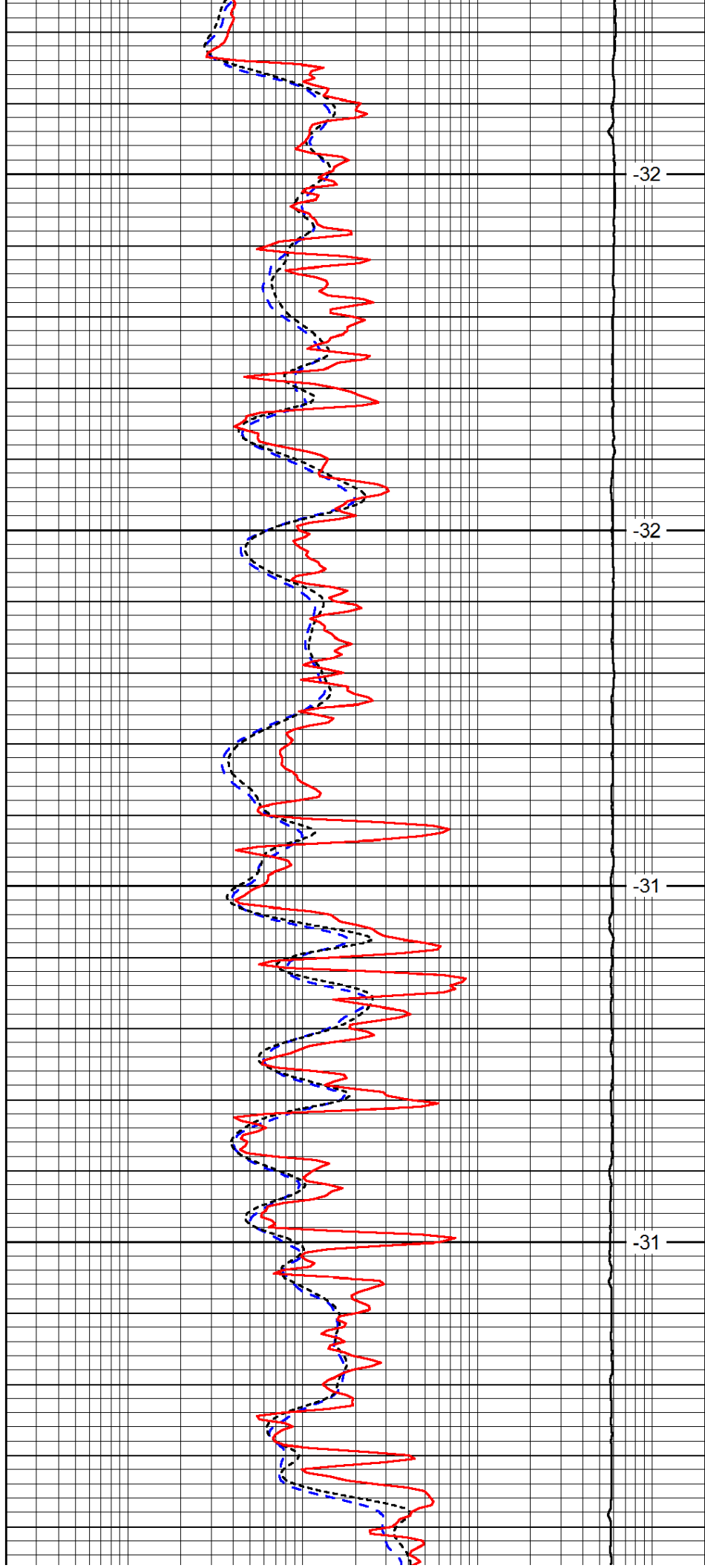


3050

3100

3150

3200

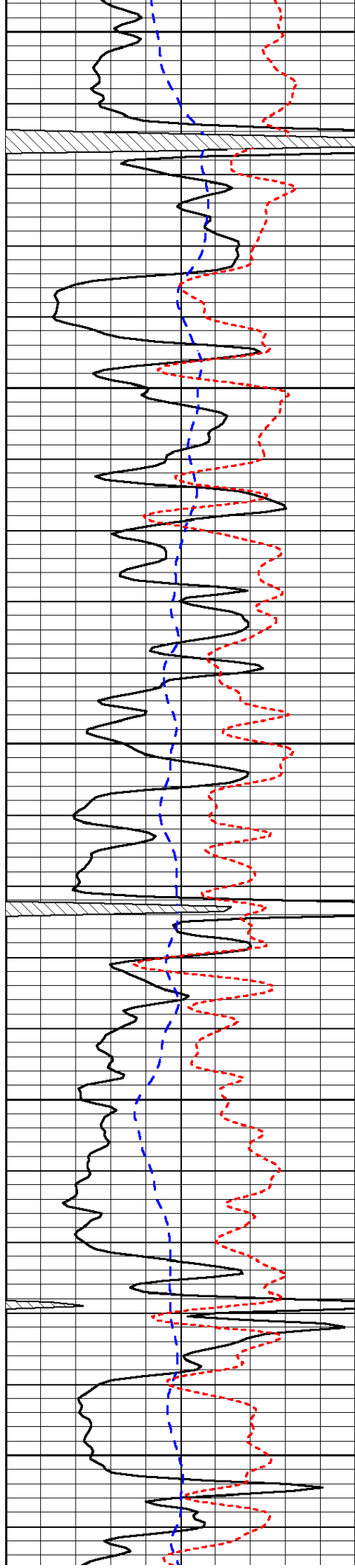


-32

-32

-31

-31



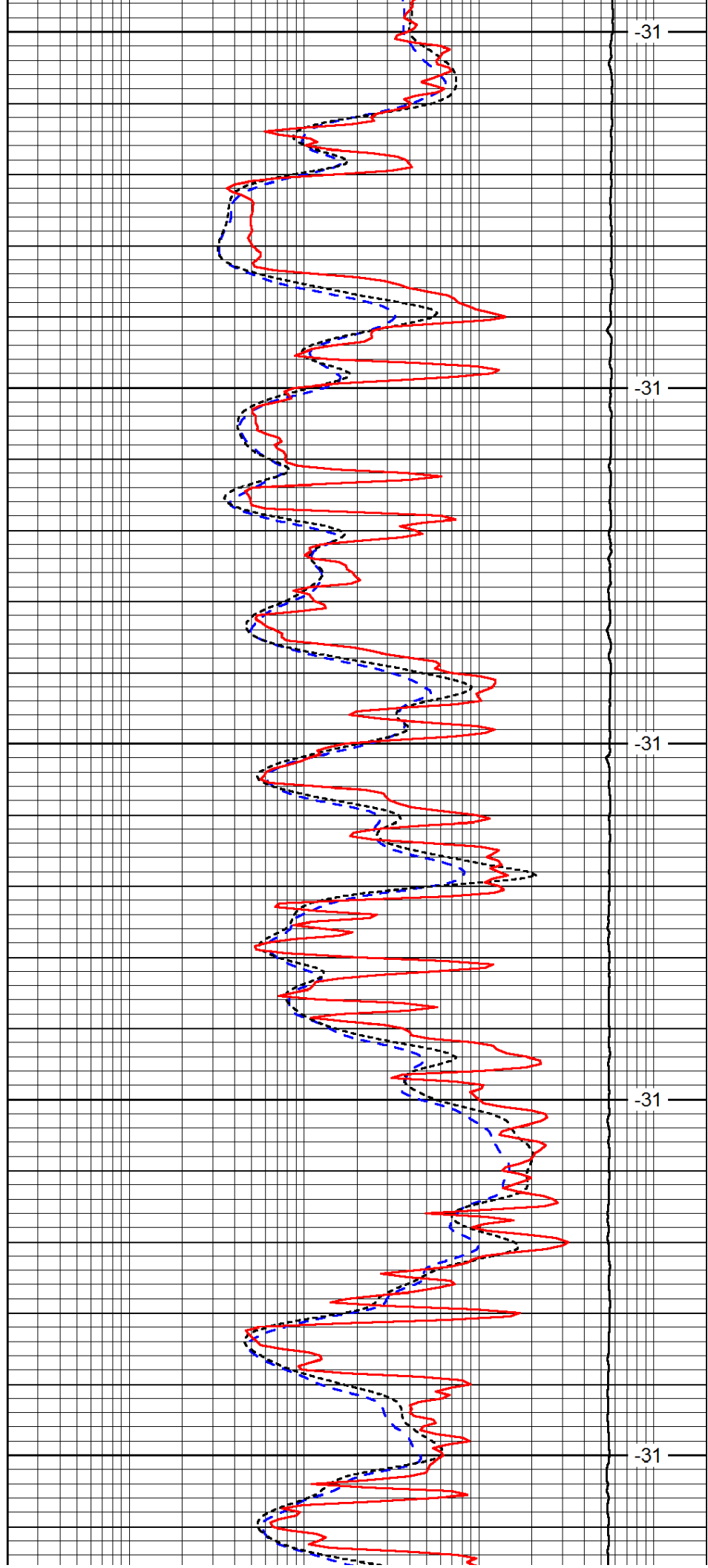
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3300

3350

3400

3450



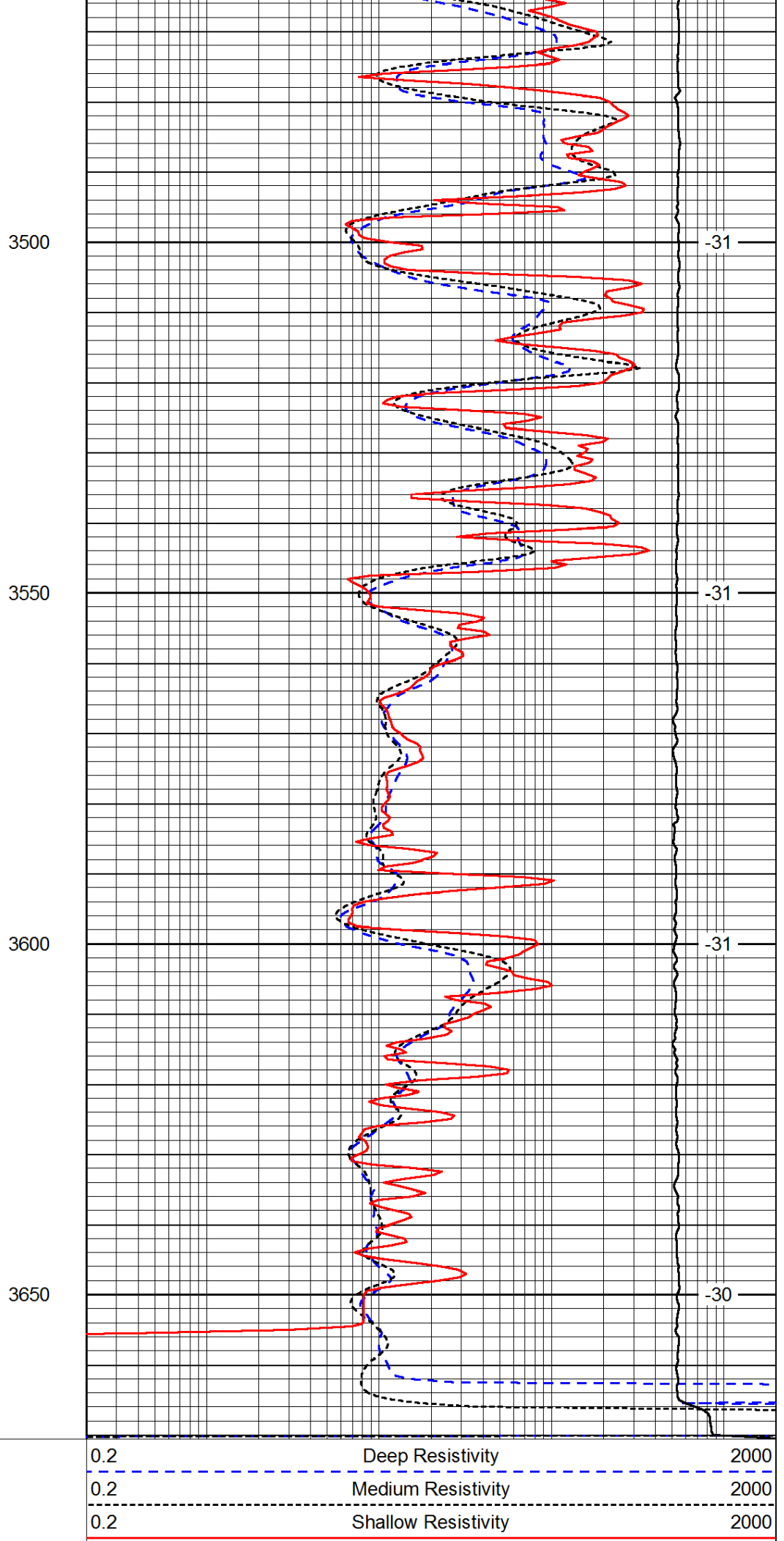
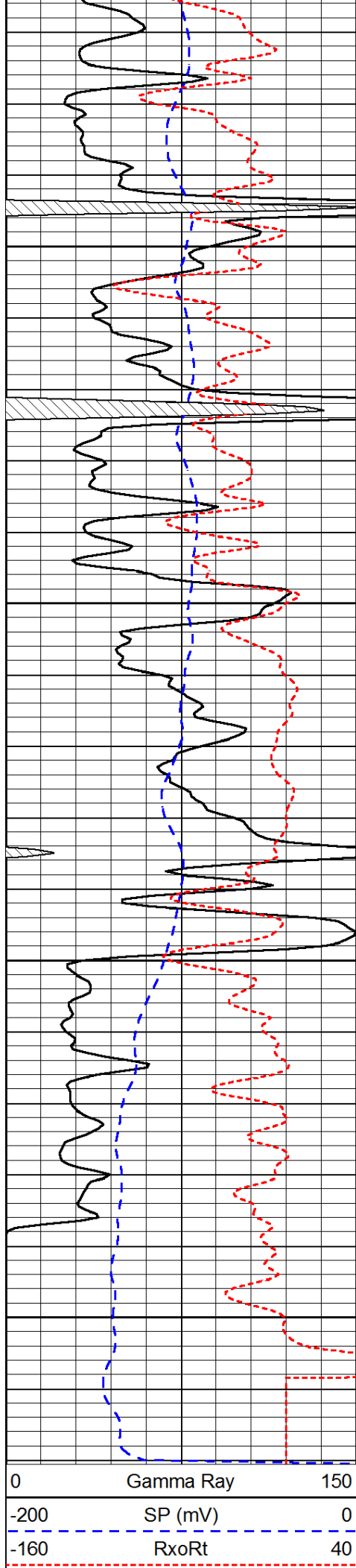
-31

-31

-31

-31

-31



		15000	Line Tension	0
				LSPD