



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company L.D. Drilling, Inc.	
15-185-23,705-00-00		Well Bernice No. 4-23	
Field Widener		County Stafford State Kansas	
Location 330' FSL & 1255' FEL		Other Services CNL/CDL MEL	
Sec: 23 Twp: 21 S Rge: 12 W		Elevation	
Permanent Datum Ground Level		K.B. 1838	
Log Measured From Kelly Bushing		D.F. 1833	
Drilling Measured From Kelly Bushing		G.L. 1833	
Date	10/2/2011		
Run Number	One		
Depth Driller	3700		
Depth Logger	3694		
Bottom Logged Interval	3693		
Top Log Interval	300		
Casing Driller	8.625 @ 331		
Casing Logger	224		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	13400		
Density / Viscosity	9.2 58		
pH / Fluid Loss	10 14.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.35 @ 72		
Rmf @ Meas. Temp	.26 @ 72		
Rmc @ Meas. Temp	.47 @ 72		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.22 @ 115		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	115		
Equipment Number	91		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Josh Austin		

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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.

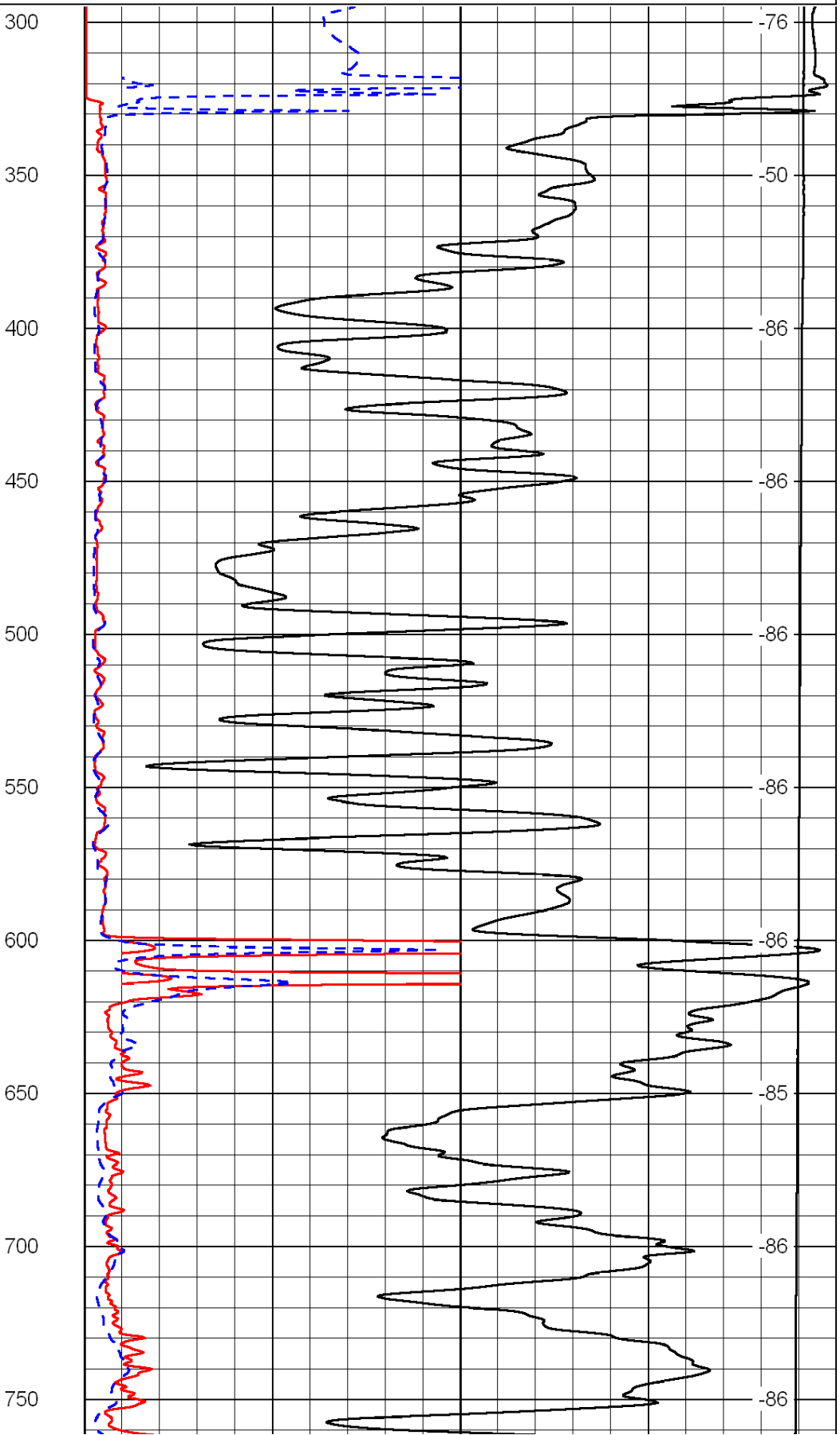
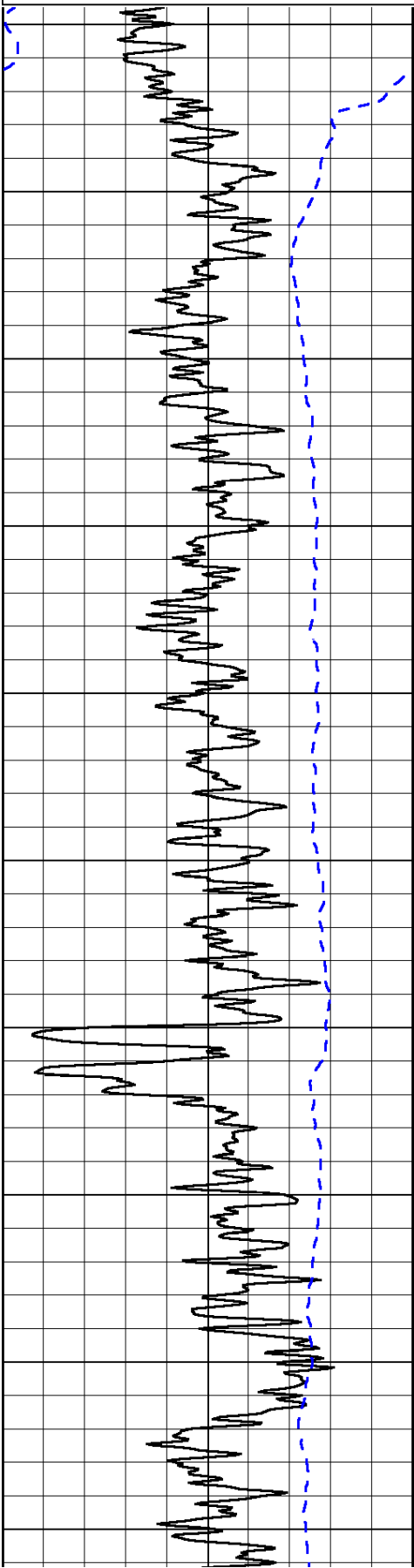
Comments

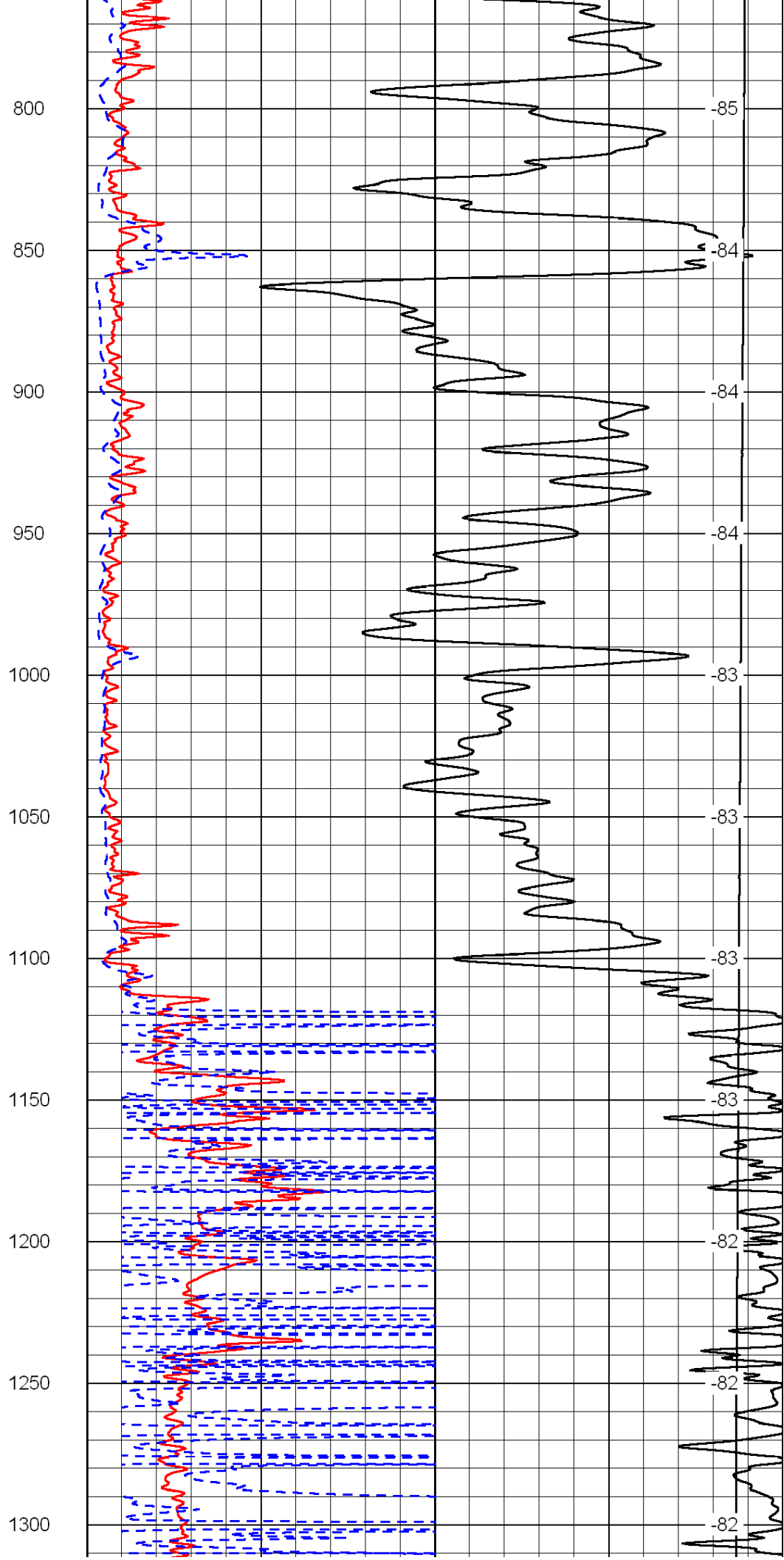
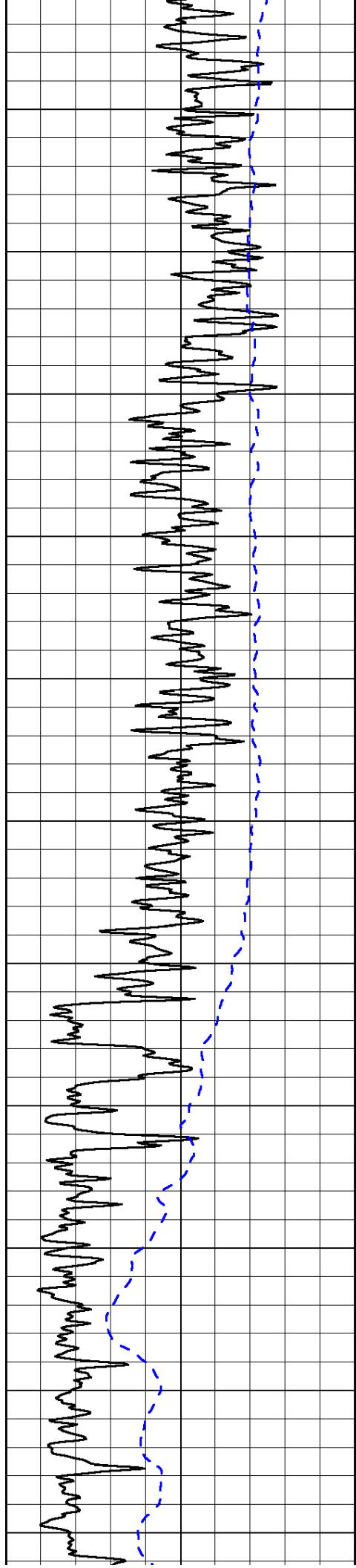
Thank you for using Log-Tech, Inc.
(785) 625-3858

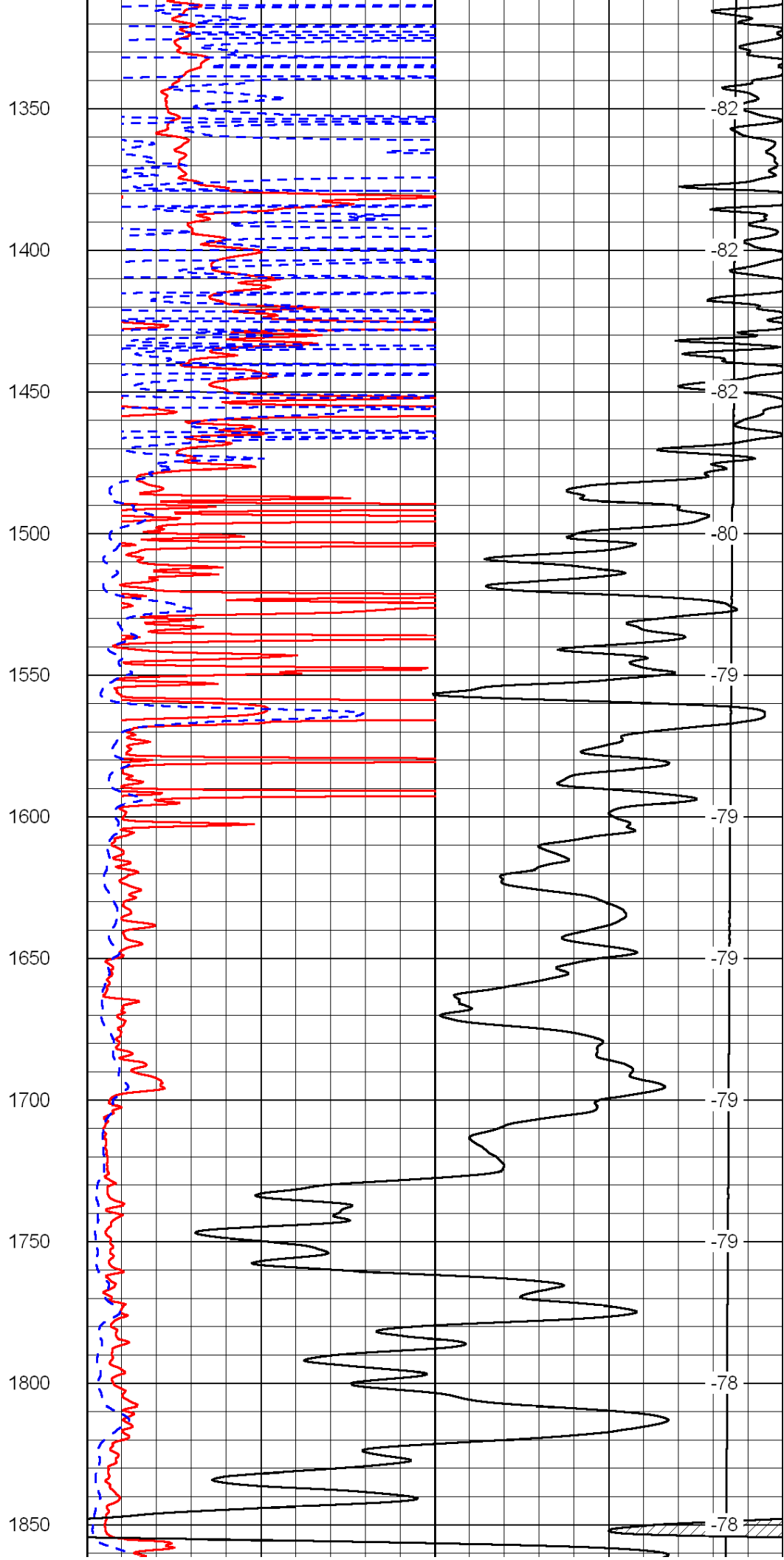
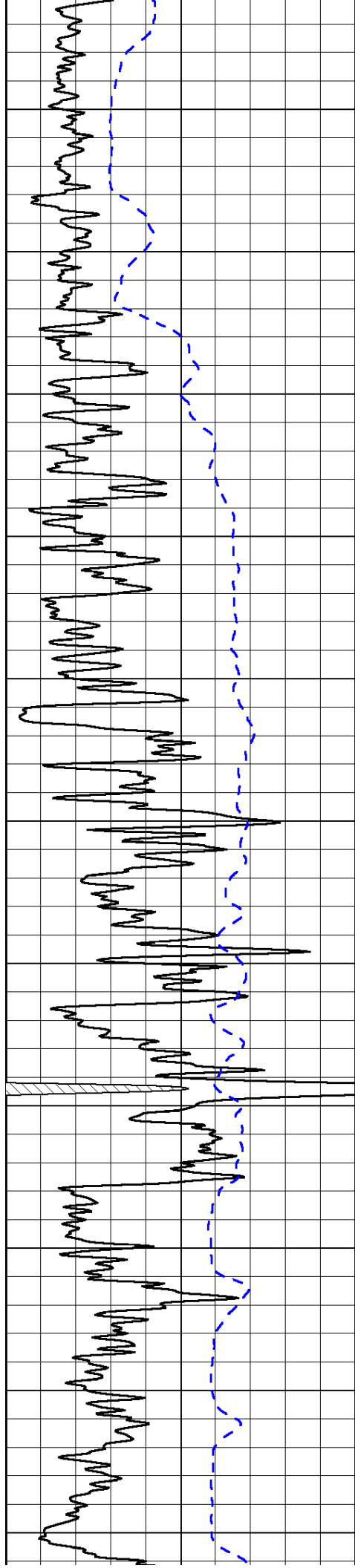
Ellinwood KS, South to the County Line,
4 South, 1/4 West, North Into

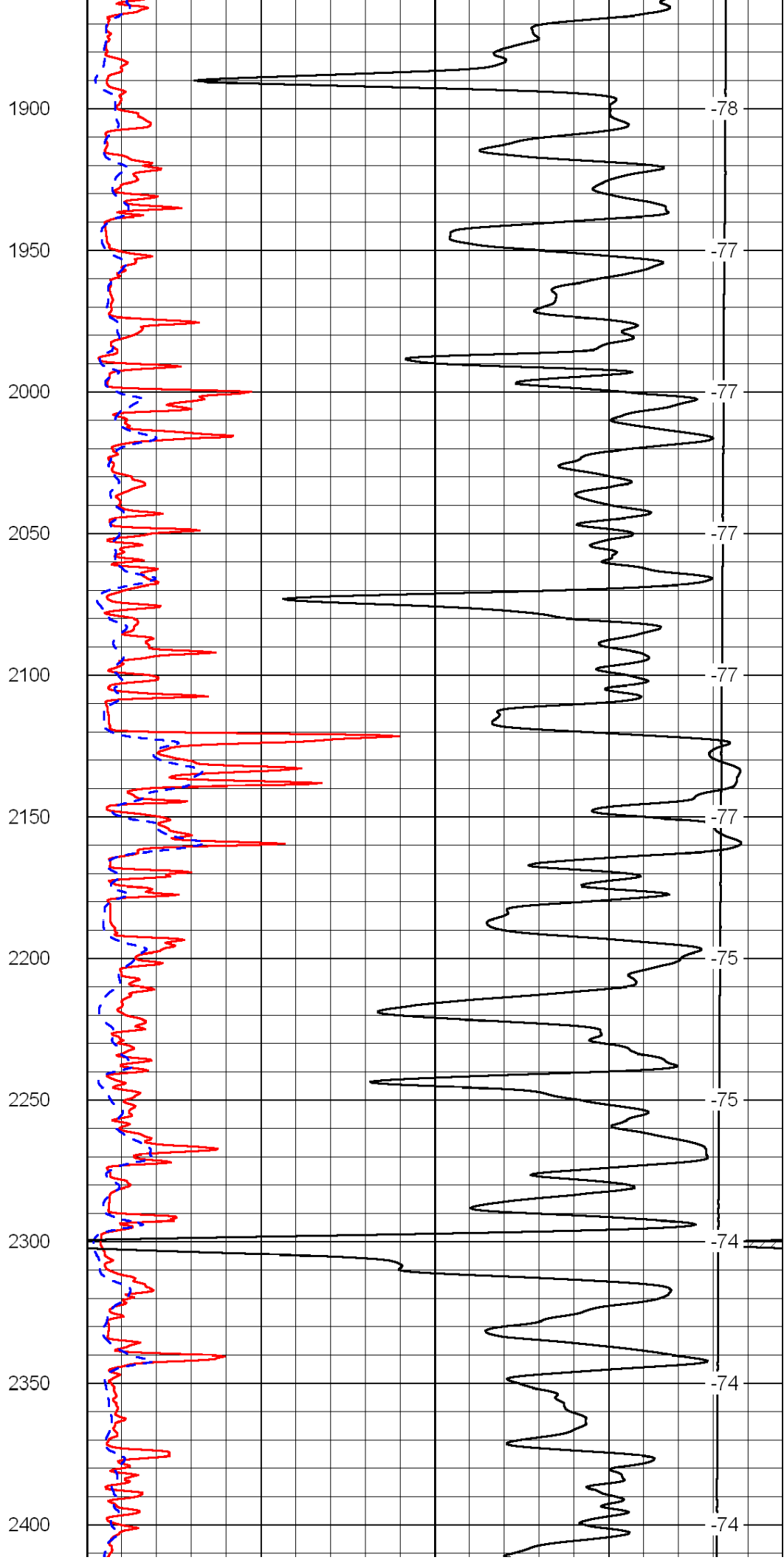
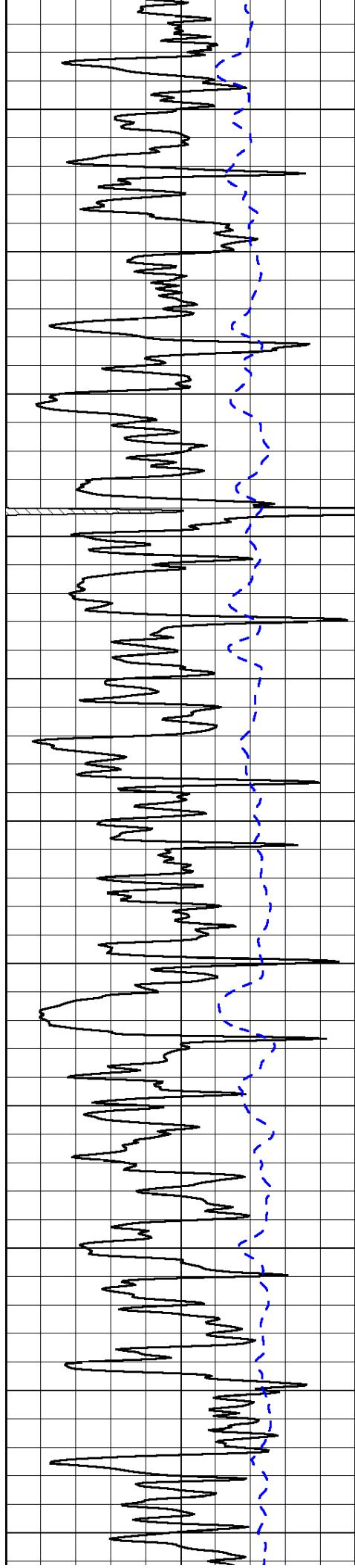
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-200	SP (mV)	0

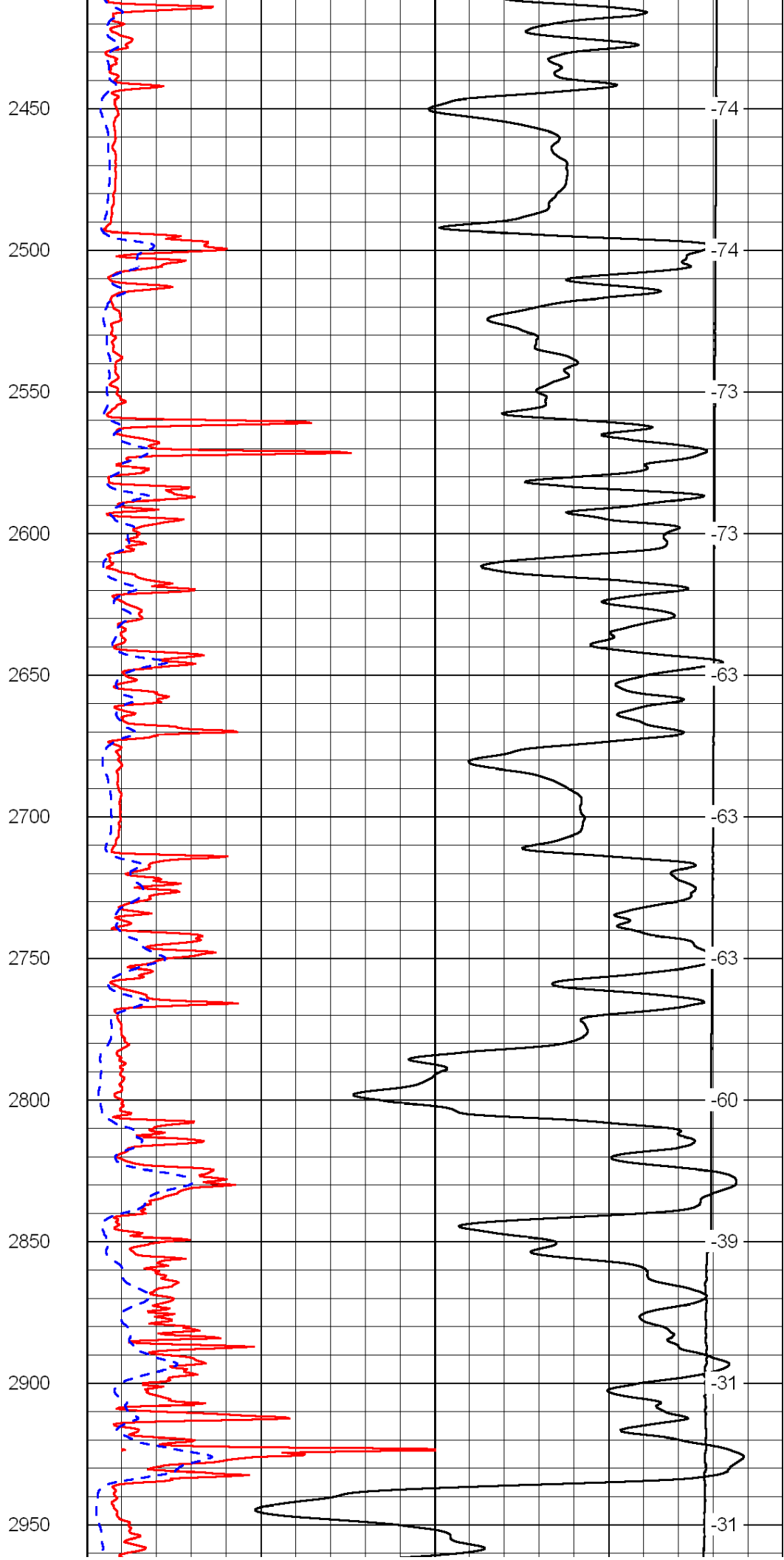
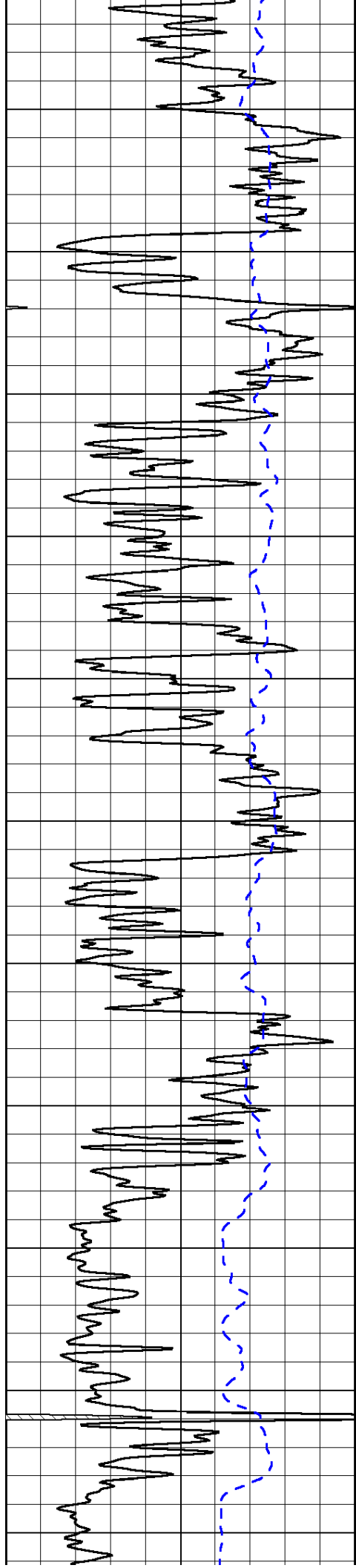
0	Shallow Resistivity	50		LSPD
0	Deep Resistivity	50		
1000	Conductivity			0
15000	Line Tension			0
50	Shallow Resistivity	500		
50	Deep Resistivity	500		

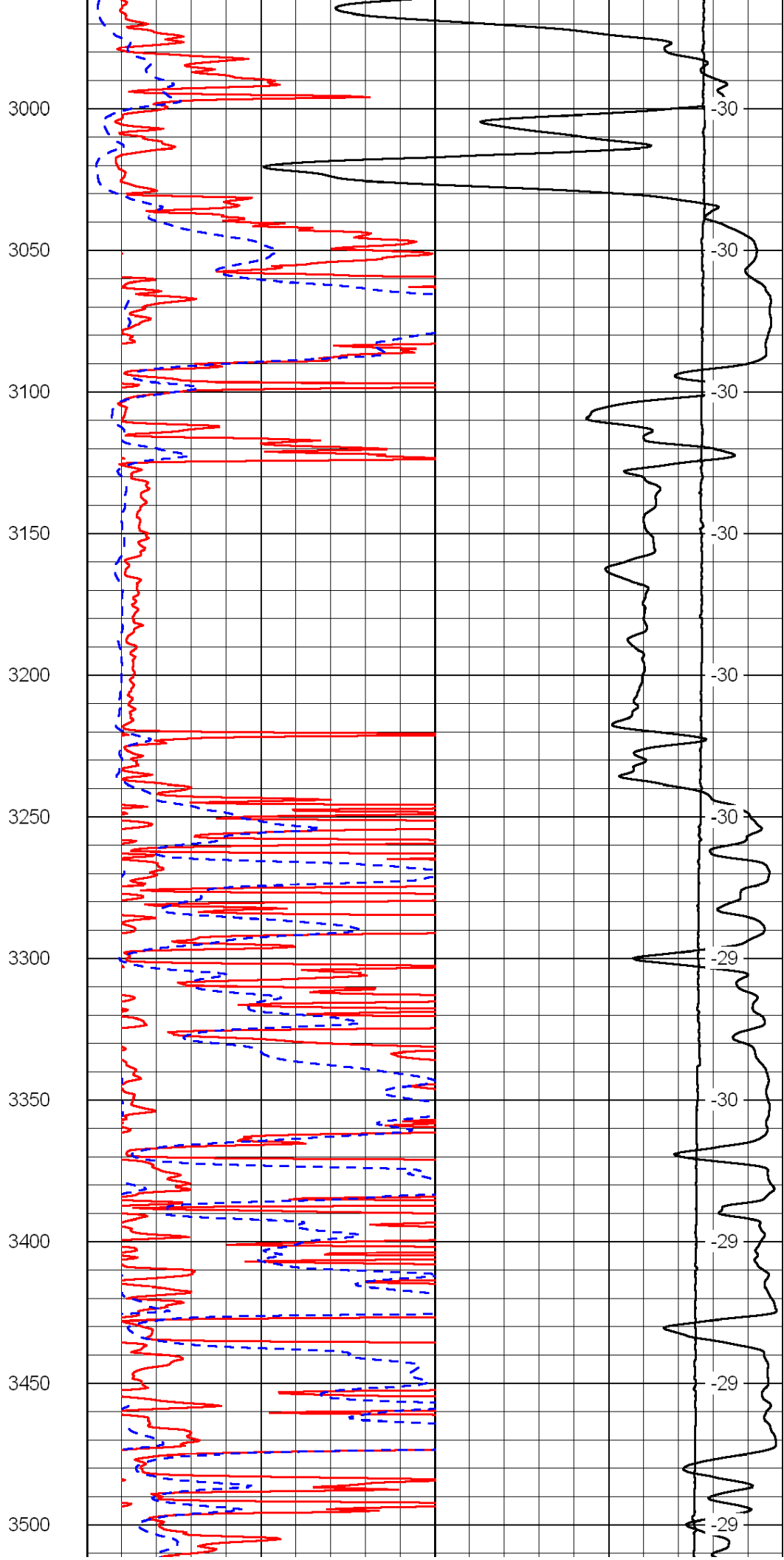
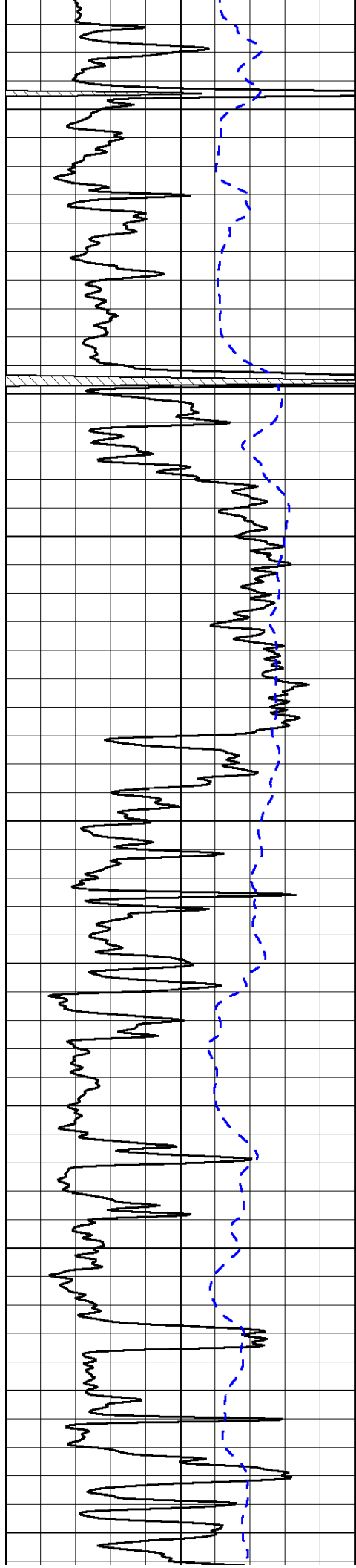


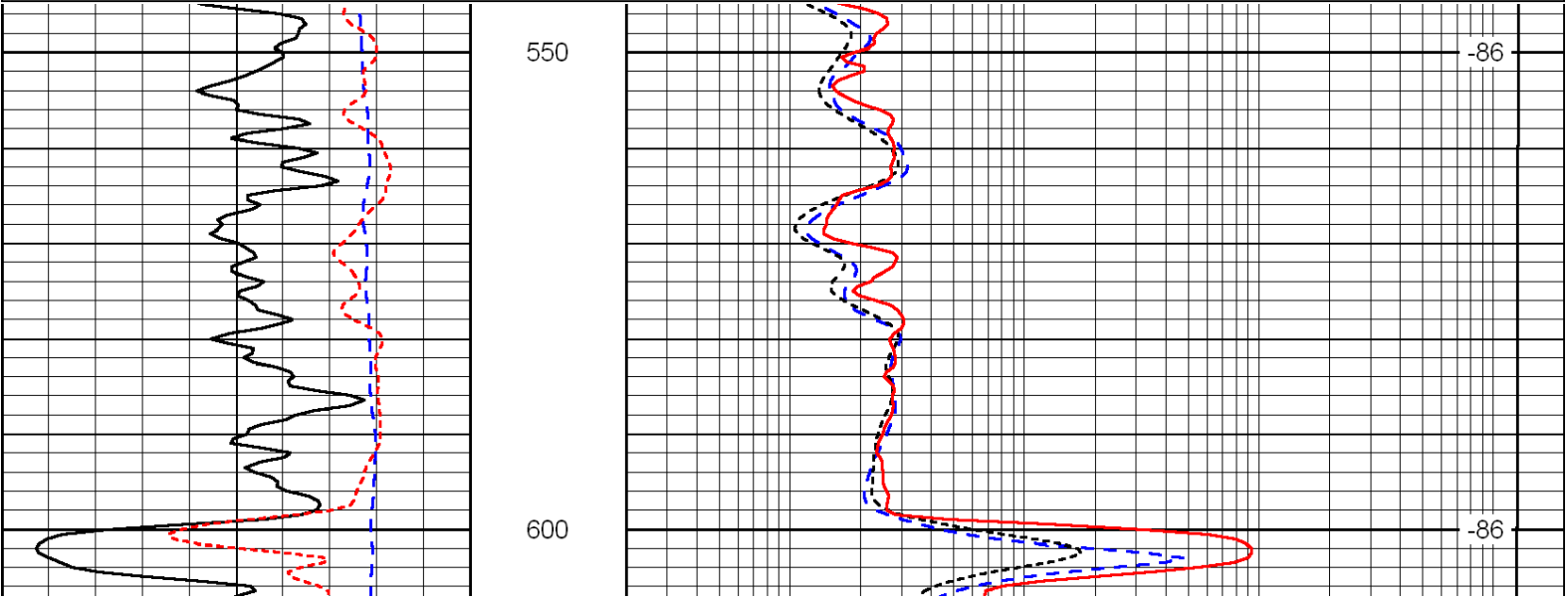
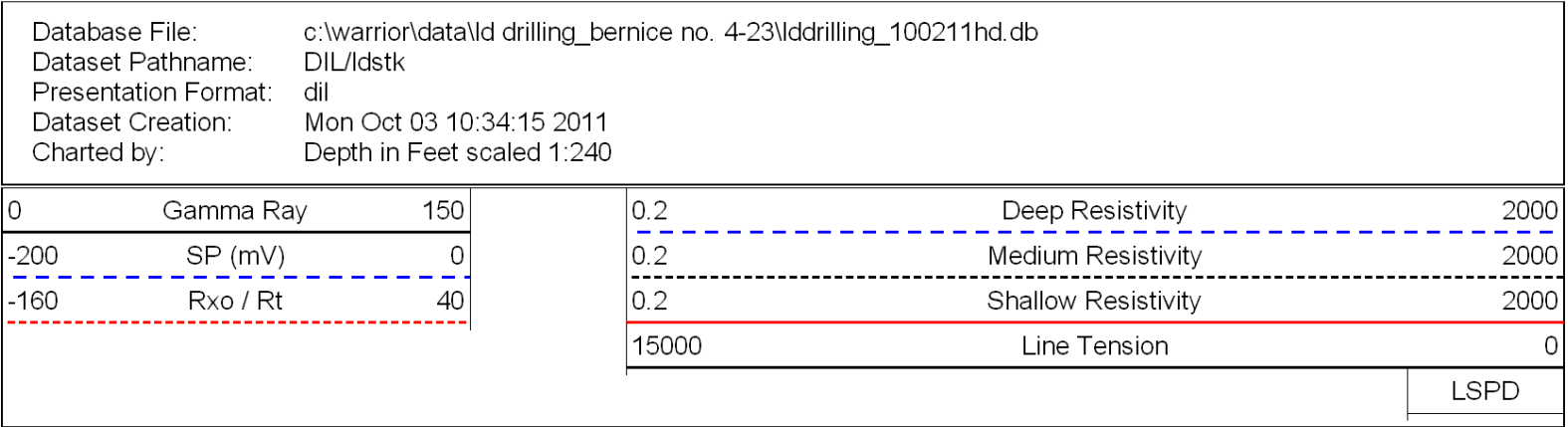
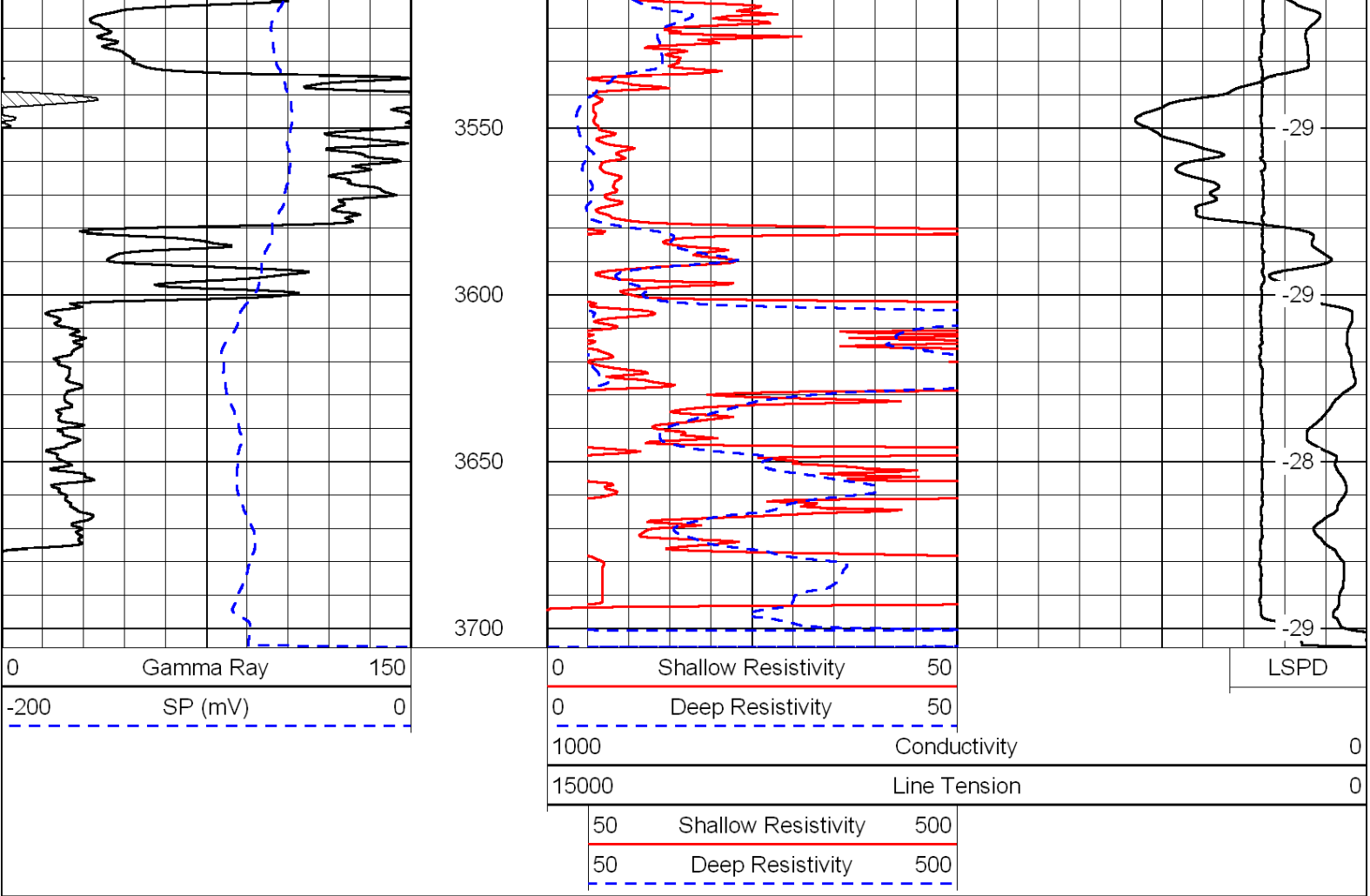


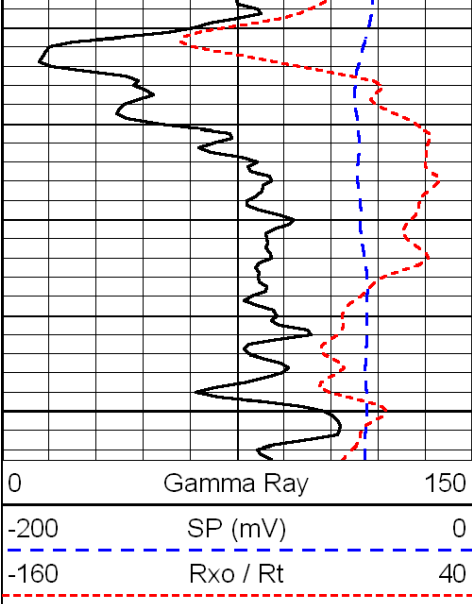




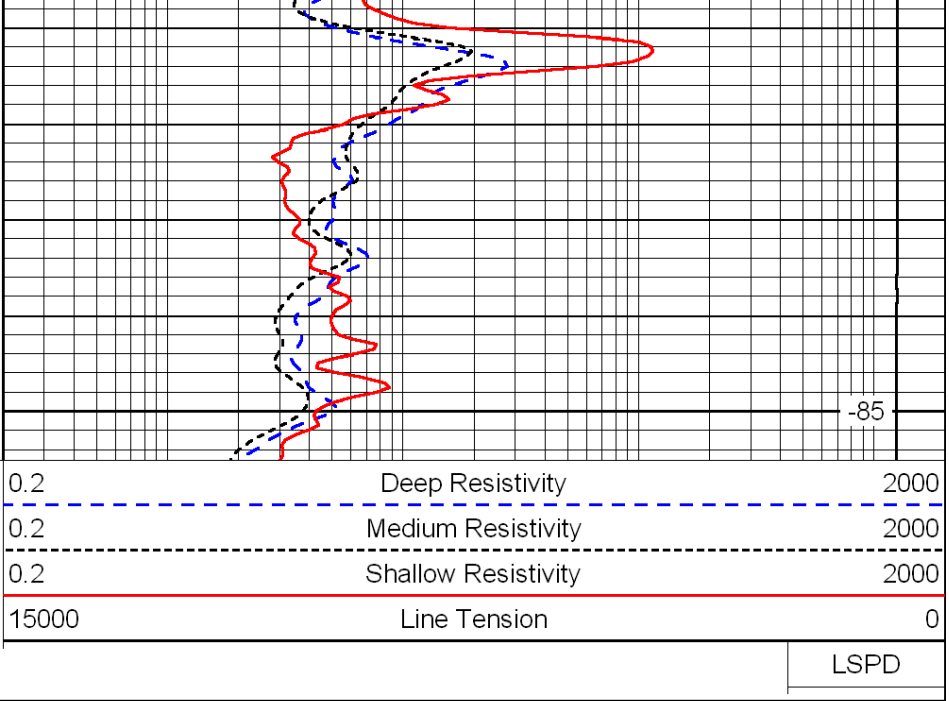




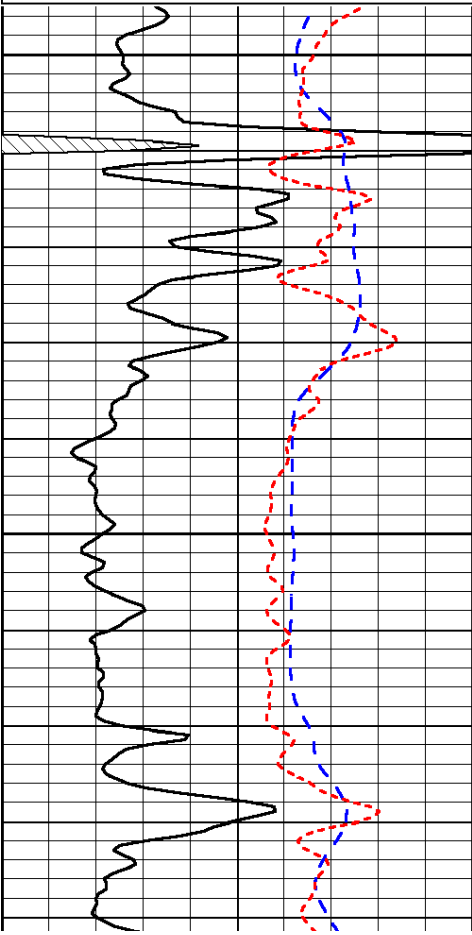
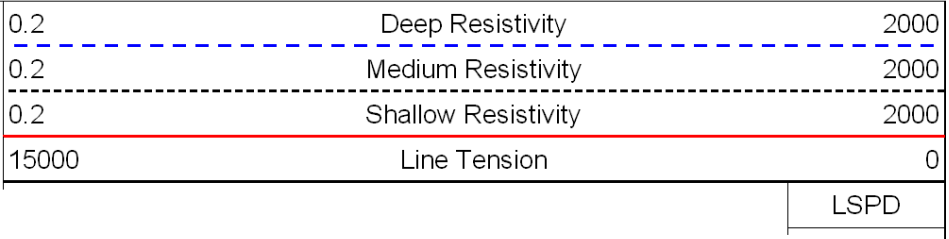
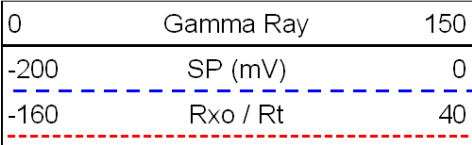




650

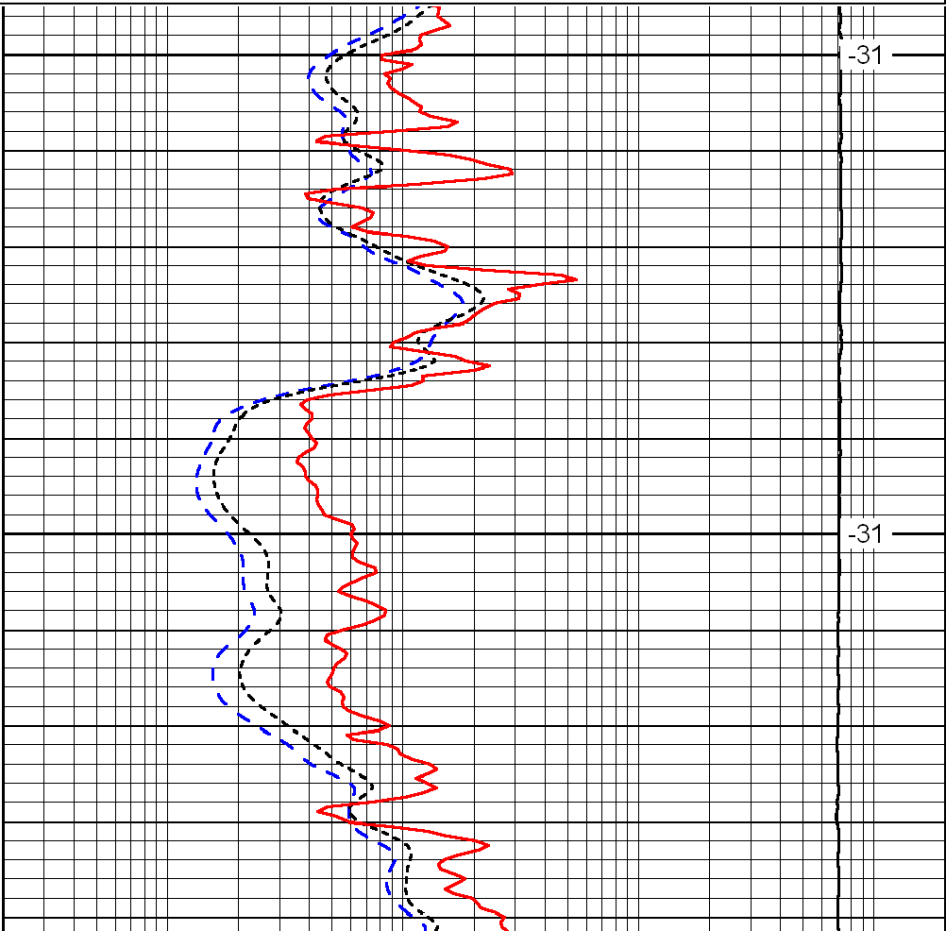


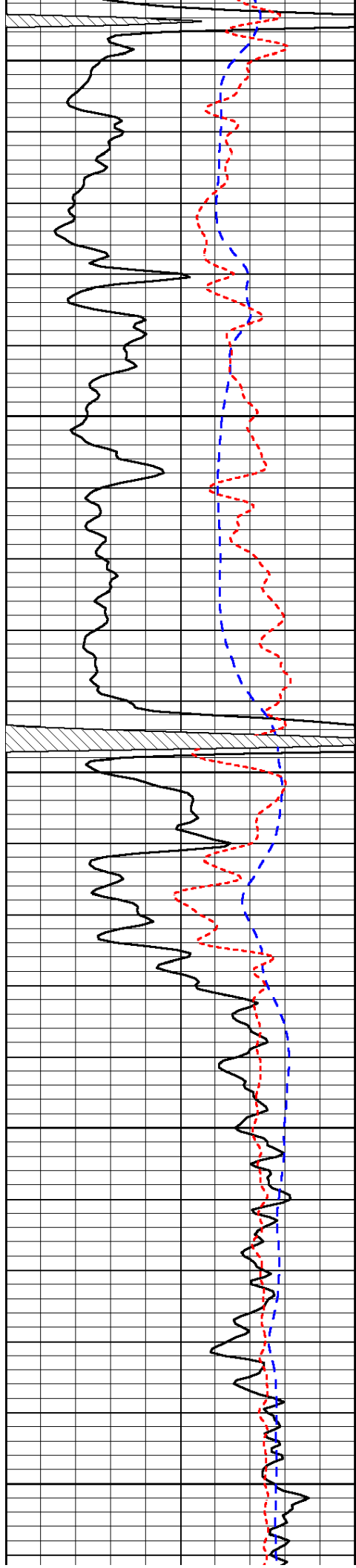
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Presentation Format: dil
Dataset Creation: Mon Oct 03 10:34:15 2011
Charted by: Depth in Feet scaled 1:240



2900

2950





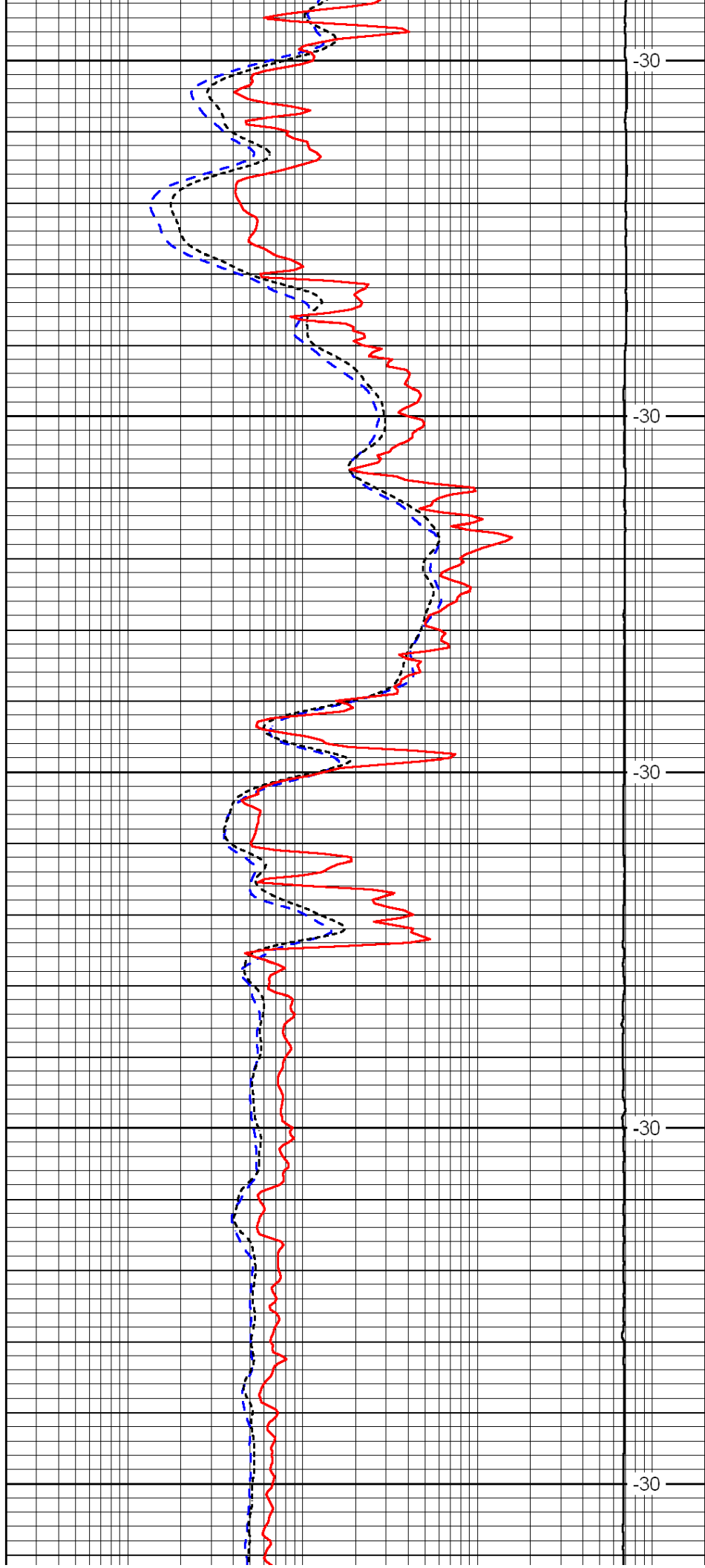
3000

3050

3100

3150

3200



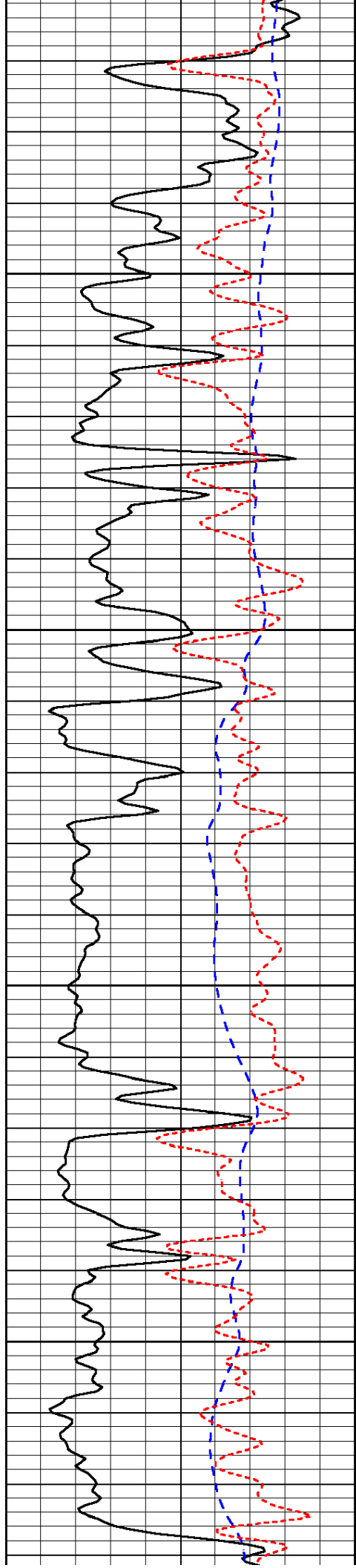
-30

-30

-30

-30

-30

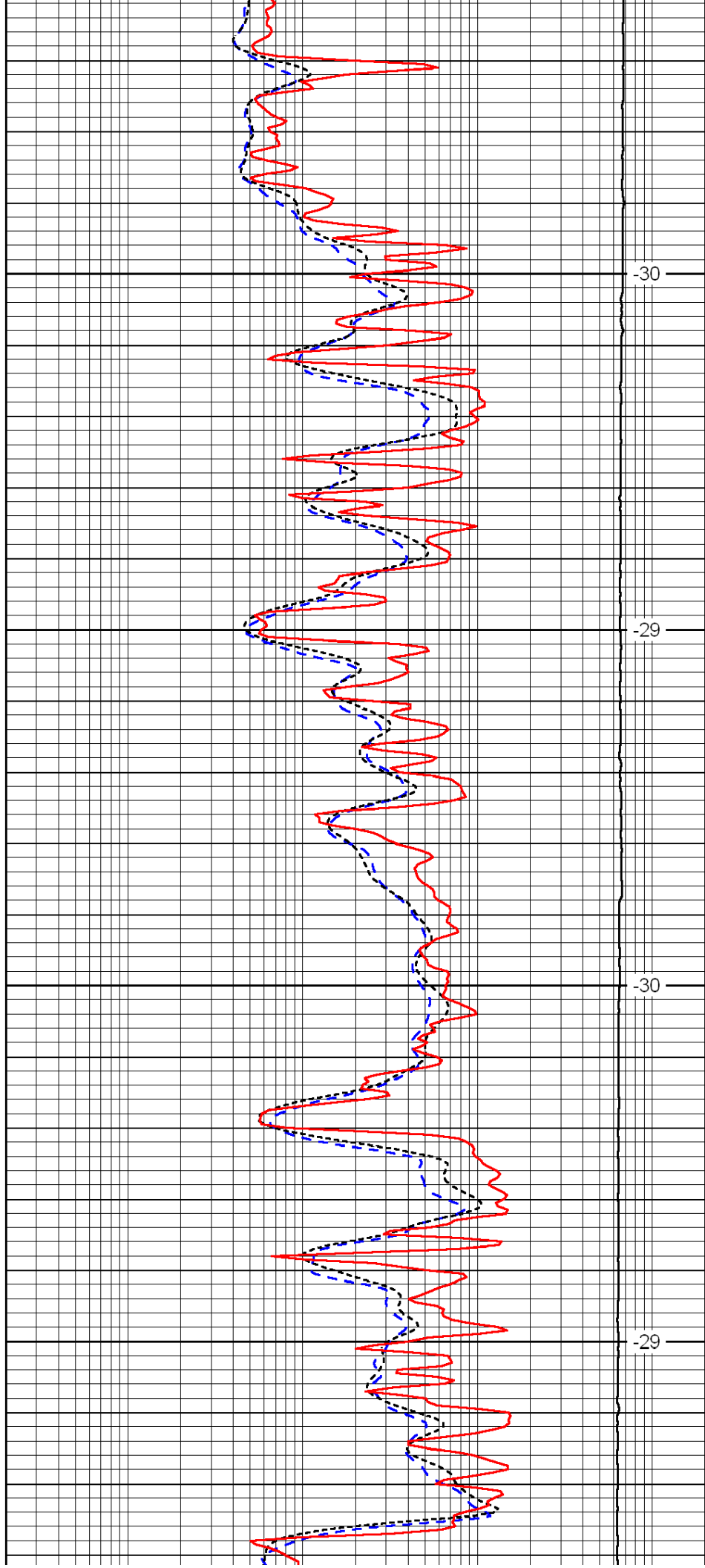


3250

3300

3350

3400

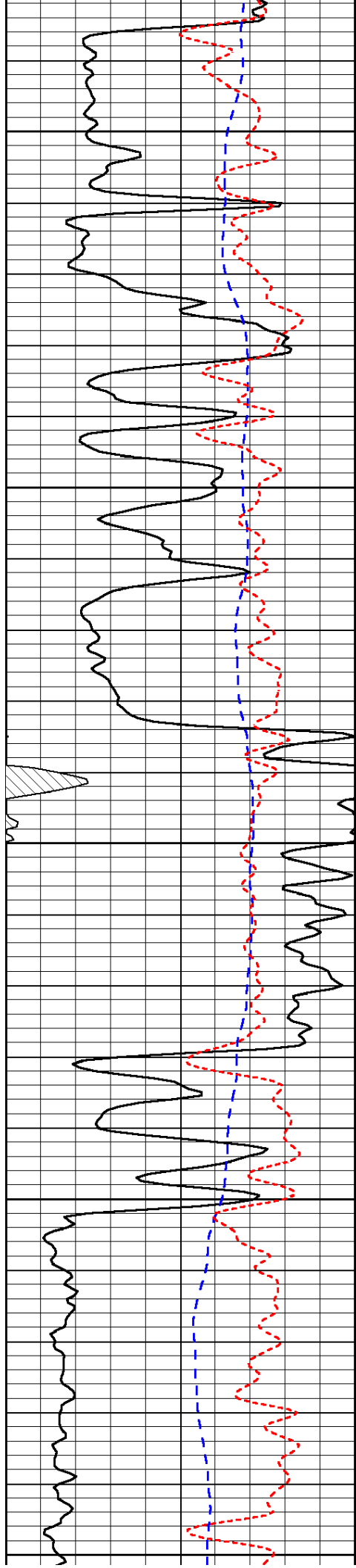


-30

-29

-30

-29



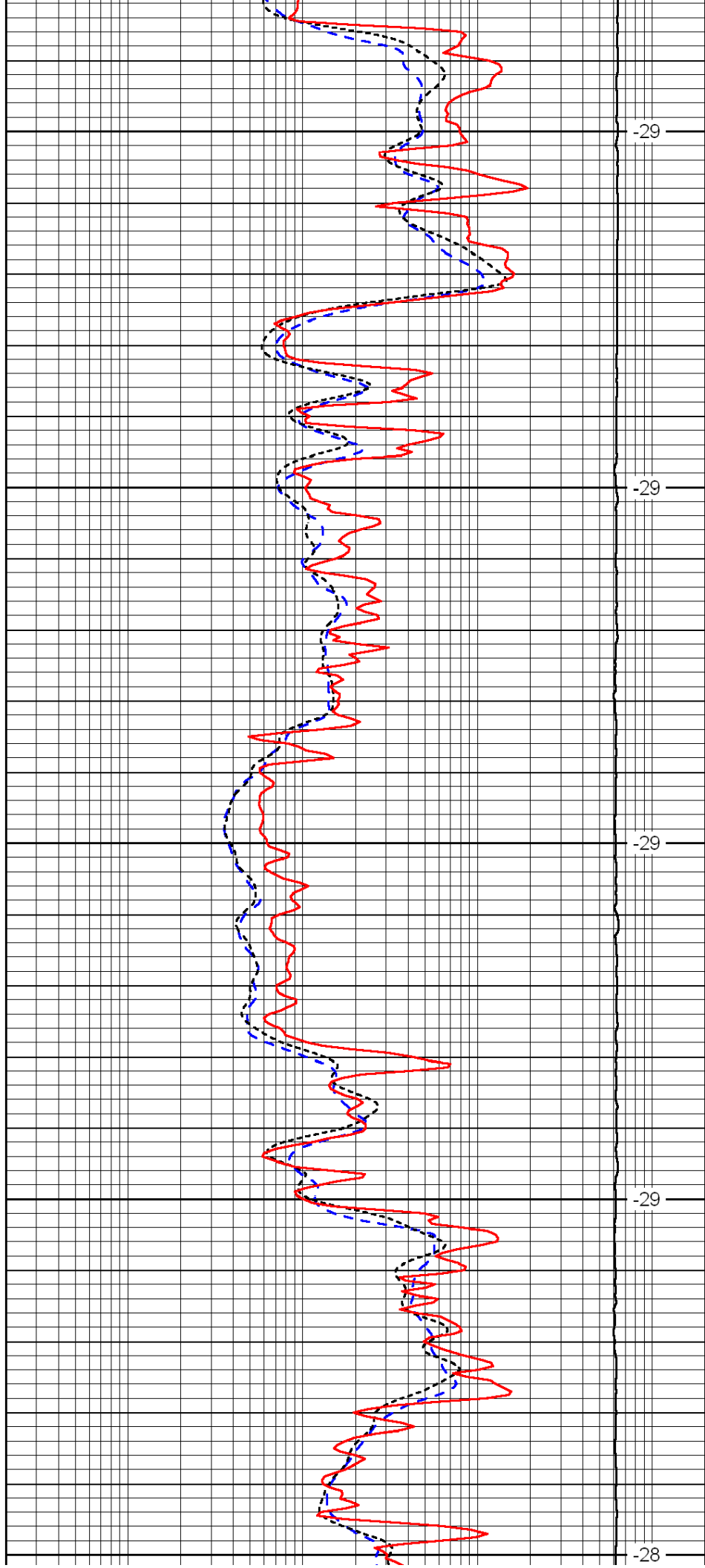
3450

3500

3550

3600

3650



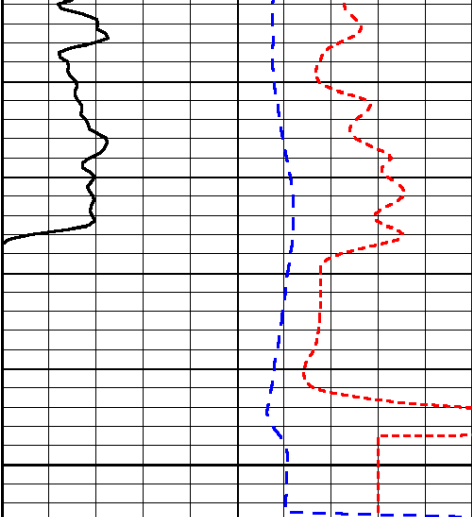
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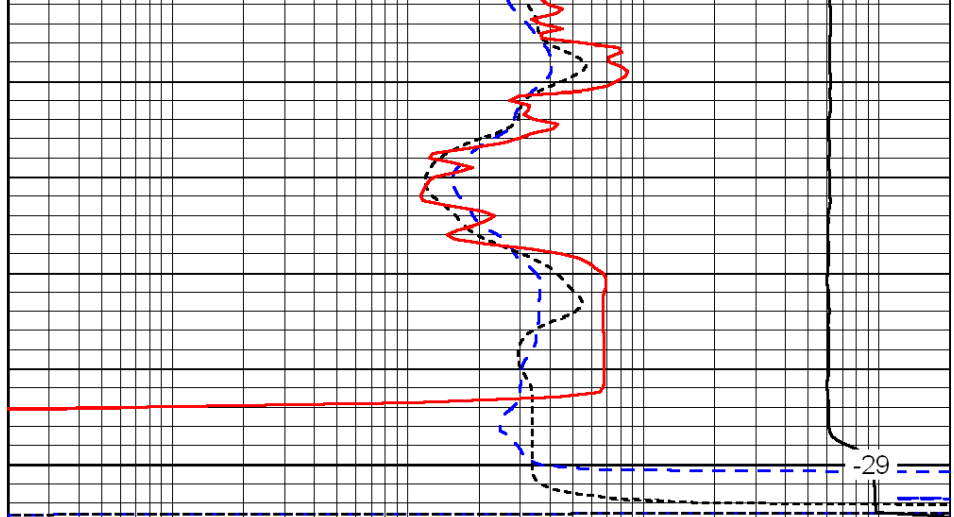
-29

-28



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

3700



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

LSPD