



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Novy Oil Company		
	Well Ravenstein No. 1		
	Field Klaver		
	County Kingman	State	Kansas
15-095-22,222-00-00	Location	660' FNL & 800' FEL	
	Sec: 15	Twp: 29 S	Rge: 6 W
			Other Services CNL/CDL MEL
Permanent Datum	Ground Level	Elevation 1518	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 1528 D.F. 1518 G.L. 1518	
Date	7/1/2011		
Run Number	One		
Depth Driller	4108		
Depth Logger	4106		
Bottom Logged Interval	4105		
Top Log Interval	250		
Casing Driller	8.625 @ 271		
Casing Logger	264		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	7.500		
Density / Viscosity	9.3 44		
pH / Fluid Loss	10.5 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.55 @ 75		
Rmf @ Meas. Temp	.41 @ 75		
Rmc @ Meas. Temp	.74 @ 75		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.35 @ 119		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	119		
Equipment Number	4		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Macklin Armstrong		

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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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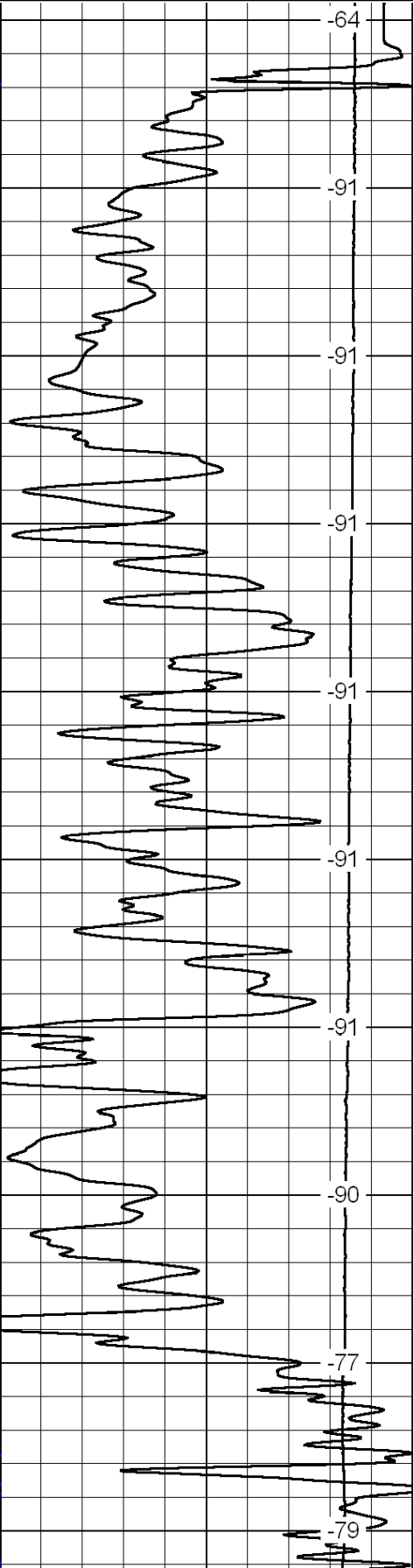
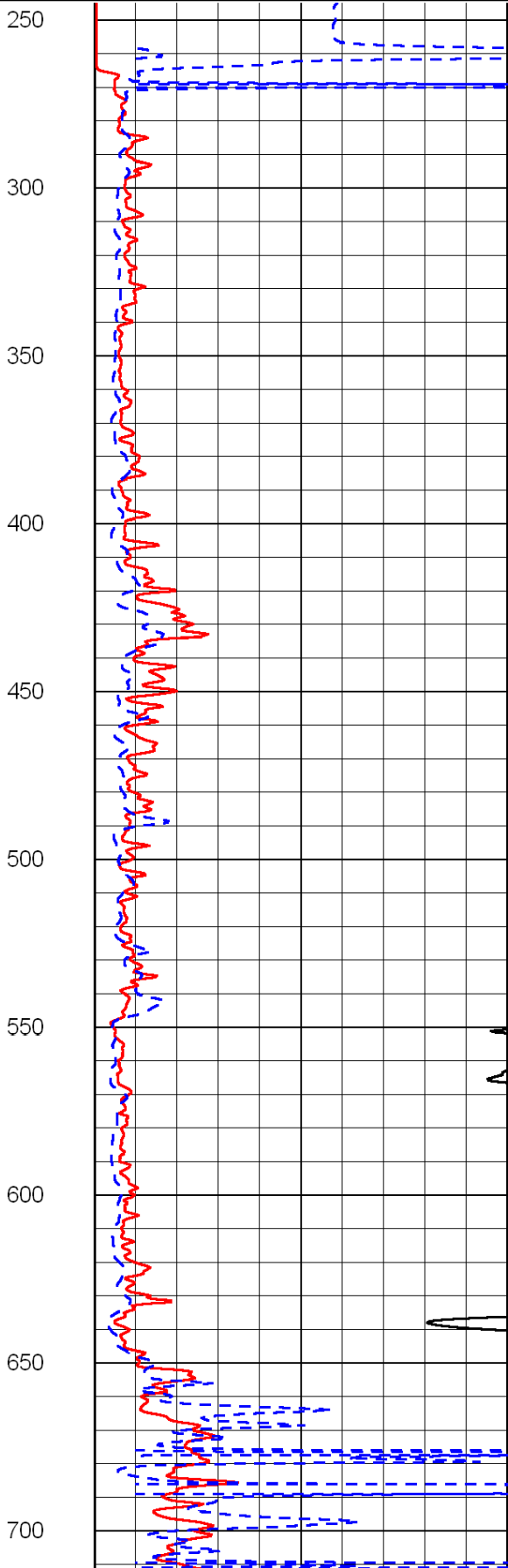
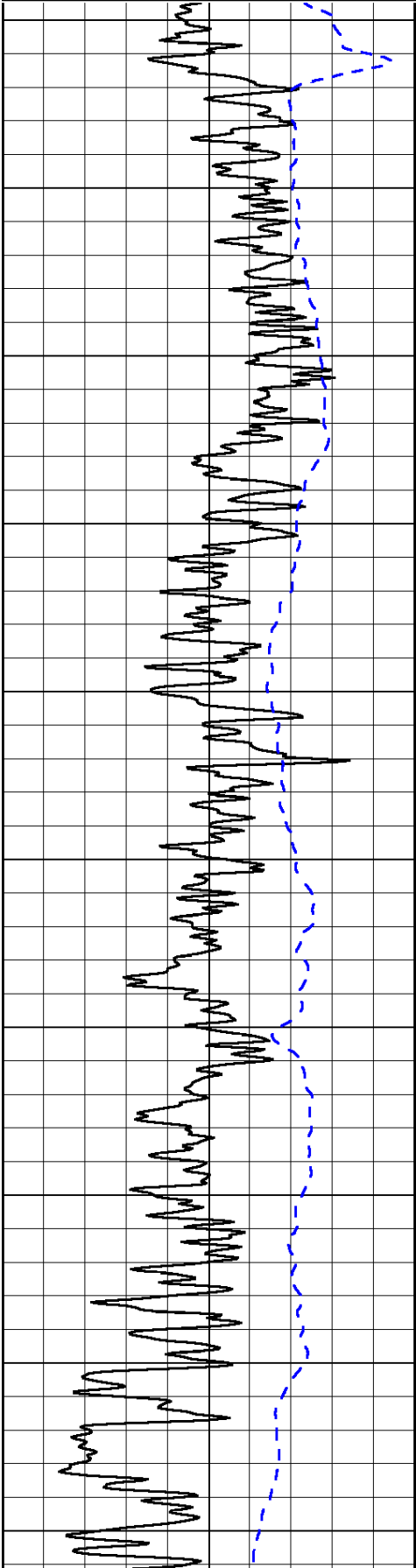
Murdock Ks, 5 S to SE 80th, 1 1/4 W to TB, S into

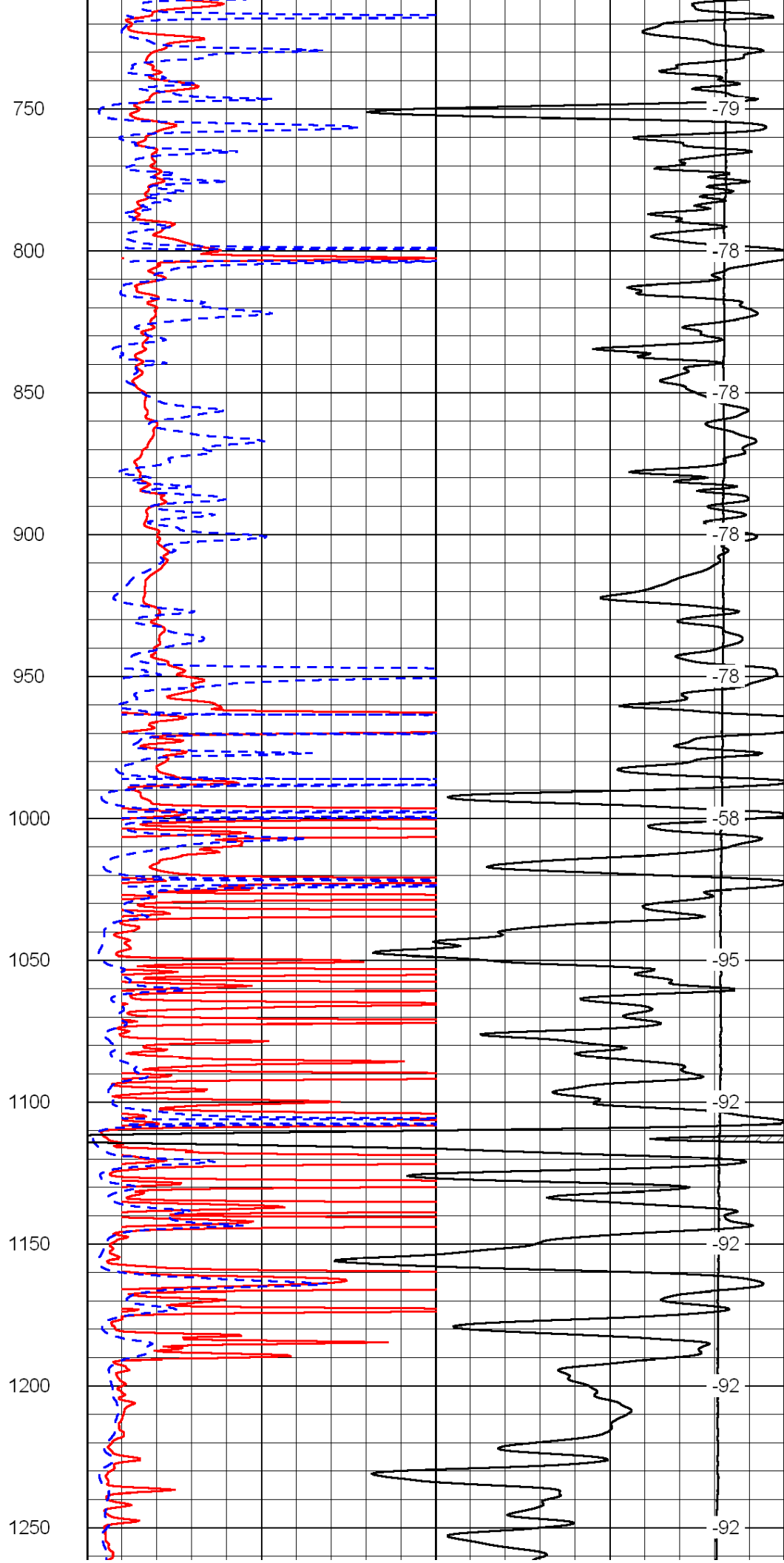
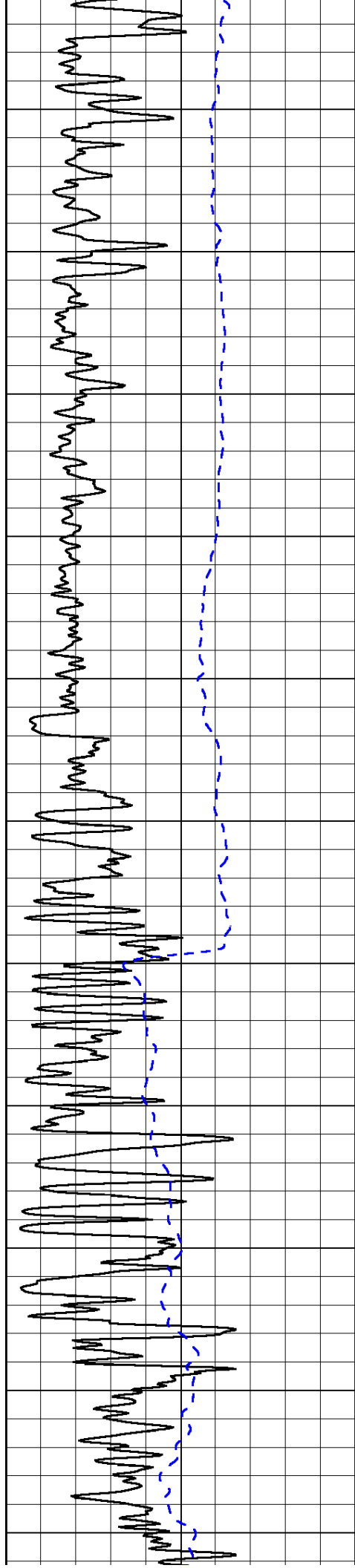
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Presentation Format: dil2in
Dataset Creation: Fri Jul 01 11:29:28 2011
Charted by: Depth in Feet scaled 1:600

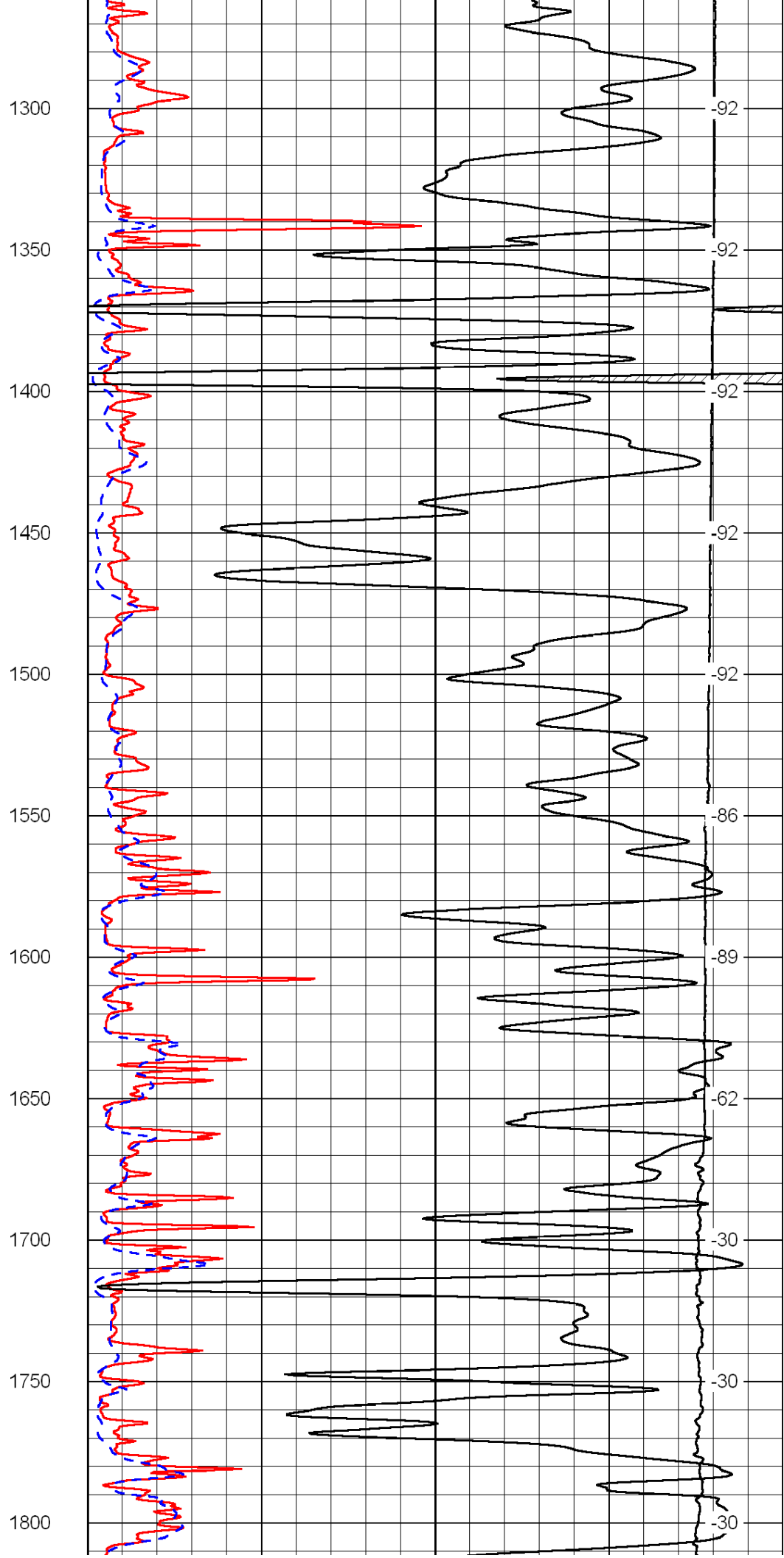
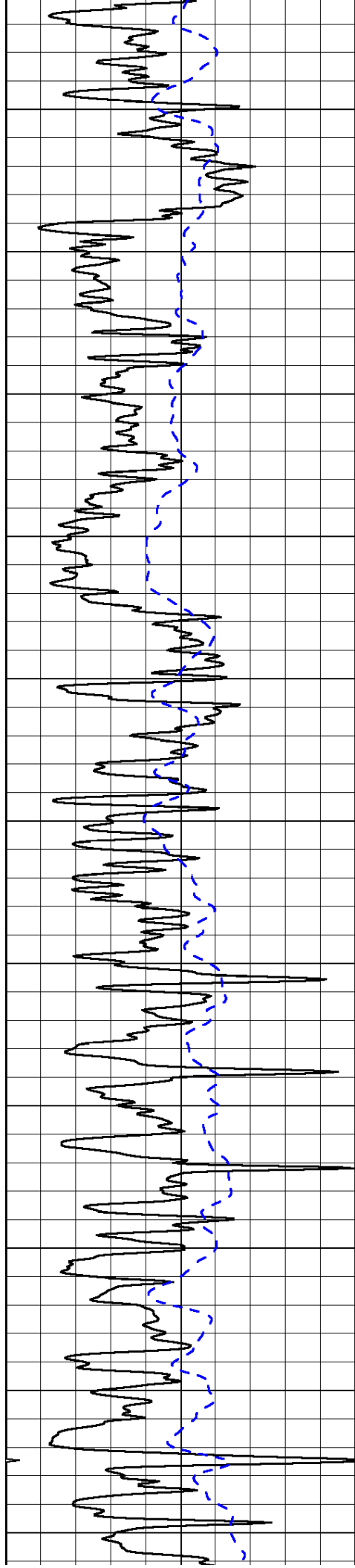
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-200	SP (mV)	0

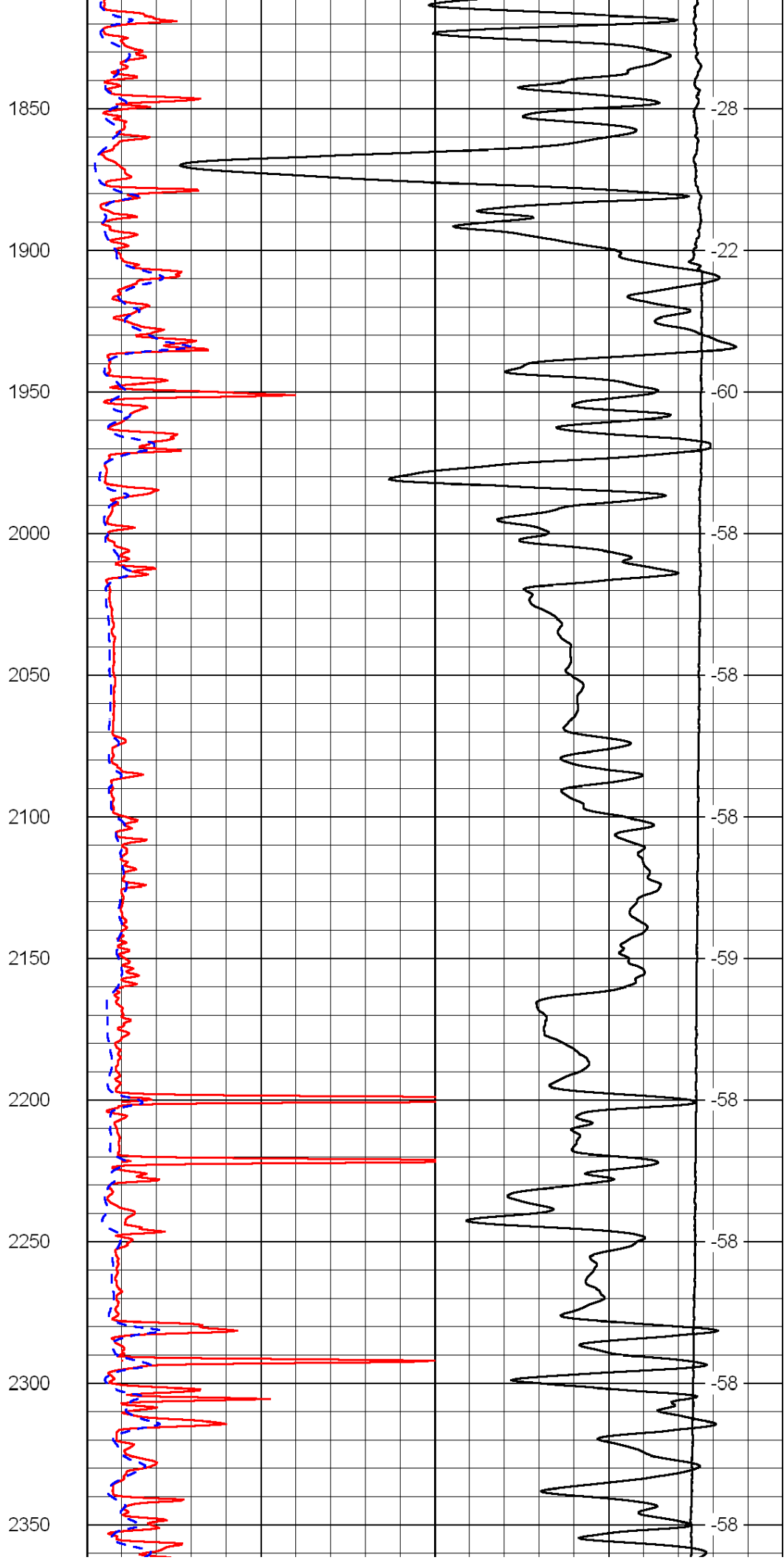
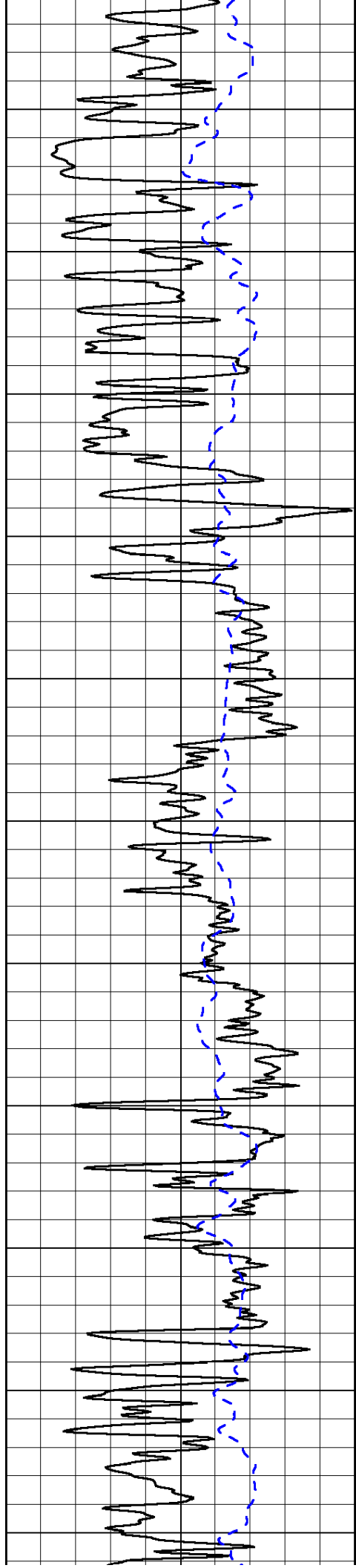
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

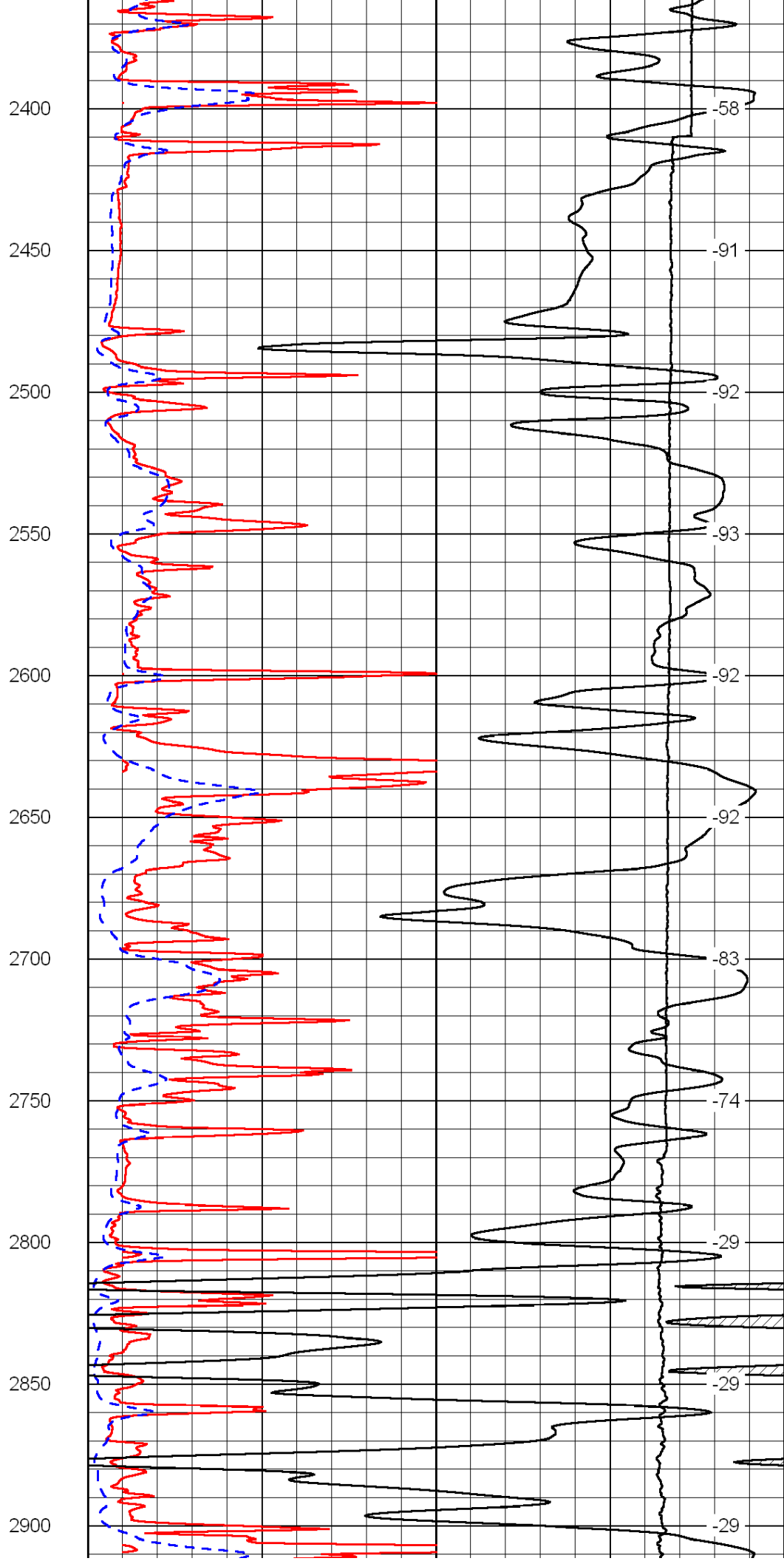
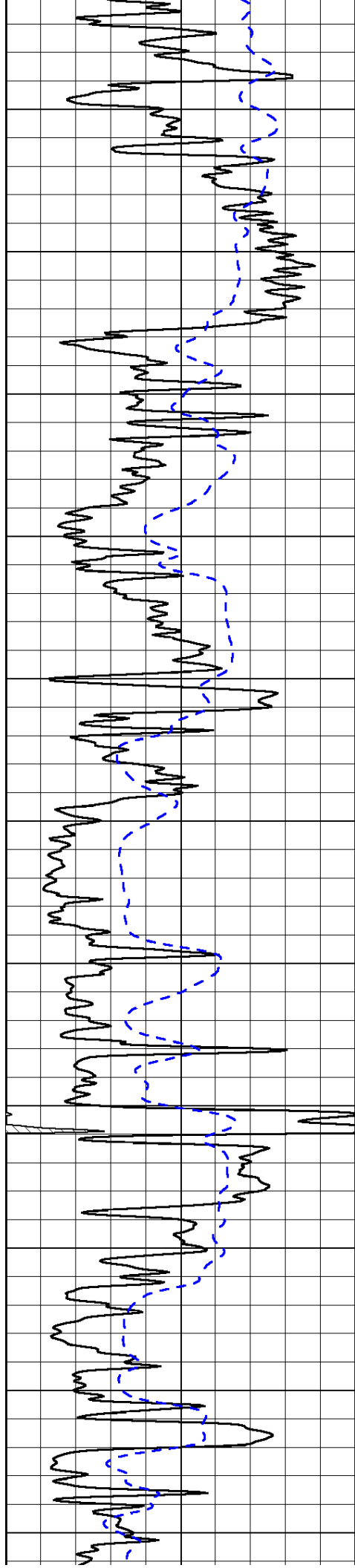
LSPD
0
0

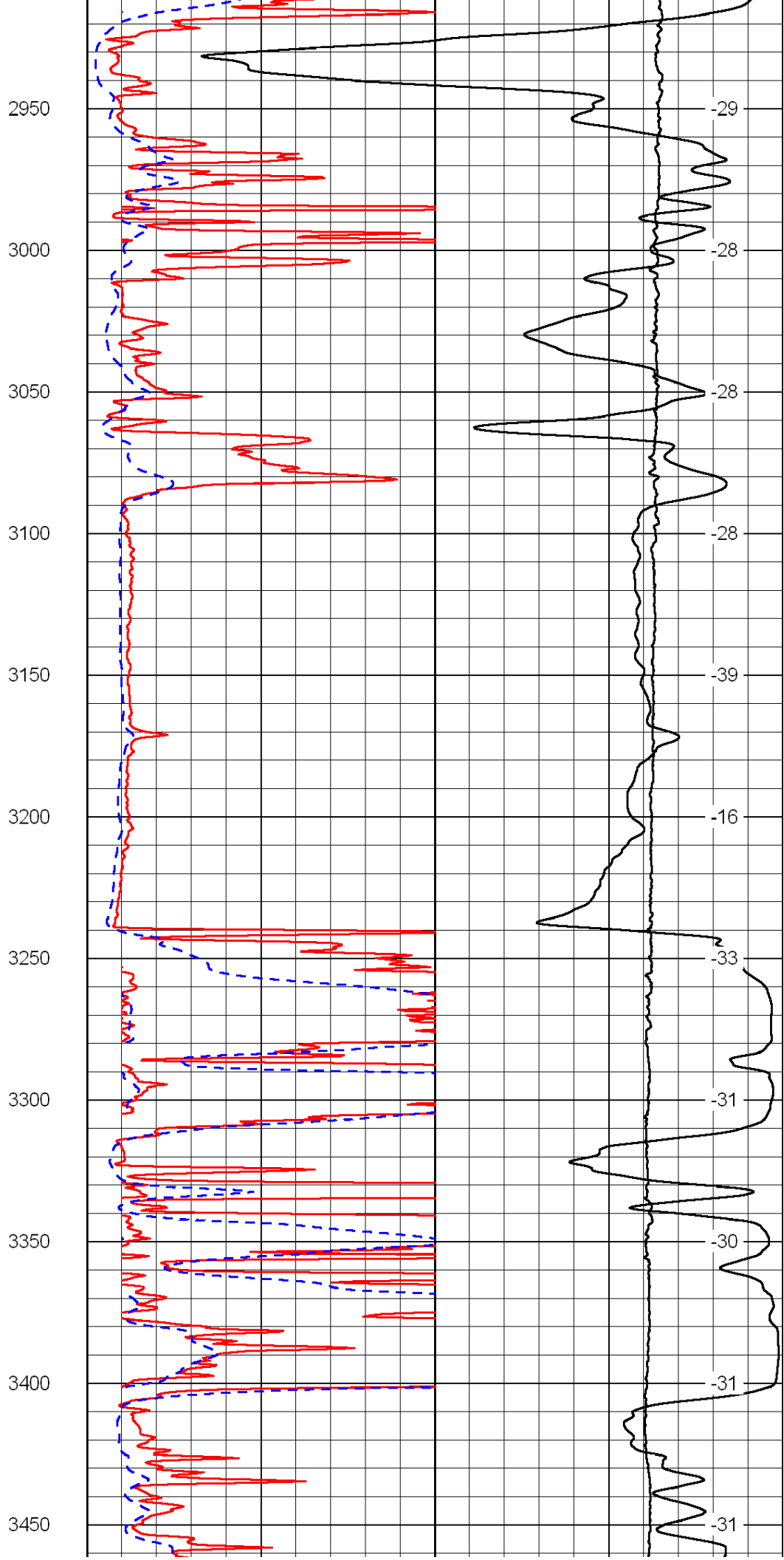
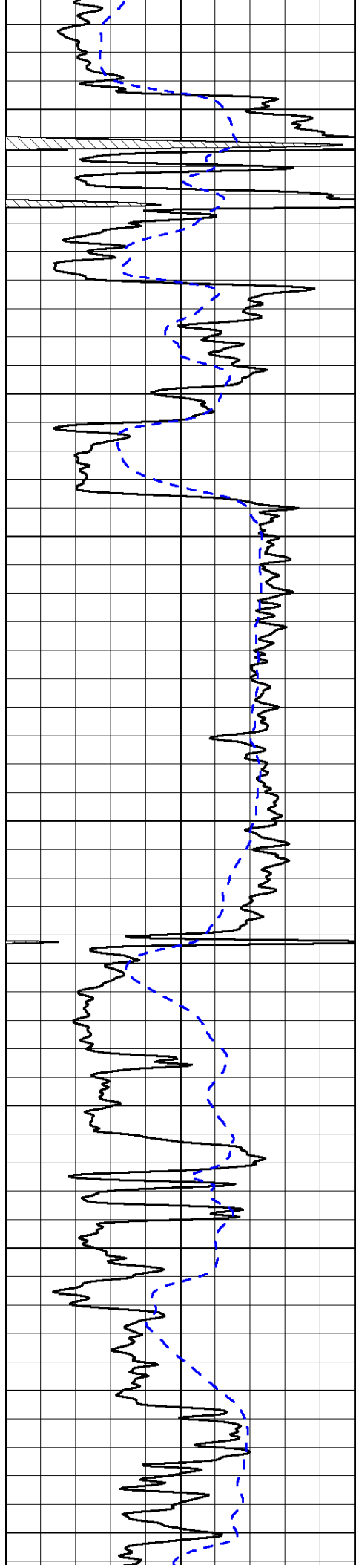


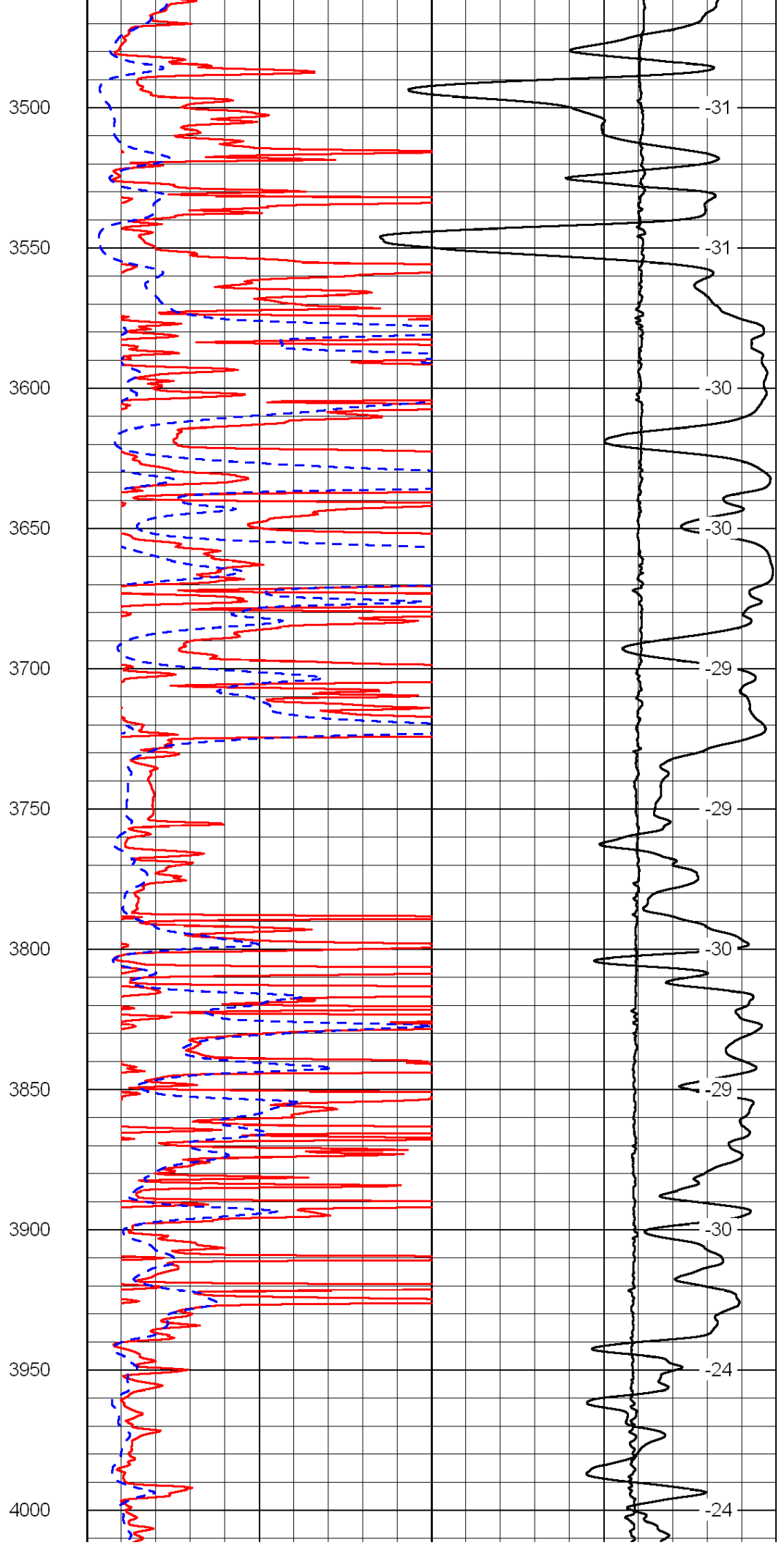
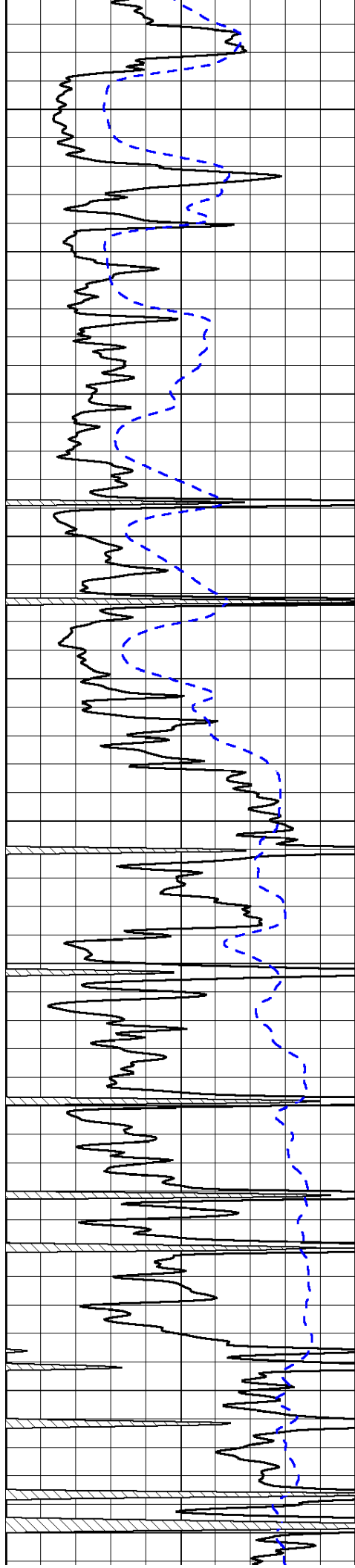


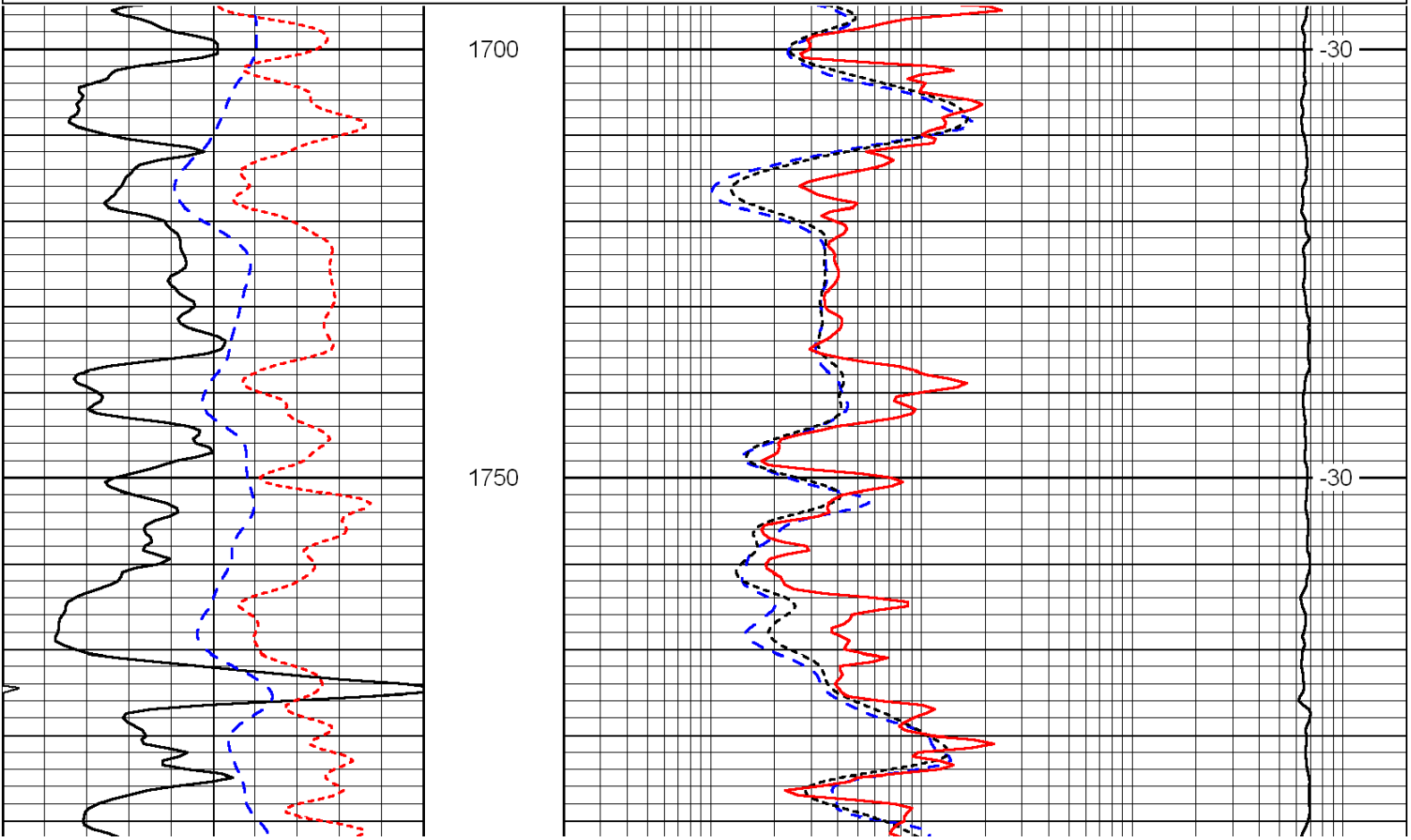
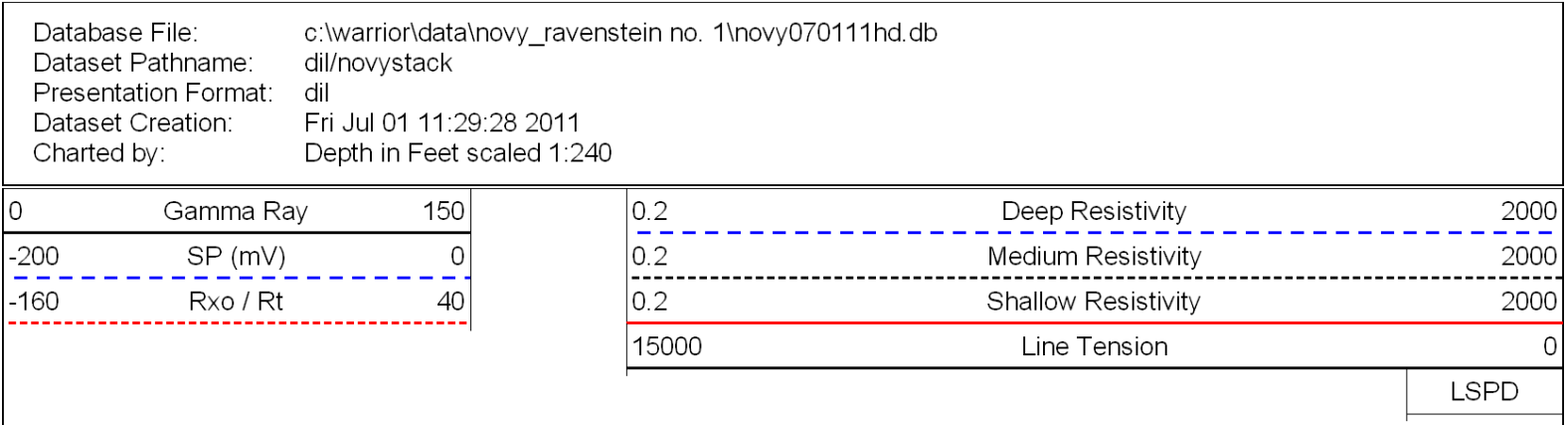
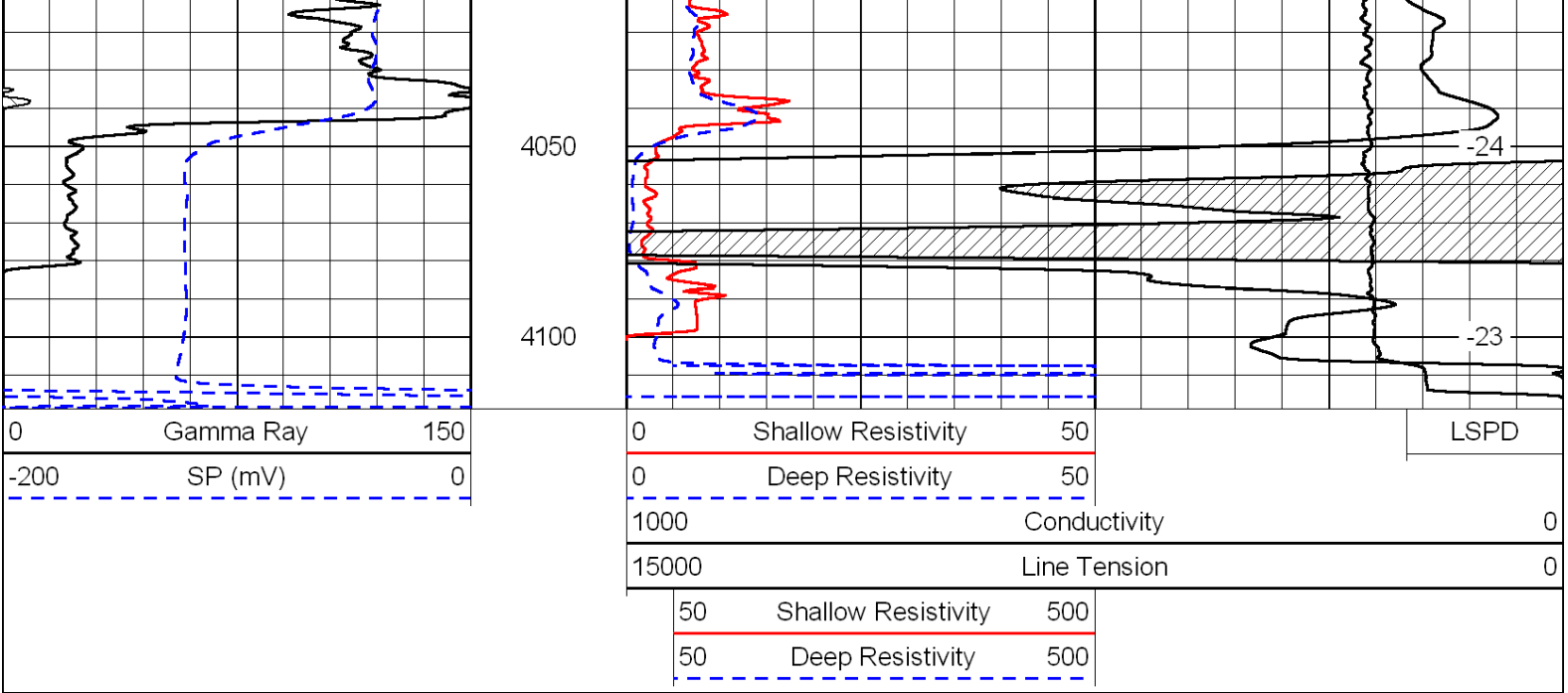


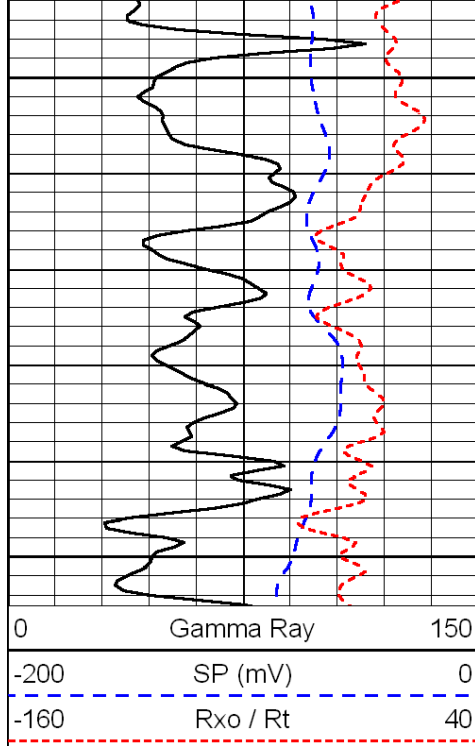








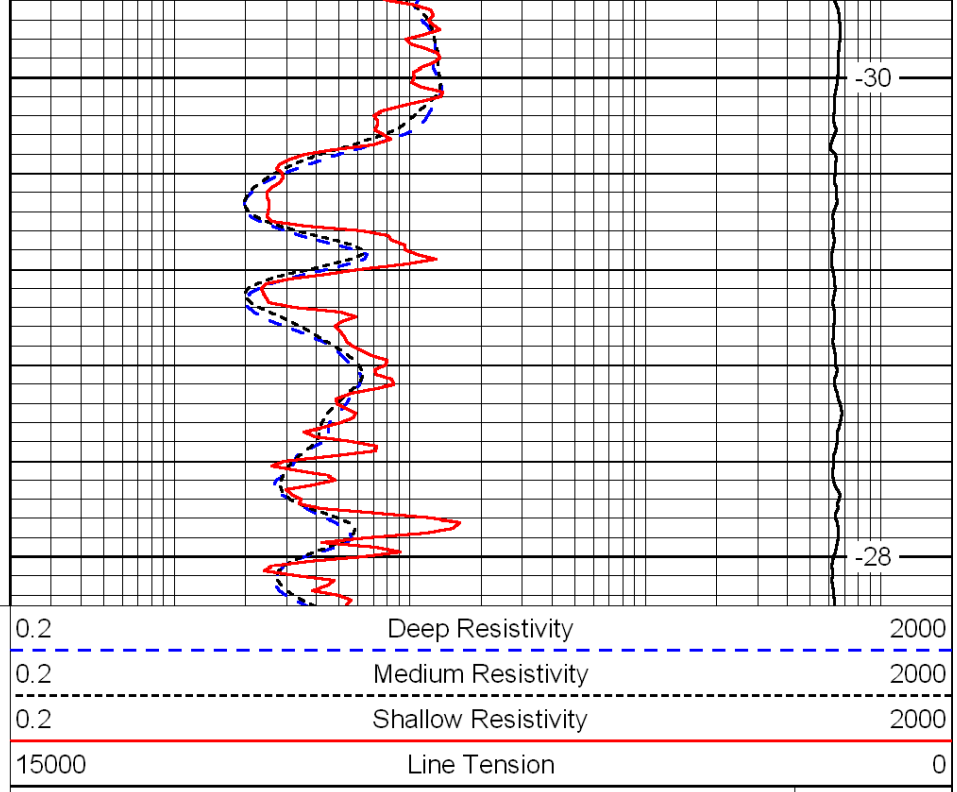




1800

1850

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



-30

-28

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

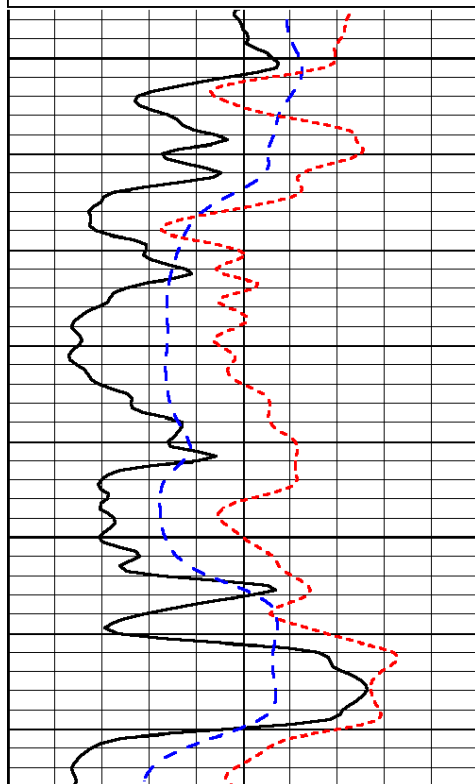
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Database File: c:\warrior\data\novy_ravenstein no. 1\novy070111hd.db
 Dataset Pathname: dil/novystack
 Presentation Format: dil
 Dataset Creation: Fri Jul 01 11:29:28 2011
 Charted by: Depth in Feet scaled 1:240

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

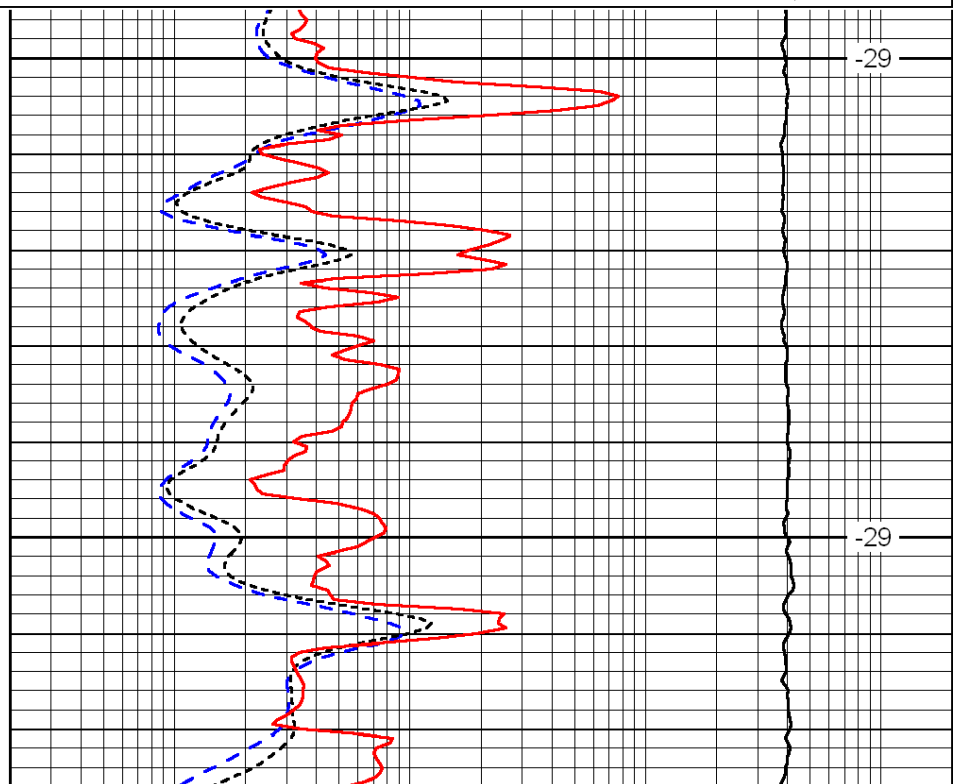
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



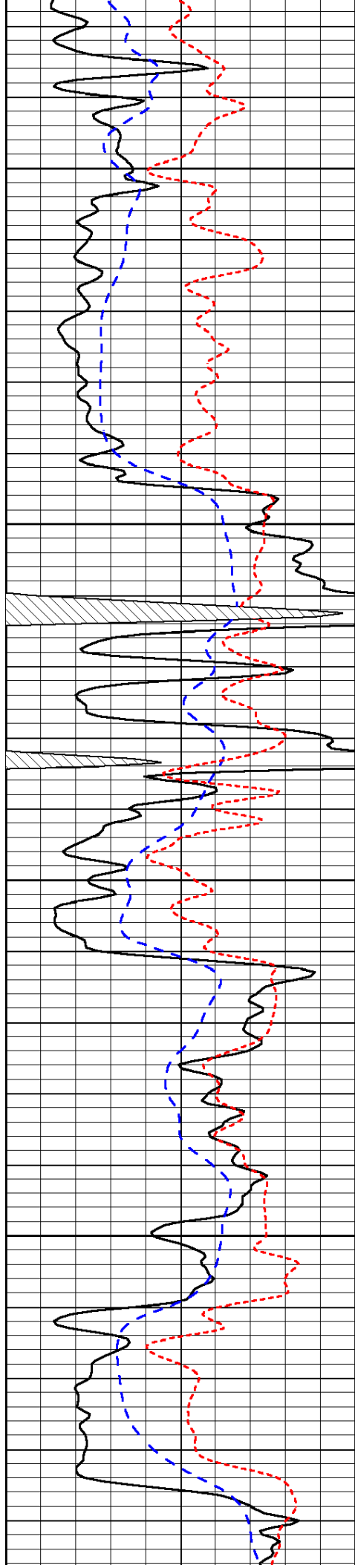
2800

2850



-29

-29

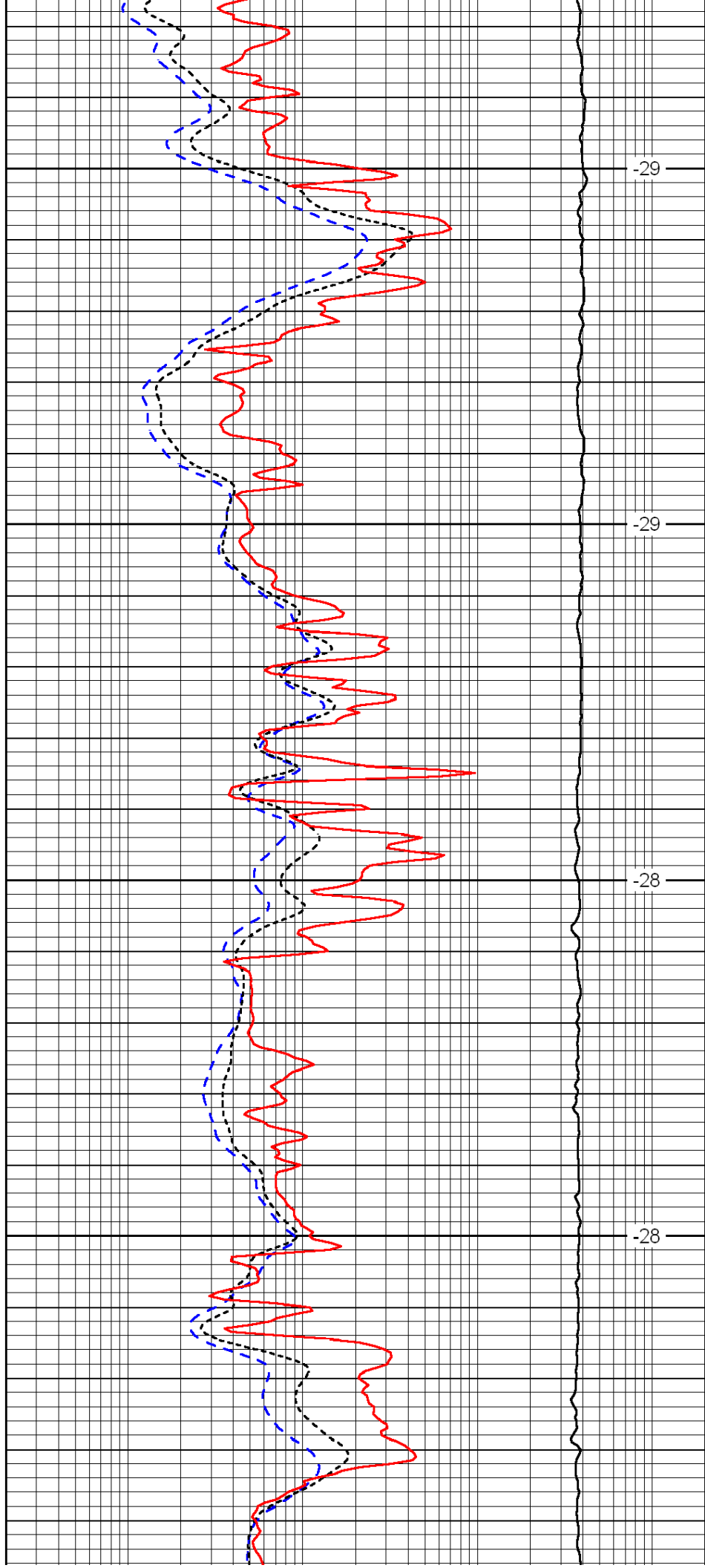


2900

2950

3000

3050

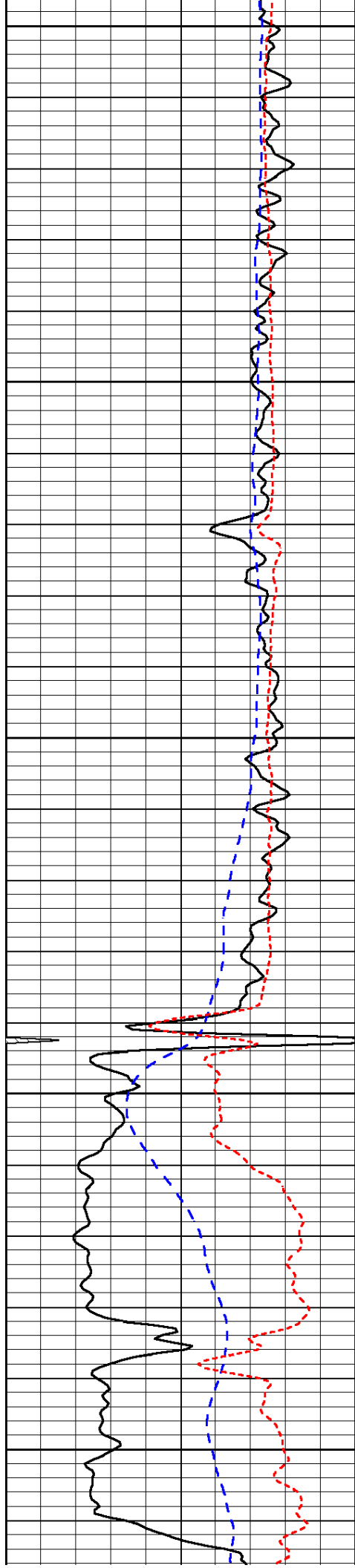


-29

-29

-28

-28



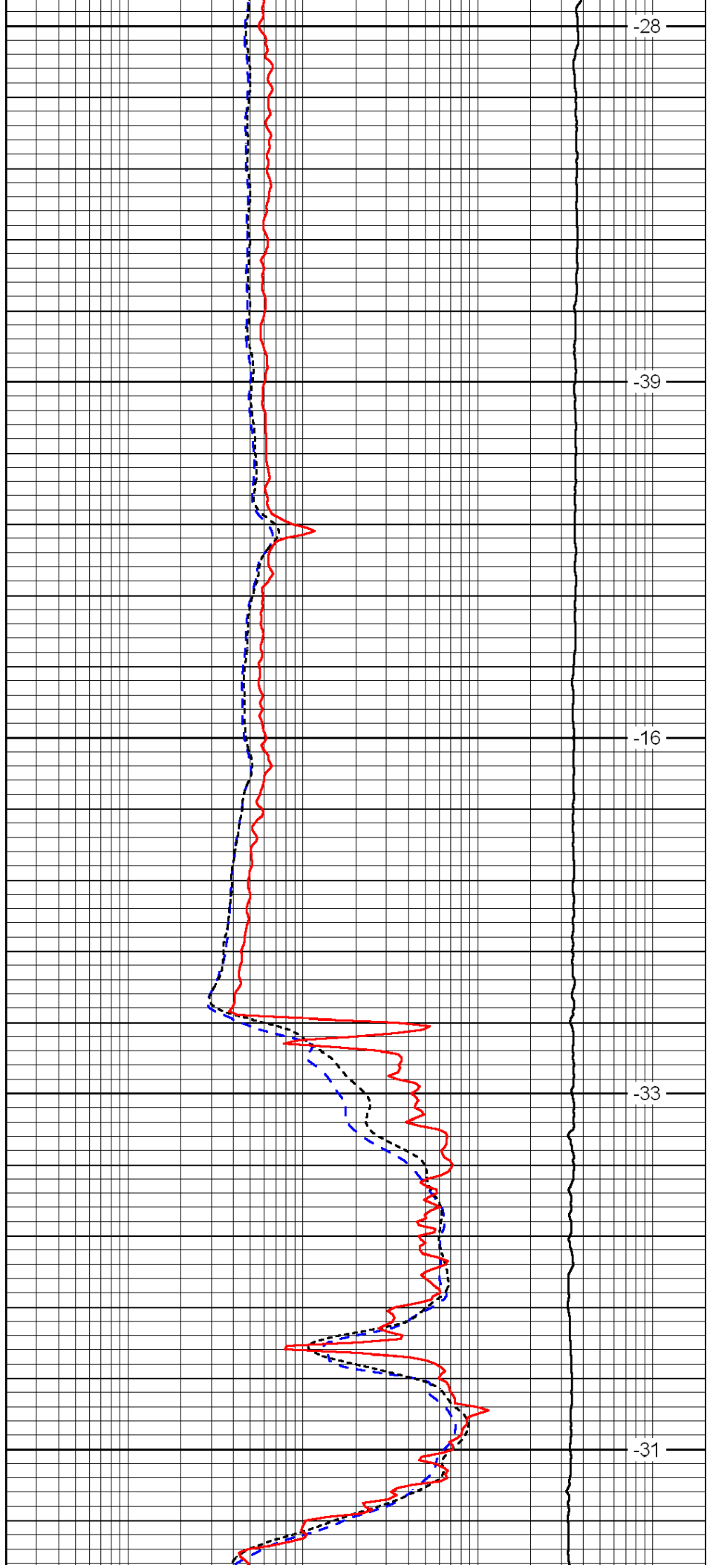
3100

3150

3200

3250

3300



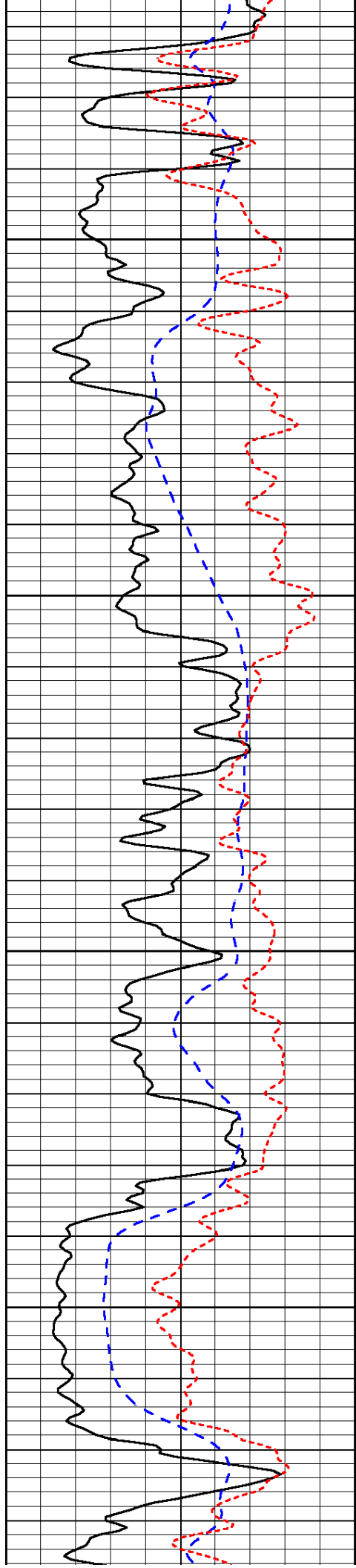
-28

-39

-16

-33

-31

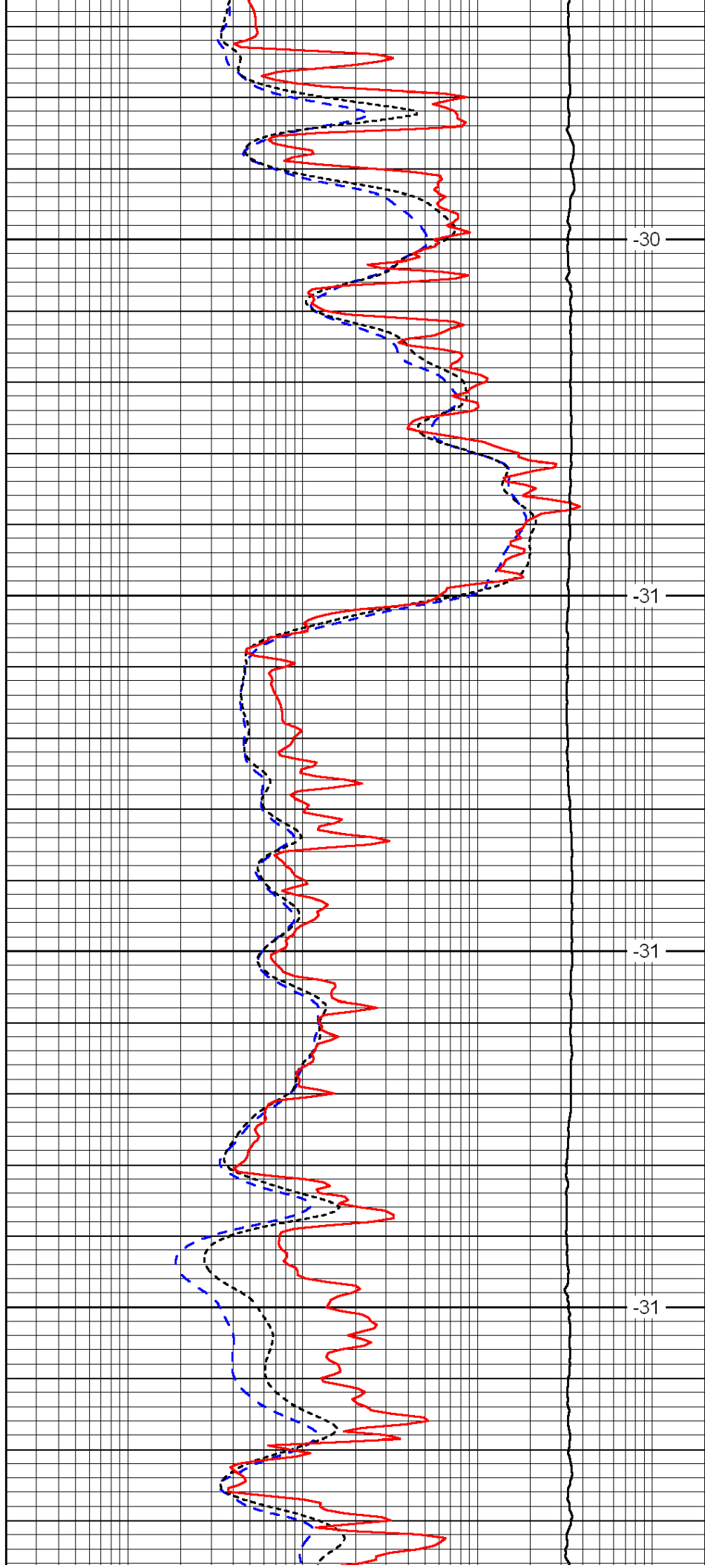


3350

3400

3450

3500

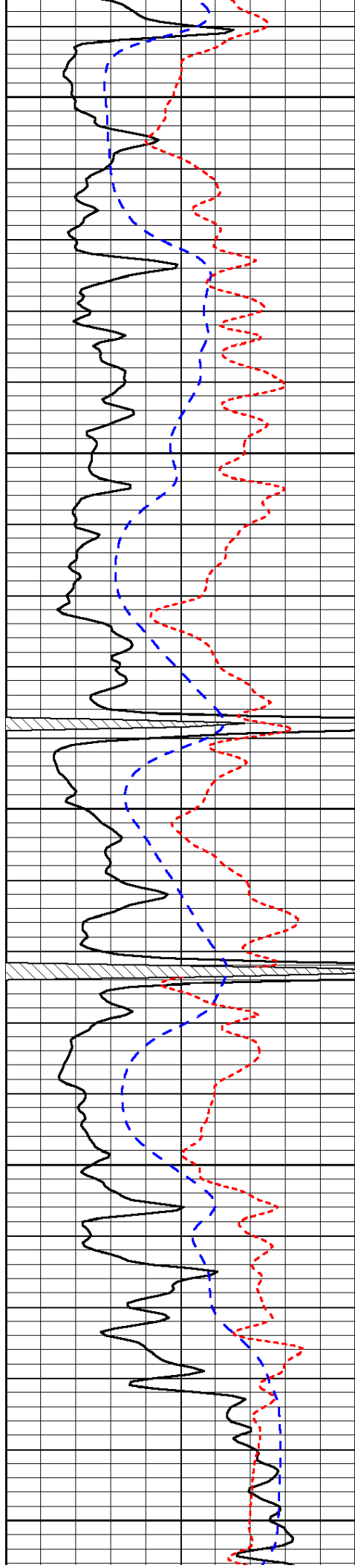


-30

-31

-31

-31



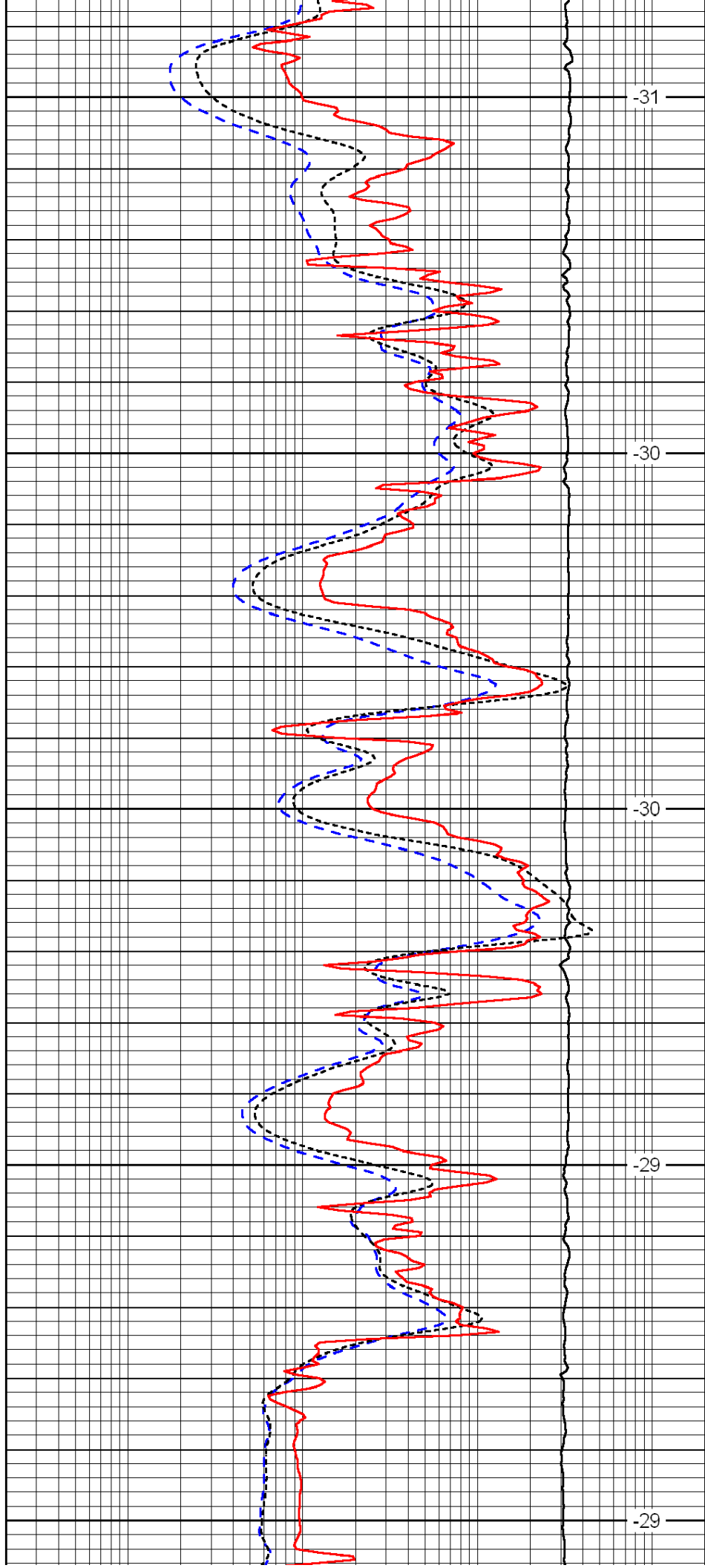
3550

3600

3650

3700

3750



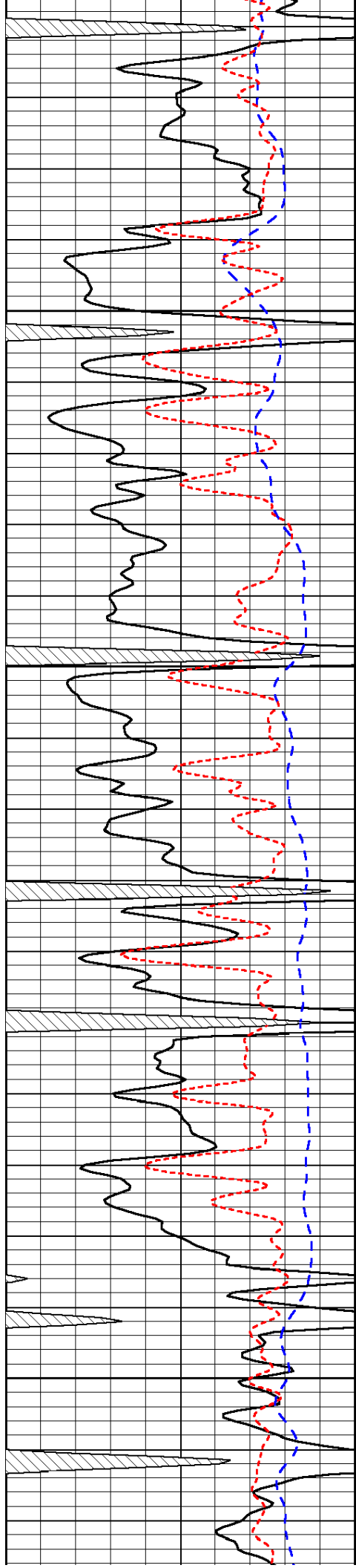
-31

-30

-30

-29

-29

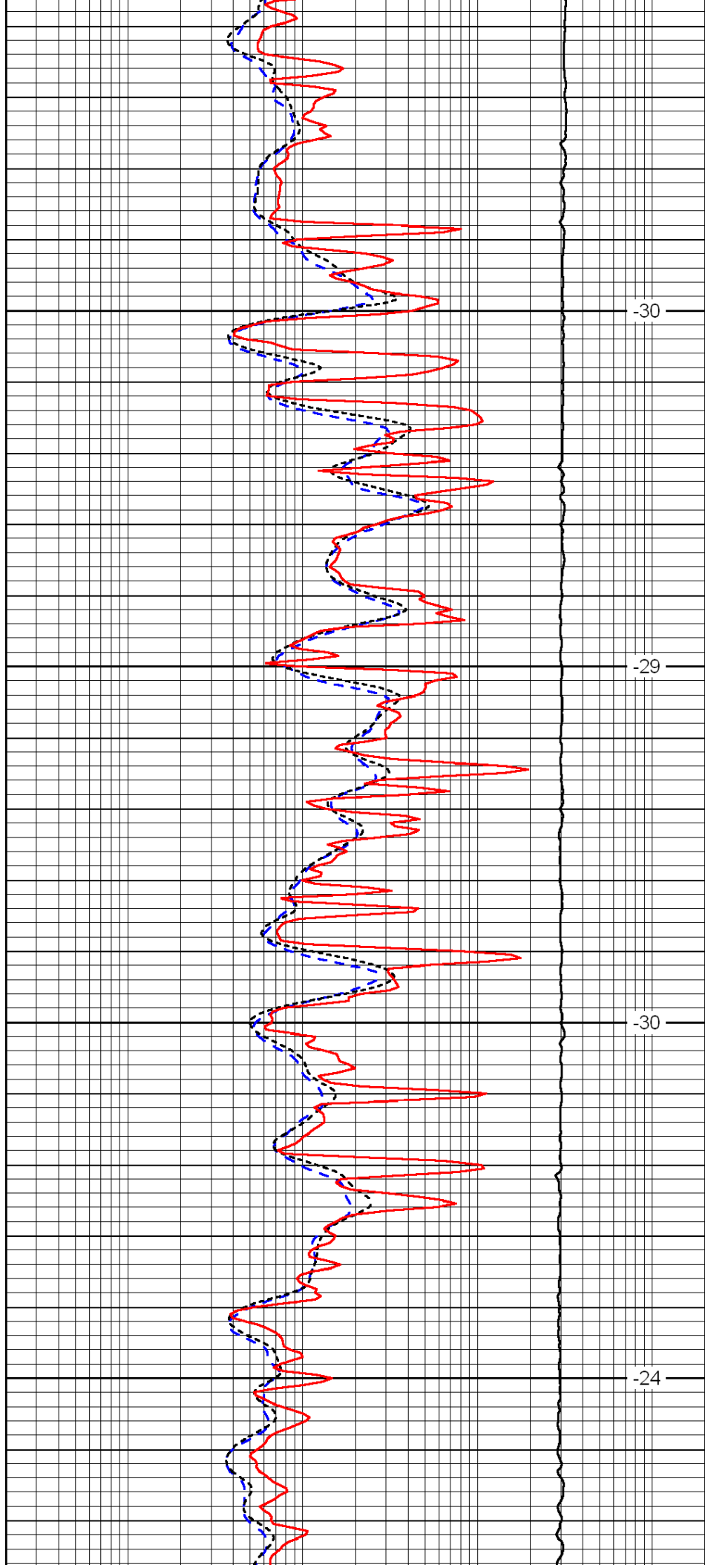


3800

3850

3900

3950

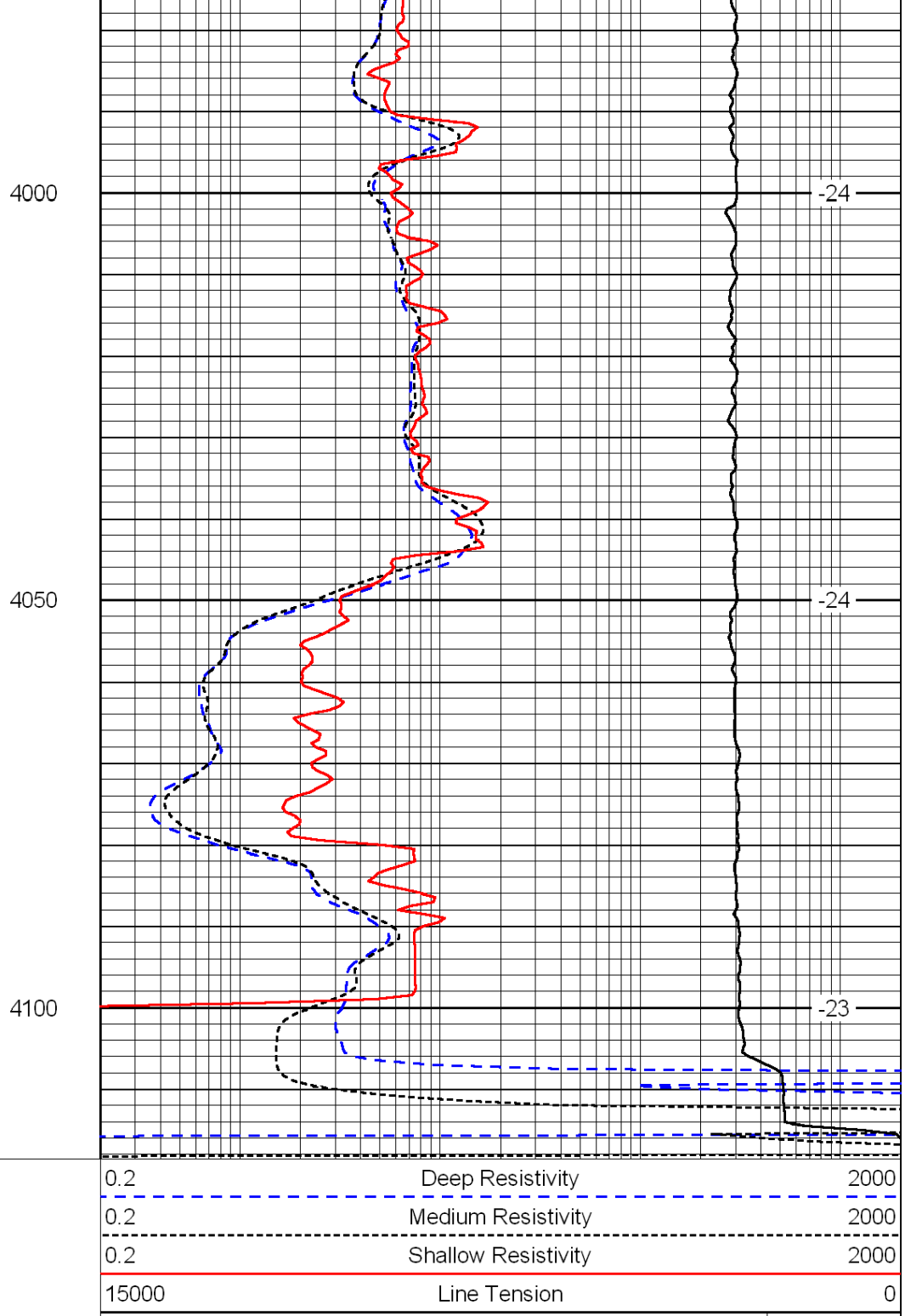
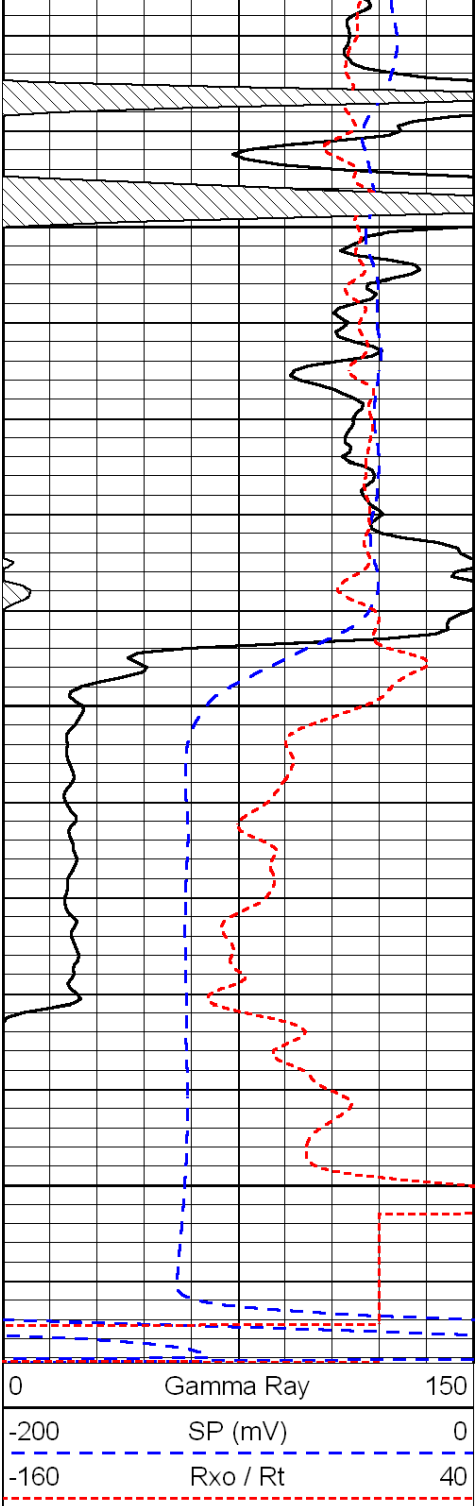


-30

-29

-30

-24



LSPD