



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company LD Drilling, Inc.		
	Well Hoelscher No. 2-1		
	Field Otis-Albert		
	County Barton	State	Kansas
15-009-25,575-00-00	Location NW SE NE SW 1830' FSL & 2000' FWL	Other Services CNL/CDL MEL/BHCS	
	Sec: 1 Twp: 19 S	Rge: 15 W	Elevation K.B. 1982 D.F. 1977 G.L. 1977
Permanent Datum	Ground Level	Elevation 1977	
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	7/4/2011		
Run Number	One		
Depth Driller	3695		
Depth Logger	3693		
Bottom Logged Interval	3692		
Top Log Interval	950		
Casing Driller	8.625 @ 951		
Casing Logger	955		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8000		
Density / Viscosity	9.3 64		
pH / Fluid Loss	8.0 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.47 @ 88		
Rmf @ Meas. Temp	.35 @ 88		
Rmc @ Meas. Temp	.63 @ 88		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.37 @ 113		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	113		
Equipment Number	10		
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

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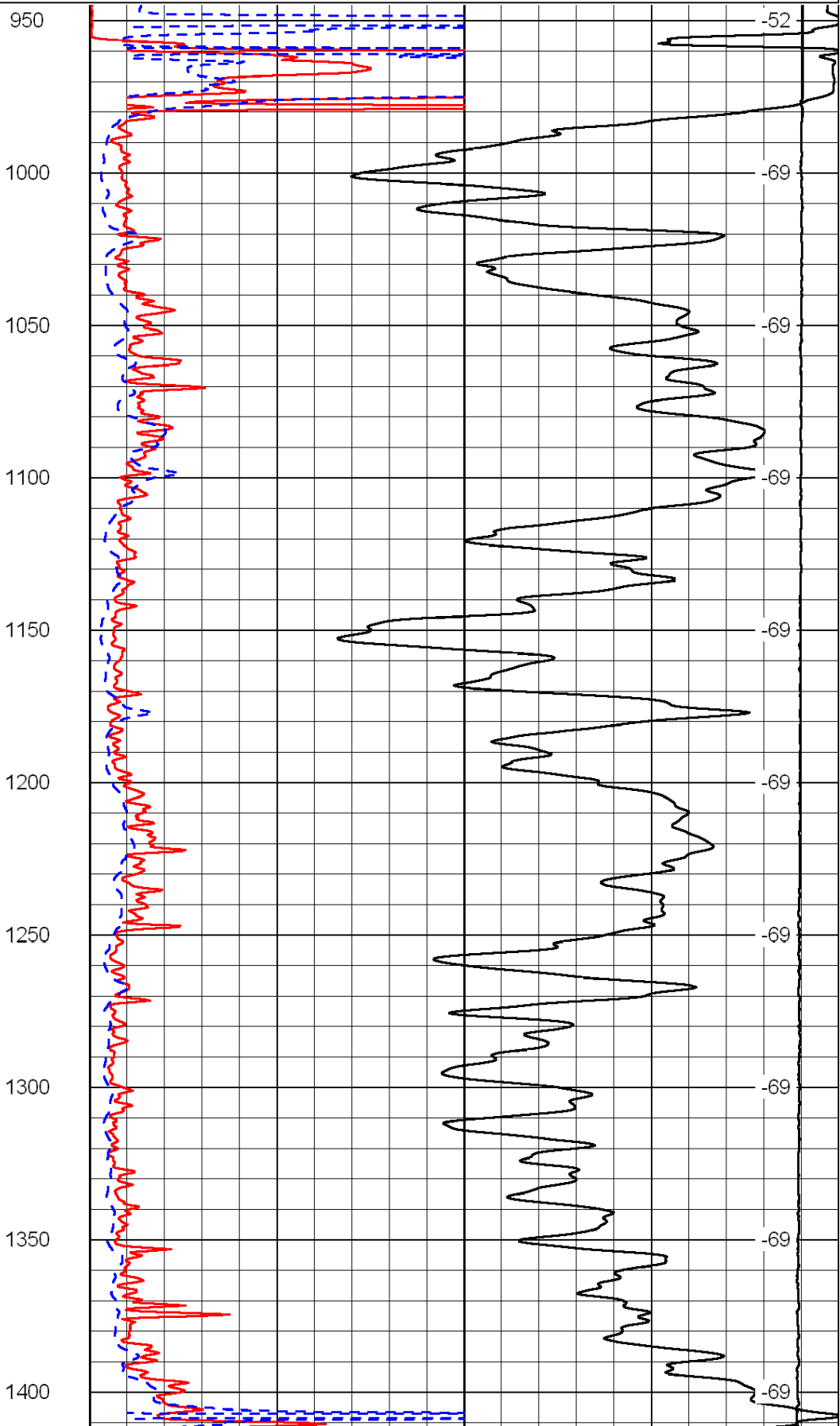
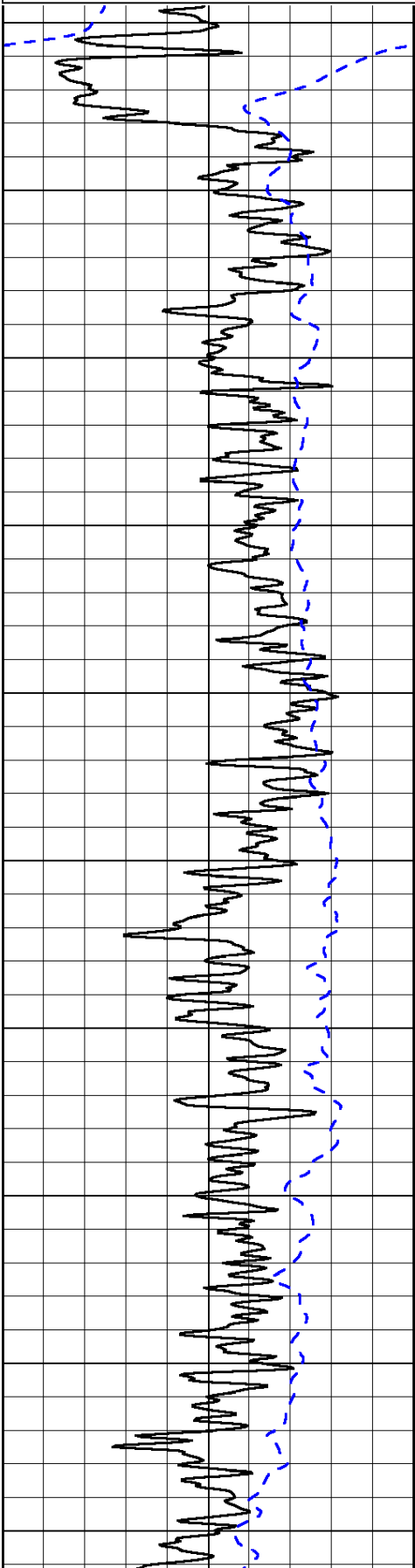
Heizer KS, 2 West to NW 90th RD,
1 South, 1/4 West, North Into

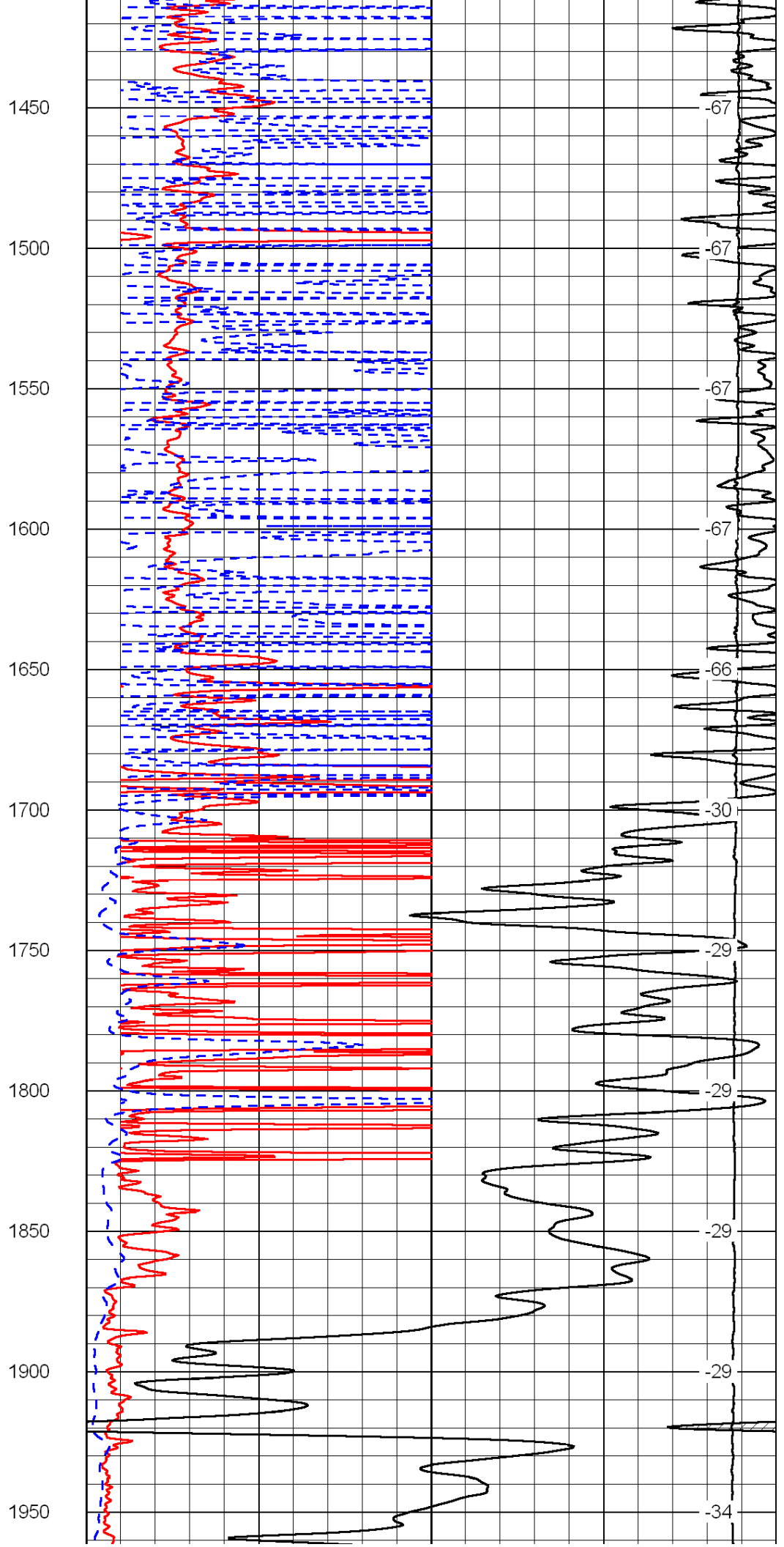
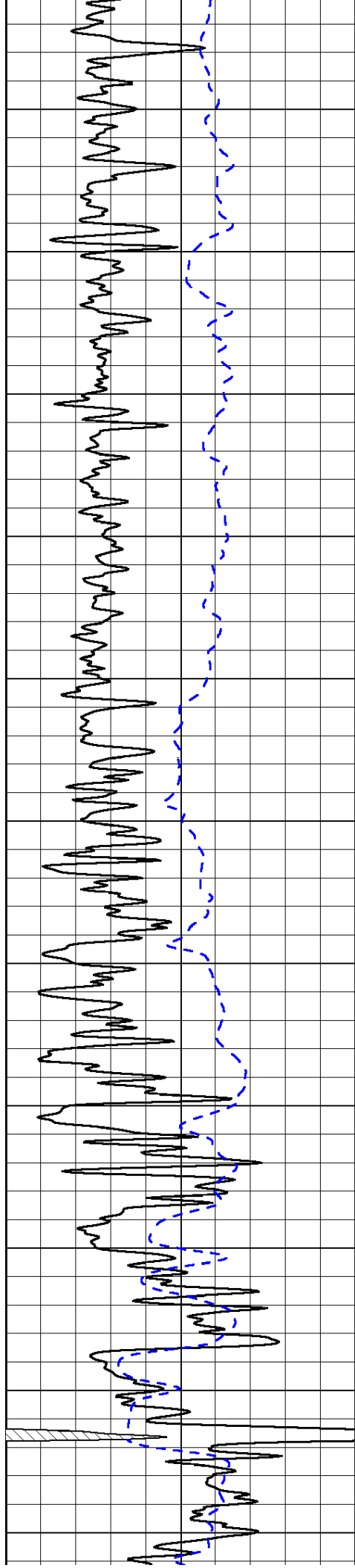
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Presentation Format: dil2in
Dataset Creation: Mon Jul 04 13:41:40 2011
Charted by: Depth in Feet scaled 1:600

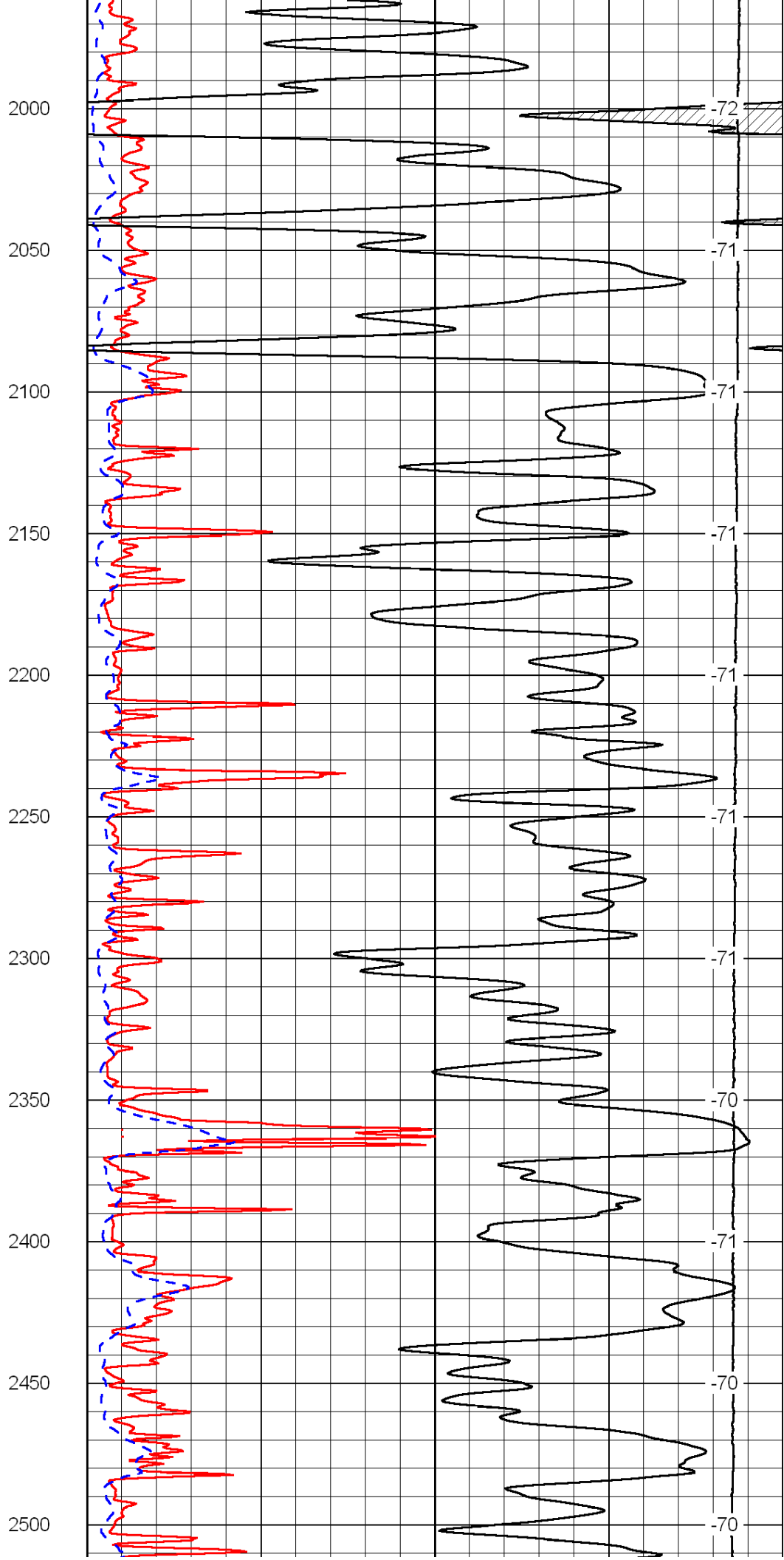
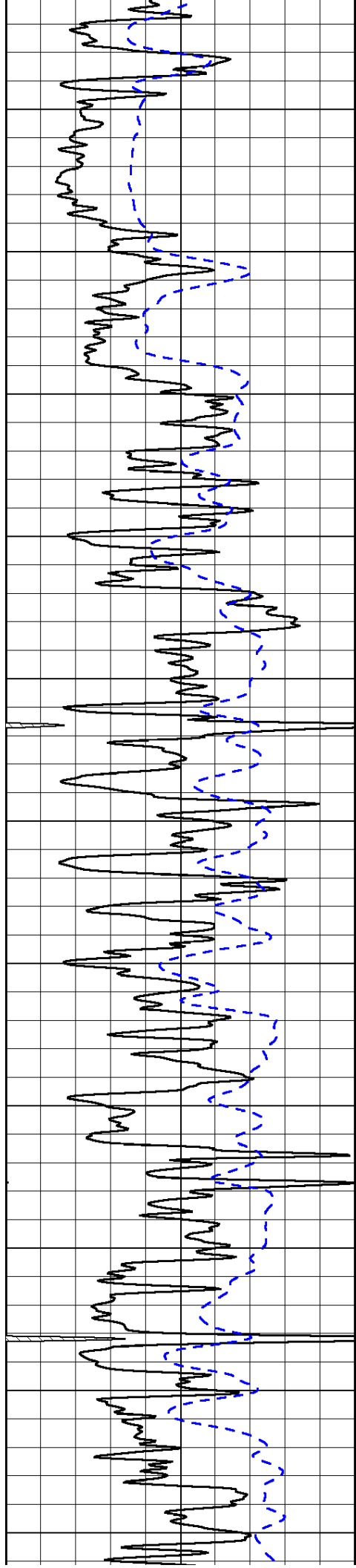
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-200	SP (mV)	0

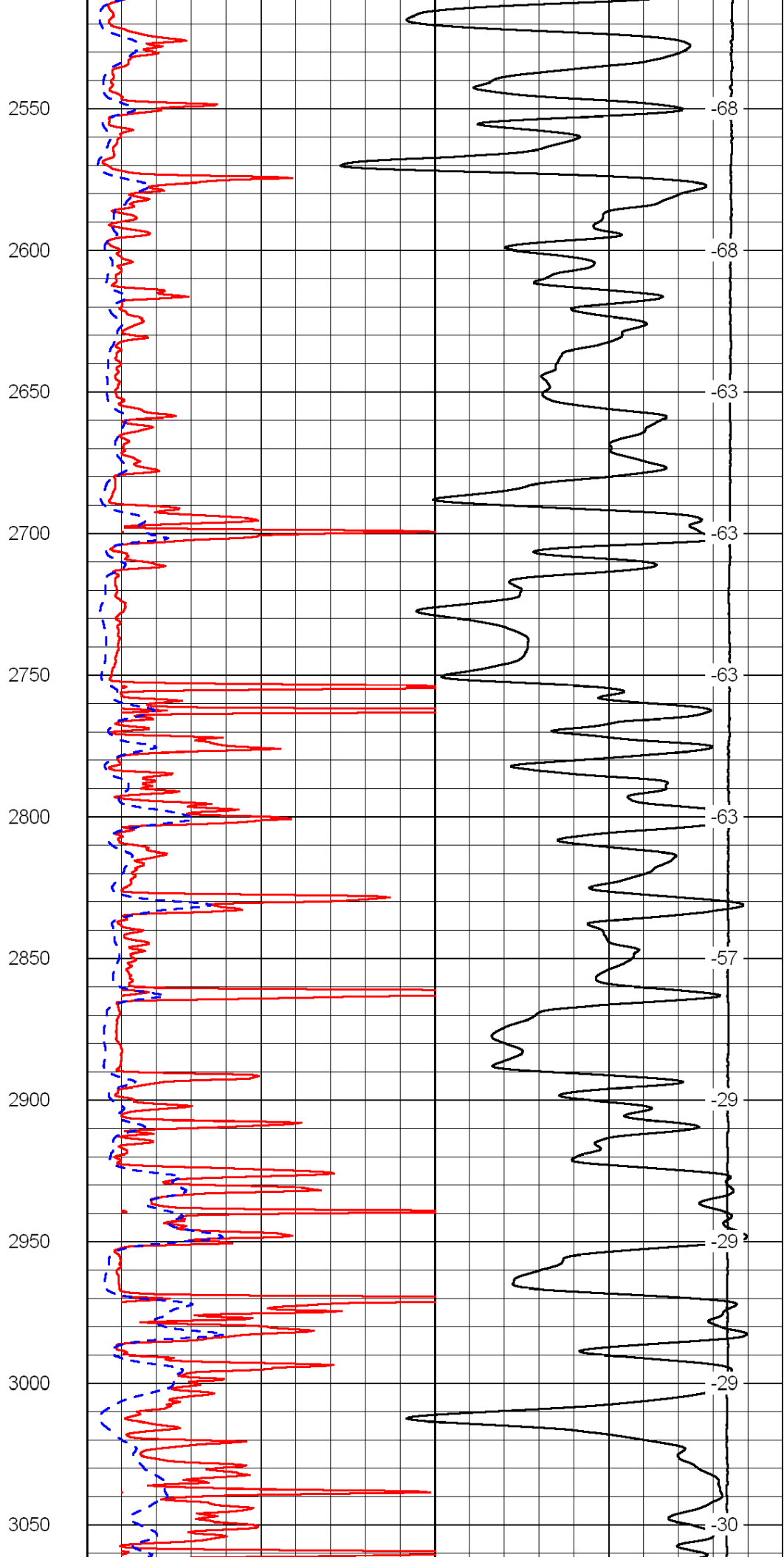
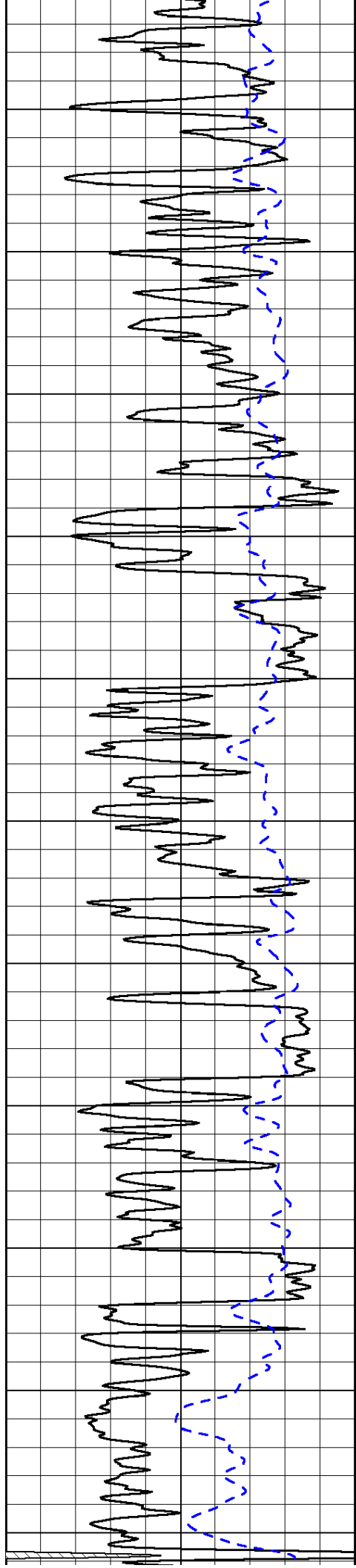
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

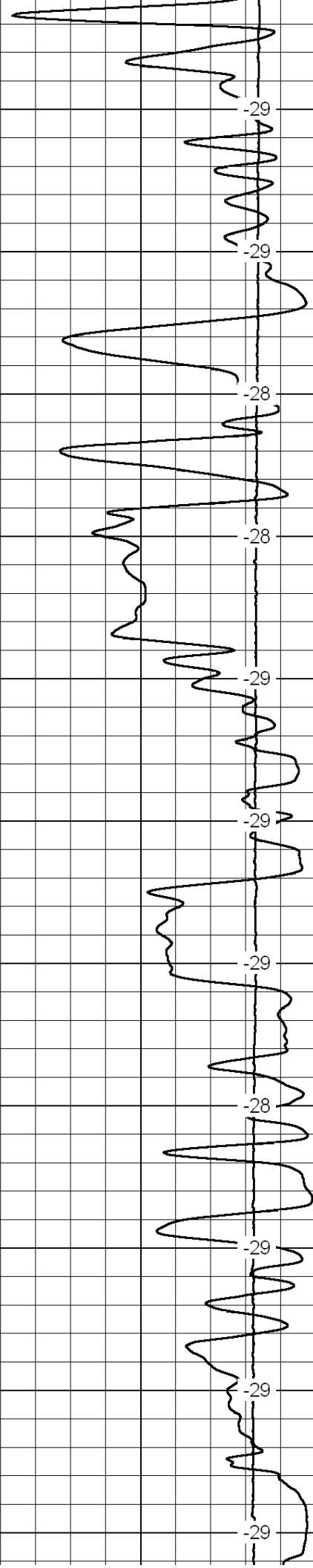
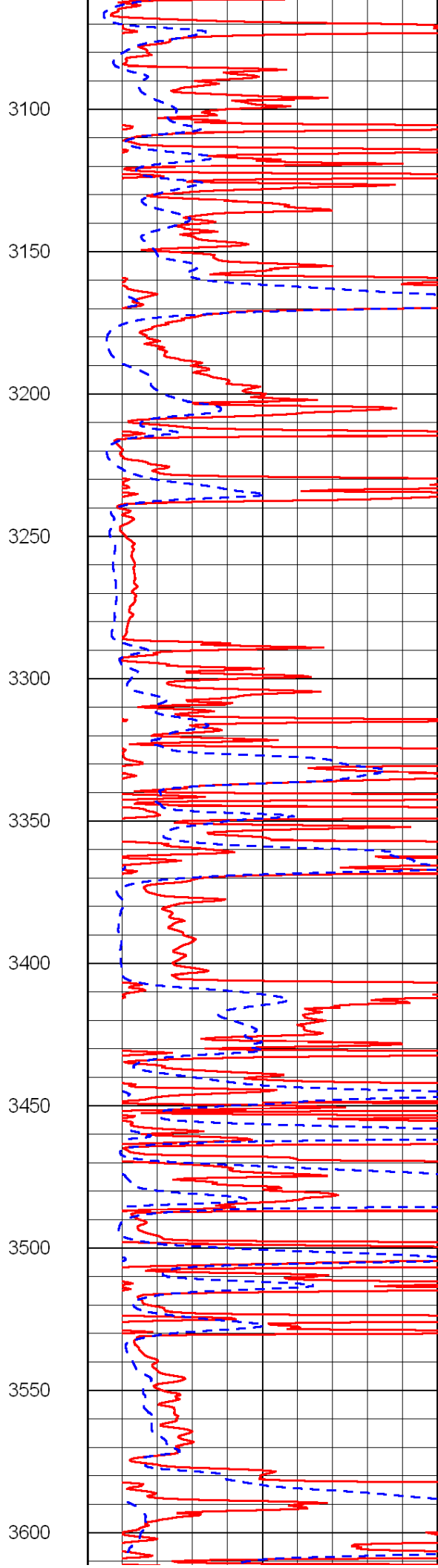
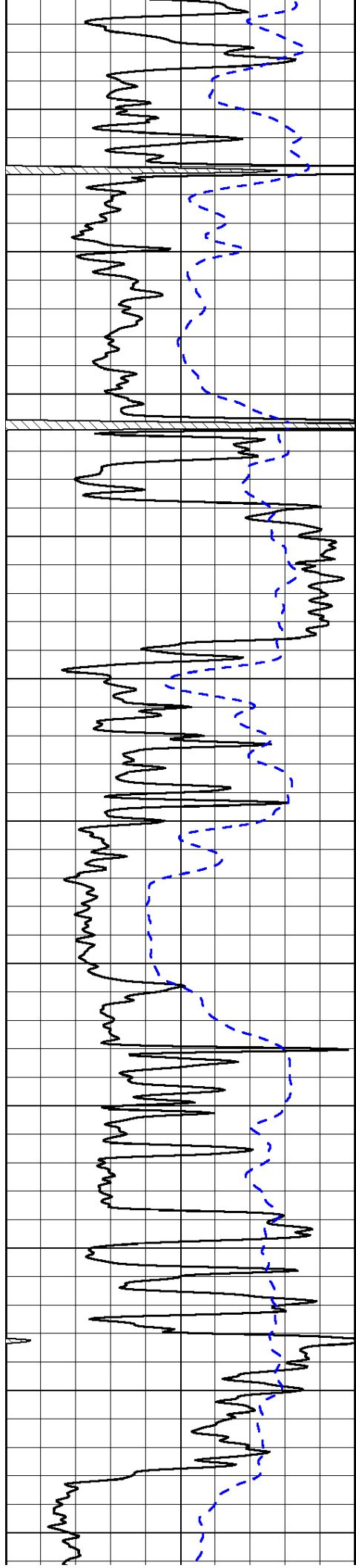
LSPD
0
0

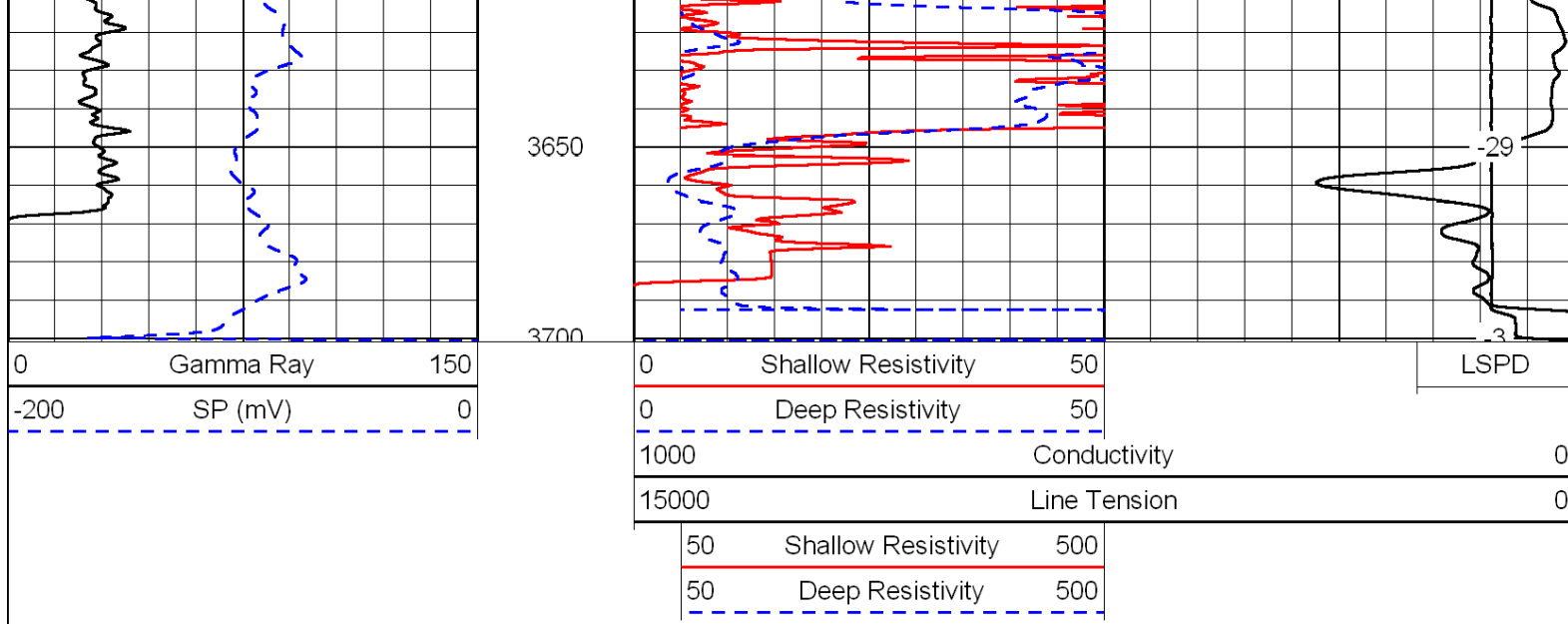




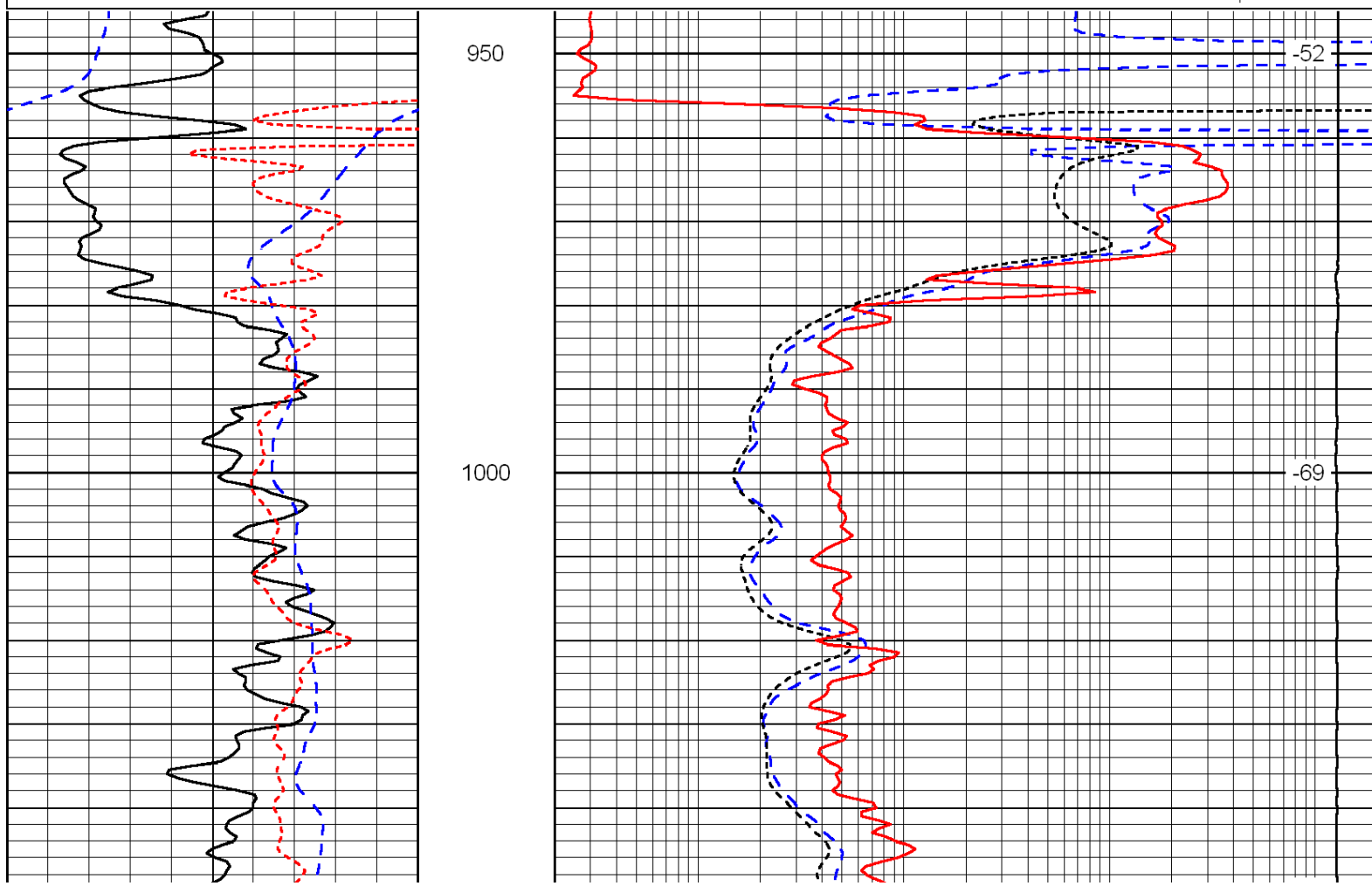
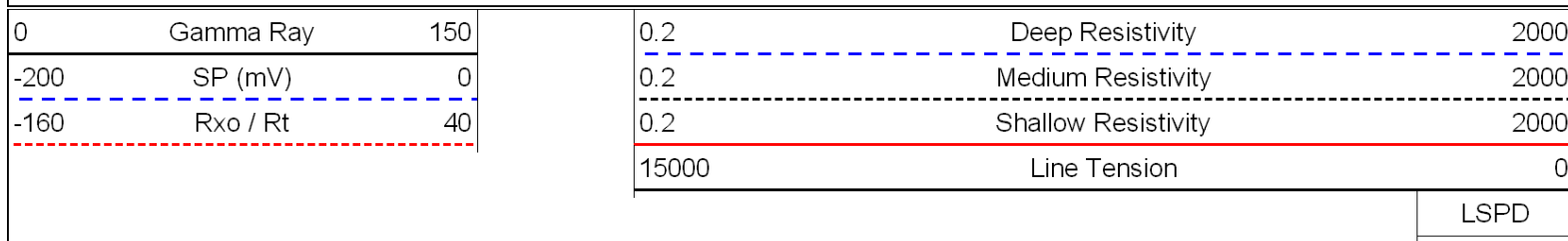


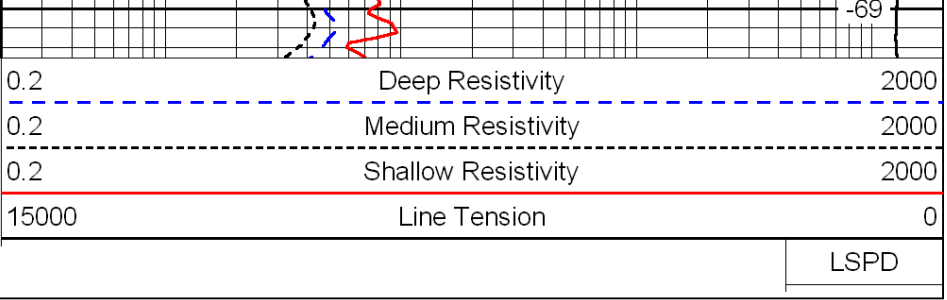
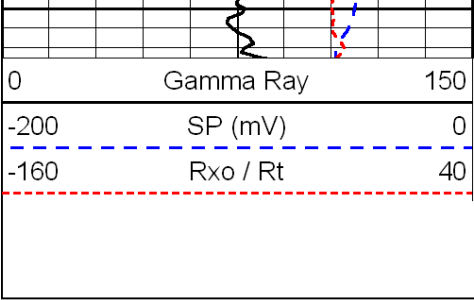




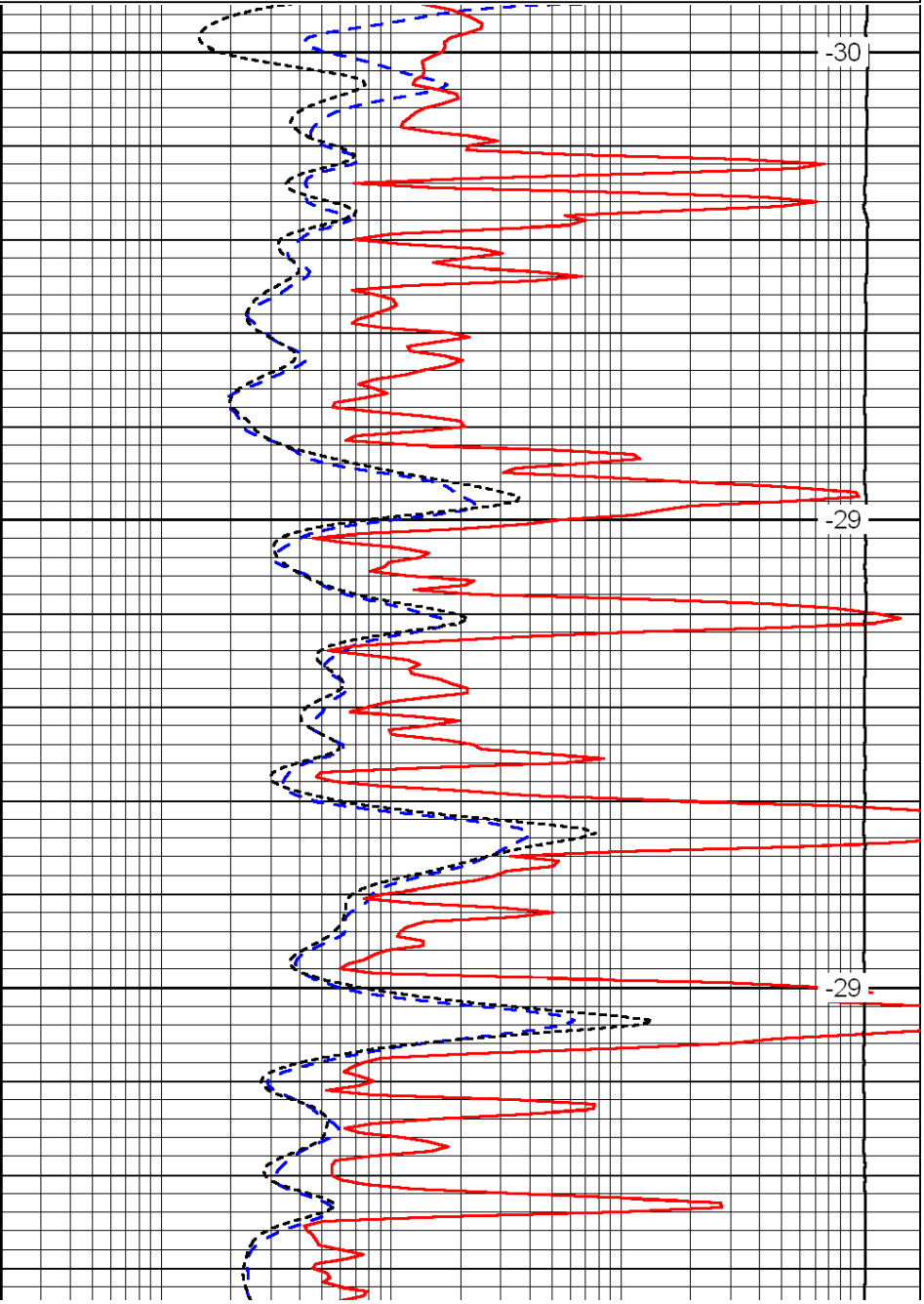
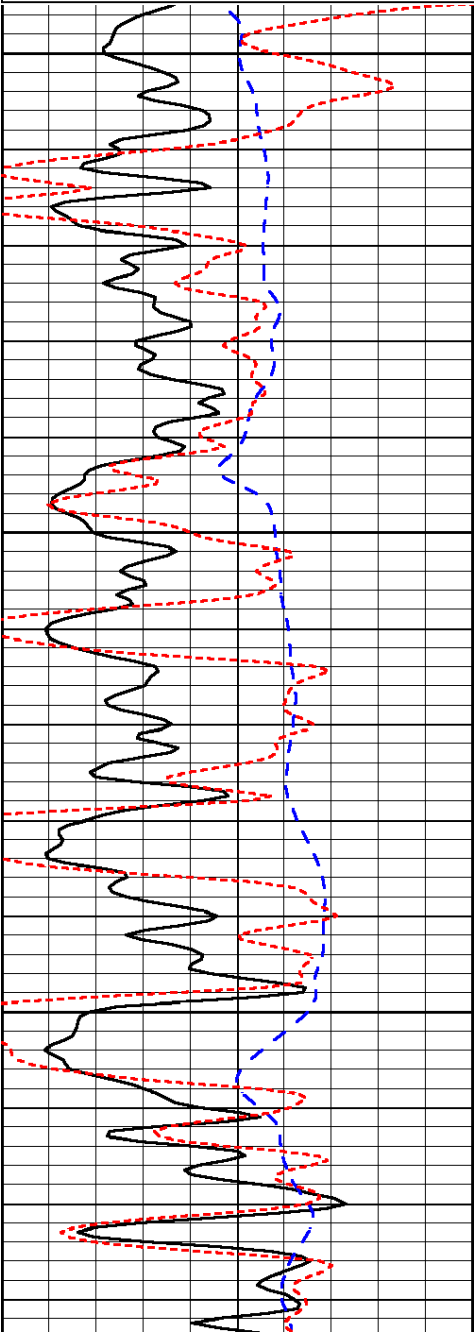
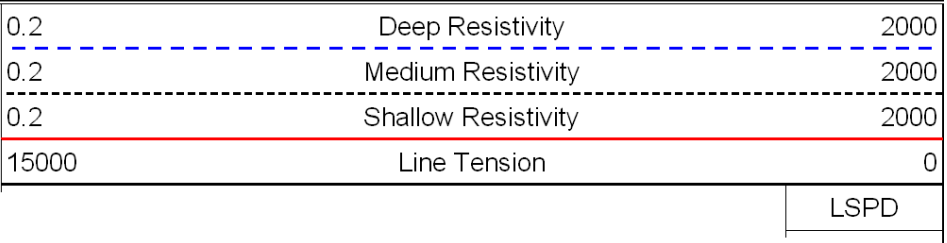
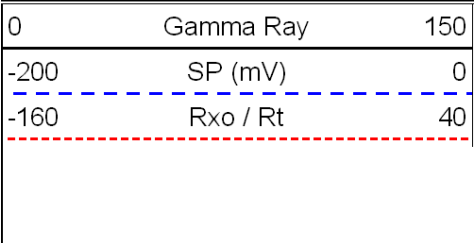


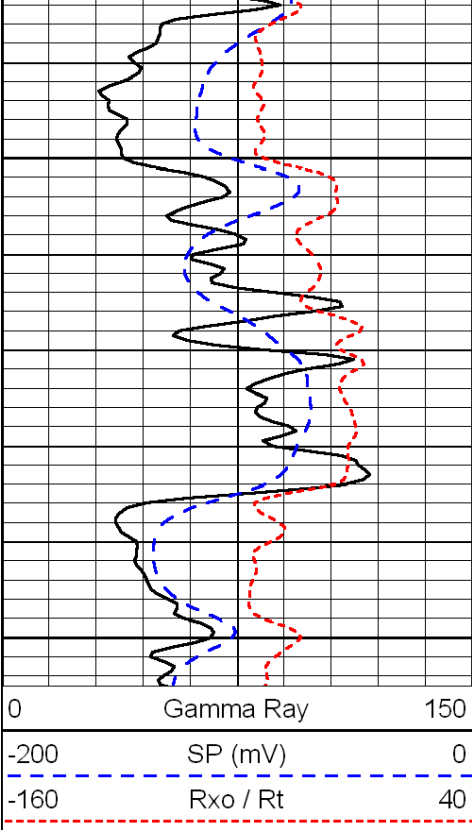
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 Dataset Creation: Mon Jul 04 13:41:40 2011
 Charted by: Depth in Feet scaled 1:240





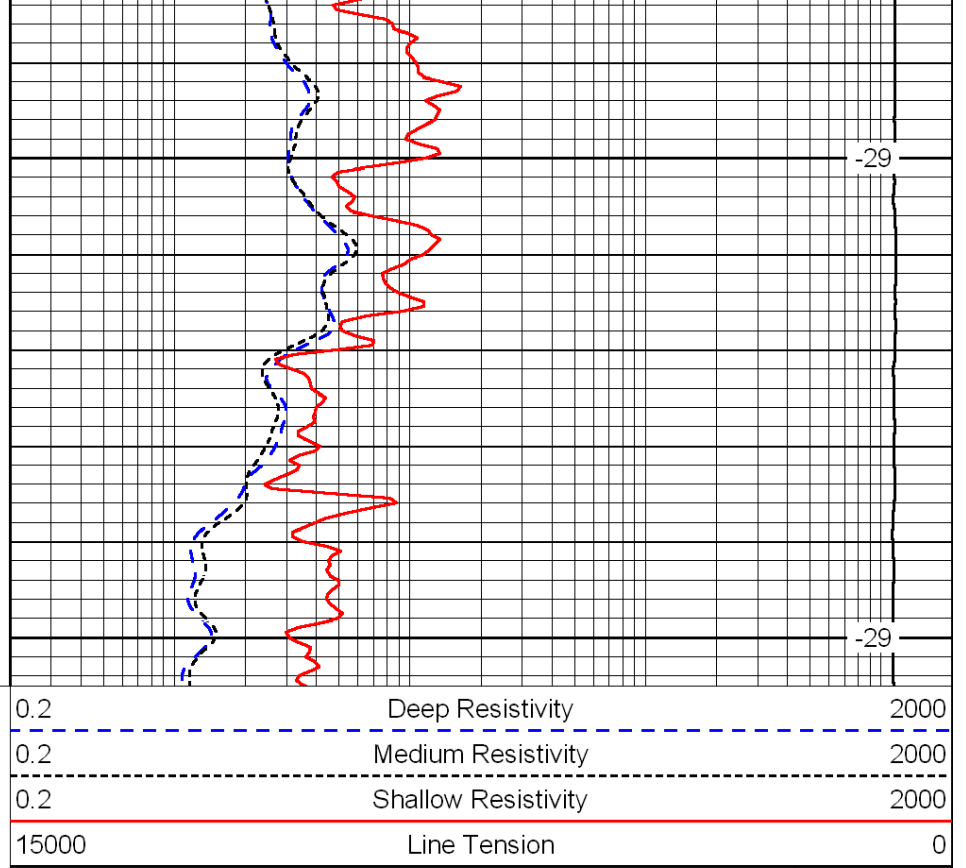
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1850

1900

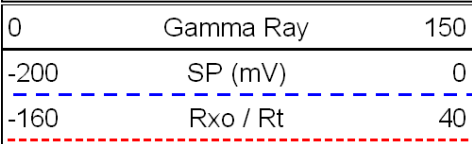


-29

-29

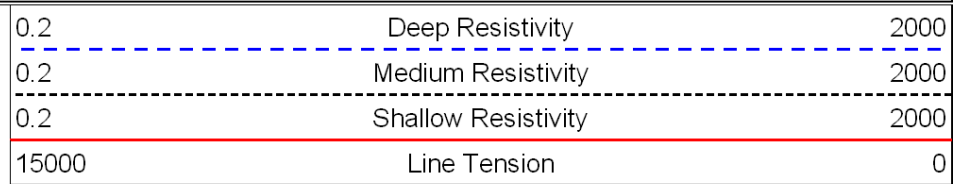
LSPD

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2900

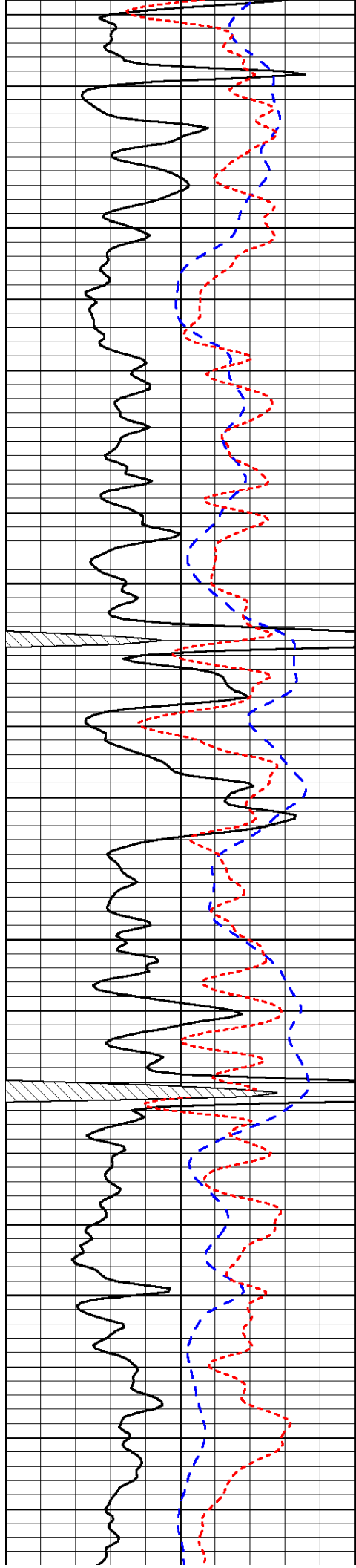
2950



-29

-29

LSPD

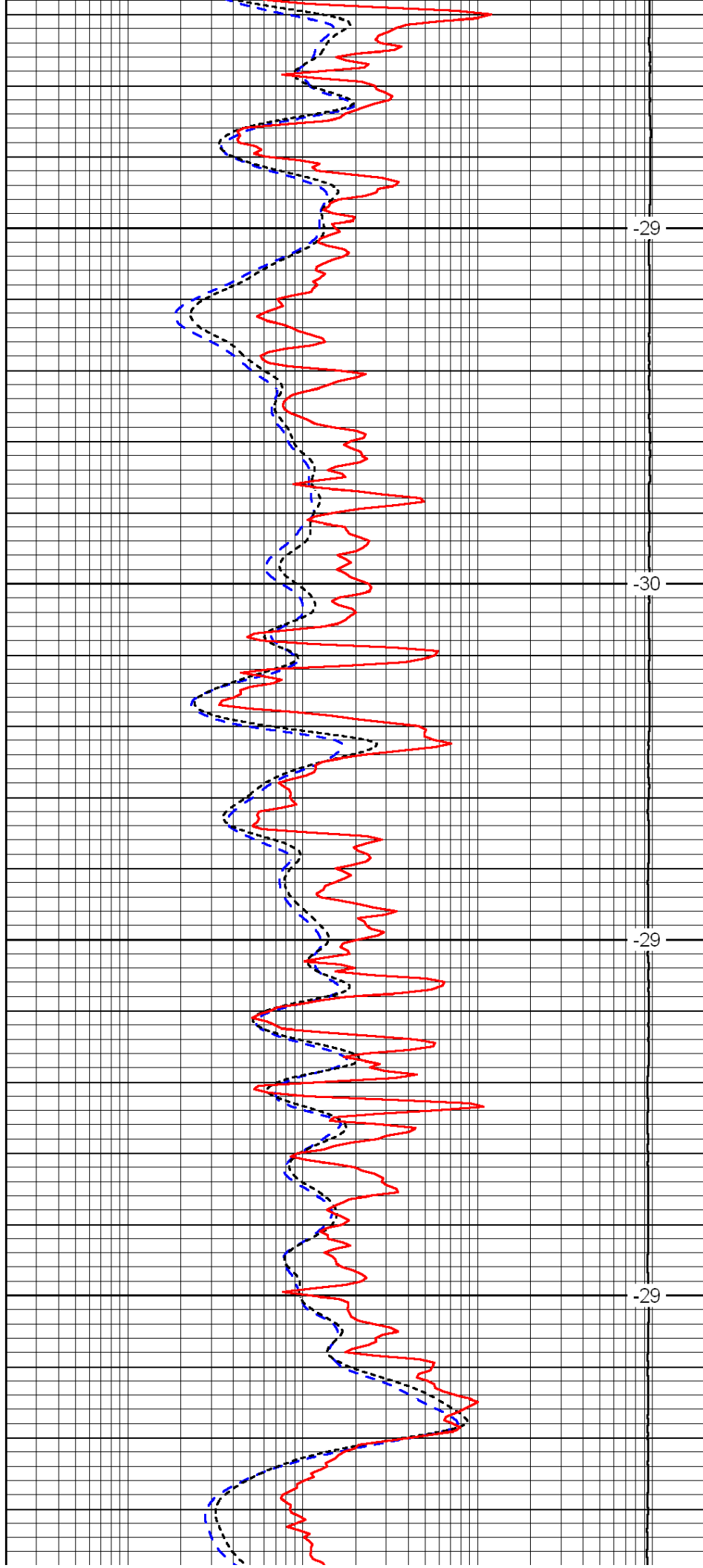


3000

3050

3100

3150

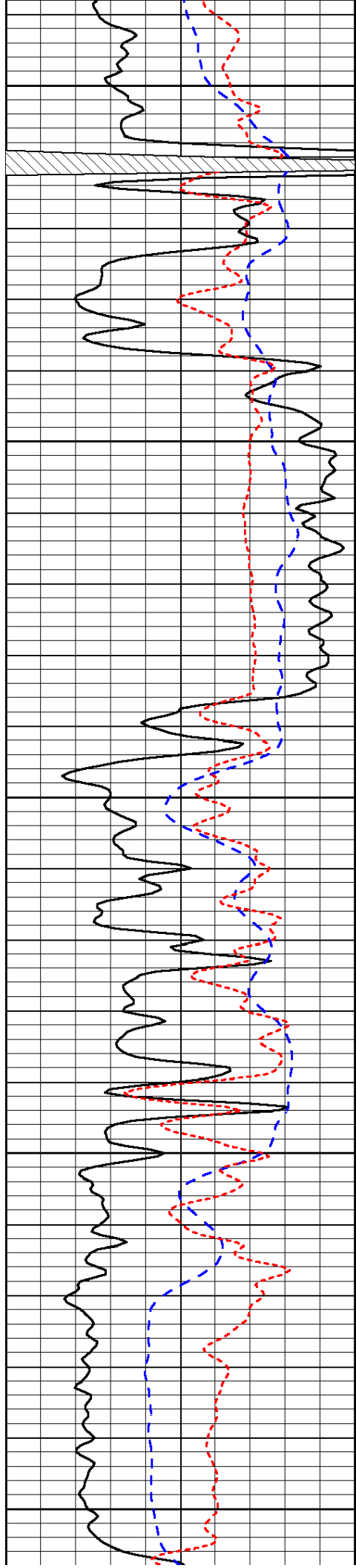


-29

-30

-29

-29



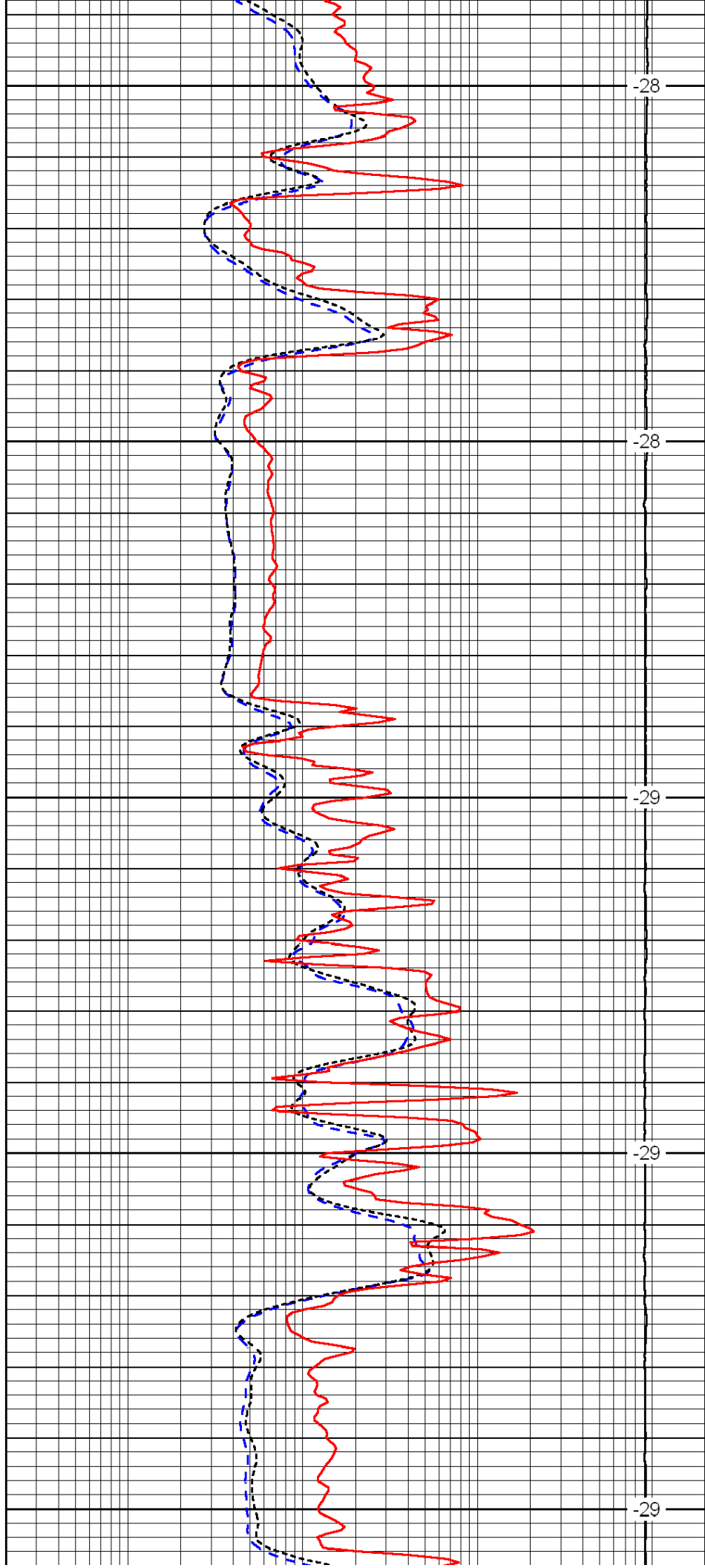
3200

3250

3300

3350

3400



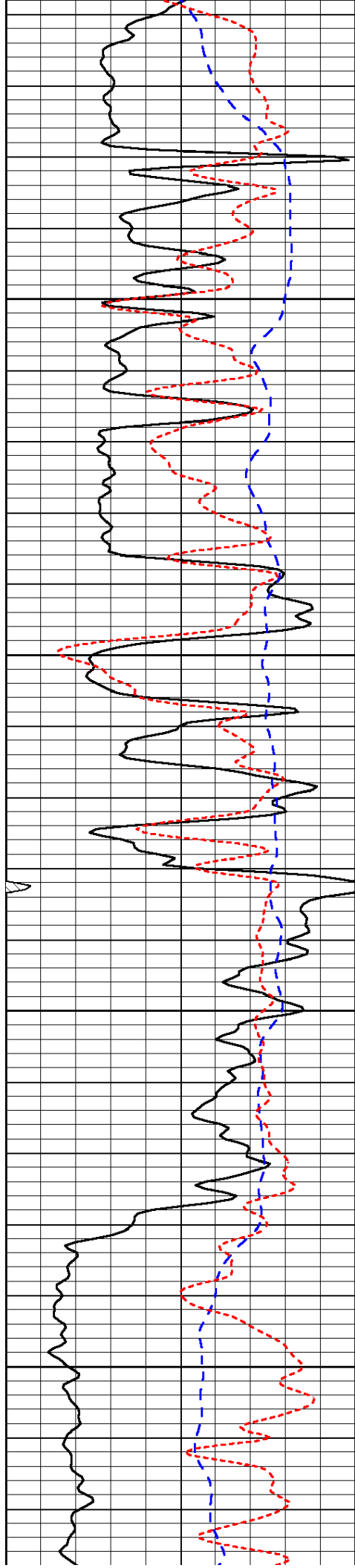
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-29

-29

-29

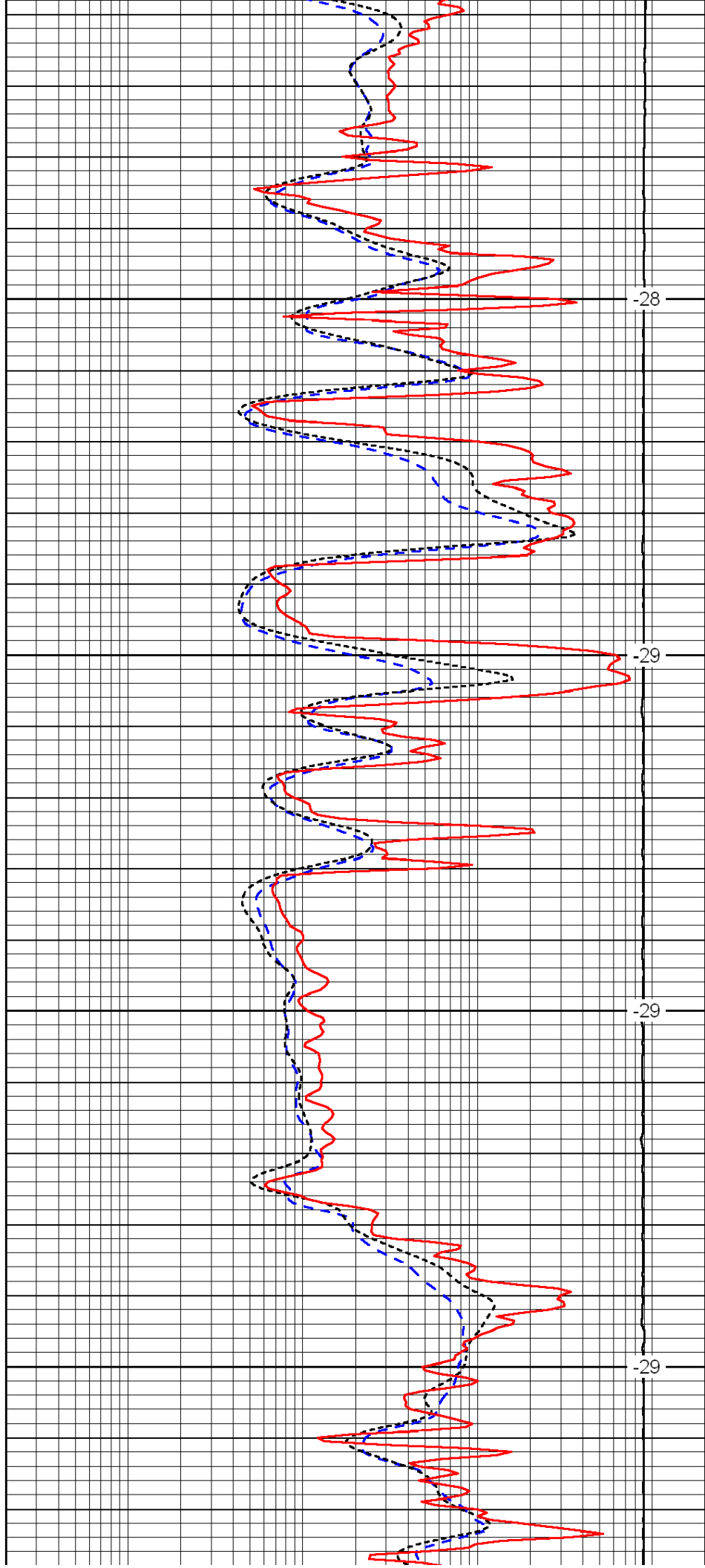


3450

3500

3550

3600

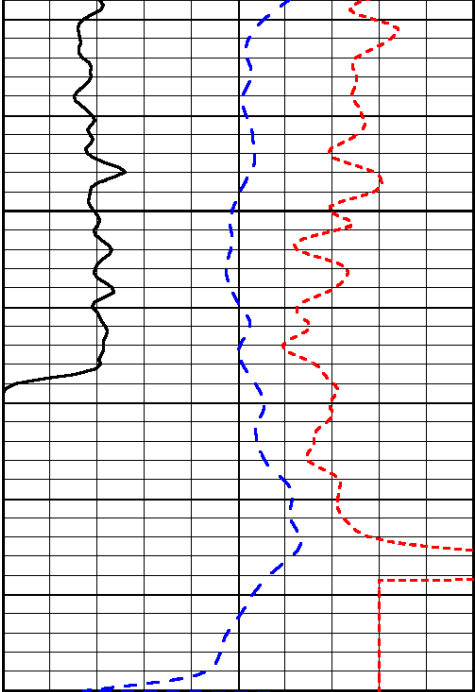


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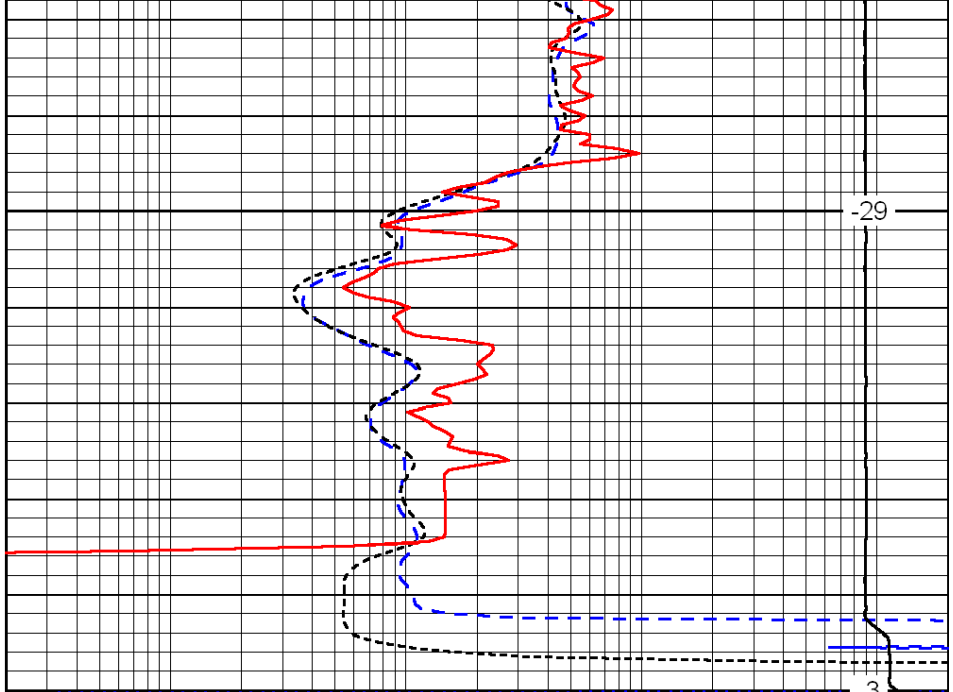
-29



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

3650

3700



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

LSPD