



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company H & C Oil Operating Inc		
	Well Heim No. 29-1		
	Field Wildcat		
	County Graham	State	Kansas
15-065-23,722-00-00	Location	E2 SW SE NW 2,310' FNL & 1,750' FWL	
	Sec: 29	Twp: 6 S	Rge: 23 W
	Permanent Datum	Ground Level	Elevation 2472
	Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date		3/7/2011	
Run Number		One	
Depth Driller		3980	
Depth Logger		3978	
Bottom Logged Interval		3977	
Top Log Interval		300	
Casing Driller		8.625 @ 307	
Casing Logger		306	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		1000	
Density / Viscosity		9.6 51	
pH / Fluid Loss		9.0 8.8	
Source of Sample		Flowline	
Rm @ Meas. Temp		1.40 @ 52	
Rmf @ Meas. Temp		1.05 @ 52	
Rmc @ Meas. Temp		1.89 @ 52	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.63 @ 116	
Operating Rig Time		5 Hours	
Max Rec. Temp. F		116	
Equipment Number		10	
Location		Hays	
Recorded By		Jim Schuler	
Witnessed By		Marc Downing	

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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

Hill City, Kansas, 8 Miles North to Y Road, West 4 Milles
to 230 Road, North 1 3/4, E Into

Database File: c:\warrior\data\h&c_heim no. 29-1\h&c_heim_29_1hd.db
Dataset Pathname: DIL\hcsk
Presentation Format: dil2in
Dataset Creation: Mon Mar 07 15:00:03 2011
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

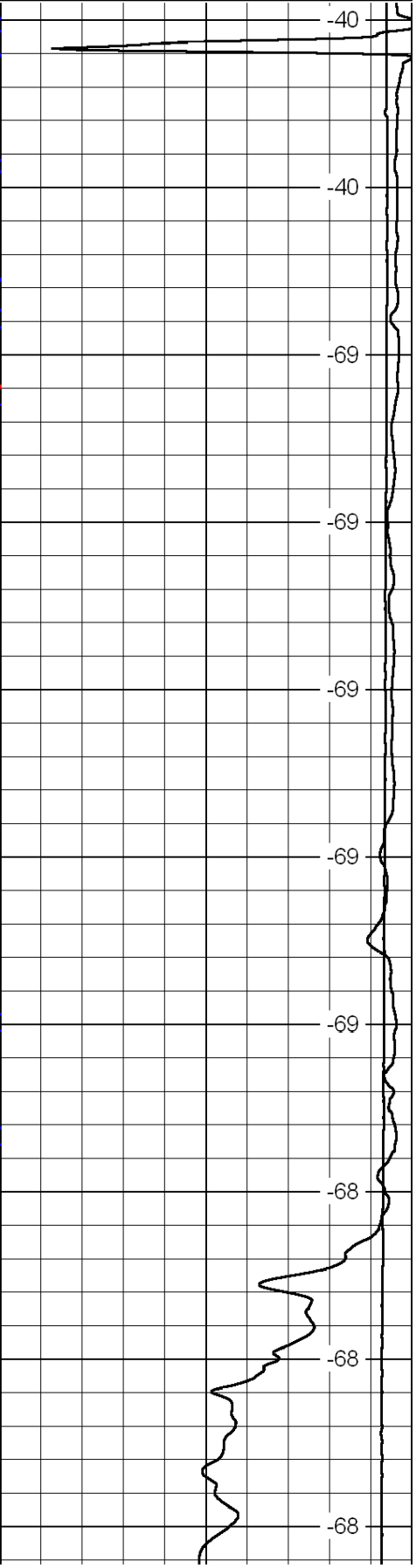
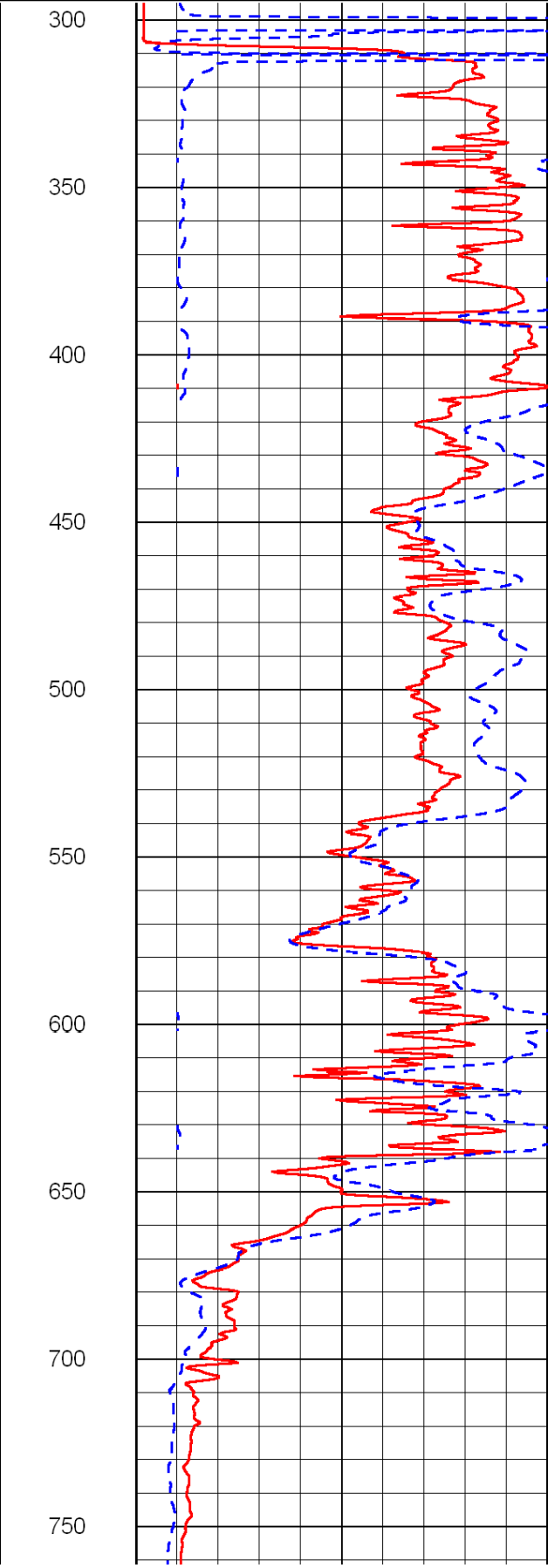
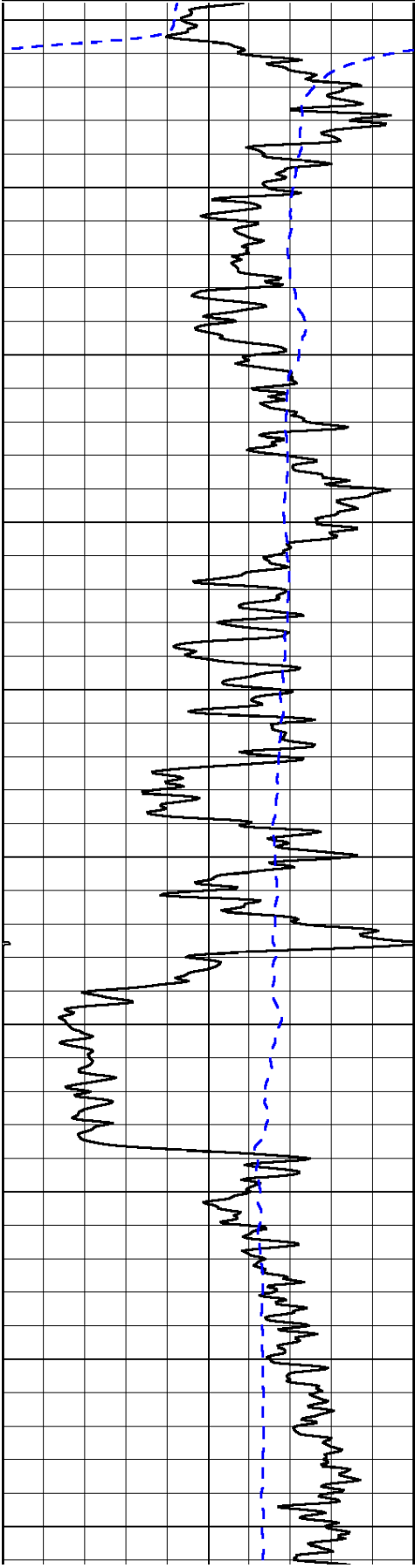


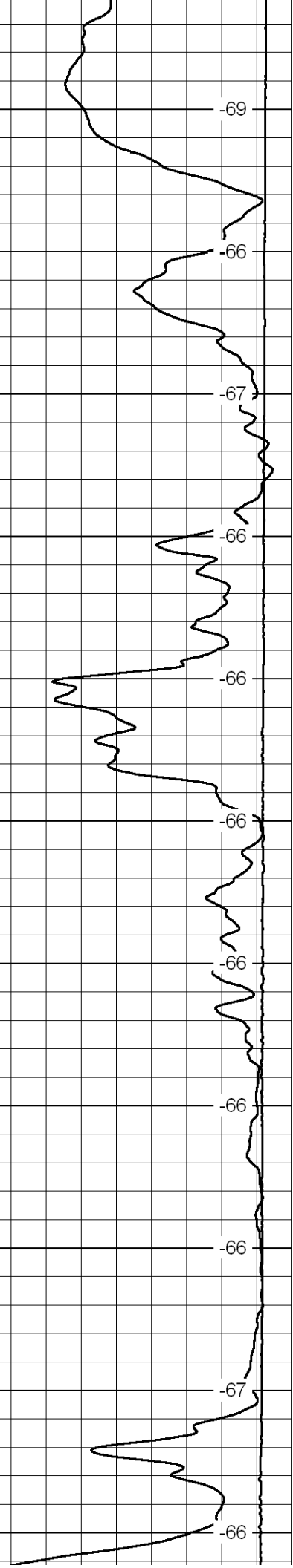
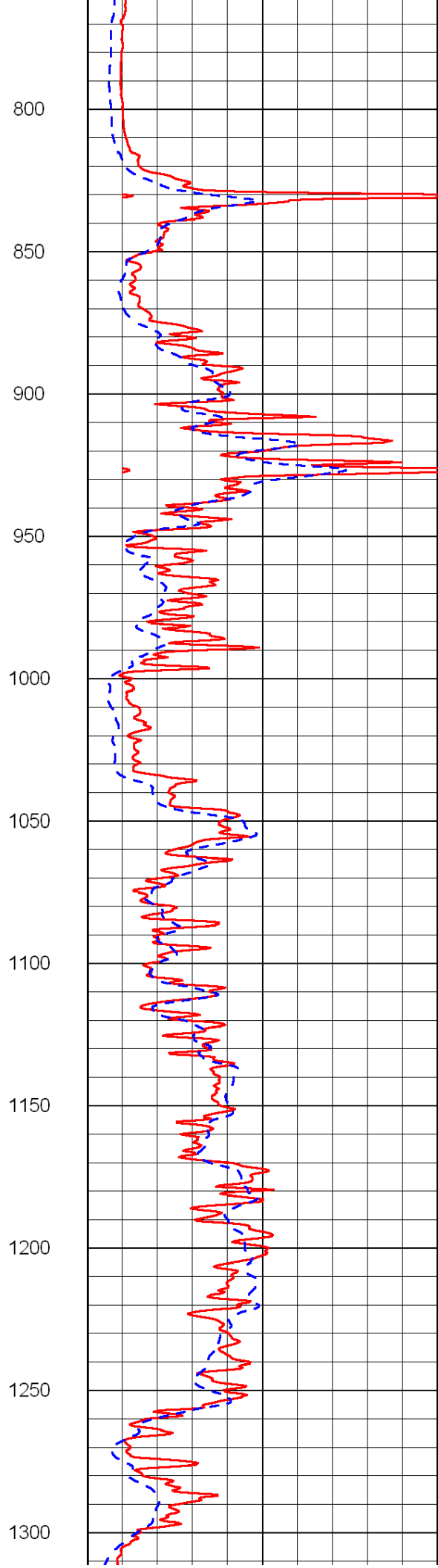
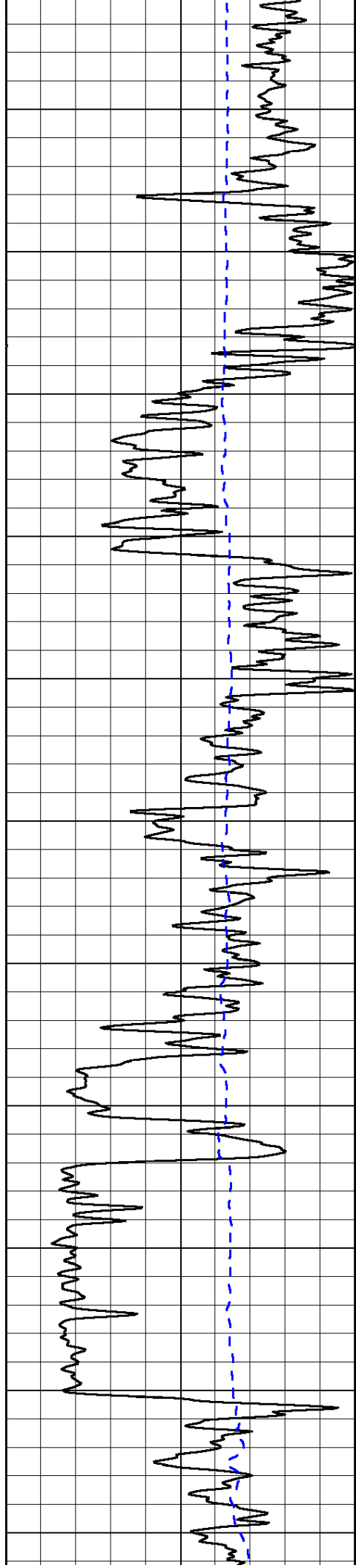
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0	Deep Resistivity	50

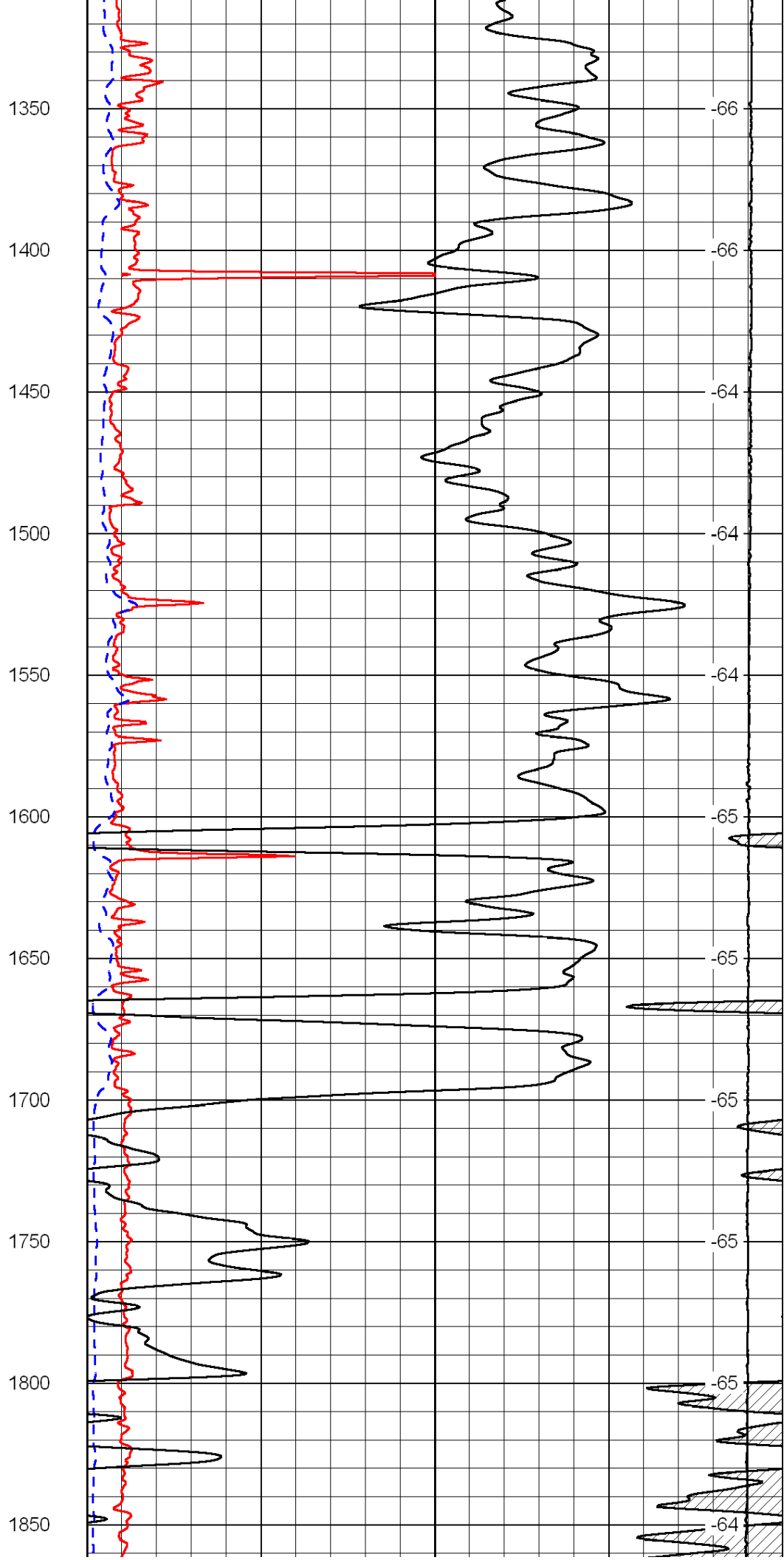
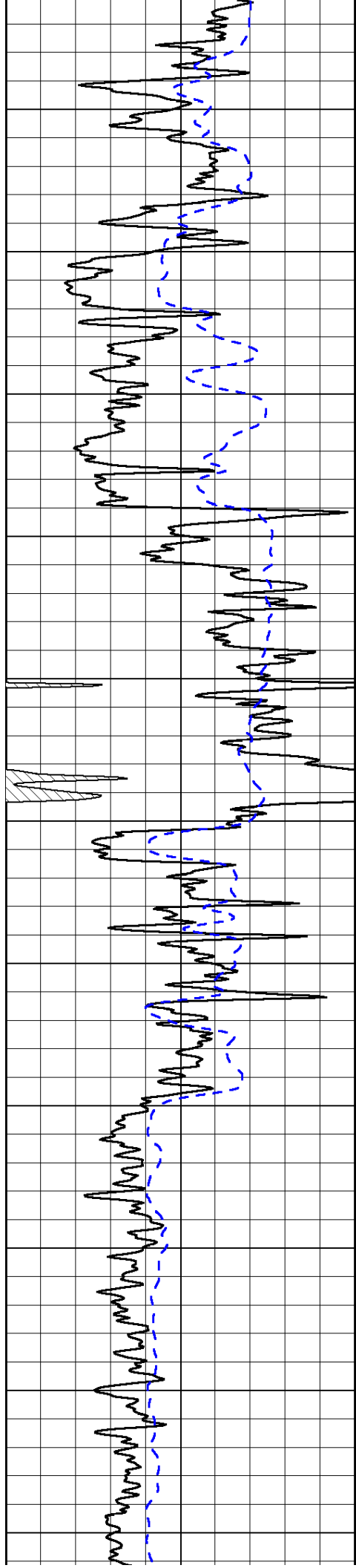
1000	Conductivity	0
15000	Line Tension	0

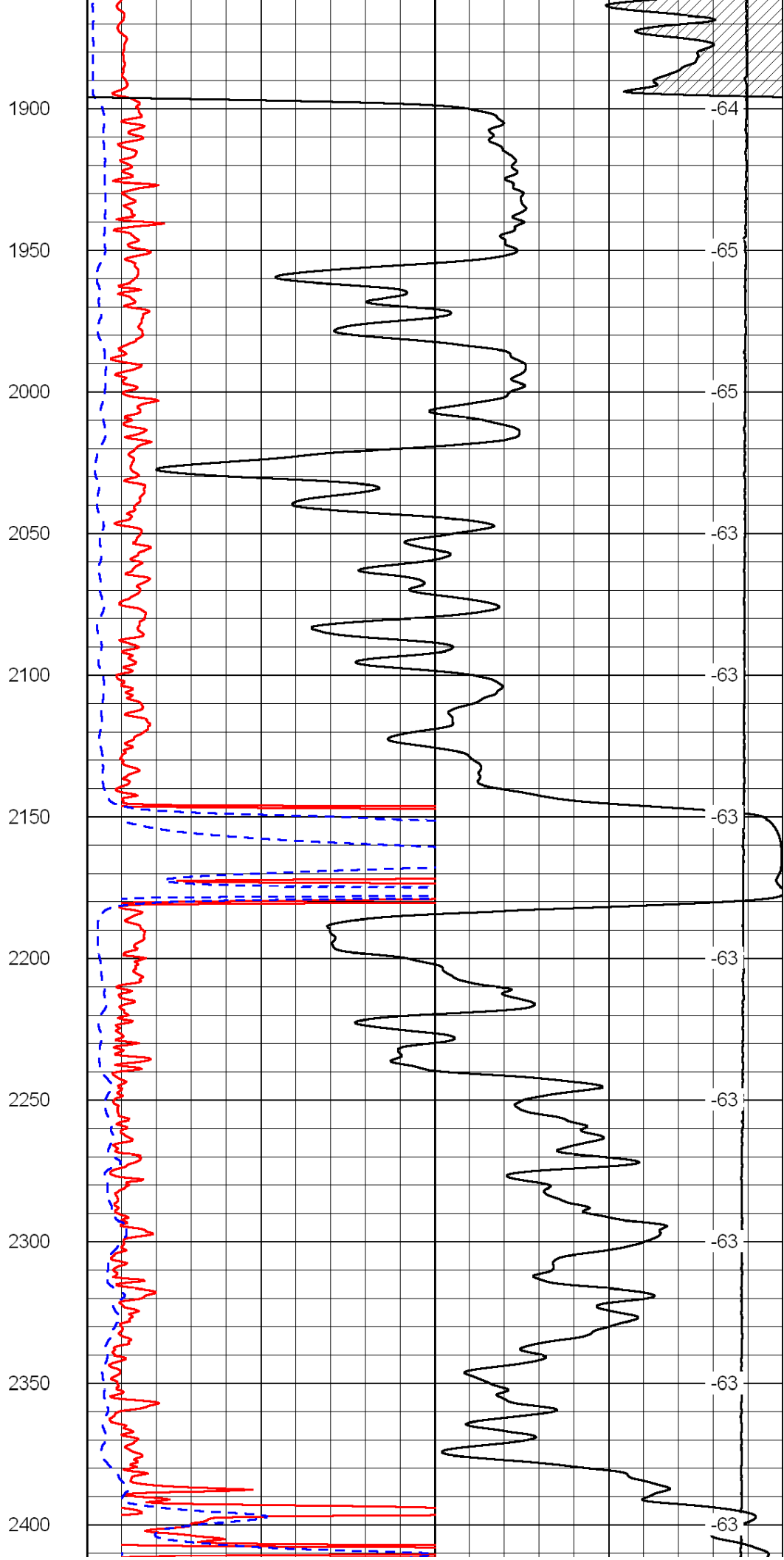
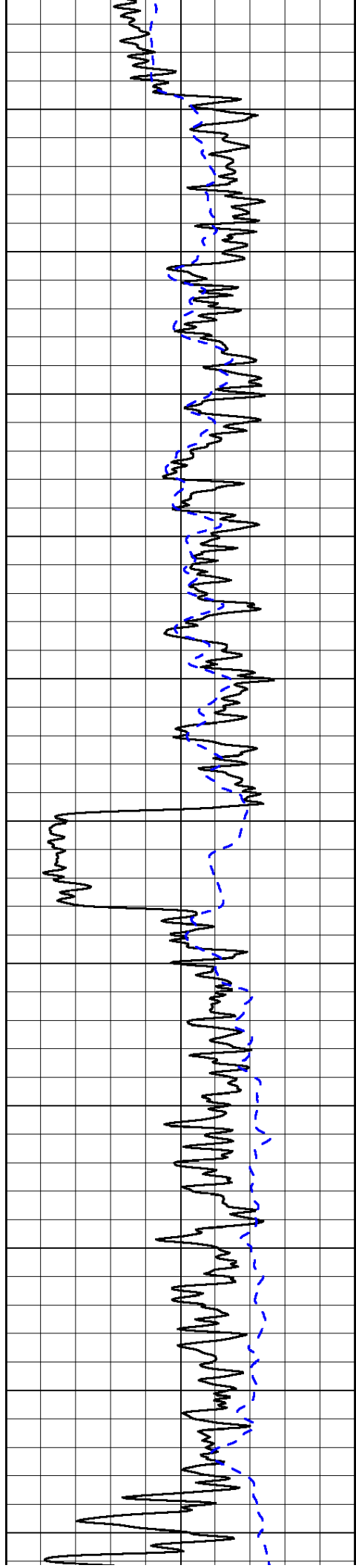
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50	Deep Resistivity	500

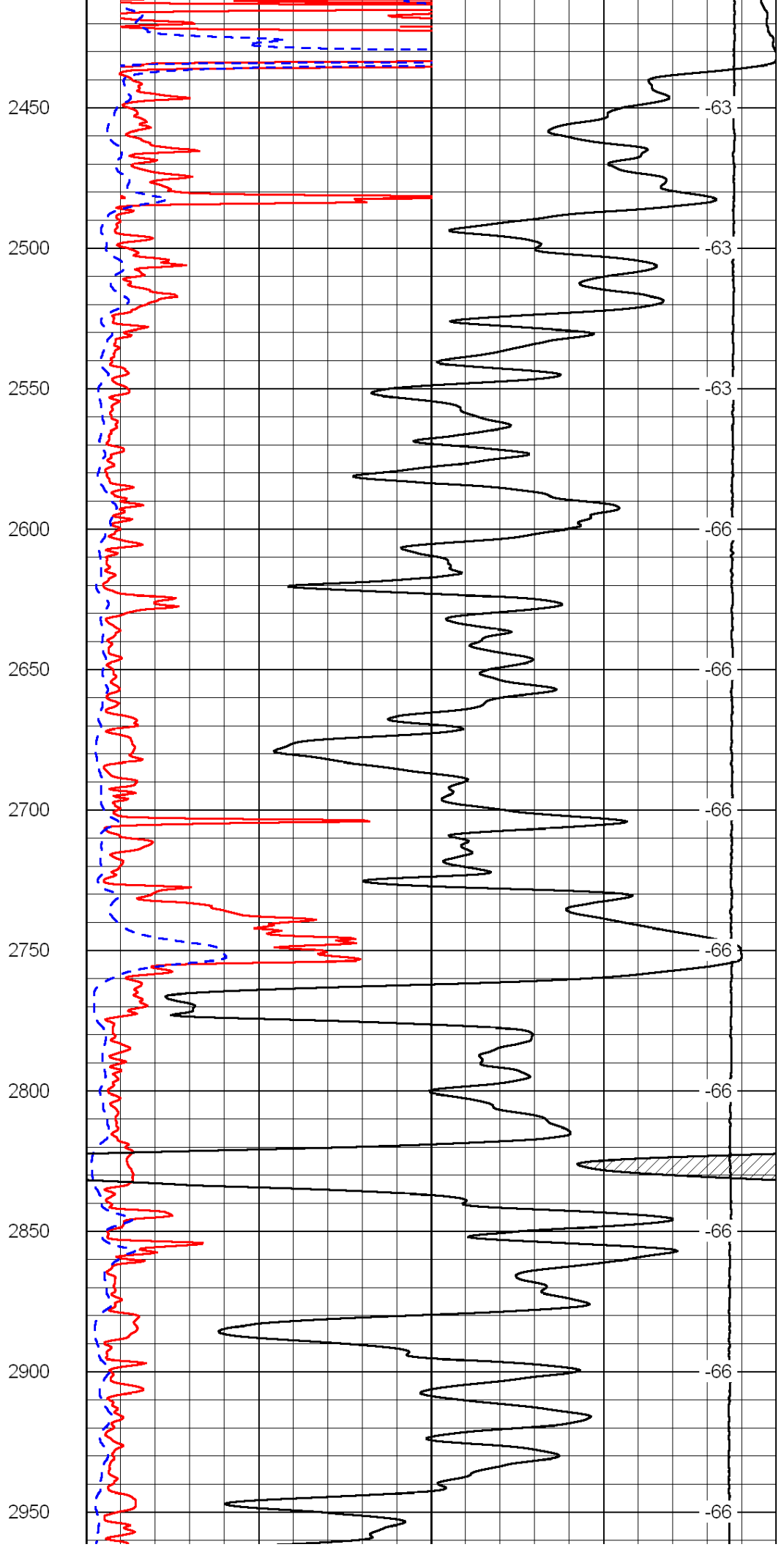
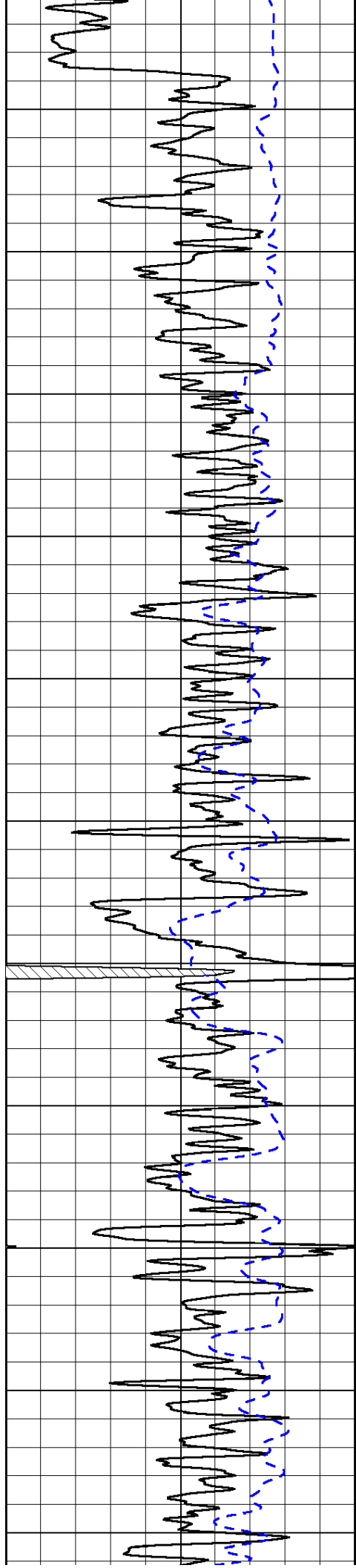
LSPD	
0	
0	

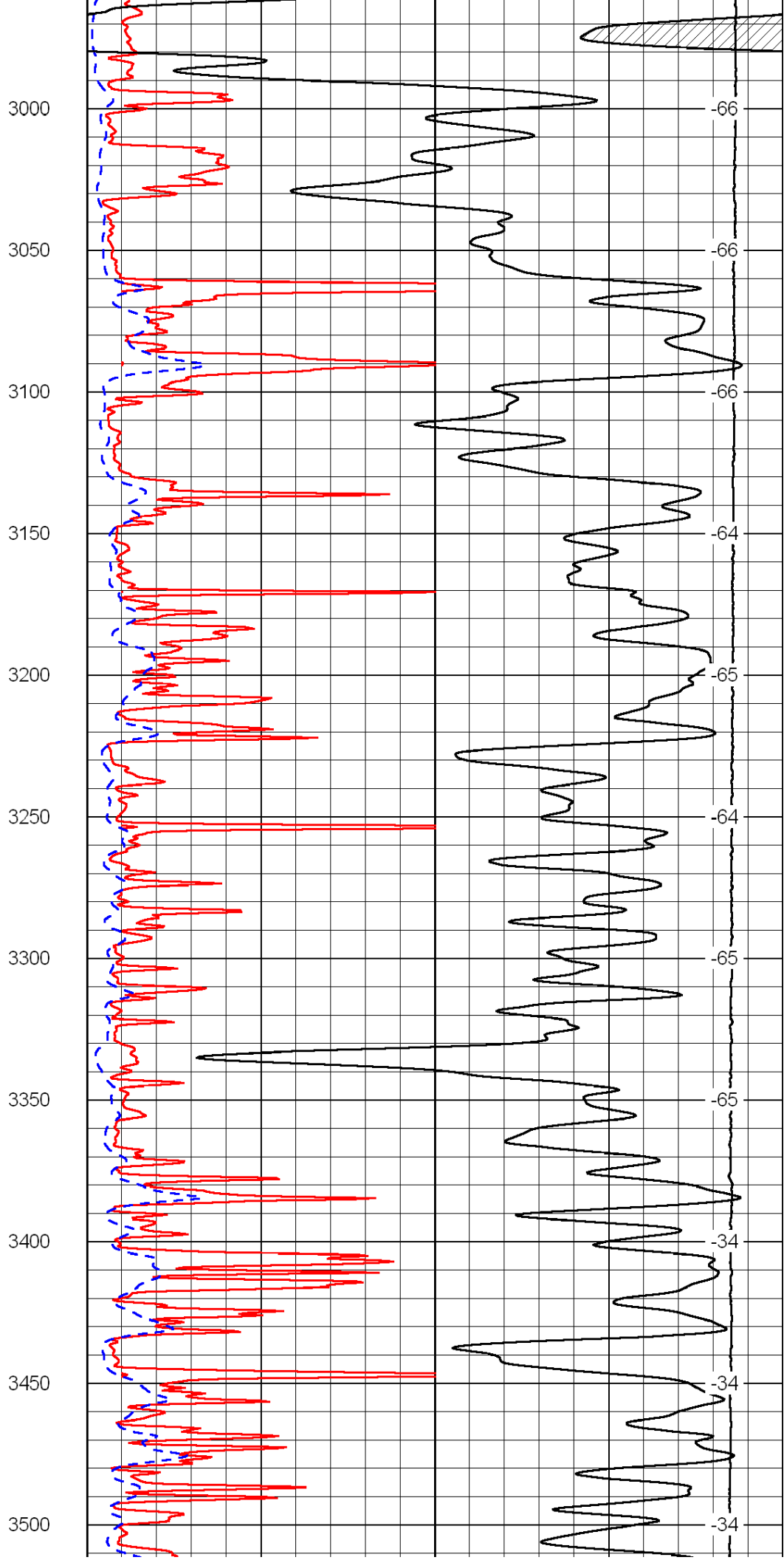
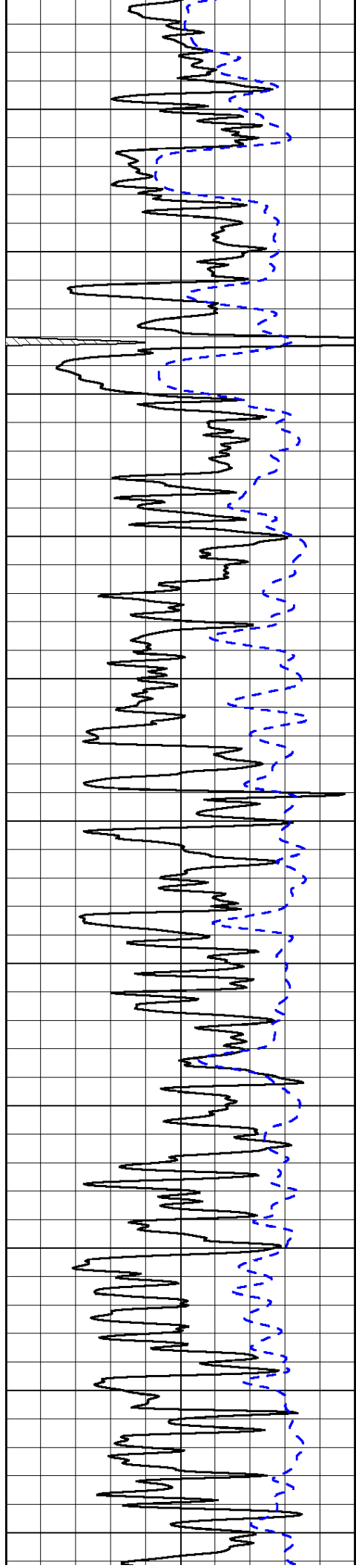


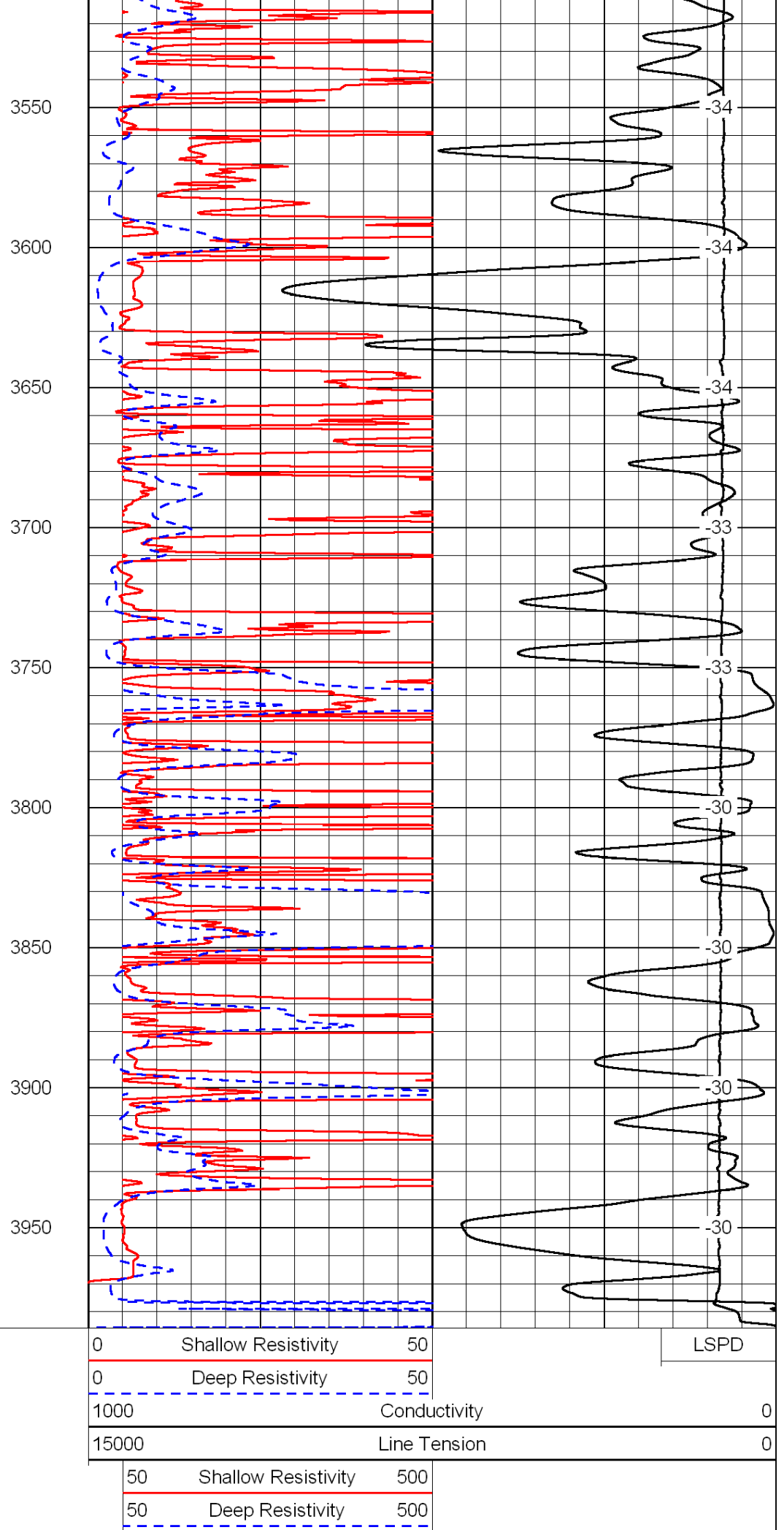
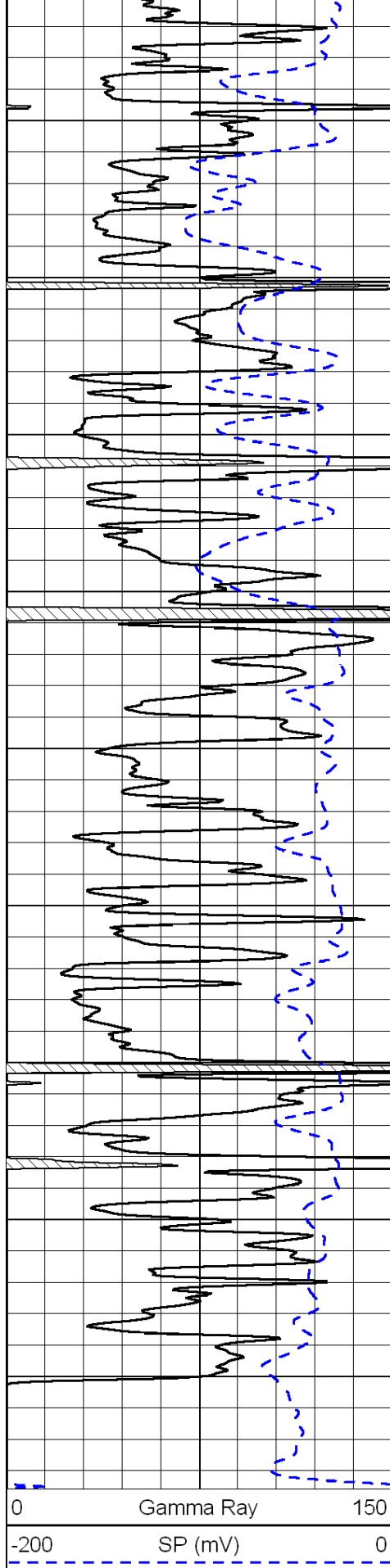










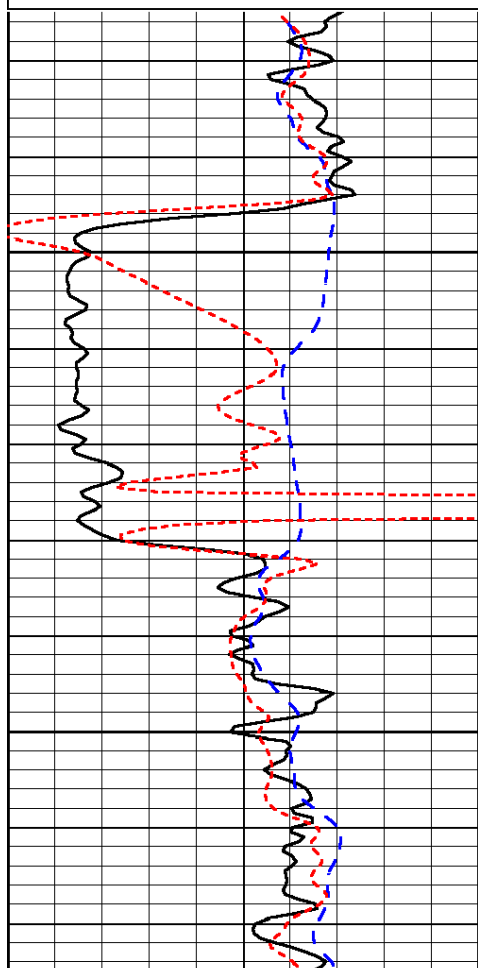


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 Dataset Pathname: DIL/hcstk
 Presentation Format: dil
 Dataset Creation: Mon Mar 07 15:00:03 2011
 Charted by: Depth in Feet scaled 1:240

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

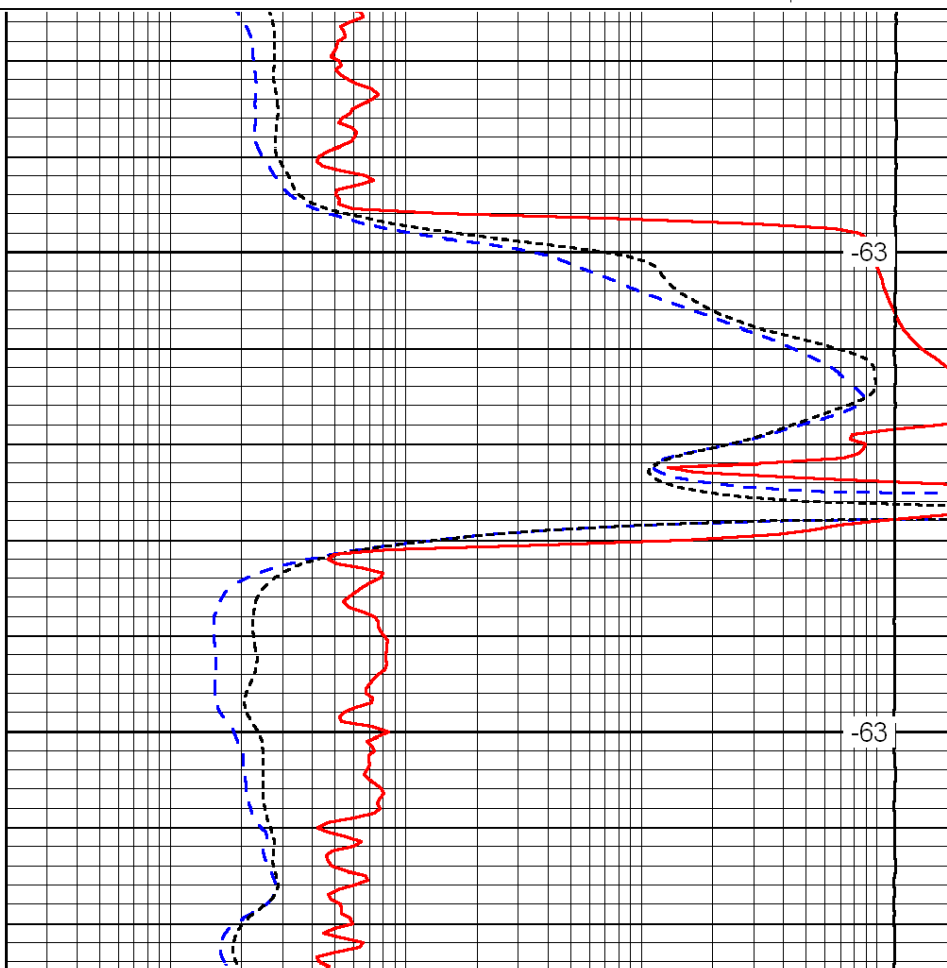
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



2150

2200



-63

-63

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

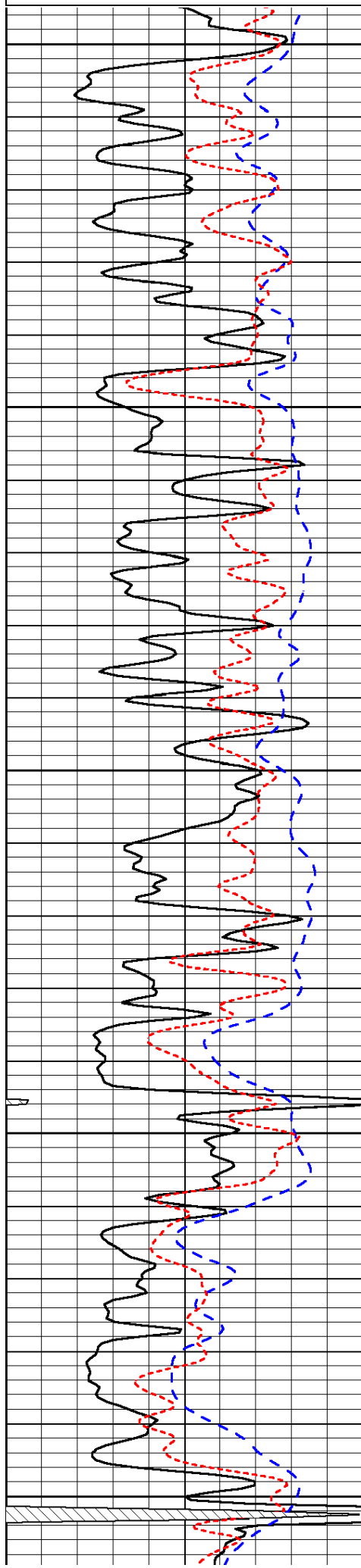
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD

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0.2	Shallow Resistivity	2000
15000	Line Tension	0



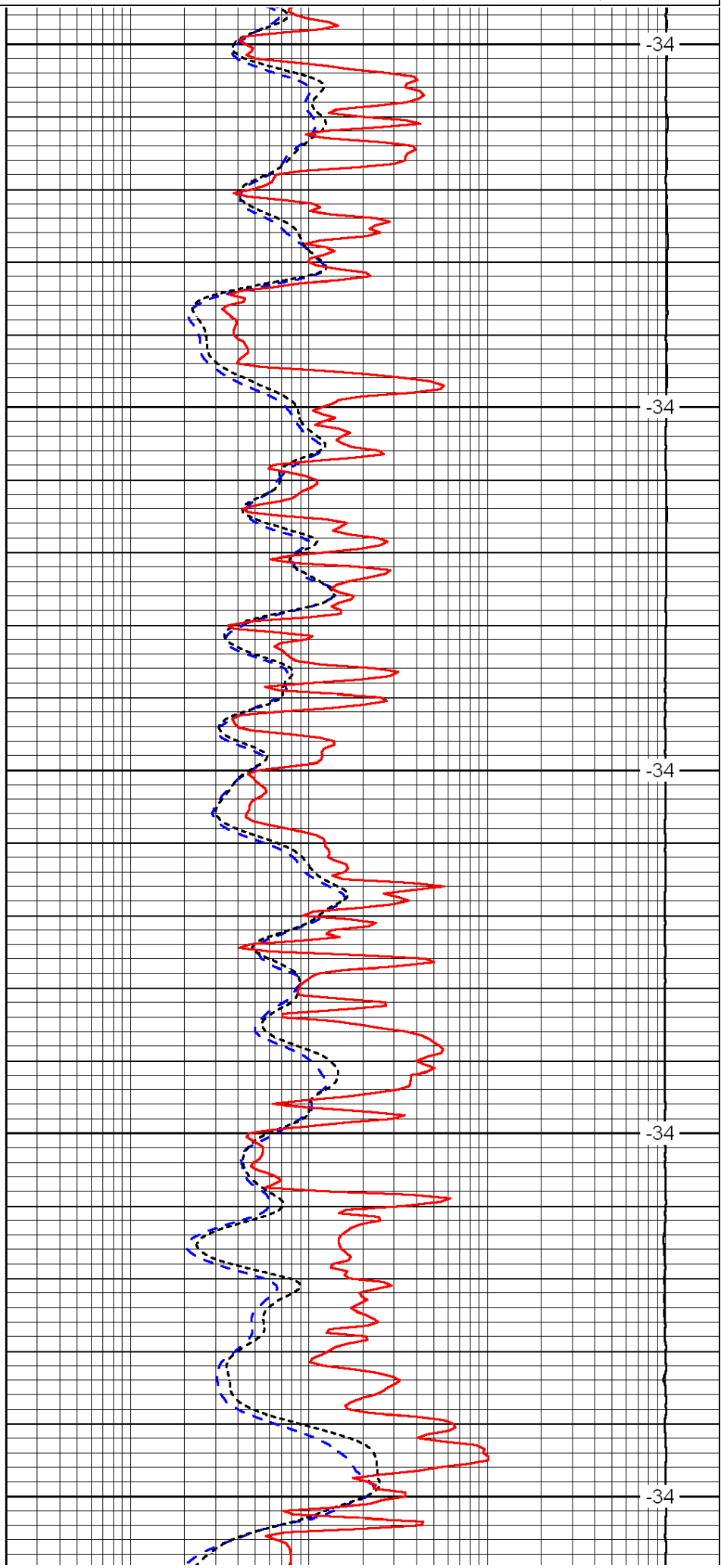
3400

3450

3500

3550

3600



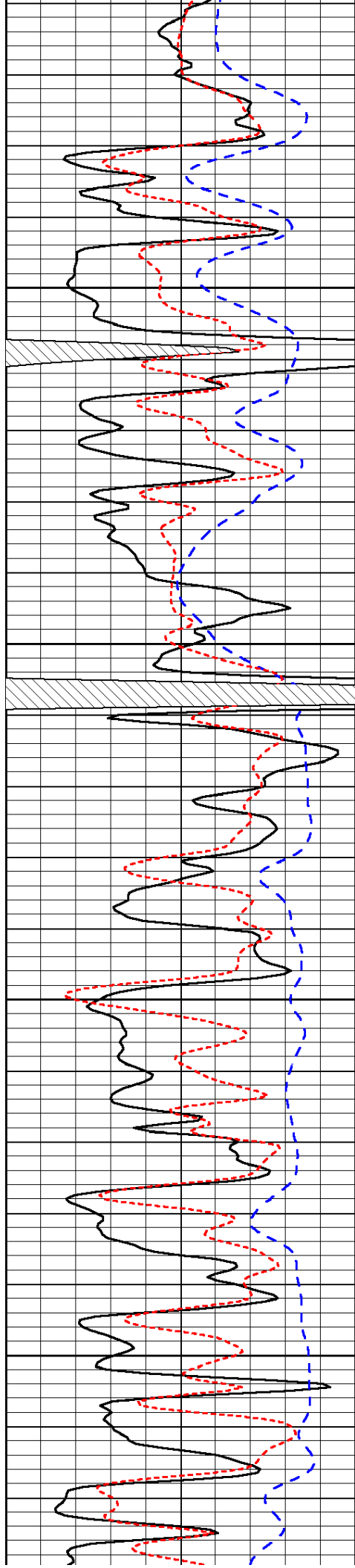
-34

-34

-34

-34

-34

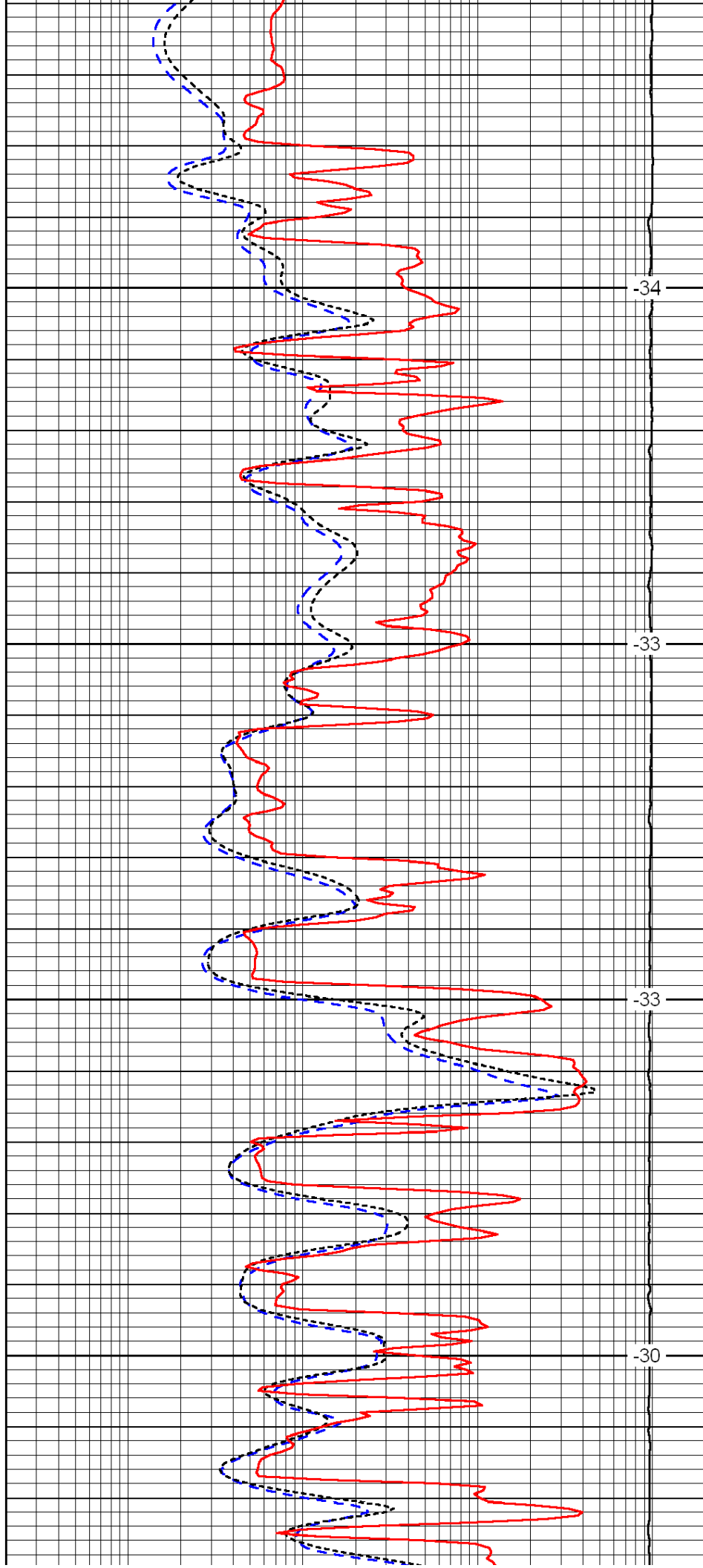


3650

3700

3750

3800

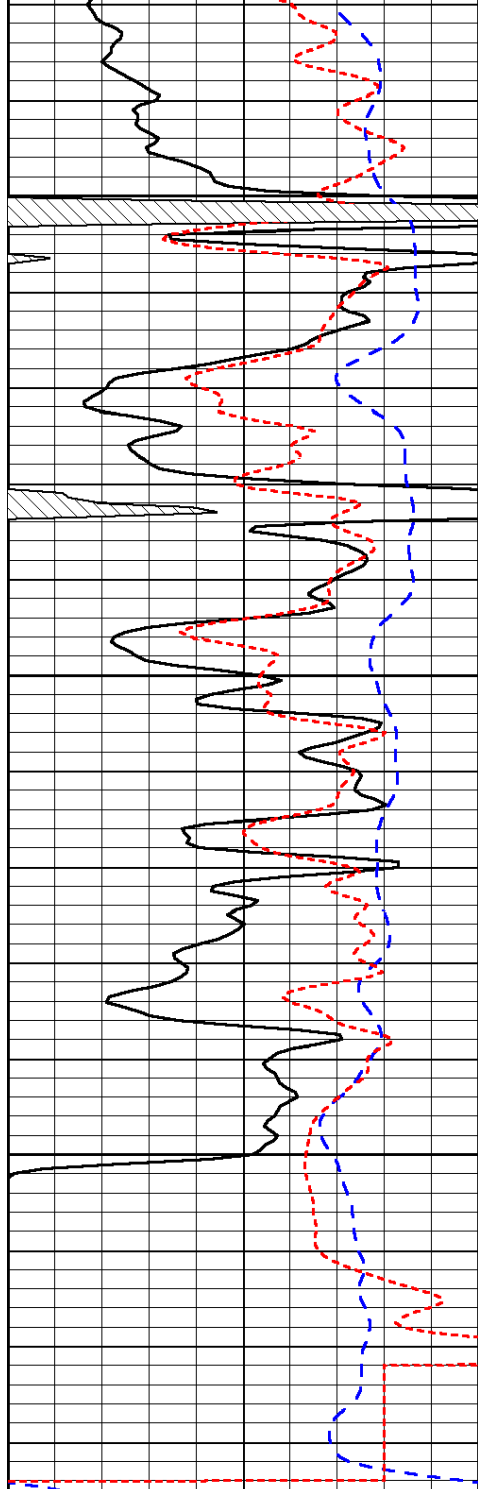


-34

-33

-33

-30

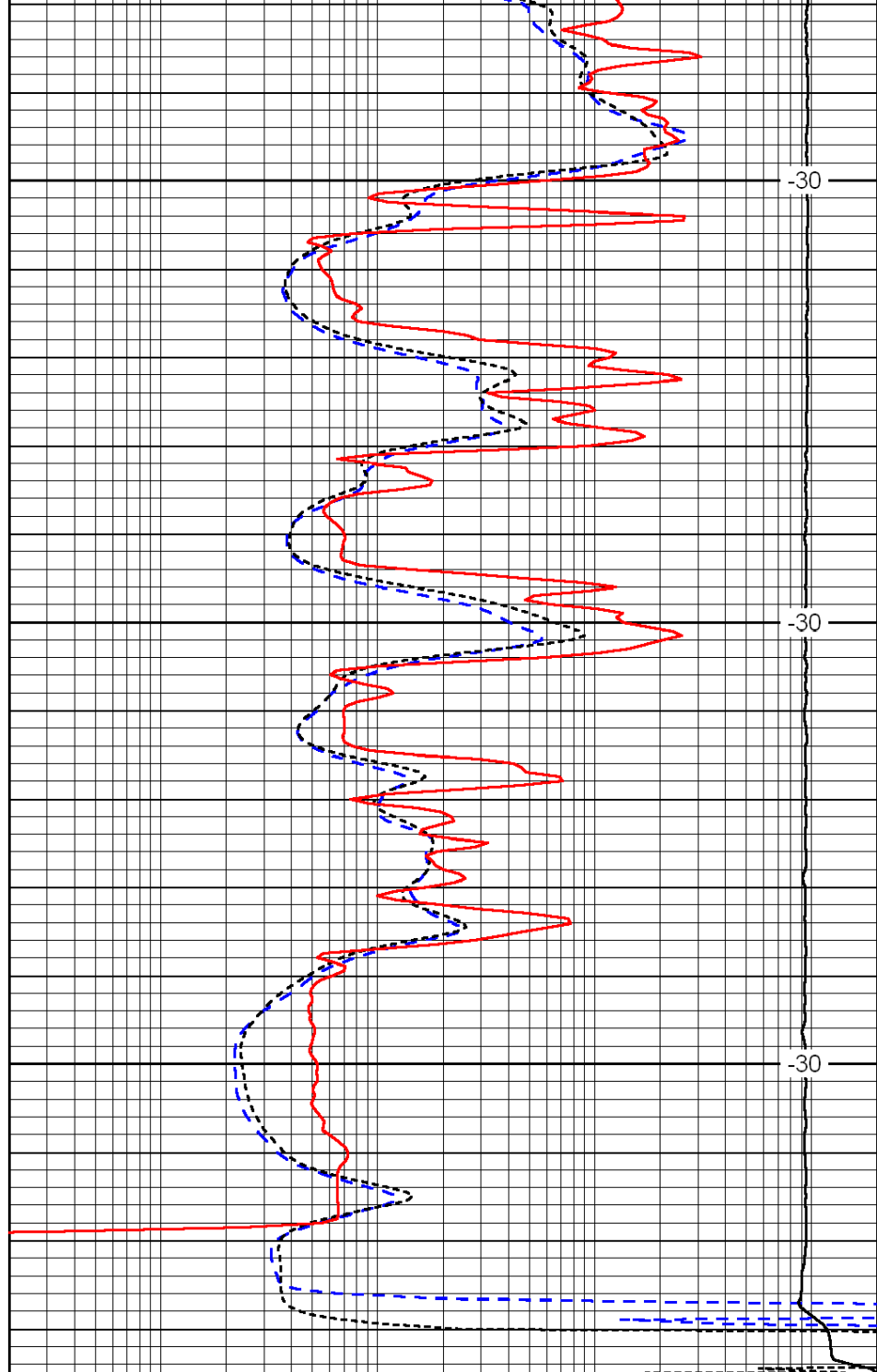


0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

3850

3900

3950



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

LSPD