



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Norstar Petroleum, Inc.		
	Well T. Schertz #2-32		
	Field Unnamed		
	County Thomas	State	Kansas
	Location NE NW NE SW 2581' FSL & 1942' FWL	Other Services CNL/CDL MEL	
	Sec: 32	Twp: 10 S	Rge: 34 W
Permanent Datum	Ground Level	Elevation 3280	
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 3288 D.F. G.L. 3280	
Date	3/7/2012		
Run Number	One		
Depth Driller	4950		
Depth Logger	4950		
Bottom Logged Interval	4949		
Top Log Interval	250		
Casing Driller	8.625 @ 293		
Casing Logger	290		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5.000		
Density / Viscosity	9.3 57		
pH / Fluid Loss	10.0 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.58 @ 42		
Rmf @ Meas. Temp	.44 @ 42		
Rmc @ Meas. Temp	.78 @ 42		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.19 @ 126		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	126		
Equipment Number	17		
Location	Hays		
Recorded By	D. Martin		
Witnessed By	Bob Elder		

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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

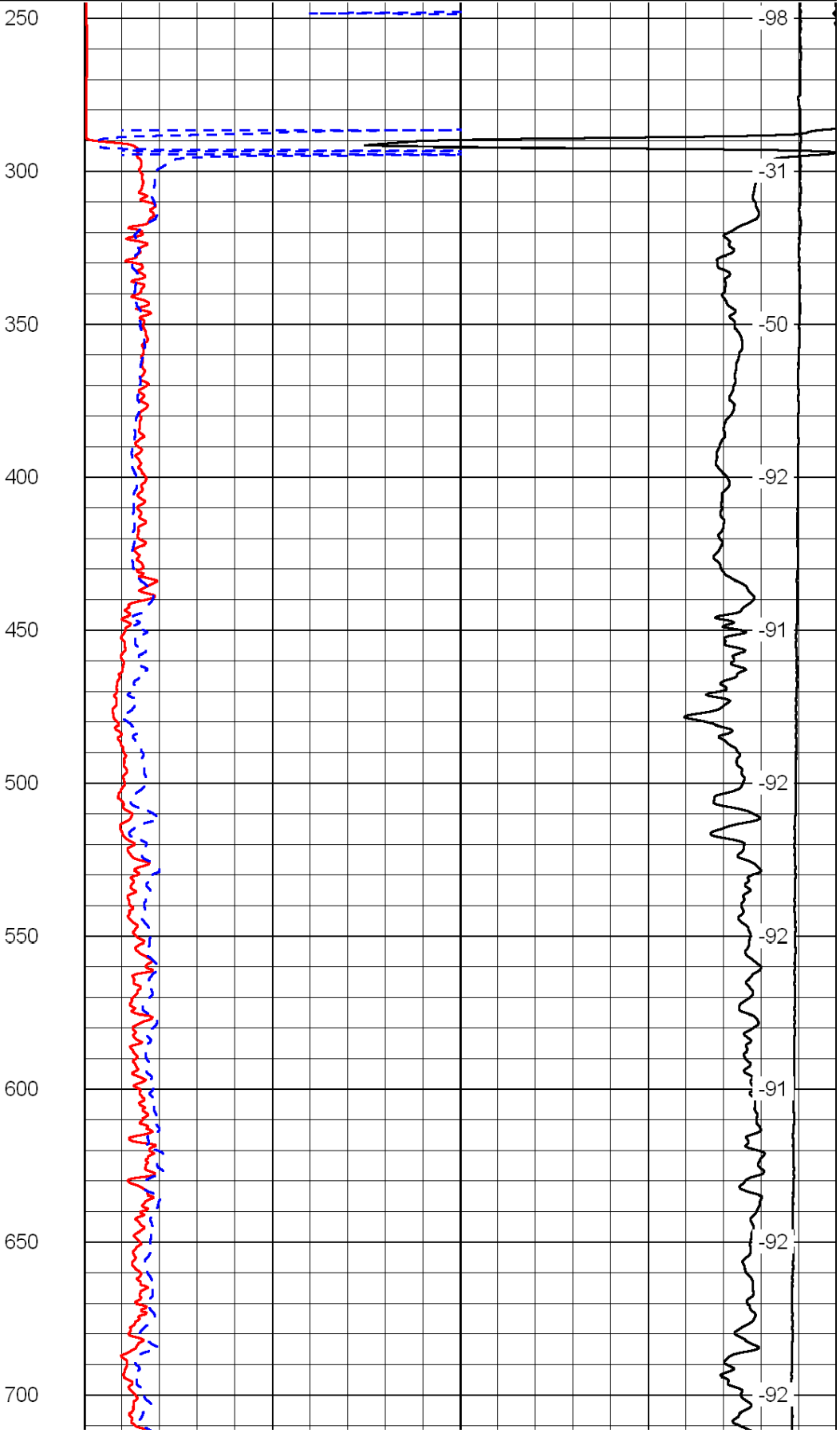
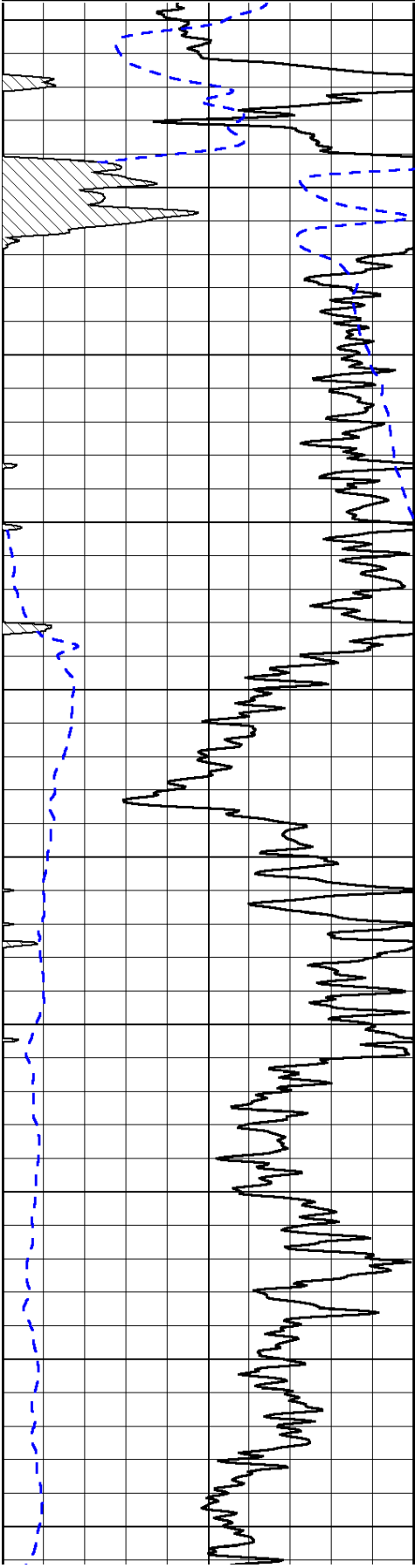
Monument, KS
W to Hwy 25, 2 N, 5 W,
1/2 N(2nd lease Rd.), E Into

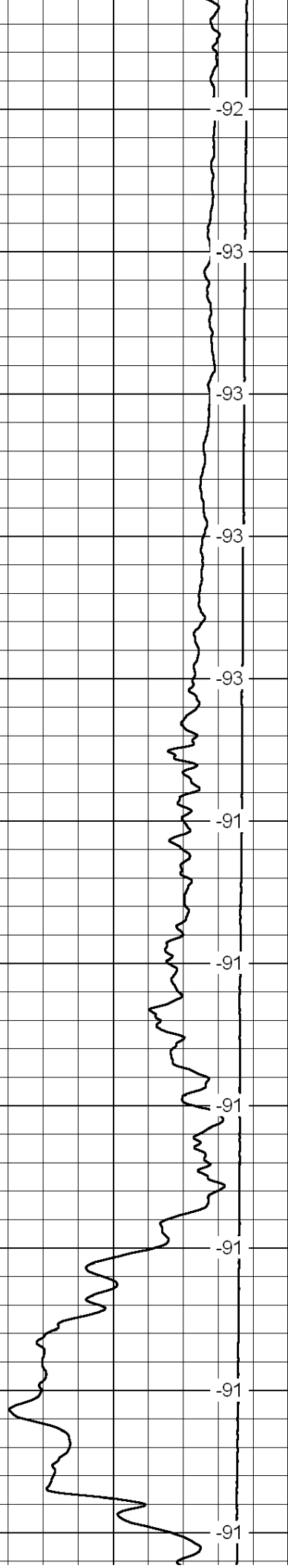
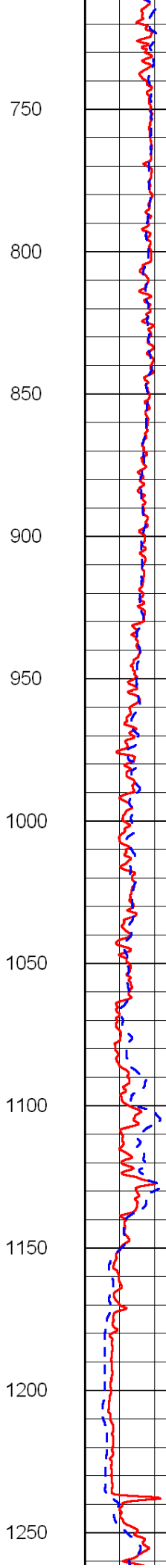
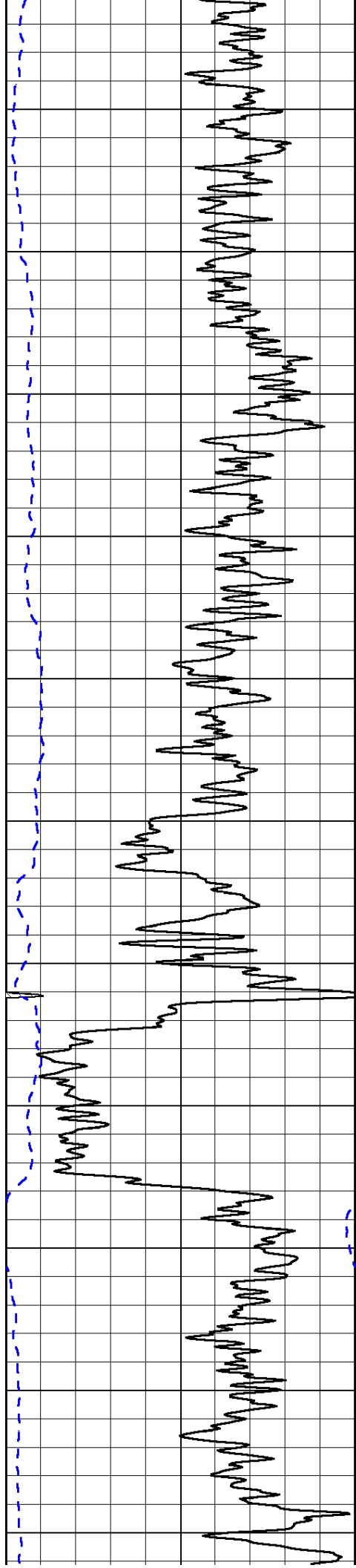
Database File: c:\warrior\data\norstar_t schertz #2-32\norhd.db
Dataset Pathname: DIL\norstck
Presentation Format: dil2in
Dataset Creation: Wed Mar 07 08:44:10 2012
Charted by: Depth in Feet scaled 1:600

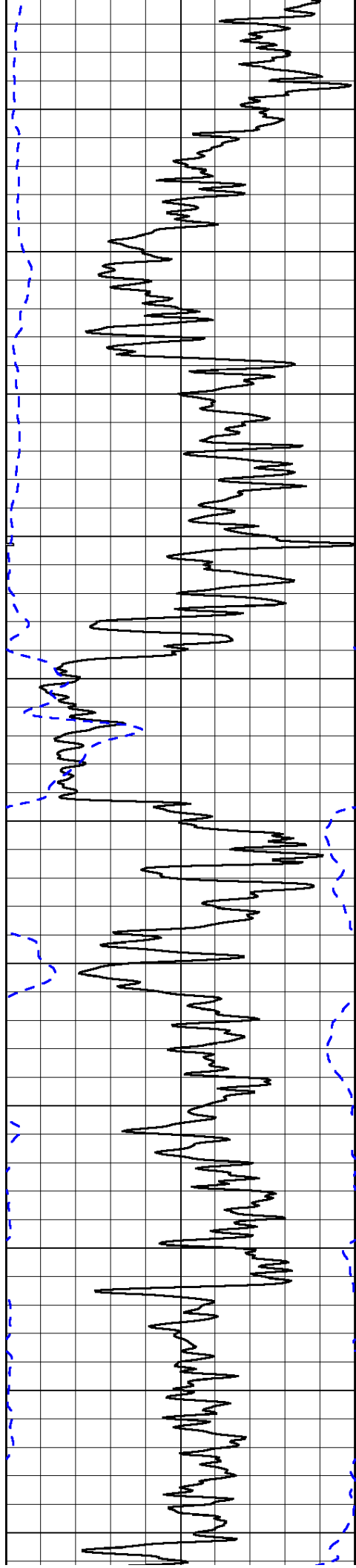
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

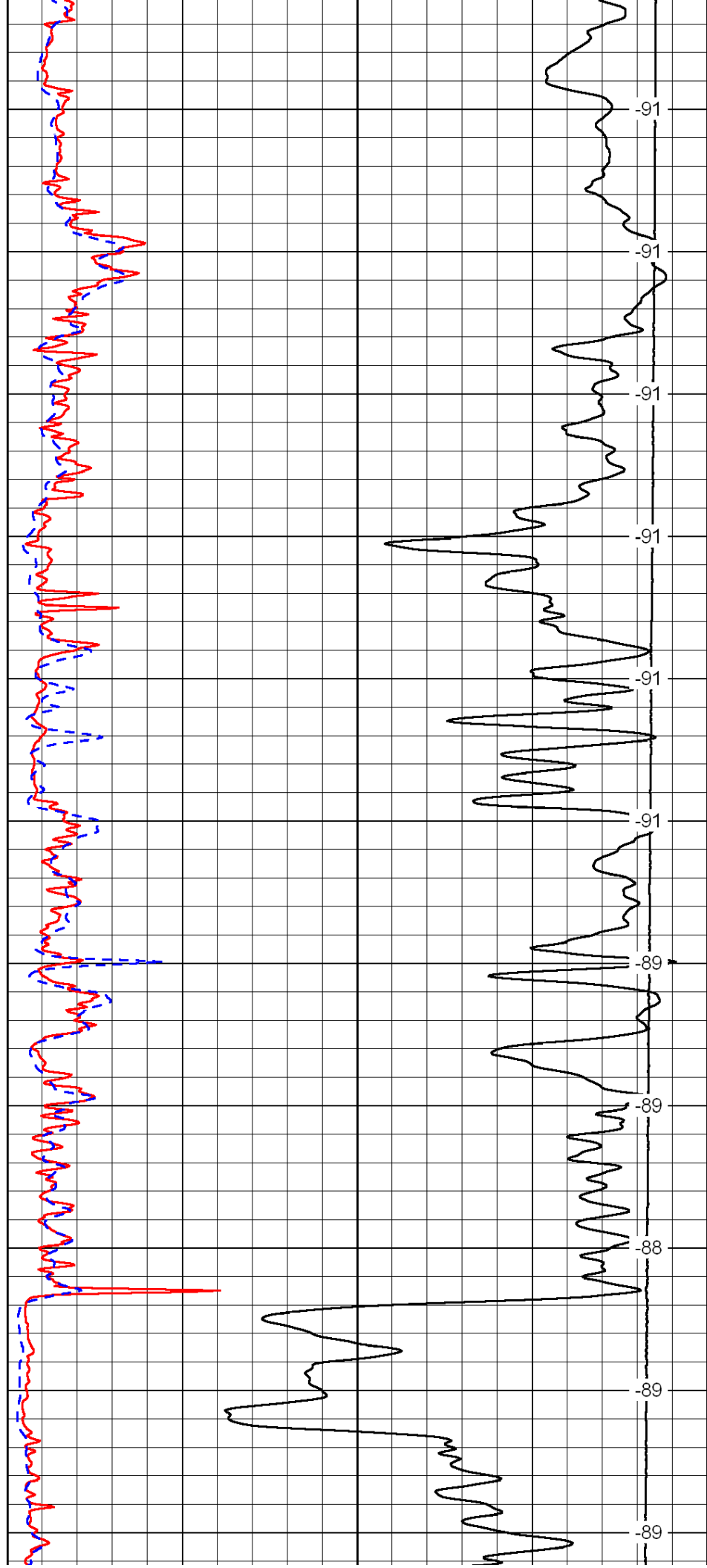
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

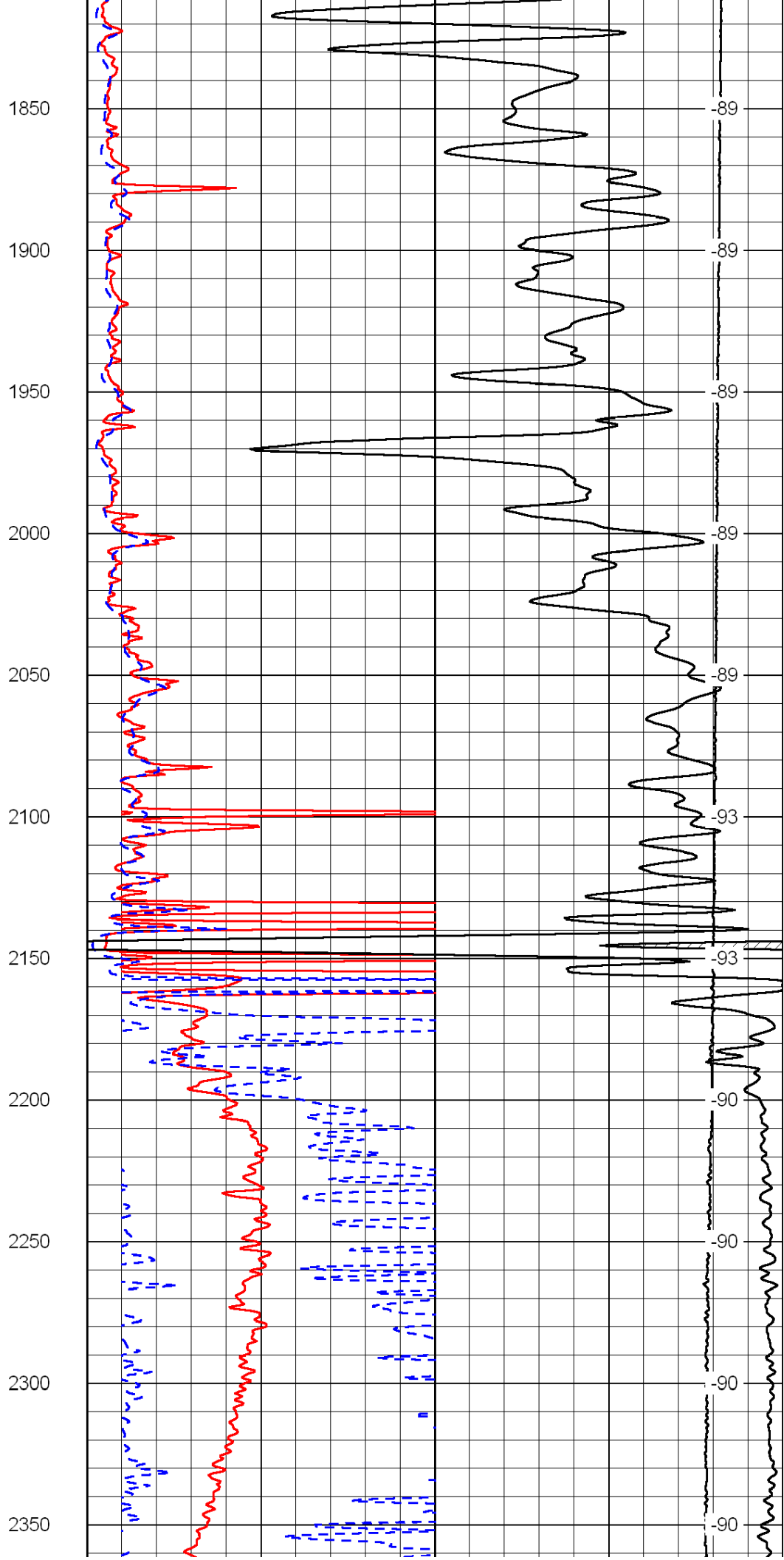
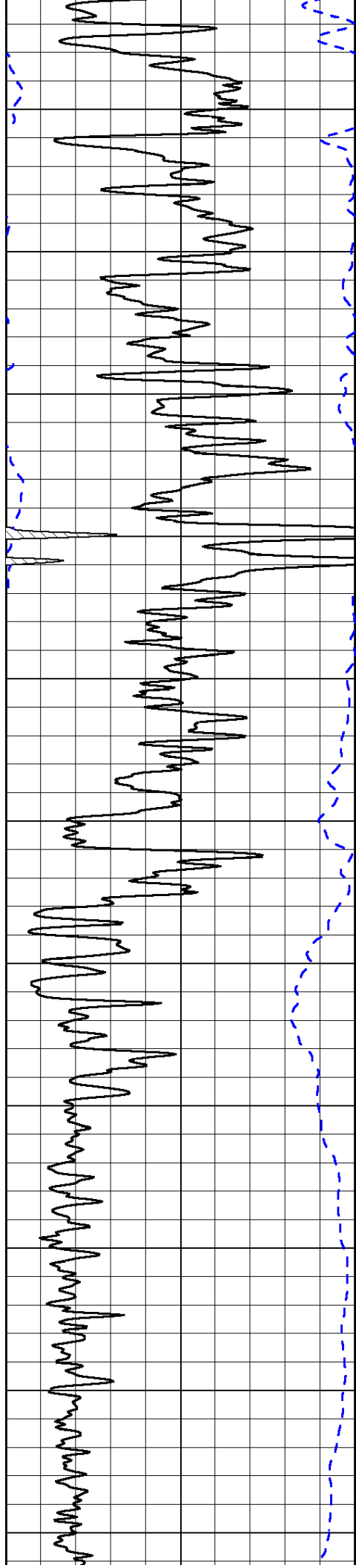


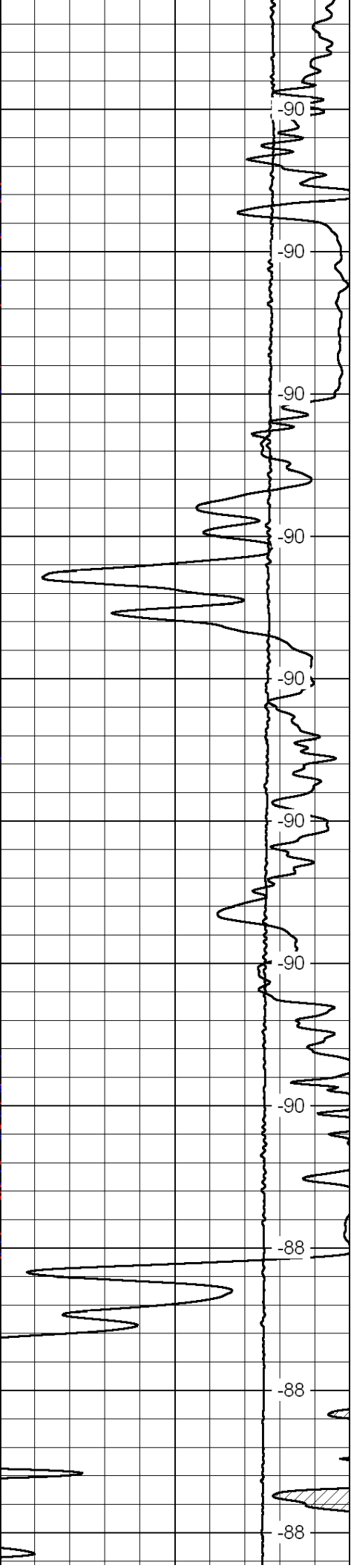
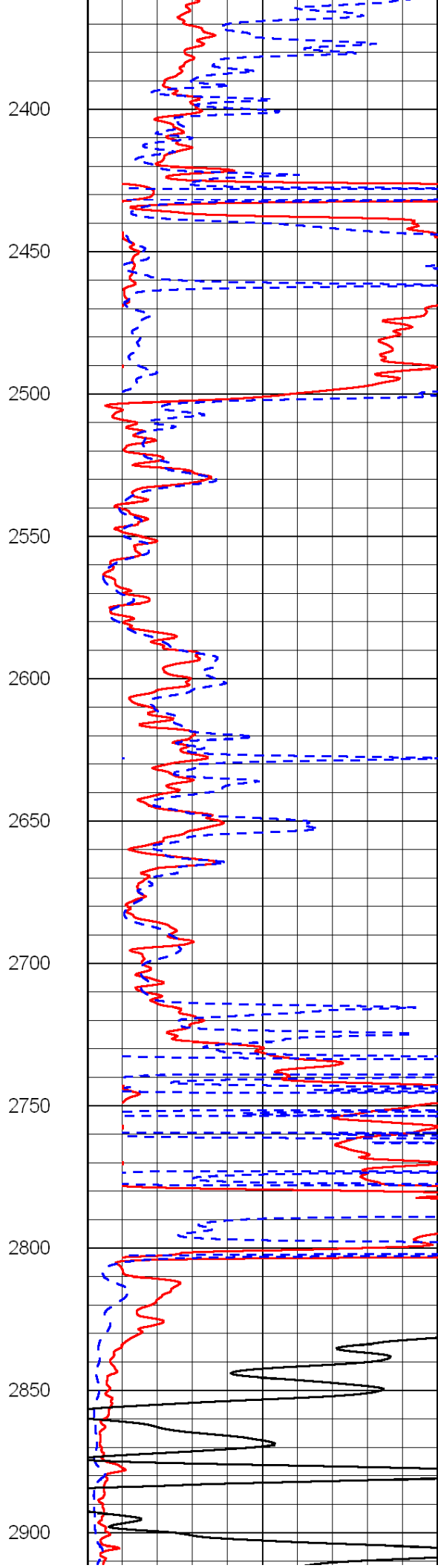
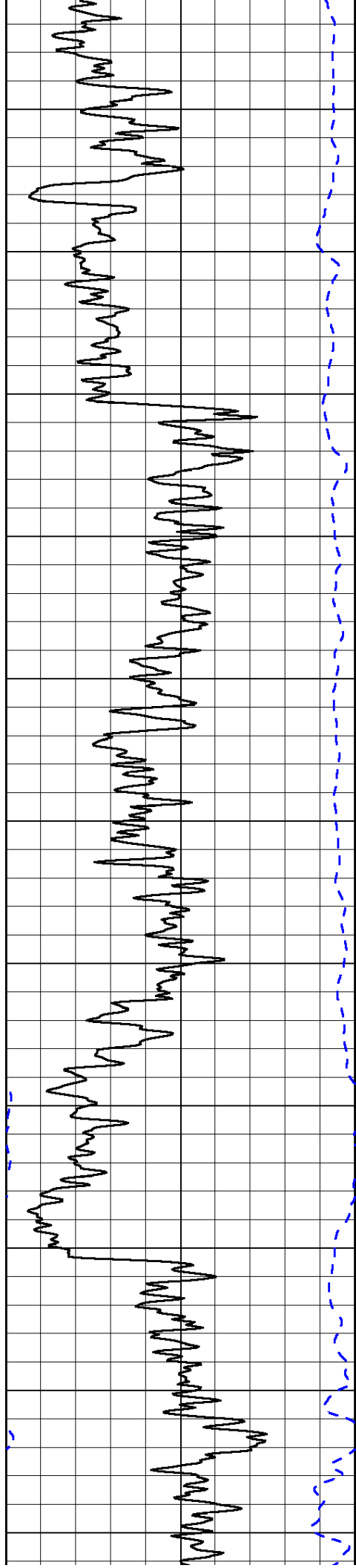


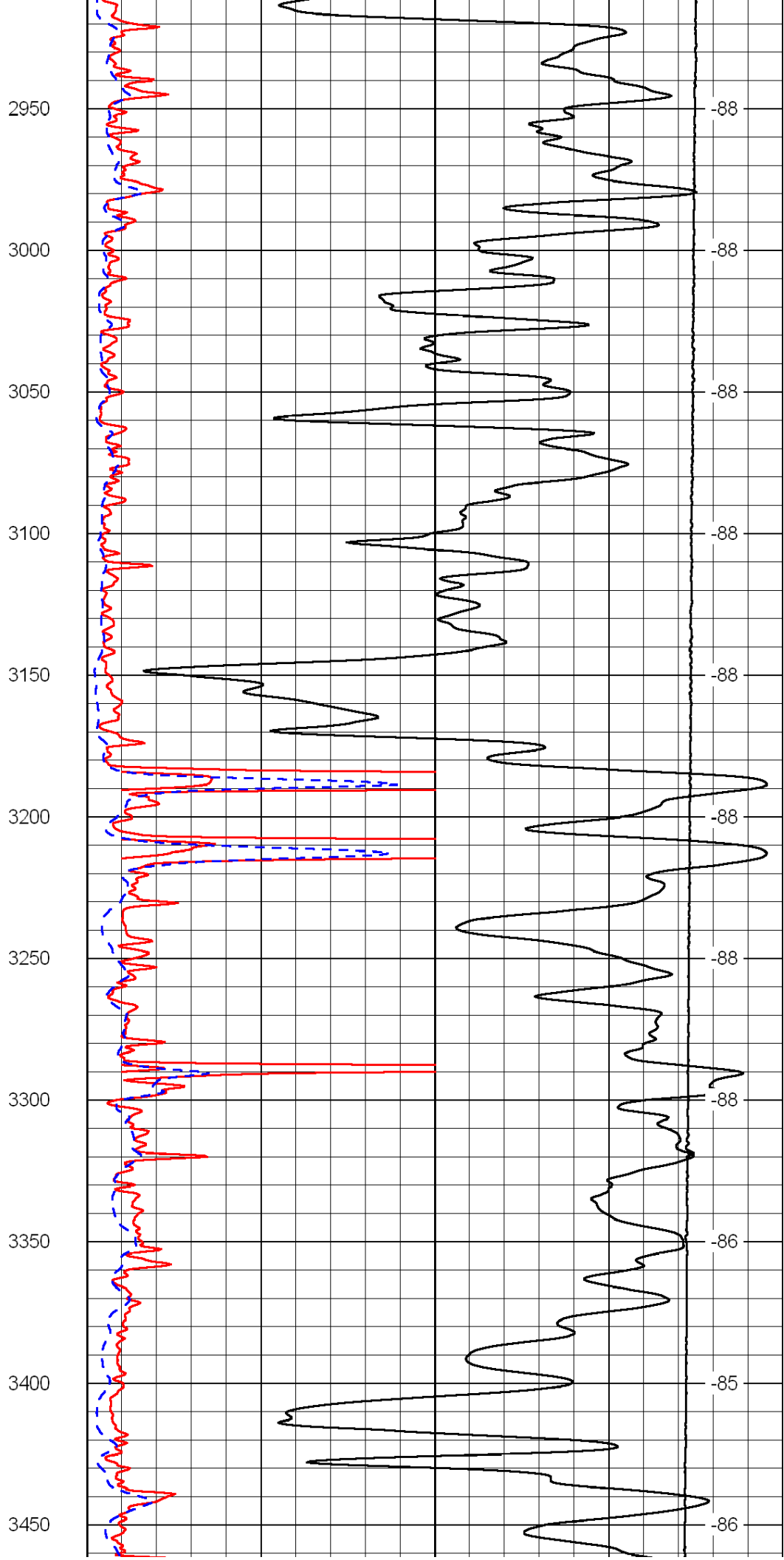
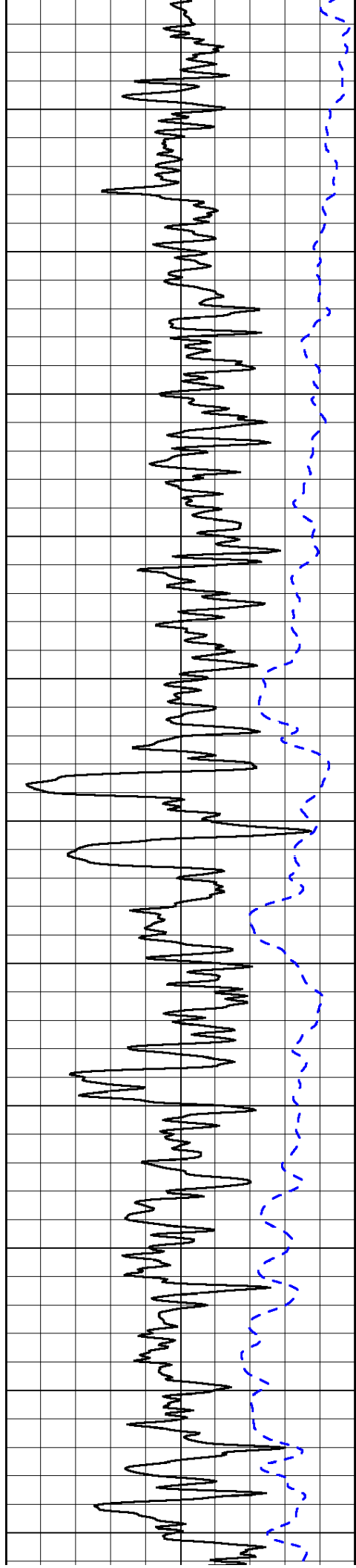


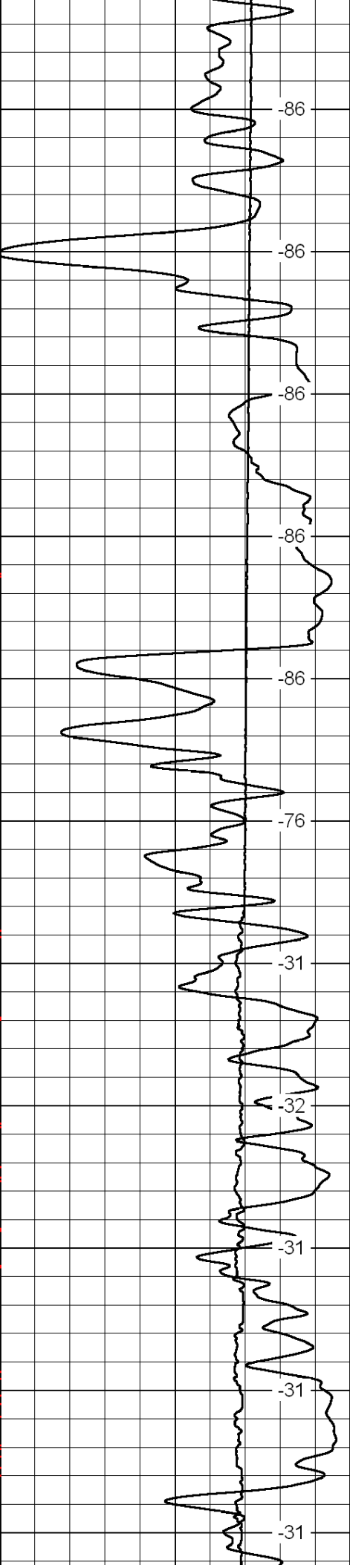
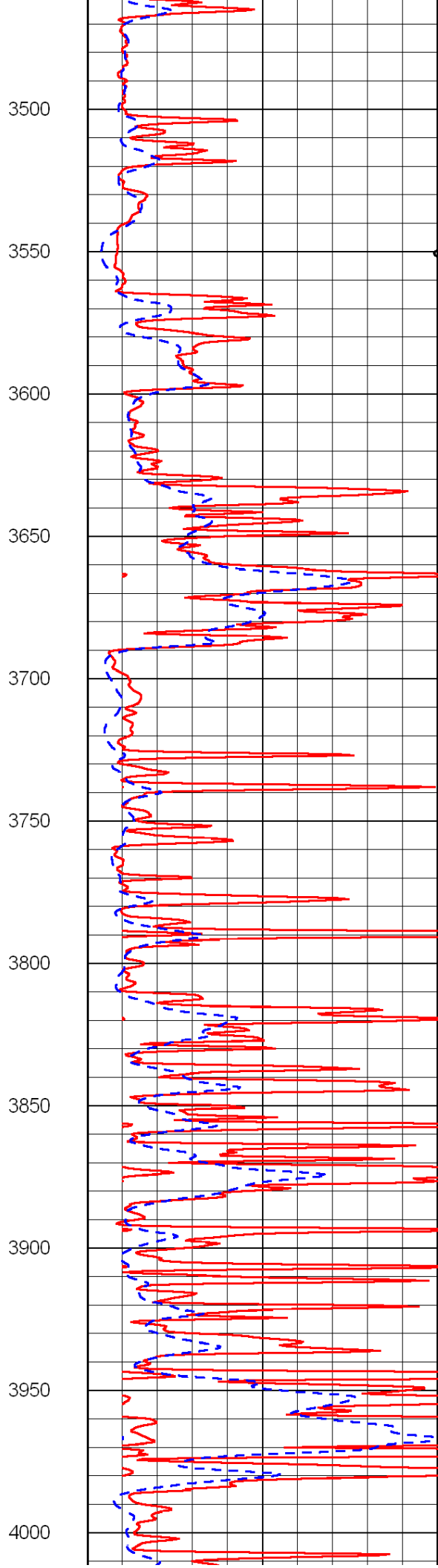
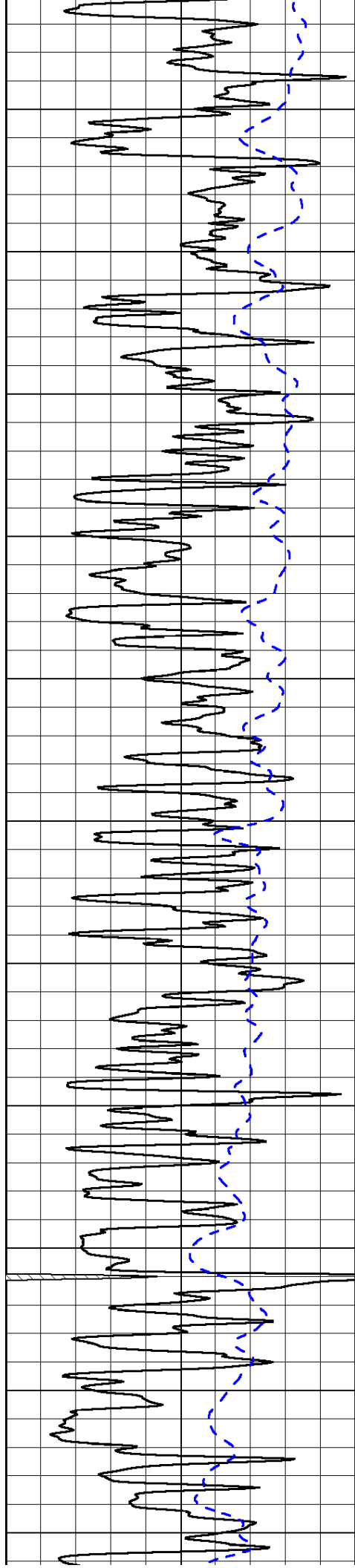
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800

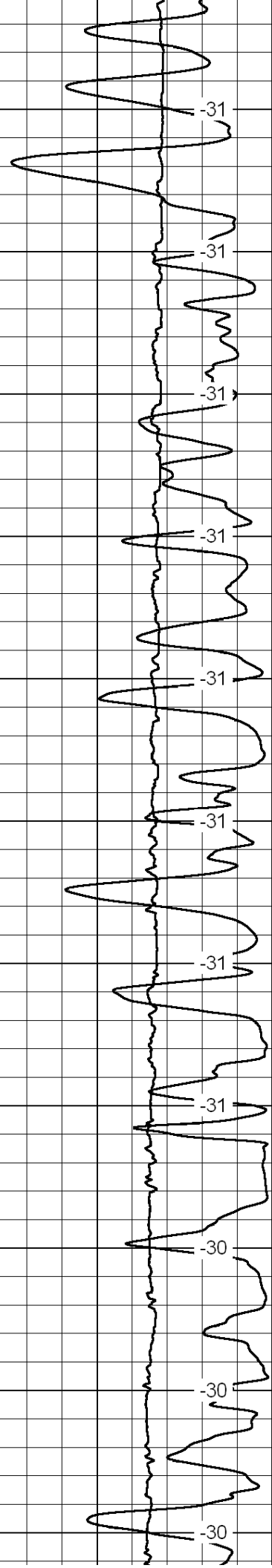
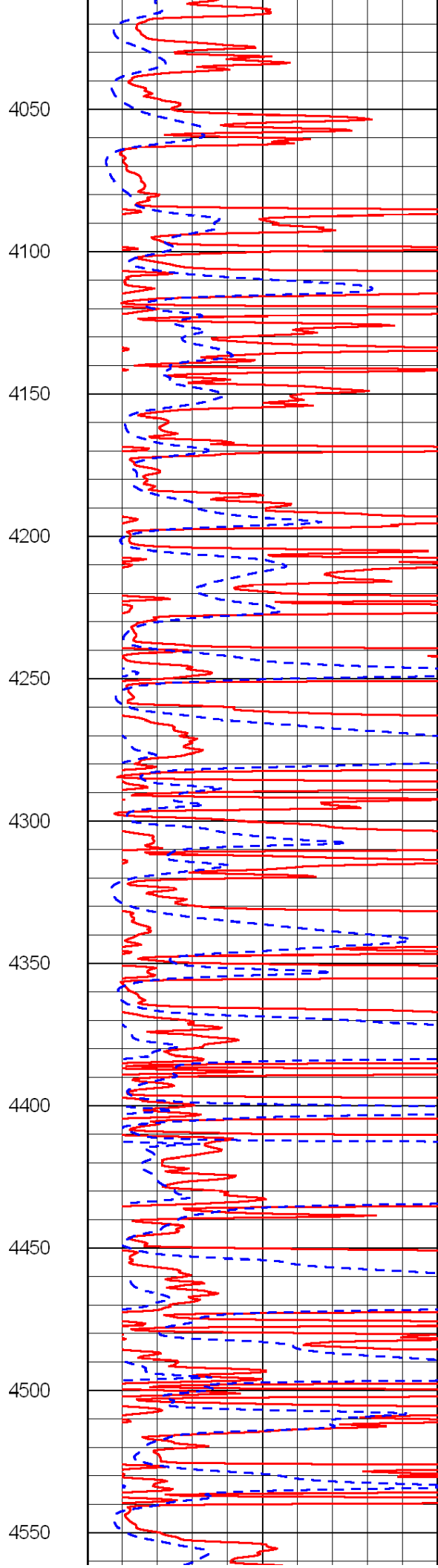
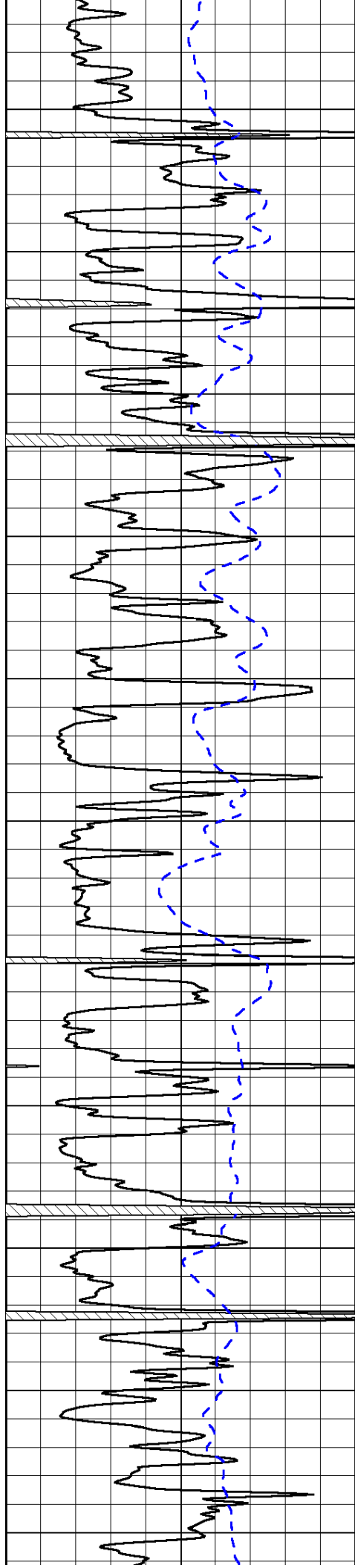


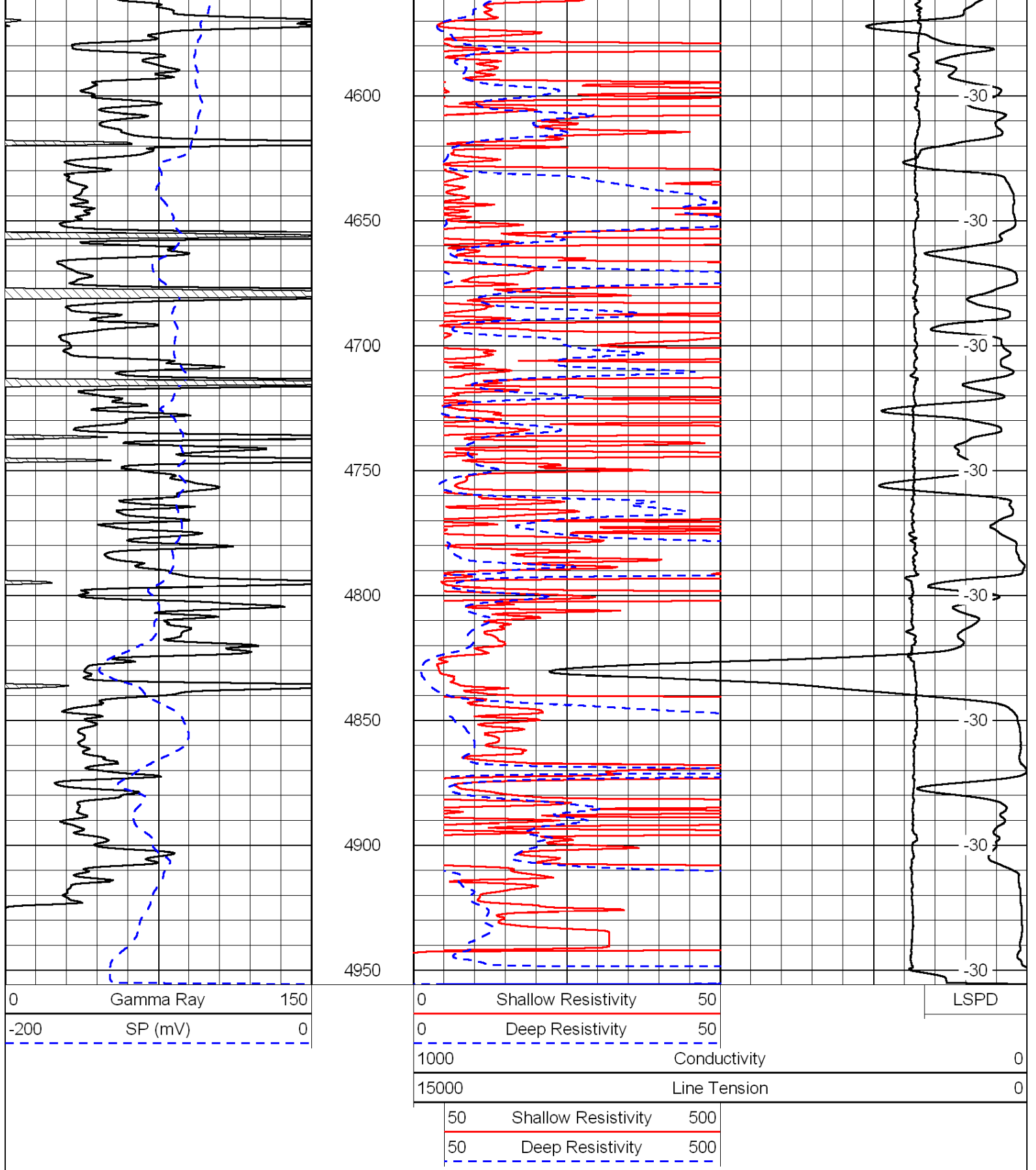




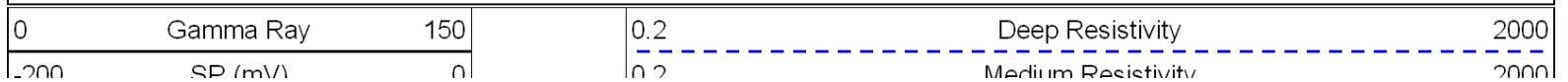




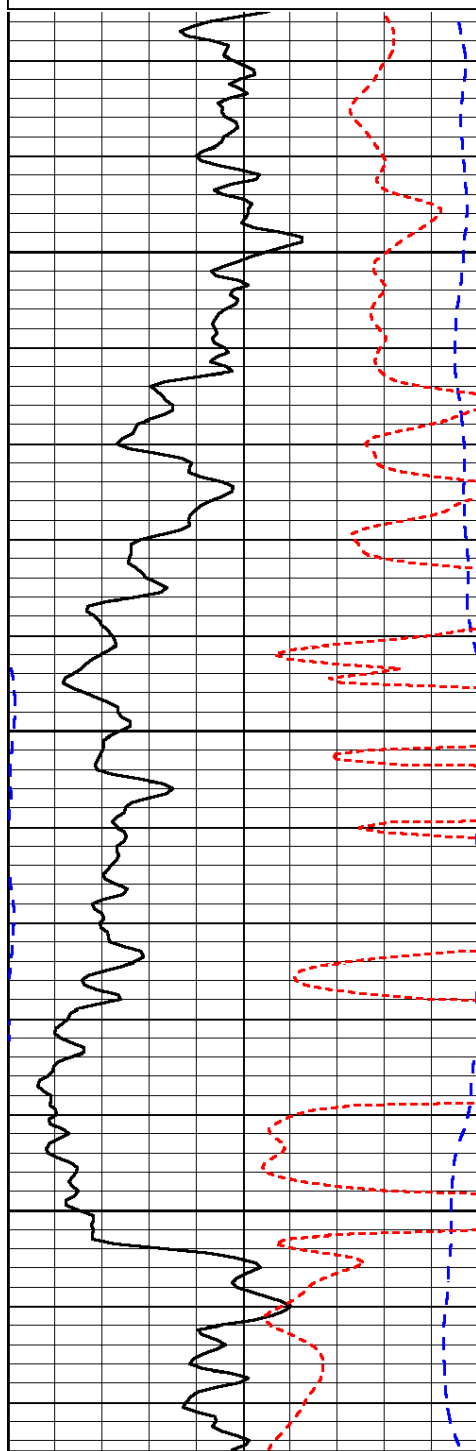




Database File: c:\warrior\data\norstar_tschertz #2-32\norhd.db
Dataset Pathname: DIL\norstck
Presentation Format: dil
Dataset Creation: Wed Mar 07 08:44:10 2012
Charted by: Depth in Feet scaled 1:240



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



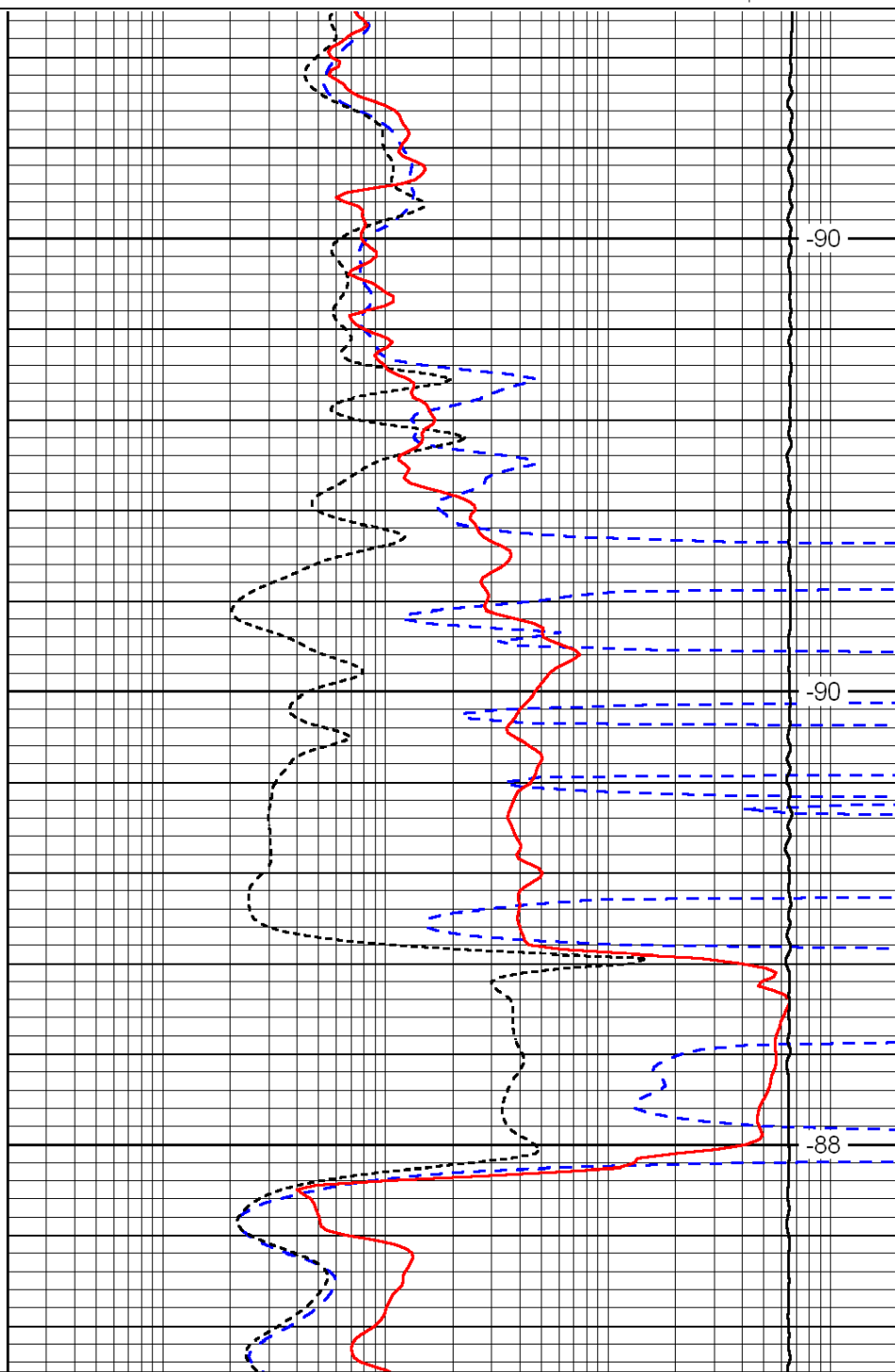
0 Gamma Ray 150
-200 SP (mV) 0
-160 Rxo / Rt 40

2700

2750

2800

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



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

LSPD

-90

-90

-88

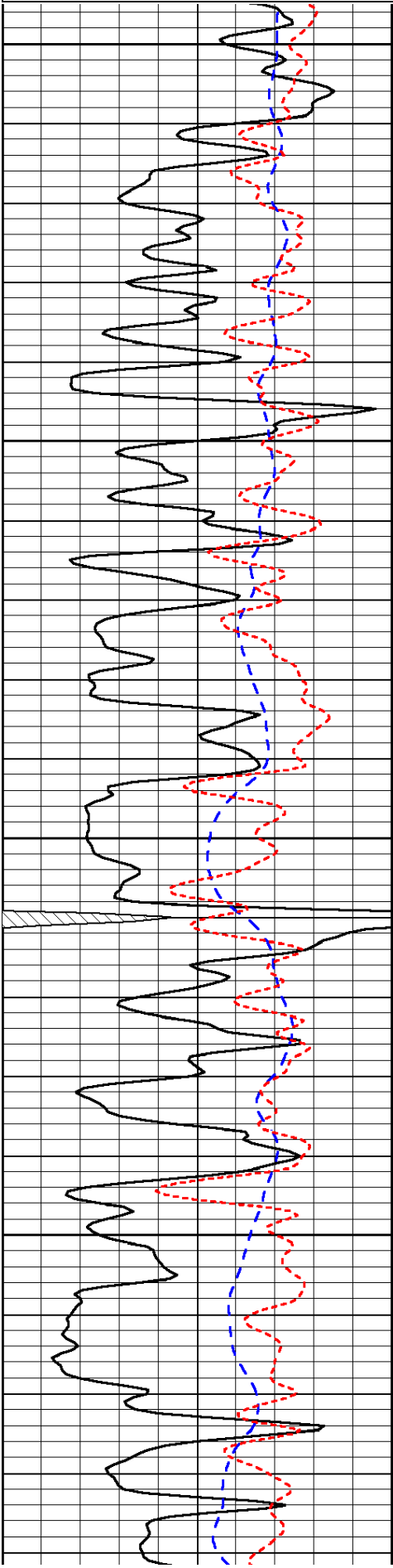
LSPD

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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

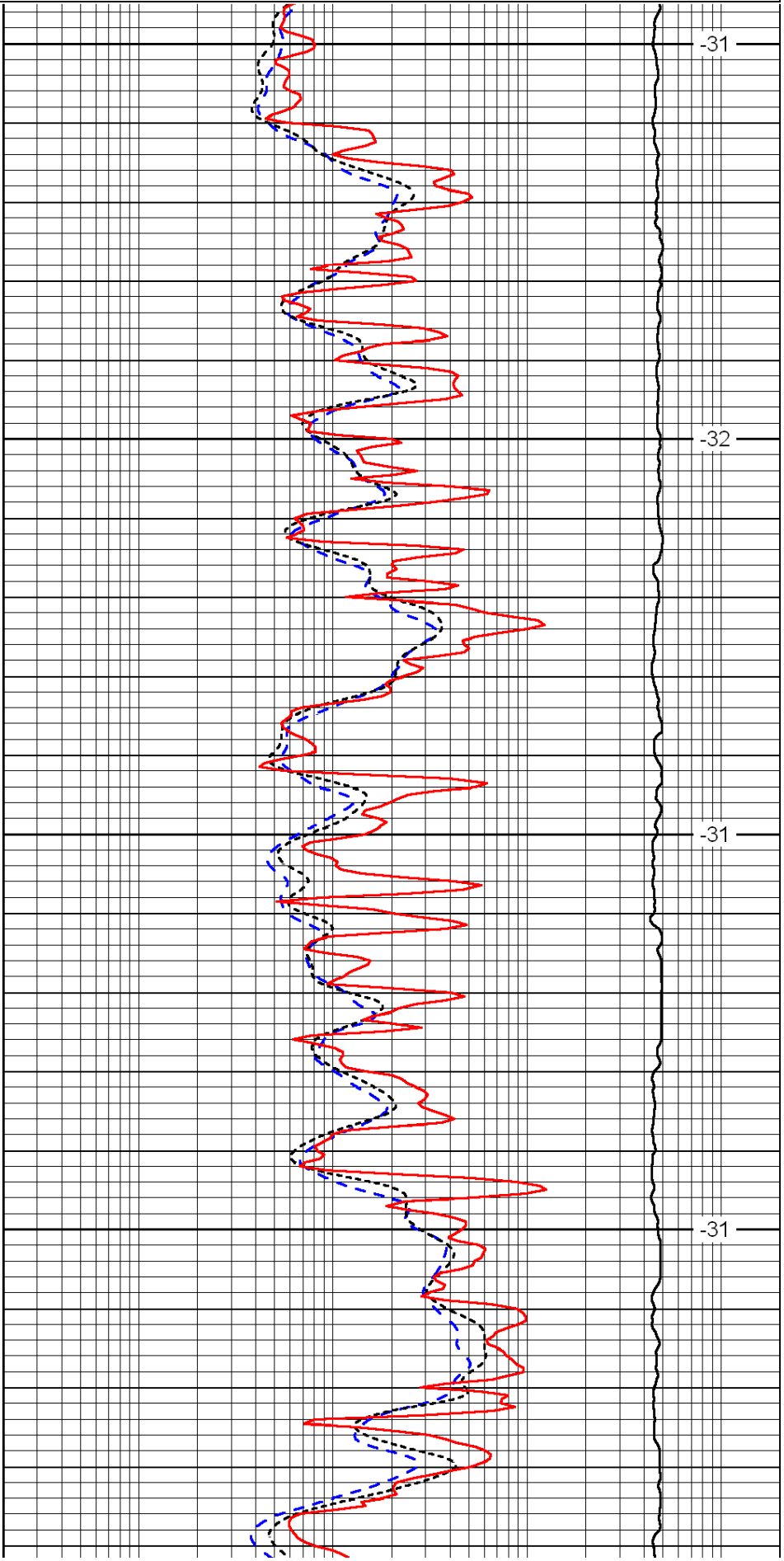


3800

3850

3900

3950

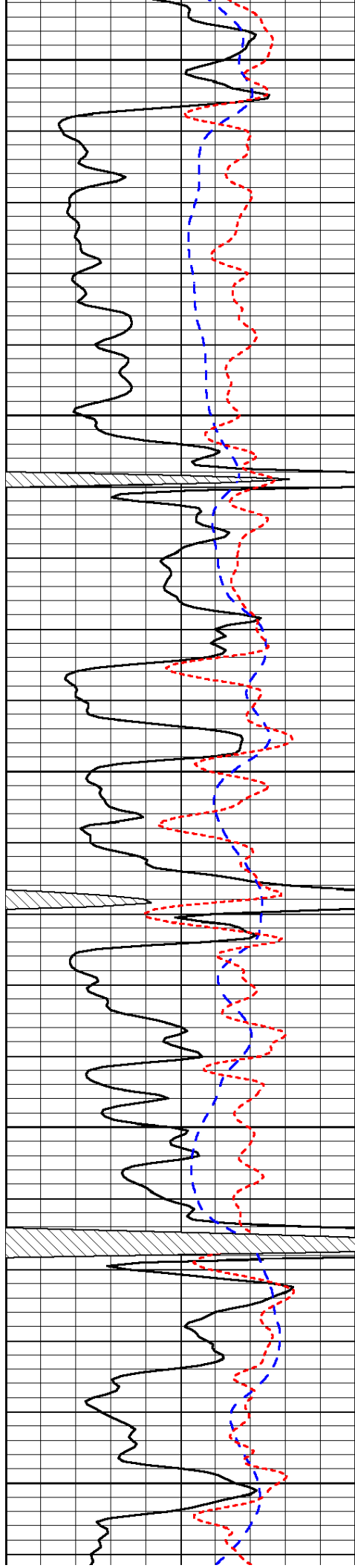


-31

-32

-31

-31



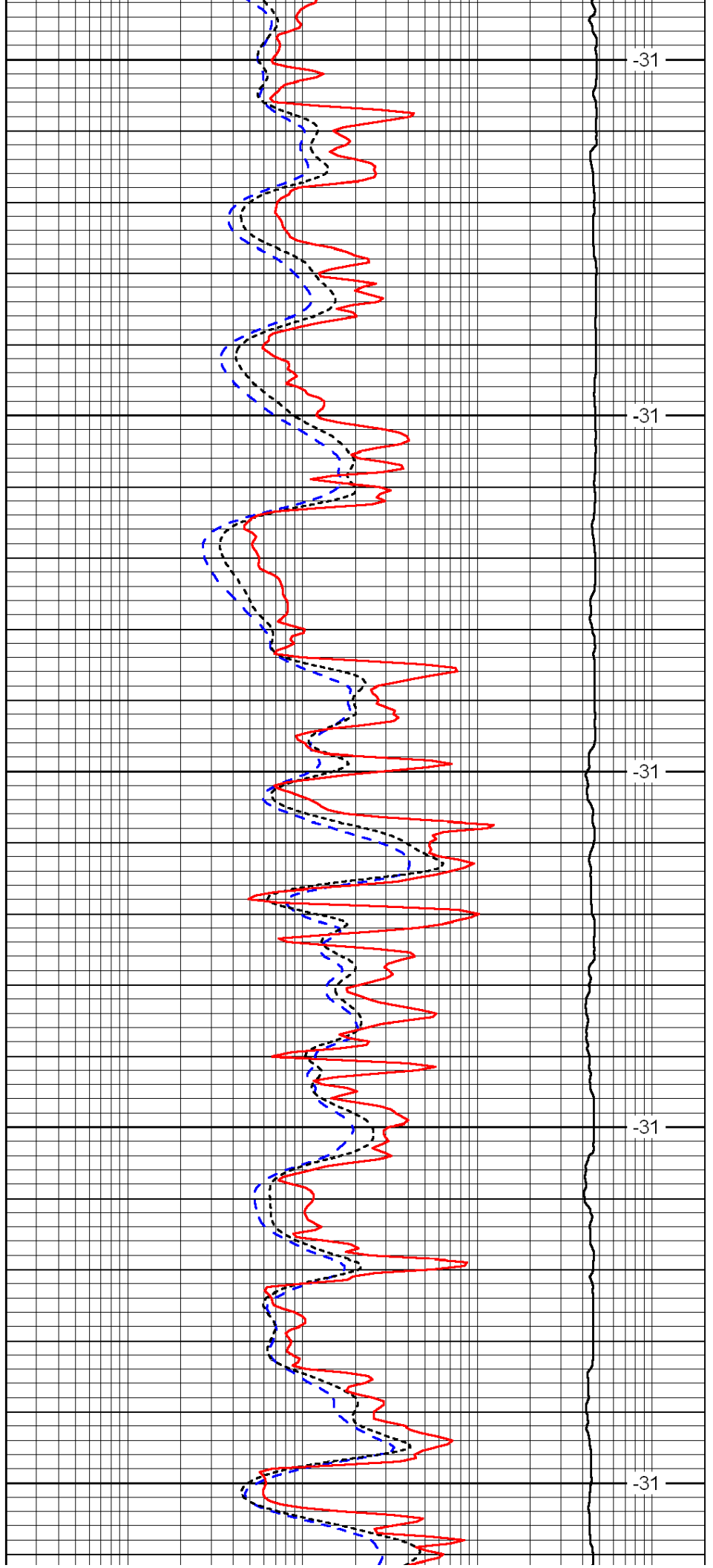
4000

4050

4100

4150

4200



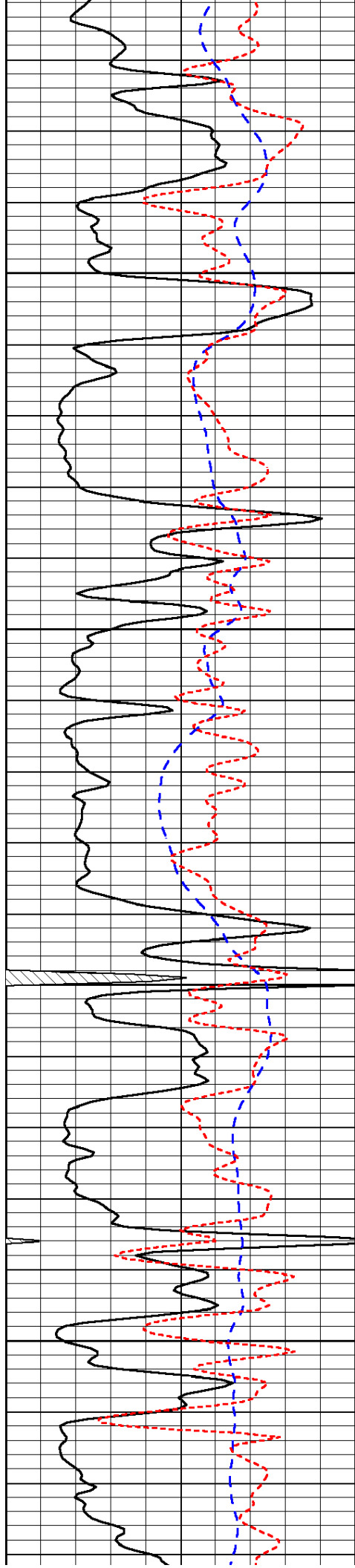
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-31

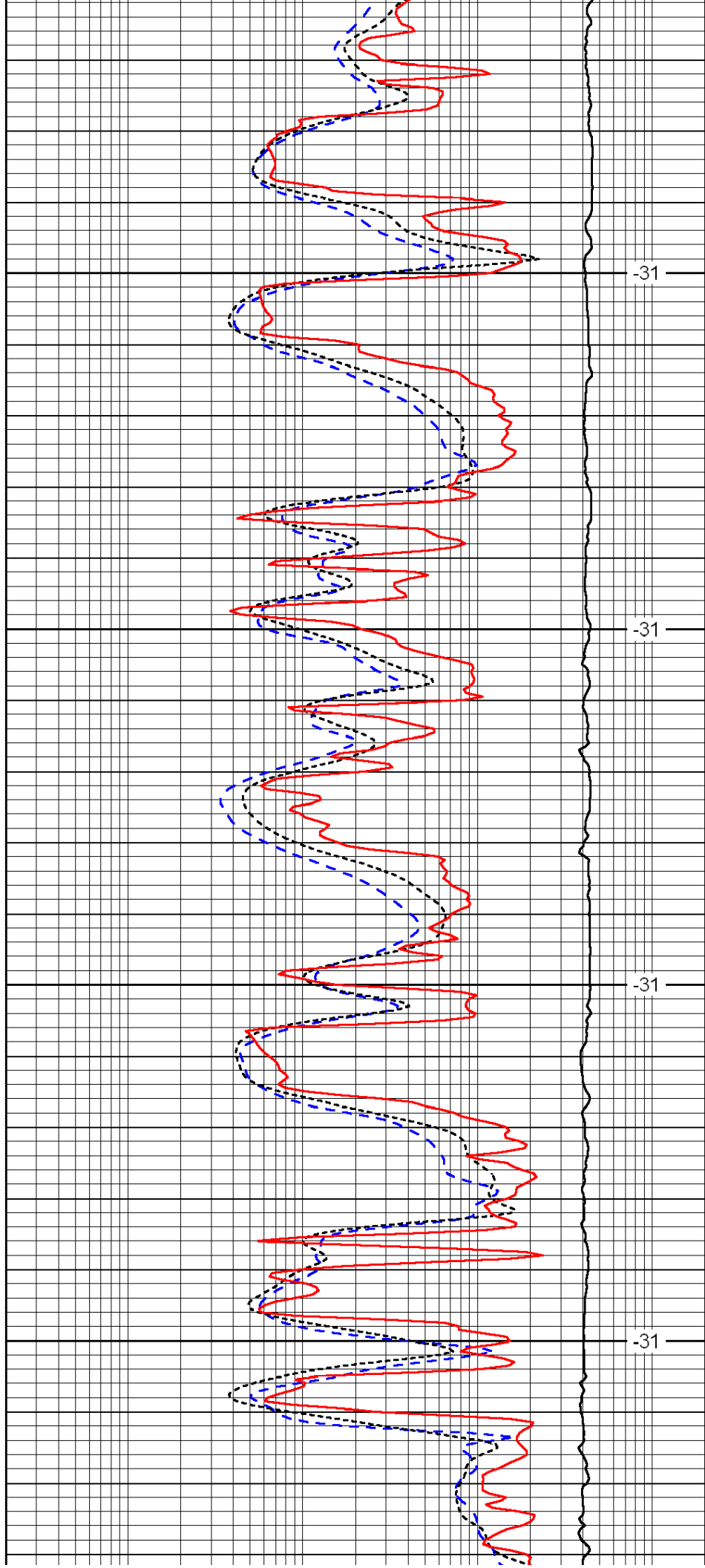


4250

4300

4350

4400

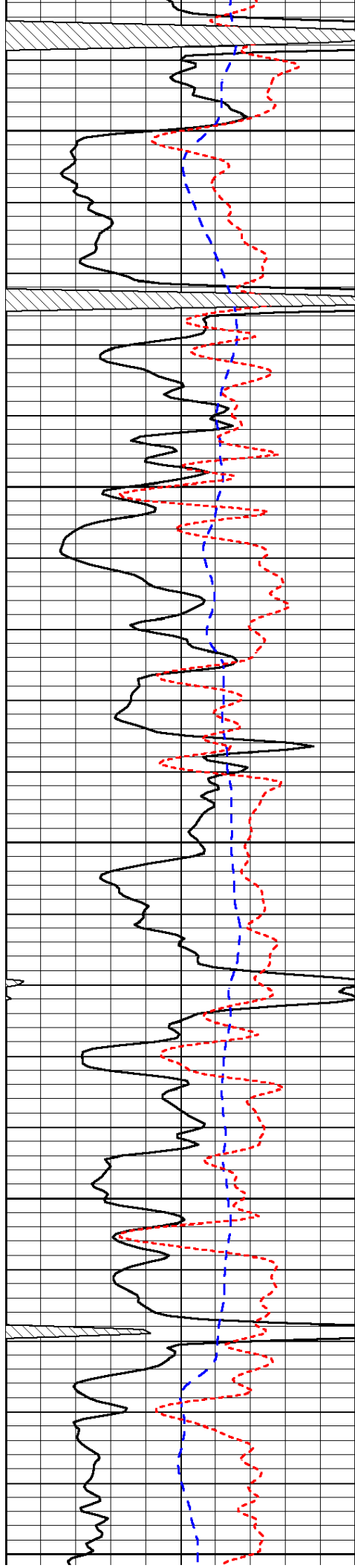


-31

-31

-31

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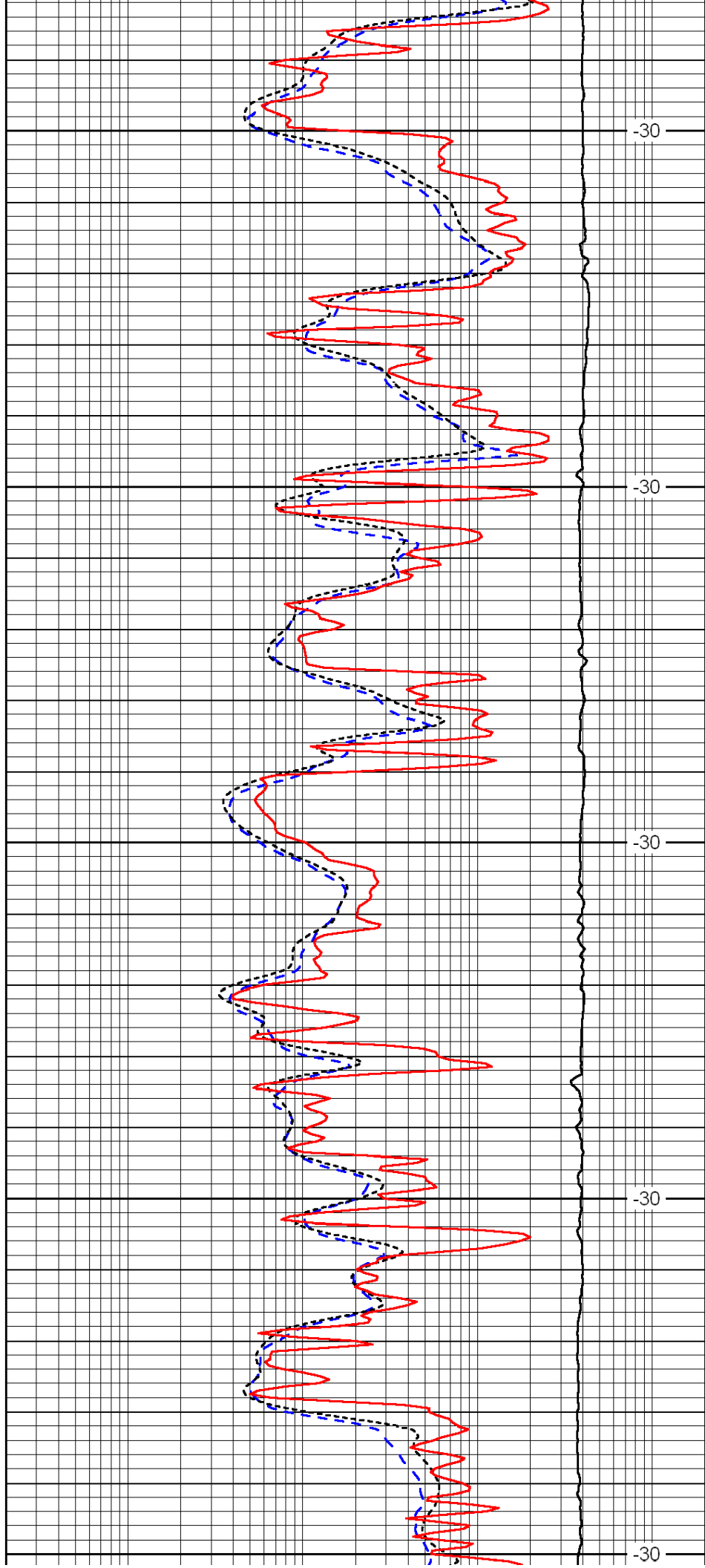
4450

4500

4550

4600

4650



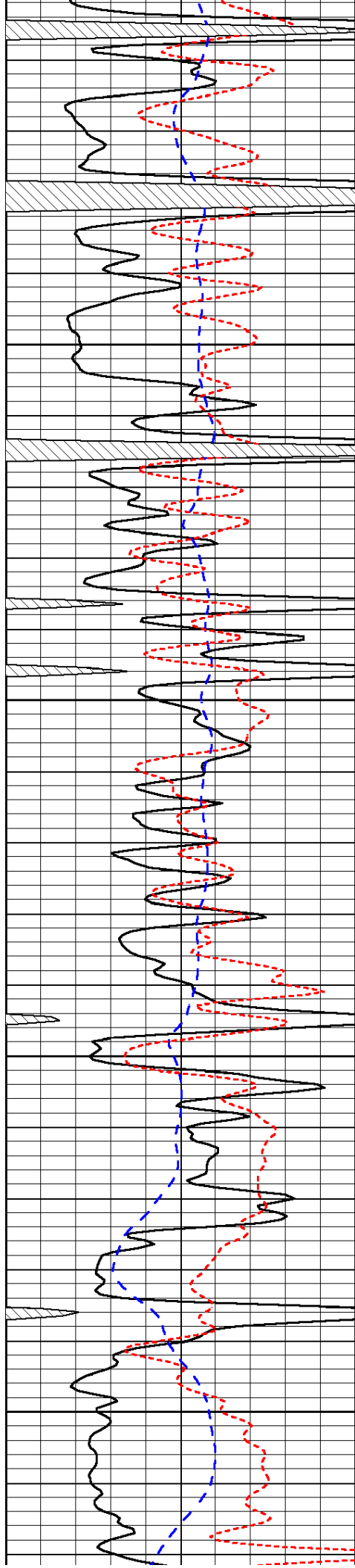
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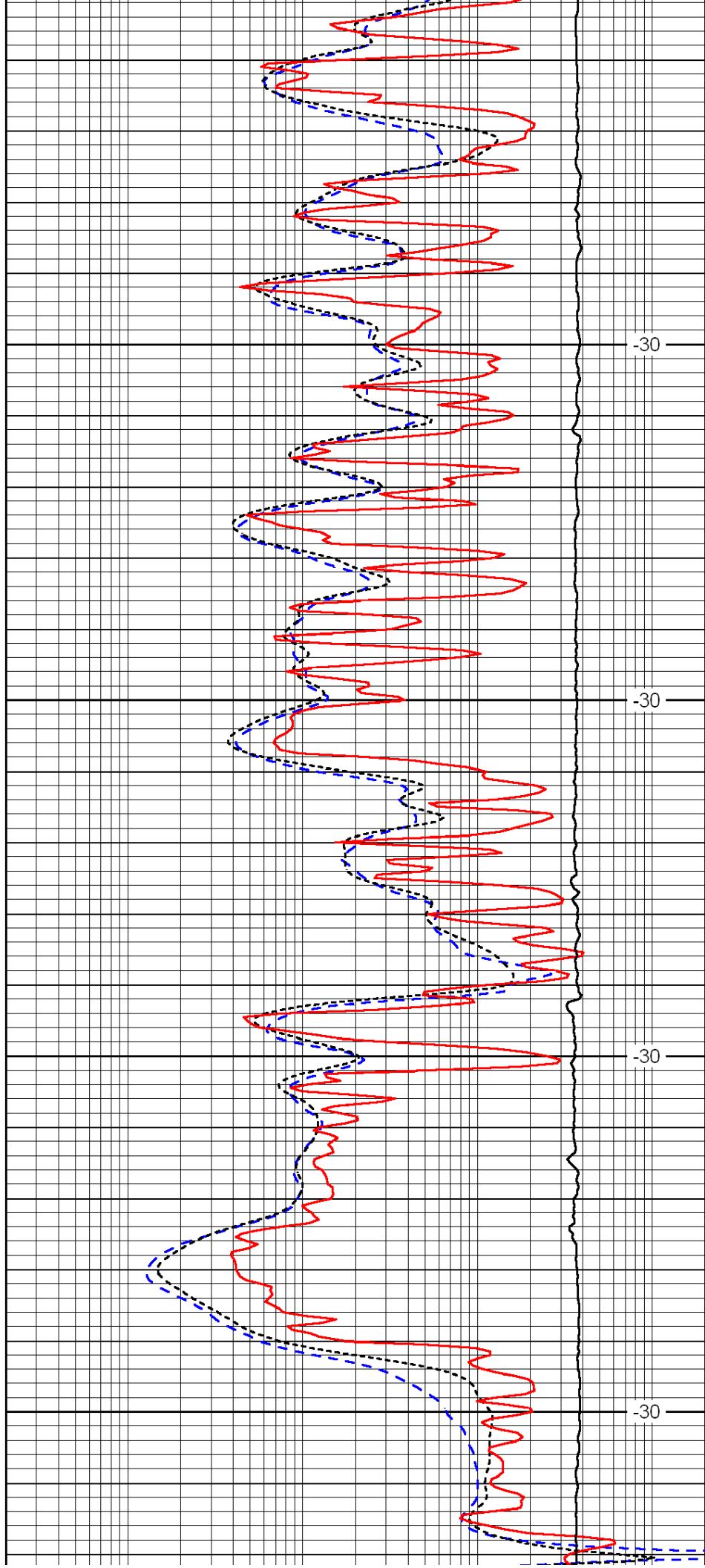


4700

4750

4800

4850

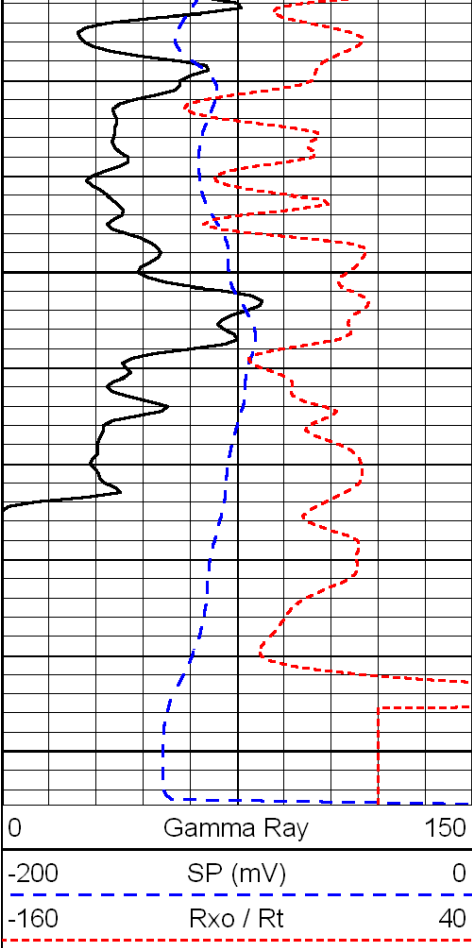


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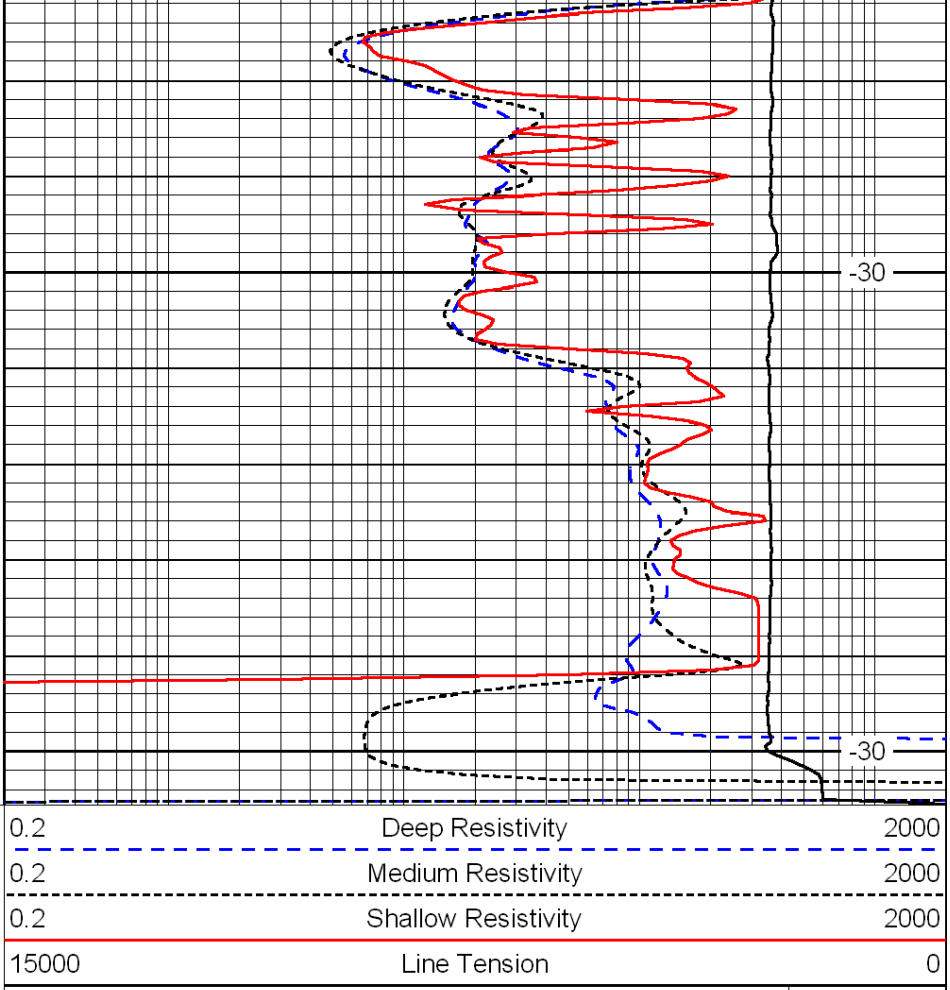
-30

-30



4900

4950



-30

-30

LSPD