



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company Mak-J Energy Kansas, LLC	
15-101-22,215-00-00		Well RM Schadel No. 15 - 9	
Field Wildcat		County Lane State Kansas	
Location 744' FSL & 1907' FEL		Other Services CNL/CDL MEL/BHCS	
Sec: 9 Twp: 17 S Rge: 30 W		Elevation	
Permanent Datum Ground Level		K.B. 2880	
Log Measured From Kelly Bushing		D.F. 2870	
Drilling Measured From Kelly Bushing		G.L. 2870	
Date	3/10/2010		
Run Number	One		
Depth Driller	4600		
Depth Logger	4596		
Bottom Logged Interval	4595		
Top Log Interval	300		
Casing Driller	8.625 @ 308		
Casing Logger	304		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2.800		
Density / Viscosity	9.2 50		
pH / Fluid Loss	10.0 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.4 @ 62		
Rmf @ Meas. Temp	1.05 @ 62		
Rmc @ Meas. Temp	1.89 @ 62		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.70 @ 124		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	124		
Equipment Number	10		
Location	Hays		
Recorded By	J Wellbrock		
Witnessed By	Steve Murphy		

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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

Healy, 3/4 W, 1/2 S, W Into

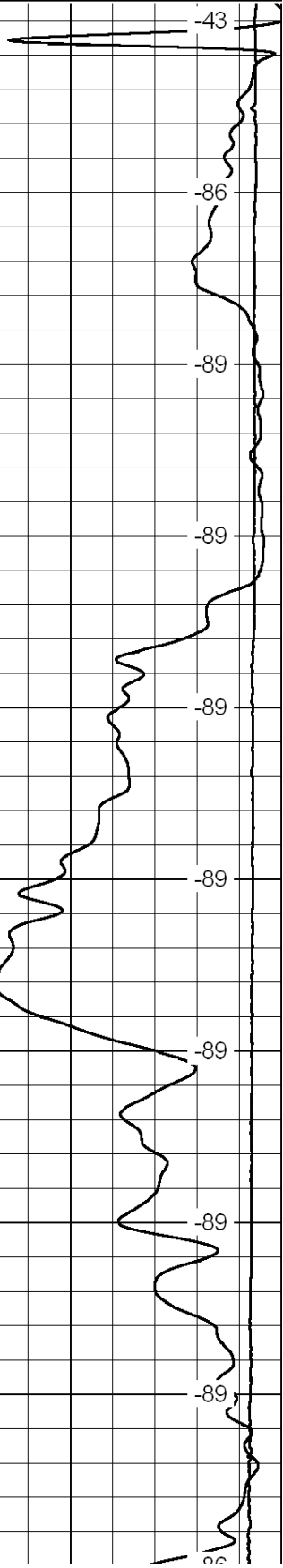
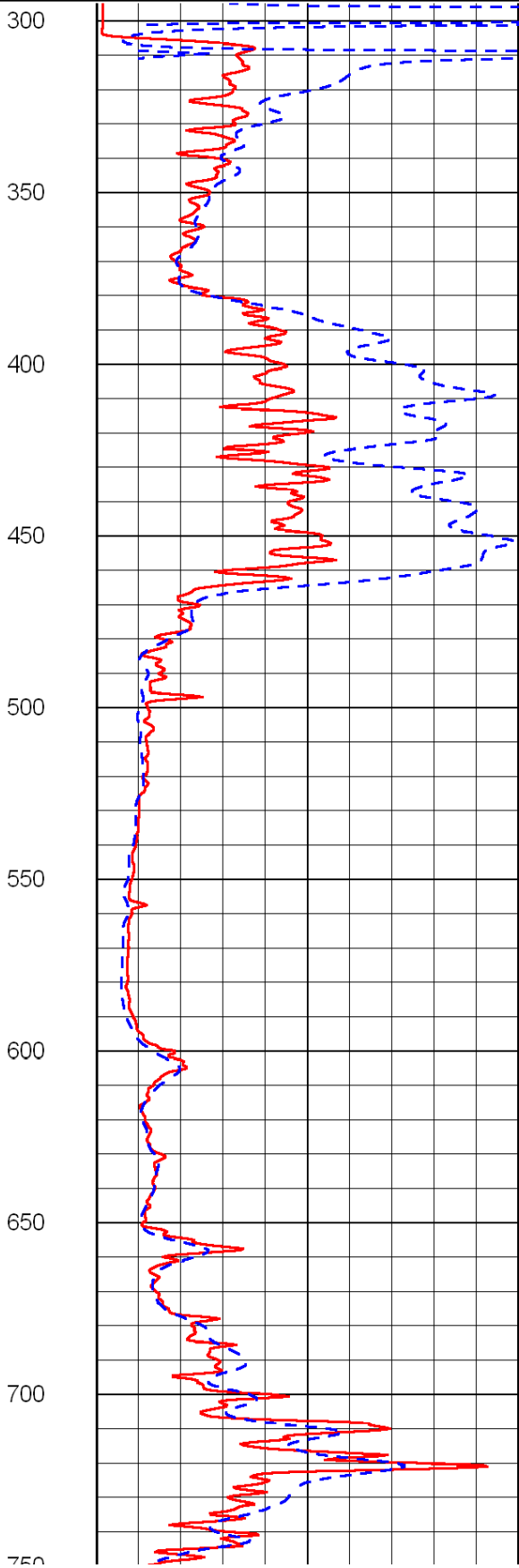
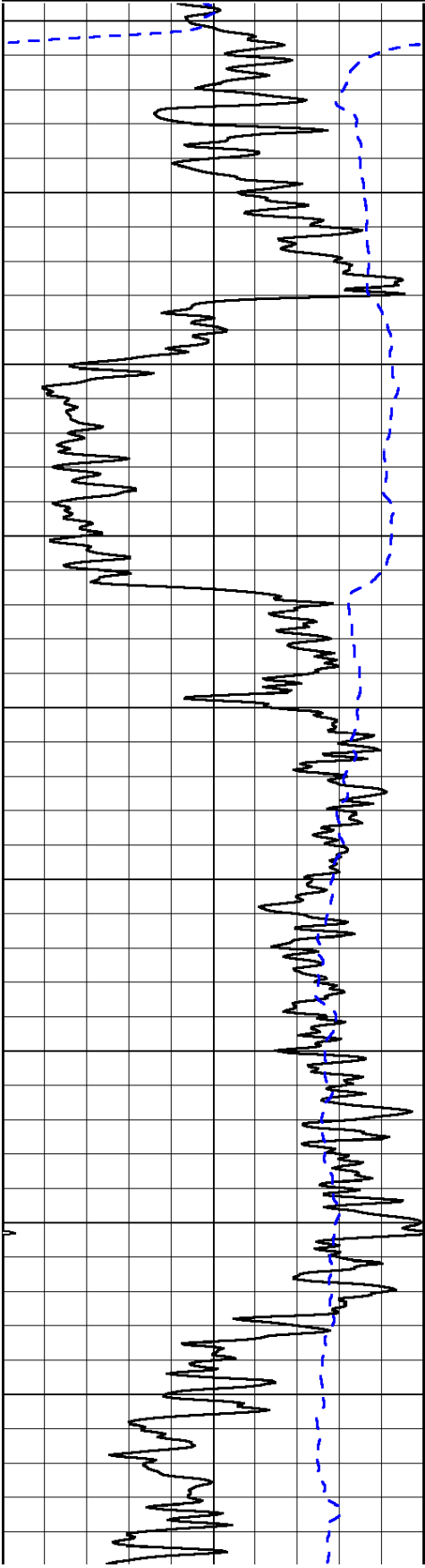
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-200	SP (MV)	0

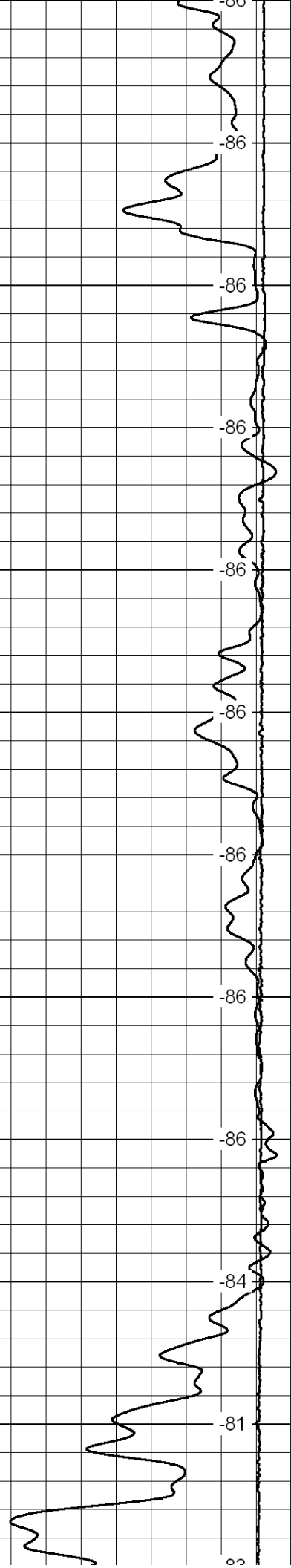
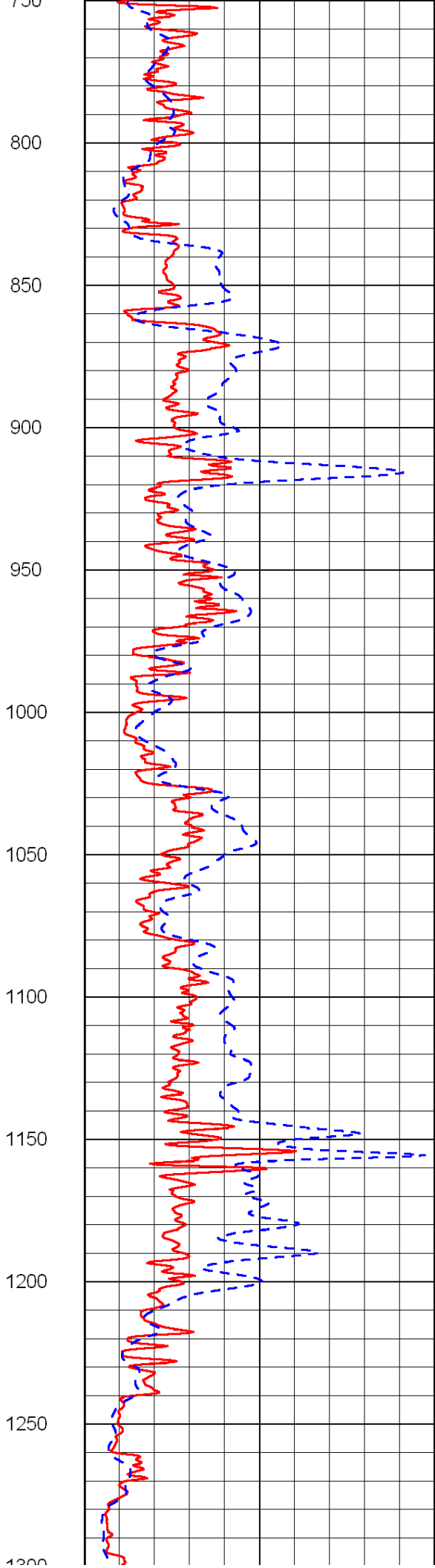
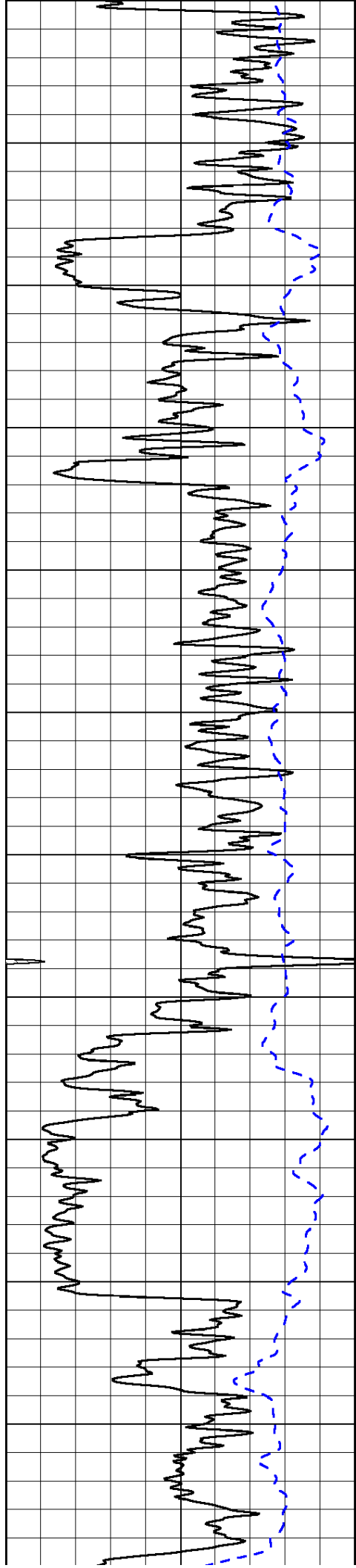
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50

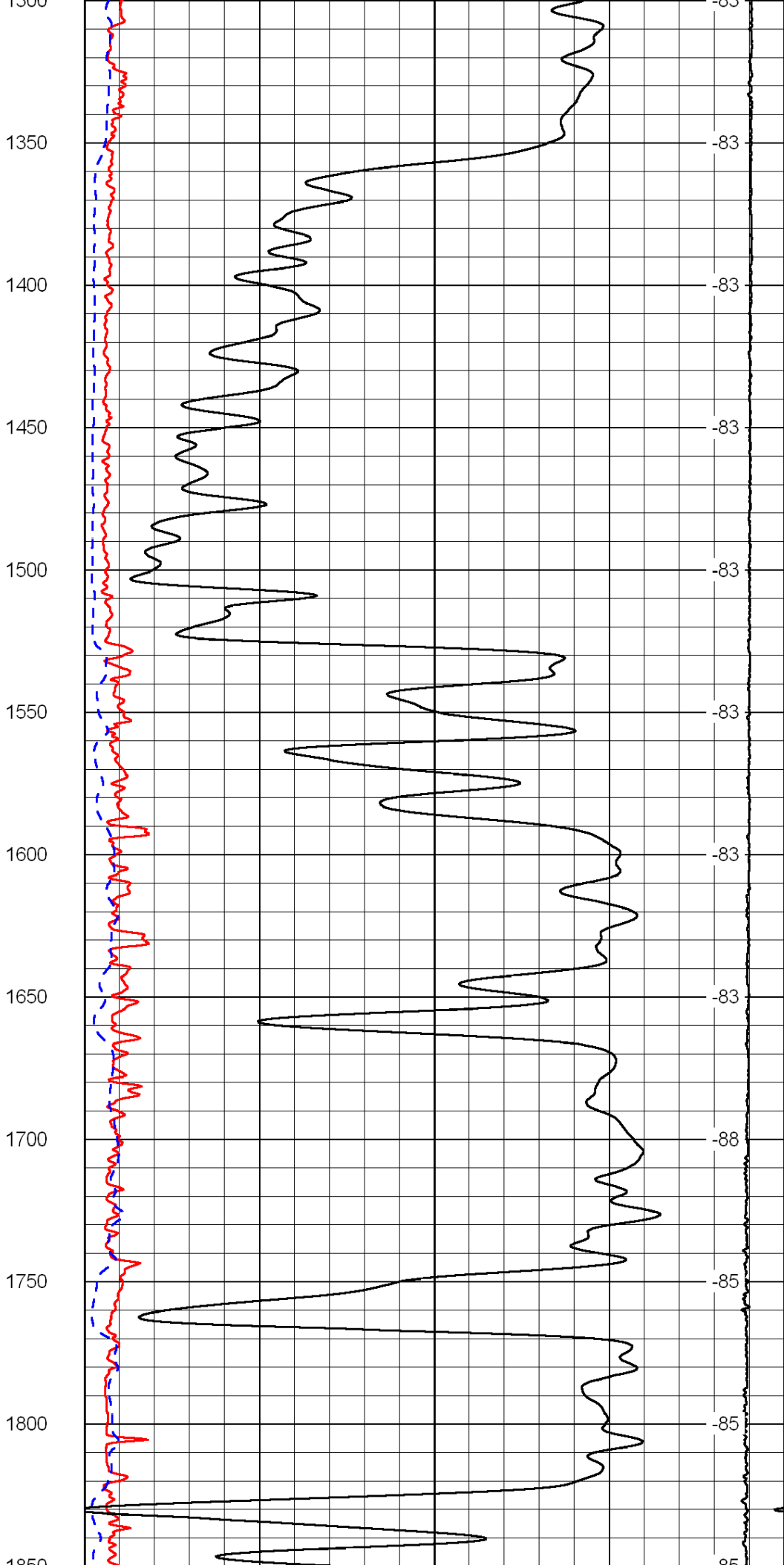
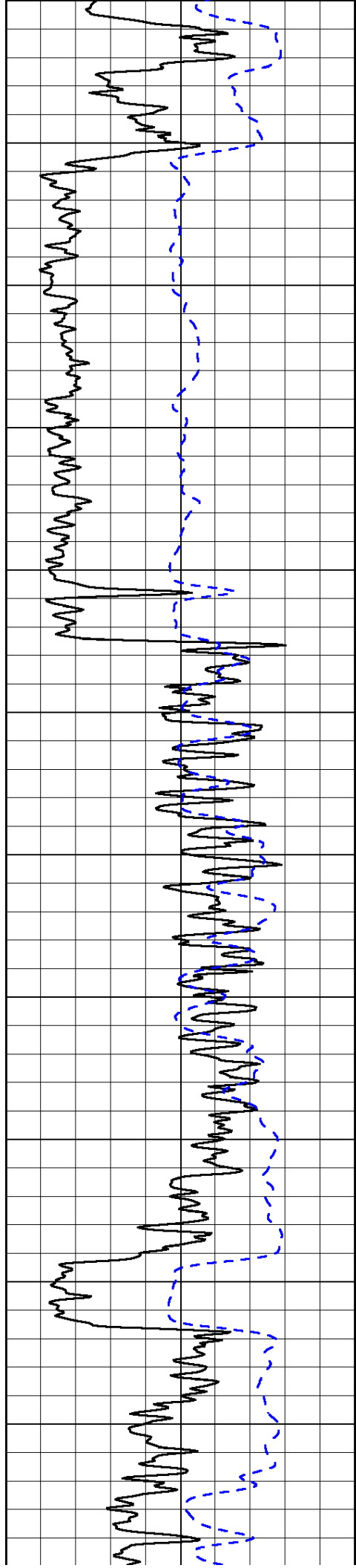
LSPD
(ft/min)

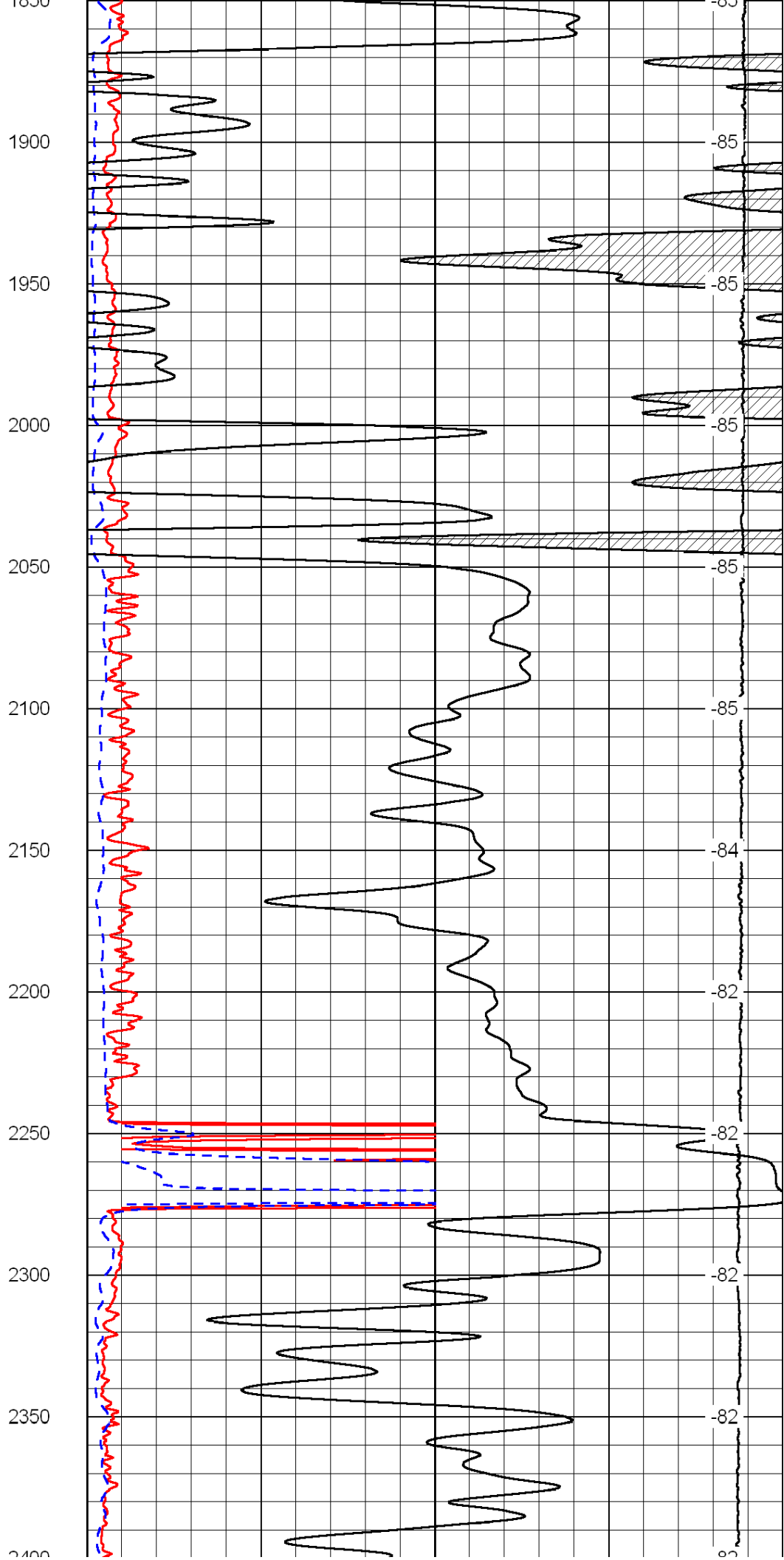
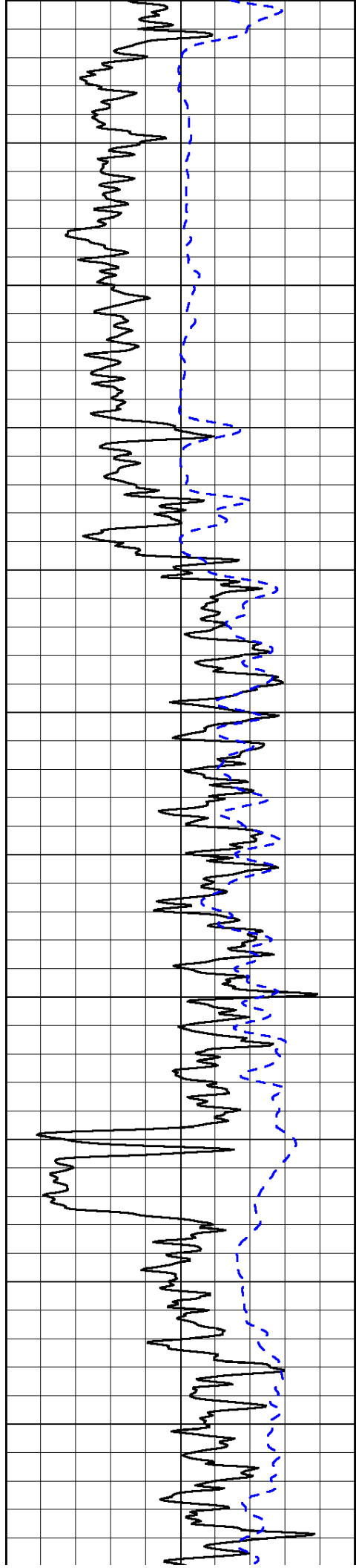
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

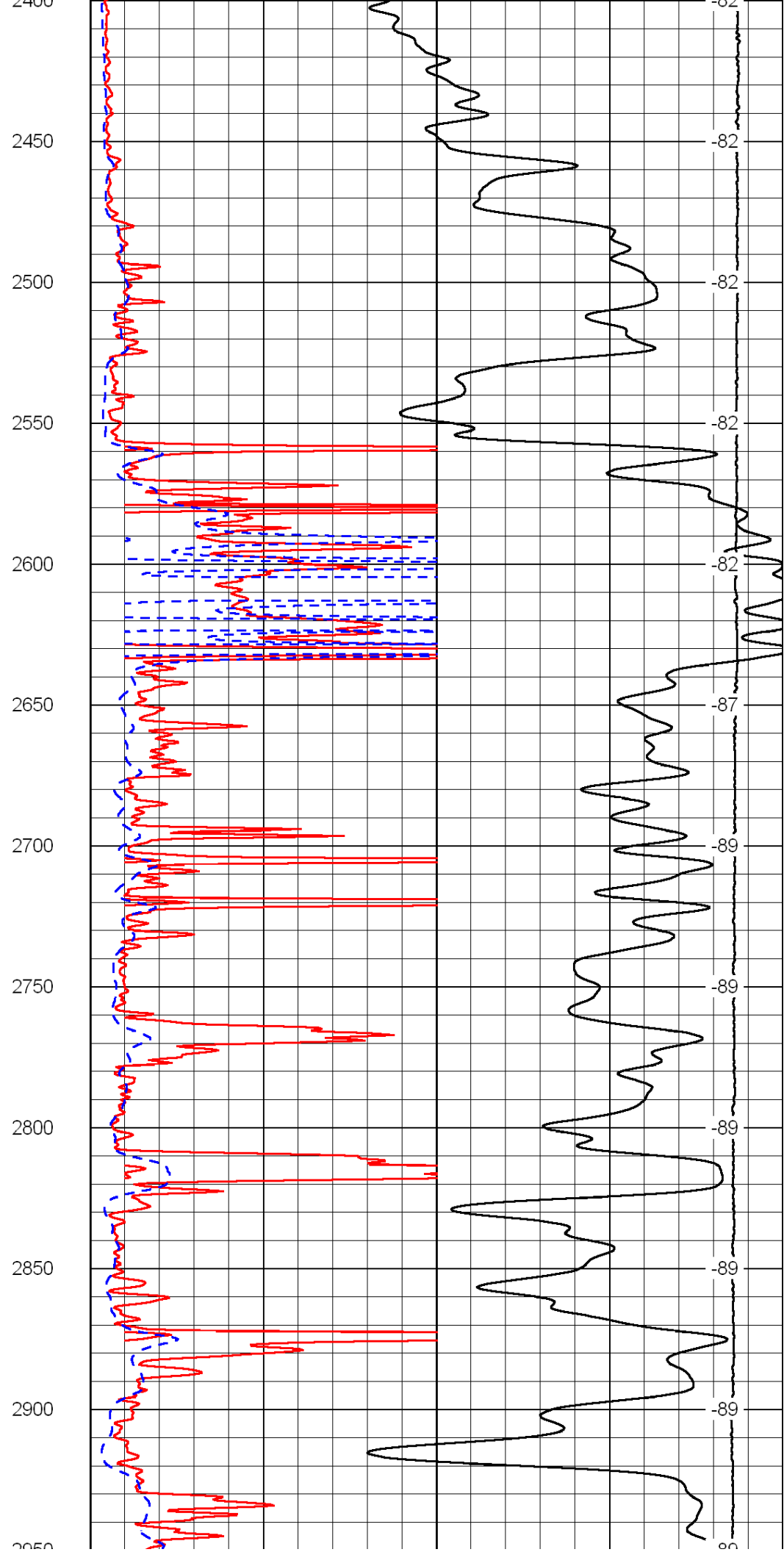
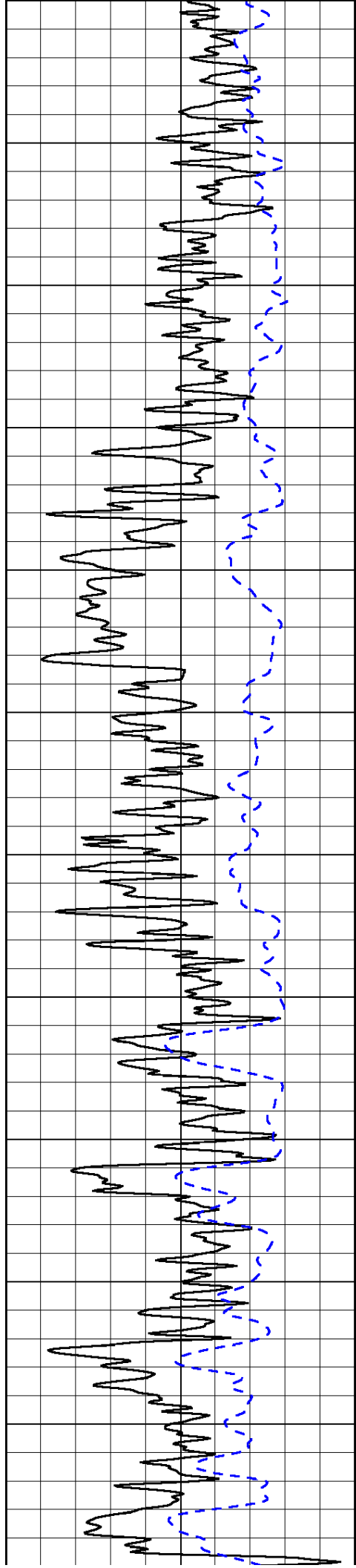
Shallow Resistivity		
50	(Ohm-m)	500
50 Deep Resistivity (Ohm-m) 500		

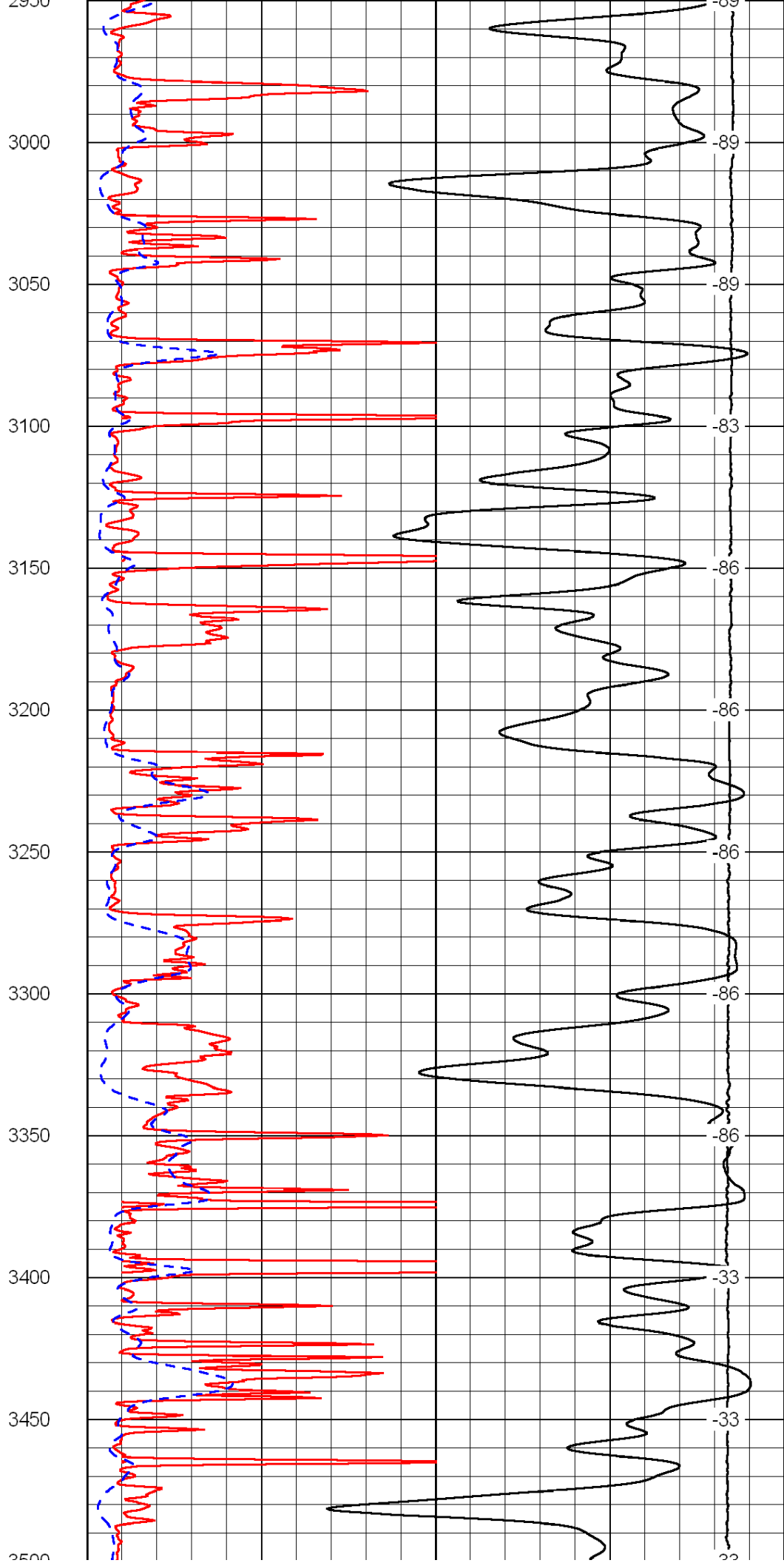
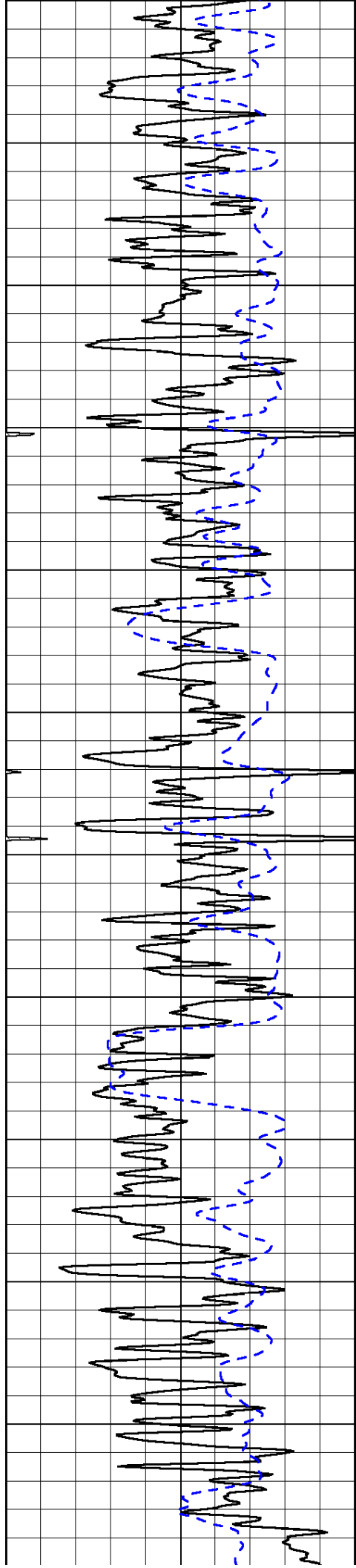


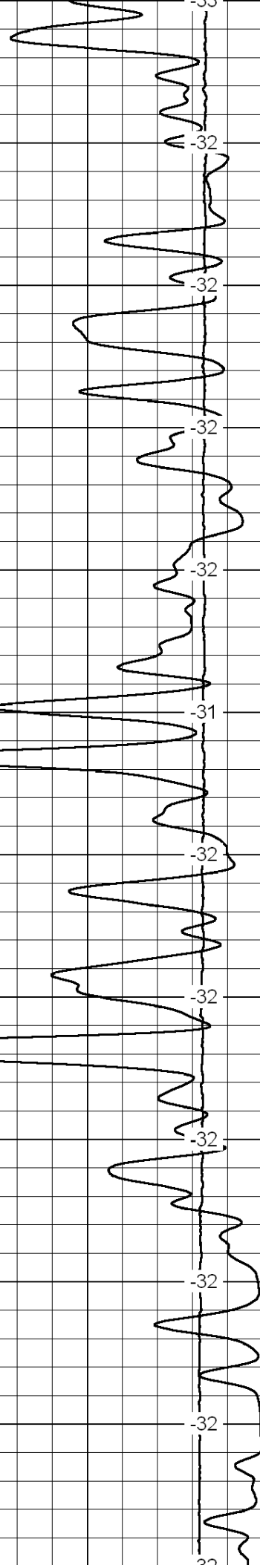
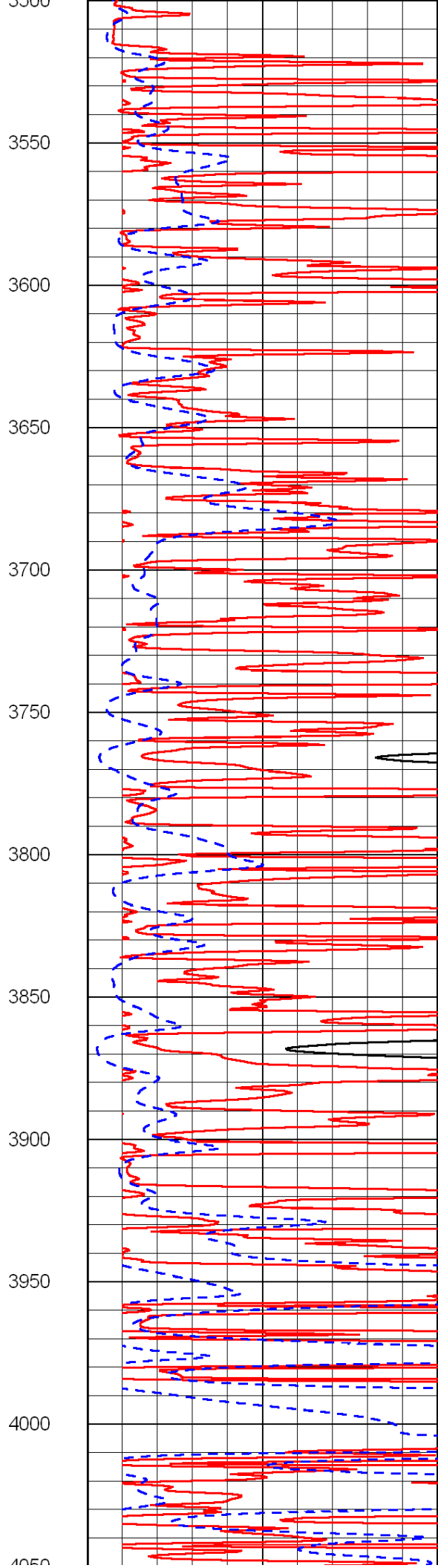
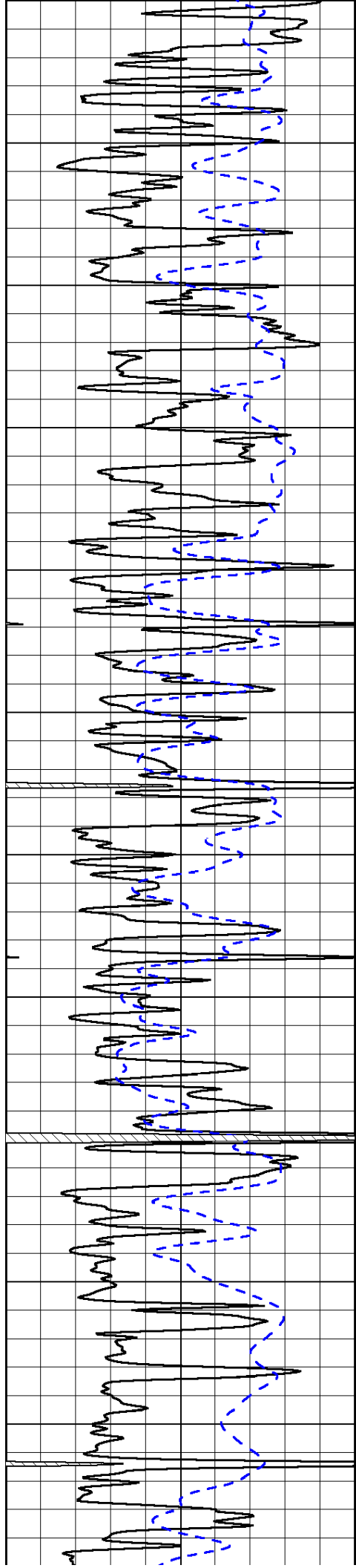


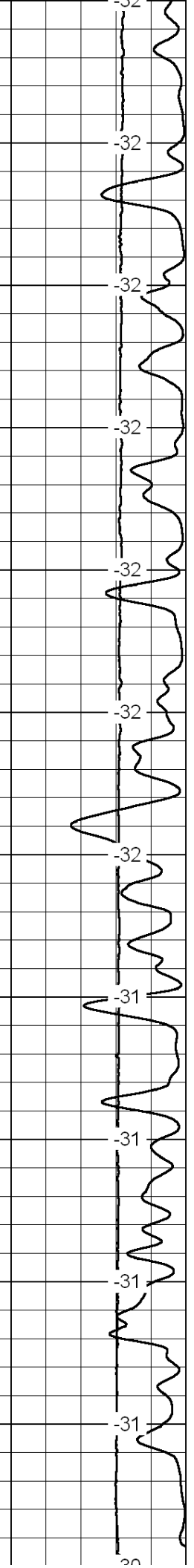
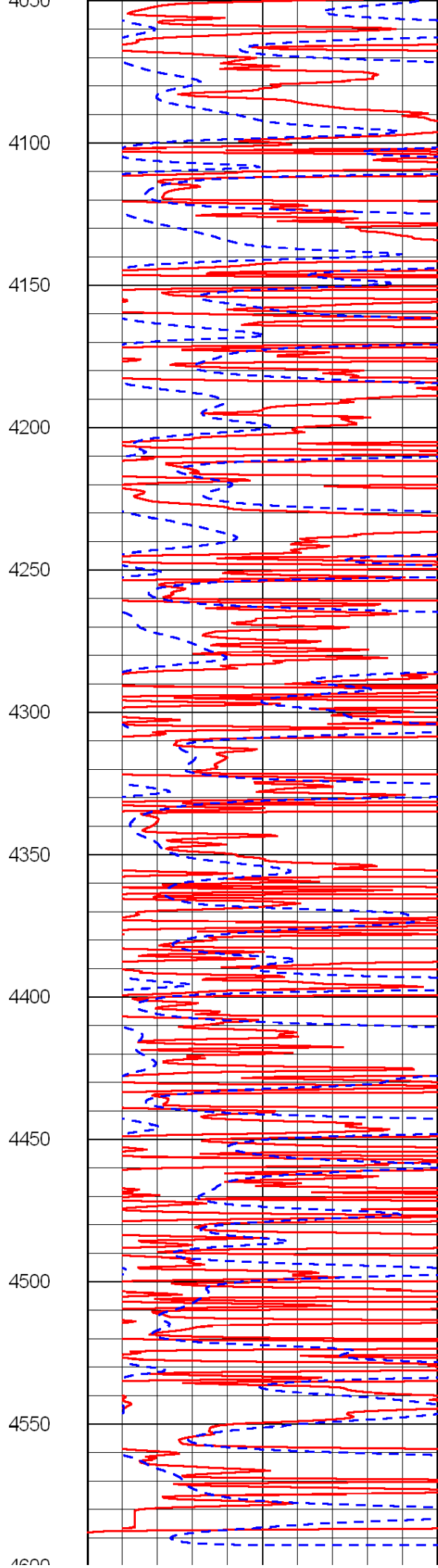
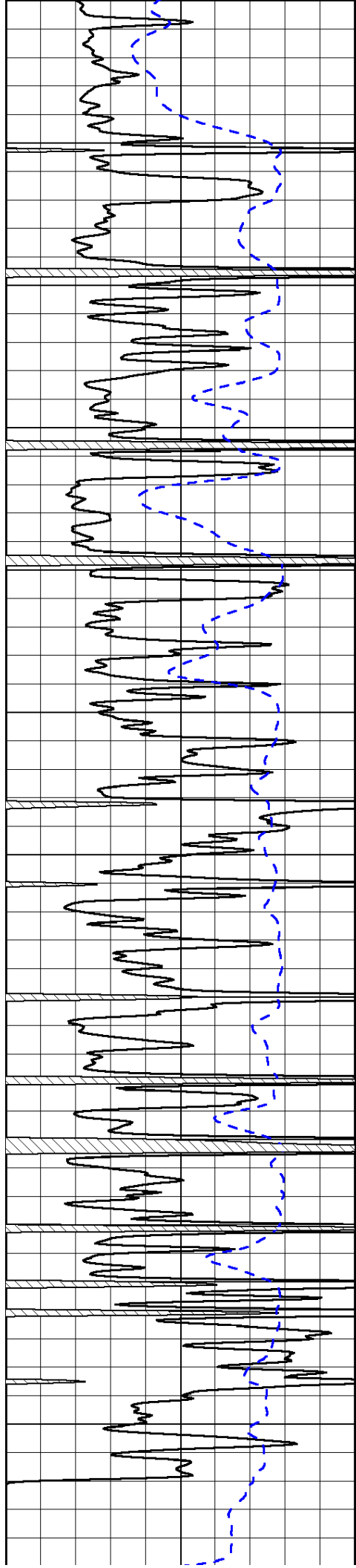


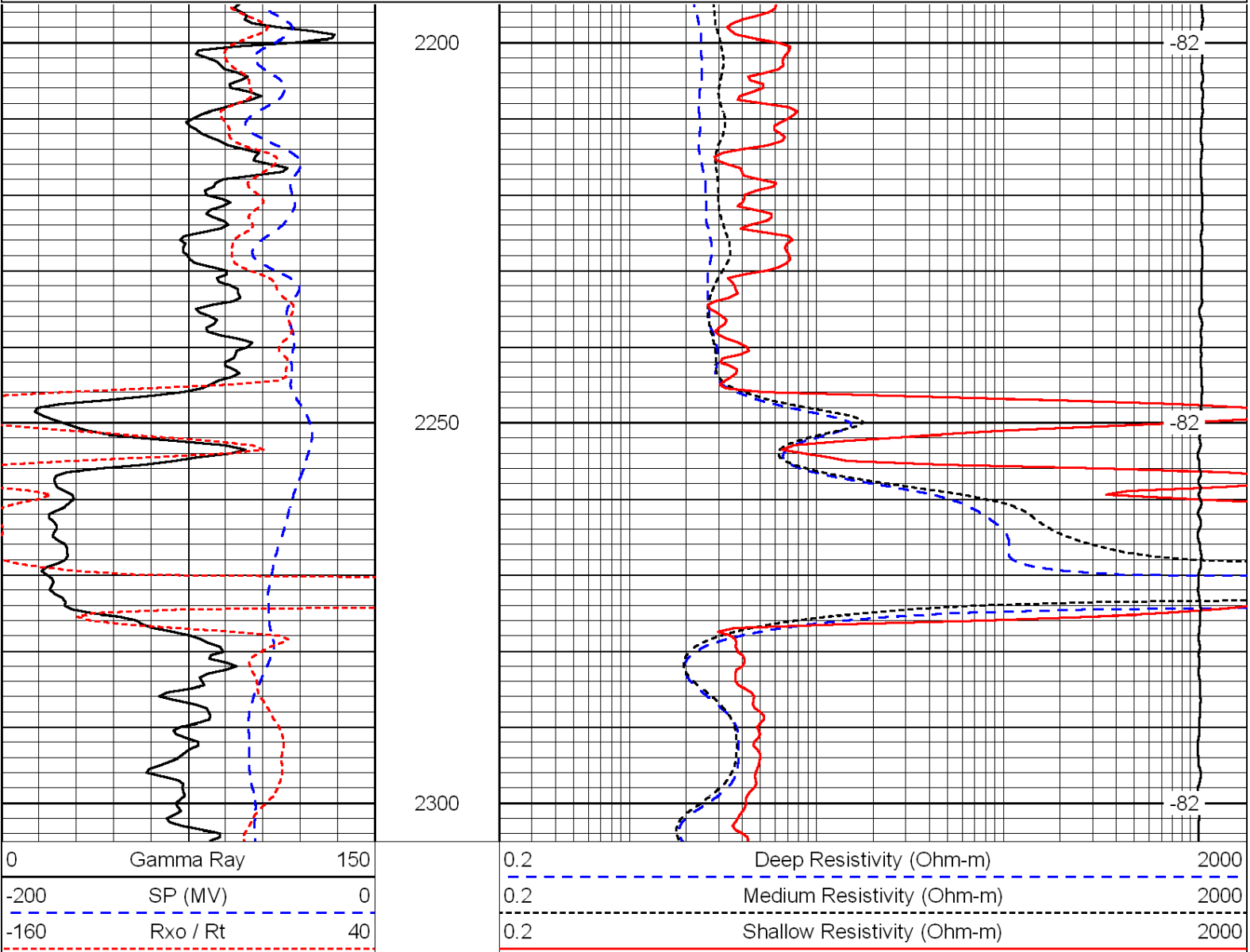
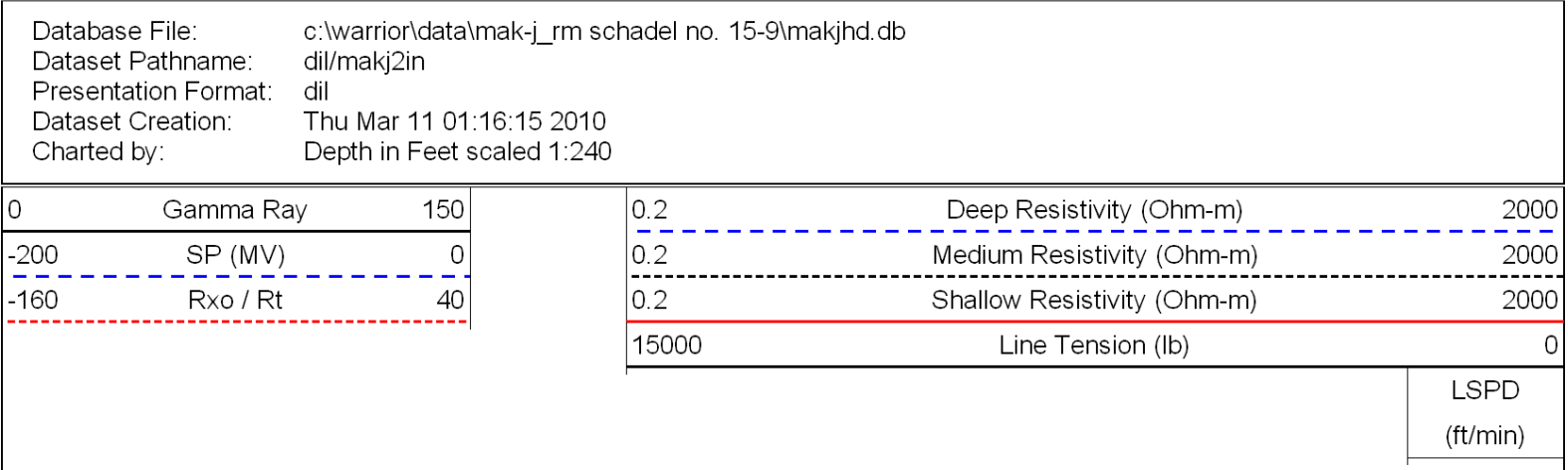
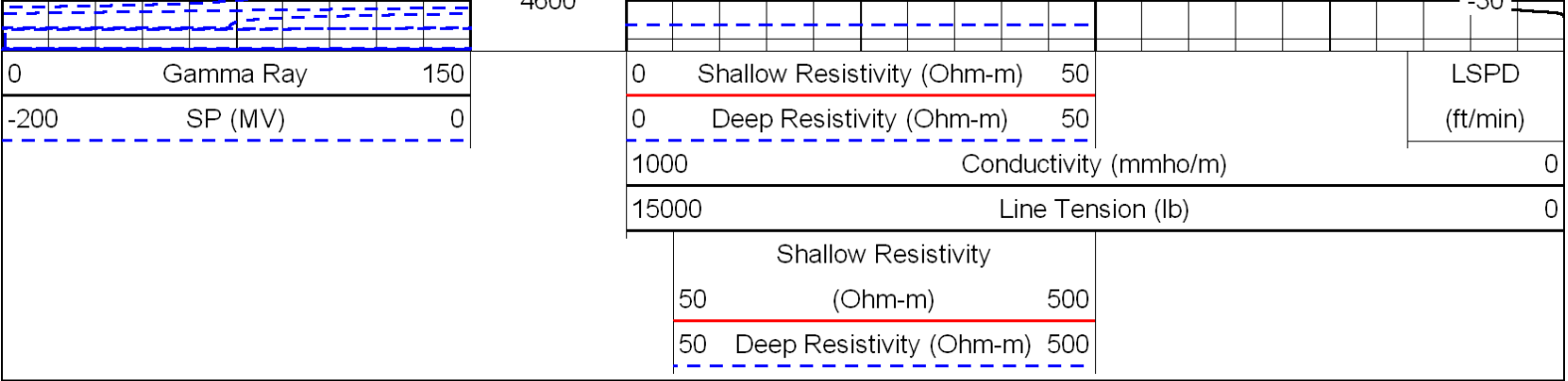












Database File: c:\warrior\data\mak-j_rm schadel no. 15-9\makjhd.db

Dataset Pathname: dil\makj2in

Presentation Format: dil

Dataset Creation: Thu Mar 11 01:16:15 2010

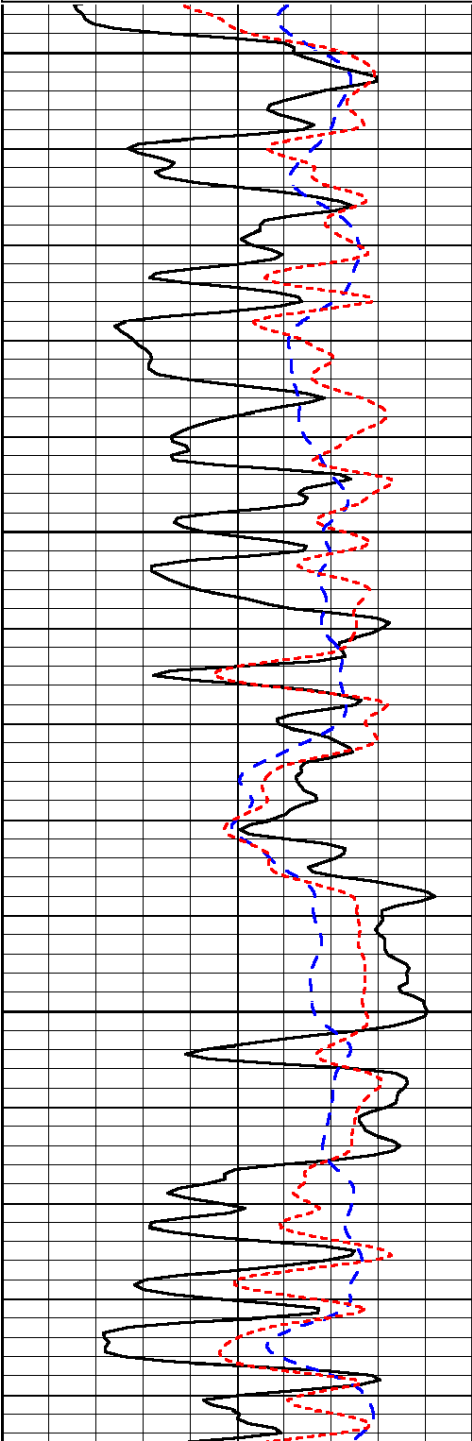
Charted by: Depth in Feet scaled 1:240

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

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD

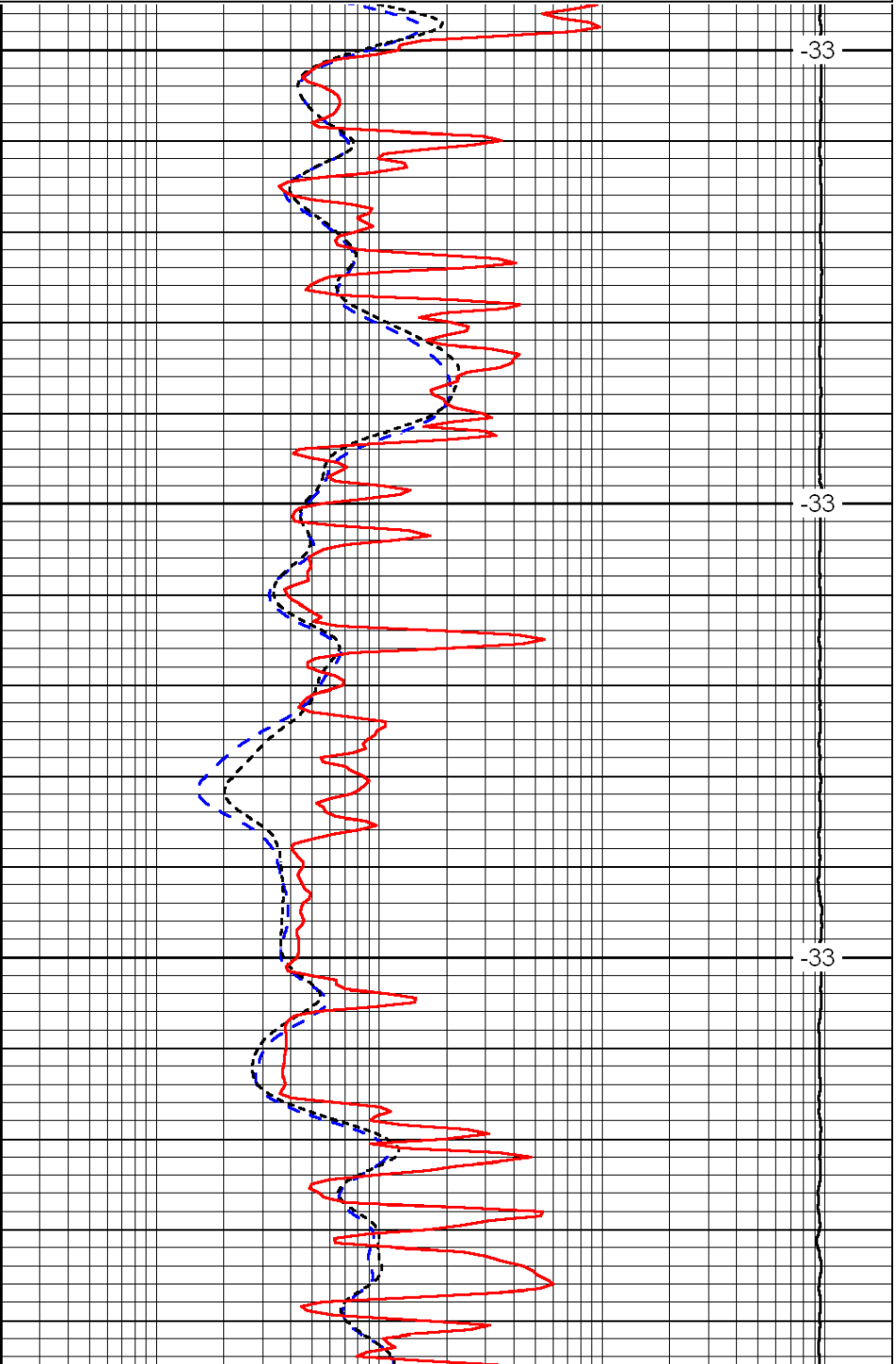
(ft/min)



3400

3450

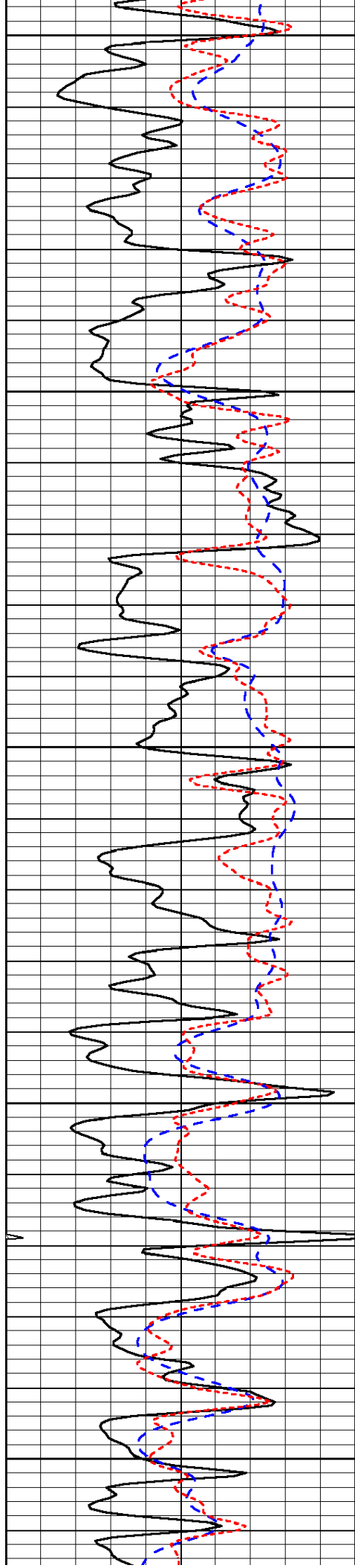
3500



-33

-33

-33



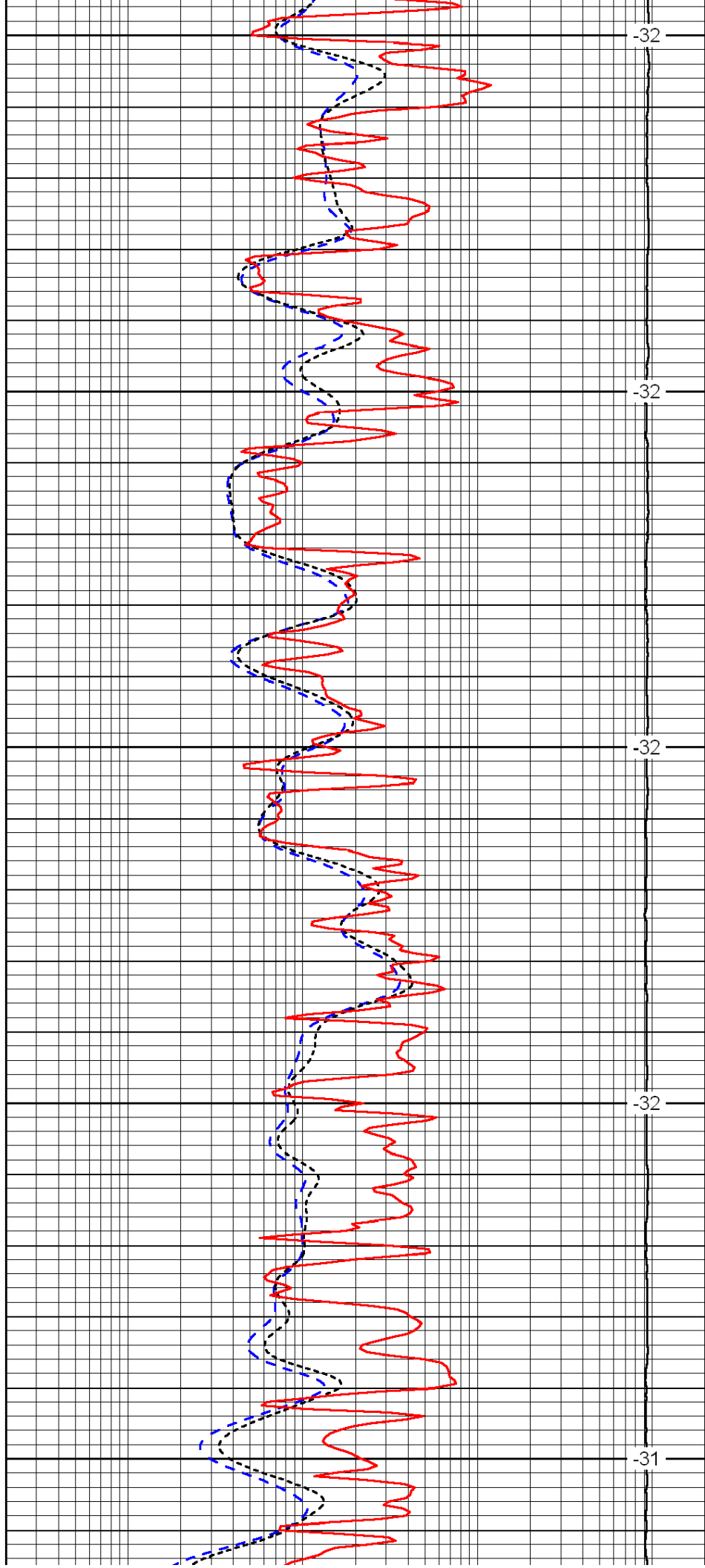
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3600

3650

3700

3750



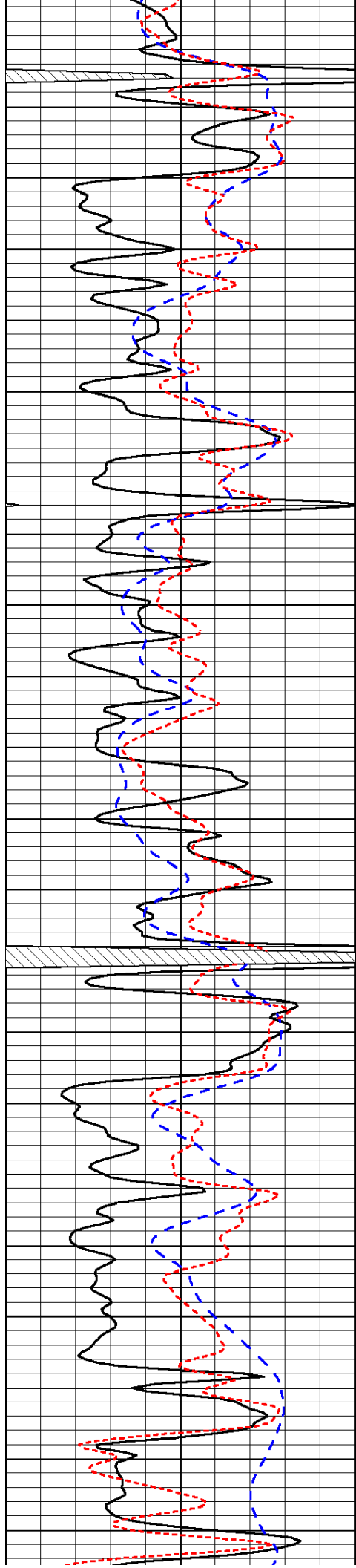
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-32

-32

-32

-31

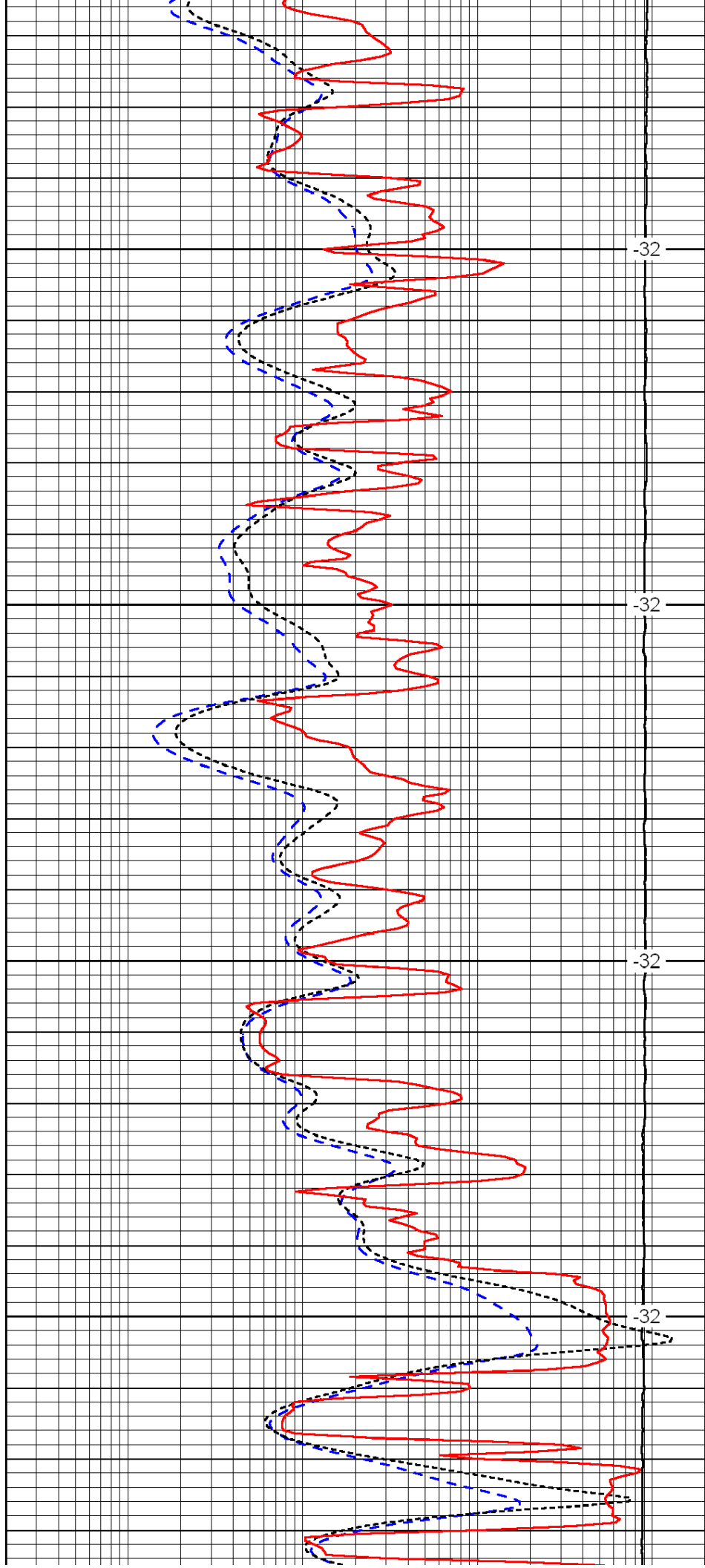


3800

3850

3900

3950

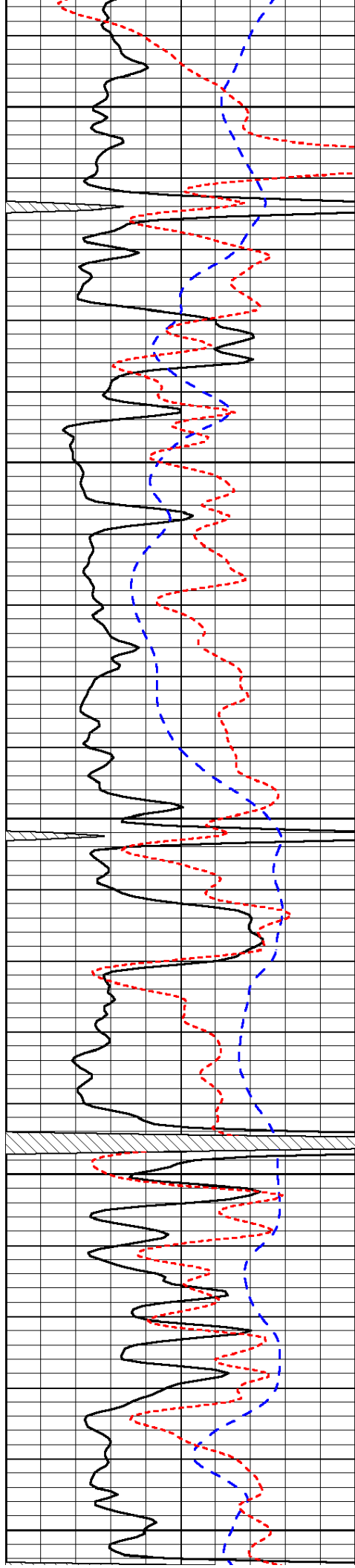


-32

-32

-32

-32



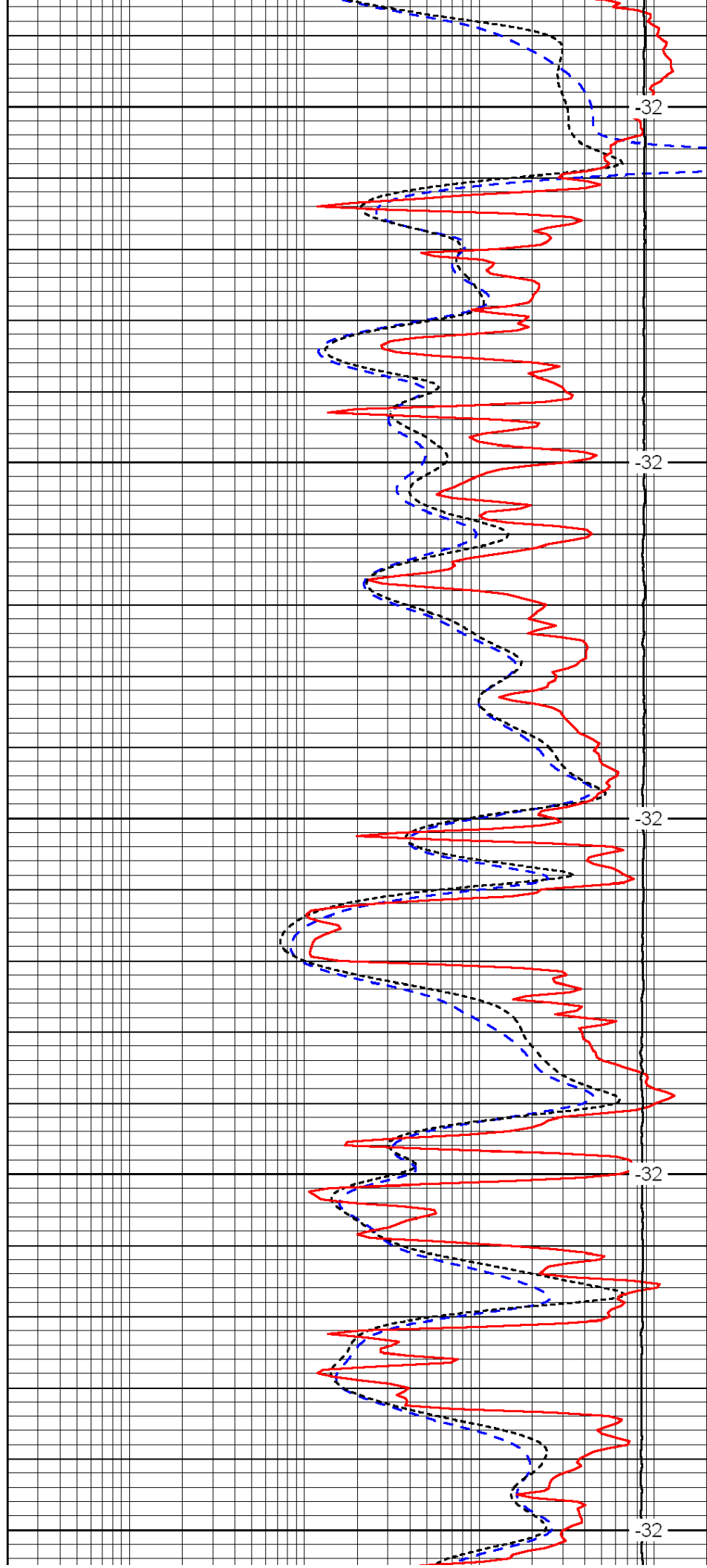
4000

4050

4100

4150

4200



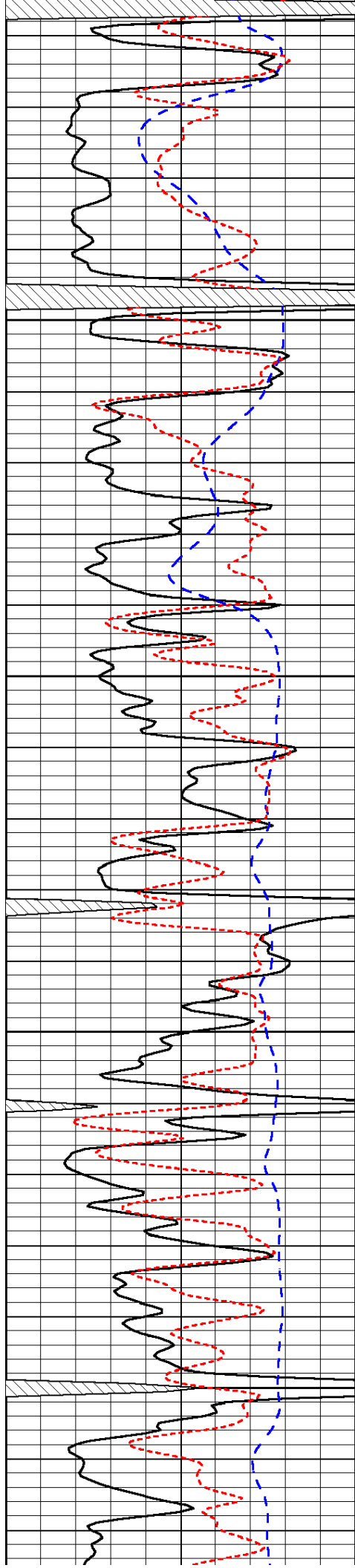
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-32

-32

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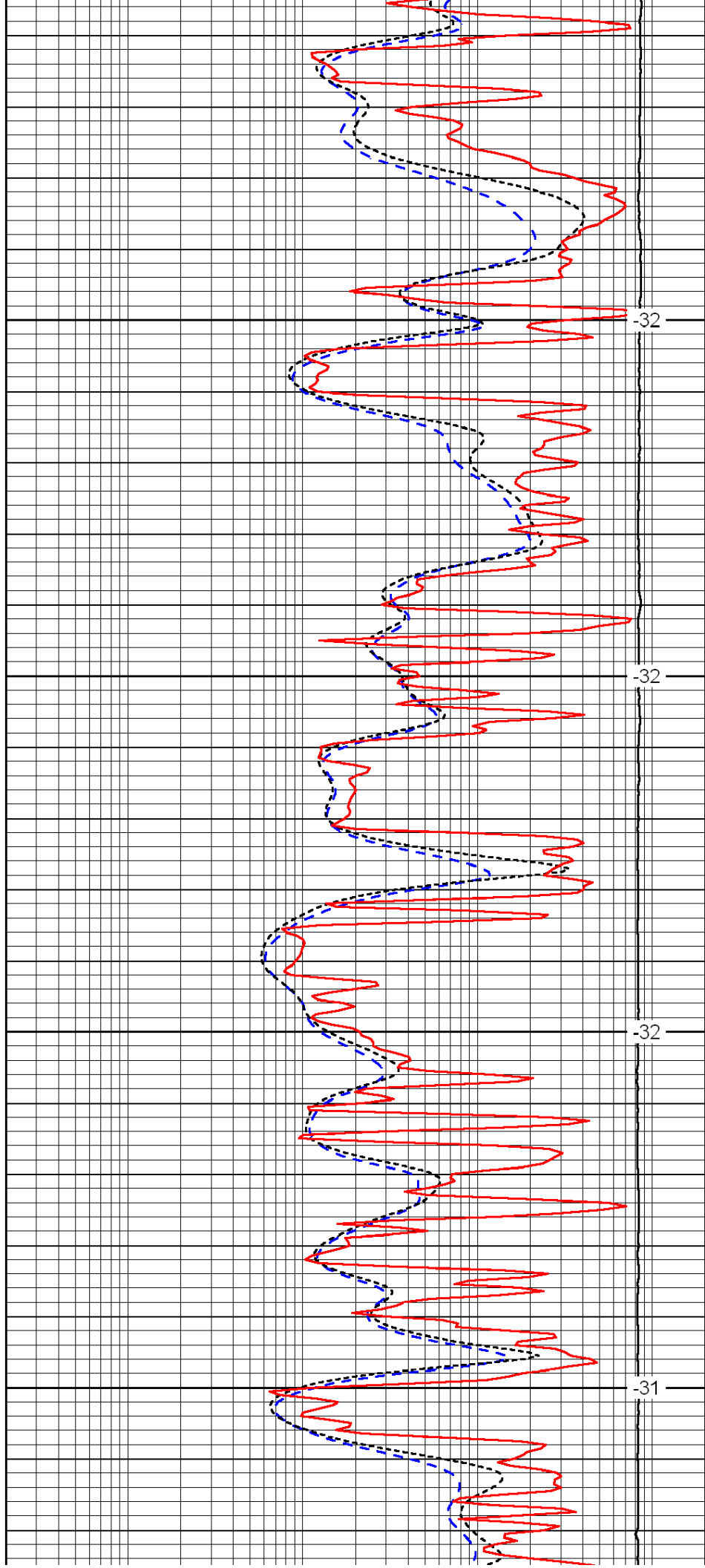


4250

4300

4350

4400

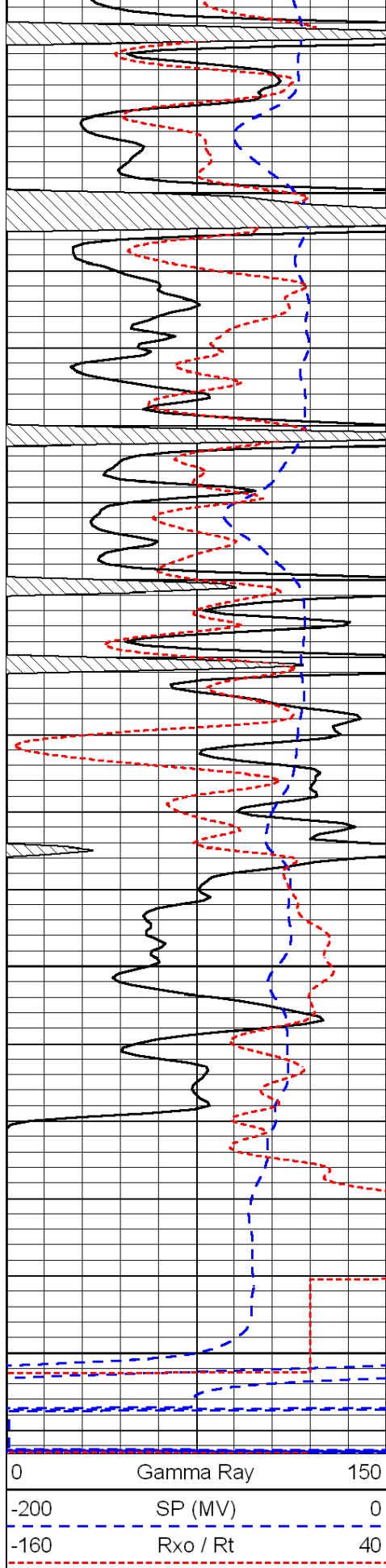


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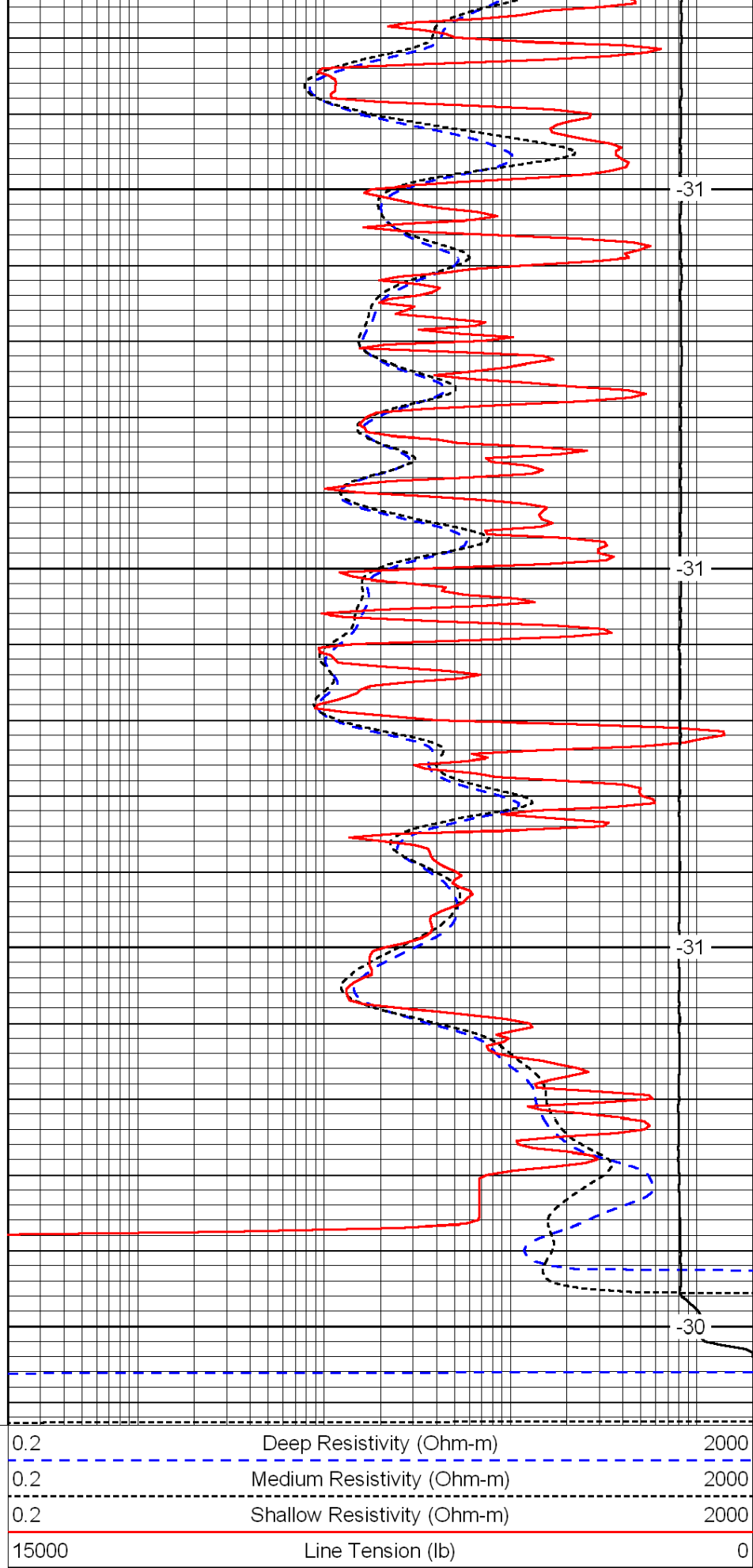
4450

4500

4550

4600

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



-31

-31

-31

-30

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LSPD
(ft/min)