PIONEER

Pioneer Energy Services

Dual Induction Log

API No. 15-065-23937-00-00

Company Murfin Drilling Co., Inc.

Well Ruder Unit #2-36

Field Geyer East

County Graham State Kansas

Location 335' FSL / 2600' FEL

Sec: 36 Twp: 10S Rge: 24W

Other Services
CNL / CDL
MEL / BHCS

Elevation
K.B. 2331
D.F.
G.L. 2326

Permanent Datum Ground Level Elevation 2326
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	6/8/2013				
Run Number	One				
Depth Driller	3985				
Depth Logger	3982				
Bottom Logged Interval	3981				
Top Log Interval	0				
Casing Driller	8.625 @ 220				
Casing Logger	216				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	3500				
Density / Viscosity	9.2 63				
pH / Fluid Loss	11.0 8.4				
Source of Sample	Flowline				
Rm @ Meas. Temp	0.40 @ 75				
Rmf @ Meas. Temp	0.30 @ 75				
Rmc @ Meas. Temp	0.54 @ 75				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.26 @ 116				
Operating Rig Time	5 Hours				
Max. Rec. Temp. F	116				
Equipment Number	108				
Location	Hays				
Recorded By	R. Barnhart				
Witnessed By	Rocky Milford				

<<< Fold Here >>>

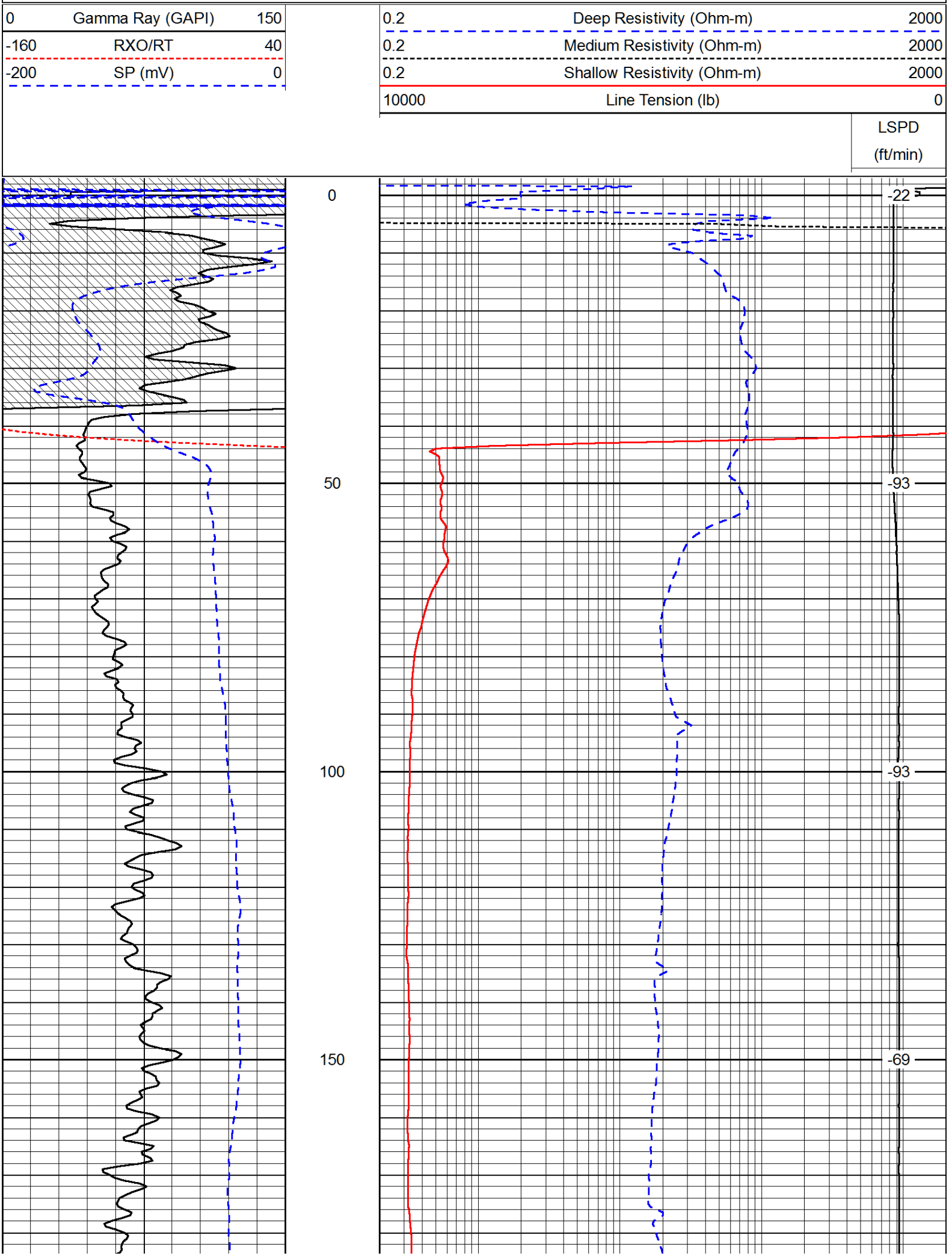
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

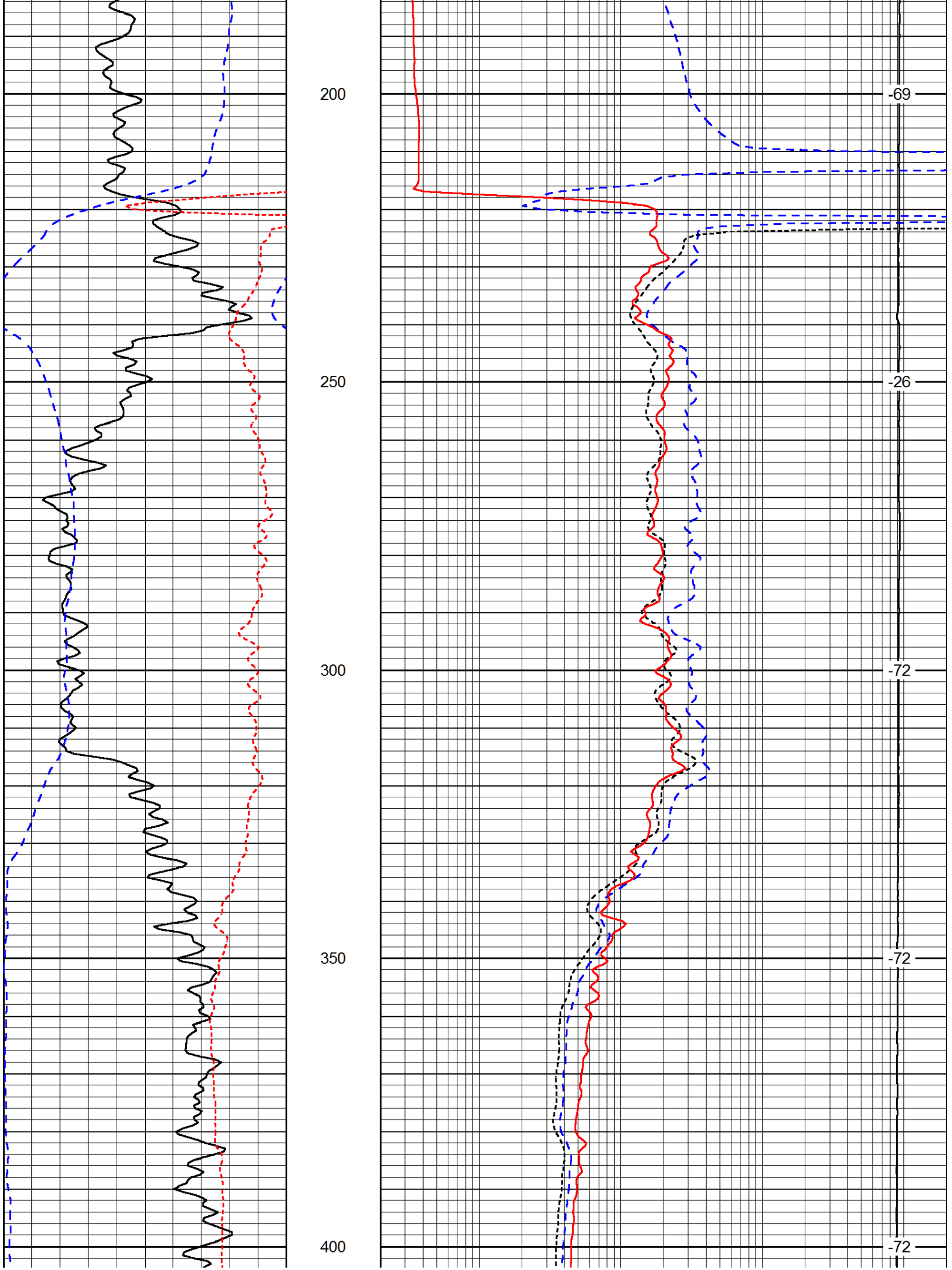
Comments

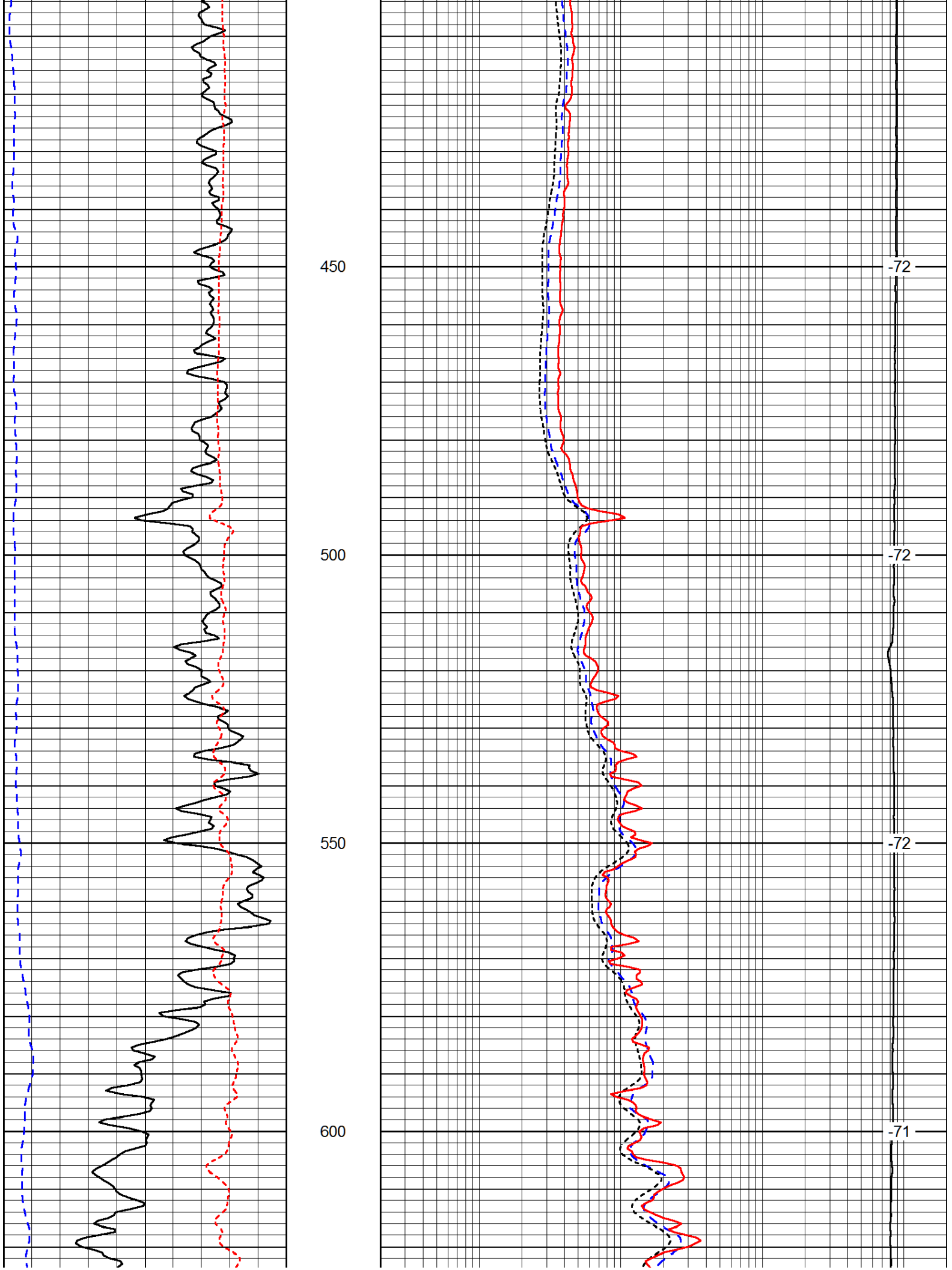
Thank you for using Log-Tech, Inc.
(785) 625-3858

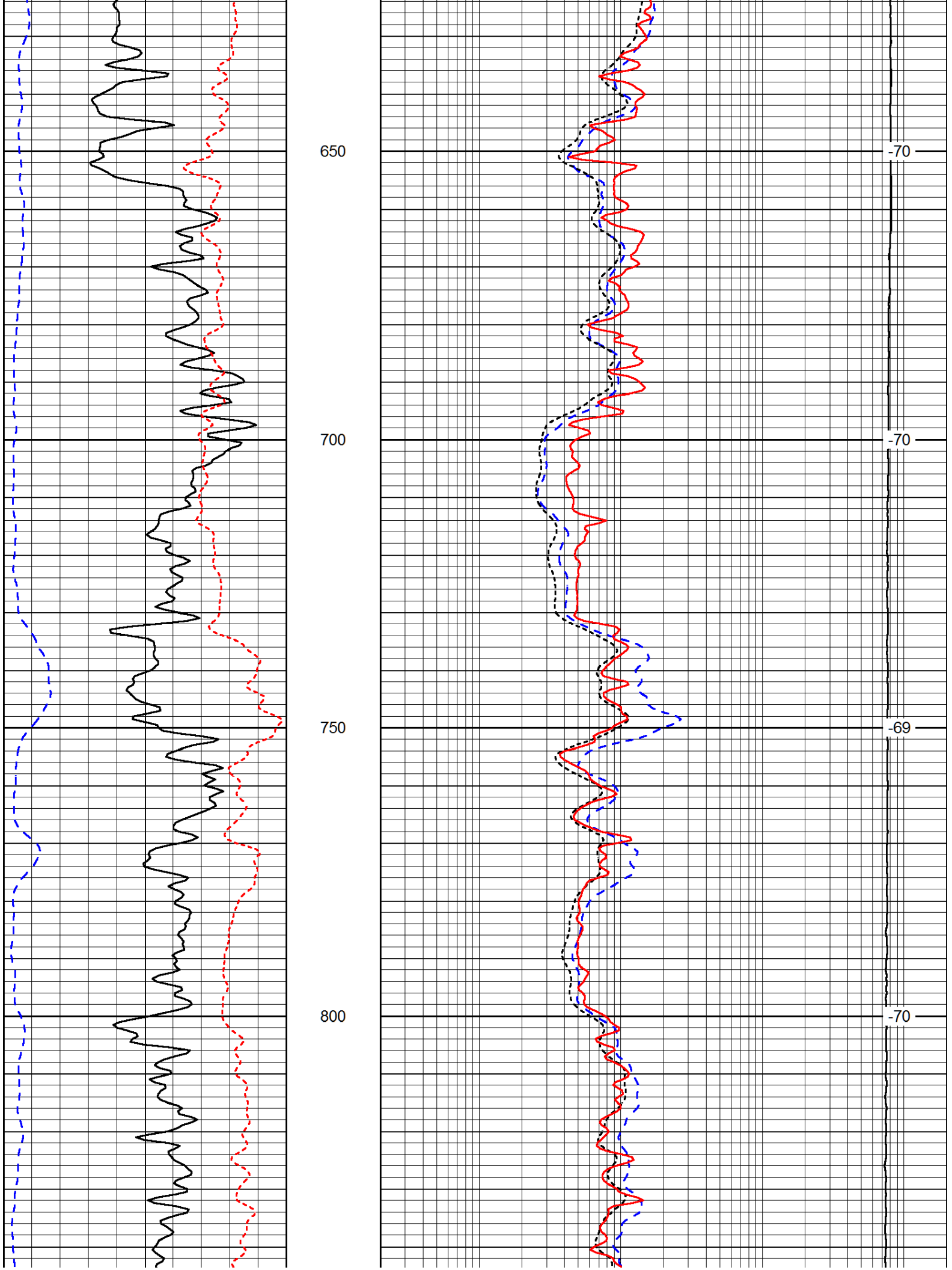
Wakeeney, KS:
7N to Rd. B, 5W to 210 Rd., 1N, E into

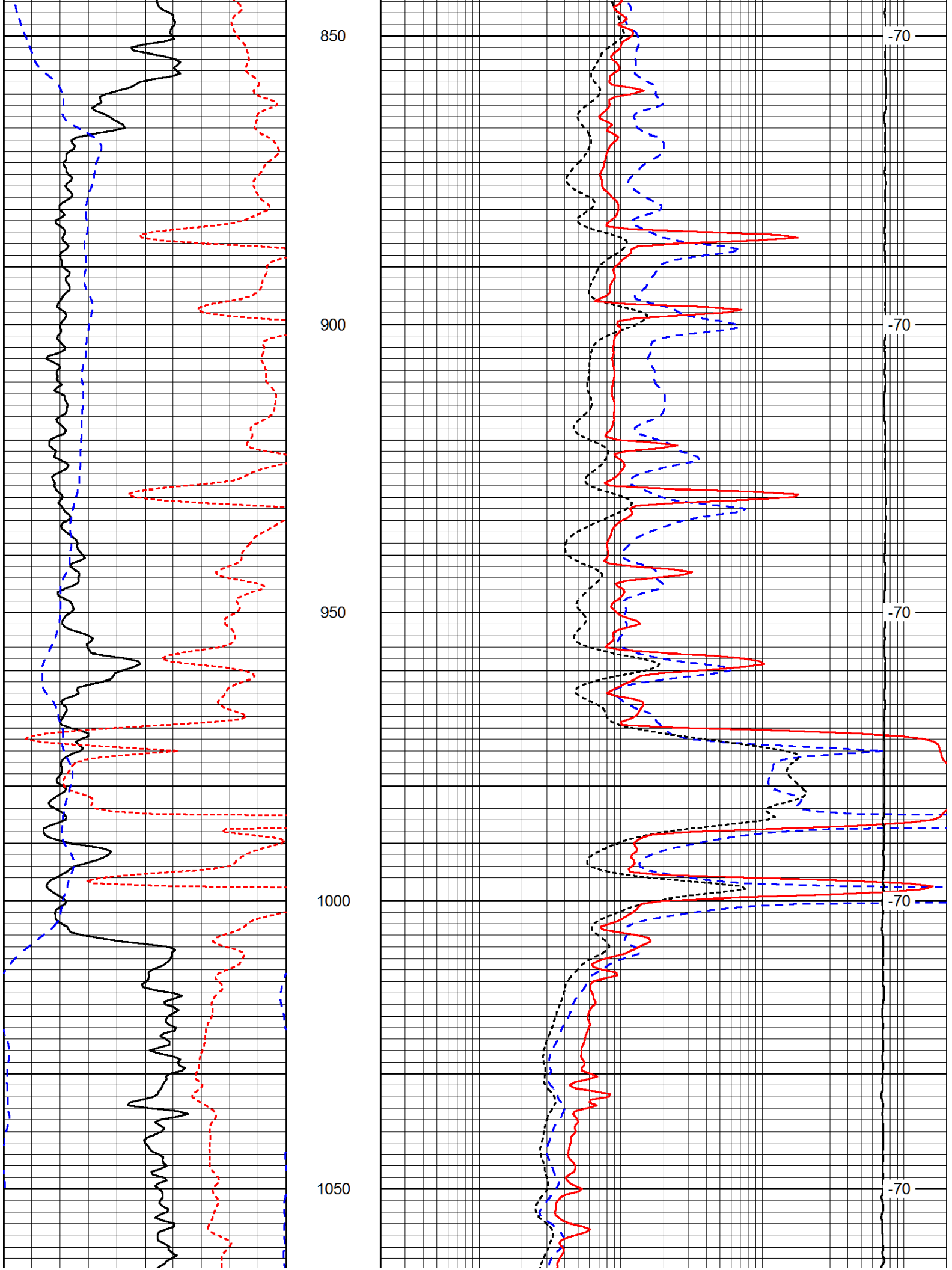
Database File: murfin_hd.db
Dataset Pathname: dil/mufmain
Presentation Format: dil
Dataset Creation: Sun Jun 09 16:14:46 2013
Charted by: Depth in Feet scaled 1:240

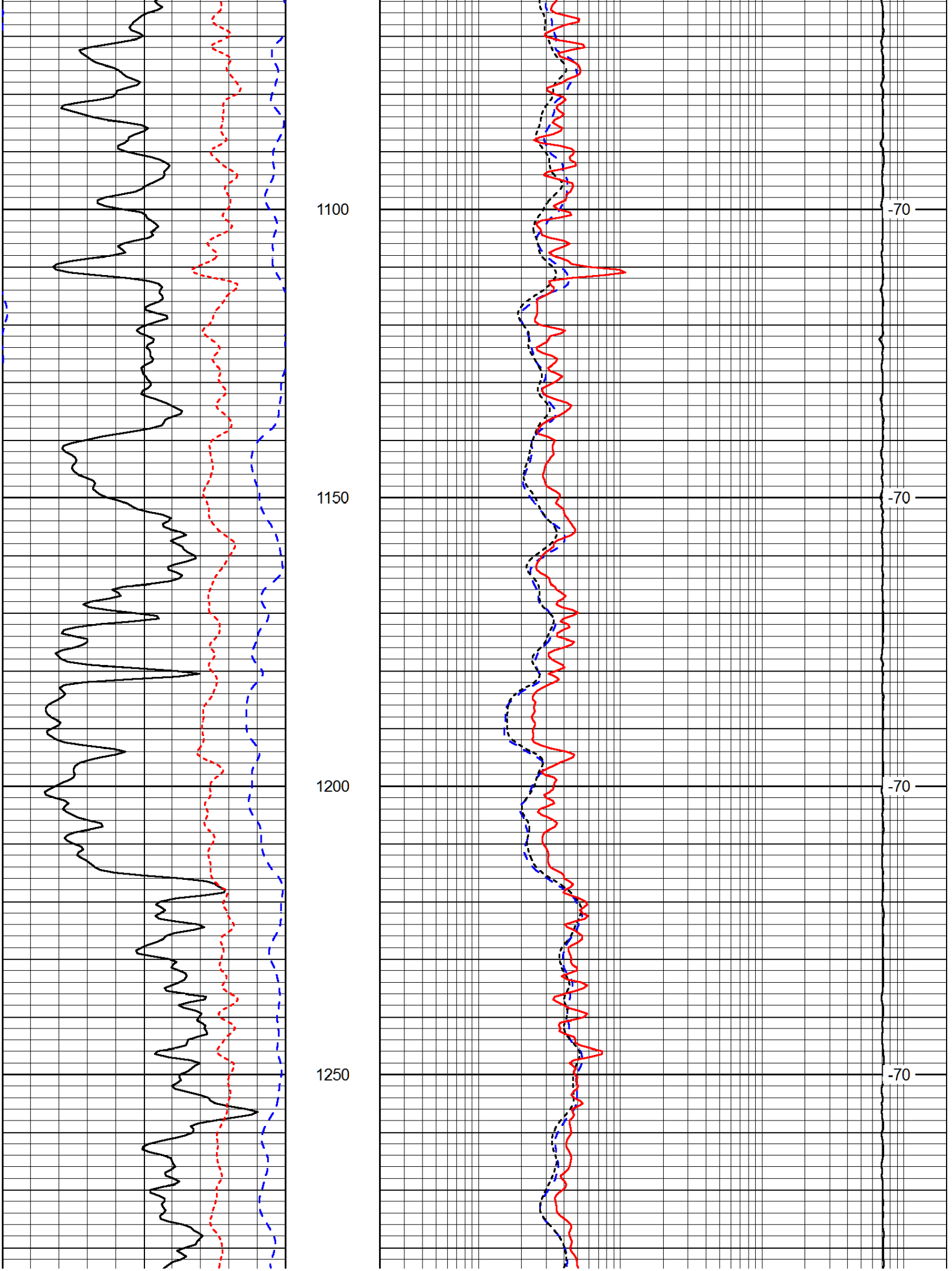

0 Gamma Ray (GAPI) 150
-160 RXO/RT 40
-200 SP (mV) 0
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
10000 Line Tension (lb) 0
LSPD (ft/min)
0
50
100
150
-22
-93
-93
-69

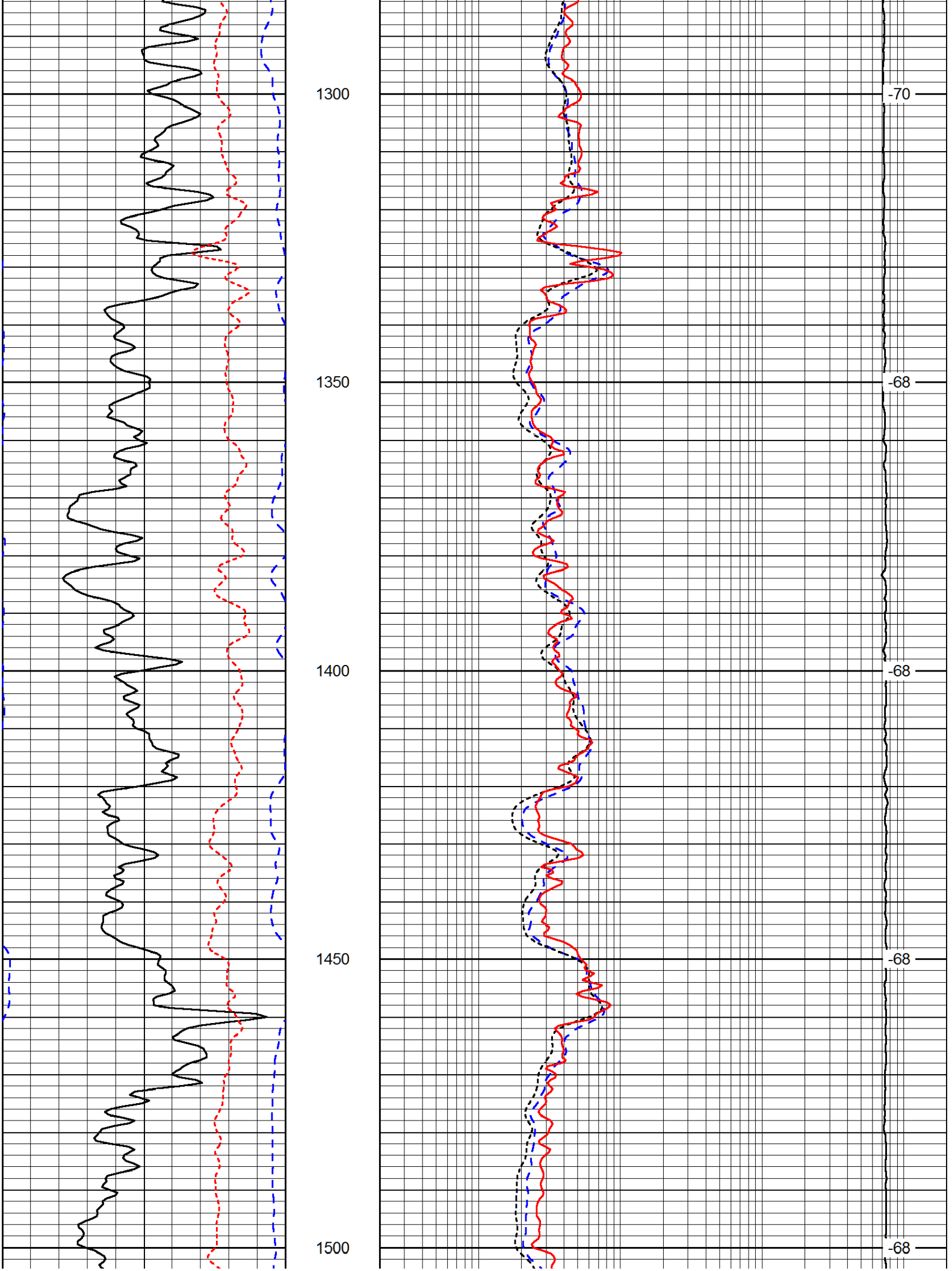

200
250
300
350
400
-69
-26
-72
-72
-72

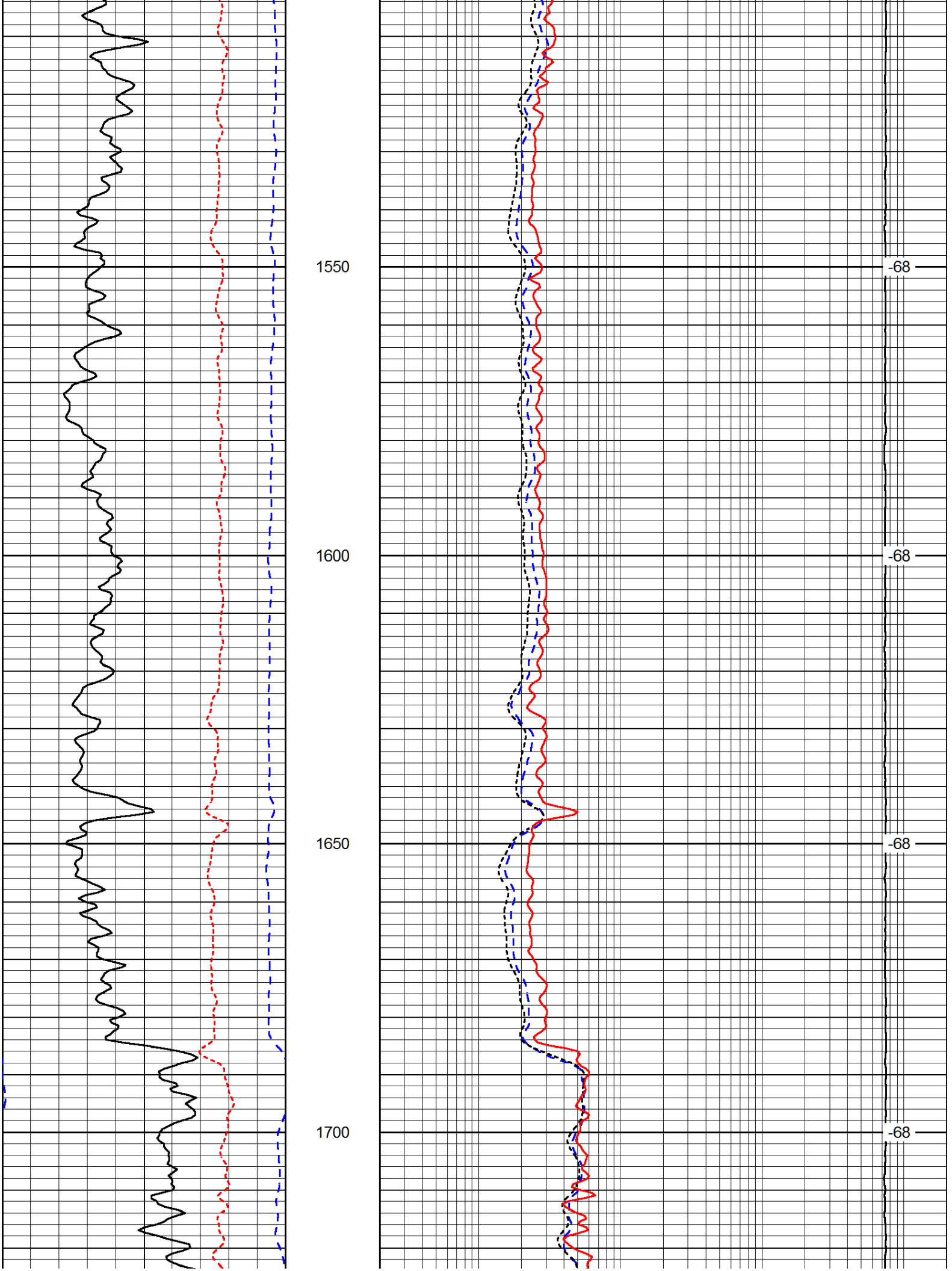

450
500
550
600
-72
-72
-72
-71

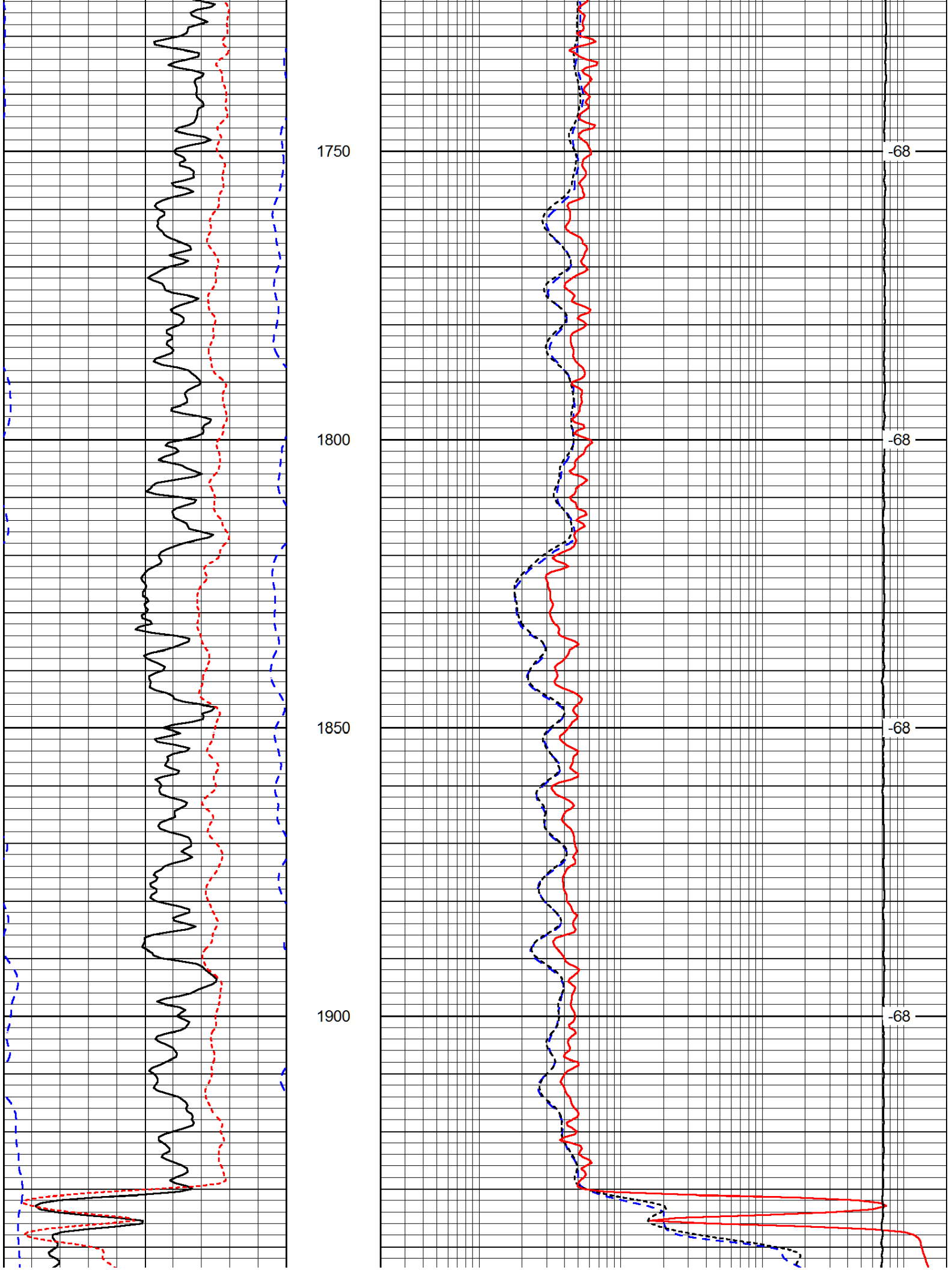

650
700
750
800
-70
-70
-69
-70

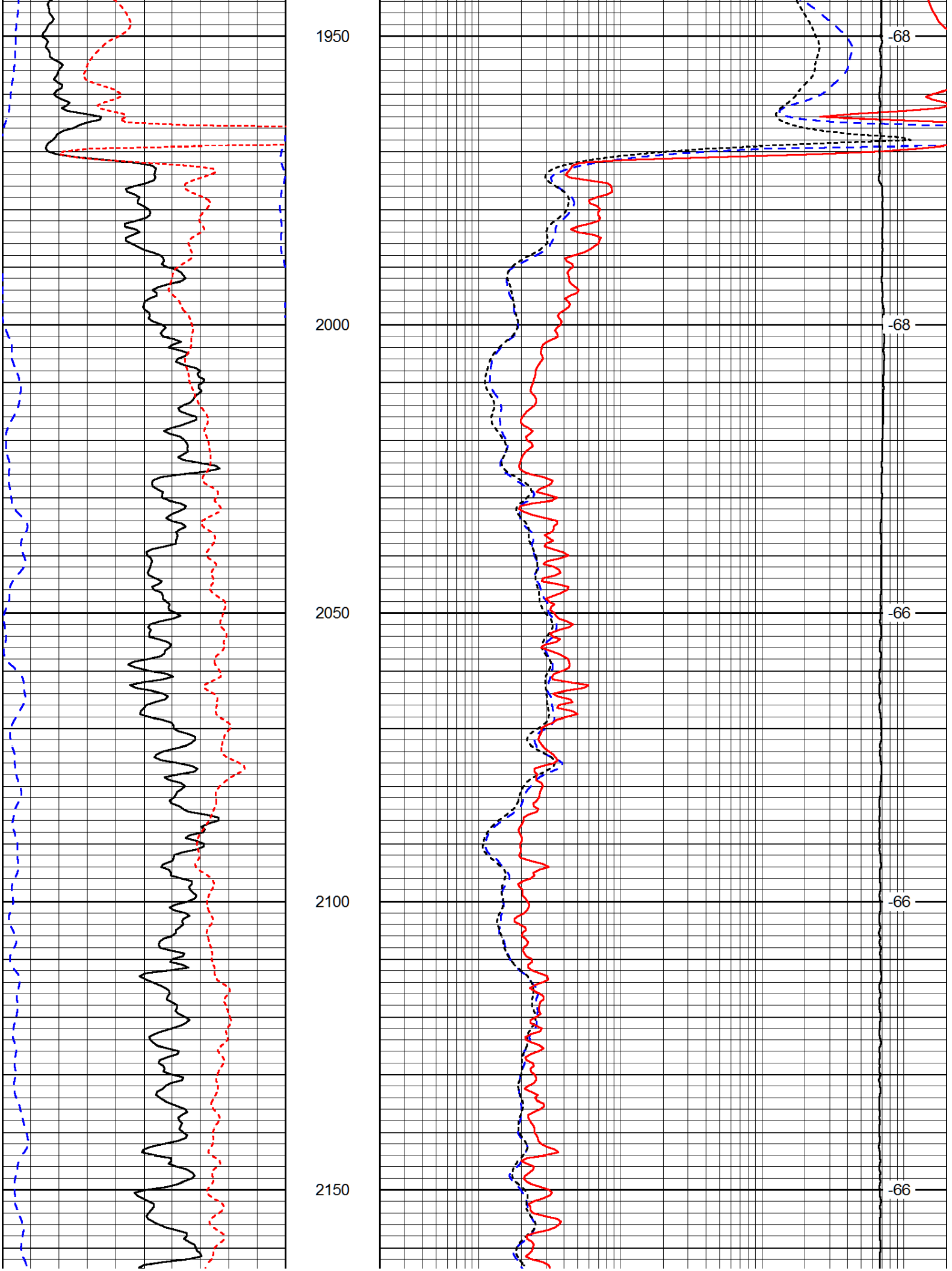

850
900
950
1000
1050
-70
-70
-70
-70
-70

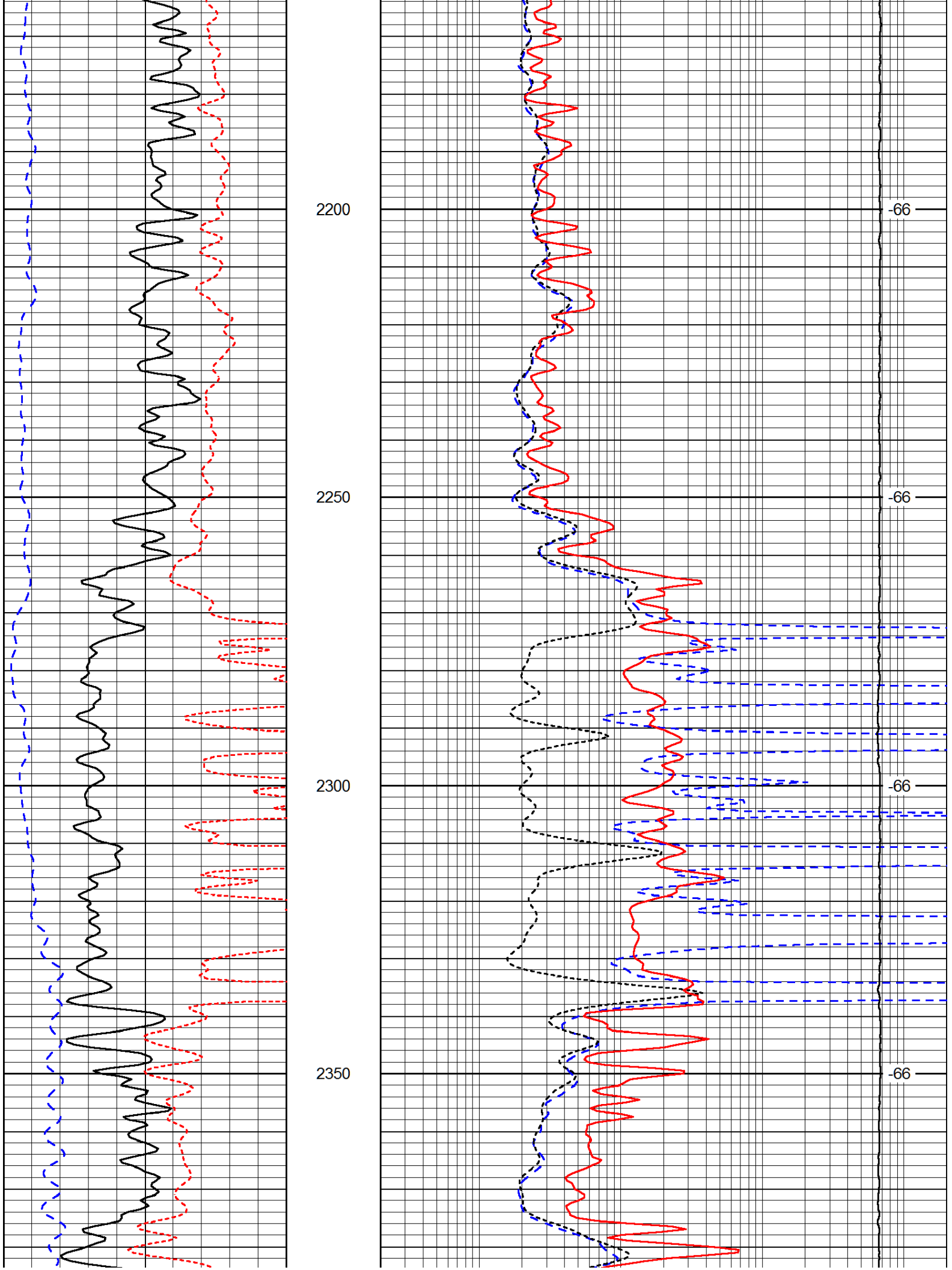

1100
1150
1200
1250
-70
-70
-70
-70

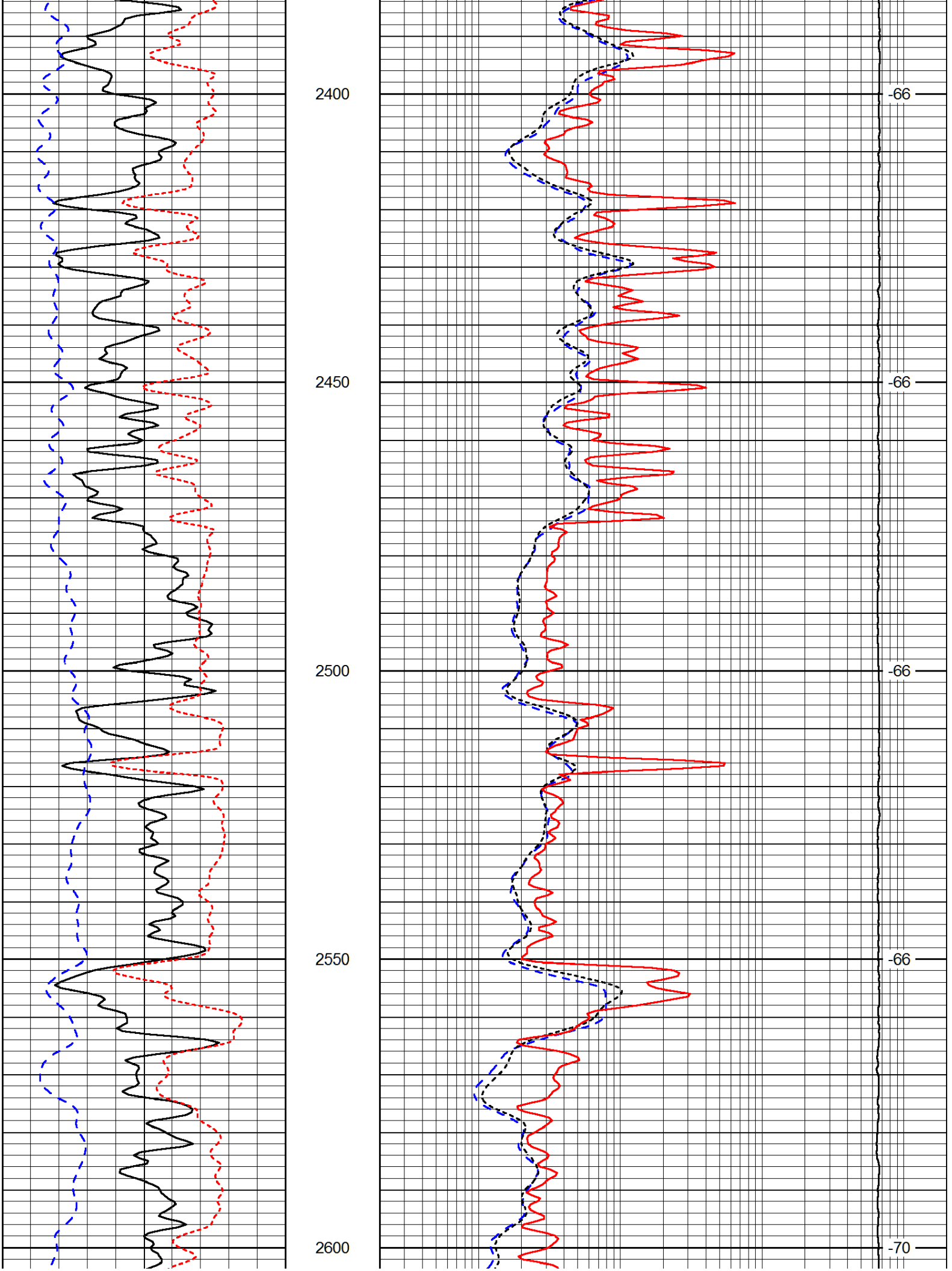

1300
1350
1400
1450
1500
-70
-68
-68
-68
-68

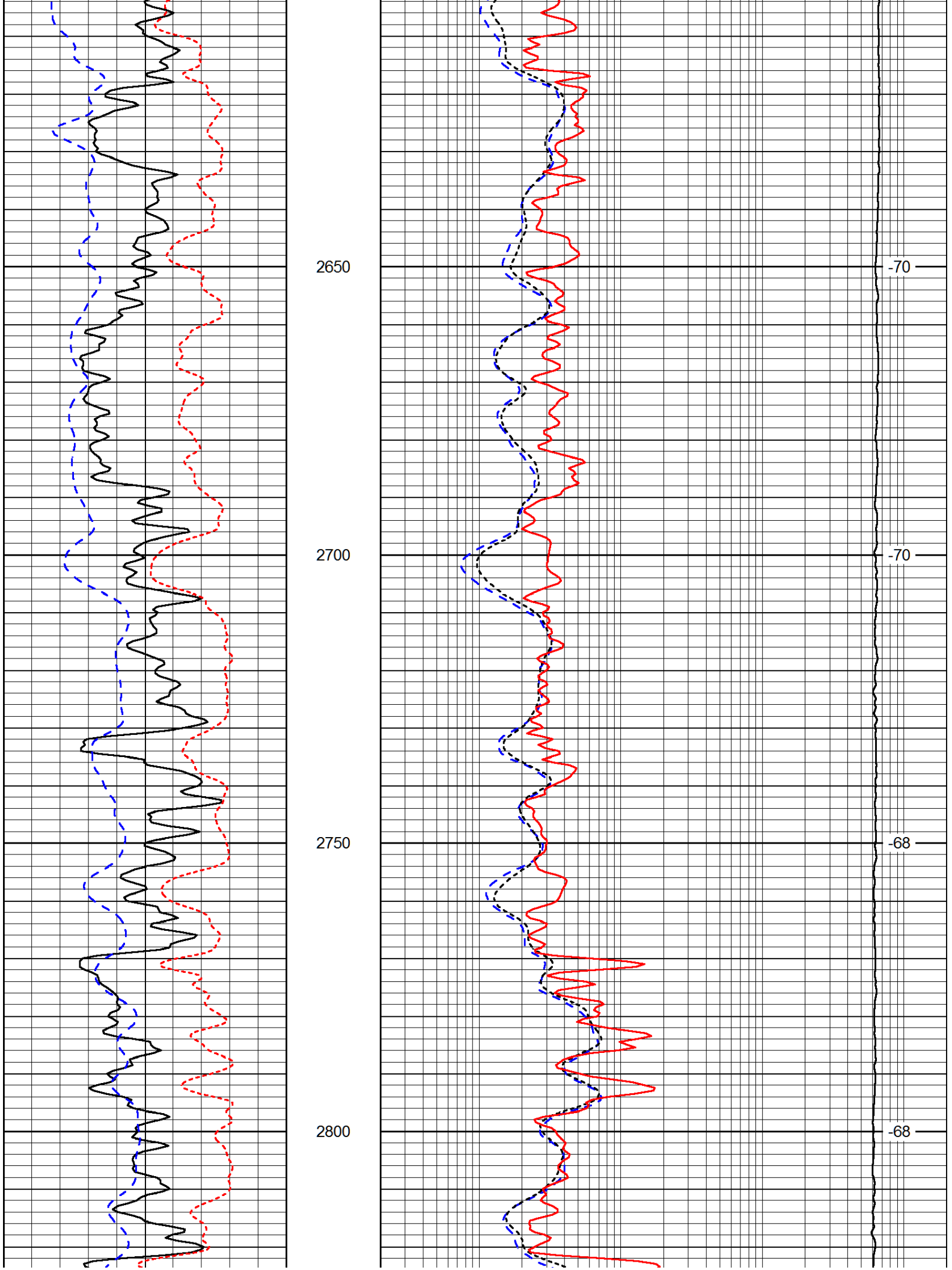

1550
1600
1650
1700
-68
-68
-68
-68

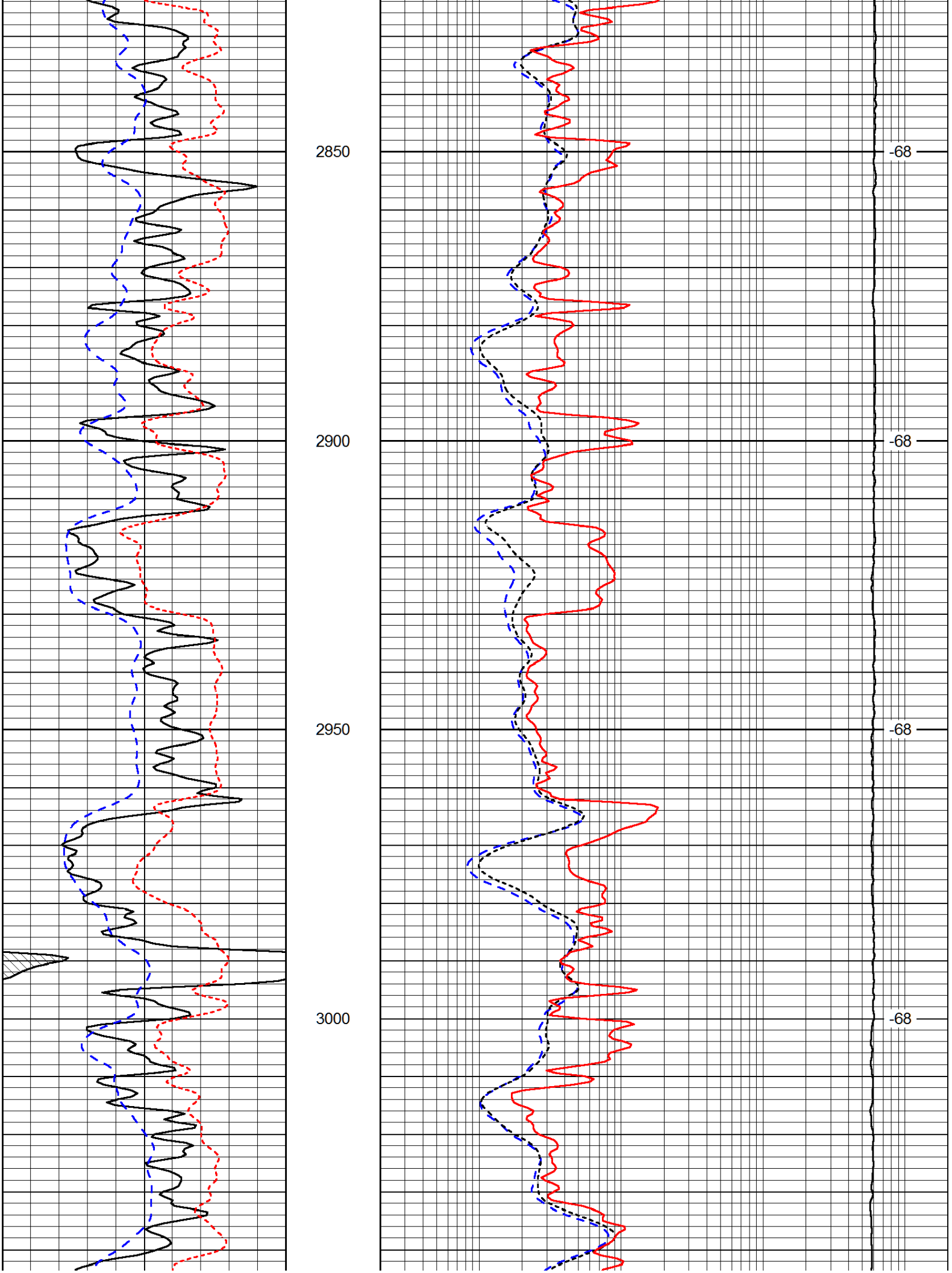

1750
1800
1850
1900
-68
-68
-68

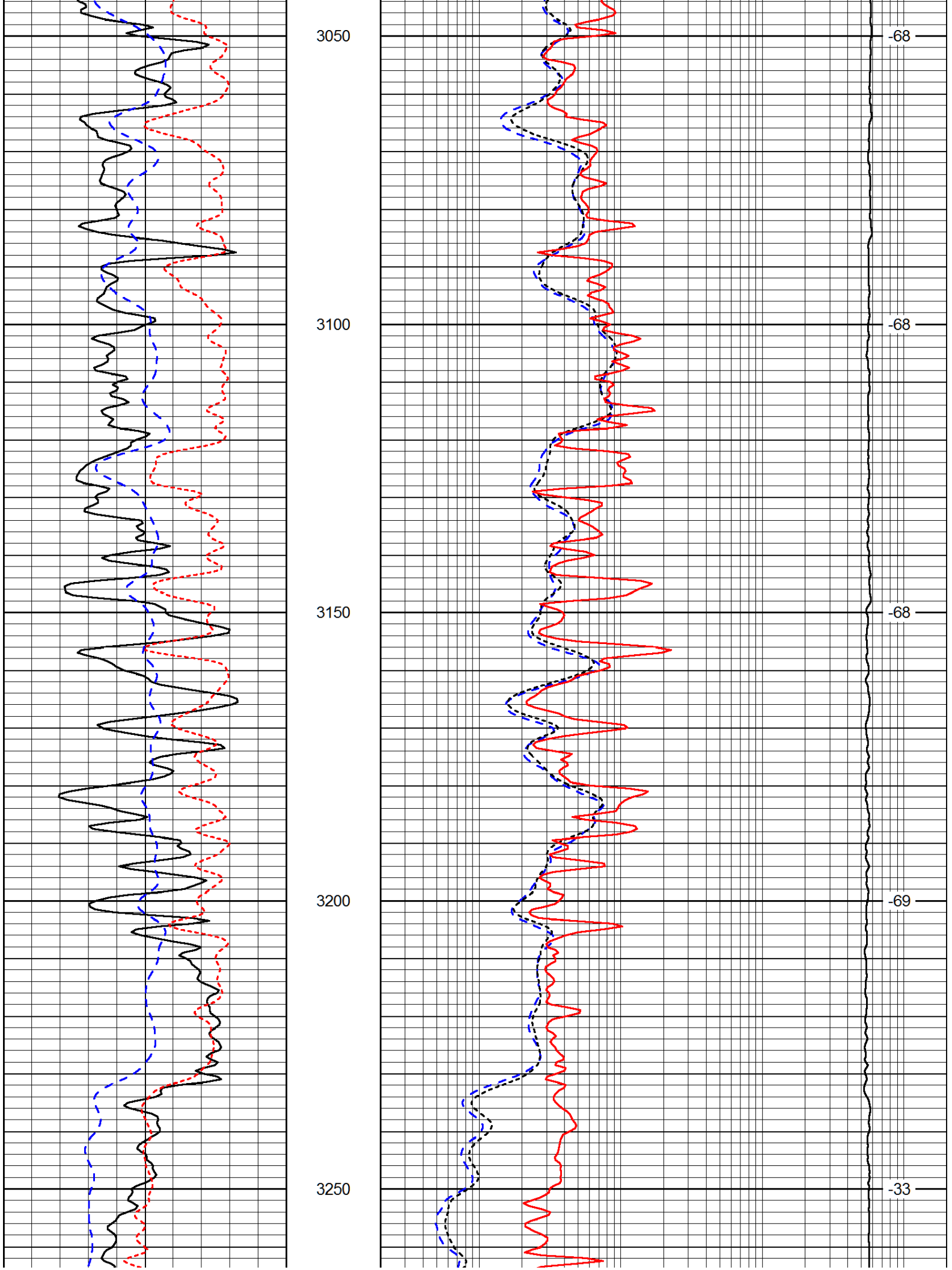

1950
2000
2050
2100
2150
-68
-68
-66
-66
-66

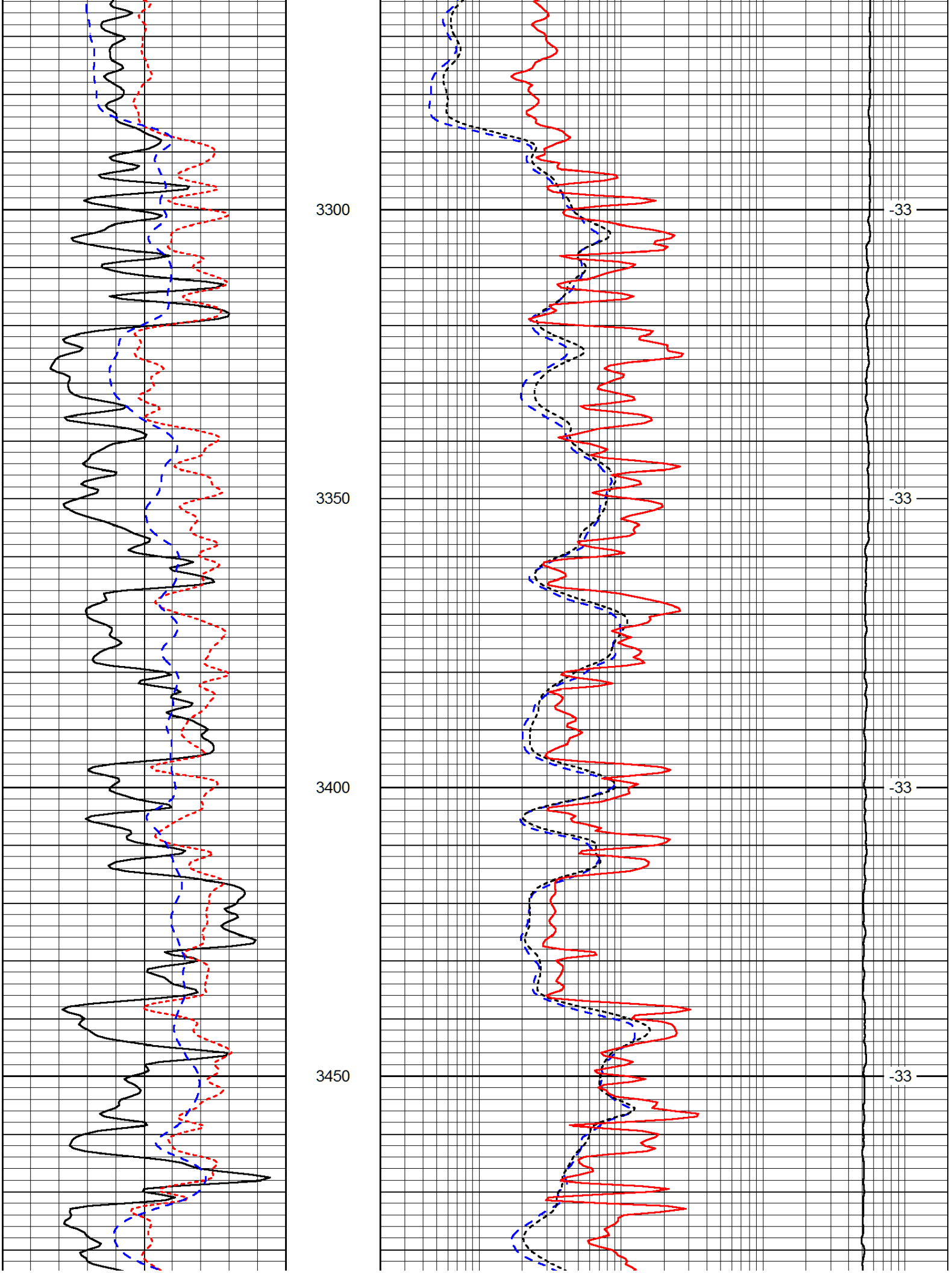

2200
2250
2300
2350
-66
-66
-66
-66

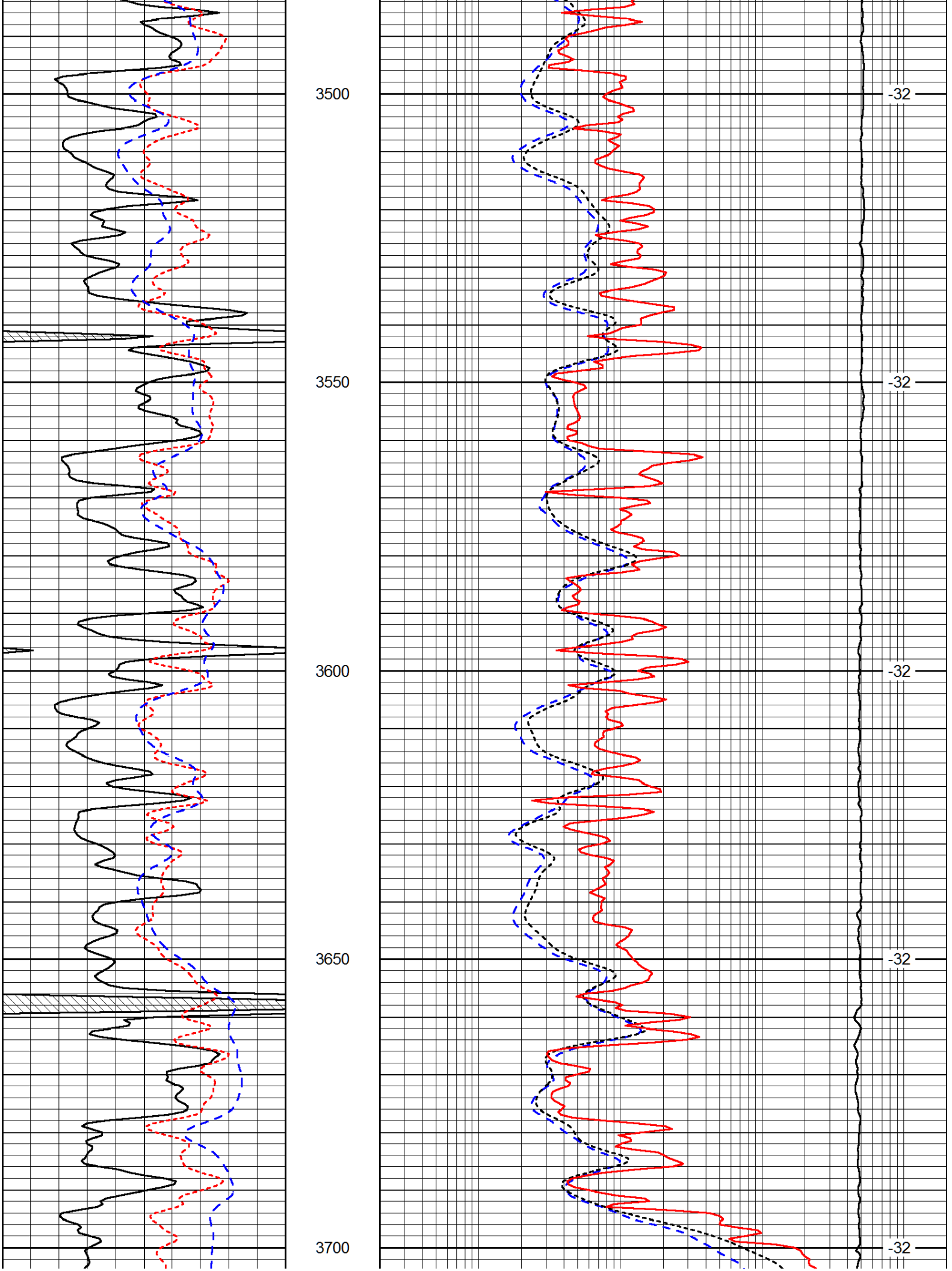

2400
2450
2500
2550
2600
-66
-66
-66
-66
-70

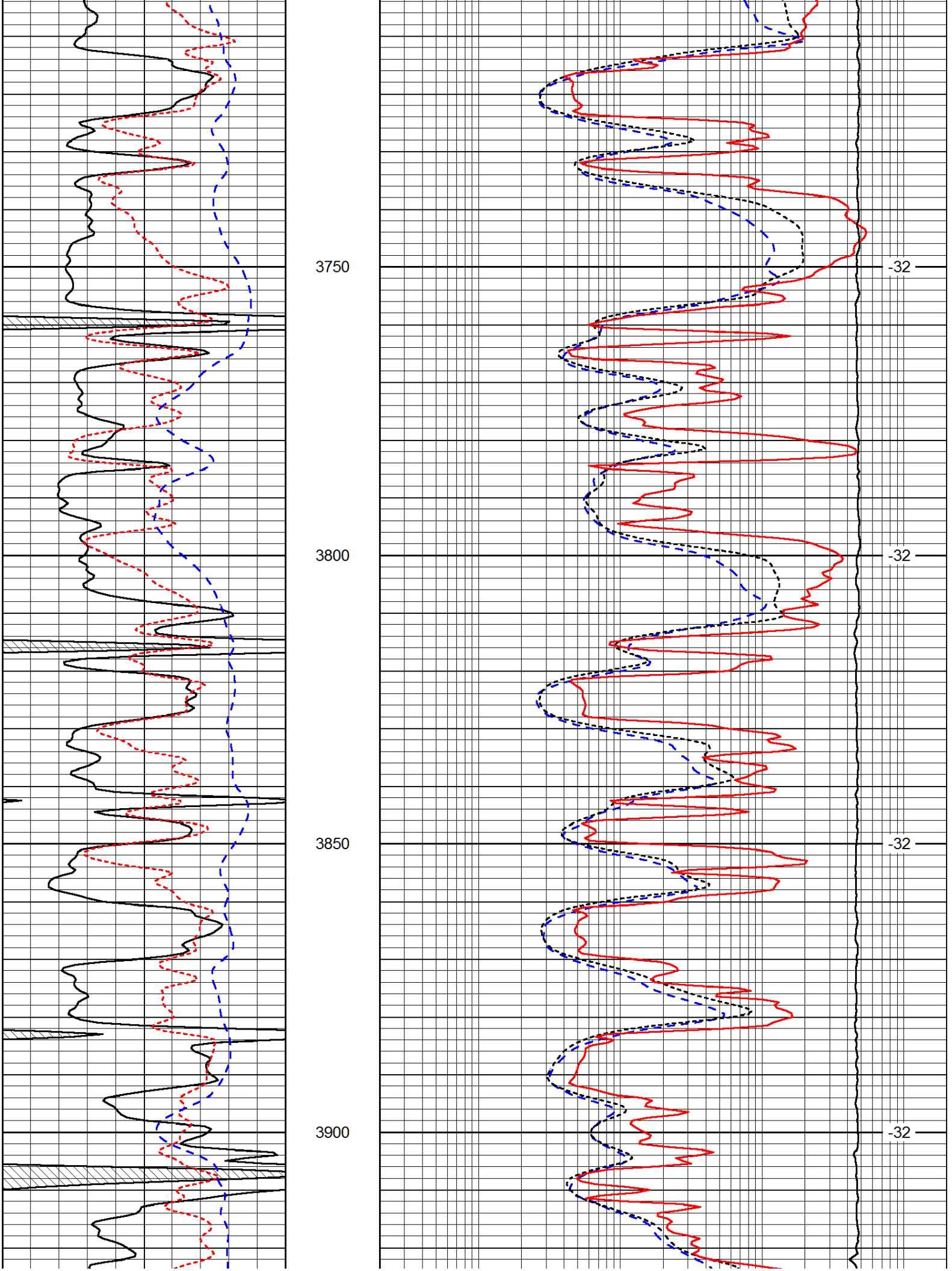

2650
2700
2750
2800
-70
-70
-68
-68

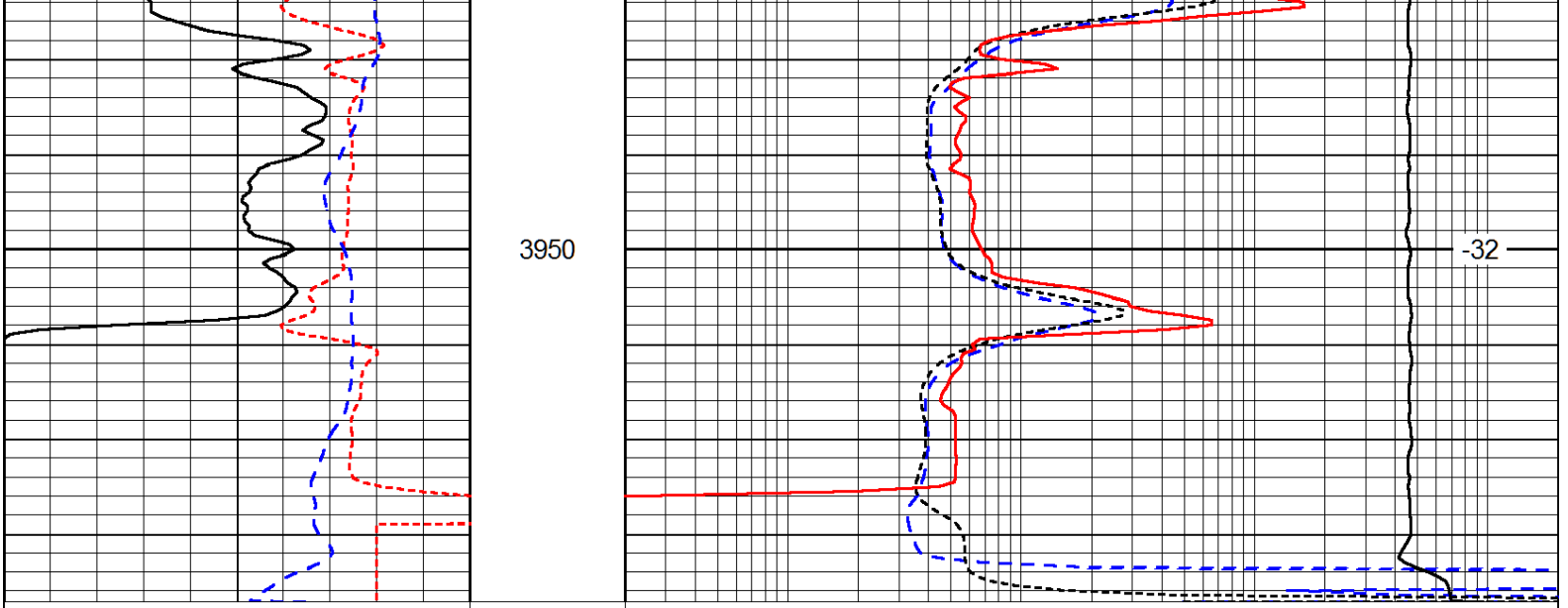

2850
2900
2950
3000
-68
-68
-68
-68


3050
3100
3150
3200
3250
-68
-68
-68
-69
-33


3300
3350
3400
3450
-33
-33
-33


3500
3550
3600
3650
3700
-32
-32
-32
-32
-32


3750
3800
3850
3900
-32
-32
-32
-32



0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)