PIONEER

Pioneer Energy Services

Dual Induction Log

API No.	15-195-22929-00-00
Company	Murfin Drilling Company, Inc.
Well	Hobbs #2-2
Field	Saline Valley
County	Trego
State	Kansas
Location	2310' FNL & 1648' FWL
Sec:	2
Twp:	11S
Rge:	24W
Other Services	CNL/CDL MEL/BHCS

Permanent Datum	Ground Level	Elevation 2330	
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Elevation

K.B.	2335
D.F.	
G.L.	2330

Date	4/7/2014		
Run Number	One		
Depth Driller	4029		
Depth Logger	4027		
Bottom Logged Interval	4026		
Top Log Interval	0		
Casing Driller	8.625 @ 219		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	3000		
Density / Viscosity	9.0 / 63		
pH / Fluid Loss	11.5 / 6.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.46 @ 64		
Rmf @ Meas. Temp	0.35 @ 64		
Rmc @ Meas. Temp	0.62 @ 64		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.25 @ 118		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	118		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Charles Schmaltz		

<<< Fold Here >>>

Comments

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

Wakeeney,
North on Hwy 281 to B Rd, 5 West to 210 Rd, 3/4 North,
East & South into

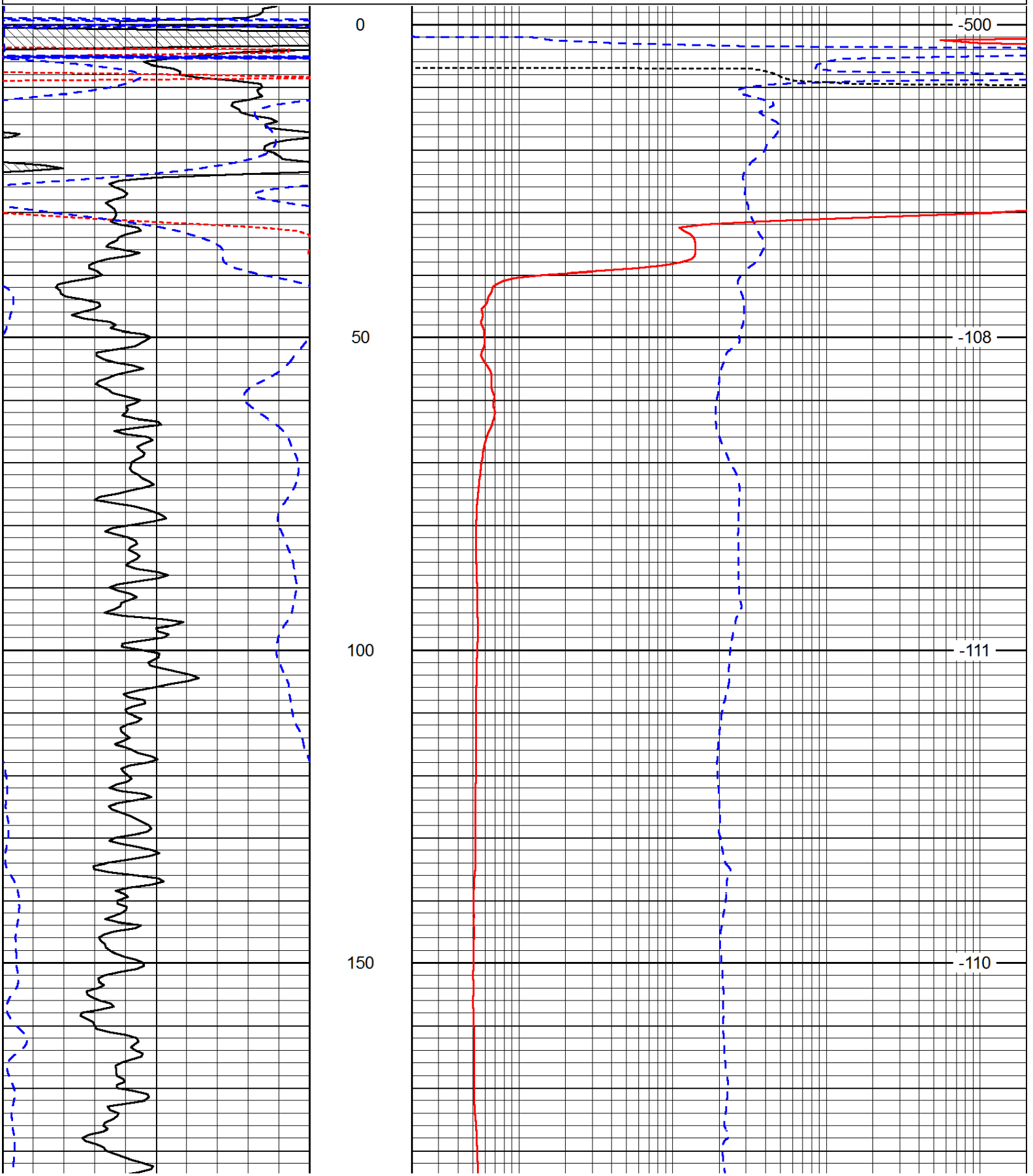
Database File:	murfin2_040714hd.db
Dataset Pathname:	dil/mrfstkml
Presentation Format:	dil
Dataset Creation:	Mon Apr 07 14:30:13 2014
Charted by:	Depth in Feet scaled 1:240

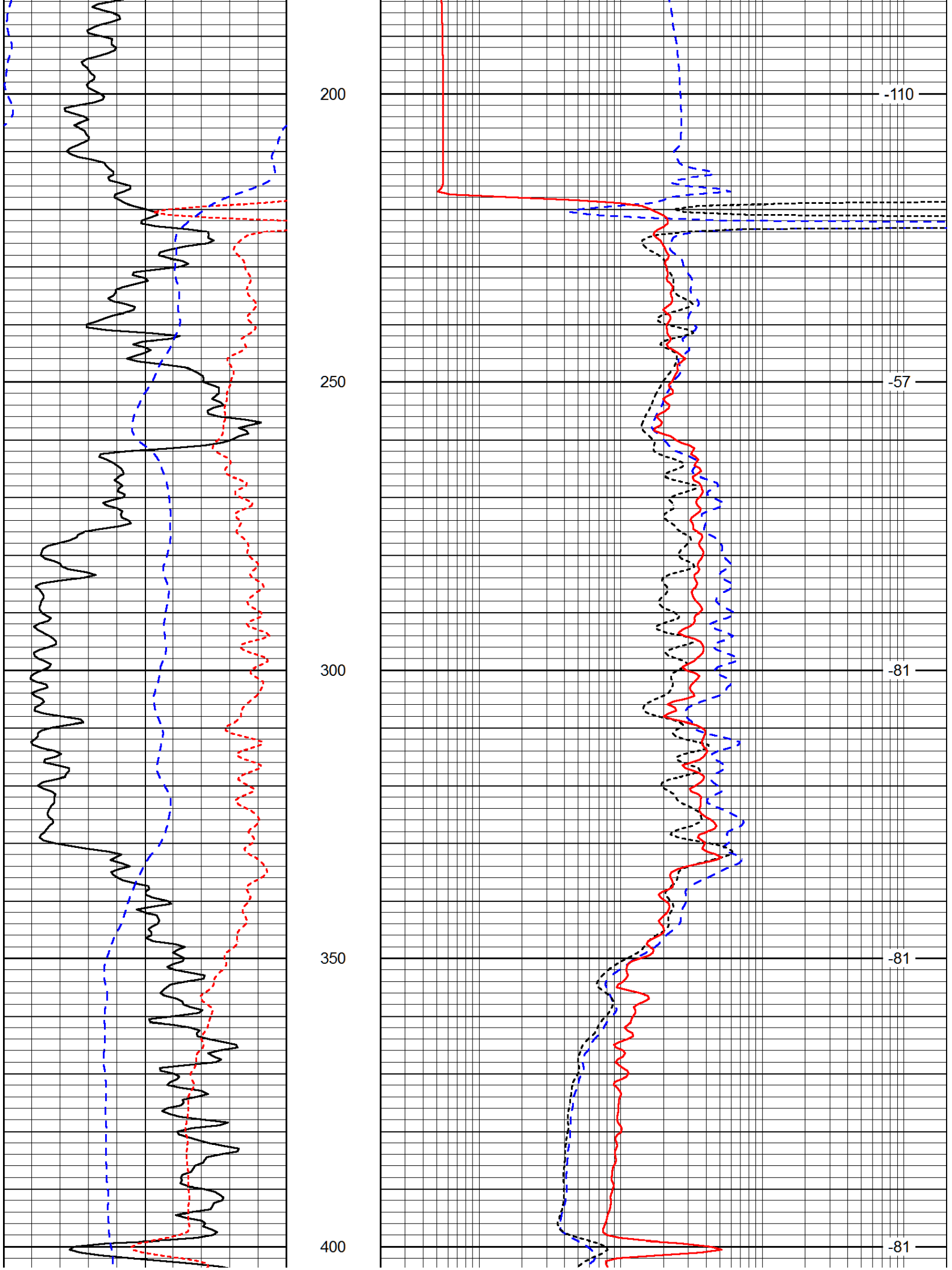
Charted by: Depth in Feet scaled 1:240

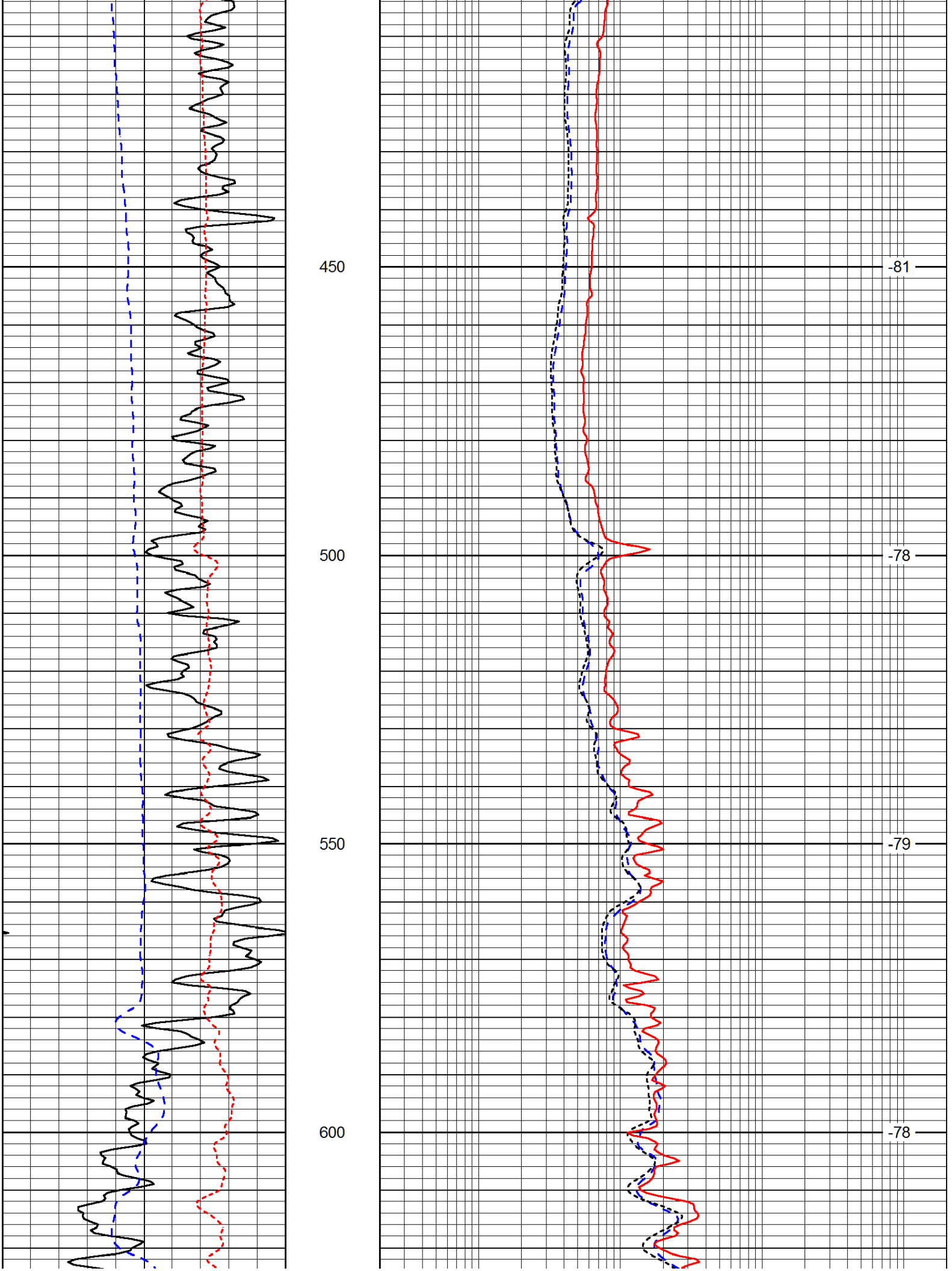
0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

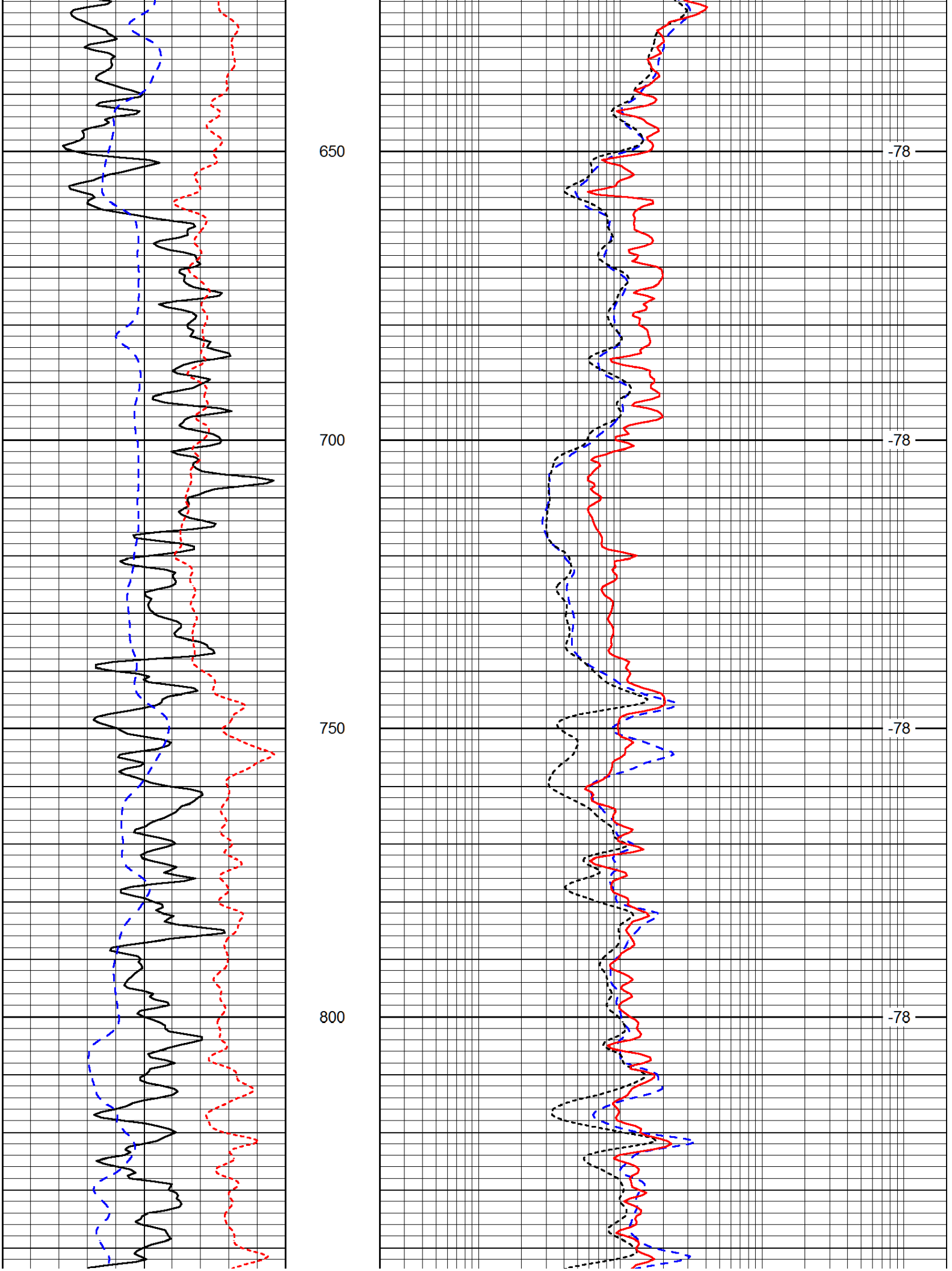
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

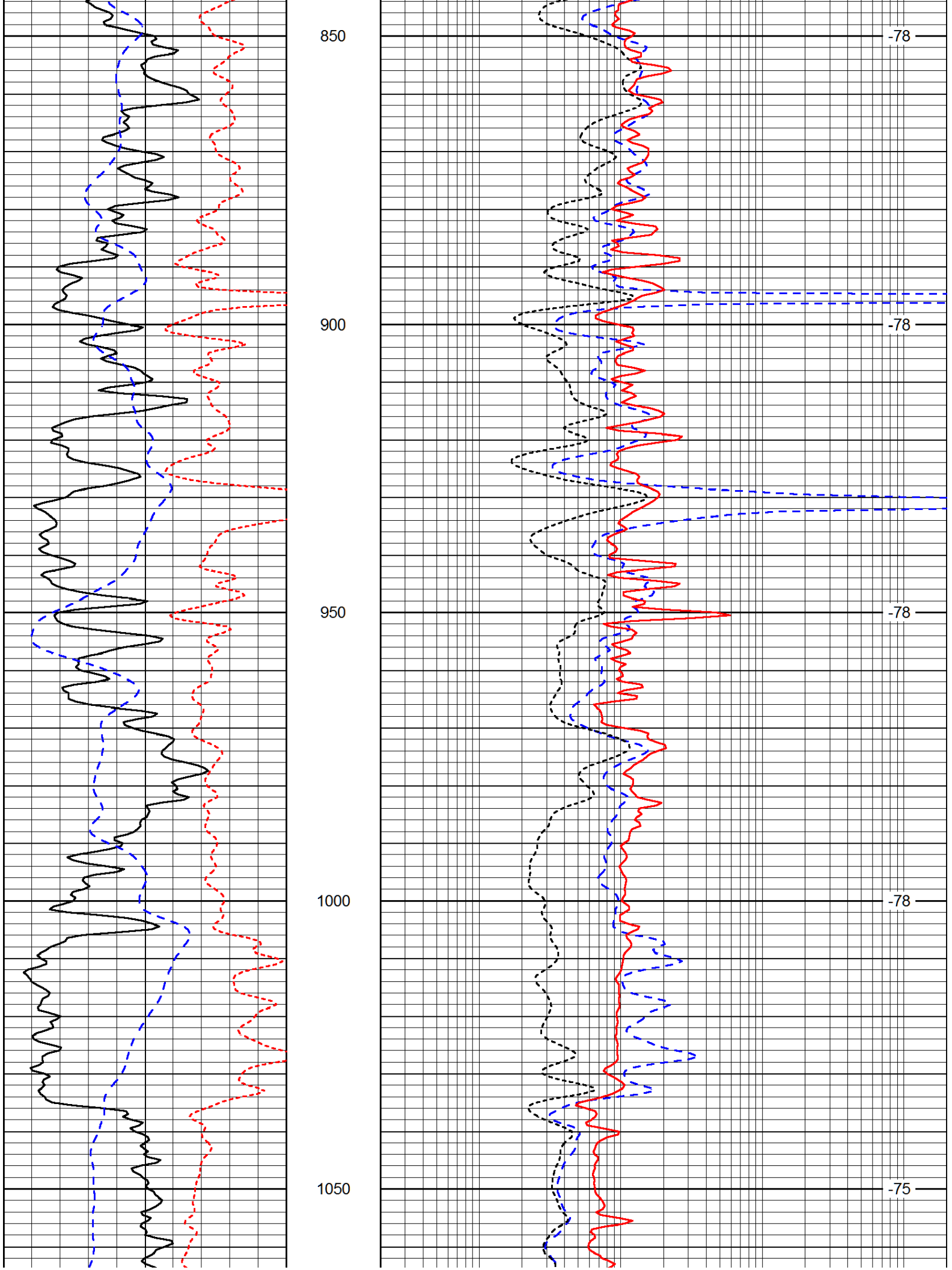
LSPD (ft/min)

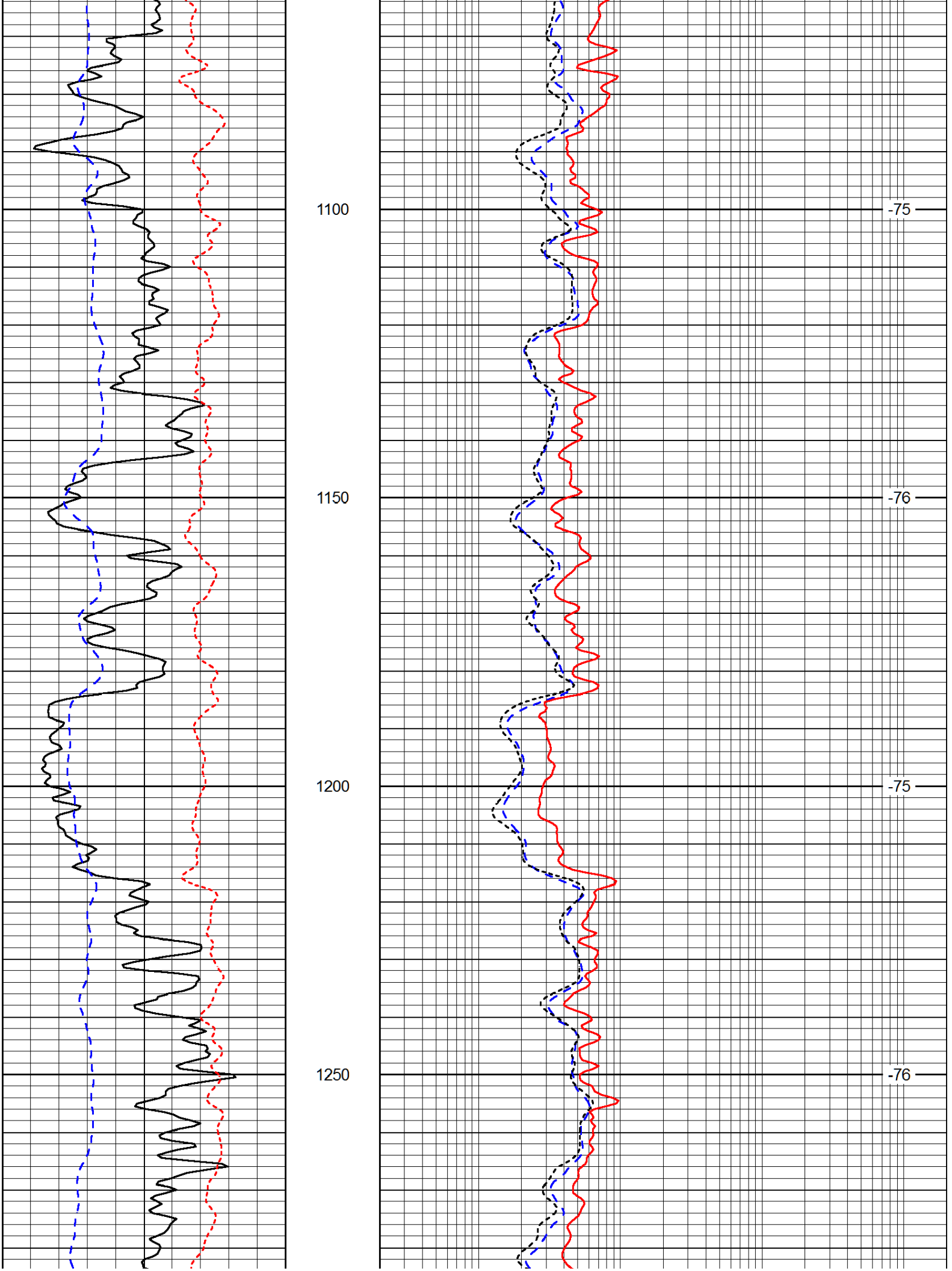


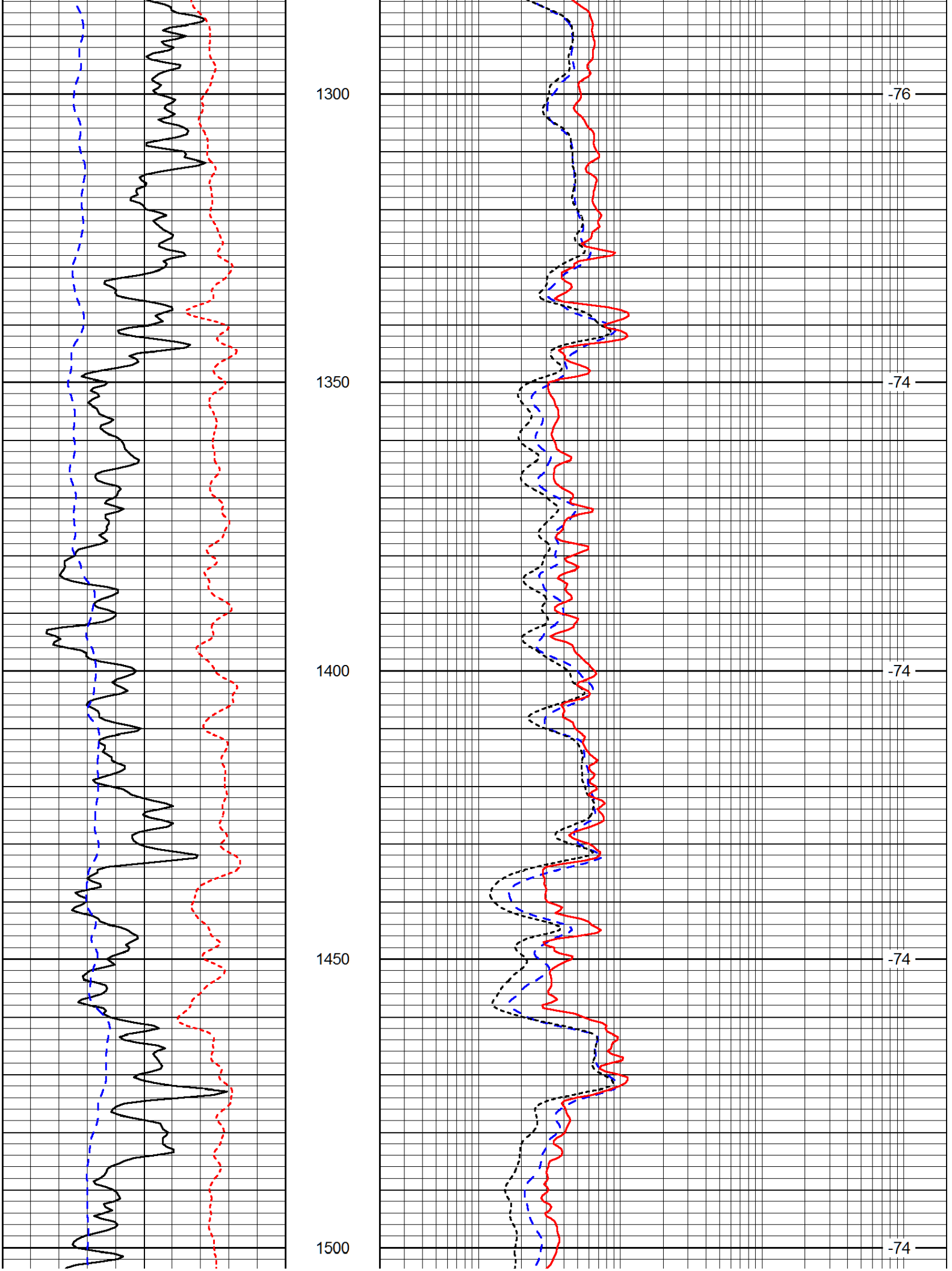

200
250
300
350
400
-110
-57
-81
-81
-81

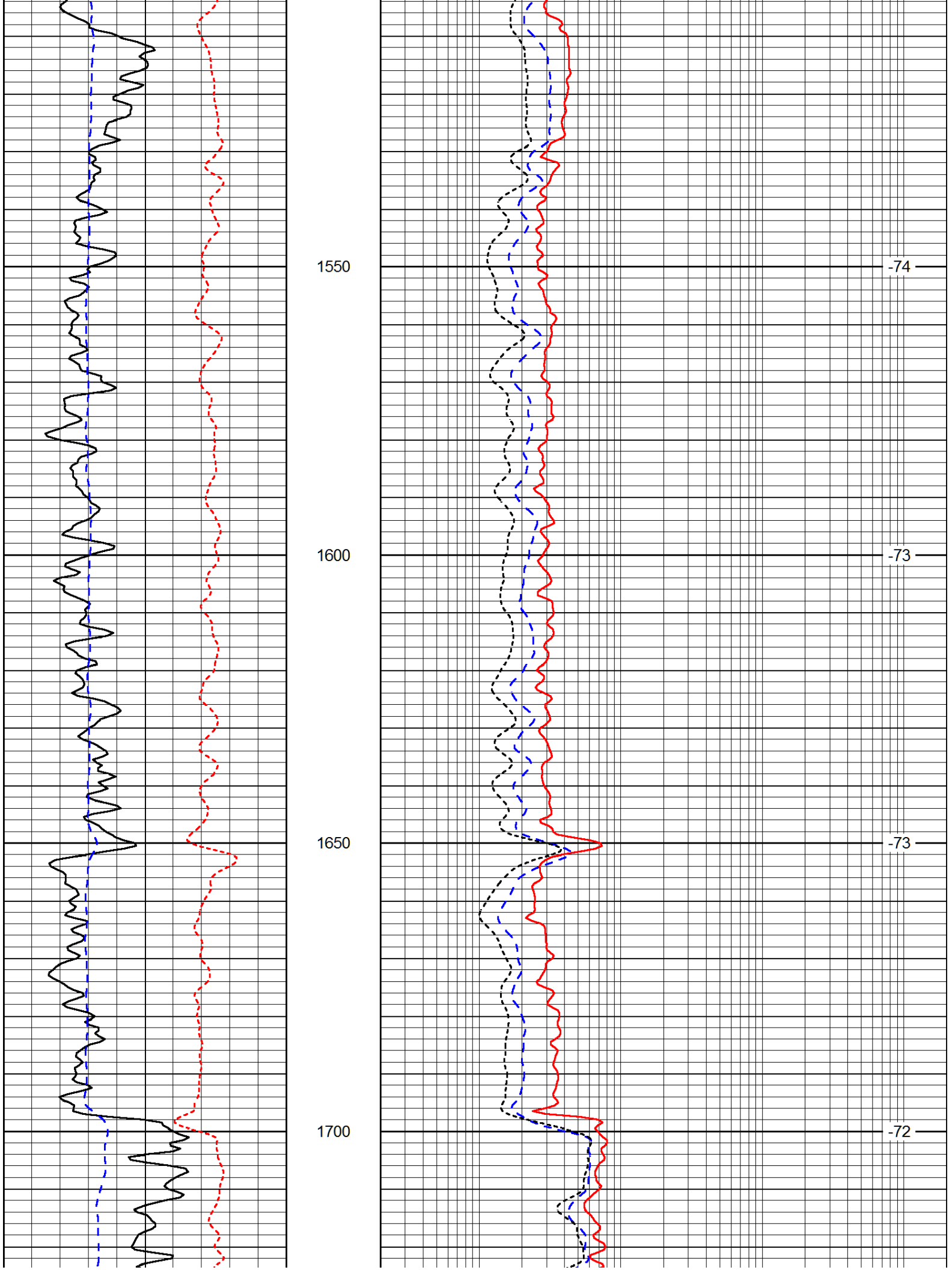

450
500
550
600
-81
-78
-79
-78

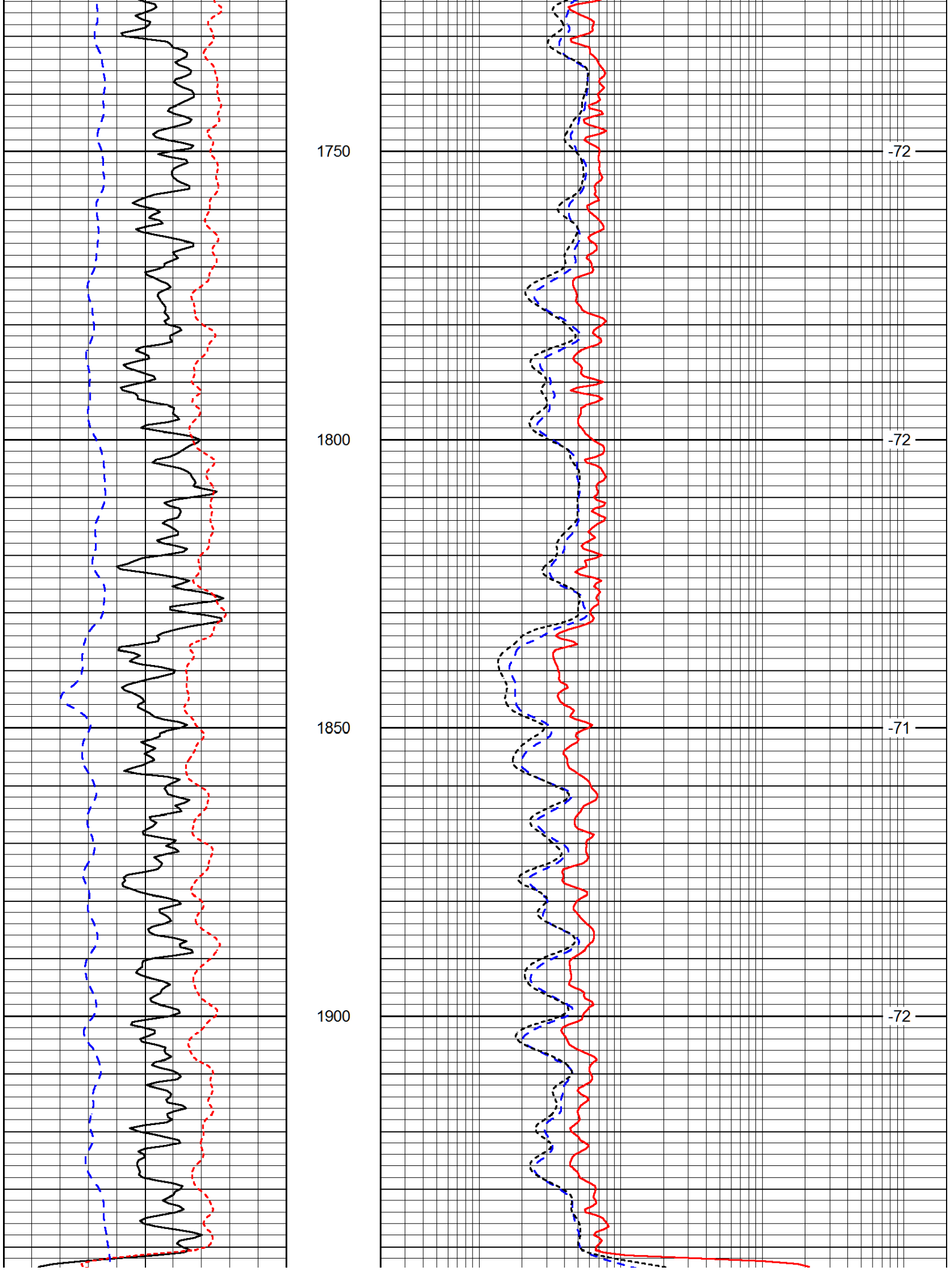

650
700
750
800
-78
-78
-78
-78

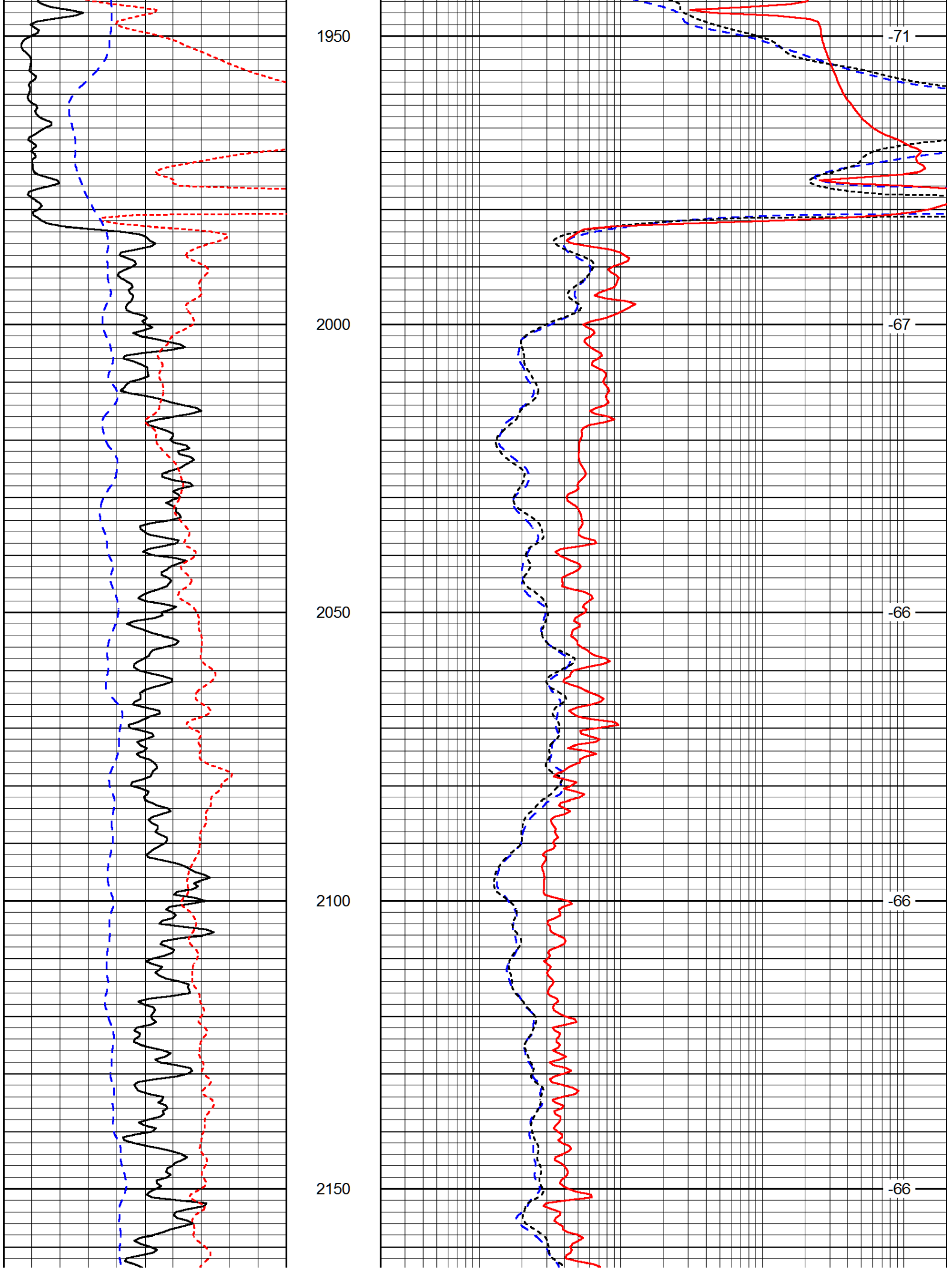

850
900
950
1000
1050
-78
-78
-78
-78
-75

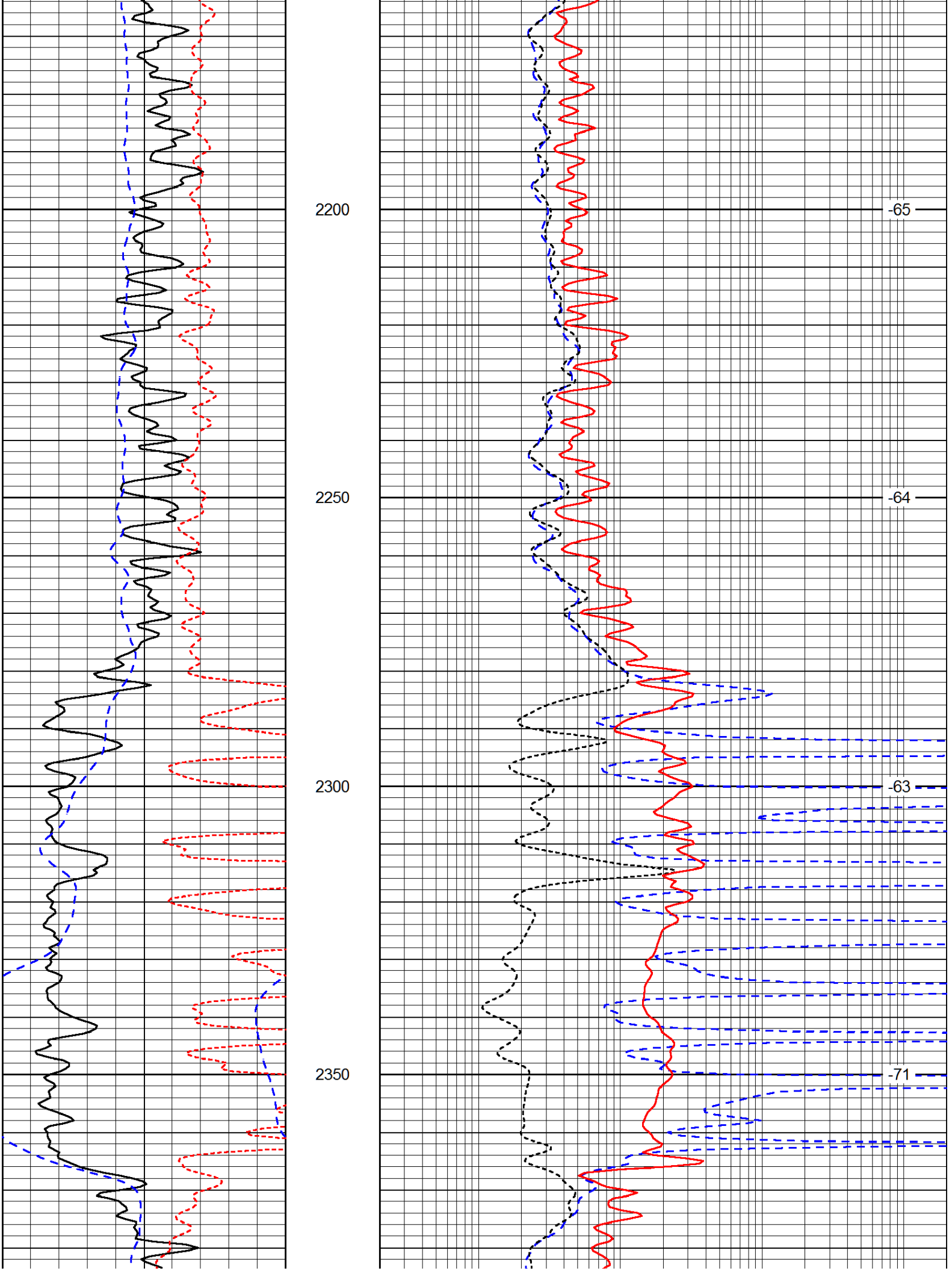

1100
1150
1200
1250
-75
-76
-75
-76

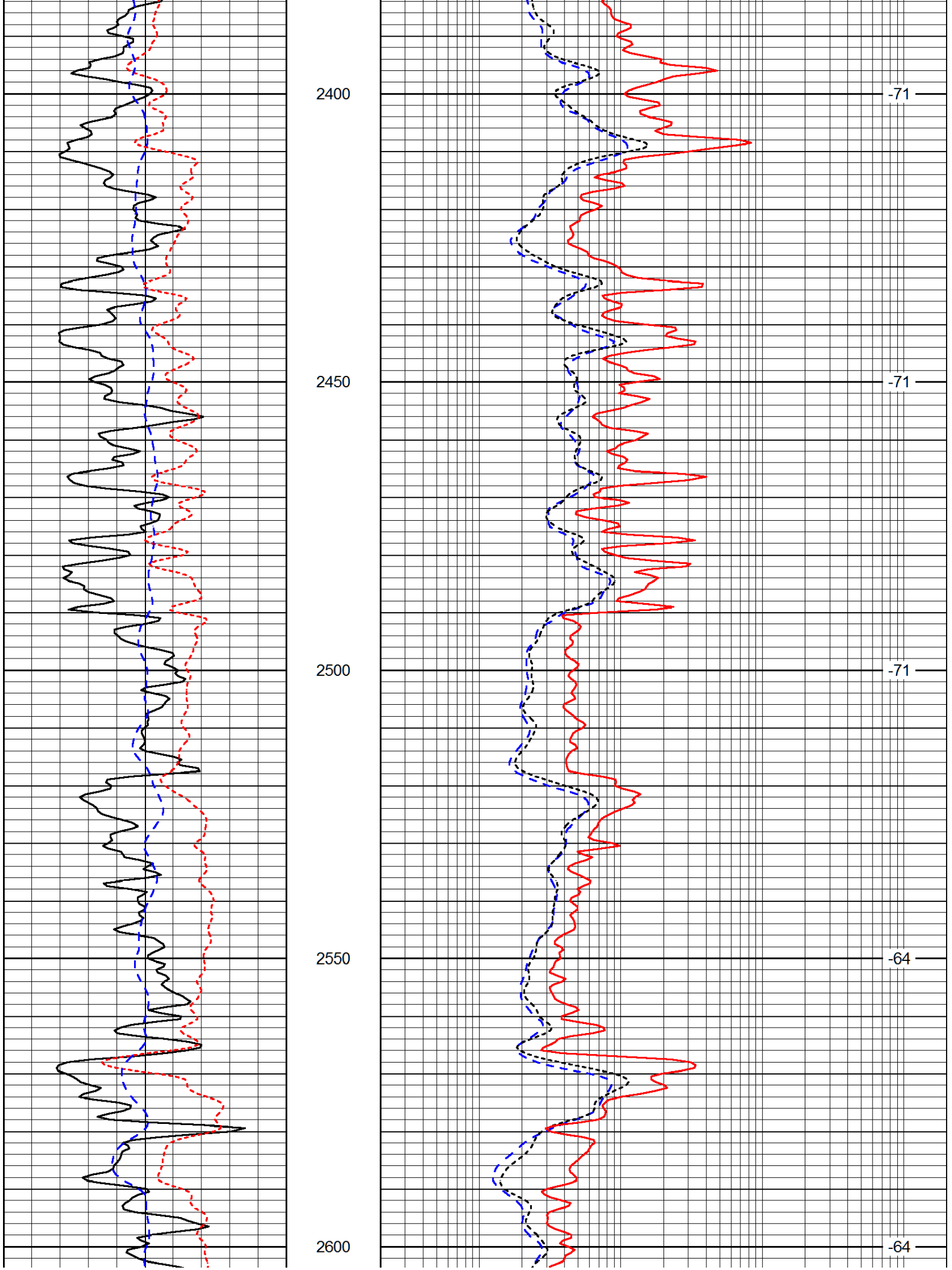

1300
1350
1400
1450
1500
-76
-74
-74
-74
-74

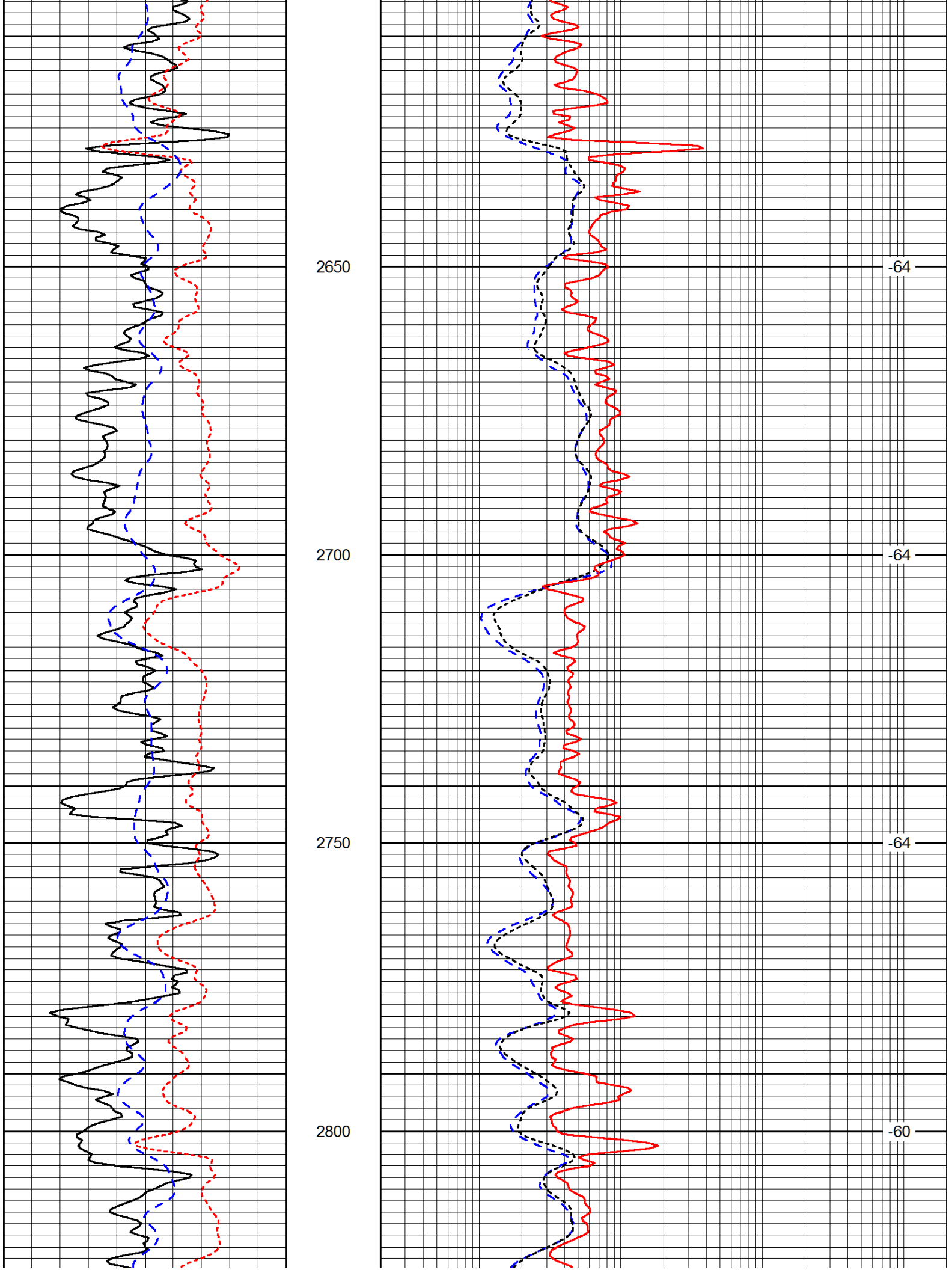

1550
1600
1650
1700
-74
-73
-73
-72

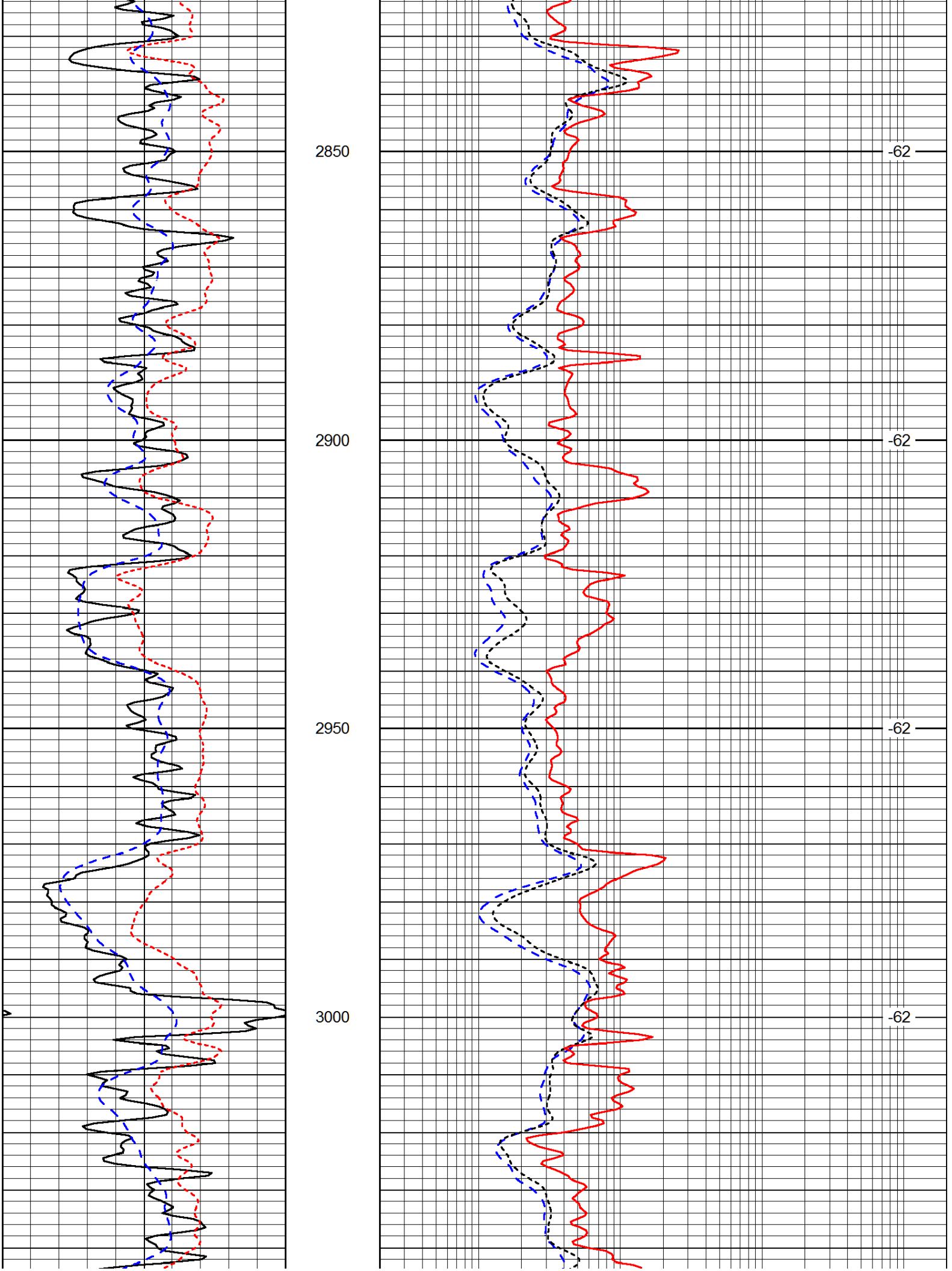

1750
1800
1850
1900
-72
-72
-71
-72

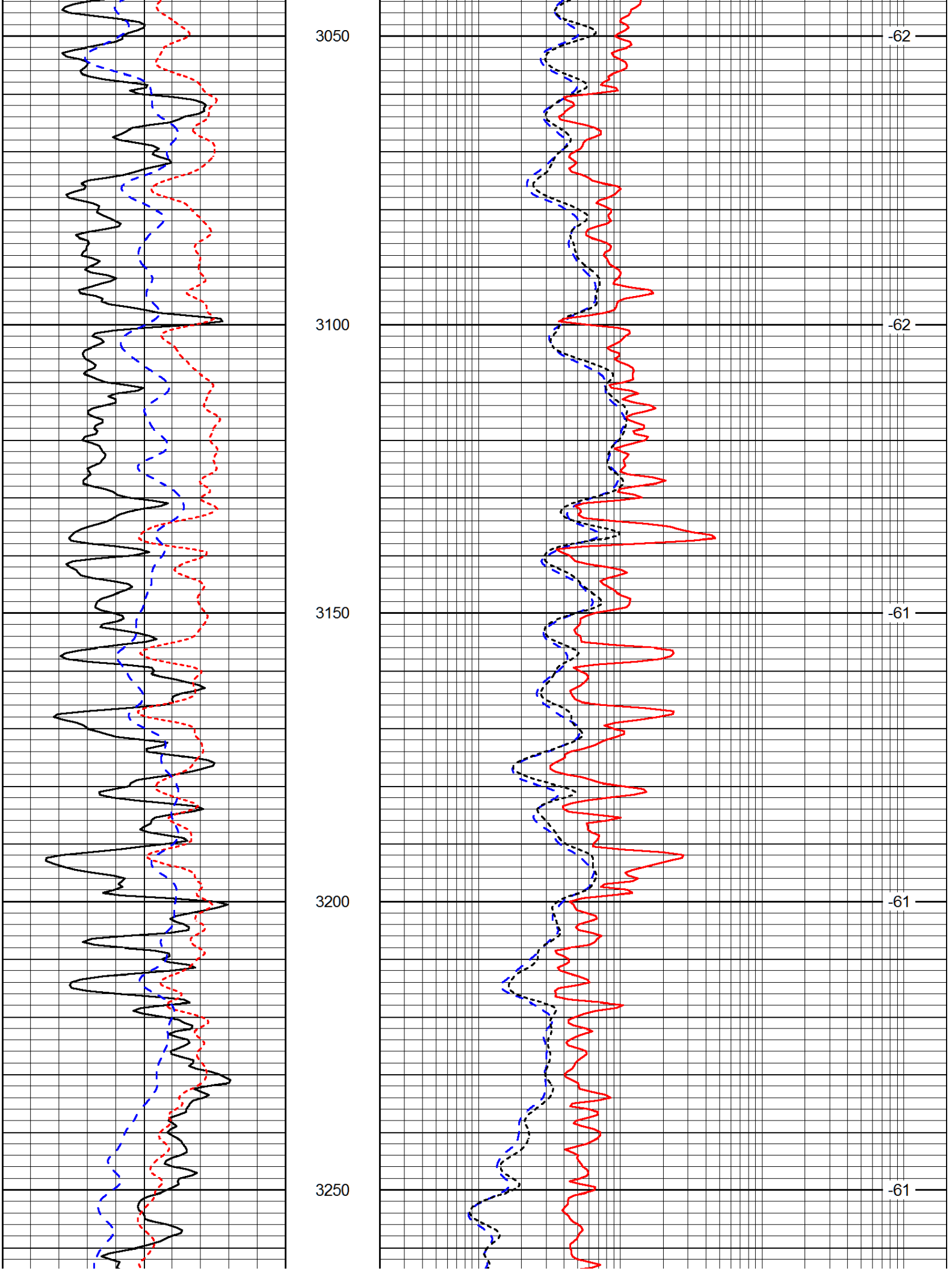

1950
2000
2050
2100
2150
-71
-67
-66
-66
-66

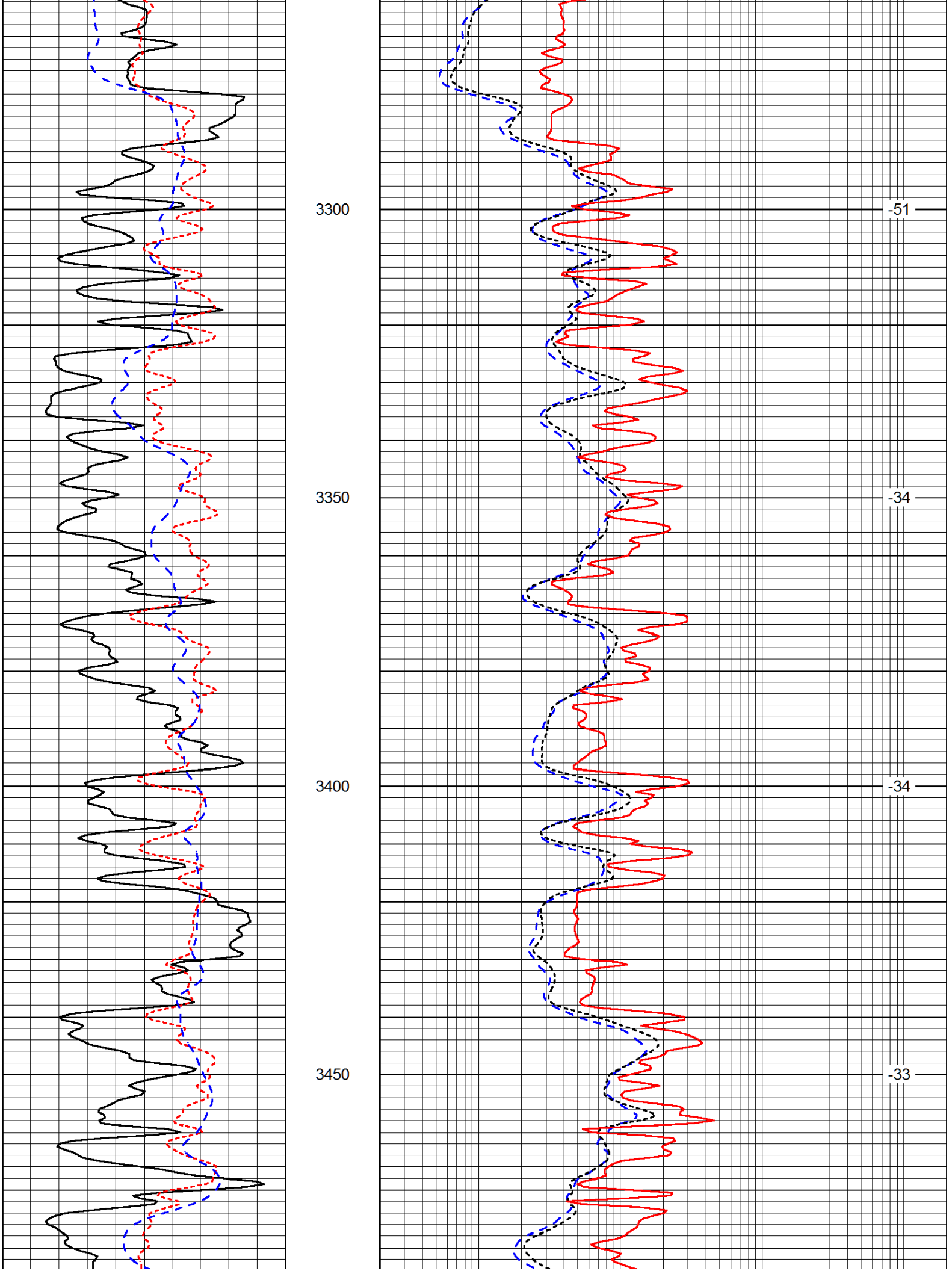

2200
2250
2300
2350
-65
-64
-63
-71

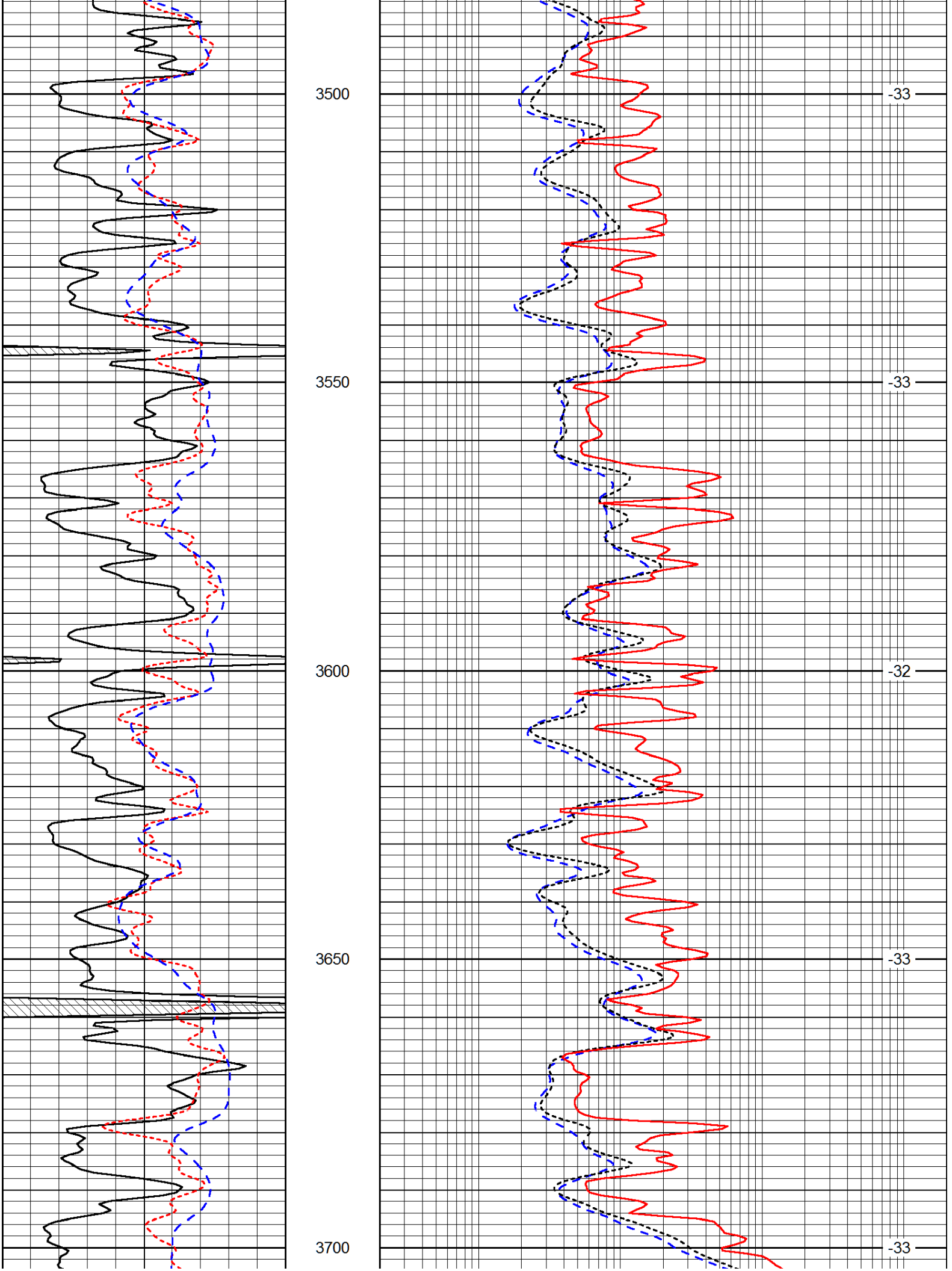

2400
2450
2500
2550
2600
-71
-71
-71
-64
-64

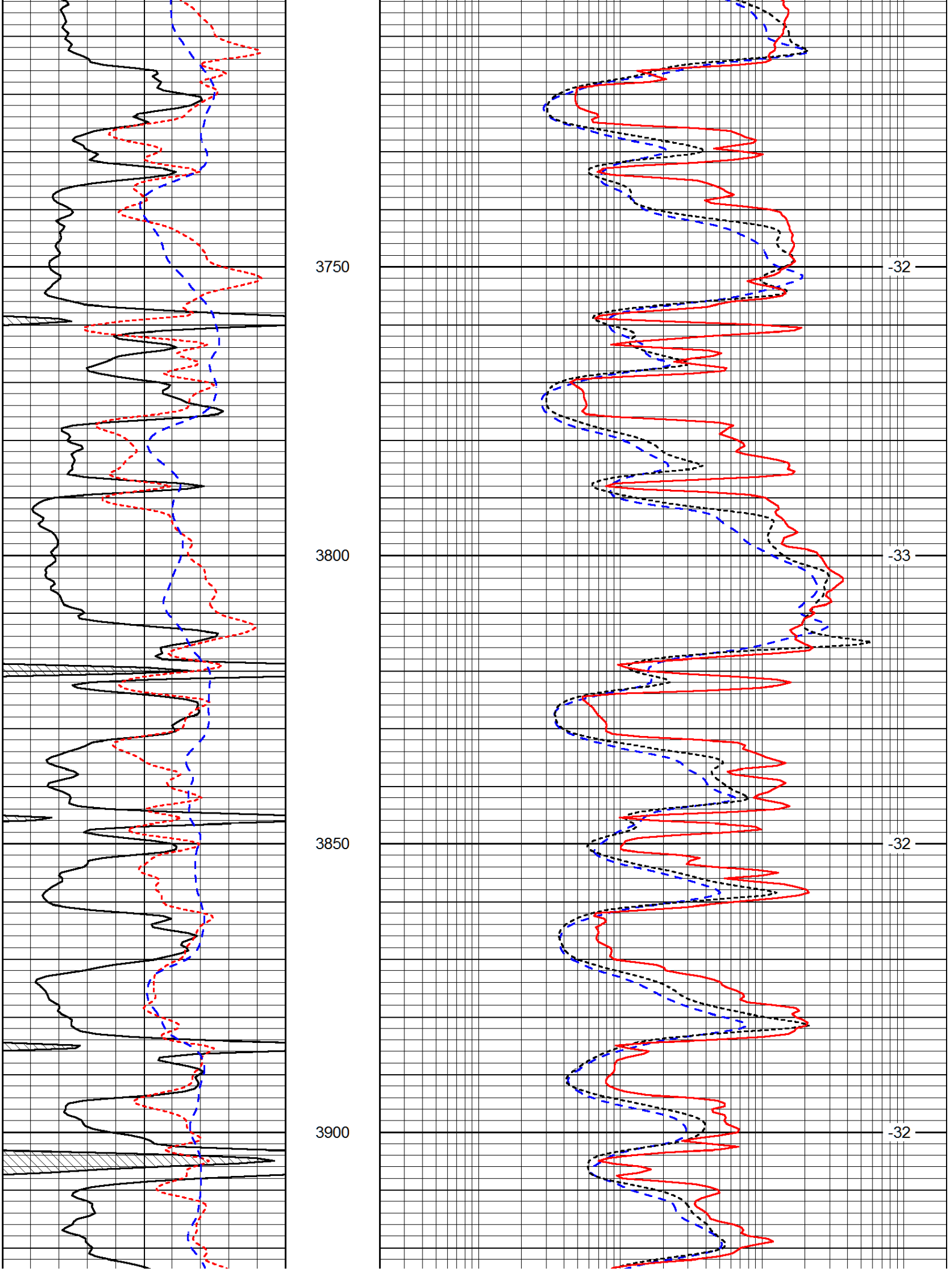

2650
2700
2750
2800
-64
-64
-64
-60

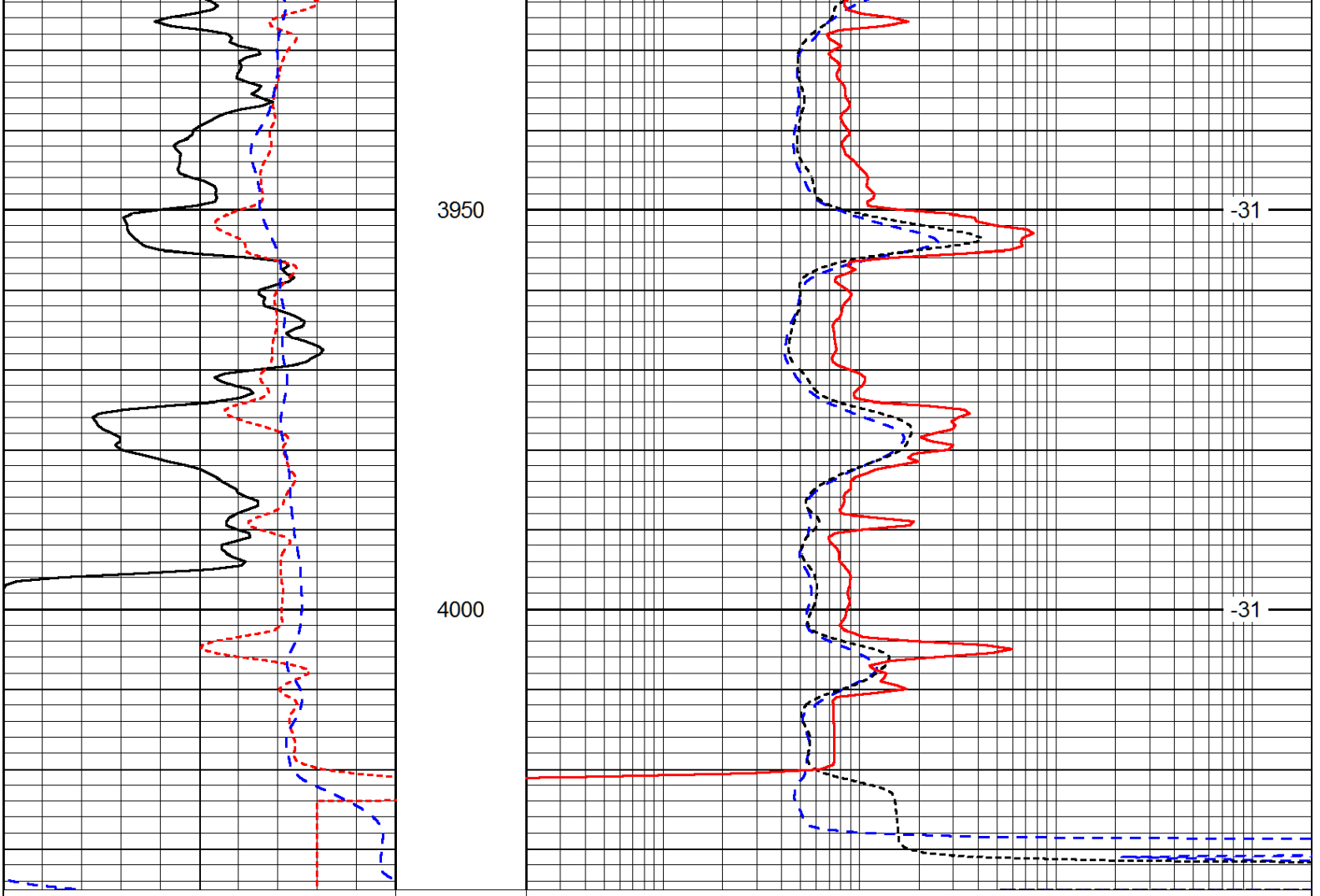

2850
2900
2950
3000
-62
-62
-62
-62


3050
3100
3150
3200
3250
-62
-62
-61
-61
-61


3300
3350
3400
3450
-51
-34
-34
-33


3500
3550
3600
3650
3700
-33
-33
-32
-33
-33


3750
3800
3850
3900
-32
-33
-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)