PIONEER

Pioneer Energy Services

Borehole Compensated Sonic Log

API No. 15-009-25,848-00-00

Company Bird Dog Oil, LLC

Well Beaver S-Kory No. 1-27

Field Beaver South

County Barton State Kansas

Location 2,300' FNL & 420' FWL

Sec: 27 Twp: 16S Rge: 12W

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B.: 1896
D.F.:
G.L.: 1888

Permanent Datum Ground Level Elevation 1888
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	7/2/2013
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3420
Depth Logger	3415
Bottom Logged Interval	3404
Top Logged Interval	350
Type Fluid In Hole	Chemical
Salinity, PPM CL	5500
Density	9.3
Level	Full
Max. Rec. Temp. F	110
Operating Rig Time	4 Hours
Equipment -- Location	108 Hays
Recorded By	J. Long
Witnessed By	Adam Nighswonger

Borehole Record

Run No.	Bit	From	To
One	12.25	00	381
Two	7.875	381	TD

Casing Record

Size	Wgt.	From	To
8.625	23#	00	381

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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

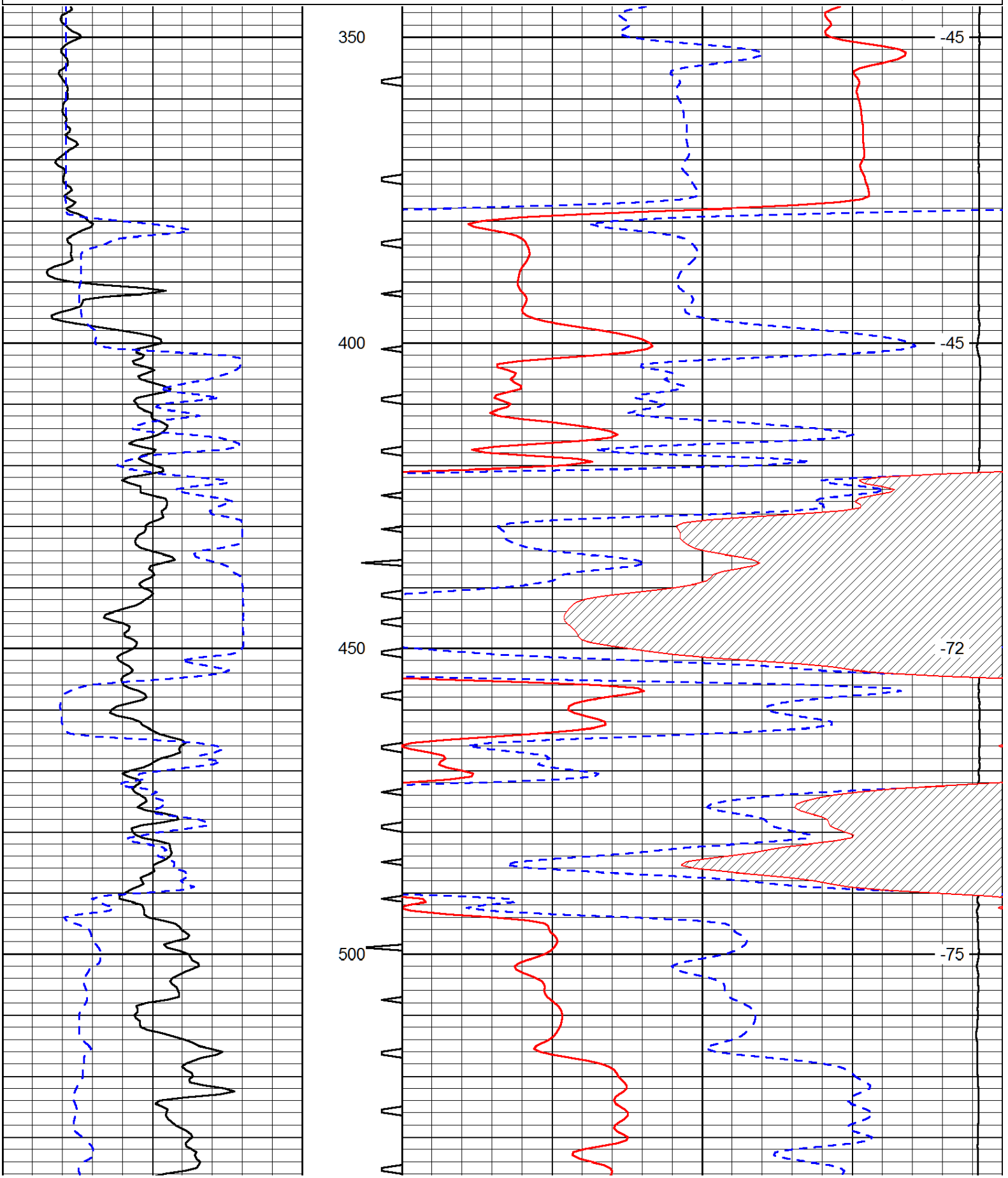
Thank you for using Log-Tech, Inc.
(785) 625-3858

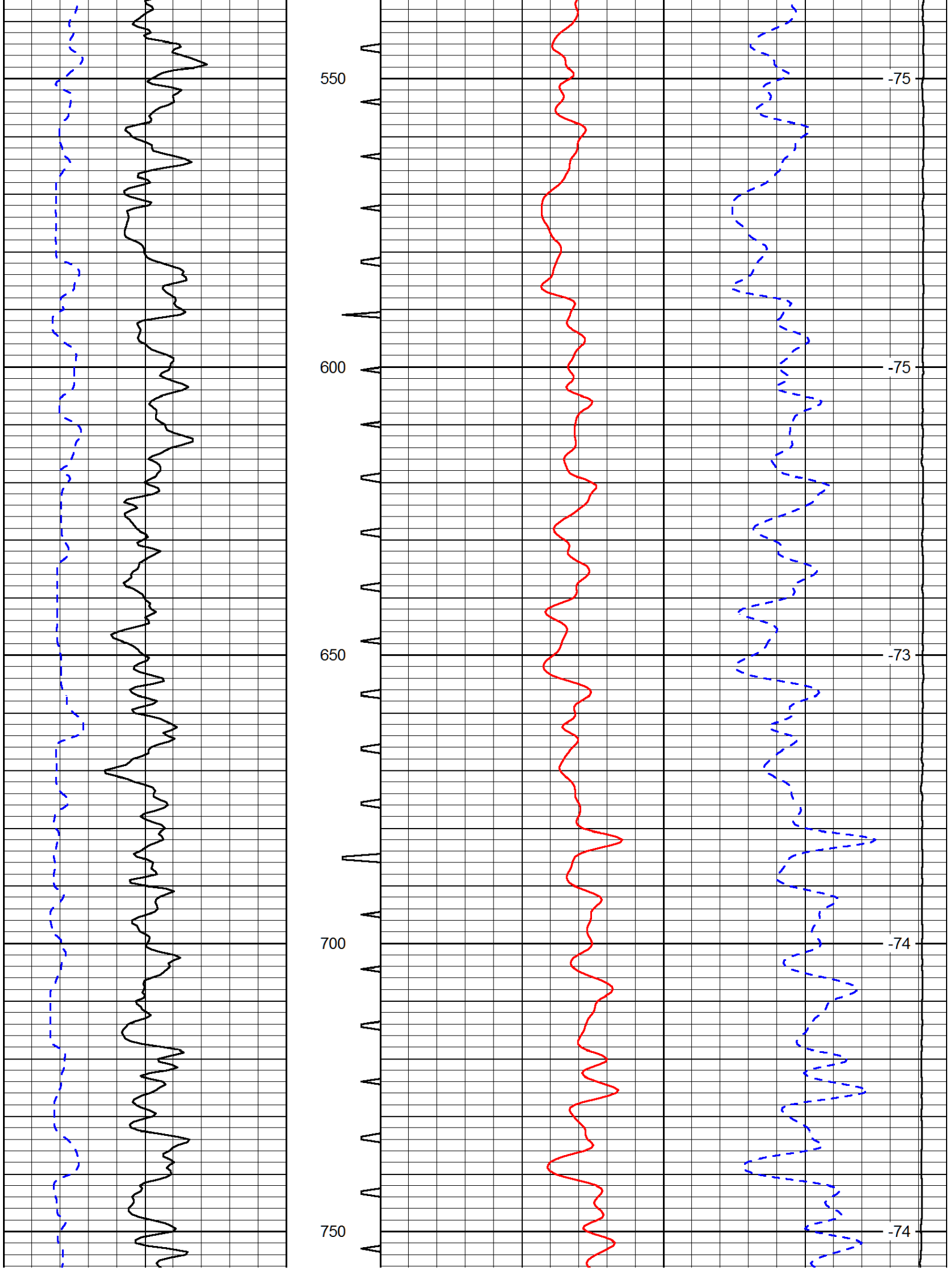
Beaver, 1 East, 1/2 South, East Into

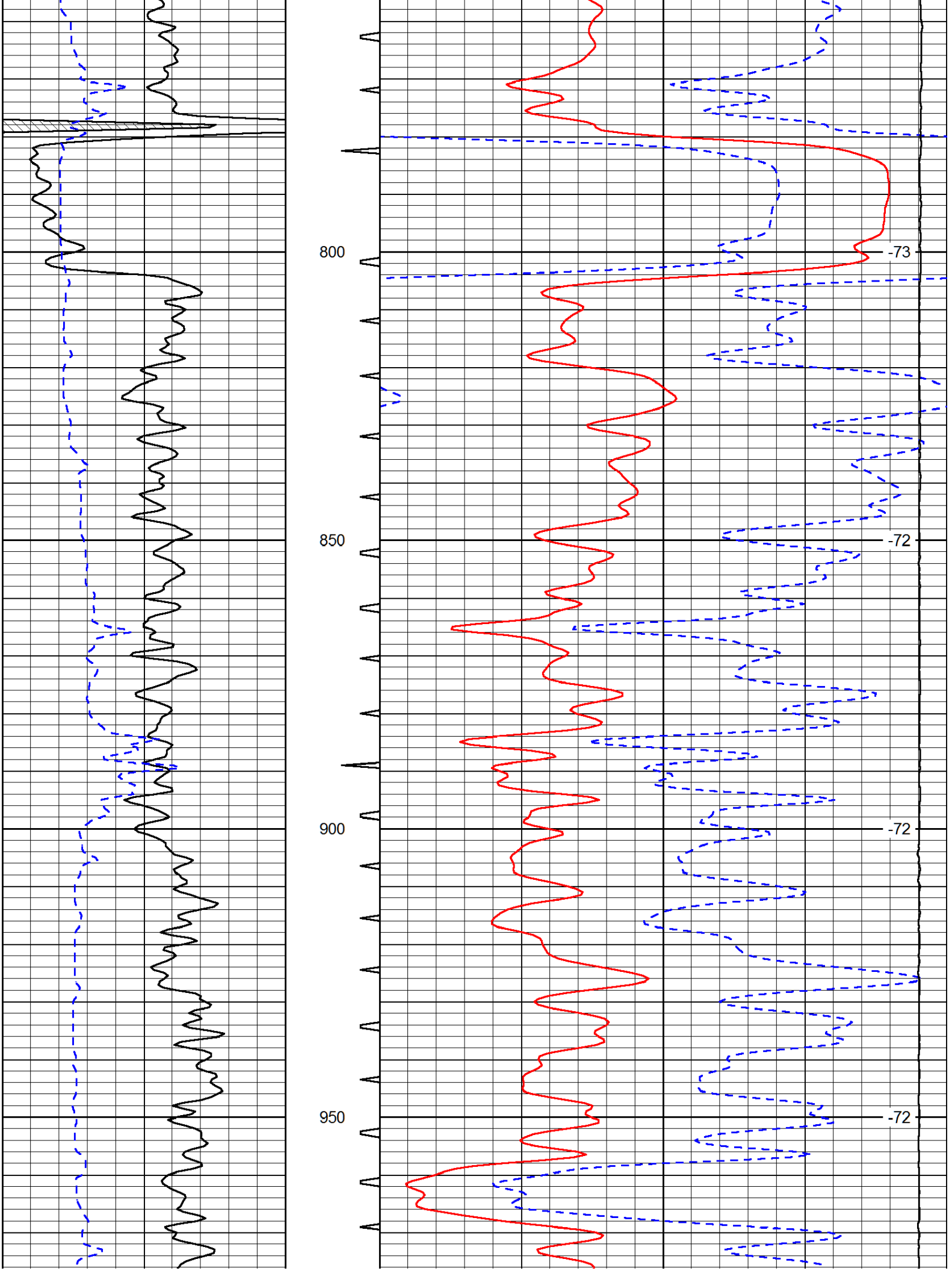
Database File:	birddog_beaver-southkory_1-27hd.db
Dataset Pathname:	dil/birdstck
Presentation Format:	sonic
Dataset Creation:	Tue Jul 02 09:24:36 2013
Charted by:	Depth in Feet scaled 1:240

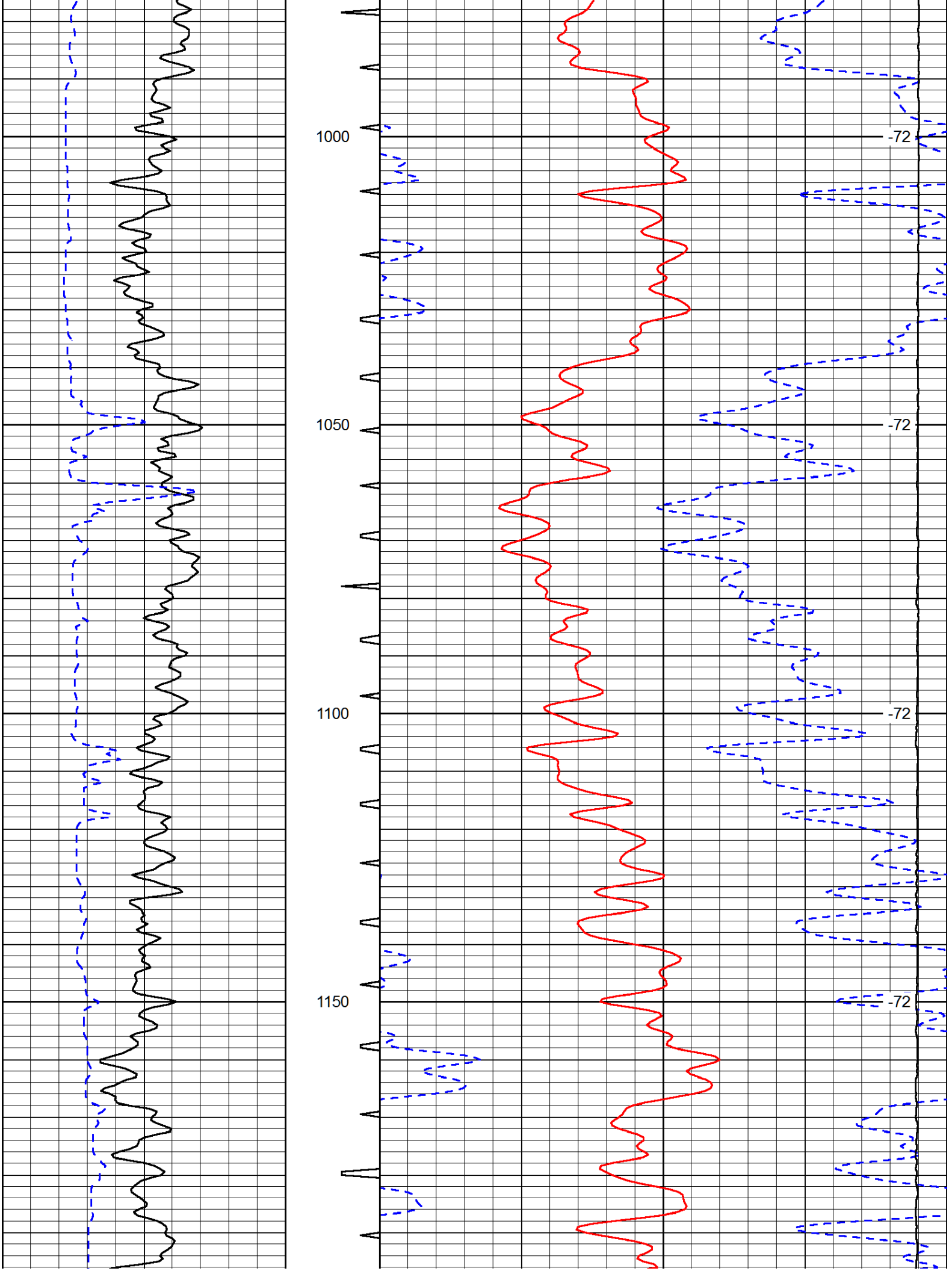
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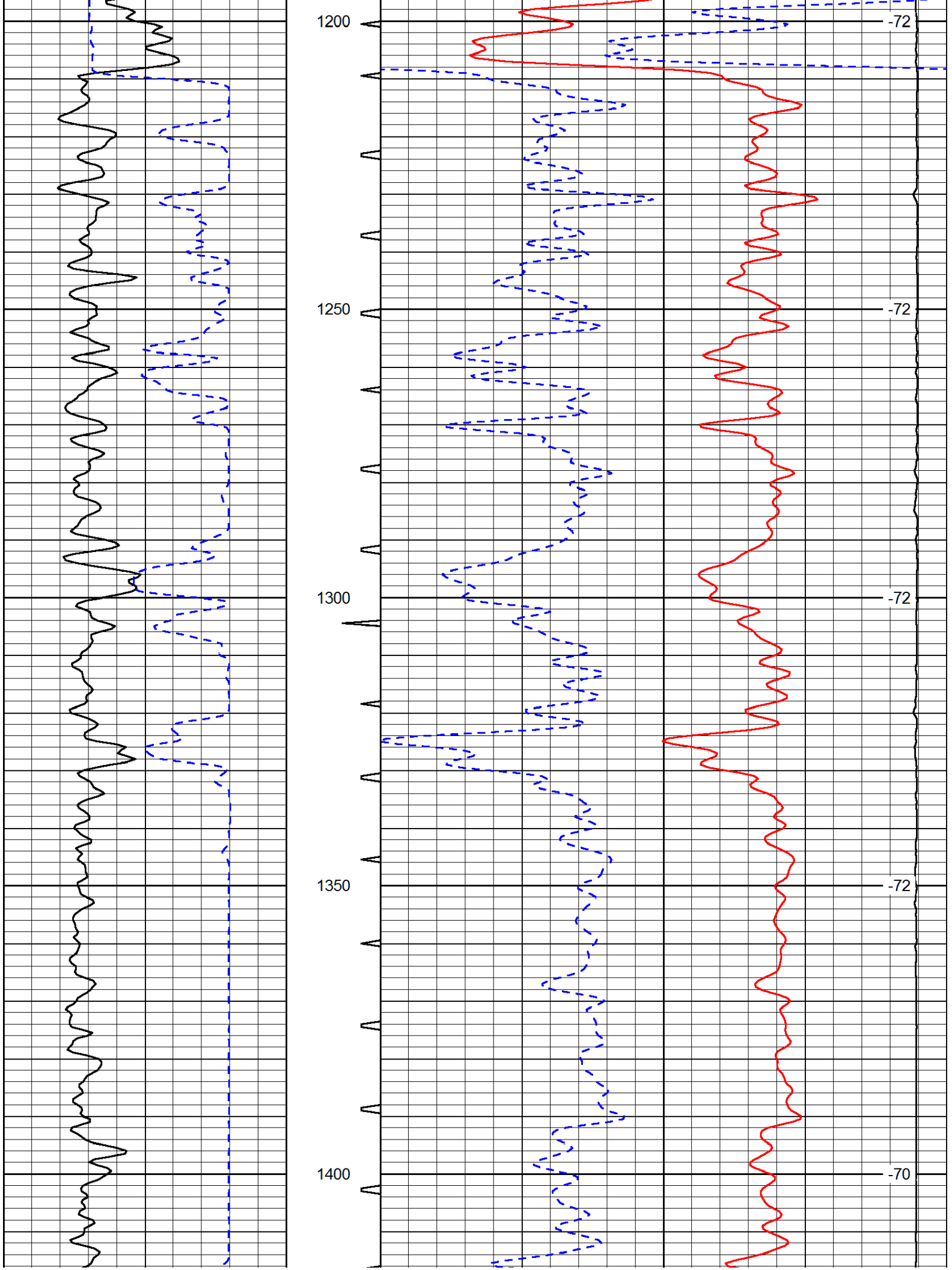
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

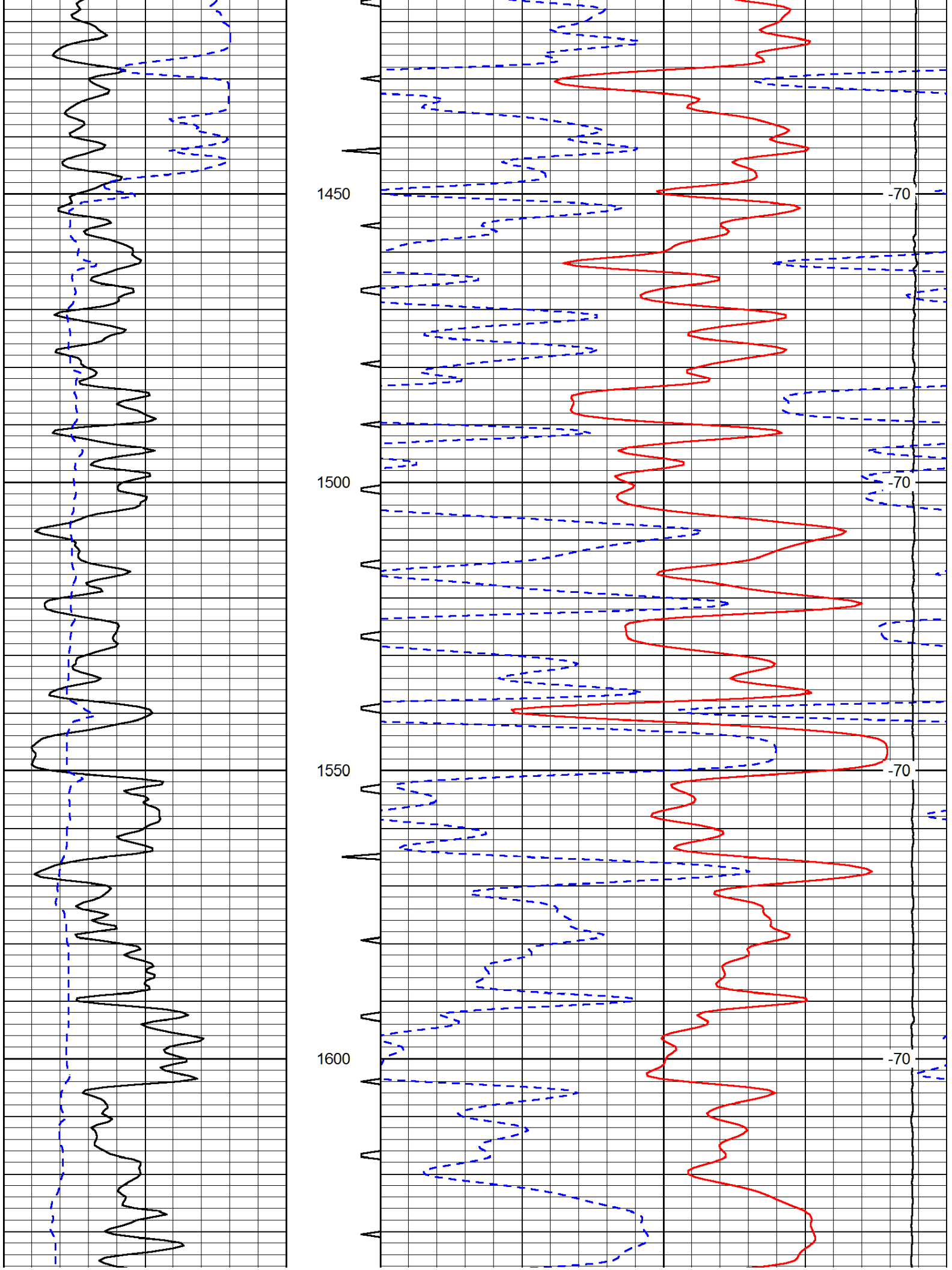


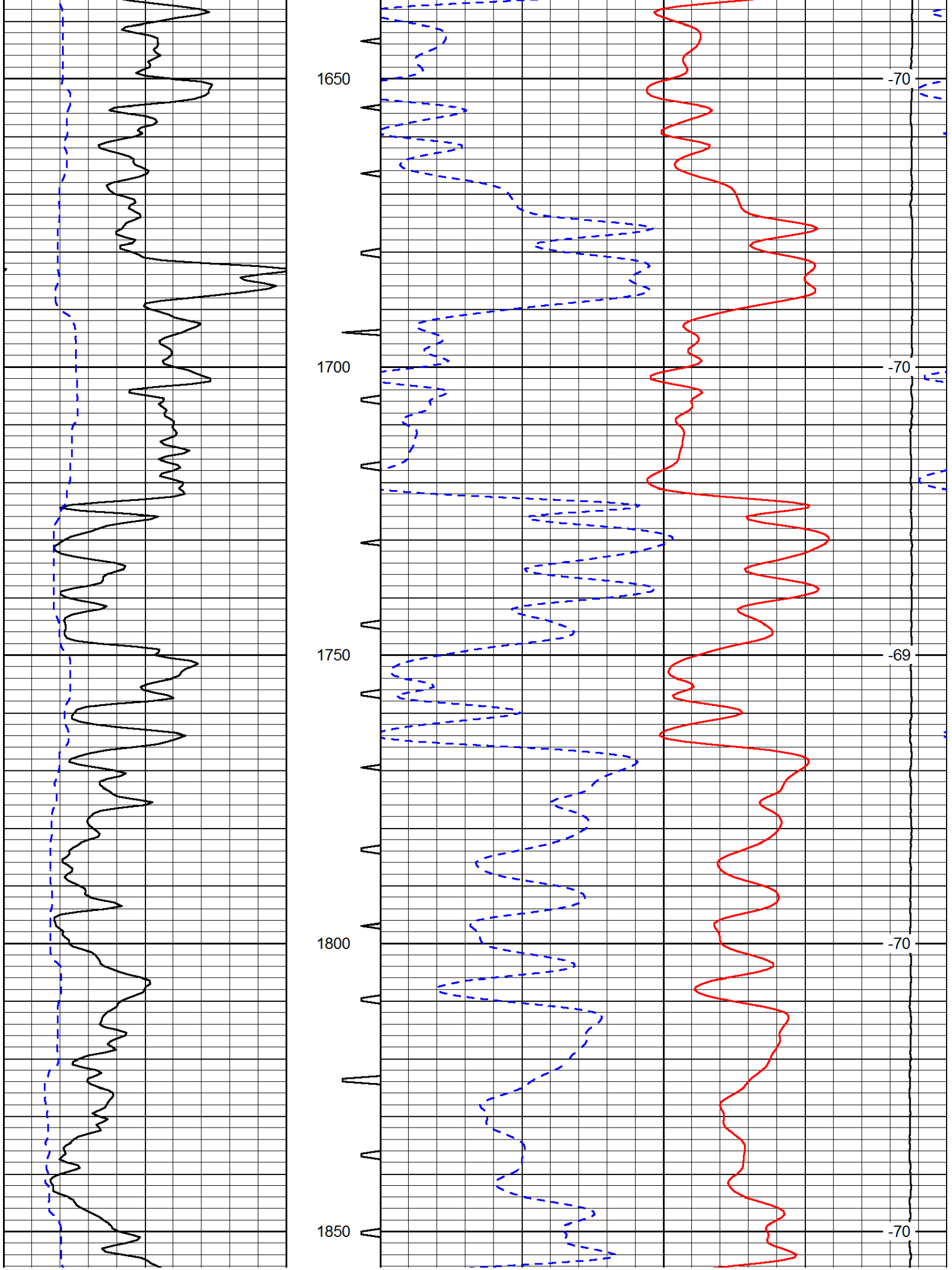

550
600
650
700
750
-75
-75
-73
-74
-74

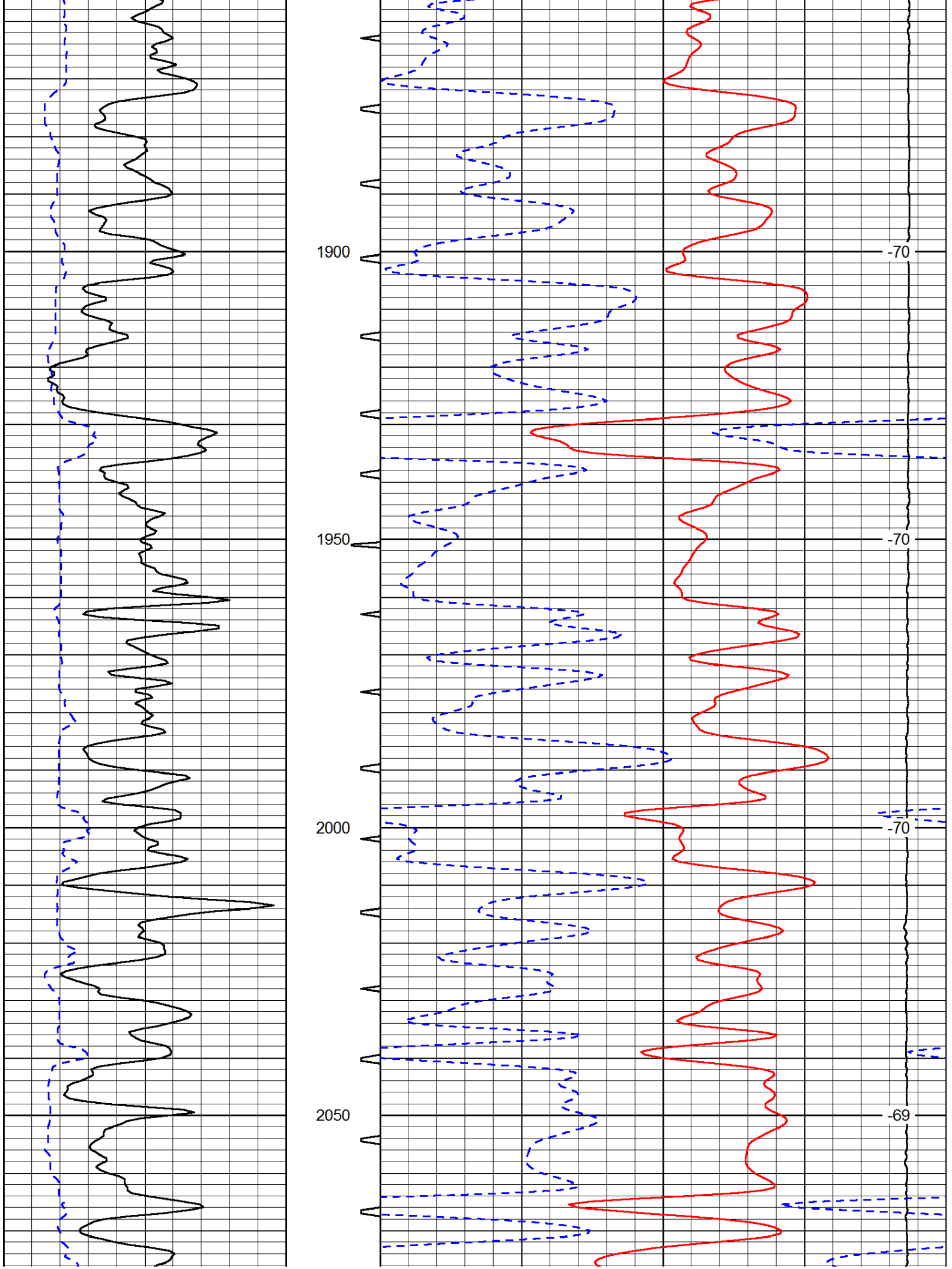

800
-73
850
-72
900
-72
950
-72

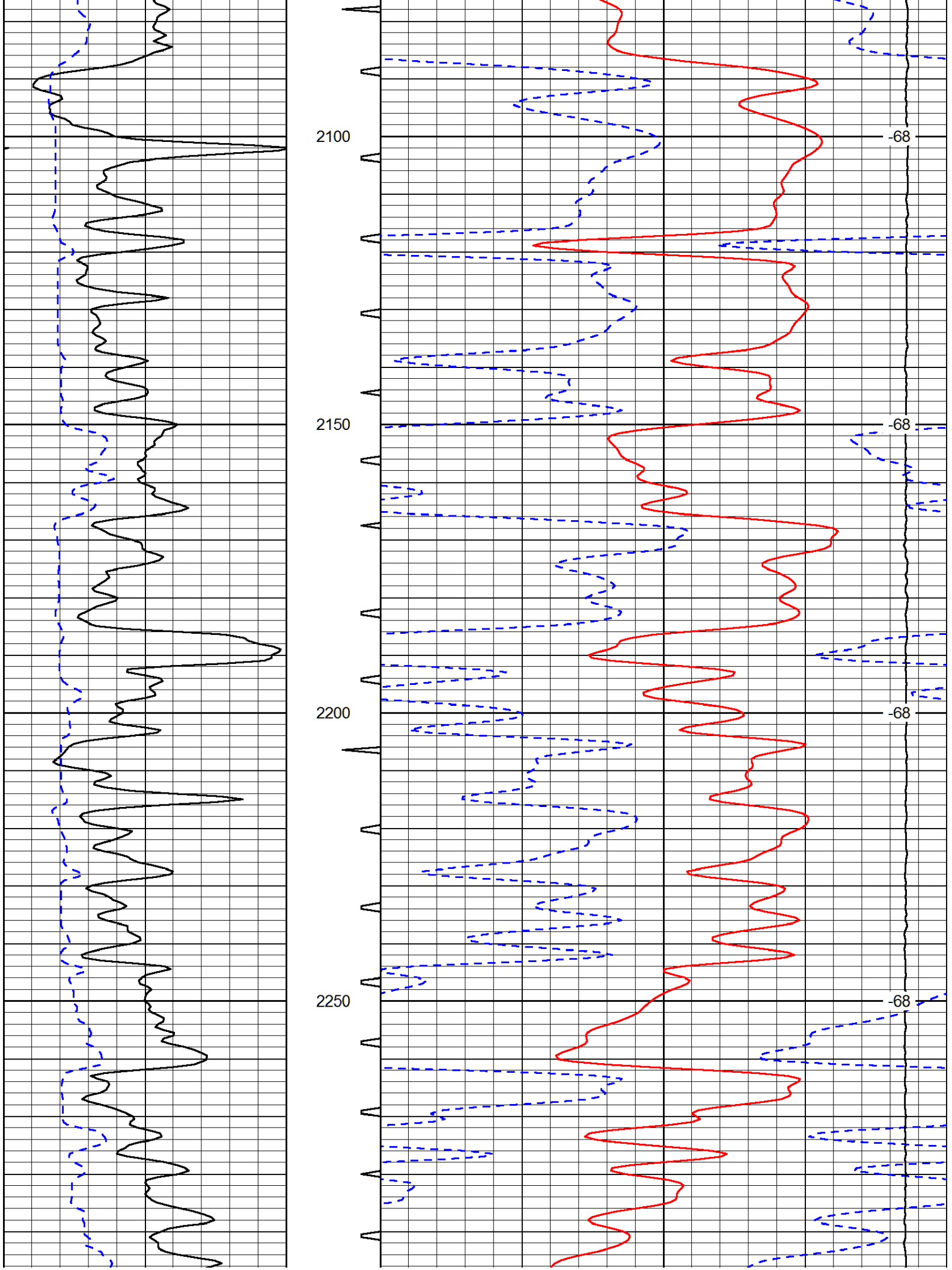

1000
1050
1100
1150
-72
-72
-72

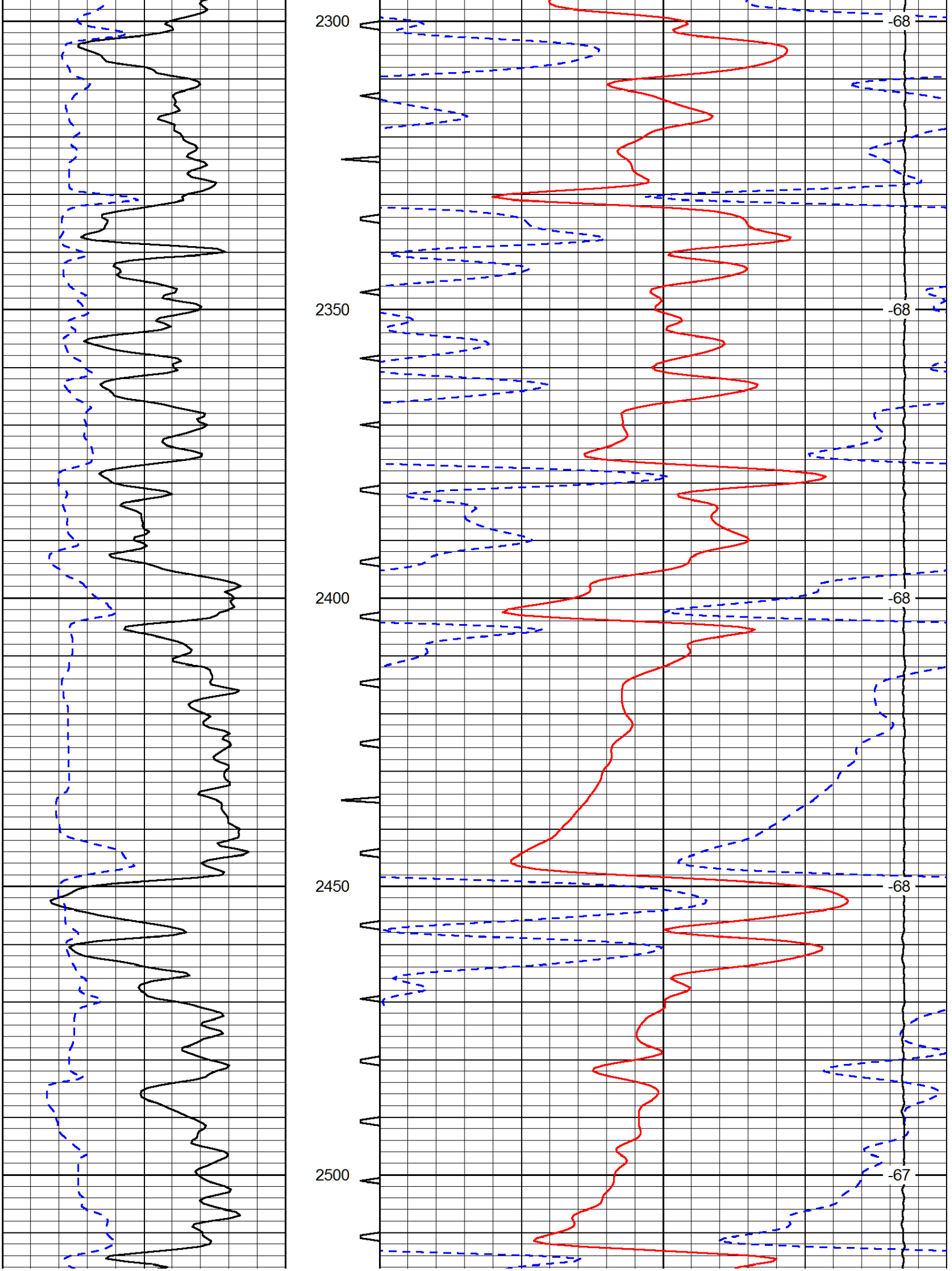

1200
1250
1300
1350
1400
-72
-72
-72
-72
-70

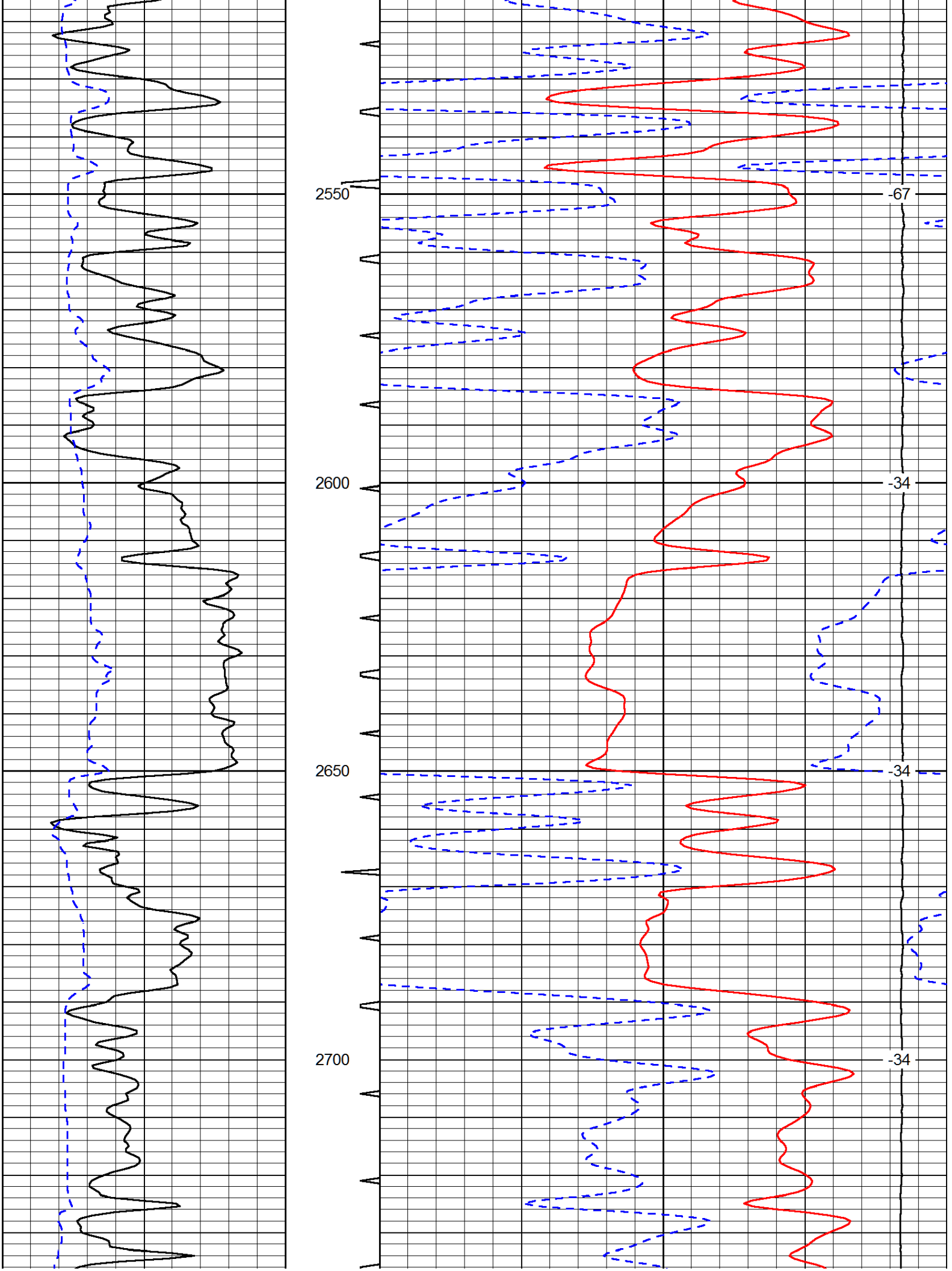

1450
-70
1500
-70
1550
-70
1600
-70

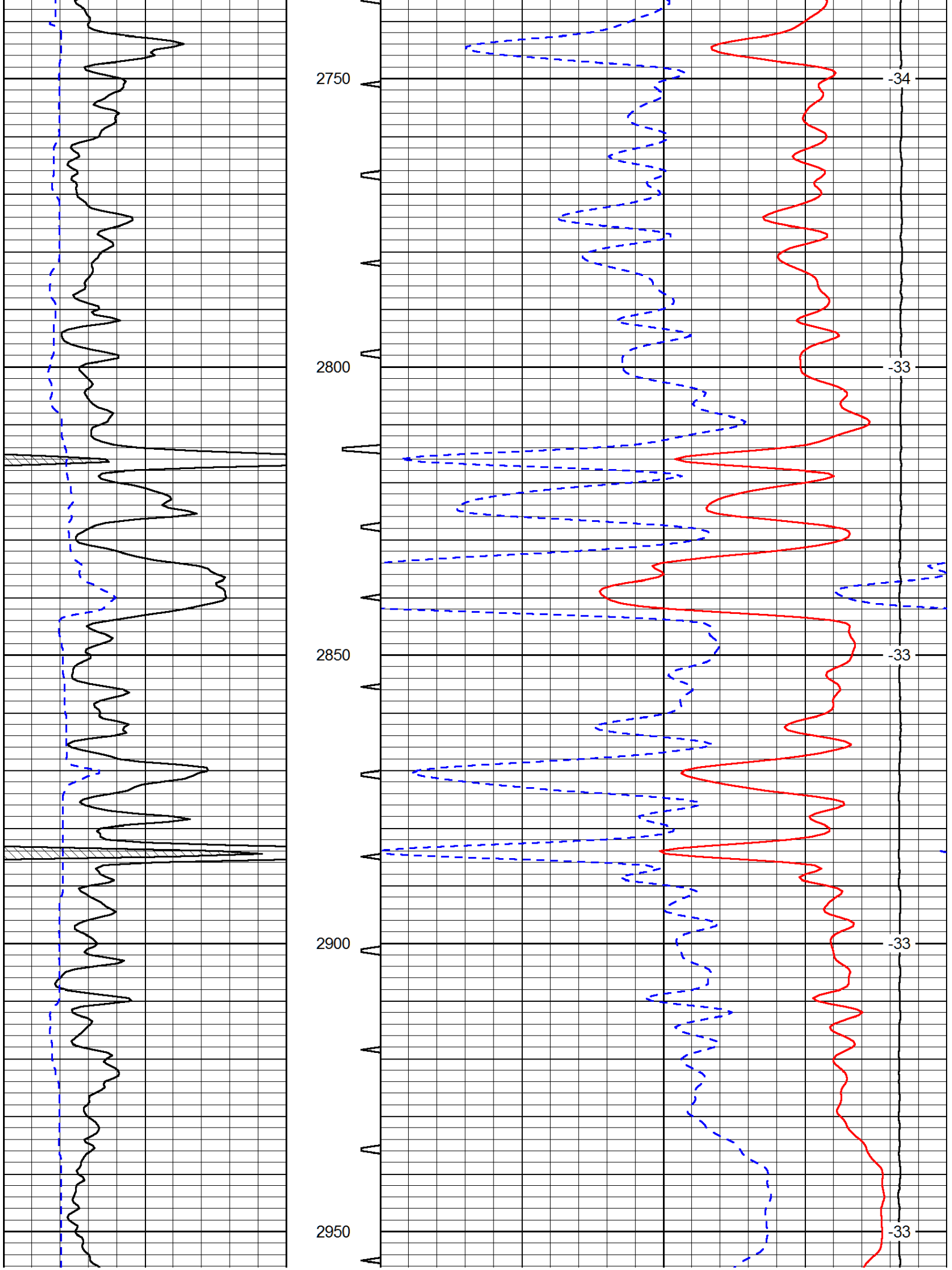

1650
1700
1750
1800
1850
-70
-70
-69
-70
-70

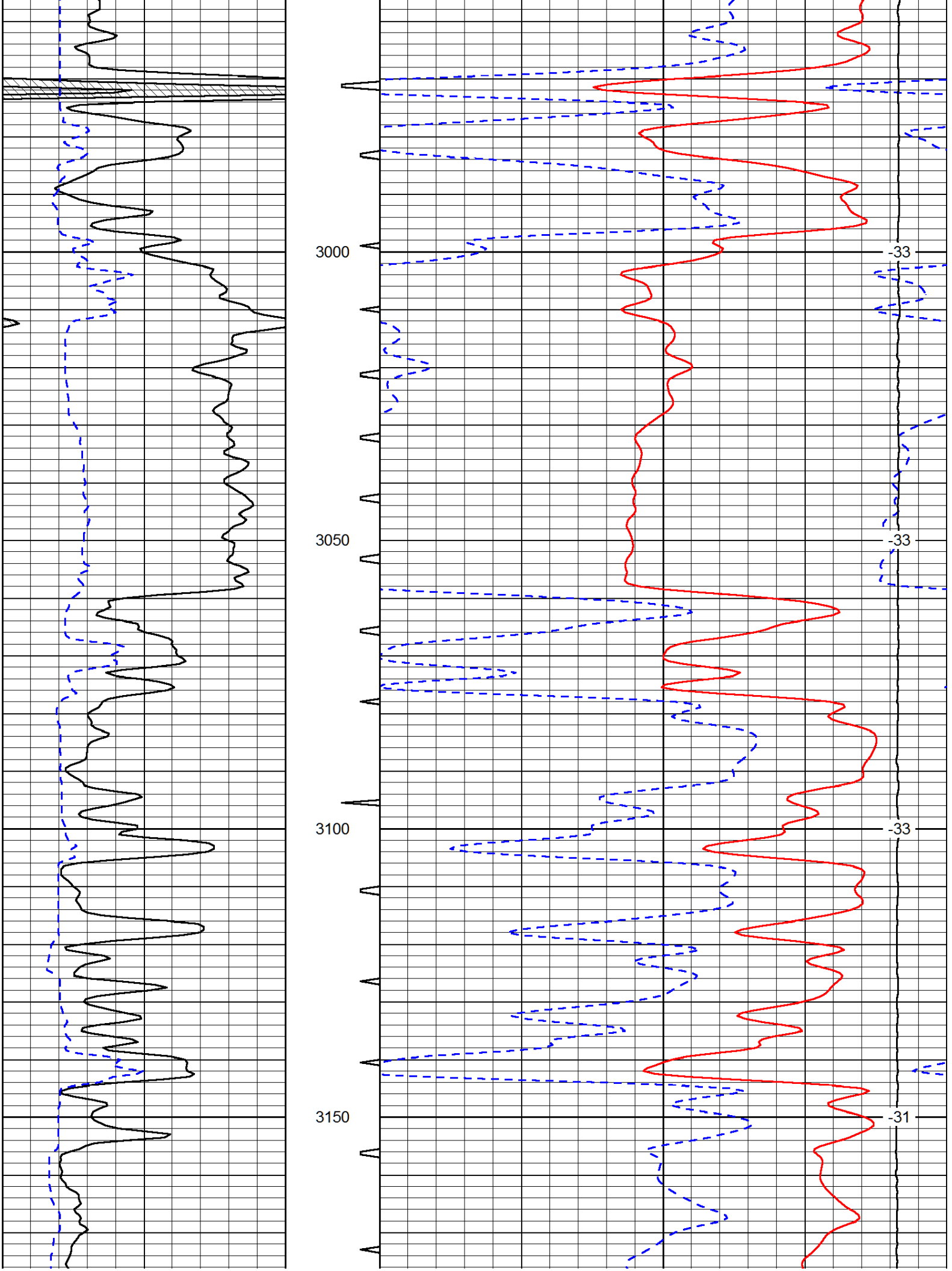

1900
1950
2000
2050
-70
-70
-70
-69

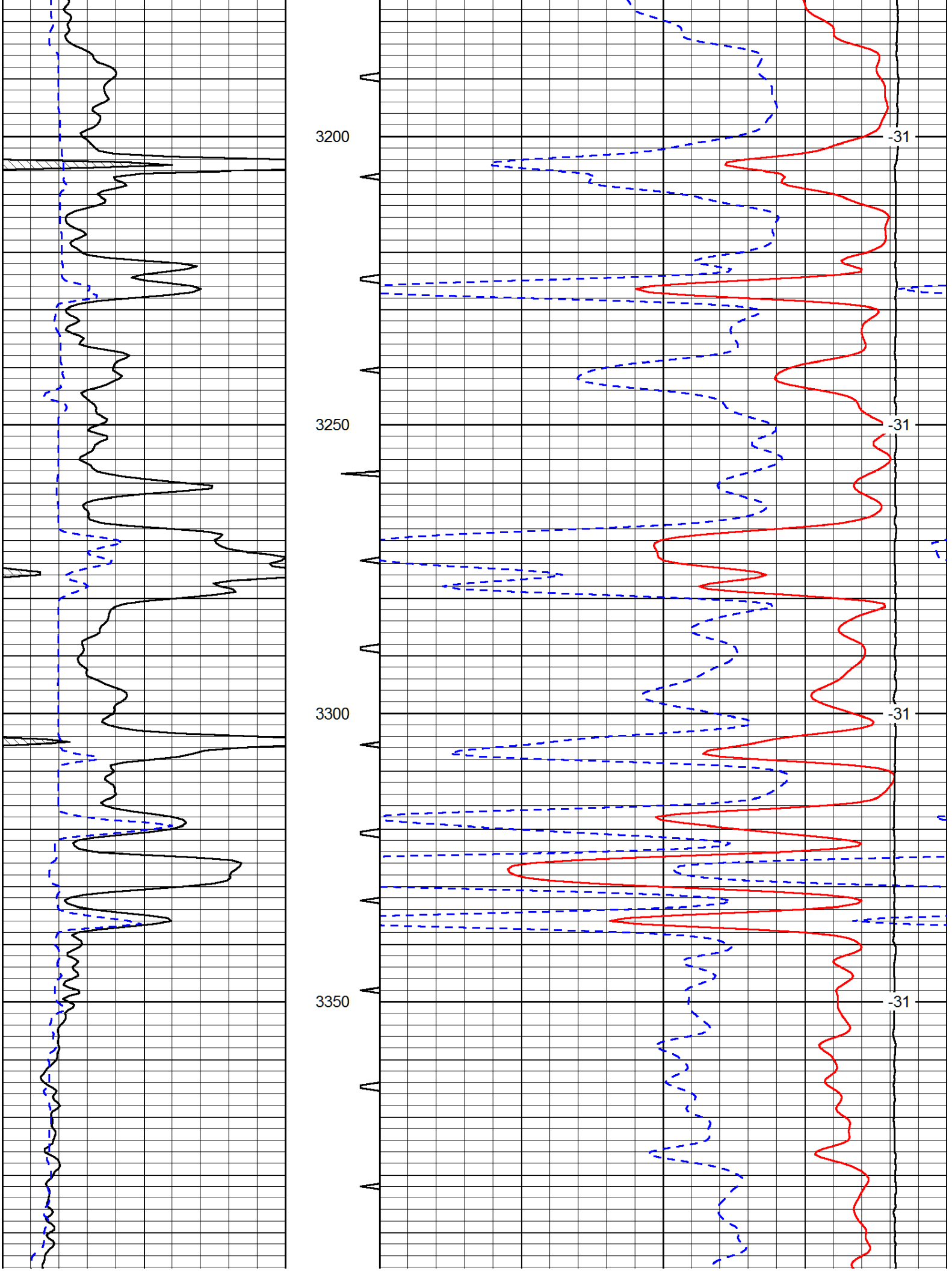

2100
-68
2150
-68
2200
-68
2250
-68

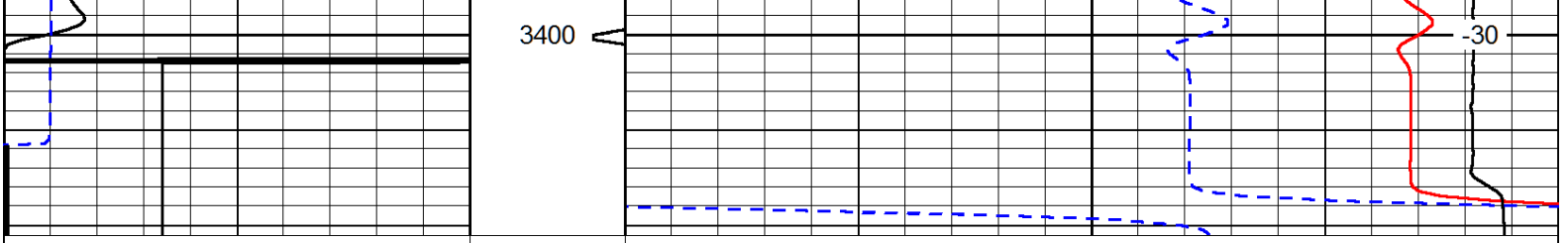

2300
-68
2350
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2500
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2550
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3200
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-31
3300
-31
3350
-31



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(ft/min)