



Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-167-23962-00-00

Company **RJM Company**

Well Grasmick #1

Field Trapp

County Russell State Kansas

220 LINE & 1230 I LL

Sec: 34 Twp: 15 S Rge: 13 W

Ground Level	Elevation 1862
Kelly Bushing	
Kelly Bushing	8 Ft. Above Perm. Datum

Elevation

K.B. 18/0

04-22-2014	
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Iwo	
BHC Sonic	

	3320
	3320

Interval	200
Interval	350

CL	9000
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Full	
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me	4 1/2 Hours
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	Y. Ruiz
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Corehole Record	
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00	389
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1000

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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.

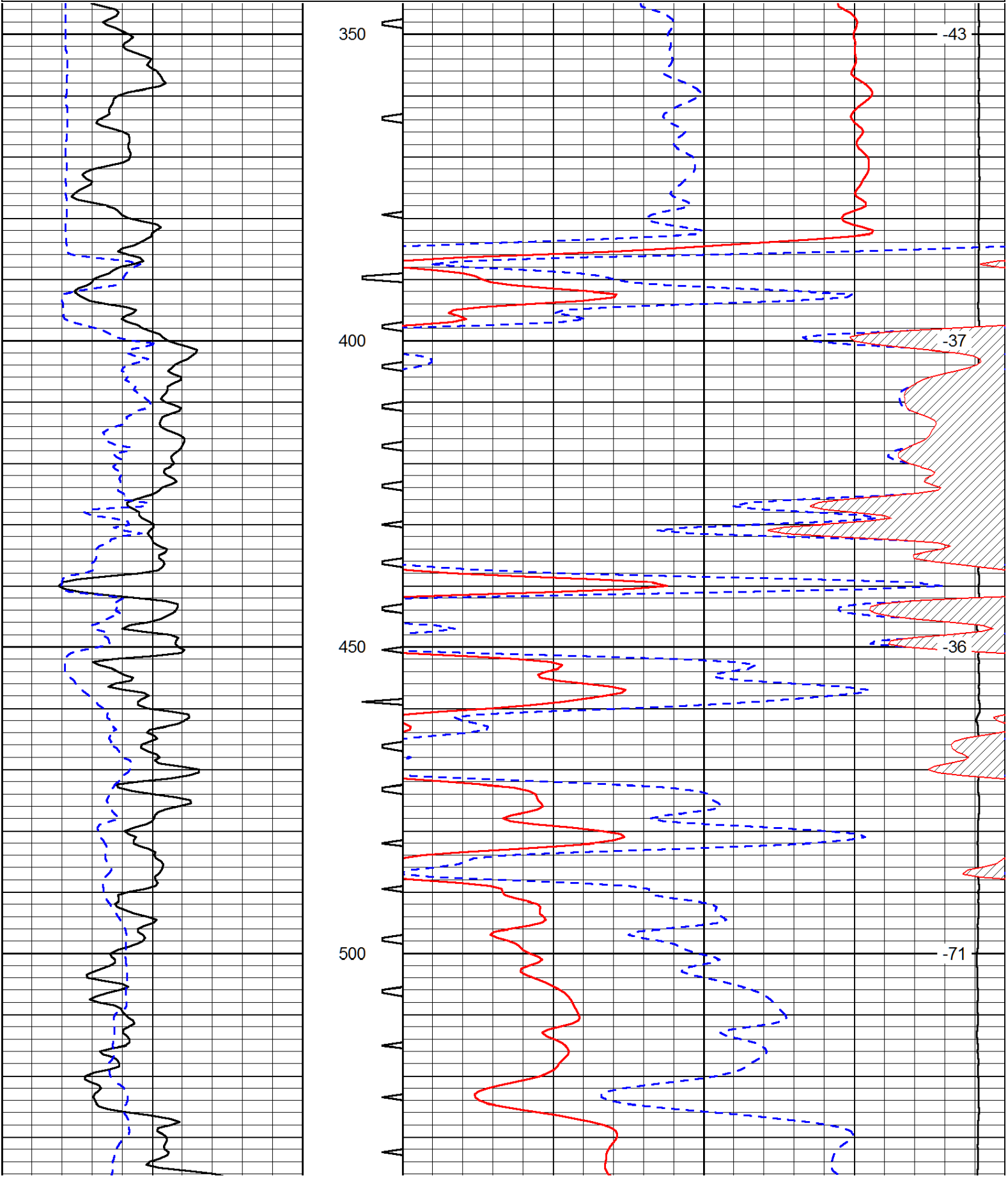
Comments

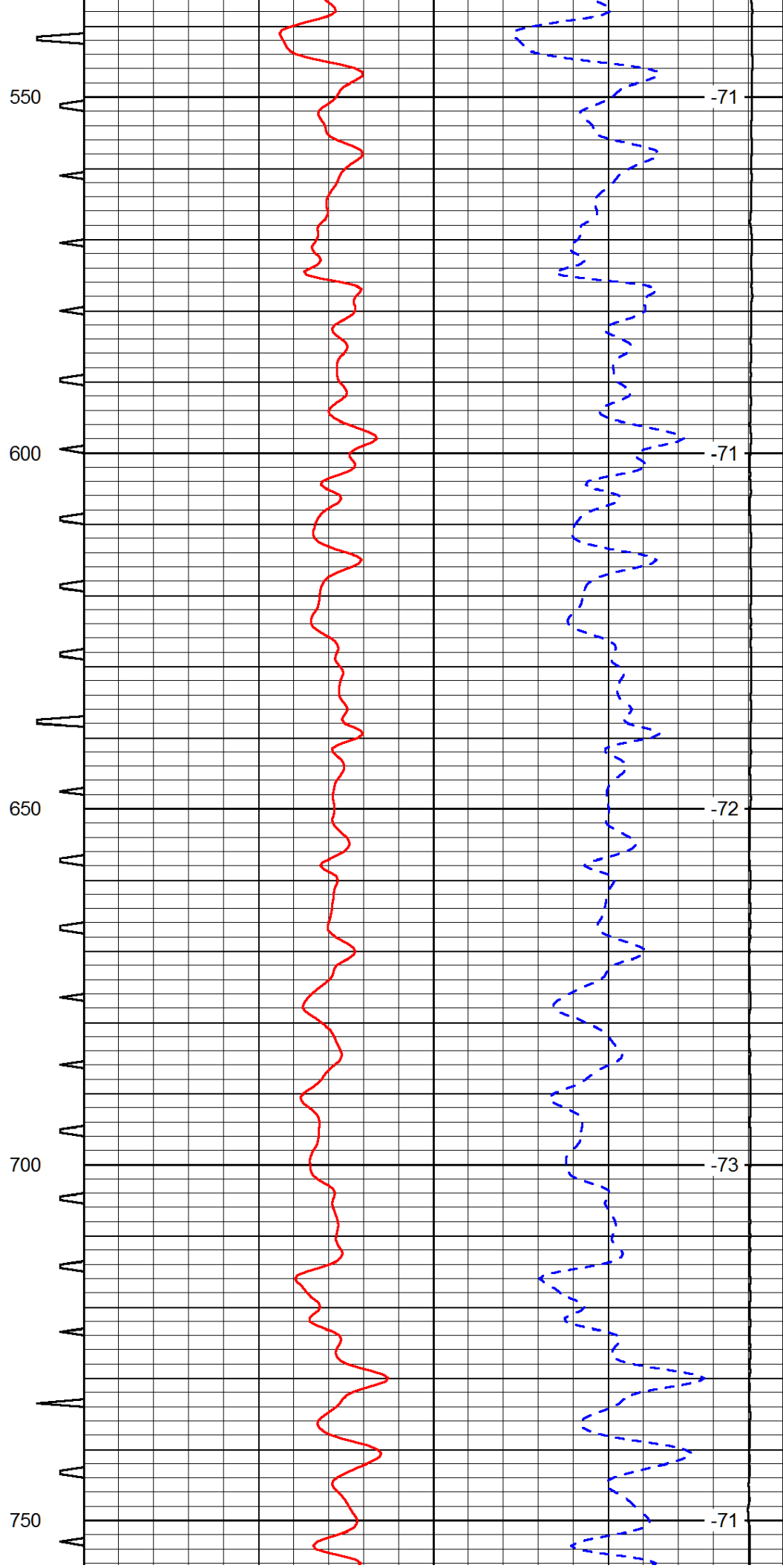
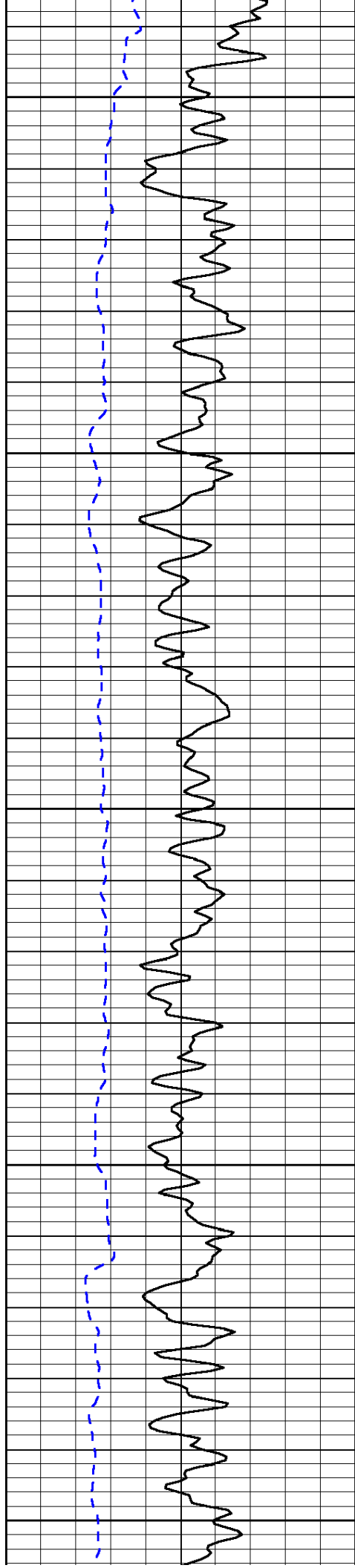
Thank you for using Log-Tech, Inc.
(785) 625-3858

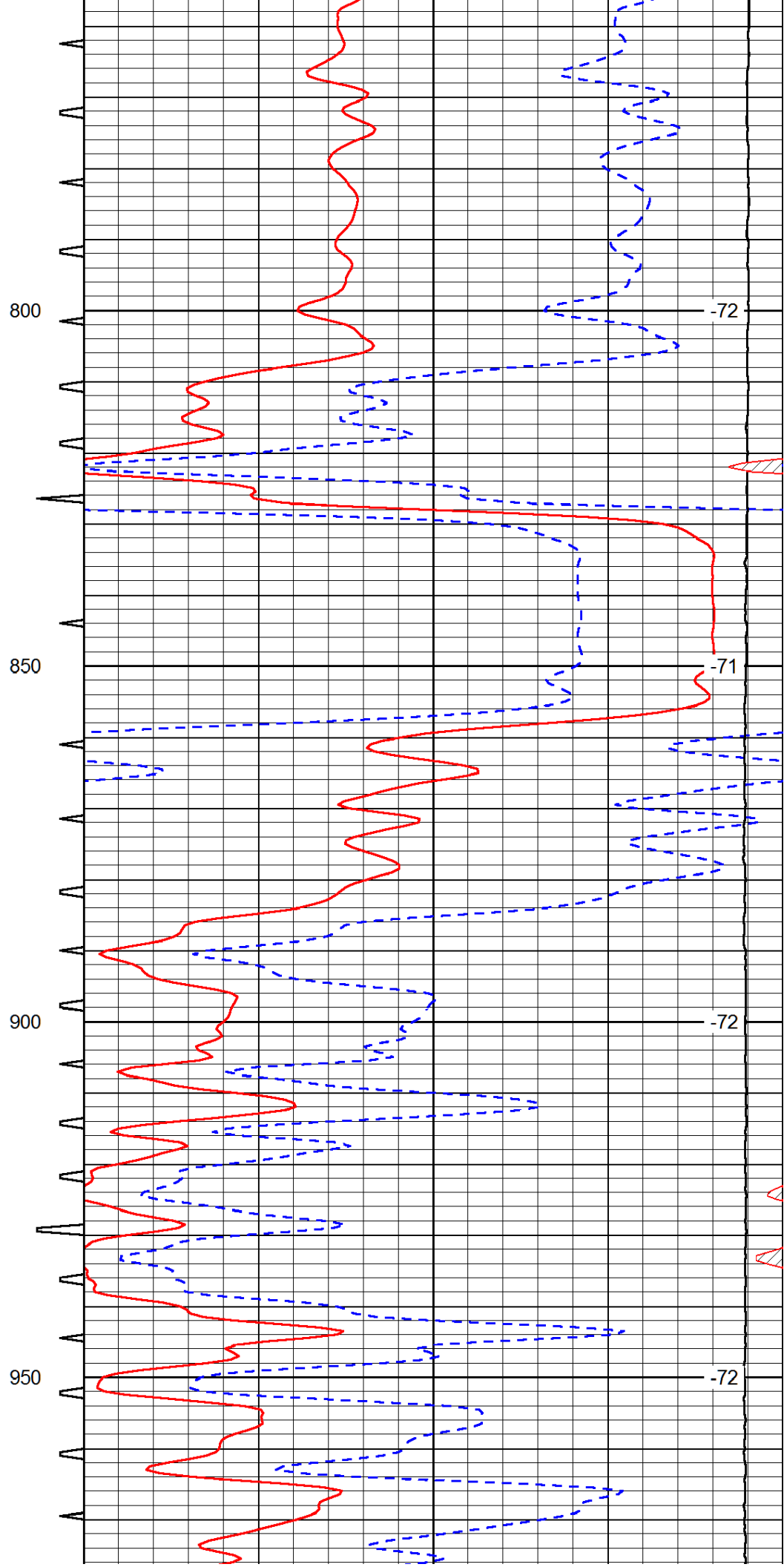
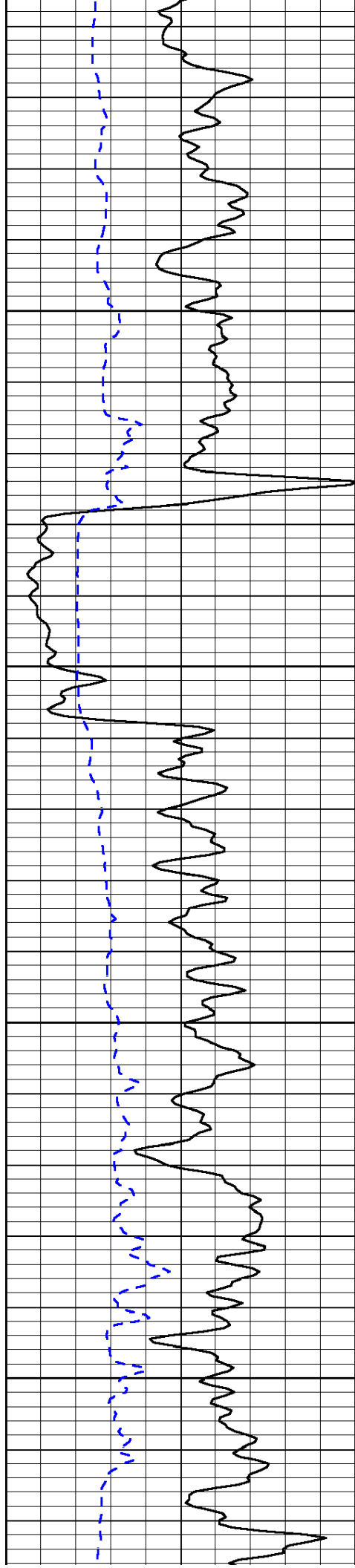
Susank,
North to 230 Rd, 1/2 East, 1 North, 3/4 East,
South into

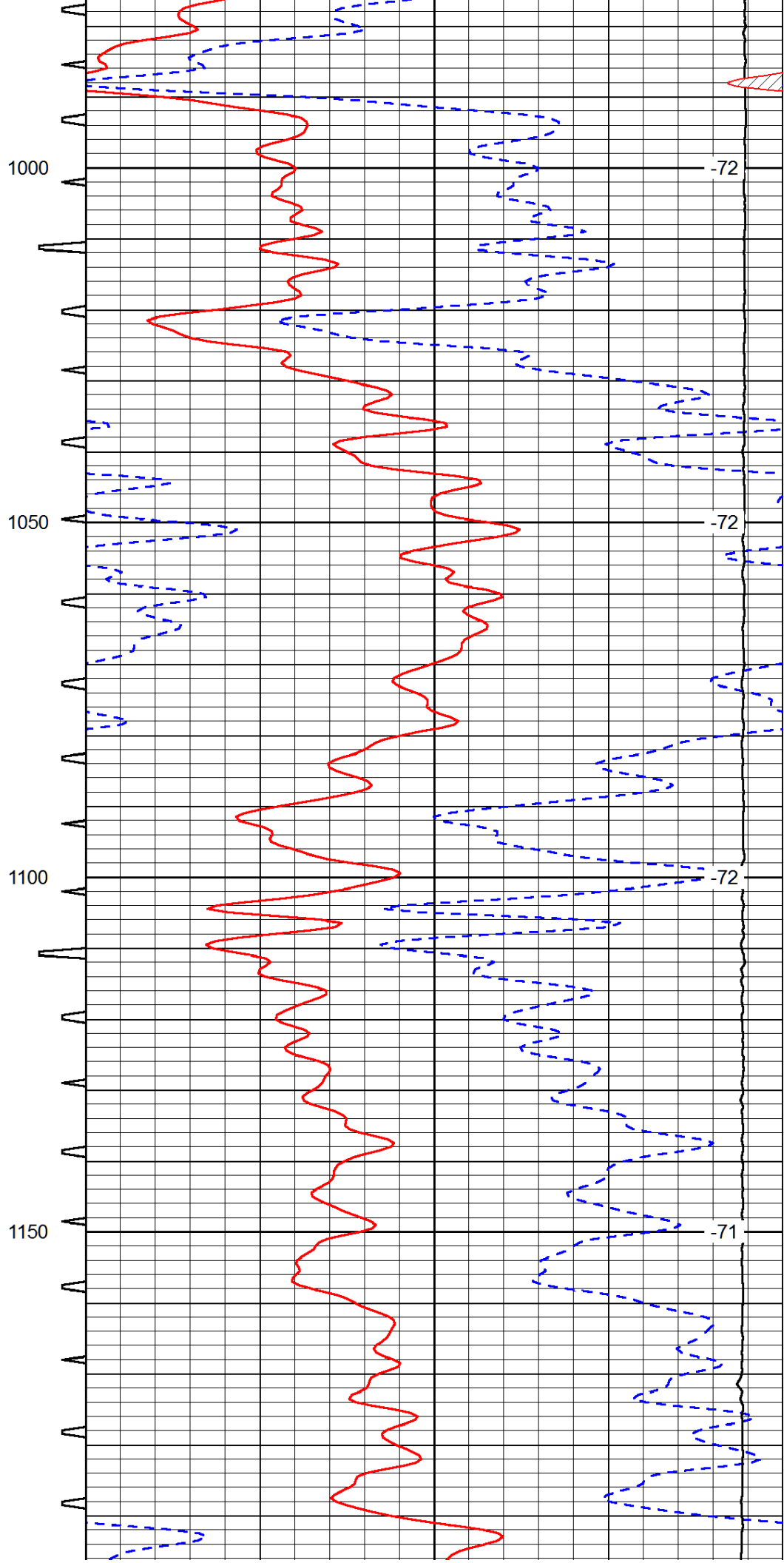
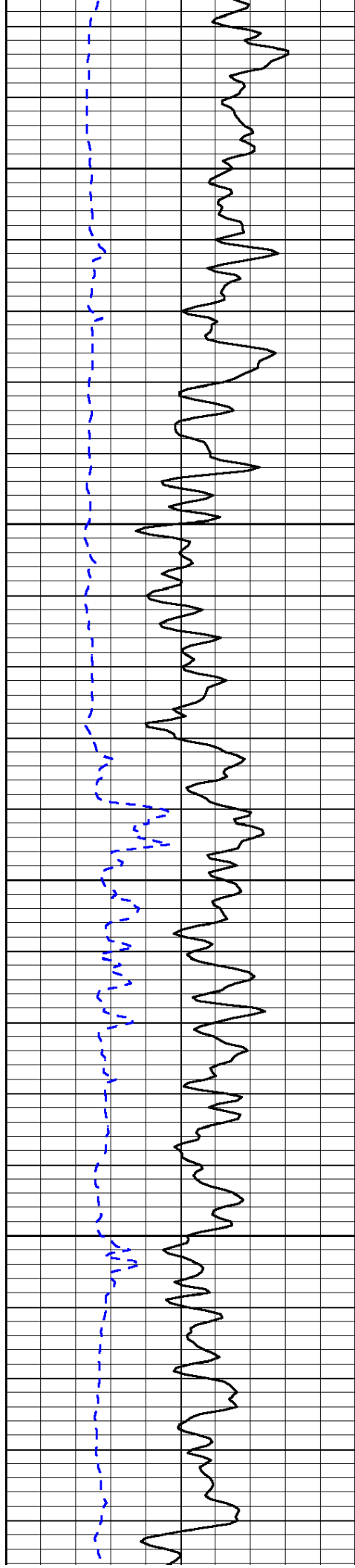
Database File: rjm_042214hd.db
Dataset Pathname: DIL/rjmstk
Presentation Format: sonic
Dataset Creation: Tue Apr 22 23:56:10 2014
Charted by: Depth in Feet scaled 1:240

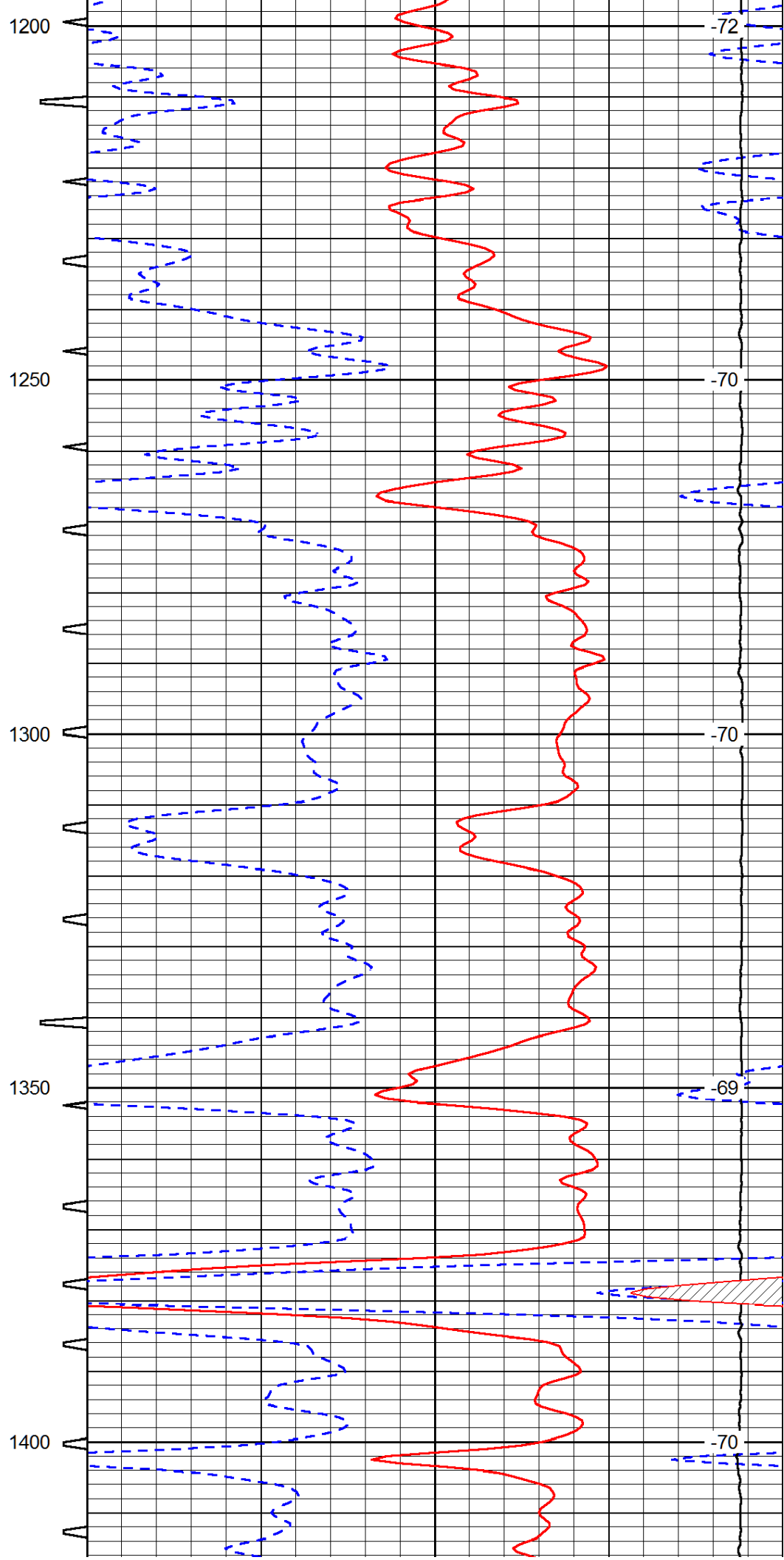
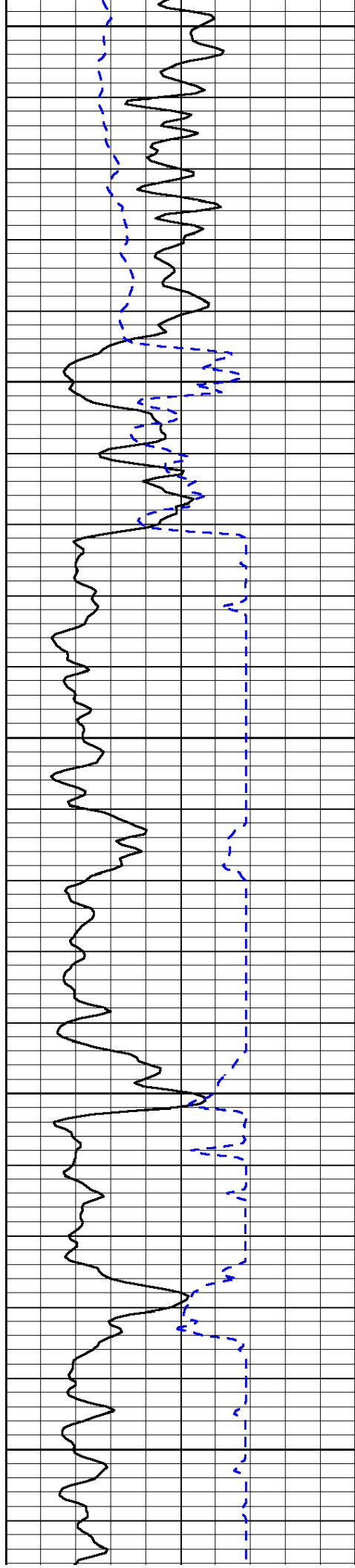
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

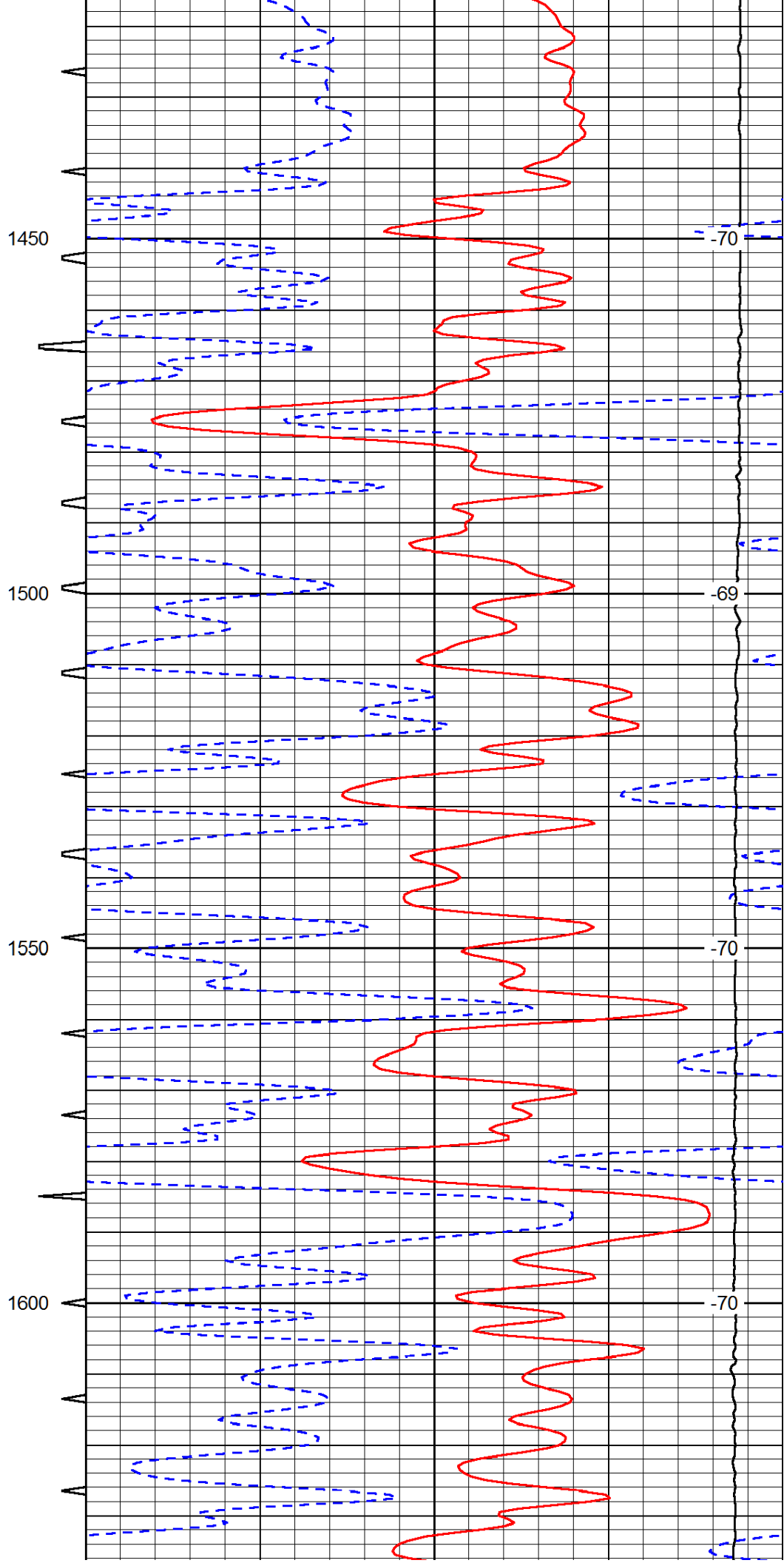
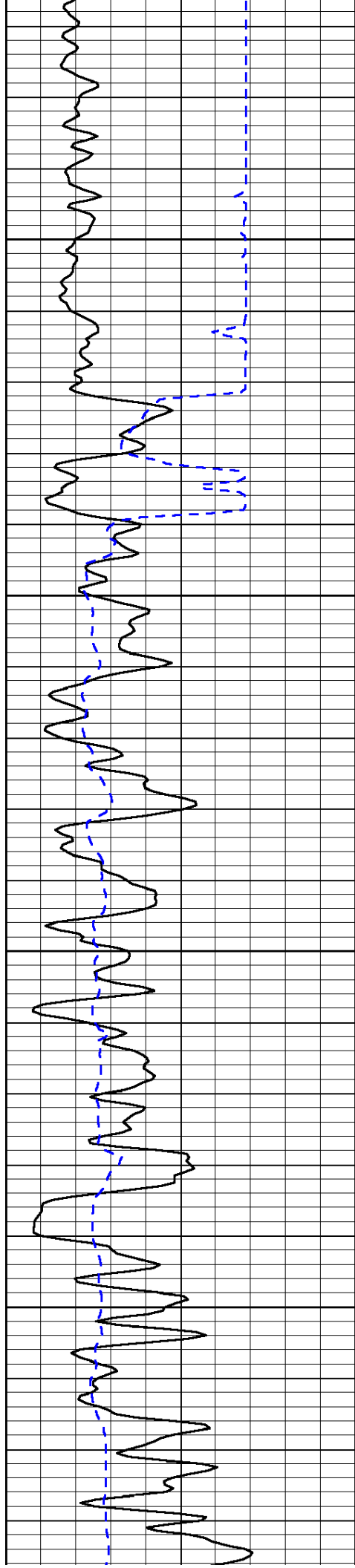


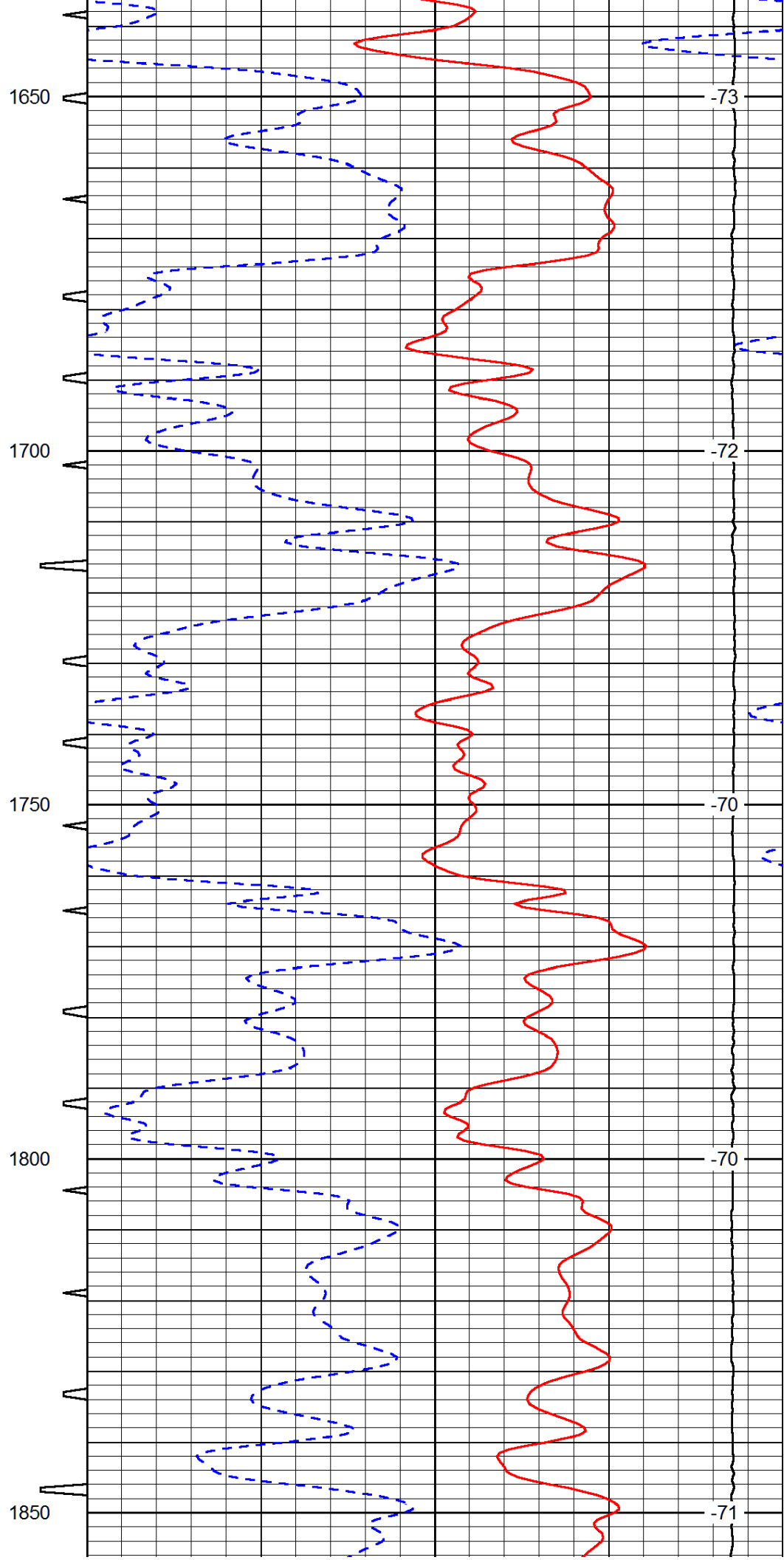
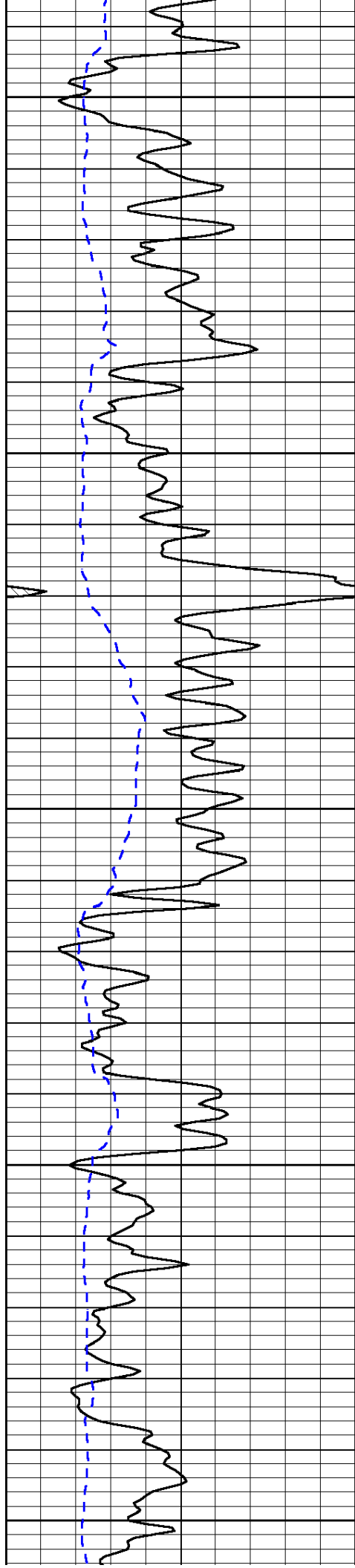


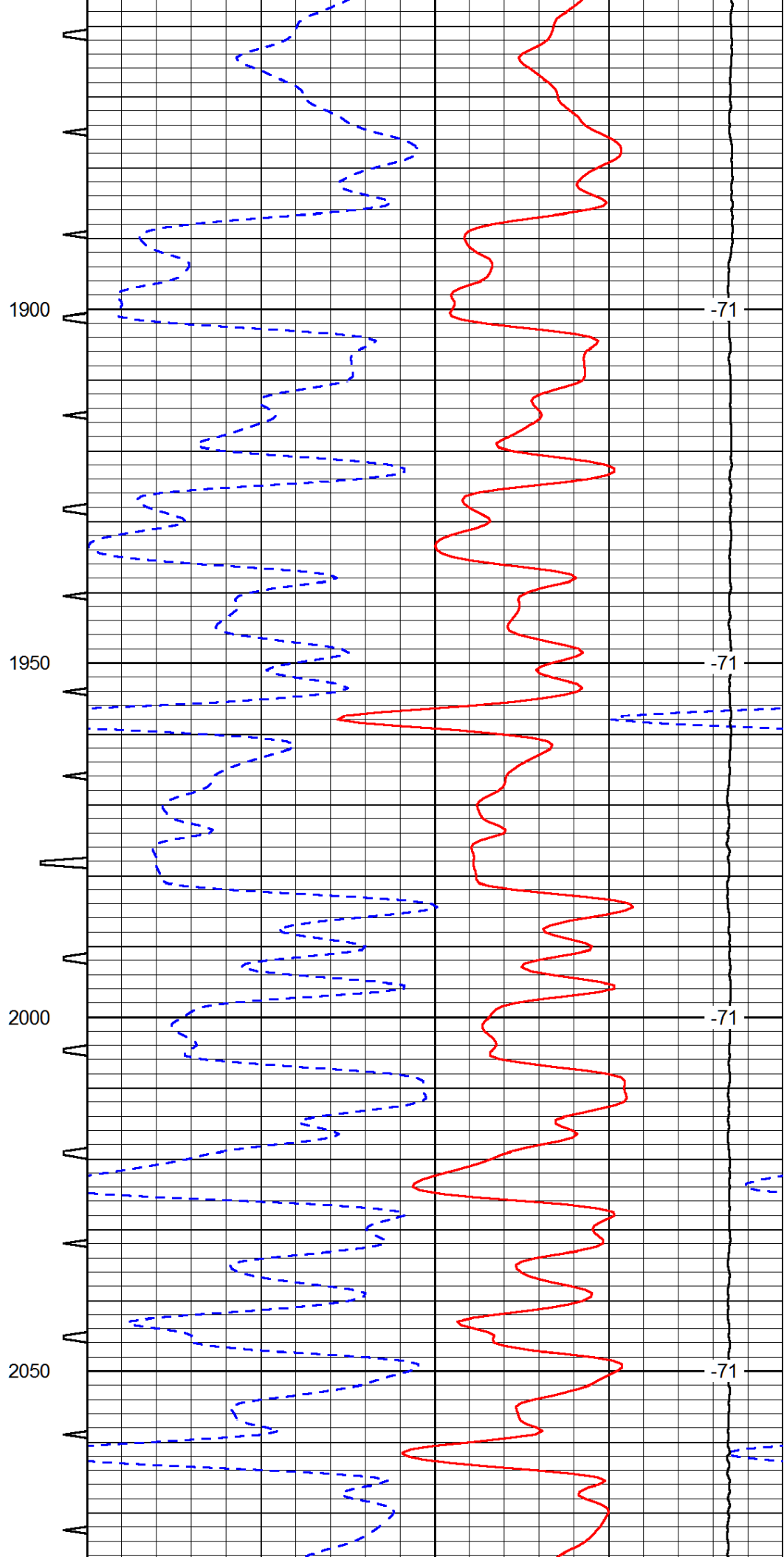
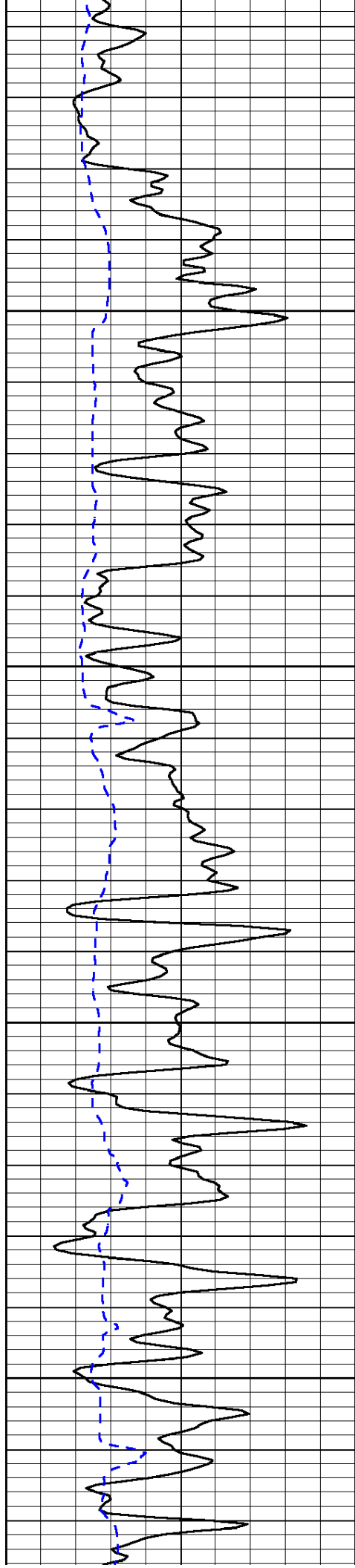


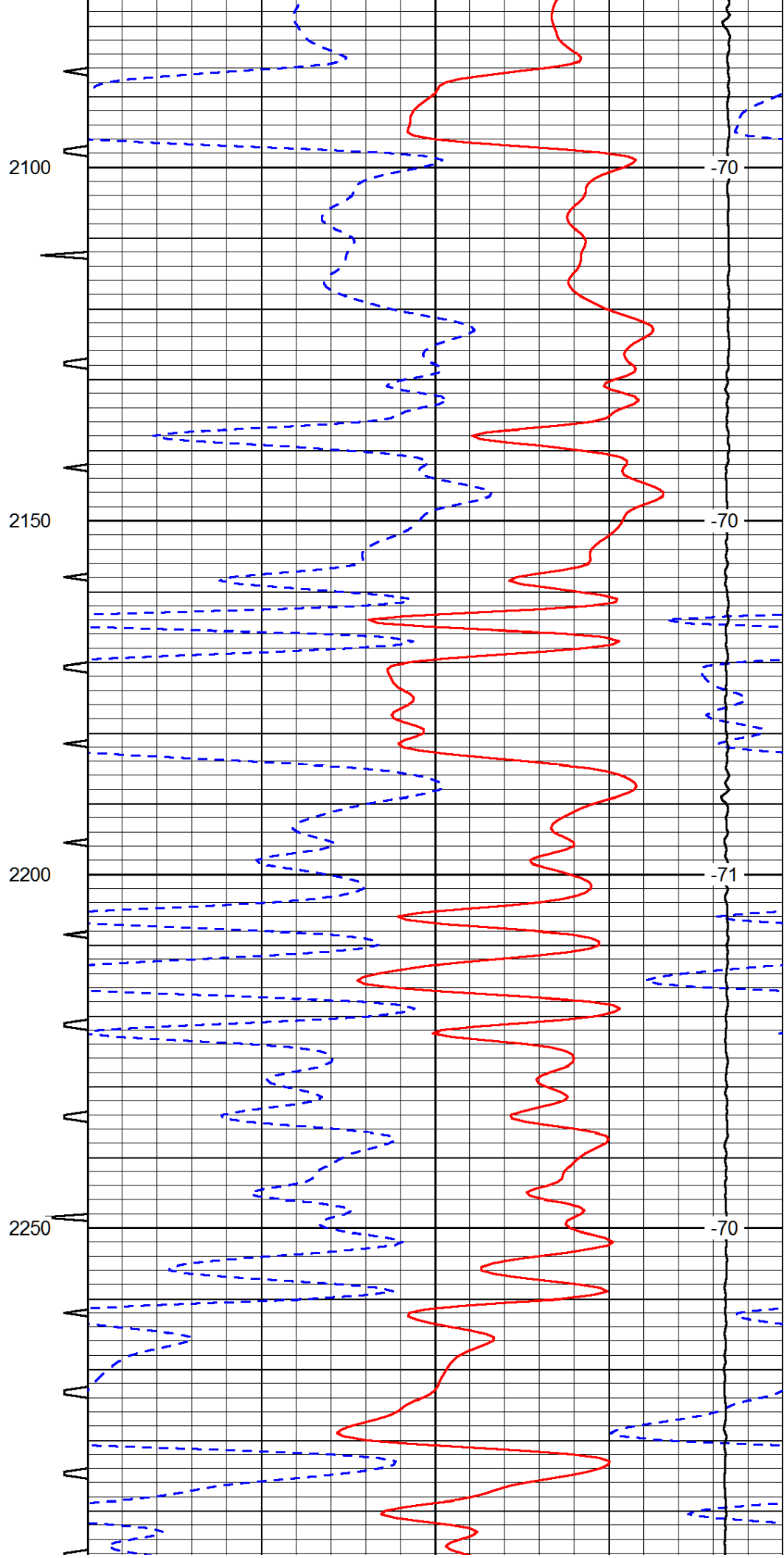
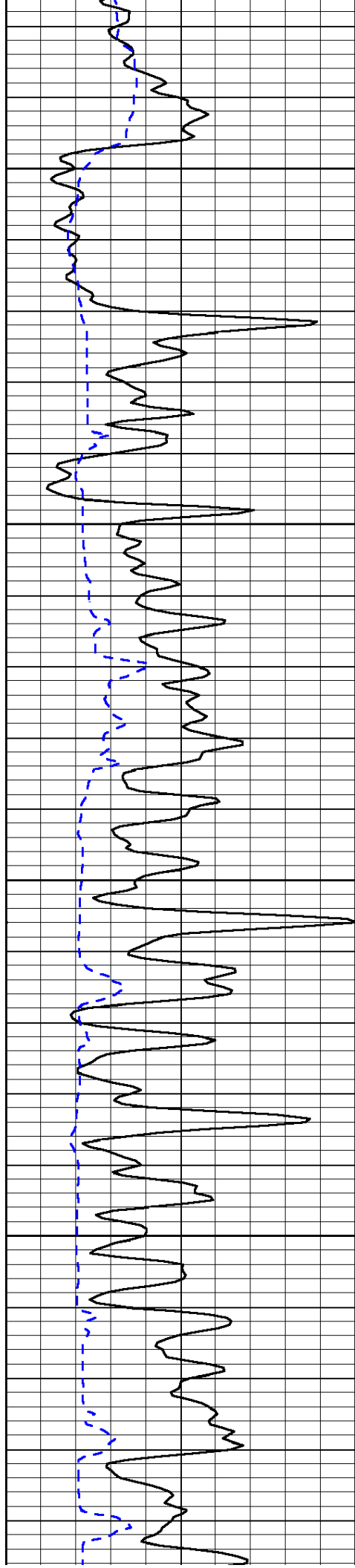


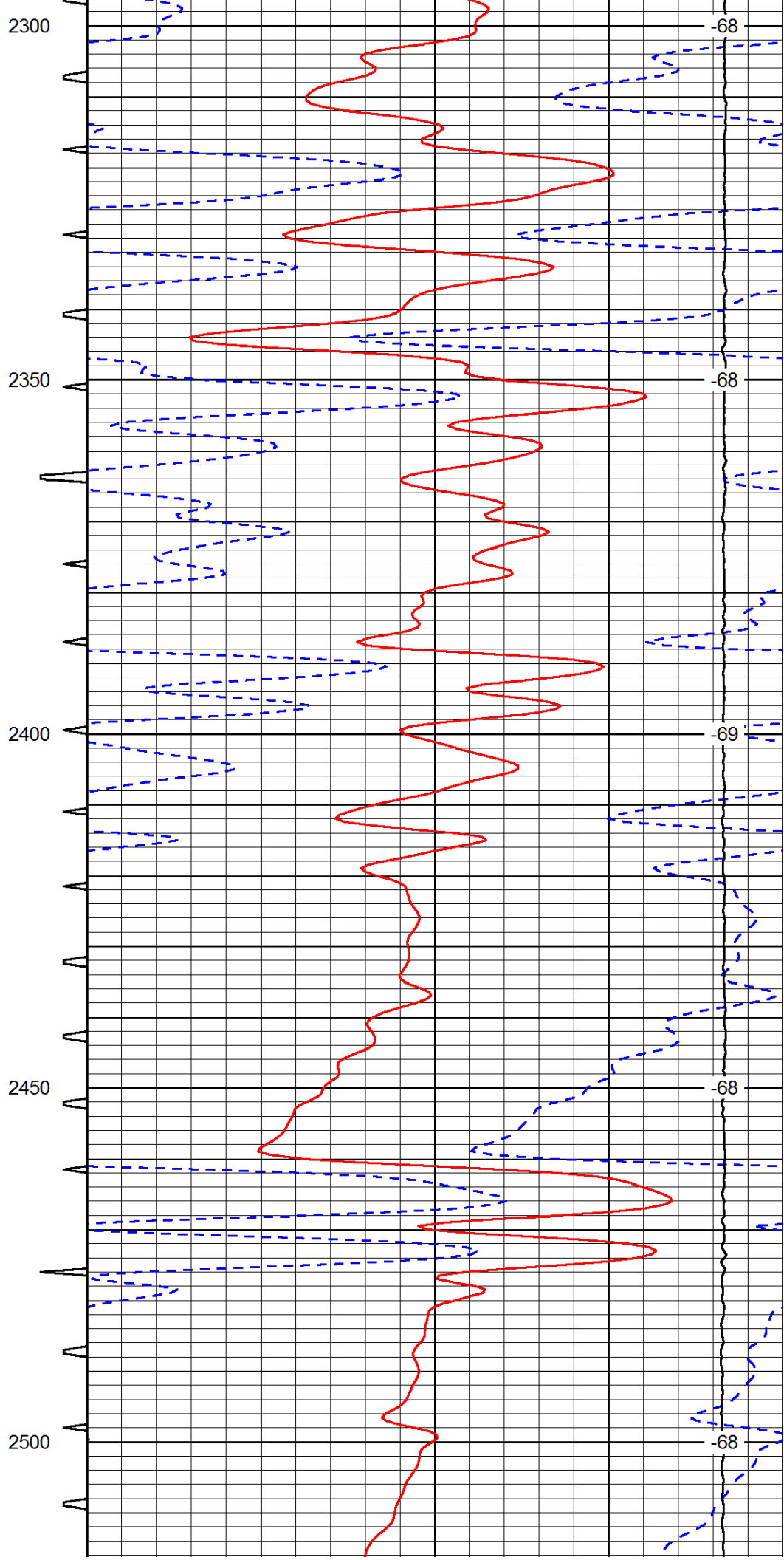
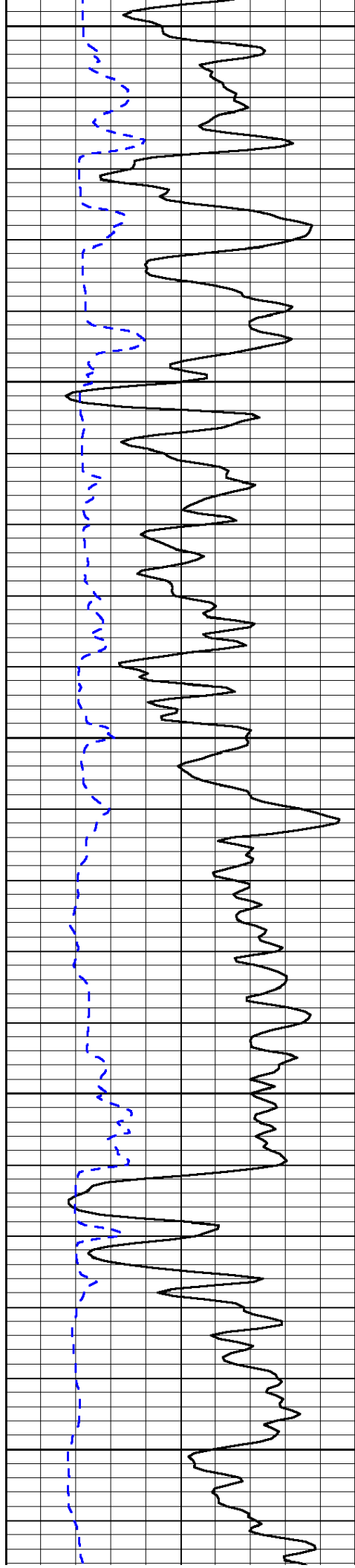


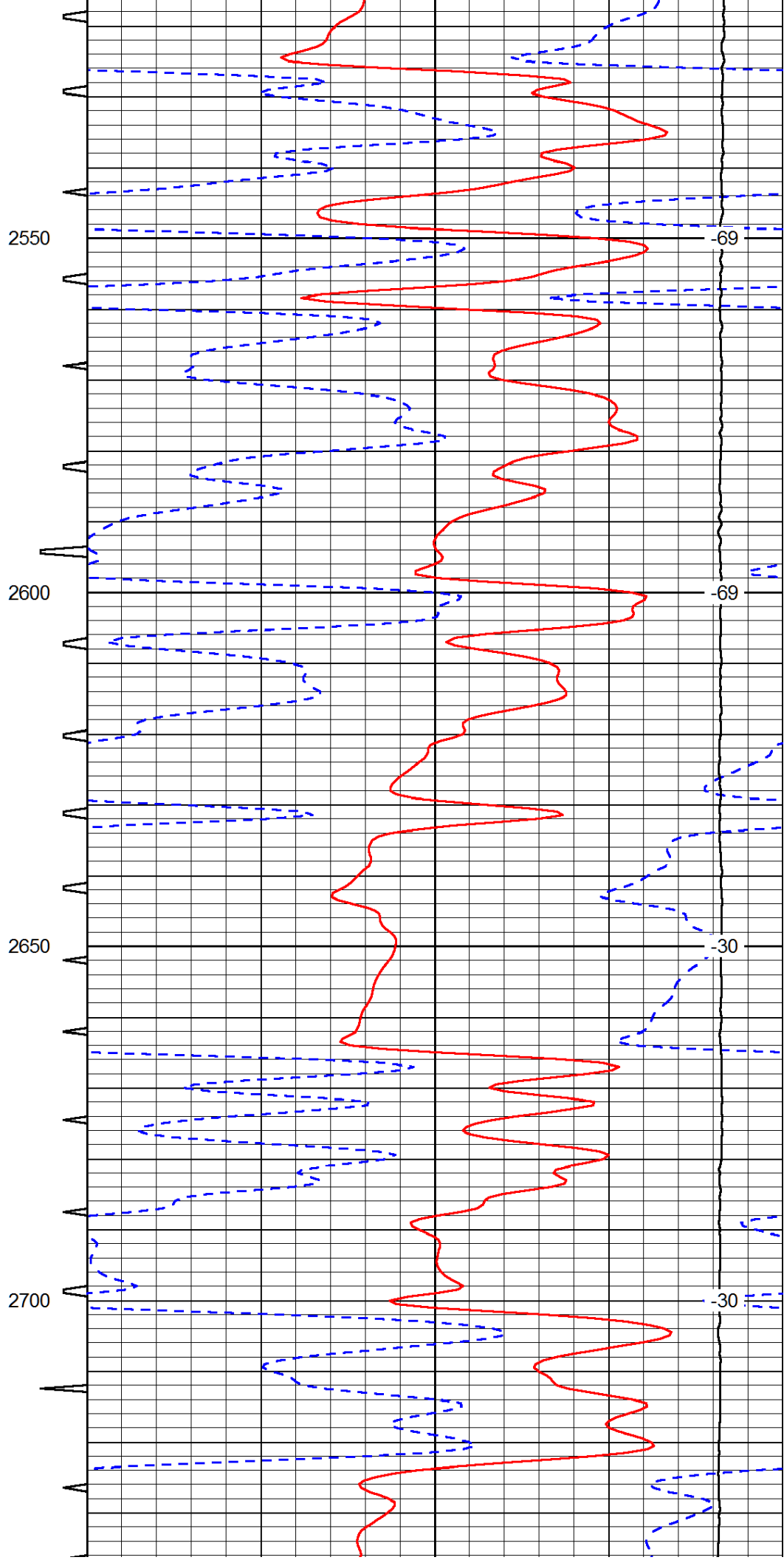
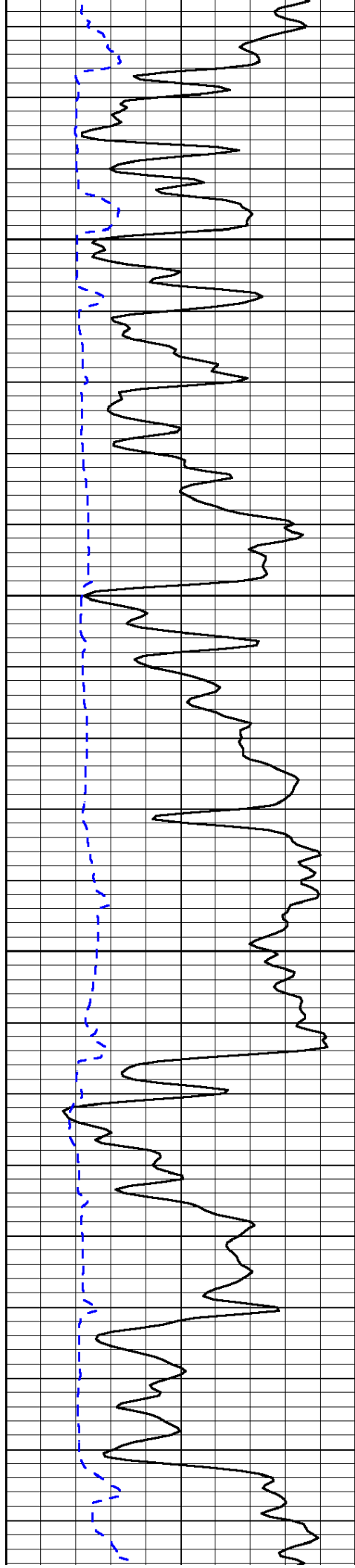


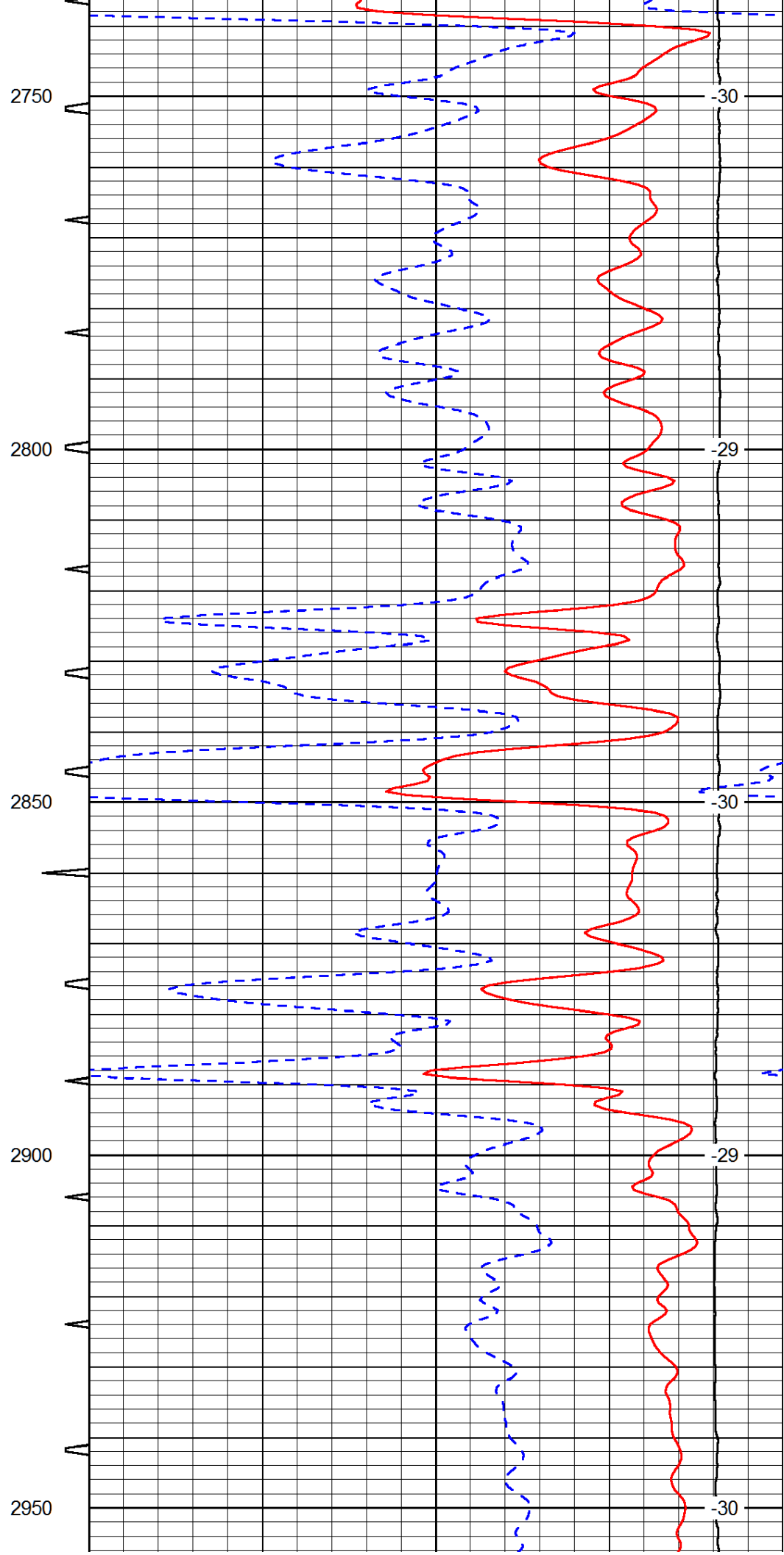
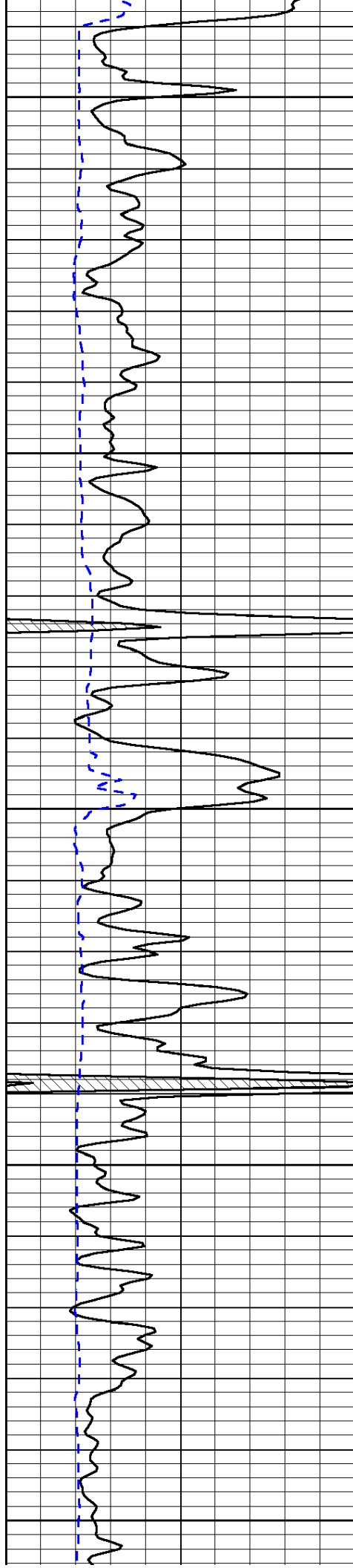


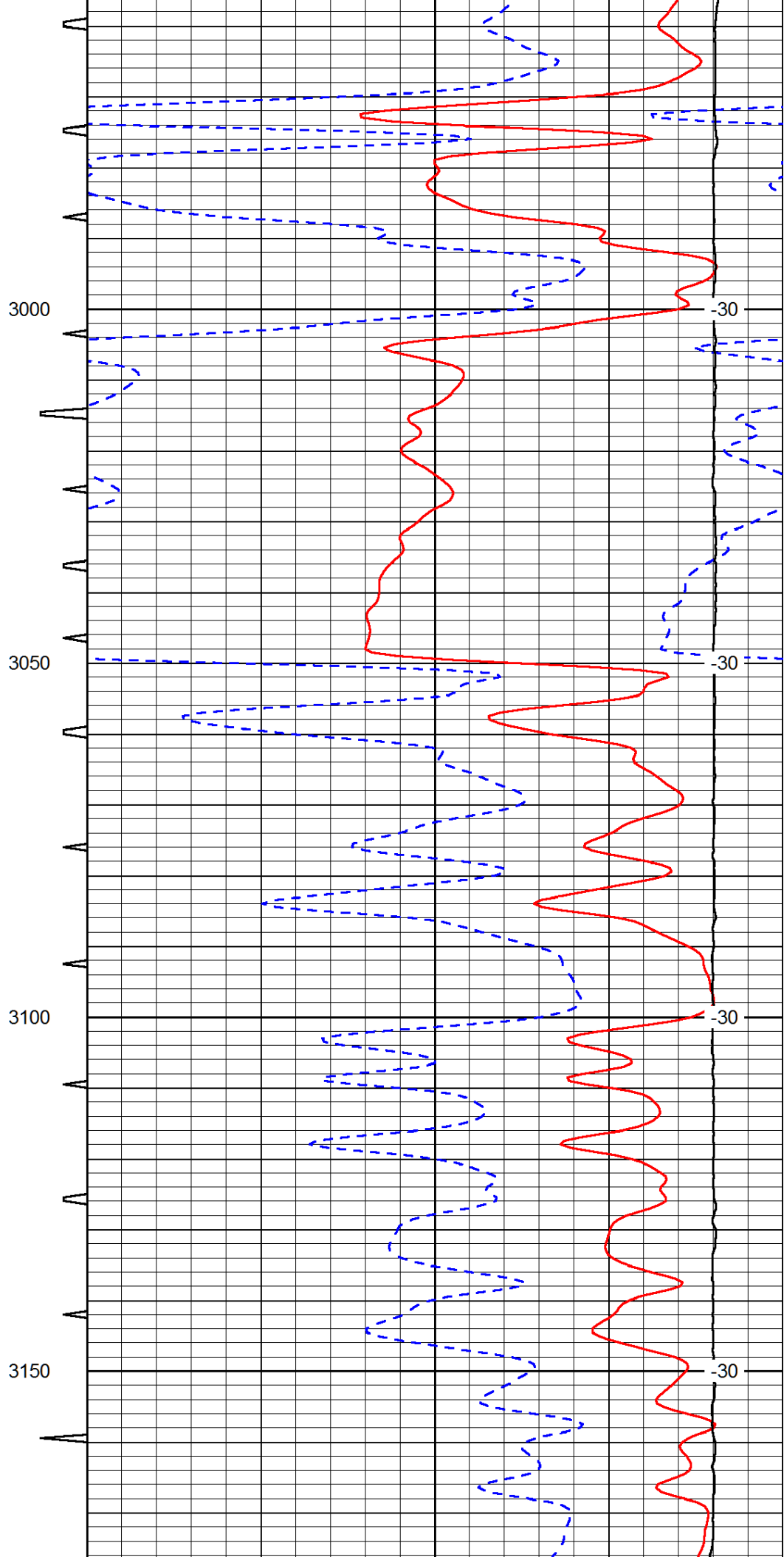
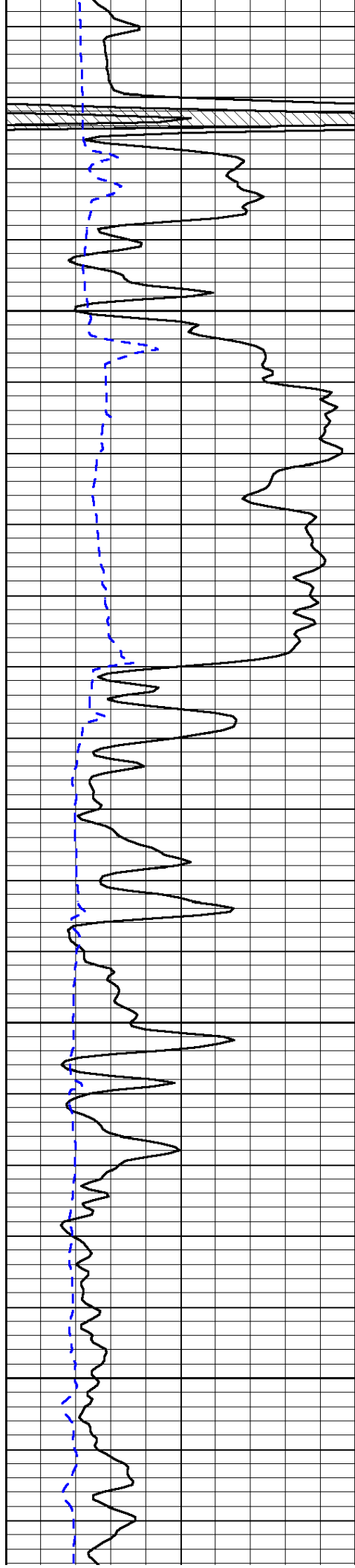


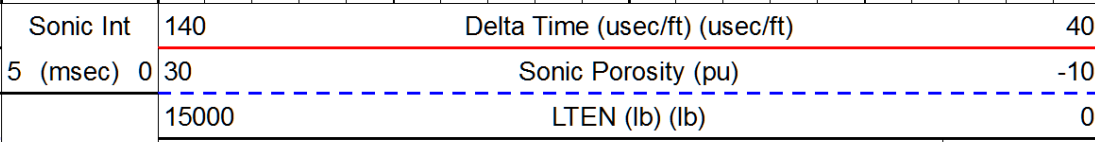
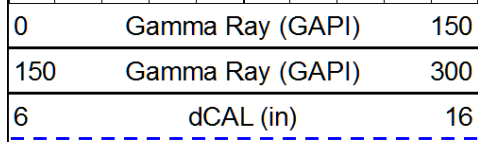










LSPD
(ft/min)