



Pioneer Energy Services

Computer Processed Interpretation

API No.	15-035-00,192-00-01		
Company	Val Energy, Inc.		
Well	Boucher 'V' #1-9 OWWO		
Field	Unknown		
County	Cowley	State	Kansas
Location	NE-NW-SE 2310' FSL & 3630' FWL		Other Services DIL/CNL/CDL MEL
Sec: 9	Twp: 32S	Rge: 6E	Elevation
Permanent Datum	Ground Level	Elevation 1313	K.B. 1323
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	D.F. 1313
Drilling Measured From	Kelly Bushing		G.L. 1313
Date Recorded	9/20/2014		
Depth Logger	3422		
	Curve Definitions		
SW	Water Saturation		
SXO	Water Saturation In The Flushed Zone		
VCL	Volume Of Clay		
PHIE	Density - Neutron Crossplot Shale Corrected		
BWV	Bulk Volume Water		
BVWSXO	Bulk Volume Water In Flushed Zone		
DCAL	Caliper		
SPC	SP Corrected For Baseline		
DGA	Apparent Grain Density		
Payflag	If: PHIE> 2 %, VCL< 40 %, SPC> -10 , SW< 50 % & DCAL< 11		
Recorded By	J. Henrickson		
Witnessed By	Joe Baker		
Analysis By	Dale Legleiter		

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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

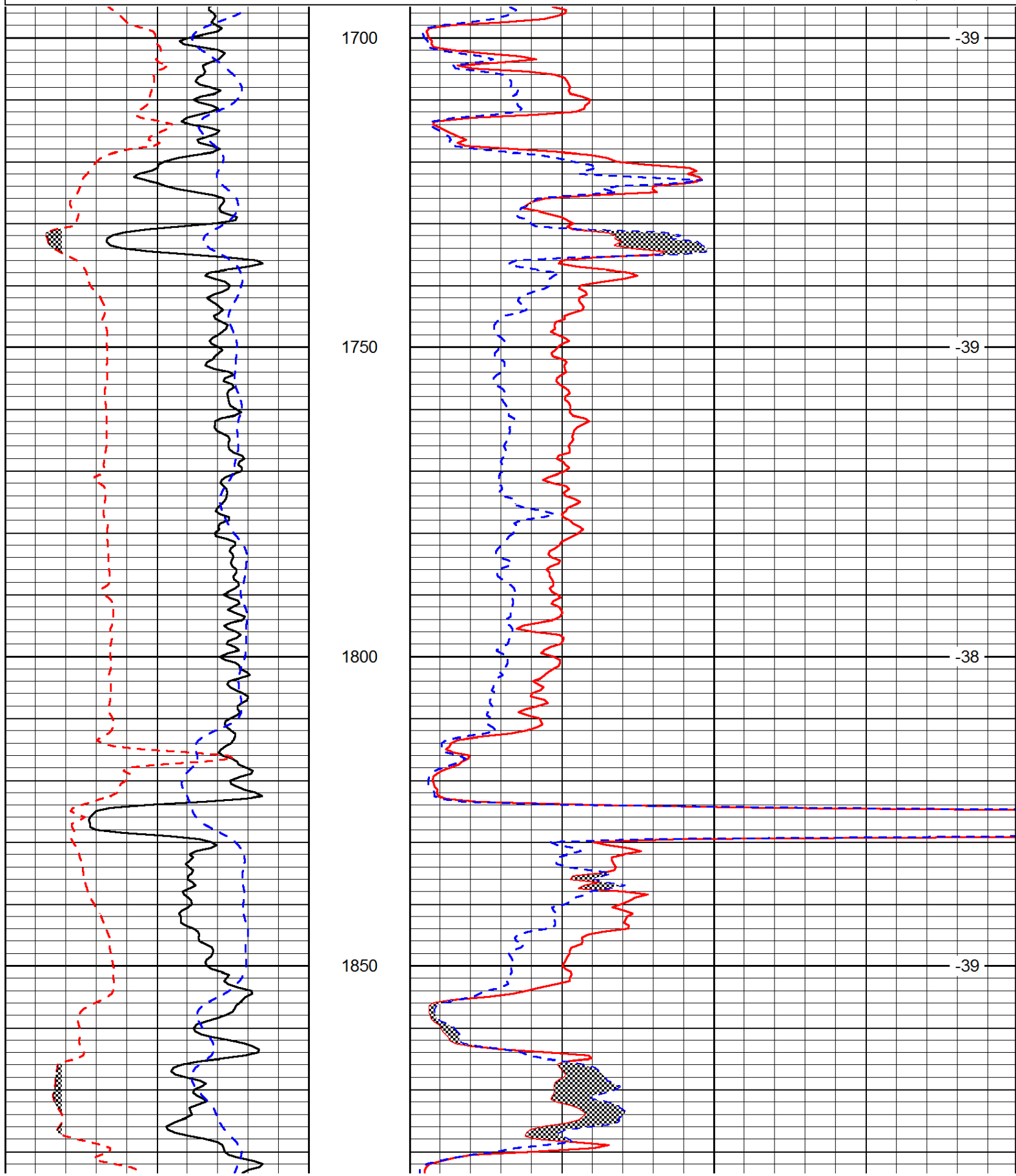
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

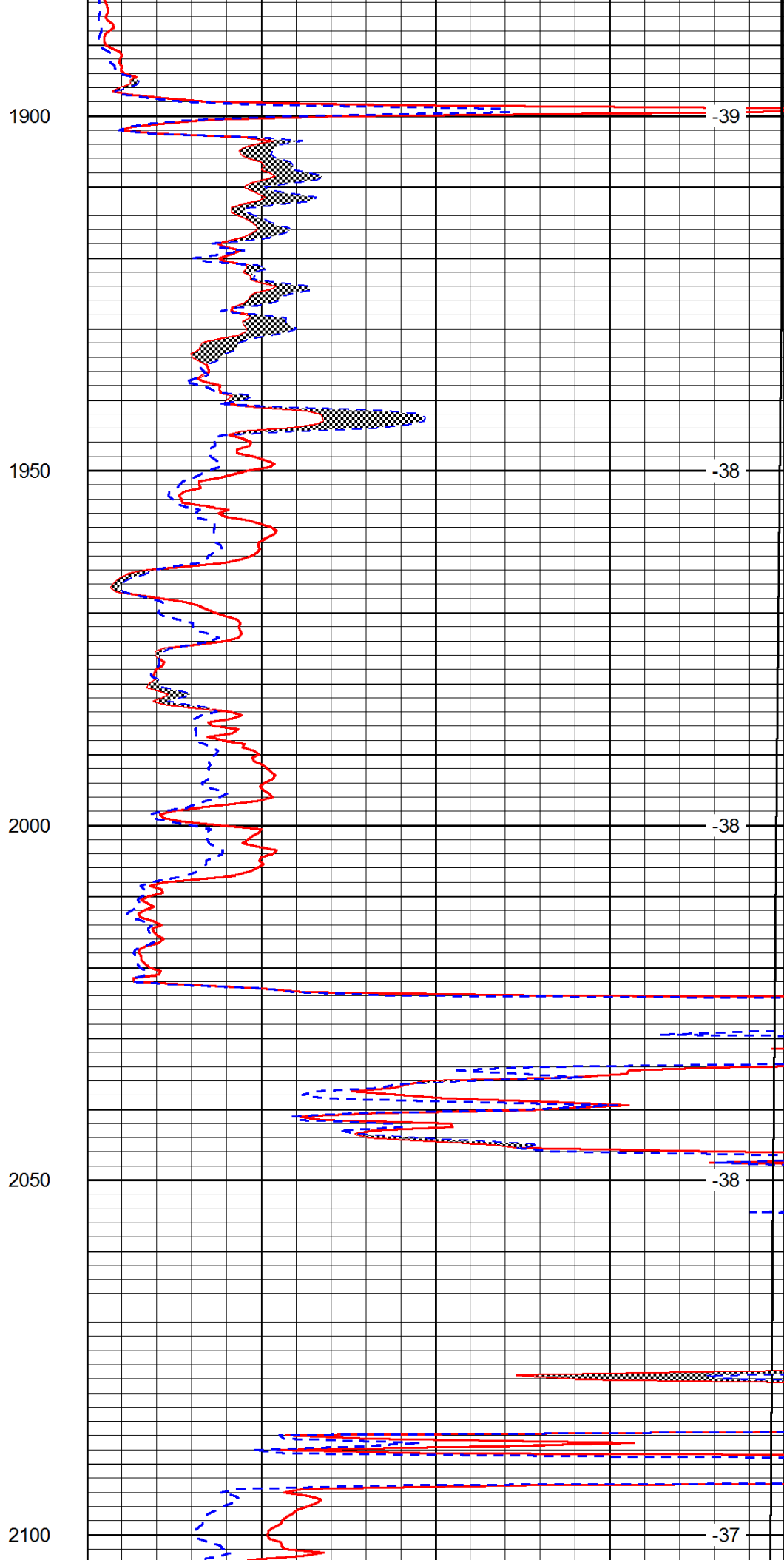
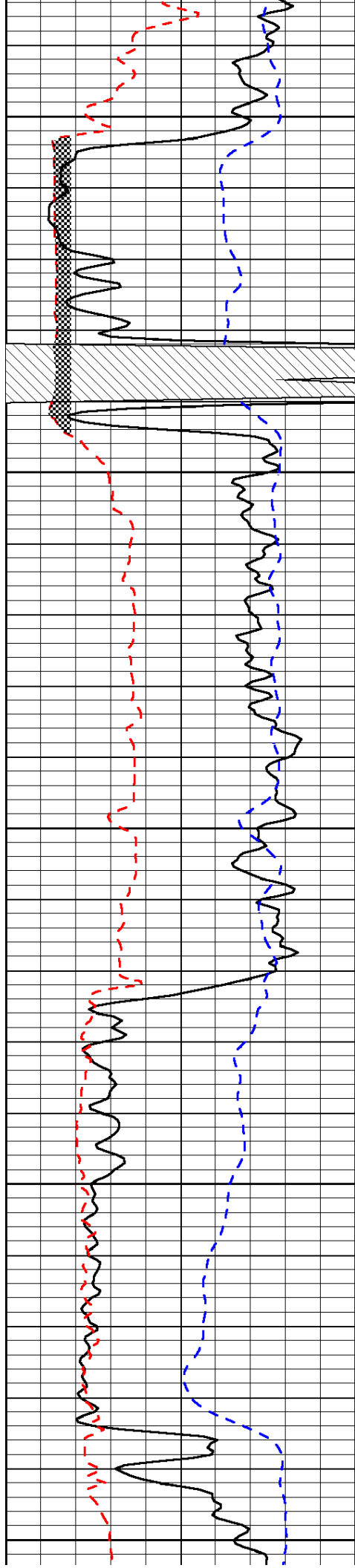
Winfield Kansas
East on 160, Follow 160 back to North for 2.2 Miles, West Into

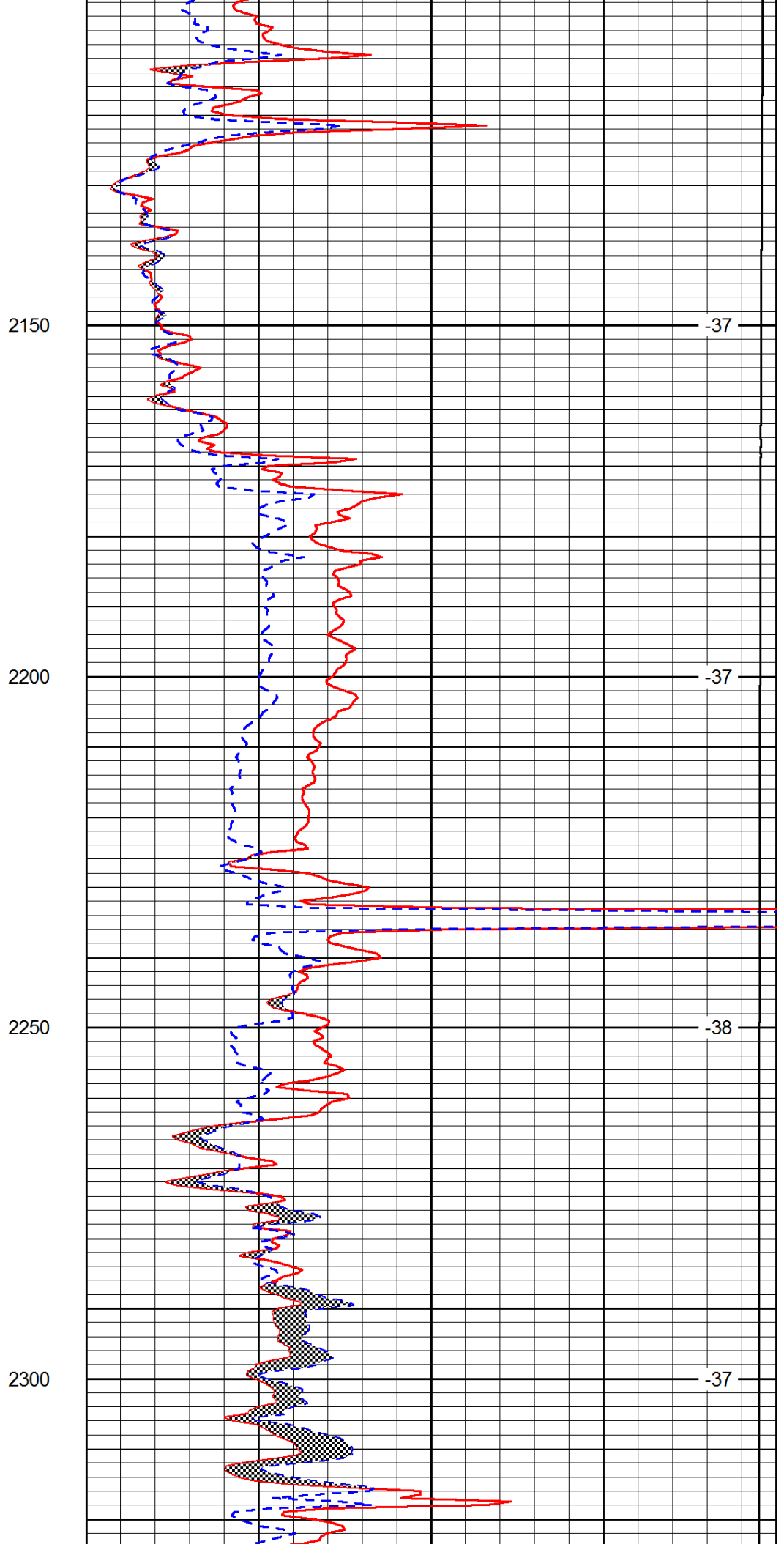
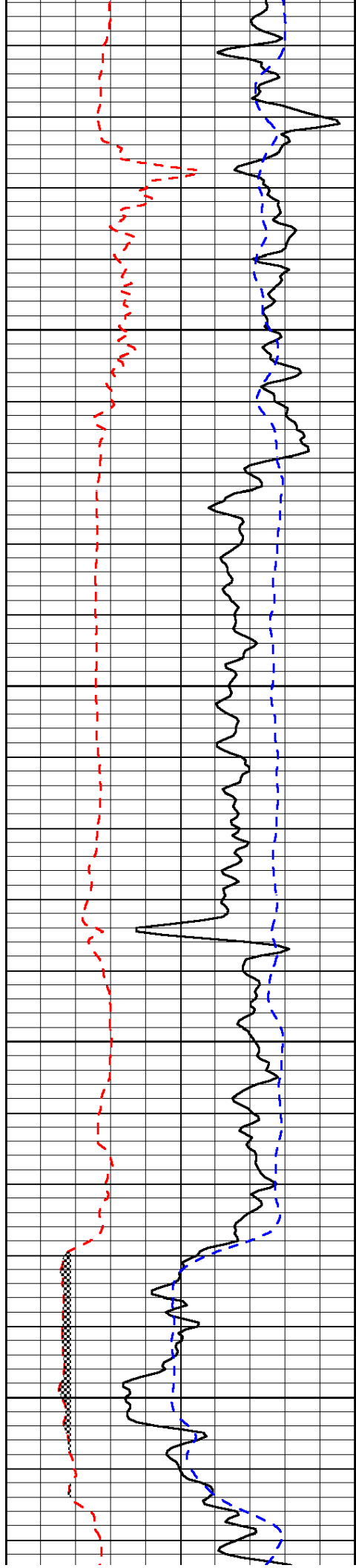
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

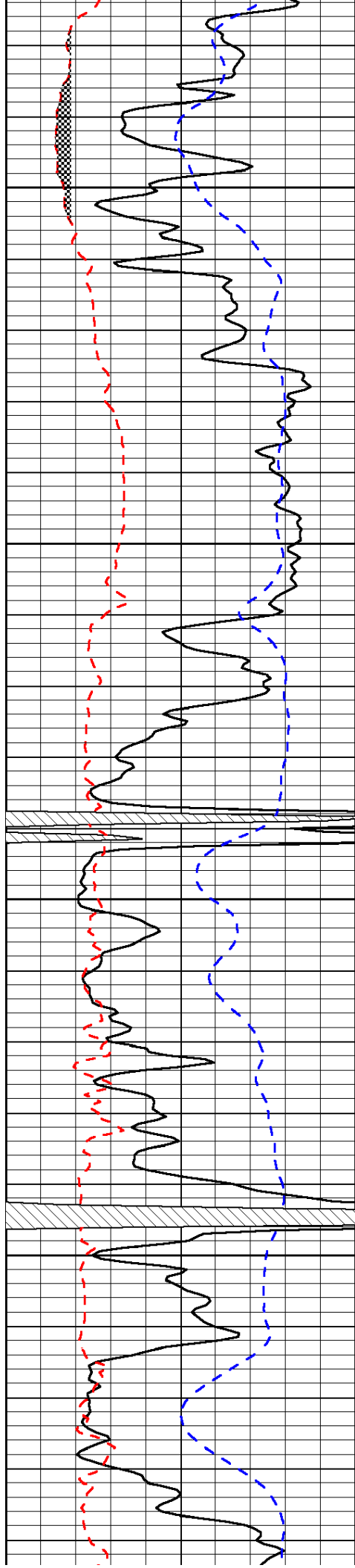
0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD







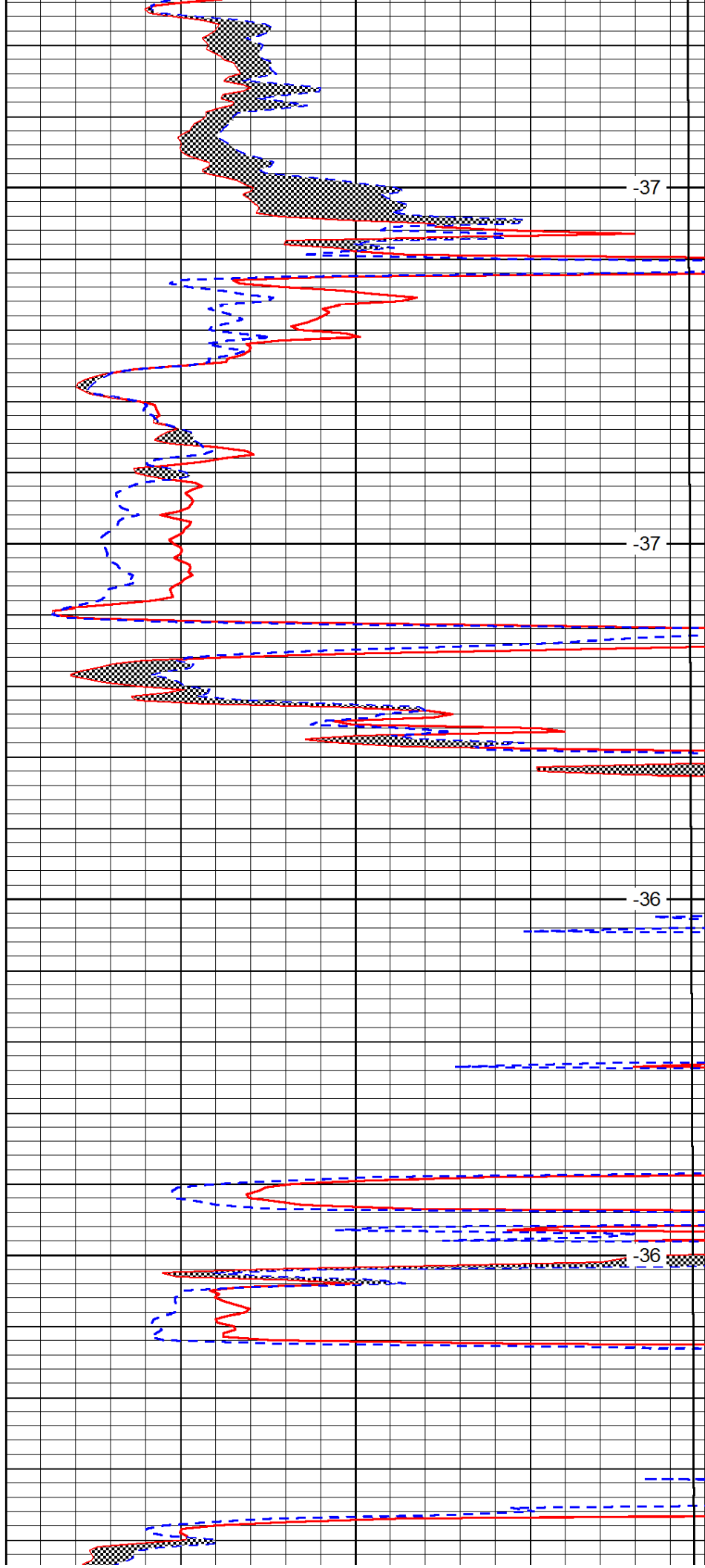


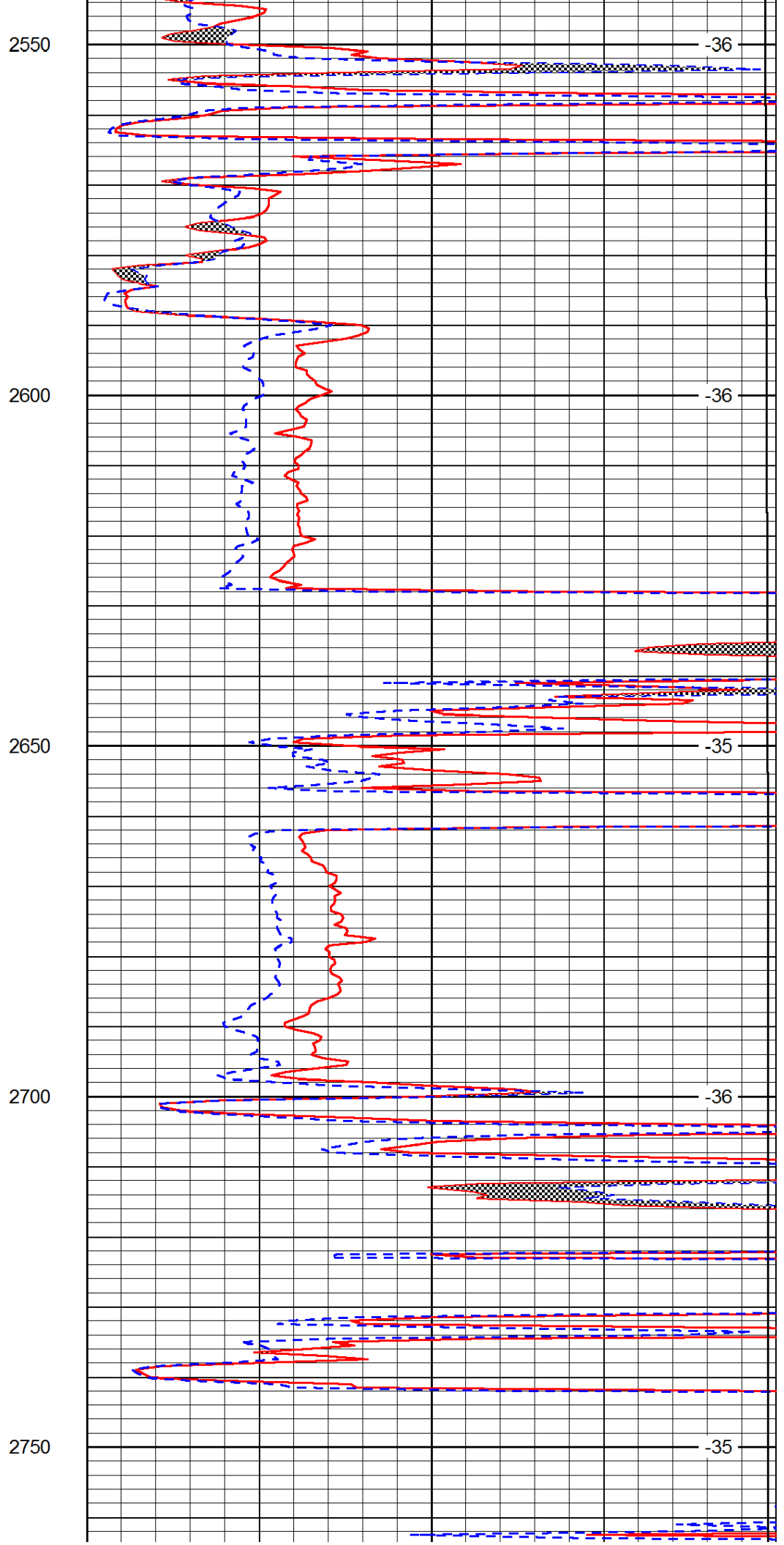
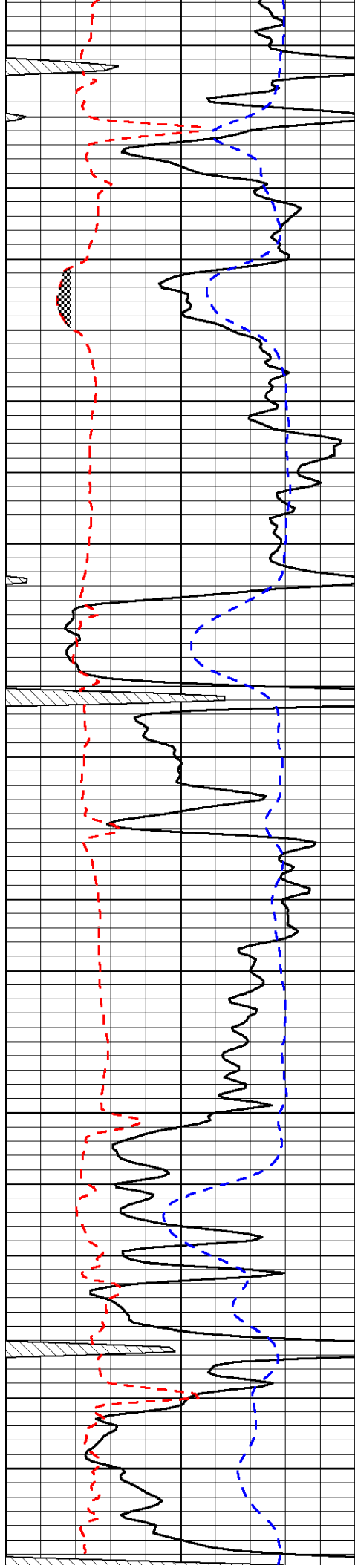
2350

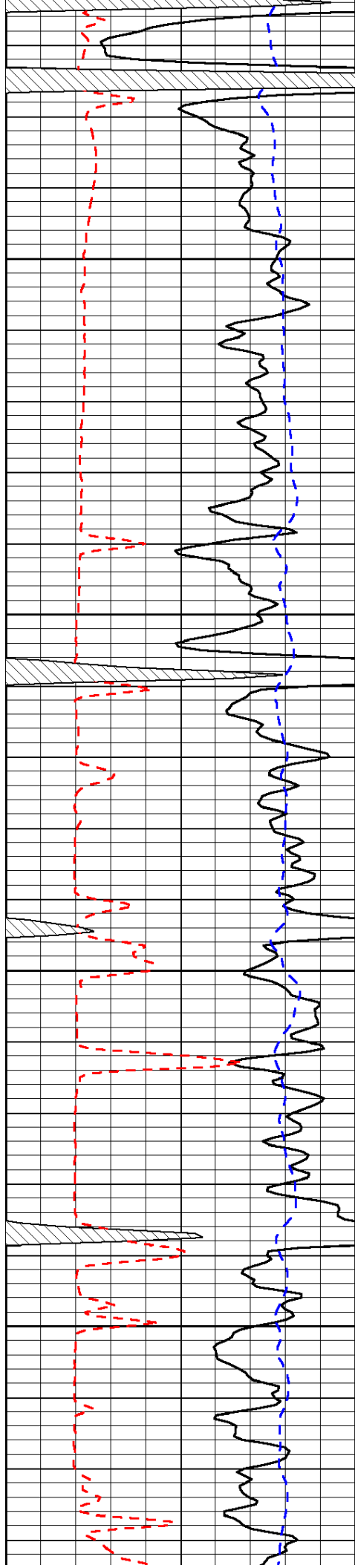
2400

2450

2500





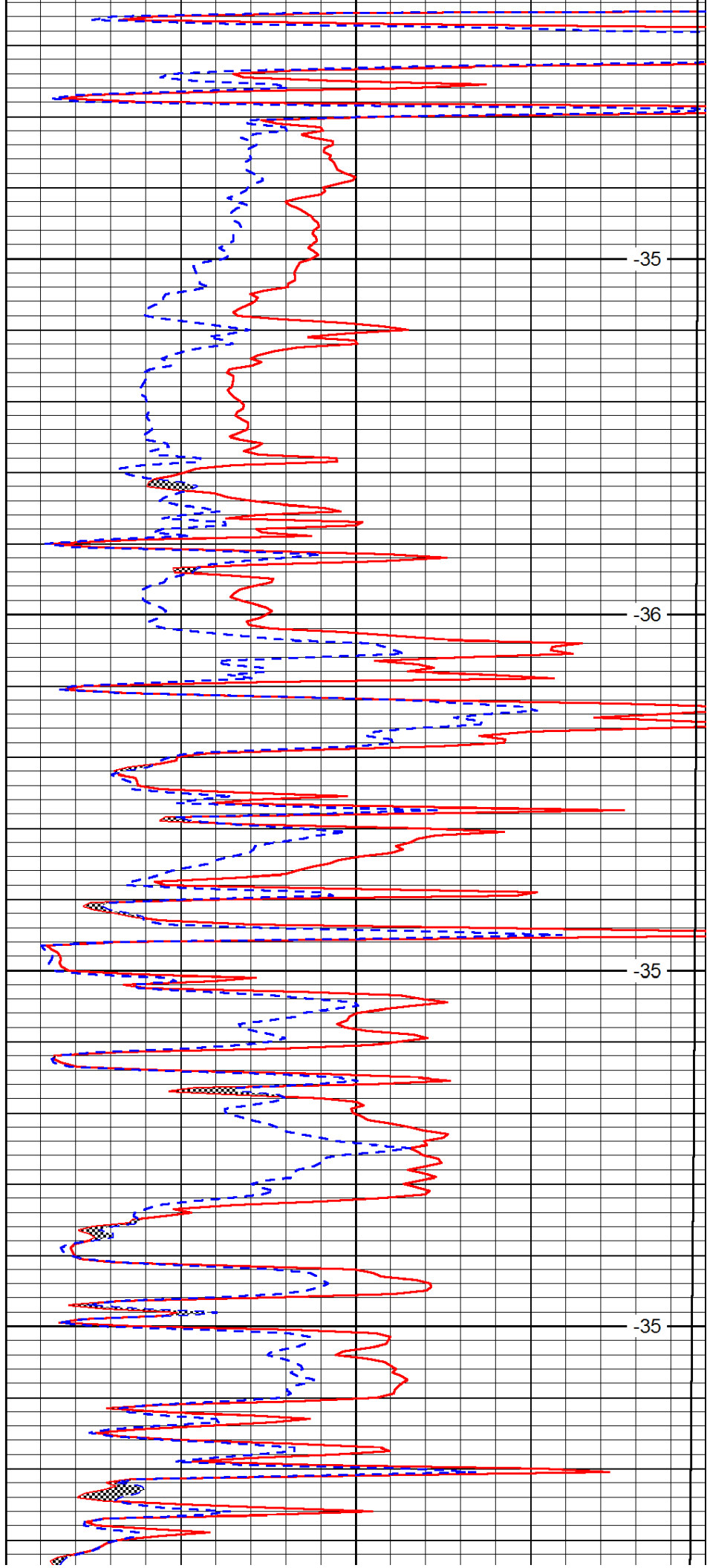


2800

2850

2900

2950

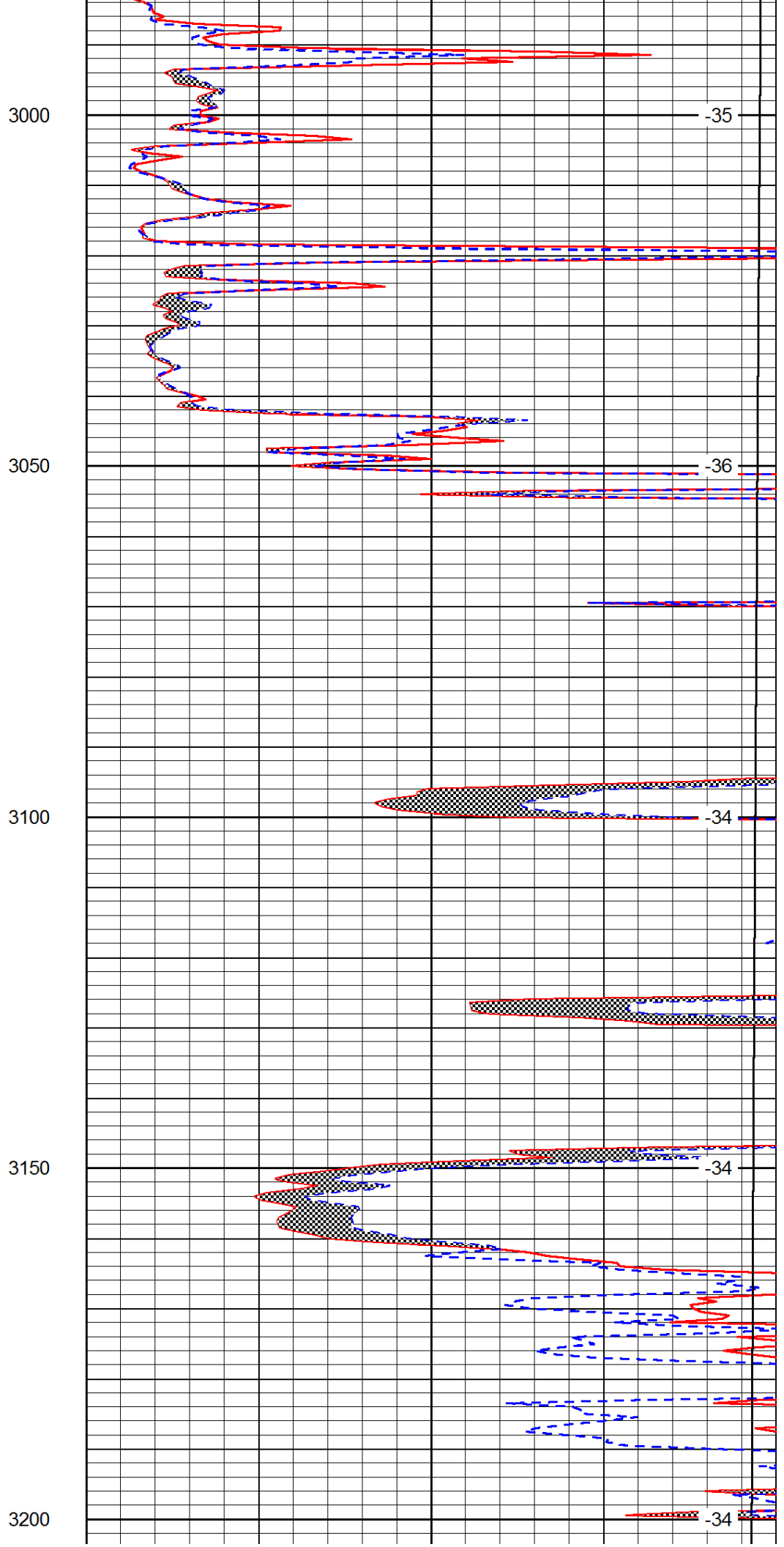
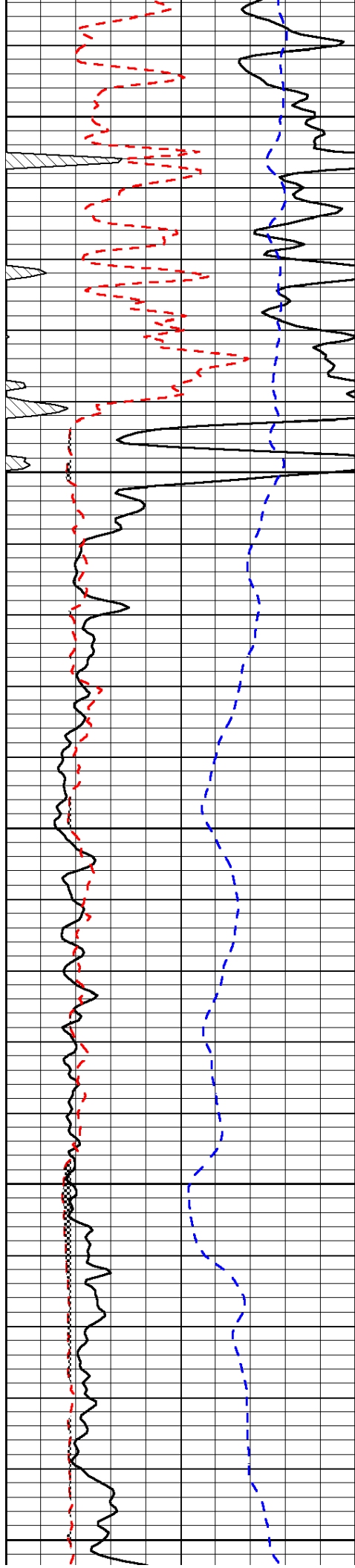


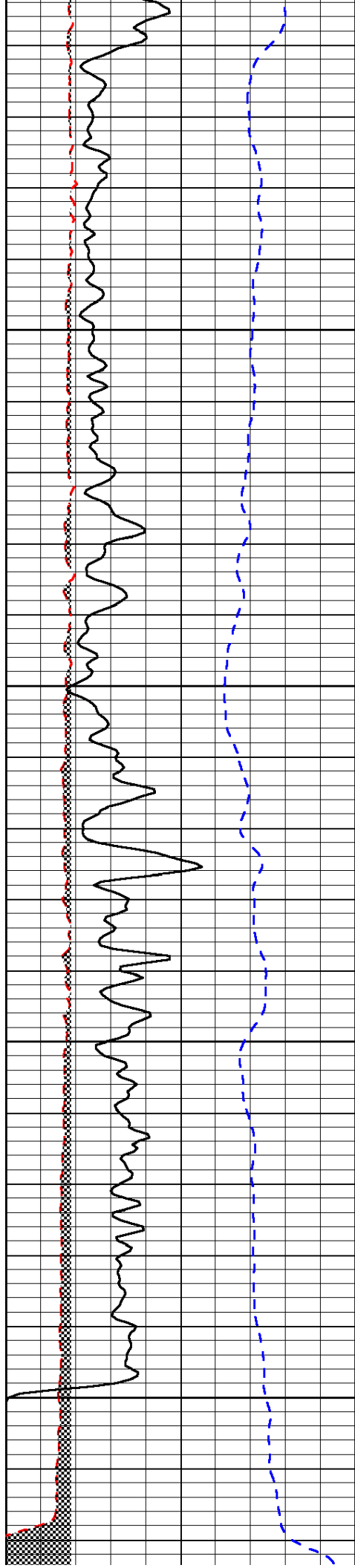
-35

-36

-35

-35



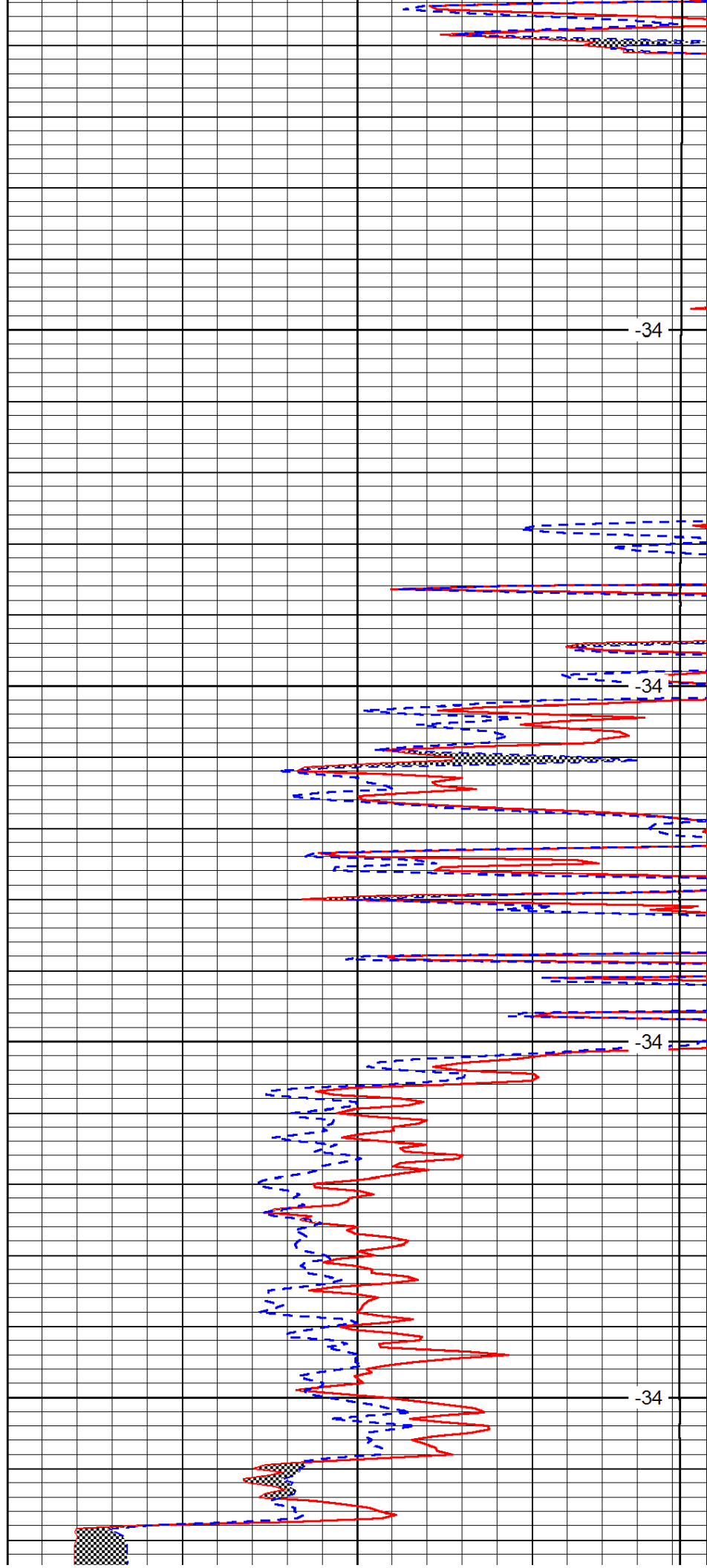


3250

3300

3350

3400



-34

-34

-34

-34

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