



DUAL INDUCTION LL3/GR LOG

Company	VULCAN RESOURCES, LLC.	Location:	API #: 15-031-24334-0000	Other Services	N/A
Well	HATCH # 5	Permanent Datum	SEC 2 TWP 22S RGE 13E	Elevation	1136'est
Field	HATCH SOUTH	Log Measured From	SW SW NE NE 4135' FSL & 1290' FEL	K.B. --- D.F. --- G.L. 1136'est	
County	COFFEY	Drilling Measured From	GL		
State	KANSAS				
Date	8-24-2018				
Run Number	ONE				
Depth Driller	1600'				
Depth Logger	1479'				
Bottom Logged Interval	1477'				
Top Log Interval	SURFACE				
Casing Driller	8 5/8" @ 40'				
Casing Logger	8 5/8" @ 40'				
Bit Size	6 3/4"				
Type Fluid in Hole	MUD				
Density / Viscosity					
pH / Fluid Loss					
Source of Sample					
Rm @ Meas. Temp					
Rmf @ Meas. Temp					
Rmc @ Meas. Temp					
Source of Rmf / Rmc					
Rm @ BHT					
Time Circulation Stopped					
Time Logger on Bottom					
Maximum Recorded Temperature					
Equipment Number	OW2				
Location	HOMINY, OK				
Recorded By	W. LOWERY				
Witnessed By	MR. XU				

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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

OW2-9135

CREW : C. SHAMBLES

**** DID NOT LOG COMPENSATED DENSITY-NEUTRON ****

**** FIRST RUN TOOL GOT STUCK AND WORKED TO FREE ****

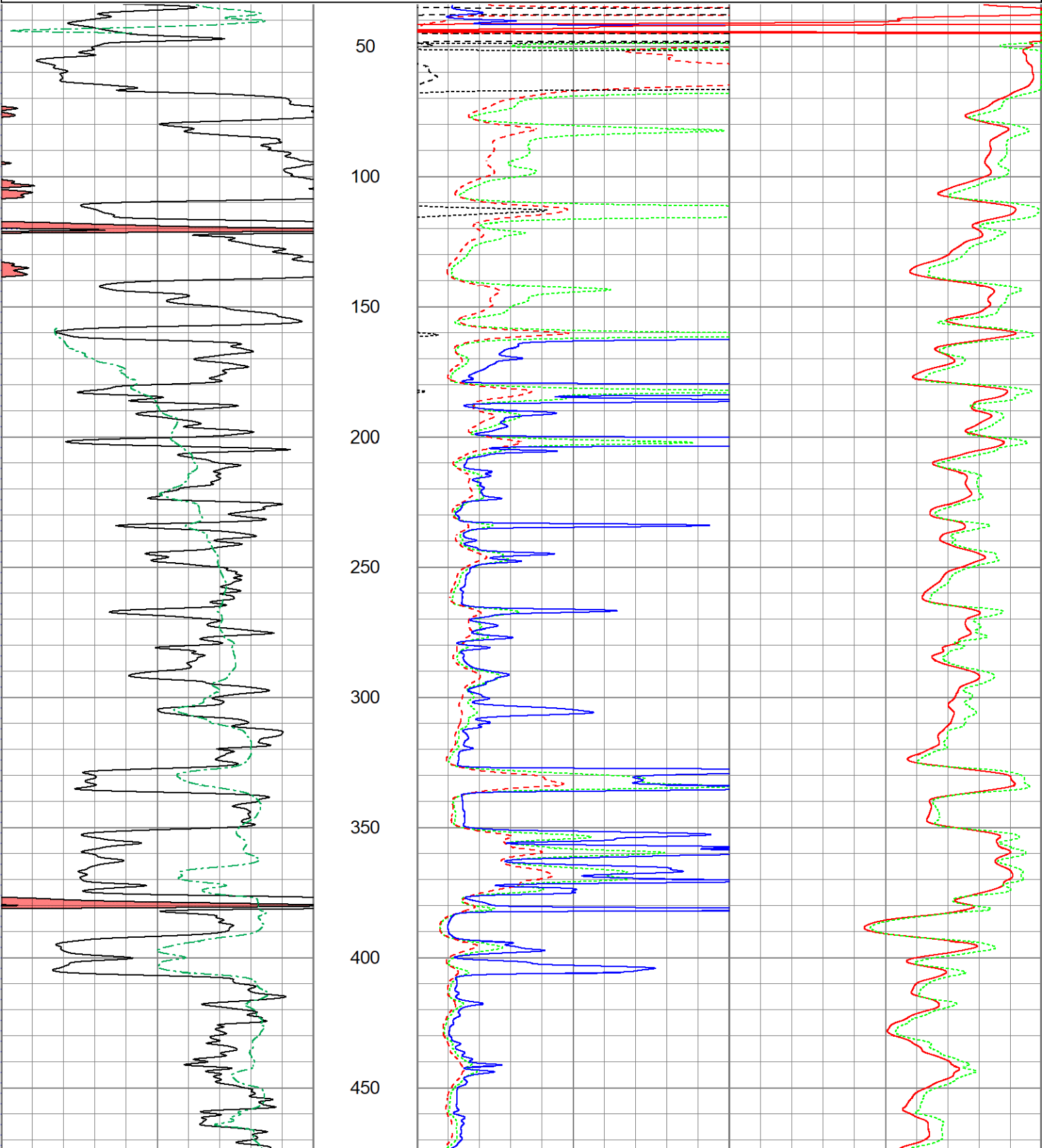
**** COMPANY MAN DECIDED TO NOT LOG FIRST RUN AND PULLED OUT ****

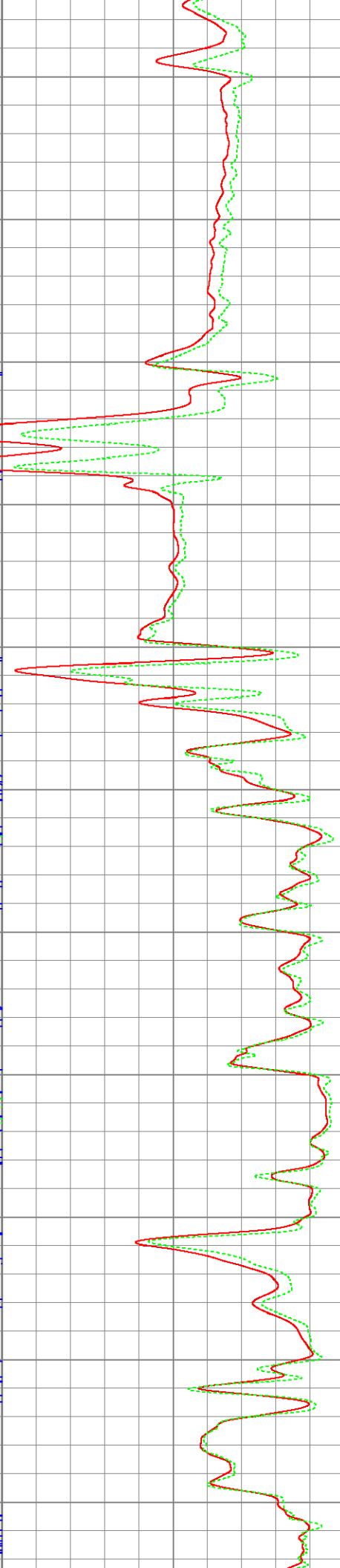
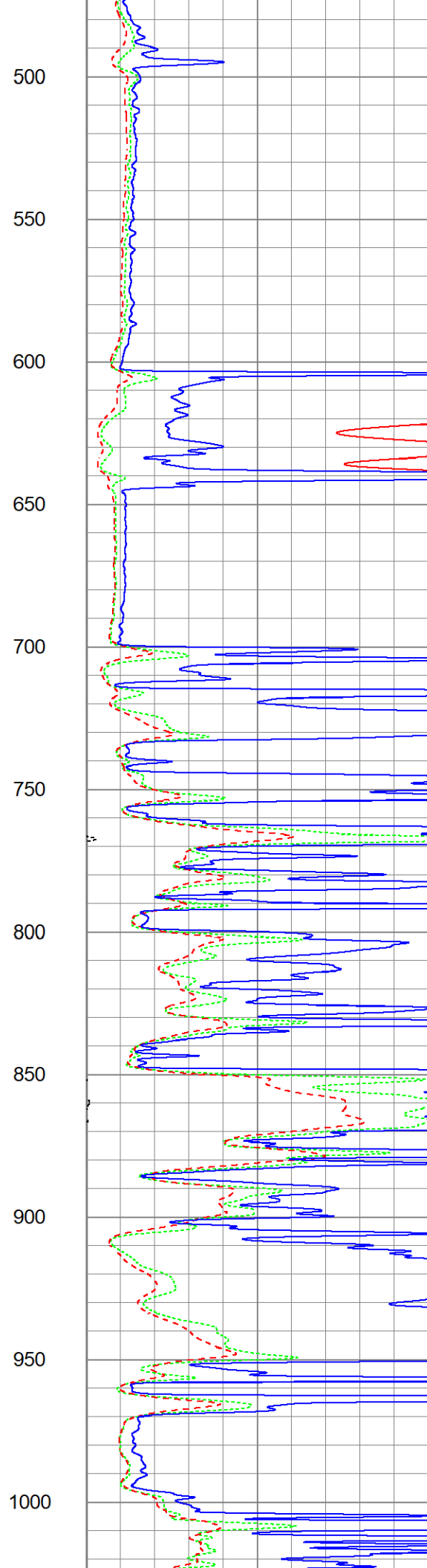
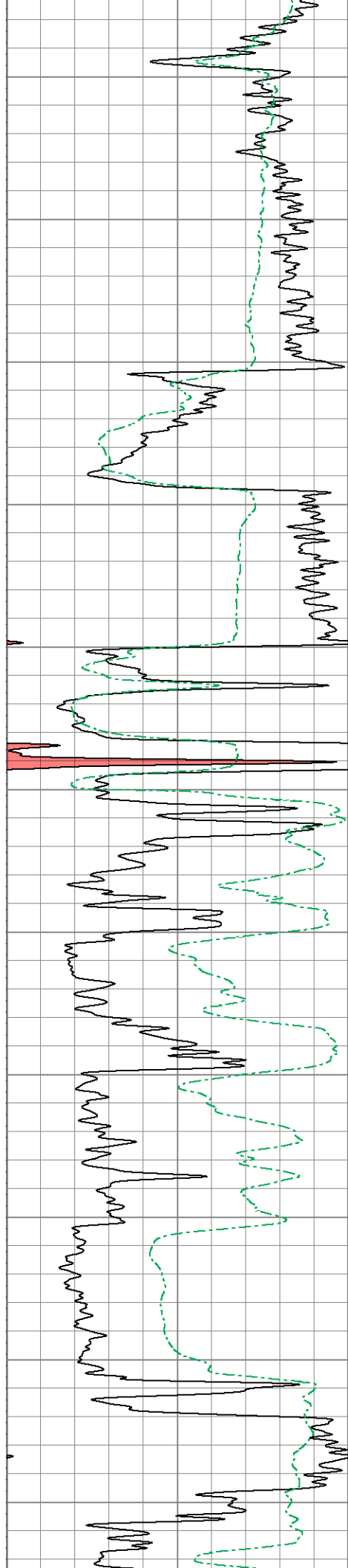


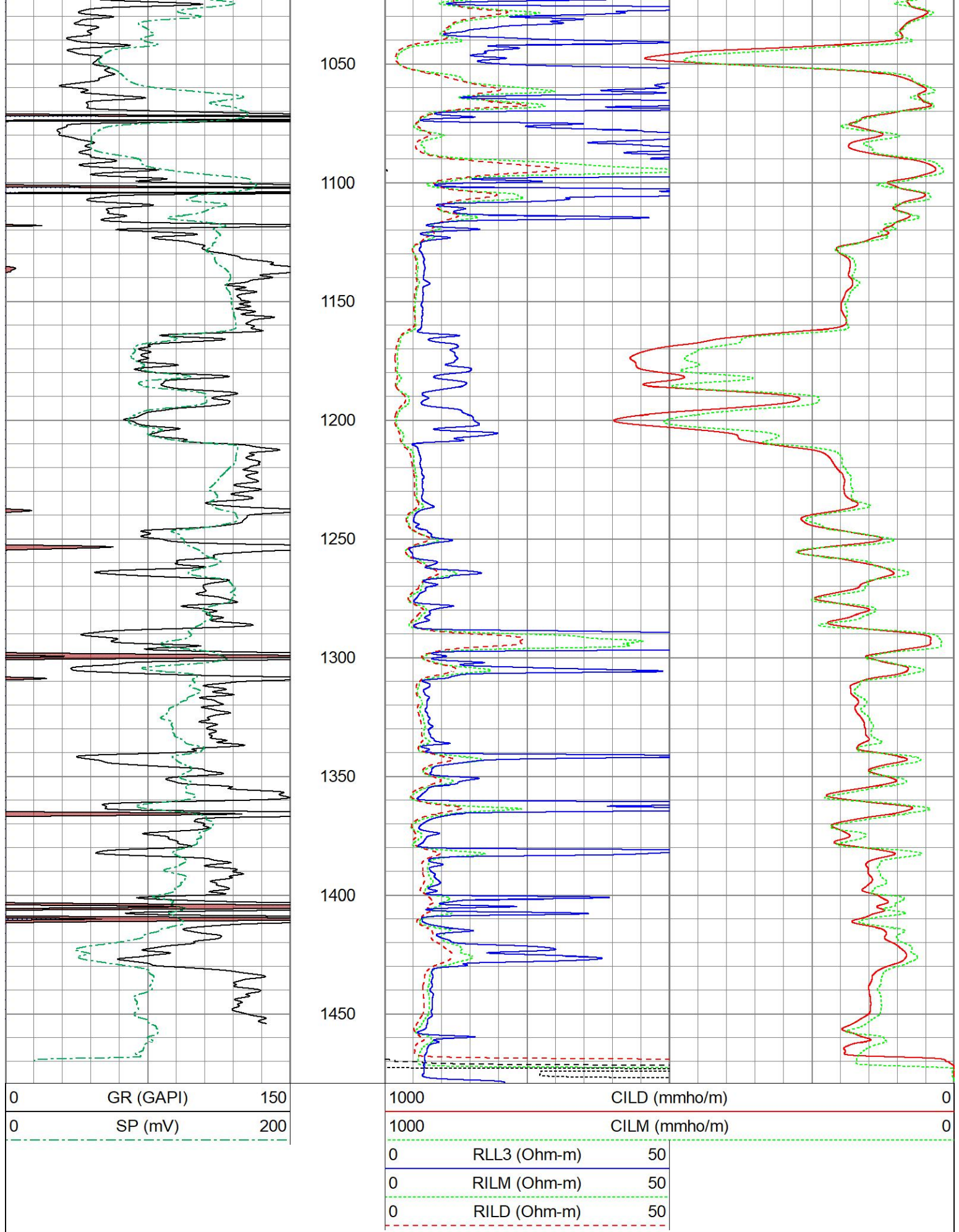
2" DIL SECTION

Database File	ow2-9135 vulcan.db
Dataset Pathname	DILGR/pass1.7
Presentation Format	dil2mdcol
Dataset Creation	Fri Aug 24 17:23:54 2018
Charted by	Depth in Feet scaled 1:600

0	GR (GAPI)	150	1000	CILD (mmho/m)	0
0	SP (mV)	200	1000	CILM (mmho/m)	0
			0	RLL3 (Ohm-m)	50
			0	RILM (Ohm-m)	50
			0	RILD (Ohm-m)	50







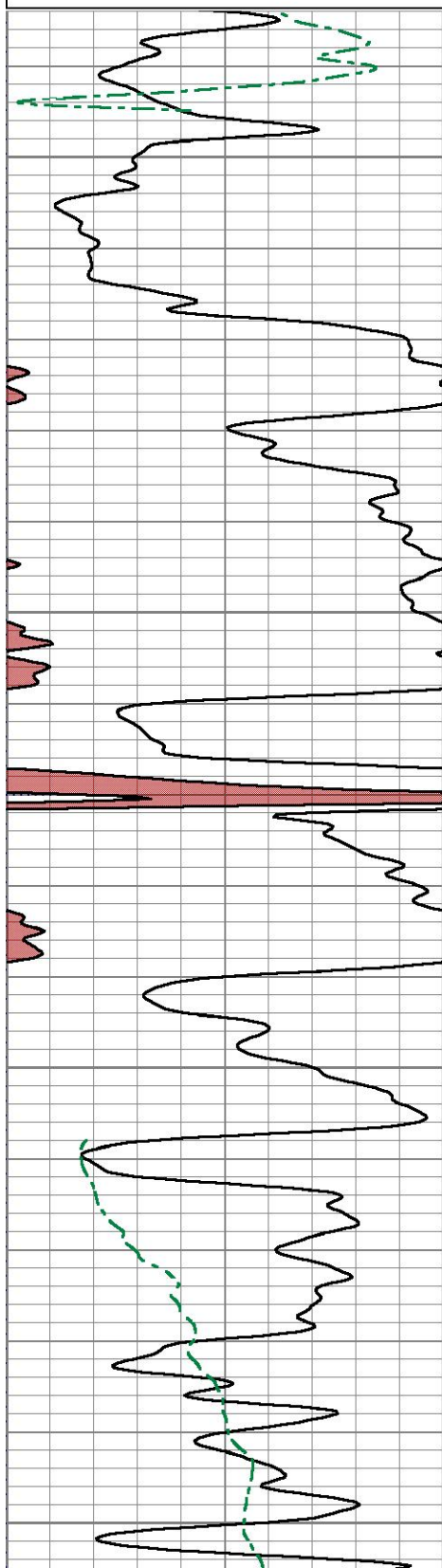


5" DIL SECTION

Database File ow2-9135 vulcan.db
Dataset Pathname DILGR/pass1.6
Presentation Format dil5mdcol
Dataset Creation Fri Aug 24 17:23:06 2018
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
0	SP (mV)	200

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

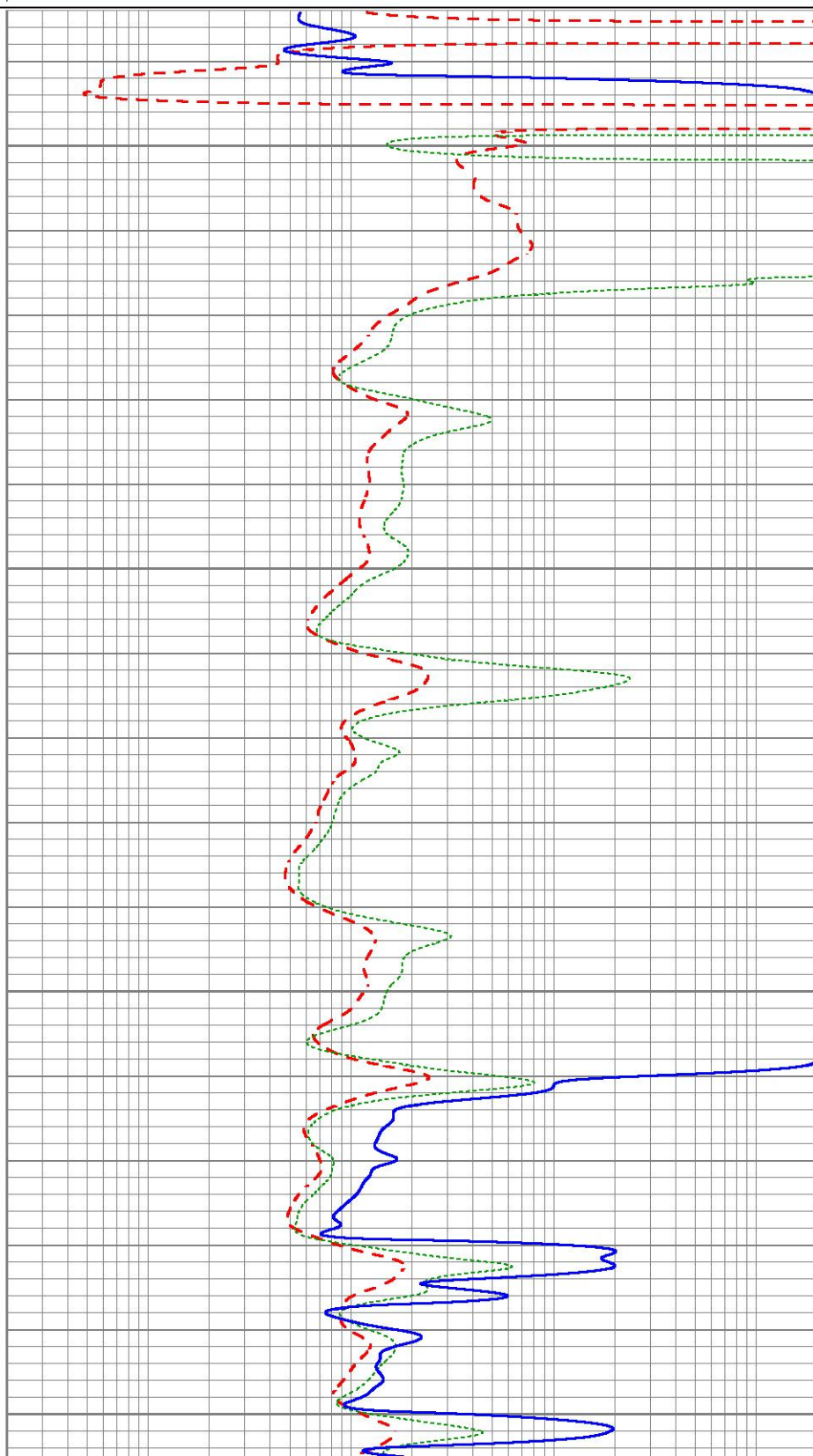


50

100

150

200



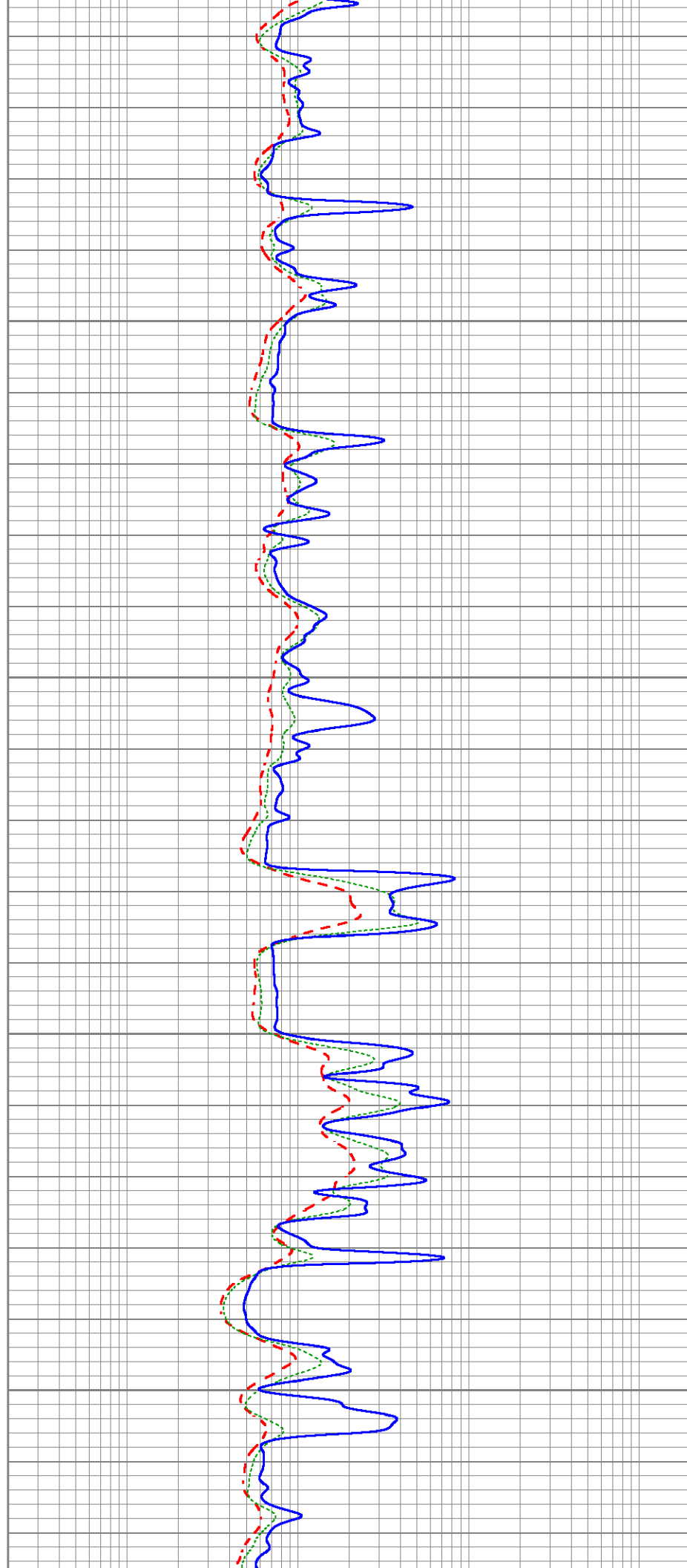


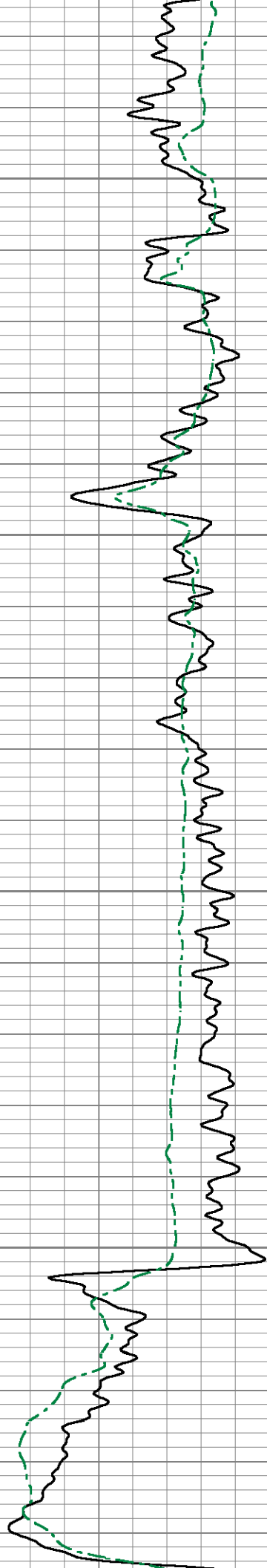
250

300

350

400



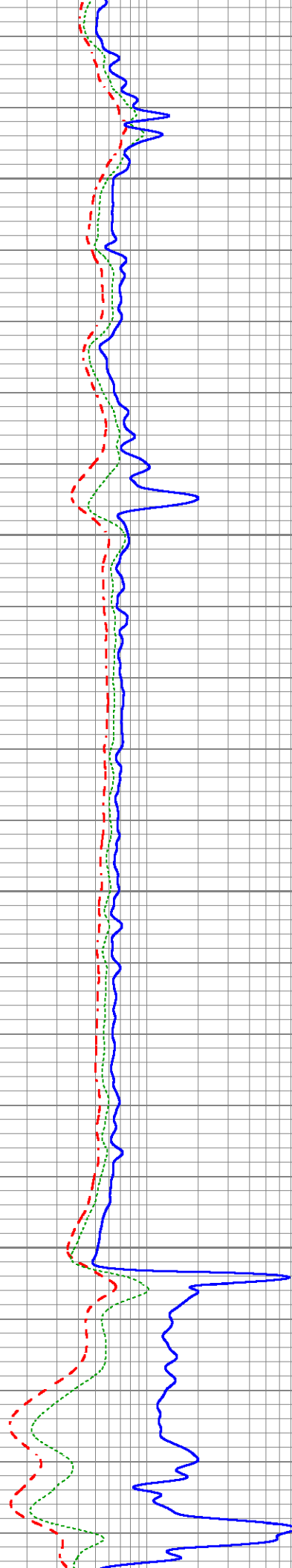


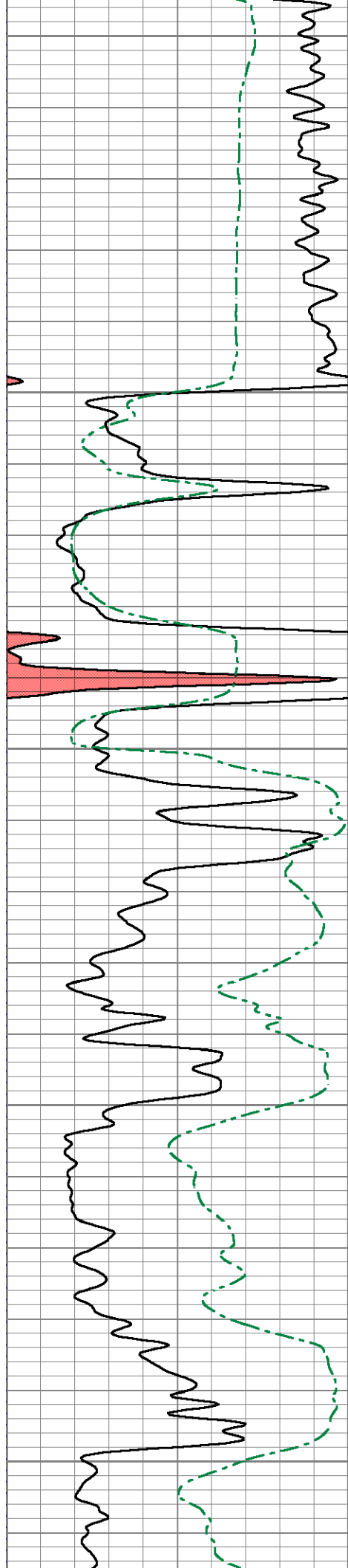
450

500

550

600





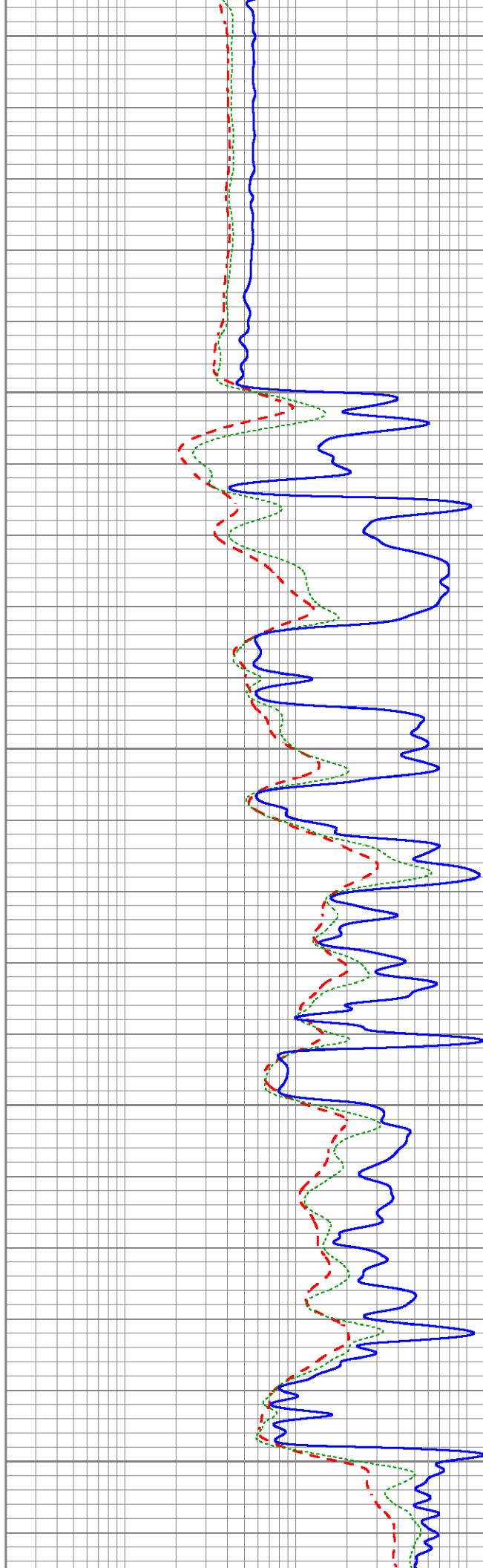
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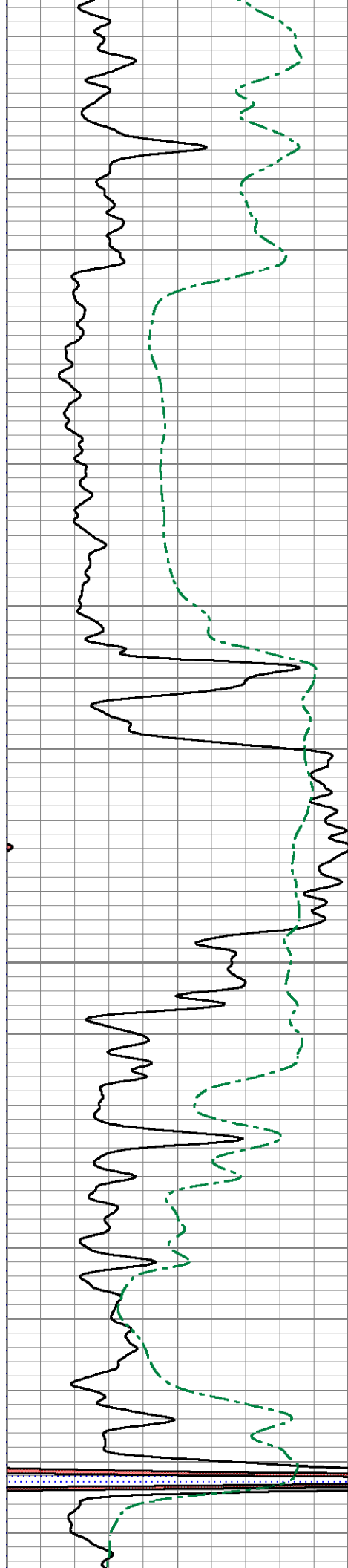
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750

800

850



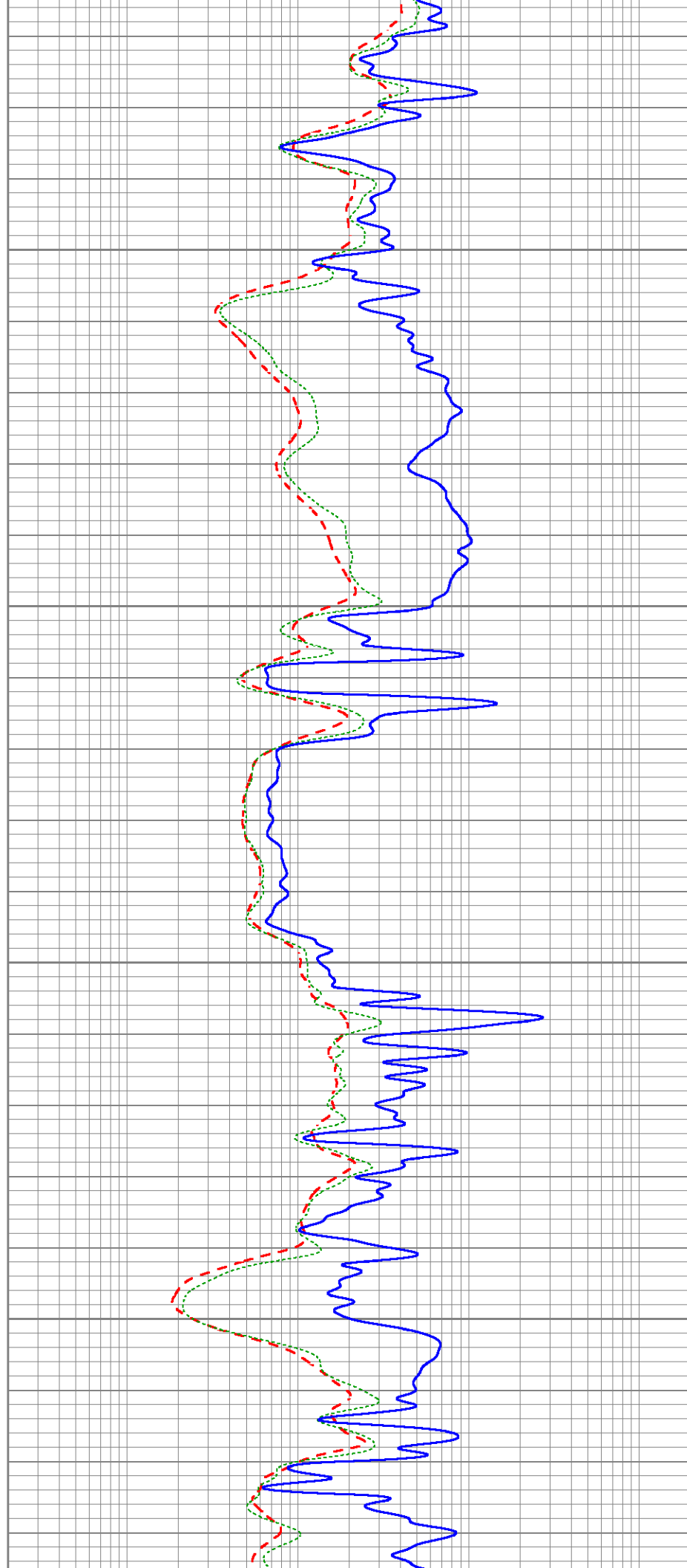


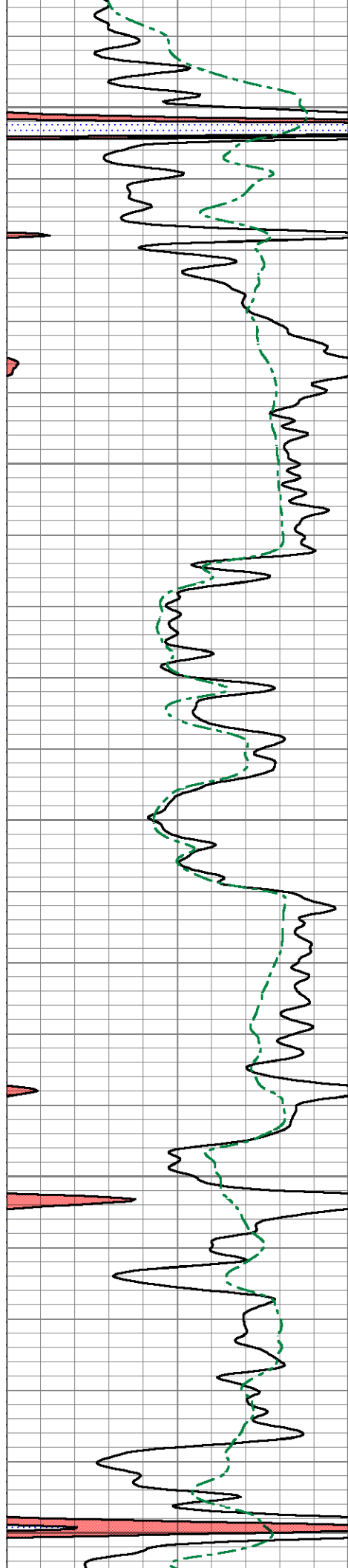
900

950

1000

1050





1100

1150

1200

1250

1300

