



**GAMMA RAY
NEUTRON
CEMENT BOND
COMPLETION LOG**

Company NOBLE PETROLEUM, INC.
Well BUSENITZ #1
Field PLUM GROVE
County BUTLER
State KANSAS

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Location: API # : 15-015-24044-00-00
1632' FNL & 1564' FWL
NW NW SE NW
SEC 24 TWP 24S RGE 4E
Permanent Datum G.L. Elevation 1406' EST
Log Measured From K.B. 9' A.G.L. K.B. 1415'
Drilling Measured From K.B. 9' A.G.L. D.F. G.L. 1406' EST.

Date	9-25-2014		
Run Number	1-NEWWELL		
Depth Driller	2620'		
Depth Logger	2610.9'		
Top Log Interval	SURFACE		
Bottom Logged Interval	2610.9'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	5.5" @ T.D.	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top	1492'		
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor	C & G DRILLING		
Equipment Number	107		
Location			
Recorded By	UDEN, D.		
Witnessed By	REED, G.		

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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

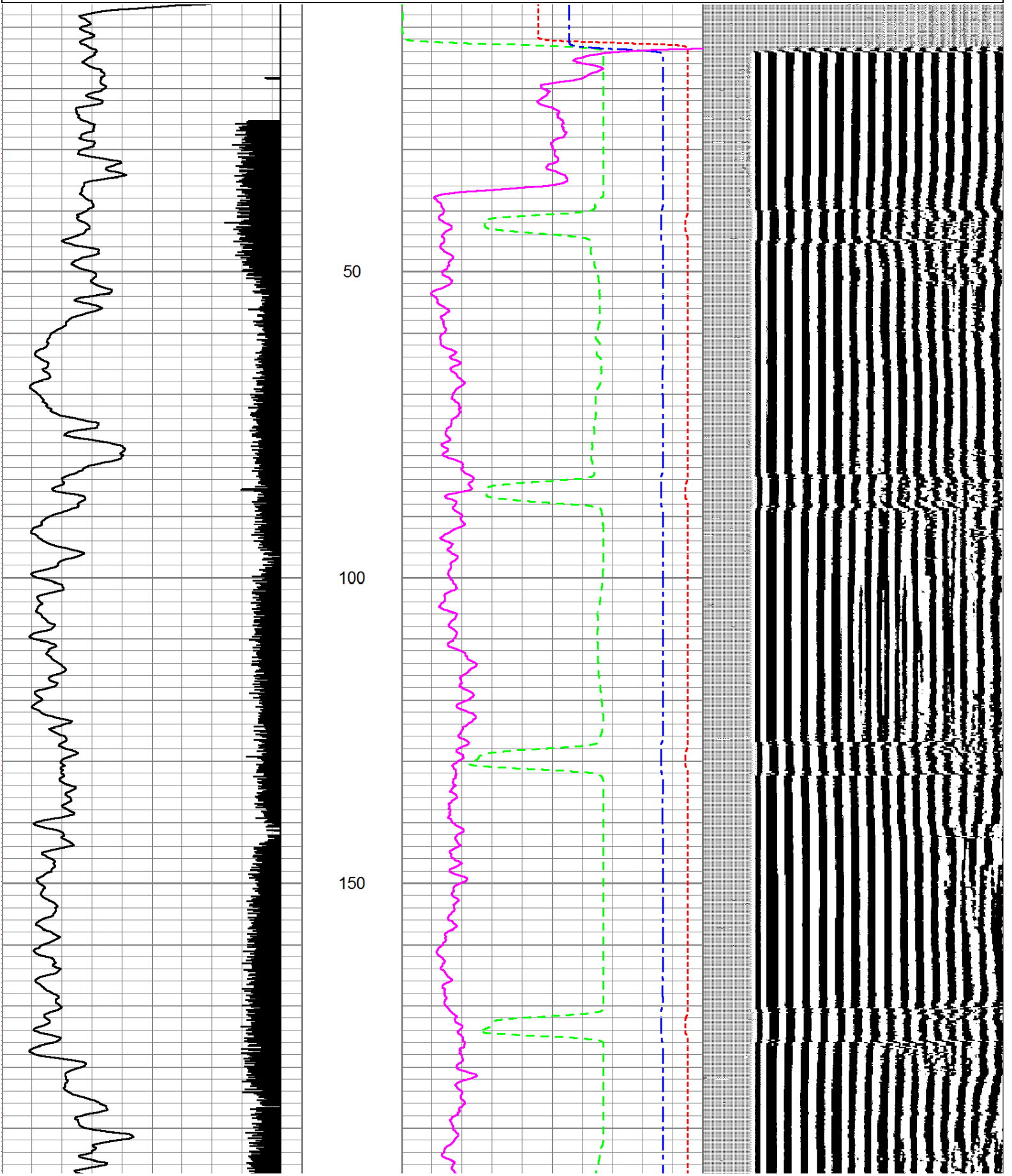
THANK YOU

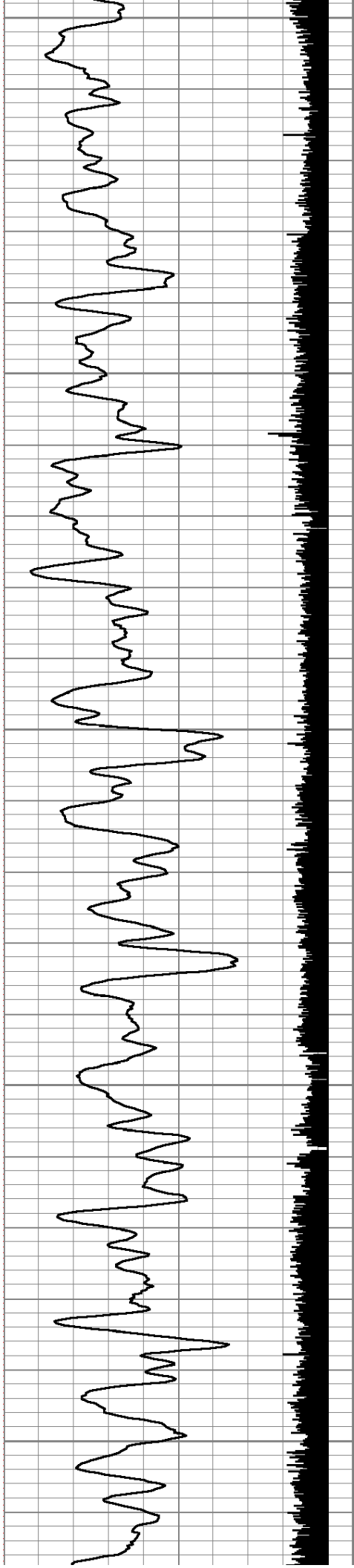
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			tekco tekco cent	2.17	1.69	5.00

0	Gamma Ray	150
150	gr	300
13	CCL	-1

0	Amplitude (mV)	150
1200	TT3FT (usec)	200
1500	TT5FT (usec)	200
50	NEU	950

200	VDL	1200
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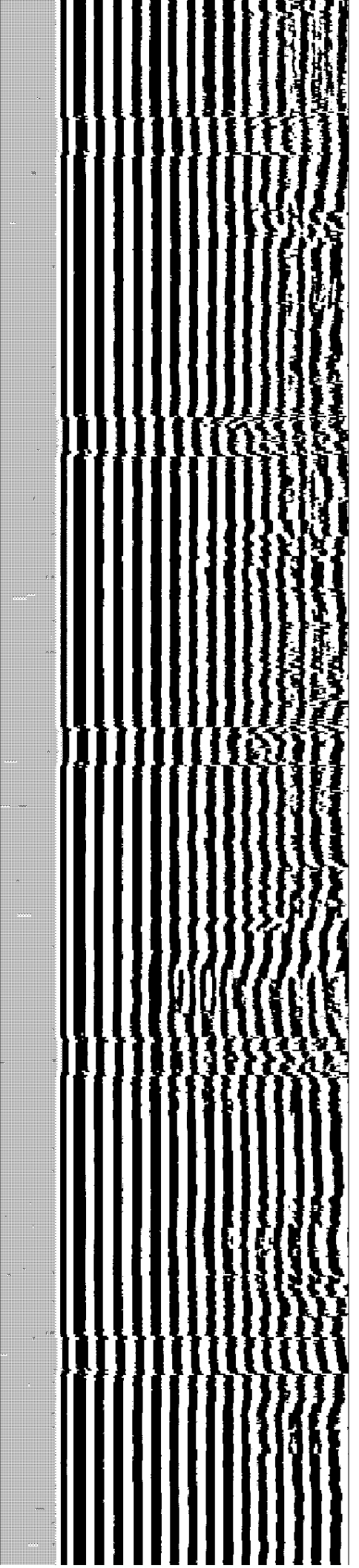
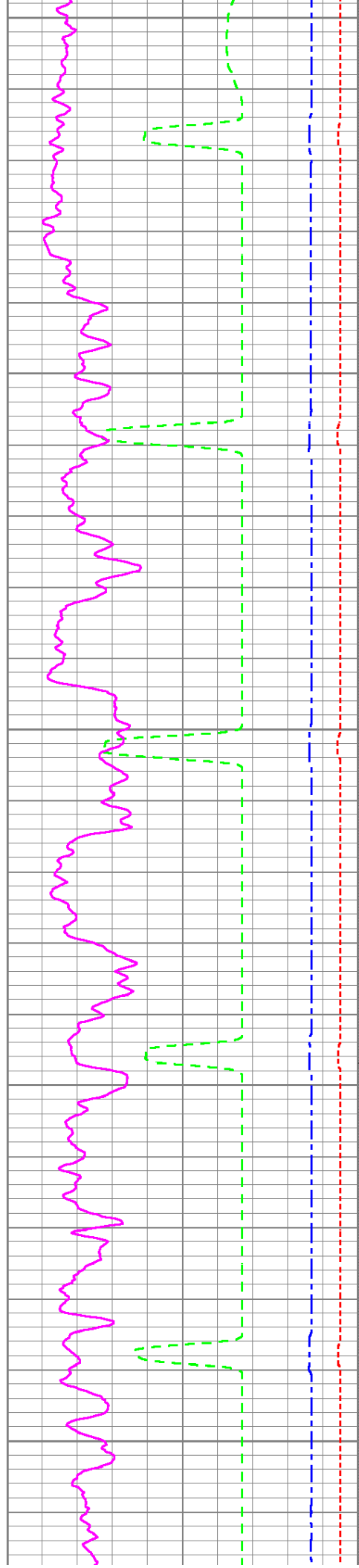
200

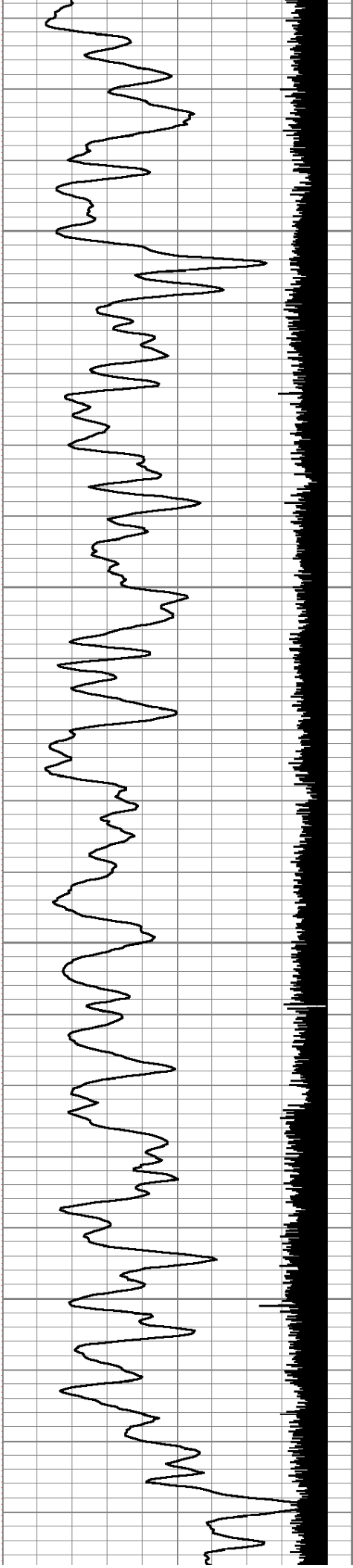
250

300

350

400



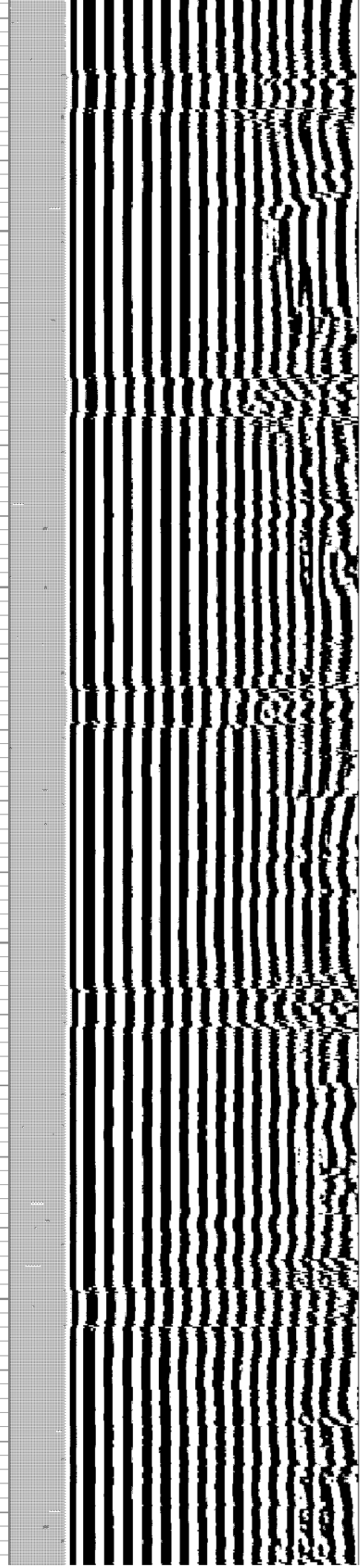
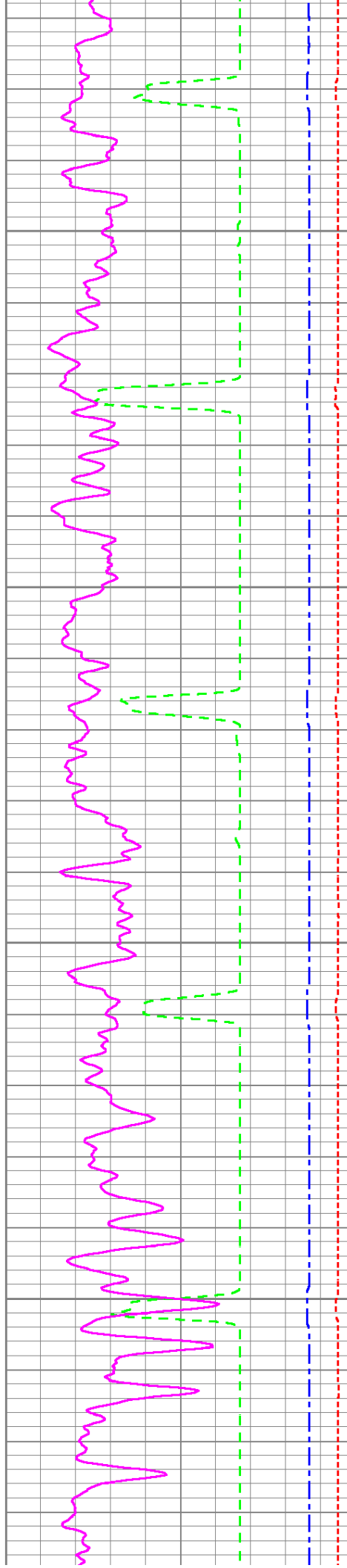


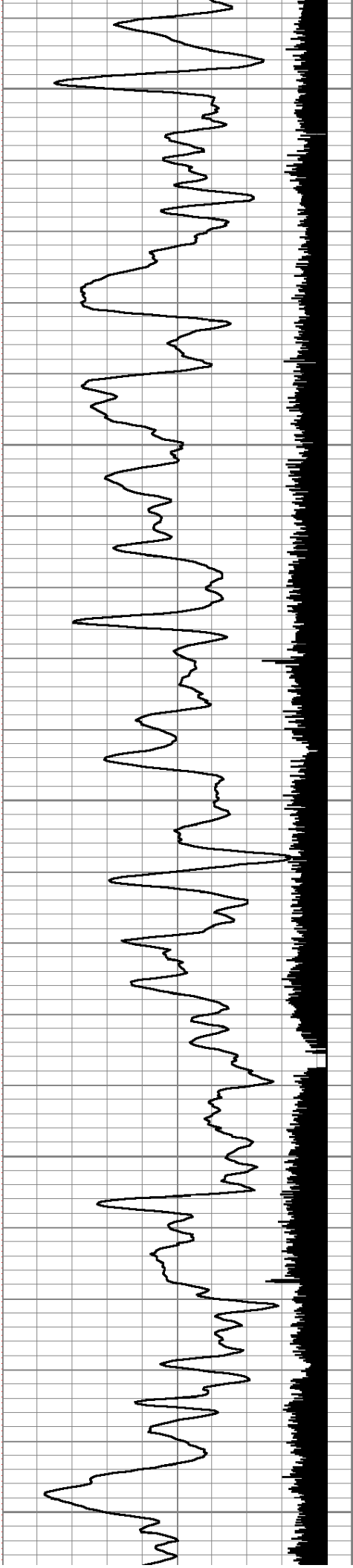
450

500

550

600





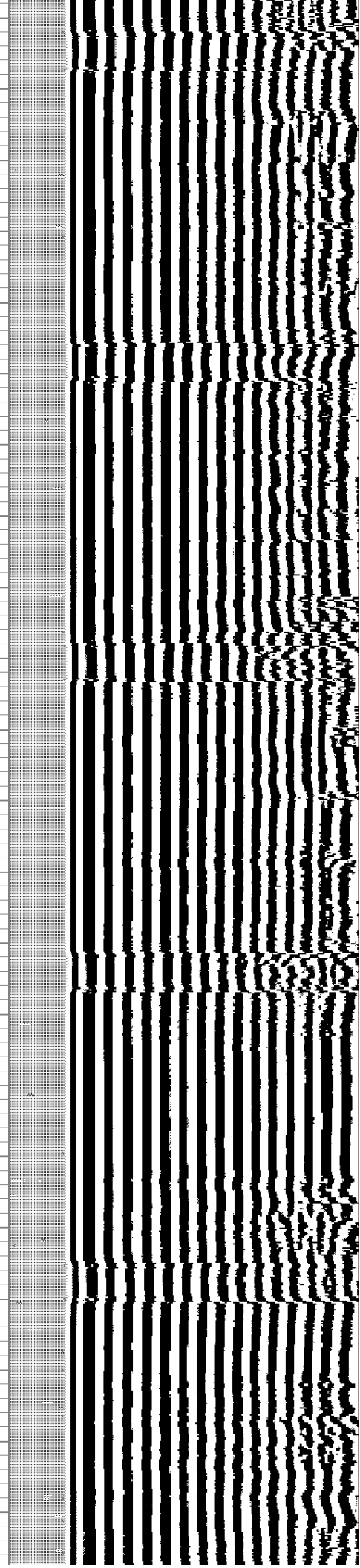
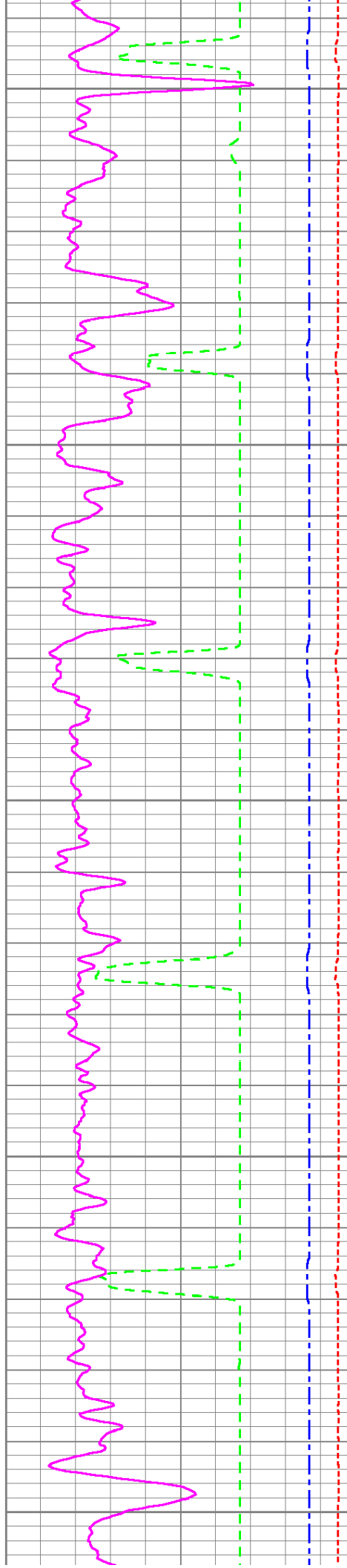
650

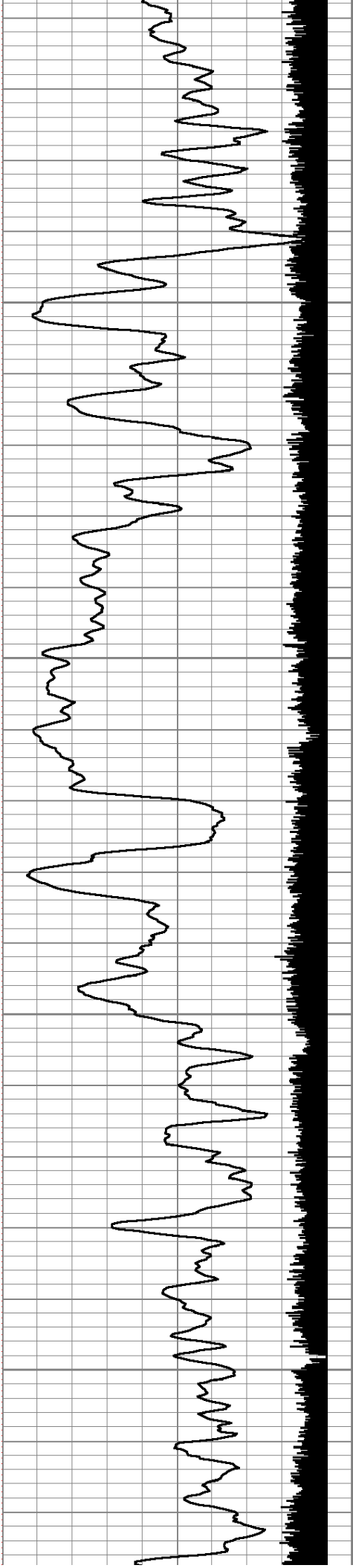
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750

800

850



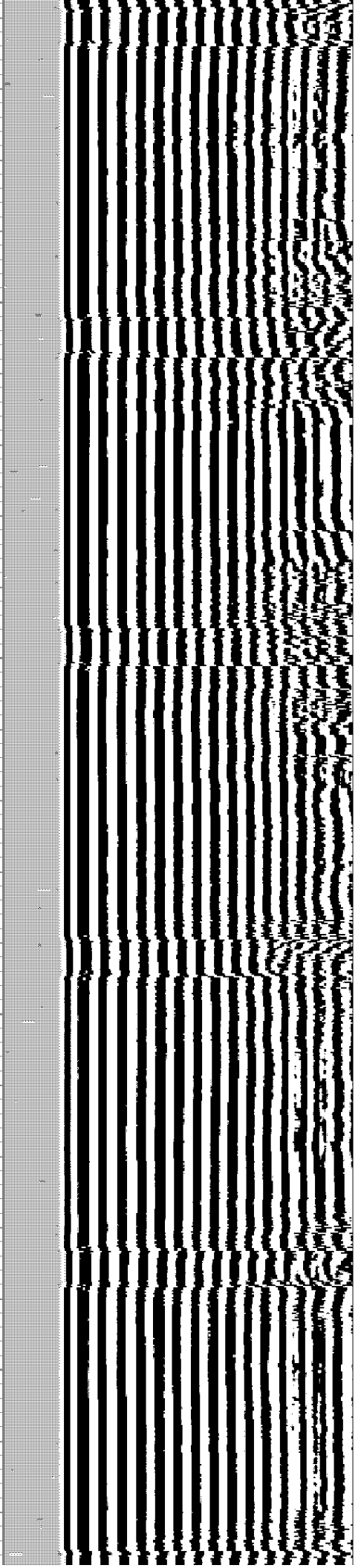
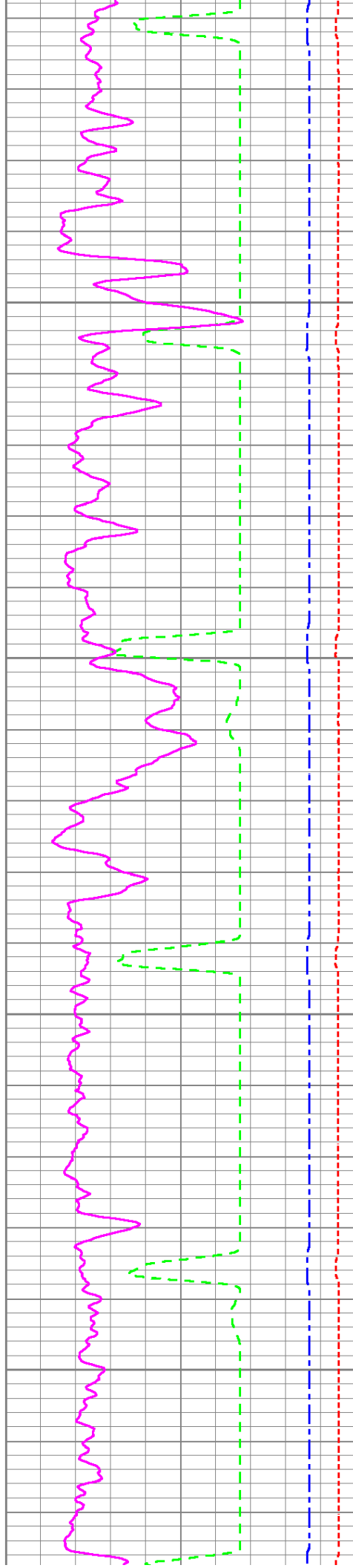


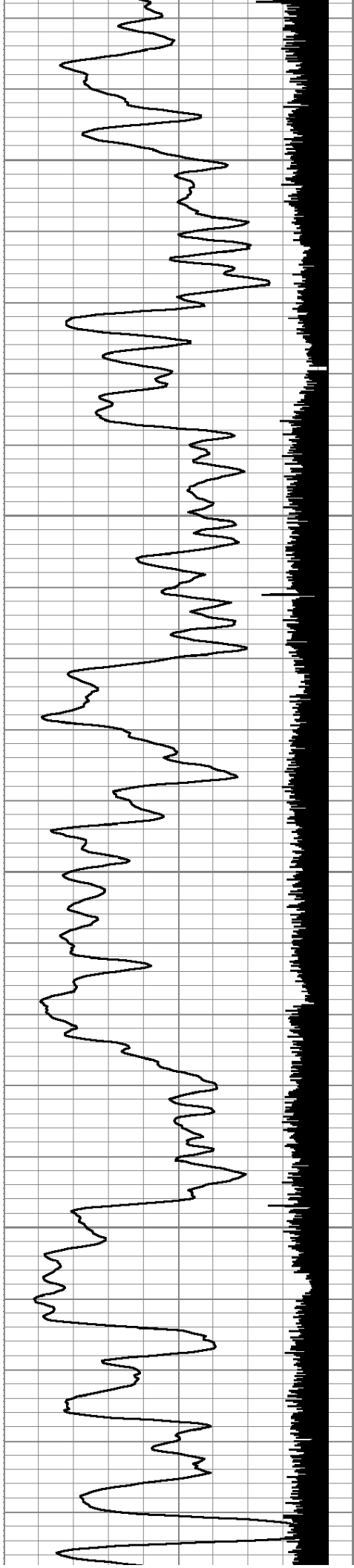
900

950

1000

1050



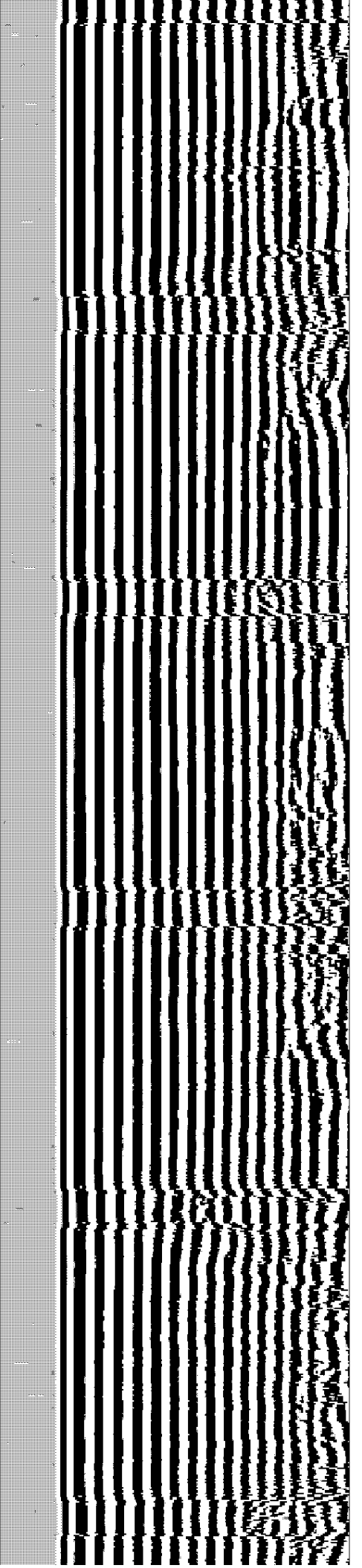
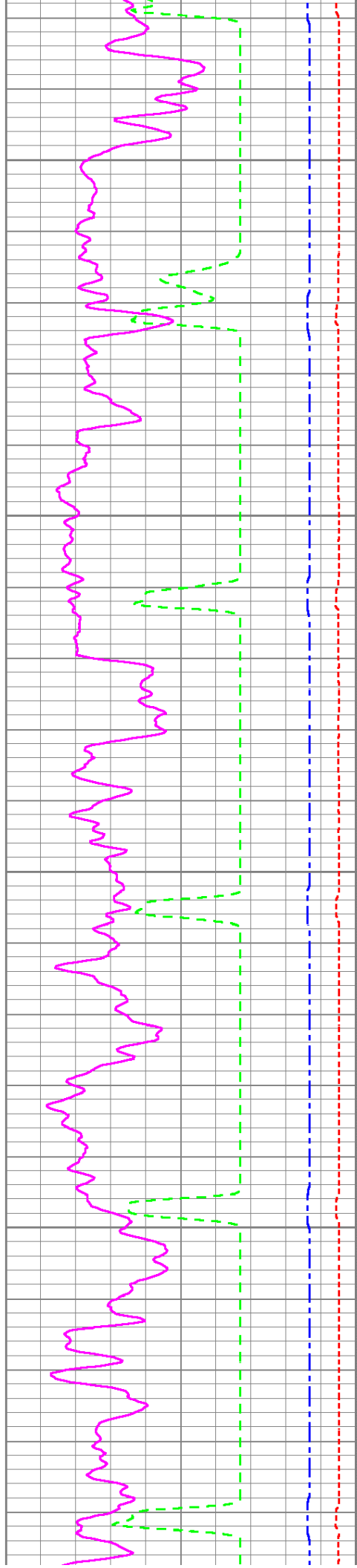


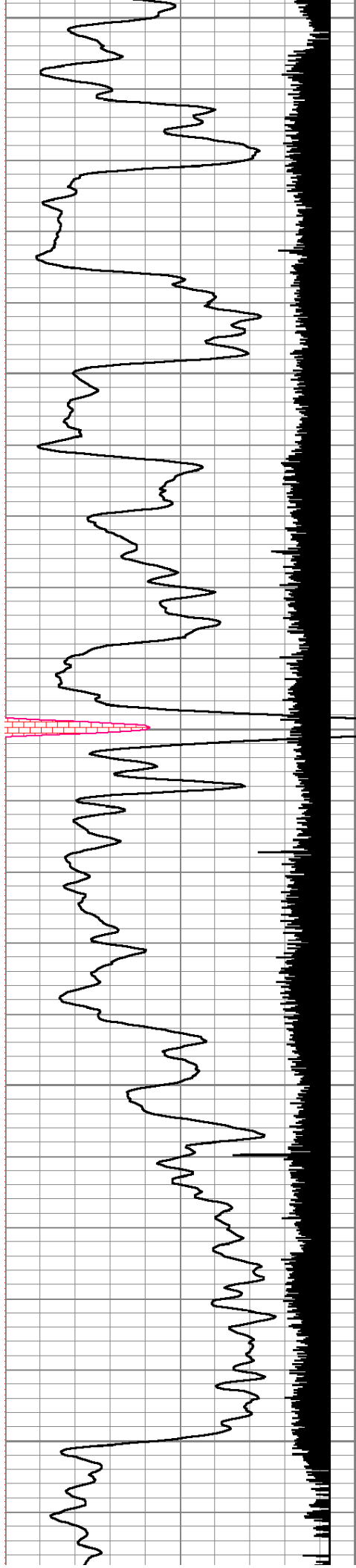
1100

1150

1200

1250





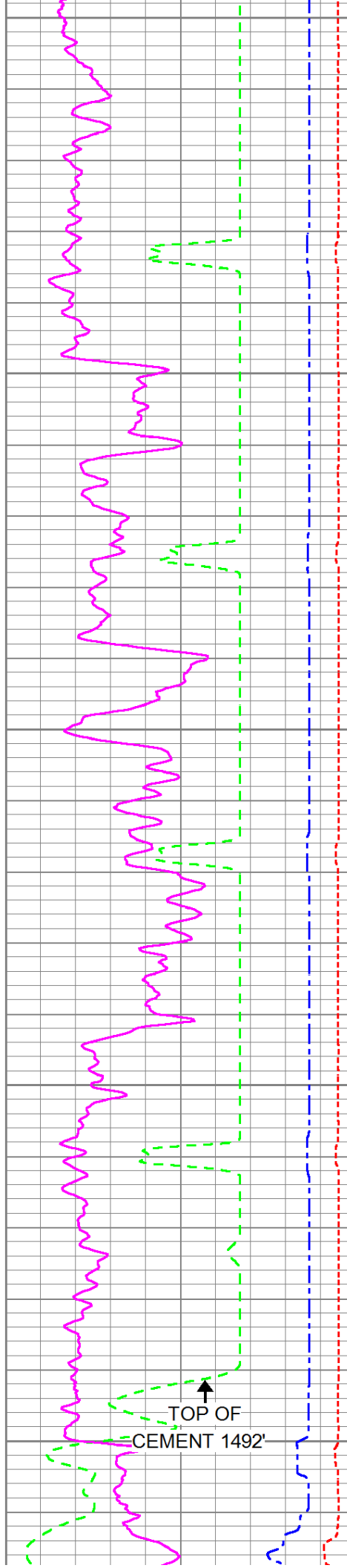
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1350

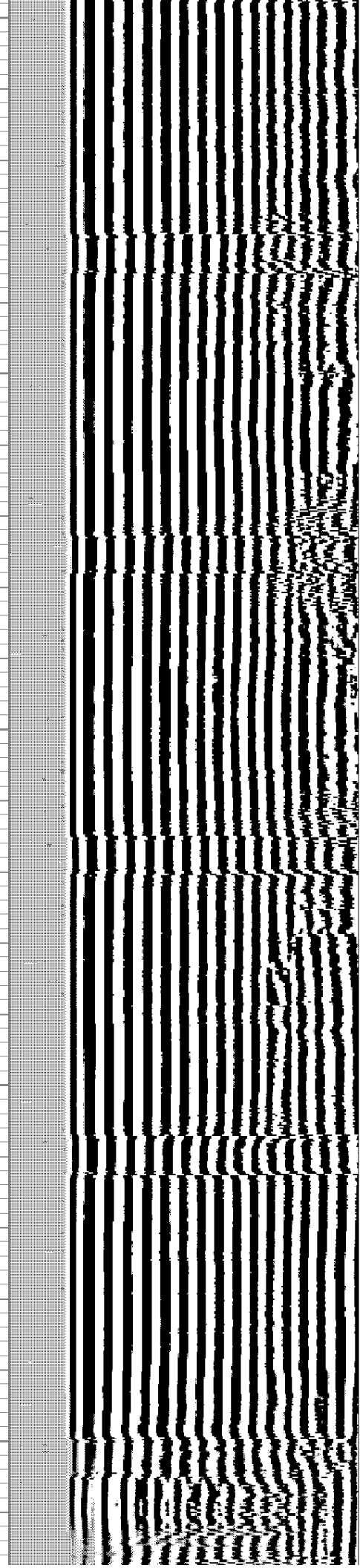
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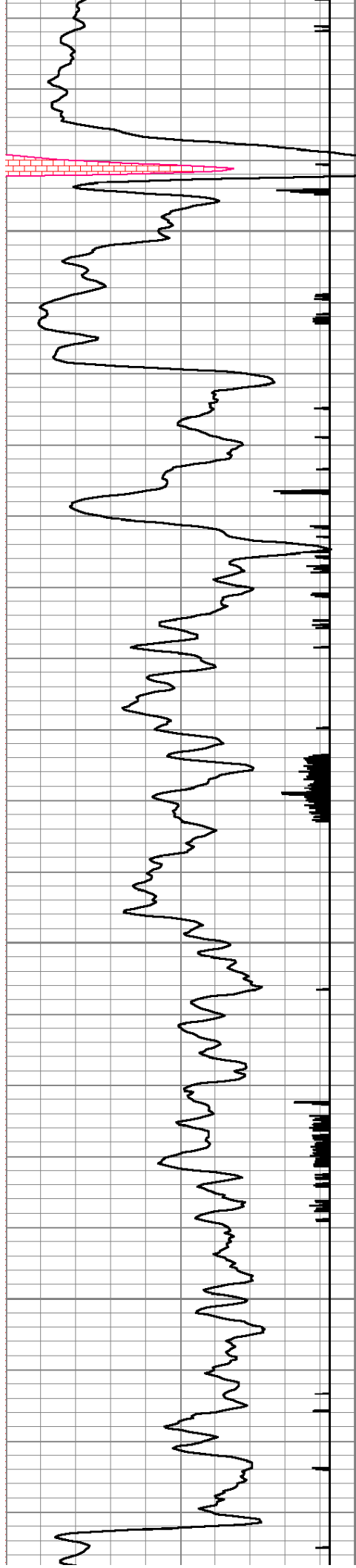
1450

1500



TOP OF
CEMENT 1492'



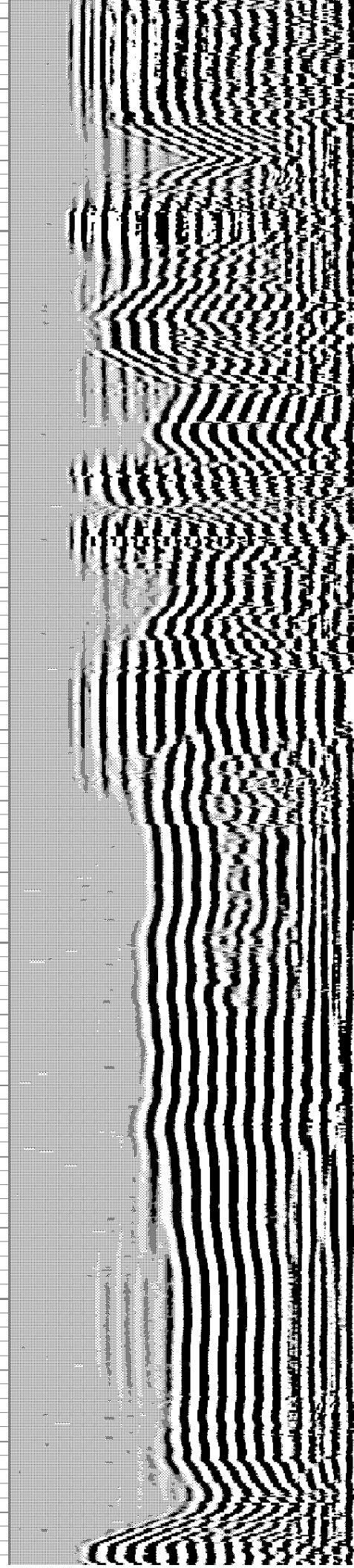
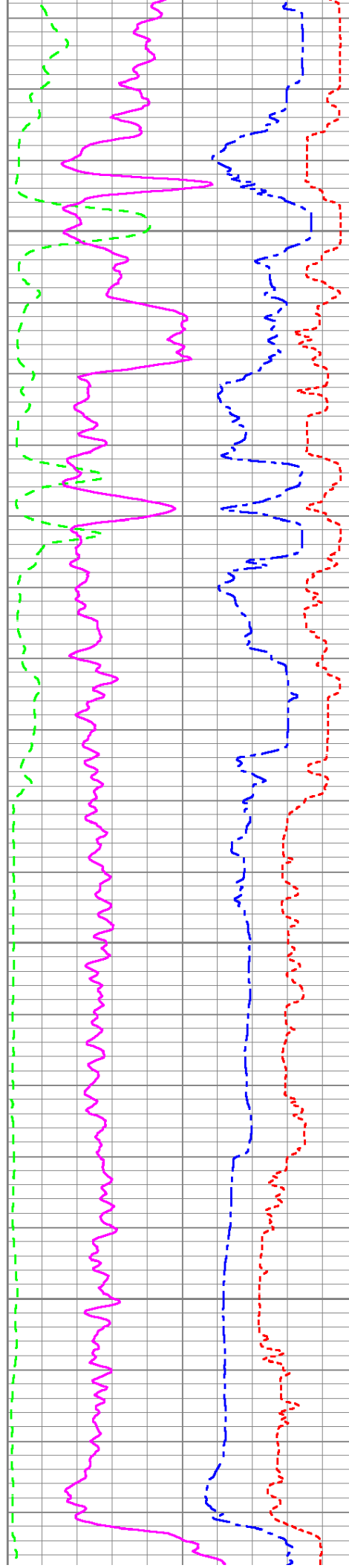


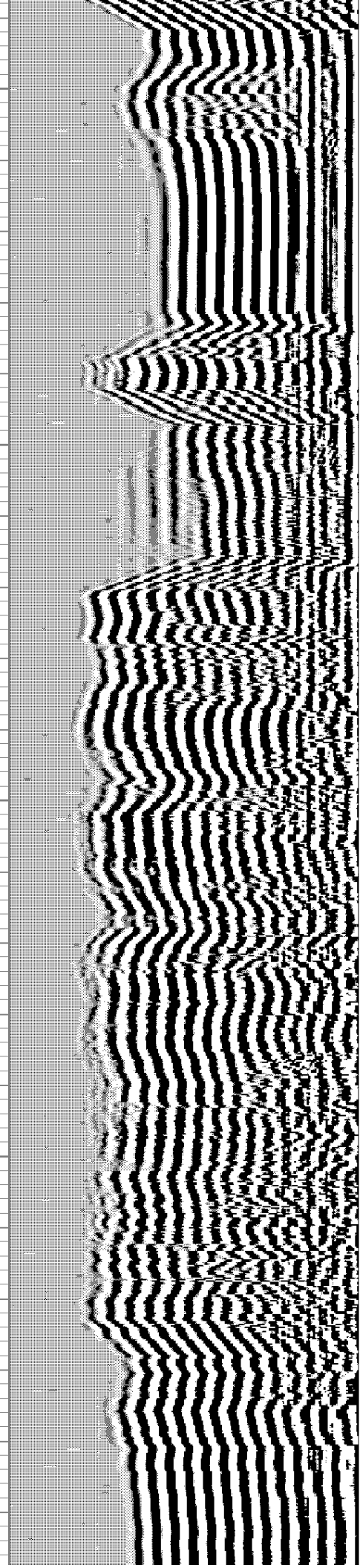
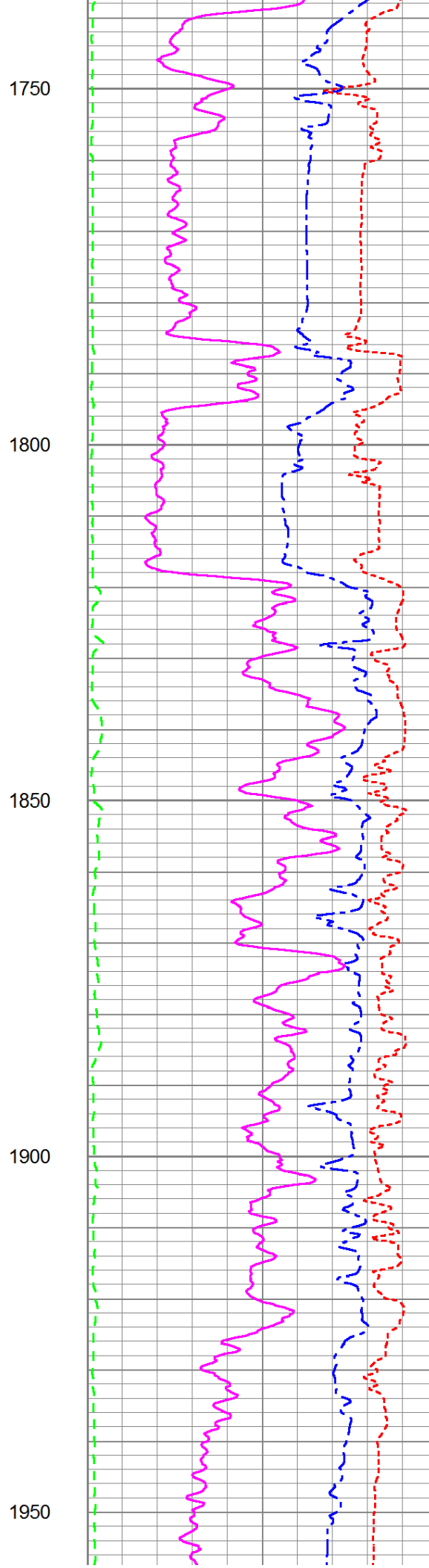
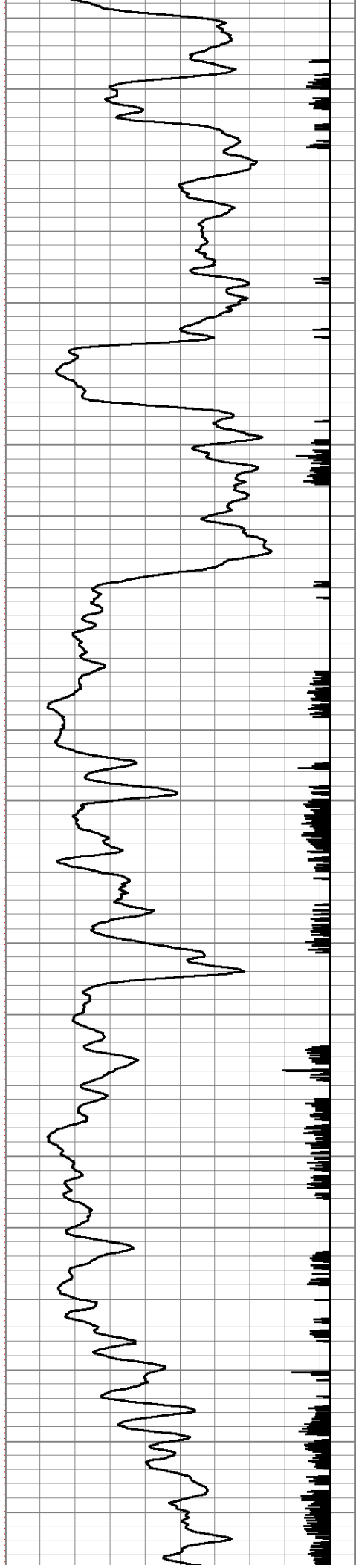
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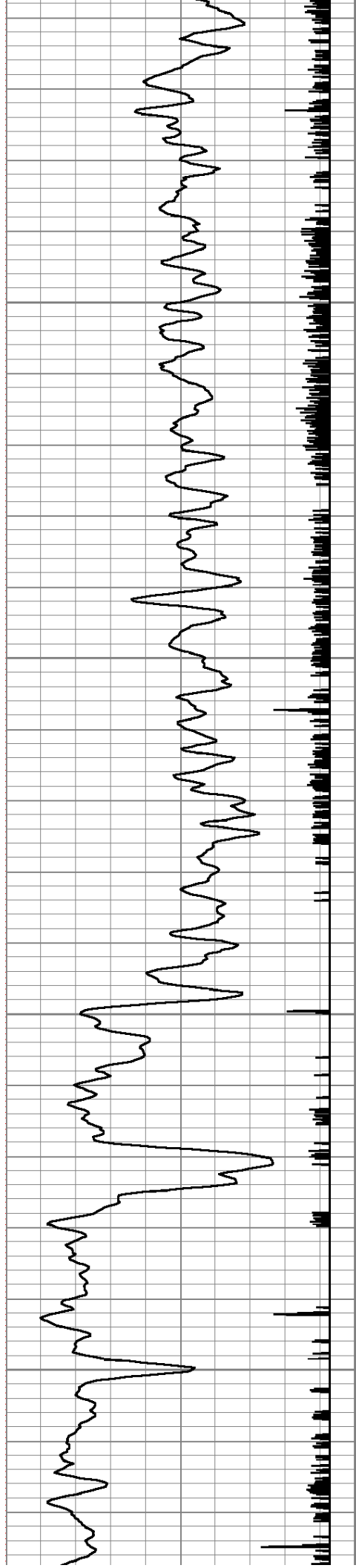
1600

1650

1700





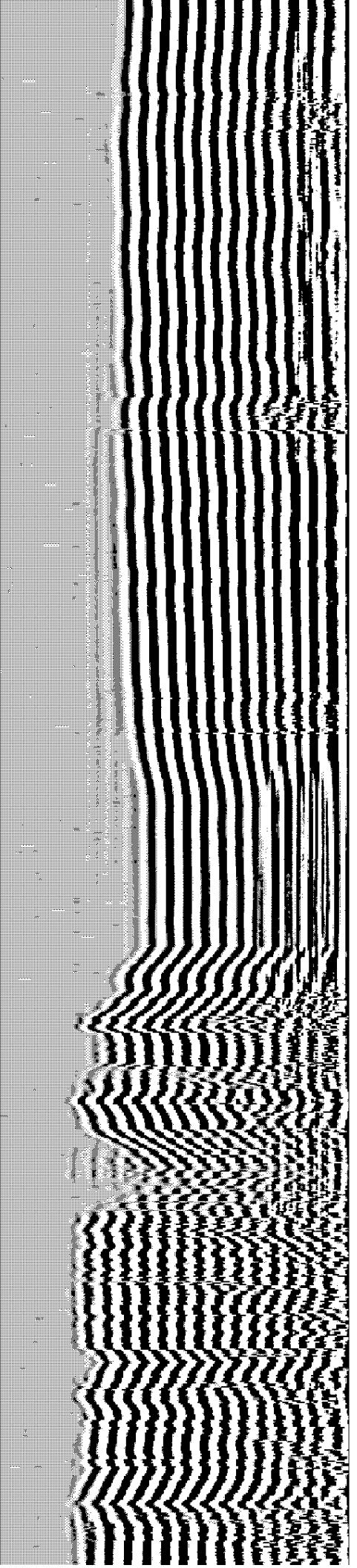
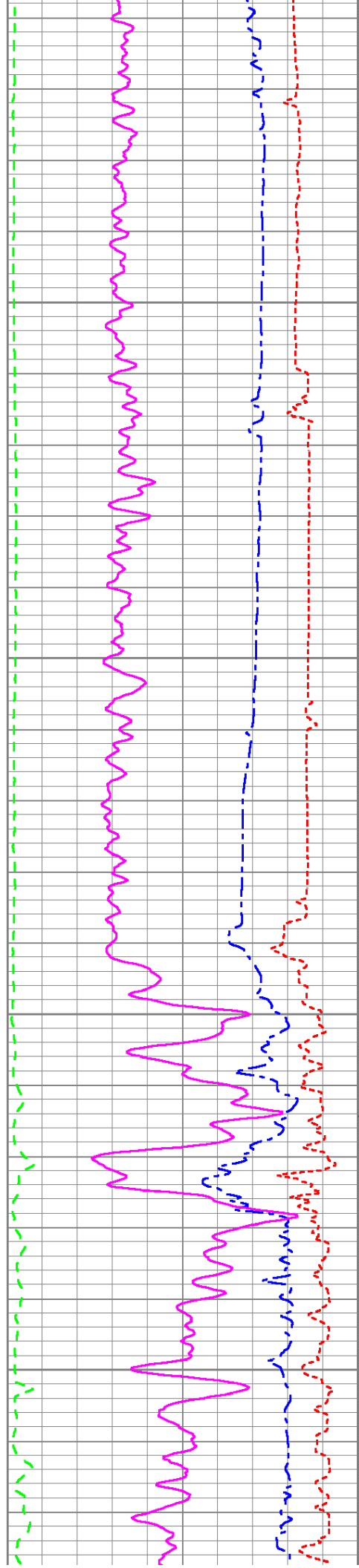


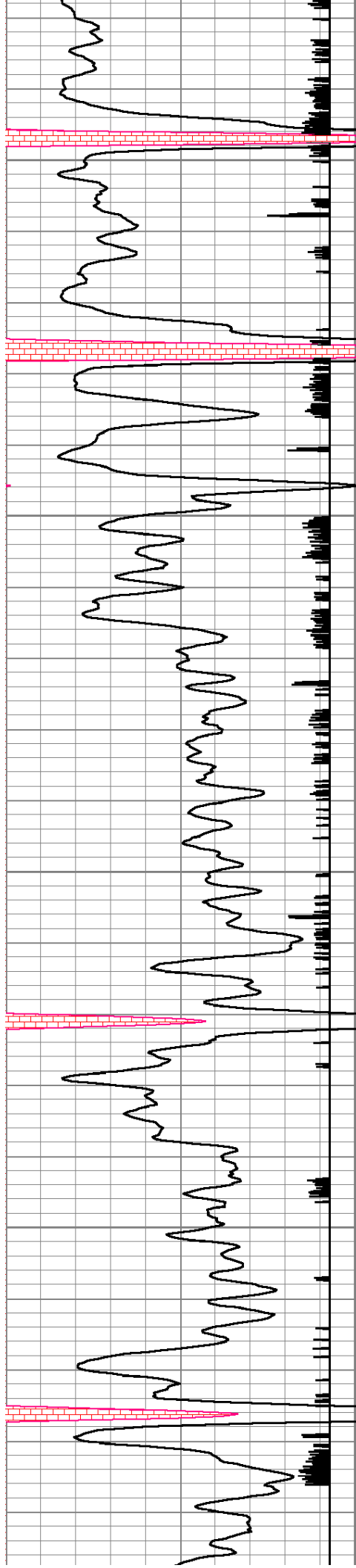
2000

2050

2100

2150



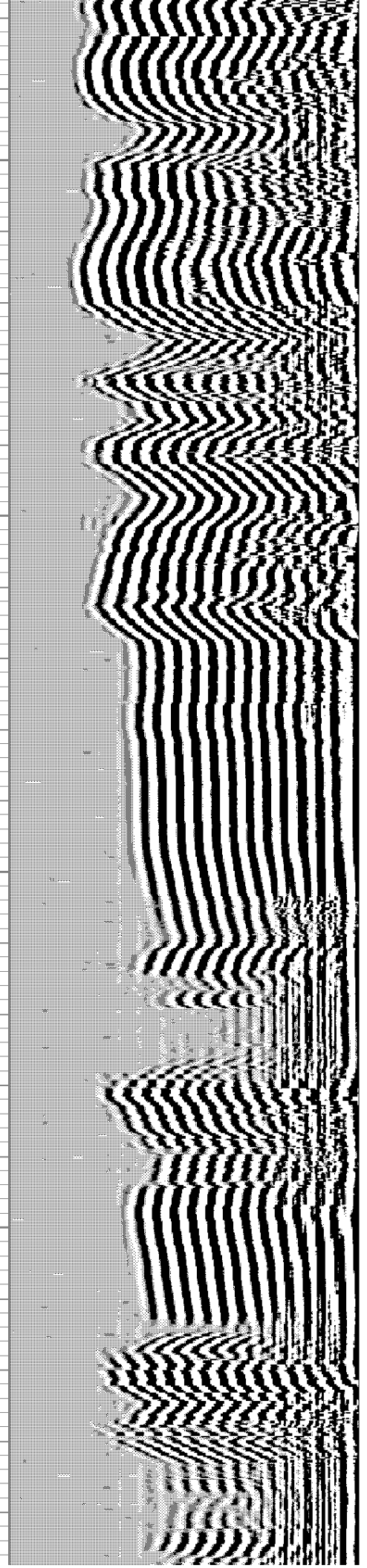
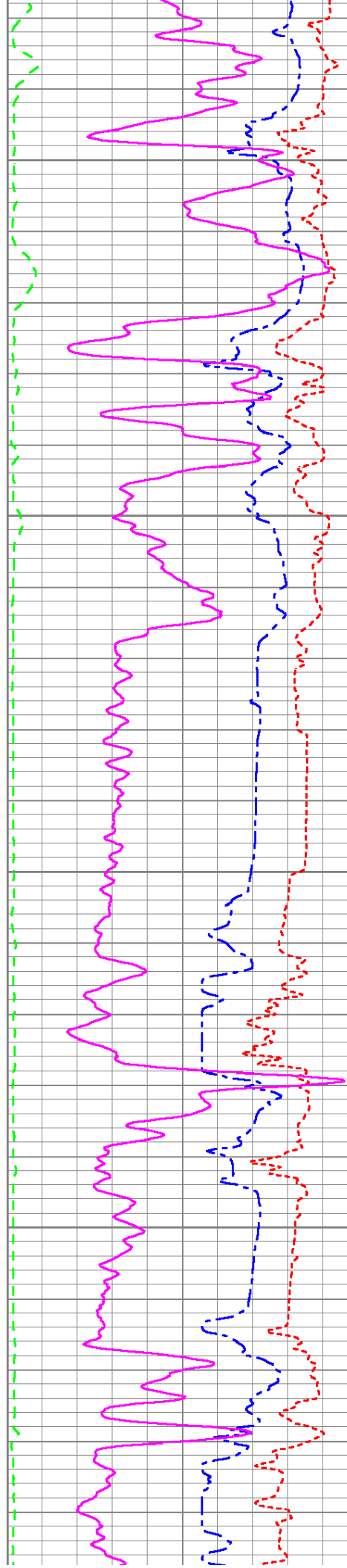


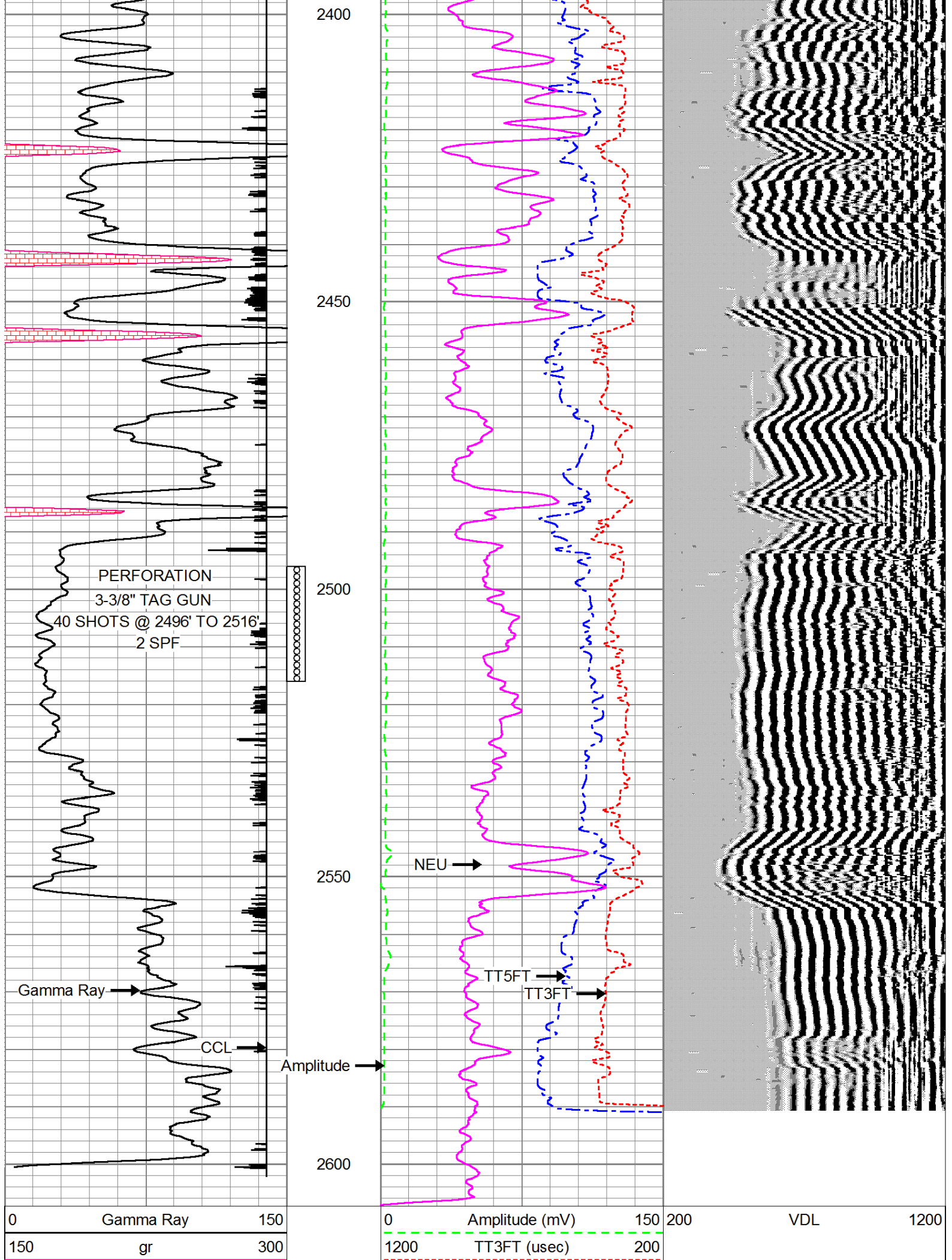
2200

2250

300

350







Company NOBLE PETROLEUM, INC.
Well BUSENITZ #1
Field PLUM GROVE
County BUTLER SEC. 24 TWP. 24S RGE. 4E
State KANSAS Date 9-25-2014