



CEMENT BOND LOG GAMMA RAY / CCL

Company ORION ENERGY PARTNERS
Well KOKOPELLI FED 18 - 213D
Field KOKOPELLI
County GARFIELD
State COLORADO

Company ORION ENERGY PARTNERS
Well KOKOPELLI FED 18 - 213D
Field KOKOPELLI
County GARFIELD State COLORADO

Location: SEC. 18, T8S-R91W
SHL: SMSW 717' FSL & 1946' FEL
BHL: SMSW 900' FSL & 1980' FVWL
SEC. 18 TWP. 8S RGE. 91W
Permanent Datum GROUND LEVEL Elevation 5921'
Log Measured From KELLY BUSHING=17'
Drilling Measured From KELLY BUSHING=17'
Other Services
NONE
Elevation
K.B. 5938'
D.F. 5937'
G.L. 5921'

Date 11-NOV-2008

Run Number	ONE		
Depth Driller	7440'		
Depth Logger	7368'		
Bottom Logged Interval	7354'		
Top Log Interval	SURFACE		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	8.35#		
Max. Recorded Temp.	202.7 degF		
Estimated Cement Top	200'		
Time Well Ready	ROA		
Time Logger on Bottom	12:00		
Equipment Number	119		
Location	GRAND JCT.		
Recorded By	V.AVILA		
Witnessed By	MR. J. BRADY		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record		Size		Wgt/Ft		Top	Bottom
Surface String							
Prot. String							
Production String		4.5"		11.6#			
Liner							

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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

LOG CORRELATED SCHLUMBERGER PLATFORM EXPRESS LOG DATED 4-OCT-2008
MAX TEMP 202.7 degF

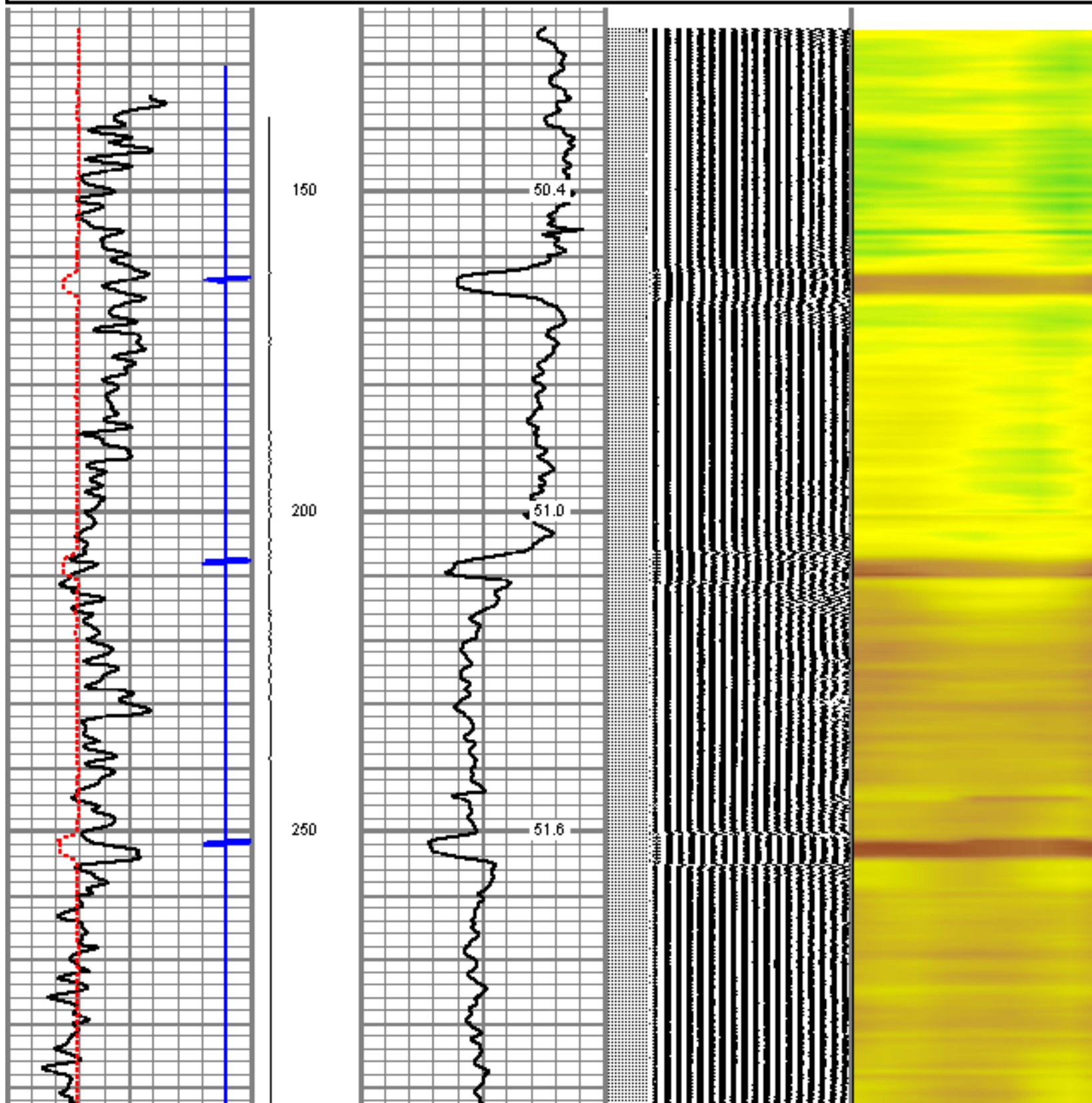
We appreciate your business, Cutters Wireline Group, Grand Junction Co. Mesa(970)257-0458 -

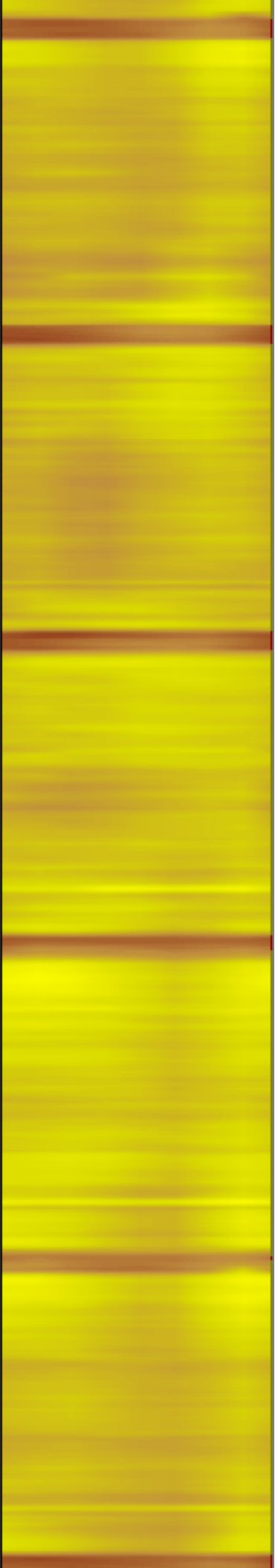
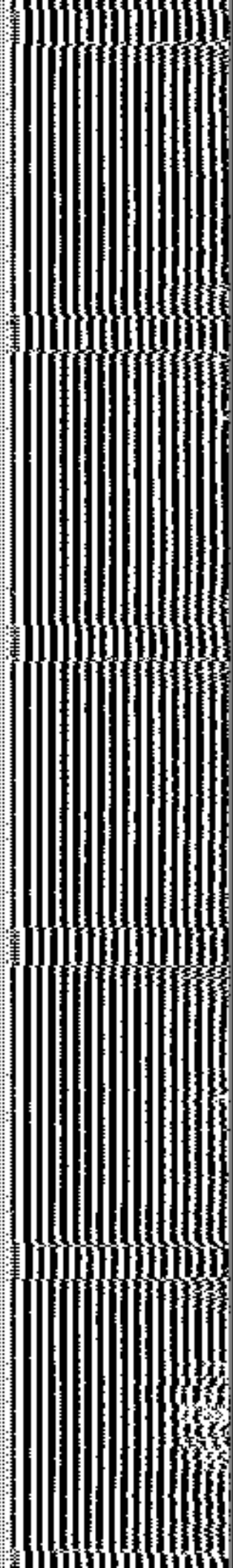
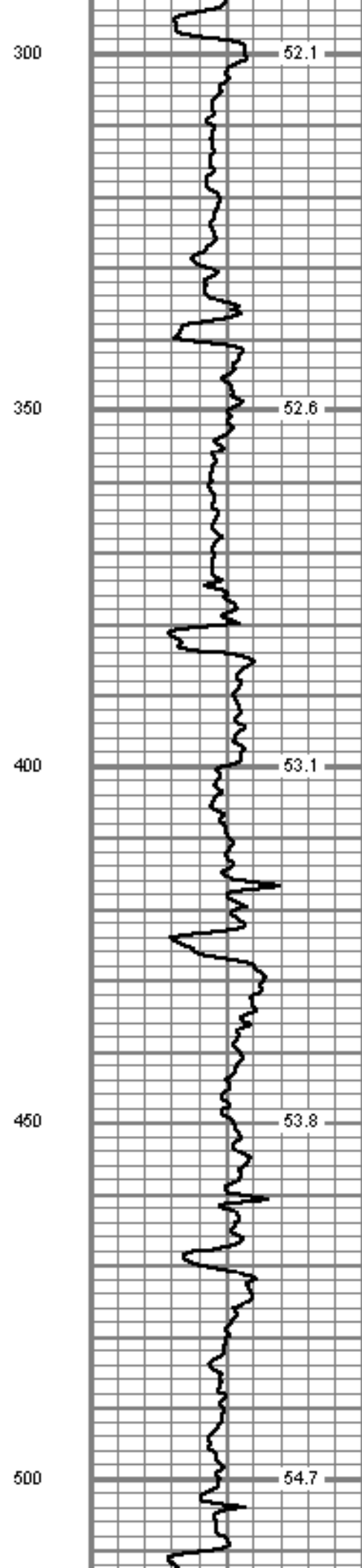
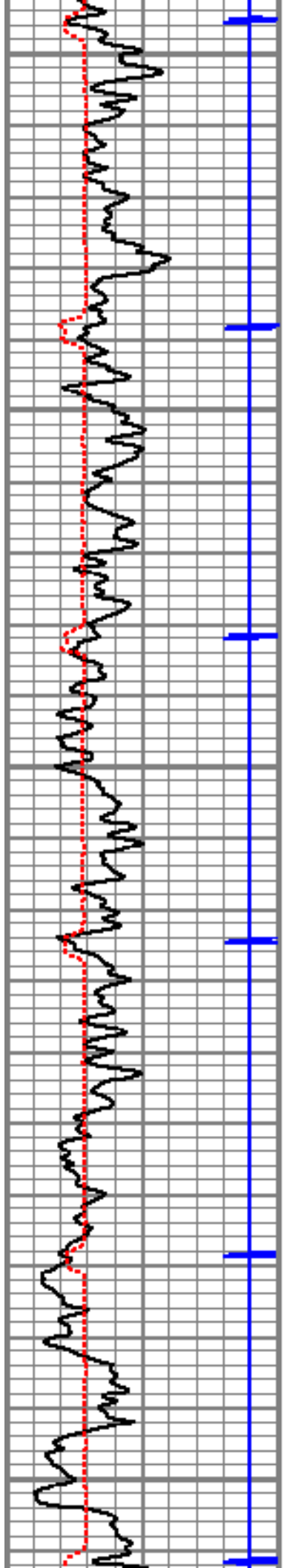


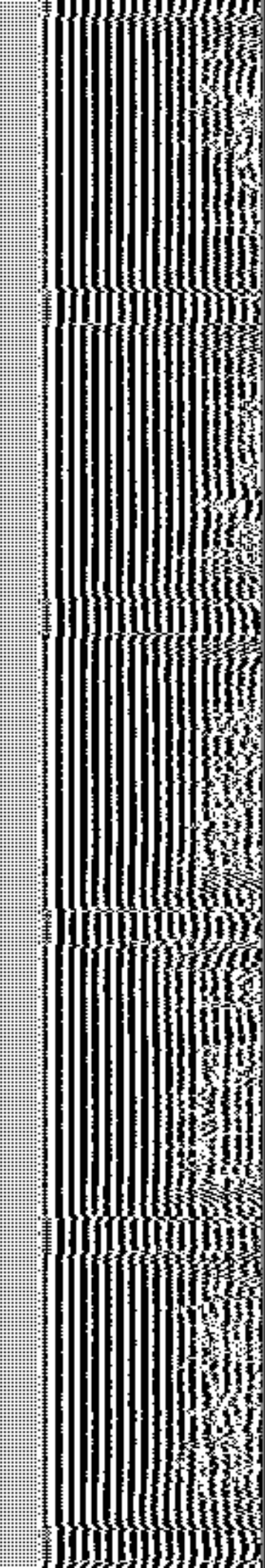
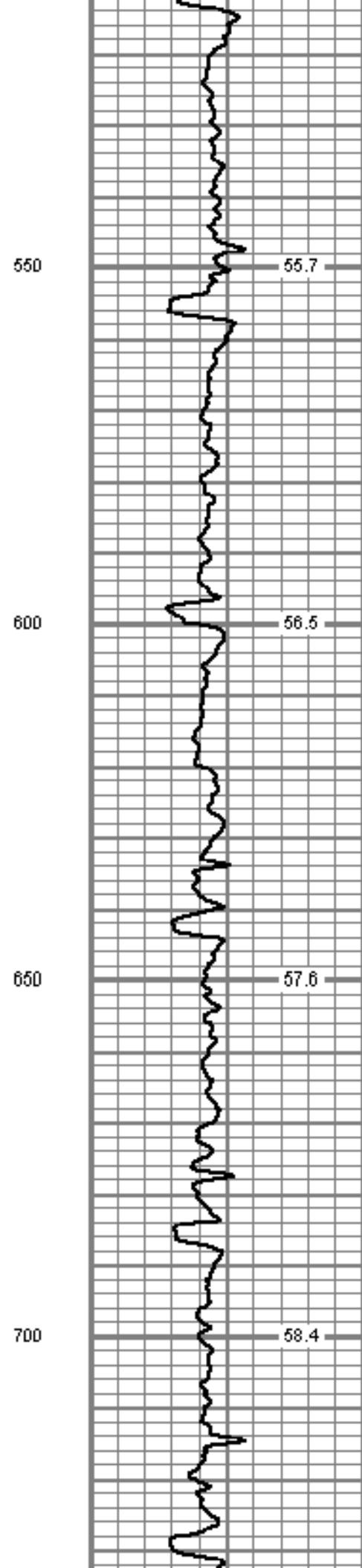
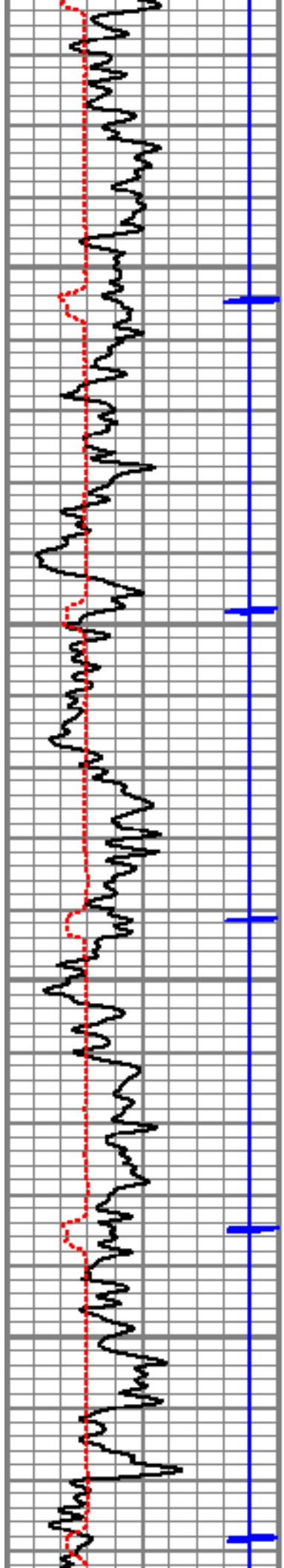
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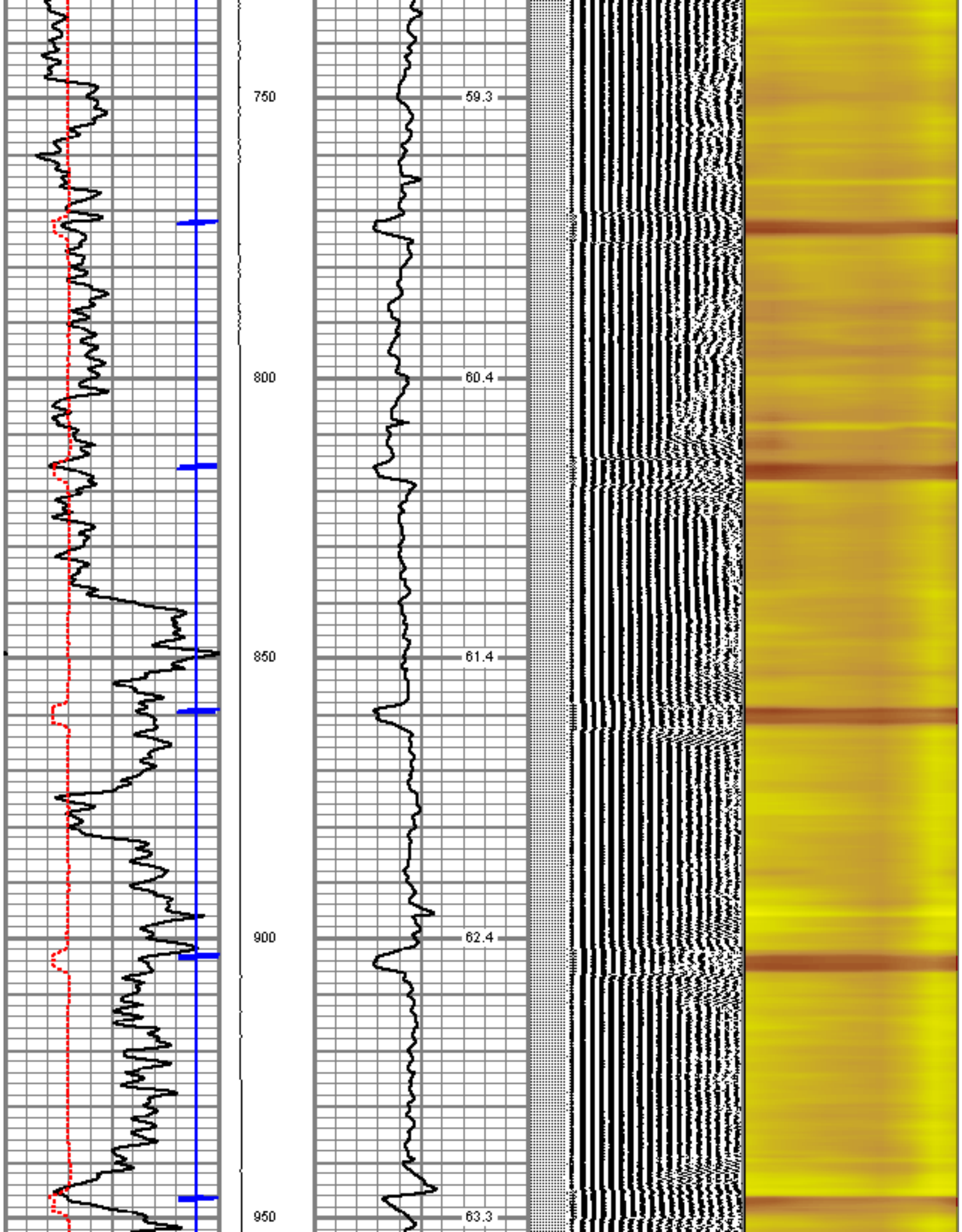
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Presentation Format: lwradial
Dataset Creation: Wed Nov 12 16:23:47 2008
Charted by: Depth in Feet scaled 1:240

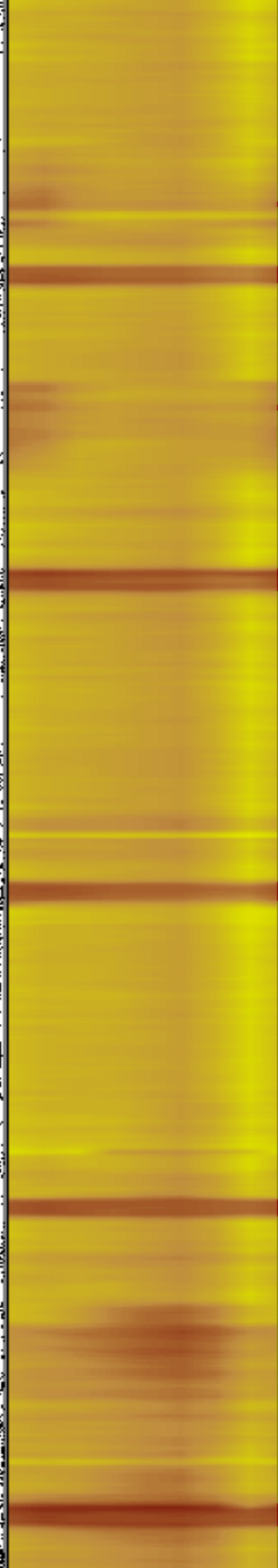
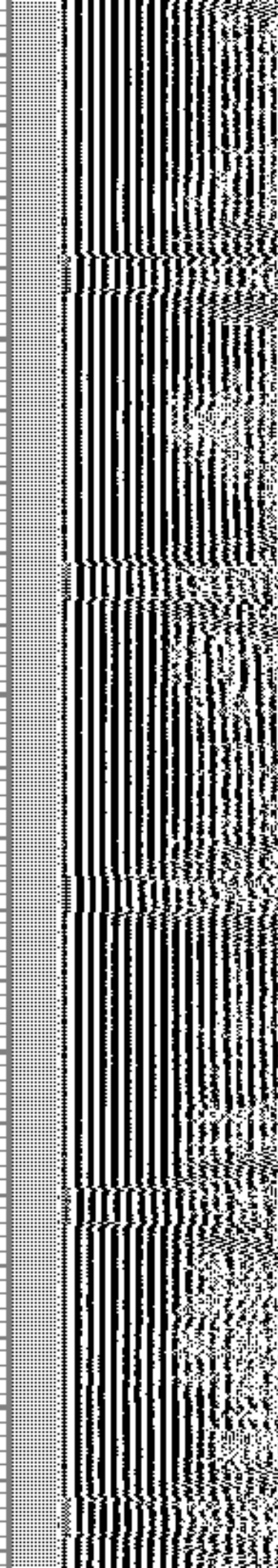
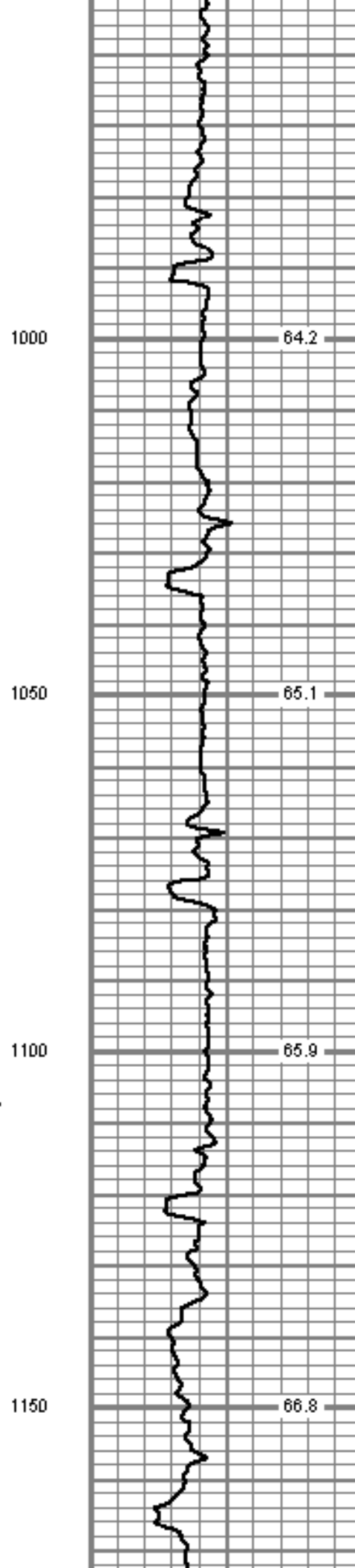
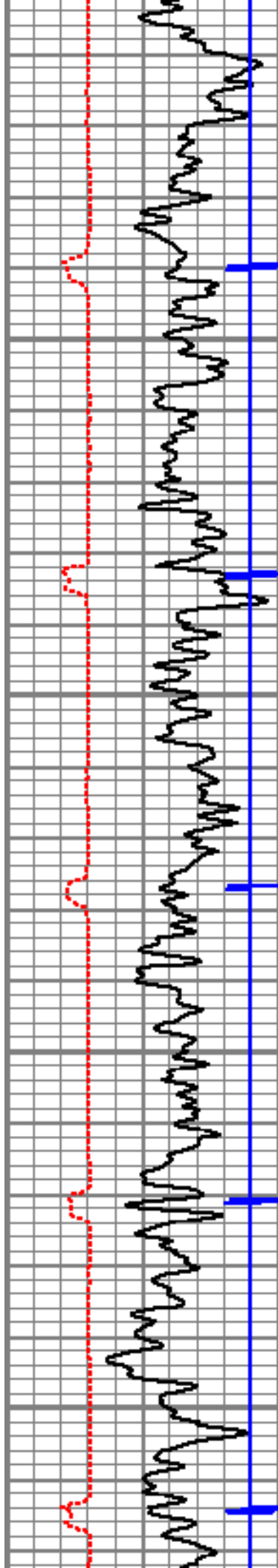
0	GAMMA RAY (GAPI)	150		LTEN	0	AMP3 (mV)	100	200	VARIABLE DENSITY	1200	1	CEMENT MAP	8
-9	CCL	1	0	(lb) 2000	0	AMPx5 (mV)	20				-5		95
300	TT3FT (usec)	200					TBMP (degF)						

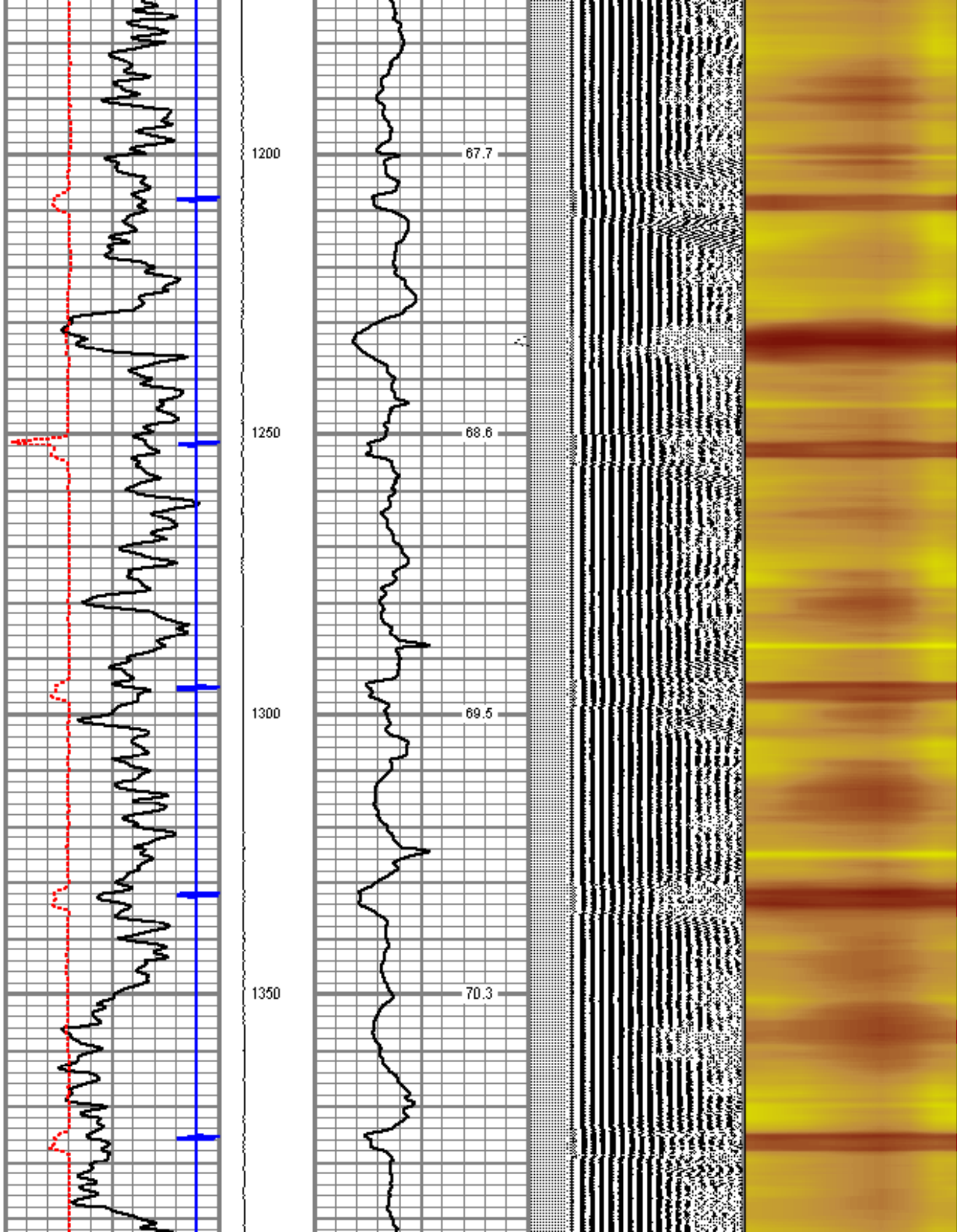


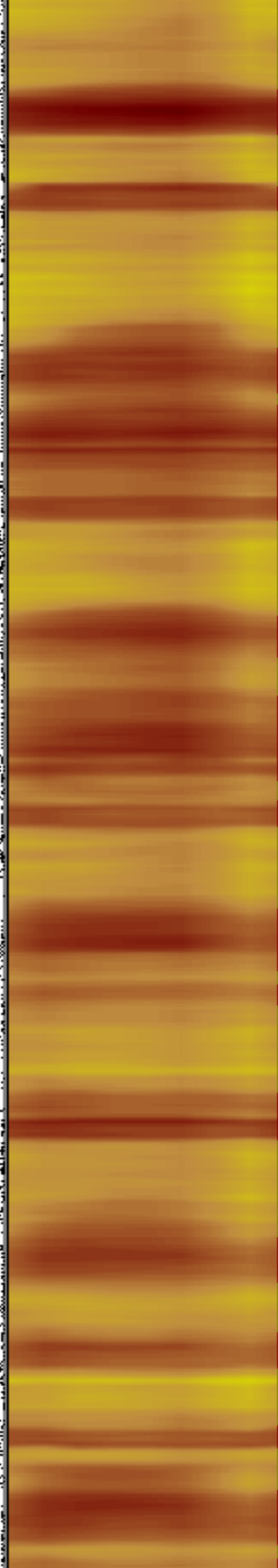
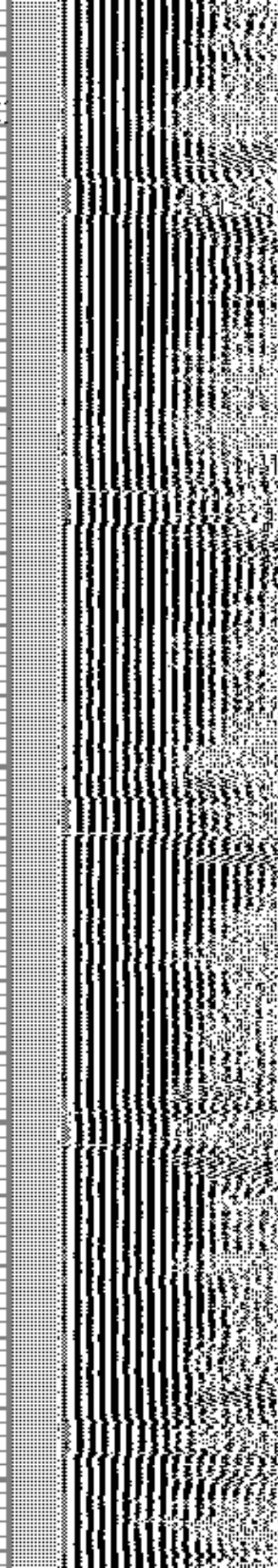
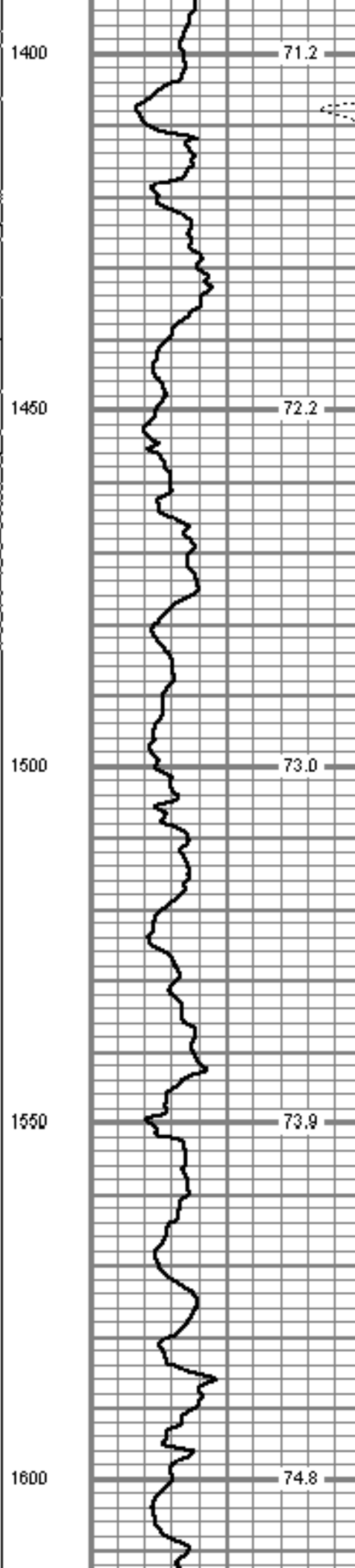
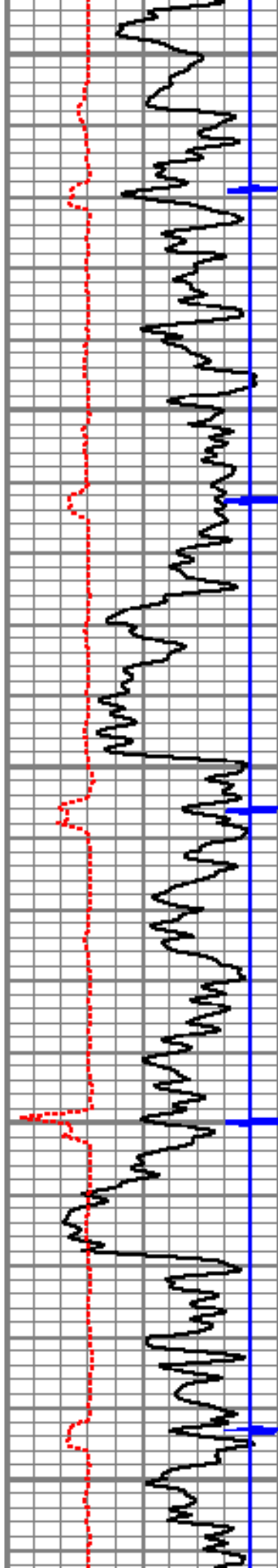


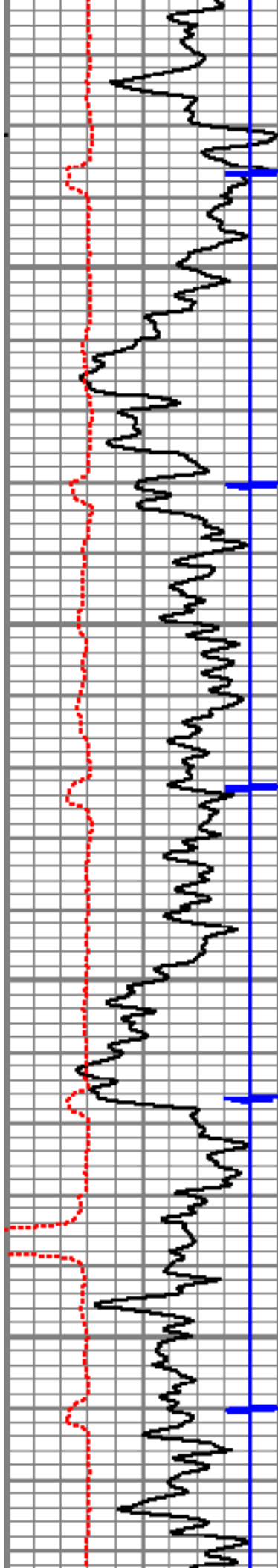










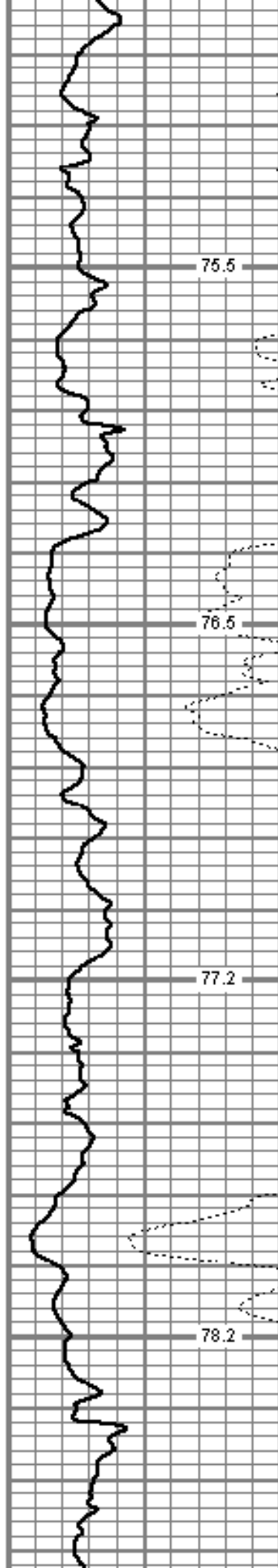


1650

1700

1750

1800

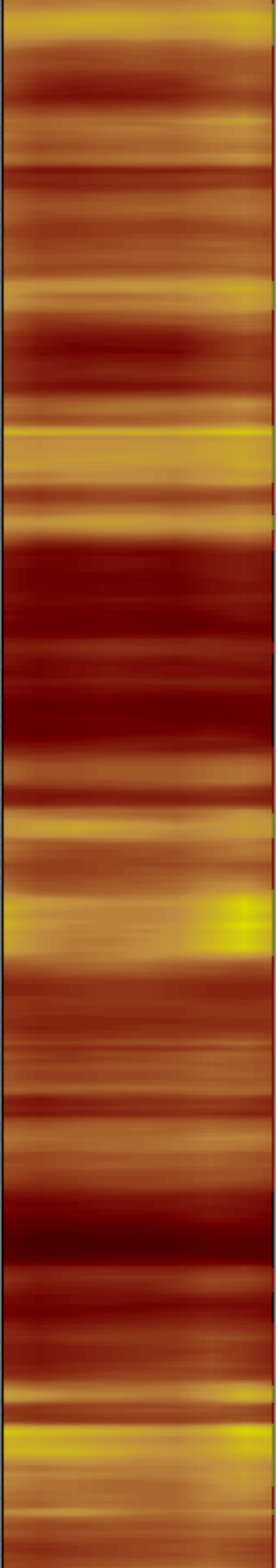
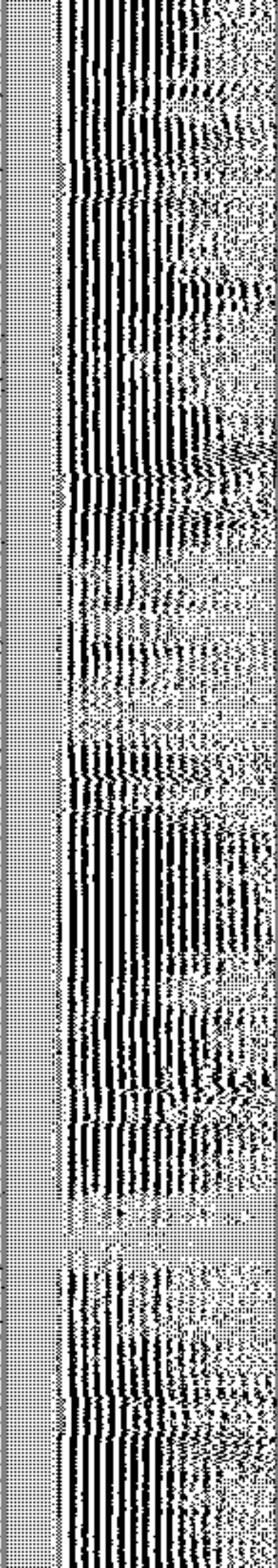


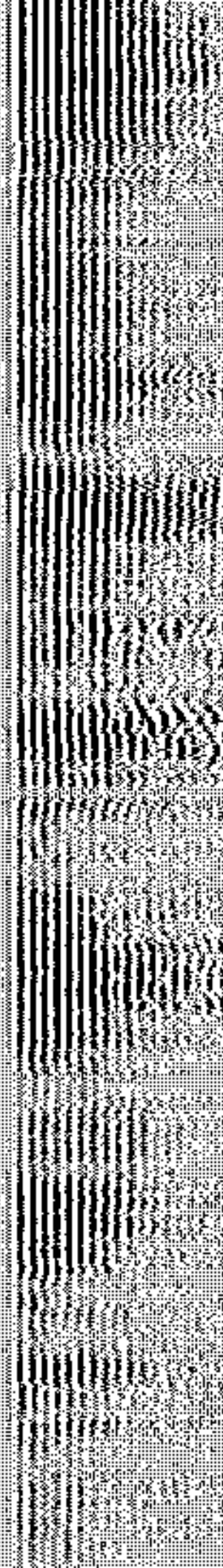
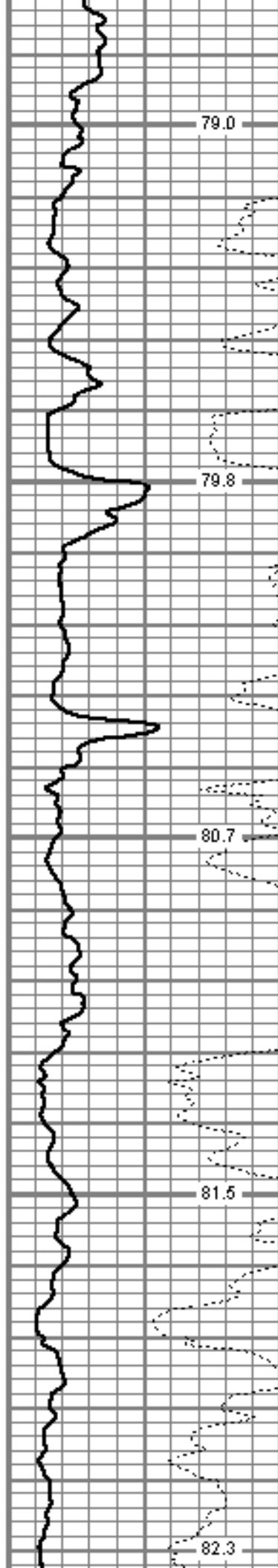
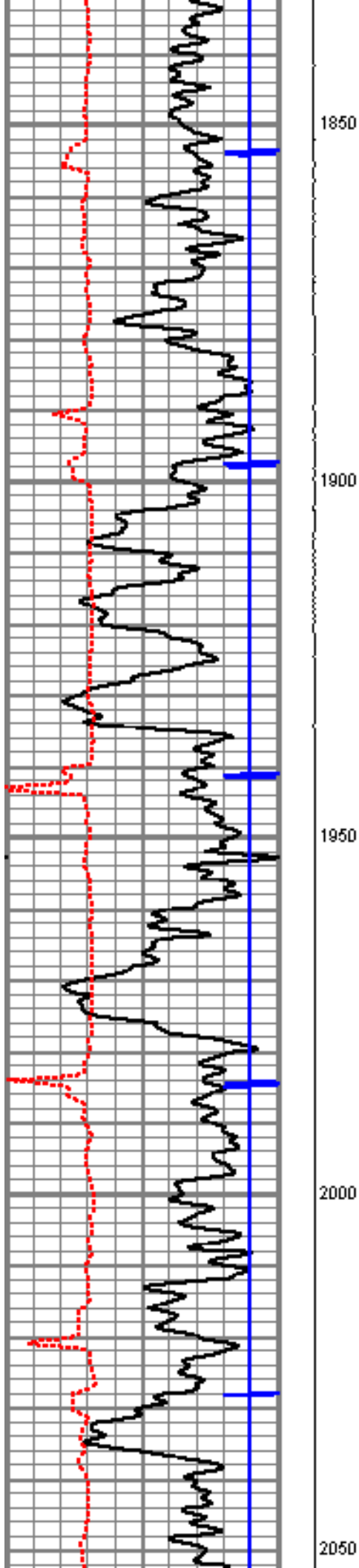
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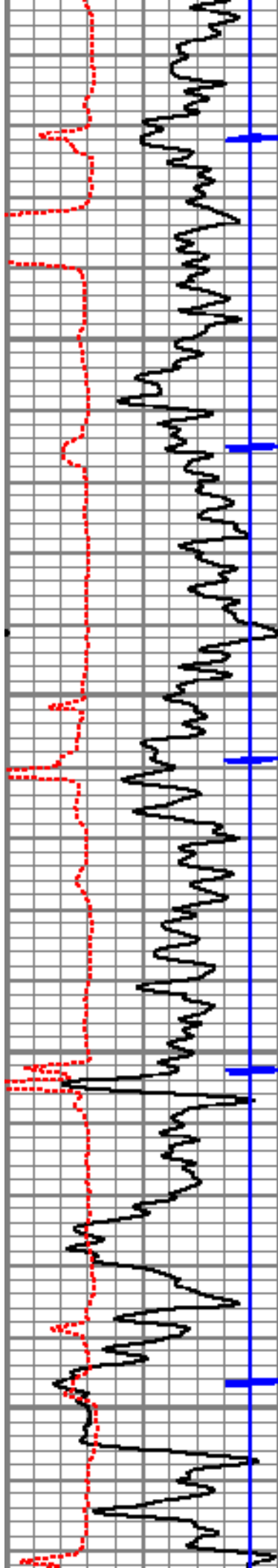
76.5

77.2

78.2





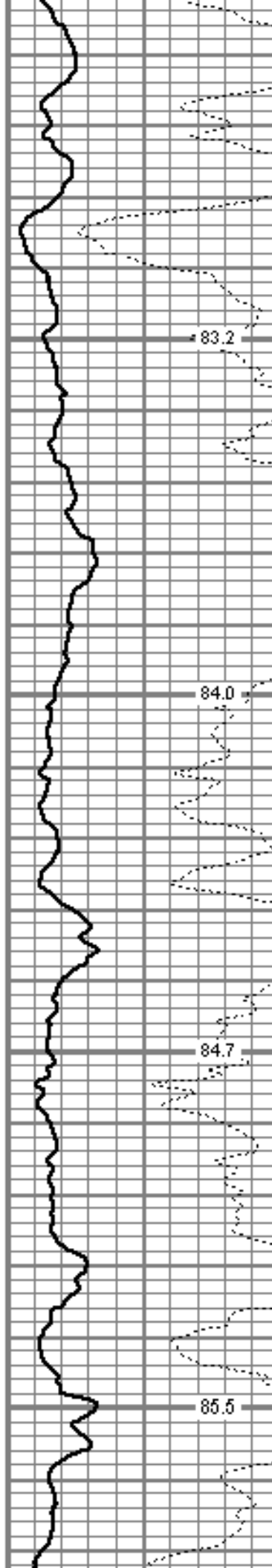


2100

2150

2200

2250

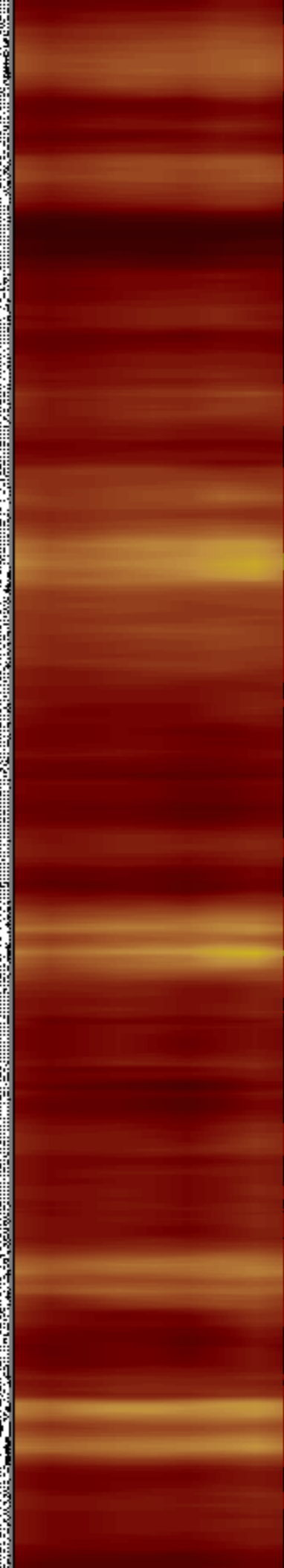


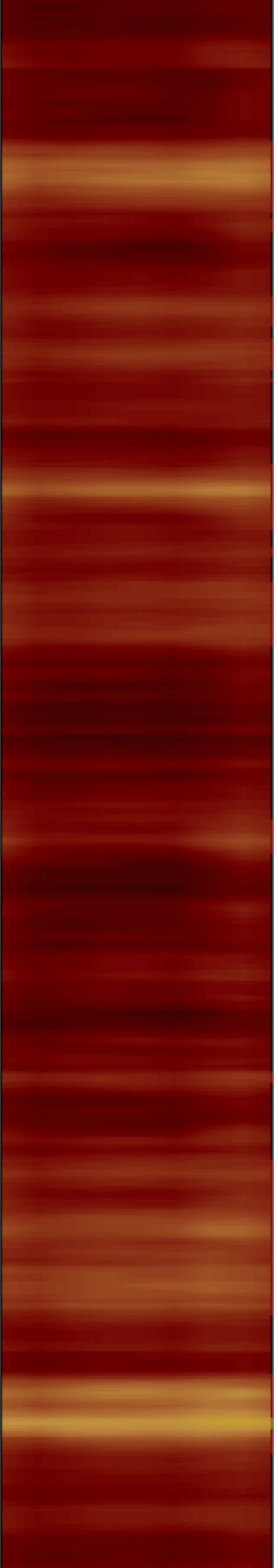
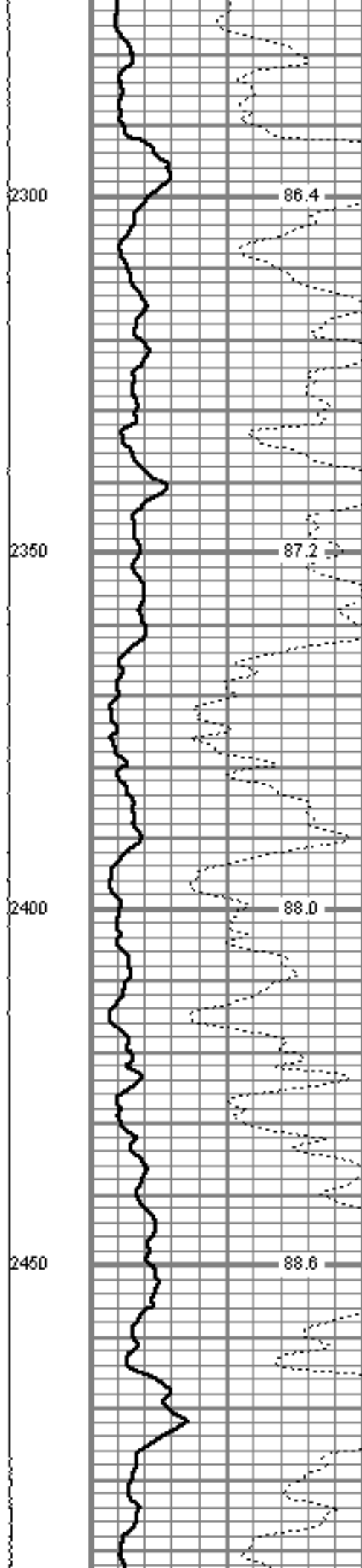
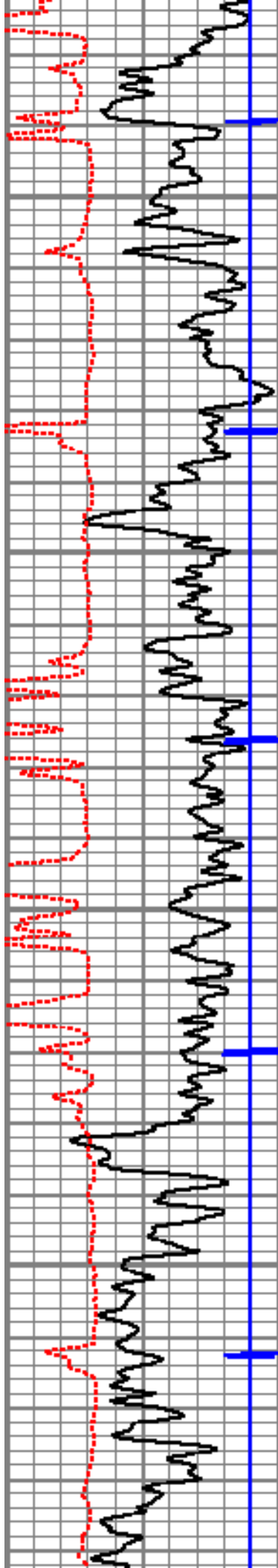
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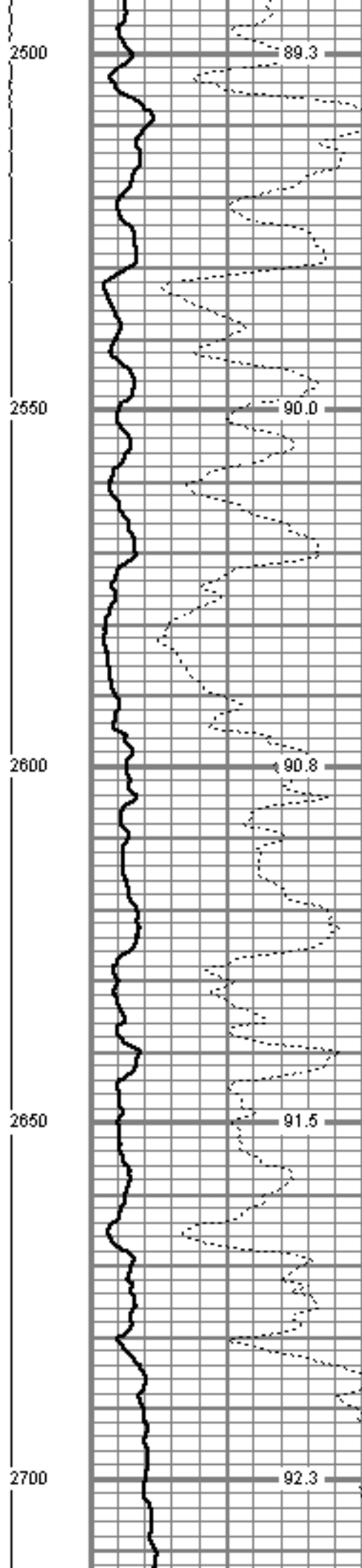
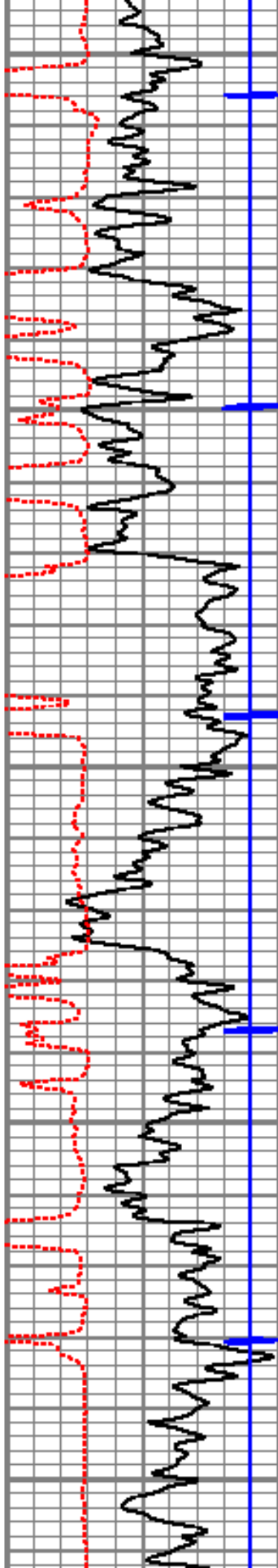
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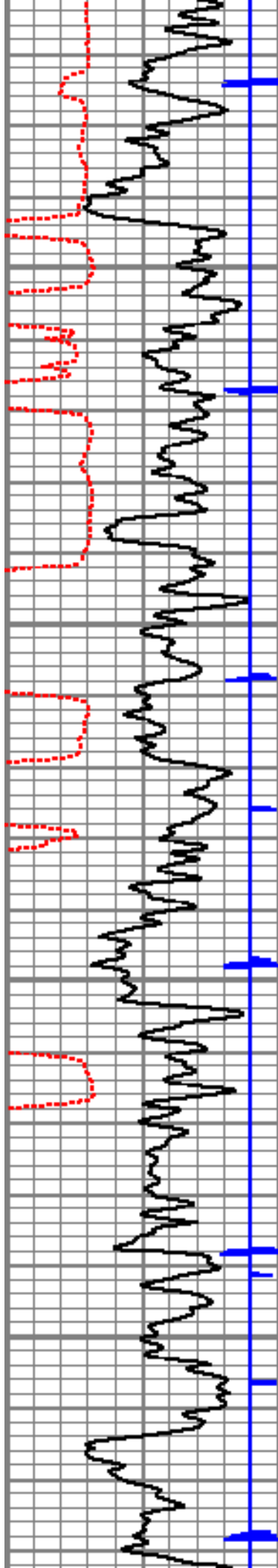
84.7

85.5







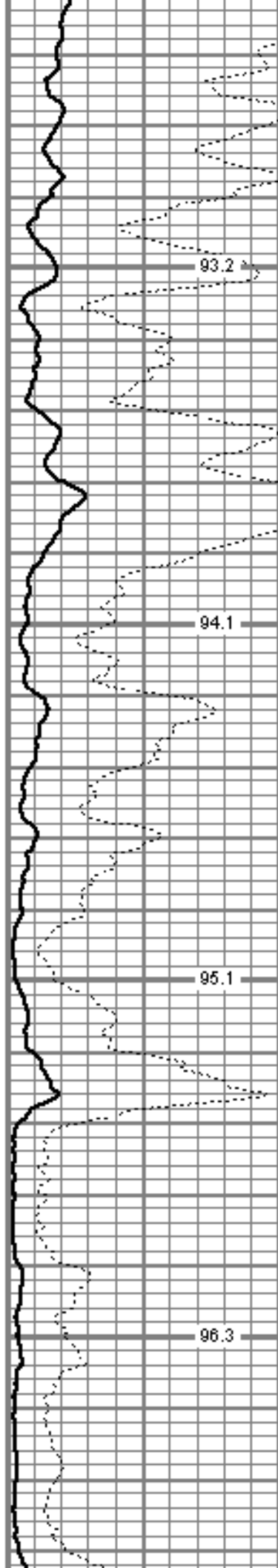


2750

2800

2850

2900



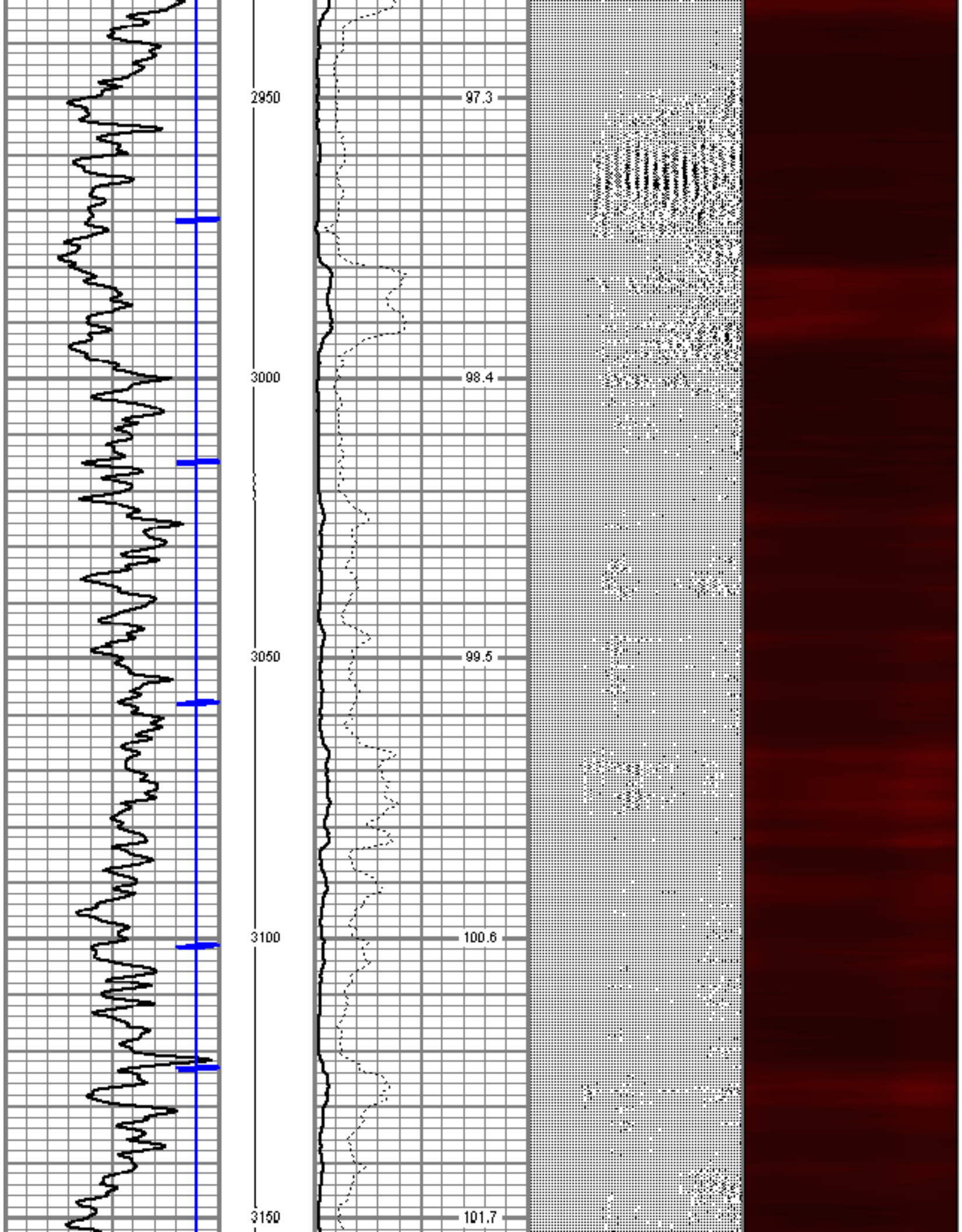
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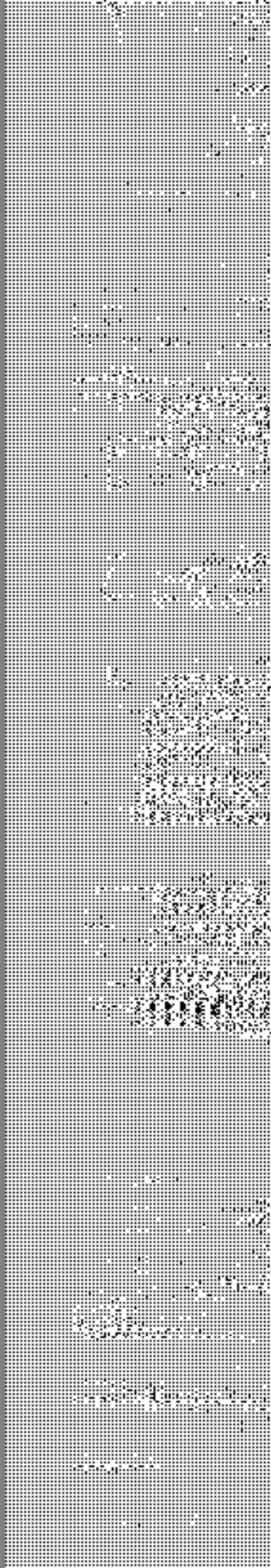
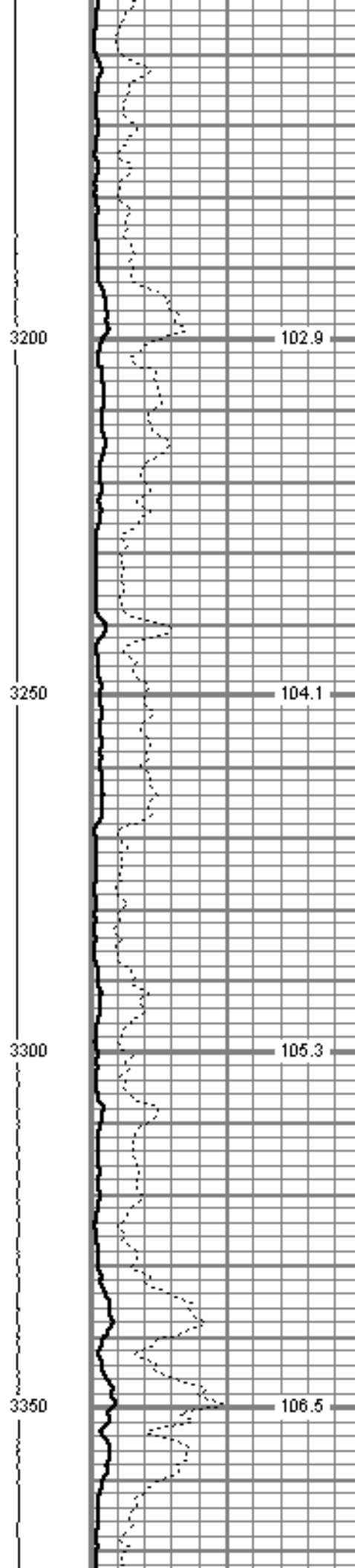
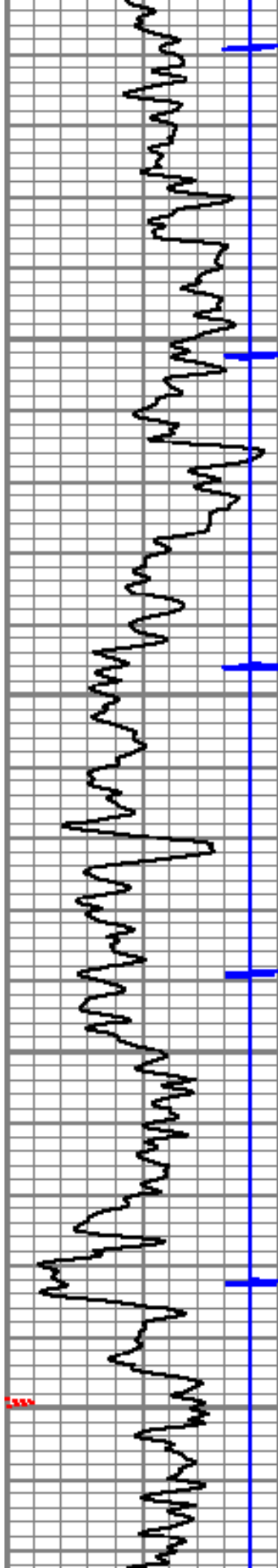
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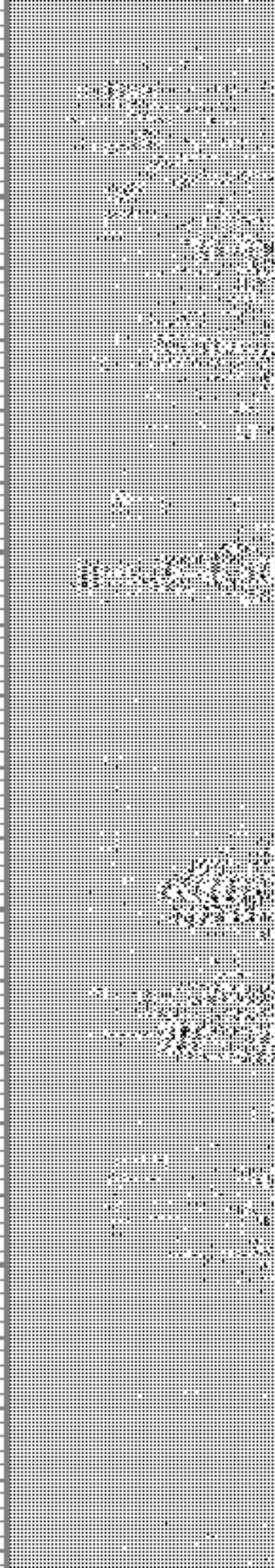
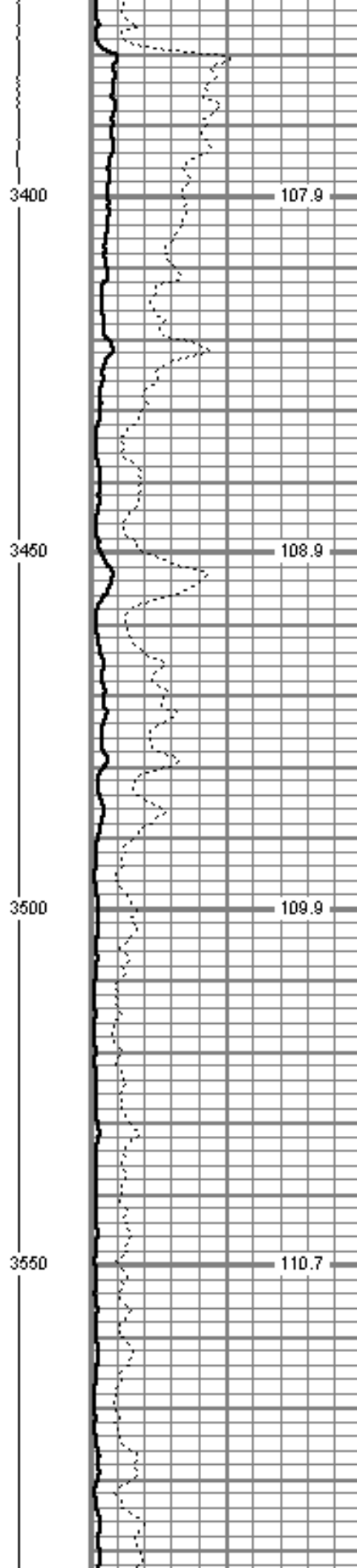
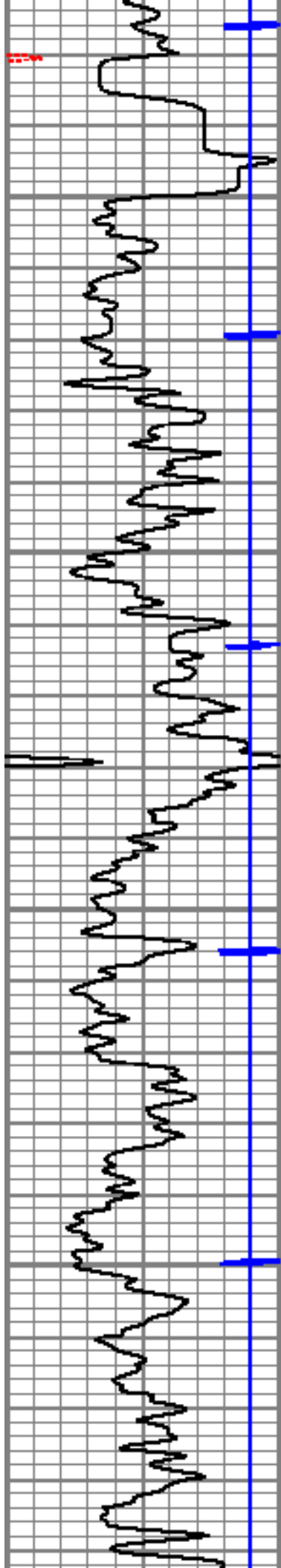
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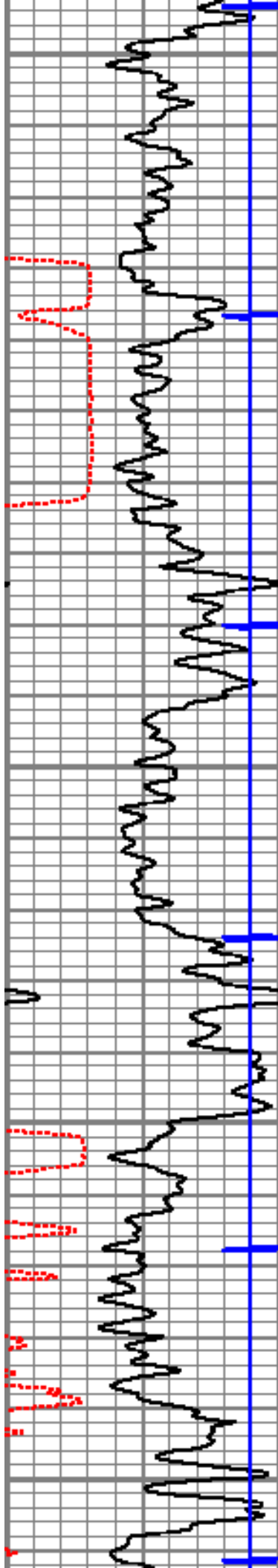
96.3











3600

111.6

3650

112.3

3700

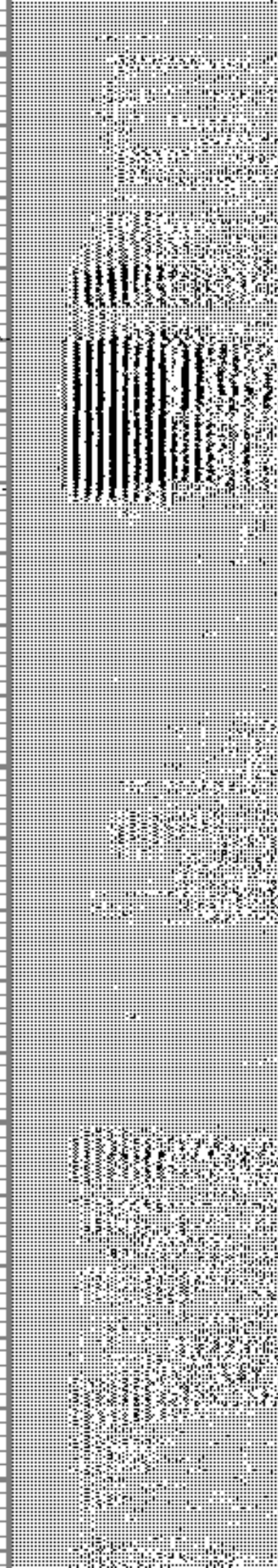
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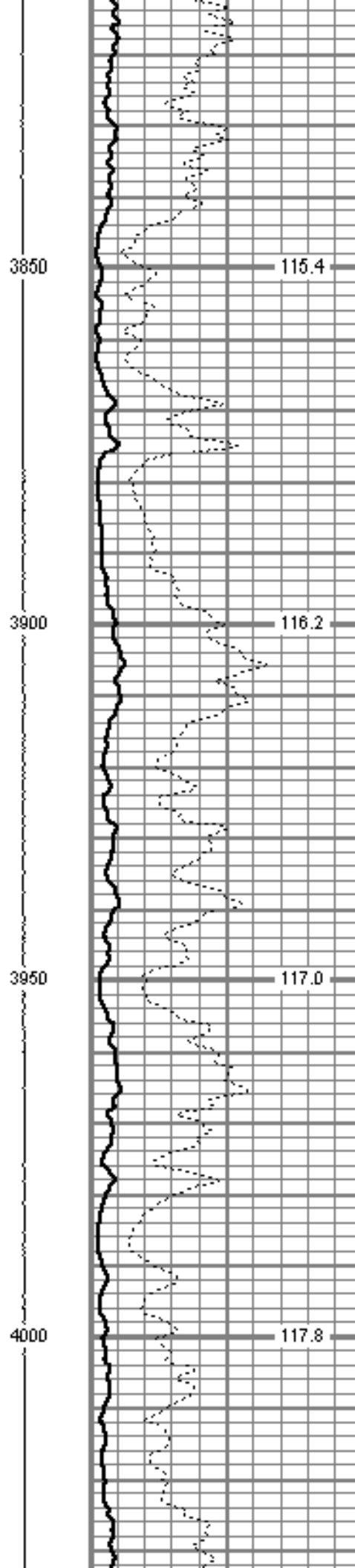
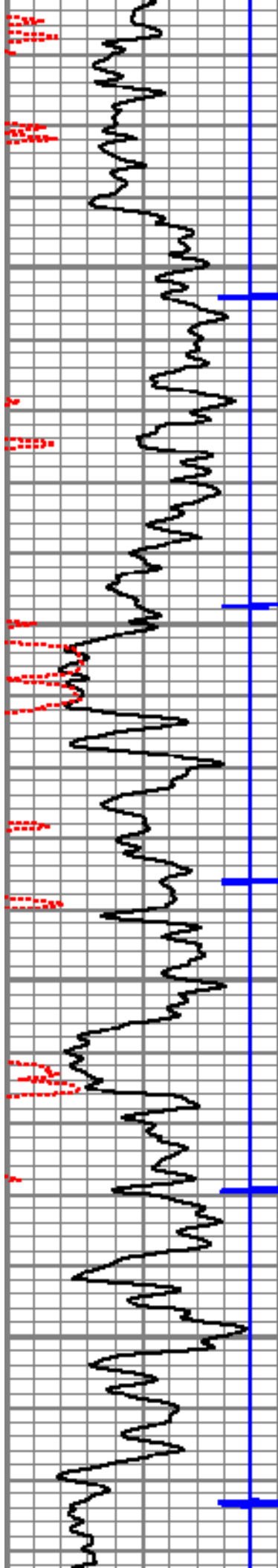
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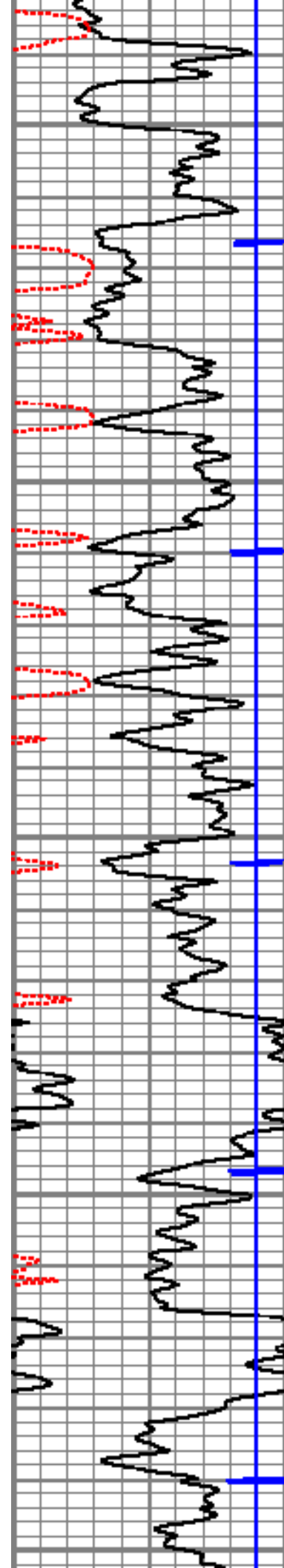
113.9

3800

114.6







4050

4100

4150

4200

4250

118.6

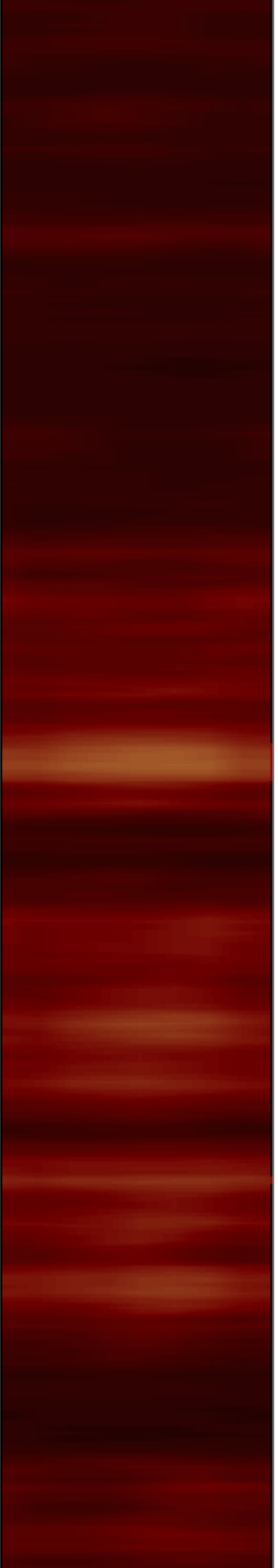
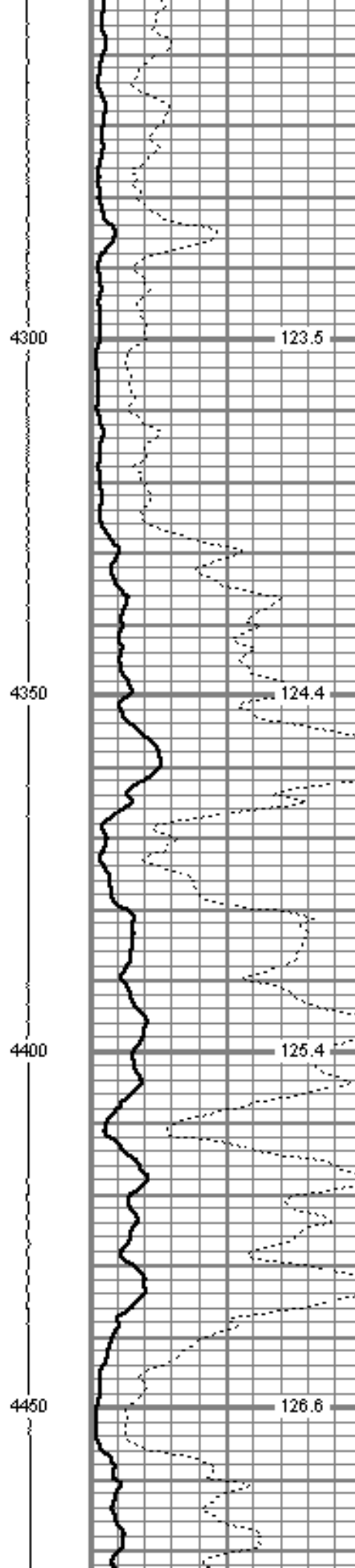
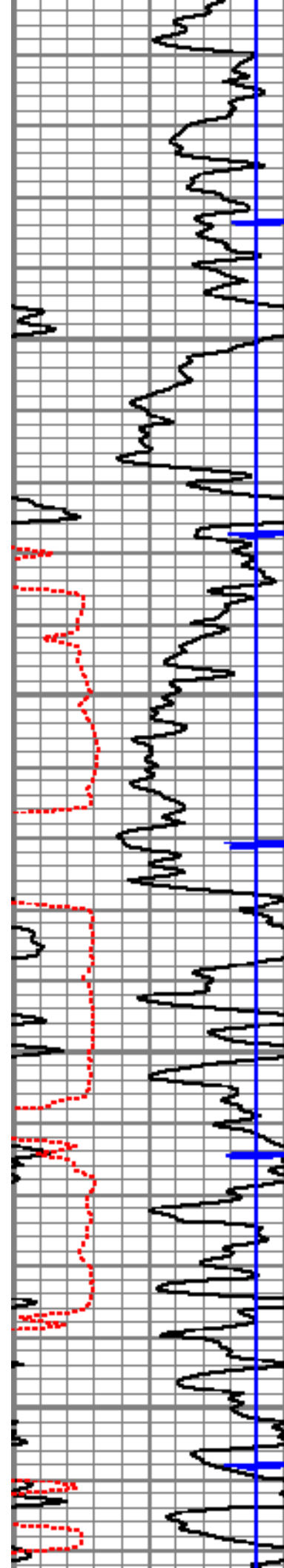
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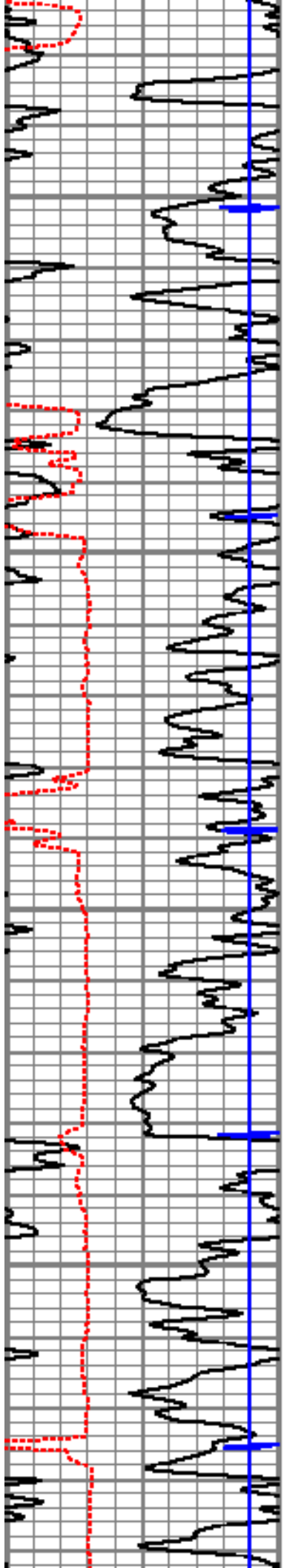
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121.6

122.5







4500

127.9

4550

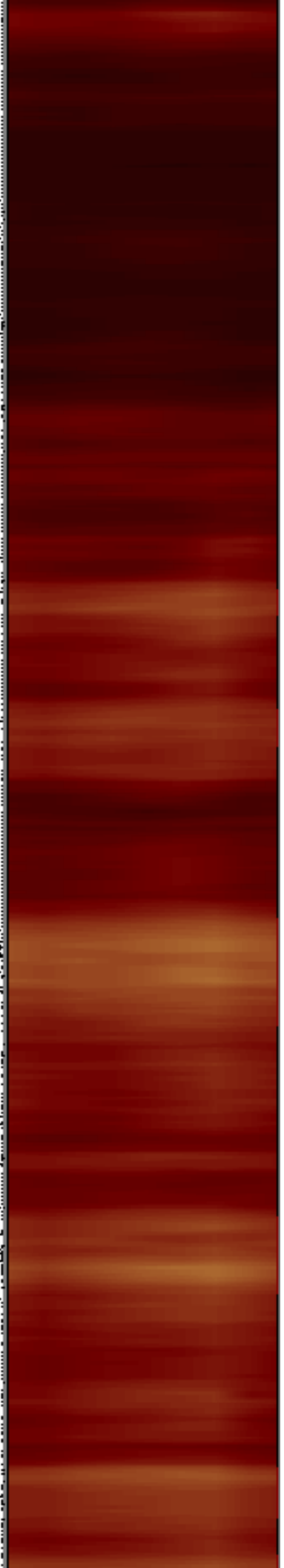
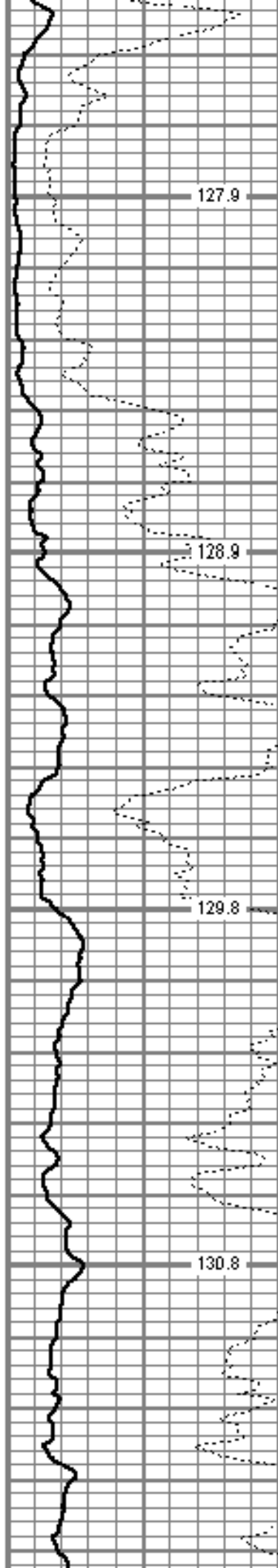
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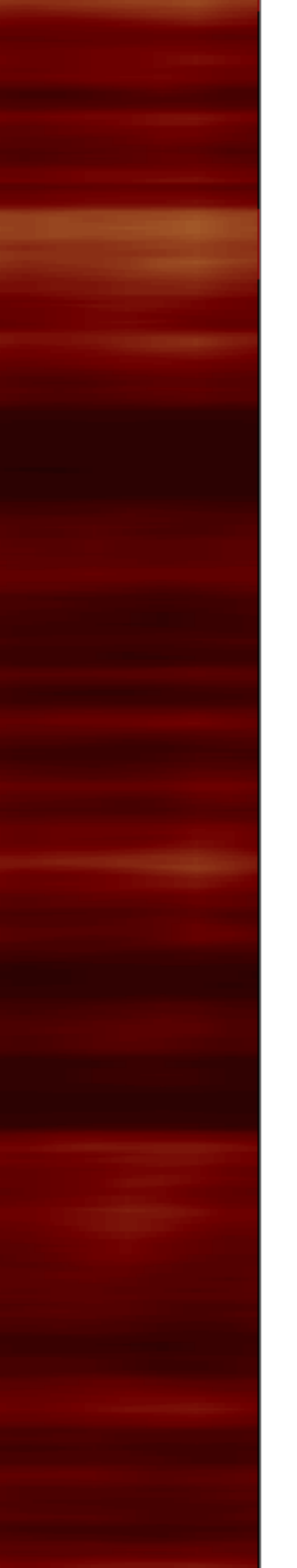
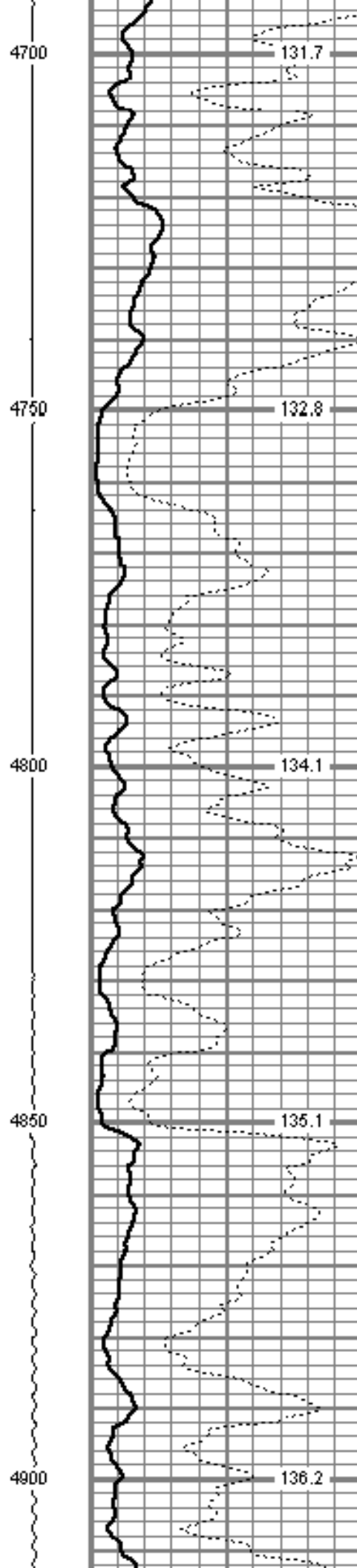
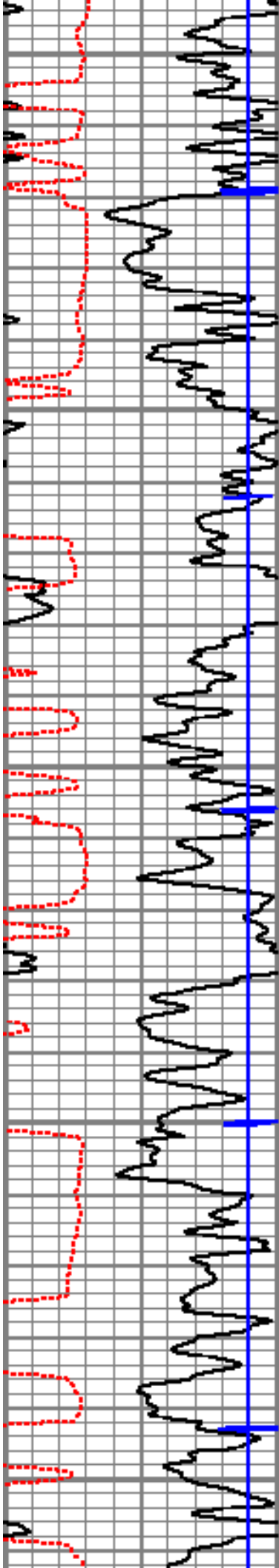
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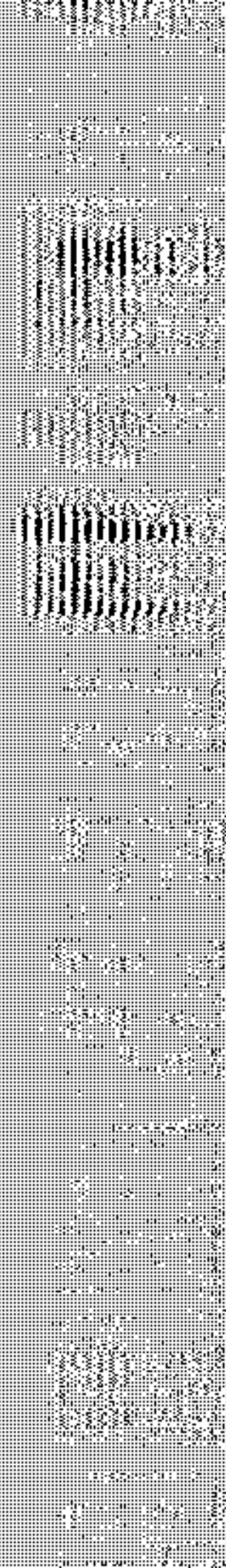
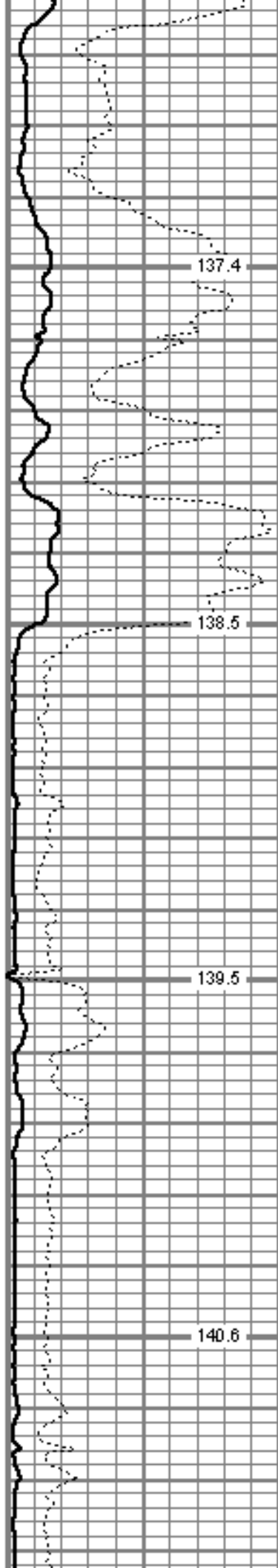
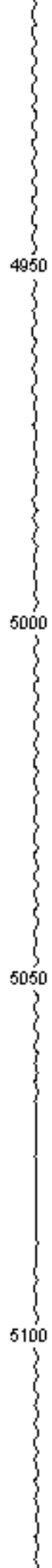
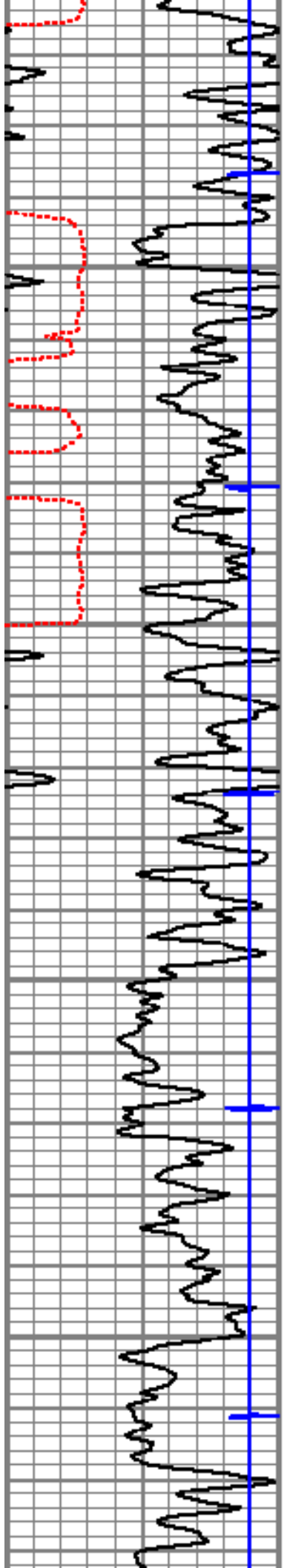
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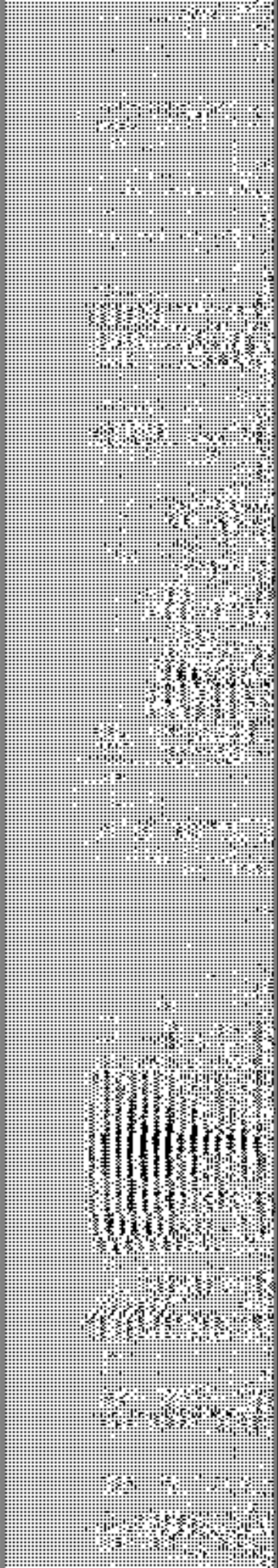
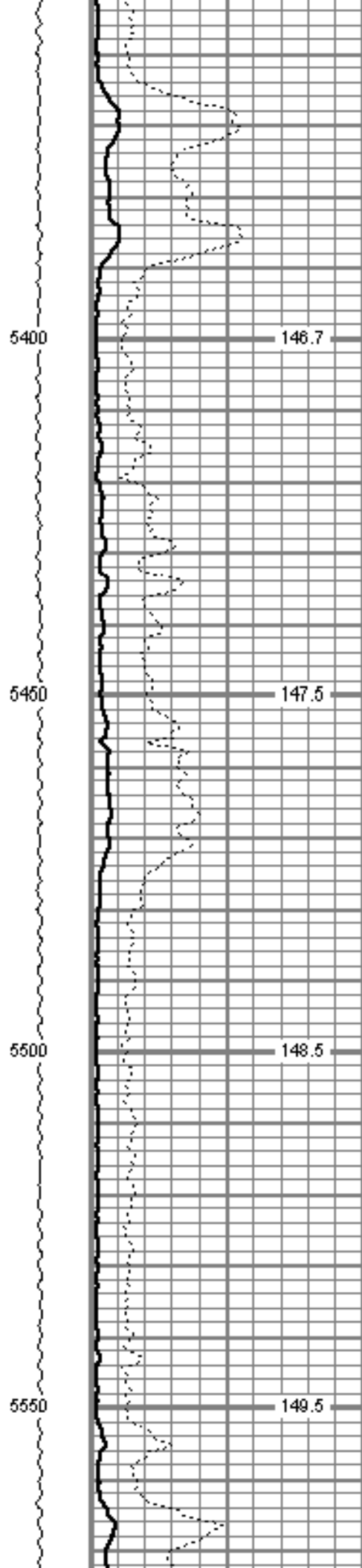
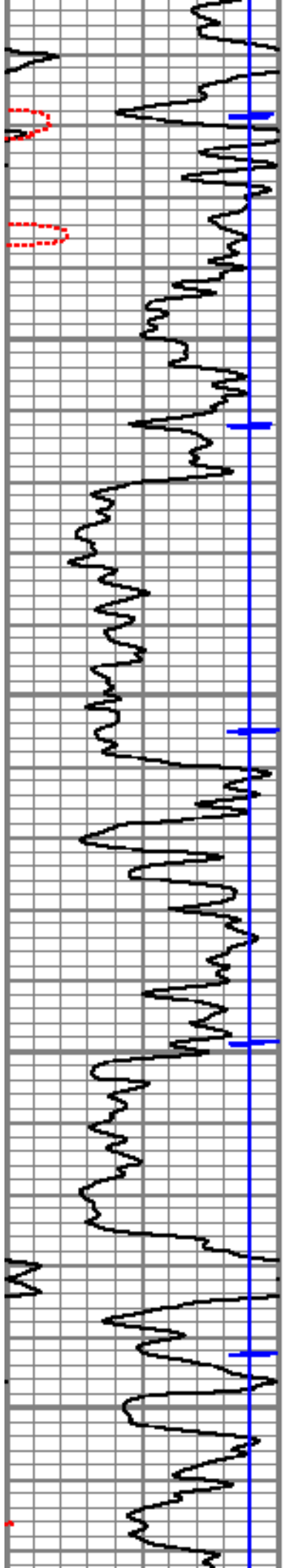
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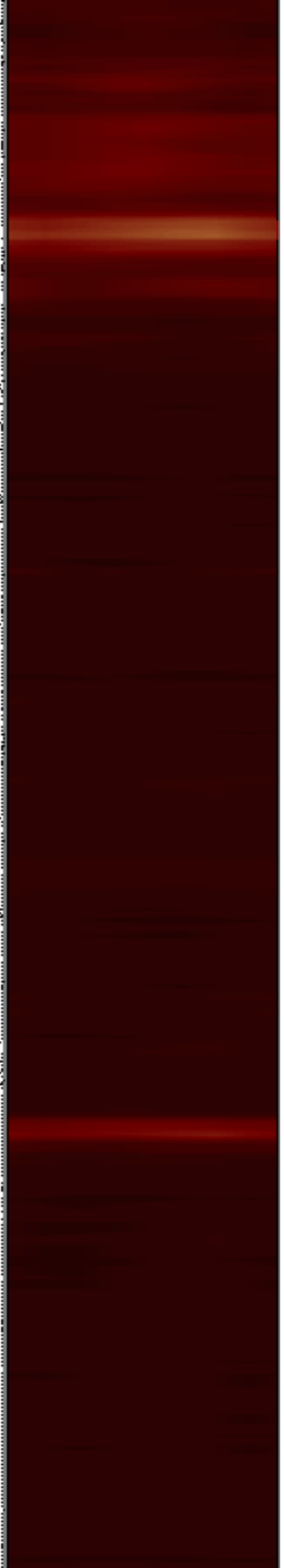
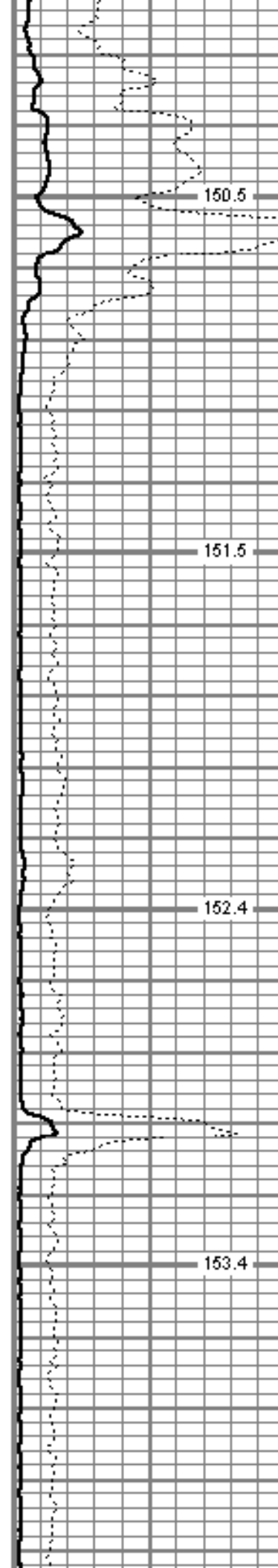
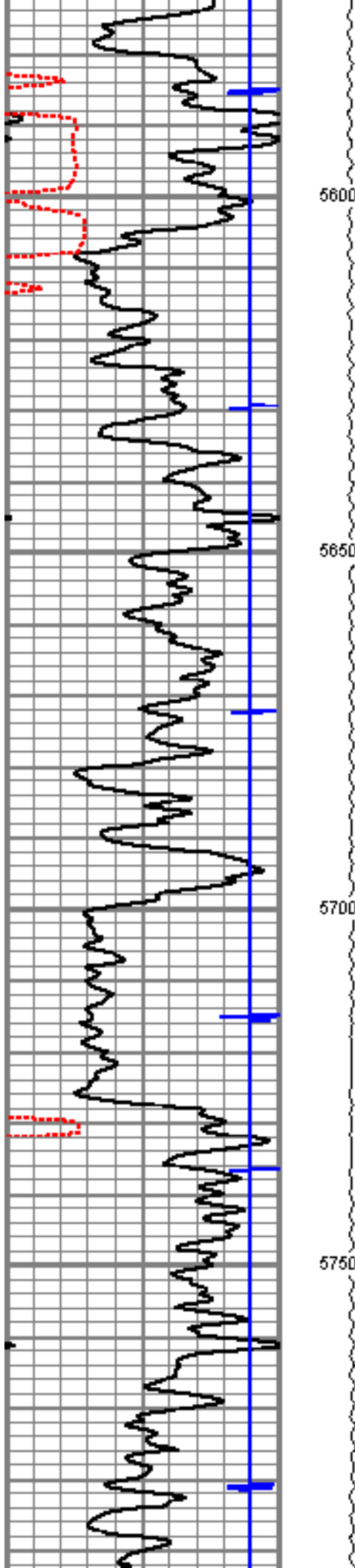
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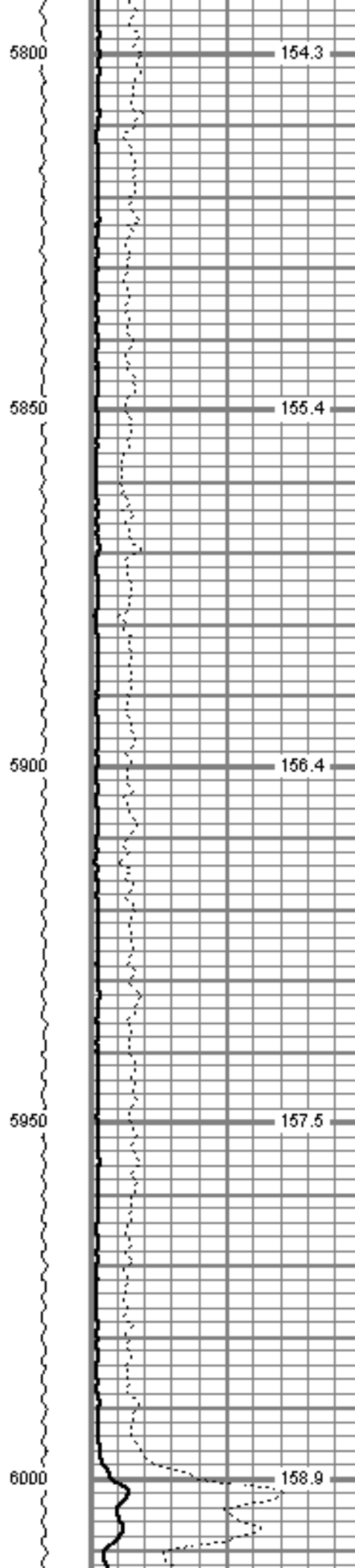
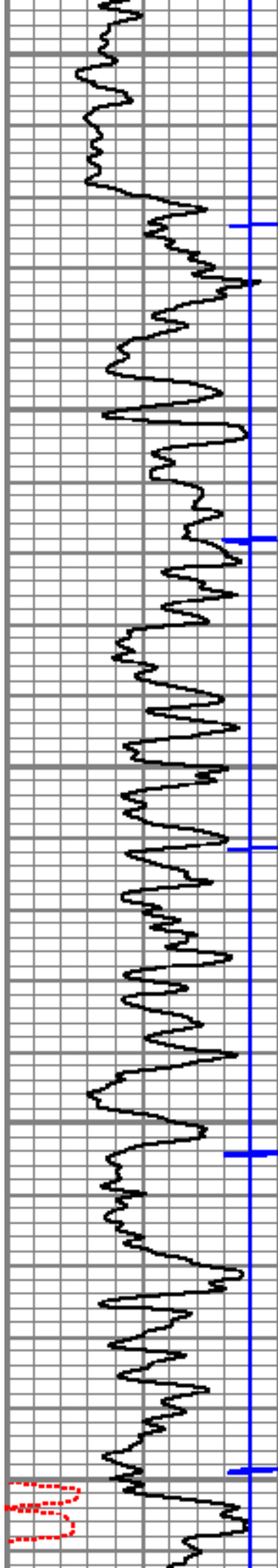


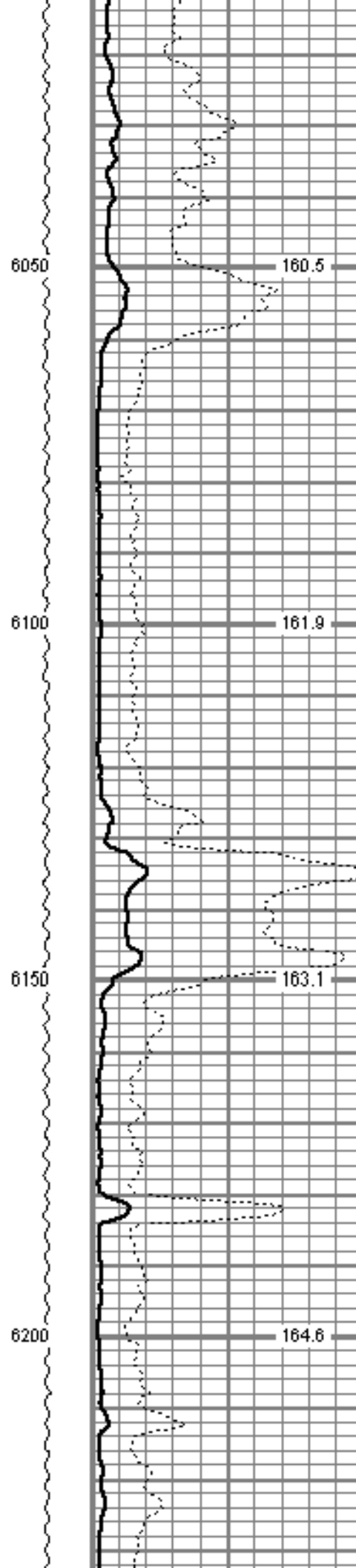
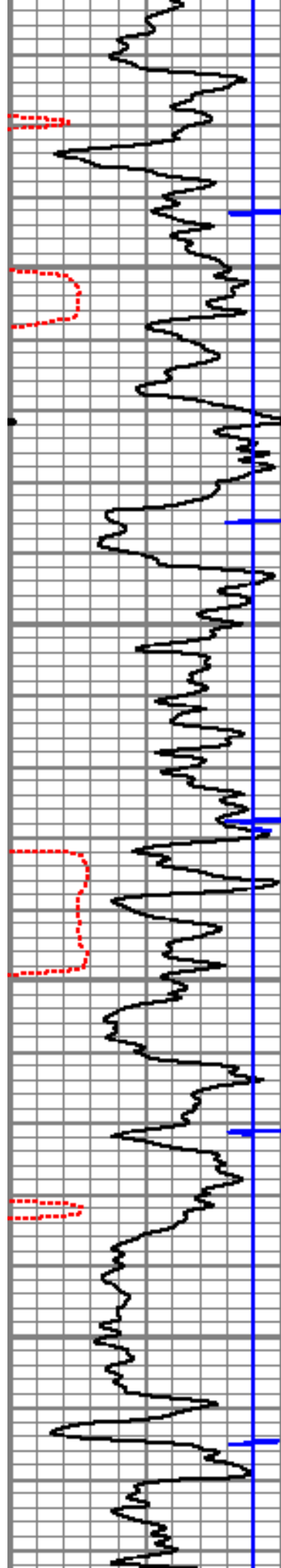


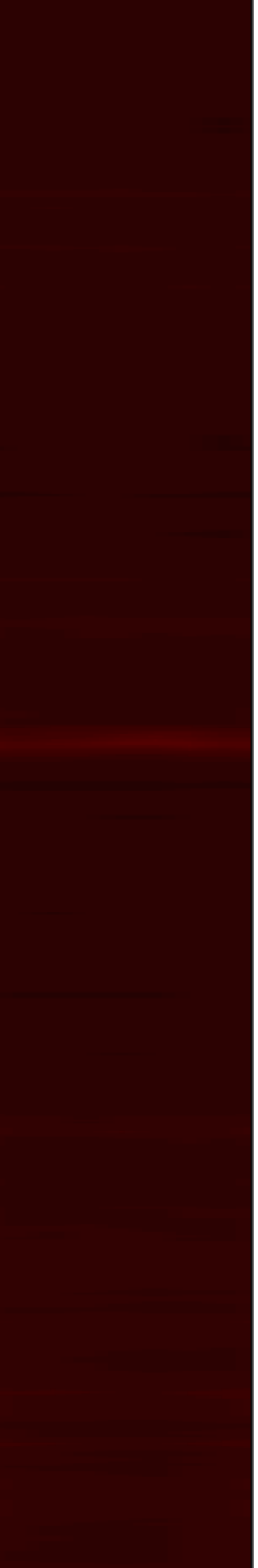
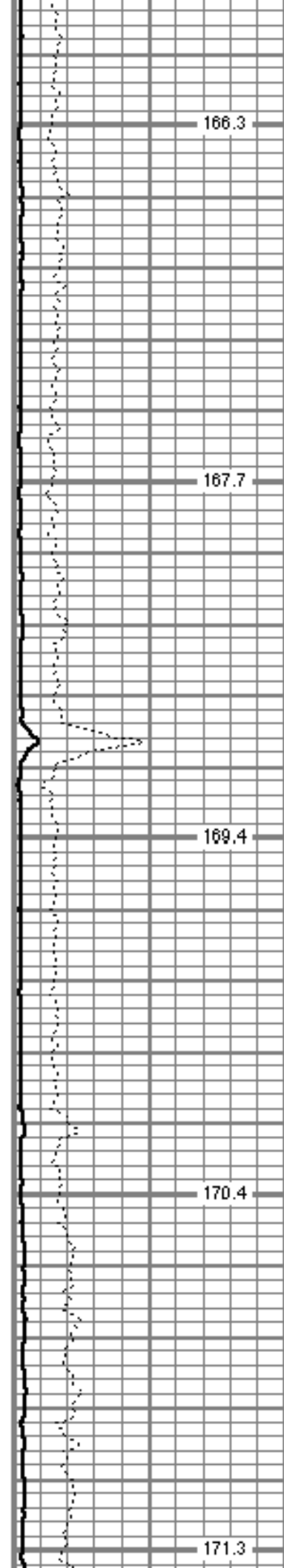
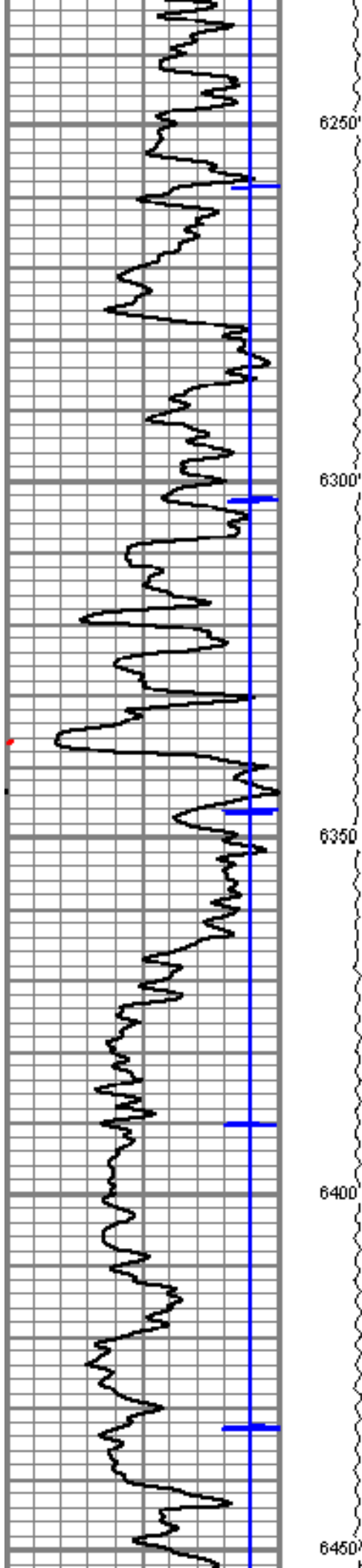


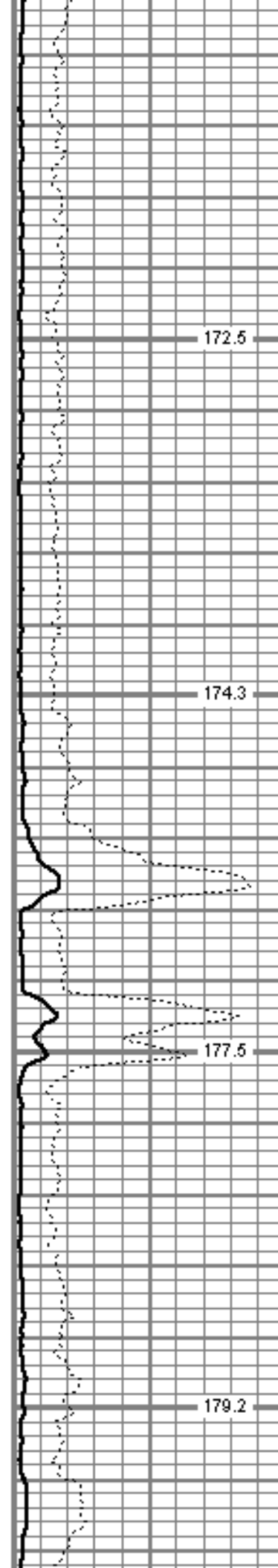
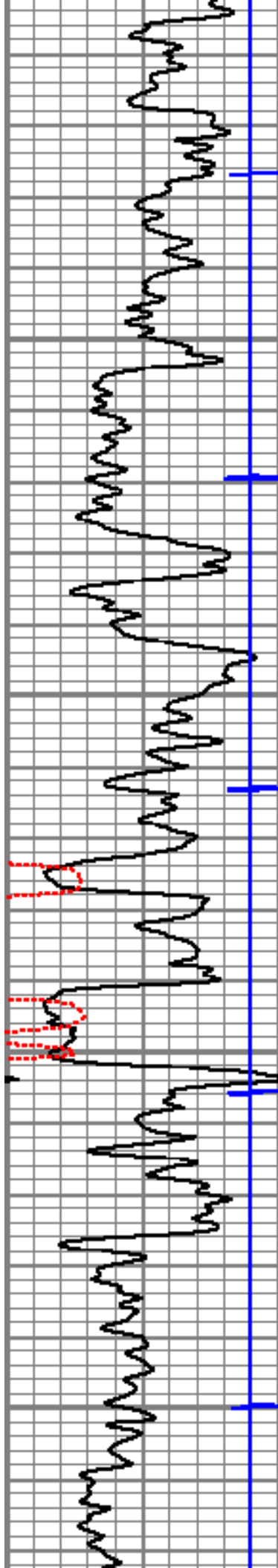


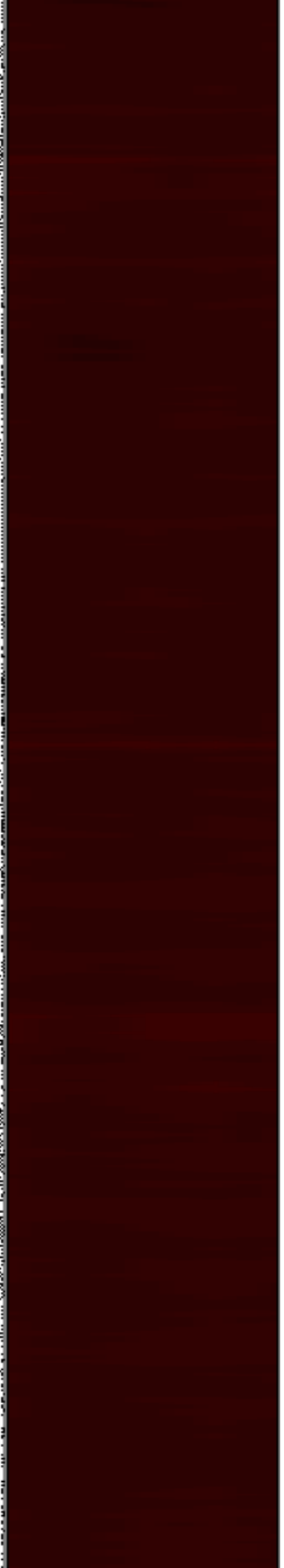
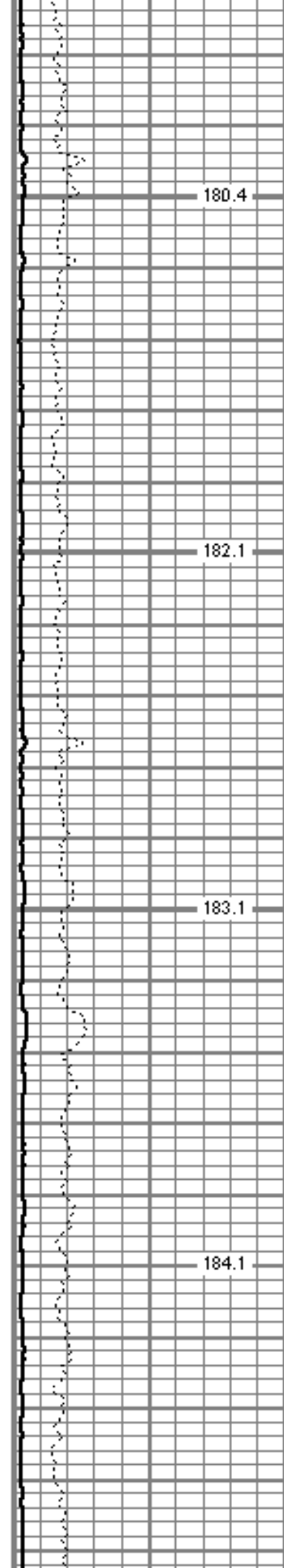
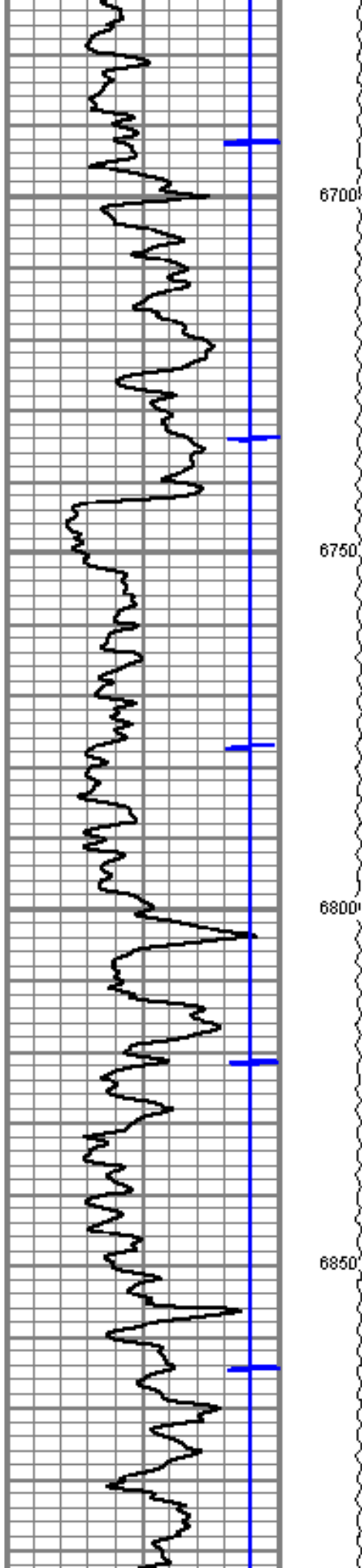


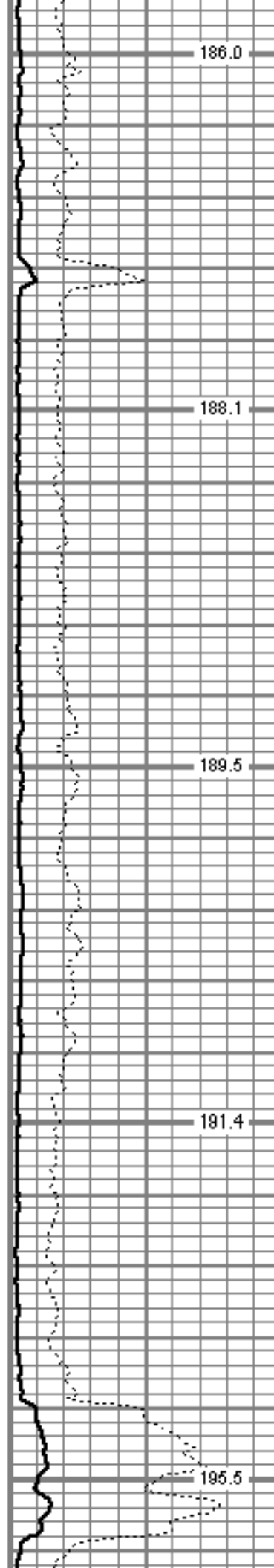
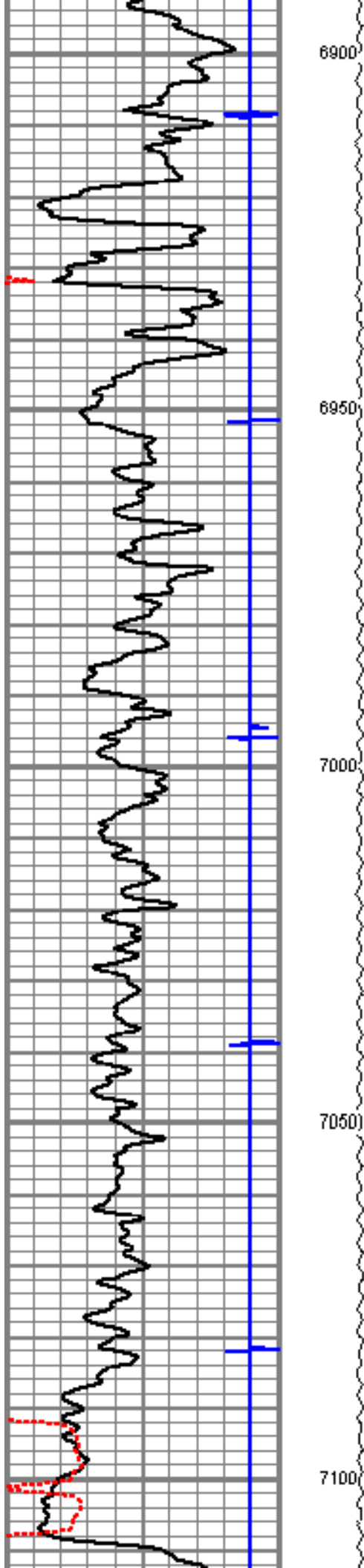


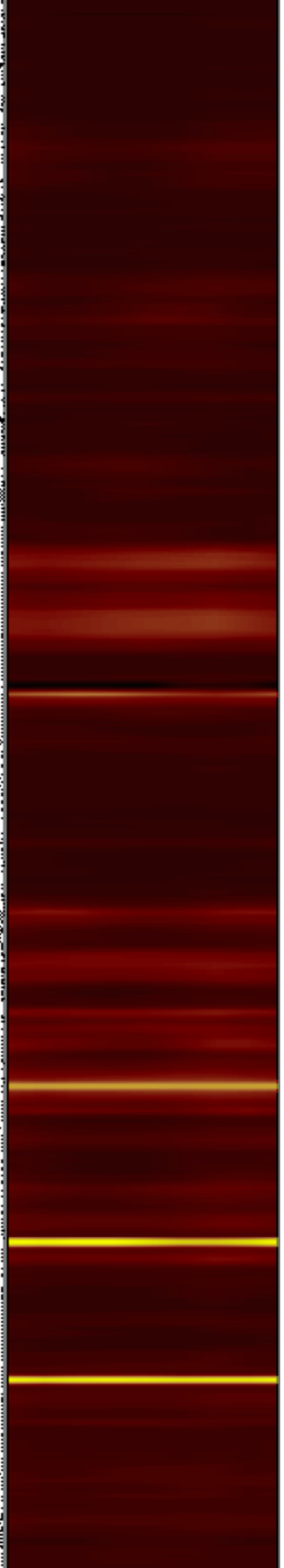
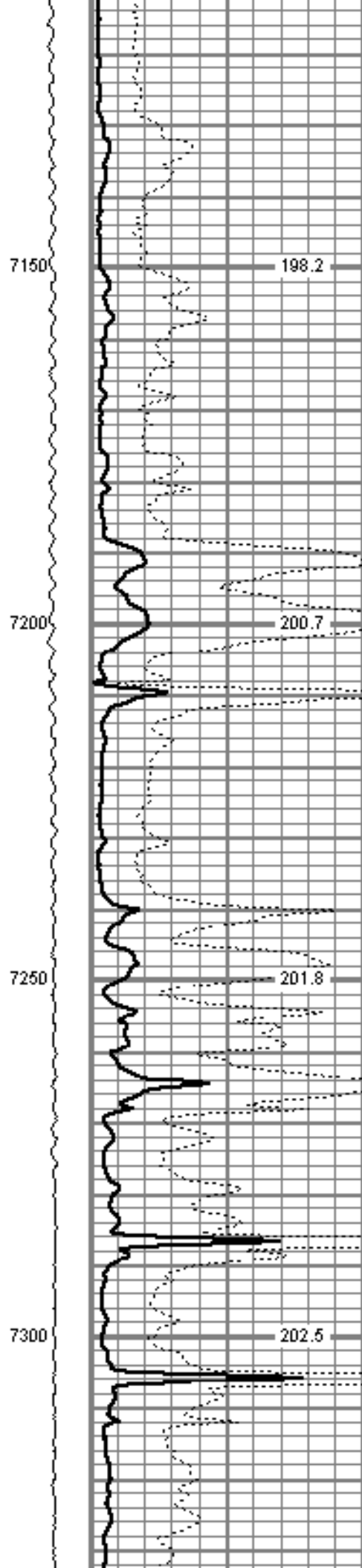
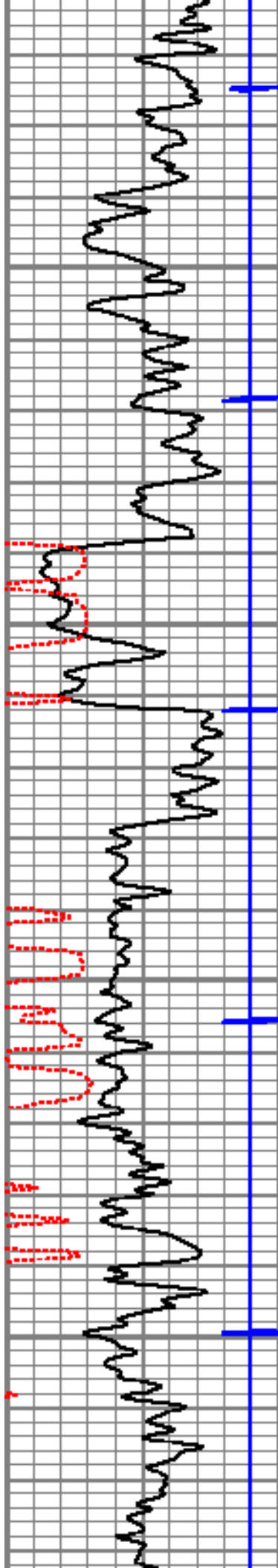


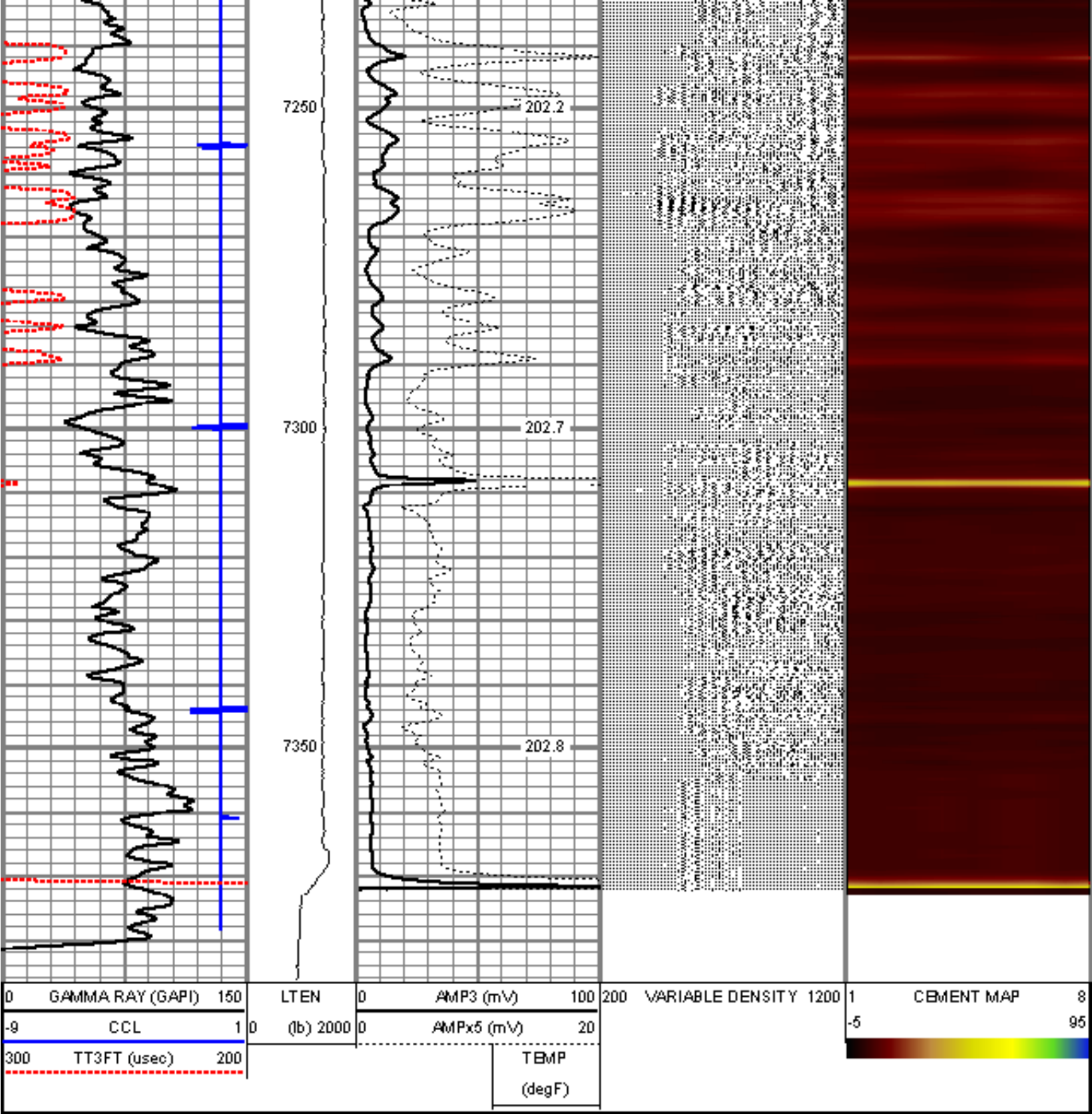


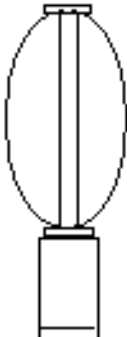










Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Probe	2.86	2.75	40.00

IntTemp	18.47						
WV3FT	15.30			RBT-Probe (060112_45) Probe RadII Bond Tool with Digital Telemetry	9.17	2.75	90.00
WVFCAL	15.30						
WVFS1	15.30						
WVFS2	15.30						
WVFS3	15.30						
WVFS4	15.30						
WVFS5	15.30						
WVFS6	15.30						
WVFS7	15.30						
WVFS8	15.30						
WV5FT	14.22						
				Probe	2.86	2.75	40.00
CCL	7.61						
				GR-Probe (060108) Probe 2.75" 4 Channel Pulse	4.00	2.75	30.00
GR	5.11						
				Probe	2.86	2.75	40.00
				TEMP-1.375TEMP (060111) Temperature Tool	1.25	1.38	30.00
TEMP	0.08						
Dataset: kokopelli18-213d.db: field\well/run1/pass12 Total Length: 22.99 ft Total Weight: 270.00 lb O.D. 2.75 in							



Company	ORION ENERGY PARTNERS
Well	KOKOPELLI FED 18 - 213D
Field	KOKOPELLI
County	GARFIELD
State	COLORADO