



Company	BILL BARRETT CORPORATION
Well	ANSCHUTZ STATE 5-62-22-0108C2B
Field	WATTENBERG
County	WELD
	State
	COLORADO

Other Services

Elevation	
K.B.	4746'
D.F.	4745'
G.L.	4730'

Run Number	ONE		
Depth Driller	16,502		

Bottom Logged Interval	6180'		
Top Log Interval	SURFACE		

type Fluid	H ₂ O
Density / Viscosity	

Estimated Cement Top		
Time Well Ready	7:30 AM	

Equipment Number	D6-RCES	
Location	MEAD CO.	

Witnessed by	Mr. Bruce Kirsch	
Borahole Record		Tubing Record

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Asking Record	Size	Weight	Top	Bottom
Surface Strips				

[illegible]

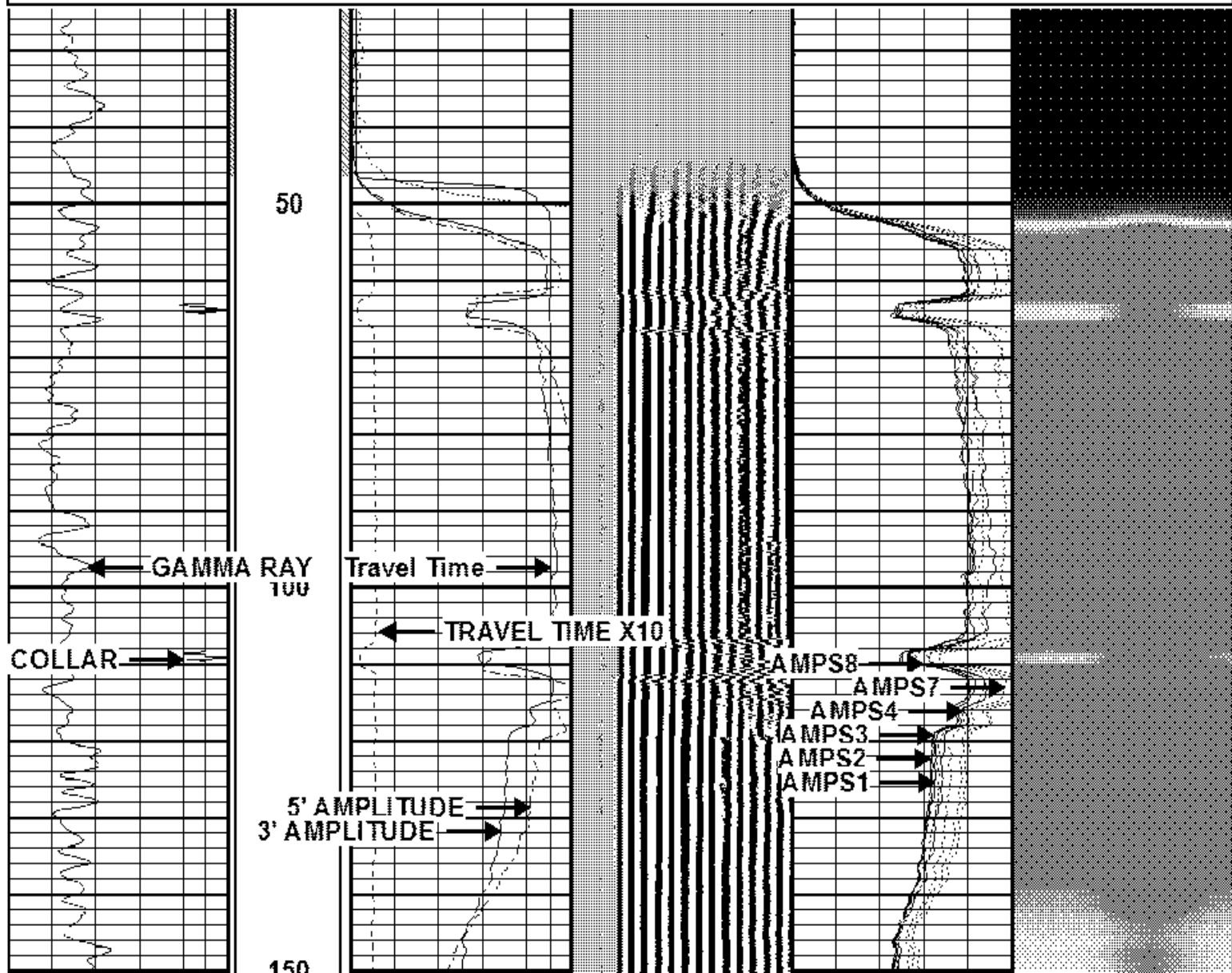
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

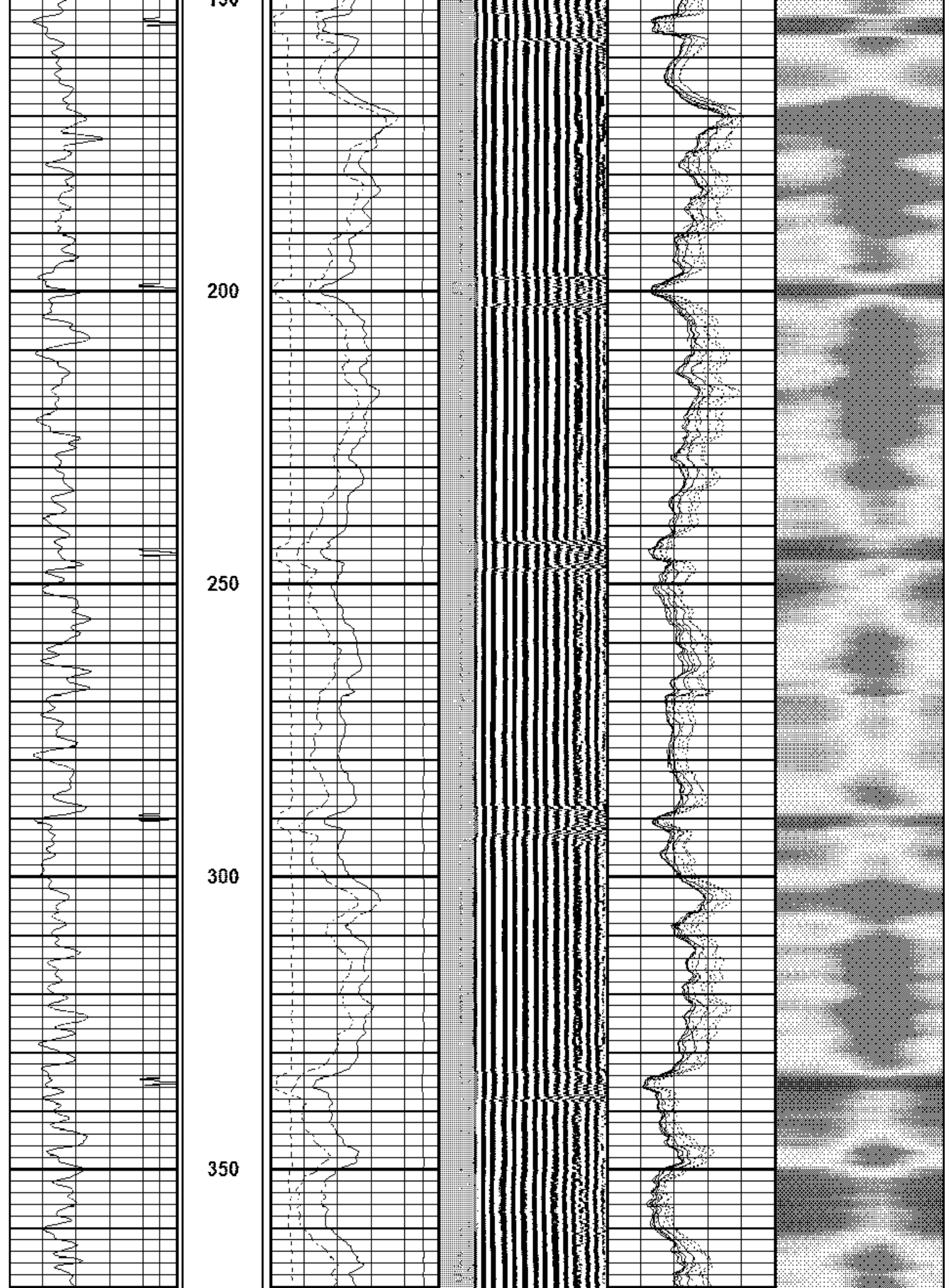
Comments

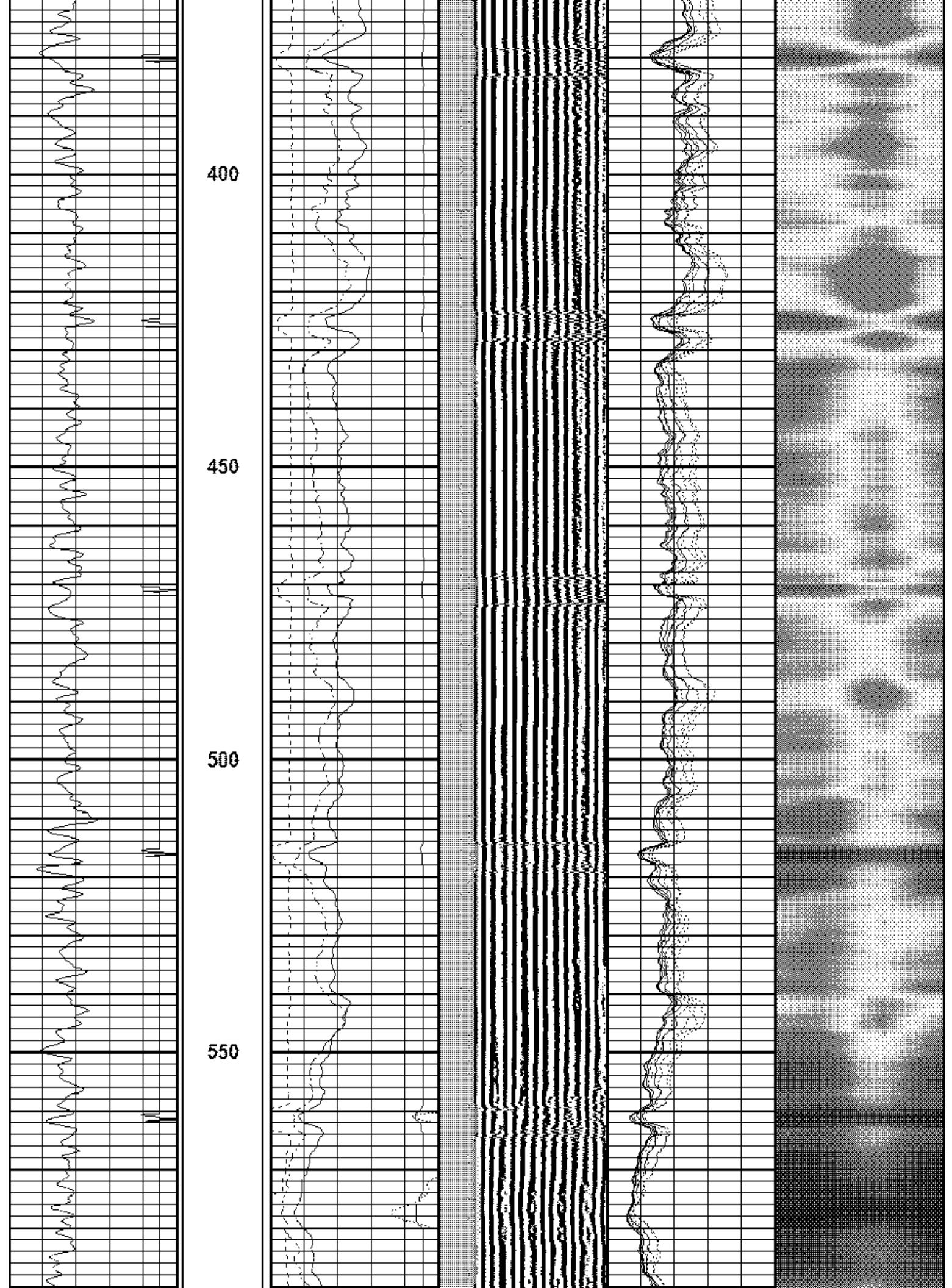
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D (in)	Weight (lb)
WVFS8	8.92		RBT-Probe (060632) Probe Radii Bond Tool with Digital Telemetry	9.17	2.75	90.00
WVFS7	8.92					
WVFS6	8.92					
WVFS5	8.92					
WVFS4	8.92					
WVFS3	8.92					
WVFS2	8.92					
WVFS1	8.92					
WVFCAL	8.92					
WVFS3FT	8.92					
WVFS5FT	7.83					
CCL	3.64					
GR	0.90		GR-Probe (060719) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00

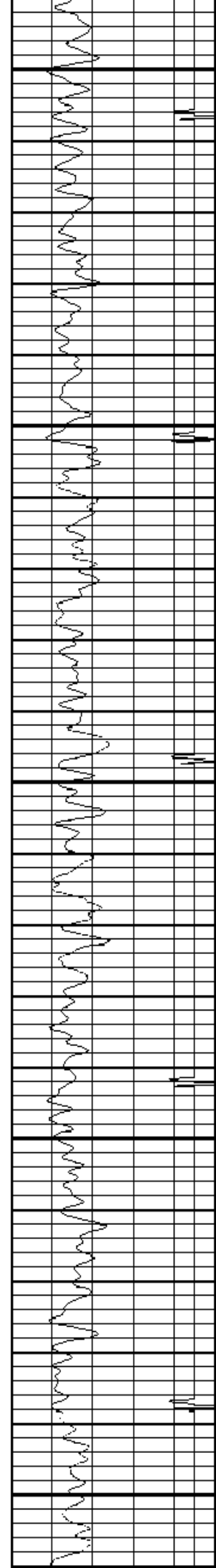
Database File ans0108c2b.db
 Dataset Pathname pass1
 Presentation Format rst7inplo
 Dataset Creation Sat Dec 12 10:35:09 2015
 Charted by Depth in Feet scaled 1:240

GAMMA RAY	3' AMPLITUDE	200	VDL	1200	0	AMPS1	80	1	Cement Map	8
0 (GAPI) 200	0 (mV) 80				0	AMPS2	80	4		45
CASING COLLAR	AMP X5				0	AMPS3	80			
-9 1	0 (mV) 16				0	AMPS4	80			
	TRAVEL TIME X10				0	AMPS5	80			
	300 (usec) 200				0	AMPS6	80			
	5' AMPLITUDE				0	AMPS7	80			
	0 (mV) 80				0	AMPS8	80			
	Travel Time									
	1200 (usec) 200									









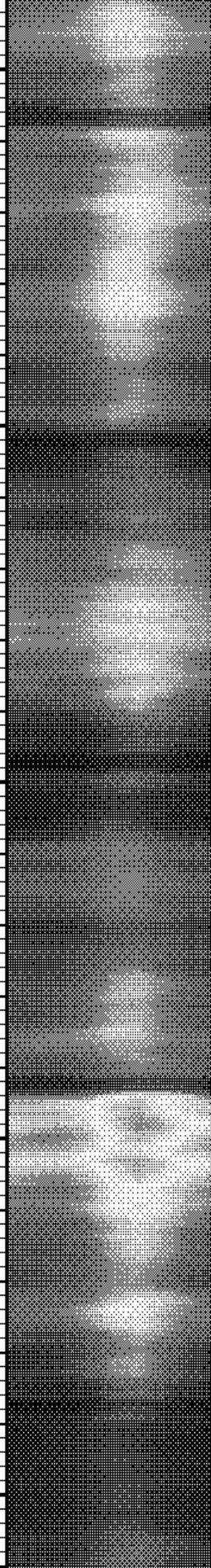
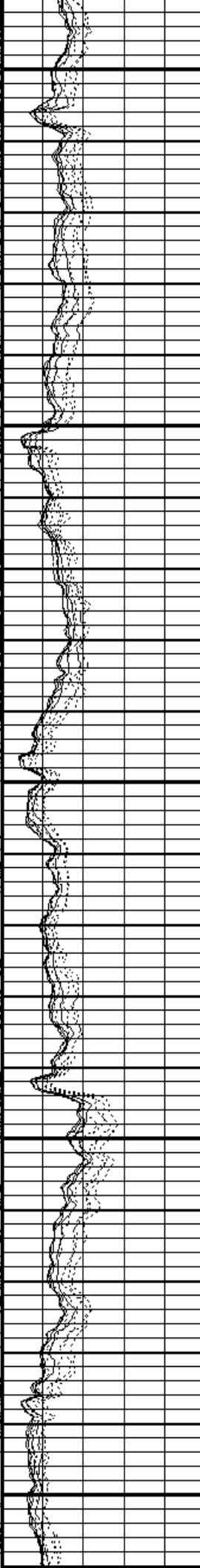
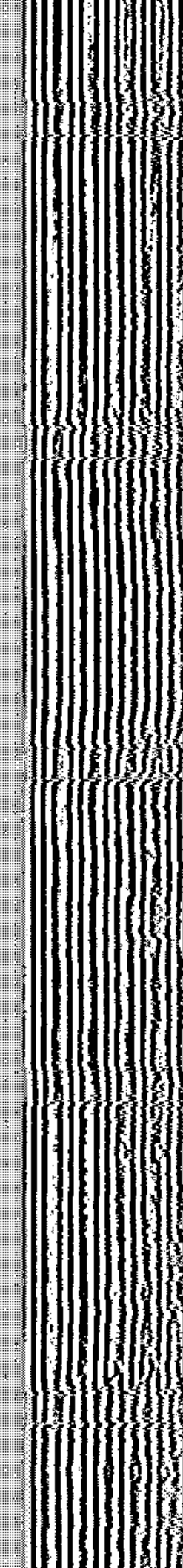
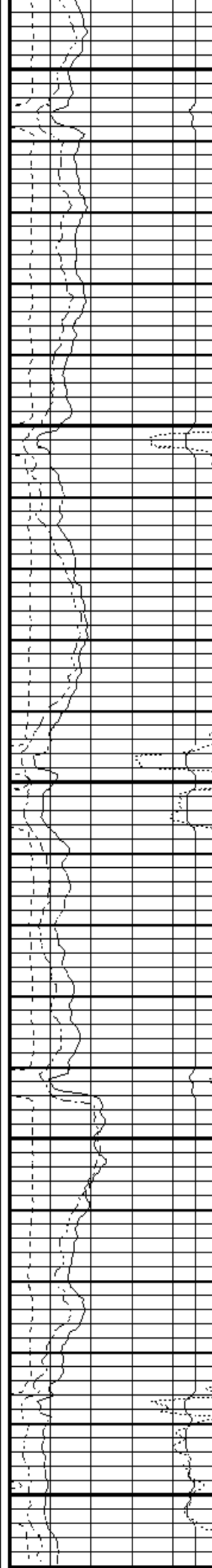
600

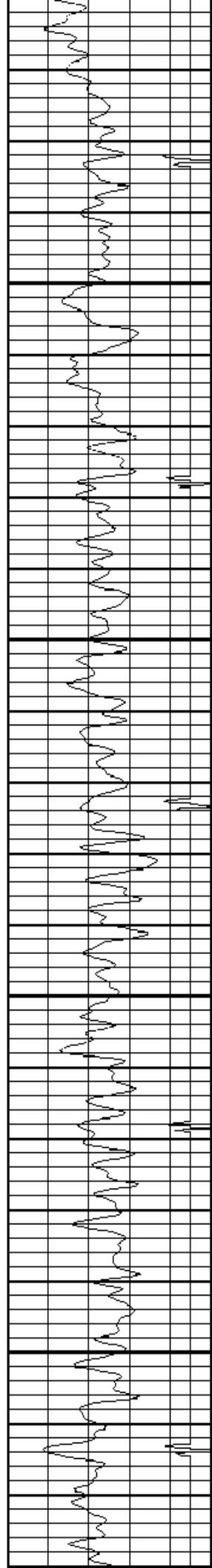
650

700

750

800



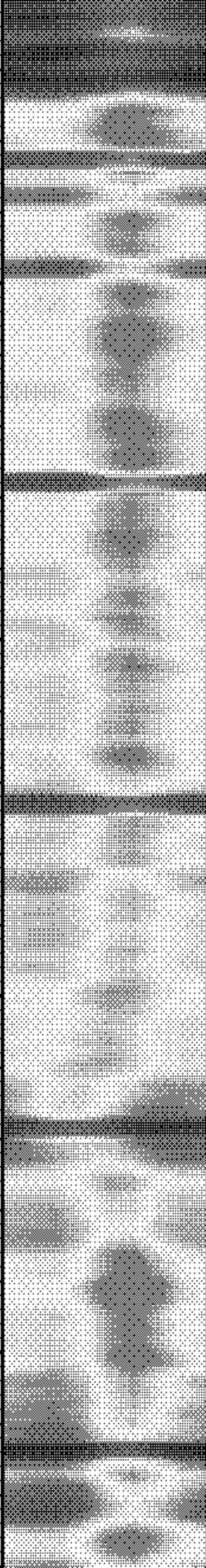
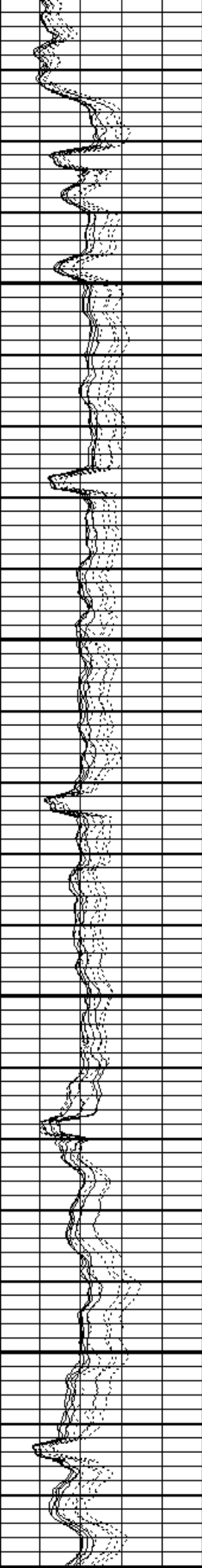
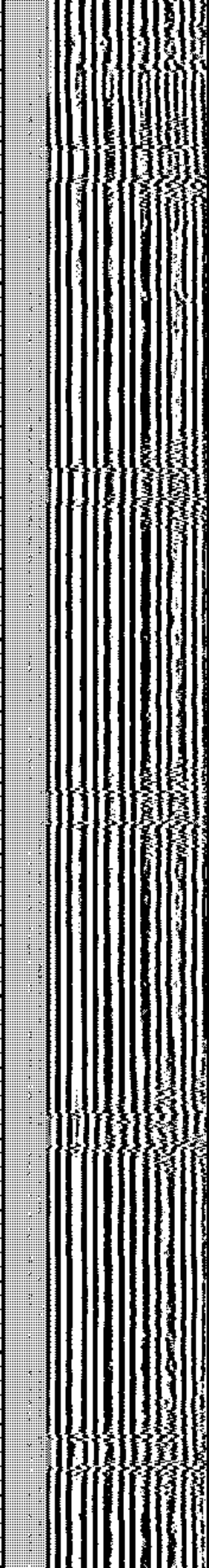
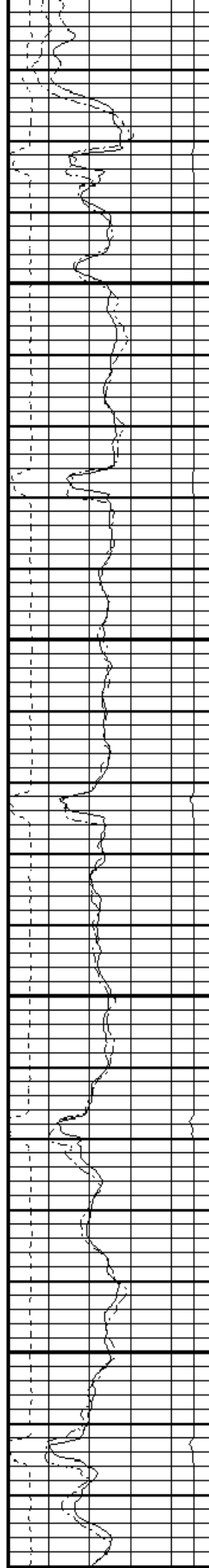


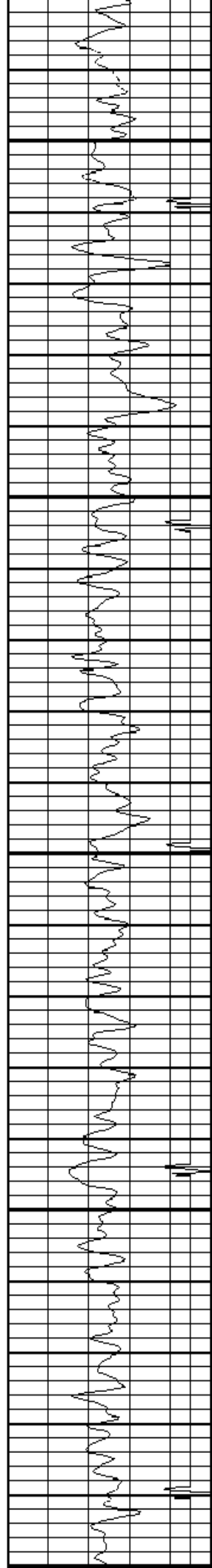
850

900

950

1000





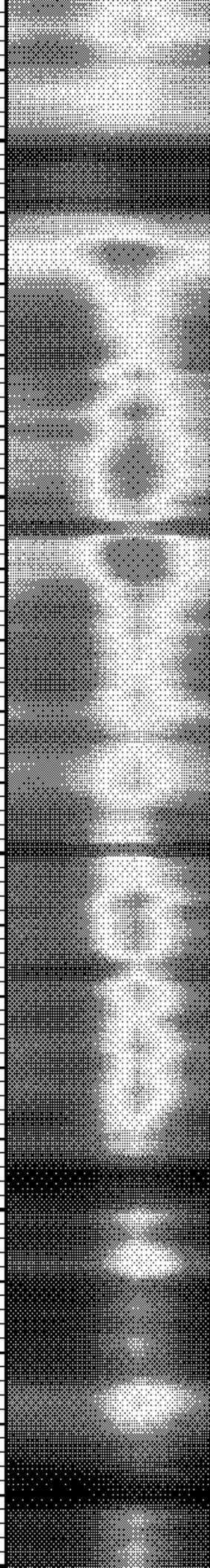
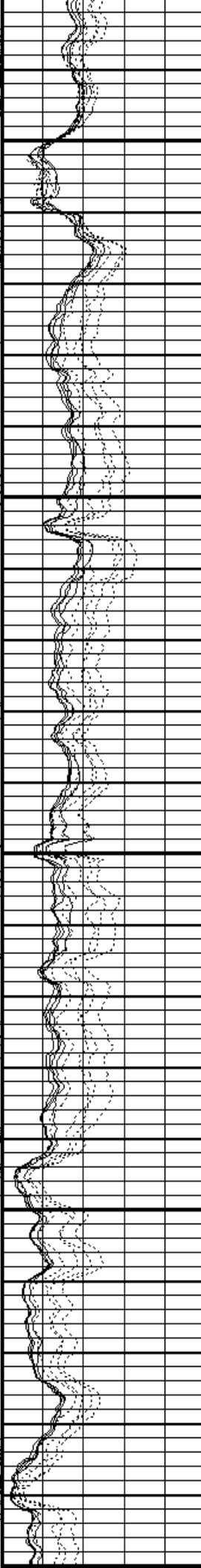
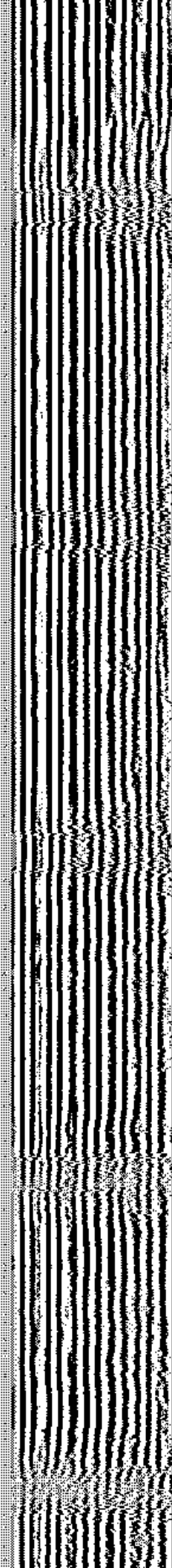
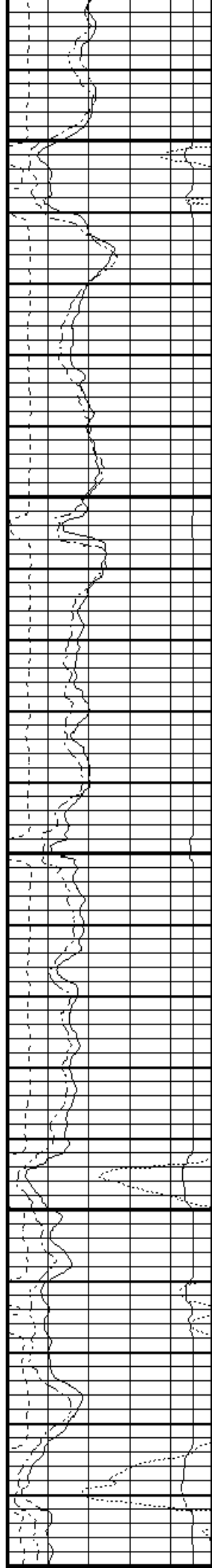
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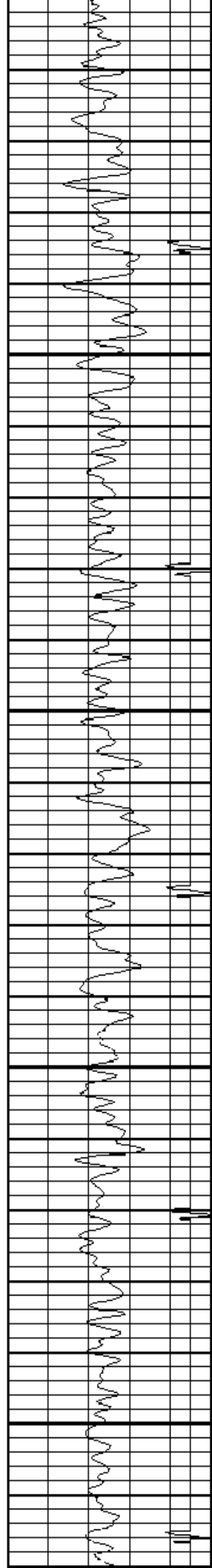
1100

1150

1200

1250





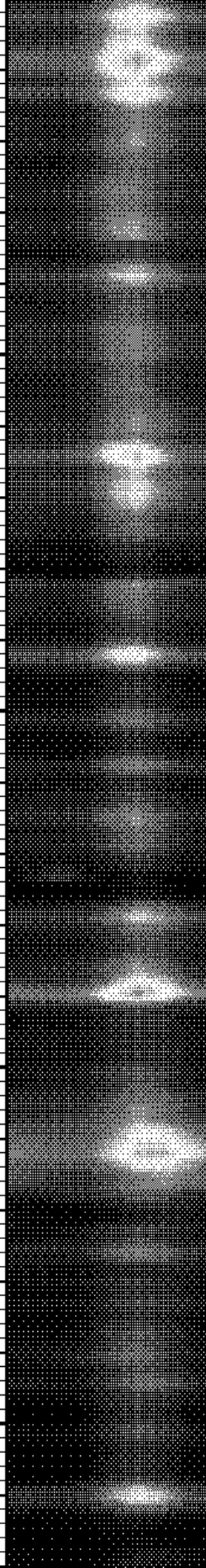
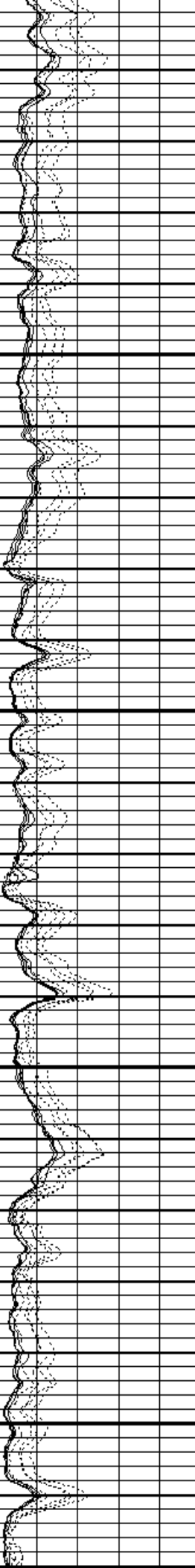
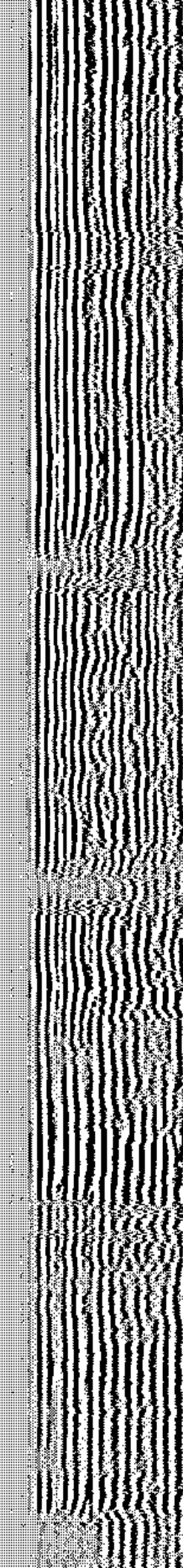
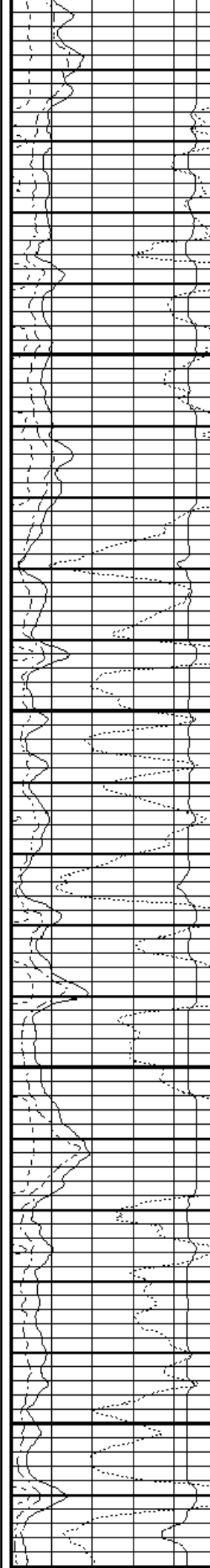
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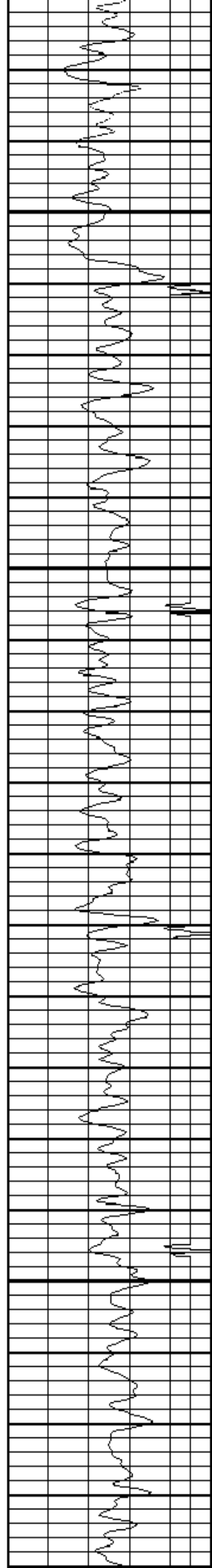
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1350

1400

1450



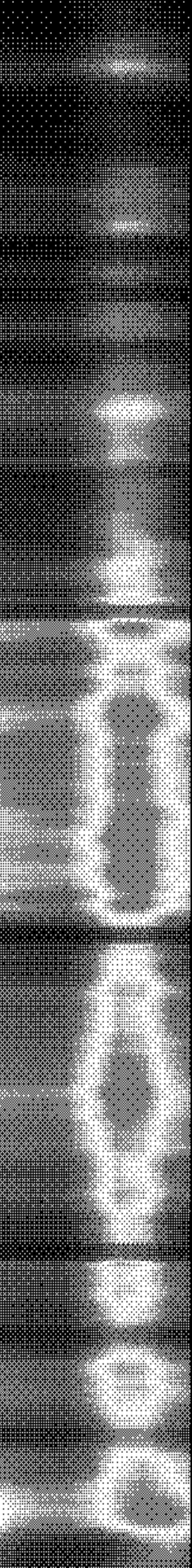
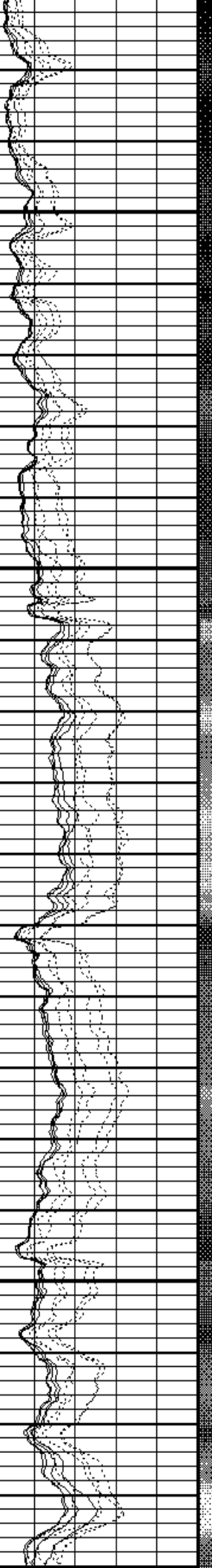
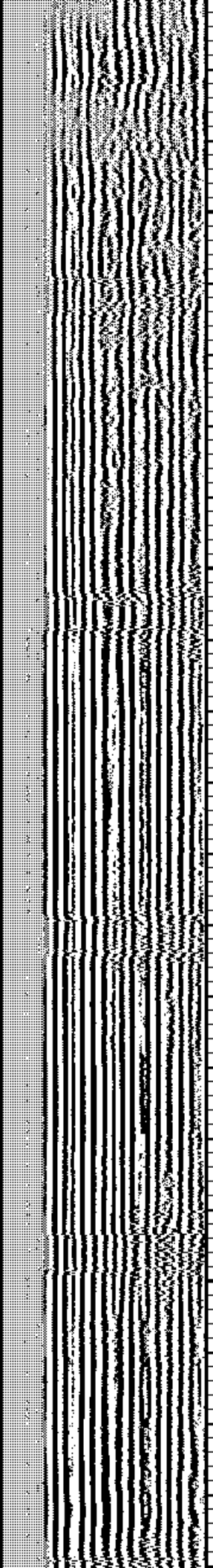
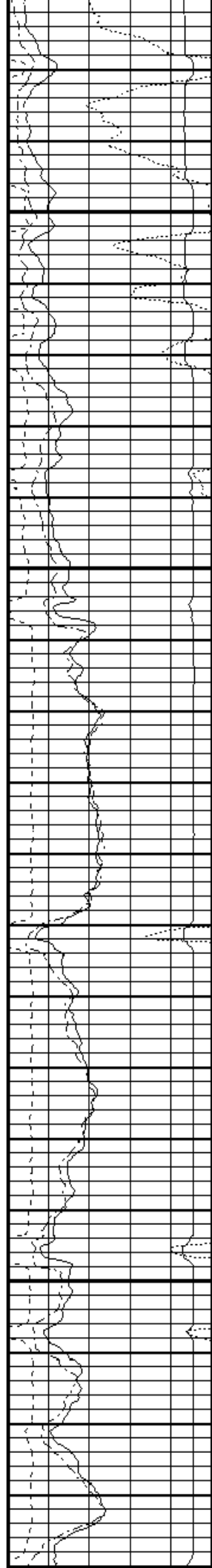


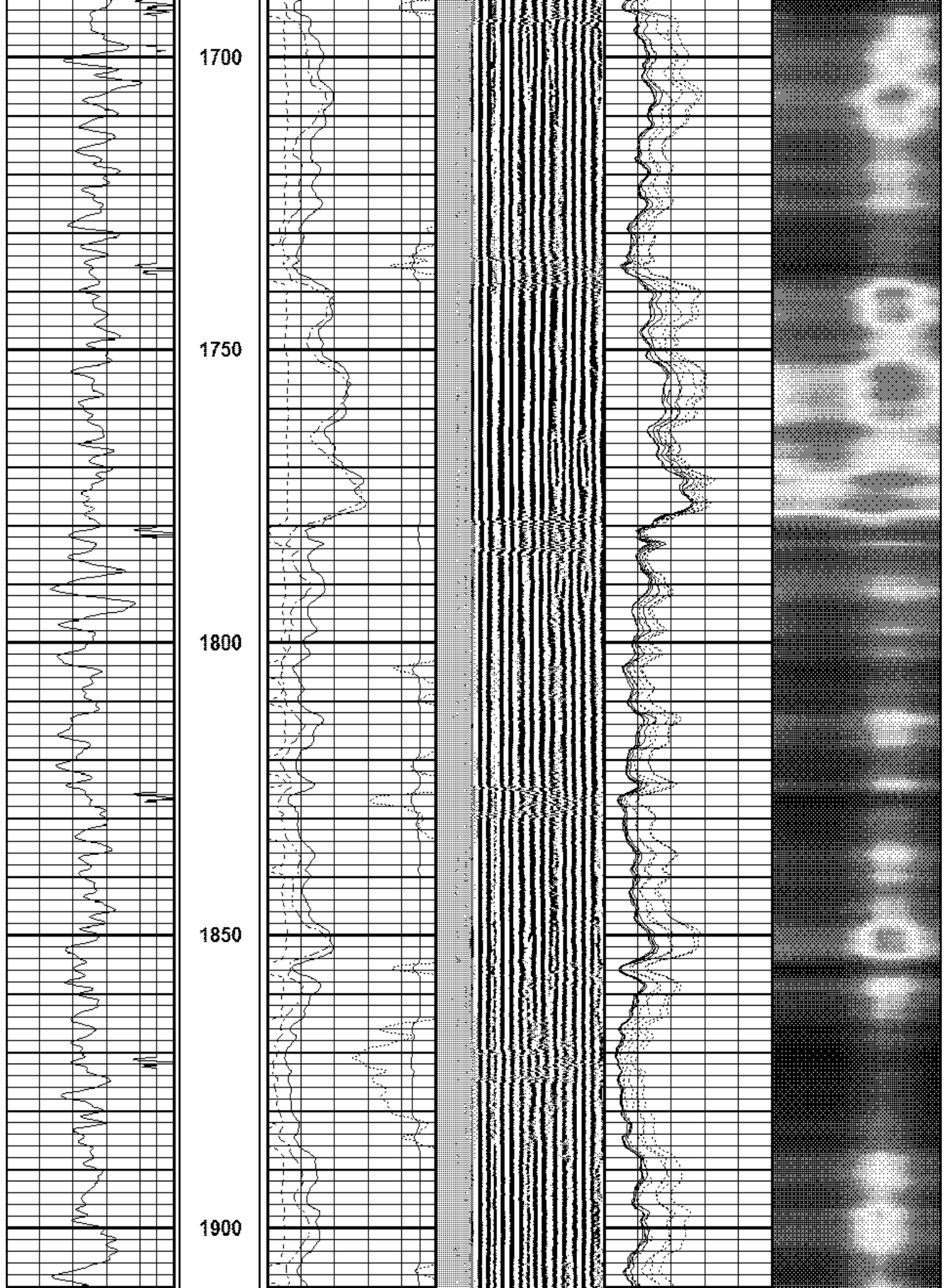
1500

1550

1600

1650



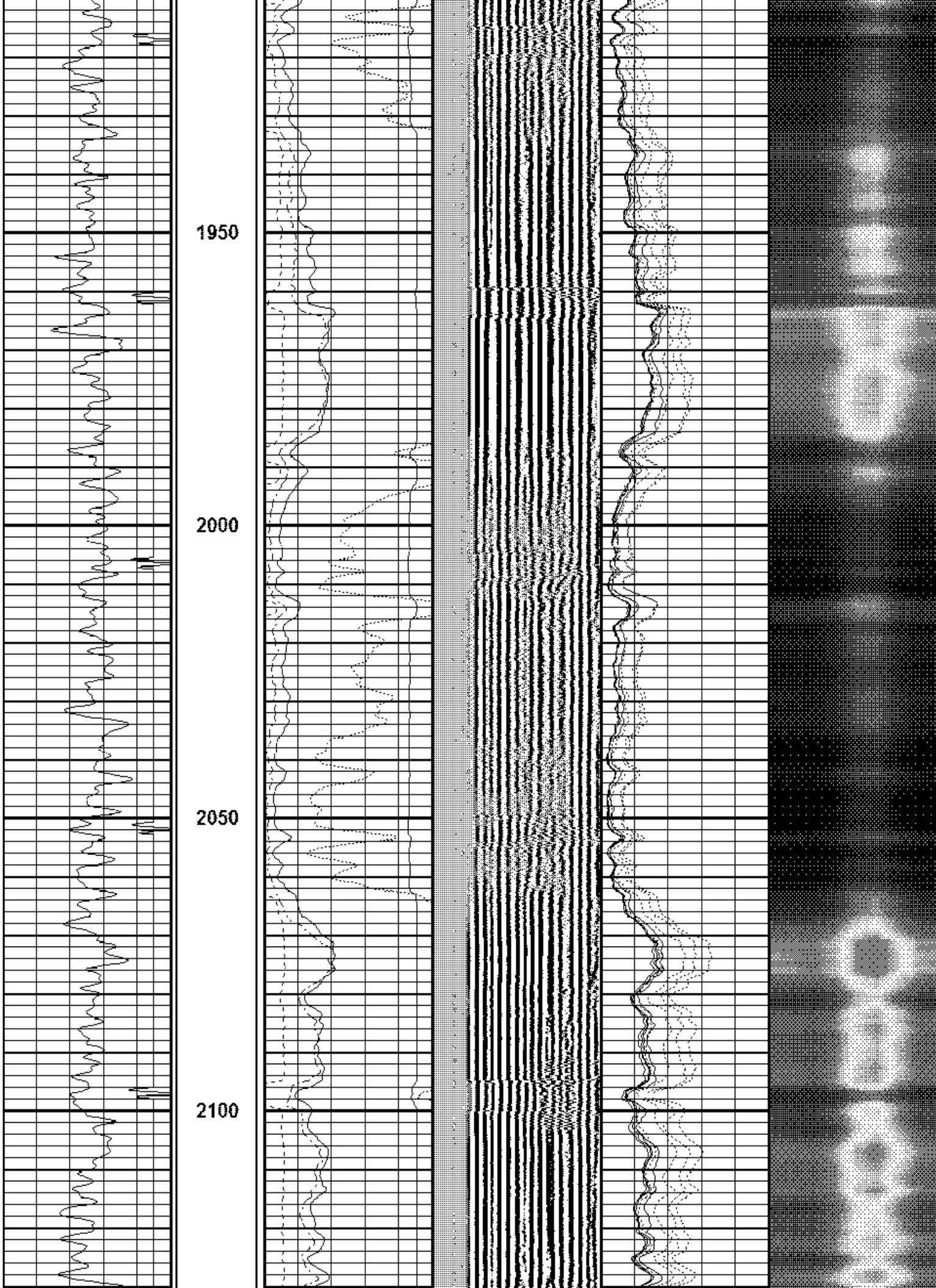


1950

2000

2050

2100



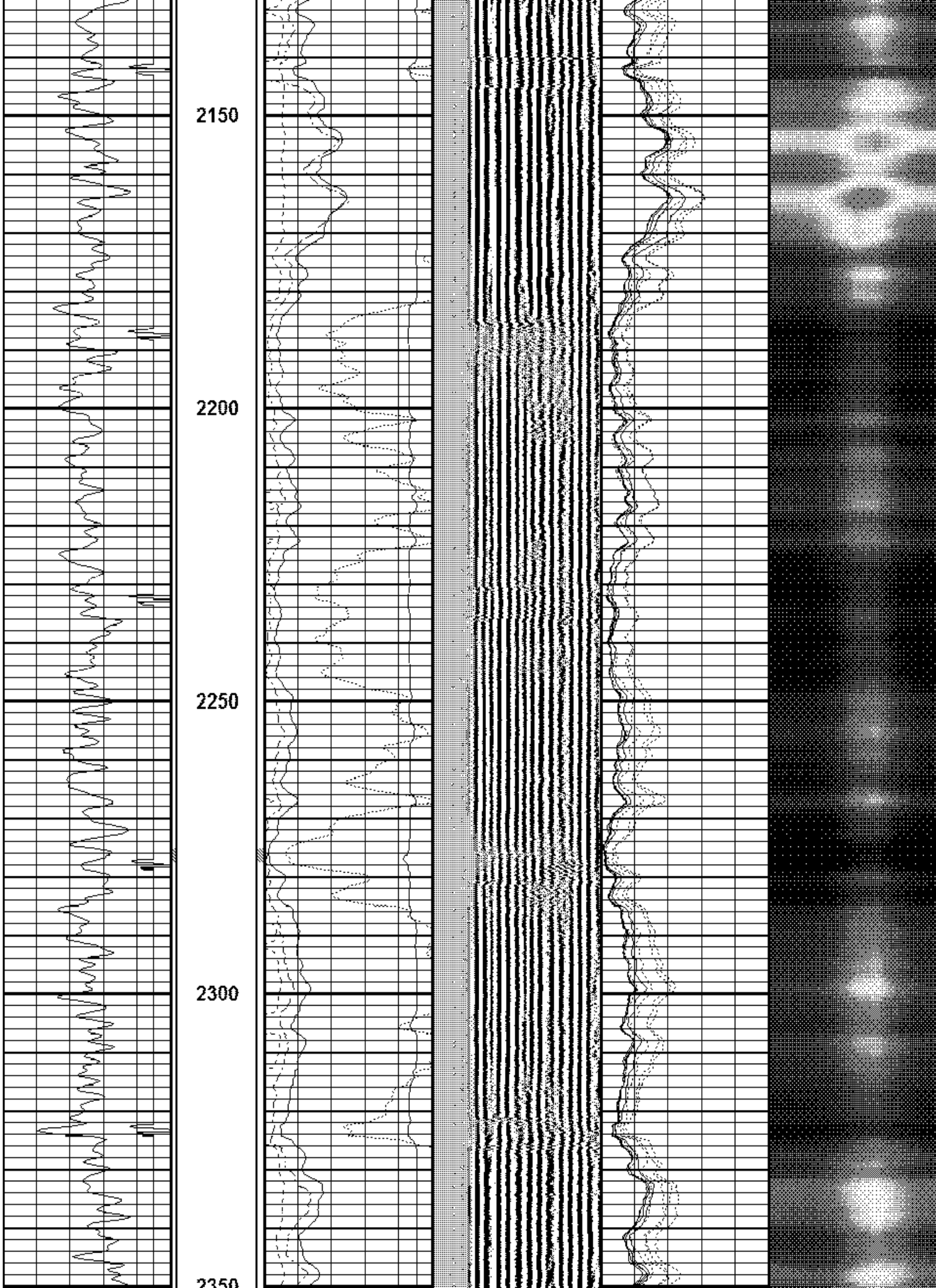
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2200

2250

2300

2350



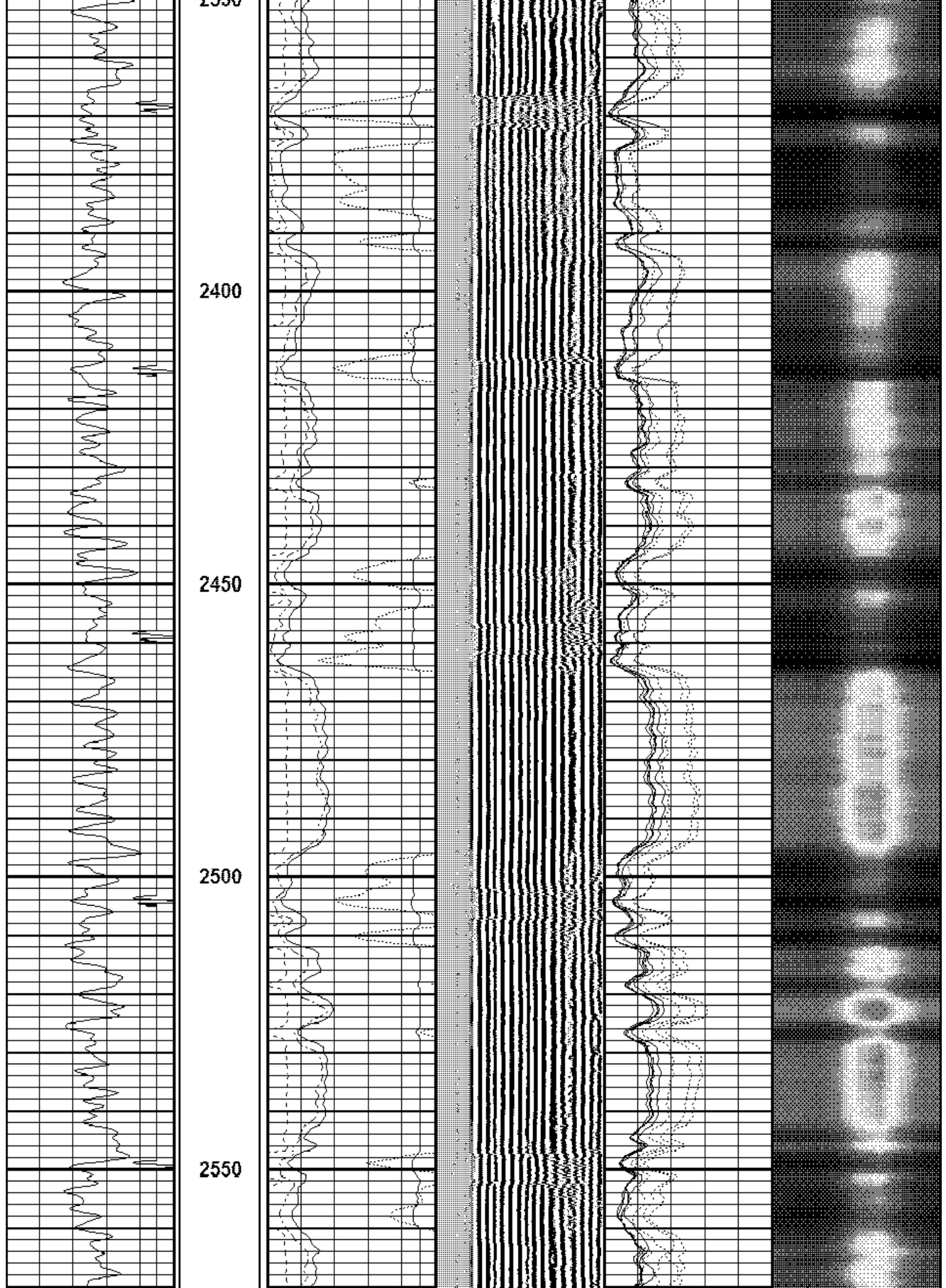
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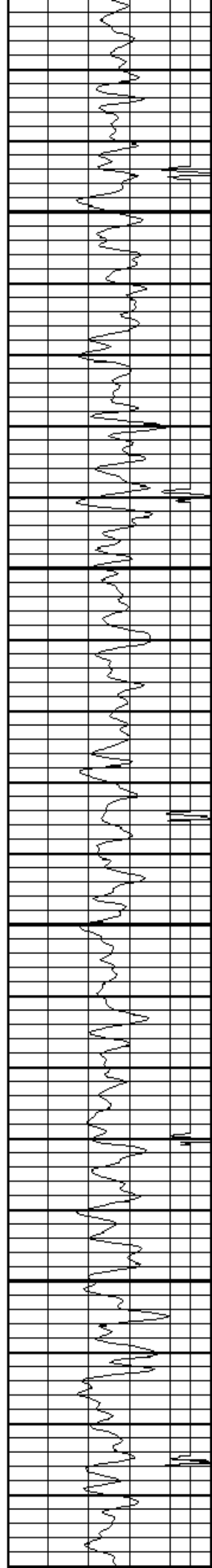
2400

2450

2500

2550



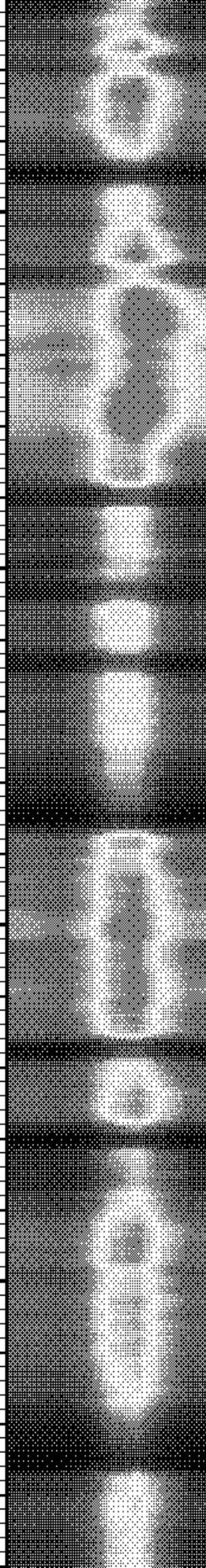
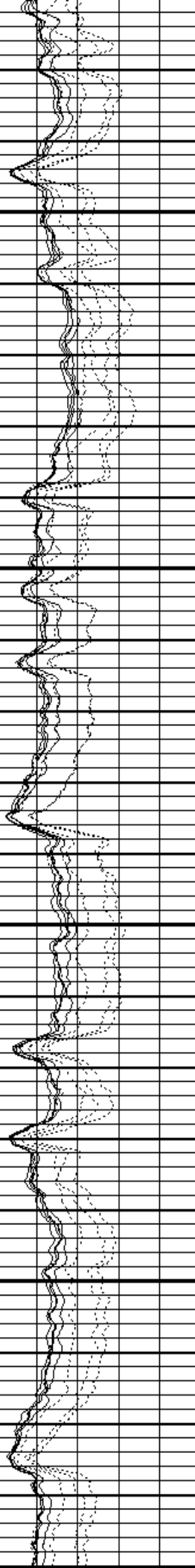
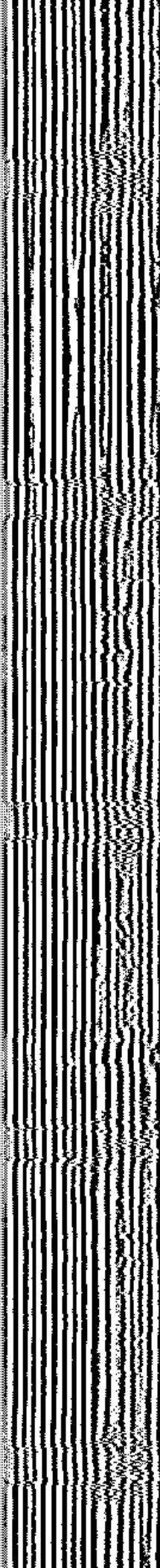
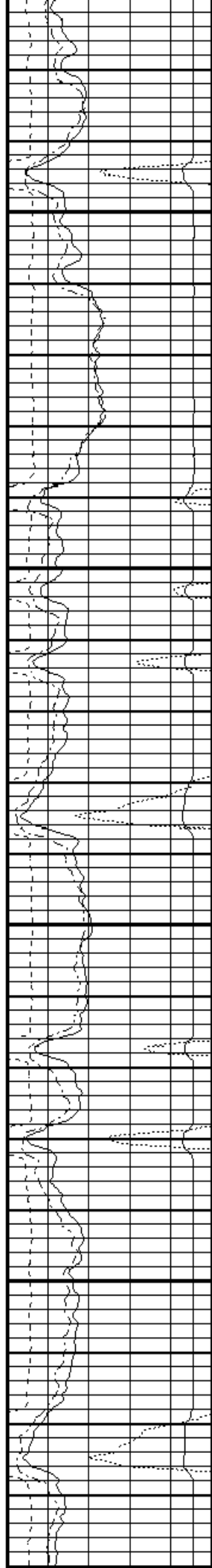


2600

2650

2700

2750



2800

2850

2900

2950

3000

Travel Time →

← TRAVEL TIME X10

← GAMMA RAY

G COLLAR →

← AMPS8

← AMPS7

← AMPS6

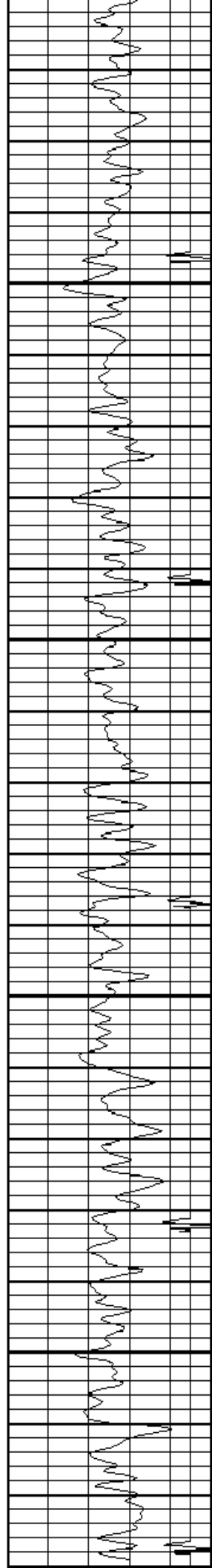
← AMPS5

← AMPS4

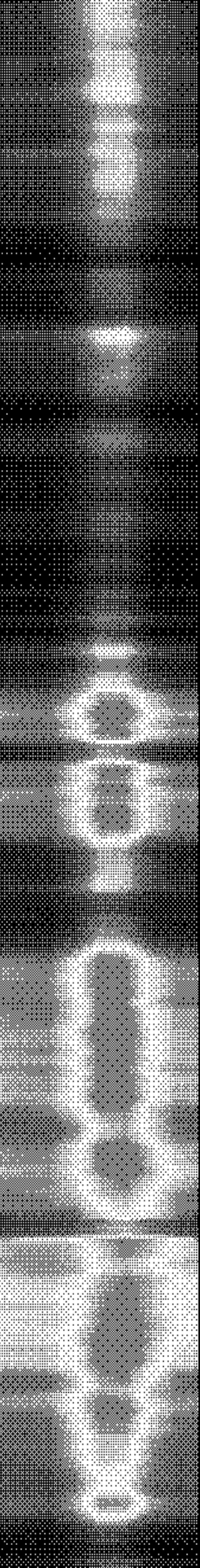
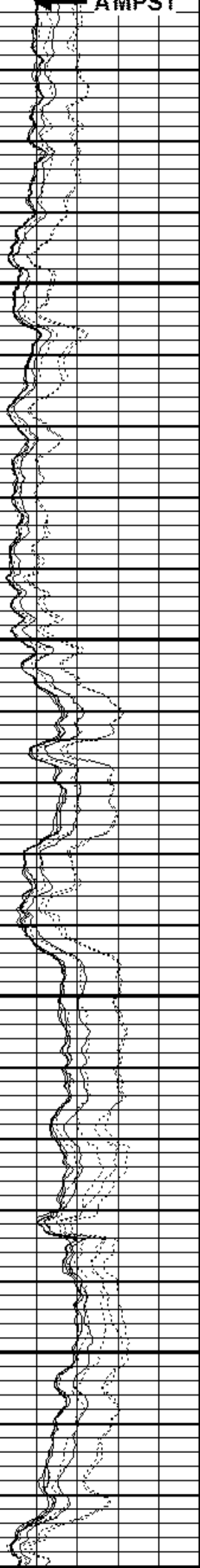
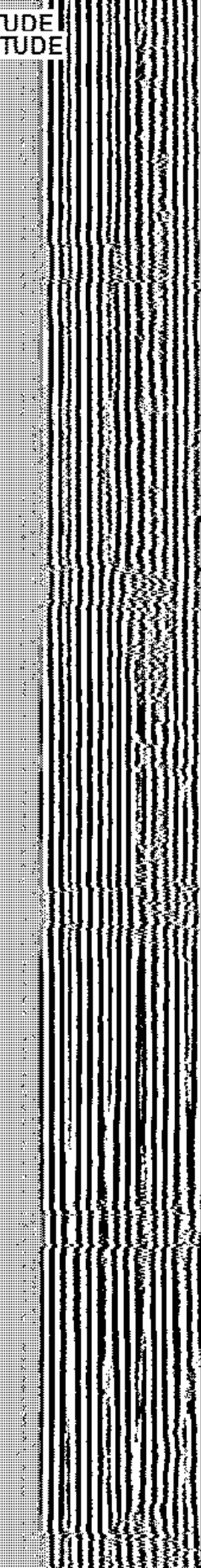
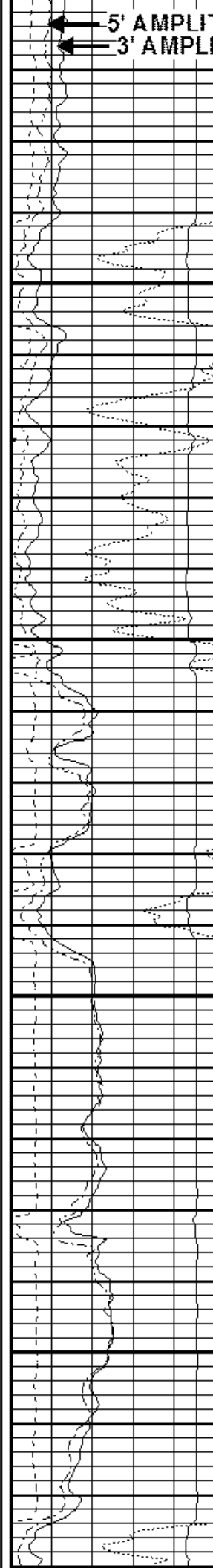
← AMPS3

← AMPS2

← AMPS1



3050
7" 26#
3100
3150
3200



5' AMPLITUDE
3' AMPLITUDE

AMPST

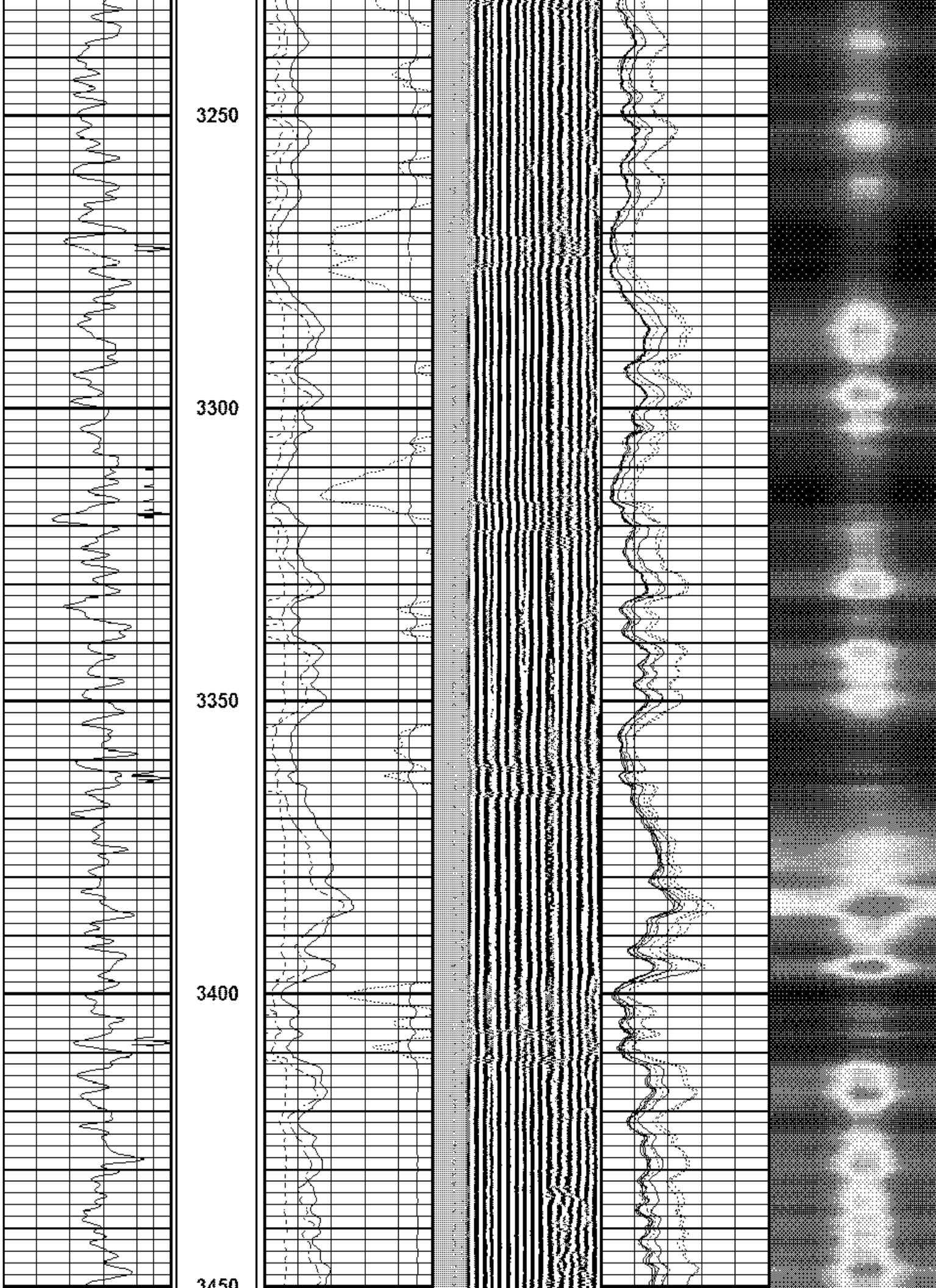
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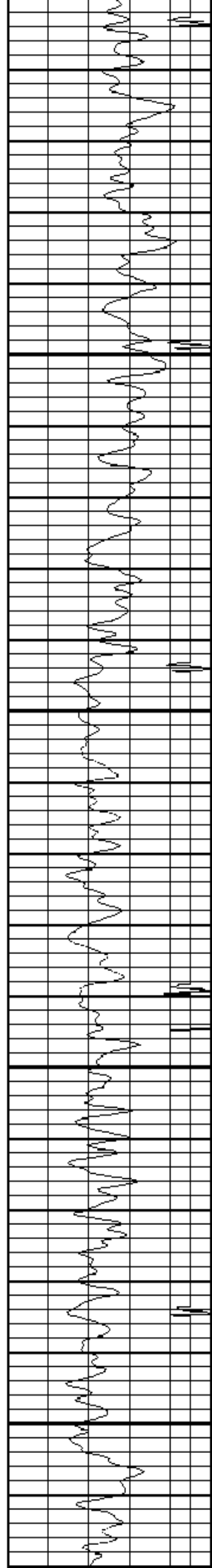
3300

3350

3400

3450





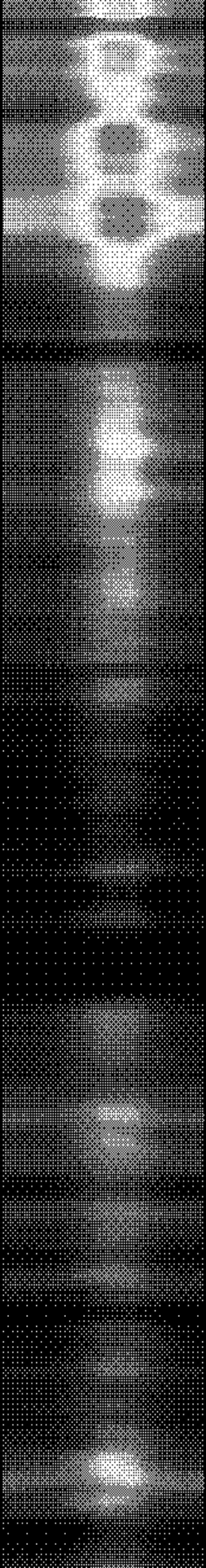
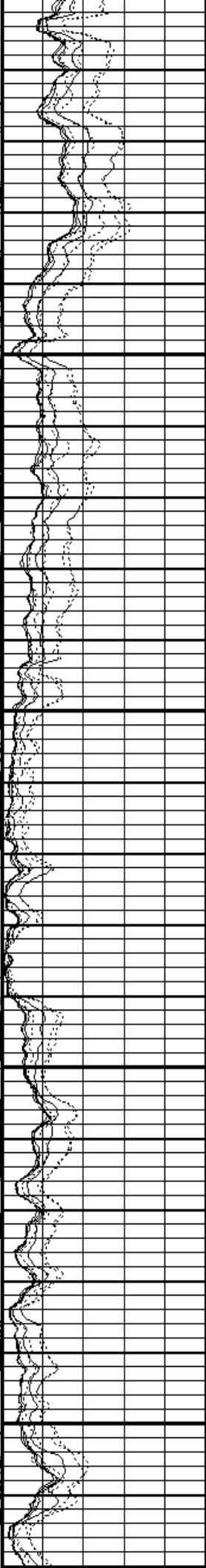
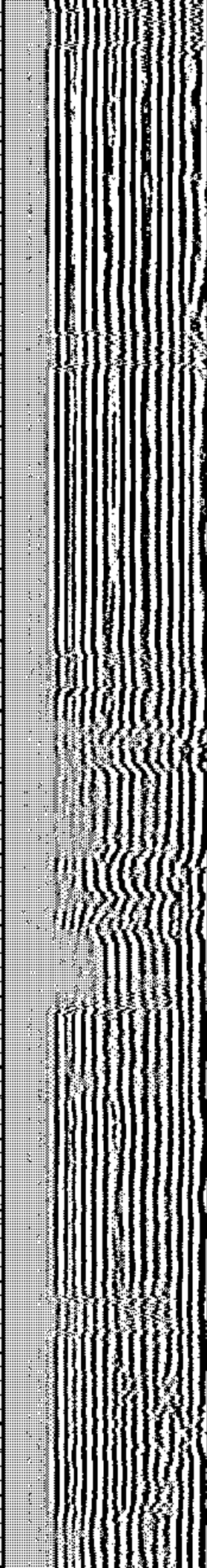
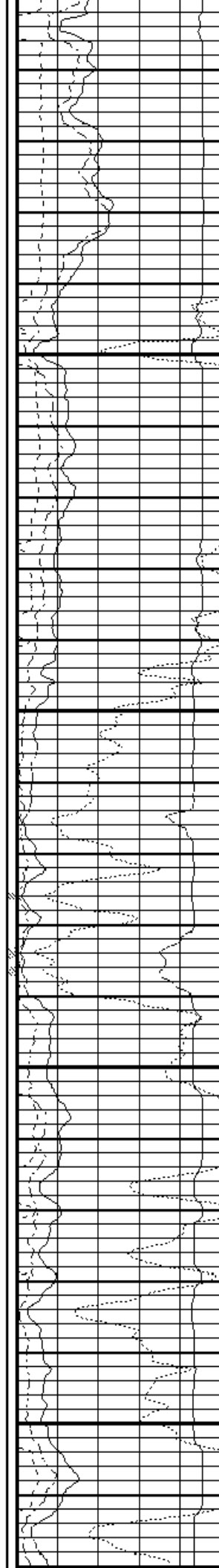
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3500

3550

3600

3650

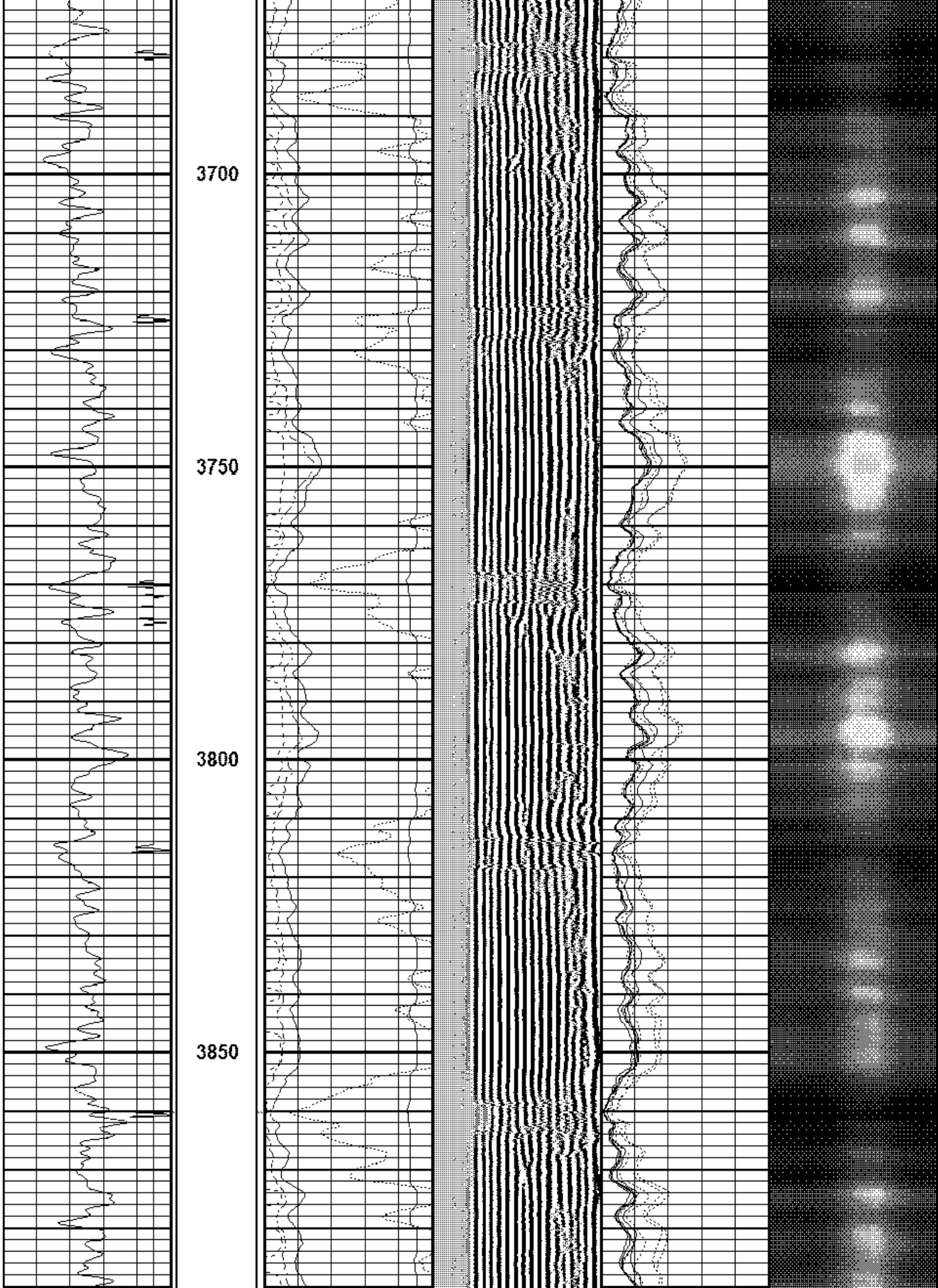


3700

3750

3800

3850



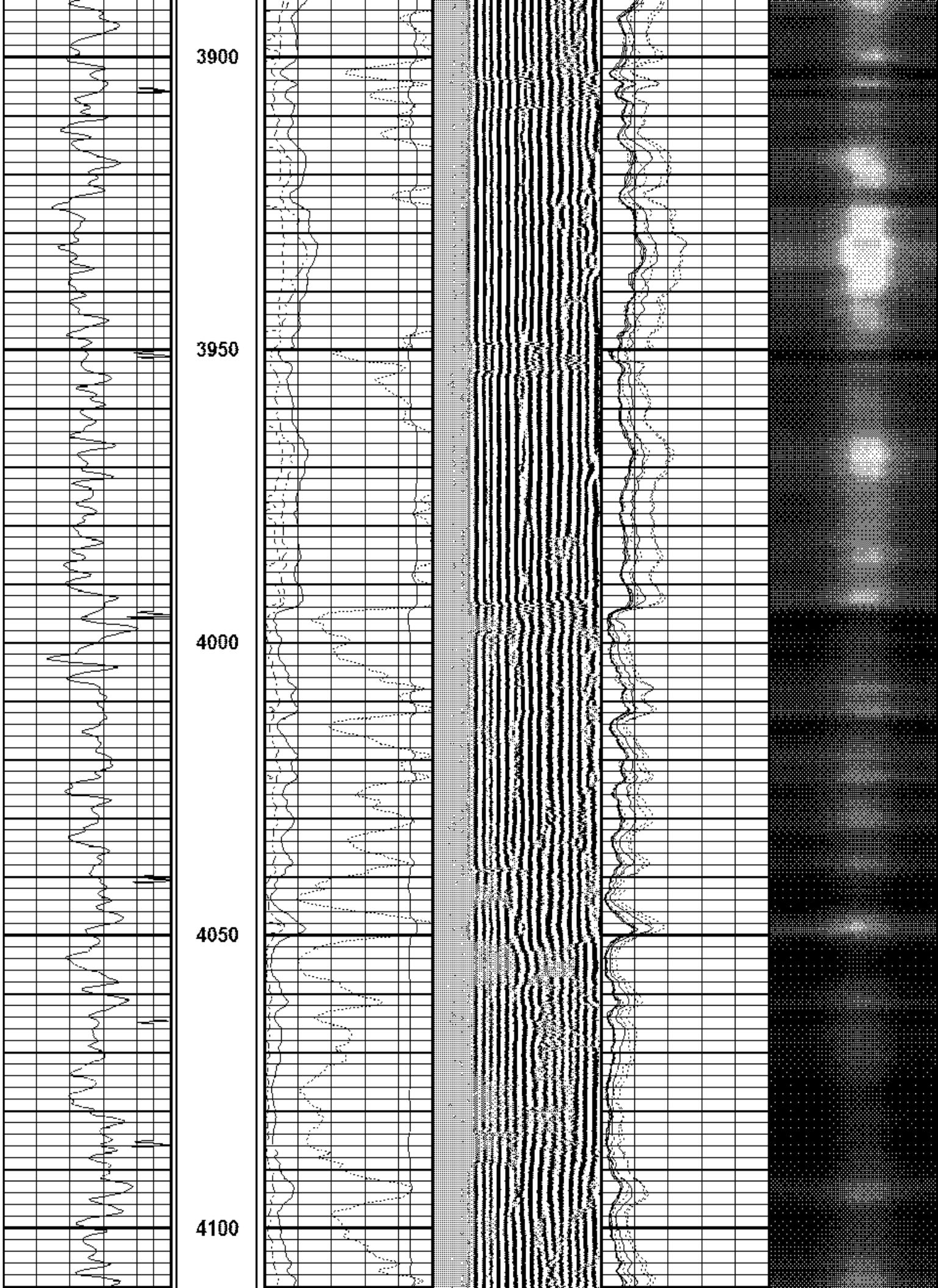
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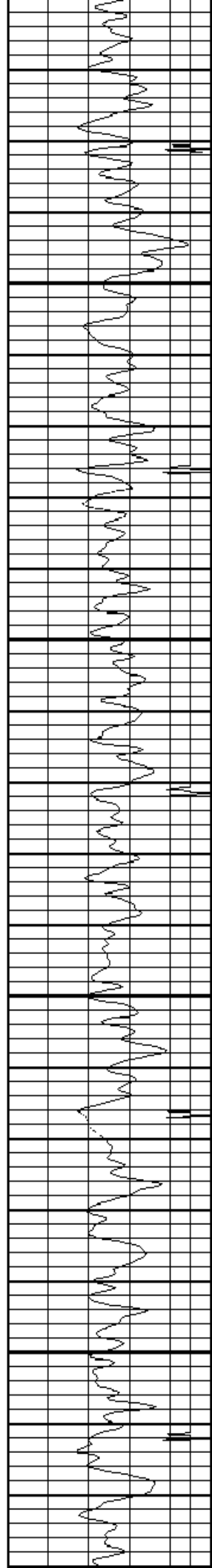
3950

4000

4050

4100



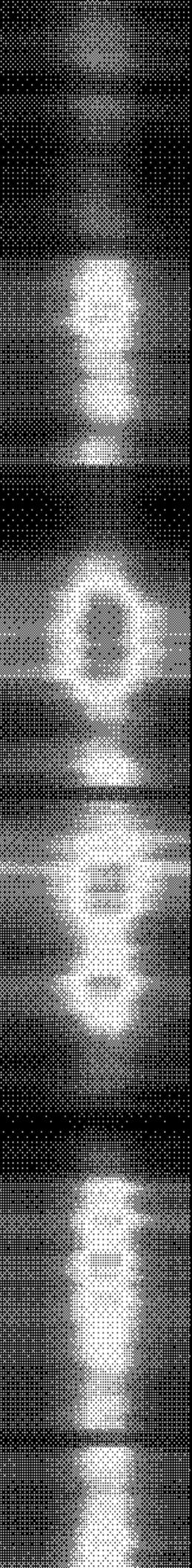
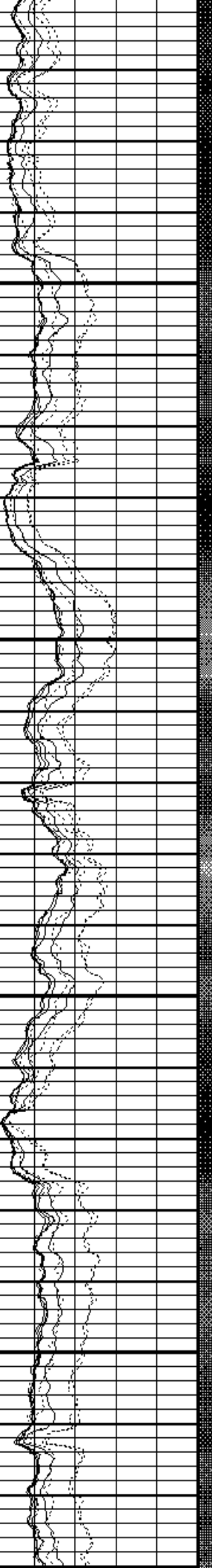
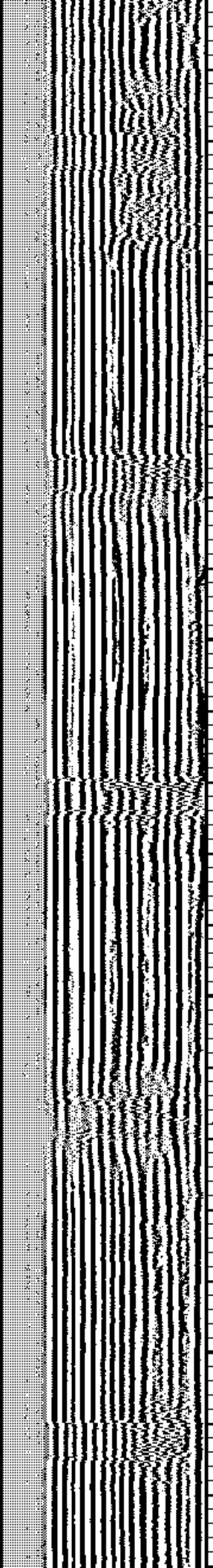
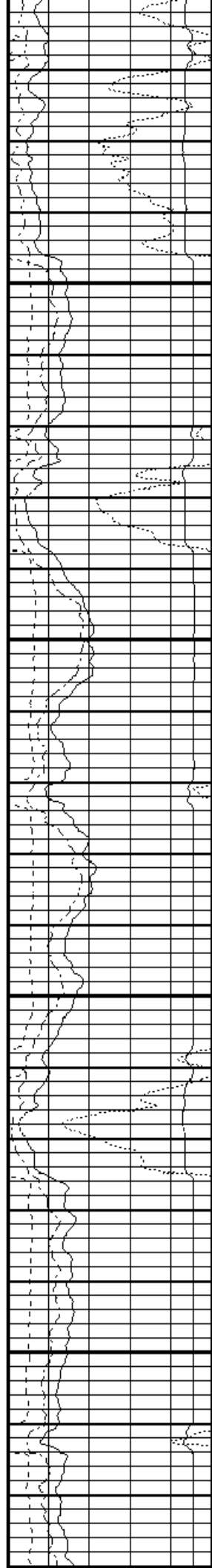


4150

4200

4250

4300



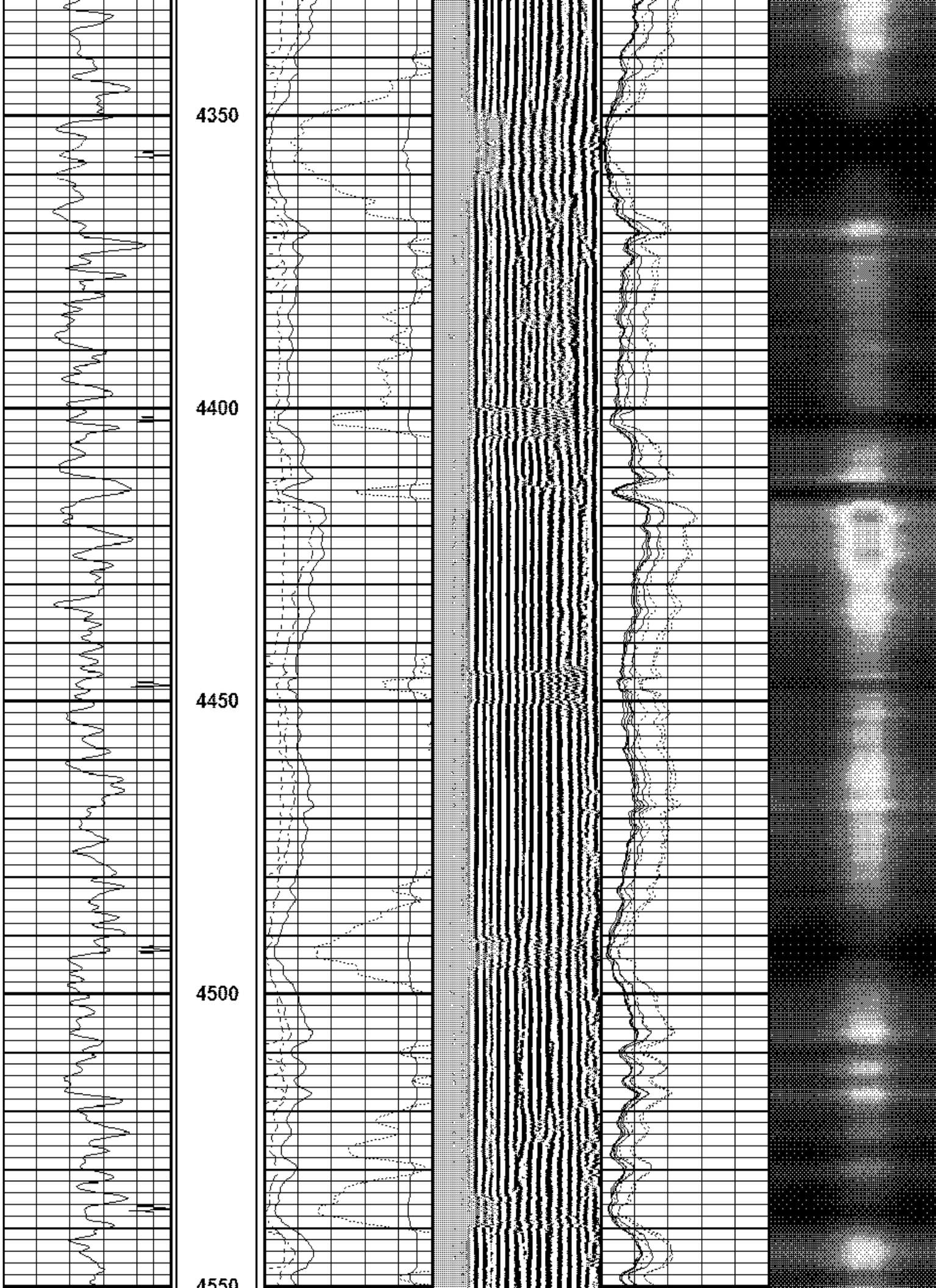
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4400

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4500

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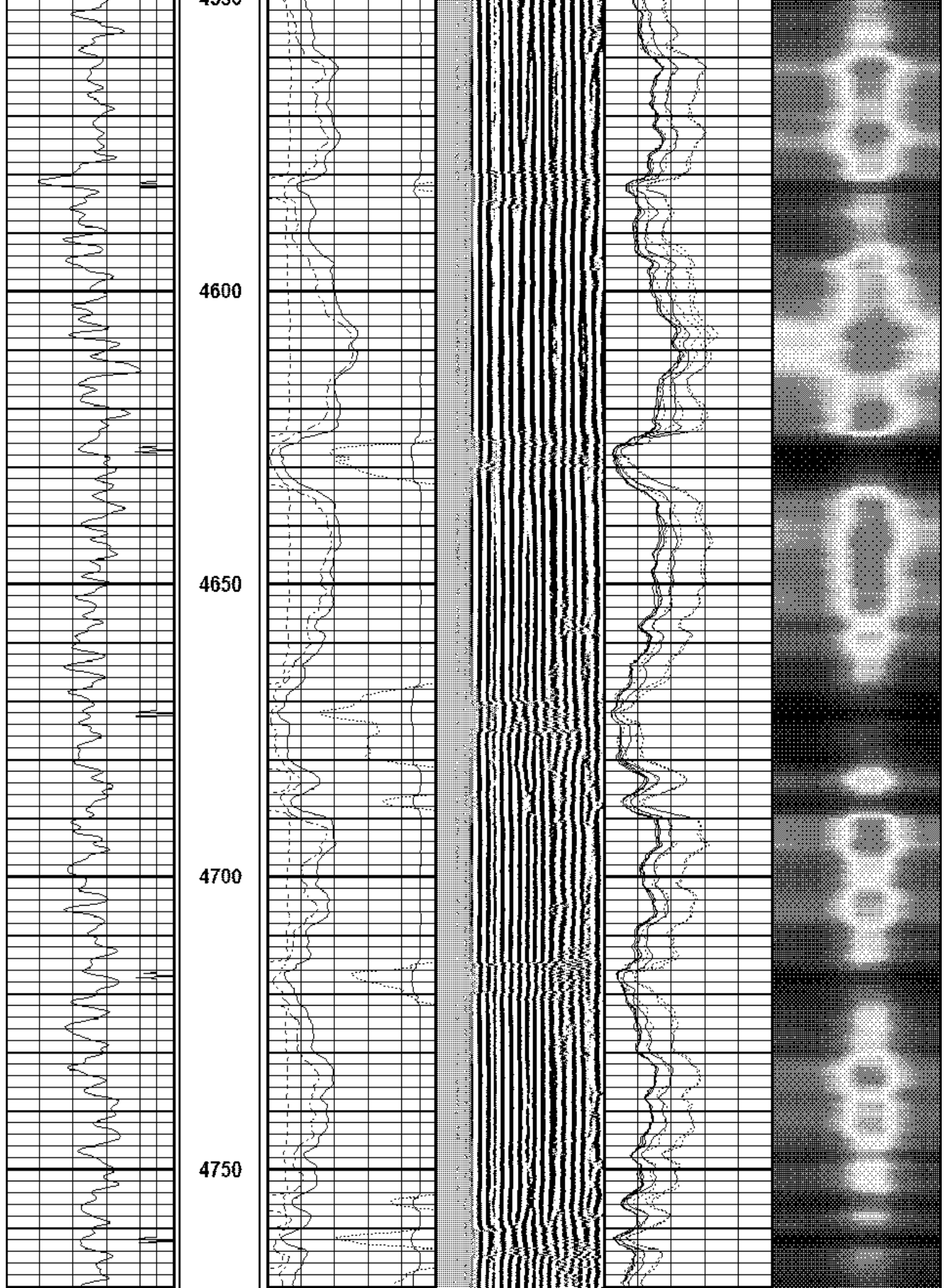
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4600

4650

4700

4750

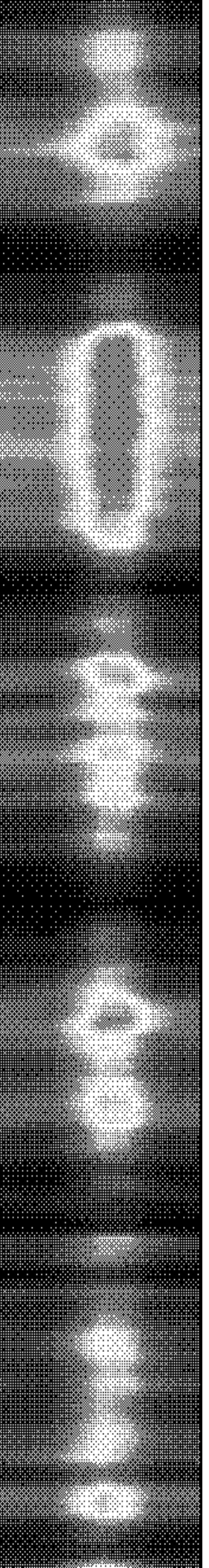
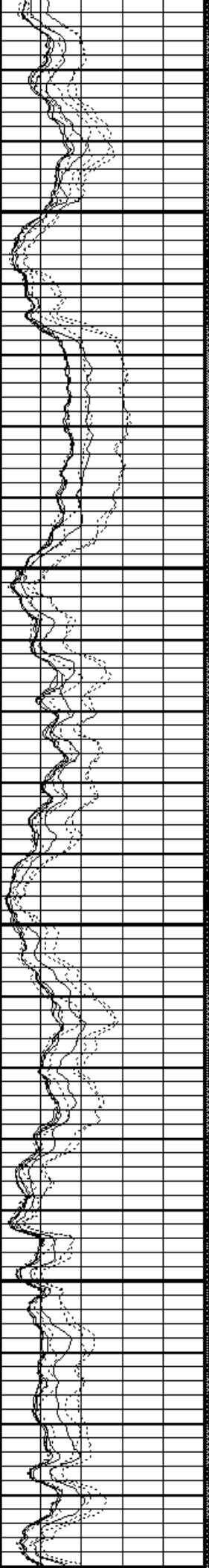
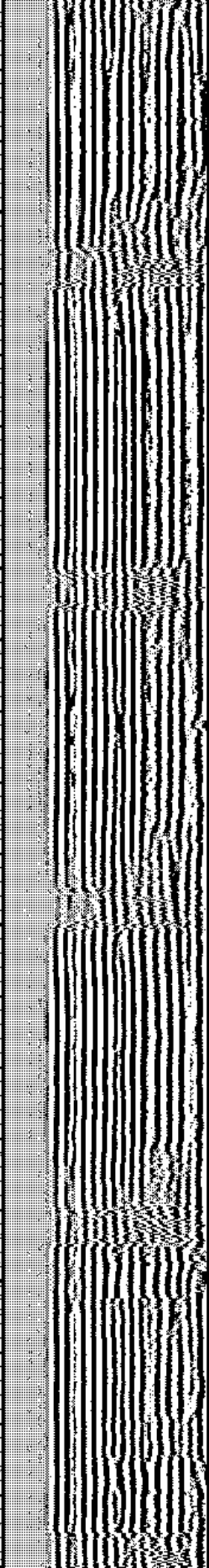
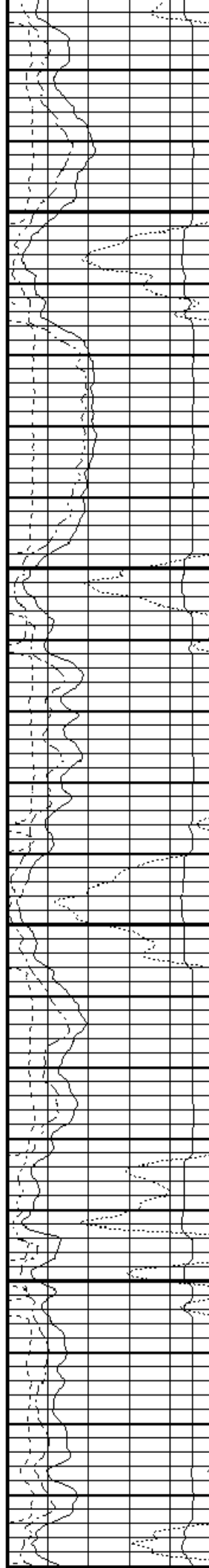
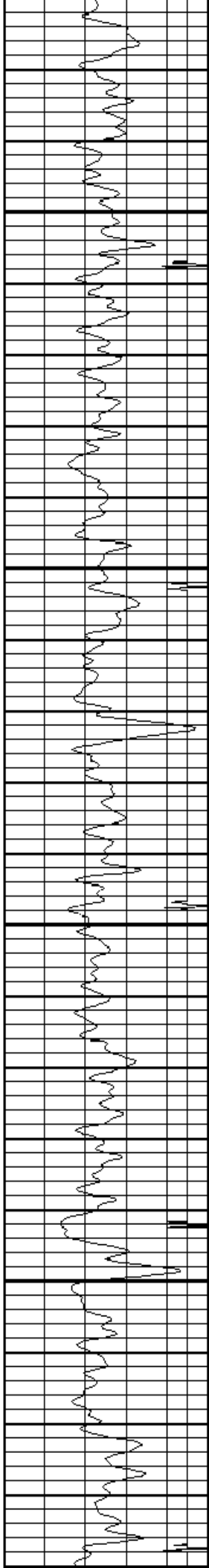


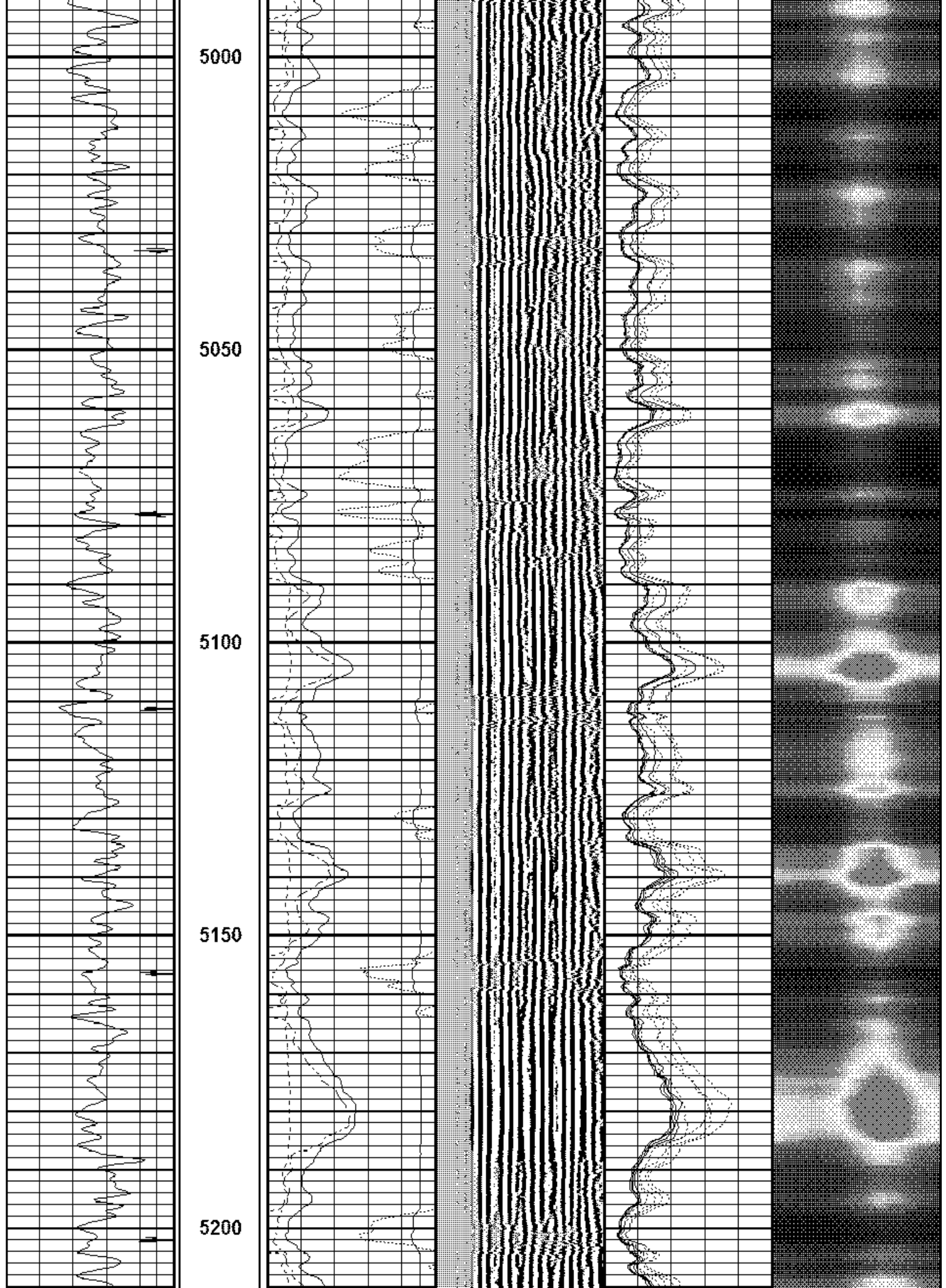
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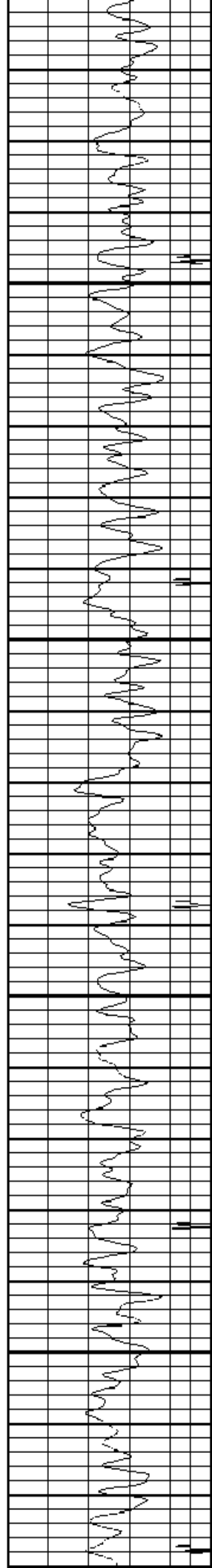
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4900

4950





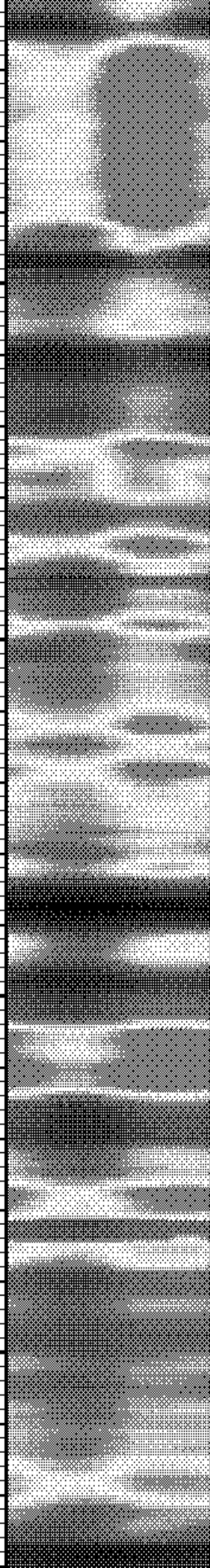
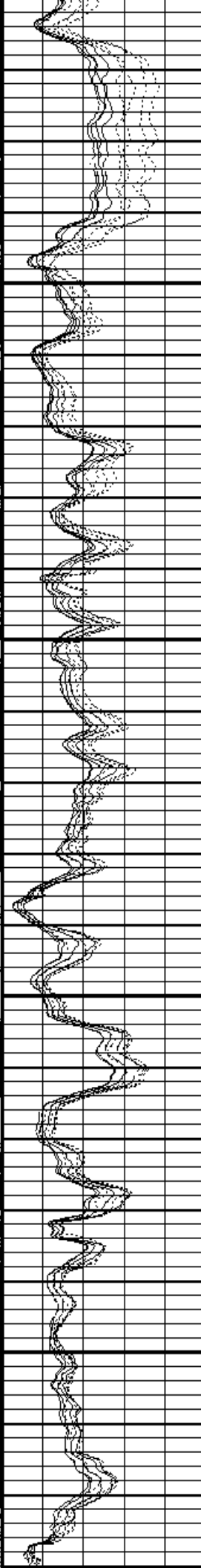
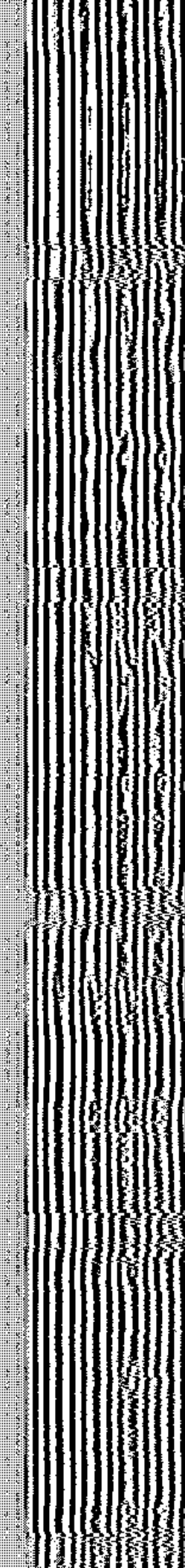
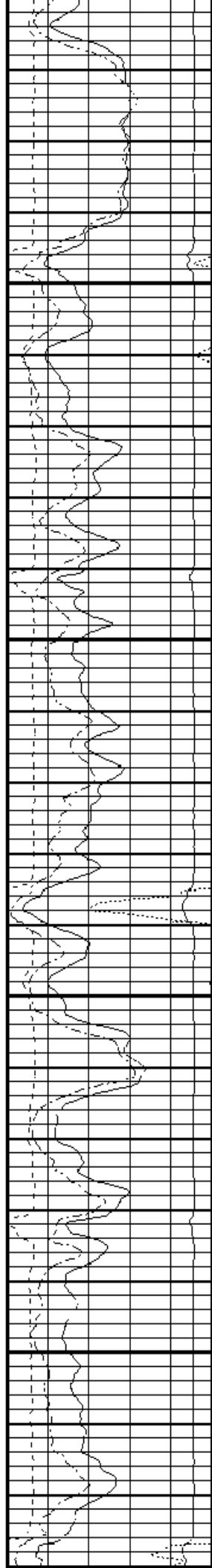


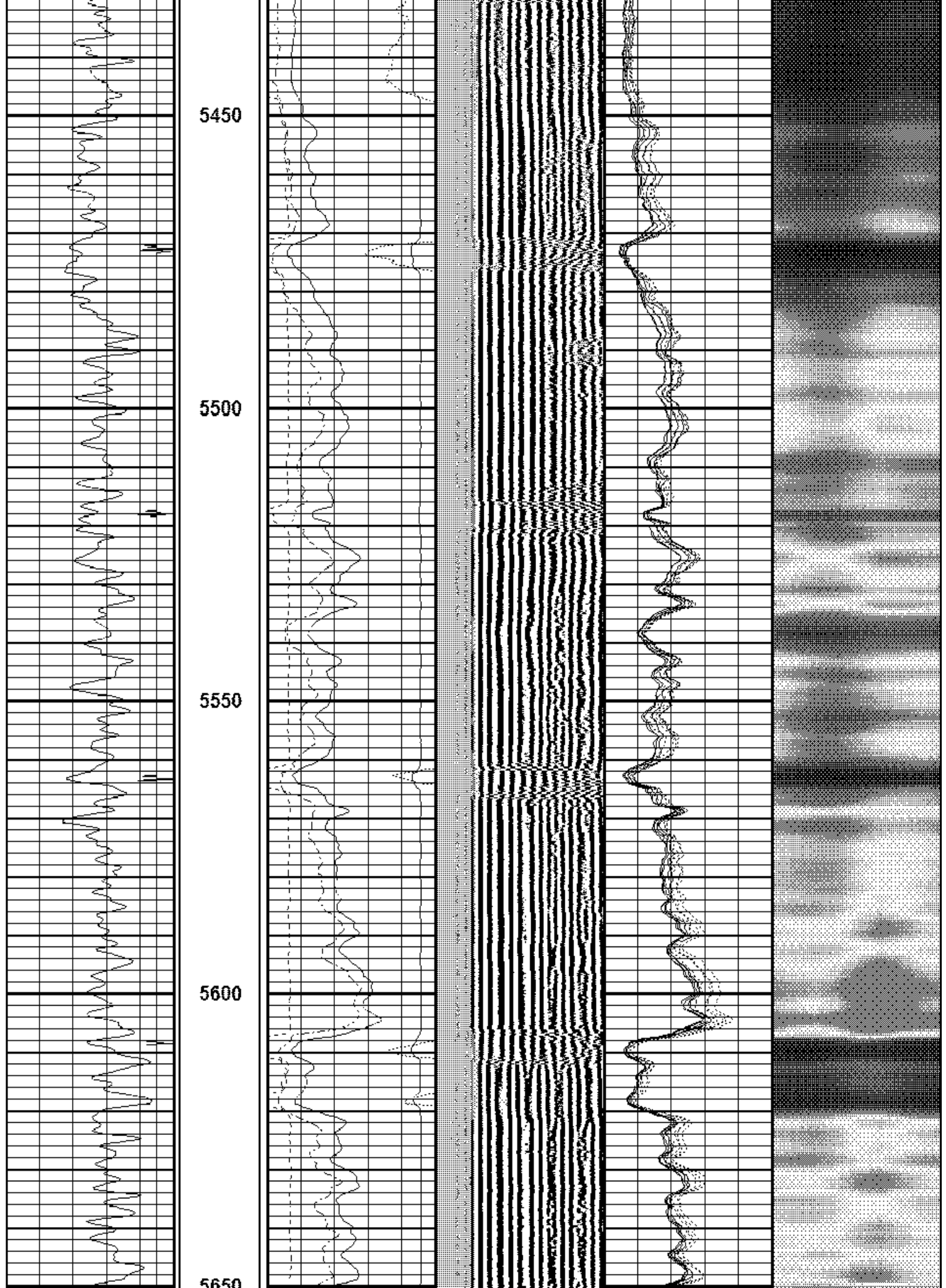
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5350

5400





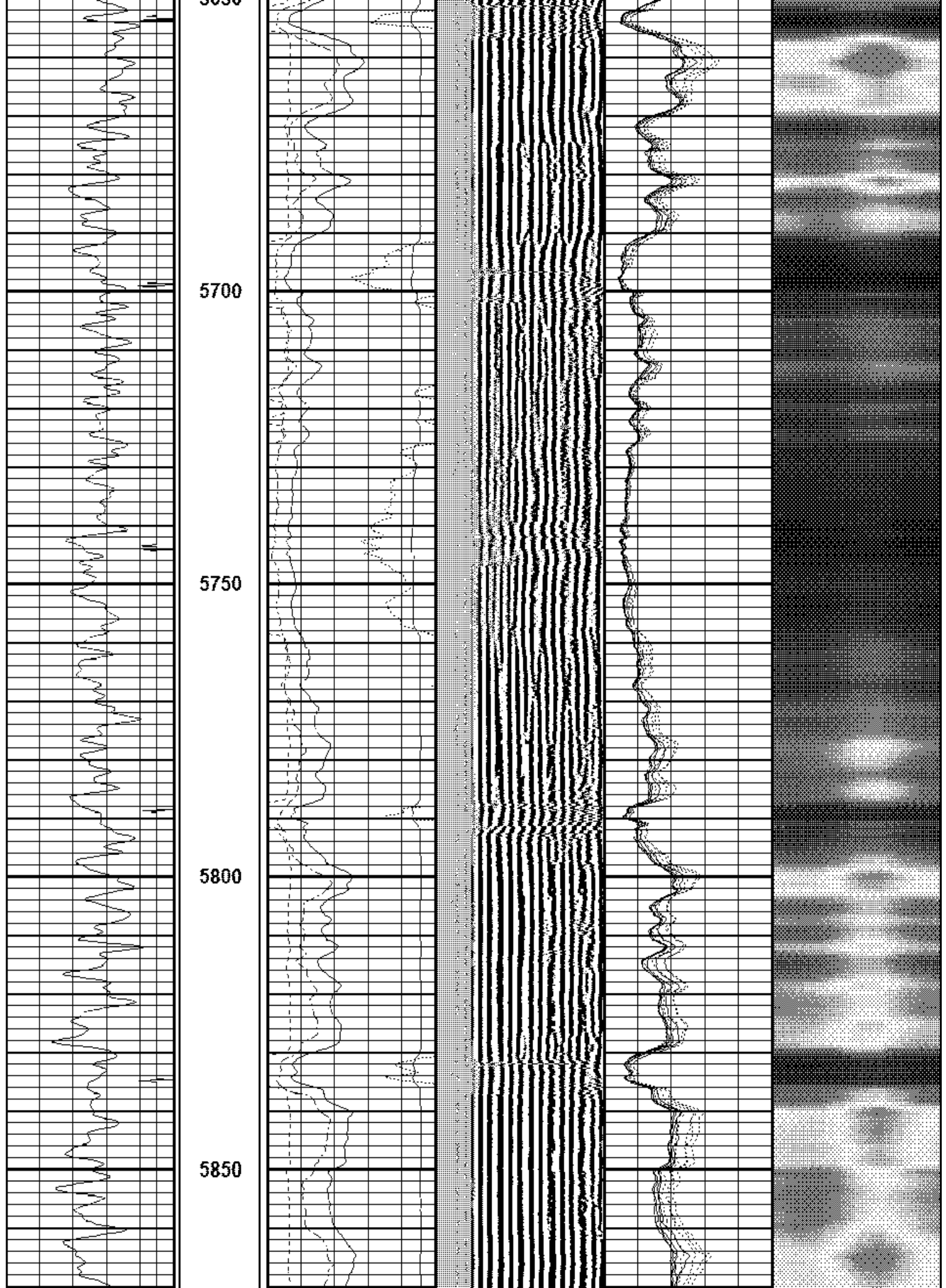
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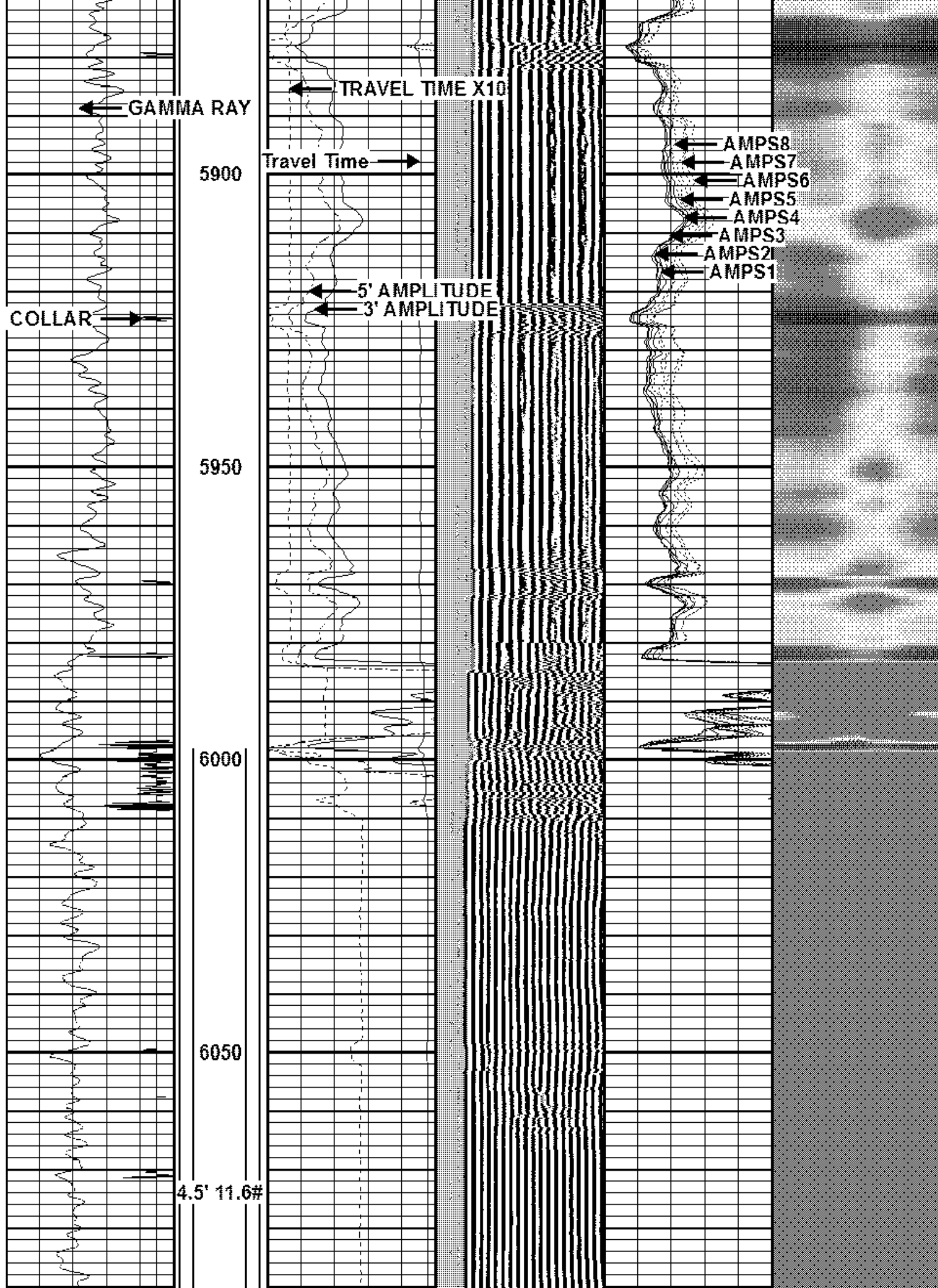
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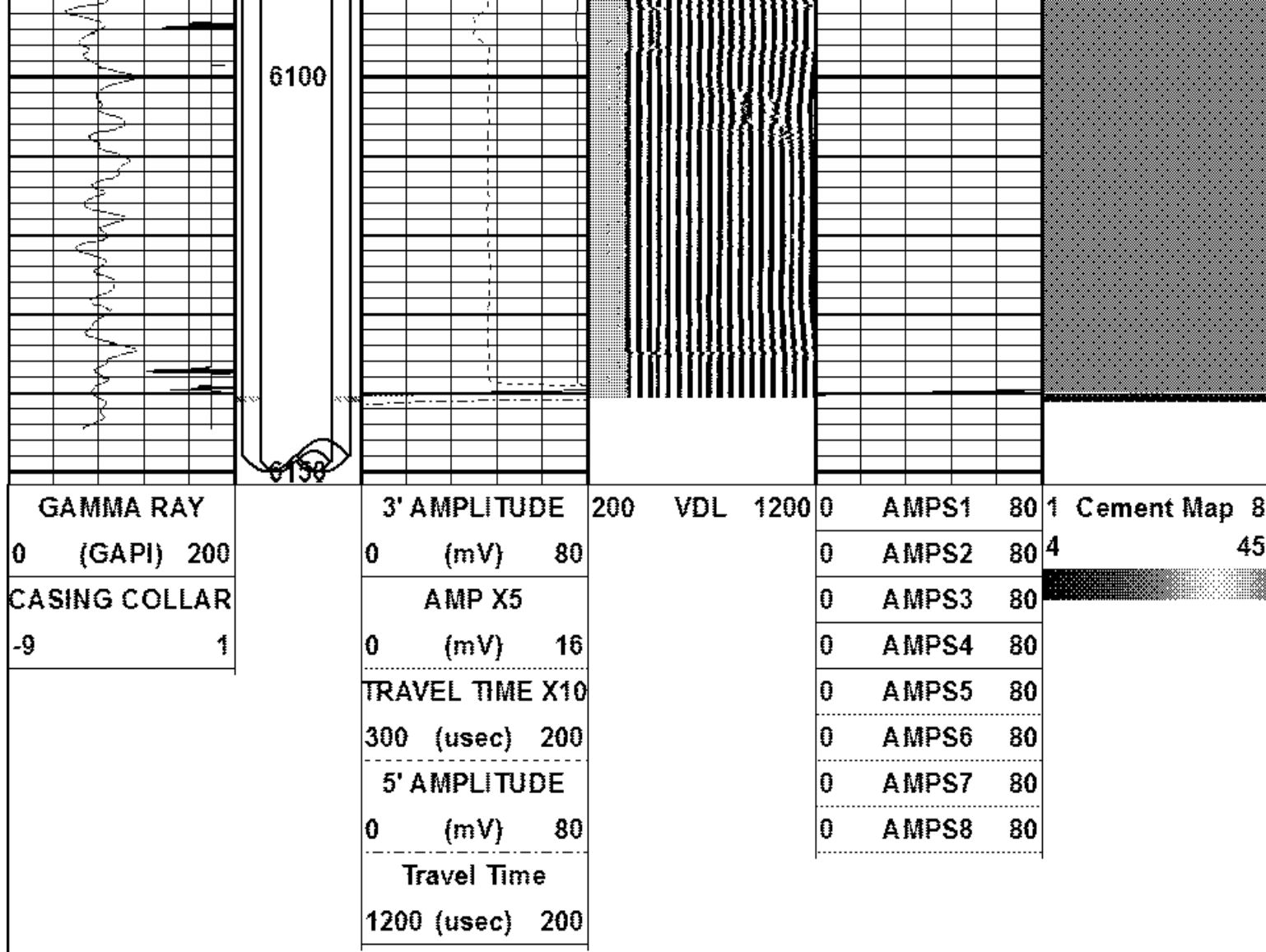
5750

5800

5850







Calibration Report

Database File: ans0108c2b.db
 Dataset Pathname: pass1
 Dataset Creation: Sat Dec 12 10:35:09 2015

Gamma Ray Calibration Report

Serial Number: 060719
 Tool Model: Probe
 Performed: Sat Aug 08 12:49:03 2015

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 060632
 Tool Model: Probe

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 301.300 ft

Master Calibration performed Fri Nov 13 11:21:35 2015

Master Calibration, performed Fri Nov 10 17:27:03 2016:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.405	0.450	91.000	224.695	0.047
CAL	0.357	0.419				
5'	0.004	0.351	0.450	91.000	260.962	-0.576
SUM						
S1	0.011	0.412	0.000	91.000	227.091	-2.564
S2	0.003	0.415	0.000	91.000	220.822	-0.663
S3	0.001	0.437	0.000	91.000	208.816	-0.245
S4	0.002	0.452	0.000	91.000	201.899	-0.352
S5	0.003	0.411	0.000	91.000	222.822	-0.598
S6	0.002	0.378	0.000	91.000	242.099	-0.600
S7	0.002	0.385	0.000	91.000	237.639	-0.545
S8	0.002	0.402	0.000	91.000	227.590	-0.472

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.357	0.419	1.000	0.000

Air Zero Calibration, performed Sat Dec 12 07:34:17 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.013		0.000		-0.011	
5'	0.014		0.000		-0.010	
SUM						
S1	0.021		0.000		-0.010	
S2	0.014		0.000		-0.011	
S3	0.013		0.000		-0.012	
S4	0.013		0.000		-0.012	
S5	0.013		0.000		-0.011	
S6	0.013		0.000		-0.011	
S7	0.013		0.000		-0.011	
S8	0.013		0.000		-0.011	