

SECTOR BOND TOOL

PROVINCE N.W.T		COMPANY PARAMOUNT RESOURCES LTD	
FIELD CAMERON		WELL PARA et al CAMERON J-04	
WELL 300/L-04-60-10-117-30		WELL PARA et al CAMERON J-04	
COMPANY PARAMOUNT RESOURCES LTD		WELL 300/J-04-60-10-117-30	
FIELD CAMERON		FIELD CAMERON	
PROVINCE N.W.T		PROVINCE N.W.T	
LSD Perm. Datum Ground Level Log measured from K.B. , 8.38 m above Permanent Datum.		Sec. Twp. Rge. Elev. 764.62	
UWI 300/J-04-60-10-117-30		Other Services: PERFORATE	
Licence 2034		ELEV. K.B. 773.00 G.L. 764.62	
Date MARCH 16 2007	Service Order 4313640	Shot Density	No. of Shots
Run No. ONE	BHT 0°C		Perf. Interval
Depth-Driller 1449.5			From To
Depth-Logger 1435.5			
Btm. Log Inter. 1435.5			
Top Log Inter. 164.0			
Fluid in Hole WATER			
Fluid Level 164.0			
Bit Size (mm) 0.0			
Unit # 14215			
Location HIGH LEVEL			
Recorded By D. BOIRE			
Witnessed By K. McLEOD			
Other Services			
Service	Type	Size	Depth
Bridge Plug			
Produc. Packer			
Cement Retainer			
Cement			
Tubing Bottom	Junk Basket Type		
Seating Nipple	Gauge Ring Size		

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS Rig: CONCORD #19 Service Order # 4313640
CORRELATED TO WEATHERFORD PHOTO DENSITY DUAL SPACED NEUTRON LOG

DATED FEBRUARY 15 2007

TICKET # 10155023

EQUIPMENT DATA

Run No.	Tool Type	Tool No.	Other
ONE	SBTAA	166	SECTOR
	CTBAA	183	CCL - TELEMETRY
	GRBAA	183	GAMMA RAY

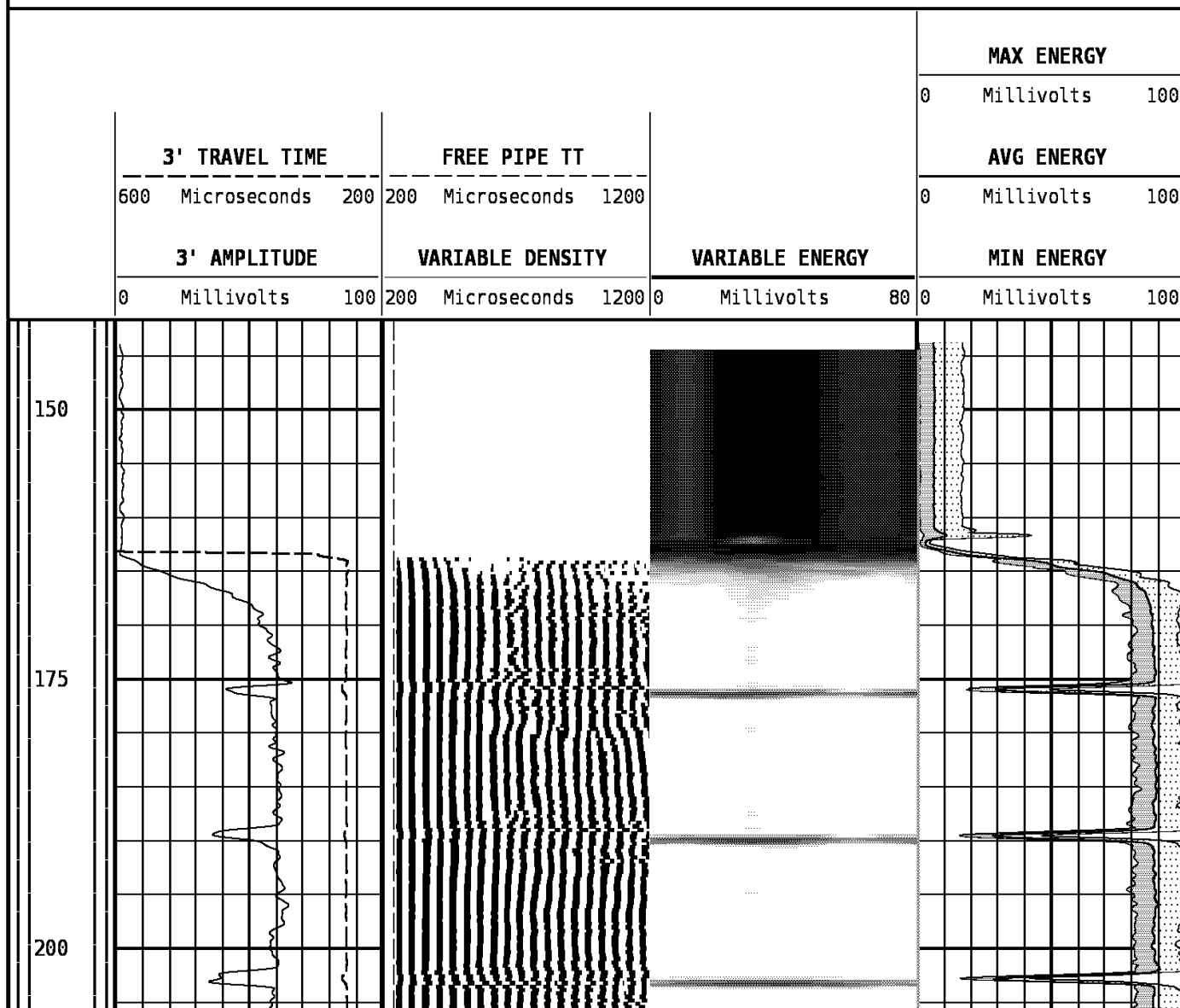
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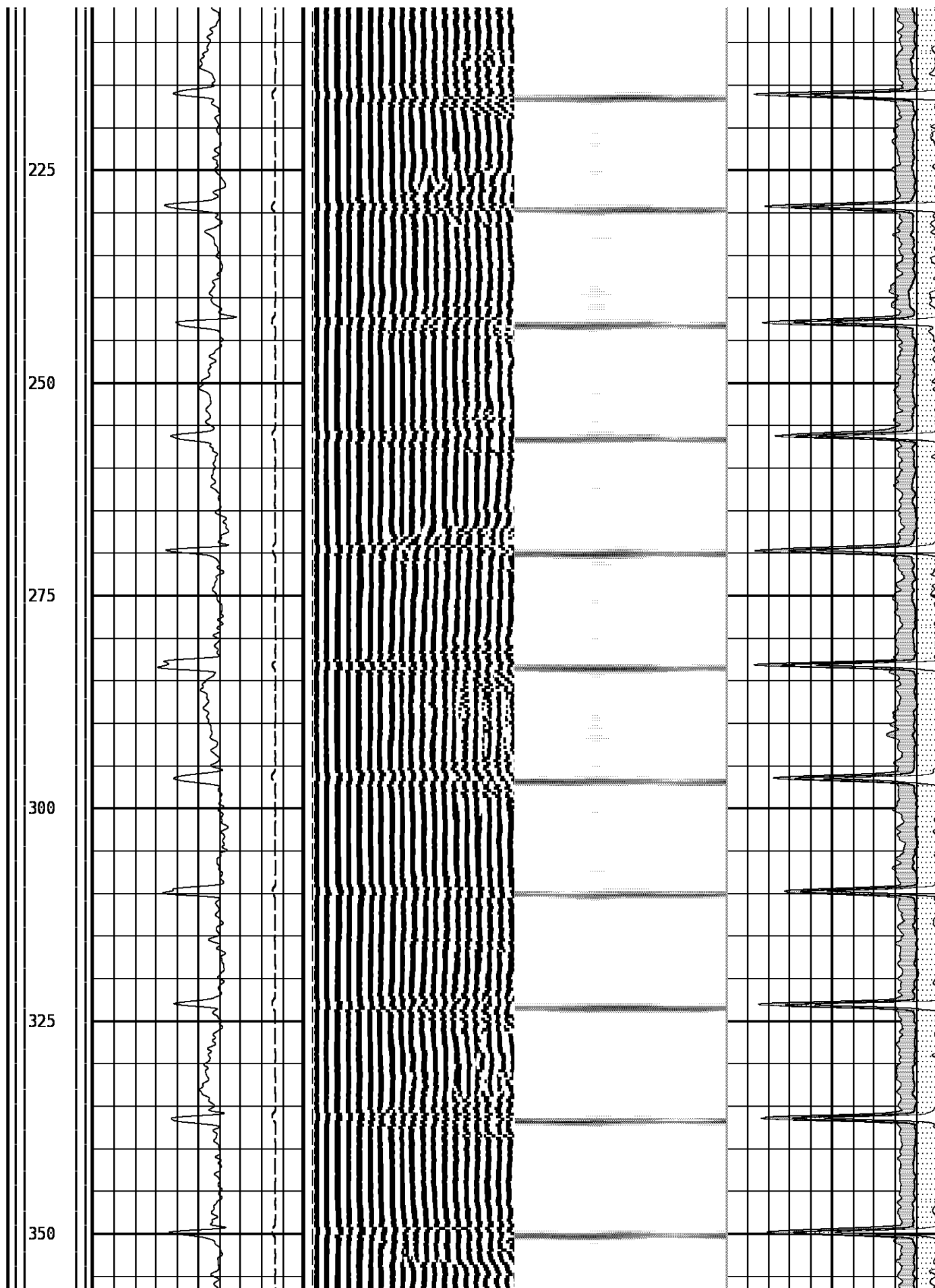
VERSION: 7021587 R

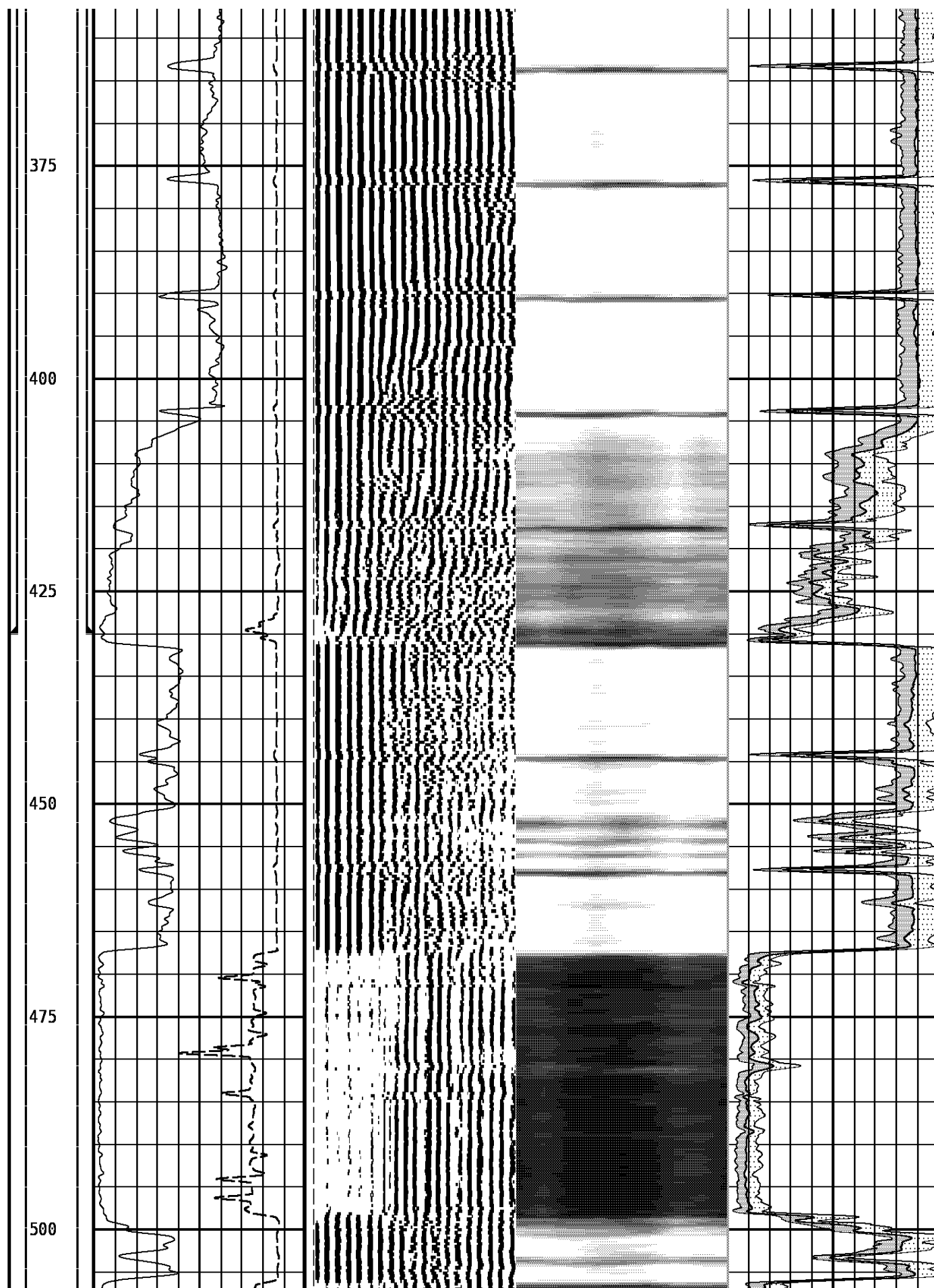
MERGED PASS

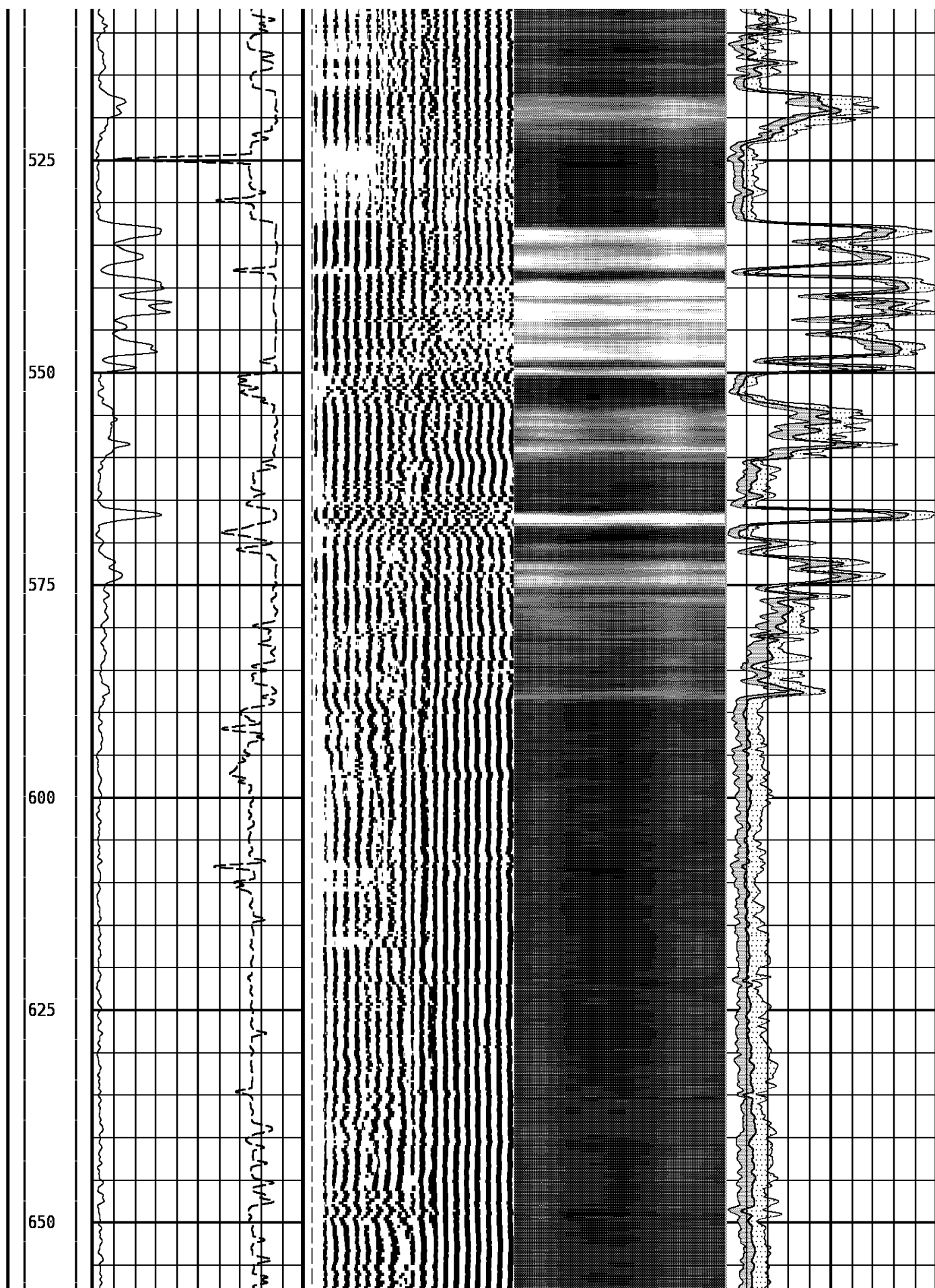
4313640 HSDA600

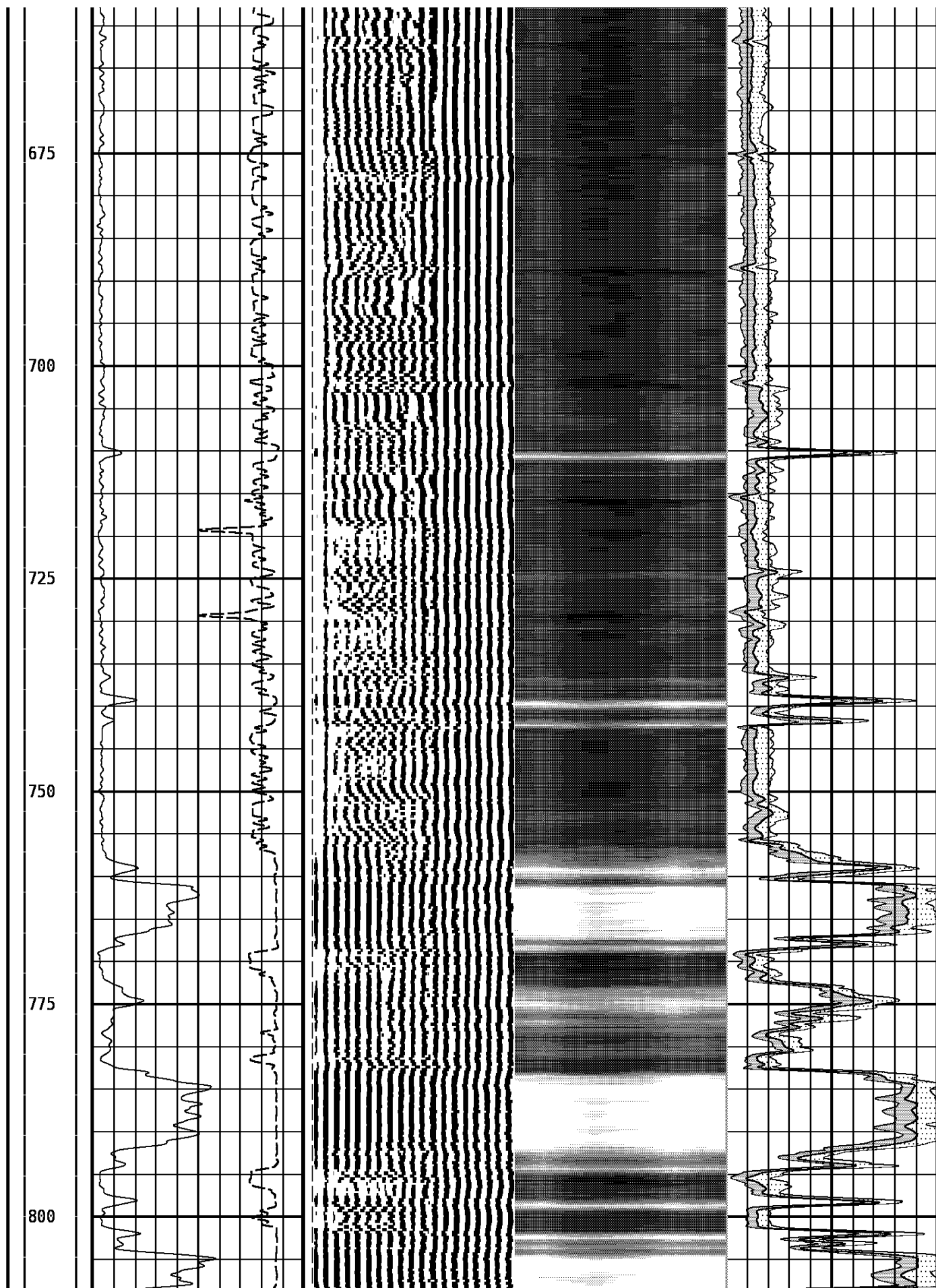
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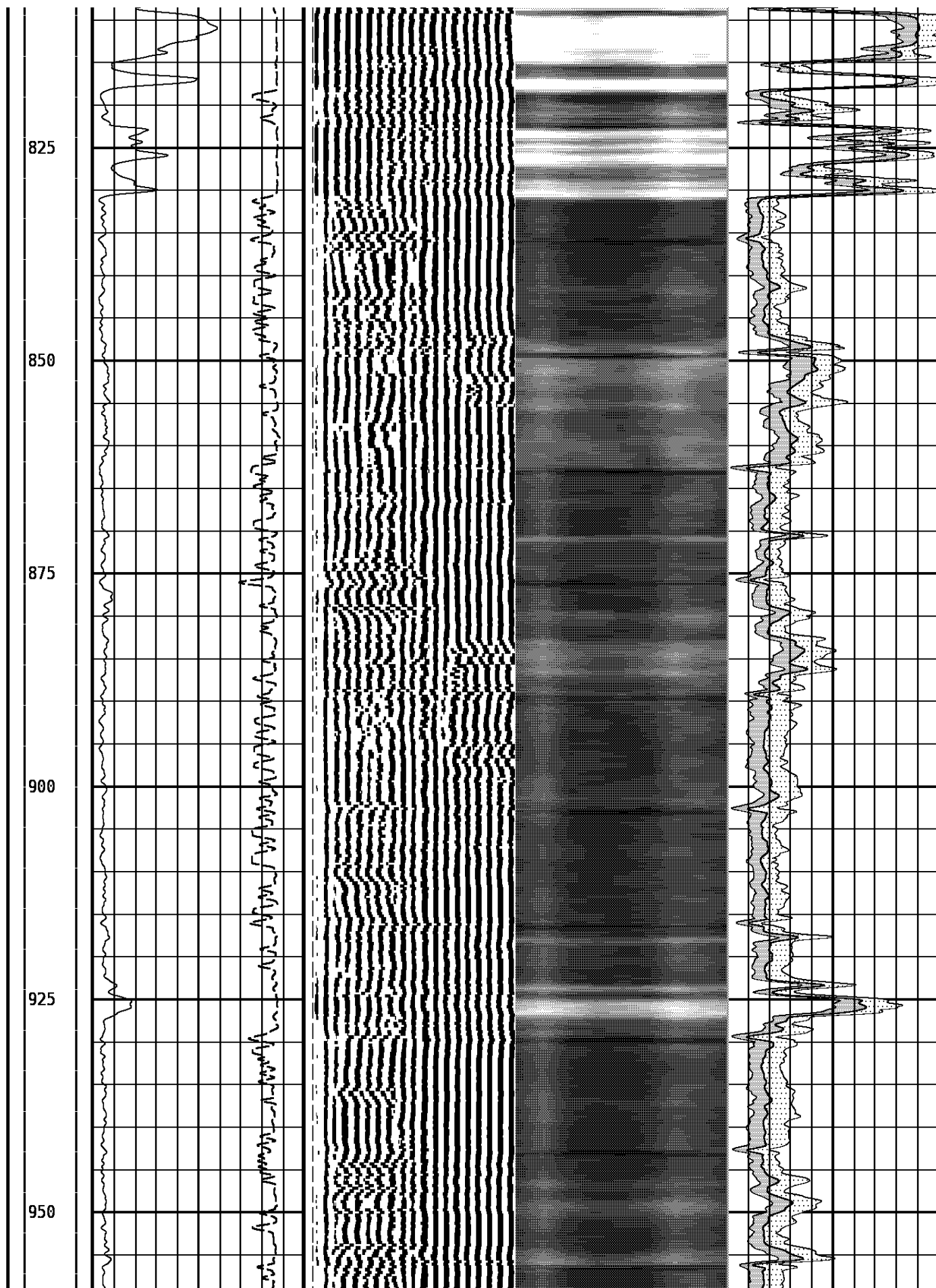


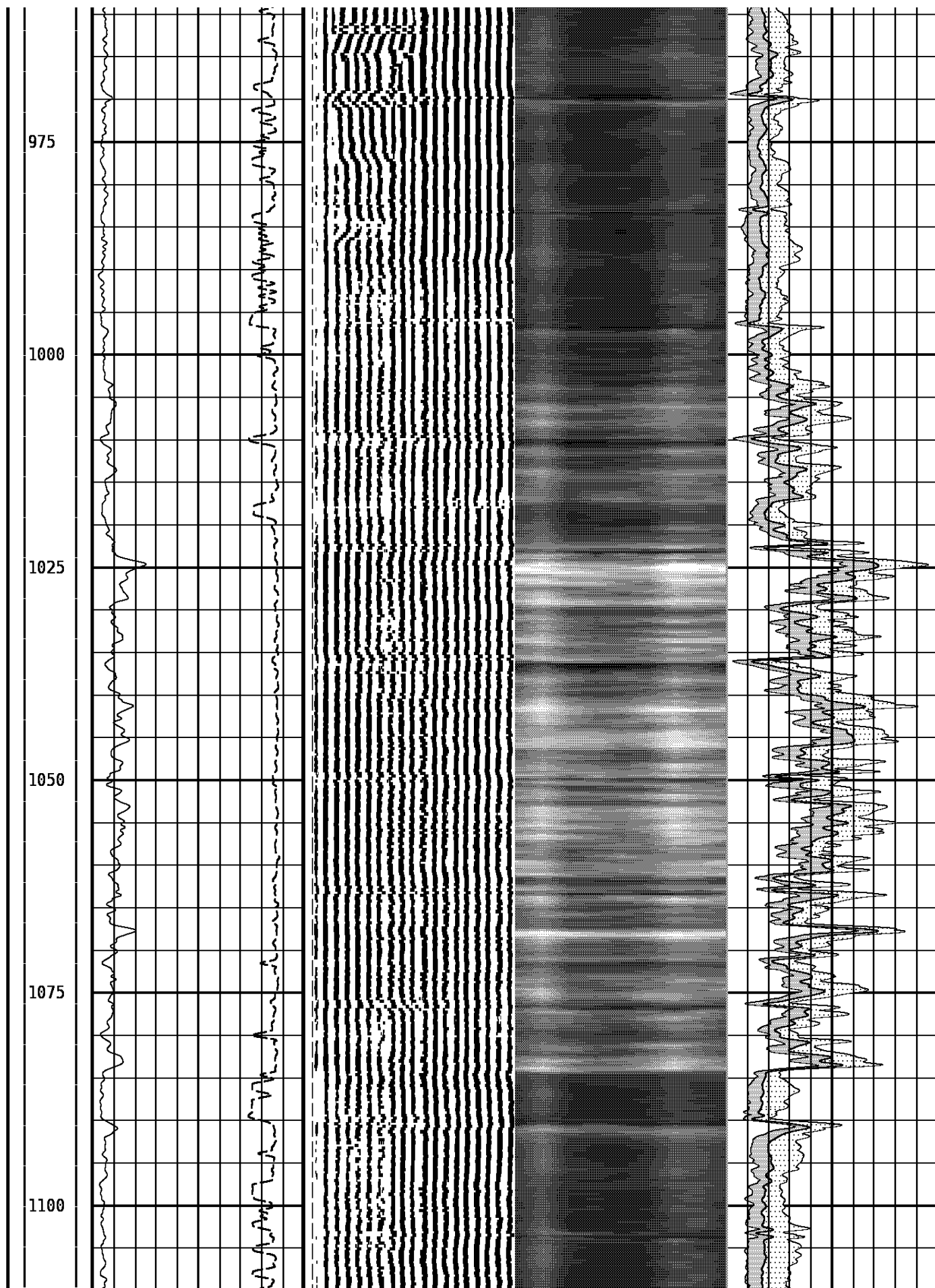


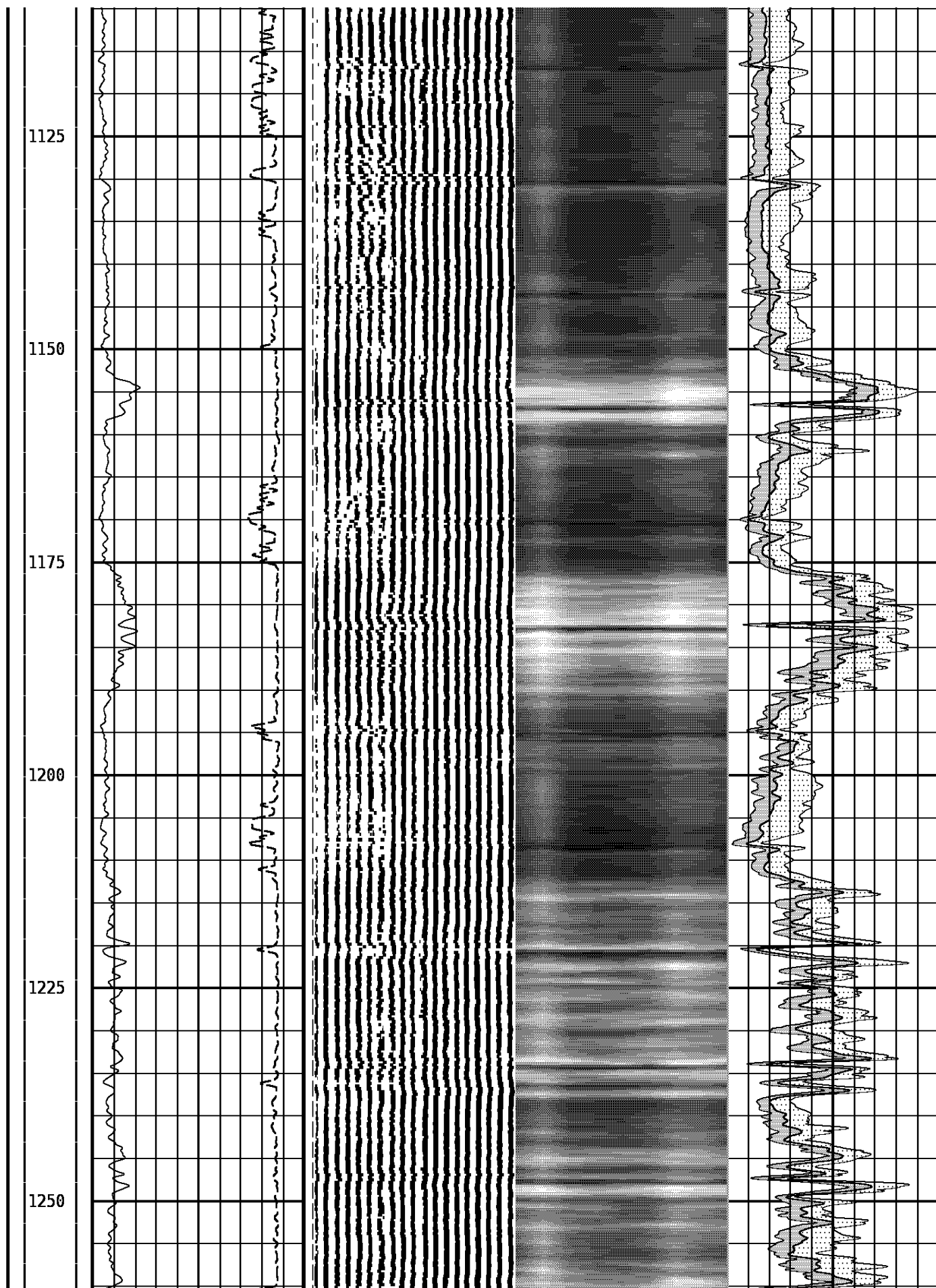


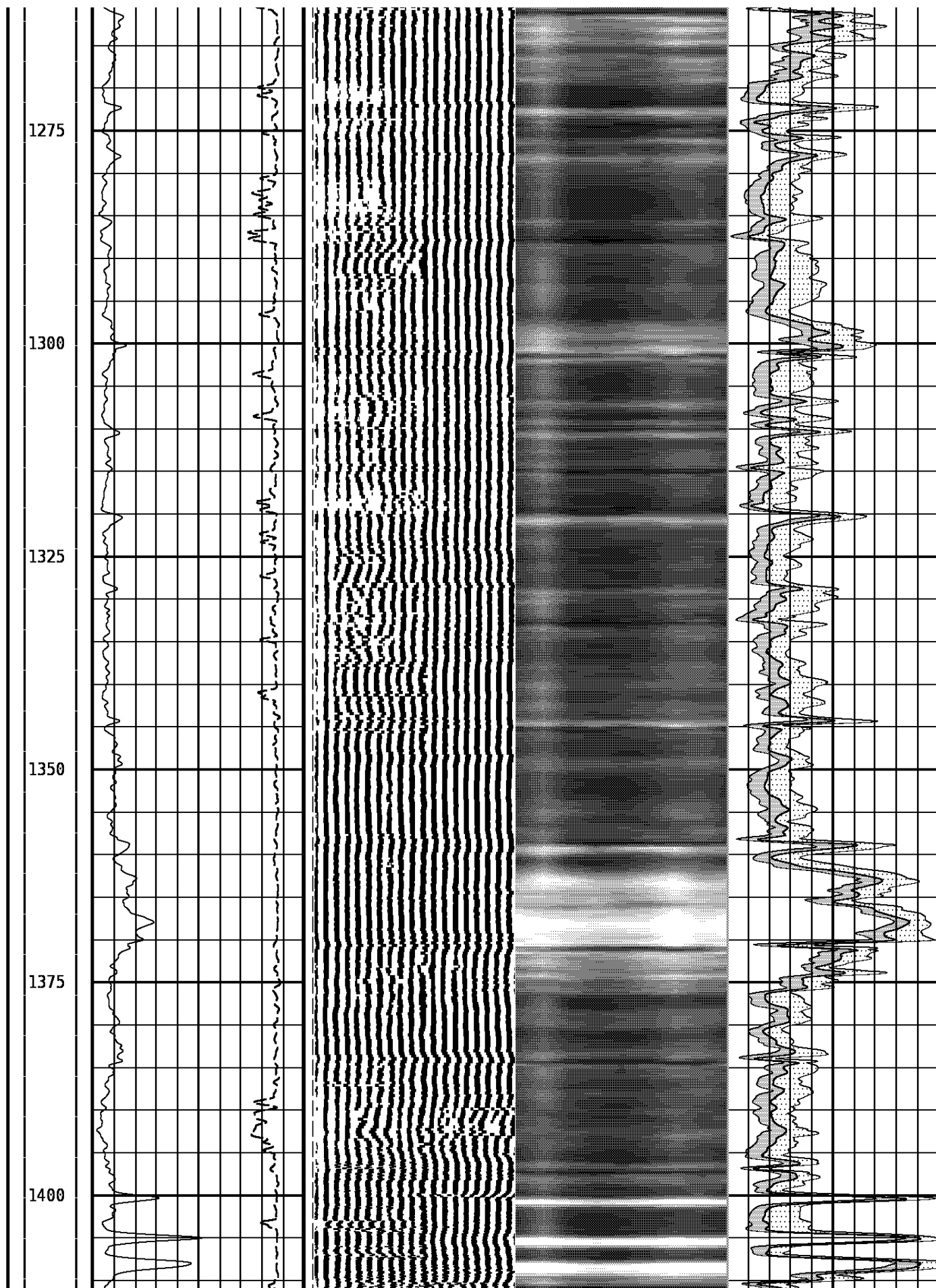


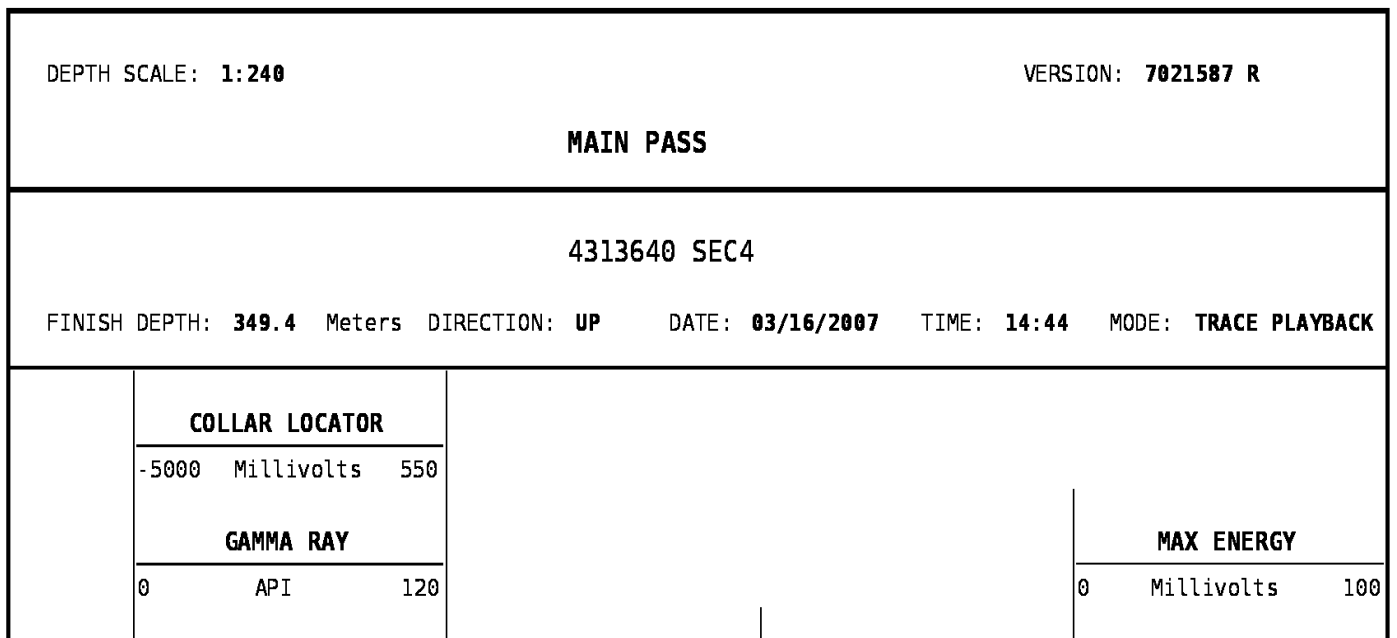
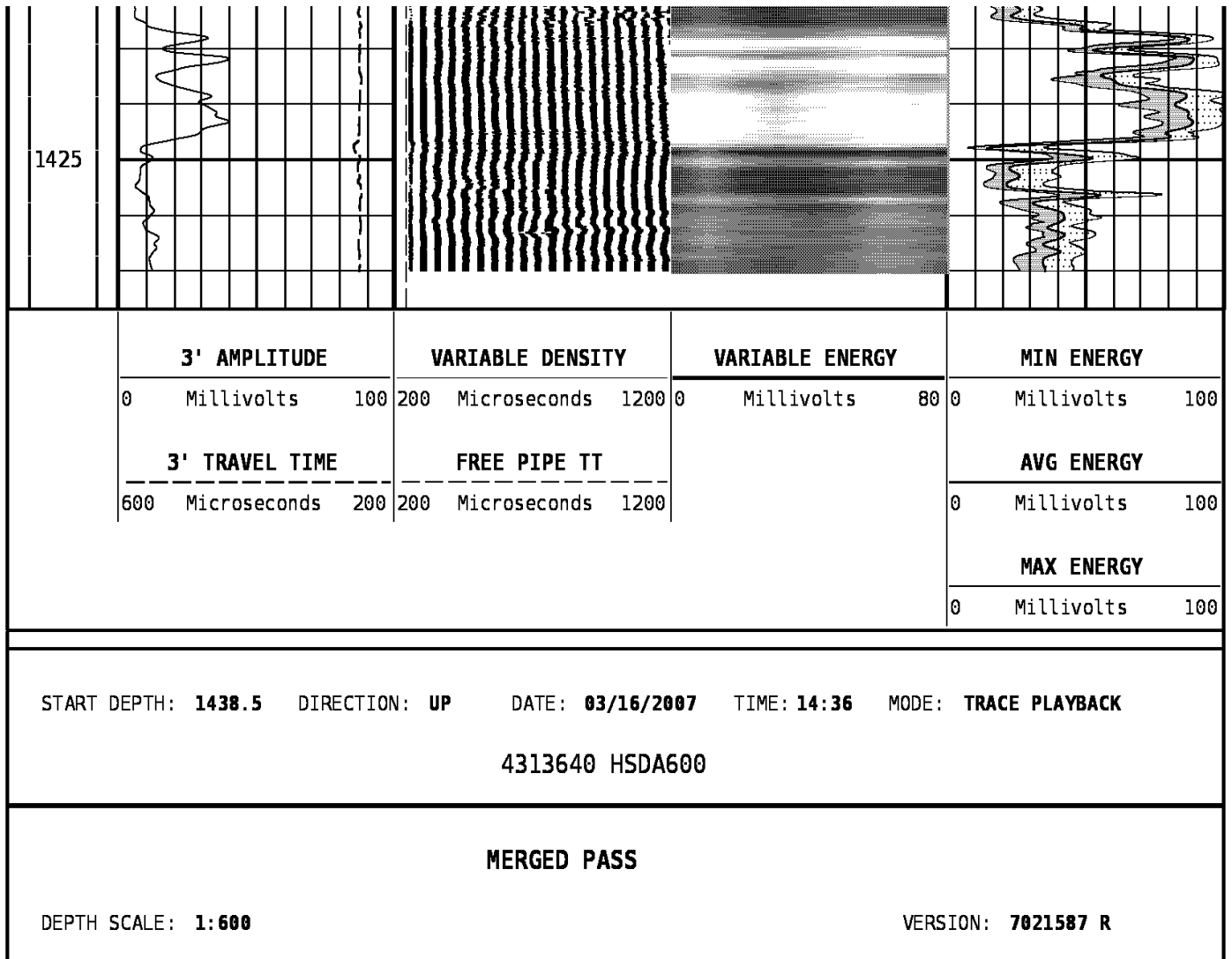


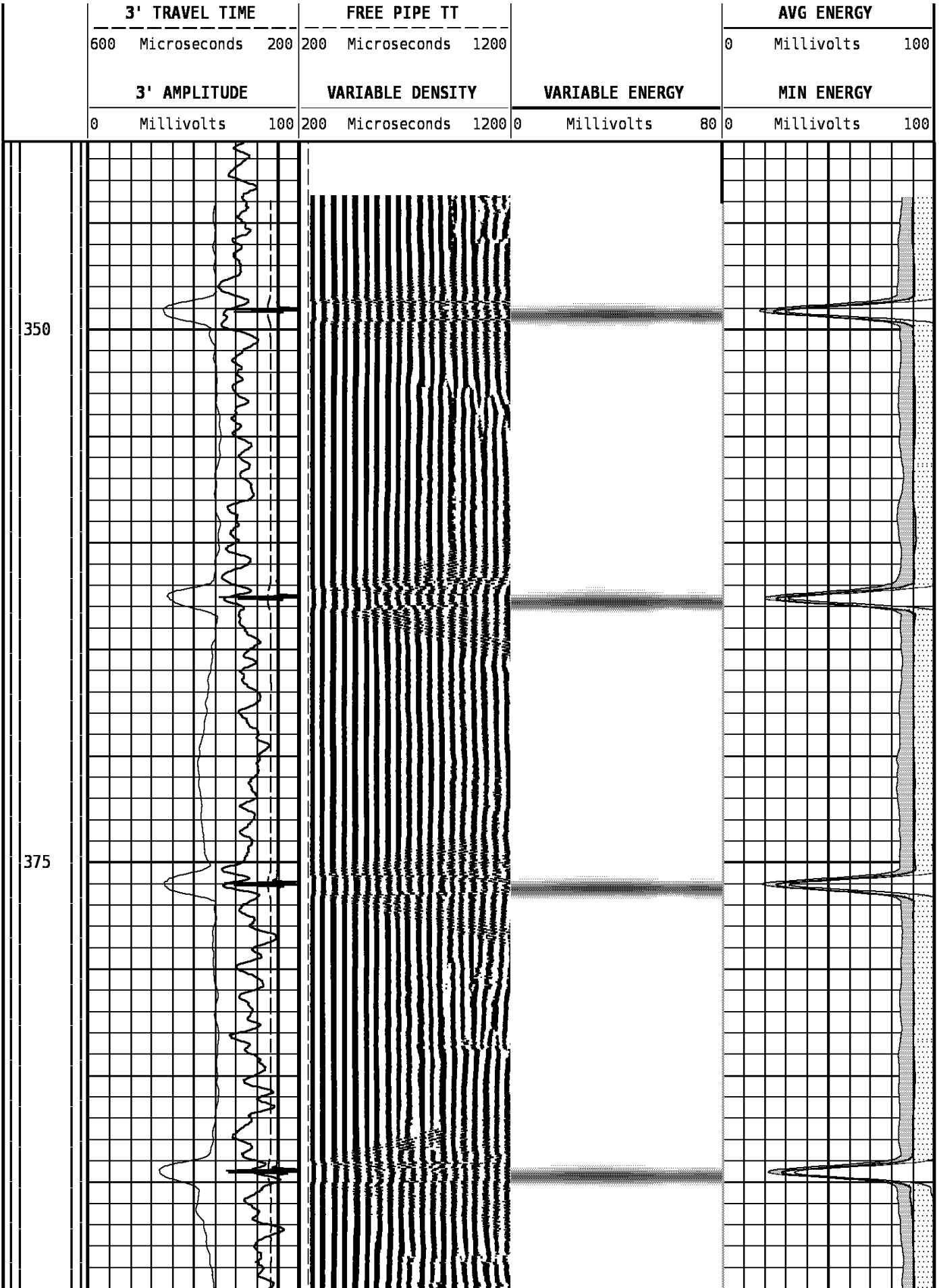








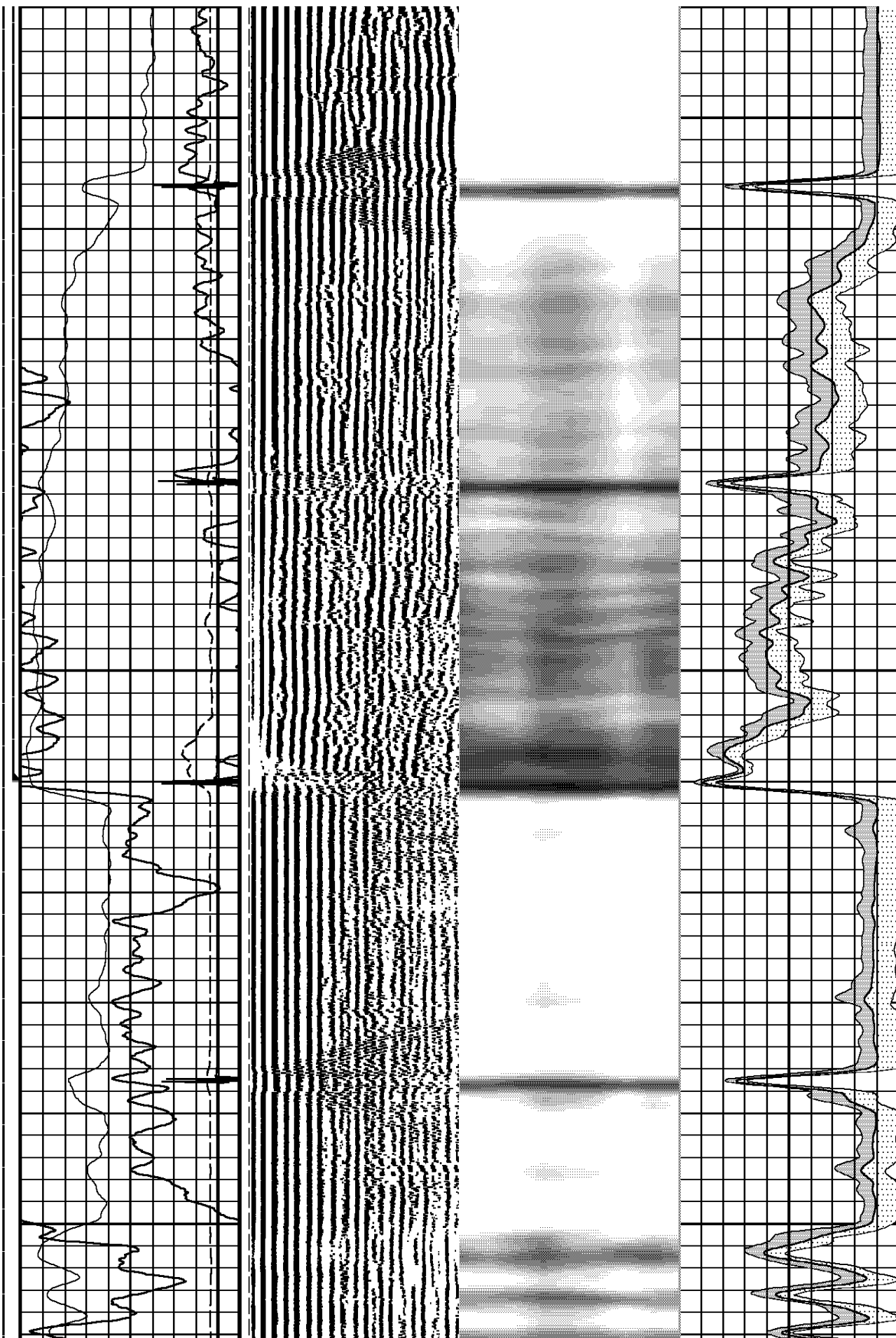




400

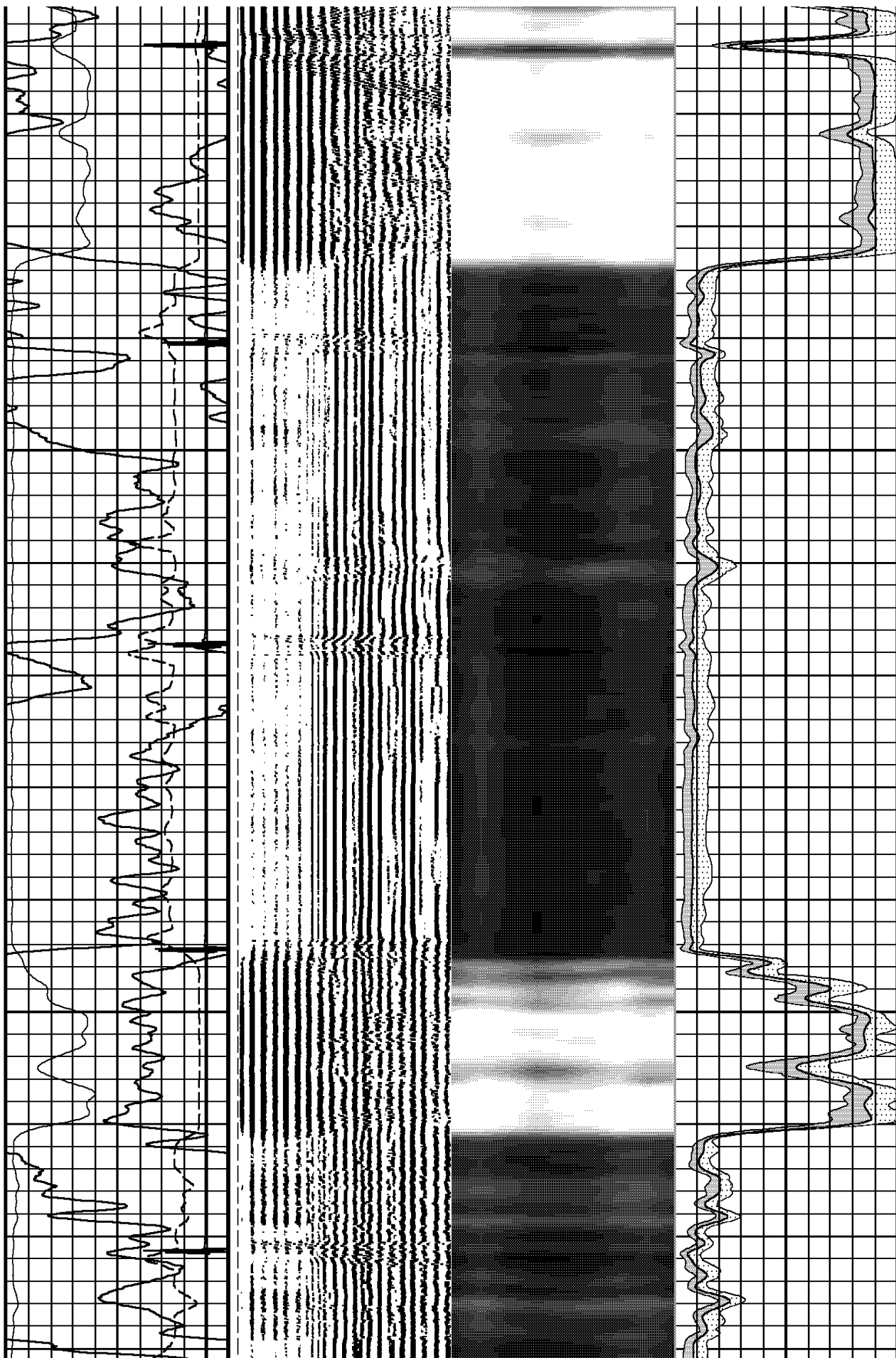
425

450

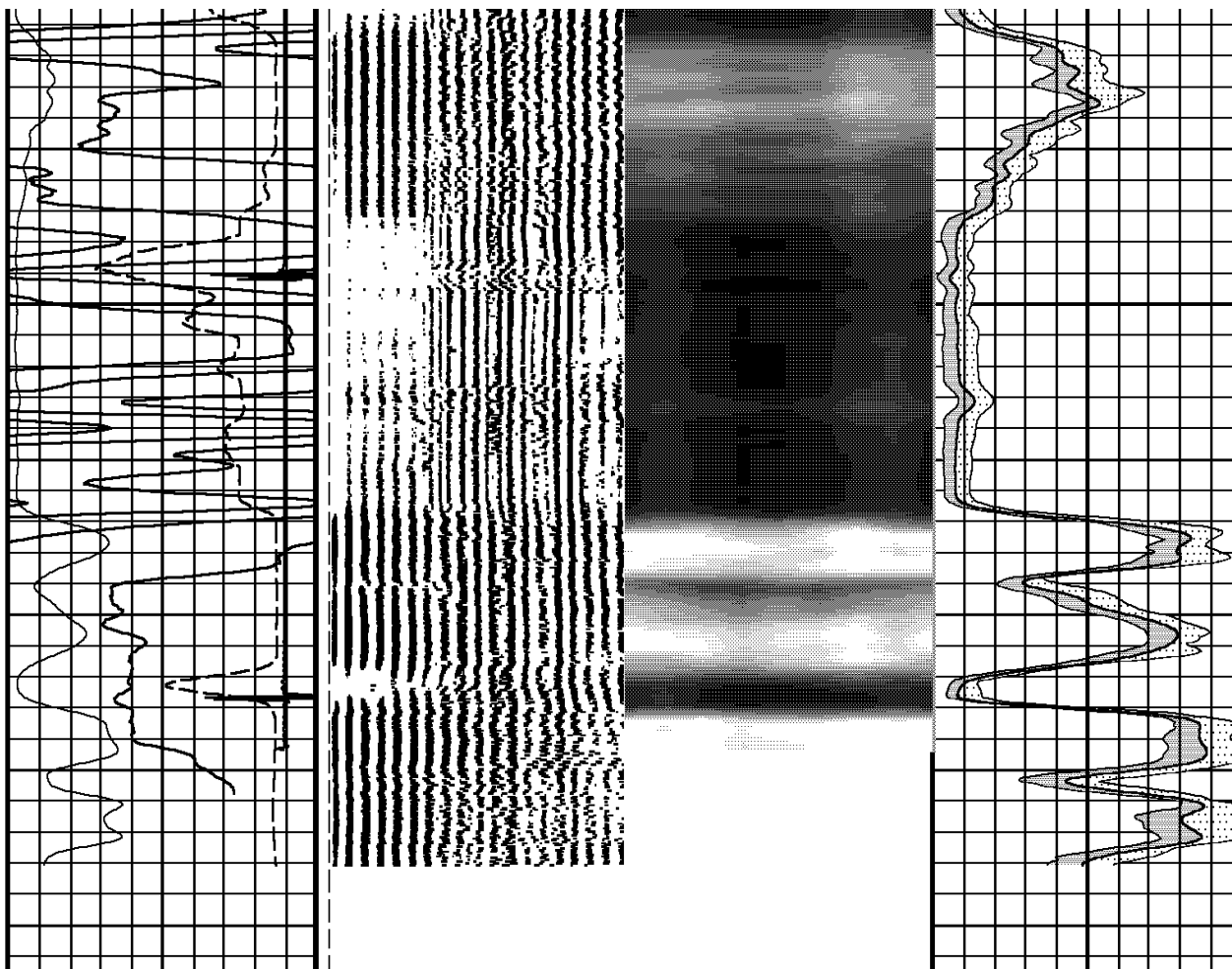


475

500



525



3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	100
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	100
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	100
COLLAR LOCATOR											
-5000	Millivolts	550									

START DEPTH: 550.0 DIRECTION: UP DATE: 03/16/2007 TIME: 14:24 MODE: TRACE PLAYBACK

4313640 SEC4

MAIN PASS

DEPTH SCALE: 1:240

VERSION: 7021587 R

DEPTH SCALE: 1:240

VERSION: 7021587 R

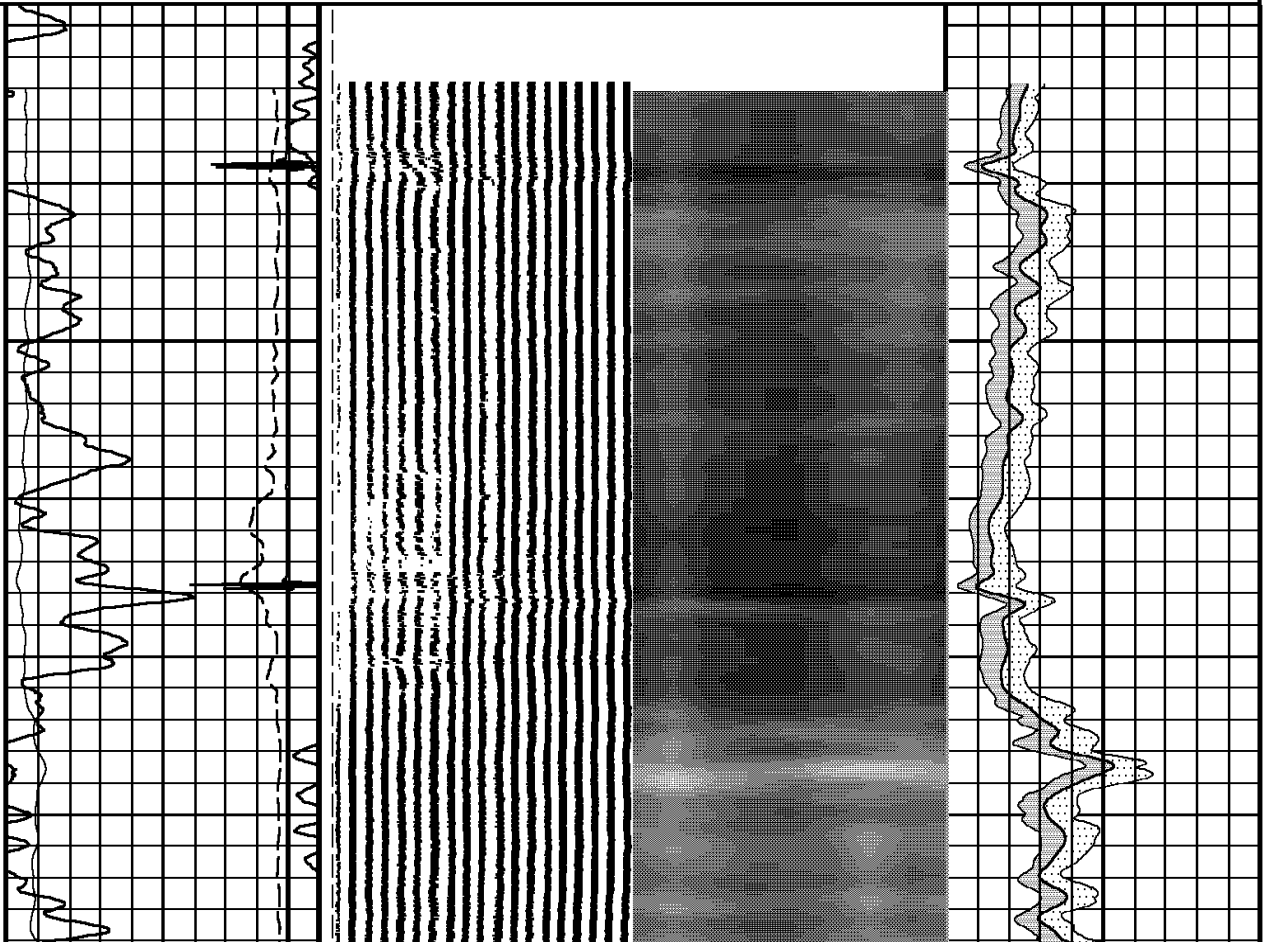
MAIN PASS

4313640 SEC2

FINISH DEPTH: 1197.5 Meters DIRECTION: UP DATE: 03/16/2007 TIME: 14:18 MODE: TRACE PLAYBACK

COLLAR LOCATOR											
-5000	Millivolts	550									
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	100
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	100
3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	100

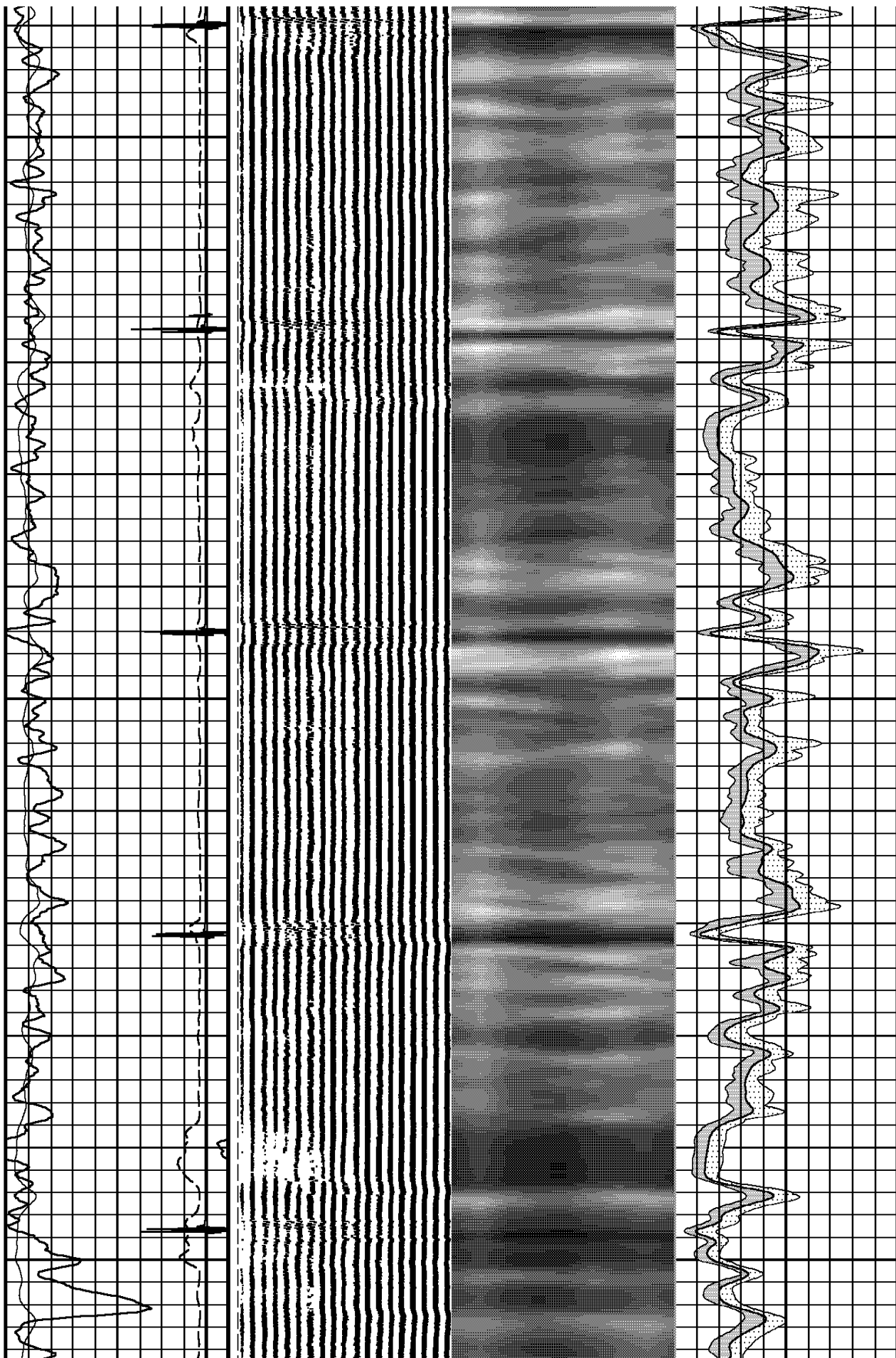
1200



1225

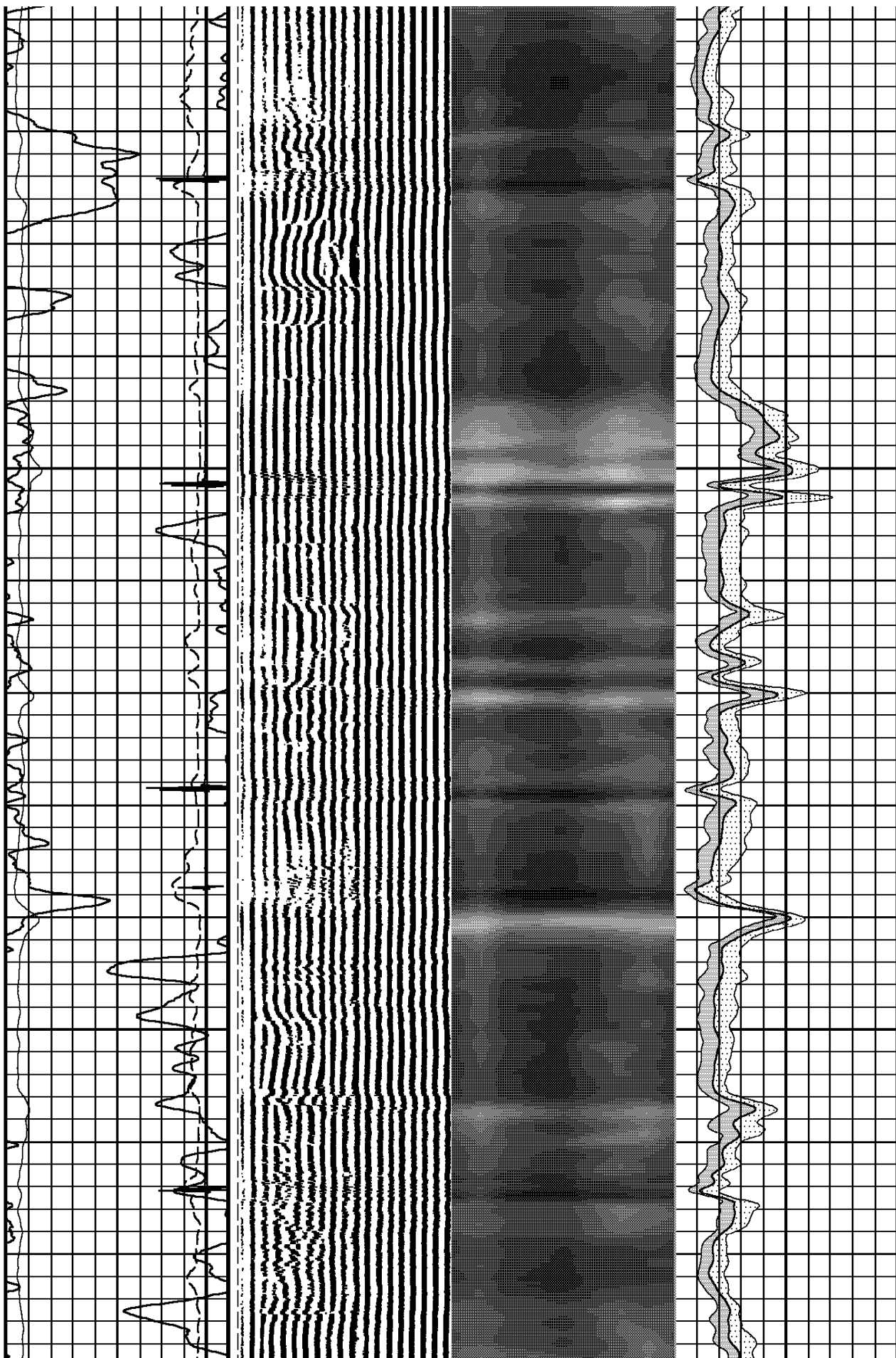
1250

1275



1300

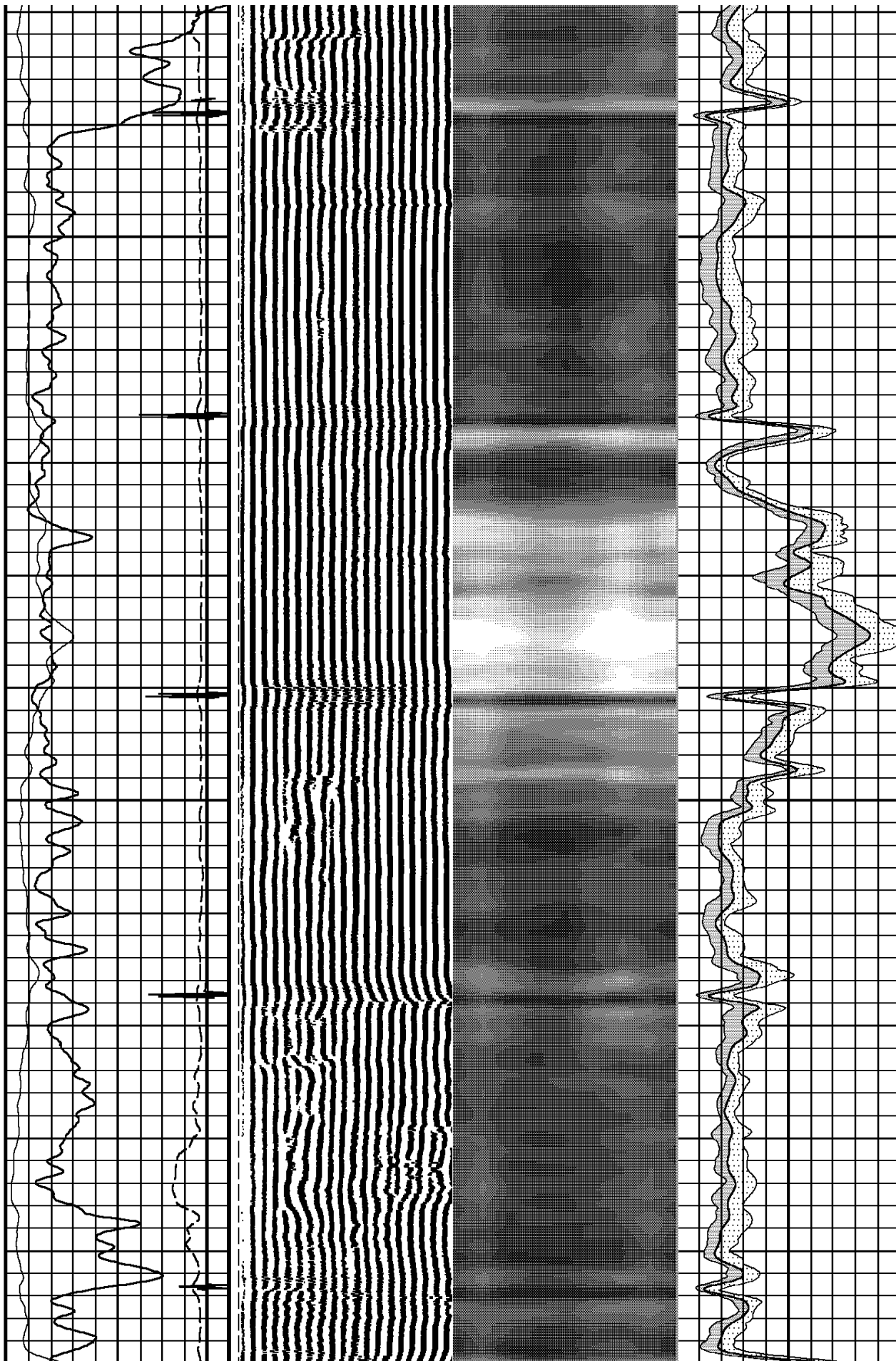
1325



1350

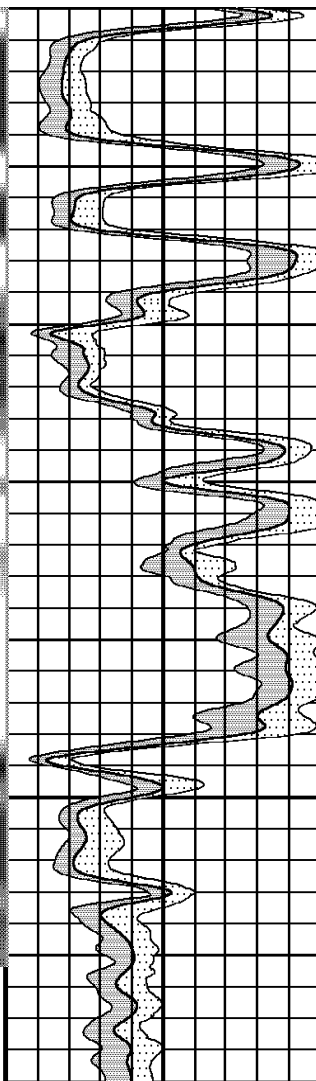
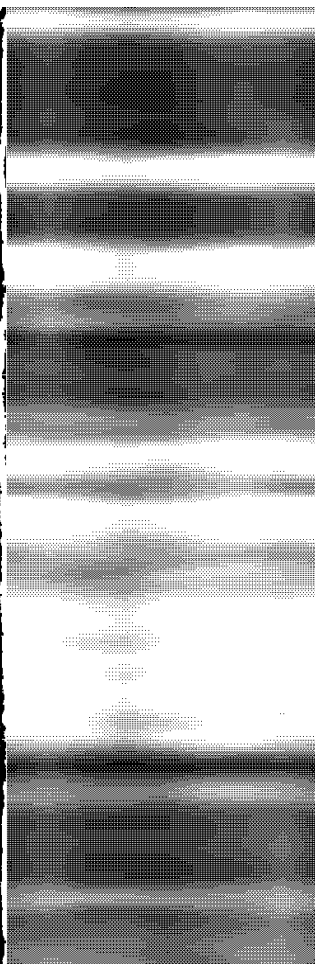
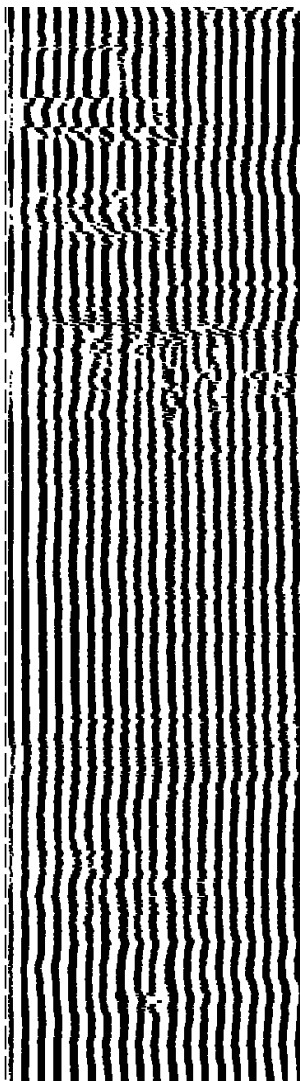
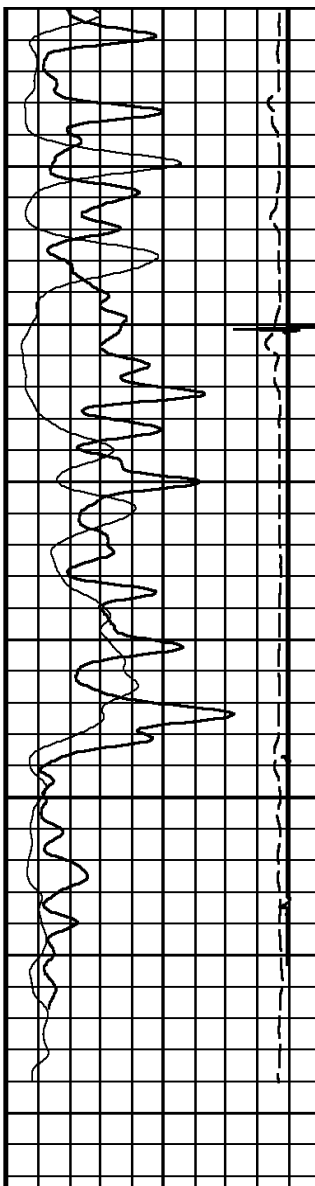
1375

1400



1400

1425



3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	100
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	100
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	100
COLLAR LOCATOR											
-5000	Millivolts	550									

START DEPTH: 1441.0 DIRECTION: UP DATE: 03/16/2007 TIME: 13:54 MODE: TRACE PLAYBACK

4313640 SEC2

MAIN PASS

DEPTH SCALE: 1:240

VERSION: 7021587 R

DEPTH SCALE: 1:240

VERSION: 7021587 R

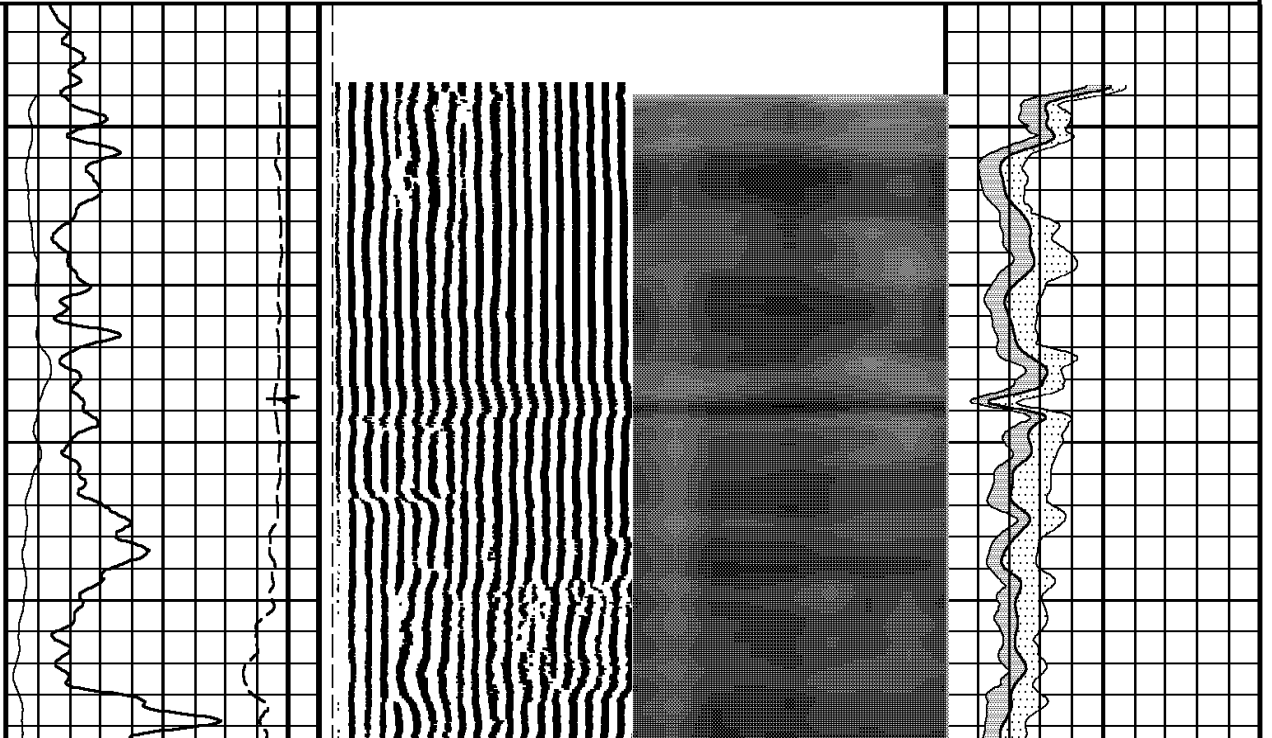
MAIN PASS

4313640 SEC1A

FINISH DEPTH: 1437.5 Meters DIRECTION: UP DATE: 03/16/2007 TIME: 14:30 MODE: TRACE PLAYBACK

COLLAR LOCATOR								
-5000	Millivolts	550						
GAMMA RAY						MAX ENERGY		
0	API	120				0	Millivolts	100
3' TRAVEL TIME			FREE PIPE TT			AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200	0	Millivolts	100
3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80
						0	Millivolts	100

1375



START DEPTH: **1437.5** DIRECTION: **UP** DATE: **03/16/2007** TIME: **14:30** MODE: **TRACE PLAYBACK**

4313640 SEC1A

MAIN PASS

DEPTH SCALE: **1:240**

VERSION: **7021587 R**

01/01/88 12:00 0.0 M Ver Job

Gamma Ray Before Survey Calibration

Tool Type: GRB-AA Serial No: 183
Calibrator No:

Background	Calibrator	Standard	Units
24.5	195.0	120.0	API

Delta Counts Per Sec: 170.5 CPS/API = 1.421

08/03/05 02:01 18.0 M Ver 50223795 Job 4246042

Sector Bond Before Calibration

Tool Type SBT-AA Serial No sbt131

Sensor	Description	Standard	Measured
AMP 3FT	ZERO	0.00	2.50
	PLUS	72.00	1255.60
AMP 5FT	ZERO	0.00	11.23
	PLUS	60.00	1350.90
1 SECTOR AMP	ZERO	0.00	15.40
	PLUS	90.00	1404.40
2 SECTOR AMP	ZERO	0.00	13.20
	PLUS	90.00	1508.60

3 SECTOR AMP	ZERO	0.00	10.30
	PLUS	90.00	1475.80
4 SECTOR AMP	ZERO	0.00	11.22
	PLUS	90.00	1469.20
5 SECTOR AMP	ZERO	0.00	11.60
	PLUS	90.00	1455.60
6 SECTOR AMP	ZERO	0.00	11.20
	PLUS	90.00	1494.50
7 SECTOR AMP	ZERO	0.00	13.80
	PLUS	90.00	1323.60
8 SECTOR AMP	ZERO	0.00	10.10
	PLUS	90.00	1465.40

1-11/16" Adaptor

Weight 1 kg
Length 0.31 m
Max. Diameter 4.28 cm

Total Stack Weight 63.4 kg in air
Total Stack Length 8.51 m

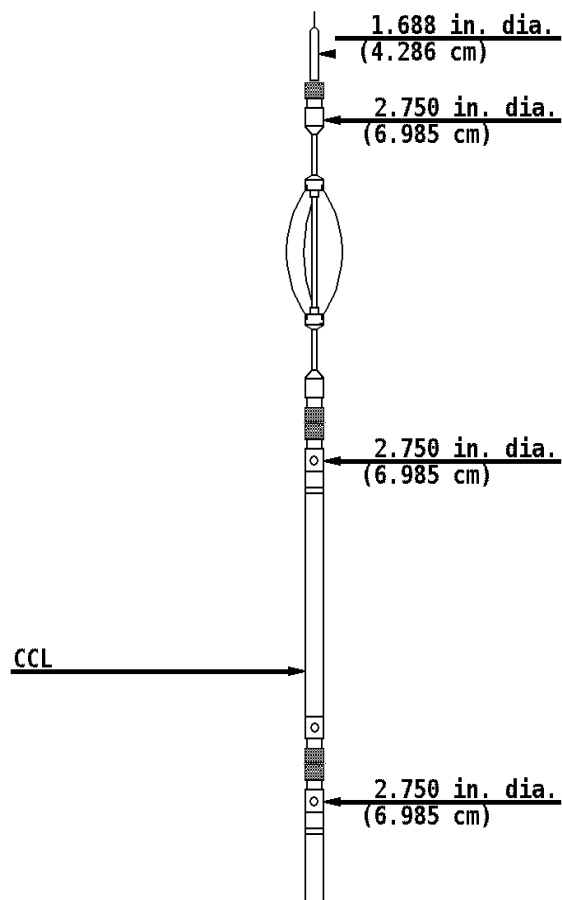
Slim Hole Centralizer

Weight 5.4 kg
Length 0.76 m
Max. Diameter 6.9 cm

Collar Locator

Weight
Length 1.04 m
Max. Diameter

Slim Hole Gamma Ray



Weight
Length 1.45 m
Max. Diameter

Slim Hole Centralizer

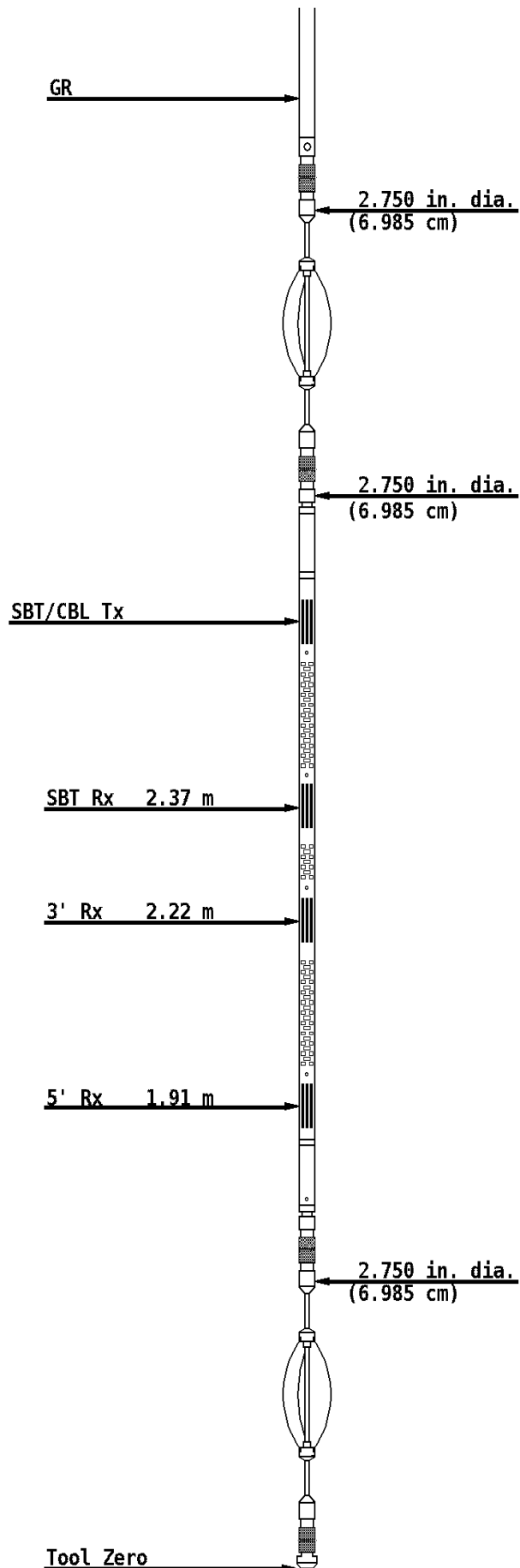
Weight 10.8 kg
Length 0.94 m
Max. Diameter 6.9 cm

Sector Bond

Weight 40.8 kg
Length 3.15 m
Max. Diameter 6.9 cm

Slim Hole Centralizer

Weight 5.4 kg
Length 0.76 m
Max. Diameter 6.9 cm



COMPANY PARAMOUNT RESOURCES LTD

300/J-04-60-10-117-30

WELL PARA et al CAMERON J-04

FIELD CAMERON **PROVINCE** N.W.T



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