

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 26 2018

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM100558

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1376928. Well Name and No.
TUCKER DRAW 9-4 FED COM 1H9. API Well No.
30-015-44477-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN OTH

2. Name of Operator

RKI EXPLORATION & PROD LLC

Contact: CRYSTAL FULTON

E-Mail: crystal.fulton@wpenergy.com

3a. Address

3500 ONE WILLIAMS CENTER MD 35
TULSA, OK 74172

3b. Phone No. (include area code)

Ph: 539-573-0218

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 16 T26S R30E NWNE 250FNL 1463FEL
32.049210 N Lat, 103.882393 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

ATTN: Mustafa Haque/Chris Walls/Jennifer Sanchez

BC 4-26-18
Accepted for record - NMOCD

RKI EXPLORATION & PRODUCTION, LLC completed the following remedial cement job for the TUCKER DRAW 9-4 FED COM 1H:

3/1/2018 establish injection during the squeeze @ 4 bpm.
Initial injection rate of 2 bpm @ 500 psi, 3 bpm @ 580 psi, 4 bpm @ 625 psi.
Pump 50 bbls fresh water @ 4 bpm @ 625 psi
Pump 369 sxs (126 bbls) 12.9 ppg cement @ 4 bpm w/ 450 psi
Displace with 3 bbls fresh water @ 4 bpm w/ 450 psi
pressure test 9 5/8" by 7" annulus to 1200 psi, pressure held
Pressure bled to 0 psi. Shut in well with 9 5/8" by 7" annulus

Carlsbad Field Office
OCD Artesia

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #410539 verified by the BLM Well Information System

For RKI EXPLORATION & PROD LLC, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 04/06/2018 (18PP1454SE)

Name (Printed/Typed) CRYSTAL FULTON

Title PERMITTING TECH II

Signature (Electronic Submission)

Date 04/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

ZOTA STEVENS

Title PETROLEUM ENGINEER

Date 04/23/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #410539 that would not fit on the form

32. Additional remarks, continued

Gamma Ray/CCL attached

PAR FIVE
ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

SQUEEZE

WPX ENERGY

TUCKER DRAW 9-4 FEDERAL COM #1H

EDDY COUNTY, NEW MEXICO

PRIMARY PUMP:

2001

SECONDARY PUMP:

PREPARED BY: 2002

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

3/1/2018

WELL SUMMARY



COMPANY NAME: WPX ENERGY		DATE: 3/1/2018	
LEASE NAME: TUCKER DRAW 9-4 FED COM		OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #1H		TICKET NUMBER: 6671	
API NUMBER: 30-015-44477		AFE NUMBER:	
SECTION: 16	TOWNSHIP: 26S	RANGE: 30E	
COUNTY: EDDY	STATE: NEW MEXICO		
RIG NAME:	COMPANY REP: MR. JUSTIN BARMORE	PHONE#: 1-918-550-1608	
DIRECTIONS			
Head south on HWY 285 for 12.5 miles, turn left on Whitehorn RD for 3.5 miles past a curve for an additional 0.6 miles. Turn left on Pipeline Rd and head east for 2.8 miles. Turn right on Tarbrush road and head south for 0.3 miles. Turn left on lease road and head east for 0.5 miles. Turn right on lease road and head southeast for 0.6 miles. Turn left on lease road head east for 0.7 miles. Stay left on lease road and continue east for 2.8 miles. Turn right on lease road and head south for 0.1 miles and location is to the east.			
NOTES			
UPDATED BY ISRAEL DELGADO 2-20-19 ANNULAR BETWEEN 9 5/8" X 7" 9 5/8 DEPTH-3604 7 DEPTH- 4370			
HSE			
ALL EMPLOYEES WEAR PPE			
JOB PROCEDURE			
PUMP 370 SKS @ 12.9 PPG SHUT DOWN DROP PLUG DISPLACE WELL			

WELL SUMMARY



ENERGY SERVICES LLC

COMPANY NAME: WPX ENERGY		DATE: 3/1/2018	
LEASE NAME: TUCKER DRAW 9-4 FED COM		OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #1H		TICKET NUMBER: 6671	
API NUMBER: 30-015-44477		AFE NUMBER:	
SECTION: 16		TOWNSHIP: 26S	RANGE: 30E
COUNTY: EDDY		STATE: NEW MEXICO	
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NOTES

UPDATED BY ISRAEL DELGADO 2-20-19

ANNULAR BETWEEN 9 5/8" X 7"

9 5/8 DEPTH-3604

7 DEPTH- 4370

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 370 SKS @ 12.9 PPG

SHUT DOWN DROP PLUG

DISPLACE WELL

PAR FIVE
ENERGY SERVICES LLC

[illegible]

Service Charge Calculations

RFC	PF903	PF909	PF49	PF132	PF20	PF44	PF42	PF001	PF031	PF53	PF60	PF061	PF066	PF079	PF128	PF151	PF174	PF183	PFMS6	PF013	PF029	PF045	PF065	PF112	PF153	PF167	PF606	PF813	PF974
	5650			5120	980	767	555													23	74								
	5650																			23	74								
	5650			5120	980	767	555																						
	5650																												
lbs	0	22000	0	0	10240	1960	1534	1110	0	0	0	0	0	0	0	0	0	0	0	0	46	148	0	0	0	0	0	0	0
tons	0	11	0	0	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lb/ft3	94	94	94	76	70	60	70	60	135	60	16	64	70	60	35	60	50	60	16	30	30	60	38	50	64	38	40	40	30
FT ³	0	240	0	0	130	33	22	22	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0

1 way Mileage
Pounds
Tons
Ton Mileage
Total Cu/ft

100
37638
19
1900
447

Co. : WPX ENERGY
Well : #1H
Date : 3/1/2018

PF424 0
Plug
Sugar 204
PF47 0
Sapp 0
PF840 0
PF803 0

Notes:

REC	PF003	PF009	PF49	PF132	PE20	PF44	PF42	PF001	PF031	PF53	PF60	PF061	PF066	PF079	PF128	PF151	PF174	PF183	PFMS6	PF013	PF029	PF045	PF065	PF112	PF153	PF167	PF606	PF813	PF974
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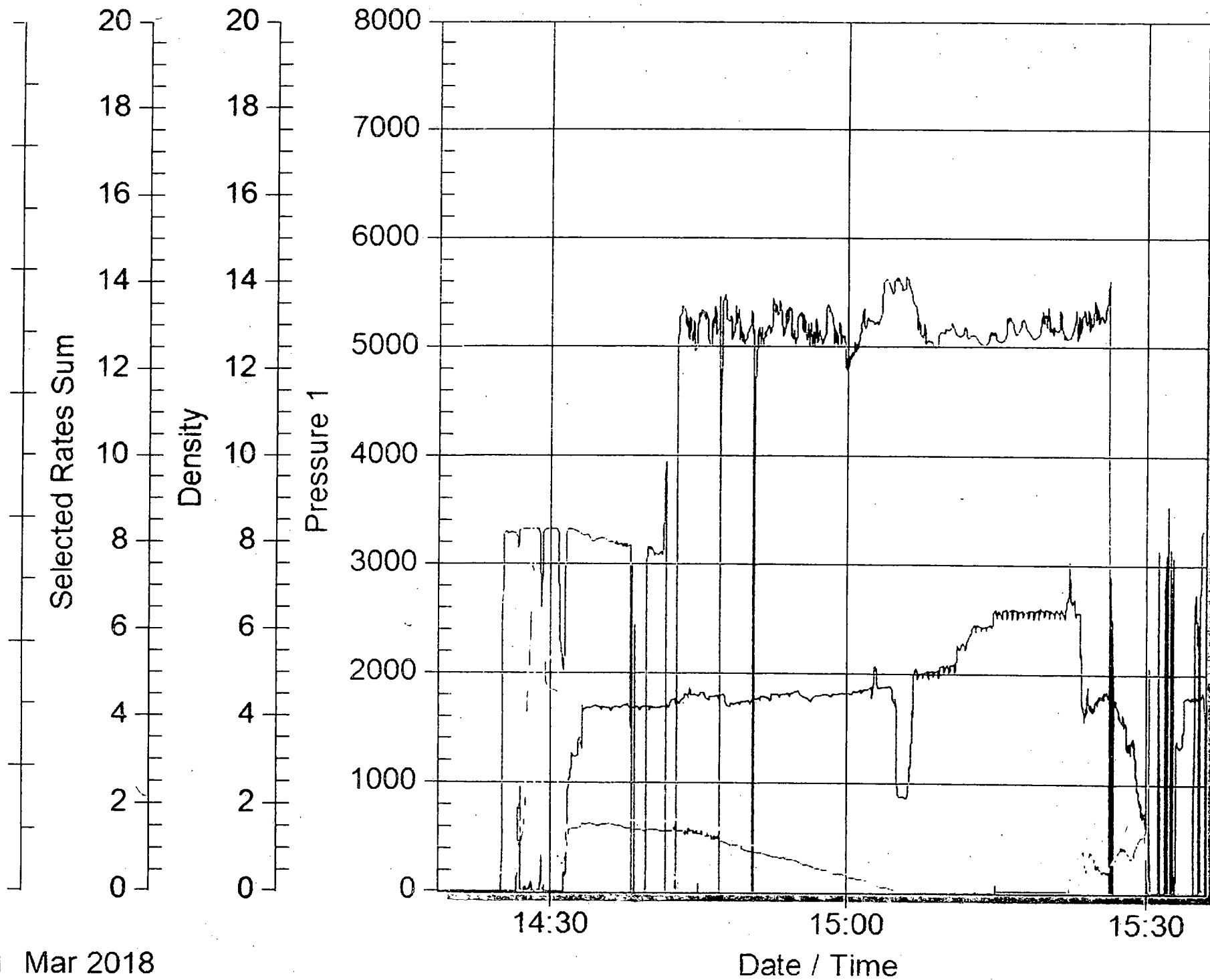
[illegible]
$$\begin{array}{r} 100 \\ 26338 \\ \hline 13 \\ 1300 \\ 327 \end{array}$$

Co.	WPX ENERGY
Well	#17
Date	3/1/2018

PF424	0
Plug	
Sugar	0.05
PF47	0
Sapp	0
PF840	0
PF803	0

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tucker-draw-1



1 Thu Mar 2018



Radial Bond
Gamma Ray/CCL

Company Wpx Energy
Well Tucker Draw 9-4-1H
Field Wolfcamp A
County Eddy State New Mexico

Location: API #: 30-015-44477
250' Fnl & 1463' Fel
Sec.16, 26S, 30E
Other Services
Elevation
Permanent Datum Ground Level Elevation 3089'
Log Measured From K.B. 30' A.P.D.
Drilling Measured From Kelly Bushing
K.B. 3119'
D.F. 3118'
G.L. 3089'

Date	05-Mar-2018	
Run Number	One	
Depth Driller	18822'	
Depth Logger	4700'	
Bottom Logged Interval	4700'	
Top Log Interval	Surface	
Open Hole Size	8.75"	
Type Fluid	Water	
Density / Viscosity	N/A	
Max. Recorded Temp.	N/A	
Estimated Cement Top	Surface	
Time Well Ready	11:30	
Time Logger on Bottom	12:00	
Equipment Number	1003	
Location	Hobbs,NM	
Recorded By	M.McGaha	
Witnessed By	Darin Kirkpatrick	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
One							
Two							
Three							
Four							
Casing Record		Size	Wgt/Ft	Top	Bottom		
Surface String		13.375"	54.5#	Surface	938'		
Prot. String							
Production String		7"	29#/P-100/BTC	Surface	10237'		
Liner							

<<< Fold Here >>>

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

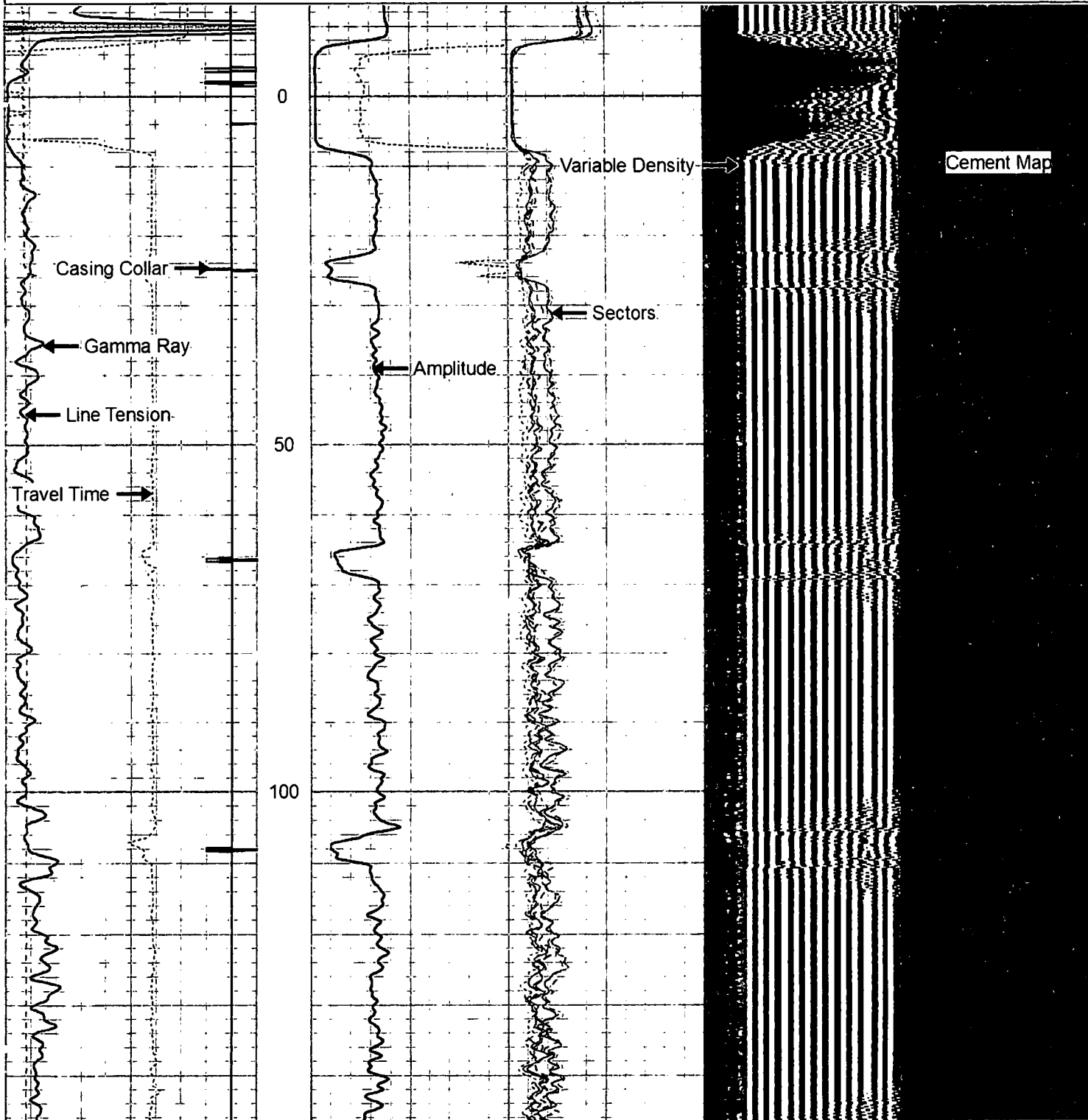
Corrected +9' To Radial Bond Log
Dated 17-Feb-2018
Well Flowing 3300#



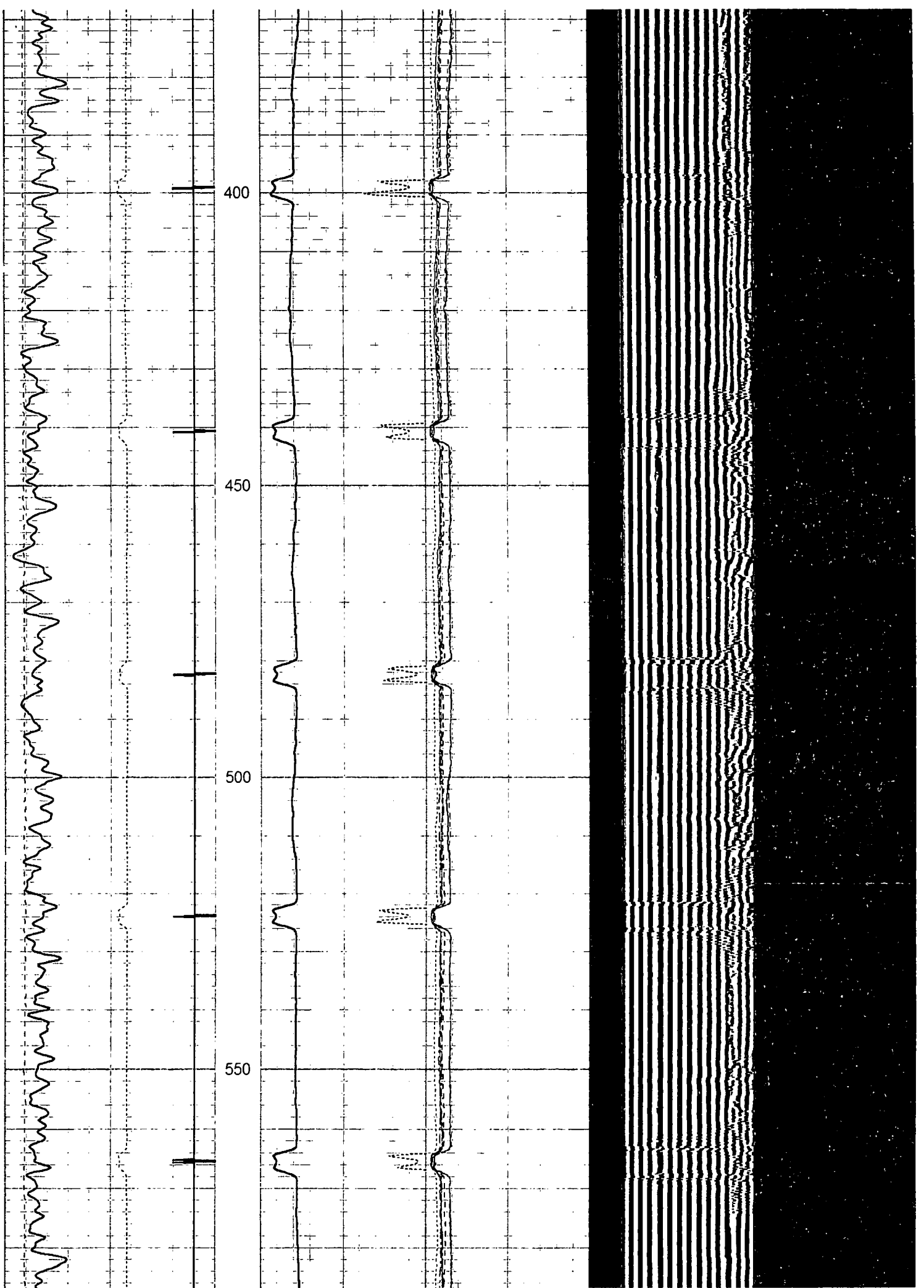
Main Pass 2500# Flowing

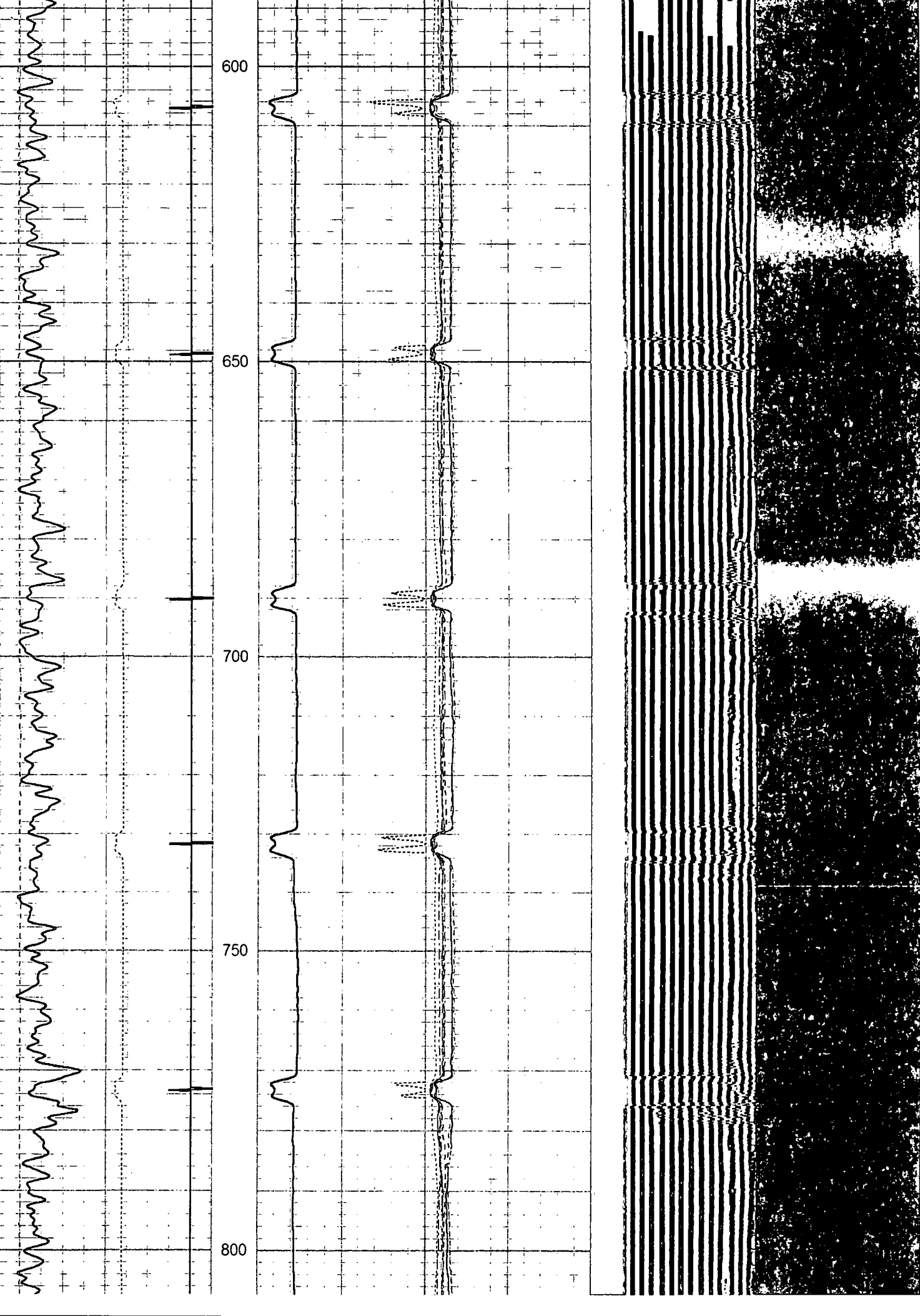
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Presentation Format: scbl03
Dataset Creation: Mon Mar 05 11:53:44 2018 by Log SCH 120418
Charted by: Depth in Feet scaled 1:240

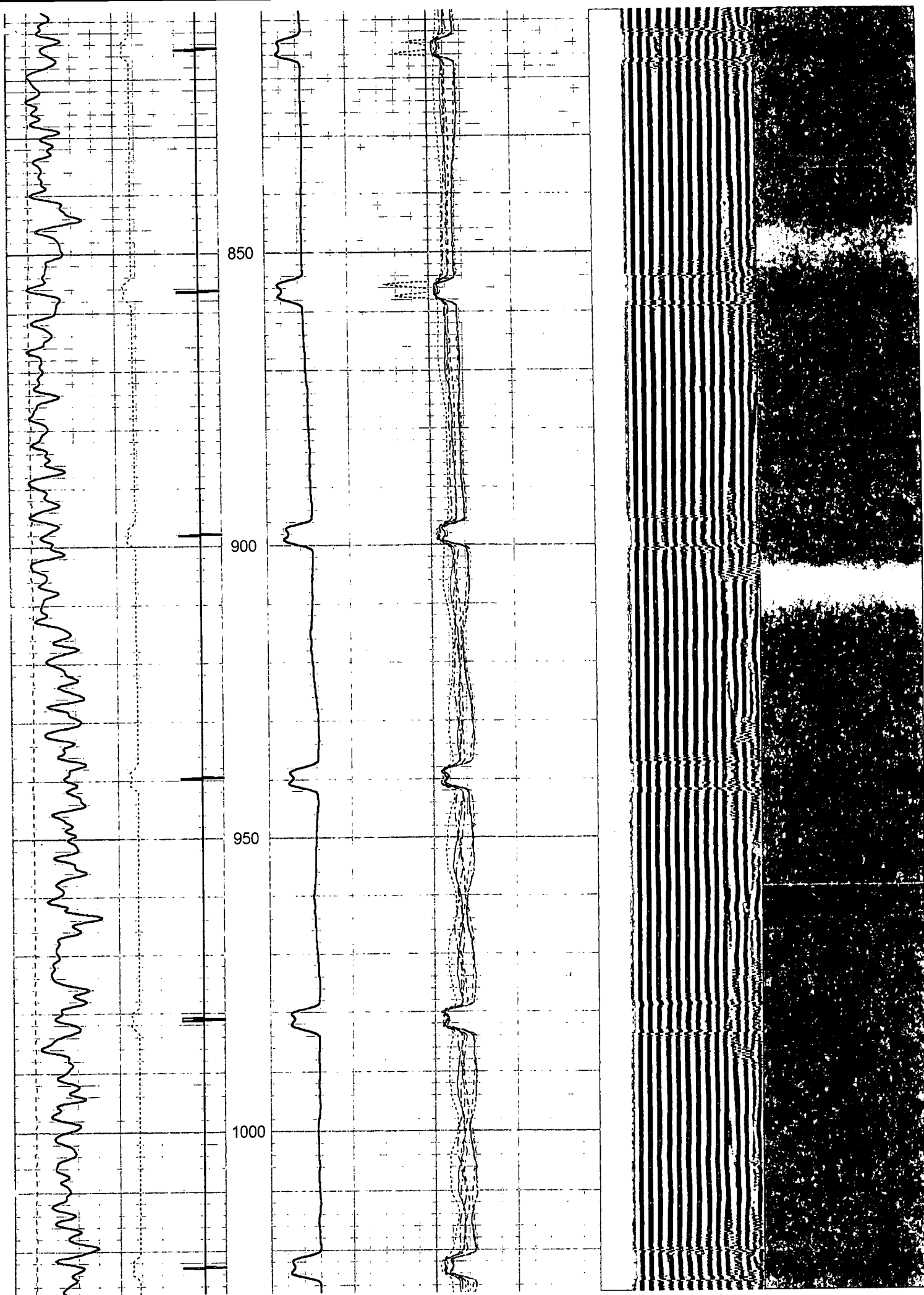
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9	Casing Collar	-1		Amplified Amplitude		-5	Sector 2	150	200	1200	0	100
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	Sector 3	150				
0	Line Tension (lb)	5000				-5	Sector 4	150				
						-5	Sector 5	150				
						-5	Sector 6	150				
						-5	Sector 7	150				
						-5	Sector 8	150				

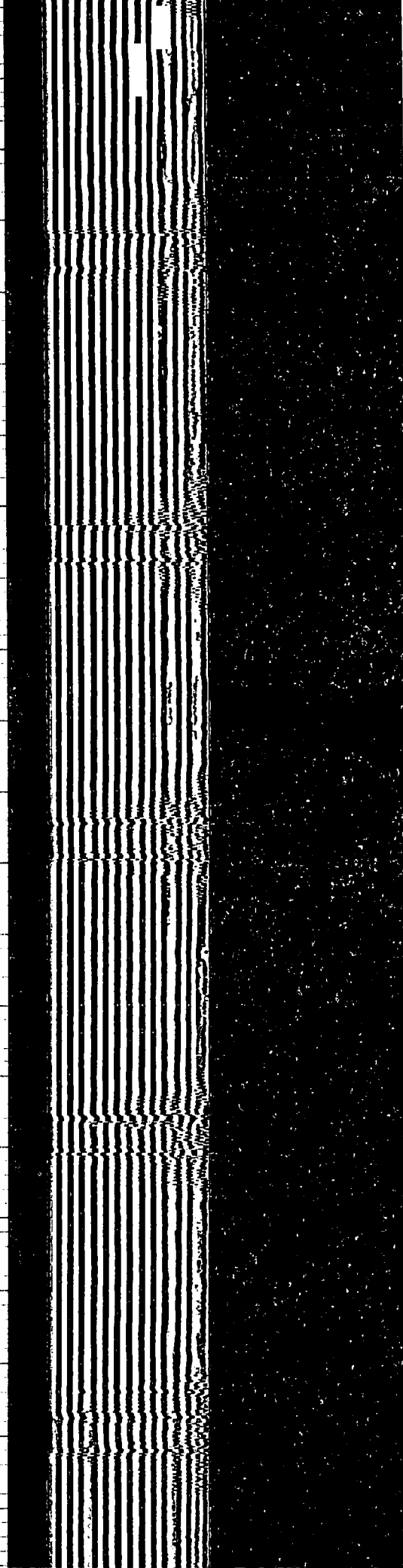
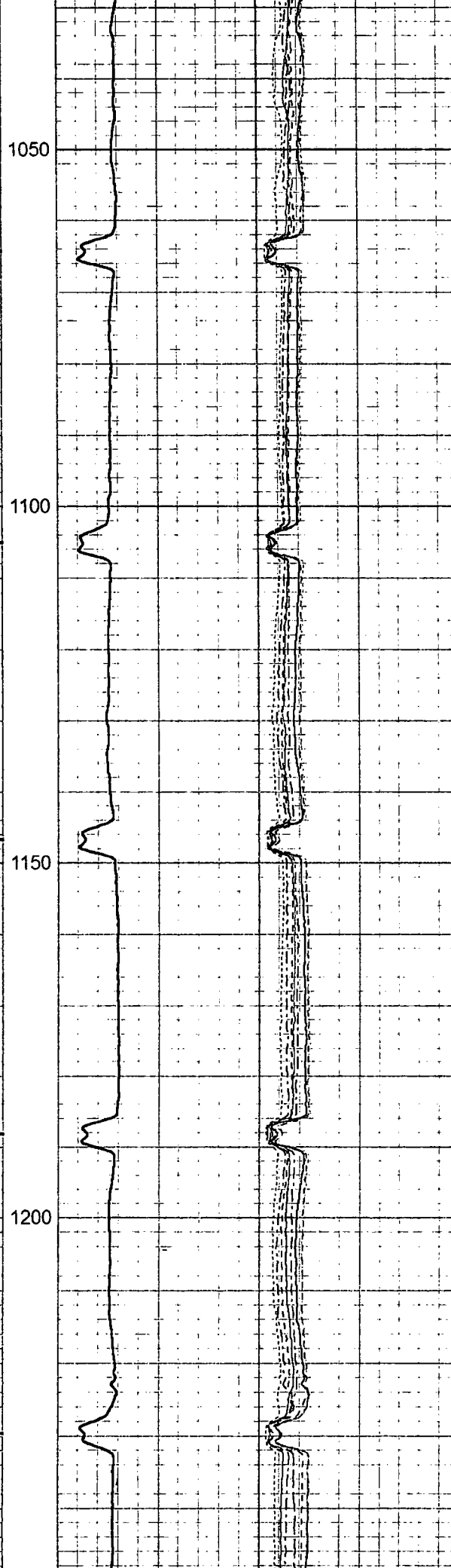
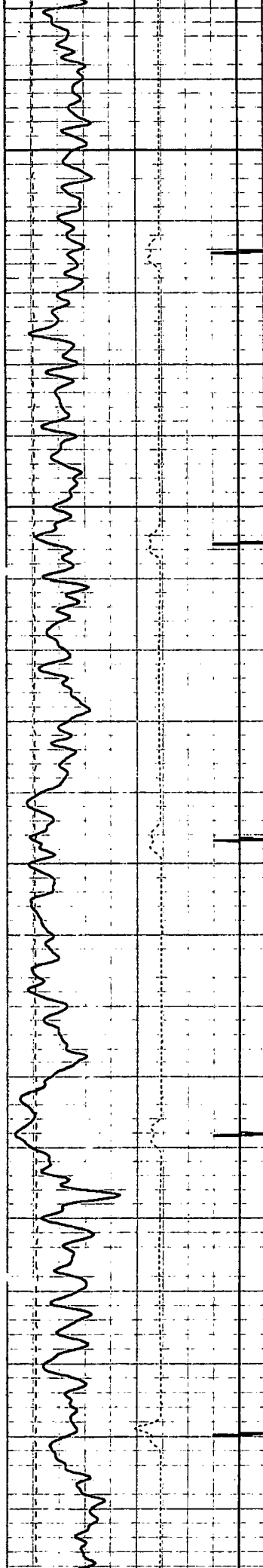


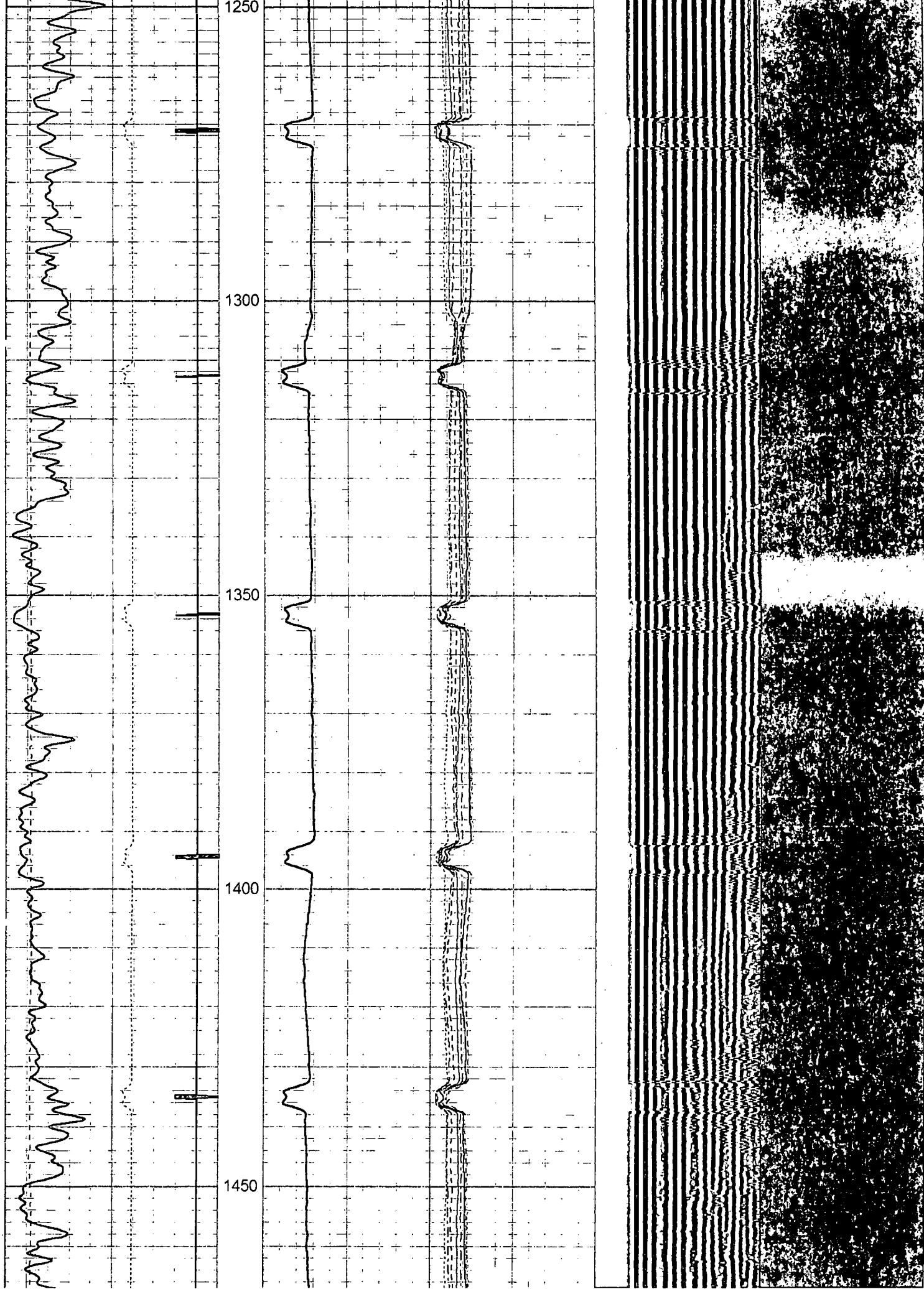






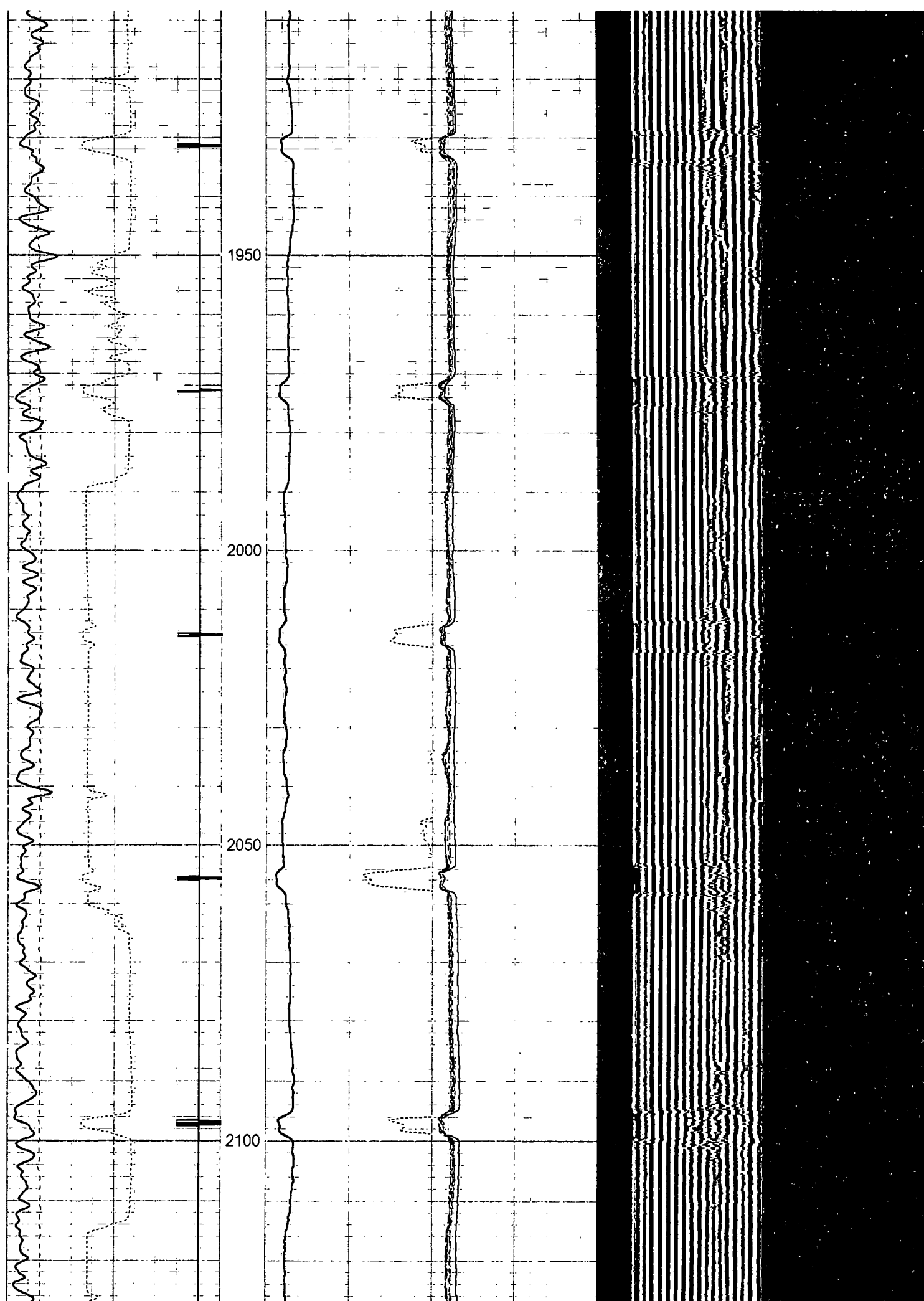


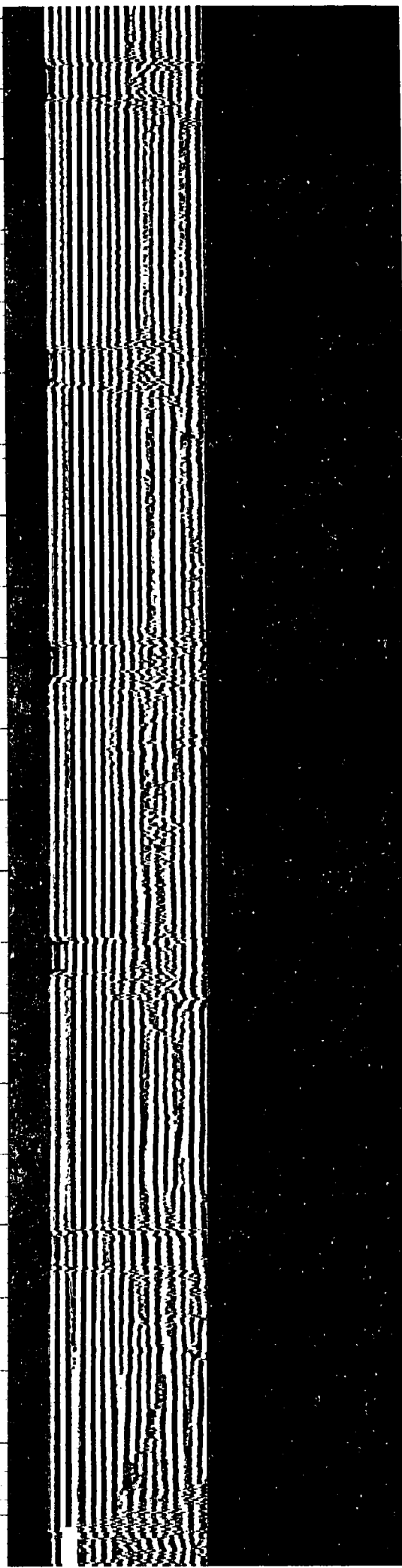
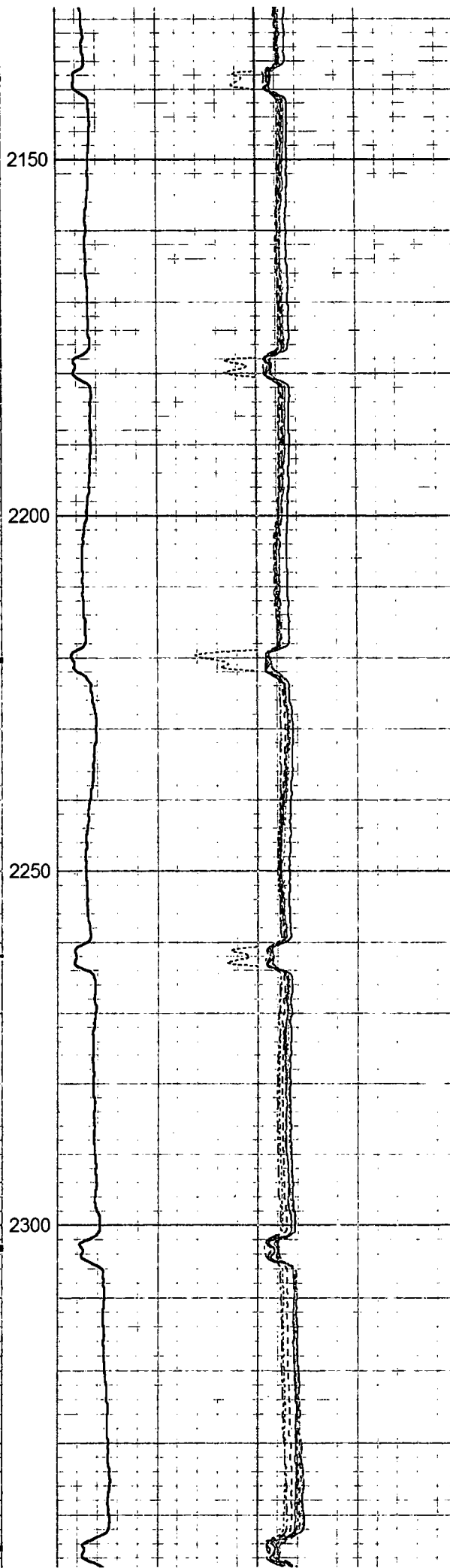
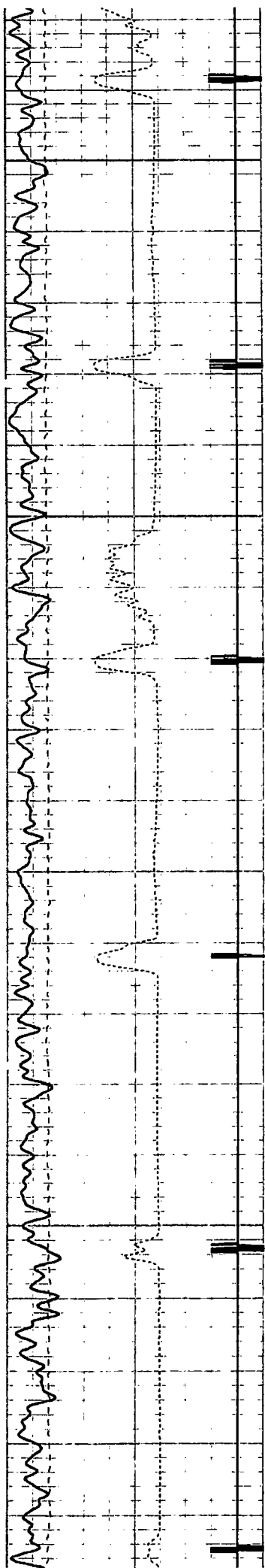


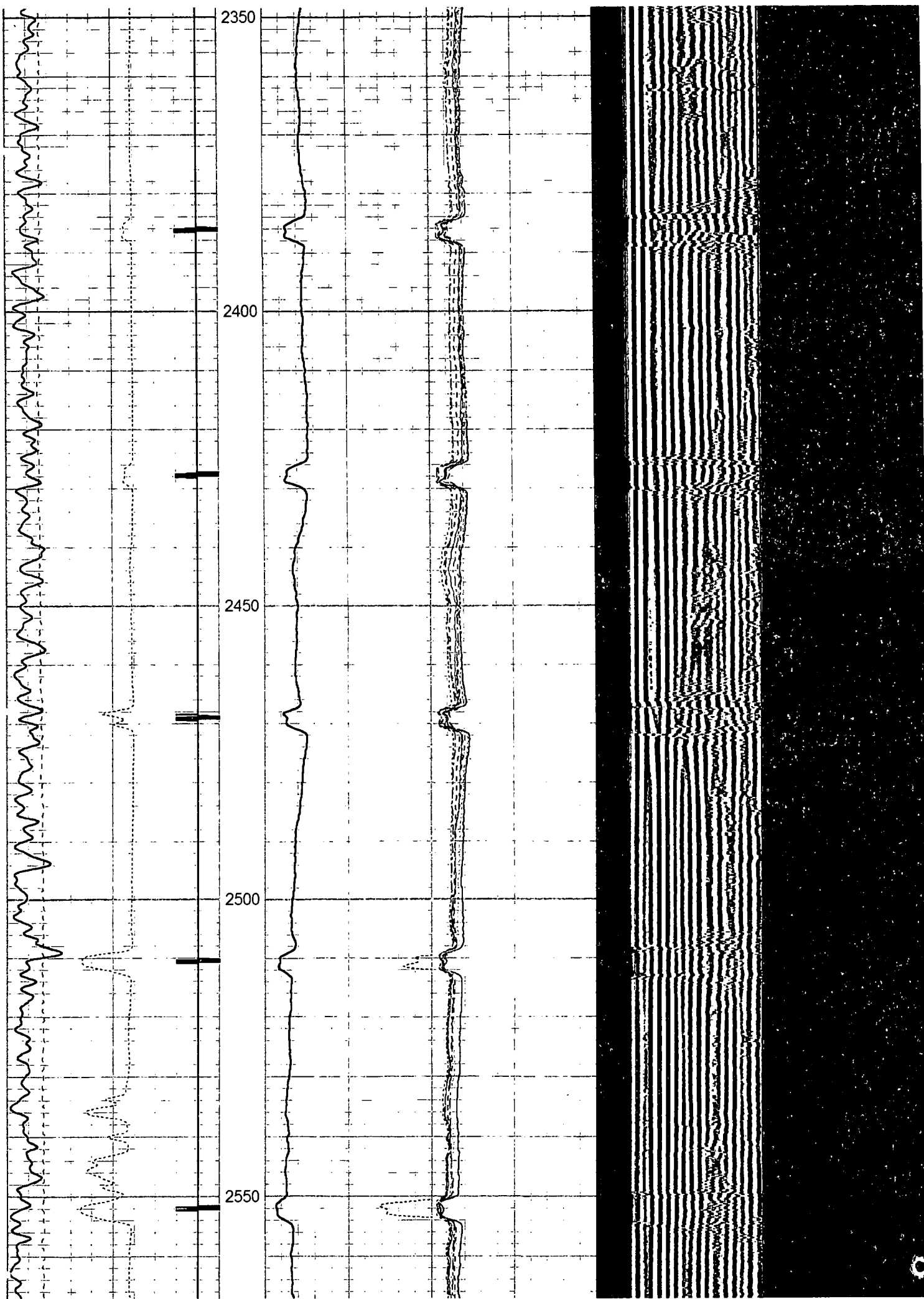


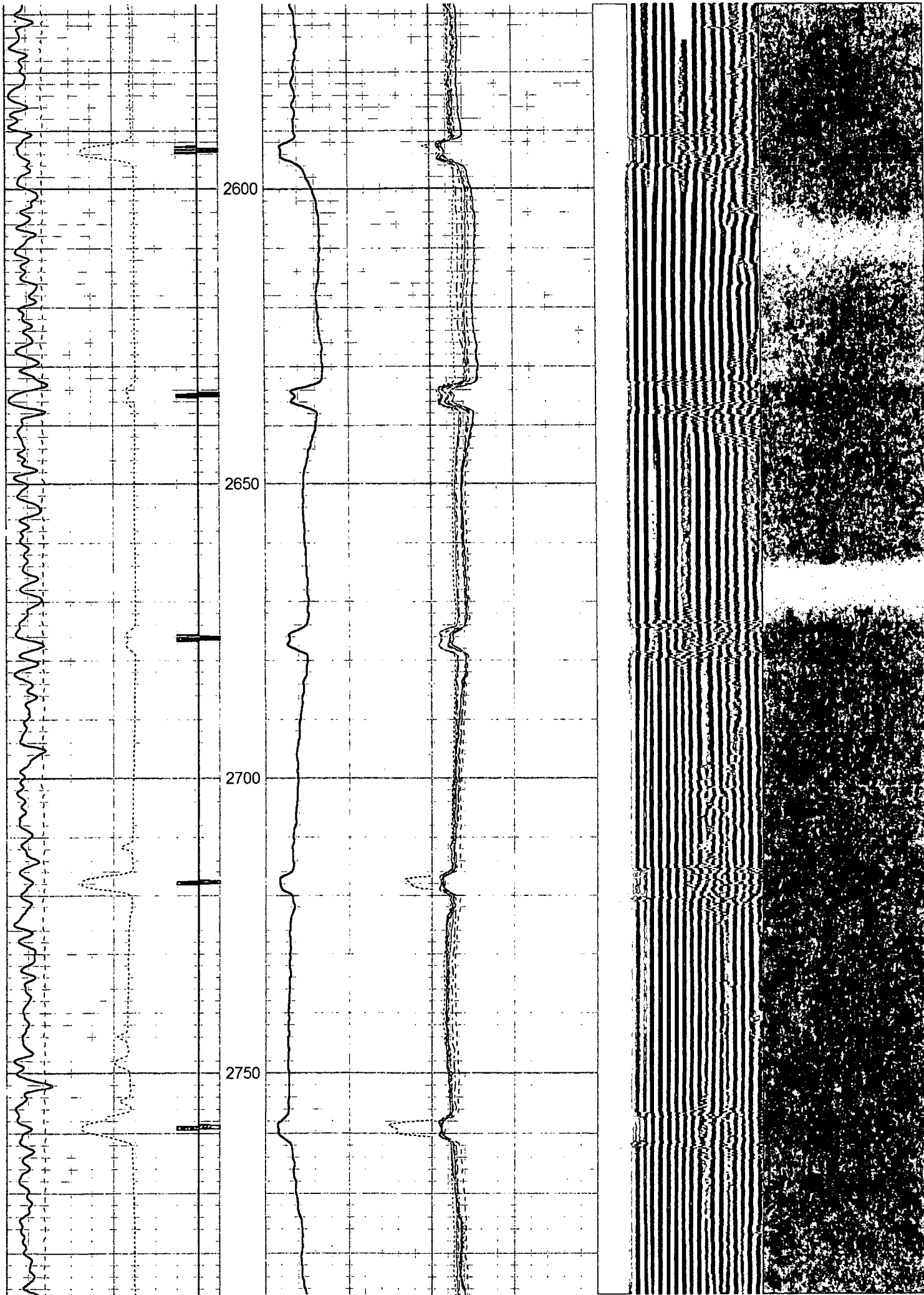


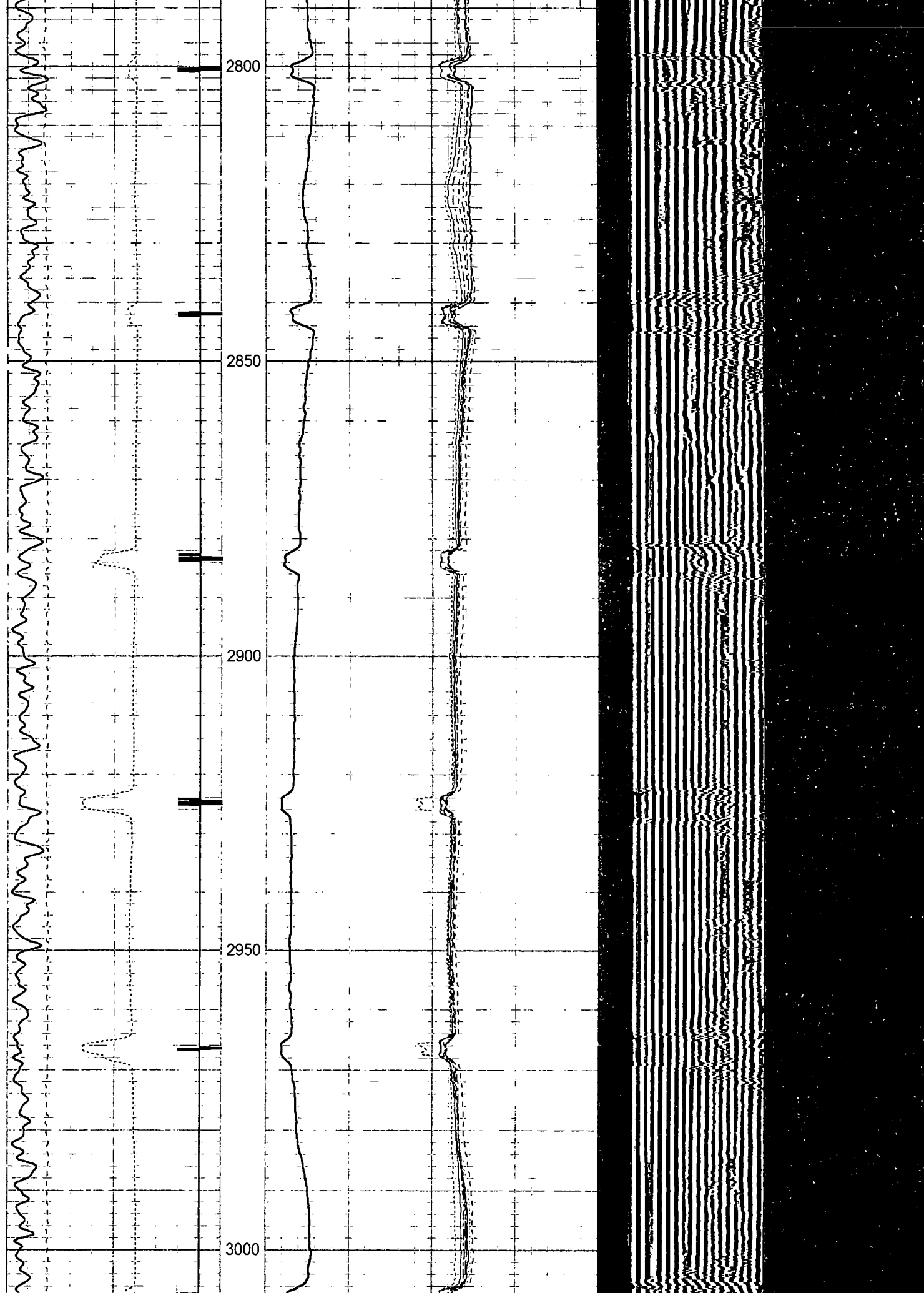


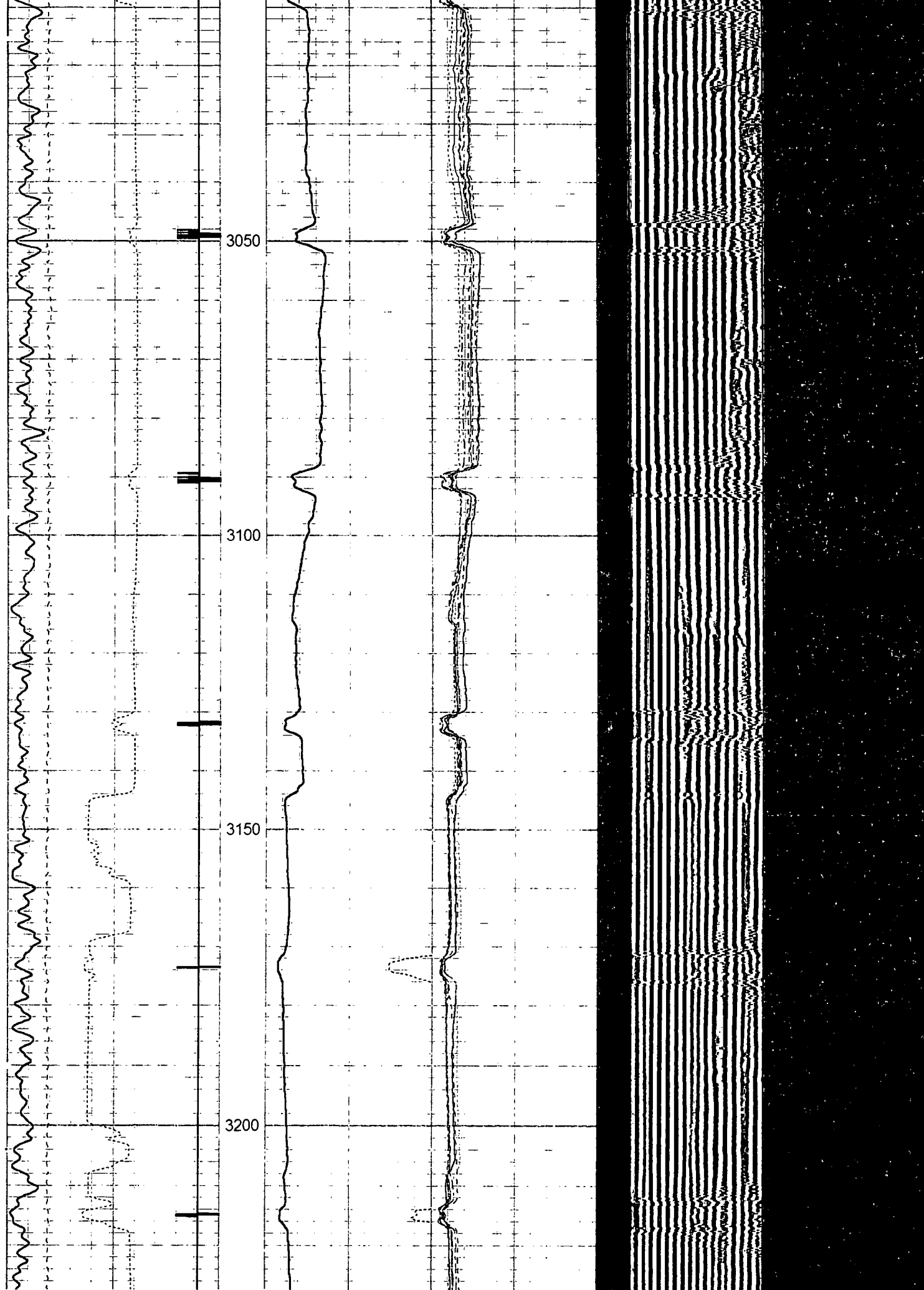


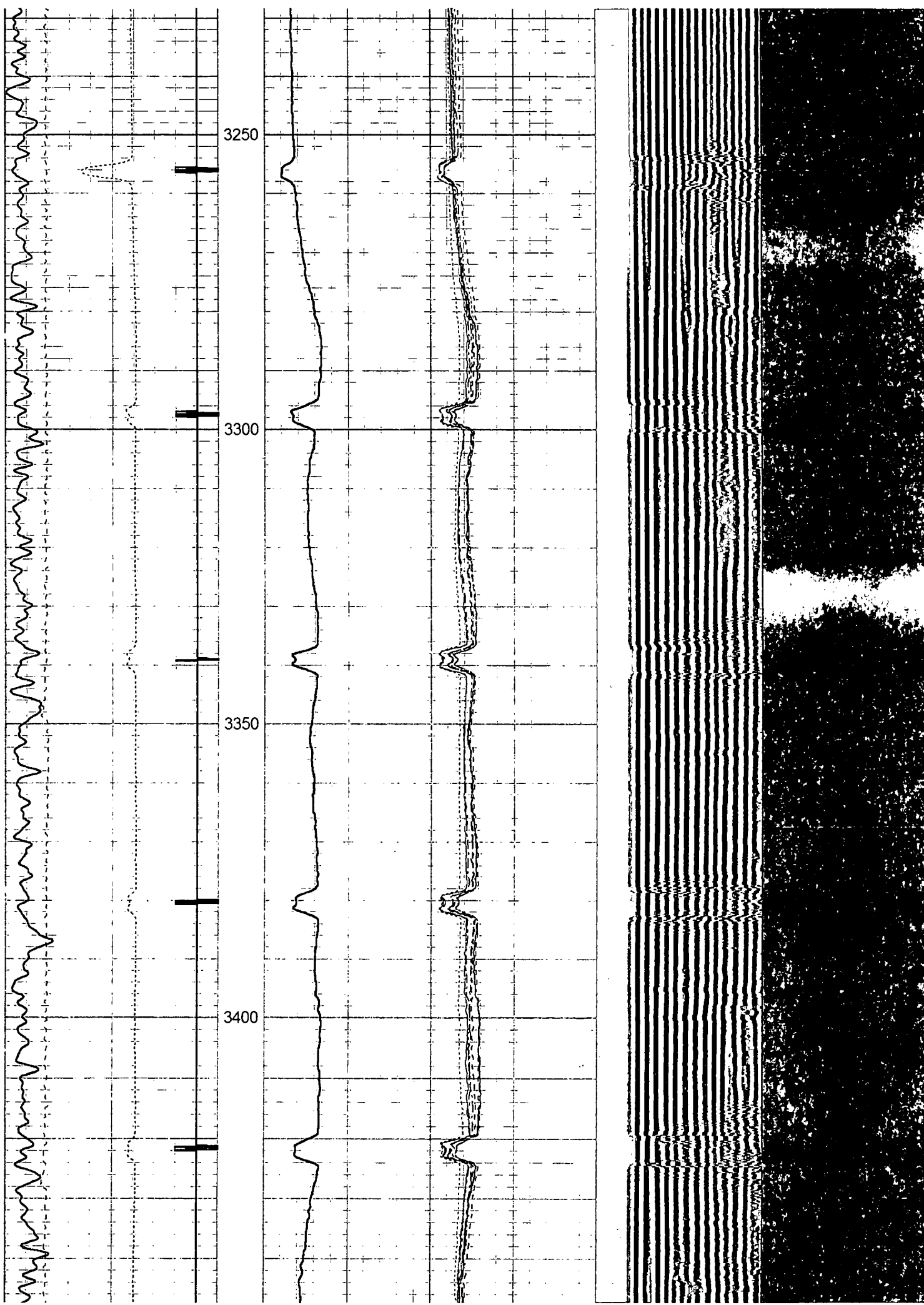




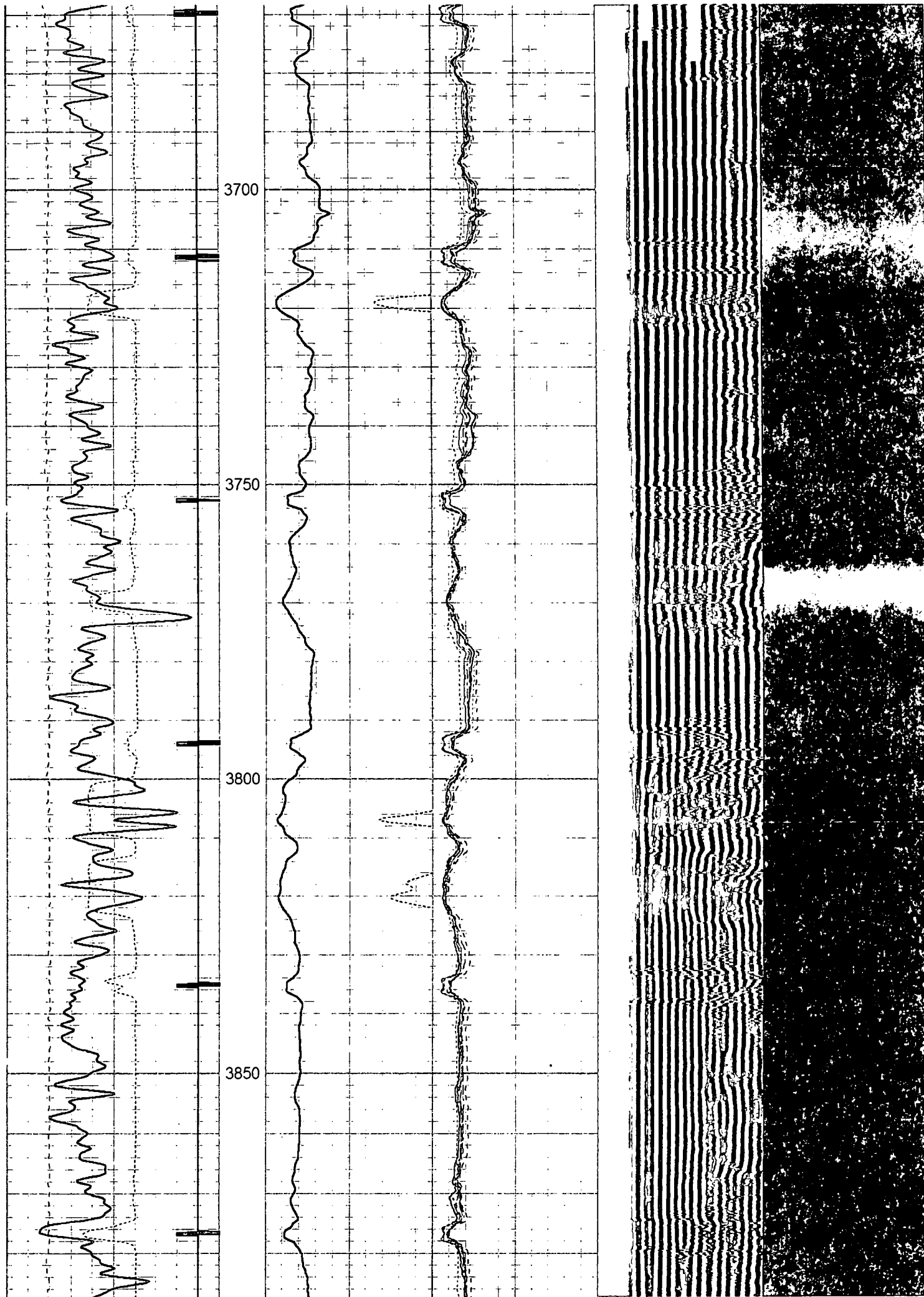


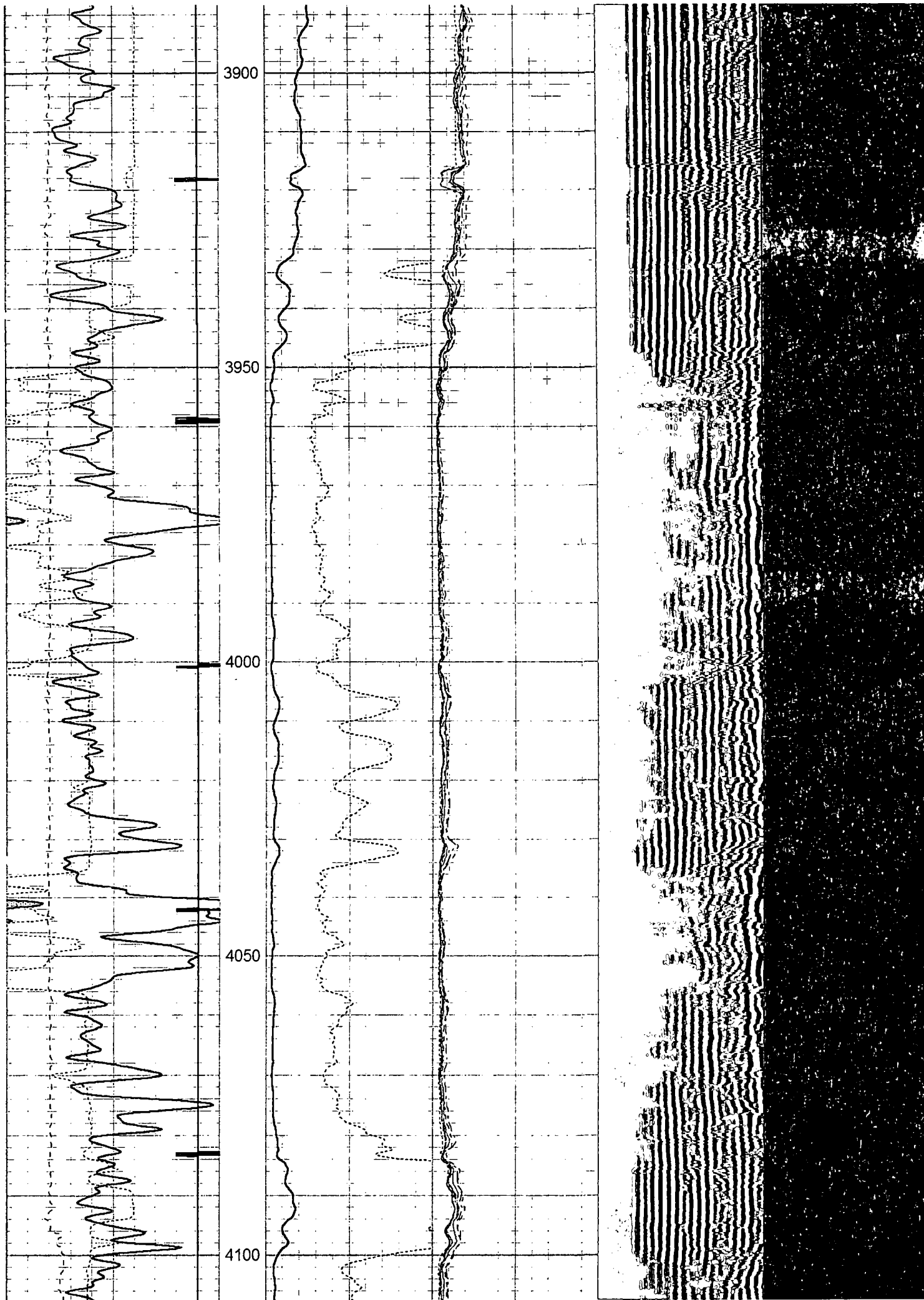


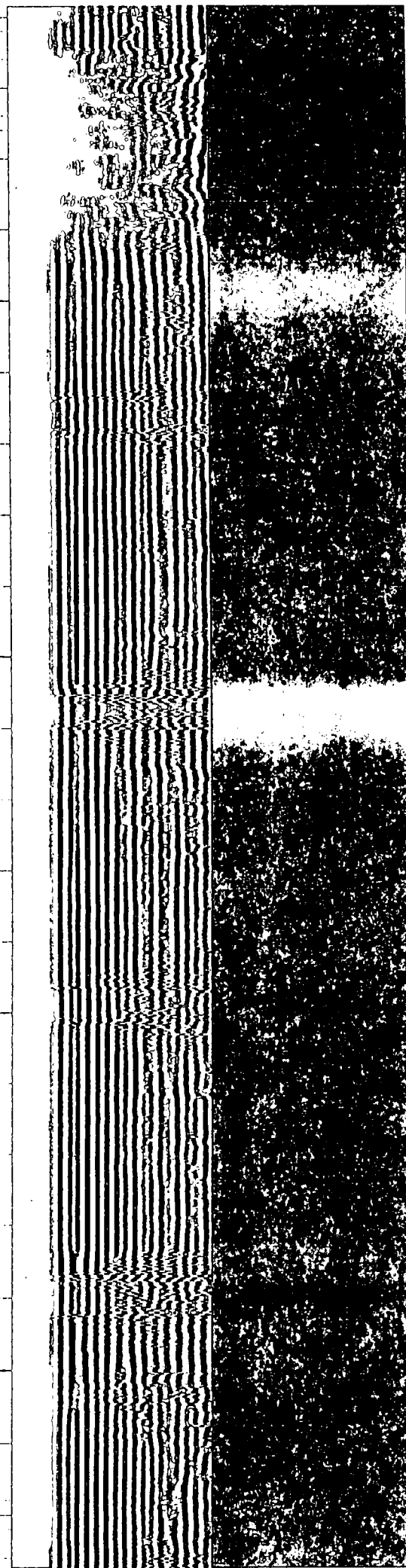
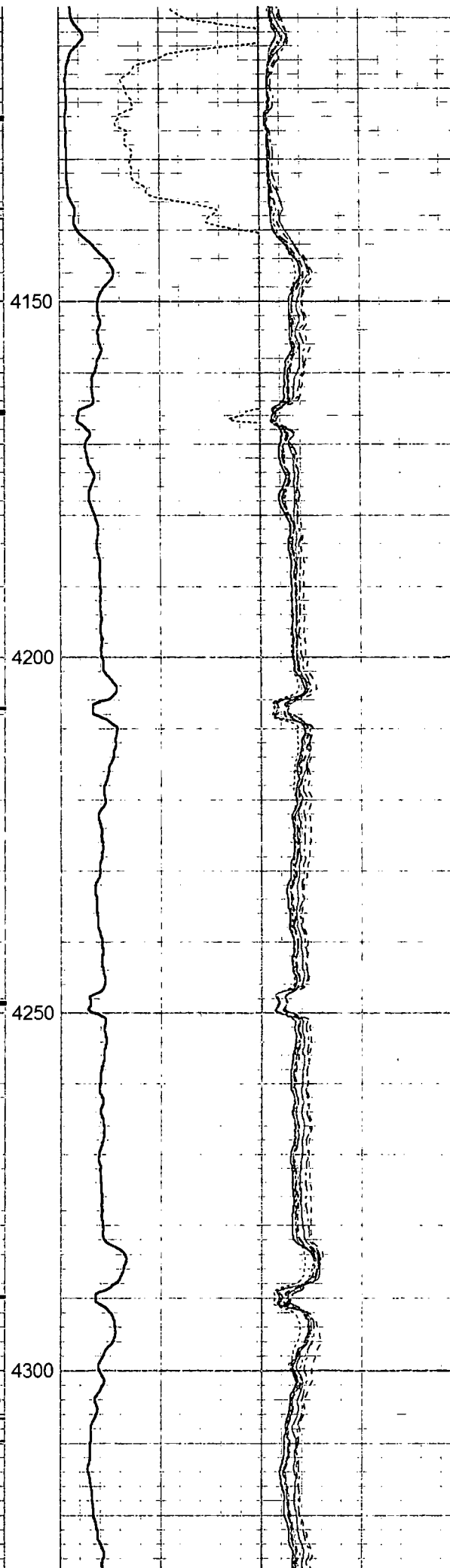
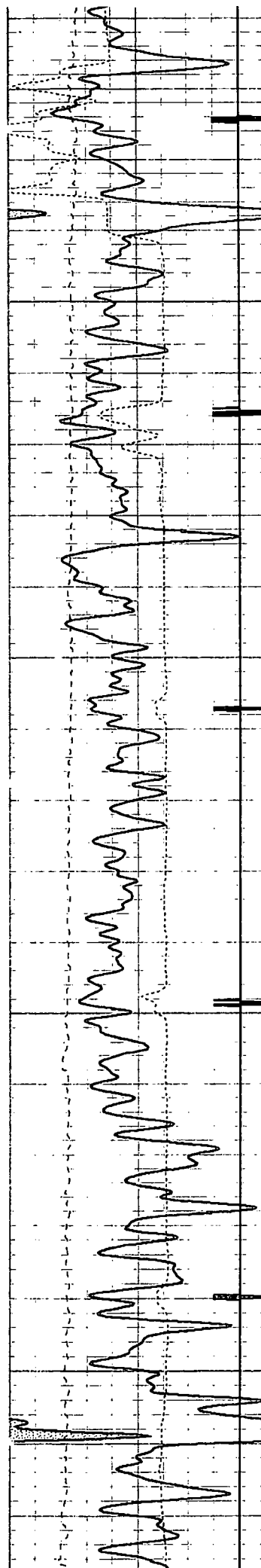


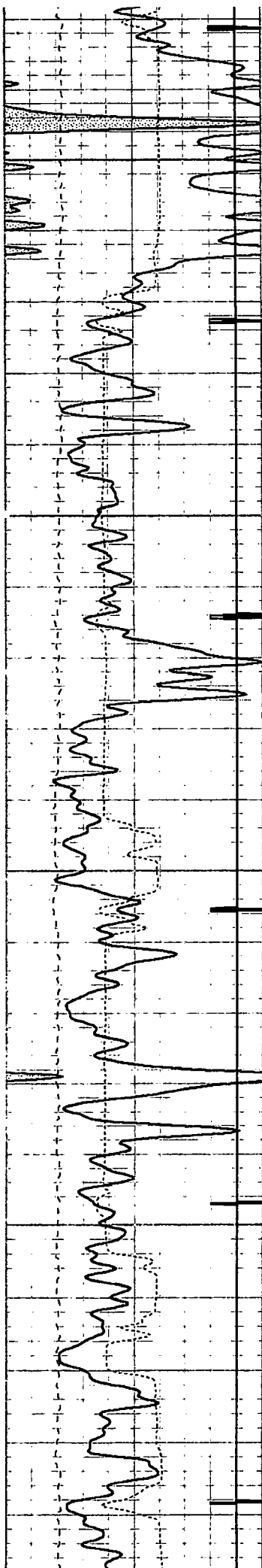










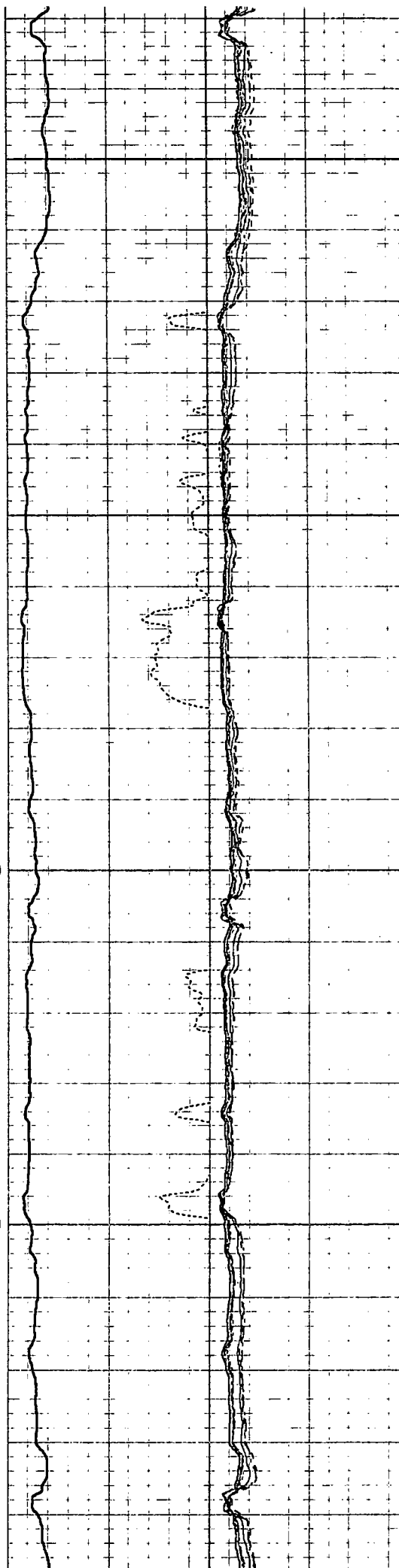


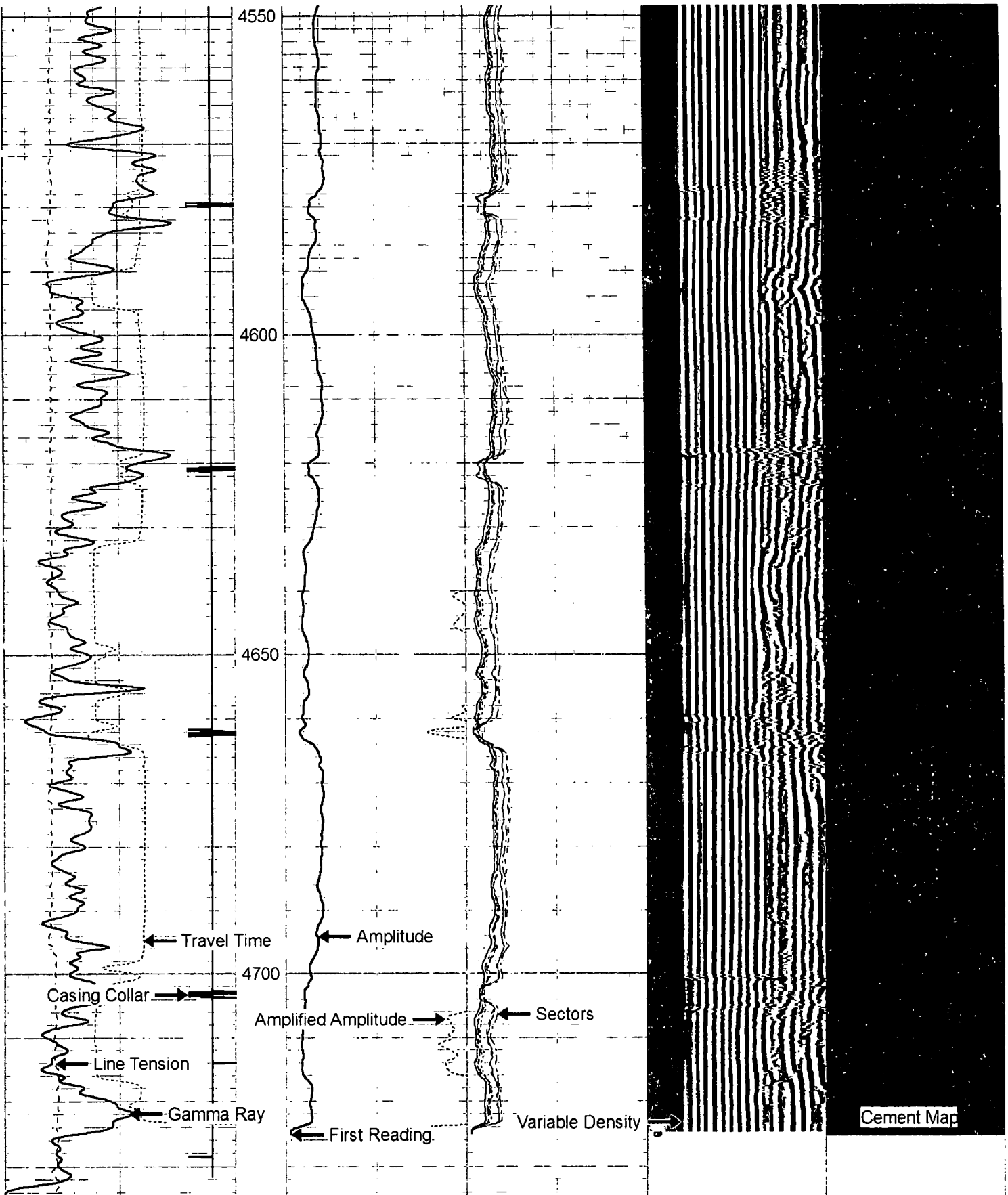
4350

4400

4450

4500





400	Travel Time (usec)	200	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	•	Amplified Amplitude	-5	Sector 2	150	200	1200	0	.	100
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	Sector 3	150				
0	Line Tension (lb)	5000				-5	Sector 4	150				
						-5	Sector 5	150				
						-5	Sector 6	150				
						-5	Sector 7	150				



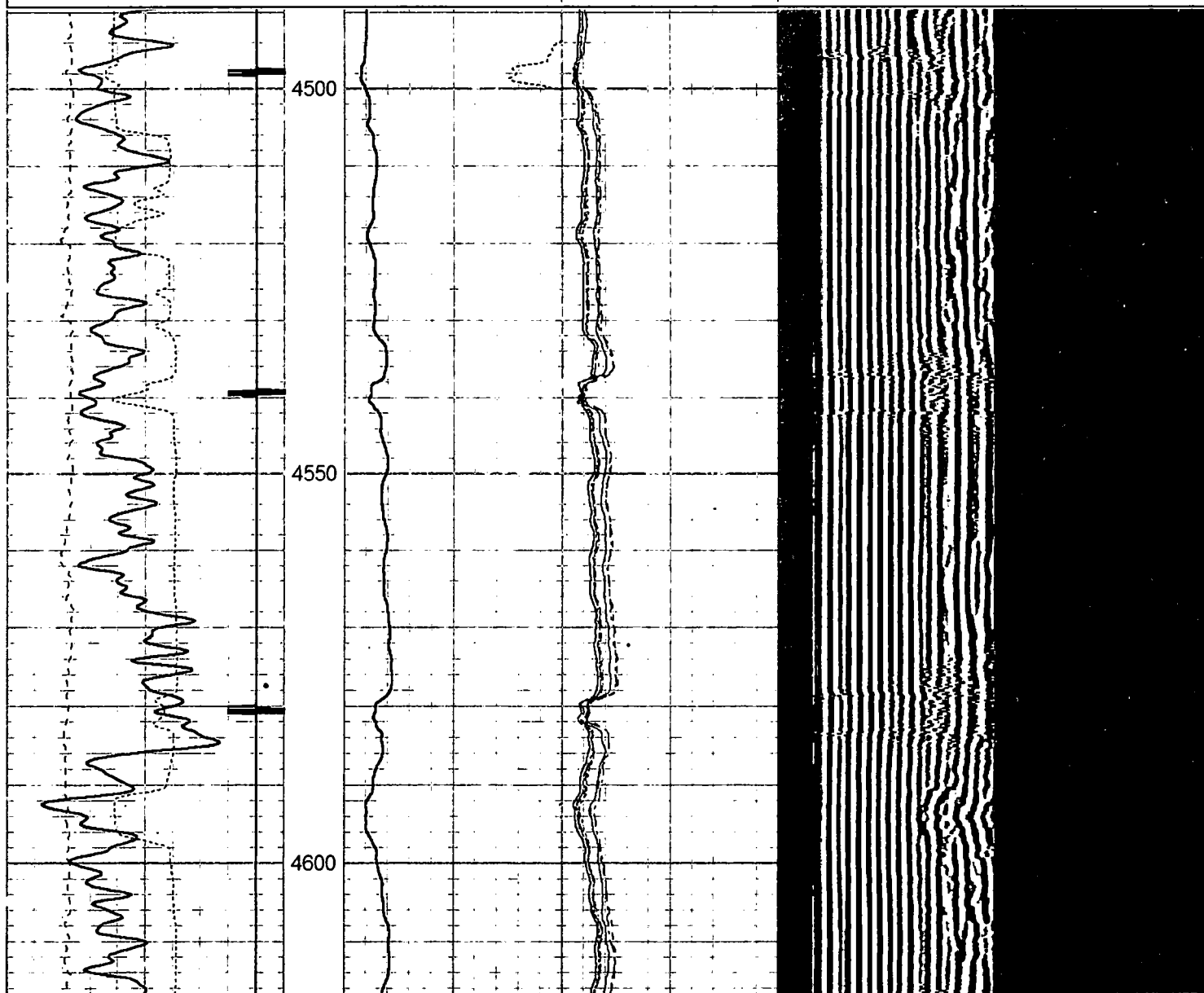
Repeat Pass 2500# Flowing

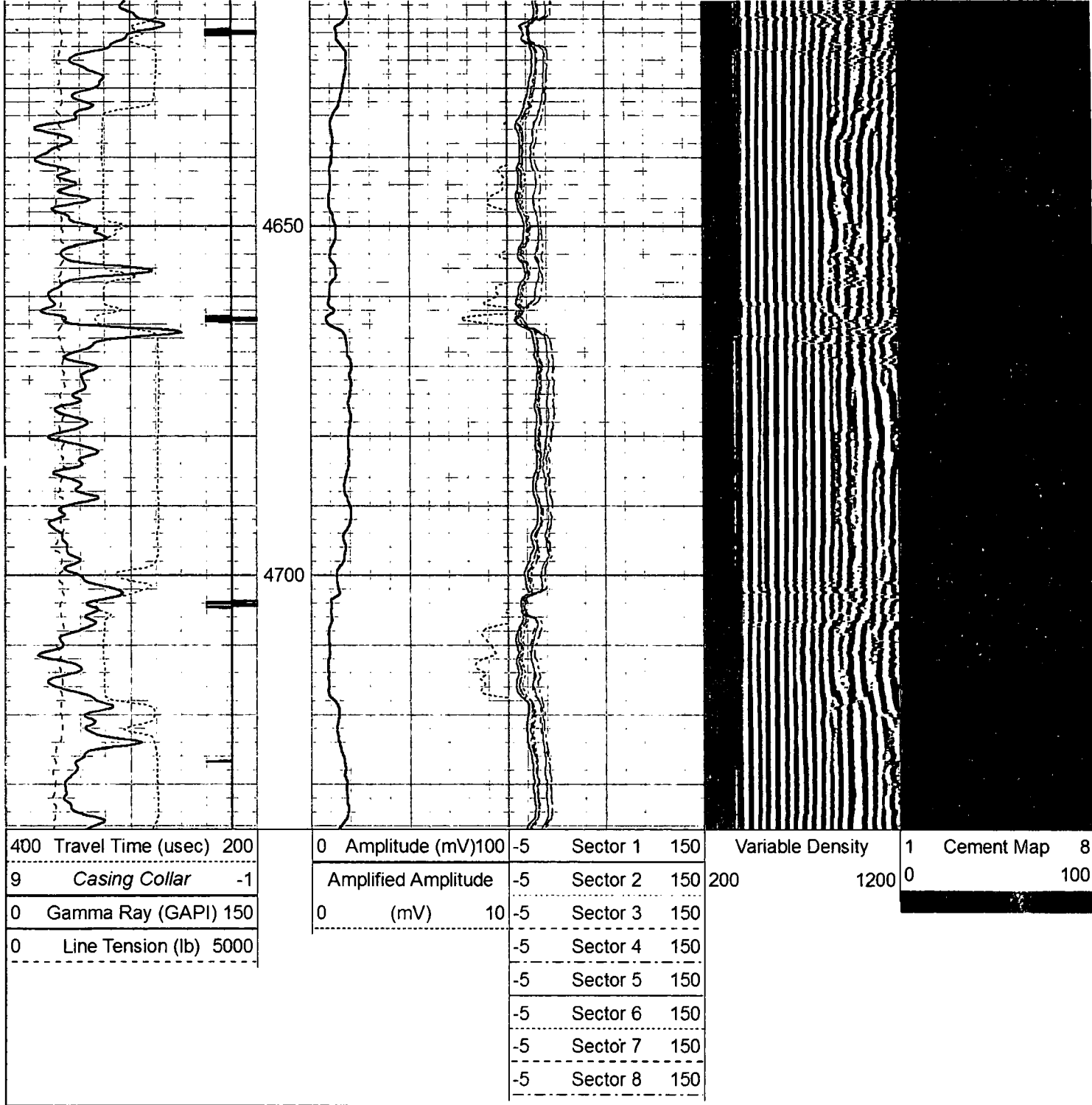
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 Charted by: Depth in Feet scaled 1:240

400 Travel Time (usec) 200
 9 Casing Collar -1
 0 Gamma Ray (GAPI) 150
 0 Line Tension (lb) 5000

0	Amplitude (mV)	100	-5	Sector 1	150
	Amplified Amplitude		-5	Sector 2	150
0	(mV)	10	-5	Sector 3	150
			-5	Sector 4	150
			-5	Sector 5	150
			-5	Sector 6	150
			-5	Sector 7	150
			-5	Sector 8	150

Variable Density 1 Cement Map 8
 200 1200 0 100





Calibration Report

Database File: wpx_tucker_draw_9-4-1h.db
 Dataset Pathname: pass3
 Dataset Creation: Mon Mar 05 11:53:44 2018 by Log SCH 120418

Gamma Ray Calibration Report

Serial Number: 121086
 Tool Model: Probe275
 Performed: Tue Sep 08 17:43:11 2015

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.8000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 121043
 Tool Model: Probe
 Calibration Casing Diameter: 7.000 in
 Calibration Depth: -192.825 ft

Master Calibration, performed Mon Mar 05 08:46:14 2018:

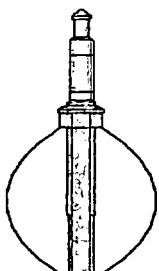
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.945	2.500	62.165	63.131	2.493
CAL	0.001	1.020				
5'	0.001	0.918	1.000	62.165	66.704	0.962
SUM						
S1	0.013	0.947	0.000	100.000	107.088	-1.403
S2	0.001	0.941	0.000	100.000	106.432	-0.156
S3	0.001	0.942	0.000	100.000	106.243	-0.071
S4	0.000	0.949	0.000	100.000	105.393	-0.032
S5	0.000	0.946	0.000	100.000	105.771	-0.037
S6	0.001	0.961	0.000	100.000	104.148	-0.058
S7	0.000	0.964	0.000	100.000	103.720	-0.029
S8	0.000	0.958	0.000	100.000	104.389	-0.028

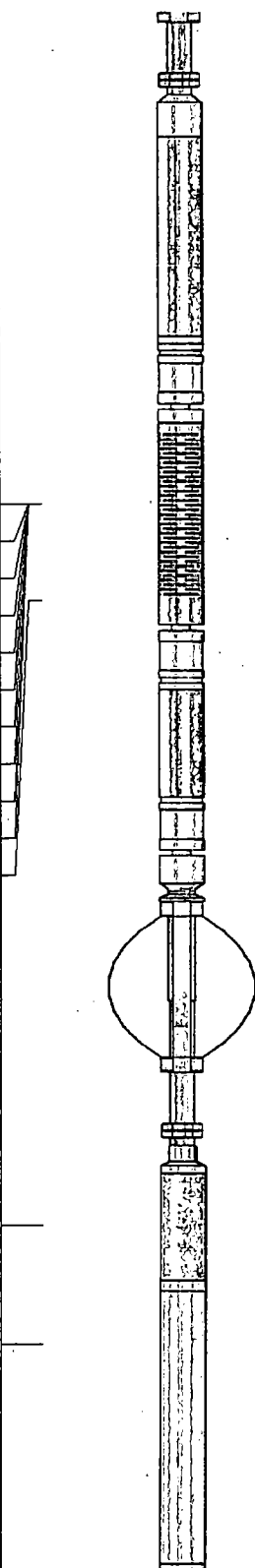
Internal Reference Calibration, performed Mon Mar 05 07:18:38 2018:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	1.020	1.000	0.000

Air Zero Calibration, performed Mon Mar 05 07:15:51 2018:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
			Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00

WVF3FT	12.01		RBT-Probe (121043) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	100.00
WVFCAL	12.01					
WVFS1	12.01					
WVFS2	12.01					
WVFS3	12.01					
WVFS4	12.01					
WVFS5	12.01					
WVFS6	12.01					
WVFS7	12.01					
WVFS8	12.01					
WVF5FT	10.93					
			Probe Probe 2 3/4" Centralizer	2.88	2.75	20.00
CCL	3.92					
GR	2.58		GR-Probe275 (121086) Probe 2 3/4" Logging Gamma Ray 6 Pin	4.80	2.75	57.00
Dataset: wpx_tucker_draw_9-4-1h.db: field/well/run1/pass3 Total Length: 20.47 ft Total Weight: 207.00 lb O.D.: 2.75 in						

Company	Wpx Energy		
Well	Tucker Draw 9-4-1H		
Field	Wolfcamp A		
County	Eddy	State	New Mexico

