

ACOUSTIC CEMENT
BOND LOG
7.00" 23LBS CASING

COMPANY PETROX
RESOURCES INC.
WELLWRIGHT 33-5 #21-1

FIELDIGNACIO BLANCO
CNTYARCHULETA STATE CO

COMPANY PETROX RESOURCES INC.

WELL WRIGHT 33-5 #21-1

FIELD IGNACIO BLANCO

COUNTY ARCHULETA

STATE COLORADO

LOCATION:

SEC.21 TWP.33N RGE05M

OTHER SERVICES

PERM. DATUM Ground Level	ELEV. 6236'
LOG MEASURED FROM K.B. 13' FT. ABOVE PERMANENT DATUM	
DRILLING MEASURED FROM KELLY BUSHINGS	

ELEV. 6236'	ELEV.:K.B. 6249.5'
-------------	--------------------

DATE	05-FEB-2010
------	-------------

RUN NO. ONE

DEPTH DRILLER	PBTD-2380
---------------	-----------

DEPTH LOGGER	2853'
--------------	-------

BTM. LOG INTERVAL	2851'
-------------------	-------

TOP LOG INTERVAL	SURF.
------------------	-------

OPEN HOLE SIZE	8.75"
----------------	-------

TYPE FLUID	WATER
------------	-------

DENS.	VISC.	8.3
-------	-------	-----

MAX. REC. TEMP. F	0
-------------------	---

ESL. CEMENT 10P	SEE LOG
TIME WELL READY	NOA

TIME 1000	11 ME WELL READY
REF 100	IRUA

TIME LOGGER ON B.M.	SEE LOG
ENTER NO	14095

EQUIP. NO.	14086
LOCATION	ADMINISTRATIVE

LOCATION	RECORDED BY
FARLINGTON	JOHNNY VA

WITNESSED BY	DAVID CBOW
RECORDED BY	JOHNNI VA

WILLIAMS DAVID CROOK BOEHNE RECORD

BOREHOLE RECORD

TUBING RECORD

RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
---------	-----	------	----	------	------	------	----

[illegible][illegible][illegible][illegible]

CASING RECORD	SIZE	Wt./Ft	GRADE	TYPE JOINT	LOG	BOH LOG
1	2 1/2"	23.0	" 40		10P	B0110

SURFACE STRING	9 5/8"	32.0	H-40	SUR-	415'
PROT. STRING	7"	23.0	K-55	SURF.	2994'
PROD. STRING	4 1/2"	11.6	J-55	2893'	6225'
LINER					

REMARKS	Rig: HUURICANE #12	Service Order # 164683
		BHT 0 °F

Prints: 4

THANK YOU FOR CHOOSING WEATHERFORD WIRELINE SERVICES FARMINGTON.NM (505)564-9131

[illegible]

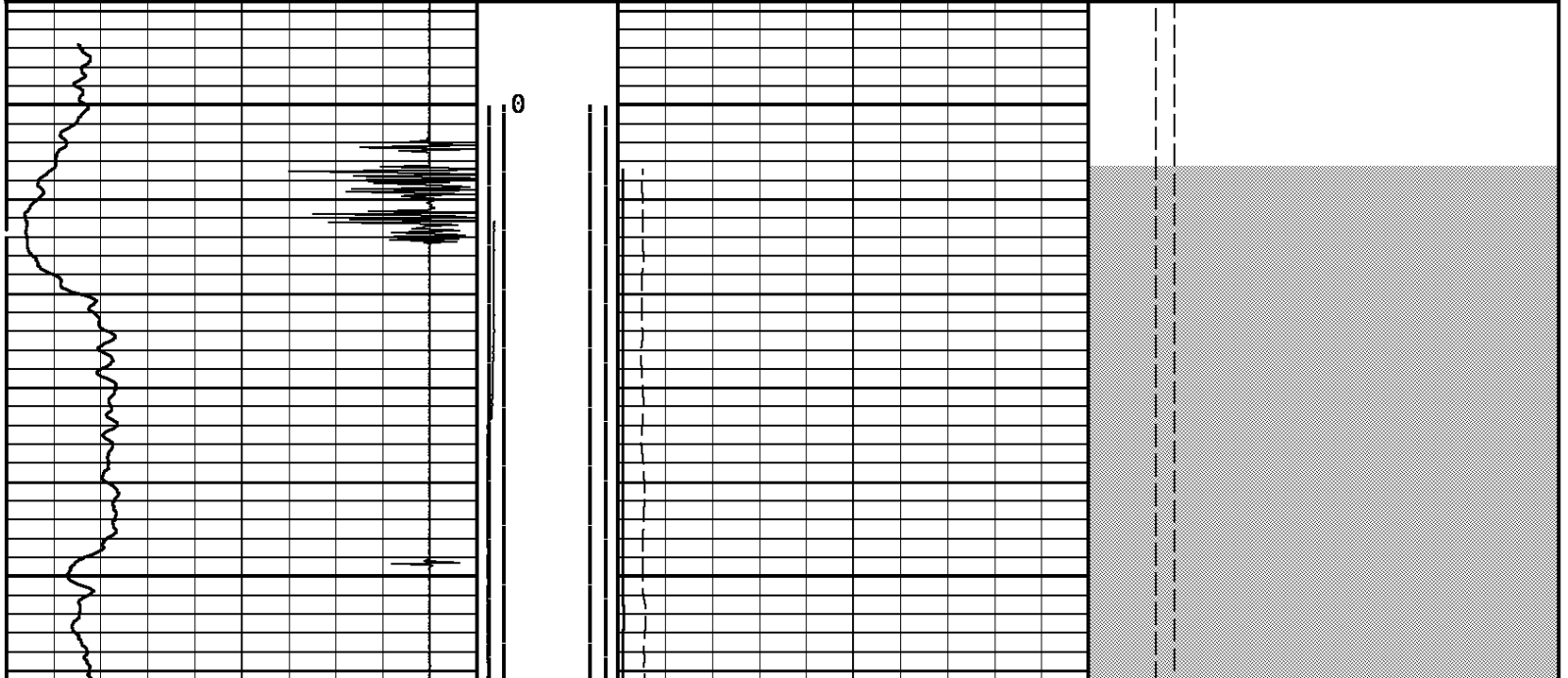
FILE HISTORY										
FILE NAME	DATE START	TIME START STOP		DEPTH START STOP		DEPTH SHIFT	TYPE	DIR	SOURCE	PASS IDENTIFIER
MFPASS	02/05/10	13:51	13:53	2854.1	8.4	0.0	RAW	UP	CS400	MAIN PASS
.CBLMAIN	02/05/10	12:54	13:44	2854.1	8.4	0.0	RAW	UP	CS400	MAIN PASS

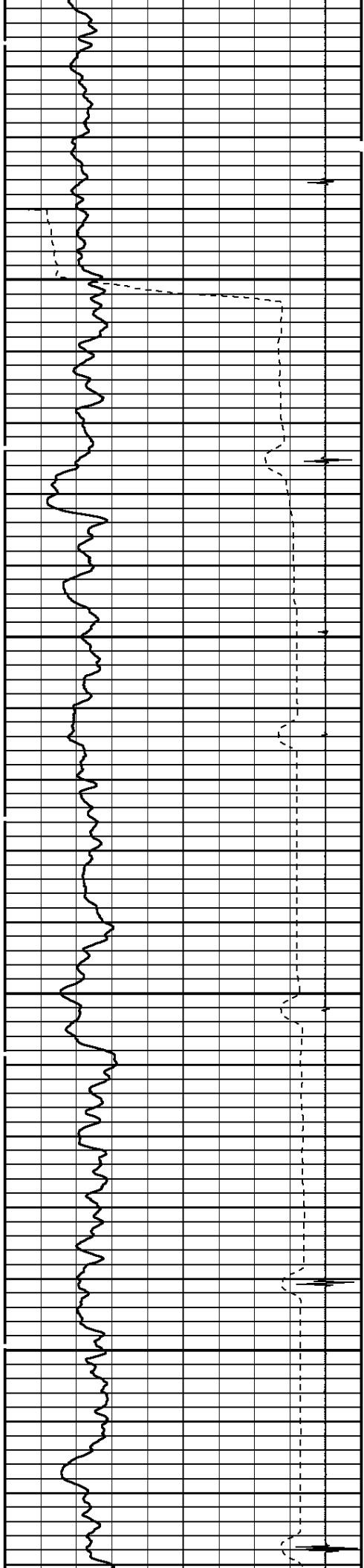
REMARKS										
RUN WITH 1000 SURF.PRESSURE										

DEPTH SCALE: 5":100'											VERSION: 80214133R"										
MAIN PASS																					

164683 MFPASS										
FINISH DEPTH: 8.4 Feet DIRECTION: UP DATE: 02/05/2010 TIME: 13:53 MODE: RECOMPUTE										
RECOMPUTED DATE: 02/05/2010 TIME: 14:18										

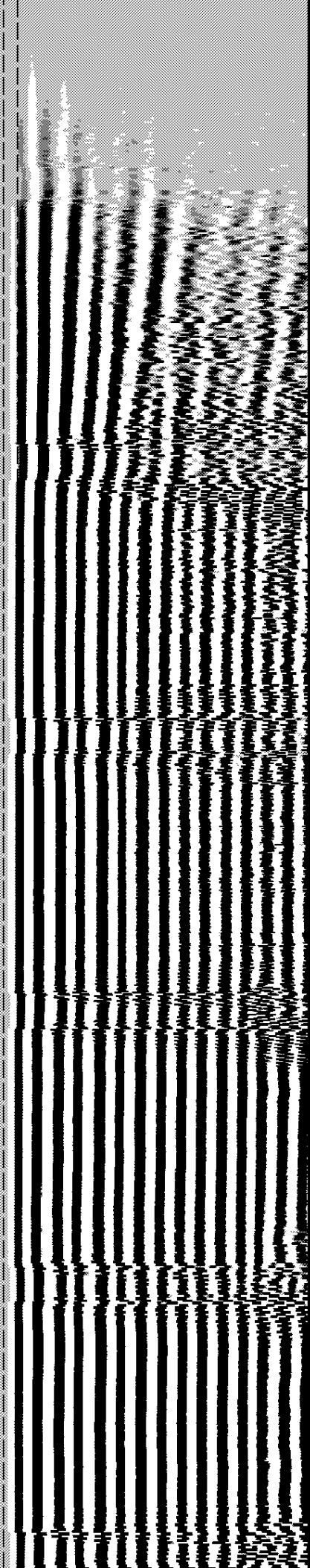
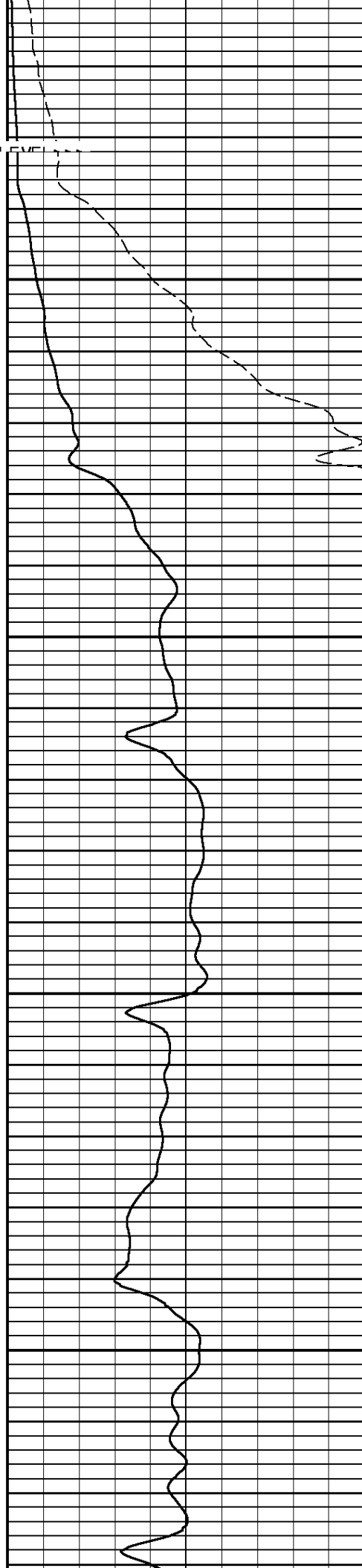
Collar Locator						FREE PIPE GATE		
-3600	Millivolts	400				200	Microseconds	1200
Gamma Ray			AMPLITUDE 3FT X5			FREE PIPE GATE		
0	API	200	0	Millivolts	20	200	Microseconds	1200
TRAVEL TIME 3FT			Tension	AMPLITUDE 3FT		VARIABLE DENSITY 5FT		
345	Microseconds	245	0 1900	0	Millivolts 100	200	Microseconds	1200

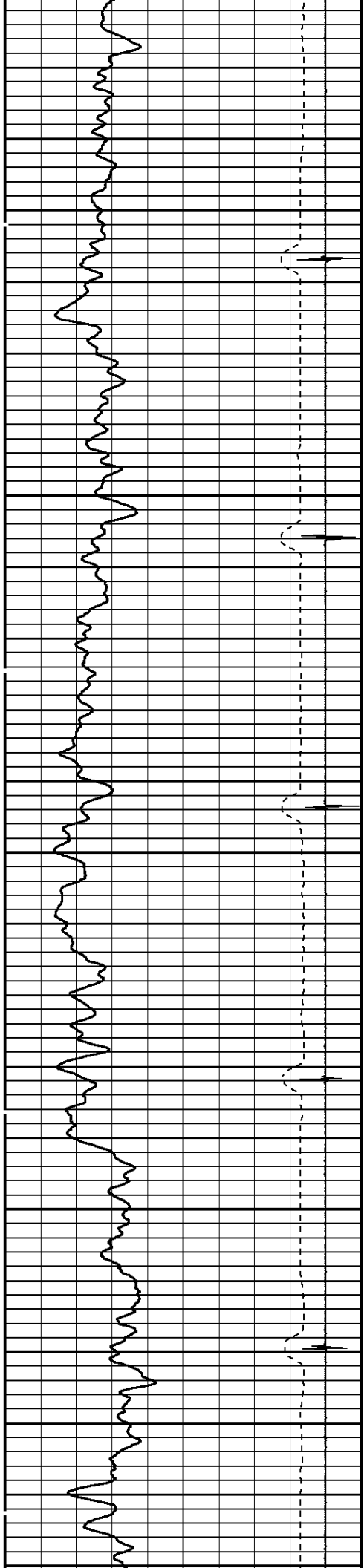




100

200

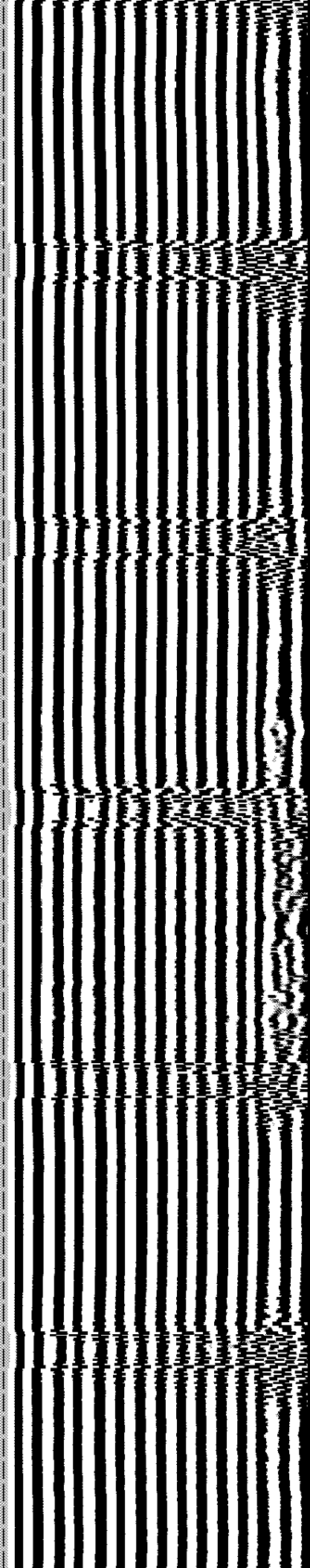
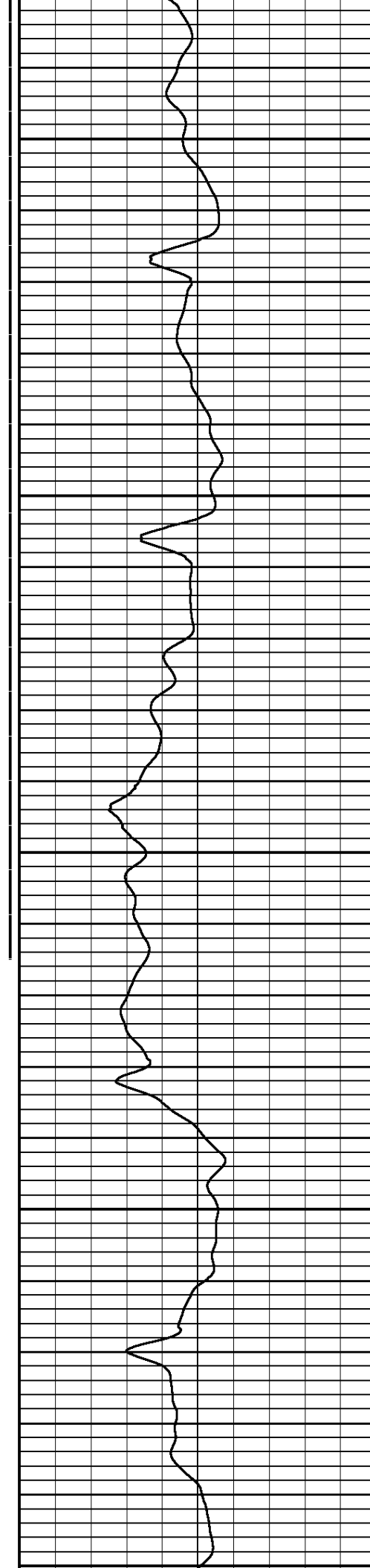


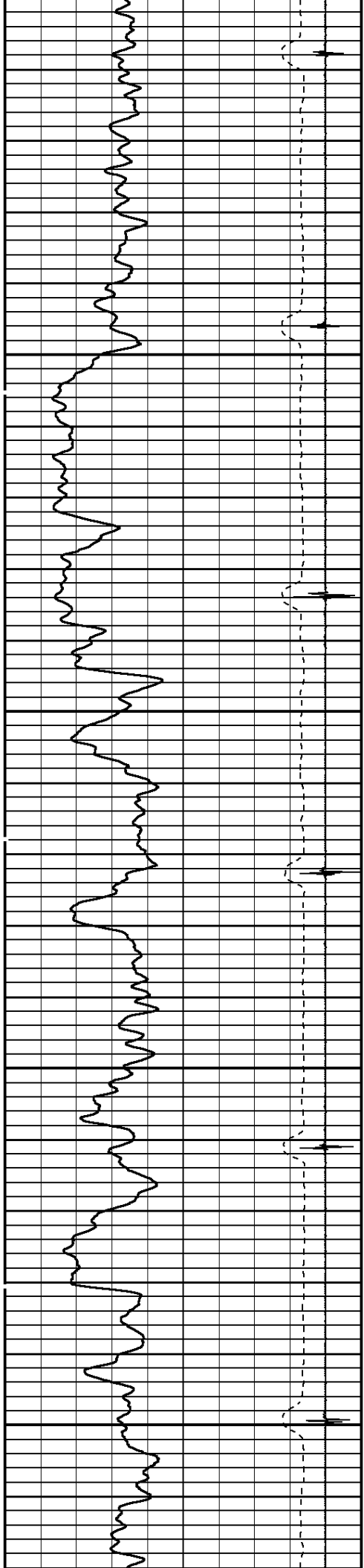


300

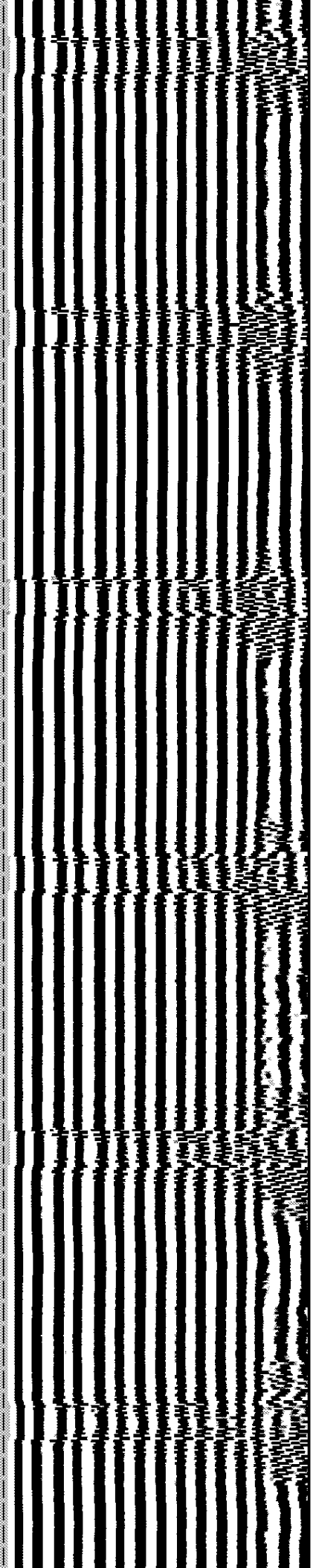
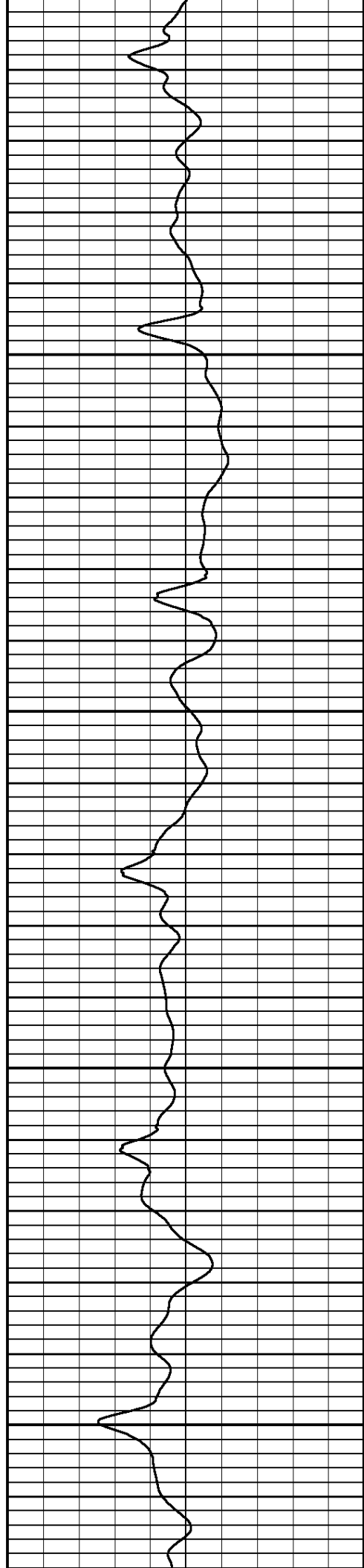
400

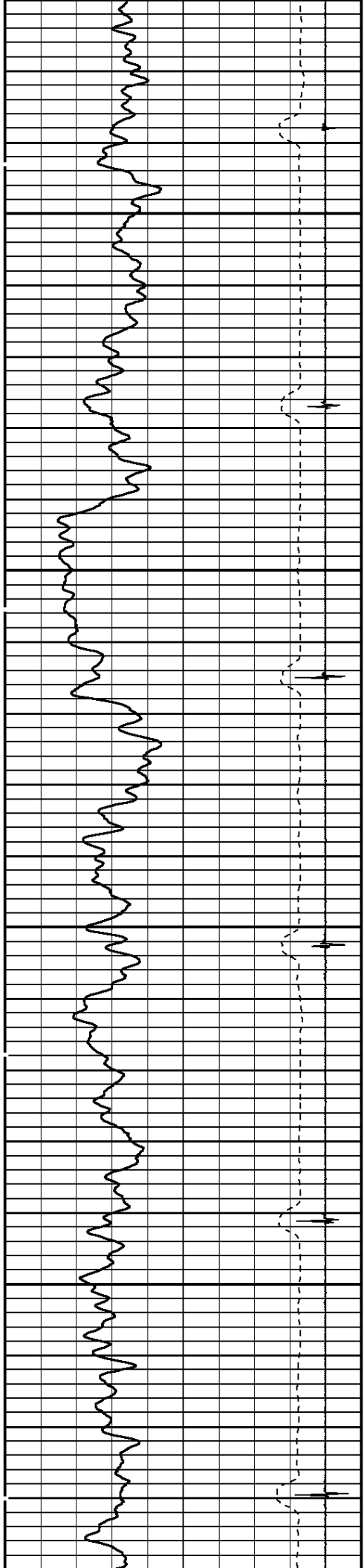
500





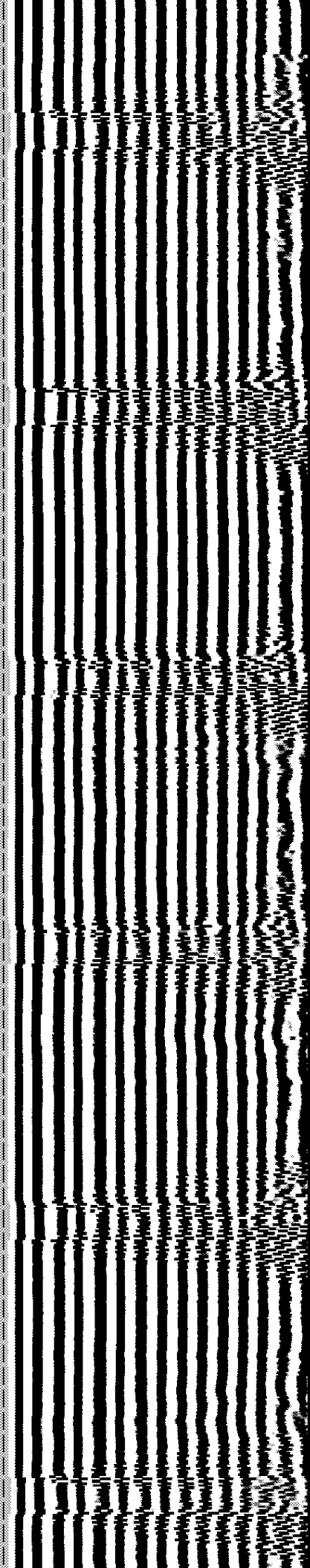
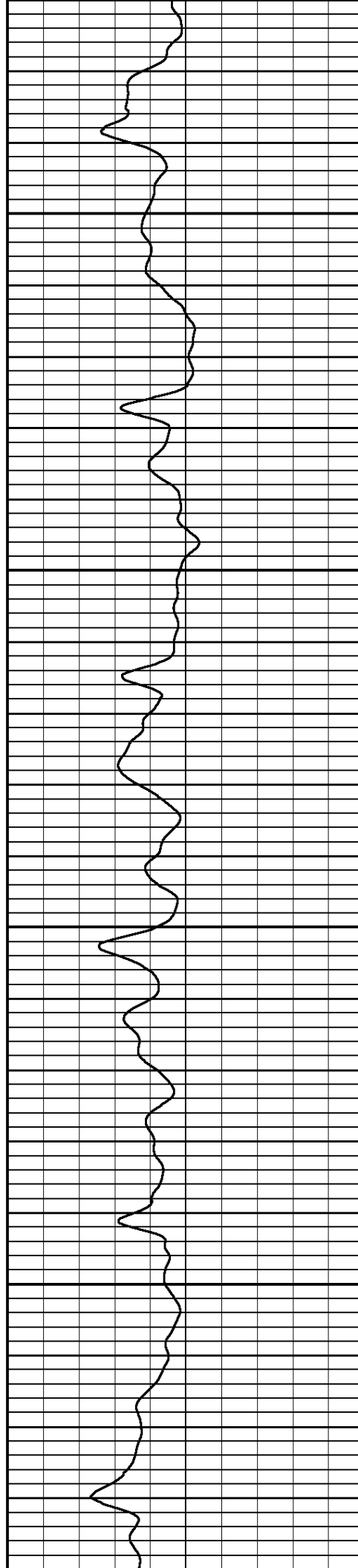
500
600
700

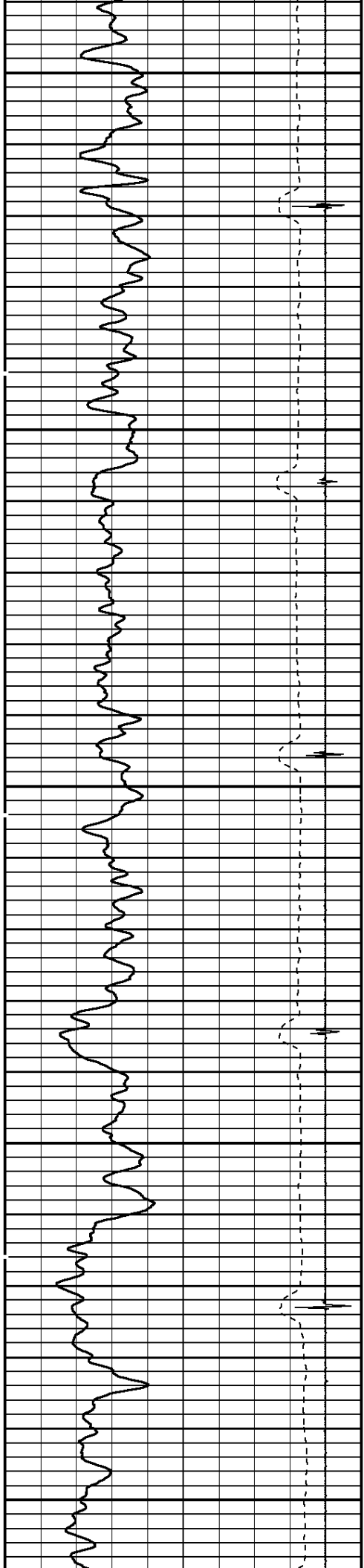




800

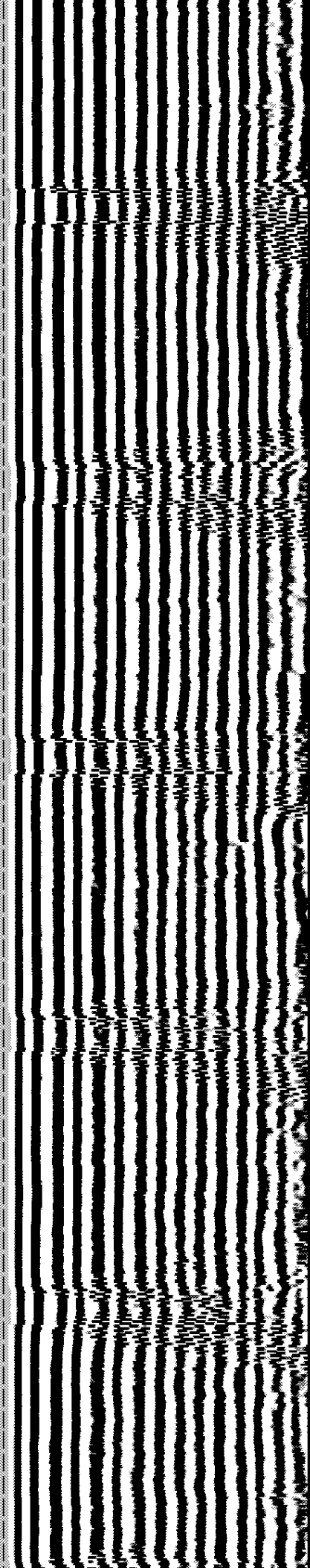
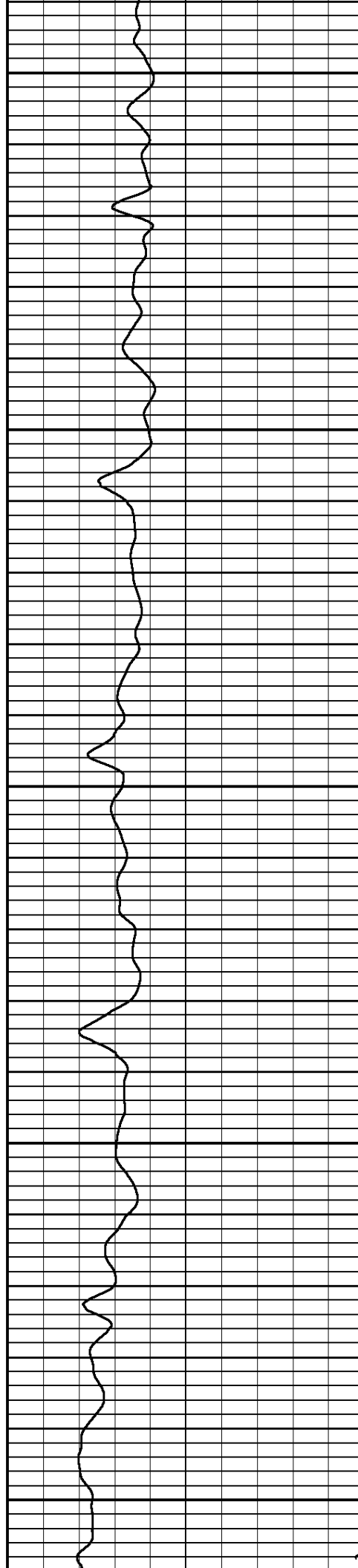
900

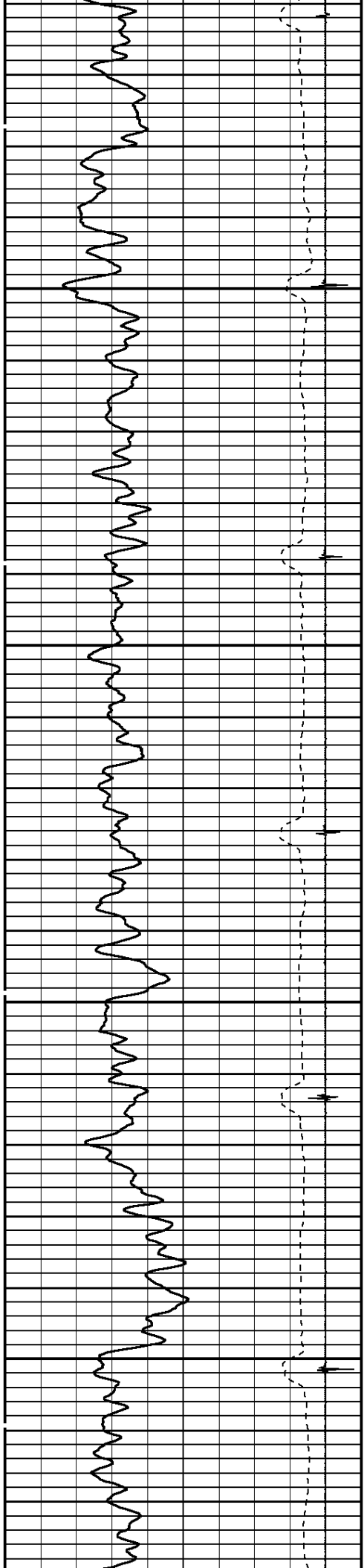




1000

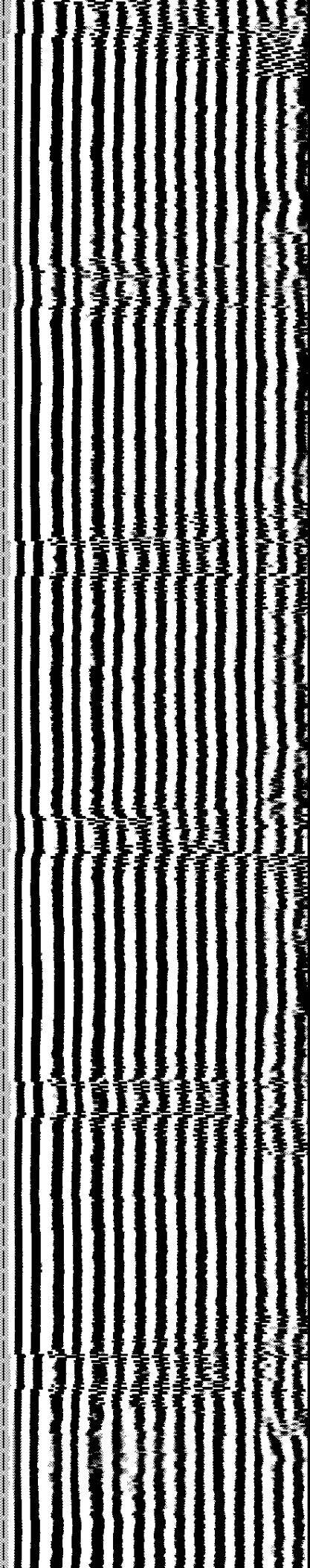
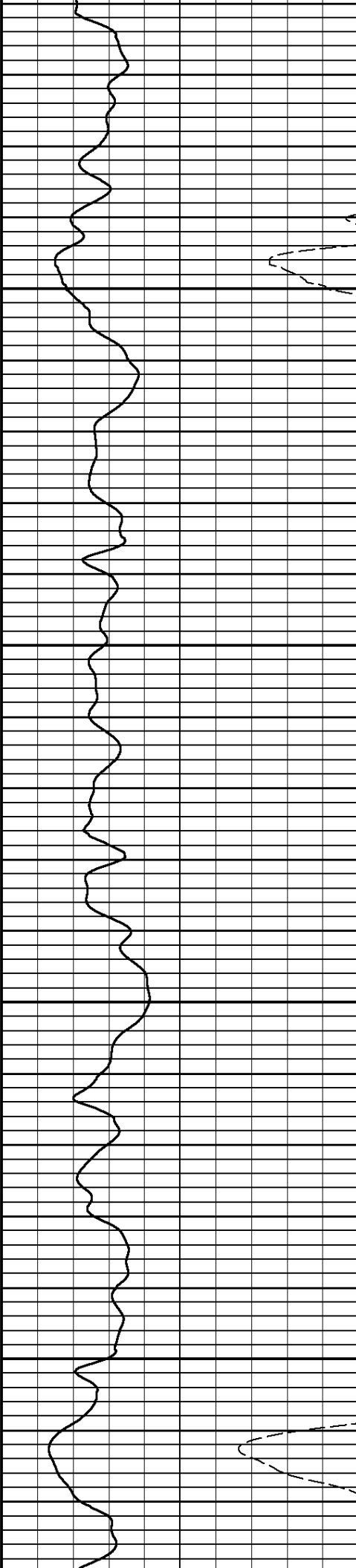
1100

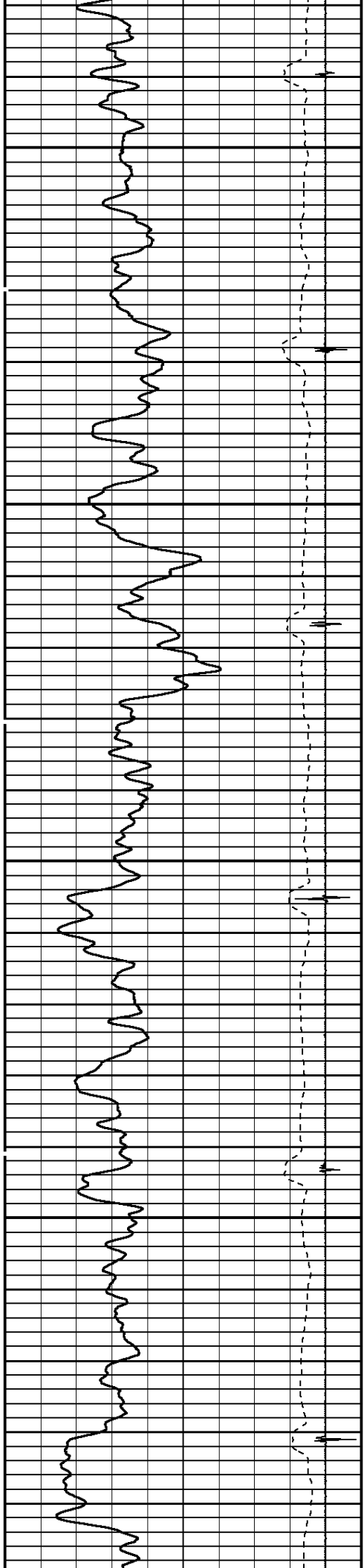




1200

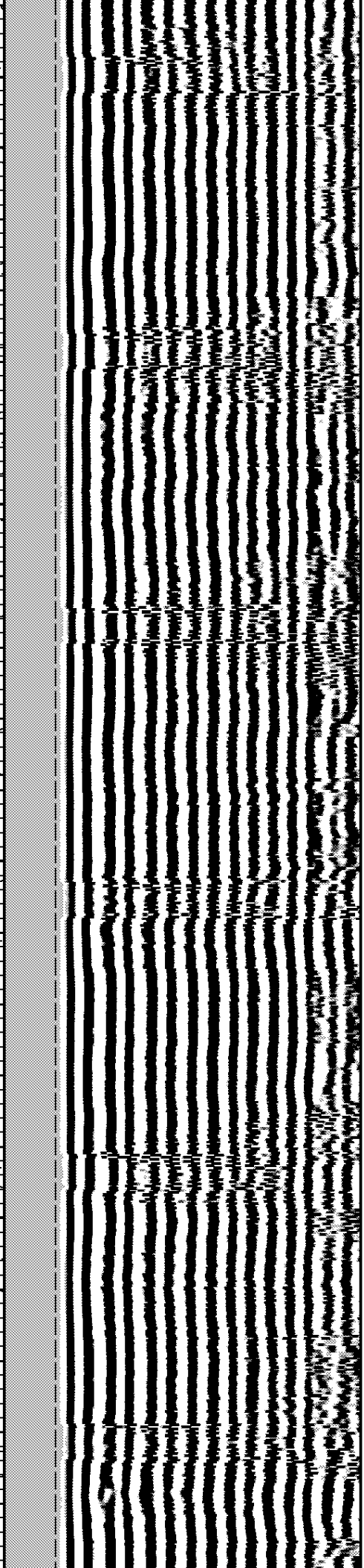
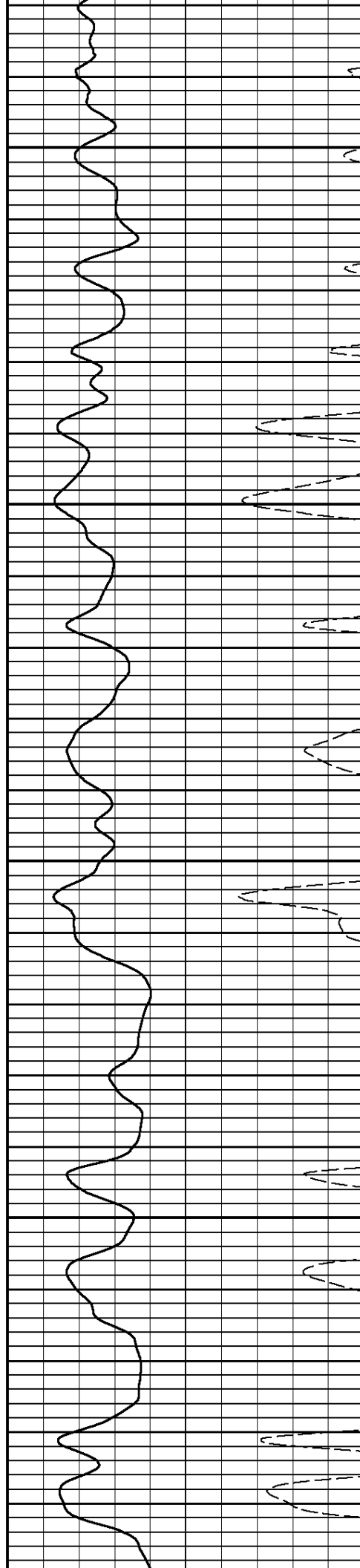
1300

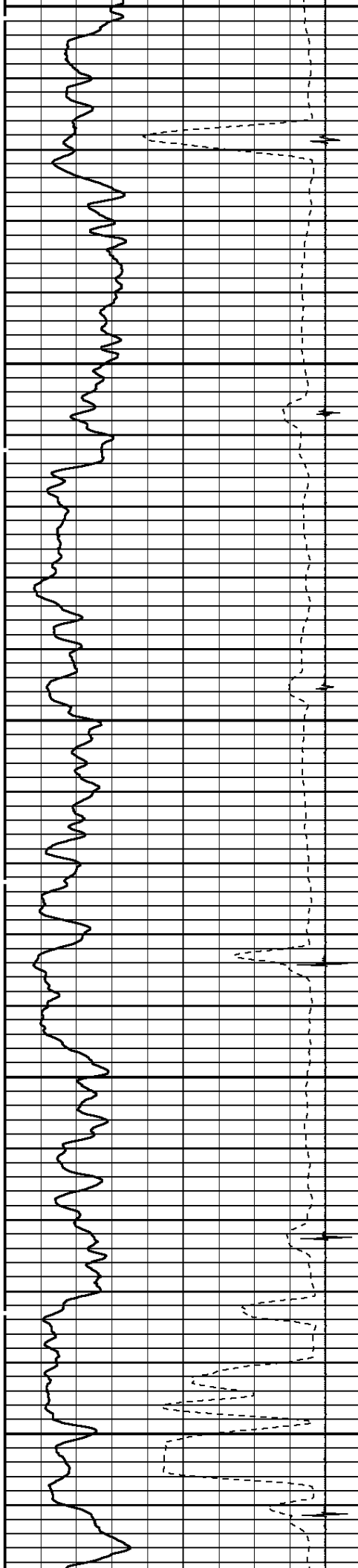




1400

1500

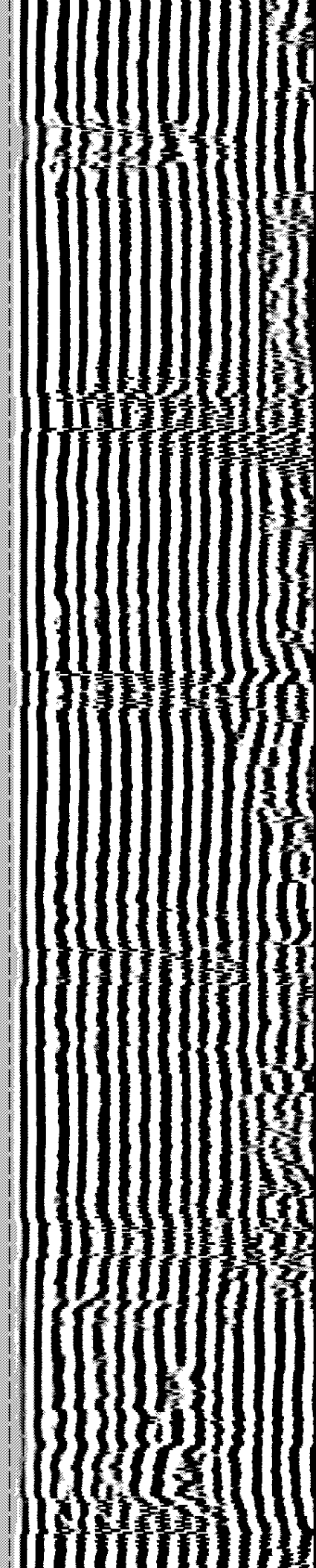
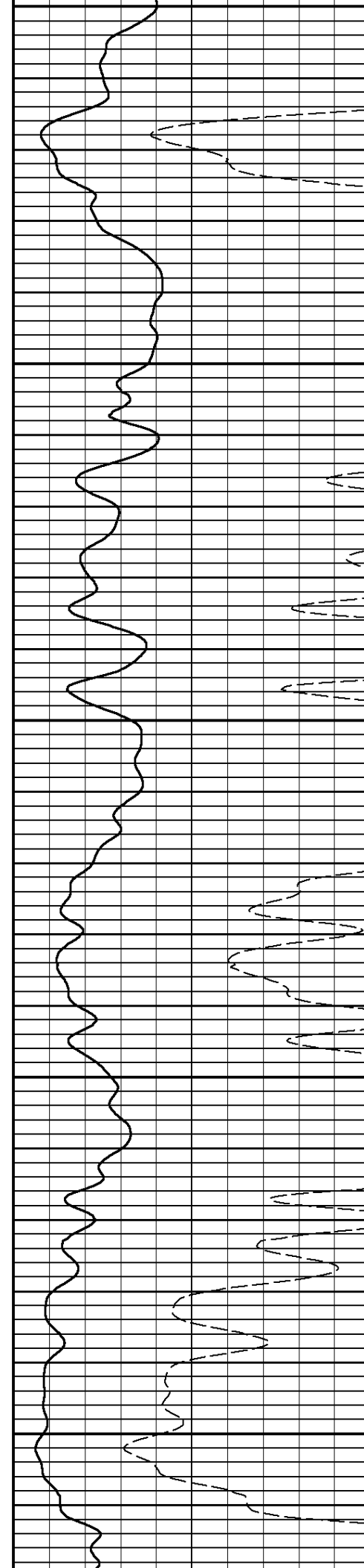


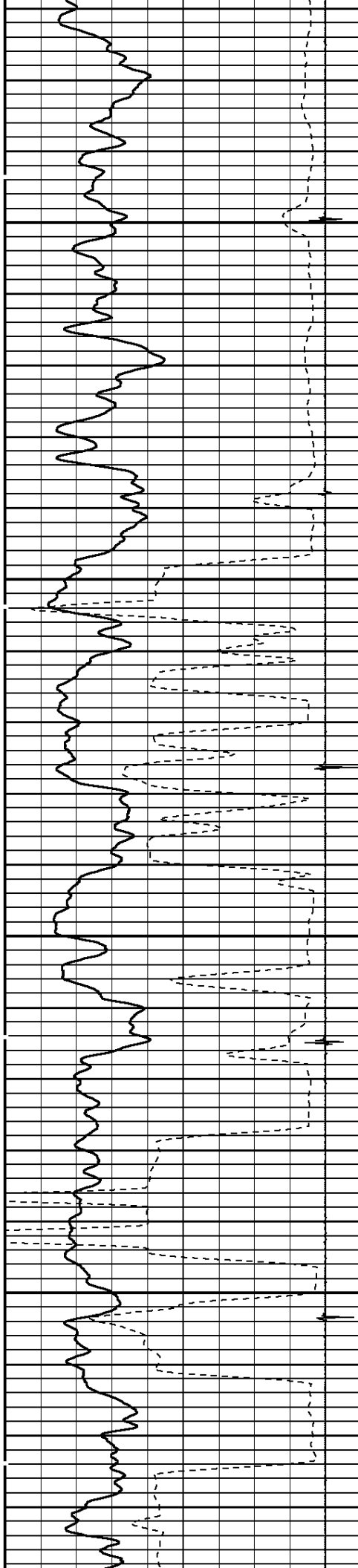


1600

1700

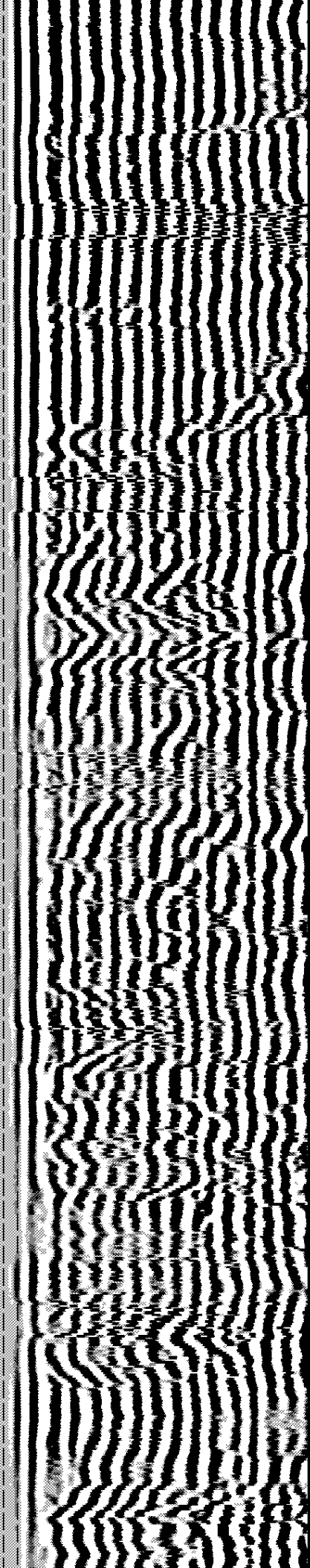
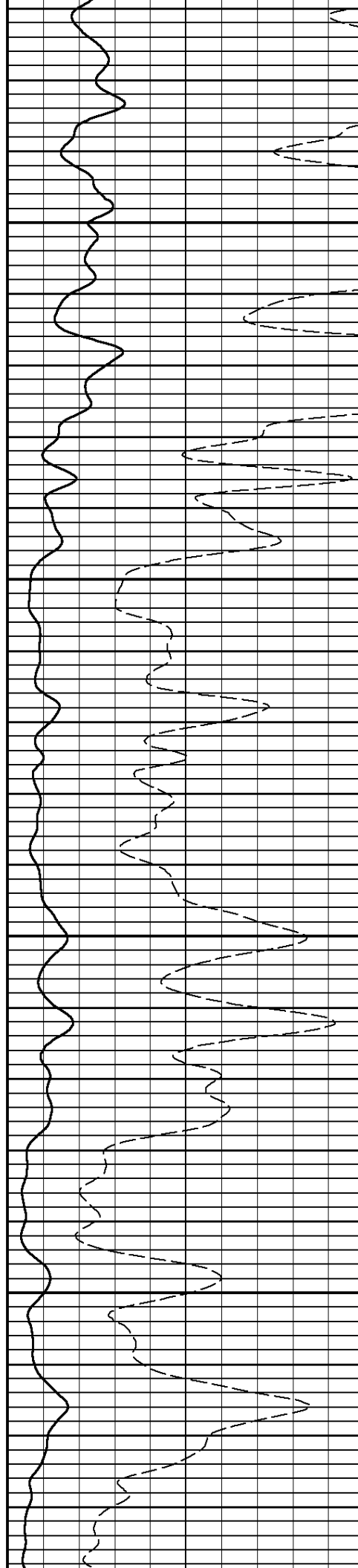
1800

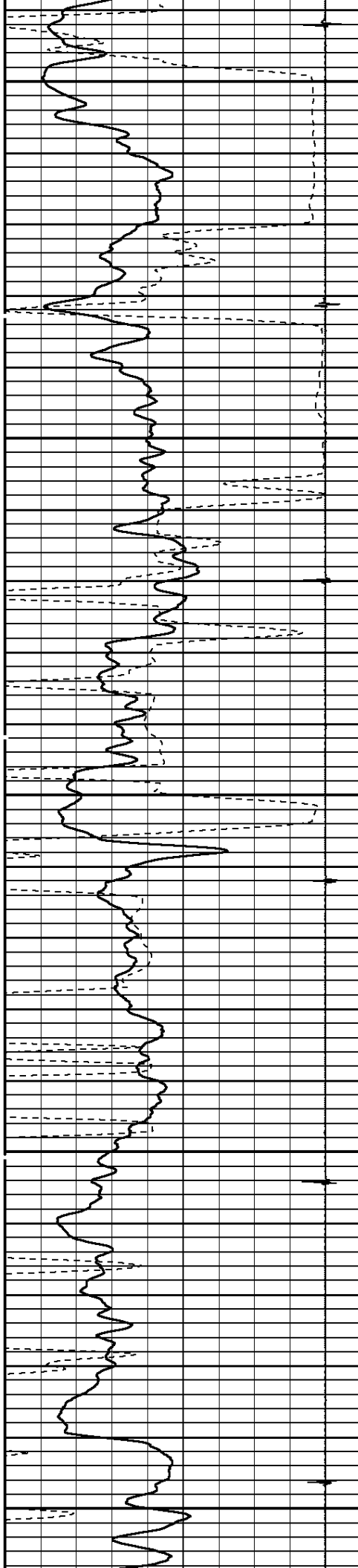




1900

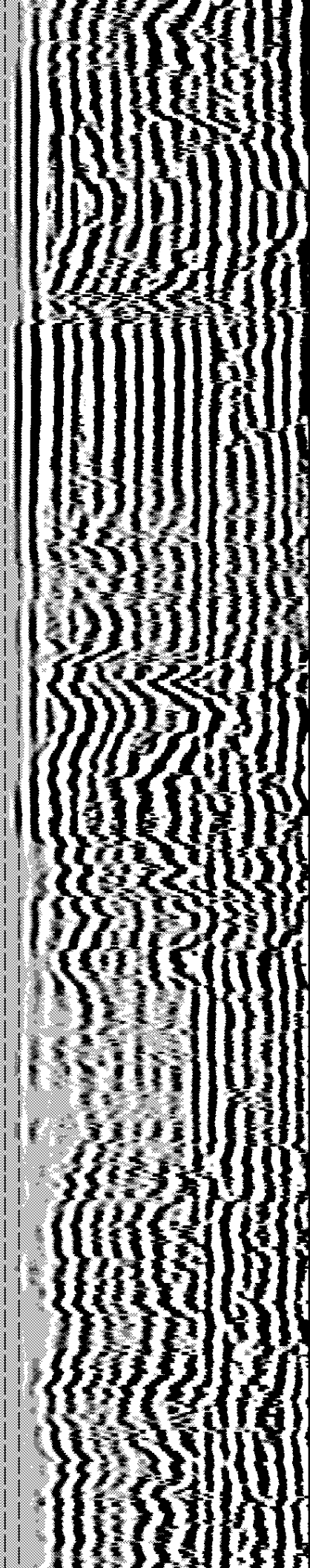
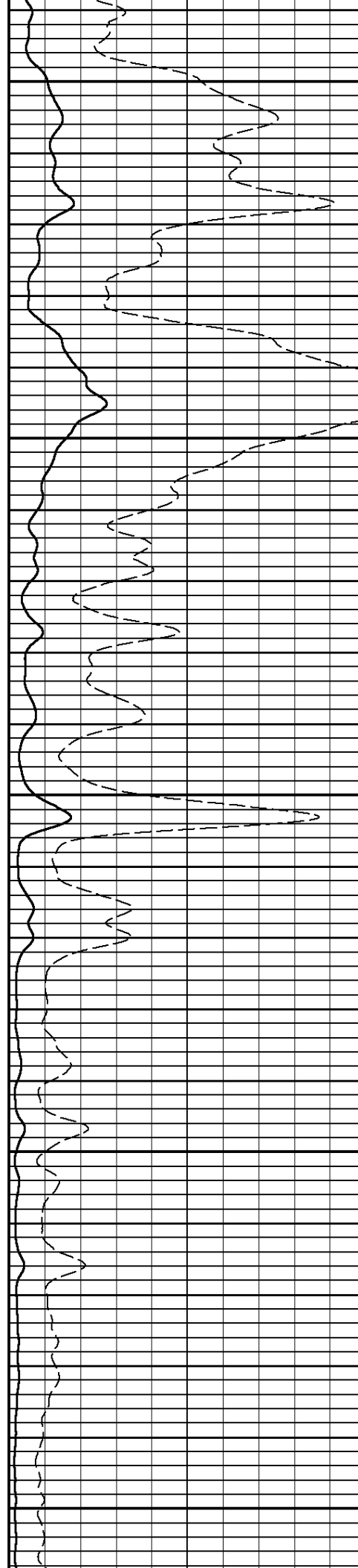
2000

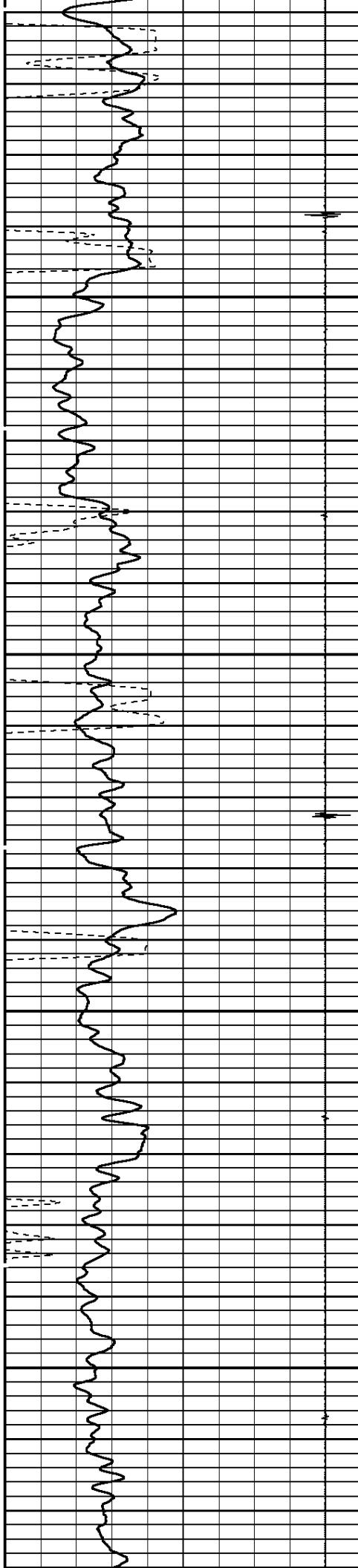




2100

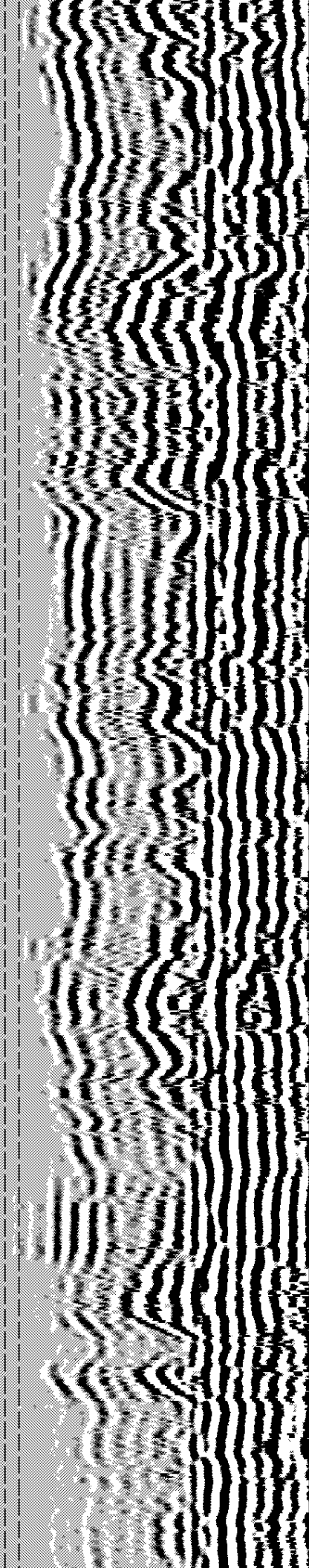
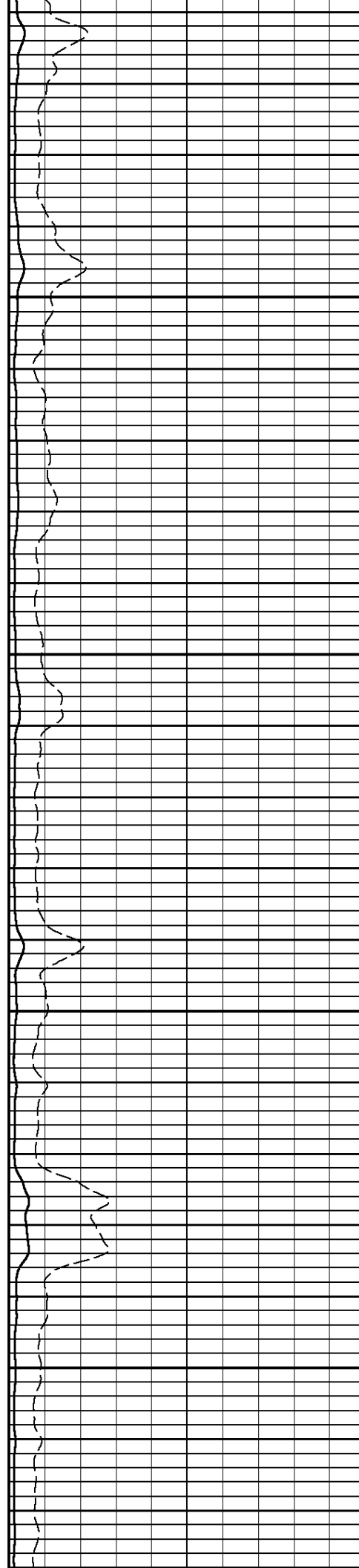
2200

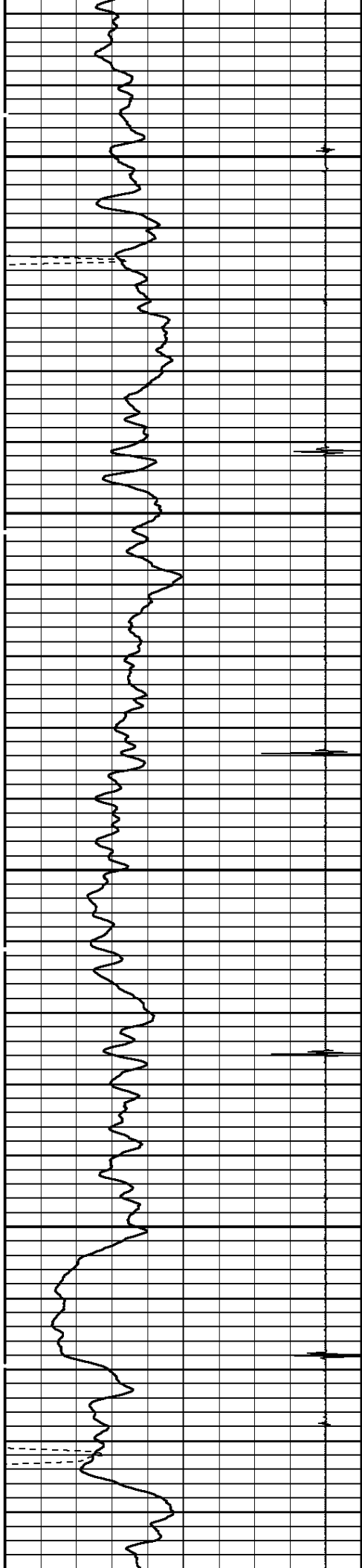




2300

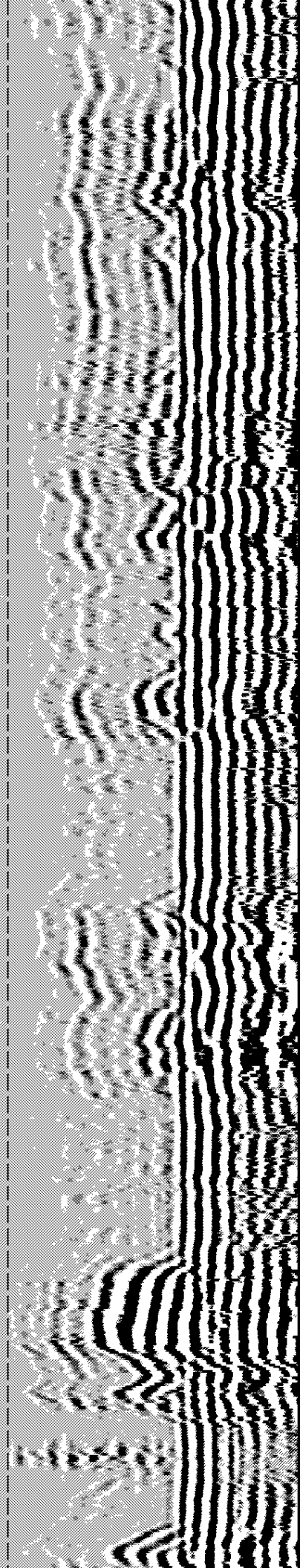
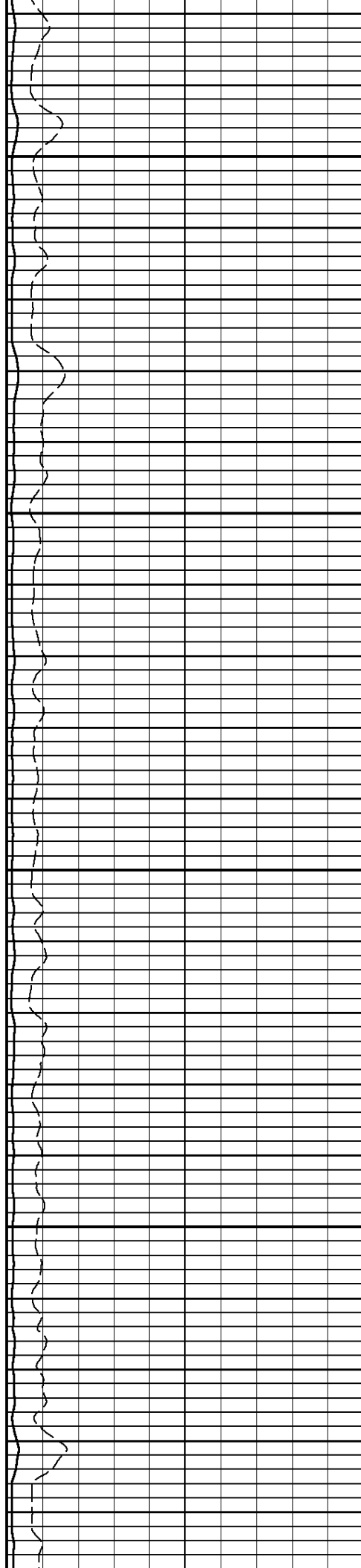
2400

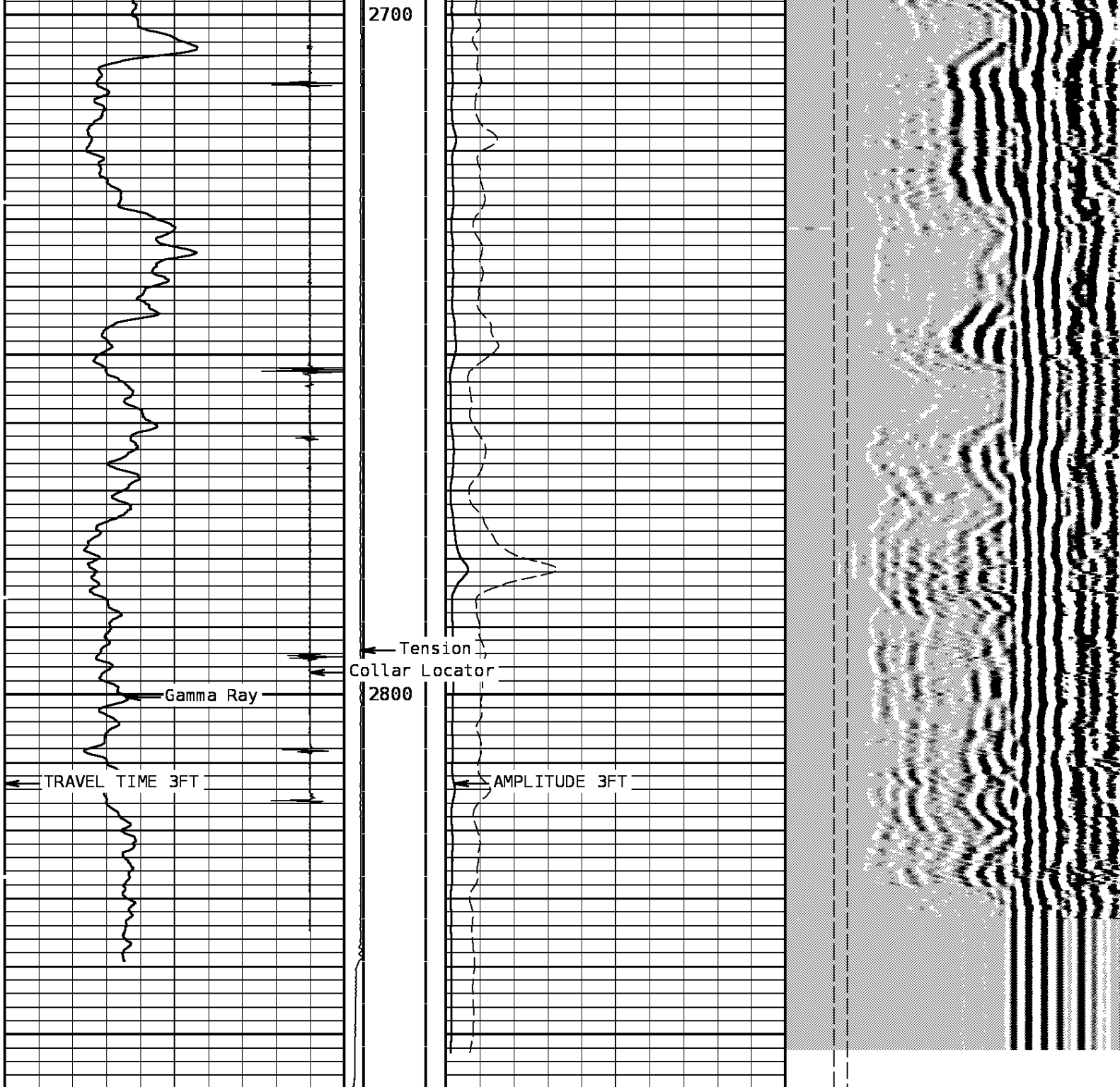




2500

2600



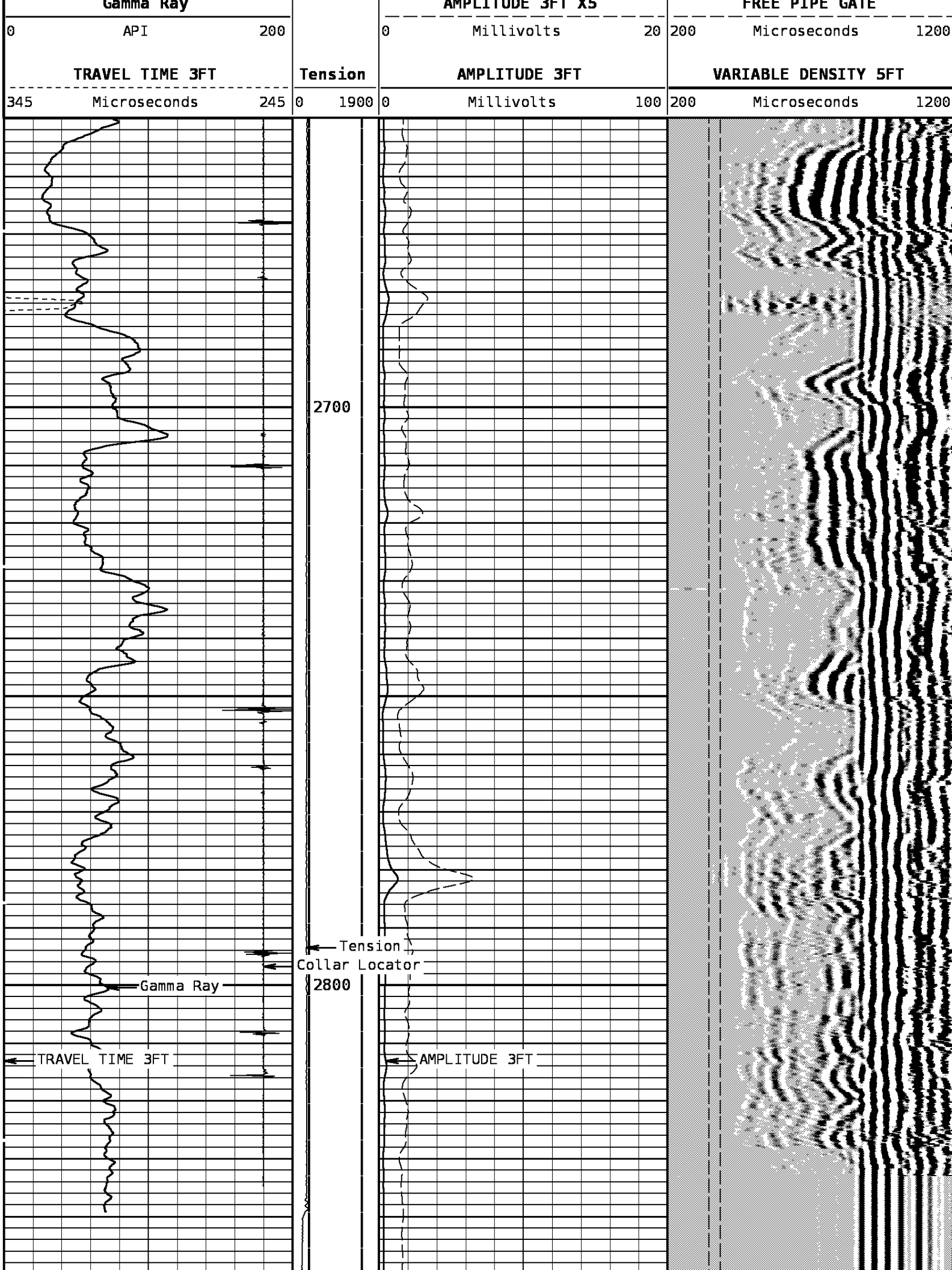


TRAVEL TIME 3FT			Tension		AMPLITUDE 3FT		VARIABLE DENSITY 5FT			
-----					-----		-----			
345	Microseconds	245	0	1900	0	Millivolts	100	200	Microseconds	1200
Gamma Ray					AMPLITUDE 3FT X5		FREE PIPE GATE			
-----					-----		-----			
0	API	200			0	Millivolts	20	200	Microseconds	1200
Collar Locator					-----		FREE PIPE GATE			
-----					-----		-----			
-3600	Millivolts	400					200	Microseconds	1200	

START DEPTH: 2854.1 DIRECTION: UP DATE: 02/05/2010 TIME: 13:51 MODE: RECOMPUTE
 RECOMPUTED DATE: 02/05/2010 TIME: 14:17

MAIN PASS			
DEPTH SCALE: 5":100'		VERSION: 80214133R"	
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
----	-----	-----	-----
CSIZ	Casing Size	7.000	Inches
CWEI	Casing Weight	23.00	Pounds/Foot
AMNS	Min Ampl 100% Bond	1	Millivolts
AMXS	Max Ampl 0% Bond	62	Millivolts
CCL0	Ccl Offset	0	
CCS	Cement Cmpr Strength	580.2	PSI
CVEL	Casing Velocity	56.5	Microsec/Foot
DTF	DT Fluid	200.0	Microsec/Foot
MATT	Maximum Attenuation	12.00	Decibels/Foot
SWAN	Sheave Wheel Angle	0.00	Degrees
TTC	TT Correction	0	Microseconds
TTFF	Fast Formation TT	38.7	Microsec/Foot

FILE HISTORY										
FILE NAME	DATE	TIME		DEPTH		DEPTH				
	START	START	STOP	START	STOP	SHIFT	TYPE	DIR	SOURCE	PASS IDENTIFIER
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MFPASS	02/05/10	13:51	13:53	2854.1	8.4	0.0	RAW	UP	CS400	MAIN PASS
.CBLMAIN	02/05/10	12:54	13:44	2854.1	8.4	0.0	RAW	UP	CS400	MAIN PASS
REMARKS										
RUN WITH 1000 SURF.PRESSURE										
DEPTH SCALE: 5":100'										
VERSION: 80214133R"										
MAIN PASS										
164683 MFPASS										
FINISH DEPTH: 8.4 Feet DIRECTION: UP DATE: 02/05/2010 TIME: 13:53 MODE: RECOMPUTE										
RECOMPUTED DATE: 02/05/2010 TIME: 14:20										
Collar Locator								FREE PIPE GATE		
-3600	Millivolts	400						200	Microseconds	1200
Casing Bond			AMPLITUDE RET X5					FREE PIPE GATE		



TRAVEL TIME 3FT			Tension		AMPLITUDE 3FT			VARIABLE DENSITY 5FT		
345	Microseconds	245	0	1900	0	Millivolts	100	200	Microseconds	1200
Gamma Ray					AMPLITUDE 3FT X5			FREE PIPE GATE		
0	API	200			0	Millivolts	20	200	Microseconds	1200
Collar Locator								FREE PIPE GATE		
-3600	Millivolts	400						200	Microseconds	1200

START DEPTH: 2854.1 DIRECTION: UP DATE: 02/05/2010 TIME: 13:51 MODE: RECOMPUTE
 RECOMPUTED DATE: 02/05/2010 TIME: 14:20

164683 MFPASS

MAIN PASS

DEPTH SCALE: 5":100'

VERSION: 80214133R"

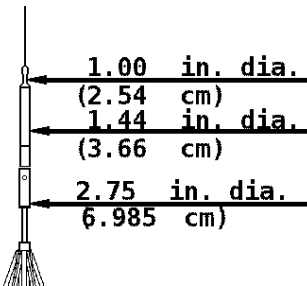
SYSTEM CONSTANTS

NAME	DESCRIPTION	VALUE	UNITS
----	-----	-----	-----
CSIZ	Casing Size	7.000	Inches
CWEI	Casing Weight	23.00	Pounds/Foot
AMNS	Min Ampl 100% Bond	1	Millivolts
AMXS	Max Ampl 0% Bond	62	Millivolts
CCL0	Ccl Offset	0	
CCS	Cement Cmpr Strength	580.2	PSI
CVEL	Casing Velocity	56.5	Microsec/Foot
DTF	DT Fluid	200.0	Microsec/Foot
MATT	Maximum Attenuation	12.00	Decibels/Foot
SWAN	Sheave Wheel Angle	0.00	Degrees
TTC	TT Correction	0	Microseconds
TTFF	Fast Formation TT	38.7	Microsec/Foot

1 7/16 Adapter Head

Weight 2.2 LB.
 Length 2.54
 Max. Diameter 1.44 IN.

Total Stack Weight 223.0 LBS. in air
 Total Stack Length 27.83 FT.



Roller Centralizer

Weight 15 LBS
Length 2.49 FT.
Max. Diameter 2.75"

Collar Locator

Weight 39.8 LBS.
Length 3.40 FT.
Max. Diameter 2.75 IN.

Slim Hole Gamma Ray

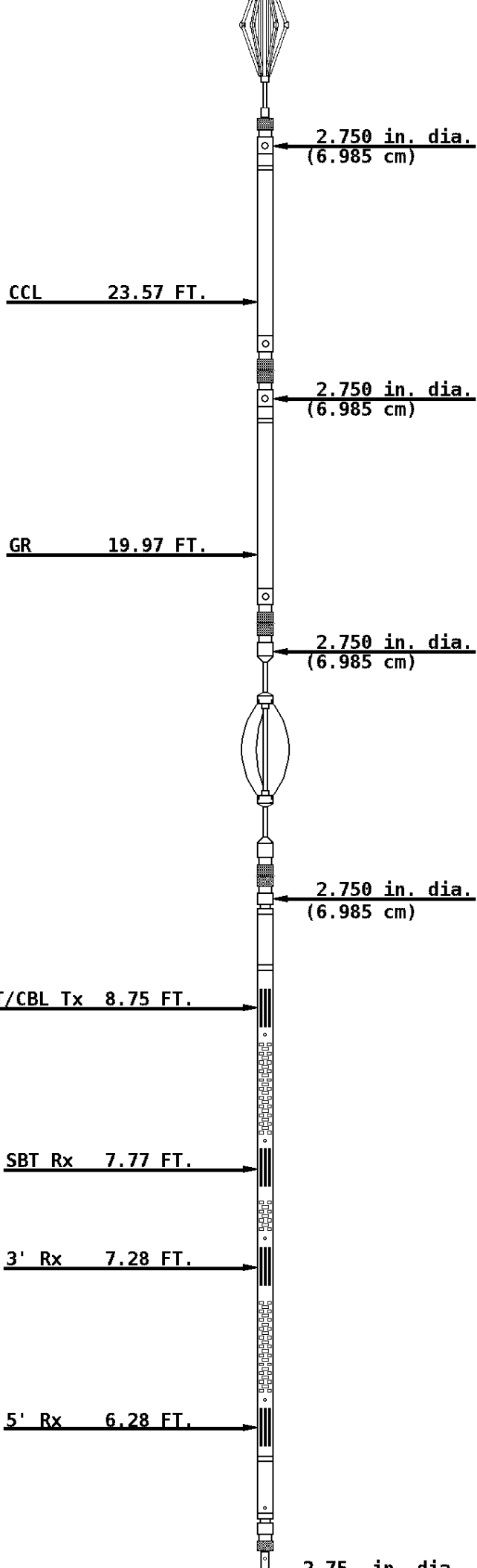
Weight 39.8 LBS.
Length 4.71 FT
Max. Diameter 2.750 IN.

Slim Hole Centralizer

Weight 22 LBS.
Length 3.08 FT.
Max. Diameter 2.750 IN.

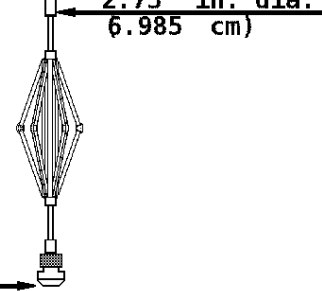
Sector Bond

Weight 89.2 LBS>
Length 10.32 FT.
Max. Diameter 2.750 IN.



Roller Centralizer

Weight 15 LBS
Length 2.49 FT.
Max. Diameter 2.75"



COMPANY PETROX RESOURCES INC.

WELL WRIGHT 33-5 #21-1

FIELD IGNACIO BLANCO

COUNTY ARCHULETA STATE COLORADO



Weatherford®