

Company XTO Energy Inc.		Company XTO Energy Inc.	
Well Apache Canyon 24-04		Well Apache Canyon 24-04	
Field Purgatoire River		Field Purgatoire River	
County Las Animas		County Las Animas	
State Colorado		State Colorado	
Location:		API # : 05 071 08687 00	
SEC 24 TWP 34S RGE 68W		756' FNL & 773' FWL	
Permanent Datum		Ground Level	Elevation 8004'
Log Measured From		Ground Level	
Drilling Measured From		Ground Level	
Date 02-17-06		Other Services	
Run Number Two		dill	
Depth Driller		Elevation	
Depth Logger		K.B. -----	
Bottom Logged Interval		D.F. -----	
Top Log Interval		G.L. 8004'	
Casing Driller		Surface Casing	
Casing Logger		8 5/8" @ 228'	
Bit Size		228'	
Type Fluid in Hole		7 7/8"	
Density / Viscosity		Water	
pH / Fluid Loss		///	
Source of Sample		///	
Rm @ Meas. Temp		///	
Rmf @ Meas. Temp		///	
Rmc @ Meas. Temp		///	
Source of Rmf / Rmc		///	
Rm @ BHT		///	
Time Circulation Stopped		7:30 a.m.	
Time Logger on Bottom		10:30 a.m.	
Maximum Recorded Temperature		100	
Equipment Number		T677	
Location		Trinidad	
Recorded By		L. Smith	
Witnessed By		Mr. Don Johnson	

>>> 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

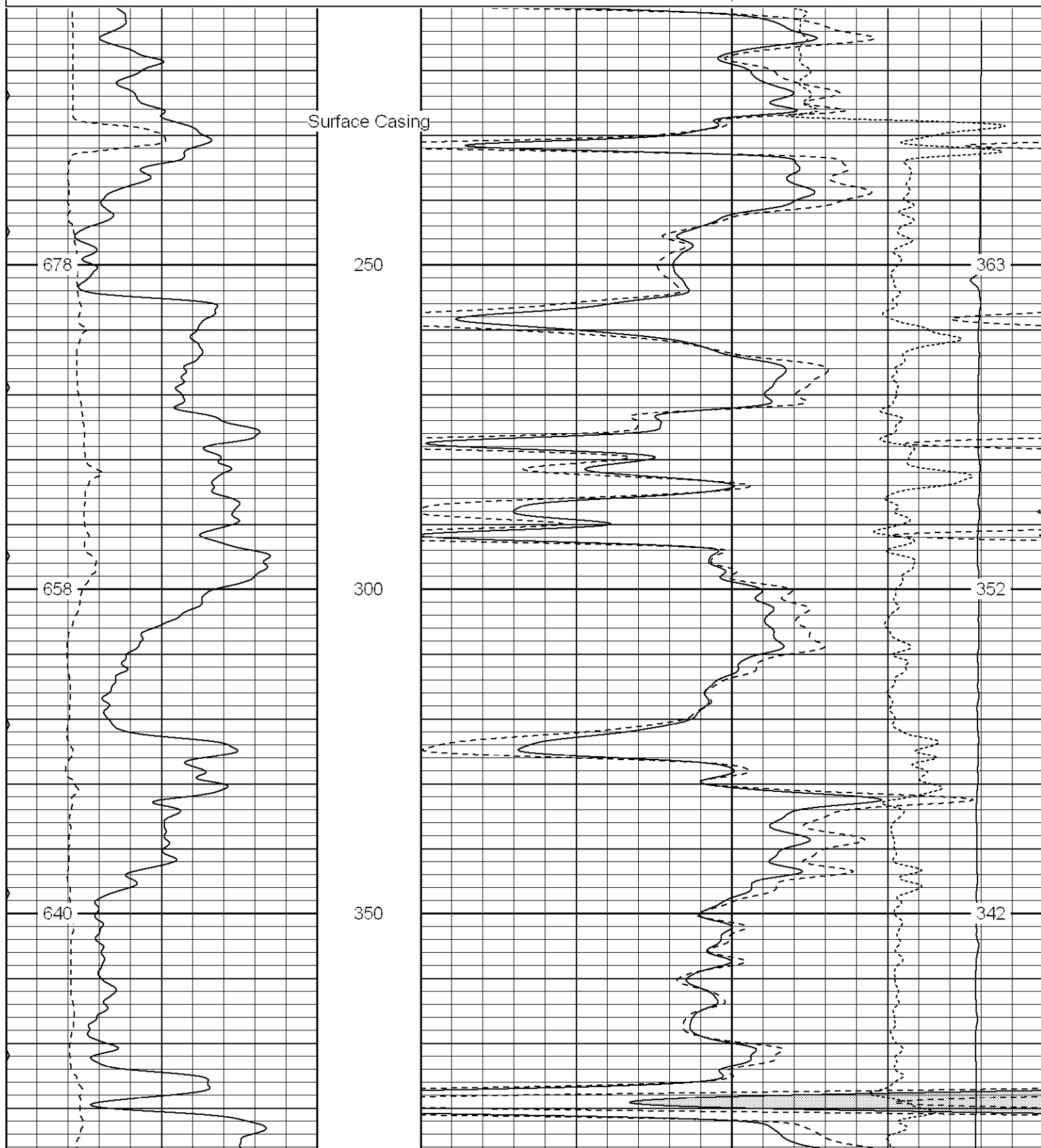
Compensated Density Neutron Porosity Presented On Sandstone Matrix.
ABHV Calculated For 5 1/2" Casing.

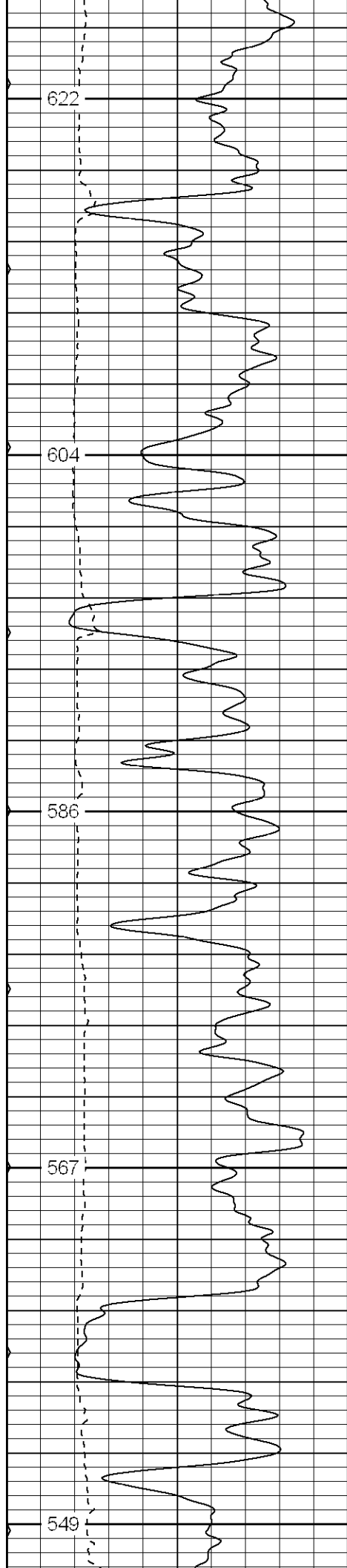
Up Big Bingham to Y stay left thru gate, stay on main rd 3.4 miles to Y, stay right to location,
left fork goes down a hill.

Database File: xtoac2404.db
 Dataset Pathname: pass2.2
 Presentation Format: cdl
 Dataset Creation: Fri Feb 17 12:19:28 2006 by Calc Warrior 7.0 STD Ope
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80

2	RHOB (g/cc)	3
1	RHOB (g/cc)	2
30	DPOR (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0





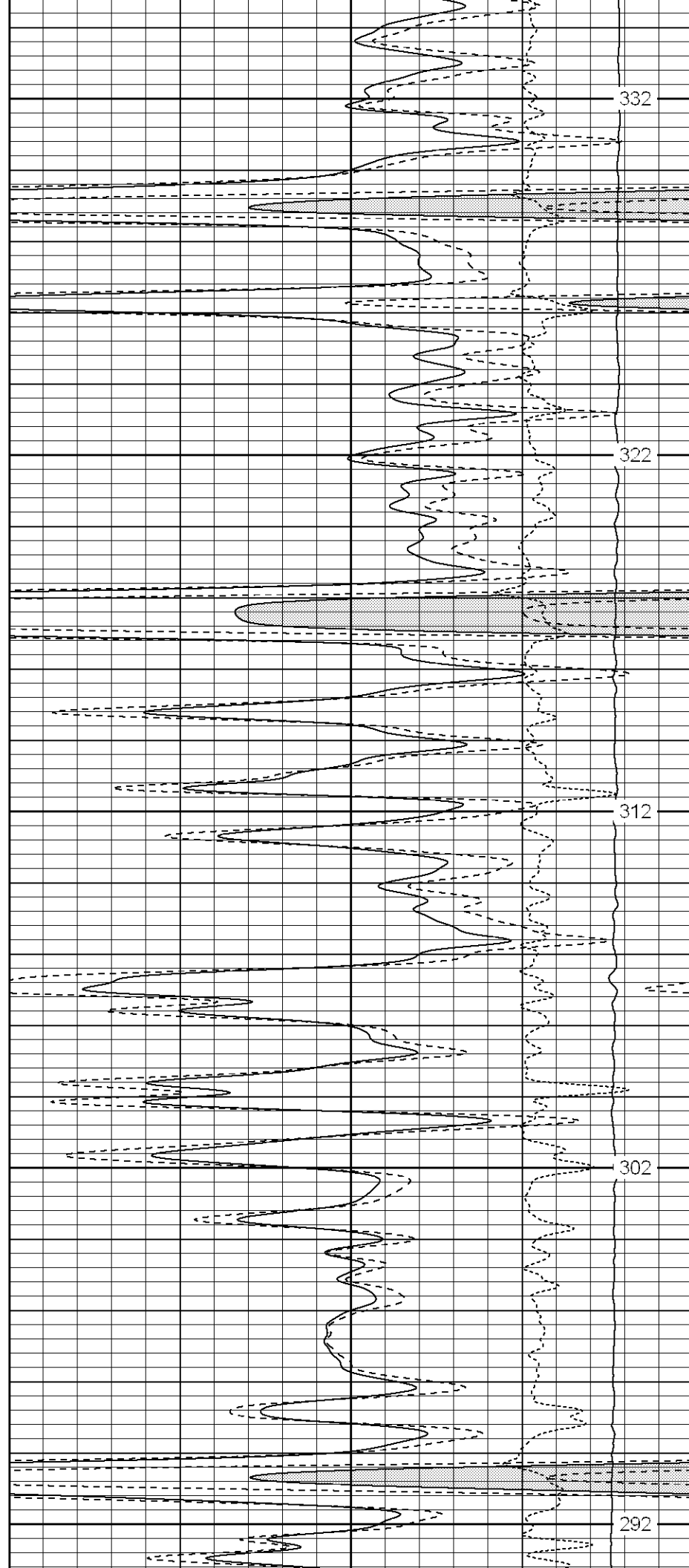
400

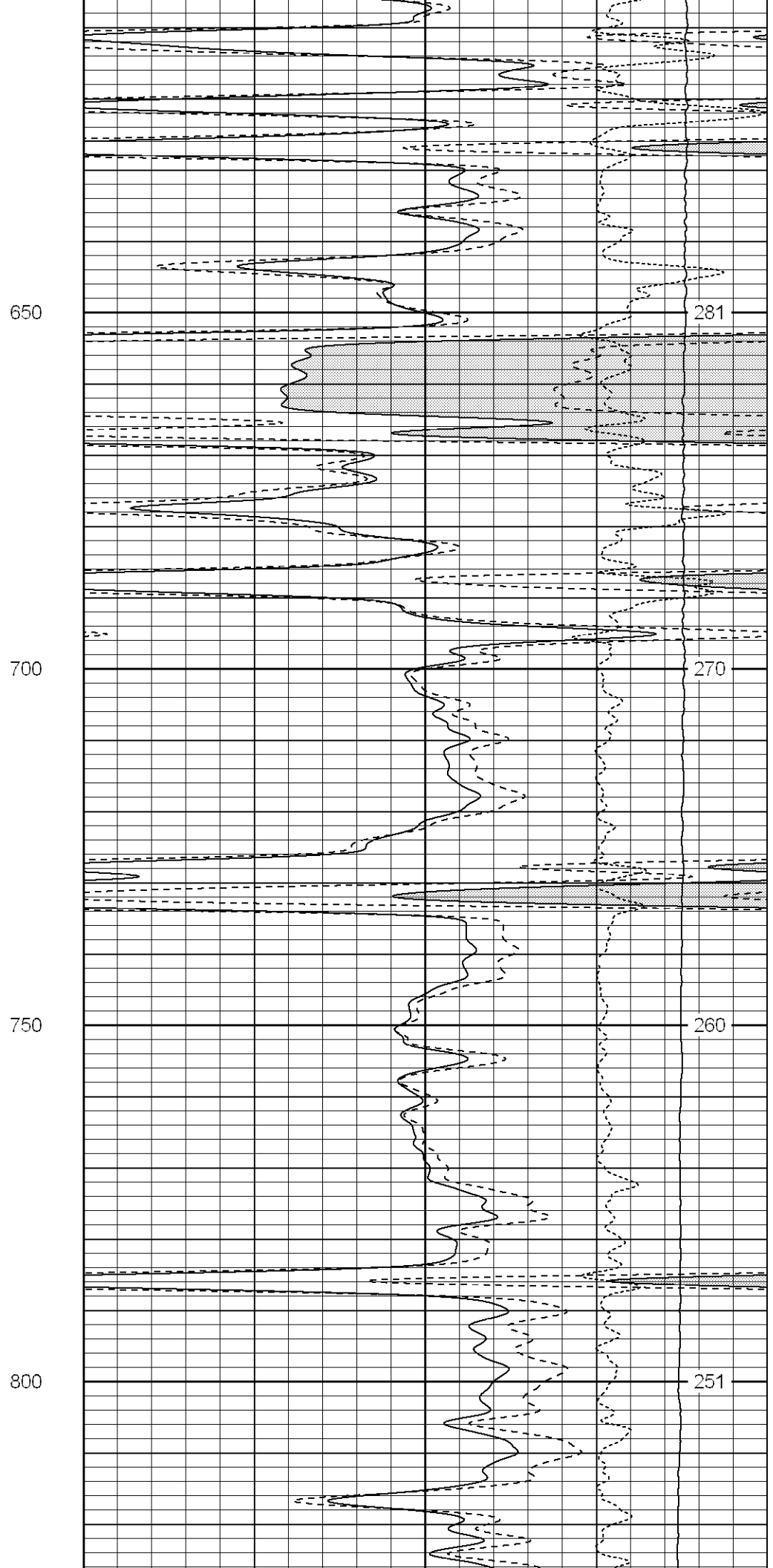
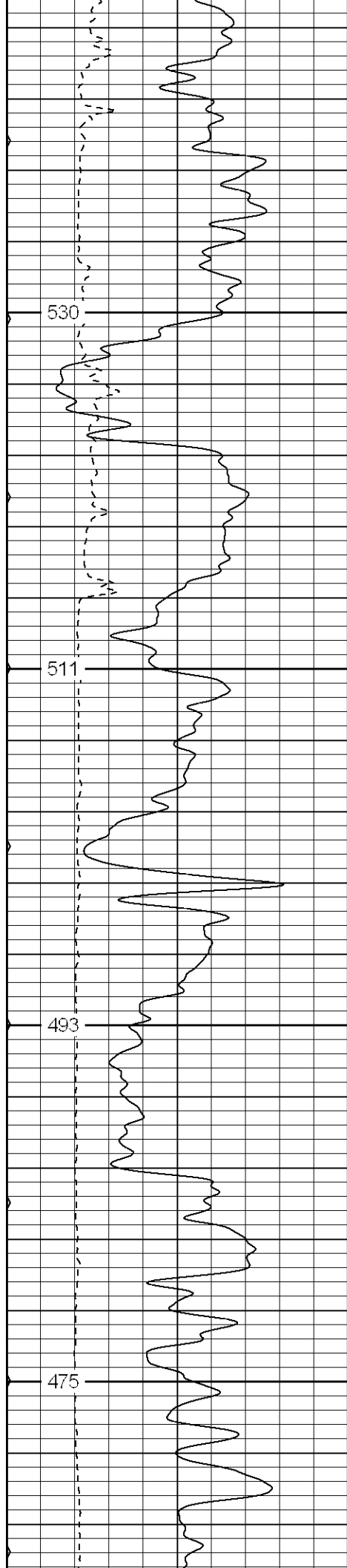
450

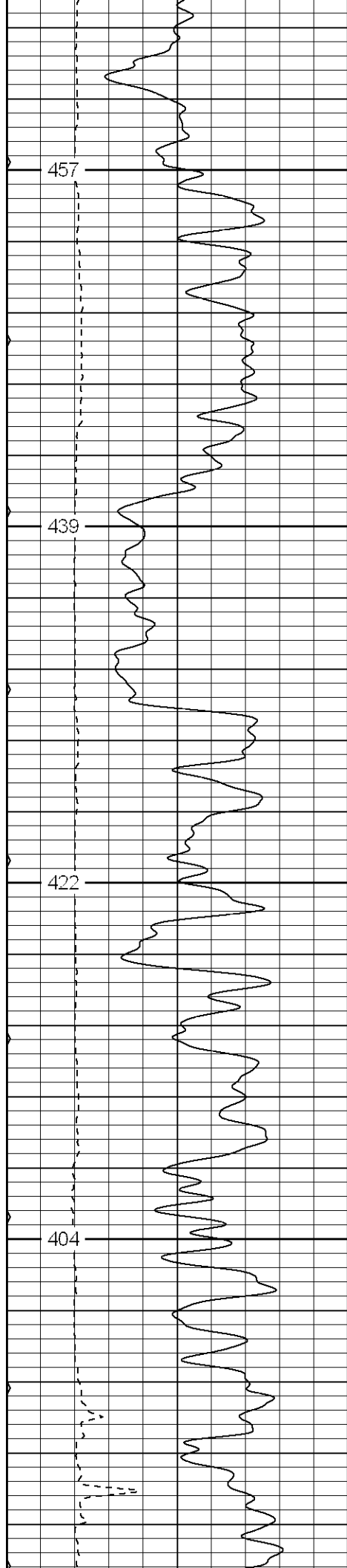
500

550

600





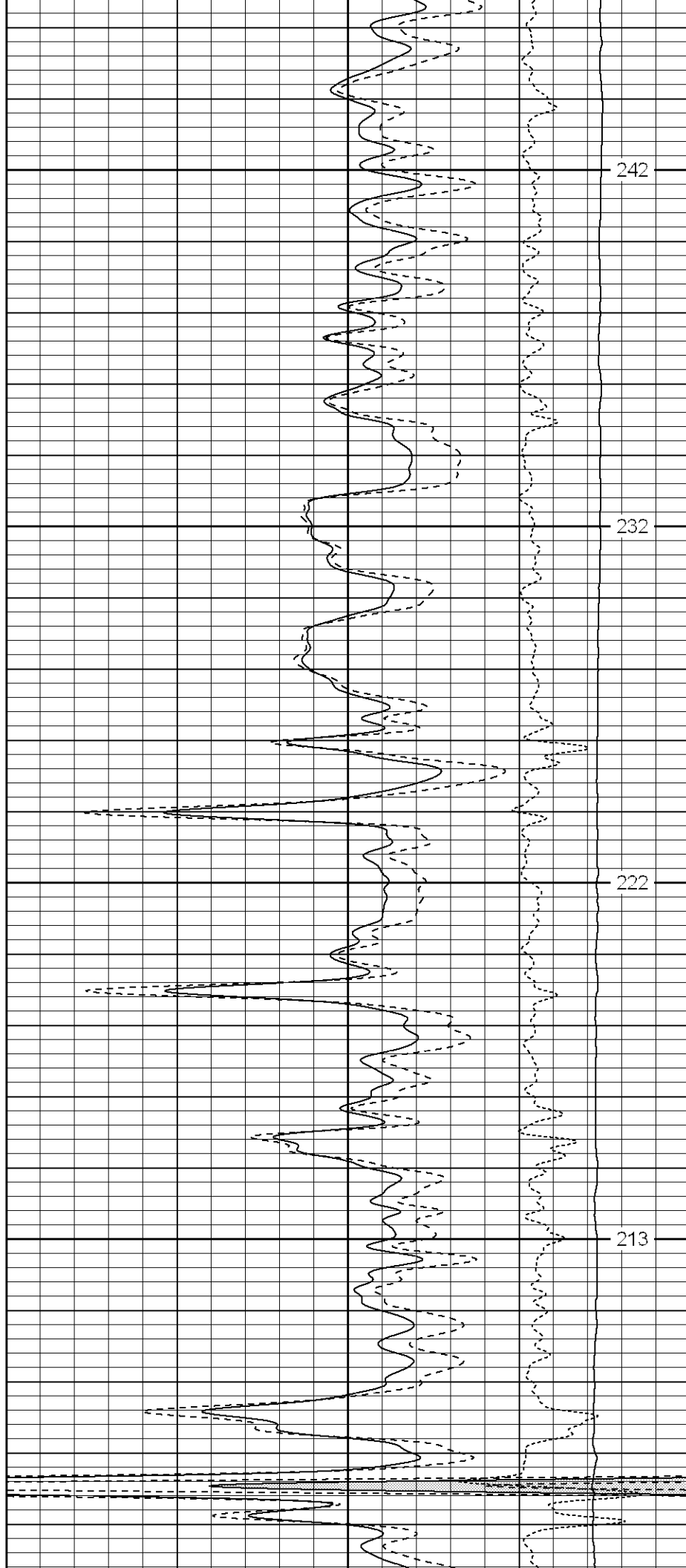


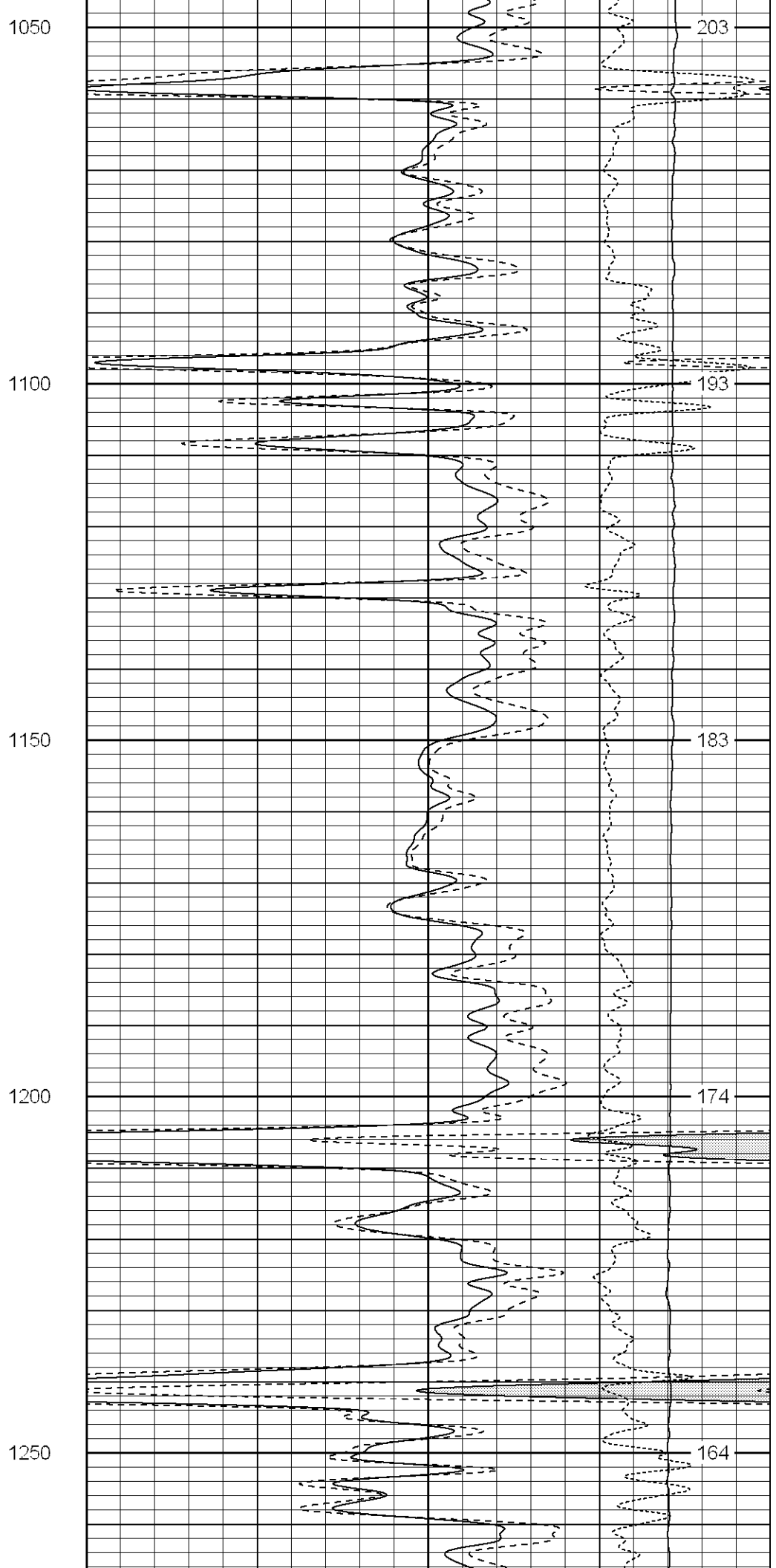
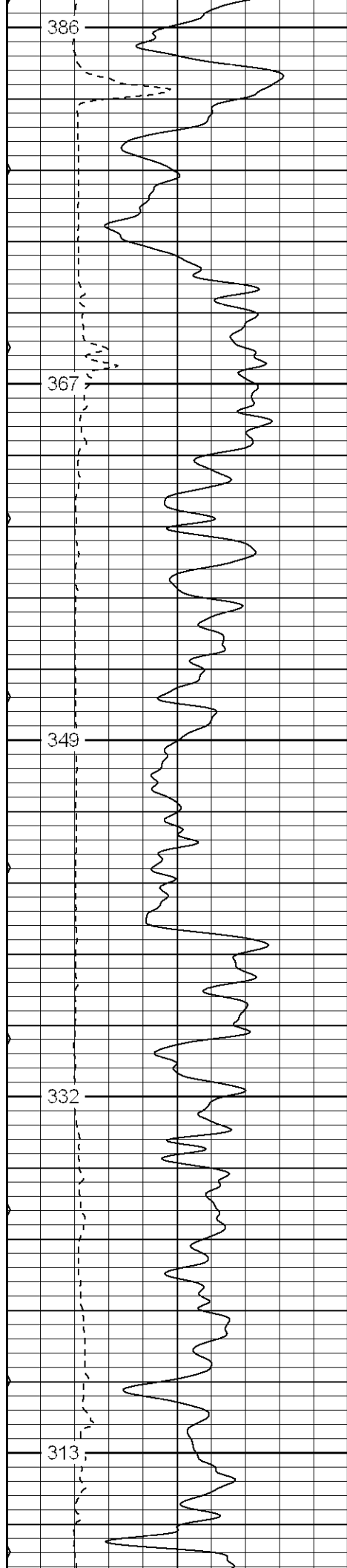
850

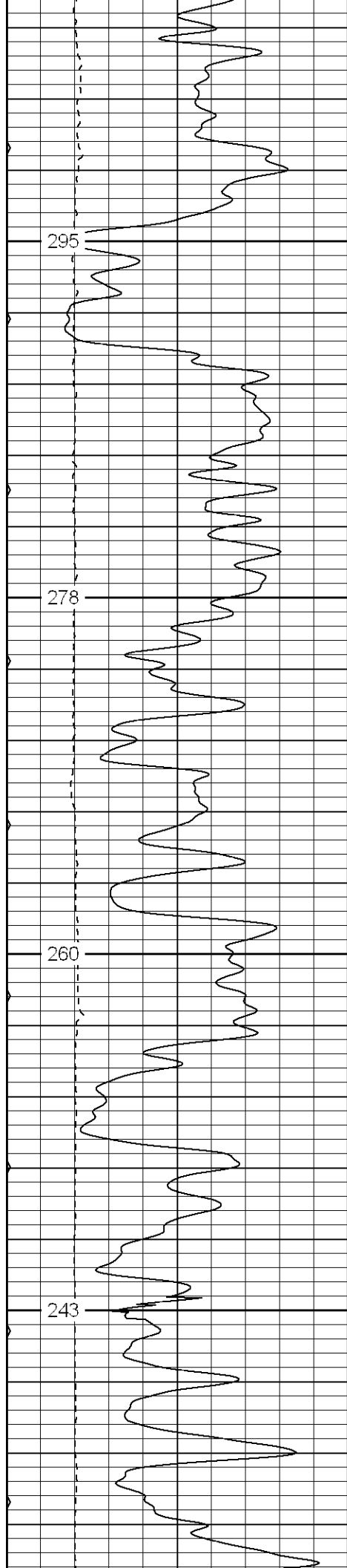
900

950

1000





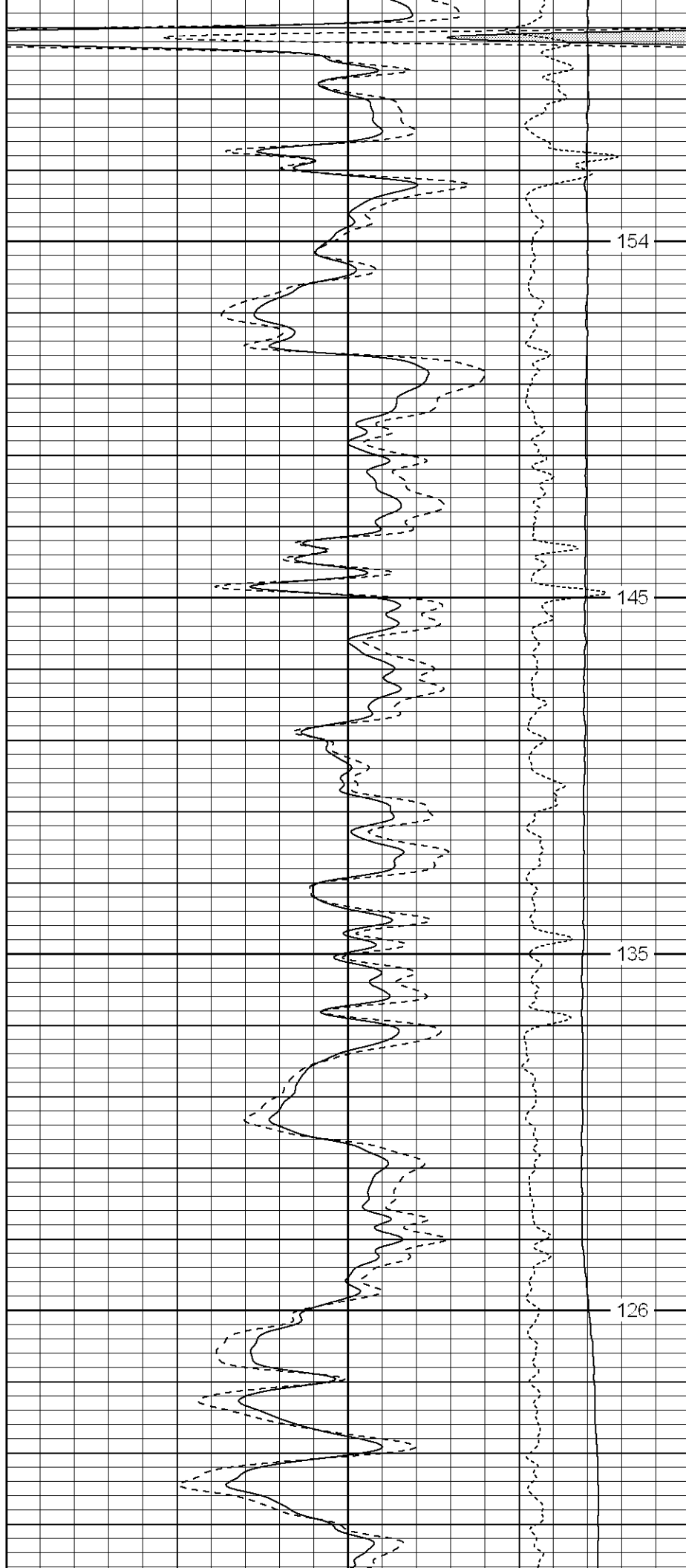


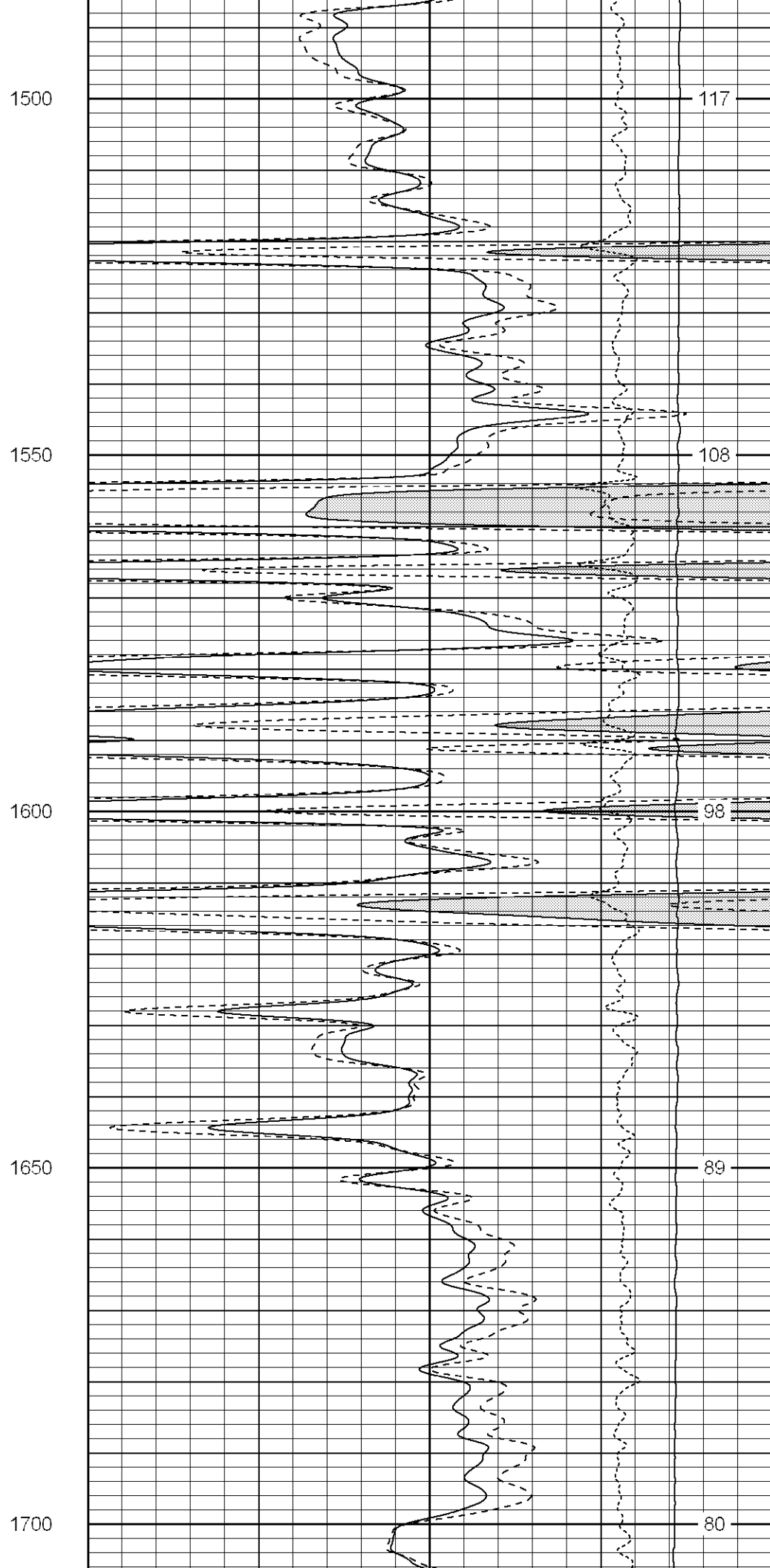
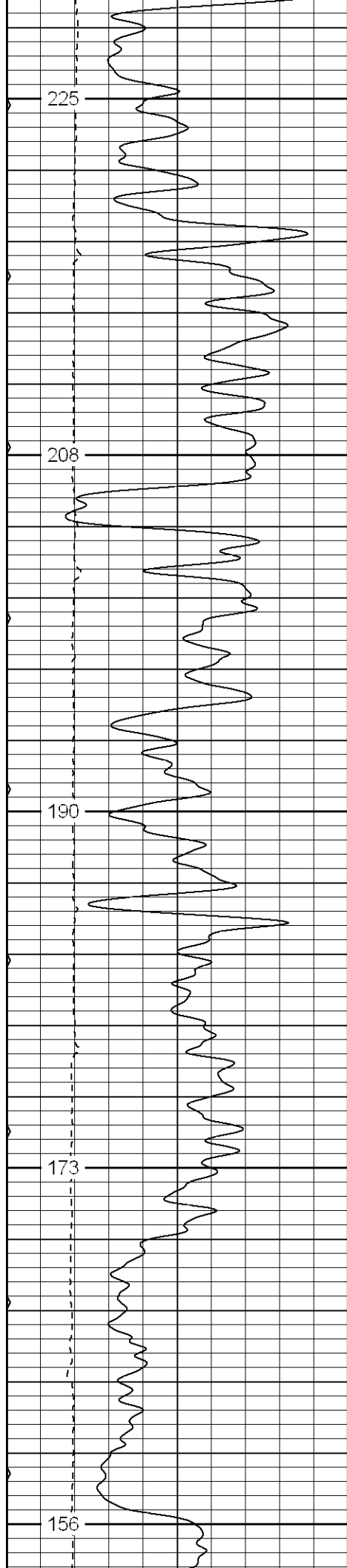
1300

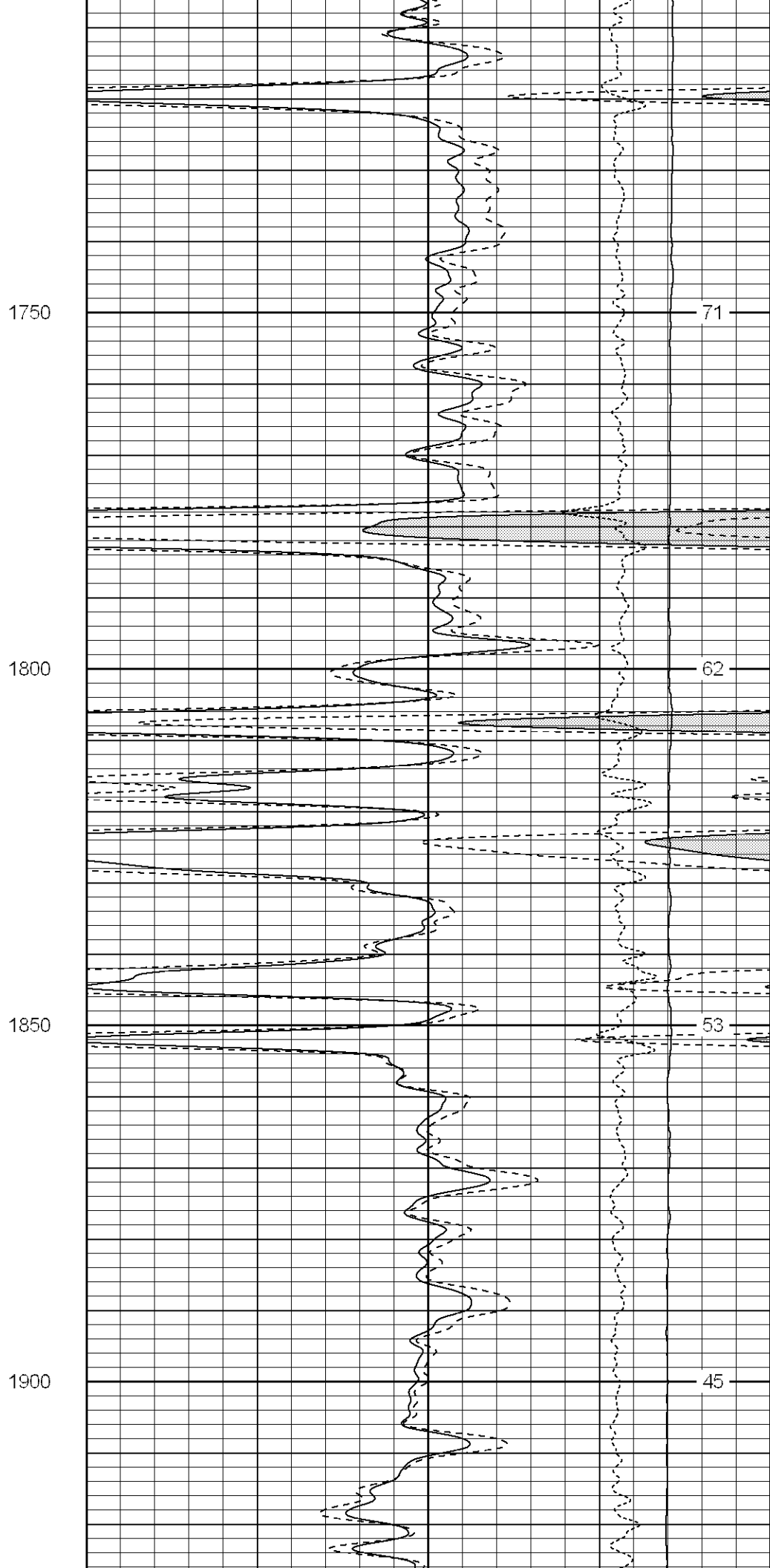
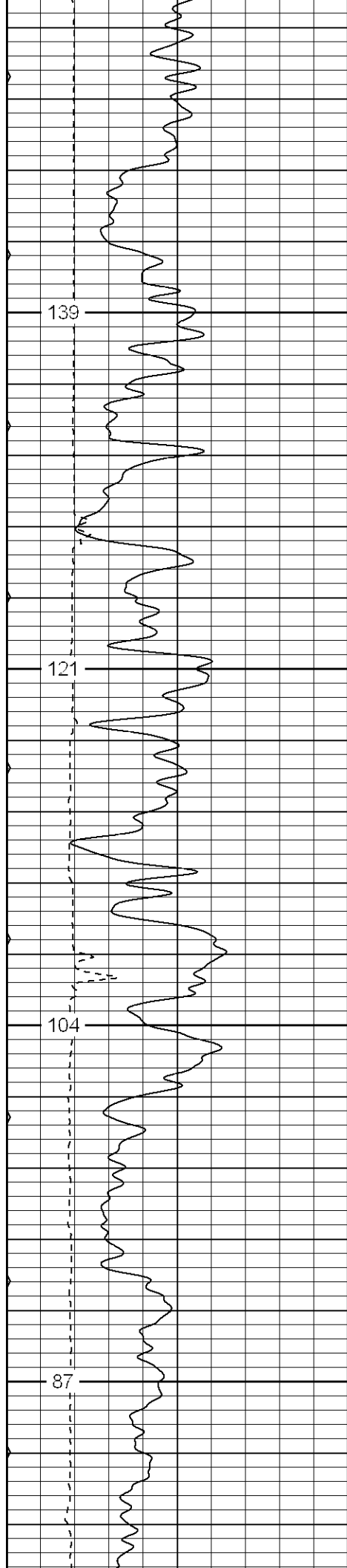
1350

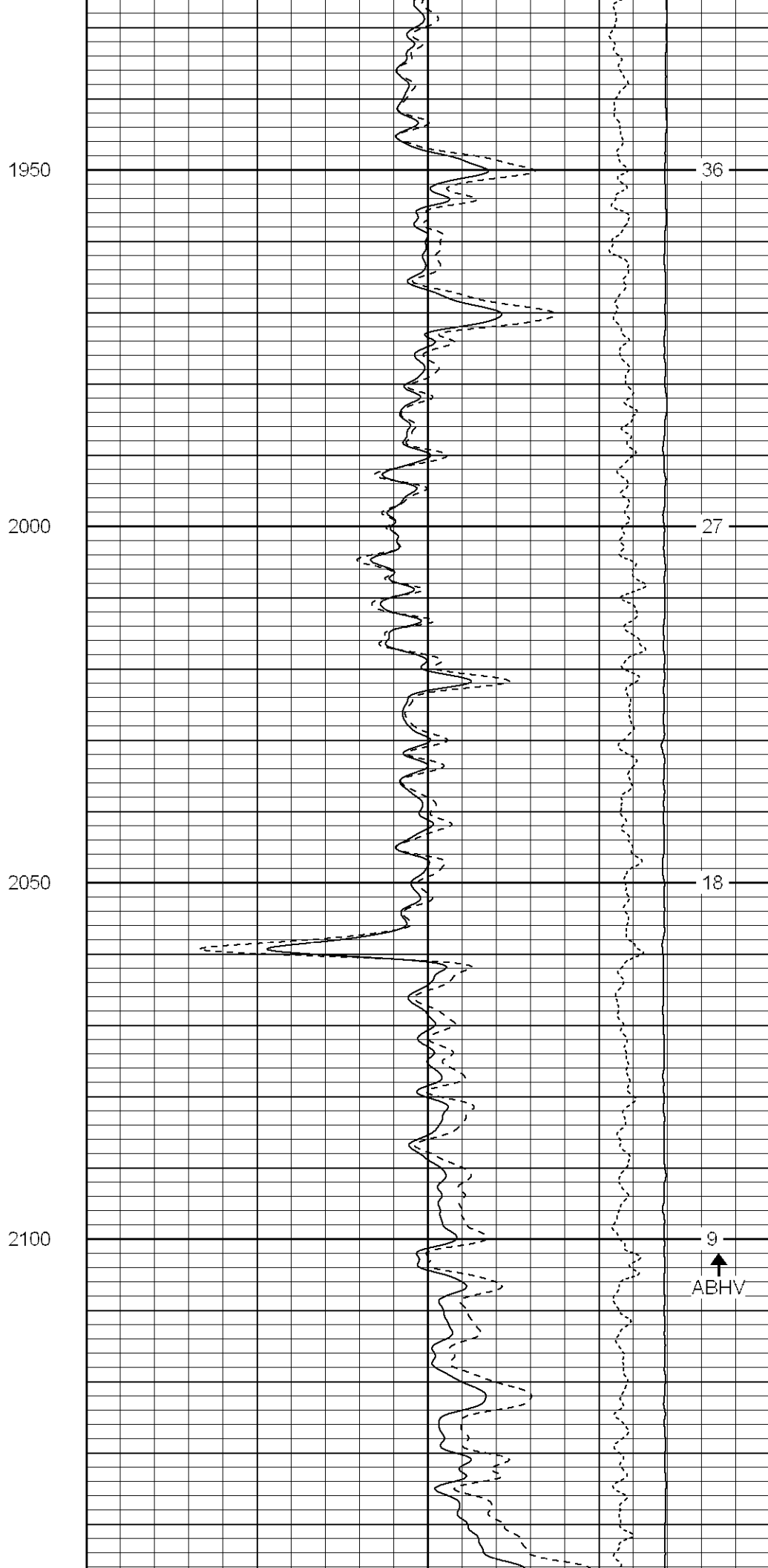
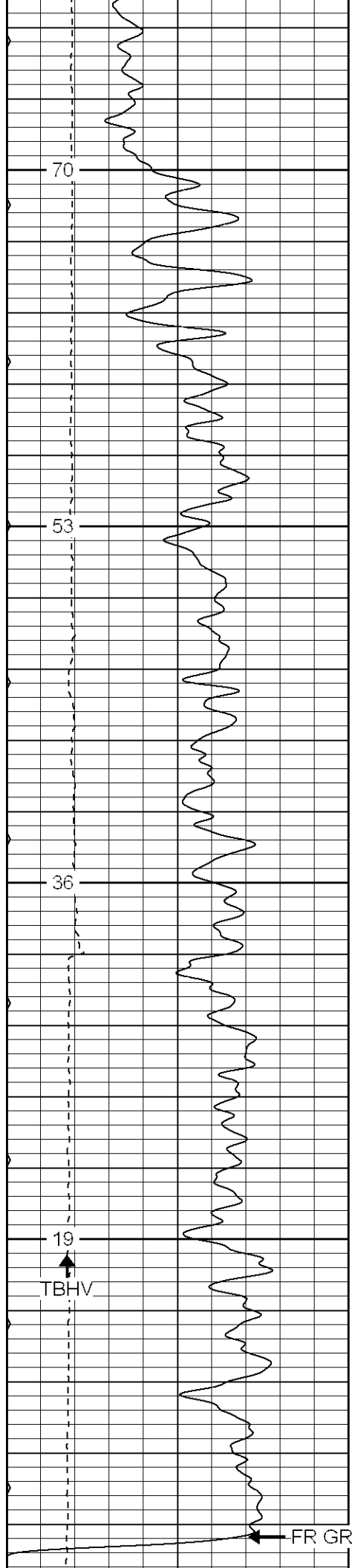
1400

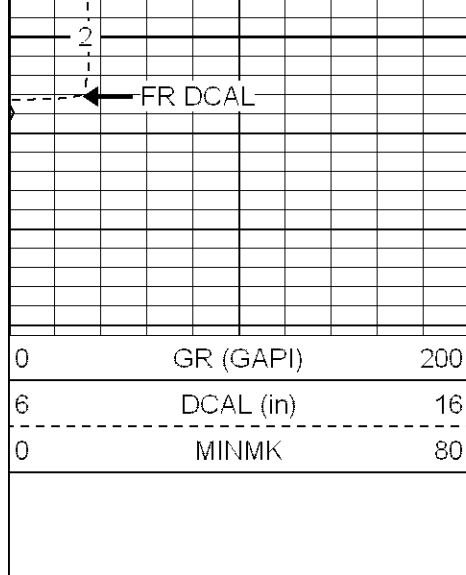
1450



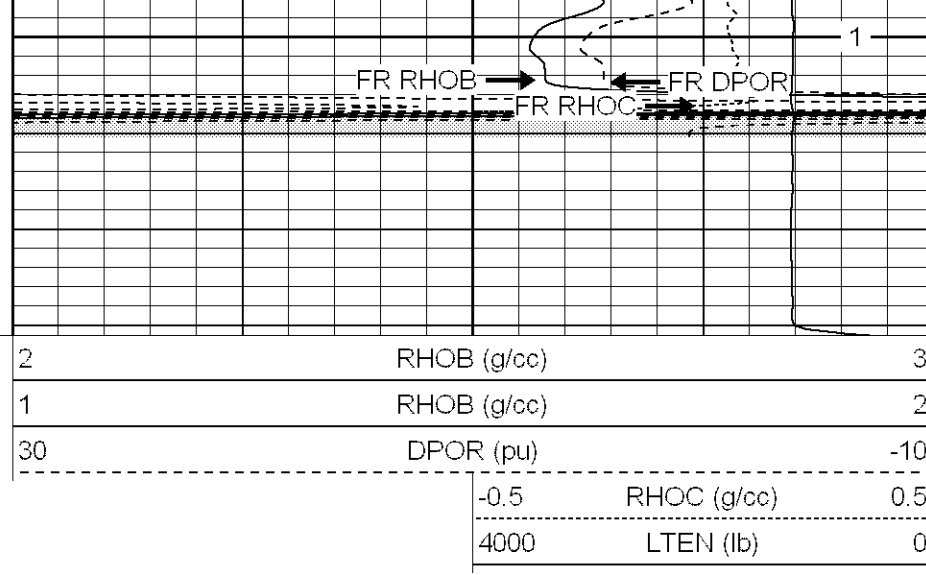








2150



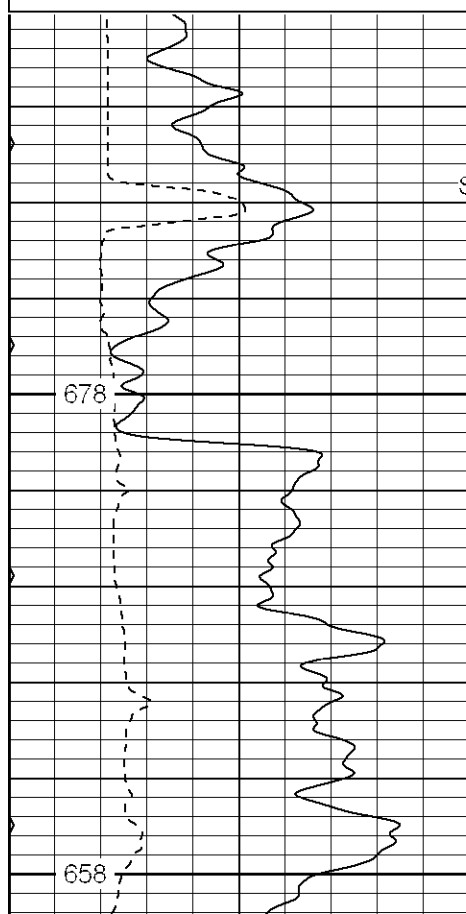
Patterson

Main Pass

Database File: xtoac2404.db
 Dataset Pathname: pass2.2
 Presentation Format: cdnl
 Dataset Creation: Fri Feb 17 12:19:28 2006 by Calc Warrior 7.0 STD Ope
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80

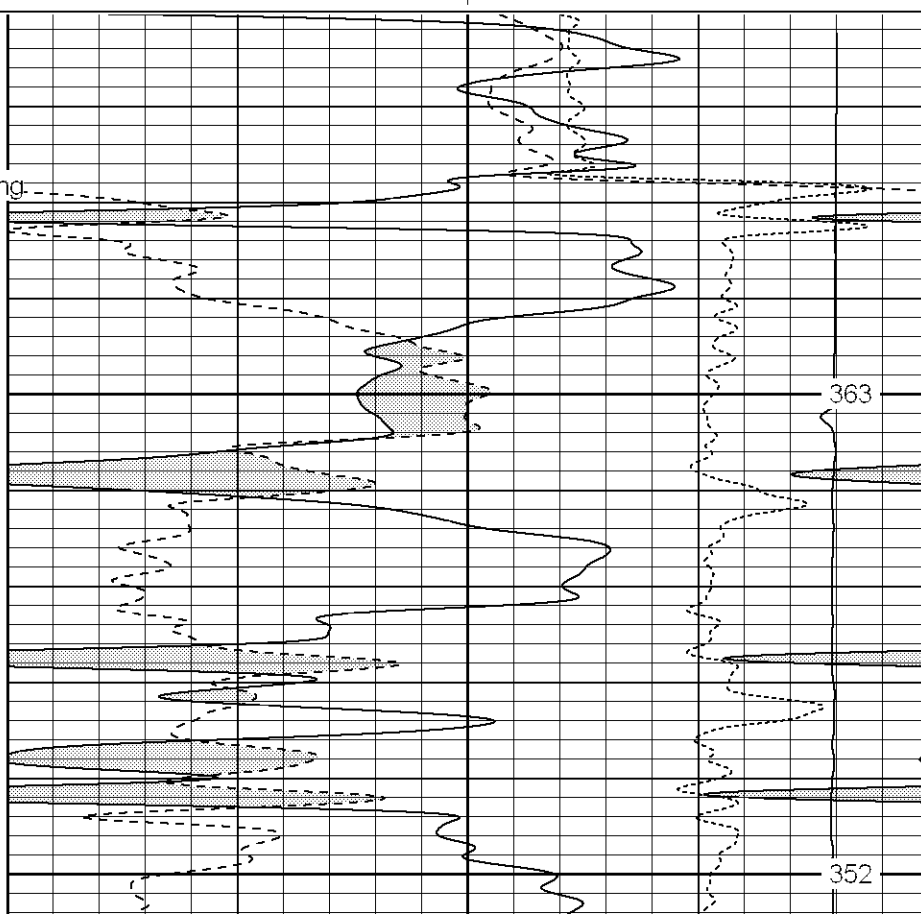
30	NPOR (pu)	-10
30	DPOR (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0



Surface Casing

250

300

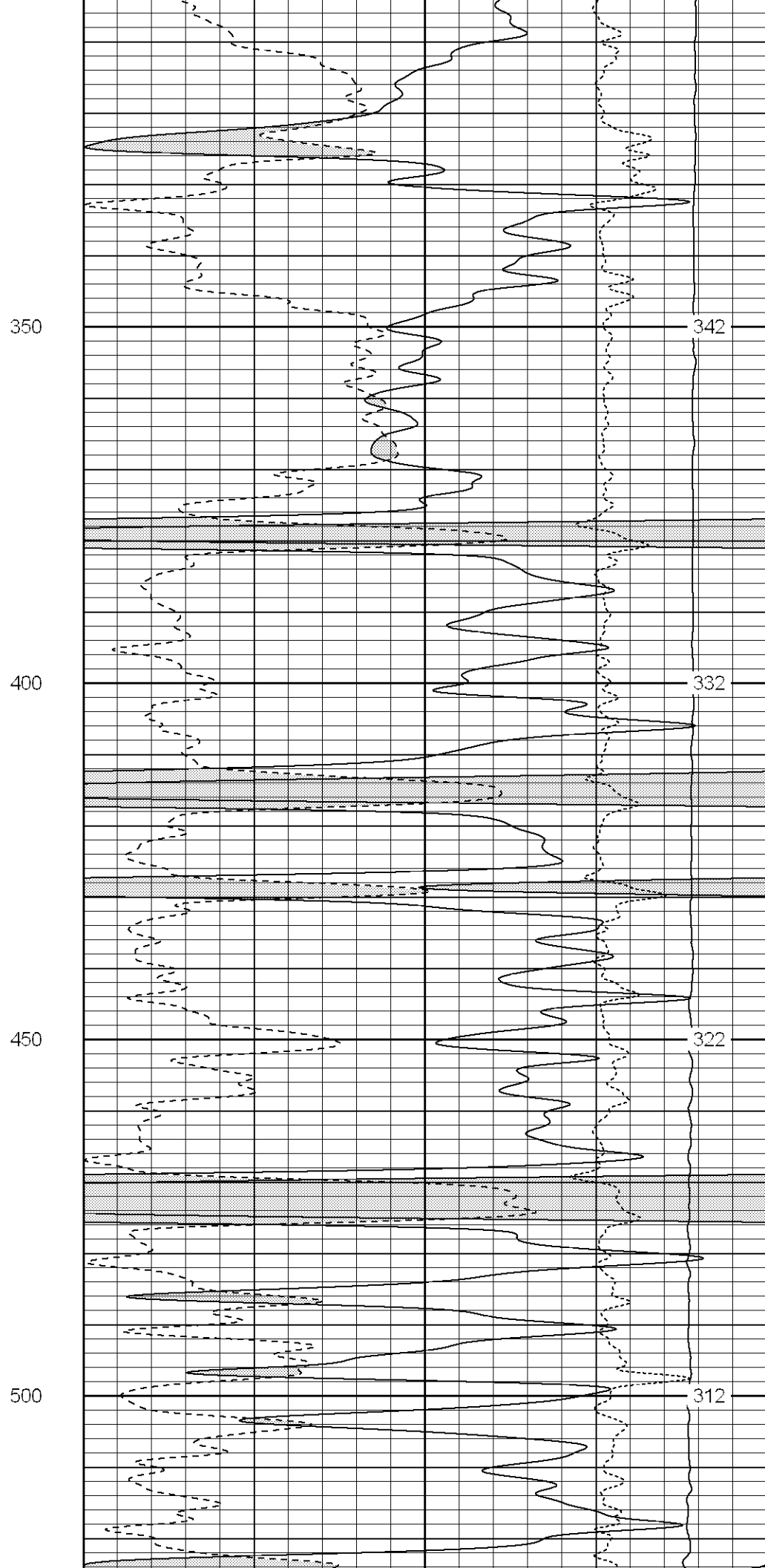
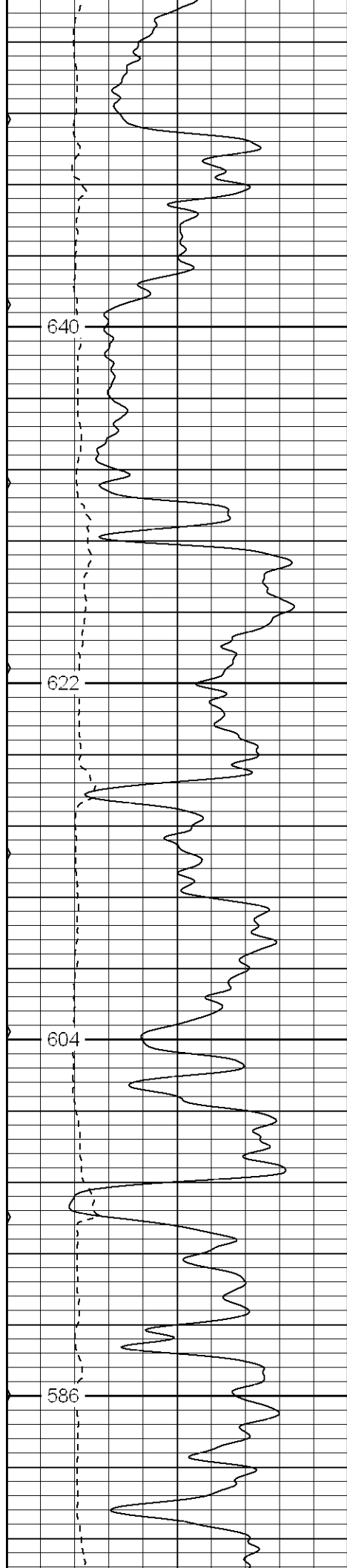


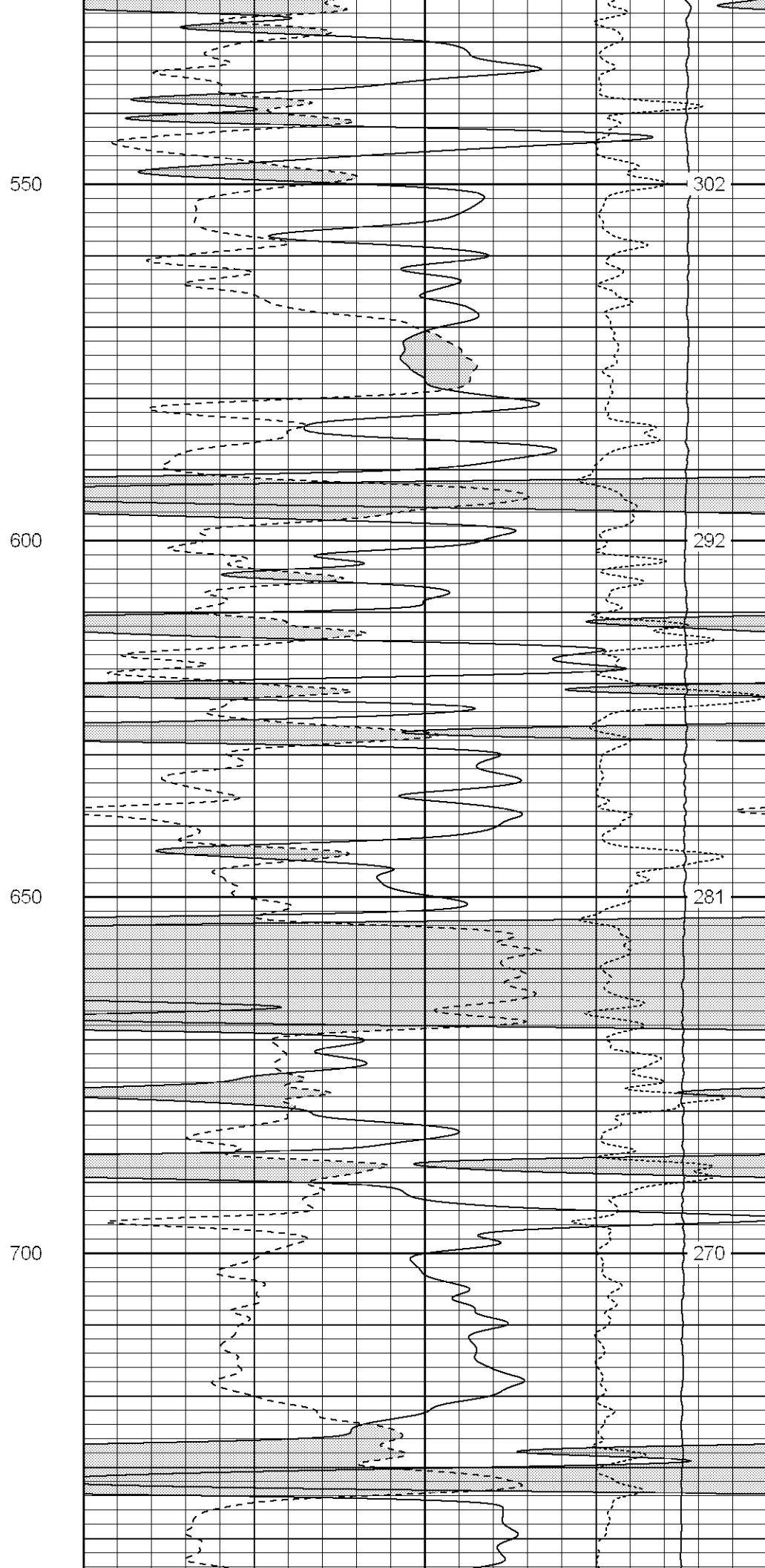
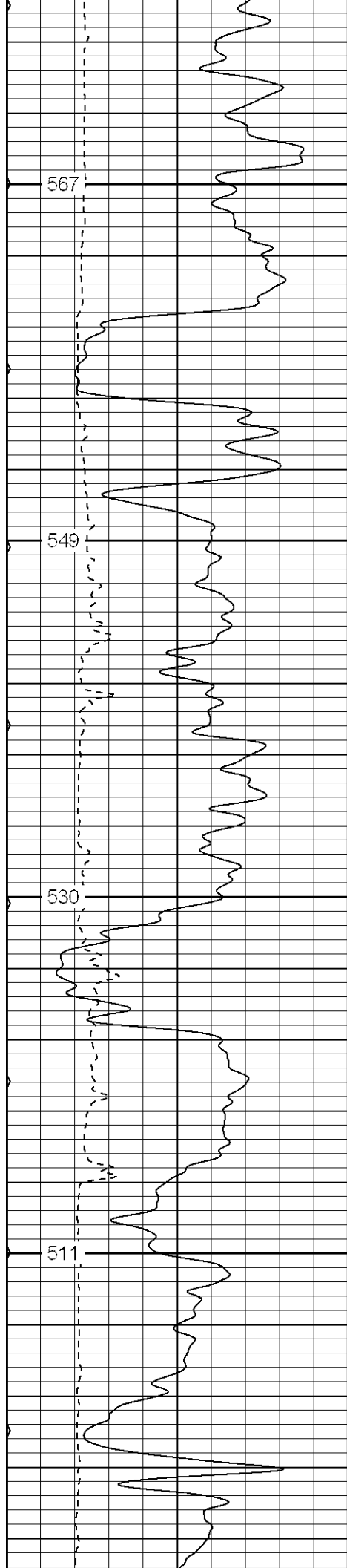
678

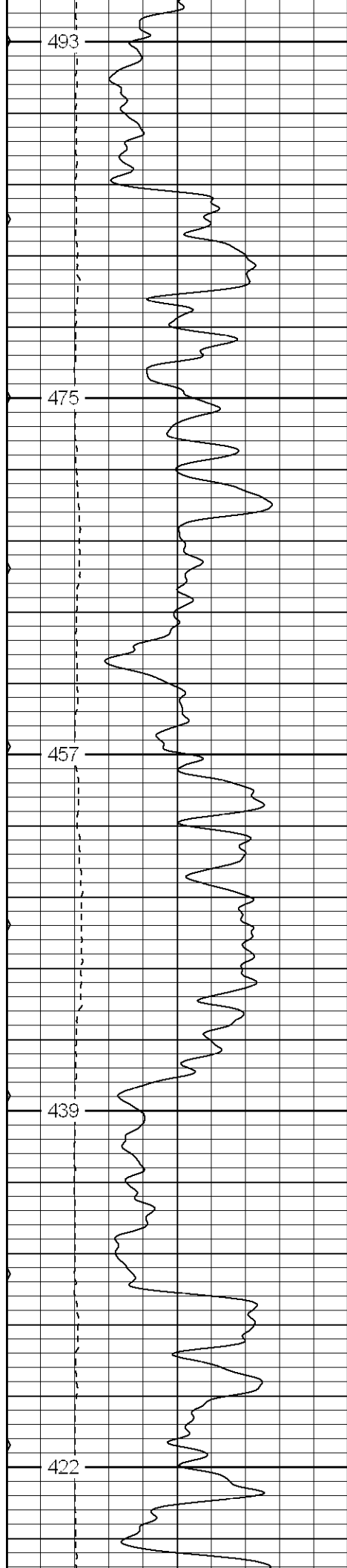
658

363

352







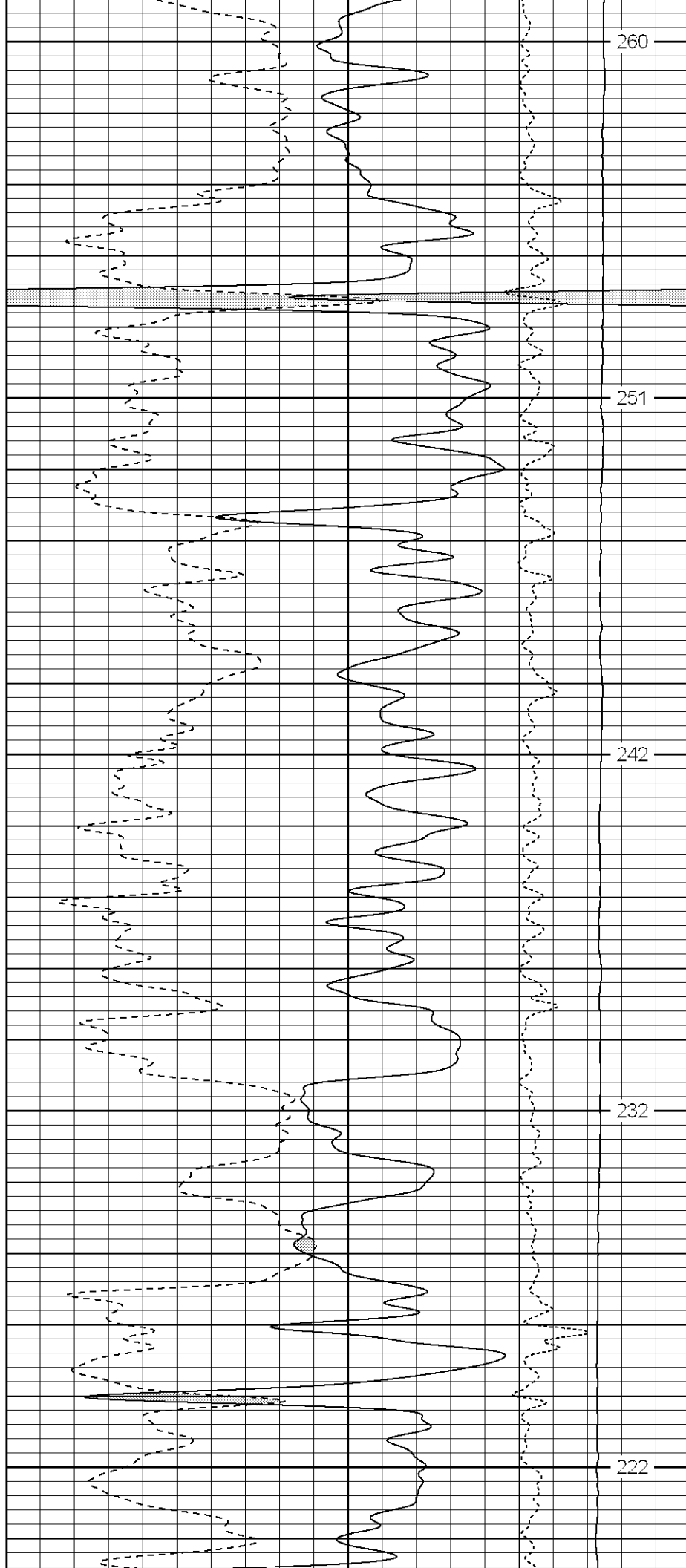
750

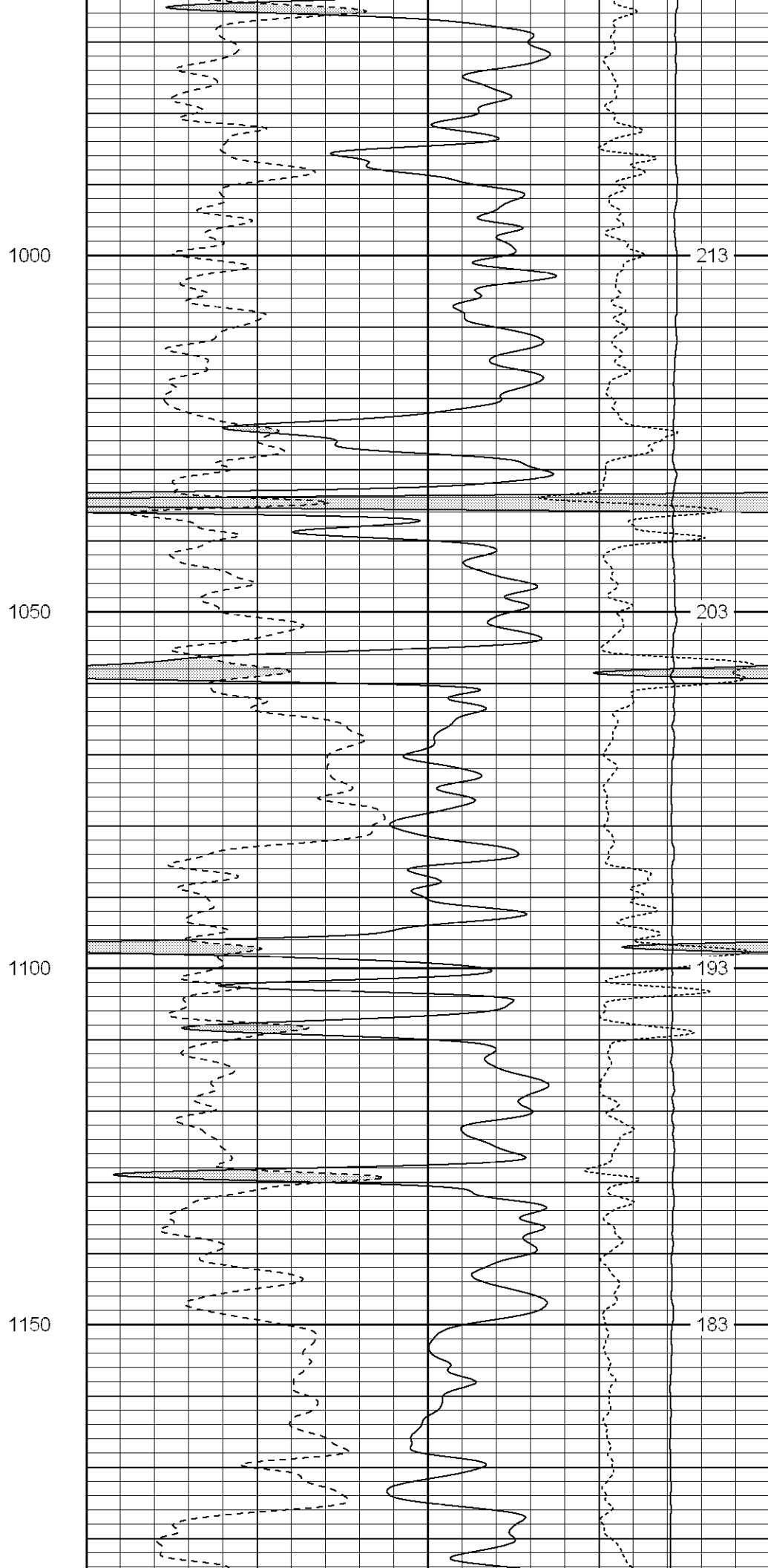
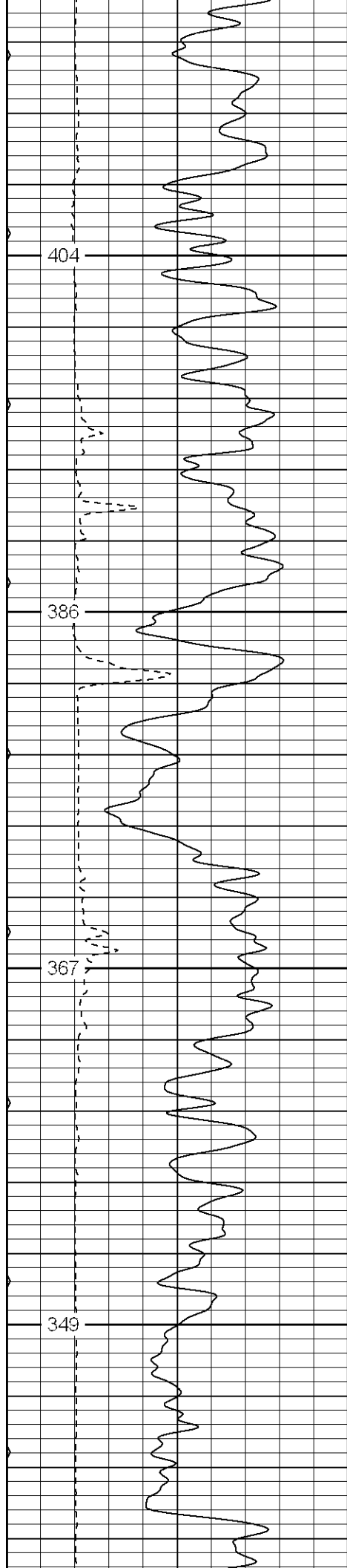
800

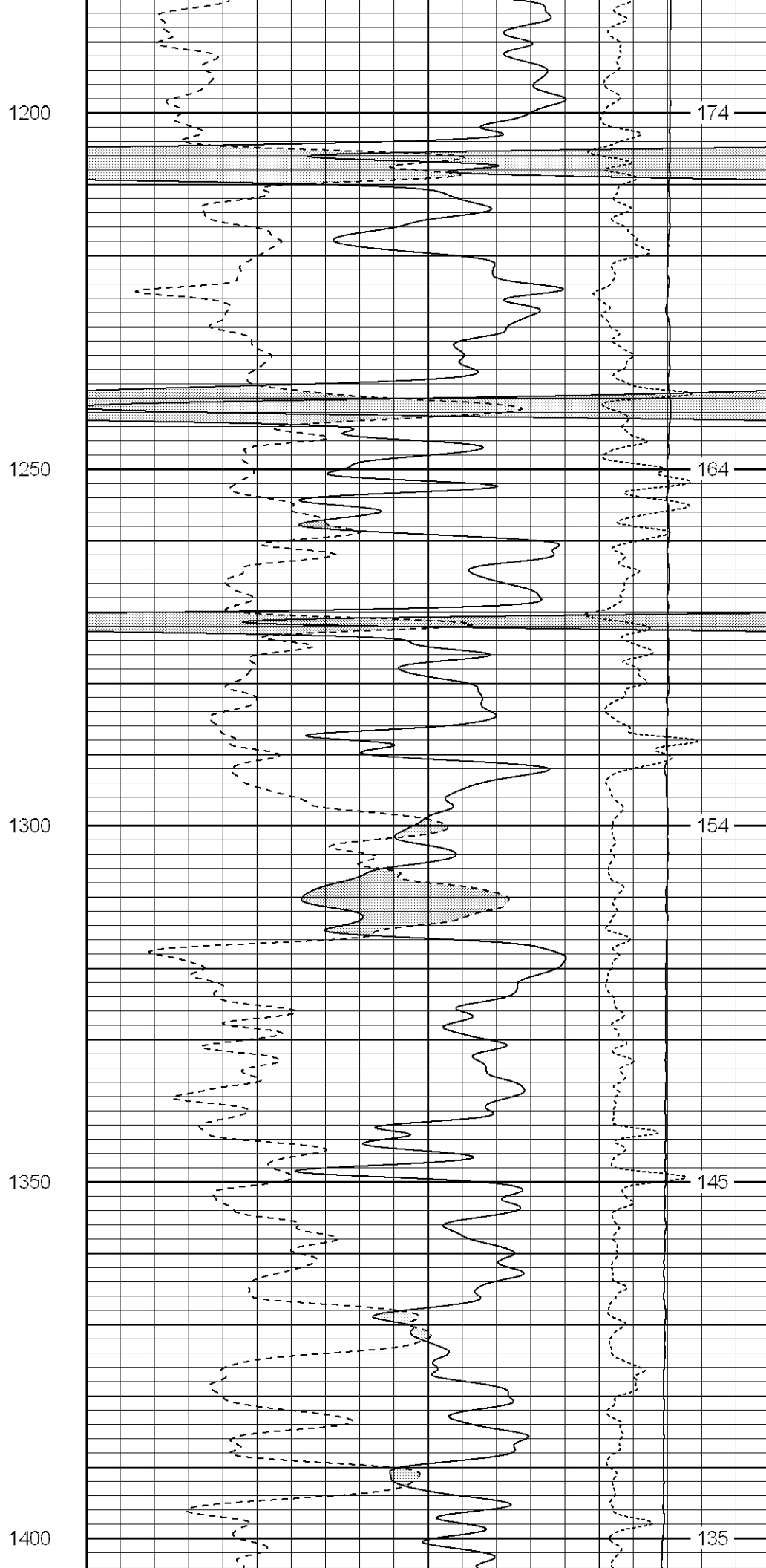
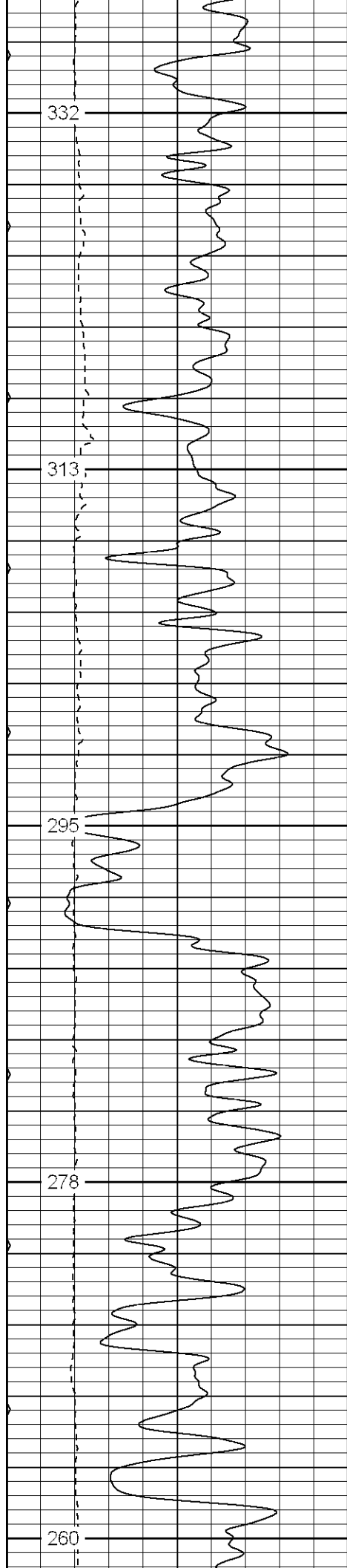
850

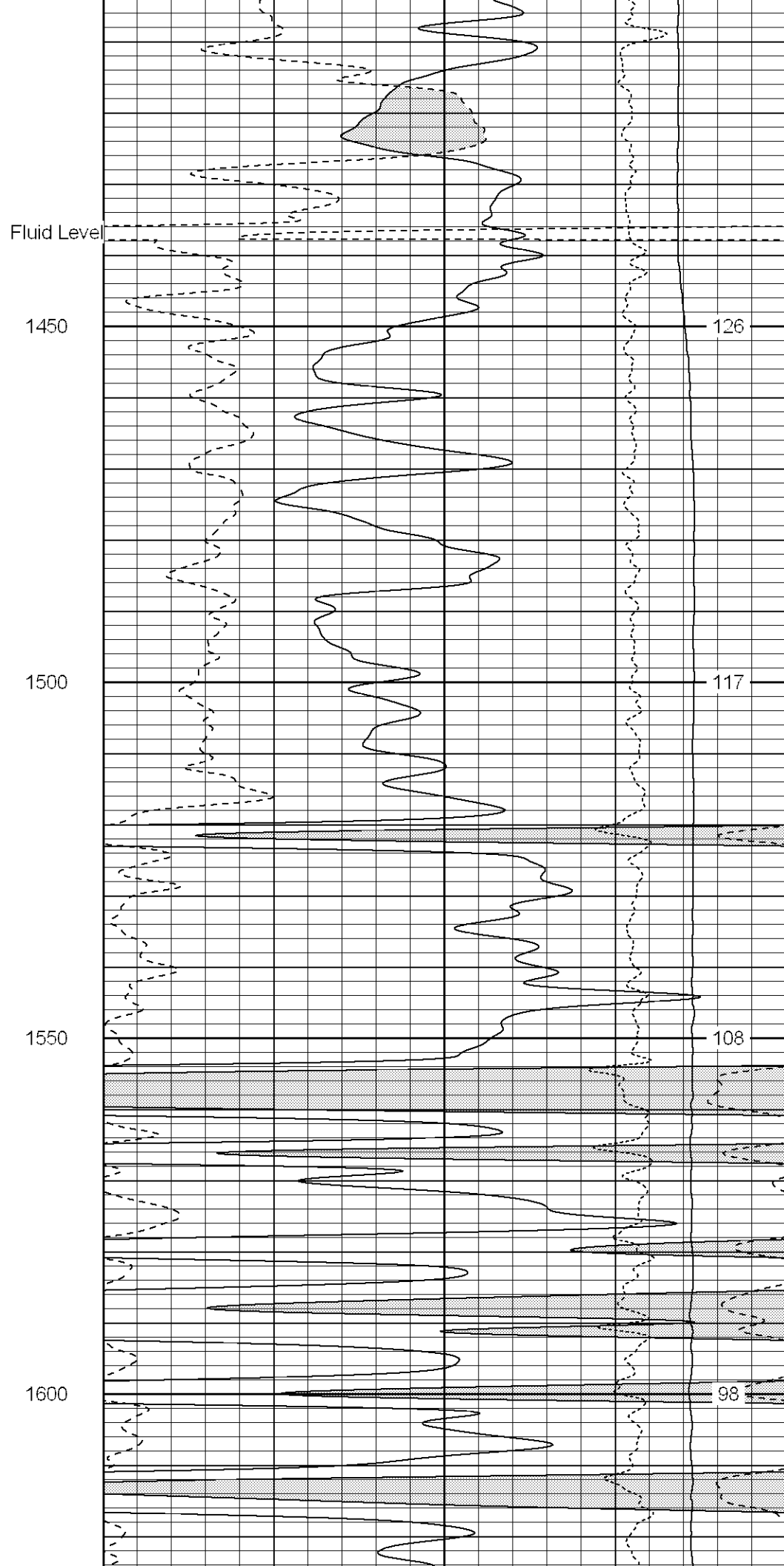
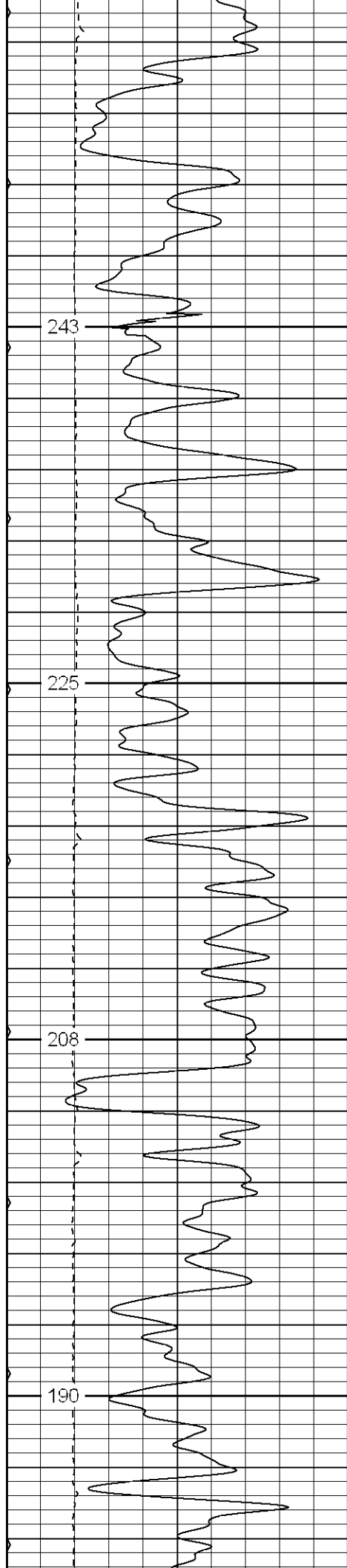
900

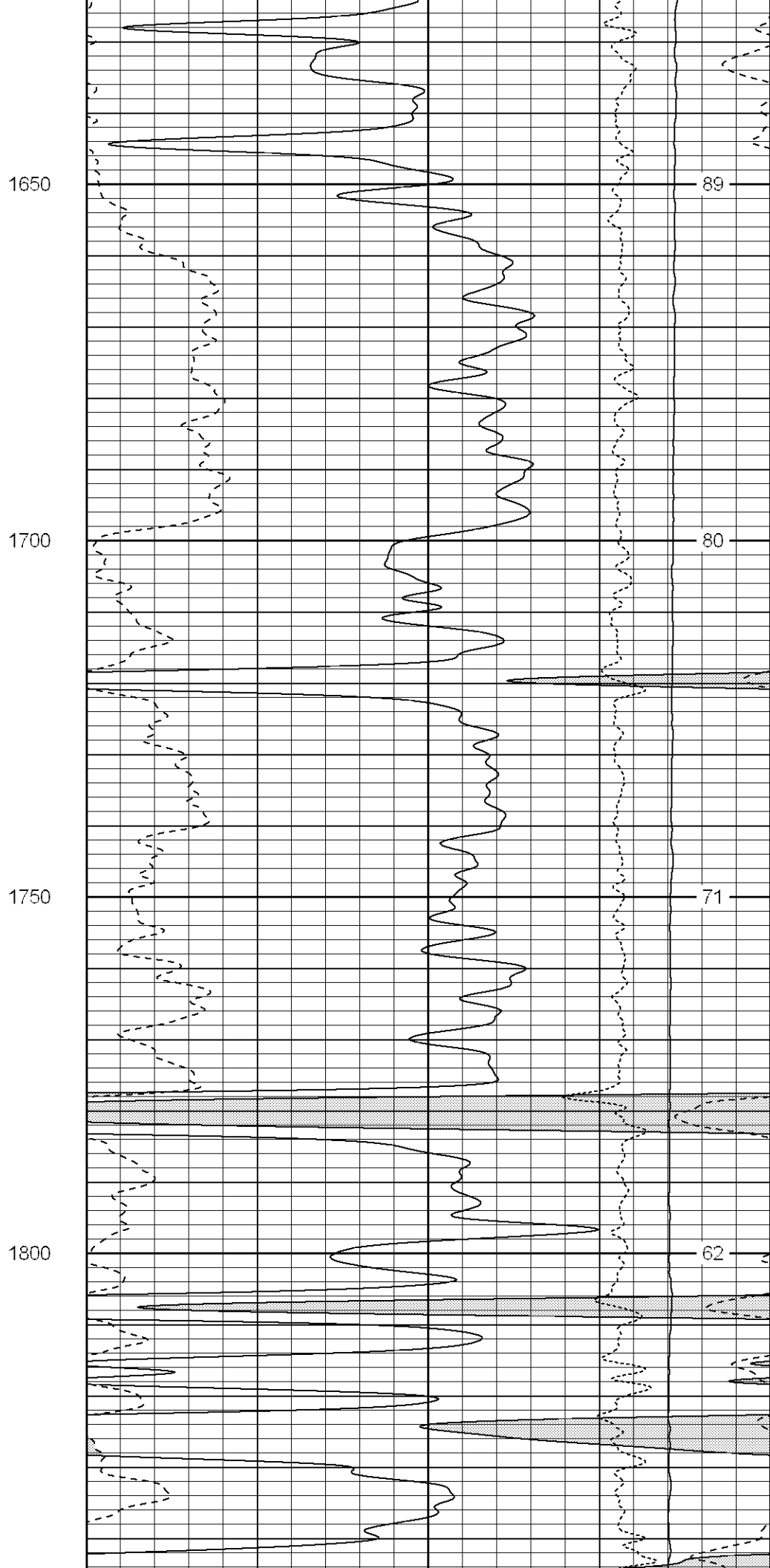
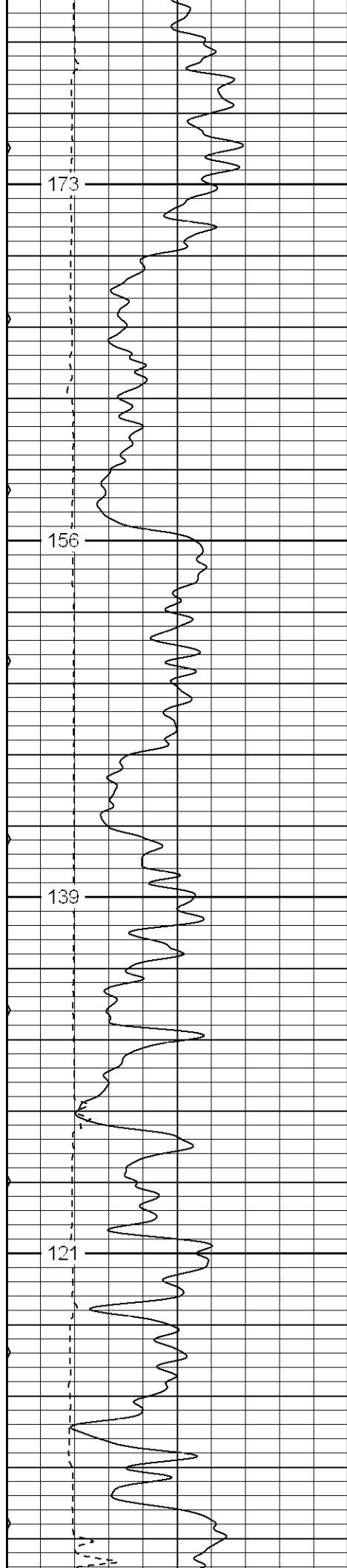
950

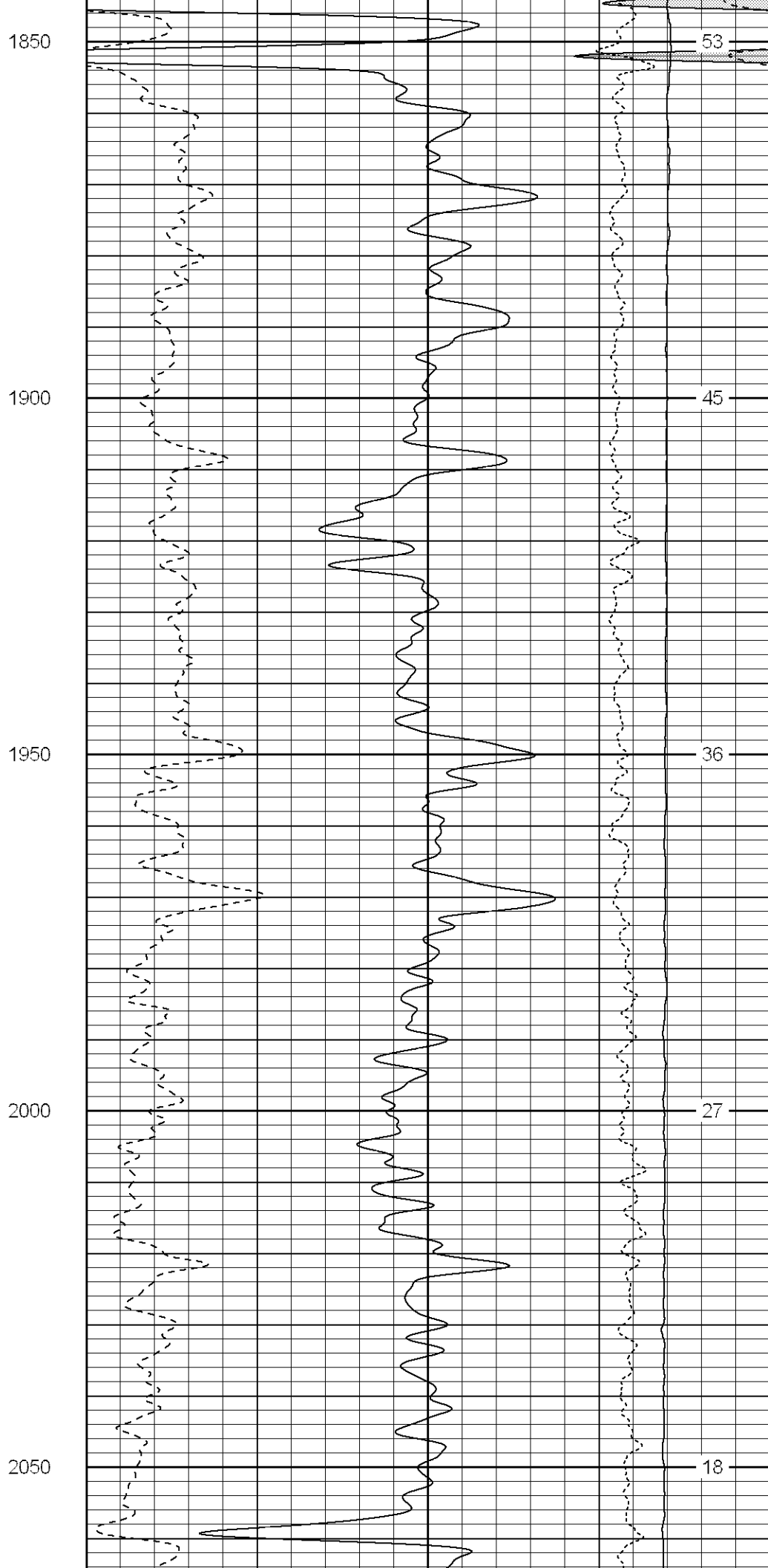
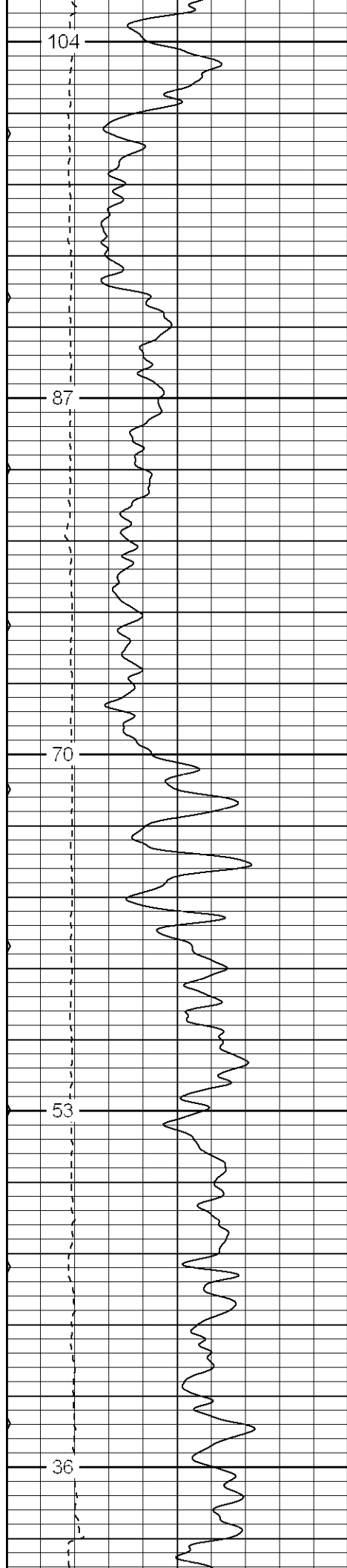


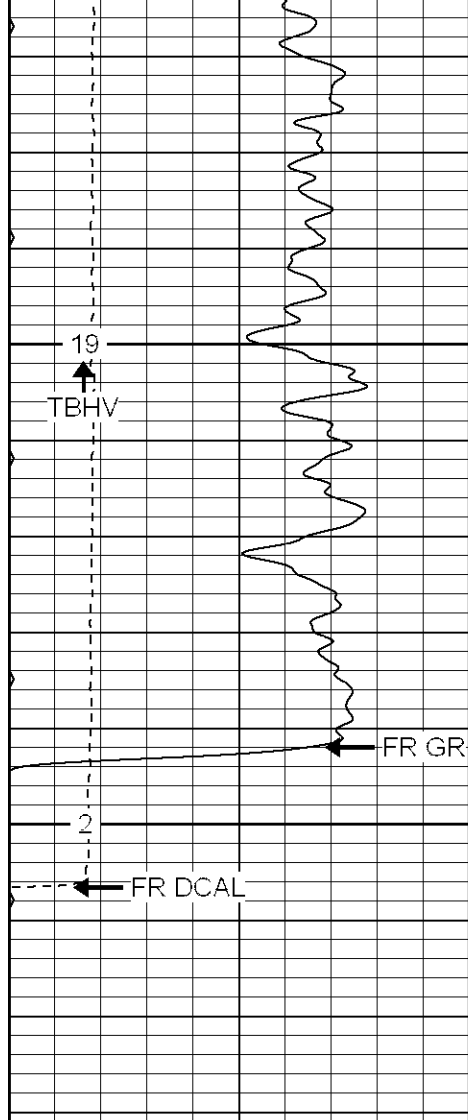








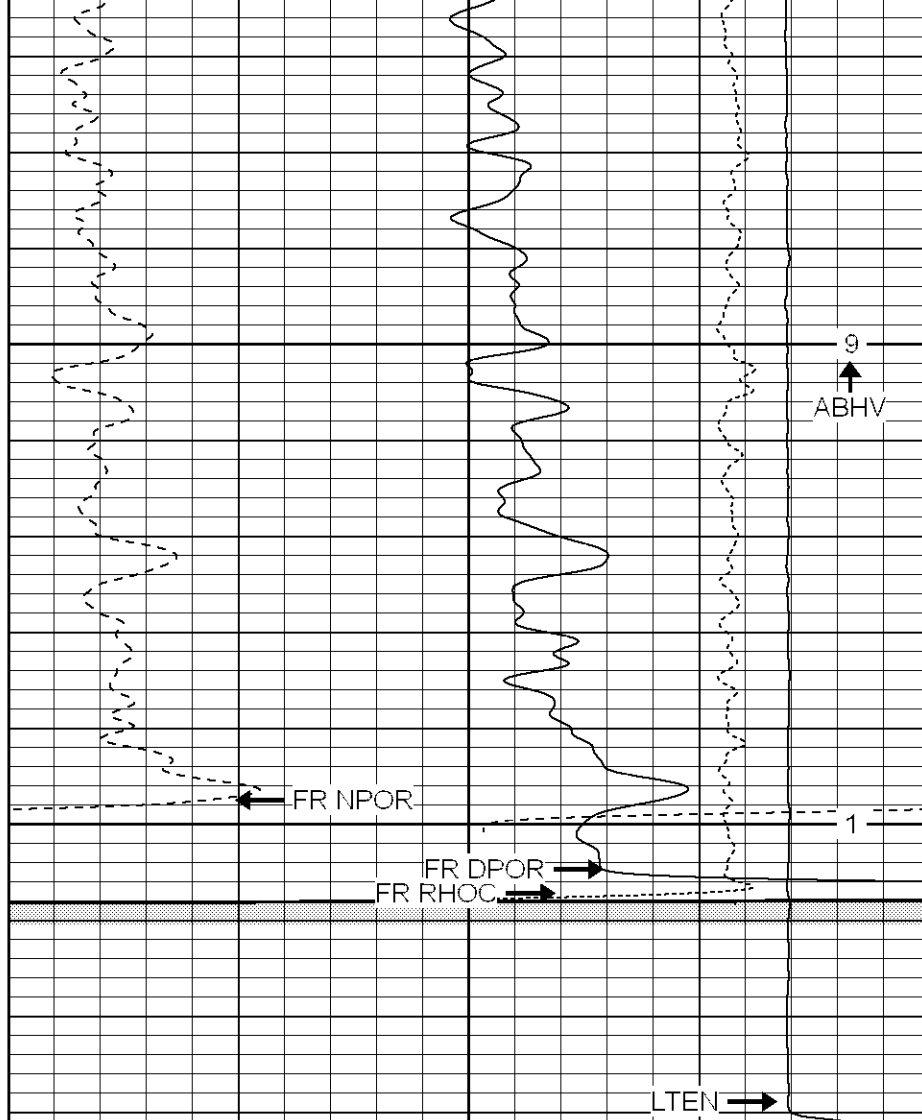




0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80

2100

2150



30	NPOR (pu)	-10
30	DPOR (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0

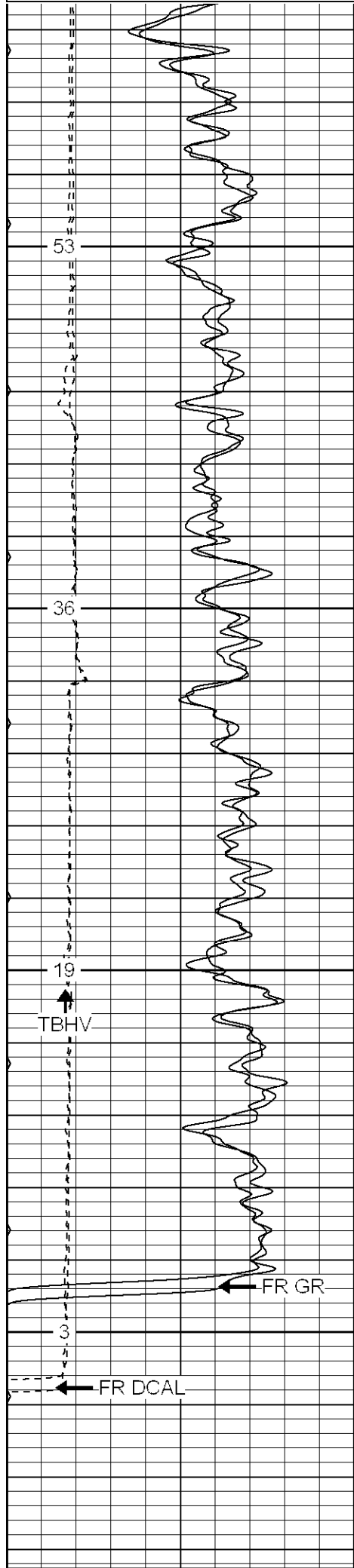
Patterson

Repeat Pass

Database File: xtoac2404.db
 Dataset Pathname: pass1.2
 Presentation Format: cdnl
 Dataset Creation: Fri Feb 17 11:10:11 2006 by Calc Warrior 7.0 STD Ope
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80
0	GR-repeat (GAPI)	200
6	DCAL-repeat (in)	16

30	NPOR (pu)	-10
30	DPOR (pu)	-10
30	NPOR-repeat (pu)	-10
30	DPOR-repeat (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0
-0.5	RHOC-repeat (g/cc)	0.5
4000	LTEN-repeat (lb)	0

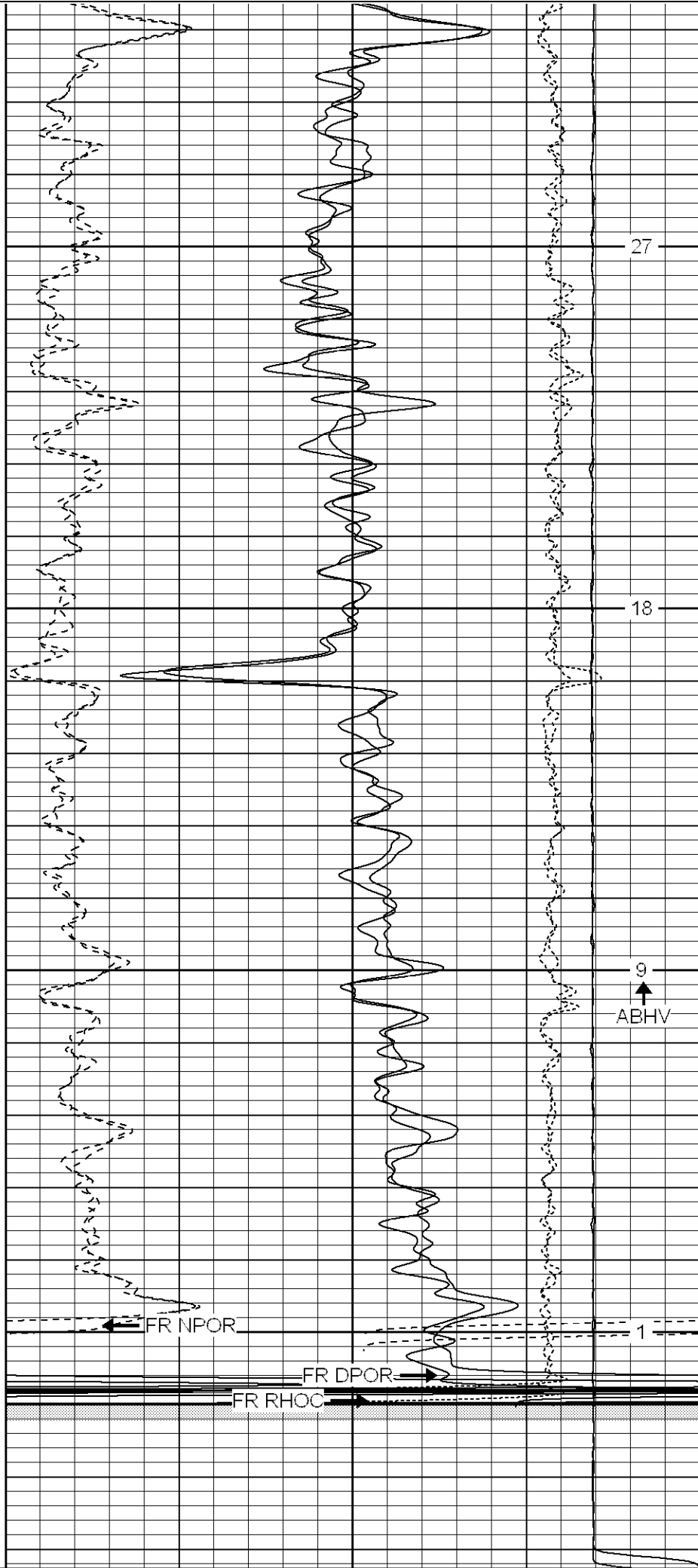


2000

2050

2100

2150



27

18

9

1

0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80
0	GR-repeat (GAPI)	200
6	DCAL-repeat (in)	16

30	NPOR (pu)	-10
30	DPOR (pu)	-10
30	NPOR-repeat (pu)	-10
30	DPOR-repeat (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0
-0.5	RHOC-repeat (g/cc)	0.5
4000	LTEN-repeat (lb)	0

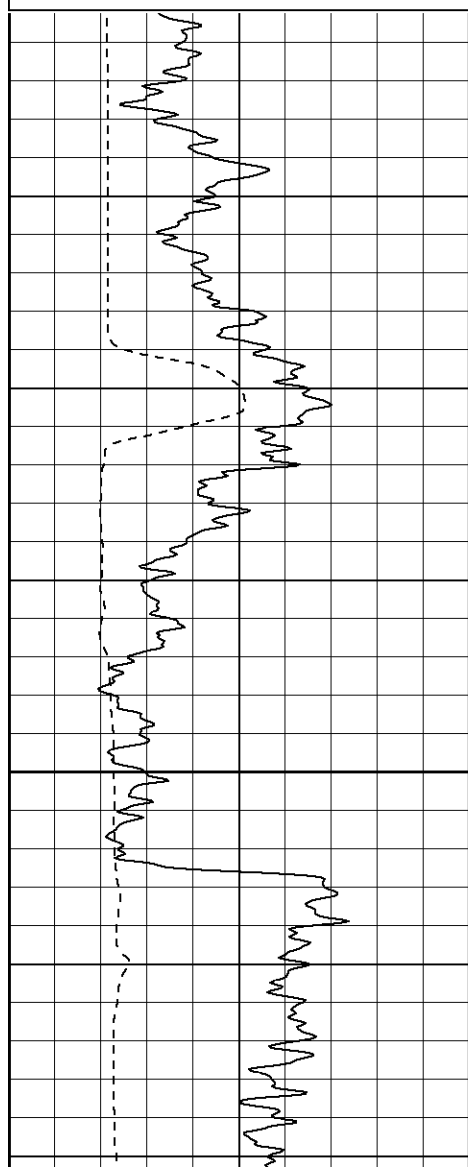
Patterson

High Resolution Pass

Database File: xtoac2404.db
Dataset Pathname: pass2.3
Presentation Format: cdlhr
Dataset Creation: Fri Feb 17 15:55:41 2006 by Calc Warrior 7.0 STD Ope
Charted by: Depth in Feet scaled 1:120

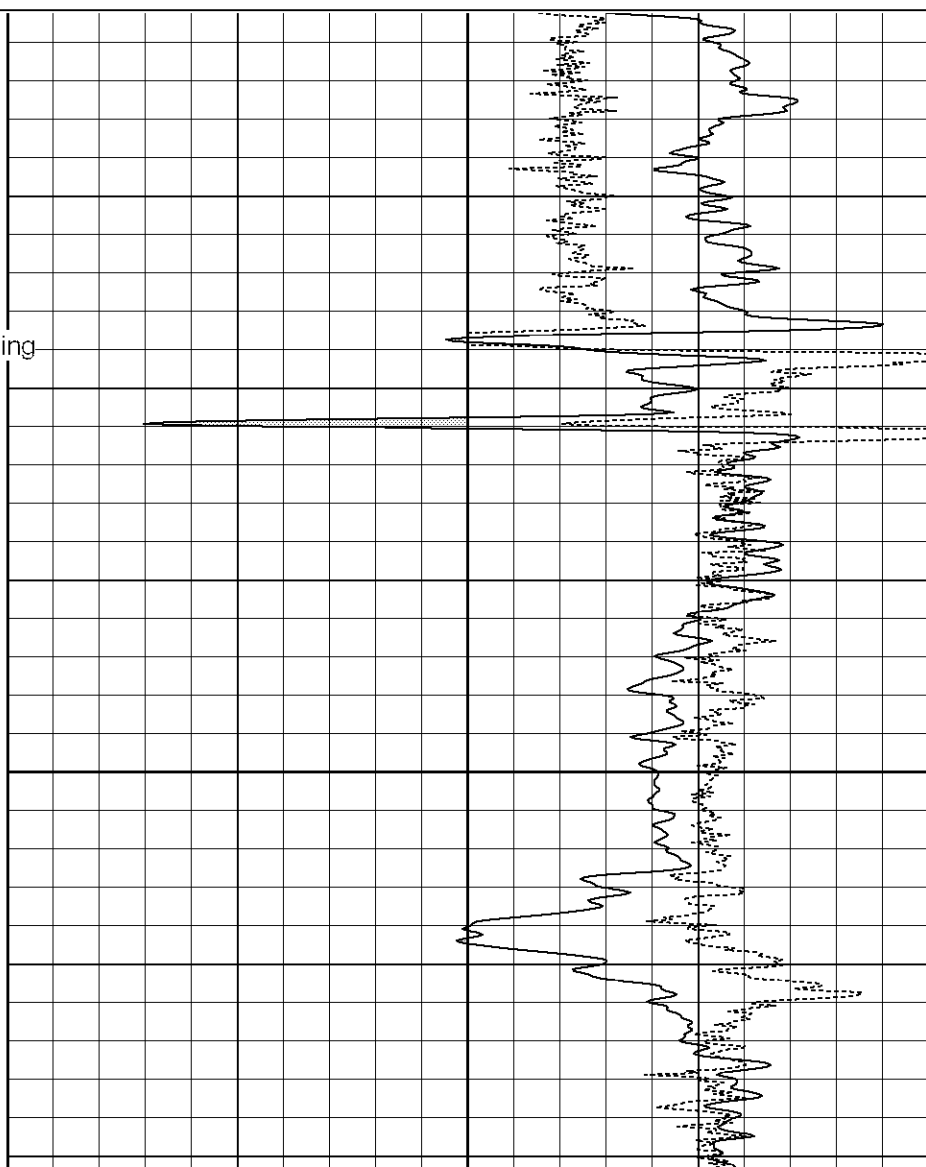
0	GR (GAPI)	200
6	DCAL (in)	16

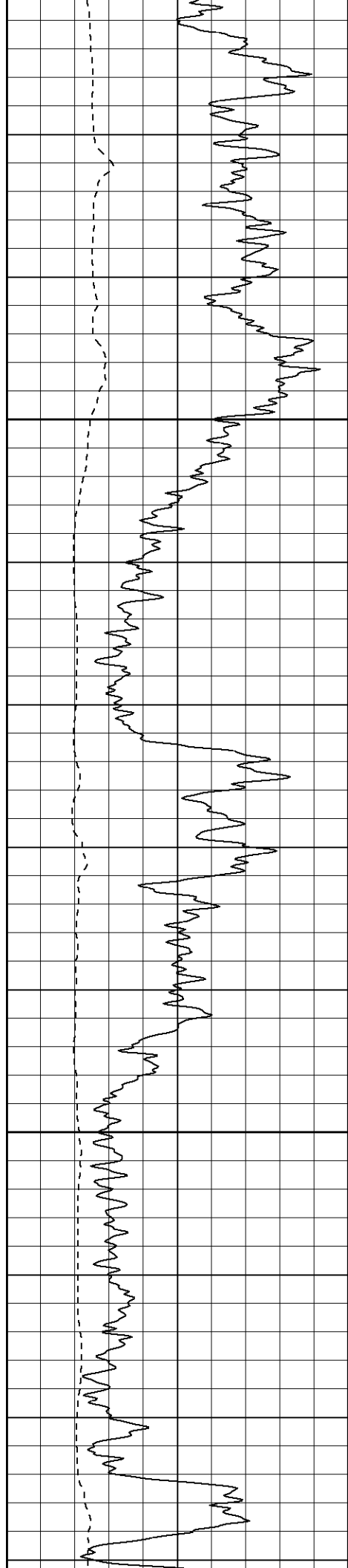
1	RHOB (g/cc)	3
-0.5	RHOC (g/cc)	0.5



Surface Casing

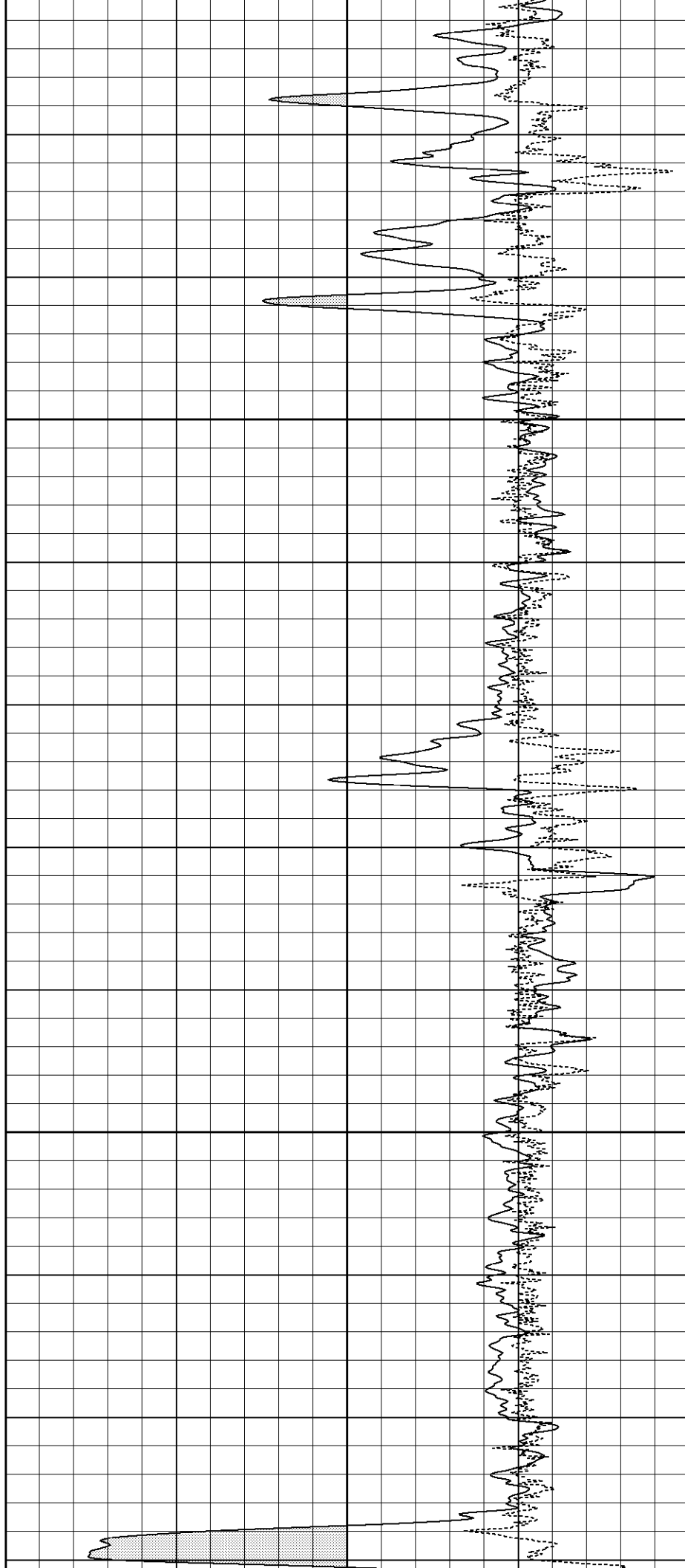
250

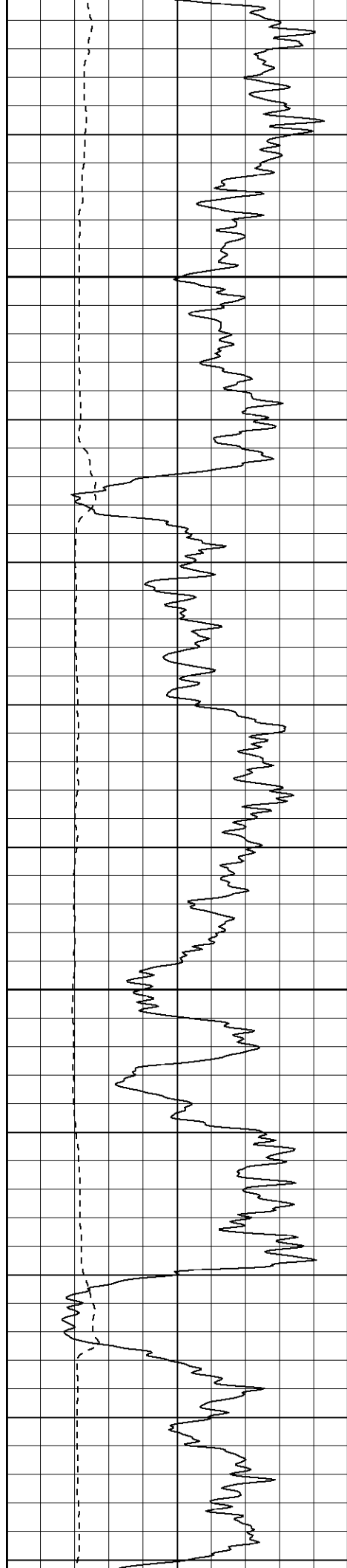




300

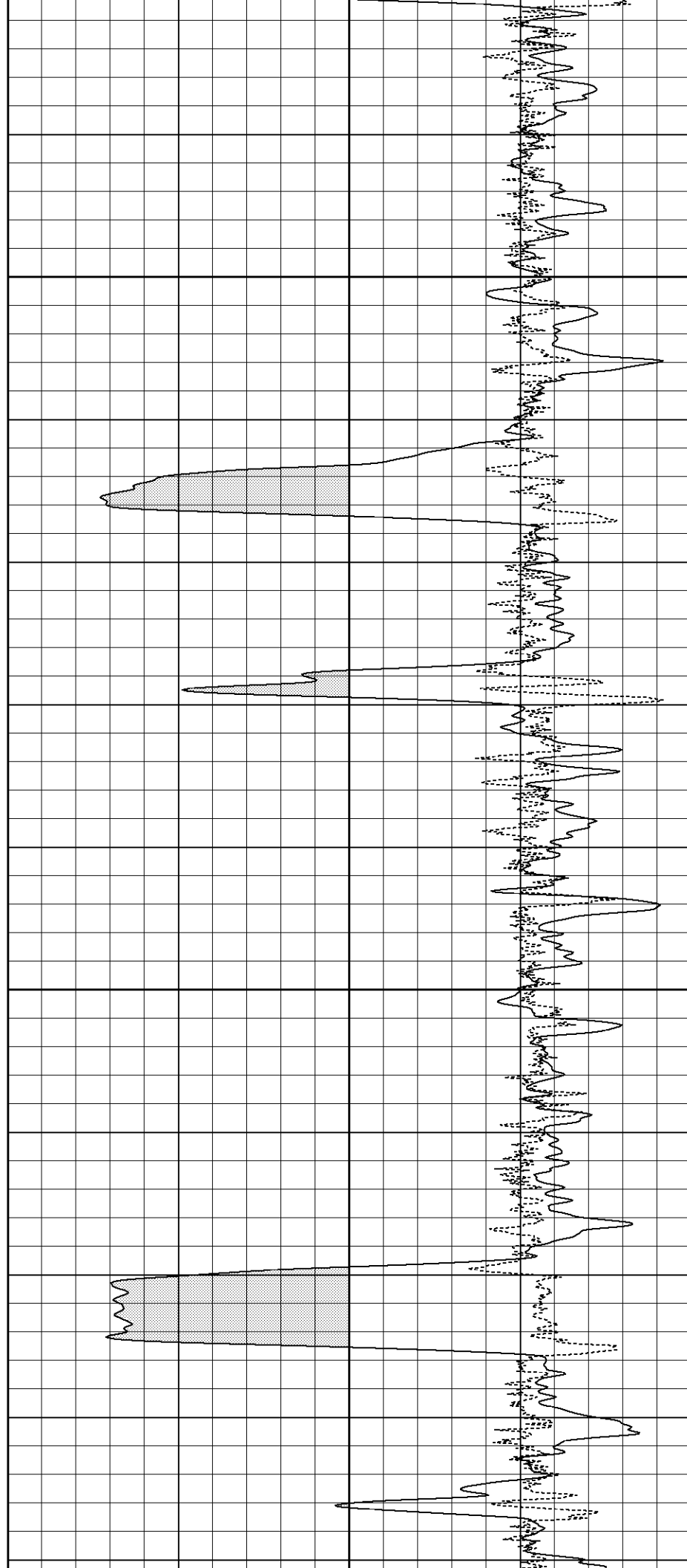
350

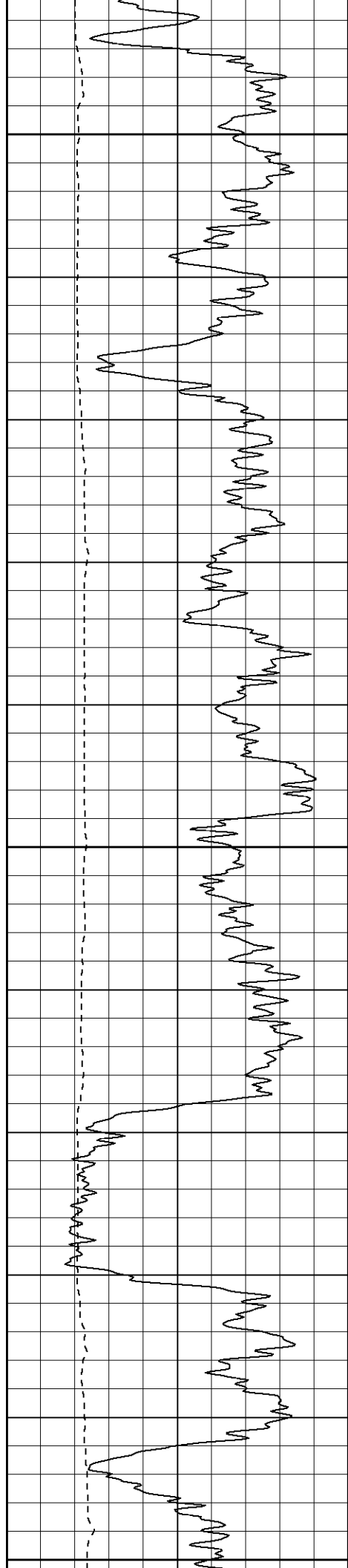




400

450

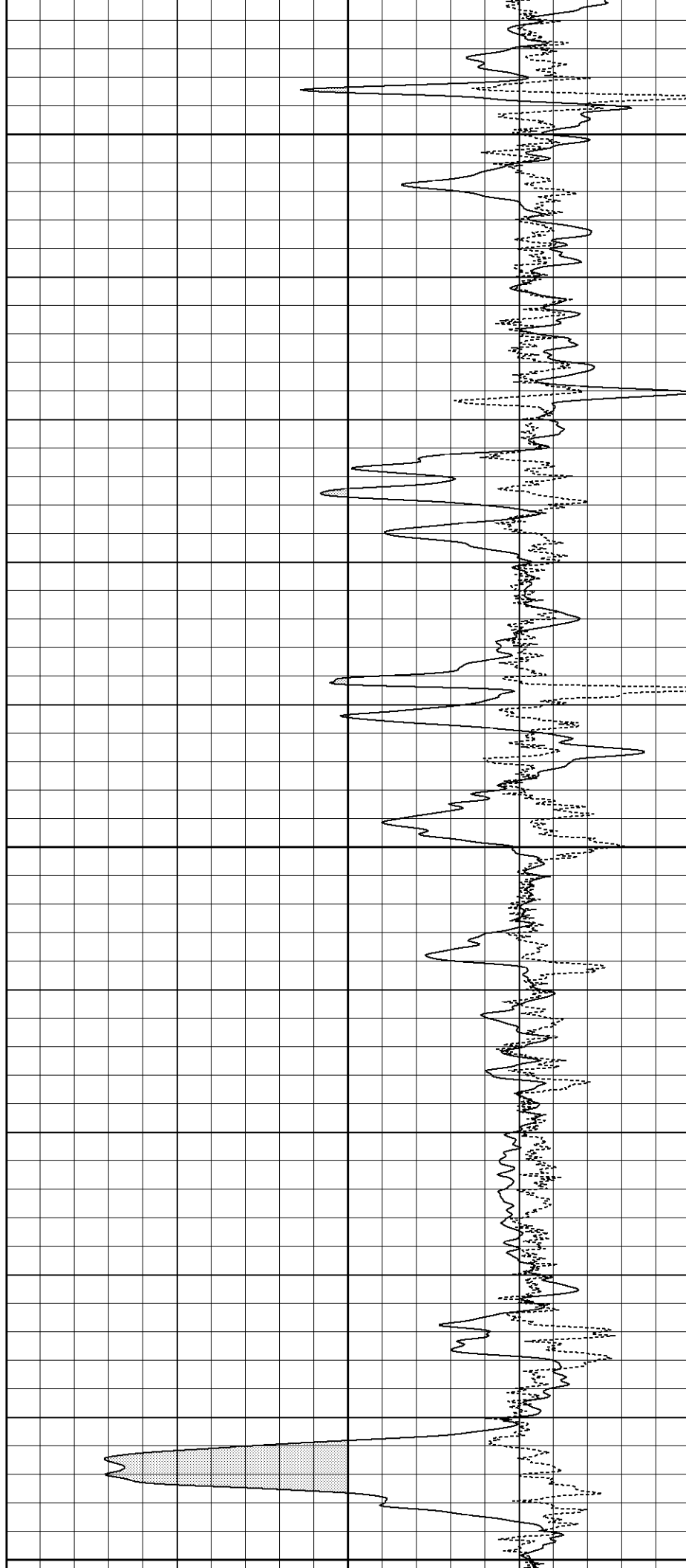


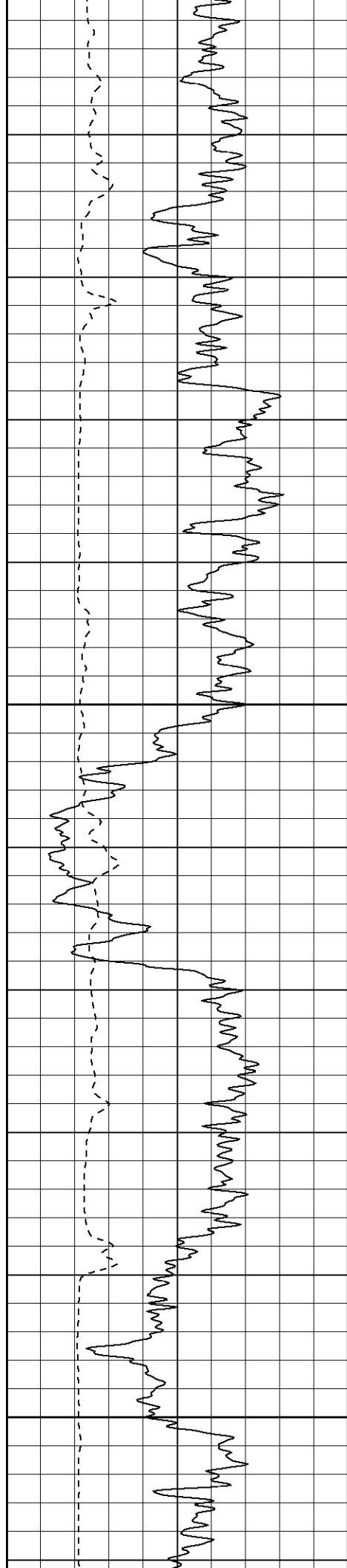


500

550

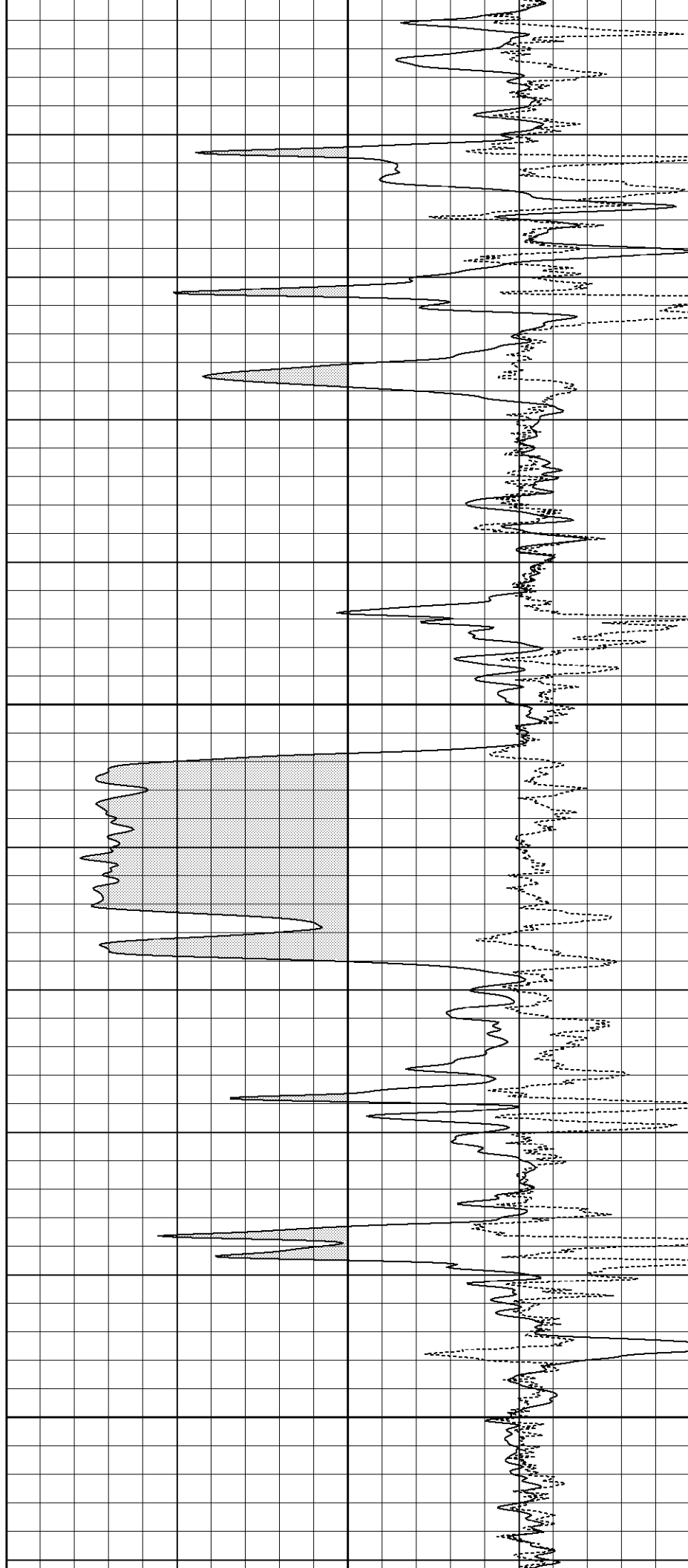
600

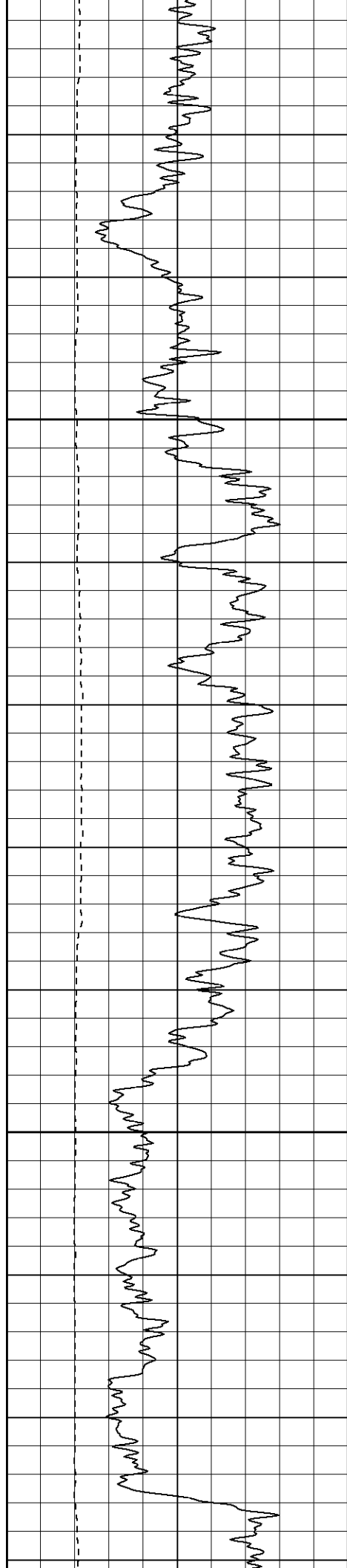




650

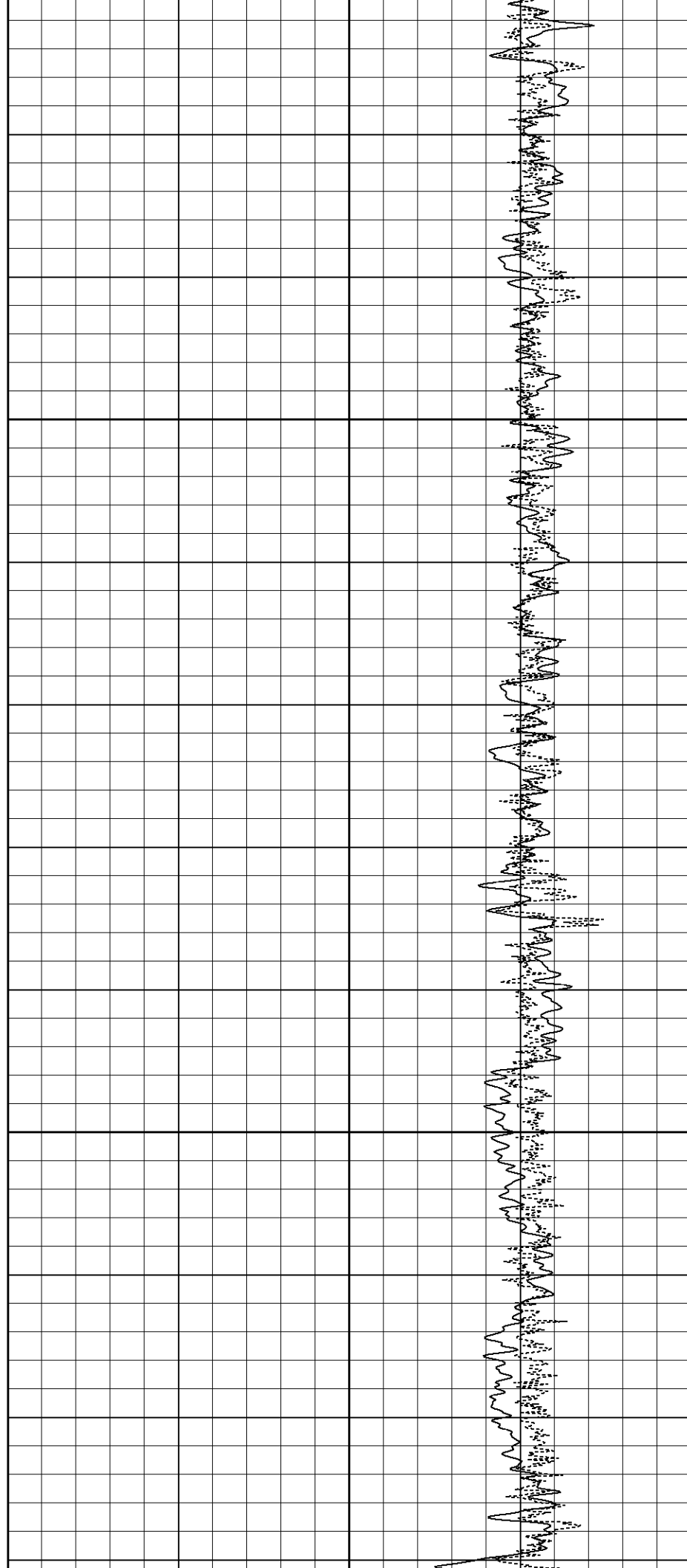
700

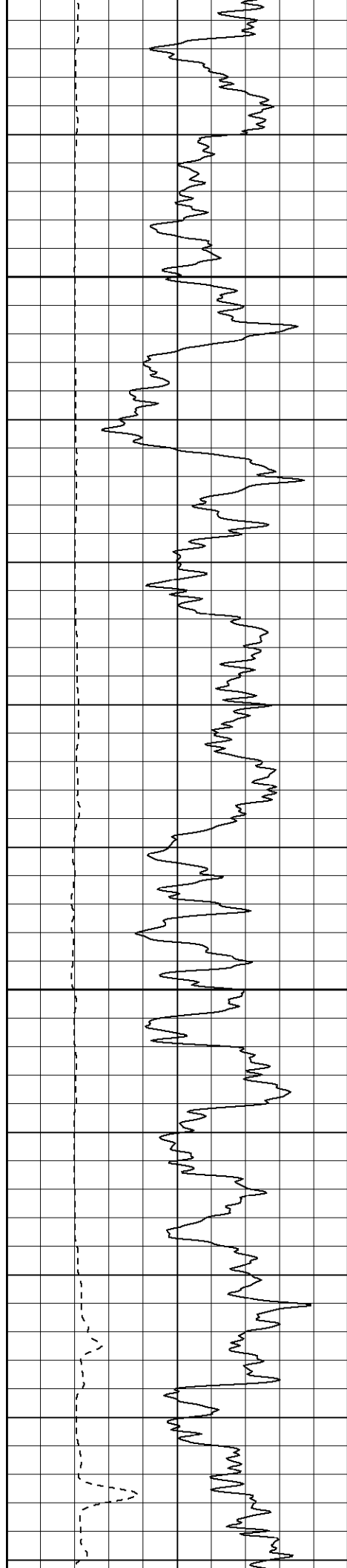




850

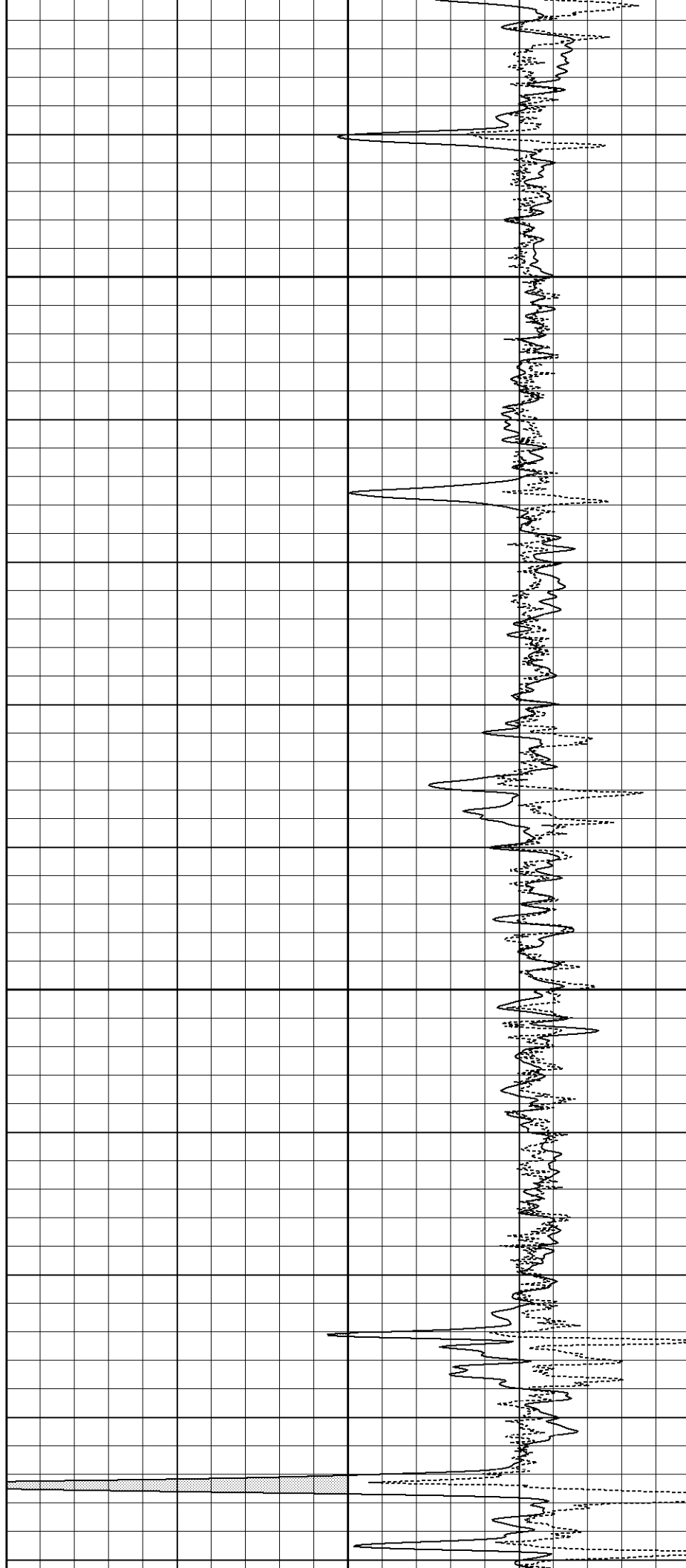
900

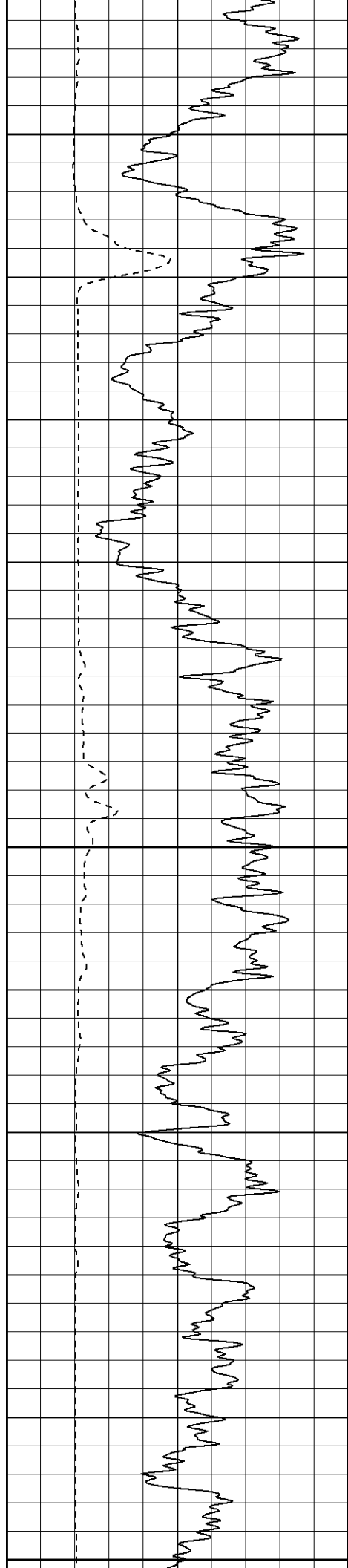




950

1000

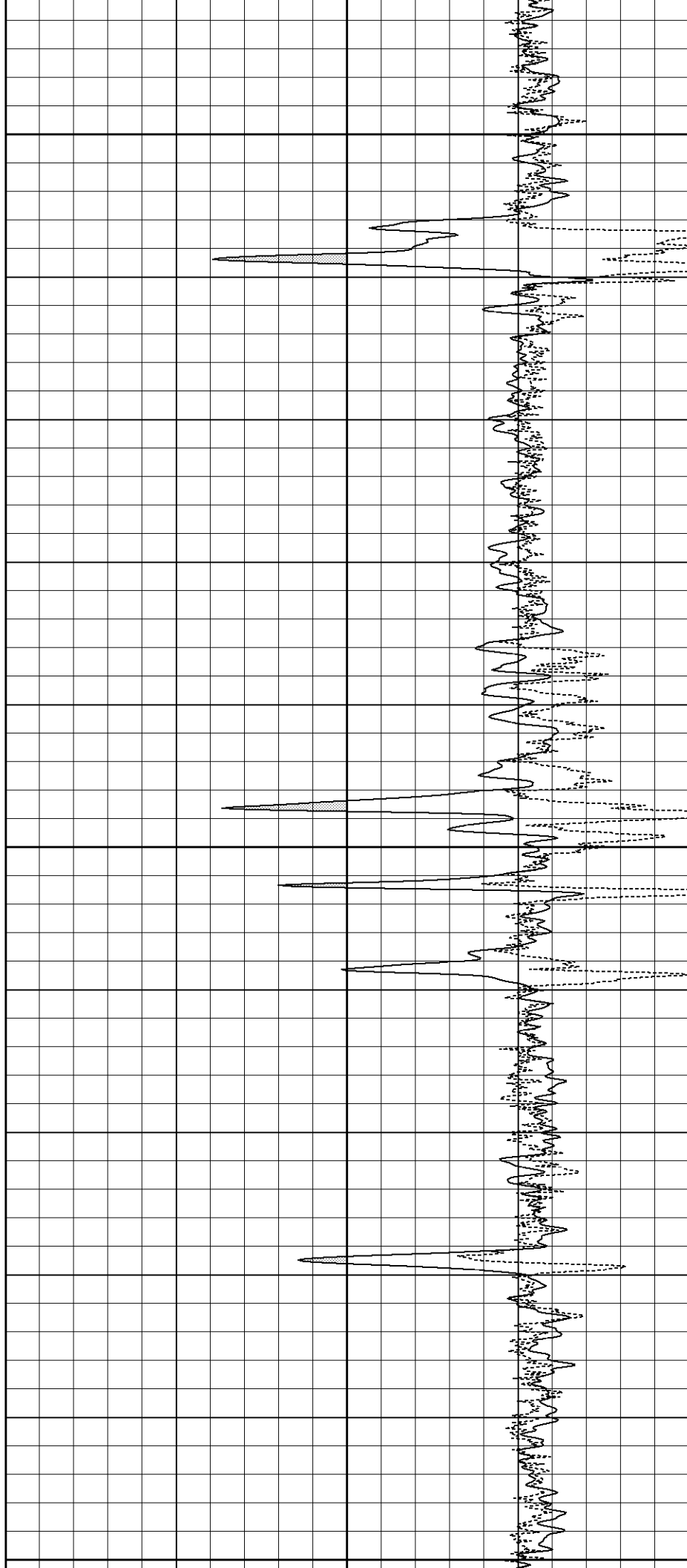


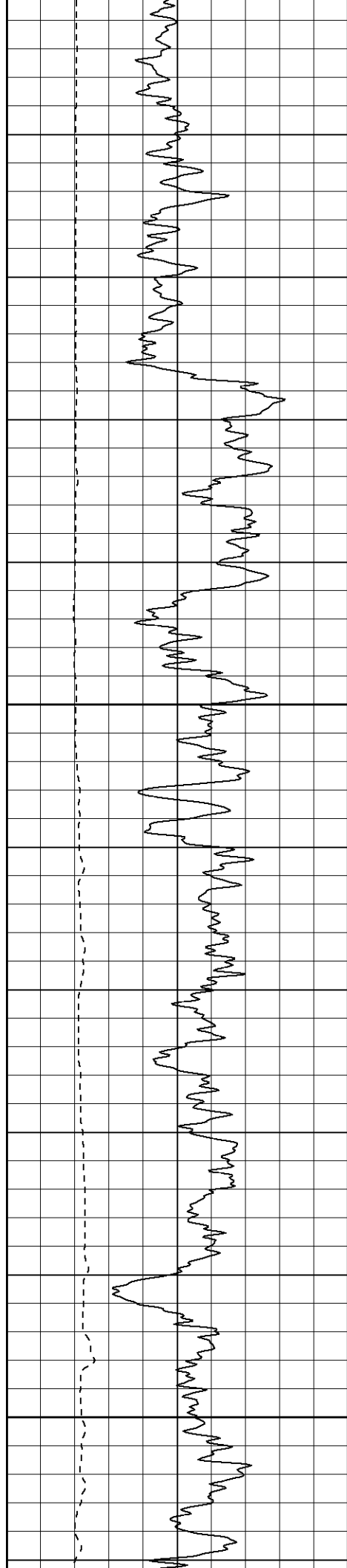


1050

1100

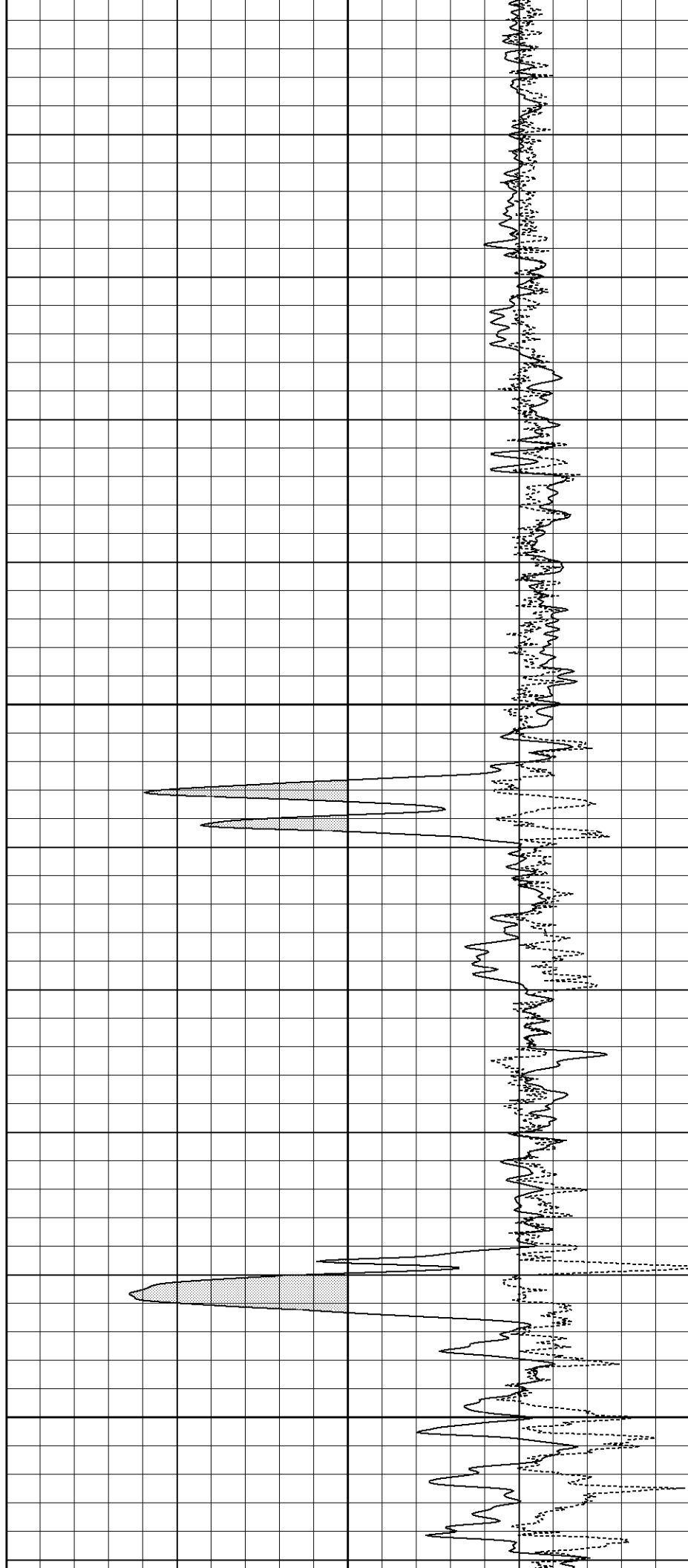
1150

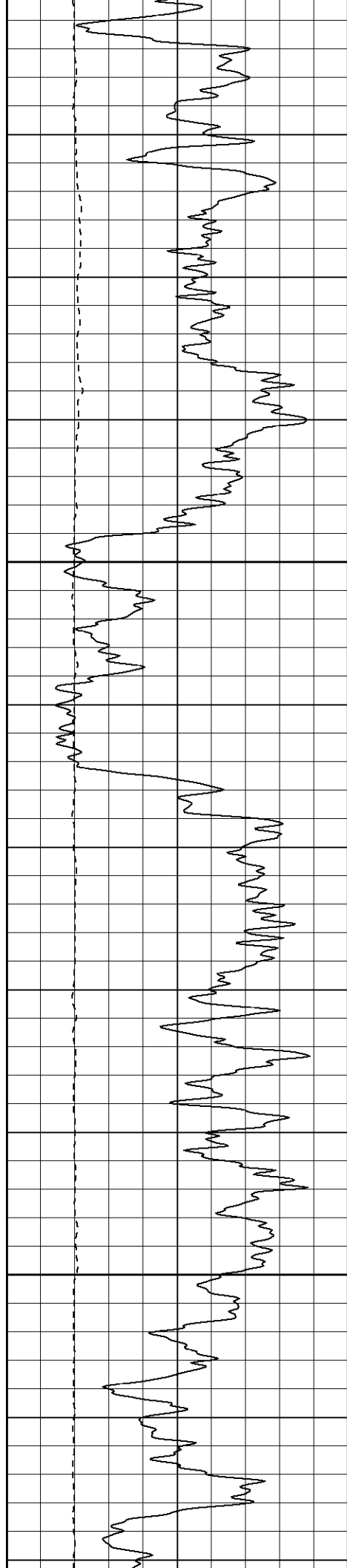




1200

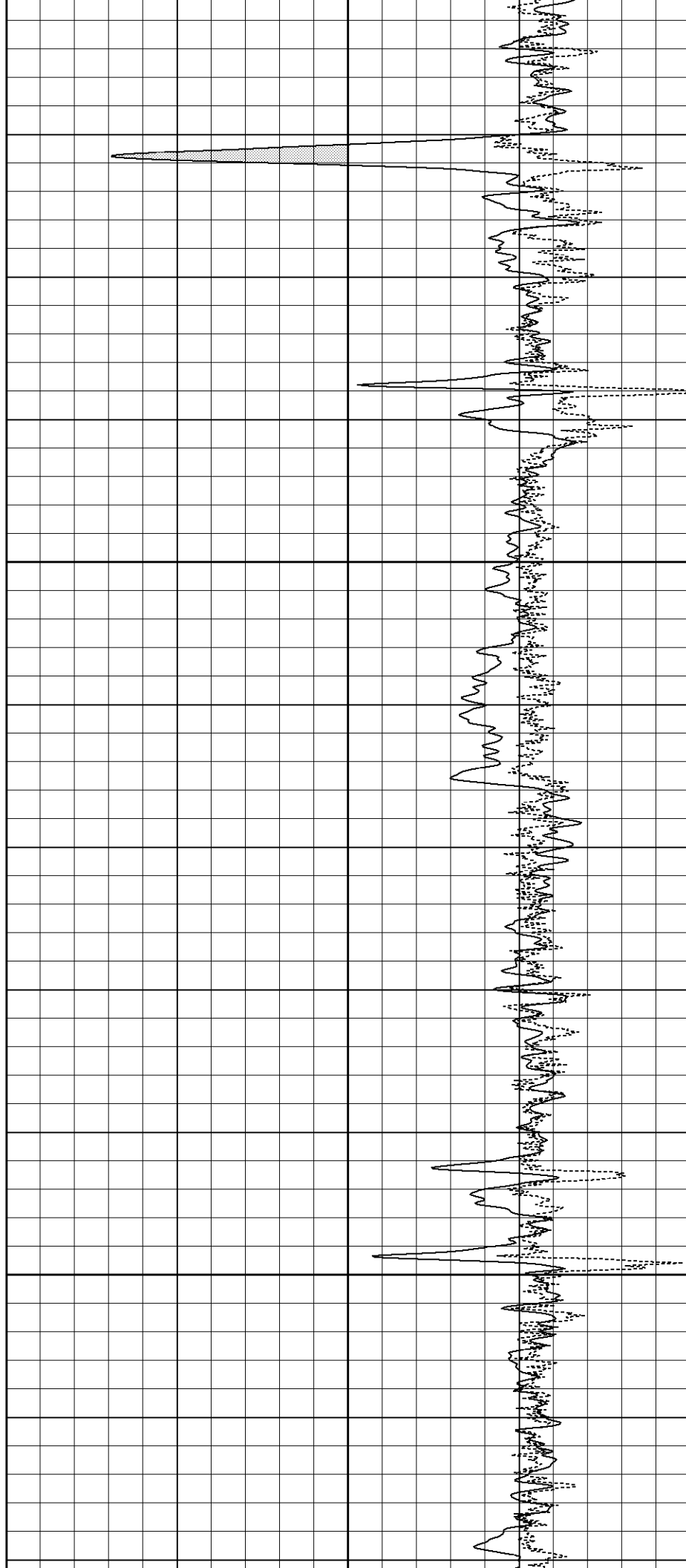
1250

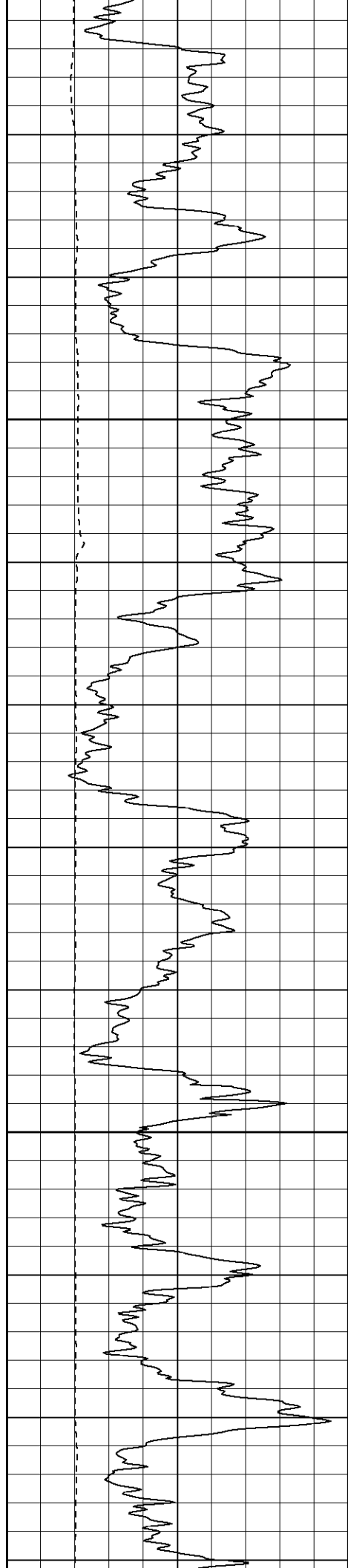




1300

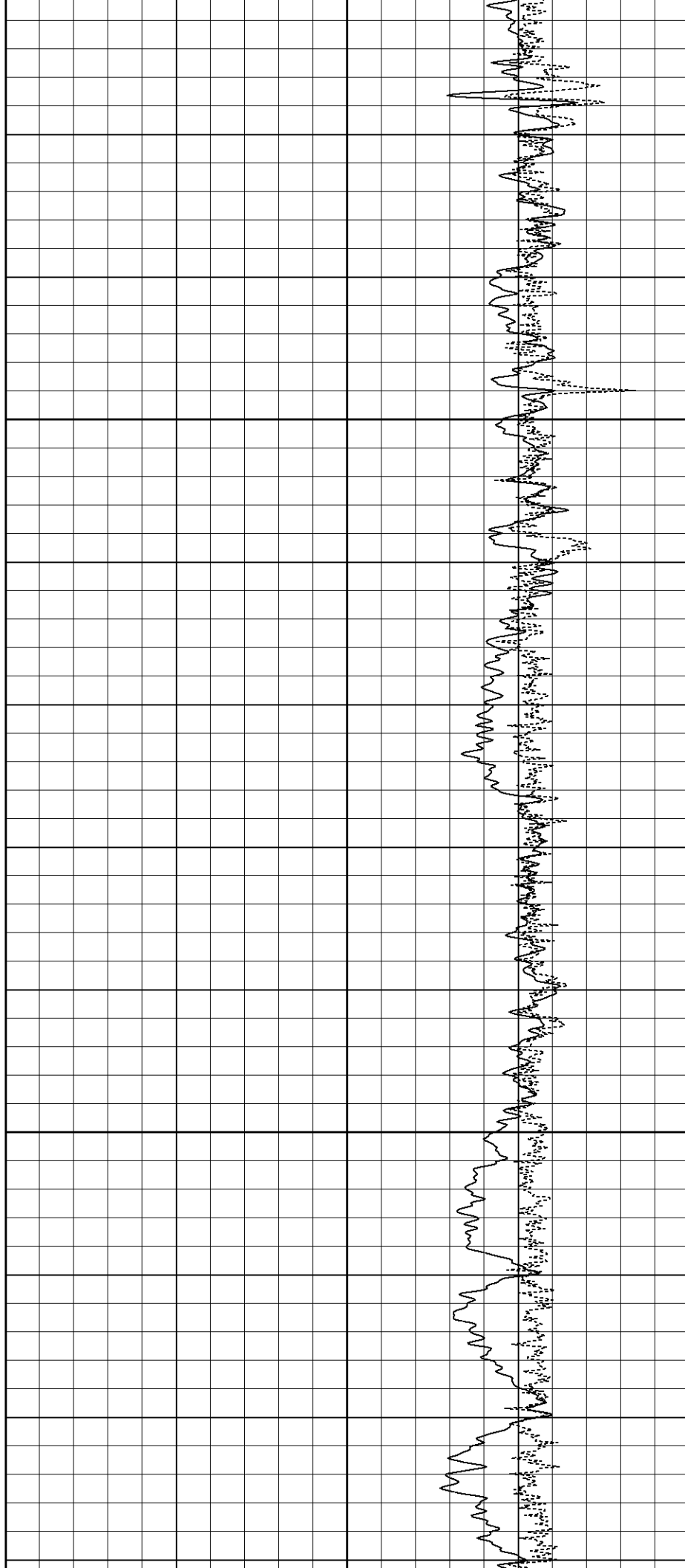
1350

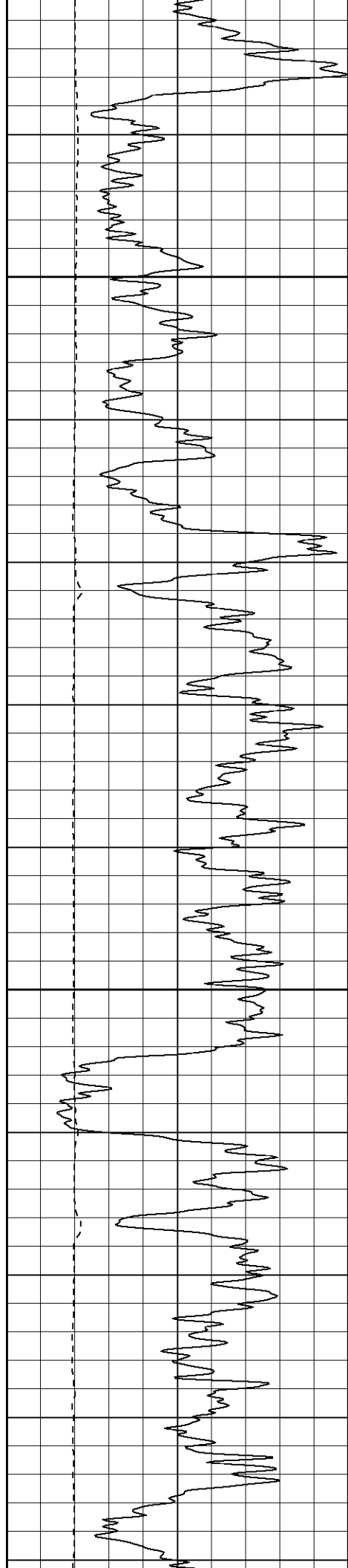




1400

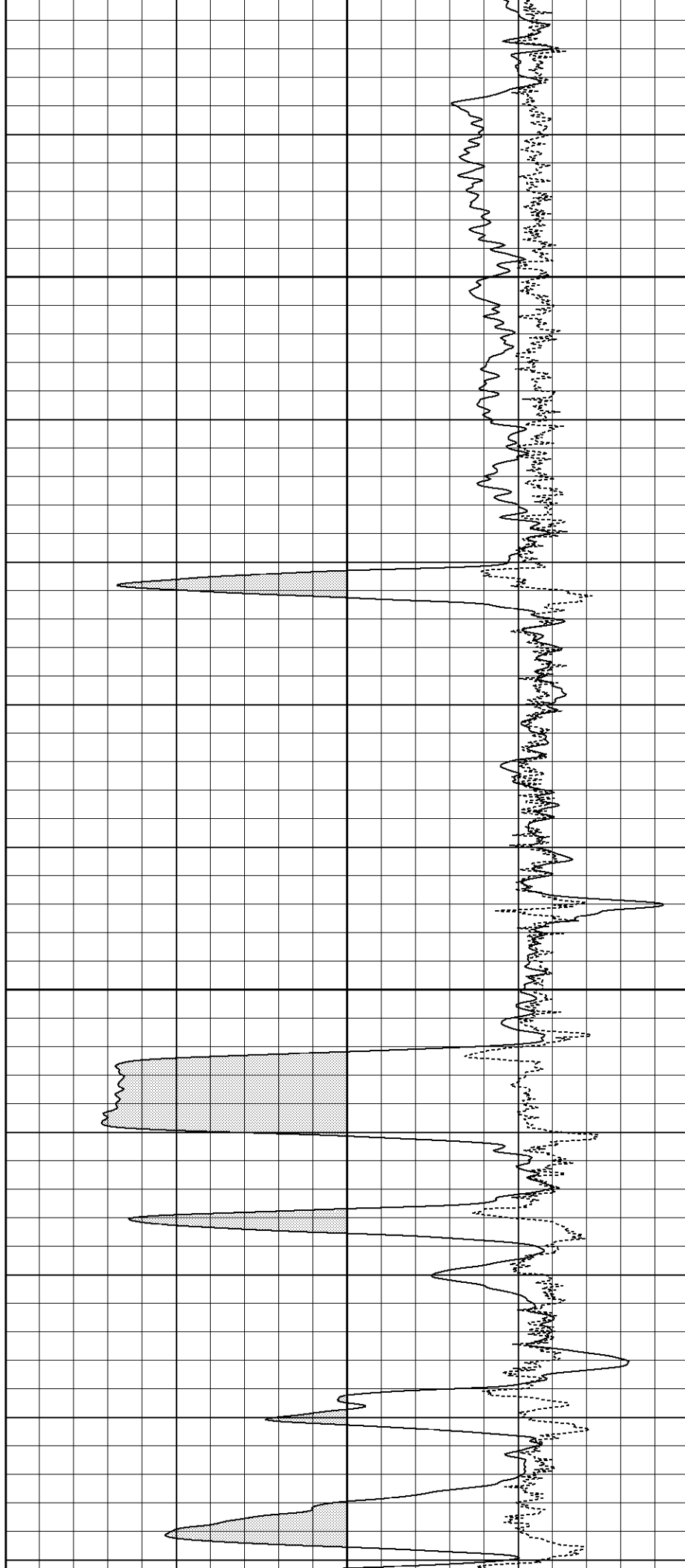
1450

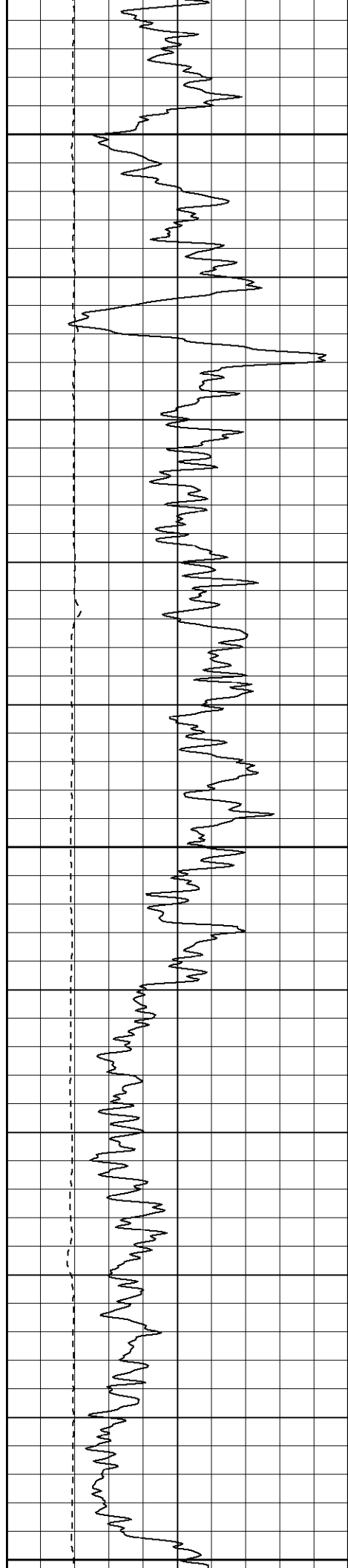




1500

1550

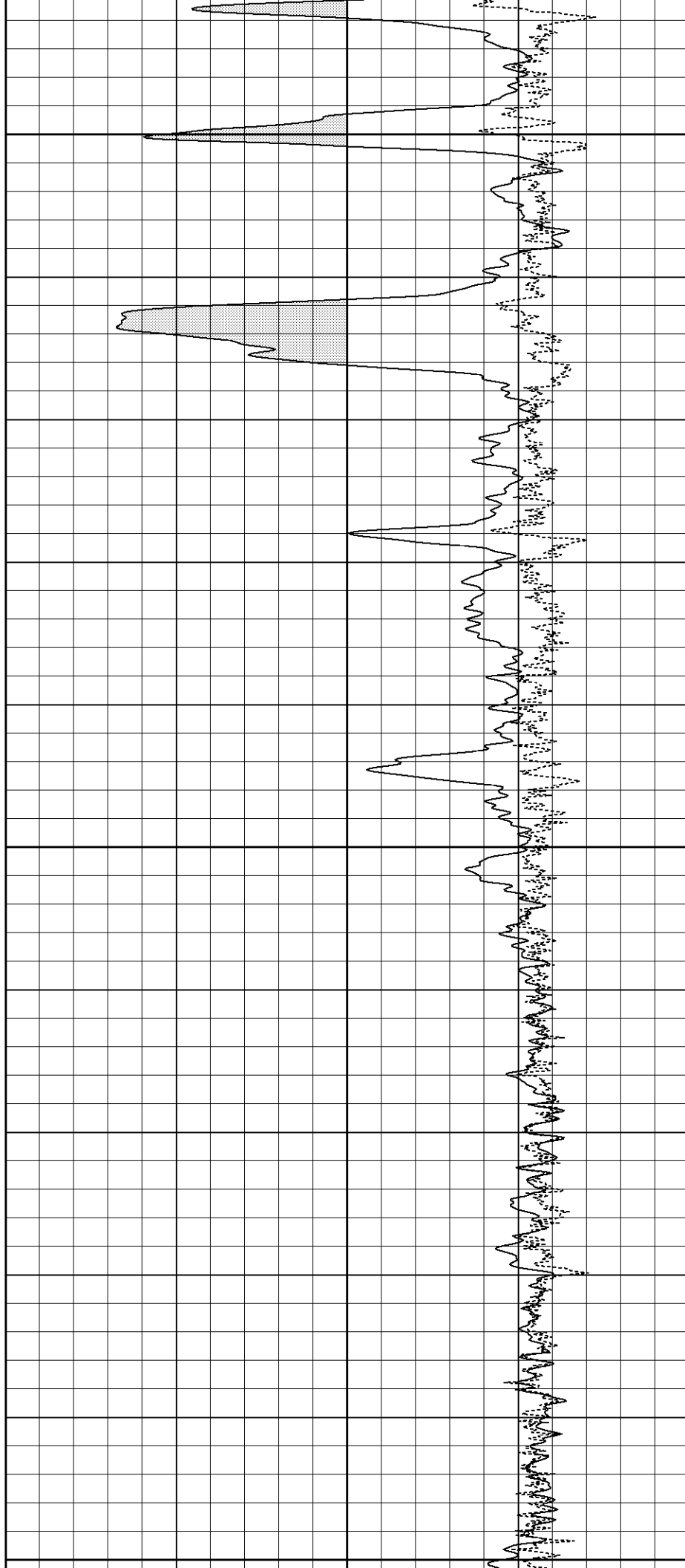


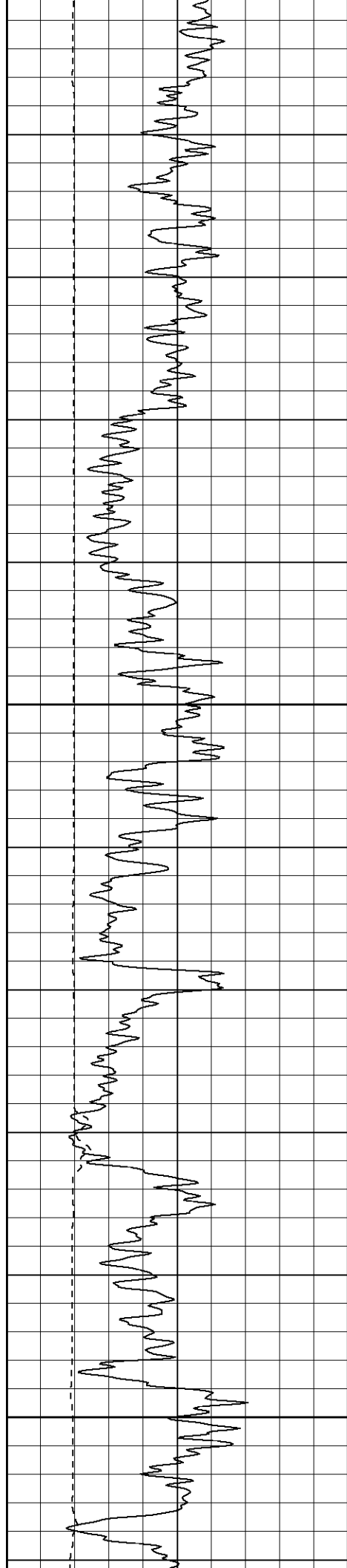


1600

1650

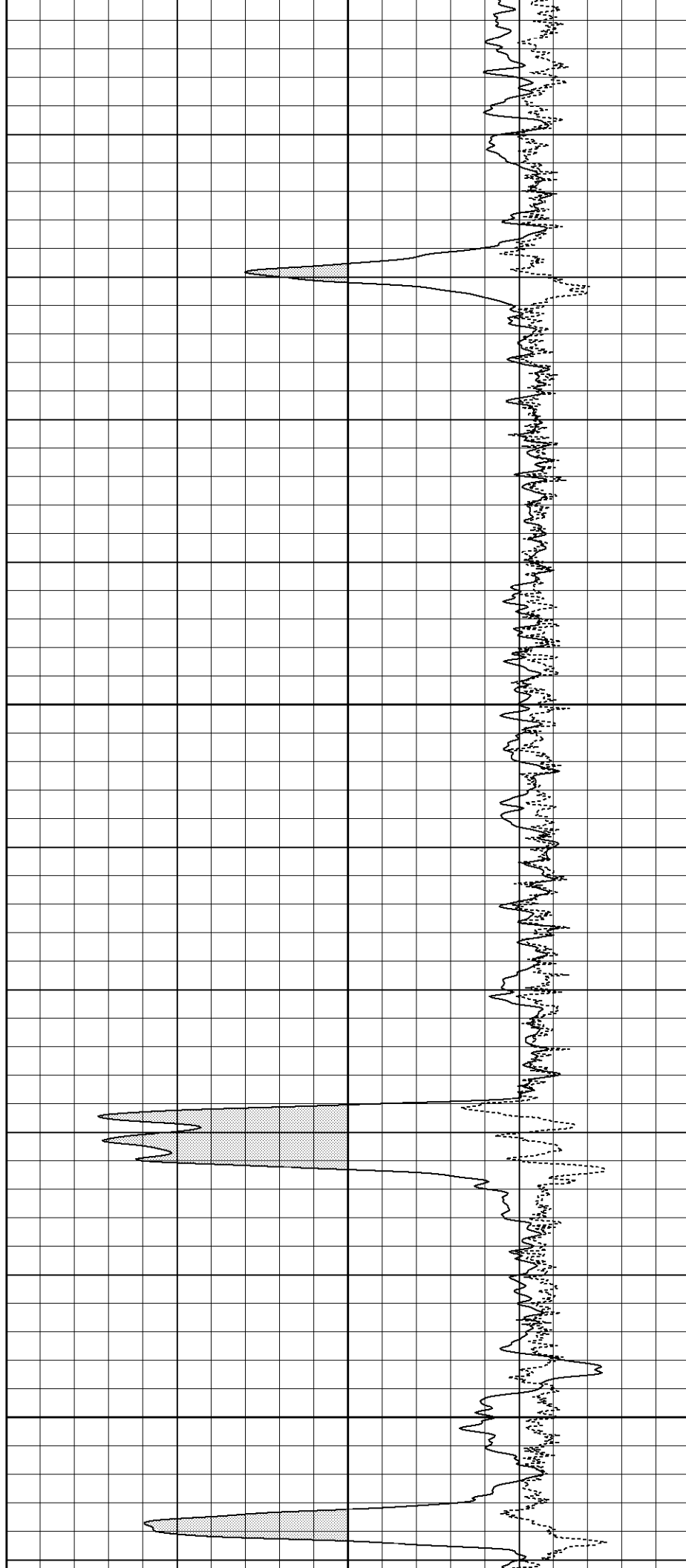
1700

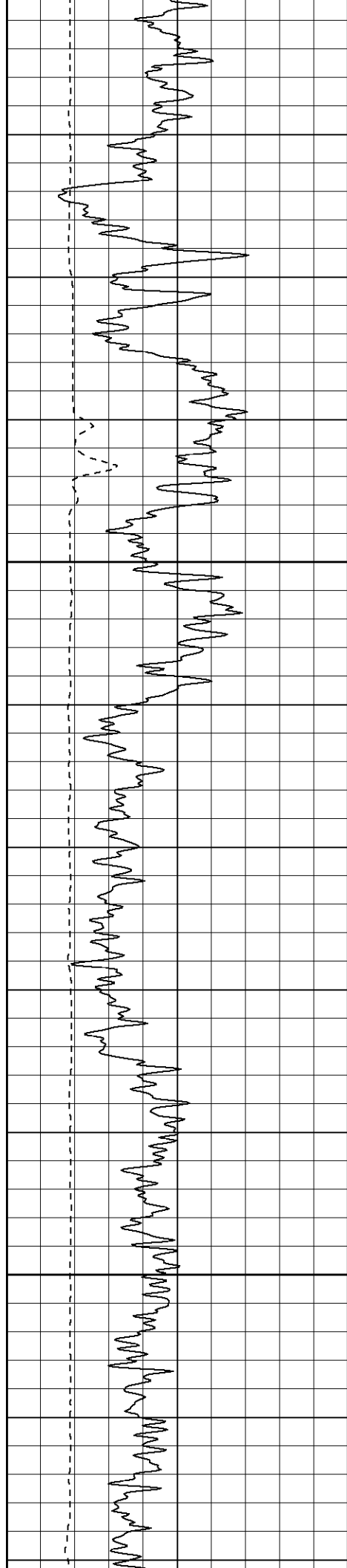




1750

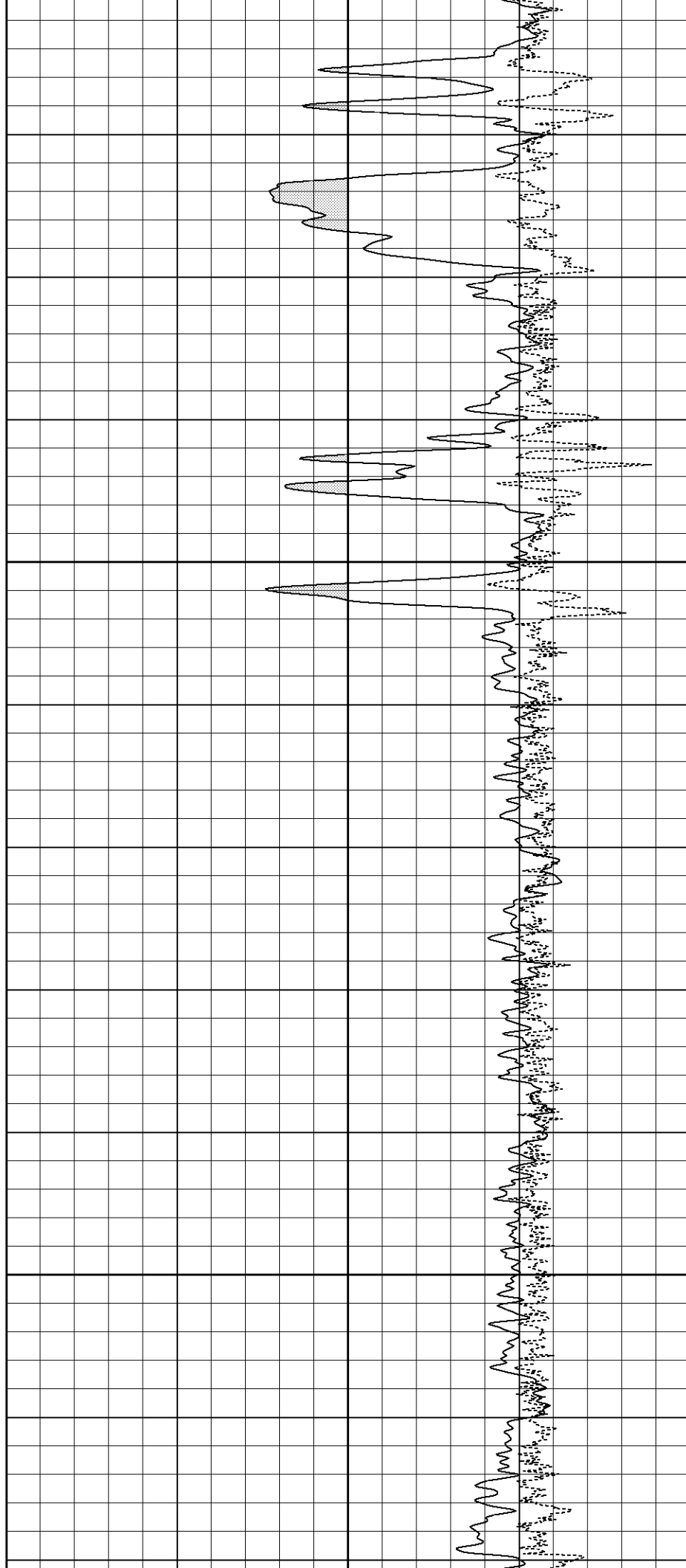
1800

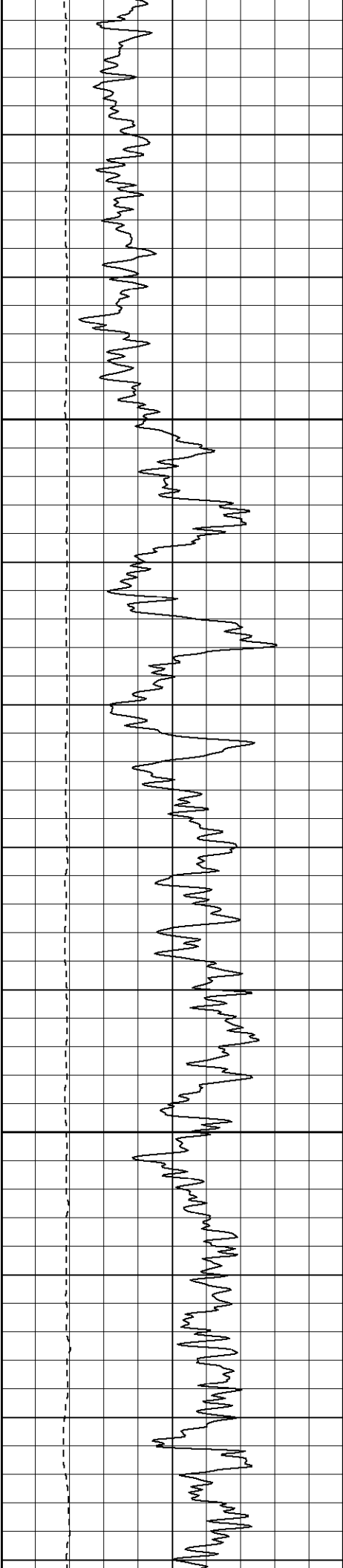




1850

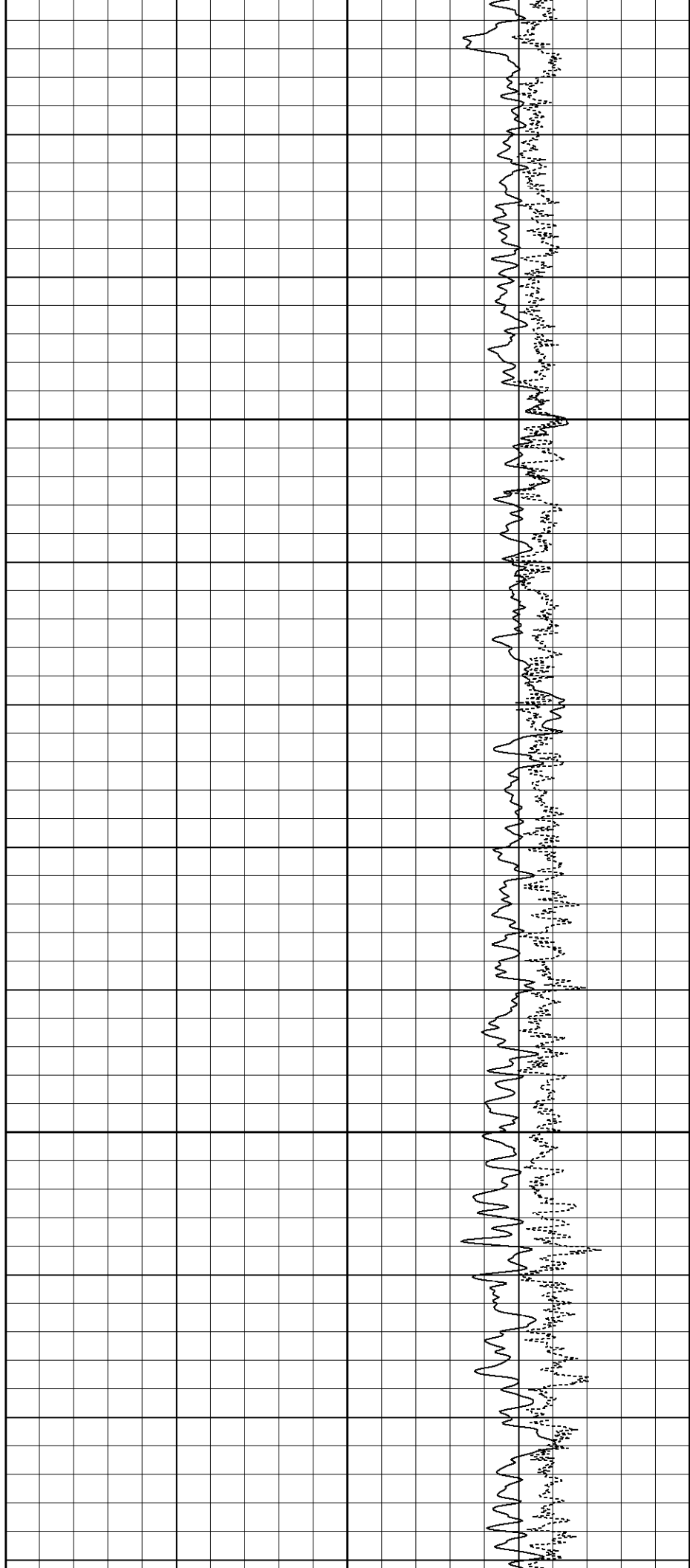
1900

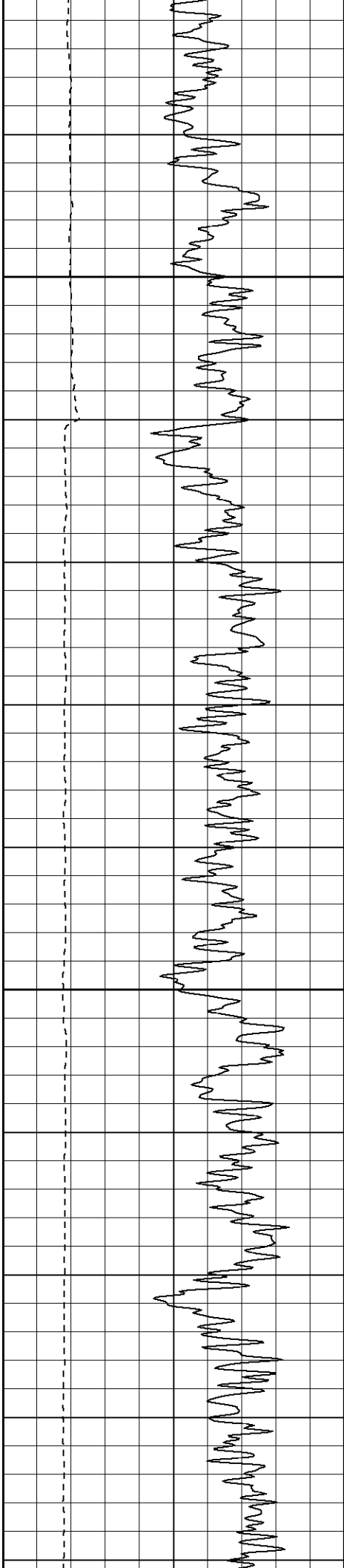




1950

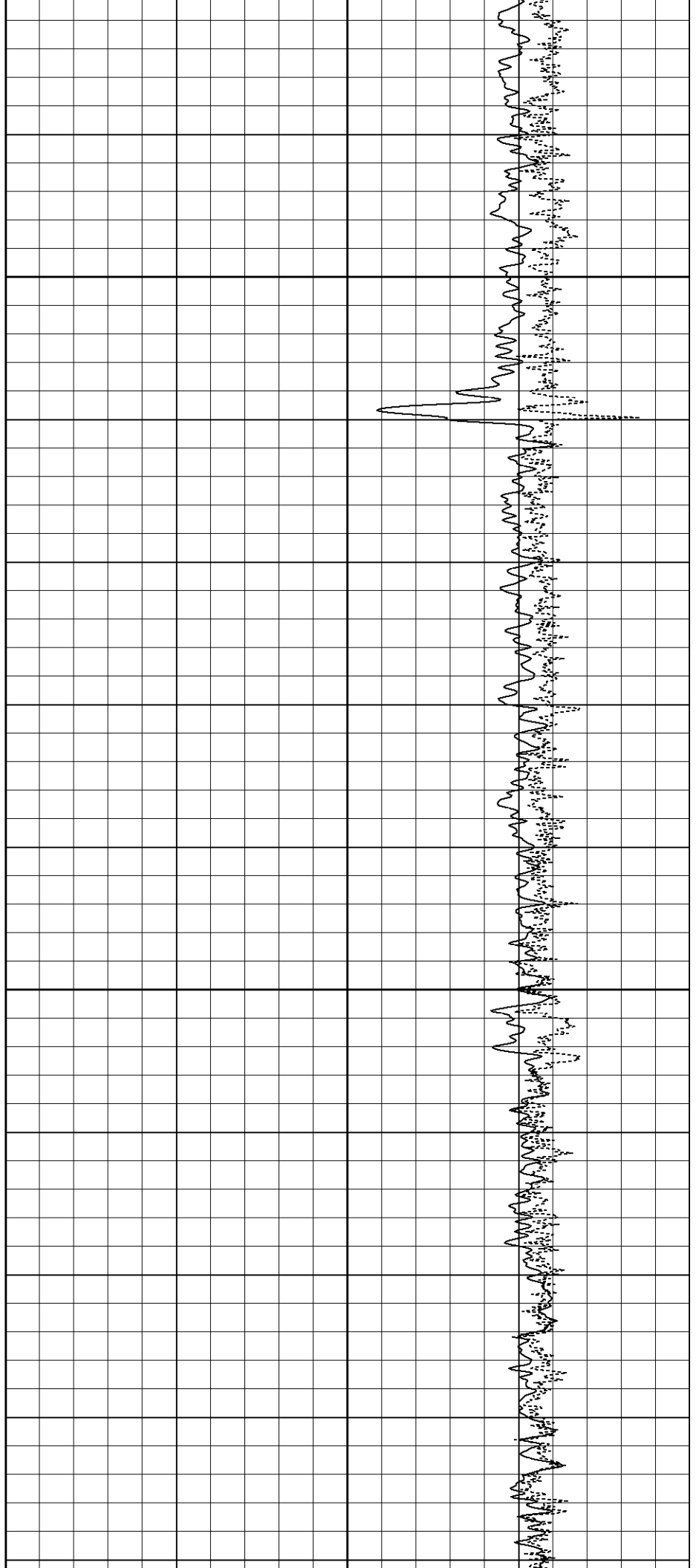
2000

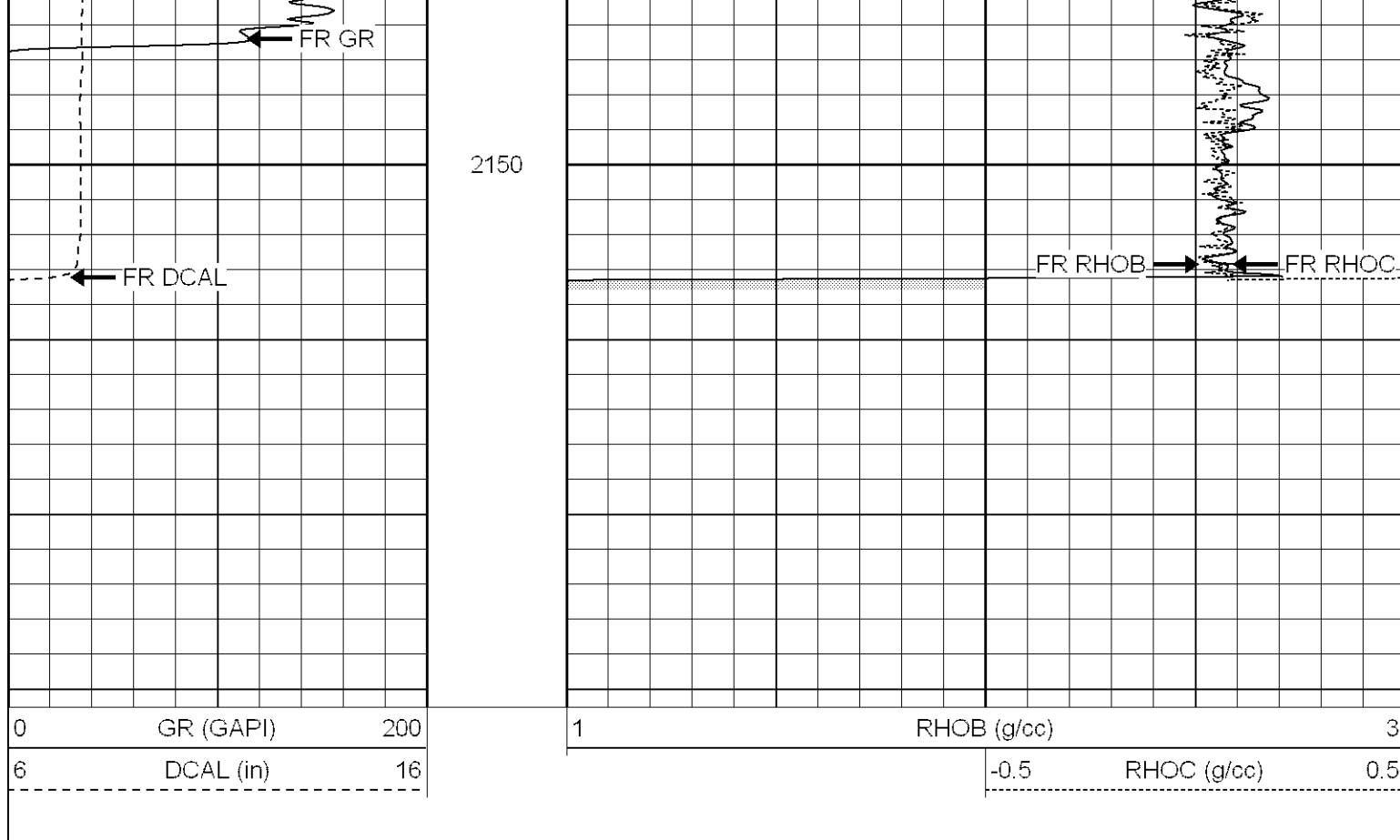




2050

2100





Dual Induction Calibration Report

Serial-Model: 5375-G
 Surface Cal Performed: Mon Feb 13 14:55:47 2006
 Downhole Cal Performed: Tue Feb 14 01:05:06 2006

Compensated Density Calibration Report

Serial-Model: 902-2.75POH
 Source / Verifier: /
 Master Calibration Performed: Thu Feb 02 11:11:37 2006

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	937.77	456.05	cps
Aluminum	2.590	g/cc	165.72	224.56	cps
Spine Angle = 67.77			Density/Spine Ratio = 0.470		
	Size		Reading		
Small Ring	8.68	in	2.31	V	
Large Ring	17.00	in	4.47	V	

Neutron Calibration Report

Serial Number: 802
 Tool Model: 2.75POH
 Performed: Thu Feb 16 09:30:49 2006

Calibrator Value: 1 NAPI

Calibrator Reading: 1 cps

Sensitivity:

1

NAPI/cps

Gamma Ray Calibration Report

Serial Number:

804

Tool Model:

2.75POH

Performed:

Thu Feb 09 14:37:22 2006

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.8100

GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CHD	39.37		None	0.75	1.50	5.00
GR	37.64		GR-2.75POH (804) Probe	3.73	2.75	43.00
NEU	32.10		NEU-2.75POH (802) Probe Epithermal	4.75	2.75	58.00
LSD	24.47		CDL-2.75POH (902) Probe	8.43	2.75	106.00
DCAL	24.19		Probe	0.89	3.50	20.00
SSD	23.95					
10pin	21.72					
CILD	10.60		DIL-G (5375) Gearhart	20.83	4.00	345.00
SP	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	/field/well/run1/_plots_/_jobs_/d
Total Length:	39.37 ft
Total Weight:	577.00 lb
O.D.	4.00 in