



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1167748  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1167748

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 11, 2013

HEATHER RILEY  
WPX Energy Production, LLC  
ONE WILLIAMS CENTER  
PO BOX 3102  
TULSA, OK 74101

Re: ACO1  
API 15-151-22414-00-00  
Schepmann 1-21 SWD  
NE/4 Sec.21-26S-12W  
Pratt County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
HEATHER RILEY

**Cementing Job Log**

Customer: WPX Energy, Inc.  
 Well Name: Schepmann #1-21 SWD  
 City: Iuka  
 State: Kansas  
 Contractor & rig#: Duke #20  
 Well Type: New development well  
 Sales person: Kevin Gordley  
 Pump truck#: 77686-19905

Customer Rep: Jimmy  
 API#:  
 County: Pratt  
 Legal Description: 21-26S-12W  
 Job Purpos Cement 13 3/8 conductor  
 Job Type: Cement 13 3/8 conductor  
 Cement Supervisor: Clarence Messick  
 Ticket #: 1718-08647 A

Activity:	Date/Time	Rate	Volume	Psi	Comments:
		BPM	bbl	psi	
On location	7/20/2013 9:00 AM				Time on location
Safety meeting	7/20/2013 9:15 AM				
Rig up	7/20/2013 9:30 AM				
PSI test	7/20/2013 10:00 AM			1000	Test pump & line to 1000psi
Pump spacer	7/20/2013 11:40 AM	5	5	125	Pump 5 bbl h2o to break circulation, then start mix
Pump cement	7/20/2013 11:41 AM	5	24.5	150	115 sk cement
Drop plug		0	0	0	No plug
Start displacement	7/20/2013 11:57 AM	5	0	150	
Finish displaceent	7/20/2013 12:00 PM	2	17	200	
Comments	7/20/2013 12:01 PM	Release psi- float shoe held			

Circulate 5 bbl cement to pit.



## Cement Job Summary

Customer: WPX Energy, Inc.                      Customer Rep:                      Jimmy  
Well Name Schepmann 1-21 SWD                      API#:  
City:                      Iuka                      County:                      Pratt  
State:                      Kansas                      Legal description:                      21-26S-12W  
Contractor Duke #21                      Job Type: Cement 13 3/8 conductor  
Well type: New development                      Sales person:                      Kevin Gordley  
Cement supervisor: Clarence Messick                      Pump truck #:                      77686-19905

### Job Personnel & Equipment

Clarence Messick in pickup 37216  
Mike McGraw in pump truck 77686-19905  
Jesse Pierson in bulk truck 19831-19862

### Well Data:

17 1/2" open hole to 128'  
13 3/8" 54.5# conductor casing to 124'

### Float Equipment Ticket # 1718-08646 A

2- 13 3/8" x 17 1/2" bow spring centralizers  
2- 13 3/8" cement baskets

### Cement Data:

115 sacks class A regular cement or Type I/II  
2% Calcium Chloride- Pellets 80 lb  
1/2 #/sk cellflake- 3/8" flakes

### PSI/VOLUMES/RATES

115sacks cement volume of 24.5 bbl.  
Displacement to 110' of 13 3/8" 54.5# casing is 17 bbl.  
Differential psi at 107' is 41.6 psi.  
Average pump rate thru job is 5 BPM.

## Cementing Job Log

Customer: WPX Energy, Inc.  
 Well Name: Schepmann #1-21 SWD  
 City: Iuka  
 State: Kansas  
 Contractor & rig#: Duke #20  
 Well Type: New development well  
 Sales person: Kevin Gordley  
 Pump truck#: 77686-19905

Customer Rep: Jimmy  
 API#:  
 County: Pratt  
 Legal Description: 21-26S-12W  
 Job Purpos Cement 9 5/8 surface  
 Job Type: Cement 9 5/8 surface  
 Cement Supervisor: Robert Sullivan  
 Ticket #: 1718-08392 A

Activity:	Date/Time	Rate	Volume	Psi	Comments:
		BPM	bbl	psi	
On location	7/21/2013 11:20 PM				Time on location
Safety meeting	7/22/2013 1:00 AM				
Rig up	7/22/2013 1:30 AM				
PSI test	7/22/2013 7:30 AM			1000	Test pump & line to 1000psi
Pump spacer	7/22/2013 8:05 AM	5	5	200	Pump 5 bbl h2o to break circulation, then start mix
Pump cement	7/22/2013 8:06 AM	5	74	200	
Drop plug	7/22/2013 8:35 AM	0	0	0	250 sk A Serv Lite 175 sk Common
	7/22/2013 8:36 AM				
Start displacement	7/22/2013 8:50 AM	5	0	0	
Plug Down	7/22/2013 8:50 AM	3.5	71	800	
Comments	7/22/2013 9:00 AM				Release psi- float shoe held

Circulate 20 bbl cement to pit.

**Cement Job Summary**

Customer: WPX Energy, Inc.                      Customer Rep:                      Jimmy  
Well Name Schepmann 1-21 SWD                      API#:  
City:                      luka                      County:                      Pratt  
State:                      Kansas                      Legal description:                      21-26S-12W  
Contractor Duke #21                      Job Type: Cement 9 5/8 surface  
Well type: New development                      Sales person:                      Kevin Gordley  
Cement supervisor: Robert Sullivan                      Pump truck #:                      77686-19905

**Job Personnel & Equipment**

Robert Sullivan in pickup 37900  
Mike McGraw in pump truck 77686-19905  
Jesse Pierson in bulk truck 19831-19862  
Dale Phye in bulk truck 70959-19918

**Well Data:**

12 1/4" open hole to 965'  
9 5/8" 36# casing to 956'

**Float Equipment Ticket # 1718-08393 A**

1- 9 5/8" top rubber plug  
4- 9 5/8" stop rings  
7- 9 5/8" x 12 1/4" bow spring centralizers  
2- 9 5/8" baskets

**Cement Data:**

250 sacks A Serv Lite- 65% class A or Type I/II/ 35% Pozmix  
3% Calcium Chloride- Pellets 80 lb  
1/2 #/sk cellflake- 3/8" flakes  
6% gel- Bentonite 100 lb  
Fresh H2o  
Density- 13.3 lb/gal, 1.66 cft/sk, 8.39 gallon h2o/sk  
175 sacks Common cement- Class A regular or Type I/II  
2% calcium Chloride- Pellets 80 lb  
1/2 #/sk Cellflake- 3/8" flakes  
Fresh H2o  
Density- 15.6 lb/gal, 1.20 cft/sk, 5.2 gallon h2o/sk

**PSI/VOLUMES/RATES**

425 sacks cement volume of 111.5 bbl.  
Displacement to 916' of 9 5/8" 36" casing is 70.8 bbl  
Differential psi to 916' is 275 psi.  
Average pump rate thru job is 5 BPM.



**Cementing Job Log**

Customer: WPX Energy, Inc.  
 Well Name: Schepmann #1-21 SWD  
 City: Iuka  
 State: Kansas  
 Contractor & rig#: Duke #20  
 Well Type: New development well  
 Sales person: Kevin Gordley  
 Pump truck#: 33708-20920

Customer Rep: Jimmy  
 API#:   
 County: Pratt  
 Legal Description: 21-26S-12W  
 Job Purpose: Cement 7" longstring  
 Job Type: Cement 7" longstring  
 Cement Supervisor: Clarence Messick  
 Ticket #: 1718-08803 A

Activity:	Date/Time	Rate BPM	Volume bbl	Psi psi	Comments:
On location	7/31/2013 2:30 AM				Time on location
Safety meeting	7/31/2013 2:45 AM				
Rig up	7/31/2013 8:00 AM				
PSI test	7/31/2013 8:55 AM			2500	Test pump & line to 2500 psi
Pump spacer	7/31/2013 8:57 AM	6	18	300	Pump 3 bbl h2o, 12 bbl Mudflush, 3 bbl h2o, start mix
Pump cement	7/31/2013 9:12 AM	6	194	200	500 sk A Serv Lite
		6	89	200	350 sk AA2
Drop plug	7/31/2013 9:51 AM				
Start displacement	7/31/2013 9:52 AM	7	0	0	
Plug Down	7/31/2013 10:30 AM	3.5	174	1800	Plug did not land, shut down 1/2 bbl over displacement
Comments	7/31/2013 10:35 AM	Release psi- float shoe held			

Good circulation thru job, did not circulate cement

**Cement Job Summary**

Customer: WPX Energy, Inc.                      Customer Rep: Jimmy  
Well Name Schepmann 1-21 SWD                API#:  
City: luka    County: Pratt  
State: Kansas                                        Legal description: 21-26S-12W  
Contractor Duke #21                              Job Type: Cement 7" longstring  
Well type: New development                  Sales person: Kevin Gordley  
Cement supervisor: Clarence Messick        Pump truck #: 33708-20920

**Job Personnel & Equipment**

Clarence Messick in pickup 37216  
Joe Melson in pump truck 33708-20920  
om Mehlhorn in bulk truck 19960-21010  
Dale Phye in bulk truck 70959-19918  
Andrew Jones in bulk truck 19903-73768

**Well Data:**

8 3/4" open hole to 4469'  
7" 23# casing to 4468'

**Float Equipment Ticket # 1718-08877 A**

- 1- 7" top rubber plug
- 2- 7" stop rings
- 4- 7" x 8 1/2" bow spring centralizers
- 2- 7" baskets

**Cement Data:**

500 sacks A Serv Lite- 65% class A or Type I/II/ 35% Pozmix  
6% gel- Bentonite 100 lb  
1/2 #/sk cellflake- 3/8" flakes  
.25% defoamer- powder 50 lb  
18% salt- fine 50 lb  
Fresh h2o  
Density- 12.6 lb/gal, 2.18 cft/sk, 12.41 gallon h2o/sk  
350 sacks AA2 cement- Class A regular or Type I/II  
1/2 #/sk Cellflake- 3/8" flakes  
5 #/sk gilsonite- granular 50 lb  
10% salt- fine 50 lb  
5% gypsum- powder Cal seal W60  
.25% defoamer- powder 50 lb  
.3% cfr- powder 55 lb  
.5% fla-322 low fluid loss- powder 55 lb  
Fresh h2o  
Density- 15.0 lb/gal, 1.43 cft/sk, 6.0 gallon h2o/sk

**PSI/VOLUMES/RATES**

850 sacks cement volume of 283 bbl.  
Displacement of 4426' of 7" 23# casing is 174 bbl.  
Differential psi to 4426' is 1289 psi  
Average pump rate thru job is 6 BPM.





Pioneer Energy Services

Sonic Cement  
Bond Log

API No.

Company WPX Energy

Well Schepmann No.1-21 SWD

Field

County Pratt

State Kansas

Location

Other Services  
Gauge Ring  
Junk basket

Sec: 21 Twp: 26S Rge: 12W

Elevation

Permanent Datum Ground Level Elevation  
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B.  
D.F.  
G.L.

Run Number One

Date Survey 10/21/2013

Date Cementing N/A

Type Cementing Operation Primary

Depth Driller 5300

Depth Logger 4400

Logged Interval 4400 to 1500

Casing Driller 7 @ 4458 @

Float Collar -- D.V. Tool // // //

Squeeze Depth // // //

Amount & Type Cement // // //

Amount & Type Admix // // //

Type Fluid In Hole Water

Fluid Level 750

Salinity PPM CL // // //

Weight lb/gal -- Vis. // // //

Approx. Logged Cement Top 1710

Calculated Cement Top // // //

Max. Hole Temperature 120

Tool No. RBT1-1

Spacing Recorded 3-5

Equipment -- Location 106 Pratt

Recorded By S. Chesney

Witnessed By Bobby Ward

<<< 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

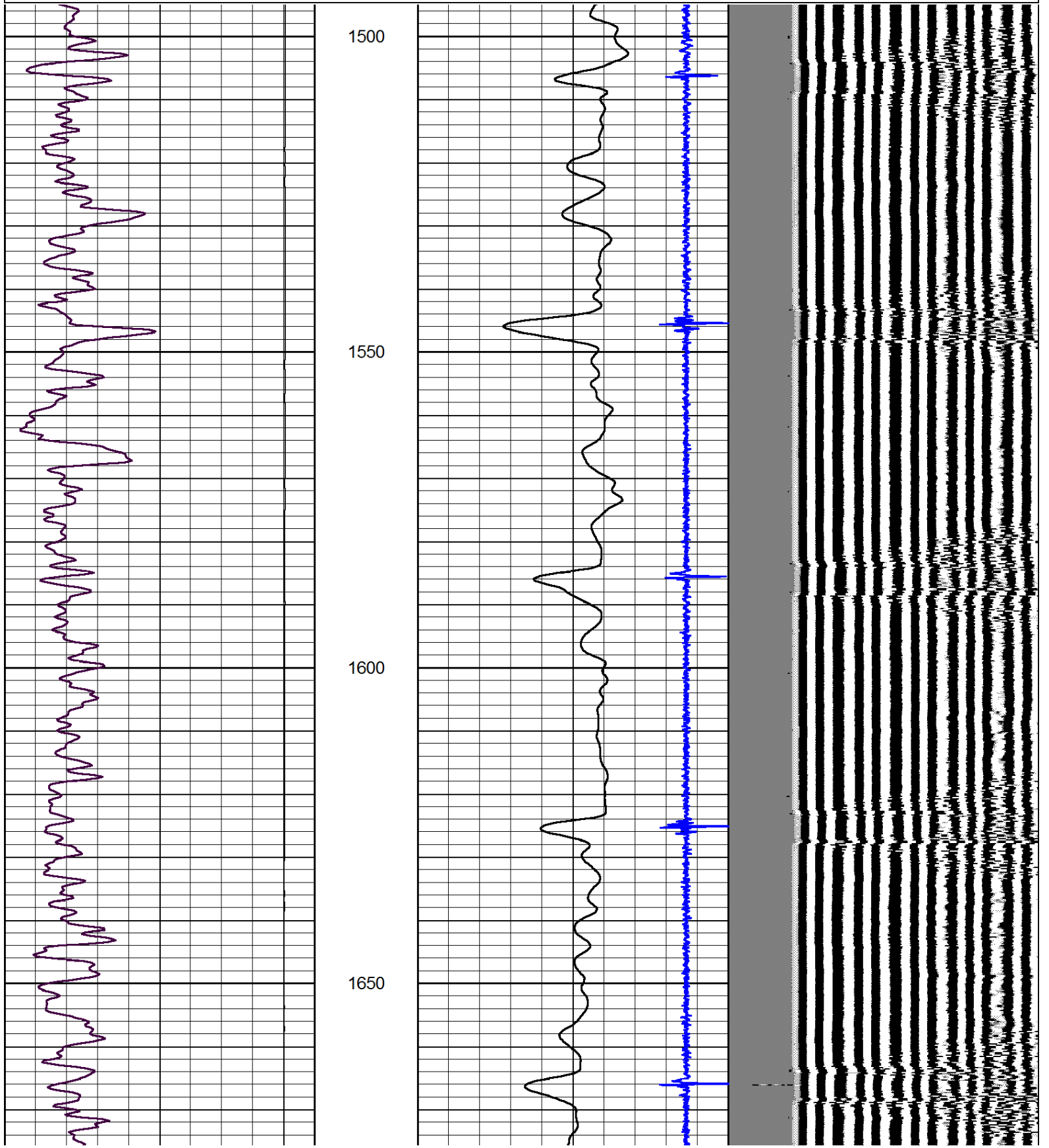
Thank you for using Pioneer Energy Services  
(620) 672-8300

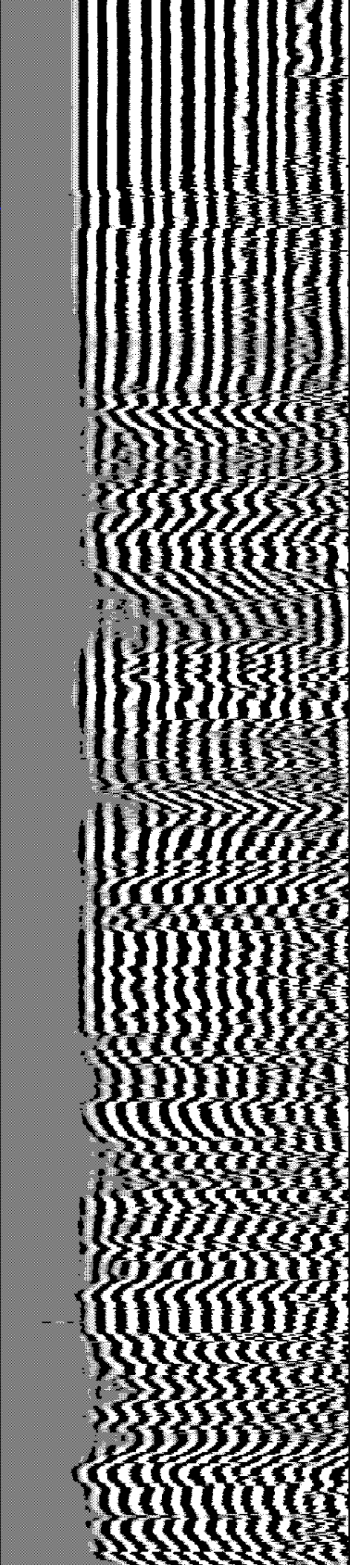
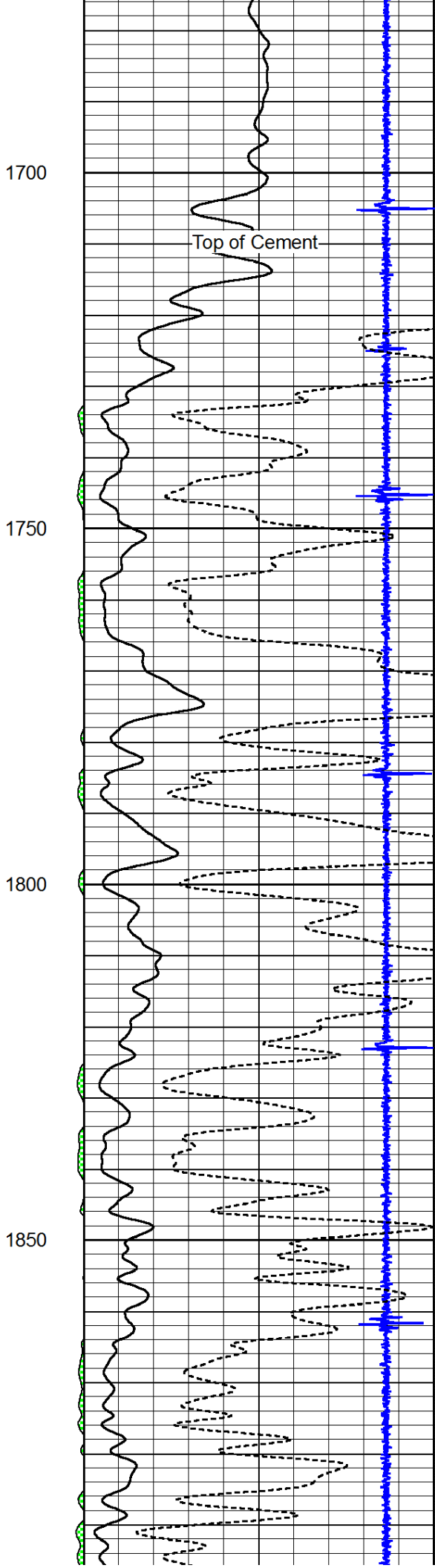
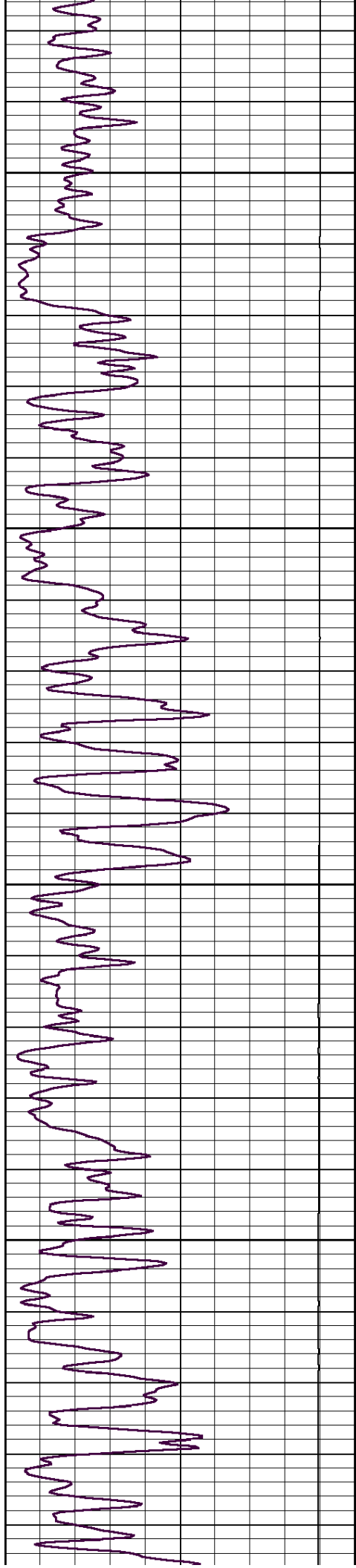


Main Pass

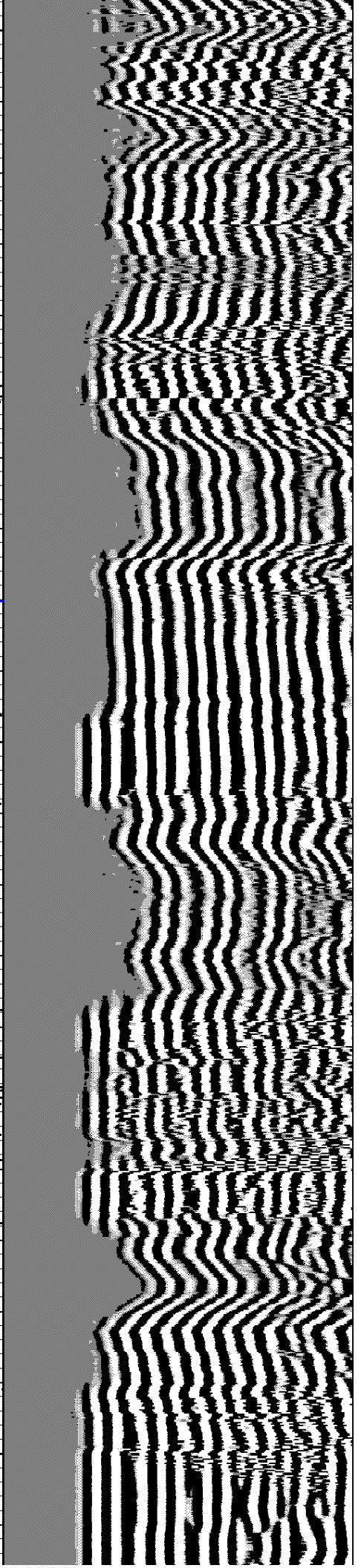
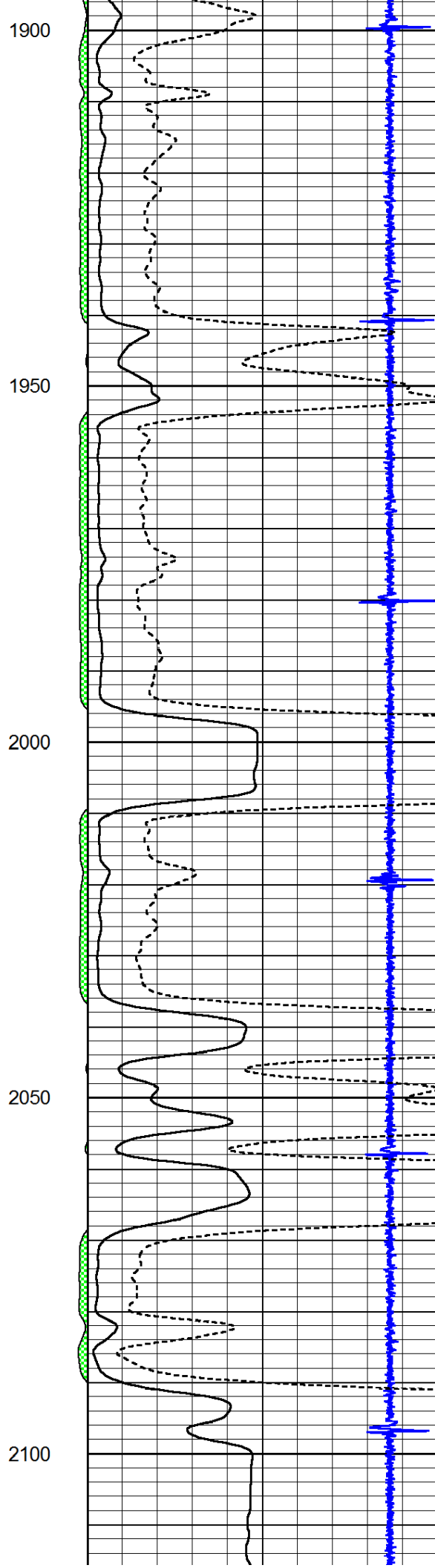
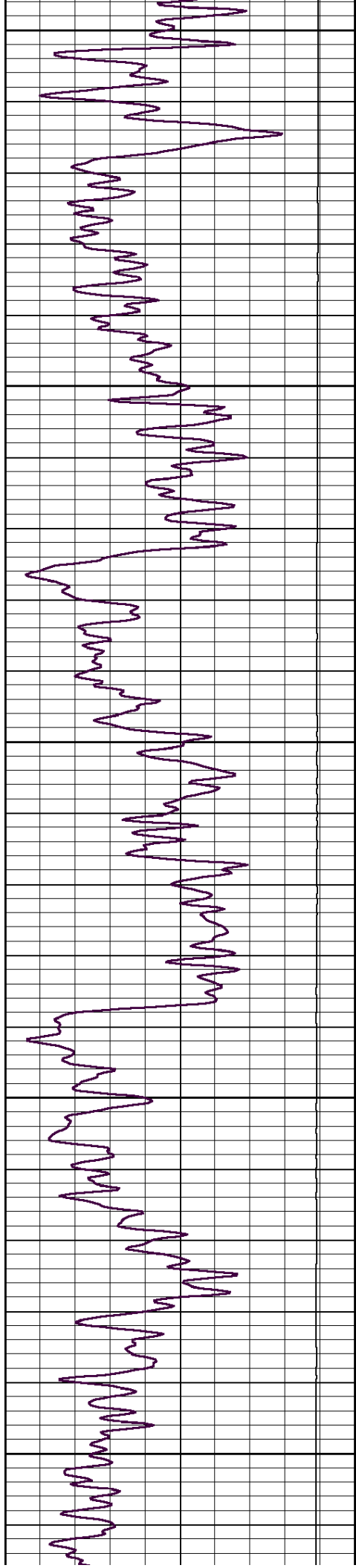
Database File: wpx-schepmann-1-21-swd.db  
 Dataset Pathname: grcbl/pass11  
 Presentation Format: cblcr  
 Dataset Creation: Mon Oct 21 11:57:46 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

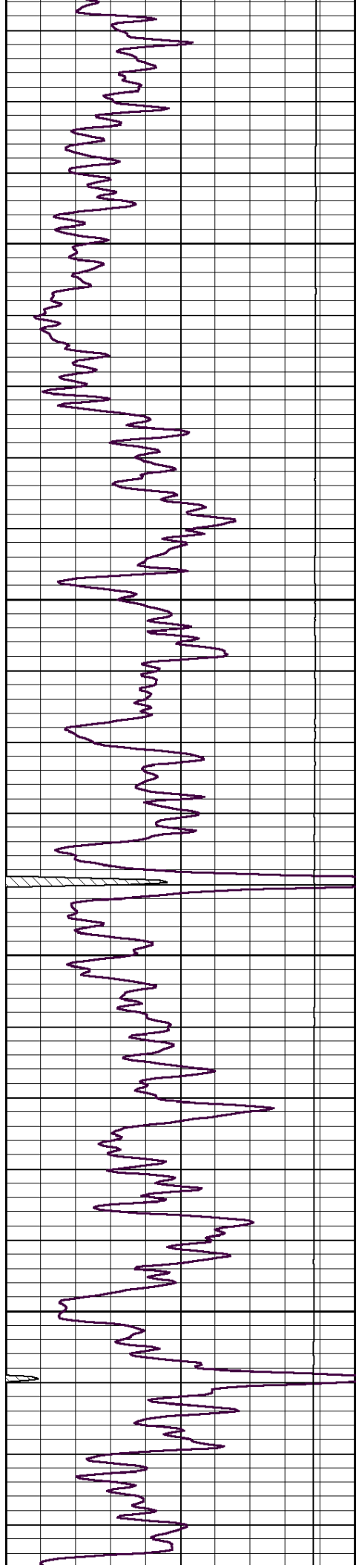
0	Gamma Ray	150	amp3ft	32	Casing Collars	-5	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100	10	Pipe Amplitude (mV)	20			









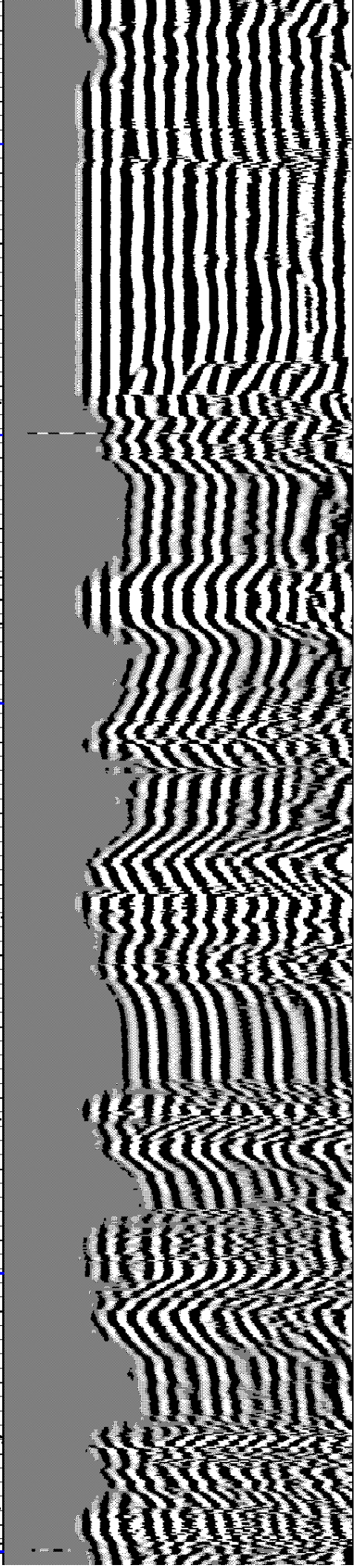
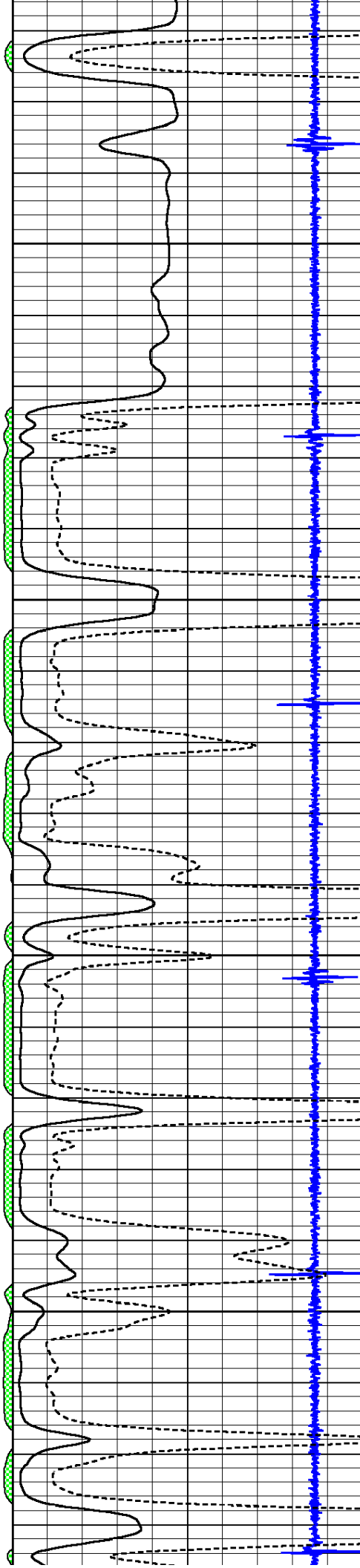


2150

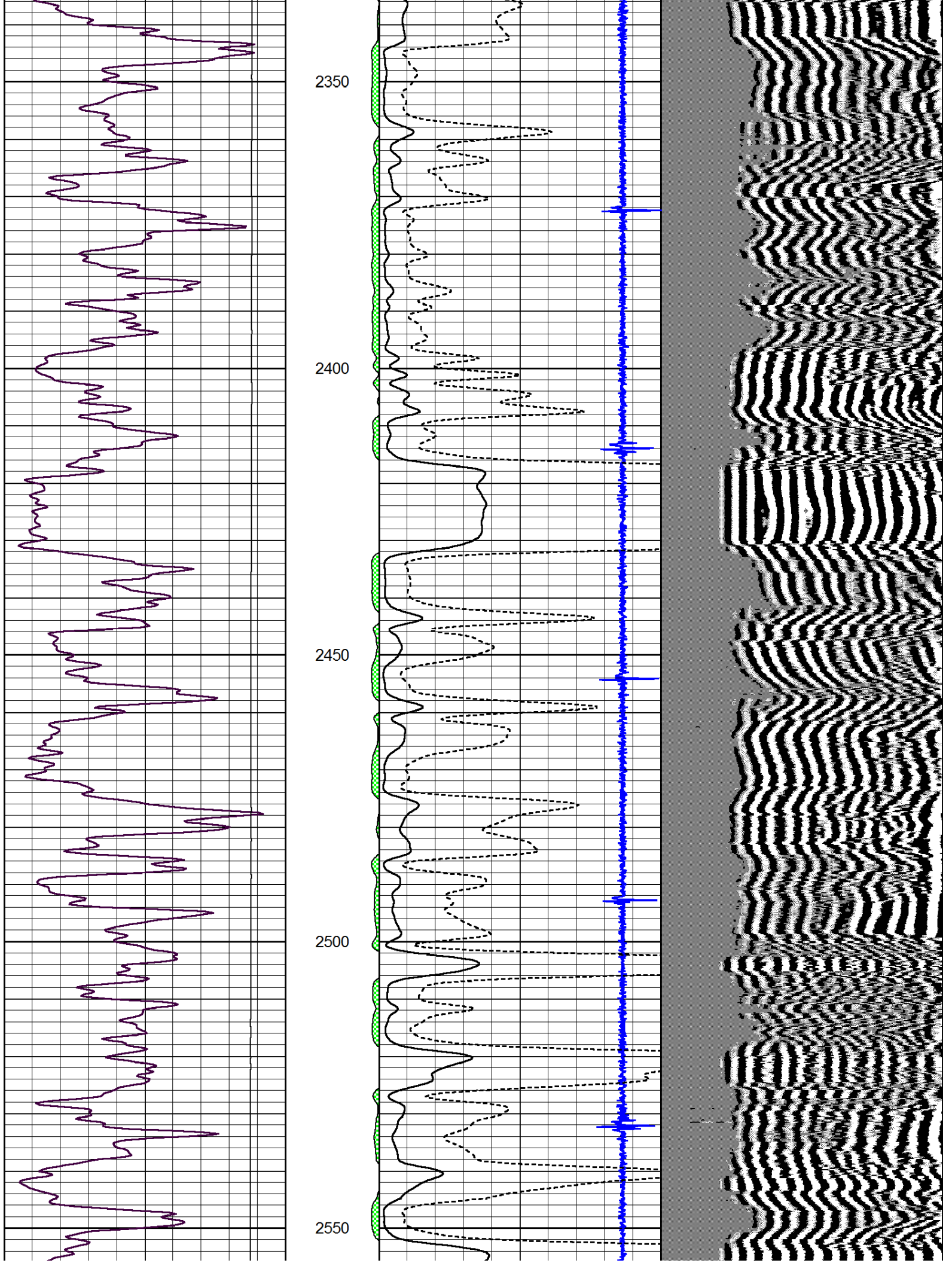
2200

2250

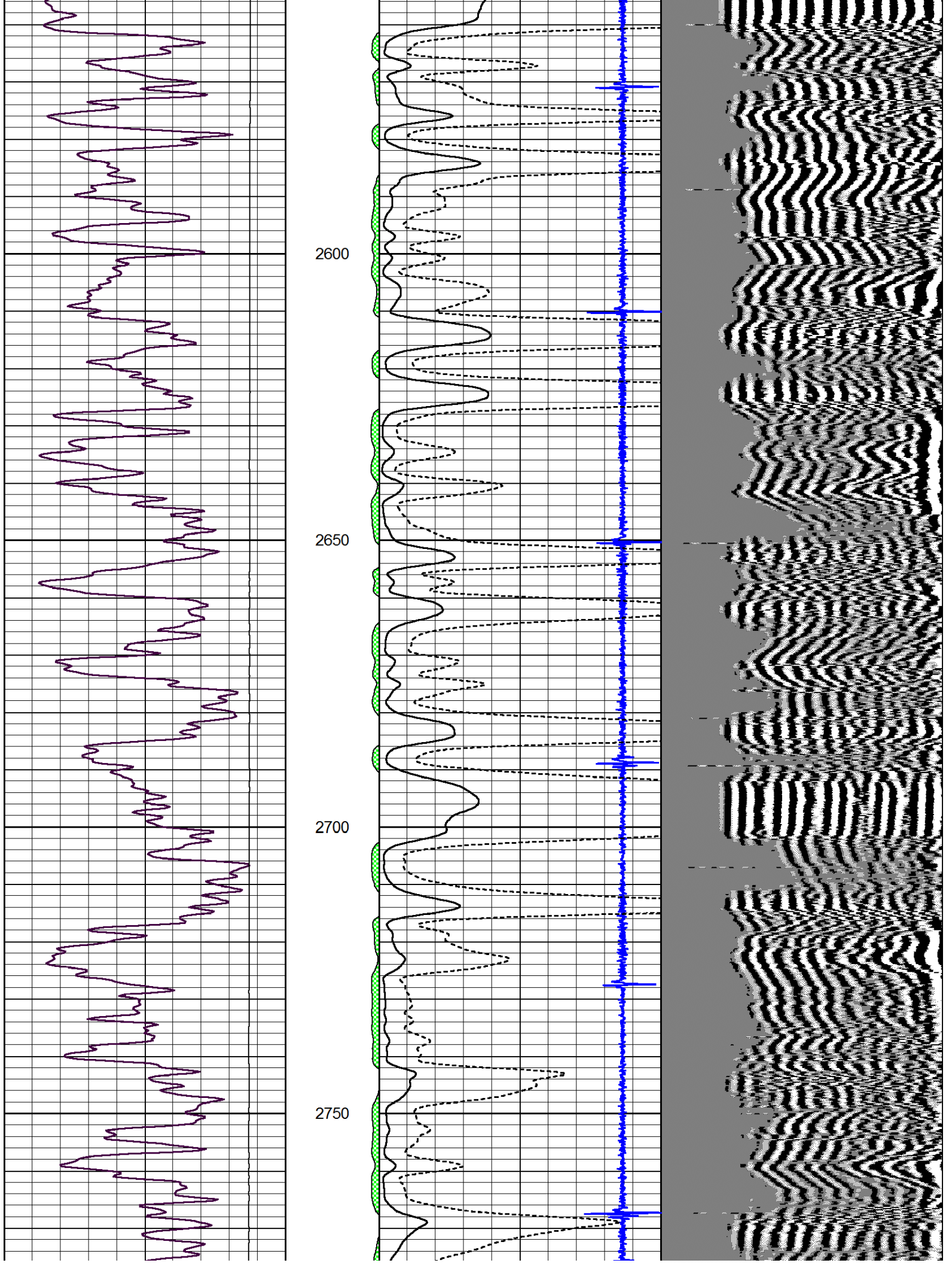
2300



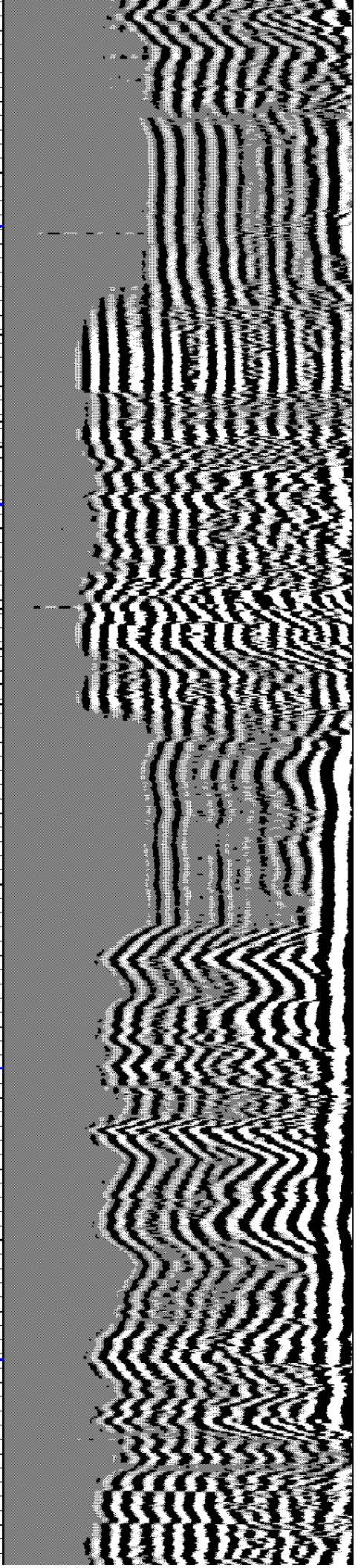
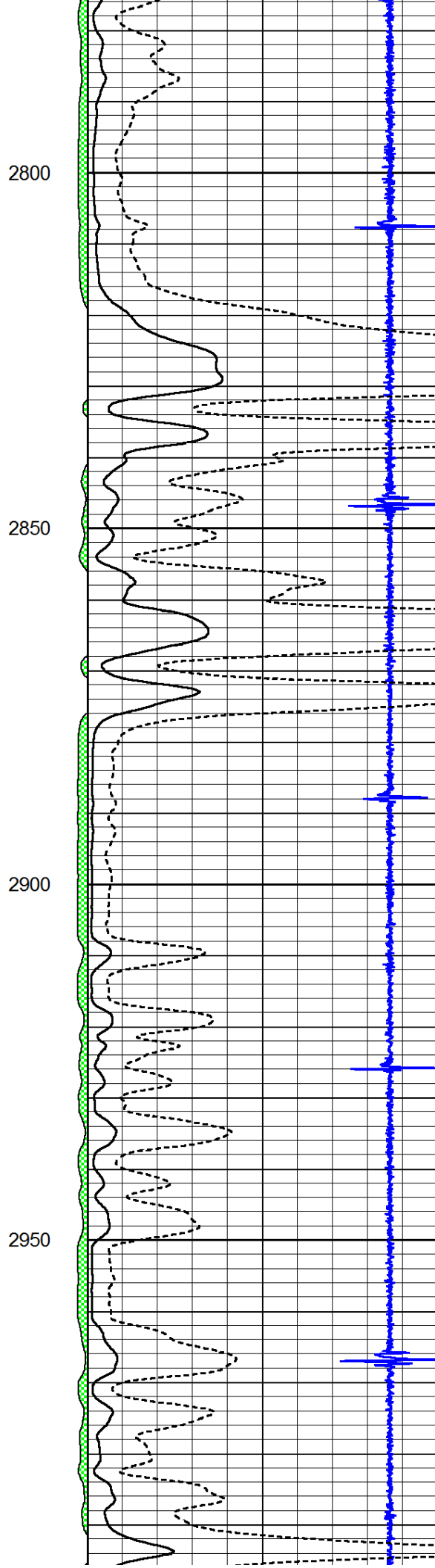
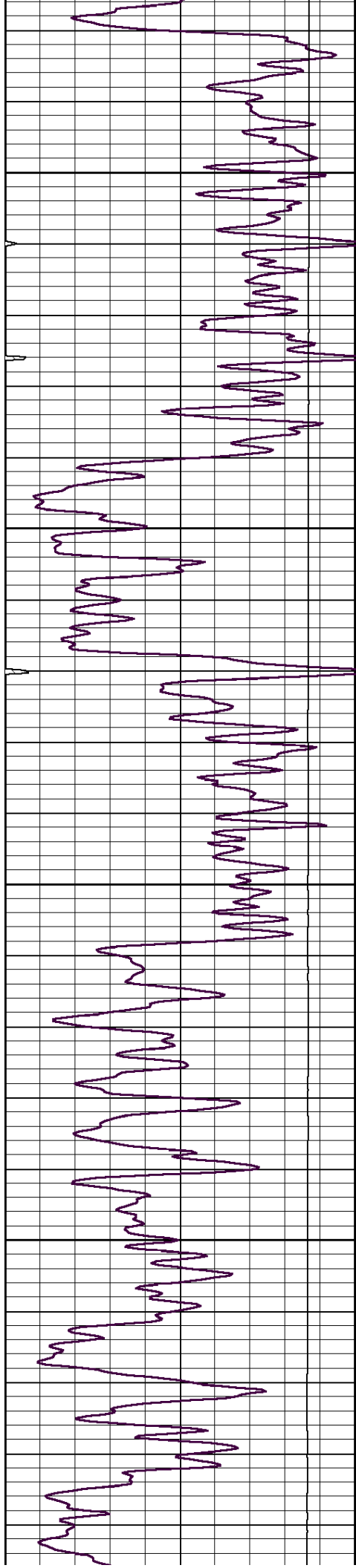




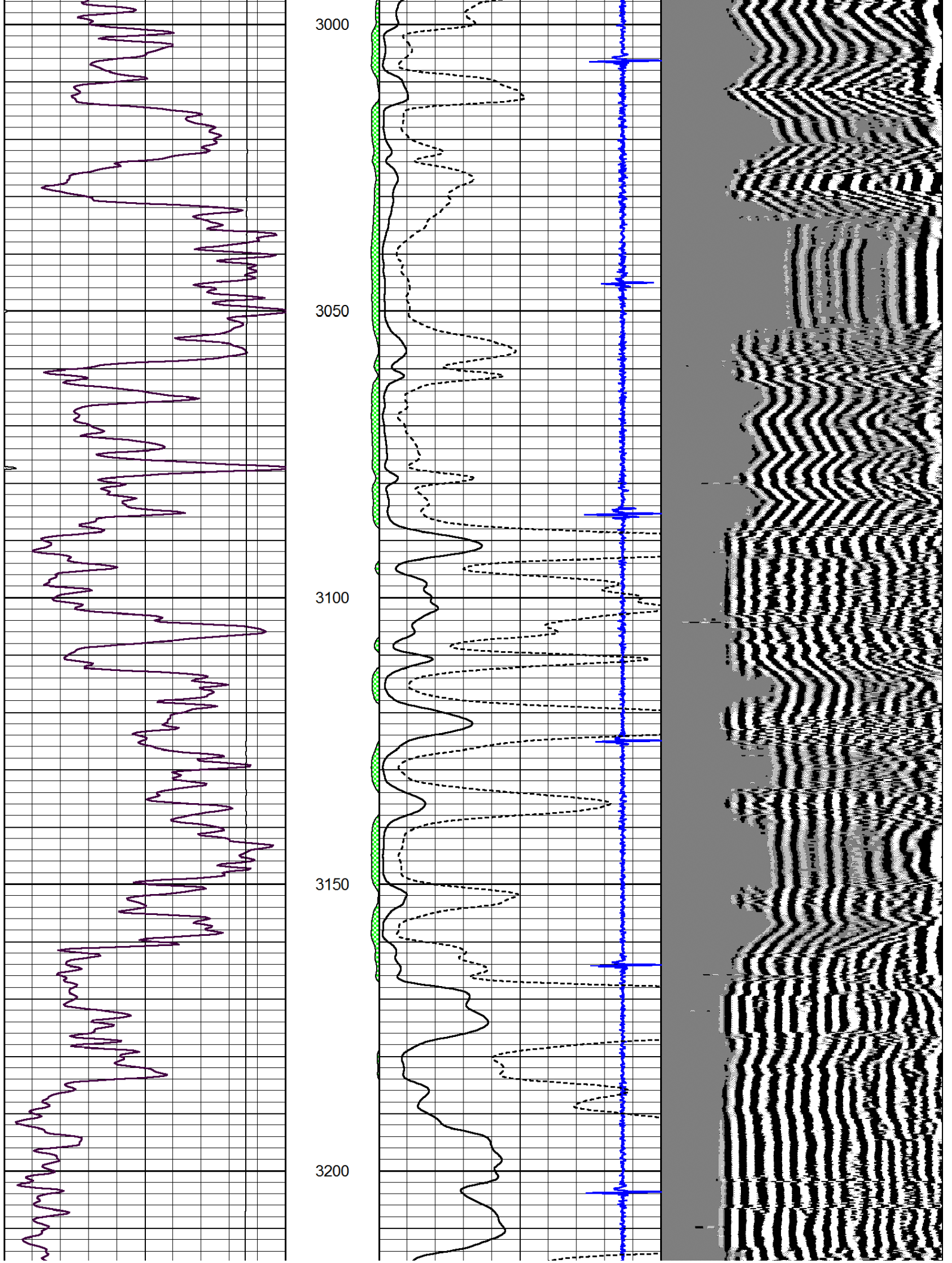


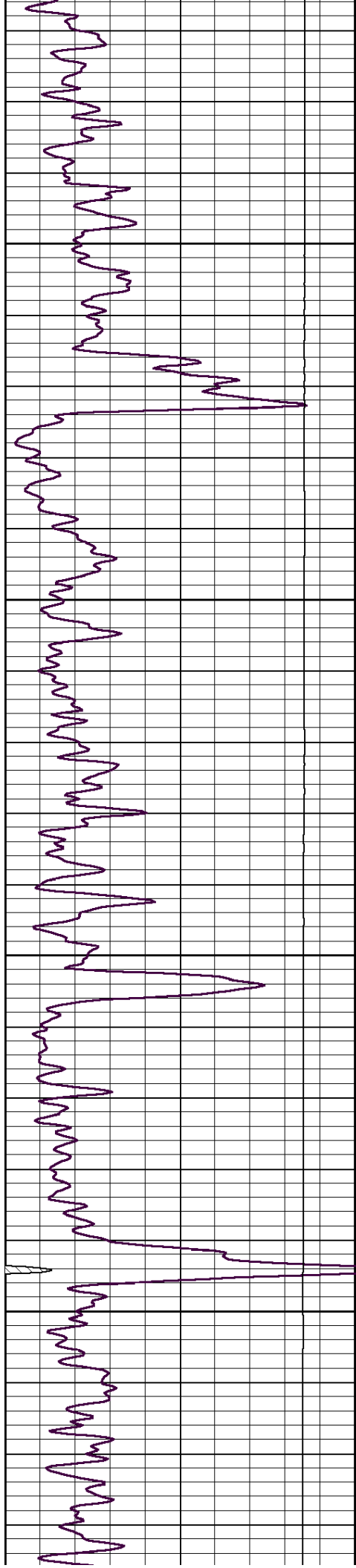










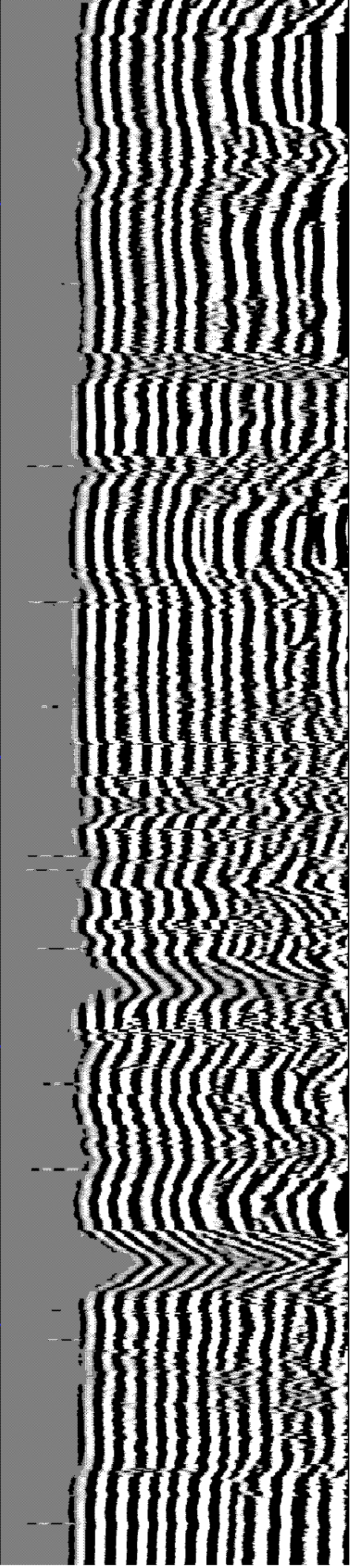
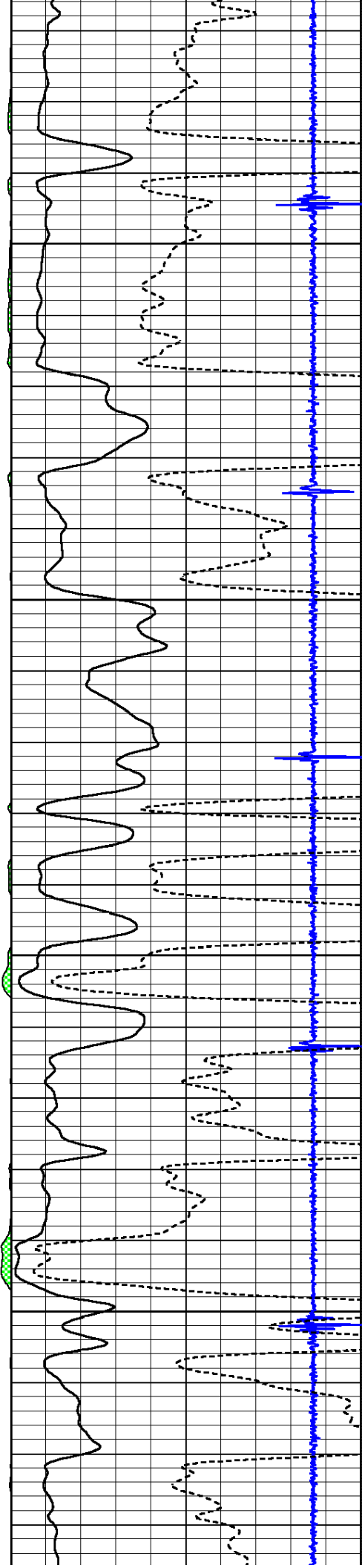


3250

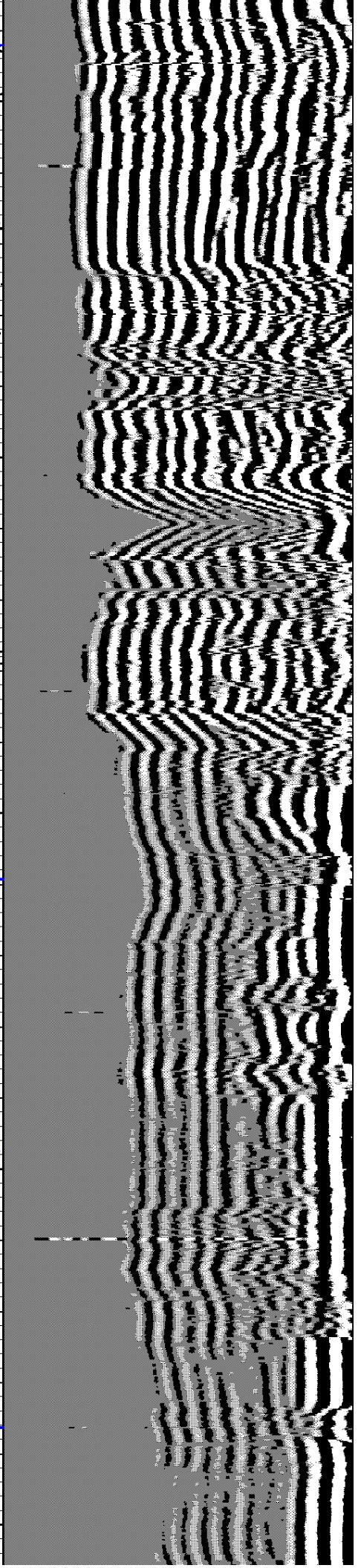
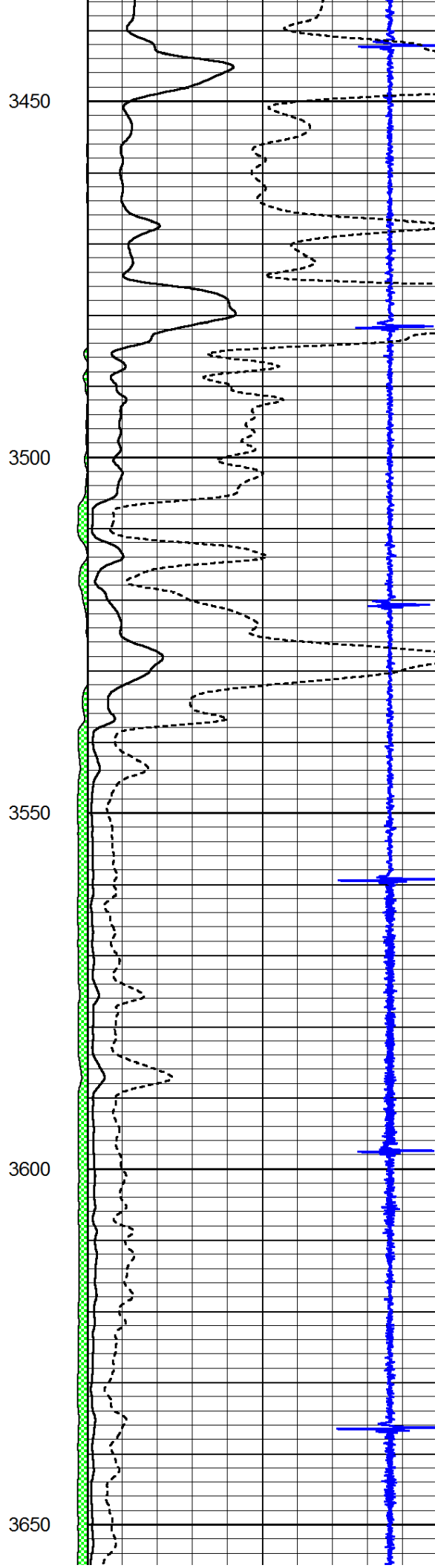
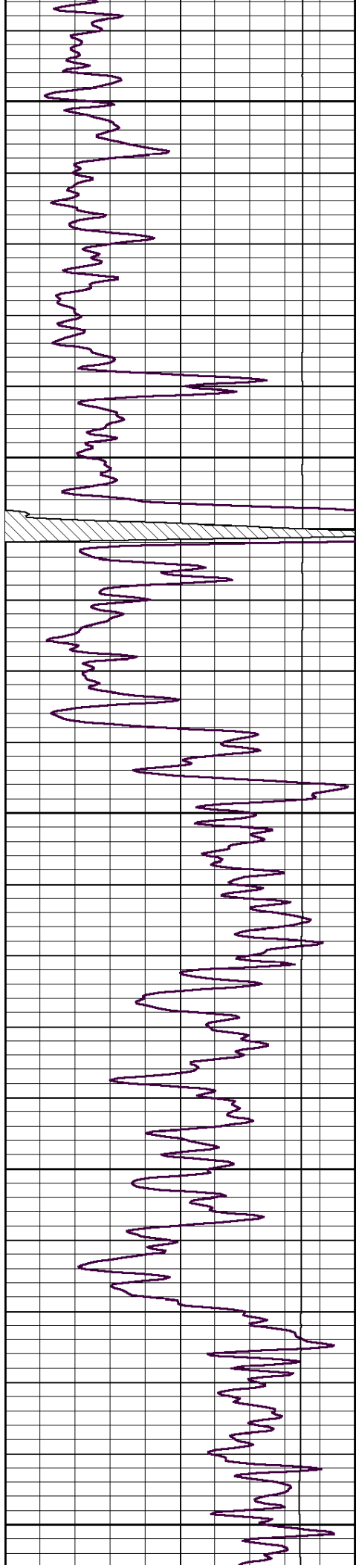
3300

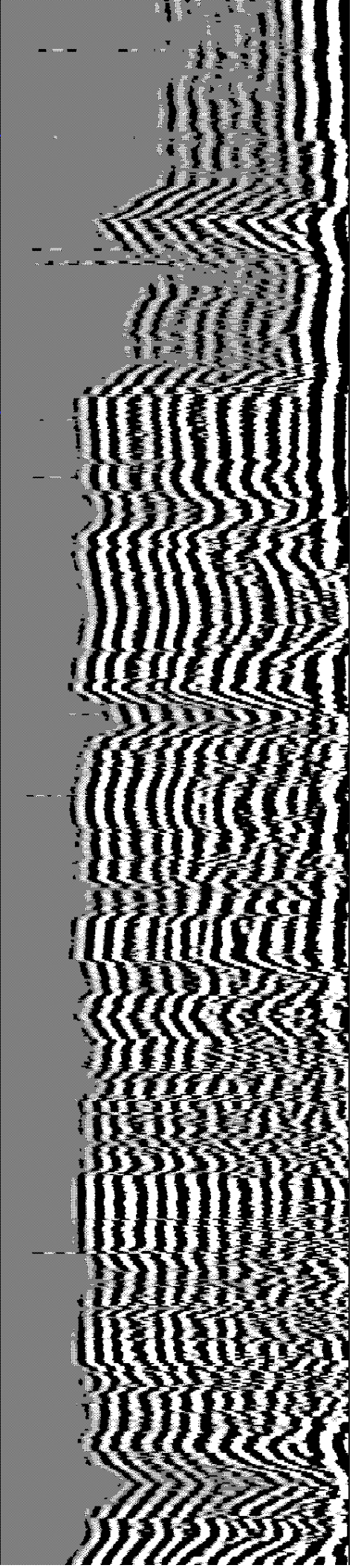
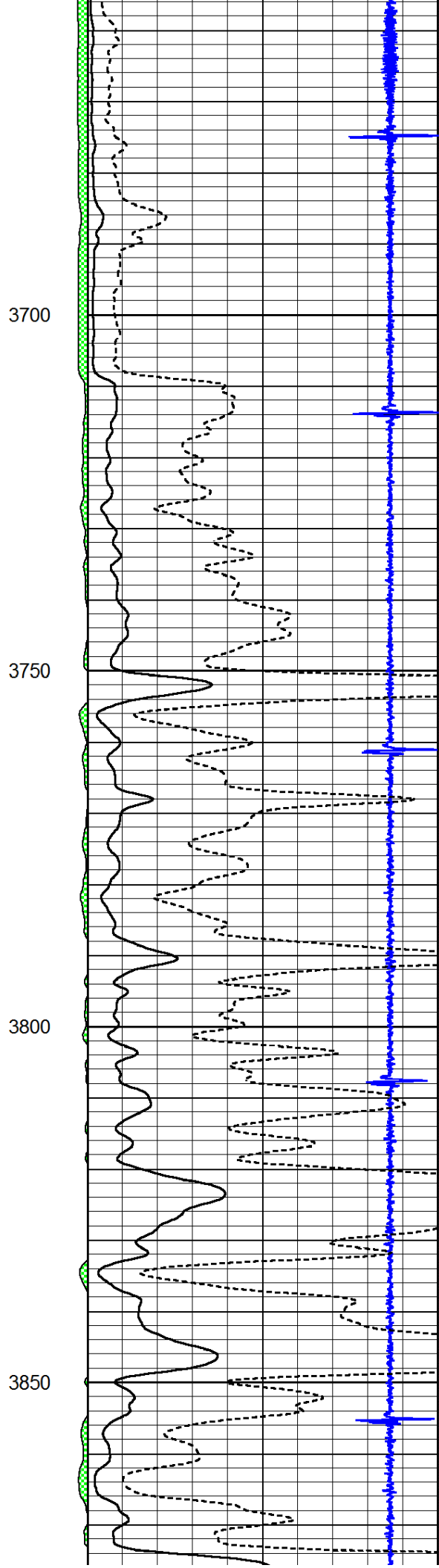
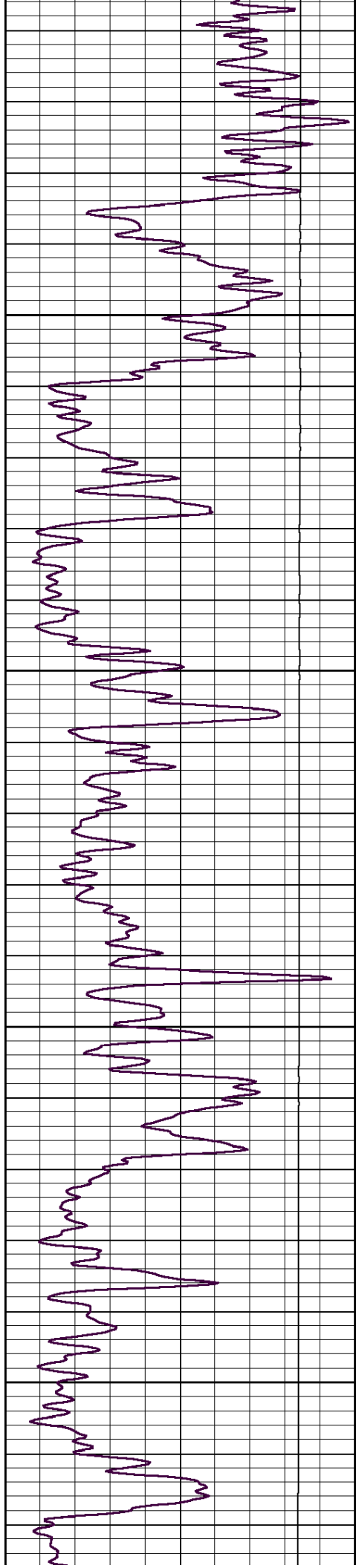
3350

3400

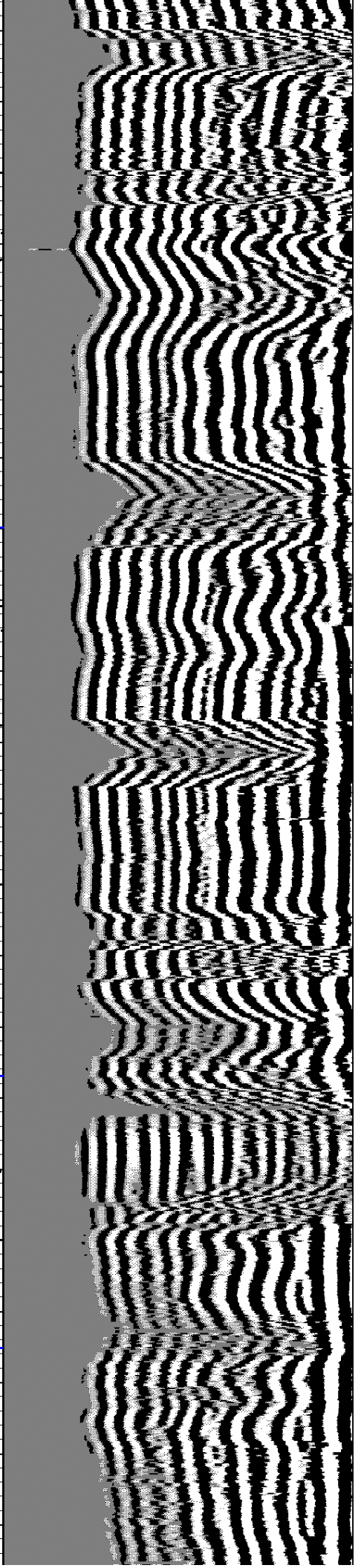
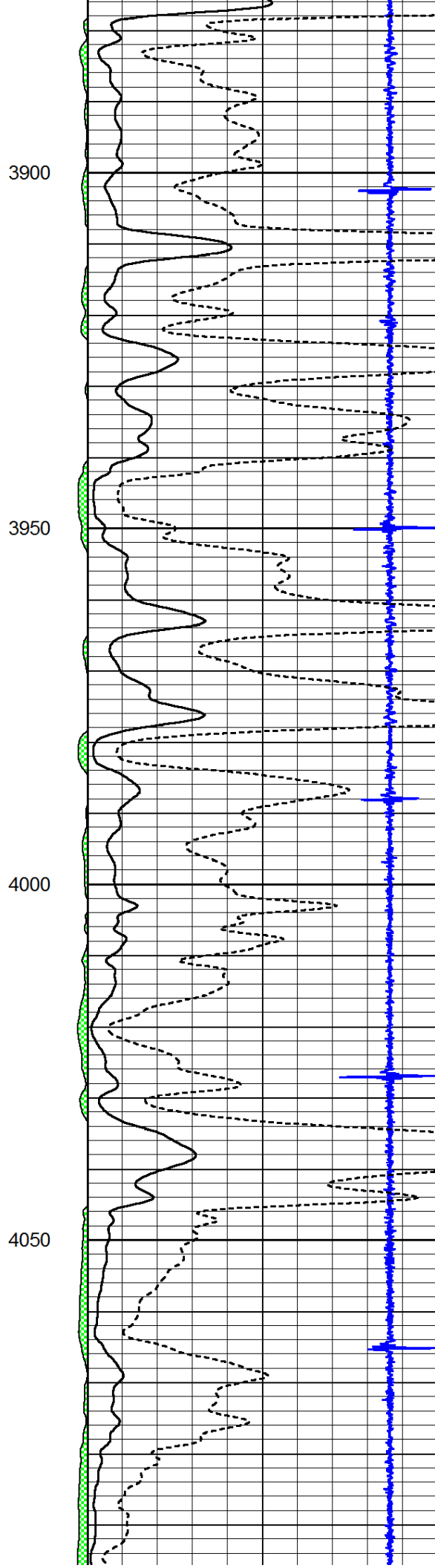
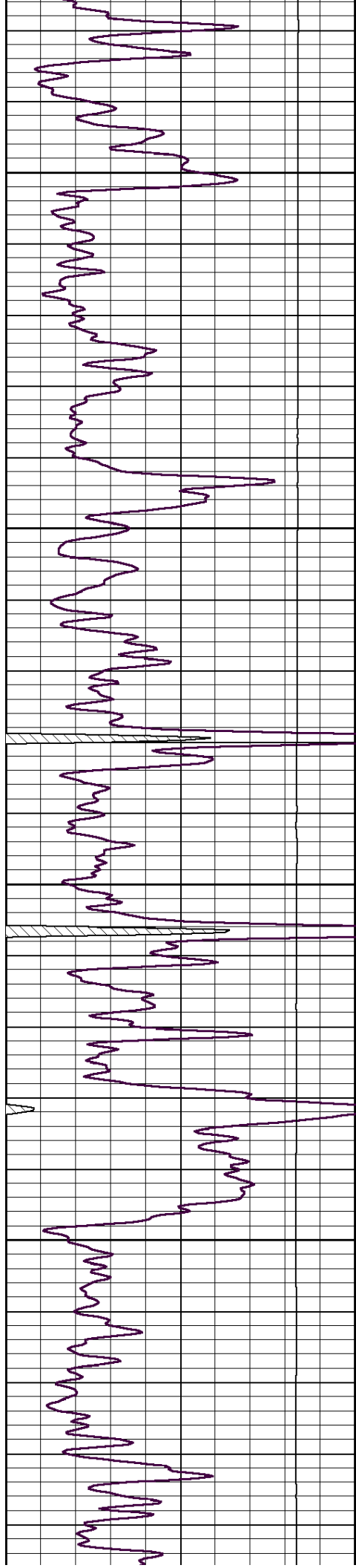


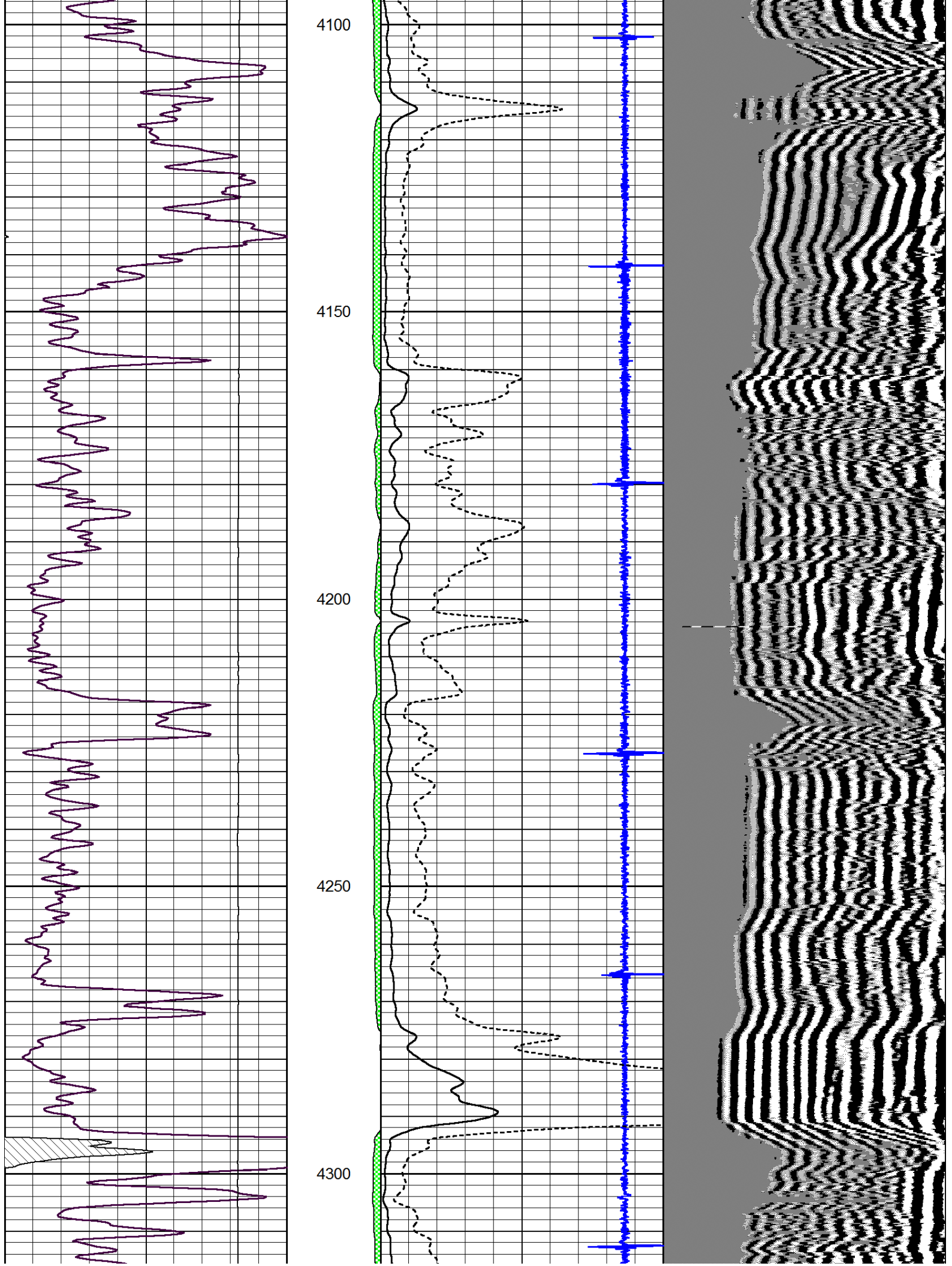




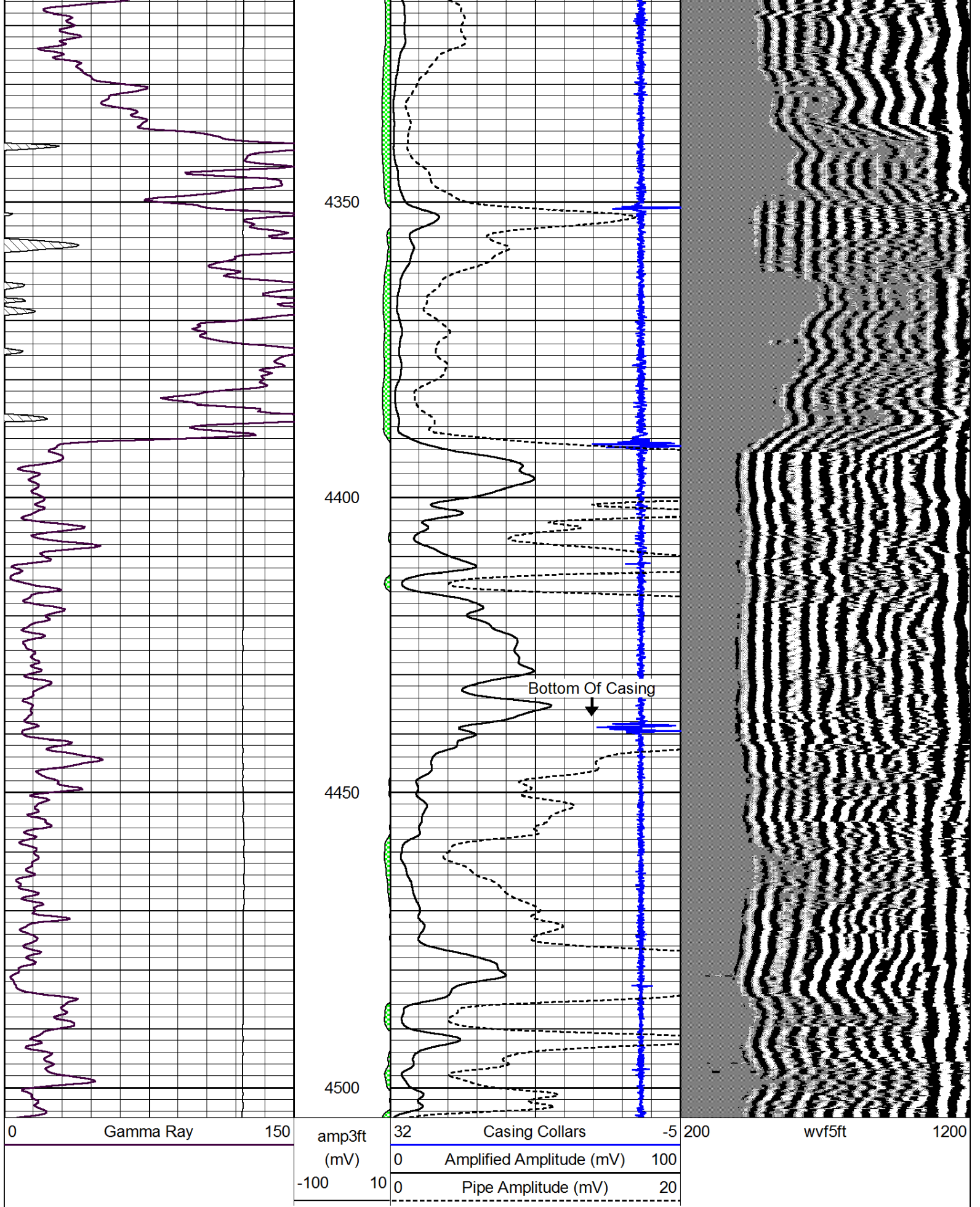










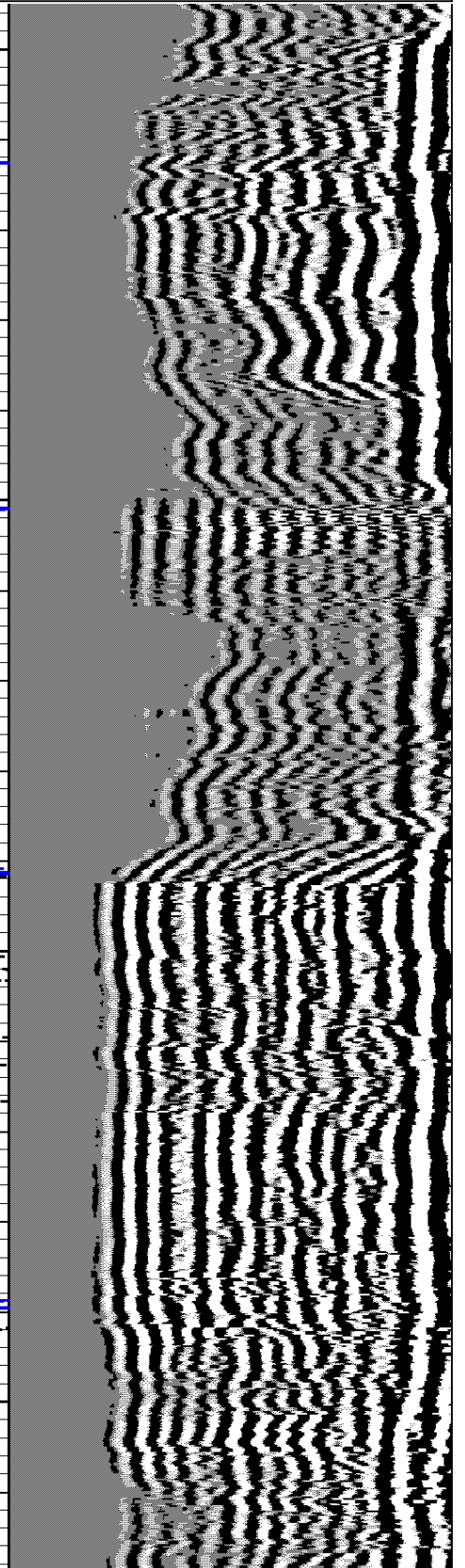
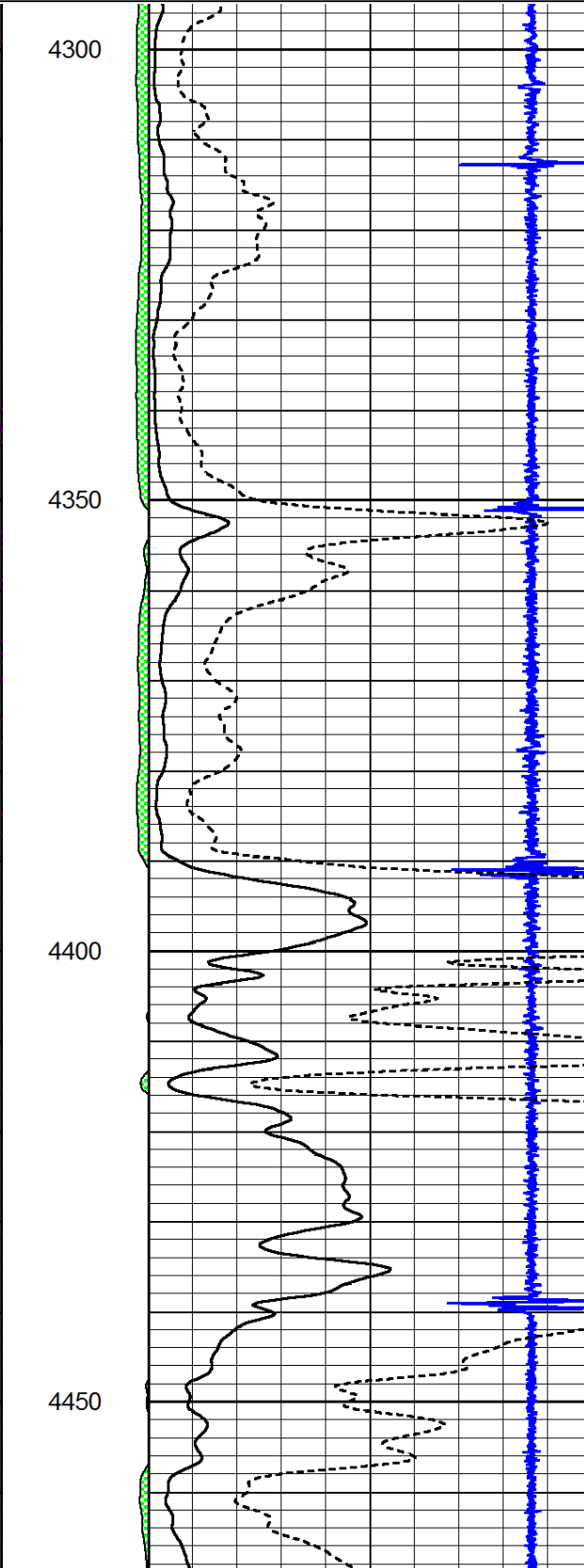
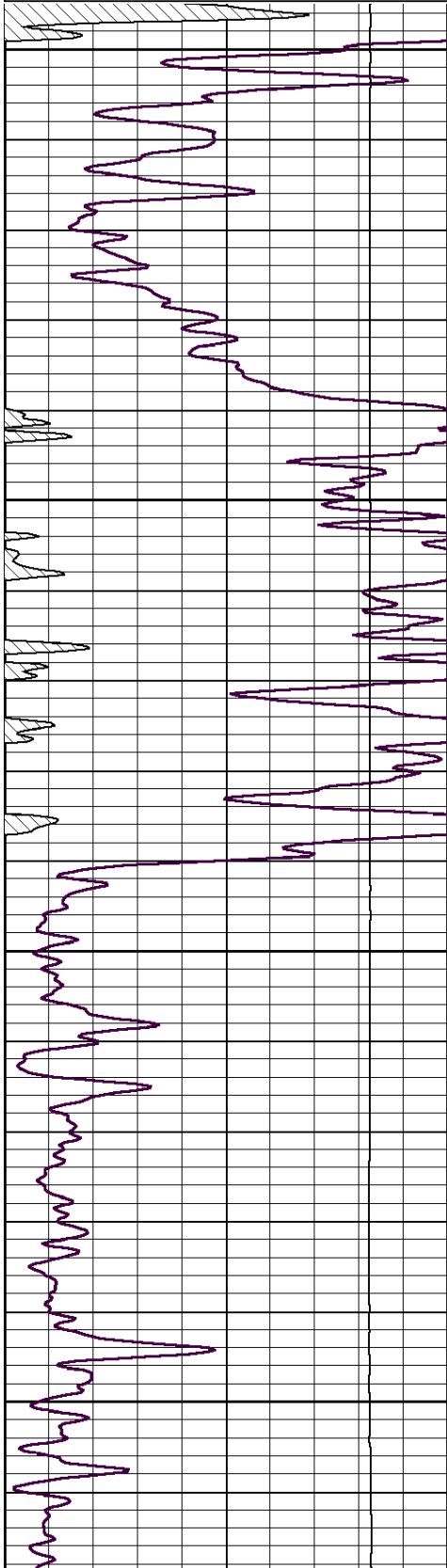


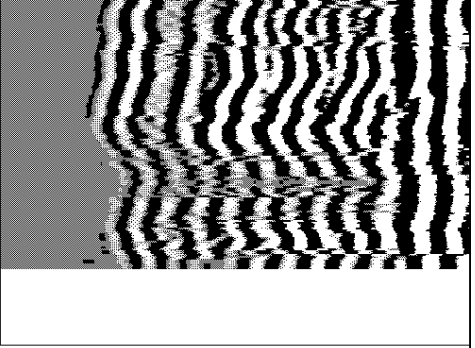
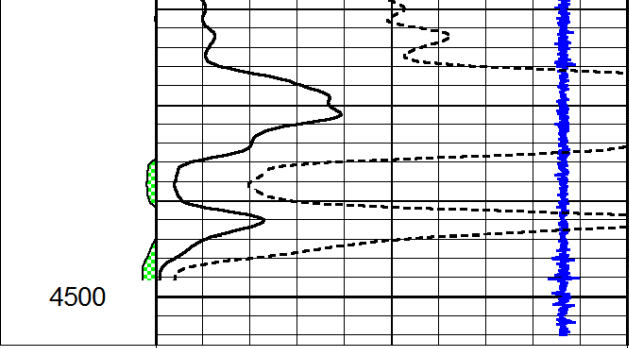
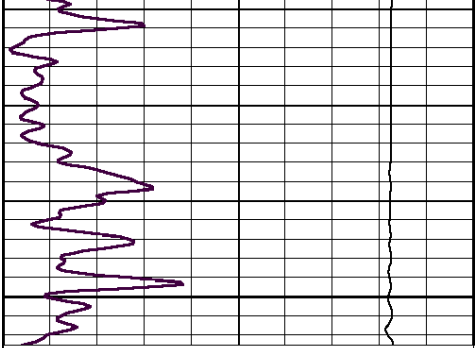
Report Section



Database File: wpx-schepmann-1-21-swd.db  
 Dataset Pathname: grcbl/pass10  
 Presentation Format: cbldr  
 Dataset Creation: Mon Oct 21 11:52:32 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	32	Casing Collars	-5	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100	10	Pipe Amplitude (mV)	20			





0                      Gamma Ray                      150

amp3ft                      32                      Casing Collars                      -5

200                      wvf5ft                      1200

(mV)                      0                      Amplified Amplitude (mV)                      100

-100                      10                      0                      Pipe Amplitude (mV)                      20