LOG-TECH of Kansas Inc.
GREAT BEND, KANSAS

GAMMA RAY NEUTRON
BOND

Company CROSSBAR ENERGY,LLC
Well BURKETT "F" #20
Field BURKETT
County GREENWOOD
State KANSAS

Company CROSSBAR ENERGY,LLC
Well BURKETT "F" #20
Field BURKETT
County GREENWOOD State KANSAS

Location
330' FNL & 660' FEL
SEC. 26 TWP. 23S RGE. 10E

Permanent Datum	GROUND LEVEL	Elevation	1227
Log Measured From	GROUND LEVEL		
Drilling Measured From	GROUND LEVEL		

Other Services

Elevation
K.B. 1227
D.F.
G.L. 1227

Date	08-18-2014
Run Number	ONE
Depth Driller	2290
Depth Logger	2283
Bottom Logged Interval	2282
Top Log Interval	0
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	52
Location	GREAT BEND
Recorded By	LEE BRETZ
Witnessed By	MR. ALBERT BRENSING

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Wgt/Ft	Size	Weight	Top	From	Bottom	To

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	8.625		0	202
Prot. String				
Production String	5.5		0	2289
Liner				

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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 LOG TECH OF KANSAS!
(620)792-2167

DIRECTIONS
NEWTON,KS
1ST STREET EXIT TAKE 1ST STREET EAST
ABOUT 60 MILES TO RD Q AND 300 STREET
1 SOUTH 1/4 WEST SOUTH INTO

CORRECTED +4' TO OPENHOLE LOG

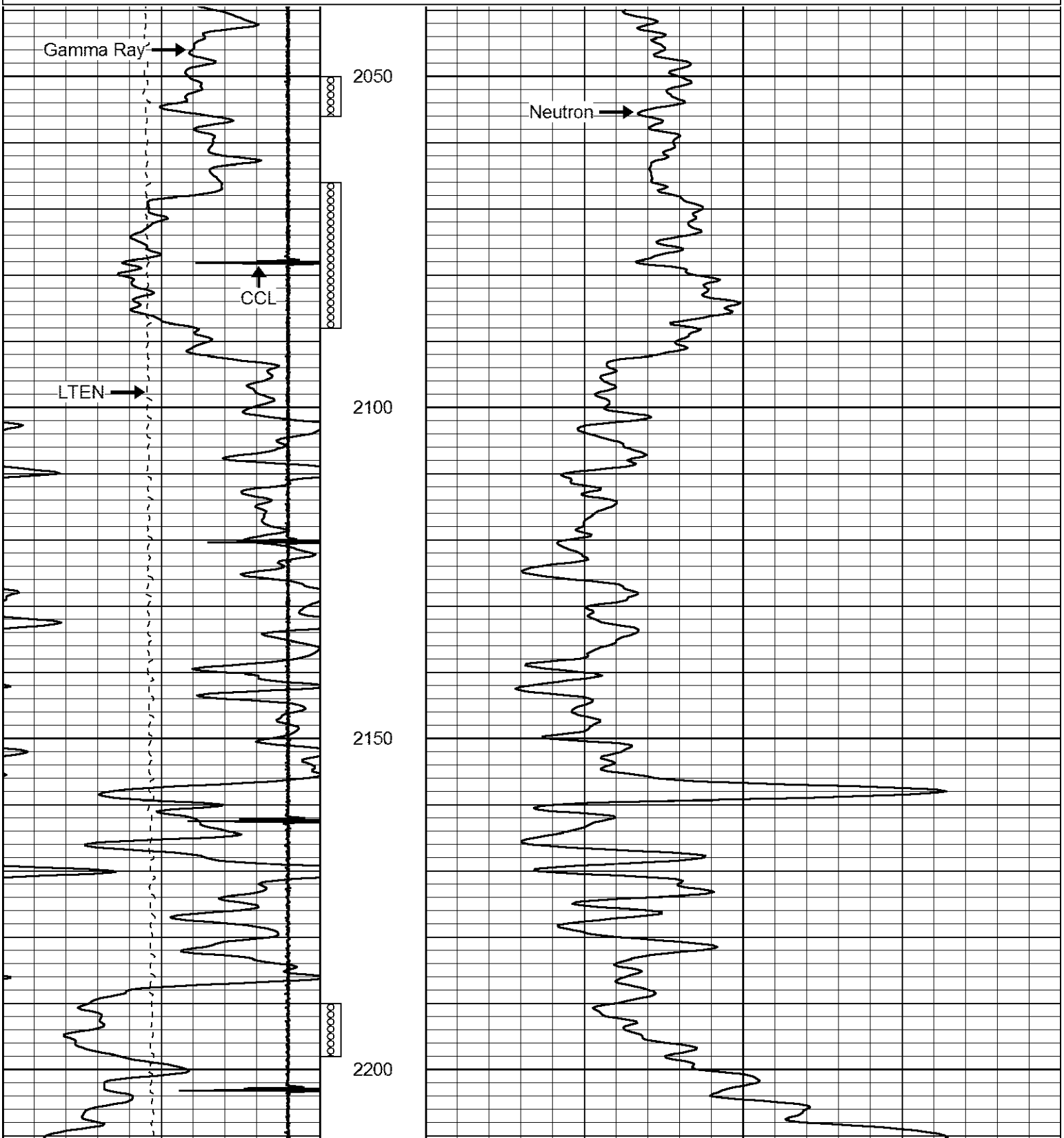
LOG-TECH of Kansas Inc.
GREAT BEND, KANSAS

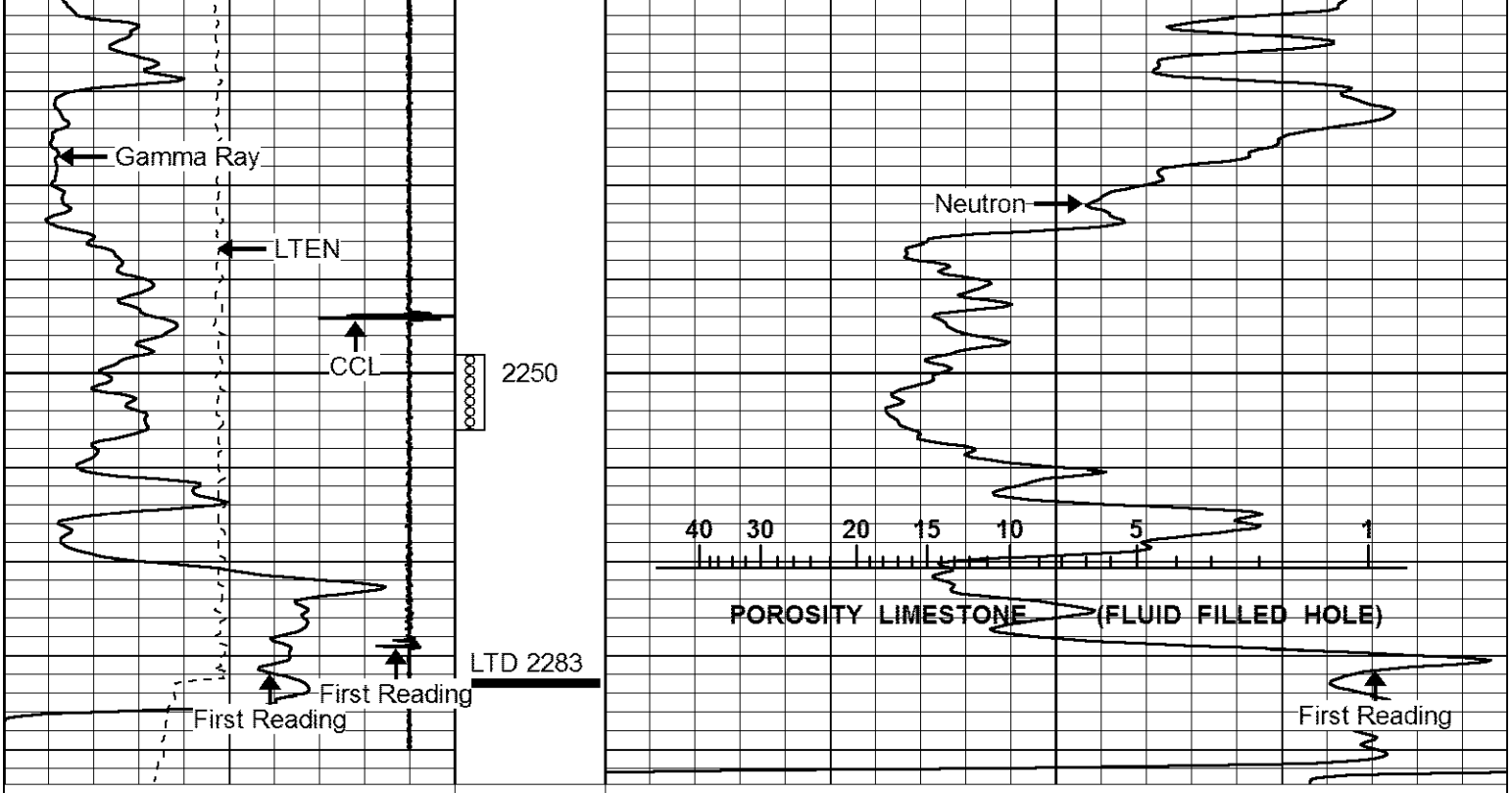
MAIN PASS

Database File:	burkettf20.db
Dataset Pathname:	pass3
Presentation Format:	gr-n-ccl
Dataset Creation:	Mon Aug 18 08:26:43 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

9	CCL	-1
0	LTEN (lb)	1200
0	GR (GAPI)	150
150	GR (GAPI)	300
300	GR (GAPI)	450

110	NEU (cps)	610





9	CCL	-1
0	LTEN (lb)	1200
0	GR (GAPI)	150
150	GR (GAPI)	300
300	GR (GAPI)	450

110	NEU (cps)	610

LOG-TECH of Kansas Inc.
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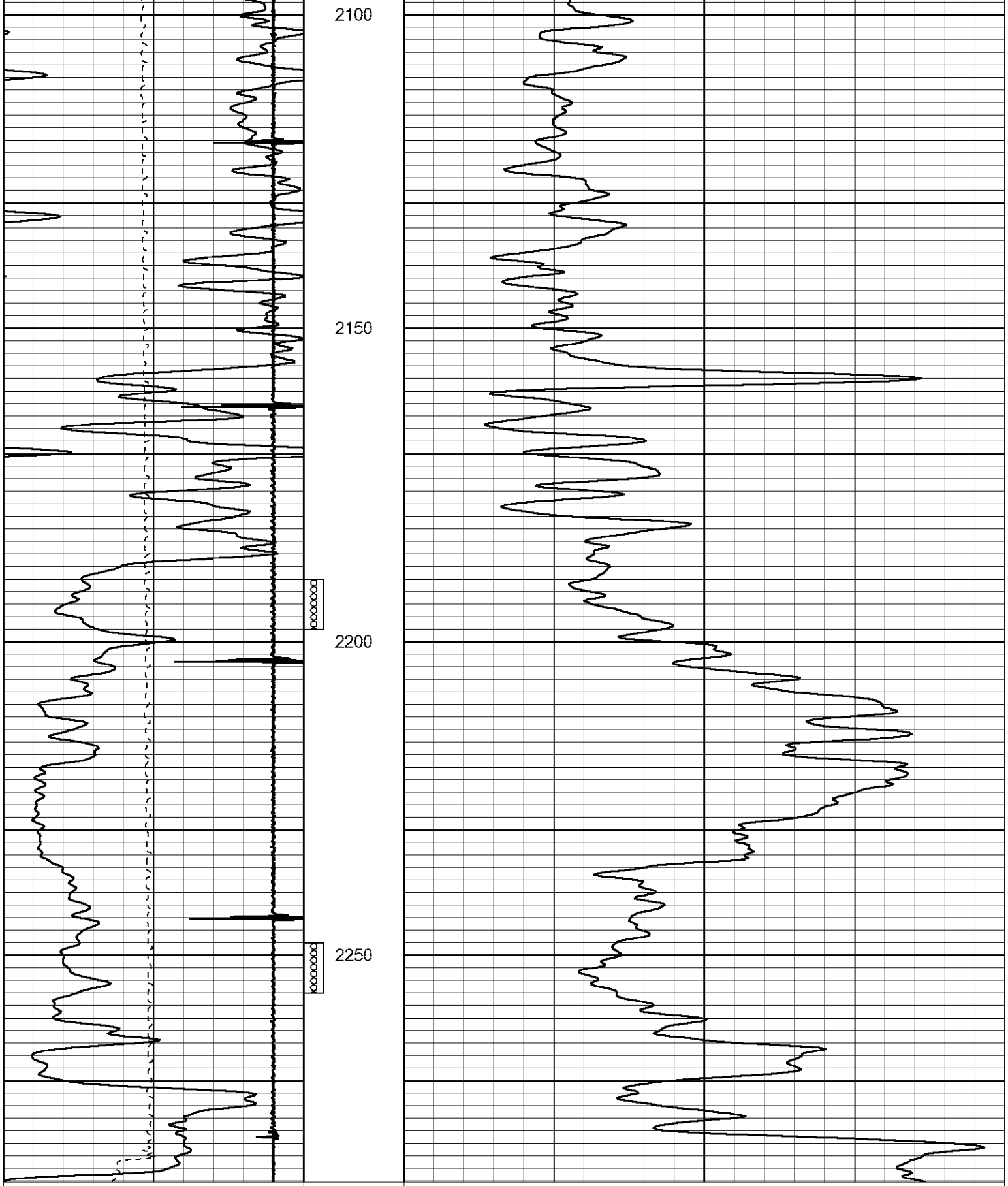
REPEAT SECTION

Database File:	burkettf20.db
Dataset Pathname:	pass1
Presentation Format:	gr-n-ccl
Dataset Creation:	Mon Aug 18 08:06:52 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

9	CCL	-1
0	LTEN (lb)	1200
0	GR (GAPI)	150
150	GR (GAPI)	300
300	GR (GAPI)	450

110	NEU (cps)	610





9	CCL	-1
0	LTEN (lb)	1200
0	GR (GAPI)	150
150	GR (GAPI)	300
300	GR (GAPI)	450

110	NEU (cps)	610

LOG-TECH of Kansas Inc.
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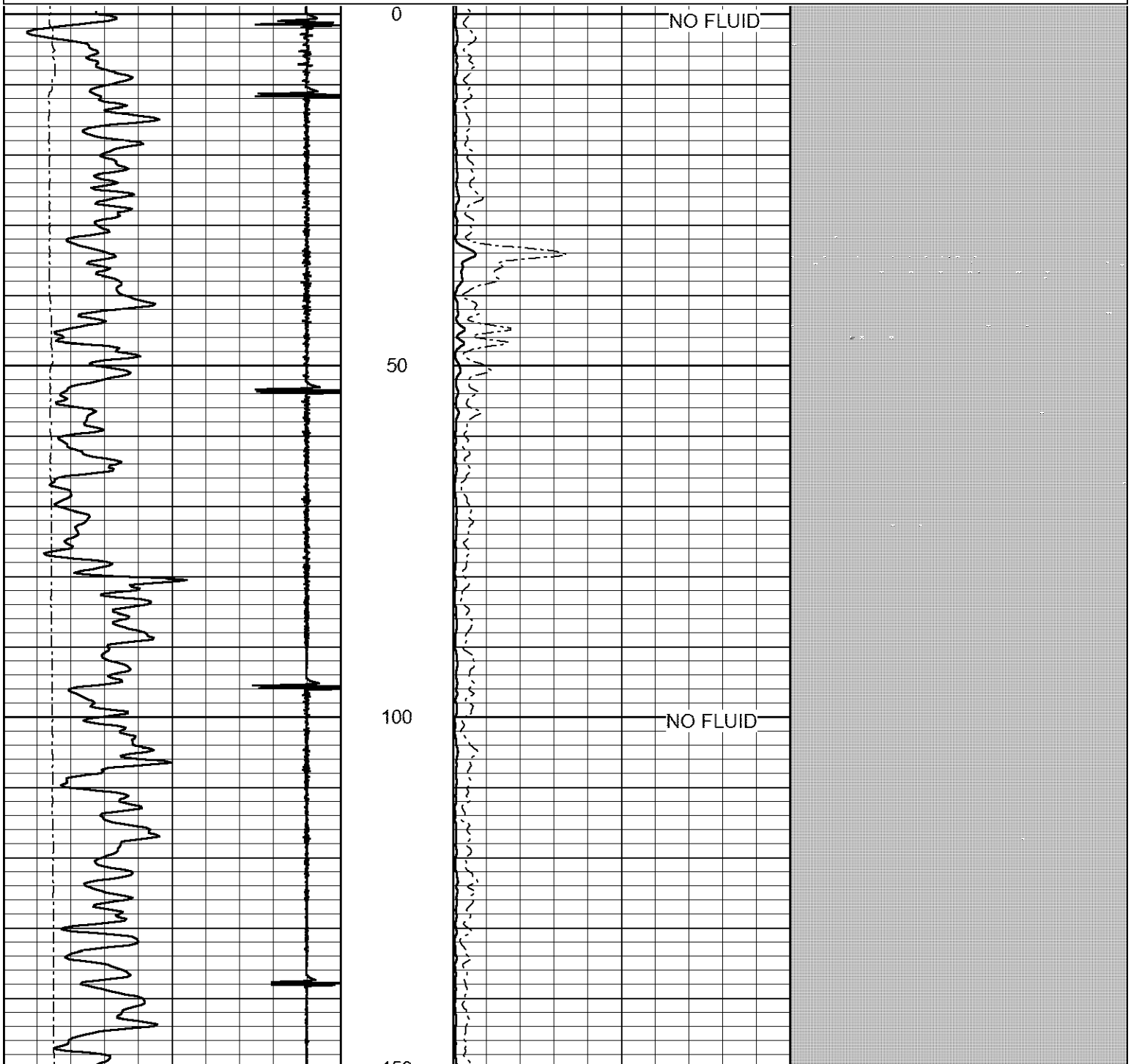
MAIN PASS

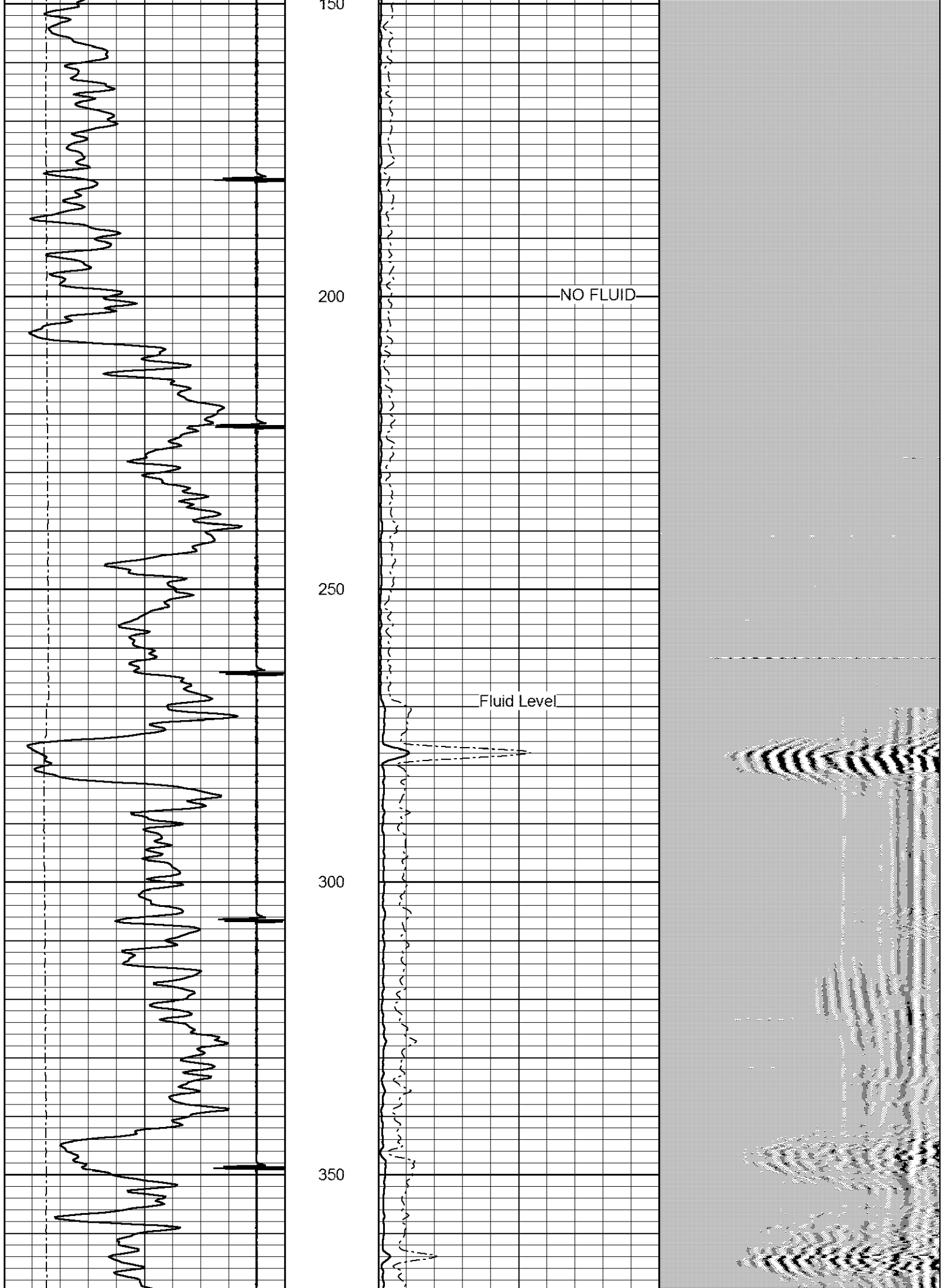
Database File:	burkettf20.db
Dataset Pathname:	pass6
Presentation Format:	cbl02
Dataset Creation:	Mon Aug 18 09:09:57 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

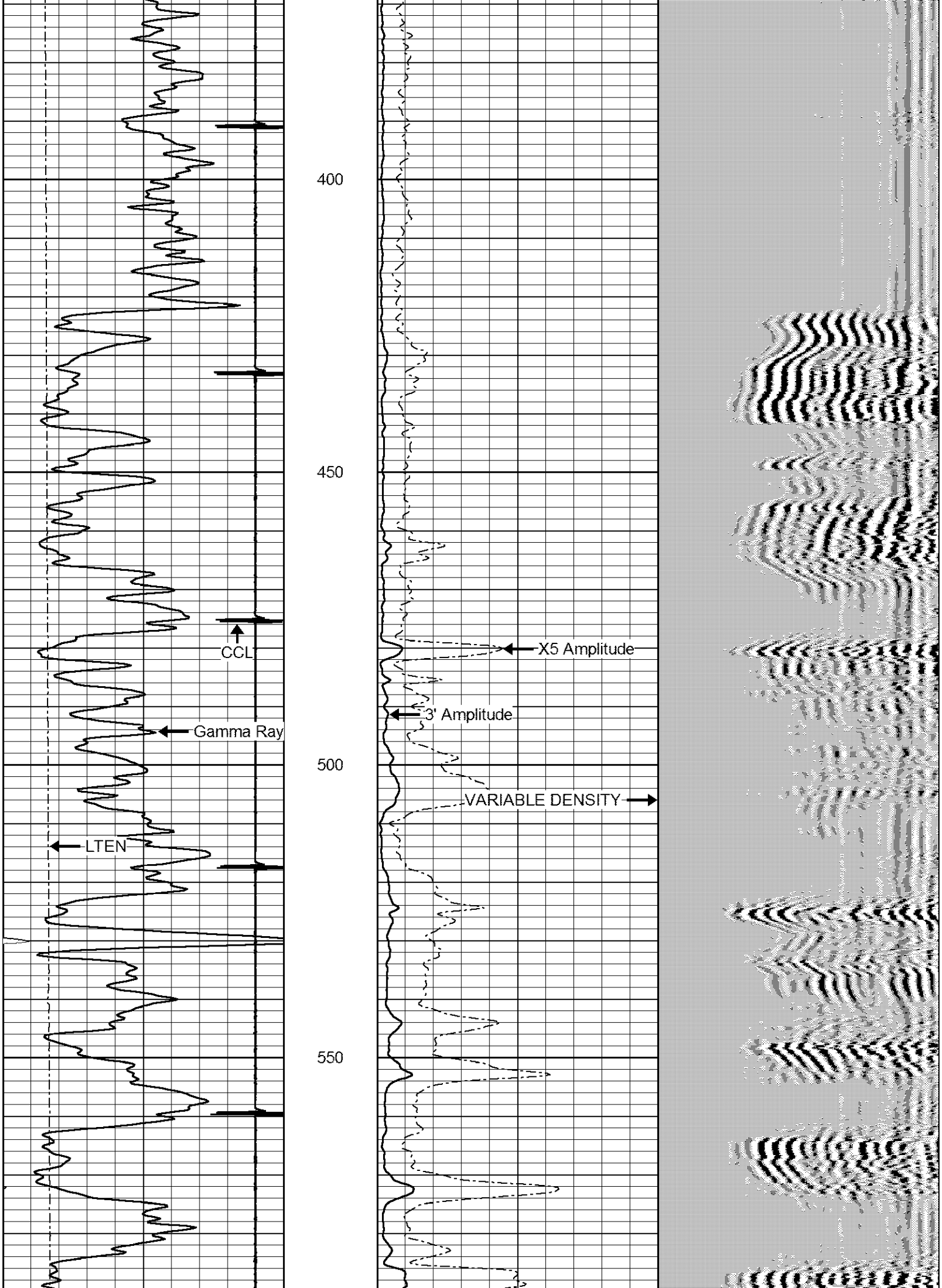
9	Collar Locator	-1
0	Gamma Ray (GAPI)	150
320	TT3 (usec)	120
0	LTEN (lb)	2000

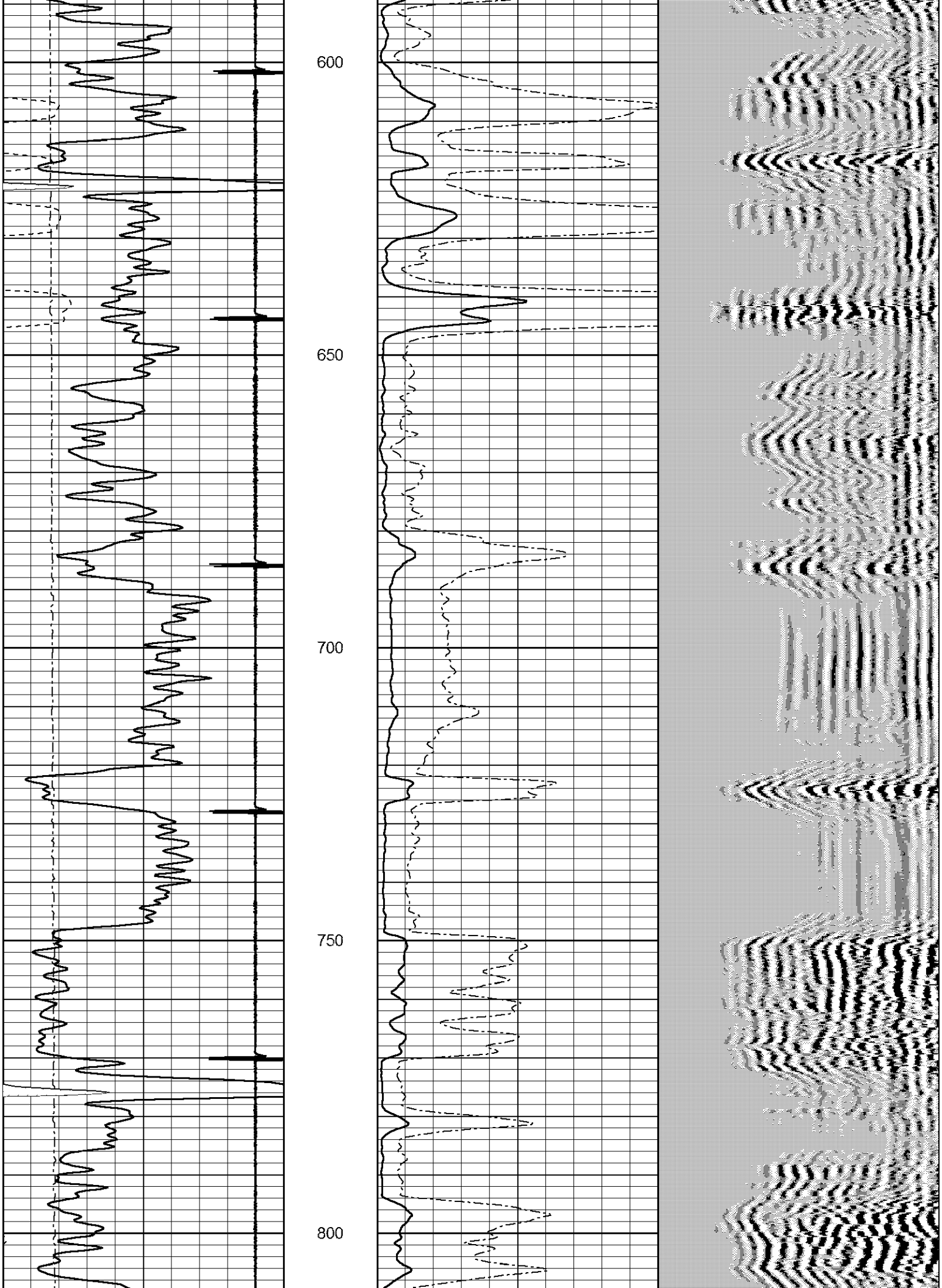
0	Amplitude (mV)	100
0	X5 Amplitude (mV)	20

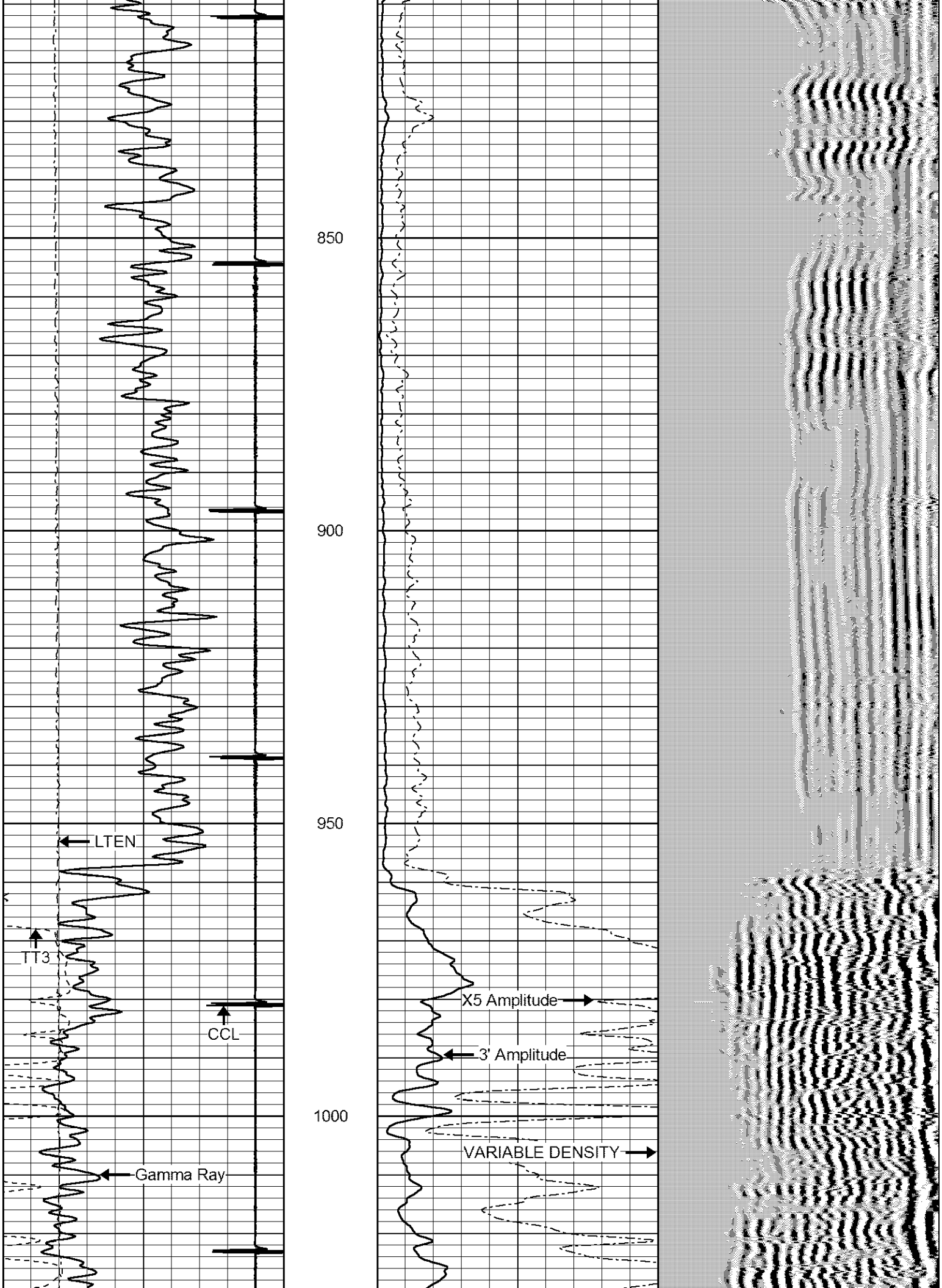
200	VARIABLE DENSITY	1200

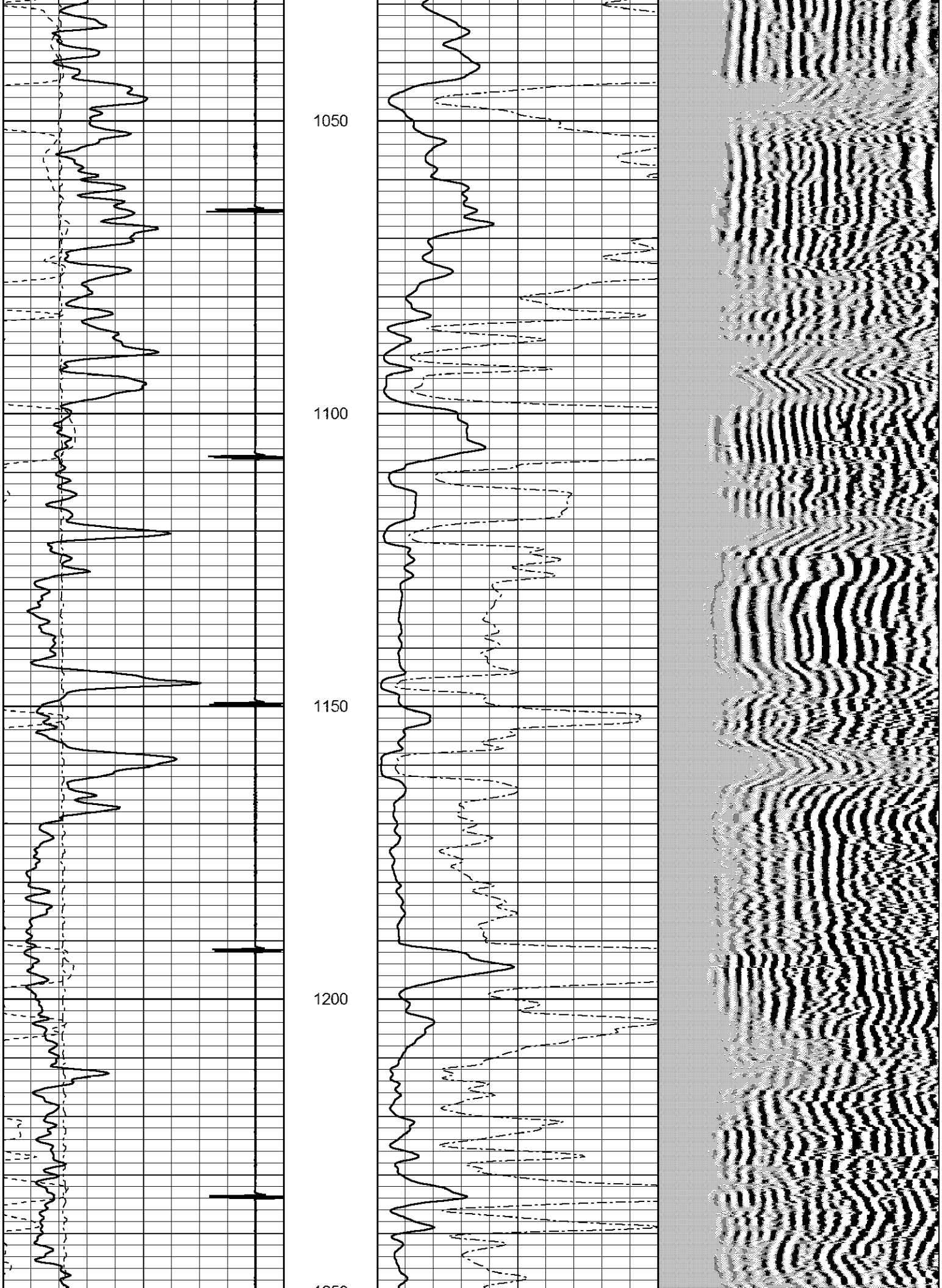


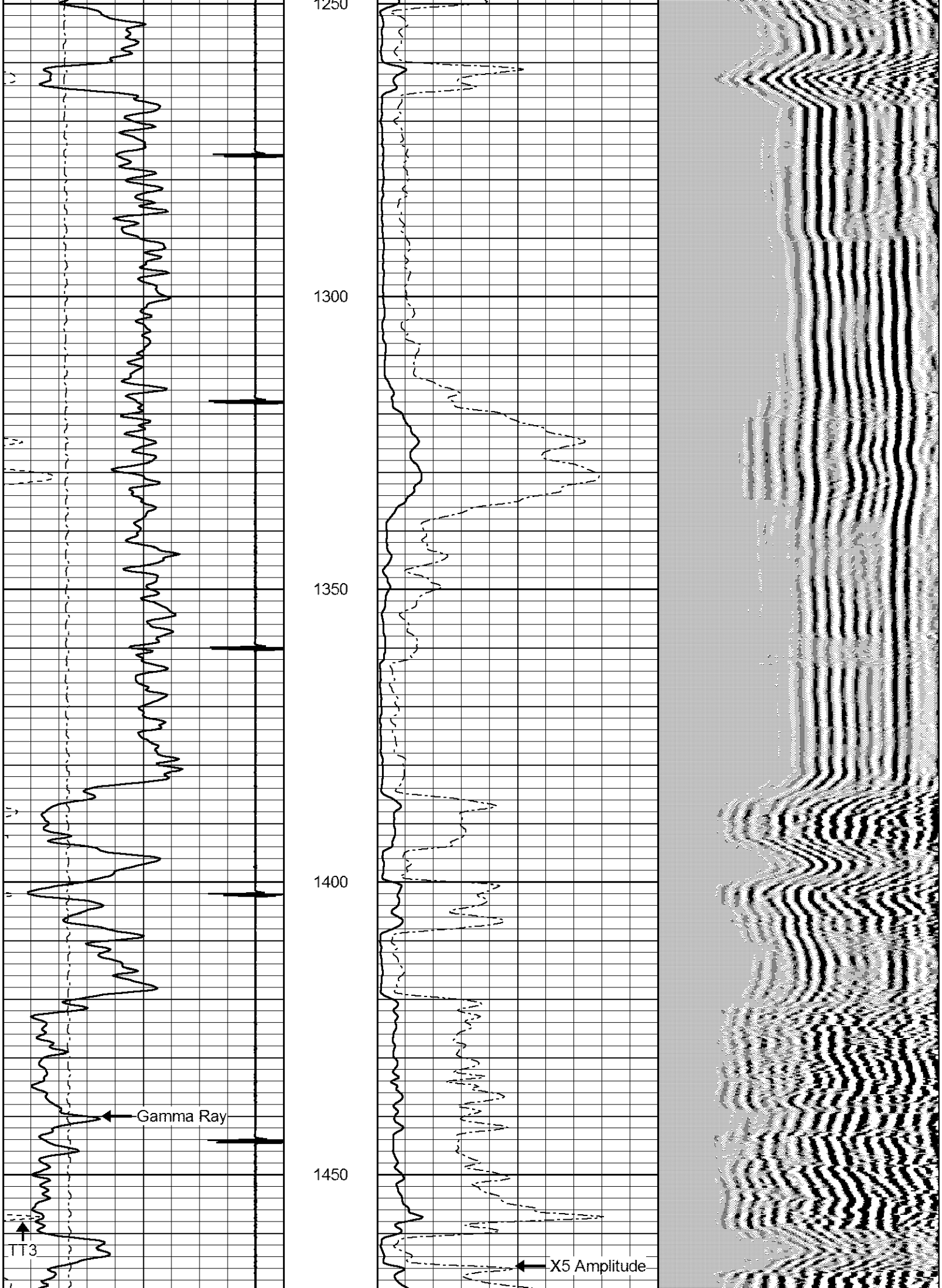

150
200
250
300
350
NO FLUID
Fluid Level

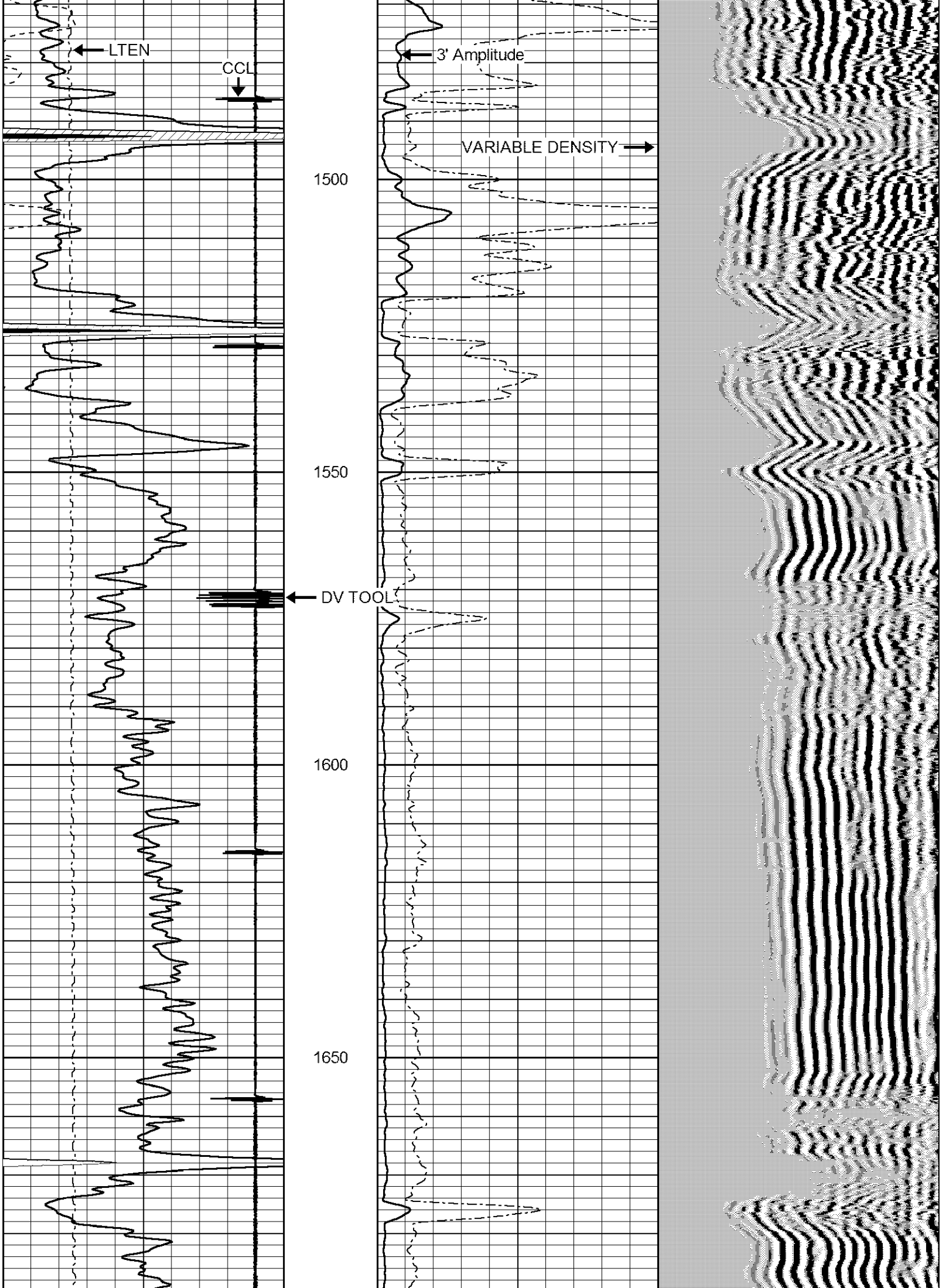

400
450
500
550
CCL
Gamma Ray
LTEN
X5 Amplitude
3' Amplitude
VARIABLE DENSITY

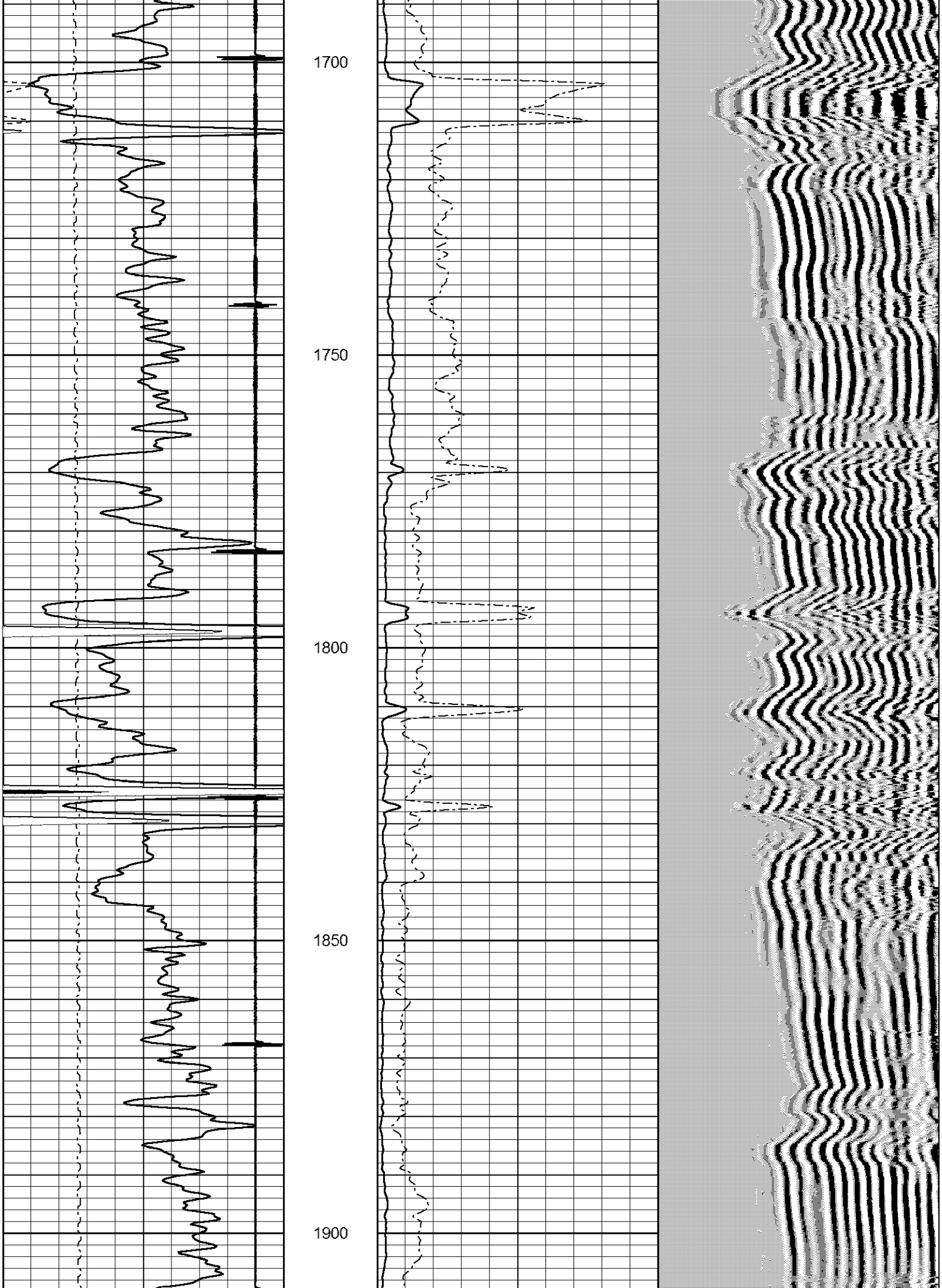

600
650
700
750
800

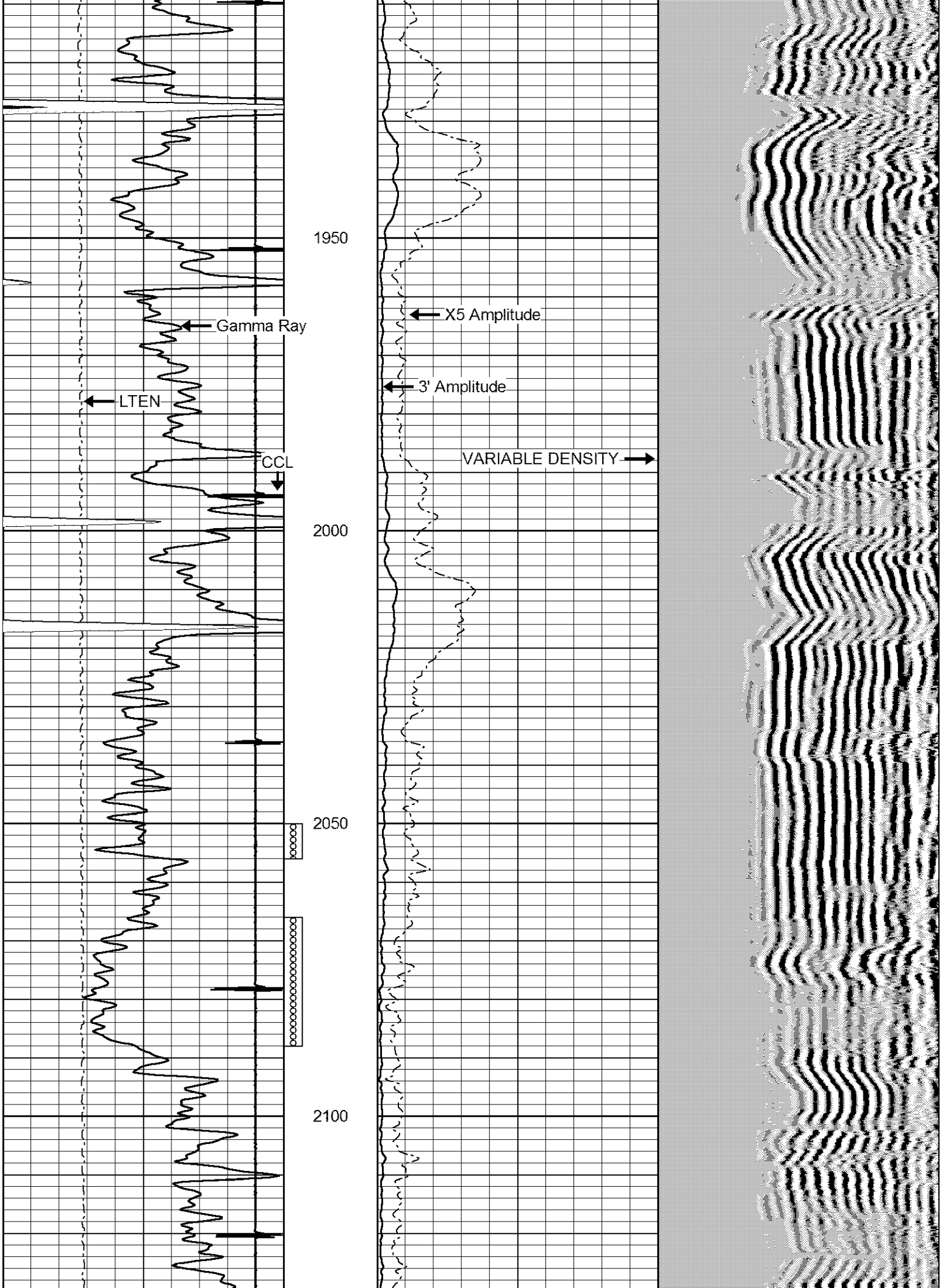

850
900
950
1000
LTEN
TT3
CCL
Gamma Ray
X5 Amplitude
3' Amplitude
VARIABLE DENSITY

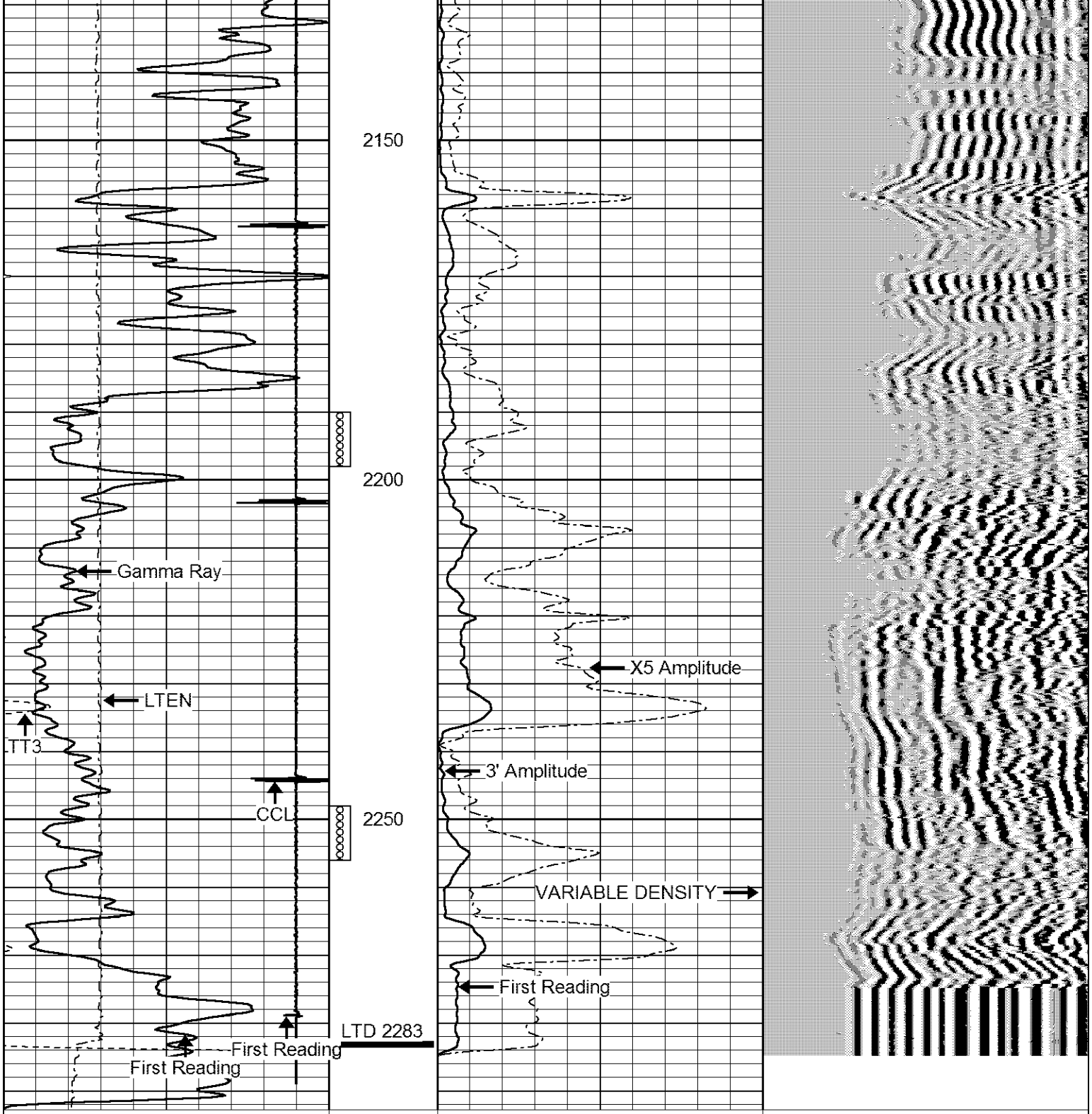

1050
1100
1150
1200


1250
1300
1350
1400
1450
Gamma Ray
TT3
X5 Amplitude


LTEN
CCL
3' Amplitude
VARIABLE DENSITY
1500
1550
DV TOOL
1600
1650


1700
1750
1800
1850
1900


1950
2000
2050
2100
Gamma Ray
LTEN
CCL
X5 Amplitude
3' Amplitude
VARIABLE DENSITY



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REPEAT SECTION

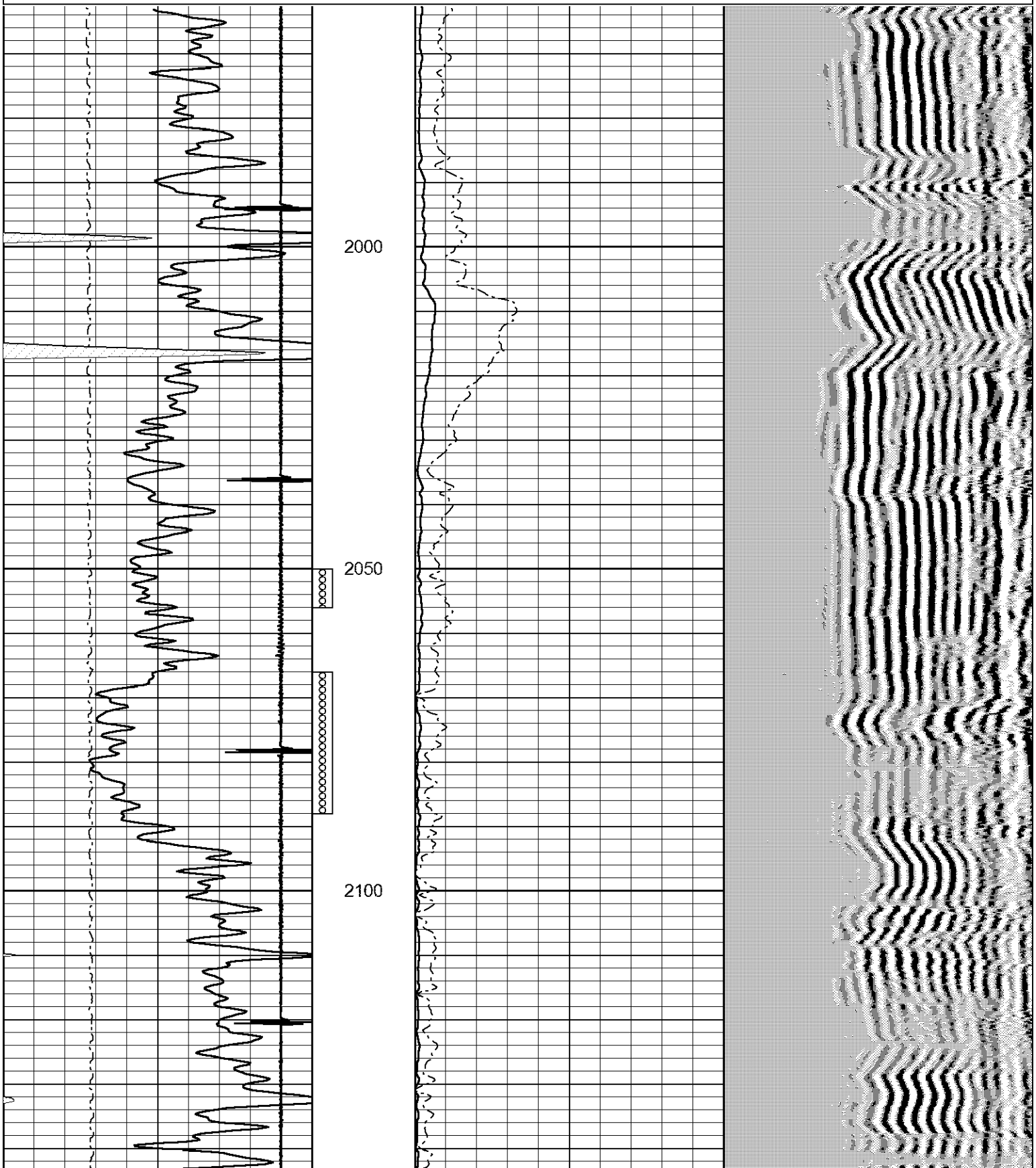
Database File: burkettf20.db

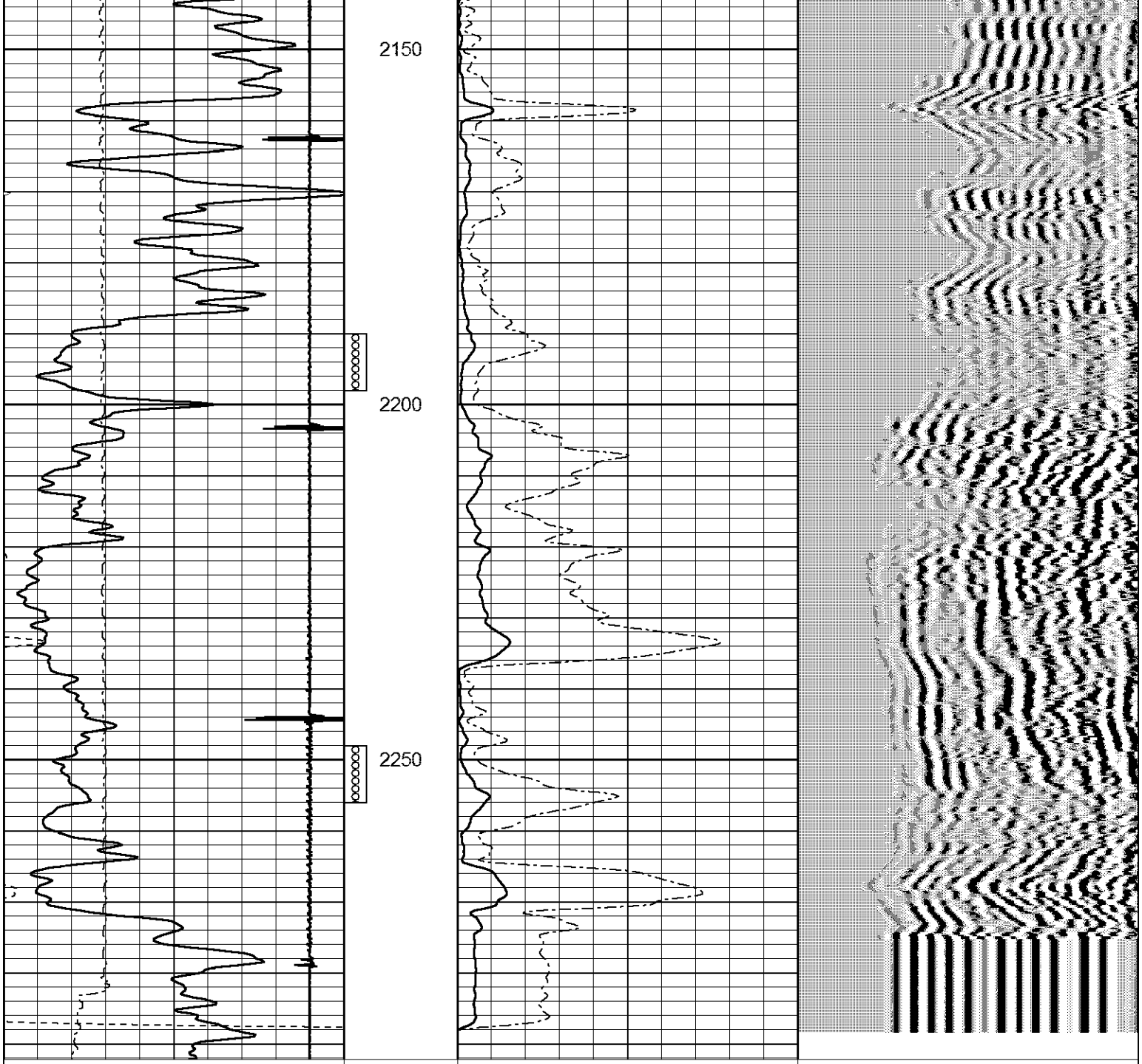
Dataset Pathname:	pass5
Presentation Format:	cbl02
Dataset Creation:	Mon Aug 18 08:57:03 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

9	Collar Locator	-1
0	Gamma Ray (GAPI)	150
320	TT3 (usec)	120
0	LTEN (lb)	2000

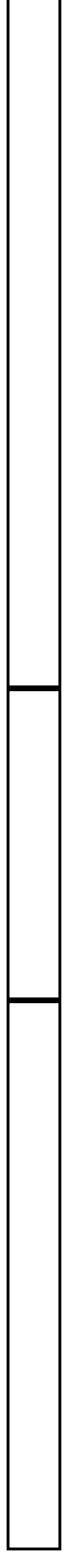
0	Amplitude (mV)	100
0	X5 Amplitude (mV)	20

200	VARIABLE DENSITY	1200



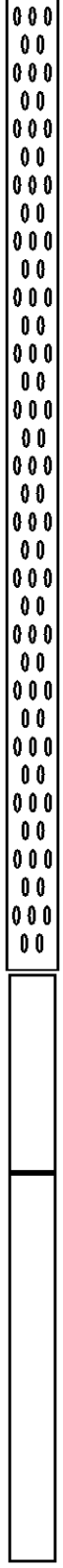


Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00
CCL	7.70					

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.73		GR-pgr1 (pgr01) pengogrbig	4.13	3.13	30.00
CCL	3.53		CCL-PCCL (PC1) PENGOCCL	1.56	3.13	10.00
NEU	1.29		NEU-PENGO1 (PN1) PENGOBIG	2.75	3.13	20.00

Dataset: burkettf20.db: field/well/run1/pass3
Total Length: 9.44 ft
Total Weight: 70.00 lb
O.D. 3.13 in

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00



WVF3	8.76		CBL-probecbl (probecbl1) probe cbl	8.75	2.75	92.00
WVF5	7.76					
CCL	3.69		CCL-probe (cclpr) probe ccl	1.55	2.75	30.00
GR	0.90		GR-probegr (progr1) probe gamma ray	3.02	2.75	20.00

Dataset:	burkettf20.db: field/well/run1/pass6
Total Length:	14.32 ft
Total Weight:	152.00 lb
O.D.	2.75 in