

LOG-TECH

of Kansas
Inc.

GREAT BEND, KANSAS

GAMMA RAY NEUTRON
BONDCompany CRYSTAL RIVER OIL & GAS, LLC.
Well CYNTHIA REIMANN #3County BARTON
State KANSAS

Company CRYSTAL RIVER OIL & GAS, LLC.

Well CYNTHIA REIMANN #3

Field

County BARTON State KANSAS

Location

W/2-SE-SE

Other Services

SEC. 33 TWP. 16S RGE. 11W

Elevation

Permanent Datum GROUND LEVEL Elevation 1920

Log Measured From GROUND LEVEL

Drilling Measured From GROUND LEVEL

K.B. 1920
D.F.
G.L. 1920

Date 03-14-2013 03-14-2013

Run Number ONE TWO

Depth Driller 3367

Depth Logger 3299 3299

Bottom Logged Interval 3298 3298

Top Log Interval 2500 2500

Open Hole Size

Type Fluid WATER/OIL

Density / Viscosity

Max. Recorded Temp. 2845

Estimated Cement Top

Time Well Ready

Time Logger on Bottom

Equipment Number 52

Location GREAT BEND

Recorded By LEE BRETZ

Witnessed By SCOTT

Borehole Record

Run Number Bit From To Size Weight From To

Casing Record Size Wgt/Ft Top Bottom

Surface String 8.625 0 317

Prot. String

Production String 5.5 0 3350

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

THANK YOU FOR USING LOG TECH OF KANSAS!
(620)792-2167

DIRECTIONS
CLAFLIN, KS
6 1/2 MILES NORTH
WEST INTO

LOG-TECH

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Inc.

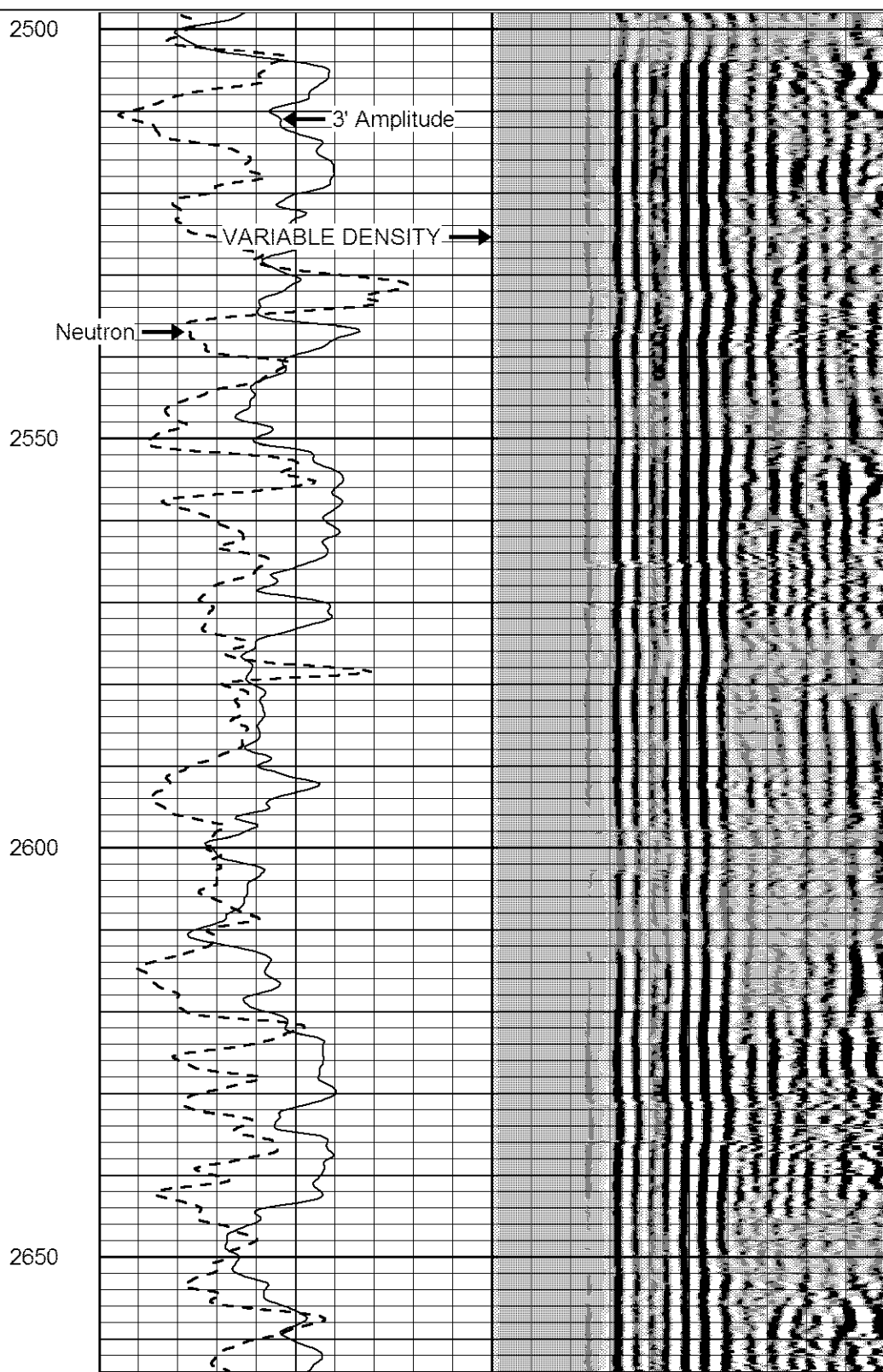
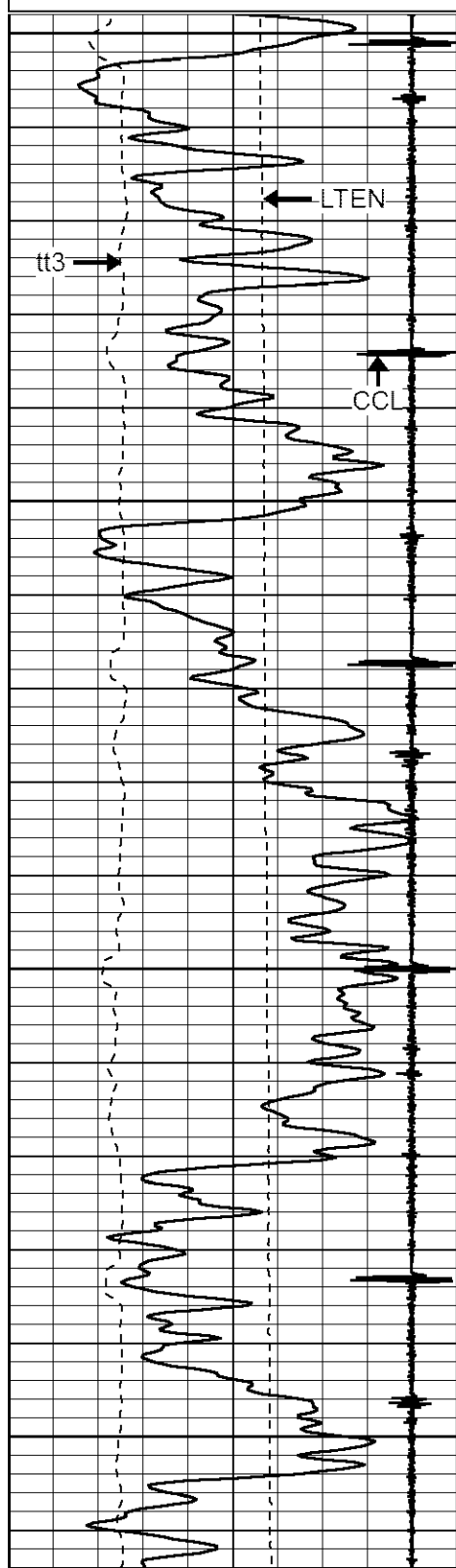
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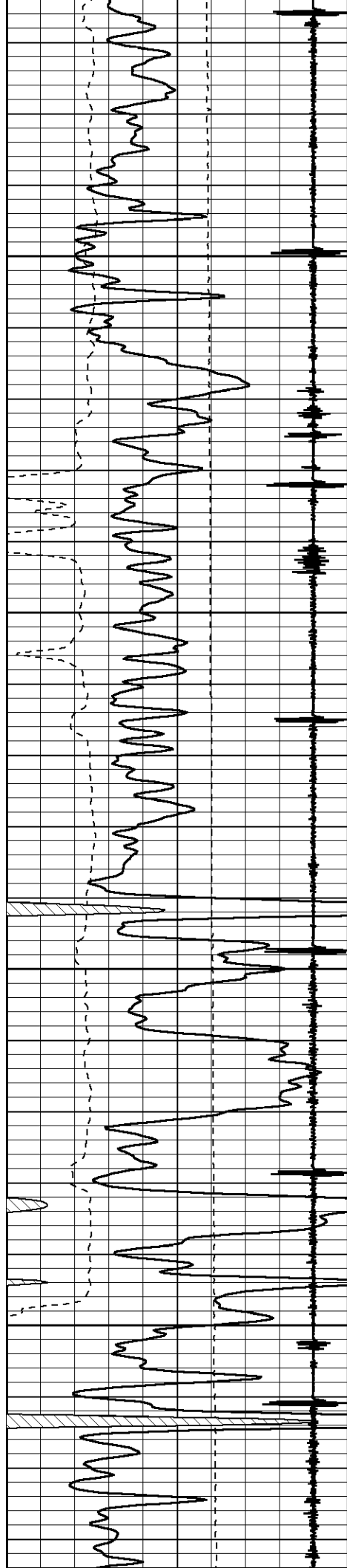
MAIN PASS

Database File: reimann3.db
Dataset Pathname: pass21
Presentation Format: gr-n-ccl
Dataset Creation: Thu Mar 14 11:00:38 2013
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
9	CCL	-1
150	GR (GAPI)	300
300	GR (GAPI)	450
320	tt3 (usec)	120
0	LTEN (lb)	1200

100	NEU (cps)	860
0	AMP3 (mV)	100
150	cbl3	1150



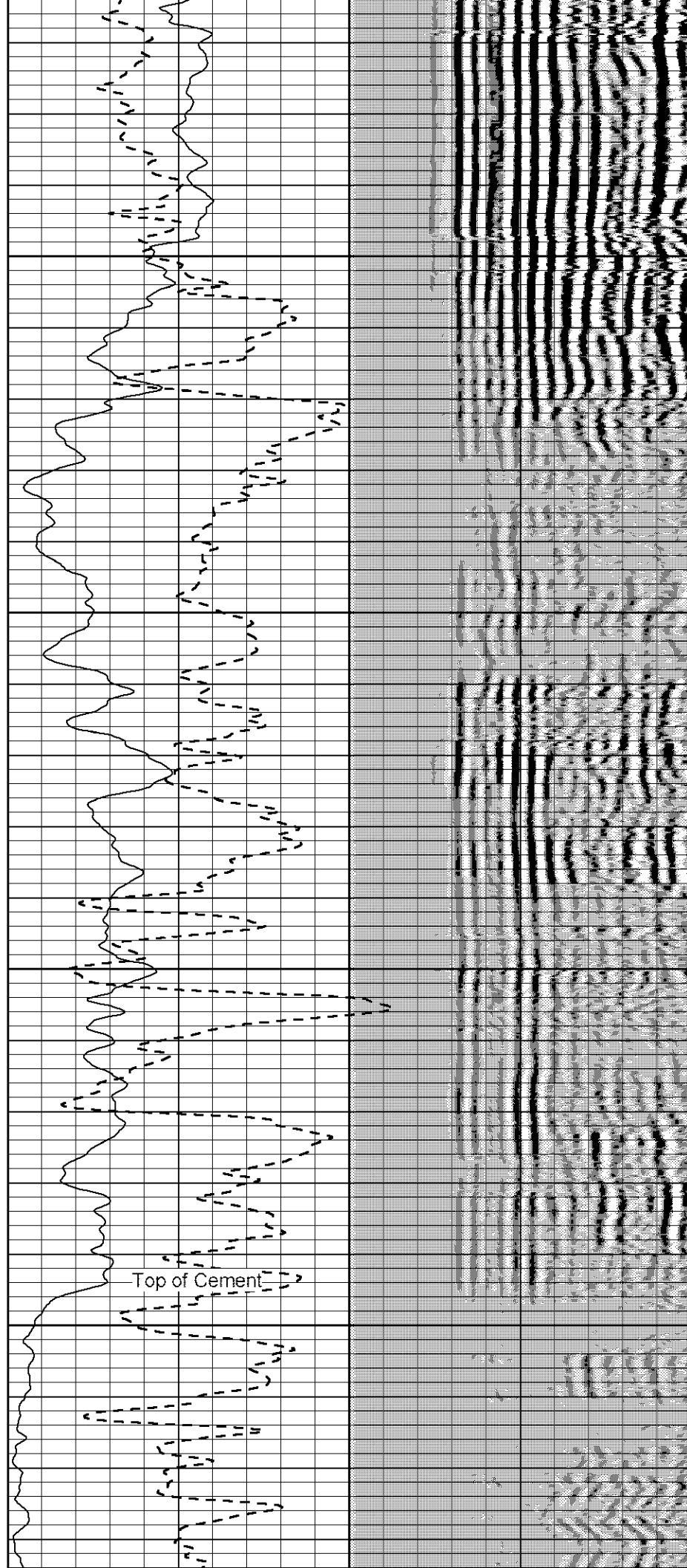


2700

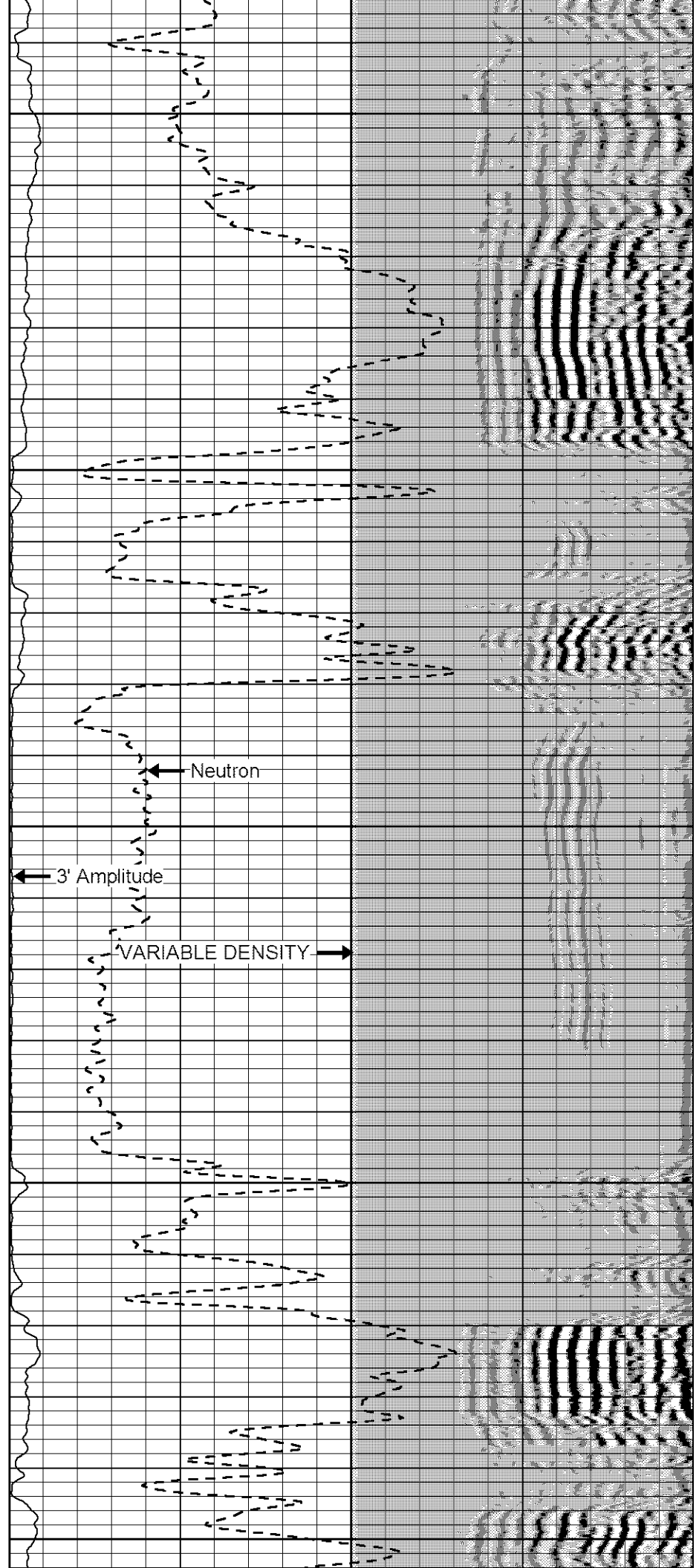
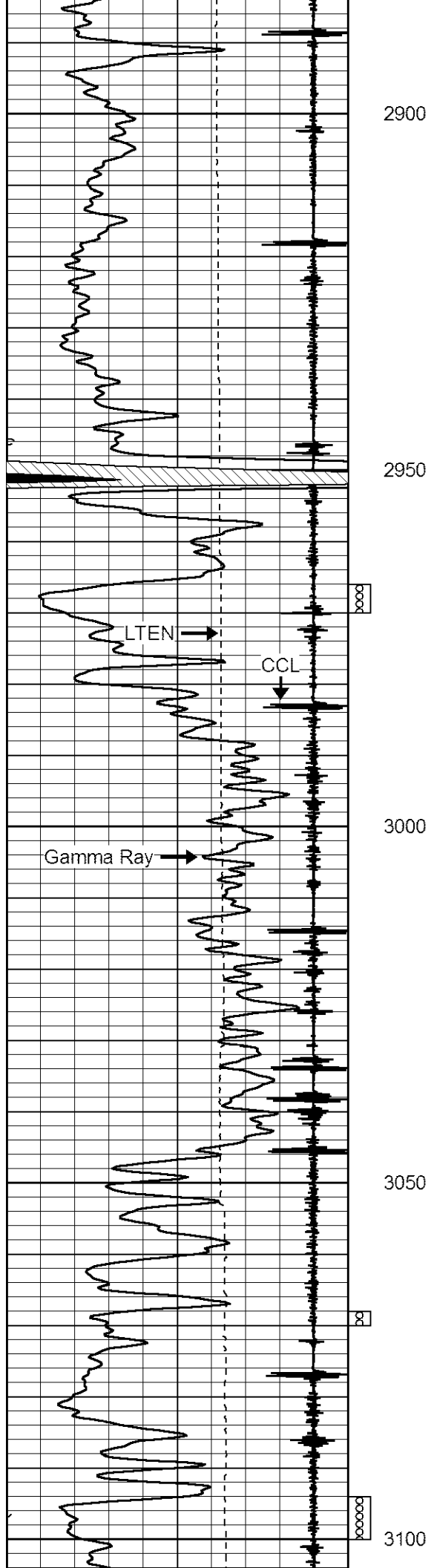
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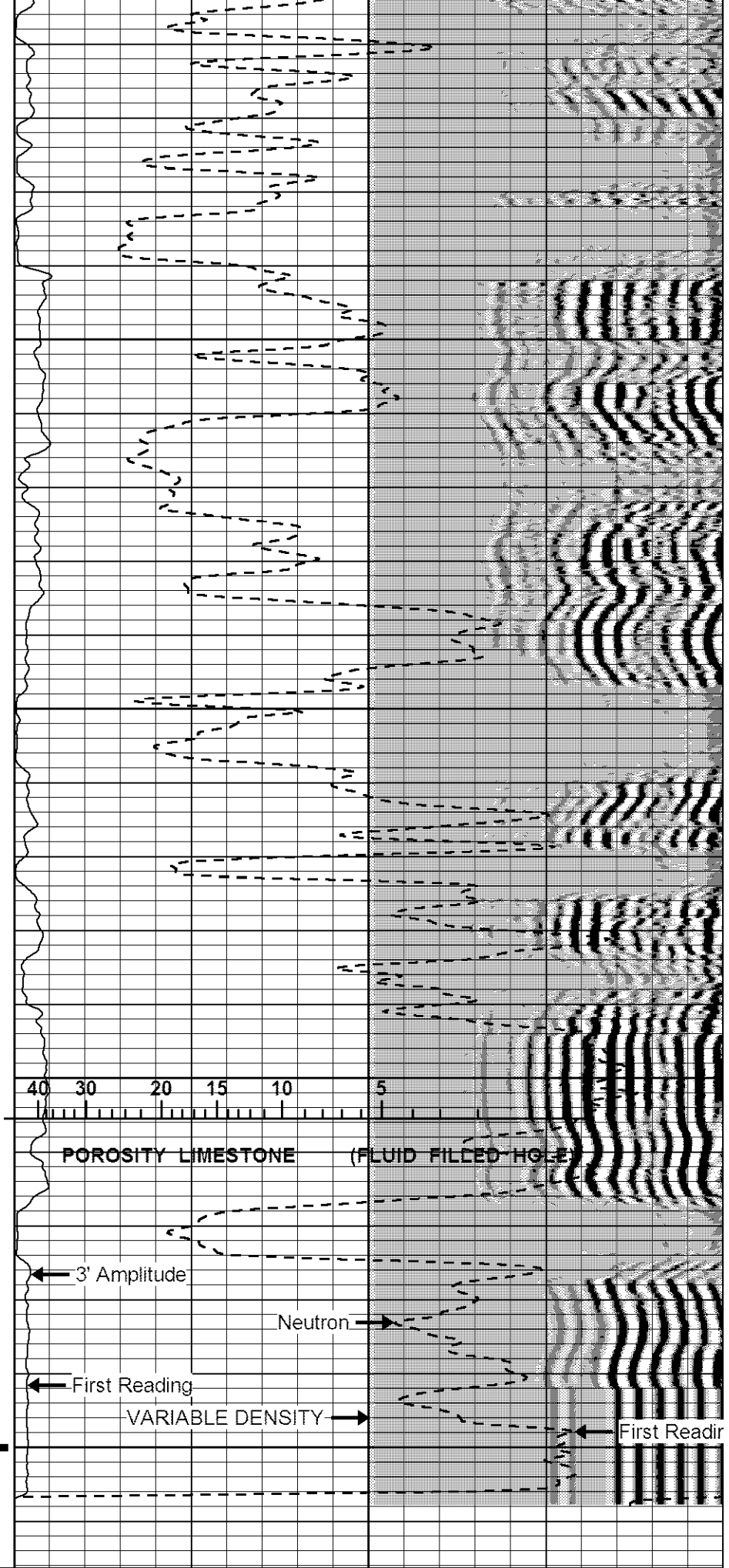
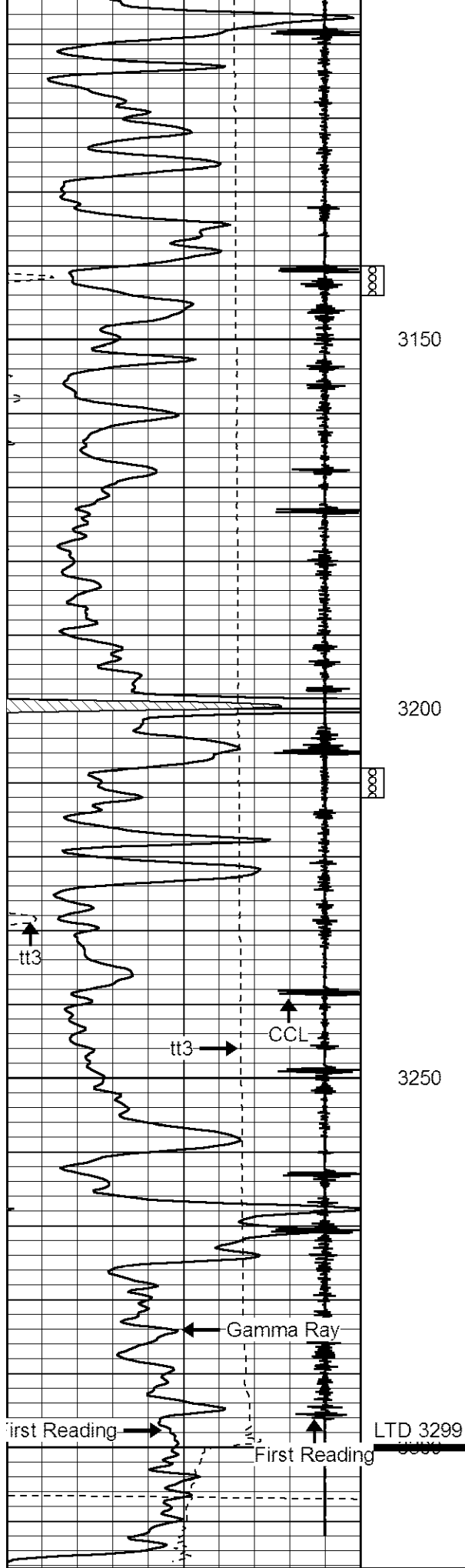
2800

2850



Top of Cement





150	GR (GAPI)	300
300	GR (GAPI)	450
320	tt3 (usec)	120
0	LTEN (lb)	1200

0	AMP3 (mV)	100	150	860	1150

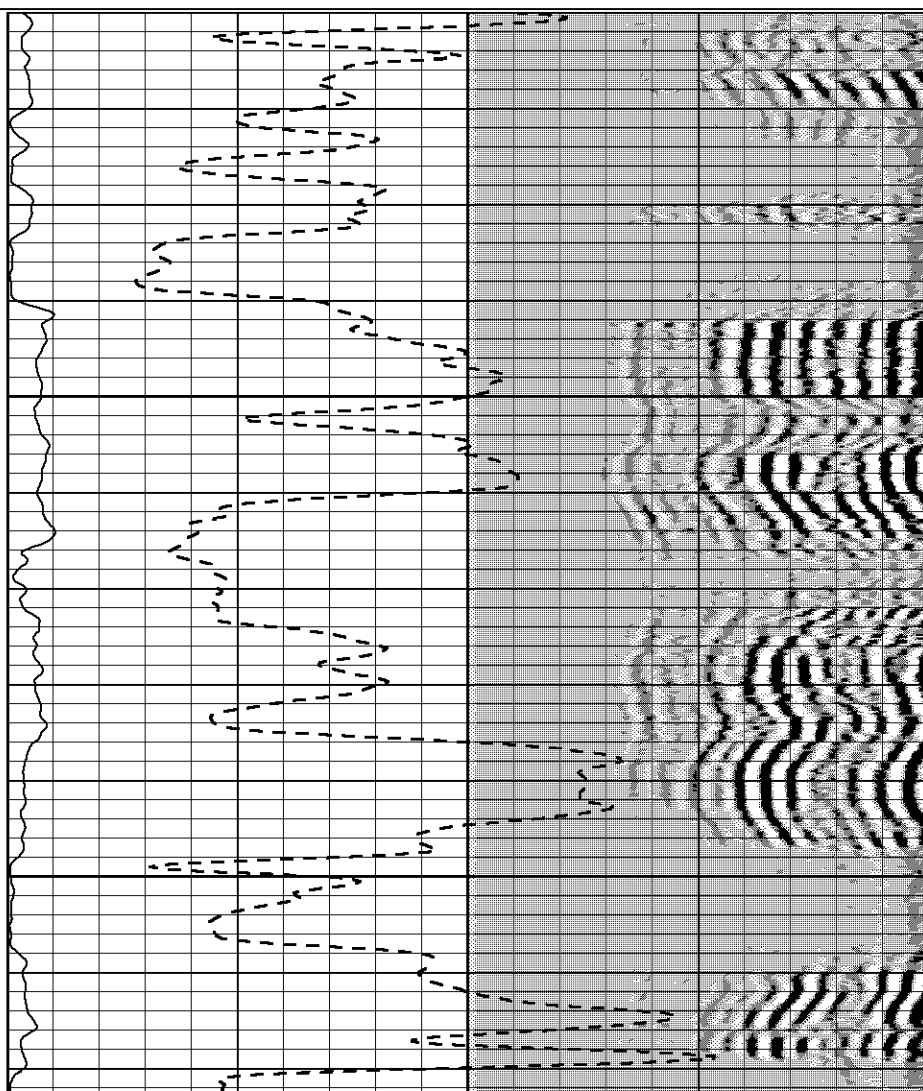
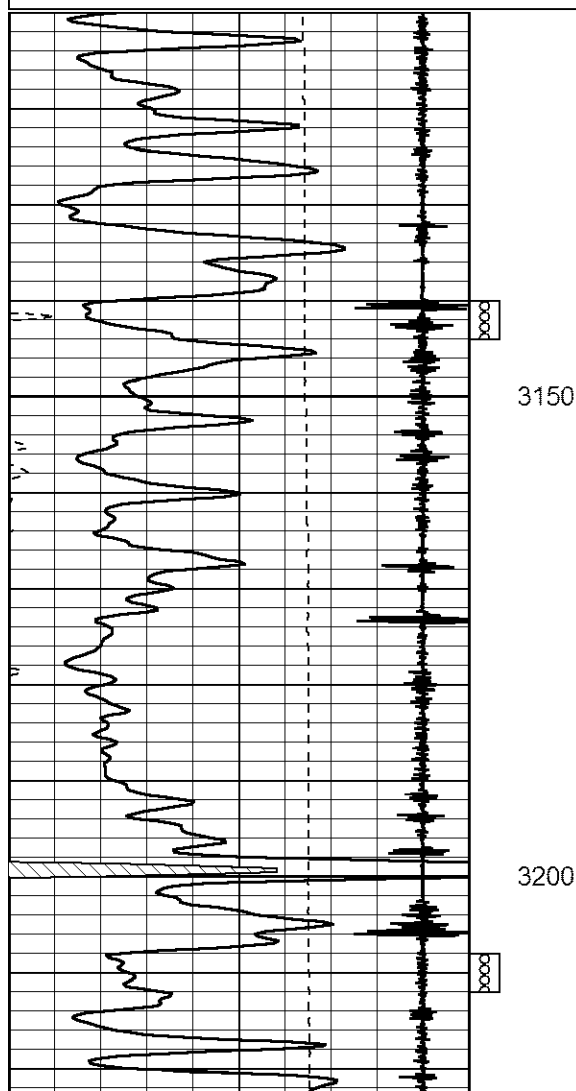
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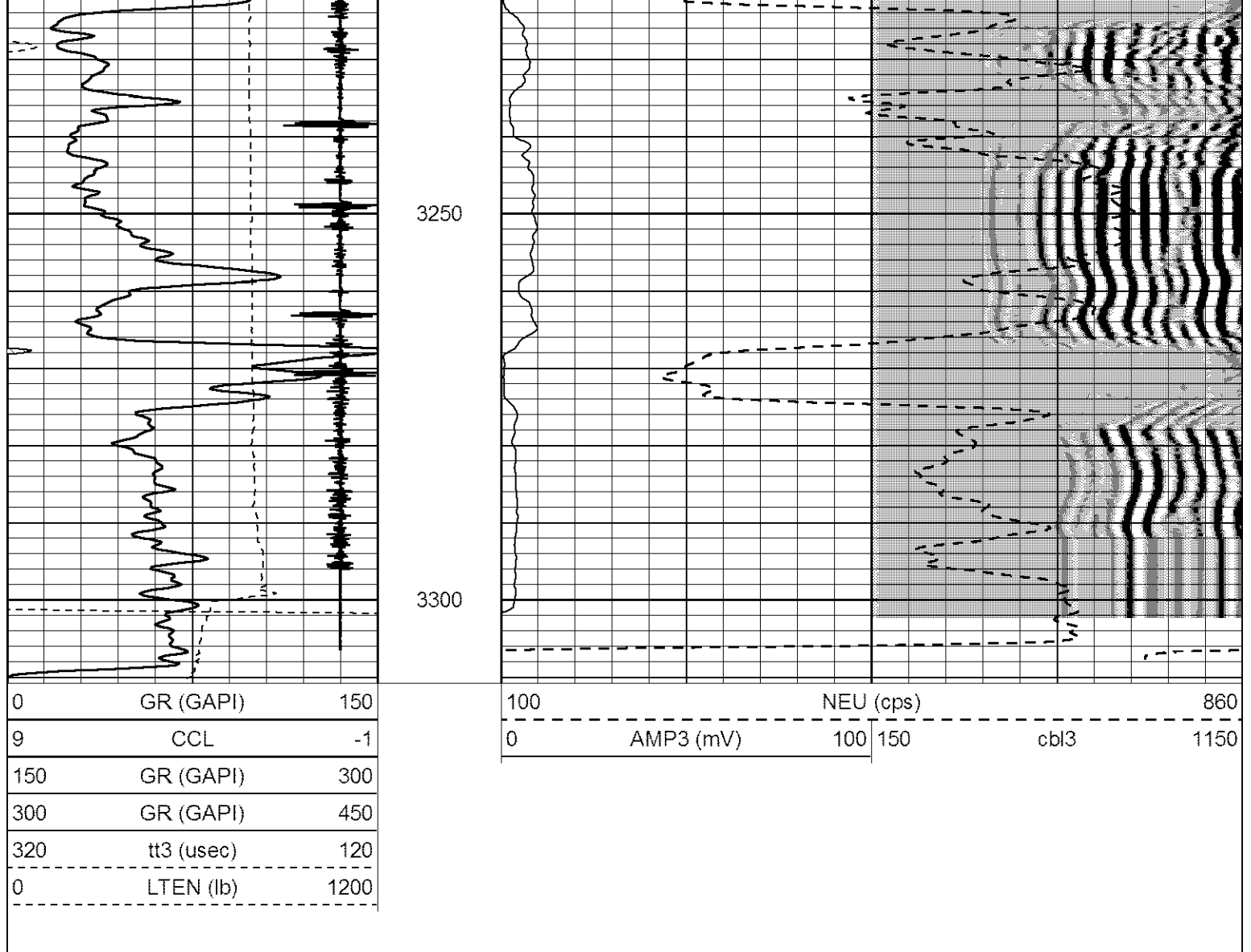
REPEAT SECTION

Database File: reimann3.db
 Dataset Pathname: pass30
 Presentation Format: gr-n-ccl
 Dataset Creation: Thu Mar 14 11:13:11 2013
 Charted by: Depth in Feet scaled 1:240

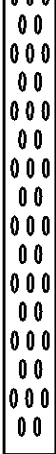
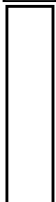
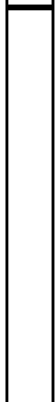
0	GR (GAPI)	150
9	CCL	-1
150	GR (GAPI)	300
300	GR (GAPI)	450
320	tt3 (usec)	120
0	LTEN (lb)	1200

100	NEU (cps)				860
0	AMP3 (mV)	100	150	cbl3	1150





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF3	8.76		STNDRD Standard Cable Head	1.00	1.69	10.00
			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: reimann3.db: field/well/run1/pass7 Total Length: 14.32 ft Total Weight: 152.00 lb O.D. 2.75 in						

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.73		STNDRD Standard Cable Head	1.00	1.69	10.00
			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: reimann3.db: field/well/run1/pass3 Total Length: 9.44 ft Total Weight: 70.00 lb O.D. 3.13 in							