Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF-078763

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME
Rosa Unit

2. NAME OF OPERATOR
Amoco Production Company

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401

9. WELL NO.
107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2160' FSL x 1850' FWL

10. FIELD AND POOL, OR WILDCAT
Basin Dakota/Undes. Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW Sec. 4, T31N, R5W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6179' GR

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) completion			[X]
(Other)			[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved in and rigged up service unit 1/3/85. Total depth of the well is 8029' and plugback depth is 7970;. Pressure test production casing to 6250 psi. Perforated the following intervals: 7748'-7766', 7792'-7806', 7810'-7826', 7830'-7852', 2 jspf, .50" in diameter for a total of 140 holes. Fraced interval 7748'-7852' with 130,000 gal. 50# gel and 240,000# 20-40 sand. Perforated the following intervals: 6736'-6894', 6970'-7150', 1 jspf, .50" in diameter for a total of 338 holes. Fraced gallup interval 6736'-7150' with 140,000 gal 50# gel and 175,000# 20-40 sand.

Perforated interval 2775'-2776', 4 jspf, .50" in diameter for a total of 4 holes. Squeezed interval 1800'-2800' with 909 c.f. Class B 50:50 poz. Tailed in with 53 c.f. Class H Neat cement. Ran cement bond log (attached) which indicated the top of the cement to be at 2775'. Pressure tested to 3,000 psi.

Landed 2-3/8" tubing at 7865' and released the rig on 2/1/85.

RECEIVED
MAR 06 1985
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed By B. D. Shaw TITLE Administrative Supervisor DATE 2/13/85

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
FEB 27 1985
FARMINGTON RESOURCE AREA
BY Smy

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CEMENT BOND LOG

Computer Laser

BLUEJET LOGGING

COMPANY	TRUE DRILLING (AMOCO)
WELL	Rosa Unit # 107
FIELD	Basin Dakota/Gallup
COUNTY	Rio Arriba
STATE	N.M.

LOCATION — SEC. 4 TWP. 31N RGE. 5W

OTHER SERVICES

Permanent Datum	Ground Level	Elev. 6179	ELEV. KB 6192' DF 6191' GL 6179'
Measured From	RKB 13' Ft. Above Perm. Datum		
Drilling Measured From	RKB		

	1-28-85		
	One		
	CBL-VDL-DCL		
LER			
GER	3000		
Interval	3000	1530	
Interval			
HOLE	H20		
CL.			
	Full		
MP. DEG. F.			
G TIME	1 hr.		
	S. Buckingham		
	Mr. Max Jensen		

BORE – HOLE RECORD		CASING RECORD			
		13 3/8	54.5	Surface	400'
		9 5/8	11.6	Surface	8016'

G DATA	SURFACE STRING	PRODUCTION STRING	LINER
FD			
ME			
LOSS			
LURRY WATER			

CEMENTING DATA

The Well Name, Location, Cementing data & Borehole Description Furnished By Client

Preceding Fluid — Volume ____ bbl. Cement Pumped ____ bbl./min. @ ____ PSI

Returns? Full Partial none — Pipe Rot./Recip. During Pumping? Yes No — Pipe Rot./Recip. After Plug Down? Yes No

Plug Bumped? Yes No — Plug Landing Press ____ PSI — Press Held ____ Mts. After Pumping — Press Held ____ PSI

Centralizers ____ / Joint from ____ to ____ ; ____ / Joint from ____ to ____

Scratchers ____ / Joint from ____ to ____ ; ____ / Joint from ____ to ____

SQUEEZE JOB DETAIL

Date	
Depth Interval	
Preceding Fluid	
Cement Volume	
Cement Type/Wt	
FORMULATION:	
Maximum Press	
Pump Rate bbl/min	
Pump Press PSI	
Final Press PSI	

AVERAGE WELL DRIFT: ____ ° from ____ to ____ ; ____ ° from ____ to ____

LOGGING DATA

	RUN #1			RUN #2	
	CBL	G.R.	NEUT.	CBL	G.R.
Panel No.	SIE	SIE			
Serial No.					
Log Scale	5"	5"			
Units					
Sensitivity	0.32	8.61			
TC		2			
Zero (L-R)	0-R	13-L			
Speed (FPM)	30	30			
Interval					
Backgd C.P.S.		25-40			
Calib C.P.S.		100			

Expected Compressive Strength ____ PSI — Date Last Calibrated 1-28-85

EMARKS: Main Log run under 1000' PSI

Repeat run under "0" PSI

CBL Type/Serial No. ____

G.R. Type/Serial No. ____

N. Type/Serial No. ____

G.R. to Source Dist. ____

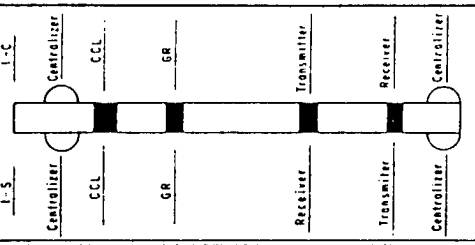
Source Model No. ____

Serial No. ____

C.C.L. Memory Distance ____ 7'

Service Order No. ____

DOWN HOLE EQUIPMENT



GAMMA RAY IN COUNTS PER SECOND

0 — FIRST SWEEP 50

50 — SECOND SWEEP 100

Casing Collars

DEPTH AND MINUTE MARKERS

AMPLITUDE

0 — AMPLITUDE (m.V.) 50

0 — AMPLITUDE (m.V.) 10

AMPLIFIED (X5)

TRAVEL TIME

1200 — ΔT TOTAL μ SEC. 200

300 — ΔT TOTAL μ SEC. AMPLIFIED (X10) 200

WAVE TRAIN DISPLAY

200 — (MICROSECONDS) TIME INCREASES — 1200

CASING BONDING CODE

100 - 90%

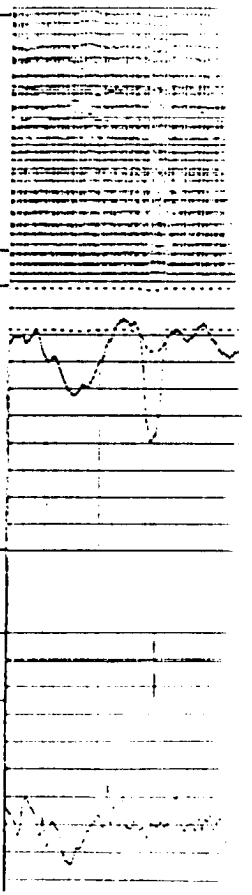
90 - 70%

70 - 0 %

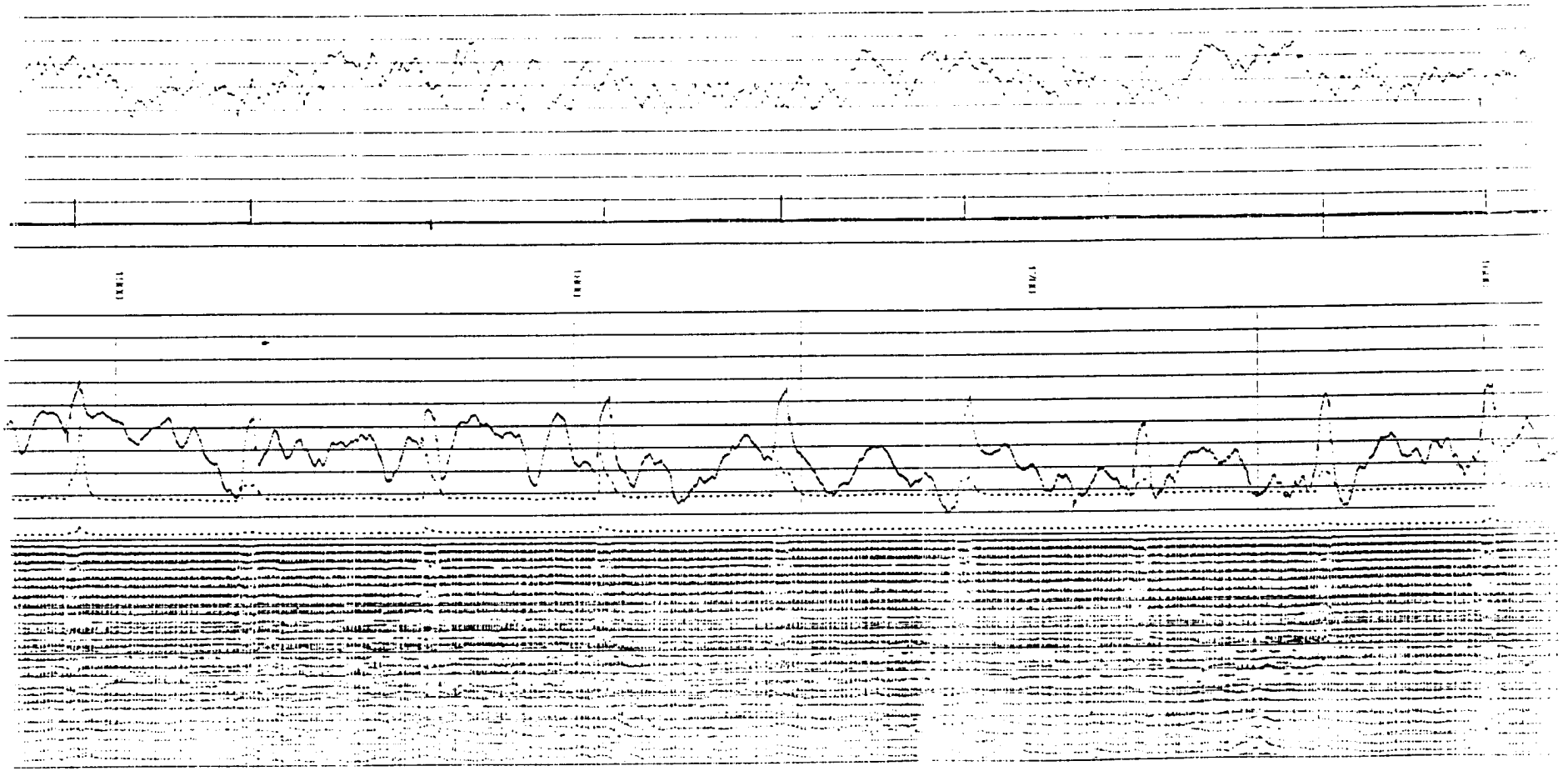
FULL WAVE SIGNATURE

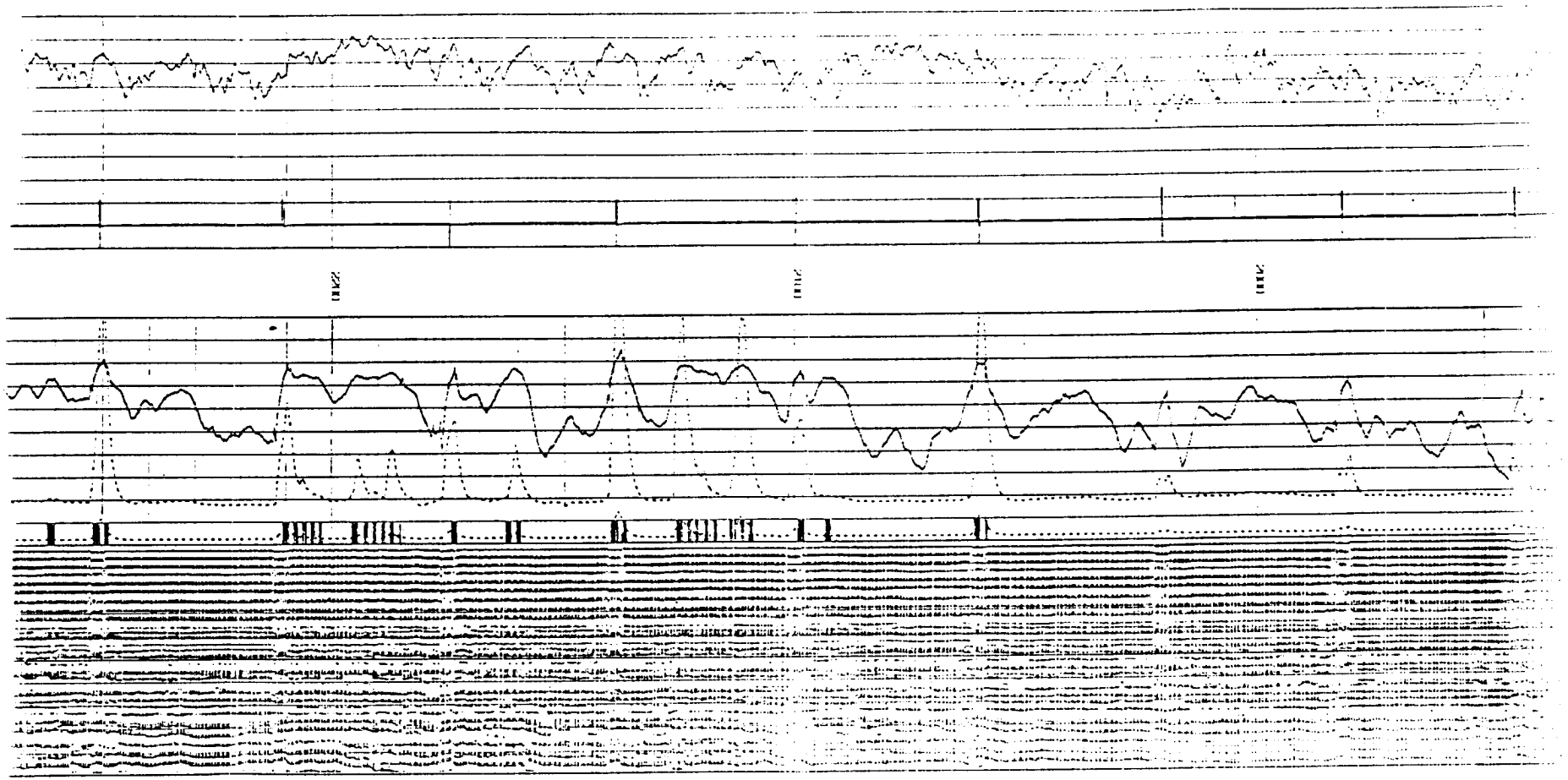
HALF WAVE SIGNATURE

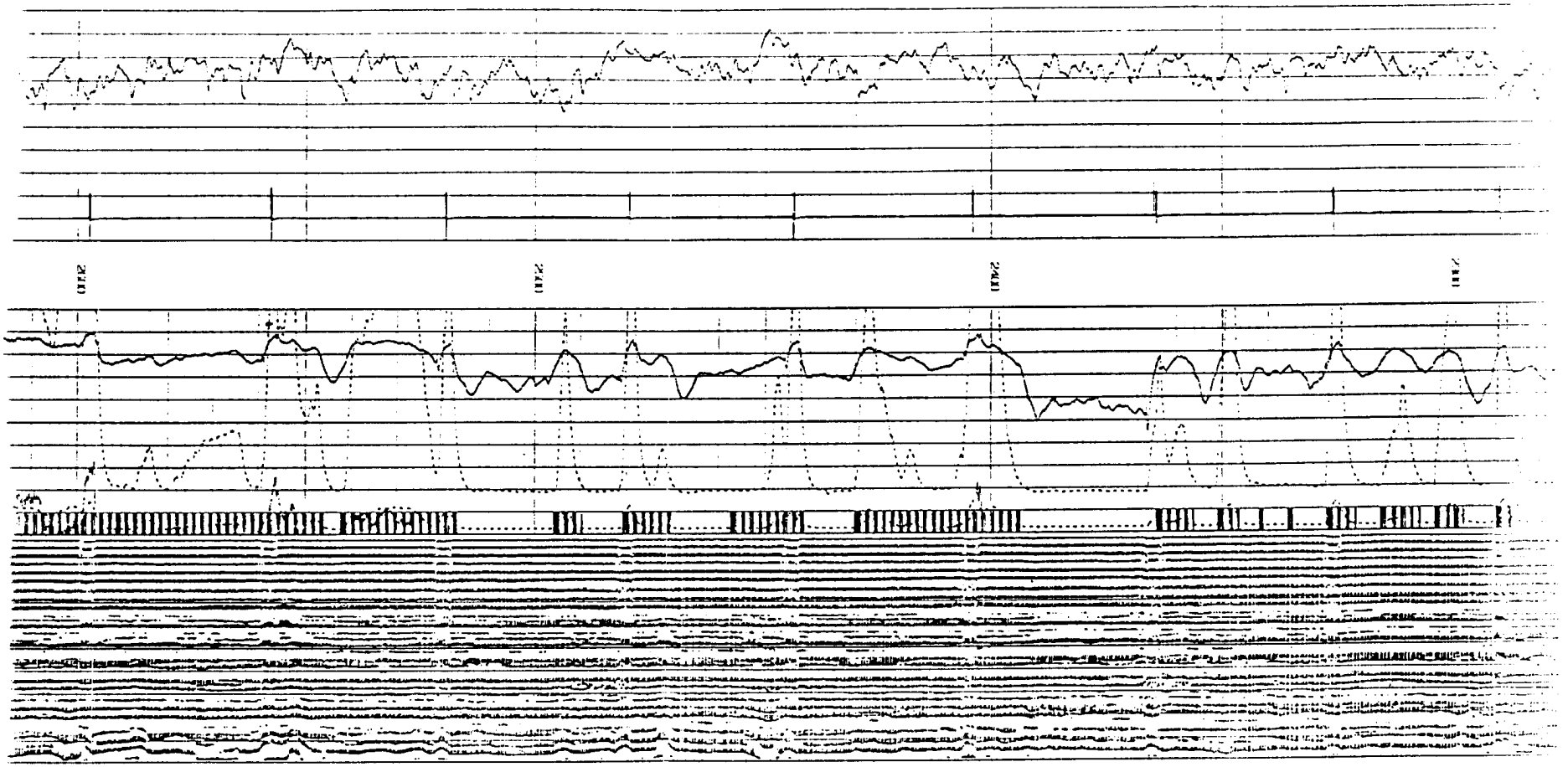
TIME INCREASES (MICROSECONDS) 0 — 1000



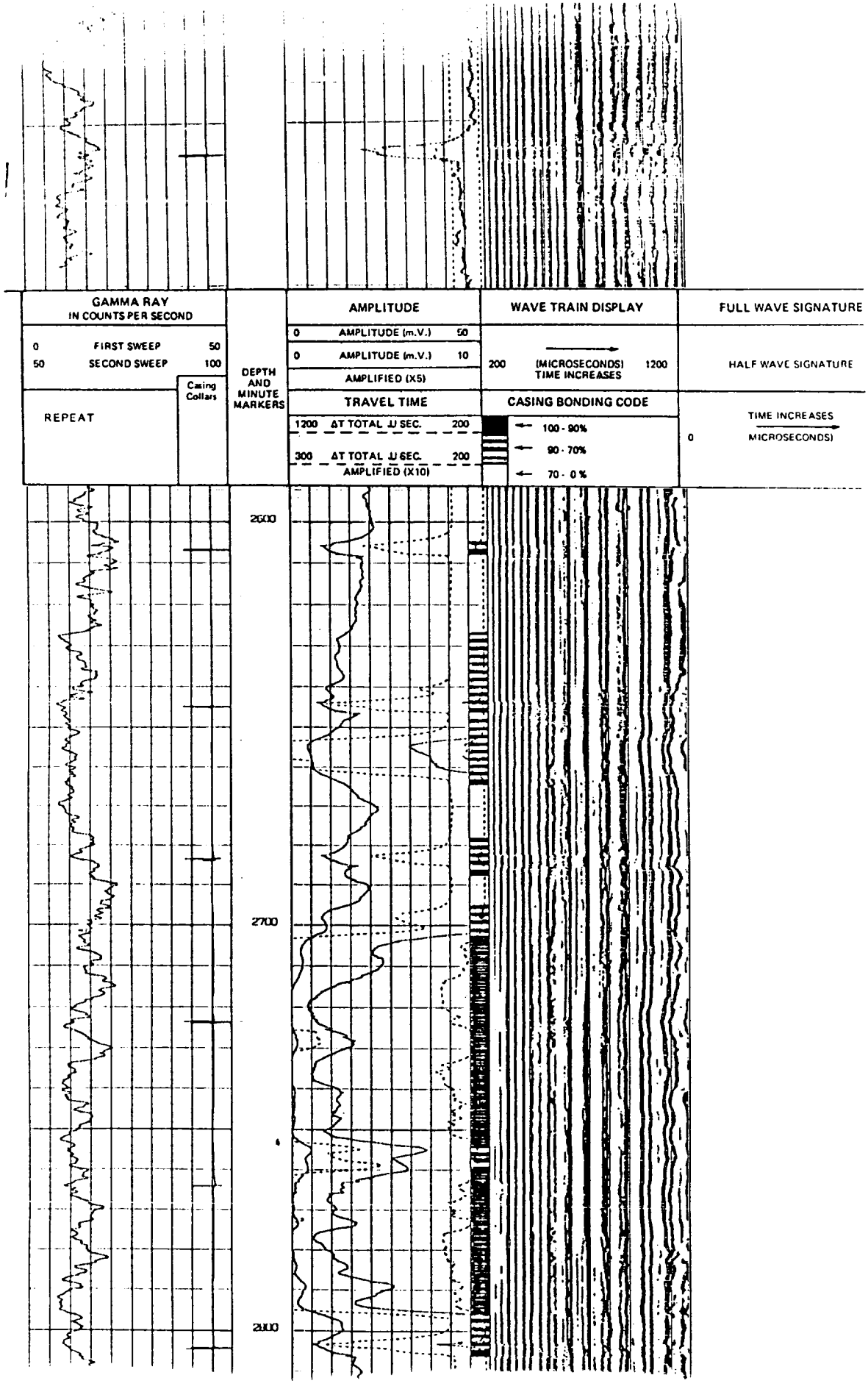
MAIN LOG

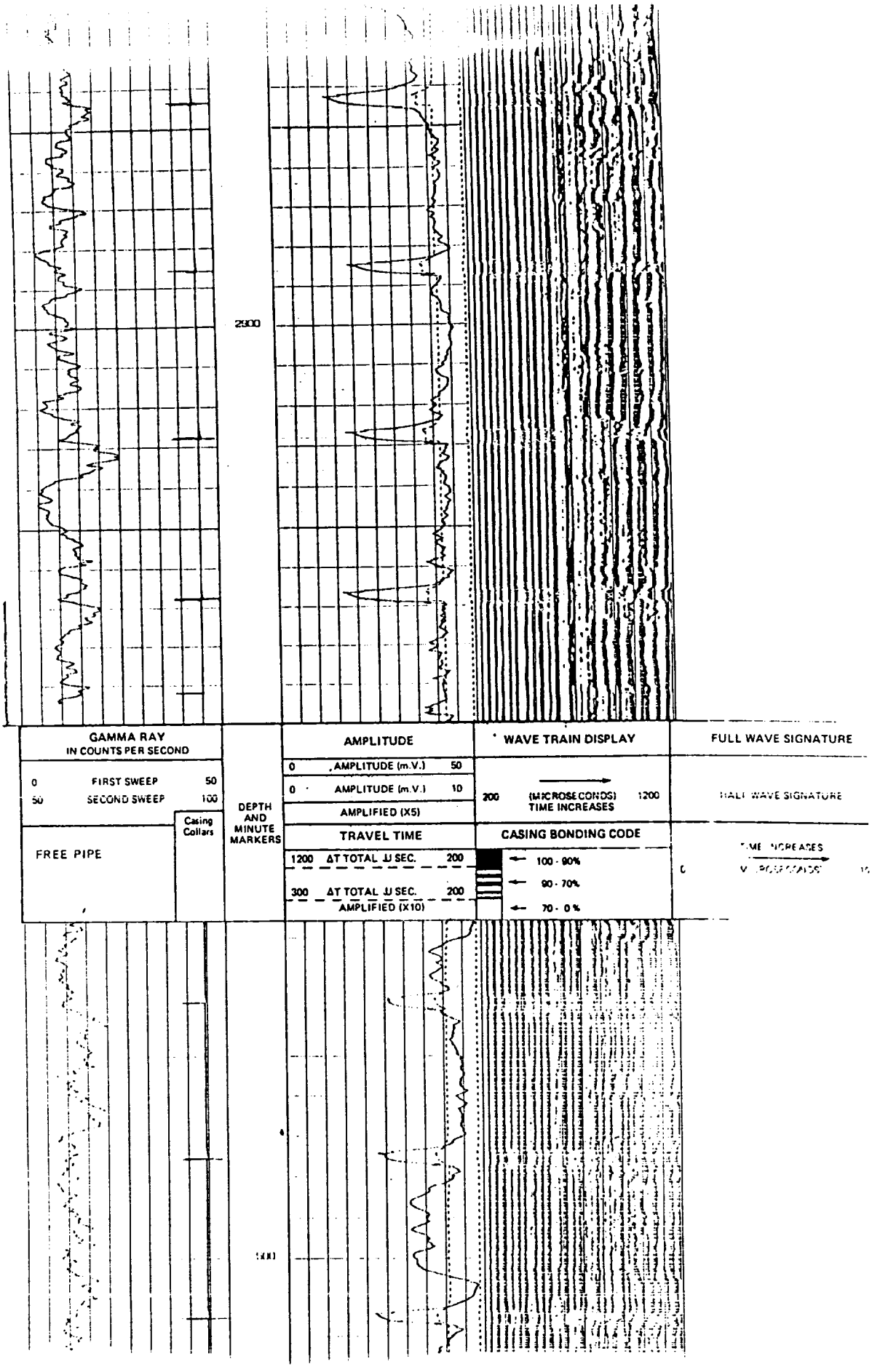


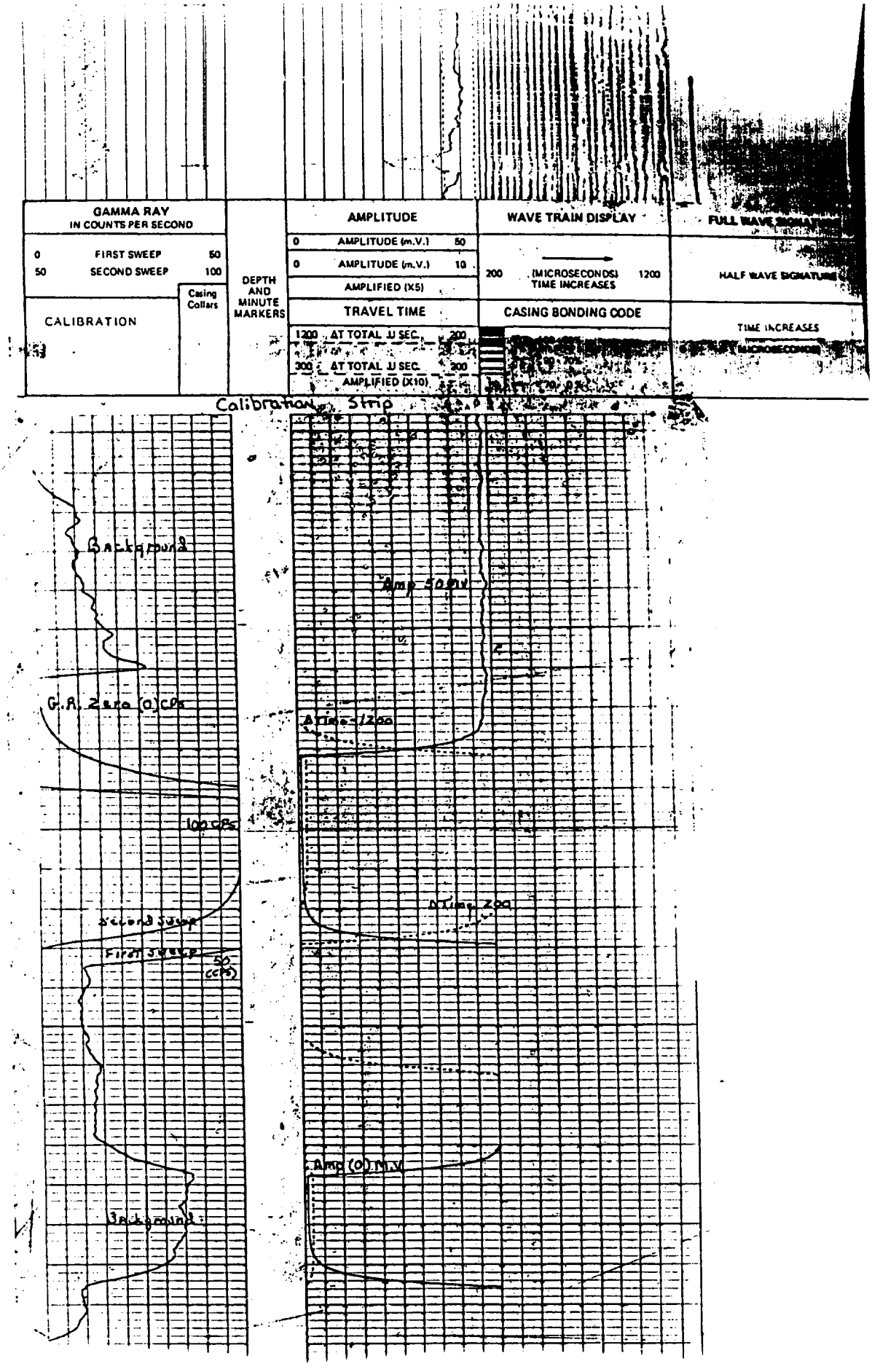




2700
2600
2500


GAMMA RAY
IN COUNTS PER SECOND
0 FIRST SWEEP 50
50 SECOND SWEEP 100
Casing Collars
REPEAT
DEPTH AND MINUTE MARKERS
AMPLITUDE
0 AMPLITUDE (m.V.) 50
0 AMPLITUDE (m.V.) 10
AMPLIFIED (X5)
TRAVEL TIME
1200 ΔT TOTAL μ SEC. 200
300 ΔT TOTAL μ SEC. 200
AMPLIFIED (X10)
WAVE TRAIN DISPLAY
200 (MICROSECONDS) 1200
TIME INCREASES
CASING BONDING CODE
100 - 90%
90 - 70%
70 - 0 %
FULL WAVE SIGNATURE
HALF WAVE SIGNATURE
TIME INCREASES
0 MICROSECONDS)
2600
2700
2800


2900
GAMMA RAY
IN COUNTS PER SECOND
0 FIRST SWEEP 50
50 SECOND SWEEP 100
Casing Collars
FREE PIPE
DEPTH AND MINUTE MARKERS
AMPLITUDE
0 AMPLITUDE (m.V.) 50
0 AMPLITUDE (m.V.) 10
AMPLIFIED (X5)
TRAVEL TIME
1200 ΔT TOTAL μ SEC. 200
300 ΔT TOTAL μ SEC. 200
AMPLIFIED (X10)
WAVE TRAIN DISPLAY
200 (MICROSECONDS) TIME INCREASES 1200
CASING BONDING CODE
100 - 90%
90 - 70%
70 - 0%
FULL WAVE SIGNATURE
HALF WAVE SIGNATURE
TIME INCREASES


GAMMA RAY
IN COUNTS PER SECOND
0 FIRST SWEEP 50
50 SECOND SWEEP 100
Casing Collars
CALIBRATION
DEPTH AND MINUTE MARKERS
AMPLITUDE
0 AMPLITUDE (m.V.) 50
0 AMPLITUDE (m.V.) 10
AMPLIFIED (X5)
TRAVEL TIME
1200 ΔT TOTAL μ SEC. 200
300 ΔT TOTAL μ SEC. 200
AMPLIFIED (X10)
WAVE TRAIN DISPLAY
200 (MICROSECONDS) 1200
TIME INCREASES
CASING BONDING CODE
FULL WAVE SIGNATURE
HALF WAVE SIGNATURE
TIME INCREASES
Calibration Strip
Background
Amp 50mv
G.R. Zero (0) cps
ΔTime-1200
100 cps
ΔTime 200
Second Sweep
First Sweep
50 (cps)
Amp (0) m.v
Background