FORM 925265

Dresser Atlas

DRESSER

Combination Logging Systems

Compensated **Densilog**
Compensated **Neutron**

FILE NO. GL02671

COMPANY E.G. & G. IDAHO INC.

WELL RRGP-5

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION:
NE SW
SEC 22 TWP 15S RGE 26E

Other Services
CDLC/BHC/GR
DIFF.TEMP.
DIFL

Permanent Datum G.L. Elev. 4988
Log Measured from K.B. 14 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 5002
DF
GL 4988

Date	5-29-78			
Run No.	ONE			
Service Order	97829			
Depth—Driller	3743			
Depth—Logger	3744			
Bottom Logged Interval	3742			
Top Logged Interval	1508			
Casing—Driller	13 3/8@ 1510	@	@	@
Casing—Logger	1508			
Bit Size	12 1/4			
Type Fluid in Hole	FLOCCULATED WATER			
Density and Viscosity	9.2 32			
pH and Fluid Loss	cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	2.3 @ 62°F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.7 @ 68°F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.8 @ 68°F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	MEAS MEAS		°F	
Rm @ BHT	0.72 @ 198°F	@ °F	@ °F	@ °F
Time Since Circ.	16 HRS.			
Max. Rec. Temp. Deg. F.	198°F	°F	°F	°F
Equip. No. and Location	6180 CODY			
Recorded By	L. LEBSOCK & J. WARD			
Witnessed By	MR. STEADMAN			

FOLD HERE

Remarks

EQUIPMENT DATA

	RUN NO.1			RUN NO.2			RUN NO.3		
	CDL	CNLog	GR	CDL	CNLog	GR	CDL	CNLog	GR
Series No	2207	2413	1306						
Serial No	29161	30911	31931						
Diameter	4 11/16	3 5/8	3 5/8						
Elec. No.	29161	30911	31931						
Detect. Model No.	1G9	1G10	D6G4						
Type	G-M	G-M	SCINT						
Dist. to Source			5'						
Source Model No.	S3T20	S17S20							
Serial No.	494	32730							
Computer No.	2254T	2254T							
Serial No	32924	31540							

Logging Data

Gamma Ray

Run No.	Depths From	Depths To	Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units/Div.
1	T.D.	CSG.	REC	2	474	0	15

Caliper

Scale 8" - 18"

Compensated Densilog

Run No.	Depths From	Depths To	Speed Ft./Min.	T.C. Sec.	Density Scale	Correction Scale	Porosity Scale Data
1	T.D.	CSG.	REC	CCTC	2.0-3.0	-.5-+.5	2% CD

Compensated Neutron

Run No.	Depths From	Depths To	Speed Ft./Min.	T.C. SS	T.C. LS	Sens. SS	Sens. LS	Zero	Porosity Units/Div.	Porosity Scale
1	T.D.	CSG.	REC	CCTC	CCTC	135	142	R 15	2%	SS

Porosity Scale 10 0 10 20 30

DENSITY — POROSITY %
ρ_{ma} 2.68 ρ_f 1.0

NEUTRON POROSITY %

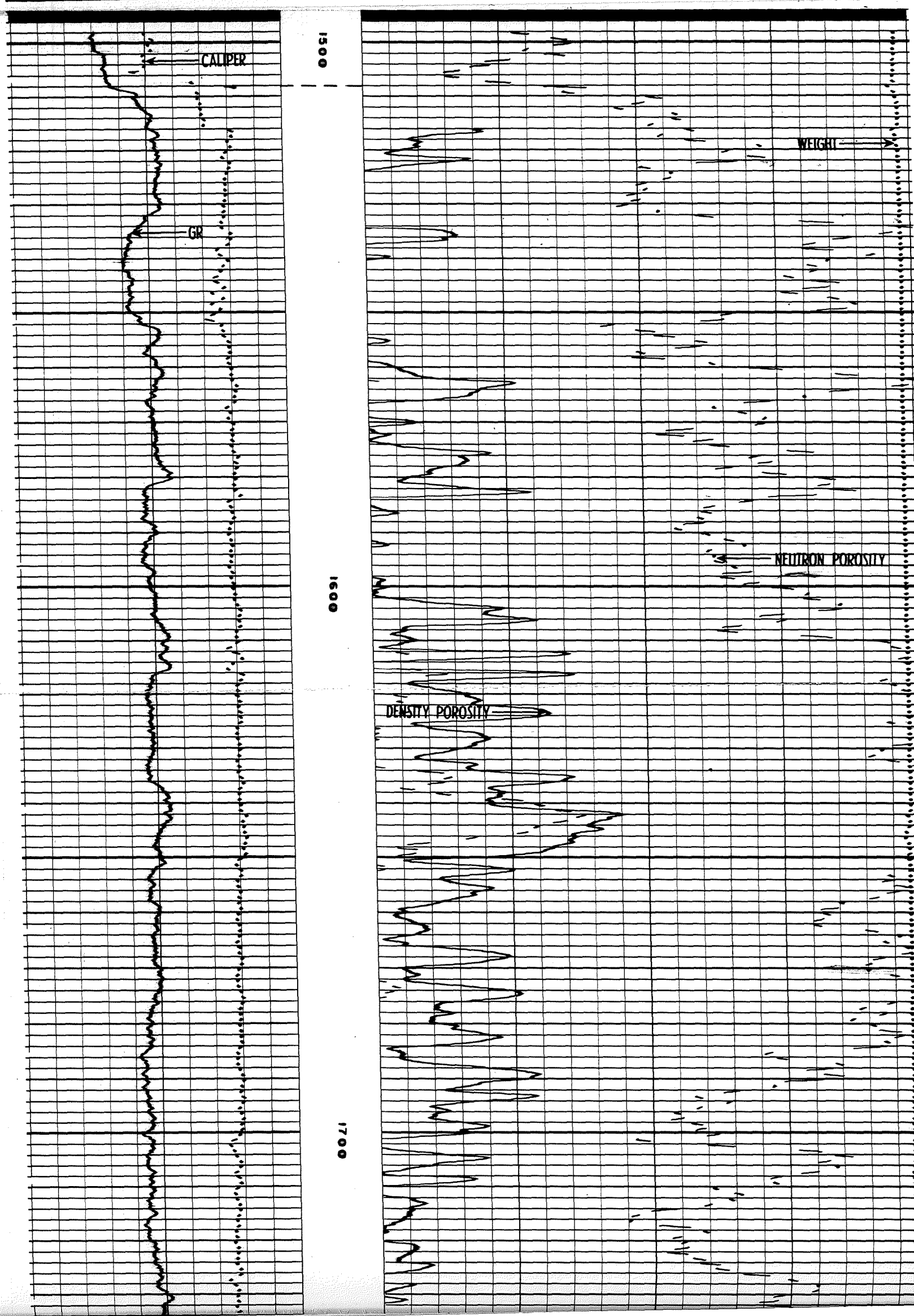
DEPTH

GAMMA RAY
API UNITS
0 150 150 300

FORM 925265-A

FORM 92526S-A

GAMMA RAY	DEPTH	DENSITY – POROSITY %
API UNITS 0 150 150 300		ρ_{ma} 2.68 ρ_f 1.0 30 20 10 0 -10
CALIPER		NEUTRON POROSITY % SANDSTONE MATRIX
HOLE-SIZE-INCHES 8" 18"		30 20 10 0 -10 TENSION ←LBS 500 / CD

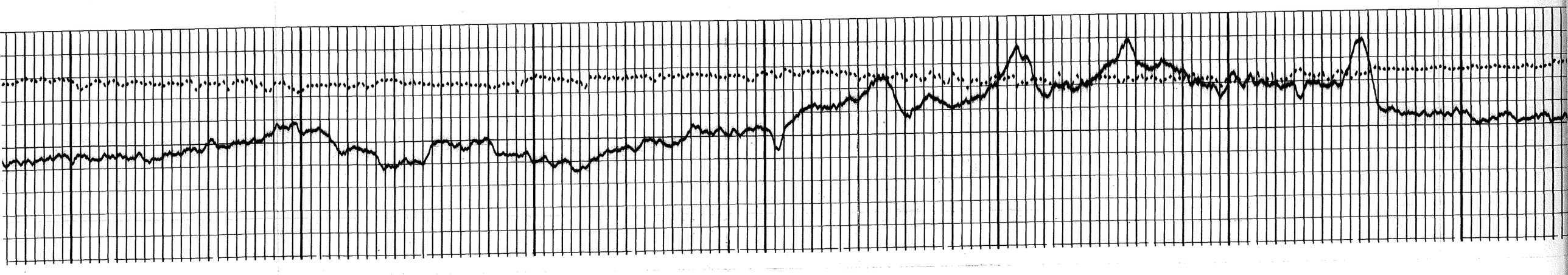


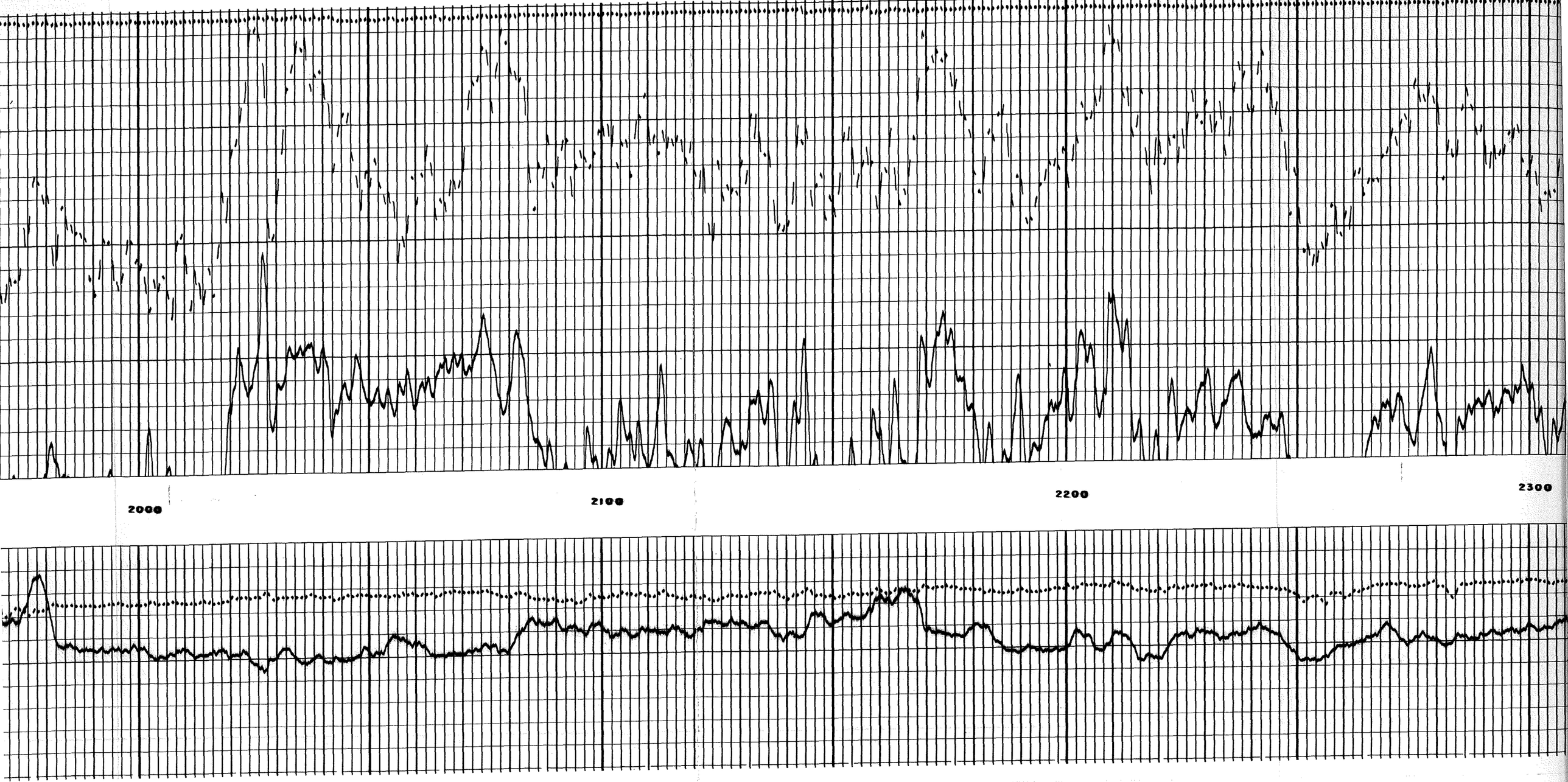
1700

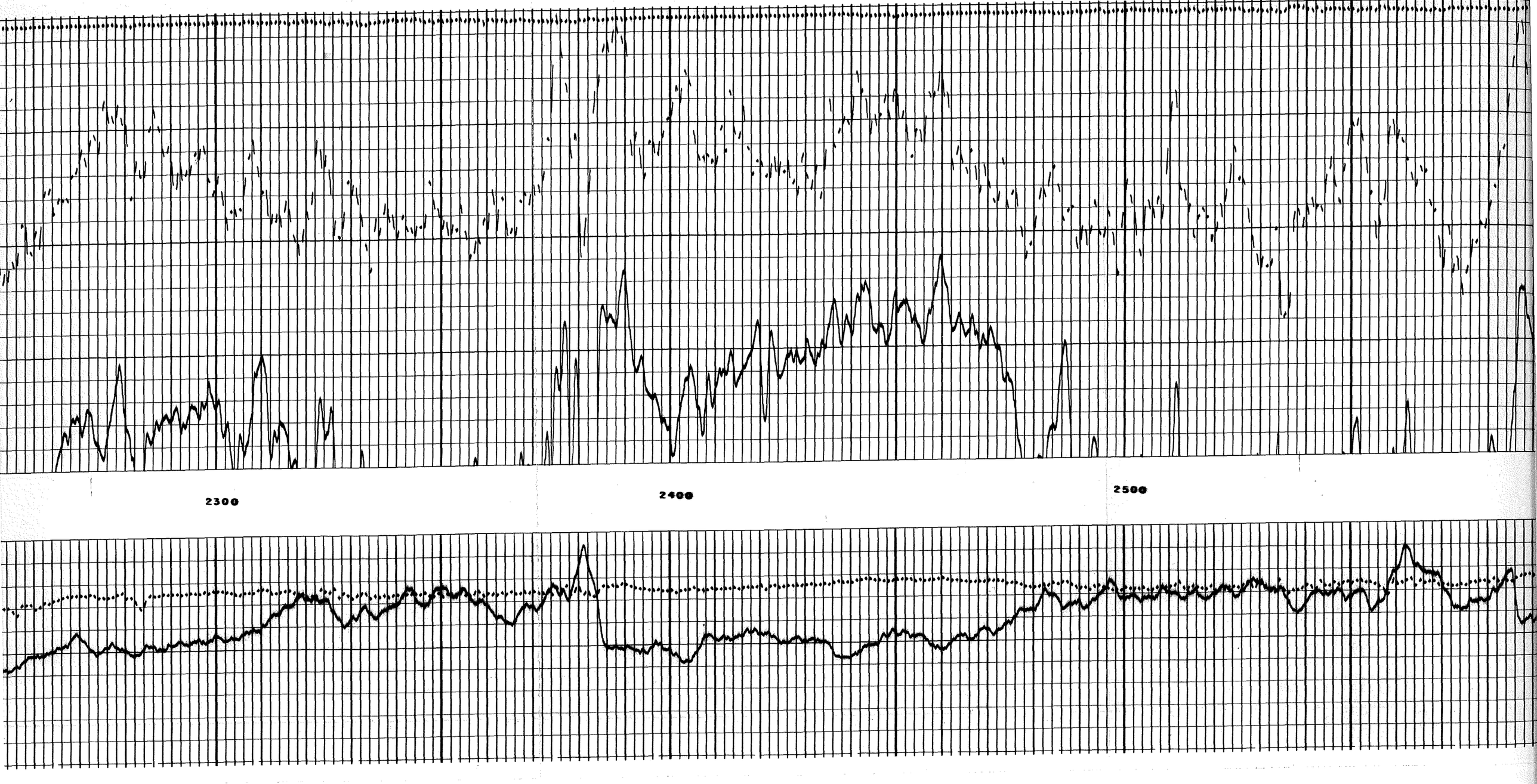
1800

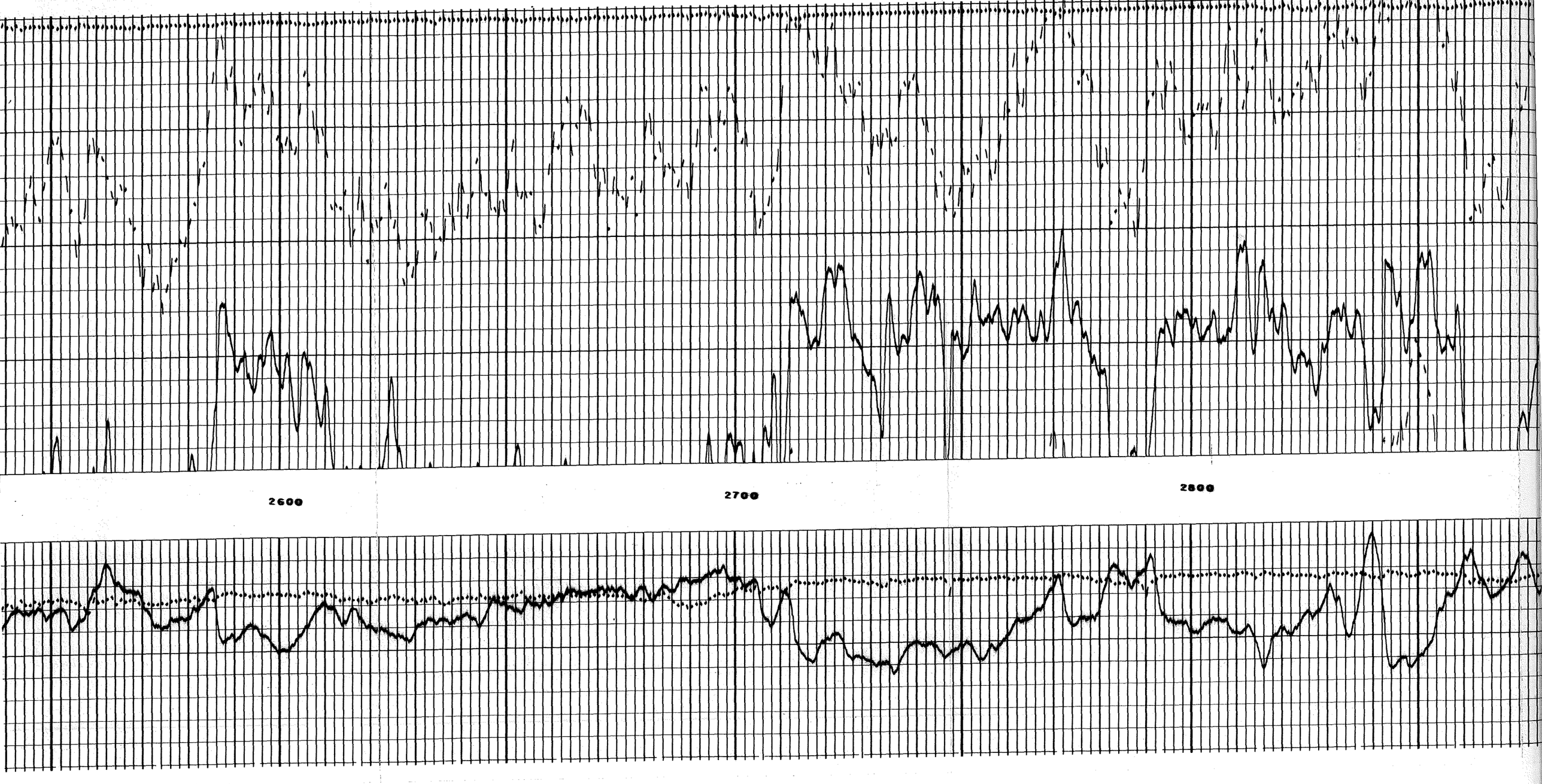
1900

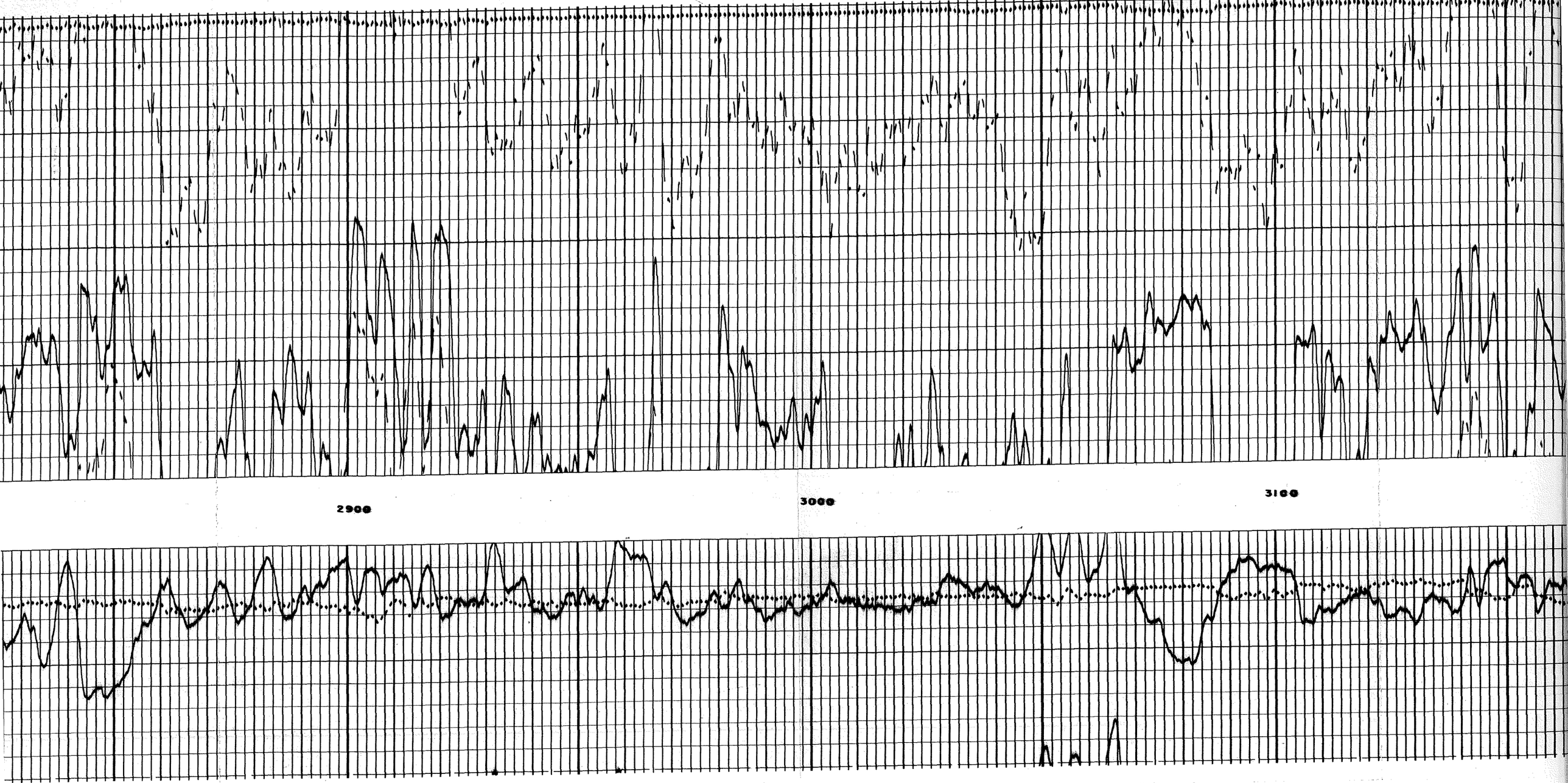
2000

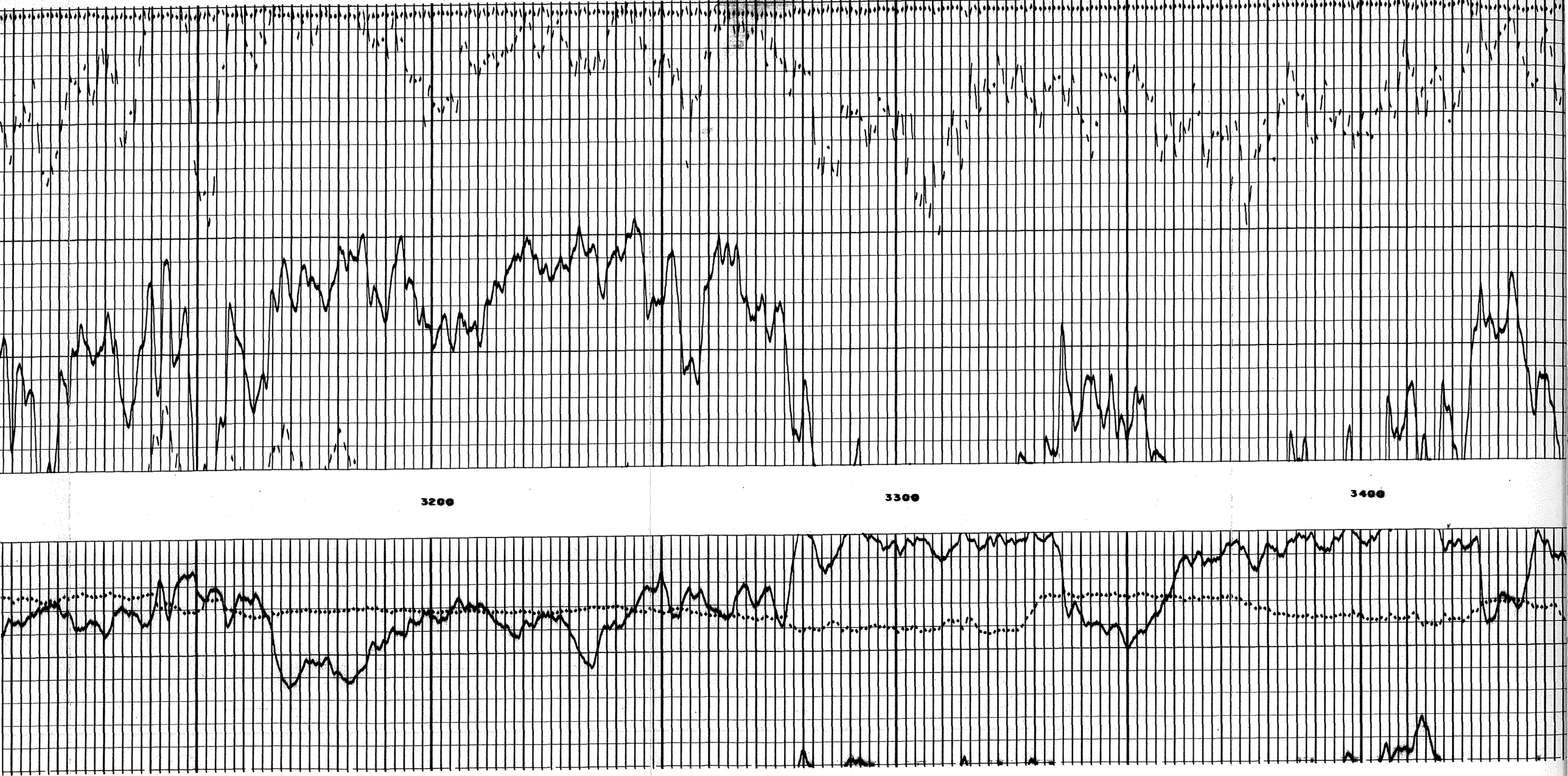


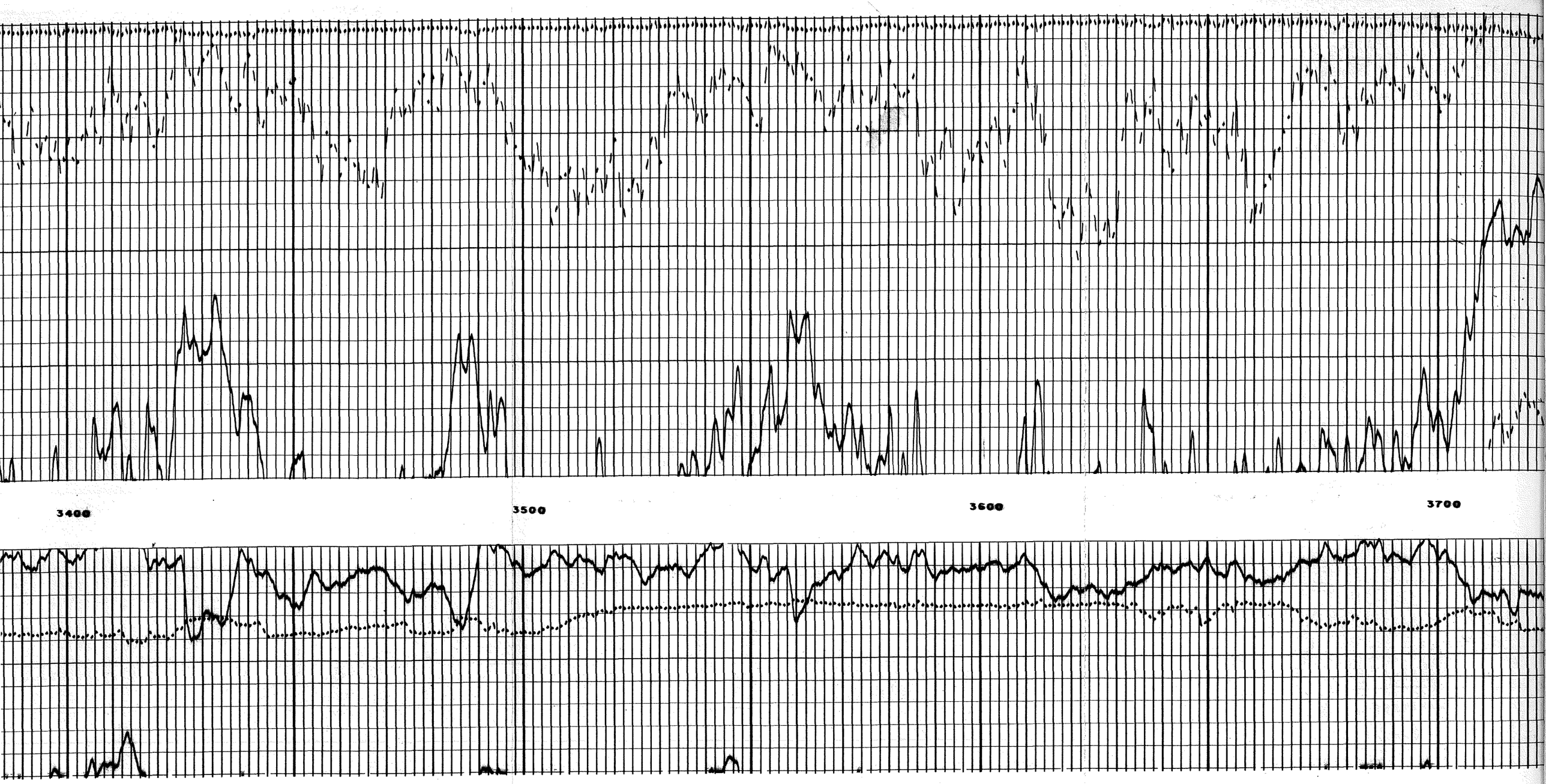

2000
2100
2200
2300

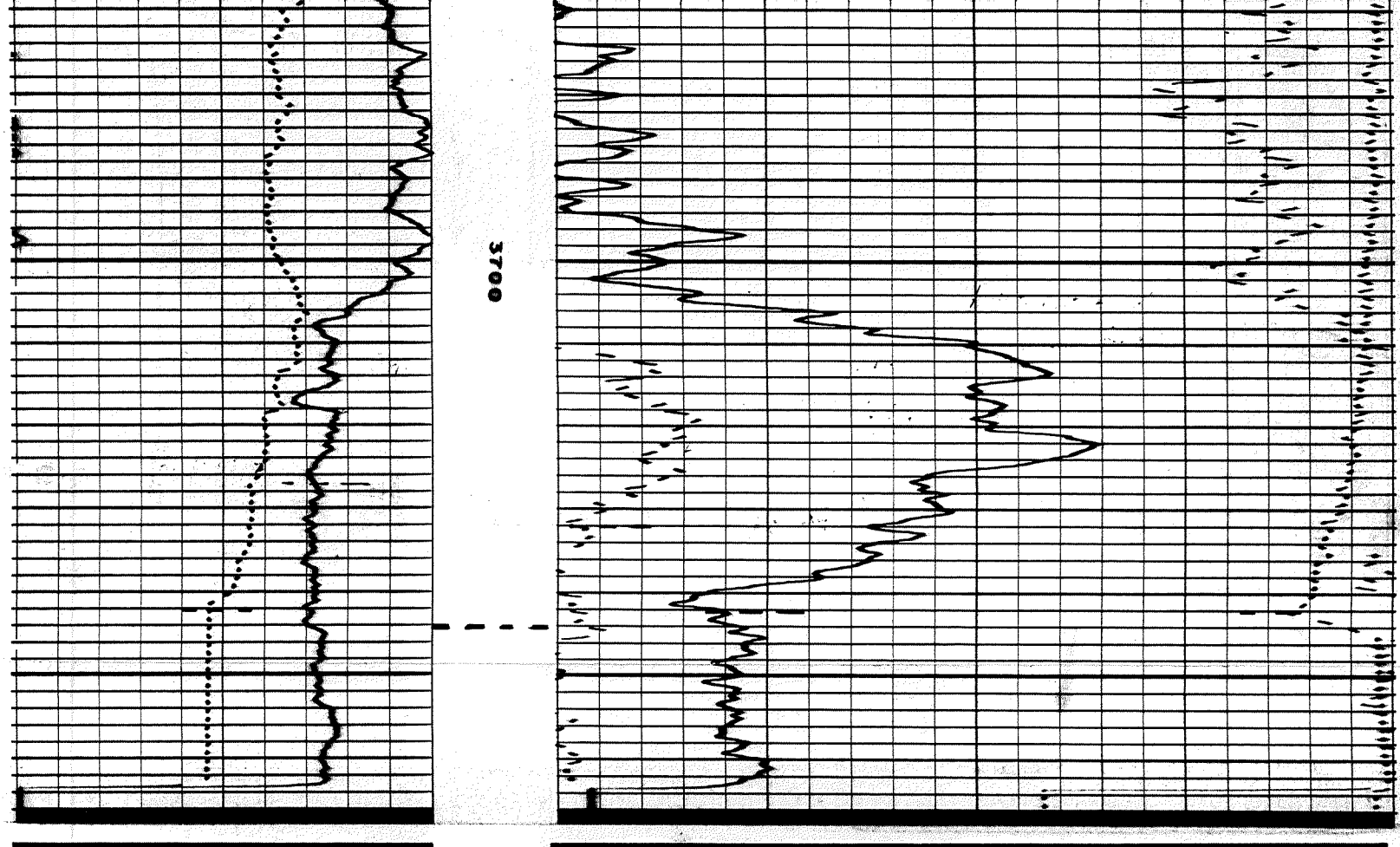

2300
2400
2500


2600
2700
2800


2900
3000
3100


3200
3300
3400


3400
3500
3600
3700



8" 18"
HOLE SIZE-INCHES

TENSION
LBS 500 /CD
30 20 10 0 -10

CALIPER

MATRIX
NEUTRON POROSITY %

0 150
150 300
API UNITS

30 20 10 0 -10

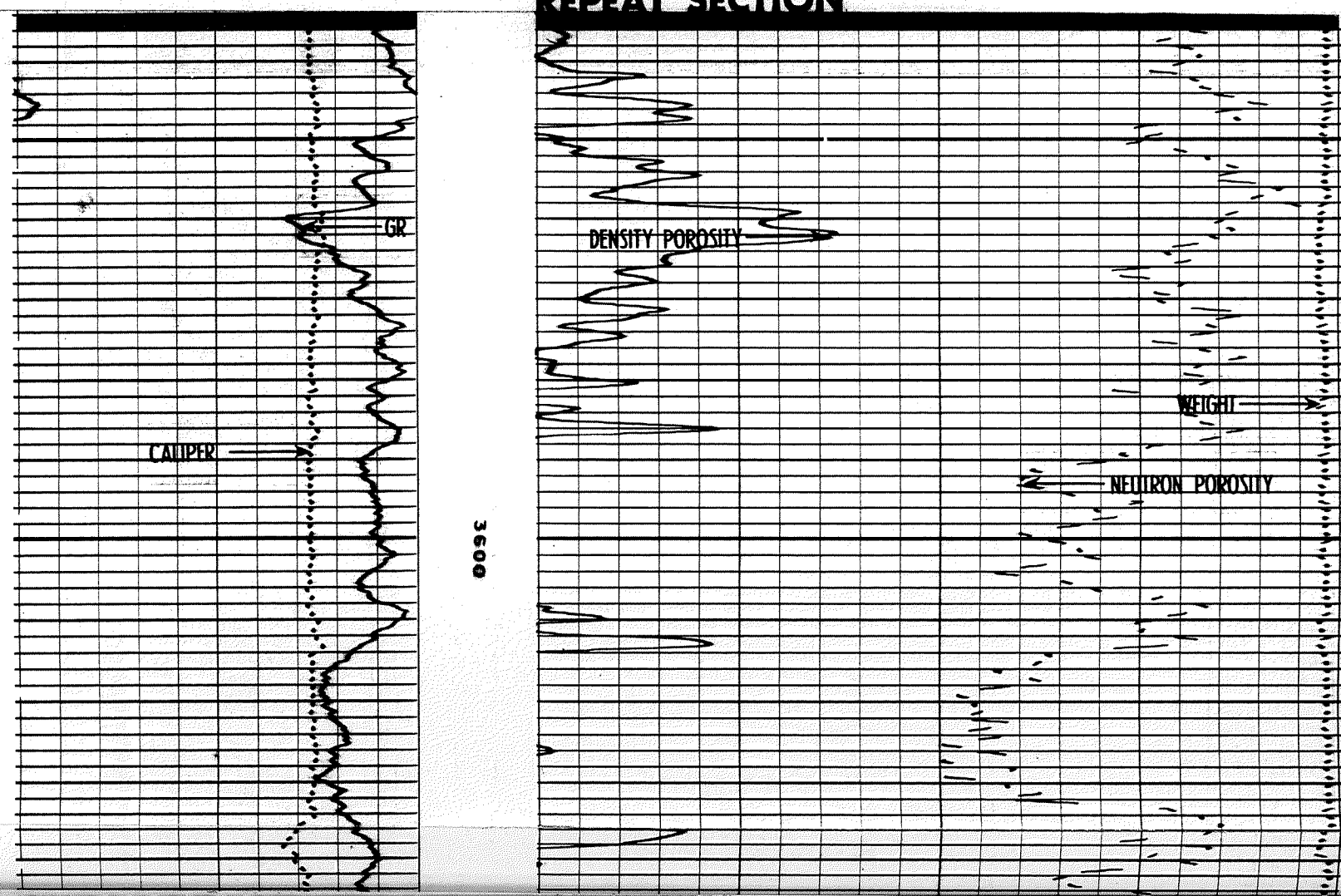
GAMMA RAY

DEPTH

ρ_{ma} 2.68 ρ_f 1.0
DENSITY – POROSITY %

Company	E.G. & G. IDAHO INC.	Drillers T.D.	3743
Well	RRGP-5	Log F.R.	3742
Field	RAFT RIVER GEOTHERMAL	Log T.D.	3744
County	CASSIA	Elevations:	
State	IDAHO	K.B. 5002	D.F. G.L. 4988

REPEAT SECTION



CALIPER

3600

NEUTRON POROSITY

3700

CALIBRATION NEUTRON LOG CALIBRATION
AFTER LOG

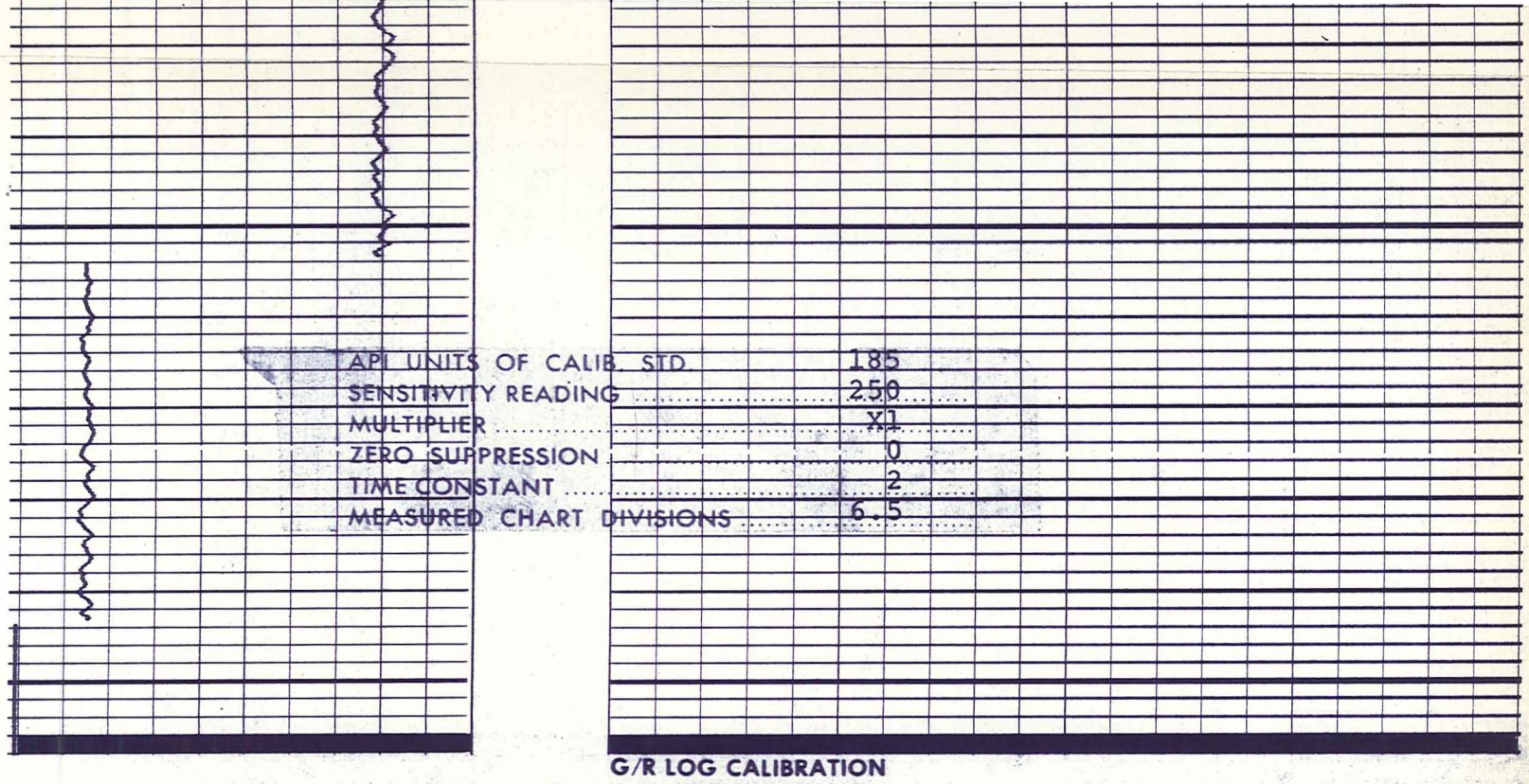
POROSITY

NEUTRON LOG CALIBRATION
BEFORE LOG

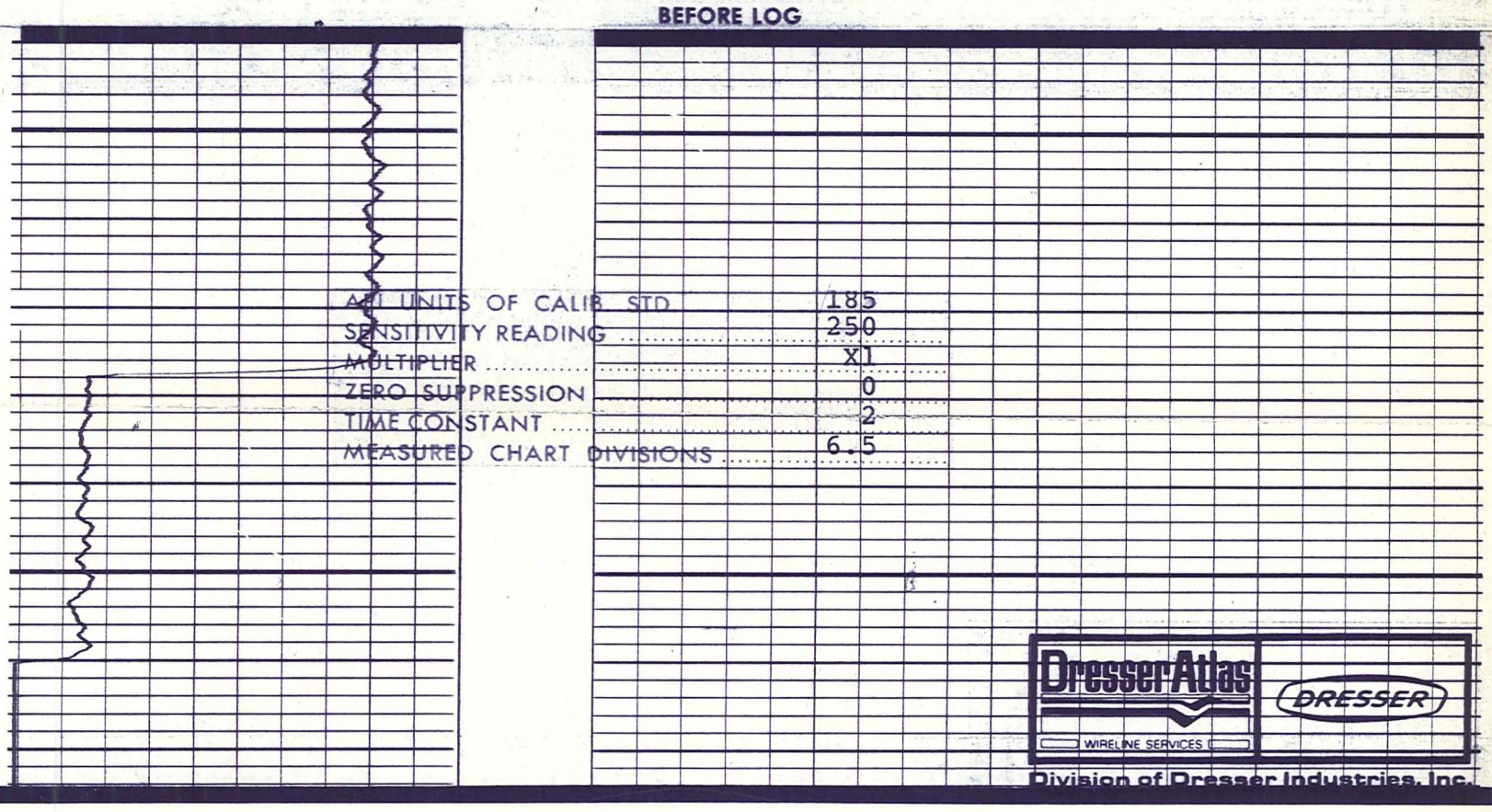
POROSITY

G/R LOG CALIBRATION
AFTER LOG

API UNITS OF CALIB. STD. 185
SENSITIVITY READING 250
MULTIPLIER X1



G/R LOG CALIBRATION
BEFORE LOG



Dresser Atlas
WIRELINE SERVICES
DRESSER
Division of Dresser Industries, Inc.