2

265

19-191

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG (WITH CALIPER)

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY SHELL OIL CO

WELL OCEAN CITY LAND COMPANY 1-14

FIELD OCEAN CITY AREA

COUNTY GRAYS HARBOR STATE WASHINGTON

LOCATION NW/4 SE/4

Sec. ____ Twp. ____ Rge. ____

Other Services:

Permanent Datum: GL, Elev. 31.35
Log Measured From RT, 12 Ft. Above Perm. Datum
Drilling Measured From RT

Elev.: ~~K.B.~~ RT 43.35
D.F. ____
G.L. ____

Date	7-2-70	7-13-70		
Run No.	1	2		
Depth—Driller	3530	4268		
Depth—Logger	3528	4268		
Btm. Log Interval	3528	4268		
Top Log Interval	919	3527		
Casing—Driller	9 5/8" @ 918	7 @ 3527	@	@
Casing—Logger	919	3527		
Bit Size	8 3/4"	6 1/8"		
Type Fluid in Hole	FRESH LIGNO	FRESH LIGNO		
Dens. / Visc.	124 / 75	129 / 81		
pH / Fluid Loss	9.2 / 4.7 ml	11.2 / 2.0 ml	ml	ml
Source of Sample	CIRC.	CIRC.		
R_m @ Meas. Temp.	2.45 @ 62 °F	0.8 @ 74 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.02 @ 72 °F	0.6 @ 62 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.0 @ 70 °F	1.67 @ 62 °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	M / M	M / M		
R_m @ BHT	1.6 @ 97 °F	0.5 @ 118 °F	@ °F	@ °F
Time Since Circ.	6	3		
Max. Rec. Temp.	97 °F	118 °F	°F	°F
Equip. / Location	3716 / SAC	3716 / SAC		
Recorded By	ANDERSON	ANDERSON		
Witnessed By	DYER	DYER		

SWS-1384-C

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.	Depth—Driller	Type Fluid in Hole	Dens.	Visc.	ph	Fluid Loss	Source of Sample	R_m @ Meas. Temp.	R_{mf} @ Meas. Temp.	R_{mc} @ Meas. Temp.	Source: R_{mf} / R_{mc}	R_m @ BHT	R_{mf} @ BHT	R_{mc} @ BHT
									@ °F	@ °F	@ °F		@ °F	@ °F	@ °F
									@ °F	@ °F	@ °F		@ °F	@ °F	@ °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

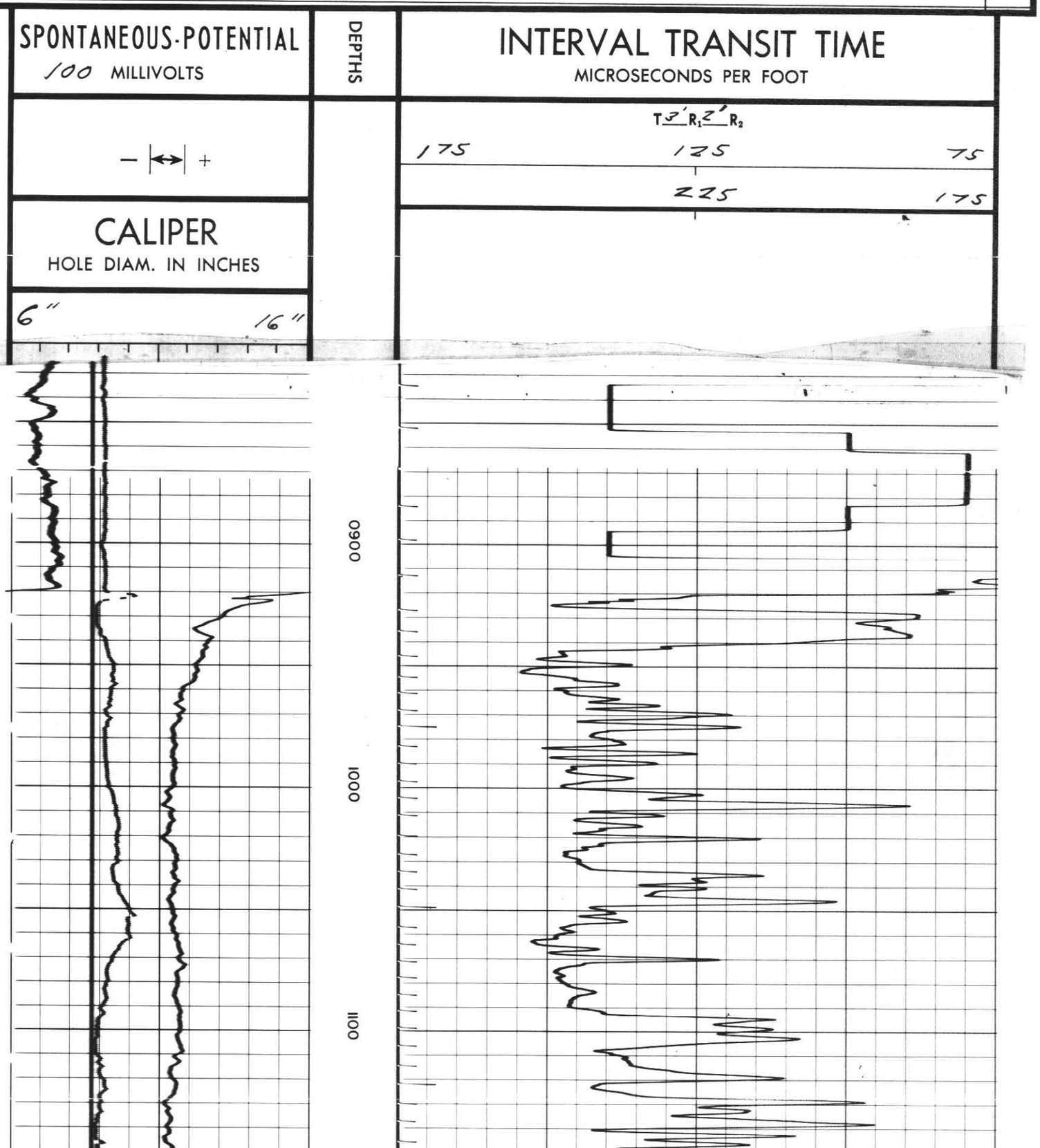
Equipment Data

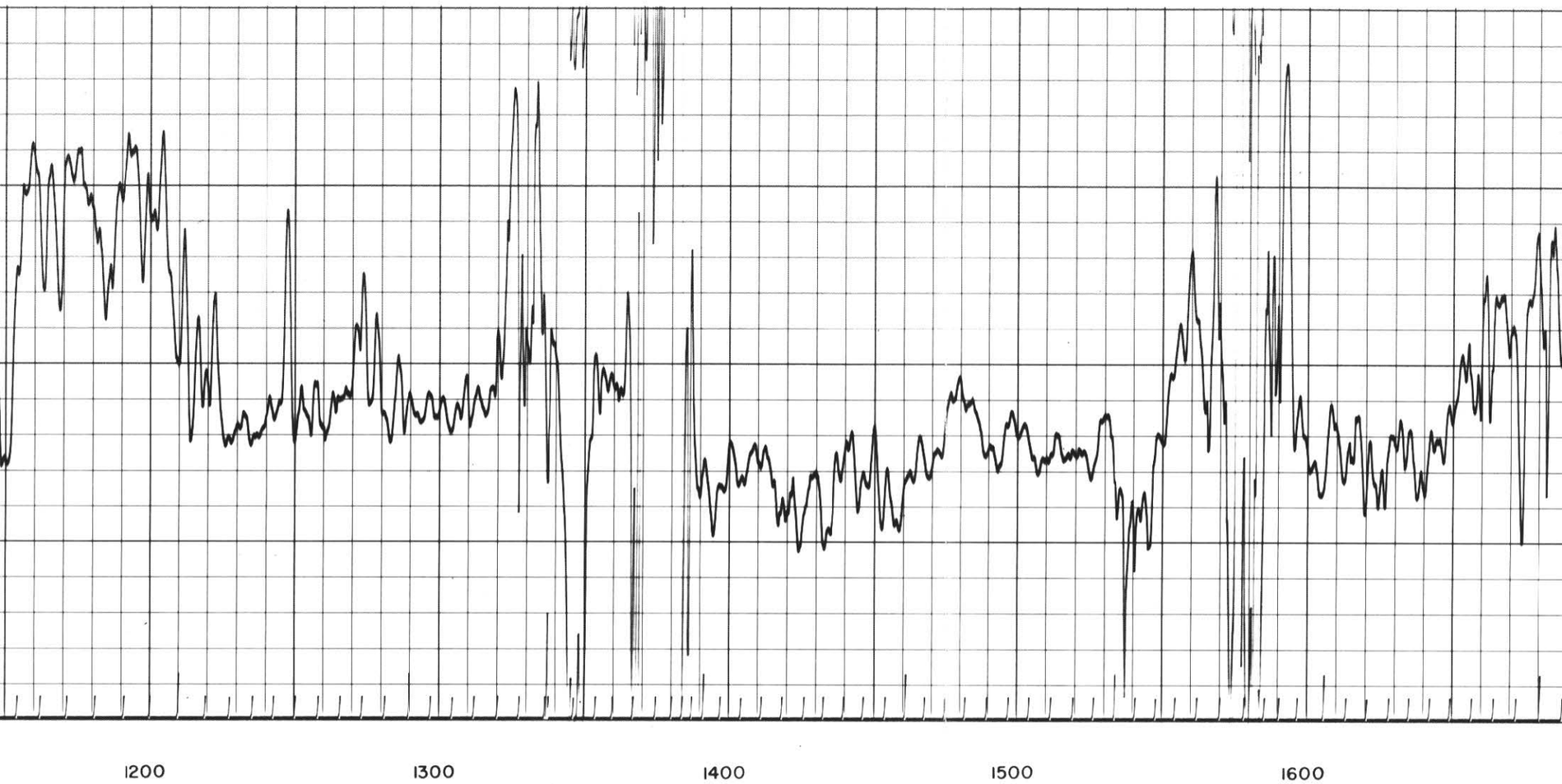
Run No.	Tool Type	Tool Position	Other
1	BHC	CENTERED	
2	BHC	FREE	

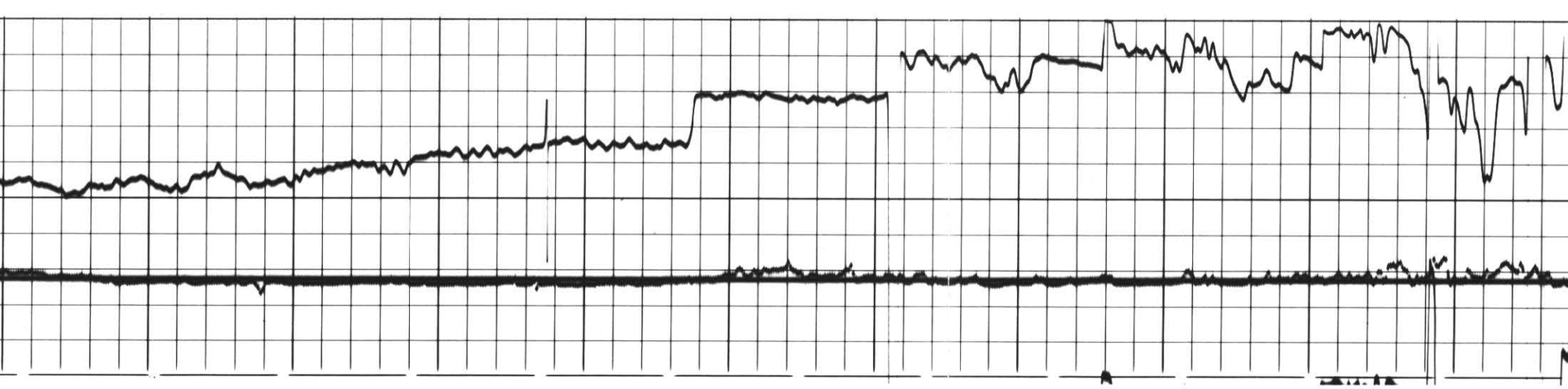
C.D.: S.O.:
Equip. Used: CART. No. SLC A52

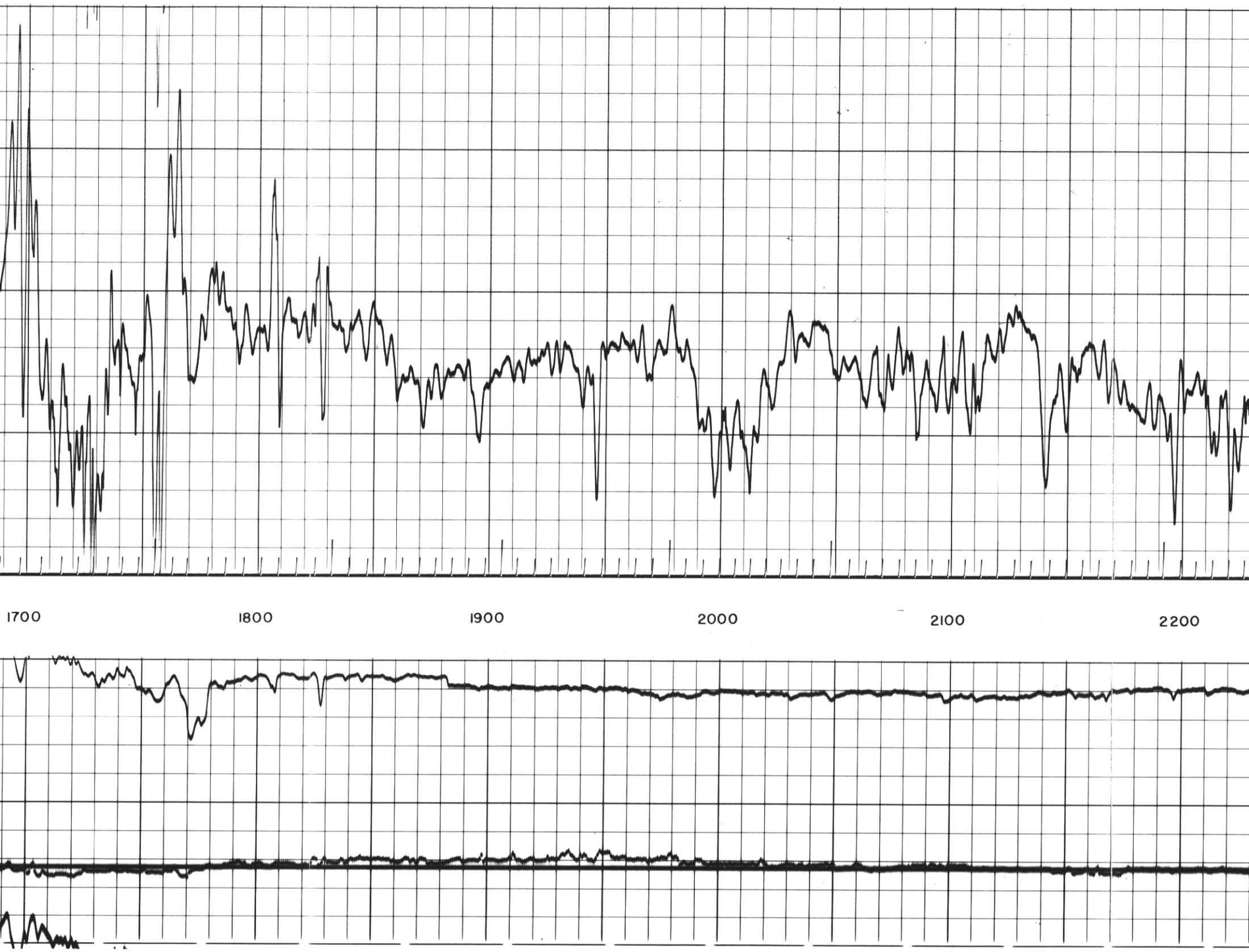
PANEL No. SLPA 32 ASZ
SONDE No. 5

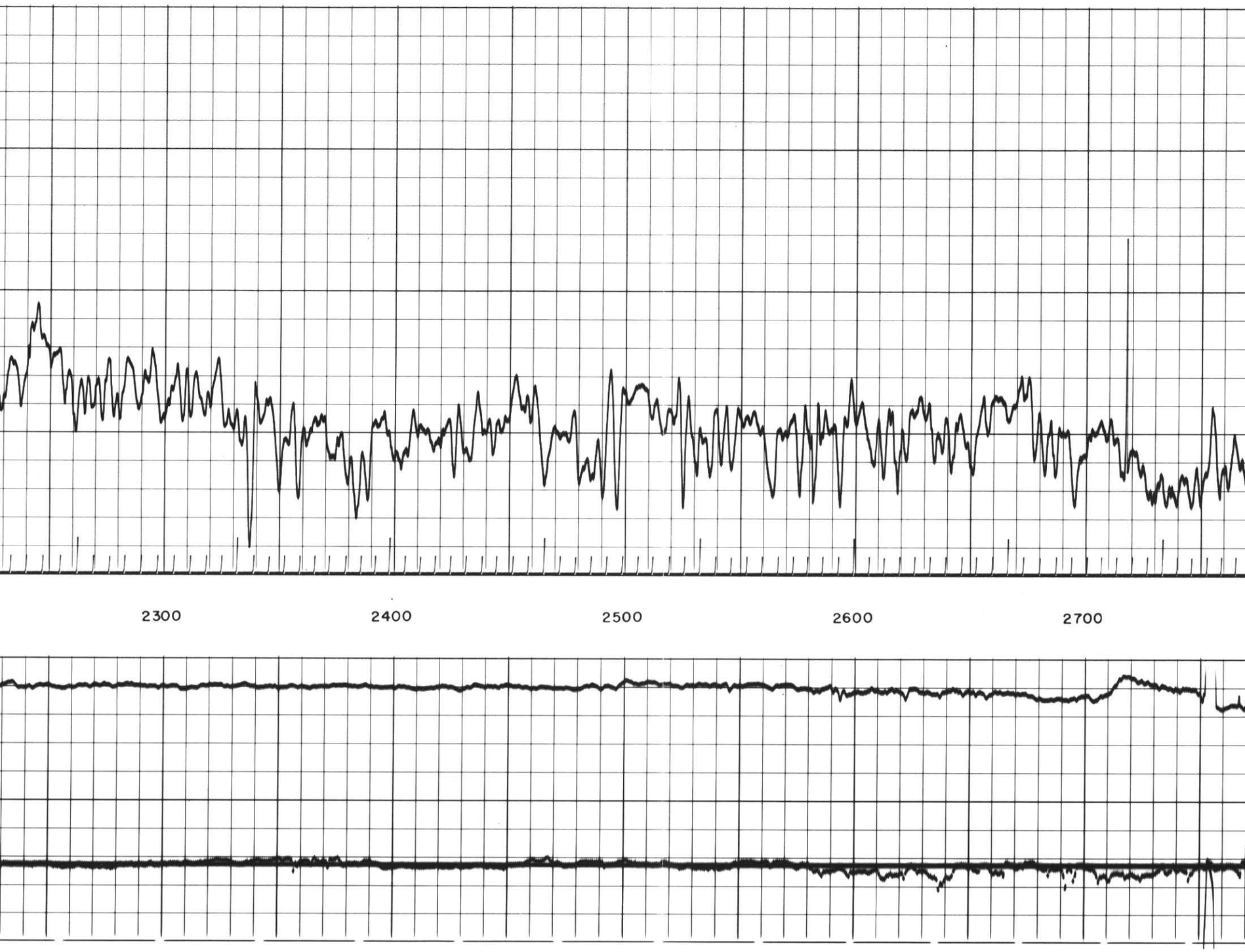
Velocity (feet per second) = $\frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$



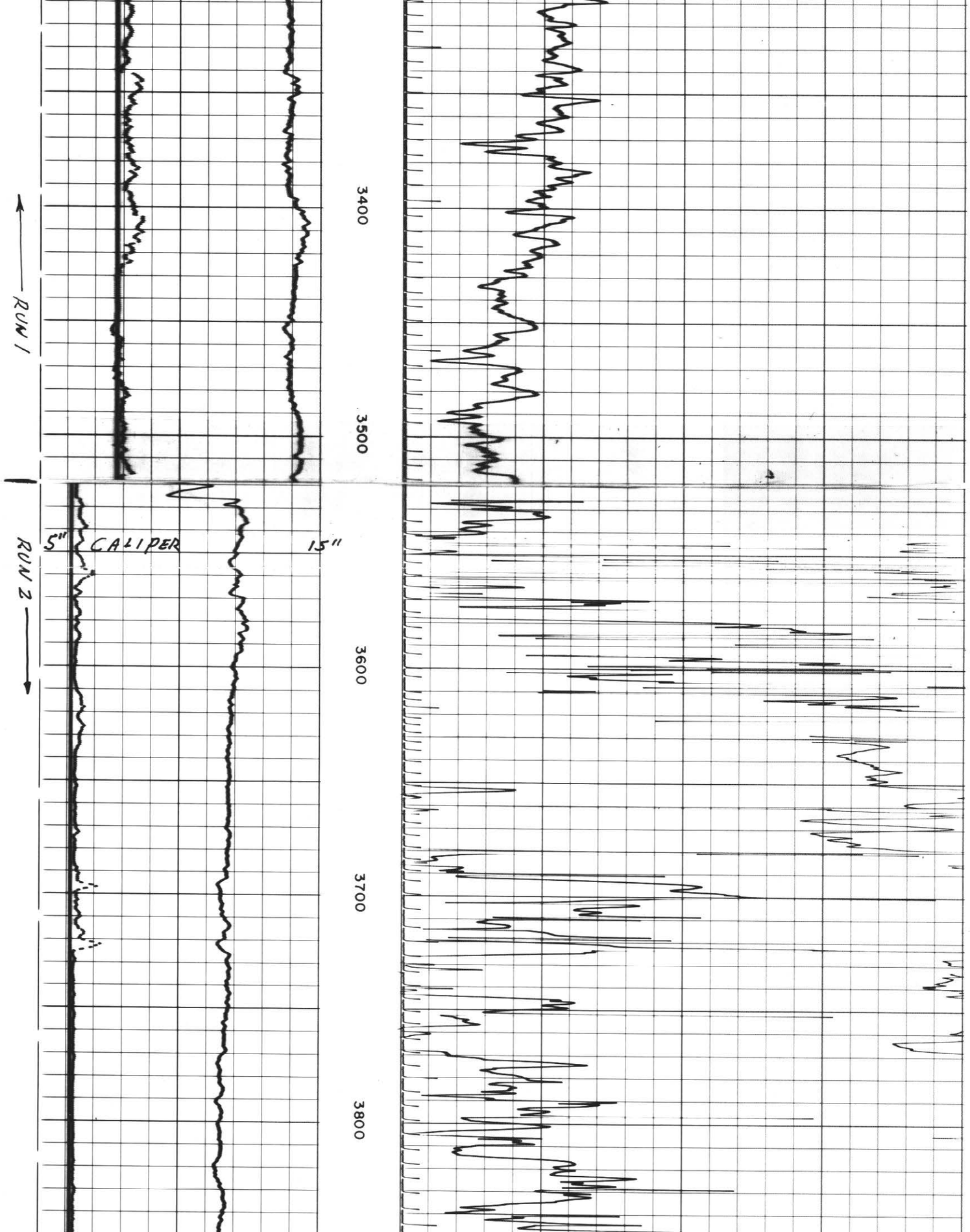

1200
1300
1400
1500
1600

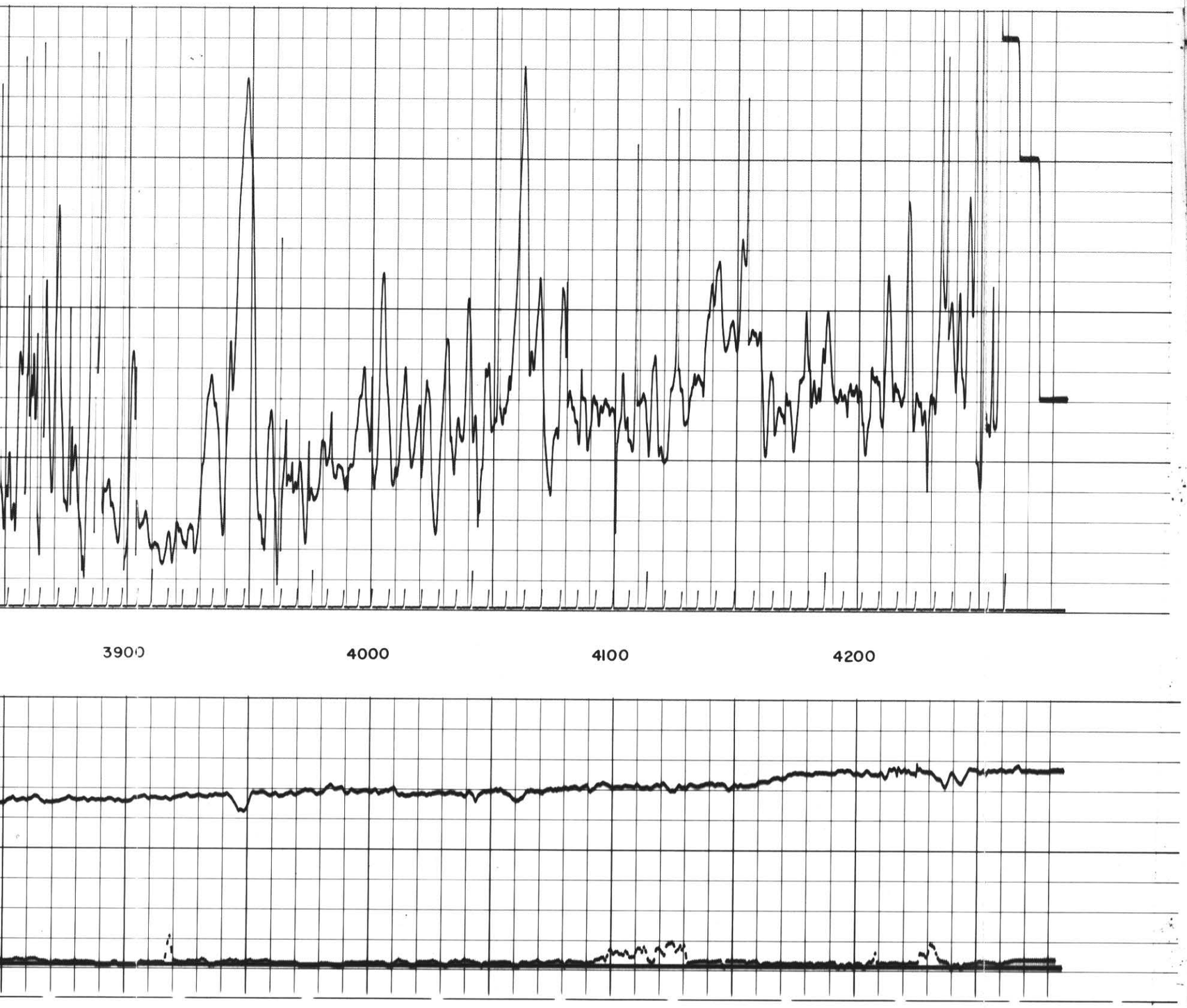


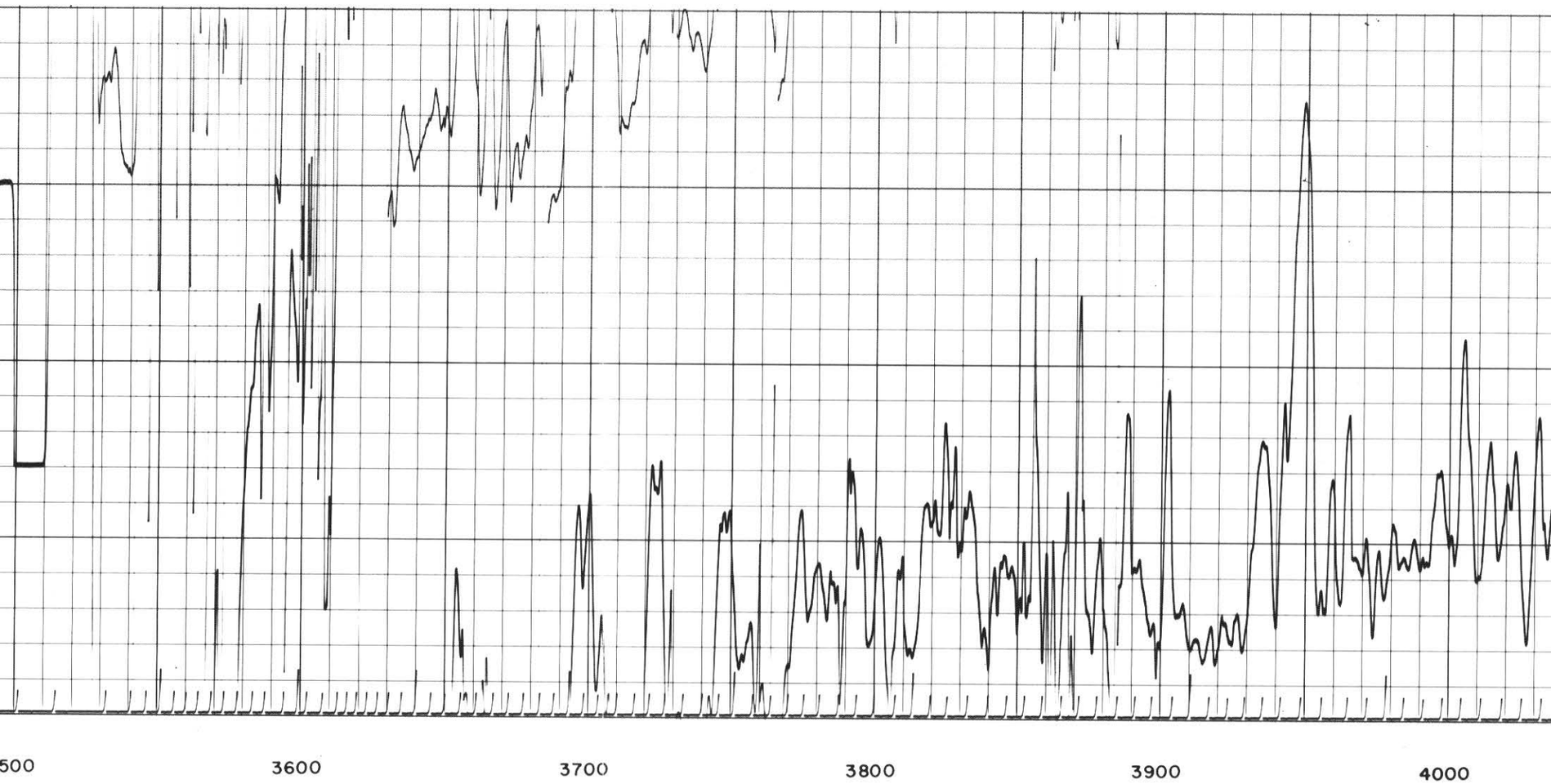

1700
1800
1900
2000
2100
2200

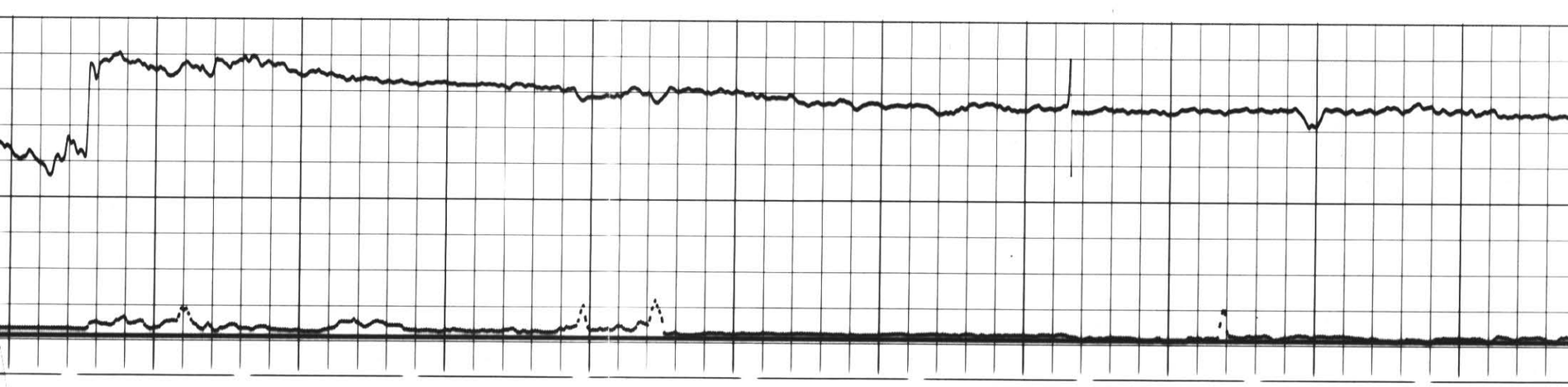

2300
2400
2500
2600
2700

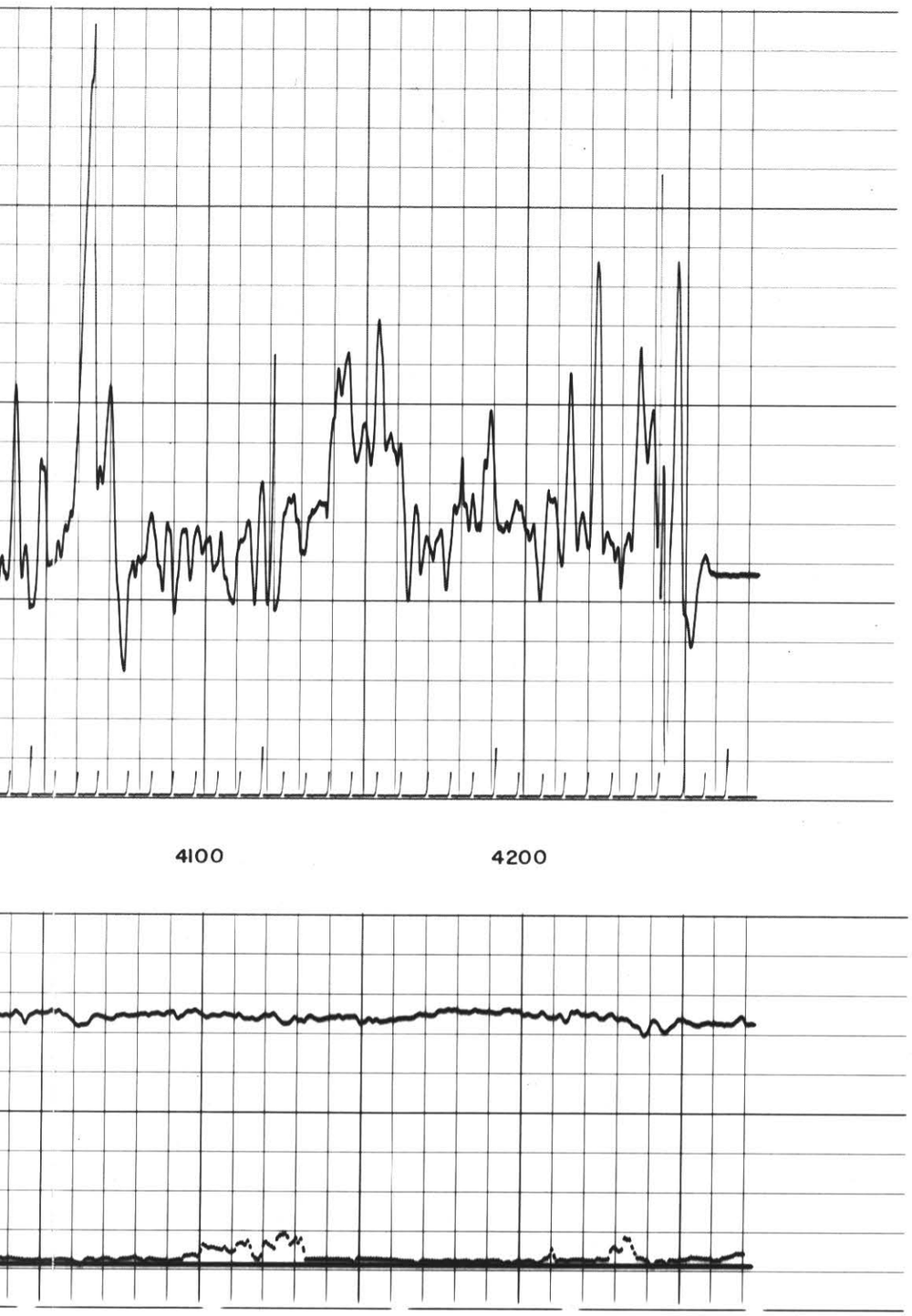
2800
2900
3000
3100
3200
3300


RUN 1
RUN 2
5" CALIPER
15"
3400
3500
3600
3700
3800


3900
4000
4100
4200


500
3600
3700
3800
3900
4000




4100
4200