19-189

258

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG (WITH CALIPER)

COUNTY / FIELD or LOCATION / WELL / COMPANY

COMPANY Shell Oil Company

CONFIDENTIAL

WELL Shell McCleave 1-33 (Strat Test 25)

FIELD OCA Pacific Beach

COUNTY Grays Harbor STATE Washington

LOCATION SW/4 NW/4

Sec. 33 Twp. 20 N Rge. 12W

Other Services:

Permanent Datum: GL, Elev. 121.21

Log Measured From DF, 10½ Ft. Above Perm. Datum

Drilling Measured From DF

Elev.: K.B. ____ D.F. 131.71 G.L. ____

Date	6-7-70			
Run No.	1			
Depth—Driller	1344			
Depth—Logger	1341			
Btm. Log Interval	1340			
Top Log Interval	641			
Casing—Driller	9 5/8 @ 640	@	@	@
Casing—Logger	641			
Bit Size	8 3/4			
Type Fluid in Hole	Fresh			
Dens. / Visc.	96 / 53			
pH / Fluid Loss	10.4 / 12 ml	ml	ml	ml
Source of Sample	Flowline			
R_m @ Meas. Temp.	3.30 @ 63 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.10 @ 65 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	4.25 @ 65 °F	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	M / M			
R_m @ BHT	2.35 @ 88 °F	@ °F	@ °F	@ °F
Time Since Circ.	6			
Max. Rec. Temp.	88 °F	°F	°F	°F
Equip. / Location	3716 / SAR			
Recorded By	Andersen			
Witnessed By	Gause			

FOLD HERE

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

REMARKS

Scale Changes: Type Log | Depth | Scale Up Hole | Scale Down Hole

Equipment Data: Run No. | Tool Type | Tool Position | Other

Run No. 1 | Tool Type BHC | Tool Position Centered

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

SWS—1384-C

C.D.: 0 scd S.O.:

Equip. Used: CART. No. A 61

PANEL No. A52

SONDE No. A32

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

SPONTANEOUS-POTENTIAL

MILLIVOLTS

– 10 +

CALIPER

HOLE DIAM. IN INCHES

5" 15"

DEPTHS

0600

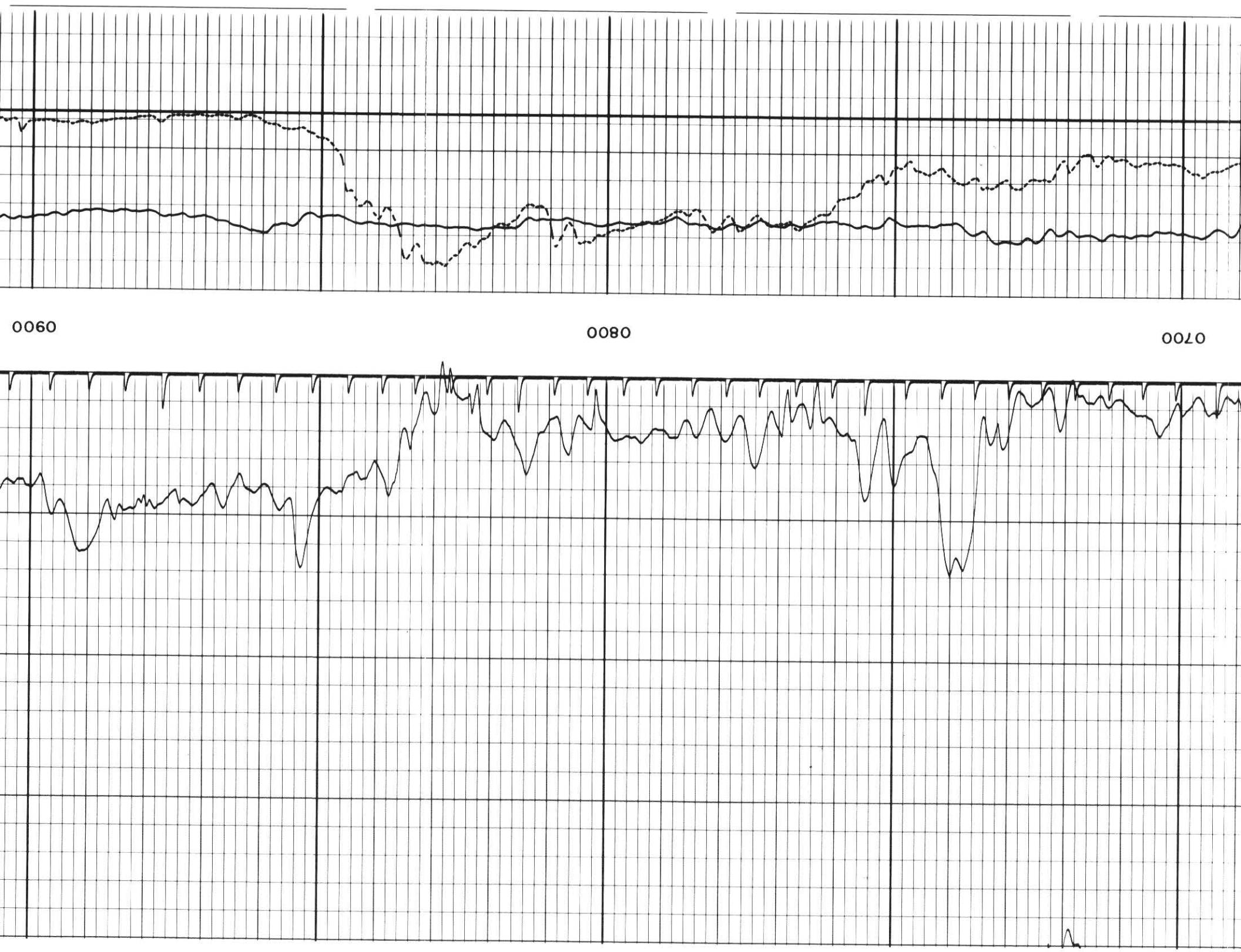
INTERVAL TRANSIT TIME

MICROSECONDS PER FOOT

T 3 R1 2 R2

150 100 50

200 150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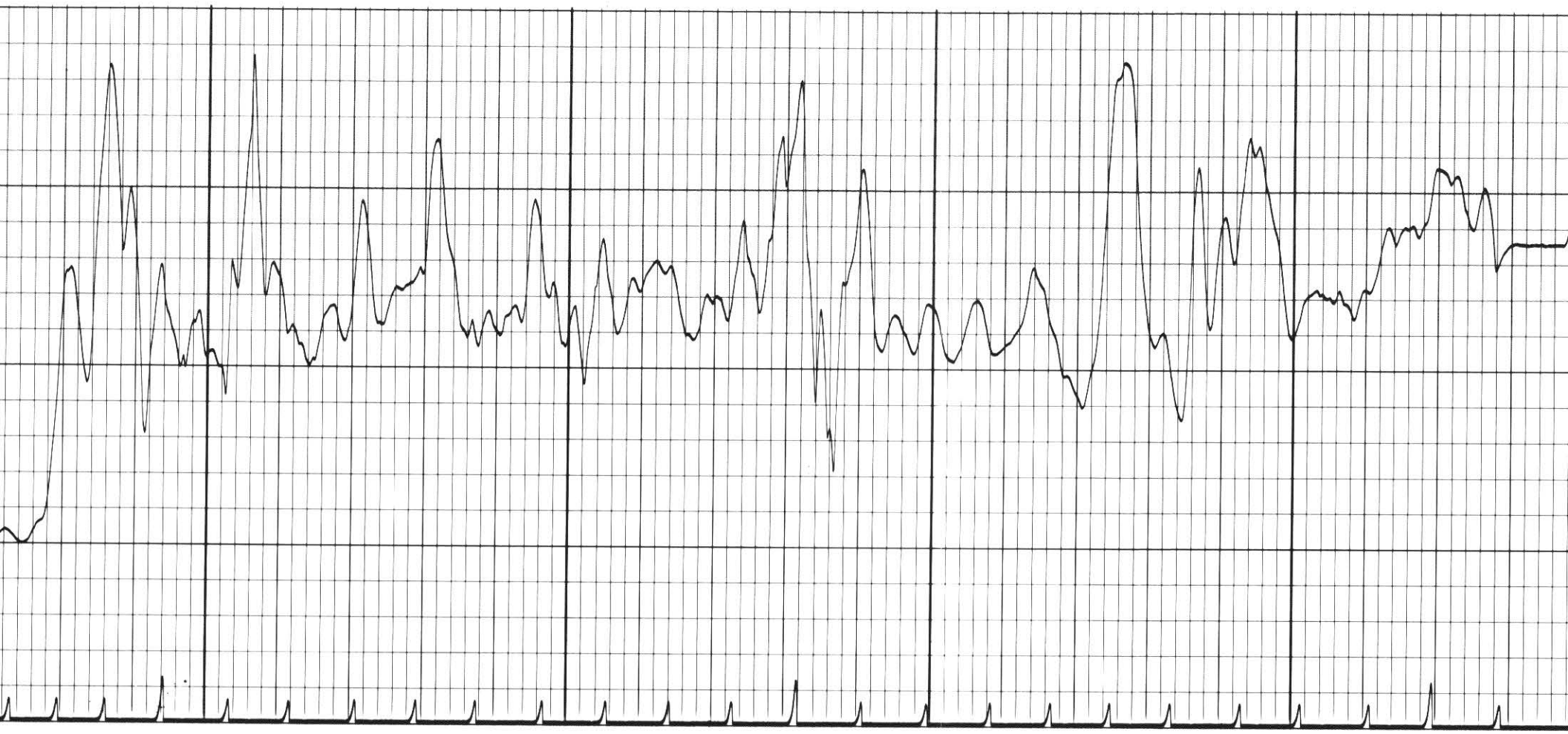
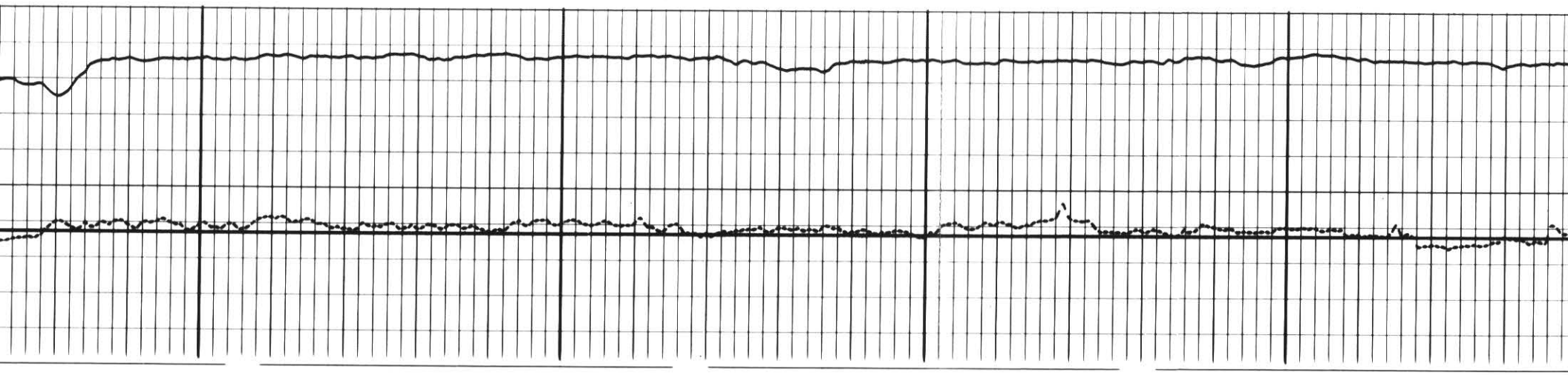
0800
0700

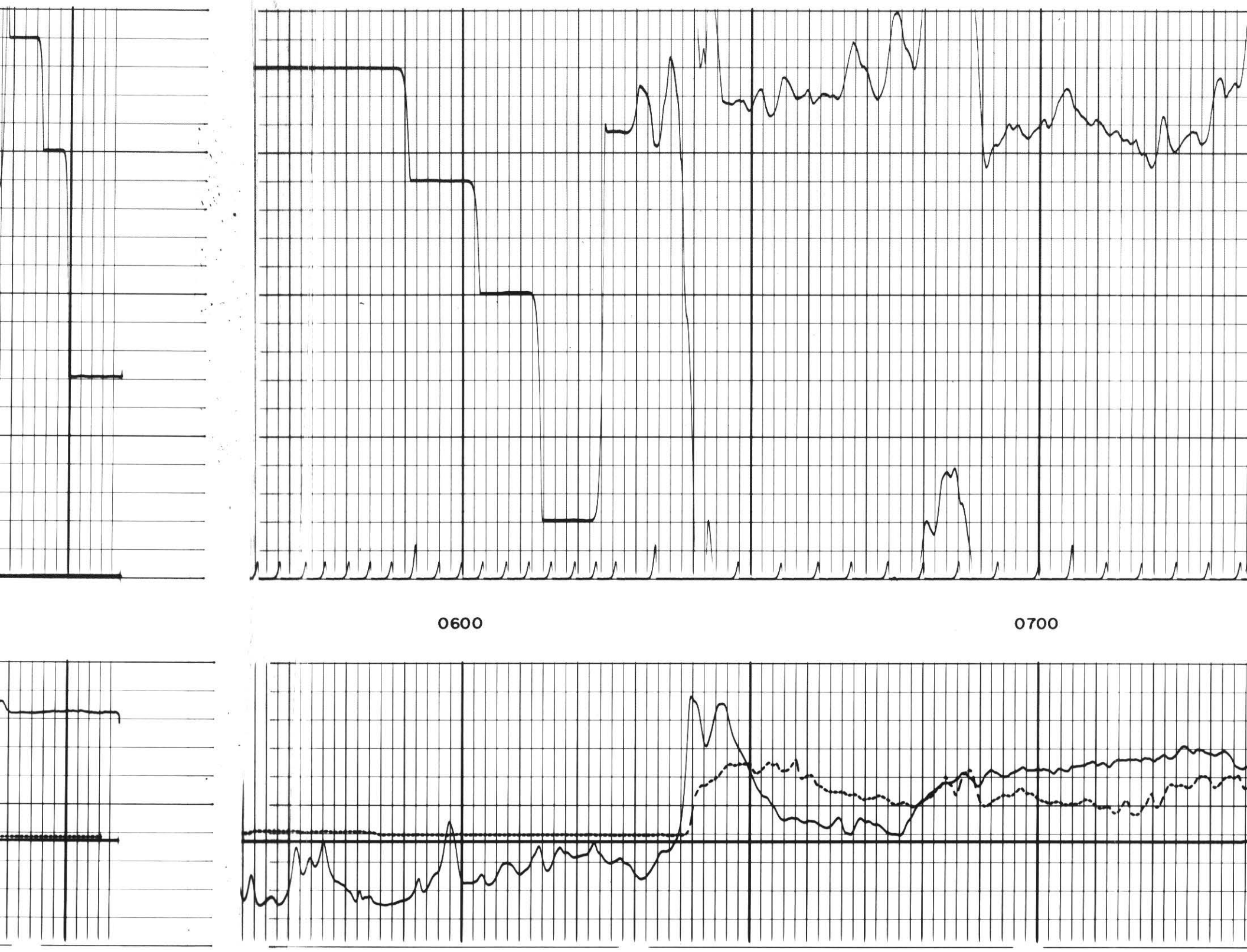
1000
1100



1200

1300

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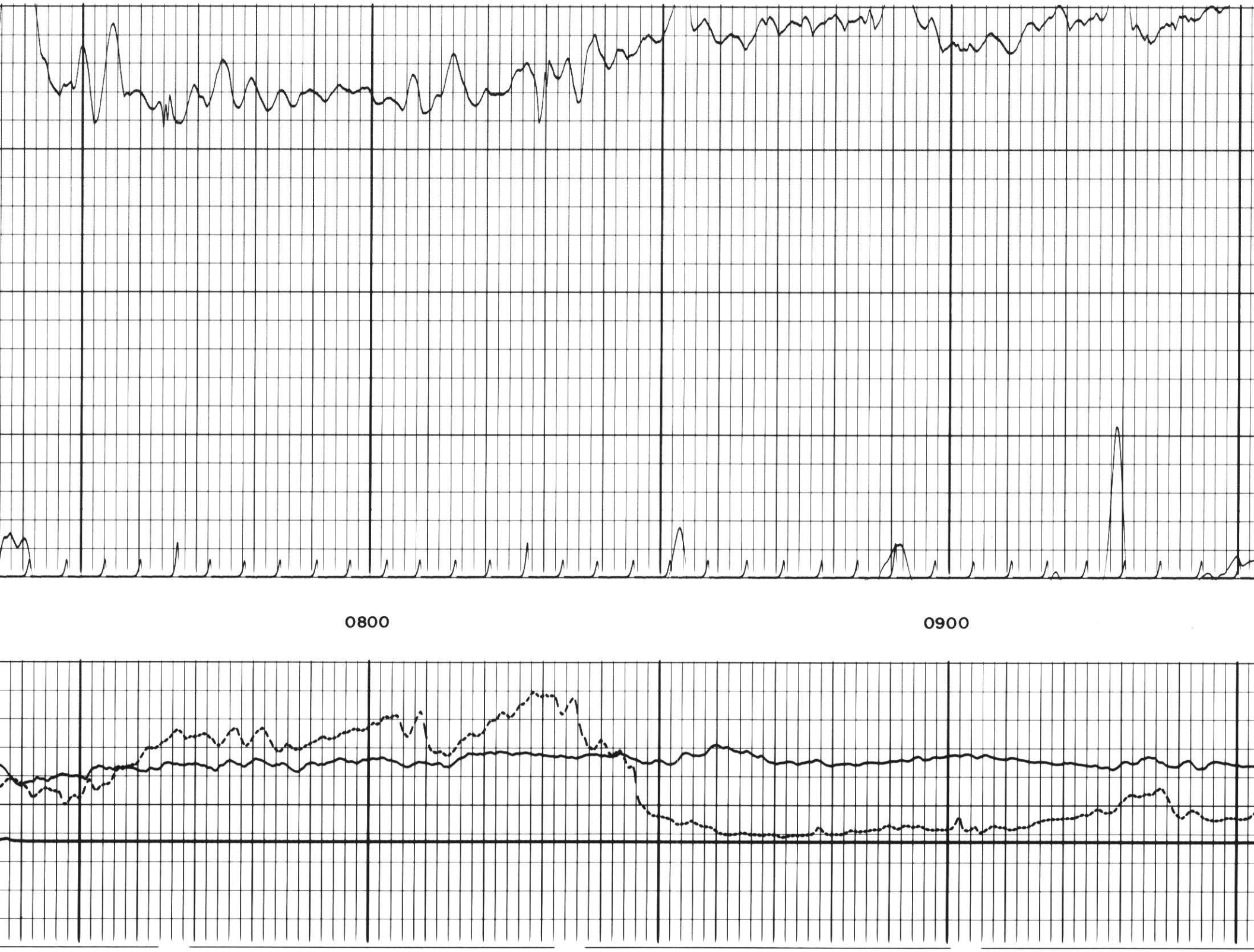
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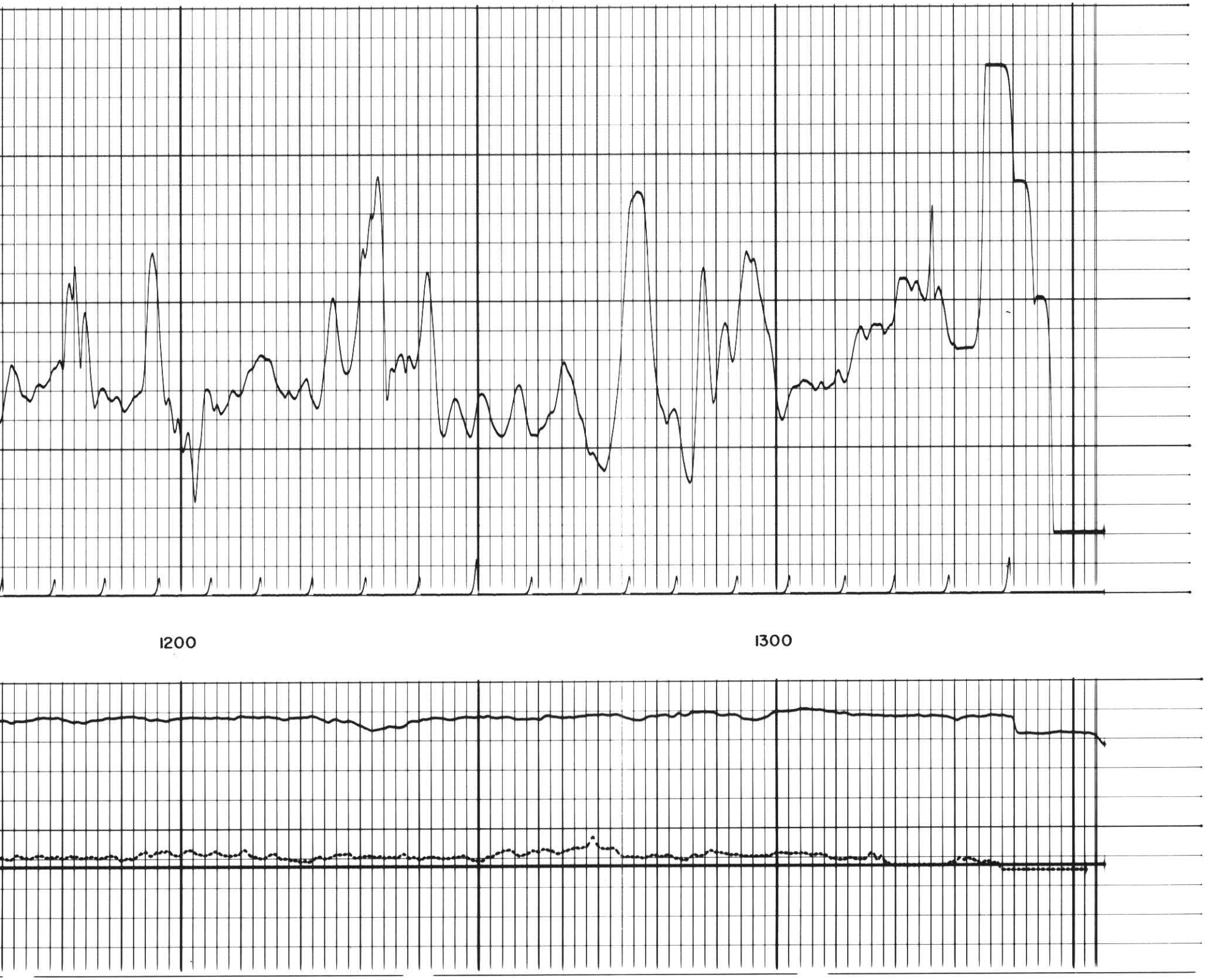
0011
0001


1200
1300

BEFORE

0900

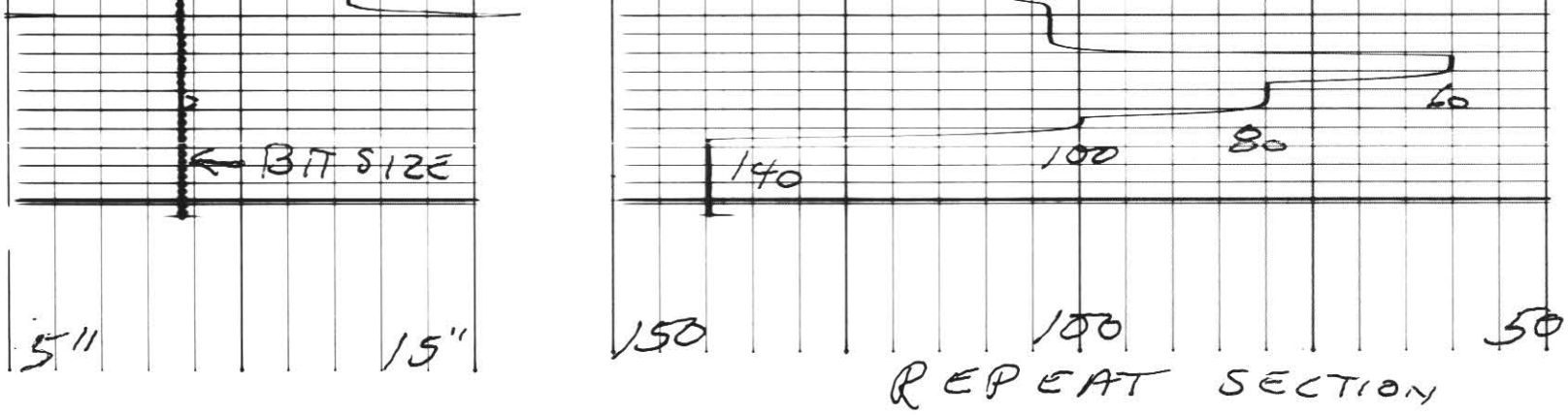
IAP OUT

IAP IN

1000

1100

1200
1300
a
5
b



REPEAT SECTION