



TRIANGLE SERVICE, INC.

SPIINNER TEMP SURVEY

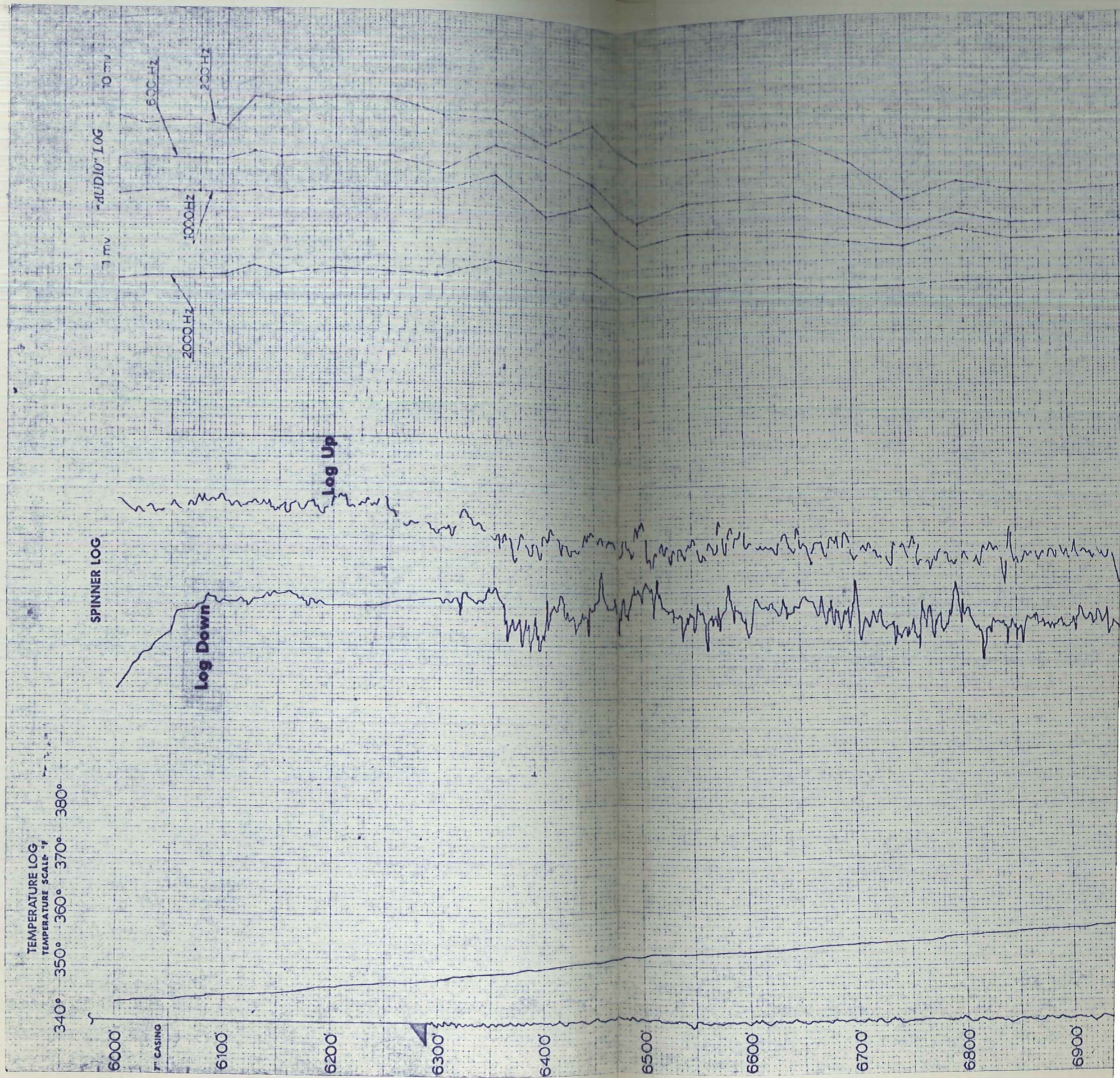
COMPANY	THERMAL POWER CO.	OTHER SERVICES:	
WELL #45-14	DIXIE FEDERAL FIELD DIXIE VALLEY SEC 14 T/23N /R 35E/ MDB + 19	ELEVATIONS:	
COUNTY	CHURCHILL	STATE	NEVADA
WELL DATA			

Date	7/24/79 7/25/79	Casing and Tubing Record			
Run No.	ONE	Size	Wgt.	From	To
Type Log	TEMP.	20		0	120'
Depth — Drill	9022'	13 3/8		0	1330'
Depth — Log (Pick-up)		9 5/8		1123'	5398'
Bottom Logged Interval	9016'	7		5178'	6290'
Top Logged Interval	100'				
Type Hole Fluid	WATER	Packer @			
Fluid Level	SURFACE	Tbg. Tail to			
Max. Rec. Temp. °F.	379°F.	Perforations 8 1/2" OPEN HOLE			
Recorded By	CHAPMAN & JOHNS	6290'-9022'			
Witnessed By	RUDISILL & SKIN	Measurement Reference 22' KB.			

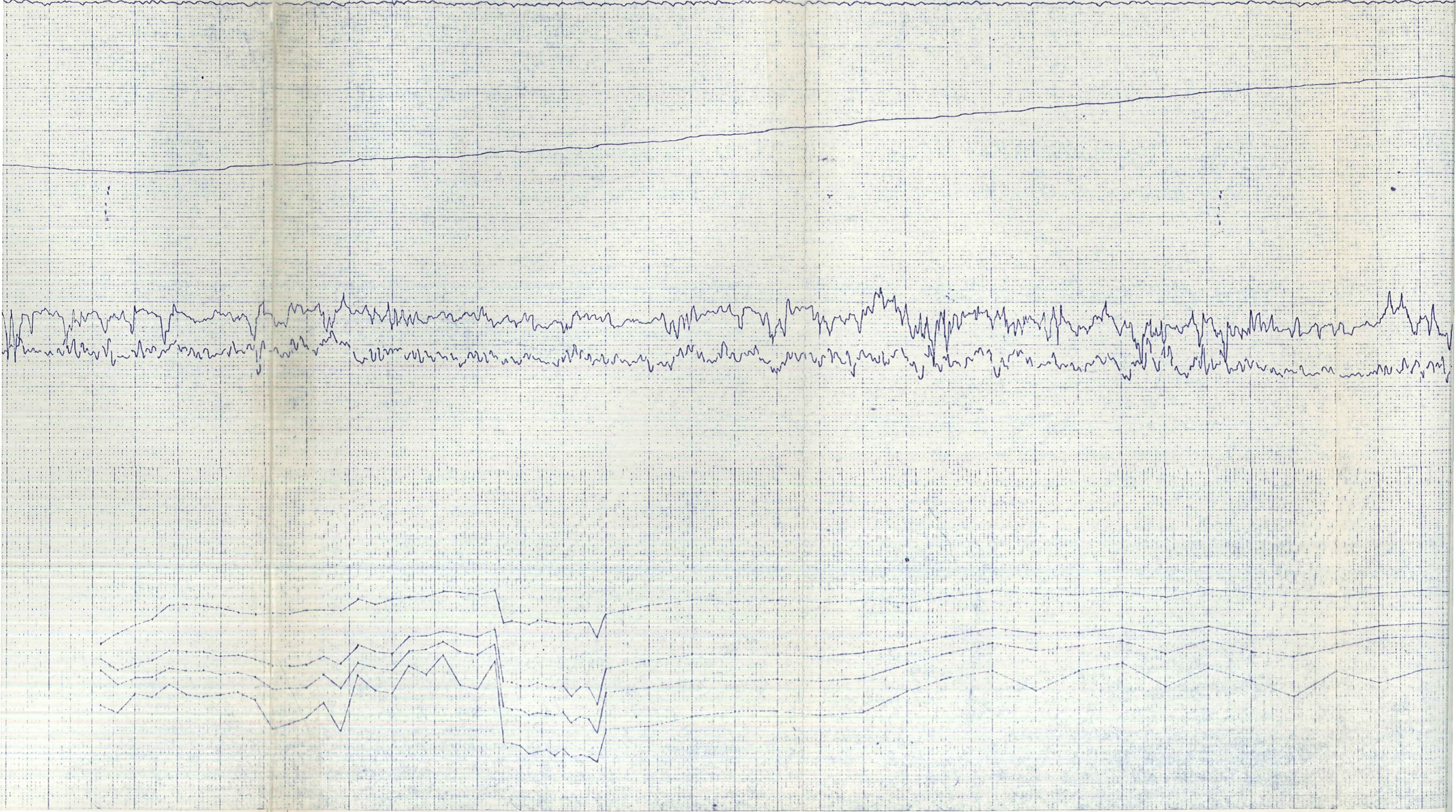
EQUIPMENT and TEST DATA			
Run No.	ONE	Truck No.	1448
Well Status	IDLE	Tool No.	001
Production — Oil, b/d		Tool Size	1 3/8"
Water, b/d			
Gas, mcf			
Injection Rate			
Pressure — TBG. psi			
CSG. psi	100 PSI		
Log Speed — fpm	35 - 45 FPM		
Temp. Sens. °F./inch	10°F/INCH	R/A Sens.	
Diff. Sens.		R/A Spacing	
T.C.	TWO		

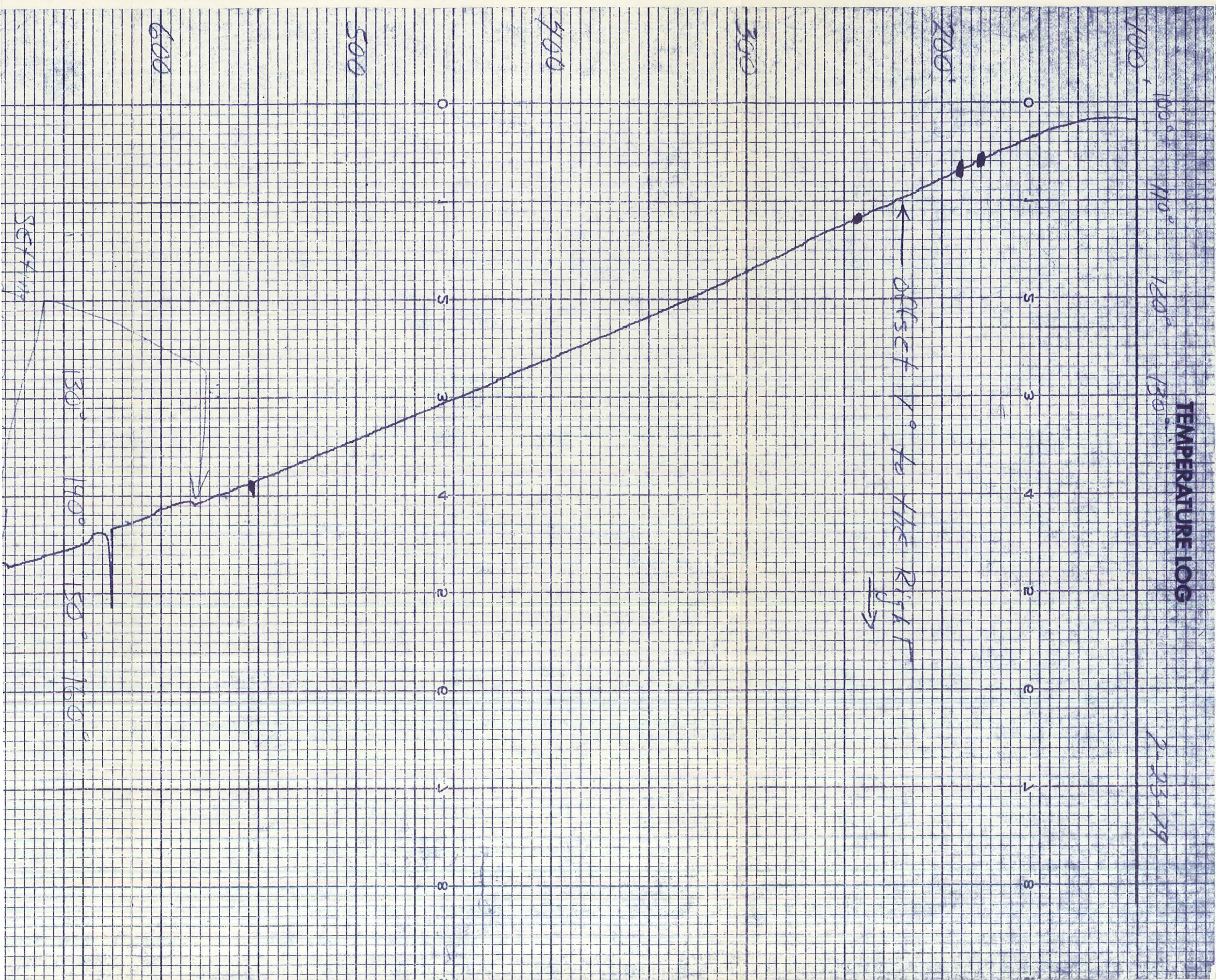
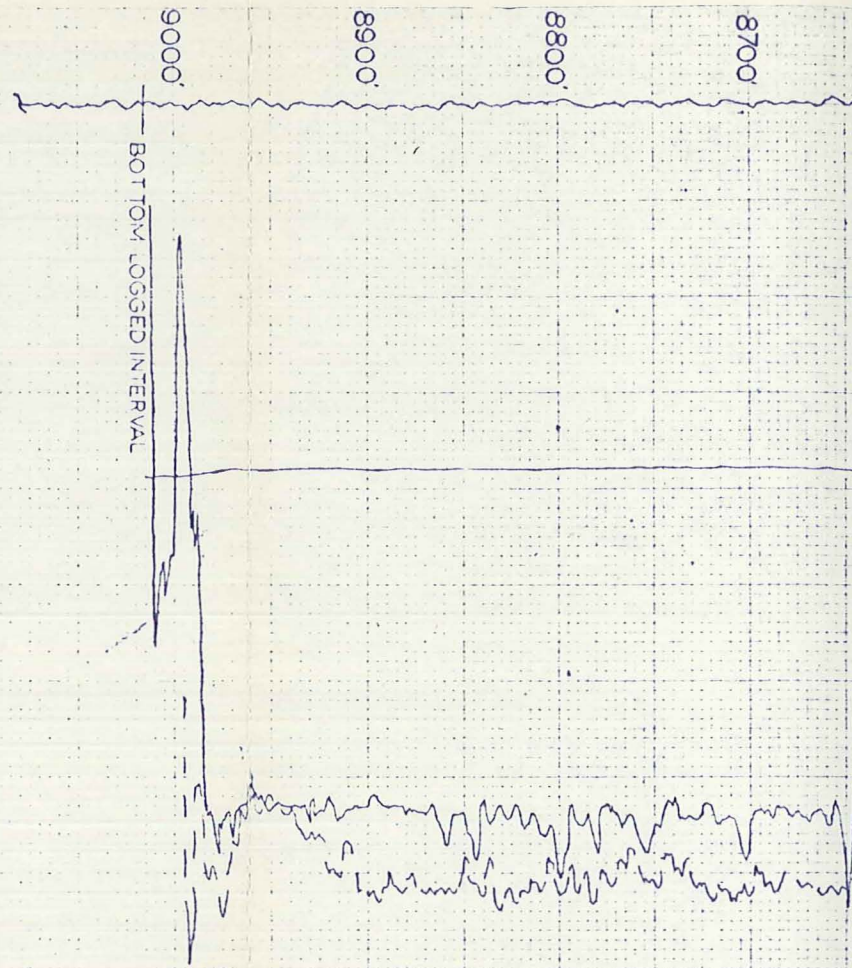
SURVEY RESULTS: SPINNER LOG INDICATES NO FLUID MOVEMENT FROM 6000'-9016'

REMARKS: NOISE LOG IS INCOMPLETE



8600' 8500' 8400' 8300' 8200' 8100' 8000' 7900' 7800' 7700' 7600' 7500' 7400' 7300' 7200' 7100' 7000'





200

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

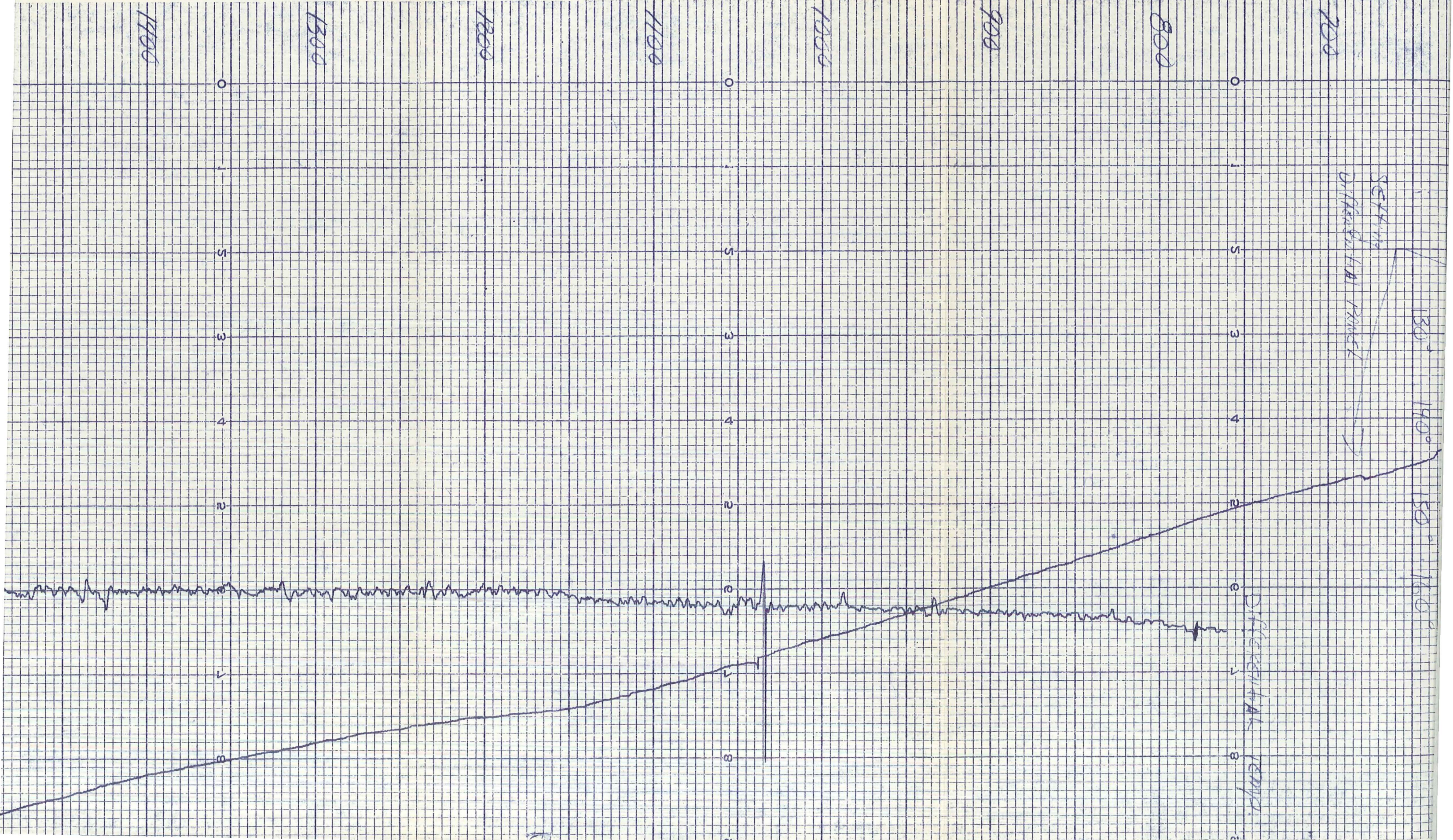
1900

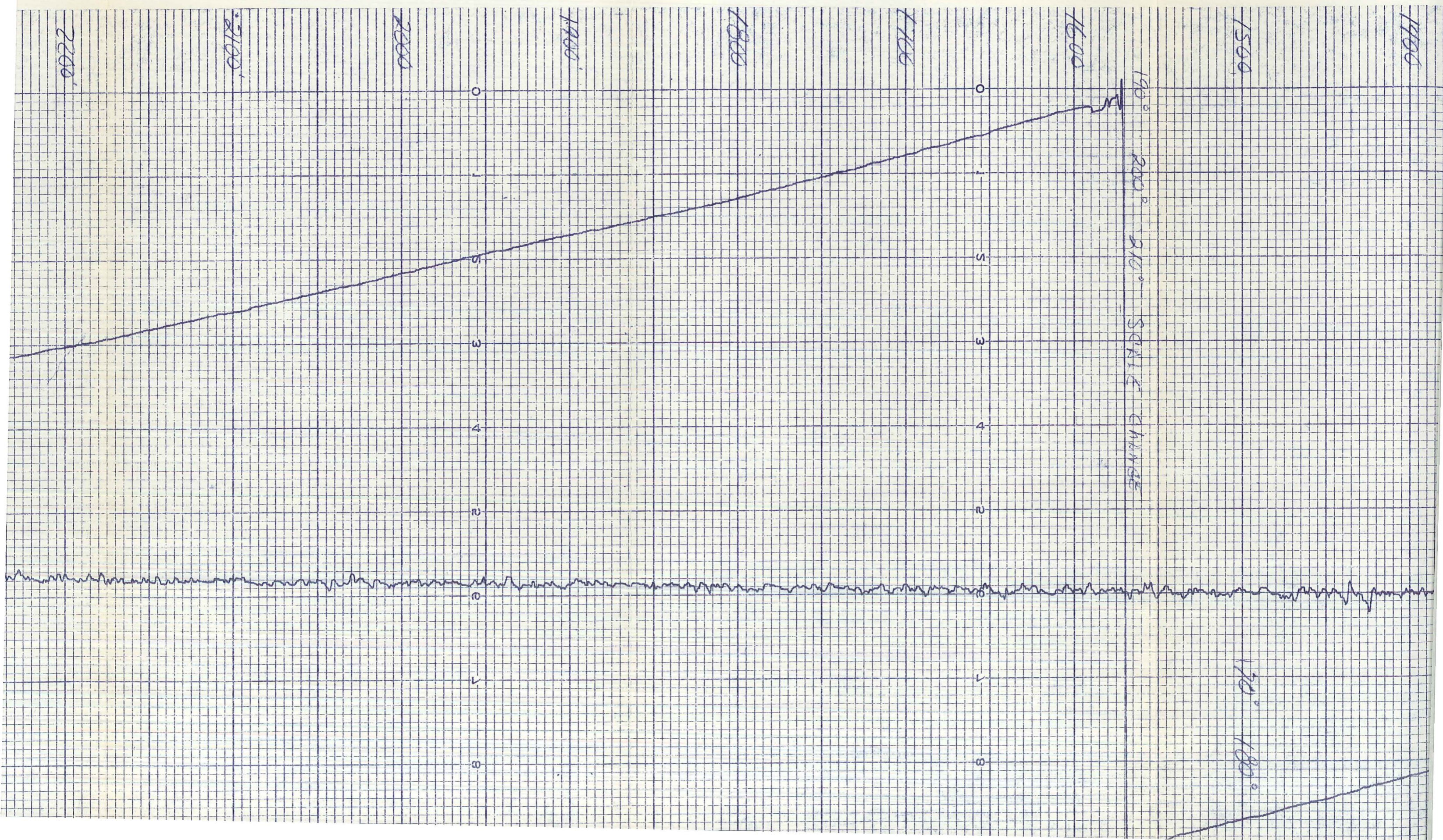
2000

SETTING
D. READOUT UNIT

130° 140° 150° 160°

Differential Temp.





1400

1500

1600

1700

1800

1900

2000

2100

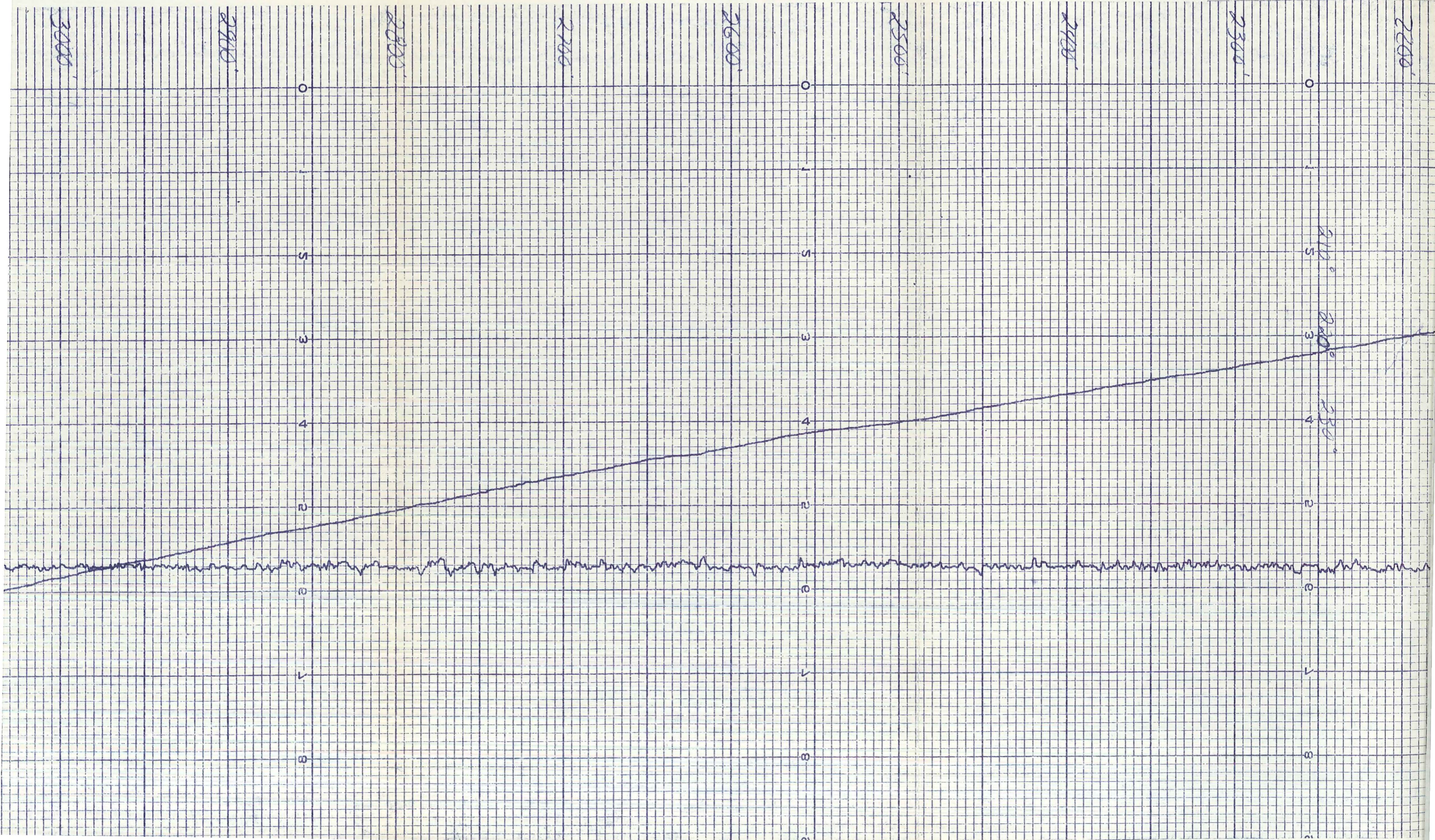
2200

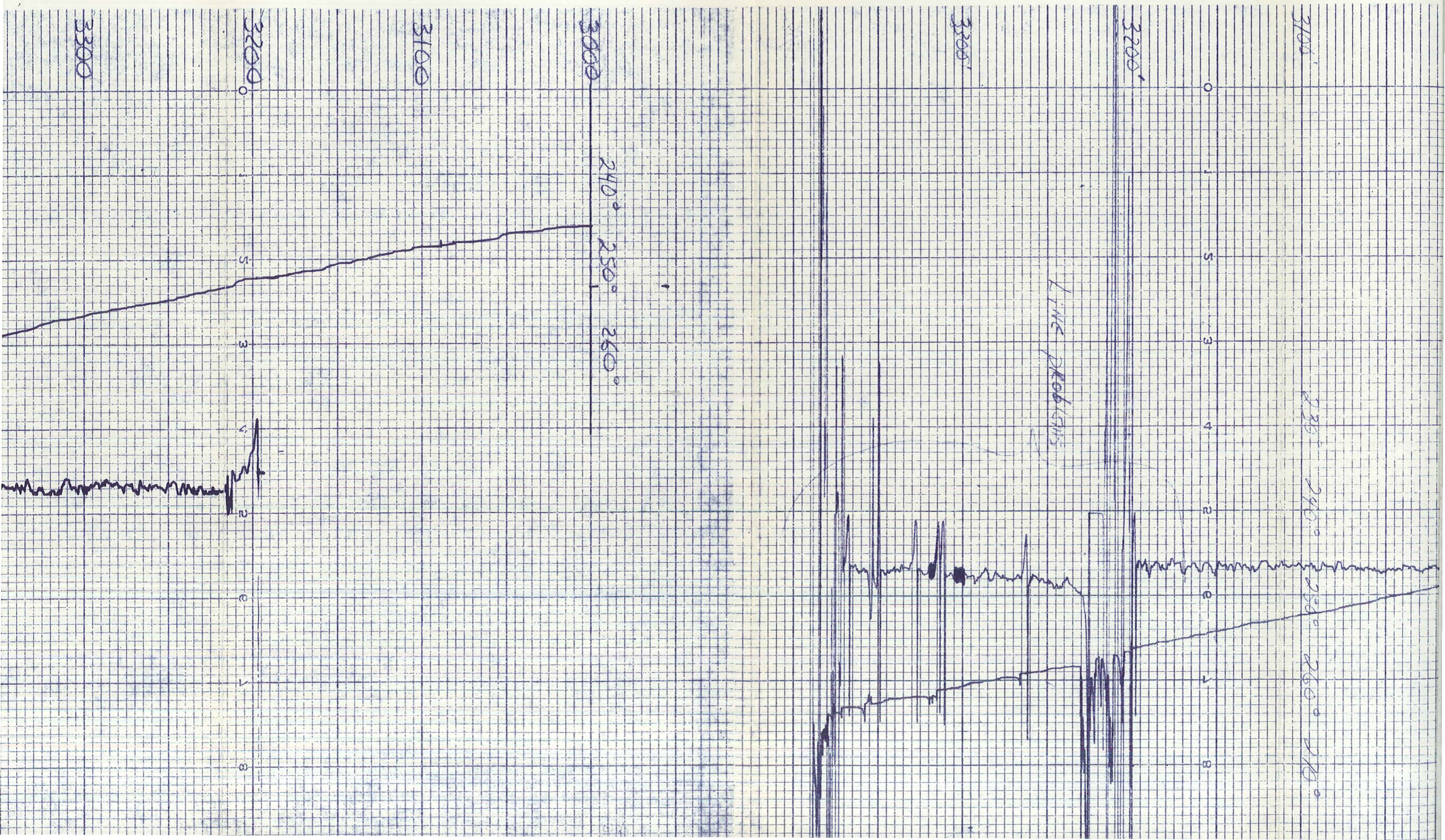
190°
200°
SCALE CHANGE
210°

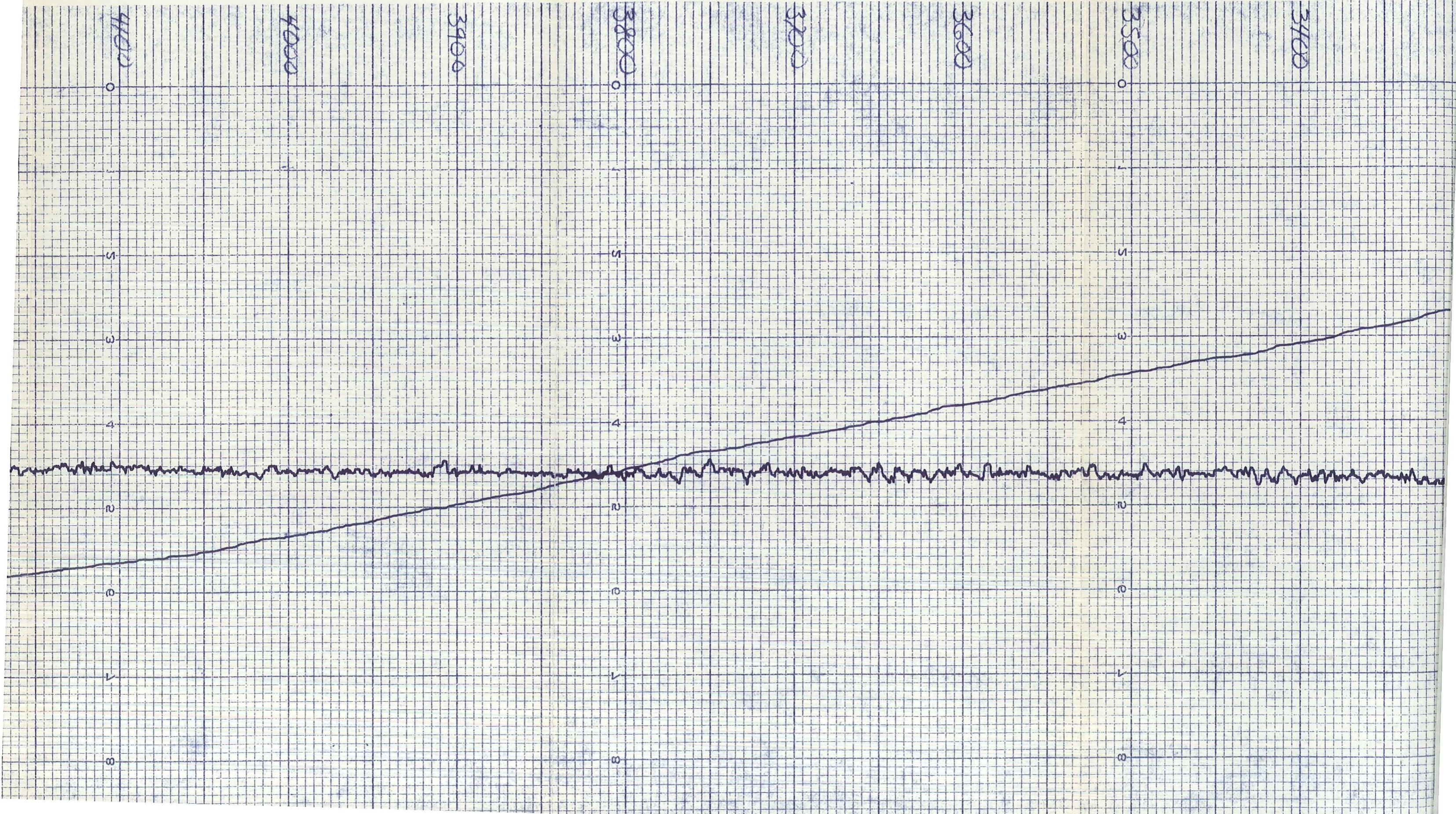
190°
180°

0
1
2
3
4
5
0
1
2

0
1
2
3
4
5
0
1
2







4200

4300

4400°

4500

4600

4700°

4800

4900

297°

CHANGED PANELS

300°

310°

310°

1

2

3

4

5

6

7

8

9

10

11

12

13

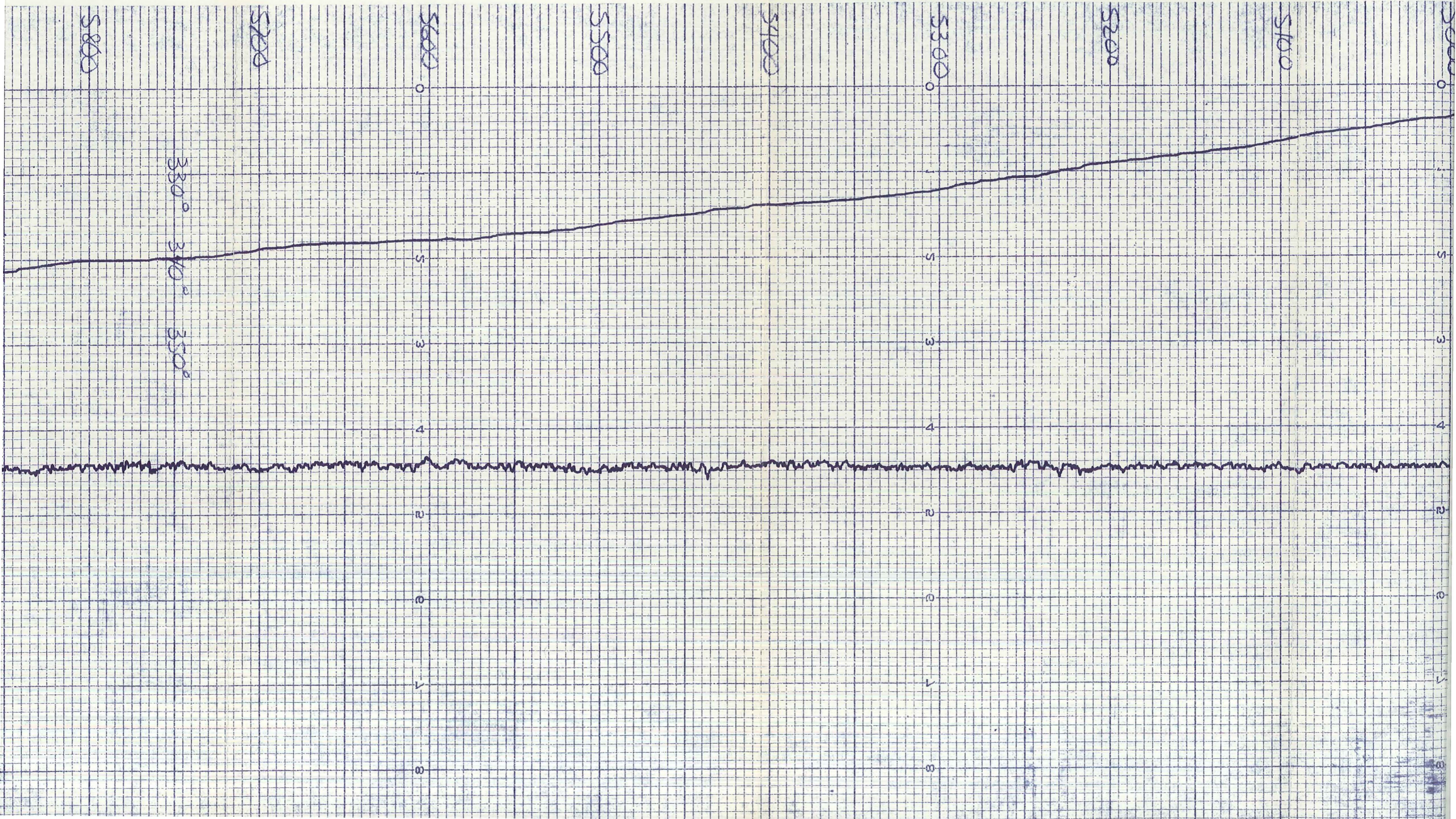
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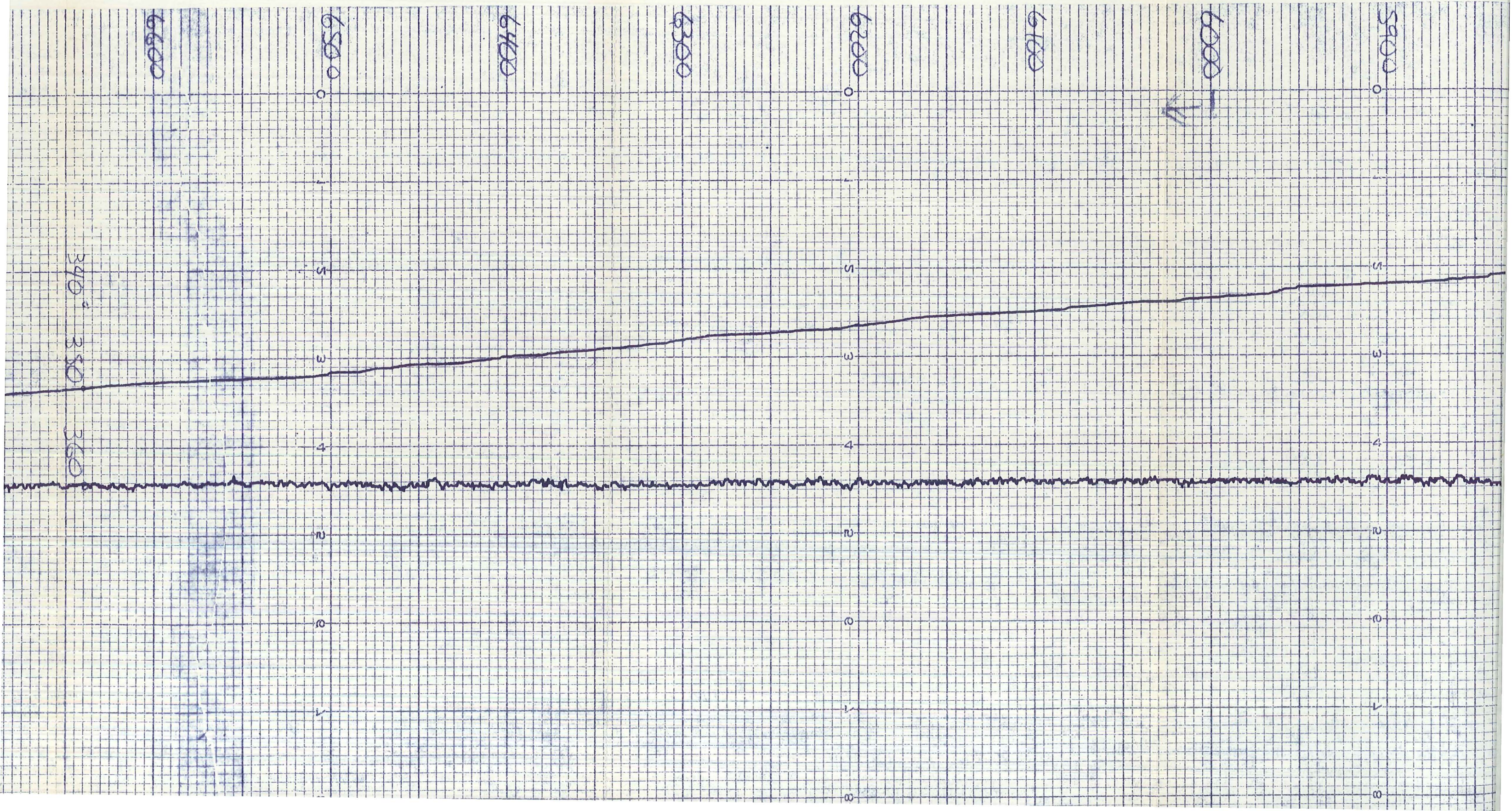
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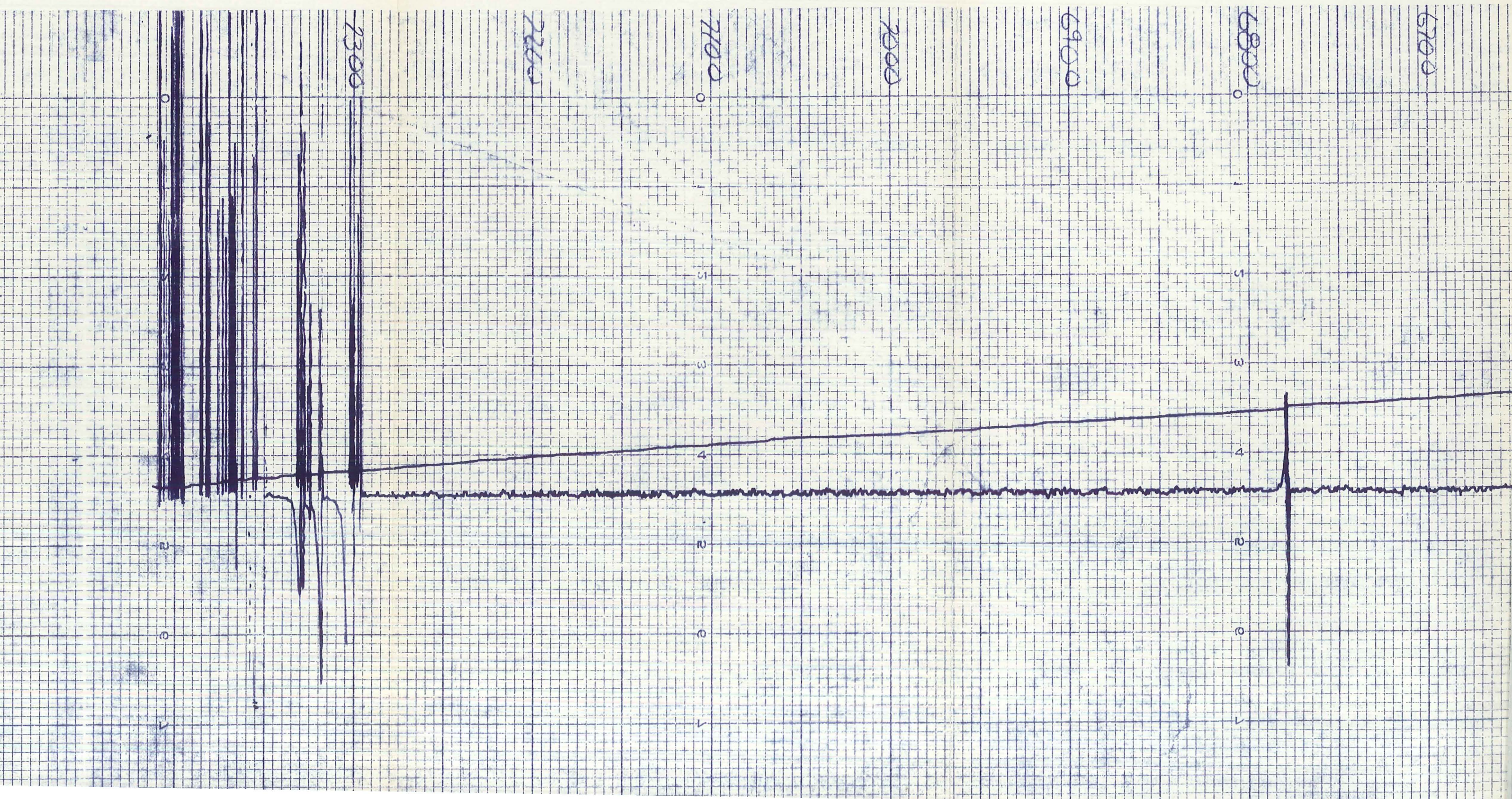
320°

SCALE CHANGE

330°

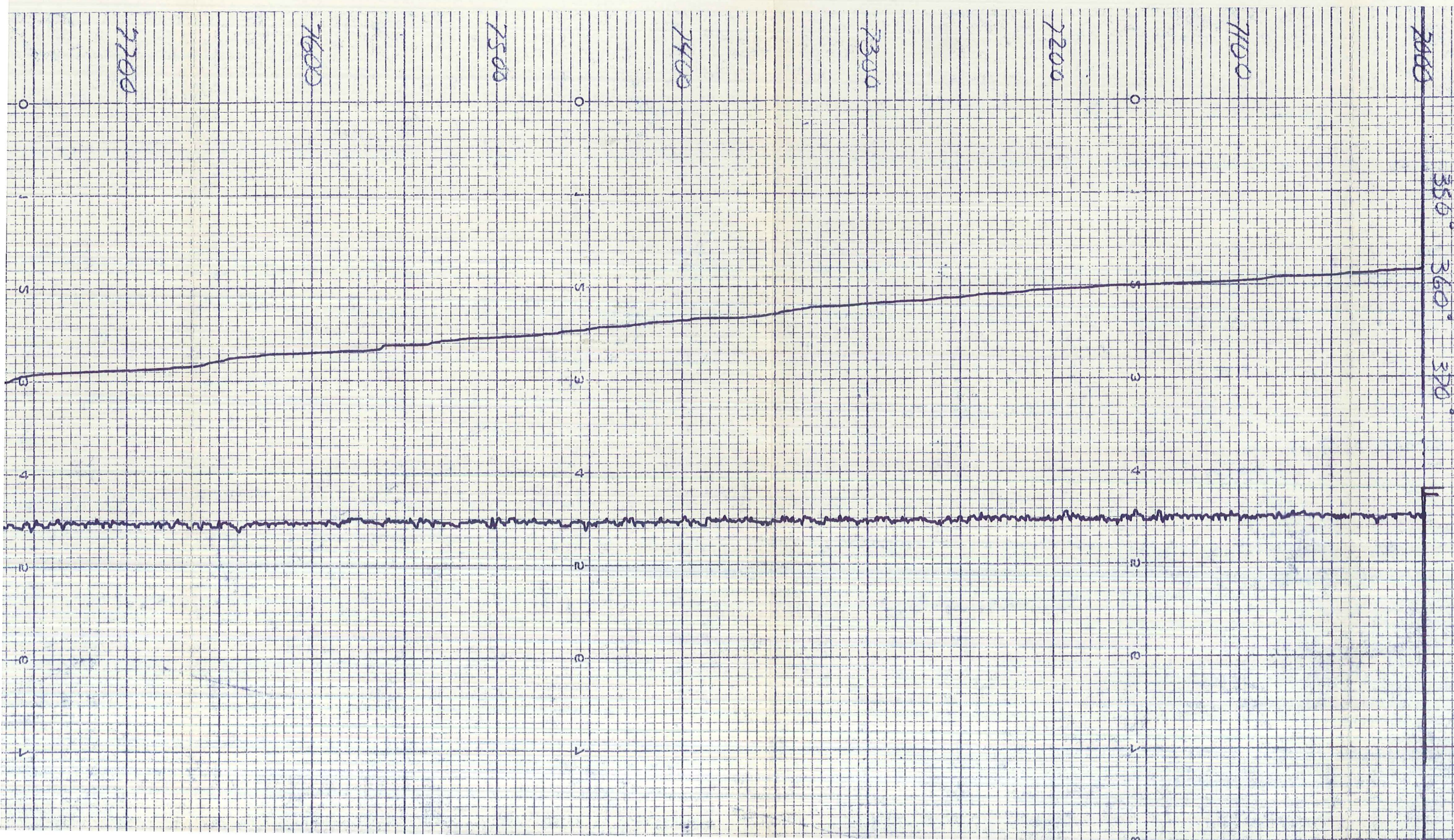


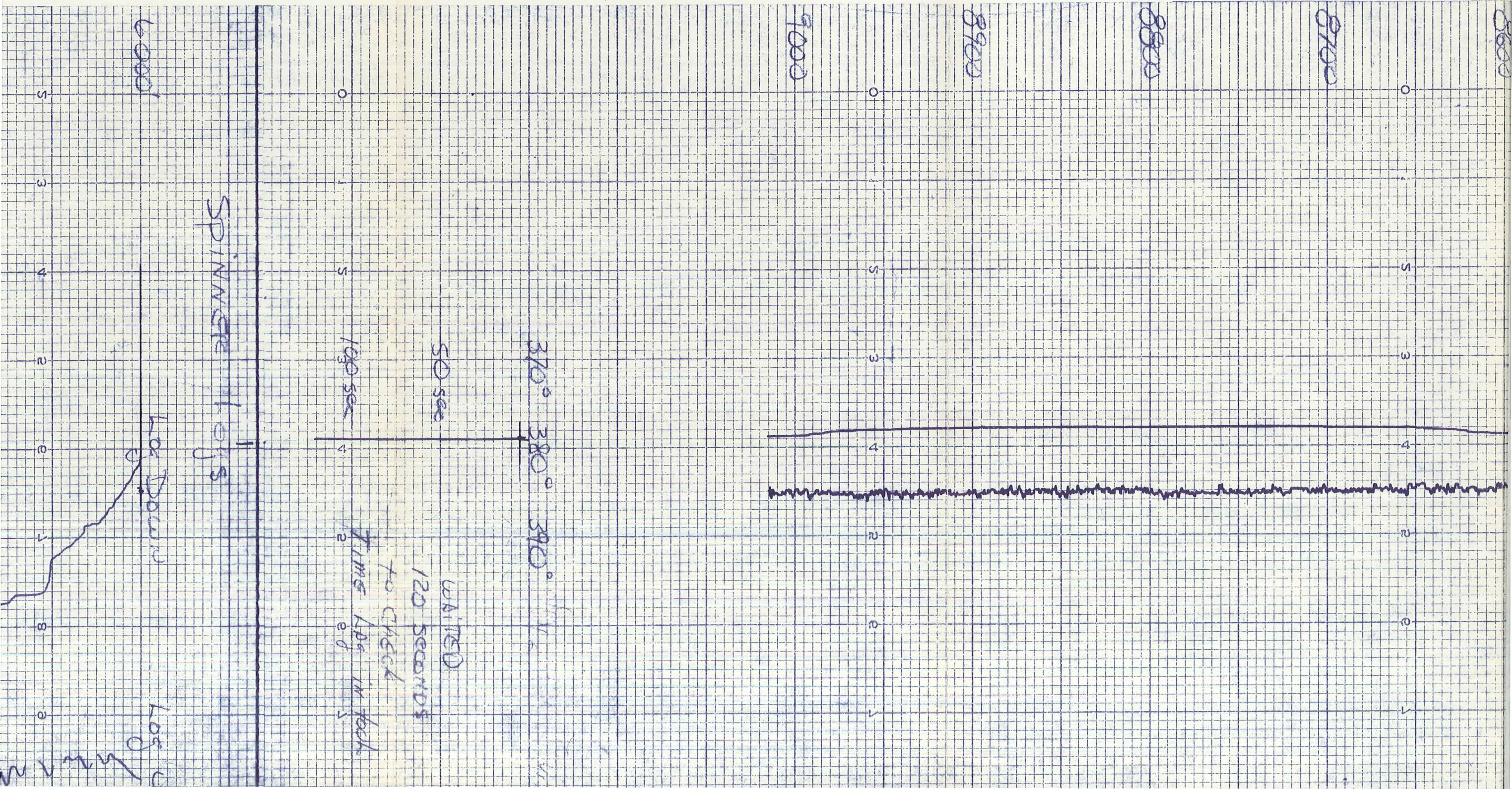




TEMP LOG DOWN

350° 360° 370°





SPINNER Hogs

Log Down

Log Up

WAITED
120 seconds
to check
Times App in back

370° 380° 390°

50 sec

100 sec

9000

8900

8800

8700

8600

