



# Differential Temperature Log

FILE NO. 541

COMPANY E. G. & G. IDAHO INC.

WELL R.R.G.I. #7

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION: SEC 23 TWP 15S RGE 26E

Other Services: DIFL, CNLOG, BHC/GR

Permanent Datum G.L. Elev. 4855 KB 4871

Log Measured from K.B., 16 Ft. Above Permanent Datum DF 4870

Drilling Measured from K.B. GL 4855

Date	<u>7/24/78</u>	<u>7/31/78</u>
Run No.	<u>ONE</u>	<u>TWO</u>
Type Log	<u>DIFF. TEMP.</u>	<u>DIFF. TEMP.</u>
Depth-Driller	<u>2050</u>	<u>3858</u>
Depth-Logger	<u>2054</u>	<u>3800</u>
Bottom Logged Interval	<u>2054</u>	<u>3800</u>
Top Logged Interval	<u>100</u>	<u>2050</u>
Type Fluid in Hole	<u>FRESH GEL</u>	<u>WATER</u>
Salinity Ppm Cl.		
Density Lb./Gal.	<u>9.1</u>	
Level	<u>FULL</u>	
Max. Rec. Temp. Deg. F		<u>149</u>
Opr. Rig Time	<u>4 HRS</u>	
Recorded By	<u>PERESSINI</u>	<u>PERESSINI - TORGERSON</u>
Witnessed By	<u>GOLDMAN</u>	<u>PRESTWICH</u>

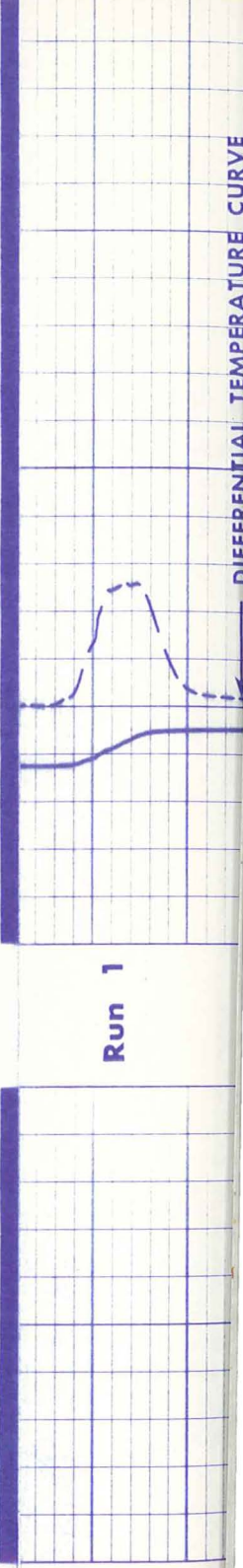
Run No.	Bore Hole Record				Casing Record		
	Bit	From	To	Size	Wgt.	From	To
<u>1</u>	<u>17 1/2</u>	<u>2050</u>	<u>160</u>	<u>20"</u>		<u>160</u>	<u>SURF.</u>
<u>2</u>	<u>12 1/4</u>	<u>2050</u>	<u>TD</u>	<u>13 3/8</u>		<u>2044</u>	<u>160</u>

REMARKS RE

Series No.	<u>2204</u>	Equipment Used	<u>2104</u>
Run No.	<u>ONE</u>		
S.O.	<u>87800</u>		
Tool No.	<u>87804</u>		
Elec. No.			
Panel No.			

DIFFERENTIAL TEMPERATURE LOG DATA		INSTRUMENT DATA	
Run No.	Instrument Dia.	Run No.	Instrument Dia.
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

## TEMPERATURE SURVEY



TEMPERATURE - °F

DIFF. TEMP.

100

140

Run 1

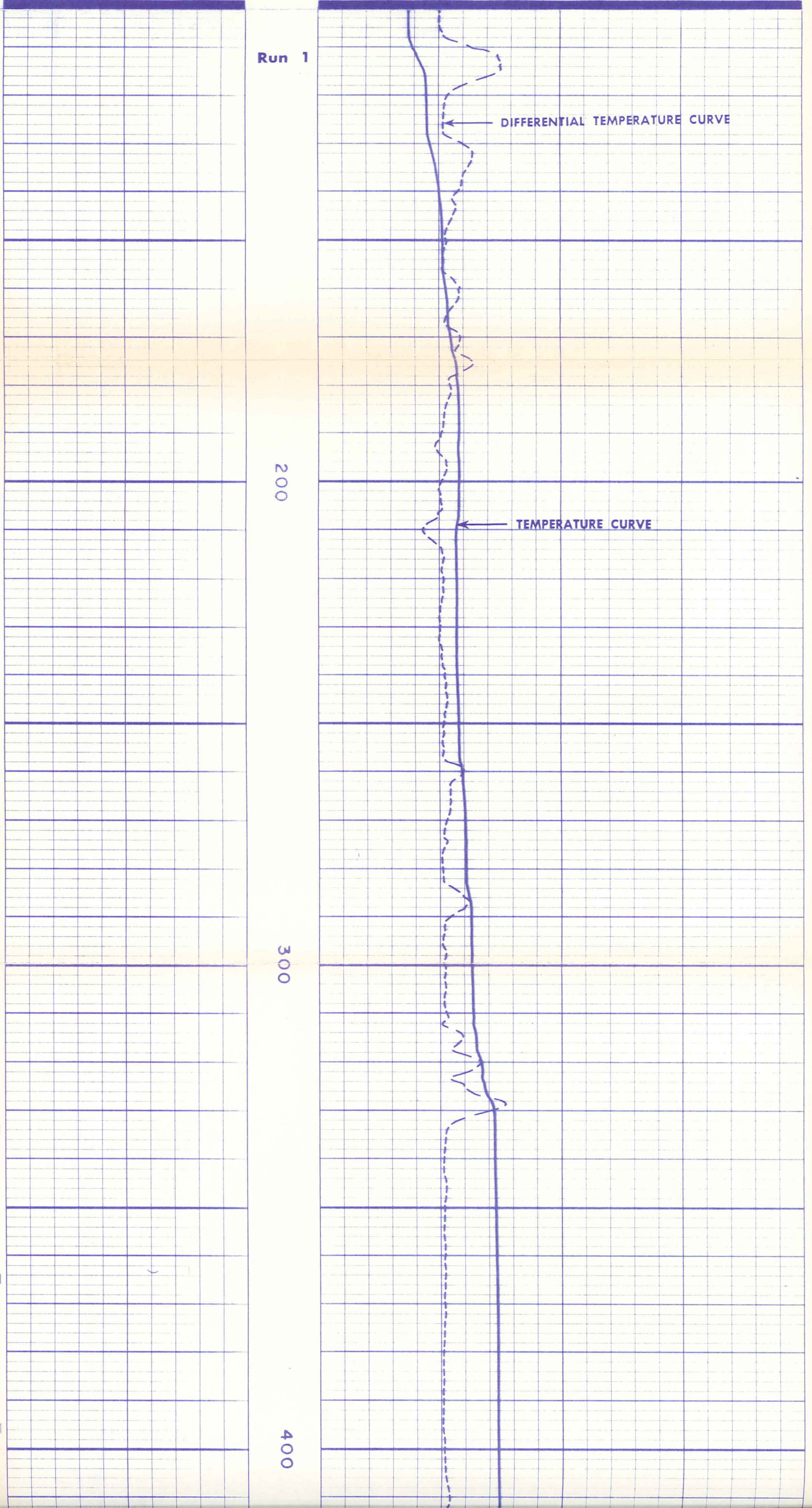
DIFFERENTIAL TEMPERATURE CURVE

TEMPERATURE CURVE

200

300

400

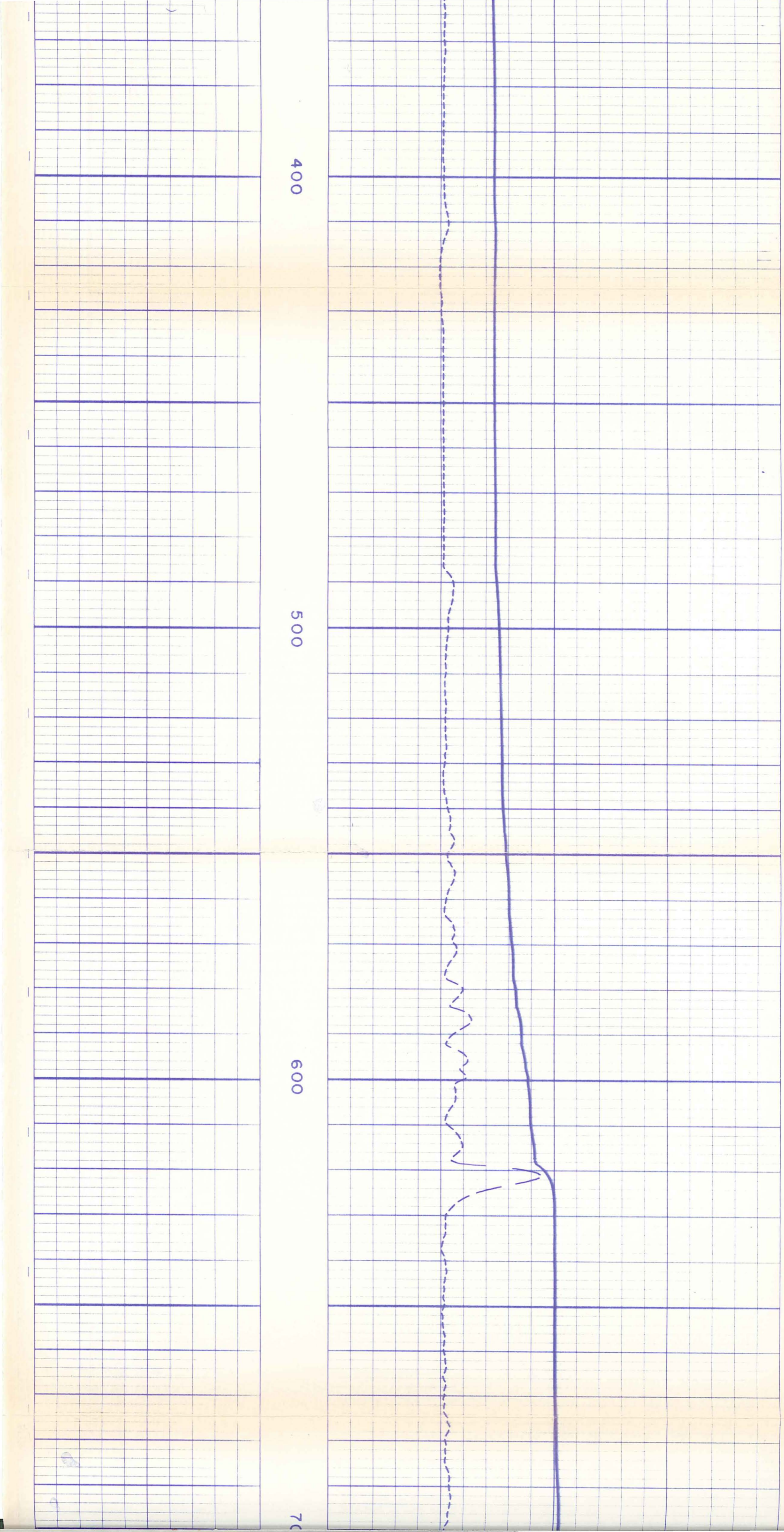


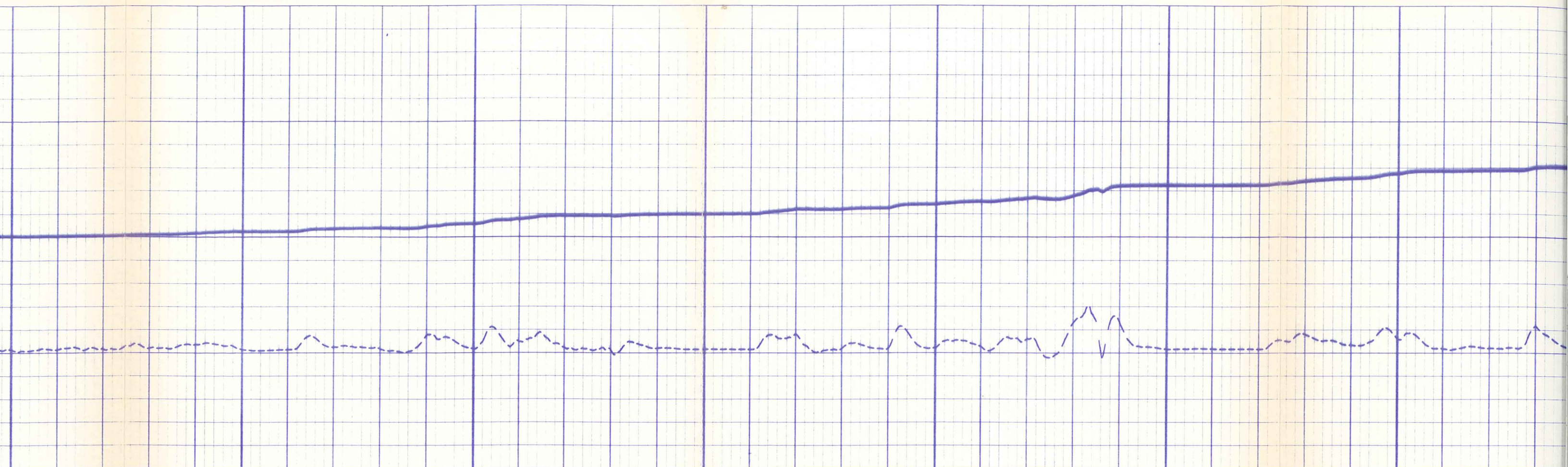
400

500

600

700

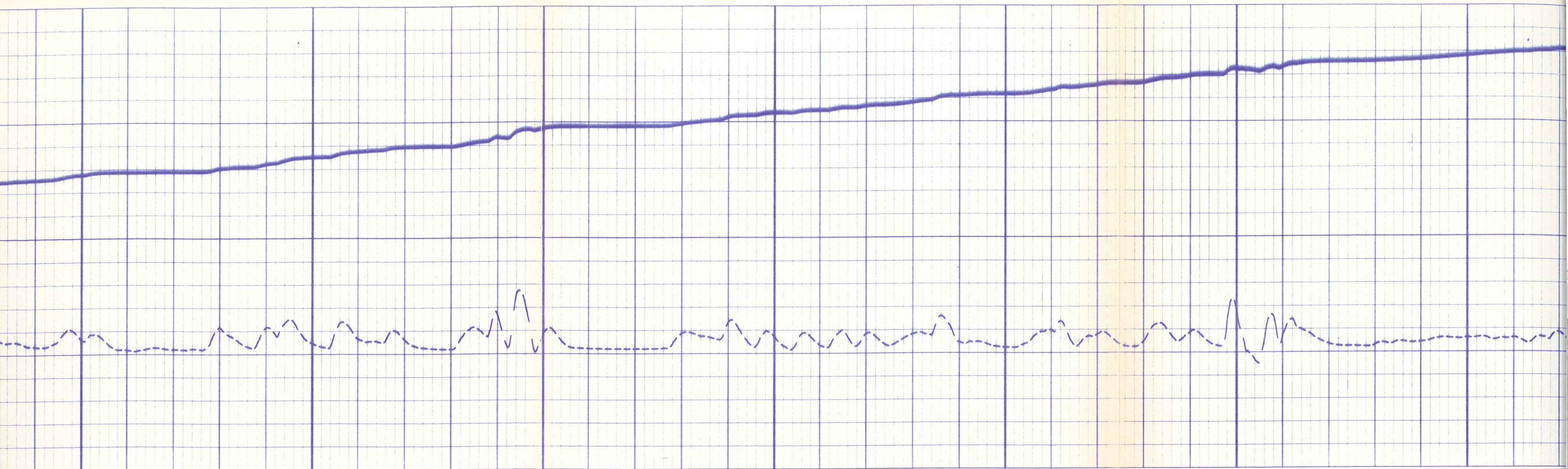




700

800

900



1000

1100

1200



1300

1400

1500



1600

1700

1800

1800

1900

2000

Log T. D.

FR

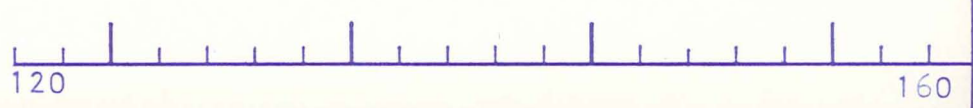
TEMPERATURE CURVE

DIFFERENTIAL TEMPERATURE CURVE

### TEMPERATURE SURVEY

DIFF. TEMP.

TEMPERATURE - °F

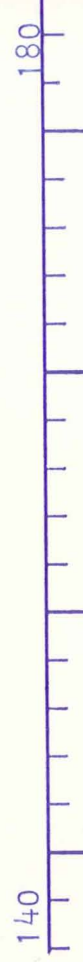


DIFF. TEMP.



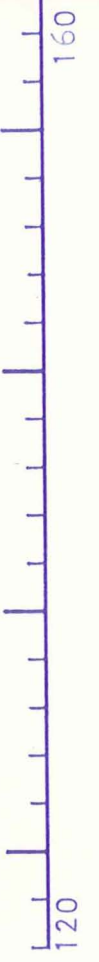
DIFF. TEMP.

TEMPERATURE - °F



DIFF. TEMP.

TEMPERATURE - °F



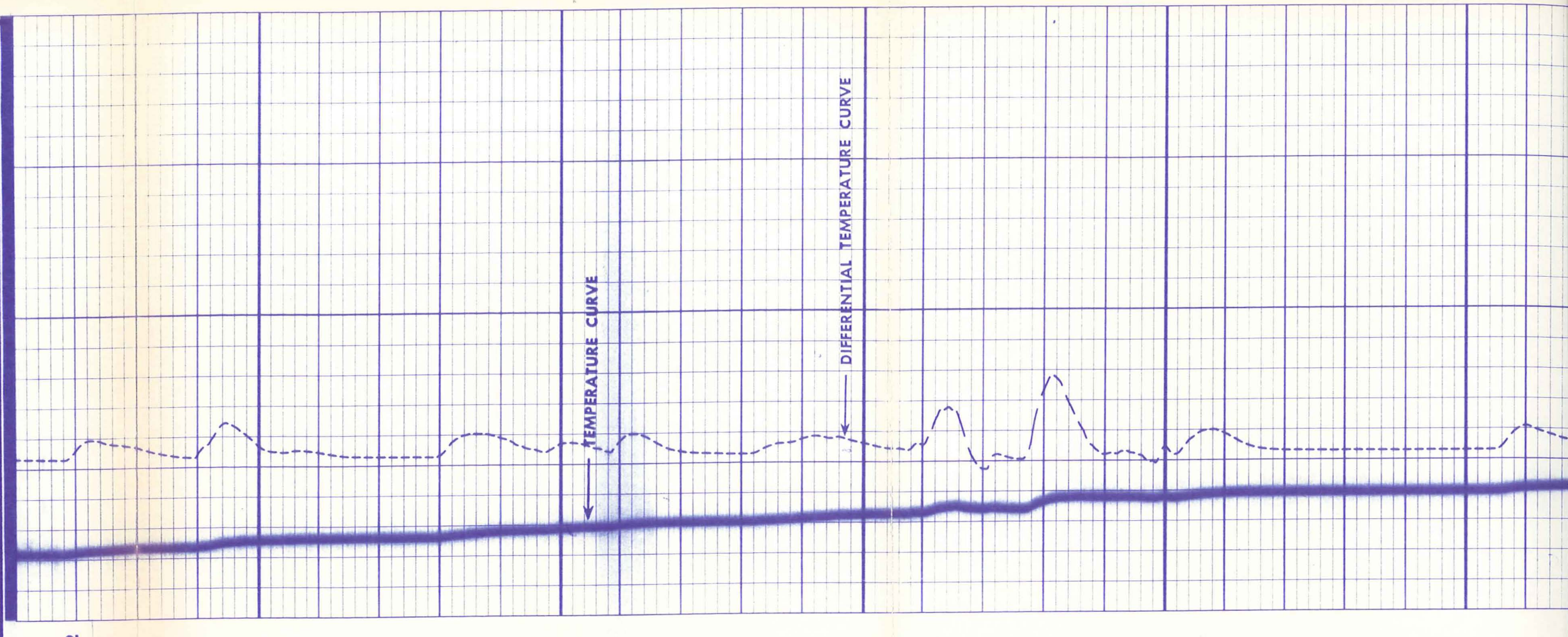
Run 2

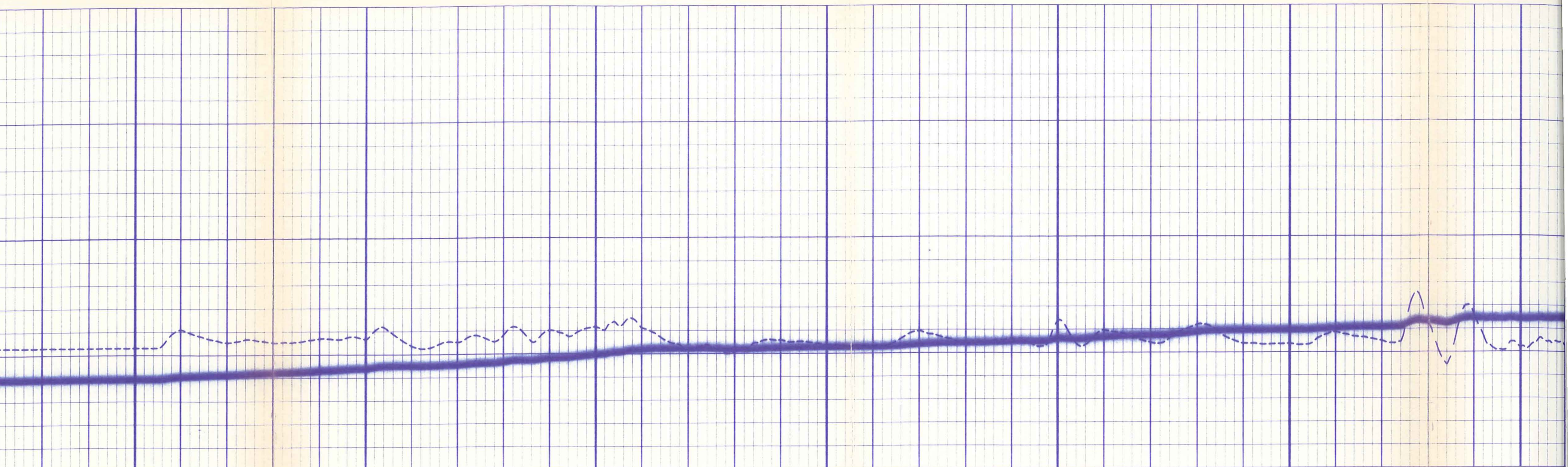
1900

2000

TEMPERATURE CURVE

DIFFERENTIAL TEMPERATURE CURVE

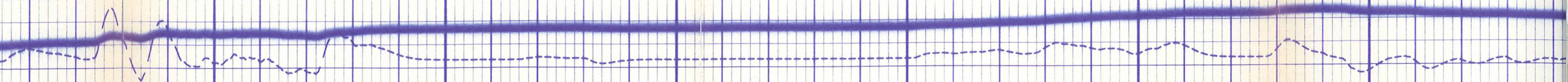




2100

2200

2300

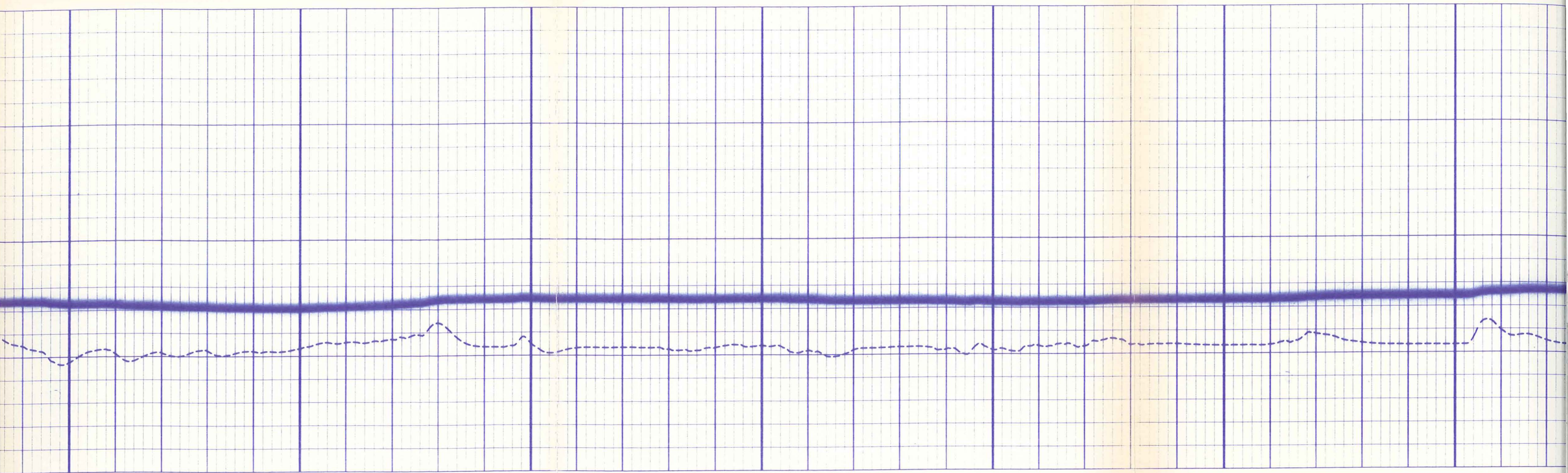


0

2400

2500

2600

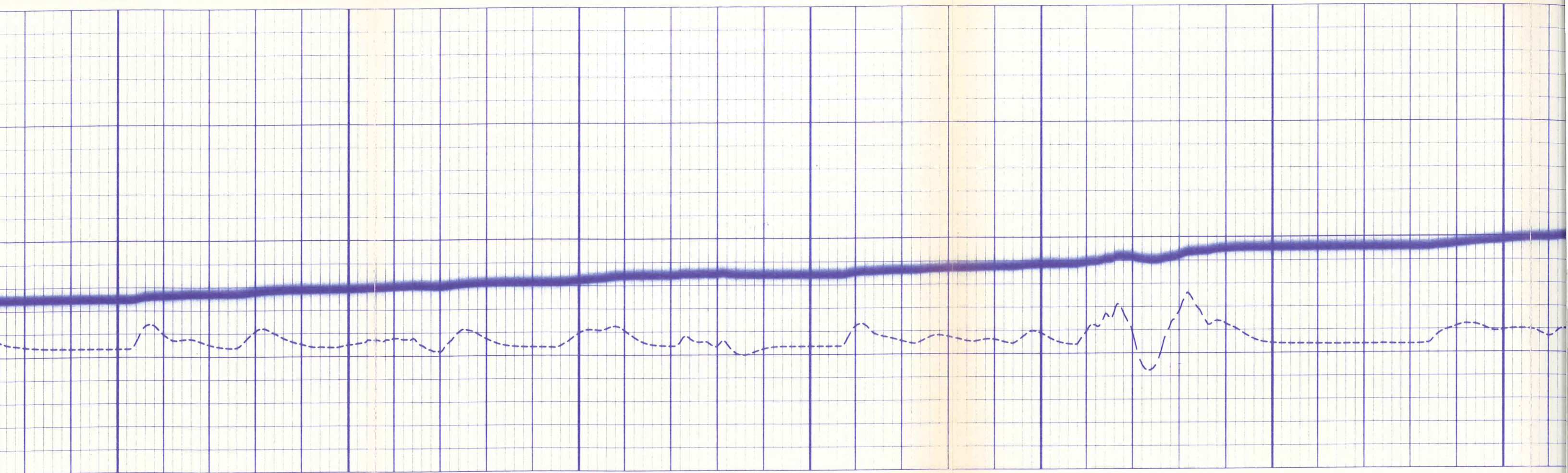


2600

2700

2800

2900

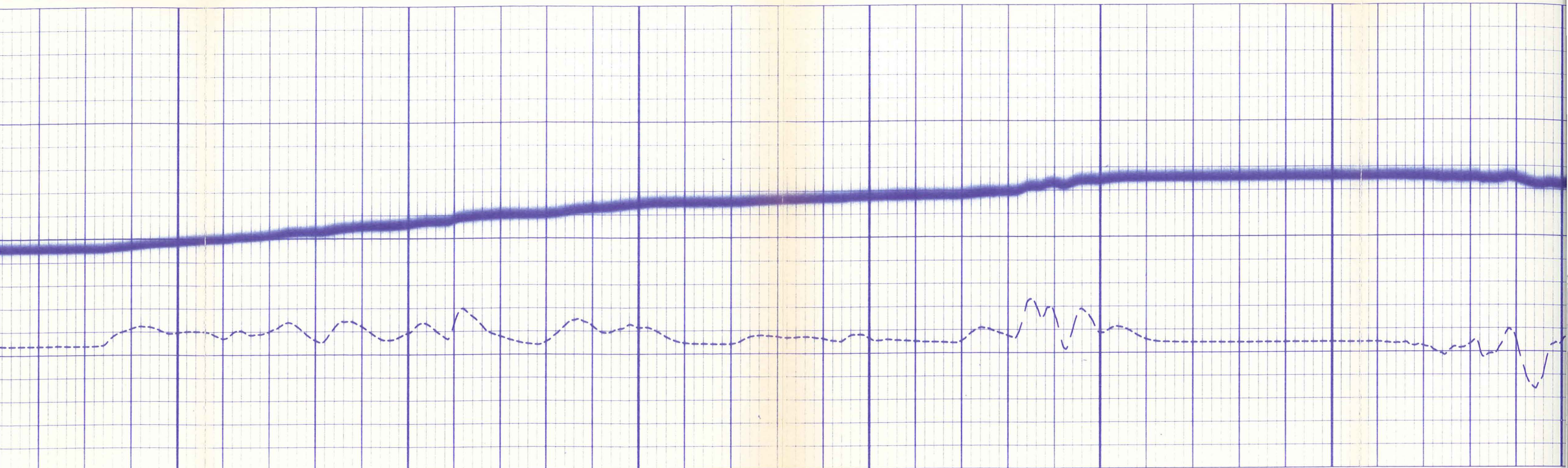


2900

3000

3100

3200

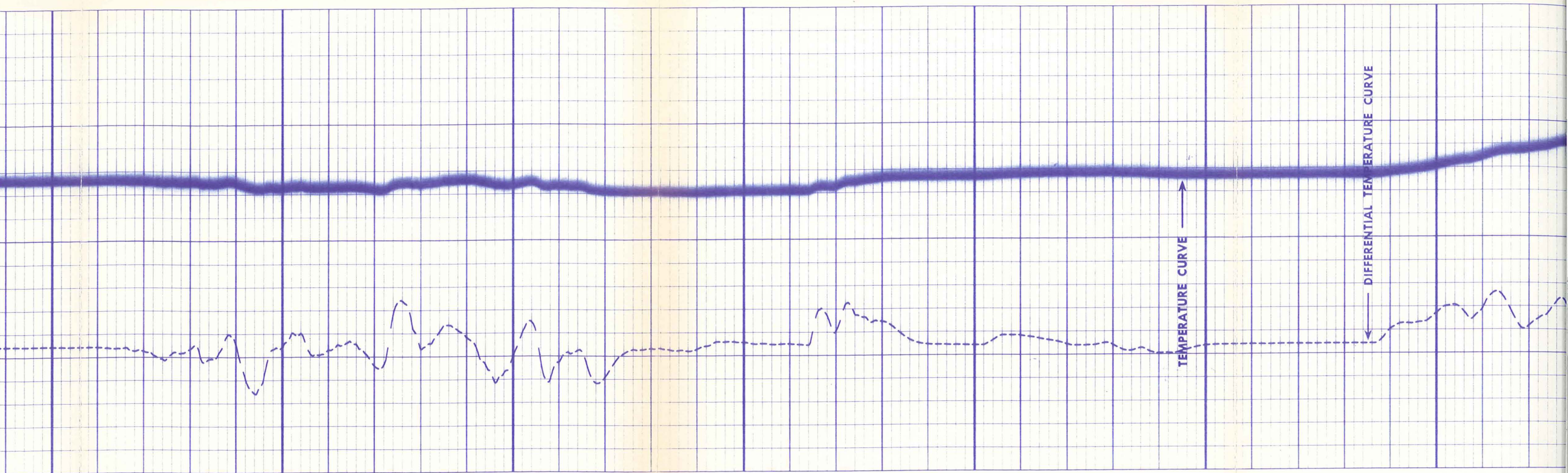


3200

3300

3400

3500



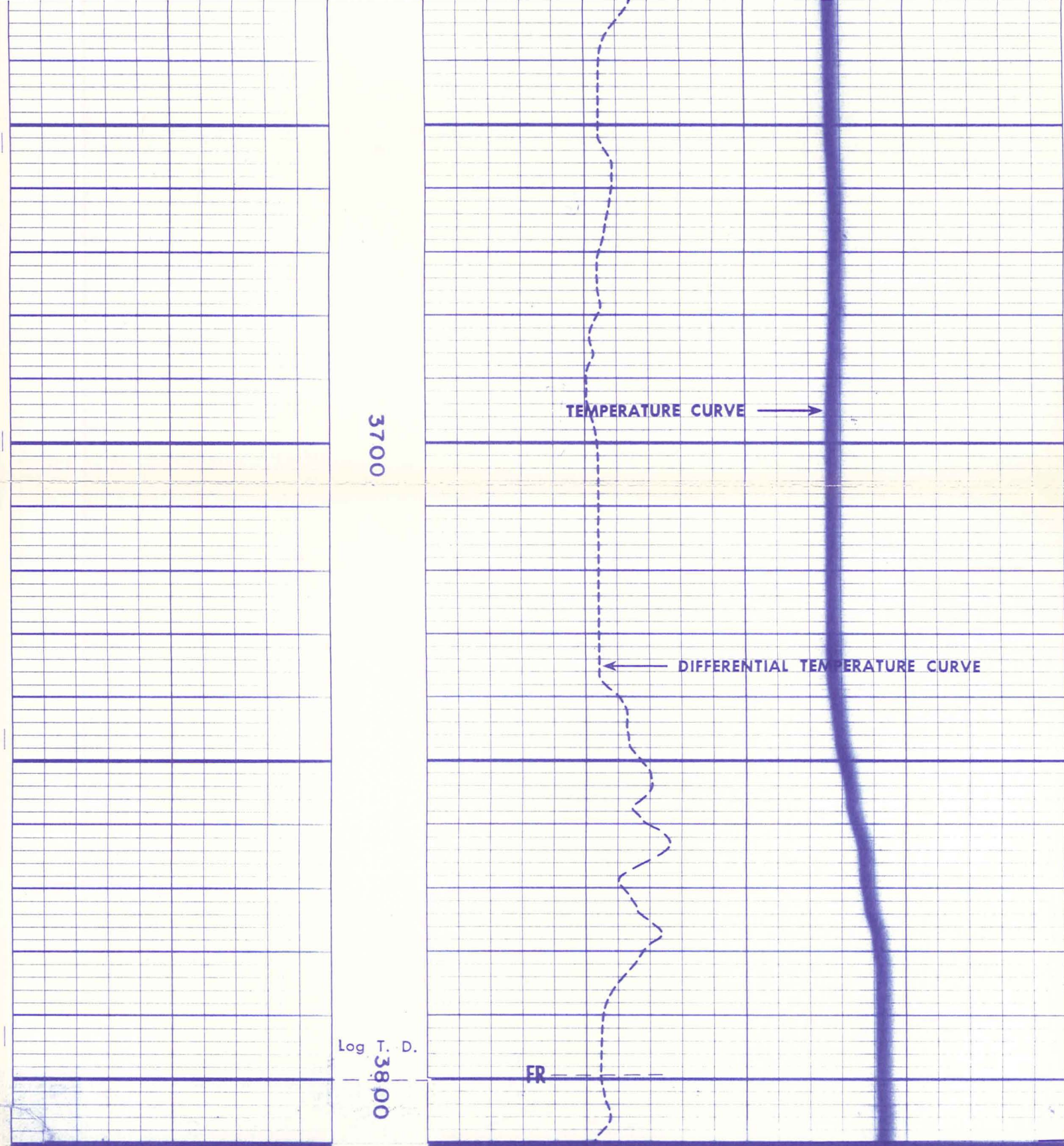
3500

3600

3700

TEMPERATURE CURVE

DIFFERENTIAL TEMPERATURE CURVE



DIFF. TEMP

TEMPERATURE - °F

### TEMPERATURE SURVEY

Company	E. G. & G. IDAHO INC.	Drillers T.D.	3858
Well	R.R.G.I. #7	Log F.R.	3800
Field	RAFT RIVER GEOTHERMAL	Log T.D.	3800
County	CASSIA	Elevations:	
State	IDAHO	K.B.	4871
		D.F.	4870
		G.L.	4855



  
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