

GL02672

Schlumberger

SIMULTANEOUS  
COMPENSATED NEUTRON-  
FORMATION DENSITY

COUNTY \_\_\_\_\_  
FIELD \_\_\_\_\_  
LOCATION \_\_\_\_\_  
WELL \_\_\_\_\_  
COMPANY \_\_\_\_\_

COMPANY E G & G IDAHO, INC.  
WELL RRGP #5  
FIELD RAFT RIVER  
COUNTY CASSIA STATE IDAHO  
LOCATION NE, SW  
API SERIAL NO. 22 SEC. 15S TWP. 26E RANGE  
Other Services: DIL/GR  
BHC/GR/TTI  
HRT, ICS  
FRS, RGT

Permanent Datum: GL; Elev.: 4988  
Log Measured From KB, 16 ft. Above Perm. Datum  
Drilling Measured From KB

Elev.: K.B. 5004  
D.F. \_\_\_\_\_  
G.L. 4988

Date	9/15/78		
Run No.	ONE		
Depth-Driller	4925		
Depth-Logger	4936		
Btm. Log Interval	4934		
Top Log Interval	3396		
Casing-Driller	95/8 @ 3408	@	@
Casing-Logger	3417		
Bit Size	8.75		
Type Fluid in Hole	FORMATION WATER (FLOWING)		
Dens.	NA	NA	ml
Visc.	NA	NA	ml
pH	NA	NA	ml
Fluid Loss	FLOWLINE		
Source of Sample			
Rm @ Meas. Temp.	@	@	@
Rmf @ Meas. Temp.	@	@	@
Rmc @ Meas. Temp.	@	@	@
Source: Rmf			
Rmc			
Rm @ BHT	@	@	@
Circulation Stopped	9/13 @ 0700		
Logger on Bottom	9/15 @ 0130		
Max. Rec. Temp.	274 °F		
Equip. Location	8060 EVSTN		
Recorded By	ROONEY		
Witnessed By	STEADHAM		

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

RUN NO.	ONE		
Service Order No.	39834		
Fluid Level	FULL		
Salinity, PPM CL.			
Speed - F.P.M.	30		
<b>EQUIPMENT DATA</b>			
Dens. Panel	NLM	BB 178	
Dens. Cart.		40	
Dens. Skid.		252	
Dens. Sonde		59	
Dens. Source		5025	
Dens. Calibrator		584	
Neut. Panel	NLM	BB 178	
Neut. Cart.		125	
Neut. Source		1281	
Neut. Calibrator		1342	
GR Cart.		JAA 516	
Memorizer Panel		CSU	
Tape Recorder (TTR)		CSU	
Depth Encoder (DRE)		CSU	
Pressure Wheel (CPW)		CSU	
Centralizers:	Type	BOWSPRING	
Enter Spring, Standoffs, In-line, or None	No.	ONE	
	S. O. - Inches		
<b>CALIBRATION DATA</b>			
GR	BKG. CPS	65	
	Source CPS	210	
	Sens. - Cal	0-150	
	T. C. - Cal		
INC	Short Spacing - Before Log	RATIO CAL	
	Long Spacing - Before Log	= 2.35	
	Short Spacing - After Log	RATIO CAL	
	Long Spacing - After Log	= 2.35	
FDC	P1 - Before Log	397	
	P2 - Before Log	580	
	P1 - After Log	395	
	P2 - After Log	575	

LOGGING DATA

DEPTH		CNP			FDC			GR				
Top	Bottom	Porosity Scale	Matrix	Auto Corr. or Hole Size Setting	Porosity Scale	Grain Density	Liquid Density	Hole Fluid	Sens. Logged	T. C.	Zero. Div. Left	Scale Per 100 Div.
3396	4934	20/TRK	SAND	AUTO	20/TRK	2.65	1.0	L10	0-150		0	150

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

CALICIN	6.000	16.00	TENS(LB)	10000.	0.0
GR (GAPI)			NPHIC		0.3000
			DPHIC		-0.100

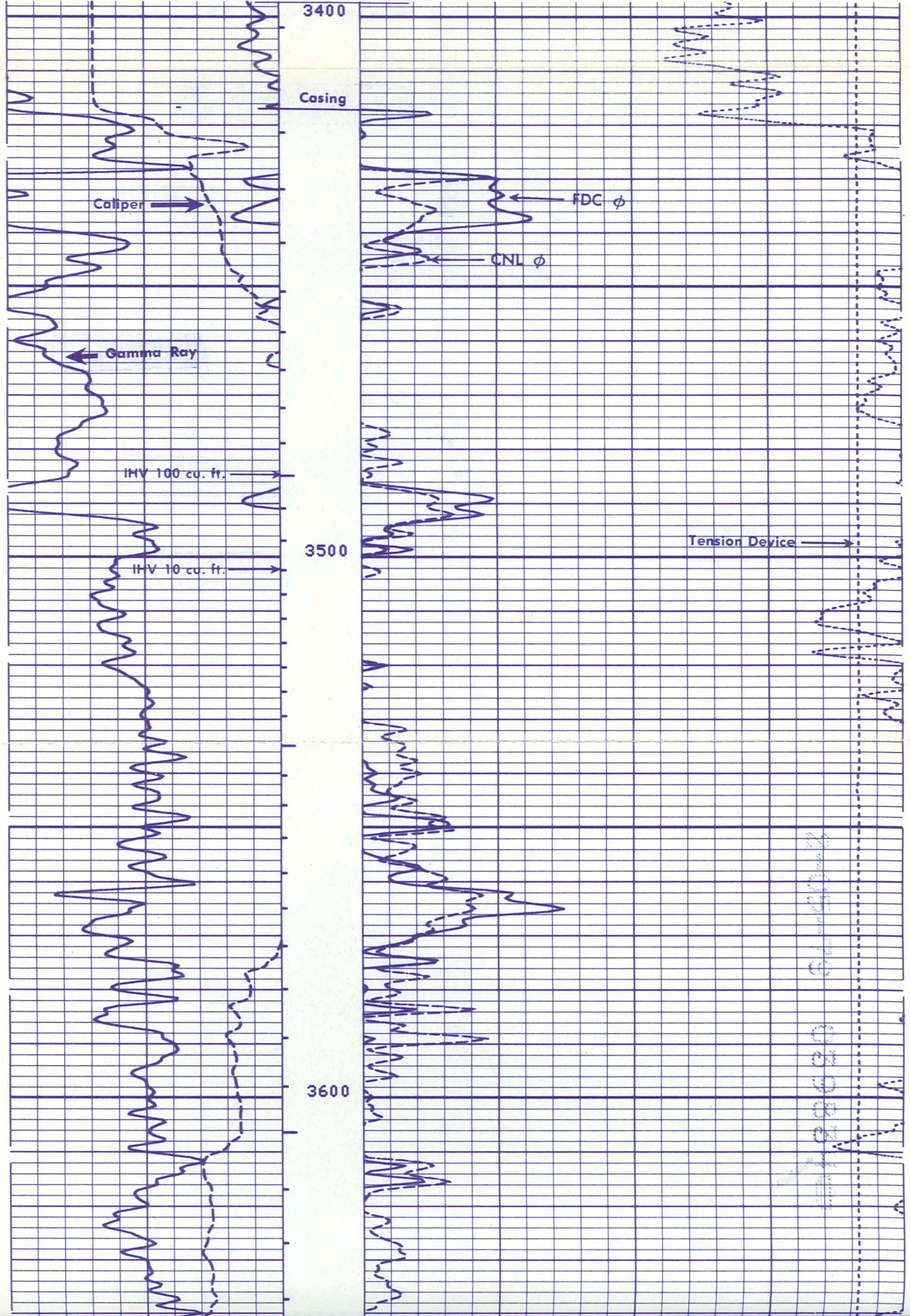
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

	CALI(IN)	
6.000		16.00
	GR (GAPI)	
0.0		150.0

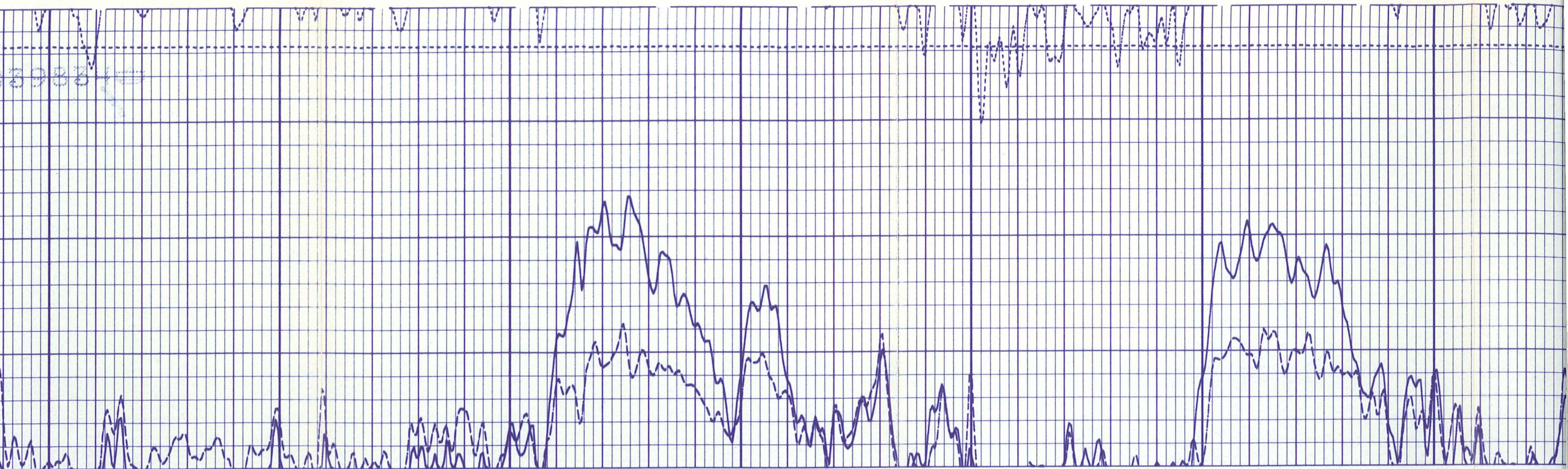
	TENS(LB)	
10000.		0.0
	NPHI( )	
0.7000		0.3000
	DPHI( )	
0.3000		-0.100
	NPHI( )	
0.3000		0.100

LR

28600



28600

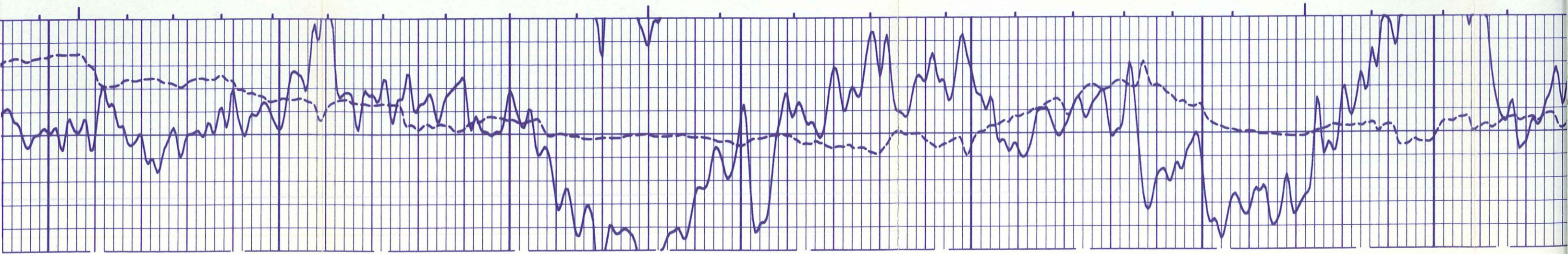


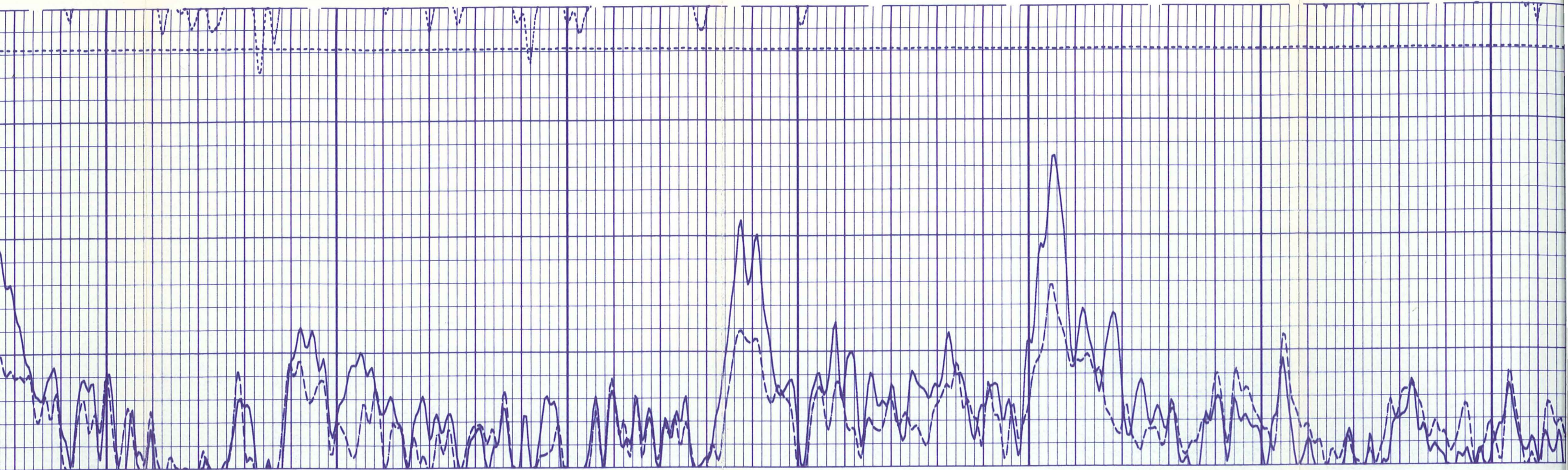
3600

3700

3800

3900



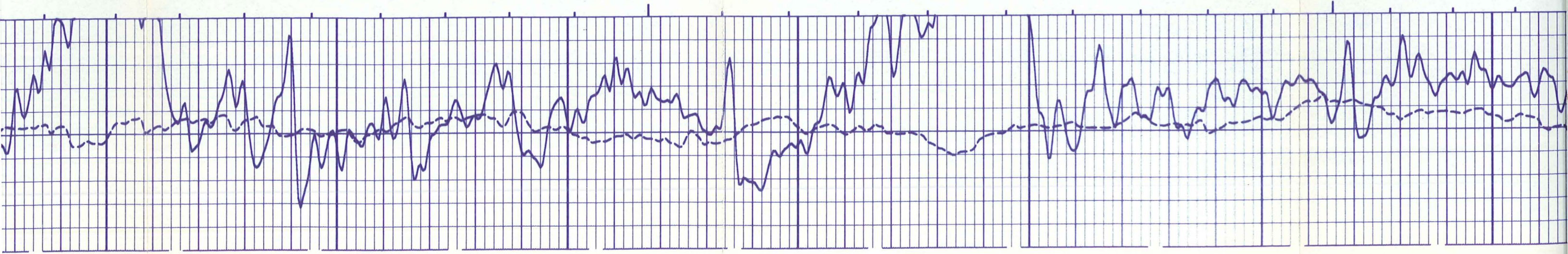


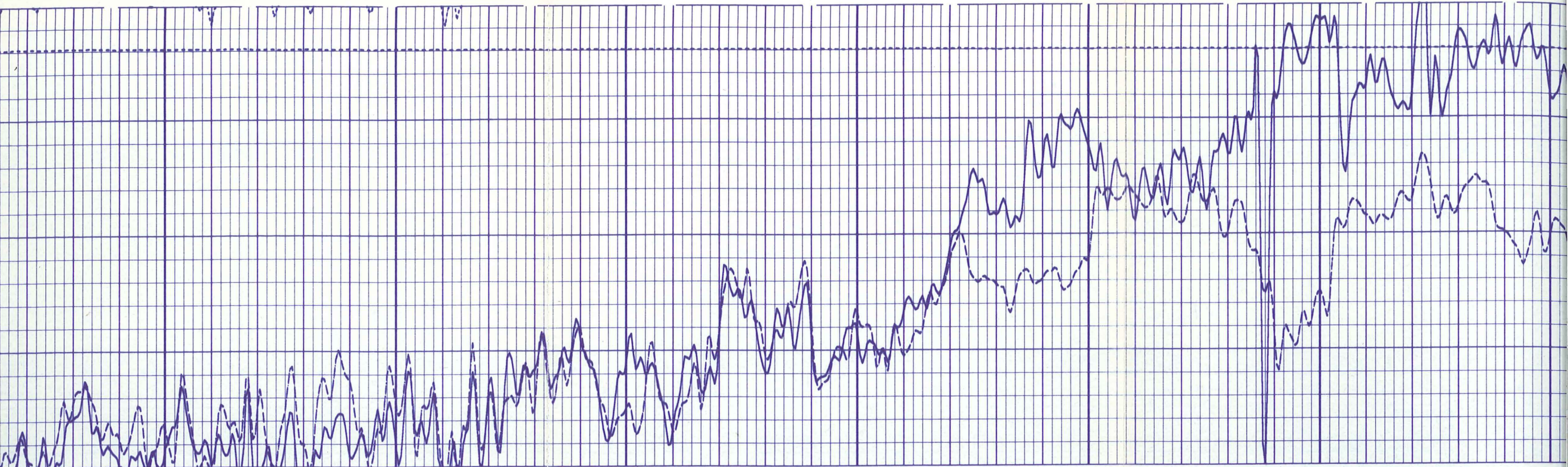
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4100

4200



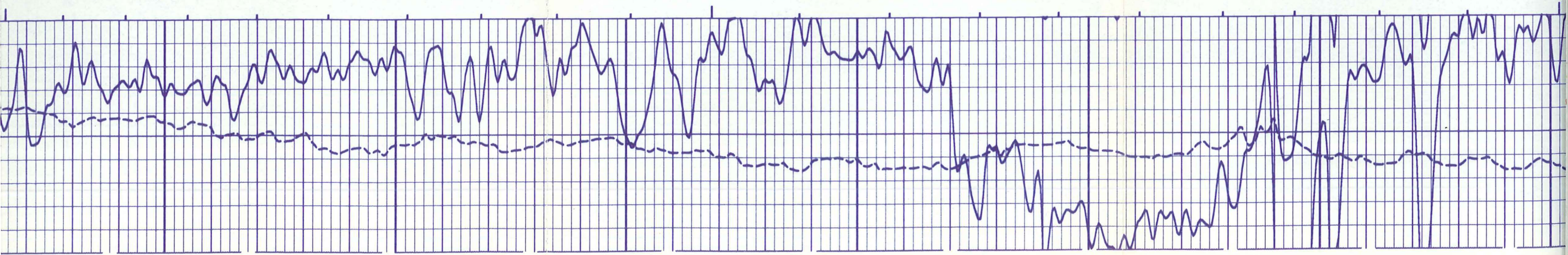


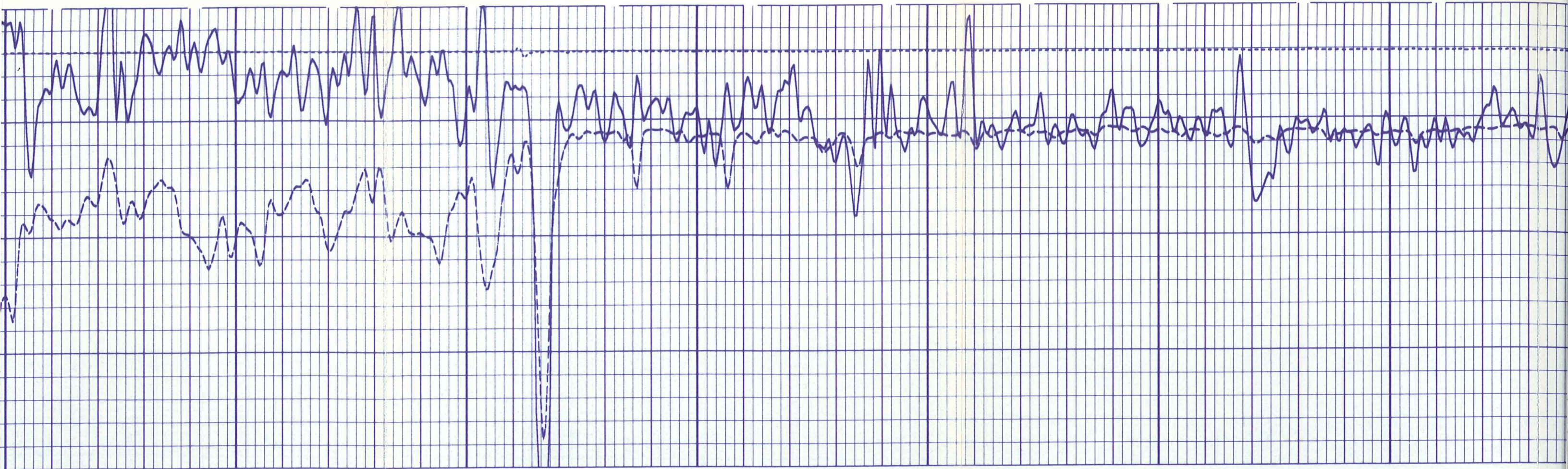
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4300

4400

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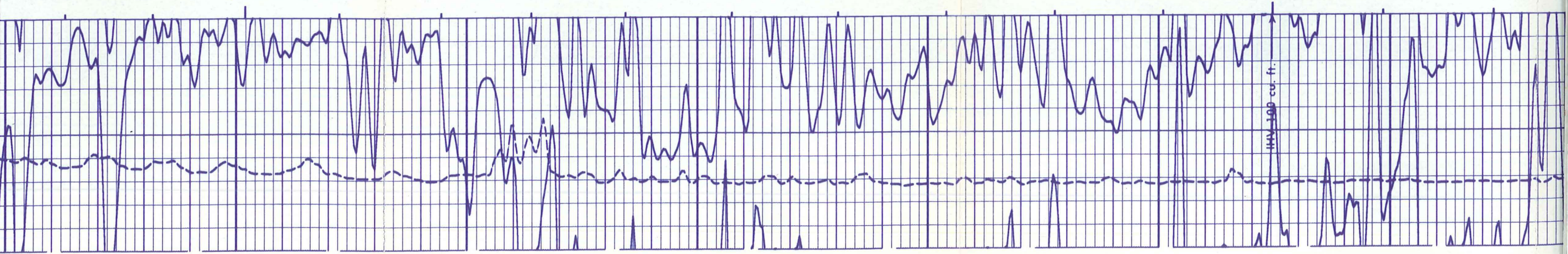




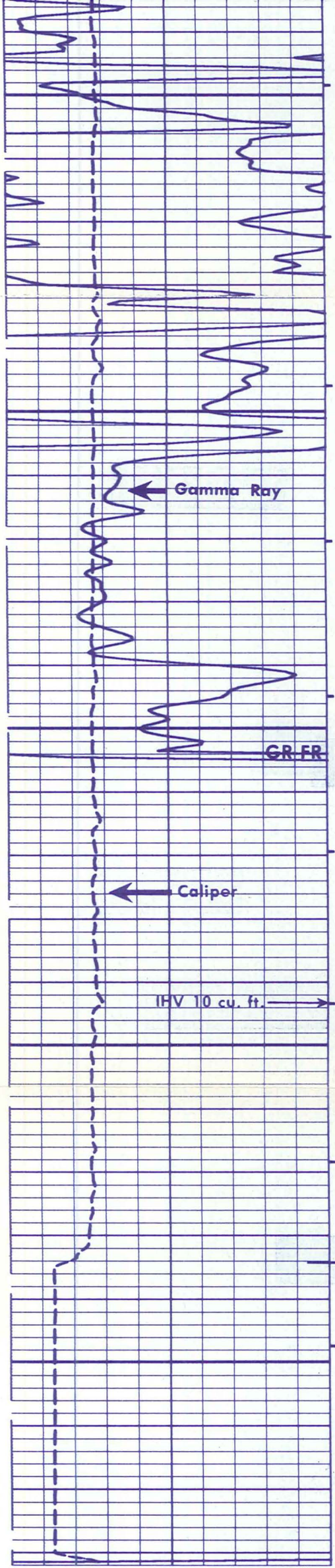
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4600

4700



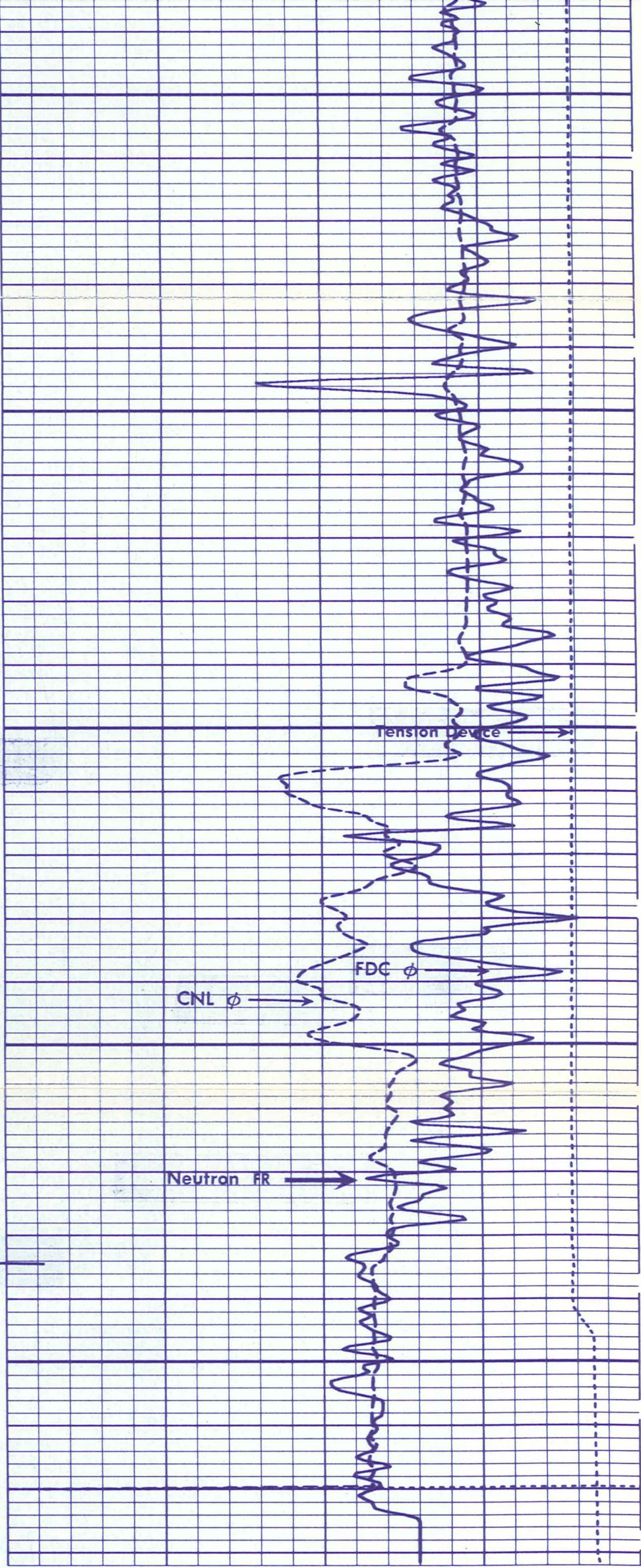
11V 100 cu. ft.



4800

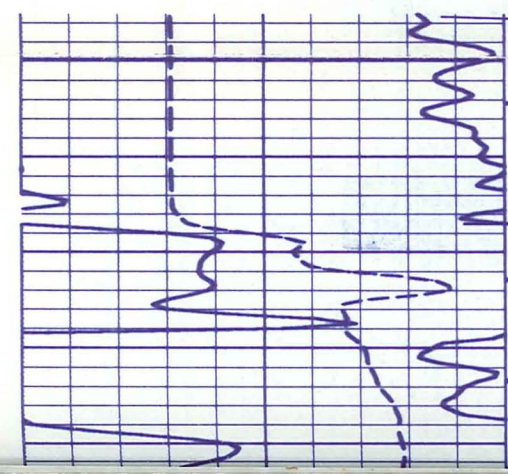
4900

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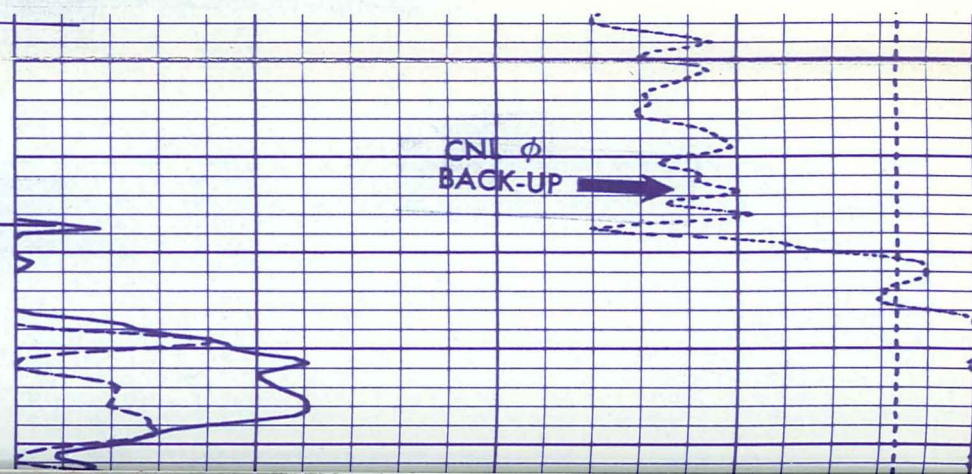
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**REPEAT SECTION**



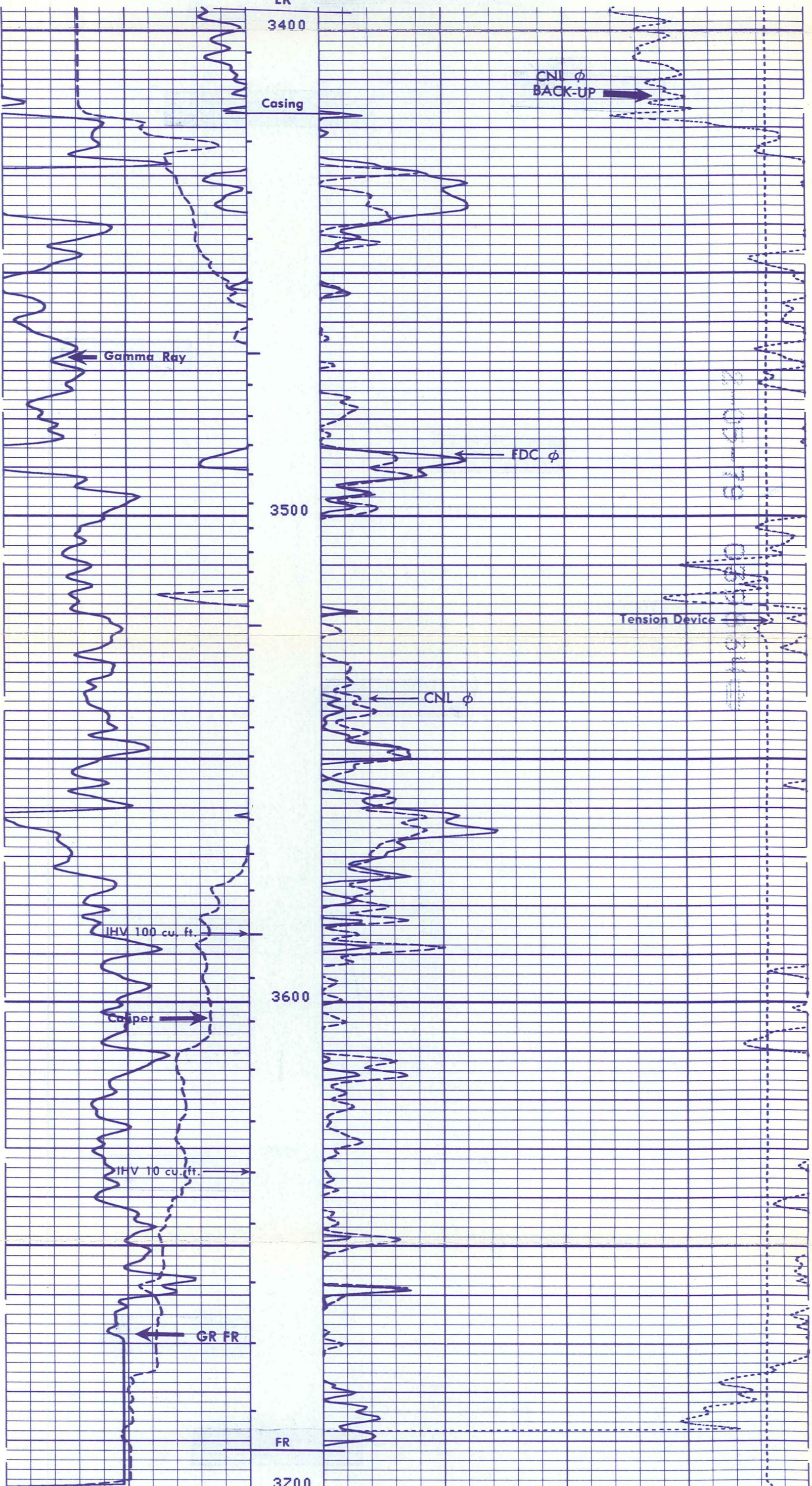
3400

LR



REPEAT SECTION

LR 4



3400

Casing

CNL  $\phi$   
BACK-UP

Gamma Ray

FDC  $\phi$

3500

Tension Device

CNL  $\phi$

IHV 100 cu. ft.

3600

Copper

IHV 10 cu. ft.

GR FR

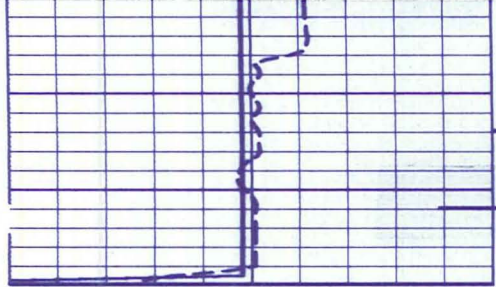
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3700

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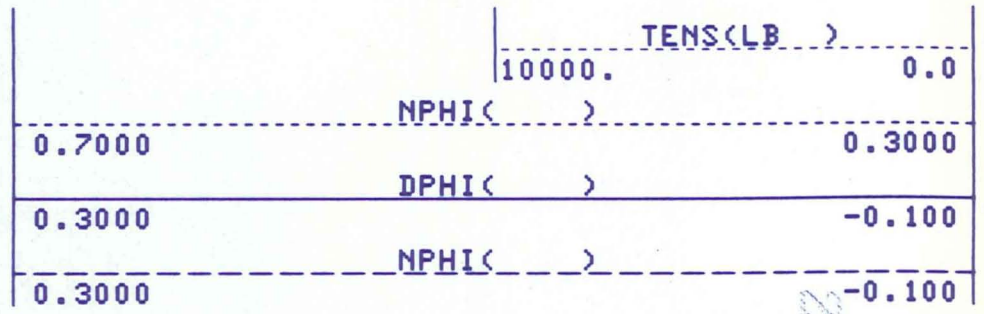
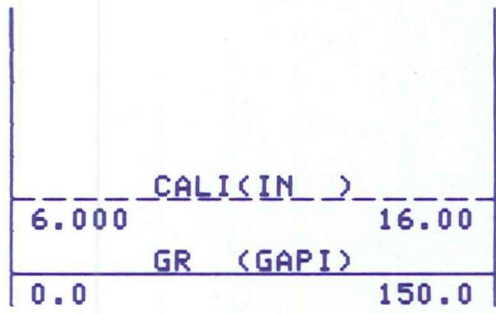
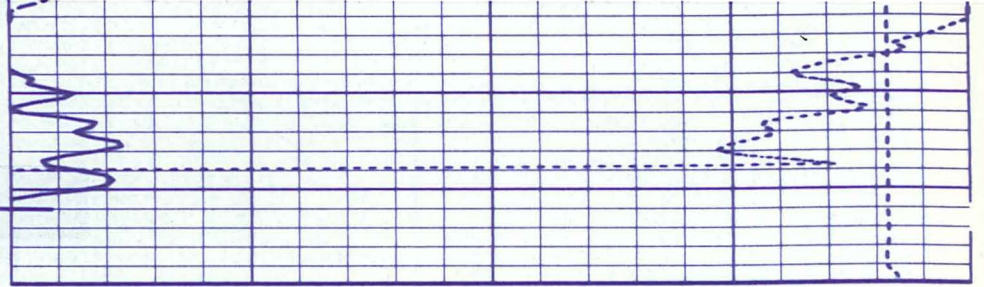
TENS(LB )



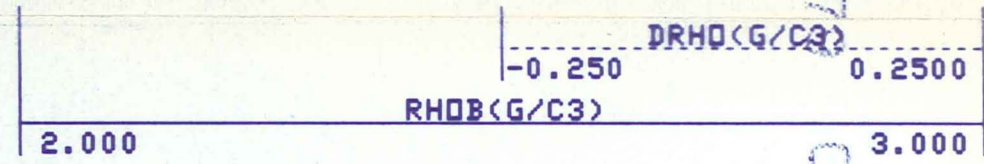
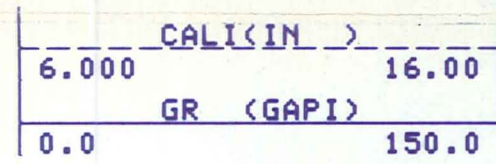


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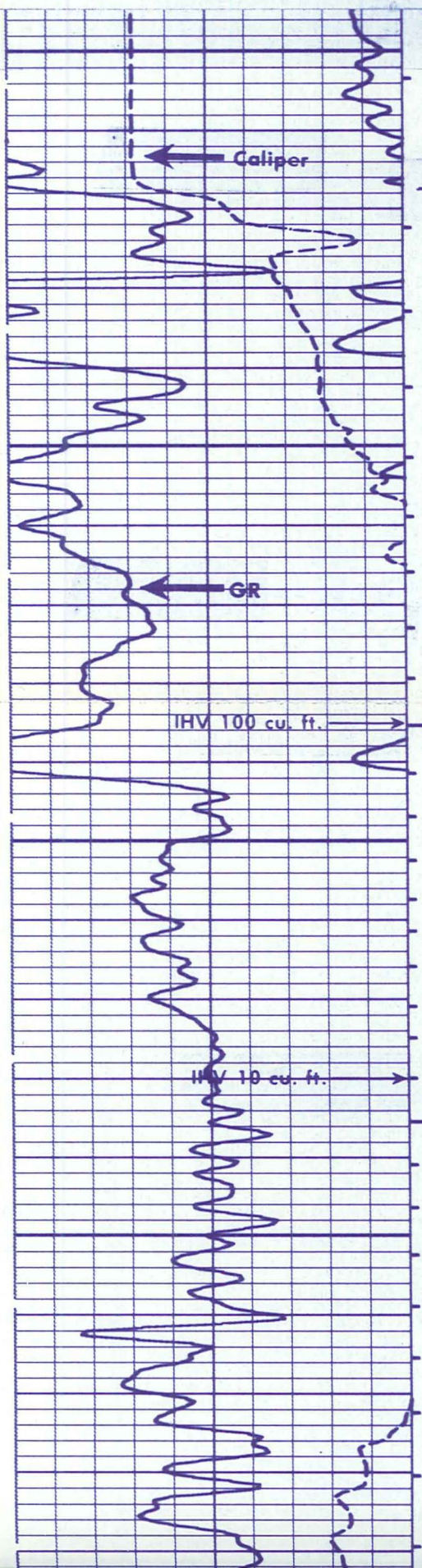
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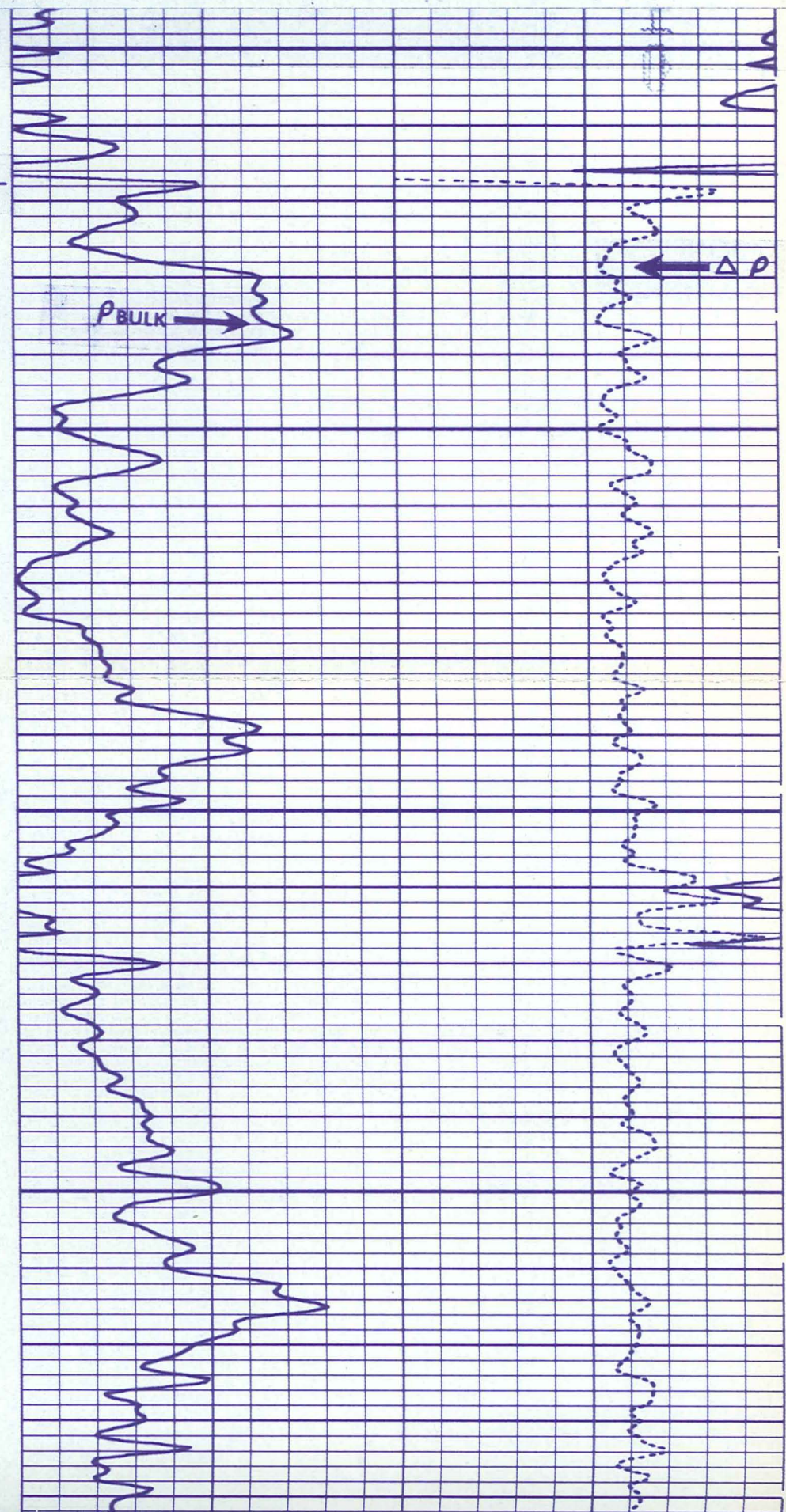
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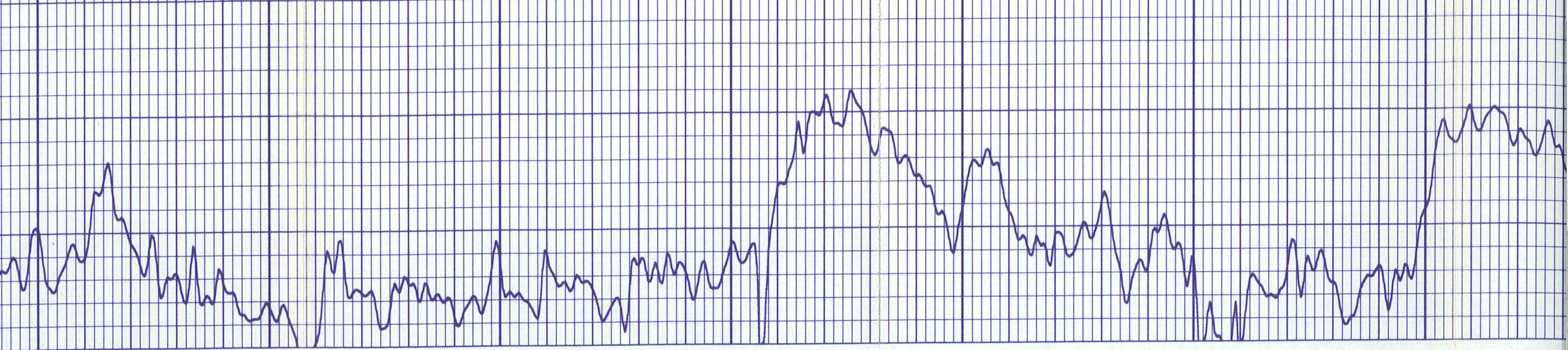
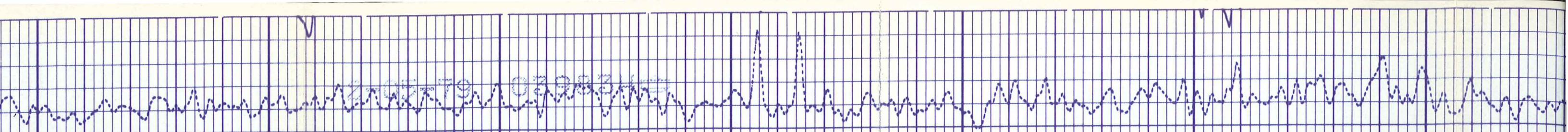
-LR  
3400

-CSG

3500



2-05-71  
03983

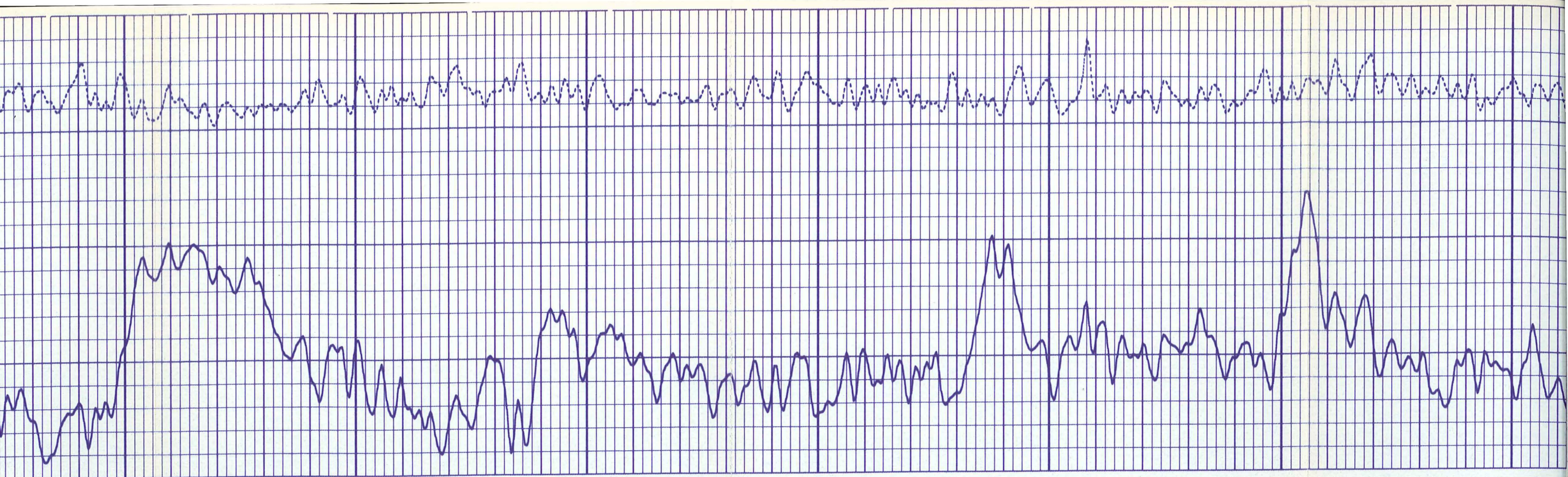


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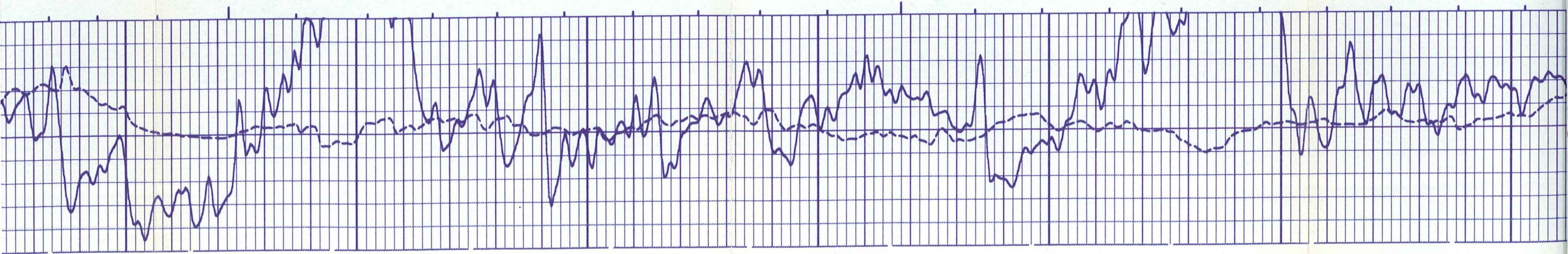


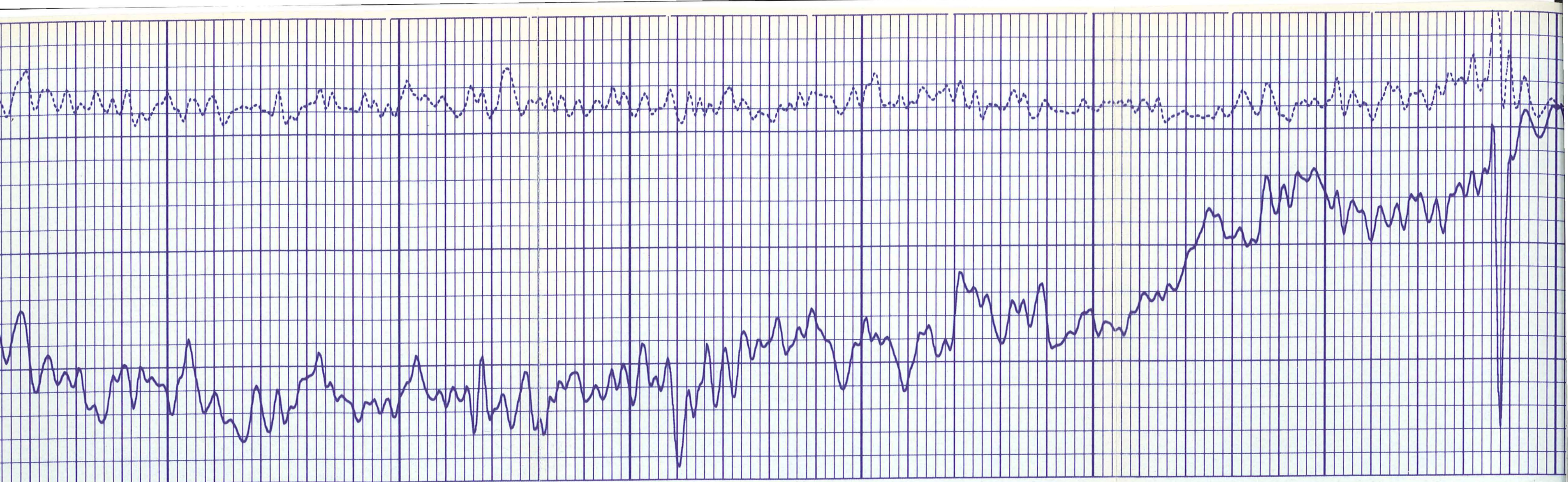


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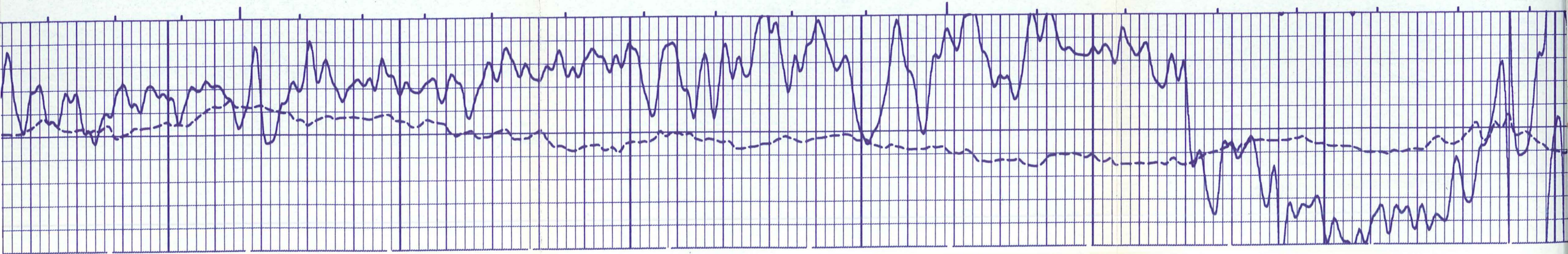


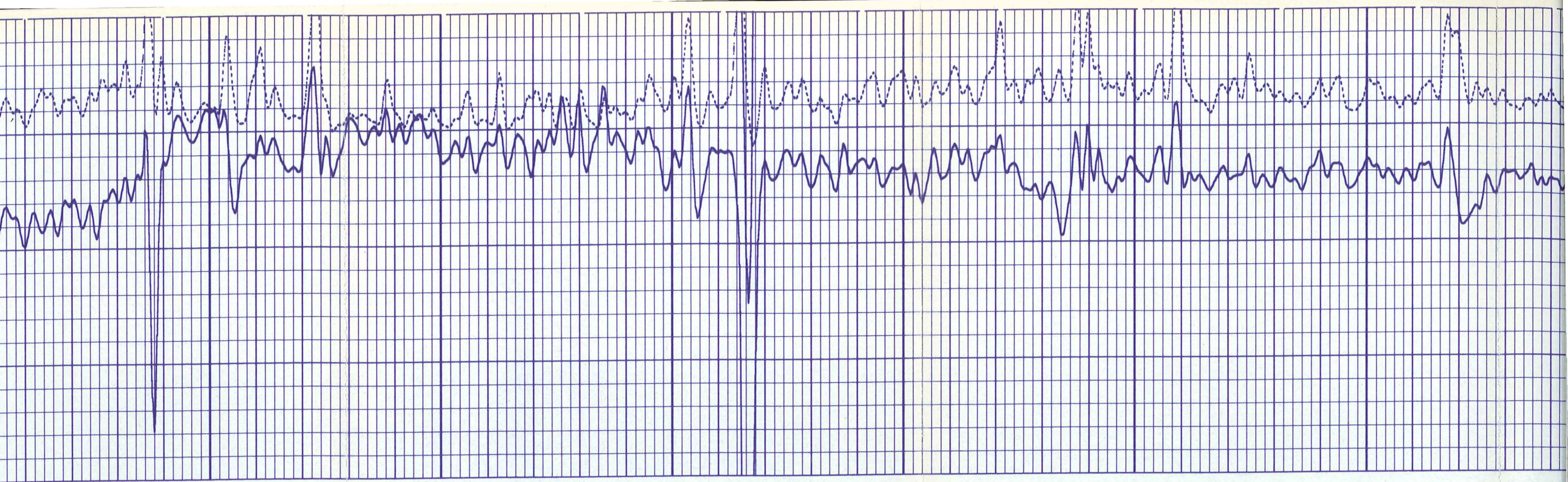


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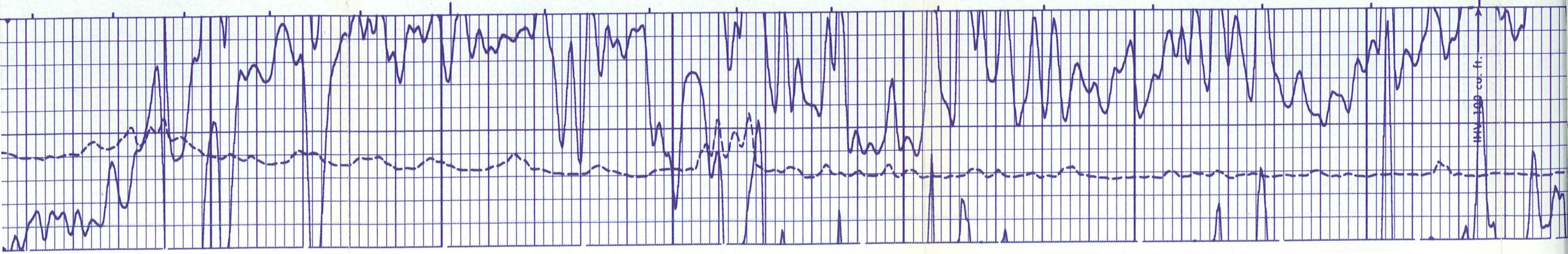




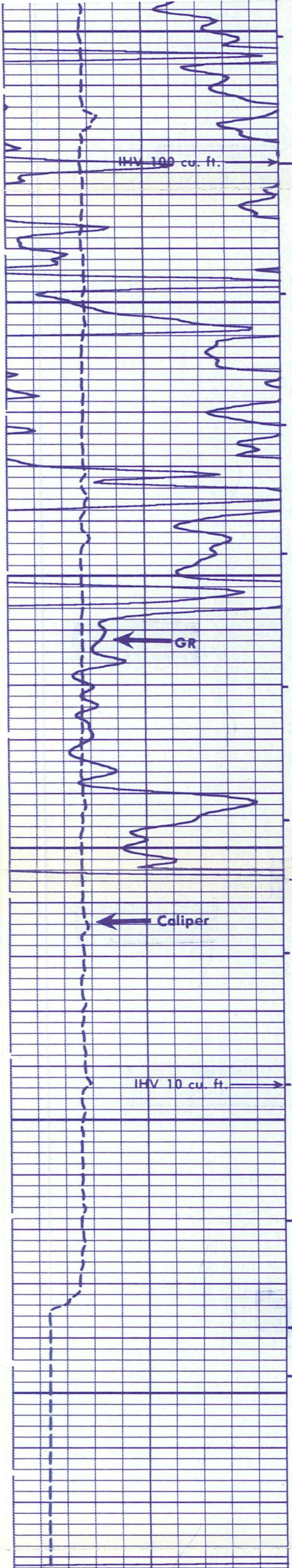
4500

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100 cu. ft.



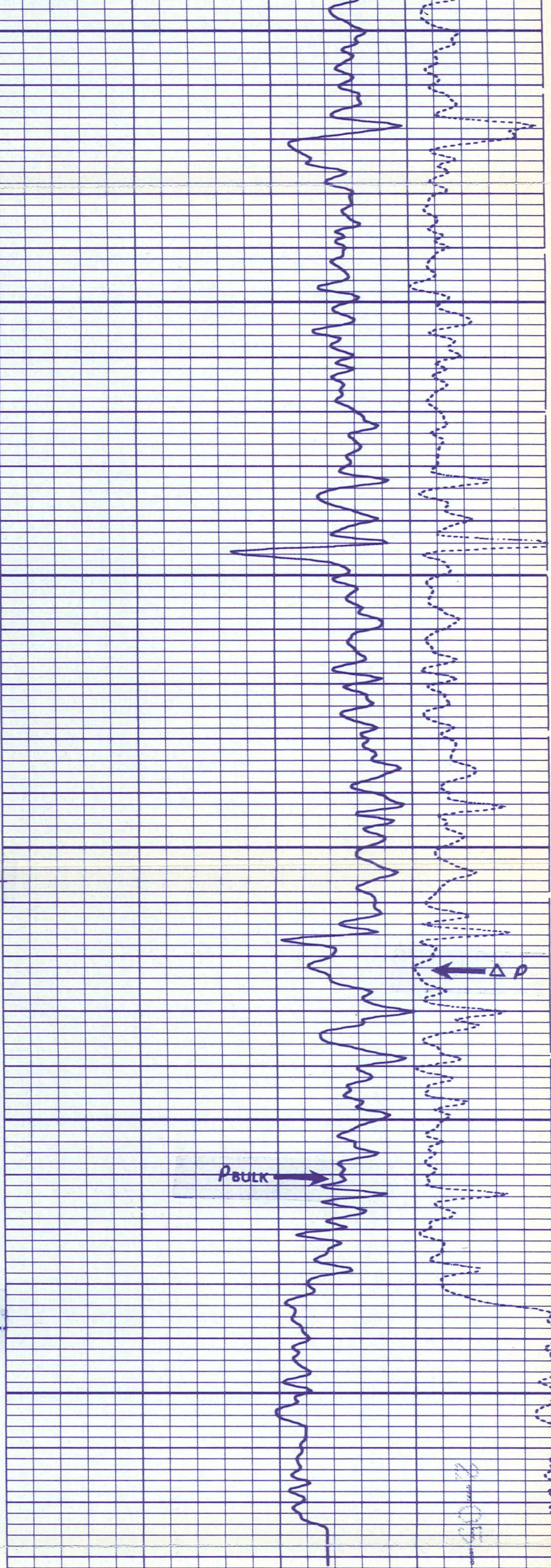
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GR FR

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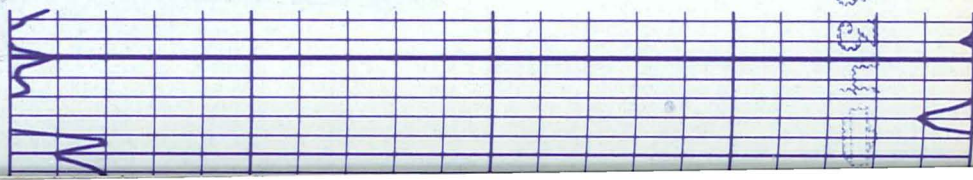
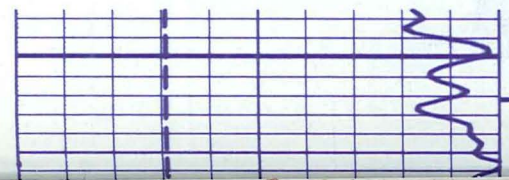
P<sub>BULK</sub>

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REPEAT SECTION

LR 3400



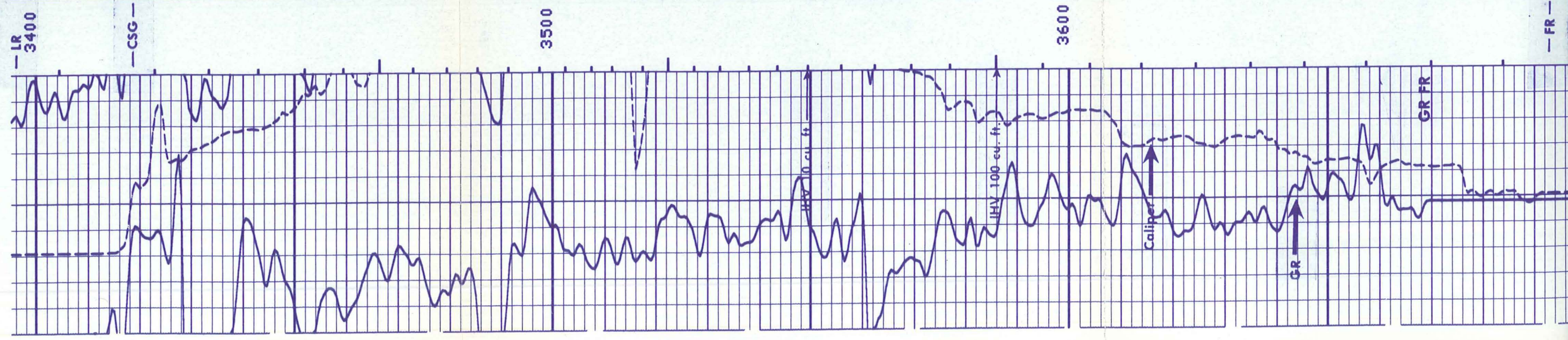
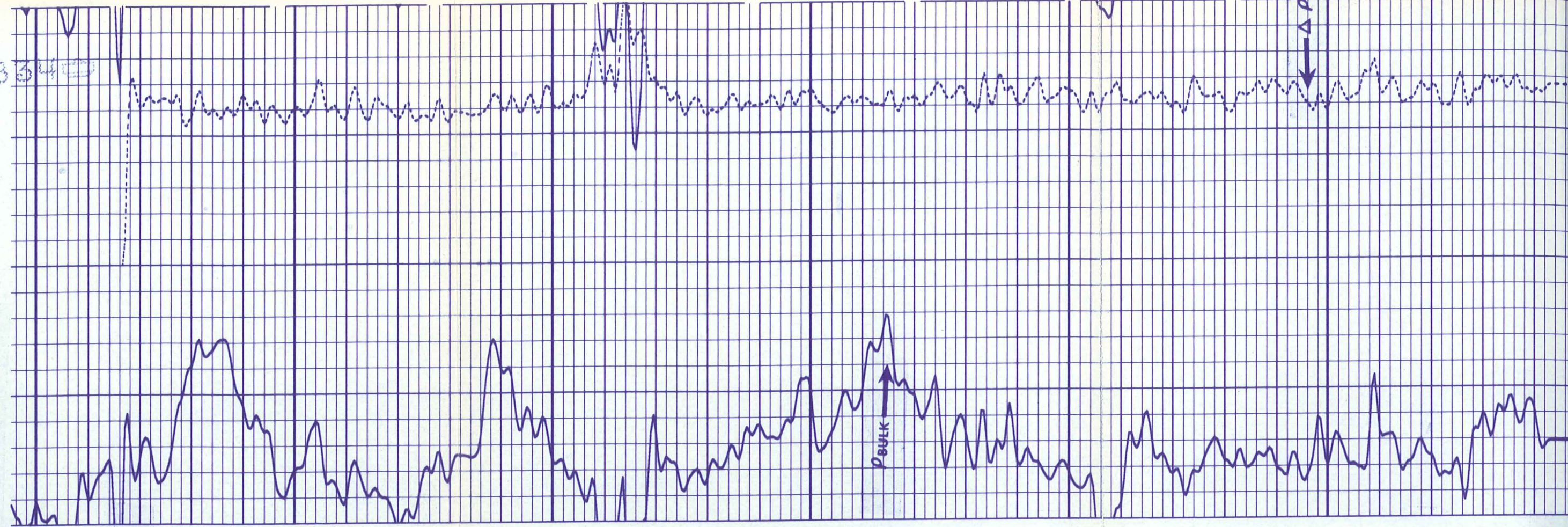
2-05-79

0398640

79

039854

REPEAT SECTION



5555 44444

LR 3400

CSG

3500

3600

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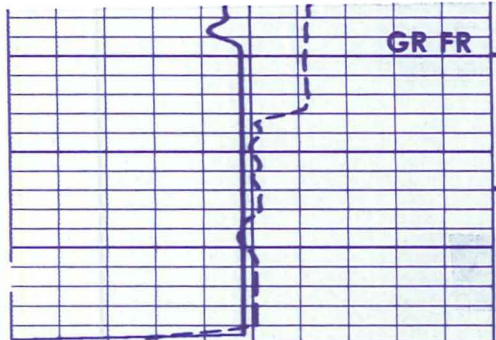
10 cu. ft.

100 cu. ft.

Caliper

GR

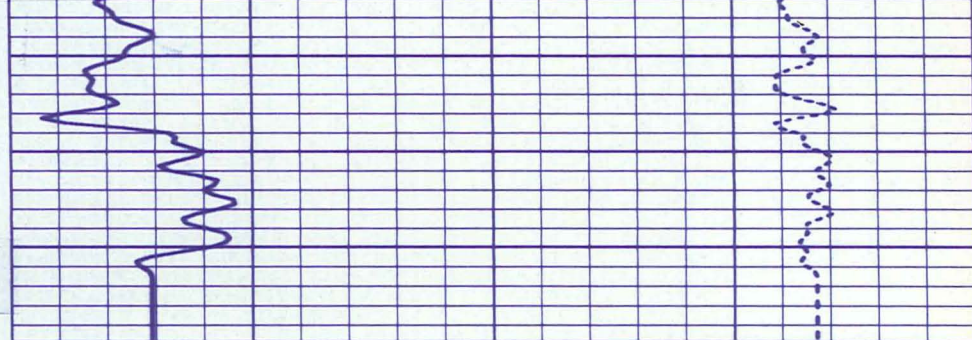
GR FR



-FR-

3700

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CALI(IN)		
6.000	16.00	
GR (GAPI)		
0.0	150.0	

DRHO(G/C3)		
-0.250	0.2500	
RHOB(G/C3)		
2.000	3.000	

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2-05-79 039834

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 78/09/15  
PROGRAM FILE: NUC (VERSION 10.52 78/ 6/28)

SGTE DETECTOR CALIBRATION SUMMARY

GR	MEASURED		CALIBRATED	UNITS
	BKGD	JIG		
	65	210	164	GAPI

CNTA DETECTOR CALIBRATION SUMMARY

NRAT	TANK CALIBRATED	MEASURED	JIG	
			CALIBRATED	UNITS
	0.0	2.35	2.16	

PGTE DETECTOR CALIBRATION SUMMARY

FFDC NFDC	BLOCK CALIBRATED	MEASURED	JIG		UNITS
			CALIBRATED	UNITS	
	0	397	336	CPS	
	0	580	527	CPS	

PGTE CALIPER CALIBRATION SUMMARY

CALI	MEASURED		CALIBRATED		UNITS
	SMALL	LARGE	SMALL	LARGE	
	7.4	10.3	8.0	12.0	IN

3  
3  
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3

2-05-79 039834

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 78/09/15  
PROGRAM FILE: NUC (VERSION 10.52 78/ 6/28)

CNTA TOOL CHECK

NRAT	JIG	
	BEFORE	AFTER
	2.16	2.16

POROSITY CHANGE (LIME): 0.000

PGTE TOOL CHECK

FFDC NFDC	JIG		UNITS
	BEFORE	AFTER	
	336	335	CPS
	527	523	CPS

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