

GL02581
Schlumberger

UNCOMPENSATED FORMATION
DENSITY AFTER CEMENTATION

COUNTY _____
FIELD _____
LOCATION _____
WELL _____
COMPANY _____

COMPANY E G & G
WELL INEL # 1
FIELD WILDCAT
COUNTY BUTTE STATE IDAHO

Other Services:

Permanent Datum: GL; Elev.: 4874.86
Log Measured From: GL 0 Ft. Above Perm. Datum
Drilling Measured From: GL
Elev.: K.B. 4895
D.F. 4874.86
G.L. 4874.86

Date	Run No.	Depth-Driller	Depth-Logger (Schl.)	Btm. Log Interval	Top Log Interval	Casing-Driller	Casing-Logger	Bit Size	Type Fluid in Hole	Dens. Visc.	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source: Rmf Rmc	Rm @ BHT	Circulation Stopped	Logger on Bottom	Max. Rec. Temp.	Equip. Location	Recorded By	Witnessed By Mr.
3/10/79	ONE	1464	1469	26	26	20" @ 1464	1469	26	WATER					@	@	@		@	3/9 @ 1300	1600	62 °F	8073 EVSTN	BRADLEY	NEWMAN
3/12/79	TWO	1464	NOT LOGGED	26	26	20" @ 1464	NOT LOGGED	26	WATER					@	@	@		@	3/9 @ 1300	1330	TLTM °F	8073 EVSTN	BRADLEY	NEWMAN
3/30/79	THREE	3516	3502	3500	22	133/8 @ 3516	3514	17.50	WATER					@	@	@		@	3/28 @ 1400	3/30 @ 0300	124 °F	8060 EVSTN	ROONEY	NEWMAN

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

Run No.	ONE	TWO	THREE	SCALE CHANGES			
Service Order No.	74045	74045	40303	Type Log	Depth	Scale Up Hole	Scale Down Hole
API Serial No.							
Fluid Level	FULL	FULL	FULL				
EQUIPMENT DATA				REMARKS:			
SGC-JC	2055	2055	SGCJAA684				
PGC-J	104	104	PGC-G 65				
PGS-HB	82	82	PGS-EC59				
SFT-136	25	25	SFT106-606				
GSR-J	5308	5308	GSR-J5025				
NLM-BB	284	284	NLMBB178				
CALIBRATION DATA							
Speed - F.P.M.	30	30	30				
GR	BKG. CPS API	51	51	44			
	Source CPS API	217	217	190			
	Tc	AUTO	AUTO	AUTO			
BEFORE	FFDC	417	417	324			
	NFDC	694	694	563			
AFTER	FFDC	413	413	323			
	NFDC	693	693	563			

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.

CALIKIN	15.00	25.00
GR (GAPI)	0.0	150.0

RHOB(G/C3)	2.000	3.000
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Run 2 after CEMENTING

LR

6-01-79 07

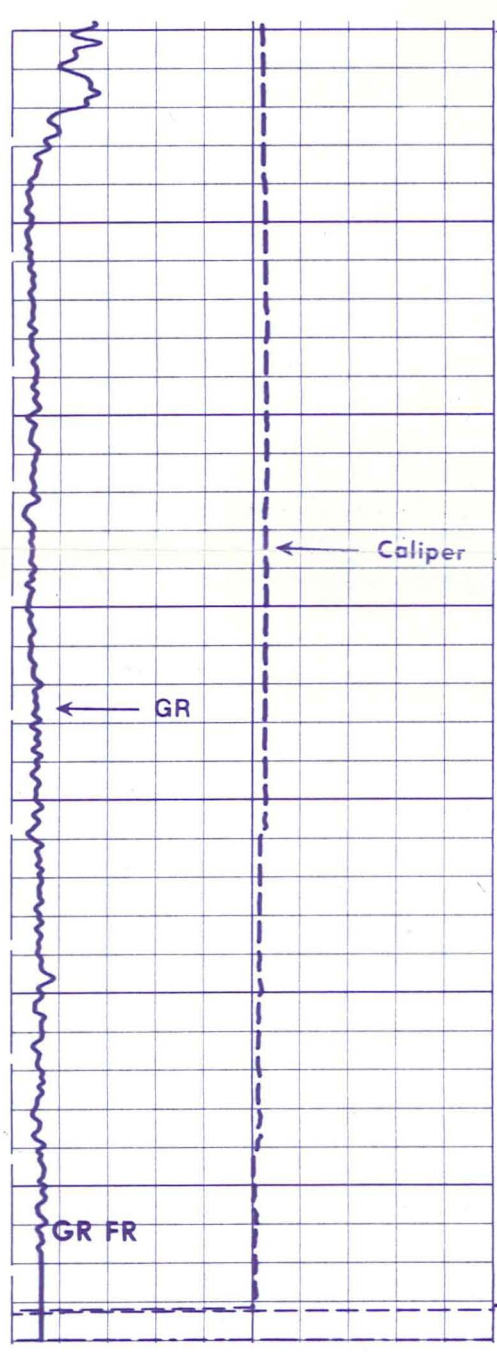
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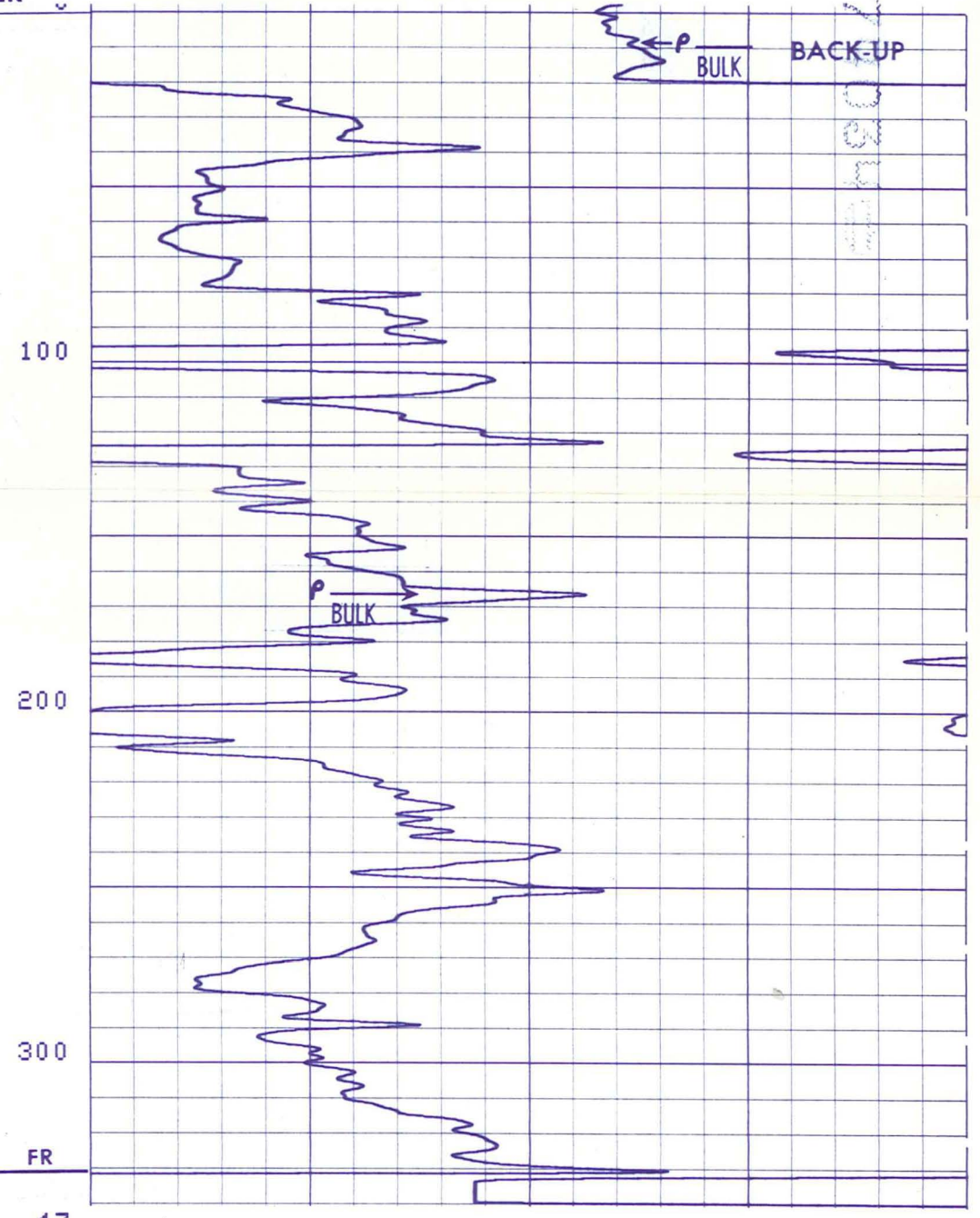
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Run 2 after CEMENTING



LR



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15.00	CALI(IN)	25.00
0.0	GR (GAPI)	150.0

	RHOB(G/C3)
2.000	3.000

46
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15.00	CALI(IN)	25.00
0.0	GR (GAPI)	150.0

	RHOB(G/C3)
2.000	3.000

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Run 1 after CEMENTING

LR

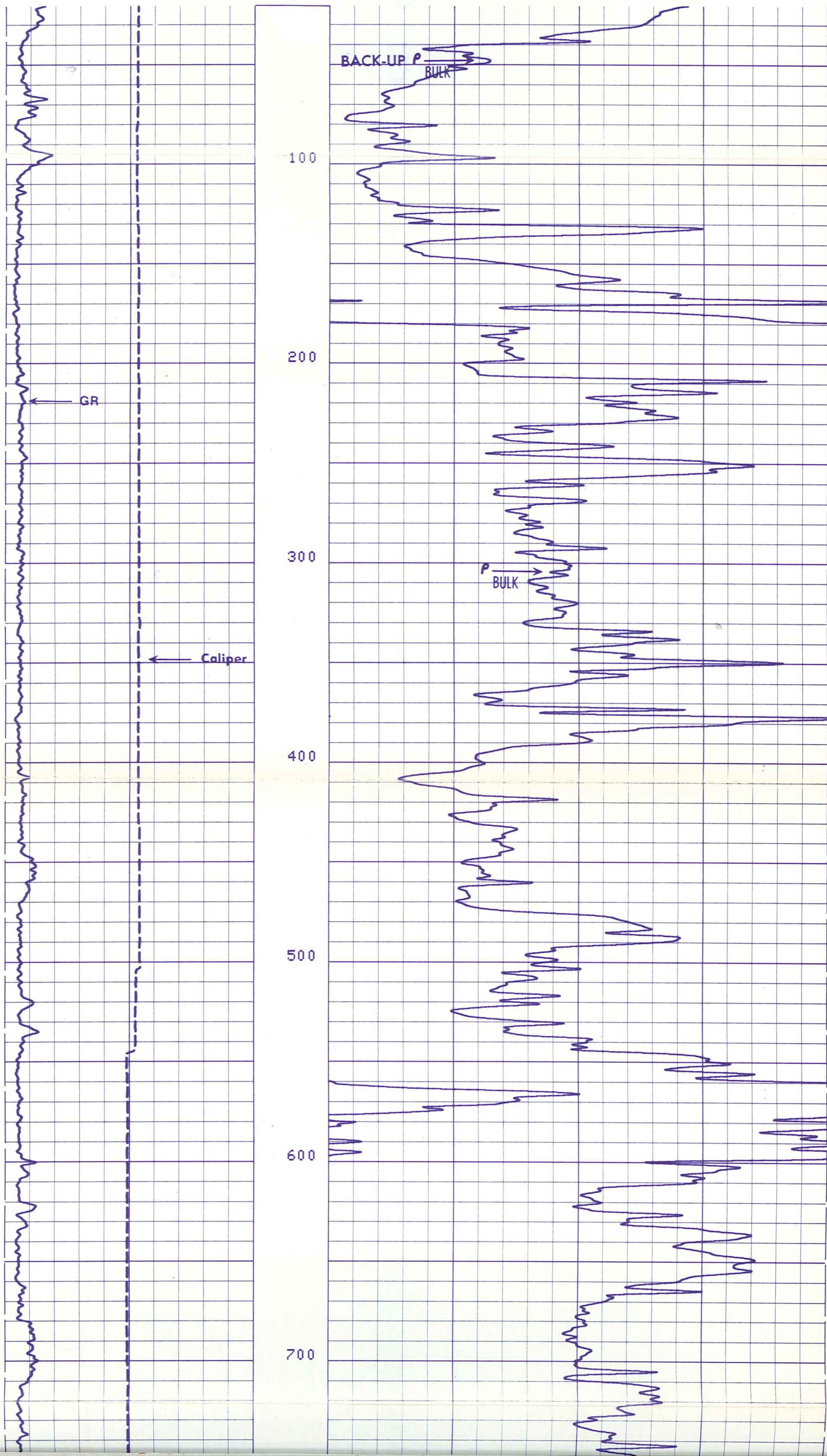
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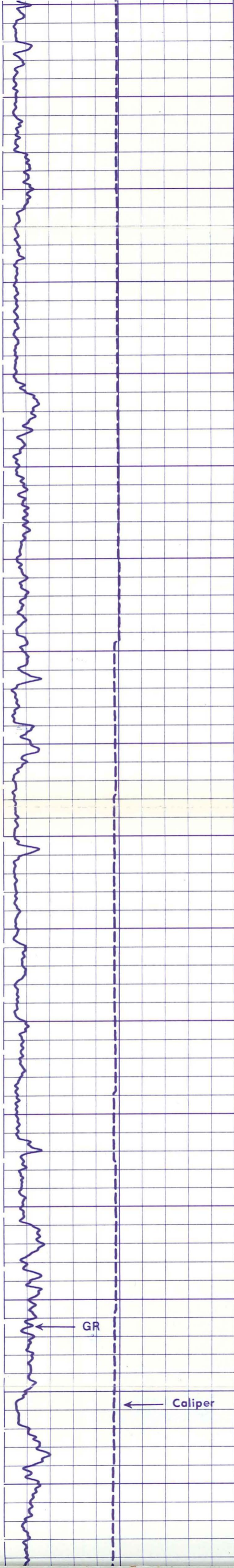
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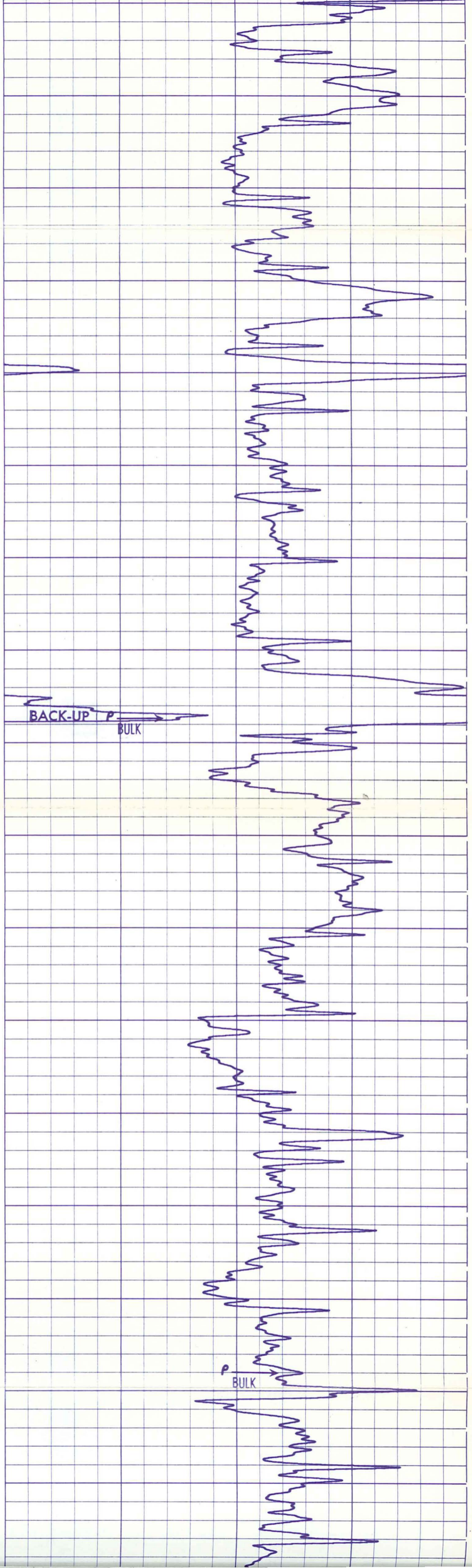
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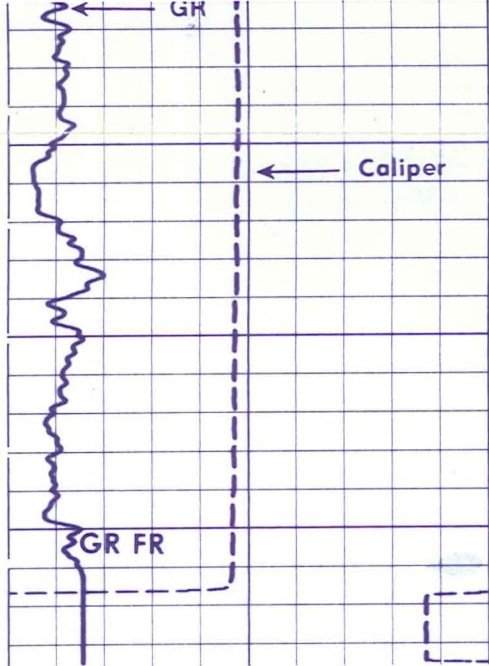
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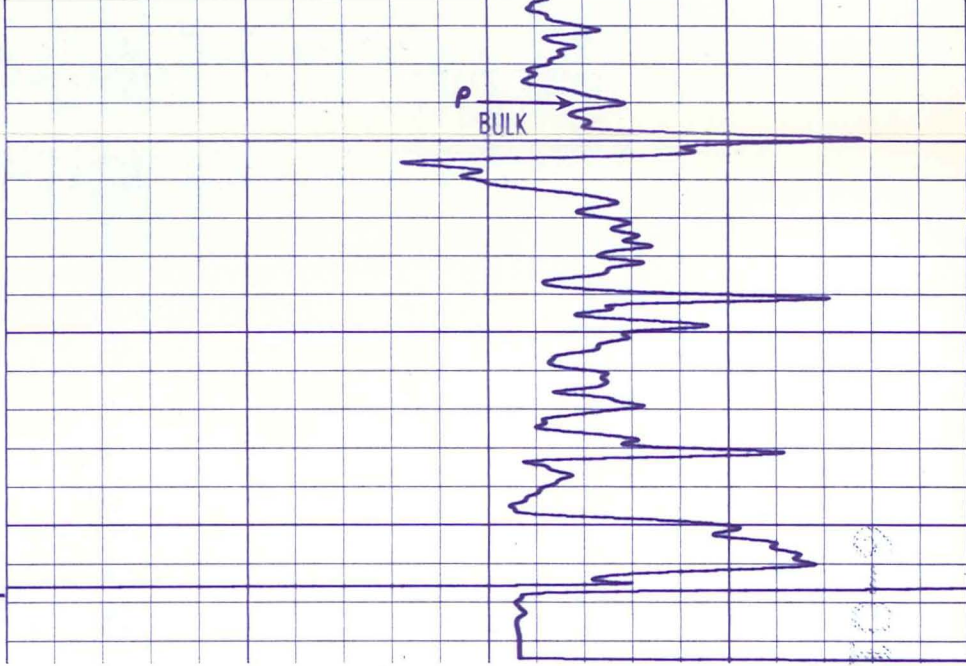
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GR (GAPI)	
0.0	150.0

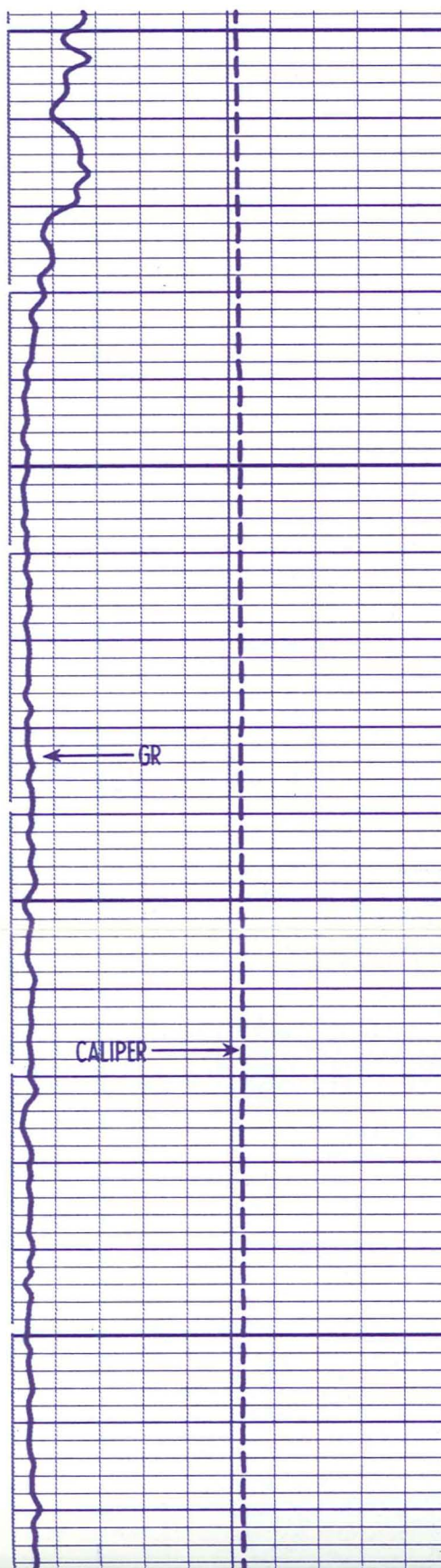
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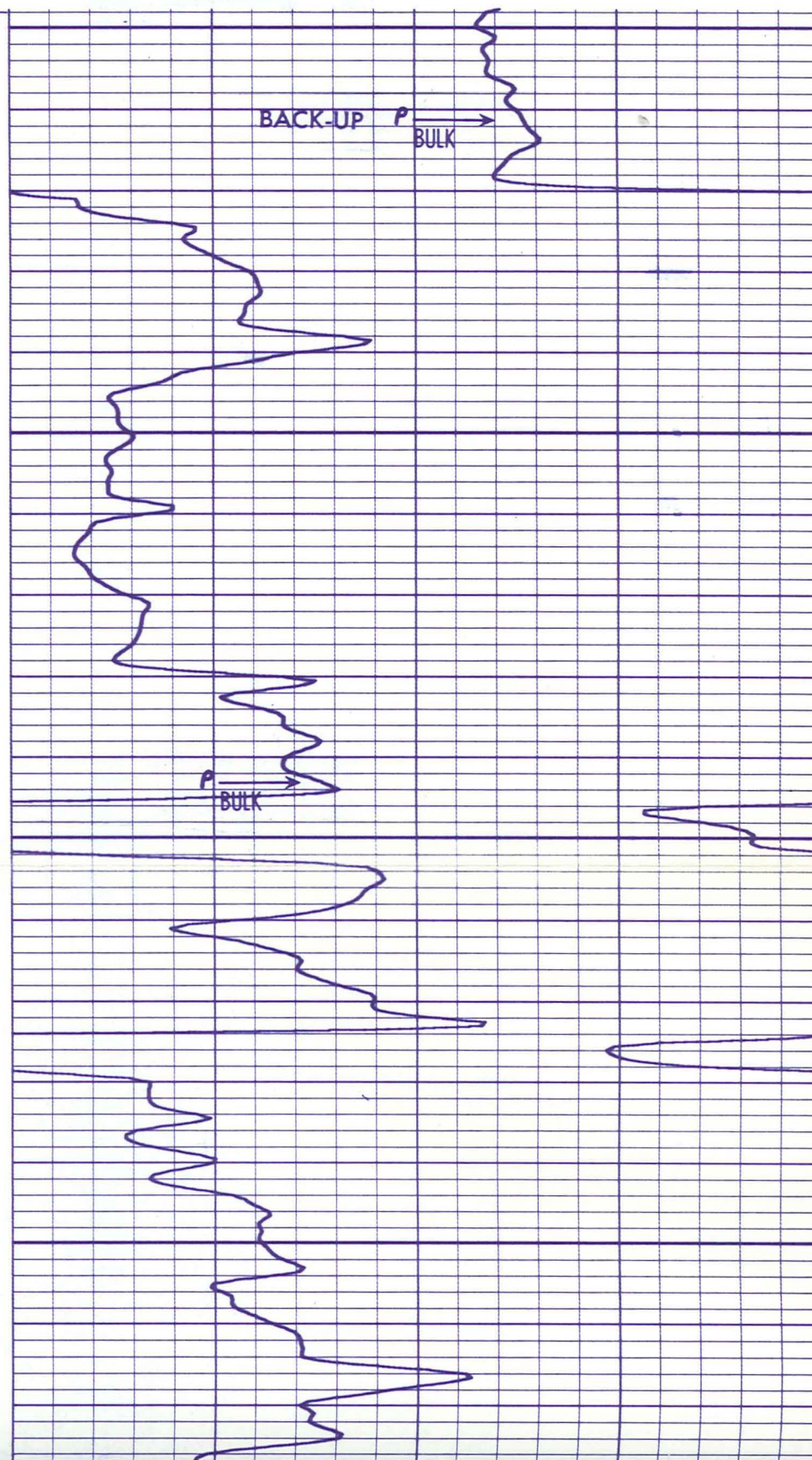
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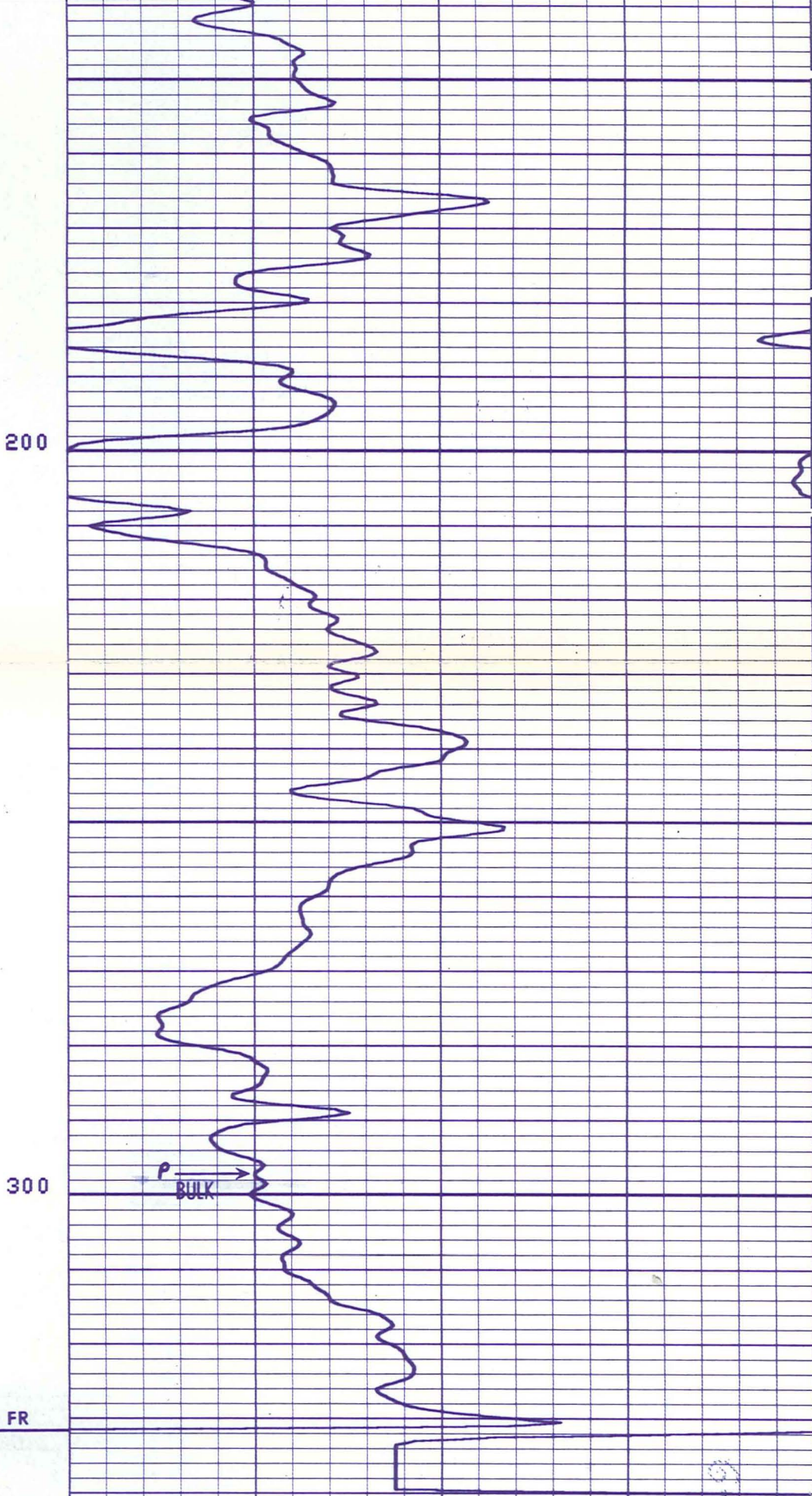
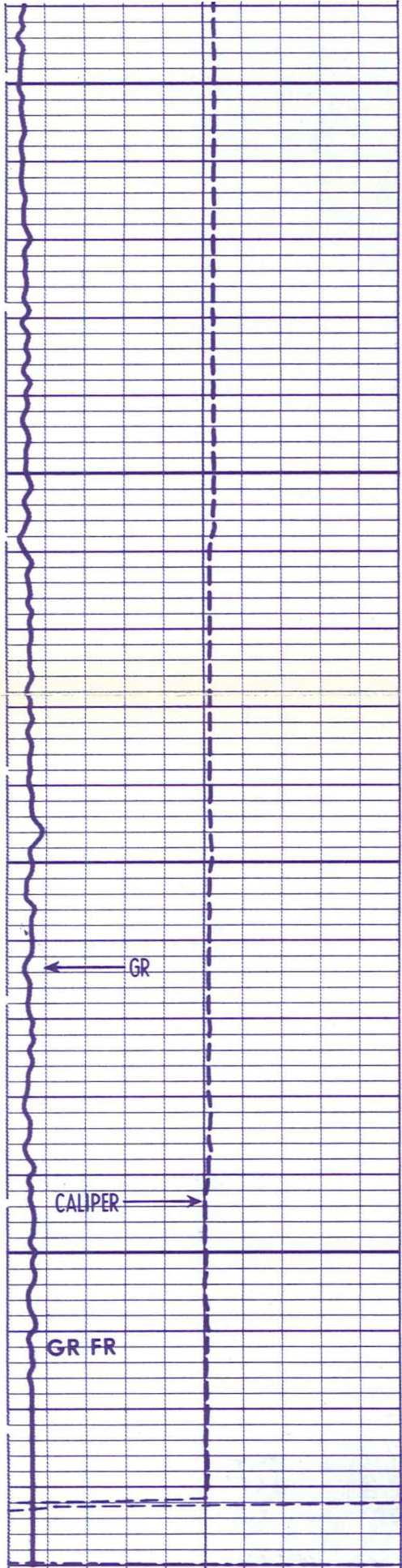
Run 2 after CEMENTING



100



0740342



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CALI(IN)	
15.00	25.00
GR (GAPI)	
0.0	150.0

RHOB(G/C3)	
2.000	3.000

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CALI(IN)	
15.00	25.00
GR (GAPI)	
0.0	150.0

RHOB(G/C3)	
2.000	3.000

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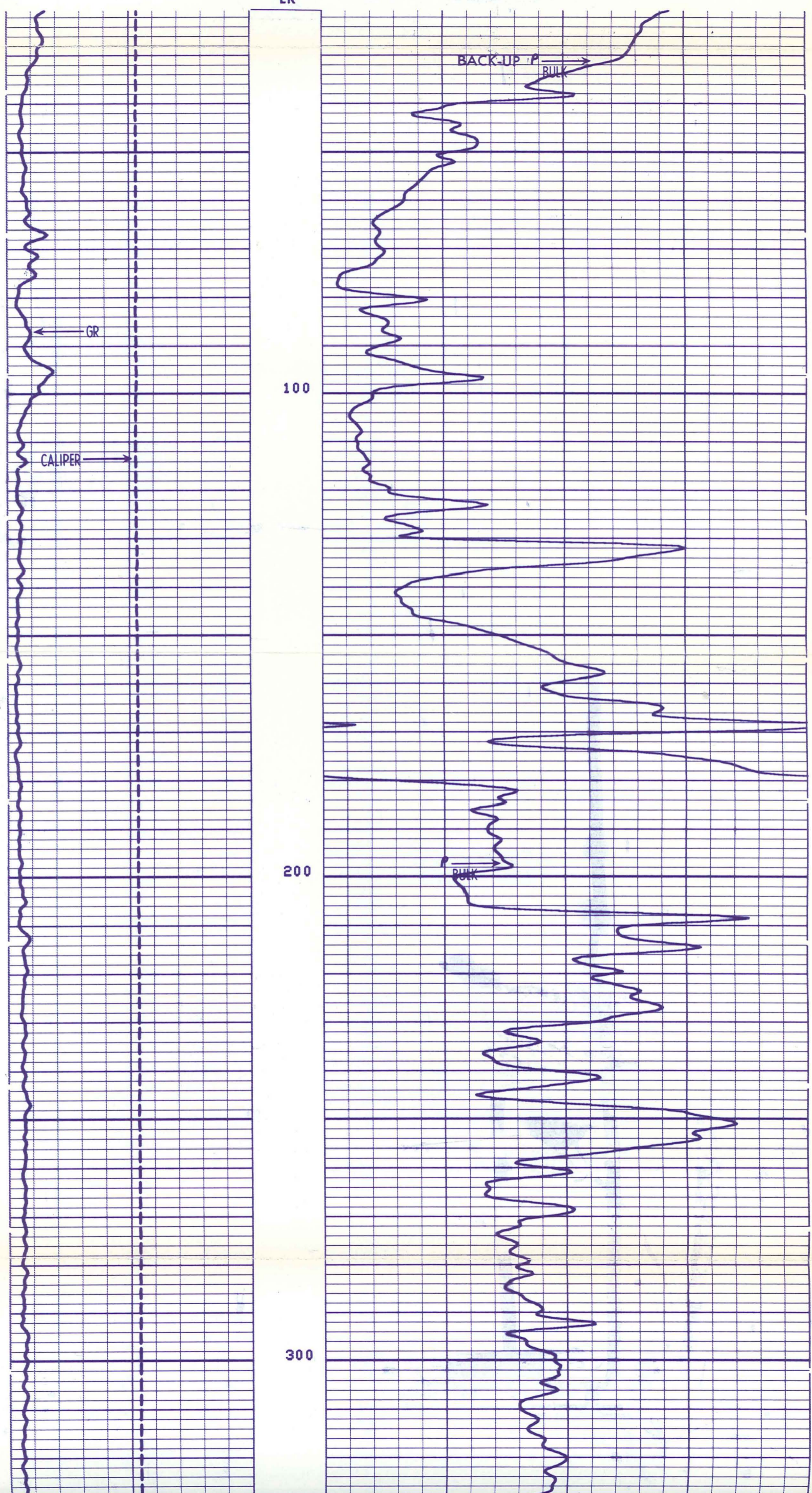
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Run 1 after CEMENTING

LR

62-10-9

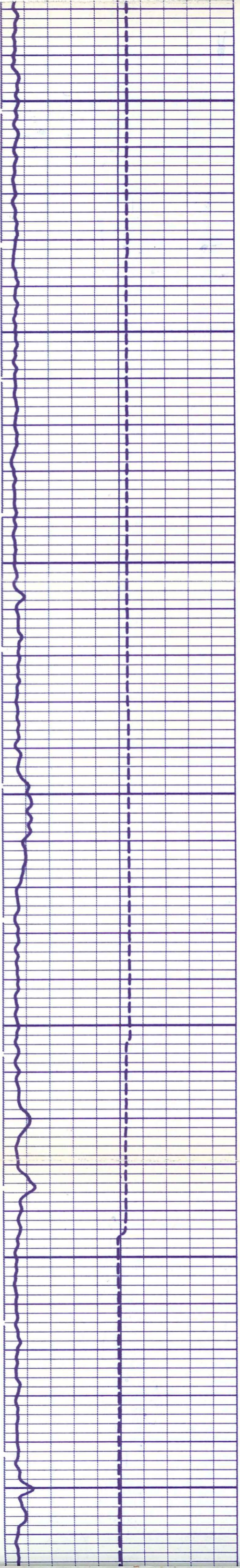
Run 1 after CEMENTING



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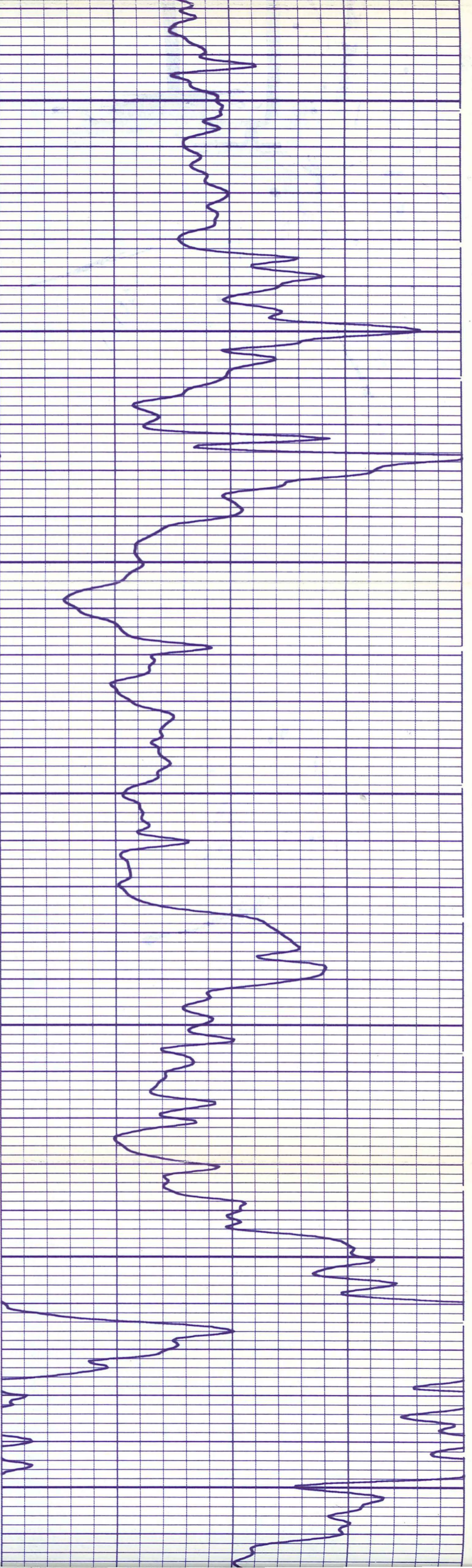


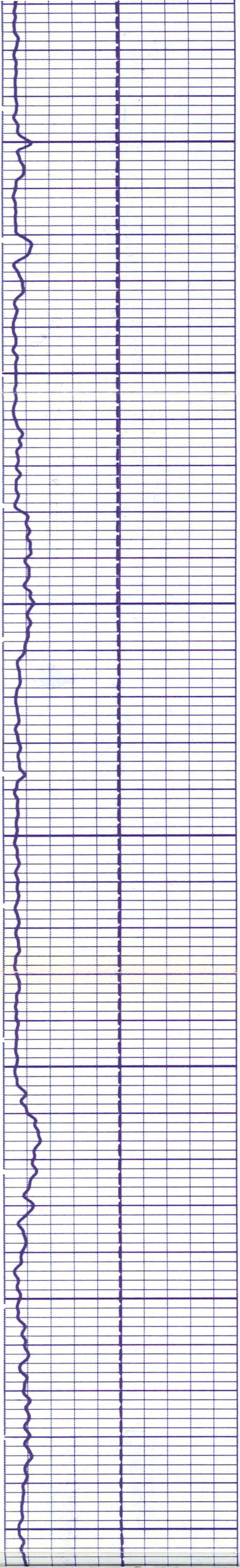
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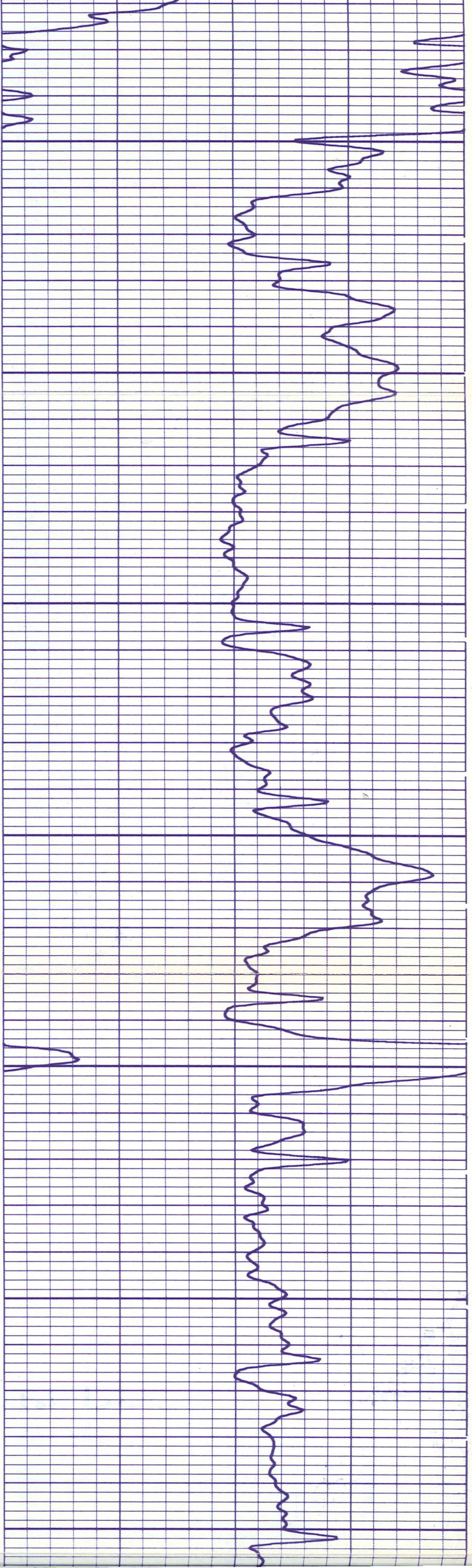
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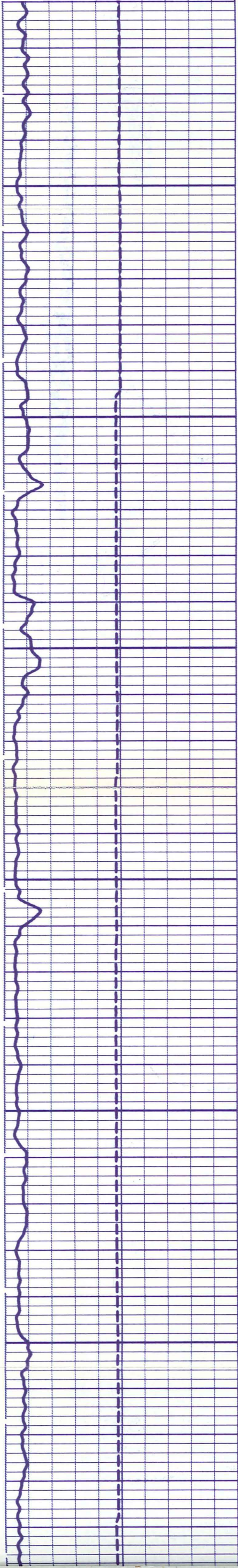
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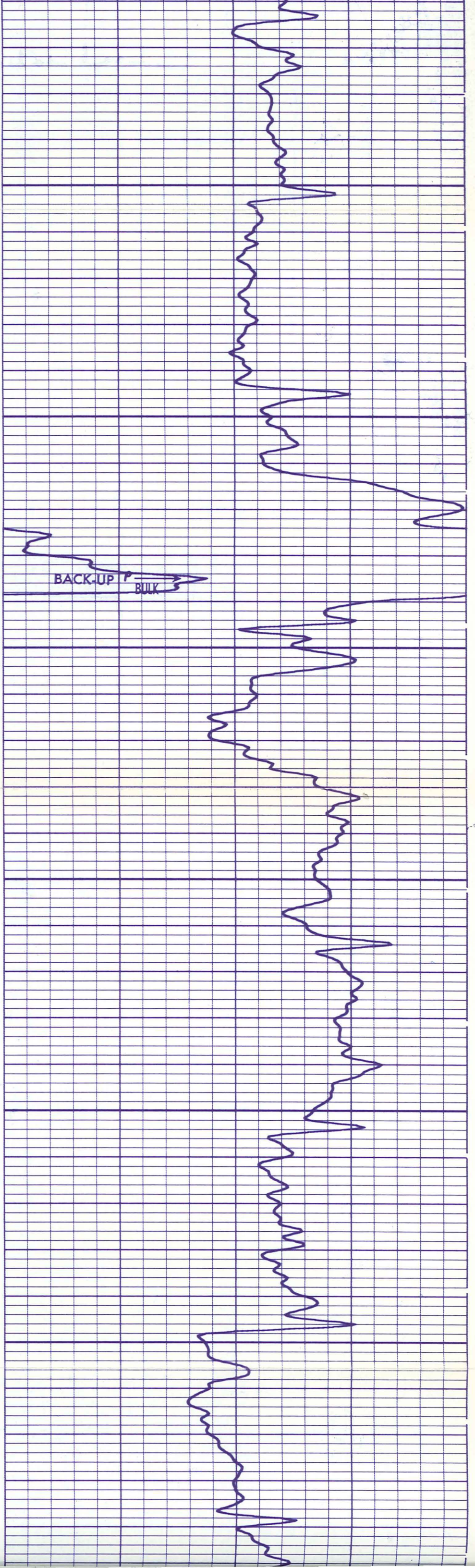
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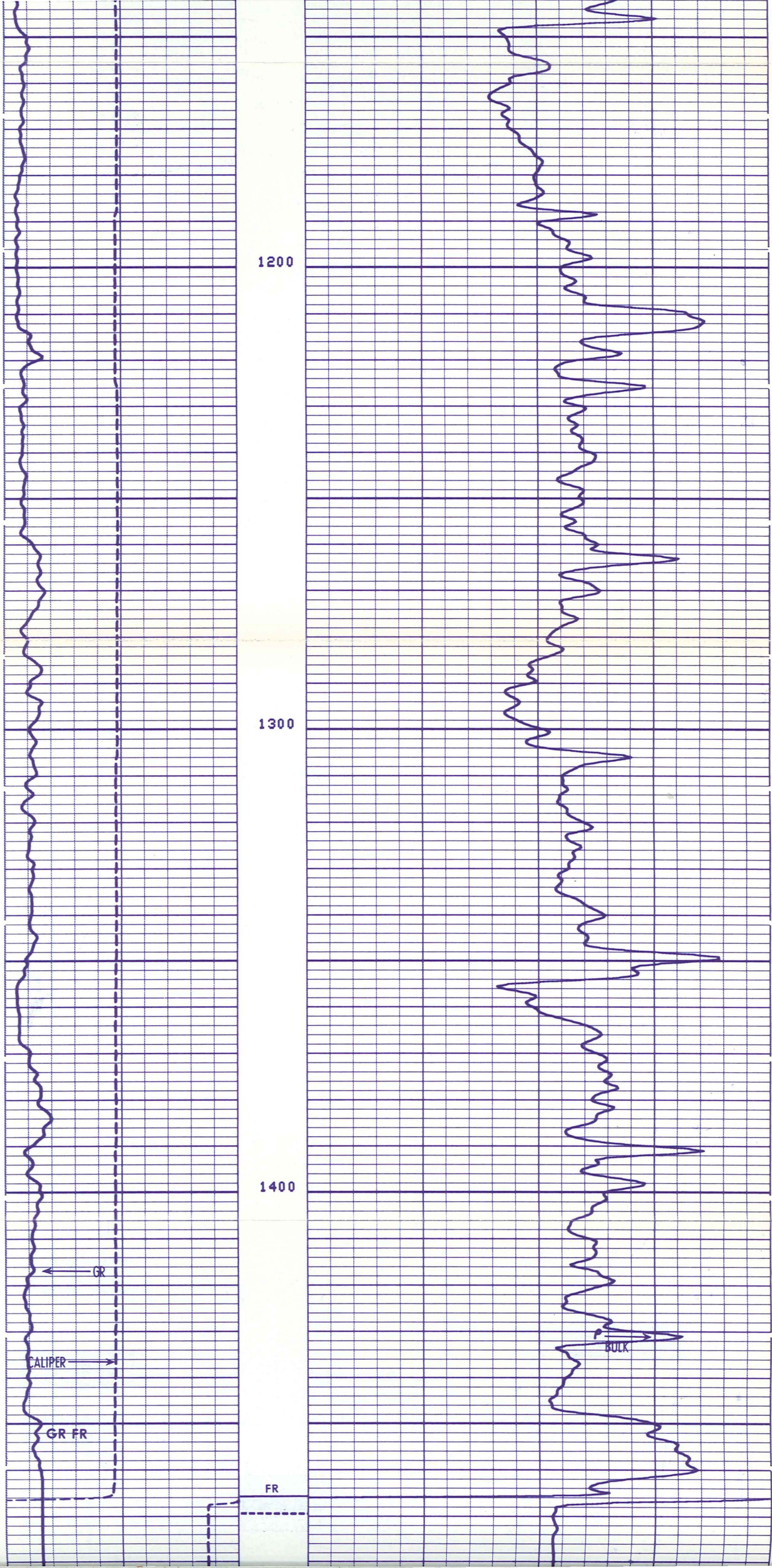
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GR FR

FR

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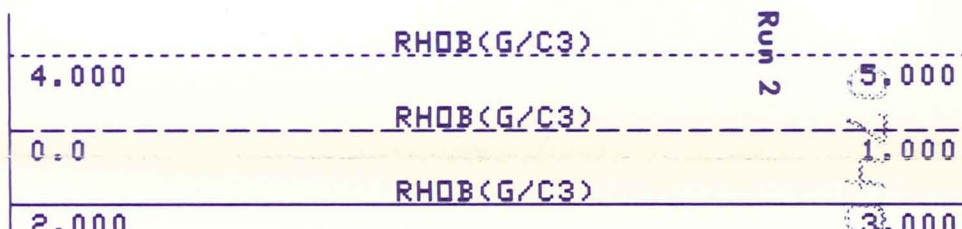
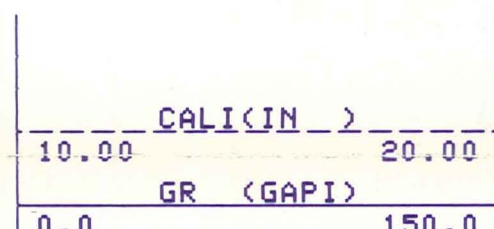


Run 1

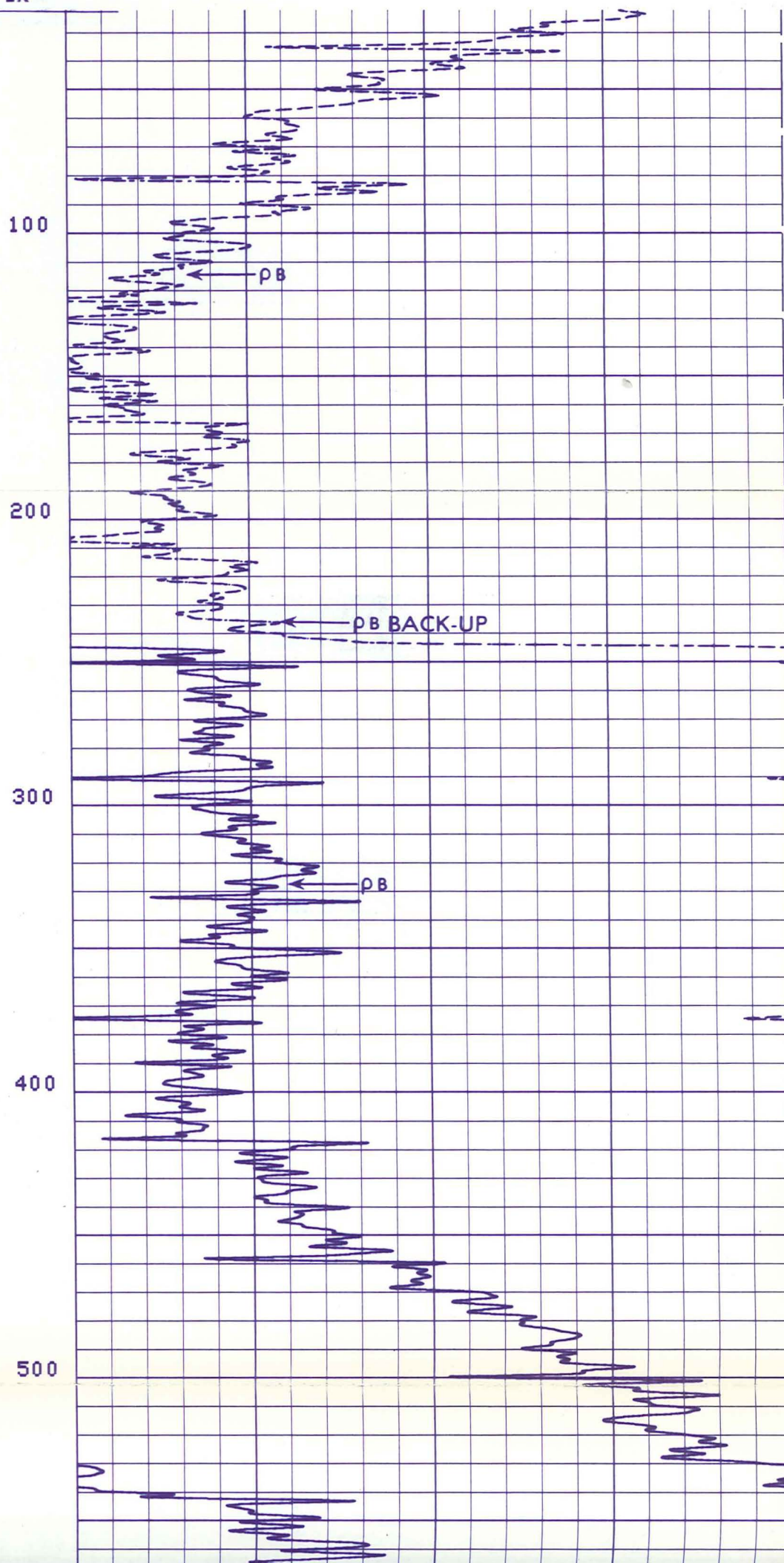
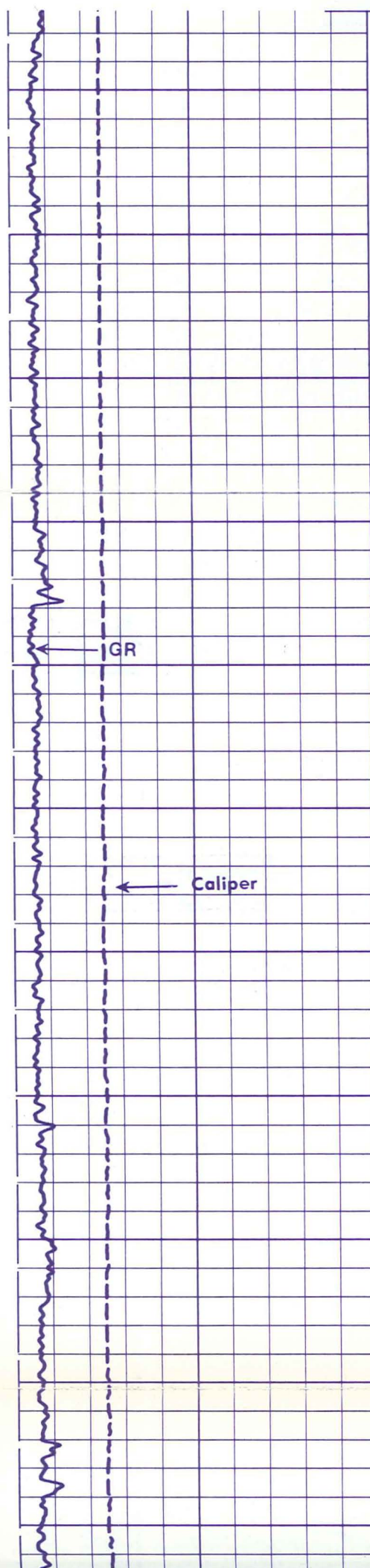
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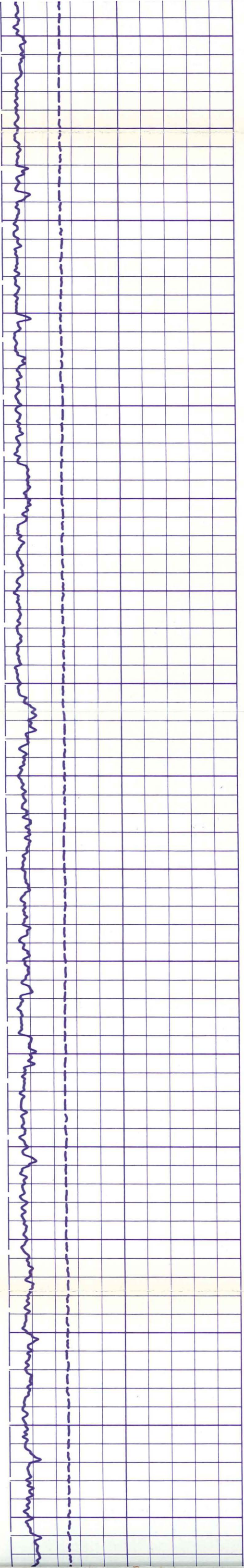
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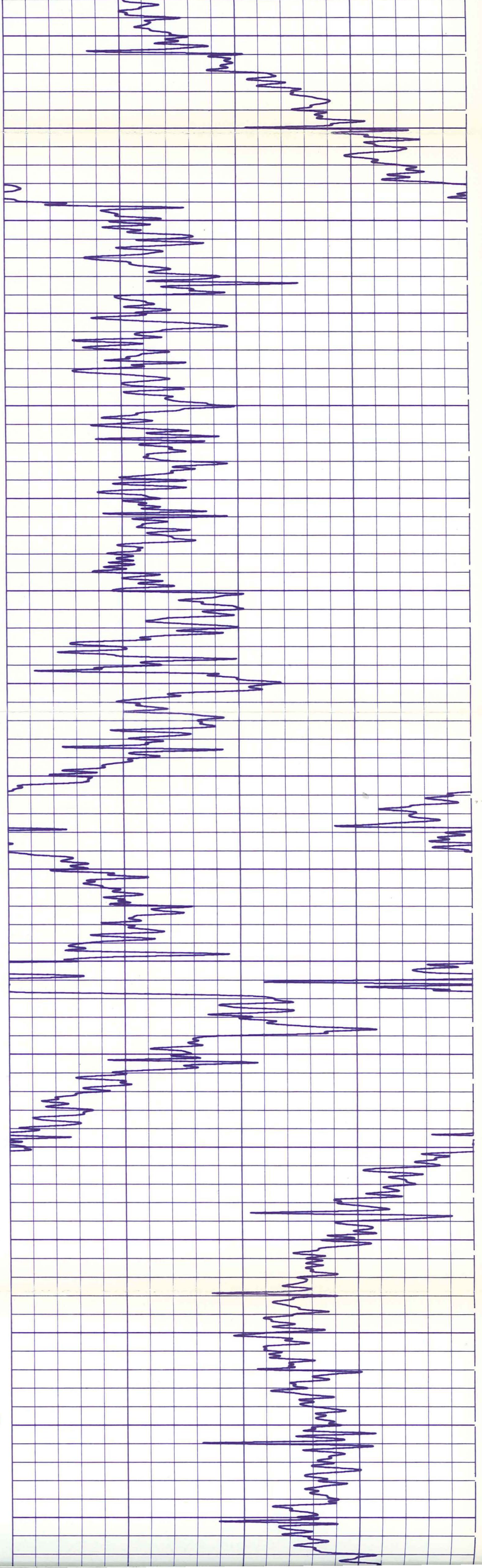


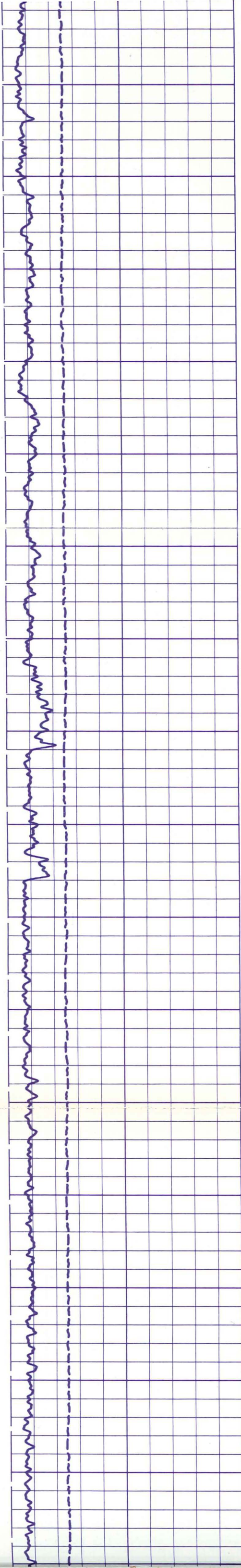
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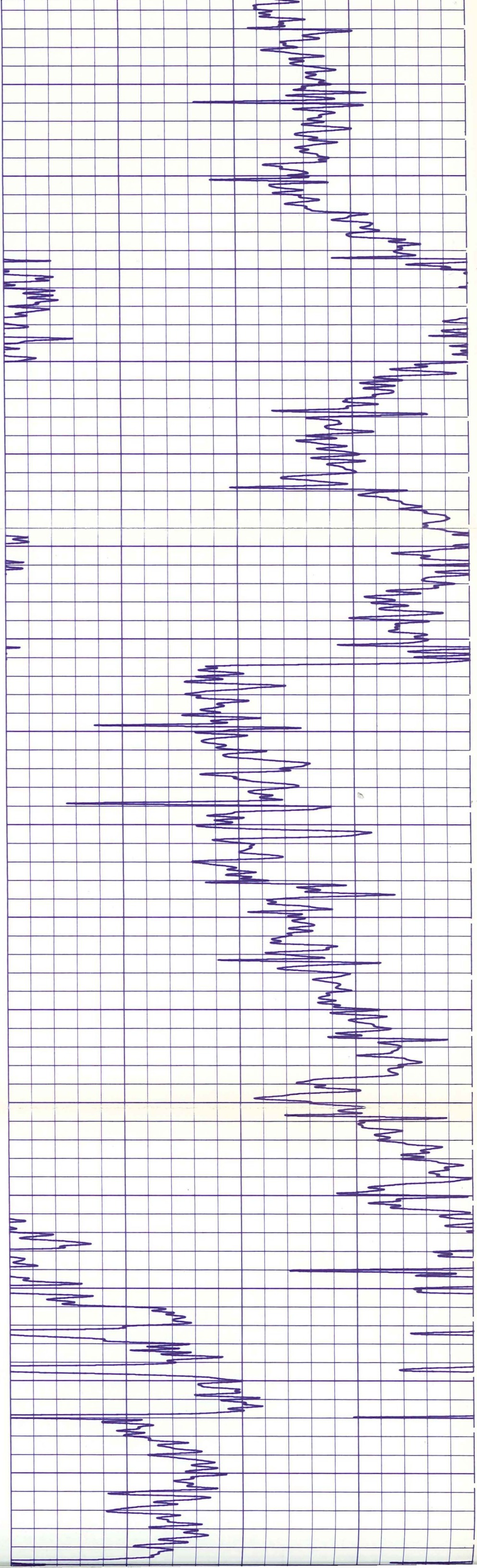
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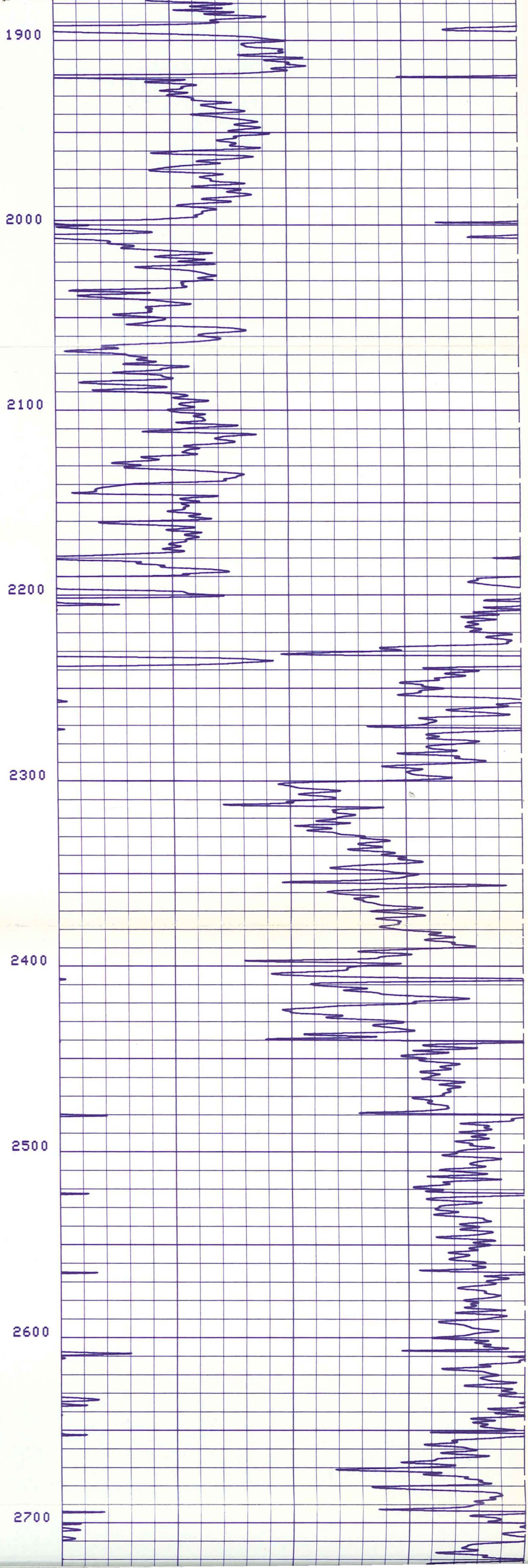
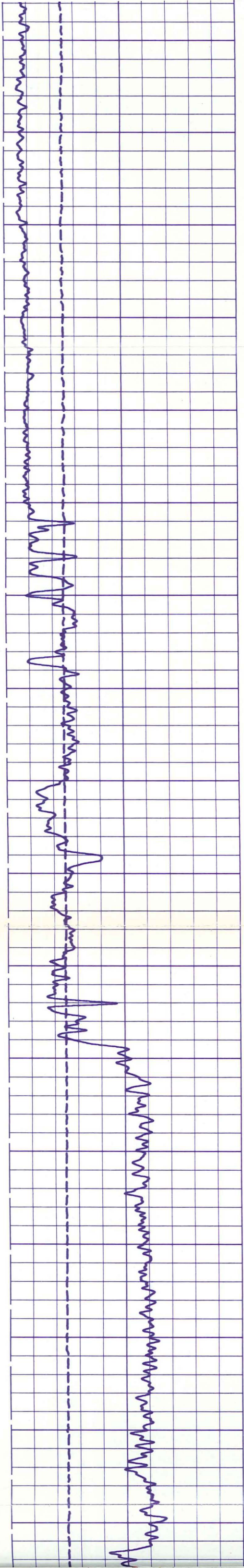
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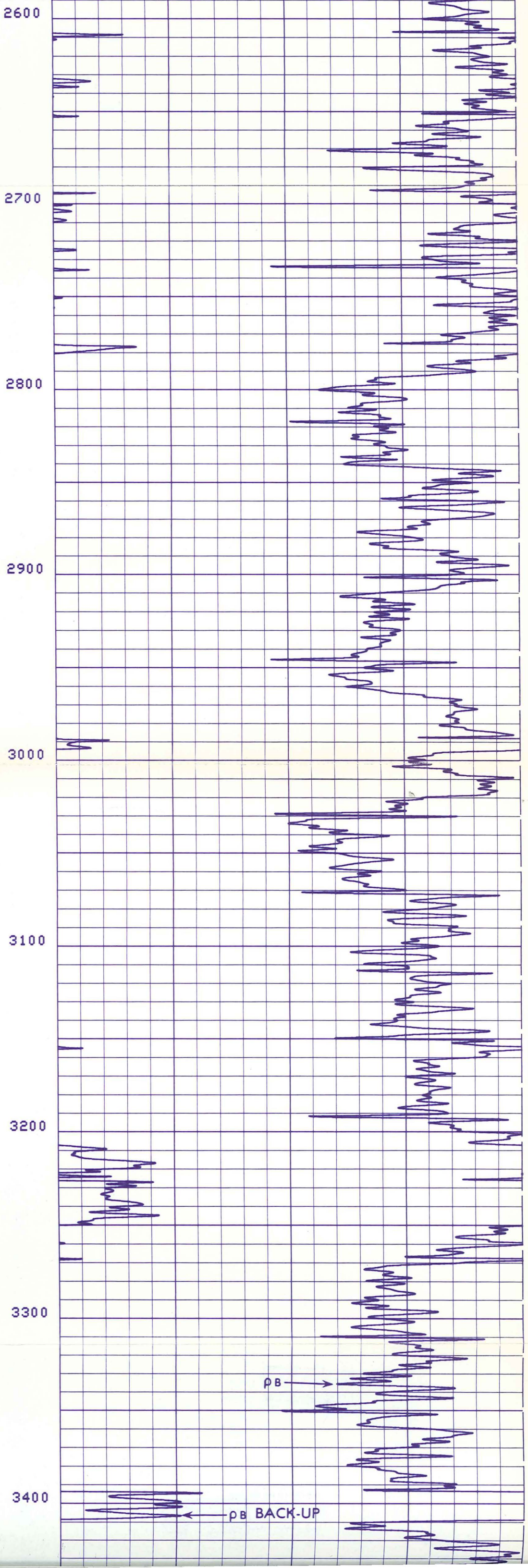
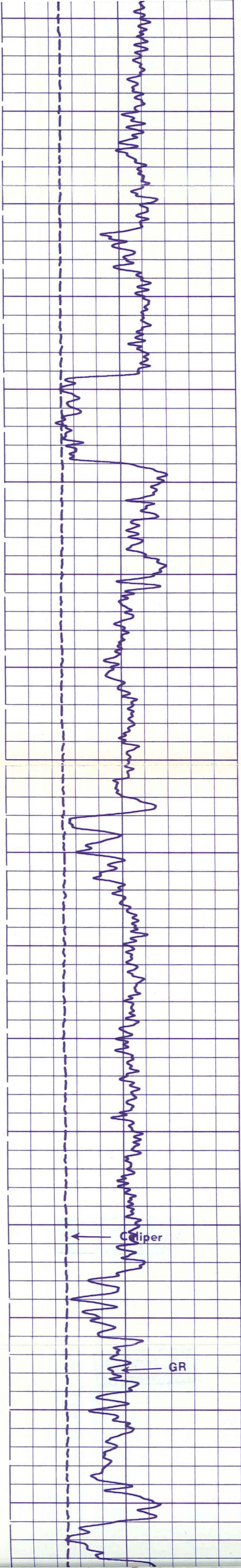
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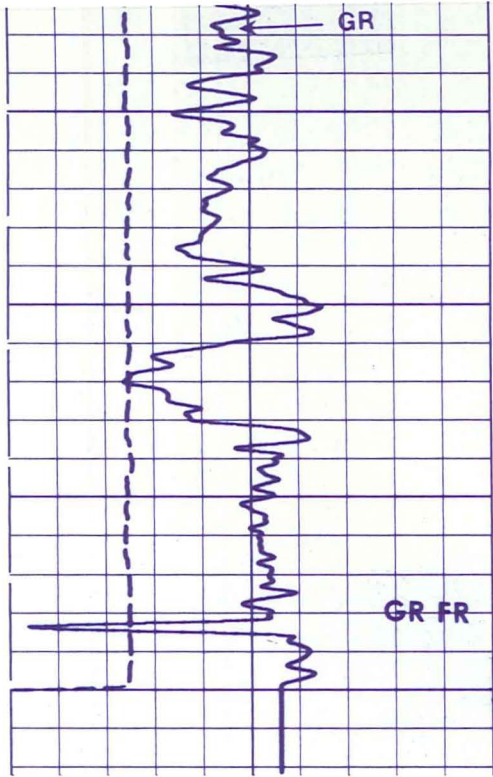
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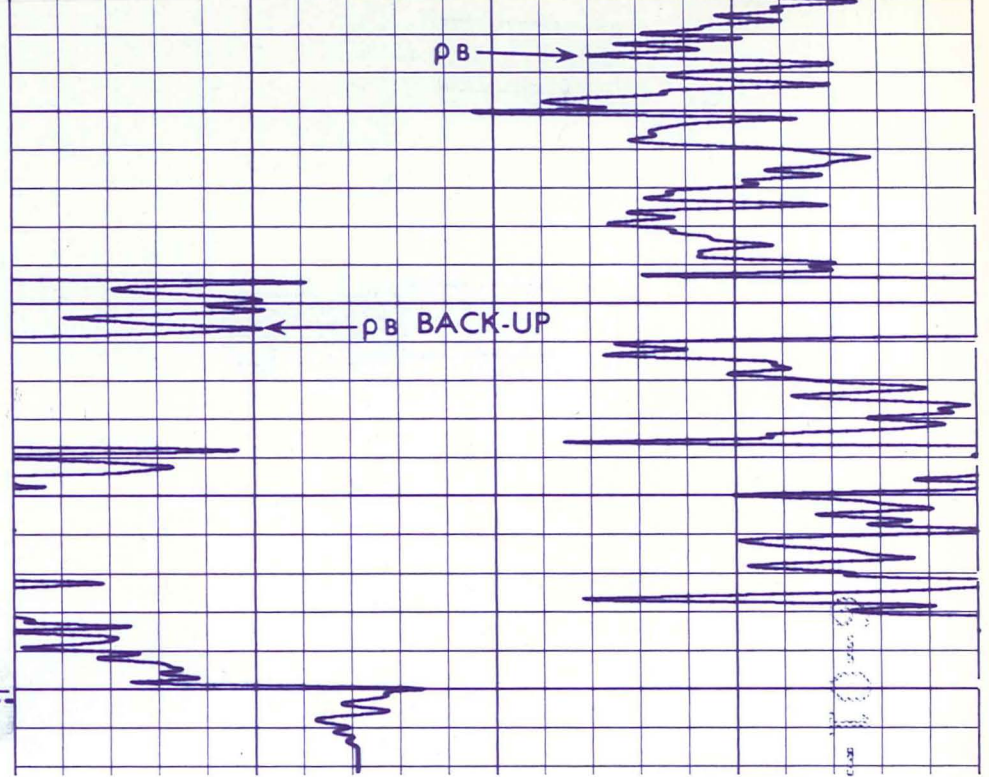




3400

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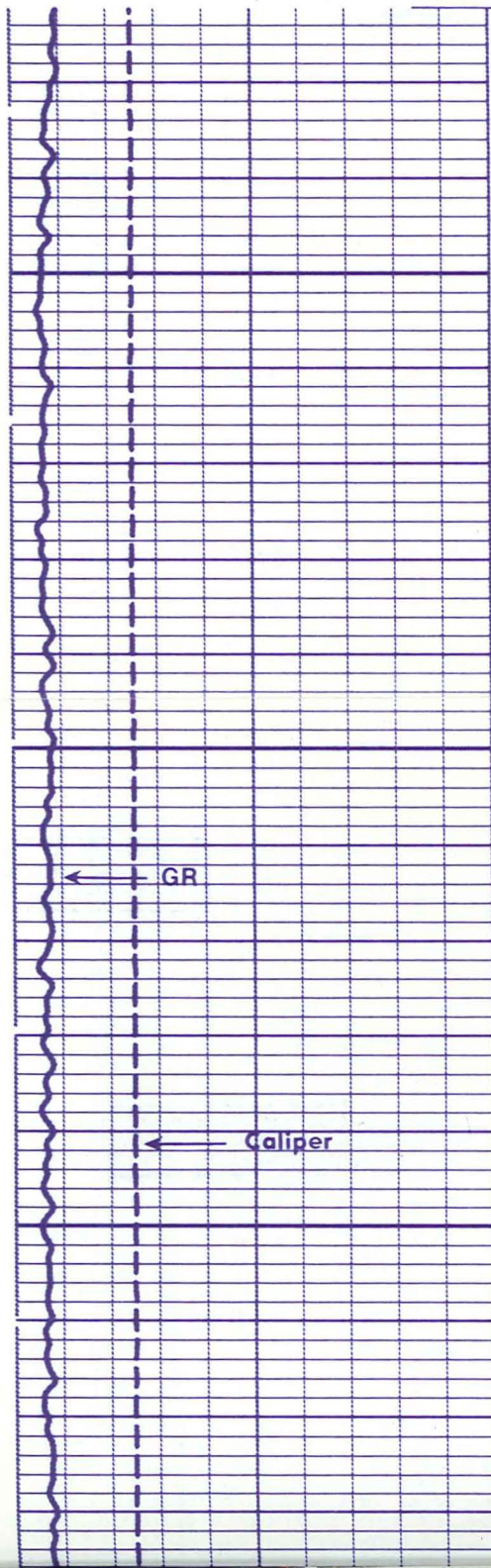
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10.00	20.00
GR (GAPI)	
0.0	150.0

RHOB (G/C3)	
4.000	5.000
RHOB (G/C3)	
0.0	1.000
RHOB (G/C3)	
2.000	3.000

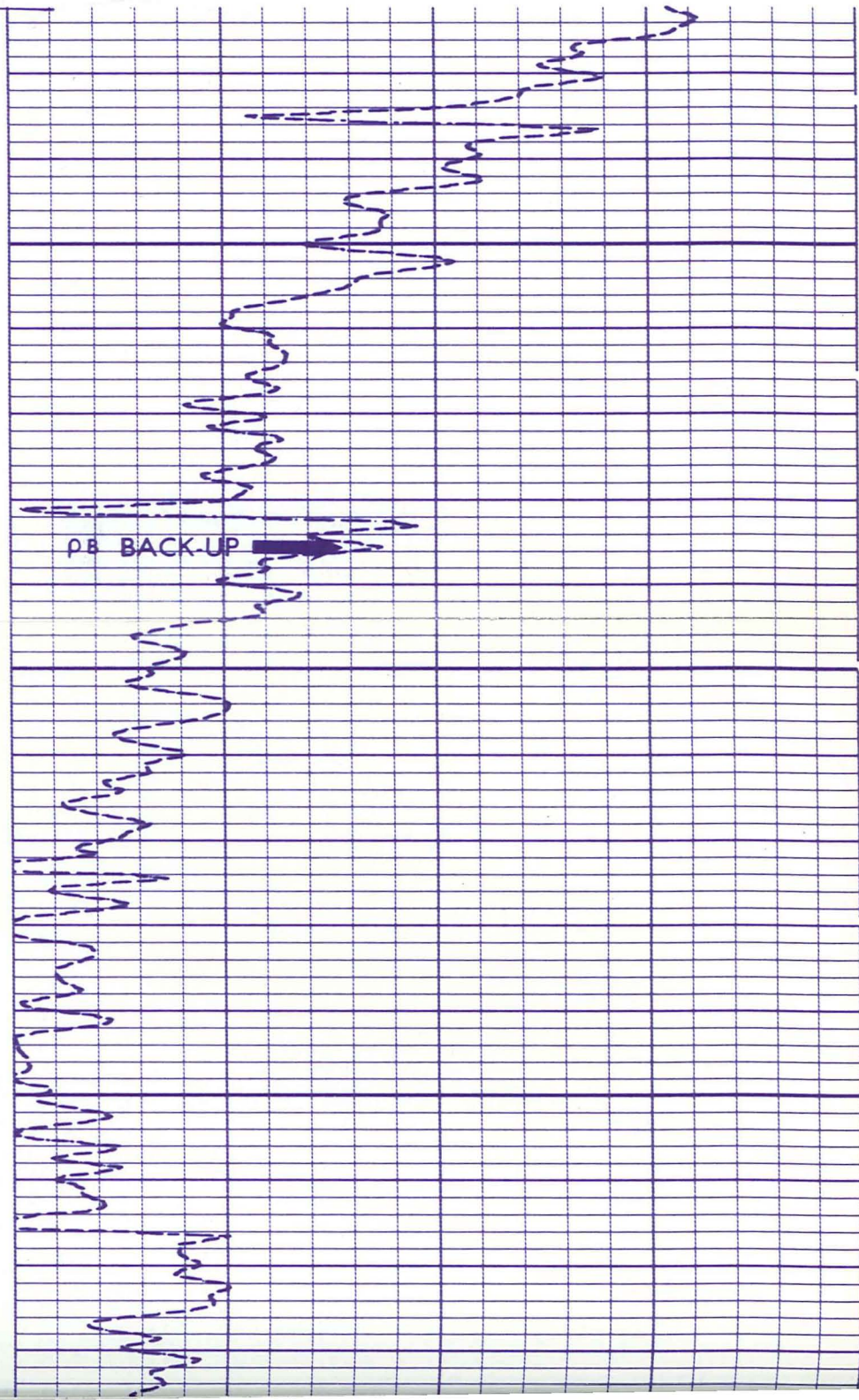
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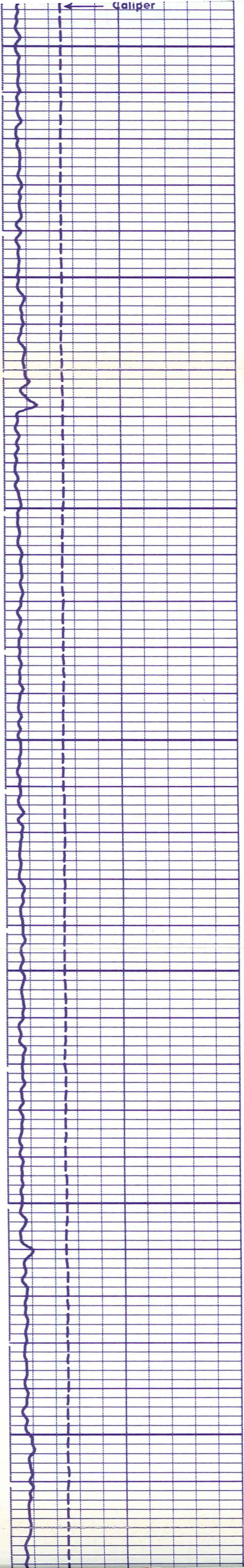


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6-01-79

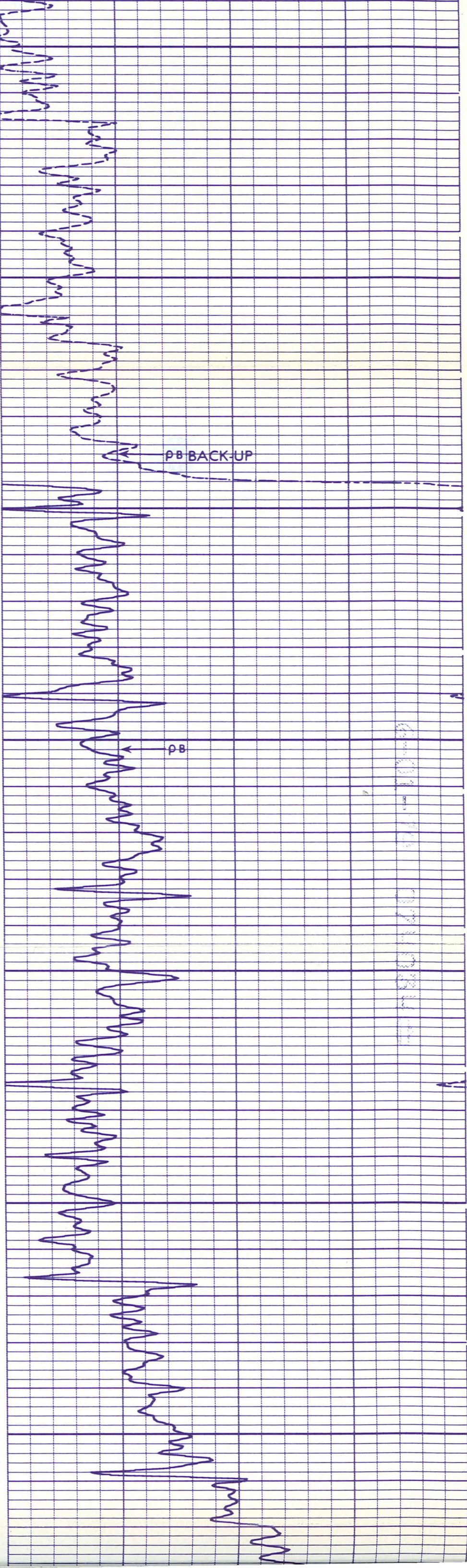
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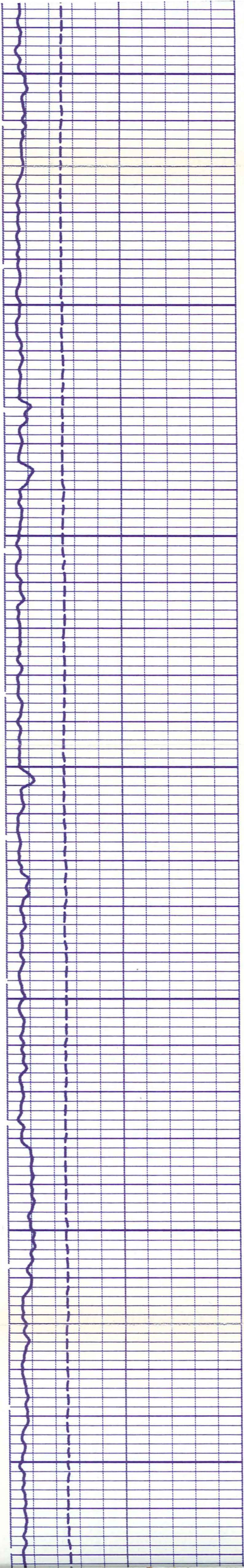
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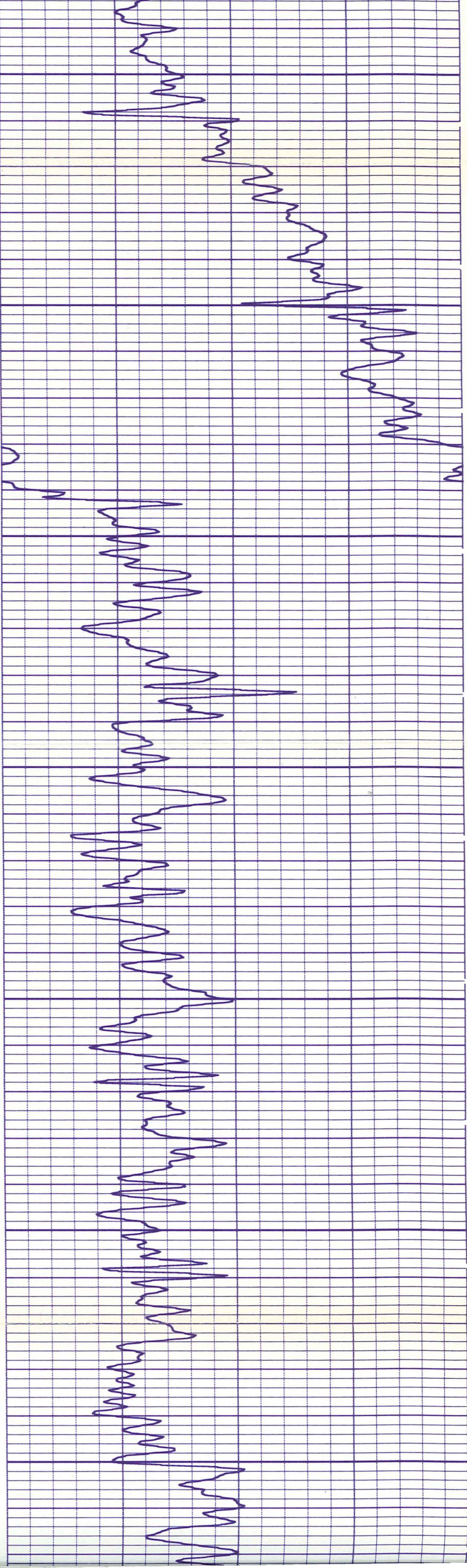
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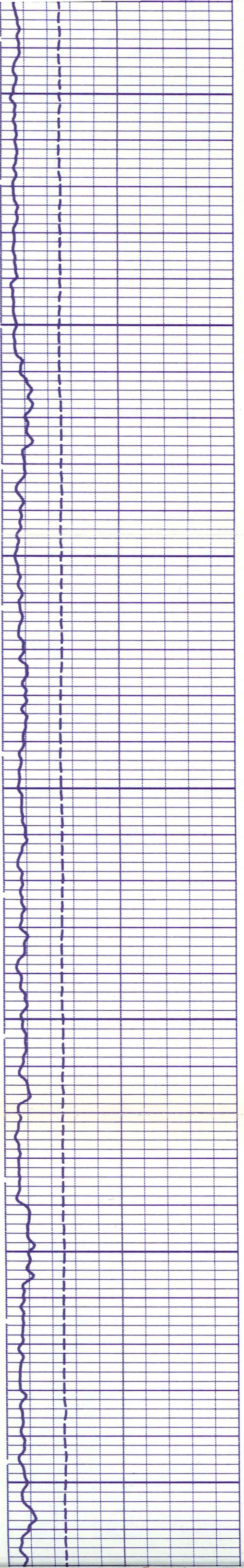


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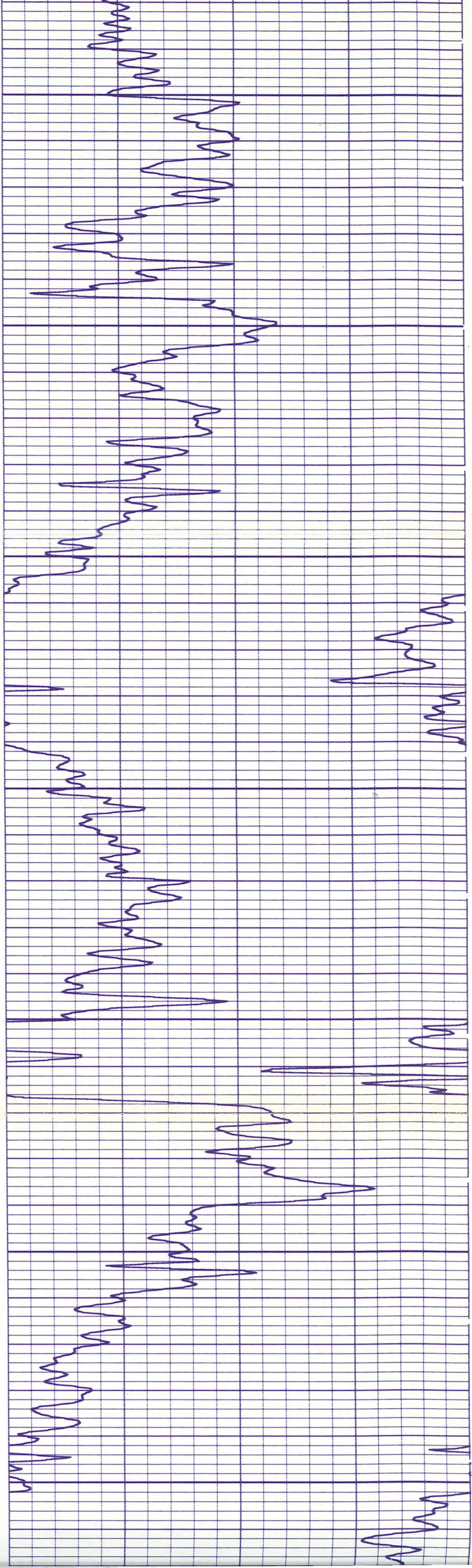
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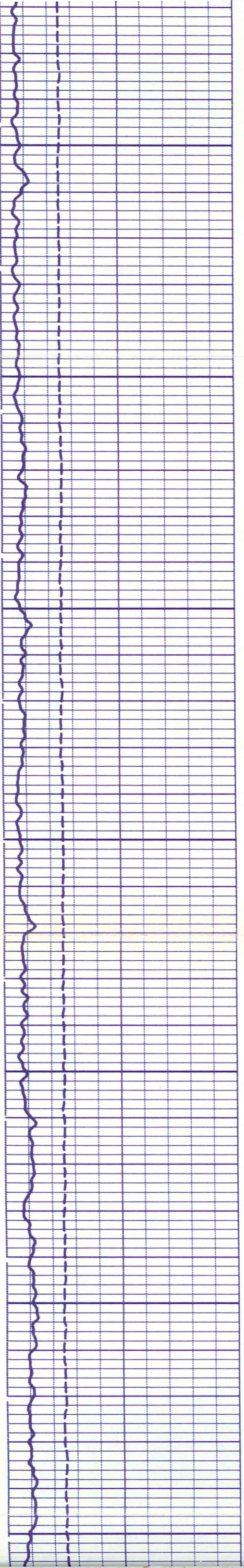


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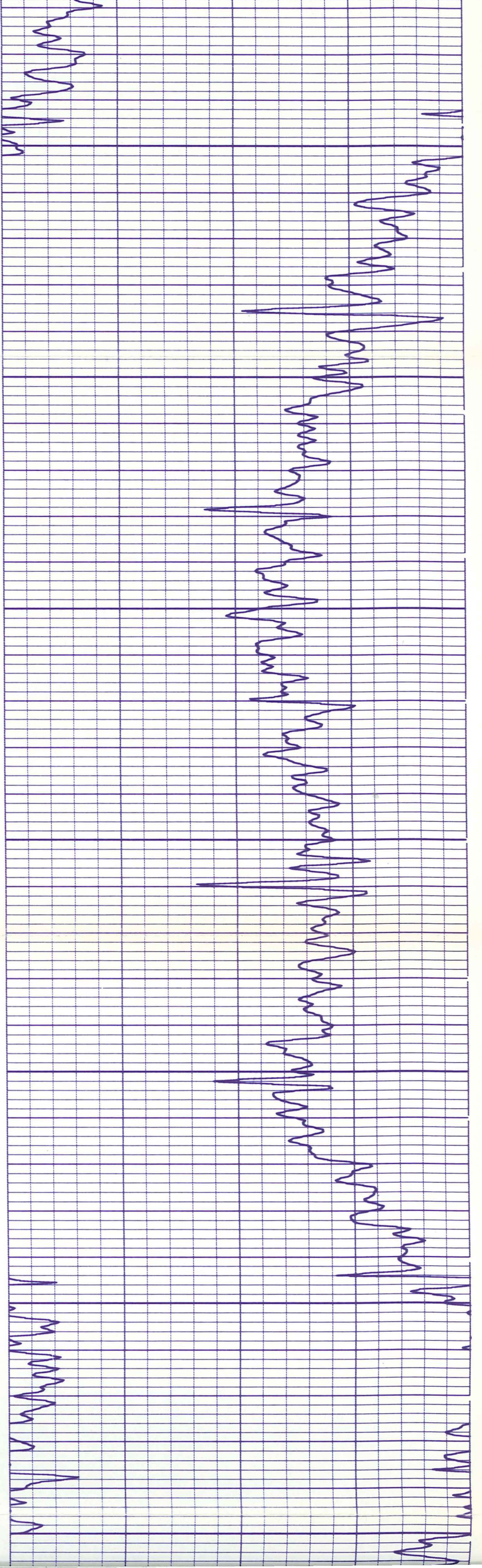
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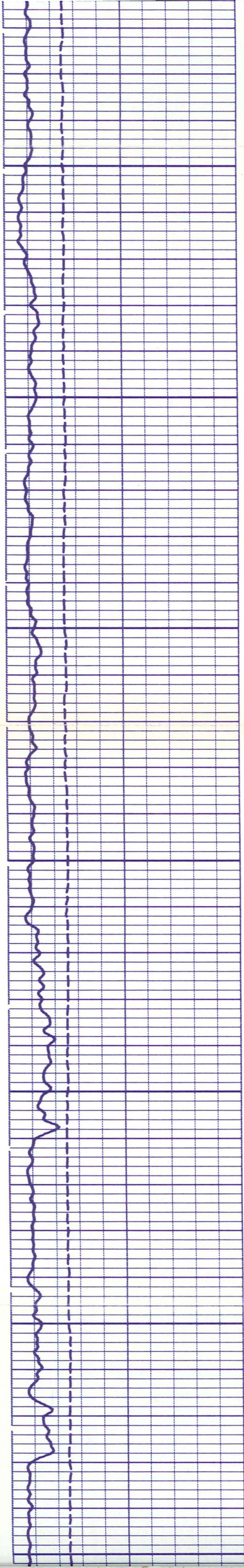


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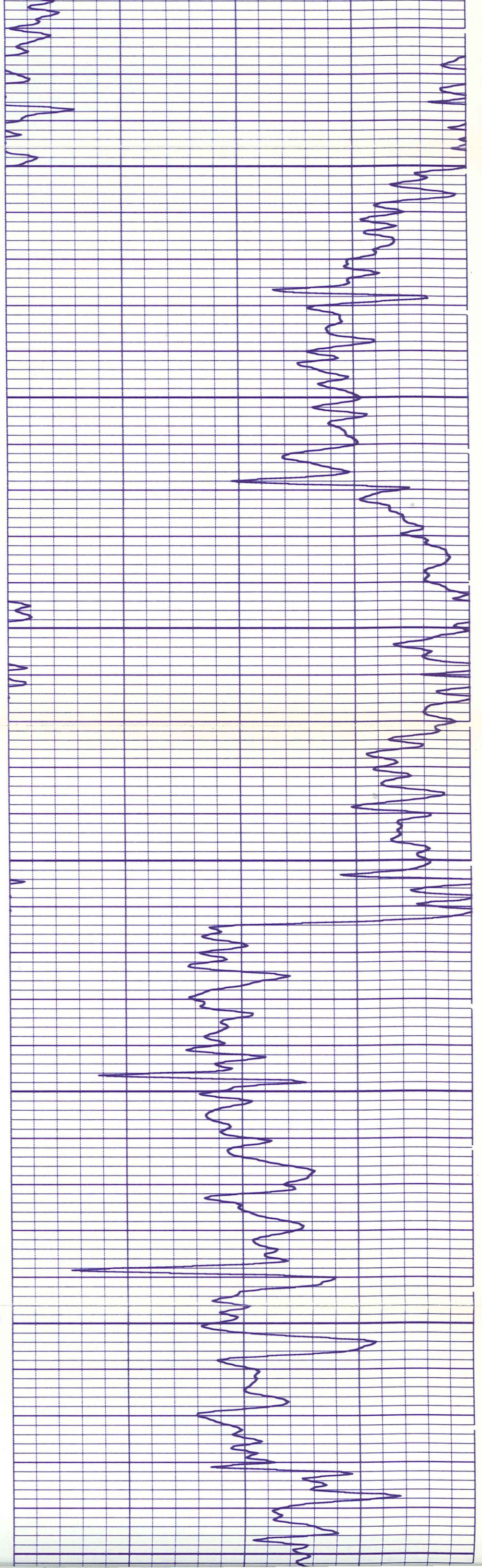


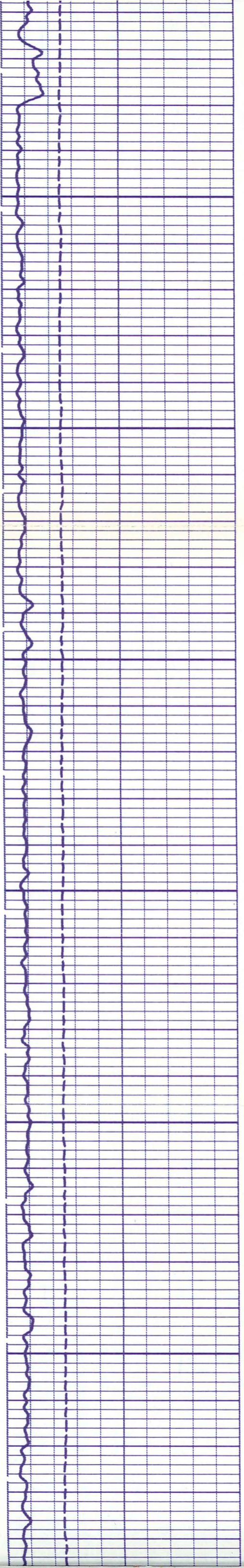


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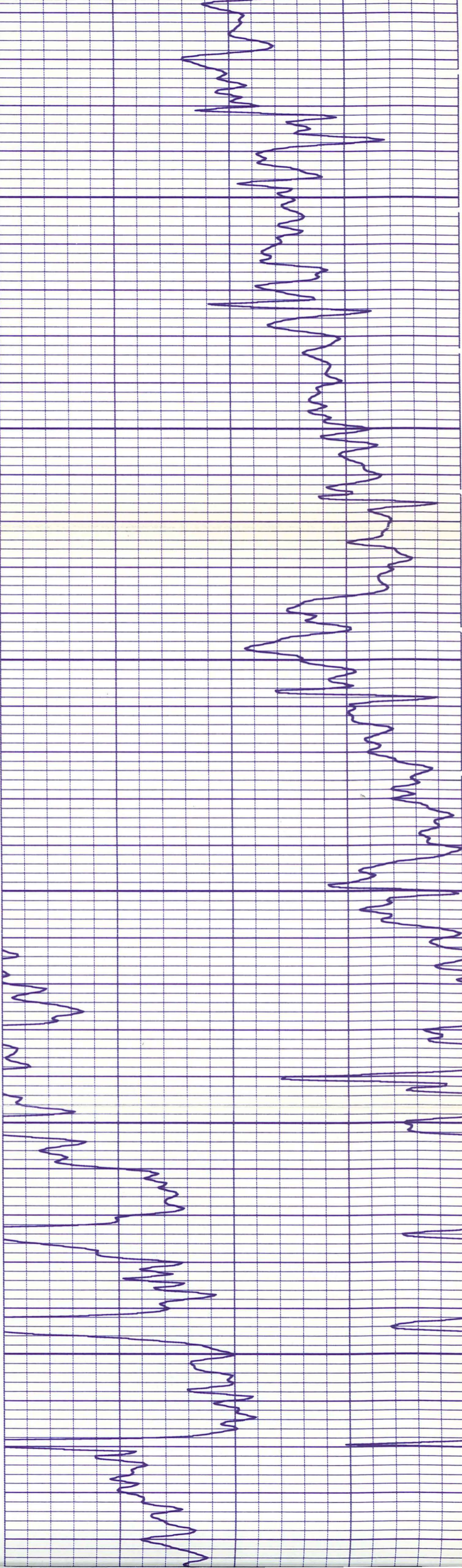


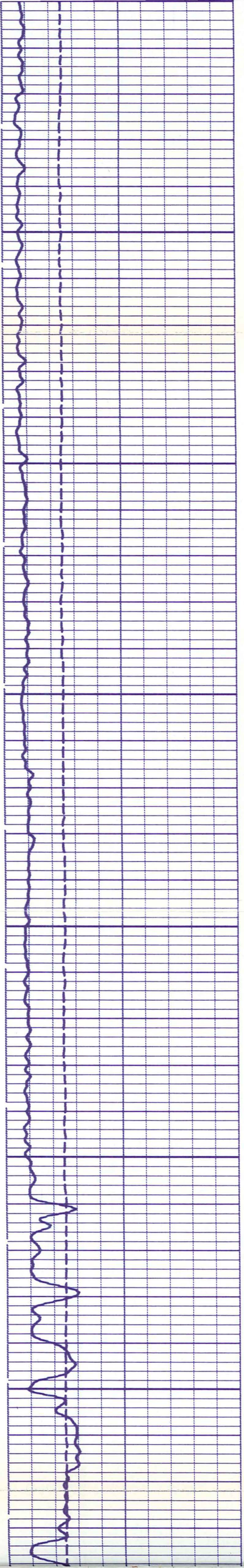


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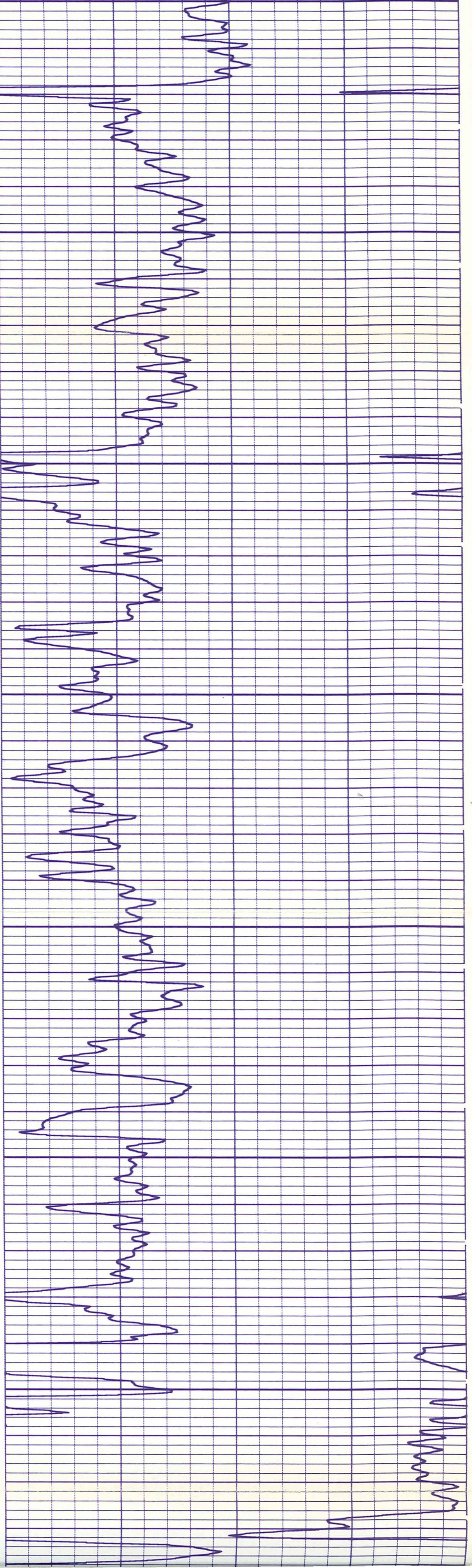


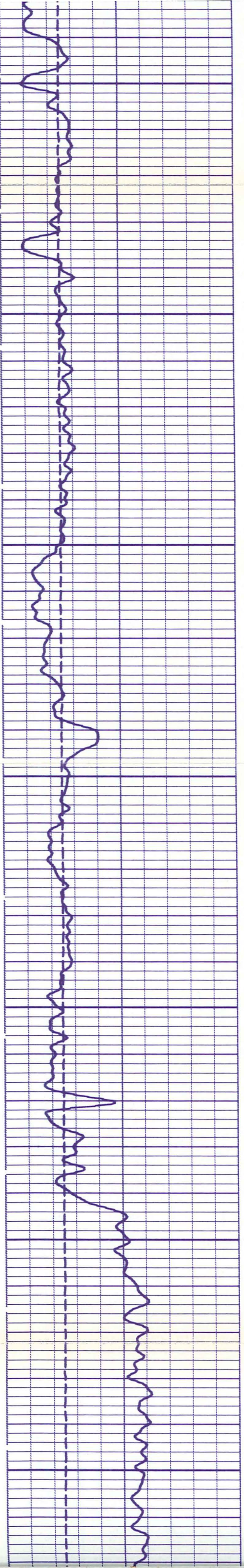


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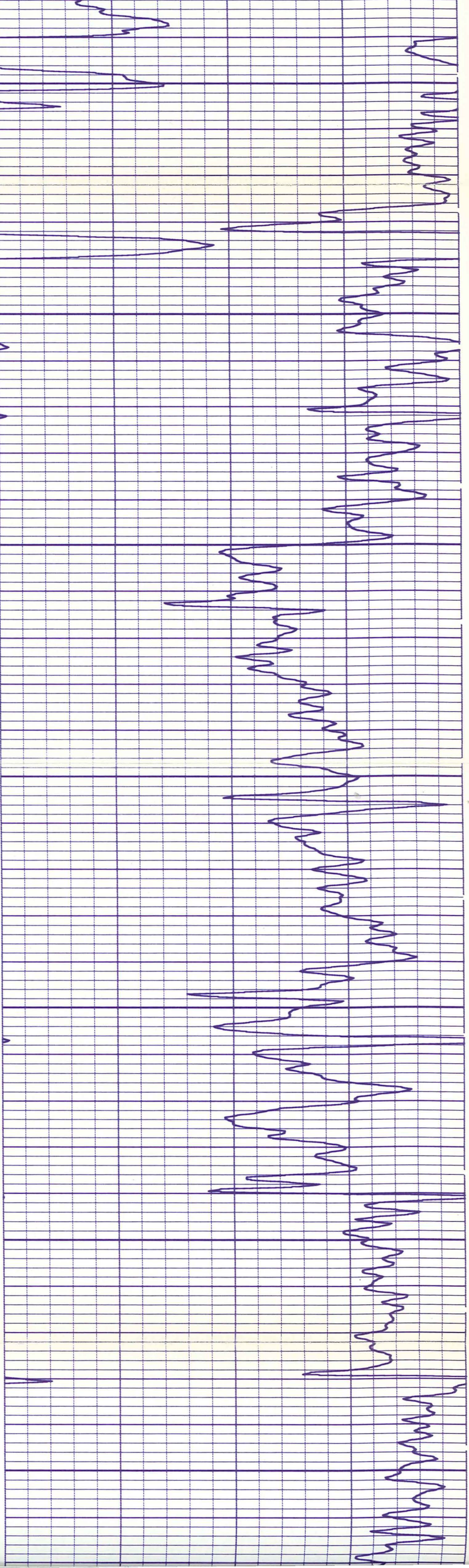
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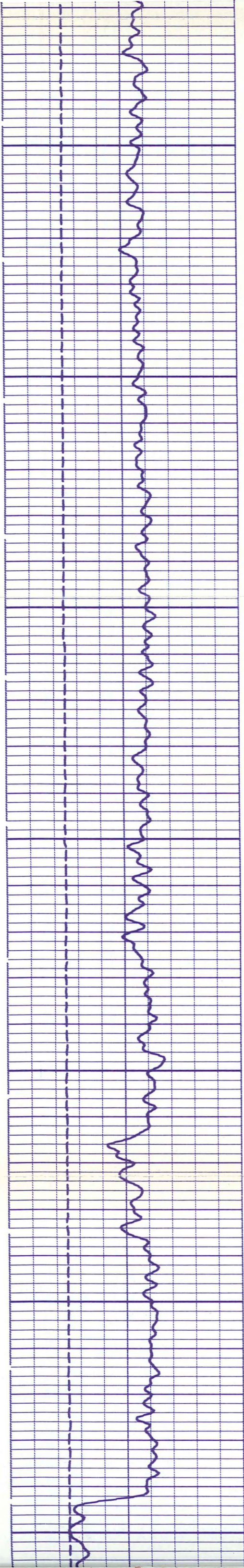
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2300

2400

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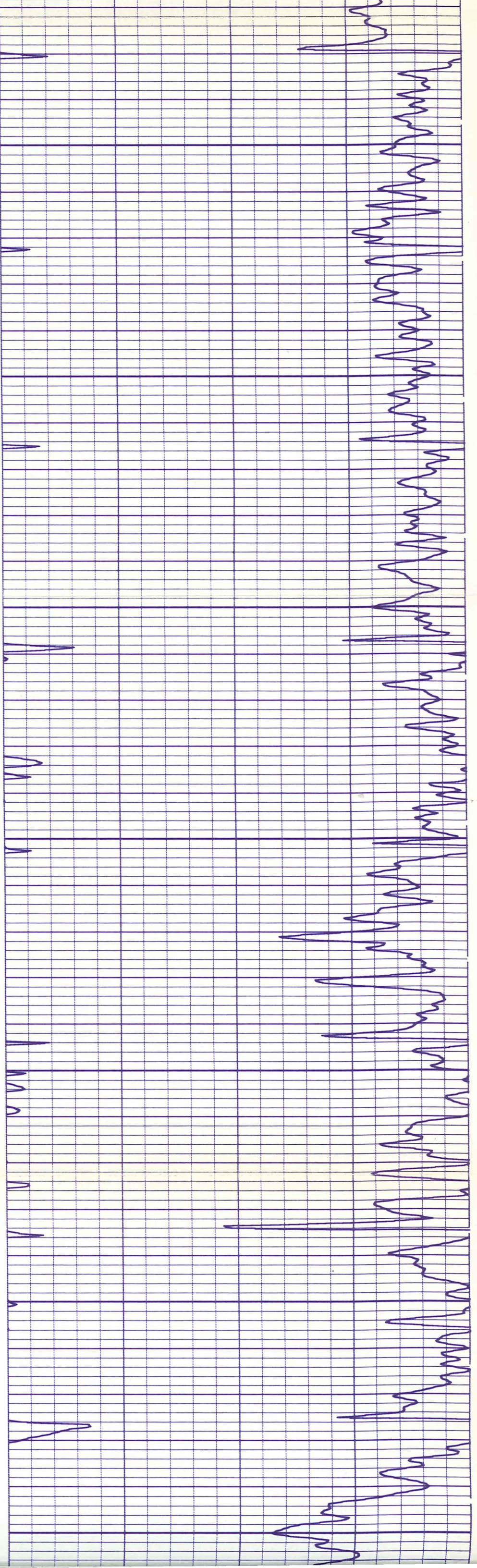


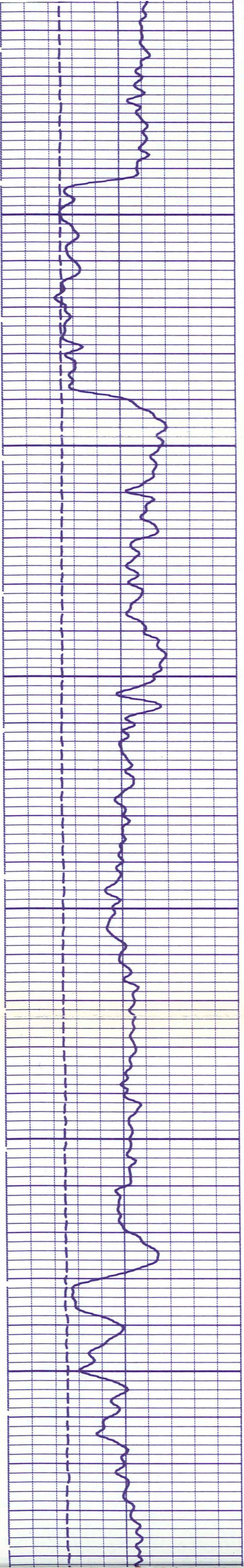
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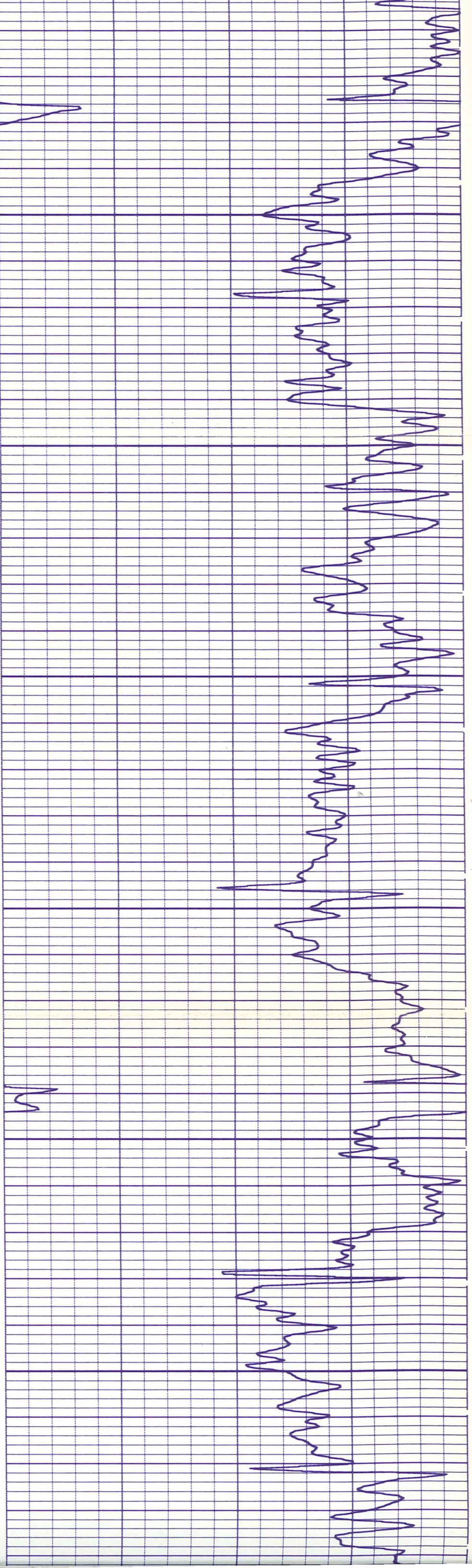


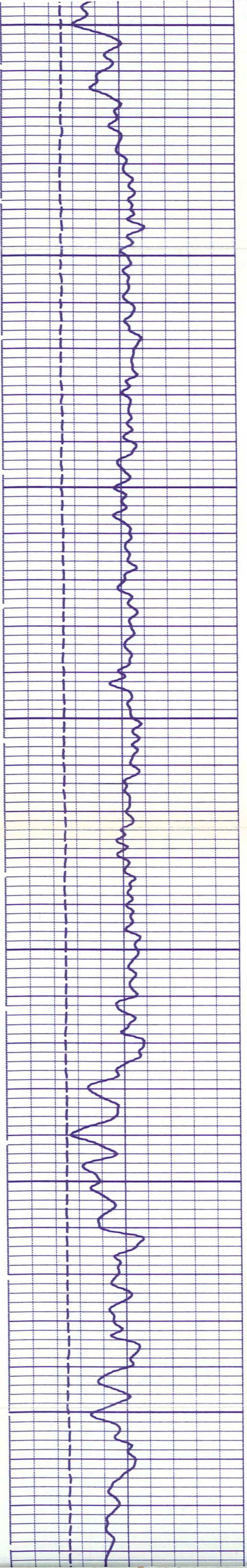


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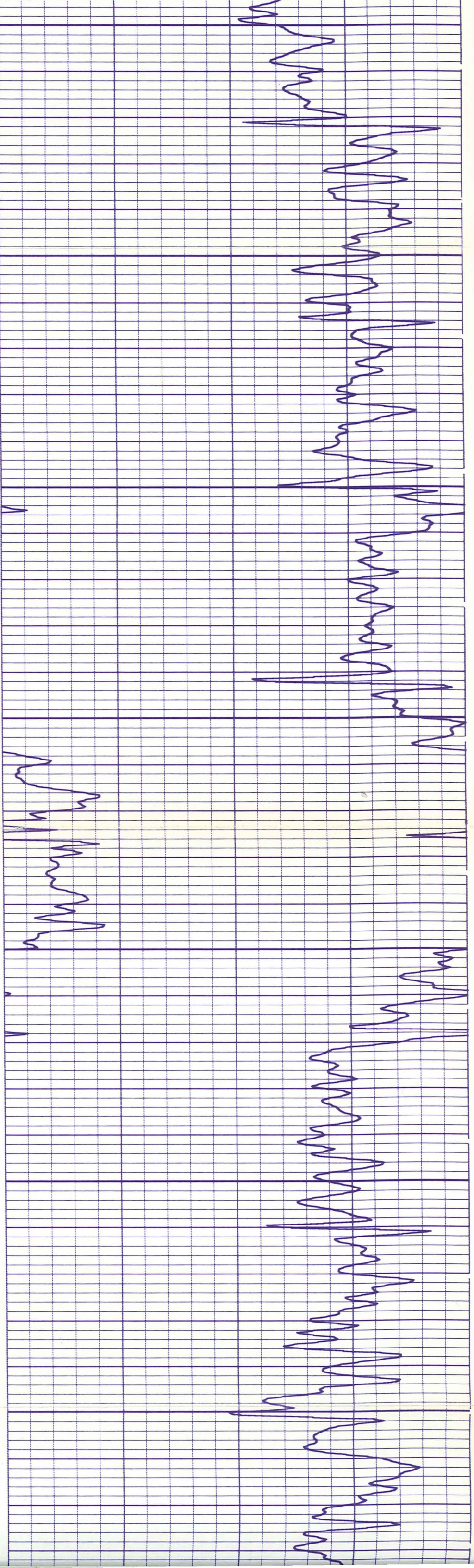
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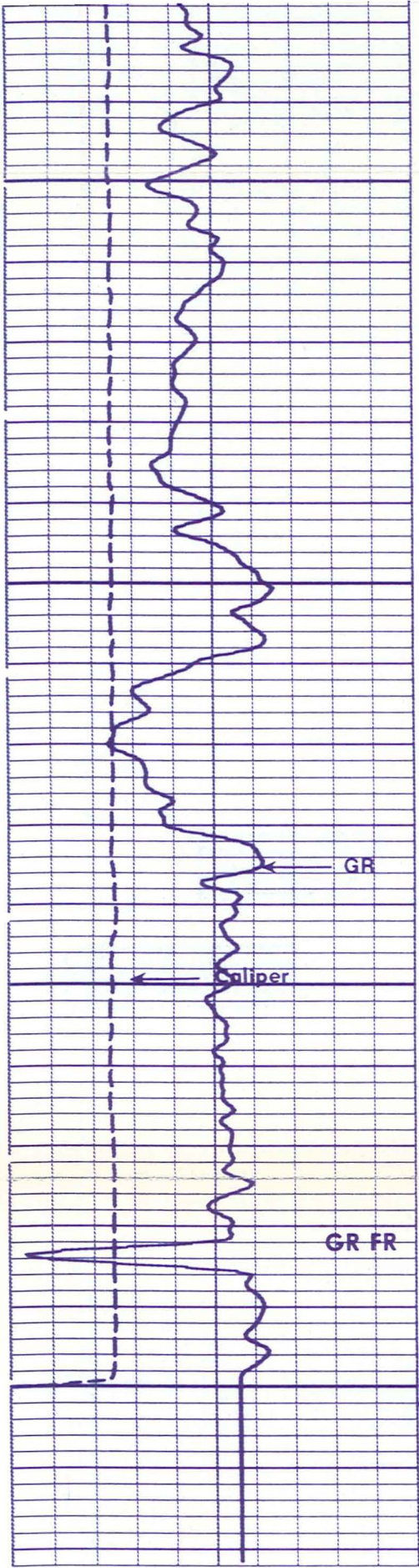


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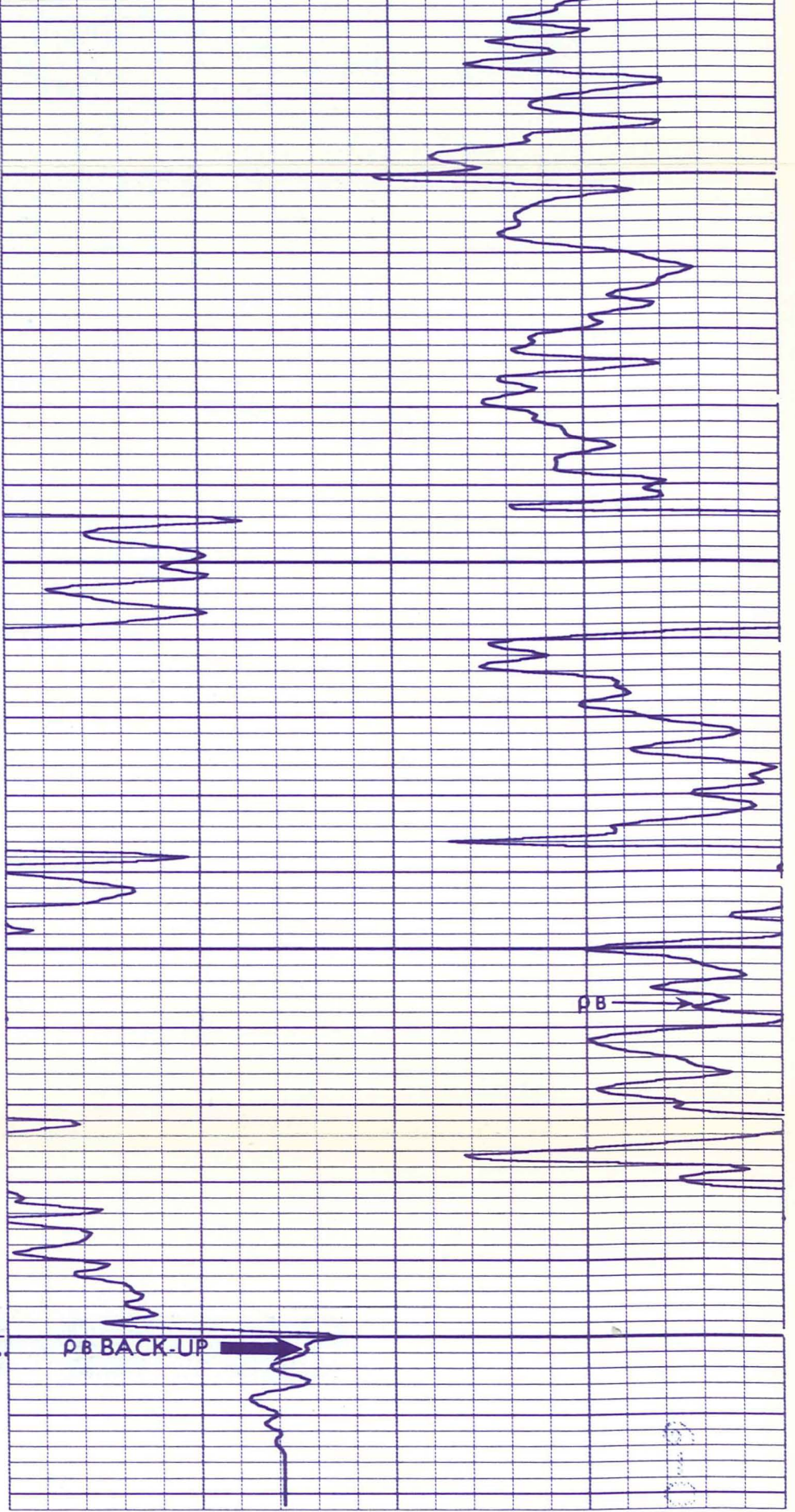
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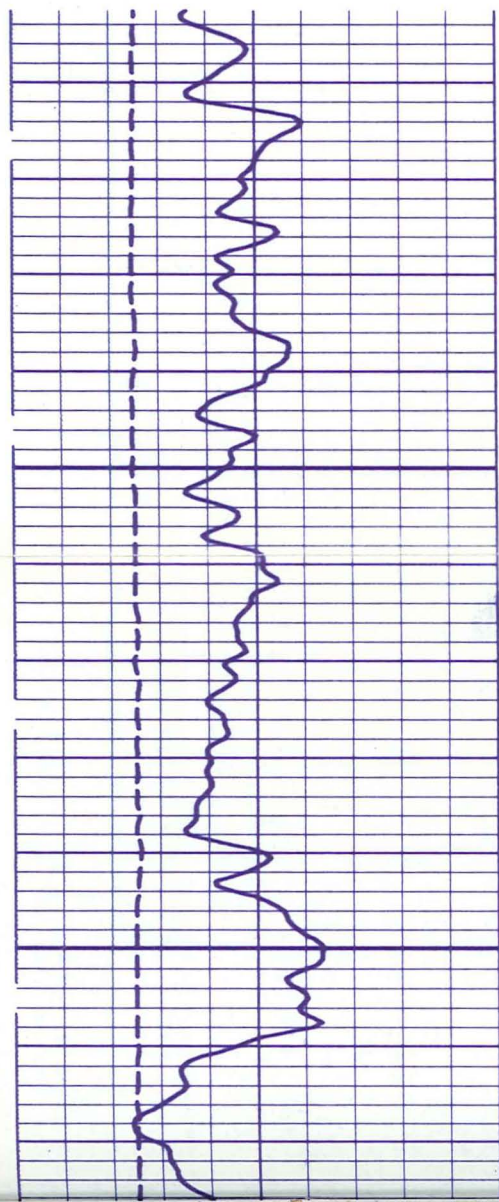
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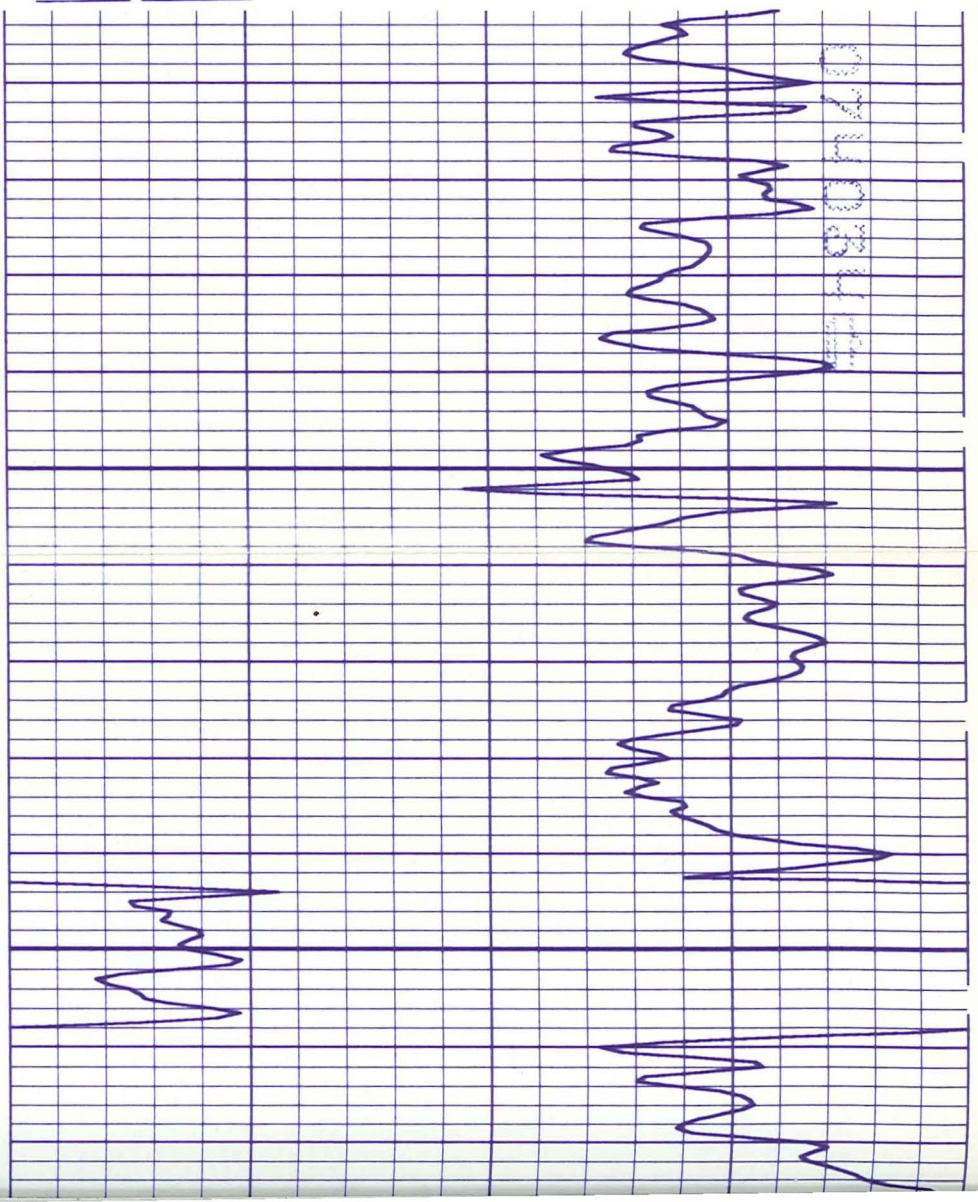
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REPEAT SECTION

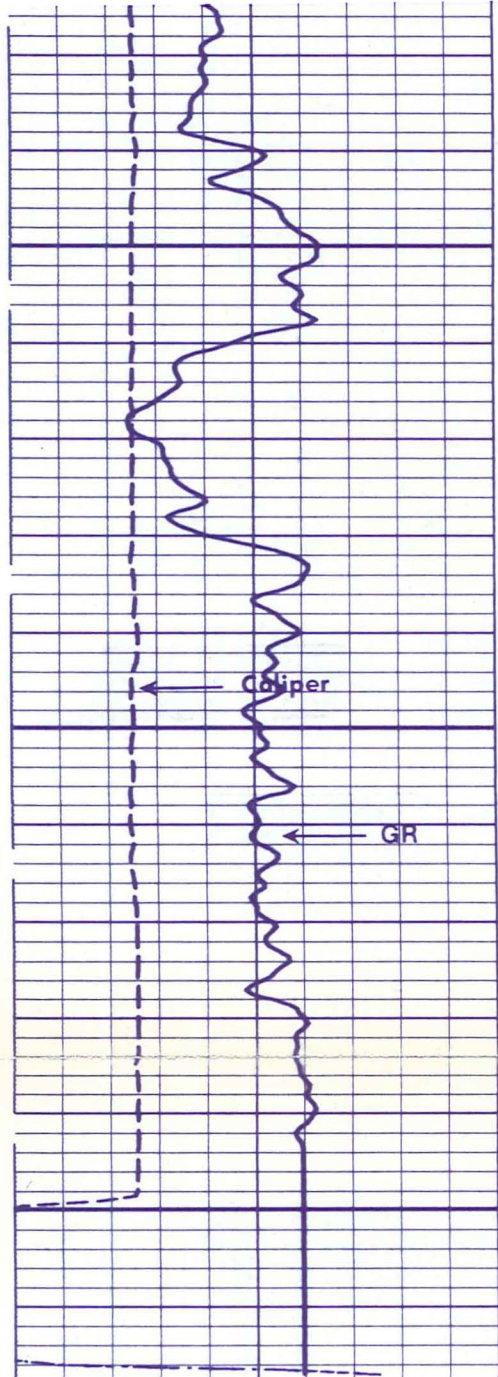


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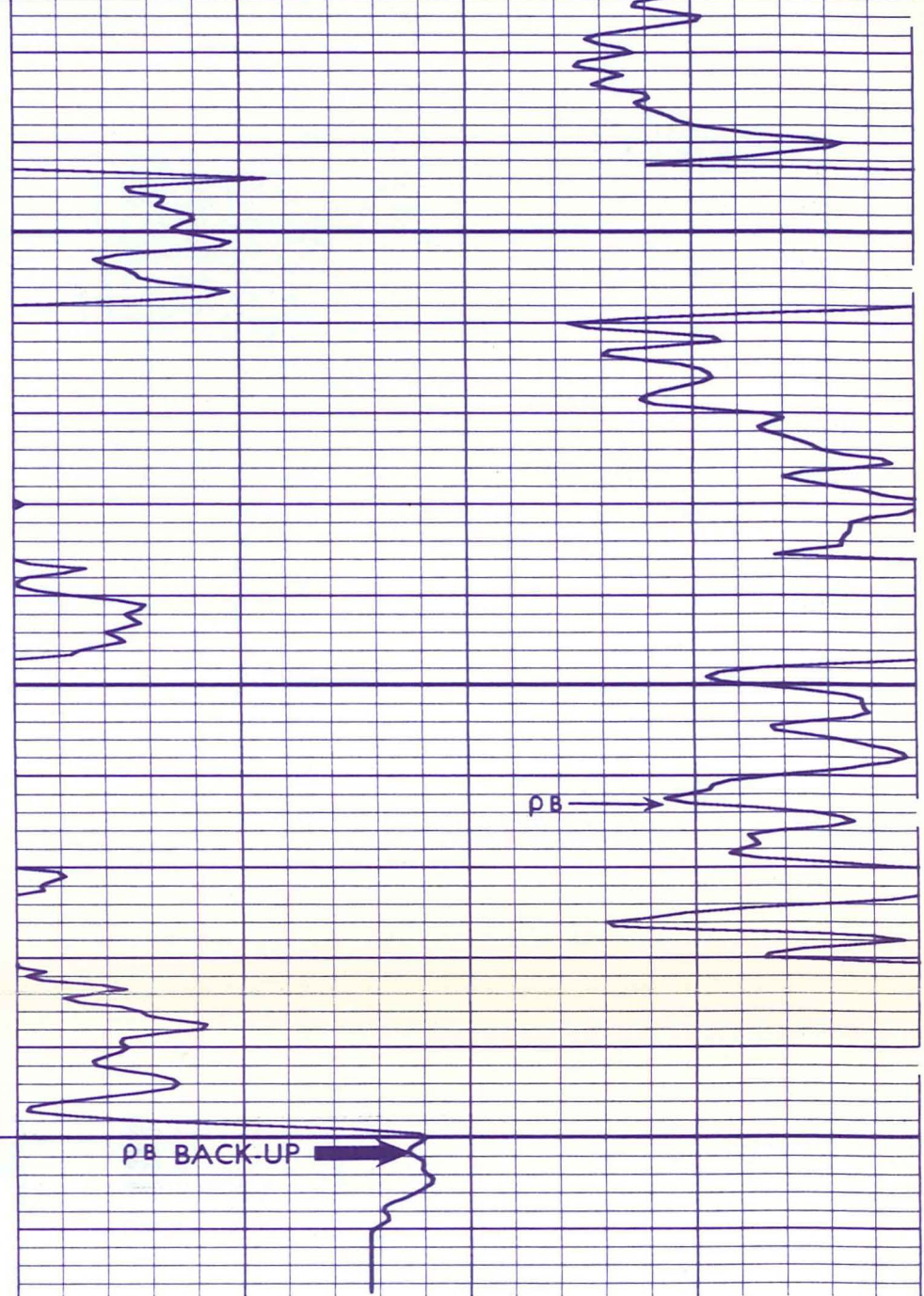
62-10-9

071024#



3400

3500



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CALI(IN)	
10.00	20.00
GR (GAPI)	
0.0	150.0

4.000	RHOB(G/C3)	5.000
0.0	RHOB(G/C3)	1.000
2.000	RHOB(G/C3)	3.000

24
24
24

AFTER SURVEY TOOL CHECK SUMMARY

Run 1

Run 2

PERFORMED: 79/03/10
PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

PGTK TOOL CHECK

	BEFORE	JIG	AFTER	UNITS
FFDC	336		334	CPS
NFDC	527		529	CPS

5
5
5
5
5
5
5
5

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 79/03/10
PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

SGTE DETECTOR CALIBRATION SUMMARY

	MEASURED	JIG	CALIBRATED	UNITS
GR	BKGD 50	217	164	GAPI

PGTK DETECTOR CALIBRATION SUMMARY

	BLOCK CALIBRATED	MEASURED	JIG	CALIBRATED	UNITS
FFDC	0	415		226	CPS

6-01-79 0740212 212070

PERFORMED: 79/03/10
PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

SGTE DETECTOR CALIBRATION SUMMARY

GR	MEASURED		CALIBRATED	UNITS
	BKGD	JIG		
	50	217	164	GAPI

PGTK DETECTOR CALIBRATION SUMMARY

FFDC NFDC	BLOCK CALIBRATED		MEASURED	JIG CALIBRATED		UNITS
	0		415		336	CPS
	0		690		527	CPS

PGTK CALIPER CALIBRATION SUMMARY

CALI	MEASURED		CALIBRATED		UNITS
	SMALL	LARGE	SMALL	LARGE	
	10.3	15.3	12.0	20.0	IN

4
4
4
4
4
4

16890

SHOP SUMMARY

PERFORMED: 79/03/02
PROGRAM FILE: SHOP (VERSION 12.4 78/12/ 8)

PGTK DETECTOR CALIBRATION SUMMARY

FFDC NFDC	BLOCK		MEASURED	JIG		UNITS
	MEASURED	CALIBRATED		CALIBRATED		
	396	336	396		337	CPS
	694	527	693		527	CPS

(PGS:82 , PGC:104 , SFT:25)

16890

16890

24
24
24

Run 3 BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 79/03/30
PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

SGTE DETECTOR CALIBRATION SUMMARY

GR	MEASURED		CALIBRATED	UNITS
	BKGD	JIG		
	44	190	164	GAPI

PGTE DETECTOR CALIBRATION SUMMARY

FFDC NFDC	BLOCK CALIBRATED		MEASURED	JIG CALIBRATED		UNITS
	0		324		336	CPS
	0		563		527	CPS

PGTE CALIPER CALIBRATION SUMMARY

CALI	MEASURED		CALIBRATED		UNITS
	SMALL	LARGE	SMALL	LARGE	
	7.2	10.0	8.0	12.0	IN

24
24
24

Run 3 AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 79/03/30
PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

PGTE TOOL CHECK

FFDC	JIG		UNITS
	BEFORE	AFTER	

6-01-79 074034e
6-01-79 074034e
6-01-79

PGTE

CALIPER CALIBRATION SUMMARY

CALI	MEASURED		CALIBRATED		UNITS
	SMALL	LARGE	SMALL	LARGE	
	7.2	10.0	8.0	12.0	IN
		24			
		24			
		24			

Run 3 AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 79/03/30
 PROGRAM FILE: NUC (VERSION 12.4A 78/12/ 8)

PGTE

TOOL CHECK

FFDC NFDC	JIG		UNITS
	BEFORE	AFTER	
	336	335	CPS
	527	527	CPS
		30	
		30	
		30	
		30	
		30	
		20400	
		20400	
		20400	

Run 3 SHOP SUMMARY

PERFORMED: 79/01/29
 PROGRAM FILE: SHOP (VERSION 12.4 78/12/ 8)

PGTE

DETECTOR CALIBRATION SUMMARY

FFDC NFDC	BLOCK		JIG		UNITS
	MEASURED	CALIBRATED	MEASURED	CALIBRATED	
	321	336	321	336	CPS
	500	527	500	520	CPS
		(PCS:59 , PCC:65 , SFT:606)			
		20400			
		20400			
		20400			

6-01-79 074034

