



BHC
Acoustilog

GLO2870-
3 of 4

FILE NO. R-406	COMPANY R.F.E.C.-F.R.D.A.
	WELL CARSON SIN
	FIELD WILDCAT
	COUNTY CHURCHILL STATE NEVADA
LOCATION: CENTER OF SEC. 4 OF SEC. 4 SEC 16 TWP 12N RGE 27E	
Permanent Datum CROWN LEVEL Elev. 4057	Other Services C-NEUT-DL SPECTRALOG. PROX. MIN. DIFL
Log Measured from R.K.B. 25 Ft. Above Permanent Datum	KB 4082
Drilling Measured from P.K.B.	DF 4080
	Gt. 4057
Date 2/28/77	
Run No. ONE	
Depth-Driller 8472	
Depth-Logger 8514	
Bottom Logged Interval 8506	
Top Logged Interval 698	
Casing-Driller 9 5/8 @ 699	@ @ @
Casing-Logger 698	
Bit Size 8 3/4"	
Type Fluid in Hole CHEM GEL	@ @ @
Density and Viscosity 9.0+ 137	
pH and Fluid Loss 10.0 11.2 cc	cc cc cc
Source of Sample FLOW LINE	
Rm @ Meas. Temp. 2.2 @ 63 *F	@ *F @ *F @ *F
Rmf @ Meas. Temp. 1.8 @ 60 *F	@ *F @ *F @ *F
Rmc @ Meas. Temp. 2.3 @ 61 *F	@ *F @ *F @ *F
Source of Rmf and Rmc M M	
Rm @ BHT 50 @ 280 *F	@ *F @ *F @ *F
Time Since Circ. 30	
Max. Rec. Temp. Deg. F. 280 *F	*F *F *F
Equip. No. and Location 6089 RSVL T	
Recorded By MCCALL	
Witnessed By MR. CALLIHAN & MR. HORTON	

Reproduced By
Electrical Log Services
MIDLAND, TEXAS 79701

REFERENCE # 9399R



26 COMPLETION RECORD

SPUD DATE _____

COMP DATE _____

DST RECORD _____

API NO. _____

CASING RECORD _____

PERFORATING RECORD _____

ACID. FRAC SHOT _____

I P _____

GOR GR _____

T P C P _____

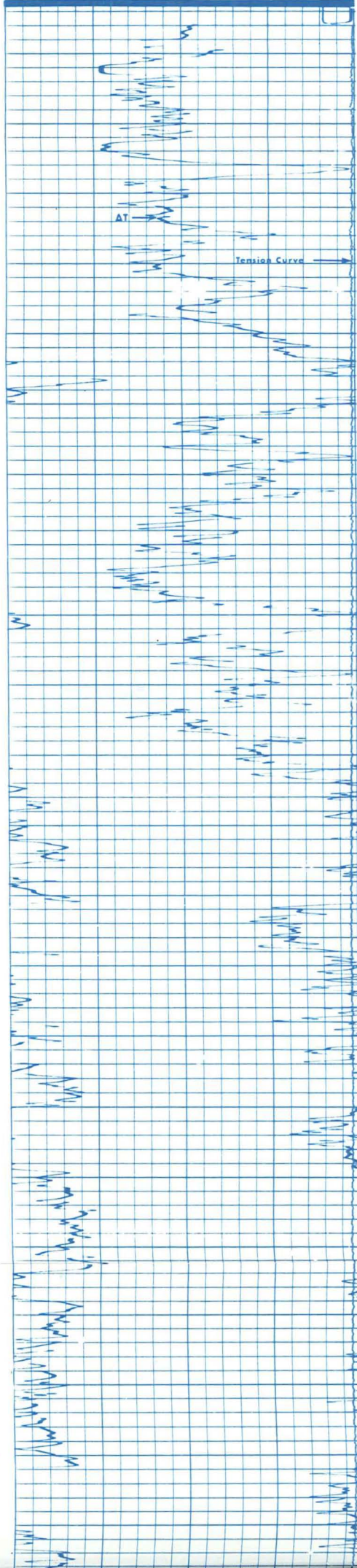
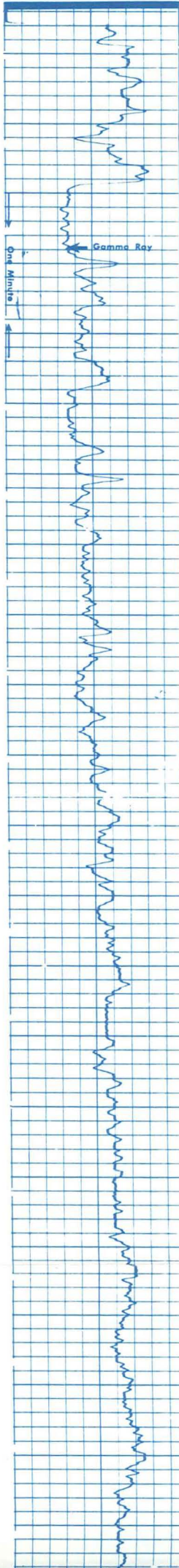
RE.MARKS: _____

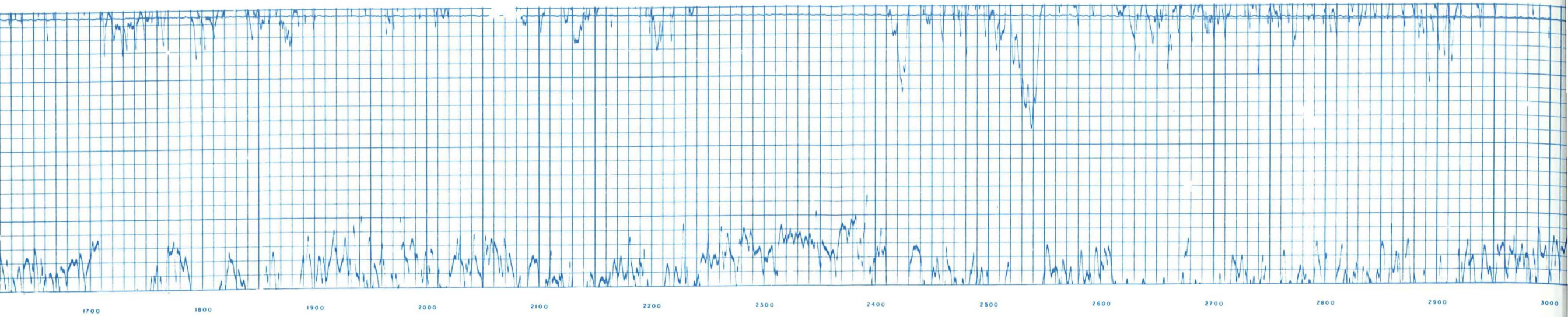
REMARKS CALIPER DAMAGED WHILE TRYING TO SPUD TO BOTTOM.	Equipment Used
	Series No. 1601
	Run No. ONE
	S.O. 39323
	Tool No. 19129
	Elec. No. 19129
	Panel No. 33217
Changes in Mud Type or Additional Samples	Scale Changes
Date Sample No. Type Log Depth Scale Up Hole Scale Down Hole	
Depth-Driller	
Type Fluid in Hole	
Dens. Visc.	
pH Fluid Loss cc cc	
Source of Sample	Equipment Data
Rm @ Meas. Temp. @ *F @ *F	Run No. Tool Type Pad Type Tool Position Other
Rmf @ Meas. Temp. @ *F @ *F	ONE 1601-BHC/AL CENTRAL ZED
Rmc @ Meas. Temp. @ *F @ *F	ONE 1306-GR CENTRAL ZED
Source Rmf Rmc	ONE 626-CAL
Rm @ BHT @ *F @ *F	
Rmf @ BHT @ *F @ *F	
Rmc @ BHT @ *F @ *F	

G/R	DEPTH	ACOUSTILOG T ₁ 4' R ₁ 2' R ₂ 4' T ₂
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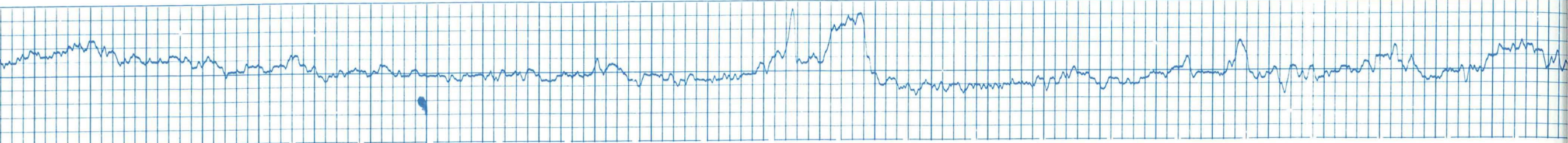
Depth-Driller		Type Fluid in Hole									
Dens	Visc										
pH	Fluid Loss		cc		cc						
Source of Sample						Equipment Data					
Rm @ Meas. Temp.	@	*F	@	*F	Run No.	Tool Type	Pad Type	Tool Position	Other		
Rmf @ Meas. Temp.	@	*F	@	*F	ONE	1601-BHC/AL		CENTRAL ZED			
Rmc @ Meas. Temp.	@	*F	@	*F	ONE	1306-GR		CENTRAL ZED			
Source	Rmf	Rmc			ONE	626-CAL					
Rm @ BHT	@	*F	@	*F							
Rmf @ BHT	@	*F	@	*F							
Rmc @ BHT	@	*F	@	*F							

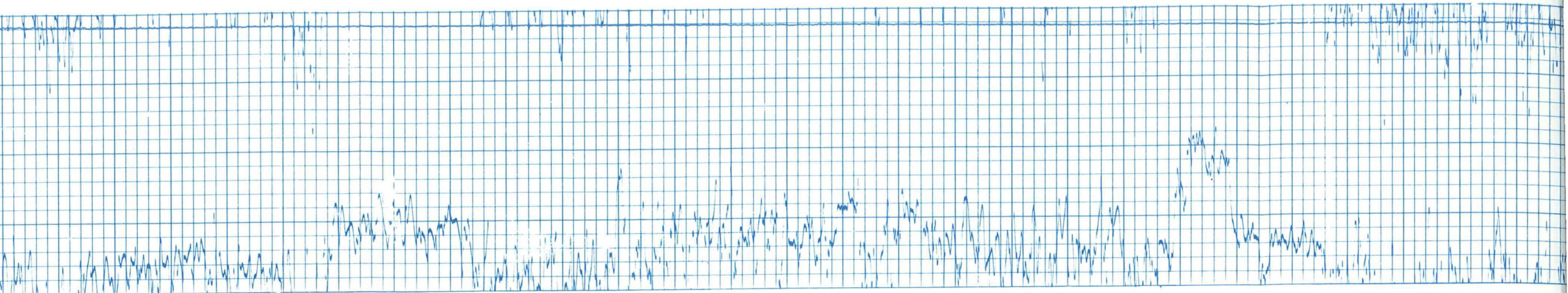
G/R		DEPTH	ACOUSTILOG		
			T ₁ L ₁ R ₁ L ₂ R ₂ L ₂		
0		API UNITS	200		
			SPECIFIC ACOUSTIC TIME		
			Micro Seconds Per Foot		
			140	90	40



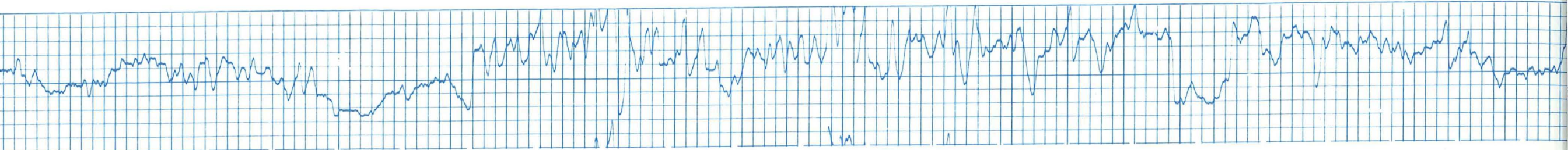


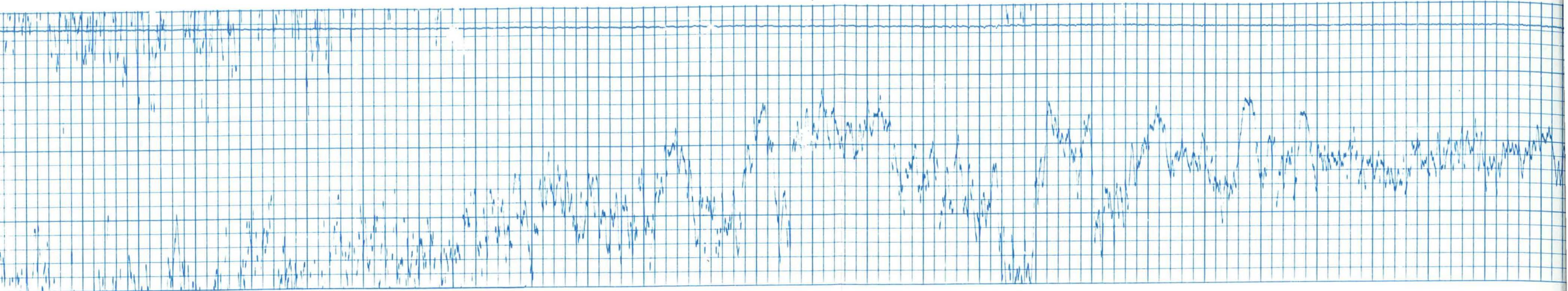
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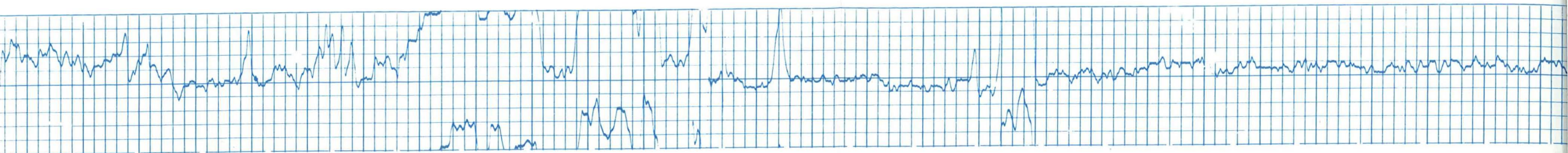


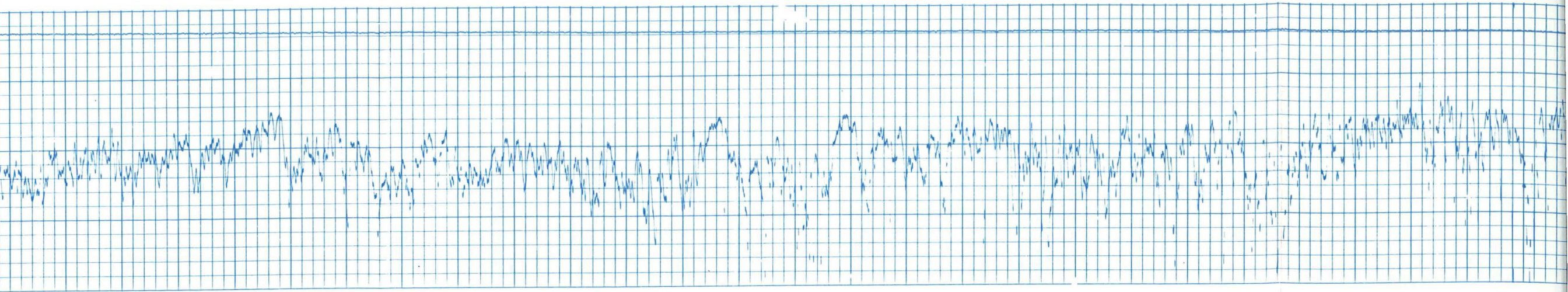
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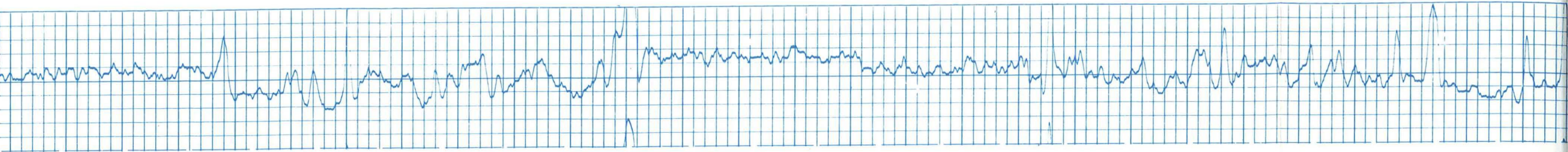


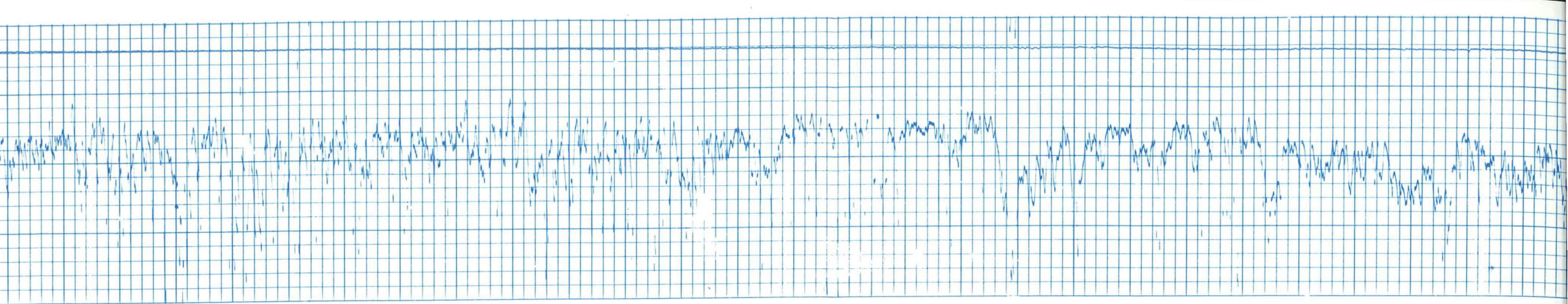
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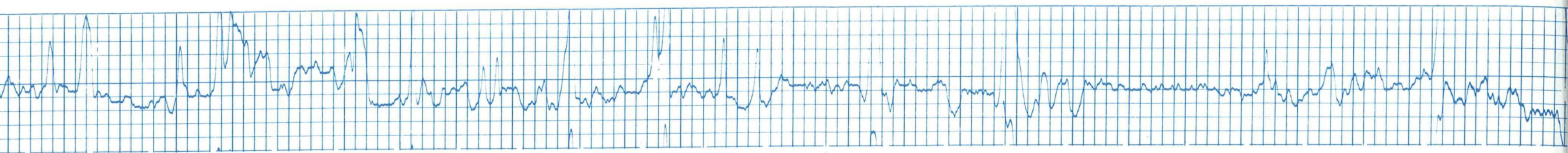


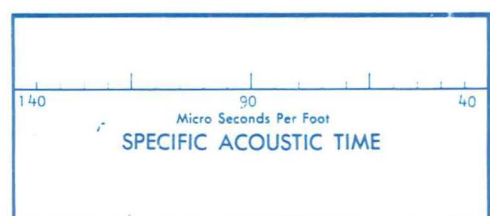
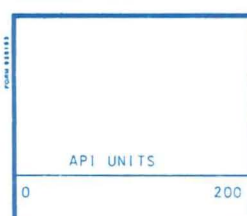
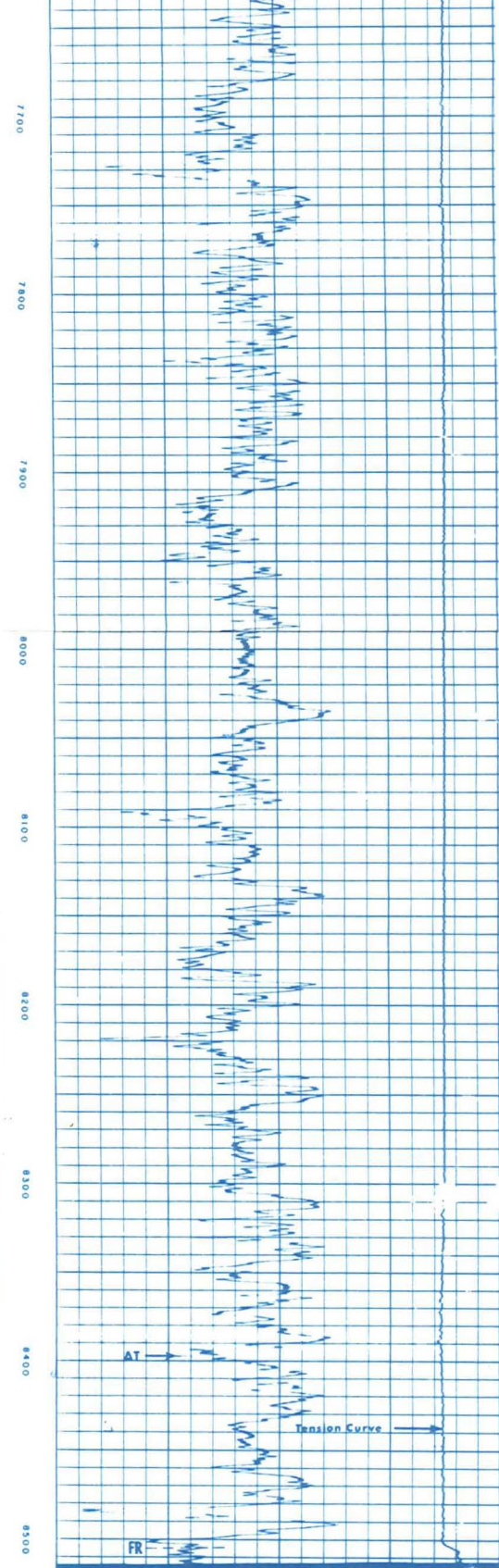
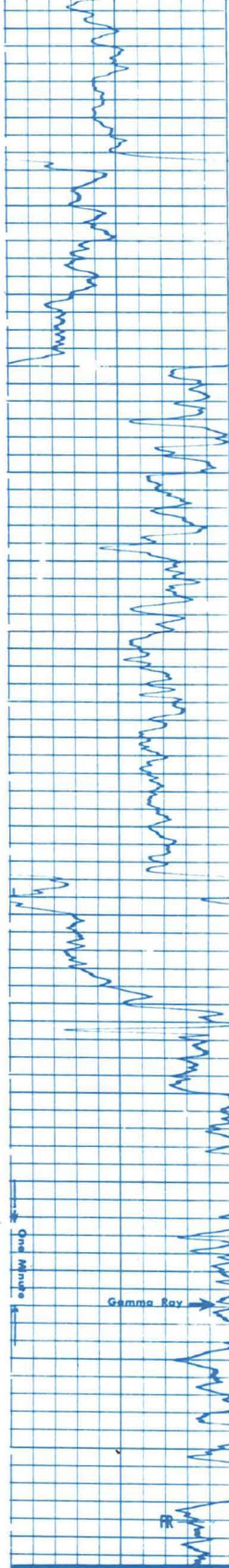
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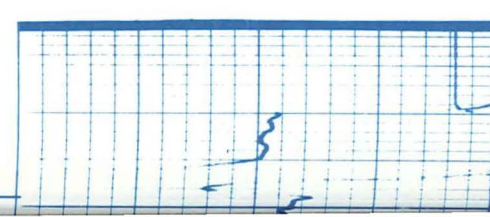
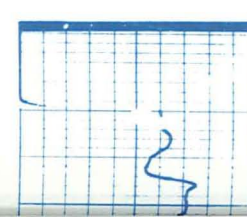
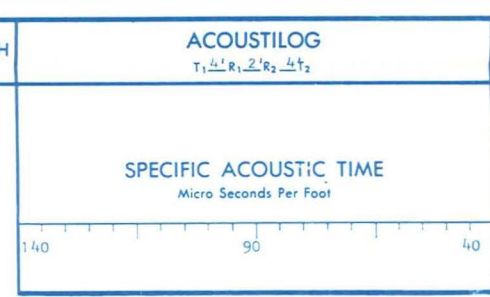
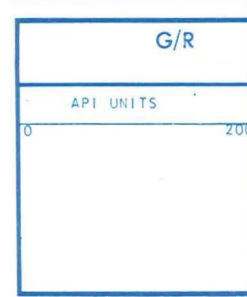


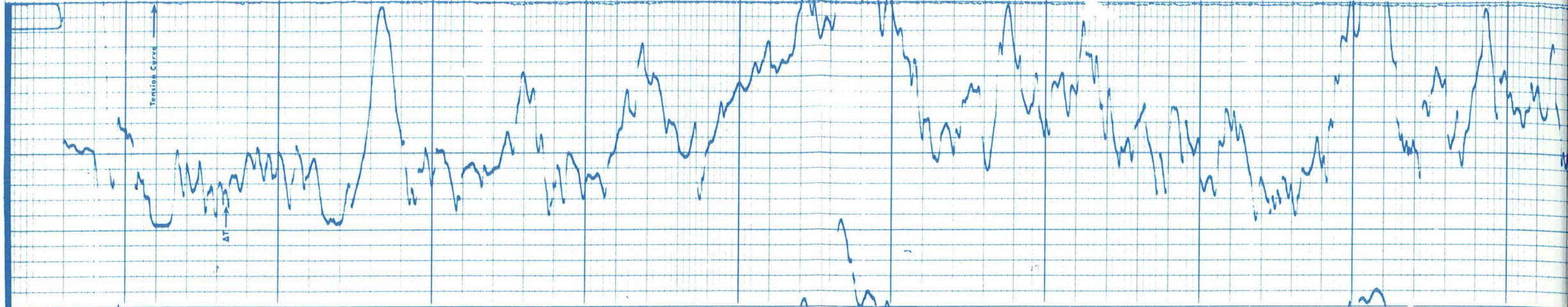
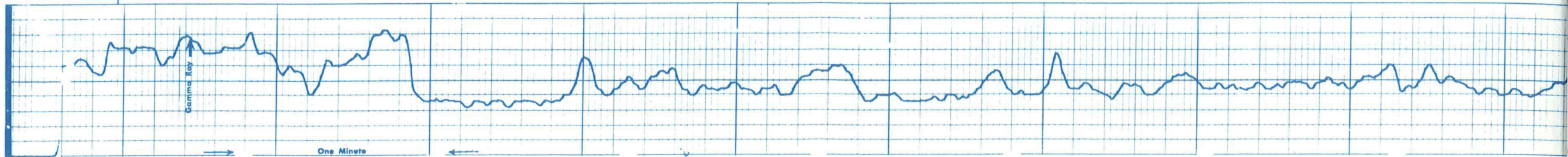
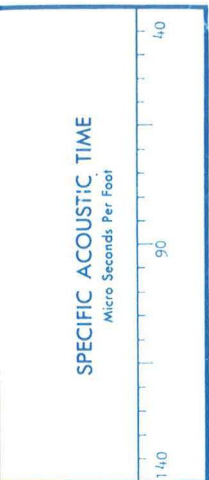
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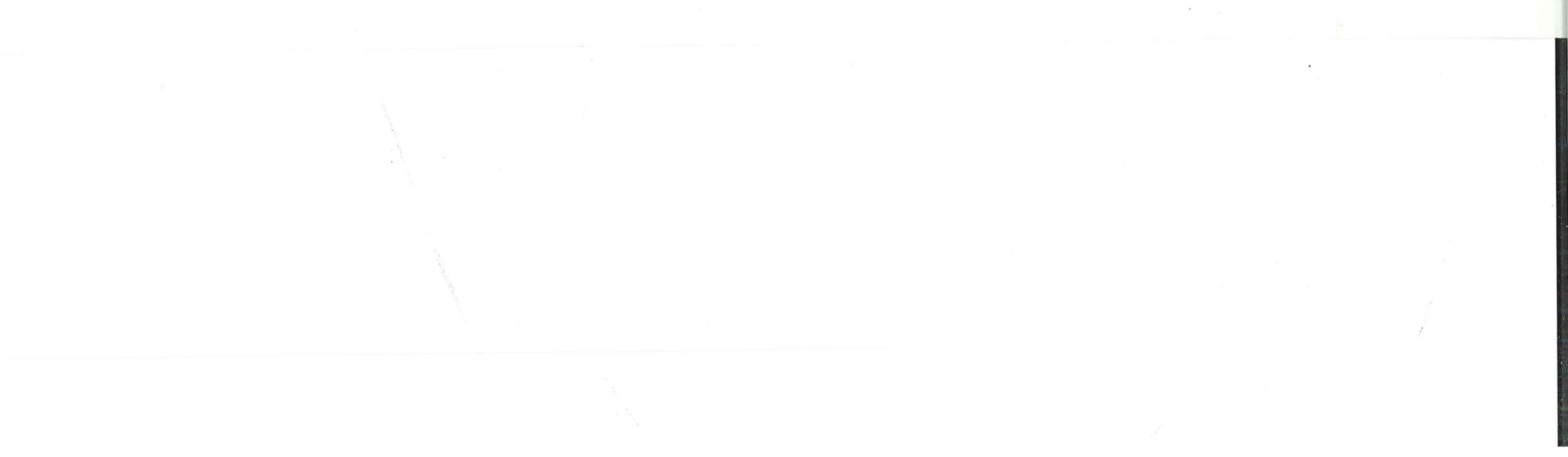
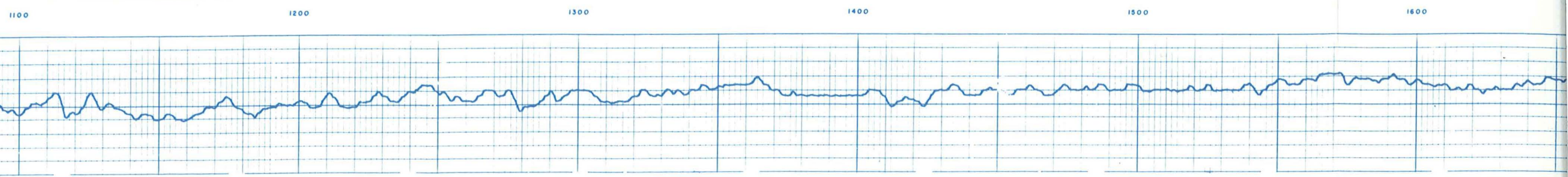
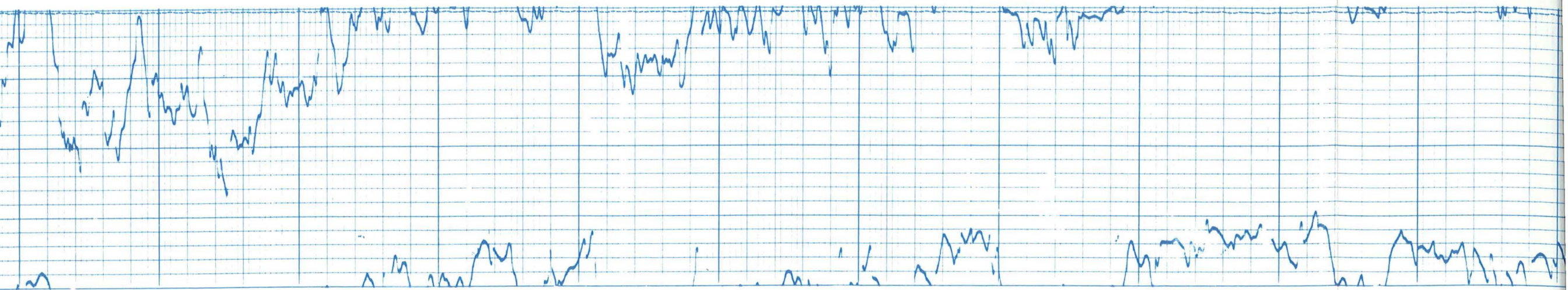


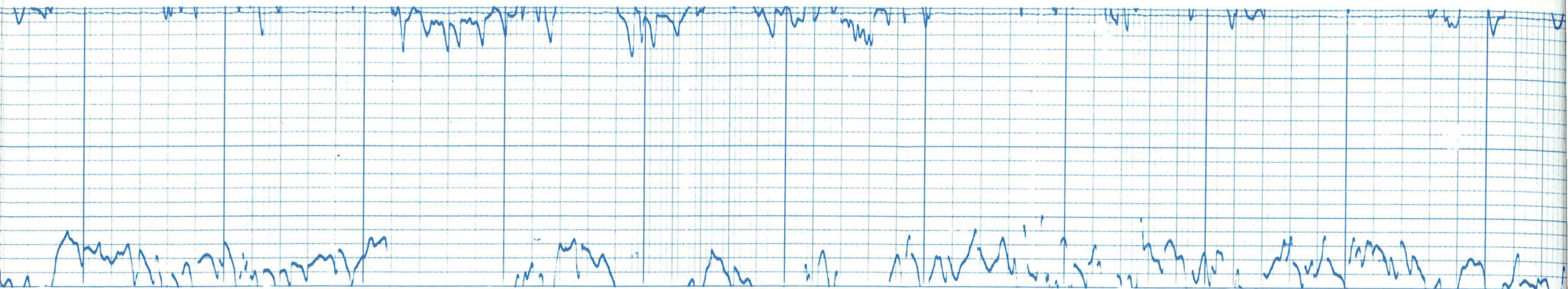
G/R	DEPTH	ACOUSTILOG
		$T_1 \frac{4}{R_1} \frac{2}{R_2} \frac{4}{T_2}$
Company	B.F.E.C. - E.R.D.A.	Drillers T.D. 8472
Well	CARSON SINK #1	Log F.R. 8506
Field	WILDCAT	Log T.D. 8514
County	CHURCHILL	Elevations:
State	NEVADA	K.B. 4082 D.F. 4080 G.L. 4057





700 800 900 1000 1100





1600

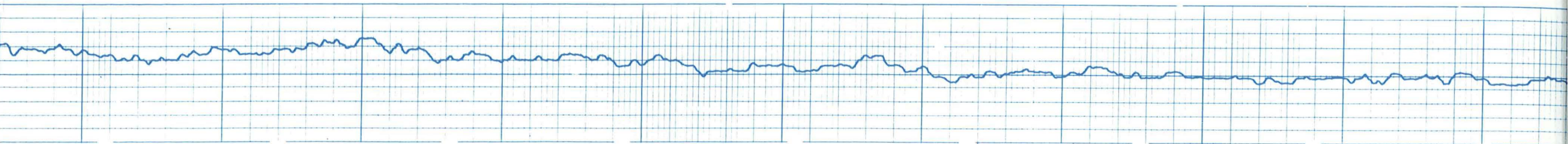
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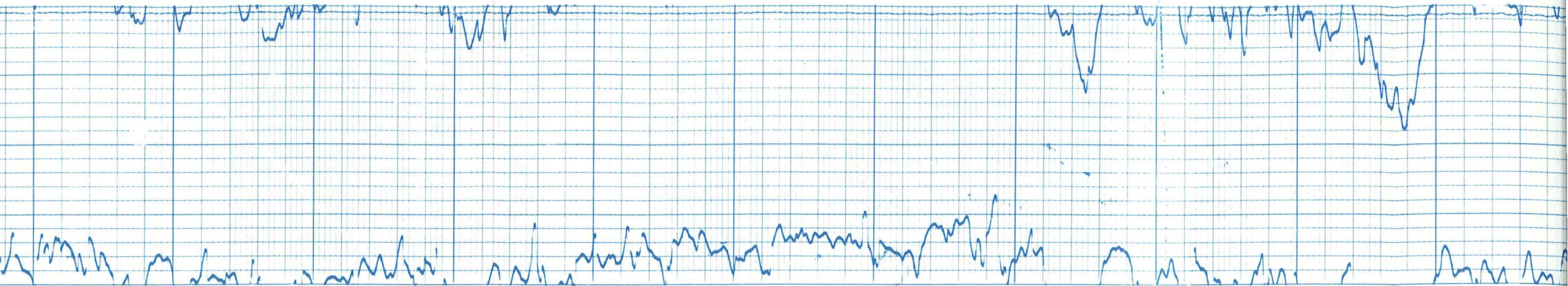
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2000

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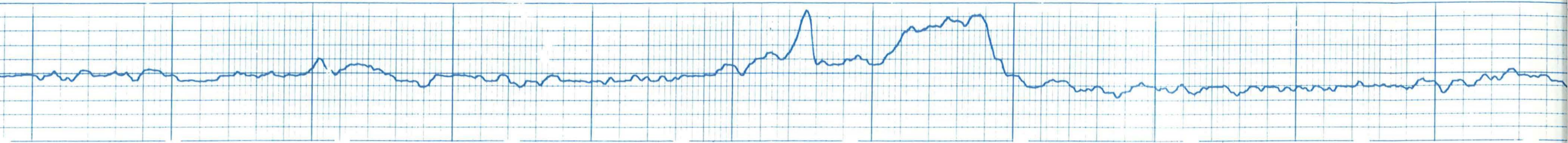
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2400

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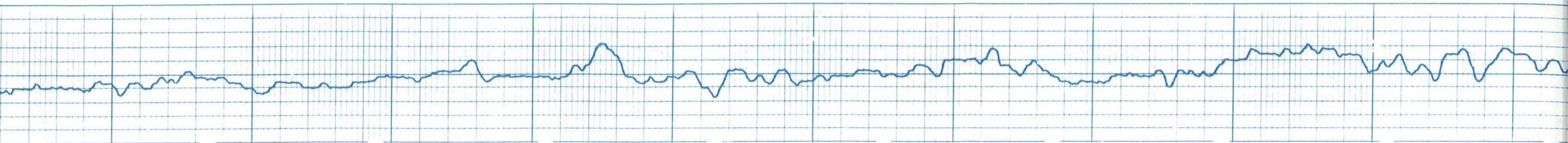
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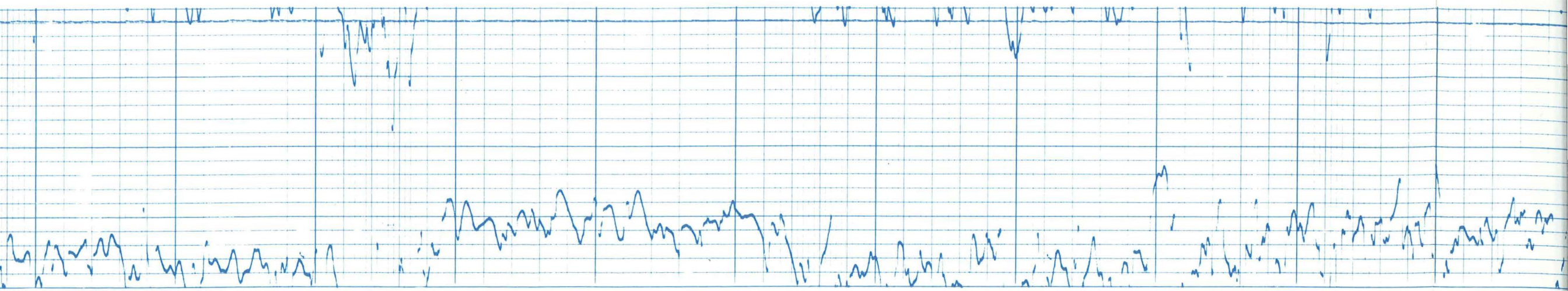
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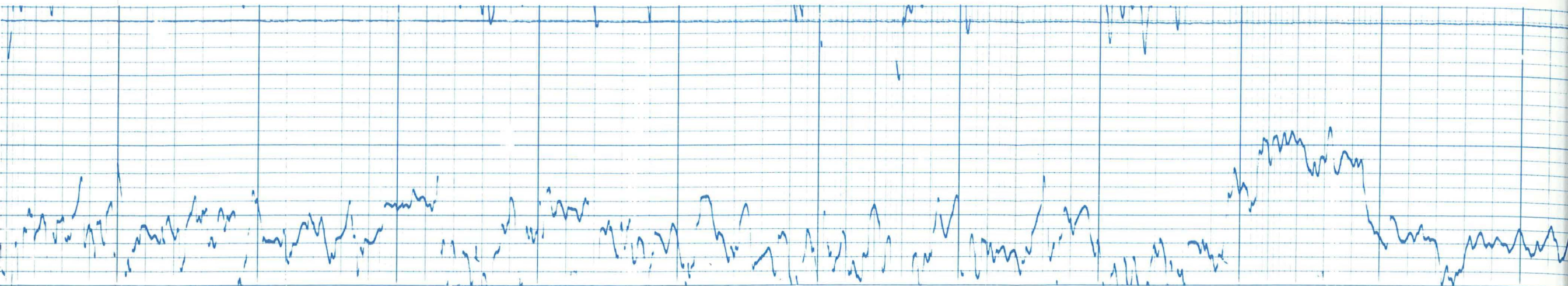
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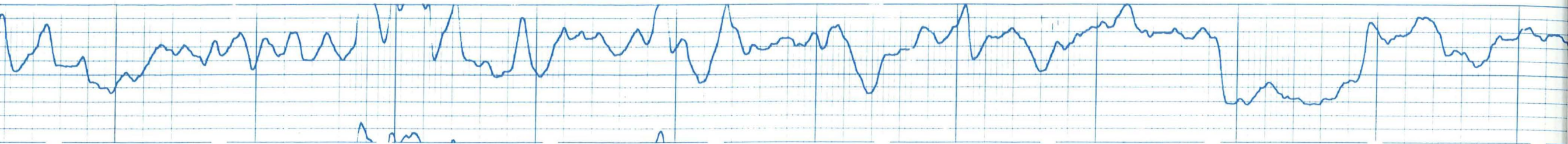
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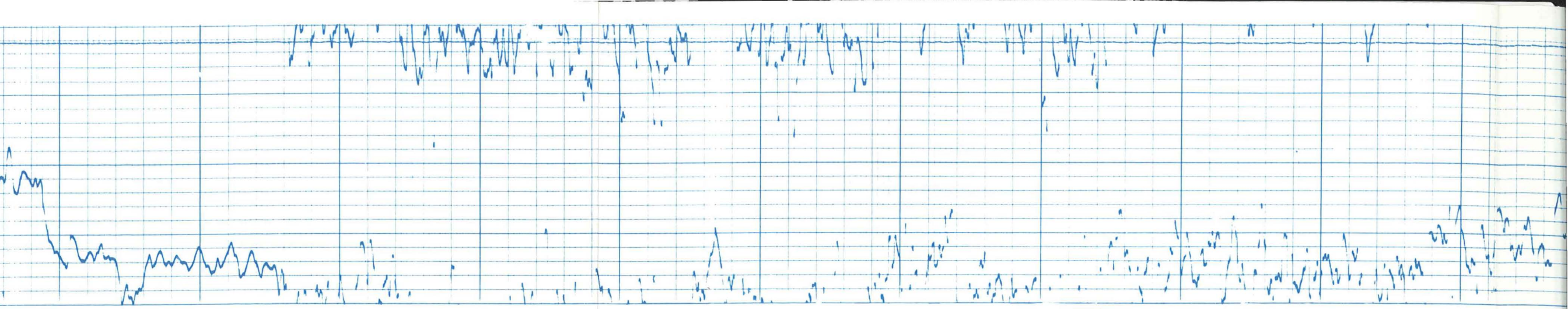
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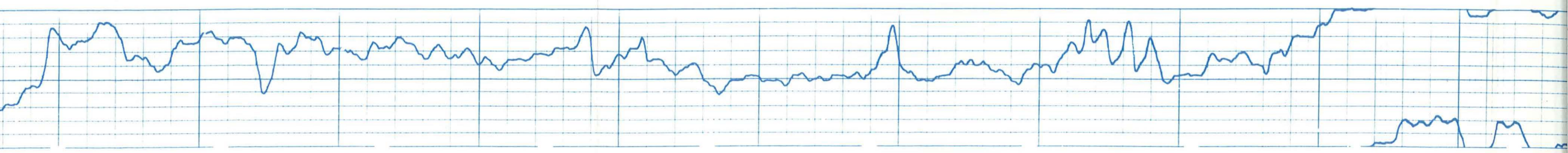
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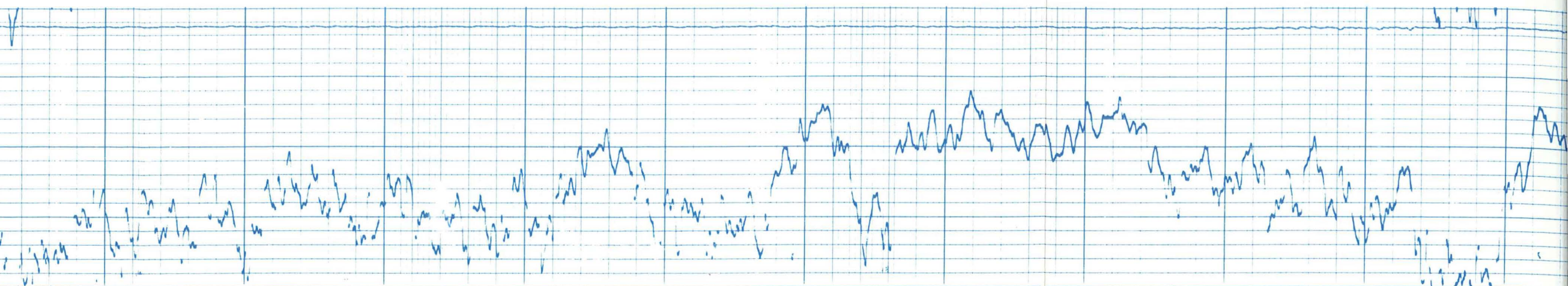
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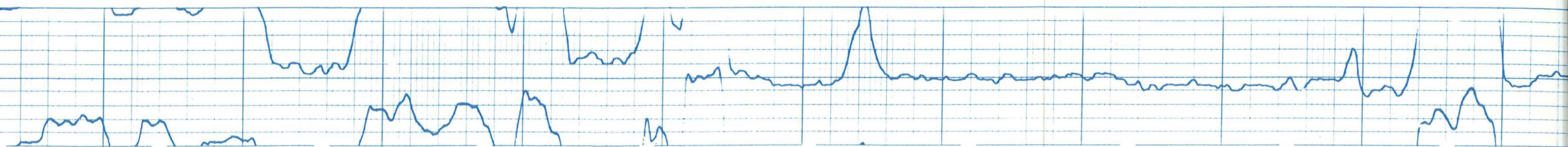
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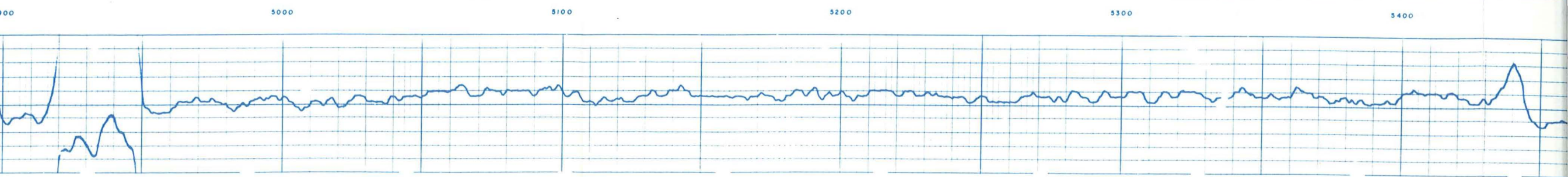
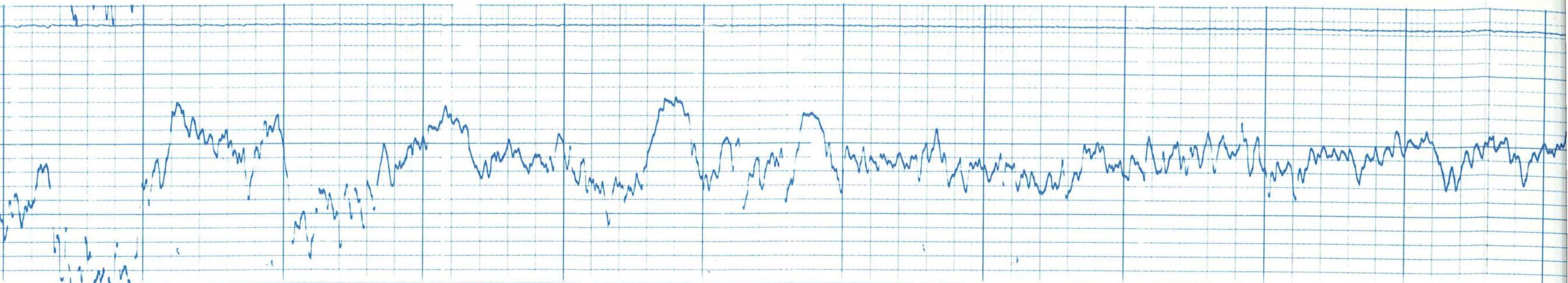
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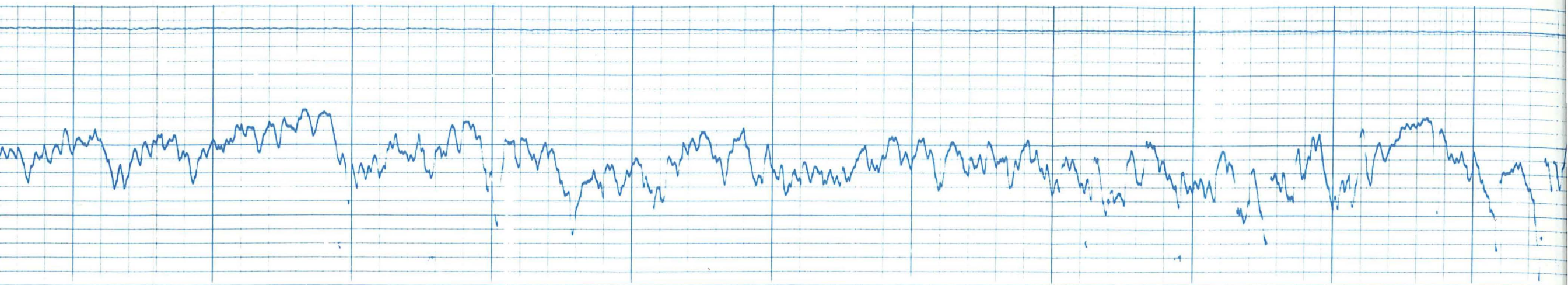
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5400

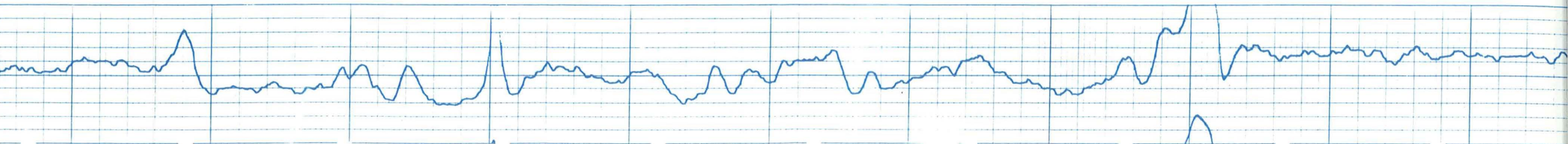
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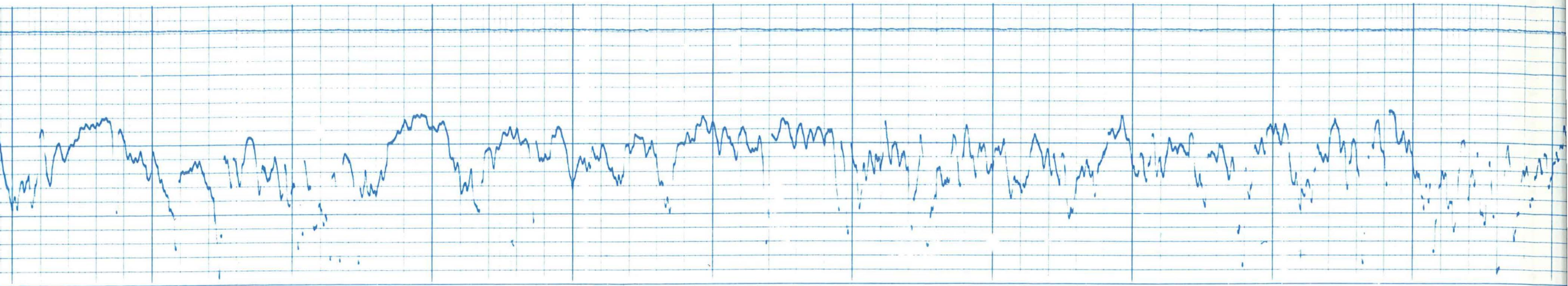
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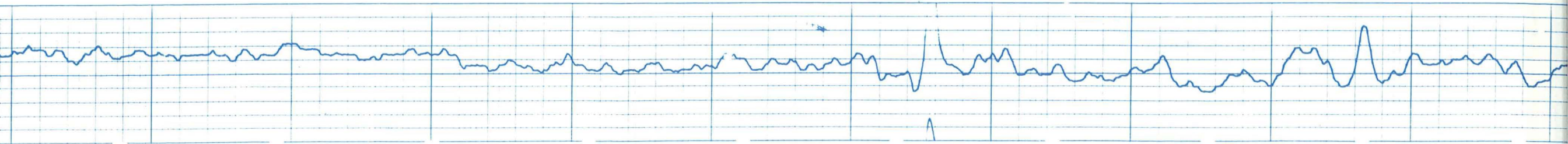
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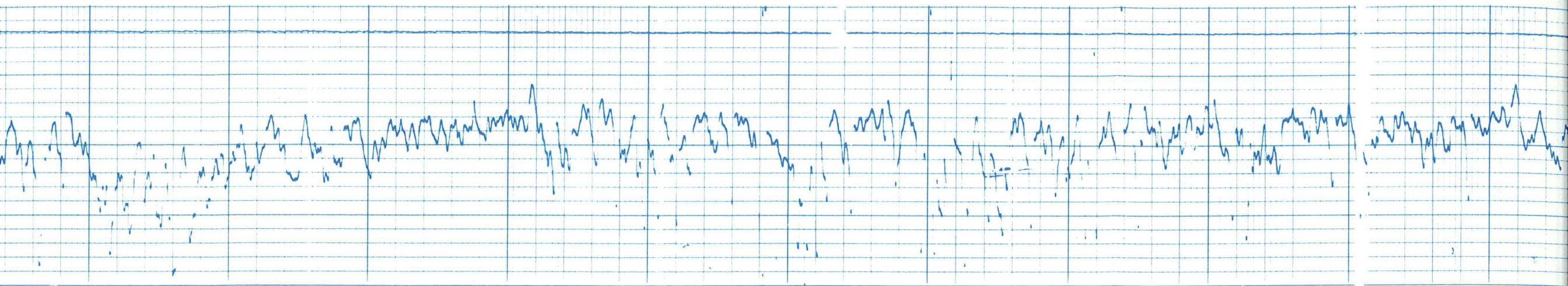
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6400





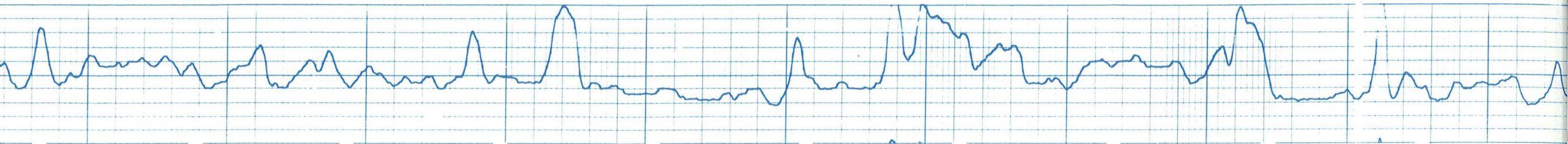
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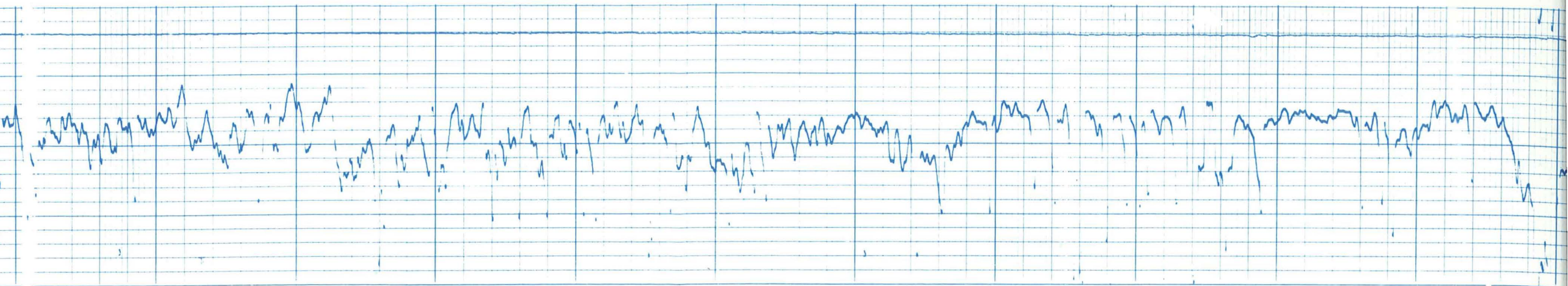
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6800





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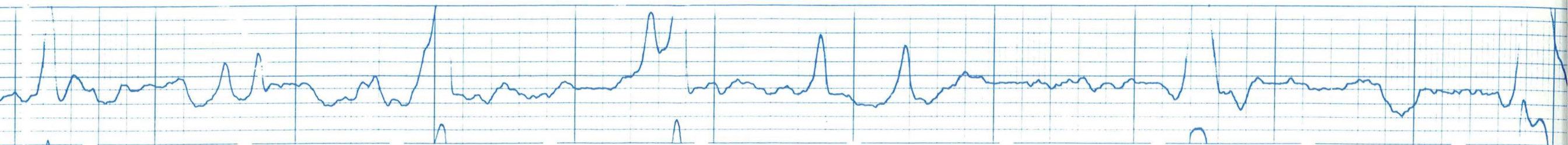
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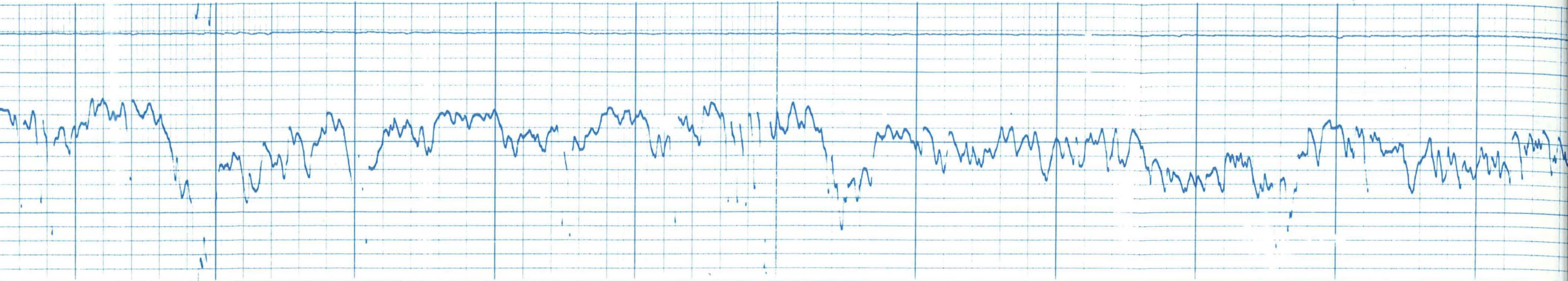
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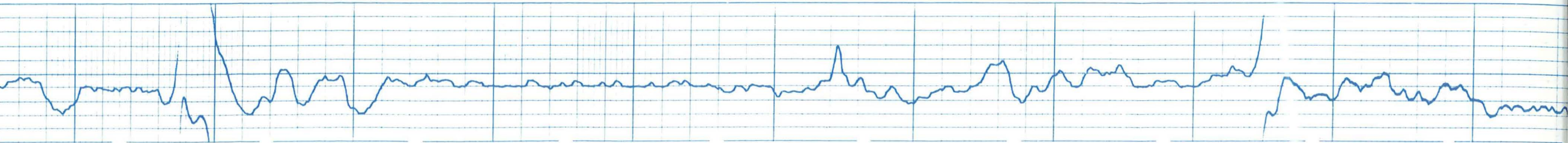
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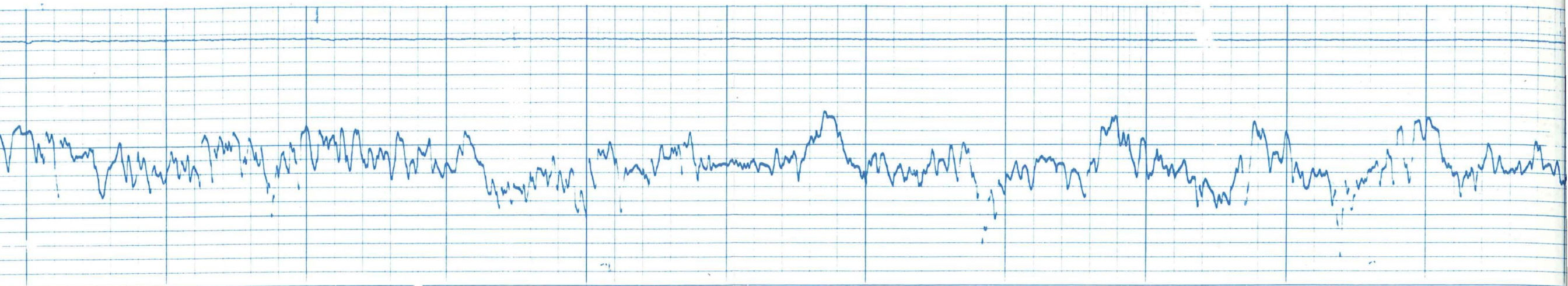
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7800





7800

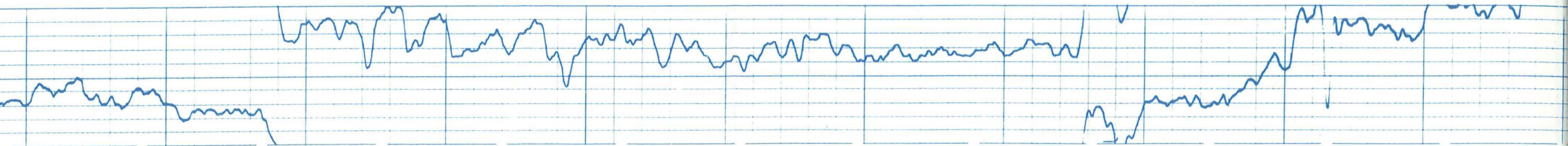
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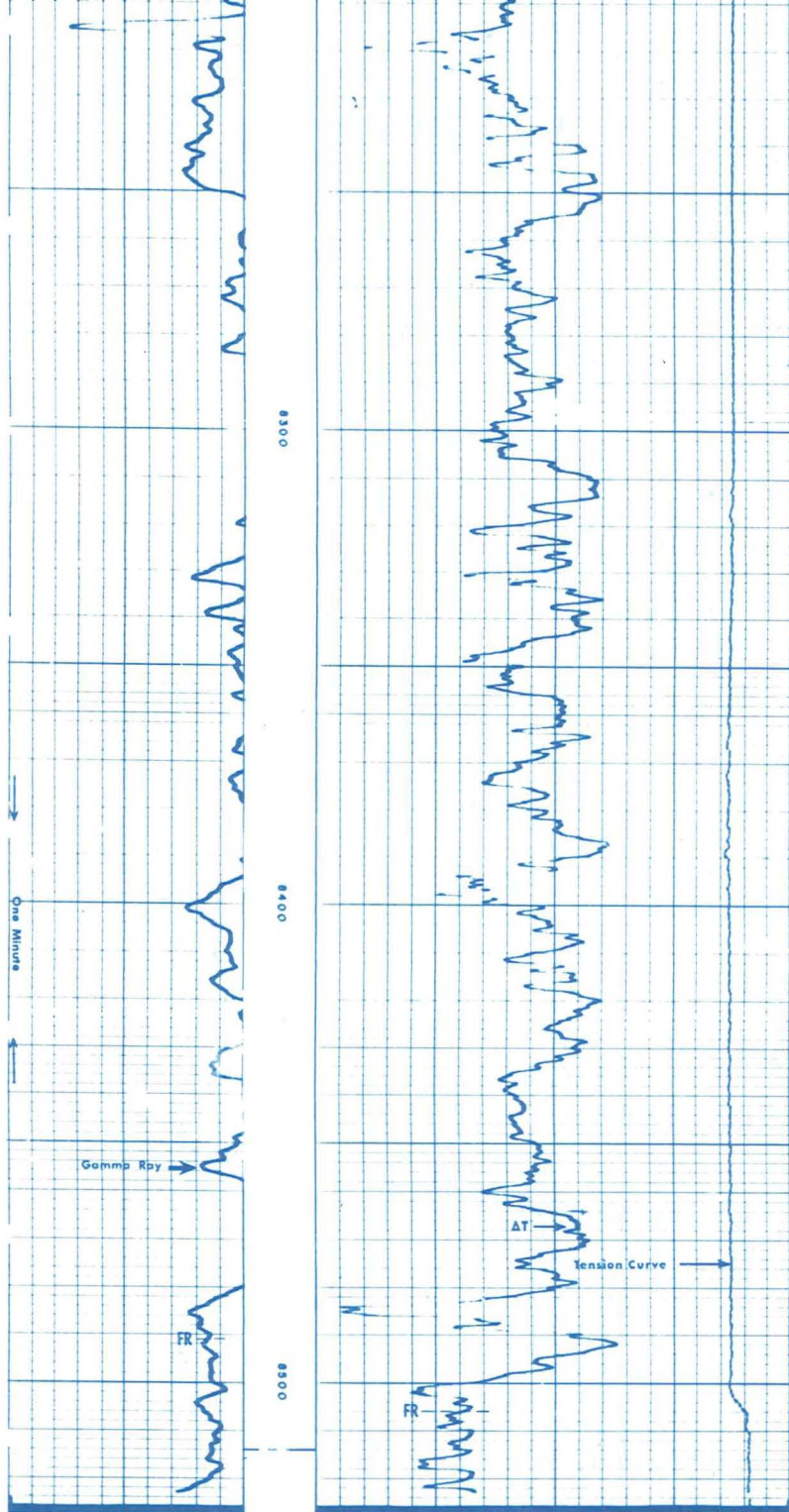
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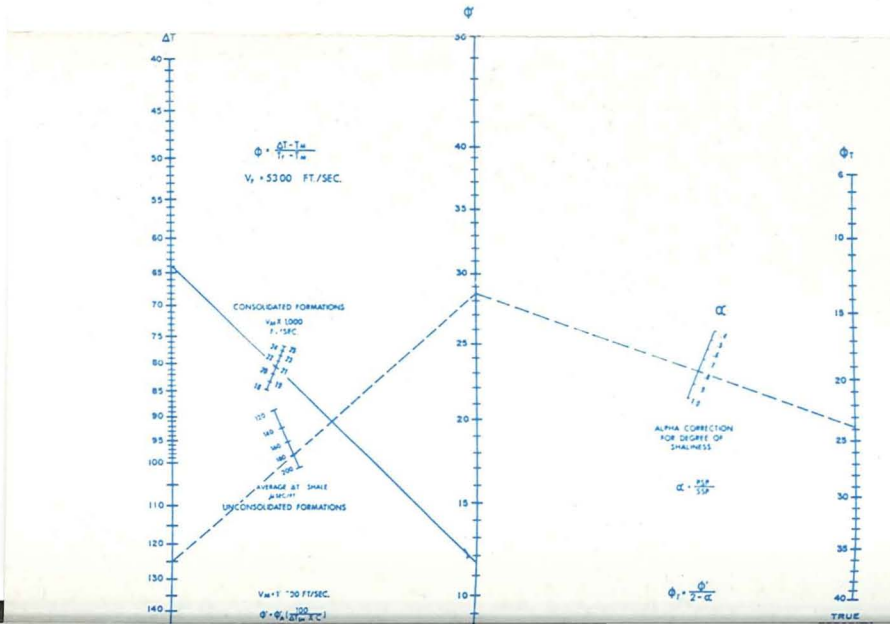
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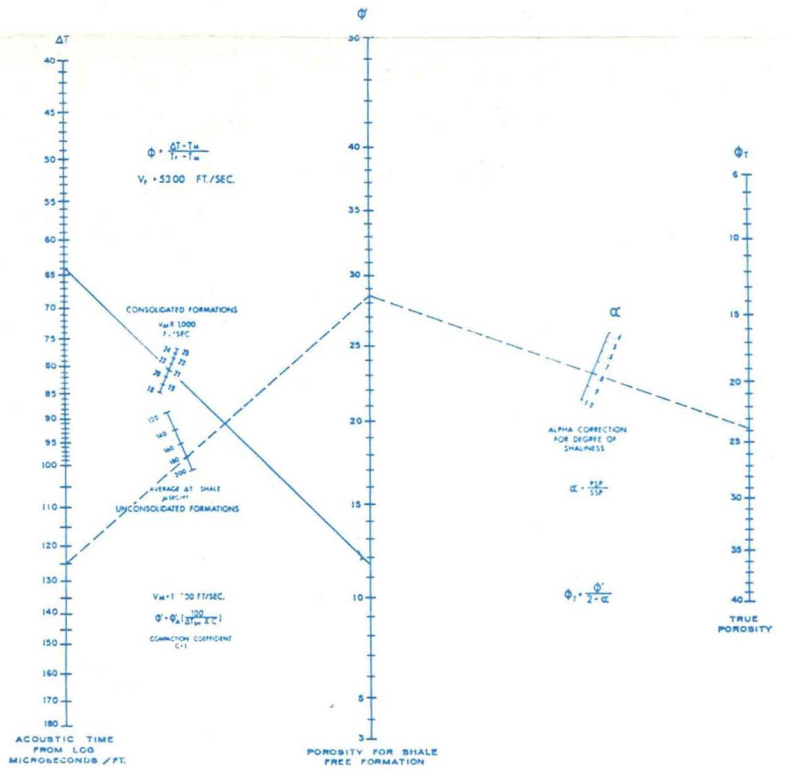
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				140	
				90	
				40	
				Micro Seconds Per Foot	
				SPECIFIC ACOUSTIC TIME	
G/R		DEPTH		ACOUSTILOG	
				$T_1 \frac{L_1}{R_1} - 2 \frac{L_2}{R_2} - \frac{L_3}{R_3}$	
Company	B. F. E. C. - E. R. D. A.	Drillers T.D.	8472		
Well	CARSON SINK #1	Log F.R.	8506		
Field	WILDCAT	Log T.D.	8514		
County	CHURCHILL	Elevations:			
State	NEVADA	K.B.	4082	D.F.	4080
		G.L.	4057		

POROSITY DETERMINATION FROM ACOUSTILOG

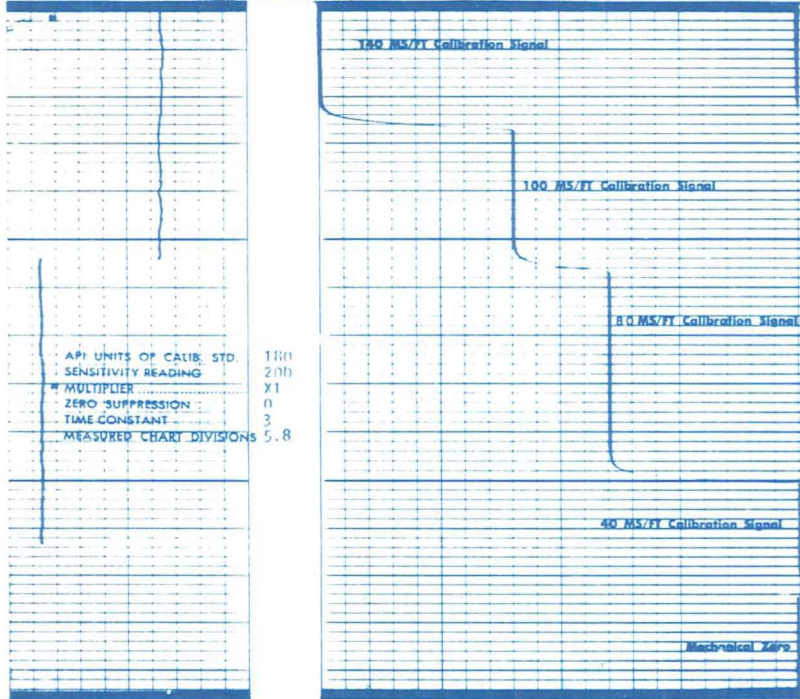


0 API UNITS 200		140 90 40 Micro Seconds Per Foot SPECIFIC ACOUSTIC TIME
G/R	DEPTH	ACOUSTILOG $T_1 \frac{L_1}{R_1} \frac{L_2}{R_2} \frac{L_3}{R_3}$
Company	B. F. E. C. - E. R. D. A.	Drillers T.D. 8472
Well	CARSON SINK #1	Log F.R. 8506
Field	WILDCAT	Log T.D. 8514
County	CHURCHILL	Elevations:
State	NEVADA	K.B. 4082 D.F. 4080 G.L. 4057

POROSITY DETERMINATION FROM ACOUSTILOG



CALIBRATION—AFTER SURVEY



CALIBRATION—BEFORE SURVEY

