



COMPENSATED  
*Densilog*

FILE NO. R-411

COMPANY E.G. & G. IDAHO

WELL R.R.G.E. #3

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION:

SE/NW

SEC 25 TWP 15S RGE 26E

Other Services  
CN/DIFL  
SPECTRALOG

Permanent Datum GROUND LEVEL Elev. 4860  
Log Measured from GROUND LEVEL, Ft. Above Permanent Datum  
Drilling Measured from R.K.B.

Elevations:  
KB N.A.  
DF N.A.  
GL 4860

Date 4/18/77  
Run No. ONE (OFFSHOOT)  
Depth—Driller 5917  
Depth—Logger 5933  
Bottom Logged Interval 5931  
Top Logged Interval 4245  
Casing—Driller 9 5/8 @ 4217 @ @  
Casing—Logger 4245  
Bit Size 8 1/2"  
Type Fluid in Hole WATER

Density and Viscosity				
pH and Fluid Loss		cc	cc	cc
Source of Sample				
Rm @ Meas. Temp.	@	°F	@	°F
Rmf @ Meas. Temp.	@	°F	@	°F
Rmc @ Meas. Temp.	@	°F	@	°F
Source of Rmf and Rmc				
Rm @ BHT	@	302 °F	@	°F
Time Since Circ.				
Max. Rec. Temp. Deg. F.	302	°F	°F	°F
Equip. No. and Location	6089	RSVLT		
Recorded By	MCCALL	ALEX		
Witnessed By	MR. STOKER			

FOLD HERE  
Remarks: CALIPER NOT VALID ABOVE 5650.

Equipment Used

Series No.	2208
Run No.	ONE (OFFSHOOT)
S.O.	39206
Tool No.	29226
Elec. No.	29226
Panel No.	26313

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Equipment Data

Run No.	ONE (OFFSHOOT)
Tool Model No.	2208
Serial No.	29226
Diam.	3"
Computer Model No.	2254
Serial No.	26313
Source Model No.	S17S20
Serial No.	30431

Computer Data

General

Hoist Truck No.	
Auxiliary Equipment	

Logging Data

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General

Run No.	ONE	From	5933	To	4245	Speed Ft./Min.	REC
T.C. Sec.	CCTC	Density Scale	2.0	3.0	Correction Scale	-.5	+.5

Gamma Ray

T.C. Sec.	2	Sens. Settings	548	Zero Div. L or R	ZERO	API G.R. Units/Div.	15
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GAMMA RAY & CALIPER

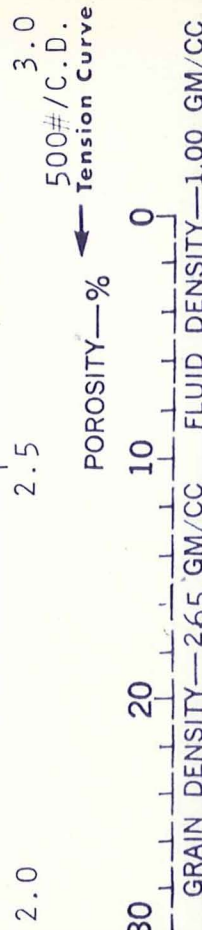
0 API UNITS 150

HOLE SIZE - INCHES  
6 16

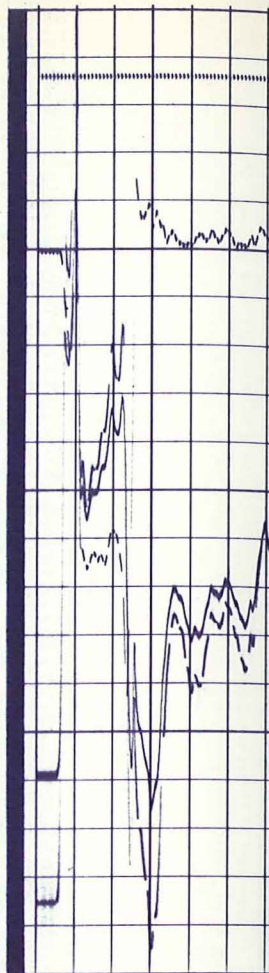
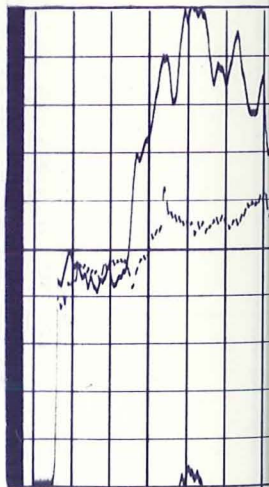
BULK DENSITY GRAMS/CC

CORRECTION

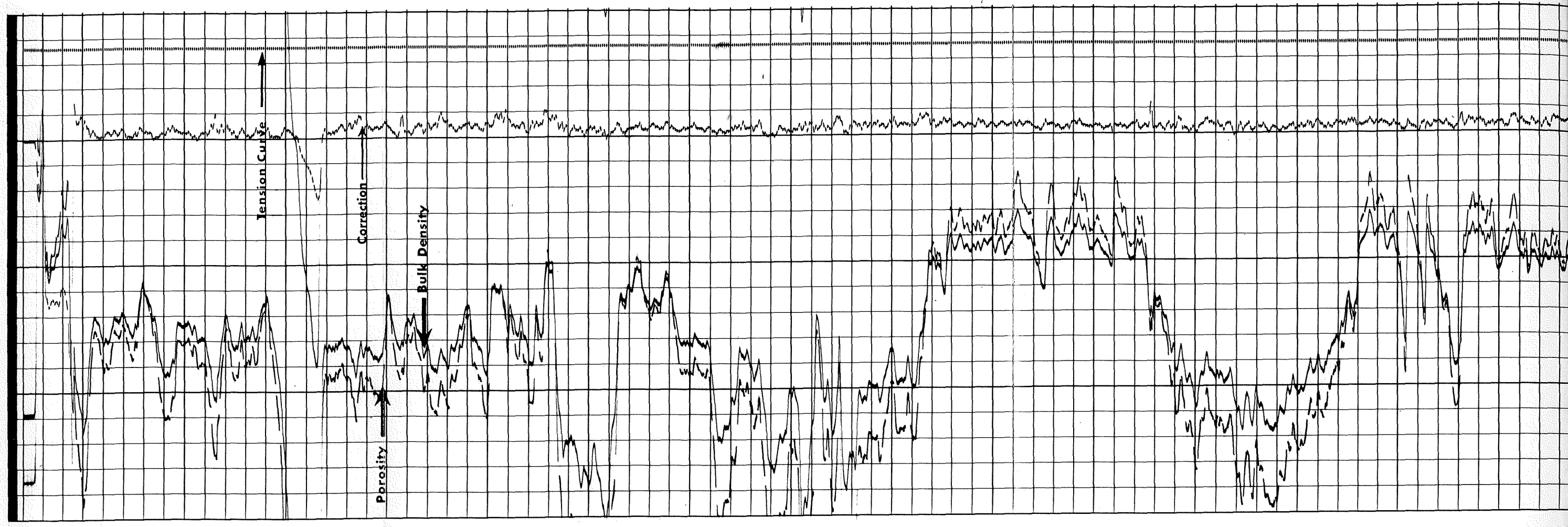
- .5 0 +.5



DEPTH

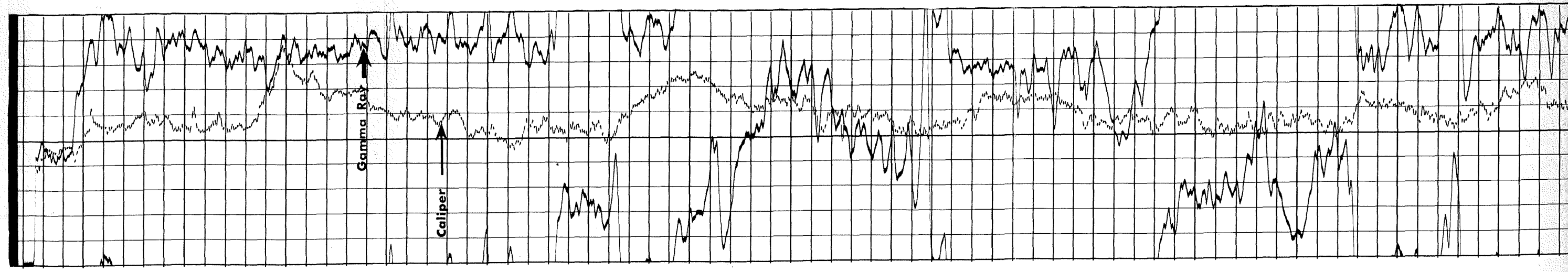


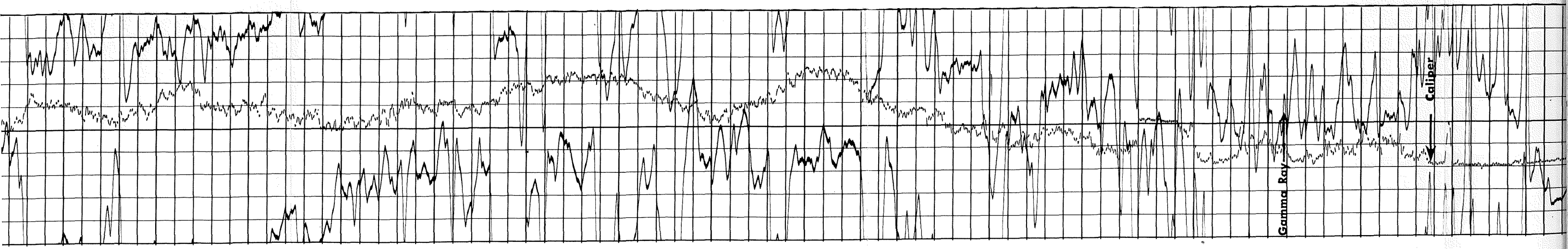
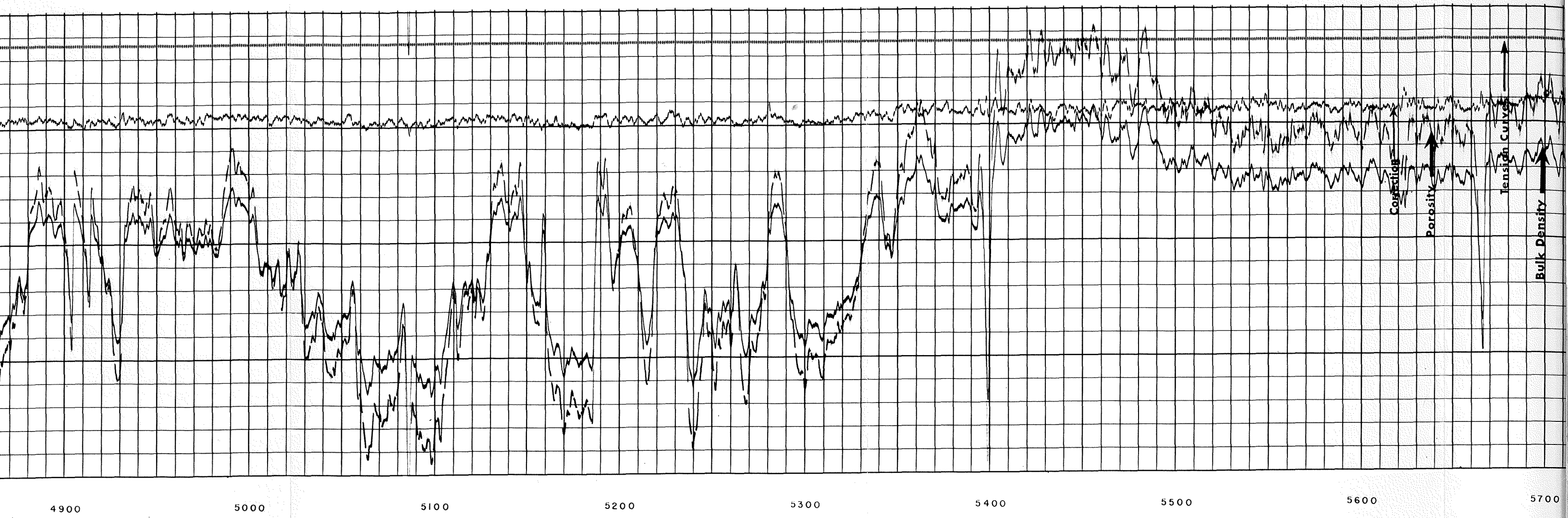
3.0  
500#/C.D.  
Tension Curve  
POROSITY—% ←  
2.5  
0  
10  
20  
30  
GRAIN DENSITY—2.65 GM/CC  
FLUID DENSITY—1.00 GM/CC

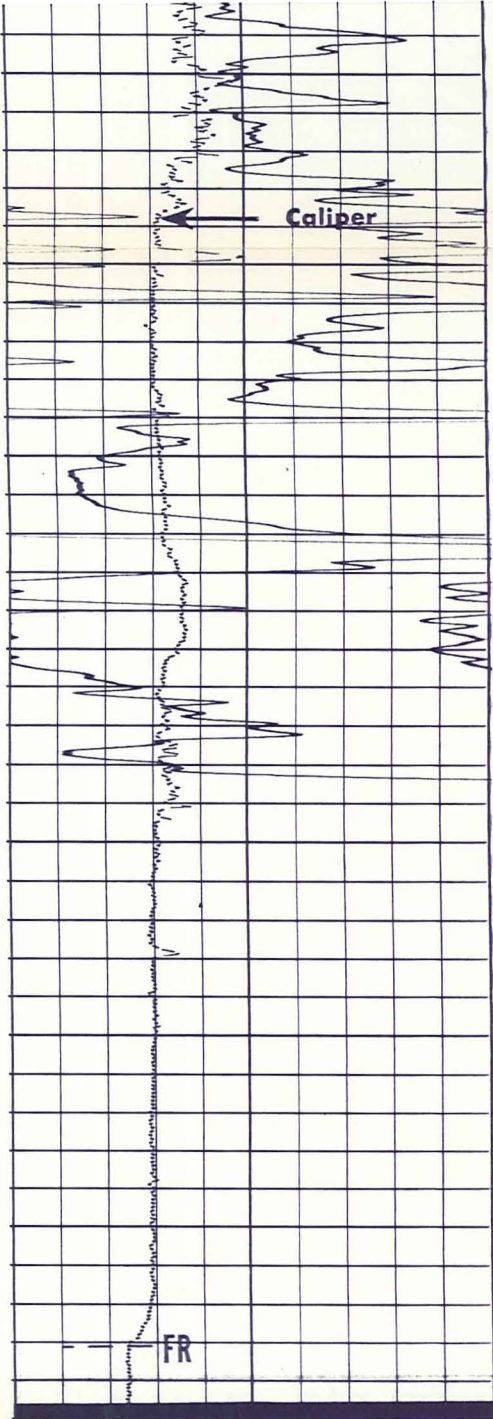


4300 4400 4500 4600 4700 4800 4900

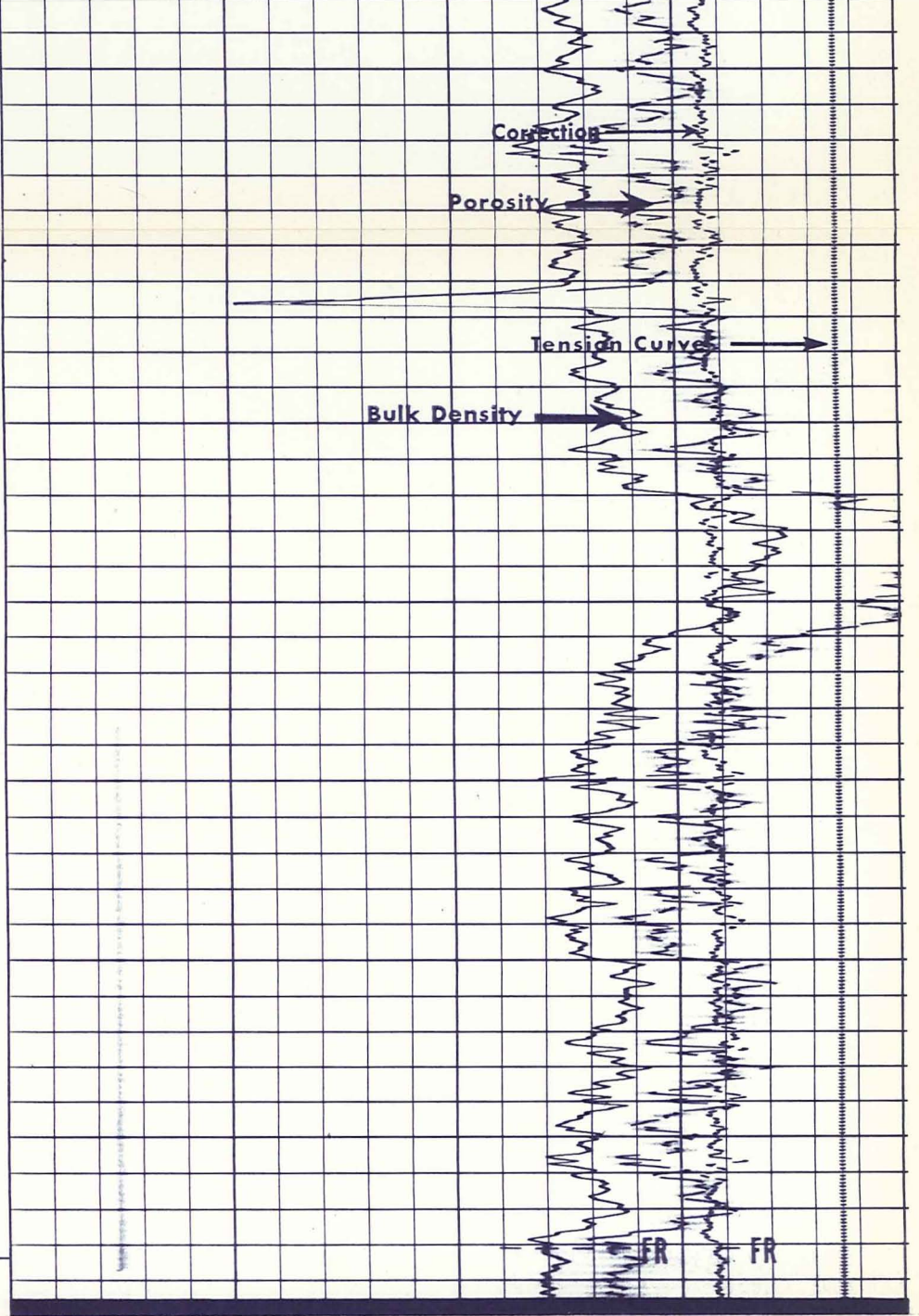
HOLE SIZE - INCHES  
16  
6







5600  
5700  
5800  
5900



6	HOLE SIZE - INCHES	16
0	API UNITS	150

30	POROSITY—%	0
2.0	GRAIN DENSITY—2.65 GM/CC	3.0
	FLUID DENSITY—1.00 GM/CC	
	500#/C.D.	
	Tension Curve	
	CORRECTION	
	- .5	+ .5

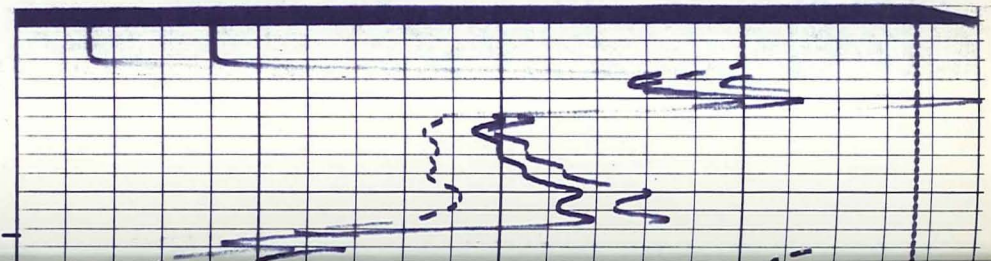
GAMMA RAY & CALIPER	DEPTH	BULK DENSITY GRAMS/CC
Company E.G. & G. IDAHO	Drillers T.D. 5917	
Well R.R.G.E. #3	Log F.R. 5931	
Field RAFT RIVER GEOTHERMAL	Log T.D. 5933	
County CASSIA	Elevations:	
State IDAHO	K.B. D.F. G.L. 4860	

6	HOLE SIZE - INCHES	16
0	API UNITS	150

30	POROSITY—%	0
2.0	GRAIN DENSITY—2.65 GM/CC	3.0
	FLUID DENSITY—1.00 GM/CC	
	500#/C.D.	
	Tension Curve	
	CORRECTION	
	- .5	+ .5

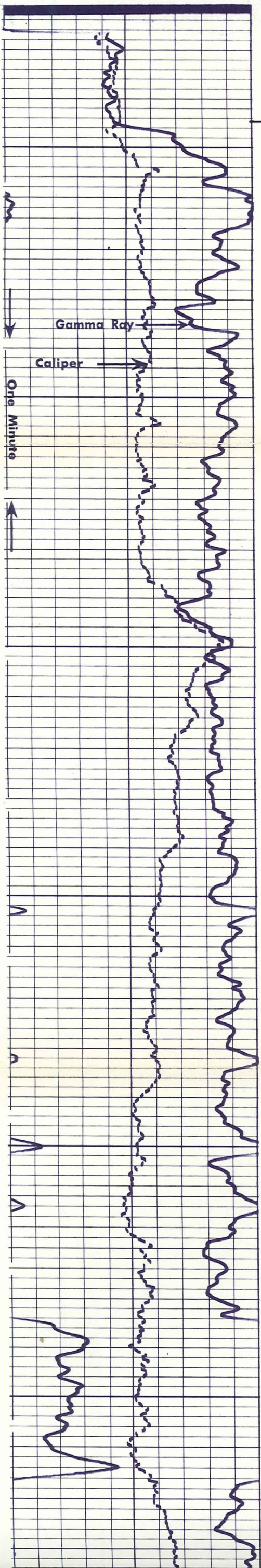


Casing



HOLE SIZE - INCHES  
 6 16

2.0 2.5 3.0  
 POROSITY—% ← 500#/C.D. Tension Curve  
 30 20 10 0  
 GRAIN DENSITY—2.65 GM/CC FLUID DENSITY—1.00 GM/CC

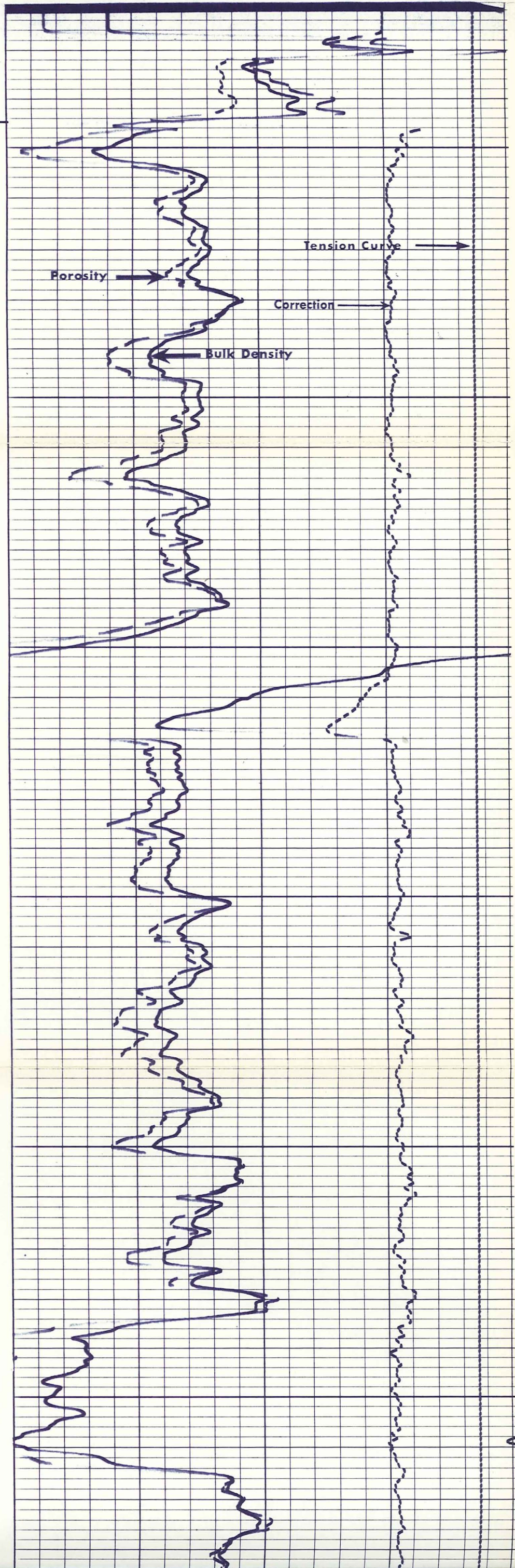


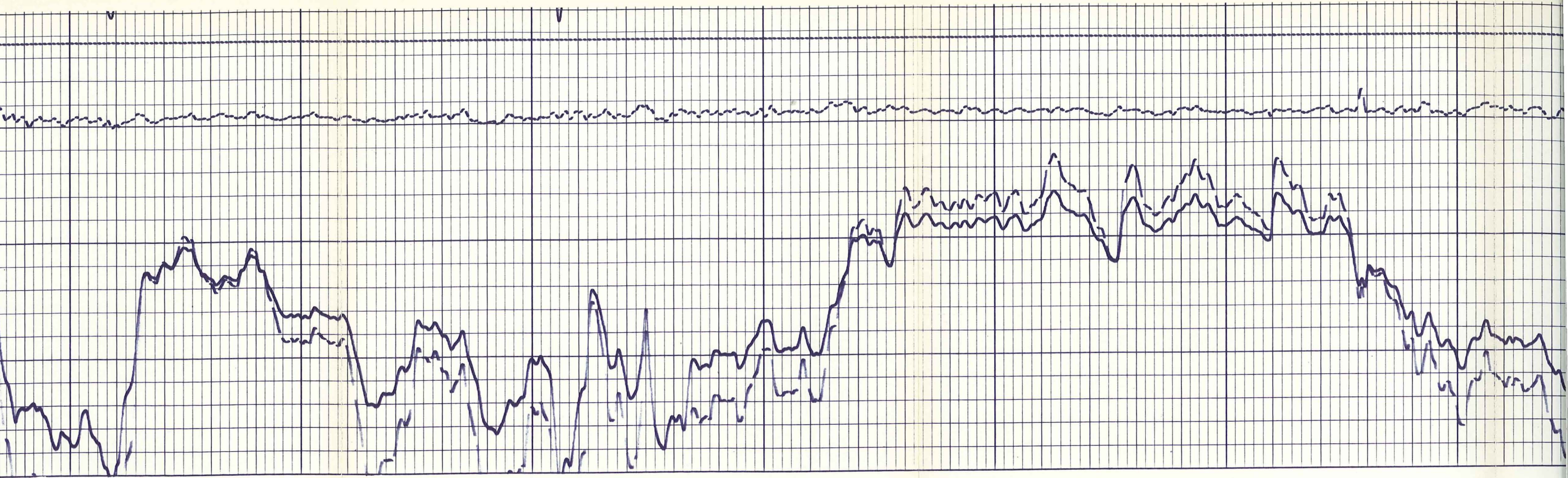
Casing

4300

4400

4500



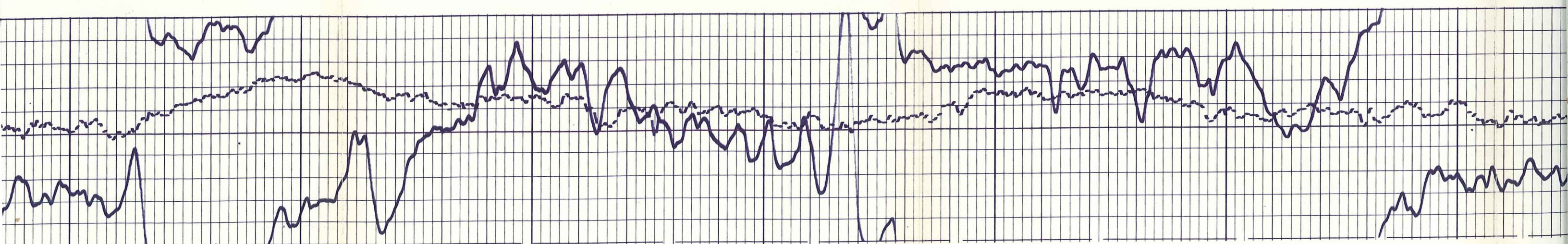


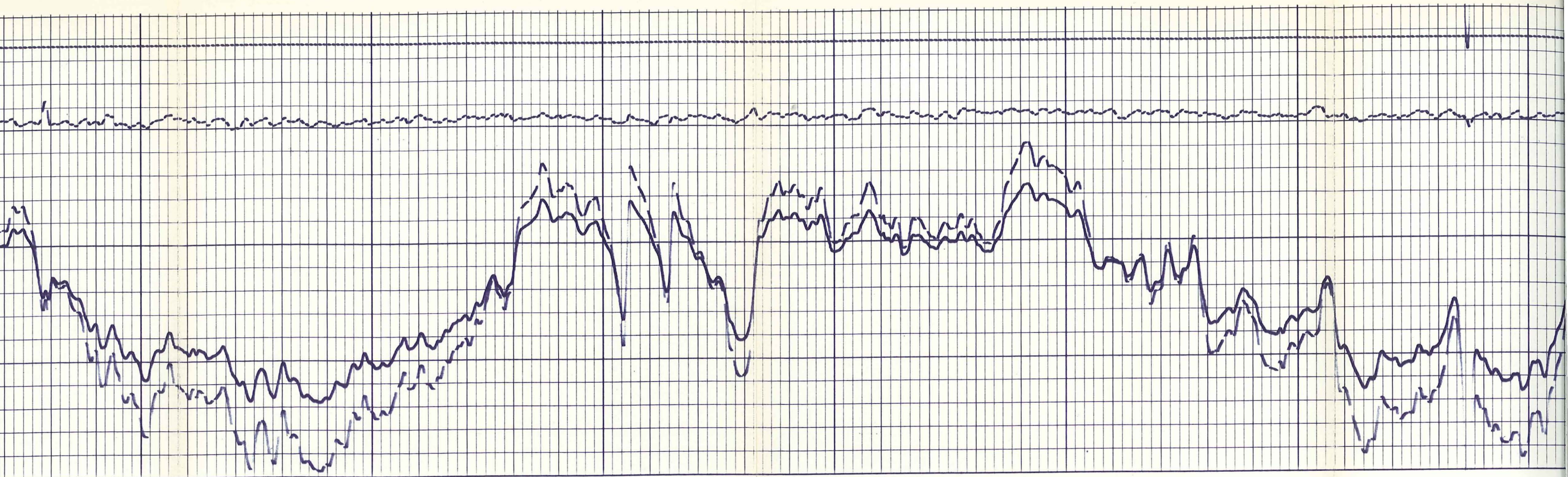
4500

4600

4700

4800



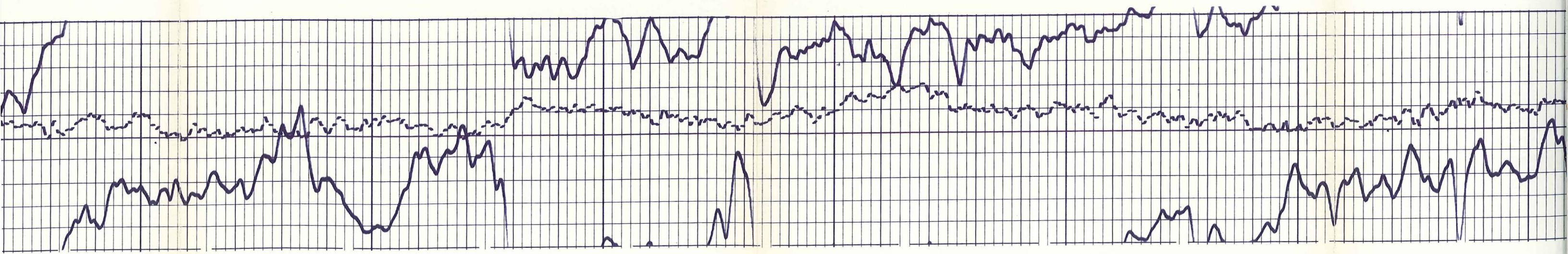


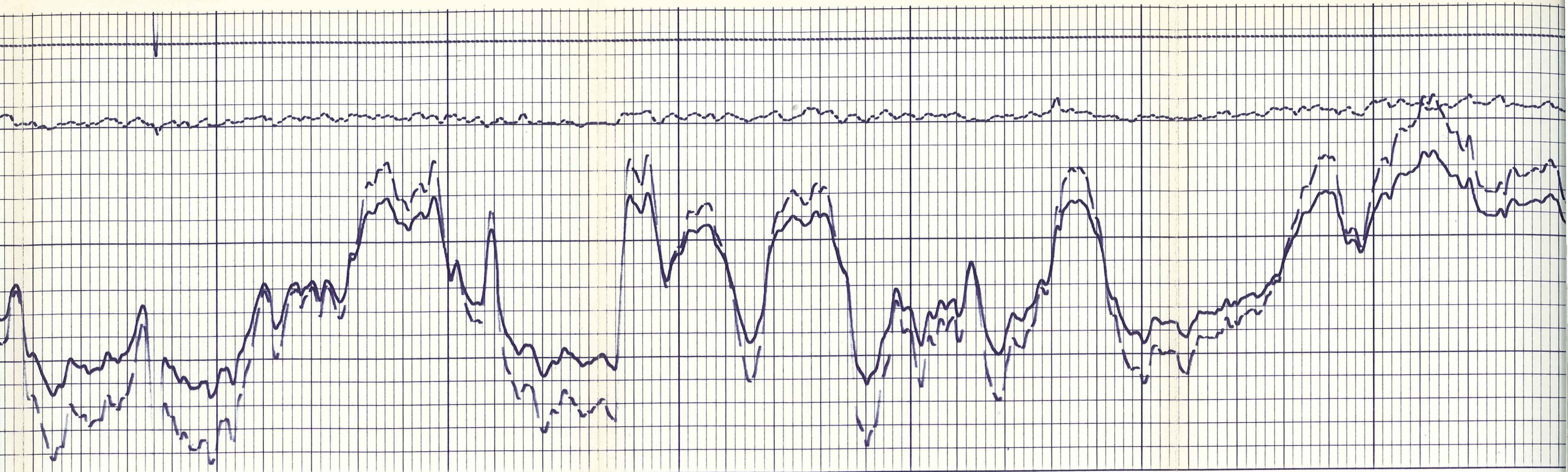
4800

4900

5000

5100





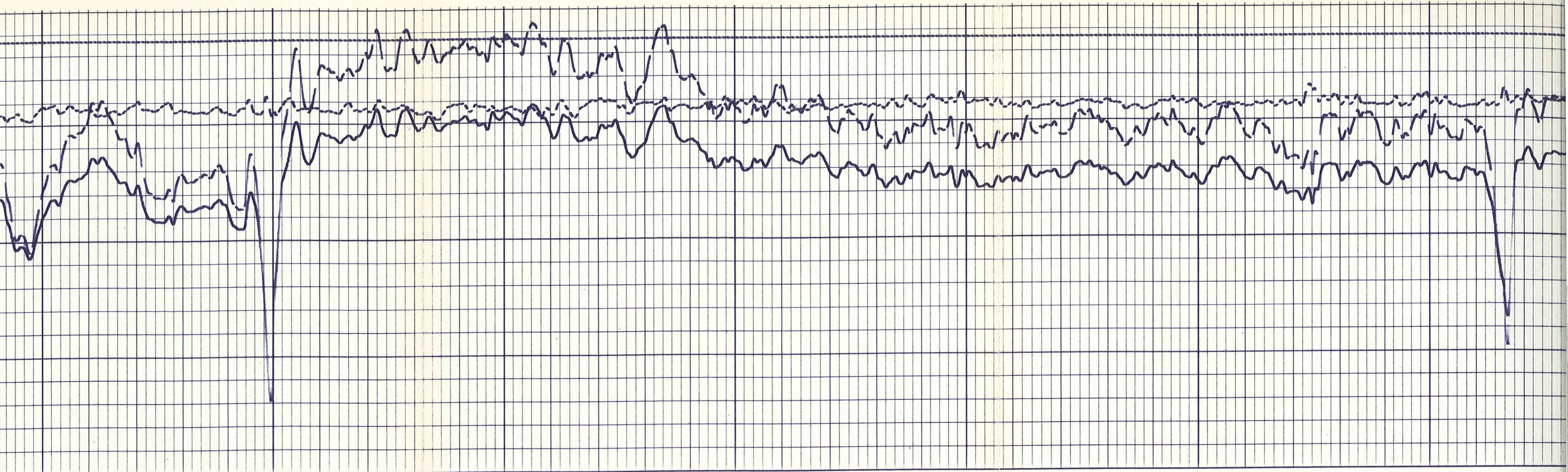
5100

5200

5300



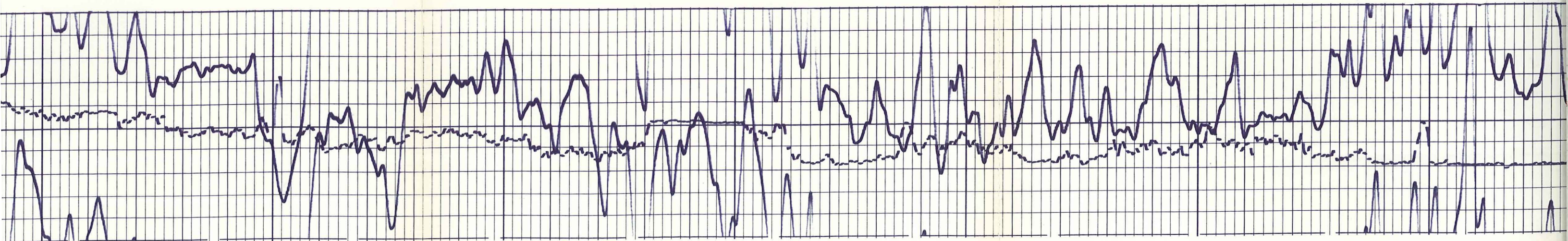


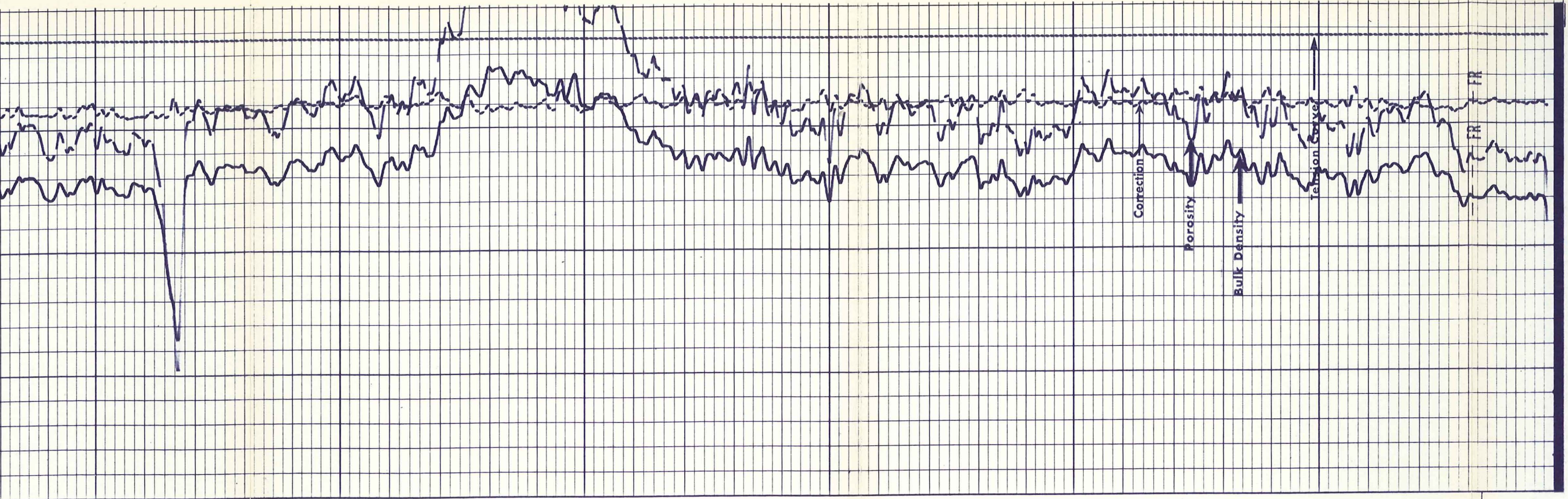


5400

5500

5600

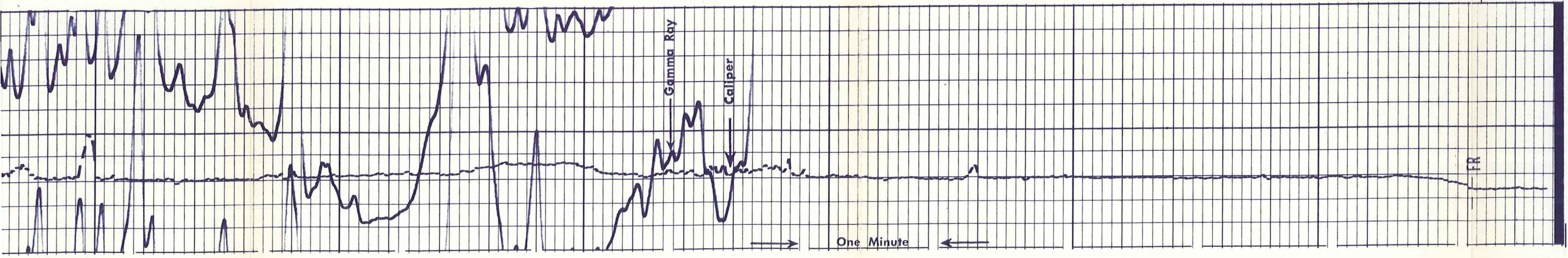


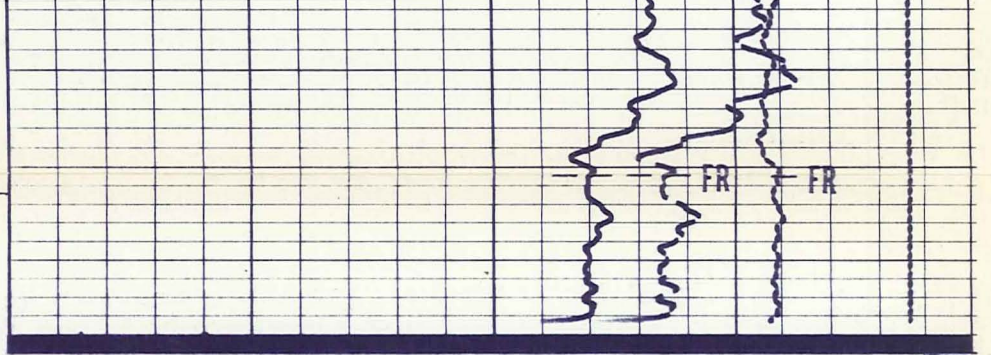
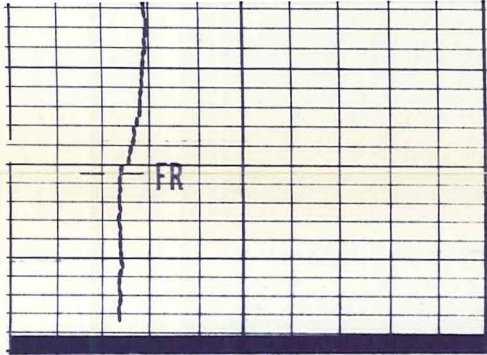


5700

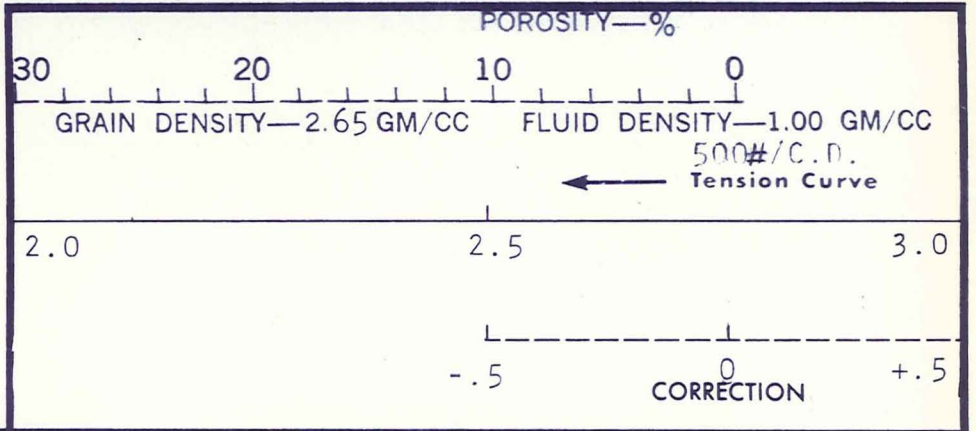
5800

5900



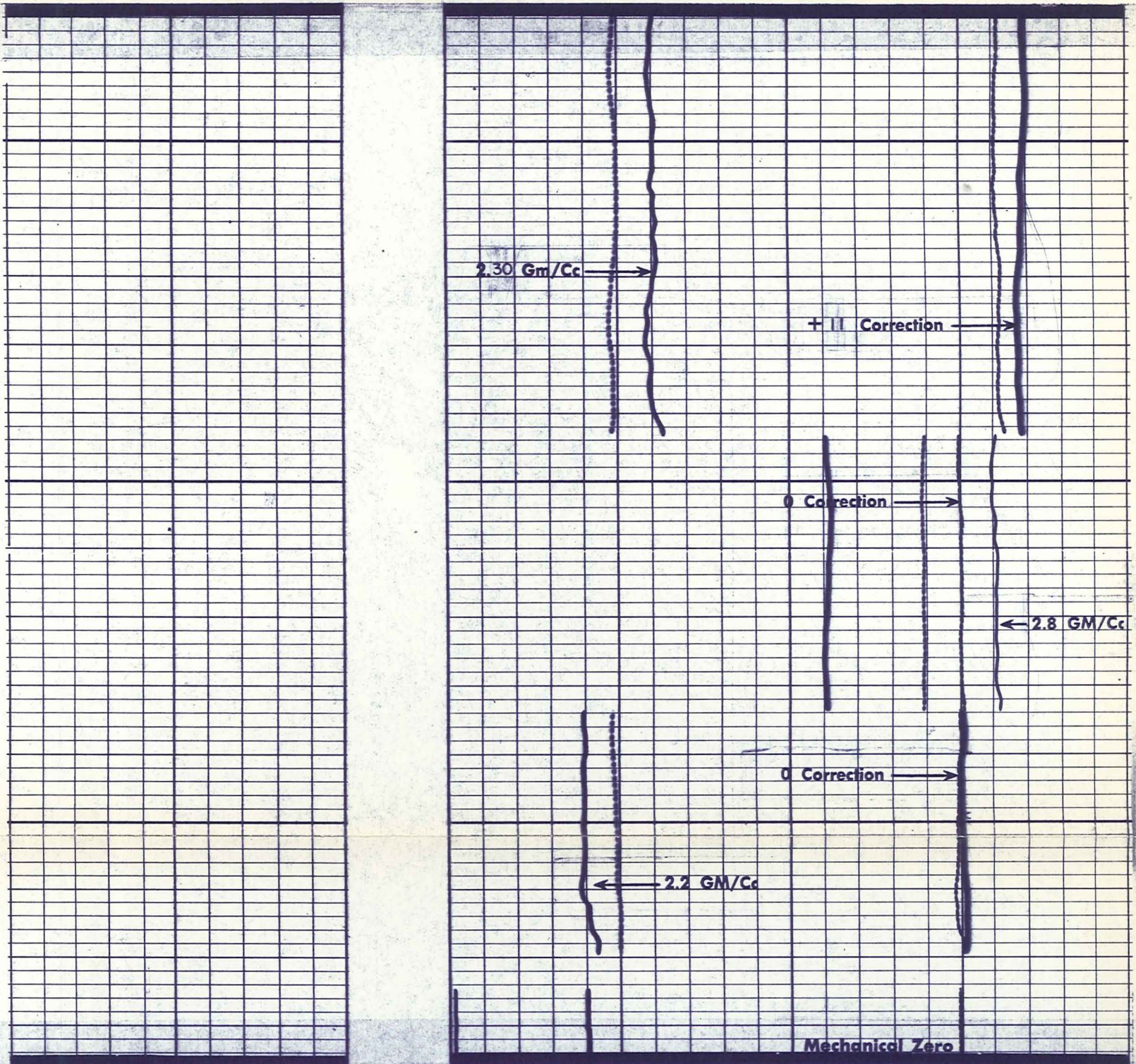


6	HOLE SIZE - INCHES	16
0	API UNITS	150

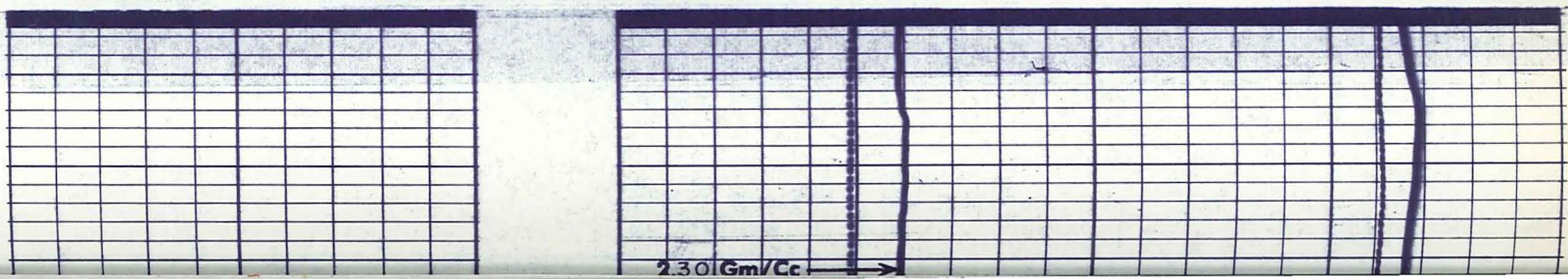


GAMMA RAY & CALIPER		DEPTH	BULK DENSITY GRAMS/CC		
Company	E.G. & G. IDAHO		Drillers T.D.	5917	
Well	R.R.G.E. #3		Log F.R.	5931	
Field	RAFT RIVER GEOTHERMAL		Log T.D.	5933	
County	CASSIA		Elevations:		
State	IDAHO		K.B.	D.F.	G.L. 4860

CALIBRATION — AFTER SURVEY

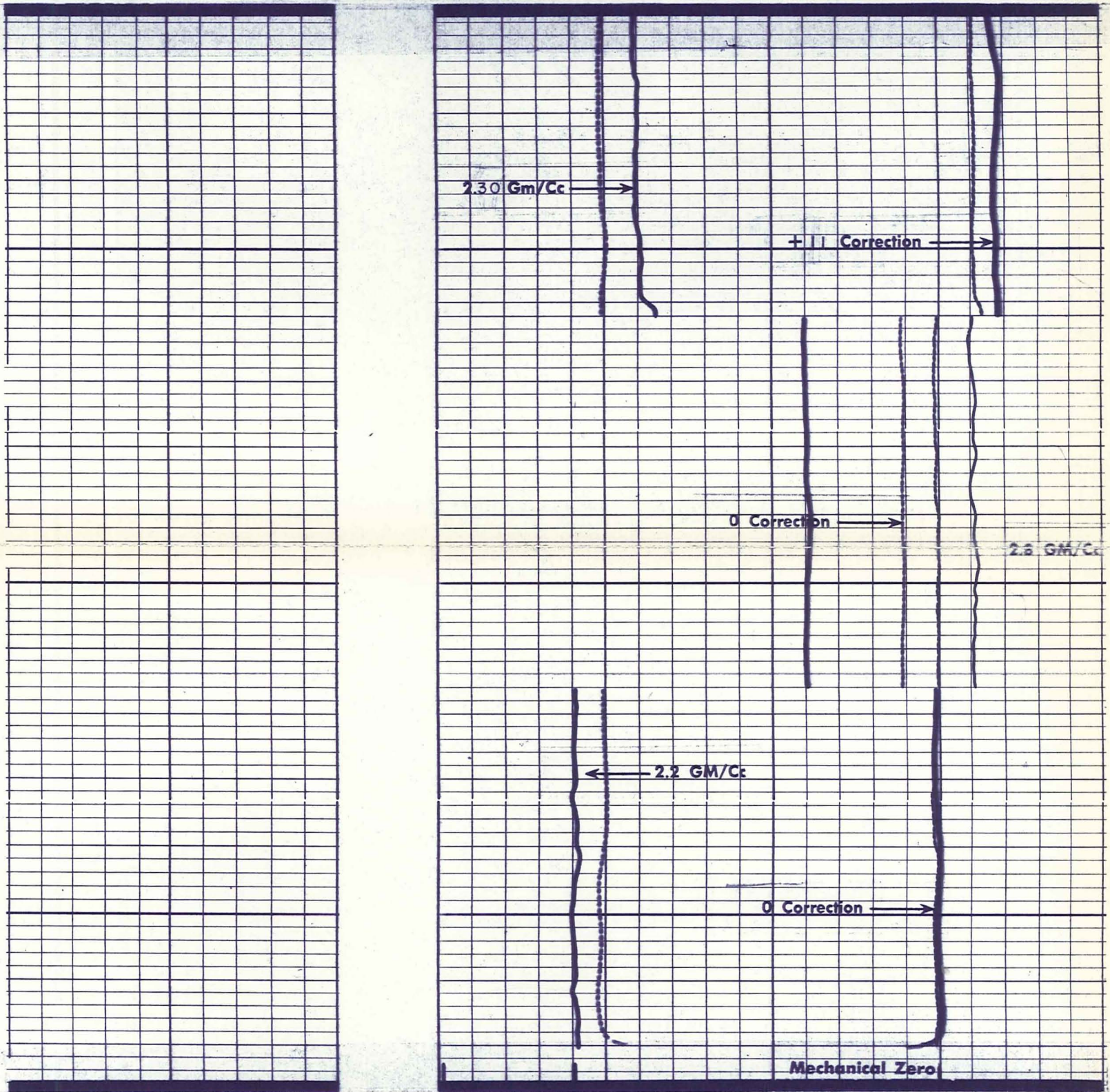


CALIBRATION—BEFORE SURVEY

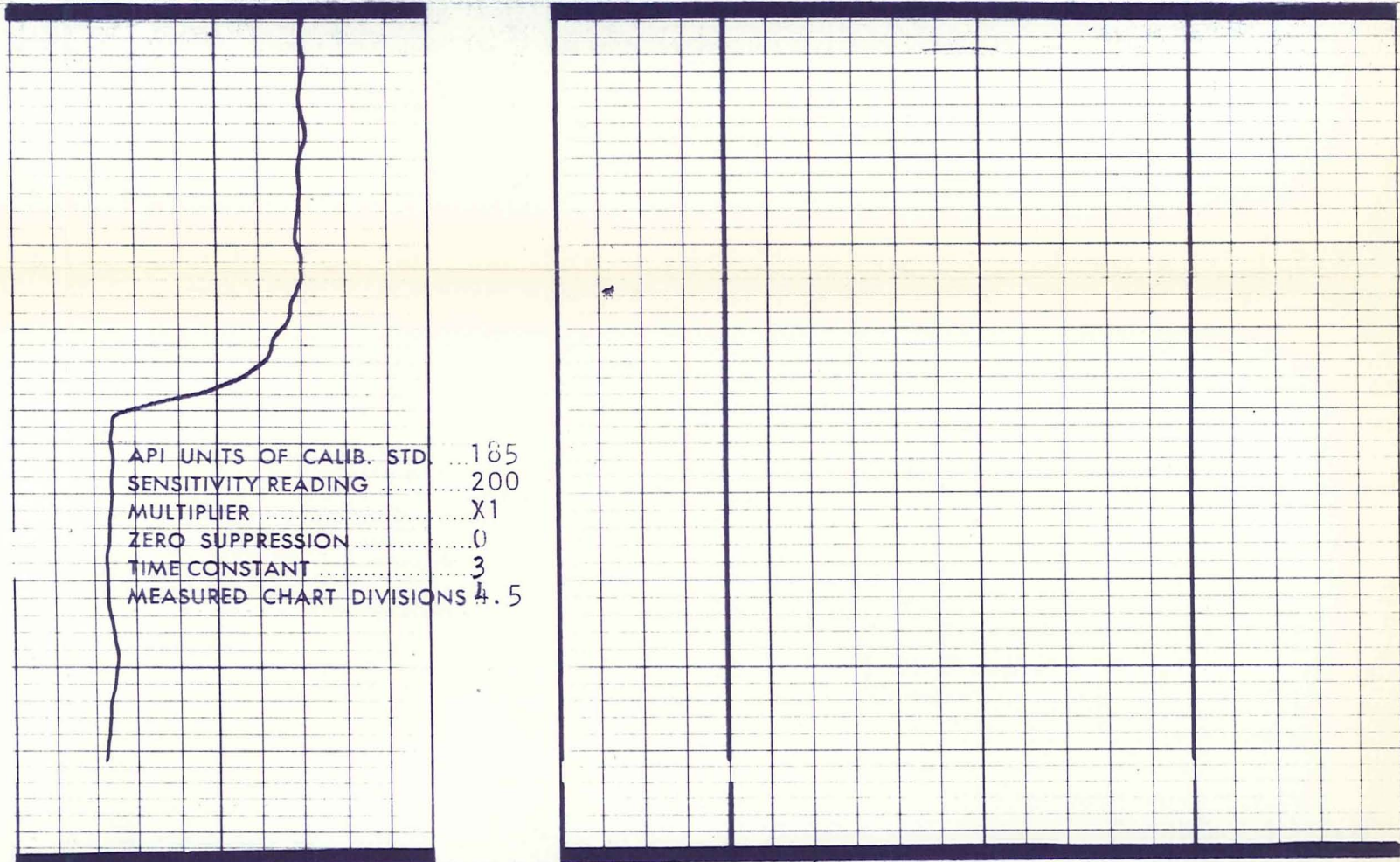


Mechanical Zero

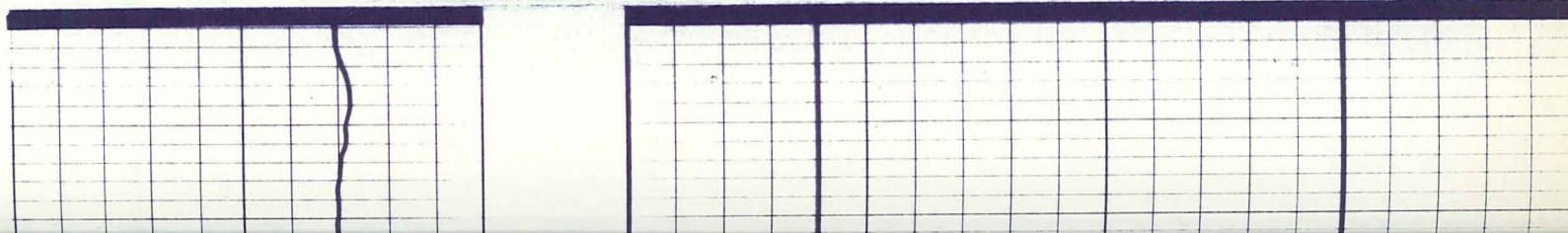
### CALIBRATION—BEFORE SURVEY

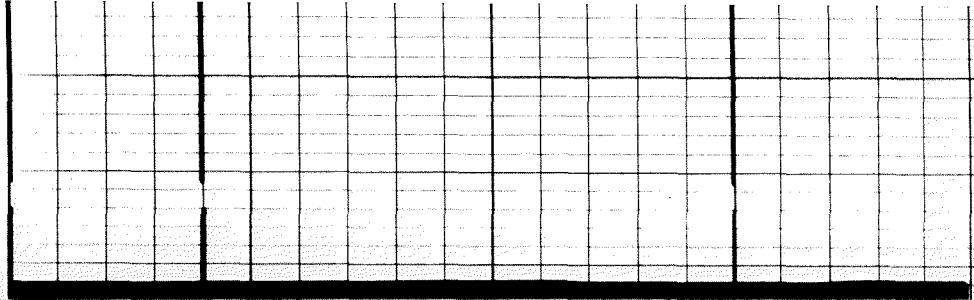
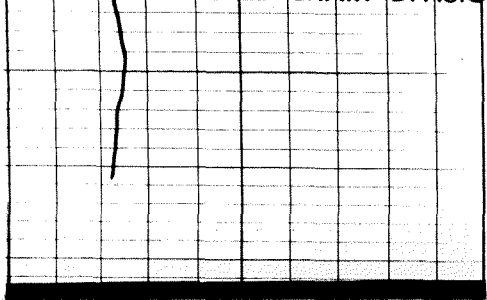


### G/R LOG CALIBRATION AFTER LOG

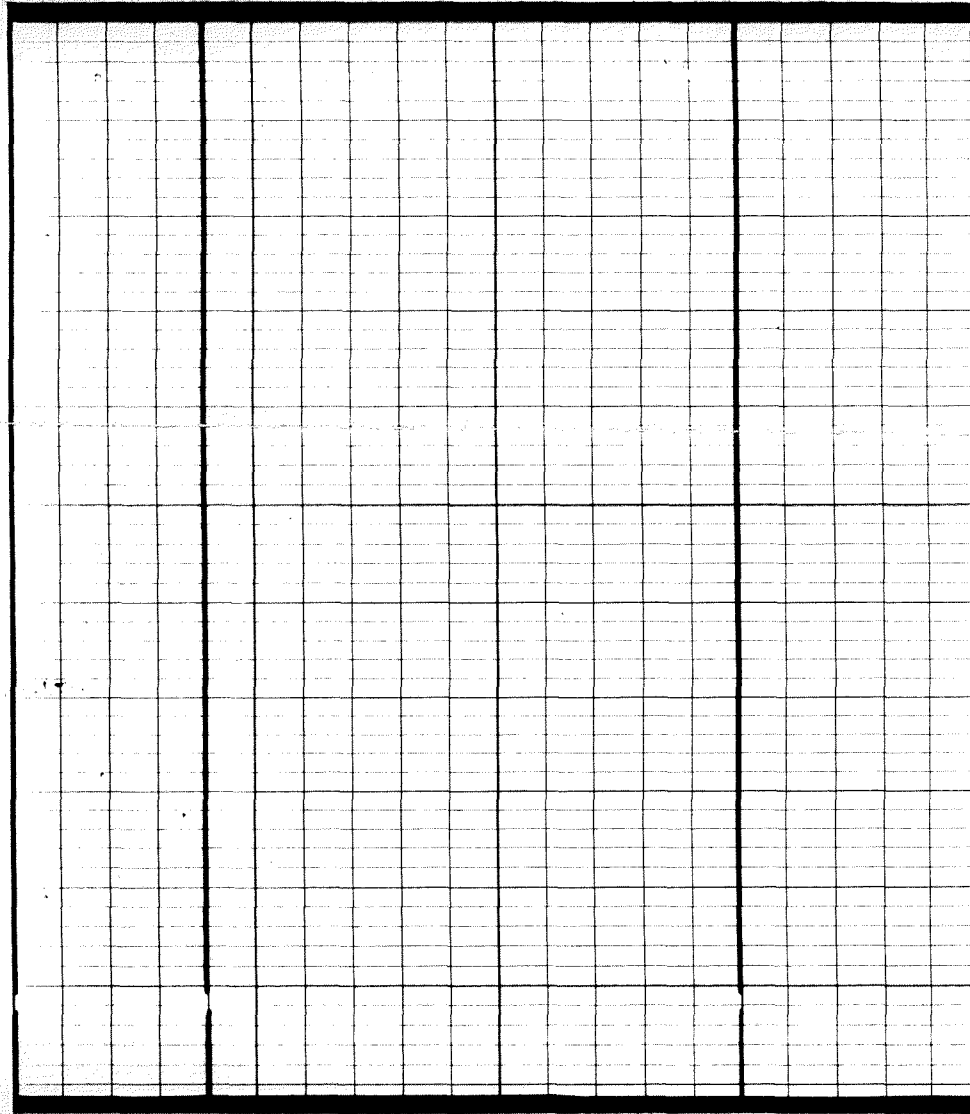
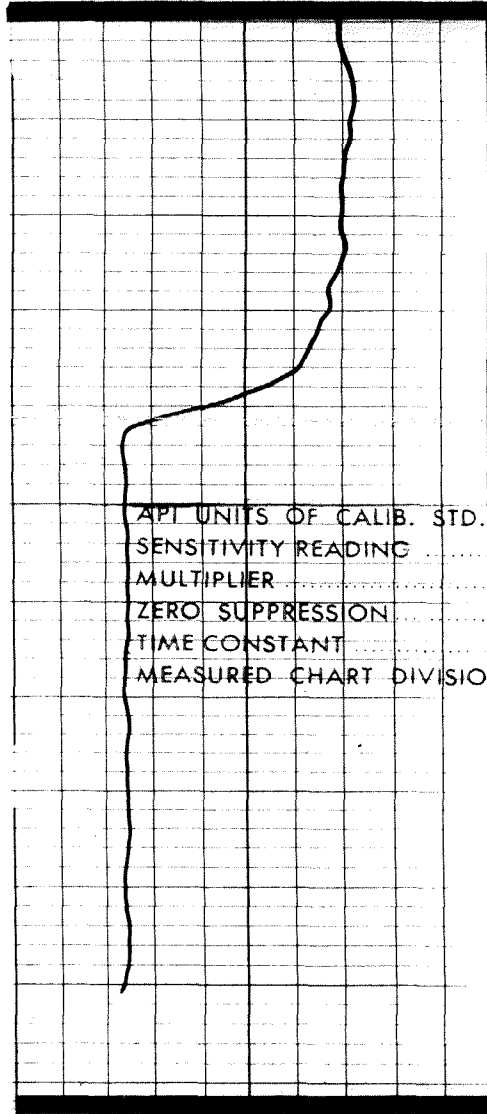


### G/R LOG CALIBRATION BEFORE LOG





G/R LOG CALIBRATION  
BEFORE LOG



API UNITS OF CALIB. STD.	185
SENSITIVITY READING .....	200
MULTIPLIER .....	X1
ZERO SUPPRESSION .....	0
TIME CONSTANT .....	3
MEASURED CHART DIVISIONS	4.5



FILE\_CAB\_15\_DRAWER\_2