



Compensated Neutron

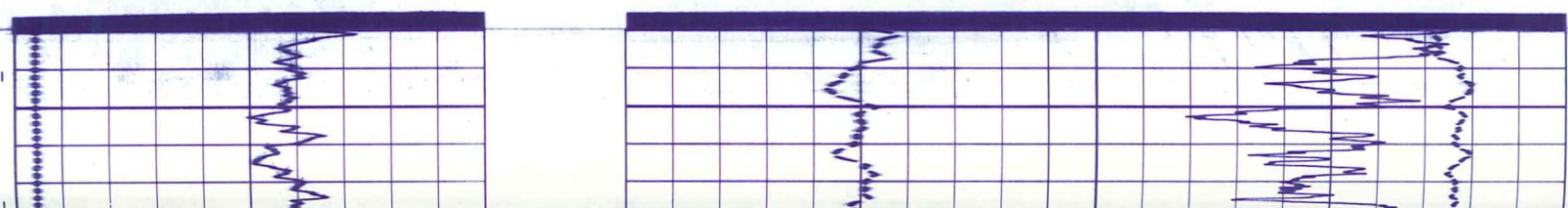
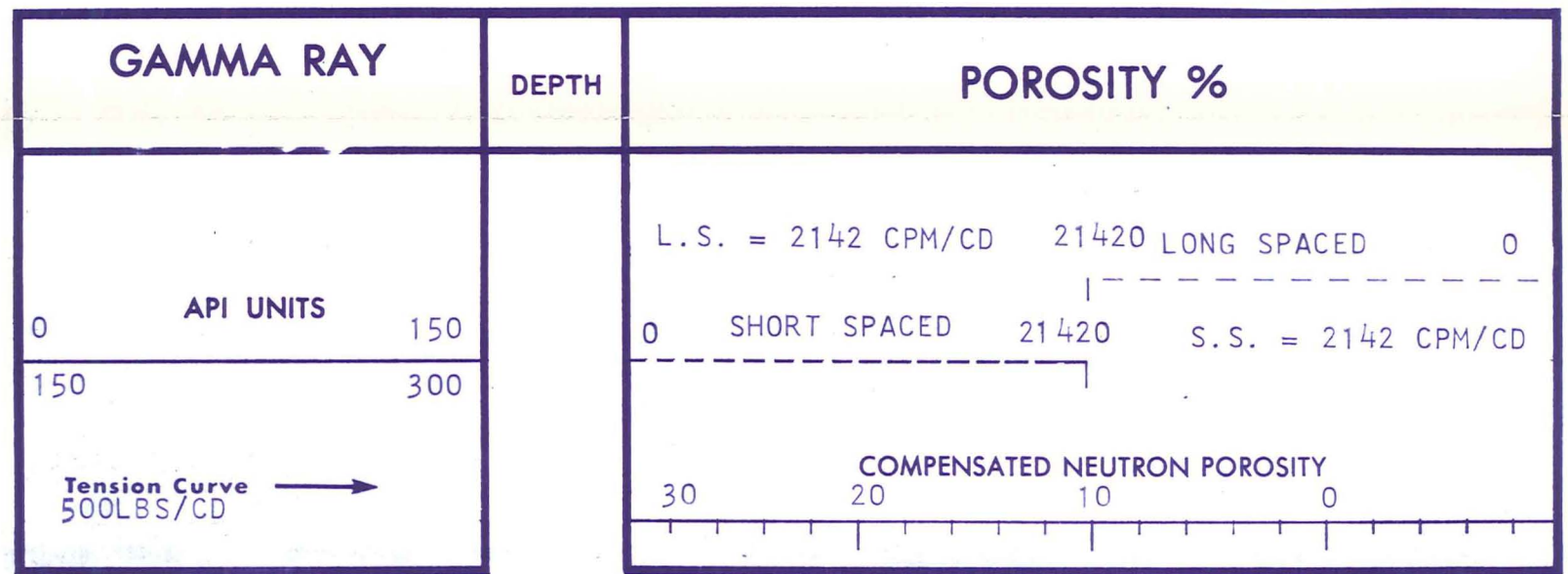
FILE NO. 512	COMPANY E. G. & G. IDAHO INC.	WELL RRG1-6	FIELD RAFT RIVER GEOTHERMAL	COUNTY CASSIA	STATE IDAHO
GL02643					
Permanent Datum G.L. _____ Elev. 4860		Log Measured from G.L. _____, 0 Ft. Above Permanent Datum		Drilling Measured from G.L. _____	
Date 4/16/78		Run No. ONE		Type Log CNLOG	
Depth-Driller 2030		Depth-Logger 2022		Bottom Logged Interval 2017	
Top Logged Interval 100		Type Fluid in Hole FLOCCULATED GEL		Salinity Ppm Cl. _____	
Density Lb./Gal. 9.8		Level FULL		Max. Rec. Temp. Deg. F 135	
Opr. Rig Time 2 HRS		Equip. No. and Location HL 6159 RSVT		Recorded By PERESSINI	
Witnessed By STOKER		Borehole Record		Casing Record	
Run No. 1	Bit 17 1/2	From 2022	To 112	Size 20 1/2	Wgt. 0
					From 0
					To 112

FOLD HERE *BE*

Remarks:	Equipment Used			
	Series No.	2413	1306	
	Run No.	ONE	ONE	
	S.O.	87777	87777	
	Tool No.	29901	29719	
	Panel No.	37004	34481	

Gamma Ray		Equipment Data		Compensated Neutron	
Run No.	ONE	Run No.	ONE	Run No.	ONE
Tool Model No.	1306	Log Type	CNLOG	Tool Model No.	2413
Diam.	3 5/8"	Serial No.	29901	Diam.	3 5/8"
Detect. Model No.	D6G4	Detect. Model SS	D6N3	Detect. Model LS	D6N3
Type	SCINT.	Source Model No.	S17S20		
Length	6"	Serial No.	30431		
Dist. to N. Source	5'	Type	HE3		

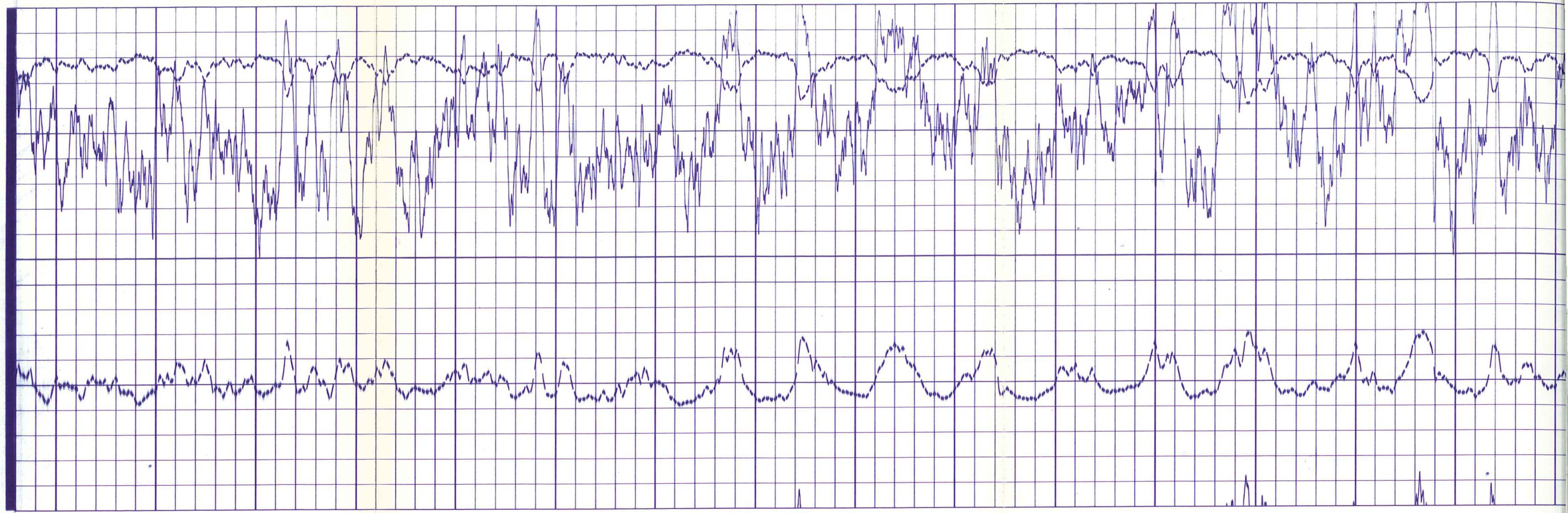
Logging Data													
Run No.	General		Speed Ft./Min.	Compensated Neutron				Gamma Ray				API G.R. Units/Div.	
	Depths			T.C.		Sens.		Porosity		T.C. Sec.	Sens. Settings		Zero Div. L or R
1	From	To	SS	LS	SS	LS	Zero	Units/Div.	Scale	2	678	0	15
	2017	100	2	2	145	140	R-15	2	0-30				



21420
S.S. E 2142 CPM/CD

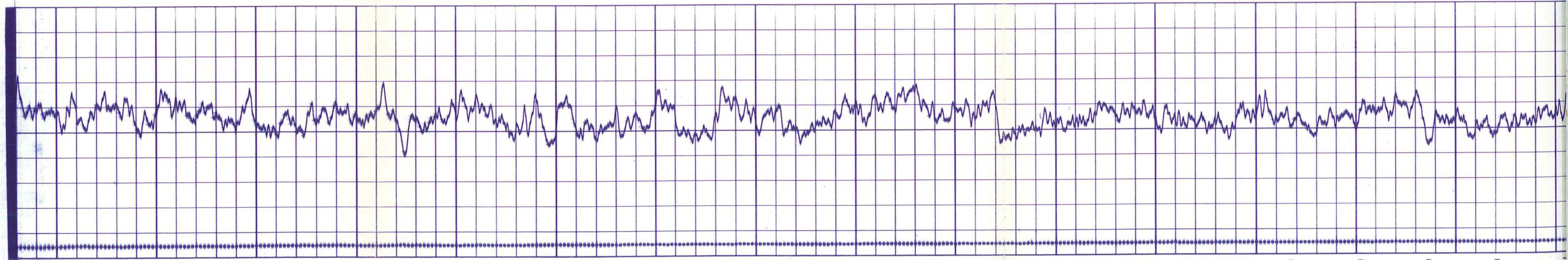
COMPENSATED NEUTRON POROSITY

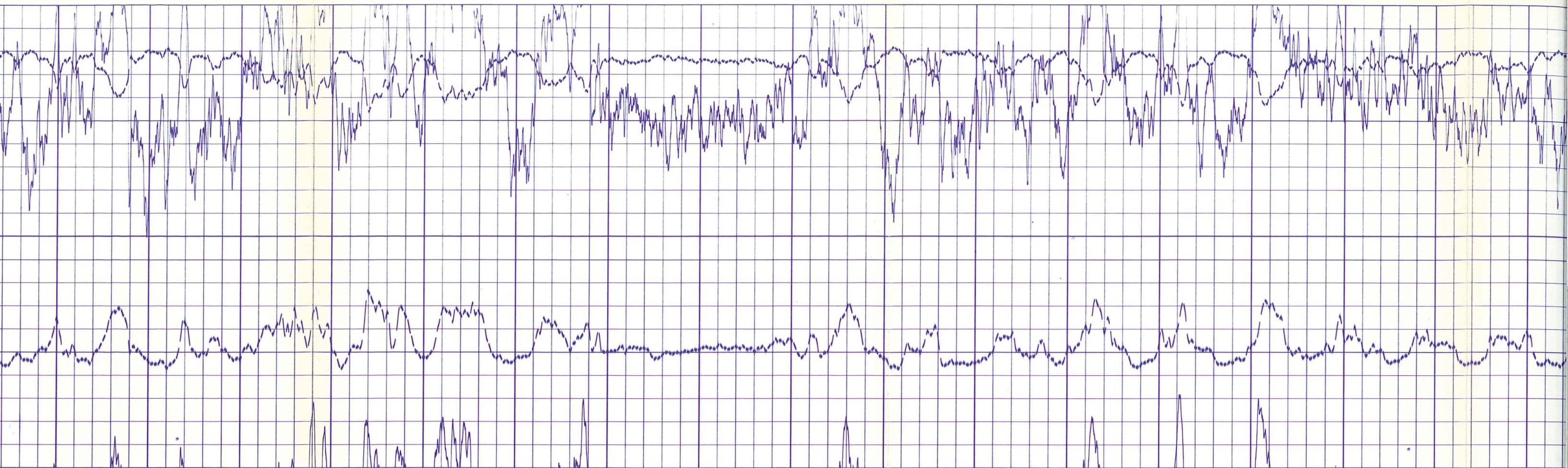
0
10
20
30



150
300

Tension Curve
500LBS/CD





0800

0900

1000

1100

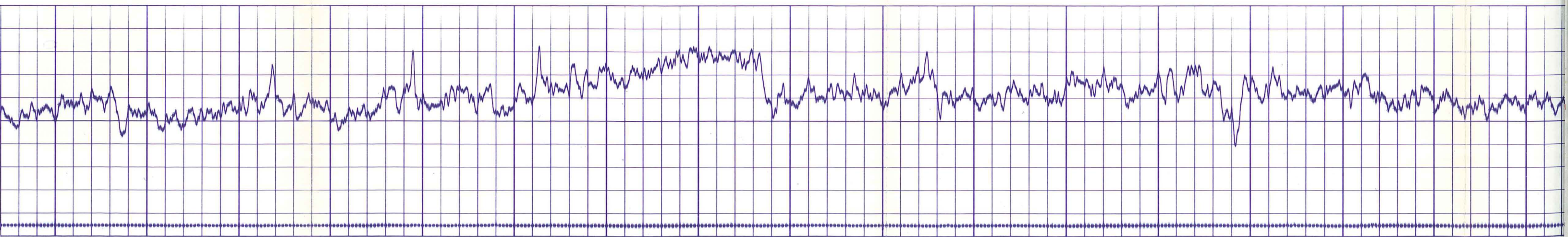
1200

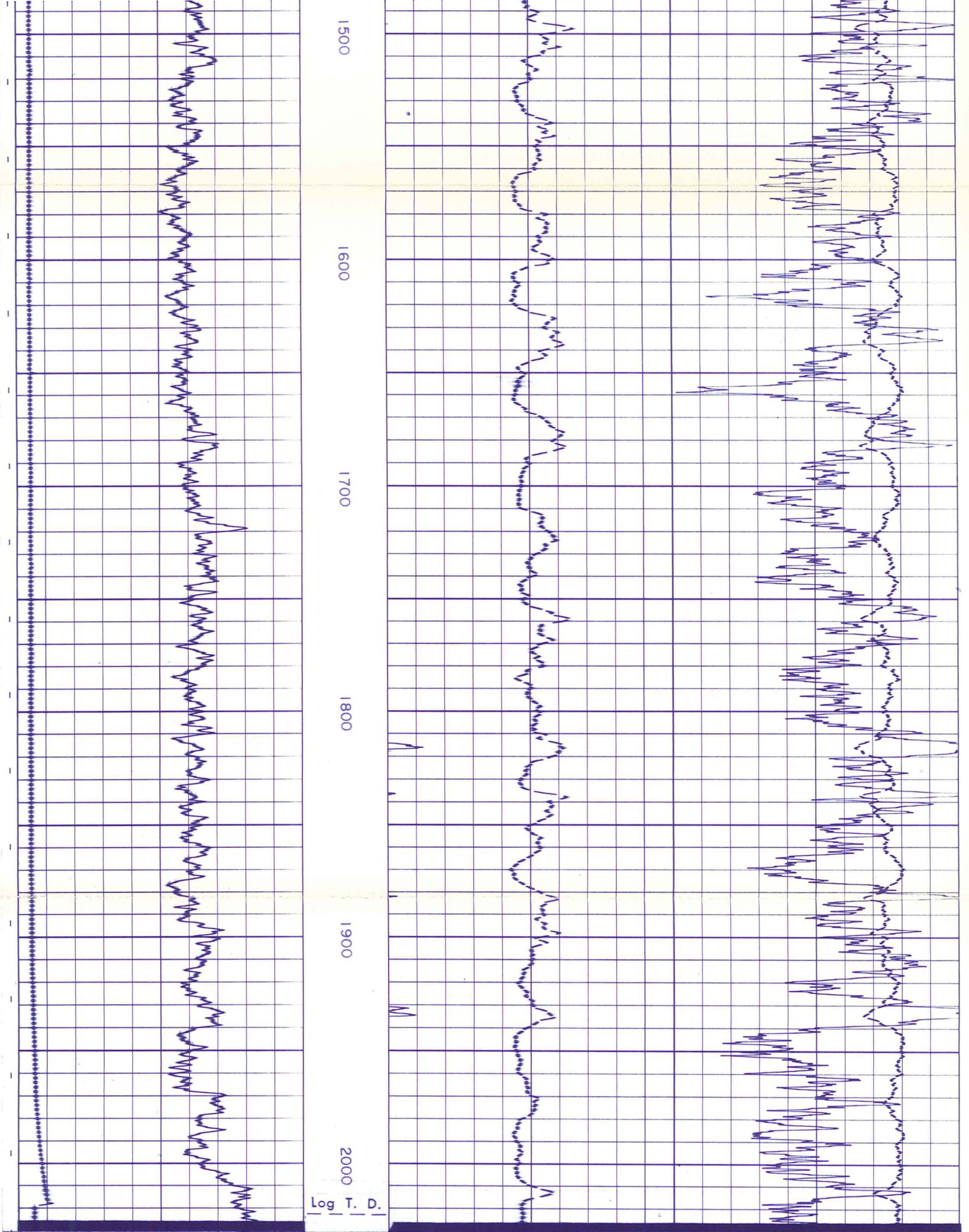
1300

1400

1500

1600





Tension Curve →	
500LBS/CD	
150	300
0	150
API UNITS	

30	20	10	0
COMPENSATED NEUTRON POROSITY			
0	SHORT SPACED	21420	S.S. = 2142 CPM/CD

L.S. = 2142 CPM/CD	21420	LONG SPACED	0

GAMMA RAY	DEPTH	POROSITY %
Company	E. G. & G. IDAHO INC.	Drillers T.D. 2030
Well	RRGI-6	Log F.R. 2017
Field	RAFT RIVER GEOTHERMAL	Log T.D. 2022
County	CASSIA	Elevations:
State	IDAHO	K.B. 4876 D.F. 4875 G.L. 4860

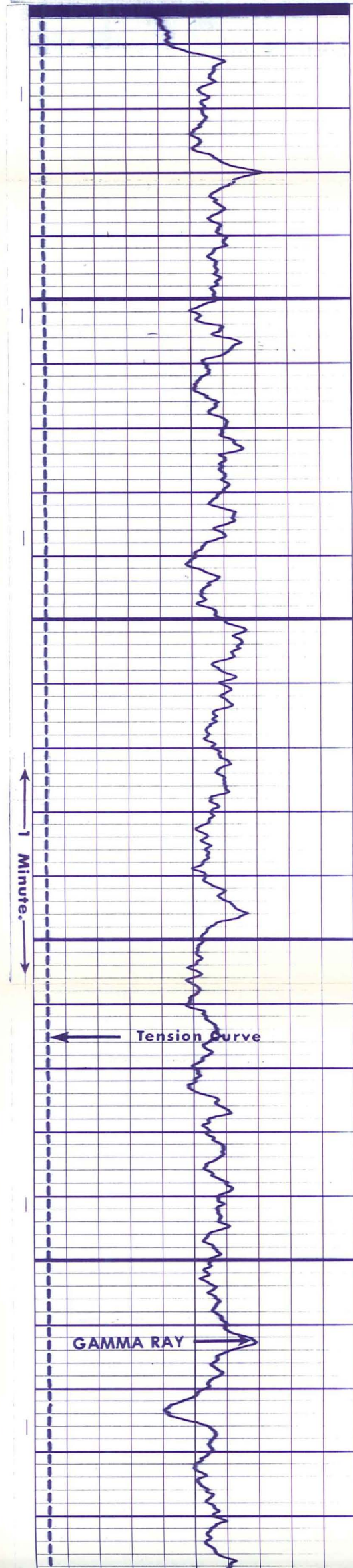
GAMMA RAY	DEPTH	POROSITY %
		L.S. = 2142 CPM/CD 21420 LONG SPACED 0

FORM 92250 A

Well RRG1-6
 Field RAFT RIVER GEOTHERMAL
 County CASSIA
 State IDAHO

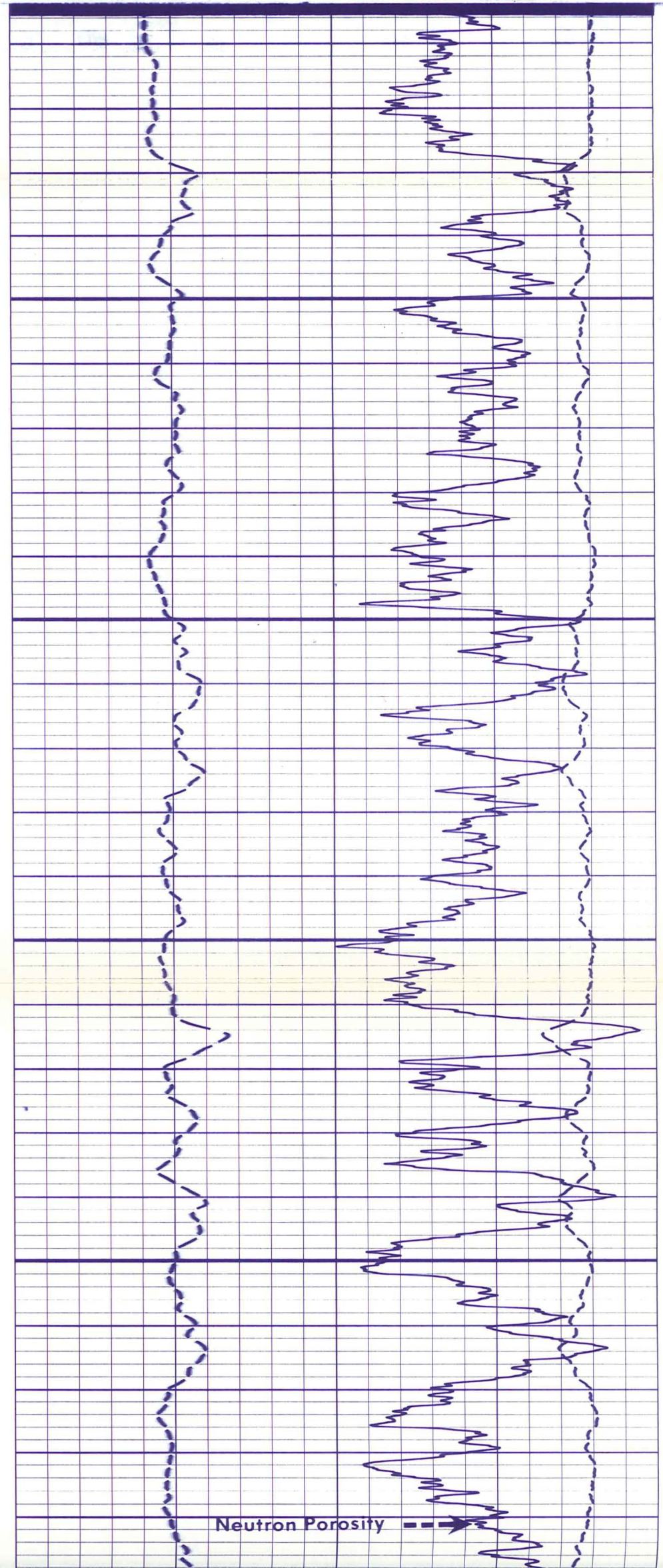
Log F.R. 2017
 Log T.D. 2022
 Elevations:
 K.B. 4876 D.F. 4875 G.L. 4860

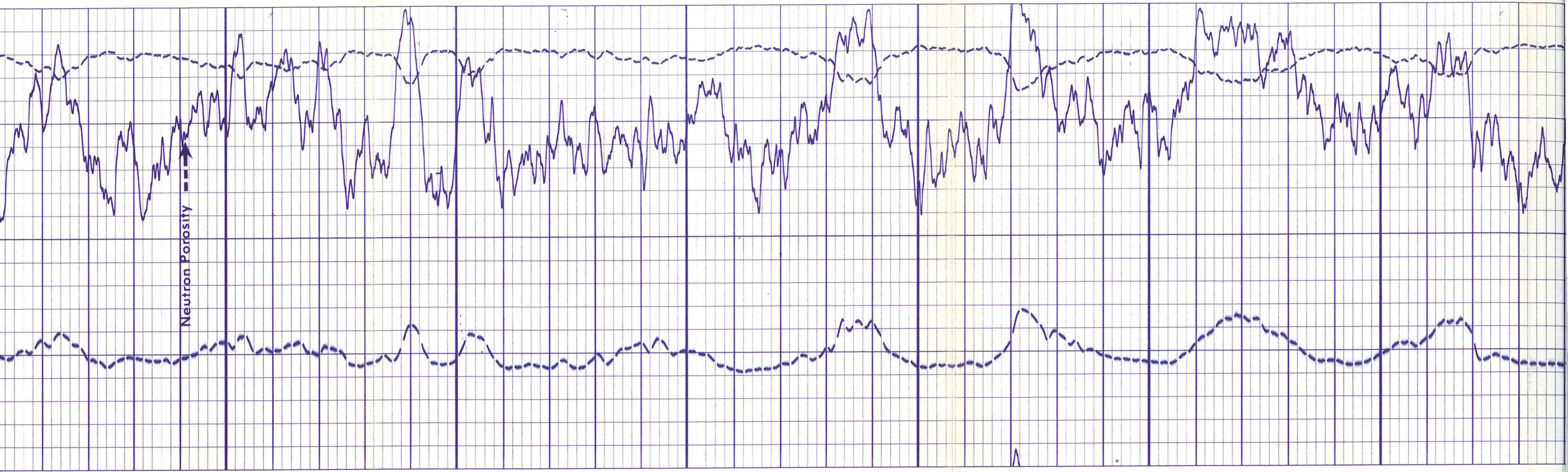
GAMMA RAY		DEPTH	POROSITY %	
API UNITS			L.S. = 2142 CPM/CD	LONG SPACED 0
0	150		0 SHORT SPACED 21420	S.S. = 2142 CPM/CD
150	300		COMPENSATED NEUTRON POROSITY	
Tension Curve → 500LBS/CD			30	20 10 0

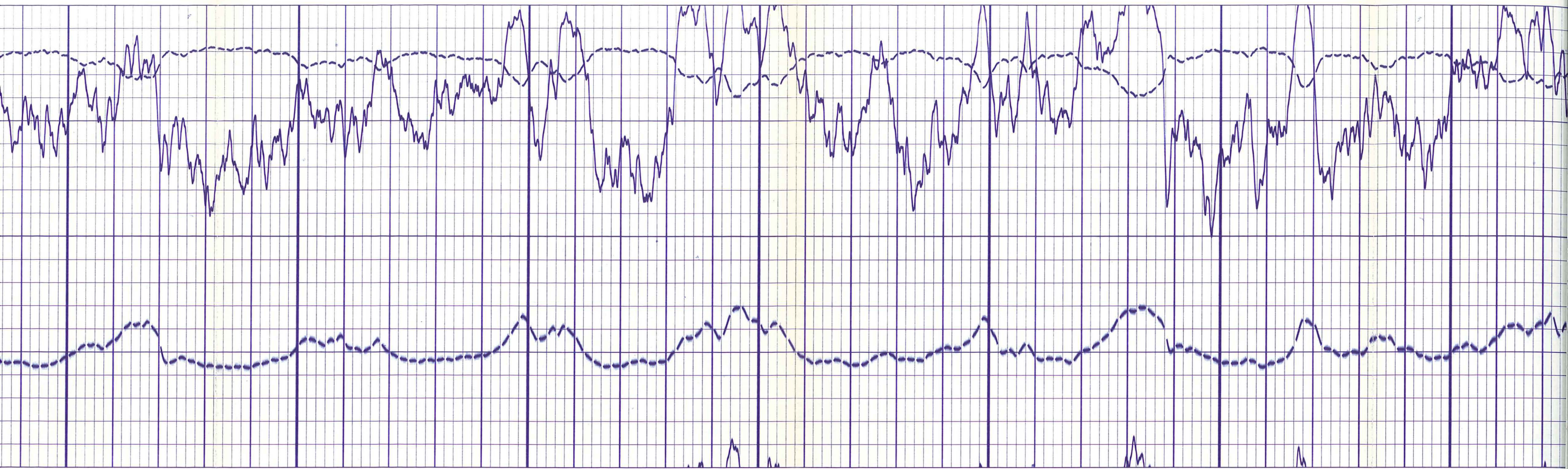


0200

0300





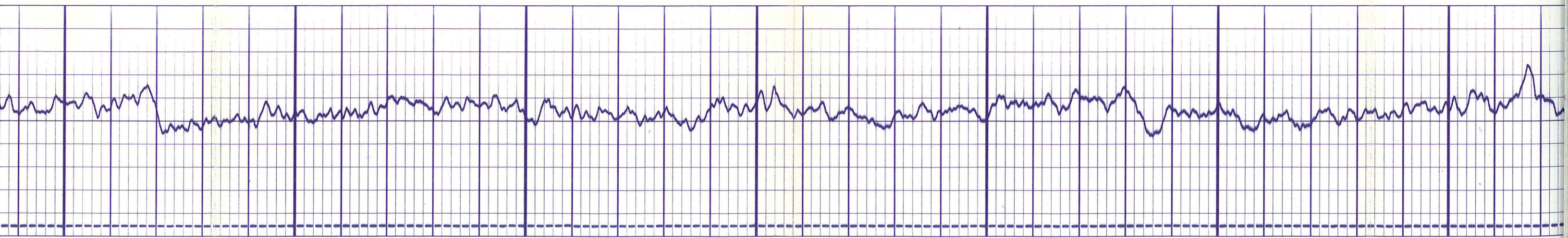


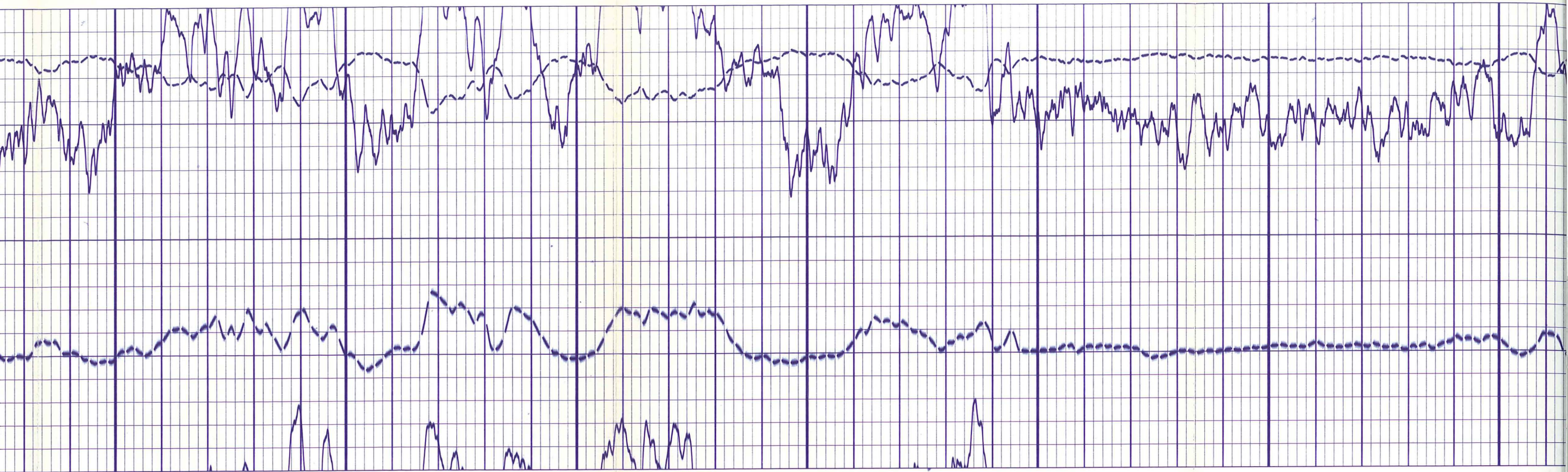
0600

0700

0800

0900



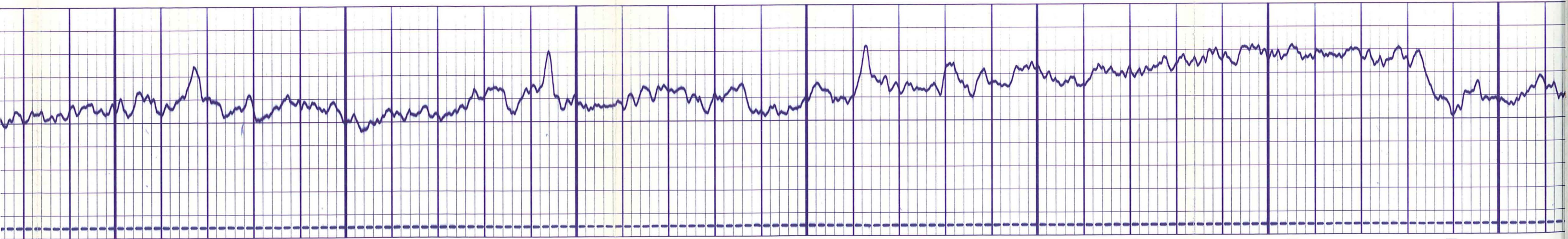


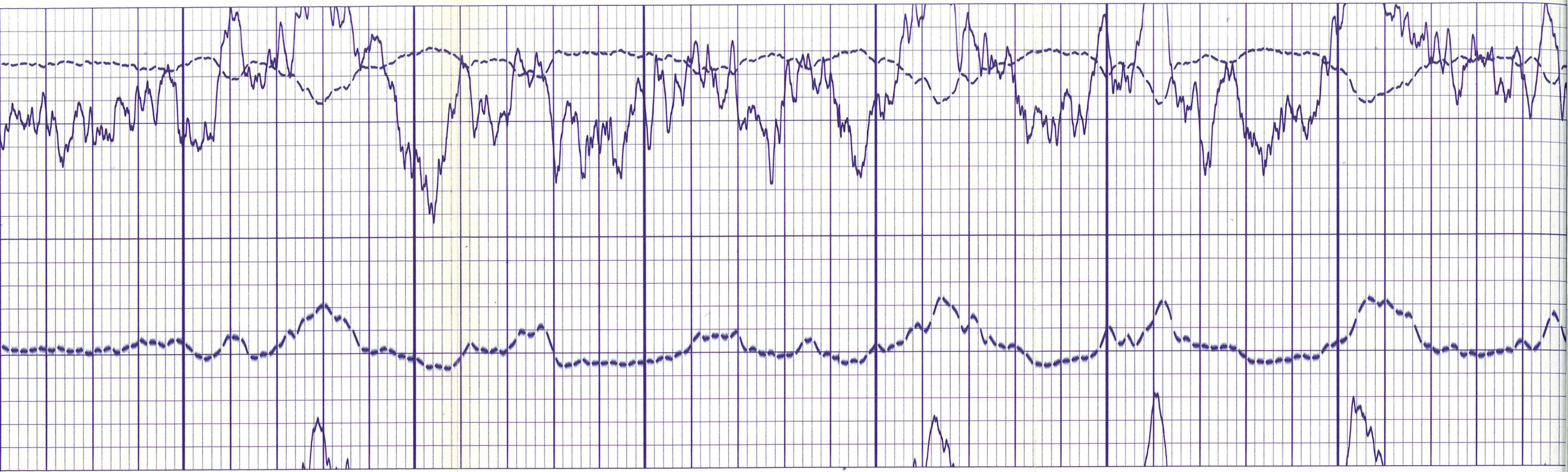
0900

1000

1100

1200



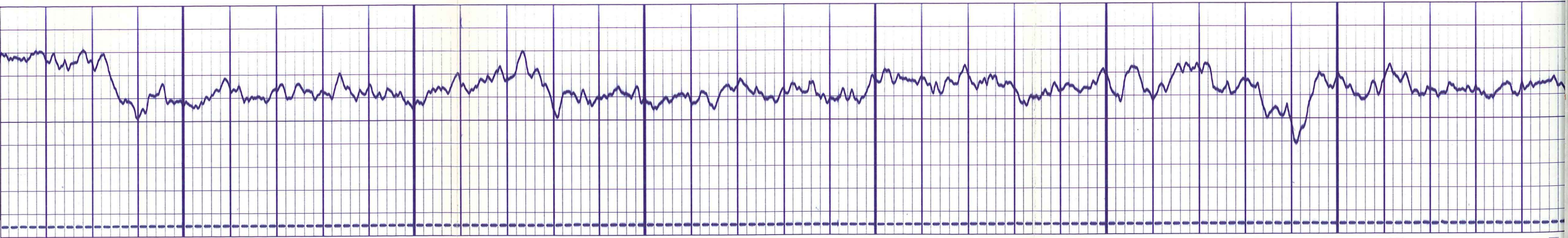


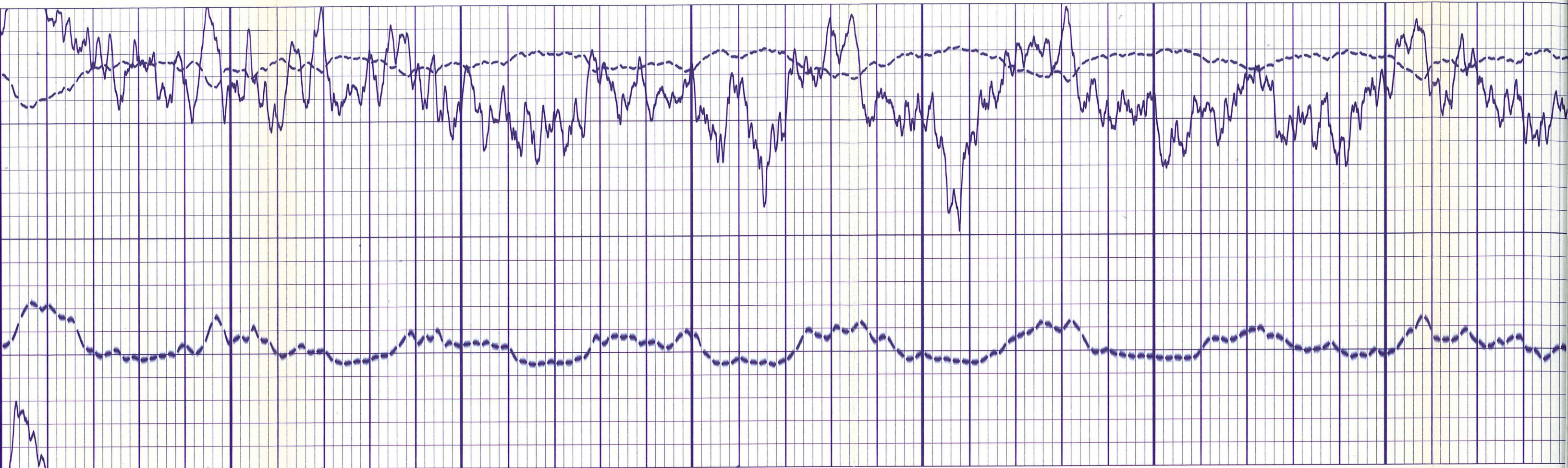
1200

1300

1400

1500

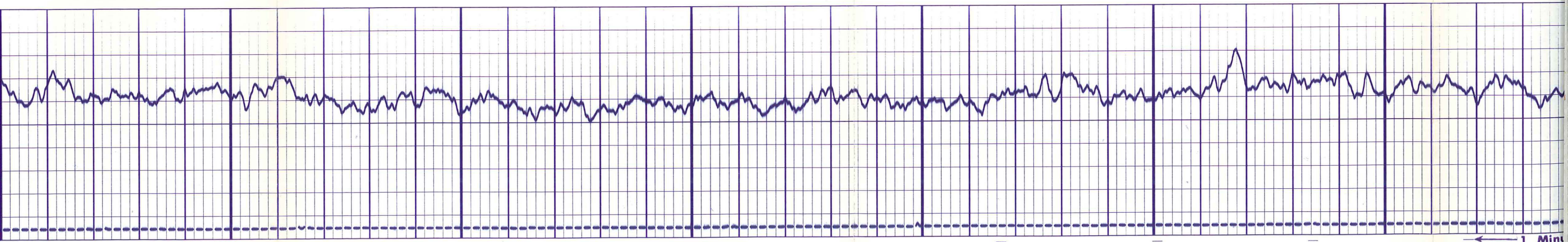




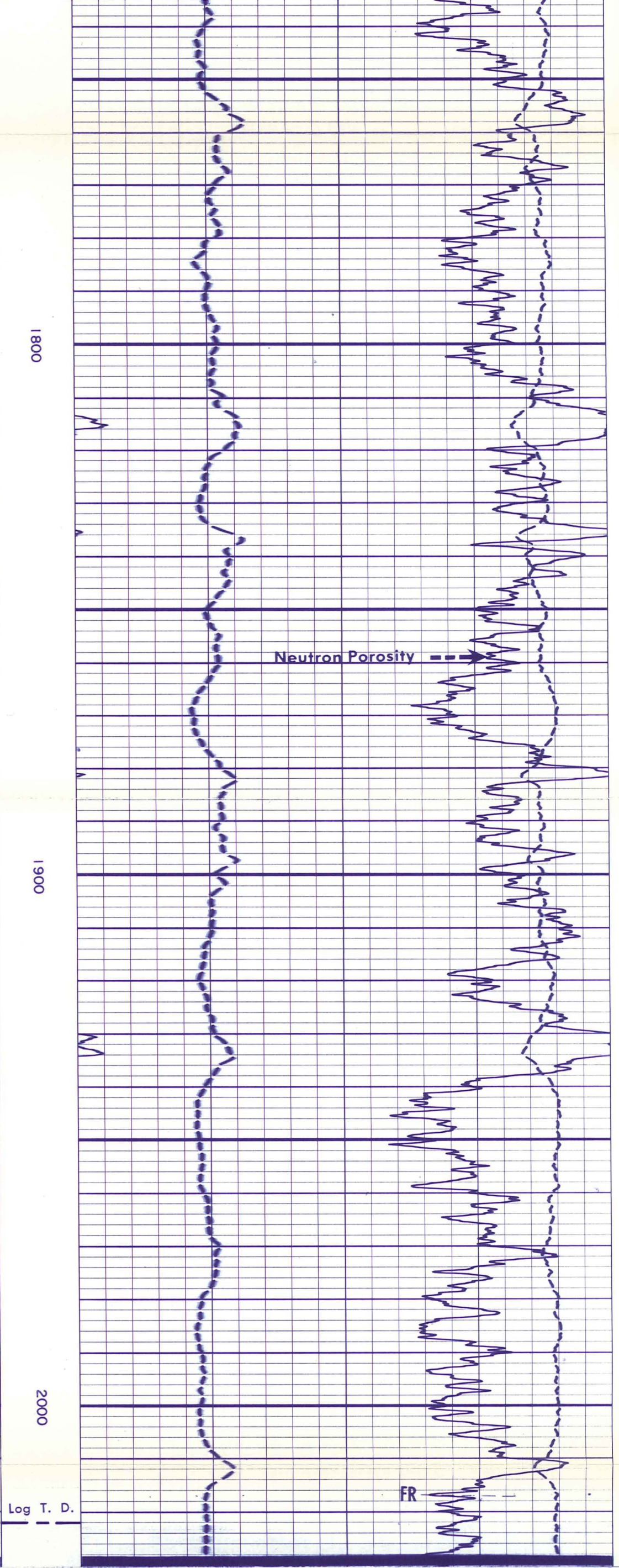
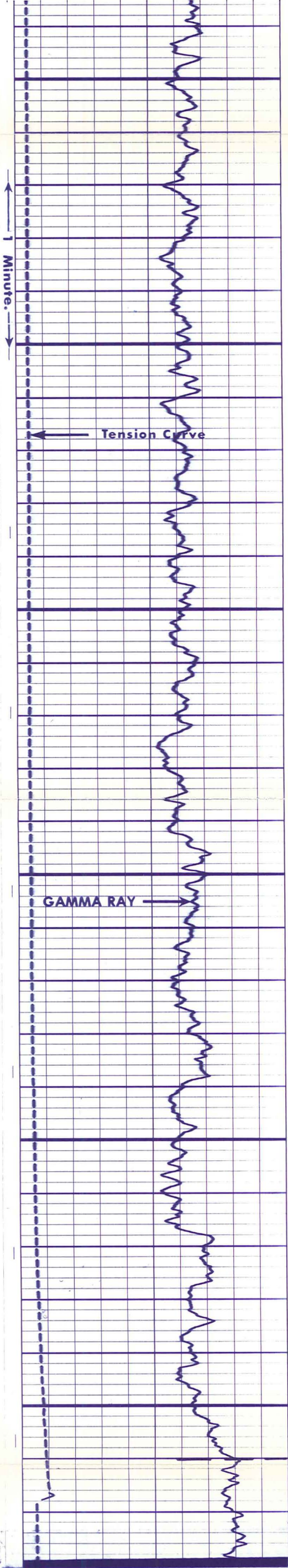
1500

1600

1700



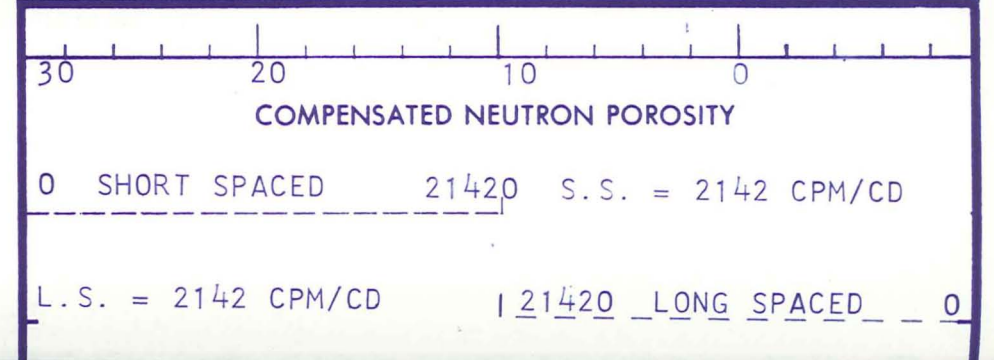
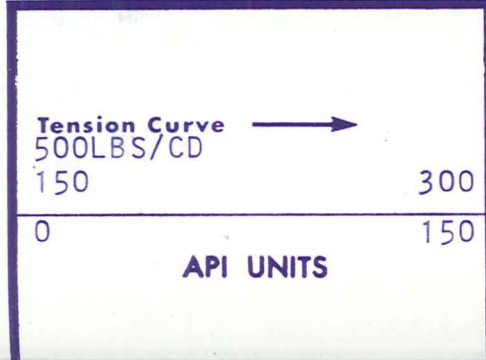
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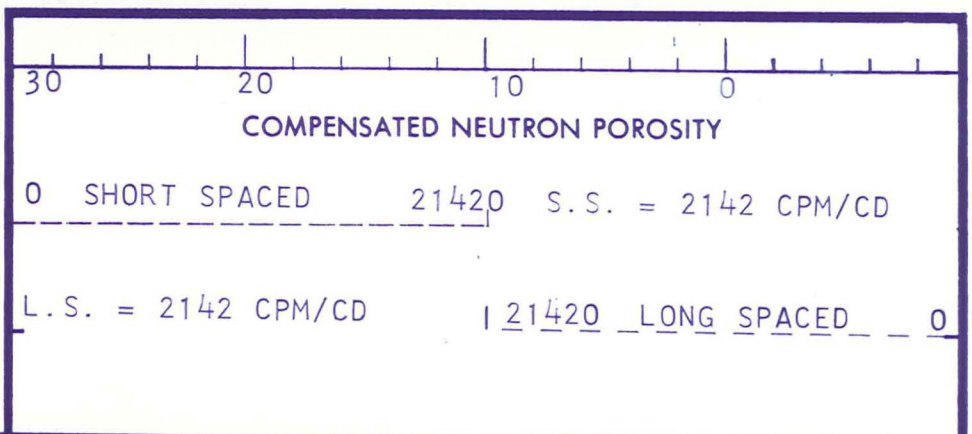
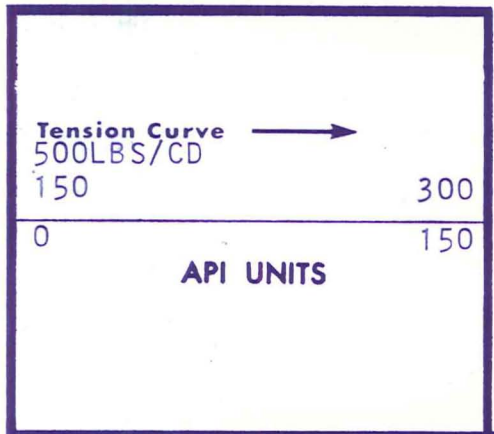
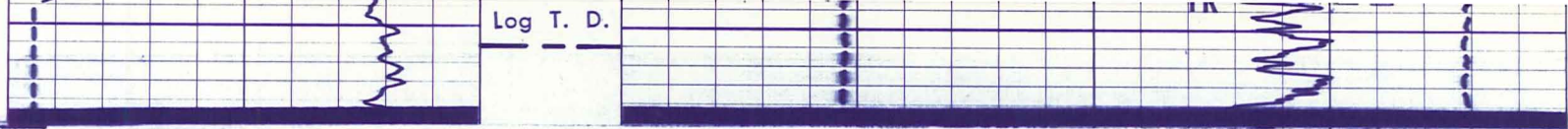


1800

1900

2000

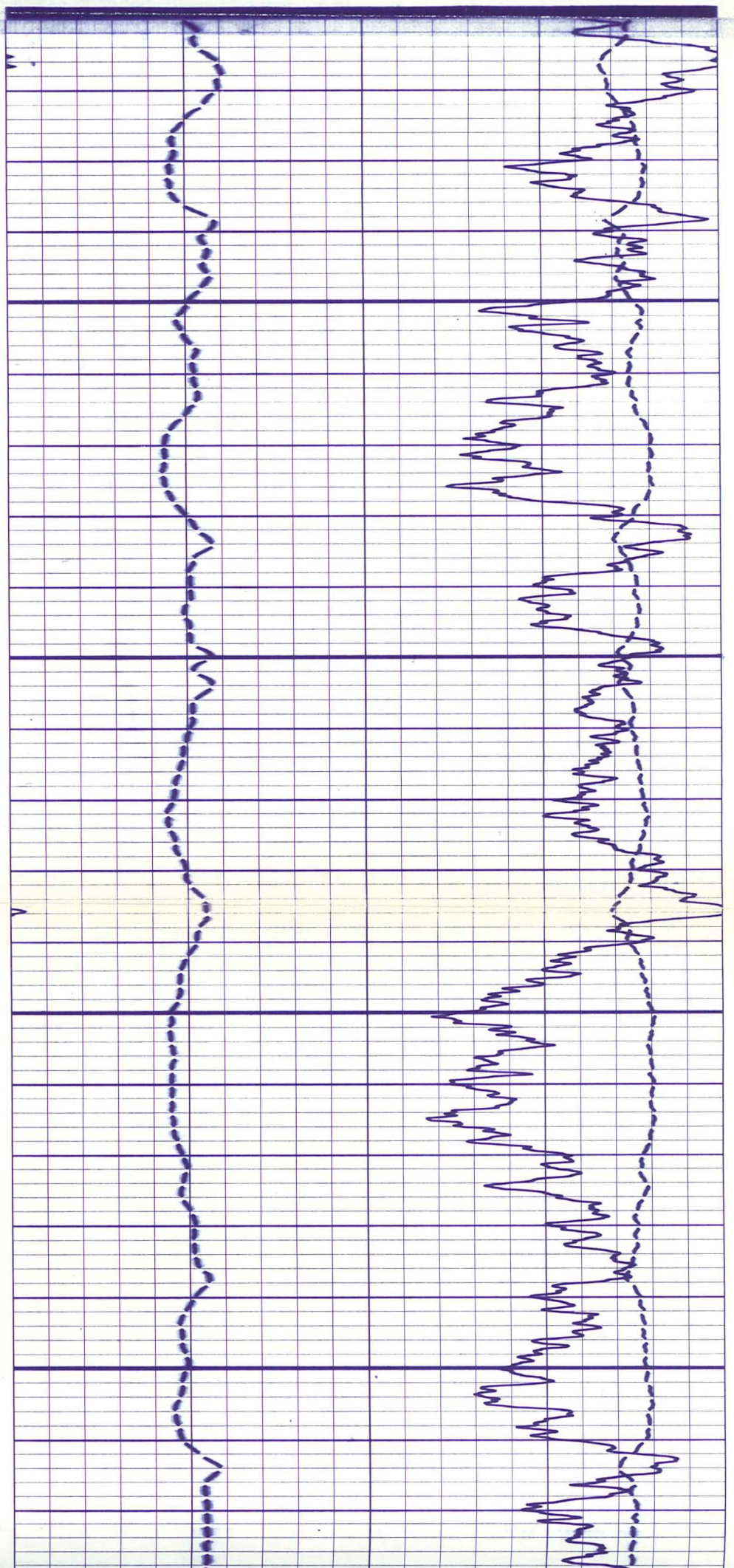
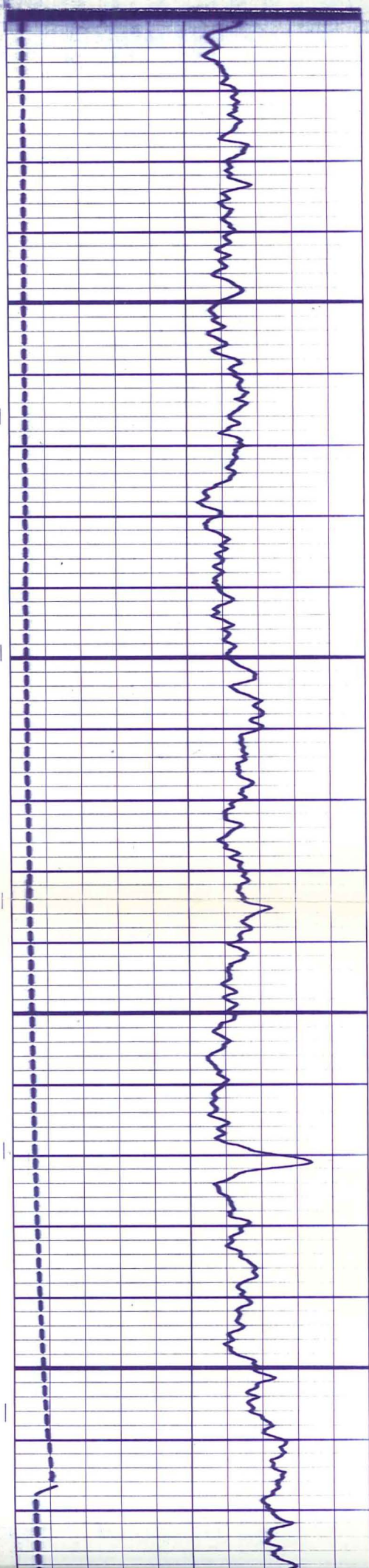




GAMMA RAY	DEPTH	POROSITY %
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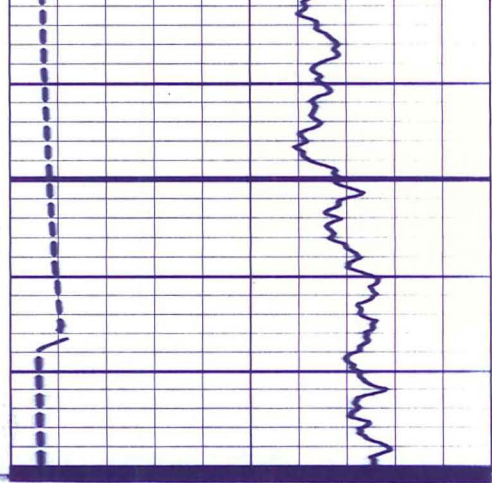
Company	E. G. & G. IDAHO INC.	Drillers T.D.	2030
Well	RRGI-6	Log F.R.	2017
Field	RAFT RIVER GEOTHERMAL	Log T.D.	2022
County	CASSIA	Elevations:	
State	IDAHO	K.B.	4876
		D.F.	4875
		G.L.	4860

REPEAT SECTION

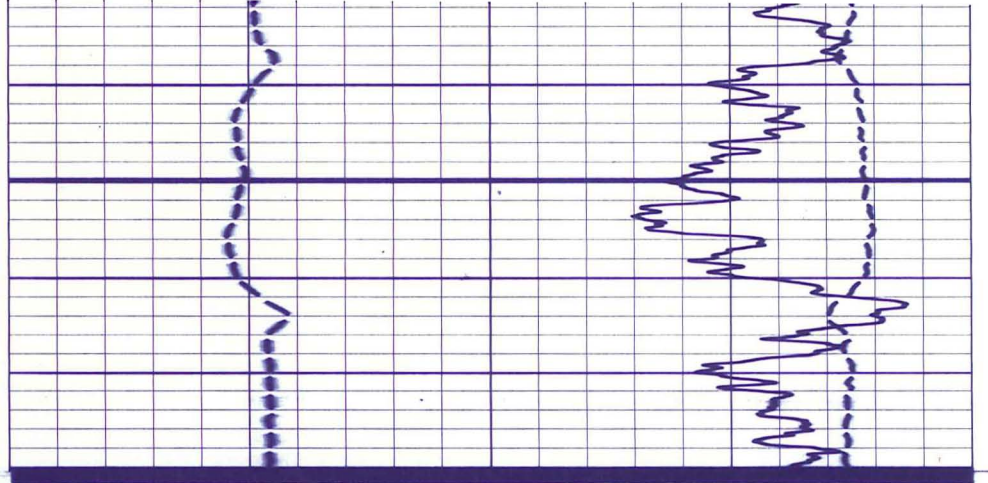


1900

2000



2000



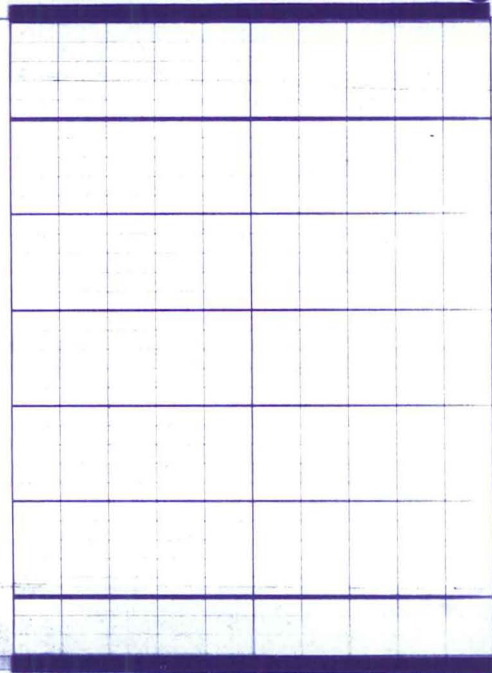
CALIBRATION

COMPENSATED NEUTRON

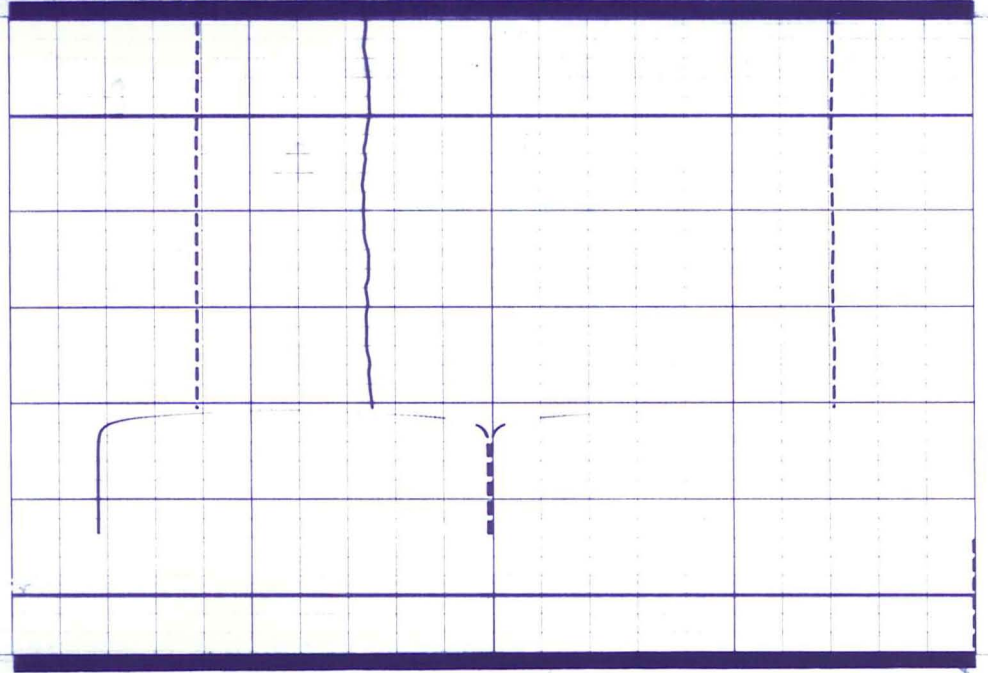
1. MECHANICAL ZERO
2. PANEL—LOW
3. PANEL—HIGH
4. COUNT RATE METER
5. COMPUTER CHECK
6. COMPENSATED NEUTRON

925273 CNLOG

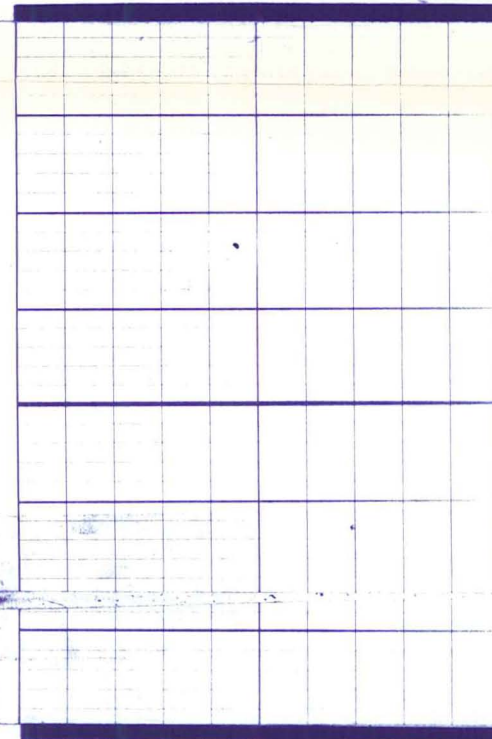
CALIBRATION BEFORE SURVEY



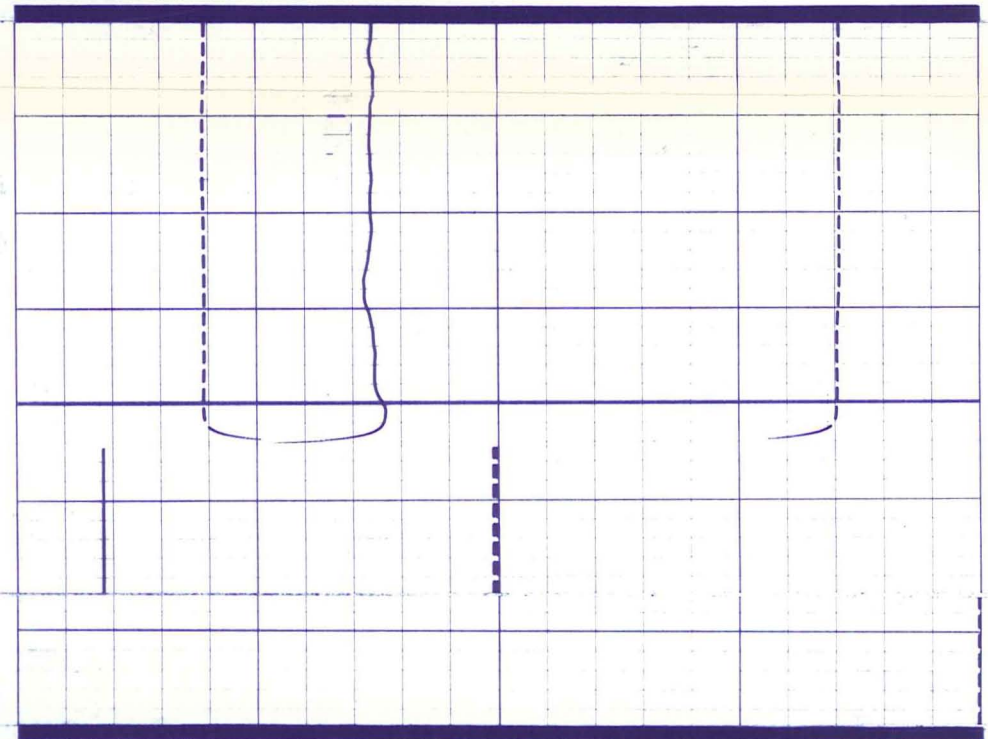
6
3
2
1



CALIBRATION AFTER SURVEY



6
3
2
1



CALIBRATION

GAMMA RAY

1. MECHANICAL ZERO
2. PANEL—LOW
3. PANEL—HIGH
4. COUNT RATE METER
5. BACKGROUND READING
6. GAMMA RAY—HIGH

API UNITS OF CALIB. STD.	185
SENSITIVITY READING	200
MULTIPLIER	X2
ZERO SUPPRESSION	0
TIME CONSTANT	X2
MEASURED CHART DIVISIONS	5

925275 GR

CALIBRATION BEFORE SURVEY



CALIBRATION

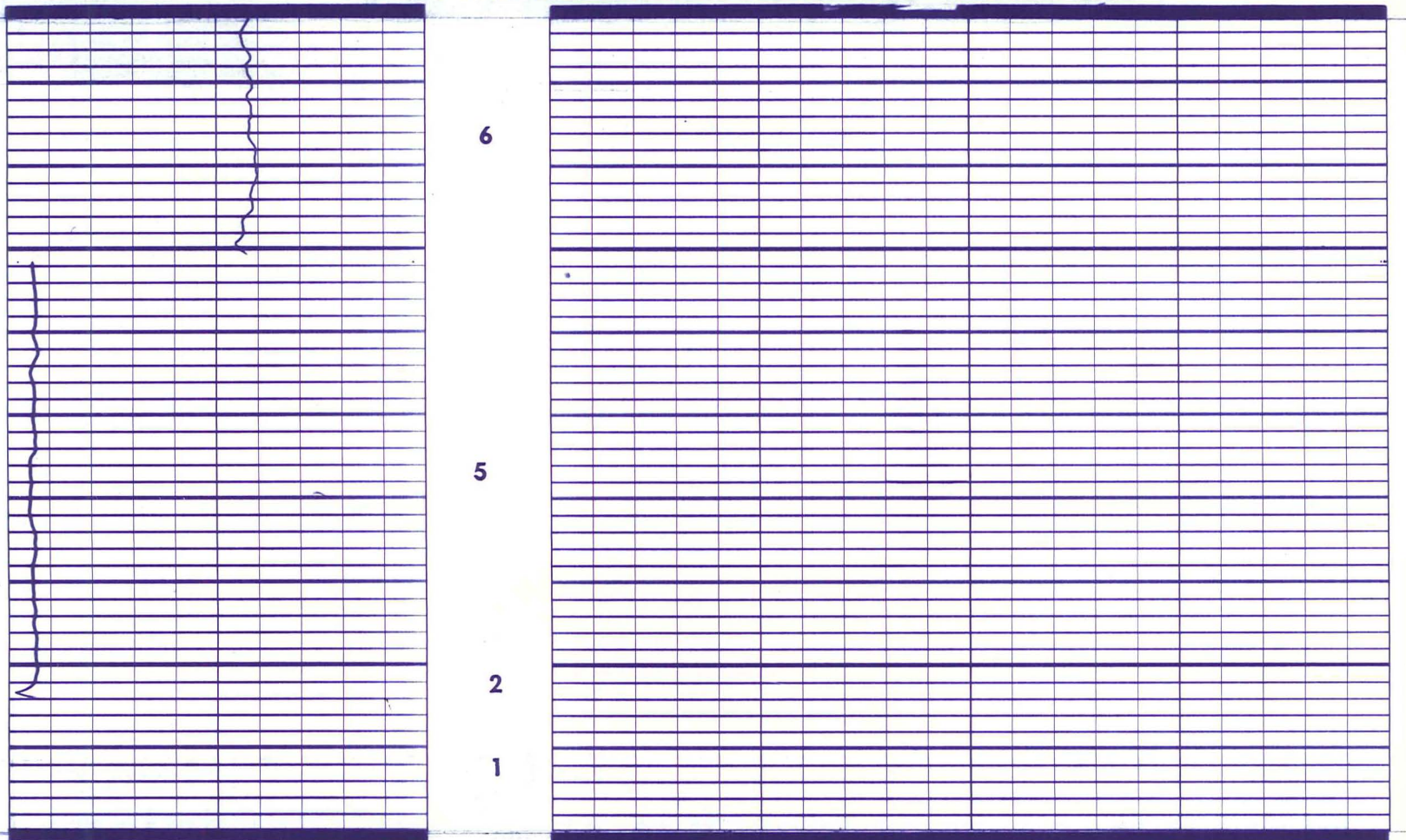
GAMMA RAY

- 1. MECHANICAL ZERO
- 2. PANEL—LOW
- 3. PANEL—HIGH
- 4. COUNT RATE METER
- 5. BACKGROUND READING
- 6. GAMMA RAY—HIGH

API UNITS OF CALIB. STD.	185
SENSITIVITY READING	200
MULTIPLIER	X2
ZERO SUPPRESSION	0
TIME CONSTANT	X2
MEASURED CHART DIVISIONS	5

928275 GR

CALIBRATION BEFORE SURVEY



CALIBRATION AFTER SURVEY

