

LOCATION

COMPANY: PETROBRAS, NEVILLEWELL: SOUTHLAND # 4FIELD: LITTMANCOUNTY: ANDREWS STATE: TEXASLOCATION: 1760' PSL 2060' PSL SEC. 5

FILE NO.

LOG NO. 2219

ELK-A-29 PSL SURVEY

LOG MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552ORIG. MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552FRESH DATA: G.L. ELEV. 3550

RUN NO.	ONE	ONE
TYPE OF LOG	C/L	NEUTRON
DATE	1-27-53	1-27-53
TOTAL DEPTH (OPERATOR)	1350	1350
EFFECTIVE DEPTH (OPERATOR)	1350	1350
EFFECTIVE DEPTH (WESTERN)	1350	1350
TOP OF LOGGED INTERVAL	1350	1350
BOTTOM OF LOGGED INTERVAL	1350	1350
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	?	?
NEUTRON SOURCE TYPE		600N
SOURCE SPACING IN.		3.25
LENGTH OF DETECTOR IN.		9
O.D. OF INSTRUMENT IN.	3 1/8	3 5/8
TIME CONSTANT SEC.	3	3
LOGGING SPEED FT./MIN.	25-50	25-50
STATISTICAL VARIATION IN.	33	33
SENSITIVITY REFERENCE	275	275
RECORDED BY	BILL DENTIS	
TESTED BY	TOM MARKS	

CASING RECORD

		INTERVAL			
RUN NO.	BIT SIZE	CASING	WT. LB.	FROM WELL RECORD	FROM RA LOG
ONE		5 1/2		SURE TO 1325	TO
ONE	5 1/4			1325 TO 1350	TO
				TO	TO
				TO	TO
				TO	TO

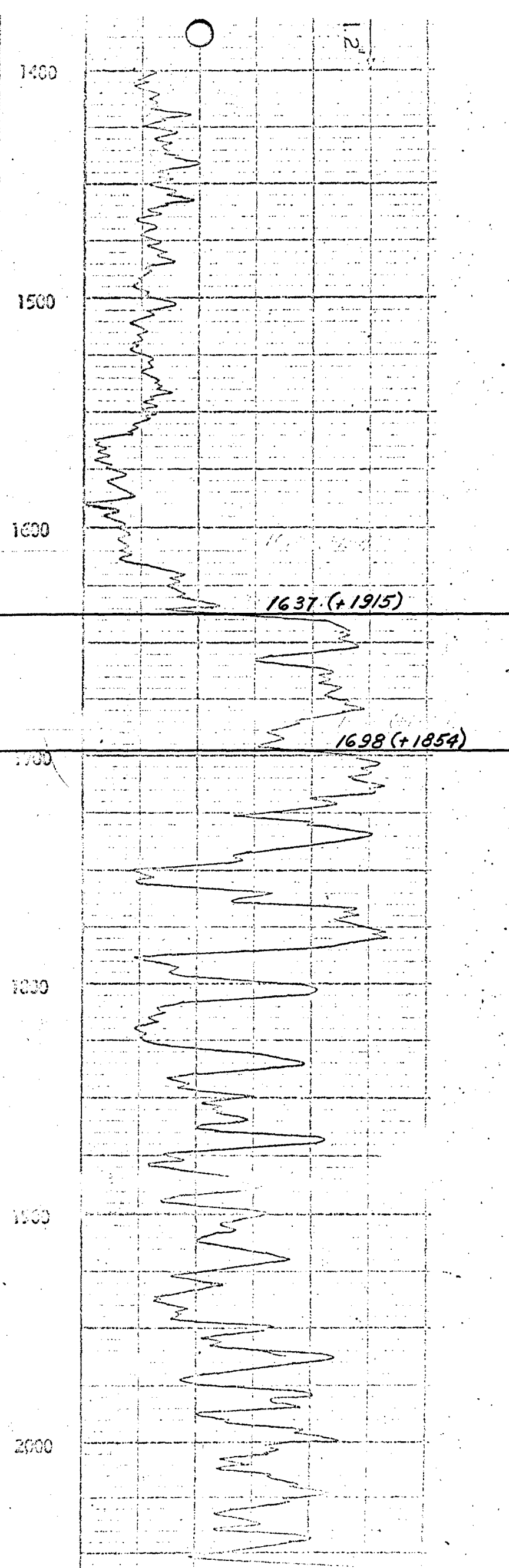
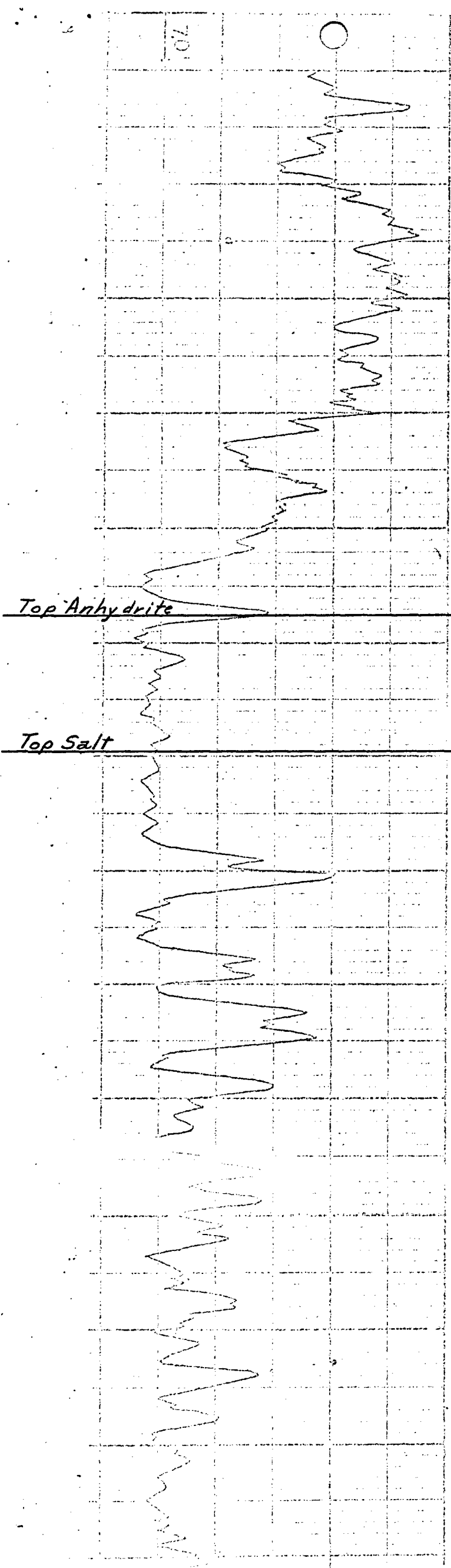
REMARKS

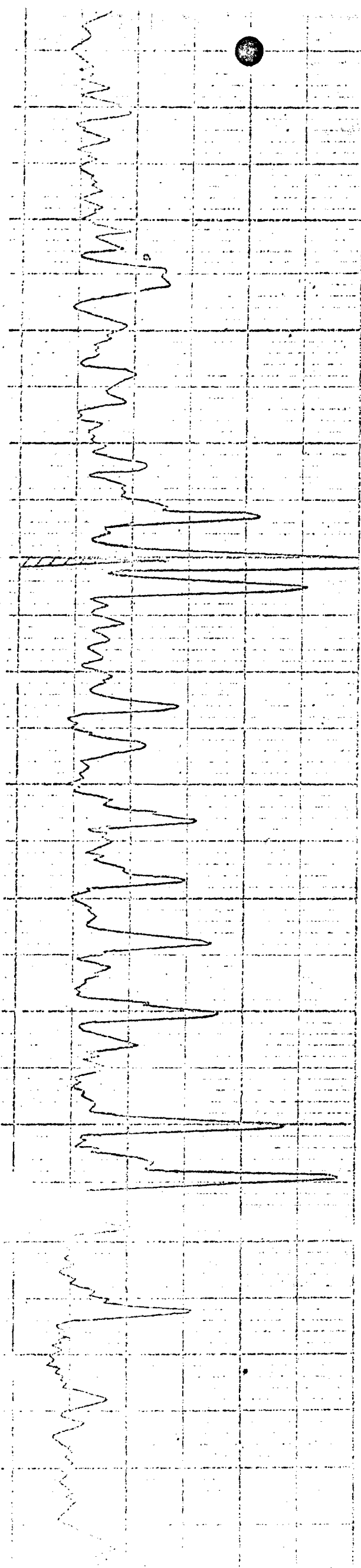
GAMMA RAY

NEUTRON

RADIATION INTENSITY INCREASES

RADIATION INTENSITY INCREASES





2100

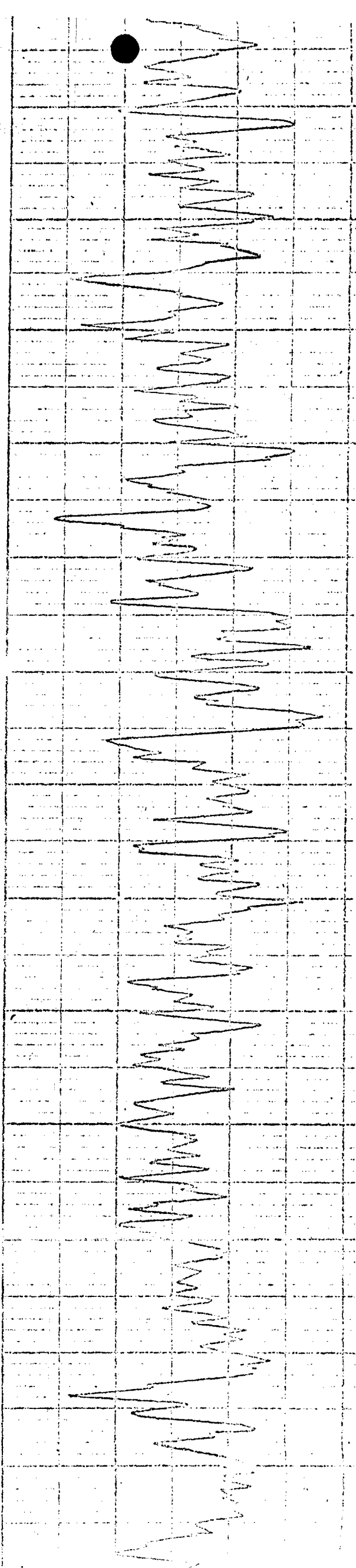
2200

2300

2400

2500

2600



Base Salt

2762 (+790)

Top Yates Fm

2898 (+654)

2700

2800

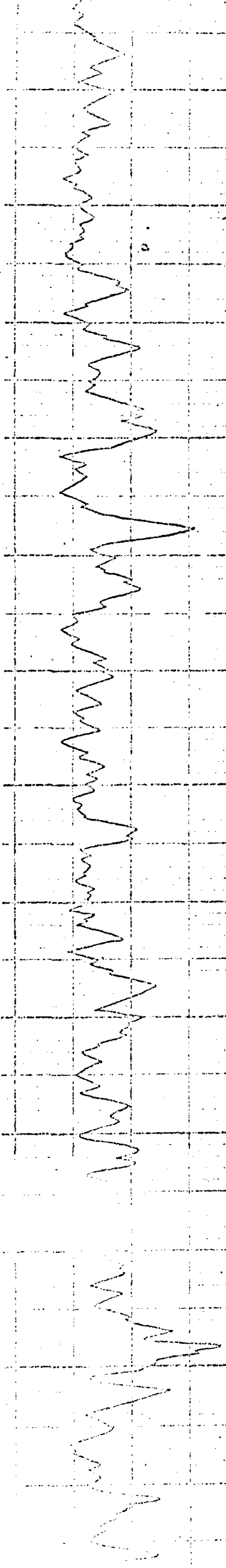
2900

3000

3100

3200

3300



3400

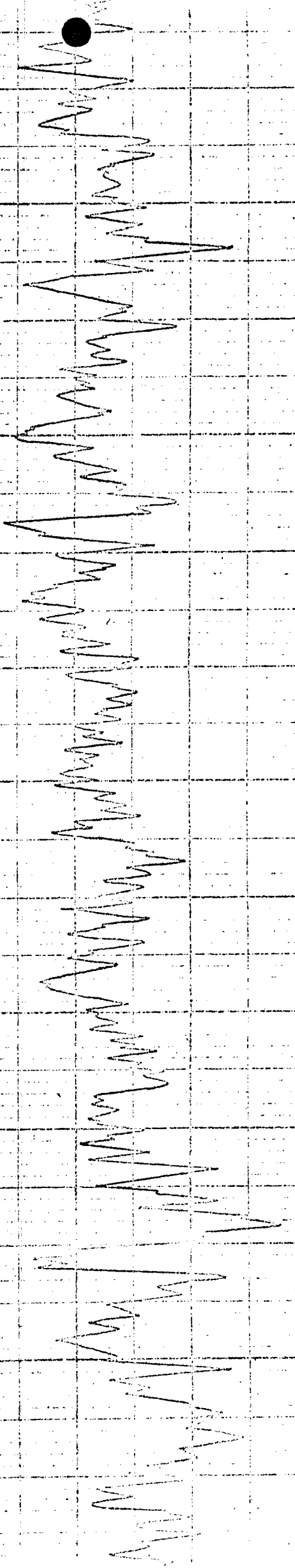
3500

3600

3700

3800

3900



4000

4100

4200

4300

5 1/2'

Top San Andres Fm.

4322 (-770)

R.D. 4344'

T.D. 4346'

70'

1.2'

4500

0 2"

0 3"

R.D. 4344'

T.D. 4346'

PENROSE, NEVILLE

T.D. 4346

PENROSE, NEVILLE

SOUTHLAND NO. 4

LITTMAN FLD.

ANDREWS CO. TEX.

STATISTICAL AT 1400

LANE RADIOACTIVITY LOG WELLS

COMPANY

FILE NO.

Location of Well 3513' D.F.	COMPANY: N. G. PENROSE ETAL	COMPANY: N. G. PENROSE ETAL WELL: SIMS NO. 1 FIELD: LITTMAN COUNTY: ANDREWS LOCATION: ADDRESS STATE: TEXAS
	WELL: SIMS NO. 1	
	FIELD: LITTMAN	
	COUNTY: ANDREWS STATE: TEXAS	
	LOCATION: 1440' FN & WL SEC. 14 BLK. A - 29	

LOG MEAS. FROM	CABLE TOOL FLOOR	ELEV. 3513'
DRLG. MEAS. FROM	CABLE TOOL FLOOR	ELEV. 3513'
PERM. DATUM	7" BRADEN HEAD	ELEV. 3509.5'

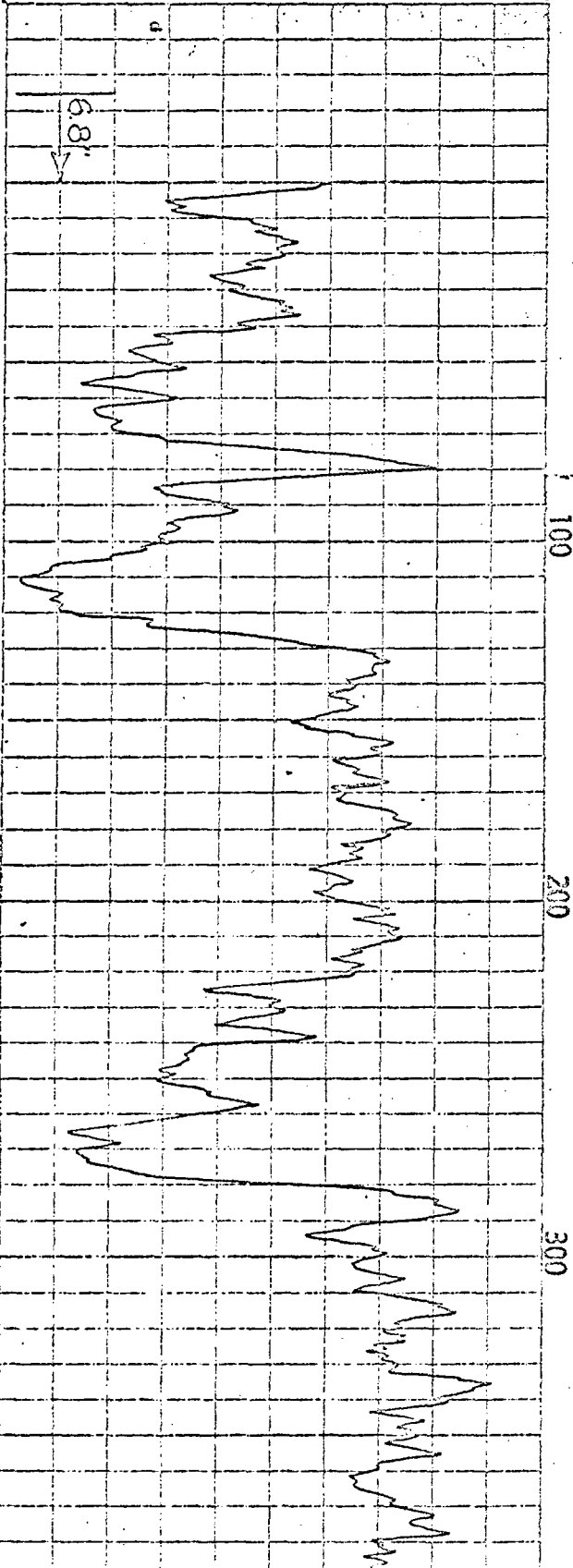
TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1 N.W.	1 N.W.
DATE	4-17-52	4-17-52
TOTAL DEPTH (DRILLER) WIRE LINE	4350'	4350'
EFFECTIVE DEPTH (DRILLER)	4350'	4350'
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	4347'	4347'
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	4268'	4268'
MAXIMUM RECORDED TEMP.		600N
NEUTRON SOURCE STRENGTH & TYPE		8.25"
SOURCE SPACING — IN.		9"
LENGTH OF MEASURING DEVICE — IN.	36"	3 5/8"
O.D. OF INSTRUMENT — IN.	3 5/8"	2.5
TIME CONSTANT — SECONDS	4	40
LOGGING SPEED FT. MIN.	40	
STATISTICAL VARIATION — IN.		
SENSITIVITY REFERENCE	274	275
RECORDED BY	RUNION	RUNION
WITNESSED BY	ANDERSON	ANDERSON

CASING RECORD				INTERVAL	
RUN NO.	BIT SIZE	CASING WT.—LB.	FROM WELL RECORD	FROM R/A LOG	
1	12 1/4"	9 5/8"	SURF. TO 1610'	SURF. TO 1610'	
1	8 3/4"	7"	SURF. TO 4311'	SURF. TO 4310'	
1	6 1/4"		4311' TO 4350'	4310' TO 4349'	
			TO	TO	
			TO	TO	

REMARKS OR OTHER DATA

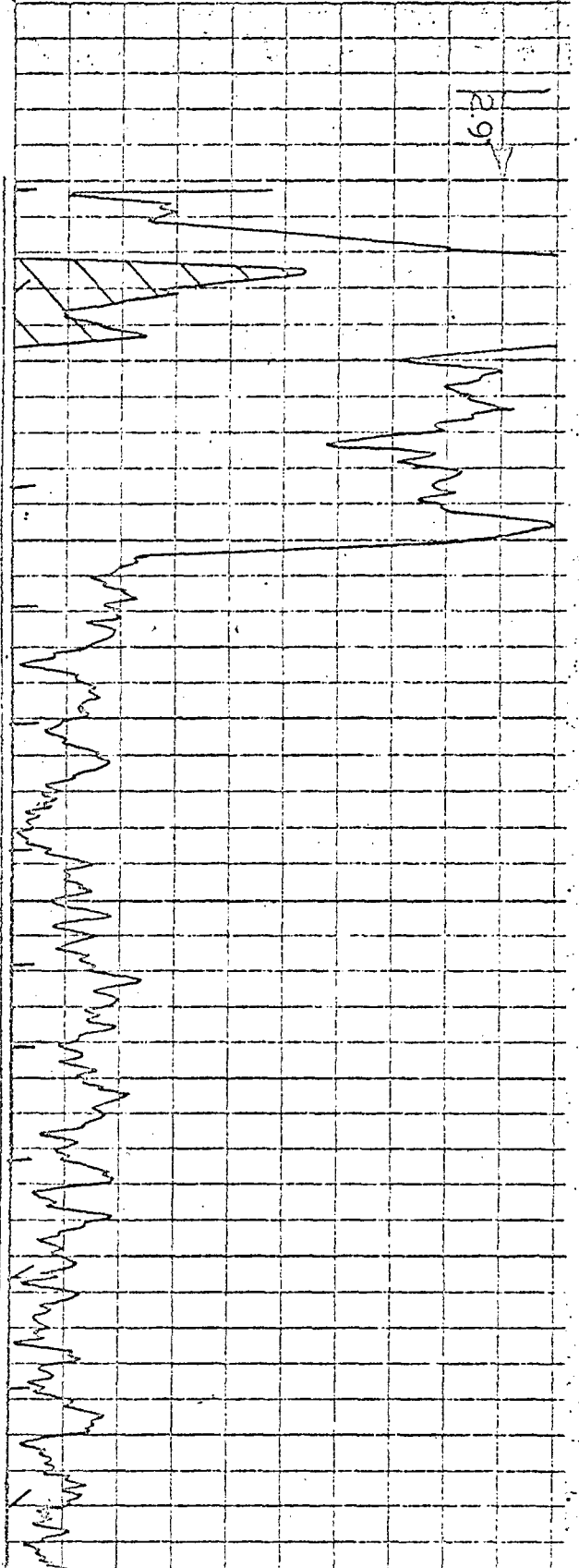
GAMMA RAY

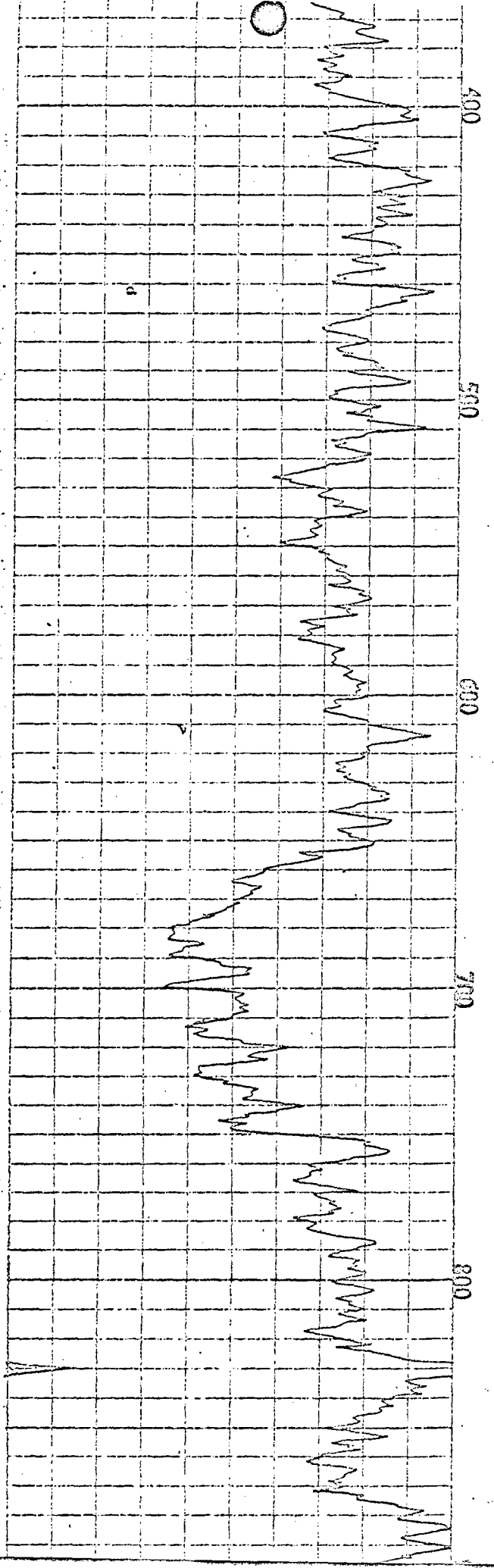
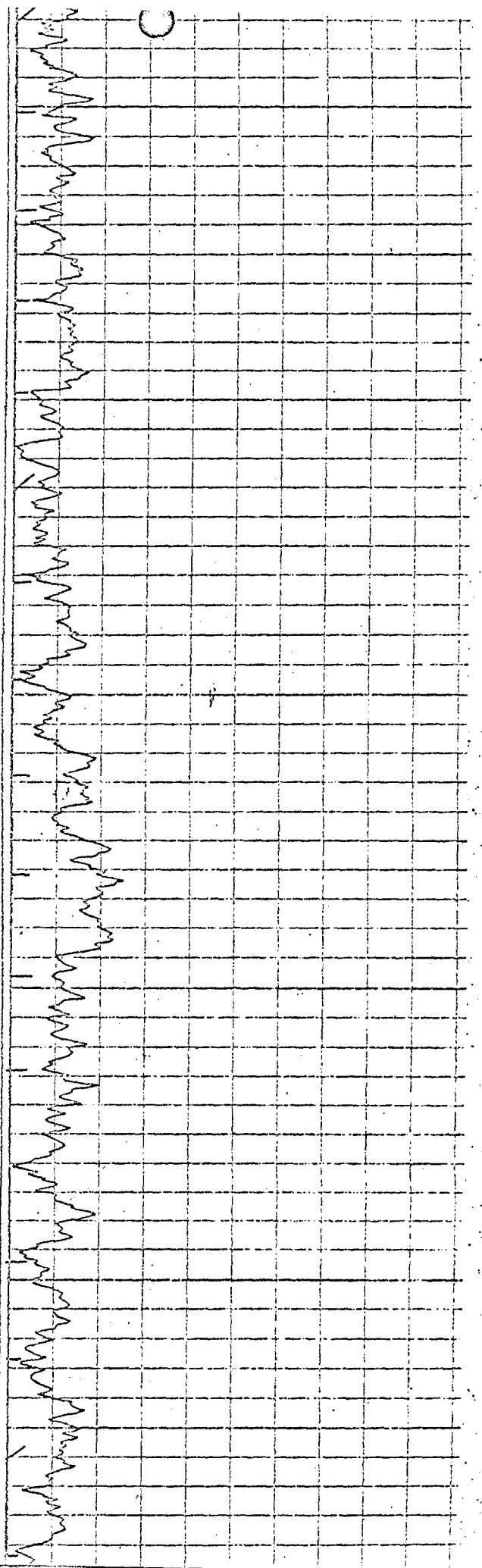
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RADIATION INTENSITY INCREASES

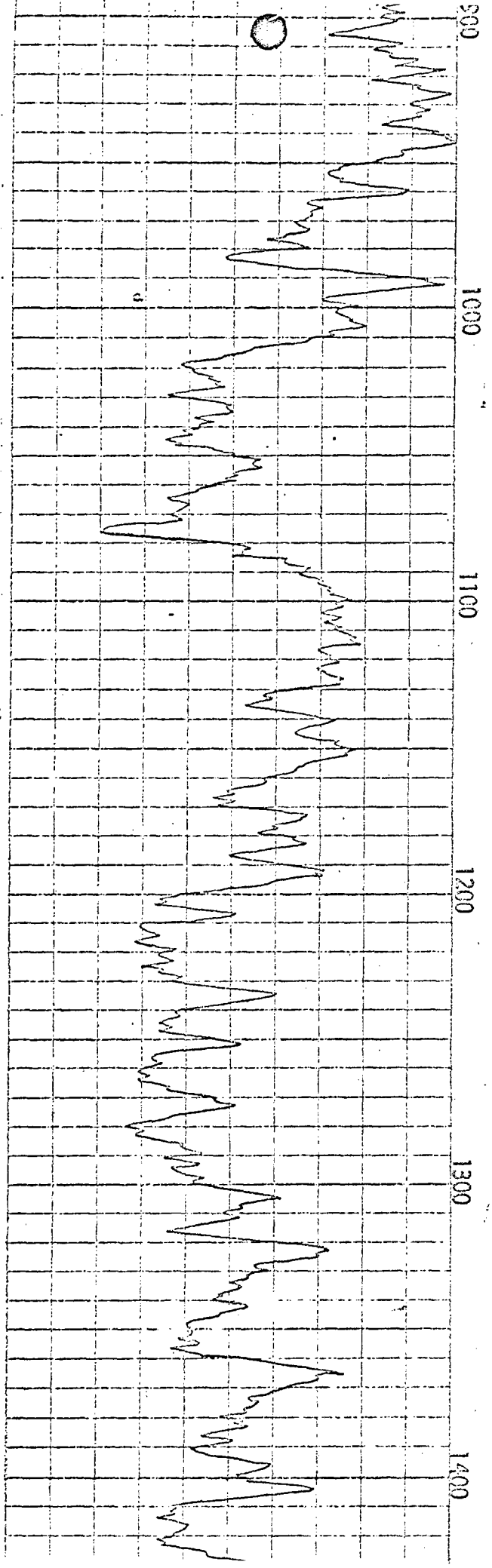
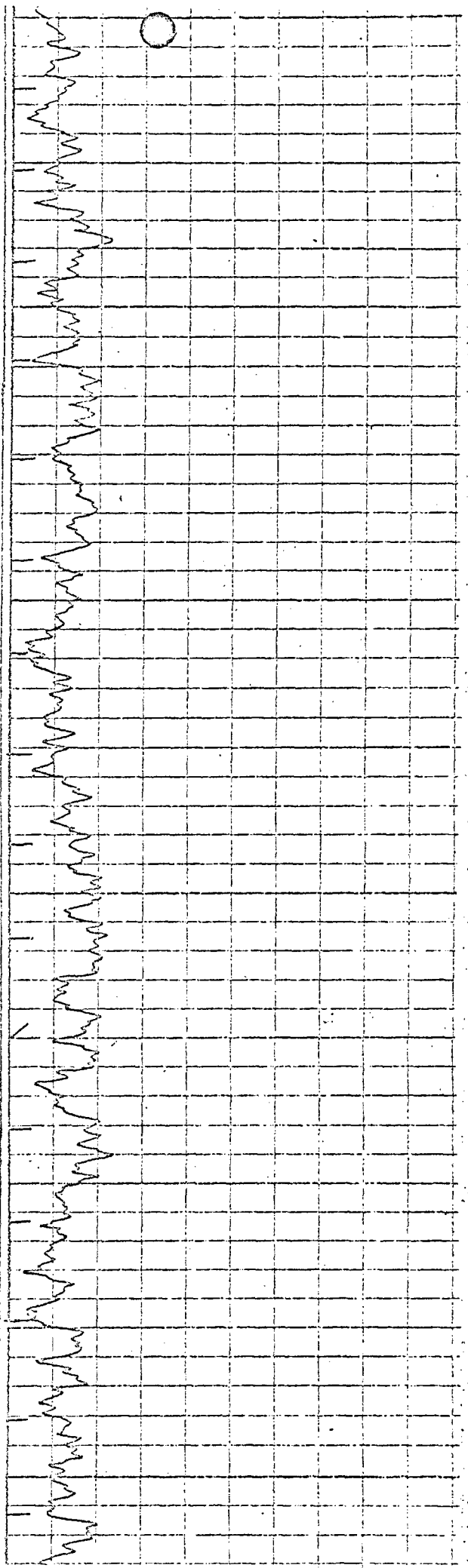


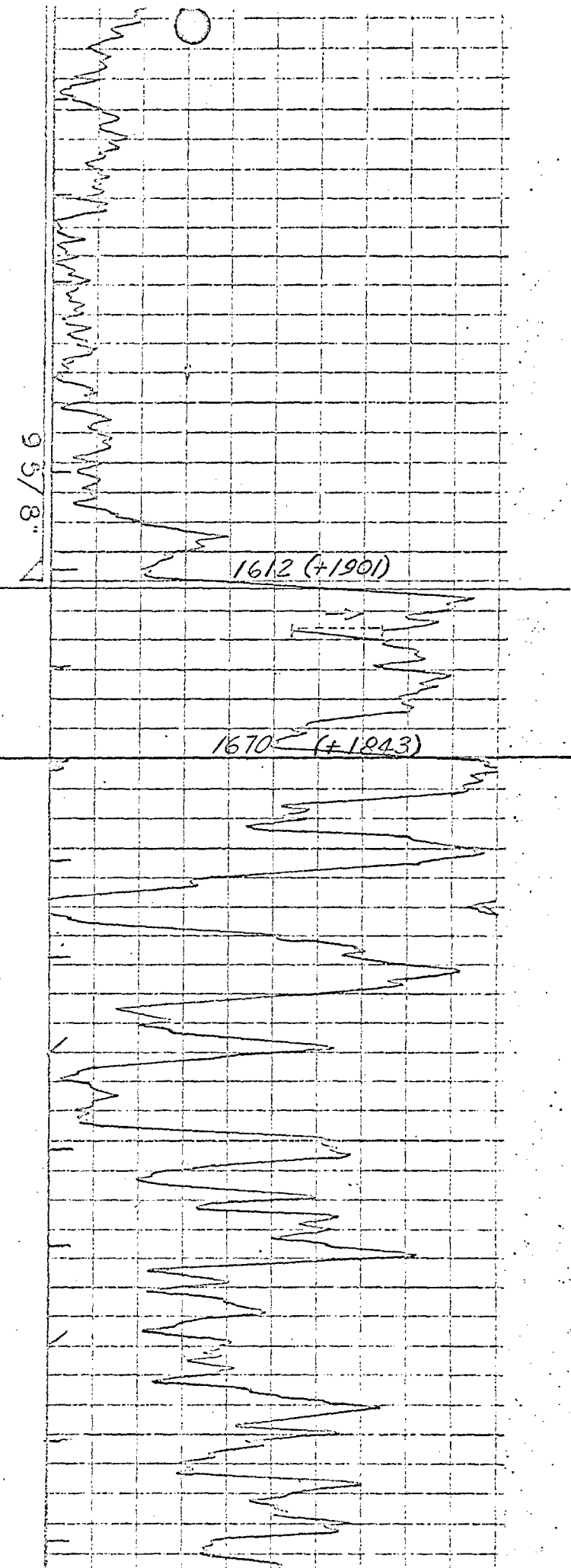
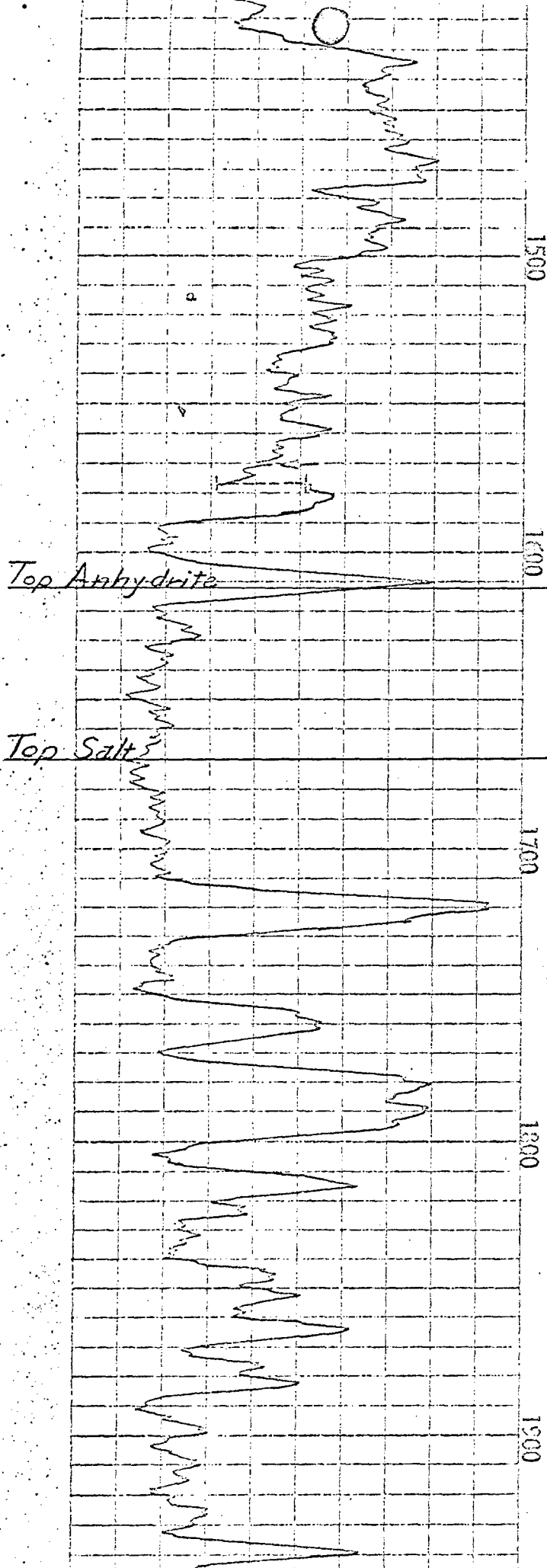
NEUTRON

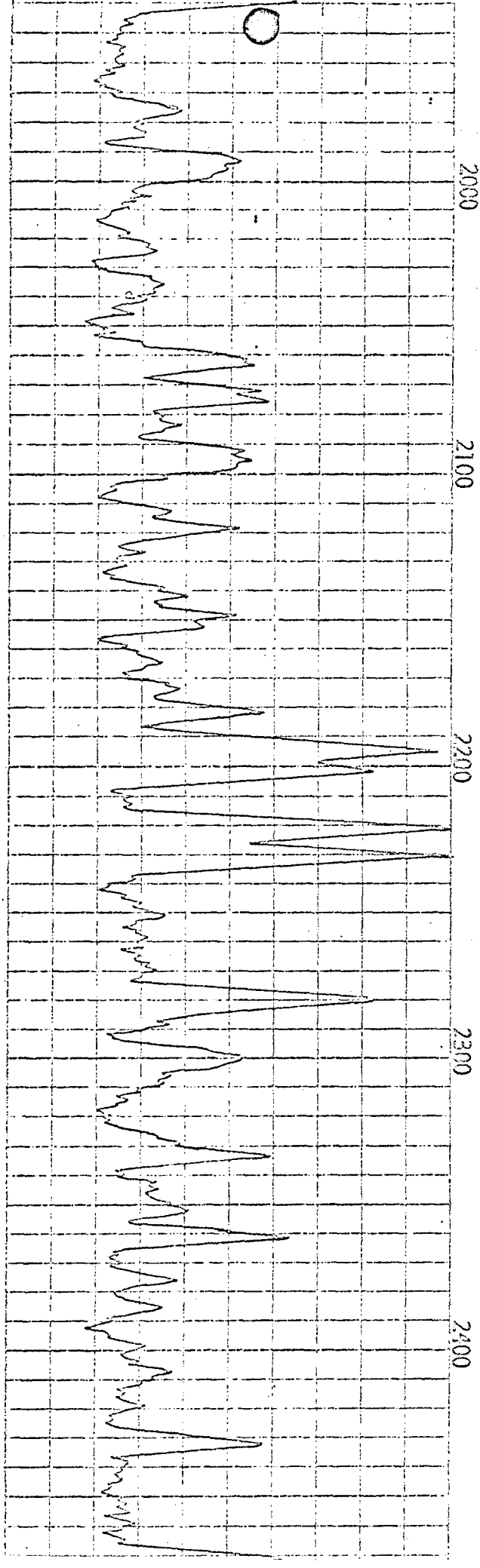
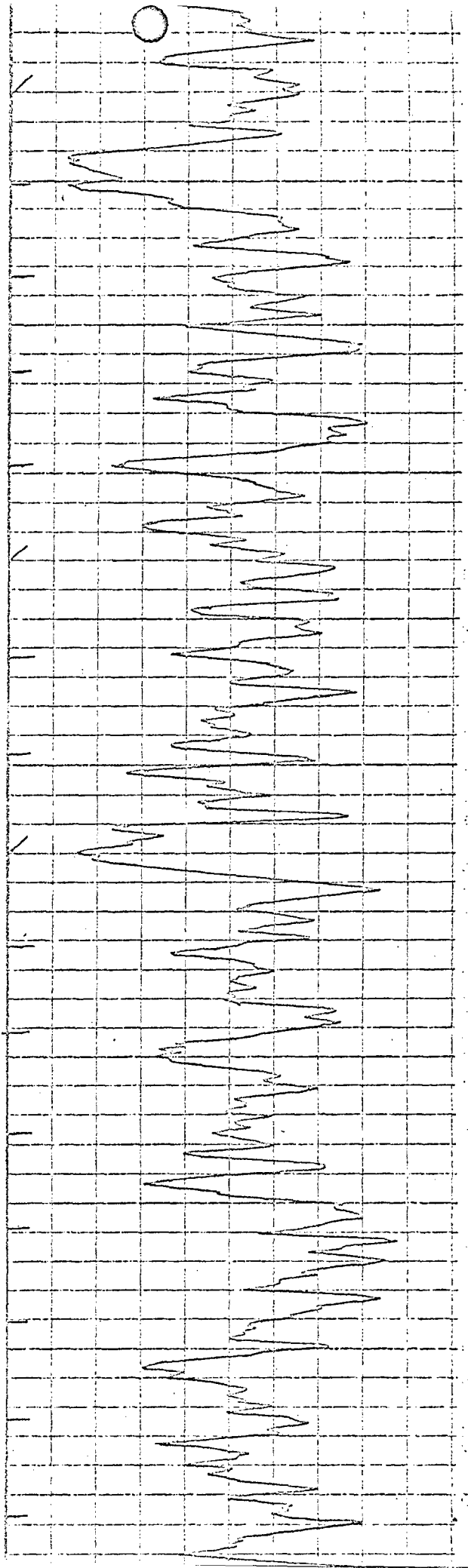
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RADIATION INTENSITY INCREASES











Base Salt

Top Yates Fin.

2500

2600

2700

2800

2900

2743 (+770)

2882 (+631)

