

APPLICATION FOR SECONDARY RECOVERY AND PRESSURE MAINTENANCE

Exhibit 2 --

Log of Proposed Injection Well No. 1 Sims

03 1 W 9 1000

20 11 10 1000

2002 2058

LANE RADIOACTIVITY LOG WELLS

COMPANY

FILE NO.

Location of Well

COMPANY: N. G. PENROSE ETAL

WELL: SIMS NO. 1

FIELD: LITTMAN

COUNTY: ANDREWS STATE: TEXAS

LOCATION: 440th FN & WL

3513' D.F.

SEC. 14 BLK. A - 29

COMPANY: N. G. PENROSE ETAL
WELL: SIMS NO. 1
FIELD: LITTMAN
COUNTY: ANDREWS
LOCATION: ANDREWS
STATE: TEXAS

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

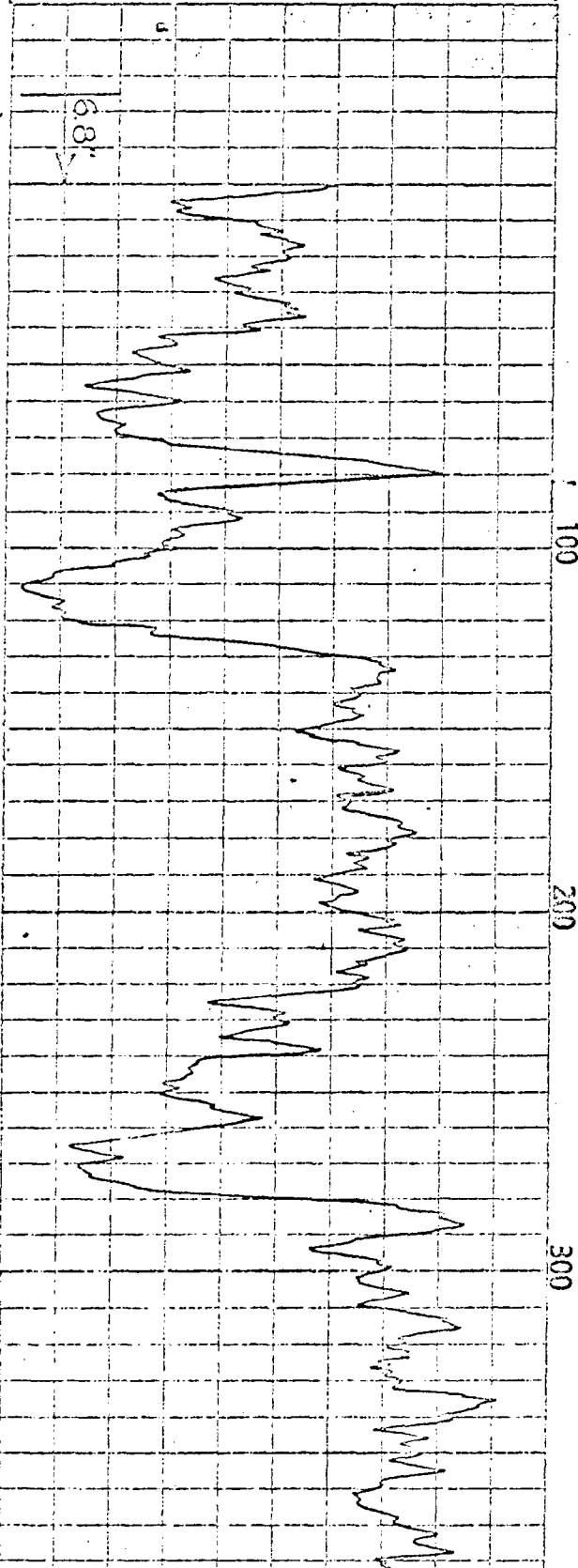
RUN NO.	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD	INTERVAL	FROM R/A LOG
1	12 1/4"	9 5/8"		SURF. TO 1610'	SURF. TO 1610'	
1	8 3/4"	7"		SURF. TO 4311'	SURF. TO 4310'	
1	6 1/4"			4311' TO 4350'	4310' TO 4349'	
				TO	TO	
				TO	TO	

REMARKS OR OTHER DATA



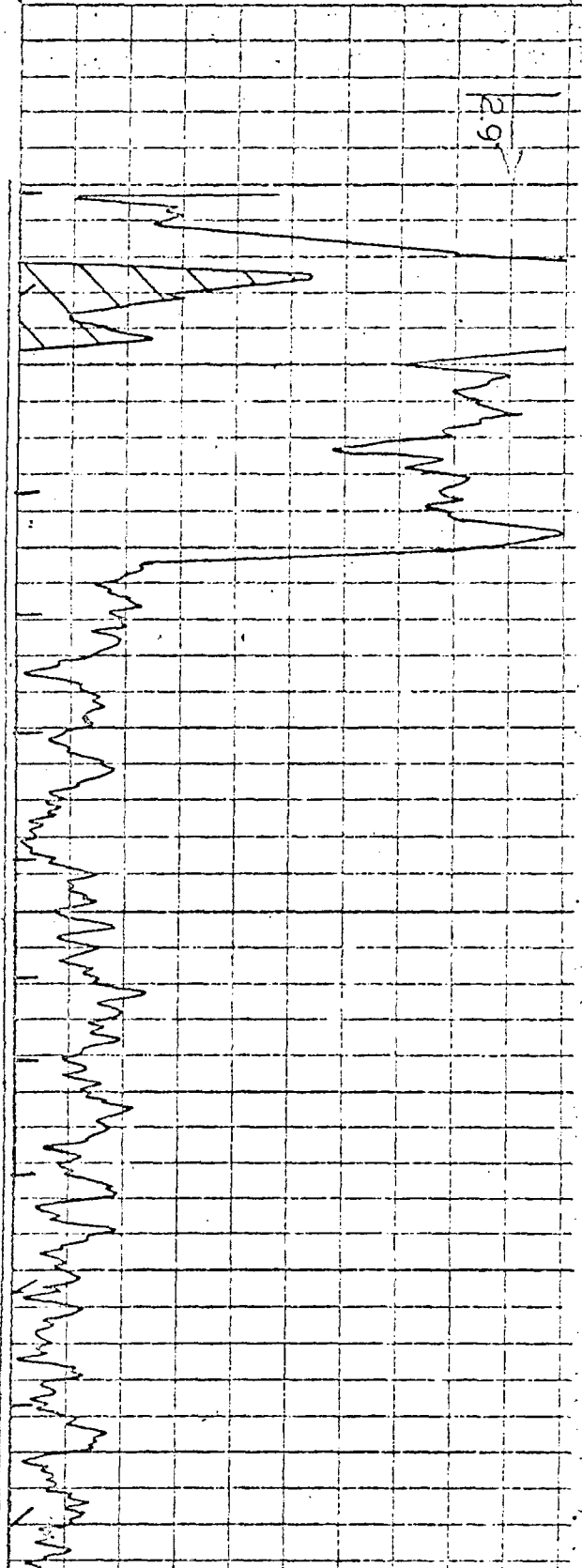
GAMMA RAY

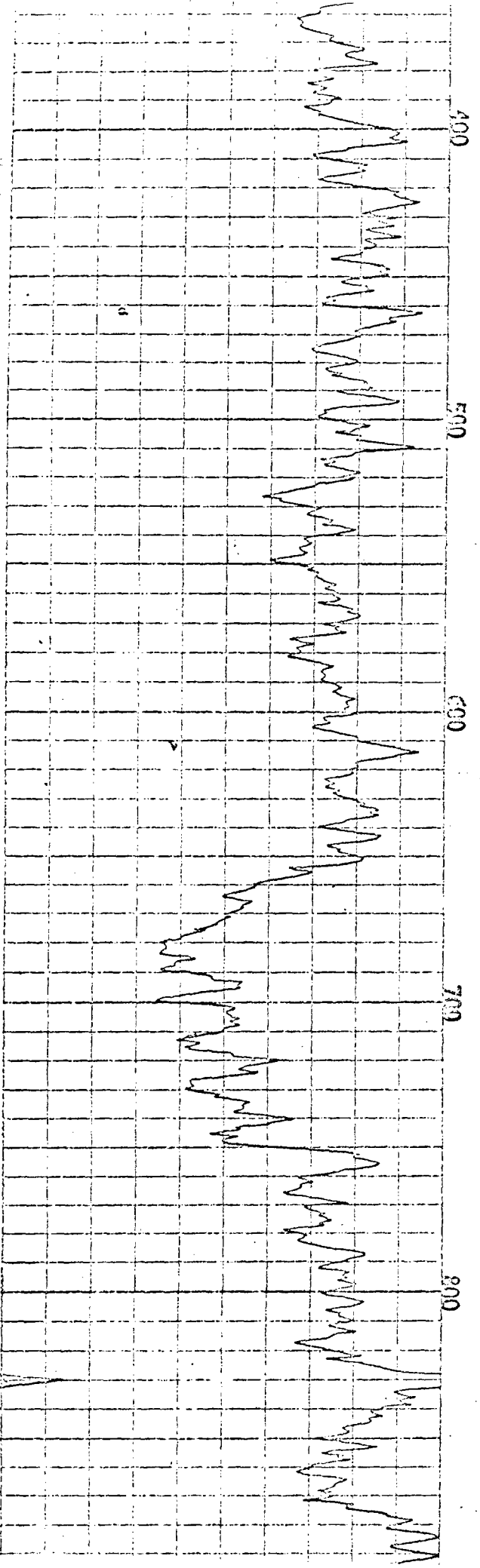
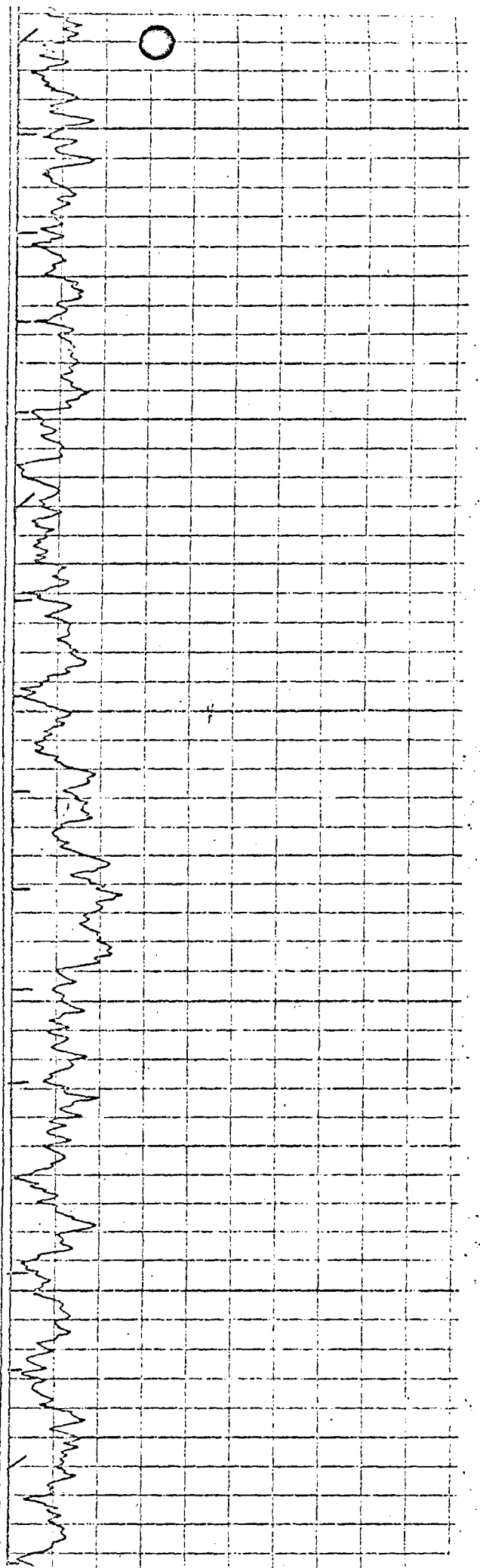
RADIATION INTENSITY INCREASES →

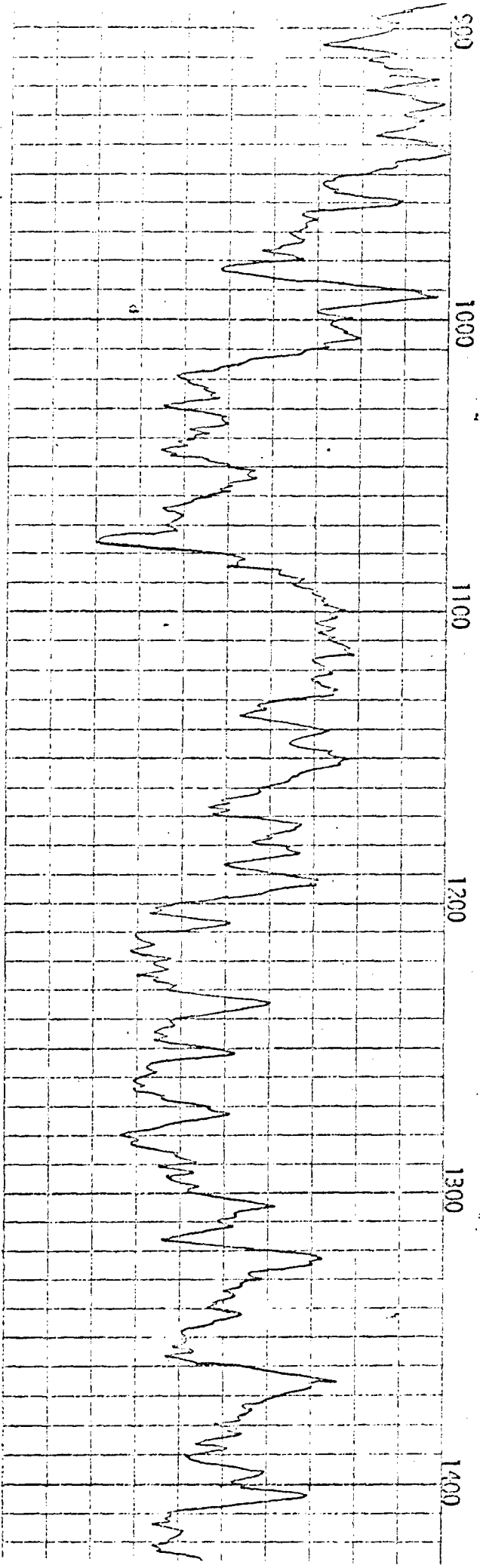
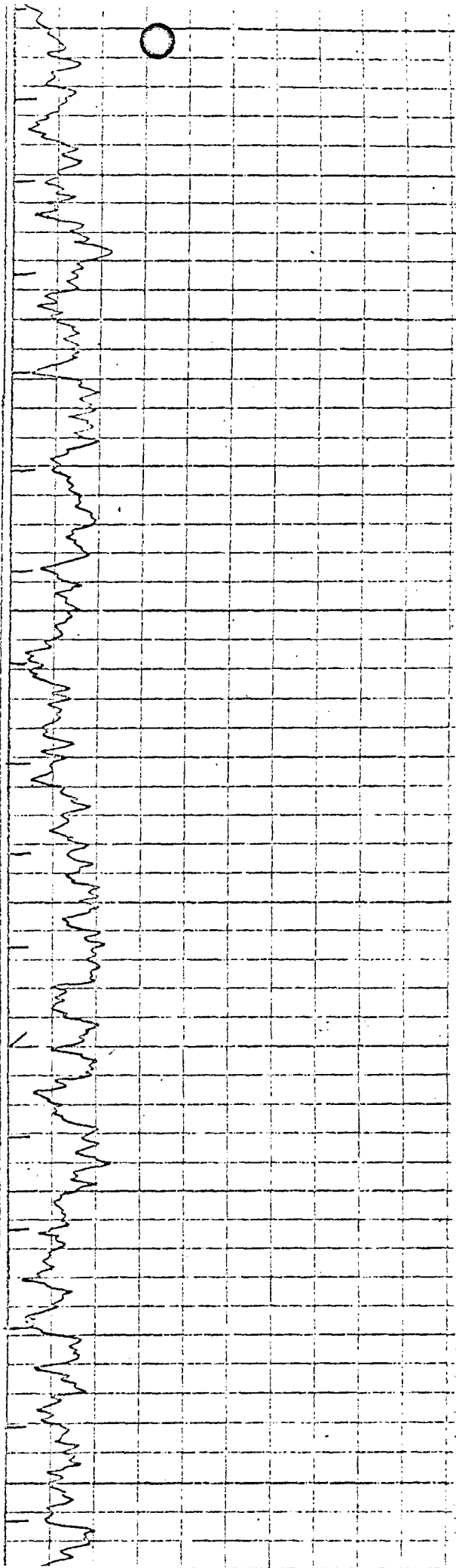


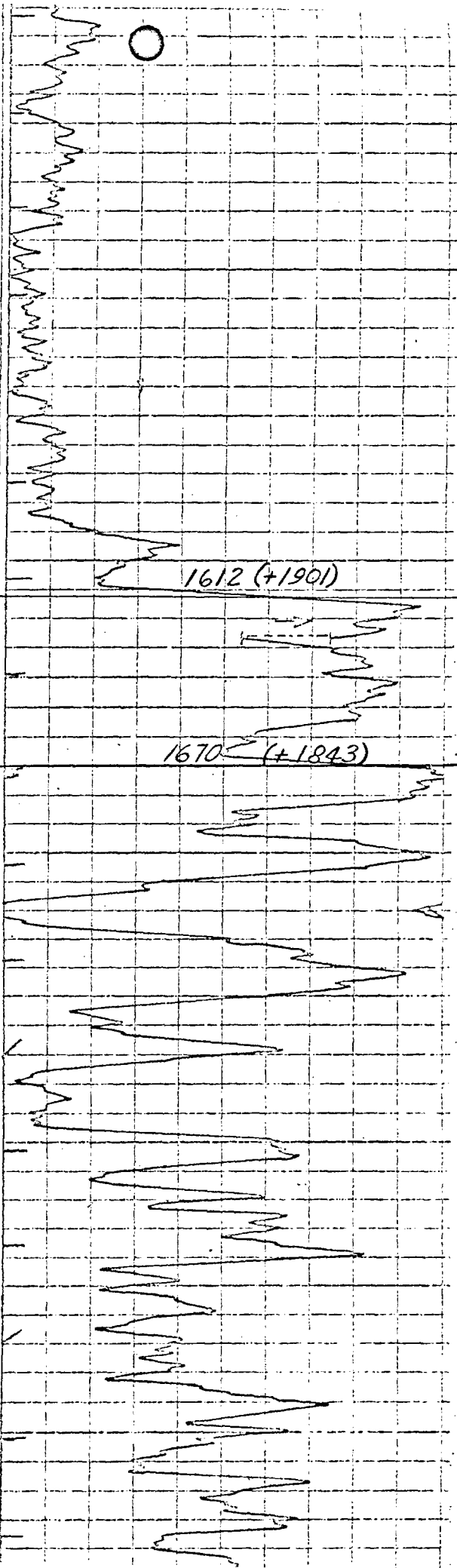
NEUTRON

RADIATION INTENSITY INCREASES →









9 5/8"

1500

1600

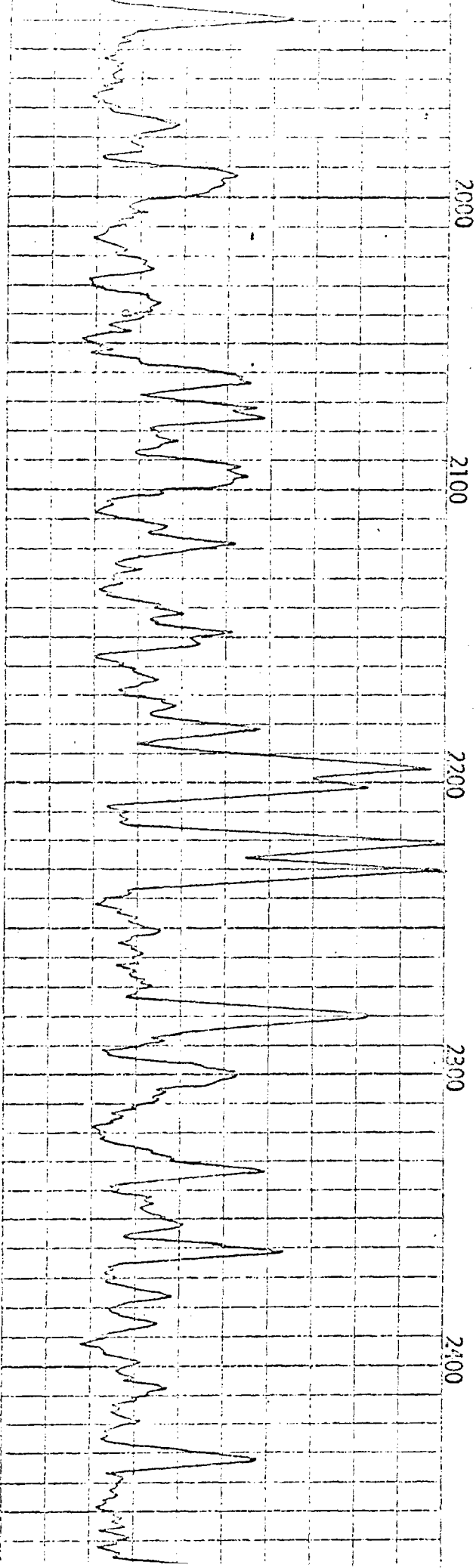
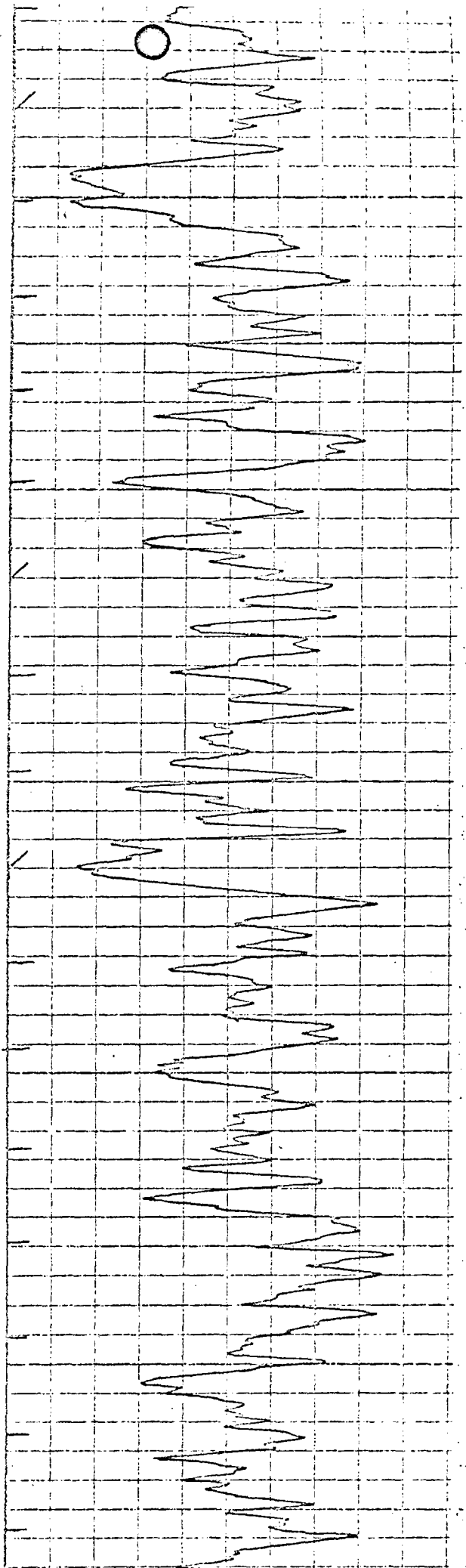
1700

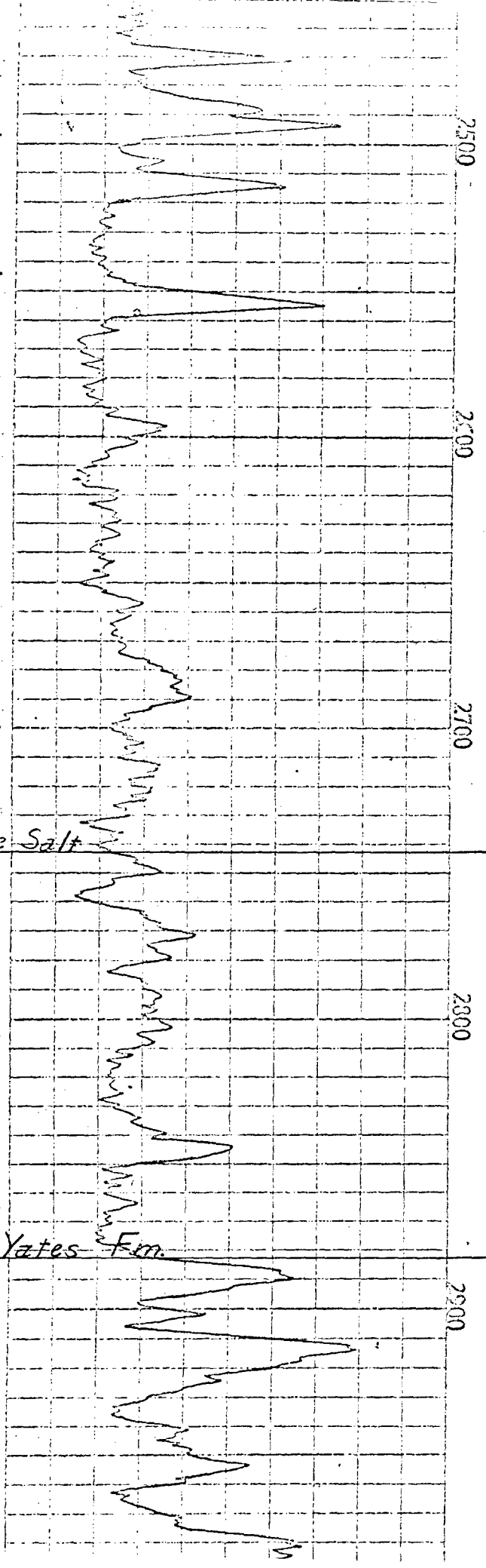
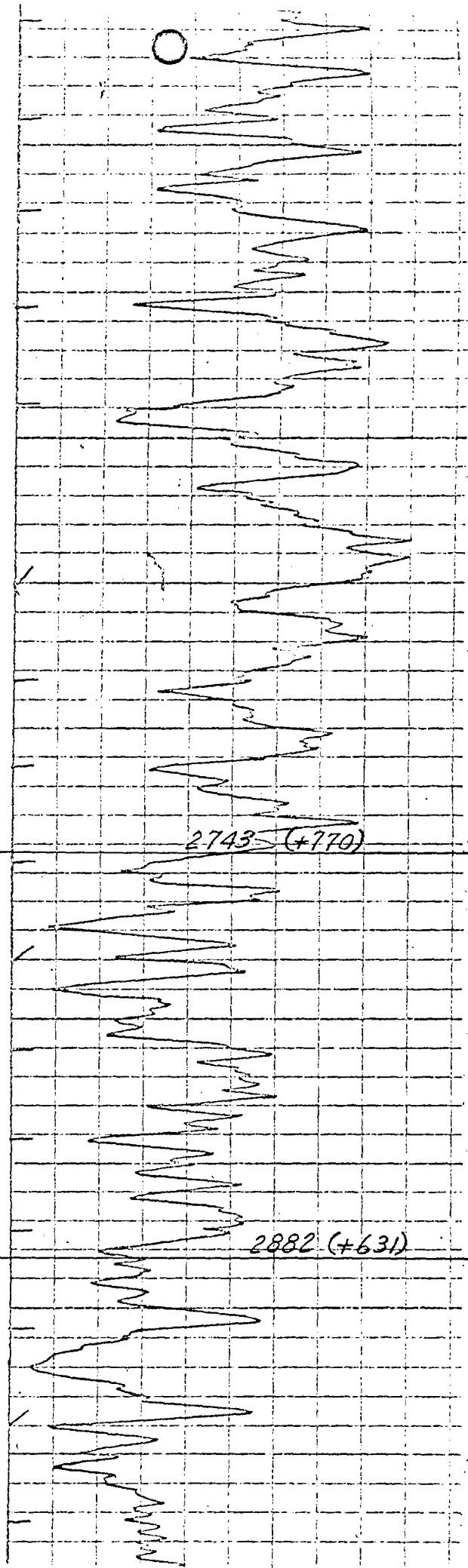
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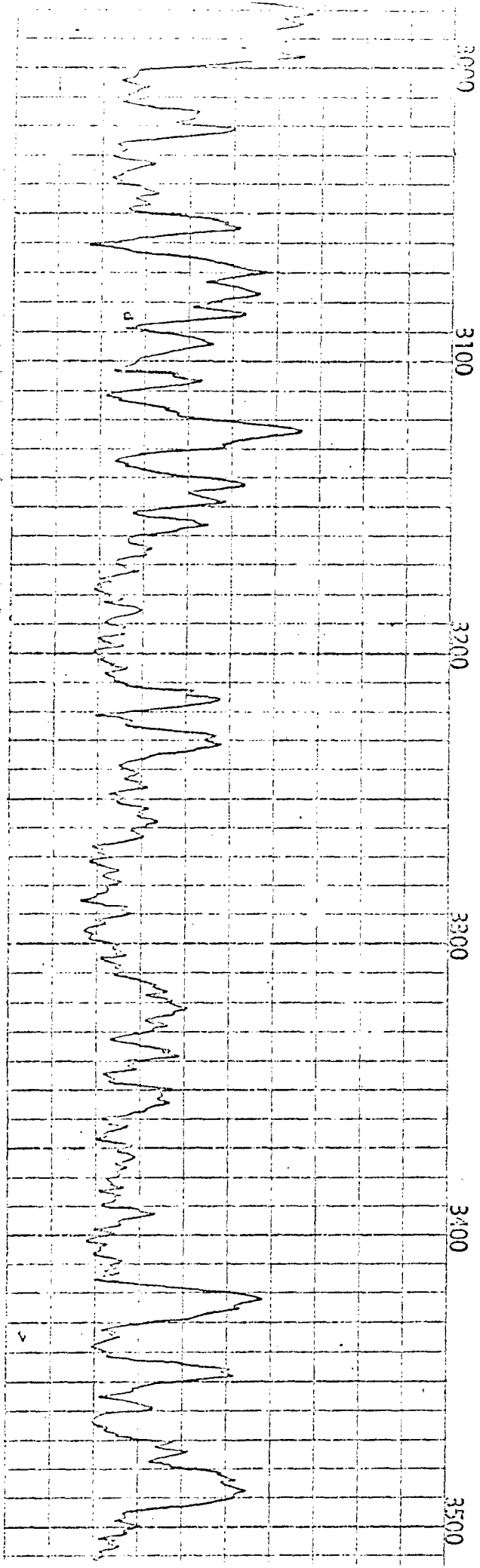
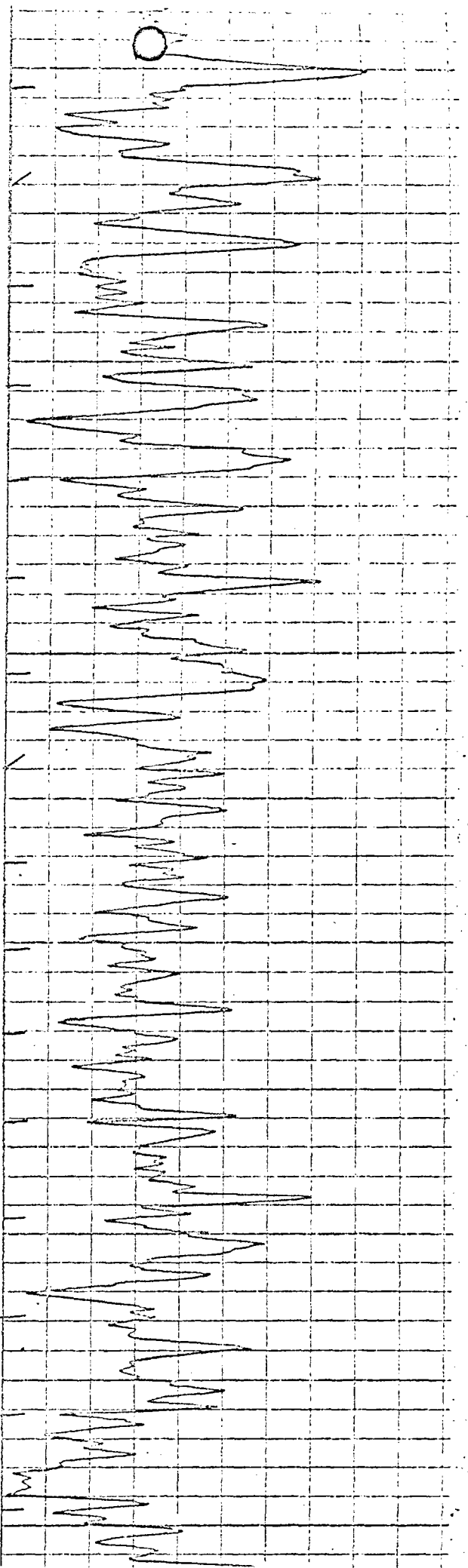
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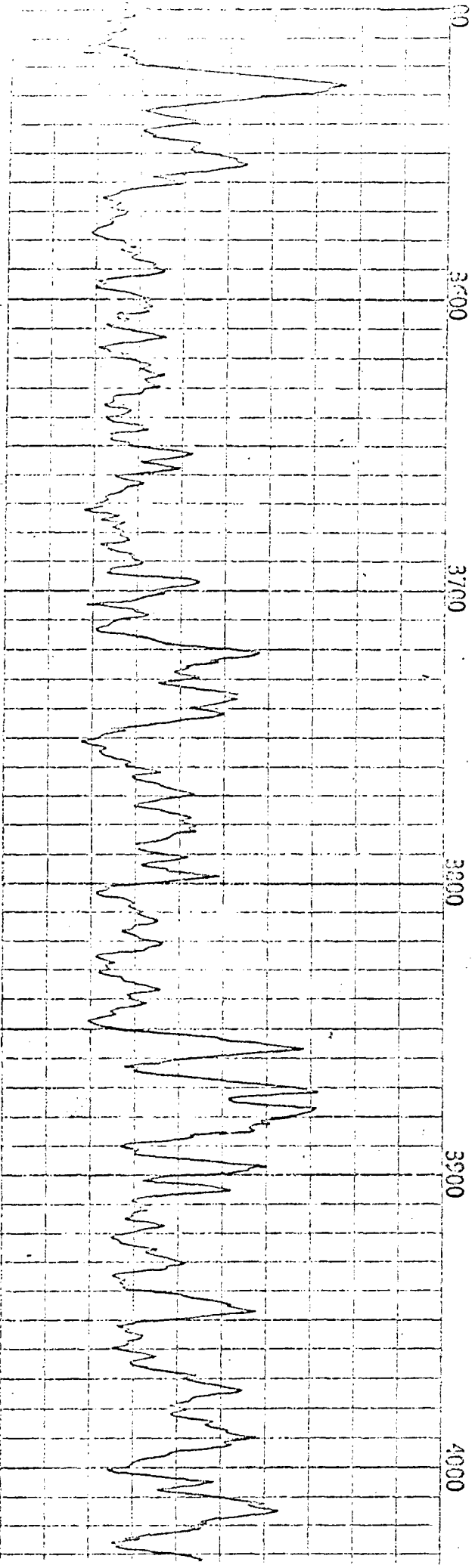
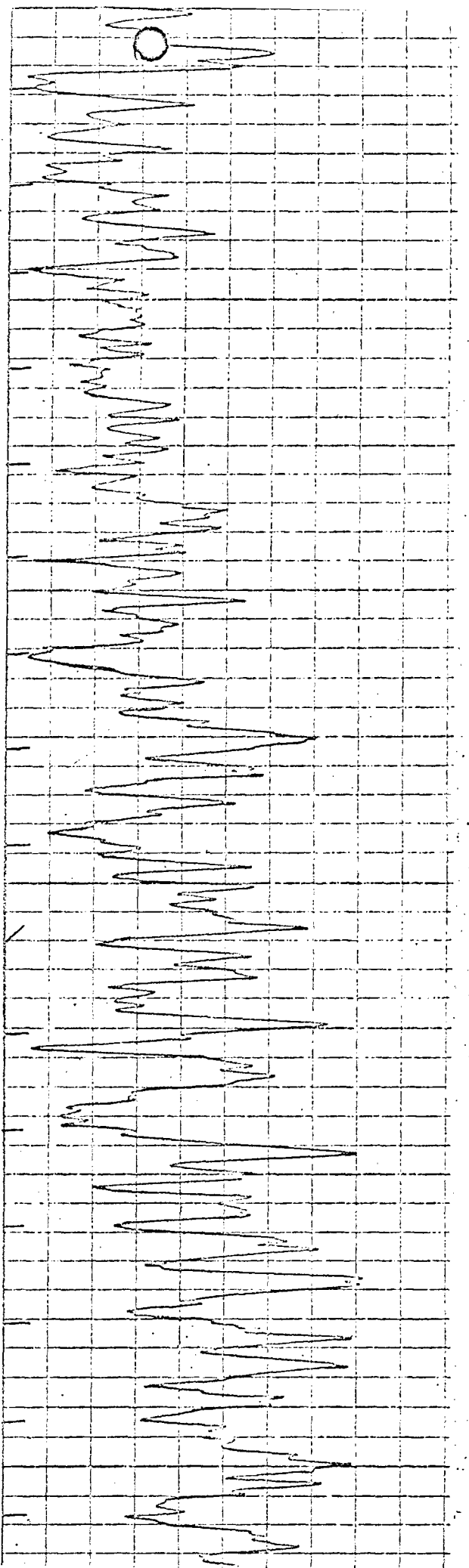
Top Anhydrite

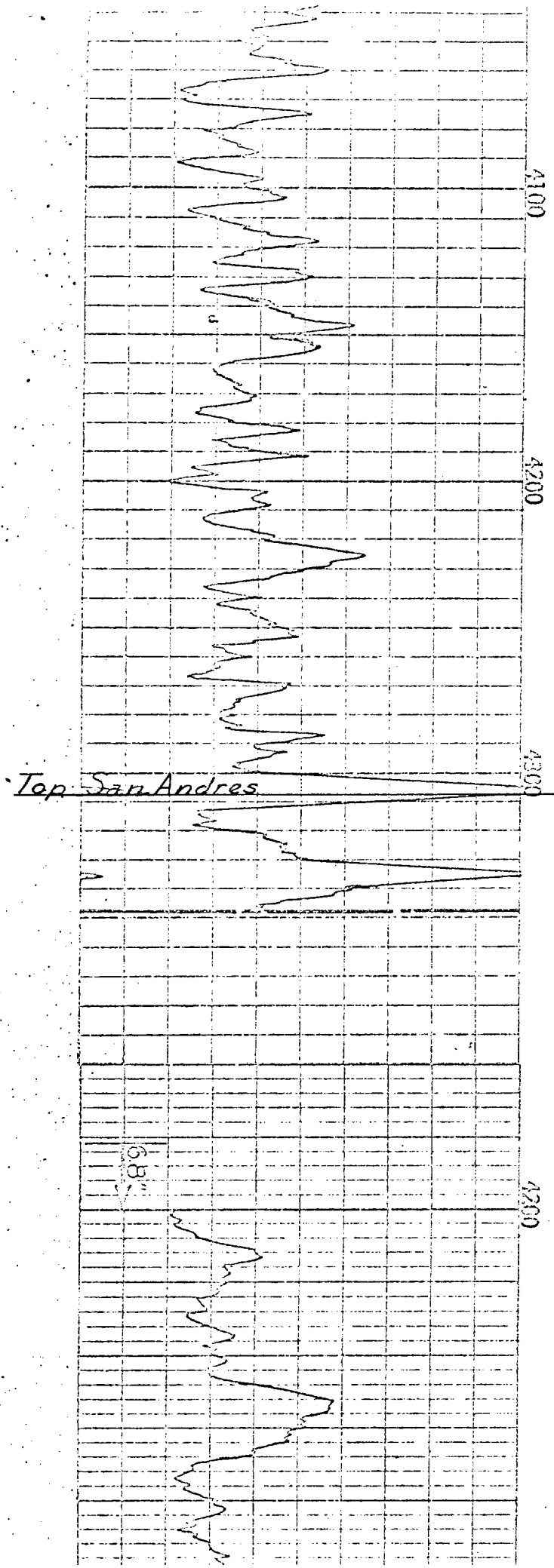
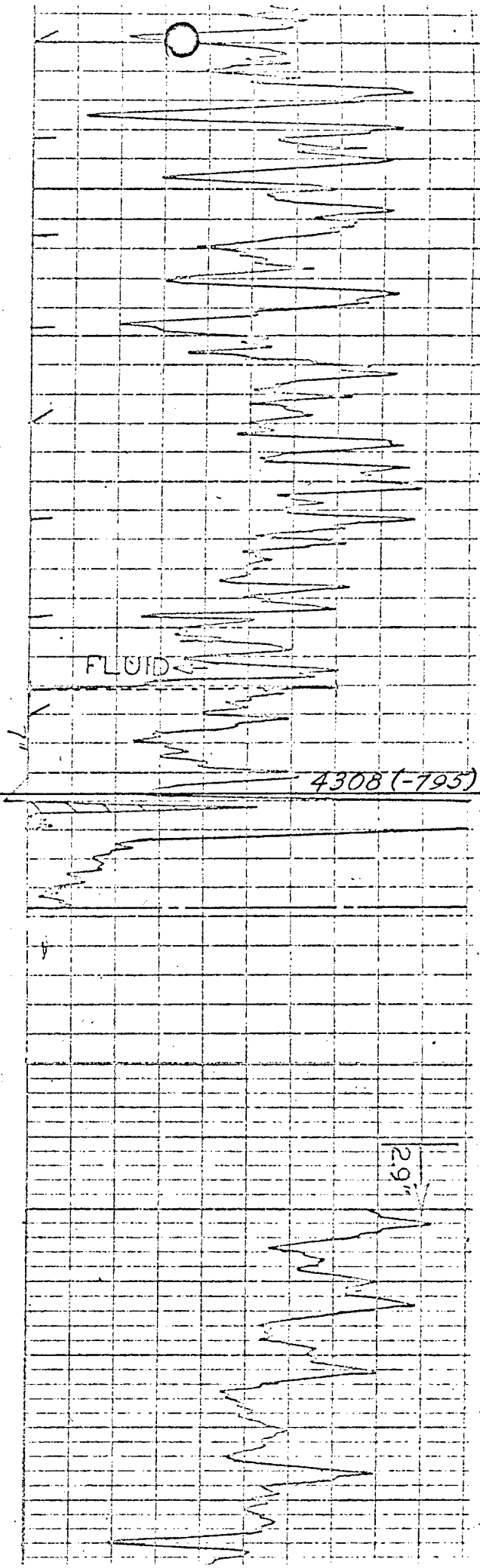
Top Salt

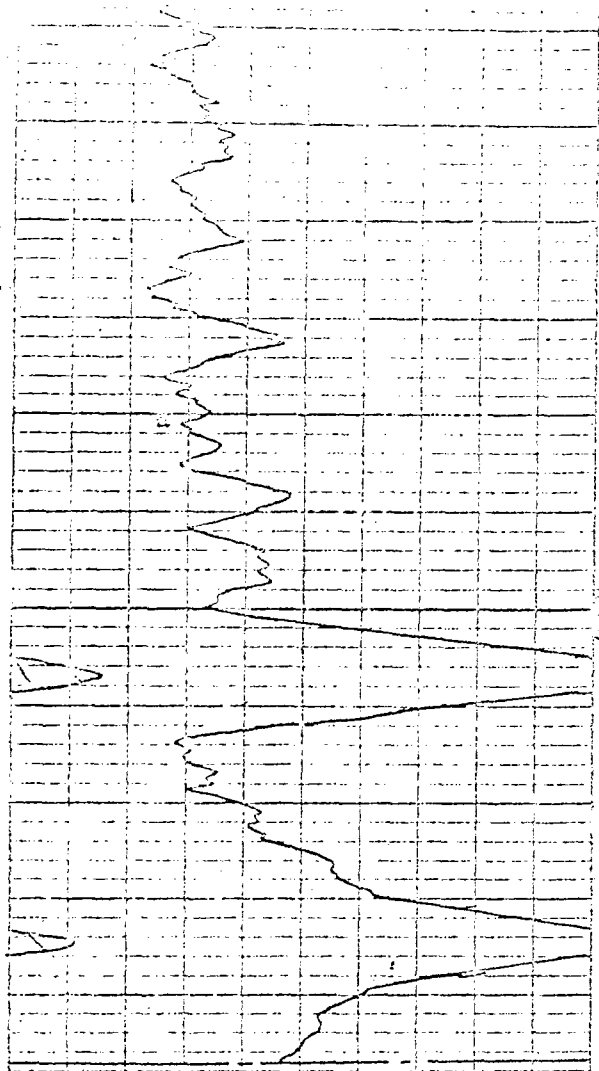












R. D. 4347'

T. D. 4349'

N. G. PENROSE, ETAL

SIMMS N° 1

ELTIMAN FIELD

