

LANE

RADIOACTIVE LOG

COMPANY

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Salvo EXHIBIT NO. *16*
CASE NO. *3049 + 3050*

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: 140° 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'

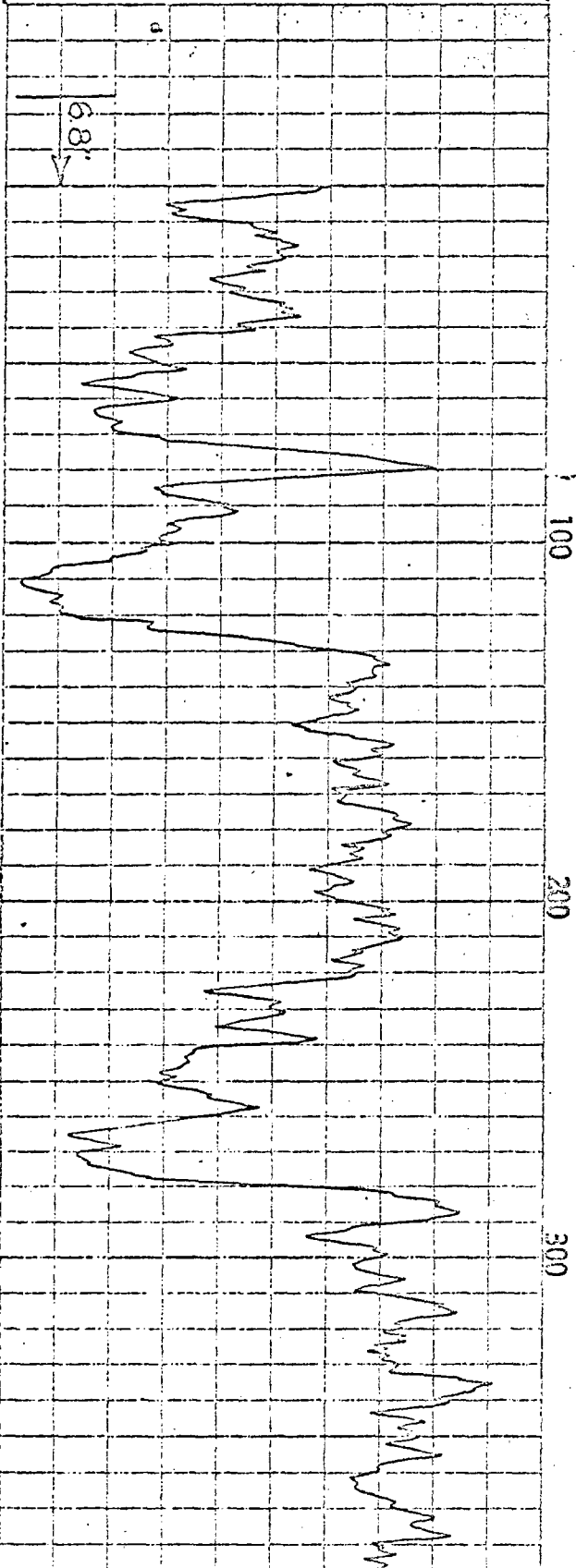
TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1 N.W.	1 N.W.
DATE	4-17-52	4-17-52
TOTAL DEPTH (DRILLER) <u>WIRE LINE</u>	4350'	4350'
EFFECTIVE DEPTH (DRILLER)	4350'	4350'
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	4347'	4347'
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	4268'	4268'
MAXIMUM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

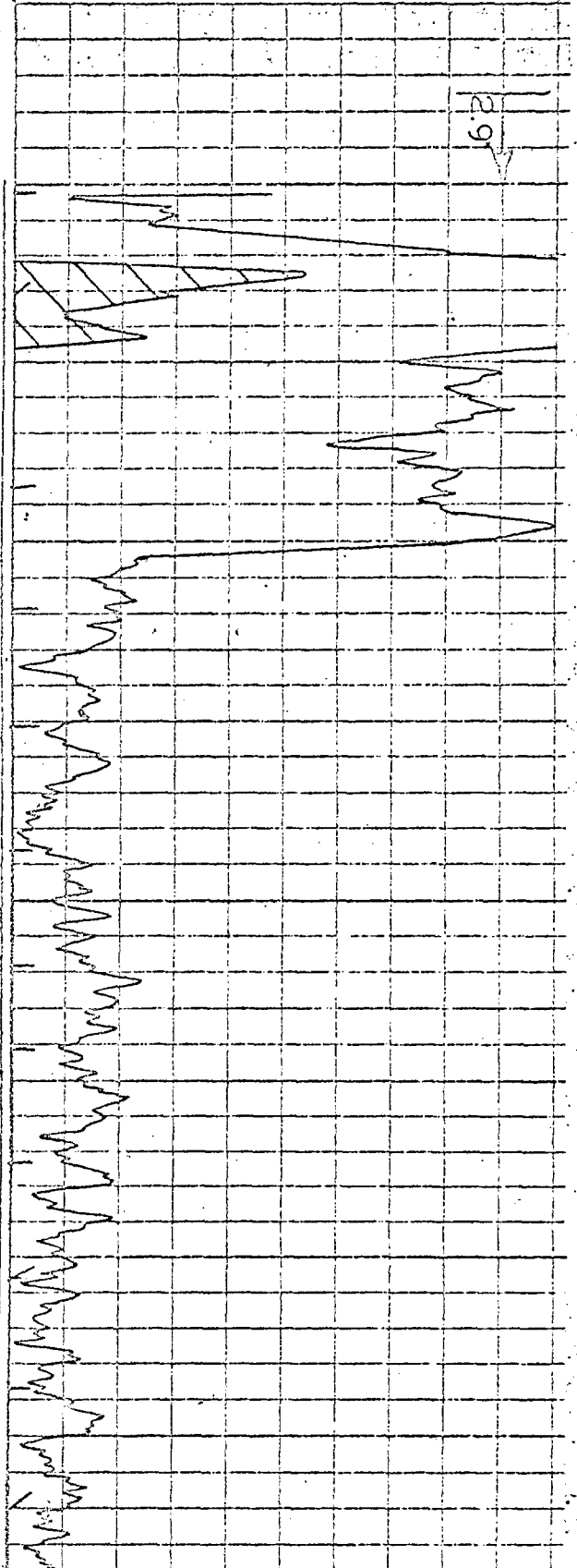
GAMMA RAY

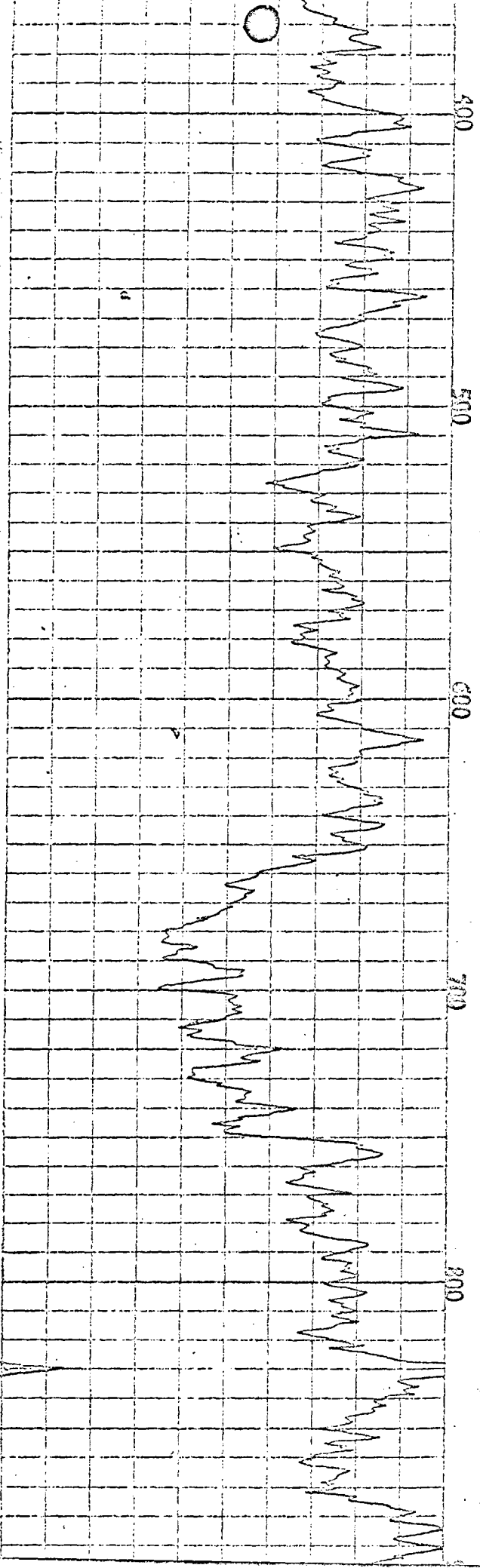
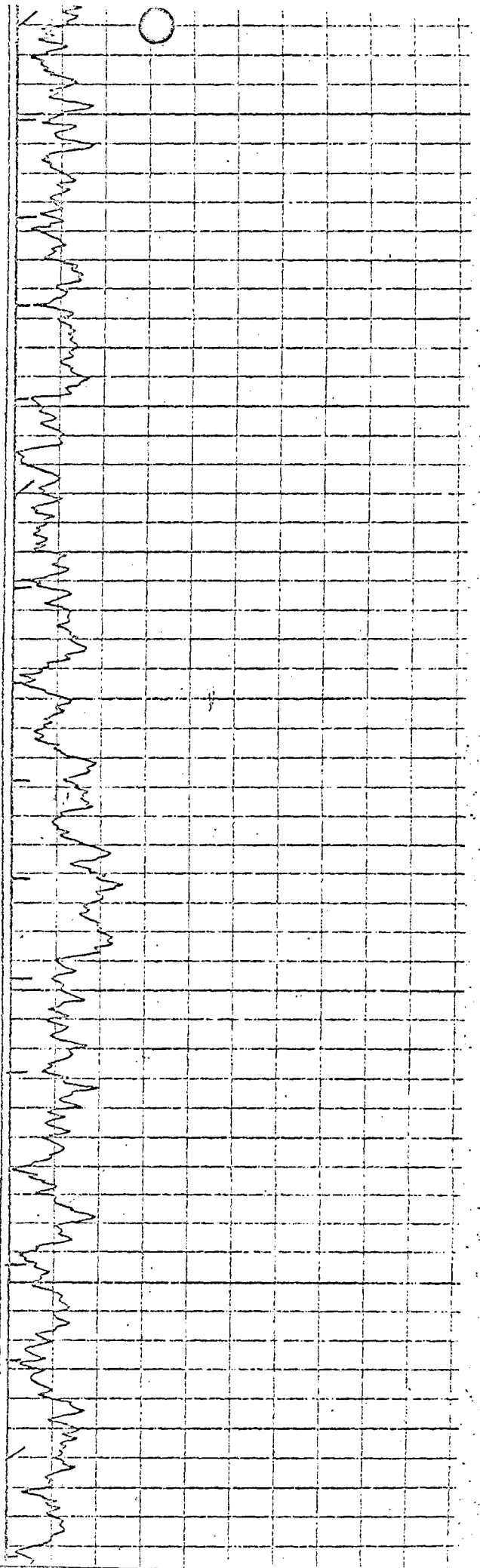
RADIATION INTENSITY INCREASES →

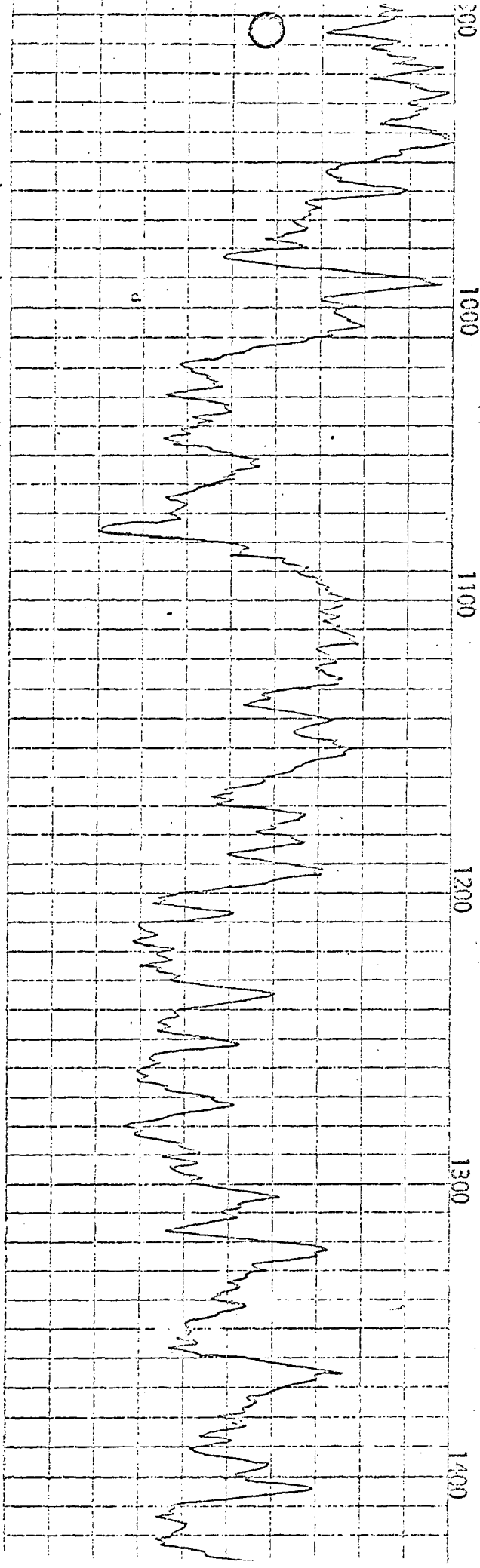
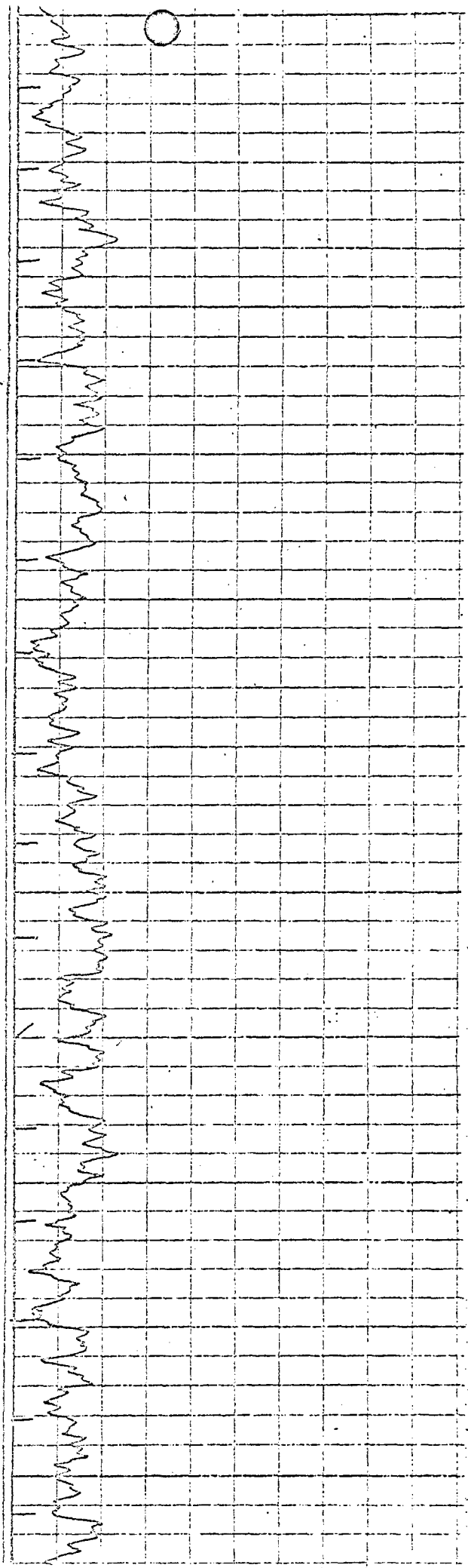


NEUTRON

RADIATION INTENSITY INCREASES →







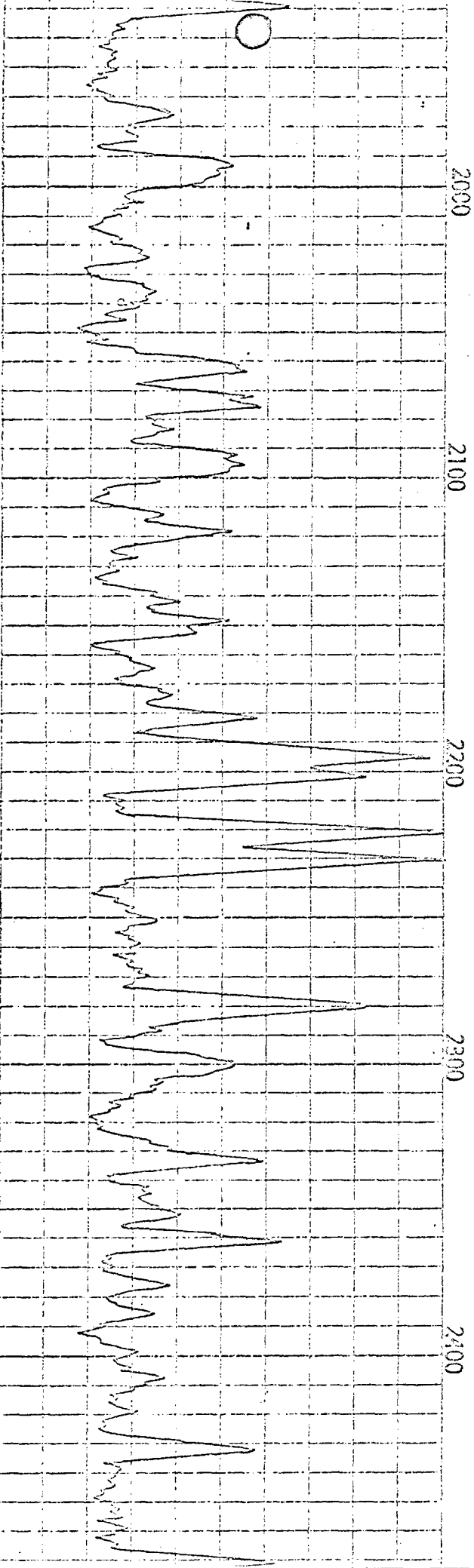
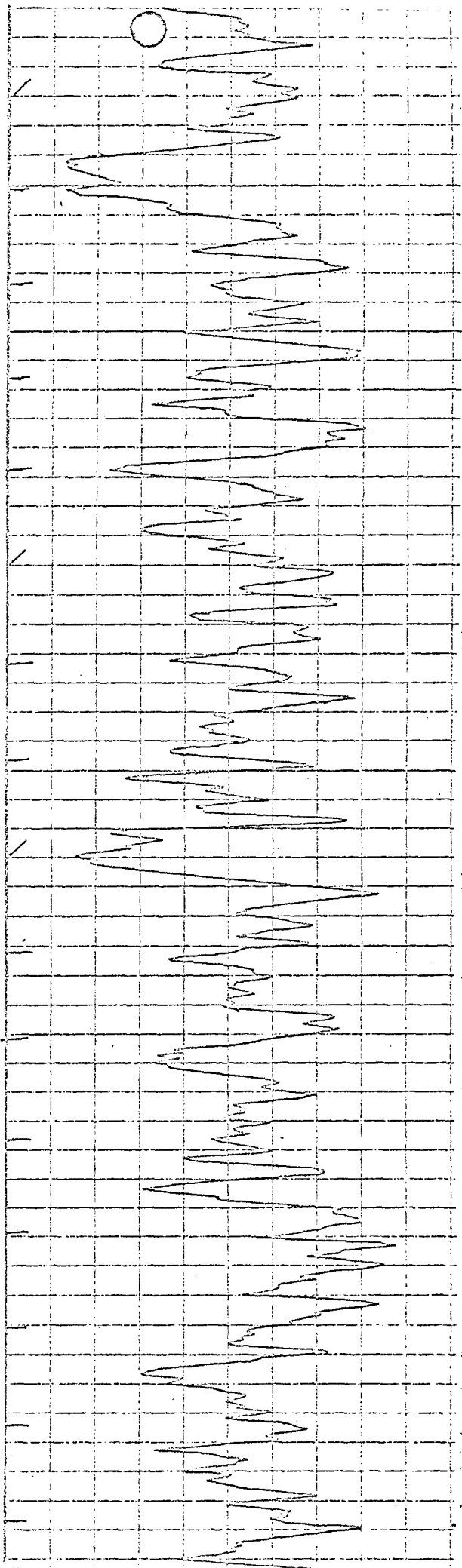
Top Anhydrite

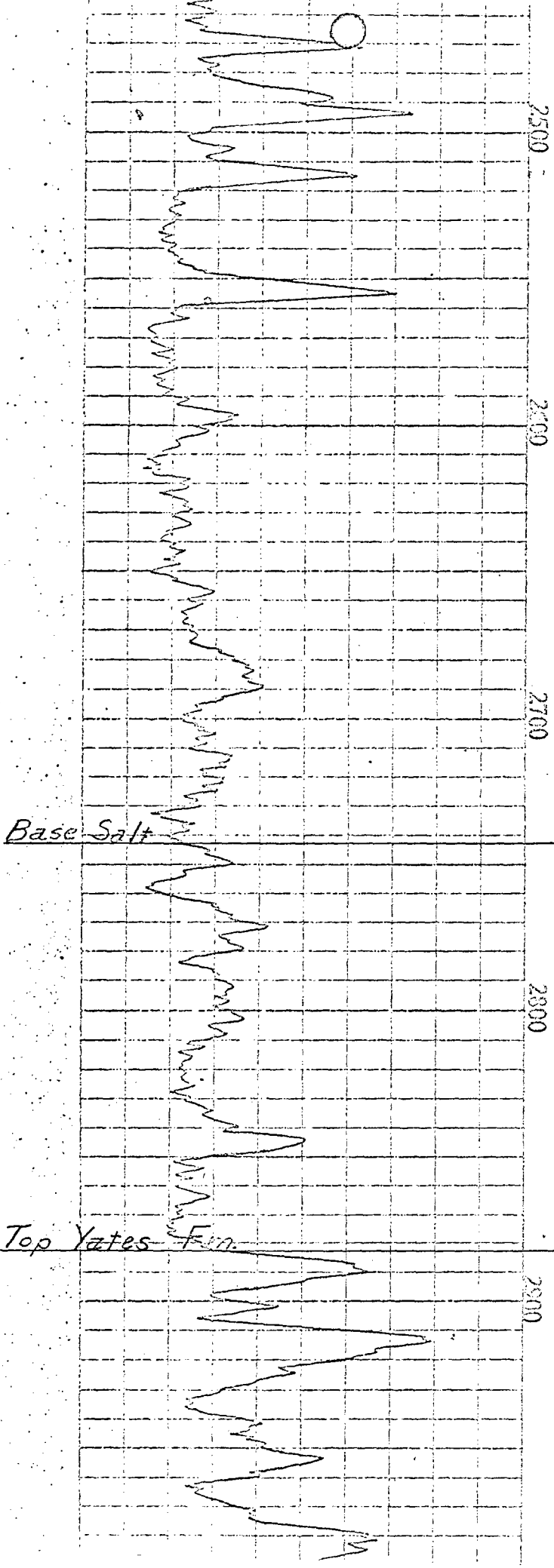
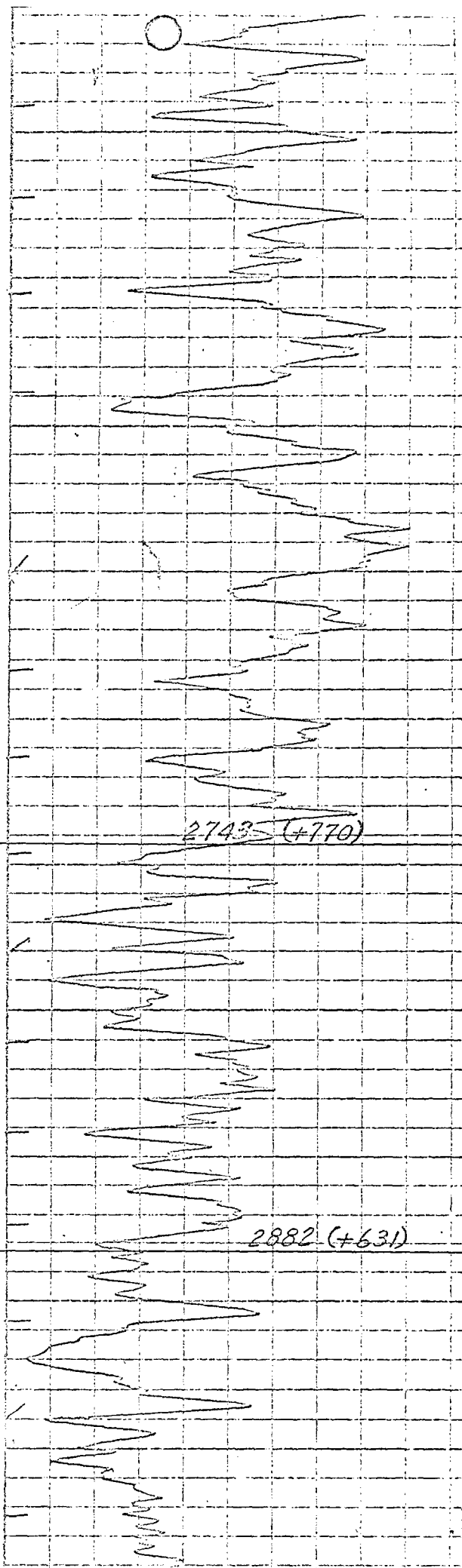
Top Salt

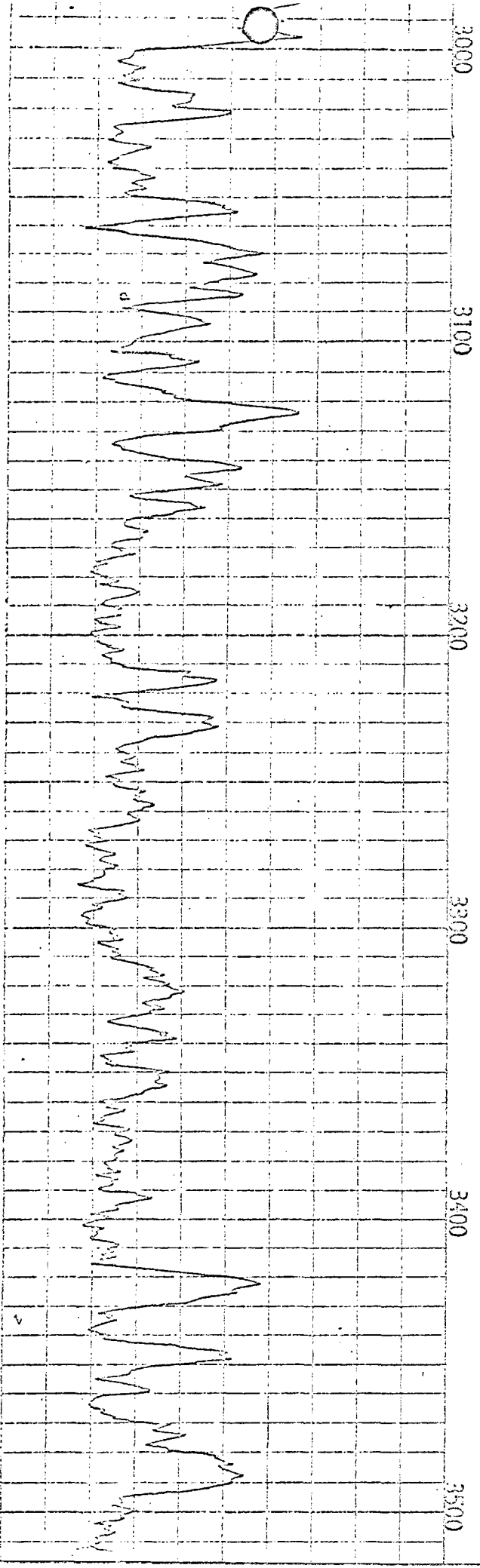
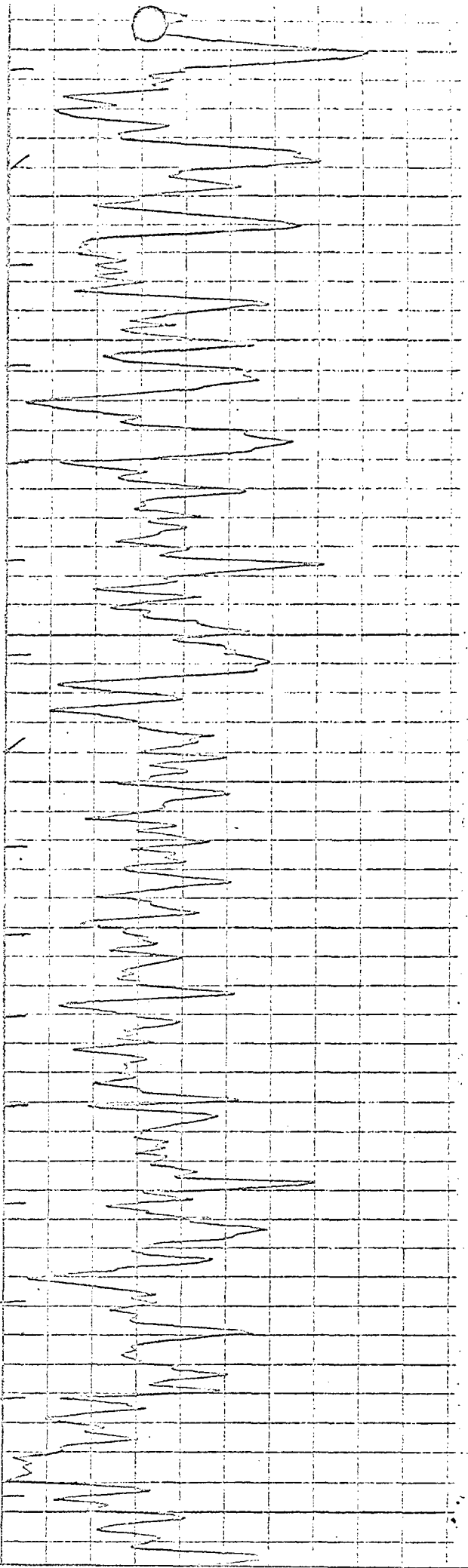
9 5/8"

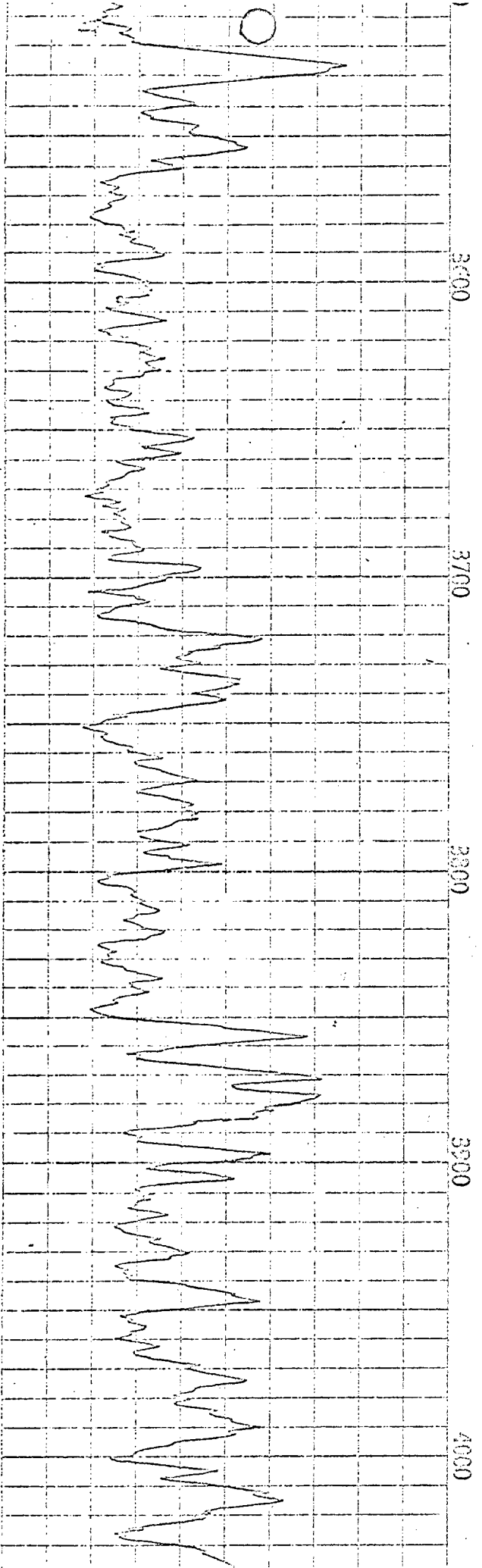
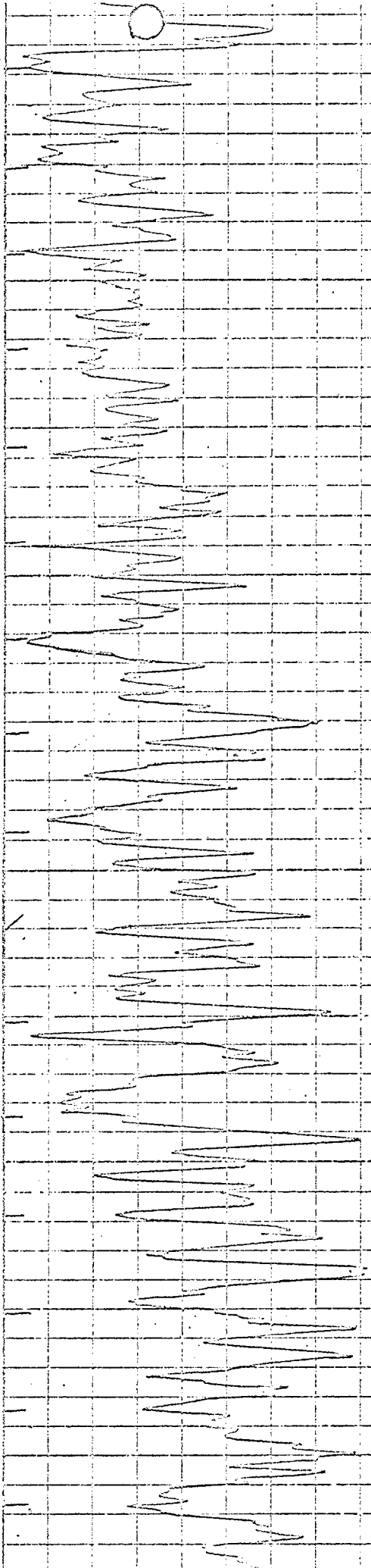
1612 (+1901)

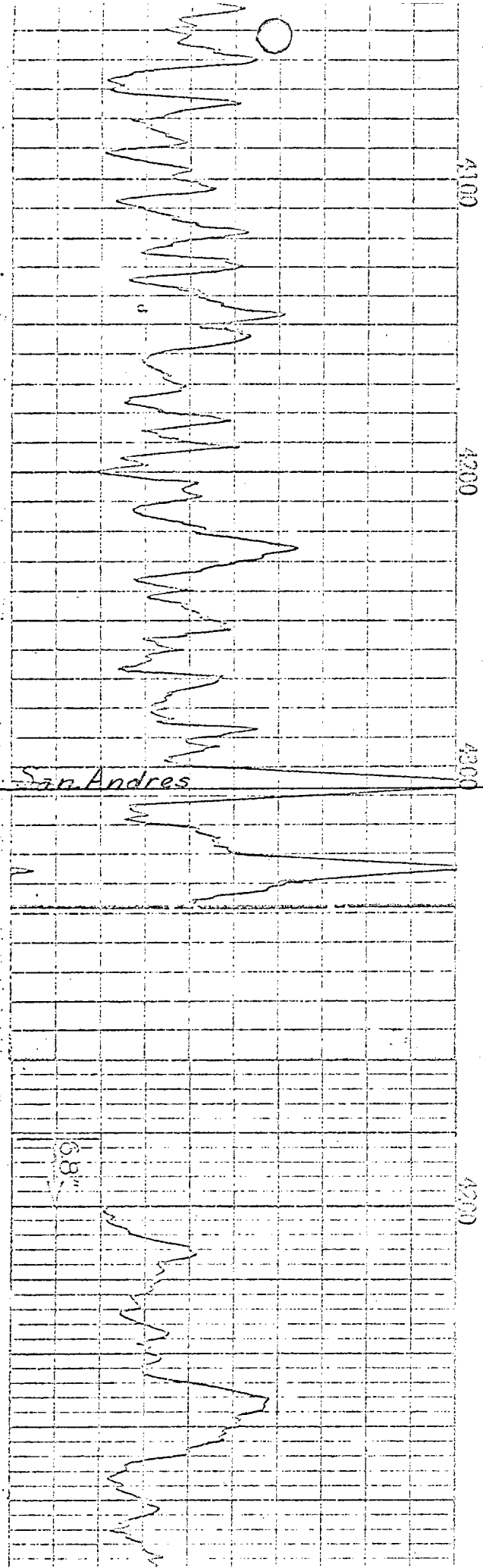
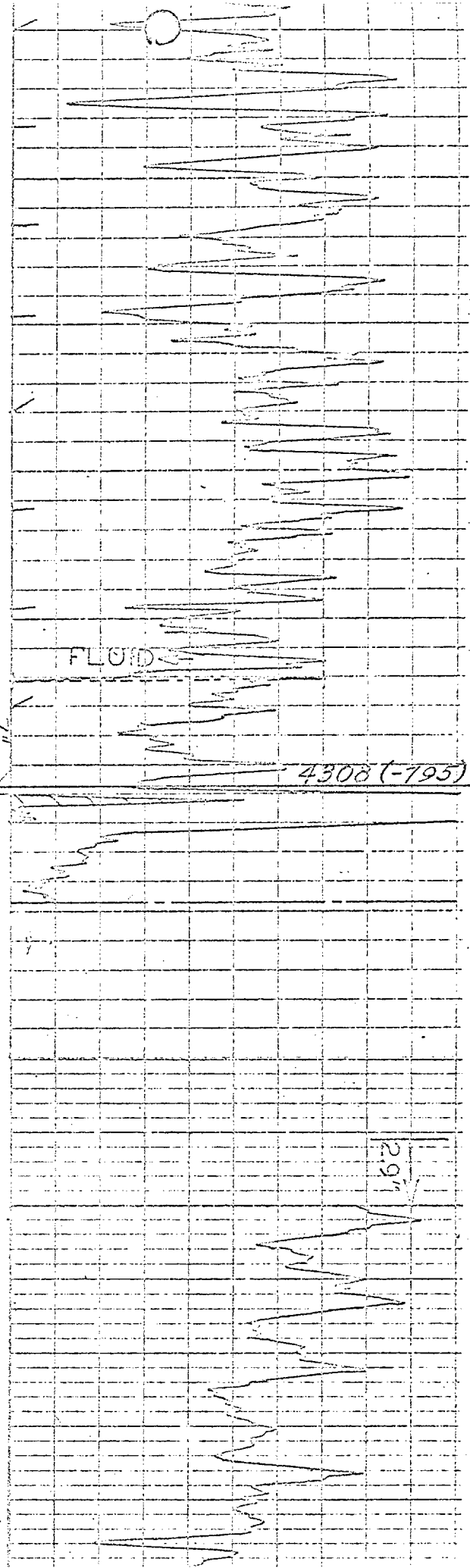
1670 (+1843)

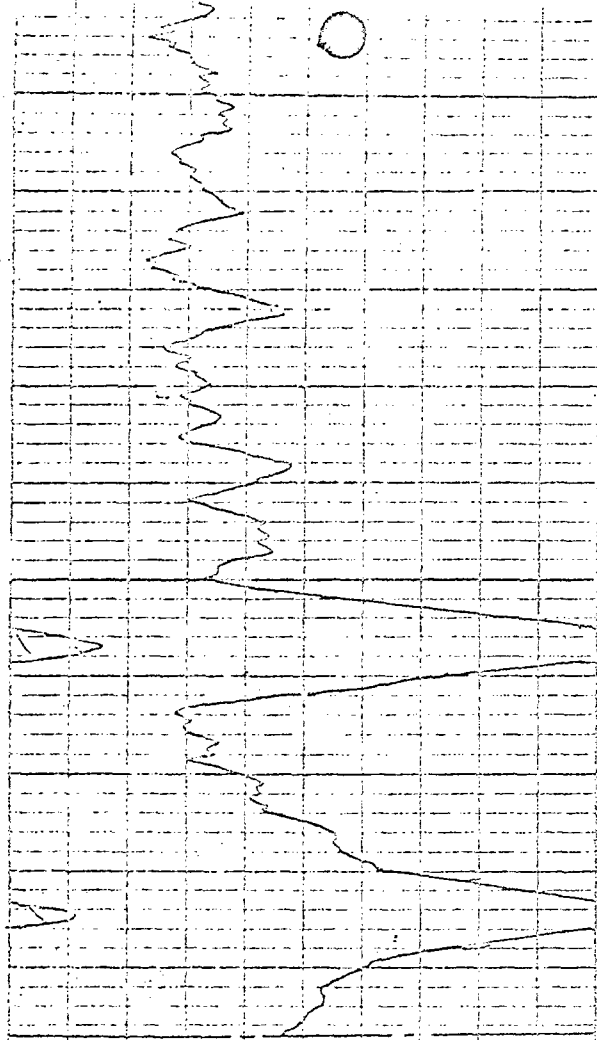












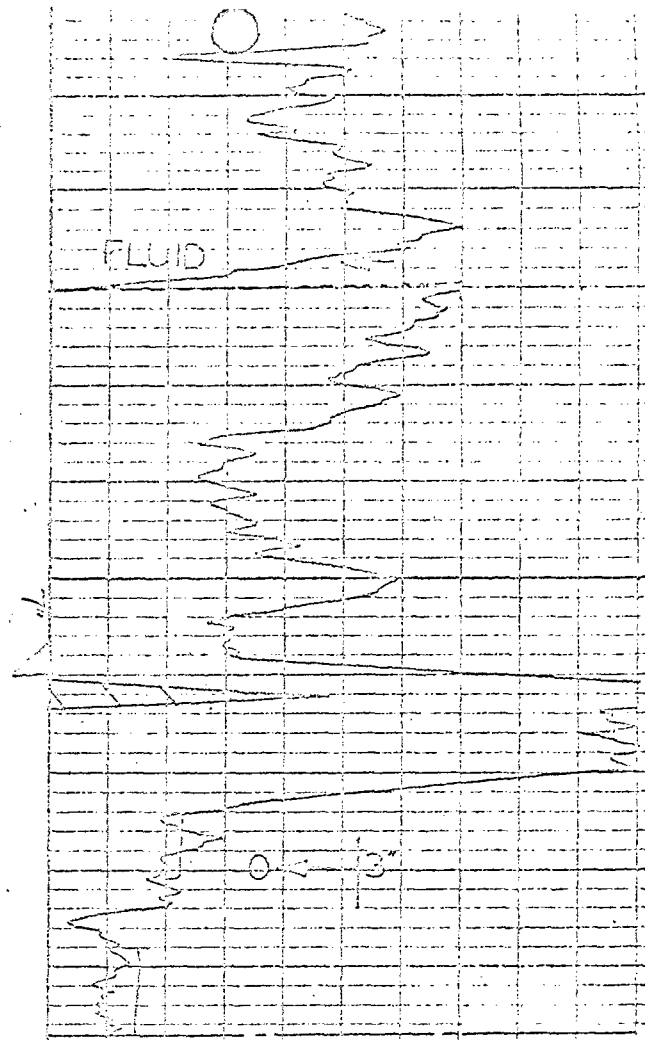
R. D. 4347'

T. D. 4349'

N. G. PENROSE, ETAL

SIMMS N° 1

BITTMAN FIELD



FLUID

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 15

CASE NO. 3049 + 3050

LOG NO. 1219

COMPANY: PENROCK, NEVILLE

WELL: SOUTHLAND # 4

HEAD: LITTHAM

COUNTY: ANDREWS STATE: TEXAS

LOCATION: 1760'PSL 2060'PEL SEC.5

FILE NO.

LOG NO. 1219

LOG MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552

DRILG. MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552

PERM. DATUM: G.L. ELEV. 3550

BLK. A-29 PSL SURVEY

LOG MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552

DRILG. MEAS. FROM: 2' ABOVE WELL HEAD ELEV. 3552

PERM. DATUM: G.L. ELEV. 3550

RUN NO.	ONE	ONE
TYPE OF LOG	G/L	NEUTRON
DATE	1-27-53	1-27-53
TOTAL DEPTH (OPERATOR)	4350	4350
EFFECTIVE DEPTH (OPERATOR)	4350	4350
EFFECTIVE DEPTH (WESTERN)	4350	4350
TOP OF LOGGED INTERVAL	1760	1760
BOTTOM OF LOGGED INTERVAL	2060	2060
TYPE OF FLUID IN HOLE	WT.	WT.
FLUID LEVEL	2	2
NEUTRON SOURCE TYPE	600K	600K
SOURCE SPACING	3.25	3.25
LENGTH OF DETECTOR	8	8
O.D. OF INSTRUMENT	3 5/8	3 5/8
TIME CONSTANT	3	3
LOGGING SPEED	25-30	25-30
STATISTICAL VARIATION	23	23
SENSITIVITY REFERENCE	275	275
RECORDED BY	BILL DENNIS	
CHECKED BY	TOM MARKS	

CASINO RECORD

INTERVAL

DATE NO.	BIT SIZE	CASING	WT.-LB.	FROM WELL RECORD	FROM RA LOG
0.7	5 1/2			SURE TO 4325	TO
0.7	6 3/4			4325 TO 4350	TO
				TO	TO
				TO	TO
				TO	TO

REMARKS

CALIBRA RAY

NEUTRON

RADIATION INTENSITY INCREASES

RADIATION INTENSITY INCREASES

II I E C I R I E

720'

1400

1500

1600

Top Anhydrite

Top Salt

1700

1800

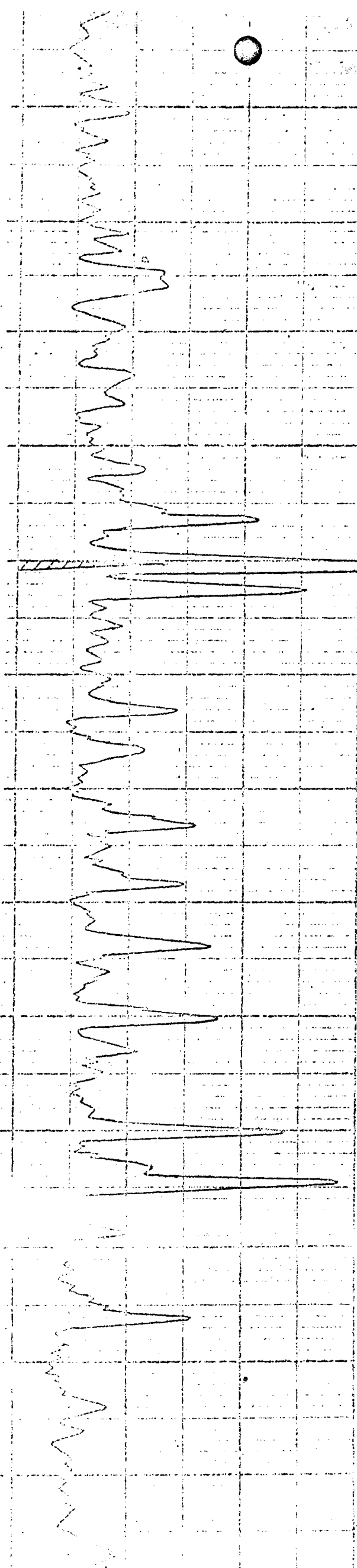
1900

2000

12'

1637 (+1915)

1698 (+1854)



2100

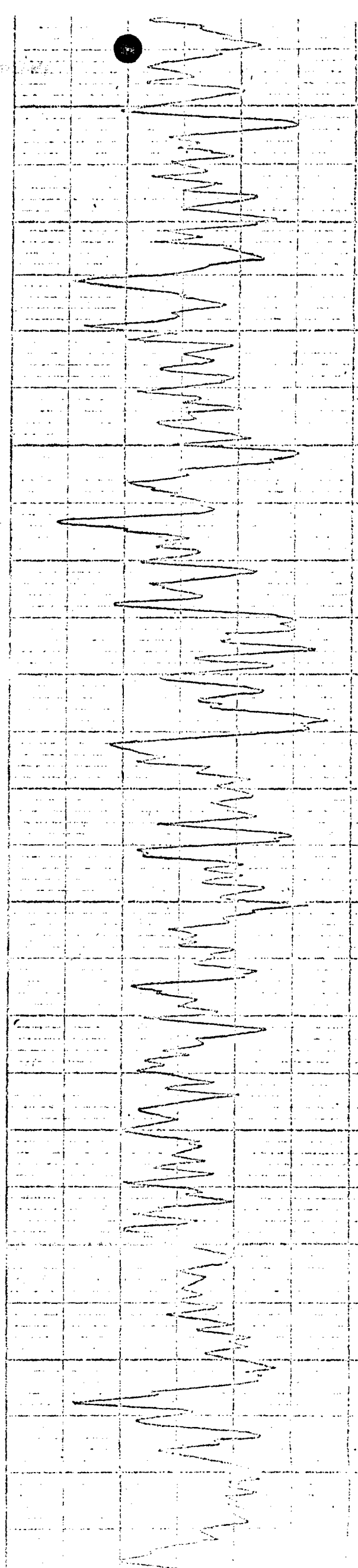
2200

2300

2400

2500

2600



Base Salt

2700

2762 (+790)

2800

Top Yates Fm

2900

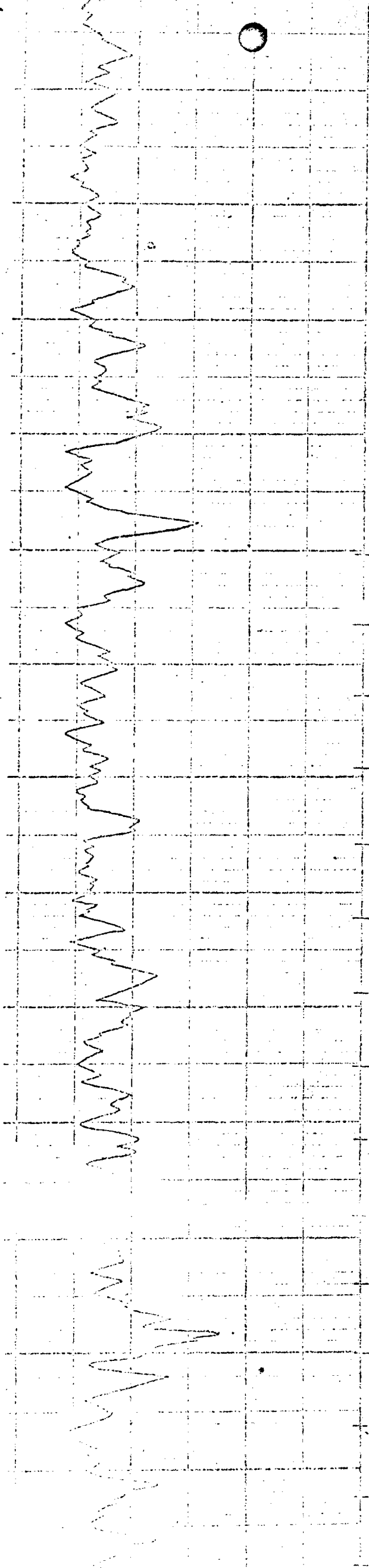
2898 (+654)

3000

3100

3200

3300



3400

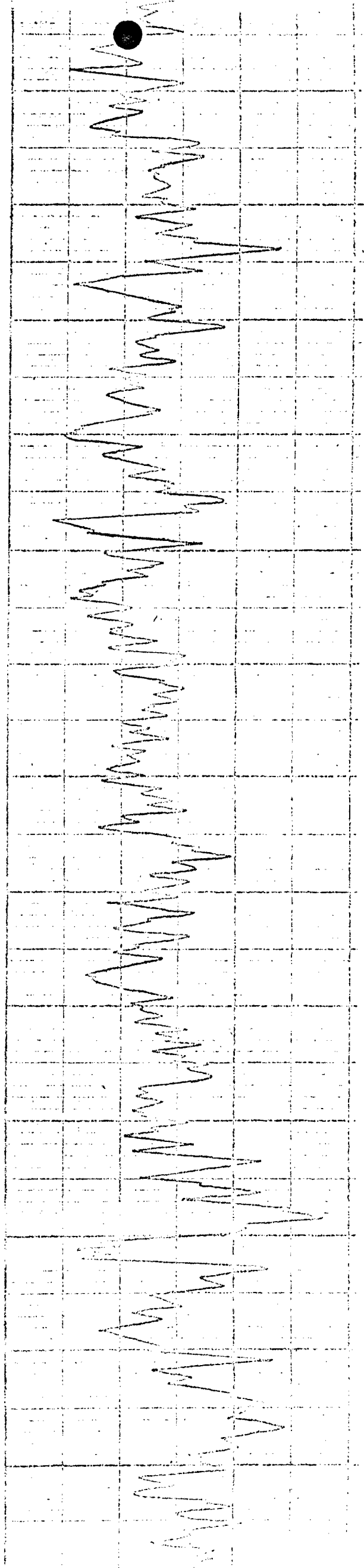
3500

3600

3700

3800

3900



4000

4100

4200

4300

2/1 5

Top San Andres Fm.

4322 (-770)

R.D. 4344'

R.D. 4346'

70'

1.2

4500

0 2'

0 3'

R.D. 4344'

R.D. 4346'

PENROSE, NEVILLE

T.D. 4346

PENROSE, NEVILLE

SOUTHLAND NO. 4

LITTMAN FLD.

ANDREWS CO. TEX.

STATISTICAL AT 1403'