

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
FORMATION DENSITY

STATE COM #4
COMPANY YATES PETROLEUM CORP

COMPANY YATES PETROLEUM CORPORATION

WELL STONEMALL "EP" STATE COM #4

FIELD BURTON FLAT 7

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980' FNL & 660' FEL

API SERIAL NO 30 SEC 20-S TWP. 28-E RANGE

Other Services: DLL

Datum: G.L. Elev.: 3260
ed From K.B. 16 ft. Above Perm. Datum
asured From K.B. Elev.: K.B. 3276
D.F. 3260
G.L. 3260

7-2-78
ONE RECEIVED

er 11572
er 11583
rval 11582
val SURF
er 8 5/8 @ 2877 @
er 2810 @
7 7/8 @
B.C.C.
ADDITIONAL OFFICE

Hole BARITE DRIS PAC. S.W. GEL. BRINE

isc. 11.3 46 ml
f loss 9 9.1 ml
mple PIT ml

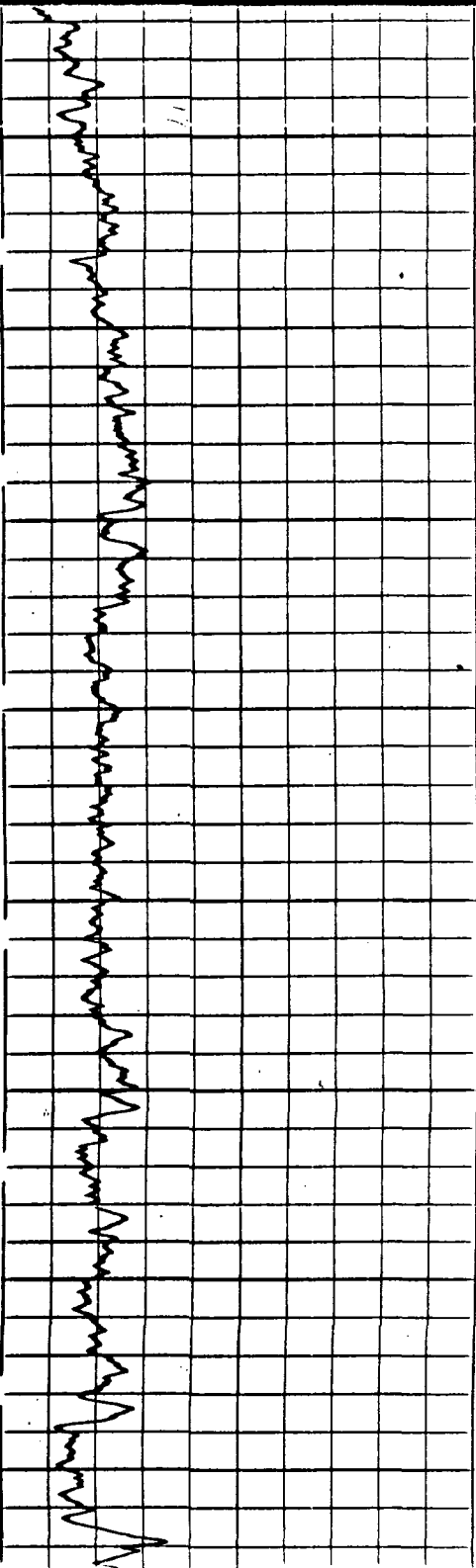
s. Temp. .052 @ 98 f @ °F @ °F
s. Temp. .046 @ 94 f @ °F @ °F
s. Temp. .078 @ 98 f @ °F @ °F
Rmc M C @ °F @ °F
Stopped 1300 @ °F @ °F
Bottom 1800 °F °F

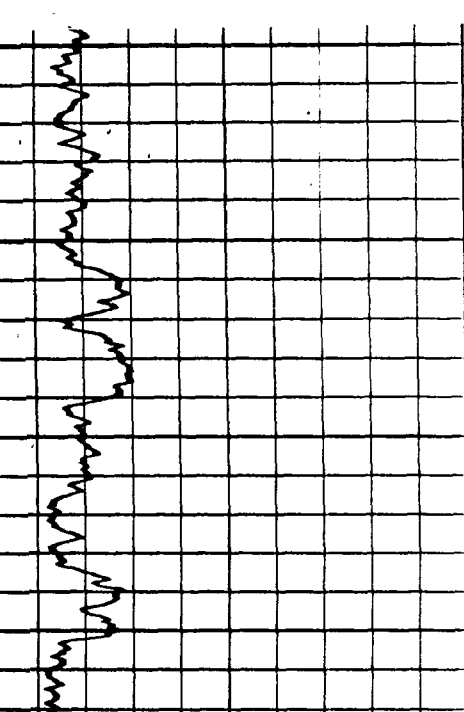
mp. 176 °F °F
tion 7732 HOBBS °F °F
KEMPER

7-18-78 034917

BEFORE EXAMINER GATANACH
OIL CONSERVATION DIVISION
EXHIBIT NO. 3
CASE NO. 8818

0100 0200 0300 0400

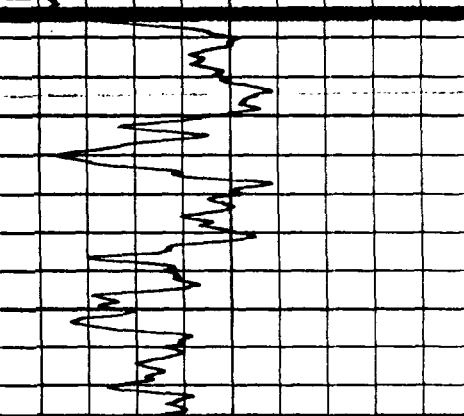
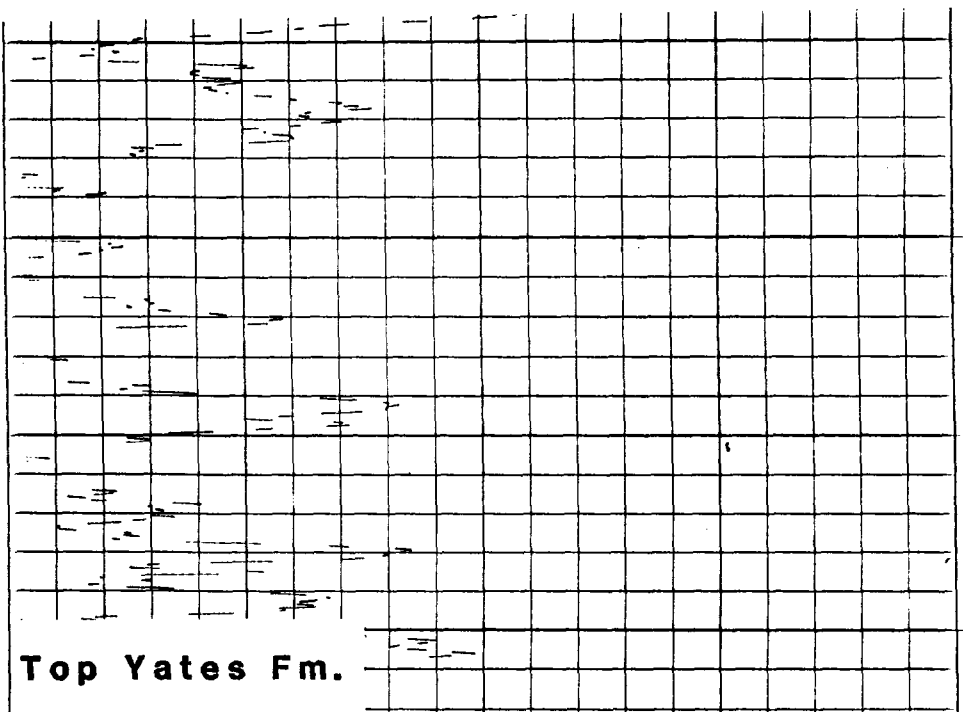




00500

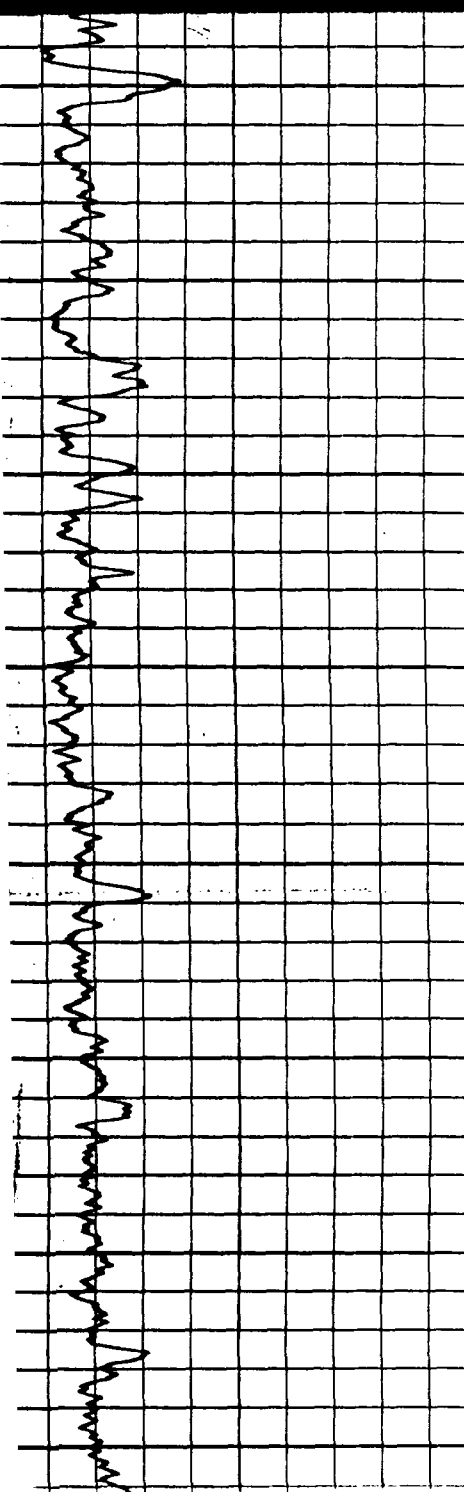
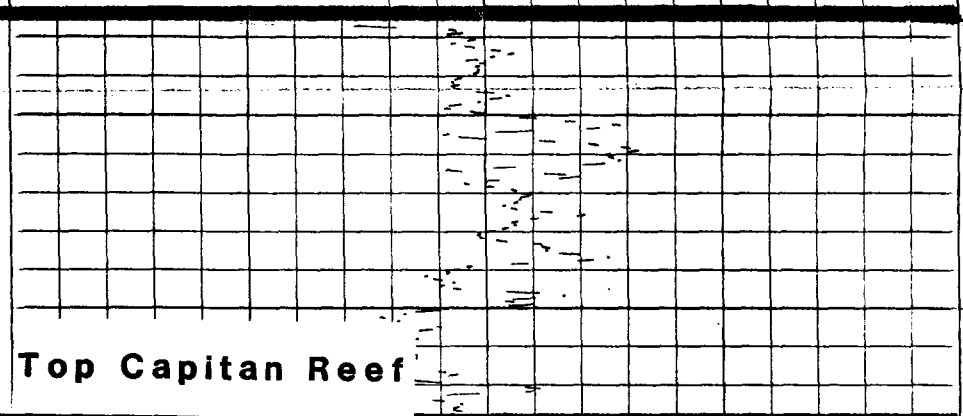
00900

Top Yates Fm.



0700

Top Capitan Reef

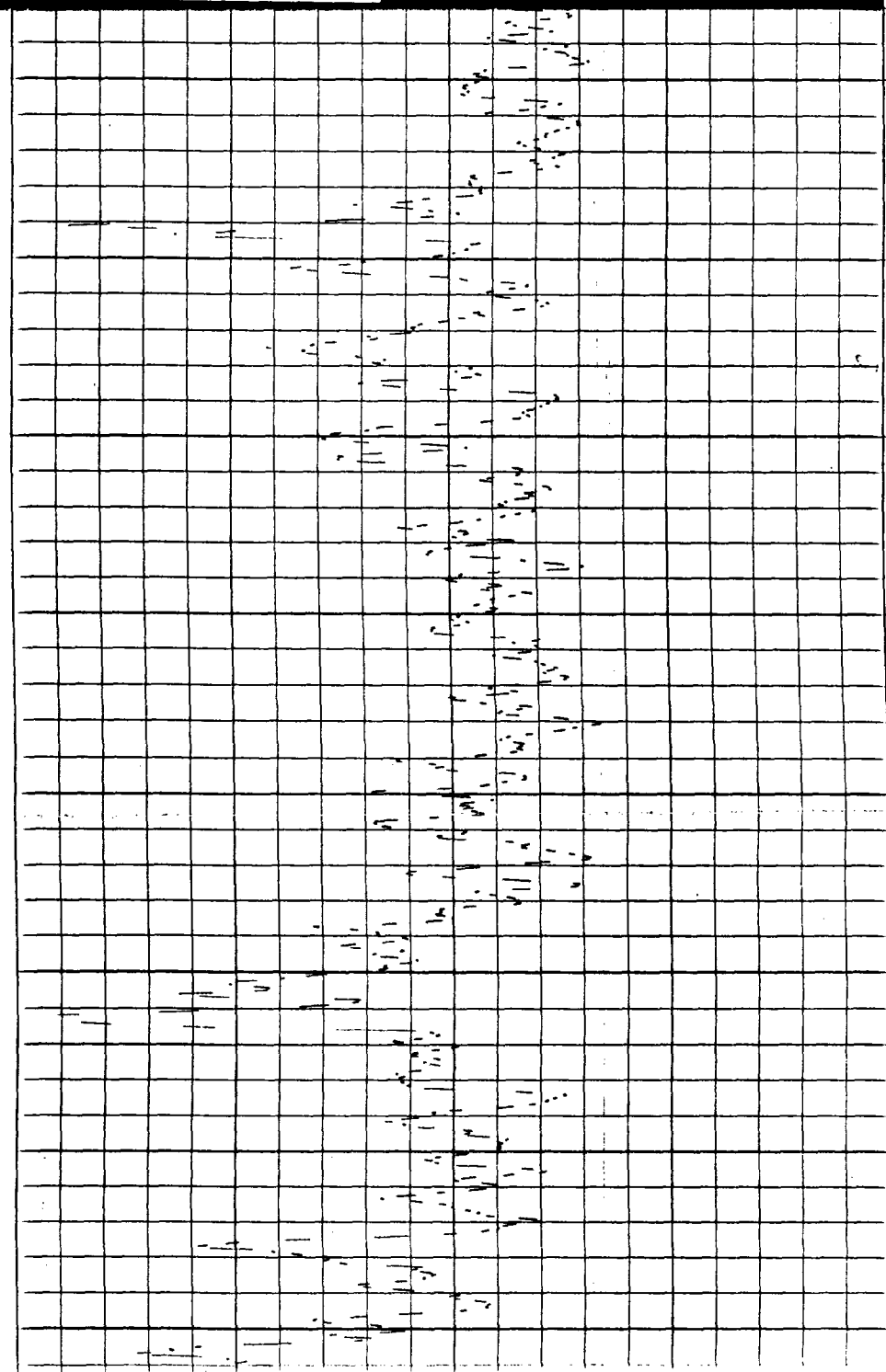


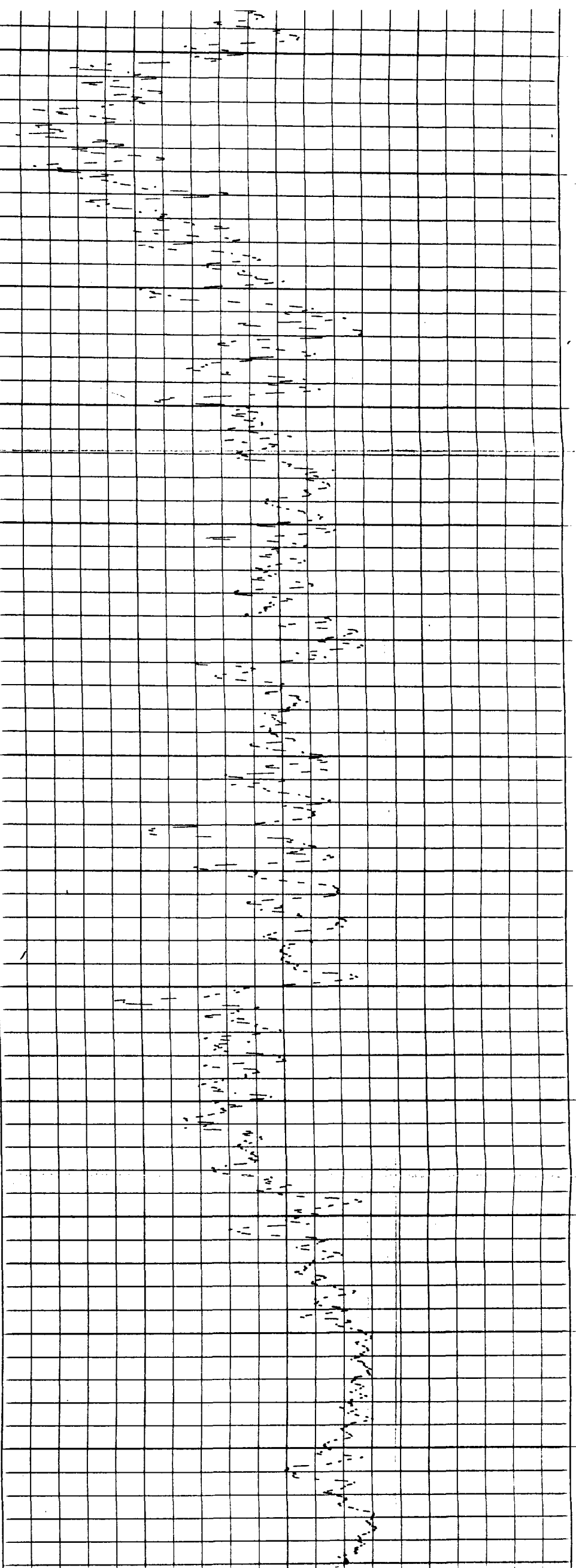
0800

0900

1000

1100





1100

1200

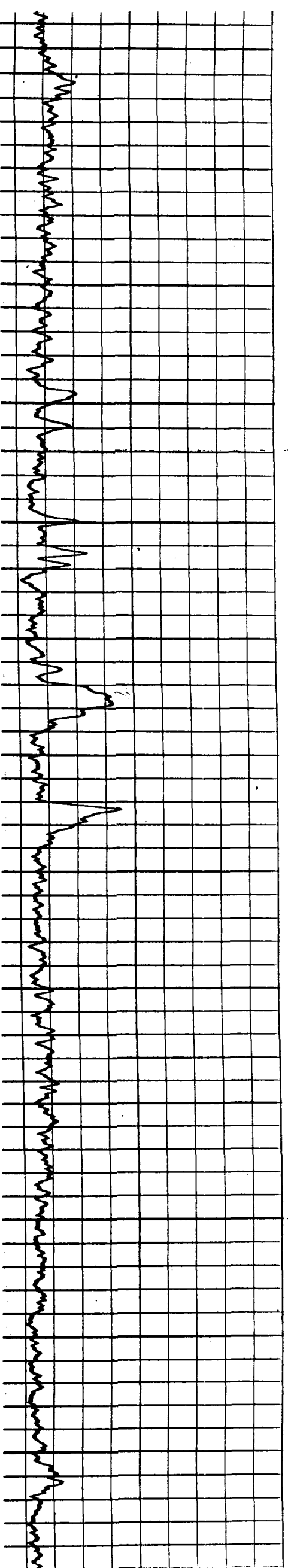
1300

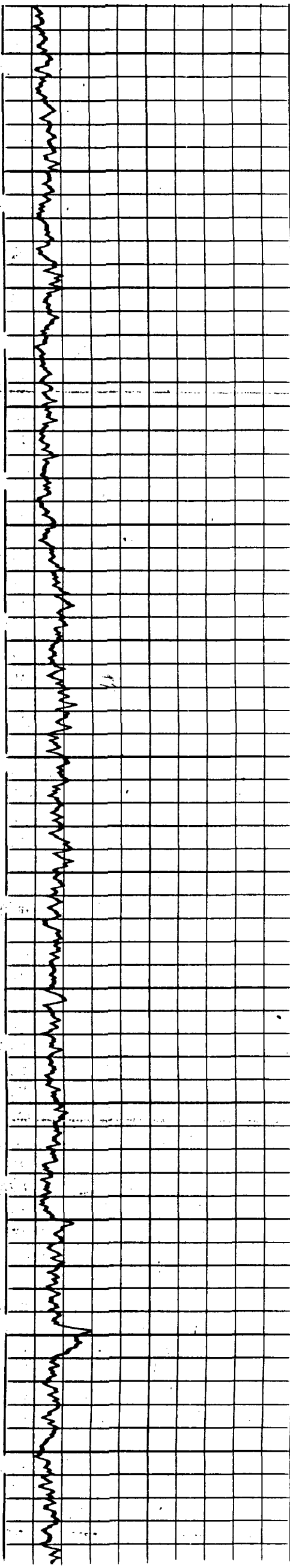
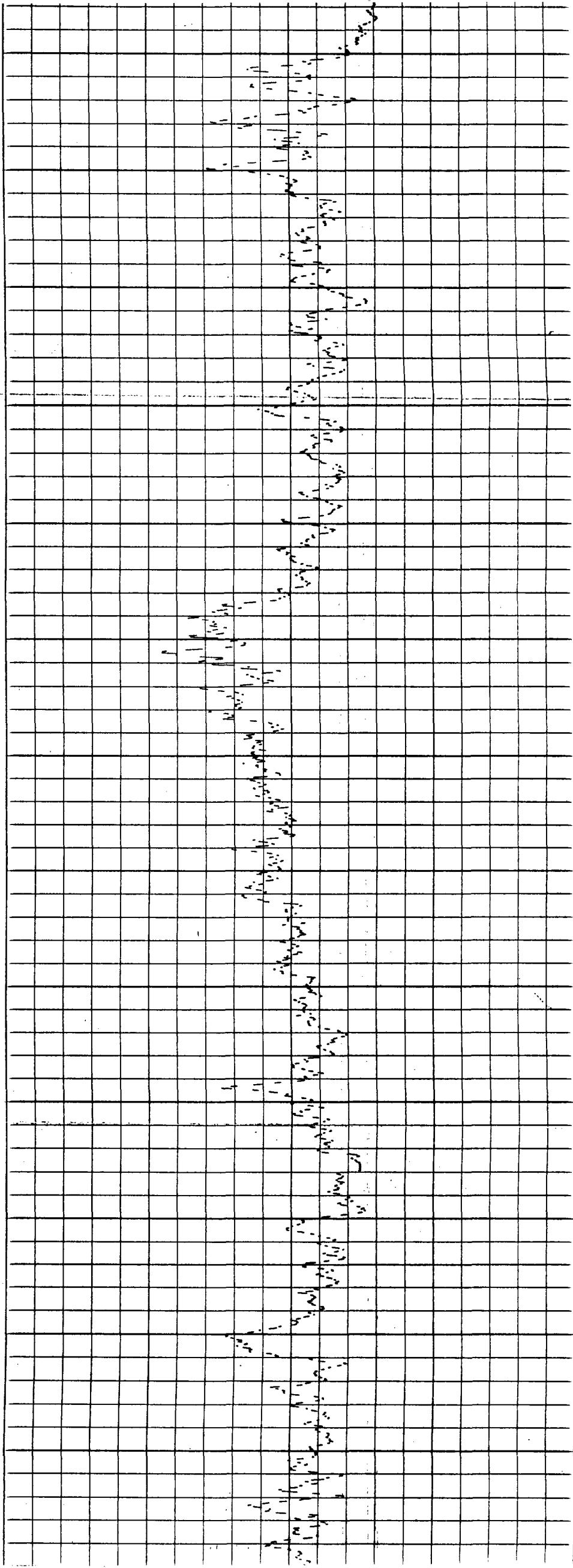
1400

1500

1600

1700





Base Capitan Reef

2500

2600

Top Delaware Fm.

2700

2800

2900

3000

SCALE CHANGE

○ CNL - Cased Hole

○ CNL - Open Hole

cor.

Galiper

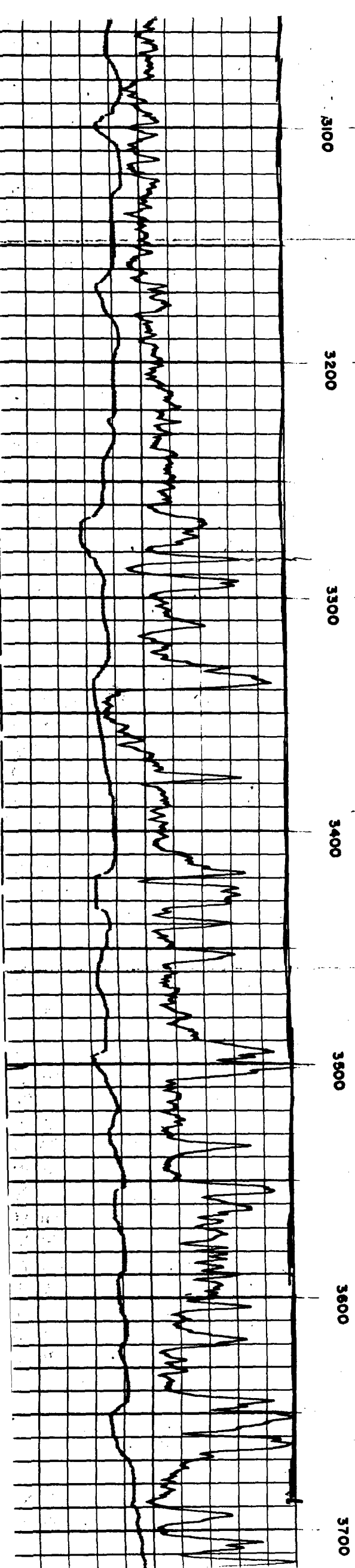
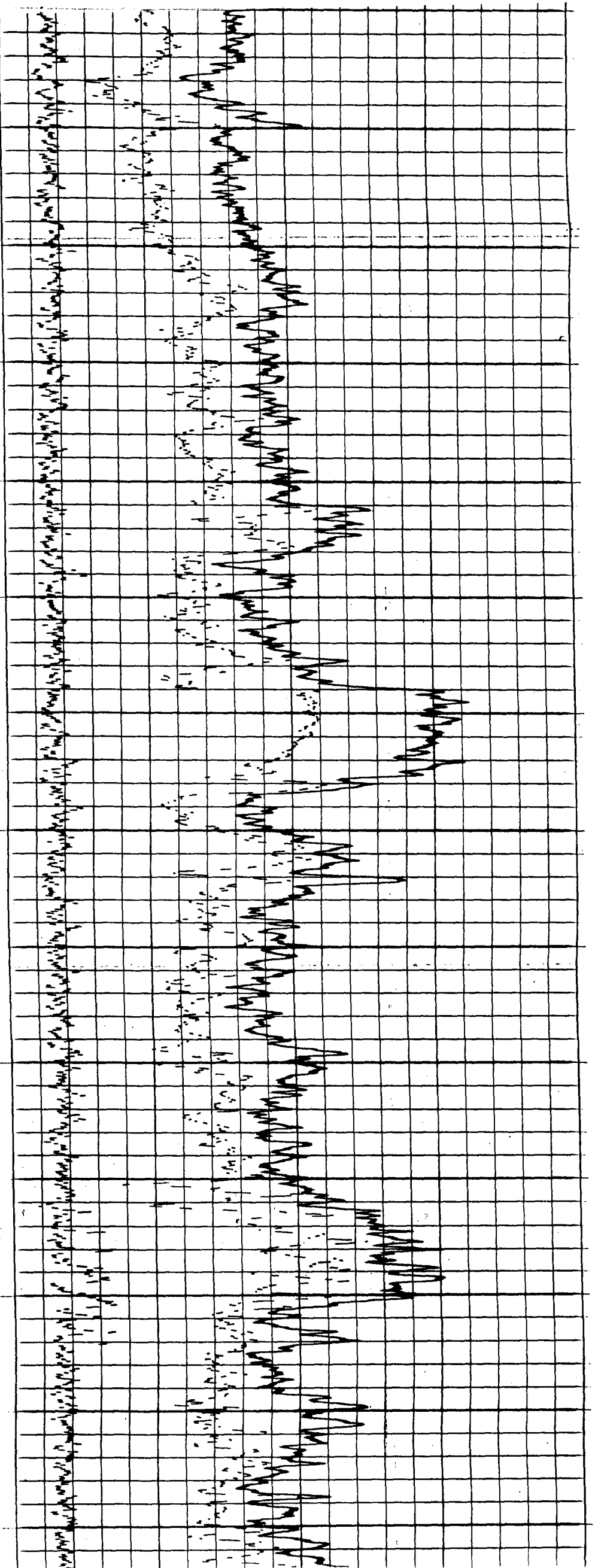
GR

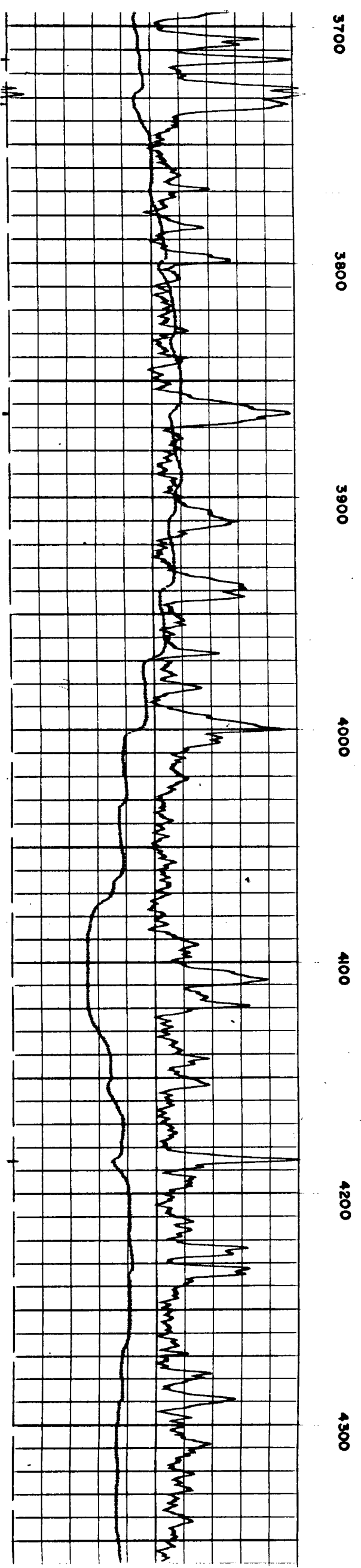
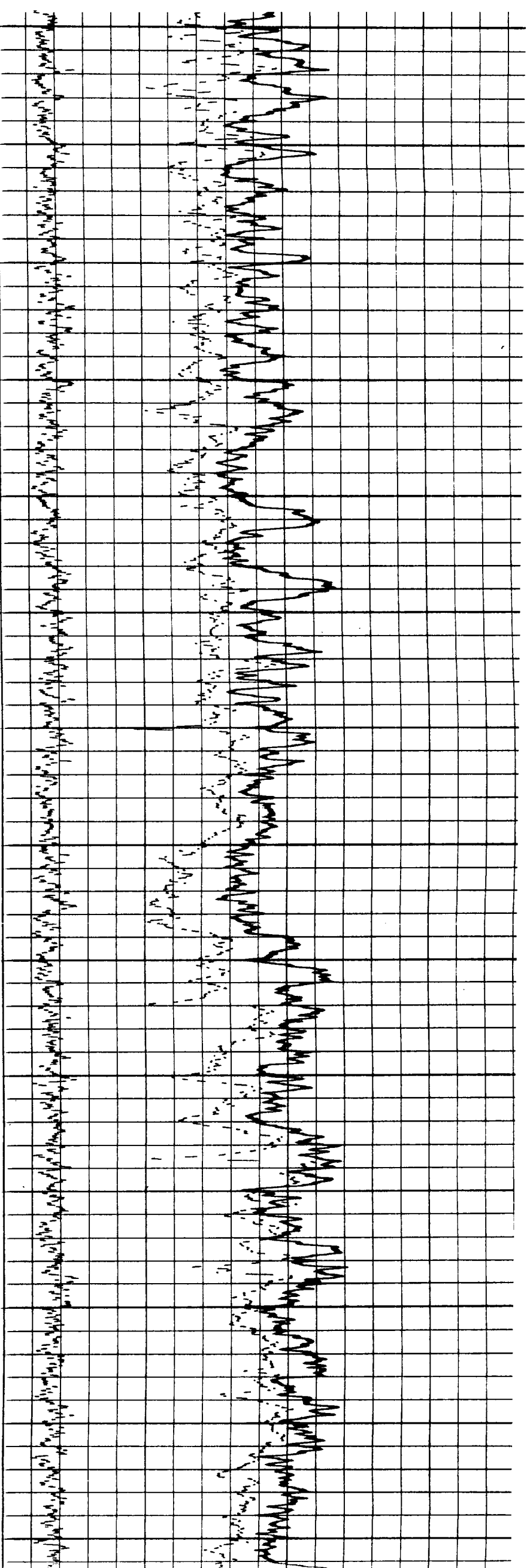
φ CNL

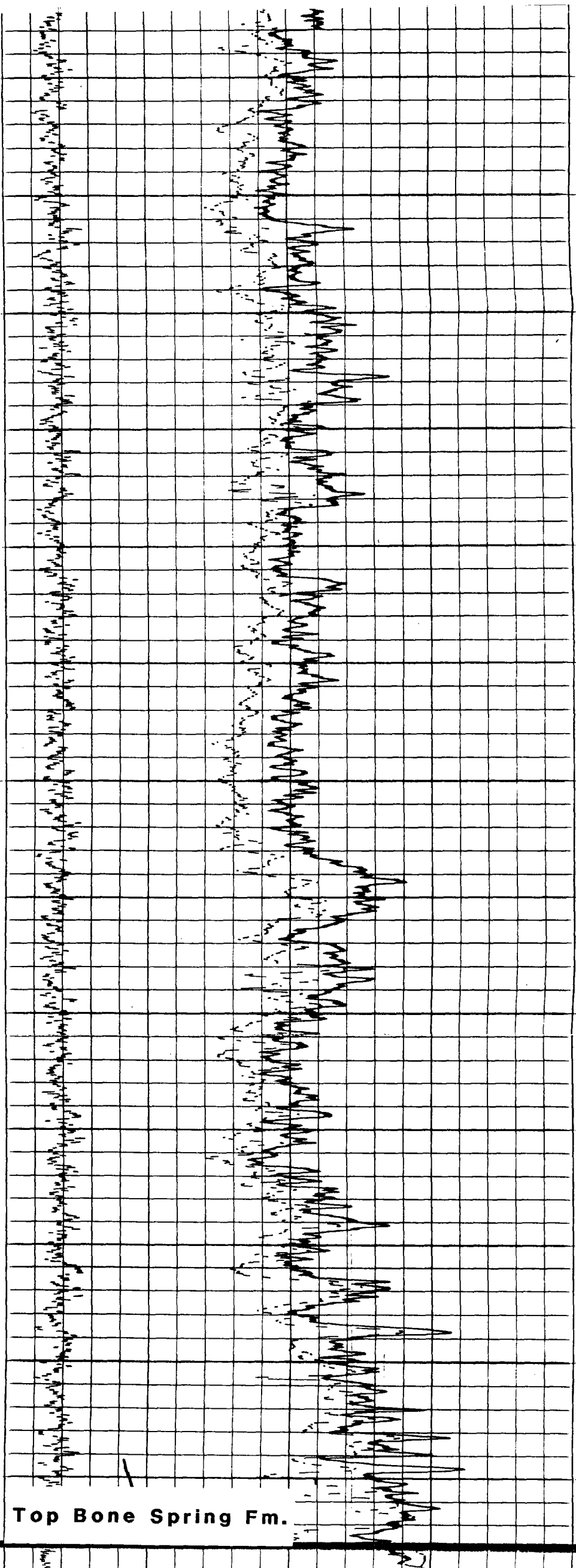
45
30

15
10

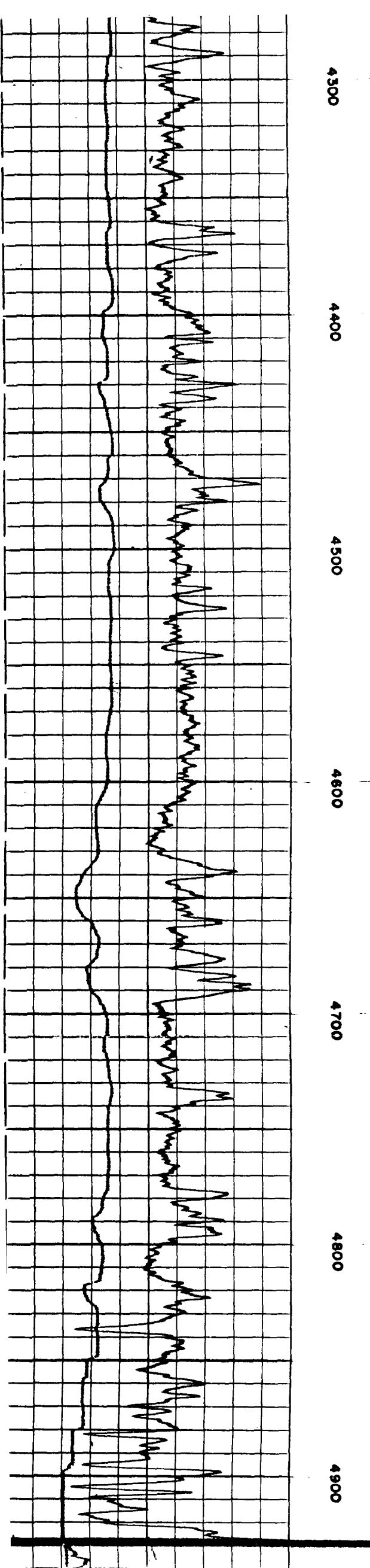
-15
-10







Top Bone Spring Fm.



COMPENSATED NEUTRON- FORMATION DENSITY

COMPANY YATES PETROLEUM CORPORATION

WELL FEDERAL "DC" #1

FIELD BURTON FLATS MORROW

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980' FSL & 660' FWL

API SERIAL NO. SEC. TWP. RANGE

29 20-S 28-E

Other Services:
DLL

Elev.: K.B. 3255
D.F. 3239
G.L.

RECEIVED

JUN 14 1978

D.C.C.
ARTERIA, OFFICE

Type Fluid in Hole	POLY KCL BRINE
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Dens.	Visc.	11.4	44
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pH	Fluid loss	8.5	6 ml	ml
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Source of Sample		
CIRC		

Rm. @ Meas. Temp.	.059 @ 85 °F	@ °F

Rmf (w Meas. Temp.	.047 @ 85 °F	@ °F
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Rmc (at Meas. Temp.	.094	(at 85 F	@	°F
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Source: Rmf	Rmc	M	C		
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[illegible]

Circulation Stopped	0100	
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Logger on Bottom	0600
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Max. Rec. Temp.	170	°F	°F
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Equip.	Location	7732	H08BS
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Recorded by	RAFF
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Top Yates Fm.

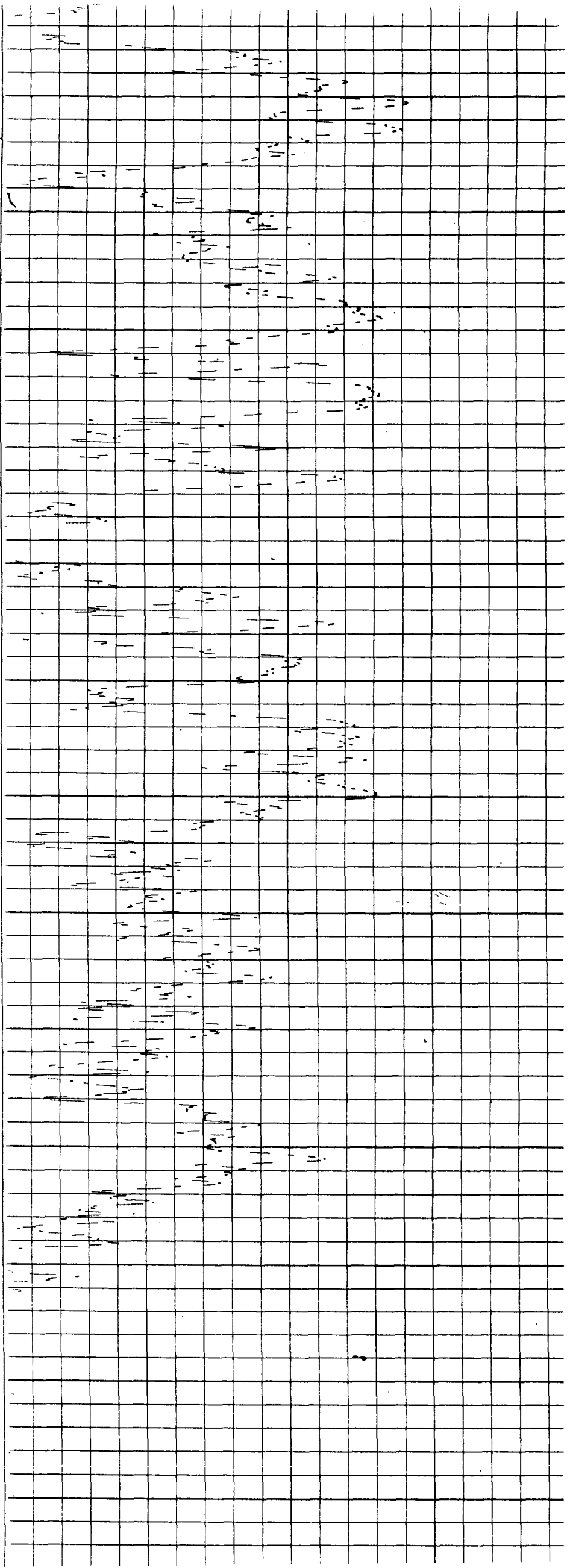
Top Capitan Reef

BEFORE EXAMINED CATANIA

~~CONFIDENTIAL~~

[Signature]

~~CASE NO.~~



1000

1100

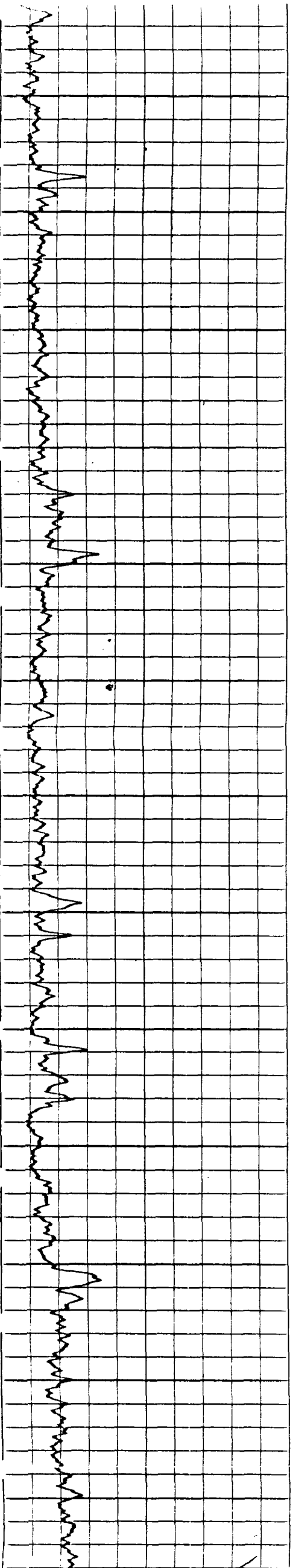
1200

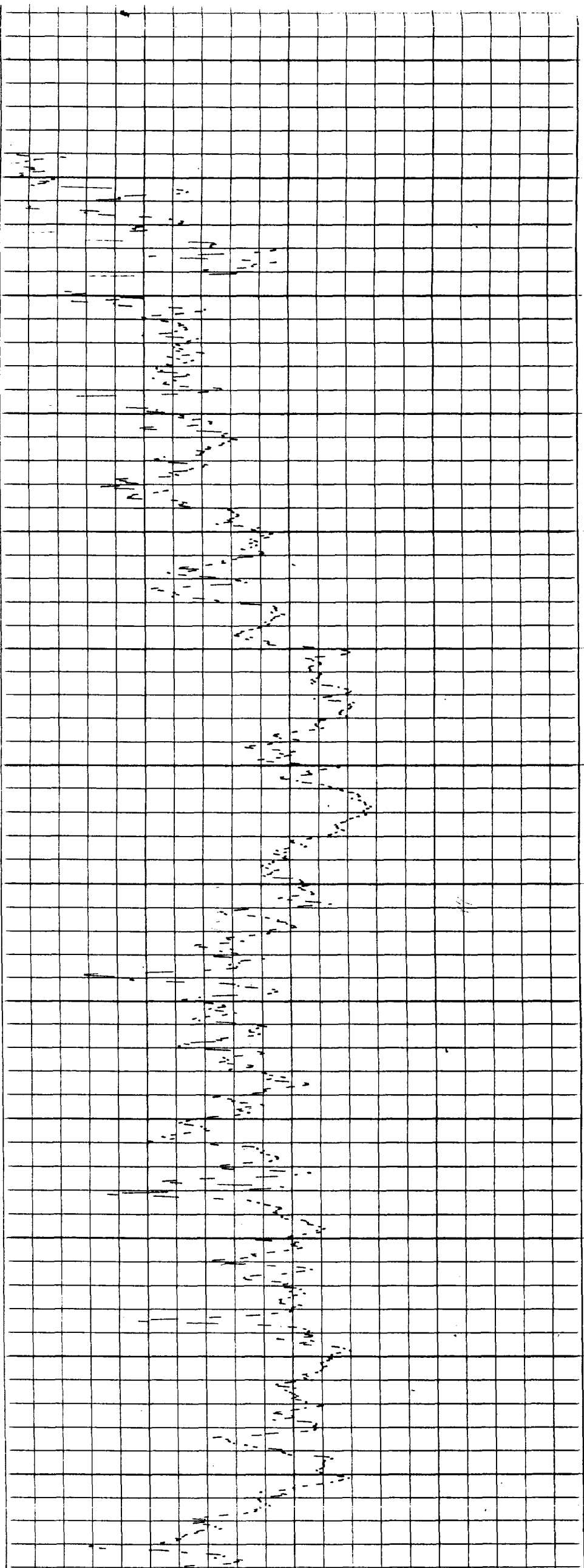
1300

1400

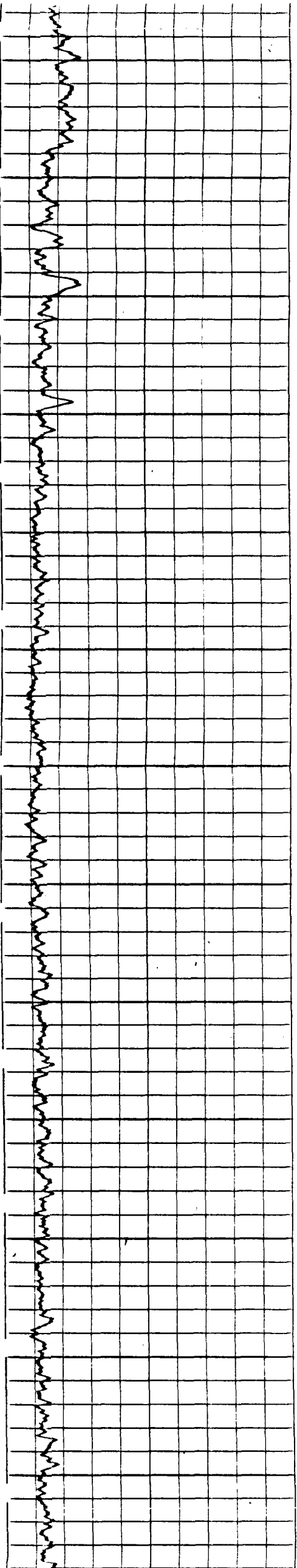
1500

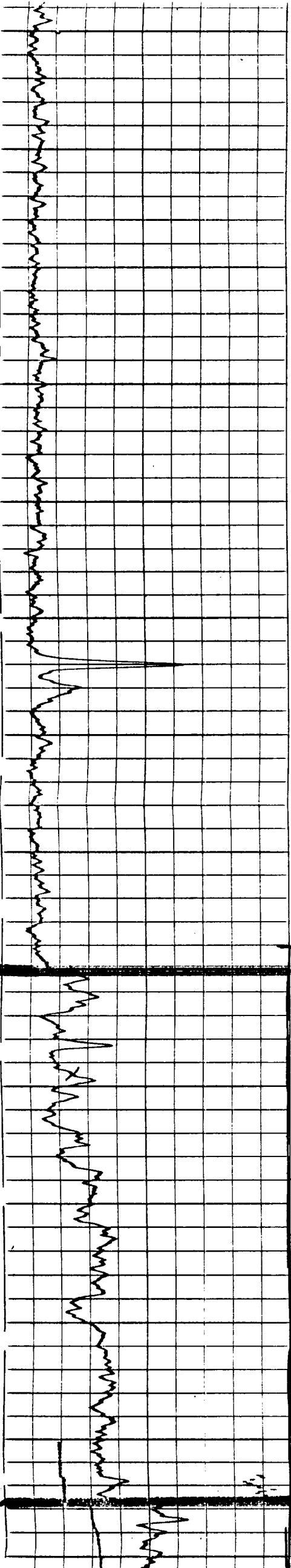
1600





1600 1700 1800 1900 2000 2100 2200





2200

2300

2400

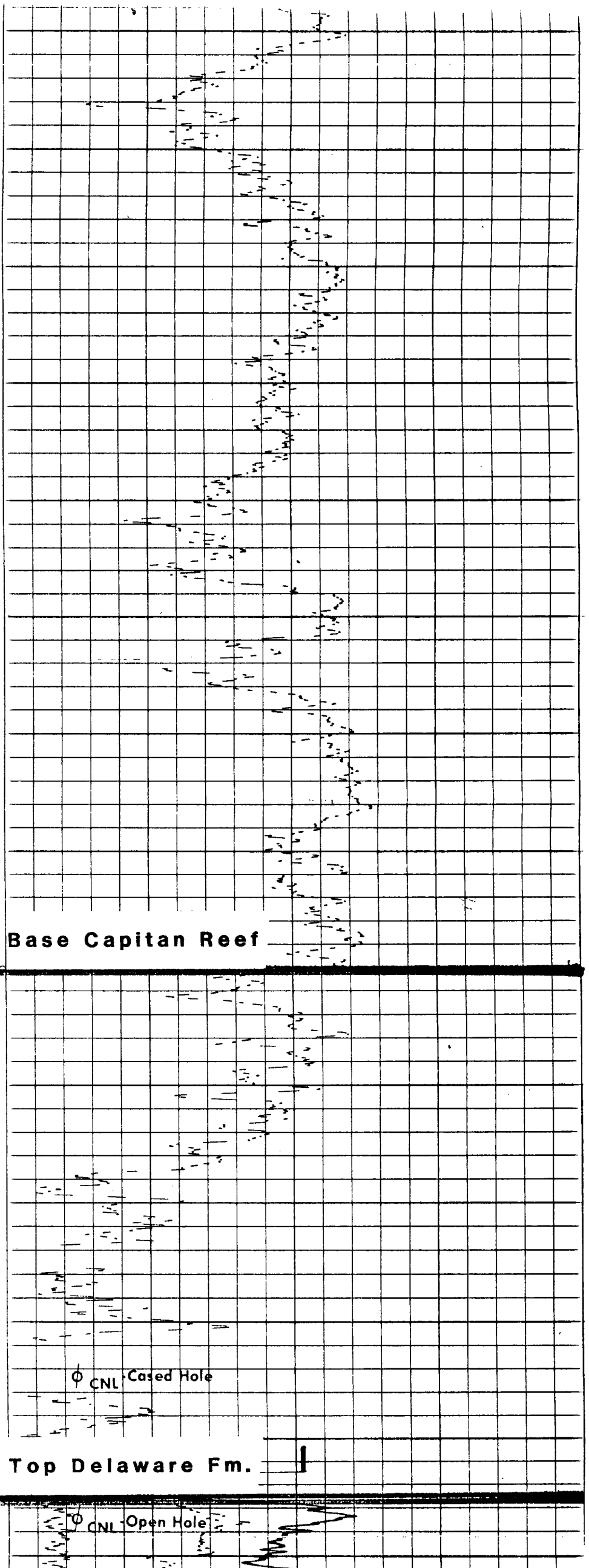
2500

2600

2700

2800

Casing

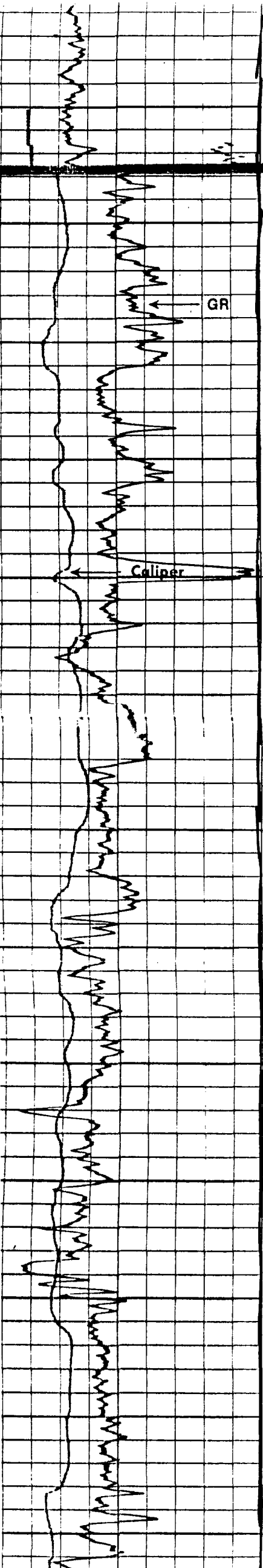


Base Capitan Reef

Ø CNL Cased Hole

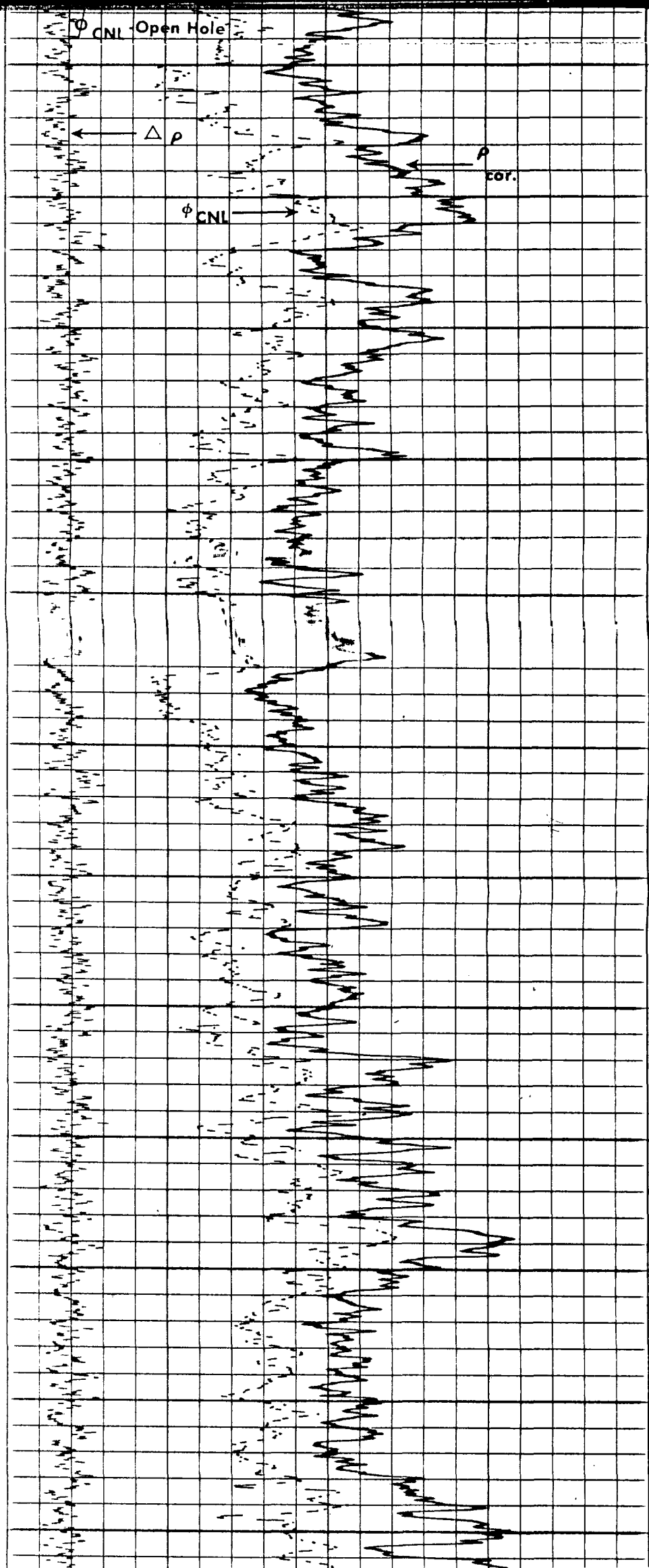
Top Delaware Fm.

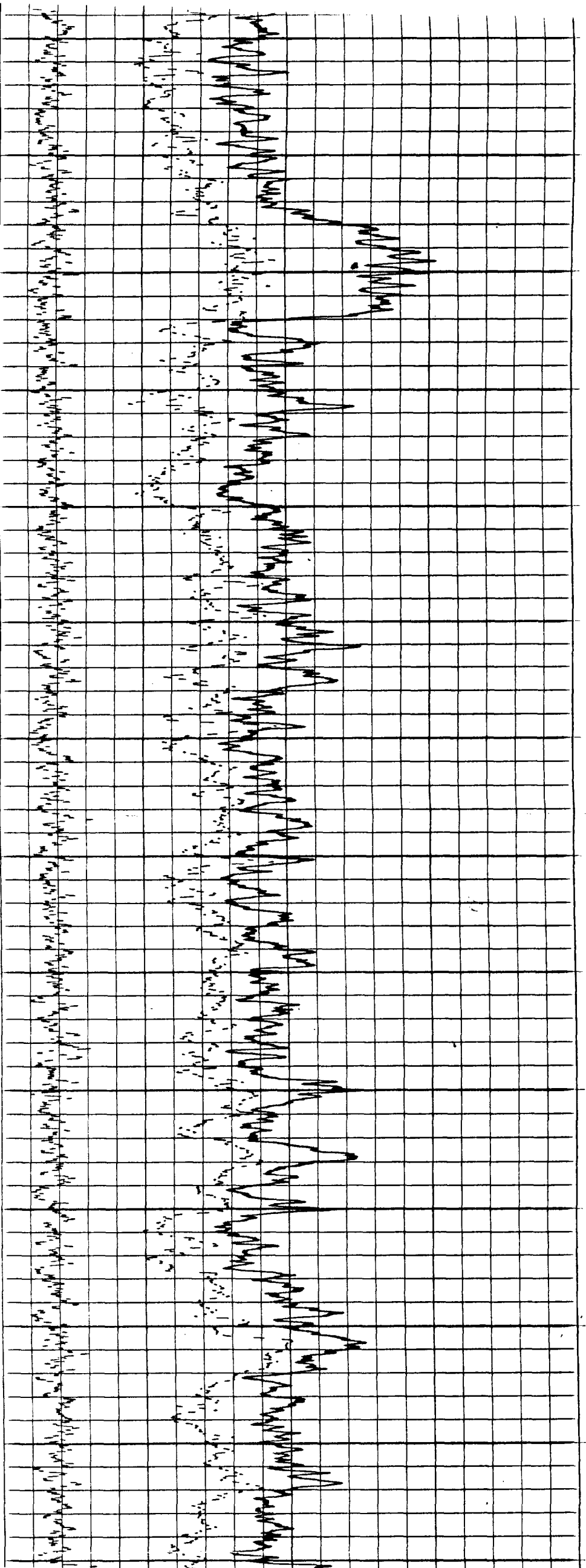
Ø CNL Open Hole



2800
Casing

Top Delaware Fm.





3500

3600

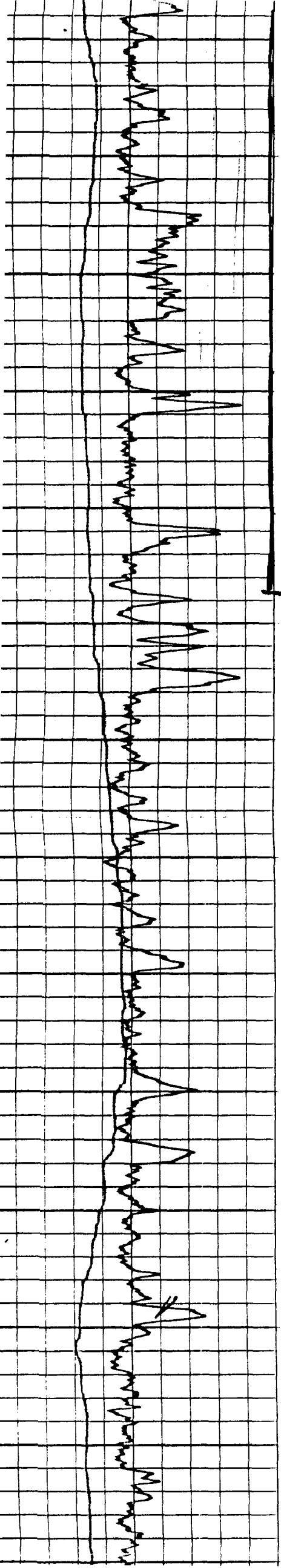
3700

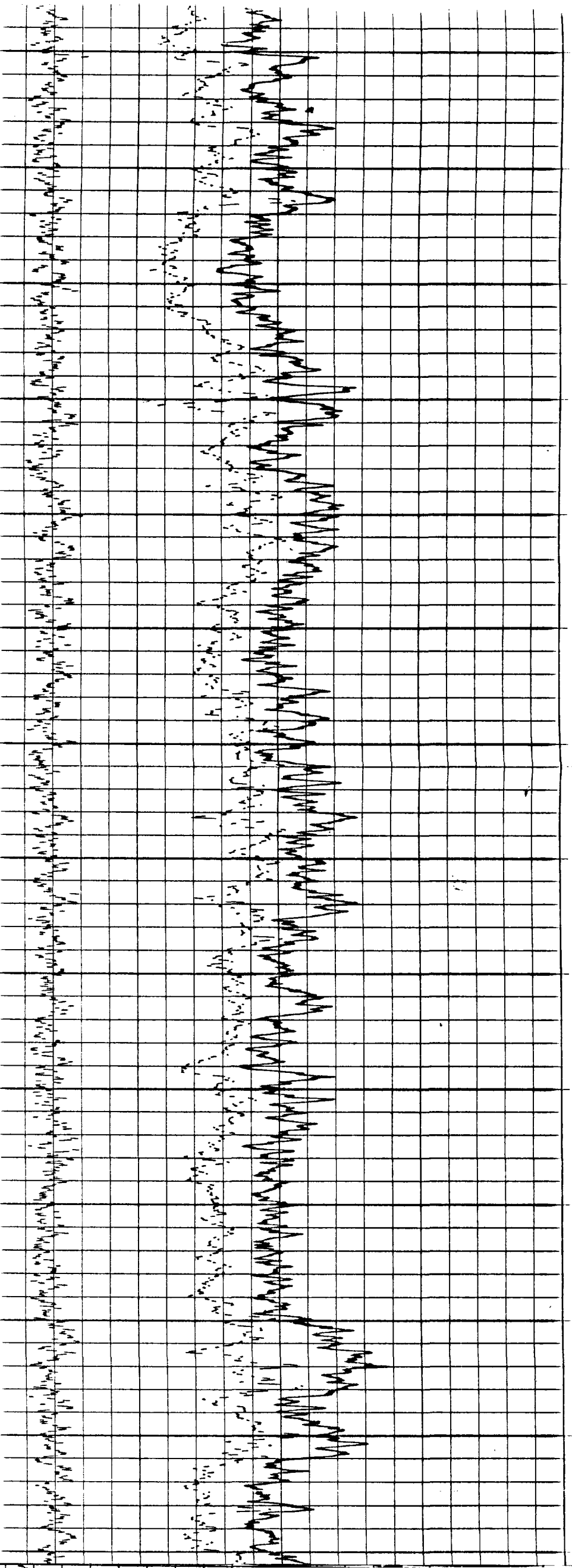
3800

3900

4000

41





4100 4200 4300 4400 4500 4600 4700

