



PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL CANADA SOUTHERN ET AL
N. BEAVER R. YT 1-27
 COMPANY CANADA SOUTHERN
PETROLEUM LIMITED

COMPANY CANADA SOUTHERN PETROLEUM LIMITED
 WELL CANADA SOUTHERN ET AL NORTH
BEAVER RIVER YT 1-27
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION GRID 124°0'
NE CORNER SEC 27 UNIT 1
 ELEVATIONS
 C.B.F. K8 1446.1 el. 1430.0
 Other Services:
 BP
 PPS
 SC

Run No. <u>ONE</u>	Date: <u>14 JANUARY 64</u>	Depth Datum:
First Reading <u>12136</u>	Fluid in casing <u>MUD</u>	Bit Size <u>8 3/8"</u>
Last reading <u>11470</u>	Density of fluid <u>10.5</u>	
Feet measured <u>666</u>	Max. Temp. <u>300 °F</u>	
Depth reached <u>12141</u>	Recorded by <u>R. ANDERSON</u>	
Bottom Driller <u>12151</u>	Witness <u>J. BINNIE</u>	

CASING RECORD			
Surface String	Size	Wt/H	Grade
<u>13 3/8</u>	<u>49</u>		
<u>9 5/8</u>	<u>47 & 40</u>		
<u>7"</u>	<u>32</u>		
Production String	Size	Wt/H	Grade
<u>SURF</u>			
<u>SURF</u>			
<u>SURF</u>			
<u>12149</u>			

PRIMARY CEMENTING DATA		
Surface	Protection	Production
		<u>300 SAX</u>
		<u>OILWELL</u>
		<u>2% GEL</u>
		<u>0.4% D-28</u>
		<u>GEL</u>
		<u>14</u>
		<u>1.4</u>

AV/28/1764/DC

PRIMARY CEMENTING DATA			TECHNICAL TOOL DATA	
Hour - date	Hours From Start of Operation	Pumping Rate	Unit No.	2547
Started pumping cement <u>1000/6</u>		bbbl/hr.	Location	DAWSON CREEK
Plug on bottom <u>0200/7</u>	<u>4</u>	No. of plugs <u>ONE</u>	Panel #	
Release pressure <u>0700/7</u>	<u>9</u>	Pumped by Rig <input type="checkbox"/> Truck <input checked="" type="checkbox"/>	Cart. #	
Start Cement Bond Log <u>2000/14</u>	<u>188</u>		Sonde #	
Finish Cement Bond Log <u>2300/14</u>	<u>191</u>			
Preceding fluid <u>WATER AND MUD</u>	Volume <u>450</u>			
Returns: Full <input type="checkbox"/> Partial <input checked="" type="checkbox"/>	None <input checked="" type="checkbox"/>			
Pipe reciprocated during Pumping: No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Ft.			
Pipe reciprocated after plug down: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	Ft.	minutes.		

CENTRALIZER DEPTHS 3 ON FIRST THREE JOINTS

SCRATCHER DEPTHS 12 ON FIRST THREE JOINTS

CENTRALIZER TYPE Straight Spiral Central Flow

SCRATCHER TYPE Rubber Wire Internal Abrading

STIMULATION TREATMENT Type _____ Volume _____ Break Down Press. _____ Pumping Pressure _____

PERFORATED INTERVALS from _____ to _____ - shots/ft. Type _____

from _____ to _____ - shots/ft. Type _____

from _____ to _____ - shots/ft. Type _____

REMARKS CASING COLLARS RECORDED 1.5' SHALLOW

PERFORATED INTERVALS

from _____	to _____	- shots/ft. _____	Type _____
from _____	to _____	- shots/ft. _____	Type _____
from _____	to _____	- shots/ft. _____	Type _____

REMARKS

CASING COLLARS RECORDED 1.5' SHALLOW

1 of

DEPTH

BOND INCREASES

Millivolts

50

RECORDED COLLARS

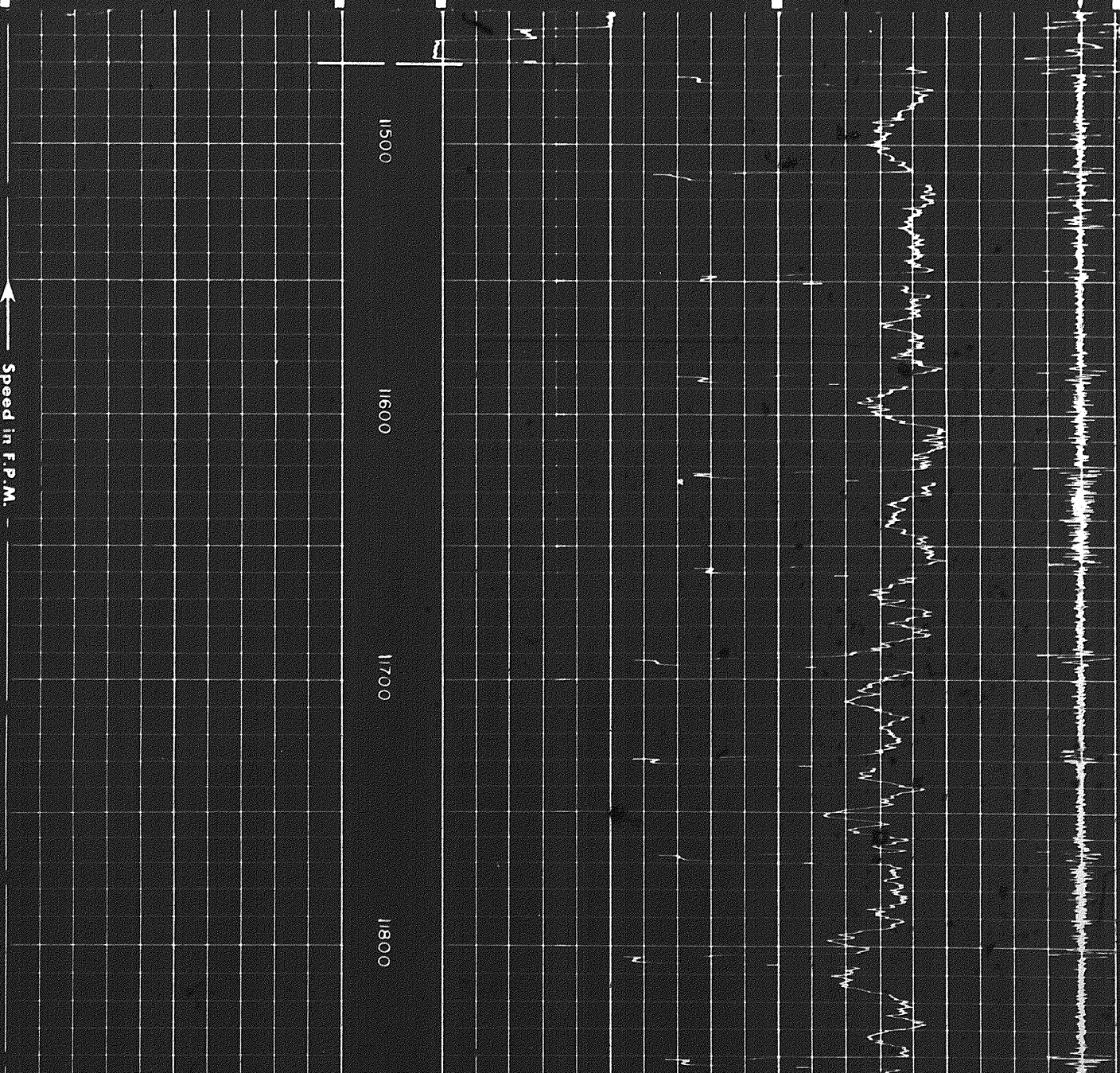
Speed in F.P.M.

11500

11600

11700

11800



PERFORATED INTERVALS

from _____	to _____	- shots/ft. _____	Type _____
from _____	to _____	- shots/ft. _____	Type _____
from _____	to _____	- shots/ft. _____	Type _____

REMARKS

CASING COLLARS RECORDED 1.5' SHALLOW

1 of

DEPTH

BOND INCREASES

Millivolts

50

RECORDED COLLARS

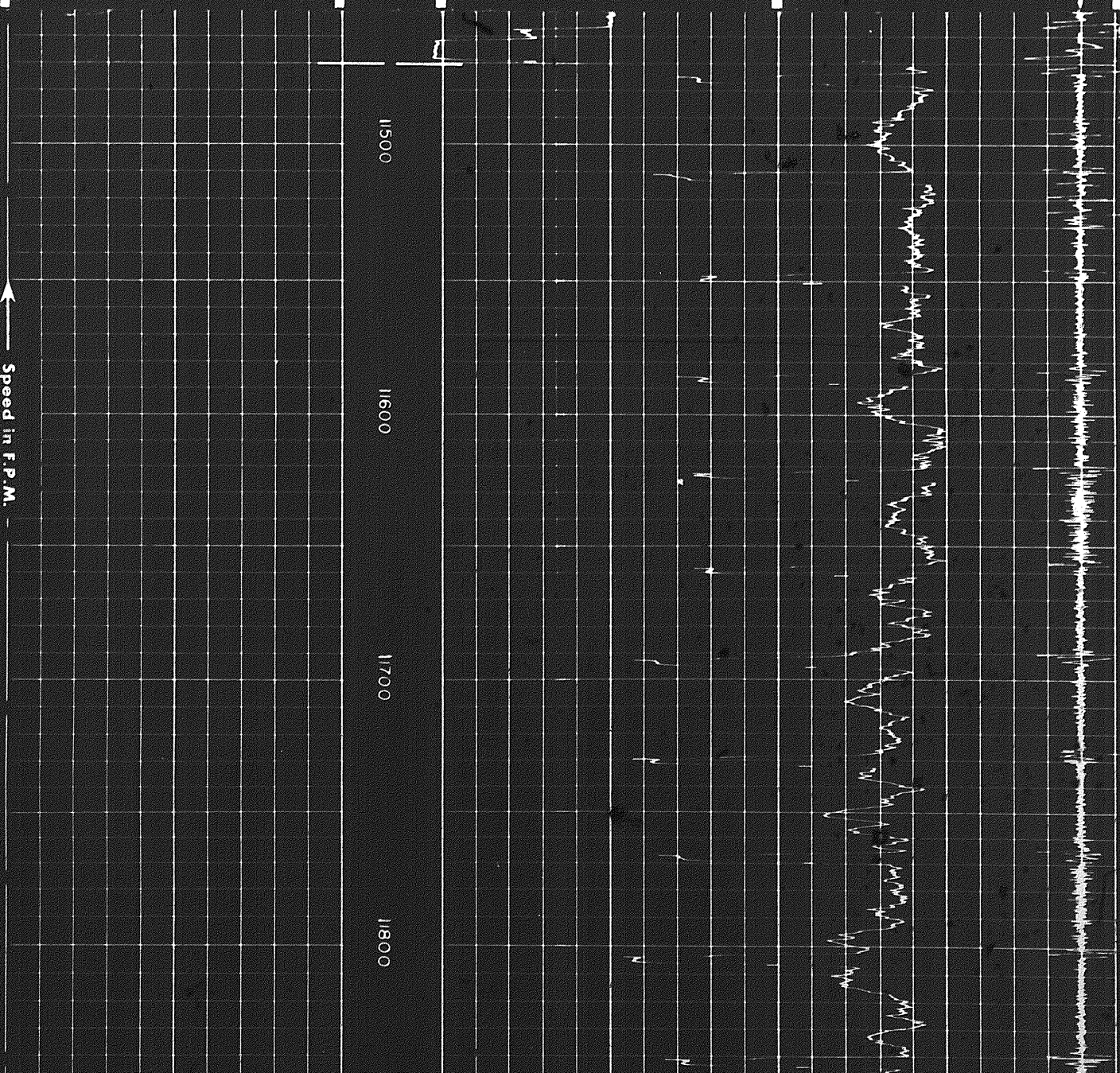
Speed in F.P.M.

11500

11600

11700

11800



11800

11900

12000

12100

FR

DEPTHS

BOND INCREASES

Millivolts

0

50

Calibration after Survey
MePh. Zero

DEPTHS

BOND INCREASES

Millivolts

0

50

20

DEPTH

1500

1600

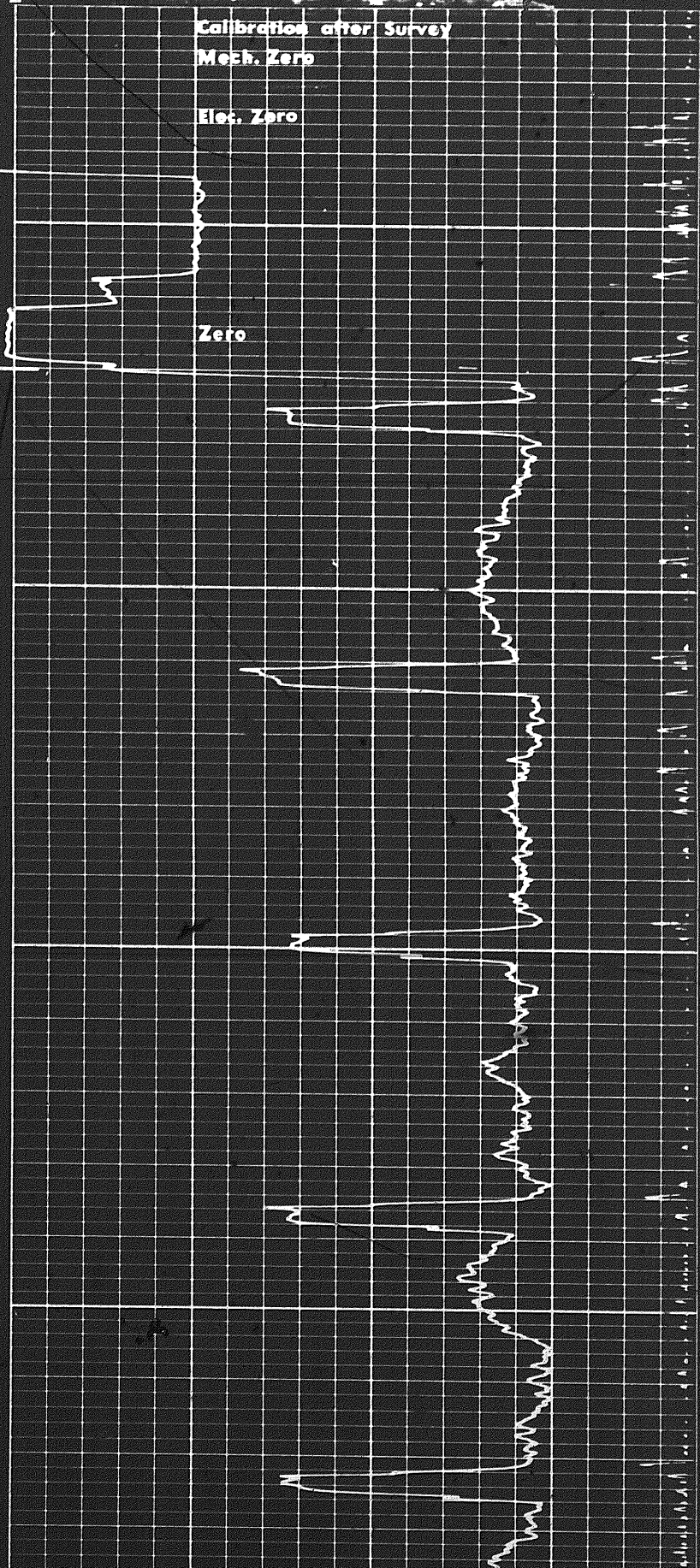
BOND INCREASES
Millivolts

0 50

Calibration after Survey
Mech. Zero

Elec. Zero

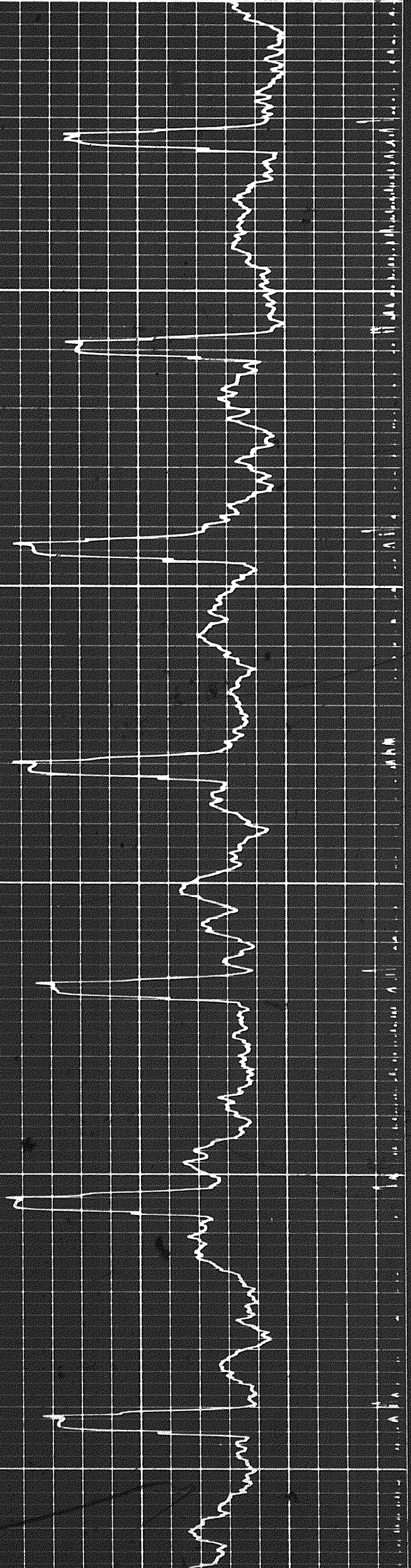
Zero



00811

00711

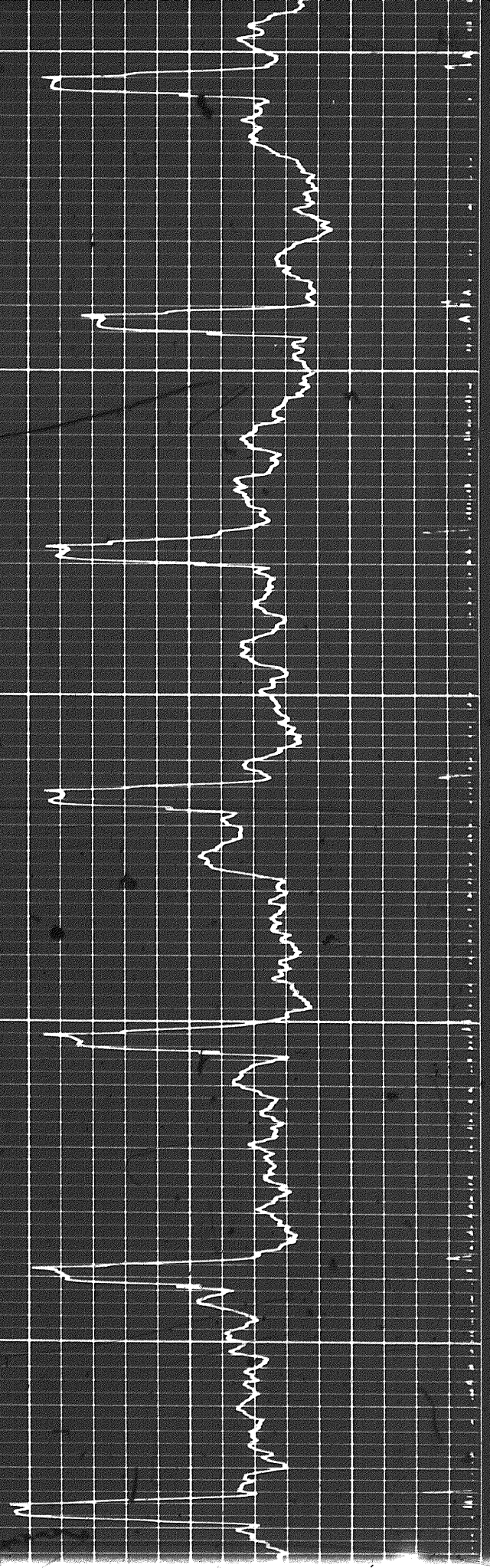
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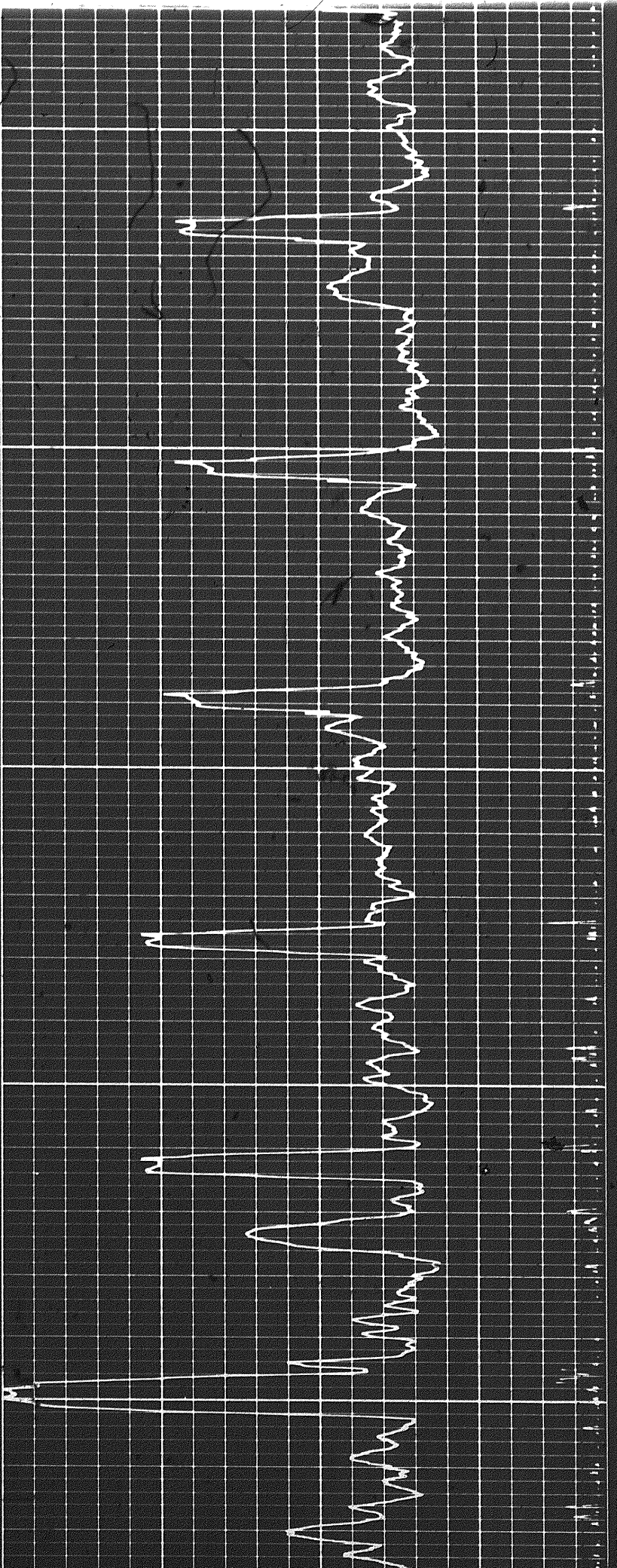


11800

11900

12000





1900

12000

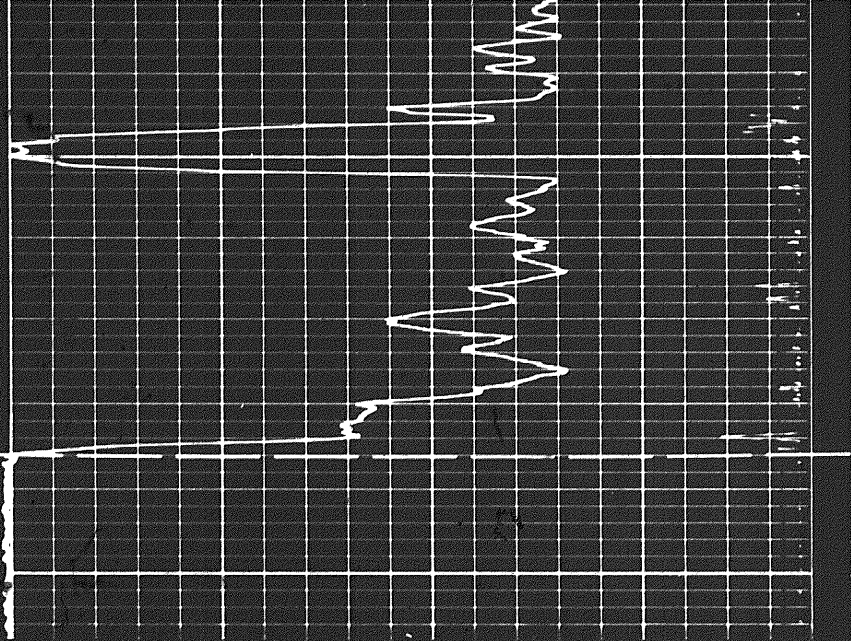
12100

393

3

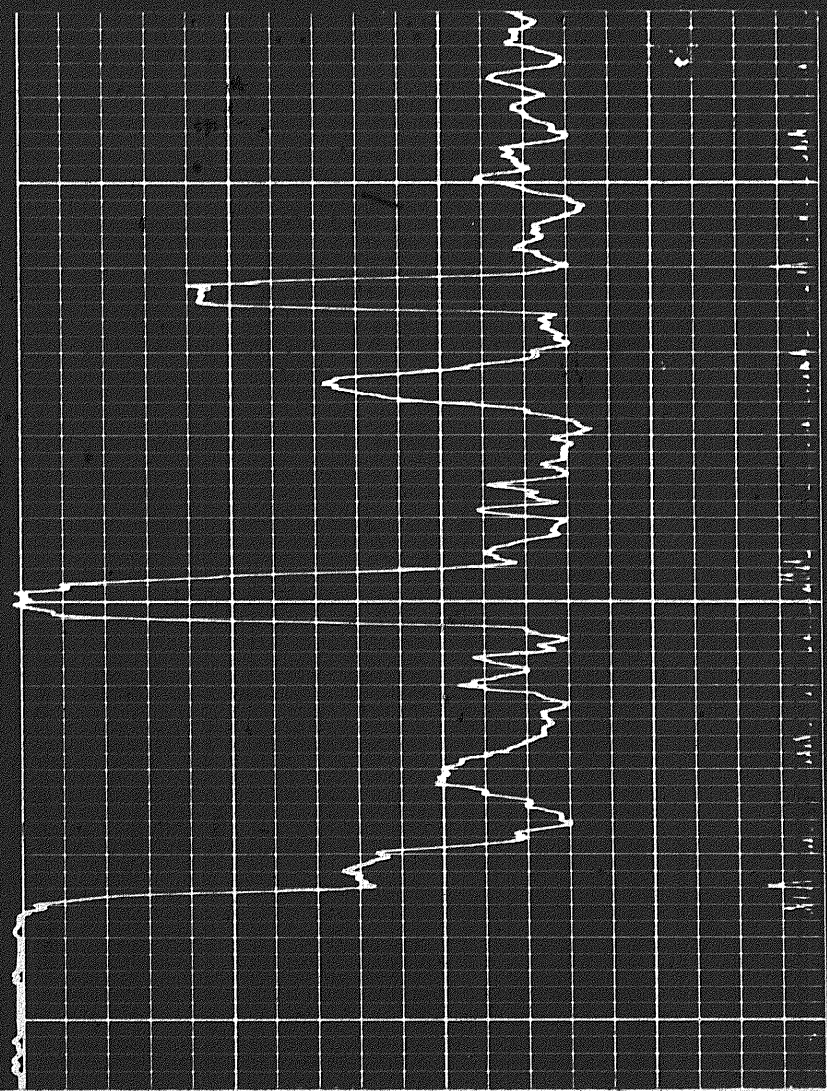
12100

FR



REPEAT SECTION

2100



COMPANY CANADA SOUTHERN PETROLEUM LIMITED

Rm	-	a	-	F
Rmt	-	a	-	F
Rmc	-	a	-	F
BHT	-	-	-	F

SOC FR	12136
SOC TD	12141
DRLR TD	12151
Elev	

WELL CANADA SOUTHERN ET AL N, BEAVER R. YT 1-27

KB 1446.1
1420.0

COMPANY CANADA SOUTHERN PETROLEUM LIMITED

R_{in} - - - - -
R_{mt} - - - - -
R_{mc} - - - - -
BHT - - - - -

SOC FR 12136
SOC TD 12141
DRLR TD 12151
Elev.:
KB 1446.1
GL 1430.0
CBF

WELL CANADA SOUTHERN ET AL N. BEAVER R. YT 1-27

FIELD WILDCAT

PROVINCE YUKON TERRITORY

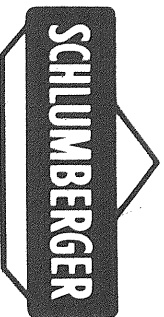
Calibration before Survey

Zero

Elec. Zero

Mech. Zero

0060



COMPLETION RECORD

SCHLUMBERGER OF CANADA
Calgary, Alberta

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL CANADA SOUTHERN ET AL
 N BEAVER R YT 1-27
 COMPANY CANADA SOUTHERN
 PETROLEUM LIMITED

COMPANY CANADA SOUTHERN PETROLEUM LIMITED
 WELL CANADA SOUTHERN ET AL
 N BEAVER R YT-1-27
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION GRID 124°01' 60°10'
 NE CORNER SEC 27 UNIT 1
 Permanent Datum GL Elev 1430.0
 Measured From KB 16.1 Ft. Above Perm Datum
 Other Services
 ELEV KB 1446.1
 GL 1430.0
 CBF

DATE CONTROL LOG

Date	1 APRIL 1964	Gun Type and Size	Shot Density	No. of Shots	Perforating Interval From To
First Reading	13807	SEE REMARKS SECTION			
Last Reading	11500				
Feet Measured	2307				
Depth Reached	13815				
Bottom Driller	14507				
Fluid Type	MUD				
Fluid Level	FULL				
Well Head Pressure	NULL	CASING RECORD			
Tract No.	3810-DC	Size — Inches	Weight — Lbs.	From	To
Recorded By	ANDERSON	5	15	11761	13804
Witness	J. BINNIE	7	23	SURF	11820

PERFORATING RECORD

COLLAR LOCATION

Casing	Tubing	Service	Type	Size	Depth
		Bridge Plug			
		Production Packer	MODEL AG	5"	13770
			MODEL AG	5"	12858.5
			MODEL AG	5"	12208
			MODEL A	7"	11732
			MODEL A	7"	11726

OTHER SERVICES

Tubing Bottom Sealing Nipple
 Junk Basket Size # 20
 Gauge Ring Number 41674

REMARKS

PREVIOUS COMPLETION INFORMATION

Depth Control Log — Yes No
 Perforated — Yes No From To
 Bridge Plug Set at
 Production Packer Set at
 Cement Retainer Set at

PERFORATED INTERVALS:

13740-13744	3	1/8" STEEL CARRIER CRACK JETS	5	SHOTS
13722-13726	5			
13556-13551	3			
13518-13522	3			
13395-13400	3			
13384-13391	7			
13339-13347	4			
13332-13325	4			
13260-13268	9			
13236-13239	4			
13212-13219	3			
13152-13160	8			
13129-13141	1			
13008-13016	5			
12999-13006	4			
12880-12890	5			
12809-12821	4			
12794-12809	6			
12747-12786	13			
12695-12742	16			
12684-12690	3	1/8" GLASS CRACK JETS		
12670-12676	2			
12640-12646	4			
12630-12634	3			

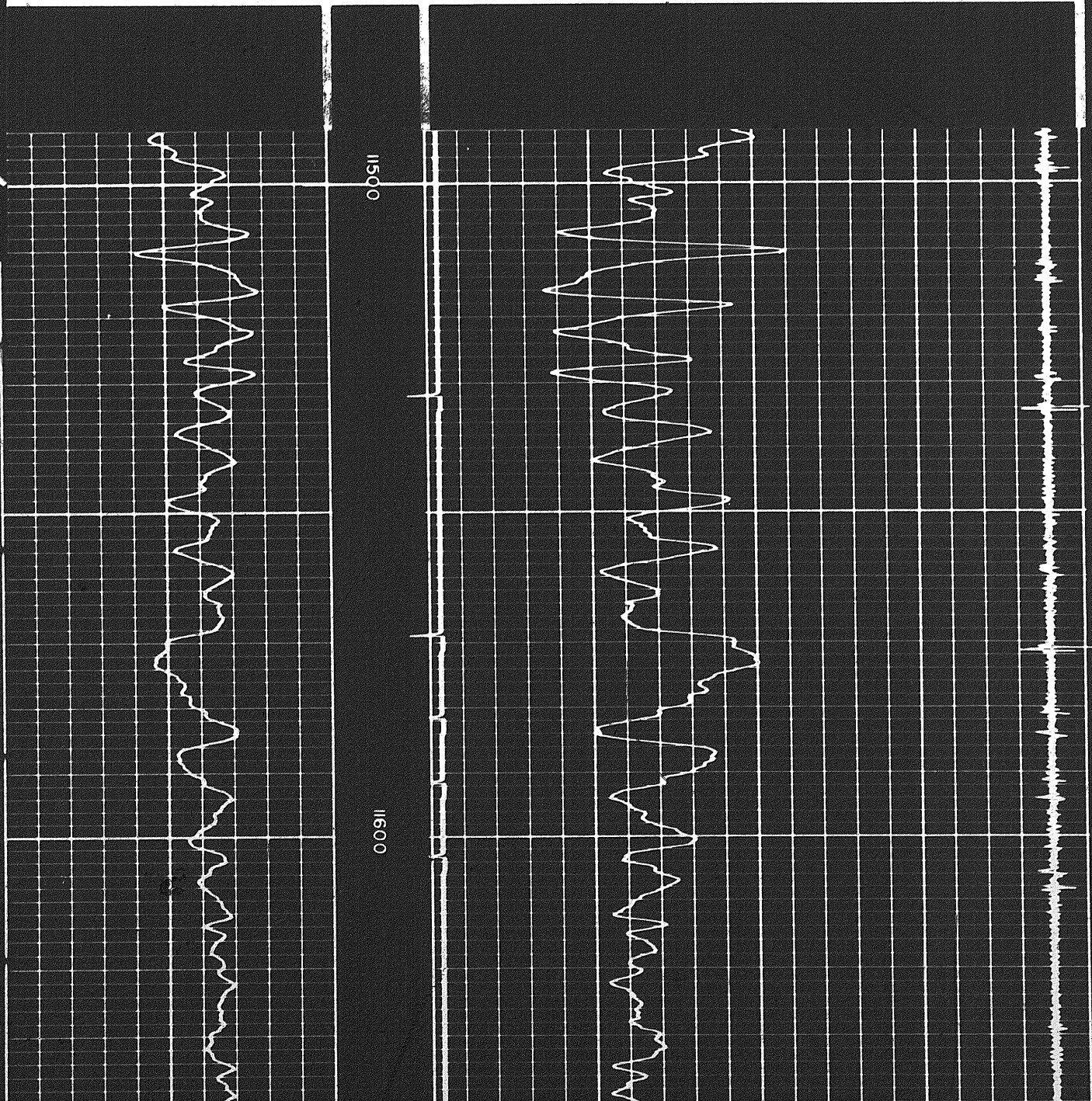
13008-13016		5
12999-13006		4
12880-12890		5
12809-12821		4
12794-12809		6
12747-12786		13
12695-12742		16
12684-12690	3 1/8" GLASS CRACK JETS	3
12670-12676		2
12640-12646		4
12630-12634		3
12574-12591		7
12568-12571		2
12502-12512		6
12486-12490		3
12464-12470		3
12426-12432		3
12280-12287		3
12162-12182	3 1/8" STEEL CARRIER CRACK JETS	40 SHOTS
12194-12204		20
12310-12370		20

1 of

GAMMA RAY
Radioactivity Increases →

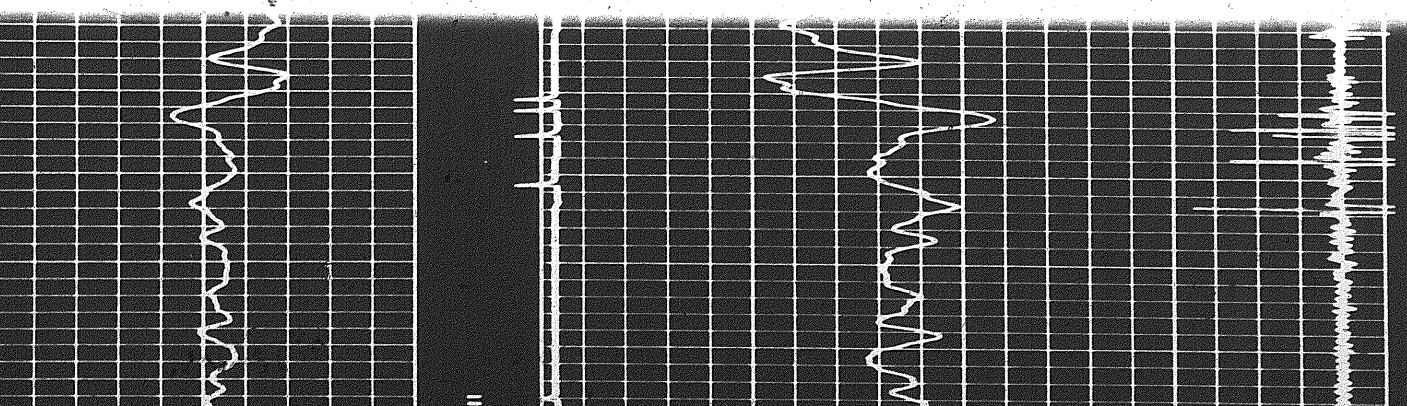
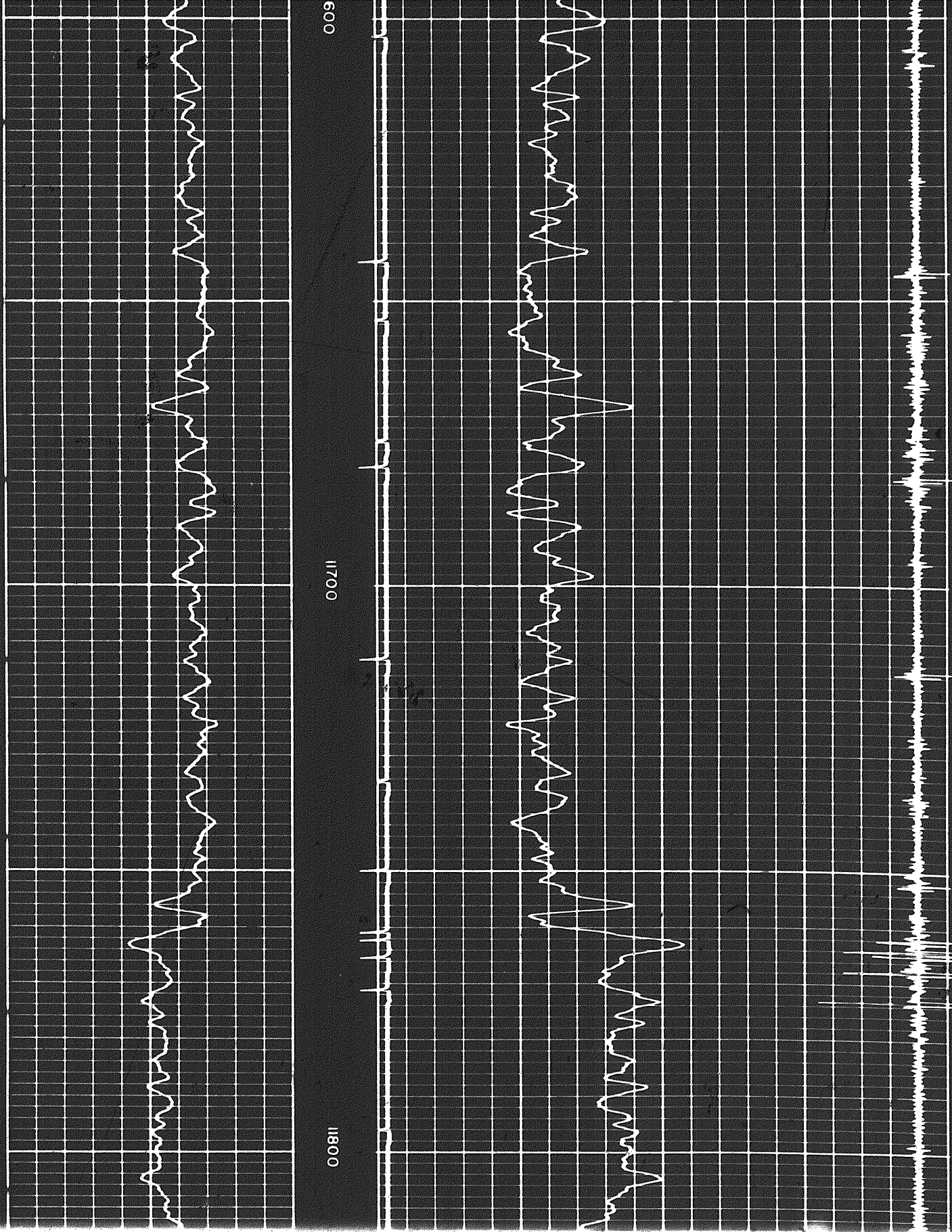
Casing
Collars ↓

GAMMA RAY
Radioactivity Increases ←

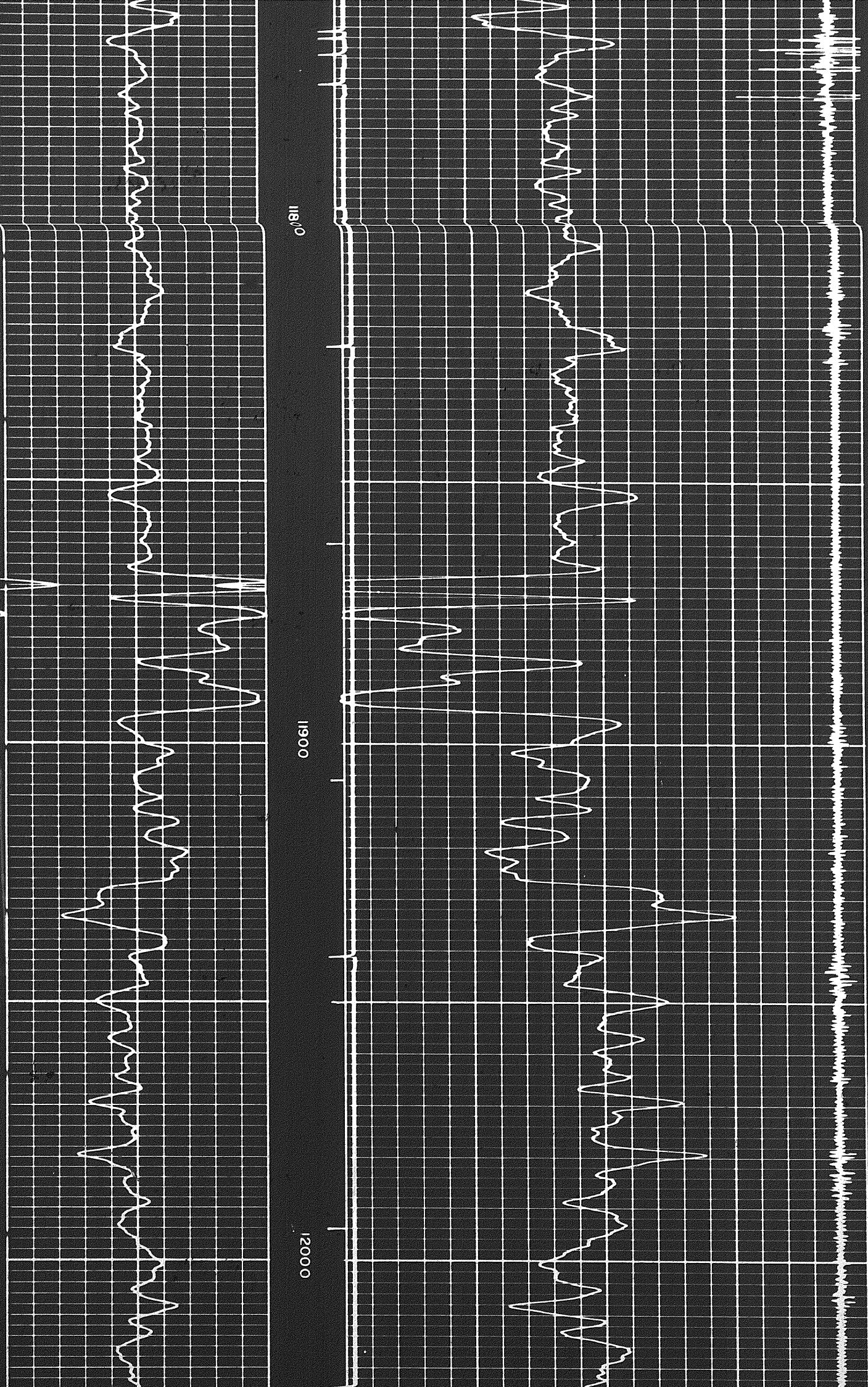


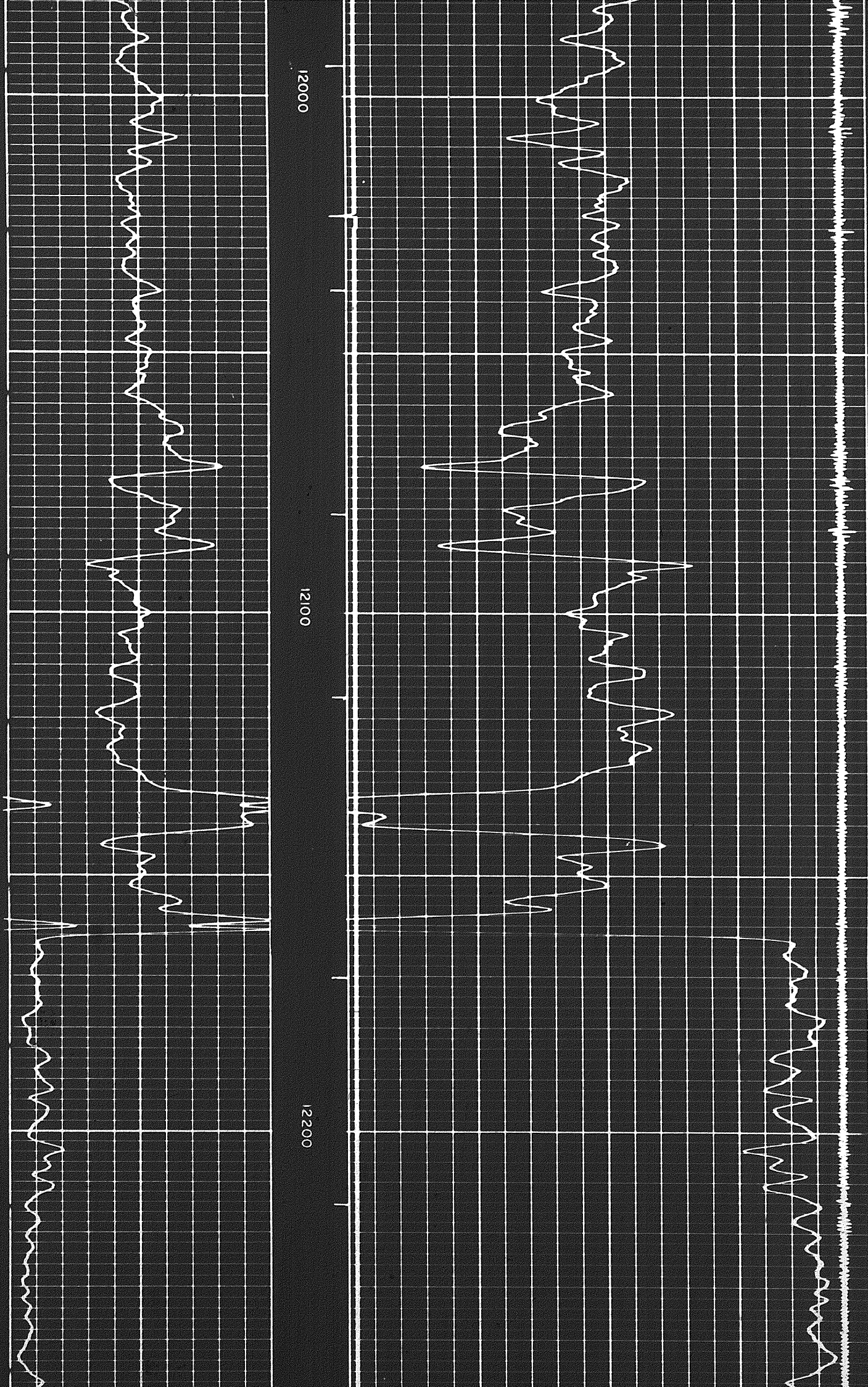
11500

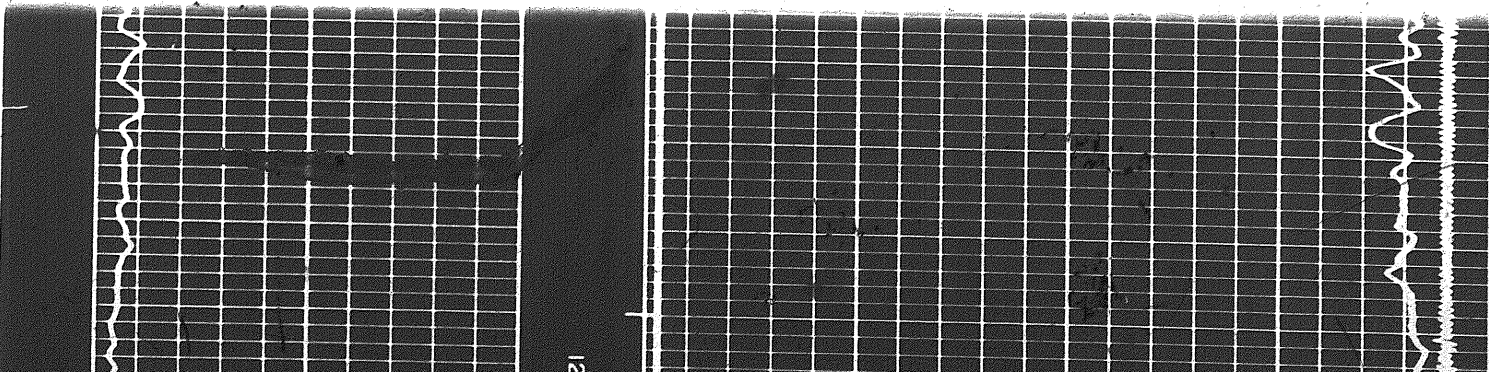
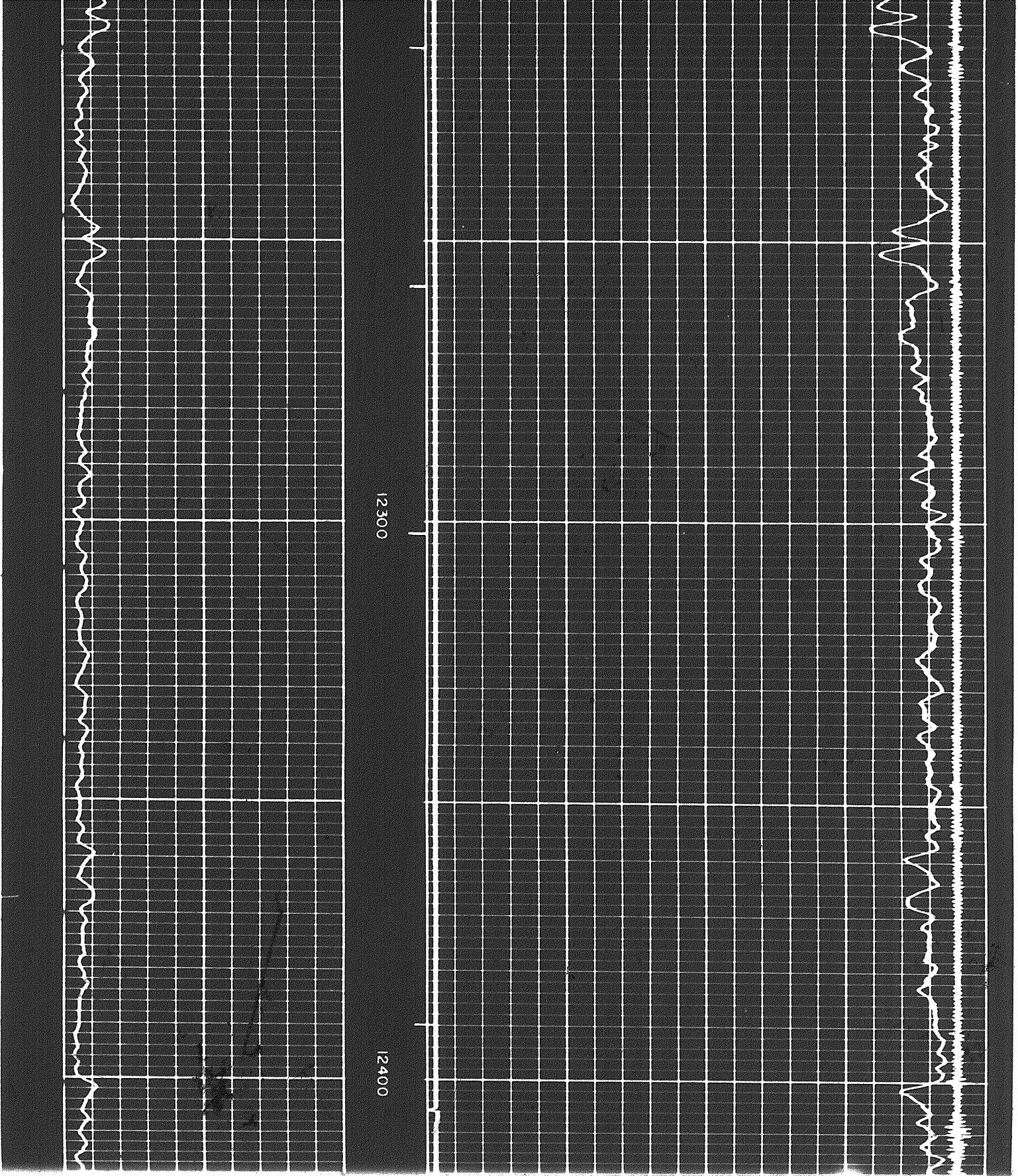
11600

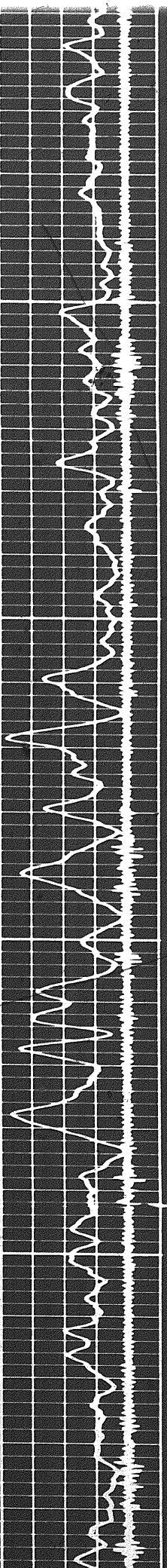


29







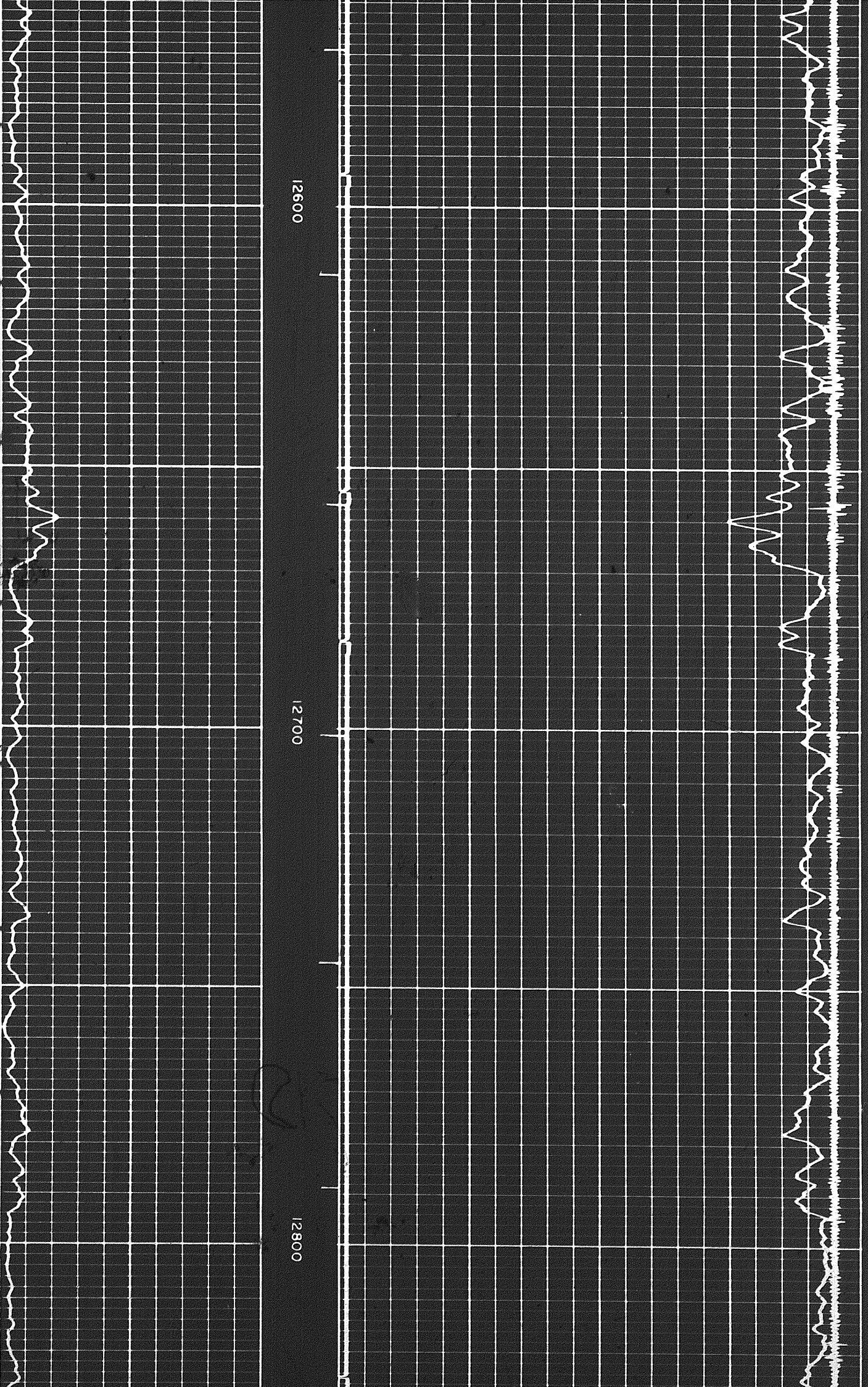


12400

12500

12600

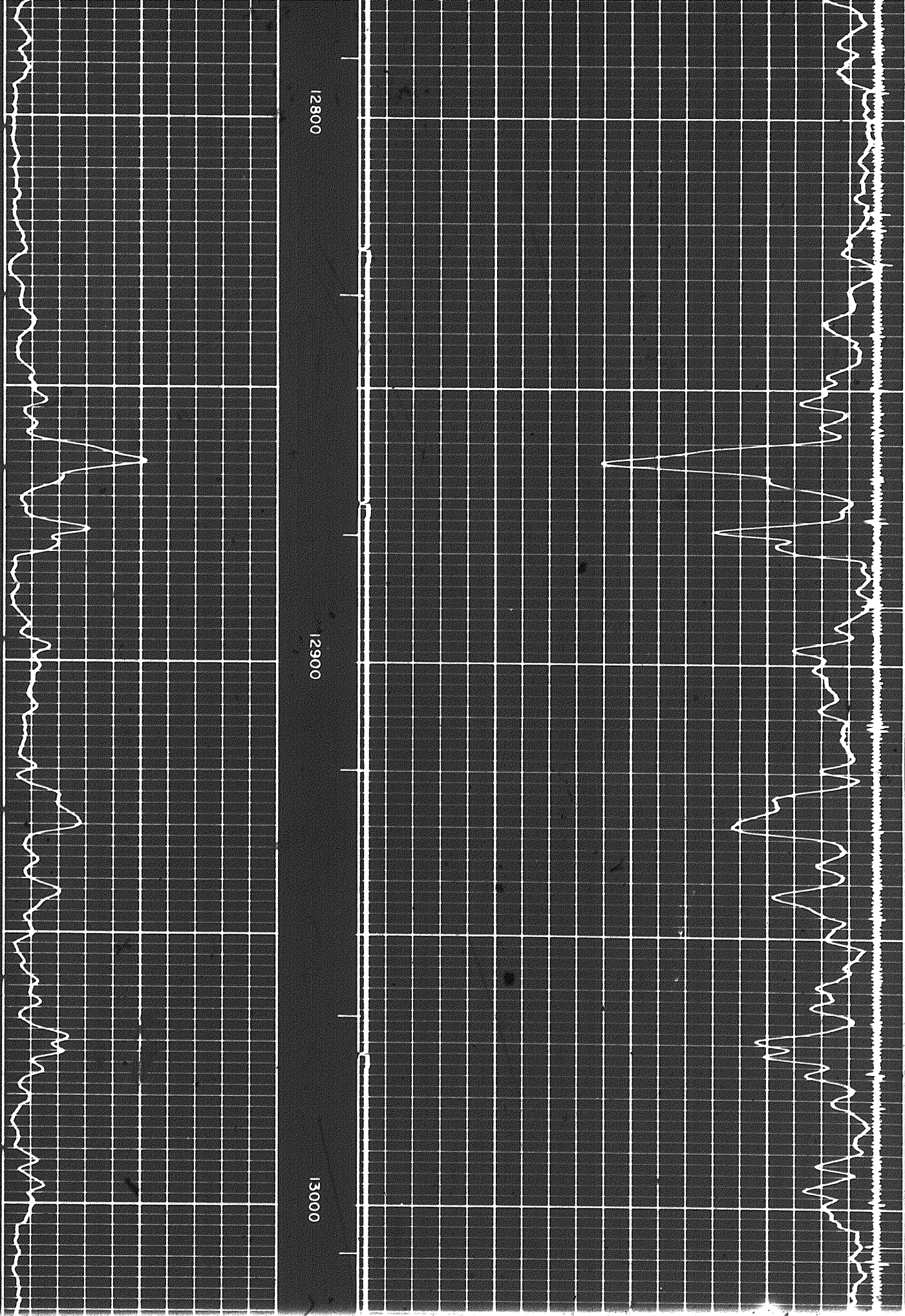
3 Q



12600

12700

12800

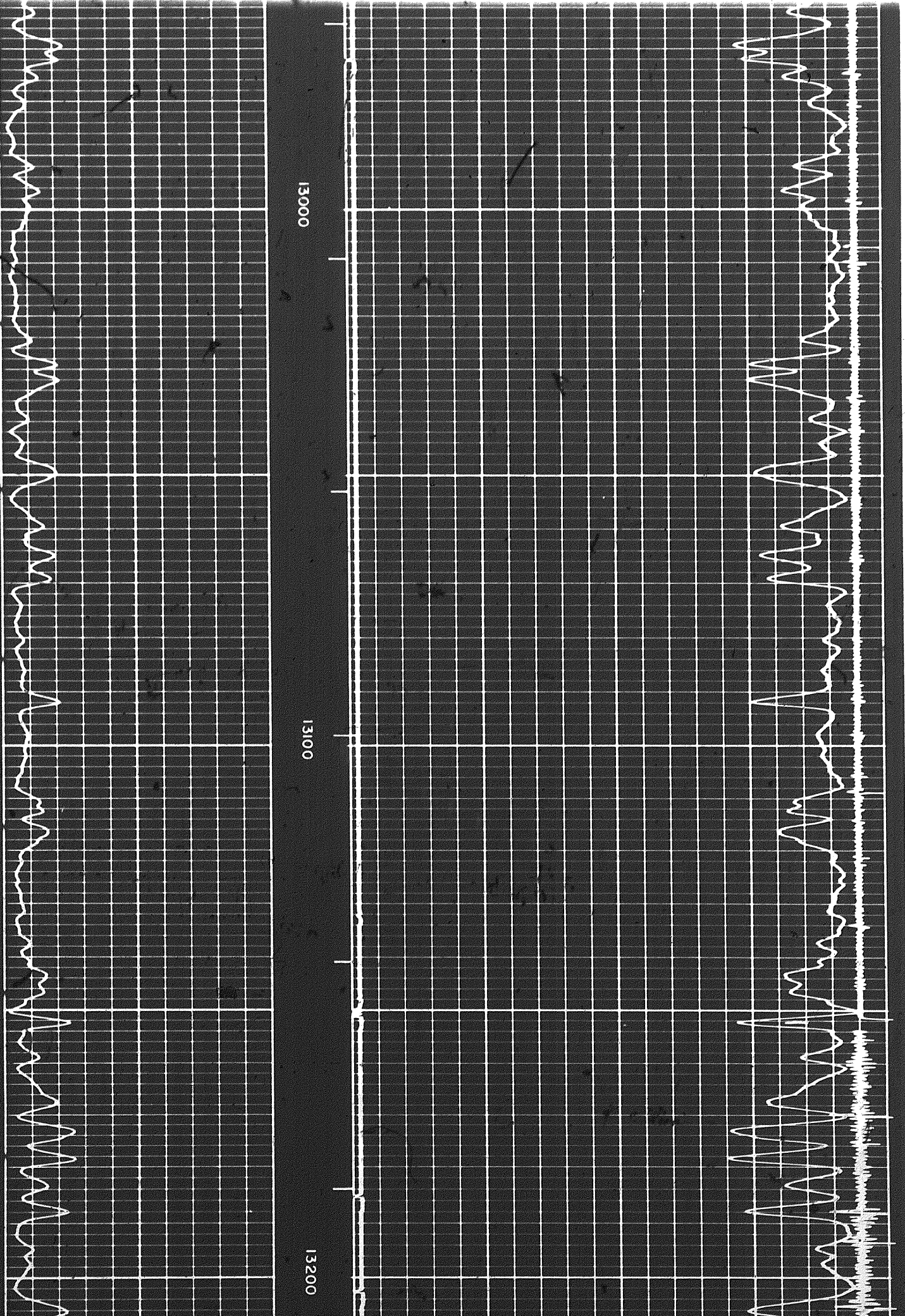


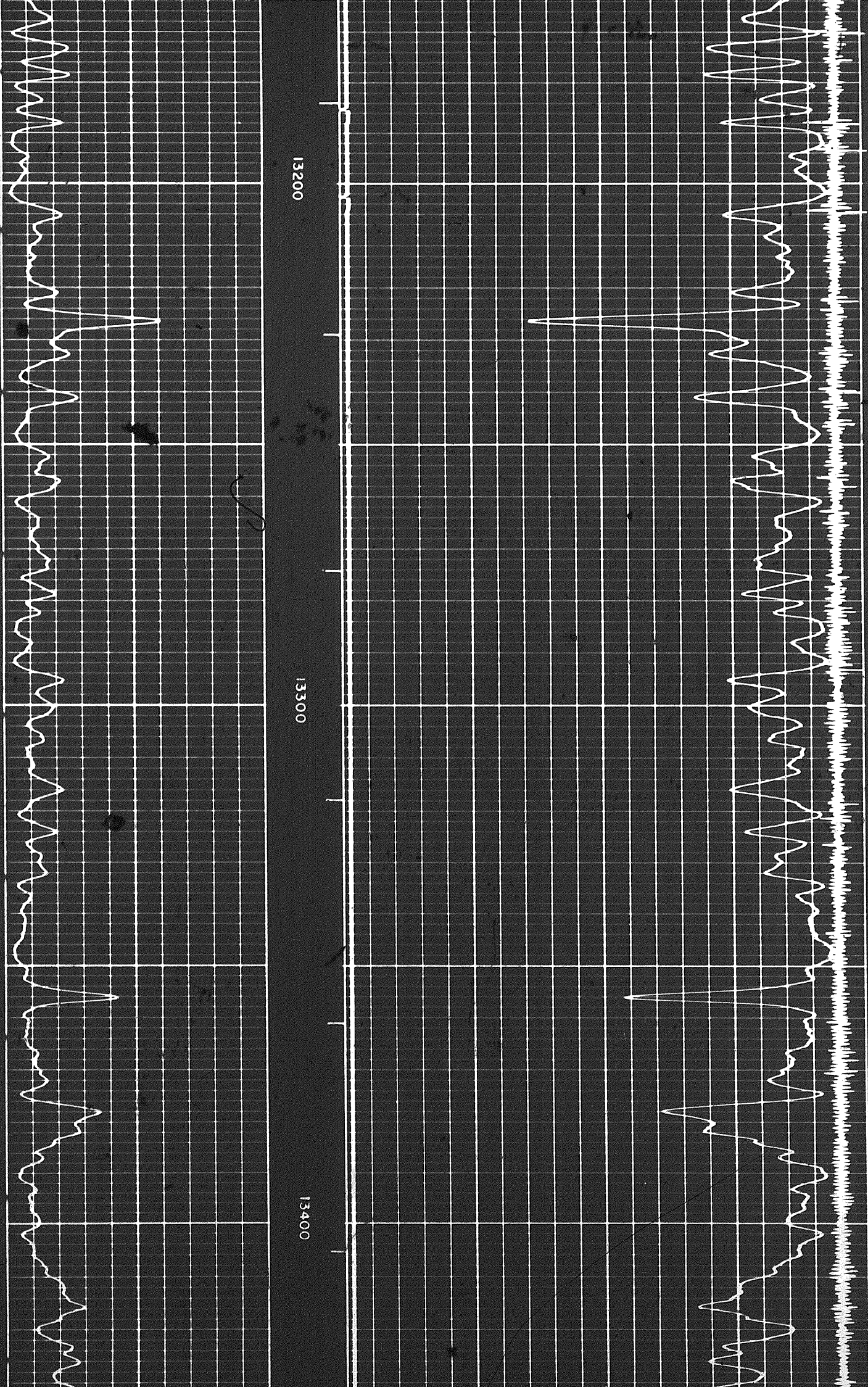
12800

12900

13000

4 of



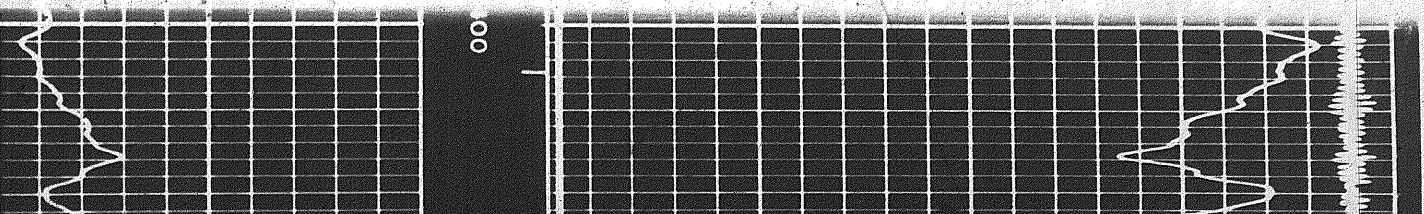
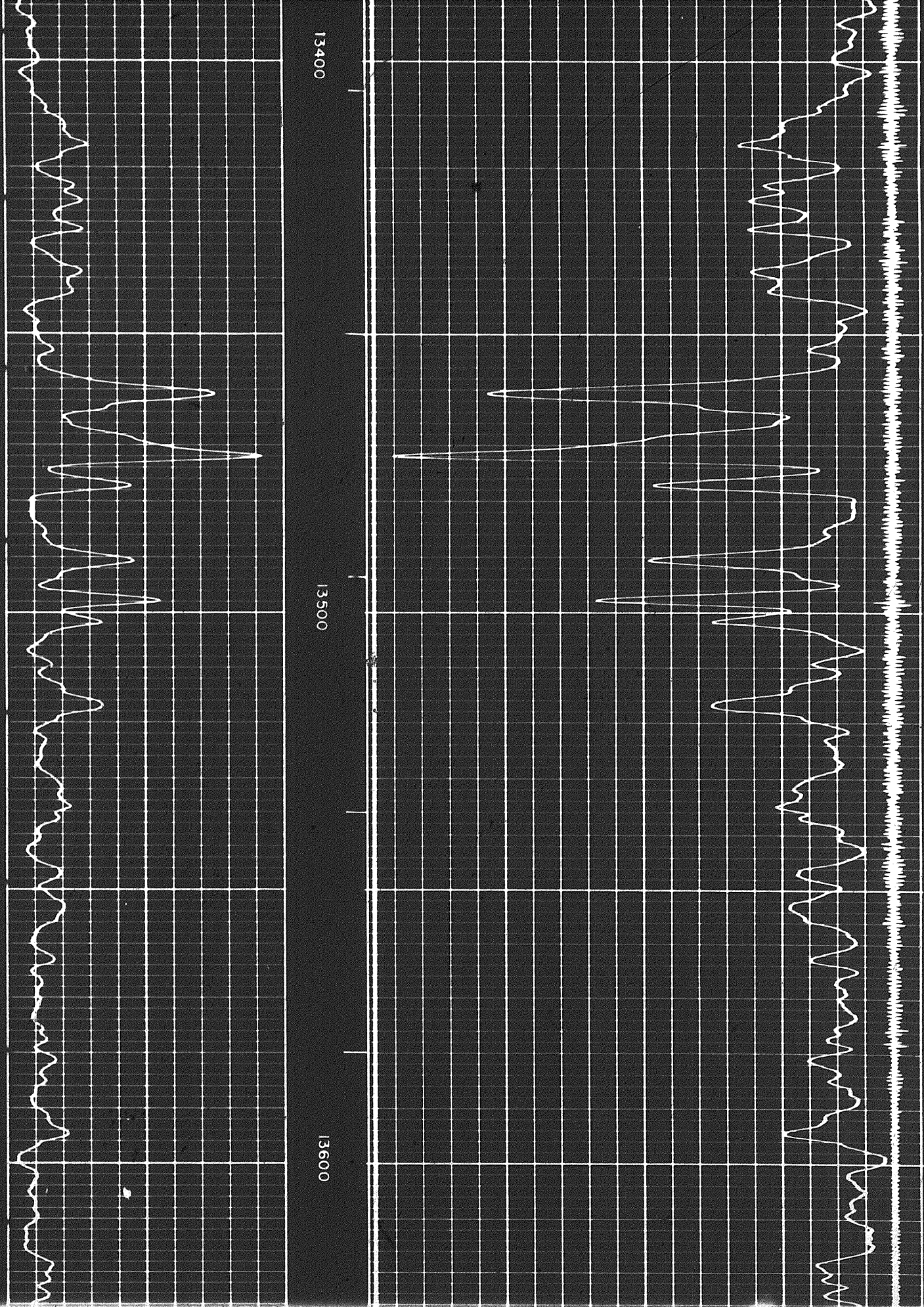


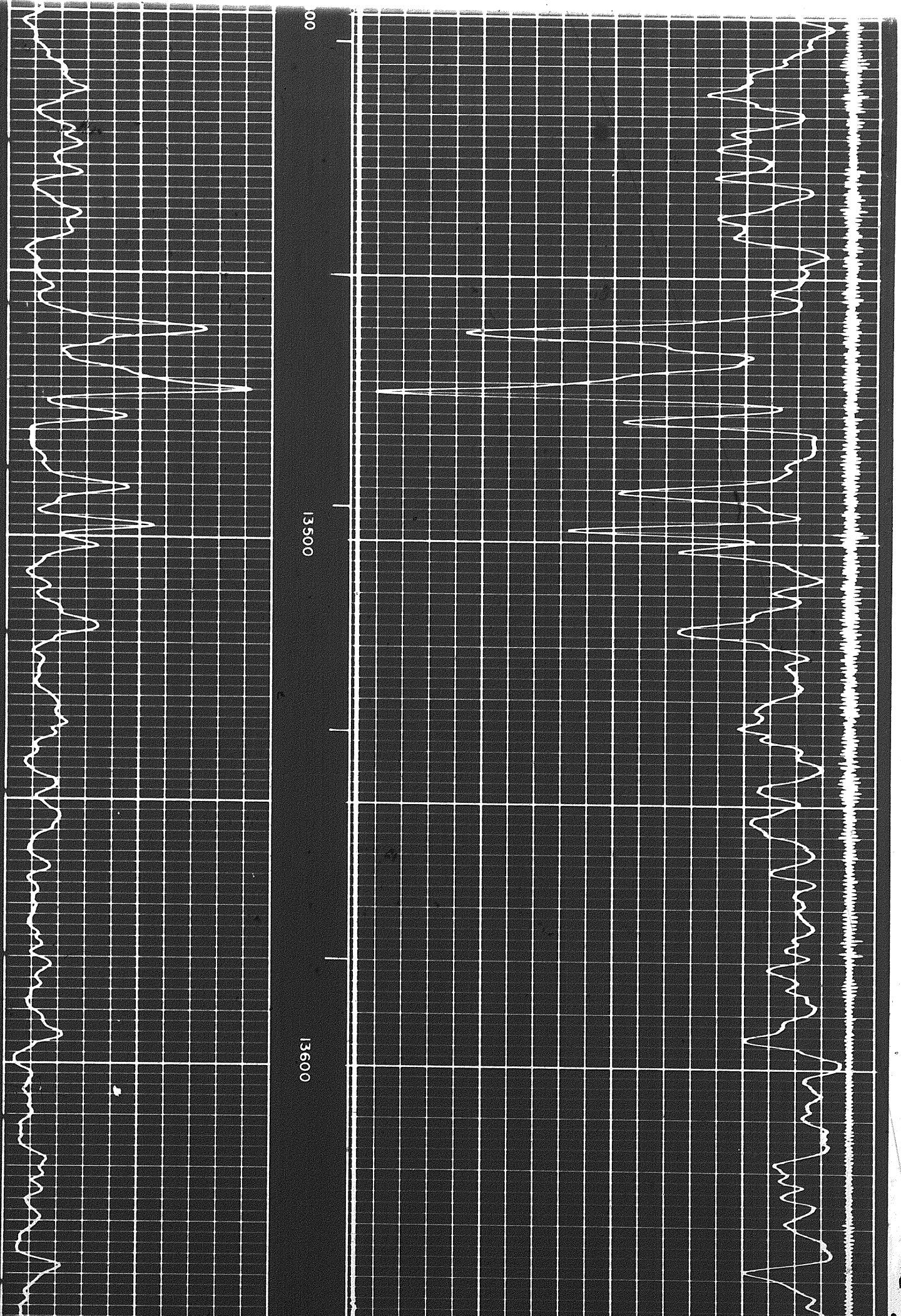
13200

13300

13400

S



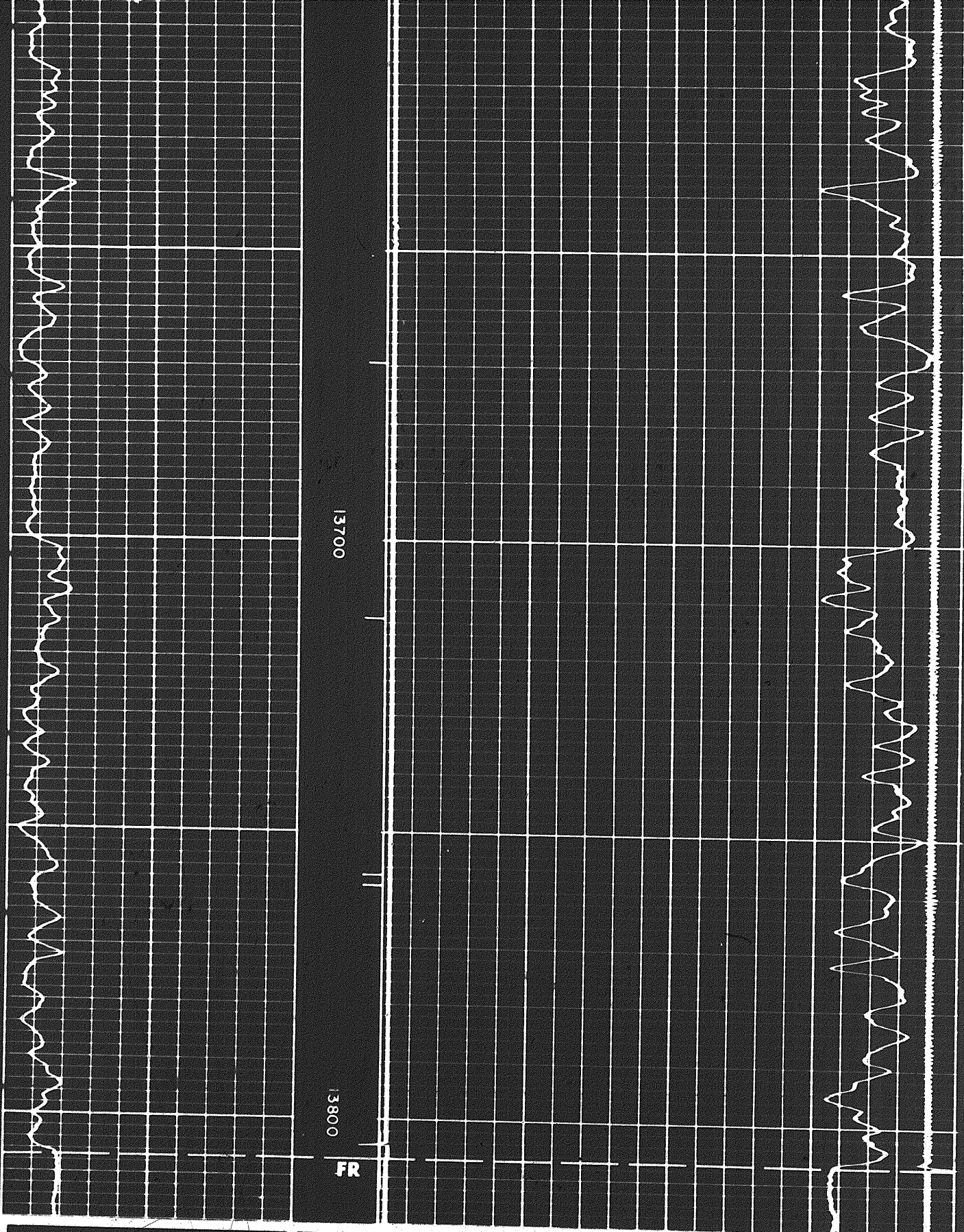


13500

13500

13600

5915



13700

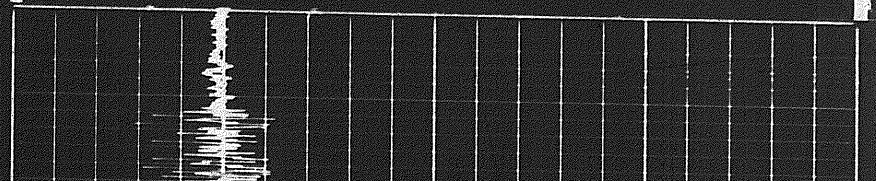
13800

FR

DEPTHS

CASING COLLAR LOG
AFTER PERFORATION
Interval Perforated — No. of Shots

RUN TO LOCATE PACKER SET AT 12208



FR

DEPTHS

CASING COLLAR LOG
AFTER PERFORATION
Interval Perforated — No. of Shots

RUN TO LOCATE PACKER SET AT 12208

12200

COMPANY CANADA SOUTHERN PETROLEUM LIMITED

SOC FR 13807
SOC TD 13815
DRLR TD 14507

WELL CANADA SOUTHERN ET AL N BEAVER R YT 1-27

Elev.:
KB _____
GL _____
CBF _____

FIELD WILDCAT

PROVINCE YUKON TERRITORY