

00 01



5" = 100'

**COMPENSATED  
ACOUSTIC VELOCITY  
LOG**

COMPANY **REICHOLD ENERGY CORPORATION**  
WELL **COLUMBIA CO. NO. 1 REDRILL NO. 1**  
FIELD **NEHALEM BASIN**  
County **COLUMBIA State ORE.**

COMPANY **REICHOLD ENERGY CORPORATION**  
WELL **COLUMBIA COUNTY NO. 1 REDRILL NO. 1**  
FIELD **NEHALEM BASIN**  
COUNTY **COLUMBIA STATE OREGON**

Location **310' NORTH AND 812' WEST FROM THE CENTER OF:**  
**IEL**  
**DIP**

Sec. **11** Twp **6N** Rge **5W**

Permanent Datum **G.L. Elev. 1021**  
Log Measured From **K.B. OR 10.5** Ft. Above Perm. Datum  
Drilling Measured From **K.B.** Elev. **K.B. 1031.5**  
**D.F. 1021**  
**GL. 1021**

Date	4-27-79			
Run No.	ONE			
Depth—Driller	3105			
Depth—Welex	3105			
Blm. Log Inter.	3100			
Top Log Inter.	361			
Casing—Driller	7 @ 360	@	@	@
Casing—Welex	361			
Bit Size	6 1/4			
Type Fluid in Hole	CLAY BASE			
Dens. l Visc.	76 1.52	l	l	l
pH l Fluid Loss	10 13.2ml	l	ml	l
Source of Sample	CIRCULATED			
R <sub>m</sub> @ Meas. Temp.	3.4 @ 70 °F	@	@	@
R <sub>mf</sub> @ Meas. Temp.	2.9 @ 65 °F	@	@	@
R <sub>mc</sub> @ Meas. Temp.	4.3 @ 65 °F	@	@	@
Source R <sub>mf</sub> R <sub>mc</sub>	MEASURED	l	l	l
R <sub>m</sub> @ BHT	N/A @ 100°F	@	@	@
Time Since Circ.	3 HRS.			
Max Rec. Temp.	119°F @ T.D.	°F @	°F @	°F @
Equip. l Location	9017 1 BKFD.	l	l	l
Recorded By	MR. GARZA			
Witnessed By	MR. MCBURNIE, MR. CLARE, MR. BRUER			

Field Note

Service Ticket No. 04449 Remarks:

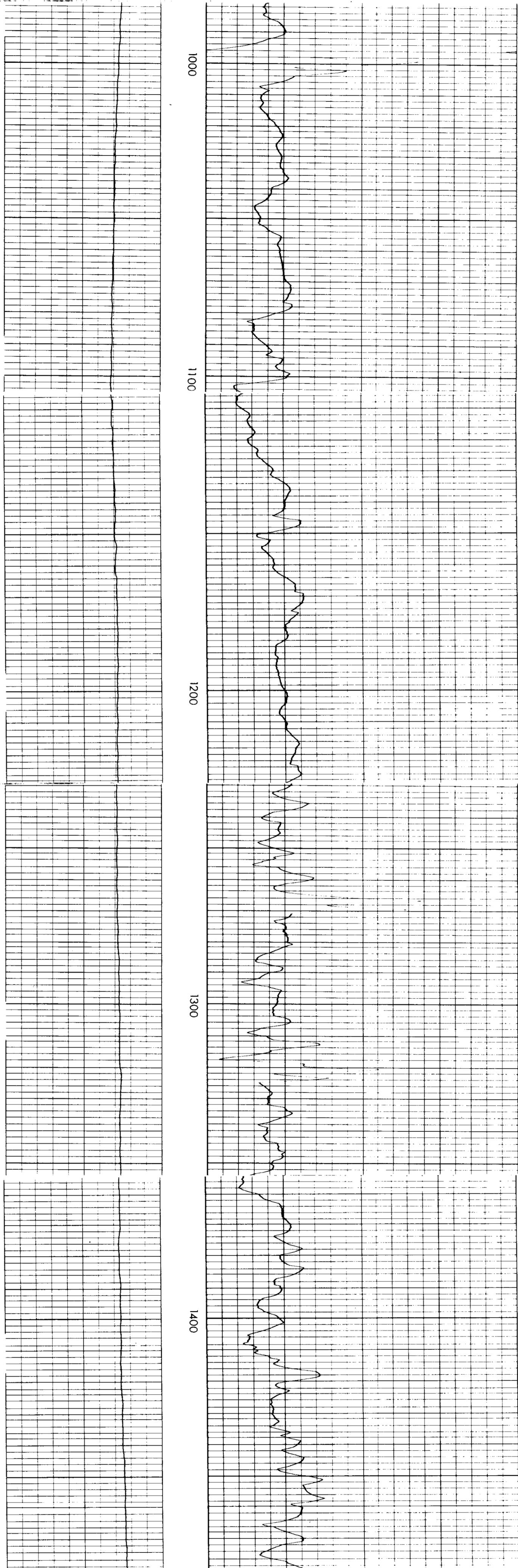
Change in Mud Type or Additional Samples				SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole		
Depth—Driller							
Type Fluid in Hole							
Dens.   Visc.	l	l					
ph   Fluid Loss	l   ml	l					
Source of Sample				EQUIPMENT DATA			
R <sub>m</sub> @ Meas. Temp.	@ °F	@ °F	Run No.	Tool Type and No.	Pad Type	Tool Position	Other
R <sub>mf</sub> @ Meas. Temp.	@ °F	@ °F	ONE			FREE	6 1/4 HOLE
R <sub>mc</sub> @ Meas. Temp.	@ °F	@ °F					
Source: R <sub>mf</sub>   R <sub>mc</sub>	l	l					
R <sub>m</sub> @ BHT	2.6 @ 100°F	@ °F					
R <sub>mf</sub> BHT	1.9 @ 100°F	@ °F					
R <sub>mc</sub> BHT	2.3 @ 100°F	@ °F					

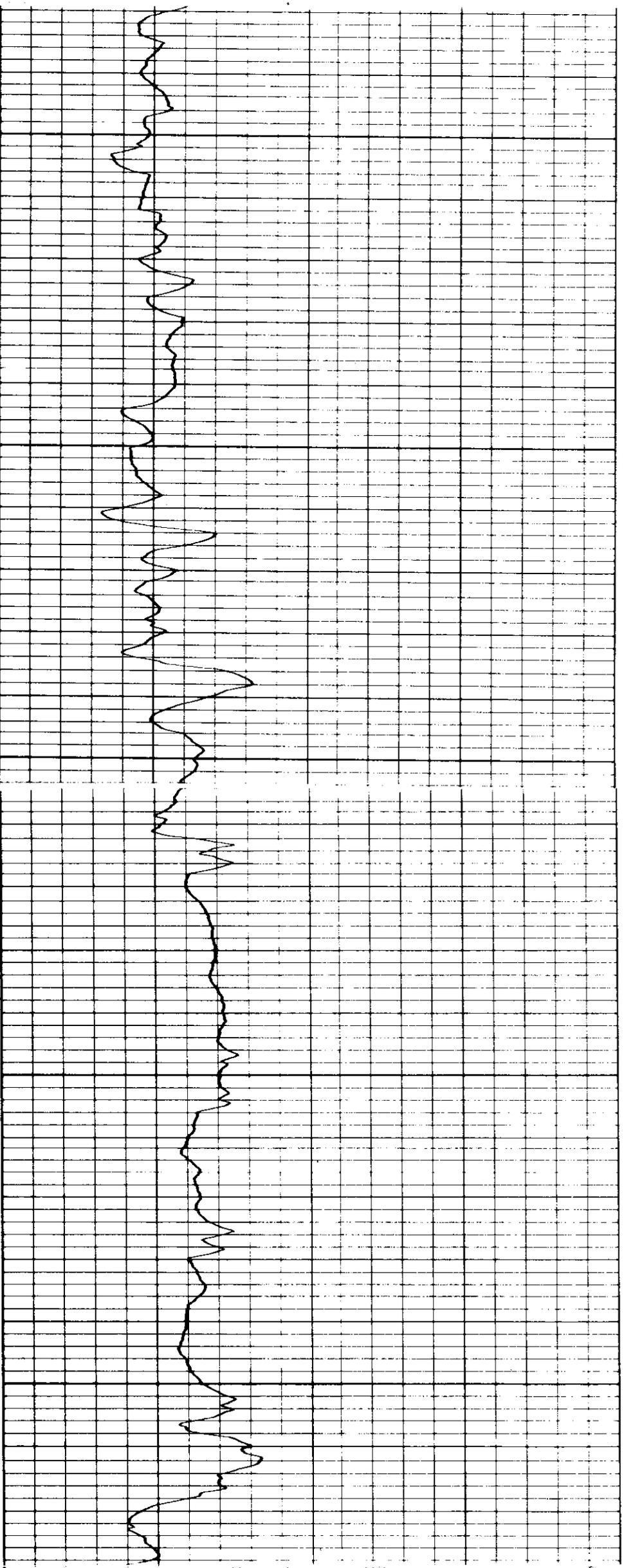
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

5" = 100'

<b>POTENTIAL MILLIVOLTS</b> - → 10 ← +	<b>TRAVEL TIME</b> MICROSECONDS PER FT. $T = \frac{3}{R_1} + \frac{3}{R_2}$	
	150	100 50
250	200 150	



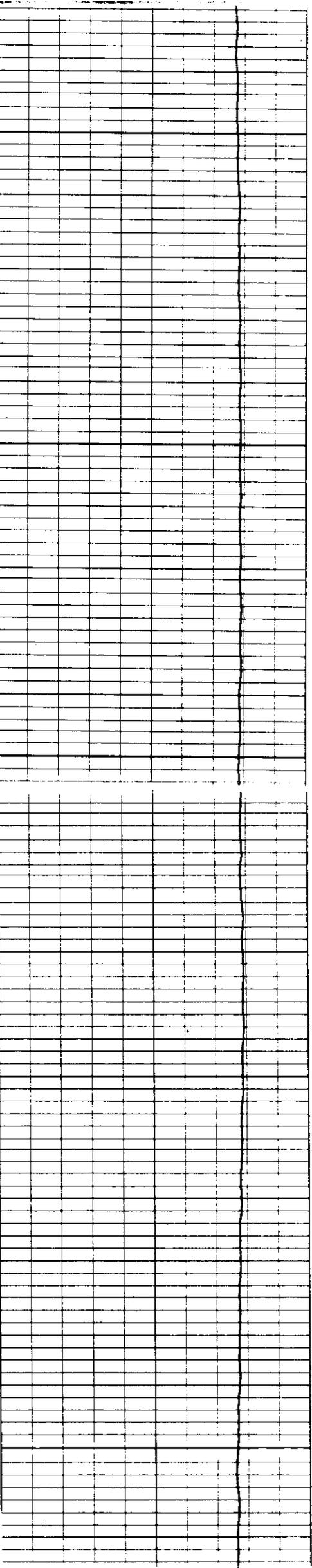


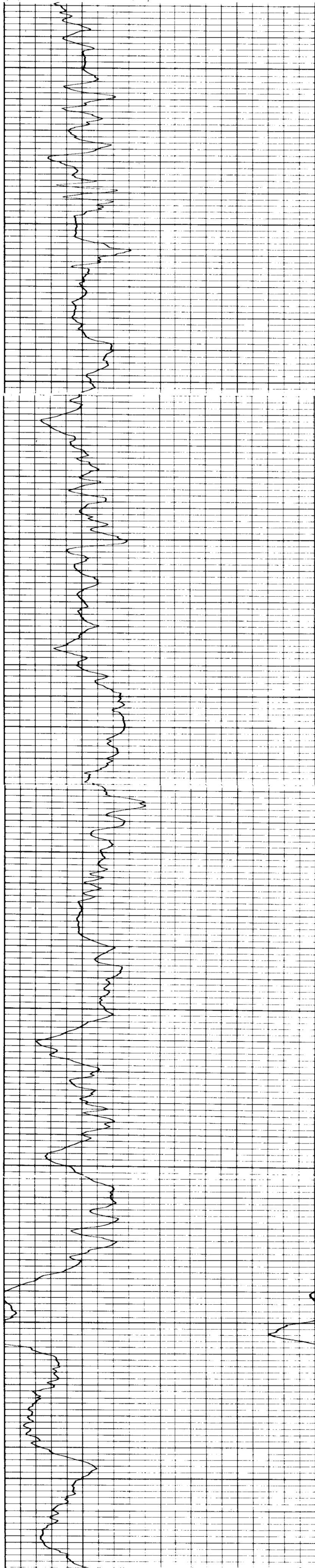


1500

1600

1700





1800

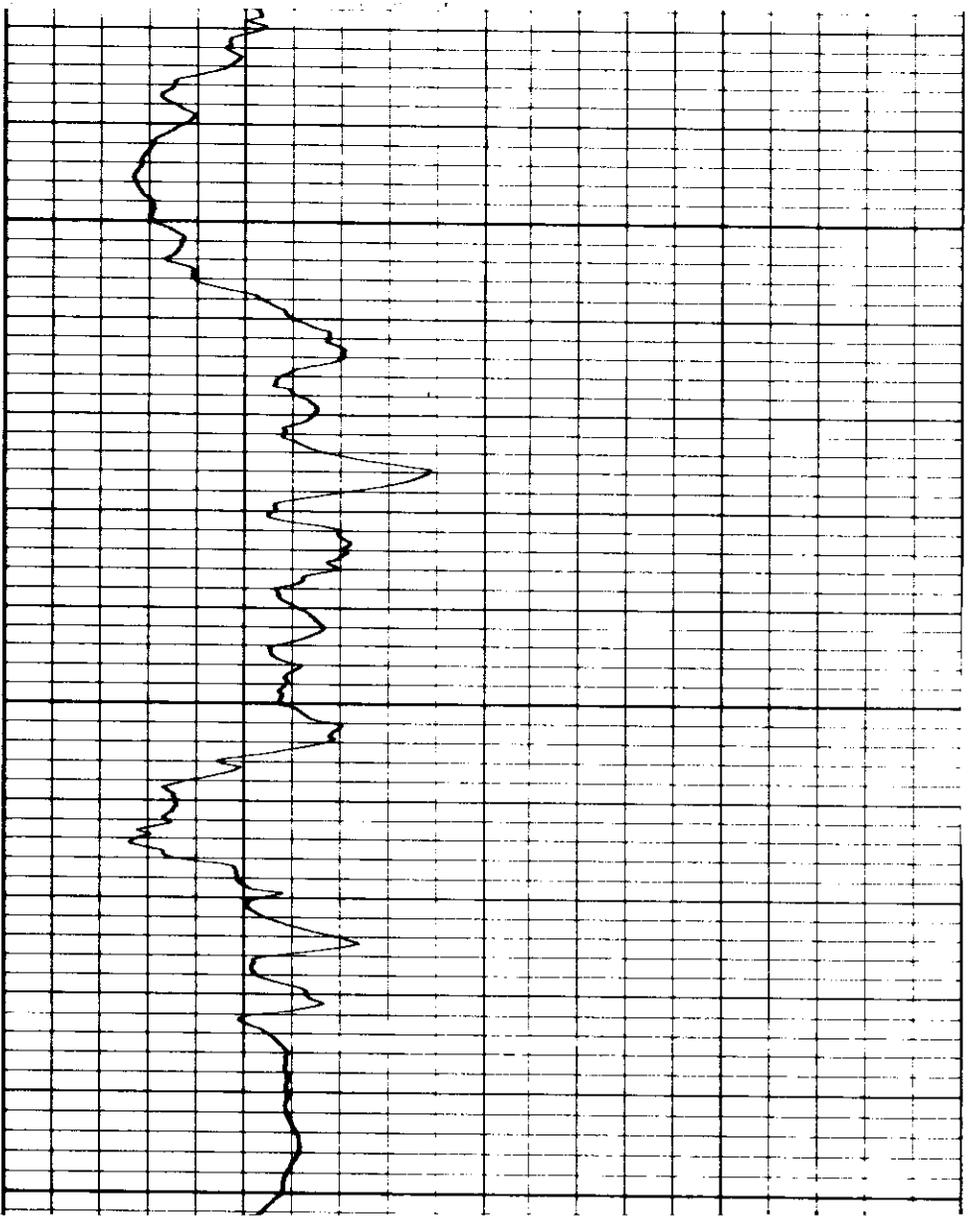
1900

2000

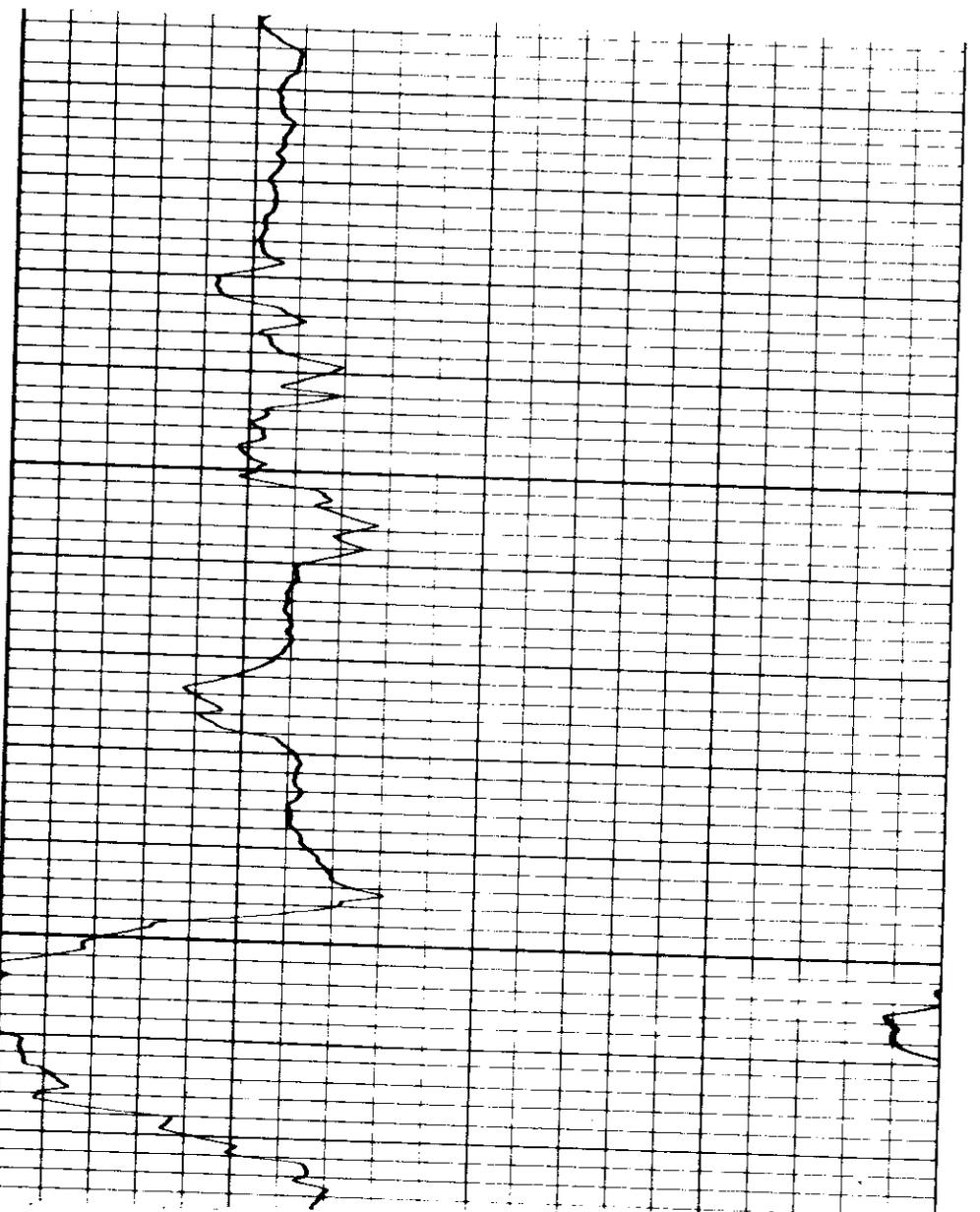
2100

2200

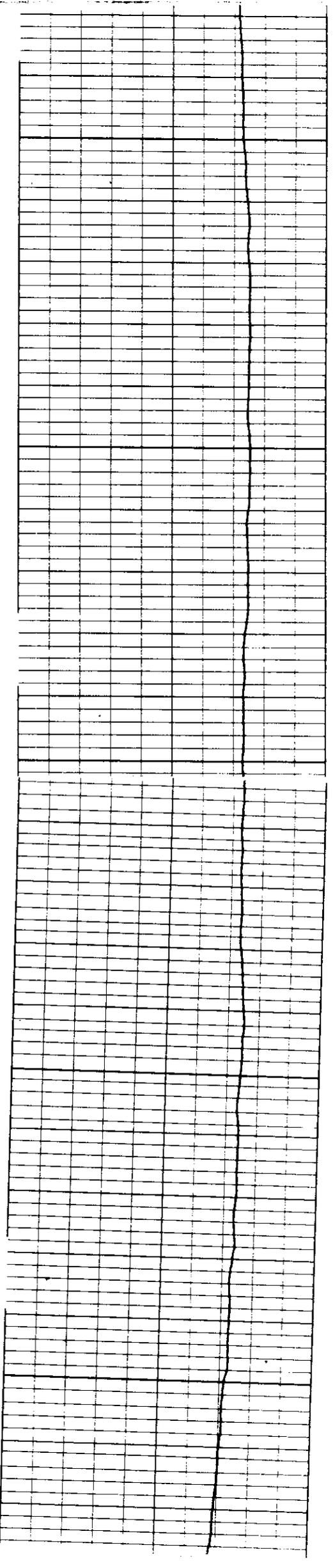
ONE MINUTE  
INTERVAL MARKER

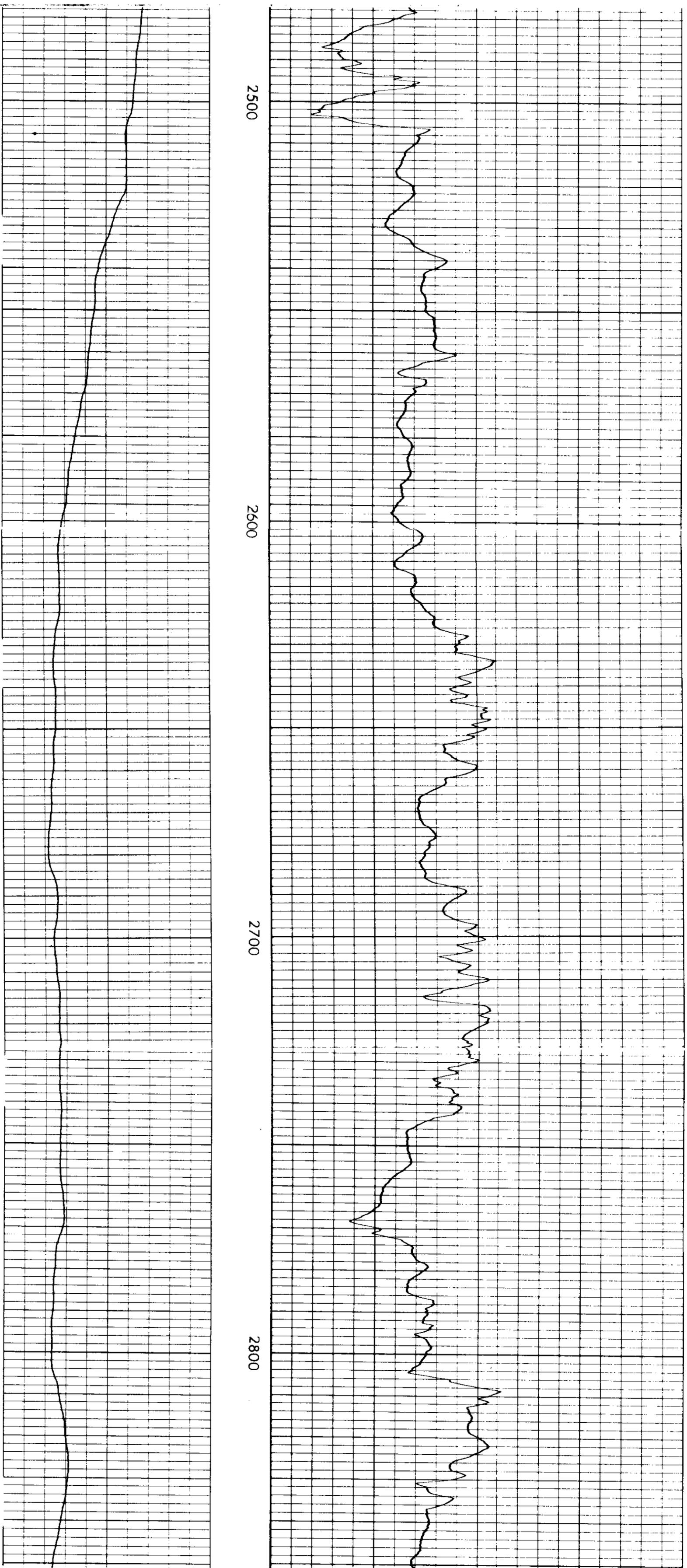


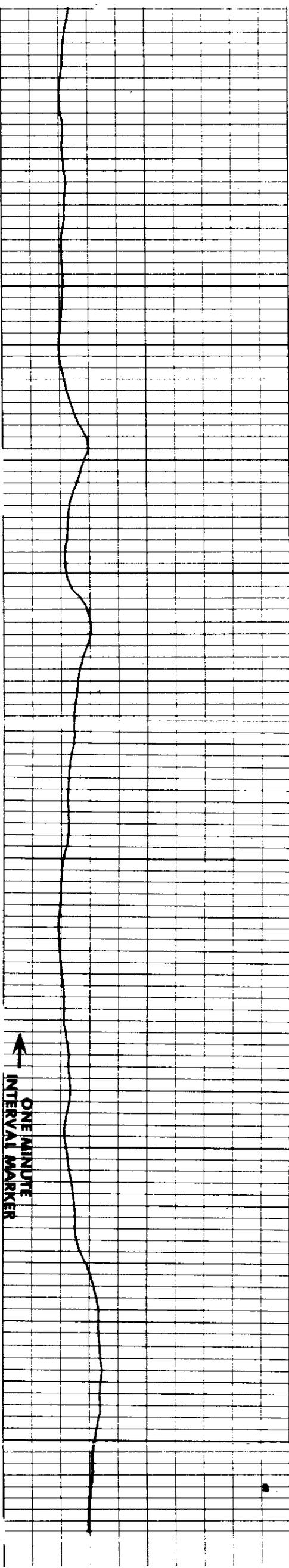
2300



2400



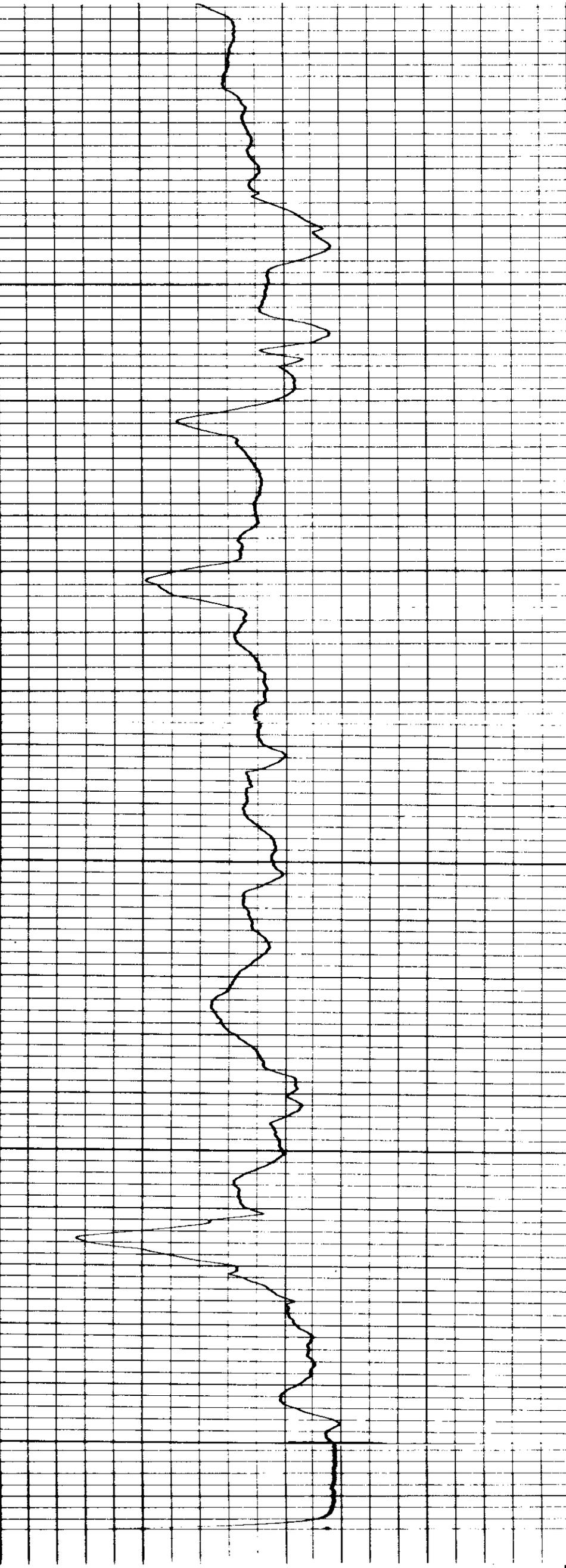




2900

3000

3100



150

100

50

250

200

150

**TRAVEL TIME**

MICROSECONDS PER FT.

$T_3, R_1, 3, R_2$

**POTENTIAL MILLIVOLTS**

REICHHOLD ENERGY CORPORATION  
 COLUMBIA COUNTY NO. 1 REDRILL NO. 1  
 NEHALEM BASIN  
 COLUMBIA COUNTY, OREGON

T.D. LOGGED 3100  
 T.D. DRILLER 3105  
 T.D. WELEX 3105