

# N McCullough

BOND CEMENT AND OR SONIC SEISMOGRAM LOG

GAMMA RAY - 122

WELL NO.

FIELD

PRINT

THANK YOU

COMPANY: LYCO ENERGY CORP.

WELL: STATE APTS # W-32

FIELD: WAITESBURG

COUNTY: WELD STATE: COLO.

LOCATION: NE/NE 660' FWL & 660' FE2

OTHER SERVICES: PERM

SEC: 32 TWP. 6N RGE. 63W

PERMANENT DATUM: G.L.

LOG MEASURED FROM: X.B. 11' ABOVE G.L.

ELEVATIONS: KB 4229 OF 4213 GL 4202

DATE

RUN NO.

TYPE LOG

DEPTH - DRILLER

DEPTH - LOGGER

BOTTOM LOGGED INTERVAL

TOP LOGGED INTERVAL

TYPE FLUID IN HOLE

SALINITY PPM CL.

DENSITY LB./GAL.

LEVEL

MAX. REC. TEMP. DEG. F.

OPR. TIME

RECORDED BY

WITNESSED BY

BONE HOLE RECORD

CASING RECORD

THIS LOGGING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-38 (2)

## LOGGING AND EQUIPMENT DATA (BOND CEMENT LOG)

DATE RECORDED	6-5-89	TOOL MODEL NO.	541-1-1	5N-252
TIME STARTED	1200	DIAMETER	2 3/4"	
TIME FINISHED	1500	LENGTH		
LOGGED INTERVAL	5954' - 6040'			
LOGGED CEMENT TOP	6140'			

## CEMENTING DATA

	1	2	SQUEEZE NO. 1	SQUEEZE NO. 2	SQUEEZE NO. 3
DATE AND HOUR SET					
SETTING TIME (HRS.)					
TYPE CEMENT	CLASS G				
WATER USED	220 SHS				
PRECEDING FLUID					
% ADDITIVE	10% SALT	10% SILICA FUME			
% RETARDER					
SLURRY WEIGHT					
BREAKDOWN PRESSURE					
SURFACE MAX. PRESS.					
BOTTOM MAX. PRESS.					

GAMMA RAY

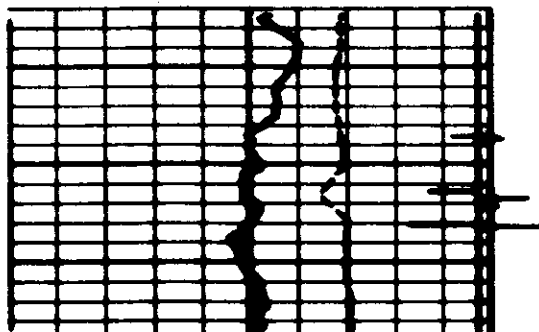
NEUTRON

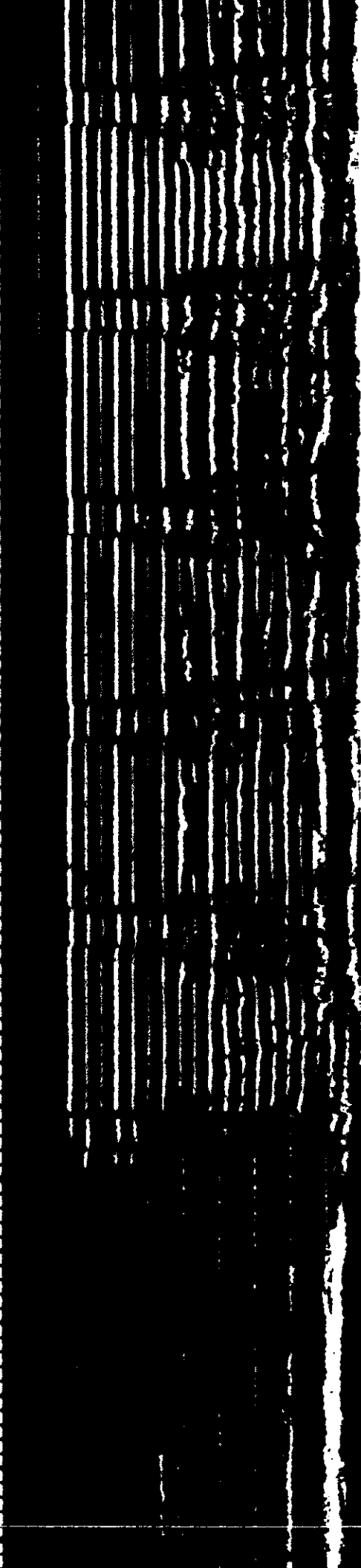
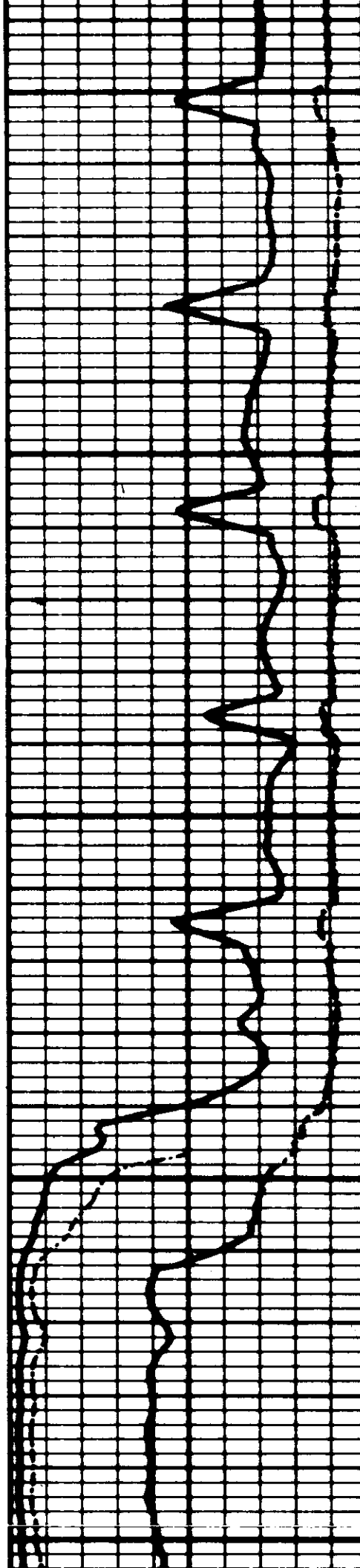
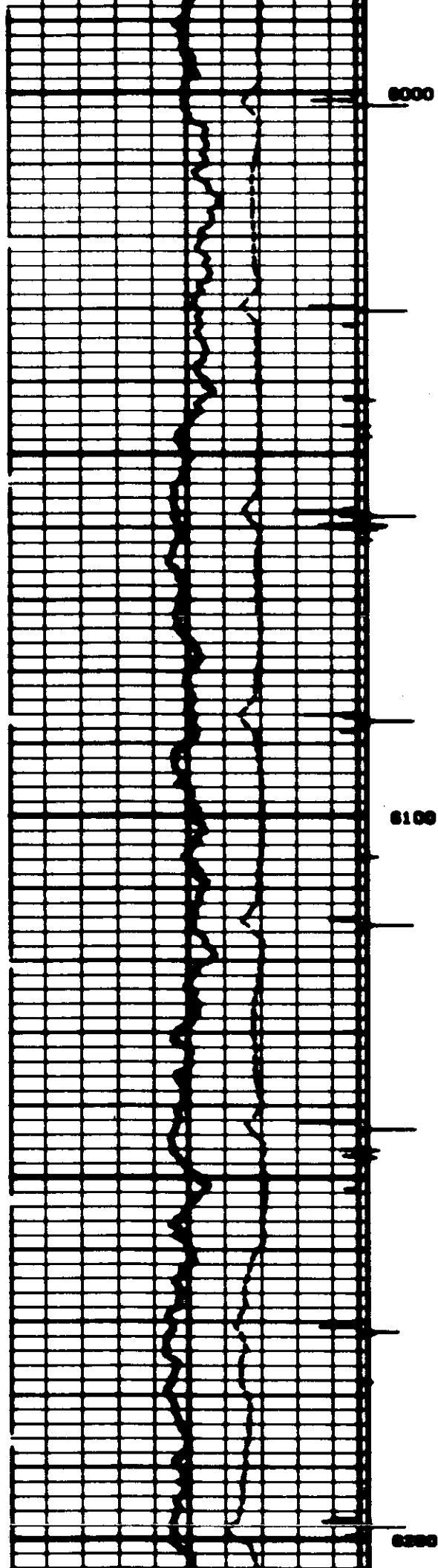
RUN NO.	ONE	RUN NO.	
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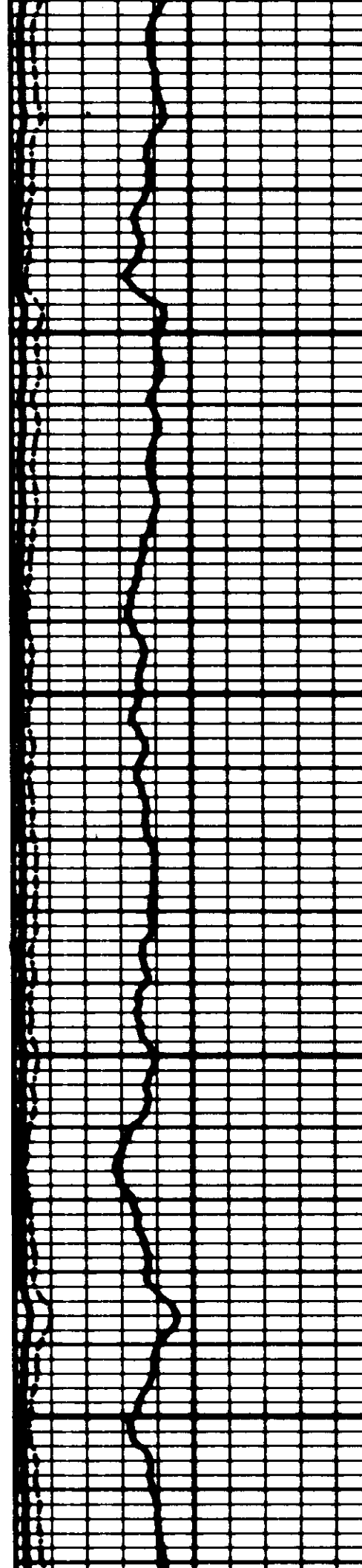
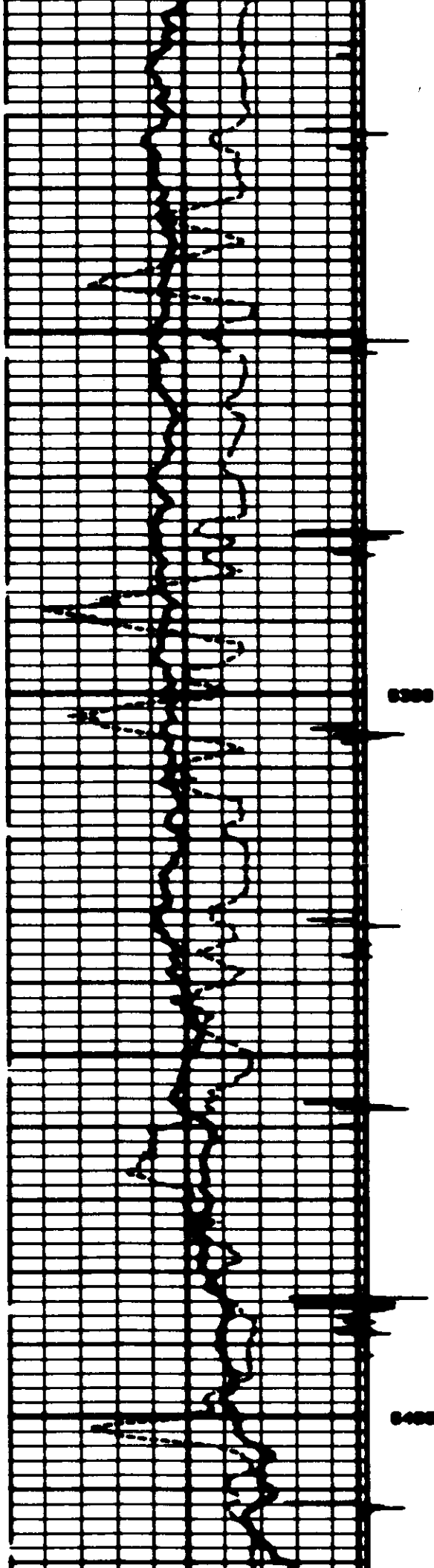
LOG NO.	872	SN# 052	LOG TYPE		
TOOL MODEL NO.	541-2-1		TOOL MODEL NO.		
DIAM.	2 3/4"		DIAM.		
DETECT. MODEL NO.			DETECT. MODEL NO.		
TYPE	SCINT.		TYPE		
LENGTH	8"		LENGTH		
DIST. TO N. SOURCE			SOURCE MODEL NO.		
GENERAL			SERIAL NO.		
HOIST TRUCK NO.	84108		SPACING		
INST. TRUCK NO.	84108		TYPE		
TOOL SERIAL NO.	052		STRENGTH		
LOG TICKET NO.	503030				

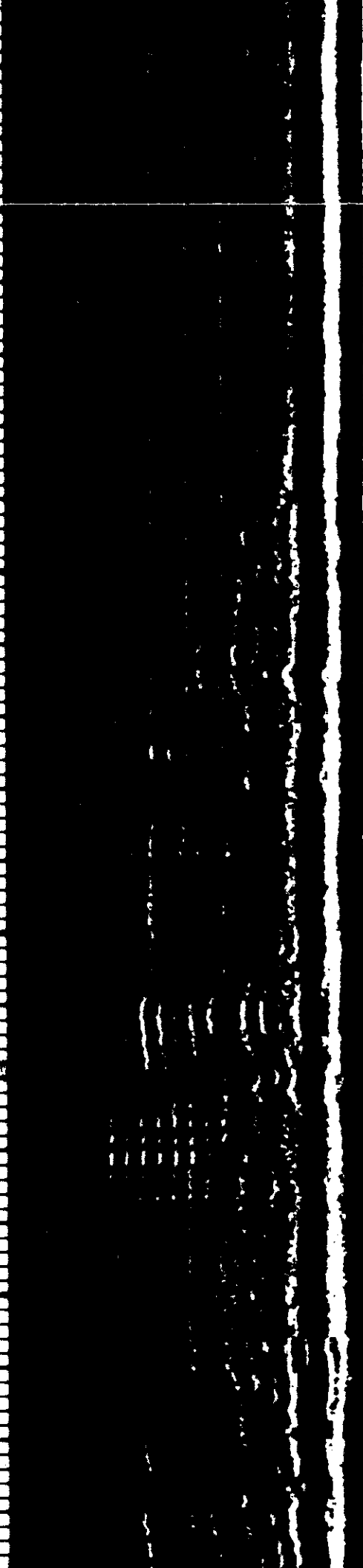
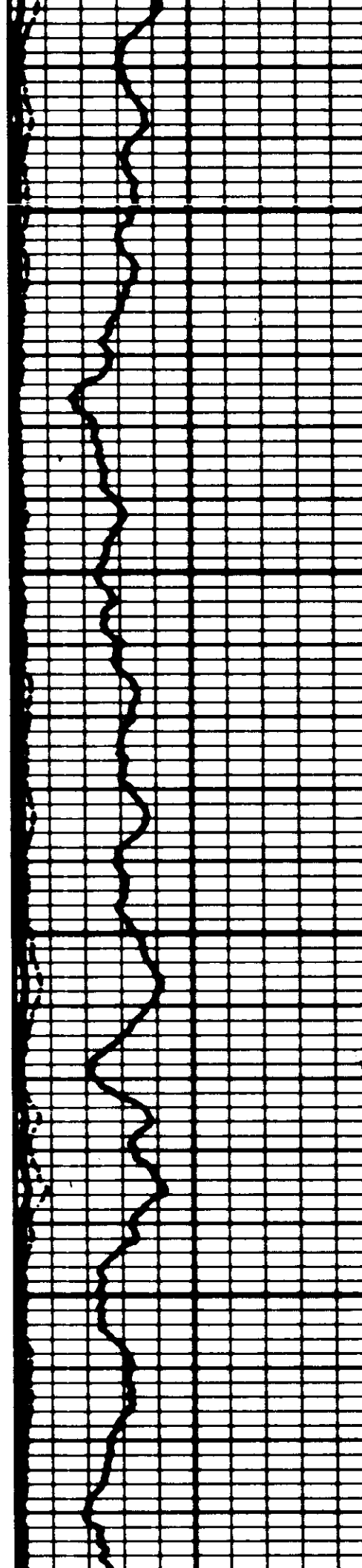
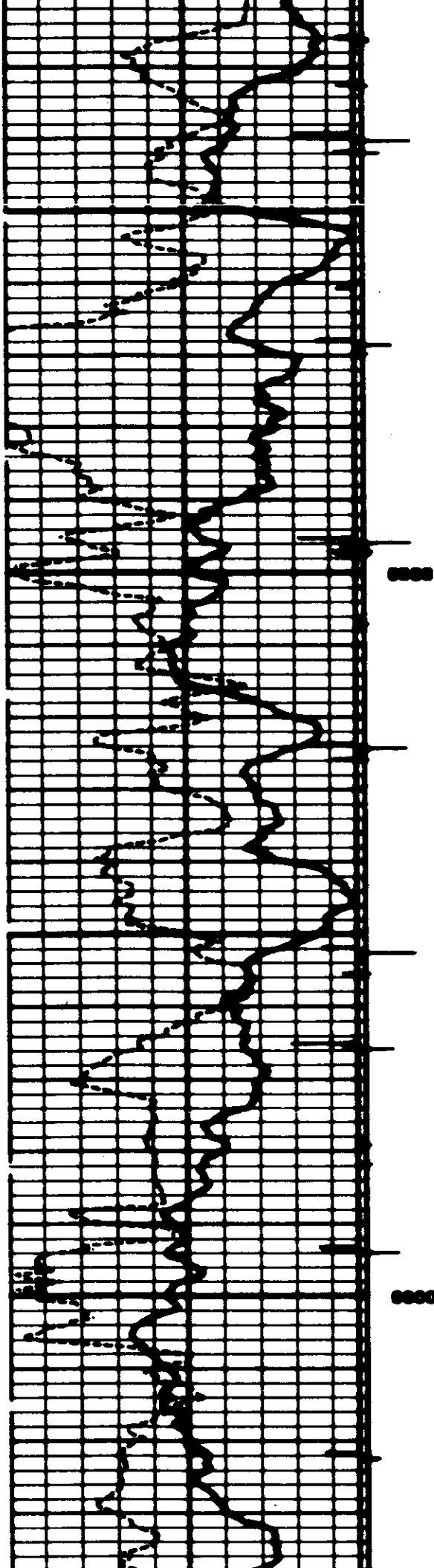
## LOG SECTION

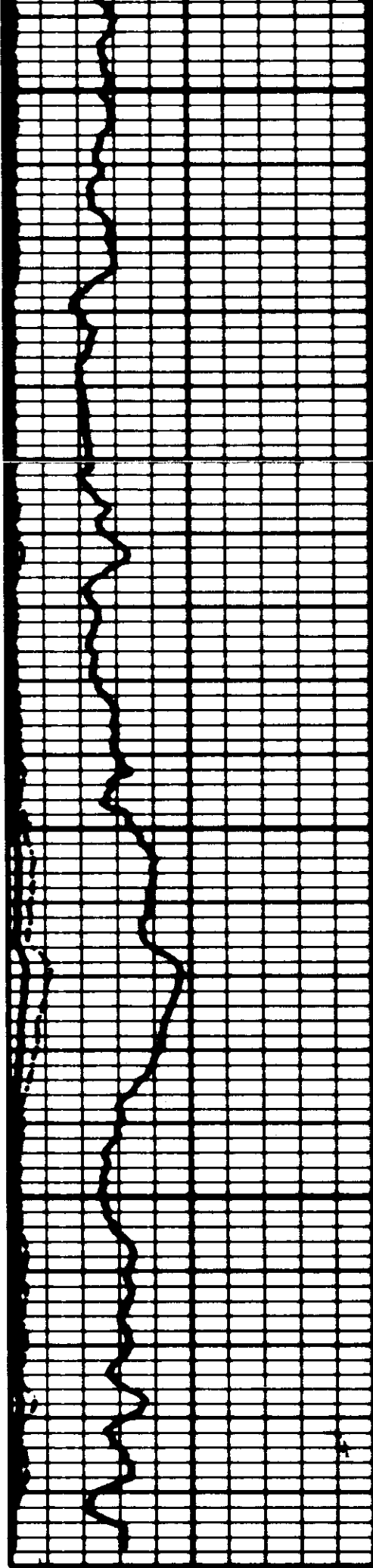
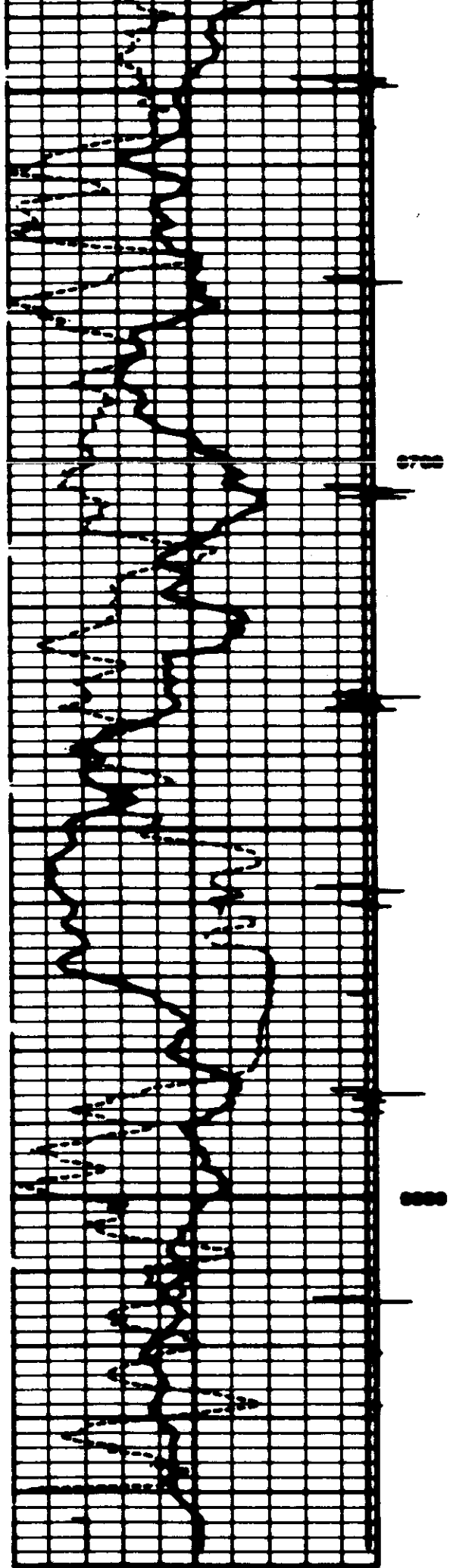
**V 5.1**









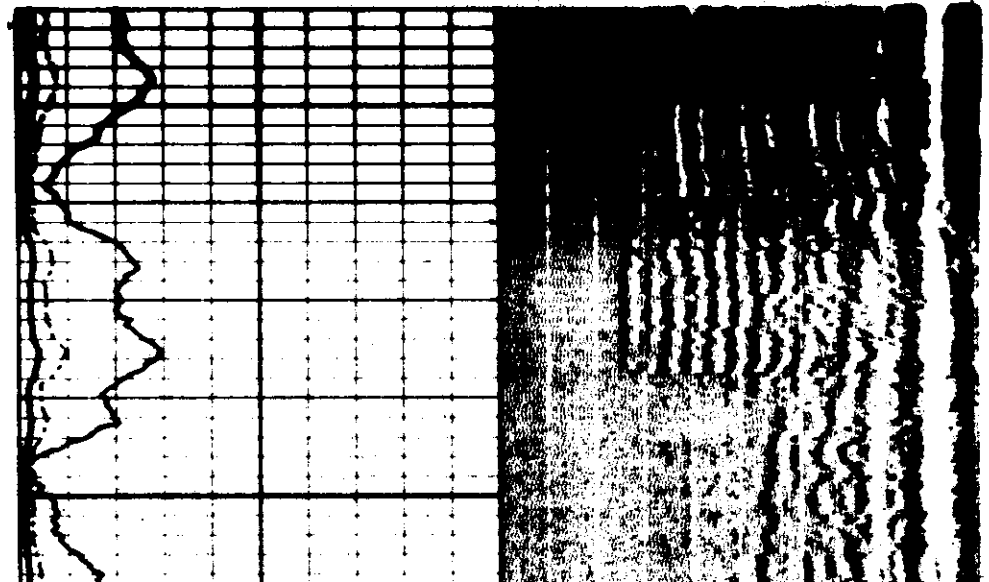
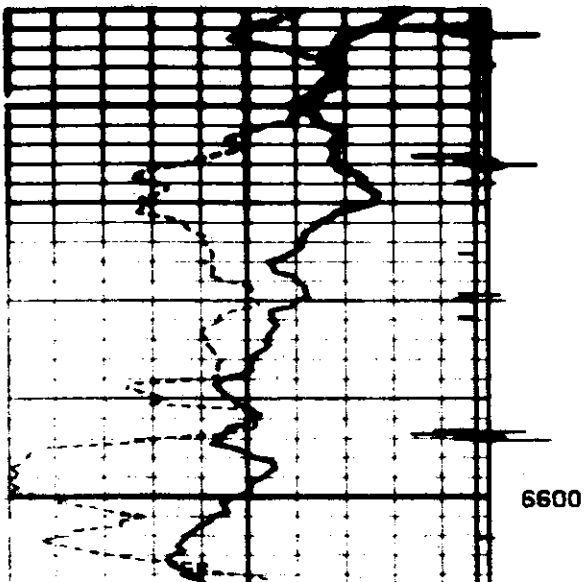


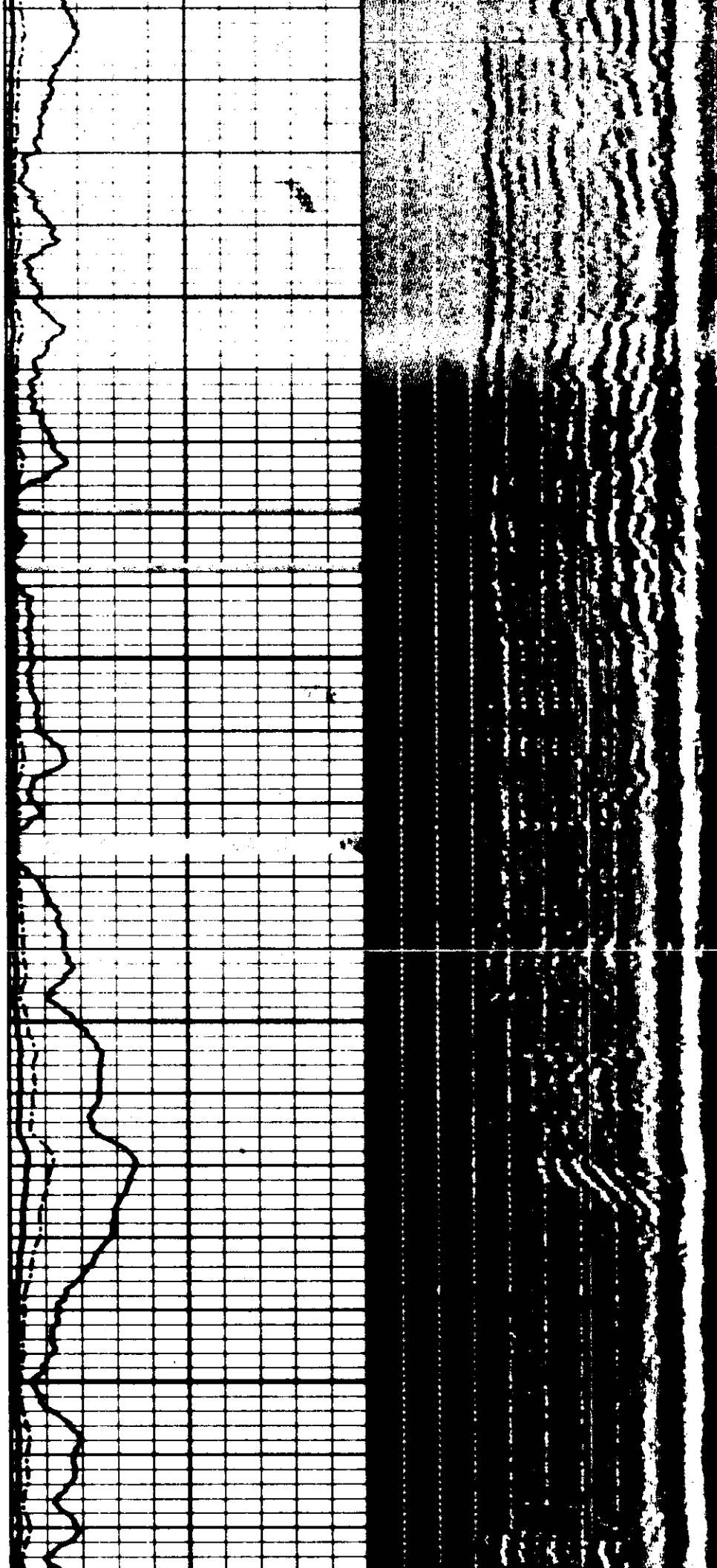
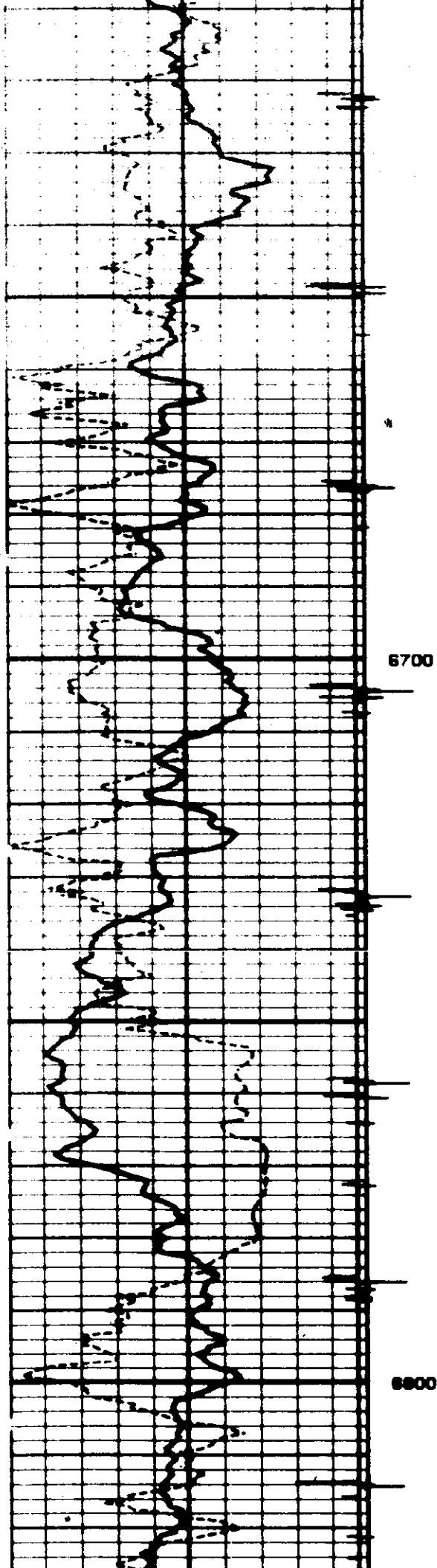
# REPEAT SECTION

-25		CASING COLLAR		60	
WV					
0	GASDA RAY	150	20	NORMAL ATTENUATION	0 200
API			DEPT		SONIC SEISMOGRAPH
			75.000 RATING		1200
275	TRAVEL TIME	175	0	CEMENT BOND	120
US			WV		
			AMPLIFIED X 5		
			WV		

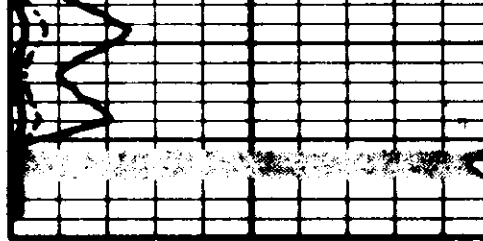
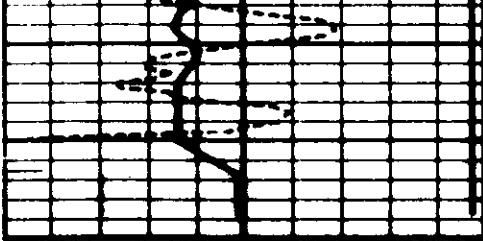
V 6.1

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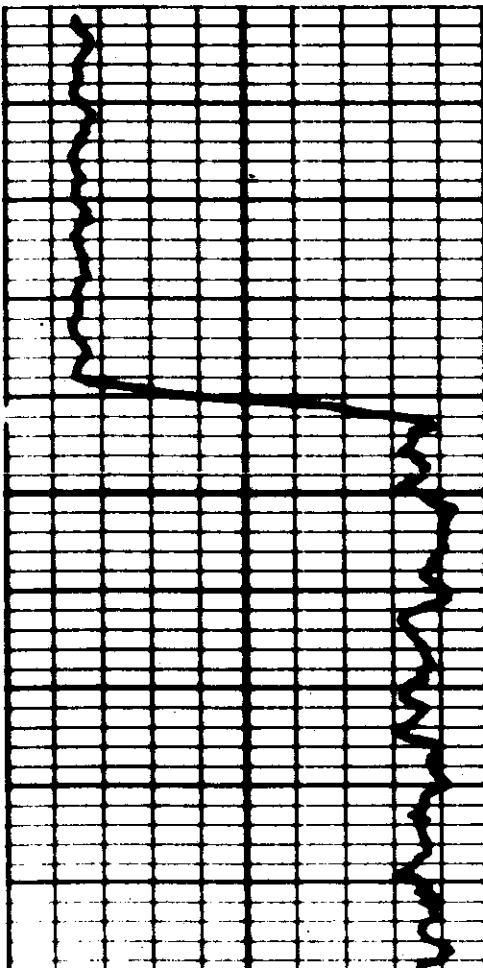


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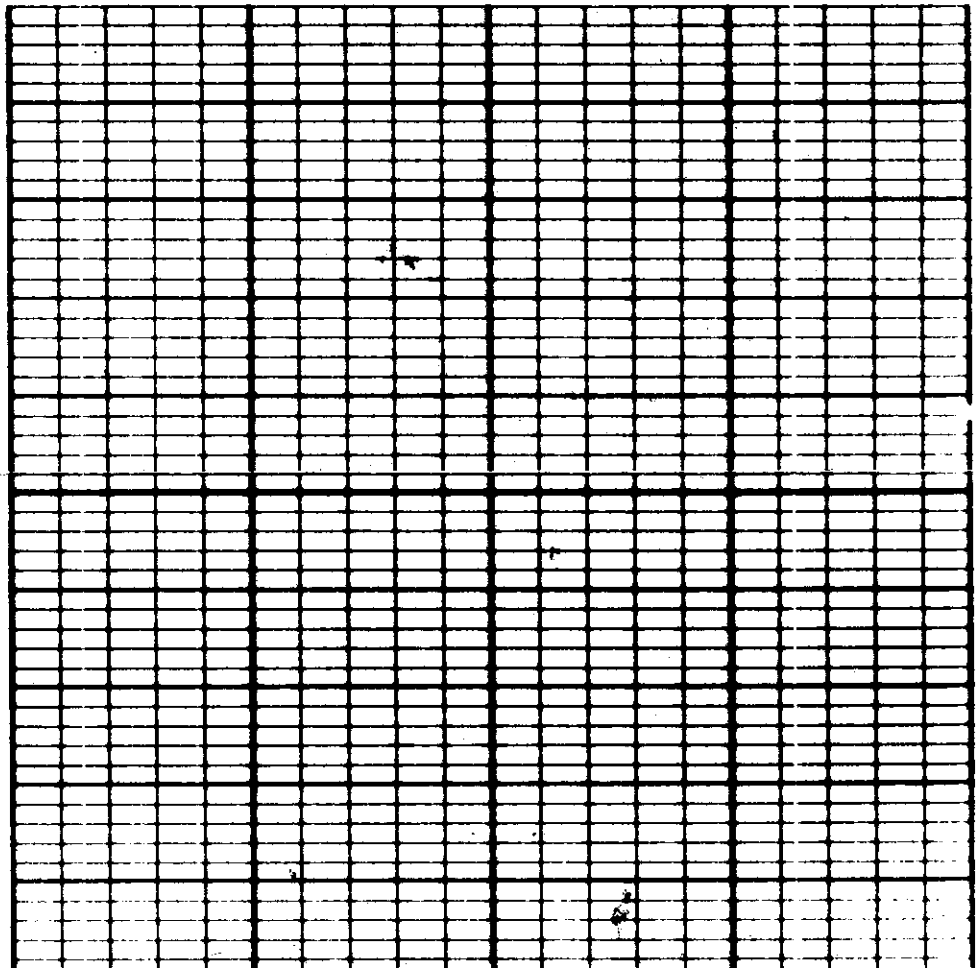
0      GAIN DAY      350	
API	

V 8.1

FILE 0



3



[illegible]