

GREAT GUNS

Digital Log

R A Guard Log

FILE NO.

COMPANY CHIEF DRILLING COMPANY, INC.WELL COBERLY No. D-1

FIELD _____

COUNTY GOWE STATE KANSASLOCATION: NE NE NW

OTHER SERVICES _____

SEC 20 TWP 15S RGE 28W

Permanent Datum GROUND LEVEL Elev. 2425
Log Measured from KELLY BUSHING 7 Ft. Above Permanent Datum
Drilling Measured from KELLY BUSHING

Elevations:
KB 2432
DF 2428
GL 2425

Date	<u>NOV 20, 1985</u>		
Run No.	<u>ONE</u>		
Depth—Driller	<u>4250</u>		
Depth—Logger	<u>4247</u>		
Bottom Logged Interval	<u>4244</u>		
Top Logged Interval	<u>SURFACE</u>		
Casing—Driller	<u>8 5/8</u>	@	@
Casing—Logger			
Bit Size	<u>7 1/8"</u>		
Type Fluid in Hole	<u>DAPAL</u>		
Density and Viscosity	<u>9.3</u>	<u>54</u>	
pH and Fluid Loss	<u>10.0</u>	<u>10.0</u> cc	cc
Source of Sample	<u>FLOWLINE</u>		
Rm @ Meas. Temp.	<u>0.95</u> @ <u>65</u> °F	@	°F
Rmf @ Meas. Temp.	<u>0.71</u> @ <u>65</u> °F	@	°F
Rmc @ Meas. Temp.	<u>1.43</u> @ <u>65</u> °F	@	°F
Source of Rmf and Rmc	<u>CALCULATED</u>		
Rm @ BHT	<u>0.54</u> @ <u>115</u> °F	@	°F
Time Since Circ.	<u>1 1/2 HOURS</u>		
Max. Rec. Temp. Deg. F.	<u>115</u> °F		°F
Equip No. and Location	<u>79</u>	<u>HAYS, KS</u>	

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EQUIPMENT DATA

n No.	Gamma Ray			Neutron				
	ONE	200A	4 IN.	6 IN.	107 IN.	Run No.	Log Type	Tool Model No.
Model No.								
Diameter								
ector Model No.								
ype								
length								
tance to N. Source								
General								
est Truck No.	<u>79</u>	<u>HAYS, KS</u>						
ument Truck No.	<u>79</u>	<u>HAYS, KS</u>						
il No.								

LOGGING DATA

General	Gamma Ray			Neutron		
	Speed Ft./Min.	Sens. Settings	Zero Div. L or R	Sens. Settings	Zero Div. L or R	API N. Units Per Log Div.
Depths						
From						
To						
E 4247	<u>35</u>		<u>-0-</u>		<u>76</u>	<u>80 PD</u>
E 3150	<u>50</u>		<u>-0-</u>		<u>-</u>	<u>-</u>

GAMMA RAY
A.P.I. UNITS

1000

100

10

1

2

RESISTIVITY

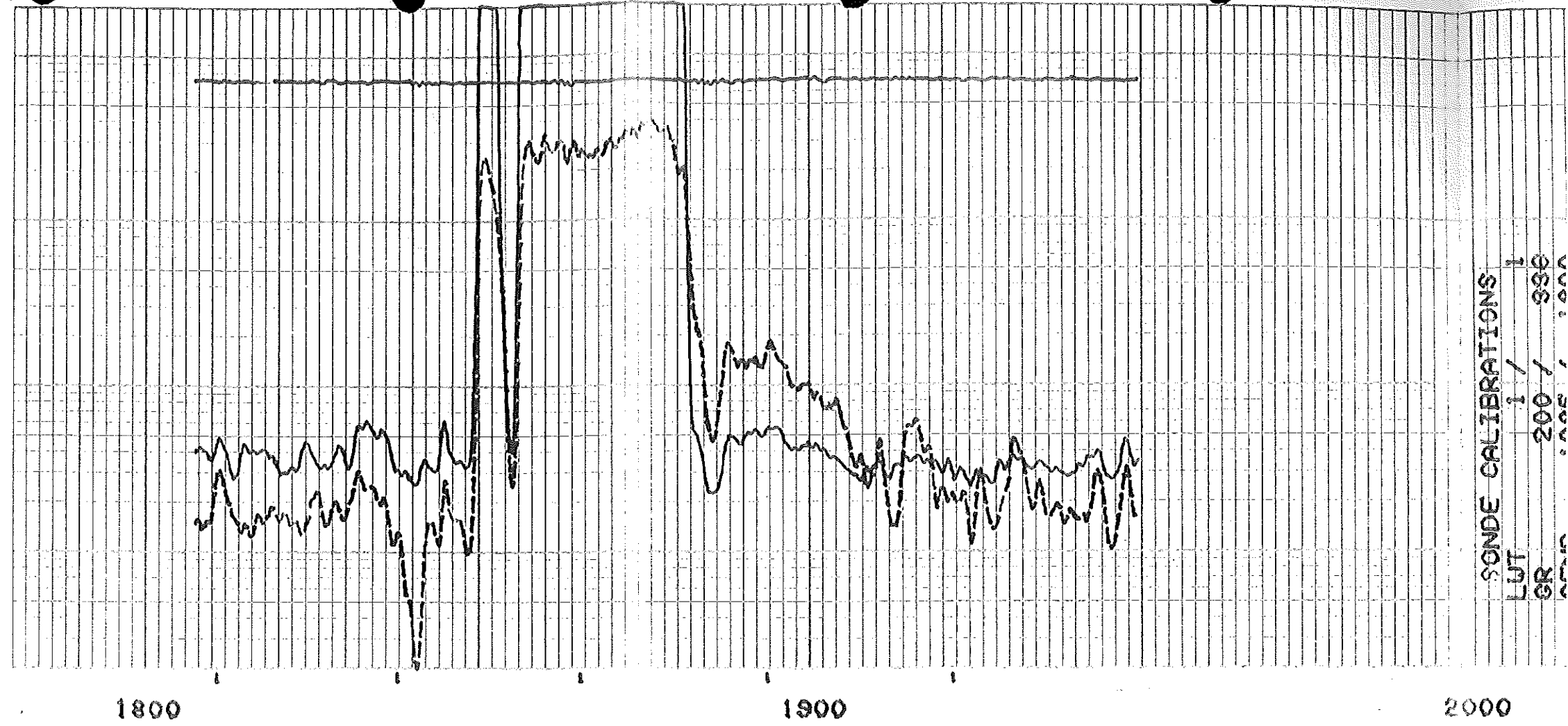
NEUTRON
A.P.I. UNITS

2160

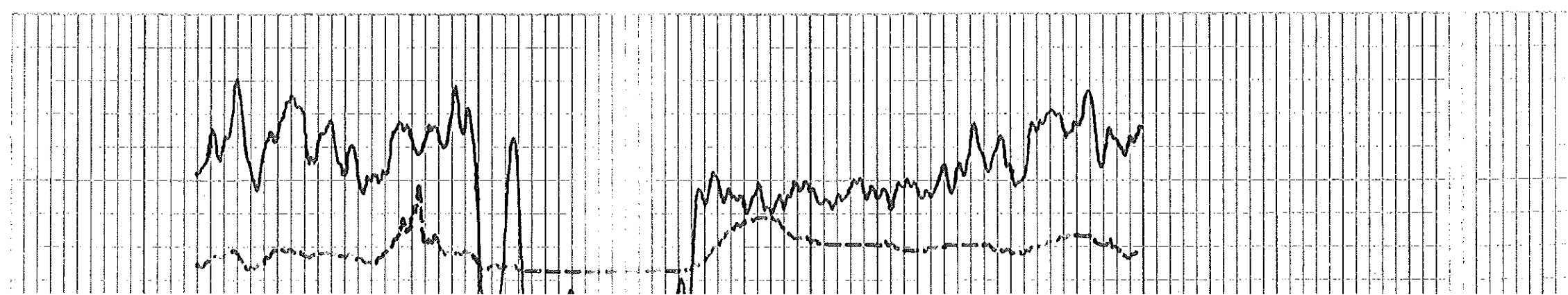
CALIPER
(INCHES)

16"

RESISTIVITY	NEUTRON	2160
	A.P.I. UNITS	



CALIPER	16"
(INCHES)	



SONDE CALIBRATIONS
 LUT 1 / 1
 GR 200 / 936
 1000

2000

SONDE CALIBRATIONS

LUT	1 /	1
GR	200 /	336
SENP	1085 /	1800
RSTY	1.0 /	1.0 +.5

GAMMA RAY
API UNITS

150
300

CALIPER
INCHES

10

LINE WEIGHT
POUNDS

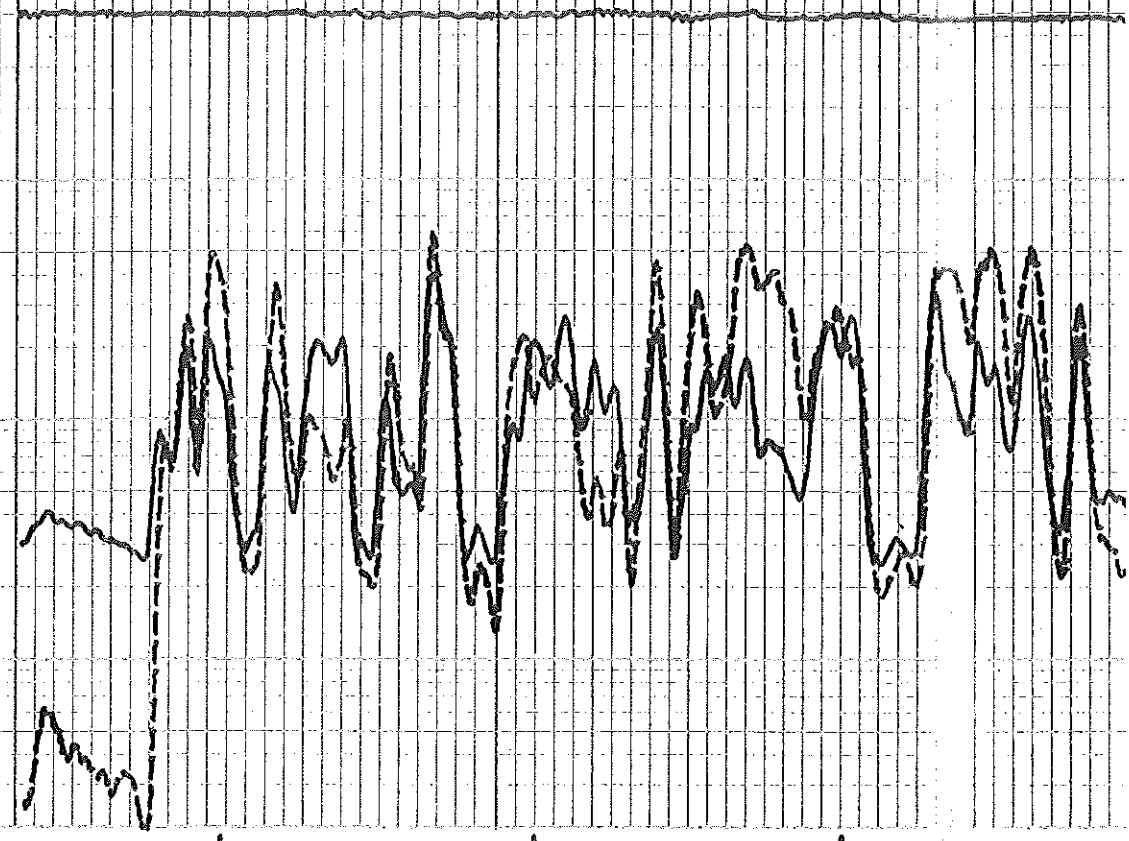
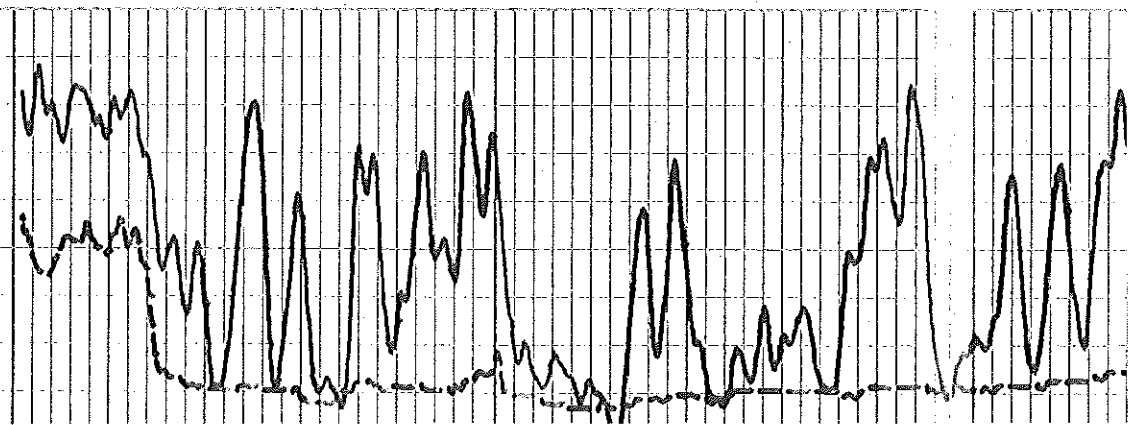
4500
5000

NEUTRON
API UNITS

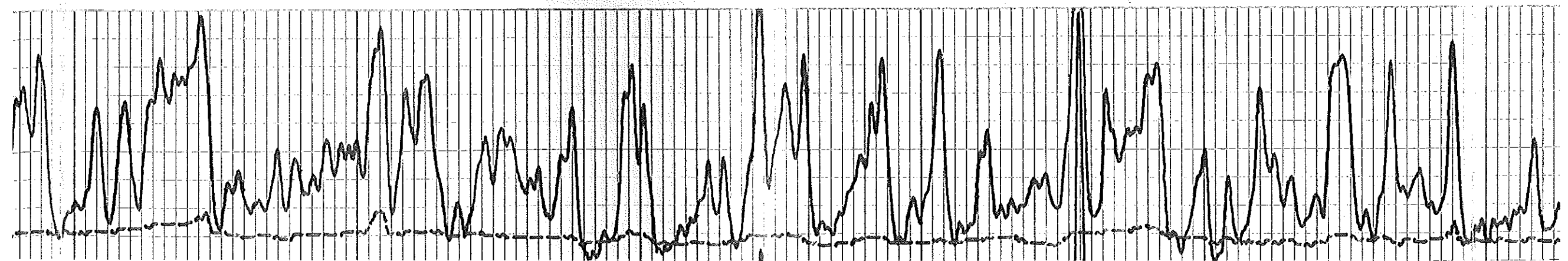
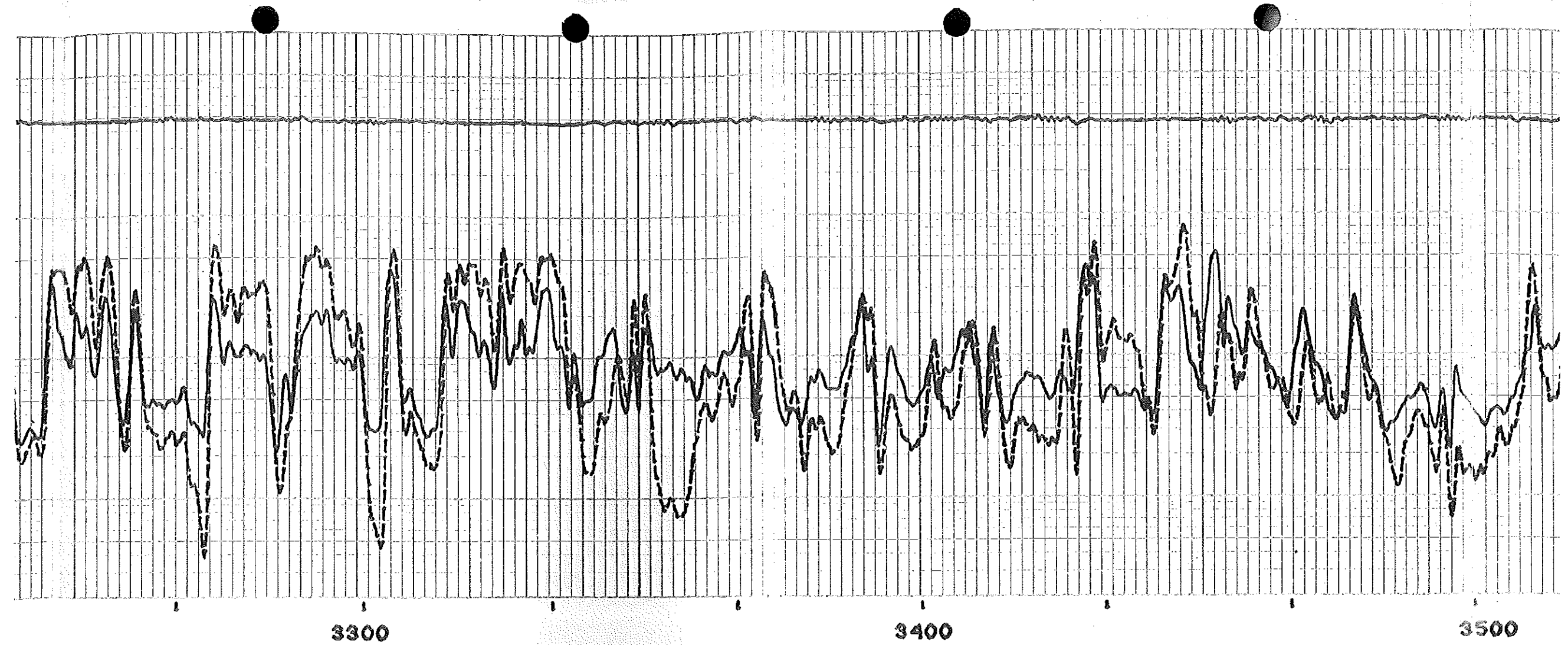
2100

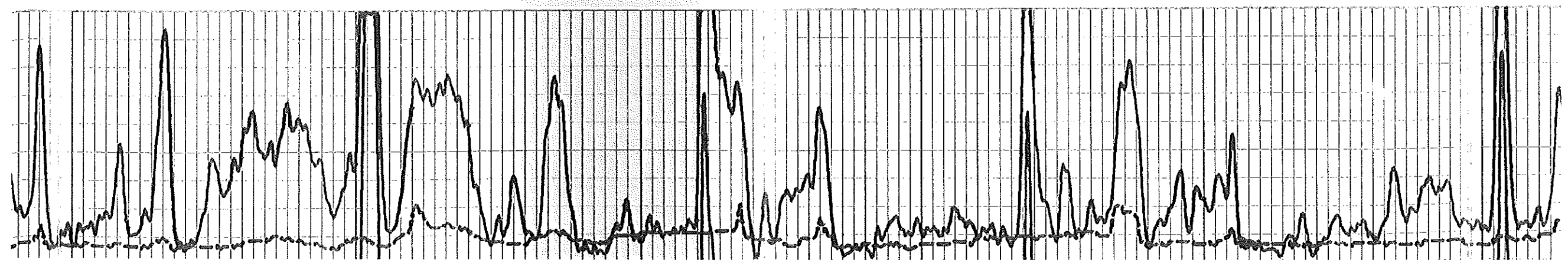
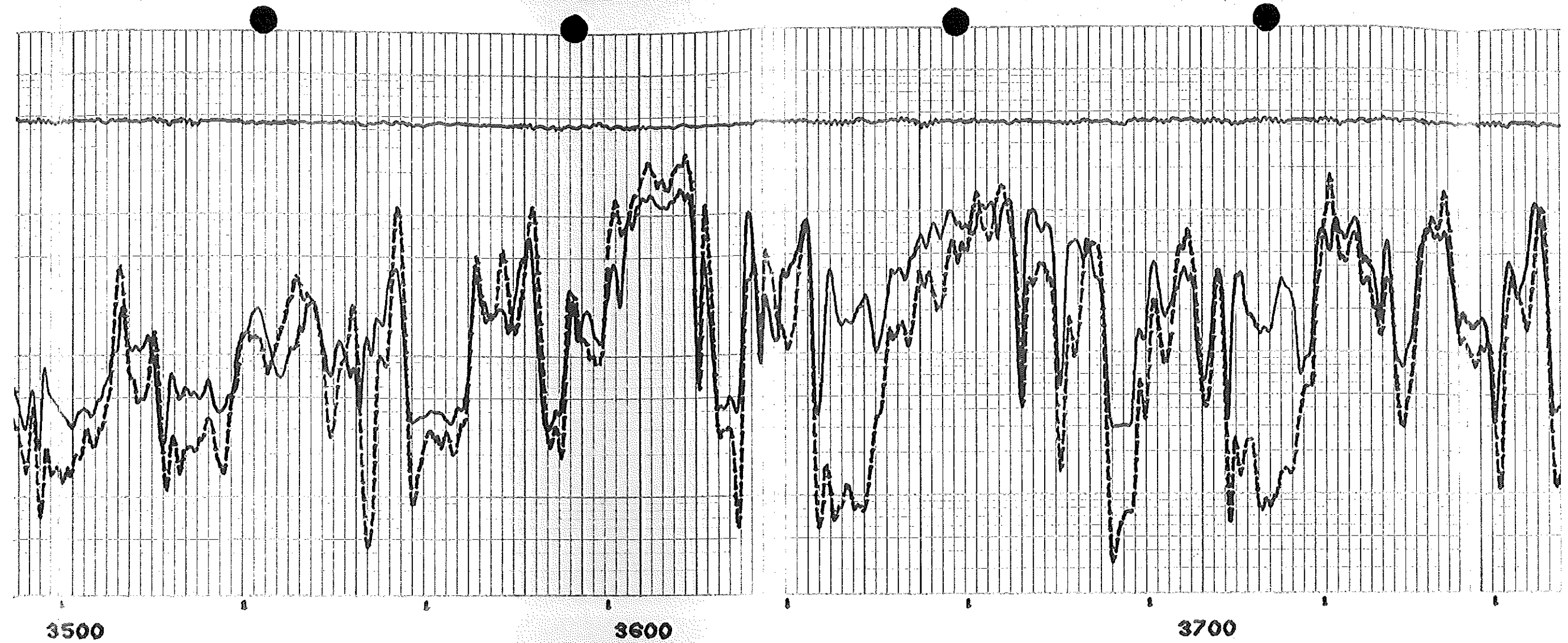
GUARD RESISTIVITY
OHM-M

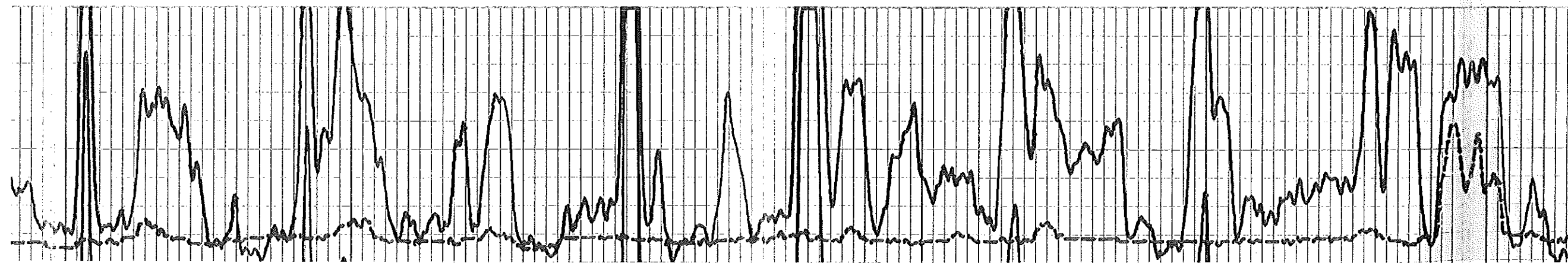
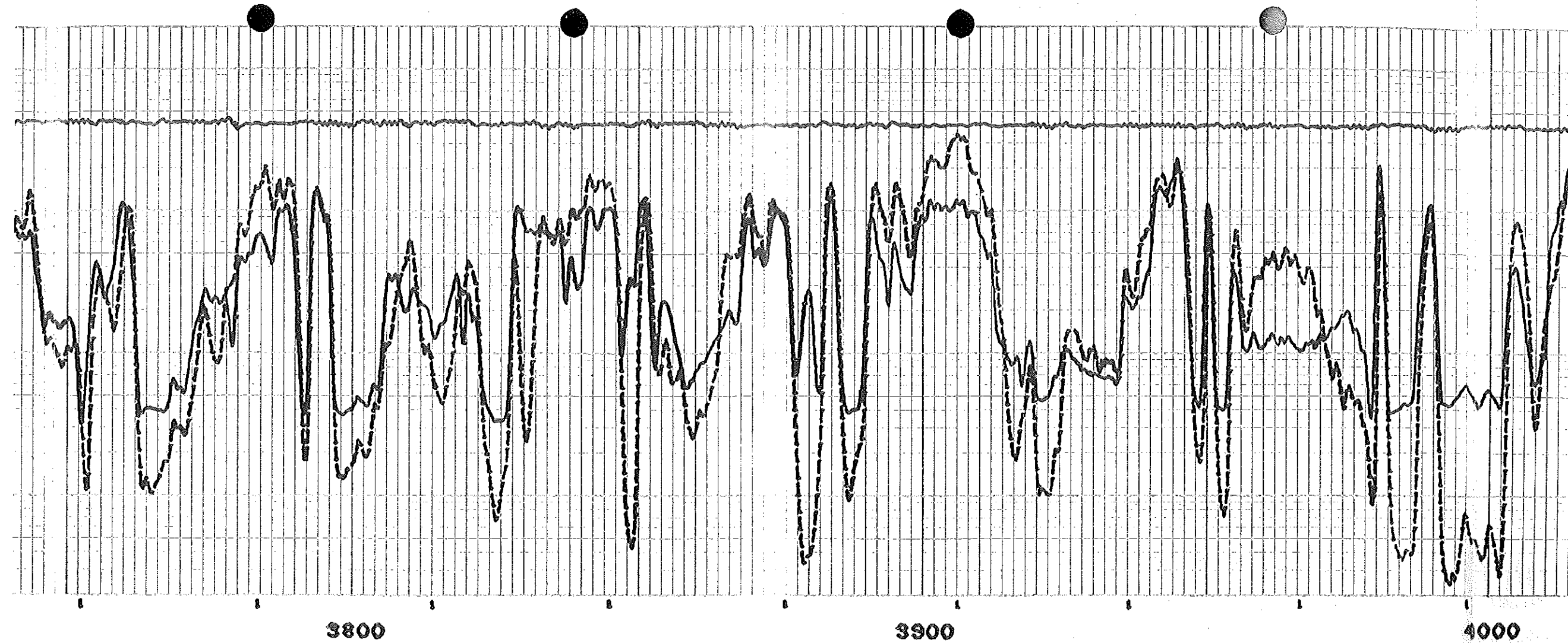
2000.0

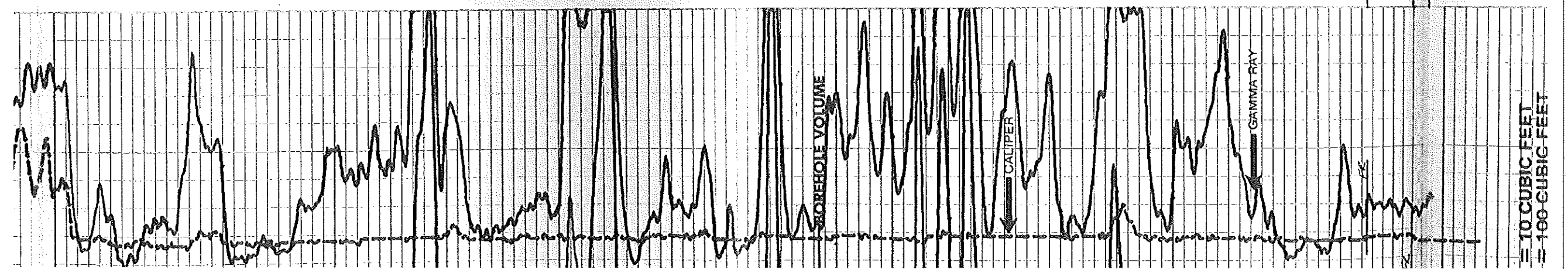
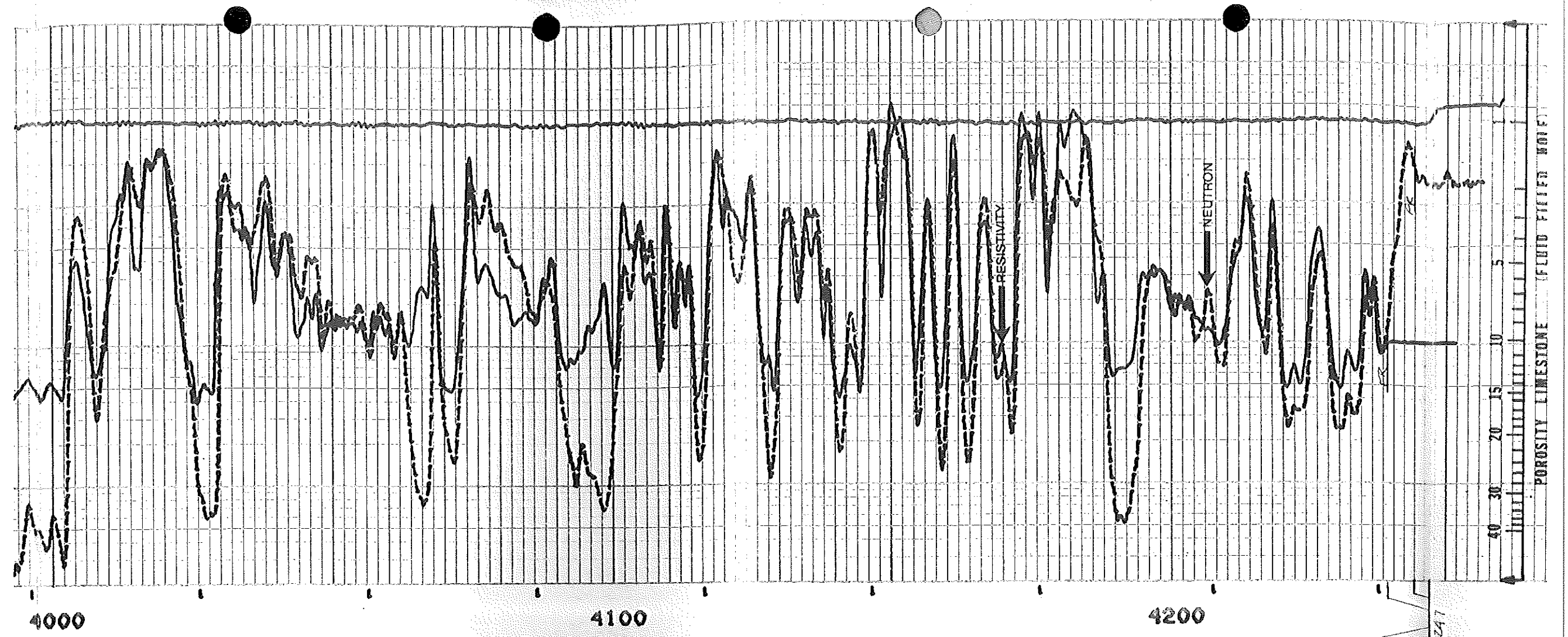


3200





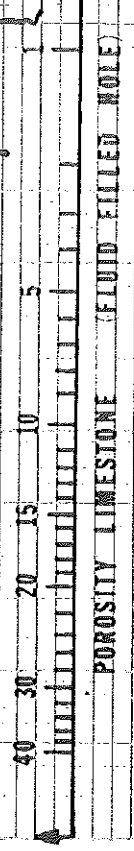




= 10 CUBIC FEET
= 100 CUBIC FEET

4247

= 10 CUBIC FEET
= 100 CUBIC FEET



POROSITY LIMESTONE (FLUID FILLED NOLE)

4300

SONDE CALIBRATIONS

LUT 1 / 1
GR 200 / 336
SENP 1085 / 1800
RSTY 1.0 / 1.0 4.5

REPEAT SECTION

GAMMA RAY
API UNITS

180
900

CALIPER
INCHES

10

LINE WEIGHT
POUNDS

4300
2500

NEUTRON
API UNITS

260

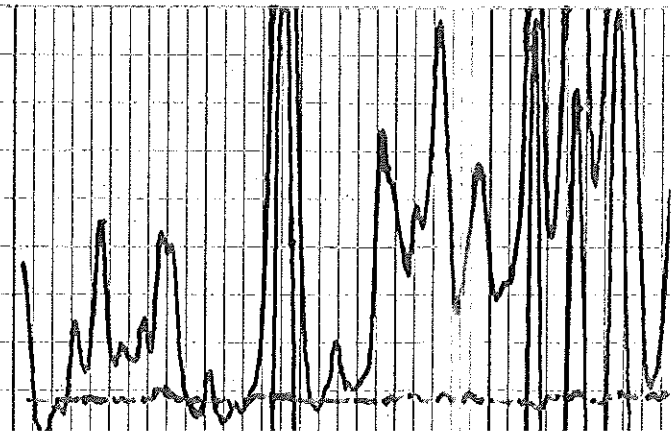
2150

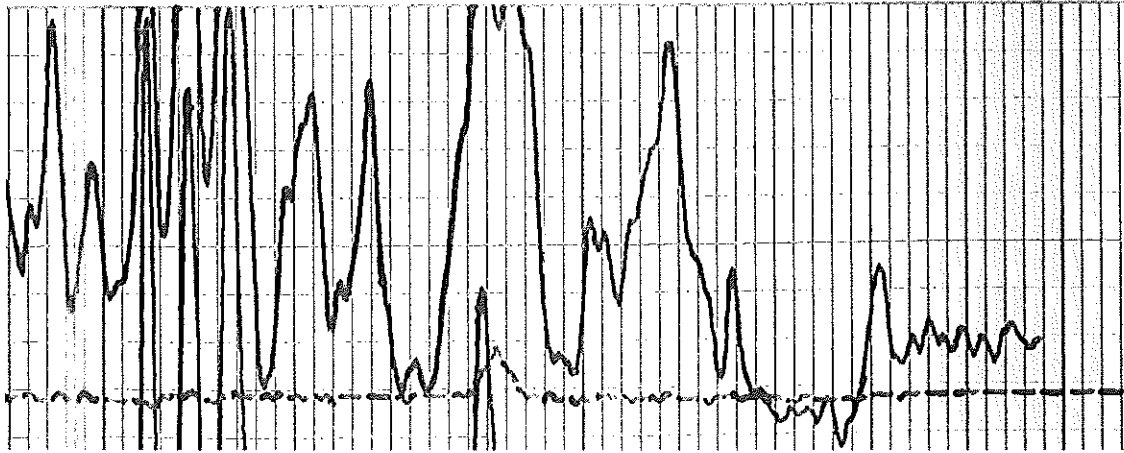
GUARD RESISTIVITY
OHM-IN

1.2

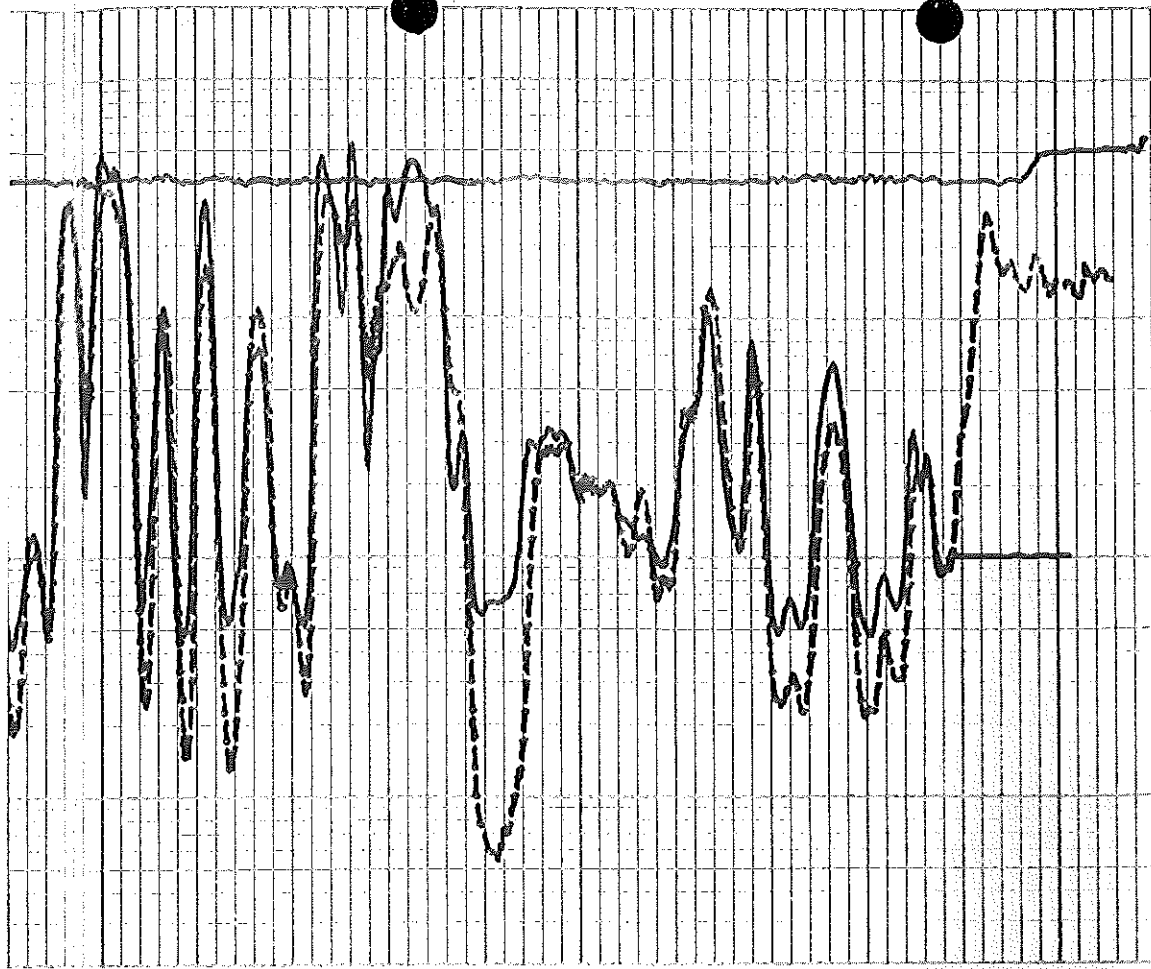
2000.9

4100





4200



4300

SONDE CALIBRATIONS
LUT 1 /
GR 200 / 336
SEMP 1085 / 1800
RSTY 1.0 / 1.0 +.5

GAMMA RAY A.P.I. UNITS	RESISTIVITY
150	NEUTRON
300	
50	
CALIPER (INCHES)	
10"	

COMPANY CHIEF DRILLING CO. INC.
WELL COSELY #D-1

DRILLER T.D. 4250
GREAT GUNS T.D. 4247
GREAT GUNS FR 4243