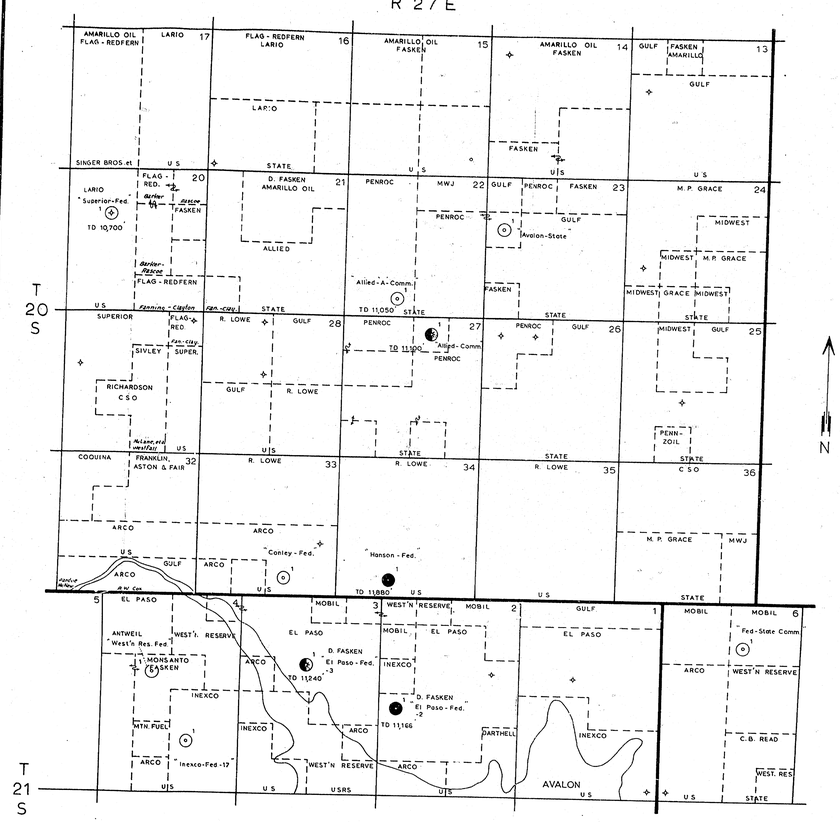
Case No
5242

Large Exhibits

V.S.W.C.F. MICROGRAPHICS

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LEGEND

- Shallow Wells - Less Than Wolfcamp Depth
- Drilled To Wolfcamp Or Deeper
- Drilling To Wolfcamp Or Deeper
- Completed Producer In Wolfcamp
- Completed Producer In Canyon
- Completed Producer In Strawn
- Completed Producer In Morrow

Scale: 3" = 1 Mile

NORTH AVALON AREA

Eddy County, New Mexico

PENROC OIL CORPORATION
MIDLAND, TEXAS

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Penroc EXHIBIT NO. 1
CASE NO. 6292
Submitted by Talbot
Hearing Date 22 May 74

V.R.M.C.F. MICROGRAPHICS
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Welex

COMPENSATED DENSITY LOG

COMPANY PENROC OIL CORPORATION

WELL ALLIED - COMM # 1

FIELD WILDCAT

COUNTY EDDY STATE NEW MEXICO

Location: C 'O' FSL & 1980' FEL

Other Services: Guard

Sec. 27 Twp. 20-S Rge. 27-E

Permanent Datum: Ground Level Elev. 3339'

Log Measured from: K. B. = 15 ft. Above Perm. Datum

Drilling Measured from: Kelly Bushing

Date	3/12/74	
Run No.	- One -	
Type Log	Density	
Depth-Driller	11,100	
Depth-Logger	11,103	
Bottom Logged Interval	11,102	
Top Logged Interval	2,300	
Type Fluid in Hole	SALT WATER	
Salinity, PPM Cl		
Density / Viscosity	10.0#/sk	
Max. rec. temp. deg. F	160° F.	
Operating Rig Time		
Recorded By	G.A. Harris	
Witnessed by	Mr. Ryan	

STRICTLY CONFIDENTIAL

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 6328
Submitted by: A.d. Poley
Hearing Date: 8-22-74

RUN No.	BIT	BORE-HOLE RECORD From	To	CASING RECORD Size	Wgt.	From	To
One				8-5/8		0	2,300'
		7-7/8"	2,300'	11,100'			

Fold Here

Equipment Data
Natural Gamma: Det. No. 1854-A; Det. Model No. 54-GNA; Detector Serial No. 2218; Detector's Source
Gamma Density: Det. No. 1854-A; Det. Model No. 54-GDA; Detector Serial No. 4830; Source Strength 10 MC; Source Serial No. 137 Cs 300 MC
Recorded Data: Sensitivity Setting; Time Const. Sec.; API GA Units per Log Div.; Depths
Logging Data: Speed Ft./Hr.; Time Const. Sec.; API GA Units per Log Div.; Depths
Density: Sens. Setting; Time Const. Sec.; API GA Units per Log Div.; API Units per Log Div. of 2.5 g/cc
Run No.; From; To
Reference Elevations:

Service Ticket No. 092864 Recorded 11,102' - 10,000' DC = 2.65
10,000' - 9,000' DC = 2.71
9,000' - 2,300' DC = 2.65

Fold Here

Welex makes no guarantee as to the accuracy of any information or the data or physical sub-assemblies, or recommendations which may be furnished by Welex in connection with this log, and Welex shall not be liable or responsible for any loss, damage, or expense arising from the use thereof.

Gold Plate

BULK DENSITY Grams/cc (when $\frac{M}{A}$ =0.5): 2.0 – 2.5 – 3.0

POROSITY (%) ϕ_B = 2.71 / 2.65: 35 – 25 – 15

CORRECTION (gram/cc): -0.4 – 0.2 – 0.4

GAMMA API Units in Hole Diameter: 0 – 100 – 200

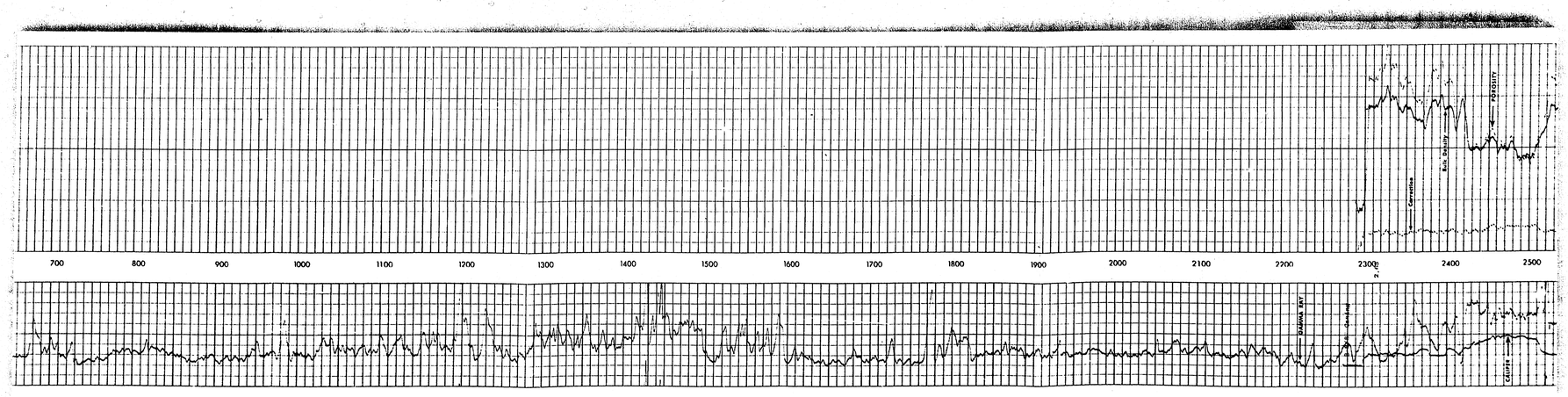
CALIPER Average Diameter In.: 6" – 16"

2" - 100'

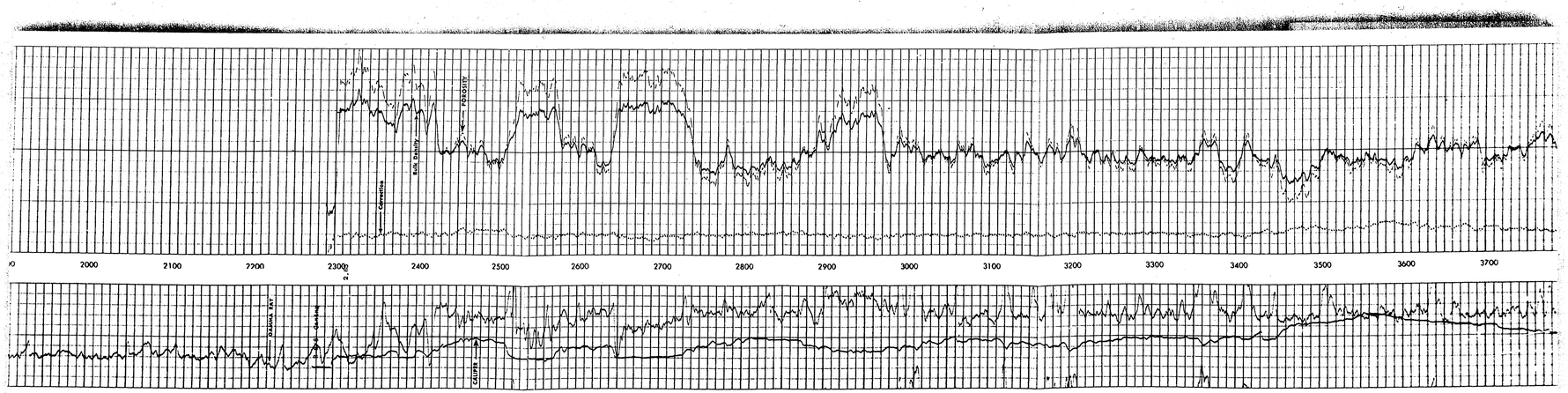
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V.T.R.C.F. HICKOGRAPHICS

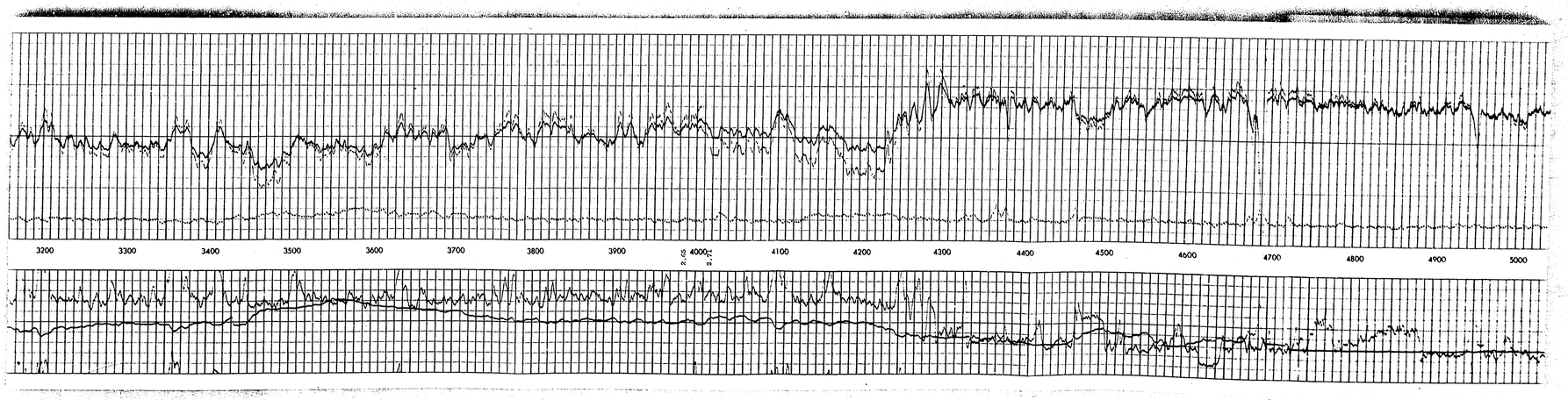
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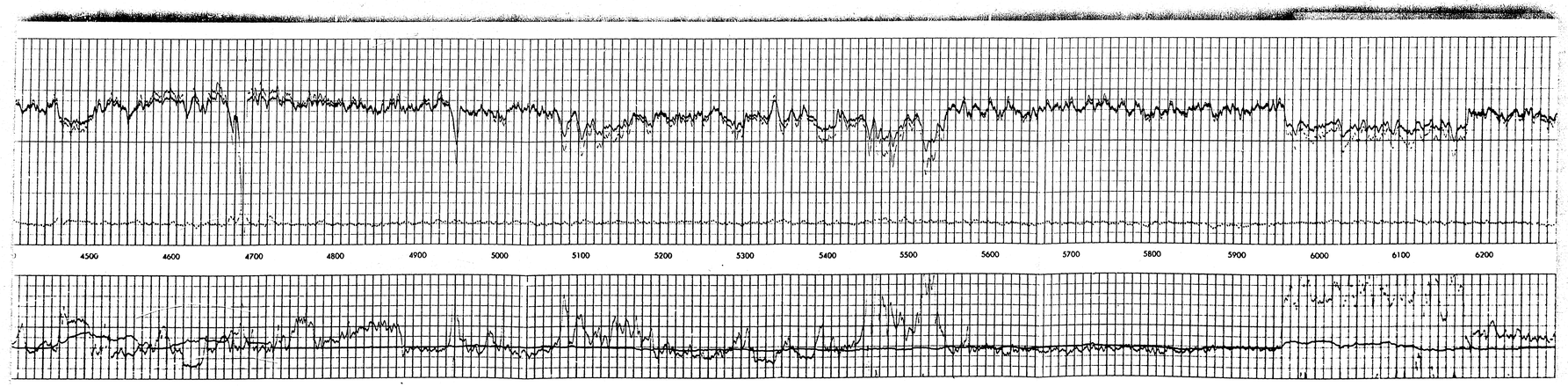
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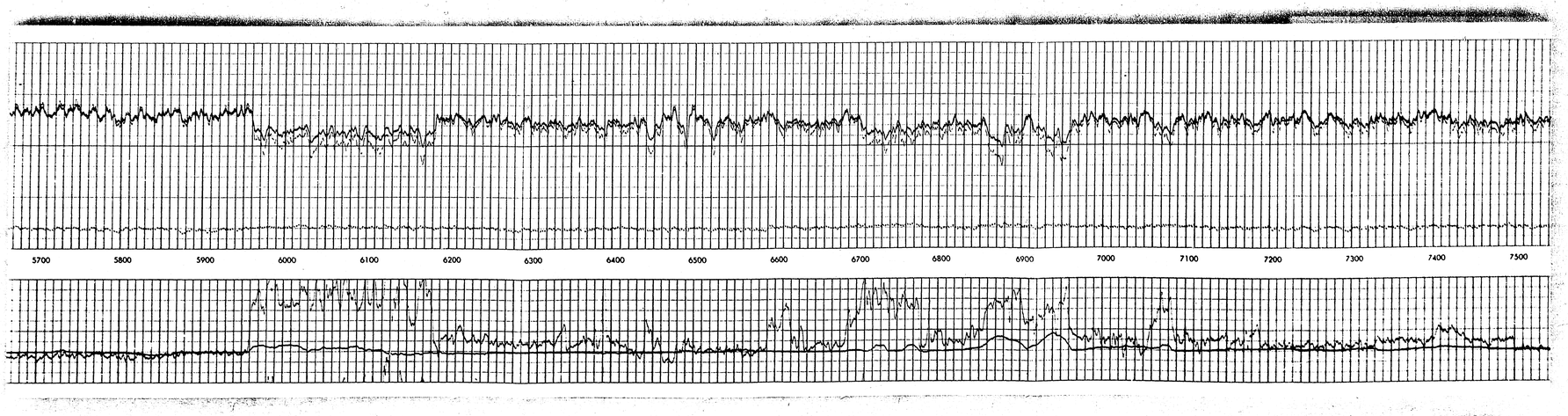
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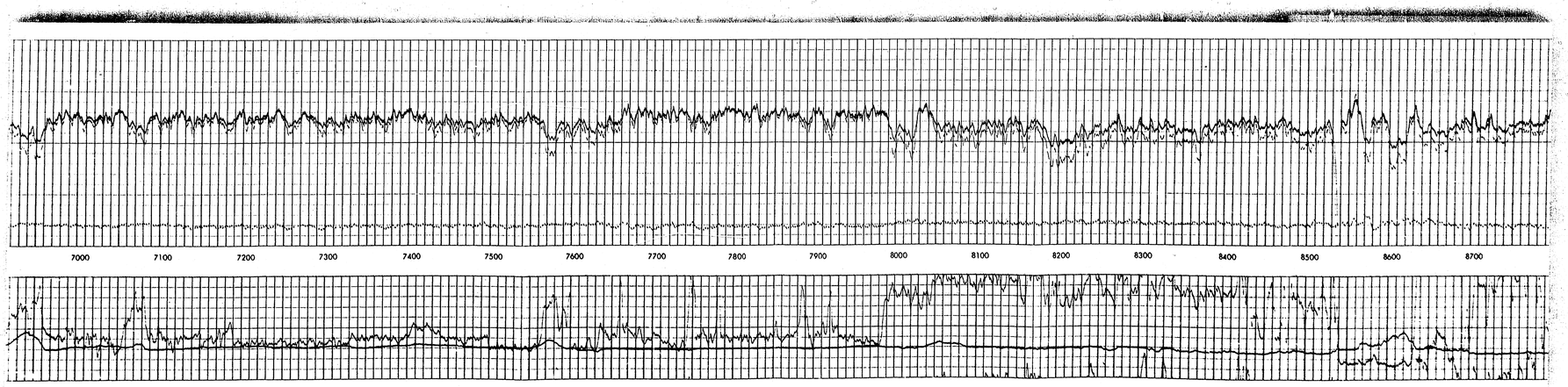
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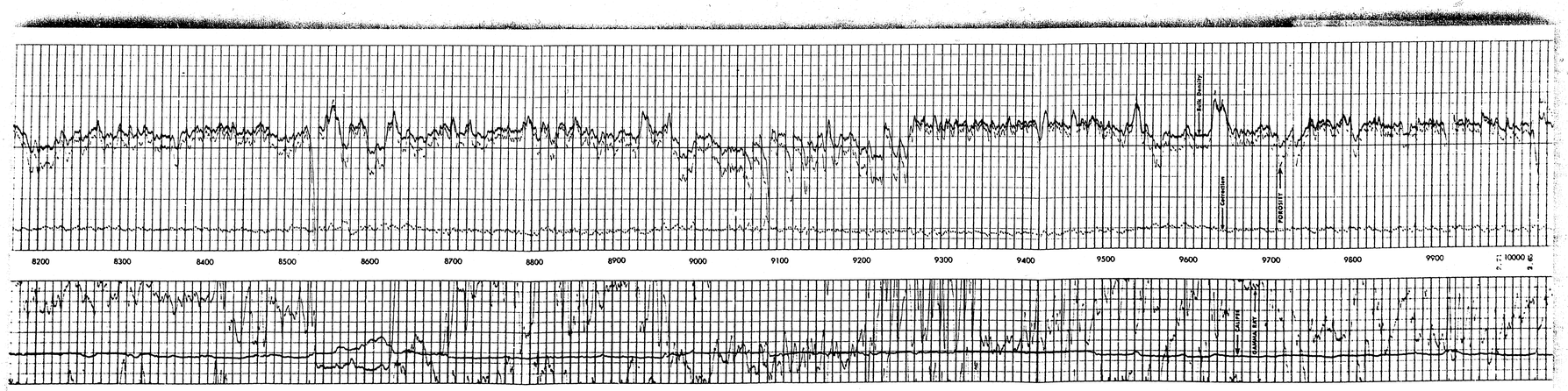
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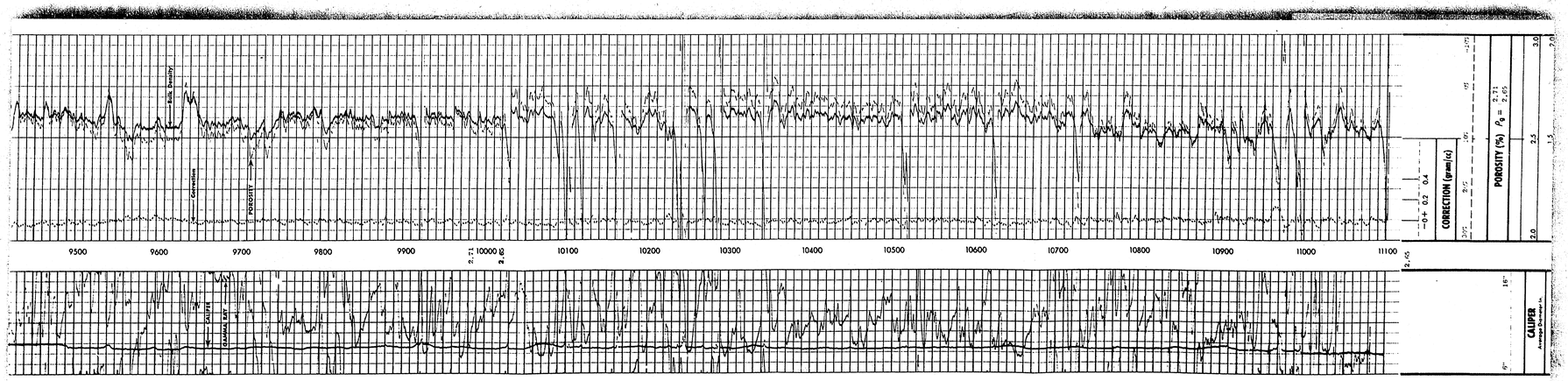
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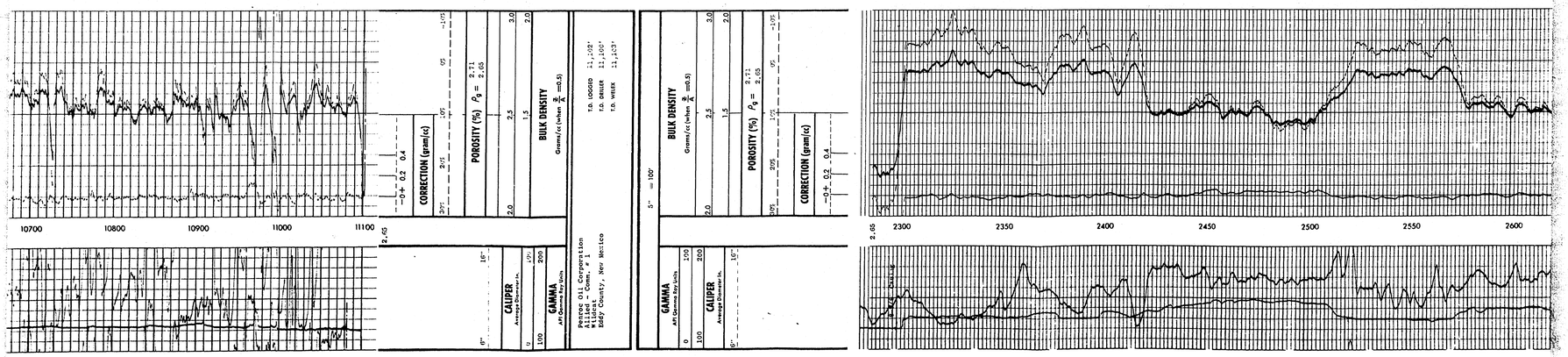


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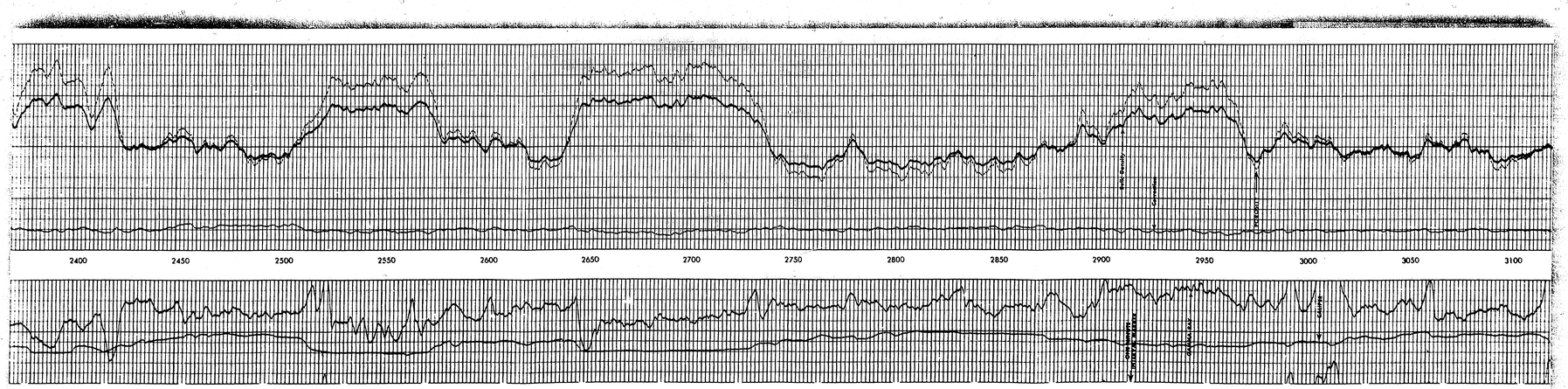


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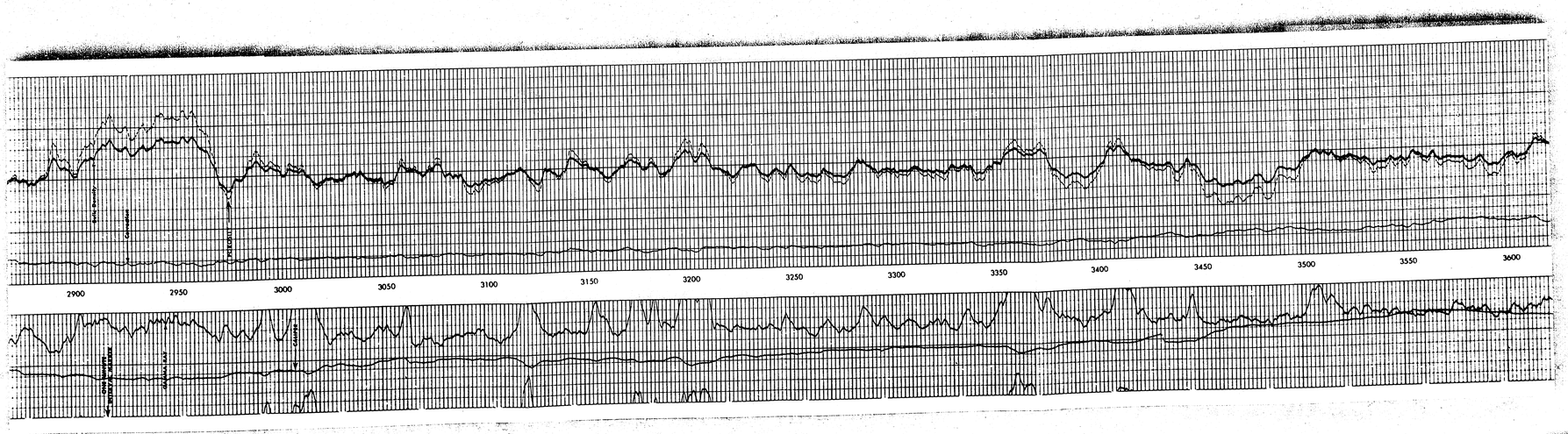
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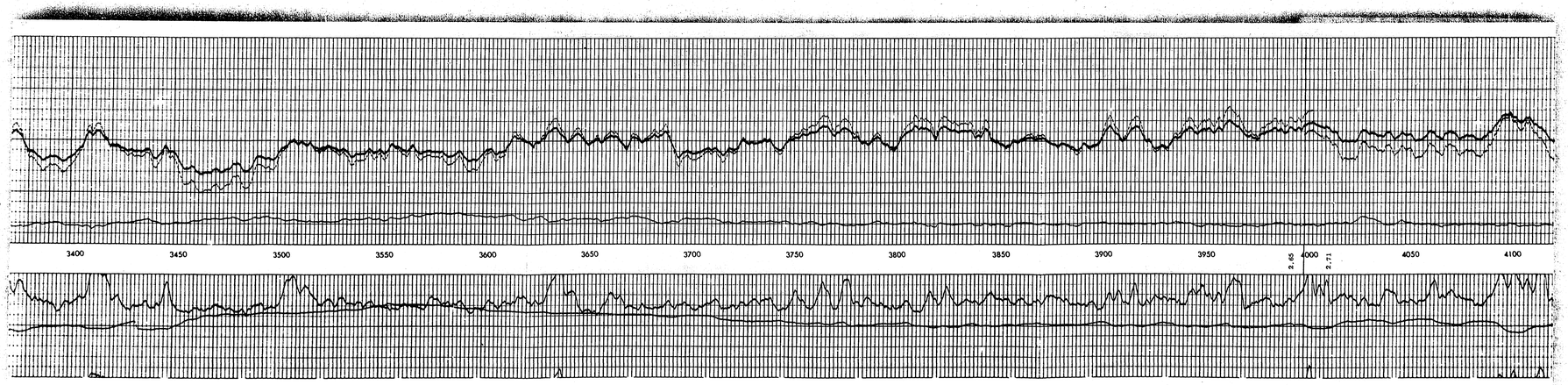
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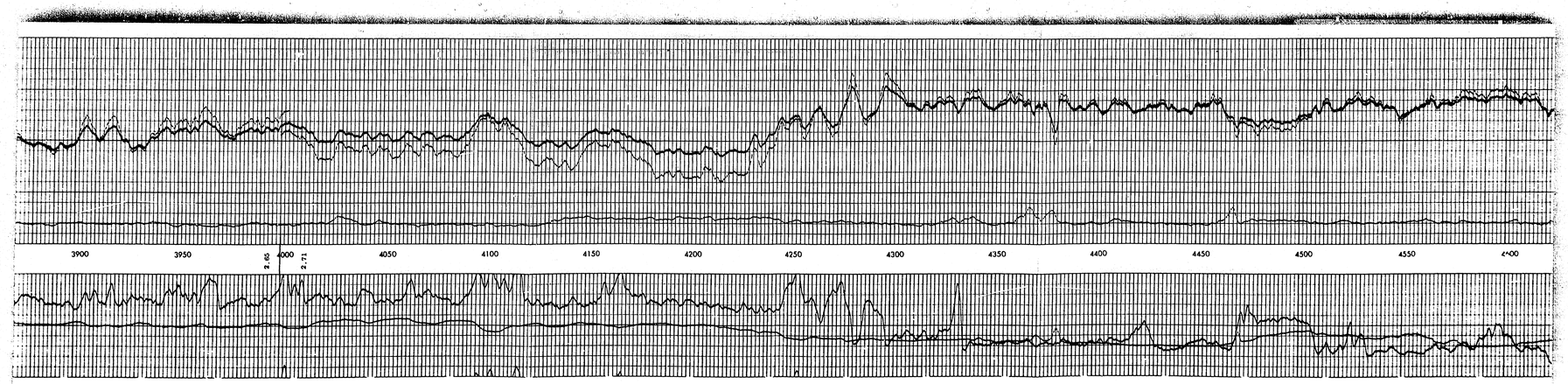
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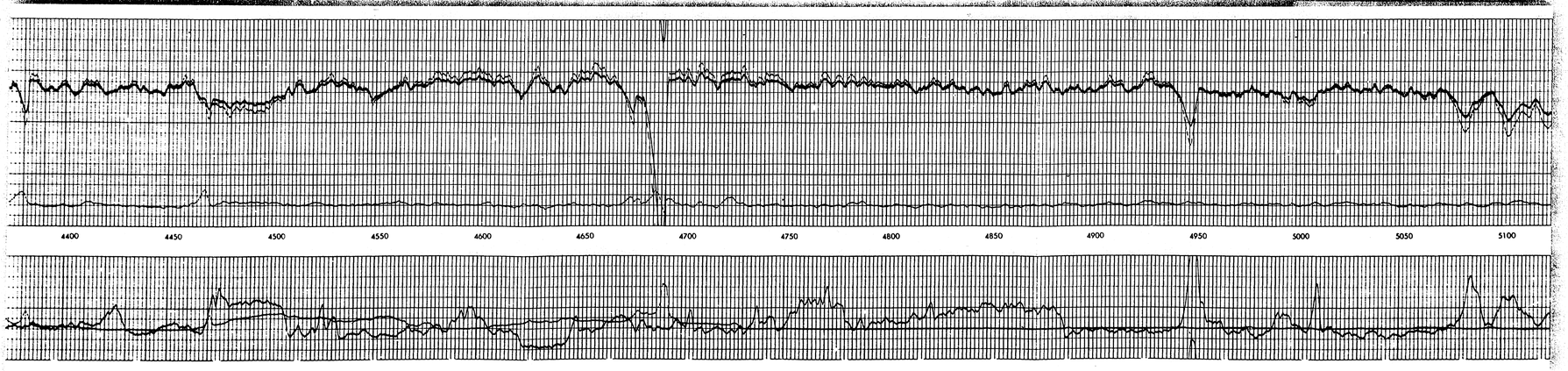
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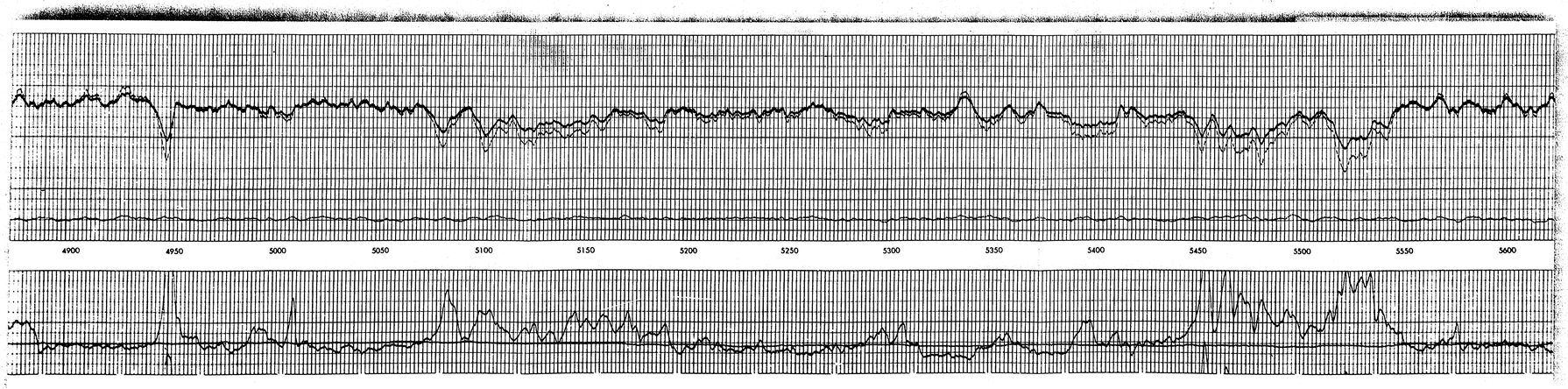
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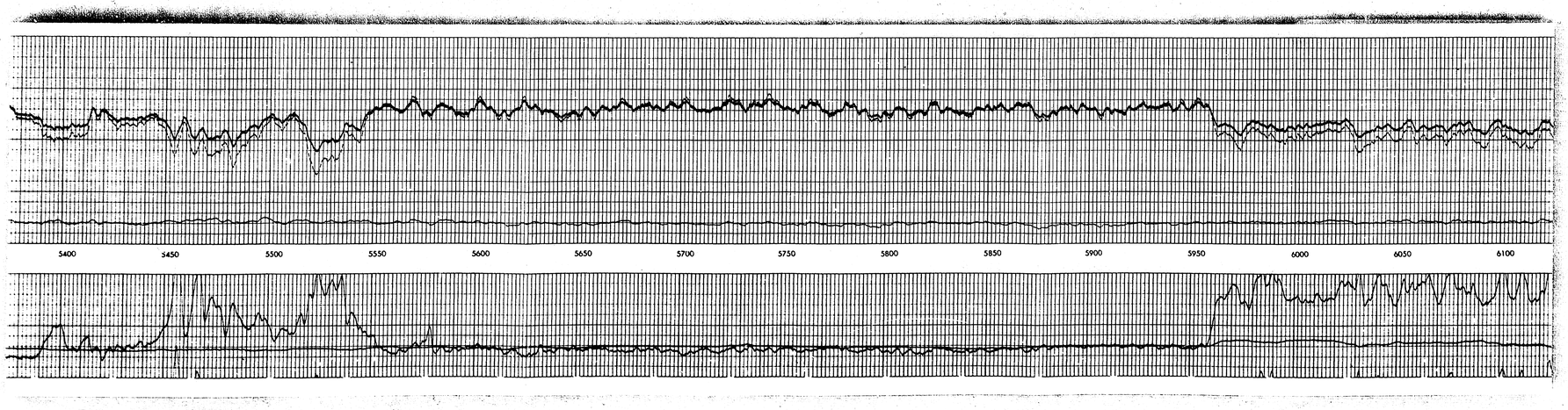
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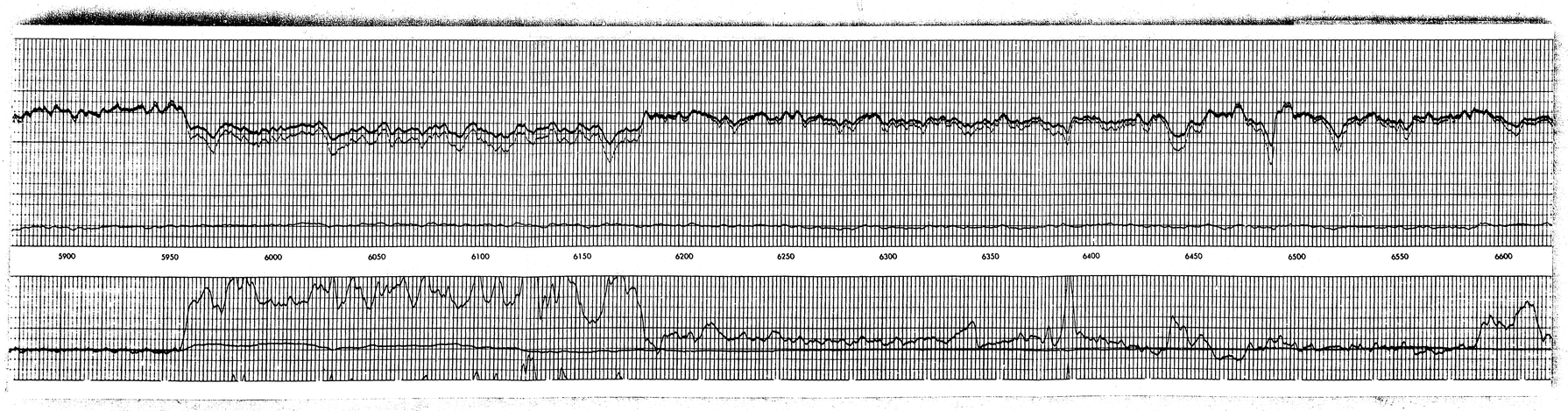
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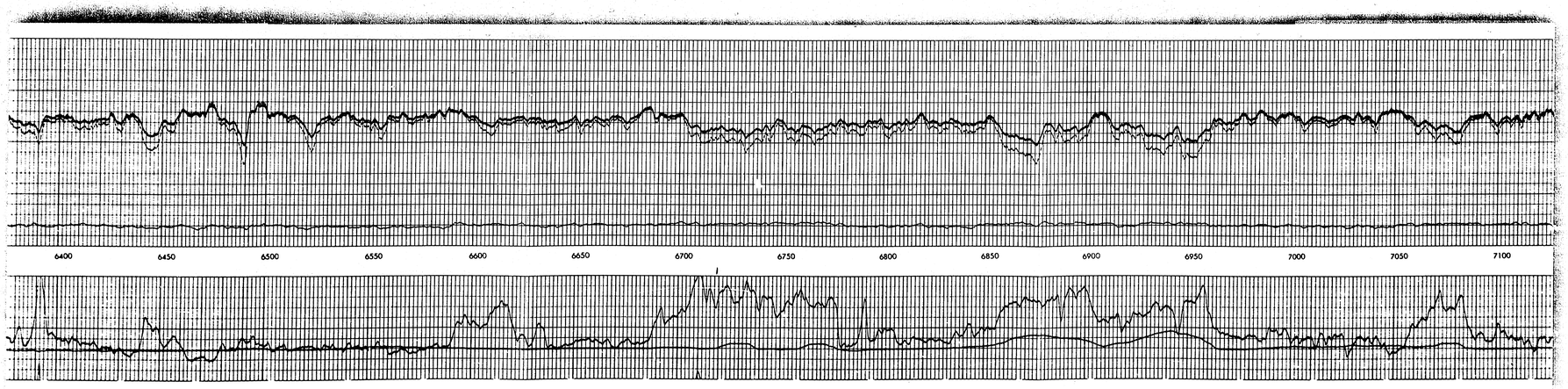
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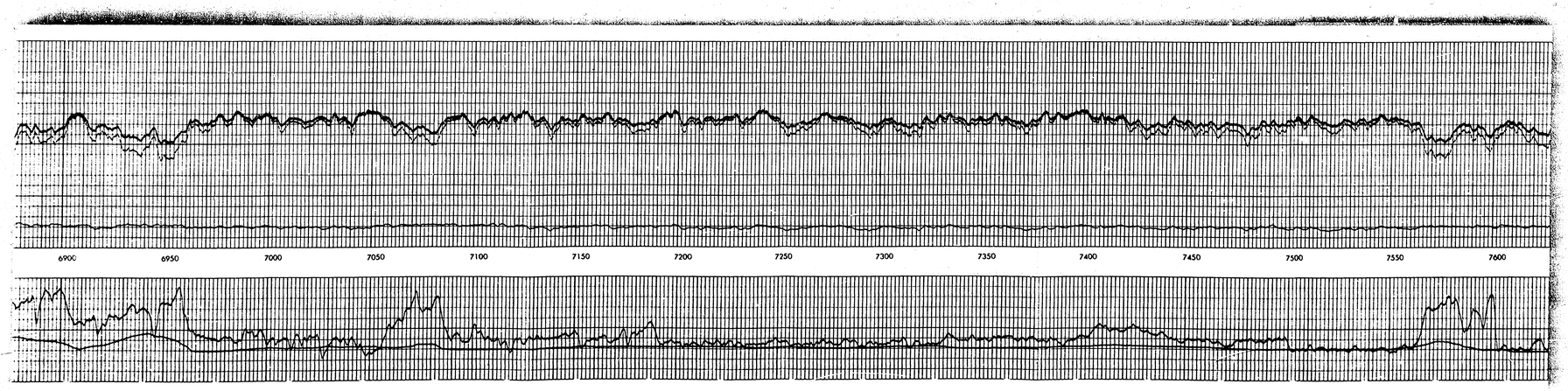
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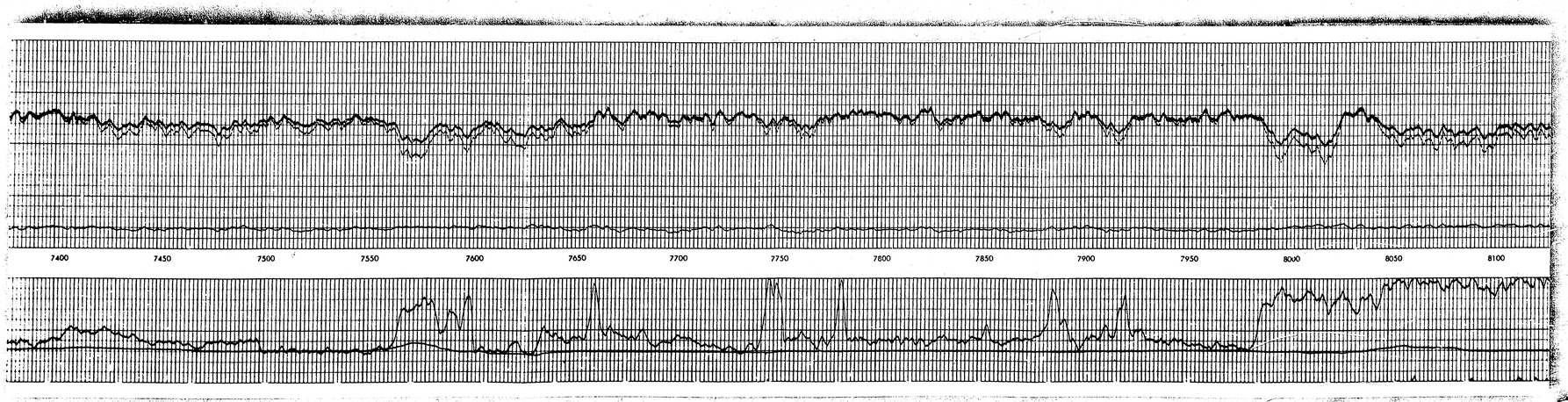


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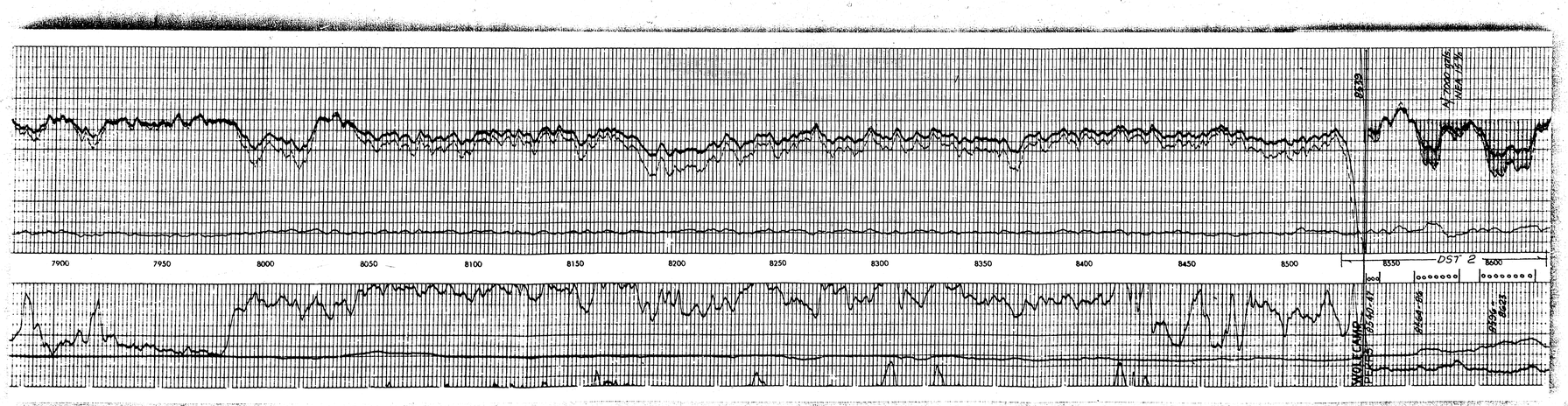


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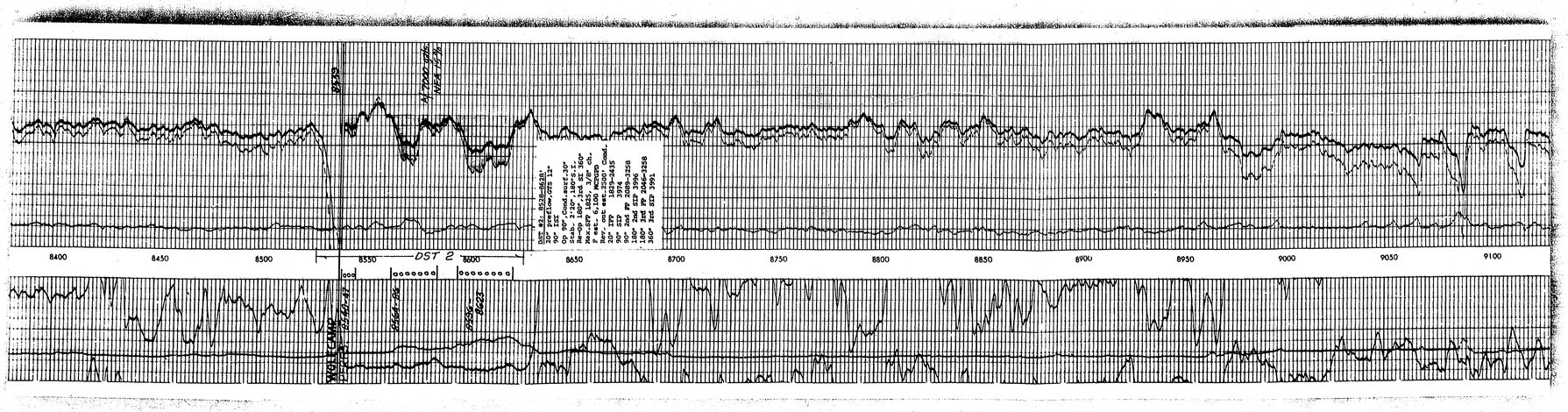
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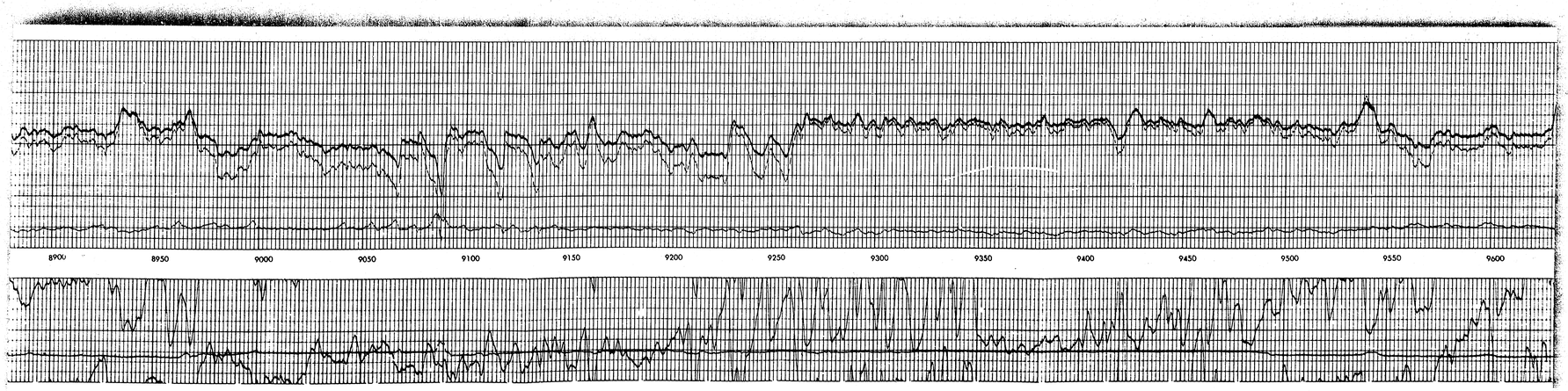
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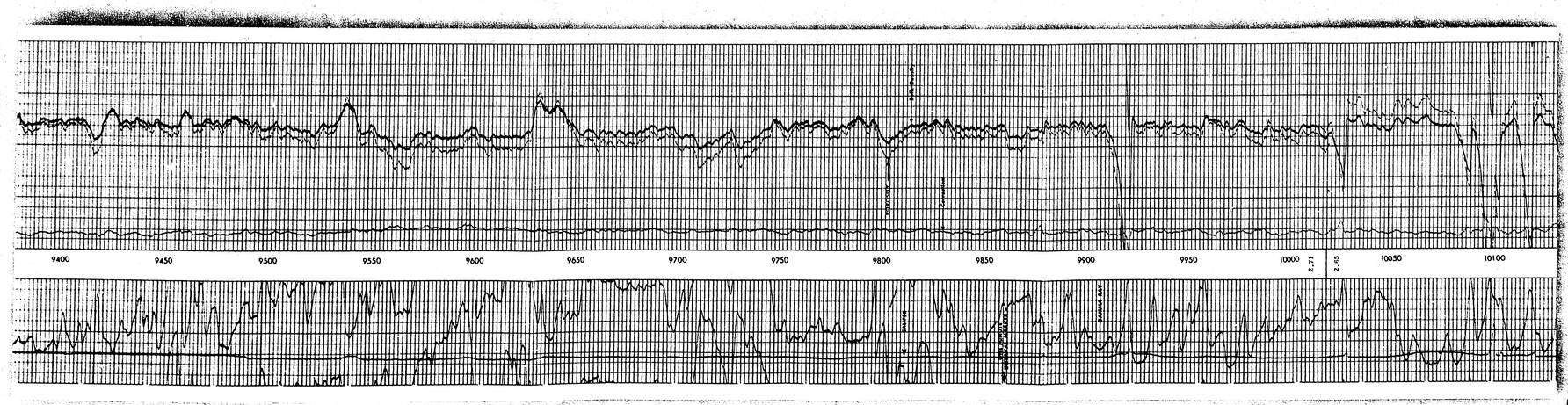
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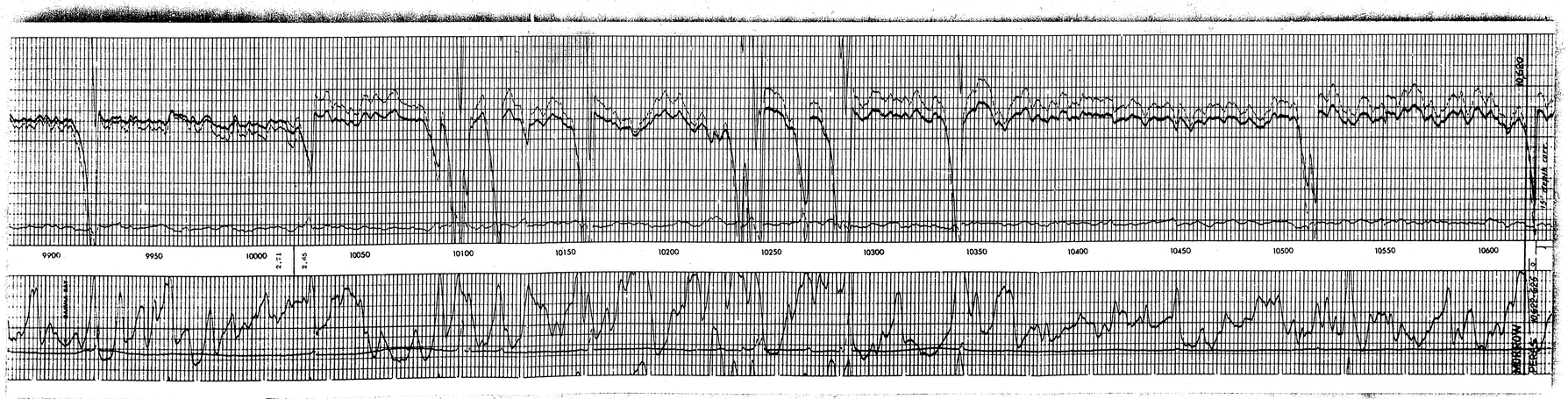
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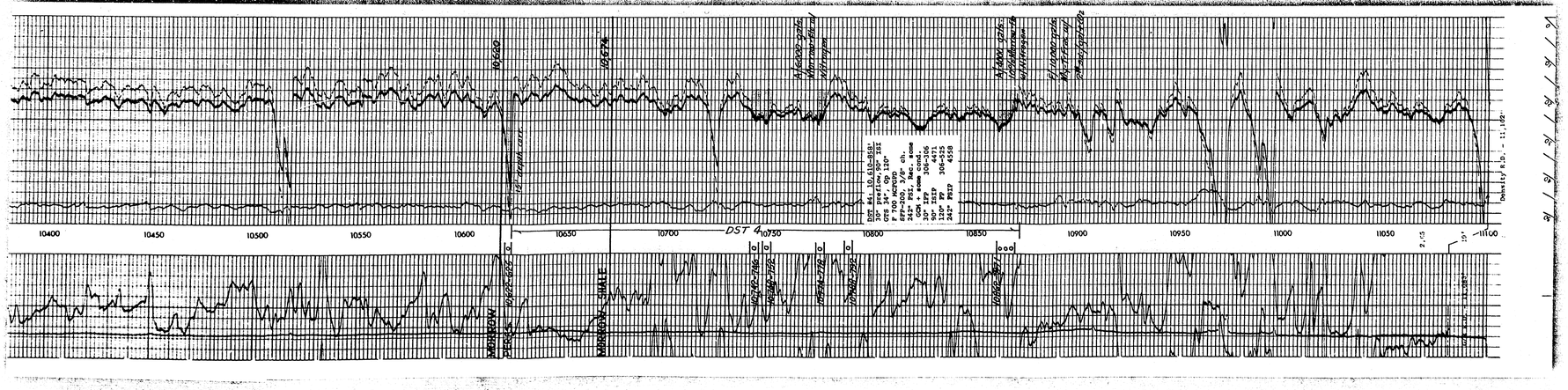

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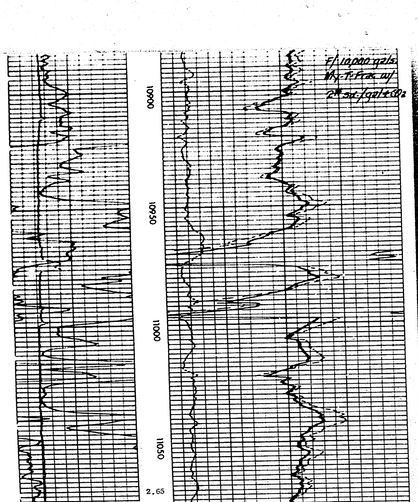
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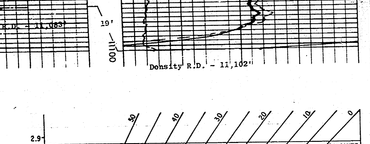


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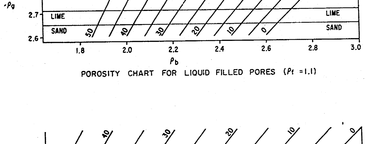


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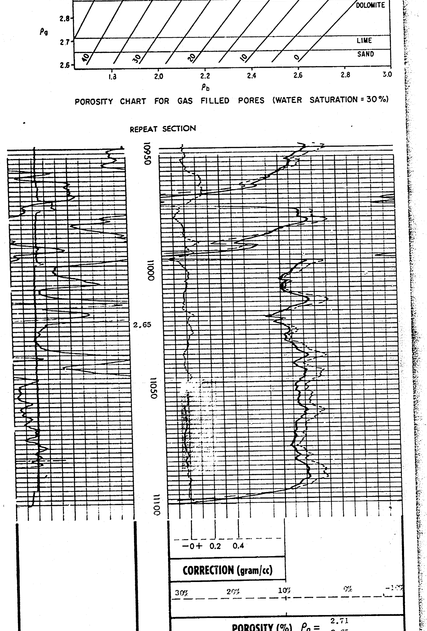


POROSITY CHART FOR LIQUID FILLED PORES (P_f =1.1)



POROSITY CHART FOR GAS FILLED PORES (WATER SATURATION = 30%)

REPEAT SECTION



Penroc Oil Corporation
Allied - Comm. # 1
Wildcat
Eddy County, New Mexico

T.D. LOGGED 11,102'
T.D. DRILLER 11,100'
T.D. WELEX 11,103'

