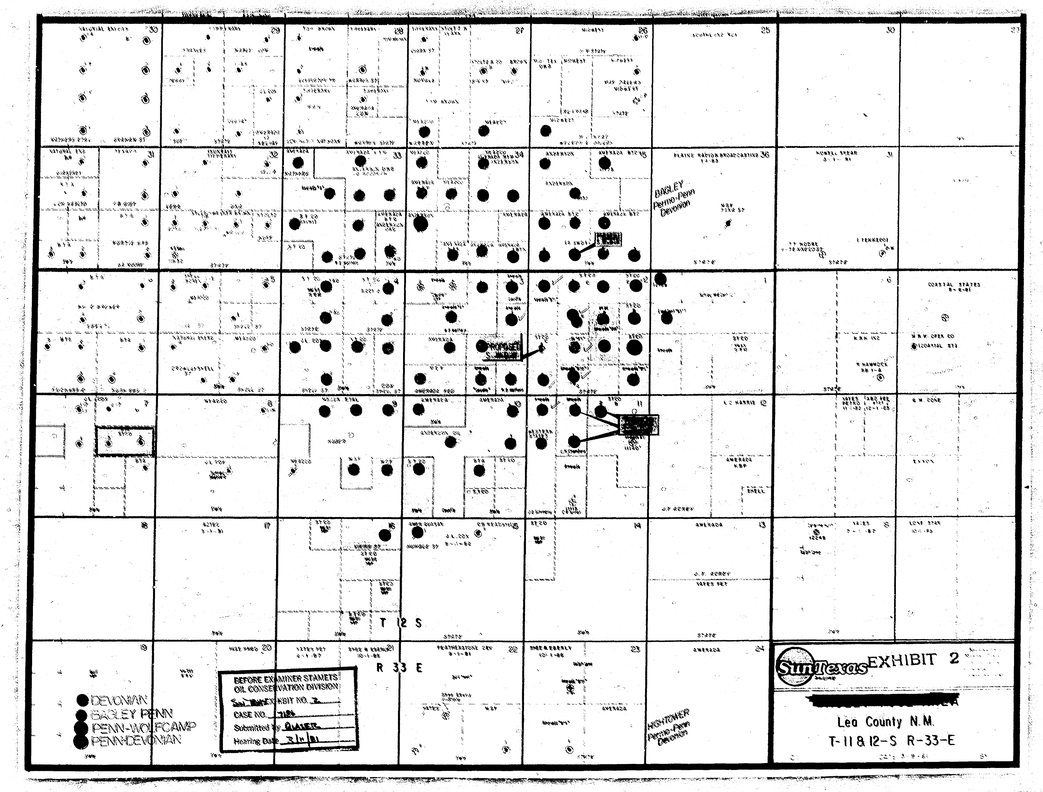
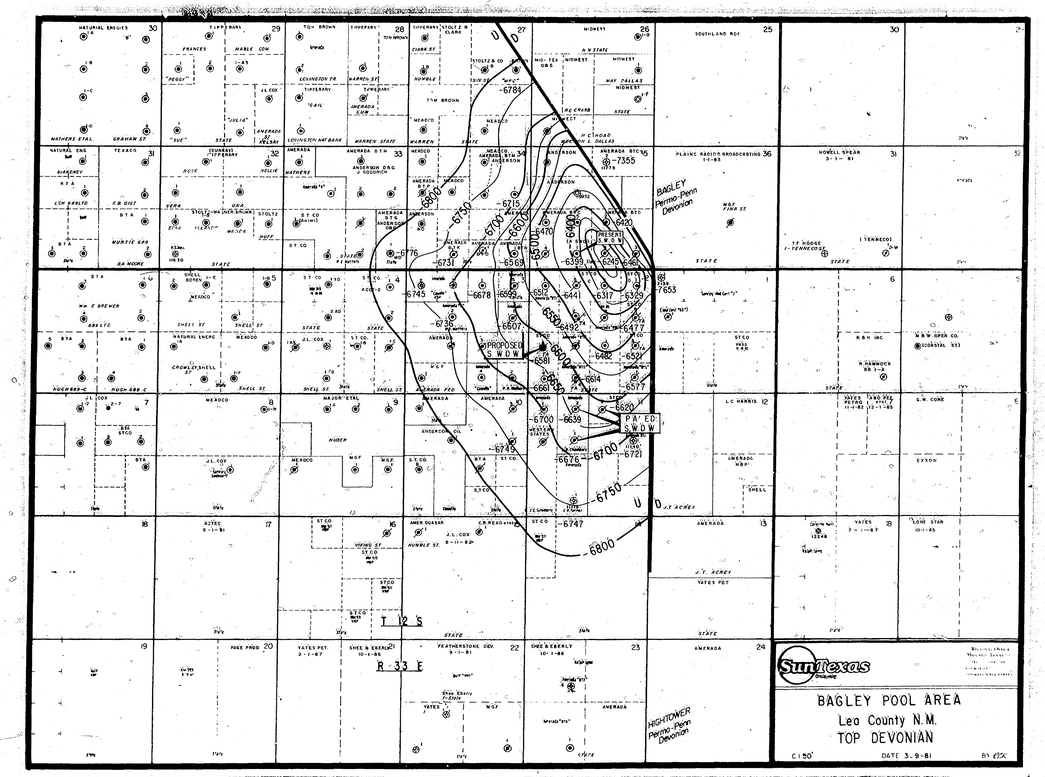
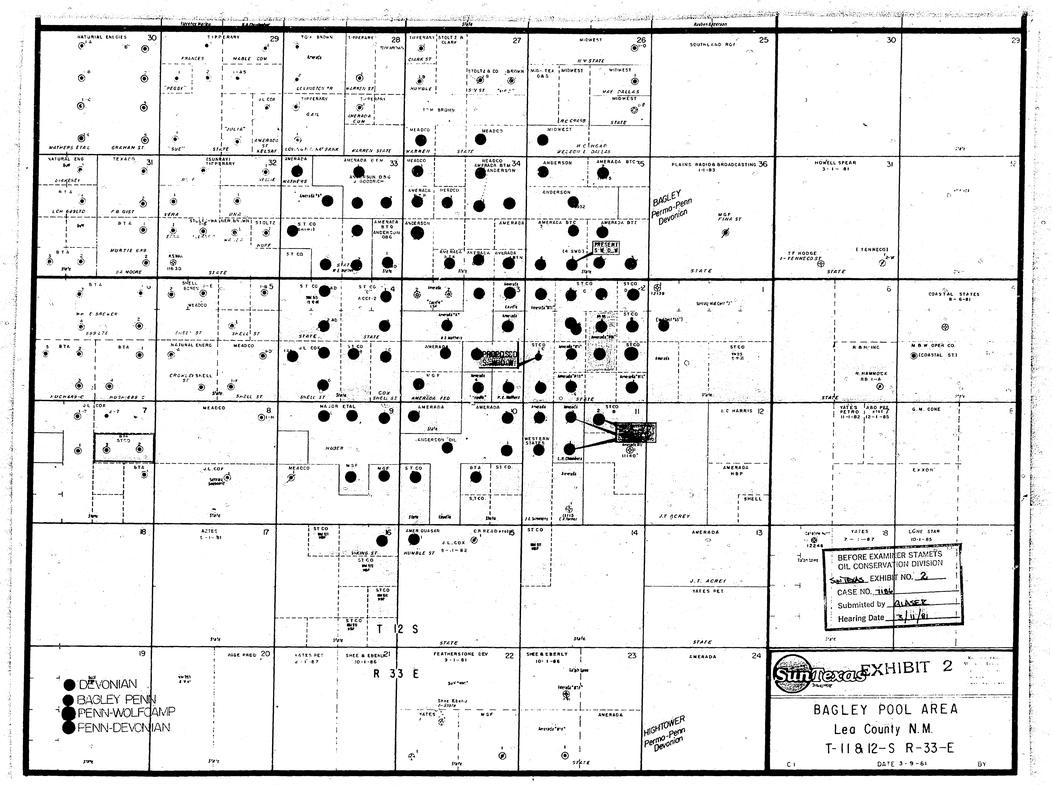
Case No
7186

Large Exhibits


BAGLEY Permo-Penn Devonian
T 12 S
R 33 E
DEVONIAN
BAGLEY PENN
PENN-WOLFCAMP
PENN-DEVONIAN
BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 2
CASE NO. 7184
Submitted by Quixes
Hearing Date 3-1-81
EXHIBIT 2
Lea County N.M.
T-11&12-S R-33-E



N.M.O.C.C. MICROGRAPHICS



W.N.M.C.P. MICROGRAPHICS

SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well

2980' fr S/L
660' fr W/L
SEC. 2-12S-33E

Top's Mar
by WLG

COMPANY TEXAS & PACIFIC COAL & OIL COMPANY

WELL TEXAS PACIFIC OIL COMPANY STATE "M" A/c-1

FIELD HALEY

LOCATION SEC. 2-12S-33E

COUNTY LEA

STATE NEW MEXICO

FILING No.

Elevation D.F. 4254'
R.B.
or G.L.

RUN NO.	1					
Date	7-31-50					
First Reading	11072-11022					
Last Reading	3097- 0					
Footage Measured	7975-11022					
Csg Shoe Schlum	3097					
Csg Shoe Driller	3095					
Max. Depth Reached	11025					
Bottom Driller	11036					
Depth Datum	1'abv.RT or 13'abv.GL					
Mod Nature	Zeogel					
- Density	10					
- Viscosity	43					
- Resistivity	.08 @ 82 °F	@ °F	@ °F	@ °F	@ °F	@ °F
- Resistivity Bmf	.062 @155 °F	@ °F	@ °F	@ °F	@ °F	@ °F
- pH	@ °F	@ °F	@ °F	@ °F	@ °F	@ °F
Water Loss	16 CC 30 Min	CC 30 Min	CC 30 Min	CC 30 Min	CC 30 Min	CC 30 Min
Maximum Temp. °F	155					
Bit Size	8 3/4-10870-6 3/4					
Spacings - AM	10'					
AO	32' 12					
AO	191					
E.S. Rig Time Off	12 hrs.-MD.					
Truck No.	506					
Recorded By	Cargill					
Witnessed By	Dayton					

TEXAS PACIFIC OIL COMPANY
GEOLOGICAL DEPARTMENT

REMARKS

Mud sample from pit.

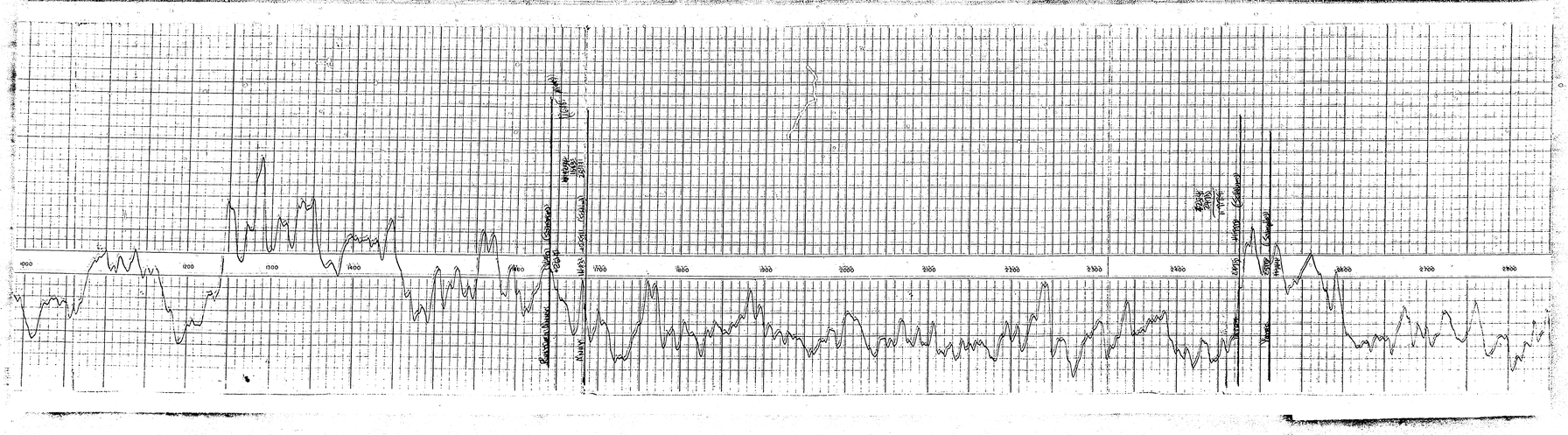
COMPANY TEXAS & PACIFIC COAL & OIL CO.
WELL TEXAS & PACIFIC COAL & OIL CO. "M" A/C-1
LOCATION HALEY
COUNTY LEA

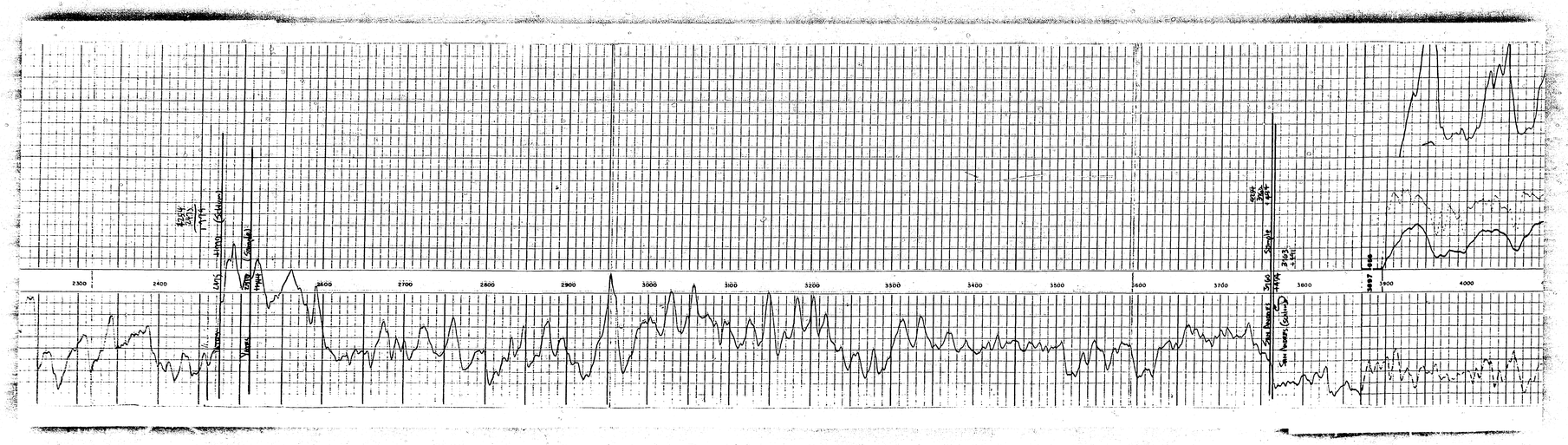
RESISTIVITY ohms, m²/m. — 16" Normal: 0 to 30 — 32" 12 Lateral: 0 to 300 — 13" Lateral: 0 to 200 to 2000

DEPTHS: 0000, 0100, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1000, 1200, 1300, 1400

SPONTANEOUS POTENTIAL millivolts — | — | + — RADIOACTIVITY INCREASES →

V.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY


1000
1200
1300
1400
1700
1800
1900
2000
2100
2200
2300
2400
2600
2700
2800



W.R.N.C.F. MICROGRAPHICS
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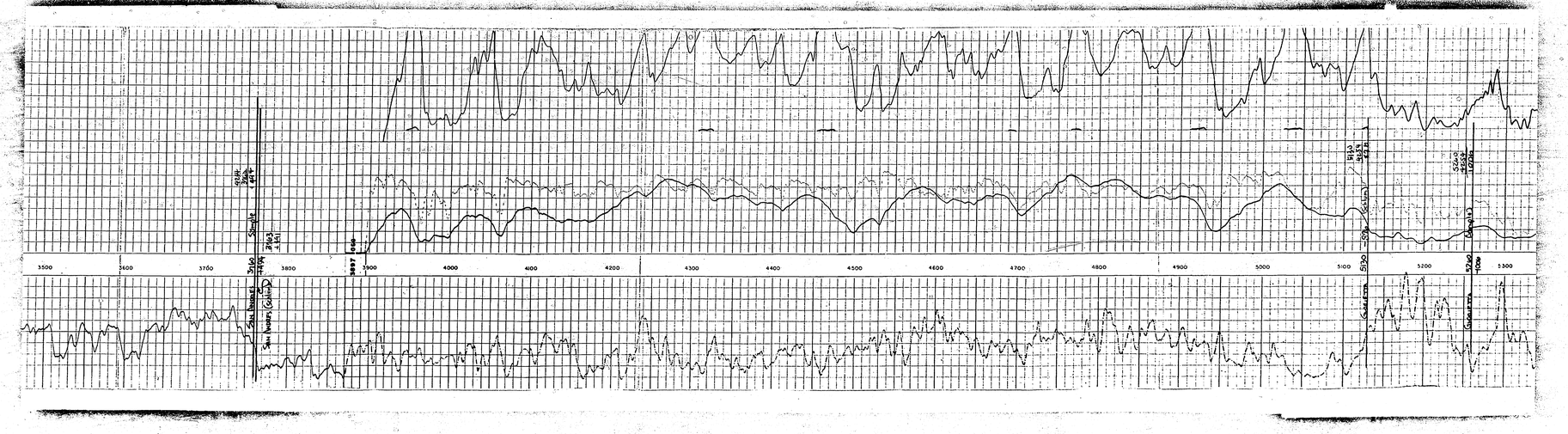
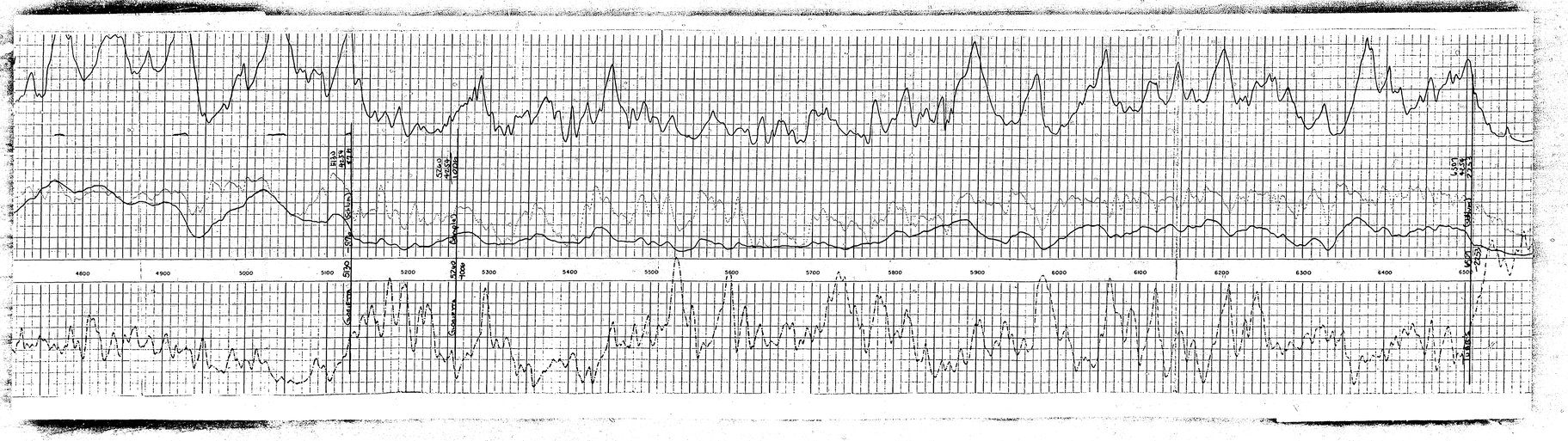
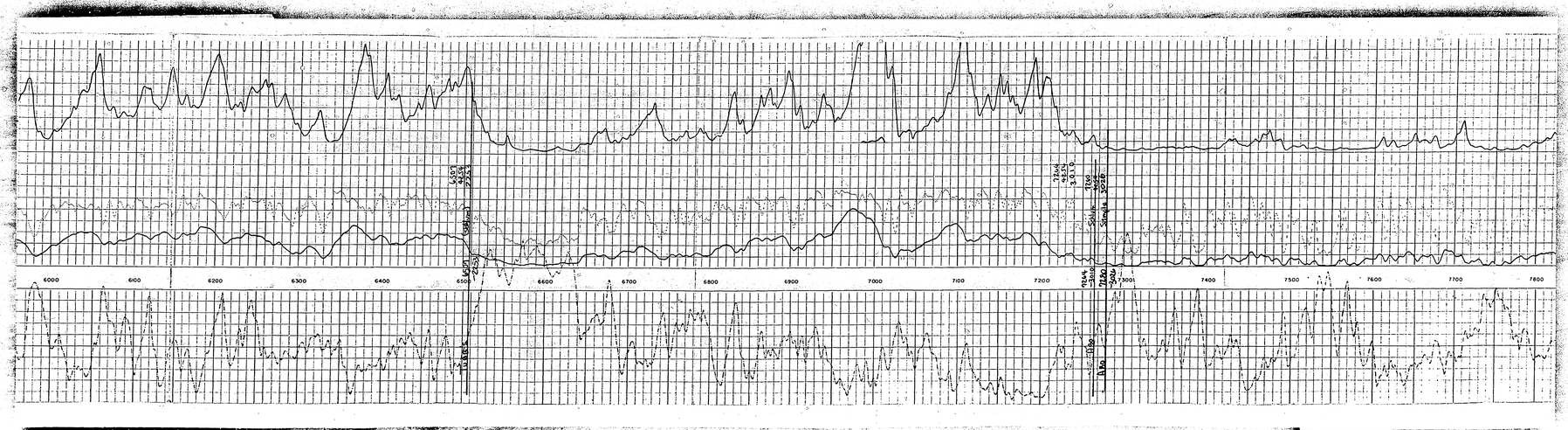


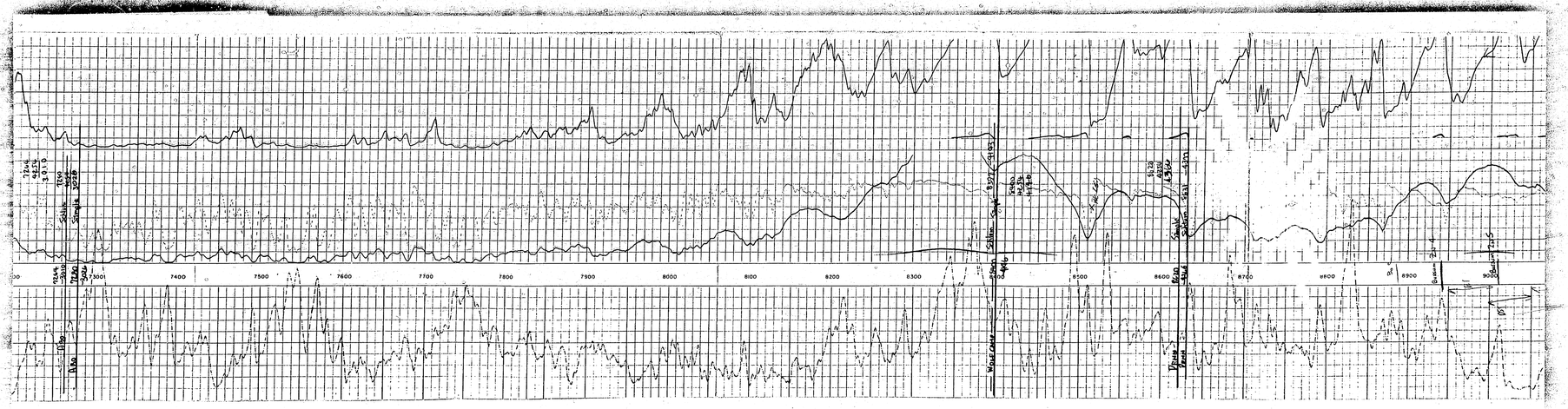
U.W.M.C.F. MICROGRAPHICS



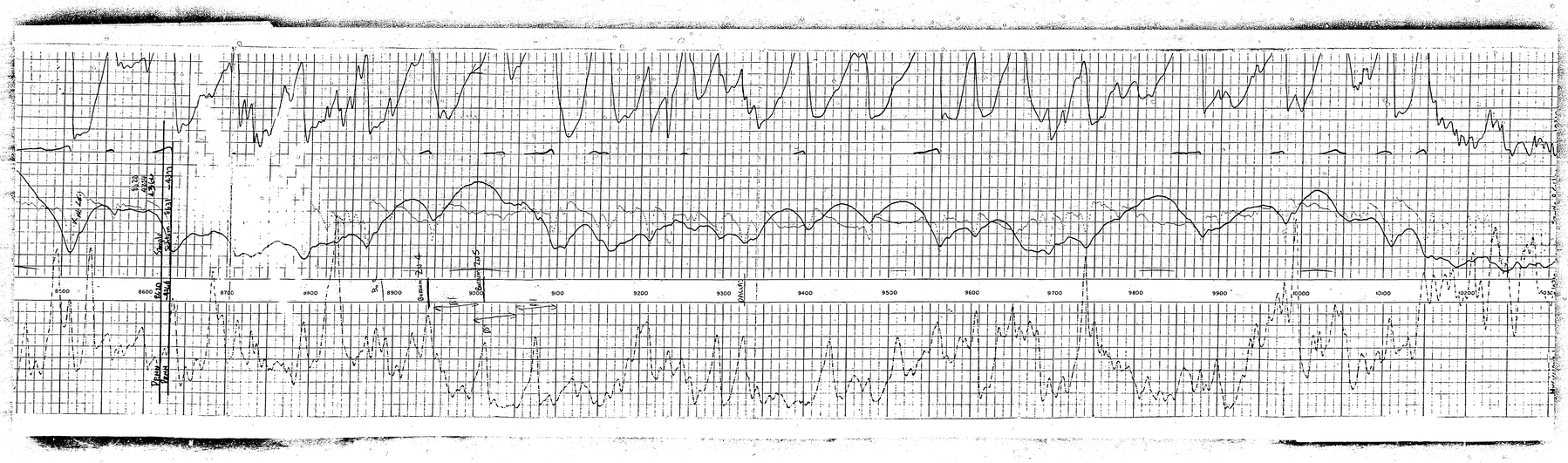
U.S.N.C.F. MICROGRAPHICS
NAVY ANNEXES DEPT



W.S.N.C.F. MICROGRAPHICS



N.E.R.C.F. MICROGRAPHICS



M.R.N.C.F. MICROGRAPHICS
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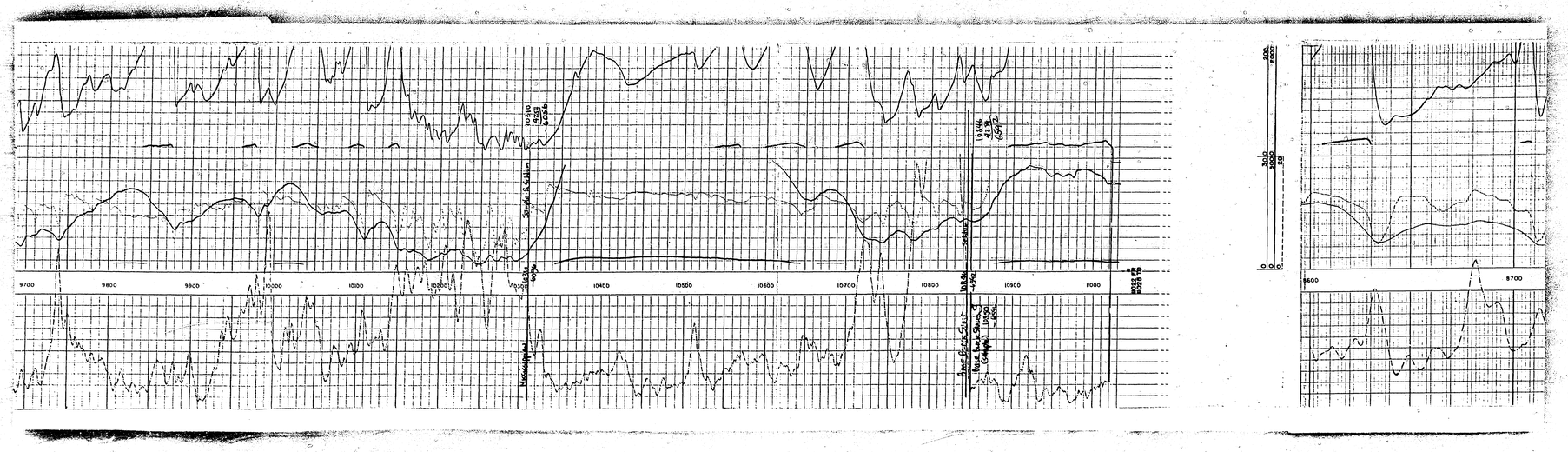
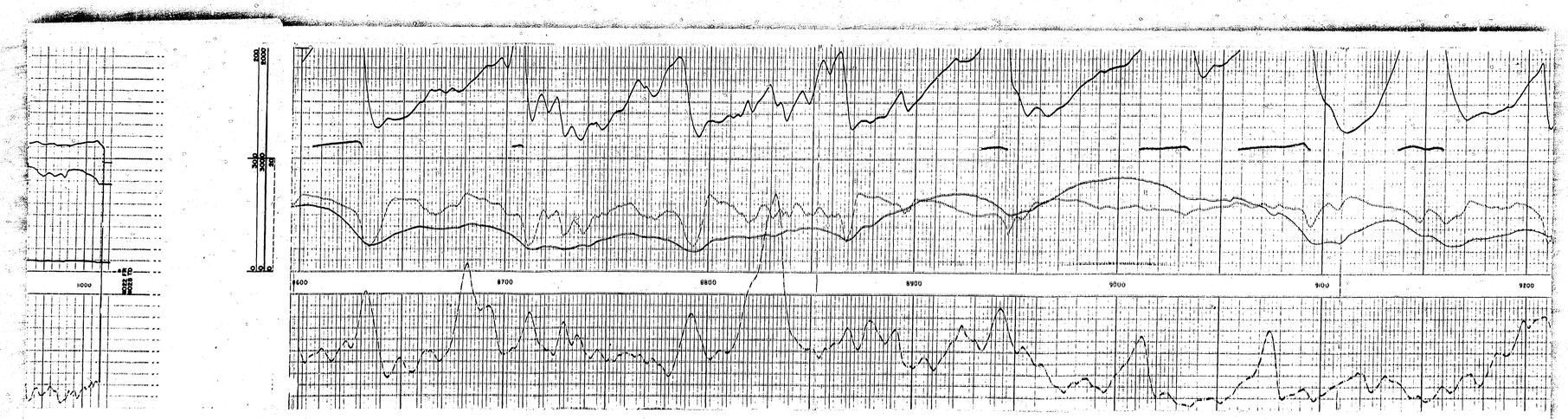


W.A.M.C.F. MICROGRAPHICS



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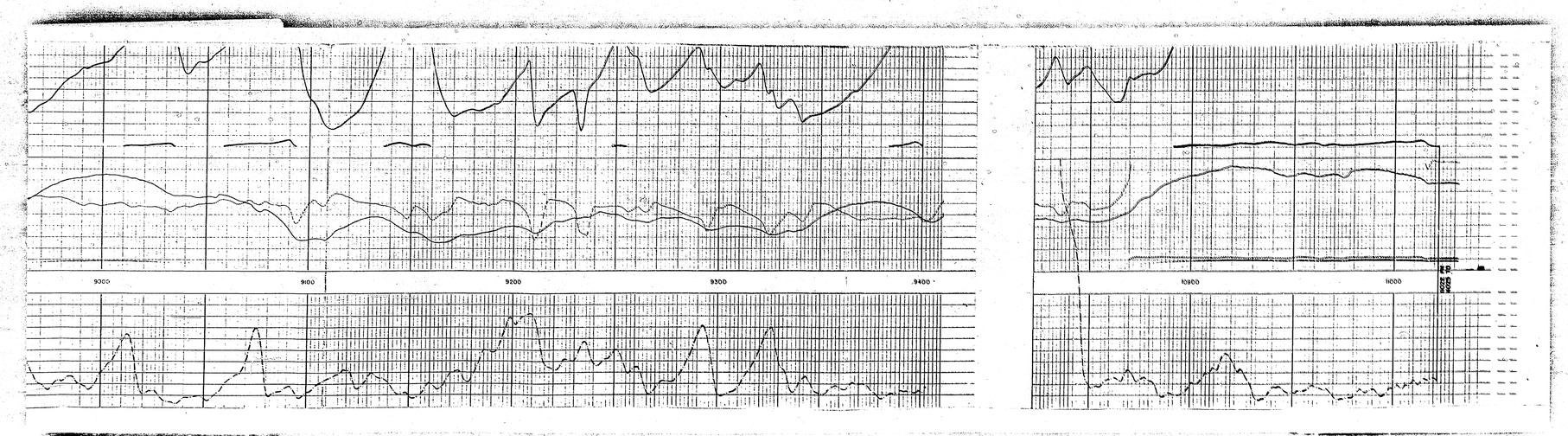
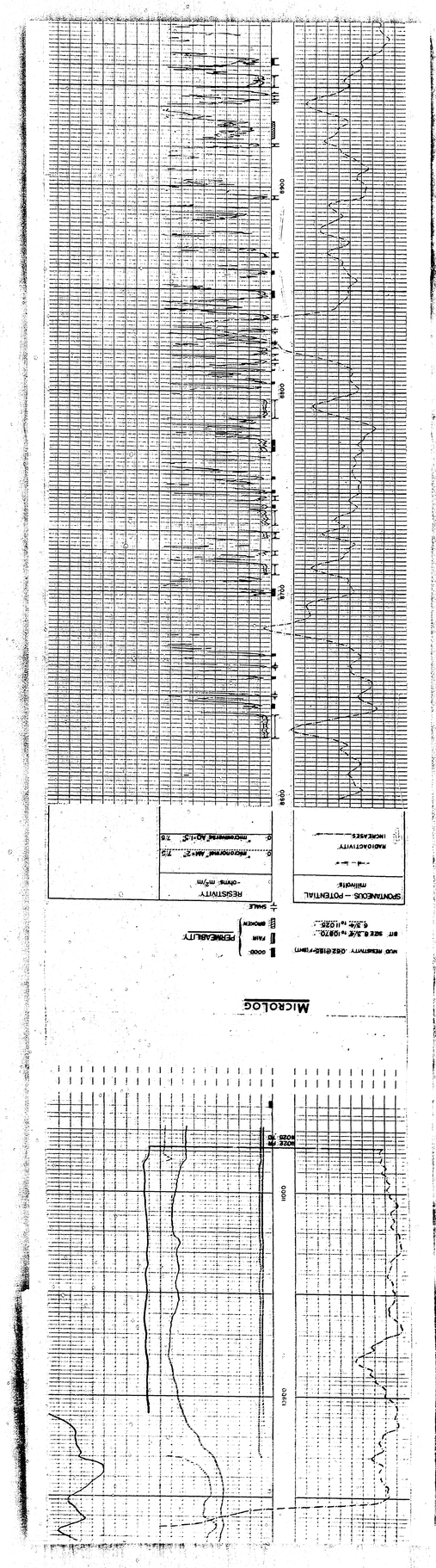
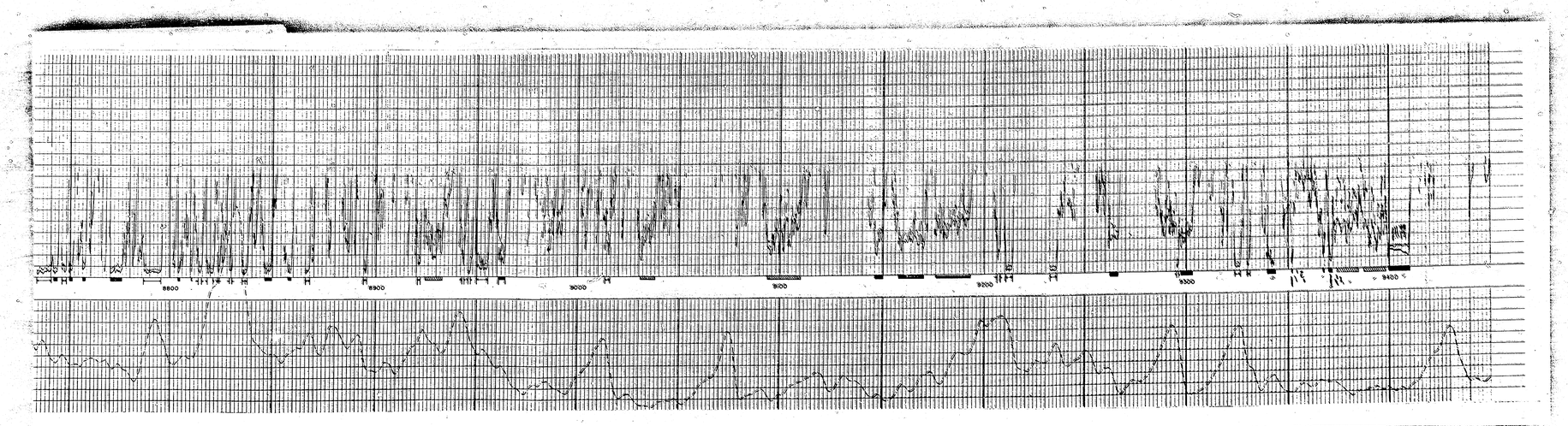
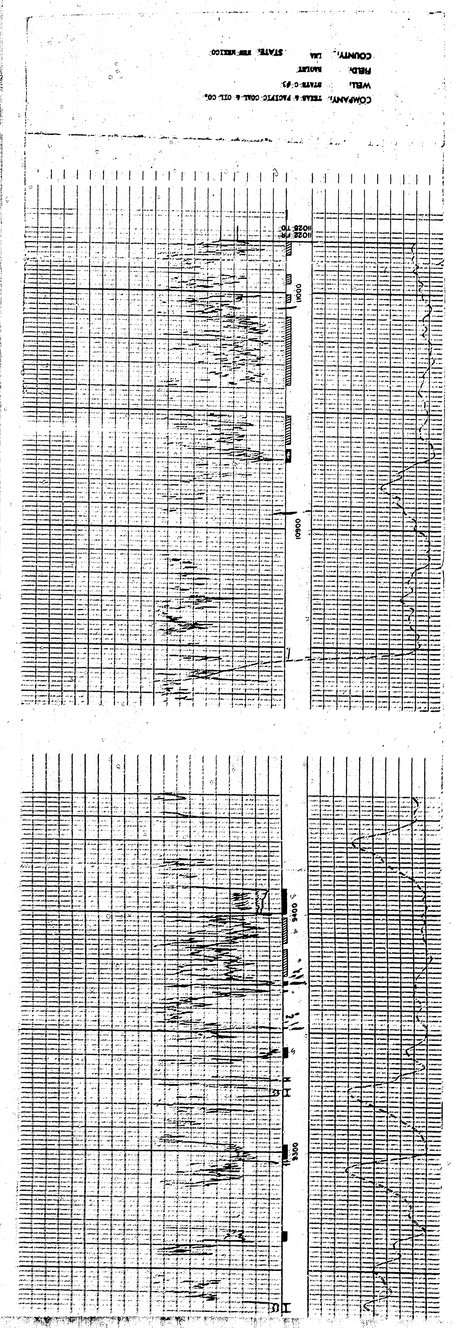


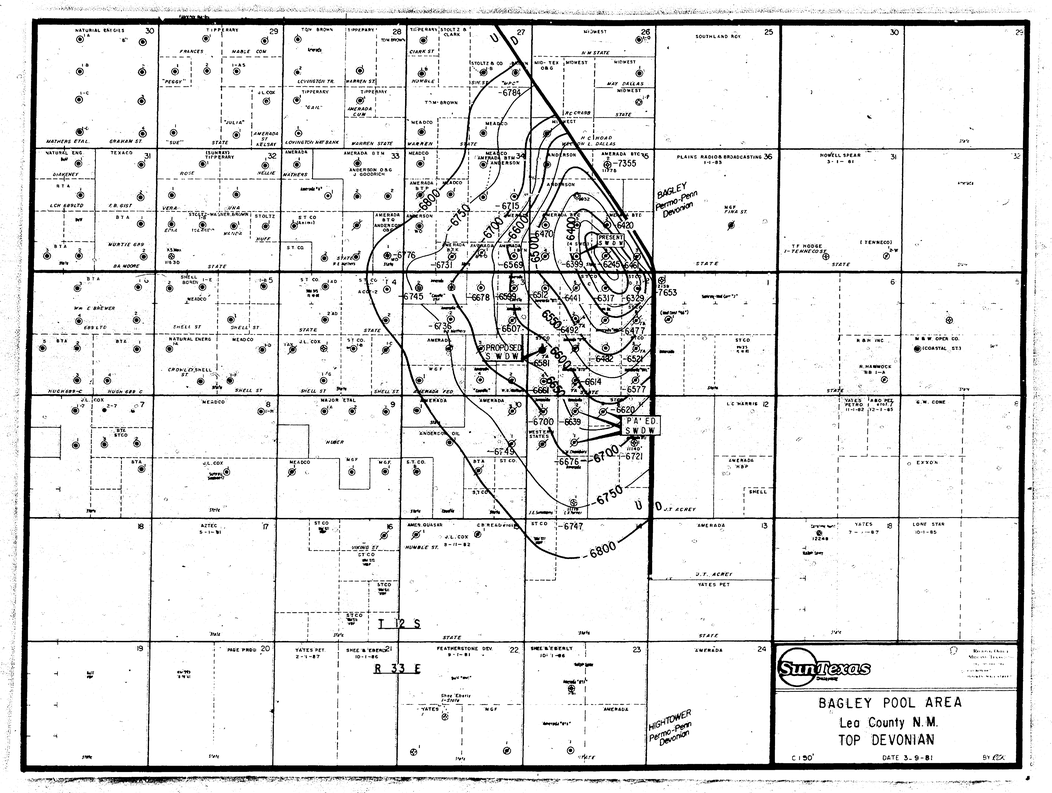
N.Y.M.G.F. MICROGRAPHICS
BEST AVAILABLE COPY


MICROLOG
MUD RESISTIVITY .082@158°F(MT)
BIT SIZE 6 3/4" to 10270'
6 3/4" to 11028'
SPONTANEOUS – POTENTIAL
millivolts
RADIOACTIVITY
INCREASES
RESISTIVITY
-ohms· m²/m
SHALE
PERMEABILITY
GOOD
FAIR
SMOOTH
8000
8100
8200
8300
9000
9100
9200
9300
10000
10100
10200
10300
11000
11028 TD



U.S.B.C.F. MICROGRAPHICS


COMPANY: TEXAS & PACIFIC COAL & OIL CO.
WELL: STATE-C-#1
FIELD: BAKER
COUNTY: LEA STATE: NEW MEXICO
HOSE FR.
HOSE TO
10500
10600
9400
9500


BAGLEY
Permo-Penn
Devonian
HIGHTOWER
Permo-Penn
Devonian
PROPOSED
SWDW
PA'ED.
SWDW
T 12 S
R 33 E
6700
6750
6800
6850
SunTexas
BAGLEY POOL AREA
Lea County N.M.
TOP DEVONIAN
C.I. 50'
DATE 3-9-81