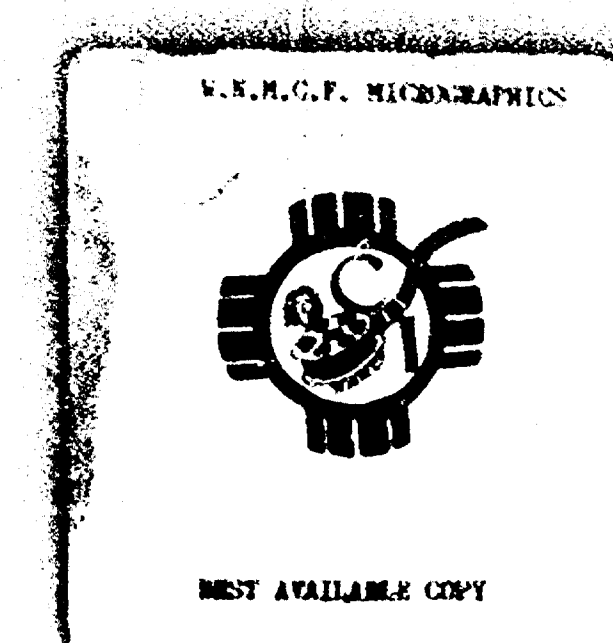
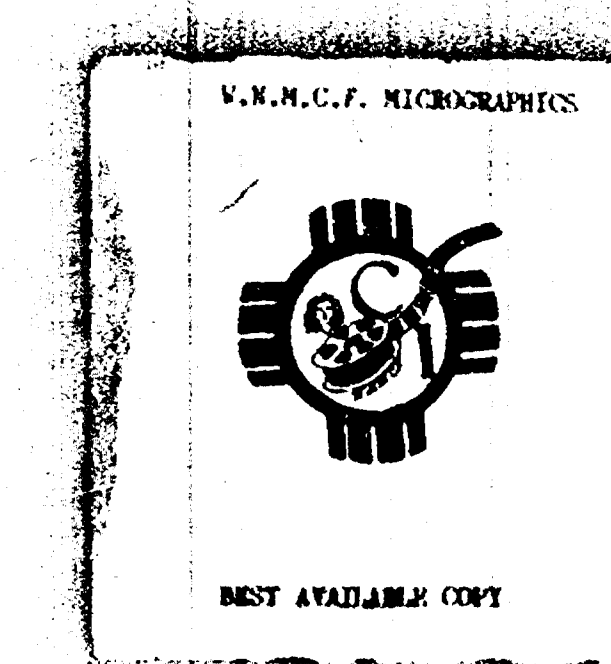
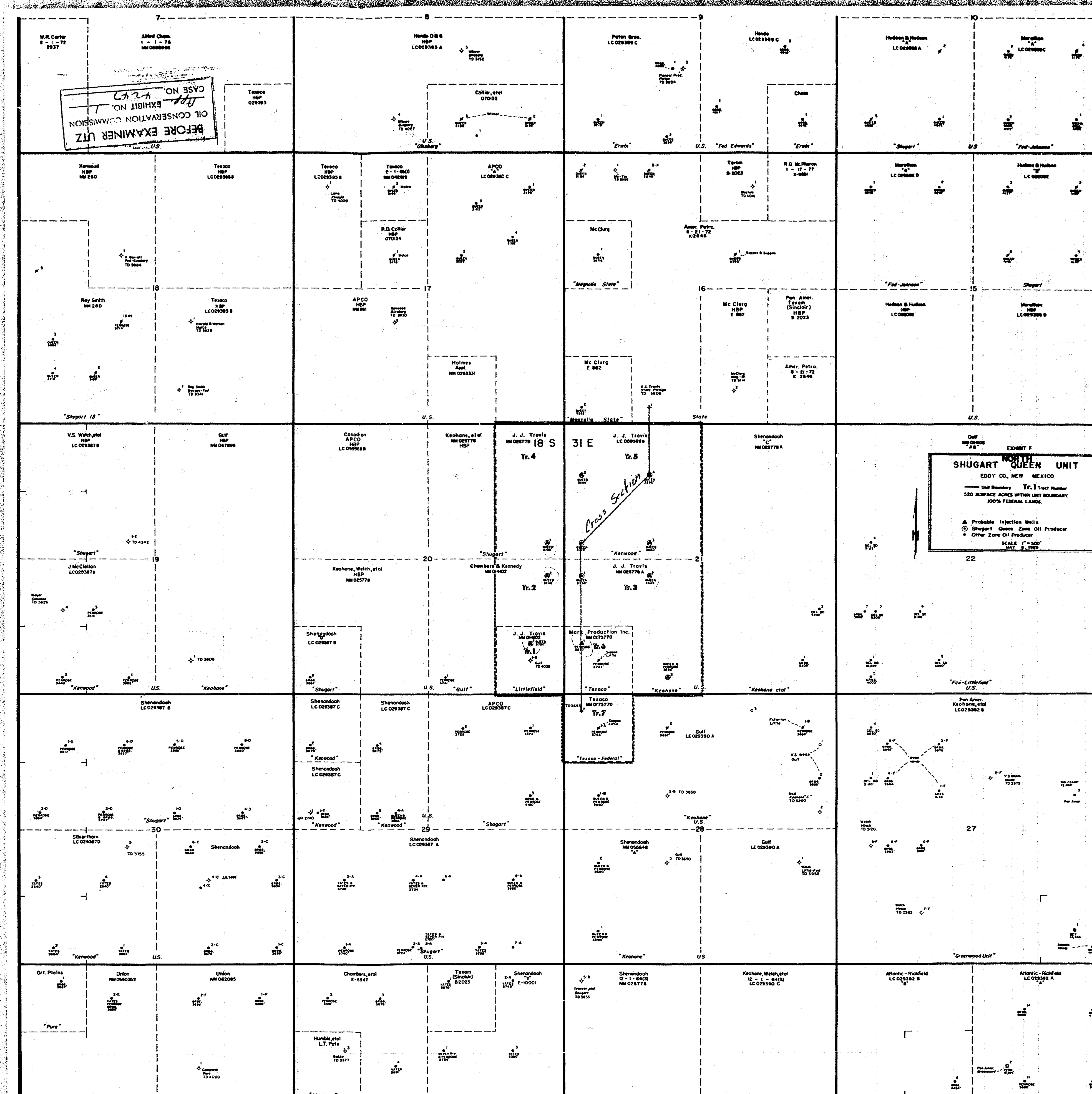


Case Number
4248

Large
Exhibits





J. J. TRAVIS & COMPANY
Oil Producers
Box 474
HIGHLAND, TEXAS 79701
November 12, 1969

Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico
Attention: Mr. E. A. Ute

RE: Case Nos. 4247 and 4248 Application of
J. J. Travis for approval of Unit
Agreement and Waterflood Project

Gentlemen:

At the hearing held on November 5, 1969, with reference to the captioned cases,
an submitted schematic drawings of the nine (9) injection wells scheduled
to be used in the waterflood of the North Shugart Queen Unit, Eddy County,
New Mexico.

The Nos. 2, 3 and 4 Kennecott wells and the Nos. 2 and 3 Hechene wells that
we drilled showed the top of the cement on the basis of temperature survey
run at the time the wells were cemented. Temperature surveys apparently
were not run on the other four proposed injection wells, namely Littlefield
AA Federal No. 1, drilled by Gulf; Chambers & Kennedy Gulf Federal No. 2,
and Hechene Shugart Federal No. 1 located in Section 20, T-14N, R-11E, S-1
and Chemical Express Texaco Federal No. 1 located in Section 21, T-14N-S
E-31-S. We enclose duplicate schematic drawings of these four wells showing
a calculated top of the cement as requested by the Commission at the date
of the hearing.

Very truly yours,

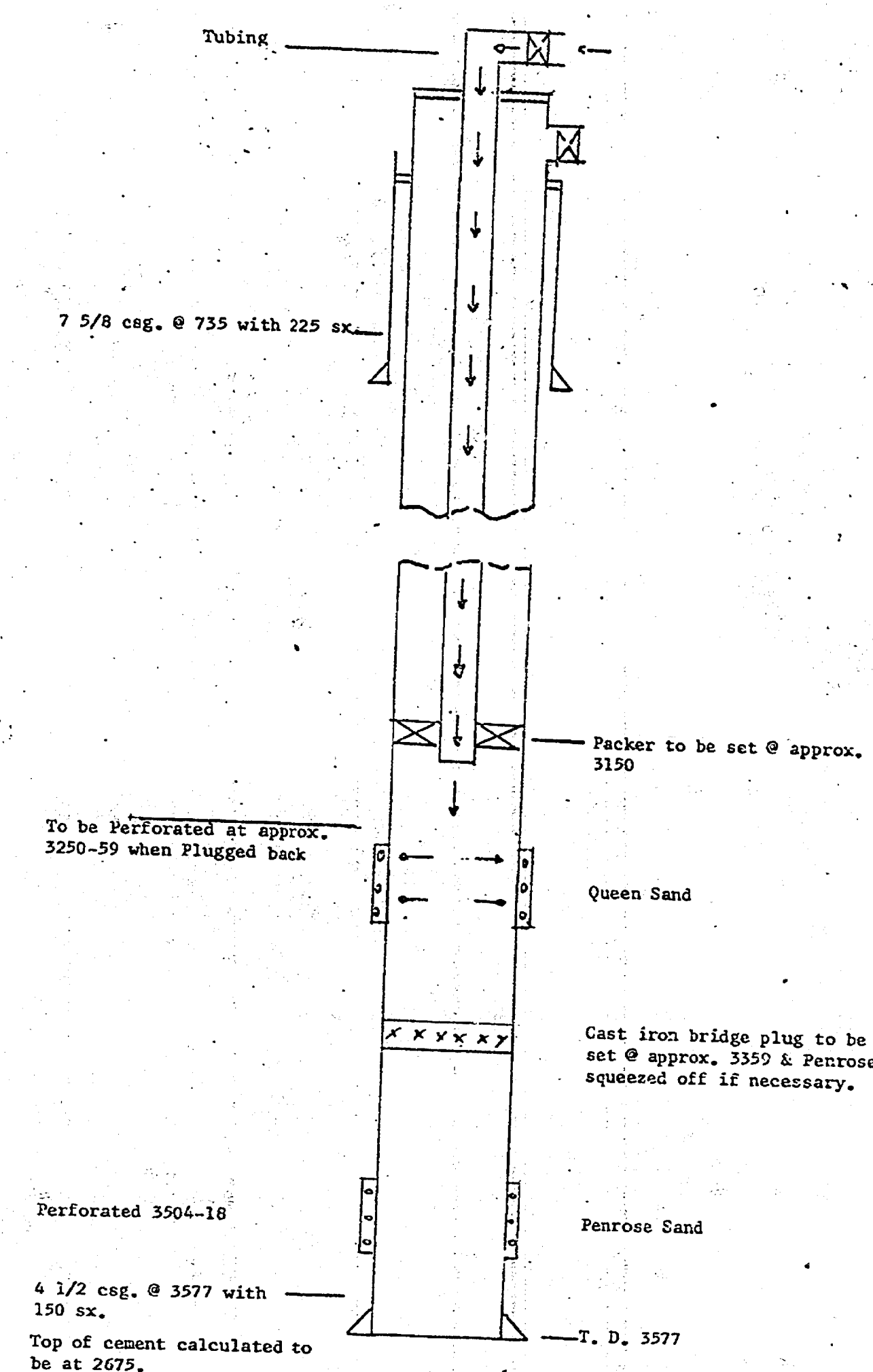
J. J. Travis

JJT:MDJ

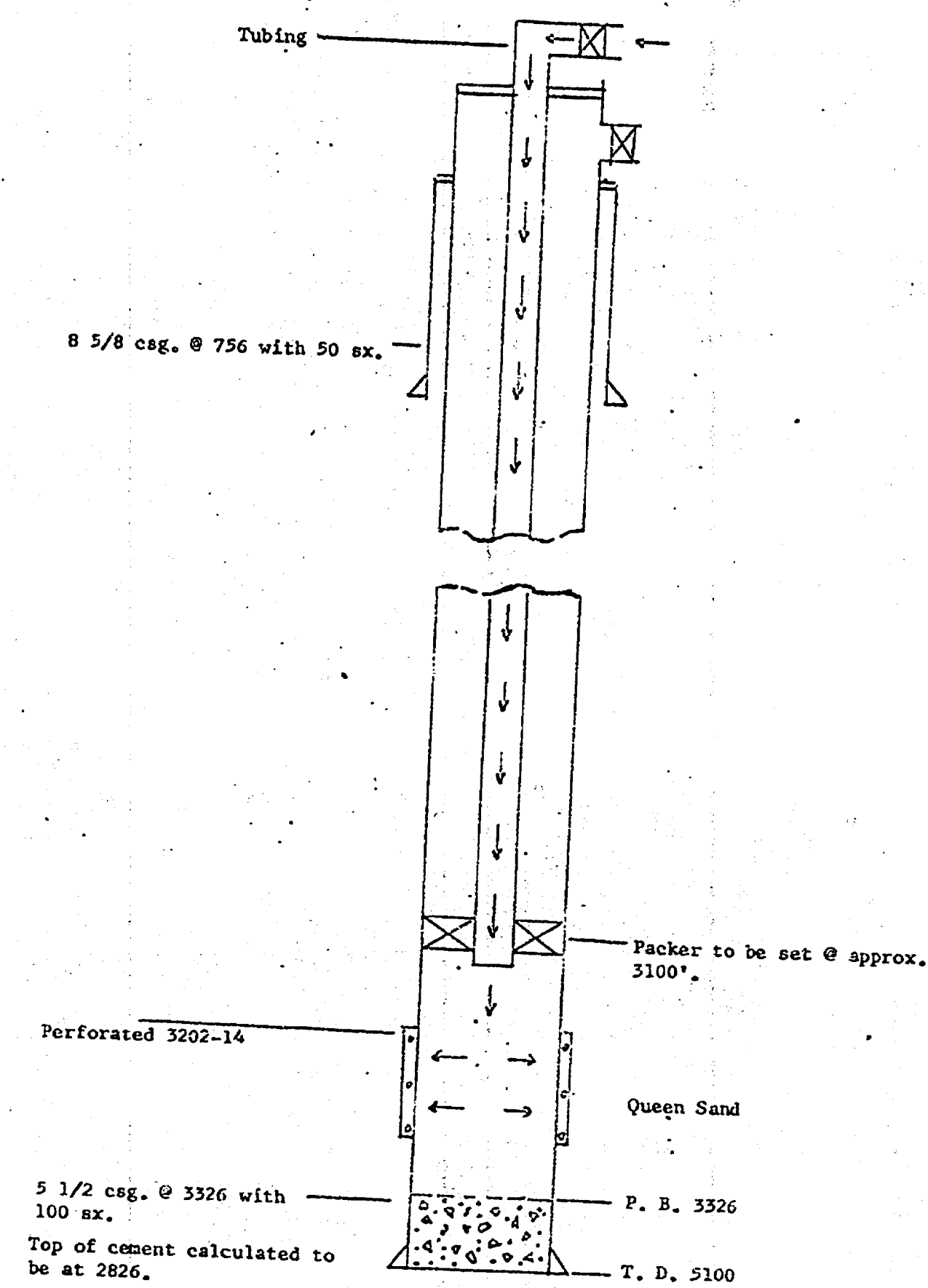
Encl.



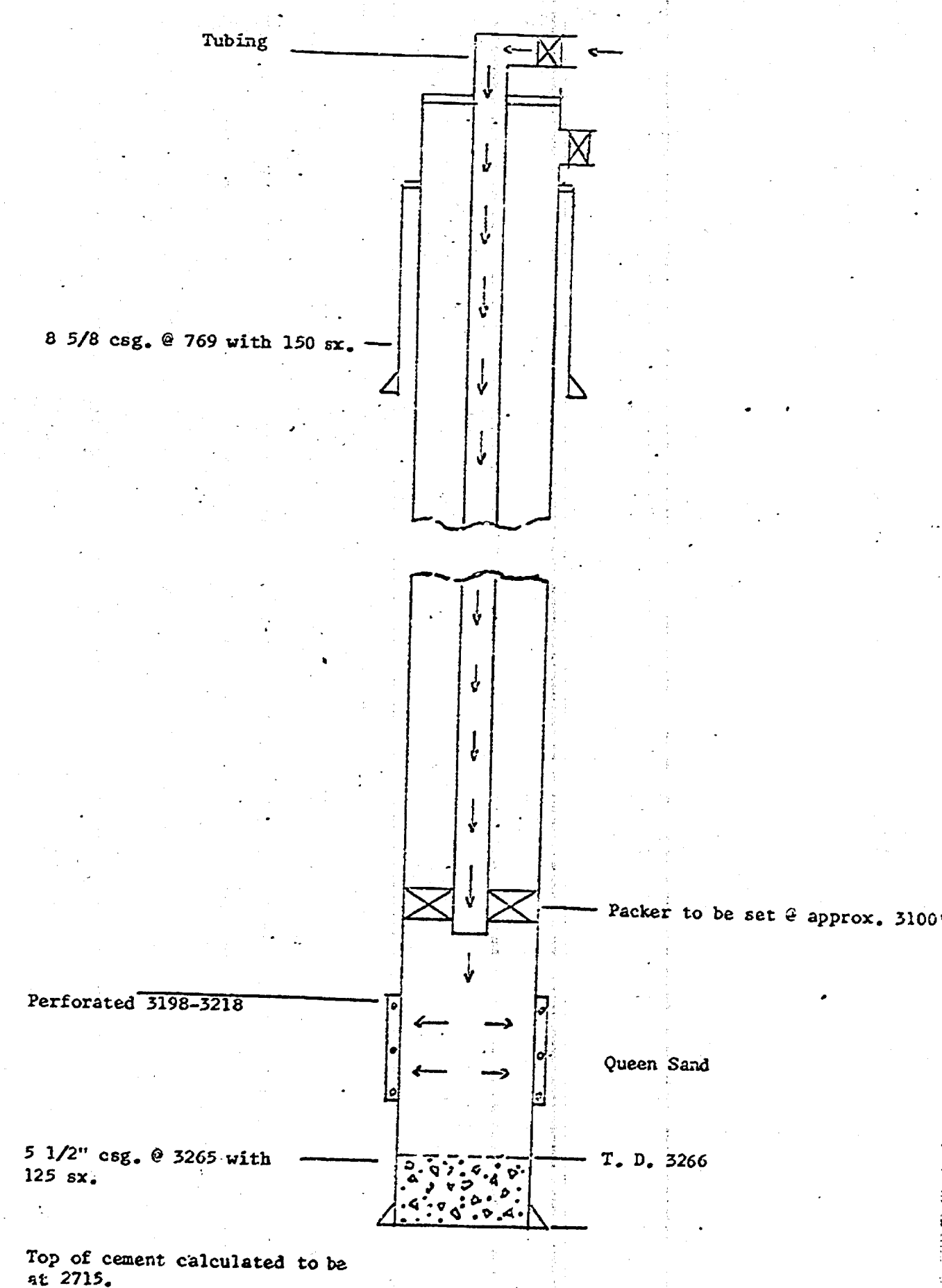
J. J. TRAVIS
NORTH SUGART QUEEN UNIT
SCHEMATIC DRAWING OF INJECTION WELL
CHITRAL SPRING TEXAS FEDERAL #1
990' FS & 330' P.D., Sec. 21, T-18-S, R-31-E
EDDY COUNTY, NEW MEXICO



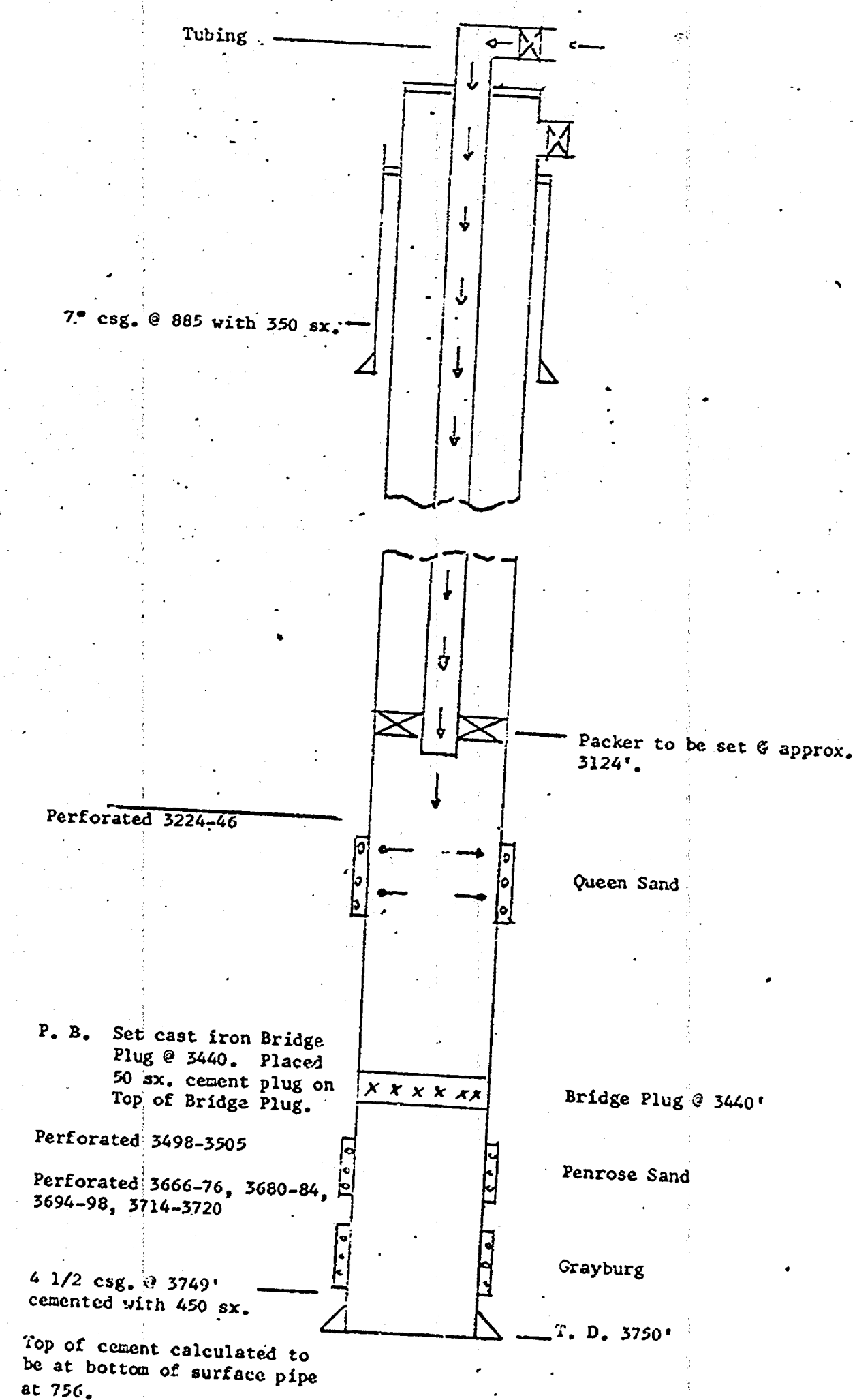
J. J. TRAVIS
NORTH SUGART QUEEN UNIT
SCHEMATIC DRAWING OF INJECTION WELL
SUGART FEDERAL #1
2310 FS & 330 P.D., Sec. 20, T-18-S, R-31-E
EDDY COUNTY, NEW MEXICO



CHAMBERS & KENNEDY, N. SUGART QUEEN UNIT
SCHEMATIC DRAWING OF INJECTION WELL
GULF FEDERAL #2
2310 FS & 330 P.D., Sec. 20, T-18-S, R-31-E
EDDY COUNTY, NEW MEXICO



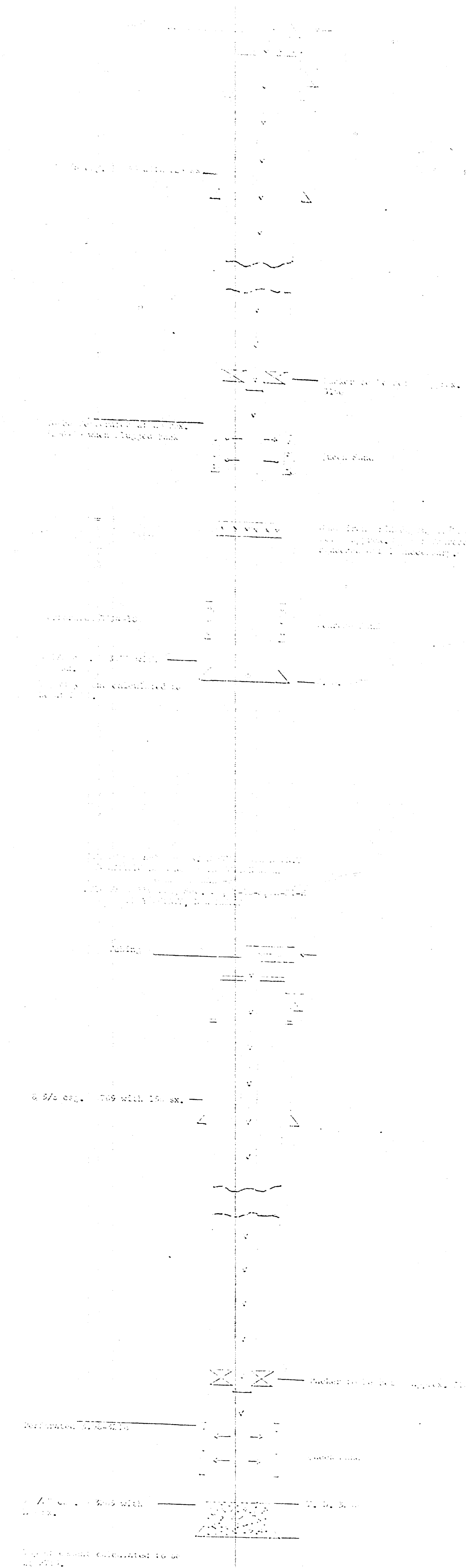
J. J. TRAVIS
NORTH SUGART QUEEN UNIT
SCHEMATIC DRAWING OF INJECTION WELL
LITTLE FIELD FEDERAL A. A. #1
990 FS & 460 P.D., Sec. 20, T-18-S, R-31-E
EDDY COUNTY, NEW MEXICO

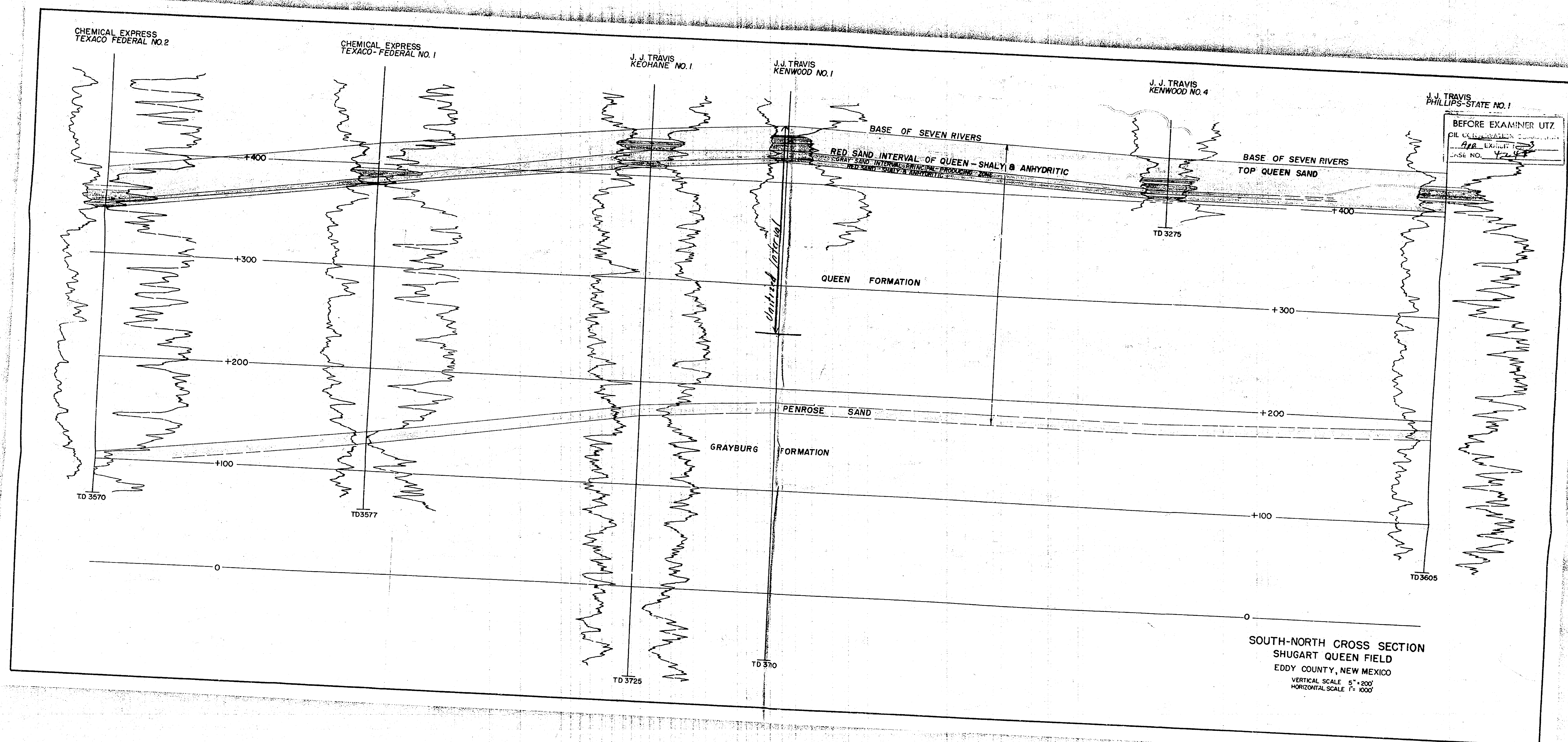


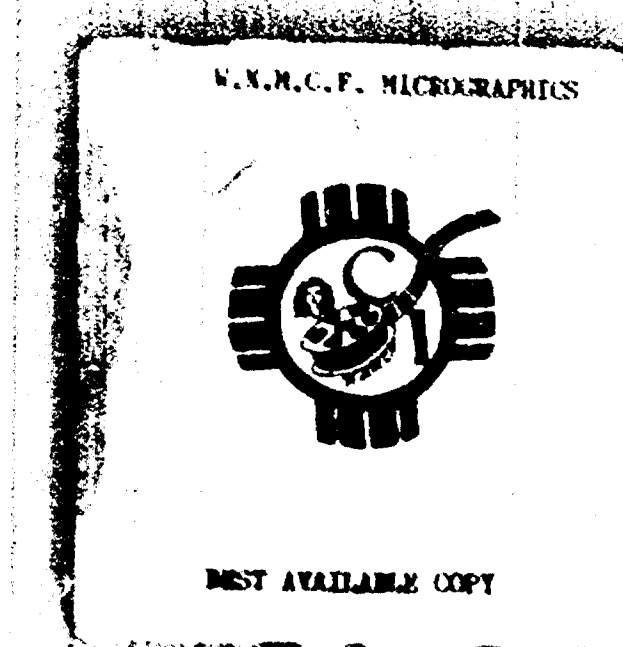
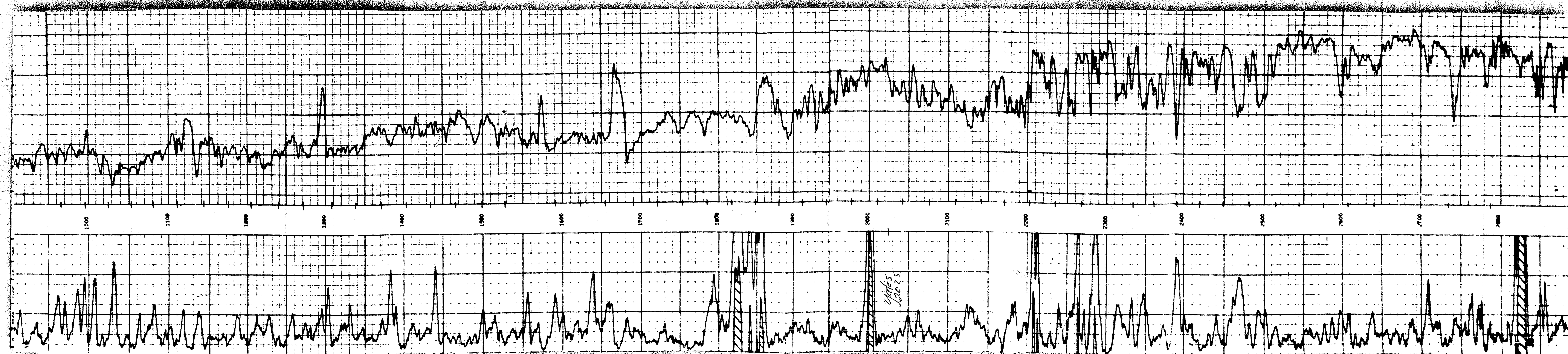
W.A.C.F. MICROGRAPHICS

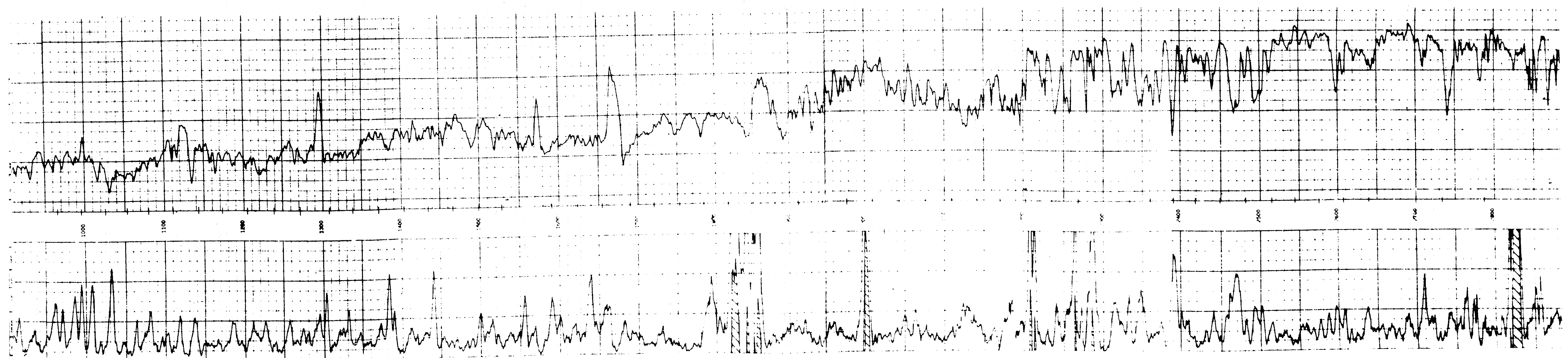


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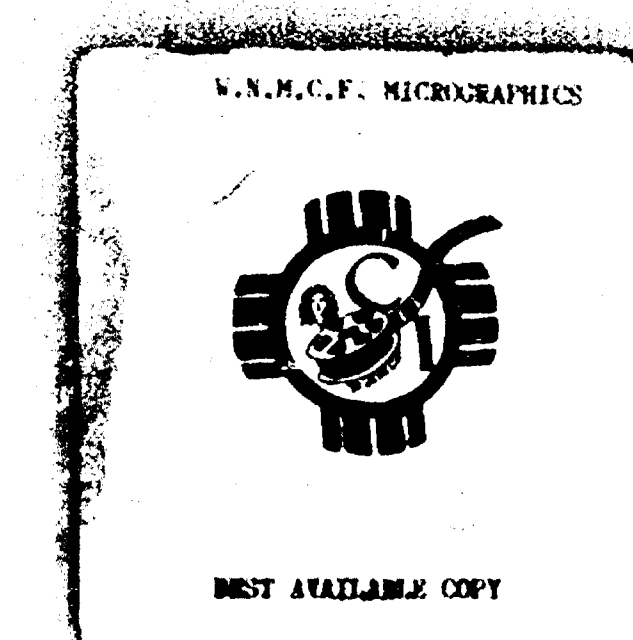
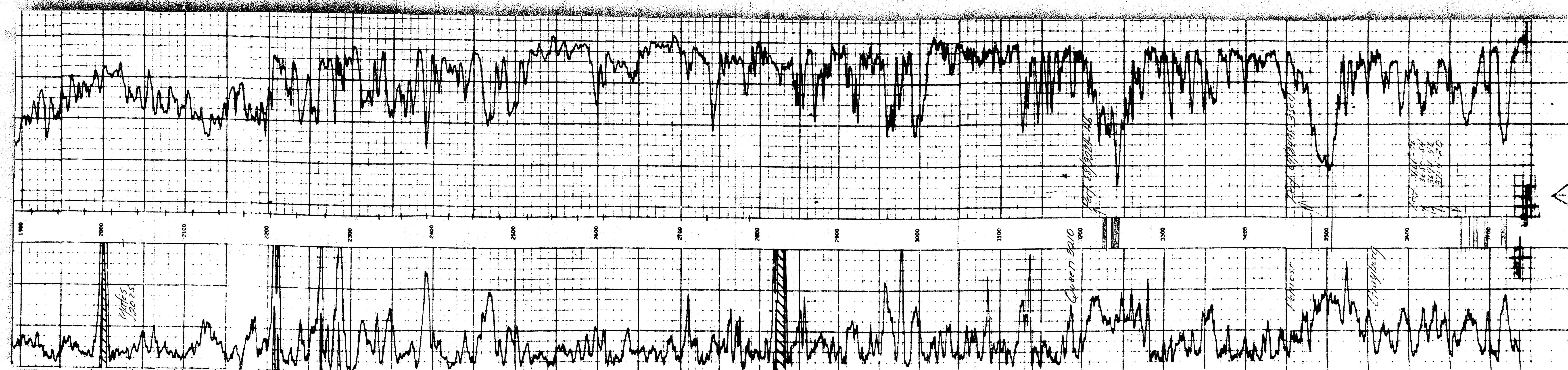


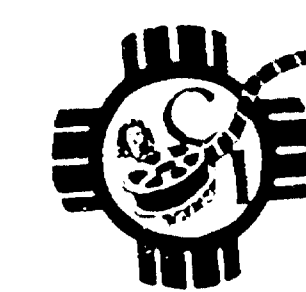
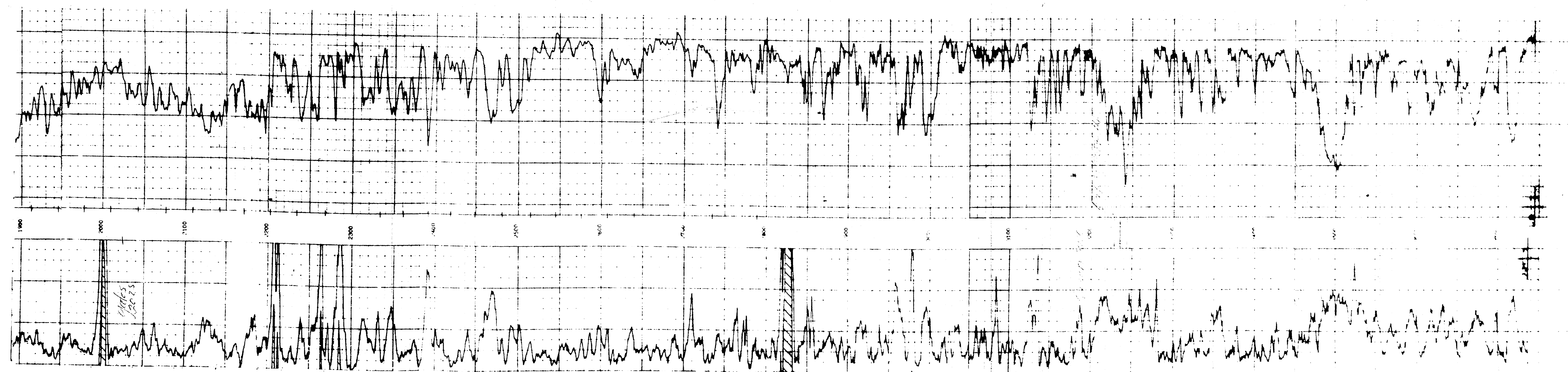






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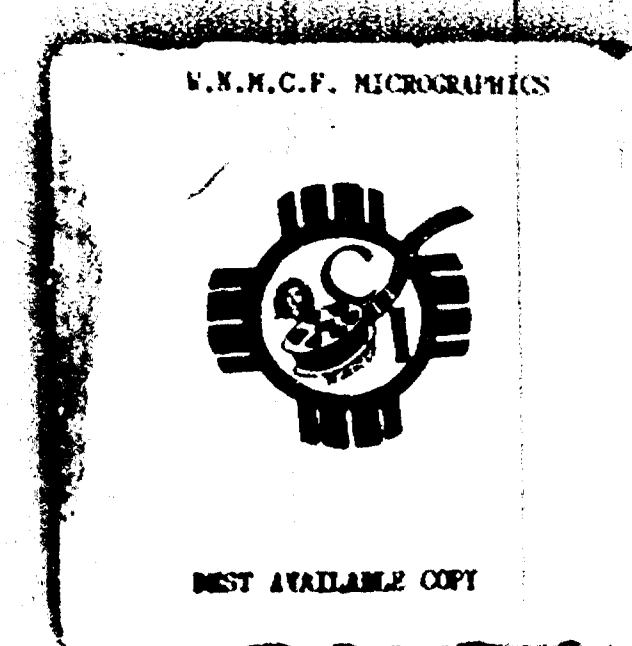
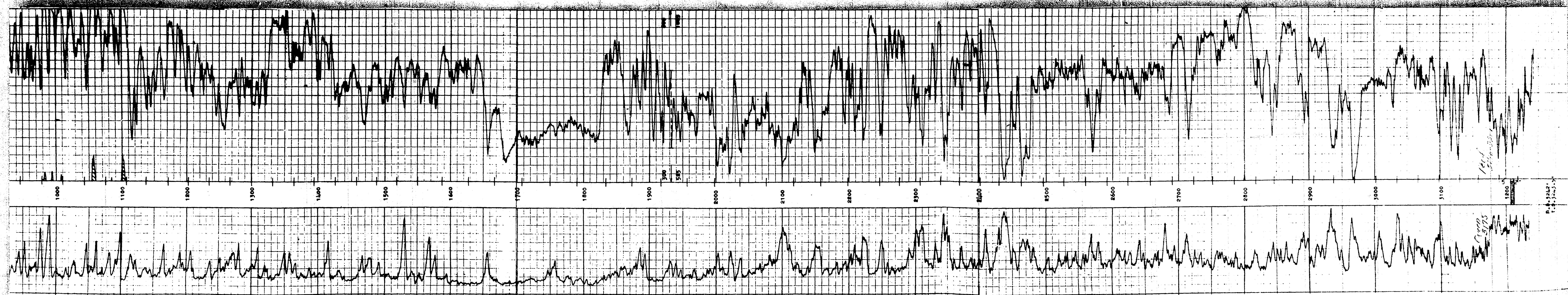


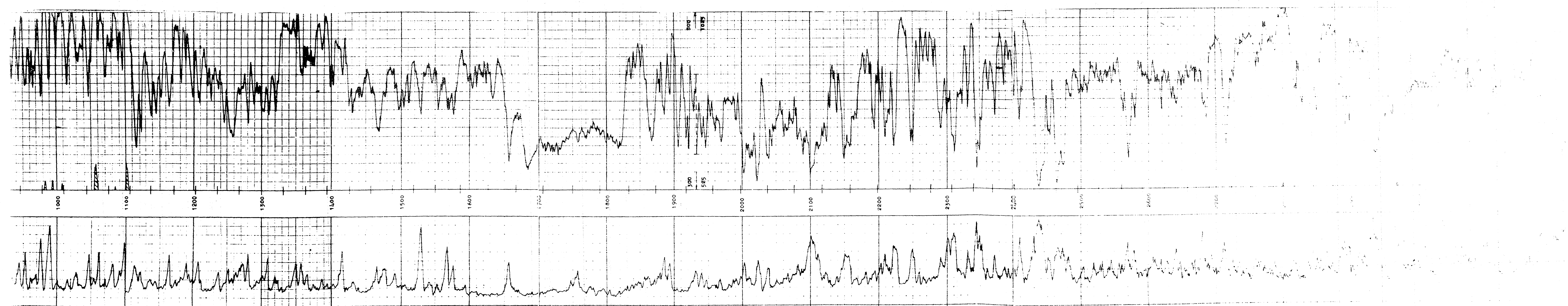


NOAA

The figure consists of two vertically stacked panels sharing a common x-axis. The x-axis is labeled with numerical values: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, and 1800. The top panel displays a time series with high volatility, characterized by frequent sharp peaks and troughs. A shaded rectangular region is present at the beginning of the plot, covering the x-axis range from approximately 0 to 100. The bottom panel displays a time series with lower volatility, showing smoother fluctuations. The y-axis for both panels is not explicitly labeled, but the grid lines suggest a scale from 0 to 100.







ANALOG SYSTEMS



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