

May 24, 1988

Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Case 9413

Re: Avalon-Delaware Pool
Eddy County, New Mexico

Gentlemen:

Enclosed for filing, please find three copies of the Application of Yates Petroleum Corporation for Establishment of Temporary Special Pool Rules, Avalon-Delaware Pool, Eddy County, New Mexico.

We ask that this matter be set for hearing before an Examiner on June 22, 1988.

Thank you.

Sincerely yours,

DICKERSON, FISK & VANDIVER



Chad Dickerson

CD:pvw
Enclosures

cc w/enclosure: Mr. Jim Brown

BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION :
OF YATES PETROLEUM CORPORATION FOR :
ESTABLISHMENT OF TEMPORARY SPECIAL :
POOL RULES, AVALON-DELAWARE POOL, :
EDDY COUNTY, NEW MEXICO :
_____ :

CASE NO. 449

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. The Avalon-Delaware Pool in Township 20 South, Ranges 27 and 28 East, N.M.P.M., Eddy County, New Mexico, was created July 1, 1980, by Order No. R-6368, as amended by Order Nos. R-6576, R-7193, R-7279, R-7322, R-7334, R-7419, R-7437 and R-7668.

2. Applicant is the operator of a portion of the wells located within the Avalon-Delaware Pool.

3. Applicant requests that temporary Special Pool Rules be established to permit a Gas-Oil Ratio of 5,000 cubic feet of gas per barrel of oil, without penalty on the production allowable otherwise permitted under Rule 505 of the New Mexico Oil Conservation Division. Such Gas-Oil Ratio is in excess of that otherwise permitted under Rule 506. Applicant requests that such Special Pool Rules be temporary, to be reviewed after one year of production history.

NORTH TOM TOM-SAN ANDRES POOL
Chaves County, New Mexico

Order No. R-6328, May 1, 1980, Establishing Pool, as Amended
by Order No. R-7607, August 1, 1984.

T-7-S, R-31-E SW/4 Sec. 16; E/2 Sec. 17.

EAST BURTON-DELAWARE POOL
Eddy County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool, as Amended
by Order No. R-7351, October 1, 1983.

T-20-S, R-29-E W/2 Sec. 16; NW/4 Sec. 21.

TOWNSEND-MISSISSIPPIAN GAS POOL
Lea County, New Mexico

Order No. R-6328, May 1, 1980, Establishing Pool.

T-16-S, R-35-E N/2 Sec. 28.

DOG CANYON-STRAWN GAS POOL
Eddy County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-17-S, R-28-E S/2 Sec. 6.

WANTZ-FUSSELMAN POOL
Lea County, New Mexico

Order No. R-6328, May 1, 1980, Establishing Pool.

T-21-S, R-37-E NE/4 Sec. 21.

EMPIRE-GRAYBURG GAS POOL
Eddy County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-17-S, R-27-E NE/4 Sec. 14.

BENSON-STRAWN POOL
Eddy County, New Mexico

Order No. R-6129-A, June 1, 1980, Establishing Pool.

T-18-S, R-30-E SE/4 Sec. 33.

NORTH HUME-MORROW GAS POOL
Lea County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-15-S, R-34-E W/2 Sec. 36.

ARKANSAS JUNCTION-PENNSYLVANIAN POOL
Lea County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-18-S, R-36-E SE/4 Sec. 20.

LUSK-ATOKA GAS POOL
Lea County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-19-S, R-32-E S/2 Sec. 18.

AVALON-DELAWARE POOL
Eddy County, New Mexico

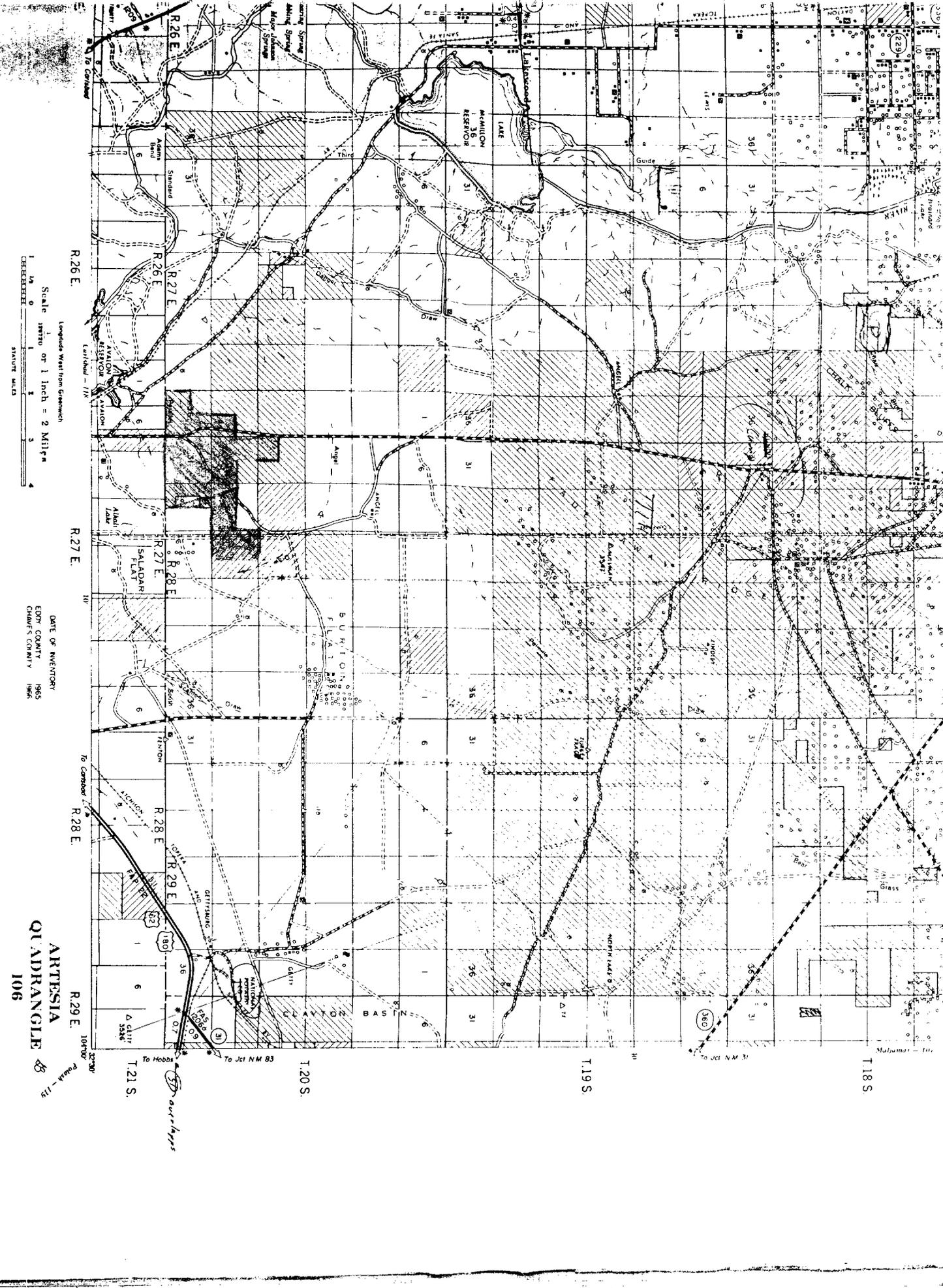
Order No. R-6368, July 1, 1980, Establishing Pool, as Amended
by Order No. R-6576, February 1, 1981; Order No. R-7193, February
1, 1983; Order No. R-7279, June 1, 1983; Order No. R-7322, August 1,
1983; Order No. R-7334, September 1, 1983; Order No. R-7419,
January 1, 1984; Order No. R-7437, March 1, 1984; Order No. R-7668,
October 1, 1984.

T-20-S, R-27-E SE/4 Sec. 25; NE/4, S/2 Sec. 36.
T-20-S, R-28-E SW/4 Sec. 19; W/2 Sec. 28; S/2 Sec. 29; W/2,
SE/4 Sec. 30; Sec. 31; W/2 Sec. 32.

MILEPOST-MORROW GAS POOL
Eddy County, New Mexico

Order No. R-6368, July 1, 1980, Establishing Pool.

T-26-S, R-25-E N/2 N/2, Lots 1, 2, 3, 4 Sec. 36.
T-26-S, R-26-E S/2 Sec. 30; N/2 NW/4, Lots 3, 4 Sec. 31.



Scale 1 inch = 2 Miles
 1 1/4 0 1 2 3 4
 STATUTE MILES

DATE OF INVENTORY 1965
 EDOT COUNTY 1968
 CHADWICK COUNTY 1968

ARTESIA
 QADRANGLE
 106

McMILLON RESERVOIR
 SALADAR FLATS
 ALKALI LAKE
 NORTH LAKE
 SPRING SPRING
 ABING SPRING
 MAJOR JACKSON SPRING
 GUIDE
 ANGELO
 BURTON
 JACKSON
 NATIONAL MONUMENT
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