

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

APPLICATION OF THE PETROLEUM )  
CORPORATION OF DELAWARE FOR )  
POOL CREATION AND SPECIAL POOL)  
RULES, EDDY COUNTY, NEW MEIXCO)

CASE NO. 8371

APPLICATION

The Petroleum Corporation of Delaware hereby makes application for pool creation and special pool rules in connection with certain Eddy County, New Mexico lands as follows:

1. Applicant seeks the creation of a new Strawn Oil Pool for its Superior Federal No. 4 Well located 660 feet from the east line and 1,980 feet from the south line of Section 5, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico and special rules therefor including 160 acre oil well spacing and a gas oil ratio of 3,000 to 1, with said special rules to be retroactive to February 1, 1984.

2. Said proposed new Strawn Oil Pool was discovered by the Superior Federal No. 4 Well located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 5, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico. Said well was first completed in the Morrow Formation in May 1978 and, as such, was included within the Burton Flat Morrow (gas) Field. Thereafter the Morrow production depleted and in April 1980, the well was completed in the Strawn Formation with perforations located at 10,314 to 10,318 feet beneath the surface. Applicant is advised that from and after the completion of the subject well in the Strawn Formation that the well has been classified by the Oil Conservation Division as a wildcat

well. Offset wells which are completed in the Strawn Formation are included within the East Burton Flat Strawn Field, and such wells are classified as gas wells.

3. The horizontal limits of the new pool should consist of the following described area:

Township <sup>20</sup>~~26~~ South, Range <sup>29</sup>~~27~~ East, N.M.P.M.

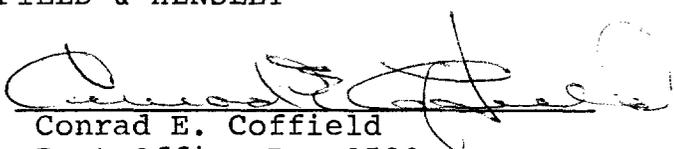
Section 5: SE $\frac{1}{4}$

Applicant proposes to dedicate all of the above described 160 acres to the subject well.

4. Matters urged by Applicant herein are in the interest of conservation, prevention of waste and protection of correlative rights.

5. Applicant requests that this matter be heard at the October 17, 1984 Examiner's hearing.

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