

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF TENNECO OIL COMPANY )  
FOR APPROVAL OF THE SOUTHWEST HENSHAW )  
(PREMIER) UNIT AGREEMENT EMBRACING )  
1,720 ACRES OF FEDERAL LANDS SITUATED )  
IN TOWNSHIP 16 SOUTH, RANGE 30 EAST, )  
N.M.P.M. EDDY COUNTY, NEW MEXICO, AND )  
BEING WITHIN THE WEST HENSHAW - GRAYBURG )  
POOL. )

No. 3812

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Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico 87501

Comes Tenneco Oil Company, with offices at Midland, Texas, acting by and through the undersigned attorneys, and hereby makes application for approval of the Southwest Henshaw (Premier) Unit Agreement embracing 1,720 acres of federal lands situated in Township 16 South, Range 30 East, N.M.P.M. Eddy County, New Mexico, being within the West Henshaw - Grayburg Pool, and in support thereof respectfully shows:

1. That there is filed herewith 3 copies of the proposed Unit Agreement for the Development and Operation of the Southwest Henshaw (Premier) Unit Area, Eddy County, New Mexico. That said unit area embraces 1,720 acres of lands of the United States situated within the West Henshaw - Grayburg Pool, more particularly described as follows:

Township 16 South, Range 30 East, N.M.P.M.

Section 7 -  $E\frac{1}{2}SW\frac{1}{4}$ ,  $SE\frac{1}{4}$   
Section 8 -  $S\frac{1}{2}$   
Section 17 -  $N\frac{1}{2}$ ,  $SW\frac{1}{4}$ ,  $NW\frac{1}{4}SE\frac{1}{4}$   
Section 18 -  $E\frac{1}{2}W\frac{1}{2}$ ,  $E\frac{1}{2}$   
Section 19 -  $NE\frac{1}{4}NW\frac{1}{4}$ ,  $N\frac{1}{2}NE\frac{1}{4}$   
Section 20 -  $NW\frac{1}{4}NW\frac{1}{4}$

2. That the above unit area has heretofore been designated by the Acting Director of the United States Geological Survey as an area logically subject to operation under the unitization provisions of the Mineral Leasing Act and the form of unit agreement, copies of which are filed herewith, has been approved by the United States Geological Survey. That the form is substantially the same as heretofore used and approved by the Oil Conservation Commission and by the United States Geological Survey where federal lands are involved.

3. That the unit agreement is limited to the formation commonly referred to as the Premier zone and which is specifically defined in the unit agreement as being "that interval occurring between the depths of 2,744 feet and 2,788 feet as shown on the Gamma Ray-Microlaterolog of the Tenneco Oil Company's Hagerty Federal Well No. 5, located 660 feet north from the south line and 660 feet west from the east line of Section 18, Township 16 South, Range 30 East, N.M.P.M.".

4. That the unit agreement is being formed primarily for the purpose of carrying on secondary recovery operations which will consist of the inauguration of a water flood project and which is covered by a separate application of applicant for approval by the Commission.

5. That in the opinion of applicant the approval of said unit agreement will be in the interest of conservation and the prevention of waste and will promote the greatest ultimate recovery of unitized substances from the unitized zone of the unit area.

Applicant requests that this matter be set down for hearing at the examiner's hearing to be held on July 24, 1968.

Respectfully submitted,

TENNECO OIL COMPANY

By 

Member of the Firm of  
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