

BEFORE THE NEW MEXICO
OIL CONSERVATION COMMISSION

IN THE MATTER of the Application of)
Southwestern Hydrocarbon Company for)
an Order Revoking the Designation of)
the Sawyer San Andres and Sawyer South)
San Andres Oil Pools in Lea County,)
New Mexico and Creating the Sawyer San)
Andres Gas Pool composed of Sections)
13, 24 and 25 in Township 9 South,)
Range 37 East; Sections 18, 19, 20, 29,)
30, 31, 32, $W\frac{1}{2}$ of 21, $W\frac{1}{2}$ of 28, $W\frac{1}{2}$ of)
33, Township 9 South, Range 38 East;)
and $N\frac{1}{2}$ of Sections 5 and 6, and $NW\frac{1}{4}$ of)
Section 4, Township 10 South, Range 38)
East, Lea County, New Mexico, and for)
Pool rules; or, in the alternative, an)
order extending the pool limits of the)
Sawyer South San Andres Pool and re-)
moving the gas-oil ratio limitations)
therefrom on combining said pools with-)
out limiting gas-oil ratio.)

No. 1763

APPLICATION

Comes now Applicant, Southwestern Hydrocarbon Company, by its Attorneys, Campbell and Russell, and states:

1. It is the owner and operator of a well situated in the $NE\frac{1}{4}NW\frac{1}{4}$ of Section 5, Township 10 South, Range 38 East, Lea County, New Mexico.
2. By prior orders the Commission has designated the Sawyer San Andres Oil Pool consisting of Sections 13 and 24, Township 9 South, Range 37 East and Sections 18, 19 and 30, Township 9 South, Range 38 East and has pending an application to include within the pool limits Sections 20 and 29 and the $W\frac{1}{2}$ of Sections 21 and 28, Township 9 South, Range 38 East.
3. By prior orders the Commission has designated the Sawyer South San Andres Oil Pool consisting of the $S\frac{1}{4}$ of Sections

31 and 32, SW $\frac{1}{4}$ and W $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 33 and SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 28, Township 9 South, Range 38 East; and the NW $\frac{1}{4}$ of Section 6, Township 10 South, Range 38 East.

4. Gas-oil ratio limitations have been removed in the Sawyer San Andres Oil Pool but a limiting ratio of 2000 to 1 exists in the Sawyer South San Andres Oil Pool.
5. All of the area described in the caption hereof is a common resevoir containing predominately gas, and should be designated as a gas pool.
6. If the pools are retained as separate oil pools the gas-oil ratio limitation should be removed in the Sawyer South San Andres Pool.
7. If the pools are combined into one oil pool, the gas-oil ratio limitation should be removed.

WHEREFORE:

Applicant requests the Commission to set this matter down before an Examiner or before the Commission; to publish notice as required by law; and, after hearing, to enter its order:

1. Abolishing the Sawyer San Andres and Sawyer South San Andres Oil Pools and creating the Sawyer San Andres Gas Pool comprised as set out in the caption hereof, and establishing pool rules; or, in the alternative,
2. Extend the limits of the Sawyer South San Andres Oil Pool to include the NE $\frac{1}{4}$ of Section 6, S $\frac{1}{2}$ of Section 5 and NW $\frac{1}{4}$ of Section 4, Township 10 South, Range 38 East and remove all gas-oil ratio limitations from such pool, as extended; or, in the alternative,

3. Combine the Sawyer San Andres and Sawyer South San Andres Oil Pools (as extended) and create a new oil pool, encompassing all of the presently defined pools and the extension of the Sawyer South San Andres Pool, together with all lands lying between said pools and removing all gas-oil ratio limitations from such new pool.

Respectfully submitted,

SOUTHWESTERN HYDROCARBON COMPANY

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DATED: August 21, 1959