

BEFORE THE OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR THE
PURPOSE OF CONSIDERING:

CASE NO. 962

THE APPLICATION OF HUMBLE OIL &
REFINING COMPANY FOR APPROVAL OF THE
SOUTH FOUR LAKES UNIT AGREEMENT EM-
BRACING 1,760.46 ACRES, MORE OR LESS,
LEA COUNTY, NEW MEXICO, WITHIN TWPS.
11 AND 12 A., RGE. 34 E., N.M.P.M.

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Comes the undersigned, the Humble Oil & Refining Company, a corporation with offices at Houston, Texas, and files herewith three copies of the proposed Unit Agreement for the Development and Operation of the South Four Lakes Unit Area, Lea County, New Mexico, and hereby makes application for the approval of said Unit Agreement as provided by law, and in support thereof, shows:

1. That the proposed unit area covered by said agreement embraces 1,760.46 acres, more or less, more particularly described as follows:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

T. 11 S., R. 34 E.

Sec. 35: All
Sec. 36: $W\frac{1}{2}$

T. 12 S., R. 34 E.

Sec. 1: Lots 3 and 4, $S\frac{1}{2}NW\frac{1}{4}$
Sec. 2: All

2. That the lands embraced within the proposed unit area are all State lands.

3. That applicant is informed and believes, and upon such information and belief, states: That the proposed unit area covers substantially all of the geological feature involved, and in the event of the discovery of oil or gas thereon, that said unit agreement will permit the producing area to be developed and operated in the interest of conservation and the prevention of waste of the unitized substances.

4. That the Humble Oil & Refining Company is designated as unit operator in said unit agreement, and as such is given authority under the terms thereof to carry on all operations necessary for the develop-

ment and operation of the unit area for oil and gas, subject to all applicable laws and regulations. That said unit agreement provides for the commencement of a test well for oil and gas upon some part of the lands embraced in the unit area on or before November 9, 1955 and for the drilling thereof with due diligence, to a depth sufficient to test the Devonian formation or to such a depth as unitized substances shall be discovered in paying quantities if at a lesser depth; provided, however, operator is not required in any event to drill said well to a depth in excess of 13,500 feet.

5. That said unit agreement is in substantially the same form as unit agreements heretofore approved by the Commissioner of Public Lands of the State of New Mexico and by the New Mexico Oil Conservation Commission, and it is believed that in the event oil or gas in paying quantities is discovered on the lands within the unit area, that the field or area can be developed more economically and efficiently under the terms of said agreement, to the end that the maximum recovery will be obtained, and that said unit agreement is in the interest of the conservation of oil and gas and the prevention of waste as contemplated by the New Mexico Oil Conservation Commission statutes.

6. That application is being made for the approval of said unit agreement by the Commissioner of Public Lands of the State of New Mexico.

7. That upon an order being entered by the New Mexico Oil Conservation Commission approving said unit agreement and after approval thereof by the Commissioner of Public Lands of the State of New Mexico, an approved copy thereof will be filed with the New Mexico Oil Conservation Commission.

WHEREFORE, the undersigned applicant respectfully requests that a public hearing be held on the matter of the approval of said unit agreement and that upon said hearing, said unit agreement be approved by the New Mexico Oil Conservation Commission as being in the interest of conservation and prevention of waste.

DATED this the 21st day of September, 1955.

Respectfully submitted,

HUMBLE OIL & REFINING COMPANY

By

Raymond A. Aldron

MAIN OFFICE OCC

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BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF HUMBLE OIL &
REFINING COMPANY FOR APPROVAL
OF AMENDMENT OF SOUTH FOUR
LAKES UNIT AGREEMENT TO ENLARGE
THE UNIT AREA TO INCLUDE THE
N $\frac{1}{2}$ SW $\frac{1}{4}$ of SECTION 1, TOWNSHIP 12
SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

To the New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Comes the undersigned, Humble Oil & Refining Company, a corporation with offices at Houston, Texas, and hereby makes application for approval of an amendment to the unit agreement for the development and operation of the South Four Lakes Unit Area, Lea County, New Mexico, for the purpose of expanding the unit area to include the following described lands situated in Lea County, New Mexico, to-wit:

Township 12 South, Range 34 East, N.M.P.M.

Section 1: N $\frac{1}{2}$ SW $\frac{1}{4}$

In support of said application applicant respectfully shows:

1. That the unit agreement for the development and operation of the South Four Lakes Unit Area, Lea County, New Mexico, made and entered into on the 1st day of September, 1955, embraces the following described land situated in said county, to-wit:

Township 11 South, Range 34 East, N.M.P.M.

Section 35: All
Section 36: W $\frac{1}{2}$

Township 12 South, Range 34 East, N.M.P.M.

Section 1: Lots 3 and 4, S $\frac{1}{2}$ NW $\frac{1}{4}$
Section 2: All

containing 1,760.46 acres, more or less

That all of the above described lands are lands of the State of New Mexico.

2. That the above described unit agreement was approved by the New Mexico Oil Conservation Commission in principle and as a proper conservation measure after a hearing thereon on the 20th day of October, 1955, and by the Commissioner of Public Lands of the State of New Mexico on the 20th day of October, 1955.

3. That a total of five wells have been drilled within the unit area capable of producing unitized substances in paying quantities and that from the geological information obtained in the drilling of said wells it is believed that the $N\frac{1}{2}SW\frac{1}{4}$ of Section 1, Township 12 South, Range 34 East, N.M.P.M. has reasonably been proved to be productive of unitized substances in paying quantities and that it is in the interest of conservation and the prevention of waste that said 80-acre tract be included within the unit area and that the unit agreement be amended so as to provide for the expansion of said unit area to include the same. That said 80-acre tract is also State land and the inclusion thereof in said unit area will be subject to approval of the Commissioner of Public Lands of the State of New Mexico.

WHEREFORE, the undersigned respectfully requests that a public hearing be held on the matter of the amendment of said unit agreement for the purpose of expanding the unit area to include the 80-acre tract hereinabove referred to and that said amendment be approved by the New Mexico Oil Conservation Commission as being in the interest of conservation and the prevention of waste.

DATED this the 3rd day of October, 1958.

Respectfully submitted,

HUMBLE OIL & REFINING COMPANY

By R. M. Richardson