

March 25
Examiner

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

APPLICATION OF HUMBLE OIL &
REFINING COMPANY TO RECLASSIFY
THE FOUR LAKES-DEVONIAN (OIL)
POOL LOCATED IN LEA COUNTY,
NEW MEXICO, AS A GAS POOL:

CASE NO. 162-1

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

Comes the undersigned, the Humble Oil & Refining Company, and hereby makes application to reclassify the Four Lakes-Devonian (Oil) Pool situated in Lea County, New Mexico, as a gas pool in accordance with Rule 5 of the Rules of the Oil Conservation Commission and in support thereof respectfully shows:

1. That on or about June 27, 1958, applicant requested a hearing before the Oil Conservation Commission to reclassify the Four Lakes-Devonian (Oil) Pool as a gas pool and thereafter a hearing was held before the Commission in Case No. 1480 pursuant to which Order R-1221-A was entered by the Commission on August 13, 1958, ordering the Four Lakes-Devonian Pool to be continued and prorated as an oil pool.

2. That since the above hearing considerable additional fluid sampling and laboratory work has been performed to determine whether or not the reservoir is technically a gas pool or an oil pool. Because of the additional information which has been obtained, applicant is now prepared to offer what applicant believes to be positive evidence that the Four Lakes-Devonian reservoir is in fact a gas pool and that fluid exists in a gaseous phase at reservoir conditions of pressure and temperature.

3. That the present horizontal limits of the Four Lakes-Devonian Pool are as follows:

Docket marked
3-11-59 BP

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

Section 35: SE $\frac{1}{4}$

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

Section 1: NW $\frac{1}{4}$

Section 2: NE $\frac{1}{4}$

4. Three Devonian wells have been completed within the horizontal limits of the pool as above set forth and a fourth well projected for completion in the Devonian formation is now being drilled within said limits.

5. That it is believed to be for the best interest of all concerned and in the interest of conservation and the prevention of waste that said field or pool be redefined as a gas pool.

Respectfully submitted,

HUMBOLDT OIL & REFINING COMPANY

By 

HERVEY, DOW & HINKLE

By 

Roswell, New Mexico

Attorneys for applicant