

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE  
STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
CONTINENTAL OIL COMPANY FOR AUTHORITY  
TO INSTALL AND OPERATE A WATERFLOOD  
PROJECT ON THE ANDERSON RANCH UNIT,  
ANDERSON RANCH-WOLFCAMP POOL LOCATED  
IN SECTIONS 2 AND 11, TOWNSHIP 16 SOUTH,  
RANGE 32 EAST, LEA COUNTY, NEW MEXICO

*Case 4236*

A P P L I C A T I O N

Comes now Applicant, Continental Oil Company, and respectfully requests authority to install and operate a waterflood on its Anderson Ranch Unit in the Anderson Ranch-Wolfcamp Pool, located in Sections 2 and 11, T16S, R32E, Lea County, New Mexico, and in support thereof Applicant would show:

1. That the attached plat, marked Exhibit 1, shows the Anderson Ranch Unit, the wells thereon, the proposed injection wells and the area two miles radius therefrom.
2. That production from the Anderson Ranch-Wolfcamp Pool is at an advanced stage of depletion and that recovery by primary methods is at or near the economic limit.
3. That engineering investigations indicate that waterflooding the Anderson Ranch-Wolfcamp Pool will be physically and economically feasible.
4. That applicant proposes to inject water into the following wells:

<u>Wells</u>	<u>Location</u>
Anderson Ranch Unit No. 4	Unit B-11-16S-32E
Anderson Ranch Unit No. 5	Unit J-11-16S-32E

5. That the proposed injection wells will be equipped as shown on the schematic diagrams attached hereto and marked Exhibits 2 and 3.

DOCKET MAILED

Date 10-9-69

6. That applicant proposes to inject a total of approximately 3200 barrels of produced water per day into the two proposed injection wells on a modified crestal pattern. Said water is being produced from the Anderson Ranch-Devonian and Anderson Ranch-Wolfcamp Pools.
7. That the said waterflood will be installed and operated in conformance with Rule 701E.
8. That the proposed secondary recovery will result in the recovery of hydrocarbons which would not be recovered by primary methods and is therefore in the interest of conservation and prevention of waste.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing before the Commission's duly appointed Examiner and that upon hearing, an order be entered granting authority to install and operate a waterflood within the Anderson-Ranch Wolfcamp Pool as described herein-above.

Respectfully submitted,



G. C. JAMIESON  
Assistant Division Manager