

# Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800  
HOUSTON, TEXAS 77046

February 2, 1977

New Mexico Oil Conservation  
Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico

Attn: Mr. Joe D. Ramey

7.01  
APPLICATION FOR ADMINISTRATIVE  
APPROVAL TO CONVERT TO WATER  
INJECTION SERVICE  
MOBIL OIL CORPORATION'S  
DENTON NORTH WOLFCAMP UNIT  
WELL #5-10 (TRACT 5, WELL #10)  
DENTON WOLFCAMP POOL  
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests administrative approval to convert the subject well to a water injection well under the provision of Rule 701.E.4 of the Commission's Rules and Regulations. Well #5-10 is located in Unit K, 1980' FSL and 2130' FWL of Sec. 35, T14S, R37E, Lea County, New Mexico.

Order No. R-3001, dated November 23, 1965, authorized Mobil Oil Corporation to institute a waterflood project known as the Denton North Wolfcamp Unit. This order also approved the use of certain wells as water injection wells. Mobil now desires to convert the subject well, which was not included in the original order, to a water injection well. The use of this well for injection service will flood an area of the reservoir not previously affected. This program will result in the recovery of hydrocarbons that might otherwise be left in place.

In support of this request, the following documents are submitted in triplicate:

1. A map showing all Wolfcamp wells within a 2 mile radius of the subject well;
2. A plat of the Denton North Wolfcamp Unit;
3. A log of the subject well; and
4. A diagrammatic wellbore sketch of Well #5-10.

RELEASED

FEB 7 1971

OIL CONSERVATION COMM.  
HOBBS, N. M.