



L. P. Thompson
Division Manager
Production Department
Hobbs Division

Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

April 28, 1977

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention Mr. J. D. Ramey, Secretary-Director

Gentlemen:

Application for Authority to Expand North El Mar Unit Waterflood Project
for NEMU No. 62

Continental Oil Company by virtue of Order Nos. R-3486, R-3540, and R-4629 has received authority to inject water into the Delaware sand in the wells on its North El Mar Unit in Township 26 South, Ranges 32 and 33 East, Lea County, New Mexico.

Continental now wishes to expand this waterflood project by adding as an injection well North El Mar Unit No. 62 located 330 feet from the south line and 330 feet from the east line of Section 36, Township 26 South, Range 32 East. This well has been drilled specifically for injection in accordance with a lease line agreement negotiated with Texaco, Inc. for cooperative flooding with the El Mar (Delaware) Unit in Loving County, Texas.

The attached plat shows the injection wells by the triangular symbol and an arrow pointing to the well for which permission to inject is requested in this application.

A portion of the acoustilog showing the injection interval is also attached. The gross injection interval is 4618-4660 feet.

A schematic diagram is attached showing the casing, tubing, setting depth, volumes and top of cement, packer type and setting depth. This diagram shows the manner in which the well will be equipped for injection. Injection volumes and pressures will be the same as were authorized in the Orders mentioned above.