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New Mexico Oil Conservation Commission(3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter Jr. Secretary-Director

Gentlemen:

Application To Expand North El Mar Unit Waterflood, Lea County, New Mexico

Order No. R-3540 authorized the injection of water into the Delaware Sand in two wells which are now within the North El Mar Unit. Order No. R-4629 approved the North El Mar Unit Agreement and authorized the expansion of the waterflood by the addition of 27 water injection wells. It is now proposed to add an additional well, North El Mar Unit Well No. 58, located 770' FNL and 990' FWL of Section 36, T-26S, R-36E, Lea County, New Mexico. The purpose of this well is to improve the sweep pattern in the unconventional well spacing pattern existing in Section 36.

The attached plat shows the location of the North El Mar Unit and the wells therein with the proposed additional injection well designated in red. The attached schematic diagram shows the manner in which the well will be equipped for injection purposes. The annular space between tubing and casing will be filled with an inert fluid and the surface connections equipped in such a manner that any change in pressure will be readily detectable.

Since the location of the well is more than a quarter-mile from the unit boundary, it is respectfully requested that immediate authority to expand the waterflood by the addition of this injection well be given.

Yours very truly,

*L. P. Thompson*

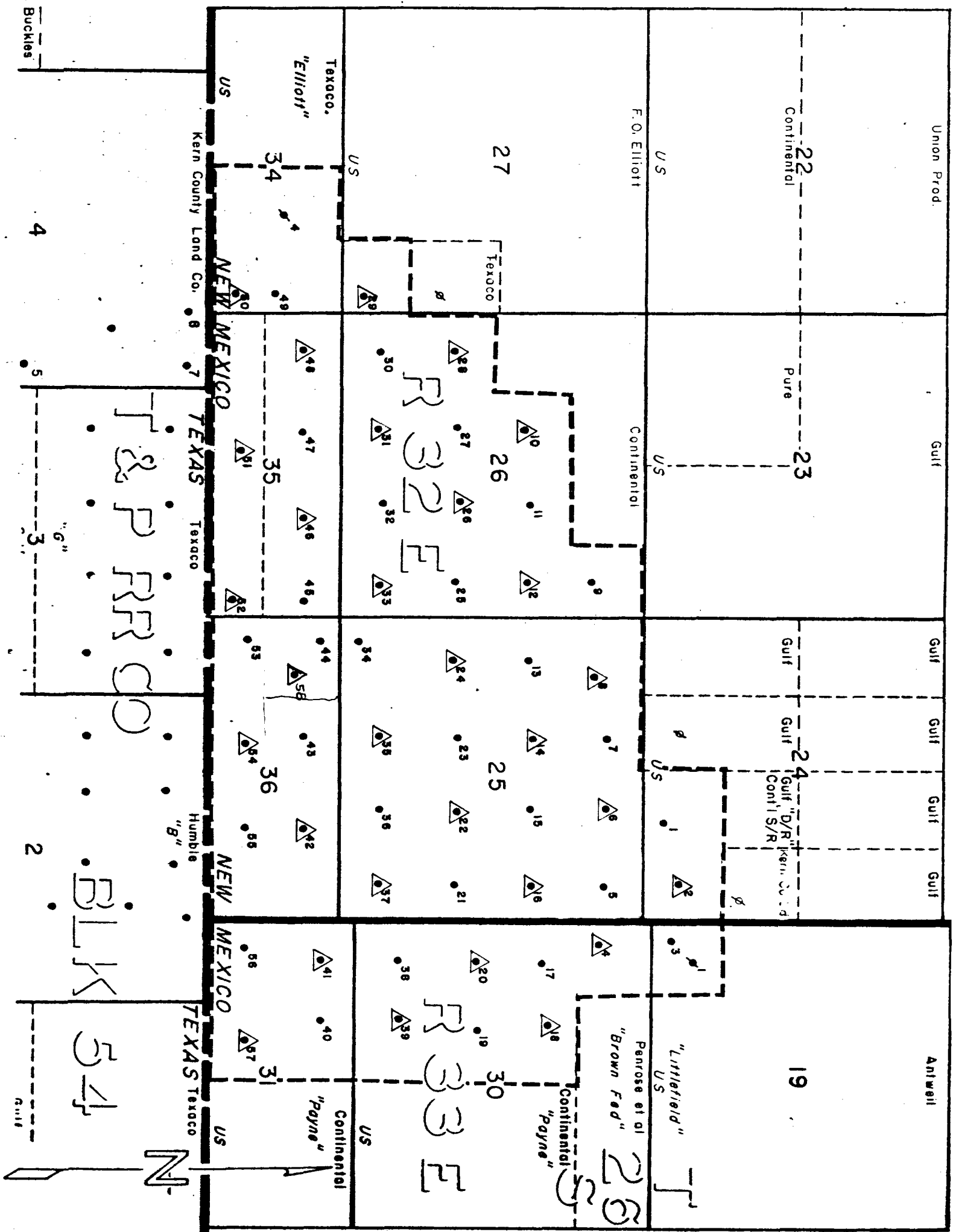
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**CONOCO**

PRODUCTION DEPARTMENT  
HOBBS DIVISION

**NORTH EL MAR UNIT**  
 LEA COUNTY, NEW MEXICO

SCALE  
0' 1000' 2000'



NORTH EL MAR UNIT NO. 58  
UNIT "D" - 770' FNL & 990' FWL  
SEC. 36, T26S, R32E - LEA COUNTY,  
NEW MEXICO

