

Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

March 21, 1977

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

Attn: Mr. Joe D. Ramey

7.01 APPLICATION FOR APPROVAL
TO CONVERT TO INJECTION WELLS,
NORTH VACUUM ABO UNIT WELLS
NO. 228 & 231, VACUUM, NORTH
(ABO) POOL, LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests administrative approval to convert the North Vacuum Abo Unit Wells No. 228 & 231 to injection wells. These wells are located as follows:

WELL NO.	LOCATION			
	<u>Unit Letter</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
228	N	10	17-S	34-E
231	P	13	17-S	34-E

Order No. R-4430, dated September 27, 1972, authorized Mobil Oil Corporation to institute pressure maintenance operations in the North Vacuum Abo Unit by the injection of gas and water into the Abo formations through certain wells. This order also gave the Secretary-Director the authority to approve the conversion of additional wells to injection service. The subject wells were not approved as injection wells by Order R-4430, since they were brought into the unit by an expansion which became effective November 1, 1976. The Commission approved this unit expansion by letter dated October 31, 1976.

In support of this application the following items are submitted:

1. Plat showing the proposed injection wells;
2. Diagrammatic wellbore sketch of each well; and
3. Log of each well with the injection interval indicated.