



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

February 23, 1988

Mobil Exploration and Production Company
P.O. Box 633
Midland, TX 79702

Attention: M.E. Sweeney

RE: Injection Pressure Increase
North Vacuum Abo Unit
Lea County, New Mexico

Dear Sir:

Reference is made to your request dated February 10, 1988, to increase the surface injection pressure on three wells within the North Vacuum Abo Unit. This request is based on step rate tests conducted on these wells on January 27 and 28, 1988. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells:

<u>WELL & LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 152 Unit D, Section 13, Township 17 South, Range 34 East, NMPM;	2450 PSIG
NVAU Well No. 163 Unit J, Section 15, Township 17 South, Range 34 East, NMPM;	3670 PSIG
NVAU Well No. 170 Unit D, Section 14, Township 17 South, Range 34 East, NMPM;	3970 PSIG

All in Lea County, New Mexico

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,



for William J. LeMay
Director

xc: OCD - Hobbs
D. McDonald
D. Catanach

File: ~~WEX - 100~~; PMX - 140