

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



June 2, 1987

GARREY CARRUTHERS  
GOVERNORPOST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mobil Producing Texas &  
New Mexico, Inc.  
P. O. Box 633  
Midland, Texas 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 May 27, 1987, to increase the surface injection pressure on four wells in the North Vacuum Abo Unit Pressure Maintenance Project. This request is based on step rate tests conducted on these wells on May 20, 1987. 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.

<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
N. Vacuum Abo Unit No. 112 Unit J, Sec. 26, T-17 South R-34 East, NMPPM	3620 PSIG
N. Vacuum Abo Unit No. 116 Unit L, Sec. 24, T-17 South R-34 East, NMPPM	2970 PSIG
N. Vacuum Abo Unit No. 139 Unit L, Sec. 14, T-17 South R-34 East, NMPPM	2970 PSIG
N. Vacuum Abo Unit No. 163 Unit J, Sec. 15, T-17 South R-34 East, NMPPM	2925 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,

WILLIAM J. LEMAY,  
Director

WJL/DRC/dr

cc: OCD - Hobbs  
Files - PMX-138, WFX-557  
D. Catanach  
D. McDonald