

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



May 18, 1987

GARREY CARRUTHERS  
GOVERNORPOST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 627-5600

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 of April 13, 1987 to increase the surface injection pressure on four wells in the North Vacuum Abo Unit. This request is based on step rate tests conducted on the wells on April 7, 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.

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

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
N. Vacuum Abo Unit No. 143 660' FNL & 1780' FEL, (Unit B) Sec. 27, T-17-S, R-34-E, NMPM	2970 PSIG
N. Vacuum Abo Unit No. 149 1980' FSL & 1780' FEL, (Unit J) Sec. 27, T-17-S, R-34-E, NMPM	2760 PSIG
N. Vacuum Abo Unit No. 203 660' FNL & 1780' FEL, (Unit B) Sec. 22, T-17-S, R-34-E, NMPM	3055 PSIG
N. Vacuum Abo Unit No. 209 1980' FSL & 1780' FEL (Unit J) Sec. 22, T-17-S, R-34-E, NMPM	3405 PSIG

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 it is endangering any fresh water aquifers.

Sincerely,

WILLIAM J. LEMAY,  
Director

WJL/DC/dr

xc: OCD - Hobbs  
D. McDonald  
File - WFX-557  
D. Catanach