

## ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION



April 1, 1987

GARREY CARRUTHERS  
GOVERNORPOST OFFICE BOX 2098  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800Mobil Producing Texas &  
New Mexico Inc.  
P.O. Box 633  
Midland, Texas 79702

Attn: M. E. Sweeney

Re: Injection Pressure Increase  
North Vacuum Abo Unit Well  
Nos. 98 & 138 Lea County, New  
Mexico

Dear Sir:

Reference is made to your request of March 23, 1987 to increase the surface injection pressure on two wells within the North Vacuum Abo Unit. This request is based on step rate tests conducted on the wells on March 17, 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.

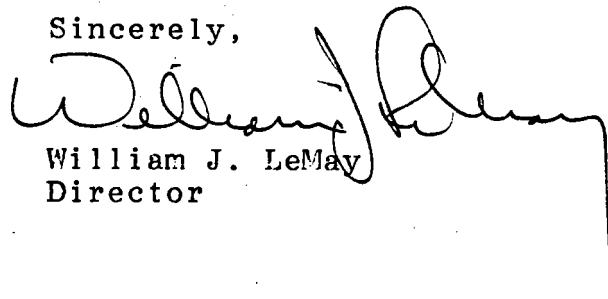
You are therefore authorized to increase your surface injection pressure on the following wells:

<u>Well &amp; Location</u>	<u>Maximum Injection Surface Pressure</u>
N. Vacuum Abo Unit No. 98 1980 FSL & 1780 FEL (Unit J) Section 26, T-17S, R-34E	3360 PSIG
N. Vacuum Abo Unit No. 138 860 FEL & 1980 FSL (Unit I) Section 26, T-17S, R-34E	3150 PSIG

Both 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 it is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in dark ink, appearing to read 'William J. LeMay', with a long, sweeping horizontal line extending to the right.

William J. LeMay  
Director

RLS/DRC/et

cc: Oil Conservation Division - Hobbs  
PMX-138  
D. McDonald  
✓ D. Catanach