

## ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNORPDEV0020700138  
PDEV0020700140  
PDEV0020600557POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

June 22, 1988

Mobil Exploration and Producing U.S., Inc.  
P.O. Box 633  
Midland, TX 79702

Attention: M.E. Sweeney

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

Dear Mr. Sweeney:

Reference is made to your request dated June 1, 1988, to increase the surface injection pressure on 4 wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells on May 25 and 26, 1988. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

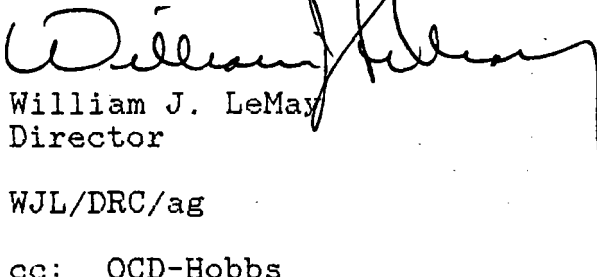
You are therefore authorized to increase the surface injection pressure on the following wells.

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 98 Unit J, Section 26, T-17 South, R-34 East	3795 PSIG
NVAU Well No. 129 Unit B, Section 23, T-17 South, R-34 East	4110 PSIG
NVAU Well No. 138 Unit I, Section 26, T-17 South, R-34 East	4020 PSIG
NVAU Well No. 214 Unit D, Section 11, T-17 South, R-34 East	2810 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 fresh water aquifers.

Sincerely,

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

William J. LeMay  
Director

WJL/DRC/ag

cc: OCD-Hobbs  
File: PMX-138, 140; WFX-557  
D. Catanach  
D. McDonald