



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

June 7, 1989

Mobil Exploration & 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 May 12, 1989, to increase the surface injection pressure on four wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells during April and May, 1989. 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.

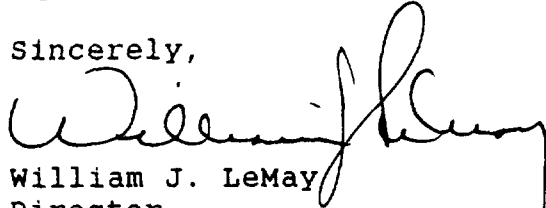
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
North Vacuum Abo Unit Well No. 121 Unit L, Section 13, T-17 South, R-34 East, NMPM;	3450 PSIG
North Vacuum Abo Unit Well No. 158 Unit J, Section 12, T-17 South, R-34 East, NMPM;	3910 PSIG
North Vacuum Abo Unit Well No. 203 Unit B, Section 22, T-17 South, R-34 East, NMPM; and	3920 PSIG
North Vacuum Abo Unit Well No. 204 Unit D, Section 24, T-17 South, R-34 East, NMPM,	4275 PSIG

All in Lea County, New Mexico.

Injection Pressure Increase  
Mobil Exploration and Producing, U.S., Inc.  
June 7, 1989  
Page 2

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,

A handwritten signature in dark ink, appearing to read 'William J. LeMay', is written over the typed name and title. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

William J. LeMay  
Director

cc: OCD - Hobbs  
File: WFX-557  
PMX-140  
T. Gallegos  
D. Catanach