

## ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION



GARREY CARRUTHERS  
GOVERNOR

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STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

February 12, 1988

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

PDEV0020700138  
PDEV0020700140  
PDEV0020600557

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 January 18, 1988, to increase the surface injection pressure on five wells located within the North Vacuum Abo Unit. This request is based on step rate tests conducted on these wells January 6, 1988. 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.

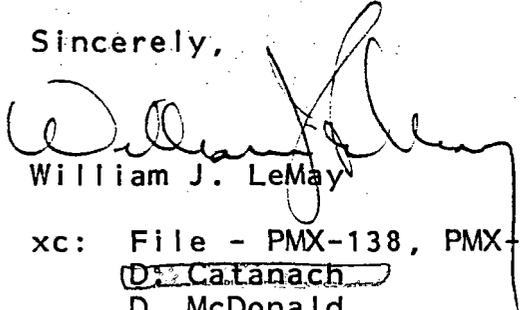
<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 112 Unit D, Section 25, Township 17 South, Range 34 East;	3960 PSIG
NVAU Well No. 116 Unit L, Section 24, Township 17 South, Range 34 East;	3790 PSIG
NVAU Well No. 137 Unit B, Section 26, Township 17 South, Range 34 East;	3600 PSIG
NVAU Well No. 139 Unit L, Section 14, Township 17 South, Range 34 East;	3625 PSIG

NVAU Well No. 146  
Unit B, Section 14,  
Township 17 South, Range 34 East.

3420 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 is endangering any fresh water aquifers.

Sincerely,



William J. LeMay

xc: File - PMX-138, PMX-140, WFX-557

~~D. Catanach~~  
D. McDonald  
OCD - Hobbs