

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS  
GOVERNOR

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STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

August 11, 1987

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

Attention: M.E. Sweeney

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

Dear Sir:

Reference is made to your request dated July 6, 1987, 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 on June 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.

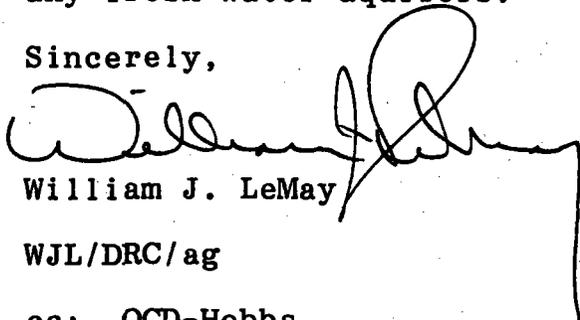
You are therefore authorized to increase the surface injection pressure on the following wells.

<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 158 Unit J, Section 12	2950 PSIG
NVAU Well No. 160 Unit B, Section 12	2780 PSIG
NVAU Well No. 200 Unit L, Section 2	3020 PSIG
NVAU Well No. 224 Unit B, Section 11	2620 PSIG

All in Township 17 South, Range 34 East, NMPM, 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 any fresh water aquifers.

Sincerely,

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

William J. LeMay

WJL/DRC/ag

cc:  OCD-Hobbs  
 D. Catanach  
 D. McDonald  
File - PMX-140