



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

April 4, 1988

Mobil Exploration and Production, 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 Sir:

Reference is made to your request dated March 7, 1988, to increase the surface injection pressure on seven wells in the North Vacuum Abo Unit. This request is based on a step rate test conducted on these wells on February 16-19, 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 wells described on Exhibit "A" attached to this order.

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".

William J. LeMay

WJL/DRC/ag

xc: D. Catanach  
D. McDonald  
PMX-138  
PMX-140  
WFX-557

EXHIBIT "A"

<u>WELL LOCATION</u>	<u>MAXIMUM SURFACE INJECTION PRESSURE</u>
NVAU Well No. 142 Unit J, Section 14, T-17S, R-34E	3520 PSIG
NVAU Well No. 149 Unit J, Section 27, T-17S, R-34E	3150 PSIG
NVAU Well No. 164 Unit B, Section 15, T-17S, R-34E	3612 PSIG
NVAU Well No. 201 Unit J, Section 10, T-17S, R-34E	2779 PSIG
NVAU Well No. 203 Unit B, Section 22, T-17S, R-34E	3550 PSIG
NVAU Well No. 205 Unit B, Section 24, T-17S, R-34E	4174 PSIG
NVAU Well No. 210 Unit L, Section 23, T-17S, R-34E	3600 PSIG

ALL WELLS IN LEA COUNTY, NEW MEXICO