

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION


 PDEV0020700140  
 PDEV0020600557

 GARREY CARRUTHERS  
 GOVERNOR

 POST OFFICE BOX 3088  
 STATE LAND OFFICE BUILDING  
 SANTA FE, NEW MEXICO 87501  
 (505) 827-5800

July 7, 1987

 Mobil Producing Texas & New Mexico, 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 June 9, 1987, to increase the surface injection pressure on four wells within the North Vacuum Abo Unit Waterflood Project. This request is based on a step rate test conducted on these wells on June 3, 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.

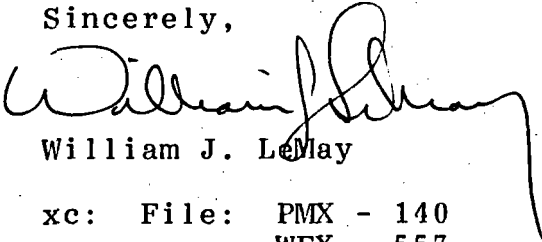
<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
N. Vacuum Abo Unit No. 142 1807' FSL & 1880' FEL (Unit J) Sec. 14, T-17S, R-34E, NMPPM	3190 PSIG
N. Vacuum Abo Unit No. 146 534' FNL & 2134' FEL (Unit B) Sec. 14, T-17S, R-34E, NMPPM	2930 PSIG
N. Vacuum Abo Unit No. 164 660' FNL & 1980' FEL (Unit B) Sec. 15, T-17S, R-34E, NMPPM	3280 PSIG
N. Vacuum Abo Unit No. 170 660' FNL & 740' FWL (Unit D) Sec. 14, T-17S, R-34E, NMPPM	3225 PSIG

Page 2

Injection Pressure Increase

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 - 140  
WFX - 557

OCD - Hobbs

D. McDonald

D. Catanach ✓