

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNORPOST OFFICE BOX 2088  
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.

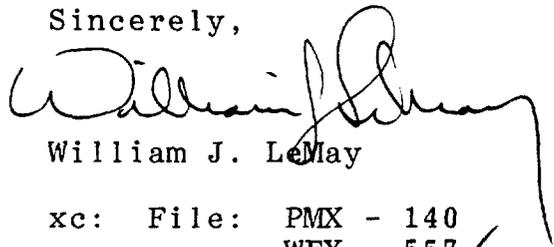
You are therefore authorized to increase the surface injection pressure on the following wells.

<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

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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