

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.

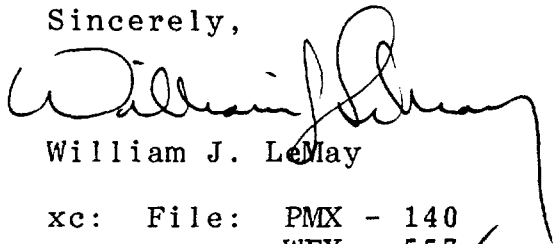
<u>WELL & LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
N. Vacuum Abo Unit No. 142 1807' FSL & 1880' FEL (Unit J) Sec. 14, T-17S, R-34E, NMPM	3190 PSIG
N. Vacuum Abo Unit No. 146 534' FNL & 2134' FEL (Unit B) Sec. 14, T-17S, R-34E, NMPM	2930 PSIG
N. Vacuum Abo Unit No. 164 660' FNL & 1980' FEL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

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in dark ink and is positioned above the printed name.

William J. LeMay

xc: File: PMX - 140
WFX - 557 ✓

OCD - Hobbs
D. McDonald
D. Catanach