

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



May 18, 1987

GARREY CARRUTHERS
GOVERNORPOST OFFICE BOX 2086
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 627-5600Mobil Producing Texas &
New Mexico, Inc.
P. O. Box 633
Midland, Texas 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 of April 13, 1987 to increase the surface injection pressure on four wells in the North Vacuum Abo Unit. This request is based on step rate tests conducted on the wells on April 7, 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 your surface injection pressure on the following wells:

WELL AND LOCATIONMAXIMUM INJECTION
SURFACE PRESSUREN. Vacuum Abo Unit No. 143
660' FNL & 1780' FEL, (Unit B)
Sec. 27, T-17-S, R-34-E, NMPPM

2970 PSIG

N. Vacuum Abo Unit No. 149
1980' FSL & 1780' FEL, (Unit J)
Sec. 27, T-17-S, R-34-E, NMPPM

2760 PSIG

N. Vacuum Abo Unit No. 203
660' FNL & 1780' FEL, (Unit B)
Sec. 22, T-17-S, R-34-E, NMPPM

3055 PSIG

N. Vacuum Abo Unit No. 209
1980' FSL & 1780' FEL (Unit J)
Sec. 22, T-17-S, R-34-E, NMPPM

3405 PSIG

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 it is endangering any fresh water aquifers.

Sincerely,

WILLIAM J. LEMAY,
Director

WJL/DC/dr

xc: OCD - Hobbs
D. McDonald
File - WFX-557
D. Catanach