

David C.

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

PDEV0020700138

GARREY CARRUTHERS
GOVERNOR

May 22, 1987

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

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 April 7, 1987, to increase the surface injection pressure on four wells within the North Vacuum Abo Unit. This request is based on step rate tests conducted on these wells on March 25, 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. 136 660 FNL & 860 FWL (Unit D) Section 26, T-17 South, Range-34 East. | 2550 PSIG |
| N. Vacuum Abo Unit No. 137 660 FNL & 2130 FEL (Unit B) Section 26, T-17 South, Range-34 East | 3130 PSIG |
| N. Vacuum Abo Unit No. 156 1893 FSL & 1800 FEL (Unit J) Section 23, T-17 South, Range 34 East | 2995 PSIG |

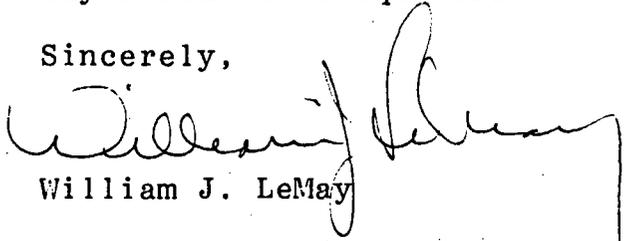
Page 2

N. Vacuum Abo Unit No. 210
1840 FSL & 800 FWL (Unit L)
Section 23, T-17 South,
Range 34 East

3440 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 is endangering any fresh water aquifers.

Sincerely,



William J. LeMay

WJL/ag

xc: OCD - Hobbs
 File - PMX - 138
 D. Catanach
 D. McDonald