



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

PDEV0020600557
PDEV0020700140

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

September 21, 1988

Mobil Exp & Prod. U.S., 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 Mr. Sweeney:

Reference is made to your request dated July 15, 1988, to increase the surface injection pressure on three wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells on June 22-23, 1988. 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.

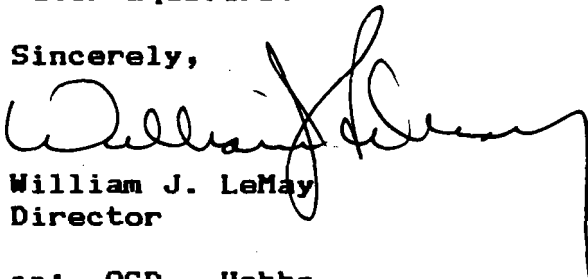
You are therefore authorized to increase the surface injection pressure on the following wells.

| <u>WELL AND LOCATION</u> | <u>MAXIMUM INJECTION SURFACE PRESSURE</u> |
|--|---|
| N. Vacuum Abo Unit Well No. 131 Unit B, Section 10, T-17 South, R-34 East, NMPM, Lea County, New Mexico | 3450 PSIG |
| N. Vacuum Abo Unit Well No. 160 Unit B, Section 12, T-17 South, R-34 East, NMPM, Lea County, New Mexico | 3530 PSIG |
| N. Vacuum Abo Unit Well No. 230 Unit J, Section 13, T-17 South, R-34 East, NMPM, Lea County, New Mexico | 4010 PSIG |

Injection Pressure Increase
North Vacuum Abo Unit
Page No. 2

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 dark ink, appearing to read 'William J. LeMay', is written over the typed name and title.

William J. LeMay
Director

cc: OCD - Hobbs
D. Catanach
D. McDonald
File: WFX-557
PMX-140