



## ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION

PDEV0020800557  
PDEV0020700140GARREY CARRUTHERS  
GOVERNORPOST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

June 6, 1988

Mobil Exploration and Producing U.S., Inc.  
P.O. Box 633  
Midland, TX 79702

Attention: M.E. Sweeney

RE: Injection Pressure Increase  
N. Vacuum Abo Unit  
Lea County, New Mexico

Dear Sir:

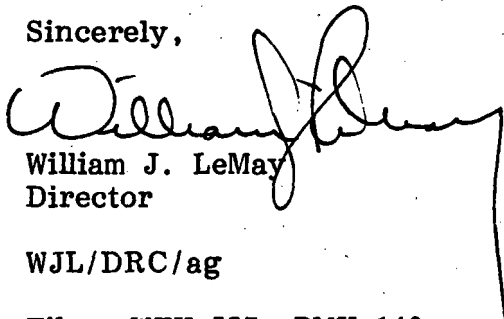
Reference is made to your request dated May 18, 1988, to increase the surface injection pressure on two wells within the North Vacuum Abo Unit Waterflood Project. This request is based on a step rate test conducted on these wells during March and April, 1988. The results of the tests have been reviewed 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 &amp; LOCATION</u>  | <u>MAXIMUM INJECTION<br/>SURFACE PRESSURE</u> |
|---|---|
| N. Vacuum Abo Unit No. 143<br>Unit B, Section 27, T-17 South,<br>R-34 East, | 3619 PSIG                                     |
| N. Vacuum Abo Unit No. 158<br>Unit J. Section 12, T-17 South,<br>R-34 East, | 3530 PSIG                                     |
| Both in Lea County, New Mexico  |   |

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', with a long vertical line extending downwards from the end of the signature.

William J. LeMay  
Director

WJL/DRC/ag

File: WFX-557, PMX-140

D. McDonald

D. Catanach

Oil Conservation Division - Hobbs