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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

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

March 3, 1989

Mobil Exploration & Production 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 February 9, 1989, to increase the surface injection pressure on four wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells during January, 1989. 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.

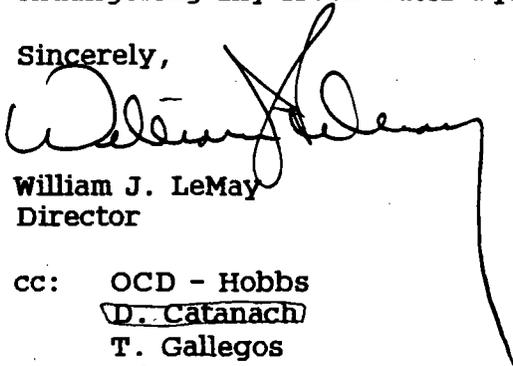
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 142 Unit J, Section 14, T-17 South, R-34 East, NMPM	3790 PSIG
NVAU Well No. 146 Unit B, Section 14, T-17 South, R-34 East, NMPM	3690 PSIG
NVAU Well No. 152 Unit B, Section 13, T-17 South, R-34 East, NMPM	3420 PSIG
NVAU Well No. 164 Unit B, Section 14, T-17 South, Range 34 East, NMPM	4030 PSIG

All in Lea County, New Mexico.

Injection Pressure Increase
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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 black ink, appearing to read "William J. LeMay". The signature is written in a cursive style and is positioned above the typed name and title.

William J. LeMay
Director

cc: OCD - Hobbs
D. Catanach
T. Gallegos
File: WFX-557, PMX-140