



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

April 12, 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 March 6, 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 February, 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.

WELL AND LOCATION

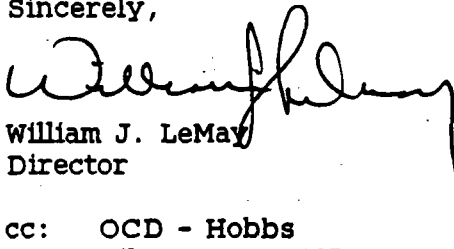
MAXIMUM INJECTION  
SURFACE PRESSURE

NVAU Well No. 143 Unit B, Section 27, T-17S, R-34E, NMPM;	3875 PSIG
NVAU Well No. 149 Unit J, Section 27, T-17S, R-34E, NMPM;	3650 PSIG
NVAU Well No. 163 Unit J, Section 15, T-17S, R-34E, NMPM; and	4000 PSIG
NVAU Well No. 210 Unit L, Section 23, T-17S, R-34E, NMPM.	3950 PSIG

Injection Pressure Increase  
Mobil Exploration and Producing, US, Inc.  
April 12, 1989  
Page 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,



William J. LeMay  
Director

cc: OCD - Hobbs  
File: WFX-557, PMX-138  
T. Gallegos  
D. Catanach