STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

November 10, 1994

Mobil Exploration & Producing U.S., Inc.
P.O. Box 633
Midland, Texas 79702-0633

Attn: Kay Pollock-Lyon

RE: Injection Pressure Increase North Vacuum Abo Pressure Maintenance Project Lea County, New Mexico

Dear Ms. Pollock-Lyon:

Reference is made to your request dated October 24, 1994 to increase the surface injection pressure on 13 wells. This request is based on step rate tests conducted on these wells between September 20 and October 5, 1994. 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**
North Vacuum Abo Unit Well No.121 Unit L, Section 13,	4452 PSIG
North Vacuum Abo Unit Well No.131 Unit B, Section 10,	4029 PSIG
North Vacuum Abo Unit Well No.142 Unit J, Section 14,	4380 PSIG

Well and Location	Maximum Injection Surface Pressure
North Vacuum Abo Unit Well No.146 Unit B, Section 14,	4290 PSIG
North Vacuum Abo Unit Well No.152 Unit B, Section 13,	4438 PSIG
North Vacuum Abo Unit Well No.160 Unit B, Section 12,	4270 PSIG
North Vacuum Abo Unit Well No.163 Unit J, Section 15,	4421 PSIG
North Vacuum Abo Unit Well No.164 Unit B, Section 15,	4476 PSIG
North Vacuum Abo Unit Well No.200 Unit L, Section 2,	4487 PSIG
North Vacuum Abo Unit Well No.201 Unit J, Section 10,	4165 PSIG
North Vacuum Abo Unit Well No.210 Unit L, Section 23,	4282 PSIG
North Vacuum Abo Unit Well No.229 Unit L, Section 10,	4590 PSIG
North Vacuum Abo Unit Well No.230 Unit J, Section 13,	4445 PSIG
All wells located in Township 17 South, Range 34 East, 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,

William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Hobbs
File: 4th Quarter PSI-X; Case File No.4831
PMX-138, PMX-140, WFX-557