



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

PDEV0020700138  
PDEV0020700140  
PDEV0020600557

GARREY CARRUTHERS  
GOVERNOR

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

January 12, 1990

Mobil Producing Texas & New Mexico, 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 December 1, 1989, to increase the surface injection pressure on seven wells within the North Vacuum Abo Unit Pressure Maintenance Project. This request is based on step rate tests conducted on these wells on during November, 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. 112  
Unit D, Section 25

4051 PSIG

NVAU Well No. 121  
Unit L, Section 13

3851 PSIG

NVAU Well No. 129  
Unit B, Section 23

4370 PSIG

NVAU Well No. 139  
Unit L, Section 14

3750 PSIG

Injection Pressure Increase  
Mobil Producing Texas and New Mexico, Inc.  
January 12, 1990  
Page 2

NVAU Well No. 143  
Unit B, Section 27

4050 PSIG

NVAU Well No. 146  
Unit B, Section 14

3850 PSIG

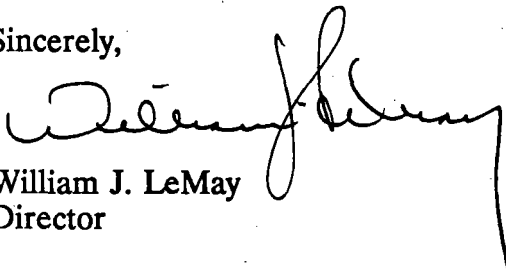
NVAU Well No. 149  
Unit J, Section 27

3900 PSIG

All in Township 17 South, Range 34 East, NMPM, 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

cc: Oil Conservation Division - Hobbs  
File: PMX-138  
PMX-140  
WFX-557

T. Gallegos  
D. Catanach