



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1119
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.

| <u>WELL AND LOCATION</u> | <u>MAXIMUM INJECTION SURFACE PRESSURE</u> |
|---|---|
| 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 |

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NVAU Well No. 143
Unit B, Section 27

4050 PSIG

NVAU Well No. 146
Unit B, Section 14

3850 PSIG

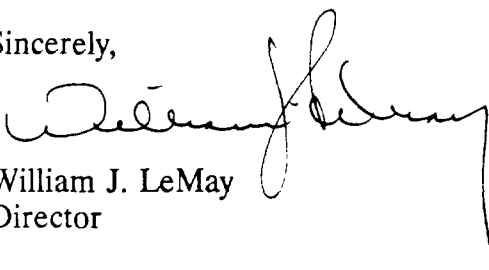
NVAU Well No. 149
Unit J, Section 27

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