



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

PDEV0020700138
PDEV0020600557

GARREY CARRUTHERS
GOVERNOR

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

December 4, 1989

Mobil Exploration & Producing U.S., Inc.
P.O. Box 633
Midland, TX 79702

Attention: M.E. Sweeney

*RE: Injection Pressure Increase
N. Vacuum Abo Unit
Lea County, New Mexico*

Dear Mr. Sweeney:

Reference is made to your request dated November 7, 1989, to increase the surface injection pressure on four wells within the North Vacuum Abo Unit Pressure Maintenance Project. This request is based on step rate tests conducted on these wells during September and October, 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. 136 Unit D, Section 26, T-17 South, Range 34 East; | 3530 PSIG |
| NVAU Well No. 156 Unit J, Section 23, T-17 South, Range 34 East; | 3625 PSIG |
| NVAU Well No. 206 Unit D, Section 19, T-17 South, Range 34 East; and | 2310 PSIG |

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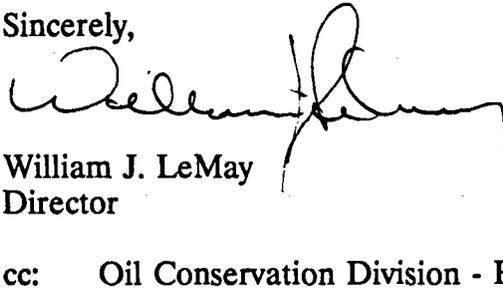
NVAU Well No. 230
Unit J, Section 13, T-17 South,
Range 34 East,

4128 PSIG

All in 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
WFX-557
T. Gallegos
D. Catanach