

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

September 11, 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
Well Nos. 209, 214, 224 & 302
Lea County, New Mexico

Dear Mr. Sweeney:

Reference is made to your request dated August 10, 1989, to increase the surface injection pressure on four wells within the N. Vacuum Abo East Unit Waterflood Project. This request is based on step rate tests conducted on these wells during July, 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. 209 Unit J, Section 22, T-17 South, R-34 East, NMPM;	4140 PSIG
NVAU Well No. 214 Unit D, Section 11, T-17 South, R-34 East, NMPM;	3590 PSIG
NVAU Well No. 224 Unit B, Section 11, T-17 South, R-34 East, NMPM; and	2880 PSIG

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September 11, 1989
Page 2

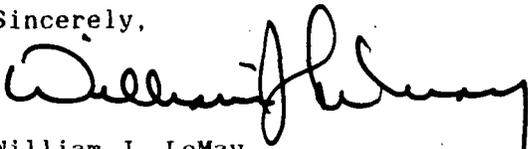
NVAU Well No. 302
Unit J, Section 3, T-17 South,
R-34 East, NMPM,

4325 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: WFX-557, PMX-140
T. Gallegos
D. Catanach