

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

CF 6248  
WFX-551  
PDEV0020600551

BRUCE KING  
GOVERNOR

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

May 24, 1991

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

Attention: Judy Dixon

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

Dear Ms. Dixon:

Reference is made to your request dated April 9, 1991, to increase the surface injection pressure on six wells within the North Vacuum Abo East Unit Pressure Maintenance Project. This request is based on step rate tests conducted on these wells during March, 1991. 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

NVAEU Well No. 1  
Unit J, Section 7, T-17 South,  
R-35 East, NMPPM;

3800 PSIG

NVAEU Well No. 2  
Unit L, Section 7, T-17 South,  
R-35 East, NMPPM;

4250 PSIG

*Injection Pressure Increase*  
*Mobil Exploration and Producing U.S., Inc.*  
*May 24, 1991*  
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WELL AND LOCATION

MAXIMUM INJECTION  
SURFACE PRESSURE

NVAEU Well No. 3  
Unit N, Section 7, T-17 South,  
R-35 East, NMPM;  
  
NVAEU Well No. 5  
Unit B, Section 18, T-17 South,  
R-35 East, NMPM;  
  
NVAEU Well No. 8  
Unit H, Section 18, T-17 South,  
R-35 East, NMPM;  
  
NVAEU Well No. 11  
Unit N, Section 18, T-17 South,  
R-35 East, NMPM.

3930 PSIG

3515 PSIG

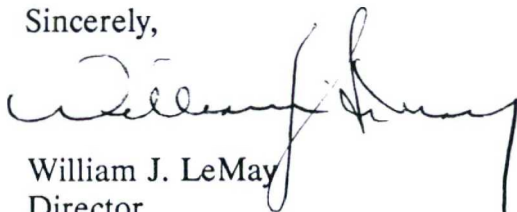
3870 PSIG

3950 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: Case No. 6248  
WFX-551  
D. Catanach  
R. Brown



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Attention: Judy Dixon

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N. Vacuum Abo Unit  
Lea County, New Mexico*

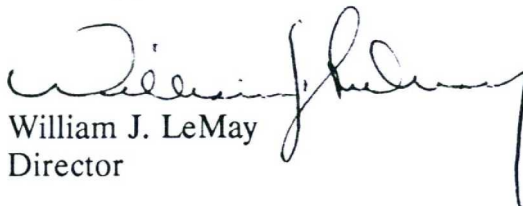
Dear Ms. Dixon:

Reference is made to your request dated April 9, 1991, to increase the surface injection pressure on thirteen wells within the N. Vacuum Abo Unit Pressure Maintenance Project. This request is based on step rate tests conducted on these wells during February and March, 1991. 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 wells shown on Exhibit "A" attached hereto.

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  
Files: PMX-138, WFX-557, PMX-140  
R.Brown  
D. Catanach

EXHIBIT "A"

<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 95 Unit P, Section 26	3905 PSIG
NVAU Well No. 137 Unit B, Section 26	4190 PSIG
NVAU Well No. 139 Unit L, Section 14	4020 PSIG
NVAU Well No. 142 Unit J, Section 14	4000 PSIG
NVAU Well No. 143 Unit B, Section 27	4170 PSIG
NVAU Well No. 146 Unit B, Section 14	4030 PSIG
NVAU Well No. 149 Unit J, Section 27	4025 PSIG
NVAU Well No. 156 Unit J, Section 23	3930 PSIG
NVAU Well No. 158 Unit J, Section 12	4115 PSIG
NVAU Well No. 163 Unit J, Section 15	4120 PSIG
NVAU Well No. 201 Unit J, Section 10	3830 PSIG
NVAU Well No. 203 Unit B, Section 22	4260 PSIG
NVAU Well No. 210 Unit L, Section 23	4095 PSIG
All in Township 17 South, Range 34 East, NMPM Lea County, New Mexico	