



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

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CABINET SECRETARY

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

September 6, 1994

WFX - 653

PDEV0020600653

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

Attention: Keith Maberry

**RE: Injection Pressure Increase East Vacuum Grayburg San  
Andres Unit Waterflood Project, Lea County, New Mexico**

Dear Mr. Maberry:

Reference is made to your request dated July 29, 1994 to increase the surface injection pressure on three wells in the East Vacuum Grayburg San Andres Unit. This request is based on step rate tests conducted on these wells between July 19 and 23, 1994. 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:

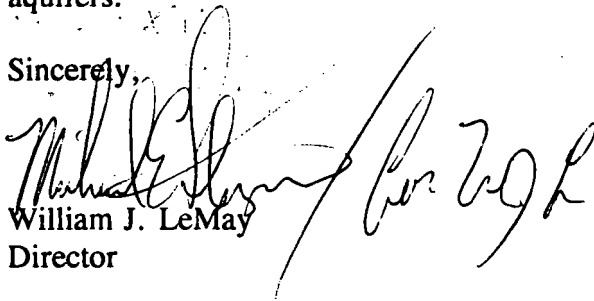
Well and Location	Maximum Injection Surface Pressure
EVGSAU Well No. 0524-129 Unit B, Section 5, Township 18 South, Range 37 East	1930 PSIG
EVGSAU Well No. 3315-001 Unit I, Section 32, Township 17 South, Range 35 East	1690 PSIG
EVGSAU Well No. 3333-002 Unit F, Section 33, Township 17 South, Range 35 East	1730 PSIG
All wells located in Lea County, New Mexico.	

*Injection Pressure Increase  
Phillips Petroleum Company  
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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

WJL/BES/amg

cc: Oil Conservation Division - Hobbs  
File: WFX-653  
PSI-X 3rd Qtr., 1994  
D. Catanach  
R. Brown