



STATE OF NEW MEXICO
 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
 GOVERNOR

ANITA LOCKWOOD
 CABINET SECRETARY

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

September 6, 1994

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.

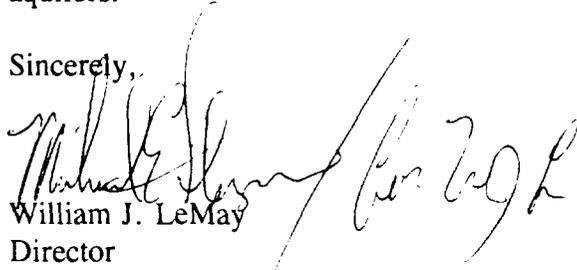
You are therefore authorized to increase the surface injection pressure on the following wells:

| 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
September 6, 1994
Page 2*

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