



TONEY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

May 27, 1986



1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

Attention: G. R. Smith

Re: Injection Pressure Increase  
E. Vacuum G-SA Unit  
Lea County, New Mexico

Dear Sir:

Reference is made to your request of May 12, 1986 to increase the bottom-hole injection pressure on three wells in your East Vacuum Grayburg-San Andres Unit Waterflood Project. It is our understanding that these wells are water-alternate- $\text{CO}_2$  injectors and that the previously approved bottom-hole pressure limit was 3150 p.s.i. set in Division Order No. R-6856. The request for pressure increase is based on a step rate tests performed on these wells during January, 1986. The results of the tests have been reviewed by my staff and we feel an increase in bottom-hole injection pressure is justified at this time.

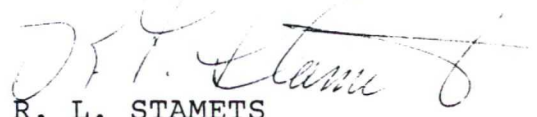
You are therefore authorized to increase your bottom-hole injection pressure to 4000 p.s.i. on the following wells:

<u>Well No.</u>	<u>Location</u>
Tract 2913 No. 007	Sec. 29, T-17S, R-35E
Tract 2947 No. 001	Sec. 29, T-17S, R-35E
Tract 2980 No. 003	Sec. 29, T-17S, R-35E

All Wells located 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 it is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. L. Stamets", with a long horizontal flourish extending to the right.

R. L. STAMETS  
Director

RLS/DRC/et

xc: Oil Conservation Division - Hobbs  
Case File - 7426  
Donna McDonald  
D. Catanach