



TONEY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



1935 - 1985

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

December 17, 1985

IPI-320

PKAA0909038576

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

Attention: L. M. Sanders  
Supervisor, Regulation & Proration

RE: Injection Pressure Increase  
N. E. Maljamar Waterflood  
Project Lea County, NM

Dear Sir:

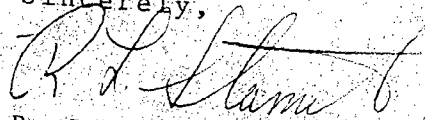
Reference is made to your request of November 12, 1985 to increase the surface injection pressure on three wells located in the Northeast Maljamar Waterflood Project. This request was based on individual step rate tests conducted on each of these wells on August 1 and 2, 1985. From the data it appears that the formation fracture pressure is significantly higher than the currently approved pressure.

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

| <u>Well &amp; Location</u>                                                          | <u>Maximum Surface Injection Pressure</u> |
|-------------------------------------------------------------------------------------|-------------------------------------------|
| Leamex Well No. 19<br>Unit D, Section 24, T17S, R33E<br>Lea County, New Mexico      | 2485 PSIG                                 |
| Phillips State E No. 30<br>Unit L, Section 13, T17S, R33E<br>Lea County, New Mexico | 2508 PSIG                                 |
| Phillips State E No. 33<br>Unit N, Section 14, T17S, R33E<br>Lea County, New Mexico | 2443 PSIG                                 |

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the Grayburg San Andres zone or it is endangering any fresh water aquifers.

Sincerely,



R. L. Stamets  
Division Director

cc: OCD - Hobbs  
D. Catanach

RLS/DC/bok

WFX-534

R-15134