



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

June 26, 1981

Conversion to Water Injection Service--
East Vacuum Grayburg/San Andres Unit
Tract 2054, Well No. 003
Vacuum Gb/SA Pool
Lea County, New Mexico

New Mexico Department of Energy & Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval of expansion of waterflood pressure maintenance project, as provided by Order No. R-5897, Rule 9, for the East Vacuum Grayburg/San Andres Unit, pressure maintenance project, to convert East Vacuum Gb/SA Unit Tract 2054, Well No. 003 to water injection service. The following data is submitted in support of this request:

1. Unit Plat reflecting the proposed injection well project area (Tract 2054, No. 003--Unit M, Section 20, T-17-S, R-35-E.)
2. Borehole Compensated Sonic log of the injection well.
3. Diagramatic sketch of the proposed well, injection tubing, packer, and pressure control elements identifying the San Andres perforated injection interval.
4. The name of the injection formation is San Andres with injection to be into the well interval as follows: 4590'-4700'. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforation with a maximum daily volume anticipated at 2500 bbls for the identified well.

By copy hereof, all offset operators are notified of this application. Their waivers of objection are requested.