

January 3, 1980

Conversion to Water Injection Service--  
East Vacuum Grayburg-San Andres Unit  
Tract No. 2622, Well No. 004  
Vacuum Grayburg-San Andres Pool  
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey  
Division Director

Gentlemen:

We respectfully request administrative approval of expansion PMX 75, as provided by Order No. R5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit, Tract 2622, Well No. 004, to water injection service. The following data is submitted in support of this request.

1. Unit plat reflecting the proposed injection well and injection well project area. (Well: Unit F, 26, 17-S, 35-E)
2. Compensated Neutron-Formation Density 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 interval 4371 to 4634 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of produced Grayburg-San Andres water per day.

Your consideration and early advice will be appreciated.

Very truly yours,



T. Harold McLemore  
Area Regulation and Proration Analyst

THM/jj  
Attachments

cc: Oil Conservation Division  
Hobbs, New Mexico (Attachments w/o CNFD log)

RECEIVED

JUN 7 1980

OIL CONSERVATION DIV

# PHILLIPS PETROLEUM COMPANY

## EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

N. M. O. C. D. R - 5897

VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 2622 WELL 004

CONVERSION TO WATER INJECTION STATUS

