



PHILLIPS PETROLEUM COMPANY

GRANT, TEXAS 79442
4001 PEBBLEDOME

NATURAL RESOURCES GROUP
Exploration and Production

March 24, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 2059, Well No. 003
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 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 2059, 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 and injection well project area. (Well: Unit F, 20, 17-S, 35-E.)
2. Compensated sonic log of the injection well.
3. Diagrammatic 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 4594 to 4665 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.

Yours very truly,

T. Harold McElmore
Area Regulation and Proration Analyst

THM/jj
Attachments

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

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 1910 WELL 003

CONVERSION TO WATER INJECTION STATUS



