



## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

NATURAL RESOURCES GROUP  
Exploration and Production

November 20, 1980

Conversion to Water Injection  
Service--East Vacuum Grayburg-  
San Andres Unit, Tract 3315, Well #009,  
Vacuum Grayburg-San Andres Pool,  
Lea County, New Mexico

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

Attention: Mr. Joe D. Ramey  
Division Director

Gentlemen:

We respectfully request administrative approval of expansion of waterflood injection well pattern, 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 3315, Well No. 009, 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. (Tract 3315, No. 009--Unit P, 33, 17-S, 35-E.)
2. Borehole 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 well interval 4520' to 4750'. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A status report on Order No. R5897, Exhibit-C wells was submitted under date of August 19, 1980.

Your consideration and early advice will be appreciated.

Very truly yours,

T. Harold McLemore  
Area Regulation and Proration Supv.

CAS:skm

Attachments

cc: Oil Conservation Division  
Hobbs, New Mexico (Attachments without logs)

# 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 3315 WELL 009

CONVERSION TO WATER INJECTION STATUS



