



# PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

NATURAL RESOURCES GROUP  
Exploration and Production

April 30, 1980

Conversion to Water Injection Service--  
East Vacuum Grayburg-San Andres Unit  
Tract No. 2271, 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 2271, 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 0, 22, 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 interval 4412 to 4715 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 BHC log)

# PHILLIPS PETROLEUM COMPAN.

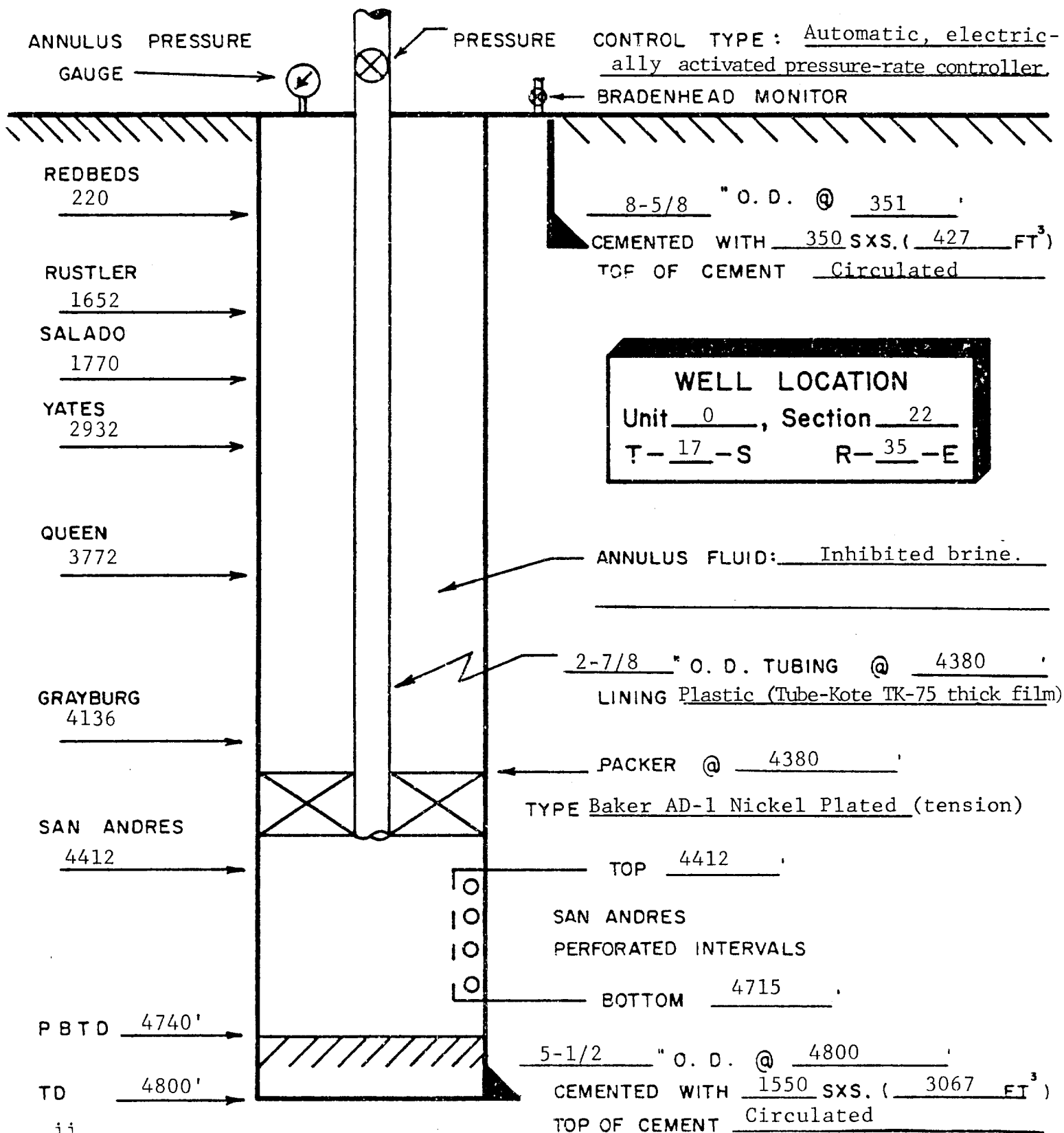
## EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

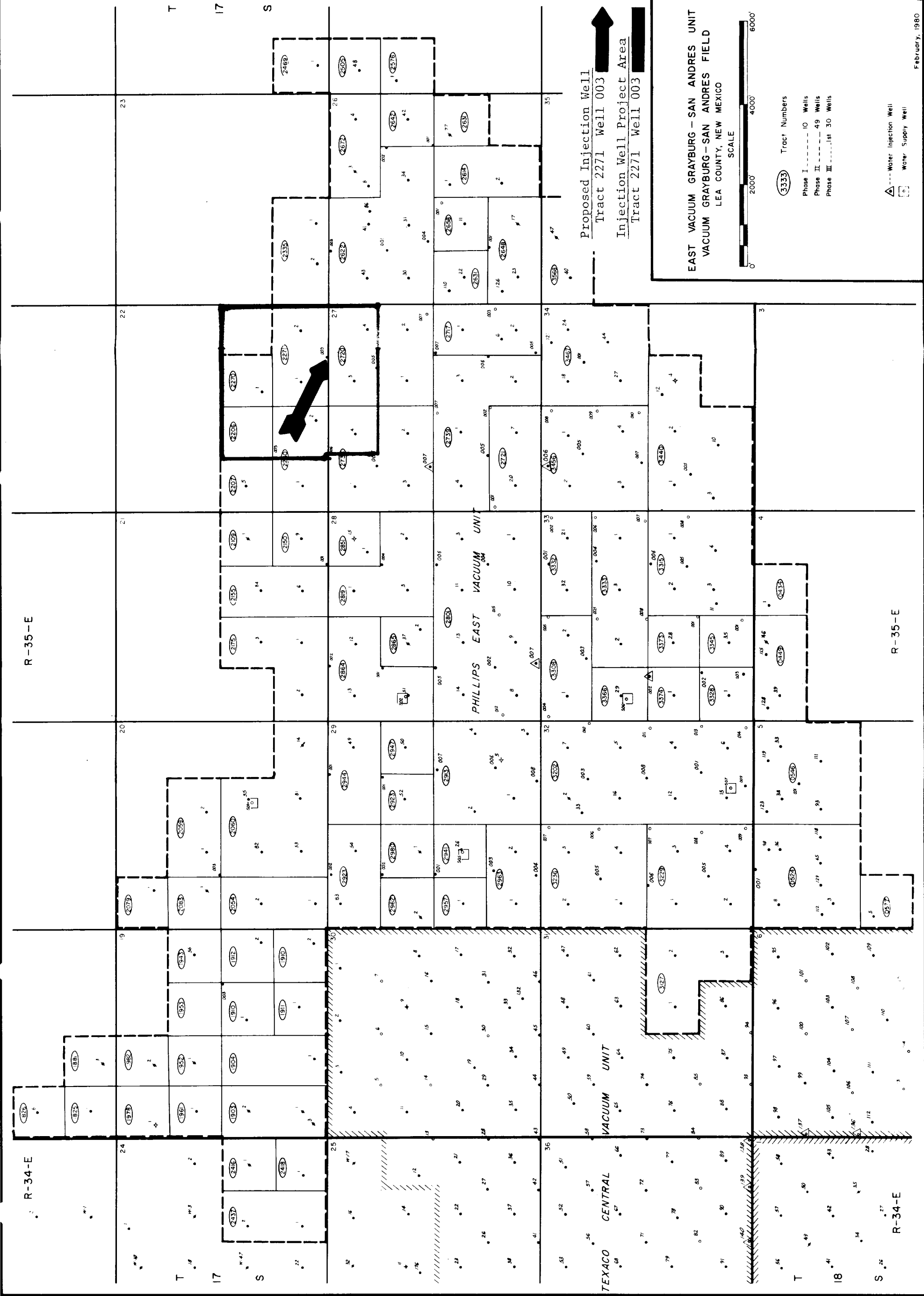
N. M. O. C. D. R-5897

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

TRACT 2271 WELL 003

CONVERSION TO WATER INJECTION STATUS





Proposed Injection Well  
Tract 2271 Well 003  
Injection Well Project Area  
Tract 2271 Well 003

EAST VACUUM GRAYBURG-SAN ANDRES UNIT  
VACUUM GRAYBURG-SAN ANDRES FIELD  
LEA COUNTY, NEW MEXICO



Tract Numbers  
Phase I ----- 10 Wells  
Phase II ----- 49 Wells  
Phase III ----- 30 Wells

Water Injection Well  
Water Supply Well

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MAY 1 1980  
OIL CONSERVATION DIV.