



# PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

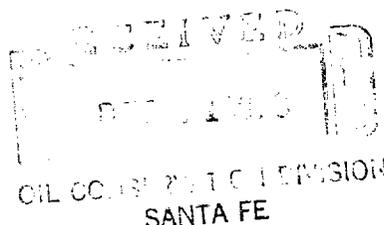
NATURAL RESOURCES GROUP  
Exploration and Production

December 18, 1979

Conversion to Water Injection Service--  
East Vacuum Grayburg-San Andres Unit  
Tract No. 2913, Well No. 008  
Vacuum Grayburg-San Andres Pool  
Lea County, New Mexico

New Mexico Department of Energy and 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 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 2913, Well No. 008, 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, 29, 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:skm  
Attachments

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

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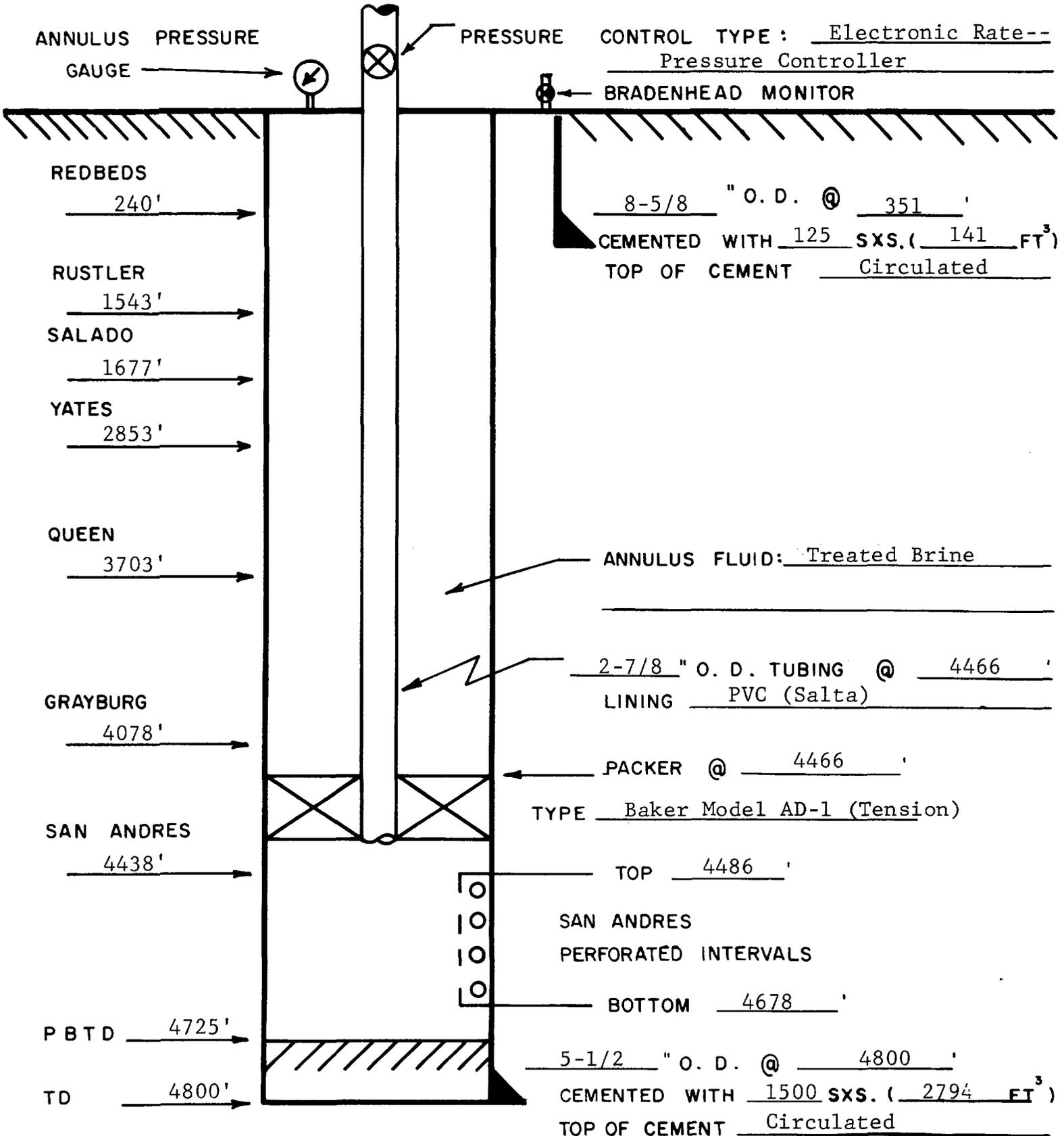
## EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

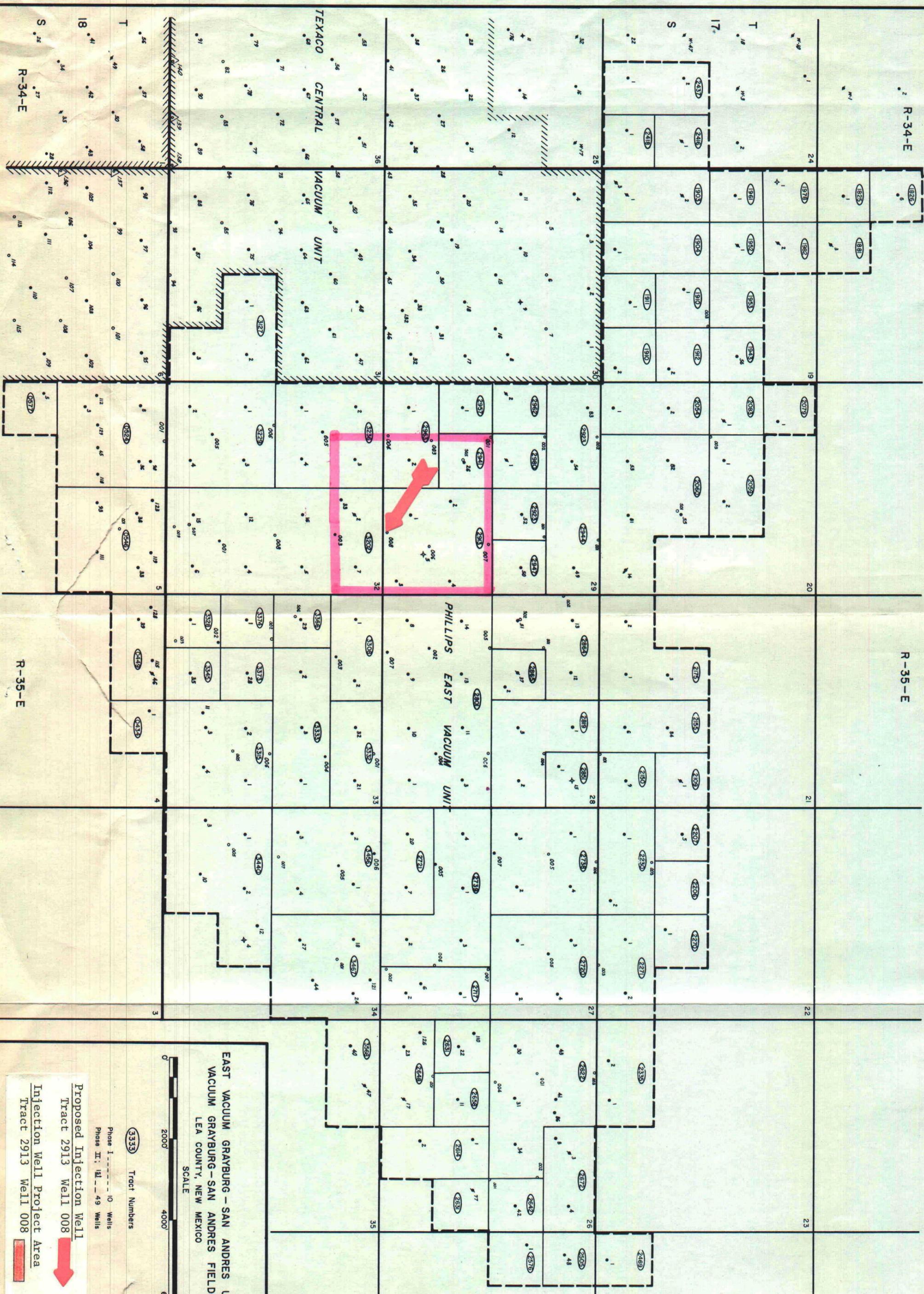
N. M. O. C. D. R- 5897

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

TRACT 2913 WELL 008

### CONVERSION TO WATER INJECTION STATUS





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

SCALE  
 0 2000' 4000' 6000'

3333 Tract Numbers

Phase I: 10' Walls  
 Phase II: 49' Walls

Proposed Injection Well  
 Tract 2913 Well 008

Injection Well Project Area  
 Tract 2913 Well 008