



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

September 8, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit,
Tract No. 2717, Well No. 003,
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 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 2717, 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 P, 27, 17-S, 35-E.)
2. Compensated Acoustic Velocity Gamma Caliper 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 4370 to 4550 feet. 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.

Yours very truly,

T. Harold McLemore
Area Regulation and Proration Supervisor

CAS:skm
Attachments

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

PHILIPS PETROLEUM COMPANY

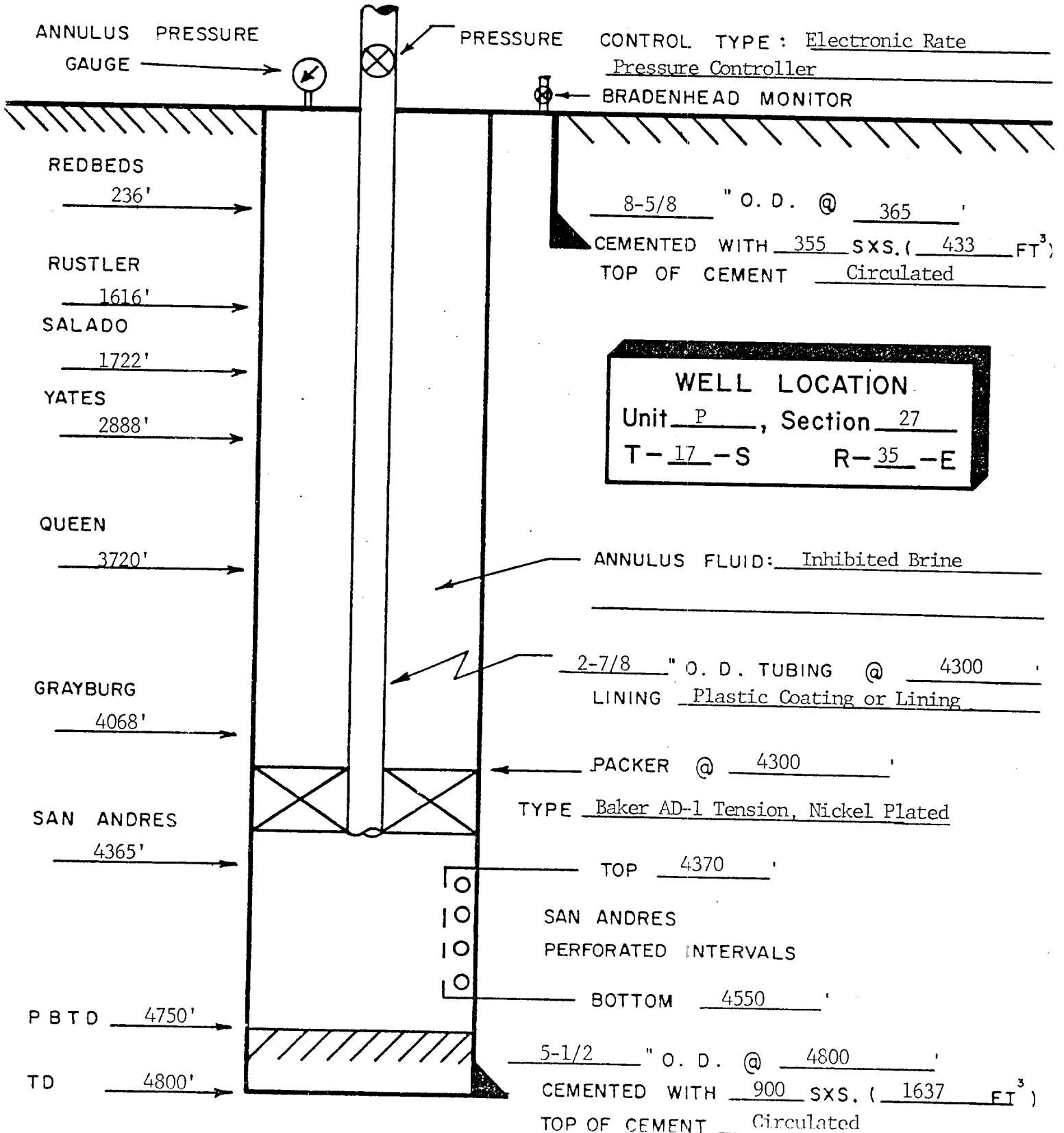
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

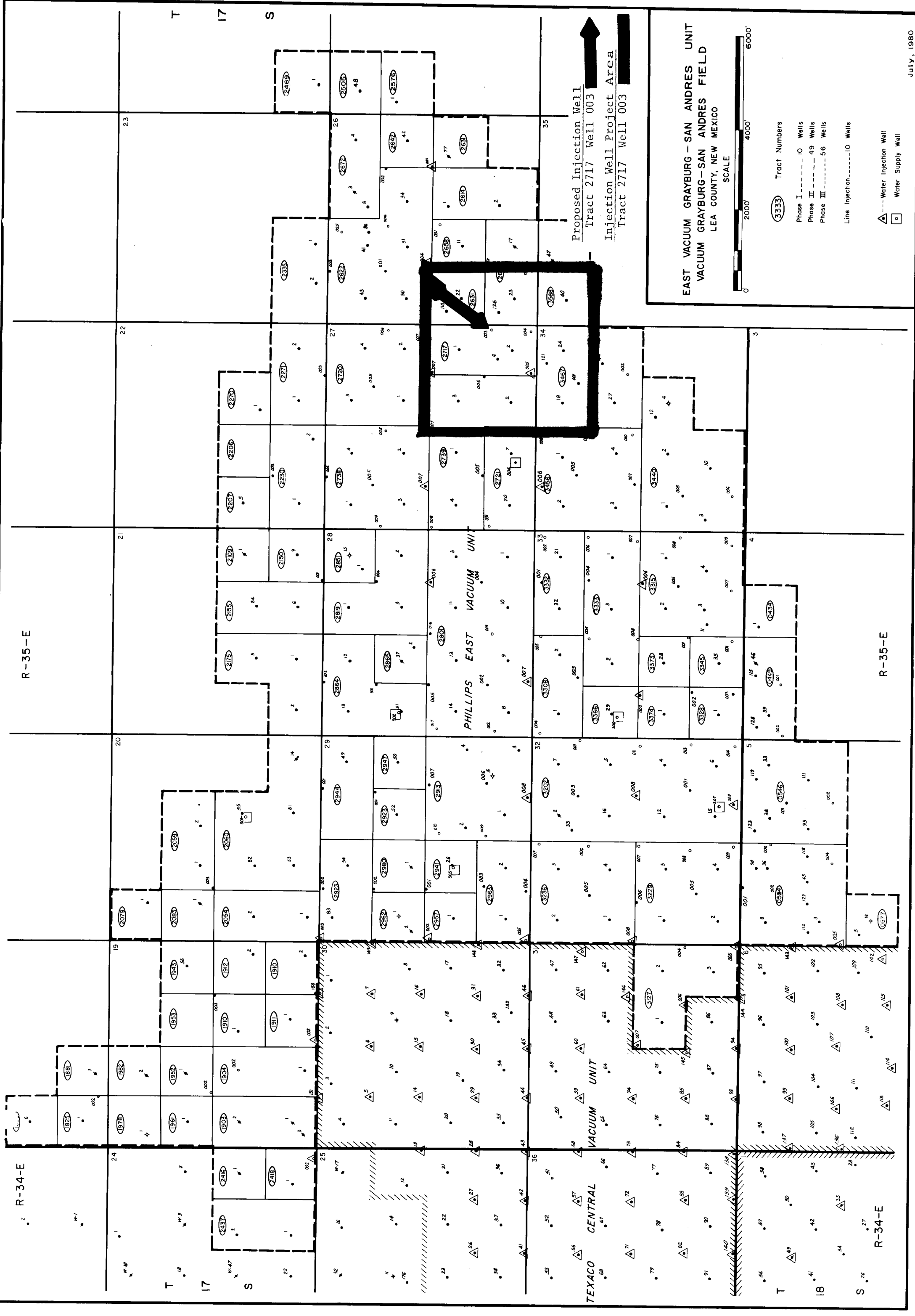
N. M. O. C. D. R-5897

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

TRACT 2717 WELL 003

CONVERSION TO WATER INJECTION STATUS



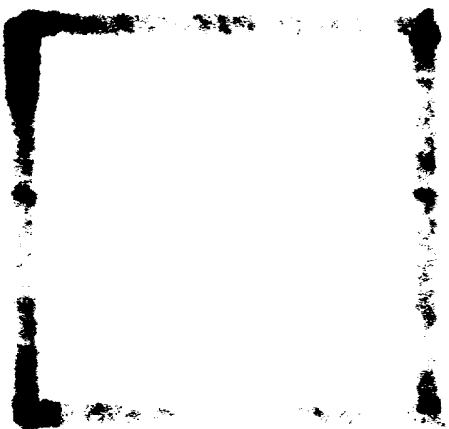


EAST VACUUM GRAYBURG - SAN ANDRES UNIT
 VACUUM GRAYBURG - SAN ANDRES FIELD
 LEA COUNTY, NEW MEXICO



- 3333 Tract Numbers
- Phase I - - - - - IO Wells
- Phase II - - - - - 49 Wells
- Phase III - - - - - 56 Wells
- Line Injection - - - - - IO Wells
- △ - - - - - Water Injection Well
- - - - - - Water Supply Well

Proposed Injection Well
 Tract 2717 Well 003
 Injection Well Project Area
 Tract 2717 Well 003



RECEIVED

SEP 10 1930

OIL COMPANY