



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

March 31, 1981

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit,
Tract 2720, Well No. 006,
Lea County, New Mexico

New Mexico Department 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. R-5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit, Tract 2720, Well No. 006, 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 2720, No. 006--Unit H, Section 27, T-17-S, R-35-E.)
2. B.H.C. Sonic Log of the injection well.
3. Diagrammatic sketch of the proposed well, injection tubing, packer, pressure control elements, and identifying the San Andres perforated injection interval.

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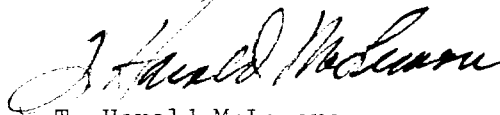
March 31, 1981

4. The name of the injection formation is San Andres with injection to be into the respective well interval 4410' to 4650'. 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.

Your consideration and early advice will be appreciated.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



T. Harold McLemore
Regulation and Proration Supervisor

THM:CAS:ehg
Attachments

cc: Oil Conservation Division
Hobbs, New Mexico
w/Attachments without logs

PHILLIPS PETROLEUM COMPANY

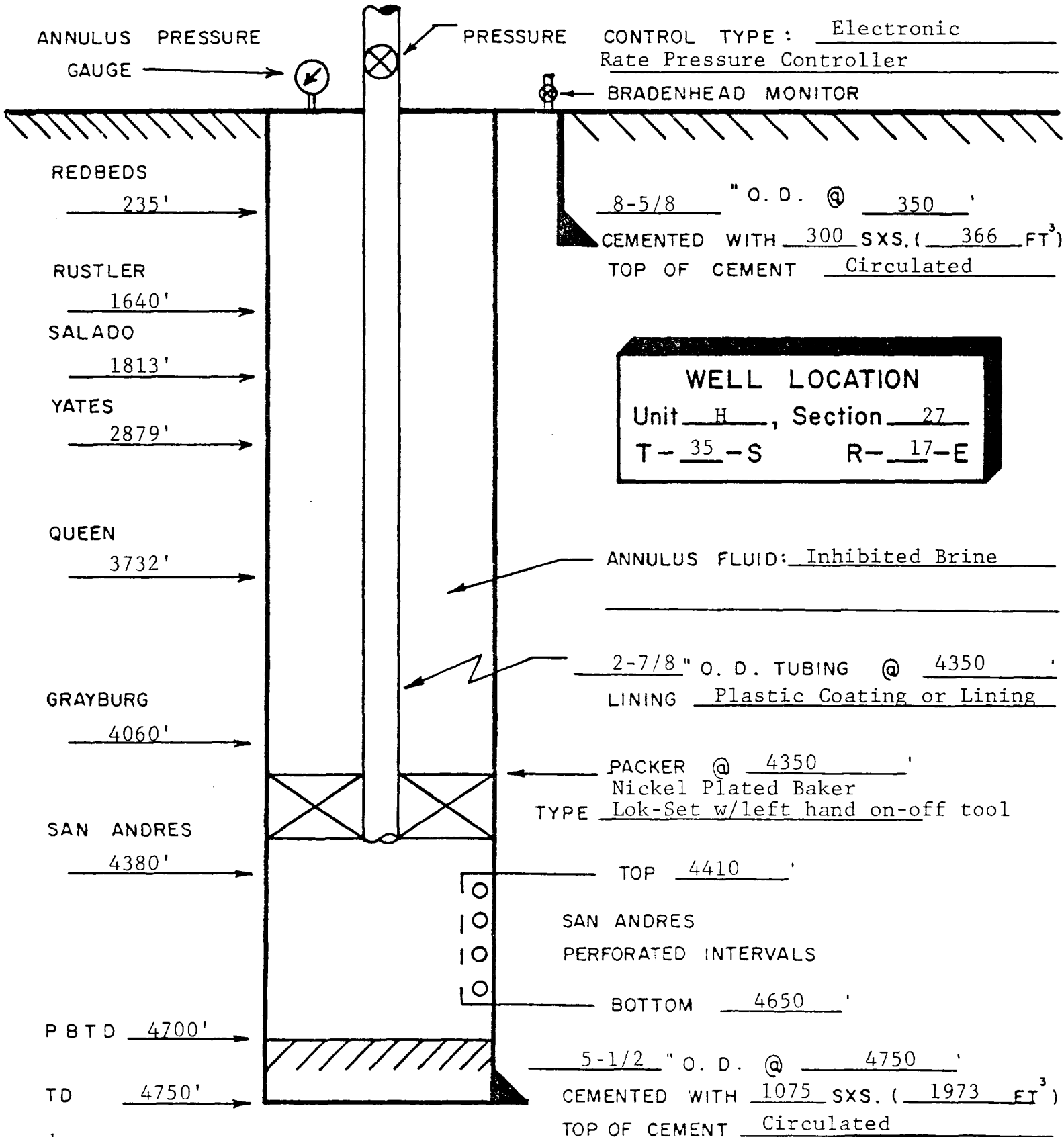
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

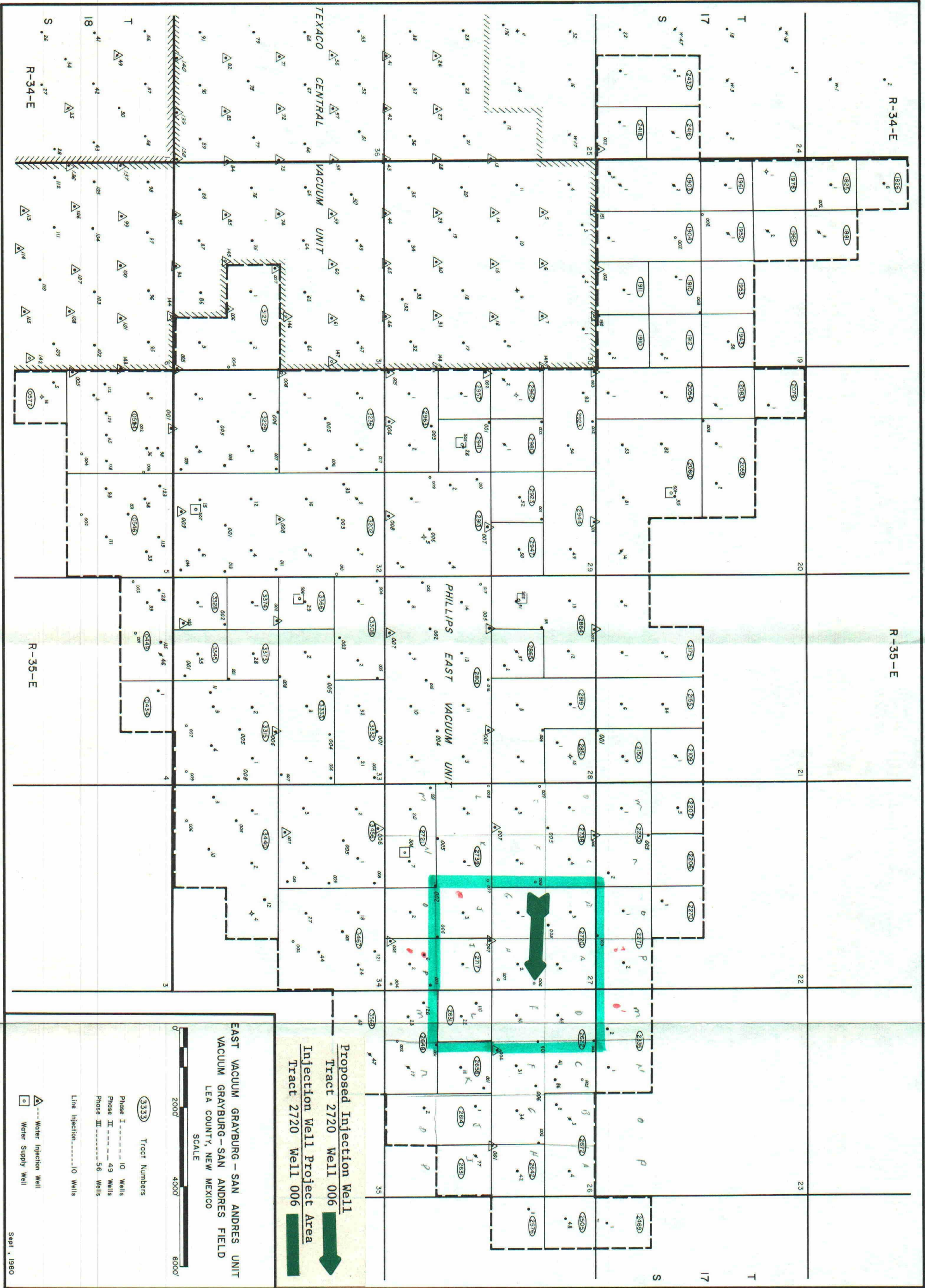
N. M. O. C. D. R-5897

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

TRACT 2720 WELL 006

CONVERSION TO WATER INJECTION STATUS





Proposed Injection Well
Tract 2720 Well 006
Injection Well Project Area
Tract 2720 Well 006

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

3333 Tract Numbers
Phase I ----- 10 Wells
Phase II ----- 49 Wells
Phase III ----- 56 Wells
Line Injection-----10 Wells

Water Injection Well
Water Supply Well

Sept, 1980