



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

December 22, 1980

Conversion to Water Injection
Service--East Vacuum Grayburg-
San Andres Unit, Tract 3315, Well #007,
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 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 3315, Well #007, 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, #007--Unit O, 33, 17-S, 35-E.)
2. B.H.C. 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 respective well interval 4500' to 4725'. 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 copy of waiver request letter, dated December 22, 1980, is attached. Chevron U.S.A., Inc., is to furnish a waiver to your attention.

An updated status report on Order No. R-5897, Exhibit "C" wells was submitted under date of November 26, 1980.

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Your consideration and early advice will be appreciated.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



T. Harold McLemore
Regulation & Proration Supervisor

CAS:skm
Attachments

cc: ✓ Oil Conservation Division
Hobbs, New Mexico (Attachments w/o B.H.C. Sonic Logs)

Chevron U.S.A., Inc.
Attn: Mr. E. E. Hagan
P. O. Box 1660
Midland, Texas 79702

PHILIPS PETROLEUM COMPANY

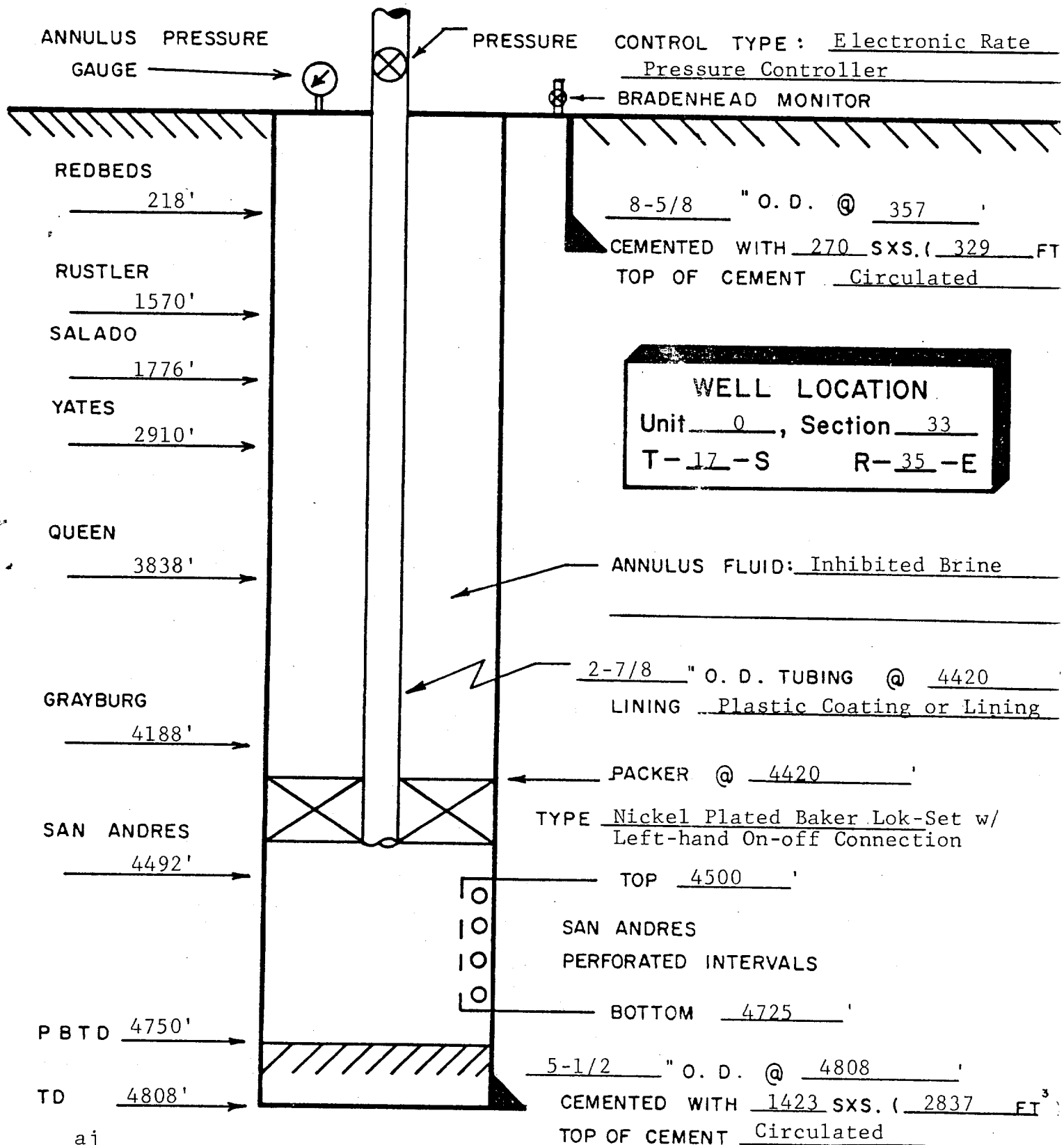
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

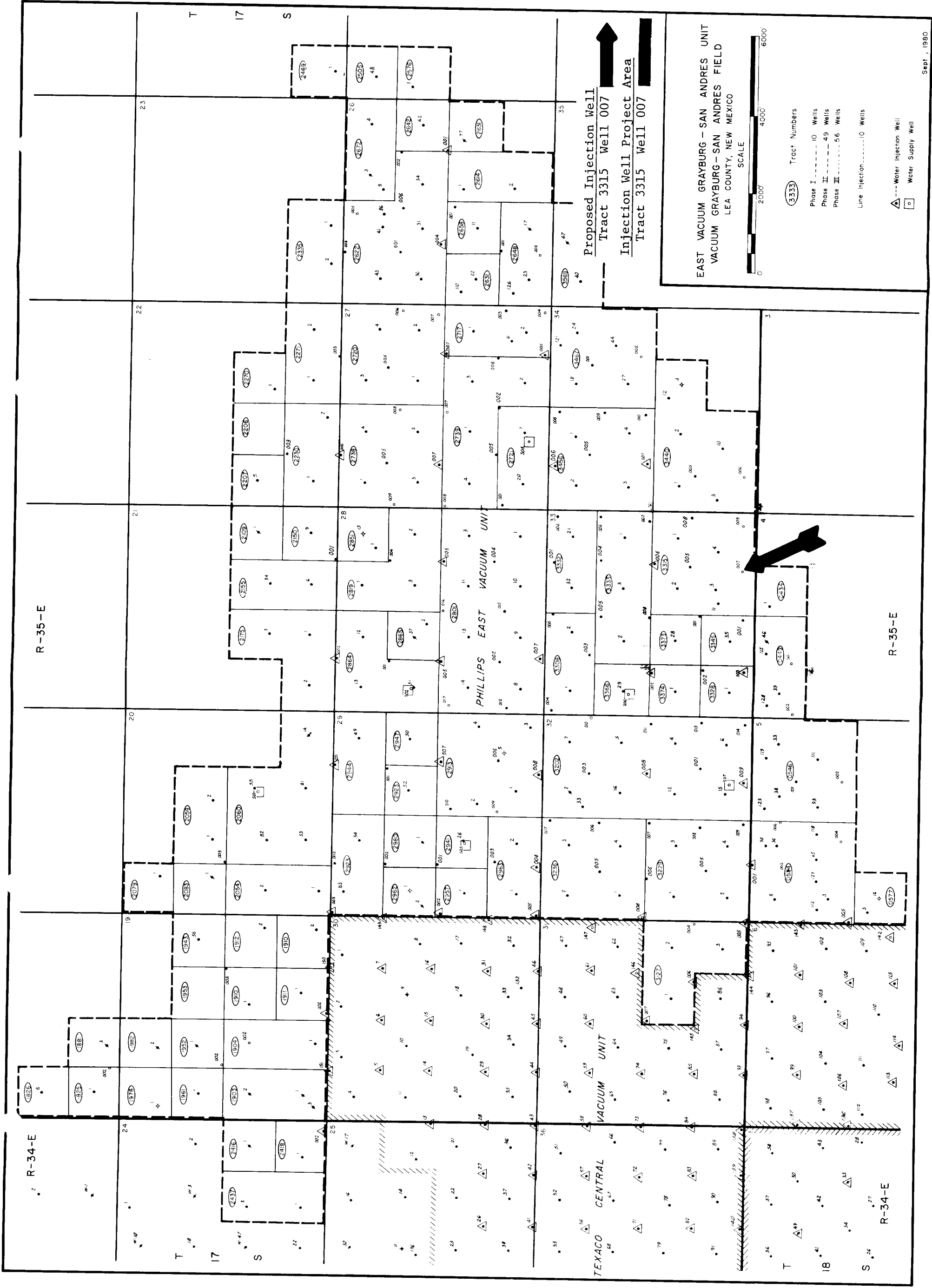
N. M. O. C. D. R-5897

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

TRACT 3315 WELL 007

CONVERSION TO WATER INJECTION STATUS





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DEC 23 1980
OIL CONSERVATION DIV