



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. 3373, Well No. 001,
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 3373, Well No. 001, 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 K, 33, 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 4462 to 4600 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

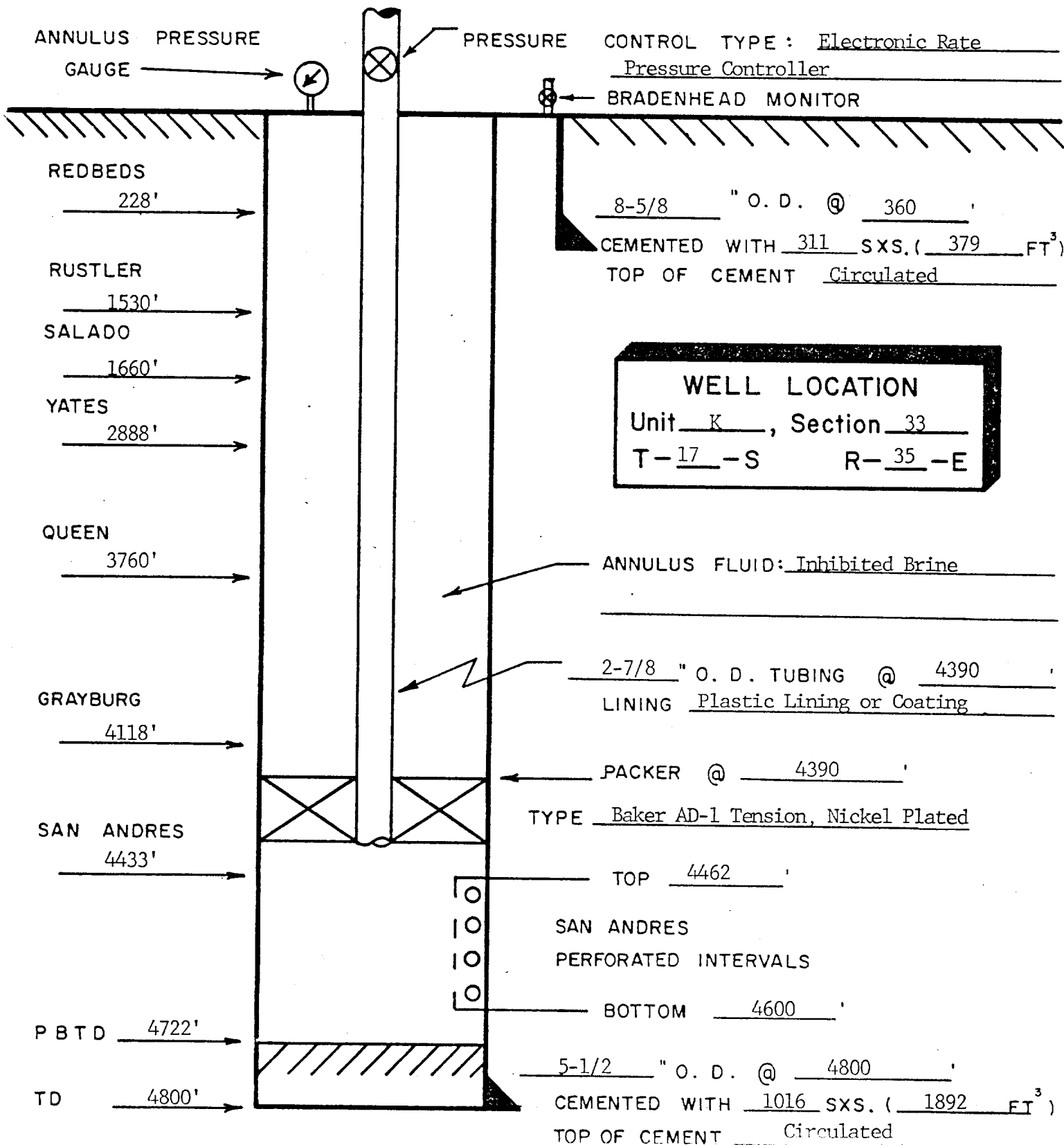
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

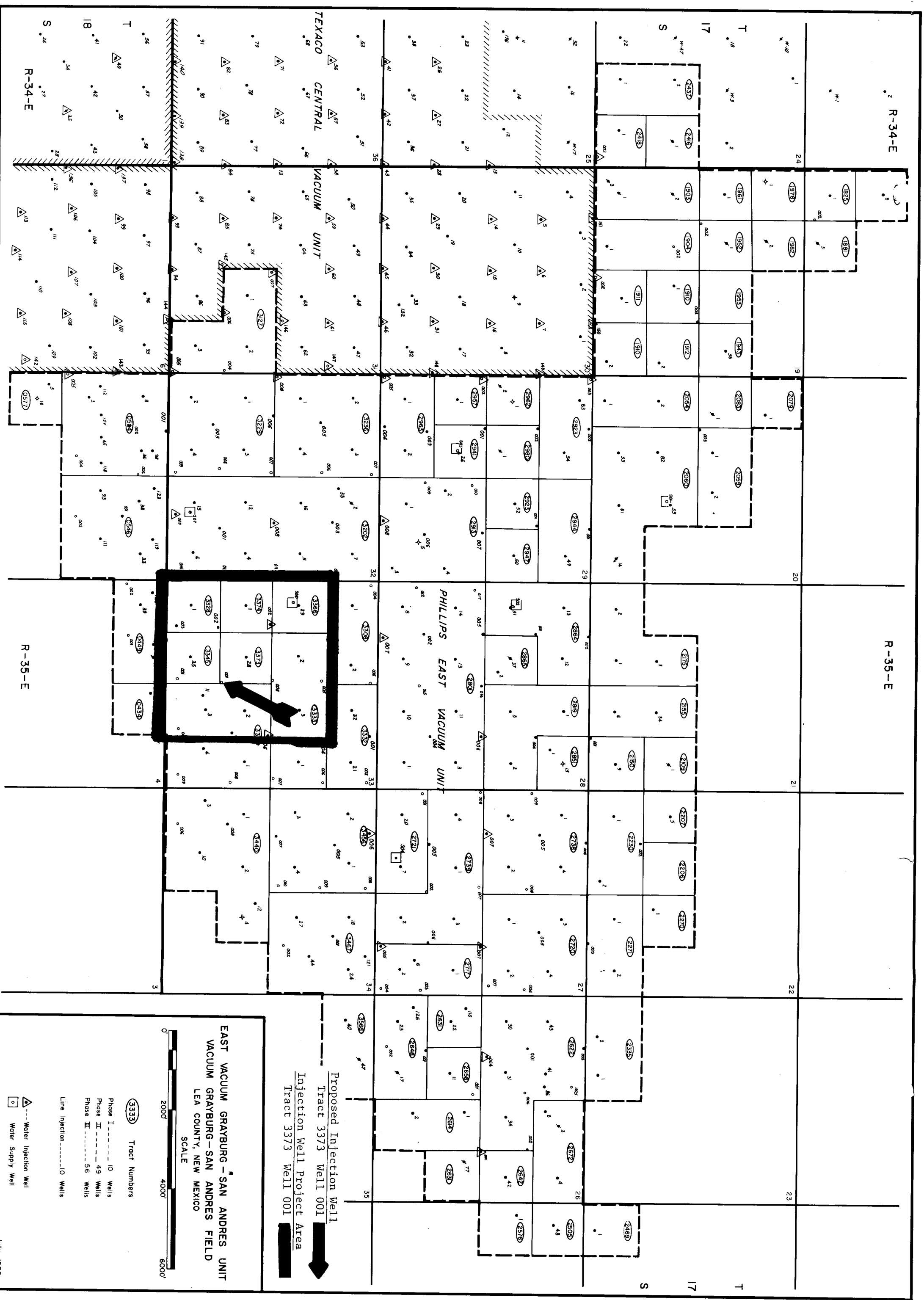
N. M. O. C. D. R-5897

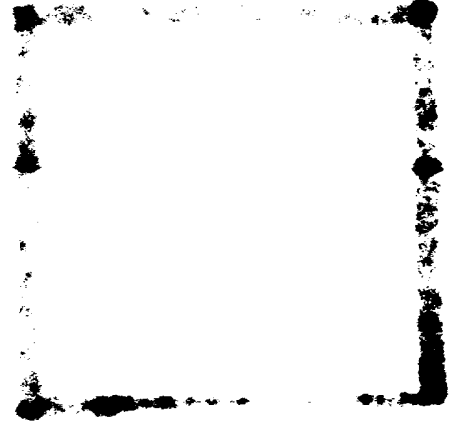
VACUUM GRAYBURG — SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 3373 WELL 001

CONVERSION TO WATER INJECTION STATUS







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