



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

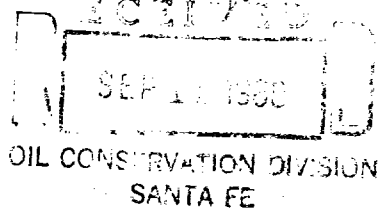
Gentlemen:

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)

PHILLIPS PETROLEUM COMPANY

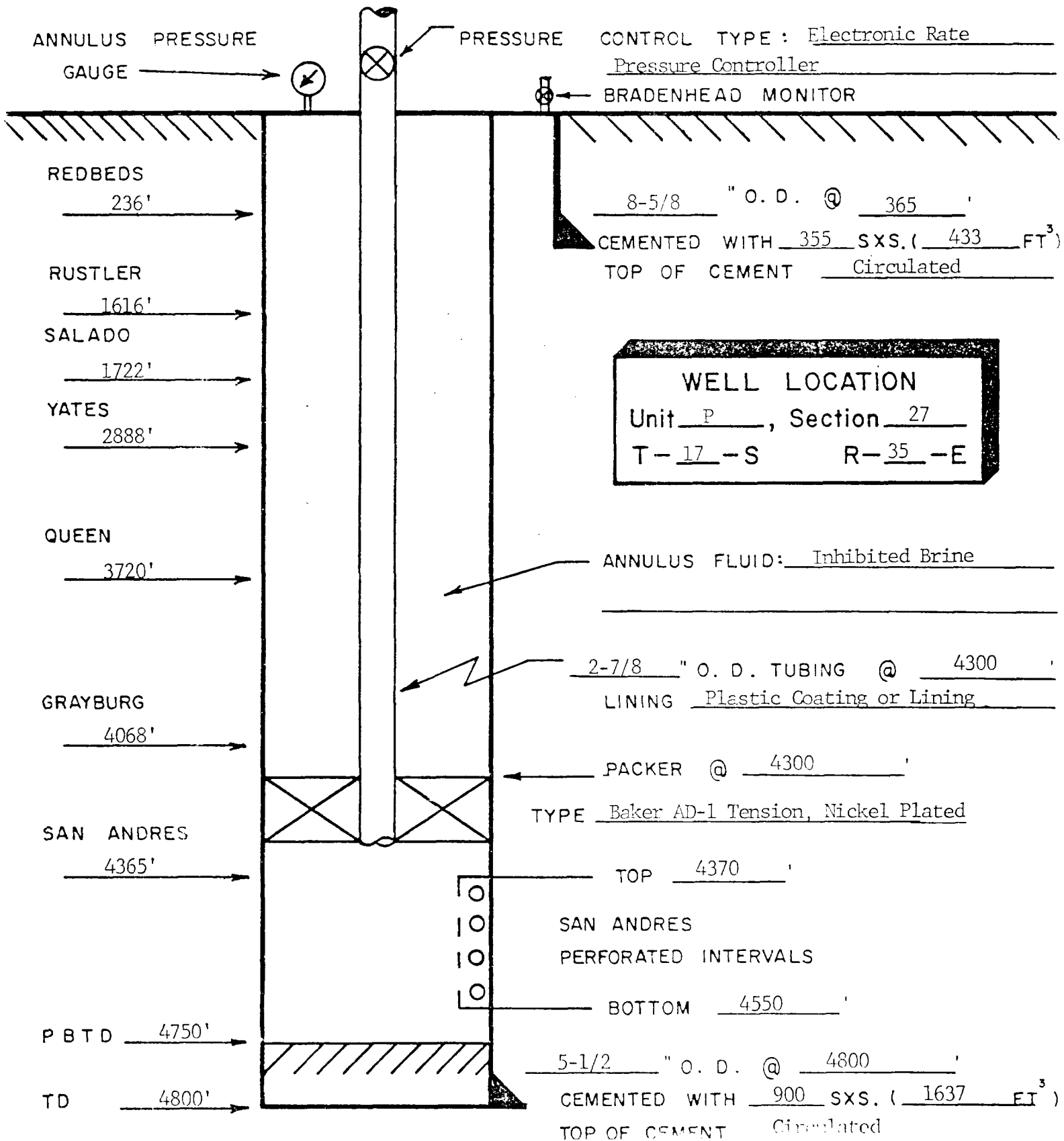
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

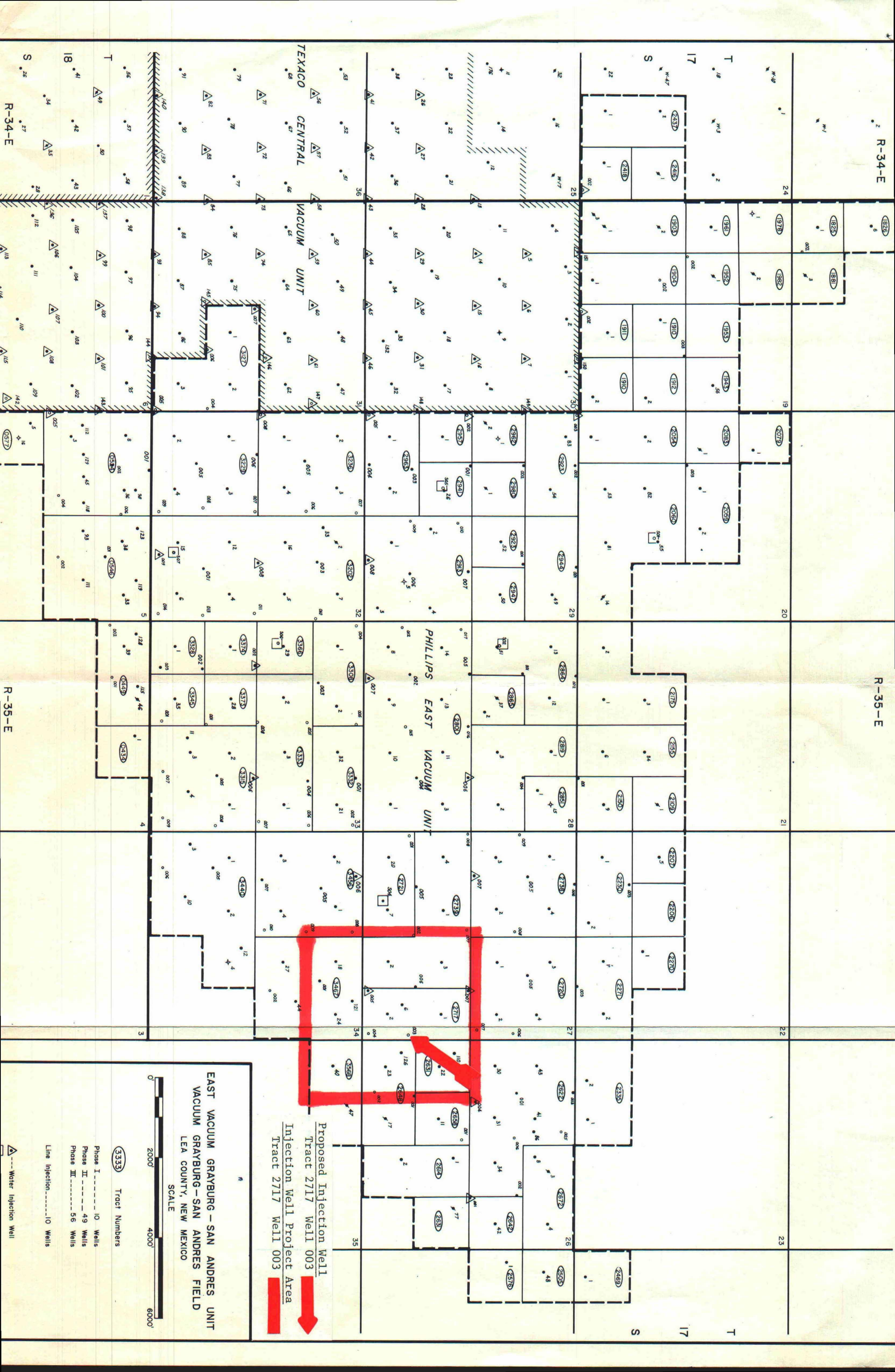
N. M. O. C. D. R - 5897

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

TRACT 2717 WELL 003

CONVERSION TO WATER INJECTION STATUS





R-34-E

R-35-E

TEXACO CENTRAL VACUUM UNIT

PHILIPS EAST VACUUM UNIT

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

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



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 2721, Well No. 001, and
Tract 2721, Well No. 002,
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 of expansion of waterflood injection well pattern, 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 2721, Well No. 001, and Tract 2721, Well No. 002, to water injection service. The following data is submitted in support of this request:

1. Unit plats reflecting the proposed injection wells and injection wells project area. (Tract 2721, No. 001--Unit M, 27, 17-S, 35-E. Tract 2721, No. 002--Unit N, 27, 17-S, 35-E.)
2. Compensated Acoustic Velocity Gamma Caliper Logs of the injection wells.
3. Diagrammatic sketch of the proposed wells, injection tubing, packer, and pressure control elements identifying the San Andres perforated injection intervals.
4. The name of the injection formation is San Andres with injection to be into the respective well intervals 4352' to 4488' and 4376' to 4496'. 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.

Very truly yours,

T. Harold McLemore

Area Regulation and Proration Supervisor

CAS:skm
Attachments

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

PHILLIPS PETROLEUM COMPANY

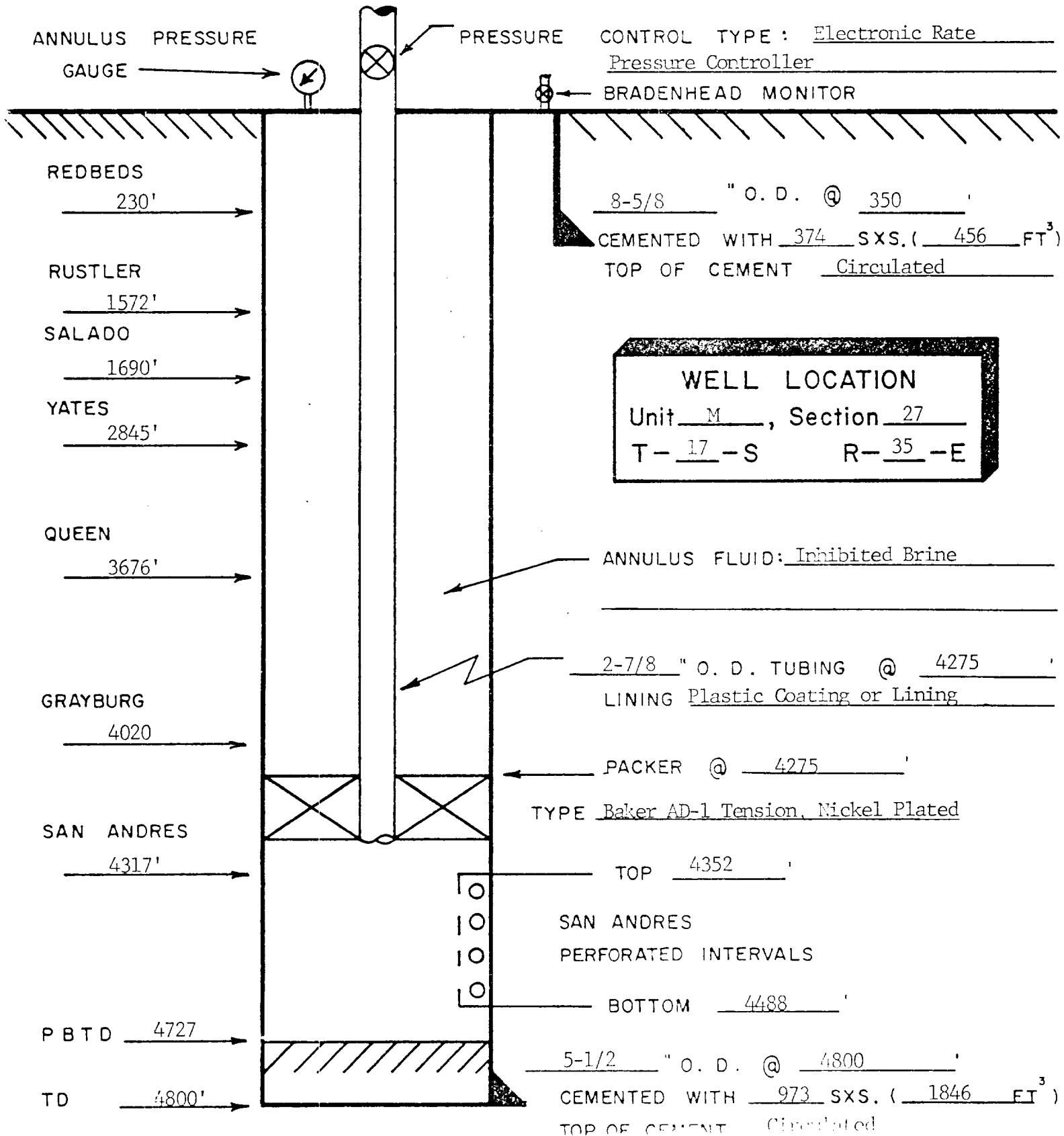
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

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

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

TRACT 2721 WELL 001

CONVERSION TO WATER INJECTION STATUS



PHILLIPS PETROLEUM COMPANY

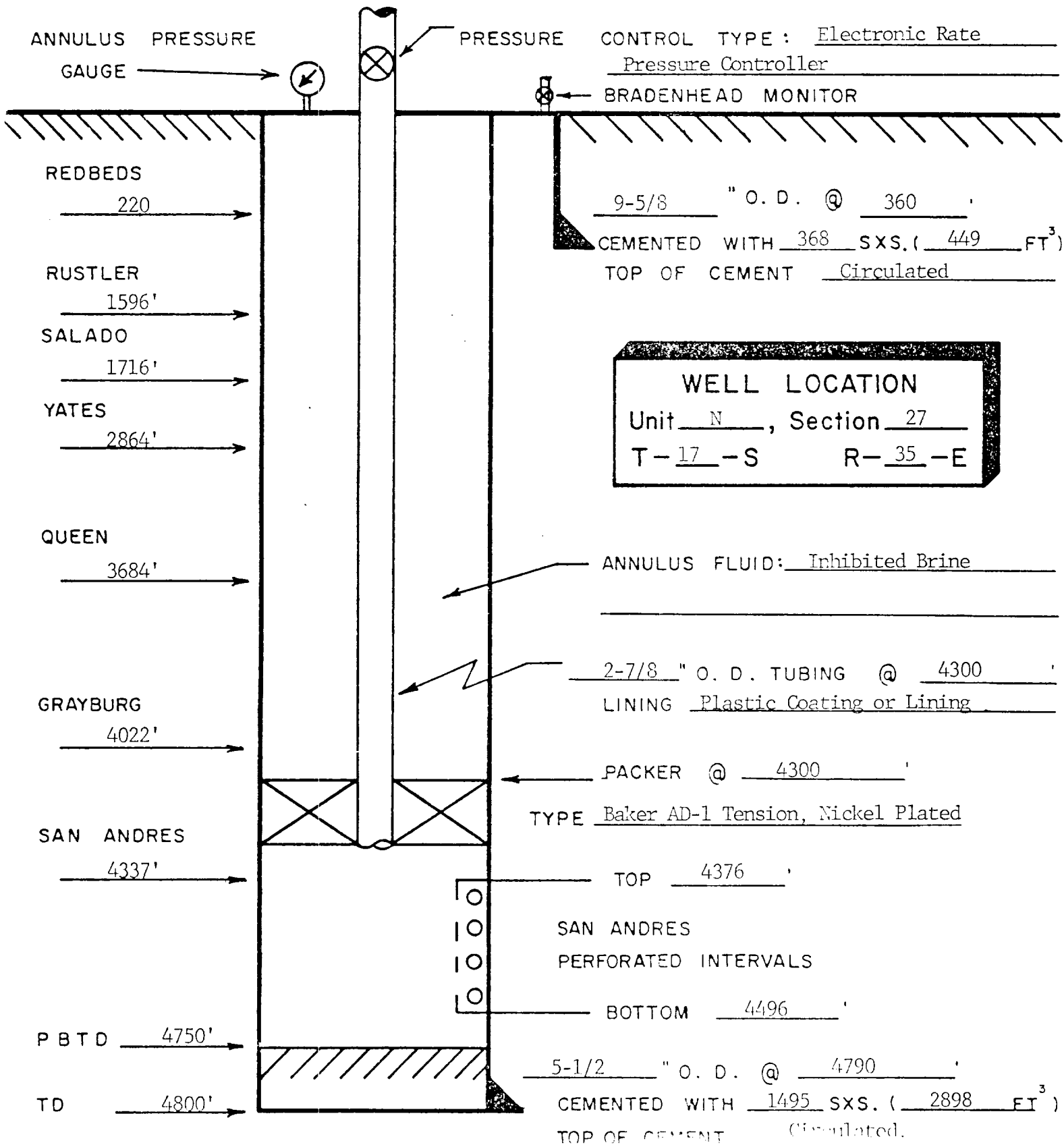
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

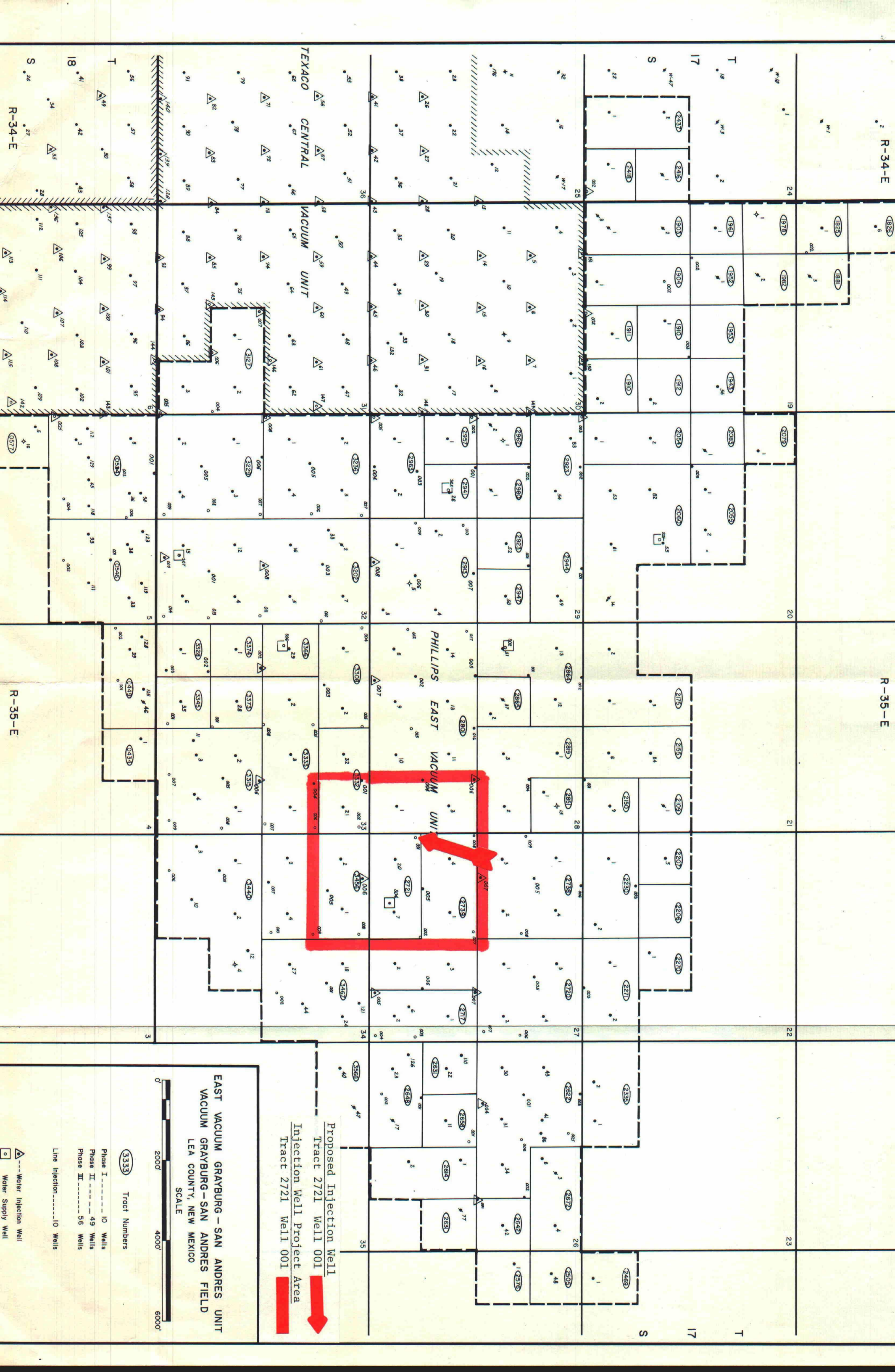
N. M. O. C. D. R-5897

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

TRACT 2721 WELL 002

CONVERSION TO WATER INJECTION STATUS





R-34-E

R-35-E

TEXACO CENTRAL

VACUUM UNIT

PHILLIPS EAST VACUUM UNIT

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

SCALE



(3333) Tract Numbers

Phase I - 10 Wells

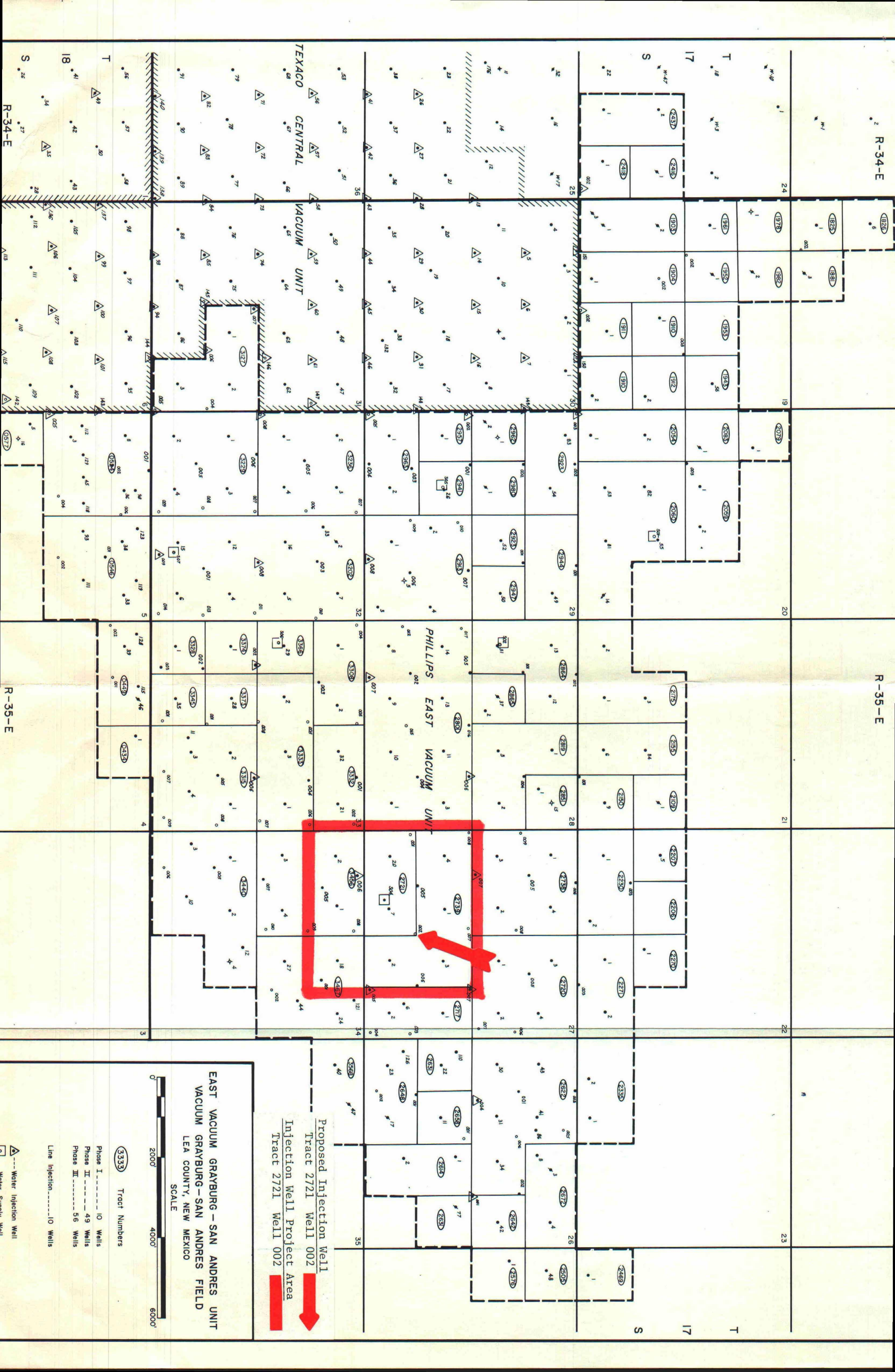
Phase II - 49 Wells

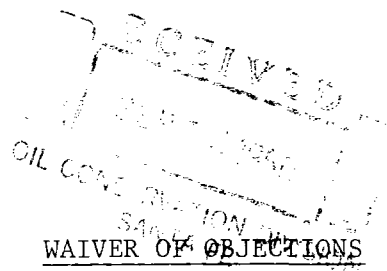
Phase III - 56 Wells

Line Injection - 10 Wells

Water Injection Well

Water Supply Well





September 9, 1980

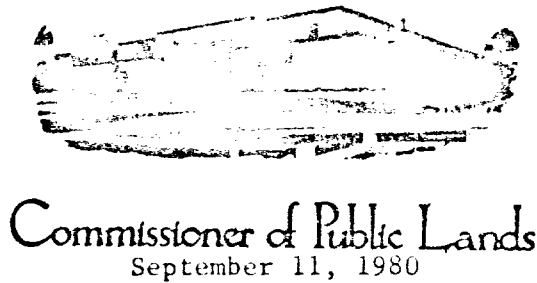
Phillips Petroleum Company
Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit,
Tract 3127, Well No. 005,
Lea County, New Mexico

Texaco, Inc., as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company for one cooperative line injection well to be equipped for injection service on their East Vacuum Grayburg-San Andres Unit, Tract 3127, Well No. 005, located (Unit P) 10' FSL and 10' FEL, Section 31, T-17-S, R-35-E, Lea County, New Mexico.

Company: Texaco Inc.
By: C. R. Hillman
Title: Asst. Div. Petr. Engr.
Date: 9-11-80

CAS:skm

State of New Mexico



Commissioner of Public Lands

September 11, 1980

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Allen K. Trobaugh
1405 First National Bank Building
Midland, Texas 79701

Re: Allen K. Trobaugh-
Eidson Com Well No. 1
N/2 Sec 28-T16S-R35E
Lea County, New Mexico

ATTENTION: Ms. Georgia Pace

Gentlemen:

The Commissioner of Public Lands has this date approved the communitization agreement covering the captioned lands for the PENNSYLVANIAN formation. The effective date is June 30, 1980 being the date the well was completed in the ATOKA.

Your agreement covering the same lands and approved by this office April 16, 1980, effective as of March 14, 1980, for the MISSISSIPPIAN formation has been terminated effective as of June 30, 1980.

Enclosed are Five (5) Certificates of Approval. Your Ten (\$10.00) Dollar filing fee has been received.

On your Exhibit "A", Tract No. 1, please change the lease Number from L-1432-1 to LG-1432-1. We have made this change on our two copies retained by this office.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505-827-2748

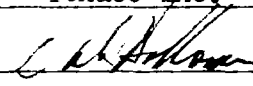
AJA/RDG/s
encls.

cc: OCD-Santa Fe, New Mexico ✓

Waiver of Objections

Phillips Petroleum Company
Conversion to Water Injection Service
East Vacuum Gb/SA Unit, Tract 1911
Well No. 002
East Vacuum Gb/SA Unit, Tract 3127
Well No. 007
Lea County, New Mexico

Texaco Inc., as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company for two cooperative line injection wells to be equipped for injection service on their East Vacuum Gb/SA Unit, Tract 1911, Well No. 002, located (Unit O) 50' FSL and 2470' FEL, Section 19, T-17-S, R-35-E, and East Vacuum Gb/SA Unit, Tract 3127, Well No 007, located (Unit J) 2560' FSL and 2550' FEL, Section 31, T-17-S, R-35-E, Lea County, New Mexico.

Company: Texaco Inc.
By: 
Title: Asst. Div. Petr. Engr.
Date: September 9, 1980

CAS/brb