



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

August 25, 1980

Waiver of Objection for
Conversion to Water Injection
East Vacuum Gb/SA Unit, Tract 1911
Well No. 002, and East Vacuum Gb/SA
Unit, Tract 3127, Well No. 007
Lea County, New Mexico

Texaco Inc.
Box 728
Hobbs, New Mexico 88240

Attn: Mr. John V. Gannon
District Superintendent

Gentlemen:

We respectfully request your waiver of objections for two cooperative line injection wells to be equipped for injection service per attached schematic. East Vacuum Gb/SA Unit Tract 1911, Well No. 002 is 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 is located (Unit J) 2560' FSL and 2550' FEL, Section 31, T-17-S, R-35-E, Lea County, New Mexico. Plats are attached showing locations of these wells. These are unorthodox locations as approved by Administrative Order No. NSL 1208.

For your convenience, we are attaching three copies of a waiver for your execution. Please forward one executed copy direct to the Oil Conservation Division, Santa Fe, New Mexico, furnish this office with one executed copy, and retain one copy for your file.

Your early consideration and reply will be appreciated. If questions arise, please contact Mike Brownlee--telephone Odessa, (915) 367-1413.



Very truly yours,

T. Harold McLemore
Area Regulation and
Proration Supervisor

CAS/brb
Attachments

✓ cc: Oil Conservation Division, 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.

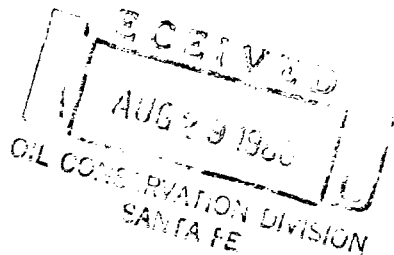
Company: _____

By: _____

Title: _____

Date: _____

CAS/brb





PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

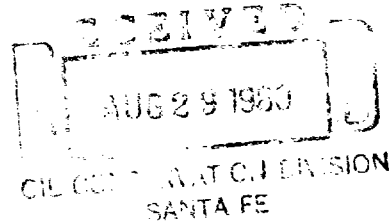
August 25, 1980
Odessa, Texas

Conversion to Water Injection Service
East Vacuum Grayburg-San Andres Unit
Tract 1911, Well No. 002 and
Tract 3127, Well No. 007
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
Post Office 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 1911, Well No. 002 and Tract 3127, Well No. 007, 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 1911, No. 002--Unit O, 19, 17-S, 35-E.) (Tract 3127, No. 007--Unit J, 31, 17-S, 35-E.)
2. B.H.C. Sonic Logs of the injection wells.
3. Diagramatic 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 4525' to 4700' and 4350' to 4700'. 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.

Administrative approval is requested under the cooperative line agreement with Phillips Petroleum Company as operator of the East Vacuum Unit and Texaco Inc. as operator of the Central Vacuum Unit. The attached letter

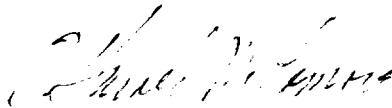
To: New Mexico Department of Energy and Minerals
Conversion to Water Injection Service--EVGSAU
August 25, 1980
Page 2

of request for waiver dated August 25, 1980, has previously been submitted to your office. Texaco Inc. is to furnish a waiver to your attention.

A status report on Order No. R-5897 on Exhibit C wells was submitted under date of August 19, 1980.

Your consideration and early advice will be appreciated.

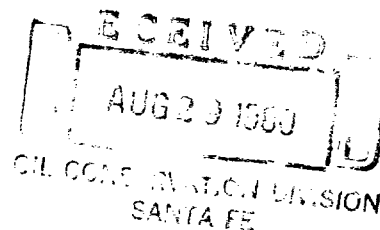
Very truly yours,



T. Harold McLemore
Area Regulation and Proration Supervisor

CAS/THM/brb
Attachments

cc: Oil Conservation Division
Hobbs, New Mexico
(attachments w/o BHC Sonic Logs)



PHILLIPS PETROLEUM COMPANY

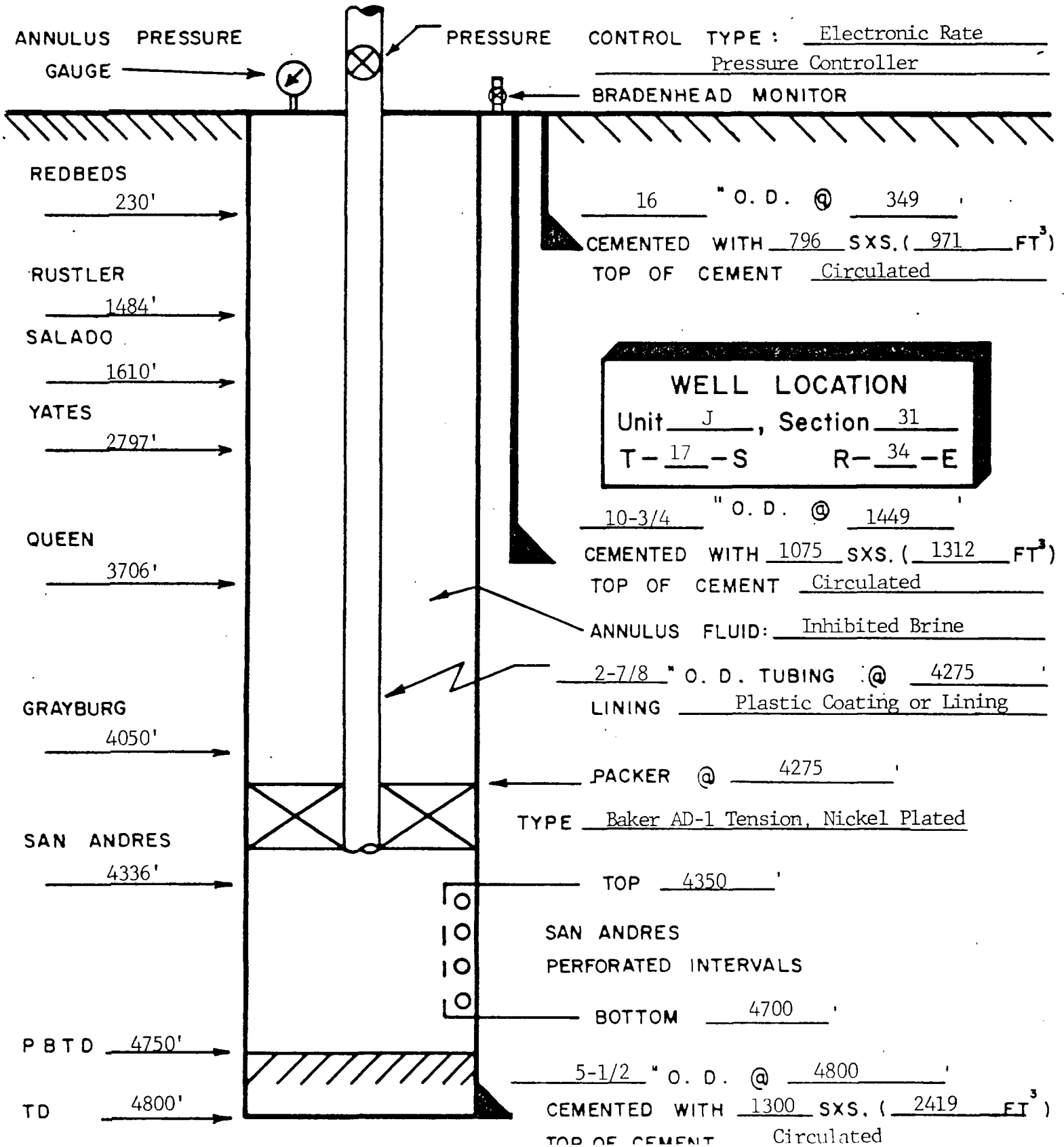
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

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

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

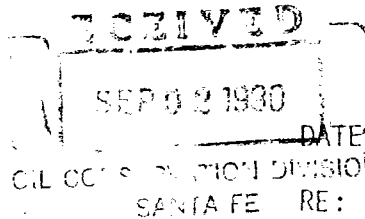
TRACT 3127 WELL 007

CONVERSION TO WATER INJECTION STATUS



OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



DATE August 28, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX X

Gentlemen:

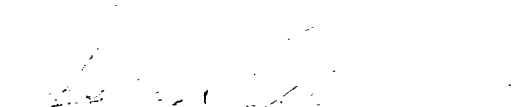
I have examined the application for the:

Phillips Pet. Co. E. Vacuum G/SA Unit Tr. 1911 #2-0 19-17-35 & Tr. 3127 #7-J 31-17-35
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,



/mc

PHILLIPS PETROLEUM COMPANY

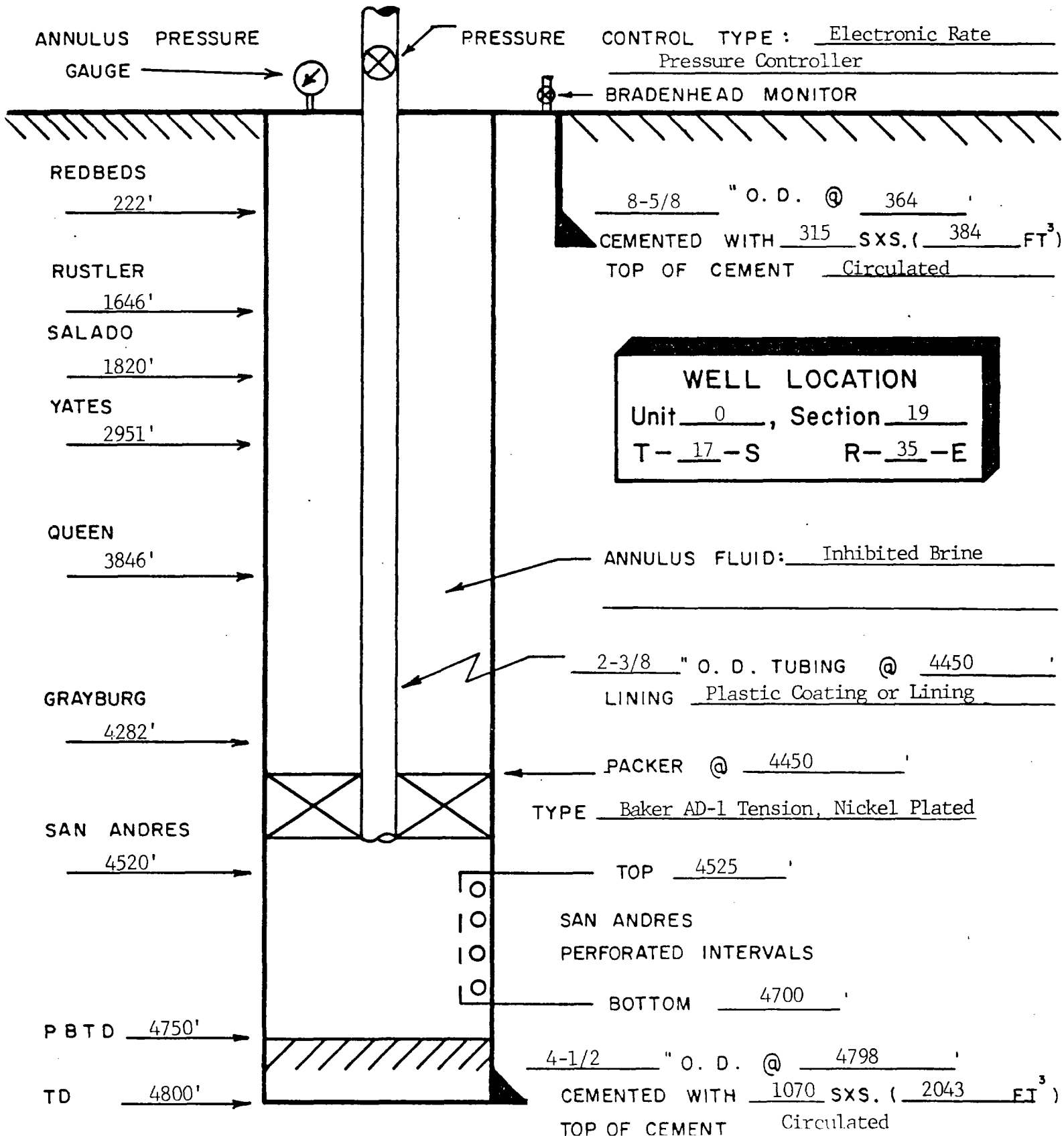
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

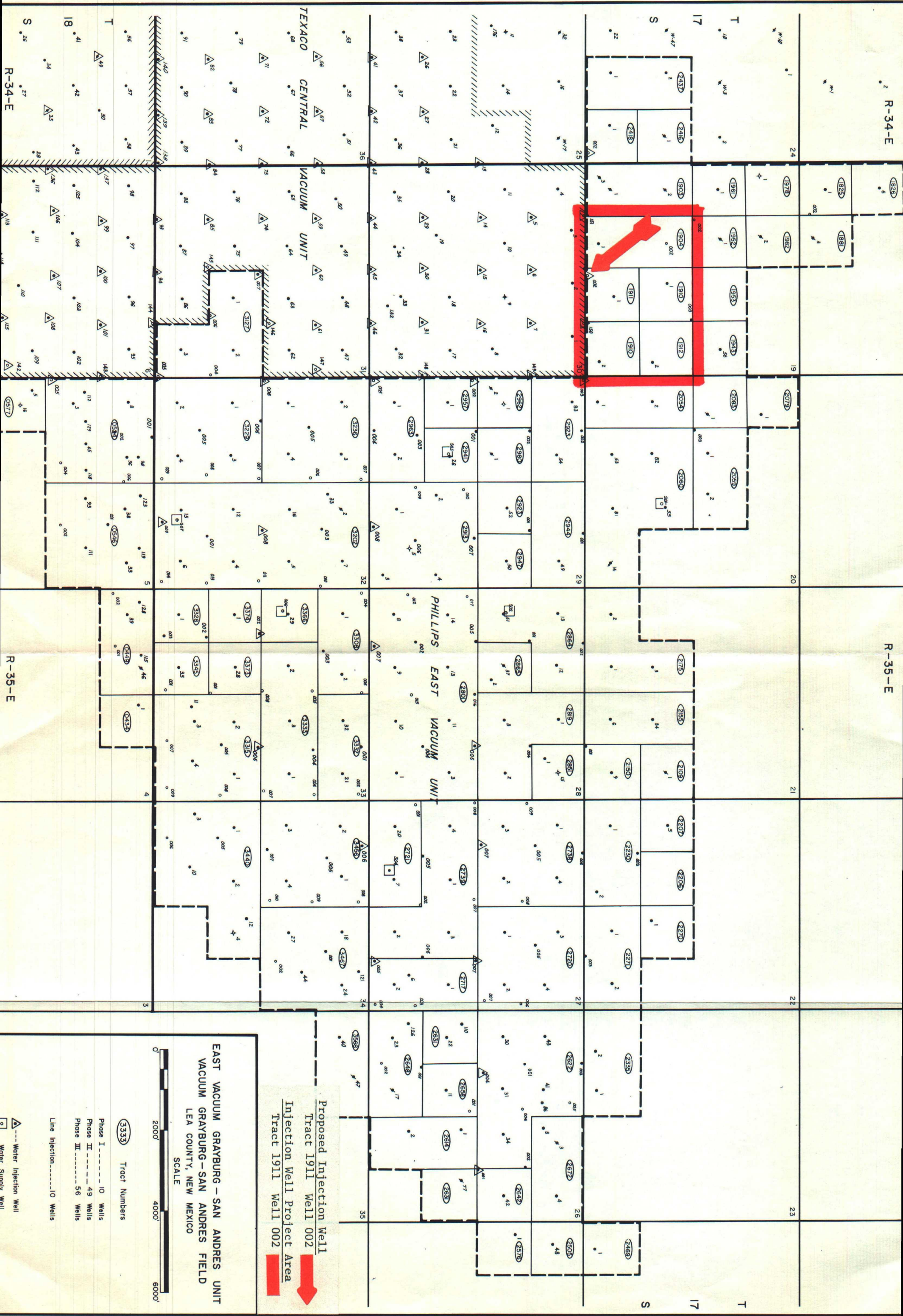
N. M. O. C. D. R-5897

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

TRACT 1911 WELL 002

CONVERSION TO WATER INJECTION STATUS





EAST VACUUM GRAYBURG - SAN ANDRES UNIT
VACUUM GRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO
SCALE
0 2000' 4000' 6000'

(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

Proposed Injection Well
Tract 1911 Well 002
Injection Well Project Area
Tract 1911 Well 002

