



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

February 19, 1981

Conversion to Water Injection Service--
East Vacuum Grayburg/San Andres Unit
Tract 2963, Well No. 005
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 2963, Well No. 005 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 2963, No. 005--Unit M, Section 29, T-17-S, R-35-E).
2. Compensated Neutron log of the injection well.
3. Diagramatic sketch of the proposed well, 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 well interval 4380' to 4520'. 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 bbls.

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. Attached herewith is letter of request for waiver


Conversion to Water Injection Service--
East Vacuum Grayburg/San Andres Unit
Tract 2963, Well No. 005
Lea County, New Mexico
Page: 2

dated February 18, 1981. Texaco is to furnish a waiver to your attention.

A status report on Order No. R-5897, Exhibit "C" Wells has previously been submitted.

Your consideration and early advice will be appreciated.

Very truly yours,



T. Harold McLemore
Area Regulation and
Proration Supervisor

SKN:
Attachments

cc: Oil Conservation Division
Hobbs, New Mexico
(Attachments w/o logs)



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

February 18, 1981

Waiver of Objection for Conversion
to Water Injection, East Vacuum
Grayburg/San Andres Unit, Tract 2963,
Well No. 005
Lea County, New Mexico

Texaco Inc.
P.O. Box 728
Hobbs, New Mexico 88240

Attention: Mr. John V. Gannon
District Superintendent

Gentlemen:

We respectfully request your waiver of objections for one cooperative line injection well to be equipped for injection service per attached schematic. East Vacuum Grayburg/San Andres Unit, Tract 2963, Well No. 005 is located (Unit M) 90' FSL and 50' FWL, Section 29, T-17-S, R-35-E, Lea County, New Mexico. A plat is attached showing the location of this well. This is an unorthodox location 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 directly 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

SKN:lw
Attachments

cc: Oil Conservation Division
Santa Fe, New Mexico

Waiver of Objection

Phillips Petroleum Company
Conversion to Water Injection Service
East Vacuum Grayburg/San Andres Unit
Tract 2963, 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 2963, Well No. 005, located (Unit M) 90' FSL and 50' FWL, Section 29, T-17-S, R-35-E, Lea County, New Mexico.

Company: _____
By: _____
Title: _____
Date: _____

SKN:lw ,

PHILL S PETROLEUM COMPAN.

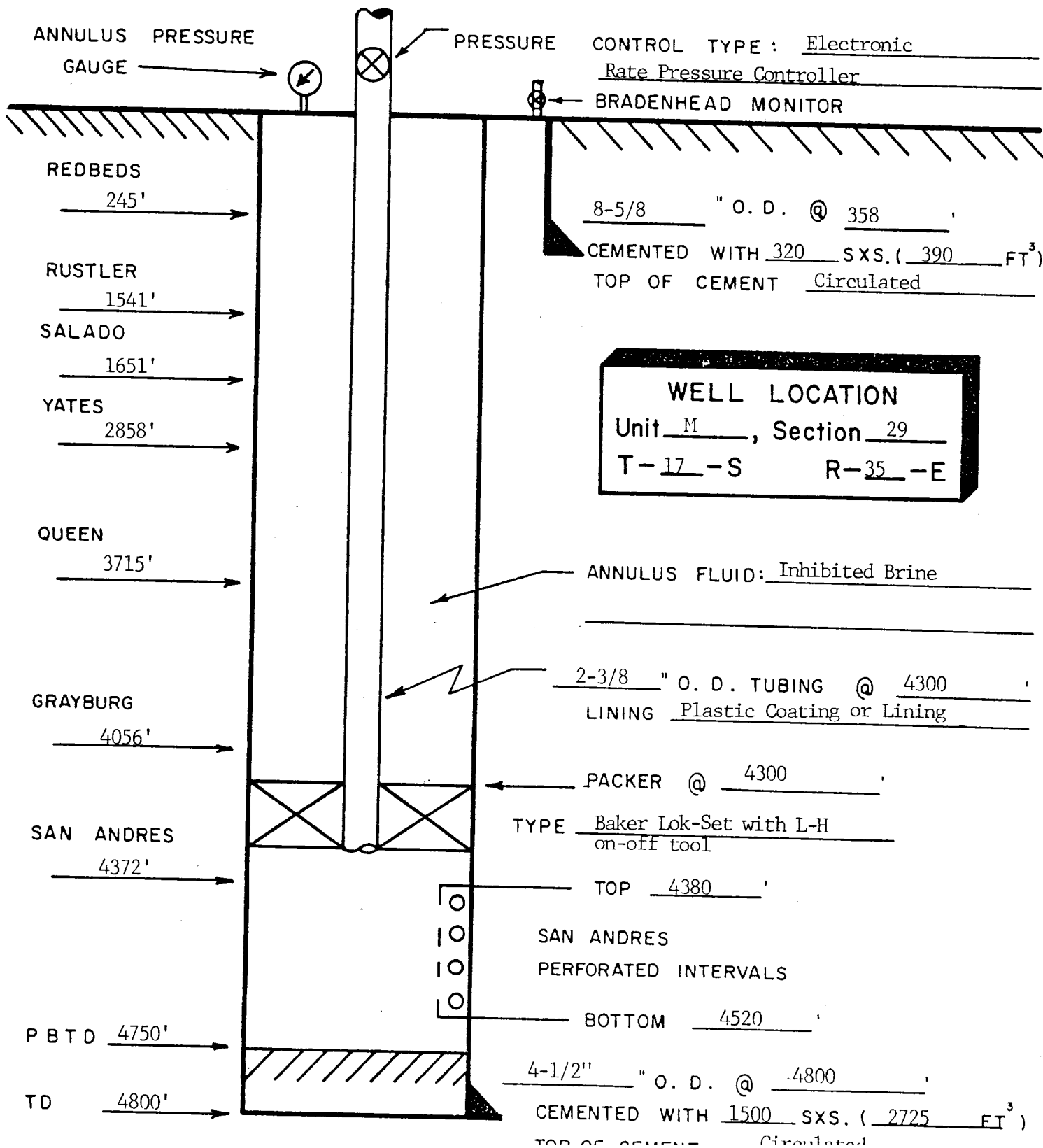
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

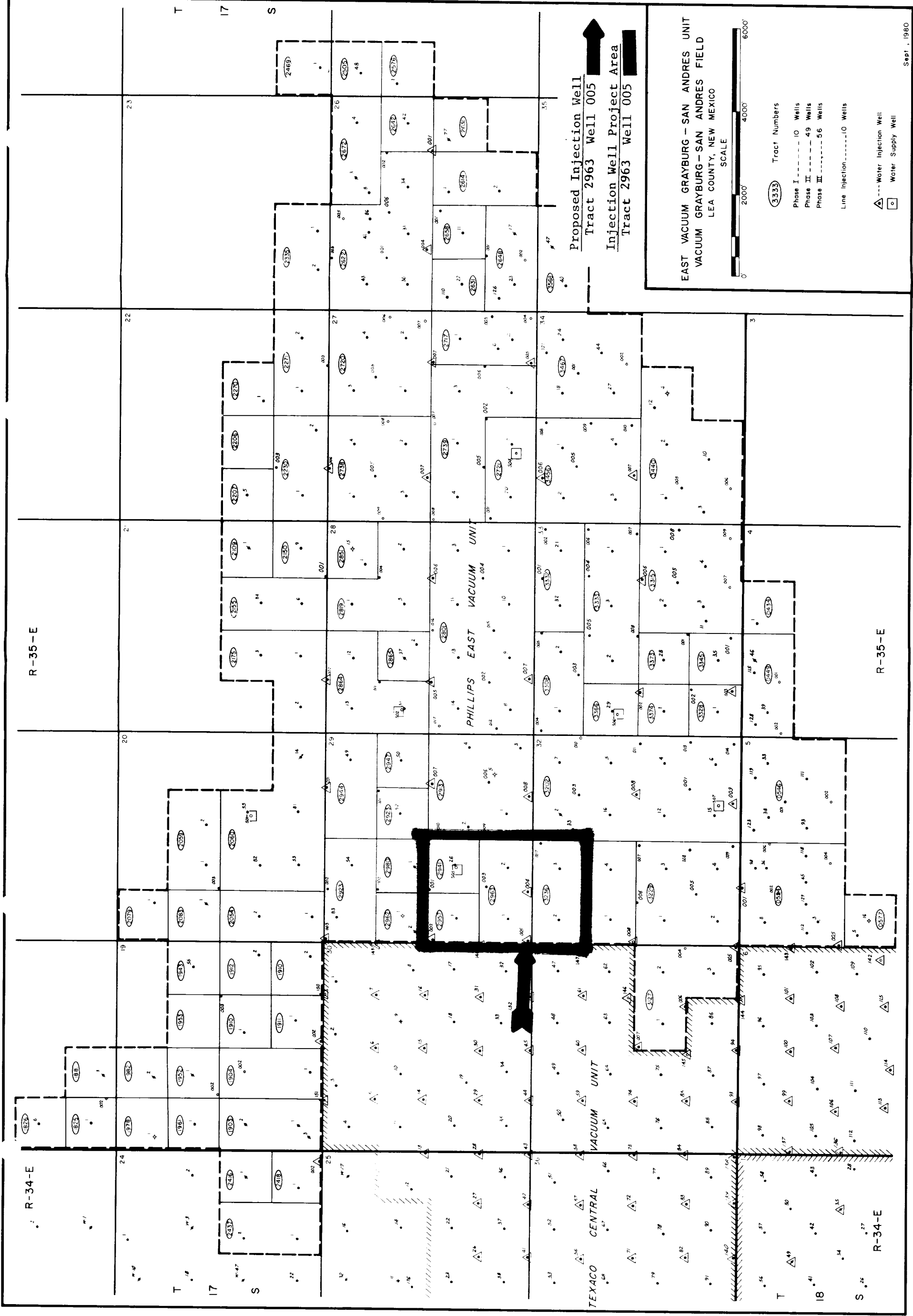
N. M. O. C. D. R-5897

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

TRACT 2963 WELL 005

CONVERSION TO WATER INJECTION STATUS







RECEIVED

FEB 20 1981

CDL CONTROL STATION UNIT