



PHILLIPS PETROLEUM COMPANY

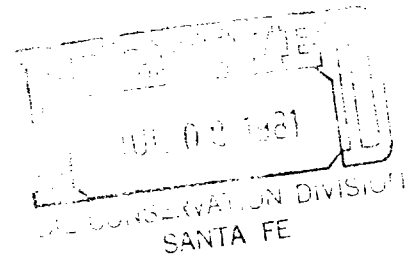
ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

June 26, 1981

Conversion to Water Injection Service--
East Vacuum Grayburg/San Andres Unit
Tract 2054, Well No. 003
Vacuum Gb/SA Pool
Lea County, New Mexico

New Mexico Department of Energy & Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501



Attention: Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval of expansion of waterflood pressure maintenance project, as provided by Order No. R-5897, Rule 9, for the East Vacuum Grayburg/San Andres Unit, pressure maintenance project, to convert East Vacuum Gb/SA Unit Tract 2054, 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 project area (Tract 2054, No. 003--Unit M, Section 20, T-17-S, R-35-E.)
2. Borehole Compensated 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 well interval as follows: 4590'-4700'. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforation with a maximum daily volume anticipated at 2500 bbls for the identified well.

By copy hereof, all offset operators are notified of this application. Their waivers of objection are requested.

Conversion to Water Injection Service

June 26, 1981

Page: 2

Your consideration and early advice will be appreciated.

Yours very truly,



T. Harold McLemore
Regulation and Proration Supervisor

AJ:gr

Attachments w/logs

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

Texaco Inc.
P. O. Box 3109
Midland, TX 79702
(Attachments w/o logs)

PHILLIPS PETROLEUM COMPANY

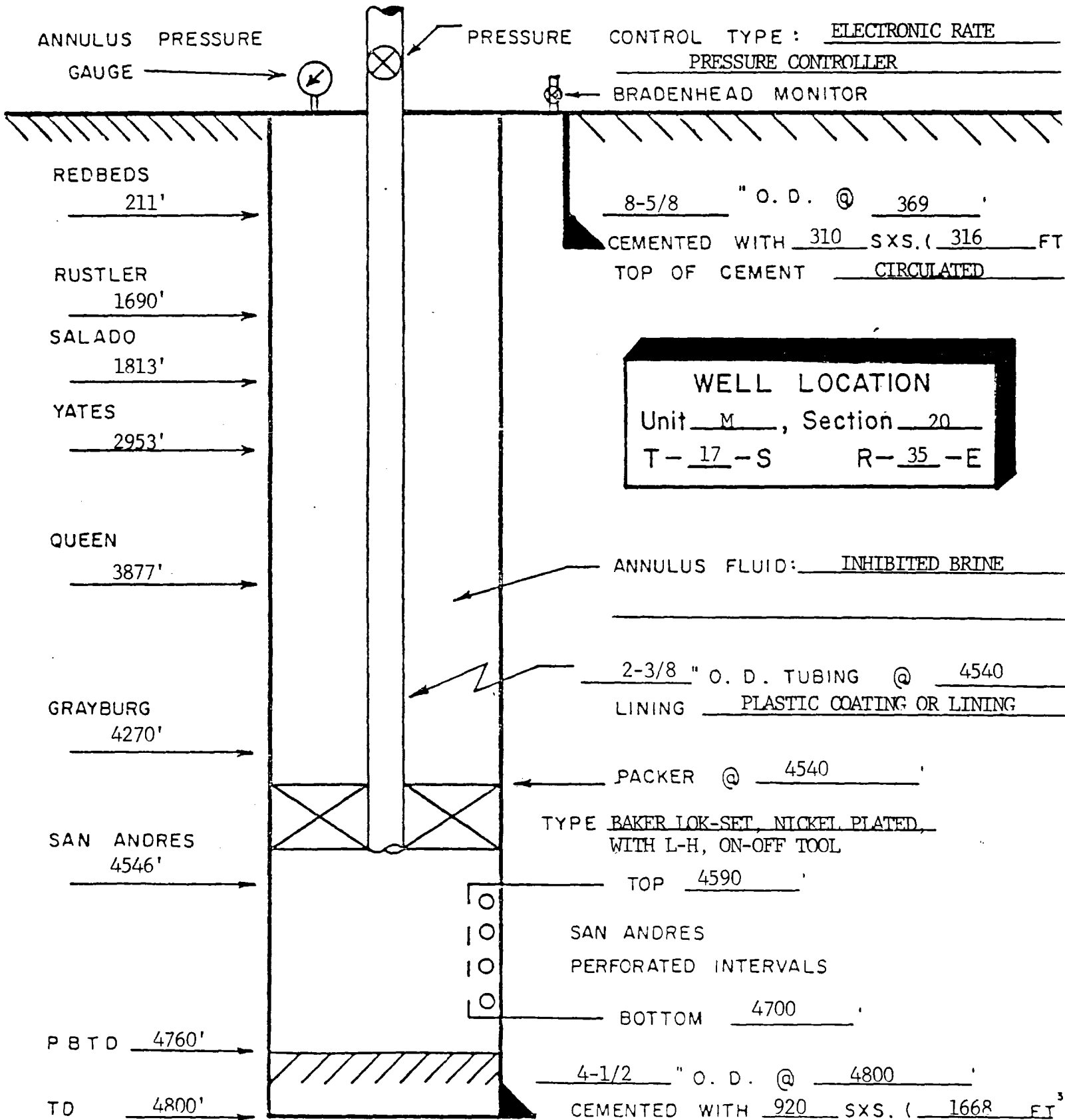
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

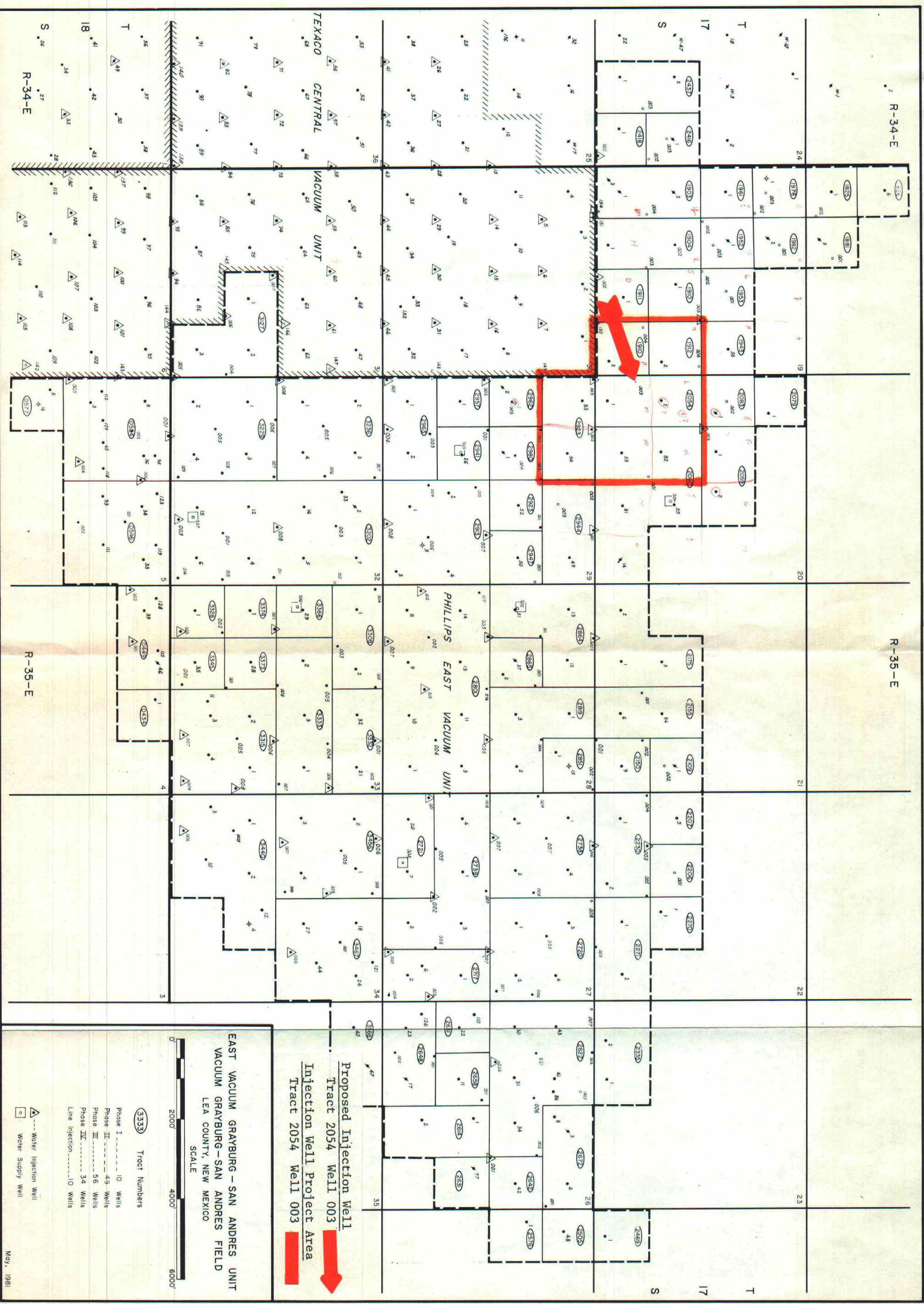
N. M. O. C. D. R-5897

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

TRACT 2054 WELL 003

CONVERSION TO WATER INJECTION STATUS





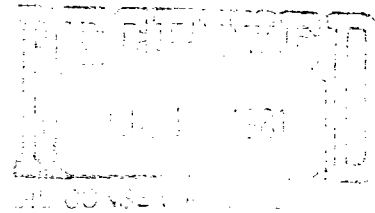
Proposed Injection Well
Tract 2054 Well 003
Injection Well Project Area
Tract 2054 Well 003



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT

July 10, 1981



SANTA TEXACO

U.S.A.

A DIVISION OF TEXACO INC.

P. O. BOX 3109

MIDLAND, TEXAS 79702

FLUID INJECTION APPLICATION
PHILLIPS PETROLEUM COMPANY
EAST VACUUM GRAYBURG/SAN ANDRES UNIT
TRACT 2054, WELL NO. 003
VACUUM GRAYBURG/SAN ANDRES POOL
LEA COUNTY, NEW MEXICO

New Mexico Department of Energy & Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Attention: Mr. Joe D. Ramey

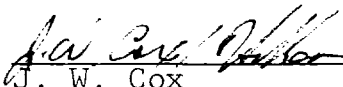
Gentlemen:

Texaco Inc. has been advised by Phillips Petroleum Company of their application to inject fluid into the subject well. We understand injection will be from 4590' to 4700'. The well is located in Tract 2054, Section 20, T-17-S, R-35-E, Lea County, New Mexico.

Texaco Inc., as an offset operator, waives objection to the application.

Yours very truly,

Alan R. McDaniel
Division Manager

By 
J. W. Cox
Petroleum Engineering Manager

CRW/lr

cc: Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

OIL CONSERVATION DIVISION
DISTRICT I

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

DATE June 30, 1981

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

Gentlemen:

I have examined the application for the:

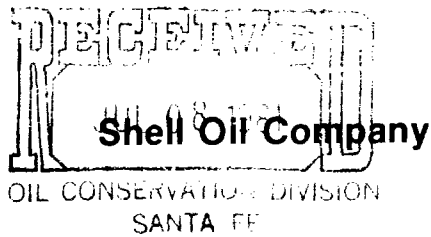
Phillips Pet. Co. E. Vacuum G/SA Unit Tr. 2054	No. 3-M	20-17-35
Operator	Lease and Well No.	Unit, S - T - R

and my recommendations are as follows:

O.K. --- J.S.

Yours very truly,

/inc



June 22, 1981

P.O. Box 991
Houston, Texas 77001

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

SUBJECT: WAIVER OF OBJECTION FOR FLUID INJECTION
EAST VACCUUM GRAYBURG/SAN ANDRES UNIT
TRACT 2672, WELL NO. 001
LEA COUNTY, NEW MEXICO

This is to advise you that as an offset operator, we have been notified of Phillips Petroleum Company's application to inject fluid into the subject well. The surface location of the well is Unit A, Section 26, T-17-S, R-35-E.

Being an authorized representative of the offset operator, we hereby waive any objection to approval for fluid injection into this well.

Yours very truly,

SHELL OIL COMPANY
Offset Operator

BY: A. J. Fore A. J. FORE

DATE: 6-22-81

cc: Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762