



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. Diagrammatic 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
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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)

Aug Dev



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 ,

PHILLIPS PETROLEUM COMPANY

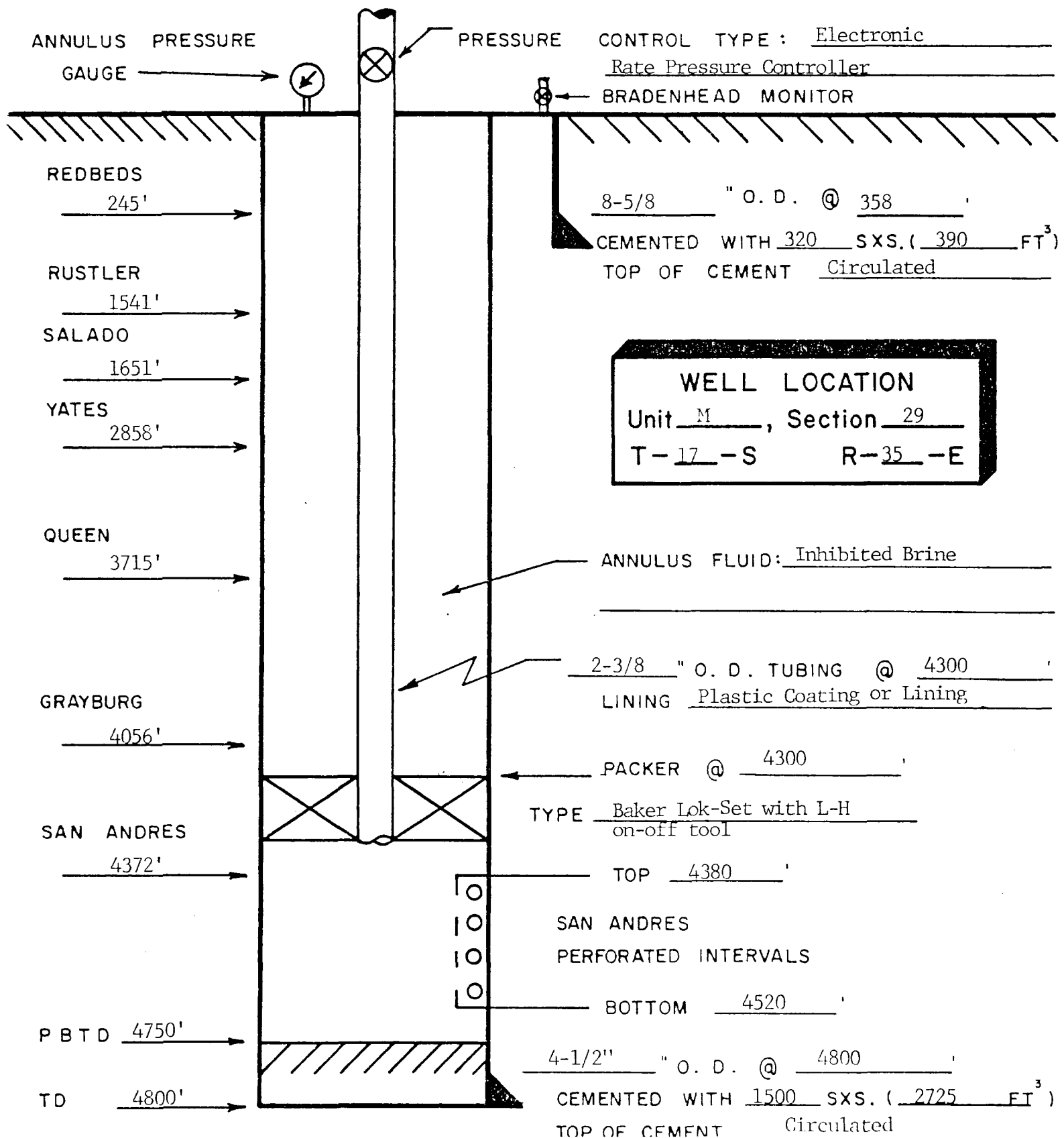
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

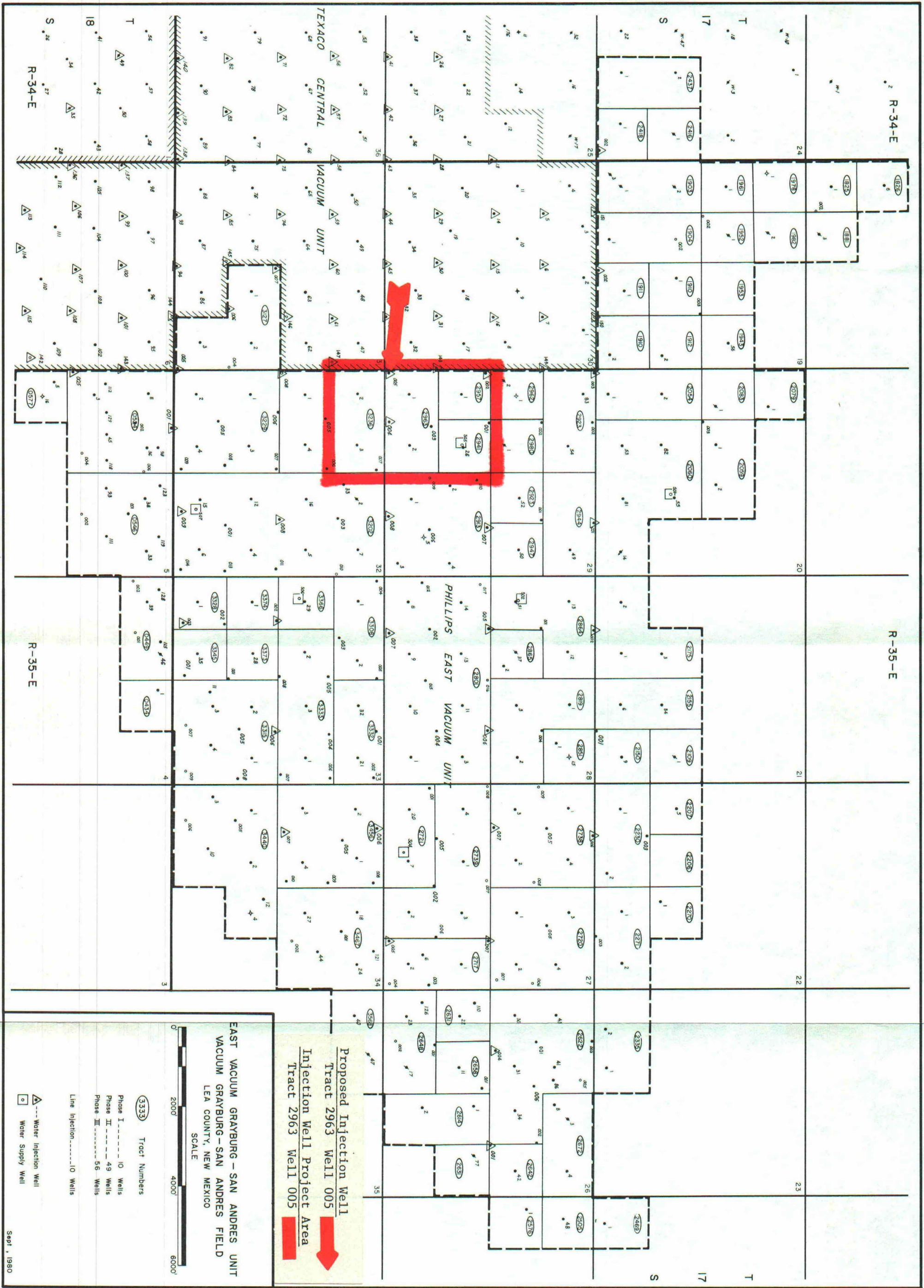
N. M. O. C. D. R - 5897

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

TRACT 2963 WELL 005

CONVERSION TO WATER INJECTION STATUS





Proposed Injection Well
Tract 2963 Well 005
Injection Well Project Area

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

Sept, 1980

OIL CONSERVATION DIVISION
DISTRICT I

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

DATE February 23, 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 Petroleum Co. East Vacuum G/SA Unit Tr. 2963 #5-M 29-17-35
Operator _____ Lease and Well No. _____ Unit, S - T - R _____

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

James D. Linton

/mc

PMX-101



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

Oil Conservation Division
1220 S. Francis Drive
Santa Fe, NM 87505

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX X _____

Gentlemen:

I have examined the application for the:

Phillips Petroleum Co East Vacuum CB/A Unit Tr. 2963 5-m
Operator Lease & Well No. Unit S-T-R 29-175-35e
and my recommendations are as follows: API# 30-025-2686

Check cement top on 29-175-35e UGWA #70

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1