

Release Dub. February 1, 1988

By SAC

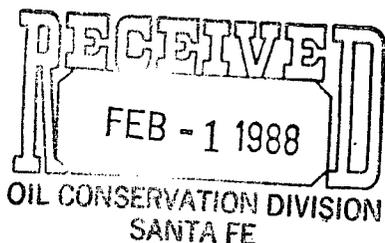


PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

January 27, 1988



Order R-5897 - Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres unit
Well No. 3229-012
Vacuum Grayburg/San Andres Pool
Lea County, New Mexico

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

*East Vacuum Grayburg
San Andres Unit
Tract 3229
Well No. 012*

*NSL-24728
RULE-104F(I)*

*2630 FSL & 569 FWL
Section 32, T-17 South, R-35 East,
Vacuum Grayburg San Andres Pool
40 Acres ded -
NW 1/4 SW 1/4*

Attn: William J. Lemay
Director

Gentlemen:

Administrative approval, provided by Order No. R-5897 and Statewide Rule 104F (III)(IV), is requested to permit drilling the unorthodox location of subject well.

As offset operator, Texaco, Inc. has been notified of this application and has waived any objections. Attached is a project plat identifying all producing and injection wells therein, and a statement explaining the necessity for this location.

Your early consideration is appreciated. Contact me at (915) 367-1488 if you have any questions.

Yours very truly,

Larry M. Sanders, Supervisor
Regulation and Proration

LMS/JLD/sdb
REG/PRO7/order-evgsau4

Attachment

cc: New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

| | | |
|------------------------|--|--|
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5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-1576-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

| | | | |
|--|--|--|---|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name East Vacuum Gb/SA Unit | |
| b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> | | 8. Farm or Lease Name East Vacuum Gb/SA Unit | |
| 2. Name of Operator Phillips Petroleum Company | | 9. Well No. 3229 012 | |
| 3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762 | | 10. Field and Pool, or Wildcat Vacuum Gb/SA | |
| 4. Location of Well Unit Letter <u>L</u> Located <u>2630</u> feet From the <u>South</u> Line And <u>569</u> Feet From The <u>West</u> Line of Sec. <u>32</u> TWP. <u>17-SRGE 35-E</u> NMPM | | | |
| | | 12. County Lea | |
| | | 19. Proposed Depth 4800' | 19A. Formation Grayburg/SA |
| | | 20. Rotary or C.T. Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) 3969.6 GL | 21A. Kind & Status Plug. Bond Blanket | 21B. Drilling Contractor Will advise later | 22. Approx. Date Work Will Start Upon approval |
| 23. PROPOSED CASING AND CEMENT PROGRAM | | | |

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|----------|
| 17-1/2" | 13-3/8" | 48# | 1530' | 1400 sk "C" | Surface |
| 11" | 8-5/8" | 32# & 24# | 3150' | Caliper + 30% (1) | Surface |
| 7-7/8" | 5-1/2" | 14# | 4800' | Caliper + 30% (2) | Surface |

- (1) Lead - 50-50 Pozmix (Class H) w/ 2% Bentonite & 5% salt.
Tail - Class H w/ 5% salt.
- (2) Lead - 65-35 Pozmix (Class C) w/ 6% Bentonite & 2% CaCl₂ & .8% Halad 9.
Tail - 300 sk Class C Neat.
- Intermediate string contingent on waterflow.
Use mud additives as required for control.
BOP Equipment: Series 900, 3000# WP (see attached schematic - Figure 7-9 or 7-10).

In above space describe proposed program: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. J. Mueller TITLE Engineering Supervisor, Resv. DATE 11/27/88

APPROVED BY _____ TITLE _____ DATE _____

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-126
Effective 1-1-65

All distances must be from the outer boundaries of the Section

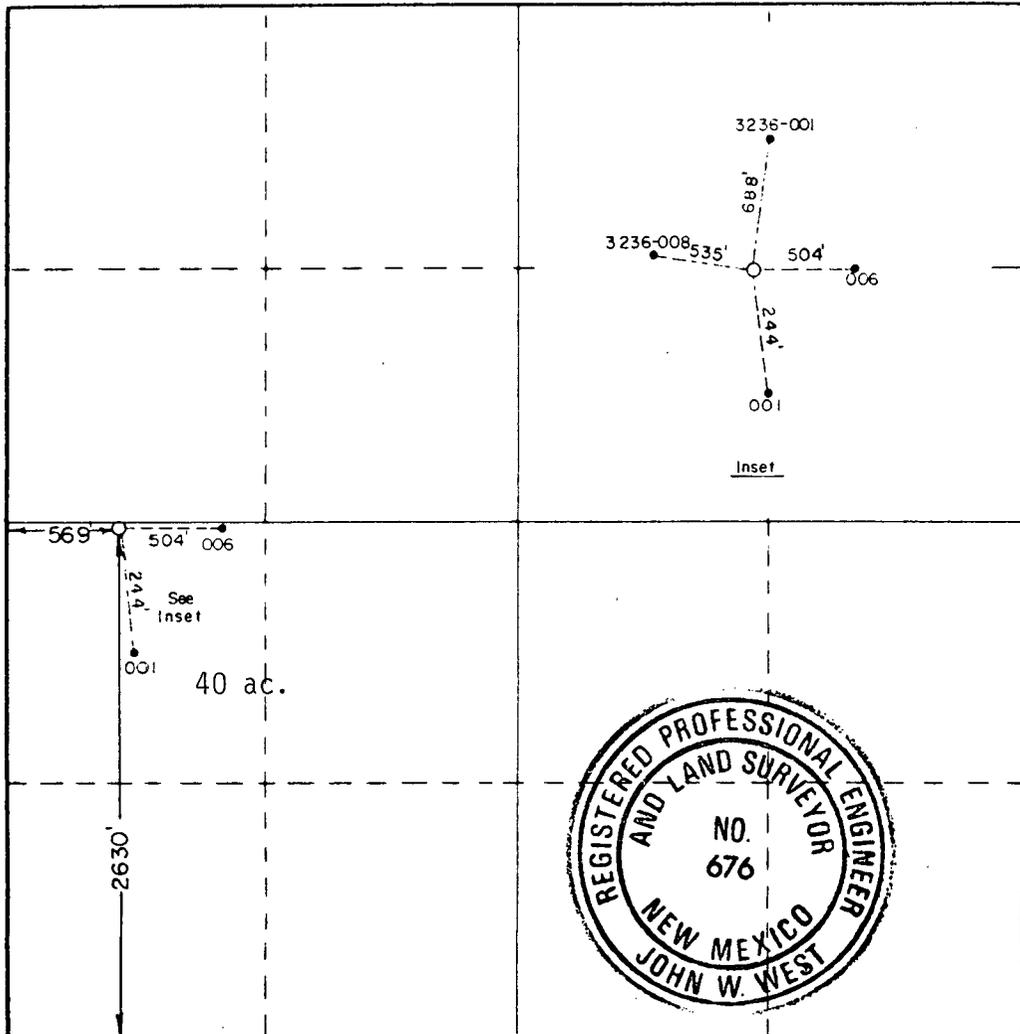
| | | | | | |
|---|---|-----------------------------|------------------------------|---------------------------------|-----------------------------|
| Operator Phillips Petroleum Co. | | | Lease E.V.G.S.A.U. | | Well No. 3229-012 |
| Unit Letter L | Section 32 | Township 17 South | Range 35 East | County Lea | |
| Actual Footage Location of Well: 2630 feet from the South line and 569 feet from the West line | | | | | |
| Ground Level Elev. 3969.6 | Producing Formation Grayburg San Andres | | Pool Vacuum | Dedicated Acreage: 40 | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]
Name: **W. J. Mueller**

Position: **Eng. Supervisor, Reservoir**

Company: **Phillips Petroleum Co.**

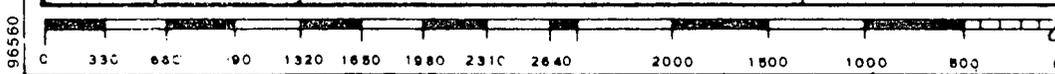
Date: **11/27/88**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **December 23, 1987**

Registered Professional Engineer and/or Land Surveyor:
[Signature]

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239





Received

Texaco USA
Producing Department

PO Box 3109
Midland TX 79702

JAN 22 1988

P.E.R. Regulatory Section

January 21, 1988

New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Attention: Rule 37 Section

RE: GOV - STATE AND LOCAL GOVERNMENTS
New Mexico Oil Conservation Division
Waiver Request
Rule 37 Exception

Gentlemen:

Texaco Inc., as an offset operator, hereby waives any objection to the request of Phillips Petroleum Company to drill and complete the East Vacuum Grayburg/San Andres Unit Well No. 3229-012 in the Vacuum Grayburg/San Andres Pool.

It is understood that the well is to be located 2630' FSL and 569' FWL of Section 32, T-17-S, R-35-E, Lea County, New Mexico.

Yours very truly,

James W. Cox, Jr.

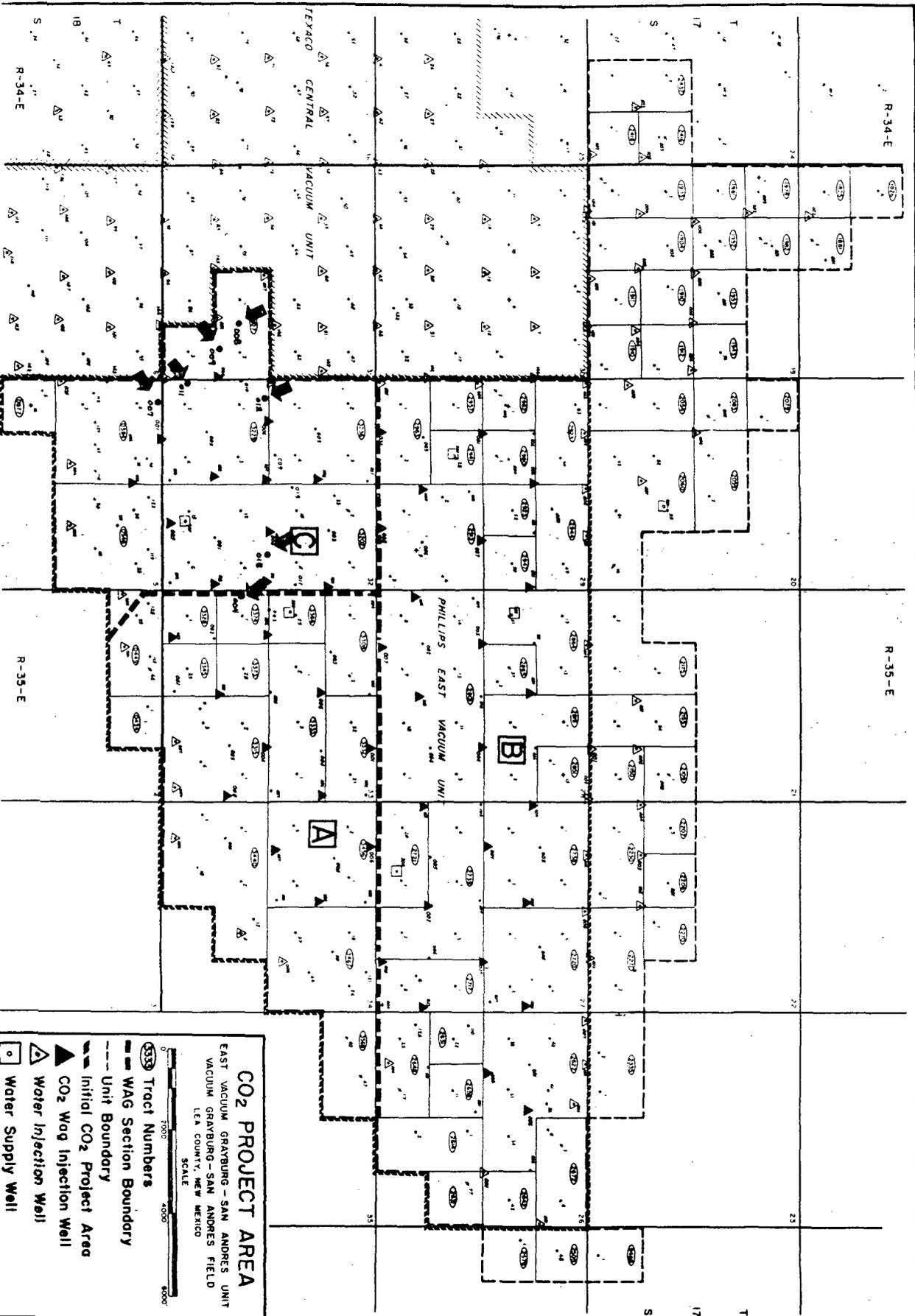
James W. Cox
Engineering Manager

APR/so

EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3229-012

The proposed infill producer is required to convert a 40-acre five spot pattern within the WAG Area to a 40-acre inverted nine-spot pattern. The 10-acre infill location will increase the WAG flood efficiency by producing oil currently trapped between adjacent injectors.

REG/PR06/evgsau



CO2 PROJECT AREA
 EAST VACUUM GRAYBURG - SAN ANDRES FIELD
 VACUUM GRAYBURG - SAN ANDRES FIELD
 LEA COUNTY, NEW MEXICO

SCALE
 0 7000 8000

- 3339 Tract Numbers
- WAG Section Boundary
- Unit Boundary
- Initial CO2 Project Area
- ▲ CO2 WAG Injection Well
- Water Injection Well
- Water Supply Well



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
 GOVERNOR

POST OFFICE BOX 1980
 HOBBS, NEW MEXICO 88241-1980
 (505) 393-6161

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 OIL CONSERVATION DIVISION
 SANTA FE

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

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

Phillips Pet Co. EVGB&AU Tr. 3229 #12-L 32-17-35
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
 Jerry Sexton
 Supervisor, District 1

/ed