

Release Dub. February 1, 1988

Bq SAC

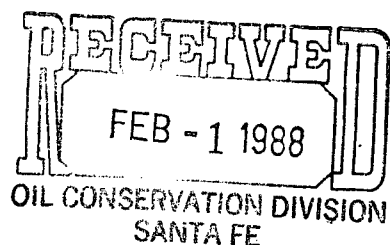


# PHILLIPS PETROLEUM COMPANY

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

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*

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

*NSL-24728*  
*RULE-104 F(I)*  
*East Vacuum Grayburg*  
*San Andres Unit*  
*Tract 3229*  
*Well No. 012 2630 FSL & 569 FUL*  
*Section 32, T-17 South, R-35 East,*  
*Vacuum Grayburg San Andres Pool*  
*40 Acres decd -*  
*NW 1/4 SW 1/4*

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED		
DISTRIBUTION		
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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <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-S</u> RGE <u>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% CaCl<sub>2</sub> & .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 \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**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

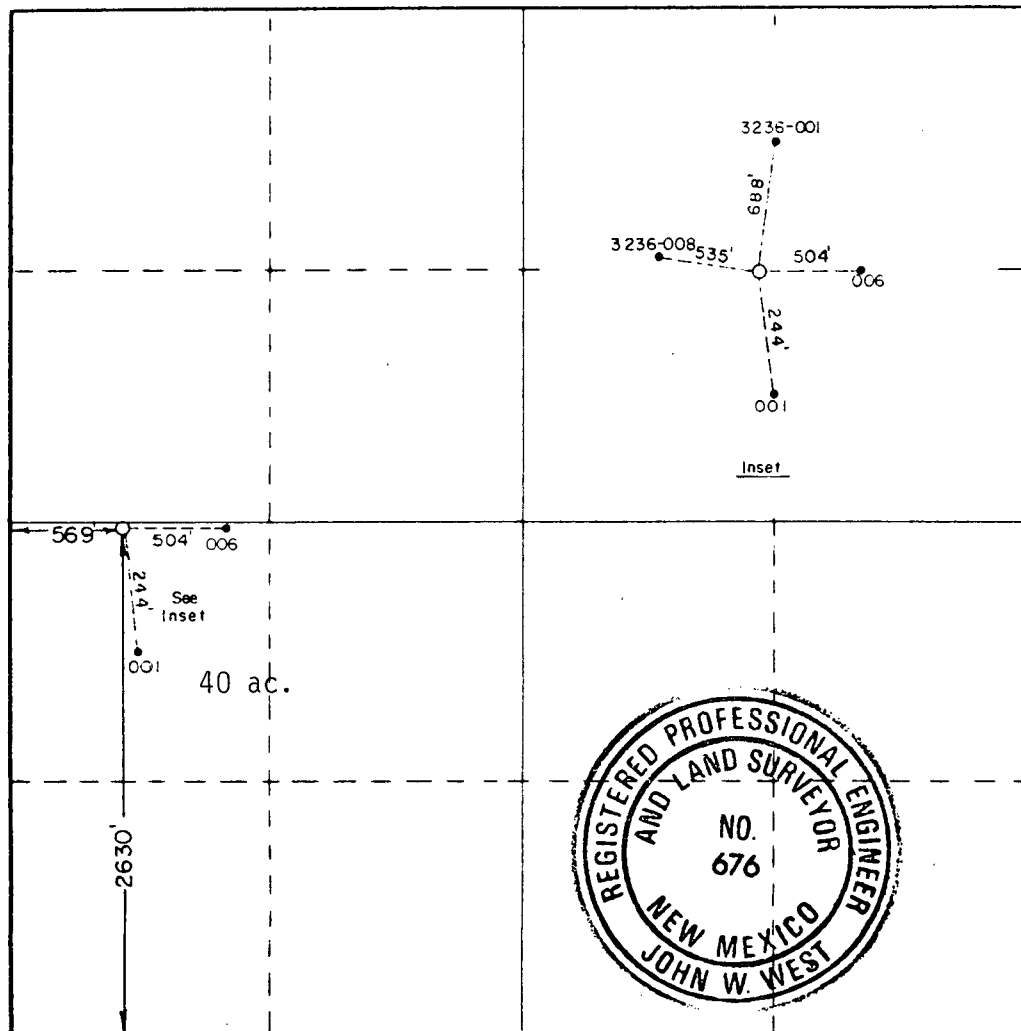
Operator <b>Phillips Petroleum Co.</b>			Lease <b>E.V.G.S.A.U.</b>		Well No. <b>3229-012</b>
Unit Letter <b>L</b>	Section <b>32</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2630</b> feet from the <b>South</b> line and <b>569</b> feet from the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

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.*

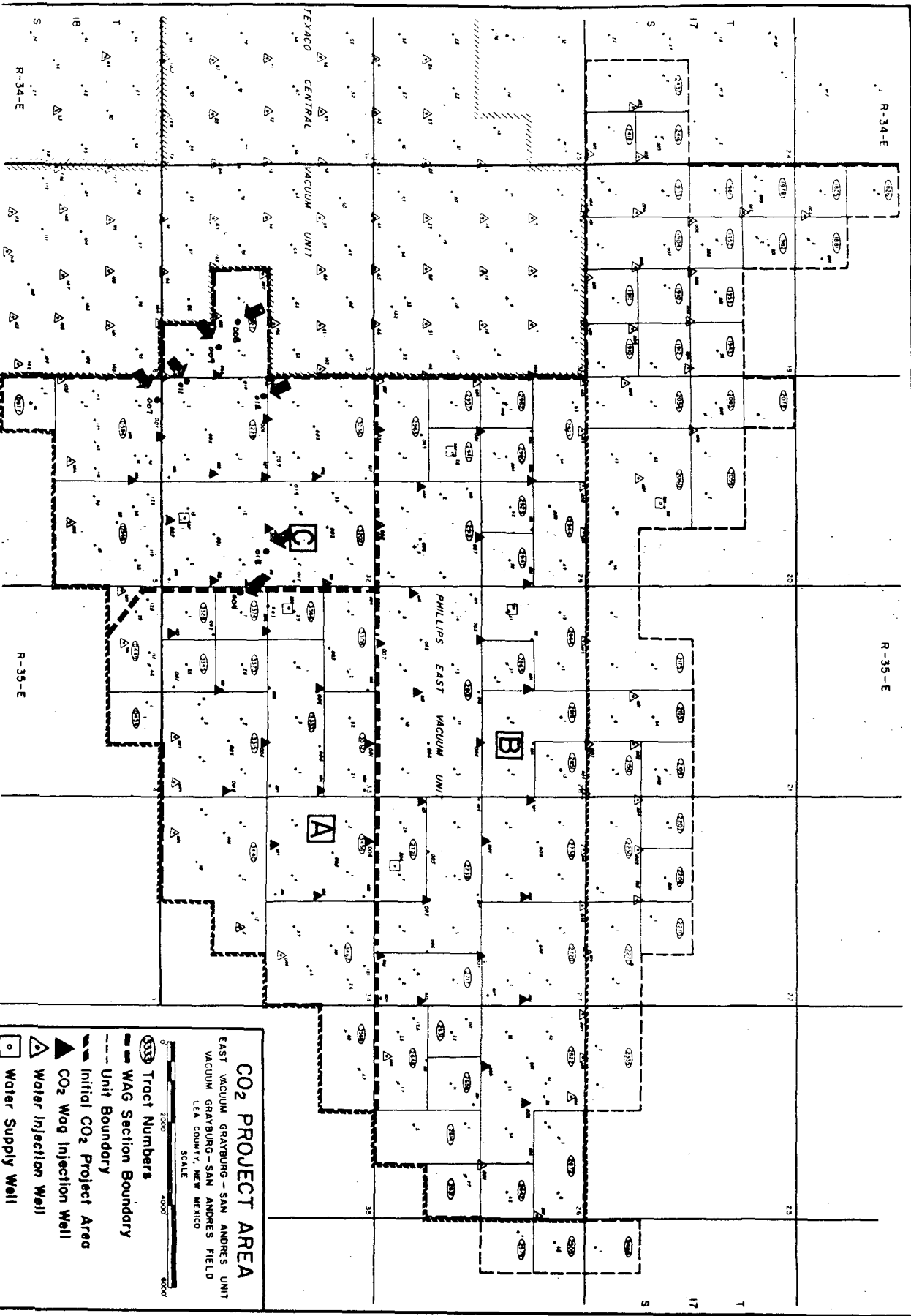
James W. Cox  
Engineering Manager

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 1000 2000 3000 4000 5000 6000

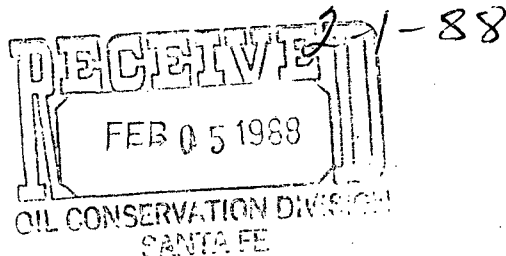
**Legend:**

- Tract Numbers
- 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

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  
Supervisor, District 1

/ed