

Release Dab.

By DC

February 1, 1988

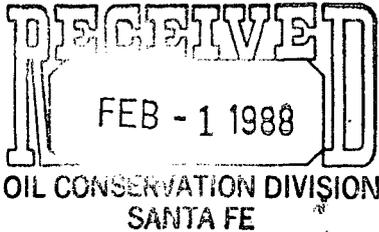


PHILLIPS PETROLEUM COMPANY

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. 3127-008
Vacuum Grayburg/San Andres Pool
Lea County, New Mexico

*East Vacuum Grayburg San
Andres Unit Tract 3127
Well No.*

*NSL-2477
RULE-104 F (I)*

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

008

*2173 FSL & 1410 FEL
Section 31, T-17 South, R-35 East,
Vacuum Grayburg San Andres Pool
40 Acres dec.
NW14 SE14 Sect 31*

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-evgsau

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

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-1527

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. 3127 008	
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>J</u> Located <u>1410 feet</u> From the <u>East</u> Line And <u>2173</u> Feet From The <u>South</u> Line of Sec. <u>31</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.) 3975.1 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 1/27/88

APPROVED BY _____ TITLE _____ DATE _____

EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3127-008

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



Received

Texaco USA
Producing Department

PO Box 3109
Midland TX 79702

JAN 22 1988

P.B.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:

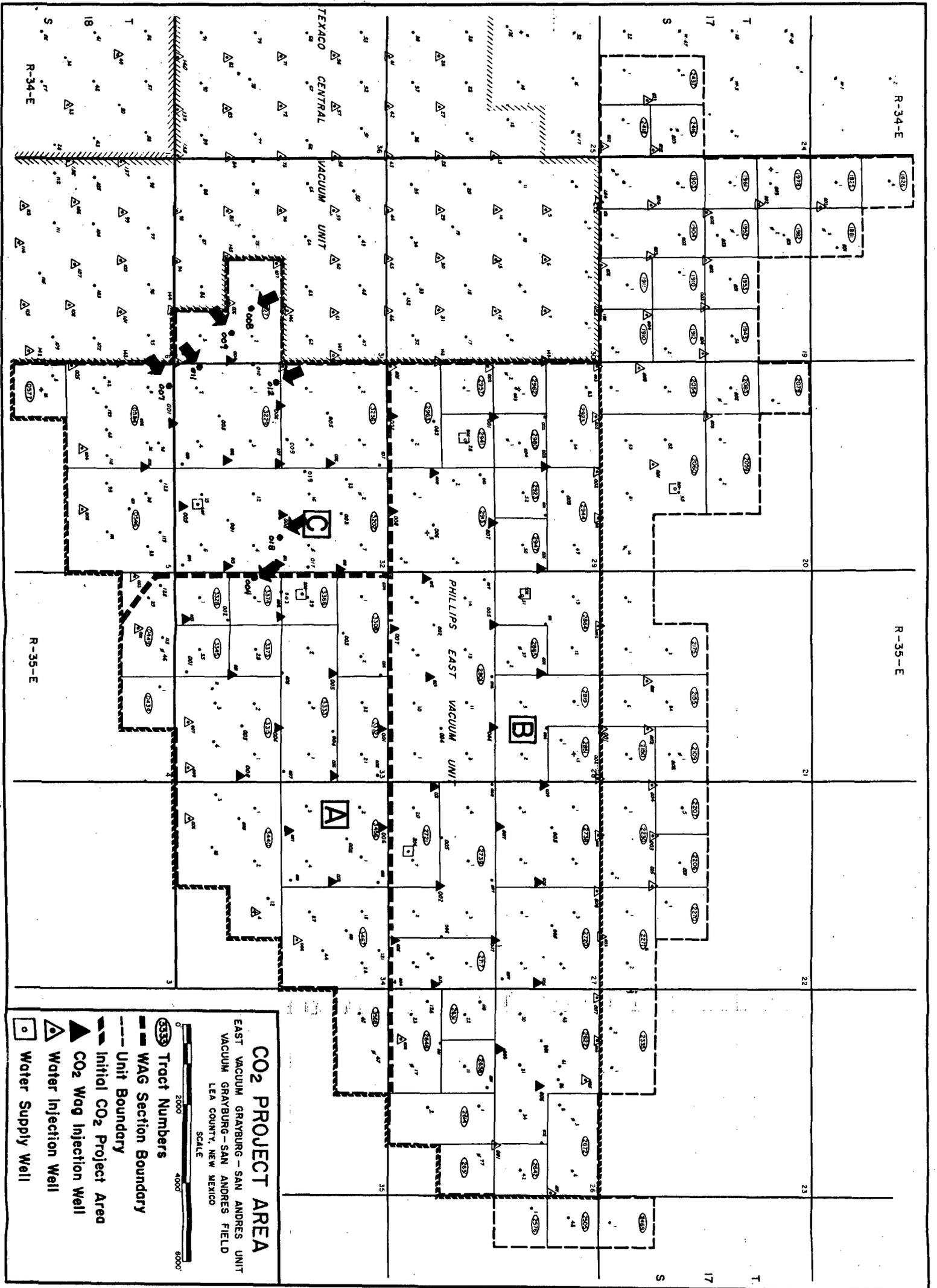
Texaco Inc., as an offset operator, hereby waives any objection to the request of Phillips Petroleum Company to drill and complete the East Vacuum Grayburg/San Andres Unit Well No. 3127-008 in the Vacuum Grayburg/San Andres Pool.

It is understood that the well is to be located 2173' FSL and 1410' FEL of Section 31, T-17-S, R-35-E, Lea County, New Mexico.

Yours very truly,

James W. Cox
Engineering Manager

APR/so



R-34-E

R-35-E

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R-34-E

R-35-E

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

SCALE
 0 2000' 4000' 6000'

- 3333 Tract Numbers
- WAG Section Boundary
- Unit Boundary
- Initial CO2 Project Area
- CO2 Wag Injection Well
- Water Injection Well
- Water Supply Well

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-152
Supersedes C-152
Effective

All distances must be from the outer boundaries of the Section

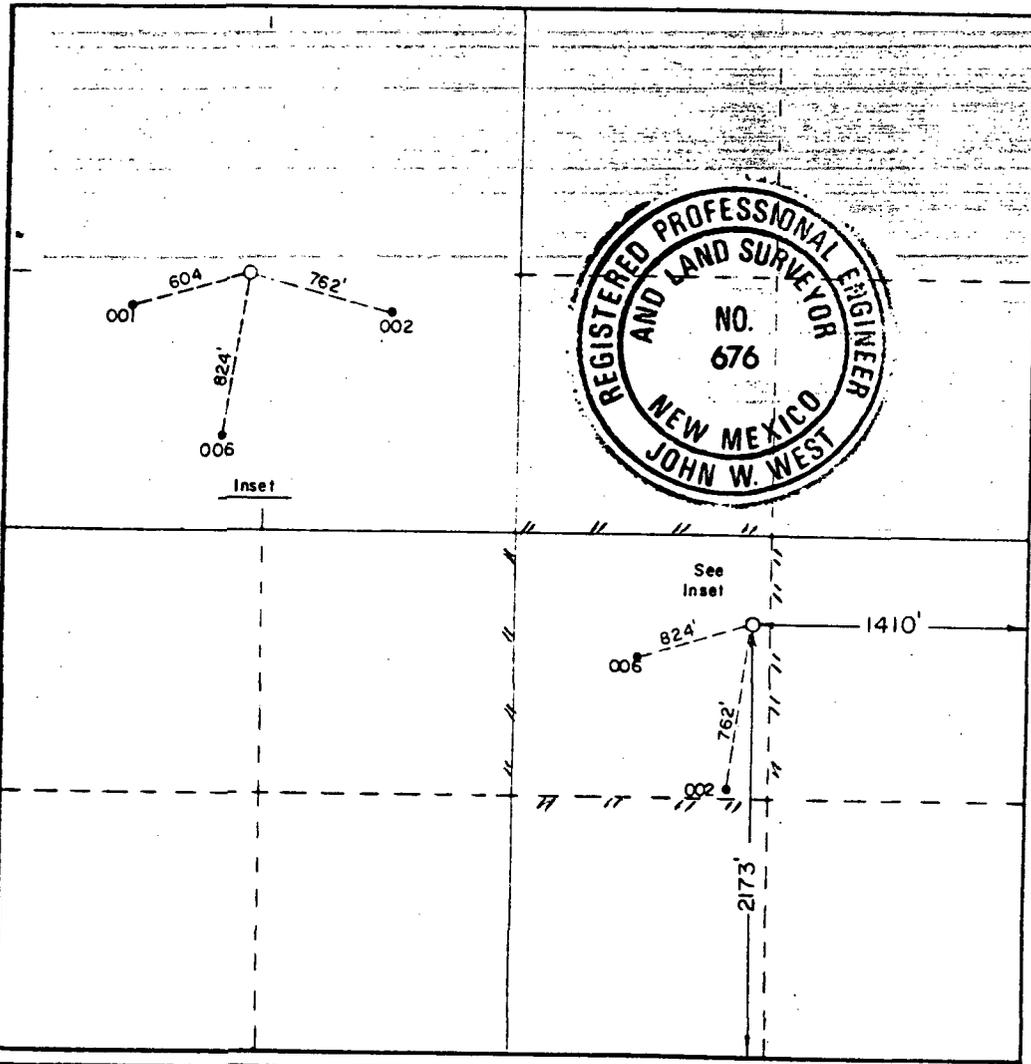
Operator Phillips Petroleum Co.		Lease E.V.G.S.A.U.		Well No. 3127-008
Section Letter J	Section 31	Township 17 South	Range 35 East	County Lea
Actual Footage Location of Well: 2173 feet from the South line and 1410 feet from the East				
Ground Level Elev. 3975.1	Producing Formation Grayburg San Andres		Poole Vacuum	Well Depth 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 work 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 _____

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.

W. J. Mueller
W. J. Mueller

Position: Eng. Supervisor, Reservoir

Company: Phillips Petroleum Co.

Date: 1/27/88

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

Ronald J. Eidson

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

96560

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

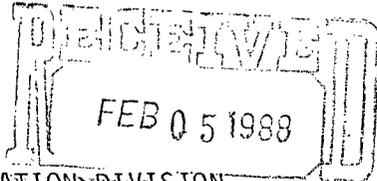


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 HOBBS DISTRICT OFFICE

2-1-88

GARREY CARRUTHERS
 GOVERNOR

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



OIL CONSERVATION DIVISION
 P. O. BOX 2088 SANTA FE
 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 SAU Tr. 3127 #8-9 31-17-35
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

[Handwritten signature]

Yours very truly,

[Handwritten signature of Jerry Sexton]
 Jerry Sexton
 Supervisor, District 1

/ed