

Release Date
Aug 3, 1987

By DEC



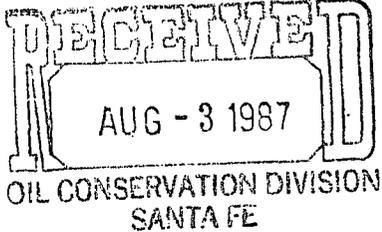
PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NSL-2374
RULE-104 F(I)

July 28, 1987

EXPLORATION AND PRODUCTION GROUP



Order R-5897-Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres Unit,
Well No. 3202-018
Vacuum Grayburg/San Andres Unit
Lea County, New Mexico

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

2560 FNL
& 680 FEL

Vacuum Grayburg San Andres
Pool
40 Acre(s)
SE 1/4 NE 1/4 Section 32

Attn: William J. Lemay
Director

Section 32,
T - 17 South,
R - 35 East.

Gentlemen:

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

There are no offset operators to this proration unit other than Phillips Petroleum Co.

Please find attached 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/JD/1sw
REG/PRO6/evgsaul.2

Attachment

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

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
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LAND OFFICE		
OPERATOR		

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
A-1320

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. Tract 3202 018
3. Address of Operator Room 401, 4001 Penbrook St., Odessa, Texas 79762		10. Field and Pool, or Wildcat Vacuum Gb/SA
4. Location of Well UNIT LETTER H LOCATED 680 FEET FROM THE East LINE AND 2560 FEET FROM THE North LINE OF SEC. 32 TWP. 17-S RGE. 35-E NMPM		12. County Lea
19. Proposed Depth 4800'		19A. Formation Grayburg San Andres
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, KI, etc.) 3945.2 GL (Unprepared)	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor 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
12-1/4	8-5/8	24#	1600'	1000 sk "C"	Surface
7-7/8	5-1/2	15.5#	4800'	1400 sk "C"	Surface

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 Eng. Supervisor, Reservoir Date 7/27/87

(This space for State Use)

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-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

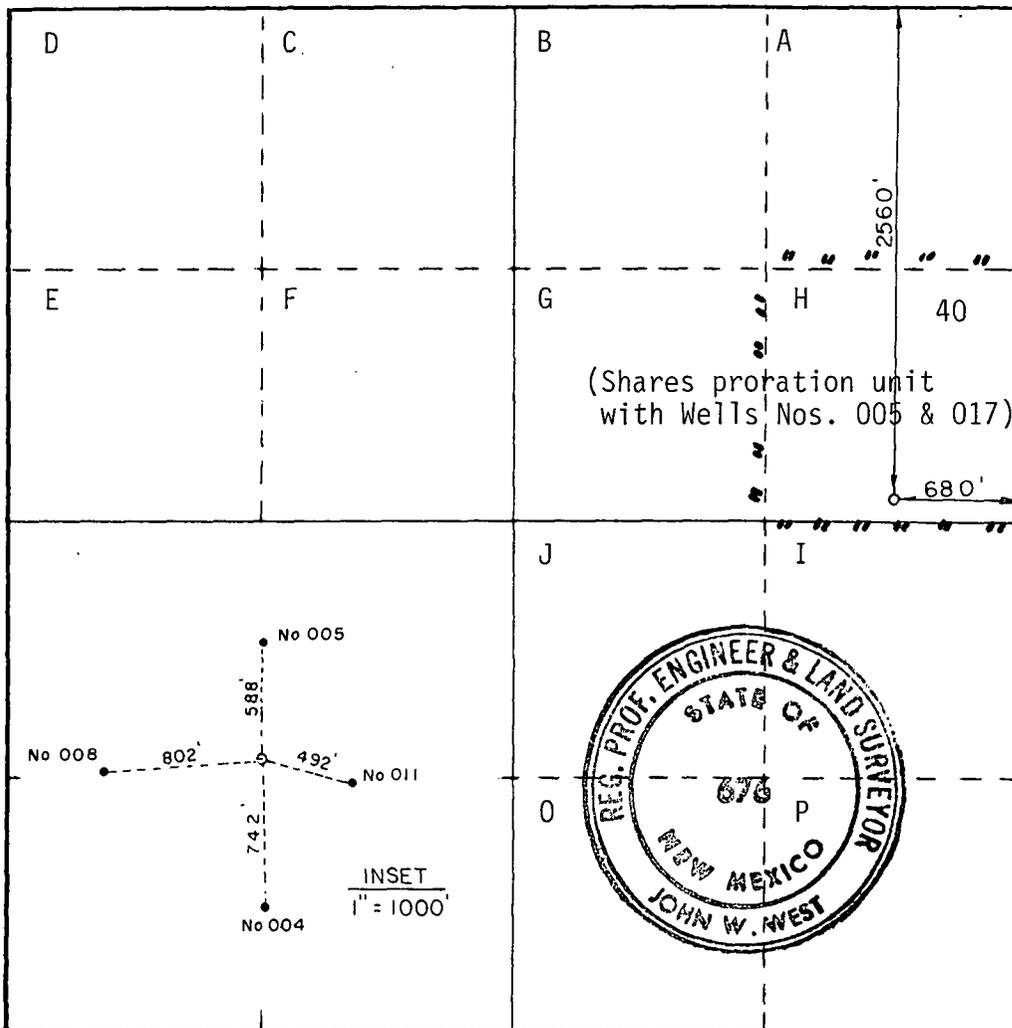
Operator Phillips Petroleum Company			Lease EVGSAU		Well No. 3202-018
Unit Letter H	Section 32	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 2560 feet from the North line and 680 feet from the East line					
Ground Level Elev. 3945.2	Producing Formation Grayburg San Andres		Pool Vacuum	Dedicated Acreage: 40 Acres	

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
7/29/87

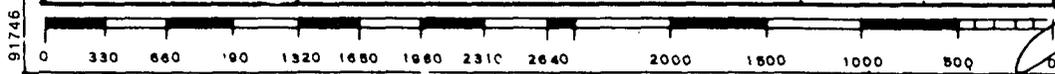
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 9, 1987

Registered Professional Engineer and/or Land Surveyor

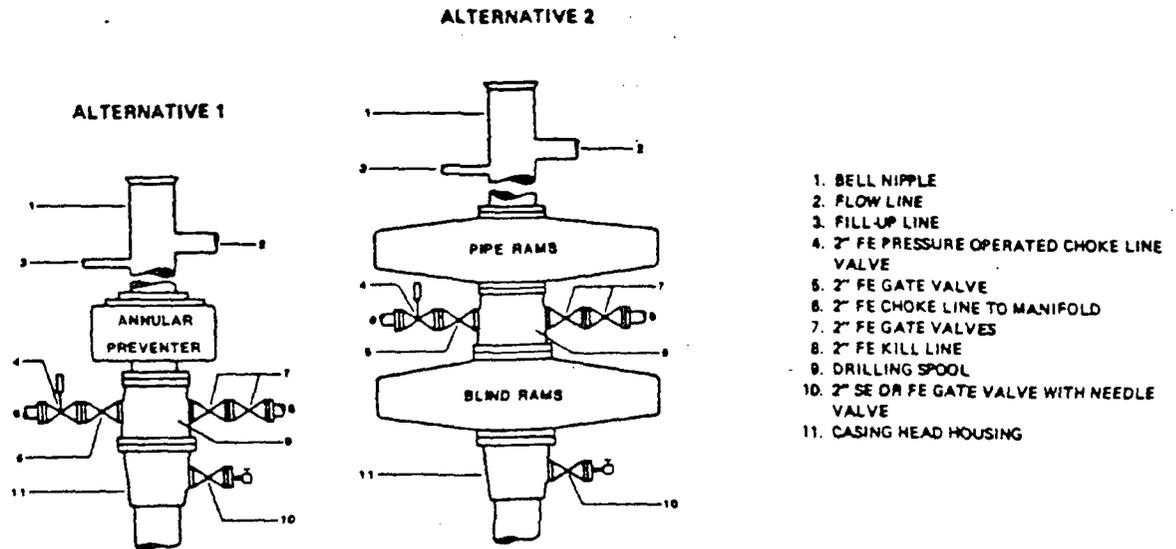
[Signature]
Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239



91746

FIELD PRACTICES AND STANDARDS



NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAMS IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

Figure 7-9. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 1

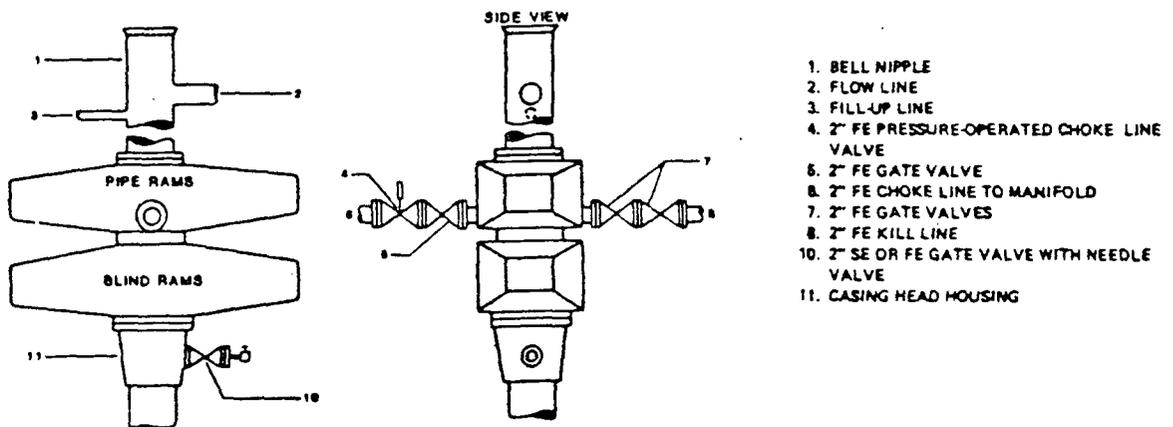


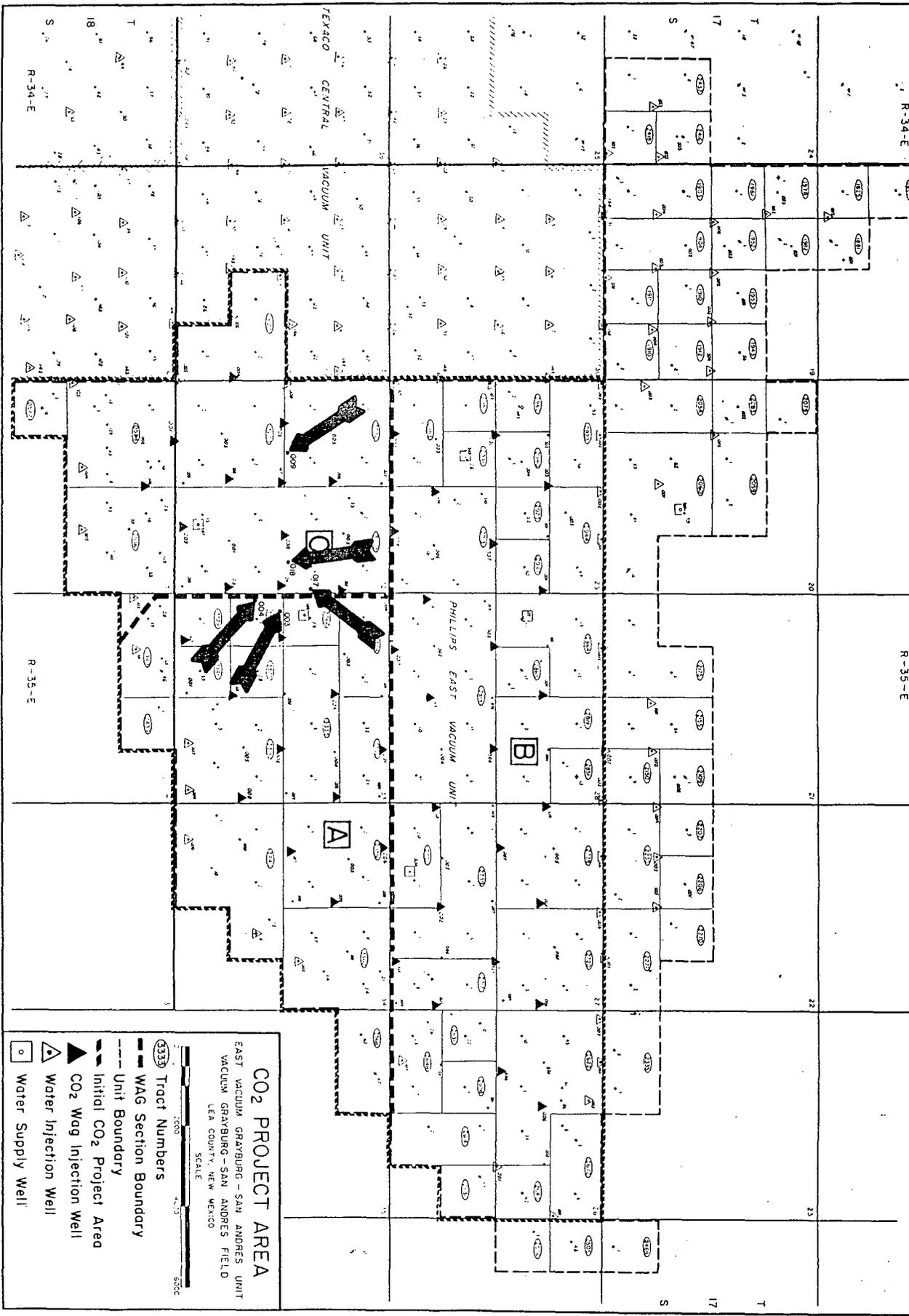
Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)



EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3202-018

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 UNIT
 VACUUM GRAYBURG - SAN ANDRES FIELD
 LEA COUNTY, NEW MEXICO

SCALE
 0 100 200 300 400 500 600 700 800 900 1000
 FEET

(3333) 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

RECEIVED
AUG - 3 1987
OIL CONSERVATION DIVISION
SANTA FE
7-31-87

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	X 2374
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

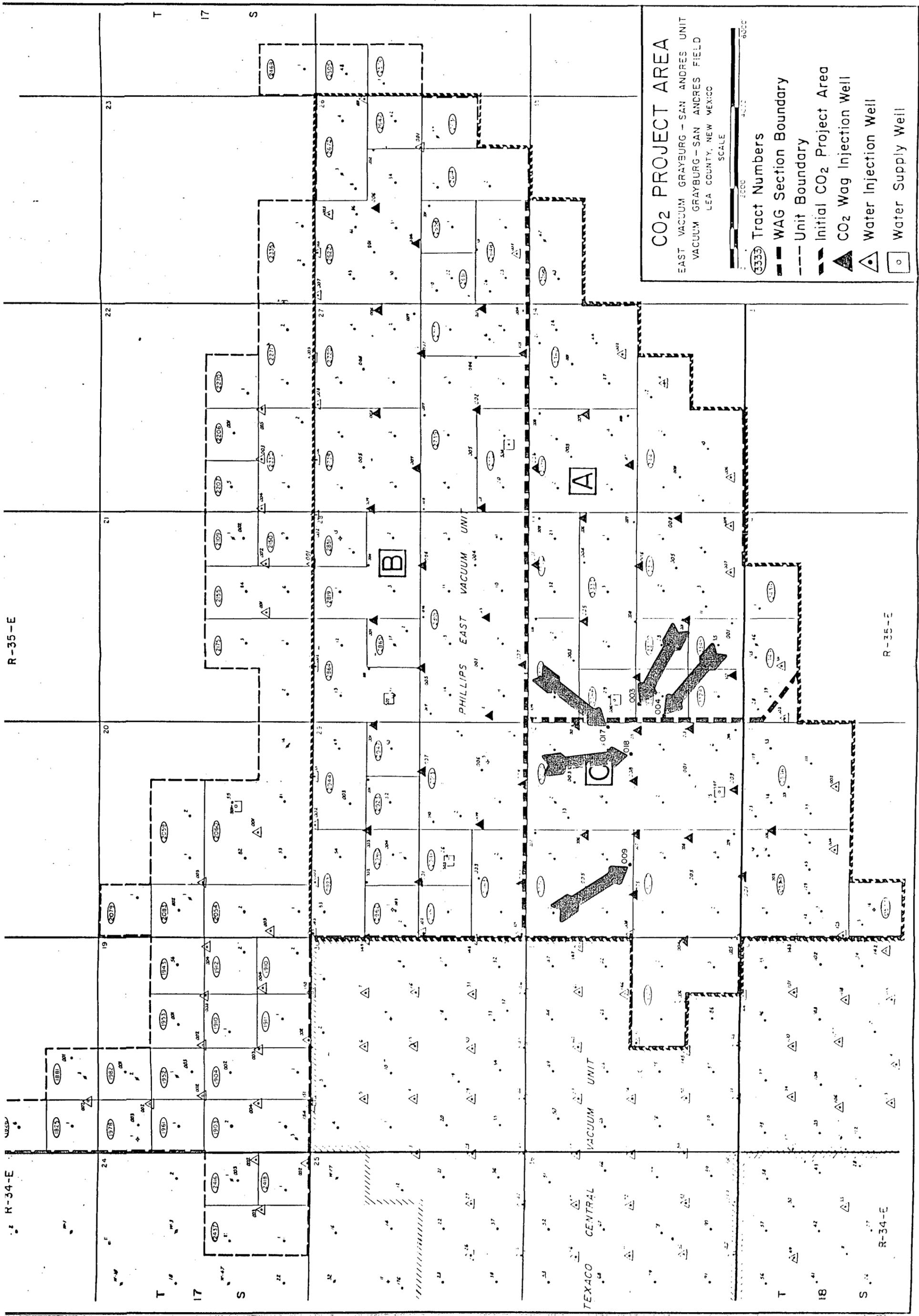
Phillips Pet Co. *East Vacuum* *GB/SA* *Tr. 3202* *#18-7H*
 Operator Lease & Well No. Unit S-T-R *32-17-35*

and my recommendations are as follows:

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed



CO2 PROJECT AREA

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



- (3335) Tract Numbers
- WAG Section Boundary
- - - Unit Boundary
- ▲ Initial CO2 Project Area
- ▲ CO2 Wag Injection Well
- Water Injection Well
- Water Supply Well

R-35-E

R-34-E

R-35-E

R-34-E

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PHILLIPS EAST VACUUM UNIT

TEXACO CENTRAL VACUUM UNIT

B

A

C