

Release Date
Aug 3, 1987

By DRC



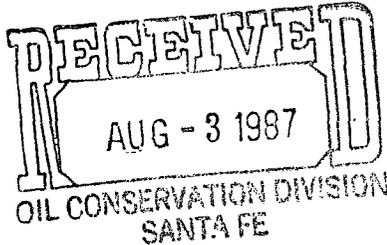
PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

July 28, 1987

NSL-2373
RULE-104 F(I)



Order R-5897-Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres Unit,
Well No. 3374-004
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

*Vacuum Grayburg San Andres Pool
to Area dedication NW 1/4 SW 1/4*

Attn: William J. Lemay
Director

*1950 FS
S 210 FW Section 33, 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. However, Exxon Company, USA and Mobil Producing Co. have been notified by copy of this application according to Statewide Rule 102(c).

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

Larry M. Sanders, Supervisor
Regulation and Proration

LMS/JD/1sw
REG/PRO6/evgsaul

Attachment

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

Exxon Co. USA
P. O. Box 1600
Midland, TX 79702-1600

Mobil Producing Texas and New Mexico, Inc.
Nine Greenway Plaza, Ste. 2700
Houston, Texas 77046

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-2863-1

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 3374 004
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 <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>210</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>33</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMPM		12. County Lea
19. Proposed Depth 4800'		19A. Formation Grayburg San Andres
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3951.0 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.

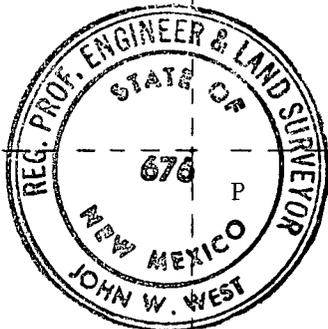
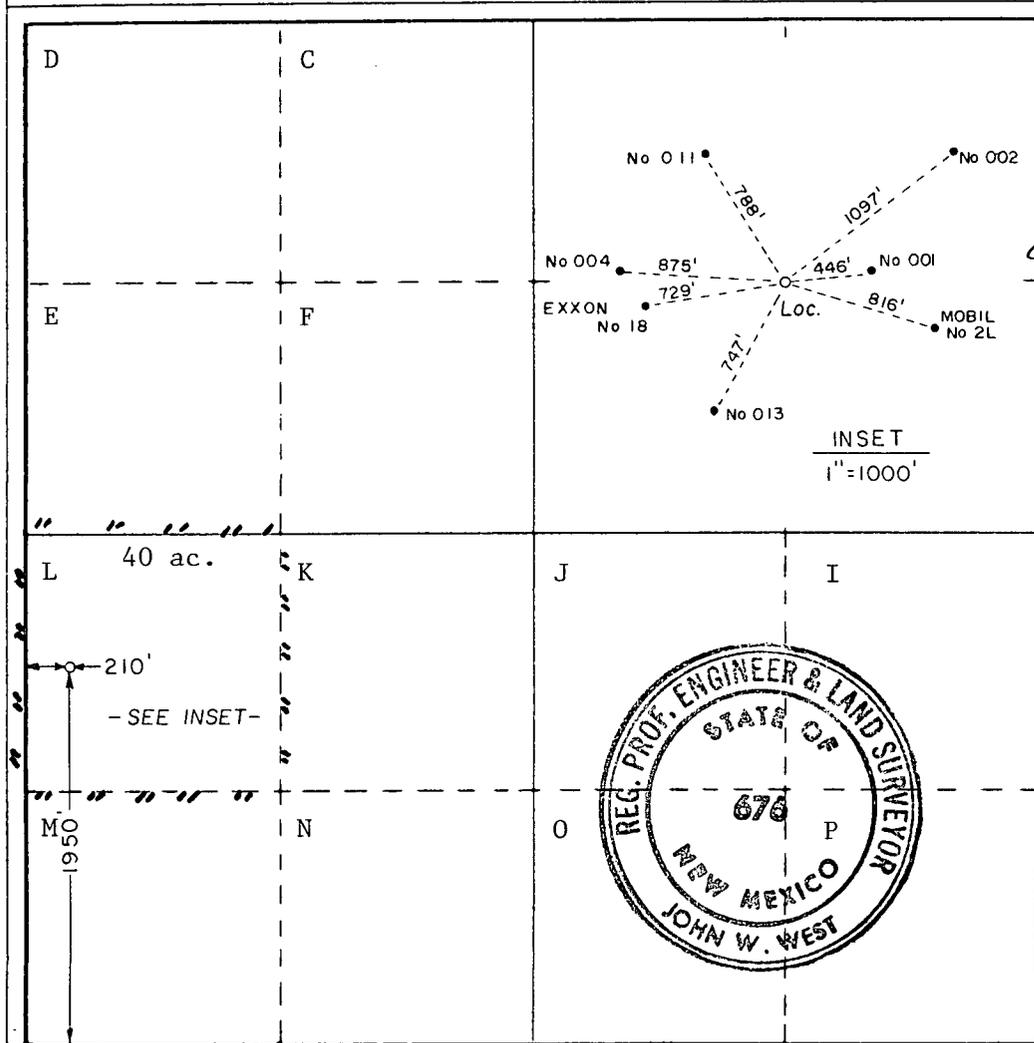
Operator Phillips Petroleum Company			Lease EVGSAU		Well No. 3374-004
Unit Letter L	Section 33	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 1950 feet from the South line and 210 feet from the West line					
Ground Level Elev. 3951.0	Producing Formation Grayburg San Andres		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.

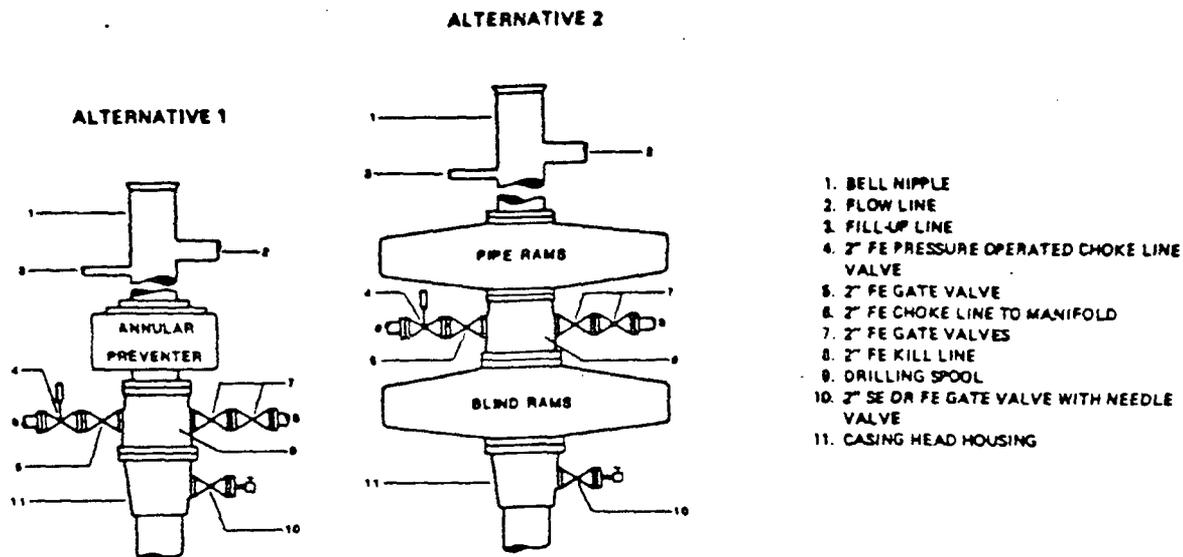


CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>W. J. Mueller</i>	
Name	
Position Eng. Supervisor, Reservoir	
Company Phillips Petroleum Company	
Date 7/29/87	
I hereby certify that the well location shown on this 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	
<i>Ronald J. Eidson</i>	
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

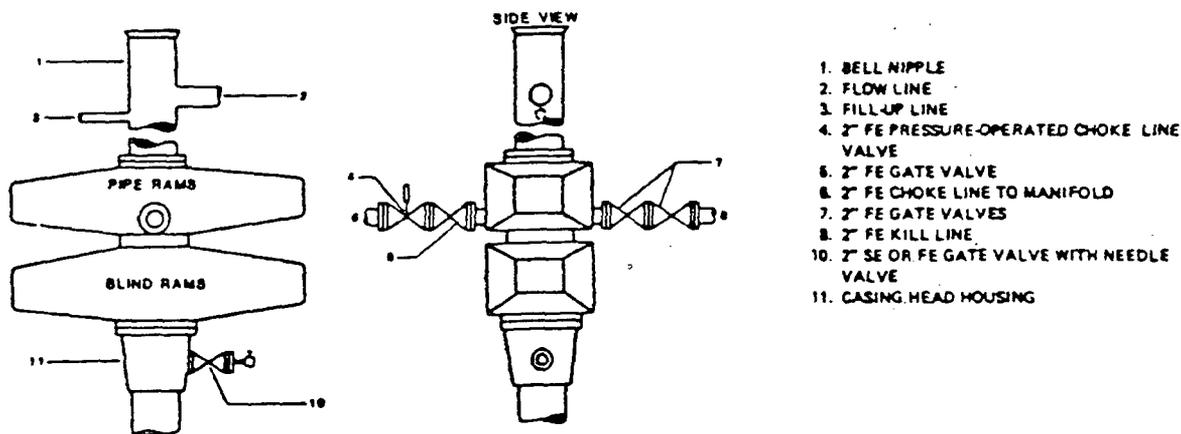
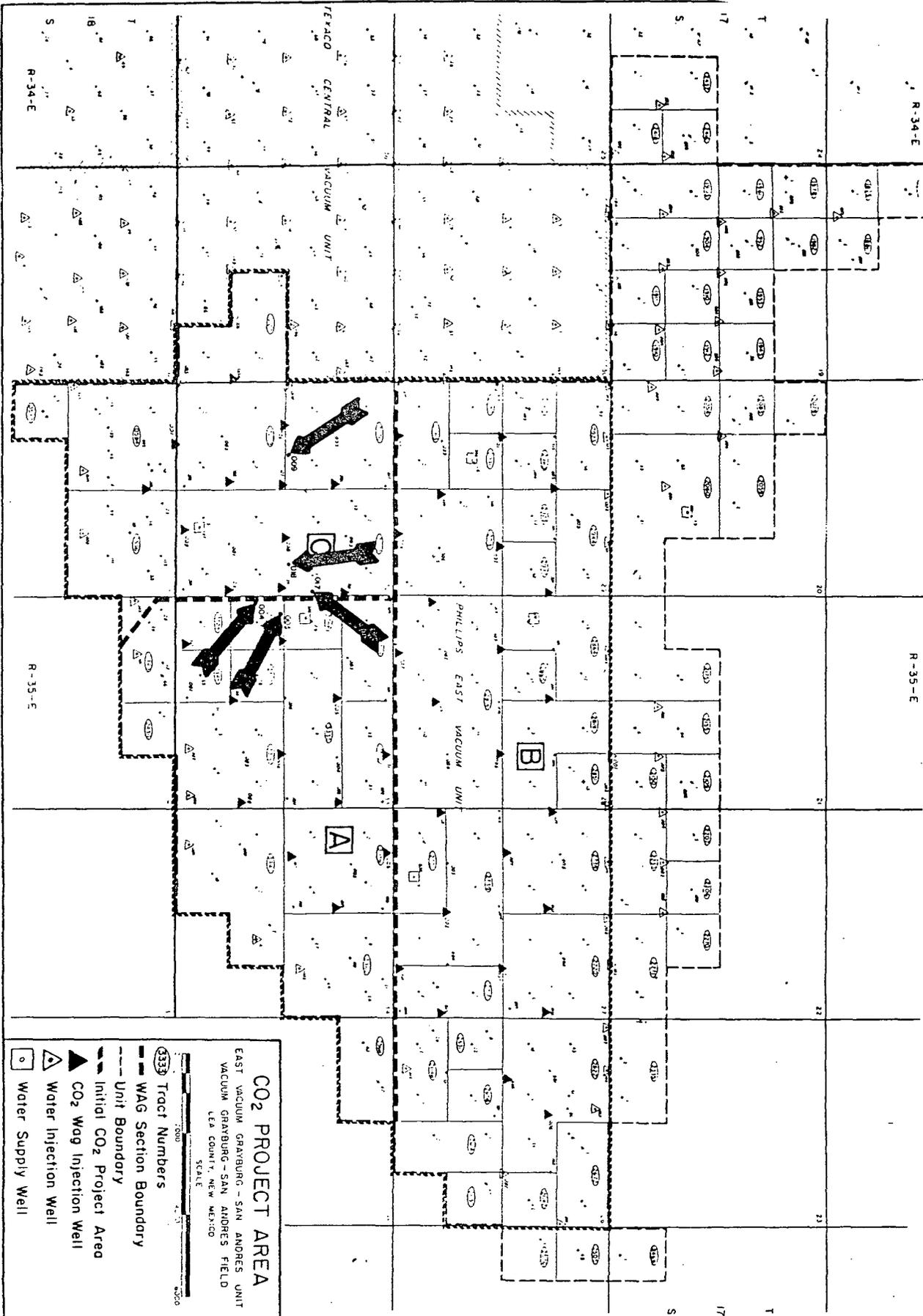


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3374-004

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

3333 Tract Numbers

--- WAG Section Boundary

--- Unit Boundary

--- Initial CO2 Project Area

▲ CO2 Wog Injection Well

▼ Water Injection Well

□ Water Supply Well

P 140 239 363

RECEIPT FOR CERTIFIED MAIL

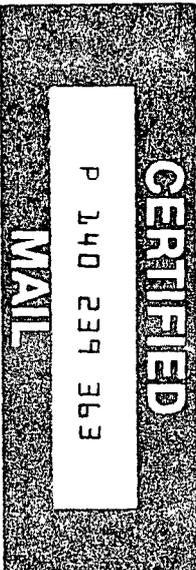
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to	Mobil Producers TX & NM
Street and No.	575 2700 Nine Greenway Plaza
P.O. State and ZIP Code	Houston, TX 77046
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	



P 140 239 362

RECEIPT FOR CERTIFIED MAIL

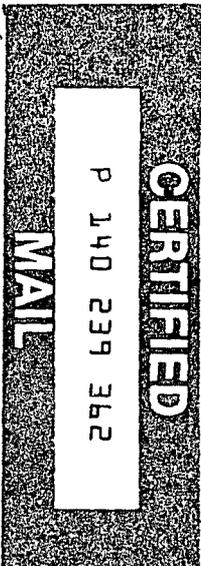
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to	EXXON Co USA
Street and No.	P.O. Box 1600
P.O. State and ZIP Code	Midland, TX 79702-1600
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

HOBBS DISTRICT OFFICE
7-31-87
RECEIVED
AUG - 8 1987
OIL CONSERVATION DIVISION
SANTA FE

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 X 2373
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Phillips Pet Co. East Vacuum GB-Latz Tr. 3374 #4-L
Operator Lease & Well No. Unit S-T-R 33-17-35

and my recommendations are as follows:

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

N-33-E

R-35-E

R-34-E

T 17 S

23

22

21

20

19

24

T 17 S

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

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

SCALE
 0 1000 2000 3000 4000 5000

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

