

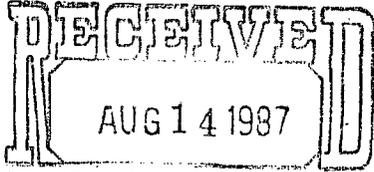


PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

August 7, 1987

EXPLORATION AND PRODUCTION GROUP



OIL CONSERVATION DIVISION

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

Order R-5897 - Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres Unit
Well No. 3229-010
Vacuum Grayburg/San Andres Pool
Lea County, New Mexico

Attn: William J. Lemay
Director

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.

As offset operator, Texaco, Inc., has been notified by copy of this application with a waiver request. Mobil Producing TX and NM, and Arco Oil and Gas Company have also 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/JLD/sdb
REG/PRO6/evgsau2

Attachment

cc:	New Mexico Dept. of Energy and Minerals Oil Conservation Division P. O. Box 1980 Hobbs, New Mexico 88240	Mobil Producing TX & NM Inc. P. O. Box 633 Midland, Texas 79702
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Arco Oil and Gas Co. P. O. Box 1710 Hobbs, New Mexico 88240	Texaco Inc. P. O. Box 728 Hobbs, New Mexico 88240
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Texaco Inc. hereby waive any objections to drilling subject well.

Texaco Inc.
[Signature]
Signed by

Release Date:

~~Aug 30, 1987~~

Aug 20, 1987

Waiver in from Texaco

By DLG



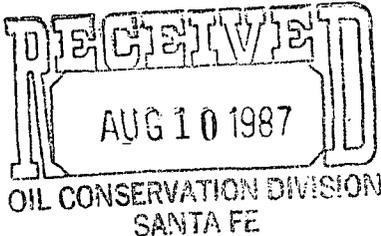
PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

NSL-2383
RULE-104F(E)

August 7, 1987



Order R-5897 - Expansion of
Authority by Administrative Action
East Vacuum Grayburg/San Andres Unit
Well No. 3229-010
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

1980 FSL & 10 FWL
Section 32, T-17 South, R-35 East
Vacuum Grayburg San Andres Pool
40 Acre dedication
NW1/4 SW1/4 Section 32

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Larry M. Sanders
Larry M. Sanders, Supervisor
Regulation and Proration

LMS/JLD/sdb
REG/PR06/evgsau2

Attachment

- | | |
|---|---|
| cc: New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240 | Mobil Producing TX & NM Inc.
P. O. Box 633
Midland, Texas 79702 |
| Arco Oil and Gas Co.
P. O. Box 1710
Hobbs, New Mexico 88240 | Texaco Inc.
P. O. Box 728
Hobbs, New Mexico 88240 |

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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"/>		8. Farm or Lease Name East Vacuum Gb/SA Unit	
2. Name of Operator Phillips Petroleum Company		9. Well No. Tract 3229 C10	
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>10</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 San Andres	20. Rotary or C.T. Rotary
21. Elevations (show whether DF, RT, etc.) 3973.9 (Unprepared)	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Advise later	22. Approx. Date Work will start Upon approval

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 8/5/87

(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.

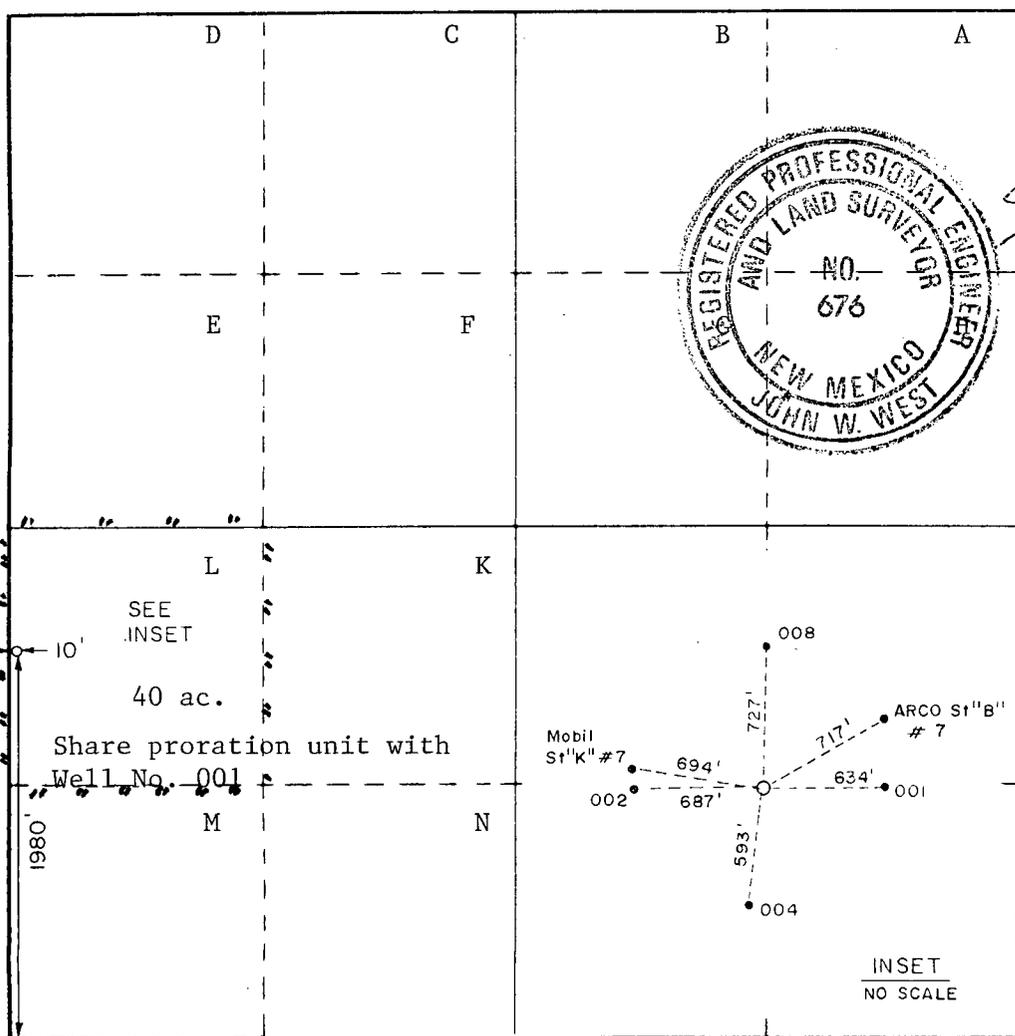
Operator PHILLIPS PETROLEUM COMPANY			Lease EVGSAU		Well No. 3229-010
Unit Letter L	Section 32	Township 17 SOUTH	Range 35 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 10 feet from the WEST line					
Ground Level Elev. 3973.9	Producing Formation Grayburg San Andres		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.

Name: W.J. Mueller

Position: Eng. Supervisor, Reservoir

Company: Phillips Petroleum Company

Date: 8/6/87

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 30, 1987

Registered Professional Engineer and/or Land Surveyor

[Signature]

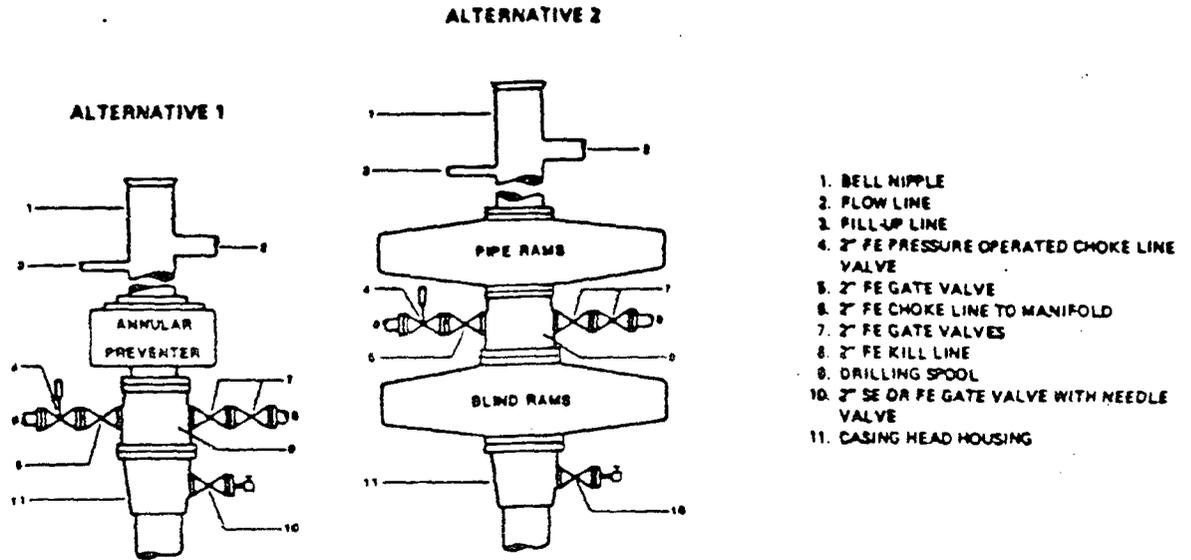
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

EAST VACUUM GRAYBURG/SAN ANDRES UNIT
Lea County, New Mexico
Well No. 3229-010

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

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

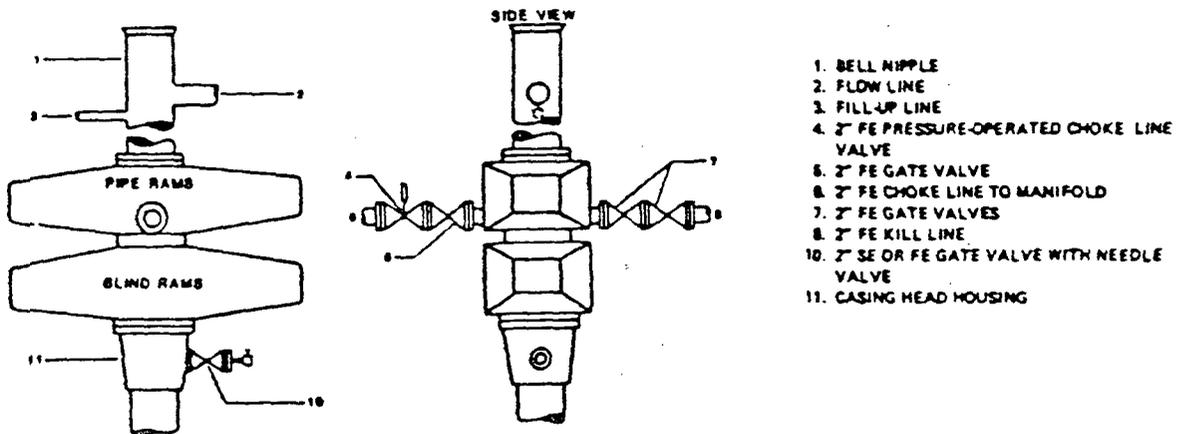
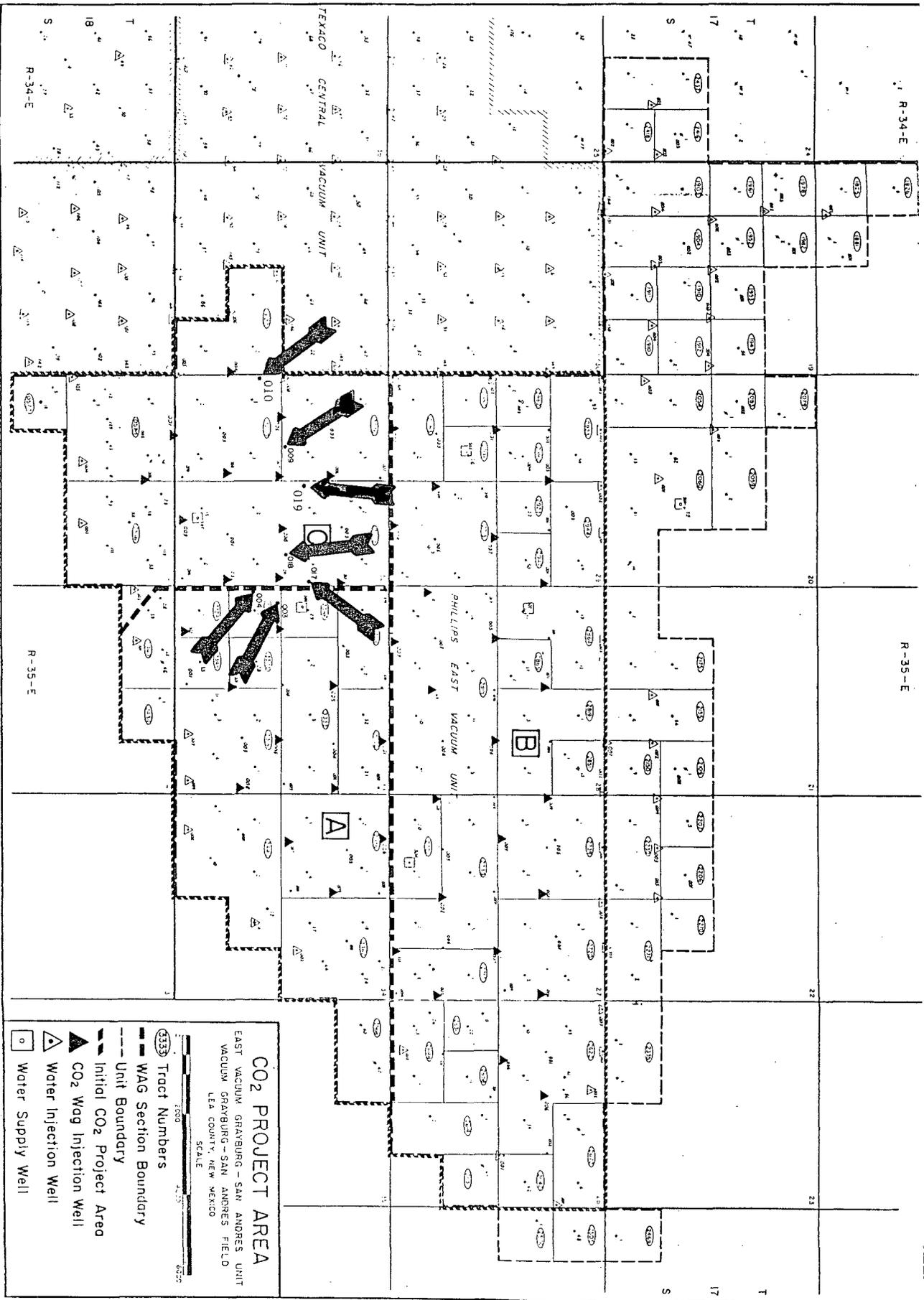


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)



CO2 PROJECT AREA

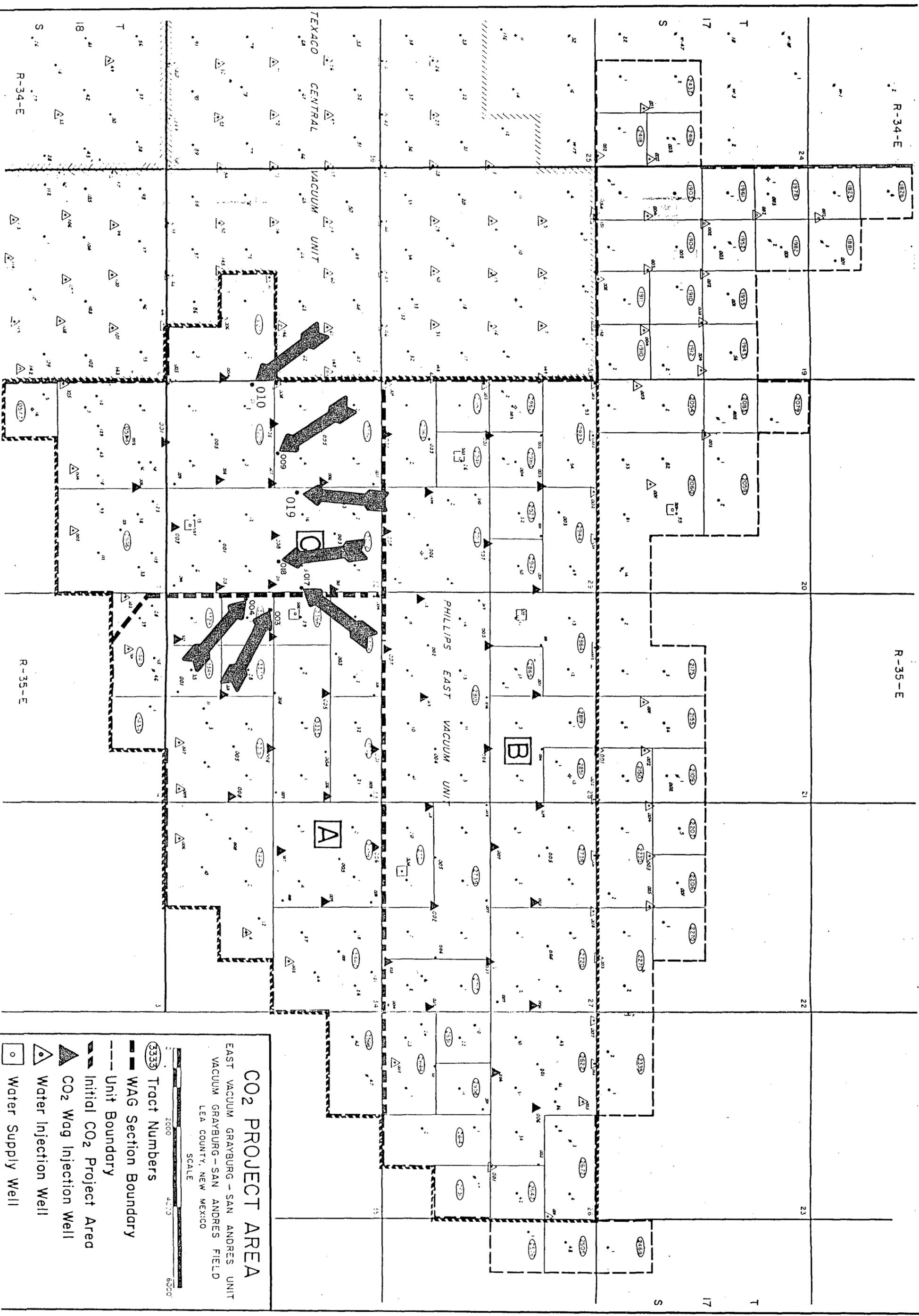
EAST VACUUM GRAYBURG - SAN ANDRES UNIT
 VACUUM GRAYBURG - SAN ANDRES FIELD
 LEA COUNTY, NEW MEXICO

SCALE

0 0.125 0.250
 0 0.125 0.250
 0 0.125 0.250

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

DATE: 05/11/2011

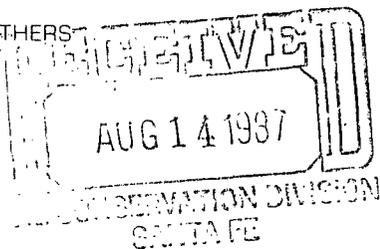




STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 HOBBS DISTRICT OFFICE

8-10-87

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. E. Vac. GB/SA ul Tr. 3229 #10-L 32-17-35
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton
 Jerry Sexton
 Supervisor, District 1

/ed