

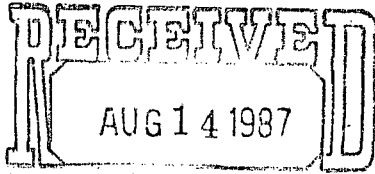


**PHILLIPS PETROLEUM COMPANY**

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

Attn: William J. Lemay  
Director

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

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	Mobil Producing TX & NM Inc.
	Oil Conservation Division	P. O. Box 633
	P. O. Box 1980	Midland, Texas 79702
	Hobbs, New Mexico 88240	
	Arco Oil and Gas Co.	Texaco Inc.
	P. O. Box 1710	P. O. Box 728
	Hobbs, New Mexico 88240	Hobbs, New Mexico 88240

Texaco Inc. hereby waive any objections to drilling subject well.

Texaco Inc.  
*[Signature]*  
Signed by

Release Date:

~~Aug 30, 1987~~

Aug 30, 1987

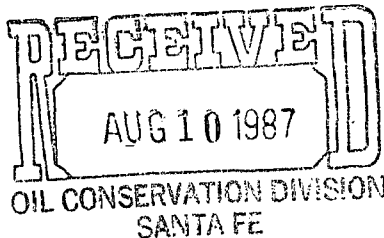
Waiver in from Texaco



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP



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

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Director

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Midland, Texas 79702

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P. O. Box 728  
Hobbs, New Mexico 88240

By DLG

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

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

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 <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
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 010	
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 L LOCATED 1980 FEET FROM THE South LINE AND 10 FEET FROM THE West 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, RT, etc.) 3973.9 (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 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.

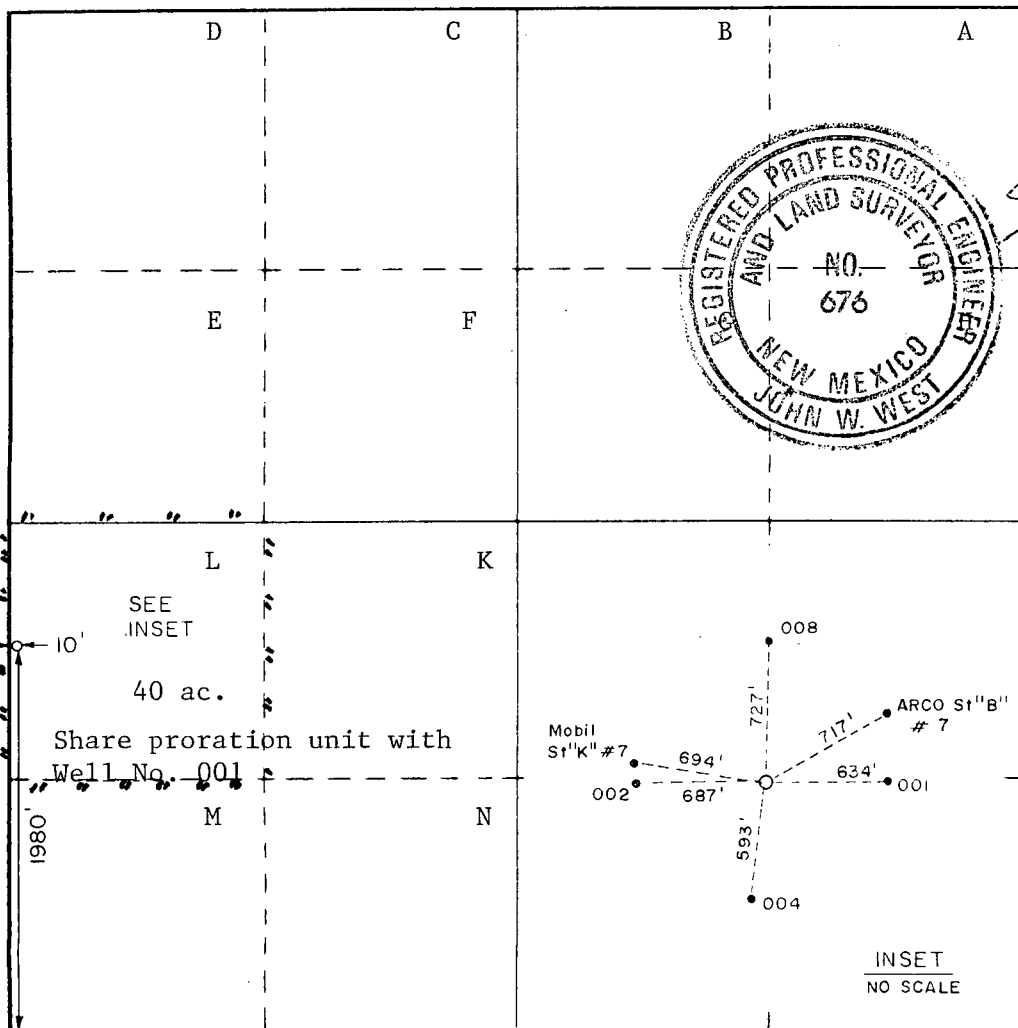
Operator <b>PHILLIPS PETROLEUM COMPANY</b>			Lease <b>EVGSAU</b>		Well No. <b>3229-010</b>
Unit Letter <b>L</b>	Section <b>32</b>	Township <b>17 SOUTH</b>	Range <b>35 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>SOUTH</b> line and <b>10</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3973.9</b>	Producing Formation <b>Grayburg San Andres</b>		Pool <b>Vacuum</b>	Dedicated Acreage: <b>40</b> 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

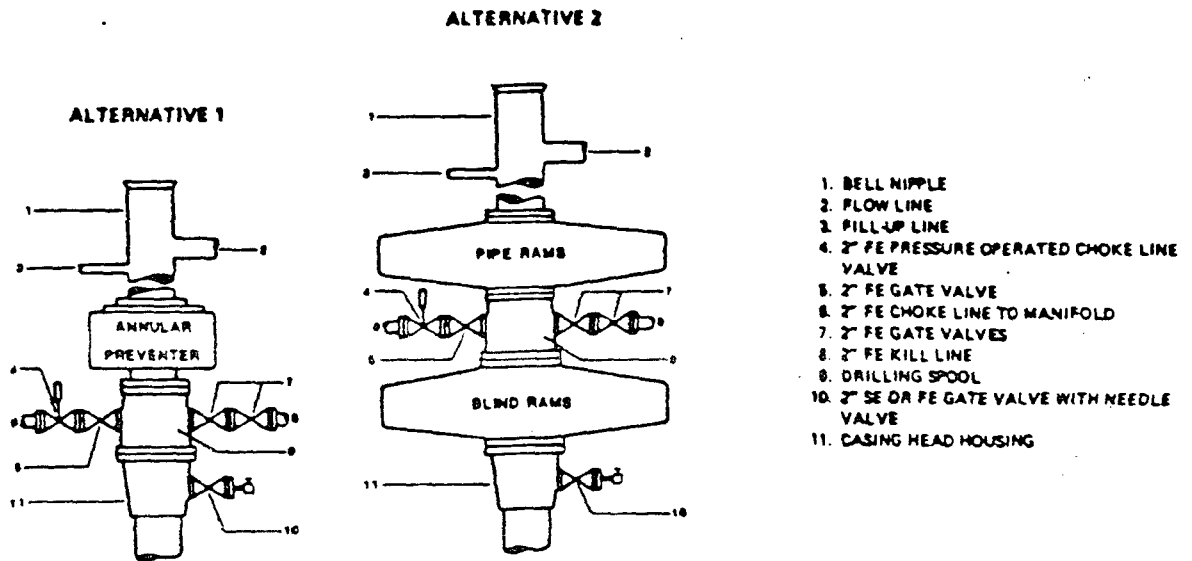
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

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

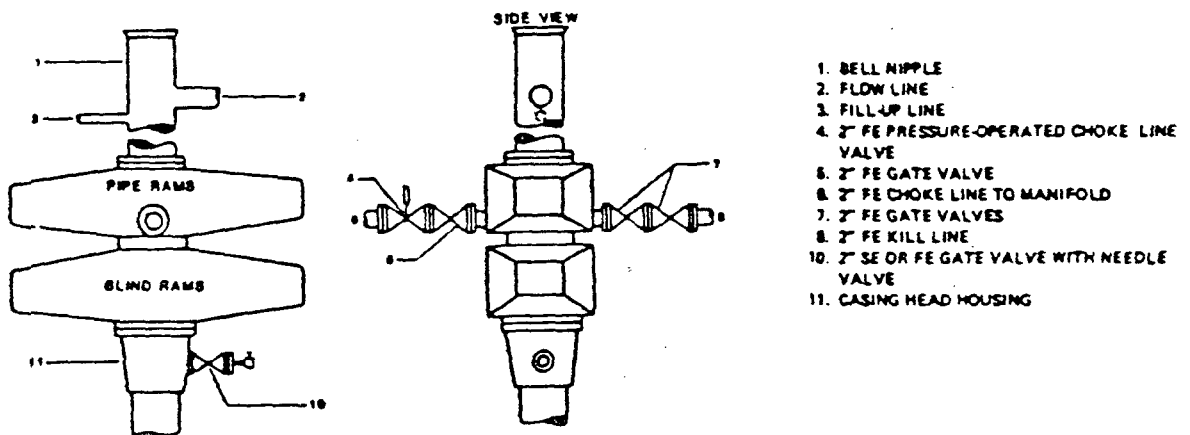
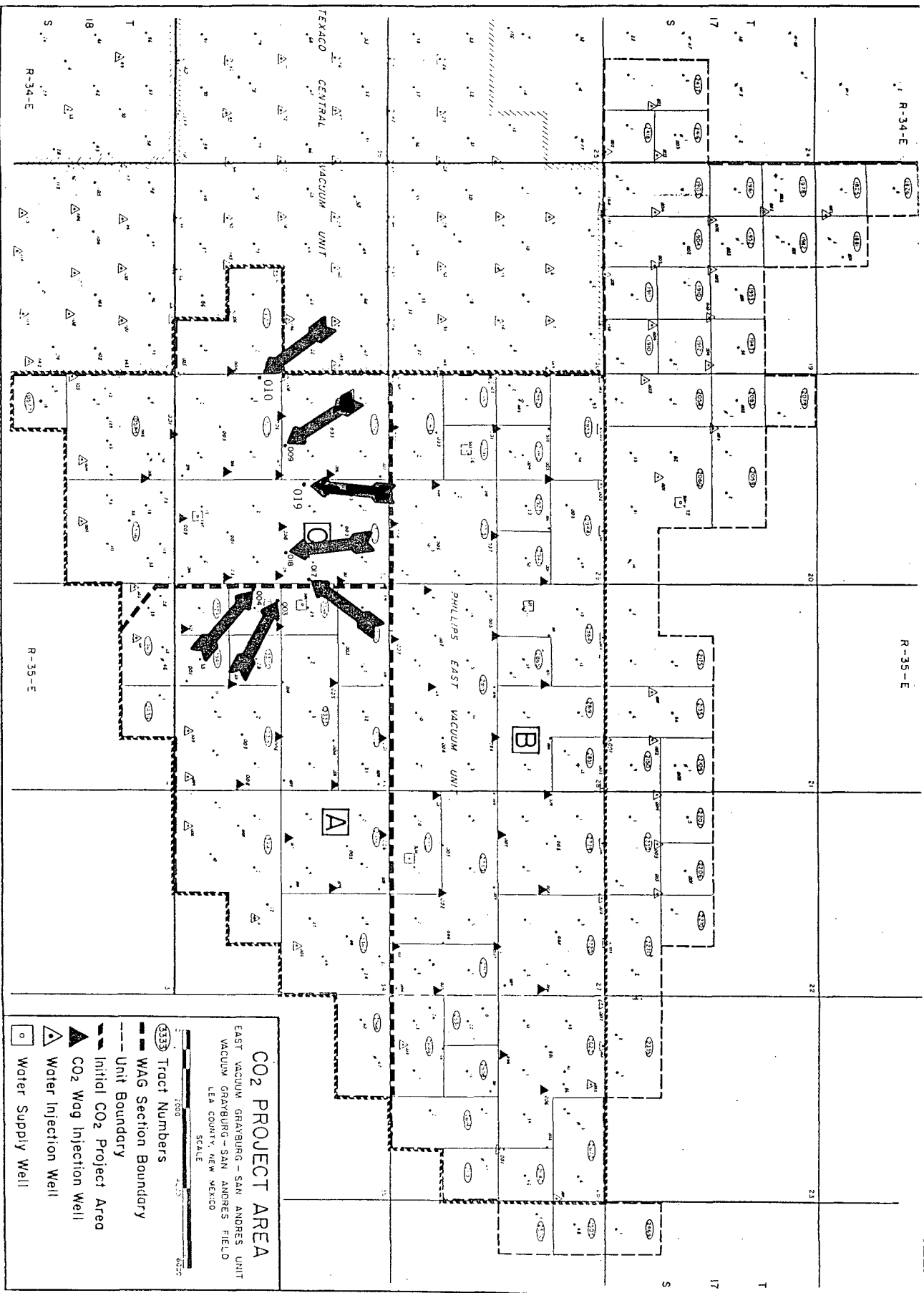
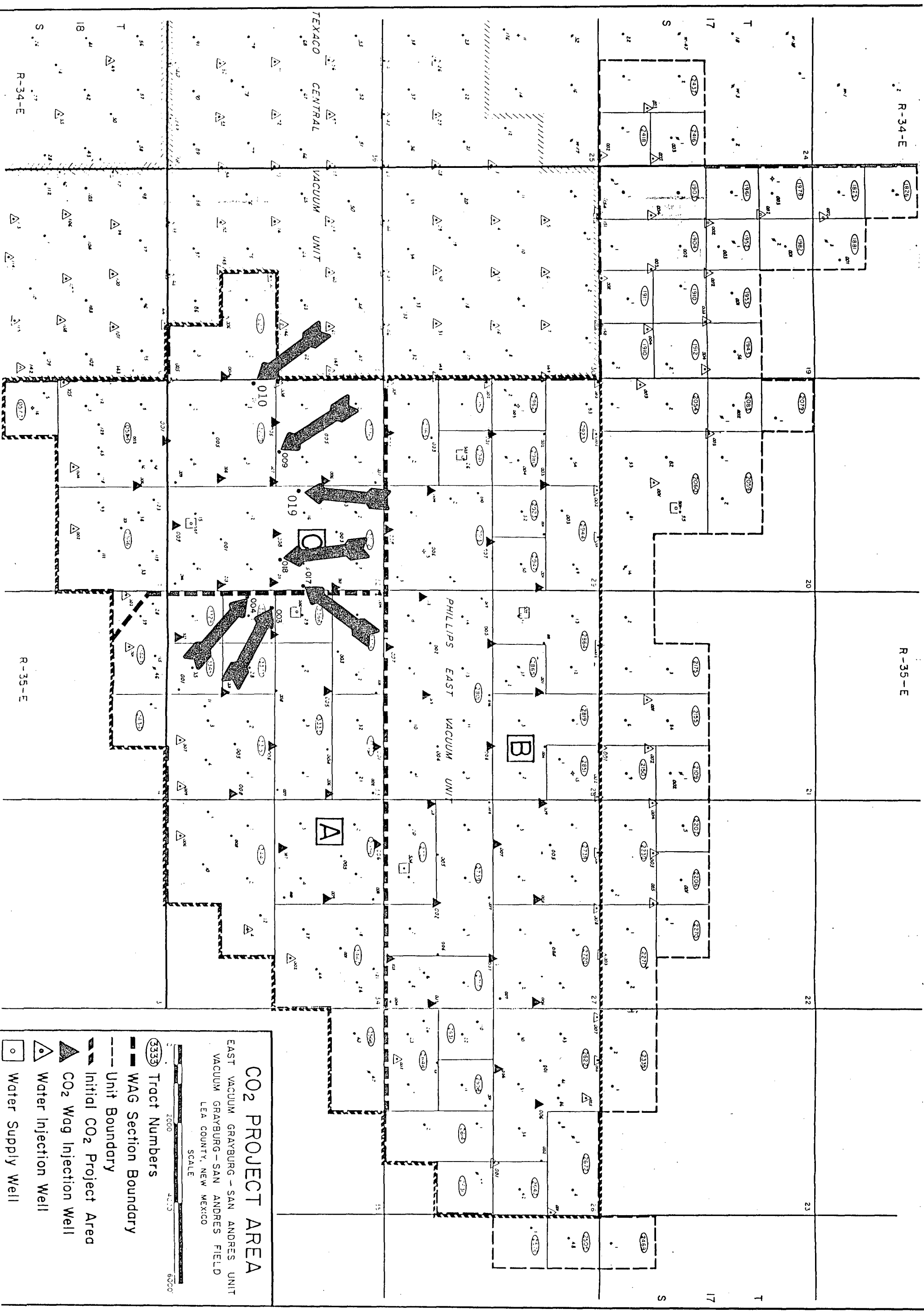


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)





3335

Tract Numbers

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WAG Section Boundary

---

Unit Boundary

Initial CO<sub>2</sub> Project Area

CO<sub>2</sub> Wag Injection Well

Water Injection Well

Water Supply Well

0 2000 4000 6000

FEET

0 2000 4000 6000

METERS

CO<sub>2</sub> PROJECT AREA

EAST VACUUM GRAYBURG - SAN ANDRES UNIT

VACUUM GRAYBURG - SAN ANDRES FIELD

LEA COUNTY, NEW MEXICO

SCALE

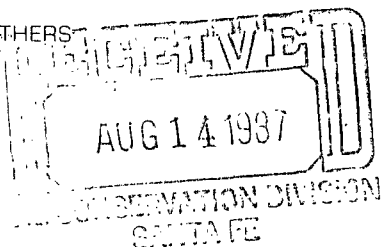




STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

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