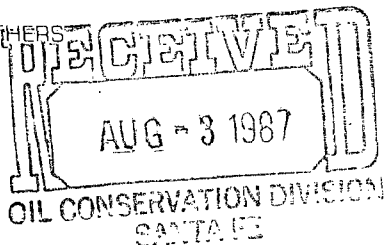




STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR



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	<u>X</u> <u>2371</u>
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

Phillips Pet. Co. East Vacuum #8/84 ut Tr. 3236 #9-7 32-17-35  
Operator \_\_\_\_\_ Lease & Well No. \_\_\_\_\_ Unit \_\_\_\_\_ S-T-R \_\_\_\_\_

and my recommendations are as follows:

OK J.S.

Yours very truly,

Gerry Sexton  
Gerry Sexton  
Supervisor, District 1

/ed

Release Date  
Aug 3, 1987

By Doc

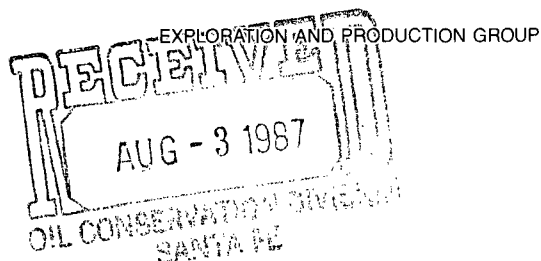


**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

NSL-2371  
RULE-104 F(Z)

July 28, 1987



Order R-5897-Expansion of  
Authority by Administrative Action  
East Vacuum Grayburg/San Andres Unit,  
Well No. 3236-009  
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

Attn: William J. Lemay  
Director

*Vacuum Grayburg San Andres Pool  
40 Acre dedication  
SE 1/4 NW 1/4 Sect 32*

*2510 FN & 1850 FW  
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. However, Chevron, USA, Inc. and Arco Oil and Gas 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/lsw  
REG/PRO6/evgsaul.4

Attachment

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

Chevron, USA, Inc.  
P. O. Box 670  
Hobbs, NM 88240

Arco Oil and Gas Co.  
P. O. Box 1710  
Hobbs, NM 88240

## OIL CONSERVATION DIVISION

Form C-101  
Revised 10-1-78

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LAND OFFICE		
OPERATOR		

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease

STATE	<input checked="" type="checkbox"/>	FEE	<input type="checkbox"/>
-------	-------------------------------------	-----	--------------------------

5. State Oil & Gas Lease No.

B-1838-1

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

[illegible]

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.

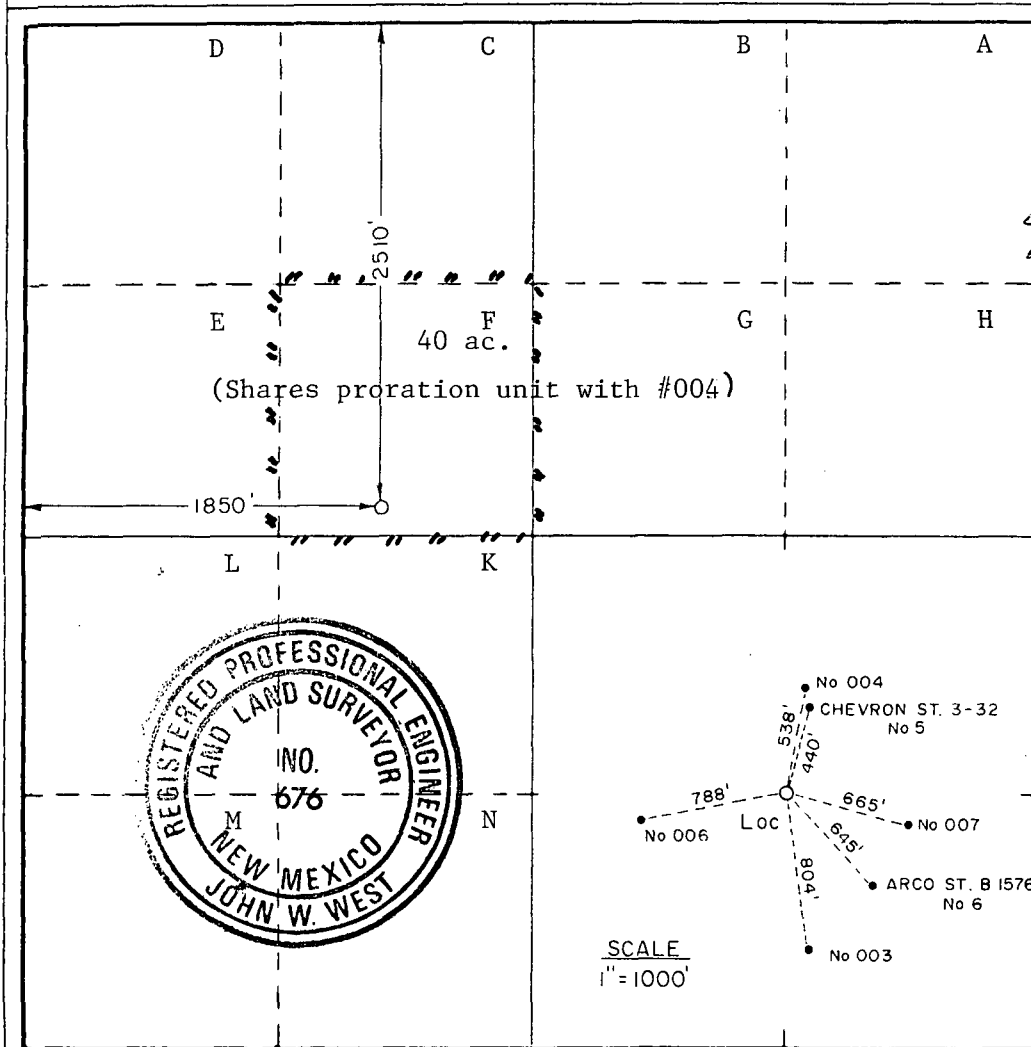
Operator <b>PHILLIPS PETROLEUM CO.</b>			Lease <b>EVGSAU</b>		Well No. <b>3236-009</b>
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>17 SOUTH</b>	Range <b>35 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>2510 feet from the <b>NORTH</b> line and</span> <span>1850 feet from the <b>WEST</b> line</span> </div>					
Ground Level Elev. <b>3964.9</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 Co.**

Date  
**7/27/87**

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.

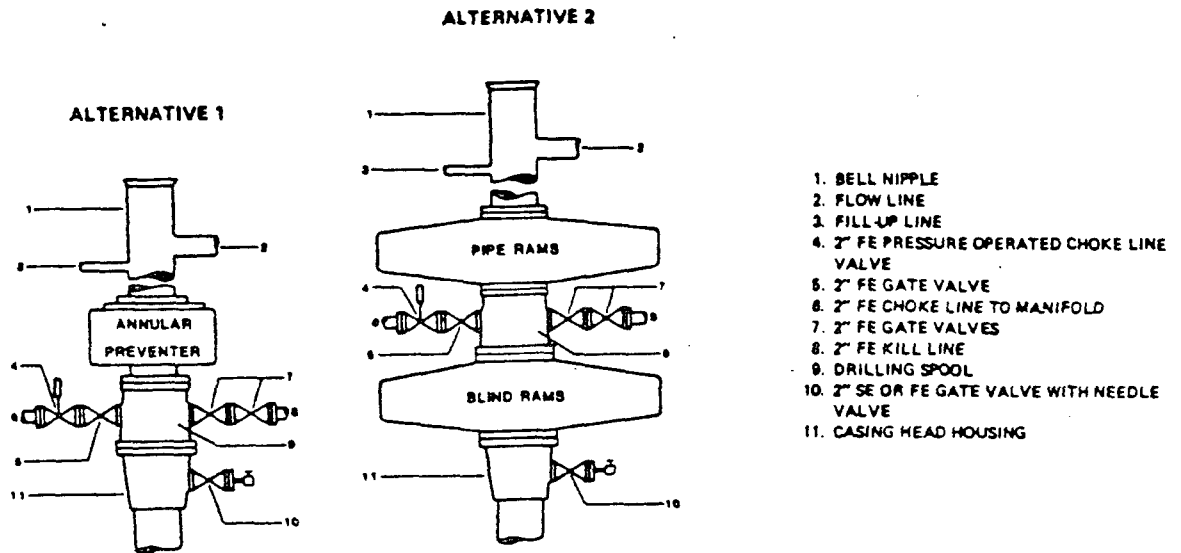
Date Surveyed  
**JULY 14, 1987**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

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

# 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

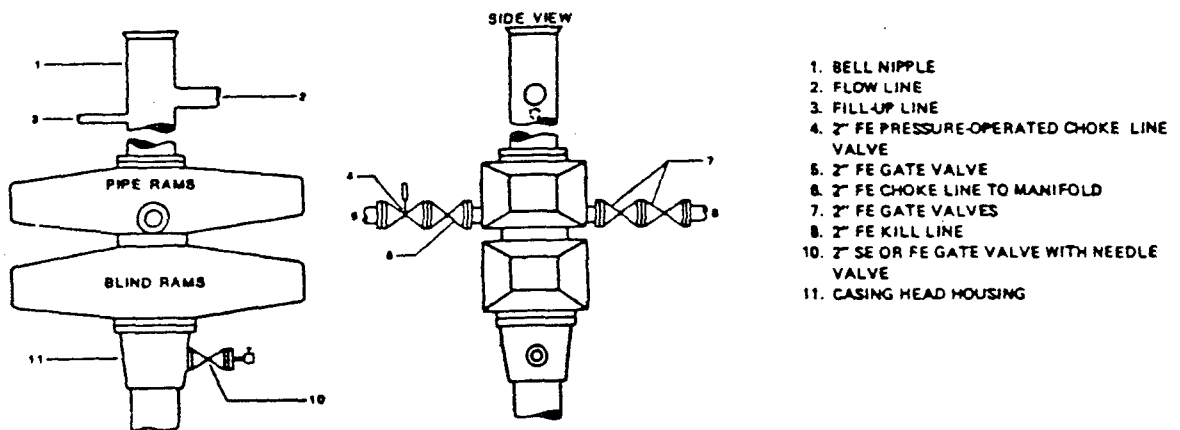
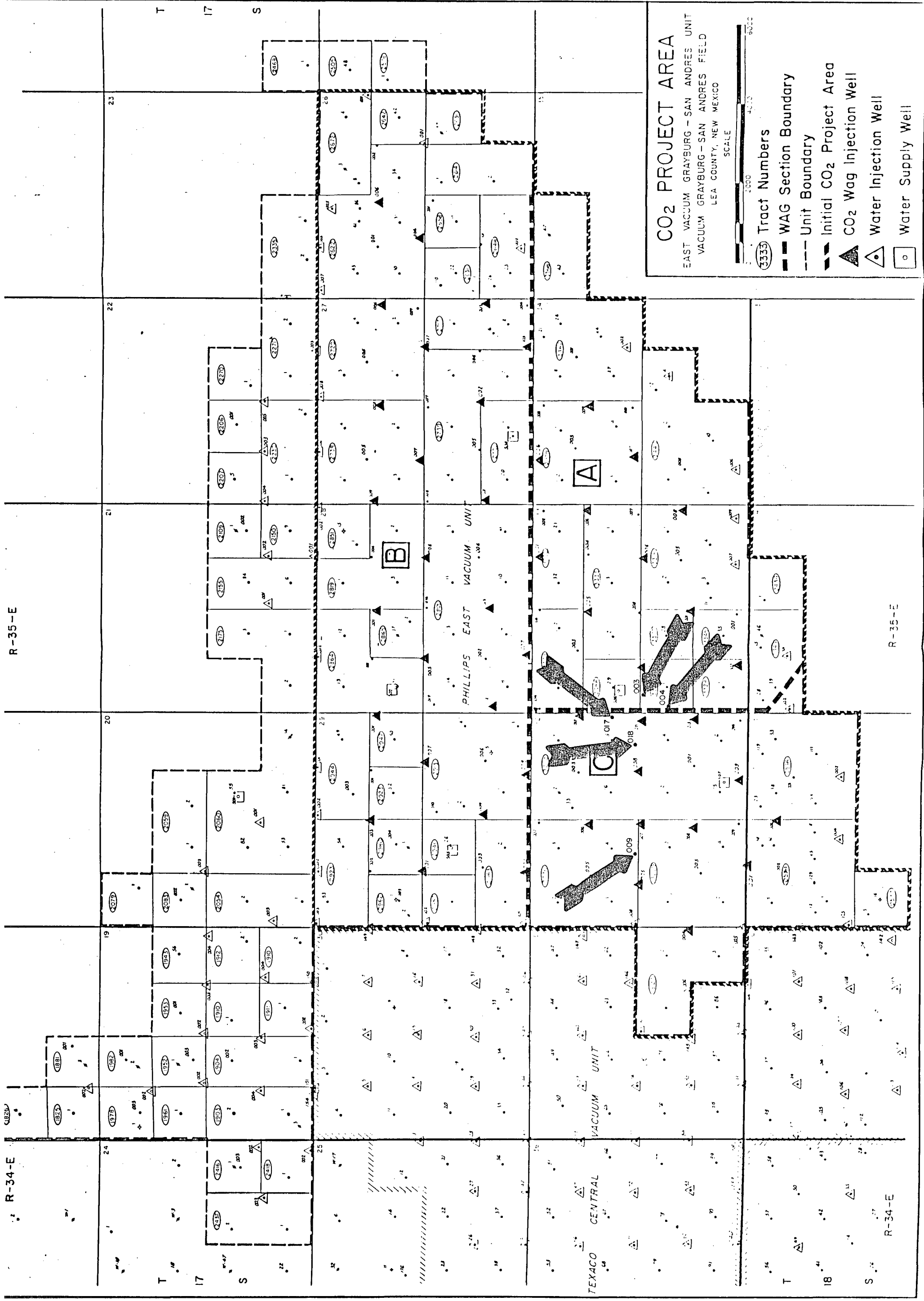


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly  
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

EAST VACUUM GRAYBURG/SAN ANDRES UNIT  
Lea County, New Mexico  
Well No. 3236-009

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 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

P 140 239 365

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PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

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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	

CERTIFIED

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MAIL

P 140 239 364

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(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

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Street and No. <i>P.O. Box 1710</i>	
P.O., State and ZIP Code <i>Hobbs, NM 88240</i>	
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Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
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Return receipt showing to whom, Date, and Address of Delivery	
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