

NSL-1208

NSLs  
lease line agreements  
In no waiting  
Rule 8 R-5897



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

NATURAL RESOURCES GROUP  
Exploration and Production

June 3, 1980

Unorthodox Locations--Line Injection Wells,  
East Vacuum Grayburg-San Andres Unit,  
Vacuum Grayburg-San Andres Pool,  
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey  
Division Director

Gentlemen:

*Approved for use as injection wells only. Approval of wells for injection purposes must be separately sought under provisions of Rule 701 and order R 5897.*

We respectfully request administrative approval of unorthodox locations for the ten below listed line injection wells in the captioned unit. Authority for such approval is provided by Special Order No. R-5897, Section 4, Rule 8.

In support, we enclose a copy of the Cooperative Water Injection Agreement between Texaco Inc.--operator of the Central Vacuum Unit--and Phillips Petroleum Company. In addition, enclosed are the following: A unit plat reflecting well locations; individual well location plats; and a copy of our request to Texaco Inc. for a waiver of objections to these locations.

Proposed Unorthodox Locations

<u>Tract No.</u>	<u>Well No.</u>	<u>Location</u>
2418	002	Unit P, 40' FSL & 260' FEL, Sec. 24, T17S, R34E
1911	002	Unit O, 50' FSL & 2470' FEL, Sec. 19, T17S, R35E
2923	003	Unit D, 10' FNL & 40' FWL, Sec. 29, T17S, R35E
2957	002	Unit L, 2540' FSL & 40' FWL, Sec. 29, T17S, R35E
2963	005	Unit M, 90' FSL & 50' FWL, Sec. 29, T17S, R35E
3236	008	Unit E, 2590' FNL & 50' FWL, Sec. 32, T17S, R35E
3127	007	Unit J, 2560' FSL & 2550' FEL, Sec. 31, T17S, R35E
3127	006	Unit J, 1330' FSL & 1530' FEL, Sec. 31, T17S, R35E
3127	005	Unit P, 10' FSL & 10' FEL, Sec. 31, T17S, R35E
0574	005	Unit E, 2540' FNL & 10' FWL, Sec. 5, T18S, R35E

RECEIVED  
JUN - 8 1980  
OIL CONSERVATION DIVISION  
SANTA FE

Very truly yours,

T. Harold McLemore  
Area Regulation and Proration Analyst

THM/jj  
Attachments

cc: Oil Conservation Division, Hobbs, New Mexico  
Texaco Inc., Hobbs, New Mexico  
w/Attachments



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT  
WEST UNITED STATES  
MIDLAND DIVISION

June 13, 1980

*File*  
*NSL - 1208*

RECEIVED  
JUN 15 1980  
TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79702  
MIDLAND DIVISION  
SANTA FE

*Waiver*

UNORTHODOX LOCATIONS-LINE INJECTION WELLS  
PHILLIPS PETROLEUM COMPANY  
EAST VACUUM BRAYBURG SAN ANDRES UNIT  
VACUUM GRAYBURG SAN ANDRES POOL  
LEA COUNTY, NEW MEXICO

New Mexico Department of Energy & Minerals  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

Attention: Mr. Joe D. Ramey

Gentlemen:

Texaco Inc. has been informed by Phillips Petroleum Company of their application for unorthodox locations of ten line injection wells on the subject unit as follows:

<u>TRACT NO.</u>	<u>WELL NO.</u>	<u>LOCATION</u>
2418	002	Unit P, 40' FSL & 260' FEL, Sec. 24, T-17-S, R-34-E
1911	002	Unit O, 50' FSL & 2470' FEL, Sec. 19, T-17-S, R-35-E
2923	003	Unit D, 10' FNL & 40' FWL, Sec. 29, T-17-S, R-35-E
2957	002	Unit L, 2540' FSL & 40' FWL, Sec. 29, T-17-S, R-35-E
2963	005	Unit M, 90' FSL & 50' FWL, Sec. 29, T-17-S, R-35-E
3236	008	Unit E, 2590' FNL & 50' FWL, Sec. 32, T-17-S, R-35-E
3127	007	Unit J, 2560' FSL & 2550' FEL, Sec. 31, T-17-S, R-35-E
3127	006	Unit J, 1330' FSL & 1530' FEL, Sec. 31, T-17-S, R-35-E
3127	005	Unit P, 10' FSL & 10' FEL, Sec. 31, T-17-S, R-35-E
0524	005	Unit E, 2540' FNL & 10' FWL, Sec. 5, T-18-S, R-35-E

Texaco Inc., as an offset operator, waives objection to the application.

Yours very truly,

Alan R. McDaniel  
Division Manager

By   
R. D. Tomberlin  
Division Petroleum Engineer

PHD/lt

cc: Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

NATURAL RESOURCES GROUP  
Exploration and Production

June 3, 1980

Unorthodox Locations--Line Injection Wells,  
East Vacuum Grayburg-San Andres Unit,  
Vacuum Grayburg-San Andres Pool,  
Lea County, New Mexico

Texaco Inc. (3)  
Producing Department--West U.S.  
Drawer 728  
Hobbs, New Mexico 88240

Attention: Mr. J. V. Gannon,  
District Superintendent

Gentlemen:

Your waiver of objections to the unorthodox locations of ten line injection wells on the subject unit is requested. These wells are covered by that certain cooperative water injection agreement dated May 10, 1980, and executed by Texaco Inc. as operator of the Central Vacuum Unit and by Phillips Petroleum Company. The proposed well locations are detailed herein and indicated on the attached unit plat. In addition, individual well location plats are included.

Proposed Unorthodox Locations

<u>Tract No.</u>	<u>Well No.</u>	<u>Location</u>
2418	002	Unit P, 40' FSL & 260' FEL, Sec. 24, T17S, R34E
1911	002	Unit O, 50' FSL & 2470' FEL, Sec. 19, T17S, R35E
2923	003	Unit D, 10' FNL & 40' FWL, Sec. 29, T17S, R35E
2957	002	Unit L, 2540' FSL & 40' FWL, Sec. 29, T17S, R35E
2963	005	Unit M, 90' FSL & 50' FWL, Sec. 29, T17S, R35E
3236	008	Unit E, 2590' FNL & 50' FWL, Sec. 32, T17S, R35E
3127	007	Unit J, 2560' FSL & 2550' FEL, Sec. 31, T17S, R35E
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3127	005	Unit P, 10' FSL & 10' FEL, Sec. 31, T17S, R35E
0524	005	Unit E, 2540' FNL & 10' FWL, Sec. 5, T18S, R35E

Please execute two copies of this letter as your waiver, mail one to the Santa Fe Oil Conservation Division office and one to me in the envelopes provided. Your early consideration will be appreciated.

Very truly yours,

T. Harold McLemore

Area Regulation and Proration Analyst

THM/jj  
Attachments

cc: <input checked="" type="checkbox"/> New Mexico Department of Energy and Minerals	Oil Conservation Division
Oil Conservation Division	Post Office Box 1980
Attention: Mr. Joe D. Ramey, Director	Hobbs, New Mexico 88240
Post Office Box 2088	
Santa Fe, New Mexico 87501	

w/Attachments	<u>OBJECTIONS WAIVED:</u> <u>TEXACO INC.</u>
	BY: _____
	TITLE: _____
	DATE: _____

**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.

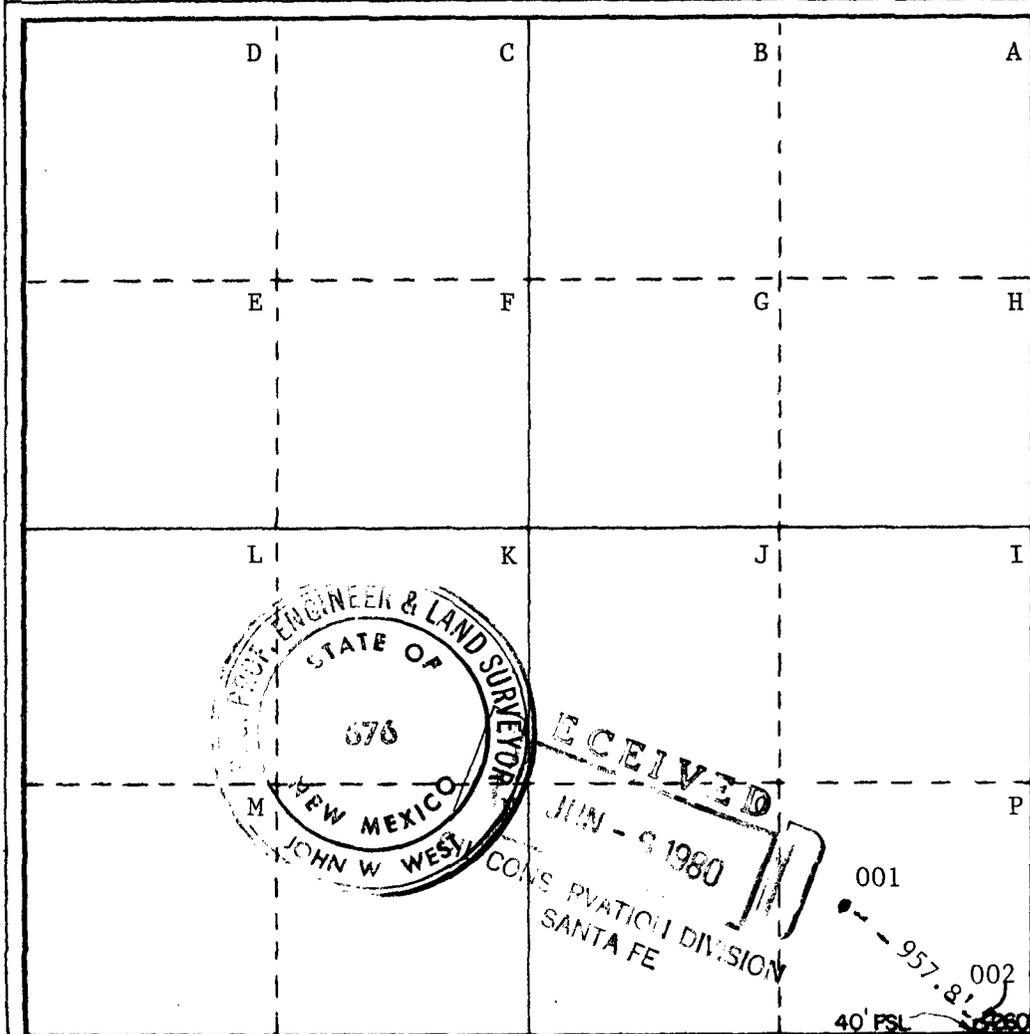
Operator <b>Phillips Petroleum Co.</b>			Lease <b>EVGSAU Tract 2418</b>		Well No. <b>002</b>
Unit Letter <b>P</b>	Section <b>24</b>	Township <b>17 South</b>	Range <b>34 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>40</b> feet from the <b>South</b> line and <b>260</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3991.5</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>		

- (Unprepared)
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
  - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
  - 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 \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i>	
Name	<b>Ralph J. Roper</b>
Position	<b>Senior Engineering Specialist</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>June 2, 1980</b>
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	<b>May 22, 1980</b>
Registered Professional Engineer and/or Land Surveyor	
<i>John W. West</i>	
Certificate No.	<b>JOHN W. WEST 676 PATRICK A. ROMERO 6663 Ronald J. Eidsen 3239</b>

001  
- 957.81  
002  
40' FSL

NEW MEXICO OIL CONSERVATION COMMISSION  
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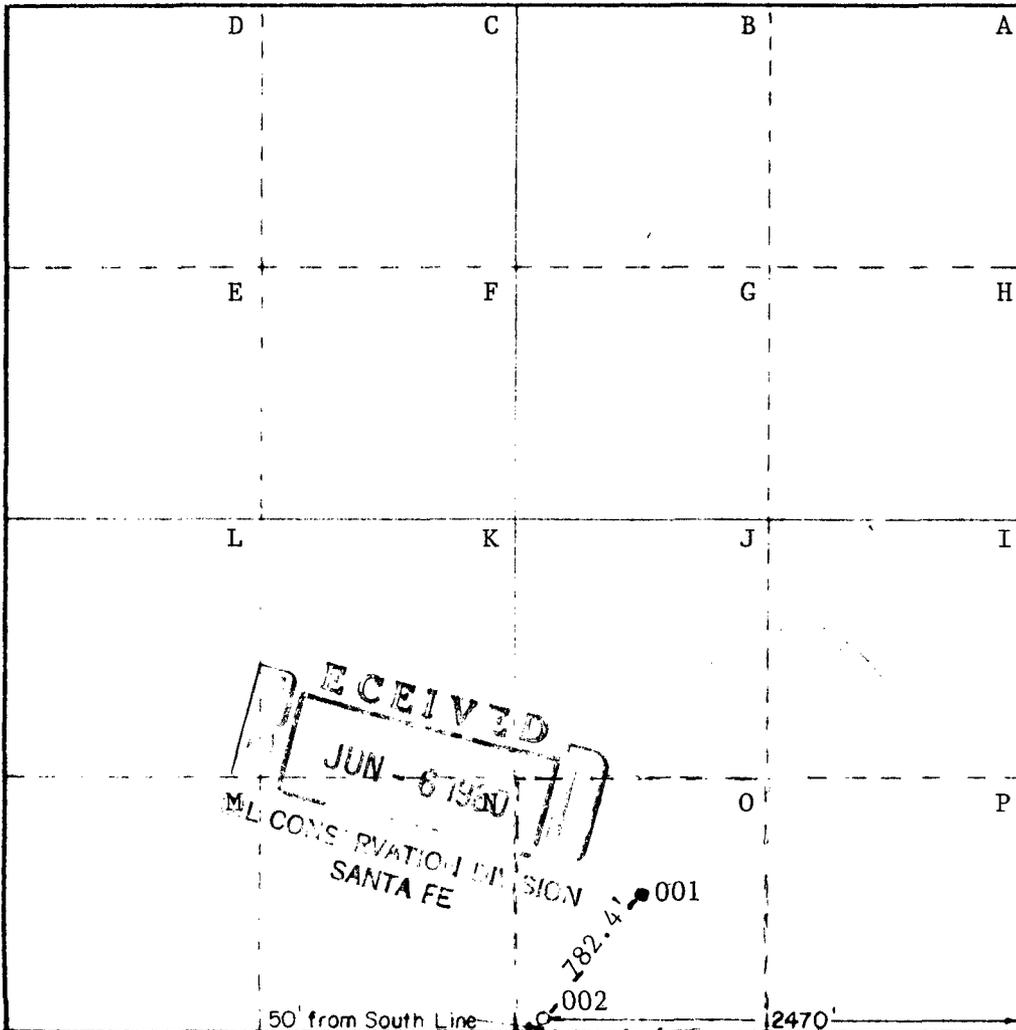
Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 1911</b>		Well No. <b>002</b>
Unit Letter <b>O</b>	Section <b>19</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>50</b> feet from the <b>South</b> line and <b>2470</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3988.9</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>	

- 1 (Unprepared) 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 \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Ralph J. Roper*  
Name

Ralph J. Roper  
Position

Senior Engineering Specialist  
Company

Phillips Petroleum Company  
Date

June 2, 1980

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.

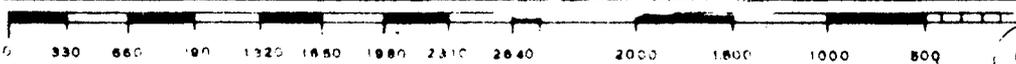
March 14, 1980

Professional Engineer

Signature

*John W. West*  
Certificate No.

JOHN W. WEST 676  
PATRICK A. ROMERO 6863  
Ronald J. Eidson 3239



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 2923</b>		Well No. <b>003</b>
Unit Letter <b>D</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>10</b> feet from the <b>North</b> line and <b>40</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3975.2</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>	

*(Unprepared)*  
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

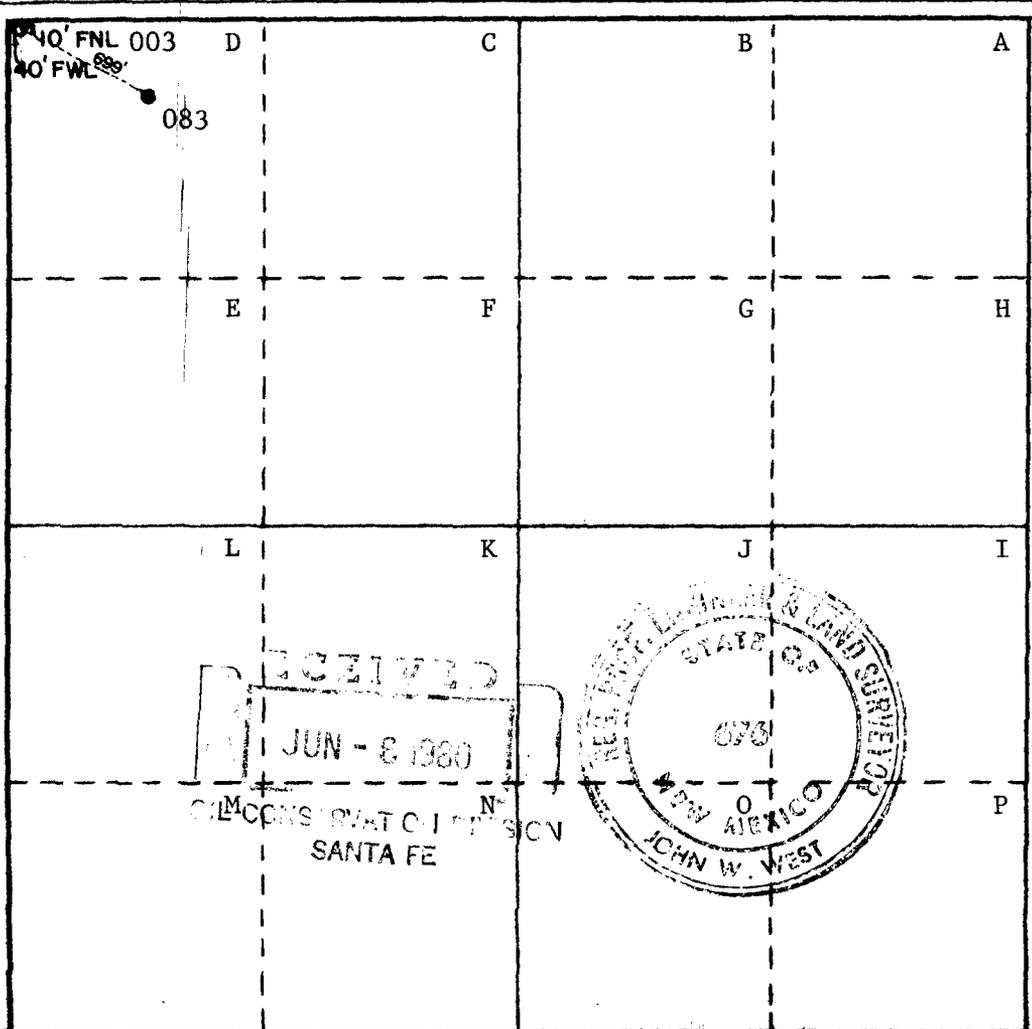
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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**CERTIFICATION**

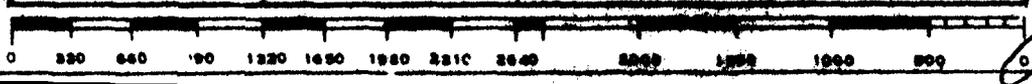
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Ralph J. Roper*  
Name  
Ralph J. Roper  
Position  
Senior Engineering Specialist  
Company  
Phillips Petroleum Company  
Date  
June 2, 1980

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 **May 22, 1980**

Registered Professional Engineer  
and/or Land Surveyor  
*John W. West*  
Certificate No. **JOHN W. WEST 678**  
**PATRICK A. ROMERO 668**  
**Ronald J. Eiden 3239**



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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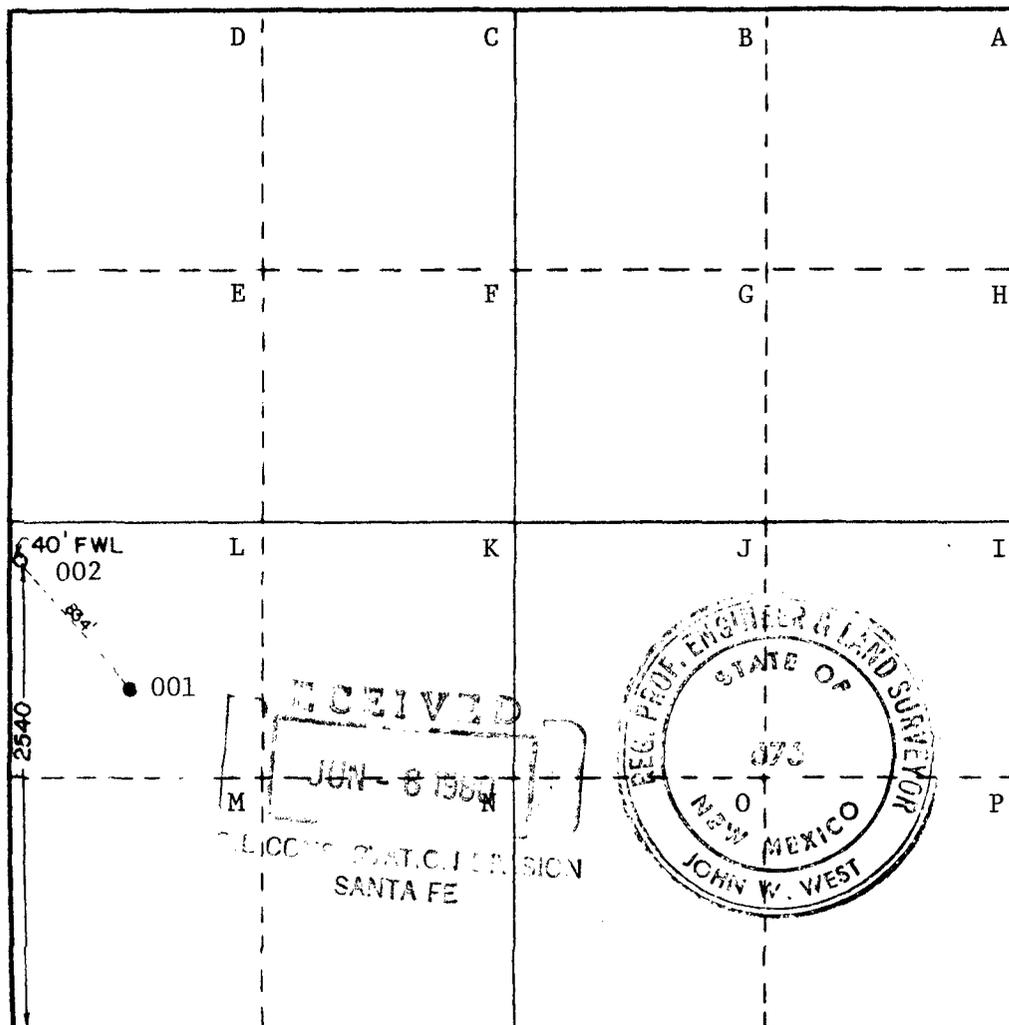
Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 2957</b>		Well No. <b>002</b>
Unit Letter <b>L</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>2540</b> feet from the <b>South</b> line and <b>40</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3971.1</b> (Unprepared)	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>	

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?
 

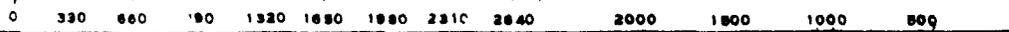
Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i>	
Name	Ralph J. Roper
Position	Senior Engineering Specialist
Company	Phillips Petroleum Company
Date	June 2, 1980
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	May 22, 1980
Registered Professional Engineer and/or Land Surveyor	<i>John W. West</i>
Certificate No.	JOHN W. WEST 676 PATRICK A. ROMERO 6663 RONALD J. EIDSON 3239



**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 Tract 2963</b>		Well No. <b>005</b>
Unit Letter <b>M</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>90</b> feet from the <b>South</b> line and <b>50</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3972.8</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - live injection well</b>	

(Unprepared)  
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

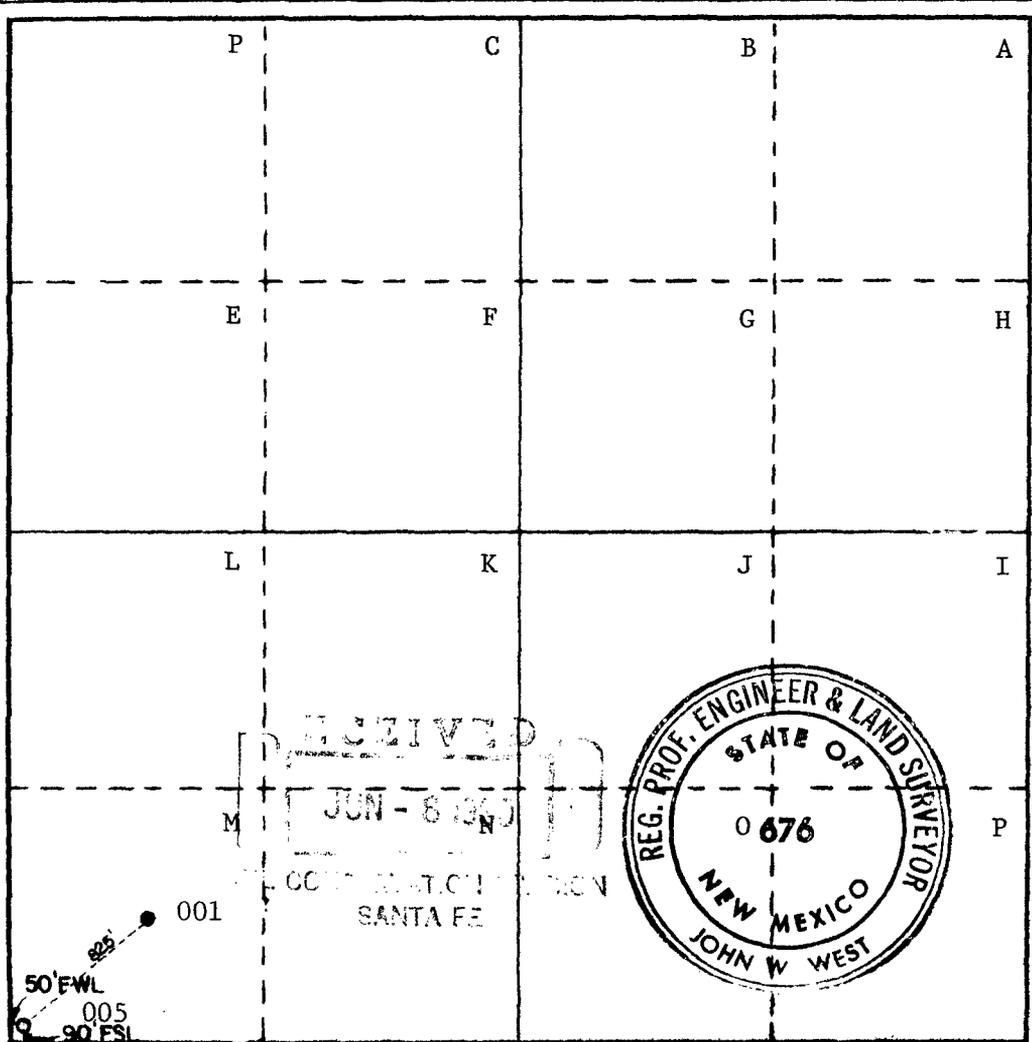
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 \_\_\_\_\_

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<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i> <b>Ralph J. Roper</b>	
Name	
Position	<b>Senior Engineering Specialist</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>June 2, 1980</b>
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	<b>May 22, 1980</b>
Registered Professional Engineer and/or Land Surveyor	<i>John W. West</i>
Certificate No.	<b>JOHN W. WEST 676 PATRICK A. ROMERO 8888 Ronald J. Eldon 3232</b>

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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Supersedes C-128  
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All distances must be from the outer boundaries of the Section

Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 3236</b>		Well No. <b>008</b>
Unit Letter <b>E</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>2590</b> feet from the <b>North</b> line and <b>50</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3972.3</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>	

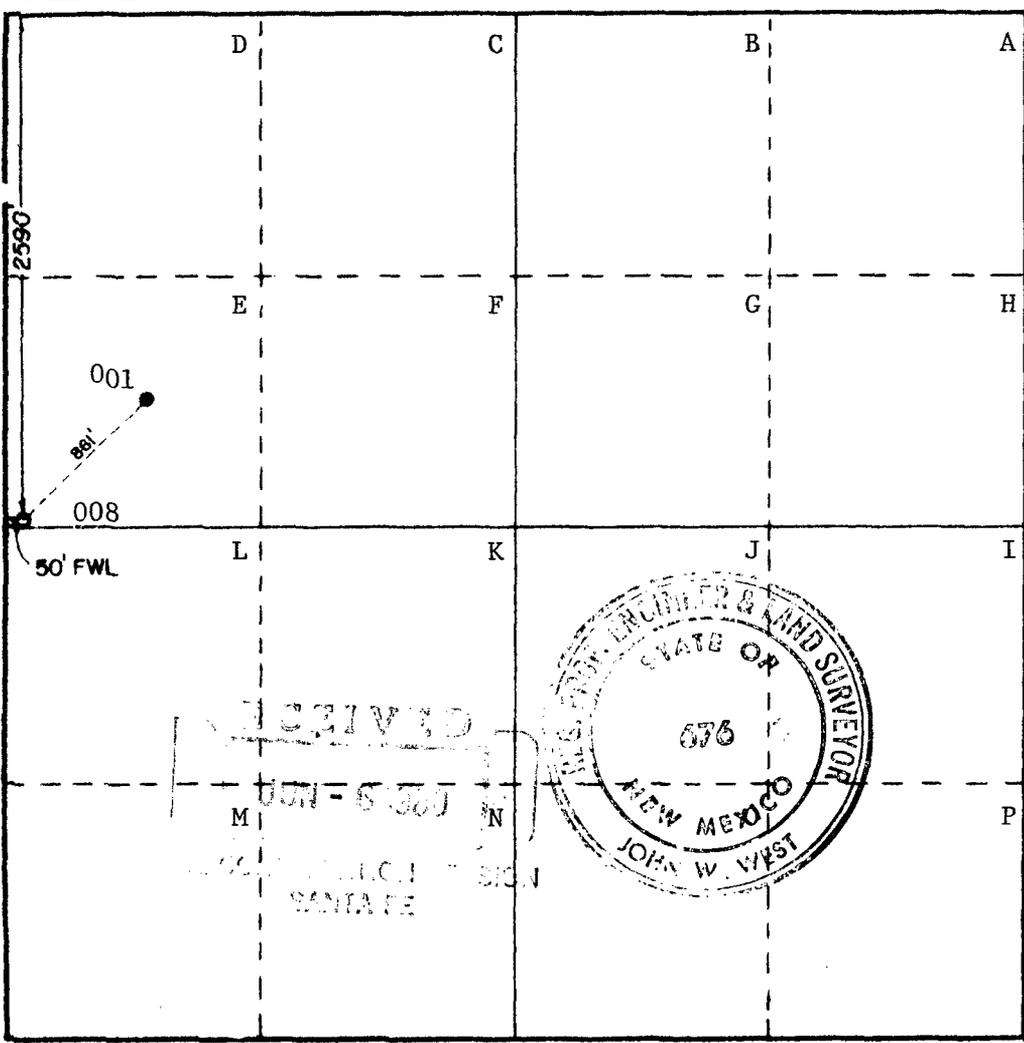
(Unprepared)  
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

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 \_\_\_\_\_

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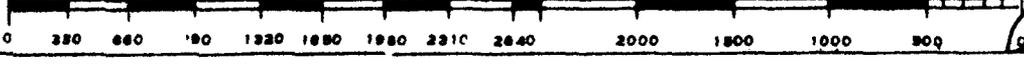
**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Ralph J. Roper*  
Name  
Ralph J. Roper  
Position  
Senior Engineering Specialist  
Company  
Phillips Petroleum Company  
Date  
June 2, 1980

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  
**May 22, 1980**  
Registered Professional Engineer and/or Land Surveyor  
*John W. West*  
Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 668**  
**Ronald J. Eidson 3239**



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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All distances must be from the outer boundaries of the Section

Operator <b>Phillips Petroleum Co.</b>			Lease <b>EVGSAU Tract 3127</b>		Well No. <b>007</b>
Unit Letter <b>J</b>	Section <b>31</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	

Actual Footage Location of Well:  
**2560** feet from the **South** line and **2550** feet from the **East** line

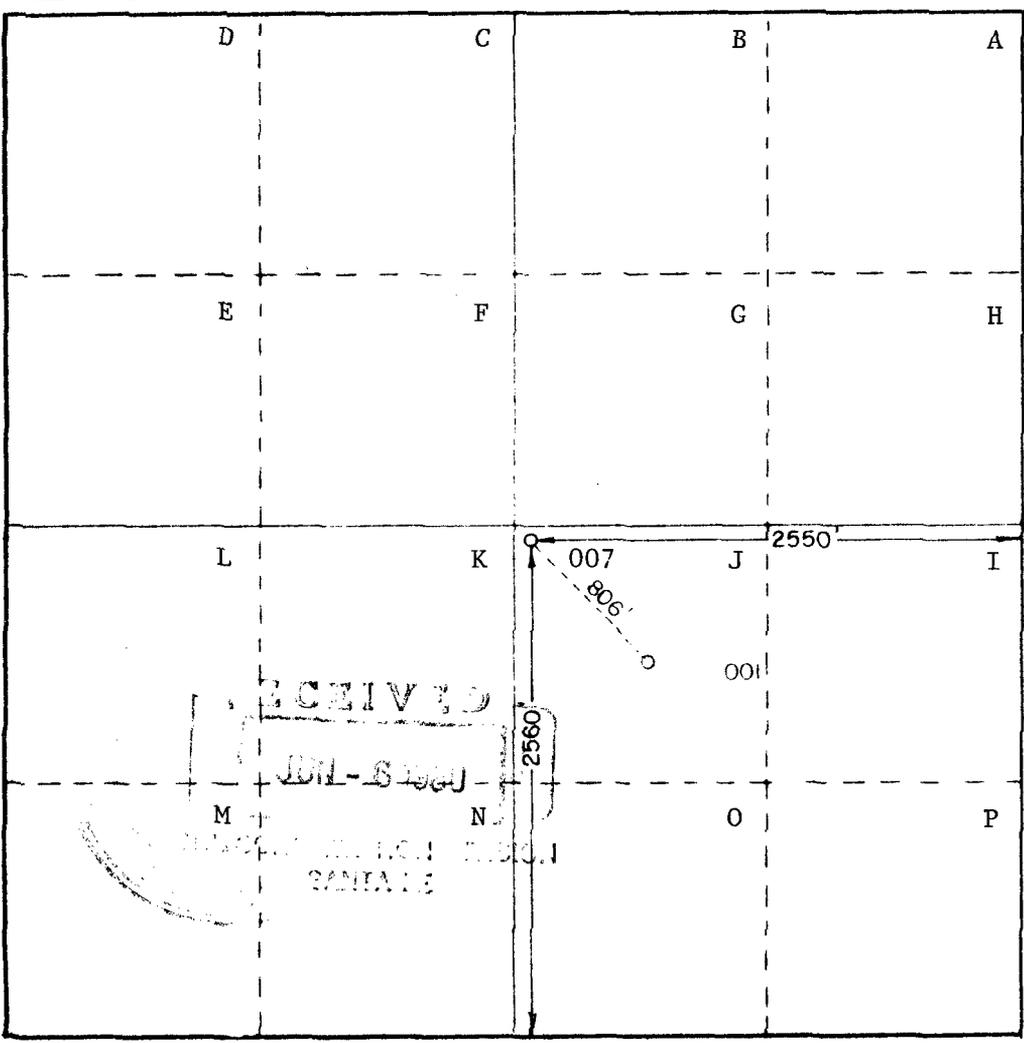
Ground Level Elev. <b>3975.5</b> (Unprepared)	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>
---	---	--	--

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).
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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.



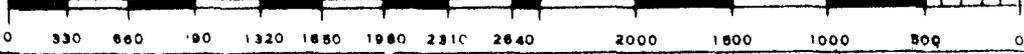
**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Ralph J. Roper*  
 Ralph J. Roper  
 Senior Engineering Specialist  
 Phillips Petroleum Company  
 June 2, 1980

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  
**March 14, 1980**  
 Registered Professional Engineer and Land Surveyor  
*John W. West*  
 Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6668**  
**Ronald J. Eidson 3239**



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 Tract 3127</b>		Well No <b>006</b>
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Init Letter <b>J</b>	Section <b>31</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
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Actual Well Location of Well:  
**1330** feet from the **South** line and **1530** feet from the **East** line

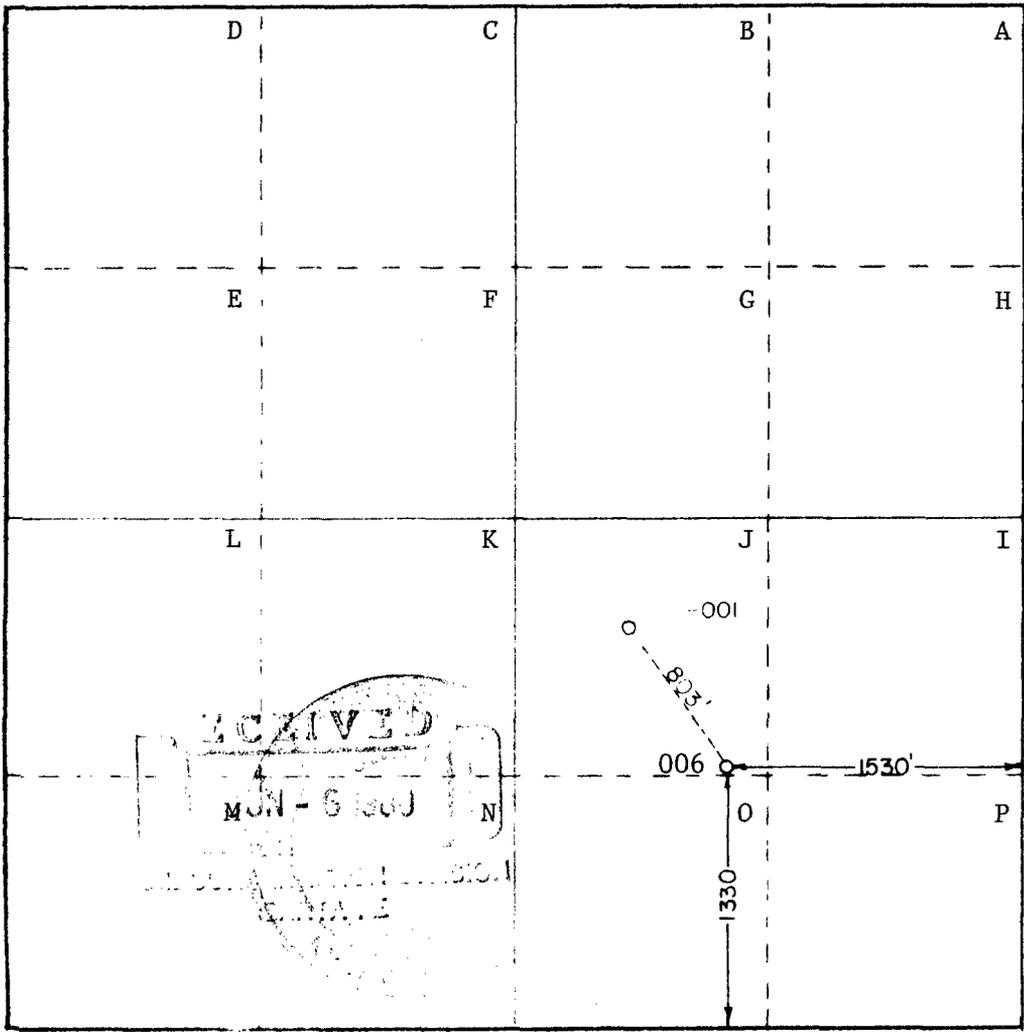
Ground Level Elev. <b>3964.2</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>
-------------------------------------	---	--	--

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  
(Unprepared)
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?

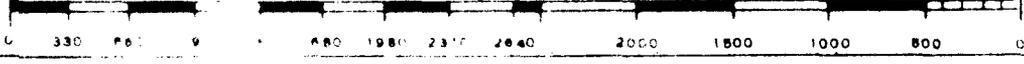
Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i>	
Name	<b>Ralph J. Roper</b>
Position	<b>Senior Engineering Specialist</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>June 2, 1980</b>
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	<b>March 14, 1980</b>
Registered Professional Engineer and State Surveyor	<i>John W. West</i>
Certificate No.	<b>JOHN W. WEST 676 PATRICK A. ROMERO 6685 Ronald J. Eldson 3239</b>



**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.

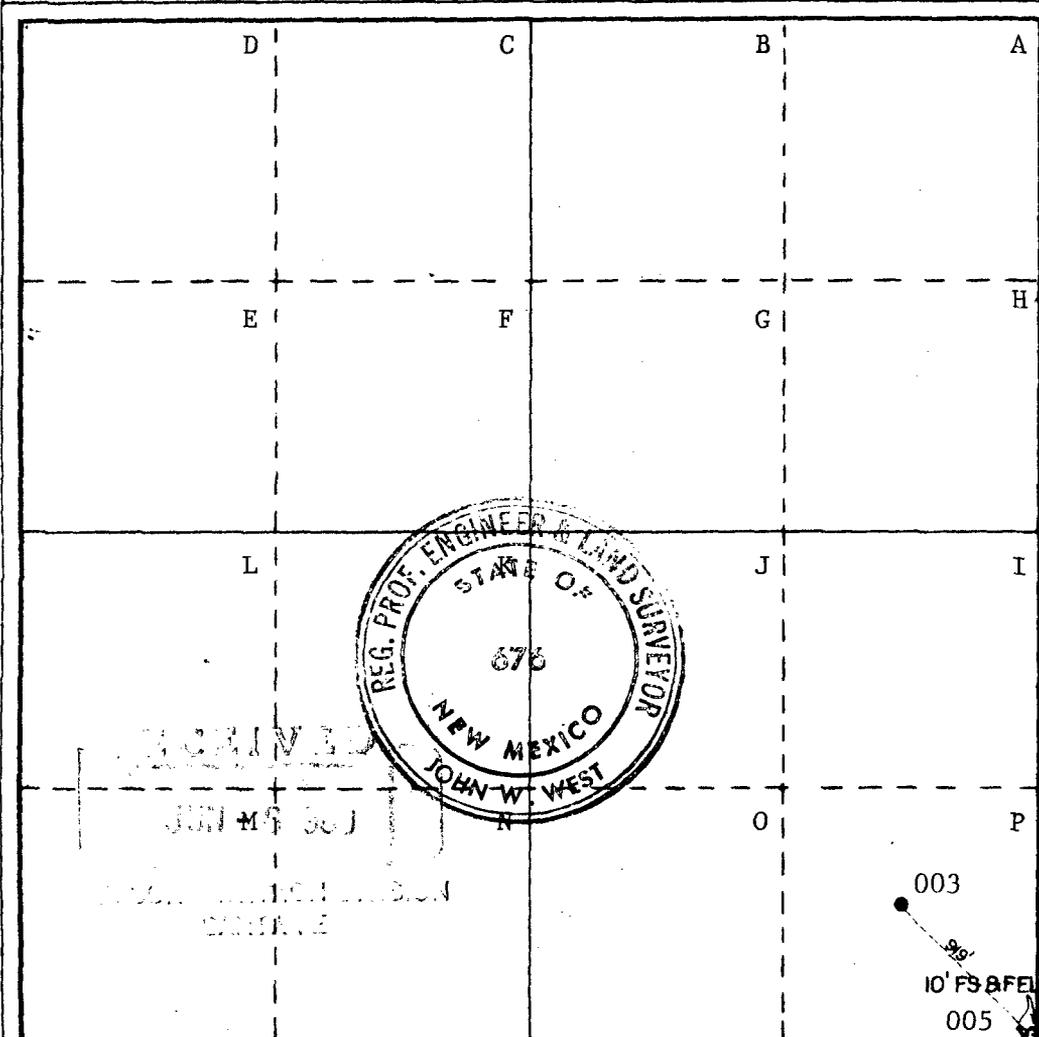
Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 3127</b>		Well No. <b>005</b>
Unit Letter <b>P</b>	Section <b>31</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>10</b> feet from the <b>South</b> line and <b>10</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3966.5</b> (Unprepared)	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/ San Andres</b>	Dedicated Acreage: <b>None - line injection well</b>	

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 \_\_\_\_\_

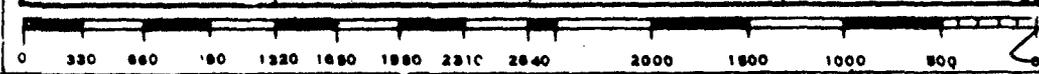
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.



RECEIVED  
JUN 17 1980

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i>	
Name	Ralph J. Roper
Position	Senior Engineering Specialist
Company	Phillips Petroleum Company
Date	June 2, 1980
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	May 22, 1980
Registered Professional Engineer and/or Land Surveyor	
<i>John W. West</i>	
Certificate No.	JOHN W. WEST 676 PATRICK A. ROMERO 668 Ronald J. Eidsen 3239



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-107  
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 Tract 0524</b>		Well No. <b>005</b>
Unit Letter <b>E</b>	Section <b>5</b>	Township <b>18 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2540</b> feet from the <b>North</b> line and <b>10</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3970.2</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Grayburg/ San Andres</b>		Dedicated Acreage: <b>None - line injection well</b>

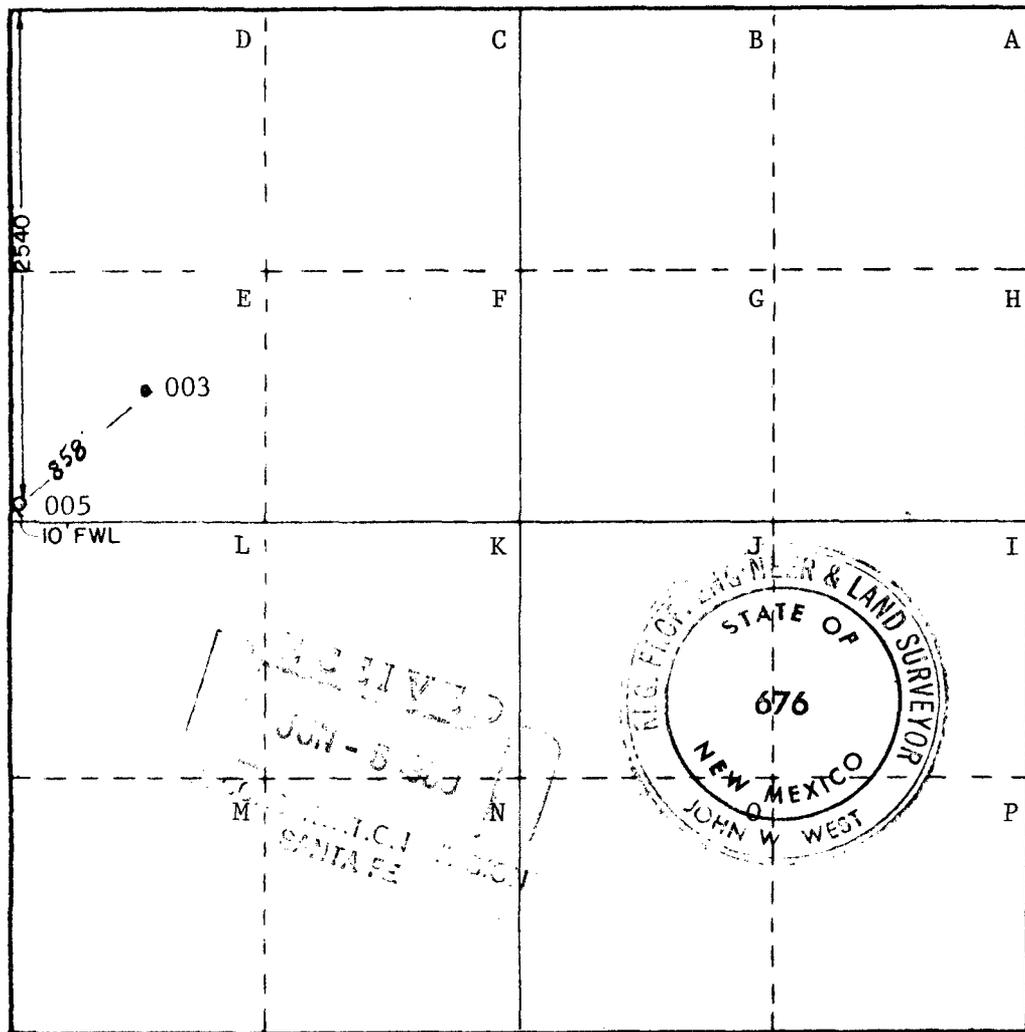
(Unprepared)  
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

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).

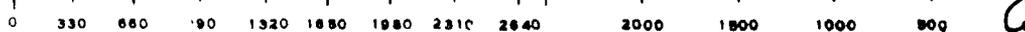
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  
 Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_

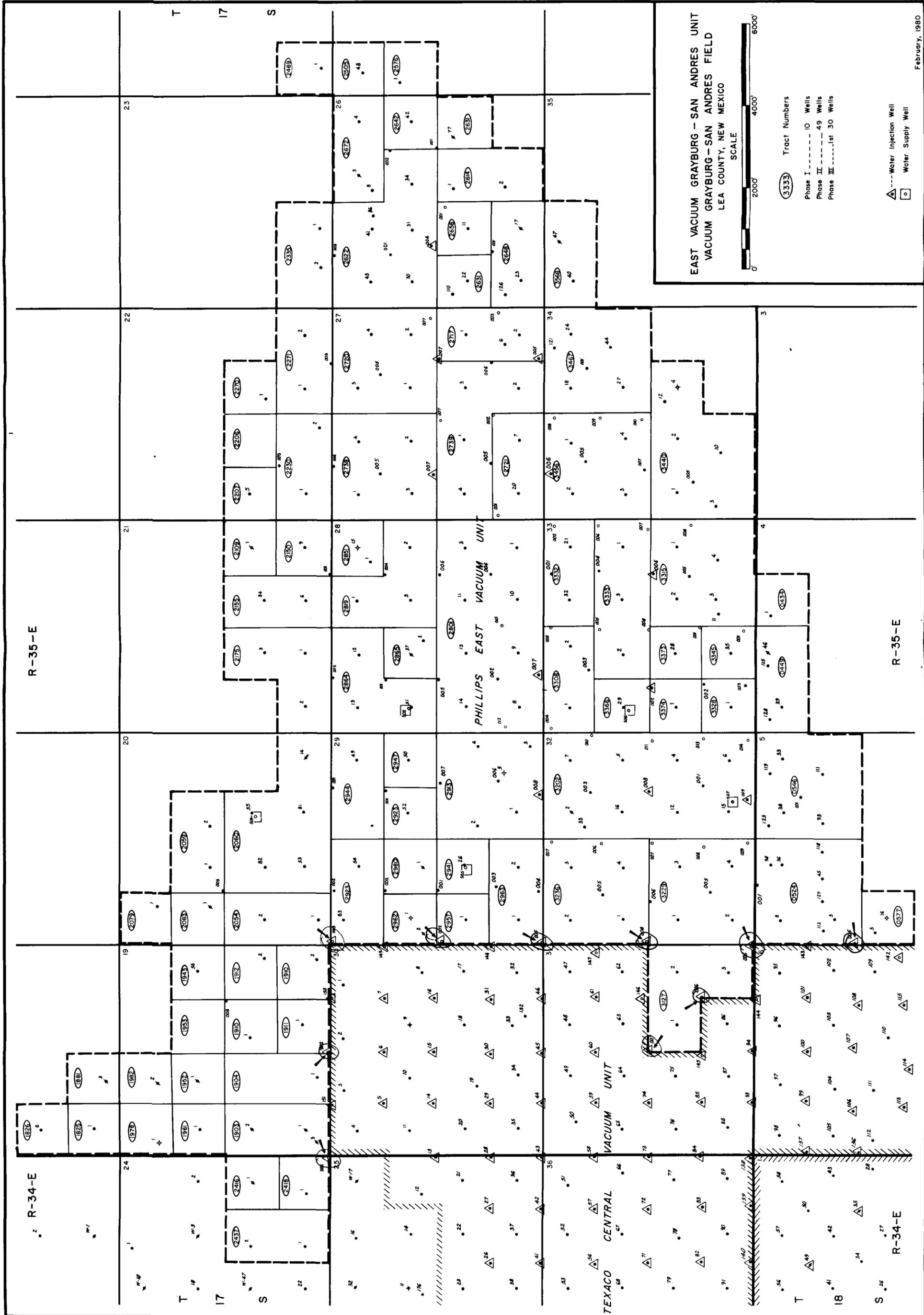
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Ralph J. Roper</i>	
Name	<b>Ralph J. Roper</b>
Position	<b>Senior Engineering Specialist</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>June 2, 1980</b>
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	<b>May 22, 1980</b>
Registered Professional Engineer and/or Land Surveyor	
<i>John W. West</i>	
Certificate No.	<b>JOHN W. WEST 676</b>
	<b>PATRICK A. ROMERO 6665</b>
	<b>Ronald J. Eidson 3239</b>





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



- Tract Numbers  
 Phase I - - - - - 10 Wells  
 Phase II - - - - - 49 Wells  
 Phase III - - - - - 30 Wells

- △ --- Water Injection Well  
 □ Water Supply Well

R-35-E

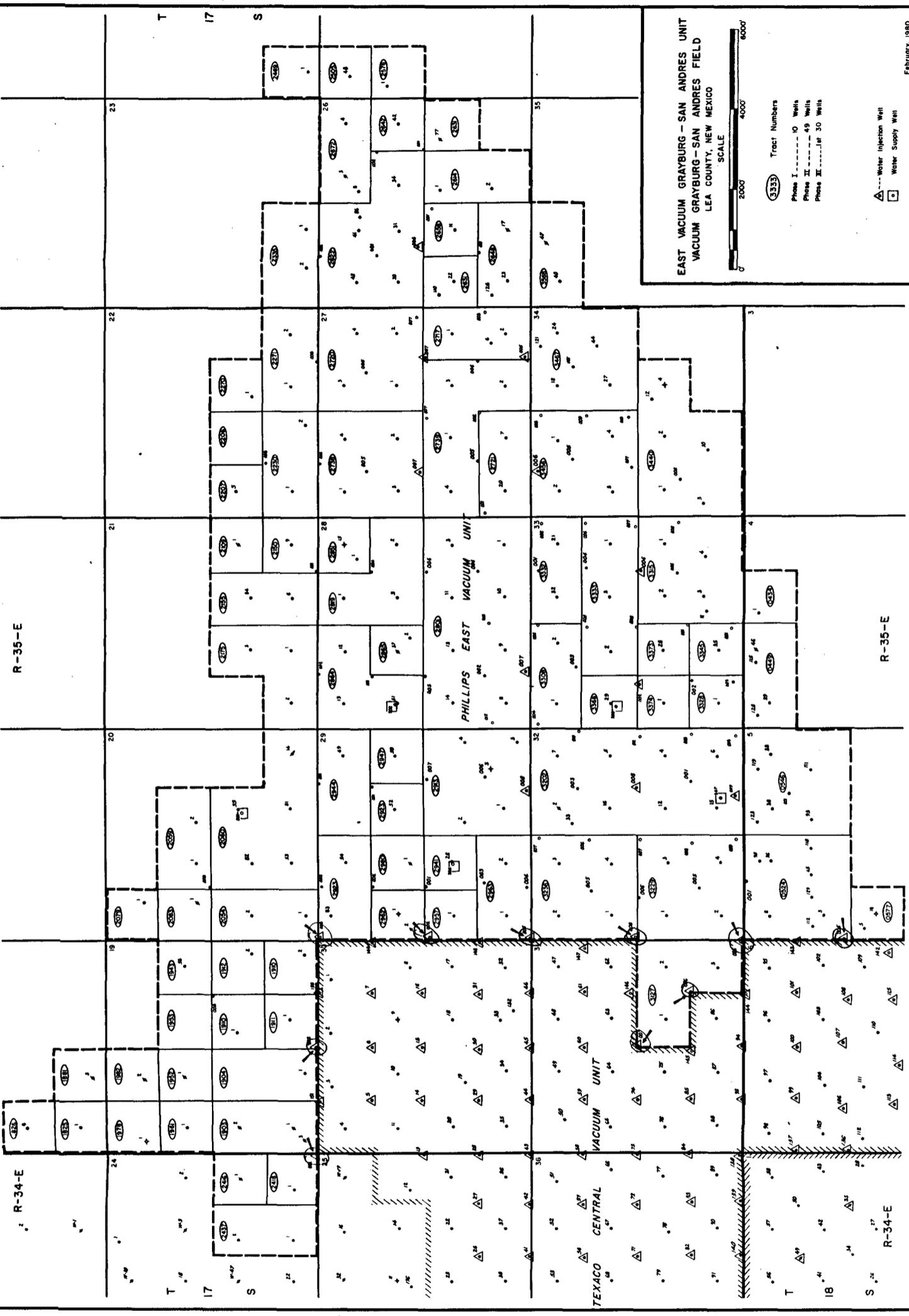
R-35-E

R-34-E

R-34-E

PHILLIPS EAST VACUUM UNIT

TEXACO CENTRAL VACUUM UNIT



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

SCALE  
 0 2000 4000 6000

Tract Numbers  
 Phase I ----- 10 Wells  
 Phase II ----- 49 Wells  
 Phase III ----- 30 Wells

△ --- Water Injection Well  
 □ --- Water Supply Well

February, 1980

COOPERATIVE WATER INJECTION AGREEMENT

THIS AGREEMENT, entered into effective as of the date of execution, to be known as the Vacuum (Grayburg-San Andres) Cooperative Water Injection Agreement, by and between the Central Vacuum Unit, represented by Texaco Inc. as Unit Operator, hereinafter referred to as "Central Unit Operator", and the East Vacuum Unit, represented by Phillips Petroleum Company as Unit Operator, hereinafter referred to as "East Unit Operator".

W I T N E S S E T H:

WHEREAS, Central Unit Operator is the Operator of the Central Vacuum Unit covering certain leases and lands, located in Townships 17 South and 18 South, Ranges 34 East and 35 East, Lea County, New Mexico, as more particularly described in the Central Vacuum Unit Agreement to which reference is made for purposes of description; and

WHEREAS, East Unit Operator is the Operator of the East Vacuum Unit covering certain leases and lands located in Townships 17 South and 18 South, Ranges 34 East and 35 East, Lea County, New Mexico, as more particularly described in the East Vacuum Unit Agreement to which reference is made for purposes of description; and

WHEREAS, Central Unit Operator and East Unit Operator desire to provide for the operation of water injection wells on or near the common boundary of the Central Vacuum Unit and the East Vacuum Unit, and to provide for the injection of water into the underlying Grayburg-San Andres formation through said injection wells so that the leases and lands mentioned above will be benefited by an increase in the production of crude oil.

NOW, THEREFORE, in consideration of the premises it is agreed as follows:

1. Central Unit Operator and East Unit Operator, as soon as practical following the effective date of this agreement each agree to drill, complete and equip water injection wells in the

Grayburg-San Andres formation at the approximate locations shown on the plat attached hereto as Exhibit "A", and with location descriptions as tabulated on Exhibit "B", also attached and made a part hereof for all purposes.

The term "injection wells" shall mean any and all injection wells described and identified herein. Each Unit Operator shall operate its water injection wells and furnish suitable water as required for injection through its water injection system. Injection of water into any of the injection wells covered by this agreement in the Grayburg-San Andres formation shall be at such rates and at such pressures that will comply with the rules and regulations of the Oil Conservation Division of the Department of Energy and Minerals of the State of New Mexico. Also, within the boundary of these rules and regulations, the injection rates and pressures shall be mutually agreeable between the parties hereto. In the event of channeling or other damage to any well, on either Unit, where the cause can be clearly traced to an injection well listed on Exhibit "B" hereto, injection will be ceased into the offending well, by mutual agreement, pending remedial work.

2. Each Unit Operator agrees to pay all costs and expenses incurred in connection with drilling, completing and equipping the wells which it shall drill hereunder.

3. Upon drilling, completing and equipping the wells provided for above, each injection well will be operated by its Unit Operator.

4. Each Unit Operator agrees to furnish water suitable for injection purposes through its respective Water Injection System. The water delivered hereunder to an injection well shall be measured by standard type water metering equipment installed and operated by each Unit Operator.

5. For proration purposes, each unit will be entitled to receive credit for all water injected, through its injection wells.

6. The term of this agreement shall commence as of the date hereof and shall continue for so long as oil and gas are produced from the leases which cover the above described lands. At any time that a party hereto shall be of the opinion that the water injection operation being conducted hereunder is no longer economically profitable to that party, then said party shall have the right to terminate its participation in the water injection operations upon giving thirty (30) days advance written notice to the other party of this intention to terminate participation. The other party hereto then shall have the option at its risk and expense to take over and operate the water injection wells. In such event, the party taking over the water injection wells is to be granted the right of ingress and egress to said injection wells, together with rights-of-way and easements necessary to continue operation of the water injection wells, but this grant is to be made without representation and any warranty whatsoever and only insofar as the terminating party then can legally make such a grant. The party taking over operations of the water injection wells shall pay the other party for the equipment therein on the basis of the current net salvage value thereof in place, and when said party wishes to discontinue the water injection operations, such party shall plug and abandon the water injection wells in compliance with all contractual obligations and rules and regulations of each governmental body having jurisdiction, at its sole cost, risk and expense. The net salvage value is defined as the value of all recoverable equipment less cost to recover and abandon well. The party taking over said wells hereby shall indemnify and hold the other party hereto harmless from and against any and all claims, charges, suits and any liabilities arising out of or in any way associated with subsequent operations. The parties agree to execute and deliver, each to the other, such instruments or assurances as may be required to accomplish its intents and purposes of this article.

7. In the event that any party hereto is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, upon such party's giving notice and reasonably full particulars of such force majeure in writing or by telegraph to the other party or parties hereto within a reasonable time after the occurrence of the cause relied upon, the obligations of the party giving said notice, insofar as they are affected by such force majeure, shall be suspended during the continuance of any inability so caused, but for no longer period; and the cause of the force majeure so far as possible shall be remedied with all reasonable dispatch.

The term "force majeure" as employed herein shall mean an act of God, strike, lockout or other industrial disturbance, act of the public enemy, war, blockade, riot, lightning, fire, storm, flood, explosion, governmental restraint, failure of water supply, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension.

The settlement of strikes, lockouts, and other labor difficulties shall be entirely within the discretion of the party having the difficulty. The above requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes, lockouts or other labor difficulty by acceding to the demands of opponents therein when such course is inadvisable in the discretion of the party having the difficulty.

8. The rights, duties, obligations and liabilities of the parties hereto shall be several, and not joint or collective, and nothing herein contained shall ever be construed as creating a partnership of any kind, joint venture, an association or a trust or as imposing upon any or all of the parties hereto a partnership duty, obligation or liability. Each party hereto shall be individually responsible only for its obligations, as set out in this agreement.

9. Each party hereby elects to be excluded from the application of Sub-chapter "K" of Chapter 1 of Subtitle "A" of the Internal Revenue Code of 1954, insofar as such Sub-chapter or any portion or portions thereof may be applicable to the parties in respect to the operations covered by this agreement. Operator is hereby authorized and directed to execute on behalf of each of the parties hereto such additional or further evidence of such election as may be required by regulations issued under such Sub-chapter "K", or should said regulations require each party to execute such further evidence, each party agrees to execute such evidence or to join in the execution thereof.

10. Each party hereto agrees to indemnify and hold the other party hereto harmless from all liability, claims and demands resulting from each such party's operations conducted pursuant to this agreement. Each party warrants that it has full right and authority to enter into this agreement, both on behalf of itself and every person, firm, or corporation having any working interest rights in the oil and gas leases operated by it who has not ratified and confirmed this agreement, and each party shall indemnify and hold the other party harmless from any and all liability claims and demands asserted by such working interest owners.

11. The terms and provisions hereof shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors, legal representations and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this agreement this 10 day of March, 1980.

TEXACO INC.  
as Operator of the  
Central Vacuum Unit

By

J. F. Clarke  
Attorney-in-Fact

PHILLIPS PETROLEUM COMPANY  
as Operator of the  
East Vacuum Unit

By

E. E. Clark  
Attorney-in-Fact

COOPERATIVE WATER INJECTION AGREEMENT

EXHIBIT A

PROPOSED UNORTHODOX LOCATIONS

May 10, 1980

<u>Tract No.</u>	<u>Well No.</u>	<u>Location</u>
2418	002	Unit P, 40' FSL and 260' FEL, Sec 24, T-17-S, R-34-E
1911	002	Unit O, 50' FSL and 2470' FEL, Sec 19, T-17-S, R-35-E
2923	003	Unit D, 10' FNL and 40' FWL, Sec 29, T-17-S, R-35-E
2957	002	Unit L, 2540' FSL and 40' FWL, Sec 29, T-17-S, R-35-E
2963	005	Unit M, 90' FSL and 50' FWL, Sec 29, T-17-S, R-35-E
3236	008	Unit E, 2590' FNL and 50' FWL, Sec 32, T-17-S, R-35-E
3127	007	Unit J, 2560' FSL and 2550' FEL, Sec 31, T-17-S, R-35-E
3127	006	Unit J, 1330' FSL and 1530' FEL, Sec 31, T-17-S, R-35-E
3127	005	Unit P, 10' FSL and 10' FEL, Sec 31, T-17-S, R-35-E
0524	005	Unit E, 2540' FNL and 10' FWL, Sec 5, T-18-S, R-35-E