



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

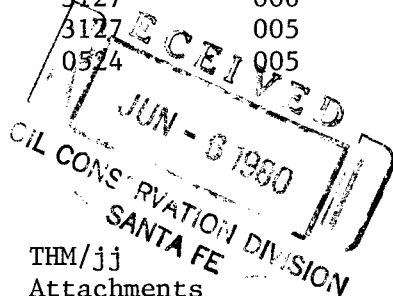
Gentlemen:

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



THM/jj

Attachments

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

Very truly yours,

T. Harold McLemore

Area Regulation and Proration Analyst

NSL-1208

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

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.

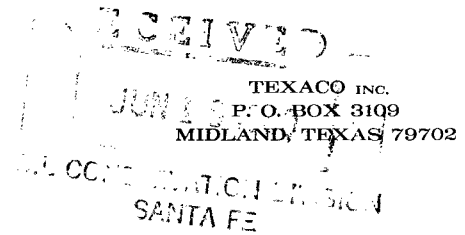


PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
MIDLAND DIVISION

June 13, 1980

File
HSL-1208



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
3127	006	Unit J, 1330' FSL & 1530' FEL, Sec. 31, T17S, R35E
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
T. Harold McLeMore

Area Regulation and Proration Analyst

THM/jj
Attachments

cc: ☒ 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

OBJECTIONS WAIVED: TEXACO INC.

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.

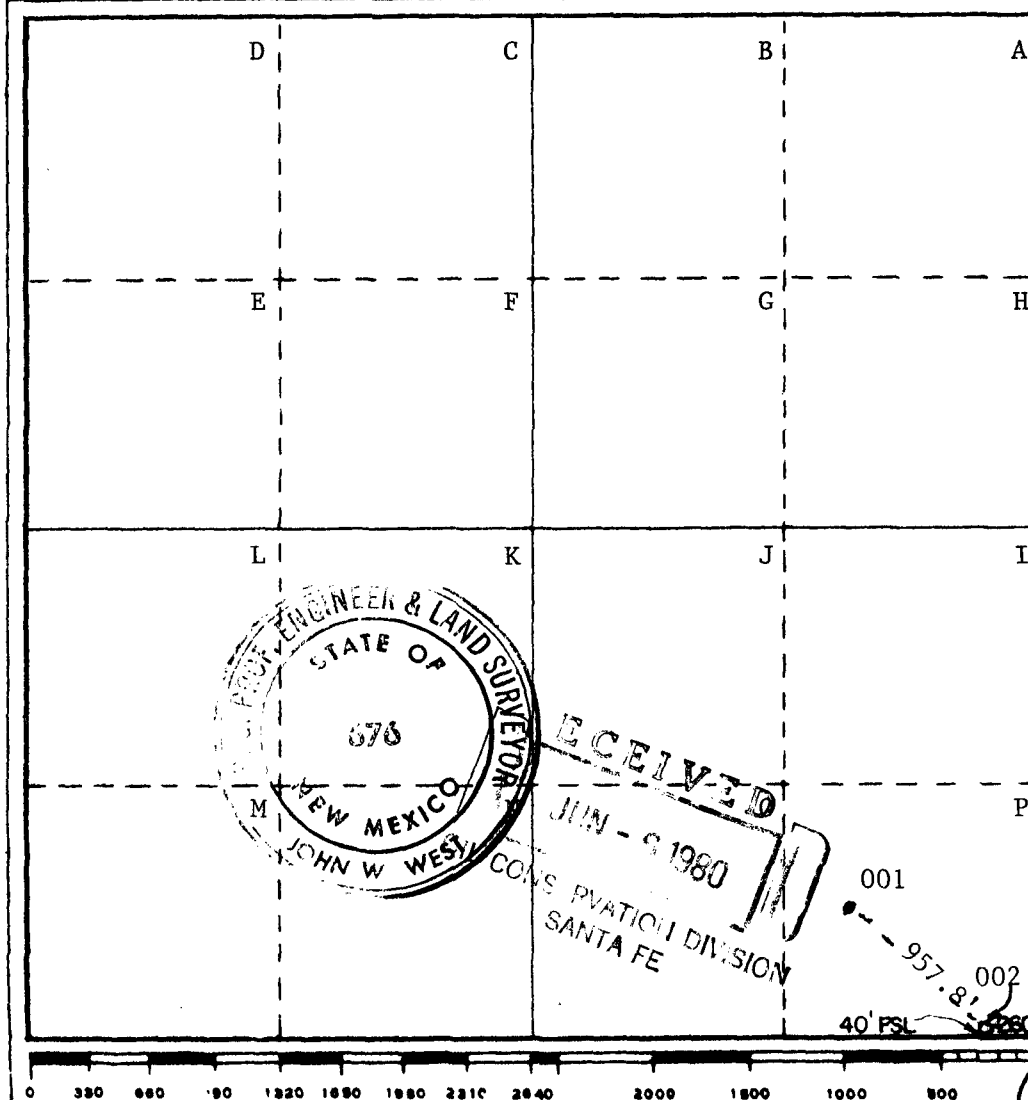
Operator Phillips Petroleum Co.			Lease EVGSAU Tract 2418		Well No. 002
Unit Letter P	Section 24	Township 17 South	Range 34 East	County Lea	
Actual Footage Location of Well: 40 feet from the South line and 260 feet from the East line					
Ground Level Elev. 3991.5	Producing Formation Grayburg/San Andres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

- (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.



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 6663
Ronald J. Eidsen 3239

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
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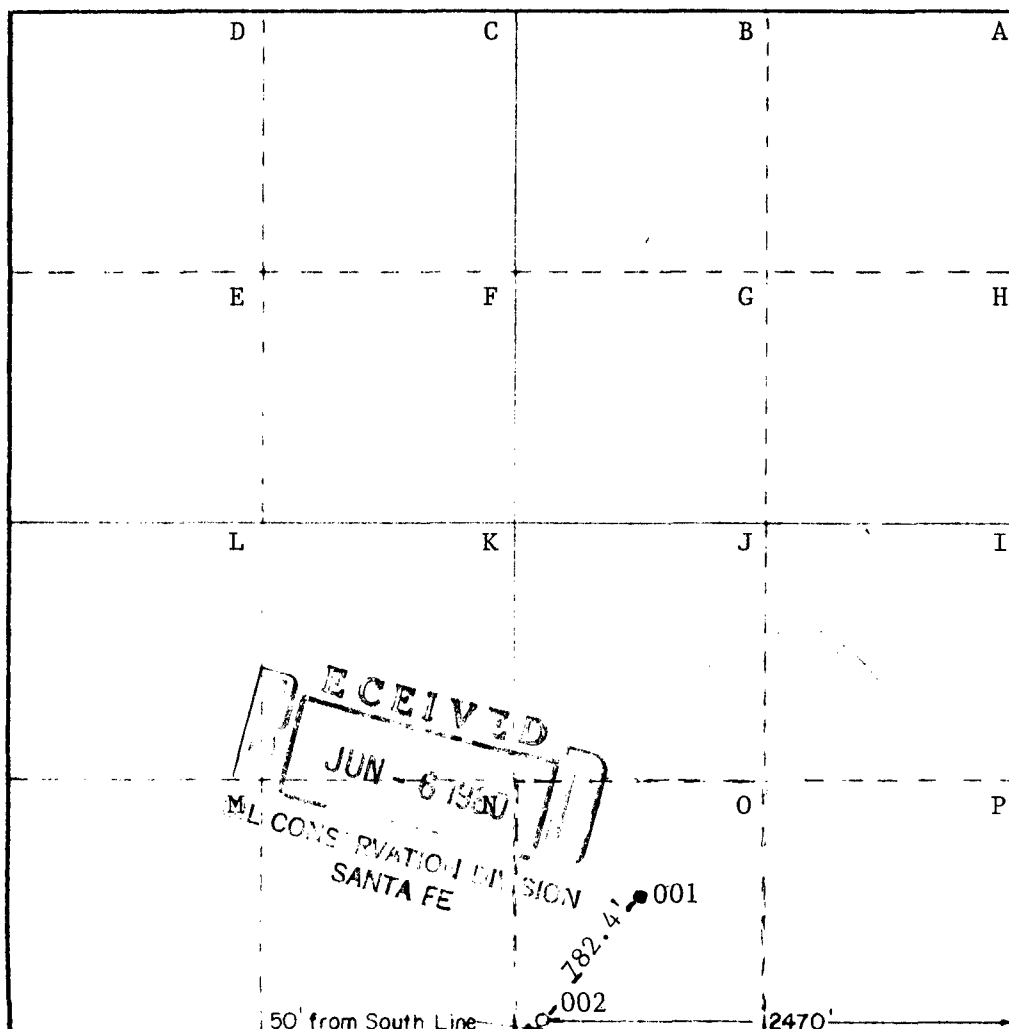
Operator Phillips Petroleum Co.		Lease EVGSAU Tract 1911		Well No. 002
Unit Letter O	Section 19	Township 17 South	Range 35 East	County Lea
Actual Footage Location of Well: 50 feet from the South line and 2470 feet from the East line				
Ground Level Elev. 3988.9	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres	Dedicated Acreage: None - line injection well

- (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
March 14, 1980

Registered Professional Engineer

No. 10,000,000

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**

Form C-102
Supersedes C-128
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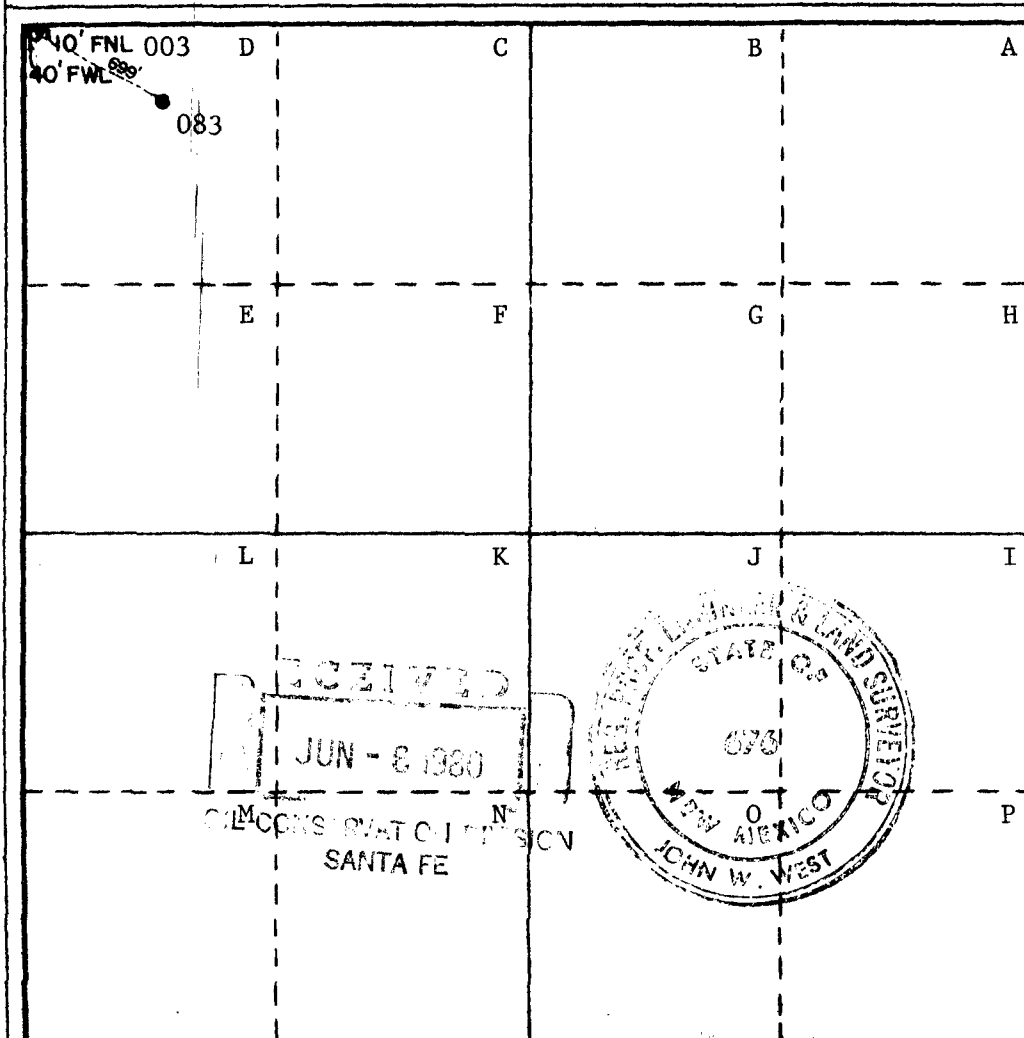
Operator Phillips Petroleum Co.			Lease EVGSAU Tract 2923		Well No. 003
Unit Letter D	Section 29	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 10 feet from the North line and 40 feet from the West line					
Ground Level Elev. 3975.2	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres		Dedicated Acreage: None - line injection well

- (Unprepared)
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 878**
PATRICK A. ROMERO 6688
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

All distances must be from the outer boundaries of the Section.

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

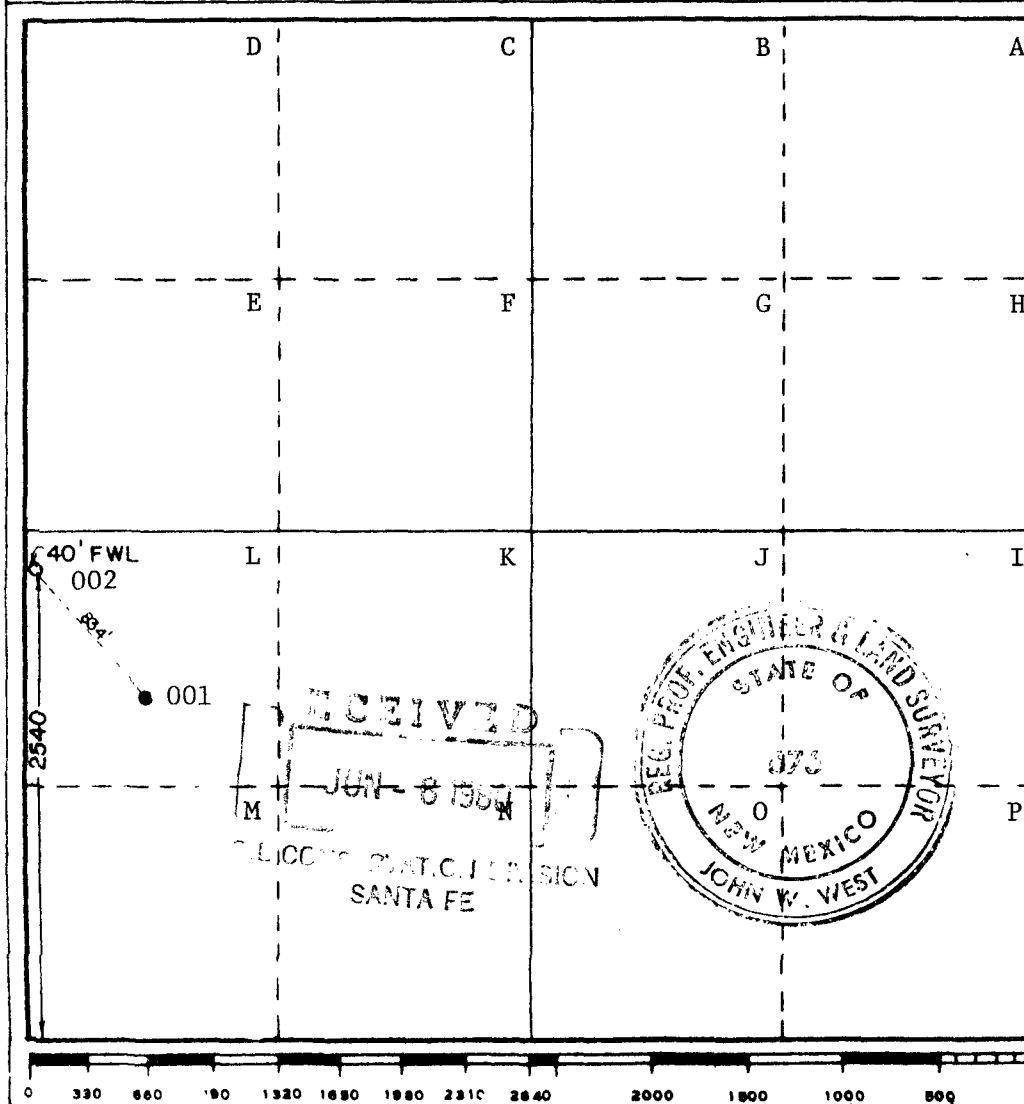
(Unprepared)

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CERTIFICATION

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Ralph J. Roper
Name

Ralph J. Roper
Position

Senior Engineering Specialist
Company

Phillips Petroleum Company
Date

June 2, 1980

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Date Surveyed

May 22, 1980

Registered Professional Engineer
and/or Land Surveyor

John W. West

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

(Unprepared)

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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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P	C	B	A
E	F	G	H
L	K	J	I

001
50' FWL
005
90' FSL

RECEIVED
JUN - 8 1980
COMMISSIONER
SANTA FE

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

Name

Senior Engineering Specialist

Position

Phillips Petroleum Company

Company

June 2, 1980

Date

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 6668
Ronald J. Eldon 3239

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800

**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 Co.			Lease EVGSAU Tract 3236		Well No. 008
Unit Letter E	Section 32	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 2590 feet from the North line and 50 feet from the West line					
Ground Level Elev. 3972.3	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres		Dedicated Acreage: None - line injection well

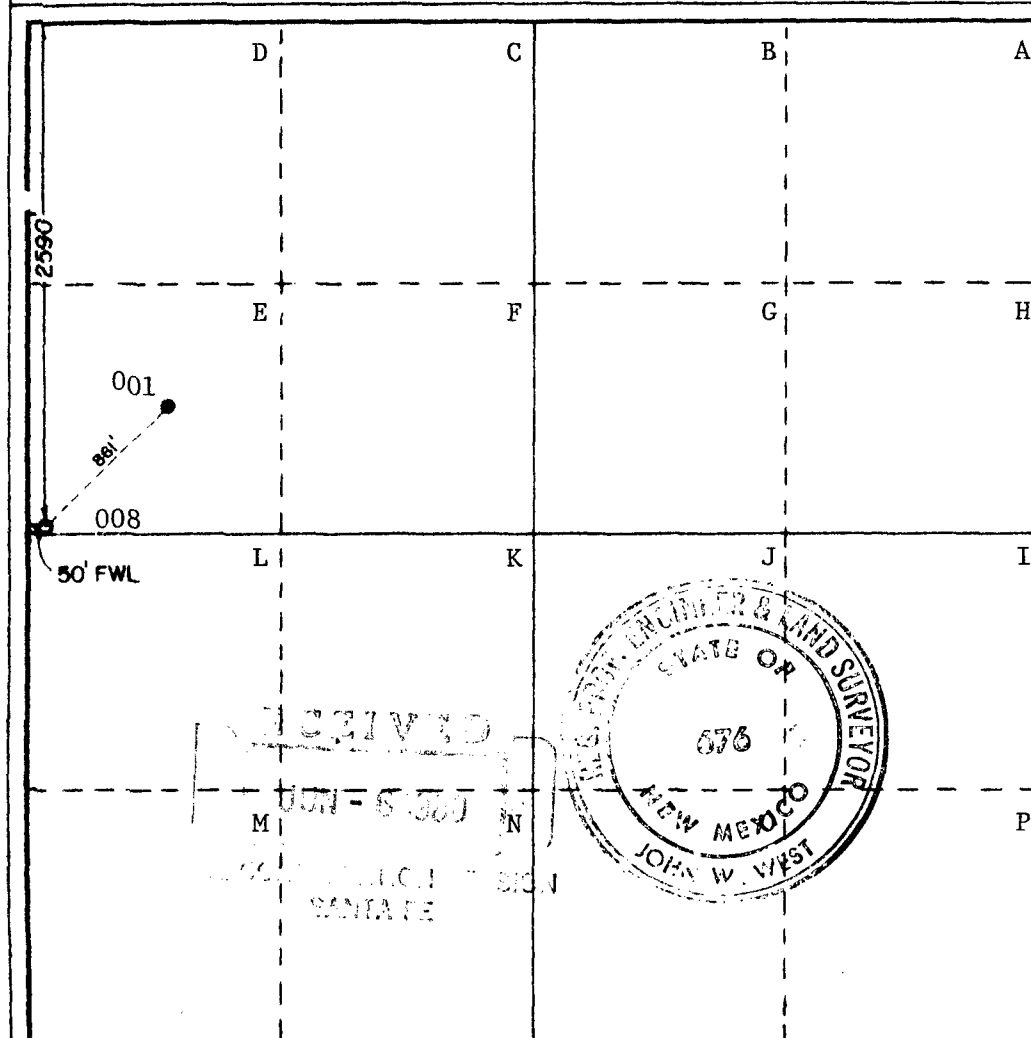
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).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

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

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Date Surveyed
May 22, 1980

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

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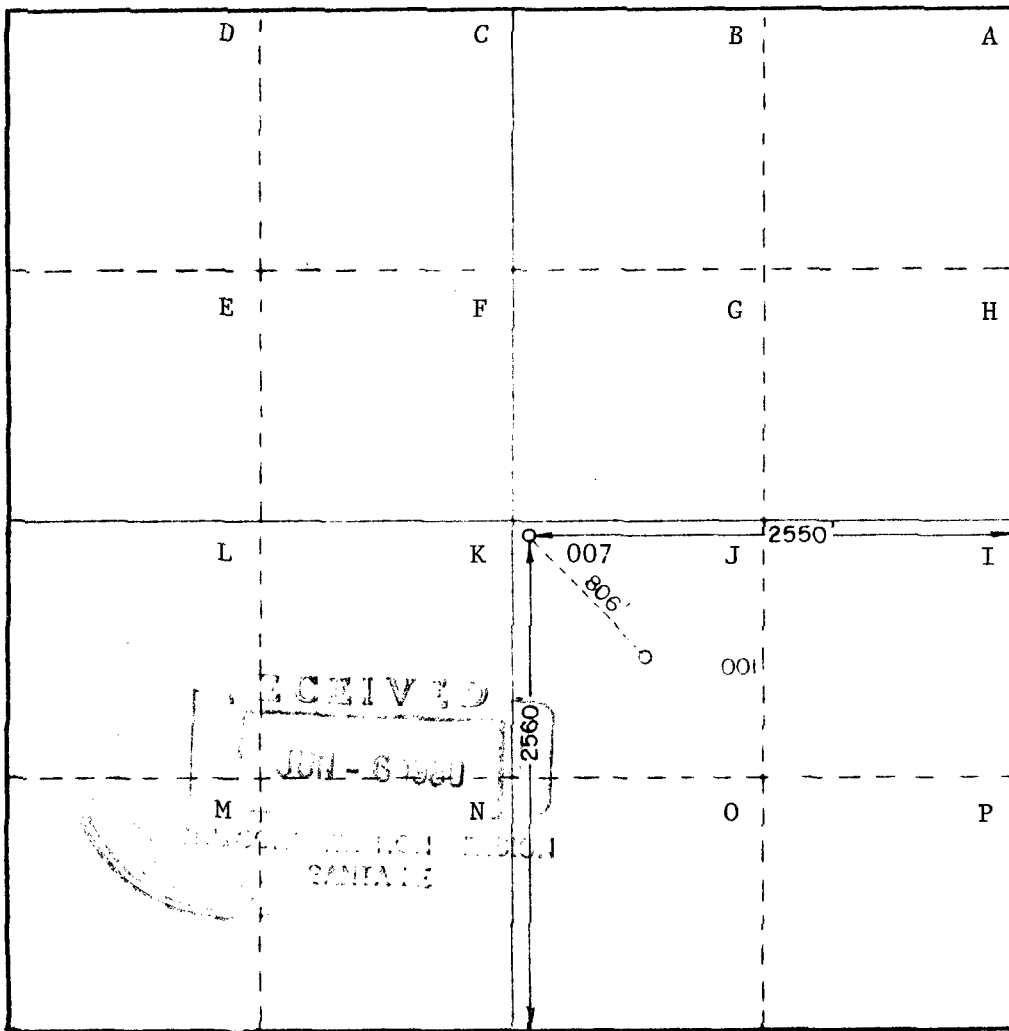
Operator Phillips Petroleum Co.			Lease EVGSAU Tract 3127		Well No. 007
Unit Letter J	Section 31	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 2560 feet from the South line and 2550 feet from the East line					
Ground Level Elev. 3975.5	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres		Dedicated Acreage: None - line injection well

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

Ralph J. Roper

Position

Senior Engineering Specialist

Company

Phillips Petroleum Company

Date

June 2, 1980

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Date Surveyed

March 14, 1980

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 678**
PATRICK A. ROMERO 6865
Ronald J. Eidson 3239

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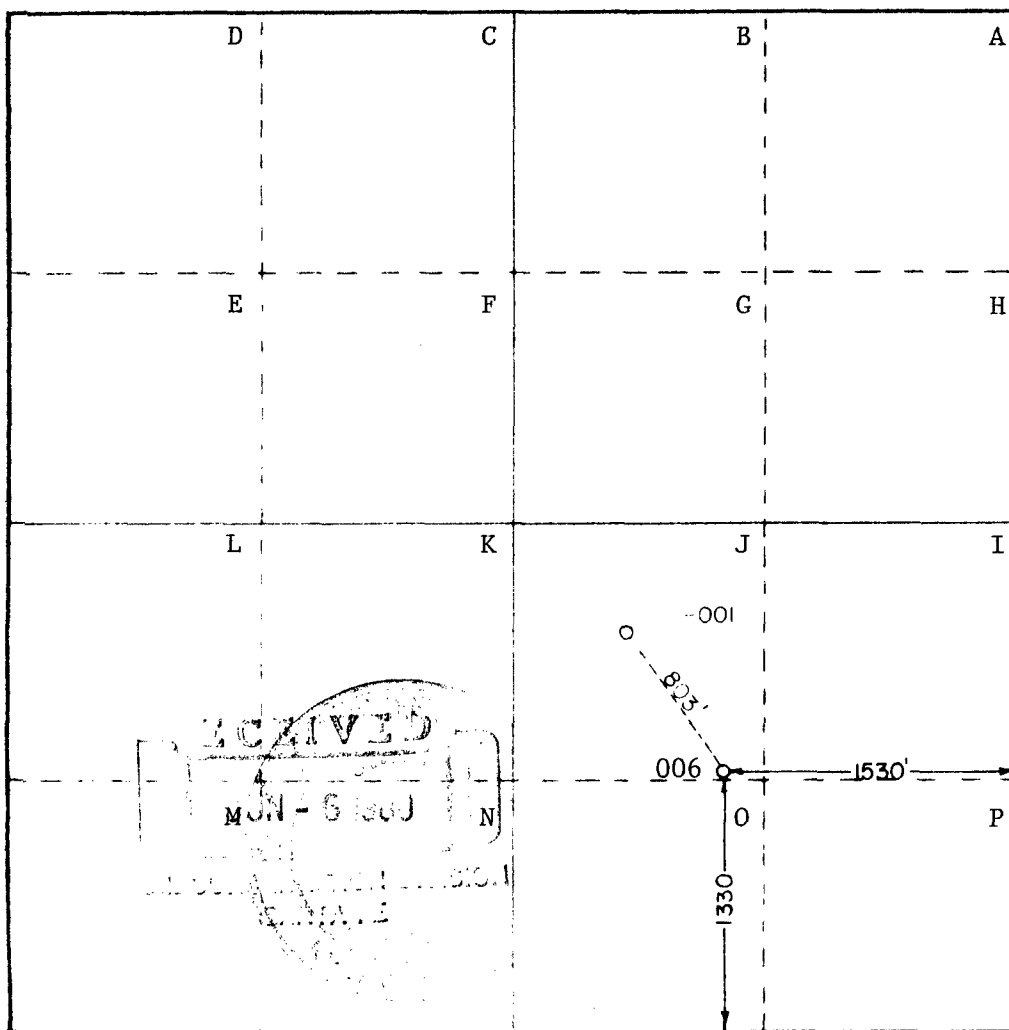
Operator Phillips Petroleum Co.			Lease EVGSAU Tract 3127		Well No 006
Init Letter J	Section 31	Township 17 South	Range 35 East	County Leo	
Actual Surface Location of Well:					
1330	feet from the South	line and	1530	feet from the East	line
Ground Level Elev. 3964.2	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres		Dedicated Acreage: None - line injection well

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).
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Ralph J. Roper
Name

Ralph J. Roper
Position

Senior Engineering Specialist
Company

Phillips Petroleum Company
Date

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Date Surveyed
March 14, 1980

Registered Professional Engineer
and/or Professional Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6483
Ronald J. Eidson 3239

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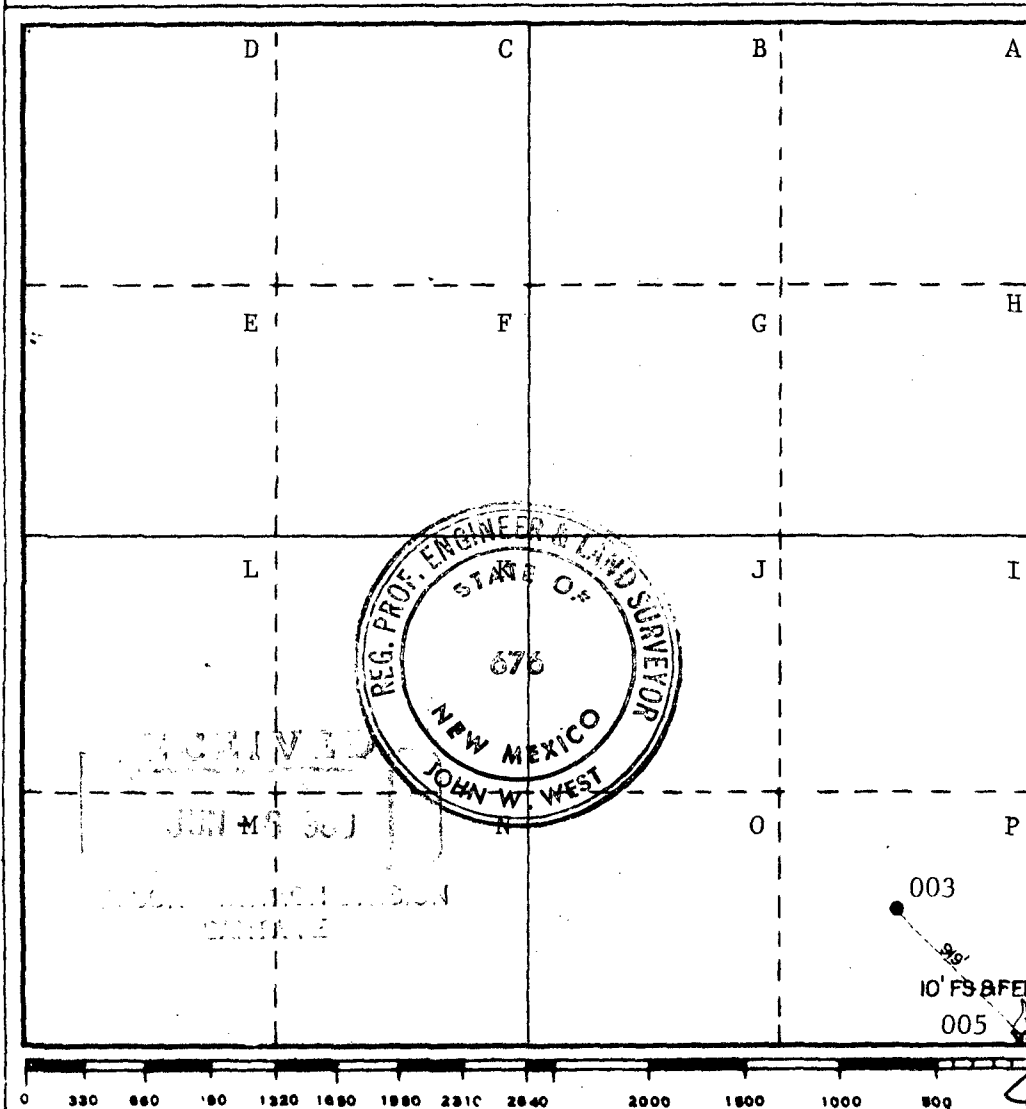
Operator Phillips Petroleum Co.			Lease EVGSAU Tract 3127		Well No. 005
Unit Letter P	Section 31	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well: 10 feet from the South line and 10 feet from the East line					
Ground Level Elev. 3966.5	Producing Formation Grayburg/San Andres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

- (Unprepared)
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 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.



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 6668
Ronald J. Eison 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 Phillips Petroleum Co.			Lease EVGSAU Tract 0524		Well No. 005
Unit Letter E	Section 5	Township 18 South	Range 35 East	County Lea	
Actual Footage Location of Well: 2540 feet from the North line and 10 feet from the West line					
Ground Level Elev. 3970.2	Producing Formation Grayburg/San Andres		Pool Vacuum Grayburg/ San Andres		Dedicated Acreage: None - line injection well

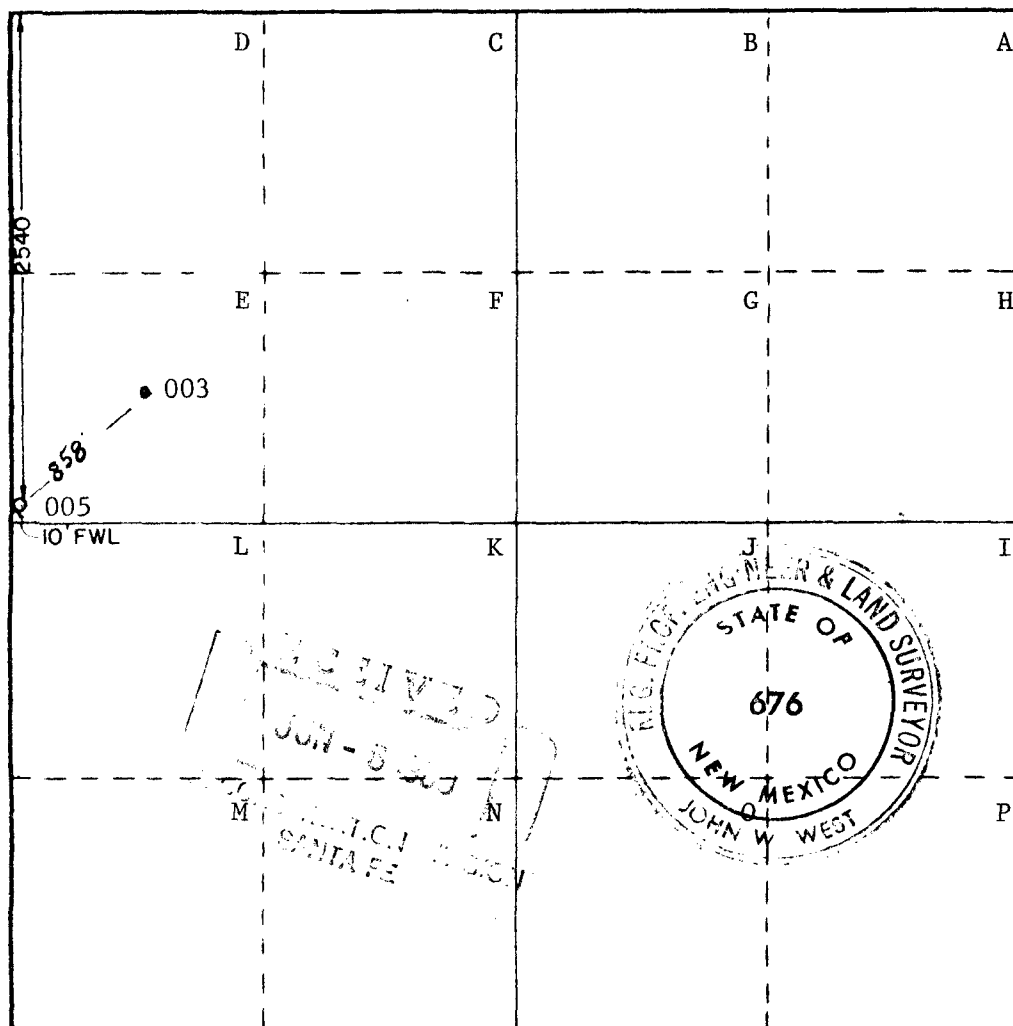
(Unprepared)

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.



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

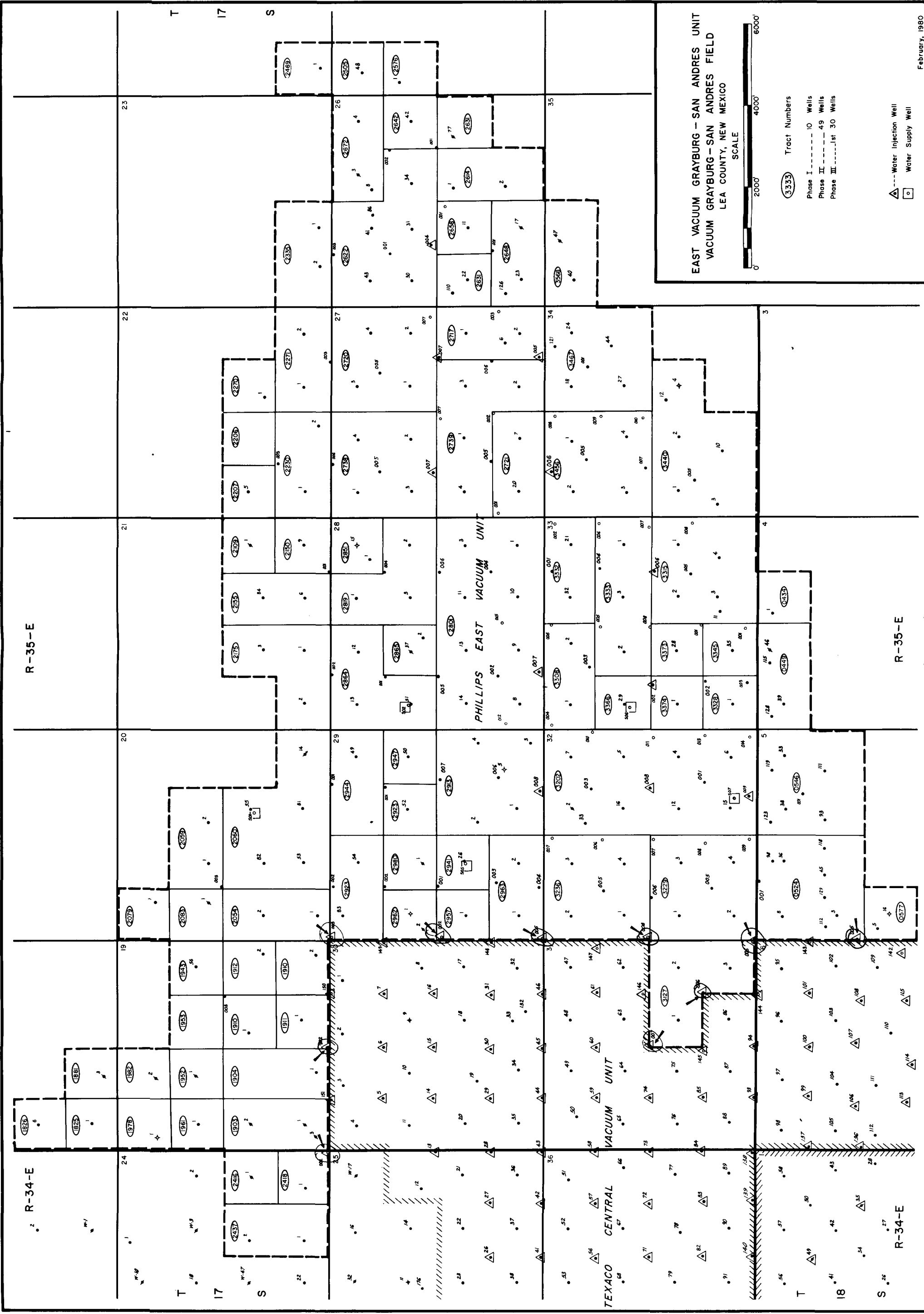
May 22, 1980

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No **JOHN W. WEST 676**
PATRICK A. ROMERO 6665
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

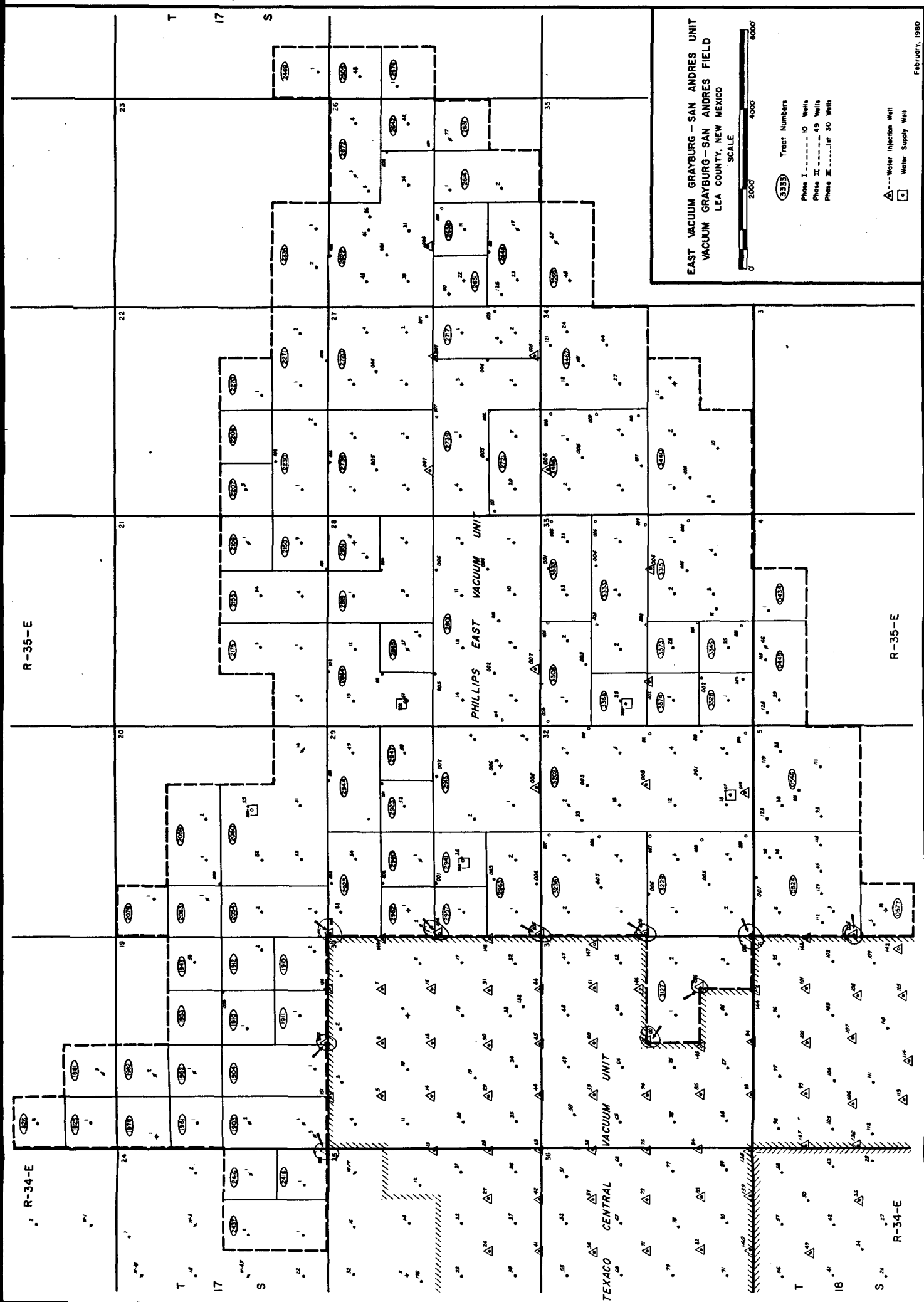


EAST VACUUM GRAYBURG - SAN ANDRES UNIT
VACUUM GRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO



- Tract Numbers
3333
Phase I ----- 10 Wells
Phase II ----- 49 Wells
Phase III ----- 30 Wells

- Water Injection Well
Water Supply Well



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

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