



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

March 12, 1981

*NSL-1340  
Rule 8 R 5897  
Immediate*

Unorthodox Locations  
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  
P.O. Box 2088  
Santa Fe, New Mexico 87501

*Date  
Mar 26, 1981*

Attention: Mr. Joe D. Ramey  
Division Director

Gentlemen:

We respectfully request administrative approval of the unorthodox locations for the below listed wells. Administrative action is provided by Special Order No. R-5897, Section 4, Rule 8, provided the proposed locations exceed 330 feet from the nearest unit boundary. The locations for these wells meet that condition. A location plat for each well and a plat of the entire unit is enclosed.

- Tract 2944--Well No. 002 (a proposed water injection well)  
2500 feet from east and 50 feet from north lines (Unit B)  
Section 29, Township 17 South, Range 35 East, NMPM, Lea County
- Tract 2980--Well No. 003 (a proposed water injection well)  
1350 feet from north and 2600 feet from west lines (Unit F)  
Section 29, Township 17 South, Range 35 East, NMPM, Lea County
- Tract 2947--Well No. 001 (a proposed water injection well)  
1500 feet from north and 50 feet from east lines (Unit H)  
Section 29, Township 17 South, Range 35 East, NMPM, Lea County
- Tract 2865--Well No. 001 (a proposed water injection well)  
1475 feet from north and 2600 feet from west lines (Unit F)  
Section 28, Township 17 South, Range 35 East, NMPM, Lea County

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**MAR 17 1981**  
OIL CONSERVATION DIVISION  
SANTA FE

Unorthodox Locations  
East Vacuum Grayburg San Andres Unit  
Vacuum Grayburg San Andres Pool  
Lea County, New Mexico  
Page: 2

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Tract 2851--Well No. 002 (a proposed water injection well)  
50 feet from north and 50 feet from east lines (Unit A)  
Section 28, Township 17 South, Range 35 East, NMPM, Lea  
County  
Tract 2155--Well No. 001 (a proposed water injection well)  
1175 feet from south and 2500 feet from east lines (Unit O)  
Section 21, Township 17 South, Range 35 East, NMPM, Lea  
County  
Tract 2150--Well No. 002 (a proposed water injection well)  
1200 feet from south and 1300 feet from east lines (Unit P)  
Section 21, Township 17 South, Range 35 East, NMPM, Lea  
County

Your early consideration and advice will be appreciated.

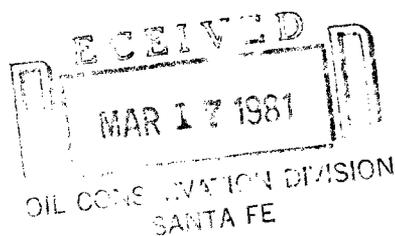
Very truly yours,



T. Harold McLemore  
Regulation and Proration Supervisor

THM:lw  
Attachments

cc: Oil Conservation Division, Hobbs  
w/attachments



**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 2944</b>		Well No. <b>002</b>
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Unit Letter <b>B</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>
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Actual Footage Location of Well:  
**2500** feet from the **east** line and **50** feet from the **north** line

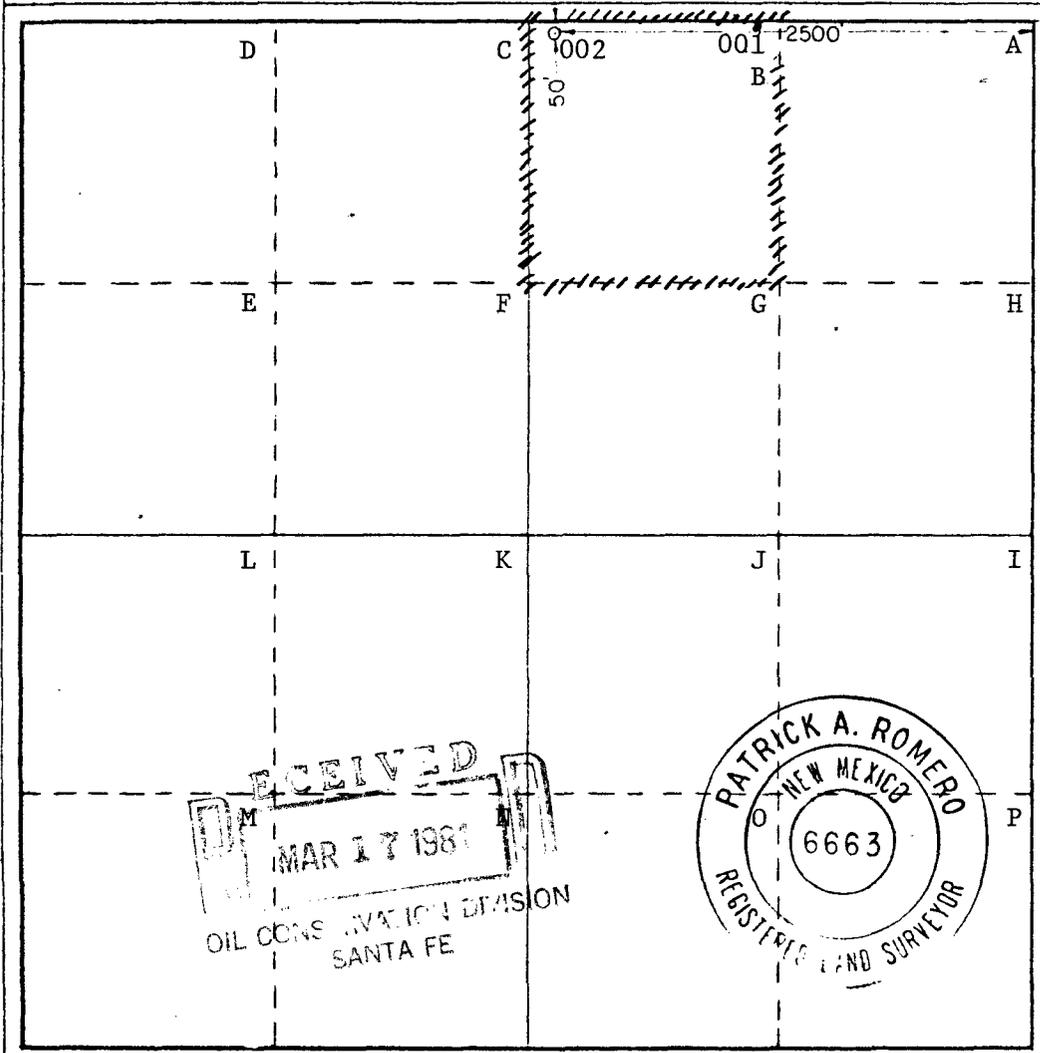
Ground Level Elev. <b>3959.9</b> (Unprepared)	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Gb/San Andres</b>	Dedicated Acreage: <b>NA</b> Water injection Acres
-----------------------------------------------------	---------------------------------------------------	-------------------------------------	-------------------------------------------------------

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 \_\_\_\_\_

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**  
**MAR 17 1981**  
 OIL CONSERVATION DIVISION  
 SANTA FE

**PATRICK A. ROMERO**  
 REGISTERED LAND SURVEYOR  
 NEW MEXICO  
 6663

**CERTIFICATION**

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

*[Signature]*  
 Name

**W. J. Mueller**  
 Position

**Senior Engineering Specialist**  
 Company

**Phillips Petroleum Company**  
 Date

**March 12, 1981**

*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  
**3-2-81**

Registered Professional Engineer and/or Land Surveyor  
*Patrick A. Romero*

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**

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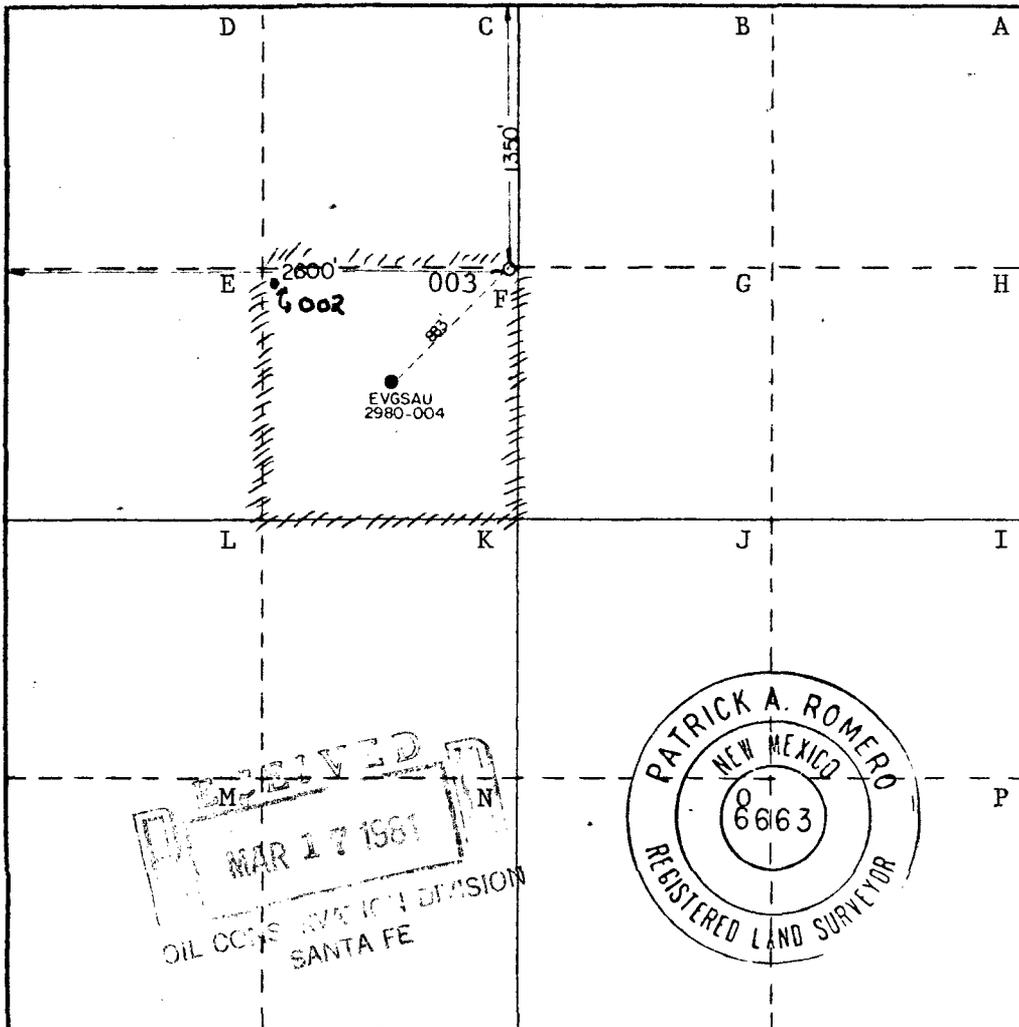
Operator <b>Phillips Petroleum Co.</b>			Lease <b>EVGSAU Tract 2980</b>		Well No. <b>003</b>
Unit Letter <b>F</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1350</b> feet from the <b>North</b> line and <b>2600</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3962.0</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Gb/San Andres</b>		Dedicated Acreage: <b>NA</b> Water injection Acres

- (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 \_\_\_\_\_

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SANTA FE



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<i>[Signature]</i>	
Name	<b>W. J. Mueller</b>
Position	<b>Senior Engineering Specialist</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>March 12, 1981</b>
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Date Surveyed	<b>3-2-81</b>
Registered Professional Engineer and/or Land Surveyor	
<i>[Signature]</i>	
Certificate No.	<b>JOHN W. WEST 676</b>
	<b>PATRICK A. ROMERO 6663</b>
	<b>Ronald J. Eidson 3239</b>

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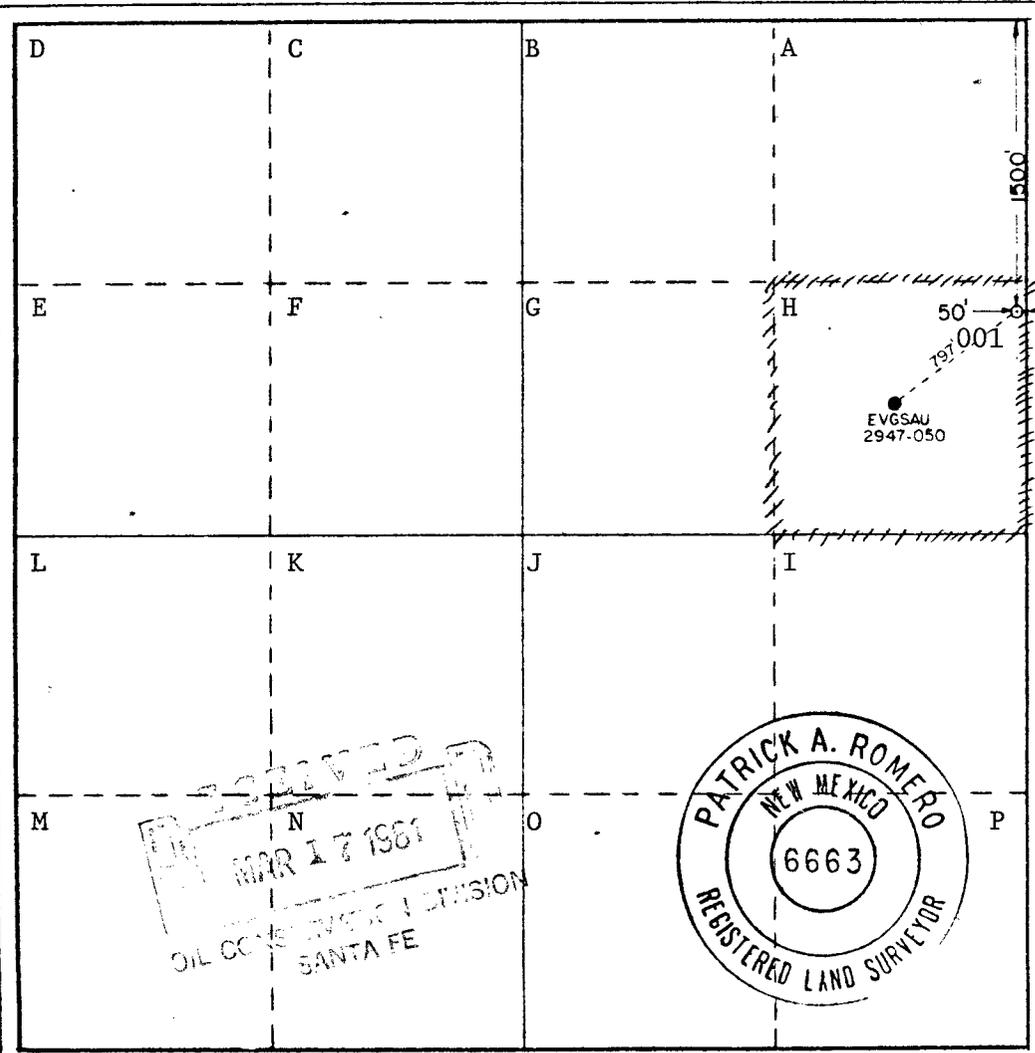
Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 2947</b>		Well No. <b>001</b>
Unit Letter <b>H</b>	Section <b>29</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>

Actual Footage Location of Well:  
**1500** feet from the **North** line and **50** feet from the **East** line

Ground Level Elev. <b>3966.8</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Gb/San Andres</b>	Dedicated Acreage: <b>NA</b> Water injection Acres
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(Unprepared)

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I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>W. J. Mueller</i>	
Name	<b>W. J. Mueller</b>
Position	<b>Senior Engineering Advisor</b>
Company	<b>Phillips Petroleum Company</b>
Date	<b>March 12, 1981</b>
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Date Surveyed	<b>3-2-81</b>
Registered Professional Engineer and/or Land Surveyor	
<i>Patrick A. Romero</i>	
Certificate No.	<b>JOHN W. WEST 676</b> <b>PATRICK A. ROMERO 6663</b> <b>Ronald J. Eidson 3239</b>

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SANTA FE



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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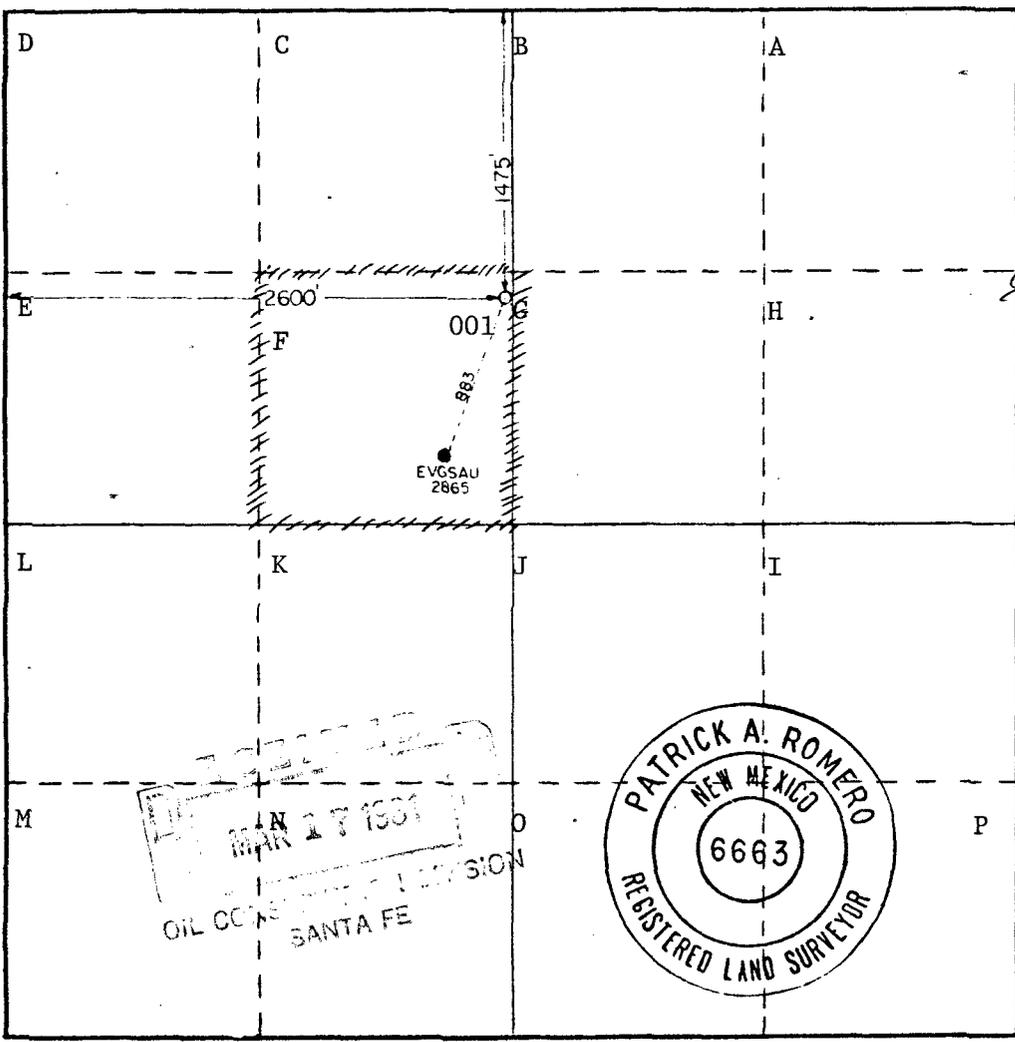
Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 2865</b>			Well No. <b>001</b>
Unit Letter <b>F</b>	Section <b>28</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1475</b> feet from the <b>North</b> line and <b>2600</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3956.4</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Gb/San Andres</b>	Dedicated Acreage: <b>NA</b>	
(Unprepared)				Water injection Acres	

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Name  
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Position  
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Company  
**Phillips Petroleum Company**

Date  
**March 11, 1981**

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Date Surveyed  
**3-2-81**

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Certificate No. **JOHN W. WEST 676**  
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**Ronald J. Eidson 3239**

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

Form C-102  
Supersedes C-128  
Effective 1-4-65

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Operator <b>Phillips Petroleum Co.</b>		Lease <b>EVGSAU Tract 2851</b>		Well No. <b>002</b>
Unit Letter <b>A</b>	Section <b>28</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>North</b> line and <b>50</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3946.1</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Gb/San Andres</b>	Dedicated Acreage: <b>NA</b> Water injection <b>Acres</b>	

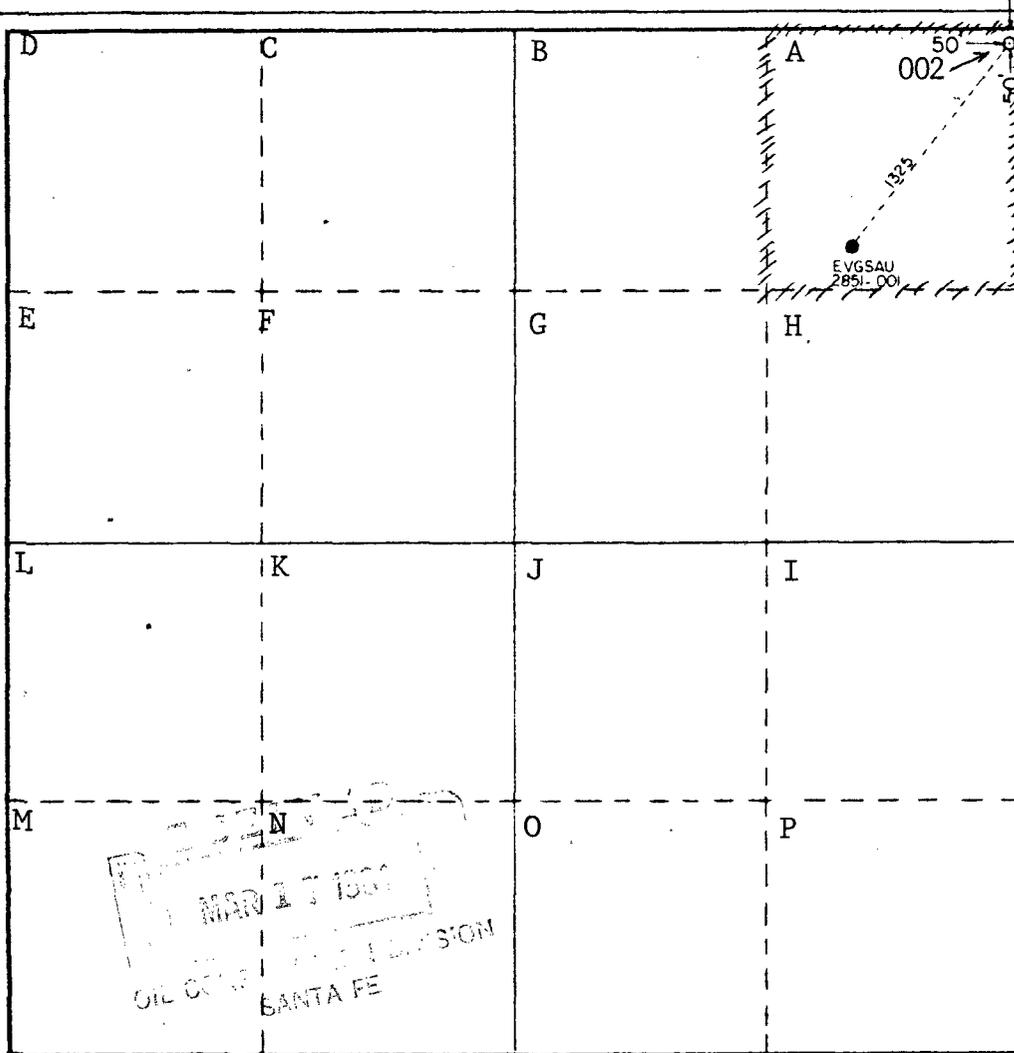
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Name

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Position  
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Company  
**Phillips Petroleum Company**

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

RECEIVED  
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OIL CONSERVATION COMMISSION  
SANTA FE

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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 2155</b>			Well No. <b>001</b>
Unit Letter <b>0</b>	Section <b>21</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1175</b> feet from the <b>south</b> line and <b>2500</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3956.6</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Gb/San Andres</b>	Dedicated Acreage: <b>Water injection</b> <b>NA</b> Acres	

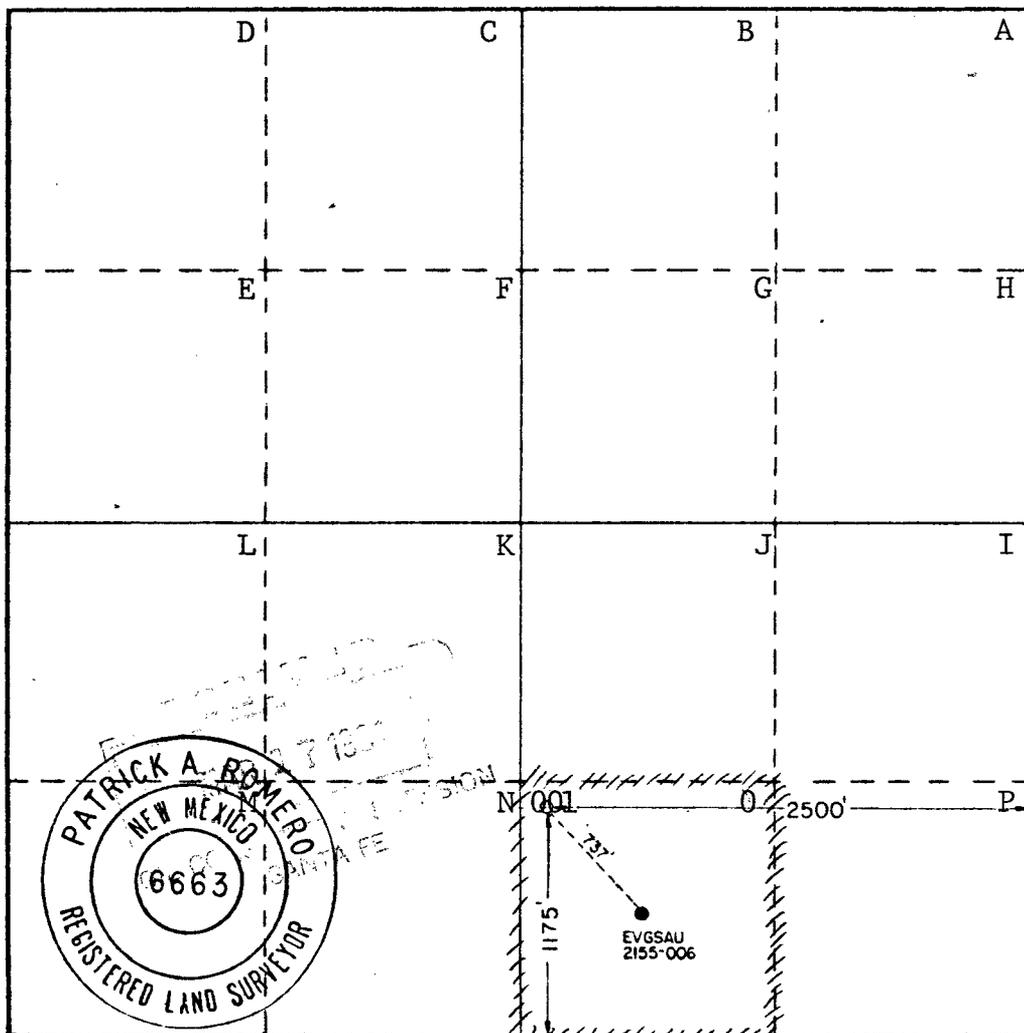
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W. J. Mueller  
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Company  
Phillips Petroleum Company  
Date  
March 11, 1981

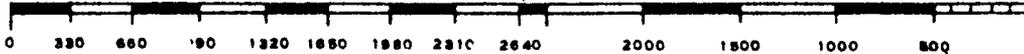
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**3-2-81**

Registered Professional Engineer and/or Land Surveyor

*Patrick A. Romero*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6885**  
**Ronald J. Eidson 3239**



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section

Operator <b>Phillips Petroleum Co.</b>			Lease <b>EVGSAU Tract 2150</b>		Well No. <b>-002</b>
Unit Letter <b>P</b>	Section <b>21</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1200</b> feet from the <b>south</b> line and <b>1300</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3949.9</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Vacuum Gb/San Andres</b>		Dedicated Acreage: <b>NA-Water injections</b>

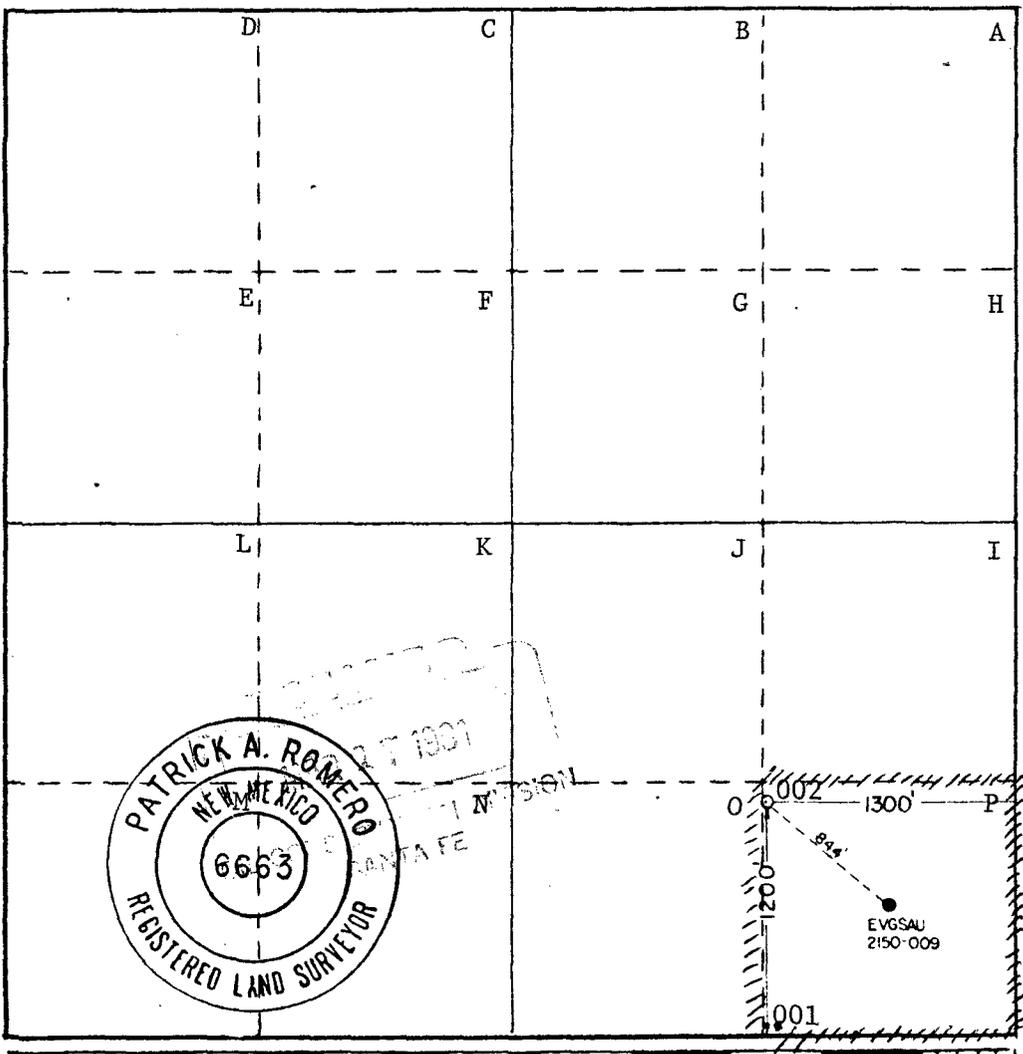
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**Phillips Petroleum Company**  
Date

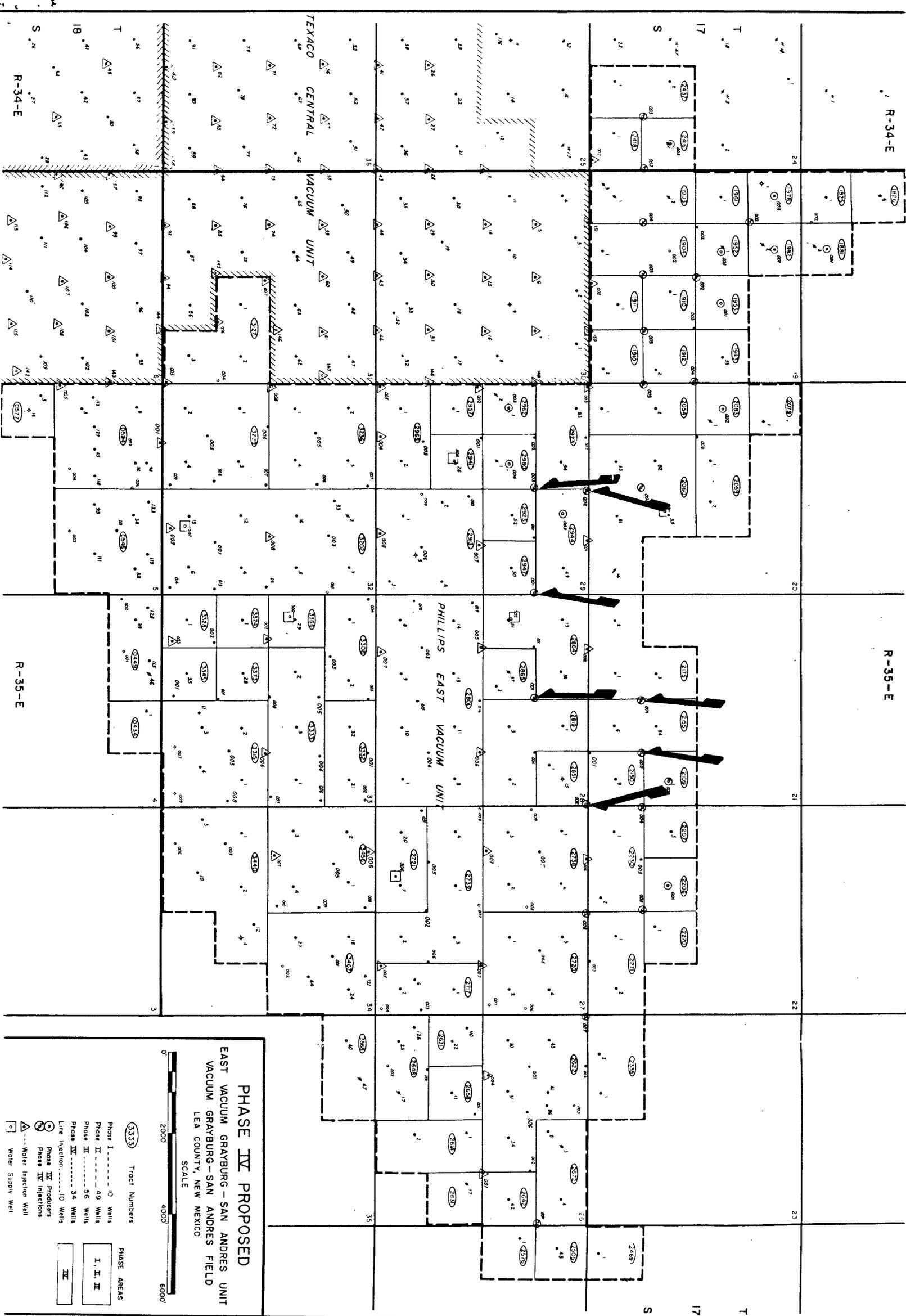
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*Patrick A. Romero*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 8863**  
**Ronald J. Eidson 3239**



**PHASE IV PROPOSED**  
**EAST VACUM GRAYBURG - SAN ANDRES UNIT**  
**VACUM GRAYBURG - SAN ANDRES FIELD**  
 LEA COUNTY, NEW MEXICO

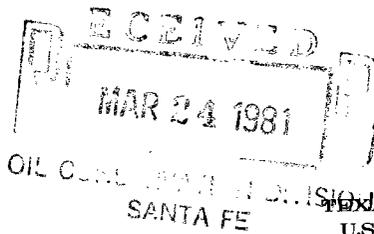


- 3333 Tract Numbers
- Phase I --- 10 Wells
- Phase II --- 49 Wells
- Phase III --- 56 Wells
- Phase IV --- 34 Wells
- Line Injection --- 10 Wells
- Phase IV Producers
- Phase IV Injections
- Water Injection Well
- Water Supply Well

PHASE AREAS  
 I, II, III  
 IV



PETROLEUM PRODUCTS



PRODUCING DEPARTMENT

March 18, 1981

TEXACO  
U.S.A.  
A DIVISION OF TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79702

FLUID INJECTION APPLICATION  
PHILLIPS PETROLEUM COMPANY  
EAST VACUUM GRAYBURG/SAN ANDRES  
UNIT WELL NO. 002 (TRACT 1825)  
VACUUM GRAYBURG SAN ANDRES FIELD  
LEA COUNTY, NEW MEXICO

The State of New Mexico  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, NM 87501

Attention: Mr. Joe D. Ramey

Gentlemen:

Texaco Inc. has been advised by Phillips Petroleum Company of their application to inject fluid into the subject well. We understand that injection will be 4660'-4760'.

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

Yours very truly,

Alan R. McDaniel  
Division Manager

By *R. D. Tomberlin*  
R. D. Tomberlin  
Petroleum Engineering Manager

CRW/lt

cc: Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762