MSL-1208

PHILLIPS PETROLEUM COMPANY

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

Tract No.	Well No.	Location
2418	002	Unit P, 40' FSL & 260' FEL, Sec. 24, T17S, R34E
1911	002	Unit 0, 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
/312Z (C)	005	Unit P, 10' FSL & 10' FEL, Sec. 31, T17S, R35E
0524	£7 QQ5	Unit E, 2540' FNL & 10' FWL, Sec. 5, T18S, R35E
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Area Regulation and Proration Analyst

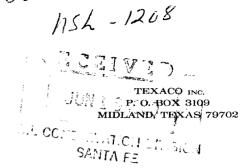
Oil Conservation Division, Hobbs, New Mexico Texaco Inc., Hobbs, New Mexico w/Attachments

THM/jj

TEXACO

PETROLEUM PRODUCTS

June 13, 1980



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PRODUCING DEPARTMENT

WEST UNITED STATE MIDLAND DIVISION

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:

TRACT NO.	WELL NO.	LOCATION
2418	002	Unit P, 40' FSL & 260' FEL, Sec. 24,
1911	002	T-17-S, R-34-E 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,
3236	800	T-17-S, R-35-E Unit E, 2590' FNL & 50' FWL, Sec. 32, T-17-S, R-35-E
3127	007	Unit J, 2560' FSL & 2550' FEL, Sec. 31,
3127	006	T-17-S, R-35-E Unit J, 1330' FSL & 1530' FEL, Sec. 31,
3127	005	T-17-S, R-35-E Unit P, 10' FSL & 10' FEL, Sec. 31,
0524	005	T-17-S, R-35-E 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 **() / Onlys**///

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

Tract No.	Well No.	Location
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	800	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,

Janel Me zone
T. Harold McLemore

THM/jj Attachments Area Regulation and Proration Analyst

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	Wew Mexico Department o Oil Conservation Divisi		gy and Mine	erals			ation D	
	Attention: Mr. Joe D.		Director				Mexico	
	Post Office Box 2088		<b>OBJECTIONS</b>	WAIVED	: TEX	ACO I	INC.	
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Form C-102 Supersedes C-128 Effective 1-1-65

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

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

All distances must be from the outer boundaries of the Section Legae Operator Phillips Petroleum Co. **EVGSAU** 002 Tract 2957 Section Township Unit I eller Range County 29 17 South 35 East Lea Actual Footage Location of Well: leet from the West feet from the South line and 40 Vacuum Grayburg/ Dedicated Acreage: Ground Level Elev. Producing Formation None -3971.1 Grayburg/San Andres San Andres line injection well 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? If answer is "yes," type of consolidation \_\_\_ Yes No 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 D C В I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Ralph J. Roper Η Position Senior Engineering Specialist Phillips Petroleum Company June 2, 1980 £40′ FWL K Ι LI J 002 I hereby certify that the well location P Date Surveyed May 22,1980 SANTA FE Registered Professional Engineer ound/or Loand Surveyor

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PATRICK A. ROMERO				The state of the s	SAI SAI	

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. **EVGSAU** Tract 3236 908 Section Township Unit Letter 17 South 35 East Actual Footage Location of Well: 2590 North feet from the West feet from the line and Ground Level Elev. Producing Formation Vacuum Grayburg/ Dedicated Acreage: None line injection well Grayburg/San Andres 3972.3 San Andres (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 consulidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation \_\_\_ No Yes 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, climinating such interests, has been approved by the Commission. CERTIFICATION D I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Ralph J. Roper F Η Senior Engineering Specialist Company Phillips Petroleum Company June 2, 1980 50' FWL I hemby certify that the well location on this plat was plotted from field Date Surveyed May 22,1980 Registered Professional Engineer and/or Land Surveyor

1980 2310

Operator		All distances must b	Lease				Well No.	
Phi	llips Petroleum	Co.		VGSAU	Tract	3127	400	7
Unit Letter	Section	Township	Romge 25 Eas		County	Lea	-	
Actual Footage Lo	31 cation of Well:	17 South	35 Eas	<u>,                                     </u>		Lea		<del></del>
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Unit Letter	Section 31	Township	li l	Ronge	County	
Actual Footage Loc	<u> </u>	17 South		35 East		Lea
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3966.5	Grayburg	/San Andres		San Andres		line injection well
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		ONE FOR		1		June 2, 1980
	REG. PAO	14 MEXICO	NEW POR	J	I	I hernby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me er under my supervision, and that the same is true and carrect to the best of my knowledge and belief.
	NMA GOJ ( Colonia				P 003	Date Surveyed May 22,1980
	2/2018.12				005 005	Registered Professional Engineer and/or Land Surveyor  Contificate No. JOHN W. WEST STE PATRICK A. ROMERO COMMENTS
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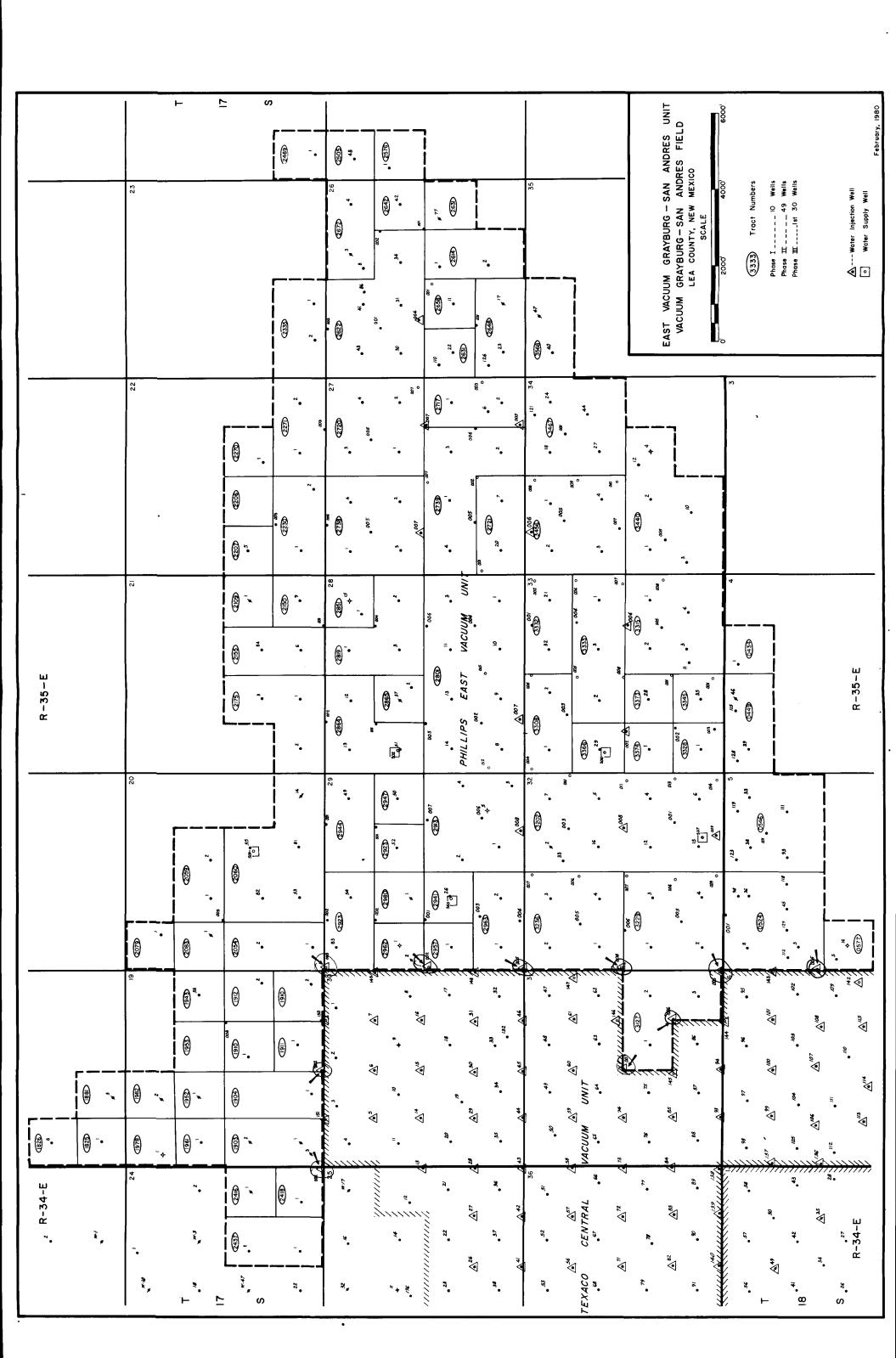
Form C-107 Supersedes C-128 Effective :-1-65

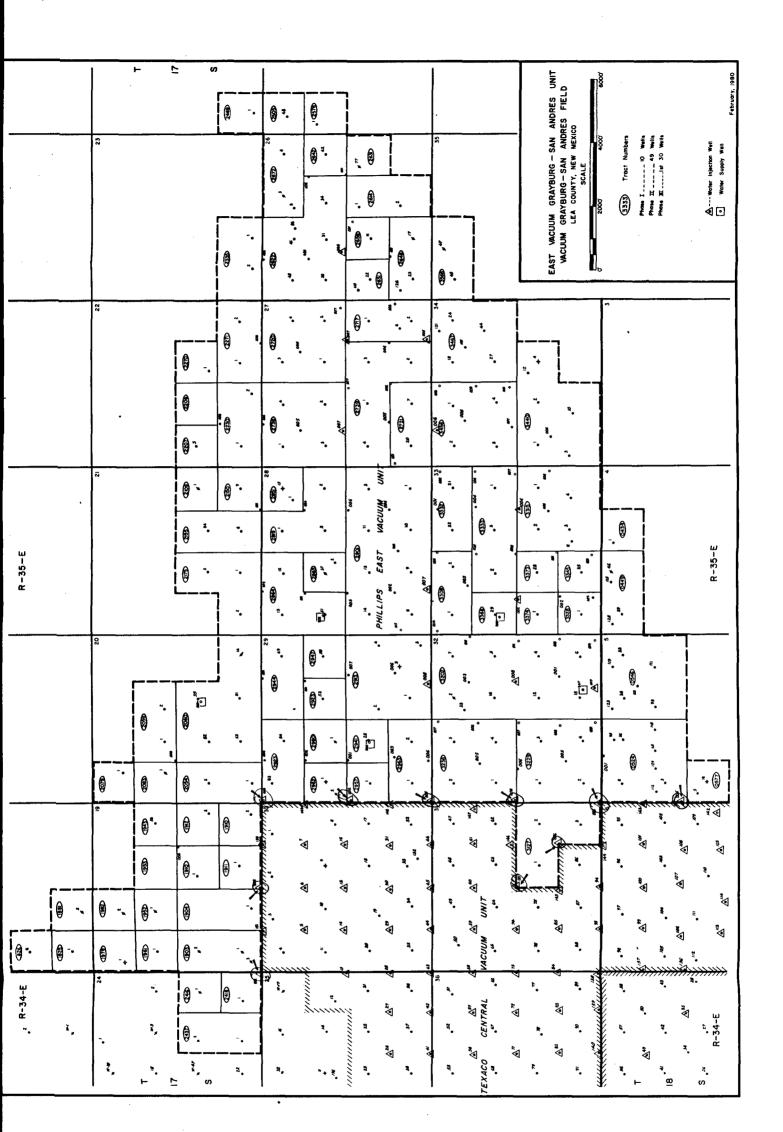
PATRICK A. ROME

Effective :-1-65 All distances must be from the outer boundaries of the Section Well No Sperator Phillips Petroleum Co. **EVGSAU** Tract 0524 005 County Section Township Unit Letter 18 South 35 East Actual Footage Location of Well: 2540 10 North West teet from the line and feet from the Dedicated Acreage: None -Producing Formation Pool Ground Level Flev. Vacuum Grayburg/ line injection well 3970.2 Grayburg/San Andres San Andres 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? If answer is "yes," type of consolidation \_\_\_ No 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 D C I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Ralph J. Roper Н Senior Engineering Specialist 003 Phillips Petroleum Company કુંડુઇ June 2, 1980 005 10 FWL K I heraby certify that the well location shown on this plat was platted from field P Date Surveyed May 22,1980

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#### 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".

#### WITNESSETH:

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. other party hereto then shall have the option at its risk and expense to take over and operate the water injection wells. 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. 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.
- 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.
- ll. 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.

BOL MOT

TEXACO INC. as Operator of the Central Vacuum Unit

Attorney-in-Fact

PHILLIPS PETROLEUM COMPANY as Operator of the East Vacuum Unit

Ву

Attorney-in-Fact

# COOPERATIVE WATER INJECTION AGREEMENT EXHIBIT A

#### PROPOSED UNORTHODOX LOCATIONS

### May 10, 1980

Tract No.	Well No.	Location
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	800	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