



PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA 74003

EXPLORATION AND PRODUCTION DEPARTMENT

37 MAR 1967

February 22, 1967

Vacuum Abo Unit
Lea County, New Mexico

Honorable David F. Cargo, Chairman
Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Attention Mr. A. L. Porter, Jr.

Gentlemen:

This concerns the Vacuum Abo Unit, Lea County, New Mexico, the establishment and operation of which was approved by Order Nos. R-3180 and R-3181, both dated January 8, 1967.

Enclosed are copies of the following documents pertaining to the Vacuum Abo Unit:

1. Conformed Copy of Unit Agreement
2. Certificate of Effectiveness
3. Certificate of Revision of Exhibits with attached revised Exhibits "A" and "B" to the Unit Agreement

The Certificate of Revision of Exhibits and the revised Exhibits "A" and "B" have been submitted to the Commissioner of Public Lands for approval. The revision of Exhibits "A" and "B" was required as Tract 3 failed to qualify under the provisions of the Unit Agreement. These revised exhibits are to be effective on February 1, 1967.

Very truly yours,


Shofer Smith
Production Director

TCD:emm
Encl.

State of New Mexico
County of Lea

Certificate of Effectiveness
Vacuum Abo Unit
Lea County, New Mexico

WHEREAS, Phillips Petroleum Company, a Delaware Corporation, duly authorized to do business in the State of New Mexico, and with its principal office in Bartlesville, Oklahoma, has been duly designated as Unit Operator pursuant to the agreement entitled, "Unit Agreement - Vacuum Abo Unit - Vacuum Field, Lea County, New Mexico", hereinafter referred to as "Unit Agreement", a counterpart of which was filed for record on January 9th, 1967, in Volume 260, Page 376, of the Misce. Records of Lea County, New Mexico; and

WHEREAS, Article 22 provides that this Agreement shall become binding upon each party who executes or ratifies it as of the date of execution or ratification by such party and shall become effective as of 7:00 a.m. on the first day of the calendar month next following:

- (a) The execution or ratification of the Unit Agreement and Unit Operating Agreement by Working Interest Owners owning a unit participation of at least eighty percent (80%), and the execution or ratification of at least seventy-five percent (75%) of the Royalty Interest in lands described in Section 2 of the Unit Agreement.
- (b) The approval of the Unit Agreement by the Commissioner of Public Lands of the State of New Mexico, and approval by the Oil Conservation Commission of the State of New Mexico.
- (c) The filing of at least one counterpart of the Unit Agreement for record in Lea County, New Mexico, and within thirty days after the Unit effective date, the filing of a "Certificate" to the effect that the Unit has become effective according to its terms and stating further the effective date.

WHEREAS, Tracts comprising ninety-six percent (96%) of the acreage shown on the original exhibit "B" have qualified for inclusion under provisions of Article 22 of the Unit Agreement.

NOW, THEREFORE, Phillips Petroleum Company, as Unit Operator, does hereby certify as follows:

1. Counterpart of the Unit Agreement was recorded in the Miscellaneous records of Lea County, New Mexico in Volume 260, Page 376 on January 9, 1967.

- 2. The Unit Agreement has been approved by the Commissioner of Public Lands of the State of New Mexico on the 20th day of January, 1967, and by the Oil Conservation Commission of New Mexico in its Order No. R-3180 dated January 18th, 1967.
- 3. Phillips Petroleum Company, Unit Operator, having complied with the foregoing requirements of Article 22 of the Unit Agreement declares the Vacuum Abo Unit effective as of 7:00 a.m., February 1, 1967.

IN WITNESS WHEREOF, this instrument is executed as of the 1st day of February, 1967.

PHILLIPS PETROLEUM COMPANY

ATTEST:

Harold M. Thompson
Asst. Secretary

By H. D. Brook
Vice President

(CORPORATE ACKNOWLEDGMENT)

STATE OF OKLAHOMA

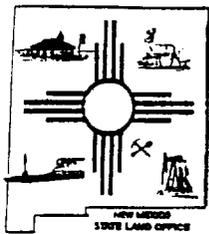
COUNTY OF WASHINGTON

BEFORE ME, the undersigned authority, on this day personally appeared H. D. BROOK, known to me to be the person who executed the foregoing instrument as Vice President of Phillips Petroleum Company, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 1st day of February, 1967.

Russell J. McLellan
My Comm. Expires 11-1-~~66~~⁷⁰

Russell J. McLellan
NOTARY PUBLIC in and for
Washington County, Oklahoma



State of N Mexico
Commissioner of Public Lands

#3508

W. R. Humphries
COMMISSIONER

Advisory Board April 24, 1990

George Clark
Chairman

Kristin Conniff
Vice Chairman

Melvin Cordova

Joe Kelly

Robert Portillos

Nancy Lynch Vigil

Rex Wilson

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

ATTN: D.A. Brown

RE: Vacuum Abo Unit
1990 Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the 1990 Plan of Development for the Vacuum Abo Unit. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the Unit may exist. You will be contacted at a later date regarding these possibilities.

Enclosed is an approved copy of the 1990 Plan of Development for your files. If we may be of further help, please do not hesitate to contact this office at (505) 827-5746.

Very truly yours,

W.R. HUMPHRIES,
COMMISSIONER OF PUBLIC LANDS

BY:

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5746

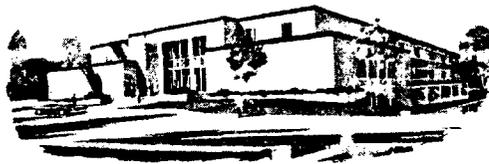
cc: OCD - Santa Fe, New Mexico
BLM
Unit Correspondence File
Unit P.O.D. File

WRH/FOP/SMH

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

November 2, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Kellahin and Kellahin
P. O. Box 2265
Santa Fe, New Mexico 87504-2265

#3508

Re: Phillips Petroleum Company
Vacum Abo Unit
Lea County, New Mexico

ATTENTION: Mr. W. Thomas Kellahin

Gentlemen:

This office is in receipt of your letter dated October 12, 1983, wherein you have notified this office of an application to amend the Vacum Abo Unit pressure maintenance project.

Please be advised that this office has no objection to amend order R-3181 and R-3181-A to include injection of water, for the conversion of certain producing wells to inject and for the expansion of the project area for the Vacum Abo Unit, Lea County, New Mexico.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

January 18, 1967

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: Case No. 3508
Order No. R-3180
Applicant:
PHILLIPS PETROLEUM COMPANY

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A handwritten signature in cursive script, appearing to read "A. L. Porter, Jr.", written in dark ink.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

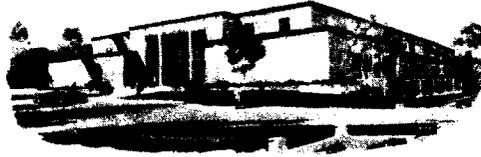
Artesia OCC

Aztec OCC

Other Mrs. Rhea

State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

August 8, 1972

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Phillips Petroleum Company
Phillips Building, Fourth & Washington
Odessa, Texas 79760

Re: Subsequent Joinder of Getty Oil
Company's Interest, Tract 13,
Vacuum Abo Unit, Lea County,
New Mexico
File: W2-Ed-494-72

ATTENTION: Mr. G. W. Edwards

Gentlemen:

We are in receipt of your letter dated July 31, 1972, together with Subsequent Joinder from Getty Oil Company, whereby Getty Oil Company has committed its 15.39624 percent working interest in Tract 13 to the Vacuum Abo Unit. The unit participation for this interest being 3.85328 percent.

This Subsequent Joinder has been approved by the Commissioner of Public Lands as of this date to become effective September 1, 1972.

This office requires an originally signed copy of this joinder, therefore, please submit an originally signed copy to this office as soon as possible. Also, in your letter you state that Getty Oil Company interest was the only unsigned working interest in Tract 13. Our records reflect that Aztec Oil Company has not ratified the Unit Agreement or Operating Agreement. Please let us know if this is in order.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
cc:

OCC-Santa Fe, New Mexico

August 17, 1972



Subsequent Joinder of Getty Oil
Company's Interest, Tract 13,
Vacuum Abo Unit, Lea County,
New Mexico

File: W2-Ed-525-72

State of New Mexico (2)
Land Office Building
P. O. Box 1148
Santa Fe, New Mexico 87501

Attention: Mr. Ray D. Graham, Director
Oil and Gas Department

Gentlemen:

Reference is made to your August 8, 1972, letter, under the above subject, by which the Commissioner approved joinder of Getty Oil Company's interest in Tract 13, Vacuum Abo Unit, Lea County, New Mexico, to be effective September 1, 1972.

Attached for your files are copies of revised Exhibit "B" to the Unit Agreement and Exhibit "C", Parts 1 and 2, to the Unit Operating Agreement, Vacuum Abo Unit. The revised exhibits become effective September 1, 1972. Exhibit "A" to the Unit Agreement was not revised as no change in the Unit Area is involved.

Also attached, in fulfillment of the requests contained in your referenced letter, are the following:

1. An original of "Working Interest Owner Agreement to Become a Party to Unit Agreement and Unit Operating Agreement, Vacuum Abo Unit, Lea County, New Mexico", executed by Getty Oil Company. In addition, a copy of the joinder agreement showing recording data is included. The agreement was recorded in Miscellaneous Deeds Book 304, Page 318, Lea County, New Mexico, July 28, 1972.
2. Two copies of "Working Interest Owner Agreement to Become a Party to Unit Agreement and Unit Operating Agreement, Vacuum Abo Unit, Lea County, New Mexico", executed by Astec Oil and Gas Company, May 6, 1966.

To: State of New Mexico (2)
Attn: Mr. Ray D. Graham
File: W2-Ed-525-72
Date: August 17, 1972
Page: 2

Your prompt assistance and cooperation relative to this joinder are appreciated.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

Original Signed by
G. W. Edwards

G. W. Edwards, Chairman
Working Interest Owners Committee

JWM:dva
Attachments

cc: New Mexico Oil Conservation Commission ✓
State Land Office Building
Attention: Mr. A. L. Porter, Jr.,
Secretary-Director
P. O. Box 2088
Santa Fe, New Mexico 87501
Attachments

WORKING INTEREST OWNER
AGREEMENT TO BECOME A PARTY TO UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT
1057 VACUUM ABO UNIT

Lea County, New Mexico

Each of the persons who signs this instrument acknowledges receipt of a counterpart of an instrument entitled, "Unit Agreement for the Development and Operation of the Vacuum Abo Unit, Vacuum Field, Lea County, New Mexico", and a counterpart of an instrument entitled, "Unit Operating Agreement," Vacuum Abo Unit, Lea County, New Mexico, both of which are dated December 1, 1965, for the purpose of conducting Unit Operations with respect to the Abo Reef of the Permian Formation underlying the following described Unit Area:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

Township 17 South, Range 35 East

- Section 25: NW/4 NE/4, NW/4, and N/2 SW/4
- 26: E/2, NE/4 NW/4, S/2 NW/4, and SW/4
- 27: S/2 SW/4 and SE/4
- 33: SE/4 NE/4, SW/4 SW/4, E/2 SW/4, and SE/4
- 34: N/2, SW/4, W/2 SE/4, and NE/4 SE/4
- 35: NW/4

Township 18 South, Range 35 East

- Section 3: NE/4 NW/4 and W/2 NW/4
- 4: N/2, SW/4 and N/2 SE/4
- 5: NE/4 NE/4, S/2 NE/4, S/2 NW/4 and S/2
- 8: N/2 NE/4 and NW/4

Situated in Lea County, New Mexico, containing 3,640 acres, more or less.

The Unit Agreement and Unit Operating Agreement provide that any person defined in the Unit Agreement as a Working Interest Owner may become a party to the Agreements by signing the original, a counterpart, or other instrument that evidences an intention to be bound by the terms of both Agreements.

NOW, THEREFORE, each of the persons who signs this instrument hereby agrees to become a party to, and be bound by provisions of, the Unit Agreement and the Unit Operating Agreement as if he had signed the original Agreements and agrees that the parties to the Unit Agreement and the Unit Operating Agreement are those that sign the original Agreements, any counterparts of both instruments, or any instrument that evidences an intention to be so bound.

Executed as of the 6th day of May, 1966.

Date May 6, 1966

Company AZTEC OIL & GAS COMPANY

Attest [Signature]
Notary Public Secretary

By [Signature]
Vice President

Date _____

Individual _____ Husband

Witness _____

_____ Wife

Address _____

(Required Notary Acknowledgment on reverse side - to be completed)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
COUNTY OF DALLAS) ss

On this 6th day of May, 1966, before me appeared E. M. Anderson, to me personally know, who being by me duly sworn, did say that he is the Vice President of Aztec Oil & Gas Company, a corporation, and that the seal affixed to said instrument is the Corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said William B. Davis acknowledged said instrument to be the free act of said corporation.

GIVEN under my hand and seal of office this 6th day of May, 1966.

My Commission Expires:

June 1, 1967

Leann D. Butler
Notary Public, in and for said
Dallas County, Texas

Livington Abstract Co.
Livington, New Mexico

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 196____, by _____.

My Commission Expires:

Notary Public, in and for said
_____ County, _____

JOINT ACKNOWLEDGMENT
(Husband and Wife)

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 196____, by _____ and _____, his wife.

My Commission Expires

Notary Public, in and for said
_____ County, _____

STATE OF NEW MEXICO
COUNTY OF LEA
FILED

FEB 2 1967

at 1:10 o'clock P. M.
and recorded in book 261
Page 136

LELIE HALDEMAN, county clerk
By [Signature] Deputy



1057

WORKING INTEREST OWNER
AGREEMENT TO BECOME A PARTY TO UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT
VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Getty Oil Company, successor in interest to Tidewater Oil Company, acknowledges receipt of a counterpart of an instrument entitled, "Unit Agreement for the Development and Operation of the Vacuum Abo Unit, Vacuum Field, Lea County, New Mexico", and a counterpart of an instrument entitled, "Unit Operating Agreement, Vacuum Abo Unit, Lea County, New Mexico", both of which are dated December 1, 1965, for the purpose of conducting Unit Operations with respect to the Abo Reef of the Permian Formation underlying the following described Unit Area:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

Township 17 South, Range 35 East

- Section 25: N/2 NW/4, NW/4 NE/4
- 26: E/2 NW/4, SW/4 NW/4, NE/4, and S/2
- 27: S/2 SW/4 and SE/4
- 33: SE/4 NE/4, SW/4 SW/4, E/2 SW/4, and SE/4
- 34: N/2, SW/4, N/2 SE/4, and SW/4 SE/4
- 35: NW/4

Township 18 South, Range 35 East

- Section 3: N/2 NW/4 and SW/4 NW/4
- 4: N/2, N/2 S/2, and S/2 SW/4
- 5: NE/4 NE/4, S/2 N/2, and S/2
- 8: NW/4 and N/2 NE/4

Situated in Lea County, New Mexico, containing 3,480 acres, more or less.

The Unit Agreement and Unit Operating Agreement provide that any person defined in the Unit Agreement as a Working Interest Owner may become a party to the Agreements by signing the original, a counterpart, or other instrument that evidences an intention to be bound by the terms of both Agreements.

NOW, THEREFORE, the undersigned Getty Oil Company hereby agrees to become a party to, and be bound by, provisions of the Unit Agreement and the Unit Operating Agreement under Section 30 of the Unit Agreement, the joinder of the undersigned to be effective at 7:00 A.M., as of the first day of the month following the filing with the Oil Conservation Commission and the Commissioner of Public Lands of the State of New Mexico of duly executed counterparts of all or any papers necessary to establish effective commitment of the interest of the undersigned in Tract 13, and approval by the Commissioner.

Executed the 14th day of July, 1972.

GETTY OIL COMPANY

By [Signature]
Vice President

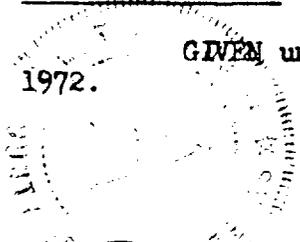
Date JUL 14, 1972

Attest [Signature]
Assistant Secretary

STATE OF TEXAS
COUNTY OF HARRIS) ss

On this 14th day of July, 1972, before me appeared H. E. BERG, to me personally known, who being by me duly sworn, did say that he is the Vice President of GETTY OIL COMPANY, a corporation, and that the seal affixed to said instrument is the Corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said H. E. BERG acknowledged said instrument to be the free act of said corporation.

GIVEN under my hand and seal of office this 14th day of July, 1972.



Barbara Y. Wilkins
Notary Public, in and for said HARRIS County, TEXAS

My Commission Expires:
June 1, 1973

BARBARA Y. WILKINS
Notary Public in and for Harris County, Texas.
My commission expires June 1, 1973



ELLIOTT & WALDRON
ABSTRACT & TITLE
LOVINGTON, TEXAS

17579

STATE OF NEW MEXICO
COUNTY OF LEA
FILED

JUL 28 1972
at 1:05 o'clock P
and Recorded in Book 304
Page 318
JANE RICE SMITH, County Clerk
By [Signature] Deputy

EXHIBIT "B" TO UNIT AGREEMENT
 VACUUM ABO UNIT, LEA COUNTY, NEW MEXICO
 REVISED---EFFECTIVE SEPTEMBER 1, 1972

Tract No.	Description of Land	No. of Acres	New Mexico State Lease Number	Basic Royalty and Amount, Percent	Lessee of Record	Overriding Royalty Owners and Amount, Percent	Working Interest Owners and Percent Working Interest in Tract	Unit Participation, Percent
1	NW/4 NE/4 Sec. 25-17S-35-E and W/2 SE/4 Sec. 27-17S-35E	120	B-1840-1	State of New Mexico 12.50000	Chevron Oil Company	None	Chevron Oil Company 100.00000	<u>.86531</u>
2	NE/4 NW/4 Sec. 25-17S-35E	40	Private Land Scharbauer Cattle Co. Viola Lee Bookie Lee Roy R. Lee R. D. Lee, Jr. Giles M. Lee	Listed below: 14.06250 .82030 .96680 .96680 .96680 .96680 18.75000	Neville G. Penrose	Mercantile-Safe Deposit & Tr. Co., et al, Trustee under Trust, U/D Donaldson Brown Mercantile-Safe Deposit & Tr. Co., et al, Trustee under Trust, U/D Donaldson Brown, A/C 2 Penrose Production Company	47.50000 2.50000 50.00000 <u>.96350</u>	
4	N/2 NE/4 Sec. 26-17S-35E	80	B-2735	State of New Mexico 12.50000	Mobil Oil Corp.	None	Mobil Oil Corp. 100.00000	<u>.88422</u>
5	W/2 SE/4 Sec. 26-17S-35E	80	B-1399-10	State of New Mexico 12.50000	Sinclair Oil & Gas Co.	None	Shell Oil Company 100.00000	<u>3.52510</u>
6	NW/4 NW/4 Sec. 25-17S-35E	40	B-960	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	.50316
6A	S/2 SW/4 Sec. 26-17S-35E	80	B-2131	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	3.70916
6B	SE/4 NE/4 Sec. 26-17S-35E	40	B-1861	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	2.06273
6C	NW/4 SW/4 and NE/4 SE/4 Sec. 26-17S-35E	80	B-1608	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	3.42433
6D	NE/4 SW/4 Sec. 26-17S-35E	40	B-2360-1	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	2.09480
6E	S/2 NW/4 and NE/4 NW/4 and SW/4 NE/4 Sec. 27-17S-35E and S/2 SW/4 Sec. 27-17S-35E	240	B-1497	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	8.37386
6F	NE/4 Sec. 34 and NW/4 Sec. 35-17S-35E	320	B-2519	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	11.86220
6G	SE/4 SE/4 Sec. 26 and SE/4 SW/4 Sec. 33-17S-35E	80	B-2073	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	.55407
6H	NE/4 SW/4 Sec. 33-17S-35E	40	B-2862-3	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	.00000
6I	S/2 NW/4 Sec. 5-18S-35E	80 1,040	B-1502	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Phillips Petroleum Co. 100.00000	<u>1.70685</u> <u>34.29116</u>
7	E/2 SE/4 Sec. 27-17S-35E	80	B-1404-2	State of New Mexico 12.50000	Shell Oil Company	None	Shell Oil Company 100.00000	<u>3.72942</u>
8	NW/4 Sec. 34-17S-35E	160	B-2273-2	State of New Mexico 12.50000	Mobil Oil Corp.	None	Mobil Oil Corp. 100.00000	<u>6.77456</u>
9	SE/4 NE/4 Sec. 33-17S-35E	40	B-1713-1	State of New Mexico 12.50000	Marathon Oil Company	None	Marathon Oil Company 100.00000	<u>.12350</u>
10	N/2 S/2, S/2 SW/4, SW/4 SE/4 Sec. 34-17S-35E	280	B-1845-1	State of New Mexico 12.50000	Chevron Oil Company	None	Chevron Oil Company 100.00000	<u>9.63178</u>

EXHIBIT "B" TO UNIT AGREEMENT
 VACUUM ABO UNIT, LEA COUNTY, NEW MEXICO
 REVISED--EFFECTIVE SEPTEMBER 1, 1972
 Page 2

Tract No.	Description of Land	No. of Acres	New Mexico State Lease Number	Basic Royalty and Amount, Percent	Lessee of Record	Overriding Royalty Owners and Amount, Percent	Working Interest Owners and Percent Working Interest in Tract	Unit Participation, Percent
11	SE/4 Sec. 33-17S-35E	160	B-1400-3	State of New Mexico 12.50000	Shell Oil Company	None	Shell Oil Company 100.00000	4.65589
12	SW/4 SW/4 Sec. 33-17S-35E	40	B-1565-2	State of New Mexico 12.50000	Getty Oil Company	None	Getty Oil Company 100.00000	.84693
13	NE/4 NE/4 Sec. 5-18S-35E	40	B-2073	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Aztec Oil & Gas Co. 7.69812	1.92663
	S/2 NE/4 Sec. 5-18S-35E	80	B-2073	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Chevron Oil Co. 36.54368	9.14593
	NW/4 Sec. 4-18S-35E	160	B-2131	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Cities Service Oil Co. 1.91708	.47980
	NE/4 SE/4 Sec. 4-18S-35E	40	B-2131	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Getty Oil Company 15.39624	3.85328
	SW/4 NW/4 Sec. 3-18S-35E	40	B-1608	State of New Mexico 12.50000	Phillips Petroleum Co.	None	Marathon Oil Co. 7.67406	1.92061
	NE/4 Sec. 4-18S-35E	160	B-1713-1	State of New Mexico 12.50000	Marathon Oil Company	None	Phillips Petroleum Co. 23.07270	5.77450
	N/2 NW/4 Sec. 3-18S-35E	80	E-3287-1	State of New Mexico 12.50000	Cities Service Oil Co.	Cities Serv. Oil Co. 1.44	Shell Oil Company 7.69812	1.92664
	NW/4 SE/4 Sec. 4-18S-35E	40	E-3286-1	State of New Mexico 12.50000	Cities Service Oil Co.	Pacific Sabine No. 3 0.46	100.00000	25.02739
	E/2 SE/4 Sec. 5-18S-35E	80	E-3140-2	State of New Mexico 12.50000	Shell Oil Company	Jas. D. Erwin 0.19		
	S/2 SW/4 Sec. 4-18S-35E	80	E-6504	State of New Mexico 12.50000	Shell Oil Company	None		
	W/2 SE/4 Sec. 5-18S-35E	80	B-1838-1	State of New Mexico 12.50000	Chevron Oil Company	None		
	N/2 SW/4 Sec. 4-18S-35E	80	OG-2302	State of New Mexico 12.50000	Chevron Oil Company	None		
14	SW/4 Sec. 5-18S-35E	160	E-6504	State of New Mexico 12.50000	Shell Oil Company	None	Shell Oil Company 100.00000	4.91722
15	NW/4, N/2 NE/4 Sec. 8-18S-35E	240	E-6704	State of New Mexico 12.50000	Skelly Oil Company	None	Skelly Oil Company 100.00000	3.69395
	Total Acres	3,480					Total	100.00000

EXHIBIT "C"--PART 1 (TRACT SEQUENCE) PAGE 1
 TO UNIT OPERATING AGREEMENT
 VACUUM ABO UNIT

WORKING INTEREST OWNERSHIP AND PARTICIPATION
REVISED--EFFECTIVE SEPTEMBER 1, 1972

Tract No.	Working Interest Owner	Working Interest in Tract Percent	Unit Participation Percent
1	Chevron Oil Company	100.00000	.86531
2	Mercantile-Safe Deposit & Trust Co., et al, Trustee under Trust, U/D Donaldson Brown	47.50000	.45766
2	Mercantile-Safe Deposit & Trust Co., et al, Trustee under Trust, U/D Donaldson Brown, A/C 2	2.50000	.02409
2	Penrose Production Company	50.00000	.48175
4	Mobil Oil Corporation	100.00000	.88422
5	Shell Oil Company	100.00000	3.59510
6	Phillips Petroleum Company	100.00000	.50316
6A	Phillips Petroleum Company	100.00000	3.70916
6B	Phillips Petroleum Company	100.00000	2.06273
6C	Phillips Petroleum Company	100.00000	3.42433
6D	Phillips Petroleum Company	100.00000	2.09480
6E	Phillips Petroleum Company	100.00000	8.37386
6F	Phillips Petroleum Company	100.00000	11.86220
6G	Phillips Petroleum Company	100.00000	.55407
6H	Phillips Petroleum Company	100.00000	.00000
6I	Phillips Petroleum Company	100.00000	1.70685
7	Shell Oil Company	100.00000	3.72949
8	Mobil Oil Corporation	100.00000	6.77456
9	Marathon Oil Company	100.00000	.12350
10	Chevron Oil Company	100.00000	9.63178
11	Shell Oil Company	100.00000	4.65589
12	Getty Oil Company	100.00000	.84693
13	Aztec Oil and Gas Company	7.69812	1.92663
13	Chevron Oil Company	36.54368	9.14593
13	Cities Service Oil Company	1.91708	.47980
13	Getty Oil Company	15.39624	3.85328
13	Marathon Oil Company	7.67406	1.92061
13	Phillips Petroleum Company	23.07270	5.77450
13	Shell Oil Company	7.69812	1.92664
14	Shell Oil Company	100.00000	4.91722
15	Skelly Oil Company	100.00000	3.69395
	Grand Total		100.00000

EXHIBIT "C"--PART 2 (OWNER SEQUENCE) PAGE 1
 TO UNIT OPERATING AGREEMENT
 VACUUM ABO UNIT

WORKING INTEREST OWNERS AND PARTICIPATION
REVISED--EFFECTIVE SEPTEMBER 1, 1972

<u>Working Interest Owner</u>	<u>Tract No.</u>	<u>Unit Participation</u>	
		<u>Owner by Tracts Percent</u>	<u>Owner Total Percent</u>
Aztec Oil and Gas Company	13	1.92663	1.92663
Chevron Oil Company	1	.86531	
	10	9.63178	
	13	9.14593	19.64302
Cities Service Oil Company	13	.47980	.47980
Getty Oil Company	12	.84693	
	13	3.85328	4.70021
Marathon Oil Company	9	.12350	
	13	1.92061	2.04411
Mercantile-Safe Deposit & Trust Co., et al, Trustee under Trust, U/D Donaldson Brown	2	.45766	.45766
Mercantile-Safe Deposit & Trust Co., et al, Trustee under Trust, U/D Donaldson Brown, A/C 2	2	.02409	.02409
Mobil Oil Corporation	4	.88422	
	8	6.77456	7.65878
Penrose Production Company	2	.48175	.48175
Phillips Petroleum Company	6A	3.70916	
	6B	2.06273	
	6C	3.42433	
	6D	2.09480	
	6E	8.37386	
	6F	11.86220	
	6G	.55407	
	6H	.00000	
	6I	1.70685	
	6	.50316	
	13	5.77450	40.06566
Shell Oil Company	5	3.59510	
	7	3.72949	
	11	4.65589	
	13	1.92664	
	14	4.91722	18.82434
Skelly Oil Company	15	3.69395	3.69395
		Grand Total	100.00000



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79760
PHILLIPS BUILDING, FOURTH & WASHINGTON

EXPLORATION & PRODUCTION DEPARTMENT

July 31, 1972



3508

Subsequent Joinder of Getty Oil
Company's Interest, Tract 13,
Vacuum Abo Unit, Lea County,
New Mexico

File: W2-Ed-497-72

New Mexico Oil Conservation Commission
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Gentlemen:

Section 30 of the Unit Agreement of the Vacuum Abo Unit, Lea County, New Mexico, provides for subsequent joinder subject to such requirements or approvals and on such basis as may be agreed upon by seventy-five percent (75%) of the Working Interest Owners. It further provides that such subsequent joinder shall be effective at 7:00 A.M., as of the first day of the month following the filing with the Commission and the Commissioner of duly executed counterparts of all or any papers necessary to establish effective commitment of any interest to this agreement, and approval by the Commissioner.

Pursuant to the provisions of the Unit Agreement, attached for the files of the Oil Conservation Commission is a copy of "Working Interest Owner Agreement to Become a Party to Unit Agreement and Unit Operating Agreement, Vacuum Abo Unit, Lea County, New Mexico", which has been executed by Getty Oil Company, successor in interest to Tidewater Oil Company, whereby Getty Oil Company agrees to commit its 15.39624 percent working interest in Tract 13 to the Vacuum Abo Unit. Unit participation for this interest is 3.85328 percent.

Tract 13 was originally brought into the unit under the terms of Section 11 (c) of the Unit Agreement, which provides that a tract with less than 100 percent of the Working Interest Owners having become parties to such agreement may be included in the unit area if all of the Working Interest Owners in such tract, who are parties to the agreement, request that the tract be included in the unit area, and execute and deliver an indemnity agreement, indemnifying and agreeing to hold harmless the other Working Interest Owners in the unit area. The Getty (formerly Tidewater) interest was the only unsigned working interest in Tract 13.

To: New Mexico Oil Conservation Commission
Attn: Mr. A. L. Porter, Jr.,
Secretary-Director
File: W2-Ed-497-72
Date: July 31, 1972
Page: 2

By letter dated April 27, 1972, Getty formally requested that its uncommitted interest in Tract 13 of the Vacuum Abo Unit be admitted to the unit with the same participation as originally assigned (3.85328% of total unit). Subsequently, the Working Interest Owners were balloted regarding the requested joinder. Unconditional approval was received from 76.36083 percent of the Working Interest Owners, which is more than sufficient to meet the requirement stipulated in Section 30 of the Unit Agreement. No disapprovals were received. Conditional approval (the interest to be committed no earlier than September 1, 1972) was received from Shell Oil Company. Therefore, in view of the fact the anticipated effective date is September 1, 1972, Shell's approval (18.82434%) has been added to the 76.36083 percent above, resulting in a total approval of 95.18517 percent of the Working Interest Owners.

By separate correspondence, approval of the Commissioner of Public Lands of the State of New Mexico has been requested for the admission of the subject interest to the Vacuum Abo Unit, Lea County, New Mexico, effective 7:00 A.M., September 1, 1972.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



G. W. Edwards, Chairman
Working Interest Owners Committee

JWM:dva
Attachment

WORKING INTEREST OWNER
AGREEMENT TO BECOME A PARTY TO UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT
VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

Getty Oil Company, successor in interest to Tidewater Oil Company, acknowledges receipt of a counterpart of an instrument entitled, "Unit Agreement for the Development and Operation of the Vacuum Abo Unit, Vacuum Field, Lea County, New Mexico", and a counterpart of an instrument entitled, "Unit Operating Agreement, Vacuum Abo Unit, Lea County, New Mexico", both of which are dated December 1, 1965, for the purpose of conducting Unit Operations with respect to the Abo Reef of the Permian Formation underlying the following described Unit Area:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

Township 17 South, Range 35 East

Section 25: N/2 NW/4, NW/4 NE/4
26: E/2 NW/4, SW/4 NW/4, NE/4, and S/2
27: S/2 SW/4 and SE/4
33: SE/4 NE/4, SW/4 SW/4, E/2 SW/4, and SE/4
34: N/2, SW/4, N/2 SE/4, and SW/4 SE/4
35: NW/4

Township 18 South, Range 35 East

Section 3: N/2 NW/4 and SW/4 NW/4
4: N/2, N/2 S/2, and S/2 SW/4
5: NE/4 NE/4, S/2 N/2, and S/2
8: NW/4 and N/2 NE/4

Situated in Lea County, New Mexico, containing 3,480 acres, more or less.

The Unit Agreement and Unit Operating Agreement provide that any person defined in the Unit Agreement as a Working Interest Owner may become a party to the Agreements by signing the original, a counterpart, or other instrument that evidences an intention to be bound by the terms of both Agreements.

NOW, THEREFORE, the undersigned Getty Oil Company hereby agrees to become a party to, and be bound by, provisions of the Unit Agreement and the Unit Operating Agreement under Section 30 of the Unit Agreement, the joinder of the undersigned to be effective at 7:00 A.M., as of the first day of the month following the filing with the Oil Conservation Commission and the Commissioner of Public Lands of the State of New Mexico of duly executed counterparts of all or any papers necessary to establish effective commitment of the interest of the undersigned in Tract 13, and approval by the Commissioner.

Executed the 14th day of July, 1972.

GETTY OIL COMPANY

Date JUL 14 1972

By 
Vice President

Attest 
Assistant Secretary

(Required Notary Acknowledgment on reverse side--to be completed.)

STATE OF TEXAS)
COUNTY OF HARRIS) ss

On this 14th day of July, 1972, before me appeared H. E. BERG, to me personally known, who being by me duly sworn, did say that he is the Vice President of GETTY OIL COMPANY, a corporation, and that the seal affixed to said instrument is the Corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said H. E. BERG acknowledged said instrument to be the free act of said corporation.

GIVEN under my hand and seal of office this 14th day of July, 1972.

Barbara Y. Wilkins
Notary Public, in and for said
HARRIS County, TEXAS

My Commission Expires:
June 1, 1973

BARBARA Y. WILKINS
Notary Public in and for Harris County, Texas.
My commission expires June 1, 1973.

July 31, 1972

Subsequent Joinder of Getty Oil
Company's Interest, Tract 13,
Vacuum Abo Unit, Lea County,
New Mexico

File: W2-Ed-497-72

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To: New Mexico Oil Conservation Commission
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Very truly yours,

PHILLIPS PETROLEUM COMPANY



G. W. Edwards, Chairman
Working Interest Owners Committee

JWM:dva
Attachment

WORKING INTEREST OWNER
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AND UNIT OPERATING AGREEMENT
VACUUM ABO UNIT
LEA COUNTY, NEW MEXICO

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35: NW/4

Township 18 South, Range 35 East

Section 3: N/2 NW/4 and SW/4 NW/4
4: N/2, N/2 S/2, and S/2 SW/4
5: NE/4 NE/4, S/2 N/2, and S/2
8: NW/4 and N/2 NE/4

Situated in Lea County, New Mexico, containing 3,480 acres, more or less.

The Unit Agreement and Unit Operating Agreement provide that any person defined in the Unit Agreement as a Working Interest Owner may become a party to the Agreements by signing the original, a counterpart, or other instrument that evidences an intention to be bound by the terms of both Agreements.

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Executed the 14th day of July, 1972.

GETTY OIL COMPANY

Date JUL 14 1972

By 
Vice President

Attest 
Assistant Secretary

STATE OF TEXAS
COUNTY OF HARRIS

ss

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GIVEN under my hand and seal of office this 14th day of July, 1972.

Barbara Y. Wilkins
Notary Public, in and for said
HARRIS County, TEXAS

My Commission Expires:
June 1, 1973

BARBARA Y. WILKINS
Notary Public in and for Harris County, Texas.
My commission expires June 1, 1973

KELLAHIN AND FOX
ATTORNEYS AT LAW
54½ EAST SAN FRANCISCO STREET
POST OFFICE BOX 1769
SANTA FE, NEW MEXICO 87501

JASON W. KELLAHIN
ROBERT E. FOX

TELEPHONE 982-4315
AREA CODE 505

December 20, 1966

Oil Conservation Commission of New Mexico
Box 2088
Santa Fe, New Mexico

Gentlemen:

Reference is made to the application of Phillips Petroleum Corporation for approval of the Vacuum Abo Unit and application for pressure maintenance which was filed with the Commission.

Attached are a copy of the unit agreement, unit operating agreement, a plat of the area, well logs, and schematic diagrams of the gas injection wells.

Yours very truly,

JASON W. KELLAHIN

JWK

jwk;peg
Enc.

cc Mr. Frank Irby