

El Paso Natural Gas Company

El Paso, Texas

August 19, 1958

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

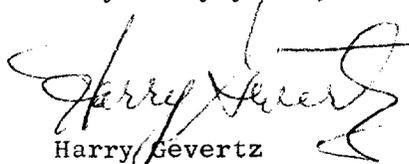
Re: San Juan 27-5 Unit
No. 14-08-001-950
Rio Arriba County,
New Mexico

Gentlemen:

We transmit herewith one (1) duplicate original copy of a Ratification and Joinder of Unit Agreement, executed by Bernard T. Espelage, Bishop, Diocese of Gallup, New Mexico, for the Catholic Church of Jaramillo, New Mexico, whereby they commit their royalty interest to the San Juan 27-5 Unit Agreement.

If you find the enclosed Ratification and Joinder of Unit Agreement to be in order, we respectfully request that you process the agreement so that this interest will be effectively committed to the San Juan 27-5 Unit Agreement.

Very truly yours,



Harry Gevertz
Area Landman
Land Department

HG:GWO:jr
Enclosures

NM 4941

MAIN OFFICE 006
RATIFICATION AND JOINDER OF UNIT AGREEMENT

1958 AUG 21 AM 8:23

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27-5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claim an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

Box 110
Gallup, N. Mexico

Date: July 14, 1958

Date: _____

SIGNATURE

CATHOLIC CHURCH OF JARAMILLO, NEW MEXICO
By: Bernard J. Capilago
Bishop, Diocese of Gallup, New Mexico

APPROVED AND CONSENTED TO:

EL PASO NATURAL GAS COMPANY

By: [Signature]
Attorney In Fact

UNIT OPERATOR & WORKING INTEREST OWNER

STATE OF

||
||
||

COUNTY OF

On this _____ day of _____, 19____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____, 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 _____ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County, State of _____

STATE OF

||
||
||

COUNTY OF

On this _____ day of _____, 19____, before me appeared _____ and _____, his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

Notary Public in and for _____
County, State of _____

STATE OF New Mexico

||
||
||

COUNTY OF McKinley

On this 14th day of July, 1958, before me personally appeared Bernard T. Espelage, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that he executed the same as his free act and deed.

My Commission expires:

March 19, 1961

John R. Scanlon

Notary Public in and for McKinley
County, State of New Mexico

El Paso Natural Gas Company

El Paso, Texas

December 13, 1957

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Gentlemen:

You will find enclosed herewith for filing with the Oil Conservation Commission of the State of New Mexico one (1) copy of Ratification and Joinder of Unit Operating Agreement and one (1) copy of Ratification and Joinder of Unit Agreement whereby El Paso Natural Gas Company, as Working Interest Owner, commits certain interest within the San Juan 27-5 Unit Area to the San Juan 27-5 Unit Agreement and the San Juan 27-5 Unit Operating Agreement.

You will also find enclosed herewith one (1) copy of Ratification and Joinder of Unit Agreement that has been executed by Horace F. McKay, Jr. and wife Elmyra K. McKay, and Carroll T. Payne and wife Edith H. Payne, whereby they commit certain royalty interests to the San Juan 27-5 Unit Agreement.

We respectfully ask that you process these Ratifications and Joinders of Unit Agreement and the Ratification and Joinder of Unit Operating Agreement in the usual manner in order to effectively commit these interests to the San Juan 27-5 Unit Agreement.

Very truly yours,



Harry Gevertz
Area Landman
Land Department

HG:GWO:jr
Enclosures

NM 8978

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27-5 Unit Area located within the County of Rio Arriba, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (which-ever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

ATTEST:

A. M. Merten
Assistant Secretary

SIGNATURE

EL PASO NATURAL GAS COMPANY

By *J. F. [Signature]*
Vice President

Date: 1-12-51

Date: _____

Date: _____

STATE OF TEXAS |
 |
COUNTY OF EL PASO |

On this 12 day of December, 1957, before me appeared H. F. STEEN, to me personally known, who, being by me duly sworn did say that he is the Vice President of EL PASO NATURAL GAS COMPANY 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. F. STEEN acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

 M. 2. 1957
Notary Public in and for El Paso County, Texas
 My Commission Expires June 1, 1958

 M B Huey
Notary Public in and for El Paso County,
State of Texas

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

800 Loma Linda Place, S.E.
Albuquerque, New Mexico

Horace F. McKay, Jr.
HORACE F. MCKAY, JR.

Elmyra K. McKay
ELMYRA K. MCKAY

Date: November 25, 1957

1018 Idlewilde Lane, S.E.
Albuquerque, New Mexico

Carroll T. Payne
CARROLL T. PAYNE

EDITH H. PAYNE
Edith H. Payne

Date: November 25, 1957

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By *[Signature]*
Vice President
UNIT OPERATOR & WORKING INTEREST OWNER

72B

STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
_____ 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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

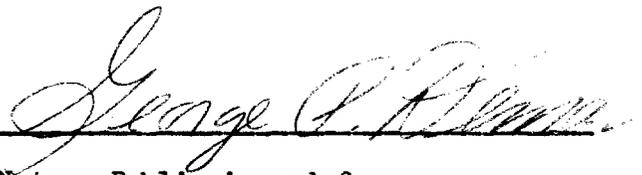
STATE OF NEW MEXICO)
) SS.:
COUNTY OF BERNALILLO)

On this 25th day of November, 195 7, before me appeared

Horace F. McKay, Jr. and wife Elmyra K. McKay and Carroll T. Payne and wife Edith H. Payne
~~XXXXXX~~, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

7/12/60



Notary Public in and for _____
Bernalillo County,
State of New Mexico

STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF TEXAS)
)
COUNTY OF EL PASO)

On this 12 day of December, 1957, before me appeared H. F. STEEN, to me personally known, who being by me duly sworn did say that he is the Vice President of EL PASO NATURAL 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 H. F. STEEN acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

M. B. IVEY
Notary Public in and for El Paso County, Texas
My Commission Expires June 1, 1968

M B Ivey
Notary Public

STATE OF)
)
COUNTY OF)

On this _____ day of _____, 19____, before me appeared _____ and _____ his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

Notary Public

STATE OF)
)
COUNTY OF)

On this _____ day of _____, 19____, before me personally appeared _____, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that _____ he executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
SAN JUAN 27-5 UNIT, RIO ARriba COUNTY, NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27-5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

ATTEST:

EL PASO NATURAL GAS COMPANY

J. Marten
Assistant Secretary

By [Signature]
Vice President

FWB

Date: 12-1-51

Date: _____

EXHIBIT "B"

Schedule Showing the Percentage and Kind of Ownership of Oil and Gas Interests in All Lands in the San Juan 27-5 Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS

T-27-N, B-5-W

1	Sec. 30: Lots 2, 3, 4, E/2 W/2, NE/4, N/2 SE/4	1079.09	SF 079367 8-1-48	U.S.A. 12 1/2% All	Mike Abraham M. E. Wilson Riasan Company	(2/6) (1/2) (1/6)	F. P. Hamrah E. L. Meadows & John C. Meadows Albert Ochsner Riasan Co. Mike Abraham	0.00150 0.00075 0.00075 1.58333 0.91367 2.50000%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
2	Sec. 7: All Sec. 8: All Sec. 9: All Sec. 18: All	2563.12	SF 079391 7-1-48	U.S.A. 12 1/2% All	T. H. Harrington M. E. Wilson	(1/2) (1/2)	F. P. Hamrah E. L. Meadows & John C. Meadows Riasan Co. T. H. Harrington	0.22500 0.07500 1.58333 0.61667 2.50000%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Tract No. Description No. of Acres Serial No. and Lease Date Land Owner Percentage of Royalty Record Owner of Lease or Application Overriding Royalty Owner and Percentage

FEDERAL LANDS (Continued)

T-27-N, R-5-W

3	Sec. 17: All Sec. 19: All Sec. 20: All Sec. 28: NW/4 Sec. 29: N/2, SW/4	2561.76	SF 079392 7-1-48	U.S.A. 12 1/2% All	T. H. Harrington (1/2) M. E. Wilson (1/2)	* F. P. Hamrah E. L. Meadows & John C. Meadows Albert Ochsner Riasan Co. T. H. Harrington	0.15000 0.07500 0.07500 1.58333 0.61667 2.50000%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
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4	Sec. 3: Lots 2,3,4, S/2 N/2, S/2 Sec. 4: All Sec. 5: All Sec. 6: All	2520.39	SF 079393 7-1-48	U.S.A. 12 1/2% All	T. H. Harrington (1/2) General American Oil Co. (1/2)	Riasan Co. F. P. Hamrah E. L. Meadows & John C. Meadows Albert Ochsner T. H. Harrington	1.58330 0.15000 0.07500 0.07500 0.61670 2.50000%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
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Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Tract No. Description No. of Acres Serial No. and Lease Date Land Owner Percentage of Royalty Record Owner of Lease or Application Overriding Royalty Owner and Percentage

FEDERAL LANDS (Continued)

T-27-N, R-5-W

5	Sec. 21: N/2 N/2, SE/4 NE/4, 2560.00 SW/4 NW/4, S/2 S/2, NE/4 SE/4, NW/4 SW/4	SF 079394 7-1-48	U.S.A. 12 1/2% All	T. H. Harrington (1/2) M. E. Wilson (1/2)	F. P. Hamrah E. L. Meadows & John C. Meadows Albert Ochsner Riasan Co. T. H. Harrington	0.15000 0.07500 0.07500 1.58330 0.61670 2.50000%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
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6	Sec. 15: SW/4, W/2 SE/4 Sec. 22: W/2, NW/4 NE/4, S/2 SE/4 Sec. 27: E/2	SF 079403 4-1-48	U.S.A. 12 1/2% All	Thomas F. Harrington	Brookhaven Oil Co. Foster Morrell Chas.C.Harlan, Jr.	5.00000 5.00000 1.25000 11.25000%	Thomas F. Harrington All
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7	Sec. 1: All Sec. 10: All Sec. 11: All Sec. 12: All	SF 079491 11-1-48	U.S.A. 12 1/2% All	Pacific Northwest Pipeline Corporation	Joe Quinn Omega E. Quinn Robert P. Tinnin N. B. Stern H. O. Pool Evelyn G. Brown & James Algernon Brown, Executors of Estate of Algernon W. Brown, deceased J. R. Abercromble T. H. McElvain W. E. Alsup Forrest B. Miller M. A. Romero	0.131250 0.098438 0.032812 0.262500 0.262500 0.262500 0.262500 0.262500 0.437500 0.218750 0.218750 0.312500 2.500000%	To Base of MV formation: Pacific Northwest All Below Base of MV formation: Stamollind Oil & Gas Co. All
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October 6, 1955

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
FEDERAL LANDS (Continued)							
T-27-N, R-5-W							
8	Sec. 25: NE/4, NE/4 SE/4	200.00	SF 079492 11-1-48	U.S.A. 12 3/4% All	Joe Quinn	Squire Production Co. Waymon Peavy William G. Webb	M. A. Romero Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown, Trustees under Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown & James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie
						1.175 1.307 0.131 <u>2.614%</u>	12.5000% 5.2500% 3.9375% 1.3125% 10.5000% 10.5000% 10.5000%
9	Sec. 13: E/2, NW/4 Sec. 14: A11 Sec. 15: N/2	1440.00	SF 079492-A 11-1-48	U.S.A. 12 3/4% All	Pacific Northwest Pipeline Corporation	Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn G. Brown & James Algernon Brown, Executors of the Estate of Algernon W. Brown, deceased	To Base of MV formation: Pacific Northwest Below MV formation: Stanolind Oil & Gas Co. All
						0.131250 0.098438 0.032812 0.262500 0.262500 0.262500	All All All
						J. R. Abercrombie 0.262500 T. H. McElvain 0.437500 W. E. Alsup 0.218750 Forrest B. Miller 0.218750 M. A. Romero 0.312500 <u>2.500000%</u>	

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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FEDERAL LANDS (Continued)

T-27-N, R-5-W

12	Sec. 26: NE/4, N/2 NW/4 S/2 SW/4	960.00	SF 079493-A 12-1-48	U.S.A. 12 1/2% A11	W. H. Sparks	M. A. Romero Joe Quinn Omega E. Quinn Robt. P. Timm N. B. Stern H. O. Pool Evelyn Ellen Wallace & Jas. Algeron Brown, Trustees under Last Will & Testament of Algeron W. Brown, deceased & Evelyn G. Brown & James Algeron Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercromble	Gas Rights before payout: El Paso Natural Gas Co. A11 Oil Rights before payout: General American Oil Co. A11 Gas Rights after payout: El Paso Natural Gas Co. 56.25 General American Oil Co. 18.75 O.R.I. Owners in % shown 25.00 Oil Rights after payout: General American Oil Co. 75.00 O.R.I. Owners in % shown 25.00
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.230
.173
.057
.459
.459
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.459
.383
.383
.766
.459
4.375%

12 FEDERAL LAND TRACTS - 18,804.72 acres

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>STATE LANDS</u>							
<u>T-27-N, R-5-W</u>							
13	Sec. 2: E/2 Sec. 16: NW/4 Sec. 32: W/2 Sec. 36: NE/4	960.04	State NM E-290-3 5-2-45 10 yrs.	State NM 12 1/2% All	Southern Petroleum Exploration, Inc.	None	Southern Petroleum Exploration, Inc. All
14	Sec. 2: NW/4 Sec. 16: N/2 NE/4 Sec. 32: SE/4 Sec. 36: S/2 NW/4	479.40	State NM E-290-6 5-2-45 10 yrs.	State NM 12 1/2% All	Malco Refineries, Inc.	None	Malco Refineries, Inc. All
15	Sec. 2: SW/4 Sec. 16: S/2 NE/4, S/2 Sec. 32: NE/4 Sec. 36: N/2 NW/4, SW/4	960.00	State NM E-290-19 5-2-45 10 yrs.	State NM 12 1/2% All	Pacific Northwest Pipeline Pipeline Corporation	None	All Gas Rights: Pacific Northwest All Oil Rights: Colorado Oil & Gas Co.
16	Sec. 36: SE/4	160.00	State NM E-6833-2 12-23-52 10 yrs.	State NM 12 1/2% All	Lona L. Bingham	None	Lona L. Bingham All
4 STATE LAND TRACTS - 2,599.44 acres							

Tract No.	Description	No. of Acres	Land Owner and Percentage of Royalty	Lessee and Date of Lease	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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PATENTED LANDS
T-27-N, R-5-W

17	Sec. 3: Lot 1	39.56	Russell Ernest Arnold 2 Clara Arnold	Pacific Northwest 4-12-48 10 yrs.	None	To Base of MV formation: Pacific Northwest Below MV formation: Stanolind Oil & Gas Co.	All All All	
18	Sec. 13: SW/4	160.00	Carroll T. Payne) Horace F. McKay,) Jr.) 3.125% Jose Perfecto Esquibel) Maximiliano Esquibel)	Thomas F. Harrington 8-13-53 2 yrs. El Paso Natural Gas Co. 10-3-53 5 yrs.	Manuel Sanchez Edna E. Morrell Chas. C. Harlan, Jr.	1 1/2% 1% 1%	El Paso Natural Gas Co. 1/2	
* 19	Sec. 15: E/2 SE/4 Sec. 22: E/2 NE/4	160.00	Pablo Candelaria Catholic Church of Jaramillo, N.M.	Francis Joy Dazzo 8-12-53 2 yrs.	Edna E. Morrell Chas. C. Harlan, Jr.	4.5% 1.75% 6.25%	Sam Dazzo & Frances Joy Dazzo Interests after payout: Sam Dazzo & Frances Joy Dazzo Pablo Candelaria	79.2% 20.8%
20	Sec. 21: SW/4 NE/4, SE/4 NW/4, NE/4 SW/4, NW/4 SE/4	160.00	Jose Perfecto Esquibel) Maximiliano Esquibel)	El Paso Natural Gas Co. 10-3-53 5 yrs.	Manuel Sanchez Edna E. Morrell Chas. C. Harlan, Jr.	2.5% 2.0% .5% 5.0%	El Paso Natural Gas Co.	All
* 21	Sec. 22: N/2 SE/4, SW/4 NE/4 Sec. 23: NW/4 SW/4	160.00	Pablo Candelaria Catholic Church of Jaramillo, NM	Frances Joy Dazzo 8-12-53 2 yrs.	Edna E. Morrell Chas. C. Harlan, Jr.	4.5% 1.75% 6.25%	Sam Dazzo & Frances Joy Dazzo Interests after payout: Sam Dazzo & Frances Joy Pablo Candelaria	All 79.2% 20.8%
* 22	Sec. 23: NW/4	160.00	Pablo Candelaria Catholic Church of Jaramillo, N.M.	Frances Joy Dazzo 8-12-53 2 yrs.	Edna E. Morrell Chas. C. Harlan, Jr.	4.5% 1.75% 6.25%	Sam Dazzo & Frances Joy Interests after payout: Sam & Frances Joy Dazzo Pablo Candelaria	All 79.2% 20.8%

October 6, 1955

* Lands under Tracts 19, 21, 22, 24, & 25 now included in a single lease

Tract No.	Description	No. of Acres	Land Owner and Percentage of Royalty	Lessee and Date of Lease	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
PATENTED LANDS (Continued)						
T-27-N, R-5-W						
23	Sec. 24: S/2 NE/4, N/2 SE/4	160.00	Honorata L. Esquibel 6.25% Manuel A. Sanchez 6.25%	Pacific Northwest 12-24-52 5 yrs.	None	To Base of MV formation: Pacific Northwest Below MV formation: Stanolind Oil & Gas Co. All
24	Sec. 26: S/2 NW/4, N/2 SW/4	160.00	Pablo Candelaria 12.48437% Catholic Church of Jaramillo, NM .01563%	Frances Joy Dazzo 8-12-53 2 yrs.	Edna E. Morrell Chas. C. Harlan, Jr. 4.5 % 1.75% 6.25%	Sam & Frances Joy Dazzo All Interests after payout: Sam & Frances Joy Dazzo 79.2% Pablo Candelaria 20.8%
25	Sec. 26: SE/4	160.00	Pablo Candelaria 12.48437% Catholic Church of Jaramillo, NM .01563%	Frances Joy Dazzo 8-12-53 2 yrs.	Edna E. Morrell Chas. C. Harlan, Jr. 4.5 % 1.75% 6.25%	Sam & Frances Joy Dazzo All Interests after payout: Sam & Frances Joy Dazzo: 79.2% Pablo Candelaria 20.8%
26	Sec. 29: SE/4	160.00	Pablo Candelaria, and Eulogia Candelaria 12½%	Thomas F. Harrington 7-6-53 2 yrs.	Foster Morrell Chas. C. Harlan, Jr. 4.5 % 1.75% 6.25%	Thomas F. Harrington All
27	Sec. 30: Lot 1	40.27	Lucas Martinez 12½%	Pacific Northwest 12-15-47 10 yrs.	None	To Base of MV formation: Pacific Northwest Below MV formation: Stanolind Oil & Gas Co. All
28	Sec. 30: S/2 SE/4 Sec. 31: W/2 NE/4	160.00	Horace F. McKay, Jr. 6.25% Carroll T. Payne 6.25%	Thomas F. Harrington 8-20-51 5 yrs.	Foster Morrell Chas. C. Harlan, Jr. 5.75% .50% 6.25%	Thomas F. Harrington All

* Lands under Tracts 19, 21, 22, 24, and 25 now included in a single lease

12 PATENTED LAND TRACTS - 1,679.83 acres

EXHIBIT "B"
San Juan 27-5 Unit Agreement

RECAPITULATION

	<u>Number of Tracts</u>	<u>Acreage</u>	<u>Percentage</u>
Federal Land	12	18,804.72	81.60
State Land	4	2,559.44	11.11
Patented Land	12	1,679.83	7.29
	<u>28</u>	<u>23,043.99</u>	<u>100.00%</u>

* These overrides to be borne out of El Paso Natural Gas Company's Interest

Bill

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

*Letter of Transmittal dated 5/11/55
filed S.J. 27-4 Unit*

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27-5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

ATTEST:

A. Martak
Assistant Secretary

EL PASO NATURAL GAS COMPANY
By: *H. J. Shaw*
Vice President

Date: April 19, 1955

Date: _____

STATE OF _____)
COUNTY OF _____) SS.:

dku

On this _____ day of _____, 195____, before me personally appeared _____ to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires: _____ Notary Public in and for _____
APPROVED AND CONSENTED TO: _____ County, State of _____
By: *H. J. Shaw*
Vice President

STATE OF TEXAS

||
||
||

COUNTY OF EL PASO

On this 19th day of April, 1955, before me appeared H. F. Steen, to me personally known, who, being by me duly sworn, did say that he is the Vice President of EL PASO NATURAL GAS COMPANY, 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. F. Steen acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

Helen Adams

Notary Public in and for El Paso
County, State of Texas.

Helen Adams

Notary Public, in and for El Paso County, Texas
My commission expires June 1, 1955

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27-5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

ATTEST:

AC Martch

Assistant Secretary

EL PASO NATURAL GAS COMPANY

BY:

A. F. Staw

Vice President

Date: April 19, 1955

Date: _____

APPROVED AND CONSENTED TO:

EL PASO NATURAL GAS COMPANY

By

A. F. Staw

Vice President

UNIT OPERATOR

~~APPROVED AND CONSENTED TO~~
~~BY~~

~~XXXXXXXXXXXXXXXXXXXX~~

STATE OF Texas }
COUNTY OF El Paso } SS.:

On this 19th day of April, 1955, before me appeared
H. F. Steen

_____ to me personally known, who, being
by me duly sworn, did say that he is the Vice President of _____
EL PASO NATURAL GAS COMPANY 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. F. Steen acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Helen Adams
Notary Public in and for El Paso
County,
State of Texas
Helen Adams
Notary Public, in and for El Paso County, Texas
My commission expires June 1, 1955

STATE OF _____ }
COUNTY OF _____ } SS.:

On this _____ day of _____, 195____, before me appeared

_____ and _____
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF _____ }
COUNTY OF _____ } SS.:

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

540
El Paso Natural Gas Company OFFICE 000

TENTH FLOOR BASSETT TOWER

El Paso, Texas

August 18, 1954

RECEIVED 11 11 30

Commissioner of Public Lands of
the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of
the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 27-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

Enclosed herewith for your files please find the following Ratification and Joinders of Unit Agreement and Unit Operating Agreement committing various interests to the above numbered Unit:

1. One (1) copy of Ratification and Joinder of Unit Agreement executed by Omega E. Quinn committing her overriding royalty interest under Tracts 7, 9, 10 and 12, and her working interest under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 587.
2. One (1) copy of Ratification and Joinder of Unit Agreement executed by W. E. Alsup, et ux, committing their overriding royalty interest under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 586.
3. One (1) copy of Ratification and Joinder of Unit Agreement executed by T. H. McElvain, et ux, and Forrest B. Miller, et ux, committing their overriding royalty interests under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 585.

4. One (1) copy of Ratification and Joinder of Unit Agreement executed by H. O. Pool et ux, committing their overriding royalty interest under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 584.
5. One (1) copy of Ratification and Joinder of Unit Agreement executed by J. R. Abercrombie et ux, and Joe Quinn et ux, committing their overriding royalty interests under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 583.
6. One (1) copy of Ratification and Joinder of Unit Agreement executed by James A. Brown et ux, Evelyn G. Brown and Evelyn Ellen Wallace committing their overriding royalty interests under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 588.
7. One (1) copy of Ratification and Joinder of Unit Agreement executed by M. A. Romero et ux, and N. B. Stern committing their overriding royalty interests under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 589.
8. One (1) copy of Ratification and Joinder of Unit Agreement executed by R. P. Tinnin et ux, committing their overriding royalty interests under Tracts 7, 9, 10 and 12, and their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 590.
9. One (1) copy of Ratification and Joinder of Unit Agreement executed by Jose Perfecto Esquibel and Maximiliano Esquibel committing their basic royalty interest under Tracts 18 and 20 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 582.
10. One (1) copy of Ratification and Joinder of Unit Agreement executed by Honorata L. Esquibel committing her basic royalty interest under Tract 23 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 591.

11. One (1) copy of Ratification and Joinder of Unit Agreement executed by Manuel A. Sanchez et ux, committing their basic royalty interests under Tracts 18, 20, and 23 to the above numbered Unit. This instrument has been filed with the United States Geological Survey and has been placed of record in the office of the County Recorder, Rio Arriba County, New Mexico, on August 3, 1954, in Volume 22, Page 592.
12. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by J. R. Abercrombie et ux, and Joe Quinn et ux, committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
13. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by M. A. Romero, et ux, and N. B. Stern committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
14. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by W. E. Alsup et ux, committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
15. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by Omega E. Quinn committing her working interest under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
16. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by T. H. McElvain et ux and Forrest B. Miller et ux, committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
17. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by James A. Brown et ux, Evelyn G. Brown and Evelyn Ellen Wallace committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
18. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by H. O. Pool et ux, committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
19. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by Robert P. Tinnin et ux, committing their working interests under Tracts 8 and 11 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.
20. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by Pablo Candelaria et ux, committing their working interests

under Tracts 19, 21, 22, 24 and 25 to the above numbered Unit. This instrument has been filed with the United States Geological Survey.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick

T. W. Bittick
Area Landman
Lease Department

TWB/ROB/mas
Enclosures
cc: Attached List

Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. W. H. Sparks
General American Oil Co.
1404 Republic Bank Building
Dallas, Texas

Mr. C. F. Bedford
Stanolind Oil & Gas Co.
Oil & Gas Building
Fort Worth, Texas

Mr. J. P. Moroney
Colorado Oil & Gas Corporation
Colorado Springs, Colorado

Mr. Donald Anderson
Malco Refineries, Inc.
Box 660
Roswell, New Mexico

Mr. Mike Abraham
814 Mercantile Bank Building
Dallas, Texas

Mr. Paul Neuenschwander
Southern Petroleum Exploration
Box 192
Sistersville, West Virginia

Miss Lona L. Bingham
Box 606
Iraan, Texas

Mr. Thomas F. Harrington
320 Korber Building
Albuquerque, New Mexico

Mr. Joe Quinn
Box 335
Santa Fe, New Mexico

Mr. Pablo Candelaria
Aztec, New Mexico

Mr. Sam Dazzo
Room 624
First National Bank Building
Albuquerque, New Mexico

Mr. J. R. Abercrombie
P. O. Box 335
Santa Fe, New Mexico

Mr. M. A. Romero
P. O. Box 2011
Santa Fe, New Mexico

Mrs. Omega E. Quinn
Box 896
Albuquerque, New Mexico

Mr. Robert P. Tinnin
P. O. Box 896
Albuquerque, New Mexico

Mr. N. B. Stern
La Fonda Hotel
Santa Fe, New Mexico

Mr. H. O. Pool
P. O. Box 1150
Plainview, Texas

Mr. James A. Brown
14 Axtell Drive
Scarsdale, New York

Mrs. Evelyn G. Brown
14 Axtell Drive
Scarsdale, New York

Mr. James A. Brown, Co-Trustee
for Evelyn Ellen Wallace
14 Axtell Drive
Scarsdale, New York

Mrs. Evelyn Ellen Wallace,
Co-trustee for Evelyn Ellen Wallace
14 Axtell Drive
Scarsdale, New York

Mr. Forrest B. Miller
220 Shelby Street
Santa Fe, New Mexico

Mr. W. E. Alsup
1247 Shafter Street
San Mateo, California

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Pl. 7, 9, 10, 12

ADDRESS

Box 896
Albuquerque, N.M.

SIGNATURE

George E. Quinn

Date: _____

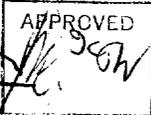
Date: _____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY

By *[Signature]*
Vice President

WORKING INTEREST OWNER
APPROVED AND CONSENTED TO:
STANOLIND OIL AND GAS COMPANY
WORKING INTEREST OWNER

[Signature]
Vice President



APPROVED AND CONSENTED TO:
GENERAL AMERICAN OIL COMPANY OF TEXAS

By *[Signature]*
Vice President

WORKING INTEREST OWNER

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ 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 _____ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____ and _____ his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

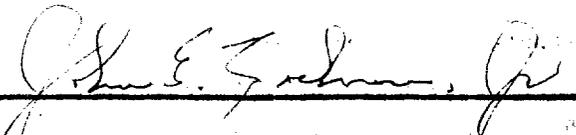
STATE OF NEW MEXICO)
COUNTY OF EDDY) SS.:

On this 8th day of July, 195³____, before me personally

appeared Omega E. Quinn _____, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that _____ s he executed the same as _____ her free act and deed.

My Commission expires:

May 12, 1957



Notary Public in and for _____
Eddy County,
State of New Mexico

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
_____ 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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF NEW MEXICO)
COUNTY OF LEFOY) SS.:

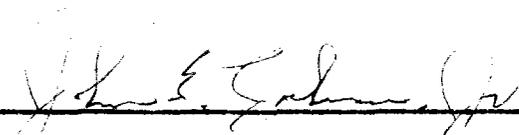
On this 8th day of July, 195³, before me appeared

W. E. Alsop and Caroline J. Alsop

his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

May 12, 1937



Notary Public in and for _____
LeFoy County,
State of ~~New Mexico~~ _____

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of BIO ARRIBA COUNTY State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Jan. 7, 9, 10, 12

ADDRESS
220 Shelby Street
Santa Fe, New Mexico

SIGNATURE
[Signature]
Catherine B. McElvain

Date: _____

220 Shelby Street
Santa Fe, New Mexico

[Signature]
Mabelle M. Miller

Date: _____

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By *[Signature]*
 Vice President

APPROVED AND CONSENTED TO:
 GENERAL AMERICAN OIL COMPANY OF TEXAS
 By *[Signature]*
 Vice President

WORKING INTEREST OWNER
 APPROVED AND CONSENTED TO:
 STANOLIND OIL AND GAS COMPANY
 WORKING INTEREST OWNER
 By *[Signature]*
 Vice President

WORKING INTEREST OWNER

APPROVED
[Signature]
[Signature]

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF NEW MEXICO)
COUNTY OF EDDY) SS.:

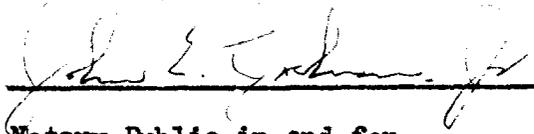
On this 3th day of July, 1953, before me appeared

T. H. McElvain and Catherine B. McElvain

his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

May 12, 1957


Notary Public in and for _____
Eddy County,
State of New Mexico

STATE OF NEW MEXICO)
COUNTY OF EDDY) SS

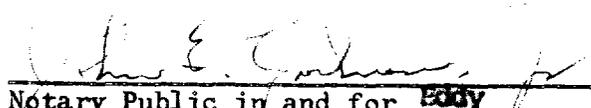
On this 3th day of July, 1953, before me
personally appeared Forrest B. Miller and Mabelle M. Miller, his wife,

to me known to be the person * described in and who executed the foregoing
instrument, and acknowledged that they executed the same as their free
act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate above written.

My commission expires:

May 12, 1957


Notary Public in and for Eddy
County, State of New Mexico

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
_____ 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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

STATE OF Texas)
COUNTY OF Hale) SS.:

On this 9th day of July, 195³, before me appeared

H. O. Pool and Thelma K. Pool
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

June 1, 1955



Notary Public in and for Hale
_____ County,
State of Texas

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

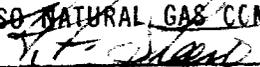
RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

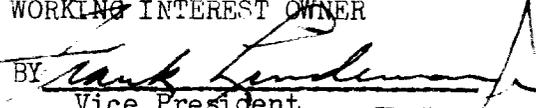
This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Jan. 7, 8, 10, 12

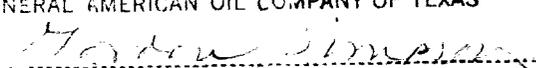
<u>ADDRESS</u>	<u>SIGNATURE</u>
Box 1150	
Plainview, Texas	<i>Thelma K Paal</i>
Date: _____	_____
_____	_____
Date: _____	_____

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By 
Vice President

WORKING INTEREST OWNER
APPROVED AND CONSENTED TO:
STANOLIND OIL AND GAS COMPANY
WORKING INTEREST OWNER

BY 
Vice President

APPROVED AND CONSENTED TO:
GENERAL AMERICAN OIL COMPANY OF TEXAS

By 
Vice President

WORKING INTEREST OWNER

APPROVED
[Signature]

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

7, 9, 10, 12

ADDRESS
P. O. Box 335,
Santa Fe, N.M.

SIGNATURE
J. R. Alcorn
Dorothy Dick Alcorn

Date: _____

P. O. Box 335
Santa Fe N.M.

Guinn
Kathleen Guinn

Date: _____

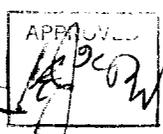
APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By [Signature]
 Vice President

APPROVED AND CONSENTED TO:
 GENERAL AMERICAN OIL COMPANY OF TEXAS
 By [Signature]
 Vice President

WORKING INTEREST OWNER
 APPROVED AND CONSENTED TO:
 STANOLIND OIL AND GAS COMPANY
 WORKING INTEREST OWNER

WORKING INTEREST OWNER:

[Signature]
 Vice President



STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

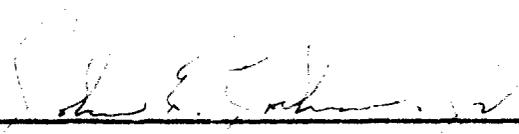
STATE OF NEW MEXICO)
) SS.:
COUNTY OF EDDY)

On this 8th day of July, 1953, before me appeared

J. R. Abercrombie and Dorothy Dick Abercrombie
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

May 12, 1957



Notary Public in and for _____
Eddy County,
State of New Mexico

STATE OF NEW MEXICO)
) SS
COUNTY OF EDDY)

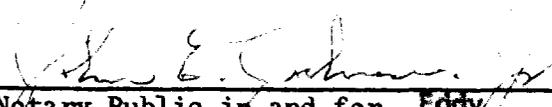
On this 8th day of July, 1953, before me
personally appeared Joe Quinn and Kathleen Quinn, his wife,

to me known to be the person s described in and who executed the foregoing
instrument, and acknowledged that they executed the same as their free
act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate above written.

My commission expires:

May 12, 1957



Notary Public in and for Eddy
County, State of New Mexico

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

St. 7, 9, 12, 13

ADDRESS
14 Acton Drive
Scarsdale, New York

Date: _____

SIGNATURE
James Brown
Mary Ellen Brown Wife
Evelyn B. Brown Widow

James Brown Co-Trustee for
Evelyn Ellen Wallace

Date: _____

Evelyn Ellen Wallace Co-Trustee for Evelyn Ellen
Wallace

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By *[Signature]*
 Vice President

WORKING INTEREST OWNER
 APPROVED AND CONSENTED TO:
 STANOLIND OIL AND GAS COMPANY
 WORKING INTEREST OWNER

By *[Signature]*
 Vice President



APPROVED AND CONSENTED TO:
 AMERICAN OIL COMPANY OF TEXAS
[Signature]
 Vice President

WORKING INTEREST OWNER

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ 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 _____ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF NEW YORK)
COUNTY OF WESTCHESTER) SS.:

On this 31st day of July, 195³, before me appeared

James A. Brown and Mary Ellen Brown

his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

Henry B. Schindler

HENRY B. SCHINDLER
Notary Public, State of New York
No. 4134775
Qualified in Westchester County
Term Expires March 30, 1955

Notary Public in and for _____
County,
State of _____

STATE OF NEW YORK)
COUNTY OF WESTCHESTER) SS.:

On this 31st day of July, 195³, before me personally Evelyn Ellen Wallace Co-Trustee for appeared Evelyn Ellen Wallace, a single person, and Evelyn G. Brown, a widow, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that they ~~has~~ executed the same as their free act and deed.

My Commission expires:

HENRY B. SCHINDLER
Notary Public, State of New York
No. 4134775
Qualified in Westchester County
Term Expires March 30, 1955

Henry B. Schindler

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Tr. 7, 9, 10, 12

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>P. O. Box 2011</u>	<u><i>[Signature]</i></u>
<u>Santa Fe, New Mexico</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>

Date: _____

<u><i>[Signature]</i></u>	<u><i>[Signature]</i></u>
<u>_____</u>	<u>_____</u>

Date: _____

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By *[Signature]*
 Vice President

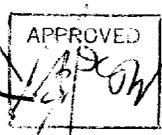
WORKING INTEREST OWNER
 APPROVED AND CONSENTED TO:
 STANOLIND OIL AND GAS COMPANY
 WORKING INTEREST OWNER

BY *[Signature]*
 Vice President

APPROVED AND CONSENTED TO:
 GENERAL AMERICAN OIL COMPANY OF TEXAS

By *[Signature]*
 Vice President

WORKING INTEREST OWNER



STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF NEW MEXICO)
COUNTY OF EDDY) SS.:

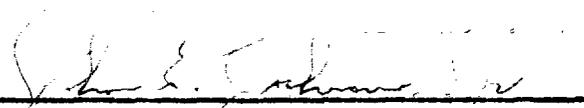
On this 8th day of July, 195³, before me appeared

M. A. Romero and Alicia V. Romero

his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

May 12, 1957



Notary Public in and for _____
Eddy County,
State of New Mexico

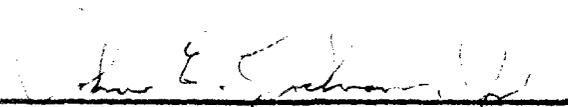
STATE OF NEW MEXICO)
COUNTY OF EDDY) SS.:

On this 8th day of July, 195³, before me personally

appeared N. B. Stern, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as his free act and deed.

My Commission expires:

May 12, 1957



Notary Public in and for _____
Eddy County,
State of New Mexico

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

pp. 7, 9, 10, 12

ADDRESS

SIGNATURE

7. 2. 1964, 1964, 1964, 1964, 1964.

R P Timmer
Frances Timmer

Date: 12/2/64

Date: _____

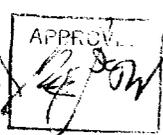
APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By At-Allen
Vice President

APPROVED AND CONSENTED TO:
GENERAL AMERICAN OIL COMPANY OF TEXAS
By Gordon Simpson
Vice President

WORKING INTEREST OWNER
APPROVED AND CONSENTED TO:
STANOLIND OIL AND GAS COMPANY
WORKING INTEREST OWNER

WORKING INTEREST OWNER

By Frank Sundman
Vice President

APPROVED


STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
_____ 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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

STATE OF New Mexico)
) SS.:
COUNTY OF Bernalillo)

On this 16th day of April, 1954, before me appeared

E. P. Tinrin and Frances Tinrin
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

2-5-56

Pauline Davis

Notary Public in and for _____
Bernalillo County,
State of New Mexico

STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

STATE OF N)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF NEW MEXICO)
COUNTY OF RIO ARriba) SS.:

On this 22nd day of November, 1953, before me appeared

Jose Perfecto Esquibel and Maximiliano Esquibel, both single persons,
known to me to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

March 30, 1954

Charles S. Serna

Notary Public in and for _____
Santa Fe County,
State of New Mexico

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Pl. 23

ADDRESS

SIGNATURE

Tieria Amarella, New Mexico

Honorata P. X. Esquivel
mark

Date: Oct 3, 1953

Date: _____

APPROVED AND CONSENTED TO:
STANOLIND OIL AND GAS COMPANY
BY [Signature]
Vice President

WORKING INTEREST OWNER

APPROVED
[Signature]

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By [Signature]
Vice President

WORKING INTEREST OWNER

STATE OF _____ }
COUNTY OF _____ } SS.:

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ 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 _____ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF *New Mexico* }
COUNTY OF *Rio Arriba* } SS.:

On this 3rd day of October, 1953, before me appeared

Honorata L. Esquivel, a widow
and
~~his wife~~, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

3/30/54

Claudio S. Sena
Notary Public in and for _____
Santa Fe County,
State of New Mexico

STATE OF _____ }
COUNTY OF _____ } SS.:

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 27 - 5 Unit Area located within the County of RIO ARRIBA State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Fr. 18, 20, 23

ADDRESS

SIGNATURE

356 Garcia Street

Santa Fe, New Mexico

Manuel A. Sanchez

Amalia S. Sanchez

Date: April 20, 1954

Date: _____

APPROVED AND CONSENTED TO:

EL PASO NATURAL GAS COMPANY

By *H. T. Sloan*

Vice President

WORKING INTEREST OWNER

APPROVED AND CONSENTED TO:

STANOLIND OIL AND GAS COMPANY

BY *Frank J. ...*

Vice President

WORKING INTEREST OWNER

APPROVED
[Signature]

STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me appeared

_____, to me personally known, who, being
by me duly sworn, did say that he is the _____ President of _____
_____ 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 _____ acknowledged said instrument to be
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

STATE OF NEW MEXICO)
) SS.:
COUNTY OF SANTA FE)

On this 20th day of April, 1954, before me appeared

Manuel A. Sanchez and Analia S. Sanchez
his wife, to me known to be the persons described in and who executed the fore-
going instrument, and acknowledged to me they executed the same as their free act
and deed.

My Commission expires:

Feb. 17, 1955

E. J. Franke

Notary Public in and for _____
Santa Fe County,
State of New Mexico

STATE OF)
) SS.:
COUNTY OF)

On this _____ day of _____, 195____, before me personally

appeared _____, a single person, to me known to be
the person described in and who executed the foregoing instrument, and acknowledged
to me that _____ he executed the same as _____ free act and deed.

My Commission expires:

Notary Public in and for _____
_____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said _____, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS A. B. 11

PO Box 335
Arriba Fe, N.M.

SIGNATURE

J. R. Abercrombie
Dorothy Dick Abercrombie

Date: _____

PO Box 335
Arriba Fe, N.M.

Kathleen Quinn

Date: _____

STATE OF NEW MEXICO)
 COUNTY OF EDDY)

SS.

On this 8th day of July, 19 53, before me personally appeared J. R. Abercrombie and Dorothy Dick Abercrombie, his wife, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]
 Notary Public in and for Eddy
 County, State of New Mexico

My commission expires:
May 12, 1957

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By [Signature]
 Vice President
 UNIT OPERATOR

STATE OF NEW MEXICO)
COUNTY OF EDDY)

SS

On this 8th day of July, 19 53, before me personally appeared Joe Quinn and Kathleen Quinn, his wife,

to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

May 12, 1957

Notary Public in and for Eddy
County, State of New Mexico

**RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARriba COUNTY NEW MEXICO**

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

P. O. Box 2011
Santa Fe, New Mexico

MAR

Date: _____

In Jesus Santa Fe NM

W. B. Stern

Date: _____

STATE OF NEW MEXICO)
COUNTY OF EDDY)

SS.

On this 8th day of July, 19 53, before me personally appeared M. A. Romero and Alicia V. Romero, his wife, to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]
Notary Public in and for Eddy
County, State of New Mexico

My commission expires:
May 12, 1957

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By *[Signature]*
Vice President
UNIT OPERATOR

STATE OF NEW MEXICO
COUNTY OF EDDY

SS

On this 8th day of July, 1953, before me
personally appeared N. B. Stern, a single person,

to me known to be the person described in and who executed the foregoing
instrument, and acknowledged that he executed the same as his free
act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate above written.

My commission expires:

May 12, 1957


Notary Public in and for Eddy
County, State of New Mexico

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

1247 Shafter Street

W. E. Alsup

San Mateo, California

Caroline J. Alsup

Date: _____

Date: _____

STATE OF NEW MEXICO)
)
 COUNTY OF EDDY)

SS.:

On this 8th day of July, 1953, before me personally appeared W. E. Alsup and Caroline J. Alsup, his wife, to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:
May 12, 1957

J. E. Johnson, Jr.
 Notary Public in and for
Eddy County, State of
New Mexico

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By *H. E. Deas*
 Vice President
 UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

Box 896

Albuquerque, New Mexico

Omega E. Quinn

Date: _____

Date: _____

STATE OF NEW MEXICO)
) SS.:
 COUNTY OF EDDY)

On this 8th day of July, 1953, before me personally appeared Omega E. Quinn, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:
May 12, 1957

John E. Cochran, Jr.
 Notary Public in and for
Eddy County, State of
New Mexico

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By [Signature]
 Vice President

UNIT OPERATOR

STATE OF NEW MEXICO)
COUNTY OF EDDY) SS

On this 8th day of July, 19 53, before me personally appeared Forrest E. Miller and Mabelle M. Miller, his wife,

to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

May 12, 1957

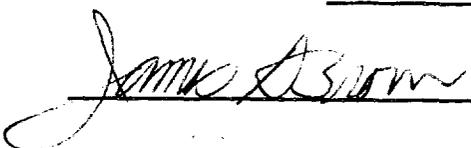
John E. Cochran, Jr.
Notary Public in and for Eddy
County, State of New Mexico

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

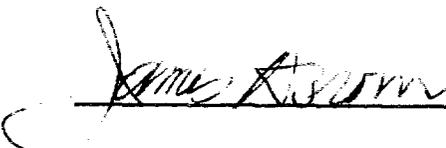
In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS
14 Arden Drive
Scarsdale, New York

SIGNATURE

Mary Ellen Brown Wife
Evelyn G. Brown Widow

Date: _____

 Co-Trustee for
 Evelyn Ellen Wallace

Date: _____


 Co-Trustee for Evelyn Ellen
 Wallace

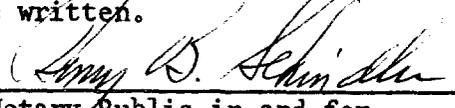
STATE OF NEW YORK)
)
 COUNTY OF WESTCHESTER)

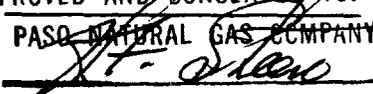
SS.:

On this 31st day of July, 1953, before me, Evelyn Ellen Brown personally appeared James A. Brown, Mary Ellen Brown, Evelyn G. Brown & Evelyn Ellen Brown to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:


 Notary Public in and for _____
 County, State of _____

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By 
 Vice President
 UNIT OPERATOR

HENRY B. SCHINDLER
 Notary Public, State of New York
 No. 60-3499875
 Qualified in Westchester County,
 Term Expires March 30, 1955

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

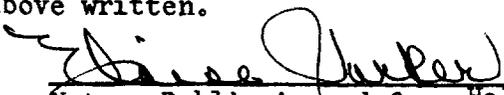
<u>ADDRESS</u>	<u>SIGNATURE</u>
Box 1150	
Plainview, Texas	Thelma K. Pool
Date: _____	_____
Date: _____	_____

STATE OF Texas)
 COUNTY OF Hale) SS.:

On this 9th day of July, 1953, before me personally appeared H. O. Pool and wife, Thelma K. Pool to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires: June 1, 1955


 (Notary Public in and for Hale County, State of Texas)

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By [Signature]
 Vice President
 UNIT OPERATOR

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 28-5 Unit RIO ARriba COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 28-5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

4. L. Box 136

R P Timmer

2125 S. 1st St., Las Alamos

Frances Timmer

Date: 6/24/56

Date: _____

STATE OF New Mexico)
 COUNTY OF Bernalillo)

SS.:

On this 4th day of June, 1956, before me personally appeared R P Timmer and Frances Timmer to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires: 6-30-56

Pauline Bever
 Notary Public in and for Bernalillo
New Mexico County, State of New Mexico

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By [Signature]
 Vice President
 UNIT OPERATOR

MAIN OFFICE OCC

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

10 May 1954

1954 MAY 17 AM 10:05

Handwritten notes:
File
check
5/10/54

Director
United States Geological Survey
Department of the Interior
Washington, D. C.

Commissioner of Public Lands of
the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of
the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 27-5
Supplementary pages for
Exhibit "B"

Gentlemen:

Within the last week a great deal of additional information affecting interests in the above noted Unit have made it necessary to again disseminate to you revised pages to be inserted in the copy of Exhibit "B" for this Unit that you now possess.

Enclosed herewith are pages 4, 5, 6, 7, 8, 9 and 10 bearing the revision date of 7 May 1954. In order that your Exhibit "B" will reflect the current status of this unit please remove from it pages No. 4, 5, 6, 7, 8, 9 and 10 and insert in place thereof the enclosures to this letter.

Yours very truly,

EL PASO NATURAL GAS COMPANY

By Thomas E. Allin, Jr.
Thomas E. Allin, Jr.
Lease Department

TEA, Jr/mas
cc: Attached List

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

Aztec New Mexico

Pablo Candalaria

Date: June 12, 1954

Aztec New Mexico

Eulogia Candalaria

Date: June 12 - 1954

STATE OF _____)
 COUNTY OF _____) SS.:

On this 12th day of June, 1954, before me personally appeared Pablo Candalaria & Eulogia Candalaria, his wife to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:
Oct 27 1955

Albert C. Jaquez
 Notary Public in and for San Juan County, State of New Mex.

APPROVED AND CONSENTED TO:
 EL PASO NATURAL GAS COMPANY
 By H. F. Steen
 Vice President
 UNIT OPERATOR

EXHIBIT "B"
 Schedule Showing the Percentage and Kind of Ownership of Oil and Gas
 Interests in All Lands in the San Juan 27-5 Unit Agreement

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty or Application	Record Owner of Lease or Application	Overriding Royalty and Percentage	Owner	Working Interest Owner Under	
								Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
<u>FEDERAL LANDS</u>									
<u>T. 27 N., R. 5 W.</u>									
1	Sec. 30, Lots 2, 3, 4, E $\frac{1}{4}$ W $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$	1079.09	S.F. 079367 8-1-48	U.S.A. 12 $\frac{1}{2}$ %	Mike Abraham ($\frac{1}{2}$) M. E. Wilson ($\frac{1}{2}$)	0.00150	F.P. Hamrah E.L. Meadows & John C. Meadows Albert Ochsner Riasan Co. Mike Abraham	Gas Rights before payout: El Paso Natural Gas Co. ALL Oil Rights before payout: General American Oil Co. ALL Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6	Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
2	Sec. 7, ALL Sec. 8, ALL Sec. 9, ALL Sec. 18, ALL	2563.12	S.F. 079391 7-1-48	U.S.A. 12 $\frac{1}{2}$ %	T. H. Harrington ($\frac{1}{2}$) M. E. Wilson ($\frac{1}{2}$)	0.00150 0.00075 0.00075 1.58333 3.16667 4.75300%	F.P. Hamrah E.L. Meadows & John C. Meadows Albert Ochsner Riasan Co. Mike Abraham	Gas Rights before payout: El Paso Natural Gas Co. ALL Oil Rights before payout: General American Oil Co. ALL Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6	Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner or Application	Lease	Overriding Royalty Owner and Percentage	Working Interest Owner under Option Agreement, Operating Agreement or Assignment and Percentage of Interest	
<u>Federal Lands (continued)</u>									
<u>T. 27 N., R. 5 W.</u>									
3	Sec. 17, All Sec. 19, All Sec. 20, All Sec. 28, NW $\frac{1}{4}$ Sec. 29, N $\frac{1}{2}$, SW $\frac{1}{4}$	2561.76	S.F. 079392 7-1-48	U.S.A. 12 $\frac{1}{2}$ % All	T. H. Harrington M. E. Wilson	($\frac{1}{2}$) ($\frac{1}{2}$)	F.P. Hamrah E.L. Meadows & John C. Meadows Albert Ochsner Riasan Co. Mike Abraham	0.00150 0.00075 0.00075 1.58333 3.16667 4.75300%	<u>Gas Rights before payout:</u> El Paso Natural Gas Co. All <u>Oil Rights before payout:</u> General American Oil Co. All <u>Gas Rights after payout:</u> El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 <u>Oil Rights after payout:</u> General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
4	Sec. 3, Lots 2,3,4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$ Sec. 4, All Sec. 5, All Sec. 6, All	2520.39	S.F. 079393 7-1-48	U.S.A. 12 $\frac{1}{2}$ % All	T.H. Harrington General American Oil Co.	($\frac{1}{2}$) ($\frac{1}{2}$)	F.P. Hamrah E.L. Meadows & John C. Meadows Albert Ochsner T.H. Harrington	0.00150 0.00075 0.00075 2.49700 2.50000%	<u>Gas Rights before payout:</u> El Paso Natural Gas Co. All <u>Oil Rights before payout:</u> General American Oil Co. All <u>Gas Rights after payout:</u> El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 <u>Oil Rights after payout:</u> General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6

7 April 1954

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>Federal Lands (continued)</u>							
<u>T. 27 N., R. 5 W.</u>							
5	Sec. 21, N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	2560.00	S.F. 079394 7-1-48	U.S.A. 12 $\frac{1}{2}$ %	T.H. Harrington M.E. Willson (1/2)	F.P. Hamrah E.L. Meadows & John C. Meadows Albert Ochsner Riasan Co. Mike Abraham 0.00150 0.00075 0.00075 1.91666 2.83334 4.75300%	Gas Rights before payout: El Paso Natural Gas Co. All Oil Rights before payout: General American Oil Co. All Gas Rights after payout: El Paso Natural Gas Co. 3/8 General American Oil Co. 1/8 Mike Abraham 2/6 Riasan Co. 1/6 Oil Rights after payout: General American Oil Co. 1/2 Mike Abraham 2/6 Riasan Co. 1/6
6	Sec. 15, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 22, W $\frac{1}{2}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 27, E $\frac{1}{2}$	1000.00	S.F. 079403 4-1-48	U.S.A. 12 $\frac{1}{2}$ %	Thomas F. Harrington	Brookhaven Oil Co. 5% Foster Morrell 5% Chas. C. Harlan, Jr. 1 $\frac{1}{4}$ %	Thomas F. Harrington All
7	Sec. 1, All Sec. 10, All Sec. 11, All Sec. 12, All	2560.36	S.F. 079491 11-1-48	U.S.A. 12 $\frac{1}{2}$ %	Vance W. McKanus	Joe Quinn .131 Omega E. Quinn .098 Robert P. Timmin .033 N. B. Stern .263 H. O. Pool .263 Evelyn G. Brown & James Algernon Brown Executors of the estate of Algernon W. Brown, deceased .263 J. R. Abercrombie .263 T. H. McElvain .438 W. E. Alsup .218 Forrest B. Miller .218 M. A. Romero .312	Stanolind Oil and Gas Company All
						<u>2.500%</u>	

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
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Federal Lands (continued)
T. 27 N. 5 R. 5 W.

8	Sec. 25, NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$	200.00	S.F. 079492 11-1-48	U.S.A. 12 $\frac{1}{2}$ % All	Joe Quinn	Waymon Peavy	2.614% M. A. Romero Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn Ellen Wallace and James Algernon Brown, Trustees under the Last Will and Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie	12.5000% 5.2500% 3.9375% 1.3125% 10.5000% 10.5000% 10.5000%
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9	Sec. 13, E $\frac{1}{2}$, NW $\frac{1}{4}$ Sec. 14, All Sec. 15, N $\frac{1}{2}$	1440.00	S.F. 079492-A 11-1-48	U.S.A. 12 $\frac{1}{2}$ % All	Albert M. Senter, Jr.	Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn G. Brown & James Algernon Brown Executors of the es- tate of Algernon W. Brown, deceased. J. R. Abercrombie T. H. McElvain W. E. Alsup Forrest B. Miller M. A. Romero	.131 .098 .033 .263 .263 .263 Stanolind Oil and Gas Co.	All
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Revised to
7 May 1954

2.500%
31%

Working Interest Owner Under
Option Agreement, Operating
Agreement or Assignment and
Percentage of Interest

Federal Lands (continued)
T. 27 N., R. 5 W.

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
10	Sec. 23, E $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24, W $\frac{1}{2}$, N $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	920.00	S.F. 079492-B 11-1-48	U.S.A. 12 $\frac{1}{2}$ %	W. H. Sparks	M. A. Romero Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn Ellen Wallace & James Algernon Brown Trustees under the Last Will and Testament of Algernon W. Brown, deceased, & Evelyn G. Brown & James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie	Gas Rights before payout: El Paso Natural Gas Co. Oil Rights before payout: General American Oil Co. Gas Rights after payout: El Paso Natural Gas Co. General American Oil Co. O.R.I. Owners in % shown Oil Rights after payout: General American Oil Co. O.R.I. Owners in % shown
						.547 .230 .173 .057 .459 .459	ALL ALL ALL ALL 56.25% 18.75% 25.00% 75.00% 25.00%
11	Sec. 25, NW $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$, W $\frac{1}{2}$	440.00	S.F. 079493 12-1-48	U.S.A. 12 $\frac{1}{2}$ %	Joe Quinn	Waymon Peavy	M. A. Romero Joe Quinn Omega E. Quinn Robert P. Timmin N. B. Stern H. O. Pool Evelyn Ellen Wallace and James Algernon Brown, Trustees under the Last Will and Testament of Algernon W. Brown, deceased, & Evelyn G. Brown and James Algernon Brown Forrest B. Miller W. E. Alsup T. H. McElvain J. R. Abercrombie
						2.614%	12.5000% 5.2500% 3.9375% 1.3125% 10.5000% 10.5000%

Revised to
7 May 1954

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>Federal Lands (continued)</u>							
<u>T. 27 N., R. 5 W.</u>							
12	Sec. 26, NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$	960.00	S.F. 079493-A 12-1-48	U.S.A. 12 $\frac{1}{2}$ %	W. H. Sparks		
	Sec. 35, All			All			
						M. A. Romero	Gas Rights before payout:
						Joe Quinn	El Paso Natural Gas Co.
						Omega E. Quinn	Oil Rights before payout:
						Robert P. Tinnin	General American Oil Co.
						N. B. Stern	Gas Rights after payout:
						H. O. Pool	El Paso Natural Gas Co.
						Evelyn Ellen Wallace	General American Oil Co.
						& James Algernon Brown	O.R.I. Owners in % shown
						Trustees under the	Oil Rights after payout:
						Last Will and Testament of Algernon W. Brown, deceased, & Evelyn G. Brown &	General American Oil Co.
						James Algernon Brown	O.R.I. Owners in % shown
						Forrest B. Miller	
						W. E. Alsup	
						T. H. McElvain	
						J. R. Abercrombie	
							<u>.459</u>
							4.375%

12 FEDERAL LAND TRACTS - 18,804.72 acres

Tract No.	Description	No. of Acres	Serial No. and Lease Date	Land Owner Percentage of Royalty	Record Owner of Lease or Application	Overriding Royalty Owner and Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>STATE LANDS</u>							
<u>T. 27 N., R. 5 W.</u>							
13	Sec. 2, NE $\frac{1}{4}$, SE $\frac{1}{4}$ Sec. 16, NW $\frac{1}{4}$ Sec. 32, W $\frac{1}{2}$ Sec. 36, NE $\frac{1}{4}$	960.04	State NM E-290-3 5-2-45 10 yrs	State NM 12 $\frac{1}{2}$ % All	Southern Petroleum Exploration, Inc.	None	Southern Petroleum Exploration, Inc. All
14	Sec. 2, NW $\frac{1}{4}$ Sec. 16, N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 32, SE $\frac{1}{4}$ Sec. 36, S $\frac{1}{2}$ NW $\frac{1}{4}$	479.40	State NM E-290-6 5-2-45 10 yrs	State NM 12 $\frac{1}{2}$ % All	Malco Refineries, Inc.	None	Malco Refineries, Inc. All
15	Sec. 2, SW $\frac{1}{4}$ Sec. 16, S $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ Sec. 32, NE $\frac{1}{4}$ Sec. 36, N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$	960.00	State NM E-290-19 5-2-45 10 yrs	State NM 12 $\frac{1}{2}$ % All	Colorado Oil and Gas Corporation	None	Colorado Oil and Gas Corporation All
16	Sec. 36, SE $\frac{1}{4}$	160.00	State NM E-6833-2 12-23-52 10 yrs	State NM 12 $\frac{1}{2}$ % All	Lona L. Bingham	None	Lona L. Bingham All

4 STATE LAND TRACTS - 2,599.44 acres

Tract No.	Description	No. of Acres	Land Owner and Percentage of Royalty	Lessee and Date of Lease	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment Percentage of Interest
<u>PATENTED LANDS</u>						
<u>T. 27 N., R. 5 W.</u>						
17	Sec. 3, Lot 1	39.56	Russell Ernest Arnold & Clara Arnold	Stanclind Oil & Gas Co. 4-12-48 10 yrs	None	Stanclind Oil and Gas Co. ALL
18	Sec. 13, SW $\frac{1}{4}$	160.00	Carroll T. Payne Horace F. McKay, Jr.) 3.125%	Thomas F. Harrington 8-13-53 2 yrs	Manuel Sanchez Edna E. Morrell Chas. C. Harlan, Jr.) 1 $\frac{1}{4}$ % 1% 1 $\frac{1}{4}$ %	Thomas F. Harrington 1/2 El Paso Natural Gas Co. 1/2
* 19	Sec. 15, E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 22, E $\frac{1}{2}$ NE $\frac{1}{4}$	160.00	Pablo Candelaria	Frances Joy Dazzo 8-12-53 2 yrs	Edna E. Morrell Chas. C. Harlan, Jr.) 5% 1 $\frac{1}{4}$ %	Frances Joy Dazzo ALL <u>Interests after payout:</u> Frances Joy Dazzo 79.2% Pablo Candelaria 20.8%
20	Sec. 21, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	160.00	Jose Perfecto Esquibel) Maximiliano Esquibel) 12 $\frac{1}{2}$ %	El Paso Natural Gas Co. 10-3-53 5 yrs	Manuel Sanchez Edna E. Morrell Chas. C. Harlan, Jr.) 2 $\frac{1}{2}$ % 2% 1 $\frac{1}{2}$ %	El Paso Natural Gas Co. ALL
* 21	Sec. 22, N $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23, NW $\frac{1}{4}$ SW $\frac{1}{4}$	160.00	Pablo Candelaria	Frances Joy Dazzo 8-12-53 2 yrs	Edna E. Morrell Chas. C. Harlan, Jr.) 5% 1 $\frac{1}{4}$ %	Frances Joy Dazzo ALL <u>Interests after payout:</u> Frances Joy Dazzo 79.2% Pablo Candelaria 20.8%
* 22	Sec. 23, NW $\frac{1}{4}$	160.00	Pablo Candelaria	Frances Joy Dazzo 8-12-53 2 yrs	Edna E. Morrell Chas. C. Harlan, Jr.) 5% 1 $\frac{1}{4}$ %	Frances Joy Dazzo ALL <u>Interests after payout:</u> Frances Joy Dazzo 79.2% Pablo Candelaria 20.8%

* Lands under Tracts 19, 21, 22, 24, and 25 now included in a single lease

Revised to
7 May 1954

Tract No.	Description	No. of Acres	Land Owner and Percentage of Royalty	Lessee and Date of Lease	Overriding Royalty Owner & Percentage	Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest
<u>Patented Lands (continued)</u>						
<u>T. 27 N., R. 5 W.</u>						
23	Sec. 24, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$	160.00	Honorata L. Esquibel Manuel A. Sanchez 6.25%	Stanolind Oil and Gas Co., 12-24-52 5 yrs	None	Stanolind Oil and Gas Co. ALL
* 24	Sec. 26, S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$	160.00	Pablo Candelaria 12 $\frac{1}{2}$ %	Frances Joy Dazzo 8-12-53 2 yrs	Edna E. Morrell Chas. C. Harlan, Jr. 1 $\frac{1}{4}$ %	Frances Joy Dazzo <u>Interests after payout:</u> Frances Joy Dazzo Pablo Candelaria 20.8%
* 25	Sec. 26, SE $\frac{1}{4}$	160.00	Pablo Candelaria 12 $\frac{1}{2}$ %	Frances Joy Dazzo 8-12-53 2 yrs	Edna E. Morrell Chas. C. Harlan, Jr. 1 $\frac{1}{4}$ %	Frances Joy Dazzo <u>Interests after payout:</u> Frances Joy Dazzo Pablo Candelaria 79.2% 20.8%
26	Sec. 29, SE $\frac{1}{4}$	160.00	Pablo Candelaria 12 $\frac{1}{2}$ %	Thomas F. Harrington 7-6-53 2 yrs.	Foster Morrell Chas. C. Harlan, Jr. 1 $\frac{1}{4}$ %	Thomas F. Harrington ALL
27	Sec. 30, Lot 1	40.27	Lucas Martinez 12 $\frac{1}{2}$ %	Stanolind Oil and Gas Co. 12-15-47 10 yrs	None	Stanolind Oil and Gas Co. ALL
28	Sec. 30, S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 31, W $\frac{1}{2}$ NE $\frac{1}{4}$	160.00	Horace F. McKay, Jr. Caroll T. Payne 6.25%	Thomas F. Harrington 8-20-51 5 yrs	Foster Morrell Chas. C. Harlan, Jr. 1 $\frac{1}{4}$ %	Thomas F. Harrington ALL

* Lands under Tracts 19, 21, 22, 24, and 25 now included in a single lease

12 PATENTED LAND TRACTS - 1,679.83 acres

EXHIBIT "B"
San Juan 27-5 Unit Agreement

RECAPITULATION

	<u>Number of Tracts</u>	<u>Acreage</u>	<u>Percentage</u>
Federal Land	12	18,804.72	81.60
State Land	4	2,559.44	11.11
Patented Land	12	1,679.83	7.29
	<u>28</u>	<u>23,043.99</u>	<u>100.00%</u>

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
SAN JUAN 27-5 UNIT AREA, RIO ARriba COUNTY, NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27-5 Unit Area, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>814 Mercantile Bank Building</u> <u>Dallas, Texas</u>	 <u>Mike Abraham</u>  <u>Rose Abraham (also known as</u> <u>Roseline Abraham)</u>
Date: _____ _____ _____	_____ _____ _____

STATE OF NEW MEXICO)
 COUNTY OF BERNALILLO) SS.

On this 16th day of May, 19 53, before me personally appeared Mike Abraham and Rose Abraham, his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.


Notary Public in and for Bernalillo
County, State of New Mexico

My commission expires:
1-24-54

**RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
SAN JUAN 27-5 UNIT, RIO ARriba COUNTY, NEW MEXICO**

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said SAN JUAN 27-5 UNIT in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

Tr. 16

ADDRESS
BOX 606, IRAN, TEXAS

SIGNATURE
Lona L. Bingham

Date: MAY 20, 1953

Date: _____

STATE OF NEW MEXICO)
COUNTY OF SANTA FE)

SS.

On this 20th day of May, 1953, before me personally appeared Lona L. Bingham, a single woman to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]
Notary Public in and for Santa Fe
County, State of N.M.

My commission expires:

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARriba COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

TR. 6, 28

ADDRESS

SIGNATURE

320 Korker Building

Thomas F. Harrington

Albuquerque, New Mexico

as his sole and separate estate

Date: July 29, 1953

Date: _____

STATE OF NEW MEXICO)
 COUNTY OF BERNALILLO) SS.:

On this 29th day of July, 1953, before me personally appeared THOMAS F. HARRINGTON to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:
1-9-1954

Ben Dazd
 Notary Public in and for Bernalillo
New Mexico County, State of _____

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said _____
San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

T. 8, 11

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>Box 335</u>	
<u>Santa Fe, New Mexico</u>	<u>Kathleen Quinn</u>
Date: <u>July 20, 1953</u>	

Date: _____

STATE OF New Mexico)
 COUNTY OF Santa Fe) SS.:

On this 20th day of July, 1953, before me personally appeared Mr. Quinn & Kathleen Quinn his wife to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires: _____
 my commission expires on 12, 1958

Helen Naultrop
 Notary Public in and for _____
Santa Fe County, State of _____
New Mexico

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER
 UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE
San Juan 27 - 5 Unit RIO ARriba COUNTY NEW MEXICO,

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said San Juan 27 - 5 Unit, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

<u>ADDRESS</u>		<u>SIGNATURE</u>
320 Norber Building	Tr. 26, 18	<i>Thomas F. Harrington</i>
Albuquerque, New Mexico		As his sole and separate estate
Date: August 13, 1953		<i>Joyce A. Harrington</i>
Date: _____		_____

STATE OF NEW MEXICO)
 COUNTY OF BERNALILLO) SS.:

On this 13 day of Aug, 1953, before me personally appeared THOMAS F. HARRINGTON and JOYCE A. HARRINGTON, to me known to be the person 0 described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires: 1-9-1954

Sam Dezzo
 Notary Public in and for _____
 County, State of _____