ع _ا د	ω	Federal T. 28 N
Sec. 12: Lots 1,2,3,5, 23 SW/4 SE/4, SE/4 SW/4 Sec. 13: Lots 1,2,3,4, NE/4 NW/4 Sec. 20: E/2 Sec. 21: NW/4 NE/4, S/2 NE/4, N/2 SE/4, SE/4 SE/4, NW/4 Sec. 22: E/2, S/2 NW/4, SW/4 Sec. 23: All	Sec. 24: Lot 1, NW/4 NE/4, N/2 NW/4	Description al Lands (Continued) N. R. 5 W.
2395.61 /4, /4,	171.89	Acres
S.F.079519-A 9-1-49 5 yrs.	S.F.079519 9-1-49 5 yrs.	Lease Date
U.S.A. 12½% All	123% All	of Royalty
W. H. Sparks	Frank Patania	or Application
Joe Quinn .5 Joe Quinn .2 Omega Quinn .1 Robert P.Tinnin .0 N.B. Stern .4 H.O. Pool .4 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will and Testament of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown .4	tion Co. wayman Ravy win G. WE88	and Percentage
.547% Gas Rights before payout: .230% El Paso Natural Gas Co193% Oil Rights before payout: .037% General American Oil Co459% El Paso Natural ce Gas Co459% El Paso Natural co General American Last Oil Co66. Oil Co67. Oil Rights after payout: .459% Co459% Co68. Oil Rights after payout: .459% Co69% Co600 Oil Rights after payout: .600 Oil Rights after payout: .600 Co600	Joe Quinn Omega Quinn Robert P.Tinnin Robert P.Tinnin H.O.Pool Evelyn Ellen Wallace & James Algernon Brown, deceased, and Evelyn G. Brown & James Algern Brown Forrest B.Miller W.E.Alsup T.H. McElvain J.R.Abercrombie	Percentage of Interest
70ut: 70ut: Co. A11 56.25% 18.75% 25.00% 25.00%	12.5000% 5.2500% 3.9375% 1.3125% 10.5000% 10.5000% own, Last of 0.5000% 8.7500% 8.7500% 10.5000%	1

Tract

Acres No. of

Percentage of Royalty Land Owner

Record Owner of Lease Overriding Royalty Owner or Application and Percentage

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

Page 2

Serial No.

ത		ບ າ	44	Tract No. Federal
Sec. 25: Lots 1,2,3,4, 1209.12 W/2 NE/4, NW/4, W/2 SW/4, SW/4 SE/4 Sec. 26: All		Sec. 24: Lots 2,3,4, 1156.47 SW/4 NE/4, S/2 NW/4, W/2 SE/4, SW/4 Sec. 27: All	(continued from page 2)	Description Acres
2 S.F. 079520-A 10-1-48 5 yrs.		7 S.F.079520 10-1-48 5 yrs.		Serial No. and Lease Date
A U.S.A. 122% All		U.S.A. 123% A11		Land Owner Percentage of Royalty
W.H. Sparks		Frank Patania		Record Owner of Lease or Application
M.A. Romero Joe Quinn Omega Quinn Robert P. Tinnin N. B. Stern H. O. Pool		Squire Production Co. wayned Flavy wom 6 WEBB	Forrest B.Miller W. E. Alsup T.H. McElvain J.R.Abercrombie	Overriding Royalty Owner and Percentage
. 230% . 193% . 037% . 459%		1.176 2.614 % 1.307 1.31	. 383% . 766% . 459% 4. 375%	Owner
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.56.25% General American Oil Co.18.75% O.R.I. Owners in % 25.00%	Evelyn Ellen Wailace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased and Evelyn G.Brown & James Algernon Brown Forrest B. Miller W.E. Alsup T.H. McElvain J.R. Abercrombie	M.A.Romero Joe Quinn Omega Quinn Robert P.Tinnin N.B. Stern H.O. Pool		Page 3 Working Interest Owner Unde Option Agreement, Operating Agreement or Assignment and Percentage of Interest
yout: Co. All Co. All Co. 56.25% Co.18.75%		12.5000% 5.2500% 3.9375% 1.3125% 10.5000%		age 3 Owner Under Operating Ignment and terest

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7 Sec. 32: A11	6 (Continued from Page 3)	Tract No. Description Federal Lands (Continued) T. 28 N. R. 5 W.	~
638.72		No. of Acres	
S.F. 079521 10-1-48 5 yrs.		Serial No. and Lease Date	
U.S.A. 123% All		Land Owner Percentage of Royalty	
Frank Patania		Record Owner of Lease or Application	
Trustees under the Last Will and Testament of Algernon W. Brown, decased, & Evelyn G. Brown & James Algernon Brown & James Algernon . 459% W. E. Alsup766% J.R. Abercrombie459% Squire Production Co		Overriding Royalty Owner and Percentage	
O.R.I. Owners in % shown 25 shown 25 shown 25 M.A. Romero 12 Joe Quinn 5 Omega Quinn 5 Omega Quinn 5 Omega Quinn 10 Robert P. Tinnin 1 N. B. Stern 10 H.O. Pool 1 10 Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, and Evelyn G. Brown & James Algernon Brown 10 Forrest B. Miller 8 W. E. Alsup 7 J.R. Abercrombie 17	s after merican	Porking Interest Option Agreement Agreement or Ass Percentage of In	
25.00% 25.00% 12.50009 12.50009 5.25009 5.25009 10.50009 10.50009 10.50009 10.50009 10.50009 10.50009 10.50009 10.50009	10	owner Under Owner Under Operating ignment and terest	

 (0	T. 28 N	Tract
Sec. 21: SW/4 SW/4 Sec. 33: Lots 1,2,3,4, N/2 S/2, E/2 NE/4, W/2 NW/4 Sec. 34: N/2, N/2 SE/4, Lot 2 Sec. 35: Lots 1,2,3, NE/4 SE/4, N/2 NE/4 Sec. 36: Lots 1,2,3,4,5,6, 7,8, W/2 NE/4, NW/4 N/2 SW/4, NW/4 SE/4 (A11)	Lands (Continued) N. R. 5 W. Sec. 28: SE/4 NE/4, SE/4 NW/4, W/2 NW/4, S/2 Sec. 29: A11 Sec. 30: S/2 S/2 Sec. 31: A11	
2002.16 E/4, /4 /4 /6, ,6, NW/4, SE/4	1919.28	No. of
S.F.079522 9-1-49 5 yrs.	S.F.079521-A 10-1-48 5 yrs.	Serial No. and Lease Date
U.S.A. 123% A11	123 All	Land Owner Percentage of Royalty
Pacific Northwest Pipeline Corp.	W. H. Sparks	Record Owner of Lease or Application
M.A. Romero .313% Joe Quinn .131% Omega Quinn .098% Robert P. Tinnin .098% N. B. Stern .263% H. O. Pool .263% Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown & James Algernon Brown & James Algernon .263	M.A. Romero .547% Joe Quinn .230% Omega Quinn .193% Robert P. Tinnin .037% N.B. Stern .459% H. O. Pool .459% Evelyn Ellen Wallace & James Algernon Brown, Trustees under the Last Will & Testament of Algernon W. Brown, deceased, & Evelyn G. Brown & James Algernon Brown & James Algernon Brown & James Algernon Brown & James Algernon Brown .459% W. E. Alsup .766% J.R. Abercrombie .459% 4.375%	Overriding Royalty Owner and Percentage
Pacific Northwest Pipeline Corp. Below MV Formation Stanolind Oil & Gas Co. All	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 Company 56.25% General American Oil Co. 18.75% O.R.I. Owners in % 25.00% Oil Rights after payout: General American Oil Co. 75.00% O.R.I. Owners in % 25.00% O.R.I. Owners in % 25.00% O.R.I. Owners in % 25.00%	Page 5 Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

14	13	12	11	10	ဖ	Federal T. 28 N	Tract
Sec. 14: S/2 Sec. 16: S/2	Sec. 13: SW/4, W/2 E/2, SE/4 NW/4 Sec. 15: SE/4, N/2 SW/4	Sec. 19: SW/4	Sec. 30: NW/4	Sec. 21: NE/4 NE/4	(Continued from Page 5)	N. R. 5 W.	
640.00	600.00	160.00	160.00	40.00			No. of
S.F.080516 9-1-51 5 yrs.	S.F.080516 9-1-51 5 yrs.	S.F.080505-B 9-1-51 5 yrs.	S.F.080505 9-1-51 5 yrs.	NM 012880			Serial No. and Lease Date
U.S.A. 12 3% All	U.S.A. 12 2% All	U.S.A. 12 3% A11	U.S.A. 123% All	U.S.A. 12½% All			Land Owner Percentage of Royalty
Alice Bolack	Alice Bolack	Pacific Northwest Pipeline Corp.	Thomas F. Harrington	James B.Battle, Jr.			Record Owner of Lease or Application
Tom Bolack and Alice Bolack 5.00%	None	Sam Dazzo 1.25% Thomas F. Harrington 1.25% Guy R. Campbell .50% Wilson Petroleum Co.1.00% 4.00%	Foster Morrell 5.00% Charles C.Harlan, Jr. 1.25%	Hone JAMES B. BATTLE JR. 1.007°	Forrest B. Miller .218% W. E. Alsup .218% T. H. McElvain .437% J. R. Abercrombie .263%		Overring Royalty Owner and Percentage
To Base of MV Formation El Paso Natural Gas Co. 1/2 Tom & Alice Bolack 1/2 Below Base of MV Formation Tom and Alice Bolack All	Albuquerque Associated Oil Co. All	To Base of MV Formation Pacific Northwest Pipeline Corp. All Below Base of MV Formation Phillips Petroleum Co. All	% Thomas F. Harrington All	EL Pass MATURAL GAS G. All	व्यक्ति व्यक्ति व्यक्ति		Page 6 Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

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

T. 28 N. R. 5 W.

Working Interest Owner Under

16 15 Sec. 19: E/2, E/2 NW/4 Sec. 20: W/2 Sec. 17: S/2 Sec. 7: Lots 1,2,3,4, Sec. 18: SE/4, E/2 SW/4, Sec. 8: Lots 1,2,3,4, S/2 S/2 S/2 S/2 NW/4 SW/4 1320.00 565.80 S.F.080516-A U.S.A. 5 yrs. N.M. 010516 5 yrs. 5-1-48 9-1-51 U.S.A. 123% A11 12½% All Gordon Simpson Pacific Northwest Pipeline Corp. H.K. Riddle Arnold E. Ruth Callow Glen H. and Alice Bolack Carle 5.000000% 2.500000% 1.666667% . 8333333 5.00% Gas Rights after payout: El Paso Natural Gas Co. 3/4 El Paso Natural Gas Co. All To Base of MV Formation Pacific Northwest General American Oil General American Oil Oil Rights at all times: Below Base of MV Formation Phillips Petroleum Co. All Pipeline Corp. 1/4

16 FEDERAL LAND TRACTS - 15,752.75 acres

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22	21	20	19	18	17	PATENTED T. 28 N.	Tract
Sec. 28: NE/4 NW/4, N/2 NE/4, SW/4 NE/4	Sec. 25: E/2 SW/4, NW/4 SE/4	Sec. 21: E/2 SW/4, NW/4 SW/4, SW/4 SE/4	Sec. 18: SW/4 SW/4 Sec. 19: W/2 NW/4	Sec. 15: S/2 SW/4 Sec. 22: N/2 NW/4	Sec. 9: Lots 3,4, SE/4 SW/4, SW/4 SE/4	N. R. 5 W.	Description
160.00	120.00	160.00	120.00	160.00	141.17		No. of
Horace F. McKay, Jr.	Russell Ernest Arnold	Horace F. McKay, Jr.	Horace F. McKay, Jr.	Jose Praxedes Trujillo	Agapita Gomez y Gomez John S. Matthews		Land Owner Percentage of Royalty
24 15	1213	1223	1233		8.333% 4.167%		
Pacific Northwest Pipeline Corp. 1-28-48 10 yrs.	Pacific Northwest Pipeline Corp. 4-12-48 10 yrs.	Pacific Northwest Pipeline Corp. 1-28-48 10 yrs.	Pacific Northwest Pipeline Corp. 12-24-47 10 yrs.		Forrest B. Miller 2-7-47 10 yrs.		Lessee and Date
None	None	None	None		None		Overriding Royalty Owner and Percentage
To Base of MV Formation Pacific Northwest Pipeline Corp. All Below Base of MV Formation Stanolind Oil & Gas Co. All	To Base of MV Formation Pacific Northwest Pipeline Corp. Below Base of MV Formation Stanolind Oil & Gas Co. All	To Base of MV Formation Pacific Northwest Pipeline Corp. Below Base of MV Formation Stanolind Oil & Gas Co. All	To Base of MV Formation Pacific Northwest Pipeline Corp. Below Base of MV Formation Stanolind Oil & Gas Co. All	Unleased	Forrest B. Miller All		Working Interest Owner Under Option Agreement, Operating Agreement or Assignment and Percentage of Interest

Page 8

				Land Owner		<i>;</i>		Working Interest Owner Under Option Agreement, Operating
Tract			No. of	Percentage		Lessee and Date	Overriding Royalty Owner	Agreement or Assignment and
No.		No. Description	Acres	of Royalty		of Lease	and Percentage	Percentage of Interest
T. 28	T. 28 N. R. 5 W.	5 W.						
23	S S S S S S S S S S S S S S S S S S S	Sec. 33: W/2 NE/4, E/2 NW/4 Sec. 34: Lots 3,4, N/2 SW/4	329.70	Joe Mangum (deceased) G. H. Lobato	6 6 25 55 54 54	Forrest B. Miller) 7-6-51) 5 yrs.) Forrest B. Miller) 6-30-51)	None	Forrest B. Miller All
24	 	34: Lot 1 35: Lot 4, S/2 NE/ NW/4 SE/4, N/2 SW/4	296,06 NE/4, N/2	Russell Ernest Arnold	122%	Pacific Northwest Pipeline Corp. 4-12-48 10 yrs.	None	To Base of MV Formation Pacific Northwest Pipeline Corp. Below Base of MV Formation Stanolind Oil & Gas Co. A
25 35		Sec. 35: NW/4	160.00	Russell Ernest Arnold	12 24 34	Pacific Northwest Pipeline Corp. 4-12-48	None	To Base of MV Formation Pacific Northwest

Page 9

9 PATENTED LAND TRACTS - 1,646.93 acres

10 yrs.

Below Base of MV Formation Stanolind Oil & Gas Co. All

Pipeline Corp.

EXHIBIT "B"

San Juan 28-5 Unit Agreement

RECAPITULATION

100.00%	17,399.68	25	
9.47	1,646.93	ဖ	Patented Land
None	None	0	State Land
90.53	15,752.75	16	Federal Land
Percentage	Acreage	Number of Tracts	

El Paso Natural Gas Company
El Paso, Texas

October 20, 1955

file

Oil Conservation Commission of the State of New Mexico Capitol Annex Building Santa Fe, New Mexico #553

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

Re: (San Juan 28-5 Unit) Tract # 19

Gentlemen:

Attached hereto is one (1) copy of Ratification and Joinder to the San Juan 28-5 Unit Agreement executed by Horace F. McKay, Jr., et ux, committing their basic royalty interest in Tract 19. We ask that you process this in the usual manner to effectively commit this interest to the Unit.

1.W. Vstt

T. W. Bittick Area Landman Lease Department

TWB:BG:pb Enclosures

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 28-5 Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the indersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

covering SW_{4}^{1} SW_{4}^{1} Sec.	ains only to Tr. 19 of Exhibit "B" to San Juan 28-5 Unit 18 and W2NW2 Sec. 19- T 28N R 5W.	
Date:	Man Myly	<u>}</u>
	Elmina & Mcka	
Date:		
Date:	S PER S	
	APPROVED AND CONSENTED TO: EL PASSON TURNE COMPANY	
	By Vice President	
Date:	HMET ODERATOR	
Approved and consenter Stanglind Oil and Cas	Company Pacific Northwest Pipeline Corpora	tion
Want Some	APPROVED By: Vice President	-100
		ERLEI I

COUNTY OF	nalilla) ss. withing		
	0	.)		-
On this 9 17				sonally appeared
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COUNTY OF)	SS = 1	o to obtaine per projection. So obtained a comment	
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On this	day of	, 195	, before me per	sonally appeared
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ment, and acknowle			*	ree act and deed.
IN WITNESS WE the day and year 1	EREOF, I have he in this certifica	ereunto set my	hand and affixe	the foregoing instance act and deed. ad my official sea
IN WITNESS WE	EREOF, I have he	ereunto set my	hand and affixe	ree act and deed.
IN WITNESS WE the day and year i	EREOF, I have he	ereunto set my	hand and affixe	ree act and deed.
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IN WITNESS WE the day and year in My commission expirate of COUNTY OF On this to me known to be	the persond	ereunto set my ate above writt	Notary who executed	ree act and deed. The day official sea
IN WITNESS WE the day and year in My commission expirate of	the rersondeged that	ss ss . 195escribed in and executed the	Notary Notary who executed same as	ree act and deed. Tublic Tublic The foregoing instance free act and deep
IN WITNESS WE the day and year in My commission expirate of County of On this	the person deged that	escribed in and executed the	Notary who executed same as hand and affixe	ree act and deed. Tublic Tublic The foregoing instance free act and deceded my official see
IN WITNESS WE the day and year in My commission expirate of COUNTY OF On this to me known to be ment, and acknowled	the person deged that	escribed in and executed the	Notary who executed same as hand and affixe	ree act and deed. Tublic Tublic The foregoing instance free act and deed.
IN WITNESS WE the day and year in My commission expirate of County of On this	the person deged that	escribed in and executed the	Notary who executed same as hand and affixe	ree act and deed. Tublic Tublic The foregoing instance free act and deed.
IN WITNESS WE the day and year in My commission expirate of County of On this	day ofdeged thatderication this certification.	escribed in and executed the	Notary who executed same as hand and affixe	ree act and deed. Tublic Tublic The foregoing instance free act and deed.

El Paso Natural Gas Company

El Paso, Texas

August 29, 1956

JAN OFFICE COC

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

> Re: San Juan 28-5 Unit Tract 17

Gentlemen:

Please find enclosed one (1) copy each of Ratification and Joinder executed by the following persons:

- 1. Agapita Gomez y Gomez
- 2. Jose Eugenio Gomez
- 3. Genoveva Juanita Gomez
- 4. Maria Gregorita Gomez Jaquez and Jose G. Jaquez
- 5. Maria Ruben Gomez Jaquez and Onofre Jaquez, Jr.
- 6. Celso Cipriano Gomez

We respectfully ask that you process these Ratification and Joinders in the usual manner to effectively commit these basic royalty interests under Tract 17 of the San Juan 28-5 Unit.

Very truly yours,

James C. Vandiver

Area Landman Lease Department

JCV:BG:pb

Enclosures
Tract 17

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.

ADDDTECO

ADURESS	SIGNATURE
Aztec, New Mexico	Agapita Gomez y Gomez of
601 White Cere	Agapita Gomez y Gomez b /
Date: 7-11-56	,
•	
Date: 7-26-56	
APPROVED AND CONSENTED TO:	ADERGME AND CONCEMENTO TO
Hours Bully Working Interest Owner	APTROVED AND CONSENTED TO: EL PASO DE UNA LAS COMPANY By Vice President

UNIT OPERATOR

STATE OF) \ cc .	
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 that the seal affixed to said instrument
and sealed in behalf	of said corporation of said corporation	n, and that said instrument was signed by authority of its board of directors, acknowledged said instrument to be n.
in Witness	WHEREOF, I have here	eunto set my hand and affixed my official e first above written.
My Commission expires	:	
-	_	
		Notary Public in and for
		State ofCounty,
STATE OF New Make)) SS.:	
COUNTY OF Stanta De	-)	
On this 26	day of free	, 195 6, before me appeared
Forrest B. 7	nieler .	<i>)</i>
his wife, to me known	to be the person#	described in and who executed the fore- they executed the same as their free act
My Commission expires	:	
april 14 19	<u> </u>	Florence M. norvell
		Notary Public in and for County,
		State of Ten mence
STATE OF NEW MEXICO)	
COUNTY OF SAN JUAN) SS.:	
On this	// day of ful	, 195 6 , before me personally
	in and who executed	widow , a singlexperson, to me known to be the foregoing instrument, and acknowledged me as her free act and deed.
My Commission expires	:	
2-24-60	-	Wand Mac Jalot
	\	Notary Public in and for San Juan County,
Section 19		State of New Mexico

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28-5 Unit Area located within the County of Rio Arriba 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
601 White Avenue	Jose Eugenio Gomez
Aztec, New Mexico	
Date: 8-18-56	
Date:	
APPROVED AND CONSENTED TO:	

Vice President

UNIT OPERATOR

APPROVED AND CONSENSED TO:

STATE OF)) SS.:	
COUNTY OF	3	
On: this	day of	, 195, before me appeared
		the resident of
is the corporate	seal of said corpora	and that the seal affixed to said instrument ation, and that said instrument was signed tion by authority of its board of directors, acknowledged said instrument to be ation.
the free act and	deed of said corpore	ation.
		hereunto set my hand and affixed my official icate first above written.
My Commission exp	oires:	
		Notary Public in and forCounty,
		State of
STATE OF)) SS.:	
County of	}	
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In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28-5 Unit State of Area located within the County of Rio Arriba 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
60/ White line	Genoveva Juanita Gomez
Date: 7-27-56	
	·
Date:	
APPROVED AND CONSENTED TO: Forrest B. Miller Working Interest Owner	APPROVED AND CONSENTED TO: EL PASO MATURAL AS CEMPANY By

Vice President

UNIT OPERATOR

STATE OF)	
COUNTY OF) SS.:)	
On this	day of	, 195, before me appeared
by me duly sworn, did	say that he is the	, to me personally known, who, being President of
is the corporate seal	of said corporation, of said corporation b	hat the seal affixed to said instrument and that said instrument was signed y authority of its board of directors, acknowledged said instrument to be
IN WITNESS seal the day and year		nto set my hand and affixed my official first above written.
My Commission expires	:	
		
		Notary Public in and for
		State ofCounty,
STATE OF)	
COUNTY OF) SS.:	
GOONII OF	1	
going instrument, and and deed.	to be the persons de acknowledged to me t	scribed in and who executed the fore- hey executed the same as their free act
My Commission expires	:	
Willeston Britan Control of the Cont		Notary Public in and forCounty, State of
STATE OF NEW MEXICO)) SS•:	
COUNTY OF SAN JUAN	5	
On this 2	7 day of July	, 195 6 , before me personally
appeared Genovova Jua the person described to me that s	in and who executed t	a single person, to me known to be he foregoing instrument, and acknowledged as her free act and deed.
My Commission expires	:	
February 24, 1960	-	Wan Or face lealth
		Notary Public in and for San Juan County,
		State of New Mexico

In consideration of the execution of the Unit Agreement	for the
Development and Operation of the San Juan 28-5 Unit	
Area located within the County of Rio Arriba	State of
New Mexico in form approved on behalf of the Secretary of the Inte	erior, the
undersigned owners of lands or leases, or interests therein or roy	galties
presently held or which may arise under existing option agreement:	s, or other
interests in production covered by said Unit Agreement hereby seve	erally, each
to the extent of his or her particular ownership or interest, as n	
consent to the inclusion of said lands within the Unit Area therei	
ratify, approve and adopt the terms of said Unit Agreement and any	
tions thereof approved by the Secretary of the Interior or his dul	
representative as applicable to said several lands and interests,	
the term of any lease given by the undersigned or under which the	
claims an interest herein is extended and modified to the extent i	
make the same conform to the terms of said Unit Agreement, agree t	
ing, development and producing requirements of all leases and other	
in which their several rights and interests are created or defined	
deemed fully performed by performance of the provisions of said Un	
and agree that payment for or delivery of (whichever may be require	
prior agreements) oil and gas duly made at contract rates applied	
duction allocated under said Unit Agreement to the particular land	
such rights or interests do or shall apply, regardless of actual I	
therefrom, shall constitute full performance of all such obligation	ons 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
Box 163	Maria Gregorifa Gomez Jaquez Jaguez
12tec N.M. Date: 7-27-56	Jøse G. Jaquez
Date:	
APPROVED AND CONSENTED TO: Forrest B. Miller Working Interest Owner	APPROVED AND CONSENTED TO: EL PASO MATURO L'AS COMPANY By Vice President

UNIT CPERATOR

STATE OF COUNTY OF On this	ing ument ed ors, be
On this	ing ument ed ors, be
	ing ument ed ors, be
	ing ument ed ors, be
by me duly sworn, did say that he is the	ment ed ors, be
by me duly sworn, did say that he is the	ment ed ors, be
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 directed and said	ed ors, be
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my off: seal the day and year in this certificate first above written. My Commission expires: Notary Public in and forCounty, State of	icial
Seal the day and year in this certificate first above written. My Commission expires: Notary Public in and forCounty, State of	
Notary Public in and forCounty, State of	
State ofCounty,	
State ofCounty,	
State of	
COMMON ON NEW MEYICO	
CONTRACTOR NEW MEYTON \	
STATE OF NEW MEXICO)	
COUNTY OF SAN JUAN)	
On this 27 day of July , 195 6 , before me appeared	
Maria Gregorita Gomez Jaquez and Jose G. Jaquez, her husband	
histories , to me known to be the persons described in and who executed the for going instrument, and acknowledged to me they executed the same as their free and deed.	
My Commission expires:	
ry commitssion expires.	
February 24, 1960 Mixe tradely	_
Notary Public in and for San Jua	_
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State of New Mexico	<u> </u>
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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	<u>SIGNATURE</u>
Box 362	Maria Ruben Gomez Jaquez Maria Ruben Gomez Jaquez Onofre/Jaquez, Jr.
Date: 7-27-56	
Date:	
APPROVED AND CONSENTED TO: Forrest B. Miller Working Interest Owner	APPROVED AND CONSENTED TO: EL PASO KATURAT CAS CEMITANY By Vice Fresident

UNIT CPERATOR

STATE OF	
) SS.:	
COUNTY OF)	
On this day of	, 195, before me appeared
by me duly sworn, did say that he is the and is the corporate seal of said corporation and sealed in behalf of said corporation and said the free act and deed of said corporation	that the seal affixed to said instrument, and that said instrument was signed by authority of its board of directors, acknowledged said instrument to be
IN WITNESS WHEREOF, I have here seal the day and year in this certificate	unto set my hand and affixed my official first above written.
My Commission expires:	
	Notary Public in and for
	State ofCounty,
STATE OF NEW MEXICO) SS.: COUNTY OF SAN JUAN On this 27 day of July Maria Ruben Gomez Jaquez and index wifes, to me known to be the persons d going instrument, and acknowledged to me and deed. My Commission expires: February 24, 1960	escribed in and who executed the fore-
STATE OF) COUNTY OF) SS.:	State of New Mexico
•	305
appeared	, 195, before me personally, a single person, to me known to be the foregoing instrument, and acknowledged ne asfree act and deed.
My Commission expires:	
· · · · · · · · · · · · · · · · · · ·	Notary Public in and forCounty,

In consideration of the execution of the Unit Agreement for the
Development and Operation of the San Juan 28-5 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 modifica-
tions 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 drill-
ing, 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 pro-
duction 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.

<u>ADDRESS</u>	SIGNATURE
60/ White ave lighter N.M.	Colso Cipriano Gomez Celso Cipriano Gomez
Date: 8-19-56	
Date:	
APPROVED AND CONSENTED TO: Working Interest Owner	APPROVED AND CONSENTED TO: EL PASO NATURAL CAS COMPANY By Vine President

Vice President

UNIT OPERATOR

STATE OF)	
COUNTY OF) SS.:)	
On this	day of	, 195, before me appeared
by me duly sworn. did	say that he is the	_, to me personally known, who, being President of hat the seal affixed to said instrument
	and t	hat the seal affixed to said instrument and that said instrument was signed
and sealed in behalf	of said corporation by	y authority of its board of directors,acknowledged said instrument to be
the free act and deed	of said corporation.	
IN WITNESS I seal the day and year		nto set my hand and affixed my official first above written.
My Commission expires	:	
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		County,
		State of
STATE OF)	,
COUNTY OF) SS.:	
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		scribed in and who executed the fore- hey executed the same as their free act
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		Notary Public in and for
		State ofCounty,
STATE OF NEW MEXICO)) SS.:	
COUNTY OF SAN JUAN)	
On this 10	oth day of August	, 195 6 , before me personally
the person described :	in and who executed t	, a single person, to me known to be he foregoing instrument, and acknowledged as his free act and deed.
My Commission expires	•	
February 24, 1960	_	men Machalel
		Notary Public in and for San Juan County, State of New Mexico
•		Chat as Now Moving

El Paso Natural Gas Company

El Paso, Texas

September 26, 1955

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

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

> Re: San Juan 28-5 Unit Tract # 10

Gentlemen:

Attached hereto is one (1) copy of Ratification and Joinder of Unit Operating Agreement of the San Juan 28-5 Unit Agreement, executed by James B. Battle, Jr., et ux, committing their interest to the above captioned unit.

We ask that you process this in the usual manner in order to effectively commit these interests to the unit.

Very truly yours,

T. W. Bittick Area Landman

Lease Department

TWB:BG:pb Enclosure

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

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 parts 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 se 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	
	311 Wasth Harre M. (Janes Blown	
	Silvinous vanda.	James B. Battle, Jr.	
	oxla tity only,	Ellen m x ttle	
	Data: 20.195	·	
/	bacer purchase and a second		
,	Date:		
	STATE OF Alla) SS.:		
	COUNTY OF Alla SS.:		
	on this 20 day of the personally appeared to the first t	195 7, before me	
	to be the person described in and who ment, and acknowledged that they executed and deed.	to executed the foregoing instru- ted the same as free act	
	IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate abo	set my hand and affixed my official ve written.	
		Lonna Danie Baldi S	
	My Commission expires:	Notary Public in and for <u>Cl.</u> County, State of	
	August 26, 1958	Olla.	
	APPROVED AND CONSENTED TO: EL PASO NATUDAL CAS COMPANY		
	By At Olaw		
	Vice President		

UNIT OPERATOR

El Paso Natural Gas Company

El Paso, Texas

Director United States Geolgocial 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 28-5 Unit No. 14-08-001-949 Rio Arriba County, New Mexico Fifth Expanded Participating Area Mesaverde Formation Effective August 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 28-5 Unit Agreement, #14-08-001-949, approved August 25, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below, two additional wells capable of producing unitized substances in paying quantities from the Mesaverde formation have been completed upon acreage committed to this unit. The participating area for the Mesaverde formation is expanded accordingly to include these wells as follows:

> The San Juan 28-5 #8 Well, located 990' from the North line and 1650' from the East line of Section 21, Township 28 North, Range 5 West, Rio Arriba County, New Mexico, was spudded on May 27, 1955 and completed on June 19, 1955 at a total depth of 5880'. The Cliff House section of the Mesaverde formation between 5260' and 5420' was treated with a sand-oil fracturing process on June 15, 1955. The Point Lookout section of the Mesaverde formation between 5470' and 5880° was also treated with a sand-oil fracturing process on June 18, 1955. After being shut-in for twenty-three (23) days, the well was tested on July 12, 1955 and after a three hour blow-down, gauged an IP of 3937 MCFGPD with an SIPC of 1060# and an SIPT of 1088#. The committed Drilling Block upon which this well is located is described as the N/2 of Section 21, Township 28 North, Range 5 West, N.M.P.M., containing 320.00 acres.

The San Juan 28-5 #9 Well, located 1500' from the South line and 1650' from the West line of Section 29, Township 28 North, Range 5 West, Rio Arriba County, New Mexico, was spudded on June 21, 1955, and completed July 13, 1955 at a total depth of 5740'. The Cliff House section of the Mesaverde formation between 5030' and 5230' was treated with a sand-oil fracturing process on July 8, 1955. The Point Lookout section of the Mesaverde formation between 5448' and 5740' was also treated with a sand-oil fracturing process on July 12, 1955. After being shut-in for gauge for seven days, the well was tested on July 20, 1955, and after a three hour blow-down gauged an IP of 4385 MCFGPD with an SIPC of 1077# and an SIPT of 1074#. The committed Drilling Block upon which this well is located is described as the S/2 of Section 29, Township 28 North, Range 5 West, N.M.P.M., containing 320 acres.

With the admission of these wells to the Participating Area, there is one intervening drilling block created. It is as follows: N/2 of Section 20, Township 28 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico, and consists of 320.00 acres. Under the terms of the Unit Agreement this intervening drilling block is admitted to the Participating Area on August 1, 1955, the time of admission of the San Juan 28-5 #8 and San Juan 28-5 #9 wells, and a well must be commenced on said intervening drilling block by August 1, 1956.

Attached is Schedule VI showing the Fifth Expanded Participating Area for the San Juan 28-5 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this expanded participating area will become effective as of August 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

K. L. Hamblin

Manager

Lease Department

RLH/BG/eb

cc: Attached List

El Paso Natural Gas Company

El Paso, Texas

August 16, 1955

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 28-5 Unit No. 14-08-001-949 Rio Arriba County, New Mexico Fourth Expanded Participating Area Mesaverde Formation Effective July 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 28-5 Unit Agreement, #14-08-001-949, approved August 25, 1953, El Paso Natural Gas Company, as Unit Operator, determined on June 3, 1955, that one additional well capable of producing unitized substances in paying quantities from the Mesaverde formation has been completed upon acreage committed to this unit. The participating area for the Mesaverde formation is expanded accordingly to include this well as follows:

> The San Juan 28-5 #7 Well, located 1650' from the South line and 1650' from the West line of Section 8, Township 28 North, Range 5 West. Rio Arriba County, New Mexico. This well was spudded on May 2, 1955 and completed on May 25, 1955 at a total depth of 5780'. The Cliff House section of the Mesaverde formation between 5172' and 5310' was treated with a sand-oil fracturing process on May 18, 1955. The Point Lookout section of the Mesaverde formation between 5487' and 5780' was also treated with a sand-oil fracturing process on May 24, 1955. After being shut-in for nine (9) days, the well was tested on June 3, 1955 and after a three hour blow-down, gauged an IP of 2237 MCFGPD with an SIPC of 978# and an SIPT of 1048#. The committed Drilling Block upon which this well is located is described as the S/2 of Section 8, Township 28 North, Range 5 West, N.M.P.M., containing 282.84 acres.

Attached is Schedule V showing the Fourth Expanded Participating Area for the San Juan 28-5 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this expanded participating area will become effective as of July 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

R. L. Hamblin

Manager

Lease Department

RLH/BG/eb

cc: Attached List

11 15 th 12 1 1 1 1 2 2 2 4

July 11, 1955

Kl Paso Natural Gas Company

P. O. Box 1492

El Paso, Temas

Re: (San Juan 28-5 Unit) Rio Arriba County 1955 Supplemental Plan of Development

Commissioner of Public Lands

Gentlemen:

We are enclosing one copy of the above designated plan, which was approved by the Commissioner of Public Lands July 11, 1955. Subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Very truly yours,

E. S. WALKER

cc: WG3-Roswell OCC-Santa Fe

MMR: B

Encl.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE. NEW MEXICO

July 6, 1955

El Paso Natural Gas Company P. O. Box 1492

El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: San Juan 28-5 Unit

Rio Arriba County, New Mexico 1955 Supplemental Plan of

Development

Gentlemen:

This is to advise that the Supplemental Plan of Development for the San Juan 28-5 Unit, dated June 25, 1955, has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Inasmuch as only one copy of the Plan was received by this office, no approved copy can be returned.

Very truly yours,

W. B. Macey Secretary-Director

WBM:jh

cc: USGS-Roswell

Commissioner of Public Lands, Santa Fe



UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

P. O. Box 6721 Roswell, New Mexico

June 28, 1955

El Paso Matural Gas Company Post Office Box 1492 El Paso, Texas

Gentlemen:

The supplemental plan of development dated June 25, 1955, for the San Juan 28-5 unit area, New Mexico, No. 11-08-001-919 has been approved on this date, subject to like approval by the appropriate State officials. The supplemental plan provides for the drilling of four additional wells making a total of seven Mesaverde wells to be drilled in the unit area during the calendar year.

One approved copy of said plan is returned berewith.

Very truly yours,

Regional Oil and Gas Supervisor

. nelosure

Farmington (w/l copy of plan)
NMOCC, Santa Fe (ltr only)

El Paso Natural Gas Company

El Paso, Texas

June 25, 1955

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

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

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

Re: San Juan 28-5 Unit Area
14-08-001-949
Rio Arriba County, New Mexico
SUPPLEMENTAL DRILLING PROGRAM-1955

Gentlemen:

On December 31, 1954, El Paso Natural Gas Company, as Unit Operator, filed a Drilling Program regarding the captioned Unit for the calendar year 1955. This 1955 Drilling Program has been approved by the United States Geological Survey, the Commissioner of Public Lands for the State of New Mexico, and the Oil Conservation Commission for the State of New Mexico.

Pacific Northwest Pipeline Corporation has now advised us that they would like to drill four (4) additional Mesaverde wells to be located in the S/2 of Section 18, S/2 Section 19, S/2 Section 33, and the S/2 of Section 35, Township 28 North, Range 5 West.

Therefore, El Paso Natural Gas Company, as Unit Operator, herewith submits for your consideration and approval a Supplemental Drilling Program for the calendar year 1955, of four (4) Mesaverde wells. This Program is to supplement the original drilling program of three (3) Mesaverde wells filed for your approval on December 31, 1954. These additional Mesaverde wells are to be located as follows:

- (1) S/2 Section 18, Township 28 North, Range 5 West
- (2) S/2 Section 19, Township 28 North, Range 5 West
- (3) S/2 Section 33, Township 28 North, Range 5 West
- (4) S/2 Section 35, Township 28 North, Range 5 West

These wells will make a total of seven (7) Mesaverde wells to be drilled on this Unit for the calendar year 1955 and will be drilled in accordance with your operating regulations with due care being taken to protect all horizons.

If this Supplemental Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided below and return an approved copy to El Paso Natural Gas Company, as Unit Operator.

Copies of this Drilling Program are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Lease Department RLH:BG:rb cc: Attached list APPROVED: Date: Supervisor, United States Geological Survey Subject to like approval by the appropriate State officials. APPROVED: Date: Commissioner of Public Lands Subject to like approval by the U.S.G.S. and Oil Conservation Commission. APPROVED: Oil Conservation Commission Subject to like approval by the U.S.G.S. and Commissioner of Public Lands.

only this cappy received no approved cappy to E.P.

El Paso Natural Gas Company El Paso, Texas

February 17, 1955

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

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

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

Re: San Juan 28-5 Unit Area #14-08-001-949

Rio Arriba County, New Mexico Notice of Approval of Plan of Development for the Calendar Year 1955

Gentlemen:

This is to advise that the Plan of Development for the San Juan 28-5 Unit Area for the calendar year 1955 was approved as follows:

- 1. Regional Supervisor, United States Geological Survey, February 4, 1955.
- 2. Commissioner of Public Lands, State of New Mexico, February 2, 1955.
- 3. Oil Conservation Commission, State of New Mexico, February 10, 1955.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Area Landman

Lease Department

TWB/BG/mp

cc: Attached List

Re: San Juan 28-5 Unit

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

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

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

Mr. C. F. Bedford Stanolind Oil and Gas Company Oil and Gas Building Fort Worth, Texas

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

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 Mr. Joe Quinn Box 335 Santa Fe, 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. W. E. Alsup 1247 Shafter Street San Mateo, California

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

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

C... CONSERVATION COMMISS. N P. O. BOX 871

SANTA FE, NEW MEXICO

February 9, 1955

El Paso Namral Gas Co. P. O. Box 1492

El Paso, Texas

Attention: Mr. R. L. Hamblin

Re: San Juan 28-5 Unit Rio Arriba County, New Mexico 1955 Drilling Program

Gentlemen:

This is to advise that the Plan of Development for calendar year 1955 for the subject unit, dated December 31, 1954 has this date been approved by the New Mexico Oil Conservation Commission, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the Plan is herewith returned.

Very truly yours,

Jan

W. B. Macey Secretary - Director

WBM:jh

cc: USGS - Roswell

Commissioner of Public Lands - Santa Fe

San Juan 28-5 Unit #14-08-0010949 Rio Arriba County, N. M. 1955 Drilling Program

0 P Y

Gentlemen:

By letter dated Sept. 22, 1954, El Paso Natural G.s Company, as Unit Operator, filed a plan of development for the remainder of the year 1954. The only well scheduled to be drilled under this program was the San Juan 28-5 #6 well.

The San Juan 28-5 #6 well, located in the S/2, Sec. 16, T-28-N, R-5-W, has been completed, and is now shut-in for gauge.

Phillips Petroleum Company spudded their Mesa #2-30 well, located in the N/2, 30-28-5, Aug. 30, 1953, and this partially completed well was turned over to the Unit Operator. Phillips, however, does not wish to have this well completed.

Five wells have been drilled to the Mesaverde Formation upon lands committed to the Unit. Of these five wells three have been determined to be capa ble of producing unitized substances in payin g quantities and have been admitted to the Mesaverde participating area. One of the five wells has been determined to be non-commercial and one well is shut-in for gauge. One well in the present participating area is producing into El Paso's gathering system.

El Paso Natural Gas Company, as Unit Operatot, hereby respectfully requests a proval of a drilling program for the calendar year 1955, consisting of three wells to be drilledto the Mesaverde F rmation; such drilling program to constitute all of our drilling obligations for such year. These proposed drilling sites are listed as follows:

(1) S/2, Sec. 8, T-28-N, R-5-W (2) N/2, Sec. 21, T-28-N, R-5-W (3) S/2, Sec. 29, T-28*N, R-5-W

El Paso Natural Gas Company, as Unit Operator, intends to drill all wells to the base of the Mesavarde Formation, using rotary tools. Surfase casing of 9-5/8" diameter will be set to approximately 180' and then a production string of 7" casing will be set down to the top of the Mesaverde Formation. The entire Mesaverde Formation will be drilled in will gas. The Cliff House and Foint Lookout sands of the Mosaverde Formation will be separately treated with a sand-oil fracturing process. Due care will be taken to protect all horizons.

All of the working interest owners have been contacted and this drilling program reflects, insofar as possible, their requests for additional drilling.

If this drilling program is acceptable, please signify inches your approval of this drilling program as required under Section 10 of the Unit Agreement in the space provided below, and returnextix an approved copy to El Paso Natural Gas Company.

> very truly yours -PIG By: R.L. Hamblin

APPROVED /2/11/11/11/2 Date 4/9/55



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. C. Box 6721. Resusil. New Mexico

Petersary 4, 1955

El Paso Natural Gas Company El Paso Natural Gas Building El Paso, Texas

Gentlemen:

The plan of development dated December 31, 195h, for the San Juan 28-5 unit area, New Mexico, No. 14-08-001-949, has been approved on this date, subject to like approval by the appropriate State efficials.

In addition to the proposed wells listed in the plan of development, adequate offset wells must be drilled to protect the unit area from drainage as provided in the unit agreement.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON

Regional Oil and Gas Supervisor

Copy to: N.M.O.C.C., Santa Fe (ltr only)

El Paso Natural Gas Company

El Paso, Texas

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 file

Re: San Juan 28-5 Unit No. 14-08-001-949
Rio Arriba County, New Mexico
Third Expanded Participating Area
Mesaverde Formation

Effective January 1, 1955

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 28-5 Unit Agreement, #14-08-001-949, approved August 25, 1953, El Paso Natural Gas Company, as Unit Operator, determined on December 20, 1954, that one additional well capable of producing unitized substances in paying quantities from the Mesaverde formation had been completed upon acreage committed to this unit and the participating area for the Mesaverde formation is accordingly expanded.

This well is as follows:

El Paso Natural Gas Company's San Juan 28-5 #6 Well, located 1650' from the South line and 1650' from the West line of Section 16, Township 28 North, Range 5 West, Rio Arriba County, New Mexico. This well was spudded on August 24, 1954, and reached a total depth of 5835'. The pay section between 5247' and 5475' and the pay section between 5563' and 5835' was treated with a sand-oil frac. process. After being shut-in for gauge for 7 days, the well was tested on December 20, 1954, and after a three hour blow-down gauged an IP of 3221 MCFGPD with an SIPC of 1058# and an SIPT of 1047#. The committed drilling block upon which this well is located is described as the S/2 of Section 16, Township 28 North, Range 5 West, N.M.P.M. and consists of 320 acres.

John

With the completion of this well an intervening drilling block exists between the San Juan 28-5 #6 Well and the San Juan 28-5 #2 Well. This drilling block is described as the S/2 of Section 15, T-28-N, R-5-W, N.M.P.M., except for the S/2 of the SW/4 which is not committed to the Unit. This intervening drilling block therefore contains 240 acres which are committed to the Unit Agreement. Under the terms of the Unit Agreement this intervening drilling block is admitted to the participating area on January 1, 1955, the time of admission of the San Juan 28-5 #6 Well, and a well must be commenced on said intervening drilling block by January 1, 1956. Unit Operator will contact the owner of the S/2 SW/4 of Section 15 in a final attempt to get him to join the Unit Agreement. If this is unsuccessful we will attempt to communitize the S/2 of Section 15. If the owner of the S/2 SW/4 refuses to join in a Communitization Agreement with the unit working interest owners we will have to go before the Oil Conservation Commission of the State of New Mexico and ask for forced pooling of the entire S/2 of Section 15.

In comparison with this determination there are three (3) wells with lower Initial Potential already included within the Mesaverde Participating Area. These are the San Juan 28-5 #1 Well with an IP of 2310 MCFGPD, San Juan 28-5 #2 Well with an IP of 1235 MCFGPD and the San Juan 28-5 #4 Well with an IP of 2300 MCFGPD.

Attached is Schedule IV showing the Third Expanded Participating Area for the San Juan 28-5 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefor, and in the absence of disapproval, this expanded participating area will become effective as of January 1, 1955.

Copies of this letter and schedule are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

R. L. Hampii

Manager

Lease Department

RLH/BG/mas

cc: Attached List

MASS Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

Excos: 11 9:17 El Paso, Texas

October 12, 1954

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 28-5 Unit Area

14-08-001-949

Rio Arriba County, New Mexico Notice of Approval of a Plan of Development for Calendar Year 1954

Gentlemen:

This is to advise that the Plan of Development, San Juan 28-5 Unit Area, for the calendar year of 1954, was approved as follows:

- (1) Regional Supervisor, United States Geological Survey, October 5, 1954.
- (2) Commissioner of Public Lands of the State of New Mexico, September 30, 1954.
- (3) Oil Conservation Commission of the State of New Mexico, October 8, 1954.

Very truly yours,

EL PASO NATURAL GAS COMPANY

W. Bittick

Area Landman

Lease Department

TWB/BG/mas

cc: Attached List

October 11, 1954

El laso Natural Gas Company Tenth Floor-Bassett Tower El Paso, Texas

Re: San Juan 28-5 Unit Agreement
Rio Arriba County, New Mexico
1954 Flan of Development
14-08-001-949

4:10

Gentlemen:

(2)

Please be advised that your plan of development dated September 22, 1954, for the above captioned unit agreement, for the remainder of the calendar year 1954, has been approved on this date, subject to like approval by the United States Geological Survey and Oil Conservation Cosmission.

Very truly yours,

E. S. VALKER Commissioner of Public Lands

Roswell, New Mexico (3)
Oil Conservation Cosmission
Santa Fe, New Mexico (1)

ONSERVATION COMMISS)

P. O. BOX 871

SANTA FE, NEW MEXICO

October 8, 1954

El Paso Natural Gas Co. Tenth Floor Bassett Tower El Paso, Texas

> Re: San Juan 28-5 Unit Rio Arriba County, New Mexico Plan of Development for 1954

Gentlemen:

Reference is made to your letter of September 22, 1954, requesting approval of the Plan of Development for 1954 for the above captioned unit.

The New Mexico Oil Conservation Commission hereby approves this Plan of Development subject to like approval by the U. S. Geological Survey and the Commissioner of Public Lands, State of New Mexico.

Very truly yours,

W. B. Macey Secretary - Director

WBM:jh

cc: U. S. G. S.

Roswell, New Mexico

State Land Office Santa Fe, New Mexico



553

UNITED STATES DEPARTMENT OF THE INTERIOR

MAIN OFFICE OCC GEOLOGICAL SURVEY

P. O. Box 6721
Roswall, New Mexico

till

October 5, 1954

El Paso Maturel Gas Company Tenth Floor Bassett Tower El Paso, Texas

Centlement

The plan of development dated September 22, 1954, for the San Juan 28-5 unit area, New Mexico, No. 14-08-001-949, for the remainder of the calendar year 1954, has been approved on this date, subject to like approval by the appropriate State officials.

One approved copy of said plan is returned herewith.

Very truly yours,

JOHN A. ANDERSON

Regional Oil and Gas Supervisor

Copy to: Cons.Div., Wash.,D.C.(W/l copy of plan)
New Mexico CCC, Santa Pe (Ltr. only)

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

September 22, 1954

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 28-5 Unit #14-08-001-949 Rio Arriba County, New Mexico Plan of Development for 1954

Gentlemen:

All drilling requirements of the Unit Agreement and Unit Operating Agreement for San Juan 28-5 Unit have been satisfied and El Paso Natural Gas Company, as Unit Operator, now submits for your approval a Plan of Development for the remainder of 1954.

The San Juan 28-5 Unit Area embraces 17,399.68 acres, more or less, in Rio Arriba County, New Mexico, of which 17,199.68 acres are committed to the Unit. The Unit area includes all of Township 28 North, Range 5 West.

Altogether El Paso Natural Gas Company, as Unit Operator, has drilled four (4) wells on this Unit. One (1) well was determined to be noncommercial and three (3) wells are completed in the Mesaverde Formation and are now awaiting connection to a pipeline.

The following table reflects the status of Unit development to date.

Well	Location	Spud	Completed	MCF 3HR.	Producing Formation	Remarks
#1	N/2 29-28-5	7-25-53	9-21-53	2310	Mesaverde	Depth 5939'
#2	S/2 14-28-5	11-12-53	2-20-54	1235	Mesaverde	Depth 6167'
#3	S/2 26-28-5		Noncommercial			
#4	N/2 19-28-5	10-2-53	11-14-53	2300	Mesaverde	Depth 5951'

San Juan 28-5 Unit Plan of Development for 1954

El Paso is planning to drill a well in the S/2 of Section 16, Township 28 North, Range 5 West, Rio Arriba County, New Mexico.

Development to date has reasonably demonstrated the productivity of the Unit Area in the Mesaverde Formation. No intervening drilling blocks have been created.

As Unit Operator, we have canvassed the owners of all working interest committed to the Unit and none desire wells drilled on their Unit lands during the remainder of the year.

Since (1) development to date has reasonably proved the productivity of the Unit Area and (2) there are no existing intervening drilling blocks which would necessitate the drilling of additional wells at this time under the provisions of the Unit Agreement and (3) none of the working interest owners within the Unit desire drilling at this time, El Paso Natural Gas Company, as Unit Operator, plans to drill during the remainder of 1954 only the well in the S/2 of Section 16, Township 28 North, Range 5 West, and such other wells, if any, as you may require for the protection of the Unit against drainage, or as you may otherwise require.

Your approval of this Plan of Development for the remainder of the year 1954 is respectfully requested.

Very truly yours,

EL PASO NATURAL GAS COMPANY

R. L. Hamblin

Manager

Lease Department

RLH/BG/mp

Acknowledgment and distribution attached

San Juan 28-5 Unit Plan of Development for 1954 -3-

September 22, 1954

APPROVED

DATE

Supervisor, United States Geological Survey
Subject to like approval by the appropriate State Officials

APPROVED

DATE

Commissioner of Public Lands of the State of New Mexico Subject to like approval by the United States Geological Survey and Oil Conservation Commission

APPROVED

W. OS. Macey DATE

10-8-54

Oll Conservation Commission of the State of New Mexico Subject to like approval by the United States Geological Survey and Commissioner of Public Lands

Re: San Juan 28-5 Unit

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

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

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

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

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

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 Mr. Joe Quinn Box 335 Santa Fe, 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. W. E. Alsup 1247 Shafter Street San Mateo, California

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

Mrs. Evelyn Ellen Wallace, Co-trustee for Evelyn Ellen Wallace 14 Axtell Drive Scarsdale, New York El Paso Natural Gas Company OFFICE CCC

TENTH FLOOR BASSETT TOWER

1354 SEP E = M 8:48

353

El Paso, Texas

August 18, 1954

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 28-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

Enclosed herewith please find the following Ratification and Joinders of Unit Agreement and Unit Operating Agreement committing various interests to the above captioned Unit:

- 1. One (1) copy of Ratification and Joinder of Unit Agreement executed by M. A. Romero, et ux, and N. B. Stern committing their working interest under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 602.
- 2. One (1) copy of Ratification and Joinder of Unit Agreement executed by J. R. Abercrombie et ux and Joe Quinn et ux, committing their working interest under Tracts 3 through 8, inclusvie, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 601.
- 3. One (1) copy of Ratification and Joinder of Unit Agreement executed by T. H. McElvain et ux, committing their working interest under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 597.

- 4. One (1) copy or Ratification and Joinder of Unit Agreement executed by R. P. Timmin et ux, committing their working interest under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 599.
- 5. One (1) copy of Ratification and Joinder of Unit Agreement executed by W. E. Alsup et ux, committing their working interest under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 596.
- 6. One (1) copy of Ratification and Joinder of Unit Agreement executed by Omega E. Quinn committing her working interest under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 600.
- 7. One (1) copy of Ratification and Joinder of Unit Agreement executed by H. O. Pool et ux, committing their working interest under Tracts 3 through 8 inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 598.
- 8. 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 working interests under Tracts 3 through 8, inclusive, and their overriding royalty interest under Tracts 4, 6, 8 and 9 to the above captioned 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 462.
- 9. One (1) copy of Ratification and Joinder of Unit Agreement executed by Foster Morrell et ux, committing their overriding royalty interest under Tract 11 to the above captioned 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 595.

- 10. One (1) copy of Ratification and Joinder of Unit Agreement executed by Russell Ernest Arnold et ux, committing their basic royalty interest under Tracts 12, 24 and 25 to the above captioned 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 594.
- 11. One (1) copy of Ratification and Joinder of Unit Agreement executed by Charles C. Harlan, Jr. committing his overriding royalty interest under Tract 11 to the above captioned 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 593.
- 12. One (1) copy of Ratification and Joinder of Unit Operating Agreement executed by T. H. McElvain et ux, committing their working interest under Tracts 3 through 8, inclusive, to the above captioned 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 R. P. Timmin et ux, committing their working interest under Tracts 3 through 8, inclusive, to the above captioned 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 H. O. Pool et ux, committing their working interest under Tracts 3 through 8, inclusive, to the above captioned Unit.
- 15. 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 interest under Tracts 3 through 8, inclusive, to the above captioned 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 M. A. Romero et ux and N. B. Stern committing their work—ing interest under Tracts 3 through 8, inclusive, to the above captioned 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 Omega E. Quinn committing her working interest under Tracts 3 through 8, inclusive, to the above captioned 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 W. E. Alsup et ux committing their working interests under Tracts 3 through 8, inclusive, to the above captioned 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 J. R. Abercrombie et ux, and Joe Quinn et ux, committing their working interest under Tracts 3 through 8, inclusive, to the above captioned Unit. This instrument has been filed with the United States Geological Survey.

Very truly yours,

EL PASO NATURAL GAS COMPANY

T W R1++1ck

Area Landman Lease Department

TWB/ROB/mas Enclosures

cc: Attached List

Re: San Juan 28-5 Unit

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

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

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

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

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

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 Mr. Joe Quinn Box 335 Santa Fe, 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. W. E. Alsup 1247 Shafter Street San Mateo, California

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

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

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			
ted in any number of counterparts with had signed the same document and shall counterpart hereof, regardless of whet parties owning or claiming an interest executed shall be binding upon the und	r of Unit Operating Agreement may be execu- the same force and effect as if all parties be binding upon all those who execute a her or not it is executed by all other in the lands affected hereby, and when so ersigned, his or her successors or assigns, nd conditions of said Unit Operating Agree-		
TA	?. 3, 5, 7		
<u>ADDRESS</u>	SIGNATURE		
117 E. Coronado	Jeant Tavan		
Santa Fe, New Mexico	Curora Patane		
Date:			
Date:			
STATE OF NEW MEXICO) SS	.:		
COUNTY OF EDDY			
On this 8th day of personally appeared Frank Patania and to be the person s described in ment, and acknowledged that they and deed.	July, , 195 3 , before me Aurora Patania, his wife, to me known and who executed the foregoing instru- executed the same as their free act		
IN WITNESS WHEREOF, I have h seal the day and year in this certific			
	Notary Public in and for		
My Commission expires:	Eddy County, State of		
May 12, 1957	New Mexico		

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

under Unit Agreement for the Develor San Juan 28 5 Unit of the Interior, the undersigned ow presently held or which may arise us interests in production covered by extent of his or her particular own consented to the inclusion of said and do hereby approve, adopt and raform and as submitted to the United	pment and Operation of the said, in form approved by the Secretary mers of lands or leases or interests therein inder existing option agreements or other said Unit Operating Agreement, each to the ership or interest, as may appear, have lands within the Unit Area therein defined, tify the said Unit Operating Agreement in the States Geological Survey in connection with r the Development and Operation of the said
executed in any number of counterpart parties had signed the same document execute a counterpart hereof, regard other parties owning or claiming an when so executed shall be binding up or assigns, subject to all the terms Operating Agreement.	
ADDRESS	SIGNATURE
320 Korber Building	Thomas I Harrington
Albuquerque, New Mexico	as his sole and separate estate
Date: July 29, 1953	
Date:	
STATE OF NEW MEXICO) COUNTY OF LERNALILLO	SS.
	July , 19 53 , ONAS F. HARRINGTON described in and who executed the foregoing he executed the same as his
IN WITNESS WHEREOF, I have seal the day and year in this certif	hereunto set my hand and affixed my official icate above written.
	Notary Public in and for Bernalillo County, State of New Mexico
My commission expires:	
1-9-1954	

RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE SAS JULY 28.5 Now RIO ARRIBA COUNTY NEW MEXICO

In consideration of the execution of Unit Agreement for the Development and Operating Agreement, the undersigned owners of lands or likely or which may arise under existing option production covered by said Unit Operating Agreement for the States Geological Survey in contradict of the United States Geological Survey in contradict of the United States Geological Survey in contradict of the United States Geological Survey in contradict of the Development and Operation of the Agreement for the Development and Spinder of United in any number of counterparts with the same had signed the same document and shall be bind counterpart hereof, regardless of whether or in parties owning or claiming an interest in the executed shall be binding upon the undersigned subject to all the terms, provisions and condiment.	approved by the Secretary of the eases or interests therein presently agreements or other interests in ement, each to the extent of his or ppear, have consented to the inclune defined, and do hereby approve, ment in the form and as submitted ection with the submission of Unit the said Unit Area. t Operating Agreement may be execute force and effect as if all parties ing upon all those who execute a ot it is executed by all other lands affected hereby, and when so, his or her successors or assigns,
ADDRESS	SIGNATURE
Date:	You Bolek
Date:	
STATE OF NEW MEXICO) COUNTY OF SAN JUAN)	
On this 5 day of August personally appeared Tom Bolack and Alice Bolace to be the persons described in and who ment, and acknowledged that they execute and deed.	ted the same as their free act
IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate above	set my hand and affixed my official we written.
My Commission expires:	Notary Public in and for San Juan County, State of New Mexico
August 22,1956	HCM MONTAG

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

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.			
executed in any number of counterpart parties had signed the same document execute a counterpart hereof, regardl other parties owning or claiming an i when so executed shall be binding upo or assigns, subject to all the terms, Operating Agreement. Applies to	der of Unit Operating Agreement may be as with the same force and effect as if all and shall be binding upon all those who less of whether or not it is executed by all interest in the lands affected hereby, and on the undersigned, his or her successors provisions and conditions of said Unit tract 14 & 15 and does not include		
1010 N. Dustin			
	Believ Delack		
Farmington, N. Mex.	16 m 30 last		
Date:			
STATE OF New Mexico			
COUNTY OF <u>San Juan</u>)	SS.		
to me known to be the person s de	July , 19 53 , Bolack & Tom Bolack, her husband, escribed in and who executed the foregoing hey executed the same as their		
IN WITNESS WHEREOF, I have been the day and year in this certific	hereunto set my hand and affixed my official cate above written.		
•	Notary Public in and for San Juan County, State of New Mexico		
My commission expires:			
My Loremus 11 hay 18. A			

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

Unit Agreement for the Development and Operation of the Said San Juan 28-5 Unit 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 Agree—			
TR. 17, 23	3		
ADDRESS	SIGNATURE		
220 Shelby Street	Frances & Briller		
Santa Fe, New Mexico	Makele M Miller		
Date: July 31, 1953			
Date:			
STATE OF New Mexico) COUNTY OF Santa Fe)			
On this 31st day of July personally appeared Forrest B. Miller and Ma to be the person s described in and wh ment, and acknowledged that they execuand deed.	belle M. Miller to me known o executed the foregoing instru-		
seal the day and year in this certificate abo	, "		
	Notary Public in and for Santa Fe County, State of		
inacca 7 1454	New Mexico		

In consideration of the	e execution of the Unit Agreement for the
Development and Operation of the Area located within the County of	TIO ARRIVA
New Mexico in form approved on be	ehalf of the Secretary of the Interior, the
	eases, or interests therein or royalties
presently held or which may arise	e under existing option agreements, or other
to the extent of his or her nart:	by said Unit Agreement hereby severally, each icular ownership or interest, as may appear,
consent to the inclusion of said	lands within the Unit Area therein defined,
	rms of said Unit Agreement and any modifica-
tions thereof approved by the Sec	cretary of the Interior or his duly authorised
representative as applicable to:	said several lands and interests, agree that
	he undersigned or under which the undersigned
	ended and modified to the extent necessary to ms of said Unit Agreement, agree that the drill
ing, development and producing re	equirements of all leases and other contracts
in which their several rights and	d interests are created or defined shall be
deemed fully performed by perform	mance of the provisions of said Unit Agreement,
and agree that payment for or del	livery of (whichever may be required under
	ly made at contract rates applied to the pro-
	t Agreement to the particular lands to which hall apply, regardless of actual production
	performance of all such obligations to the
undersigned existing under such	leases or other contracts.
	Joinder of Unit Agreement may be executed in
any number of counterparts with	the same force and effect as if all parties
	shall be binding upon all those who execute of whether or not it is executed by all other
	terest in the lands affected hereby, and when
so executed shall be binding upon	n the undersigned, his or her assigns or
successors in interest.	,
•	• .
	TRI
ADDRESS	SIGNATURE
1720 Likerte	Vinneloline
Laulen all	lahour Slade M. Filde
11-	//
Date: 6/15/53	
·	
STATE OF OKLAHOMA) , SS.:	•
COUNTY OF COMANCHE)	
COMMITTED	
On this loth day of June	e, 1953 before me appeared
Virgil E. Riddle	nd Gladys M. Riddle
his wife, to me known to be the person going instrument, and acknowledged to and deed.	s described in and who executed the fore- me they executed the same as their free act
My Commission expires:	
May 189 1957	Liner Cal Knell
	Notary Public in and for
	County,

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28.5 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 contract's 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 cr 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 1 STATE OF New Mexico) SS.: COUNTY OF Bernalillo) On this 15th day of June 🐇 $\frac{3}{2}$, before me appeared H. K. Riddle Dena Riddle 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, Bernalillo New Mexico

State of

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28 - 5 Hout Area located within the County of RIO ARRIBA 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 on 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 Jeinder 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. 1,16

ADDRESS 1404 Republic Bank Building	SIGNATURE 4 - Land Charles
Dallas 1, Texas	Grace Singson
Date: June 17, 1953	·
·	
STATE OF TEXA J) COUNTY OF DALLAS)	
On this 17th day of _	and Craw X confished in and who executed the fore-
MIS ALIE. TO ME KHOWN TO UP THE PET	sons described in and who executed the fore- to me they executed the same as their free act
My Commission expires: My Commission Expires June 1, 1935	Notary Public in and forR. SULLIVAN
	State of Sufar

any number of counterparts with the same for had signed the same document and shall be to a counterpart hereof, regardless of whether parties owning or claiming an interest in to so executed shall be binding upon the under successors in interest.	ERRIBA State of E Secretary of the Interior, the Interests therein or royalties Sting option agreements, or other It Agreement hereby severally, each Ership or interest, as may appear, In the Unit Area therein defined, I Unit Agreement and any modifica- the Interior or his duly authorized I lands and interests, agree that gned or under which the undersigned modified to the extent necessary to Unit Agreement, agree that the drill- s of all leases and other contracts are created or defined shall be ne provisions of said Unit Agreement, (whichever may be required under contract rates applied to the pro- t to the particular lands to which regardless of actual production of all such obligations to the other contracts. Unit Agreement may be executed in orce and effect as if all parties oriding upon all those who execute or cr not it is executed by all other the lands affected hereby, and when
TR. 2	• •
ADDRESS	SIGNATURE
Shirkmere Apt. Hotel, Wichita, Kansas	Parto Manier Grass
Shirkmere Apt. Hotel, Wichita, Kansas	J. M. Smist
Date: June 17, 1953	
STATE OF KANSAS) COUNTY OF SEDEWICK)	
On this 17th day of Ju	ne , 195 3 , before me appeared
R. H. Ernestan	d Grace Kramer Ernest
R. H. Ernest his wife, to me known to be the persons de going instrument, and acknowledged to me t	scribed in and who executed the role- hey executed the same as their free act
and deed.	French decided

Notary Public in and for_______County,

State of______Kansas_____

6

My Commission expires:

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28-5 Unit

Area located within the County of RIO ARRIBA 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, for 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. 2

ADDRESS % 533 W 18th St.	Charles Key Myle
Casper. Jyoming	Charles Rex Myles Latey Lou Myles Patsy Lou Myles
Date: June 38,1953	
STATE OF Apomin) SS.:	
	June, 1953, before me appeared
Omented Rex Myles	and Patsy Lou Myles, his wife
	Notary Public in and for
	State oi

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28-5 Unit Area loca 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) dil 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. 2

	ADDRESS	SIGNATURE
	2318 Fifth Avenue	Language Company of the company
		HELEN MAGRUDER
	Fort Worth, Texas	
Date:	July //, 1953	
ATTEST:	Moranian	THE FORT WORTH NATIONAL BANK, Independent Executor & Trustee of the Estate of Roy S. Magruder, Deceased
	Assistant Cashier	"Art prof
	Fort Worth, Texas	By Mulloy
Date:	July 11. 1953	F. O. Shelton Vice-President

STATE OF TEXAS	
COUNTY OF TARRANT) SS.:	
•	
On this <u>llth</u> day of appeared <u>F. O. SHELTON</u> being by me duly sworn, did say tha The Fort Worth National Bank, a corporation	July , 1953, before me , to me personally known, who, the is the <u>Vice-</u> President of d that the seal affixed to said
instrument is the corporate seal of instrument was signed and sealed in authority of its board of directors	behalf of said corporation by and said F. O. SHELTON
acknowledged said instrument to be corporation.	the free act and deed of said
IN WITNESS WHEREOF, I hav my official seal the day and year i	e hereunto set my hand and affixed n this certificate first above writter
My Commission expires:	and in the same of the
My Commission Expires June 1, 1955	Notary Public in and for
	Tarrant County, State of Texas
STATE OF) COUNTY OF) SS.:	FORM RACE SET OF STREET SET OF SERVICES
COONIT OF)	
On thisday of	, 195, before me
appeared his wife, to me known to be the per the foregoing instrument, and ackno as their free act and deed. My Commission expires:	and sons described in and who executed wledged to me they executed the same
	Notary Public in and for
	State of
STATE OF TEXAS)	
COUNTY OF TARRANT)	
	July , 195 <u>3</u> , before
me personally appeared HELEN Merchant, to me known to be the personal foregoing instrument, and acknowled the same as her free act and	on described in and who executed the iged to me thatshe executed
My Commission expires:	- Luth Aagon Mayo
My Commission Expires June 1, 1965	Notary Public in and for
• •	Chata of Bone

5 . B

RUTH RAGON MAYO Notery Lebile, Torrant County, Tenns

In consideration of the execution of the Unit Agreement for the San Juan 28 - 5 Unit Development and Operation of the_ 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. 2, 12	
ADDRESS 850 S. Santa Me Salina, Kansas Date: June 18, 1953	Sugh Campbell mary S. Campbell
STATE OF / ansas) COUNTY OF Salins) SS.:	
0	who executed the fore-
9	State of / Quantity,

Development and Operation of theSArea located within the County of	RIO ARRIBA of the Secretary of the Interior, the or interests therein or royalties r existing option agreements, or other d Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modifica- y of the Interior or his duly authorized everal lands and interests, agree that ersigned or under which the undersigned and modified to the extent necessary to said Unit Agreement, agree that the drill- ments of all leases and other contracts rests are created or defined shall be of the provisions of said Unit Agreement, of (whichever may be required under e at contract rates applied to the pro- ement to the particular lands to which pply, regardless of actual production rmance of all such obligations to the
any number of counterparts with the sa had signed the same document and shall a counterpart hereof, regardless of wh	be binding upon all those who execute ether or not it is executed by all other in the lands affected hereby, and when
	TR. 3,5,7,9
ADDRESS	SIGNATURE
117 E. Coronado	Jeank Ta Varin
Santa Fe, New Mexico	Quevara Patama
Date:	
STATE OF MEW MEXICO) COUNTY OF EDDY SS.:	
On this 8th day of July,	, 195_3 before me appeared
	Aurora Patania
his wife, to me known to be the persons desc going instrument, and acknowledged to me the and deed.	
My Commission expires:	
May 12, 1957	Vooling & comment
•	Notary Public in and for

State of New Mexico

In consideration of the execution of the Unit Agreement for the Development and Operation of the Area located within the County of San Juan 28 - 5 Unit Area located within the County of RIO APRIMA 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 communhip 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 authorised 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. 4, 6, 8

ADDRESS	SIGNATURE
1404 Republic Bank Bldg.	WH Eparks
Dallas l, Texas	•
Date: June 17, 1953	
1404 Republic Bank Bldg.	Tenreitta M. Sparks
Dallas 1, Texas	
STATE OF TEXAS) COUNTY OF DALLAS) On this 17th day of	June , 195 3:, before monagement
W. H. SPARKS	and HENRETTTA W. SPARUS
his wife, to me known to be the per	to me they executed the same as their free act
My Commission expires:	Mary July Pricitary Jan Hand
6-1-55	Notary Public in and for
11	State of TEXAS

In consideration of the San Juan 28 Area located within the County of RIO ARR. New Mexico in form approved on behalf of the San undersigned owners of lands or leases, or interested interests in production covered by said Unit to the extent of his or her particular owners consent to the inclusion of said lands within ratify, approve and adopt the terms of said Unit it is thereof approved by the Secretary of the representative as applicable to said several the term of any lease given by the undersigned claims an interest herein is extended and modimake the same conform to the terms of said Uniting, development and producing requirements of in which their several rights and interests at deemed fully performed by performance of the pand agree that payment for or delivery of (which prior agreements) oil and gas duly made at conduction allocated under said Unit Agreement to such rights or interests do or shall apply, retherefrom, shall constitute full performance of undersigned existing under such leases or other states.	State of ecretary of the Interior, the erests therein or royalties and option agreements, or other Agreement hereby severally, each hip or interest, as may appear, the Unit Area therein defined, nit Agreement and any modificate Interior or his duly authorized lands and interests, agree that dor under which the undersigned ified to the extent necessary to it Agreement, agree that the drillef all leases and other contracts are created or defined shall be provisions of said Unit Agreement, ichever may be required under intract rates applied to the proto the particular lands to which egardless of actual production of all such obligations to the er contracts.	
This Ratification and Joinder of Unany number of counterparts with the same force had signed the same document and shall be bin a counterpart hereof, regardless of whether constructed some or claiming an interest in the so executed shall be binding upon the undersignature of the successors in interest.	e and effect as if all parties ding upon all those who execute r not it is executed by all other lands affected hereby, and when	
14 Jaw Street Denner 9, delines	Head S. J. Law	
Date:JUN 2 4 1953		
STATE OF COLORADO) CITY AND) SS.: COUNTY OF DERVER)		
On this 24th day of June	, 1953, before me personally	
appeared <u>Hasel B. Quitzau</u> , a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that <u>s</u> he executed the same as <u>her</u> free act and deed.		
My Commission expires:	Marguet C. Facely	
February 15, 1954	Notary Public in and for City and County	
1.	of Denver County, State of Colorado	

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28 - 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 Umit 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. 11, 12

320 Korber Building	Thomas I. Harrington
Albuquerque, New Mexico	as his sole and separate estate
Date: July 29, 1953	
STATE OF REALIENTEC)) SS.: COUNTY OF BERNALILIE)	
On this 29th day of J	wly , 1953 , before me personally
the person described in and who executed the me that he he executed the same	, a single person, to me known to be ne foregoing instrument, and acknowledged as <u>his</u> free act and deed.
My Commission expires:	Sam Do
1- 9-1954	Notary Public in and for Bernalillo
	State of New Mexico

SIGNATURE

ADDRESS

In consideration of the execution of the Unit Agreement for the Development and Operation of the_ Sen Juan 28 - 5 Unit RIO ARRIBA Area located within the County of 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 revalties presently held or which may arise under existing option agreements, for 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 authorised 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 12

	ADDRESS	SIGNATURE
	P. O. Box 2289. Denver 1. Colorado.	WILSON PETROLEUM COMPANY
	ATTEST: Hlady Scoles Assistant Secretary	BY Alange Illila
	Date: <u>June 16, 1953.</u>	
TY &	STATE OF COLORADO) COUNTY OF DENVER)	
	On this 16th day of June	
	Floyd J. Wilson by me duly sworn, did say that he is the Petroleum Company, and that the is the corporate seal of said corporation, and and sealed in behalf of said corporation by and and said. Floyd J. Wilson	he seal affixed to said instrument d that said instrument was signed
	the free act and deed of said corporation.	acknowledged said instrument to be
	seal the day and warn in this contistant at	set my hand and affixed my official

Mildred Glenn Ha

Notary Public in and for City &

Colorado.

Smurky,

County of Denver.

State of_

seal the day and year in this certificate first above written.

by Commission expires:

CT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28.5 Unit

Area located within the County of RIO ARRIEA 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. 12

ADDRESS GAM DAZZO Room 624 First National Bank Building Albuquerque, Ham Maries	Som Dozzo Frances Dazzo
Date:	
STATE OF HE MEXICO) COUNTY OF BERNALILLO)	
On this <u>30th</u> day of	and FRANCIS DAZZO
his wife to me known to be the ner	to me they executed the same as their free act
My Commission expires: 11-15-1953	Notary Public in and for

Development and Operation of the Area located within the County of New Mexico in form approved on behalf undersigned owners of lands or leases, presently held or which may arise unde interests in production covered by sai to the extent of his or her particular consent to the inclusion of said lands ratify, approve and adopt the terms of tions thereof approved by the Secretar representative as applicable to said s the term of any lease given by the und claims an interest herein is extended make the same conform to the terms of ing, development and producing require in which their several rights and inte deemed fully performed by performance and agree that payment for or delivery prior agreements) oil and gas duly mad duction allocated under said Unit Agree such rights or interests do or shall a therefrom, shall constitute full performed existing under such leases This Ratification and Joinde any number of counterparts with the said had signed the same document and shall a counterpart hereof, regardless of when	of the Secretary of the Interior, the or interests therein or royalties rexisting option agreements, or other d Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modificaty of the Interior or his duly authorized everal lands and interests, agree that ersigned or under which the undersigned and modified to the extent necessary to said Unit Agreement, agree that the drillments of all leases and other contracts rests are created or defined shall be of the provisions of said Unit Agreement, of (whichever may be required under e at contract rates applied to the promement to the particular lands to which pply, regardless of actual production rmance of all such obligations to the or other contracts. The of Unit Agreement may be executed in the force and effect as if all parties be binding upon all those who execute ether or not it is executed by all other in the lands affected hereby, and when
ADDRESS	SIGNATURE
	Man & Jacons
	You Bolek
Date:	
STATE OF NEW MEXICO) SS.:	
On this 5 day of August	, 1953 , before me appeared
Tom Bolack and	Alice Bolack
his wife, to me known to be the persons desc going instrument, and acknowledged to me the and deed.	eribed in and who executed the fore- by executed the same as their free act
My Commission expires:	
August 22,1956	- Alle Transmission
	Notary Public in and for

County,

San Juan
State of New Mexico

In consideration of the execution of Development and Operation of the San Juan Area located within the County of RIO ARRI New Mexico in form approved on behalf of the Se undersigned owners of lands or leases, or interpresently held or which may arise under existing interests in production covered by said Unit Act to the extent of his or her particular ownersh consent to the inclusion of said lands within ratify, approve and adopt the terms of said Unitions thereof approved by the Secretary of the representative as applicable to said several lathe term of any lease given by the undersigned claims an interest herein is extended and modifing, development and producing requirements of in which their several rights and interests are deemed fully performed by performance of the pand agree that payment for or delivery of (whi prior agreements) oil and gas duly made at conduction allocated under said Unit Agreement to such rights or interests do or shall apply, retherefrom, shall constitute full performance of undersigned existing under such leases or other than the same document and shall be bind a counterpart hereof, regardless of whether creating or claiming an interest in the so executed shall be binding upon the undersigned successors in interest. Applies to tract tract No. 13.	State of cretary of the Interior, the crests therein or royalties ag option agreements, or other agreement hereby severally, each aip or interest, as may appear, the Unit Area therein defined, ait Agreement and any modificate Interior or his duly authorized ands and interests, agree that a or under which the undersigned of the extent necessary to a field to defined shall be provisions of said Unit Agreement, achever may be required under a tract rates applied to the proto the particular lands to which agardless of actual production all such obligations to the er contracts. It Agreement may be executed in and effect as if all parties and effect as if all parties and effect as if all parties and effect as if all other lands affected hereby, and when
ADDRESS	SIGNATURE
1010 N. Dustin	Clein Taloch
Farmington, N. Nex.	You Bolack
Date:	
STATE OF New Mexico) SS.: COUNTY OFSan Juan	
On this 10th day of July	, 1953, before me appeared
Tom Bolack and his wife, to me known to be the persons described.	Alice Bolack
going instrument, and acknowledged to me they and deed.	executed the same as their free act
My Commission expires:	Milliony ished
My Commission Experses As read 2. 10 Cats	Notary Public in and for San Juan 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 28-5 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 modifica-
tions 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 drill-
ing, 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 pro-
duction 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. 16
ADDRESS // SIGNATURE
July way 4
Walla Walla, Wash.
Date: June 19, 1953

STATE OF Washington SS.: COUNTY OF Walla Walla) June , 1953 , before me appeared On this 19th day of_ Ruth Callow _and_ Glenn H. Callow 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:

November 12, 1955

Notary Public in and for

County,

Walla Walla Co

State of_

Development and Operation of the	RIO ARRIBA State of of the Secretary of the Interior, the
tions thereof approved by the Secretar representative as applicable to said the term of any lease given by the unclaims an interest herein is extended make the same conform to the terms of ing, development and producing require in which their several rights and intedeemed fully performed by performance and agree that payment for or delivery prior agreements) oil and gas duly mad duction allocated under said Unit Agree such rights or interests do or shall a	of the provisions of said Unit Agreement, of (whichever may be required under de at contract rates applied to the pro- ement to the particular lands to which apply, regardless of actual production ormance of all such obligations to the
any number of counterparts with the sa had signed the same document and shall a counterpart hereof, regardless of wh	- ,
<u>ADDRESS</u>	SIGNATURE
220 Shelby Street	Forest Briller
Santa Fe, New Mexico	Thatele M. Mules
Date: July 31, 1953	
STATE OF New Mexico	
COUNTY OF Santa Fe	
On this 31st day of July	, 1953 before me appeared
France R Willey and	Mabelle M. Miller
his wife, to me known to be the persons desc going instrument, and acknowledged to me the and deed.	ribed in and who executed the lore- y executed the same as their free act

Notary Public in and for Santa Fe Cour State of New Maries

New Mestica

County,

My Commission expires:

Re: San Juan 28-5 Unit

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

Mr. R. N. Richey
Phillips Petroleum Company
Bartlesville, Oklahoma

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

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

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

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 Mr. Joe Quinn Box 335 Santa Fe, 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. W. E. Alsup 1247 Shafter Street San Mateo, California

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

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

In consideration of the execution of the Unit Agreement for the Development and Operation of the		
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	
<u> </u>	STONATURE (CO.)	
P. O. Box 2011	- grown	
P. O. Box 2011 Santa Fe, New Mexico		
Santa Fe, New Mexico		
Santa Fe, New Mexico Date: STATE OF NEW MEXICO		
Santa Fe, New Mexico		
Santa Fe, New Mexico Date: STATE OF NEW MEXICO SS COUNTY OF EDDY	July , 19 53 , before me	
Santa Fe, New Mexico Date: STATE OF NEW MEXICO SS COUNTY OF EDDY		
Santa Fe, New Mexico Date: STATE OF NEW MEXICO SS COUNTY OF EDDY SS On this 8th day of personally appeared Joe Quinn and Kathle	en Quinn, his wife,	
STATE OF NEW MEXICO COUNTY OF EDDY On this 8th day of personally appeared Joe Quinn and Kathle to me known to be the person a description deed.	ibed in and who executed the foregoing executed the same as their free ereunto set my hand and affixed my official	
STATE OF NEW MEXICO STATE OF NEW MEXICO COUNTY OF EDDY On this 8th day of personally appeared Joe Quinn and Kathle to me known to be the person description and they act and deed. IN WITNESS WHEREOF, I have here	ibed in and who executed the foregoing executed the same as their free ereunto set my hand and affixed my official	
STATE OF NEW MEXICO STATE OF NEW MEXICO COUNTY OF EDDY On this 8th day of personally appeared Joe Quinn and Kathle to me known to be the person description and they act and deed. IN WITNESS WHEREOF, I have here	ibed in and who executed the foregoing executed the same as their free ereunto set my hand and affixed my official	

May 12, 1957

STATE OF)	
COUNTY OF) SS.:)	
On this	day of	, 195, before me appeared
The second second		
by me duly sworn, did	say that he is th	e, to me personally known, who, being
	of said corporati	d that the seal affixed to said instrument on, and that said instrument was signed n by authority of its board of directors, acknowledged said instrument to be on.
the free act and deed	of said corporati	on.
I N WITNESS V	WHEREOF, I have be	reunto set my hand and affixed my official te first above written.
My Commission expires		
	.	
		Notary Public in and for
		State of
STATE OF NEW MEXICO)	
COUNTY OF EDDY) SS.:	
	•	
•	To 3	
On this 8th		, 1953 before me appeared
	to be the persons	Alicia V. Romero described in and who executed the fore- they executed the same as their free act
My Commission expires:	:	
May 12, 1957		(L. E. Tonham ()
	•	Notary Public in and for
		Eddy Gounty, State of New Mexico
		State of New Mexico
STATE OF NEW MEXICO)	
COUNTY OF EDDY)	
On this 8	th day of Ju	1ly , 195 3 , before me personally
the person described :	in and who execute	, a single person, to me known to be d the foregoing instrument, and acknowledged ame as his free act and deed.
My Commission expires	:) () ()
May 12, 1957	•	Vin E. Trehm)
		Notary Public in and for
		Eddy County, State of New Mexico
		- MEM MEXTCO

In consideration of the execution Development and Operation of the San Ju	on of the Unit Agreement for the
Area located within the County of RIO AR	
New Mexico in form approved on behalf of th	
undersigned owners of lands or leases, or	
presently held or which may arise under exi	
interests in production covered by said Un	
to the extent of his or her particular own	
consent to the inclusion of said lands wit	
ratify, approve and adopt the terms of sai	
tions thereof approved by the Secretary of	
representative as applicable to said sever	
the term of any lease given by the undersi claims an interest herein is extended and	
make the same conform to the terms of said	
ing, development and producing requirement	
in which their several rights and interest	
deemed fully performed by performance of t	
and agree that payment for or delivery of	
prior agreements) oil and gas duly made at	
duction allocated under said Unit Agreemen	
such rights or interests do or shall apply	
therefrom, shall constitute full performance	
undersigned existing under such leases or	other contracts.
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any number of counterparts with the same f	Unit Agreement may be executed in
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a counterpart hereof, regardless of whether	
parties owning or claiming an interest in	
so executed shall be binding upon the unde	
successors in interest.	reading, and ar not appressing of
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ADDRESS	SIGNATURE
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fortate non	Frolly Dick Pleurou lie
Date:	
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Ars 3 > 5 Jautofenin	
JASSS JUNGTEHW	
done	Kat lakeen Qui
	- Junior
Date:	
TAXABANER AND AGNORMATOR TO.	
APPROVED AND CONSENTED TO:	APPROVED AND CONSENTED TO:
EL PASO NATURAL SAS COMPANY	GENERAL AMERICAN OIL COMPANY OF TEXAS
By // Oxer	By Fordmompson
Vice President	Vice President
WORKING INTEREST OWNER	WURKING INTEREST OWNER
UNIT OPERATOR	

Vice President WORKING INTEREST OWNER

STATE OF	CC 4	
COUNTY OF	SS.:	
		*
On thisd	ay of	, 195, before me appeared
		, to me personally known, who, being President of
by me duly sworn, did say	that he is the and the	President of the seal affixed to said instrument
is the corporate seal of s	aid corporation	, and that said instrument was signed
and sealed in behalf of sa	id corporation l	by authority of its board of directors.
and said the free act and deed of s	aid corporation	acknowledged said instrument to be
	-	
IN WITNESS WHERE seal the day and year in the		unto set my hand and affixed my official first above written.
16 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
My Commission expires:		
		Notary Public in and for
		County,
		State of
STATE OF PERIOD	·	
,	SS.:	
COUNTY OF SUDY)		
On this 8th	_day of July	, 1953_, before me appeared
" D. Alexanoumbile		nd Dorothy Dick Abercrombie
J. R. Abercrombie		escribed in and who executed the fore-
going instrument, and ackn	owledged to me t	they executed the same as their free act
and deed.		$(6 \epsilon + 6 \epsilon)$
My Commission expires:		John Sochen, 100
May 12, 1957		Notary Public in and for
		Eddy County.
		State of State of
unici i criacció. Nemen elle per la come de le representa qualitari. Virille escolo producto del productivo del come de la come de l	Bungan visitener i gen gilan vendifanosomiyuzmige filosi	Parameter (Parameter (Parameter)) in a supplementation of the contraction of the contract
TATE OF MEXICO	•	,
	——————————————————————————————————————	
OUNTY OFEDDY)	
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ersonally appeared Joe win	u and katuleeu	luinn, his wife,
o me known to be the person nstrument, and acknowledged ct and deed.	described that they	d in and who executed the foregoing executed the same as <u>their</u> free
IN WITNESS WHERE eal the day and year in thi		unto set my hand and affixed my official bove written.
y commission expires:)	AL E. C. J. ()
-		tary Public in and for Eddy
lay 12, 1957	Cou	inty, State of New Mexico

Development and Operation of the Area located within the County of New Mexico in form approved on behalf of undersigned owners of lands or leases, presently held or which may arise under interests in production covered by said to the extent of his or her particular consent to the inclusion of said lands ratify, approve and adopt the terms of tions thereof approved by the Secretary representative as applicable to said set the term of any lease given by the undersians an interest herein is extended a make the same conform to the terms of sing, development and producing requirem in which their several rights and interdeemed fully performed by performance of and agree that payment for or delivery prior agreements) oil and gas duly made duction allocated under said Unit Agree such rights or interests do or shall aptherefrom, shall constitute full perfor undersigned existing under such leases This Ratification and Joinder any number of counterparts with the same had signed the same document and shall	of the Secretary of the Interior, the or interests therein or royalties existing option agreements, or other Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modification of the Interior or his duly authorized everal lands and interests, agree that resigned or under which the undersigned and modified to the extent necessary to aid Unit Agreement, agree that the drillments of all leases and other contracts ests are created or defined shall be of the provisions of said Unit Agreement, of (whichever may be required under at contract rates applied to the proment to the particular lands to which ply, regardless of actual production mance of all such obligations to the or other contracts. of Unit Agreement may be executed in the force and effect as if all parties be binding upon all those who execute ther or not it is executed by all other in the lands affected hereby, and when indersigned, his or her assigns or
<u>ADDRESS</u>	SIGNATURE
220 Shelby Street	1 AMElvain
Santa Fe, New Mexico	Cotherine B. McElvain
July 31, 1953	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS CEMEANY BY	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS By Sympan
Vice President WORKING INTEREST OWNER UNIT OPERATOR	Vice President WORKING INTEREST OWNER;

APPROVED AND GOVERNOON TO:
STANDLIND CIL COD GAS COMPANY

Vice President
WORKING INTEREST OWNER

STATE OF) SS.:			
COUNTY OF			
On this day	7 of	, 195	, before me appeared
y me duly sworn, did say tha		, to me perso	nally known, who, being
is the corporate seal of said and sealed in behalf of said	corporation	that the seal a a, and that said by authority of acknowledge	ffixed to said instrument instrument was signed
IN WITNESS WHEREOF, eal the day and year in this			d and affixed my official itten.
ty Commission expires:	•		
		Notary Public	in and for
		State of	County,
STATE OF New Mexice) SS.:			
COUNTY OF Santa Fe			
On this 31st day of	July	, 195 <u>_3</u>	, before me appeared
T. H. McElvain is wife, to me known to be to going instrument, and acknowled and deed.	he persons d		who executed the fore-
y Commission expires:			
march 7, 1954		Then W.	Burllian
			c in and for
		State of No.	County,
STATE OF) SS.:			
OUNTY OF)			
On this day			, before me personally
appeared_the person described in and w to me thathe exec	ho executed	the foregoing i	person, to me known to be nstrument, and acknowledge free act and deed.
fy Commission expires:			
		Notary Publ	ic in and forCounty,
		State of	County,

In consideration of the execution of Development and Operation of the San Jua	
Area located within the County of RIO	
New Mexico in form approved on behalf of the	Secretary of the Interior, the
undersigned owners of lands or leases, or int	
presently held or which may arise under exist interests in production covered by said Unit	
to the extent of his or her particular owners	
consent to the inclusion of said lands within	
ratify, approve and adopt the terms of said Un	
tions thereof approved by the Secretary of the	e Interior or his duly authorized
representative as applicable to said several the term of any lease given by the undersigned	
claims an interest herein is extended and mod	
make the same conform to the terms of said Un	
ing, development and producing requirements of in which their several rights and interests as	
deemed fully performed by performance of the	
and agree that payment for or delivery of (who	
prior agreements) oil and gas duly made at con	
duction allocated under said Unit Agreement to	
such rights or interests do or shall apply, retherefrom, shall constitute full performance	
undersigned existing under such leases or other	
This Ratification and Joinder of Uni	
any number of counterparts with the same force had signed the same document and shall be bine	
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parties owning or claiming an interest in the	
so executed shall be binding upon the undersign successors in interest.	gned, his or her assigns or
Jr. 4, 6, 8,	. <i>9</i>
	•
ADDRESS	SIGNATURE
10 A 75mm (6/ / 3/11	A Line in a
P. O. Sex S.G. All requestress, N. M.	To Activities
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	Mariels Junion
Date: /-16-7/	
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Date:	
ADDDOVED AND CONCENTOD TO	•
APPROVED AND CONSENSED TO:	ADDDOVED AND CONCENTED TO
EL PASO MATURAL DAS COMPANY	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS
Vice President	By Fordon Simpson
WORKING INTEREST OWNER	Vice President
UNIT CPERATOR	WORKING INTEREST OWNER
ADDROUGH AND GOMERNMEND MO.	: = ::::==============================

Vice President
WORKING INTEREST OWNER

STATE OF)		
COUNTY OF) SS.:)		
On this	day of	, 195	, before me appeared
		, to me perso	nally known, who, being
by me duly sworn, did	say that he is the	President	of
and easled in hehalf o	of said corporation	on, and that said	ffixed to said instrument instrument was signed its board of directors, d said instrument to be
In Witness v	WHEREOF, I have her	reunto set my han	d and affixed my official
seal the day and year		te lirst above wr	itten.
My Commission expires	•		
	•	Notary Public	in and for
		State of	County,
		•	
STATE OF New 16x100)		
STATE OF New Parison COUNTY OF Permalillo) 55.:		
**			
On this 16	thday of gril	, 195_4	, before me appeared
A. I. Timein	And	Prences Ting	
his wife, to me known	to be the persons	described in and	who executed the fore- he same as their free act
My Commission expires:		. 1	
_24_55	•	Gaul	ine Beviel
			c in and for
		State of	in Location
STATE OF)		
COTINEY OF) SS.:		
COUNTY OF	,		
On this	day of	, 195	, before me personally
appeared the person described it to me that	in and who executed	l the foregoing i	person, to me known to be nstrument, and acknowledge free act and deed.
My Commission expires:	_		
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		Water Park?	in in and for
			ic in and for County,
	¥	State of	
	÷		

Area located within the County of	the Secretary of the Interior, the interests therein or royalties xisting option agreements, or other nit Agreement hereby severally, each nership or interest, as may appear, thin the Unit Area therein defined, id Unit Agreement and any modificate the Interior or his duly authorized ral lands and interests, agree that igned or under which the undersigned modified to the extent necessary to d Unit Agreement, agree that the drilless of all leases and other contracts the are created or defined shall be the provisions of said Unit Agreement, (whichever may be required under t contract rates applied to the pronnt to the particular lands to which y, regardless of actual production note of all such obligations to the other contracts. If Unit Agreement may be executed in force and effect as if all parties binding upon all those who execute er or not it is executed by all other the lands affected hereby, and when
successors in interest. A. 4,6,	
ADDRESS	SIGNATURE
1247 Shafter Street	W. S. Slang.
Sen Meteo, California	Oscaline J. Alsup
Date:	
•	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL CAS COMPANY By	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS By Hardon Sumpson
Vice President WORKING INTEREST OWNER UNIT CPERATOR	WORKING INTEREST OWNER

APPROVED AND COUSEVERD TO:
STANDLIND OIL ON CAS COMPANY
BY COULD VICE President
WORKING INTEREST OWNER

STATE OF) \		
COUNTY OF) SS.:)		
On this	day of	, 195,	before me appeared
y me duly sworn, did		, to me personall	y known, who, being
is the corporate seal and sealed in behalf or and saidthe free act and deed	of said corporation	on, and that said ins n by authority of itsacknowledged sa	ed to said instrument trument was signed board of directors.
IN WITNESS W seal the day and year	•		d affixed my official n.
y Commission expires:			
····		Notary Public in	
		State of	Gounty,
STATE OF SENSEXICO SOUNTY OF SECON)) SS.:		
OUNTY OF LEGY)		
-	•		
		, 195 <u>3</u> , be	-
nis wife, to me known going instrument, and and deed.	to be the persons		
y Commission expires:		00 1	Cr. C.
by 12, 1957		Ja 5. 5	al fir
		/ /	and for
STATE OF COUNTY OF) SS.:		
On this	day of	, 195,	before me personally
appeared the person described i to me that	n and who execute	ed the foregoing instr	son, to me known to be rument, and acknowledge ee act and deed.
My Commission expires:			
	•	es le cel es printe migra pal l'étre par mise de les annages	
		Notary Public i	n and forCounty,
		State of	

Development and Operation of the Area located within the County of New Mexico in form approved on behalf or undersigned owners of lands or leases, presently held or which may arise under interests in production covered by said to the extent of his or her particular consent to the inclusion of said lands ratify, approve and adopt the terms of tions thereof approved by the Secretary representative as applicable to said set the term of any lease given by the unde claims an interest herein is extended a make the same conform to the terms of sing, development and producing requirem in which their several rights and interdeemed fully performed by performance of and agree that payment for or delivery prior agreements) oil and gas duly made duction allocated under said Unit Agree such rights or interests do or shall appears therefrom, shall constitute full performed existing under such leases This Ratification and Joinder any number of counterparts with the same had signed the same document and shall	state of the Secretary of the Interior, the or interests therein or royalties existing option agreements, or other Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modificate of the Interior or his duly authorized everal lands and interests, agree that exigned or under which the undersigned and modified to the extent necessary to eaid Unit Agreement, agree that the drillments of all leases and other contracts exists are created or defined shall be of the provisions of said Unit Agreement, of (whichever may be required under at contract rates applied to the proment to the particular lands to which ply, regardless of actual production mance of all such obligations to the or other contracts. To funit Agreement may be executed in the force and effect as if all parties be binding upon all those who execute ther or not it is executed by all other in the lands affected hereby, and when indersigned, his or her assigns or
Address	SIGNATURE
Box 896	auega & Quein
Albuquerque, New Mexico	
Date:	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS EGMPANY By Vice President WORKING INTEREST OWNER UNIT CPERATOR APPROVED AND COMMENTED TO: STANDOTHLO CLU ARE GAS COMPANY BY VICE OF PROCERT WORELING INTERCENT CAMER	APPHOVED AND CONSENTED TO: CINCIPAL AMERICAN CIL COMPANY OF TEXAS BY Vice President WORKING INTEREST OWNER.

STATE OF) SS.,	
COUNTY OF) 33.1	
		·
On this	day of	, 195, before me appeared
or mo dultr money de	ld com that he do t	to me personally known, who, being thePresident of
	8	and that the seal affixed to said instrument
is the corporate sea	al of said corporat	tion, and that said instrument was signed on by authority of its board of directors,
and said	. or some our por a cr	acknowledged said instrument to be
the free act and dee	ed of said corporat	tion.
		mereunto set my hand and affixed my official cate first above written.
My Commission expire	∌\$\$	
		
		Notary Public in and for
		State ofCounty,
STATE OF) } SS.:	
COUNTY OF	} .	
his wife, to me know	m to be the person	nd as described in and who executed the forement they executed the same as their free act
and deed.	•	
My Commission expire	35\$	n de la companya de
		Notary Public in and for
		State of
STATE OF NEW MEXICO	SS.:	
COUNTY OF EDDY)	•
On this 8	th day of J	uly , 195 3 , before me personally
appeared Omega E. Q	\uinn	, a single person, to me known to be
the person described to me thats	l in and who execut	ed the foregoing instrument, and acknowledge same as her free act and deed.
y Commission expire	88	$()_{\alpha}$
May 12, 1957		John & Cooking ()
		Notary Public in and for
		Eddy County, State of New Mexico
		PLANTAGE AND THE TAXABLE TO A TOP A

. 197

In consideration of the execution	of the Unit Agreement for the
Development and Operation of the San Juneal located within the County of RIC	Jan 28 - 5 Unit
New Mexico in form approved on behalf of the	O ARRIBA State of Secretary of the Interior the
undersigned owners of lands or leases, or in	
presently held or which may arise under exist	
interests in production covered by said Unit	
to the extent of his or her particular owners	
consent to the inclusion of said lands within ratify, approve and adopt the terms of said	
tions thereof approved by the Secretary of the	
representative as applicable to said several	
the term of any lease given by the undersigned claims an interest herein is extended and modern and the statement of the stat	
make the same conform to the terms of said U	
ing, development and producing requirements	
in which their several rights and interests	
deemed fully performed by performance of the	•
and agree that payment for or delivery of (when the prior agreements) oil and gas duly made at compared to the prior agreements.	
duction allocated under said Unit Agreement	
such rights or interests do or shall apply,	regardless of actual production
therefrom, shall constitute full performance	
undersigned existing under such leases or other	her contracts.
This Ratification and Joinder of U	nit Agreement may be executed in
any number of counterparts with the same force	ce and effect as if all parties
had signed the same document and shall be bir	
a counterpart hereof, regardless of whether oparties owning or claiming an interest in the	
so executed shall be binding upon the undersi	
successors in interest.	
As a second	
M. 7, 6, 8, 9	
ADDRESS	SIGNATURE
	Oto o
P. O. Box 1150	W(X) 00.00
Distruing, Toyas	Thelma K. Faal
Date:	
·	
Date:	
APPROVED AND CONSENTED TO:	REVED AND CONSENTED TO:
APPROVED AND CONSENTED TO: EL PASO NOTURAL GAS COMPANY	GENERAL AMERICAN OIL COMPANY OF TEXAS
APPROVED AND CONSENTED TO: EL PASO NOTURAL GAS CÓMPANY By	GENERAL AMERICAN OIL COMPANY OF TEXAS By Fordon Sumpson
APPROVED AND CONSENTED TO: EL PASO NOTURAL GAS COMPANY	GENERAL AMERICAN OIL COMPANY OF TEXAS

APPROVED

APPROVED AND CONSENTED TO:
STANDLIND OIL AND GAS COMPANY

BY

Vice President

WORKING INTEREST OWNER

STATE OF	
COUNTY OF) SS.:	
On thisday of	, 195, before me appeared
by me duly sworn, did say that he is the	, to me personally known, who, being
And	that the seal affixed to said instrument
is the corporate seal of said corporation and sealed in behalf of said corporation and said	by authority of its board of directors,
and said the free act and deed of said corporation	on.
IN WITNESS WHEREOF, I have ber seal the day and year in this certificat	eunto set my hand and affixed my official te first above written.
My Commission expires:	
	Notary Public in and for
	State of
	50000
STATE OF Texas)) SS.:	
COUNTY OF Hale	
On the 19th down of July	, 1953 , before me appeared
H. O. Pool and	Thelma K. Pool described in and who executed the fore-
going instrument, and acknowledged to me and deed.	they executed the same as their free act
My Commission expires:	
June 1, 1955	Jane Janker Etoise Por
	Notary Public in and for Hale
	State of Texas
	State of Texas
STATE OF)	
COUNTY OF)	
•	, 195, before me personally
the person described in and who executed to me thathe executed the second	a single person, to me known to be the foregoing instrument, and acknowledged ame asfree act and deed.
My Commission expires:	
- -	• •
	27 A
	Notary Public in and for County,
	State of

In consideration of the execution of the Unit Agreement for the Bevelopment and Operation of the San Juan 28.5 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 e
Jh. 4,6,8,7
<u>ADDRESS</u> <u>SIGNATURE</u>
14 Actus Daiso James AJam
Scarsdale Mus York May Eyen Brown Wife
Date: 5. Brown Widow
Evelyn Ellen Wallace
Date: Euclyn Elew Colablice
APPROVED AND CONSENTED TO: Wallace

WORKING INTEREST OWNER;

APPROVED AND CONSENTED TO:

GENERAL AMERICAN OIL COMPANY OF TEXAS

Sompan?
Vice President

WORKING INTEREST OWNER UNIT OPERATOR

APPROVED AND CONSENTED TO:
STANDLIND CIL AND GAS COMPANY
TICS President
WORKING INTEREST OWNER

Vice President

STATE OF)	
COUNTY OF) SS.:)	
	•	
On this	day of	, 195, before me appeared
		. to me personally known, who, being
y me duly sworn, did	say that he is the	, to me personally known, who, being President of that the seal affixed to said instrument
	of said corporation, f said corporation b	and that said instrument was signed by authority of its board of directors,
IN WITNESS W seal the day and year		nto set my hand and affixed my official first above written.
ty Commission expires:		
		Notary Public in and for
		County,
		State of
STATE OF NEW YORK))	
) > SS.:	
COUNTY OF WESTCHESTER) ·	
	to be the persons de	Mary Ellen Brown scribed in and who executed the fore- they executed the same as their free act
My Commission expires:		
	LIENIDA D. COLIMINATO	Liney & Schindle
	HENRY B. SCHINDLER Notary Public, State of New York No. 60-5499375 Qualified in Westchaster County Term Expires March 30, 1955	Notary Public in and forCounty, State of
STATE OF NEW YORK)	
	SS.:	
COUNTY OF WESTCHESTER)	
Evelyn Ellen Wa appeared Evelyn Ellen	llace Co-Trustee for Wallace	a single person,/to me known to be
		the foregoing instrument, and acknowledged as their free act and deed.
My Commission expires:		Jenn B. Sehindler
	•	Notary Public in and for
		County,

State of_

In consideration of the execution of the Unit Agreem	ent for the
Development and Operation of the San Juan 28-5 Unit	
Area located within the County of RIO ARRIBA	State of
New Mexico in form approved on behalf of the Secretary of the	
undersigned owners of lands or leases, or interests therein or	royalties
presently held or which may arise under existing option agreem	ents, or other
interests in production covered by said Unit Agreement hereby	severally, each
to the extent of his or her particular ownership or interest,	
consent to the inclusion of said lands within the Unit Area th	
ratify, approve and adopt the terms of said Unit Agreement and	
tions thereof approved by the Secretary of the Interior or his	
representative as applicable to said several lands and interes	
the term of any lease given by the undersigned or under which	
claims an interest herein is extended and modified to the externed	
make the same conform to the terms of said Unit Agreement, agr	
ing, development and producing requirements of all leases and	
in which their several rights and interests are created or defi	
deemed fully performed by performance of the provisions of said	
and agree that payment for or delivery of (whichever may be re	
prior agreements) oil and gas duly made at contract rates appli	
duction allocated under said Unit Agreement to the particular	
such rights or interests do or shall apply, regardless of actu	
therefrom, shall constitute full performance of all such obligh	
undersigned existing under such leases or other contracts.	actions 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 i	
had signed the same document and shall be binding upon all tho	
a counterpart hereof, regardless of whether or not it is execu	
parties owning or claiming an interest in the lands affected h	
so executed shall be binding upon the undersigned, his or her	aggione or
and a control of the	*GOTENG OT

Tr. 11

ADDRESS	SIGNATURE
P. O. Bex 933	Joster morrell
Reswell, New Mexico	Edna E. Imanell
Date: January 27, 1954	
Date:	
APPROVED AND CONSENTED TO:	APPROVED AND CONSENTED TO:
EL-PASO NATURAL CAS-CEMPANY	
Du Desident	By Thomas I Sarington
Vice President	Thomas F. Harrington
WORKING-INTEREST-OWNER	WORKING INTEREST OWNER

STATE OF)	
COUNTY OF SS.:	
On thisday of	, 195, before me appeared
y me duly sworn, did say that he is	the President of
	and that the seal affixed to said instrument
	ation, and that said instrument was signed tion by authority of its board of directors, acknowledged said instrument to be ation.
the iree act and deed of said corpor	retou.
IN WITNESS WHEREOF, I have seal the day and year in this certif:	hereunto set my hand and affixed my official icate first above written.
fy Commission expires:	
	Notary Public in and for
	County.
	State of
STATE OF NEW MEXICO)	
STATE OF NEW MEXICO) SO.: COUNTY OF CHAVES	
COUNTY OF CHAVES)	
Control 27th day of Jam	before me appeared
Foster Morrell	and Edne E. Morrell
•	ons described in and who executed the fore- o me they executed the same as their free act
ty Commission expires:	
3/16/57	Ernest Lee Hodge
	() ()
	Notary Public in and for
	State of New Mexico
•	
STATE OF	
) SS.: County of	
•	
On thisday of	, 195, before me personally
appe ared	a single person, to me known to be
the person described in and who execu	uted the foregoing instrument, and acknowledged a same asfree act and deed.
My Commission expires:	
	Notary Public in and for County.

State of_

In consideration of the execution of the Unit Agreement for the
Development and Operation of the San Juan 28-5 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 modifica-
tions 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 drill-
ing, 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 pro-
duction 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.

Jn. 21, 24, 25

<u>ADDRESS</u>	SIGNATURE SIGNATURE Russell Ernest Arnold Clara Arnold Clara Arnold
Date:	
Date:	
Approved and Consented to: Stanolind Oil and Gas Company	

STATE OF) SS.:	
COUNTY OF)	
On thisday of	
by me duly sworn, did say that he is the,	to me personally known, who, being President of
is the corporate seal of said corporation, as and sealed in behalf of said corporation by	the seal affixed to said instrument and that said instrument was signed
IN WITNESS WHEREOF, I have hereunt seal the day and year in this certificate fi	o set my hand and affixed my official rst above written.
My Commission expires:	
	Notary Public in and for
	State ofCounty,
COUNTY OF San Juan SS.: On this 29th day of August Amount and and his wife, to me known to be the persons describing instrument, and acknowledged to me the and deed. My Commission expires: April 16, 1954	
STATE OF) COUNTY OF) SS.:	
On thisday of	, 195, before me personally
appeared	, a single person, to me known to be foregoing instrument, and acknowledged sfree act and deed.
My Commission expires:	•
	Notary Public in and for County,

In consideration of the execution of the Unit Agreement	for the
Development and Operation of the San Juan 28.5 Unit	
Area located within the County of RIO ARRIBA	State of
New Mexico in form approved on behalf of the Secretary of the Int	
undersigned owners of lands or leases, or interests therein or ro	yalties
presently held or which may arise under existing option agreement	s, or other
interests in production covered by said Unit Agreement hereby sev	erally, 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 there	in defined,
ratify, approve and adopt the terms of said Unit Agreement and any	
tions thereof approved by the Secretary of the Interior or his du	
representative as applicable to said several lands and interests,	
the term of any lease given by the undersigned or under which the	
claims an interest herein is extended and modified to the extent	
make the same conform to the terms of said Unit Agreement, agree	
ing, development and producing requirements of all leases and oth	
in which their several rights and interests are created or define	
deemed fully performed by performance of the provisions of said U	
and agree that payment for or delivery of (whichever may be requi	
prior agreements) oil and gas duly made at contract rates applied	
duction allocated under said Unit Agreement to the particular land	
such rights or interests do or shall apply, regardless of actual	
therefrom, shall constitute full performance of all such obligati	ons to the
undersigned existing under such leases or other contracts.	
This Ratification and Joinder of Unit Agreement may be	executed in

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. 11

•		
<u>ADDRESS</u> P. O. Box 933		Charles C. Harland.
Roswell, New Mexico		
Date: January 27, 1954		
Date:	_	
APPROVED AND CONSENTED TO: EL-PASO NATURAL CAS COMPANY		APPROVED AND CONSENTED TO:
WORKING INTEREST OWNER		By James & Harrington Thomas F. Harrington WORKING INTEREST OWNER

STATE OF)	
COUNTY OF) SS.:)	
On this	day of	, 195, before me appeared
		. to me personally known, who, being
oy me duly sworn, did	say that he is the	, to me personally known, who, being President of
and sealed in behalf	of said corporation	i that the seal affixed to said instrument on, and that said instrument was signed a by authority of its board of directors, acknowledged said instrument to be
the free act and deed	of said corporation	acknowledged said instrument to be on.
		reunto set my hand and affixed my official te first above written.
y Commission expires	*	
	-	Notary Public in and for
		County,
		State of
STATE OF)	
COUNTY OF) SS.:	
DON'IL OF	,	
On this	day of	, 195 before me appeared
		described in and who executed the fore- e they executed the same as their free act
My Commission expires	18	· · · · · · · · · · · · · · · · · · ·
	nto .)
		Notary Public in and for
		State ofCounty,
•		
STATE OF NEW MEXICO)	
STATE OF NEW MEXICO COUNTY OF CHAVES)	
On this	27th day of Janu	lary , 195 4 , before me personally
the person described to me that	in and who executed he executed the s	, a single person, to me known to be d the foregoing instrument, and acknowledged ame as his free act and deed.
My Commission expires	31	
3/16/57	,	Ernest Lee Hodges
0/14/57		comes one vor yes
		Notary Public in and for Chaves County, State of New Mexico
		State of New Mexico

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

Interior, the undersign held or which may arise production covered by her particular ownersh sion of said lands with adopt and ratify the sa	nit ned owners of e under exist said Unit Ope ip or interes hin the Unit aid Unit Oper eological Sur	, in for lands or ing option rating Agrat, as may Area there ating Agreevey in con	m approved by the Secretary of the leases or interests therein presently agreements or other interests in seement, each to the extent of his or appear, have consented to the inclusin defined, and do hereby approve, sement in the form and as submitted anection with the submission of Unit
ted in any number of co had signed the same do counterpart hereof, re- parties owning or claim executed shall be bind:	ounterparts we cument and she gardless of we ming an intering upon the ms, provision	rith the sa hall be bing thether or rest in the undersigne as and cond	nit Operating Agreement may be execu- me force and effect as if all parties ading upon all those who execute a not it is executed by all other a lands affected hereby, and when so ad, his or her successors or assigns, litions of said Unit Operating Agree-
4======	Mr.	3,5,	
ADDRESS			SIGNATURE
220 Shelby Street			AMF Comi
			D
Santa Fe, New Mexico	į.		(Alleren B. Miller
			sugaranting in the
Date:			
Date.	······································		
		· · · · · · · · · · · · · · · · · · ·	
Date:			
Date:STATE OF New Mexico)		
STATE OF New Mexico)		
STATE OF New Mexico COUNTY OF Santa Fe)))		
STATE OF New Mexico COUNTY OF Santa Fe On this 31st))) day of	July	, 1951, before me
STATE OF New Mexico COUNTY OF Santa Fe On this 31st personally appeared to be the person	H. McElvain described	Inly and Cathe in and wh	o executed the foregoing instru-
STATE OF New Mexico COUNTY OF Santa Fe On this 31st personally appeared to be the person	H. McElvain described	Inly and Cathe in and wh	rine B. McElvein to me known
COUNTY OF Santa Fe On this 11st personally appeared to be the person ment, and acknowledged and deed.	described that	July and Cathe in and wh execu	o executed the foregoing instru- ted the same as free act
COUNTY OF Santa Te On this 31st personally appeared to be the person ment, and acknowledged and deed. IN WITNESS WE	described that that that	and Cathe in and wh execu	to me known o executed the foregoing instruted the same as free act set my hand and affixed my official
COUNTY OF Santa Fe On this 11st personally appeared to be the person ment, and acknowledged and deed.	described that that that	and Cathe in and wh execu	to me known o executed the foregoing instruted the same as free act set my hand and affixed my official ve written.
COUNTY OF Santa Te On this 31st personally appeared to be the person ment, and acknowledged and deed. IN WITNESS WE seal the day and year i	described that that that	and Cathe in and wh execu	set my hand and affixed my official ve written. Solution to me known to me known instruted the foregoing instruted and instruted the same as free act
COUNTY OF Santa Fe On this 31st personally appeared 7. It to be the personal ment, and acknowledged and deed. IN WITNESS WE seal the day and year in the day and year in the day and year in the commission expires:	described that HEREOF, I haven this certi	in and where execute the record in a control of the	set my hand and affixed my official ve written. Solution Notary Public in and for County State of
COUNTY OF Santa Fe On this 31st personally appeared 7. It to be the personal ment, and acknowledged and deed. IN WITNESS WE seal the day and year in the day and year in the day and year in the commission expires:	described that that HEREOF, I have not this certification of the control of the certification	end Cathe in and wh execu e hereunto ficate abo	set my hand and affixed my official ve written. Notary Public in and for County, State of
COUNTY OF Santa Te On this 31st personally appeared to be the person ment, and acknowledged and deed. IN WITNESS WE seal the day and year i	described that HEREOF, I haven this certi	end Cathe in and wh execu e hereunto ficate abo	set my hand and affixed my official ve written. Notary Public in and for County, State of

UNIT CPERATOR

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

Unit Agreement for the Development and Opera	leases or interests therein presently n agreements or other interests in reement, each to the extent of his or appear, have consented to the incluein defined, and do hereby approve, eement in the form and as submitted nnection with the submission of Unit
This Ratification and Joinder of U ted in any number of counterparts with the s had signed the same document and shall be bi counterpart hereof, regardless of whether or parties owning or claiming an interest in the executed shall be binding upon the undersign subject to all the terms, provisions and conment.	nding upon all those who execute a not it is executed by all other e lands affected hereby, and when so ed, his or her successors or assigns,
ADDRESS	SIGNATURE
	\mathcal{O} \mathcal{O} .
P. C. Box 896	- Lunin
Albuquerque, New Mexico	Transport Discussion
Date: 6-4-54	
Date:	
STATE OF New Mexico) COUNTY OF Bernalillo) SS.:	
On this 4th day of June personally appeared R. P. Tinnin and Frances to be the person s described in and w ment, and acknowledged that they exec- and deed.	
IN WITNESS WHEREOF, I have hereunt seal the day and year in this certificate ab	o set my hand and affixed my official ove written. Auline Bures
My Commission expires:	Notary Public in and for
2-5-56	Bernalillo County, State of New Mexico

SO MATHRAL GAS COMPANY

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
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 On, G, S, SIGNATURE
Box 1150
Plainview, Texas Thelma K. Paal
Date:
Date:
STATE OF
COUNTY OF Hale
On this 9th day of July , 19 53 , before me personally appeared H. O. Pool and wife, Thelma K. Pool, 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.
sear the day and year in this certificate above written.
Notary Public in and for Hale County, State of Texas
My commission expires:
June 1. 1955
APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By The Plane

UNIT OPERATOR

Vice President

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

San Juan 28-5 Unit , in form Interior, the undersigned owners of lands or held or which may arise under existing option production covered by said Unit Operating Agreement for the Development and Operation Agreement for the Development and Operation of the Develop	approved by the Secretary of the leases or interests therein presently agreements or other interests in element, each to the extent of his or appear, have consented to the incluin defined, and do hereby approve, element in the form and as submitted nection with the submission of Unit
This Ratification and Joinder of United in any number of counterparts with the san had signed the same document and shall be bind counterpart hereof, regardless of whether or parties owning or claiming an interest in the executed shall be binding upon the undersigned subject to all the terms, provisions and condiment.	ding upon all those who execute a not it is executed by all other lands affected hereby, and when so d, his or her successors or assigns,
ADDRESS J. 3,5,7	CTONATIVOE
ADDRESS	SIGNATURE
14 Archell Drive	James A. ? roun.
14 PACILLE THIND	A C . V G . W I C
Second to the think	ma . 4440 h
Jack, No Jak	May Eller Brown-WIFE Evelyn G. Brown-WIPOW
	Ed GR.
Date:	Dregar M. Dreowa-Wipow
	JAMEN X STATE CO-TRUSTEE FOR
	ENELYN ELLEN WALLKE
Date:	Suelyn Ellen WALLKE Suelyn Ellen WALLKE
•	Suelyn Ellen WALLKE Suelyn Ellen WALLKE CO-TRUSTEE FOR
STATE OF NEW YORK)	Suelyn Ellen WALLKE Suelyn Ellen WALLKE
•	Suelyn Ellen WALLKE Suelyn Ellen WALLKE CO-TRUSTEE FOR
STATE OF NEW YORK)) SS.:	ENELYN ELLEN WALLACE Co-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me wallace own.Evelyn G.Brown & to me known o executed the foregoing instru-
STATE OF NEW YORK COUNTY OF WESTCHESTER On this 31st day of July personally appeared James A. Brown, Mary EllenBr to be the persons described in and who ment, and acknowledged that they execute and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate above	CO-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me wallace own.Evelyn G.Brown & to me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Schmidten
STATE OF NEW YORK COUNTY OF WESTCHESTER On this 31st day of July personally appeared James A. Brown, Mary EllenBr to be the persons described in and who ment, and acknowledged that they execut and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about the day and year in the day and year in this certificate about the day and year in	CO-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me Wallace www.Evelyn G.Brown & To me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Notary Public in and for Notary Public in and for
STATE OF NEW YORK On this 31st day of July personally appeared James A. Brown, Mary Ellen Br to be the persons described in and who ment, and acknowledged that they execut and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about the day and year in this certificate about My Commission expires: HENRY B. SCHINDLER Notary Public, State of New No. 60-3499875	Suelyn Clear Lelchaee Co-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me Wallace own. Evelyn G. Brown & To me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Notary Public in and for County, State of
STATE OF NEW YORK On this 31st day of July personally appeared James A. Brown, Mary Ellen Br to be the persons described in and who ment, and acknowledged that they execut and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about the day and year in the day and year in this certificate about the day and year in this certificate about the day and year in the day and year in the	CO-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me Wallace www.Evelyn G.Brown & to me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Notary Public in and for County, State of
STATE OF NEW YORK On this 31st day of July personally appeared James A. Brown, Mary Ellen Br to be the persons described in and who ment, and acknowledged that they execut and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about the day and yea	CO-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me Wallace www.Evelyn G.Brown & to me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Notary Public in and for County, State of
STATE OF NEW YORK COUNTY OF WESTCHESTER On this 31st day of July personally appeared James A. Brown, Mary EllenBr to be the persons described in and who ment, and acknowledged that they execute and deed. IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about the day and year in this certificat	CO-TRUSTEE FOR EVELYN ELLEN WALLACE , 195 3 before me Wallace www.Evelyn G.Brown & to me known o executed the foregoing instruted the same as their free act set my hand and affixed my official we written. Notary Public in and for cork County, State of

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

Unit Agreement for the San Juan 28 - 5 0 Interior, the undersig held or which may arise production covered by her particular ownersh sion of said lands wit adopt and ratify the s	Development and Operanit, in formed owners of lands on e under existing options and Unit Operating Again or interest, as may hin the Unit Area there aid Unit Operating Again eological Survey in constitution.	orm approved by the Secretary of the leases or interests therein presently on agreements or other interests in greement, each to the extent of his or appear, have consented to the inclucion defined, and do hereby approve, reement in the form and as submitted onnection with the submission of Unit
ted in any number of c had signed the same do counterpart hereof, re parties owning or clai- executed shall be bind	ounterparts with the soment and shall be bigardless of whether or ming an interest in the ing upon the undersign	Unit Operating Agreement may be execu- same force and effect as if all parties anding upon all those who execute a mot it is executed by all other are lands affected hereby, and when so ared, his or her successors or assigns, additions of said Unit Operating Agree-
ADDRESS	Th. 3,5,7	SIGNATURE
2011		mar.
P. G. Dox 2011		
Senta Fe, New Mexico		
Date:	**************************************	
Lenon ()	sala Te nin	Mistern
Date:		
STATE OF MEN MEXICO		
COUNTY OF EDDY) SS.:	
personally appeared to be the person	described in and w	195 3, before me to me known the executed the foregoing instruted the same as their free act
IN WITNESS WE seal the day and year i	HEREOF, I have hereunt in this certificate ab	o set my hand and affixed my official ove written.
My Commission expires:		Notary Public in and for
May 12, 1957	APPROVED AND CONSENIE	
	By Vice President	MPANY

UNIT OPERATOR

SER JUBB CE E THE ARRESTS COUNTY WERE SERVICED.

HEA MEALL	· ······					
EDDY))	SS			
On this _	8th	day of	July		, 19 _53	, before me
appeared _	N. B.	Stern,	a single	person,		
n to be the , and ackno	person wledged	d that	escribed	in and who execute executed the same	as	foregoing
					nd affix	ed my official
=	:		Nøx Cov	ary Public in and	for E	
	On this appeared to be the and acknowled. IN WITNES ay and year	on this 8th appeared N. B. to be the person, and acknowledged ed. IN WITNESS WHEREO by and year in this ion expires:	On this	On this	On this Stern, a single person, appeared N. B. Stern, a single person, and acknowledged that described in and who execute, and acknowledged that executed the same ed. IN WITNESS WHEREOF, I have hereunto set my hand and any and year in this certificate above written. Notary Public in and	On thisSth day ofJuly, 19_53 appearedN. B. Stern, a single person, a to be the person described in and who executed the and acknowledged thathe executed the same as IN WITNESS WHEREOF, I have hereunto set my hand and affixed and year in this certificate above written. Notary Public in and for Executed the same as

All the All

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Unit Agreement for the Development and Opera	orm approved by the Secretary of the releases or interests therein presently on agreements or other interests in greement, each to the extent of his or appear, have consented to the inclurein defined, and do hereby approve, reement in the form and as submitted onnection with the submission of Unit
ted in any number of counterparts with the shad signed the same document and shall be be counterpart hereof, regardless of whether or parties owning or claiming an interest in the executed shall be binding upon the undersign subject to all the terms, provisions and comment.	inding upon all those who execute a r not it is executed by all other ne lands affected hereby, and when so ned, his or her successors or assigns,
ADDRESS JA. 3, 5, 7	SIGNATURE
Dox 896	Que en E. Puis
Albujacrque, New Mexico	0
Date:	
Date:	
STATE OF NEW MEXICO	
COUNTY OF EDDY) SS.:	
On this 8th day of July personally appeared described in and we ment, and acknowledged that executed and deed.	to me known who executed the foregoing instru- cuted the same asfree act
IN WITNESS WHEREOF, I have hereunt seal the day and year in this certificate ab	so set my hand and affixed my official pove written.
My Commission expires:	Notary Public in and for
APPROVED AND CONSENTED	County, State of
By Stocker	FANY
Vice President	

UNIT OPERATOR

Unit Agreement for the Development and Operat San Juan 28-5 Unit, in for Interior, the undersigned owners of lands or held or which may arise under existing option production covered by said Unit Operating Agr her particular ownership or interest, as may sion of said lands within the Unit Area there adopt and ratify the said Unit Operating Agre to the United States Geological Survey in con Agreement for the Development and Operation of	m approved by the Secretary of the leases or interests therein presently agreements or other interests in eement, each to the extent of his or appear, have consented to the incluin defined, and do hereby approve, ement in the form and as submitted nection with the submission of Unit
ted in any number of counterparts with the sa had signed the same document and shall be bin counterpart hereof, regardless of whether or parties owning or claiming an interest in the executed shall be binding upon the undersigne subject to all the terms, provisions and cond ment.	me force and effect as if all parties ding upon all those who execute a not it is executed by all other lands affected hereby, and when so d, his or her successors or assigns,
ADDRESS 7, 5, 7	SIGNATURE
ADDRESS	11.
1247 Shafter Street	Mb. alsup,
San Mateo, California	Caraline J. alsey
Date:	
Date:	
S. Market C. S. Market C. Market C. Market C. S. Market C	
STATE OF SEXICO) SS.:	
COUNTY OF EDDY)	
On this 3th day of July personally appeared No. E. Alsop and Caroline J.	1953, before me
to be the person described in and whent, and acknowledged that they execuand deed.	o executed the foregoing instru-
IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate abo	set my hand and affixed my official ve written.
My Commission expires:	Notary Public in and for
May 12, 1957	County, State of
APPROVED AND CONSENTED	: 9:
EL PASO HADERAL CAS CONTI	AR <u>Y</u>
Vice President	Para region P

UNIT & P. Last.

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said
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 87, 3,5,7 SIGNATURE
P.O. Box 335, Q.R. aluembe
Loute de n.n. Dontley Dide Murarametre
Date:
P.O. Bart 335
Souta de, n. on. Kathleen Quesn
Date:
STATE OF NEW MEXICO) 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 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.
Notary Public in and for Eddy County, State of New Mexico
My commission expires:
May 12, 1957 APPROVED AND CONSENTED TO:
By CAS COMPANY
Vice President

UNIT CPERATOR

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28-5 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 Jeinder 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.

Jh. 21, 24, 25

ADDRESS	SIGNATURE And About Comments And About A
Date:	
Date:	
Approved and Consented to: Stanolind Oil and Gas Company Working Intorest Owner Dy Vico-President	Served (

STATE ()	
COUNTY Or	
COUNTY OF)	
On thisday of	, 195, before me appeared
	to me personally known, who, being
by me duly sworn, did say that he is the	President of
is the corporate seal of said corporation, a and sealed in behalf of said corporation by	
IN WITNESS WHEREOF, I have hereunt seal the day and year in this certificate fi	o set my hand and affixed my official
Scar one day and year in only conditioned in	ISC above willed.
My Commission expires:	
	Notary Public in and for
	State of County,
•	•
STATE OF MINIMATED)	
COUNTY OF lan (fran) SS.:	
COUNTY OF san future)	•
On this 29th day of Auge	ust, 1953, before me appeared
ment and and	
his wife, to me known to be the persons desc going instrument, and acknowledged to me the	ribed in and who executed the fore-
and deed.	00.00
My Commission expires:	Skelly B. Usustion g. f.
april 16, 1954	Notary Public, in and for
Marie 10,770	Sun Guan County,
	State of New Wesico
CONTROL OF	
STATE OF) SS.:	
COUNTY OF)	
On thisday of	, 195, before me personally
	,
appeared the person described is and who executed the to me that the executed the same as	, a single person, to me known to be foregoing instrument, and acknowledged sfree act and deed.
My Commission expires:	
THE COMMISSION CONTACTOR	
	Notes B. Line
	Notary Public in and forCounty,
	State of

In consideration of the execution of the Unit Agreement for the
Development and Operation of the San Juan 28-5 Unit
Area located within the County of RYO 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 modifica-
tions 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 drill-
ing, 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 pro-
duction 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.

STATE OF	•
COUNTY OF SS. :	
On thisday of	195, before me appeared
	to me personally known, who, being
y me duly sworn, did say that he is	end that the seal affixed to said instrument
nd sealed in behalf of said corpora	ration, and that said instrument was signed ation by authority of its board of directors, acknowledged said instrument to be
he free act and deed of said corpor	ation.
IN WITNESS WHEREOF, I have eal the day and year in this certif	hereunto set my hand and affixed my official licate first above written.
y Commission expires:	
•	
	Notary Public in and forCounty,
•	State of
TATE OF	
SS.:	
OUNTY OF)	
On this day of	, 195 before me appeared
Con VIII D	solution appointed
de side de ma limera de la dise mere	sons described in and who executed the fore-
oing instrument, and acknowledged to und deed.	to me they executed the same as their free act
ty Commission expiress	
•	
	Motary Public in and for Gounty,
	State of
TATE OF NEW MEXICO) SS.:	
OUNTY OF CHAVES	
On this 27th day of	January , 195 4 , before me personally
ppeared Charles C. Harlan, Jr.	a single person, to me known to be
he person described in and who exec	suted the foregoing instrument, and acknowledged he same as his free act and deed.
y Commission expires:	
3/16/57	Ernest Lee Holge
4/17/	grand ger yvor
	Notary Public in and for Chaves County.
•	State of New Mexico

Unit Agreement for the Development and San Juan 28-5 Unit Interior, the undersigned owners of landsheld or which may arise under existing production covered by said Unit Operation of said lands within the Unit Aradopt and ratify the said Unit Operation to the United States Geological Survey Agreement for the Development and Operation	d Operation, in form a ands or lead option agting Agreem as may appearanced for the connectation of the co	approved by the Secretary of the ases or interests therein presently greements or other interests in ment, each to the extent of his or bear, have consented to the includefined, and do hereby approve, ent in the form and as submitted ation with the submission of Unit the said Unit Area.
ted in any number of counterparts with had signed the same document and shall counterpart hereof, regardless of where parties owning or claiming an interest executed shall be binding upon the uncounterpart to all the terms, provisions ment.	n the same l be bindir ther or not t in the la dersigned, and conditi	ng upon all those who execute a it is executed by all other ands affected hereby, and when so his or her successors or assigns, ons of said Unit Operating Agree-
In Appendix	3,5,7	CT CNAMUDE:
ADDRESS		SIGNATURE M. R. C.
220 Shelby Street		1 Mi Elvaria
Santa Fe, New Mexico		atherine B. MElvain
Date: July 31, 1953		
Date:	_	
STATE OF New Mexico) COUNTY OF Santa Fe)	S.:	
On this 31st day of 5 personally appeared T. H. McElvain a to be the person s described in ment, and acknowledged that they	\mathbf{n} and who \mathbf{e}	executed the foregoing instru-
and deed.		the control and account to
IN WITNESS WHEREOF, I have I seal the day and year in this certific		et my hand and affixed my official written.
	ومر	den W. Businesson otary Public in and for
By Genmaission expires:		Santa Fe County, State of
APPROVED AND CO. 11. APPROVED AND CO. 11. PASO GREEN.	roduția i a. Casadamian	New Mexico
åγ. 1.12. Vida fi	esident	
	11 0712 102	

Unit Agreement for the Development and Operation San Juan 23-5 Unit , in form Interior, the undersigned owners of lands or held or which may arise under existing option production covered by said Unit Operating Agreement for the States Geological Survey in comagnetation of the United States Geological Survey in comagnetation of the Development and Operation of the Development and Operation of the United States Geological Survey in contagreement for the Development and Operation of the Devel	approved by the Secretary of the leases or interests therein presently agreements or other interests in seement, each to the extent of his or appear, have consented to the incluin defined, and do hereby approve, ement in the form and as submitted nection with the submission of Unit
ted in any number of counterparts with the same had signed the same document and shall be bind counterpart hereof, regardless of whether or a parties owning or claiming an interest in the executed shall be binding upon the undersigned subject to all the terms, provisions and condiment.	me force and effect as if all parties ding upon all those who execute a not it is executed by all other lands affected hereby, and when so i, his or her successors or assigns,
ADDRESS	SIGNATURE
	00-
P. O. Box 896	K P hennin
Albuquerque, New Mexico	Frances Dinne
Date: 6-4-54	
Date.	
Date:	
STATE OF New Mexico) SS.:	
COUNTY OF Bernalillo	
On this 4th day of June	. 195 / before me
personally appeared R. P. Tinnin and Frances to be the persons described in and whement, and acknowledged that they executand deed.	Tinnin to me known o executed the foregoing instru-
IN WITNESS WHEREOF, I have hereunto seal the day and year in this certificate about	
	Pauline Bevier
My Commission expires:	Notary Public in and for Bernalillo County, State of
2-5-56 APPROVED AND CONSENSED TO	: New Mexico
EL PASO NATURAL GAS COMPA	<u>NY</u>
By Vice President	
F 100 11 2	

UNIT CPERATOR

of the Interior, the undersigned of the Interior, the undersigned of presently held or which may arise interests in production covered by extent of his or her particular ow consented to the inclusion of said and do hereby approve, adopt and r form and as submitted to the Unite	execution of the Unit Operating Agreement Lopment and Operation of the said, in form approved by the Secretary owners of lands or leases or interests therein under existing option agreements or other said Unit Operating Agreement, each to the mership or interest, as may appear, have lands within the Unit Area therein defined, atify the said Unit Operating Agreement in the desired States Geological Survey in connection with for the Development and Operation of the said
executed in any number of counterparties had signed the same document execute a counterpart hereof, regardher parties owning or claiming as when so executed shall be binding to assigns, subject to all the term of the same departing Agreement.	inder of Unit Operating Agreement may be arts with the same force and effect as if all nt and shall be binding upon all those who rdless of whether or not it is executed by all n interest in the lands affected hereby, and upon the undersigned, his or her successors ms, provisions and conditions of said Unit
ADDRESS	Th. 3,5,7 SIGNATURE
P. O. Box 1150	070000
Plainview, Texas	thelma R. Paal
Date:	
Date:	**************************************
_	
STATE OF Texas	SS.
COUNTY OF Hale	
On this 9th day of before me personally appeared H. 0 to me known to be the persons instrument, and acknowledged that free act and deed.	Pool and wife, Thelma K. Pool. described in and who executed the foregoing
IN WITNESS WHEREOF, I hav seal the day and year in this certi	re hereunto set my hand and affixed my official ficate above written.
	Notary Public in and for Hale County, State of Texas
fy commission expires:	
June 1, 1955	
API	PROVED AND CONSENTED TO:
· By.	PASO NATURAL CAS COMPANY
•	Vice President
	UNIT OPERATOR

In consideration of the execution of Unit Agreement for the Development and Operation San Juan 28-5 Unit , in for Interior, the undersigned owners of lands or held or which may arise under existing option production covered by said Unit Operating Agreement for the Development and Operation Agreement for the Development and Operation of Agreement for the Development and Operation	rm approved by the Secretary of the leases or interests therein presently n agreements or other interests in reement, each to the extent of his or appear, have consented to the incluein defined, and do hereby approve, eement in the form and as submitted nnection with the submission of Unit
This Ratification and Joinder of Uted in any number of counterparts with the schad signed the same document and shall be bit counterpart hereof, regardless of whether or parties owning or claiming an interest in the executed shall be binding upon the undersigns subject to all the terms, provisions and comment.	nding upon all those who execute a not it is executed by all other e lands affected hereby, and when so ed, his or her successors or assigns,
	GTGNAMUDE
ADDRESS	SIGNATURE
14 Actru Duvi)	WIN X Jum
Scrusdals, Usus yok	Mary Eller Brain - WIFE
Date:	Enelyn G. Brown - WIPOW
	EVELYW ELLEN WALLACE
Date:	Co-TRUSTEE FOR
STATE OF NEW YORK)	EVELYN ELLEN WALLACE
COUNTY OF WESTCHESTER)	·
On this 31st day of July personally appeared James A. Brown, Mary Ellen B to be the persons described in and w ment, and acknowledged that they executed and deed.	ho executed the foregoing instru-
seal the day and year in this certificate ab	Anna B. Schindler
Notary Public, State No. 60 3499875 No. 60 3499875 County	Notary Public in and forCounty, State of
APPROVED AND CONSENTED TO: PASO NATURAL GAS GEMPANY Out of the state	
Vice President	

Ву

UNIT OPERATOR

held or which may arise a production covered by sai her particular ownership sion of said lands within adopt and ratify the said	under existing option of the Unit Operating Ago or interest, as may the Unit Area there of Unit Operating Agragical Survey in co	leases or interests therein per agreements or other interests reement, each to the extent of appear, have consented to the ein defined, and do hereby appearement in the form and as submanection with the submission of the said Unit Area.	ts in this or e inclu- prove, nitted
ted in any number of cour had signed the same docum counterpart hereof, regar parties owning or claimin executed shall be binding	nterparts with the sment and shall be birdless of whether or ag an interest in the upon the undersign provisions and con	nit Operating Agreement may be ame force and effect as if all nding upon all those who execu- not it is executed by all oth e lands affected hereby, and we ed, his or her successors or a ditions of said Unit Operating	parties ute a uer when so ussigns,
ADDDDGG	Th. 3,5,7	OT ON A MAIN TO	
ADDRESS		SIGNATURE	MARO
P.O. 1204 a	01/	mur.	
South De,			Mrs r
Date:			
Tatoma Smatt	6 Box	Mastern	NE Stá
Date:	economic supplies and the supplies of the supp		
STATE OF NEW MEXICO)		
COUNTY OF EDDY) SS.:		
personally appeared M.A. I to be the person s	_described in and w	, 195 3 , before Romero, his wife, to me know the executed the foregoing instructed the same as their free	iown :ru-
IN WITNESS WHER	EOF, I have hereunt this certificate ab	o set_my hand and affixed my o	official
seal the day and year in			Although the second
		Notary Public in and for	/
My Commission expires:	PROVED AND CONSENTED	Notary Public in and for County, St	tate of

UNIT OPERATOR

Unit Agreement for the Development as San Juan 28-5 Unit	nd Operati _, in form lands or l ng option ating Agre , as may a rea therei ting Agree ey in conn	approved by the Secretary of the leases or interests therein presently agreements or other interests in eement, each to the extent of his or appear, have consented to the inclunch defined, and do hereby approve, ement in the form and as submitted nection with the submission of Unit
ted in any number of counterparts with had signed the same document and shall counterpart hereof, regardless of who parties owning or claiming an interest executed shall be binding upon the usubject to all the terms, provisions	th the sam ll be bind ether or m st in the ndersigned	not it is executed by all other lands affected hereby, and when so l, his or her successors or assigns, tions of said Unit Operating Agree-
ADDRESS		SIGNATURE
2000 25 100 DE		
Box 896		Auega 6. Quin
Albuquerque, New Mexico		
		
Date:		
Date.		
	·	
Date:		
COMMON OF MEN NEW ACTION		
· · · · · · · · · · · · · · · · · · ·	SS.:	
COUNTY OF EDDY)		
On this 8th day of personally appeared Omega E. Quinn, to be the person described ment, and acknowledged that she and deed.	a single p in and who	executed the foregoing instru-
IN WITNESS WHEREOF, I have seal the day and year in this certifi		set my hand and affixed my official ve written.
		(S E Col ()
My Commission expires:	,	Notary Public in and for
May 12, 1957 APPROVED AND	ט ז∽CONSENTED	Eddy County, State of In. New Mexico
EL PASO NATURA		
ByVire	President	
* TILG	FIGSIUGIH	

UNIT GPERATOR

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

Interior, the undersigned owne held or which may arise under production covered by said Unither particular ownership or in sion of said lands within the adopt and ratify the said Unit to the United States Geologica Agreement for the Development This Ratification and ted in any number of counterpart had signed the same document a counterpart hereof, regardless parties owning or claiming an executed shall be binding upon	ment and Operat, in for rs of lands or existing option t Operating Agr terest, as may Unit Area there Operating Agre 1 Survey in con and Operation o d Joinder of Un rts with the sa nd shall be bin of whether or interest in the the undersigne	ion of the mapproved leases or i agreements eement, each appear, havin defined, ement in the nection with the said it Operation with the said in the said	by the Secretary of the interests therein presently is or other interests in the to the extent of his or the consented to the incluant do hereby approve, the form and as submitted that the submission of Unit Unit Area. In Agreement may be executed effect as if all parties all those who execute a executed by all other ected hereby, and when so there successors or assigns,
subject to all the terms, prov ment.			and omit operating Agree-
ADDRESS	Ja 3,5,	7	SIGNATURE
Real-transman and addressing		•	
1247 Shafter Street			Allen Marie Con
San Mateo, California		<u> </u>	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Date:			
Date:			
STATE OF NEW MEXICO COUNTY OF EDDY On this 8th day personally appeared W. E. Alsu)) SS.:) of July up and Caroline	J. Alsup, h	, 195 <u>3</u> , before me his wife, to me known
to be the person s desc ment, and acknowledged that and deed.	they execu	o executed ted the sam	the foregoing instru- ne as their free act
	certificate abo	Notary Pub	lic in and for

Will Chamber

under Unit Agreement for the Design Juan 28 - 5 Unit of the Interior, the undersigned presently held or which may arise interests in production covered extent of his or her particular consented to the inclusion of sa and do hereby approve, adopt and form and as submitted to the Unit	he execution of the Unit Operating Agreement velopment and Operation of the said, in form approved by the Secretary downers of lands or leases or interests therein se under existing option agreements or other by said Unit Operating Agreement, each to the ownership or interest, as may appear, have aid lands within the Unit Area therein defined, I ratify the said Unit Operating Agreement in the ited States Geological Survey in connection with the for the Development and Operation of the said
executed in any number of counterparties had signed the same documexecute a counterpart hereof, resorber parties owning or claiming when so executed shall be binding or assigns, subject to all the t	Joinder of Unit Operating Agreement may be exparts with the same force and effect as if all ment and shall be binding upon all those who gardless of whether or not it is executed by all an interest in the lands affected hereby, and g upon the undersigned, his or her successors terms, provisions and conditions of said Unit
ADDRESS	SIGNATURE
P.O. But 335	- K. Celicul
South De n.m.	· Doothi Dick (Hieronam Be
Date:	l i
P.O. But 335	
Sate 33, or. on.	- Kathleen Quinn
Date:	
STATE OF NEW MEXICO	_}
COUNTY OF EDDY	_) ss.
On this 8th day	of <u>July</u> , 19 53
before me personally appeared J_{\bullet} to me known to be the person s	R. Abercrombie and Dorothy Dick Abercrombie, his wife, described in and who executed the foregoing they executed the same as their
IN WITNESS WHEREOF, I h seal the day and year in this cer	
	Notary Public in and for Eddy
	Notary Public (in and forEddy
	County, State of New Mexico
ly commission expires:	
Ma y 12, 1957	APPROVED AND CONSENTED TO: EL PASO NATURAL, GAS GCMPANY. Vice President UNIT OFERATOR

SECTION AND	ASKICO	_{			
COUNTY OFE	DDY) SS)			
On t	his 8th day	of July		19 53 , befor	e me
personally appea	red Joe Quinn a	and Kathleen Quinr	his wife.		
		described in a they execut			free
		I have hereunto sertificate above w		affixed my officia	al
		$\mathcal{O}_{\mathcal{U}}$	8. Cak		
My commission ex	pires:				
May 12, 1957			ublic in and for State of New M		

to the extent of his or her particular of consent to the inclusion of said lands we ratify, approve and adopt the terms of said tions thereof approved by the Secretary representative as applicable to said seven the term of any lease given by the undersclaims an interest herein is extended and make the same conform to the terms of saiding, development and producing requirement in which their several rights and interest deemed fully performed by performance of and agree that payment for or delivery of prior agreements) oil and gas duly made aduction allocated under said Unit Agreement such rights or interests do or shall apply therefrom, shall constitute full performs undersigned existing under such leases of this Ratification and Joinder of any number of counterparts with the common constitute of the counterparts with the coun	of the Interior or his duly authorized eral lands and interests, agree that signed or under which the undersigned is modified to the extent necessary to id Unit Agreement, agree that the drill-nts of all leases and other contracts sts are created or defined shall be the provisions of said Unit Agreement, if (whichever may be required under at contract rates applied to the propent to the particular lands to which ly, regardless of actual production ance of all such obligations to the rother contracts.
any number of counterparts with the same had signed the same document and shall be a counterpart hereof, regardless of wheth parties owning or claiming an interest in so executed shall be binding upon the und successors in interest.	e binding upon all those who execute her or not it is executed by all other in the lands affected hereby, and when dersigned, his or her assigns or
In. 2.	5, 8, 9
ADDRESS	SIGNATURE
P. O. Box 2011	mare
Santa Fe, New Mexico	
Date:	
Jan Da Hales Seule non	MA RH
January Vally Charles 1111	
Date:	
APPROVED AND CONSENTED TO: EL PASO HATURAL GAS COMPANY By Vice President WORKING INTEREST OWNER UNIT OPERATOR APPROVED AND CONSENTED TO:	APPROVED AND CONSENTED TO: GENERAL AMERICAN CIL CO. APANY OF TEXAS By Jordan Sumpson Vice President WORKING INTEREST OWNER:

Vice President WORKING INTEREST OWNER

STATE OF)	
COUNTY OF) SS.:	
• • • • • • • • • • • • • • • • • • •		
On this	day of	, 195, before me appeared
by me duly sworn, did	i say that he is	the President of
is the corporate seal and sealed in behalf	of said corporation	and that the seal affixed to said instrument tion, and that said instrument was signed ion by authority of its board of directors, acknowledged said instrument to be tion.
		hereunto set my hand and affixed my official cate first above written.
My Commission expires	8 8	
-		
		Notary Public in and for
		State of
STATE OF NEW MEXICO COUNTY OF EDDY	· ·	
DIATE OF NEW MEXICO	SS. :	
COUNTY OF EDDY	•	
On this 8t	th day of July	, 195 3 before me appeared
M. A. Romero	- 1	Alicia V. Romero
his wife, to me known	a to be the person	ms described in and who executed the fore- me they executed the same as their free act
My Commission expires	51	
May 12, 1957		(L E. Zalana ()
		Notary Public in and for
		Eddy County, State of New Mexico
		State of New Mexico
STATE OF NEW MEXICO)	
COUNTY OF EDDY) SS.:	
On this 81	th day of	July , 195 3 , before me personally
	in and who execut	ted the foregoing instrument, and acknowledged same as his free act and deed.
My Commission expires	38	(A) 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
May 12, 1957		Notary Public in and for
		Eddy County,
		State of New Mexico

Development and Operation of the Area located within the County of Recommendation form approved on behalf undersigned owners of lands or lease presently held or which may arise undinterests in production covered by stothe extent of his or her particulations to the inclusion of said land ratify, approve and adopt the terms tions thereof approved by the Secret representative as applicable to said the term of any lease given by the unclaims an interest herein is extended make the same conform to the terms of ing, development and producing requiring which their several rights and indeemed fully performed by performance and agree that payment for or deliver prior agreements) oil and gas duly meduction allocated under said Unit Agree therefrom, shall constitute full performed existing under such lease. This Ratification and Join any number of counterparts with the had signed the same document and shall a counterpart hereof, regardless of parties owning or claiming an interest so executed shall be binding upon the successors in interest.	of the Secretary of the Interior, the s, or interests therein or royalties er existing option agreements, or other aid Unit Agreement hereby severally, each ar ownership or interest, as may appear, is within the Unit Area therein defined, of said Unit Agreement and any modificatory of the Interior or his duly authorized several lands and interests, agree that indersigned or under which the undersigned is and modified to the extent necessary to feat unit Agreement, agree that the drill-rements of all leases and other contracts terests are created or defined shall be see of the provisions of said Unit Agreement, and eat contract rates applied to the provisions of said Unit Agreement, apply, regardless of actual production formance of all such obligations to the see or other contracts. Ider of Unit Agreement may be executed in same force and effect as if all parties and be binding upon all those who execute whether or not it is executed by all other st in the lands affected hereby, and when
()A	7, 0, 8, 9
ADDRESS	SIGNATURE
1 0 00 335	J. N. accuration
Sento fe on	. Lorothy Dick Albertantée
Date:	
83	
PD (2+6 335	
Dank fe n.m.	Kathleen Quinn
Date:	
APPROVED AND CONSENTED TO:	
EL PASO NATURAL GAS COMPANY	APPROVED AND CONSENTED TO:
Vice President	GENERAL AMERICAN OIL COMPANY OF TEXAS
WORKING INTEREST CWNER	By Vice President
UNIT GPERATOR	WORKING INTEREST OWNER
APPROVED AND CONSENTED TO:	
STANGLIND OIL AND GAS COMPANY	
Vice President	44
WORKING INTEREST OWNER	

STATE OF) SS.:	
COUNTY OF)	
On thisday of	, 195, before me appeared
	to me personally known, who, being
by me duly sworn, did say that	he is the President of
is the semants and of said o	and that the seal affixed to said instrument orporation, and that said instrument was signed
and sealed in behalf of said co	rporation by authority of its board of directors,
and said	acknowledged said instrument to be orporation.
the free act and deed of said c	orporation.
IN WITNESS WHEREOF, I seal the day and year in this c	have hereunto set my hand and affixed my official ertificate first above written.
My Commission expires:	
•	
•	Notary Public in and for
•	State of
,	00000
STATE OF NEW MEXICO)	·
) SS.:	
COUNTY OF EDDY)	·
On this 8th day	of July, 195 3, before me appeared
	
J. R. Abercrombie	and Dorothy Dick Abercrombie persons described in and who executed the fore-
going instrument, and acknowled	lged to me they executed the same as their free act
My Commission expires:	J. Sochan. (IV
The Thirty of the Control of the Con	A
May 12, 1957	Notary Public in and for
	Eddy County, State of New Mexico
	Scate of New Mexico
STATE OFNEW MEXICO	_)
FDDY	
COUNTY OF EDDY	→
On this 8th day	of July , 19 53 , before m
Too Out or	
personally appeared Joe Quinn an	d Kathleen Quinn, his wife,
to me known to be the person s	described in and who executed the foregoing
nstrument, and acknowledged that ct and deed.	t they executed the same as their fre
or and deed.	,
IN WITNESS WHEREOF,	I have hereunto set my hand and affixed my official
eal the day and year in this cen	rtificate above written.
en e	
	1 De. 2 . C. V (2)
y commission expires:	White the South and Delivery
May 12, 1957	Notary Public in and for Eddy
HOY IN INT	County, State of New Mexico

In consideration of the execution of the Unit Agreement	for the
Development and Operation of the San Juan 28-5 Unit	
Area located within the County of RIO ARRIBA	State of
New Mexico in form approved on behalf of the Secretary of the Int	erior, the
undersigned owners of lands or leases, or interests therein or ro	yalties
presently held or which may arise under existing option agreement	s, or other
interests in production covered by said Unit Agreement hereby sev	erally, 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 there	in defined,
ratify, approve and adopt the terms of said Unit Agreement and any	y modifica-
tions thereof approved by the Secretary of the Interior or his du	ly 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	undersign ed
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 drill-
ing, development and producing requirements of all leases and other	
in which their several rights and interests are created or define	
deemed fully performed by performance of the provisions of said U	
and agree that payment for or delivery of (whichever may be requi	
prior agreements) oil and gas duly made at contract rates applied	
duction allocated under said Unit Agreement to the particular land	
such rights or interests do or shall apply, regardless of actual	
therefrom, shall constitute full performance of all such obligations and an artists and artists and artists and artists are the artists are the artists and artists are the ar	ons 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.

Th. 4,6,8,9 **ADDRESS** 220 Shelby Street Santa Fe, New Mexico July 31, 1953 Date:__ Date: APPROVED AND CONSENTED TO: EL PASO NAJURAL GAS CEMPANY APPROVED AND CONSENTED TO: By Vice President GENERAL AMERICAN OIL COMPANY OF TEXAS Vice President WORKING INTEREST OWNER UNIT OPERATOR WORKING INTEREST OWNER

APLICOVED

APPERIOR AND HOMERATED TO:
STORULL IN ALL MID HAM COMPANY
BELLEVILLE FOR HERE
ROMANIC CLASSIFF OWNER

STATE OF)	
COUNTY OF SS.:	
On thisday of	, 195, before me appeared
by me duly sworn, did say that he is the and is the corporate seal of said corporation and sealed in behalf of said corporation and said_ the free act and deed of said corporation	by authority of its board of directors,
IN WITNESS WHEREOF, I have her seal the day and year in this certificat	eunto set my hand and affixed my official e first above written.
My Commission expires:	
	Notary Public in and for
	Notary Public in and for
	County.
STATE OF New Mexico	County.
STATE OF New Mexico } COUNTY OF Santa Fe	County.
STATE OF New Mexico } COUNTY OF Santa Fe	County.
	County.
On this 31st day of July	State of
On this 31st day of July T. H. McElvain and his wife, to me known to be the persons	State of
On this 31st day of July T. H. McElvain and his wife, to me known to be the persons going instrument, and acknowledged to me	State of

STATE OF

COUNTY OF

appe ared__

On this_

My Commission expires:

day of

Notary Public in and for Santa Fe Coun

State of New Mexico

Notary Public in and for

State of

County,

County,

____, 195____, before me personally

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 28.5 [Inii] Area located within the County of FIO ANDIGET. 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 exec		
ADDRESS	SIGNATURE	
P. O. Box 896. Albuquerque, New Mexico	& Paining.	
	Frances Dinni	
Date: 4-16-54		
Date:		
APPROVED AND CONSENTED TO: EL PASO NATURAL CAS COMPANY By Vice President WORKING INTEREST OWNER UNIT OPERATOR APPROVED AND COMPANY INTEREST OF A SCHOOL OF TO: OTABLE LINE OF A SCHOOL OF TO HERE WORKING INTEREST OWNER OTABLE LINE OF A SCHOOL OF TO HERE WORKING INTEREST OWNER OTABLE LINE OF THE BERE	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS By John July Vice President WORKING INTEREST OWNER	

STATE OF	}	
COUNTY OF) SS.:)	
0 . 1 .		70° h.A m. n
On this	•	, 195, before me appeared
by me duly sworn, did	say that he is the	, to me personally known, who, being President of
is the cornorate seel		that the seal affixed to said instrument n, and that said instrument was signed
and sealed in behalf of and said	of said corporation	by authority of its board of directors, acknowledged said instrument to be
the free act and deed	of said corporation	A•
		eunto set my hand and affixed my official e first above written.
My Commission expires		
	•	
		Notary Public in and forCounty,
		State of
QMAMP OF No	\	
STATE OF New Mexico COUNTY OF Bernalillo	SS.:	•
COUNTY OF Bernalillo)	
On this 16th	dem of April	, 1954 , before me appeared
,		Try appoint the
R. P. Tinnin	to be the newsons	Frances Tinnin described in and who executed the fore-
going instrument, and and deed.	acknowledged to me	they executed the same as their free act
My Commission expires:	ı	
2-5-56		Pauline Berrar
	•	
		Notary Public in and for Bernalillo County,
		State of New Mexico
		The seconds
STATE OF) SS.:	
COUNTY OF	}	
On this	day of	, 195, before me personally
		a cincle nemen to me know to be
the person described it to me that	in and who executed he executed the sa	the foregoing instrument, and acknowledgeme as free act and deed.
My Commission expires		
	•	
		Notary Public in and for County,
		State of

Development and Operation of the Area located within the County of New Mexico in form approved on behalf undersigned owners of lands or leases presently held or which may arise und interests in production covered by sa to the extent of his or her particula consent to the inclusion of said land ratify, approve and adopt the terms of tions thereof approved by the Secreta representative as applicable to said the term of any lease given by the unclaims an interest herein is extended make the same conform to the terms of ing, development and producing requirin which their several rights and int deemed fully performed by performance and agree that payment for or deliver prior agreements) oil and gas duly maduction allocated under said Unit Agr such rights or interests do or shall therefrom, shall constitute full perfundersigned existing under such lease	RIO ARRIBA of the Secretary of the Interior, the secretary of the Interior, the secretary of the Interior, the secretary option agreements, or other id Unit Agreement hereby severally, each rownership or interest, as may appear, swithin the Unit Area therein defined, of said Unit Agreement and any modificatry of the Interior or his duly authorized several lands and interests, agree that dersigned or under which the undersigned and modified to the extent necessary to said Unit Agreement, agree that the drillements of all leases and other contracts erests are created or defined shall be of the provisions of said Unit Agreement, y of (whichever may be required under de at contract rates applied to the proeement to the particular lands to which apply, regardless of actual production ormance of all such obligations to the s or other contracts.
any number of counterparts with the shad signed the same document and shal a counterpart hereof, regardless of w parties owning or claiming an interesso executed shall be binding upon the successors in interest.	
Th.	4,6,8,9
ADDRESS	SIGNATURE
1247 Shafter Street	M.C. alsup
San Mateo, California	Caroline J. alleng
Date:	
•	
	•
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS COMPANY By Coco Vice President WORKING INTEREST OWNER UNIT CPERATOR	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY, OF TEXAS By Wice President WORKING INTEREST OWNER

COUNTY OF) 55.1	
On this	day of	, 195, before me appeared
		to me personally known, who, being President of
by me duly sworn, d	lid say that he is th an	ePresident of d that the seal affixed to said instrument
and sealed in behal	sal of said corporation of said corporation	on, and that said instrument was signed n by authority of its board of directors, acknowledged said instrument to be on.
IN WITNES	SS WHEREOF, I have be	reunto set my hand and affixed my official te first above written.
My Commission expir	`68	
		Notary Public in and forCounty,
		State of
	·	
STATE OF NEW MEXIC	0)	
COUNTY OF EDDY	}	
W. E. Alsup	an to be the persons and acknowledged to m	d Caroline J. Alsup described in and who executed the fore- e they executed the same as their free act
. Courts.		Motary Public in and for
	·	State of New Mexico
		•
STATE OF)) SS.:	
COUNTY OF	5	
On this	day of	, 195, before me personally
appeared		, a single person, to me known to be
the person describe	d in and who execute	d the foregoing instrument, and acknowledge ame asfree act and deed.
y Commission expir	88	
		Notary Public in and for County,

STAILE OF

Development and Operation of the Area located within the County of New Mexico in form approved on behalf of undersigned owners of lands or leases, presently held or which may arise under interests in production covered by said to the extent of his or her particular consent to the inclusion of said lands ratify, approve and adopt the terms of tions thereof approved by the Secretary representative as applicable to said se the term of any lease given by the unde claims an interest herein is extended a make the same conform to the terms of s ing, development and producing requirem in which their several rights and inter deemed fully performed by performance of and agree that payment for or delivery prior agreements) oil and gas duly made duction allocated under said Unit Agree such rights or interests do or shall ap therefrom, shall constitute full perfor undersigned existing under such leases This Ratification and Joinder any number of counterparts with the sam had signed the same document and shall a counterpart hereof, regardless of whe parties owning or claiming an interest so executed shall be binding upon the u successors in interest.	of the Secretary of the Interior, the or interests therein or royalties existing option agreements, or other Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modification of the Interior or his duly authorized everal lands and interests, agree that exigned or under which the undersigned and modified to the extent necessary to eaid Unit Agreement, agree that the drillments of all leases and other contracts exists are created or defined shall be of the provisions of said Unit Agreement, of (whichever may be required under at contract rates applied to the proment to the particular lands to which ply, regardless of actual production mance of all such obligations to the or other contracts. To f Unit Agreement may be executed in the force and effect as if all parties be binding upon all those who execute ther or not it is executed by all other in the lands affected hereby, and when undersigned, his or her assigns or
M. 4, 6, Address	SIGNATURE
Box 896	auega & Quein
Albuquerque, New Mexico	
Date:	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS COMPANY By Vice President WORKING INTEREST OWNER UNIT CPERATOR	APPHOVED AND CONSENTED TO: CHUPAL EMERICAN CIL COMPANY OF TEXAS BY JOY dell Struss Vice President WORKING INTEREST OWNER.

APPROVED AND CONSENTED TO:
STANDATED CLEAR GAS COMPANY
BY VICO OPEN GENT
WORETED FREEEET OWNER

-4-1

STATE OF) 00	
COUNTY OF) SS.:)	
On this	day of	, 195, before me appeared
		to me personally known, who, being President of
	A	d block the weal application and discrepances
and sealed in behalf	of said corporation	on, and that said instrument was signed in by authority of its board of directors,acknowledged said instrument to be on.
In Witness	WHEREOF, I have he	reunto set my hand and affixed my official te first above written.
My Commission expires	3 3	
		Notary Public in and for
		State ofCounty,
STATE OF	•	
DIVIE OF) SS.:	
COUNTY OF) .	
On this	der of	, 195 before me appeared
CGI 0111. d	a, a	before me appeared
his wife, to me known	to be the persons	described in and who executed the fore-
		e they executed the same as their free act
My Commission expires	18	en e
***************************************		Notary Public in and for
		County.
		State of
STATE OF NEW MEXICO)	
COUNTY OF EDDY	SS.:	
On this 8t	h day of Ju	ly , 195 3 , before me personally
onno one a Omega F. Ou	inn	o ofuela managa. As we have do he
the person described	in and who execute	d the foregoing instrument, and acknowledge ame as her free act and deed.
My Commission expires	18	
May 12, 1957	· ·	(In E. Salan ()
		Notary Public in and for
		Eddy County, State of New Mexico
· · · · · · · · · · · · · · · · · · ·		State of New Mexico

Area located within the County of RY New Mexico in form approved on behalf of undersigned owners of lands or leases, opresently held or which may arise under interests in production covered by said to the extent of his or her particular consent to the inclusion of said lands wratify, approve and adopt the terms of stions thereof approved by the Secretary representative as applicable to said set the term of any lease given by the under claims an interest herein is extended and the secretary representative as applicable to said set the term of any lease given by the under claims an interest herein is extended and the secretary representative as applicable to said set the term of any lease given by the under claims an interest herein is extended and the secretary representative as applicable to said set the term of any lease given by the under the secretary representative as applicable to said set the term of any lease given by the under the secretary representative as applicable to said set the term of any lease given by the under the secretary representative as applicable to said set the term of any lease given by the under the secretary representative as applicable to said set the term of any lease given by the under the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the term of any lease given by the secretary representative as applicable to said set the secretary representative as applicable to said set the secretary representative as applicable to said secretary representative as applicable to said secretary representative as applicable to said secretary representative as applicable	O ARRIBA State of I the Secretary of the Interior, the or interests therein or royalties existing option agreements, or other Unit Agreement hereby severally, each ownership or interest, as may appear, within the Unit Area therein defined, said Unit Agreement and any modifica- of the Interior or his duly authorized veral lands and interests, agree that resigned or under which the undersigned and modified to the extent necessary to eaid Unit Agreement, agree that the drill- ents of all leases and other contracts ests are created or defined shall be I the provisions of said Unit Agreement, of (whichever may be required under at contract rates applied to the pro- ment to the particular lands to which oly, regardless of actual production mance of all such obligations to the
any number of counterparts with the same had signed the same document and shall it a counterpart hereof, regardless of whet parties owning or claiming an interest it so executed shall be binding upon the un successors in interest.	ther or not it is executed by all other in the lands affected hereby, and when
<u>Address</u>	SIGNATURE
P. O. Box 1150	2500 DOO
Plainview, Texas	Thelma K. Paol
Date:	
Date:	
APARAMEN AND PRIMENTED TO:	
APPROVED AND EDITSENTED TO: EL PASO-NATURAL GAS COMPANY-	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS
BY PASO MARIPAL CAS COMPANY	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS By Fordon Smps m
FL PASO-NEXUEAL CAS COMPANY	GENERAL AMERICAN OIL COMPANY OF TEXAS
By Vice Tresident WORKING INTEREST OWNER	By Gardon Sil Company of Texas By Gardon Simpon Vice President

DIRIE OF	SS.:	
COUNTY OF	55.1	
	•	
On this	day of	, 195, before me appeared
		to me personally known, who, being
y me duly sworn, d	id say that he is t	he President of
11		nd that the seal affixed to said instrument
ind sealed in behal	f of said corporation	ion, and that said instrument was signed on by authority of its board of directors,
ind said		acknowledged said instrument to be ion.
the free act and de	ed of said corporat	ion.
		ereunto set my hand and affixed my official ate first above written.
My Commission expir		
		Notary Public in and for
		County,
		State of
STATE OF Texas)	
COUNTY OF Hale) SS.:	
MOUNTI OF HAIS) ·	
going instrument, a	wn to be the person	nd Thelma K. Pool s described in and who executed the fore- me they executed the same as their free act
and deed.		
My Commission expir	es;	- 37
June 1, 1955		The a Sulley Bute Parker
		Notary Public in and for Hale
		State of Texas
		924
		AHM
STATE OF)	
OUNTY OF) SS.:	
	,	
On this		, 195, before me personally
appeared_ the person describe	d in and who execut	a single person, to me known to be ed the foregoing instrument, and acknowledged
to me that	he executed the	same as free act and deed.
My Commission expir	es :	
		Waltours Dulch? day day 200 200
		Notary Public in and for County,
		State of

In consideration of the execut. Development and Operation of the San Juneal located within the County of Richard New Mexico in form approved on behalf of undersigned owners of lands or leases, or presently held or which may arise under interests in production covered by said to the extent of his or her particular or consent to the inclusion of said lands we ratify, approve and adopt the terms of sations thereof approved by the Secretary representative as applicable to said seven the term of any lease given by the undersclaims an interest herein is extended and make the same conform to the terms of sating, development and producing requirement in which their several rights and interest deemed fully performed by performance of and agree that payment for or delivery or prior agreements) oil and gas duly made aduction allocated under said Unit Agreems such rights or interests do or shall applications.	the Secretary of the Interior, the rinterests therein or royalties existing option agreements, or other Unit Agreement hereby severally, each whereship or interest, as may appear, ithin the Unit Area therein defined, aid Unit Agreement and any modificated eral lands and interests, agree that signed or under which the undersigned it modified to the extent necessary to id Unit Agreement, agree that the drillents of all leases and other contracts ests are created or defined shall be the provisions of said Unit Agreement, if (whichever may be required under at contract rates applied to the protent to the particular lands to which lay, regardless of actual production ance of all such obligations to the
This Ratification and Joinder of any number of counterparts with the same had signed the same document and shall be a counterpart hereof, regardless of wheth parties owning or claiming an interest in so executed shall be binding upon the unconcessors in interest.	e binding upon all those who execute her or not it is executed by all other in the lands affected hereby, and when
The the	5, 8, 9
ADDRESS	SIGNATURE
14 Avtru Driv	James ABrow
Bourdale, New York	Mary aller Brain Wife
Date:	5-relyn J. Brown Widow
	Evelyn Ellen Wallace
Date:APPROVED AND CONSENTED TO:	Co-Trustee for Evelyn Ellen Wallace
EL PASO NATURAL GAS COMPANY By	APPROVED AND CONSENTED TO: GENERAL AMERICAN OIL COMPANY OF TEXAS

WORKING INTEREST OWNER

By Gordon Sumpson
Vice President

APEROVED AND CONSENSED TO: 81.30 Late Old Glo CAB COMPANY TV County CORNARC ENFANCEMENT OF ADMINISTRA

Vice President

WORKING INTEREST OWNER UNIT OPERATOR

STATE OF		
COUNTY OF	SS. I	
· · · · · · · · · · · · · · · · · · ·		
On this	day of	, 195, before me appeared
		, to me personally known, who, being
by me duly sworn, did s	ay that he is the	, to me personally known, who, being
and sealed in behalf of	f said corporation, said corporation b	, and that said instrument was signed by authority of its board of directors,
the free act and deed o	f said corporation.	acknowledged said instrument to be
IN WITNESS WH seal the day and year 1		unto set my hand and affixed my official first above written.
My Commission expires:		
		Notenny Deblie in and for
	·	Notary Public in and for
		State of
STATE OF NEW YORK COUNTY OF WESTCHESTER	SS. :	
COUNTY OF WESTCHESTER /		
James A. Brown his wife, to me known t	and on the persons de	Mary Ellen Brown escribed in and who executed the fore- they executed the same as their free act
My Commission expires:		Janu B. Schindler
	HENRY B. SCHINDLER Notary Public, State of New Y No. 60-3499-375	Character from
	Qualified in Westchuster Cou Jerm Expires March 30, 195	State of
	•	
STATE OF NEW YORK)		
)	SS.:	
COUNTY OF WESTCHESTER)		
Evelyn Ellen Wal appeared Evelyn Ellen W the person described in	llace Co-Trustee for Vallace and who executed t	
My Commission expires:		1 000
,	HENRY B. SCHIN	
	Notary Public, State of No. 60-34995. Qualified in Westches Term Expuse March 3	13.37

State of

In consideration of the execution of the Unit Agreement	
Development and Operation of the San Juan 23.5 Unit	
Development and Operation of the San Juan 23-5 Unit Area located within the County of NO ARRIBA	State of
New Mexico in form approved on behalf of the Secretary of the Int	
undersigned owners of lands or leases, or interests therein or ro	
presently held or which may arise under existing option agreement	
interests in production covered by said Unit Agreement hereby sev	
to the extent of his or her particular ownership or interest, as	
consent to the inclusion of said lands within the Unit Area there	
ratify, approve and adopt the terms of said Unit Agreement and an	
tions thereof approved by the Secretary of the Interior or his du	•
representative as applicable to said several lands and interests.	
the term of any lease given by the undersigned or under which the	
claims an interest herein is extended and modified to the extent	
make the same conform to the terms of said Unit Agreement, agree	
ing, development and producing requirements of all leases and oth	
in which their several rights and interests are created or define	
deemed fully performed by performance of the provisions of said U	
and agree that payment for or delivery of (whichever may be requi	
prior agreements) oil and gas duly made at contract rates applied	
duction allocated under said Unit Agreement to the particular lan	
such rights or interests do or shall apply, regardless of actual	
therefrom, shall constitute full performance of all such obligati	
undersigned existing under such leases or other contracts.	
mines nation and arings and and as added and added	
This Ratification and Joinder of Unit Agreement may be	executed in

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.

Ta. 11

12 12 12 1 2 2 3

<u>ADDRESS</u>	SIGNATURE
P. O. Box 933	Foster Morrell
Roswell, New Mexico	Eana E. Imarrell
January 27, 1954	
· · · · · · · · · · · · · · · · · · ·	
Date:	
APPROVED AND CONSENTED TO: EL PASO NATURAL GAS COMPANY	APPROVED AND CONSENTED TO:
WORKING-INTEREST-OWNER	By Thomas A Navinder Thomas F. Harrington WORKING INTEREST OWNER

STATE OF	
COUNTY OF SS.:	
CONTI OF	
On thisday of	, 195, before me appeared
by me duly sworn, did say that he is the	, to me personally knows, who, being
and is the corporate seal of said corporation and sealed in behalf of said corporation and said the free act and deed of said corporation	that the seal afrixed to said instrument n, and that said instrument was signed by authority of its board of directors,
	nunto set my hand and affixed my official
· · · ·	
My Commission expires:	•
	Notary Public in and for
	State of
	· .
STATE OF NEW MEXICO)	· ·
) SS.:	
GOUNTY OF CHAVES)	
On this 27th day of January	, 195 4 , before me appeared
Foster Morrell and	Edna E. Morrell
his wife, to me known to be the persons of going instrument, and acknowledged to me and deed.	described in and who executed the fore- they executed the same as their free act
My Commission expires:	
3/16/57	Ernest Lee Hodge
	Notary Public in and for
	State of New Mexico
STATE OF)	
) SS.:	
COUNTY OF)	
On thisday of	, 195, before me personally
appeared the person described in and who executed to me thathe executed the say	the foregoing instrument, and acknowledged me asfree act and deed.
My Commission expires:	
·	Notary Public in and for County,
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

State of

MAIN OFFICE Paso Natural Sas Company

1954 JUL 21 M 11: 43

TENTH FLOOR BASSETT TOWER

El Paso, Texas

July 19, 1954

mingled in file 498

To: All Working Interest Owners

San Juan 28-5 Unit

file_ 28.5 Unit

On July 13, 1954, El Paso Natural Gas Company as Unit Operator called a meeting of the working interest owners in the above unit. This meeting was called to give the working interest owners a chance to express themselves and to object to or approve of the determination by El Paso Natural Gas Company that the following well was not commercial and would not be included in the Mesaverde Participating Area:

San Juan 28-5 #3 --- IPF 673 MCF

The average of the wells in the present Mesaverde Participating Area of the 28-5 Unit is 1,948 MCF. There are 17,199.68 acres committed to this unit and 200.00 acres not committed.

The working interest owners and the percentage of their interest in the unit is listed below, including how each working interest owner present voted on the above question:

Name	Percentage	Present at Meeting	Sustain El Paso's Determination
El Paso Natural Gas Company	51.5330%	Yes	Yes
Tom and Alice Bolack	1.8605%	No	
Phillips Petroleum Company	10.4654%	Yes	No
Stanolind Oil and Gas Co.	17.5482%	Yes	Yes
Thomas E. Harrington	9302%	No	
Alice Bolack	3.4884%	No	
Forrest B. Miller	2.7376%	No	
M. A. Romero, et al	11.4367%	Yes	(Not voting)

Respectfully submitted,

EL PASO NATURAL GAS COMPANY

Lease Department

RLH:ms

3537

White while

PHILLIPS PARTIES VILLE, OKLAHOMA

BARTLES VILLE, OKLAHOMA

JULY 9, 1954

Re: San Juan 28-5 Federal Unit #14-08-001-949

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

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

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

#### Gentlemen:

By telegram dated June 26, 1954, Phillips Petroleum Company gave notice of its protest to the determination by El Paso Natural Gas Company, the Unit Operator of San Juan 28-5 Federal Unit No. 14-08-001-949, that 28-5 Unit Well No. 3 in Section 26-28N-5W is not capable of producing unitized substances in paying quantities.

In our opinion this well is capable of producing unitized substances in "paying quantities" under the proper construction and definition of that term as used in the Unit Agreement and as contemplated by the parties to the Unit Agreement as evidenced by the practice of various unit operators under Federal units in the San Juan Field and the determinations made by such unit operators which have been approved by the Director without protest. There are numerous instances in which wells in the San Juan Field drilled to the Mesaverde formation have been determined to be capable of producing unitized substances in paying quantities as that term is used in San Juan Unit Agreements which have no larger potential productive capacity than the well here under consideration. The fact that wells completed at approximately the same depth with smaller potential productive capacity than the well here under consideration were considered by the Director, the Unit Operator and other interested parties to be wells capable of producing unitized substances in paying quantities under the terms of Federal Unit agreements with substantially identical provisions as the 28-5 Unit Agreement is strong evidence of the fact that within the contemplation of the terms of the subject Unit Agreement the subject well is capable of producing unitized substances in paying quantities. Certainly the term "paying quantities" must mean the same thing in one unit agreement in the San Juan Field as in another unit agreement in the San Juan Field where the terms of the agreements are the same. Since the Director and unit operators, including El Paso Natural Gas Company, and other interested parties have, by their actions, previously interpreted the term "paying quantities", as used in said unit agreements, as including wells of no greater potential capacity than the well here under consideration, it would appear that such interpretation of the term

July 9, 1954 Re: San Juan 28-5 Federal Unit #14-08-001-949

"paying quantities" would be binding on the parties. We can see no necessity for deviating from such interpretation in this instance and feel that to do so would be contrary to the apparent intention of the parties to the Unit Agreement.

The mere fact that a well completed in the unit area has a smaller productive capacity than other wells then included in the participating area is not a valid basis upon which to exclude such smaller well from the participating area. The basic principle and objective of the unitization of undeveloped areas is the sharing of risks and benefits by all parties so as to promote the orderly development and operation of such area for the mutual benefit of all parties and to promote the economic development of natural resources. To exclude a small well from the participating area would serve to defeat the basic principle of sharing of risks and benefits and thereby discourage the continued development of the unit.

We therefore respectfully request that the determination by El Paso Natural Gas Company, the Unit Operator of the San Juan Unit 28-5 that 28-5 Unit Well No. 3 is not capable of producing unitized substances in paying quantities be disapproved and that the Unit Operator be directed to make a determination this well is capable of producing unitized substances in paying quantities within the contemplation of the terms of the Unit Agreement.

Yours very truly

PHILLIPS PETROLENM COMPANY

 $\mathbf{B}\mathbf{Y}$ 

R. N. RICHEY - San Juan Division

RNR:wg cc: Attached List

El Paso Matural Gas MANNIFORDIO OCC

TENTH FLOOR BASSETT TOWER

El Paso, Texas

5 April, 1954

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

> San Juan 28-5 Unit No. 14-08-001-949 Rio Arriba County, New Mexico Second Expanded Participating Area Mesaverde Formation Effective 1 April 1954

#### Gentlemen:

Pursuant to Section 11 (a) of the San Juan 28-5 Unit Agreement, # 14-08-001-949, approved 25 August 1953, El Paso Natural Gas Company as Unit Operator determined on 2 March 1954 that one additional well capable of producing unitized substances in paying quantities from the Mesaverde formation had been completed upon committed acreage to this unit and the participating area for the Mesaverde formation is accordingly expanded.

#### This well is as follows:

El Paso Natural Gas Company's San Juan 28-5 #2 Well, located 810' North of the South line and 810' East of the West line of Section 14, Township 28 North, Range 5 West, Rio Arriba County, New Mexico. This well was spudded on 12 November 1953, and reached a total depth of 6167. The pay section was treated with a sand-oil frac. process. The well was tested on 2 March 1954 and after a three hour blow-down gauged an IP of 1235 MCFGPD with an SIPC of 1077# and an SIPT of 1080#. The committed drilling block upon which this well is located is described as the S/2 of Section 14, Township 28 North, Range 5 West, N.M.P.M. and consists of 320 acres.

Attached is Schedule III showing the Second Expanded Participating Area for the San Juan 28-5 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefore and, in the absence of disapproval, this expanded participating area will become effective as of 1 April 1954.

Copies of this letter and schedule are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Lease Department

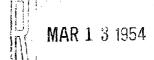
TEA, Jr/mas cc: Attached List El Paso Natural Gas Company

Jul 5 553

TENTH FLOOR BASSETT TOWER

El Paso, Texas

March 8, 1954



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 28-5 Unit #1 Well Determination of effective date for Participating Area

#### Gentlemen:

Pursuant to a recent directive, the effective date of an initial participating area is to be the date of first production which has been determined to be the date the well was completed. In accordance with the above, I am writing you at this time to notify you of our determination regarding the effective date of first production for the initial participating area of the Mesaverde formation for the San Juan 28-5 Unit #1 Well.

This well was completed on 22 September 1953, thus according to the above noted directive from your office, the effective date of this participating area for the Mesaverde formation is 22 September 1953.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Thomas E. Allin, Jr. Lease Department

TEA, Jr:pap cc: Attached List Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. F. Rood Phillips Petroleum Company Bartlesville, Oklahoma

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

Mr. G. B. Jenkinson Stanolind Oil and Gas Company Box 591 Tulsa 2, Oklahoma

Mr. Frank Patania 117 E. Coronado Santa Fe, New Mexico

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas
28 January 1954



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 28-5 Unit No. 14-08-001-949
Rio Arriba County, New Mexico
First Expanded Participating Area
Mesaverde Formation
Effective 1 January 1954

#### Gentlemen:

Pursuant to Section 11(a) of the San Juan 28-5 Unit Agreement, No. 14-08-001-949, approved 25 August 1953, El Paso Natural Gas Company as Unit Operator determined on 8 December 1953 that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon committed acreage to this unit and the participating area for the Mesaverde Formation is accordingly expanded.

This well is as follows:

El Paso Natural Company's San Juan 28-5 #4 Well, located 1650' North of the South line and 1650' West of the East line of Section 19, Township 28 North, Range 5 West, Rio Arriba County, New Mexico. This well was spudded on 2 October 1953, reached a total depth of 5951' and was completed on 14 November 1953. The pay section between 5186' and 5951' was shot with 1593 quarts of S.N.G. The well was tested on 8 December 1953 and after three-hour blow down gauged an IP of 2300 MCFGPD with an SIPC of 1045# and an SIPT of 1041#. The committed drilling block upon which this well is located is described as the N/2 of Section 19, Township 28 North, Range 5 West, N.M.P.M. and consists of 320 acres.

Attached is Schedule II showing the First Expanded Participating Area for the Mesaverde Formation for the San Juan 28-5 Unit Area. This describes the expanded participating area, shows the percentage of unitized substances allocated to each unitized tract, and the exact breakdown of percentage allocated to each tract according to the various ownerships in said tract. Inasmuch as this needs no official approval no provision is made therefore, and in the absence of disapproval, this expanded participating area will become effective as of 1 January 1954.

Copies of this letter and schedule are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Thomas E

Lease Department

TEAJr: je cc: Attached List

553 RS

# El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

December 11, 1953

DEC 1 9 1953

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

Commissioner of Public Lands of the State of New Mexico Santa Fe, New Mexico

Oil Conservation Commission of the State of New Mexico Santa Fe, New Mexico

Re: San Juan 28-5 Unit
No. 14-08-001-949
Approval of Initial Participating Area
Mesaverde Formation

#### Gentlemen:

This is to advise that the Initial Participating Area, Mesaverde Formation, for the San Juan 28-5 Unit Area was approved by the Director, United States Geological Survey on November 19, 1953, the Commissioner of Public Lands of the State of New Mexico on November 10, 1953, and the Secretary of the Oil Conservation Commission of the State of New Mexico on November 3, 1953.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Charles S. Deason Lease Department

CSD:rf

cc: Attached List

## El Paso Natural Gas Company

#### TENTH FLOOR BASSETT TOWER

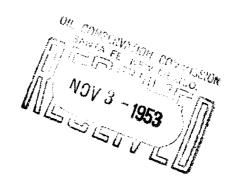
El Paso, Texas

October 29, 1953

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 28-5 Unit No. 14-08-001-949
Rio Arriba County, New Mexico
Request for Approval of
Initial Participating Area - Mesaverde Formation
To Be Effective Date of First Production

#### Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 28-5 Unit Agreement No. 14-08-001-949 approved August 25, 1953, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Initial Participating Area for the Mesaverde Formation. On September 28, 1953, we sent out our Notice of Discovery. This well was completed on September 22, 1953 after the effective date of the unit agreement.

The Initial Participating Area contains 320 acres and is composed of one drilling block with one discovery well located thereon:

Township 28 North Range 5 West

 Well
 Drilling Block
 Acres

 San Juan 28-5#1
 N/2 Section 29
 320

This well is located in the NE/4 of this section. It was completed September 22, 1953 at a total depth of 5938. On a three-hour open blow test this well gauged an IP of 2310 MCFGPD with SIPC of 903#. This well is not yet on productuon.

Attached hereto is our Schedule I legally describing the proposed participating area showing the percentage of unitized substances to be allocated to this unitized tract and also showing the exact breakdown of the percentages so allocated to this tract according to the various ownerships in said tract. We are also attaching a map, Exhibit "A", showing the location of this well and the outline of this Initial Participating Area.

If this Initial Participating Area meets with your approval, please indicate such approval in the space provided on said Schedule I and return an approved copy for our files.

Copies of this letter are being sent to all working interest owners, as indicated on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

R. L. Hamblin

Lease Department

RLH:rf cc: Attached List encls. Copies of the foregoing letter have been sent to the following Working Interest Owners:

Mr. R. F. Rood Phillips Petroleum Company Bartlesville, Oklahoma

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

Mr. G. B. Jenkinson Stanolind Oil and Gas Company Box 591 Tulsa 2, Oklahoma

Mr. Frank Patania 117 E. Coronado Santa Fe, New Mexico

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

SCHEDULE I INITIAL PARTICIPATING AREA FOR THE MESAVERDE FORMATION SAN JUAN 28-5 UNIT AREA

			SF 07521-A		SERIAL NUMBER	
		000° 50° 11/ 5	T-28-N, R-5-W		DESCRIPTION	
			320.00	l⊢i	NUMBER OF ACRES	
None; TOTAL	El Paso Natural Gas Co;	United States of America;	Pors 1+r Omer.	Tract 8	PERCENTAGE	
100,00%	87.50%	12.50%				
100.00%	87.50%	12.50%			COMMITTED	
700000000000000000000000000000000000000	87.50000%	12.50%	100,00000%		PARTICIPATION	

San Juan 28-5#1 Well

PAGE 1

Effective Date of First Production

# RECAPITULATION

Description of lands in Participating Area:
Township 28 North, Range 5 West, N.M.P.M.
Section 29: N/2

Total number of acres in Participating Area: Percent of Working Interest and Royalty Interest committed:

320.00

100.00%

Approved:

Subject to like approval by the appropriate State Officials, effective Date of First Production, pursuant to the pertinent provisions of Sec. 11 of the Unit Agreement.

Approved:

Subject to like approval by the United States Geological Survey and Oil Conservation Commission of the State of New Mexico, effective Date of First Production, pursuant to the pertinent provisions of Sec. 11 of the Unit Agreement.

Approved: 3787

Subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico, effective Date of First Production, pursuant to the pertinent provisions of Sec. 11 of the Unit Agreement.

Commissioner of Public Lands of the State of New Mexico

Geological Survey

Director -

United States

Oil Conservation Commission of the State of New Mexico

333

# MAIN OFFICE of Paso Natural Gas Company

1954 MAY 20 M 8:30

TENTH FLOOR BASSETT TOWER

El Paso, Texas

14 May 1954

W.

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 28-5 Unit Revised Exhibit "B"

#### Gentlemen:

Enclosed please find copies of Exhibit "B" for the above noted Unit revised to 8 May 1954. You will note many changes which have been made due to a great deal of additional information having been obtained since distribution of the Exhibit "B" you now possess.

I have obtained Ratifications and Joinders of the Unit Operating Agreement from the Working Interest Owners that have been added to this Revised Exhibit "B". As soon as all procedures required to conform with the Unit Agreement have been accomplished, regarding ratification by a Working Interest Owner, these documents will be forwarded to your office.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Thomas E. Allin, Jr. Lease Department

TEA, Jr/mas cc: Attached List

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

Mr. R. N. Richey Phillips Petroleum Company Bartlesville, Oklahoma

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

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

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 Mr. Joe Quinn Box 335 Santa Fe, 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

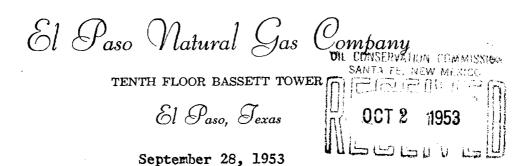
Mr. N. B. Stern La Fonda Hotel Santa Fe, New Mexico

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

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

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

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



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 28-5 Unit Area
No. 14-08-001-949
Rio Arriba County, New Mexico
NOTICE OF DISCOVERY
Mesaverde Formation

#### Gentlemen:

Pursuant to Section 11, paragraph 2, of the above numbered unit agreement you are hereby informed of the discovery of unitized substances in paying quantities from the Mesaverde Formation on lands committed to said unit agreement. This unit agreement was approved on August 25, 1953.

There is one (1) committed well completed in the Mesaverde Formation upon acreage within the unit area of the above numbered unit agreement. This well is El Paso Natural Gas Company's San Juan 28-5 #1 Well located 1650' South of the North line and 1650' West of the East line of Section 29, Township 28 North, Range 5 West, N.M.P.M. This well was spudded on July 24, 1953, reached a total depth of 5938' and was completed on September 22, 1953. The pay section between 5308' and 5938' was shot with 1620 quarts of nitroglycerine. On September 24, 1953, the well was gauged at 2310 MCFGPD on a three-hour open blow test with an SIPC of 903# and an SIPT of 888#.

The drilling block upon which this well is located is the N/2 of Section 29, Township 28 North, Range 5 West, and consists of 320 acres. This

drilling block is fully committed to the unit agreement and pursuant to the above mentioned Section 11 of the unit agreement it is determined by El Paso Natural Gas Company, Unit Operator, that this well is capable of producing unitized substances in paying quantities.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Charles S. Deason

Lease Department

CSD: jaf

cc: Attached List

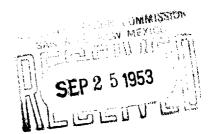
James & B.

### El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

September 22, 1953



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 28-5 Unit Agreement

No. 14-08-001-949

Gentlemen:

Enclosed, for your files, is a copy of the letter of transmittal by which the Director of the United States Geological Survey sent us the approved copies of the above numbered Unit Agreement.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Charles S. Deason Lease Department

CSD: jaf encl.

cc: Attached List

### El Paso Natural Gas Company

#### TENTH FLOOR BASSETT TOWER

El Paso, Texas

September 10, 1953

OIL CONSERVATION COMMISSION
SANTA FE
SEP 1 4 1953

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 28-5 Unit Agreement

follow

No. 14-08-001-949

#### Gentlemen:

Enclosed, for your files, is a fully executed copy of the above numbered Unit Agreement and Unit Operating Agreement. This Agreement was approved by the United States Geological Survey on August 25, 1953. We intend to place these instruments of record in the County Clerk and Recorder's office, Rio Arriba County, New Mexico, at which time you will be furnished the recording data.

A fully executed copy of each of these instruments is being furnished the Working Interest Owners shown on the attached list.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Lease

Charles S. Deason

---

Lease Department

CSD: jaf

cc: Attached List

encls. - 2

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

Mr. R. F. Rood Phillips Petroleum Company Bartlesville, Oklahoma

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

Mr. G. B. Jenkinson Stanolind Oil and Gas Company Box 591 Tulsa 2, Oklahoma

Mr. Frank Patania 117 E. Coronado Santa Fe, New Mexico

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

Mr. Tom Bolack 1010 N. Dustin Farmington, New Mexico

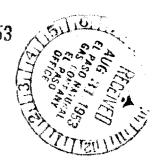
Mr. Forrest B. Miller 220 Shelby Street Santa Fe, New Mexico



# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY WASHINGTON 25, D. C.

LEALE DEPARTMENT

AUG 26 1053



El Paso Natural Gas Company Bassett Tower El Paso, Texas

Gentlemen:

On August 25, 1953, Acting Director of the Geological Survey, Arthur A. Baker, approved the San Juan 28-5 unit agreement, Rio Arriba County, New Mexico, filed by your company as unit operator. This agreement has been designated No. 14-03-001-949, and is effective as of the date of approval.

Enclosed are two copies of the approved unit agreement for your records. It is requested that you furnish all interested principals with whatever evidence of this approval is deemed appropriate.

Although no interests in tracts 10 and 18 are committed to the unit agreement, approval was predicated on the premise that the unit operator has sufficient control in the drilling blocks involved to accomplish the normal drilling and producing performances at the proper time, even though it may be necessary to formulate communitization agreements in conformance with field spacing and allowable programs and to drill pursuant to approved exceptions to the spacing and allowable orders even on a reduced allowable basis, if necessary, in the event commitment of the land can not be secured. Since tract 10 is unleased Federal land, commitment thereof could be accomplished by requiring joinder to the unit agreement as a prerequisite to issuance of the lease. As to the tracts partially committed, that is, tracts in which the working interests are committed but the royalty or record interests are not, it will be incumbent upon the unit operator to preserve the leases by actual leasehold production in the event subsequent joinders of the outstanding interests can not be obtained during the primary terms of the leases involved.

Very truly yours,

the Director

Enclosures 2

OIL CONSERVATION COMMISSION SANTA FE. NEW MEXICO.

JUL 6 1953

1/200

June 30, 1953

El Paso Natural Gas Company Tenth Floor Bessett Tower El Paso, Texas

Attention: Mr. Foster Morrell

Re: San Juan 28-5 Unit Agreement Rio Arriba County, New Muxico

#### Gentlemen:

We are in receipt of your proposed San Juan 28-5 Unit Agreement. We have examined your plan and find that it is similar to U it Agreeme to heretofore approved by this office.

I approve the application as to form but will withhold formal approval until after a hearing before the Oil Conservation Commission of which I am an ex-officio marber. Should the testimony offered in support of the Unit warrant its approval and the Oil Commission so decides I will immediately thereafter issue a formal Cortificate of Approval.

Very truly yours,

E. S. WALKER Cornelesioner of Public Lands

Rosell, New Mexico (3)
Oil Conservation Consission <
Santa Fe, New Mexico (1)

El Paso Natural Gas Company

TENTH FLOOR BASSETT TOWER

El Paso, Texas

11 June 1954

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 file

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Re: San Juan 28-5 Unit No. 14-08-001-949
Rio Arriba County, New Mexico
Noncommercial Well - Mesaverde Formation
Determined 27 April 1954

#### Gentlemen:

Pursuant to Section 11 (a) of the San Juan 28-5 Unit Agreement, No. 14-08-001-949, approved 25 August 1953, El Paso Natural Gas Company as Unit Operator determined on 27 April 1954, that the following described well was not capable of producing unitized substances in paying quantities from the Mesaverde Formation.

#### This well is as follows:

El Paso Natural Gas Company's San Juan 28-5 #3 Well located 960' North of the South line and 1160' East of the West line of Section 26, Township 28 North, Range 5 West, Rio Arriba County, New Mexico. This well was spudded on 24 November 1953 and reached a total depth of 6058'. The pay section between 5548' and 6058' was shot with 1465 quarts of S.N.G. The well was tested on 27 March 1954 and after a three hour blow-down gauged an IP of 673 MCFGPD with an SIPC of 953# and an SIPT of 963#. The drilling block upon which this well is located is described as the S/2 of Section 26, Township 28 North, Range 5 West, N.M.P.M. and consists of 320 acres.

Inasmuch as this determination needs no official approval, no provision is made therefore, and in the absence of disapproval this well will continue to be considered noncommercial.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Thomas E. Allin, J

Lease Department

TEA, Jr/mus

cc: Attached List

FOSTER MORRELL
PETROLEUM CONSULTANT

PETROLEUM CONSULTANT NICKSON HOTEL BUILDING ROSWELL, NEW MEXICO



Mr. R. R. Spurrier Secretary-Director Oil Conservation Commission of New Mexico Santa Fe, New Mexico

Dear Mr. Spurrier:

Reference is made to my letter of June 6 enclosing applications of El Paso Natural Gas Company for approval of the San Juan 27-4, San Juan 28-4, San Juan 28-5 and San Juan 29-4 Unit Agreements, covering lands situated in Rio Arriba County, New Mexico.

Enclosed are three copies each of a map, Exhibit "A", for the San Juan 27-4 and San Juan 28-5 Units. These corrected maps have just been received and are being furnished to complete your files.

I wish to acknowledge receipt of and thank you for the copy of the Notice of Publication covering the special hearing to be held on June 30, 1953 to consider the applications for the four subject units under Cases 551 to 554 inclusive.

Very truly yours,

Foster Morrell

FM: bmsj

cc: Mr. R. L. Hamblin, El Paso Nat. Gas Co.

P. O. BOX 933 PHONES: 3031 or 800

#### FOSTER MORRELL

PETROLEUM CONSULTANT
NICKSON HOTEL BUILDING
ROSWELL, NEW MEXICO

June 6, 1953

Mr. R. R. Spurrier, Secretary - Director, Oil Conservation Commission of New Mexico Santa Fe. New Mexico.

Dear Mr. Spurrier:

Enclosed are Applications of El Paso Natural Cas Company, dated June 6, 1953, in triplicate, for approval of the San Juan 27-4, San Juan 28-4, San Juan 28-5 and San Juan 29-4 Unit Agreements covering lands situated in Rio Arriba County, New Mexico.

Also enclosed are copies of the proposed Unit Agreements and Exhibits thereto. In this connection we wish to advise that the Exhibits as submitted are subject to correction on receipt of information from some working interest owners as to the present status of their interests.

It is my understanding that your office has agreed to the hearing of these Applications on June 30, 1953, unless an earlier date is more convenient to you. If you will kindly confirm the date of hearing, we will greatly appreciate the courtesy.

Very truly yours.

COPY (Original Signed) Foster Morrell

Foster Morrell

Encl.

cc: R. L. Hamblin
El Paso Matural Gas Co.