

MAIN OFFICE OCC

In reply refer to:
Unit Division

1958 AUG 11 AM 8:38

August 3, 1958

C
O
P
Y

Hervey, Dow & Hinkle
Hinkle Building
Roswell, New Mexico

Re: Termination of South Chaco
Unit, San Juan County, New Mexico

Attention: Mr. Howard C. Bratton

Gentlemen:

We are enclosing two counterpart sets of termination instruments, eight copies of the first set and seven copies of the second set, and we are retaining one set of each. These instruments represent seventy five per centum (75%), on an acreage basis, of the working interest of the South Chaco Unit as provided for under Section twenty (20) of the Unit Agreement.

The Commissioner of Public Lands approved this termination as of August 7, 1958, subject to like approval by the United States Geological Survey.

Please transmit to us one fully executed copy as soon as this has been fully executed.

For your information please note that Mr. E. F. Brito's signature, for Skelly Oil Company, is not dated.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/AMR/m

cc: USGS-Roswell
OCC-Santa Fe

In reply refer to:
Unit Division

March 13, 1958

*File
1832*

Hervey, Dow & Hinkle
P. O. Box 547
Roswell, New Mexico

Re: South Chaco Unit Agreement

Attention: Mr. Clarence E. Hinkle

Dear Mr. Hinkle:

In reference to your letter dated March 11, 1958, requesting an extension of thirty (30) days within which to commence operations upon a fifth well in the South Chaco Unit area.

I approve Humble Oil and Refining Company's request for a thirty day extension from March 16, 1958 to April 16, 1958, in which to commence operations on a fifth well. This approval is being made subject to like approval by the United States Geological Survey.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s
cc:

United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission ✓
Santa Fe, New Mexico

July 10, 1957

FL
Case
10-13

In reply refer to:
Unit Division

Humble Oil and Refining Co.
P. O. Box 1287
Roswell, New Mexico

Re: South Chaco Unit

Attention: Mr. James K. Wilson
Exploration Department

Gentlemen:

We have received copies of "Sundry Notices" on your Well No. 3, located in the NW/4 of the SE/4 of Section 23-22N-9W, however, the last report was dated May 13, 1957. May we please have a further report on this well.

We have received no report on a well in 22N-8W which, under the terms of the Unit, you were obligated to start by May 29, 1957. May we have an immediate report on your intentions concerning this well.

Very truly yours,

MURRAY E. MORGAN
Commissioner of Public Lands

By: Ted Bilberry, Supervisor
Oil and Gas Department

MEM:MMR/m

cc: OCC-Santa Fe
USGS-Roswell

MAIN OFFICE 000

FOSTER MORRELL

PETROLEUM CONSULTANT
NICKSON HOTEL BUILDING
ROSWELL, NEW MEXICO

1800 AUG 7 PM 1:05

August 6, 1956

*Case
1033*

Mr. A. L. Porter
Secretary and Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: South Chaco Unit Agreement
San Juan County, New Mexico

Dear Mr. Porter:

On July 19, 1956, the Acting Commissioner of Indian Affairs and the Acting Director of the Geological Survey approved the South Chaco Unit Agreement embracing all of T. 22 N., Rs. 8 and 9 W., N.M.P.M., San Juan County, New Mexico. This agreement is designated by the Department of Interior as Contract No. 14-08-001-2958, and is effective as of the date of approval.

An executed counterpart of the approved Unit Agreement and Unit Operating Agreement for the South Chaco Unit Area is filed herewith for your records pursuant to Section 5 of the Commission's Order No. R-781, dated March 29, 1956, in Case No. 1033.

Great Western Drilling Company, P. O. Box 1659, Midland, Texas, is designated under these agreements as the Unit Operator.

Very truly yours,

Foster Morrell
Foster Morrell

FM/as
cc/ S. H. Snoddy
Great Western Drilling Co.
P. O. Box 1659
Midland, Texas

Joseph P. Donahue, Jr.
Three States Natural Gas Co.
17th Floor Corrigan Tower
Dallas 1, Texas

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE. NEW MEXICO

April 11, 1956

Mr. Foster Morrell
P.O. Box 933
Roswell, New Mexico

Dear Sir:

In behalf of your client, Great Western Drilling Company, we enclose two copies of Order R-781 issued March 29th by the Oil Conservation Commission in Case 1033, which was heard on March 14th. As requested by you, we are sending you one signed copy of the order for your use.

Very truly yours,

A. L. Porter, Jr.
Acting Secretary - Director

ALP:brp
Encls.

C
O
P
Y

MAIN OFFICE 000

RECORDED MAR 29 9:15

FOSTER MORRELL

PETROLEUM CONSULTANT

NICKSON HOTEL BUILDING

ROSWELL, NEW MEXICO

March 27, 1956

Case 1033
R-781

Mr. W. W. Mankin
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: South Chaco Unit
San Juan County, New Mexico

Dear Mr. Mankin:

In accordance with your request, I am forwarding herewith a draft of a proposed order approving the South Chaco Unit Agreement, San Juan County, New Mexico.

The application of Great Western Drilling Company for approval of this Unit Agreement was held by the Commission on March 14, 1956, under Case No. 1033.

I have dated this order as of some day in April, 1956, as I estimated that you would not be able to have it completed during the remainder of March. You will note that I have also made Section 7 of the order read that it shall become effective upon the approval of the Unit Agreement by the respective officials to conform with Section 20 of said agreement. I do not feel that the Indian Commissioner need be referred to in this order as the Director of the United States Geological Survey will not approve the agreement until after the Indian Commissioner has approved same.

I have also indicated A. L. Porter as Member and Secretary as Bill will no longer be with you after the first of the month.

I hope that this will be of assistance to you and, of course, if the order can be approved in March, there is certainly no objection on our part.

With best personal regards, I am

Very truly yours,

Foster Morrell
Foster Morrell

FM/nrd
Enclosures

cc: Mr. E. A. Jenkins
Three States Natural Gas Company

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

*Drafted by
J.M.*

CASE NO. 1033
Order No. R-

THE APPLICATION OF THE GREAT WESTERN
DRILLING COMPANY FOR THE APPROVAL
OF THE SOUTH CHACO UNIT AGREEMENT
EMBRACING 46,123.08 ACRES OF LAND
MORE OR LESS, LOCATED IN TOWNSHIP
22 NORTH, RANGES 8 AND 9 WEST,
NMPM, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 14, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this _____ day of April, 1956, the Commission, a quorum being present, having considered said application and the evidence introduced in support thereof and being fully advised in the premises,

FINDS:

1. That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
2. That the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

1. That this order shall be known as the

SOUTH CHACO UNIT AGREEMENT ORDER

2. (a) That the project herein referred to shall be known as the South Chaco Unit Agreement and shall hereafter be referred to as the "Project".

(b) That the plan by which the Project shall be operated shall be embraced in the form of a unit agreement for the development and operation of the South Chaco Unit Area referred to in the Petitioner's petition and filed with said petition, and such plan shall be known as the South Chaco Unit Agreement Plan.

3. That the South Chaco Unit Agreement Plan shall be, and hereby is, approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing in any manner any right, duties or obligations which are now or may hereafter, be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said South Chaco Unit Agreement, or relative to the production of oil or gas therefrom.

4. (a) That the Unit Area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

TOWNSHIP 22 NORTH, RANGE 8 WEST

Sections 1 through 36: All

TOWNSHIP 22 NORTH, RANGE 9 WEST

Sections 1 through 36: All

containing 46,123.08 acres more or less.

(b) The unit area may be enlarged or contracted as provided in said Plan.

5. That the Unit Operator shall file with the Commission an executed original or executed counterpart of the South Chaco Unit Agreement within 30 days after the effective date thereof.

6. That any party owning rights in the unitized substances who does not commit such rights to said unit agreement before the effective date thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof, or by ratifying the same. The unit operator shall file with the Commission within 30 days an original or any such counterpart or ratification.

7. That this order shall become effective upon the approval of said agreement by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall immediately notify the Commission in writing of such termination.

DONE at Santa Fe, New Mexico on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

A. L. PORTER, Member and Secretary

S E A L

*Case
1033*

FOSTER MORRELL
PETROLEUM CONSULTANT
NICKSON HOTEL BUILDING
ROSWELL, NEW MEXICO

February 20, 1956

Mr. W. B. Macey, Secretary
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: (South Chaco Unit
San Juan County, New Mexico

Dear Mr. Macey:

On February 18 I filed with you in behalf of Great Western Drilling Company the original and a copy of an application for approval of a unit agreement for the development and operation of the South Chaco Unit Area embracing all of T. 22 N., Rs. 8 and 9 W., N.M.P.M., San Juan County, New Mexico, and requesting that the Petition be set down for hearing on March 14, 1956.

Attached for your files is an additional copy of the above described application, all of which have been executed by me as Agent for Great Western Drilling Company.

Very truly yours,

Foster Morrell
Foster Morrell

FM/nrd
Enclosure

cc: Mr. R. C. Tucker, President
Great Western Drilling Company
Midland, Texas

CERTIFICATION -- DETERMINATION

Pursuant to the authority vested in the Secretary of Interior under the Allotted Mineral Leasing Act of March 3, 1909, 35 Stat. 783, 25 U. S. C. Sec. 396, and the Tribal Land Mineral Leasing Act of May 11, 1938, 52 Stat. 347, 25 U. S. C. Secs. 396a, et seq., as to certain restricted Allotted and Tribal Indian lands and delegated to the Commissioner of Indian Affairs by Departmental Order No. 2508 of January 11, 1949, 14 F. R. 258-260, and

Pursuant to the authority vested in the Secretary of Interior as to Federal lands, under the act approved February 25, 1920, 41 Stat. 437, 30 U. S. C. Secs. 181, et seq., as amended, and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, 43 C. F. R. Sec. 4.611, 12 F. R. 6784, we do hereby:

- A. Approve the attached agreement for the development and operation of the South Chaco Unit Area, County of San Juan, State of New Mexico, dated December 19, 1955.
- B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.
- C. Certify and determine that the drilling, producing, rental, and royalty requirements of all Indian leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.
- D. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

14-08-001-295 8

Dated JUL 19 1956


Acting Commissioner of Indian Affairs

Dated JUL 19 1956


Acting

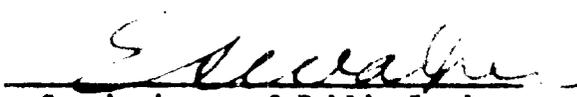
CERTIFICATE OF APPROVAL BY COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO, OF UNIT AGREEMENT FOR DEVELOPMENT
AND OPERATION OF SOUTH CHACO UNIT AREA, SAN JUAN
COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands in the State of New Mexico, for examination, the attached Agreement for the Development and Operation of the South Chaco Unit Area, San Juan County, New Mexico, in which Great Western Drilling Company is designated as Unit Operator and which has been executed by various parties owning and holding oil and gas leases embracing lands within the Unit Area, and upon examination of said agreement the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area;
- (b) That under the operations proposed the State will receive its fair share of the recoverable oil or gas in place under its lands in the area affected, if and when State lands may be included in the unit by enlargement of the unit area;
- (c) That the agreement is, in other respects, for the best interests of the State;
- (d) That the agreement provides for the unit operation of the area, for the allocation of production and the sharing of proceeds from a part of the area covered by the agreement on an acreage basis as specified in the agreement.

NOW, THEREFORE, by virtue of the authority conferred upon me by Chapter 88 of the Laws of the State of New Mexico, 1943, as amended by Chapter 162 of the Laws of the State of New Mexico, 1951, I, the undersigned Commissioner of Public Lands for the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the said agreement and do hereby amend all leases embracing lands of the State of New Mexico committed to said unit agreement, to conform and extend said leases as provided in said agreement so that the provisions of each such lease, so far as they apply to lands within such area, will conform to the provisions of such agreement and so that the length of the secondary term as to lands within such area will be extended to coincide with the terms of such agreement. This approval is subject to all of the provisions of the aforesaid Chapter 88 of the Laws of the State of New Mexico, 1943, as amended by Chapter 162 of the Laws of the State of New Mexico, 1951.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 15th day of March, 1956.


Commissioner of Public Lands
of the State of New Mexico



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 1033
Order No. B-781

THE APPLICATION OF GREAT WESTERN
DRILLING COMPANY FOR APPROVAL OF
THE SOUTH CHACO UNIT AGREEMENT
EMBRACING 46,123.08 ACRES OF LAND,
MORE OR LESS, IN SAN JUAN COUNTY,
NEW MEXICO, WITHIN TOWNSHIP 23
NORTH, RANGES 8 AND 9 WEST, NMPM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on the 14th day of March, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 29th day of March 1956, the Commission, a quorum being present, having considered said application and the evidence introduced in support thereof, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

Section 1. That this order shall be known as the

SOUTH CHACO UNIT AGREEMENT ORDER

Section 2. (a) That the project herein referred to shall be known as the South Chaco Unit Agreement, and shall hereafter be referred to as the "Project".

(b) That the plan by which the Project shall be operated shall be embraced in the form of a unit agreement for the development and operation of the South Chaco Unit Area referred to in the Petitioner's petition and filed with said petition, and such plan shall be known as the South Chaco Unit Agreement Plan.

Section 3. That the South Chaco Unit Agreement Plan shall be, and hereby is, approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing in any manner any right, duties or obligations which are now, or may hereafter, be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said South Chaco Unit Agreement, or relative to the production of oil or gas therefrom.

Section 4. (a) That the unit area shall be:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

TOWNSHIP 22 NORTH, RANGE 8 WEST
Sections 1 through 36: All

TOWNSHIP 22 NORTH, RANGE 9 WEST
Sections 1 through 36: All

Situated in San Juan County, New Mexico, containing 46,123.08 acres, more or less.

(b) The unit area may be enlarged or contracted as provided in said Plan.

Section 5. That the unit operator shall file with the Commission an executed original or executed counterpart of the South Chaco Unit Agreement within 30 days after the effective date thereof.

Section 6. That any party owning rights in the unitized substances who does not commit such rights to said unit agreement before the effective date thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof, or by ratifying the same. The unit operator shall file with the Commission within 30 days an original of any such counterpart of ratification.

Section 7. That this order shall become effective upon approval of said unit agreement by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey, and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall immediately notify the Commission in writing of such termination.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
JOHN F. SIMMS, Chairman

E. S. Walker
E. S. WALKER, Member

W. B. Macey
W. B. MACEY, Member and Secretary

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 1

ADDRESS

4317 Stanhope, Dallas, Texas

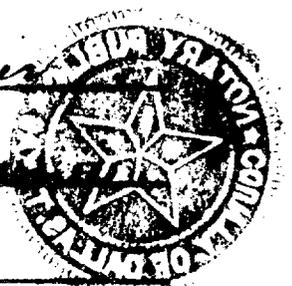
Same

Date: February 22, 1956

SIGNATURE

A. S. Grenier
A. S. Grenier

Jane B. Grenier
Jane B. Grenier



Date: _____

STATE OF
COUNTY OF

)
) SS.:
)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF *Texas*
COUNTY OF *Dallas*

)
) SS.:
)

On this *22nd* day of *February*, 195*6*, before me appeared

A. J. Brenner and *Jane B. Brenner*
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:

1957



Faye Griffin

Notary Public in and for _____
Dallas County,
State of *Texas*

STATE OF
COUNTY OF

)
) SS.:
)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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 and successors in interest.

Tr. 1



ADDRESS

SIGNATURE

ARTEC, N.M.

[Handwritten Signature]

Date: 2/21/56

ARTEC, N.M.

Beverly G. Lewis

Date: 2/21/56

STATE OF)
)
COUNTY OF) SS.:

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

_____ to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF New Mexico)
)
COUNTY OF San Juan) SS.:

On this 1st day of February, 1956, before me appeared

~~Edward Y. Pierce~~ and Beverly Y. Pierce
~~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:

Max Russ

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

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 1

ADDRESS

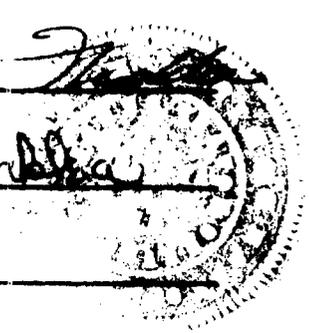
P.O. Box 226 or
402 South 13th Street

Muskogee, Oklahoma.

Date: February 17, 1956

Date: _____

SIGNATURE

Charles J. ...
George ...


STATE OF _____
COUNTY OF _____

SS.

On this _____ day of _____, 19____, before me appeared

_____, to me personally known, who, being by me
solely sworn, did say that he is the _____ President of _____
and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires _____

Notary Public in and for _____
County,
State of _____

STATE OF Oklahoma)
COUNTY OF Muskogee)

SS.

On this _____ day of February, 19____, before me appeared

Charles J. Finley and Jessie Finley
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 _____
Muskogee County,
State of Oklahoma

STATE OF _____
COUNTY OF _____

SS.

On this _____ day of _____, 19____, before me personally

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

My Commission expires _____

Notary Public in and for _____
County,

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chace Unit Area located within the County of San Juan, 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

ADDRESS

SIGNATURE

4230 Hastings Street

El Paso, Texas

Date: March 23, 1956

Virgil Rittmann
Austelle Litta


4230 Hastings Street

El Paso, Texas

Date: March 23, 1956

Virgil Rittmann
Virgil Rittmann, Ancillary Executor
of the Estate of C. F. Rittmann, Jr.,
deceased



STATE OF TEXAS)
COUNTY OF EL PASO) SS.:

On this 23rd day of March, 1956, before me appeared

_____ to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF TEXAS)
COUNTY OF EL PASO) SS.:

On this 23rd day of March, 1956, before me appeared

VIRGIL RITTMANN and ALISTELLE RITTMANN
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,
El Paso State of Texas

LOUISE W. GREGG
Notary Public, in and for El Paso County, Texas
My Commission Expires June 1, 1957

STATE OF TEXAS)
COUNTY OF EL PASO) SS.:

On this 23rd day of March, 1956, before me personally appeared _____ of the Estate of J. F. Rittmann, Jr., deceased appeared VIRGIL RITTMANN, Ancillary Executor /, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that _____ he executed the same as his free act and deed.

My Commission expires:

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

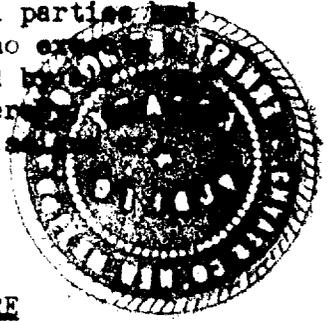
LOUISE W. GREGG
Notary Public, in and for El Paso County, Texas
My Commission Expires June 1, 1957



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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 herety 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 who signed the same document and shall be binding upon all those who execute their counterpart hereof, regardless of whether or not it is executed by all 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 and successors in interest.



Tr. 2, 19

ADDRESS

SIGNATURE

P. O. Box 933

Foster Marshall

Roswell, New Mexico

Eva E. Marshall

Date: March 28, 1956

Date: _____

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 1956, before me appeared

_____ to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires _____

Notary Public in and for _____ County,
State of _____

STATE OF New Mexico)
COUNTY OF Chaves) SS :



On this 28th day of March, 1956, before me appeared

_____ and _____

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

My Commission expires _____

MAR 16 1957

Robert Lee Hodges

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

STATE OF _____)
COUNTY OF _____) SS :

On this _____ day of _____, 1956, before me personally

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

My Commission expires _____

Notary Public in and for _____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 3

ADDRESS

SIGNATURE

1010 Spantoyus

Frank A. Walker

Norman Oklahoma

Charlie A. Walker

Date. Feb. 20, 1956

Date: _____

STATE OF _____)
COUNTY OF _____) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF Oklahoma)
COUNTY OF Cleveland) SS.:

On this 20th day of February, 1956, before me appeared

Frank A. Melton and Clarice A. Melton
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:



Eva J. Parsons
Notary Public in and for _____
Cleveland County,
State of Oklahoma

STATE OF _____)
COUNTY OF _____) SS.:

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

Tr. 4

SIGNATURE

1700 Corrigan Tower

Elizabeth W. Gordon

Dallas 1, Texas

Joseph C. Gordon

Date: Jan. 10, 1956

Joseph C. Gordon

Date: _____

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF **TEXAS**)
COUNTY OF **DALLAS**) SS.:

On this 10th day of January, 1956, before me appeared Joseph E. Gordon and Elizabeth W. Gordon 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, Texas
My Commission Expires June 1, 1957



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

STATE OF)
COUNTY OF) SS.:

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 5

ADDRESS

SIGNATURE

6206 De Loache Ave

Nancy Harman

Dallas 25, Texas

Date: Jan. 10, 1956

Date: _____

STATE OF)
)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF)
)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____ and _____ his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF Texas)
)
COUNTY OF Dallas) SS.:

On this 10 day of January, 1956, before me personally appeared Nancy Harman, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that she executed the same as her free act and deed.

My Commission expires:

LEOLA CUNDIFF
Notary Public, DALLAS COUNTY, TEXAS
My Commission Expires June 11, 1957

Leola Cundiff
Notary Public in and for _____
Dallas County,
State of Texas

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 5

ADDRESS

SIGNATURE

2115 Franklin Ave. N.W.

Francis M. Thompson



Francis M. Thompson

Date: 2-2-51

Date: _____

STATE OF _____)
)
) SS.:
COUNTY OF _____)

On this _____ day of _____, 195____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF New Mexico)
)
) SS.:
COUNTY OF San Juan)

On this 6th day of February, 1956 before me appeared

D. Oscar Thomas and Frances M. Thomas
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:

Dec. 15, 1957

H. C. Buentor
Notary Public in and for San Juan County,
State of New Mexico

STATE OF _____)
)
) SS.:
COUNTY OF _____)

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

Ts. 6

ADDRESS

SIGNATURE

Box 517

Greg English

COLUMBINGTON, N.M.



Date: *FEB. 15, 1956*

None

Frances B. English

Date: _____

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF NEW MEXICO,)
) SS.:
COUNTY OF SAN JUAN.)

On this 1st day of March, 1956, before me appeared

Leroy English and Frances B. English
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:

Sept 15, 1957.



Louis A. De Weed

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

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 6, 9

ADDRESS

SIGNATURE

504 S. Pefferson
Laufman, Texas

George H. Smith

Date: Jan. 13, 1956

Date: _____

STATE OF)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF)
COUNTY OF) SS.:

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

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

My Commission expires:

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

STATE OF *Texas*)
COUNTY OF *Dallas*) SS.:

On this 12th day of January, 1956, before me personally
appeared George H. Smith, a single person, to me known
to be the person described in and who executed the foregoing instrument, and
acknowledged to me that _____ he executed the same as his free act and
deed.

My Commission expires:

LEOLA CUNDIFF
Notary Public, Dallas County, Texas
My Commission Expires June 1, 1957

Leola Cundiff
Notary Public in and for _____
Dallas County,
State of Texas

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

Tr. 7

ADDRESS

SIGNATURE

4712 Abbott, Apt 14
Dallas, Texas

Mary E. Witenberg

Date: January 10, 1956

Date: _____

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

STATE OF *Texas*)
)
COUNTY OF *Dallas*) SS.:

On this 10 day of January 1956, before me personally
appeared Mary E. Wetenkamps a single person, to me known
to be the person described in and who executed the foregoing instrument, and
acknowledged to me that she executed the same as her free act and
deed.

My Commission expires:

LEOLA CUNDIFF
Notary Public, Dallas County, Texas
My Commission Expires _____

Leola Cundiff

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 8

ADDRESS

SIGNATURE

3719 Euclid



Hullus Texas

Mrs Earl L Cooper

Date: January 11-1956

Date: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Tr. 8, 39, 37

ADDRESS

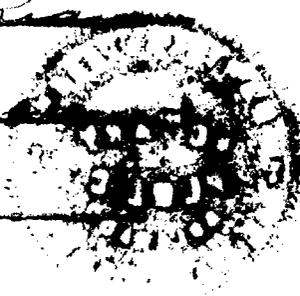
SIGNATURE

P.O. Box 1167

Colorado Springs, Colorado

Date: February 13, 1956

Date: _____

George B. Keane
George B. Keane


STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF COLORADO)
) SS.:
COUNTY OF EL PASO)

On this 13th day of February, 1954, before me appeared

George W. Krause and Kathryn B. Krause
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:

Commission expires Nov. 15, 1959



Mary Kelly
Notary Public in and for _____
County,
State of Colorado

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 9

ADDRESS

SIGNATURE

La Jonda Hotel
Santa Fe, N. M.

George Russell
Elizabeth Brown Hilson

Date: Jan. 19, 1956

Date: _____



STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 19th day of January, 1956 before me appeared

GEORGE RUSSELL WILSON and ELIZABETH BROWN WILSON
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:

4-18-59

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

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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Trs. 10A, 11

ADDRESS

SIGNATURE

1010 N. Dustin, Farmington, New Mex.

John B. ...
...



Date: April 30, 1956

Date: _____

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF NEW MEXICO)
) SS.:
COUNTY OF SAN JUAN)

On this 30th day of April, 19556, before me appeared

Tom Bolack and Alice Bolack

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:

8-25-58

Alice Bolack

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

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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TRACT NO. 11

ADDRESS

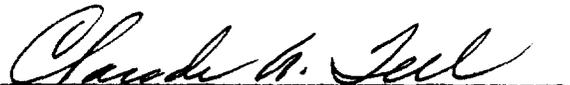
P. O. Box 1316, Oil Center Sta.
Lafayette, Louisiana

P. O. Box 1316, Oil Center Sta.
Lafayette, Louisiana

Date: March 21, 1956

Date: _____

SIGNATURE


Claude A. Teal


Mary Nell Teal

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF LOUISIANA)
)
COUNTY OF) SS.:
PARISH LAFAYETTE)

On this 23 day of March, 1956, before me appeared

Claude A. Teel and Mary Nell Teel
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:

H. Neath

Walter J. Fenduff

Notary Public in and for _____
Lafayette Parish _____ County,
State of Louisiana

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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Tr. 12, 18

ADDRESS

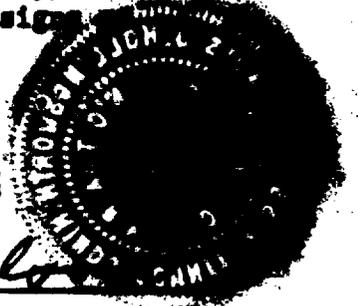
SIGNATURE

143 Ellis ave.

Jackson, Miss.

Date: Feb. 21, 1956

J. W. Wilson
Willie Mae Wilson (Wife)



Date: _____

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF MISSISSIPPI)
) SS.:
COUNTY OF HINDS)

On this 21st. day of February, 1956, before me appeared

J. W. Wilson and Willie Mae Wilson
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:

My Commission Expires April 21, 1958

Gladys J. Hollinger
Notary Public in and for _____
Hinds County,
State of Mississippi

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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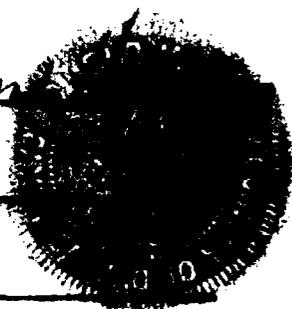
Tr. 12, 18

ADDRESS

SIGNATURE

2607 W. Alameda Ave
Dallas, Texas

Mr. Gene Byrd



Date: 2/12/56

2607 W. Alameda Ave.
Dallas, Texas

Herbert Harlow

Date: 2/13/56

STATE OF _____)
COUNTY OF _____) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

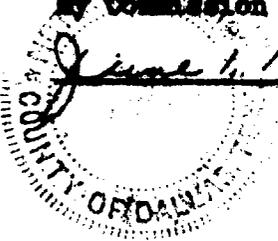
STATE OF Ill.)
COUNTY OF Hall) SS.:

On this 13th day of February, 1956, before me appeared

Richard Harrison and Grace Boyd Harrison
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:

June 1, 1957



Reta Finch
Notary Public in and for Hall
County,
State of Georgia

STATE OF _____)
COUNTY OF _____) SS.:

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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Tr. 13, 15

ADDRESS

SIGNATURE

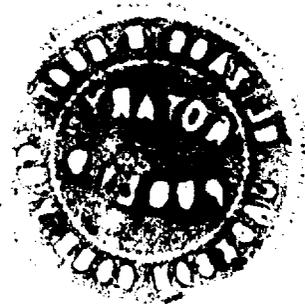
1211 W. 45th Apt. 1-E

Gloria E. Weiler

Kansas City, Missouri

Date: Feb. 7, 1986

Date: _____



STATE OF _____)
)
) SS.:
COUNTY OF _____)

On this _____ day of _____, 195____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF _____)
)
) SS.:
COUNTY OF _____)

On this _____ day of _____, 195____, before me appeared _____ and _____ his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF Missouri)
)
) SS.:
COUNTY OF Jackson)

On this 7th day of February, 1956, before me personally appeared Alvin C. Weide, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that _____ he executed the same as his free act and deed.

My Commission expires:
MY COMMISSION EXPIRES
JULY 10, 1957

Elizabeth Rust
Notary Public in and for _____ County,
State of Missouri



RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Tr. 13

ADDRESS

SIGNATURE

110 Tower Pet. Bldg.

Dallas 1, Texas

Date: *4-17-56*

John R. ...


212 Tower Pet. Bldg.

Dallas 1, Texas

Date: *4-17-56*

Ray E. ...

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF TEXAS)
)
COUNTY OF DALLAS) SS.:

On this 17 day of April, 1956, before me appeared

Perry E. Lunsford and Jean Bulow Lunsford
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:

June 6, 1957

Virginia Sanchez
Notary Public in and for _____
_____ Dallas County,
State of Texas



STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

Tx. 14

ADDRESS

SIGNATURE

921 Pimms Blvd., Albuquerque, N.M.

San J. Bruman

Wesley M. Bruman

Date:

Feb. 6, 1956

Date:

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 6th day of February, 1956, before me appeared

Dan T. Brennan and Vera M. Brennan

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:

2-2-57

Roberta J. Blake

Notary Public in and for _____
Bernalillo
State of New Mexico



STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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 or may be defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever is required under prior agreements) oil and gas duly made at contract rate to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of any 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. 15

ADDRESS

4026 North Kansas Street
El Paso, Texas

Date: _____


W. Lucas
Assistant Cashier

Date: March 2, 1956

Address: P. O. Box 2050
Fort Worth, Texas

SIGNATURE

Helen M. Kolliker

HELEN M. KOLLIKER
(Formerly Helen Magruder)
widow of Roy S. Magruder

William A. Kolliker

WILLIAM A. KOLLIKER

THE FORT WORTH NATIONAL BANK
Independent Executor and Trustee of
Estate of Roy S. Magruder, Deceased

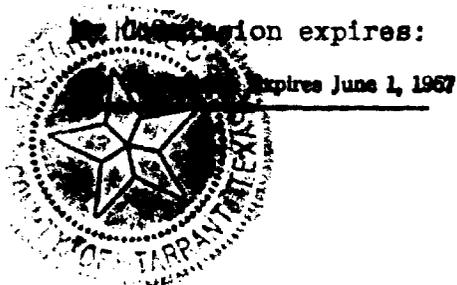
By *O. D. McCauley*
O. D. McCauley, Trust Officer

STATE OF TEXAS)
)
COUNTY OF TARRANT) SS.:

On this 2nd day of March, 1956, before me appeared

O. D. McCaulley, to me personally known, who, being by me duly sworn, did say that he is the ~~President~~ Trust Officer of The Fort Worth National Bank, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said The Fort Worth National Bank acknowledged said instrument to be the free act and deed of said corporation.

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



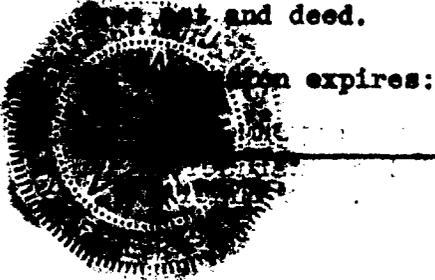
Ruth Ragon Mayo
Notary Public in and for _____
Tarrant County,
State of Texas

RUTH RAGON MAYO
Notary Public, Tarrant County, Texas

STATE OF TEXAS)
)
COUNTY OF EL PASO) SS.:

On this 6th day of March, 1956, before me appeared

William A. Kolliker and Helen M. Kolliker
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.



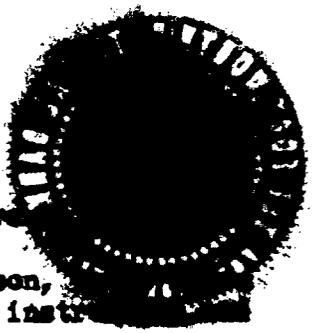
Ruth Ragon Mayo
Notary Public in and for _____
El Paso County,
State of Texas

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:



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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 15

ADDRESS

SIGNATURE

3761 Olympia Dr.

Houston 19, Texas

Date: Feb 17, 1956

J. L. ...

Morene



Date: _____

STATE OF _____)
)
COUNTY OF _____) SS.:

On this _____ day of _____, 19____, before me appeared

_____ to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF _____)
)
COUNTY OF _____) SS.:

On this 29th day of Feb, 1956, before me appeared

_____ and MORRIS LOWAN
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, Texas
My Commission Expires _____

James J. Ludden
Notary Public in and for _____ County,
HARRIS
State of TEXAS

STATE OF _____)
)
COUNTY OF _____) SS.:

On this _____ day of _____, 19____, before me personally

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 16

ADDRESS

SIGNATURE

2309 Alice Stetson
Dallas, Texas

Madge Jones

Date: Jan 10, 1956

Date: _____

STATE OF)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF)
COUNTY OF) SS.:

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

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

My Commission expires:

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

STATE OF Texas)
COUNTY OF Dallas) SS.:

On this 10 day of January, 1956, before me personally

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

My Commission expires:

LEOLA CUNDIFF
Notary Public in and for the State of Texas
My Commission Expires _____

Leola Cundiff

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 16

ADDRESS

SIGNATURE

2106 Fairfield Ave.

Richard N. Ernest

Shreveport, La.

Grace Idamer Ernest

FEB 9, 1956



Date: _____

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF LOUISIANA)
) SS.:
PARISH)
COUNTY OF CADDO)

On this 9th day of February, 1956, before me appeared

Richard H. Ernest and Grace Kramer Ernest
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:

at death

Richard H. Ernest

Notary Public in and for _____
Caddo Parish
State of Louisiana



STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 17

ADDRESS

SIGNATURE

1533 El Campo Dr.

C. M. New

1533 El Campo Dr.

Jane M. New

Date: 2/27/56



Date: _____

STATE OF)
COUNTY OF) SS.:

On this _____ day of _____, 195____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF Texas)
COUNTY OF Dallas) SS.:

On this 27th day of February 1956, before me appeared L. M. Johnson and Jane M. Johnson 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:
June 1, 1957



Margaret Ann Young
Notary Public, Dallas County, Texas
My Commission Expires June 1 1957

Margaret Ann Young
Notary Public in and for _____
Dallas County,
State of Texas

STATE OF)
COUNTY OF) SS.:

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

ROBERT J. BALDWIN, Notary Public
in and for the County of Los Angeles, State of California
My Commission Expires August 2, 1958
1609 Elm Avenue, Torrance, California

Tr. 17

ADDRESS

SIGNATURE

Semp 3812 W 25th Ave

Emilio C. Sique

Denver, Colo.

Subscribed and sworn to before

Date: 3/1/56

1st day of March 1956
Robert J. Baldwin

In and for the County of Los Angeles, S:



Date: _____

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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



COUNTY OF)
) SS.:
)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

Mar. 19

ADDRESS

SIGNATURE

124 ANITA CIRCLE

EL PASO, TEXAS

Date: 3-22-1956

K. A. Miller


124 ANITA CIRCLE

EL PASO, TEXAS

Date: 3 22-1956

Anna Paul Miller

STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

STATE OF TEXAS)
) SS.:
COUNTY OF EL PASO)

On this 22nd day of March, 1956, before me appeared

R. H. MILLER and ANNA PAUL MILLER

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:



Louise M. Cress
Notary Public in and for _____
El Paso County,
State of Texas

LOUISE M. CRESS

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

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

3503 Mackland Avenue, NE,

Albuquerque, New Mexico

Date: 3-31-56.

Date: _____

Tr. 20, 24

SIGNATURE

J. B. Boyer
J. Claire Boyer



STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 31st day of March, 1956, before me appeared

F. R. Bryan and Jo Claire Bryan
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:

1959

J. W. Landon

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

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

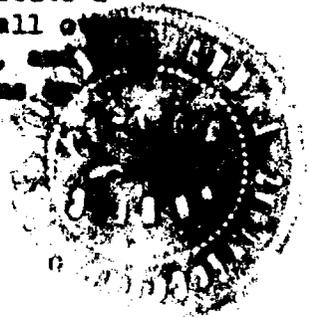
Notary Public in and for _____
_____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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 so executed shall be binding upon the undersigned, his or her assigns and successors in interest.

Tr. 22



ADDRESS

SIGNATURE

302 E. Palace ave

James P. McKenna

Santa Fe, N. M.

Jane E. McKenna

Date: 1-16-56

Date: _____

STATE OF
COUNTY OF

}
} SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF *N. Mexico*
COUNTY OF *Santa Fe*

}
} SS.:



On this 19 day of January, 1956, before me appeared

Lawrence M. Whesley and *James E. McKenna*
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:

My Commission Expires July 23, 1953

Lawrence M. Whesley
Notary Public in and for *Santa*
Fe County,
State of *N. Mexico*

STATE OF
COUNTY OF

}
} SS.:

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 22, 26

ADDRESS

SIGNATURE

P.O. Box 554
Santa Fe, N.M.

Edward M. Digneo

Date: December 5, 1955

Date: _____
STATE OF NEW MEXICO)
) ss
COUNTY OF SANTA FE)

On this 15th day of December 1955, before me personally appeared Edward M. Digneo, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

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

Thomas Henry
Notary Public

My commission expires:
3-5-1959



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

TRACT NO. 23

ADDRESS

SIGNATURE

1018 Idlewilde Lane, S.E.

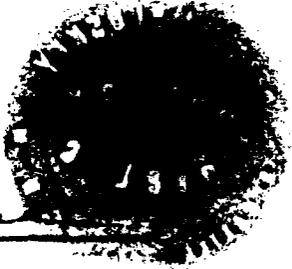
Carrol T. Payne
Carrol T. Payne

Albuquerque, New Mexico

Edith H. Payne
Edith H. Payne

Date: March 21, 1956

Date: _____



STATE OF)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

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

On this 21st day of March, 1956, before me appeared

Carol T. Payne and Edith H. Payne
to me known to be the persons described in and who executed the
_____ instrument, and acknowledged to me they executed the same as their
_____ and deed.

My Commission expires:

My commission expires Sept. 27, 1959.

Orville C. Cook

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

STATE OF)
COUNTY OF) SS.:

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

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 24, 26

ADDRESS

SIGNATURE

1714 W. Third

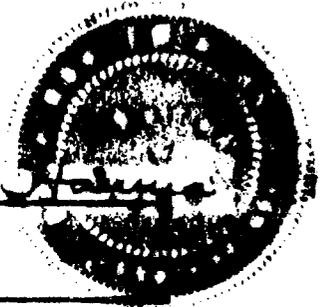
Marion V. [Signature]

Boswell, N. M.

Date: _____

[Signature]

Date: _____



STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 3rd day of April, 1956, before me appeared

L. C. Harris and Marion V. Harris

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

My Commission expires:



Loyce Wilson (Davis)

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

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 2nd day of March, 1956
personally appeared Contract I-149-Ind-7603

Jim Beyale or Tah-chee-nee-nez-bega, C#11926, Heir of Al.#107
and 116

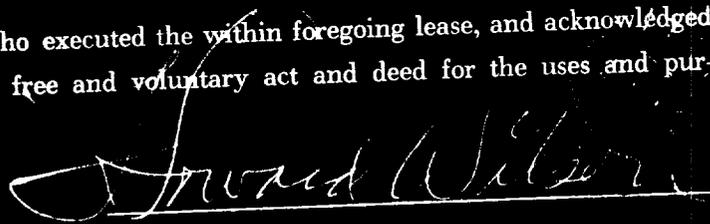
Mrs. Jim Beyale

Neska-la-us also known as Nahti or Antencio Trujillo or
Antonio Trujillo C#12297 as Original Allottee of Al.#109 and
as Heir of #107 and 116

Mrs. Antencio Trujillo also known as Hoska ye-e-teal, C#12069
as Heir to Allot #107 and 116

Mrs. Julian Trujillo

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.



My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

21

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

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

ADDRESS

SIGNATURE



Star Lake
Cuba N. Mex
Date: 3-2-56

[Signature]
[Signature]
[Signature]

[Handwritten notes in right margin]

Star Lake
Cuba N. Mex
Date: 3-2-56

[Signature]
[Signature]
[Signature]

[Handwritten notes in right margin]

State of New Mexico
County of McKinley

} ss.

e

Before me, a Notary Public, on this 14th day of April, 1956
personally appeared

Nellie Griffith, Heir Al. #126 8094
Earl Griffith

Ta Be mah or Glin han nes Bah, Al. #178, 8099
Heir 105 & 106

Nah-glin-nap-pah or Esthon-de-bidy or Glin han nish bah
or Mrs. Walter Herrera, Heir Al. #126 8094

Seehe or Shorty Trujillo, Al. #113 and Heir of Al. #107 & 116 7603
Mrs. Shorty Trujillo or Betty C#9780

Mrs. Tom Lanel, Wife of Tom Lanel, Heir Al. #133, 137, 7603
135 and 136 8095

Lee Smith, Heir of Al. #100 8099

to me known to be the identical person(s) who executed the within foregoing lease, and
to me that they executed the same as their free and voluntary act and deed for the
poses therein set forth.

Howard Wilson



My Commission expires Sept. ~~My~~ Commission expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Production of the South Chaco Unit Area located within the County of San Juan, 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 therein generally held or which may arise under existing leases, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, do hereby consent to the inclusion of said lands within the Unit Area herewith defined, jointly, 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 terms of any lease given by the undersigned or under which the undersigned claim an interest herein is amended 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.

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ADDRESS

SIGNATURE

Comiskey Store
Cuba New Mex
4-16-56

Nellie Griffith
 New 126

Her Rb. thumb print
 8094

Frank D. Griffith
 TA-De-mah Bl 178
 New Mex New Mex 105-106

Her Rb. thumb print

Comiskey Store
Cuba New Mex
4-16-56

Mrs. Walter Herrera
 8094

Her Rb. thumb print
 8099

Robert J. Griffith
 Cuba New Mex 9779

Her Rb. thumb print

Shirley J. Griffith
 New Mex 10-75-106 Bl 115

Her Rb. thumb print

Mrs. Shirley Griffith
 New Mex 9780

Her Rb. thumb print
 7603

Witnessed and signed this _____ day of _____ 1956.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Gaseo Unit Area located within the County of San Juan, 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.

See mark

ADDRESS

SIGNATURE

Maguzie D. Mey

Mrs. Tom Leub 7603
Husband Hein 7133-137 8095

Date: 4-16-56

Date: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

Farmington, N. Mex

Lee Smith 8099
Heir of 100

Date: 4-16-56

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this _____
personally appeared

5 day of March, 1956

Ge-non-es-pah Cayadito C#9647, Heir of Allot #92 or Al.#128 and
129 or Mrs. Joe Julian or Mrs. Smiley Norberto
Contract #I-149-Ind-8096
Contract #I-149-Ind-7603

Joe Julian, husband also Heir 107 and 116, original Al.#115
Contract #I-149-Ind-7603

Marvin Denison or Marvin Denetso C#9704, Heir of Al.#126
Contract #I-149-Ind-8094

Mrs. Marvin Dennison or Mrs. Denetso

Ilth-hah-pah or Alice Denetso Thomas or Mrs. Leo Tomas C#9705,
Heir of Al.#126

Mr. Leo Tomas
Contract #I-149-Ind-8094

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Howard Wilson

My Commission expires ~~My~~ ¹⁹⁵⁴ Commission expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

20

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

Pueblo Alto

Her Mark
8096
7603
De-Honessah Coyadito or
Mrs Joe Jackson or Mrs Emily Roberts

Crownpoint Dome

8098
Joe Jackson
Adelta

Date: 3-5-56

Pueblo Alto

8094
Mark
Marian Pennington
a'marin benito
Mrs Marian Pennington or
Her Mark
Mrs Leo Jones

Crownpoint Dome

Date: 3-5-56

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 27 day of Jan, 1956
personally appeared

Contract I-149-Ind-8094

Samuel Sandoval, Heir of Julian Sandoval, Heir of Al. #126.

Contract I-149-Ind-8099

Kenneth Smith, Heir of Al. #100

Richard Smith, Heir of Al. #100

Wilbert Smith, Heir of Al. #100

Contract I-149-Ind-7603

Alfred Nelson or Hoska-ye-ge-nee-wood, C#12287 as Heir to Al. #107,
and 116.

Contract I-149-Ind-8098

Bah Rico or Boah or Bah Sonnie, Heir of Al. #94, 95, 96 and 97.

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Howard Wilson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

San Jo. Farmington N.M.

Samuel Anderson

Kirtland N.Mex

Deanna Smith

Date: Jan. 27-56

Richard Smith

Farmington New Mex.

Robert Smith

Albia New Mex.

Alfred Nelson

Date: Jan. 27-56

Bob Rice

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 19 day of Jan, 1956
personally appeared

Contract I-149-Ind-8095

Contract I-149-Ind-7603

Mrs. Lanell or Sun-sue or Mrs. Daniel, Al#134, C#12188 and Heir to Al.#135, 133 and 137

Frank Valino Husband of Deceased Ah-ch-nee-pah or Mrs. Trinquinino or Mrs. Sarah L. Valino, C#12193, Heir to Al.#135, 133 and Al.#137.

Mrs. Levi Norberto, Wife of Levi Norberto or Es-ske-cle (Al#93), Heir of Al#22 on Contract I-149-Ind-8096

Contract I-149-Ind-8096

Contract I-149-Ind-7603

George Tsosie or Mitchell Tsosie, C#10009, Heir to Al.#94, 95 and 96



to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

Howard Wilson

My Commission expires Sept. 1, 1958. September 1, 1958.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>Nezperce, N. Mex.</u>	8095 7603 <u>Mrs. Luel</u> <i>Her mark</i>
<u>Crownpoint, N. Mex.</u>	8095 7603 <u>Frank Valino</u> <i>His mark</i>
Date: <u>1-19-56</u>	8092 <u>George Esau</u> <i>mark</i>
<u>Crownpoint, New Mex.</u>	7603 8096 <u>Mrs. Levi Norberto</u>

Date: 1-19-56



State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 17 day of Jan, 1956
personally appeared

Contract I-149-Ind-7603

Zuna or Jake Julian C#12265 also known as Censue #12410 as
Heir to Allot #107 and 116

Seehee or Shorty Trujillo as Original Al.#113 and heir to
Al.#107 and 116

Mrs. Martin or Da-ta-pah Al.#641, Widow, Heir to Al.#103 and 104
on Contract I-149-Ind-8097

Mrs. Hosteen Beyale or Glee-nee-mun-pah also known as Emma
Trujillo, C#12286 and Heir to Al.#107 and 116

Tom Lanel or Choia or Nah-ti-ye-1-yah or Daniel Tom or Tom
Lionel, Heir of Al.#133 and 137 and also known as Nah-ti-te-ya or
Daniel Tom C#12292 and Heir of Al.#135 and 136 on Contract I-149-
Ind-8095. Al.#136 is for self

Evans Juliante or Evans Julianito C#12224, Heir to Al.#197,
114 and 116

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

[Handwritten Signature]



My Commission expires September 1, 1957

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 14 day of Jan, 1956
personally appeared

Contract I-149-Ind-7603

Fred Willie or Eska-yazza also known as Huska-tahl-s-wot C#10338,
Heir of Al.#107 and 116

Alfred Marion or Alfred Yazza or Hoska-tahl-wot or Alfred Yazza
Marion C#10344 as Heir to Al.#107 and 116.

Bessie Norberto or Da-yazzie or Day-yazzie Norberto or Mrs. Dick
Beyale C#12097, Heir to Al.#128 and 129, also Heir of Al.#92, on
Contract I-149-Ind-8096.

Mrs. Manuel Padilla or Yons-pah or Yus-na-edway C#12220 as Heir
to Al.#107 and 116.

Mrs. Tom Augustine or Tadespah C#12088, Heir to Al.#120 and 129
and Al.#92 on Contract I-149-Ind-8096.

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Howard Wilson

My Commission expires ~~Sept~~ ^{Sept} September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

4

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

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

ADDRESS

SIGNATURE

Crownpoint h. Mex

7603 Fred Willie

His mark
Her mark

Farmington h. Mex

Mrs. John Yozzo

Crownpoint h. Mex

Date: 1-14-56

7603

Alfred Marions

His mark
Her mark

Hoguzie h. Mex

7603
8014 Bessie Roberts

His mark
Her mark

Crownpoint h. Mex

7603 Mrs. Manuel Padilla

His mark
Her mark

Date: 1-14-56

7603

Mrs. Tom Augustino

Reference, a Henry ...
personally appeared

W. ... or ... #12095, heir of Allet. #92
and for self Allet.

Contract I-119-Ind-8096
Contract I-119-Ind-7603

W. ... or ... #12095, heir of Al. #92
Mrs. W. ... or ...

Contract I-119-Ind-8096
Contract I-119-Ind-7603

Alonzo Rafael or ... #12327, heir of Al. #107, 114 and 118.
Mrs. Mary Alonzo or Mrs. Alonzo Rafael

Contract I-119-Ind-7603

Mrs. John ... heir of John ... or Nah tah Al. #132 and
heir of Al. #92

Mary Rose ... or Mrs. ... Joe, heir of John ... or
Nah tah Al. #132 and heir of Al. #92

John ... heir of John ... or Nah tah Al. #132 and
heir of Al. #92

Contract I-119-Ind-8096



to me known to be the identical persons (s) who executed the within foregoing ... and acknowledged
to me that they executed the same as their free and voluntary act and deed for the purposes
therein set forth.

Howard Wilson

My Commission expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

12

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

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

ADDRESS

SIGNATURE

Crownpoint N. Mex

Luis Norberto

8096
7603

Kimbatoh

Willie Norberto

8096
7603

Date: 2-3-56

Marion Norberto

Star Lake

Rafael Atencio
Mrs. May Atencio

-7602

Cuba New Mex.

Date: 2-3-56

Michael Norberto

8096

Howard Wilson

Mary Rose Norberto
or Mrs. Ashley Joe

Rose Norberto

1
mark

1
mark

1
mark

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 9 day of Jan, 1956
personally appeared

Contract I-149-Ind-7603

Contract I-149-Ind-8096

E-yanza, also known as Joe Norberto, C#12106, Heir to Al.#128 and 129, also to Al.#92.

Mrs. Joe Norberto

Contract I-149-Ind-8096

Contract I-149-Ind-7603

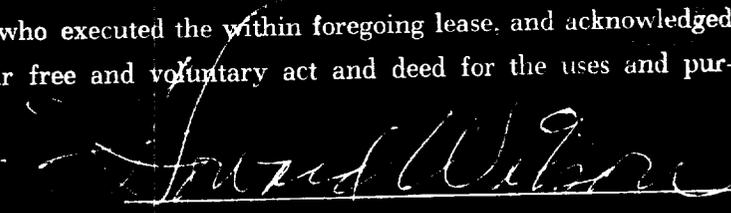
Horn Augustine or Che-ley Norberto (Al.#131), C#11909, Heir of Al.#98, and Al.#128 and 129, Also known as Mrs. Hosteen Pah, Widown

Contract I-149-Ind-6099

Pah Shay or Mrs. Joe Yazzie, Heir of Al. #105 and 106

Mrs. Joe Yazzie

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.


My Commission expires Sept. 1, 1954. **My Commission expires September 1, 1958**

#2

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

Magazine

8096

Norm Augustine

His thumb print

San Mex

7603

Joe Roberts

His thumb print

Date: Jan 9 - 56

Mrs Joe Roberts

Her thumb print

Farmington

8099

Mrs Joe Yozzie

Her thumb print

San Mex

Mrs Joe Yozzie

Her thumb print

Date: Jan 9 - 56

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 11 day of Jan, 1956
personally appeared

Contract I-149-Ind-8099

Art Werito or Arch Werito, Heir of Al.#105 and 106

Ada or Mrs. Art or Arch Werito or Warito

Contract I-149-Ind-7603

Contract I-149-Ind-8096

Bessie Boyale or Da-yazzie also known as Day-yazzie Norberto or as
Bessie Norberto or as Mrs. Dick Beyale, C#12097 as Heir Al.#128
and 129, and of Al.#92.

Contract I-149-Ind-8096

Contract I-149-Ind-7603

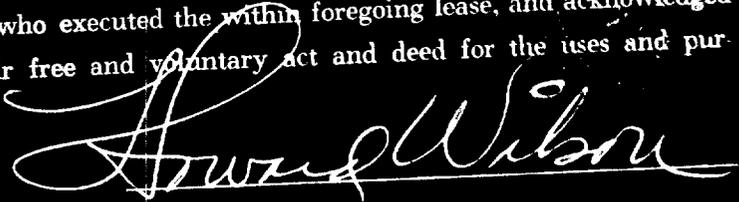
Jennie Augustine or Tah-des-pah, also known as Mrs. Tom Augustine
C#12000, Heir of Al.#92, and heir of Al.#128 and 129.

Contract I-149-Ind-8099

Ni-ti-y-ealth-hi-yah or Charley Joe, Heir of Al.#100

Mrs. Charley Joe

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.



My Commission expires Sept. 1, 1958
My Commission expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

B. W. Ranch
Farmington N. Mex. ^{Box 401}

Date: 1-11-56

Escondido Street
Magazine
Farmington N. Mex.

Date: 1-11-56

[Signature]
[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Her thumb print
Her thumb print
Her thumb print
Her thumb print

Howard Wilson

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 17 day of Feb, 1956
personally appeared

Lorena Sandoval or Yah-des-pah also known as Yah-du-pah or as
Yah-de-pah or as Lorena Foster Sandoval or As Lorena Sandoval
or as Mrs. George Chopo Sandoval, Census#10022 or as Alot #138

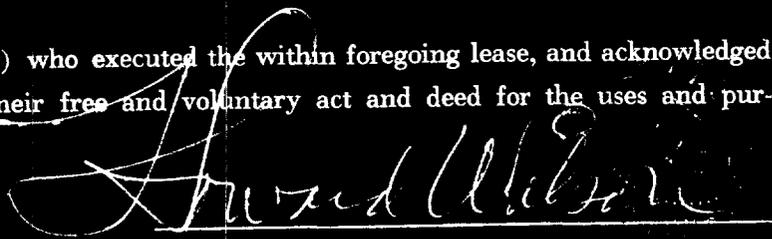
Contract #I-149-Ind-7603

Glinth-dez-bah or Mrs. Keith Begay, Heir of A1#103 and 104

Keith Begay

Contract #I-149-Ind-0097

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.



My Commission expires ~~Sept 1, 1954~~ Commission expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

White Horse store

Louisa Sandoval 7603

Crown Point N.M.

Date Feb 11-56

Del Del

Mrs Keith Begay 8097

Gallup New M.

Keith Begay

Date: _____

a

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 16th day of April, 1966
personally appeared

Richard Sandoval, Heir of Al. 107-116	7603
Charlie Tsosie, Heir of 94-95-96	8098
Mrs. Bessie Tsosie	
Ignacio Atencio, Heir of 107-116	7603
Mrs. Ben Ignacio, Heir of 107-116	7603
Mrs. Joe Tso or Nah cle-ya-nas-pah-widow, Heir 103-104	8097
John Tso or Nah-yah-Tso, Heir Al. #103 and 104	8097
Juanita Tso or Mrs. John Tso	

to me known to be the identical person(s) who executed the within foregoing instrument, and to me that they executed the same of their free will and consent, and that they are the persons named therein set forth.

[Handwritten Signature]


My Commission expires September 1, 1967

ENTIRETY AND TERMS OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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 provisions presently held or which may arise under existing agreements, or other interests in production covered by said Unit Agreement hereby severally, and 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 terms of any lease given by the undersigned or under which the undersigned claims an interest therein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, that the drilling, development and producing requirements of all leases and other contracts in which such several rights and interests are created or defined shall be promptly performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under said agreements) oil and gas duly made at contract rates applied to the production librated 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 Entirety and Terms 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 acknowledged shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

Herbert H. Post
107-116
107-116
107-116

Herbert H. Post
Richard L. ... 7603
 107-116
Charles ...
 94-95-96 9925
Bernard ...

Her Lake
107-116
107-116

Agnes ... 7603
 107-116
Ever ...
Mrs. Rose ... 7603
 107-116

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 25 day of Jan, 1956
personally appeared

Contract I-149-Ind-8097

Na tah elth Wolth or Little Charlie Al.#1668, C#12374, Heir of
Al.#103

Mrs. Little Charley

Contract I-149-Ind-8097

Nata-ye-ta-na-yah-Tso, Heir of Al.#103 and 104 or Old Lady Singer
the Woman who don't Sleep.

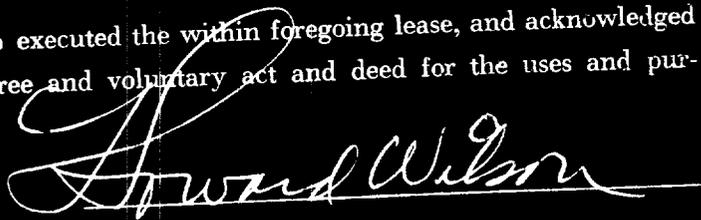
Contract I-149-Ind-8099

Mrs. Agupito Atencio or Mrs. Blue Sheep or Choh, Heir of All.ot#
105 and 106

Contract I-149-Ind-7603

Pa-he, or Mrs. Bahe Nelson, also known as Bahe Nelso, widow,
C#12284, Heir of Al.#107 and 116

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.



My Commission expires ~~September 1, 1954~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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<u>ADDRESS</u>	<u>SIGNATURE</u>	<i>Handwritten notes and fingerprints</i>
<u>Farmington N. Mex 8097</u> <u>N. Mex</u>	<u>Little Chaco</u> <u>Con #12374</u> <u>Mr. Little Chaco</u>	<i>Handwritten: Little Chaco</i> 
Date: <u>Jan 25 - 56</u>	<u>8097</u> <u>O. G. Faby Singer</u> <u>Con #10560</u>	<i>Handwritten: Little Chaco</i> 
<u>Chaco Canyon</u> <u>Farmington N. Mex</u>	<u>8099</u> <u>Mr. Auguste Atanasi</u> <u>Mr. John S. King</u> <u>Con #12121</u>	<i>Handwritten: Little Chaco</i> 
Date: <u>Jan 25 - 56</u>	<u>7609</u> <u>Mr. Baker Nelson</u>	<i>Handwritten: Little Chaco</i> 

7

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

Cragmer Sanatorium
Colorado Springs, Colorado

Date: April 21, 1956

Cragmer Sanatorium
Colorado Springs, Colorado

Date: April 21, 1956

SIGNATURE

Joseph A. Davis, Chas. L. Smedley
for them as per
#
Heir of al 101 and 151
8099 also 7607

Heir

mark

Ruth Newman Fireshaker
(Mrs. R. N. Fireshaker)

Ruth Newman Fireshaker
8097

Heir al #103 and 104

STATE OF Illinois
COUNTY OF Ill. State

SS.:

On this 1st day of June, 1956, before me appeared

John Smith, to me personally known, who, being by me duly sworn, did say that he is the President of ABC Corporation and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said John Smith acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

George J. Davis
Notary Public in and for Ill. State County, Ill. State
State of Illinois

My Commission expires January 23, 1959

STATE OF Illinois
COUNTY OF Ill. State

SS.:

On this 1st day of April, 1956, before me appeared

John Smith 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:

George J. Davis
Notary Public in and for Ill. State County, Ill. State
State of Illinois

My Commission expires January 23, 1959

STATE OF
COUNTY OF

SS.:

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

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 30 day of Jan, 1956
personally appeared

Billie Tsosie, Heir of Al.#94, 95 and 96.

Mrs. Billie Tsosie

Contract I-149-Ind-8098

Alth-nos-bah or Mrs. Kee Sandoval, Heir of Al.794, 95 and 96.

Mr. Kee Sandoval, S. S.#525-40-6959

Contract I-149-Ind-8098

Des-pah Chiquito Sandoval, C/#9340, Widow and Heir to Al.# 121 and
122

Contract I-149-Ind-7603

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.


Howard Wilson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

White Horse Lake

Crownpoint N. Mex

Date: 1-30-56

White Horse Lake

Crownpoint N. Mex.

Date: 1-30-56

Bilbi Iossie

Mrs. Bilbi Iossie

Arth - Mrs. Baker

Mrs. Ke Anderson

Mrs. Ke Anderson

525-40-6959

Despach Chiquita

his mark

8098

her mark

8098 *her mark*

his mark

her mark

13

State of New Mexico }
County of McKinley } m.

Before me, a Notary Public, on this 12th day of April, 1956
personally appeared

Ha mus bah or Thelma Batennie, Co#12344, Heir of Al.#103 8097
Willie Jim

Ocie or Cecie or Thelma Chaenic Tescie or Zennie th palia, 8097
Heir of Al. #103

Elisabeth Teller or Glin yildh nes jis bah, Heir Al.# 126 8094
Probate reference @ 132-53-widow of John Teller

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Howard W. Wilson

My Commission expires ~~Sept 1 1954~~ ~~my Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

Reggie D. Mey

8097

Hand Aug Baker or Thomas Battoni
W. Willie Jim
Heir 103 212344

Idem mark 8097

Date: 4-12-56

Oliver & Ocie or
Thelma Chera Jassie
or Zornie th polia
Heir 103

Idem mark 8097

B & W Ranch

Farmington N. Mex

Date: 4-12-56

Elizabeth Jellison

Idem mark 8094

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 16 day of June, 1956
personally appeared

Clarence Tso or Bi-ich-la-tin or Bish-than, Heir of Allot #103
an 104

Contract I-149-Ind-8097

Andy Tsosie, Heir of Al.#94-95 and 96

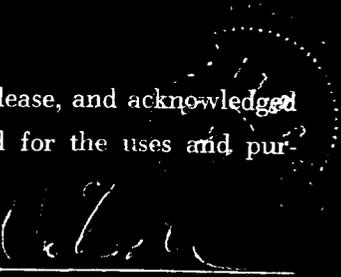
Grace Tsosie or Mrs. Andy Tsosie

Contract I-149-Ind-8098

Bessie Sandoval or Mrs. Julian Sandoval or Mrs. Julius
Sandoval, Widow, Heir of Al.#126

Contract #I-149-Ind-8094

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.


James Nelson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

16

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

Kimbeth

Blaine Inc 8077

Wagoner Ned

Date: Jan 16 - 56

Armington Ned

Andy

201 North Orchard

Grace Esosie

Armington N. Mex.

Bessie Sandoval

Date: Dec 21

State of New Mexico

County of McKinley

L

Before me, a Notary Public, on this 13 th. day of April, 1956
personally appeared

Rodger H. Sandoval, Heir of Al. #126	8094
Merril L. Sandoval, Heir of Al. #126	8094
Rosie T. Scott or Atad or Da Nas Bah	8097
Mr. Dick C. Scott, Heir of Al. #103	8097

Mrs. Stella Tapsie Lee, Heir of 94, 95 & 96	8098
Mr. Herman Lee	

Mr. Paul Begay or Dalith Tso Heir of Al. #103 & 104	8097
Eshi hi Tsosie, Heir of Al. #100	8099

Mr. Jim Harvey or Jim River, Husband of Yealth doz Bah or Mrs. Jim River, Deceased, Heir of Al. #100	8099
---	------

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the use and purposes therein set forth.

My Commission expires September 1, 1954

My Commission expires Sept. 1, 1954.

Howard Wilkins

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

Sp 638 - Chamber, Arizona
RR 2 Box 859 Phoenix, Arizona

Rodger W. Darlow
Merle L. Darlow 8094
Fair 12.6

Date: 4-13-56

Gen Mel

FARMINGTON, N. MEX.

S. Rosie T. Scott
Wesley C. Scott 8097
Fair 103

Date: 4-13-56

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

P. O. Box 626,

Shiprock, N. Mex.,

Date: 4-13-56

(Mrs.) Stella J. ...
94-95-96
Hesperia 8098

Paul Begay 8097
103-1681

Gen. Col. ...

Date: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

Old Jig Past

Farmington N.M.

Date: April 13 - 56

SIGNATURE

* Jim M. Overmyer
Herrn AL 100 8099

Eshiki Jossie
Herrn AL 100 8099

Date:

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 7 day of Feb, 1956
personally appeared

Andy Newman or Andy Antonio, Heir of Al.#103 and 104
Esther G. Newman

Contract I-419-Ind-8097

Andrew Newman Jr., Heir of Al.#103 and 104
Arthur Newman, Heir of Al.#103 and 104
Francis Norberto, Al.#90, C#12089, Heir of Al.#92
Mrs. Betty Norberto or Mrs. Francis Norberto

Contract I-149-Ind-8096

Ekid-his-pah or Mrs. Julia Jake or Mrs. Julian Jake, Al.#90
and Heir of Al.#94-95-and 96
Julian Jake

Contract I-149-Ind-8100

Contract I-149-Ind-8098

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

Armed Claborn

My Commission expires Sept. 1, 1954
My Commission expires September 1, 1958

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15

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

It Wingate
New Mex

Carhyman man 8097
Esther D. Thomas 8097

Crownpoint N.M.

Frank Francis Roberts 8096
Mrs Betty Roberts

It Wingate
New Mex

Andrew Newman Jr. 8097
Arthur Newman 8097

White Horse Lake
Crownpoint N.M.

Mrs Julia Joke 9100
mark 5096

2-7-56

Howard Wilson

Julian Joke

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 27 day of Feb, 1956
personally appeared

Navajo Thomas Al# 061809 (C#12378) Heir of Al. 103 and sole
Heir of Joe Thorn as minor Heir of Al.# 103

Irene Thomas or Arline Thomas, Heir of #103

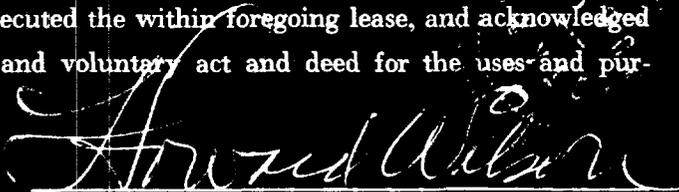
Junior Thomas or Walter Thomas, Heir of #103

Hoska-yeth-e-dal or Kee Max Heir of Al#103, C#12381

Mrs. Kee Max

Contract #I-149-Ind-8097

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.



Howard Wilson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

19

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

J. Mitchell J. Mc

[Signature]

Date: 2-27-56

[Signature]
[Signature]

J. Mitchell J. Mc

[Signature]

Date: 2-27-56

Ms. K. Max

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 17 day of Jan, 1956
personally appeared

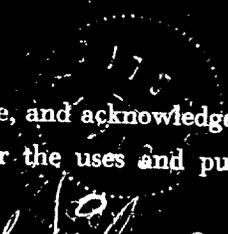
Christine W. Henio or Christine Kien Henio, C#6127, Heir of
Al. #103 and 104

Contract I-149-Ind-8097

Bessie Newman, Heir of Al. #103 and 104

Contract I-149-Ind-8097

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.


Howard Wilson

My Commission expires Sept. 1, 1958 ~~My Commission expires~~ September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

Pratt

Christine M. Henio 8097

New Mex.

Date: Jan 17-56

Bessie Newman 8097

Date:

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this _____ day of _____, 1956
personally appeared

23 day of Jan

Contract I-149-Ind-8097

Joe Paul or Hostein Ba-kiho, Al#028272, Heir of Al.#103

Mary Paul or Mrs. Joe Paul

Joe Charley or Keith Chee, Heir of Al.#103

Mrs. Joe Charley

Paul Newman or Hok-ka or Kee-Chee, Al#028267, C#12349, Heir of Al.#
103

Mrs. Paul Newman

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

Lawrence Wilson

My ~~Commission expires~~ ^{Sept. 1, 1954.} September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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

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

ADDRESS

SIGNATURE

Fruitland
New Mex

Date: 1-23-56

Farmington
New Mex

Date: 1-23-56

8097 { Joe Paul
Mary Paul

8097 { Joe Charley
Mrs. Joe Charley

Mrs. Newman

[Handwritten signature]

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 3 day of Feb, 1956
personally appeared

Kee Tsosie or Miles Tso (Al 642) heir of Al.# 103 and 104
Eleanor Tso or Mrs. Miles Tso

Contract I-149-Ind-8097

Betty T. James, Widow or Betty Tsosie or Mrs. Walter James,
Heir of Al. #97, 94, 95 and 96.

Contract I-149-Ind-8098

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Frank Wilson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

Loreau School
Cuba N. Mex

Wiles Tso } 8097
Eleanor Tso }
Betty J. James 8098
 widow

Date: Feb 3 - 56

Date: _____

Howard Wilson

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this 5th day of Jan, 1956
personally appeared

A-detl-pehe or Mrs. Frank Lopez (Al. #50) C#11689, Heir of Al.#
103 and 104

Frank Lopez

Contract #I-149-Ind-8097

Juan Guerito or Nah-ti-be-Claw (Al.#86), Heir of Allot 105 and 106

Arlene Guerito or Mrs. Juan Guerito

Contract #I-149-Ind-8098

John P. Tsosie, Heir of Al.#94, 95 and 96

Rose Ann Tsosie or Mrs. John P. Tsosie

Contract #I-149-Ind-8098

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged
to me that they executed the same as their free and voluntary act and deed for the uses and pur-
poses therein set forth.

Howard Wilson

My Commission expires Sept. 1, ~~1957~~ **My Commission expires September 1, 1958**

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

1-5-56

Mageezie N. M.

Date: 1-5-56

1157 Chaco Ave
Farmington, N. Mex.

Date: 1-5-56

Mrs. Frank Lopez

Frank Lopez

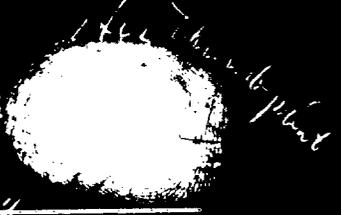
Rudie Guenther

John B. Jossie

John B. Jossie

Rose Ann Jossie

Howard Wilson



State of New Mexico }
County of McKinley } ss.

Q E

Before me, a Notary Public, on this 10th day of April, 1956
personally appeared

E-kid-des-pah, Al. #102, and

Heir Al. #100 Contract 8097 and 8099

Da Bah or Hosteen-de-na-has tinnie, Heir of Al. #100 8099

Ye nas pah or Fannie Francisco, Heir of Al.#100 8099

Kin-ne-bah or Mrs. Nikia Yazzie, Heir of Al.#100 8099

Mr. Nikia Yazzie

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the use and purposes therein set forth.

Edward A. [Signature]



My Commission expires Sept. 1, 1956
My Commission expires September 1, 1956

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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<u>ADDRESS</u>	<u>SIGNATURE</u>	
<u>Old Trading Post</u>	<u>Erkildes Park</u>	8097
<u>Farmington N Mex</u>	<u>al # 120 - Neir # 100</u>	8099
Date: <u>4-10-56</u>	<u>Da. Bob - Hester - al</u>	8099
<u>Bisti Store</u>	<u>Neir al # 100</u>	
<u>Farmington N Mex</u>	<u>Ye has Park</u>	
Date: <u>4-10-56</u>	<u>Fannie Francisco</u>	8099

State of New Mexico

County of McKinley

ss.

Before me, a Notary Public, on this

1 day of Feb, 1956

personally appeared

Heirs of Na-ti-ya-hole-wood or Betah-not-sosa Al.#046447, C#10008,
Heir of Allot 94, 95 and 96.

Probate F 275-51 J.L.R.

Contract # I-149-Ind-8098

Heirs:

Kath-nip-bah
Tom Tsosie

E-kid-de-pah or Mrs. Fred Willy, Al.#99, Heir of Al.#94, 95 and 96

Fred Willie or Fred Willy

Contract I-149-Ind-8098

Contract I-149-Ind-8100

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

Howard Wilson

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

11

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

White Horse Lake

* Kath Ripark

Her Mark

8098

Crown Point NM

* Tom Isaac



Mark

Date: 2-1-56

White Horse Lake

Fred Willie

8098

8100

Crownpoint NM

E Kid-de-Pak
acut 199

Her



Mark

Date: 2-1-56

State of New Mexico }
County of McKinley } ss.

Before me, a Notary Public, on this _____ day of _____, 195____
personally appeared

Fred Alfred, Heir of Al.#100
Contract #I-119-Ind-0099

to me known to be the identical person(s) who executed the within foregoing lease, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

[Handwritten Signature]

My Commission expires ~~My Commission~~ expires September 1, 1958

RATIFICATION AND JOINDER OF UNIT AGREEMENT

17

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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ADDRESS

SIGNATURE

J. Mutton

Fred Alfred

Miner

Date: 3-8-56

Date: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Page 36

ADDRESS

SIGNATURE

Window Rock, Arizona

THE NAVAJO TRIBE OF INDIANS

By: *Scott Preston*

Date: March 30, 1956

Acting Chairman, Navajo Tribal Council

Date: _____

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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.

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Trs 37, 38, 40, 44

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>504 South Main, Aztec, N. M.</u>	<u><i>Al Greer</i></u>
<u>" " " " "</u>	<u><i>Jay Greer</i></u>
Date: <u>1-30-56</u>	
<u>P.O. Box 1107</u>	<u><i>Gust Kreuss</i></u>
<u>Cortador Springs 400</u>	<u><i>Katherine Kreuss</i></u>
Date: <u>2-1-56</u>	

STATE OF)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF COLORADO)
COUNTY OF EL PASO) SS.:

On this 1st day of February, 1954, before me appeared

George W. Krause and Kathryn T. Krause
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:
My Commission expires Nov. 15, 1959

Mary Kullback
Notary Public in and for El
Paso County,
State of Colorado

STATE OF)
COUNTY OF) SS.:

On this 30th day of January, 1956, before me personally

appeared Al Greer and Fay Greer, his wife, ~~a single person~~, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me that they he executed the same as their free act and deed.

My Commission expires:

My Commission expires May 29, 1956

W. Spaitz
Notary Public in and for San
Juan County,
State of New Mexico

1

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Page 40

ADDRESS

SIGNATURE



John W. ...

Wayne ...

Iris Atchison

Date: _____

Date: _____

STATE OF _____)
COUNTY OF _____) SS.:

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

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF *N. Mex*)
COUNTY OF *San Juan*) SS.:

On this 8 day of May, 1956, before me appeared

Ray L. Atchison and Fris Atchison
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

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

STATE OF _____)
COUNTY OF _____) SS.:

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

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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P. 40

ADDRESS

SIGNATURE

1610 Park Avenue, S.W.
Albuquerque, New Mexico

Richard E. Kramm

Date: March 30, 1956

1610 Park Avenue, S.W.
Albuquerque, New Mexico

Pauline M. Kramm

Date: March 30, 1956

STATE OF)
)
COUNTY OF) SS.:

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 30 day of March, 1956, before me appeared

RICHARD M. KRANNAWITTER and PAULINE M. KRANNAWITTER,
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:

10/22/58

Adad S.
Notary Public in and for
Bernalillo
State of New Mexico



STATE OF)
)
COUNTY OF) SS.:

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the South Chaco Unit Area located within the County of San Juan, 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. 4

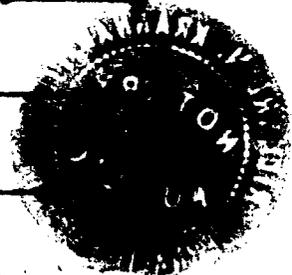
ADDRESS

SIGNATURE

Albuquerque N.M.
900 Truman St.

James A. Tadlock

Date: March 30th 1956



Albuquerque N. Mex.
900 Truman St.

Mary B. Tadlock

Date: March 30 1956

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Tn. 40

ADDRESS

SIGNATURE

213 Cedar St. N. E.

Gilbert Archuleta

Albuquerque, New Mexico

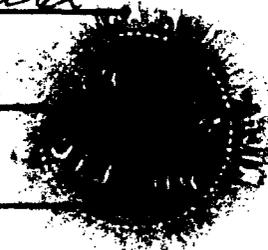
Date: March 30, 1956

213 Cedar N. E.

Marcel M. Archuleta

Albuquerque, N. M.

Date: 3-30-56



STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

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

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

On this 30 day of March, 1956, before me appeared

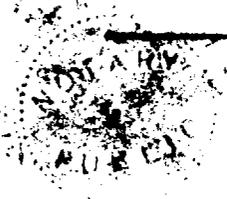
GILBERT ARCHULETA and NORAH M. ARCHULETA,
his wife, to me known to be the persons described in and who executed the
foregoing instrument, and acknowledged to me they executed the same as their
free act and deed.

My Commission expires:

2/23/58

Richard M. [Signature]

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



STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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Trs. 40, 44

ADDRESS

SIGNATURE

1012 N. DUSTIN

Harold Matzinger

FARMINGTON, N.M.

Date: 5-2-56

Date: _____



STATE OF)
) SS.:
COUNTY OF)

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

_____, to me personally known, who, being by me
duly sworn, did say that he is the _____ President of _____
_____ and that the seal affixed to said instrument
is the corporate seal of said corporation, and that said instrument was signed
and sealed in behalf of said corporation by authority of its board of directors,
and said _____ acknowledged said instrument to be
the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF)
) SS.:
COUNTY OF)

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

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

My Commission expires:

Notary Public in and for _____
County,
State of _____

STATE OF *New Mexico*)
) SS.:
COUNTY OF *San Juan*)

On this 3 day of MAY, 1956, before me personally

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

My Commission expires:

16, 1957



E. J. Helms

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

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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ADDRESS

SIGNATURE

218 W. Main
Farmington, N.M.
Date: 5-24-56

[Signature]

218 W. Main
Farmington, N.M.
Date: 5-24-56

Edith R. Foster

STATE OF

COUNTY OF

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

_____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

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

My Commission expires:

Notary Public in and for _____ County,
State of _____

STATE OF New Mexico)
COUNTY OF San Juan) SS.:

On this 24th day of May, 1956, before me appeared

George Foster and Edith R. Foster 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:

June 10, 1959



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



STATE OF)
COUNTY OF) SS.:

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

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

My Commission expires:

Notary Public in and for _____ County,
State of _____