

NORTH ALAMITO UNIT

Ratification and Joinder to
Unit Agreement
And
Unit Operating Agreement

(Non-Operator Working Interest Owners)
November 22, 2016

Joinders are attached for the following (5 originals)

Moon Royalty, LLC
ConocoPhillips Company
Riva Oil & Gas, LLC

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

This Ratification and Joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 22nd day of Nov., 2016.

Name: RIVA OIL & GAS, LLC
(Print name of company or individual)

By: James B. Fullerton, MGR

Address 621 17th Street, Suite 1040
Denver, CO 80293

CORPORATE ACKNOWLEDGEMENT

STATE OF Colorado)
) ss.
COUNTY OF Denver)

The foregoing instrument was acknowledged before me by James B. Fullerton as Manager
of Riva Oil & Gas, LLC, this 22nd day of November, 2016.

WITNESS my hand and official seal.

My Commission Expires:



Melissa M Chavez
Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,

this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 9th day of November, 2016.

Name: CONOCOPHILLIPS COMPANY
(Please print Company, Trust or Individual name)

By: TERRY RUBY, ATTORNEY-IN-FACT

Address: 3401 E. 30TH STREET
FARMINGTON, NM 87401

Tract(s): All

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)



The foregoing instrument was acknowledged before me by TERRY RUBY
as ATTORNEY-IN-FACT of CONOCOPHILLIPS COMPANY this 9th
day of November, 2016.

WITNESS my hand and official seal.

My commission expires:

3/26/16

Lynn Ann Davis
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

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This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 17th day of November, 2016, Moon Royalty L.L.C.

Name: [Signature]
(Please print Company, Trust or Individual name)
(C.S. Collier, Manager)

Tax # 73-1482254
By: [Signature] Phone: 405-236-2700

Tract(s): All

Fax: 405-236-2710
Address: E-mail: ccollier@moonroyalty.biz

MOON ROYALTY L.L.C.
P.O. BOX 72 00 70
OKLAHOMA CITY, OK 73172-0070

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Oklahoma)
) ss.
COUNTY OF Oklahoma)

The foregoing instrument was acknowledged before me by C.S. Collier
this 17th day of November, 2016.

WITNESS my hand and official seal.

My commission expires:

07/07/2018

[Signature]



CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
as _____ of _____ this _____
day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

NORTH ALAMITO UNIT

Ratification and Joinder to Unit Agreement And Unit Operating Agreement

(Non-Operator Working Interest Owners)
October 24, 2016

Joinders are attached for the following (5 originals)

- ↳ Dugan Production Corp.
- ↳ WPX Energy Production, LLC
- ↳ Hanson-McBride Petroleum Co., LLC
- ↳ JMJ Land & Minerals Company
- ↳ iMinerals, LLC
- ↳ Cat Springs Properties, LLC

Joinders forthcoming to be submitted (pending)

The Prospective Investment & Trading Co., Ltd.*
Andrea Singer Pollack 1975 Trust
Andrea Singer Pollack Revocable Trust*
Queenstown Oil & Gas, Inc.*
White Tiger Limited Partnership*
Stanley H. Singer Revocable Trust
ConocoPhillips Co.
Gary-Williams Co.
Riva Oil & Gas, Inc.

Joinders not received from Record Title (uncertain)

Moon Royalty, LLC
Las Colinas Minerals LP
Maclondon Energy LP
MHT Properties Ltd.

*Scanned copies attached

RATIFICATION AND JOINDER OF UNIT AGREEMENT

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This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 26 day of SEP, 2016.

Name: BRIAN C REID KATHERINE A REID
(Please print Company, Trust or Individual name)

By: [Signature] Katherine A. Reid

Tract(s): All

Address: 2502 CAMARIE
MIDLAND TX 79705

INDIVIDUAL ACKNOWLEDGMENT

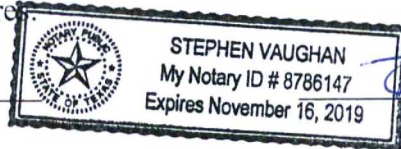
STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledgment before me by BRIAN REID
KATHERINE REID this 26 day of SEP, 2016

WITNESS my hand and official seal.

My commission expires

11-16-19



[Signature] Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
as _____ of _____ this _____
day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 1st day of October, 2016.

Name: Car Spring Properties LLC
(Print name of company or individual)

By: Cheryl L. Mellenthin, President

Address PO Box 450
Sealy TX 77474

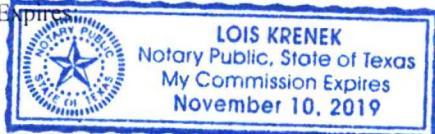
CORPORATE ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Austin)

The foregoing instrument was acknowledged before me by Cheryl L. Mellenthin, as President
of Car Spring Properties LLC, this 1st day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:



Lois Krenek
Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 20th day of October, 2016.

Name: iMinerals, LLC

(Print name of company or individual)

By: 

Chad M. Isaacs, Manager

Address 5 Inverness Drive E

Englewood, CO 80112

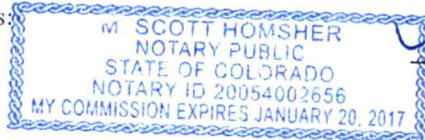
CORPORATE ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss.
COUNTY OF ARAPAHOE)

The foregoing instrument was acknowledged before me by Chad M. Isaacs, as Manager
of iMinerals, LLC, this 20th day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:




Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 28 day of Sept, 2016.

Name: HANSON-MCBRIDE PETROLEUM CO., LLC
(Print name of company or individual)

By: Ray Willis

Address PO Box 1515
Roswell, NM 88202-1515

CORPORATE ACKNOWLEDGEMENT

STATE OF New Mexico)
) ss.
COUNTY OF Chaves)

The foregoing instrument was acknowledged before me by Ray Willis, as Managing Member
of HANSON-MCBRIDE PETROLEUM CO., LLC, this 28 day of Sept, 2016.

WITNESS my hand and official seal.

My Commission Expires:
February 17, 2020

Sharon R. Ramirez
Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT


In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit**, Counties of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 28 day of July, 2016.

Name: JMJ LAND AND MINERALS COMPANY
(Print Name of Company, Trust or Individual)

By: 
JAMES R. STRICKLER
PRESIDENT

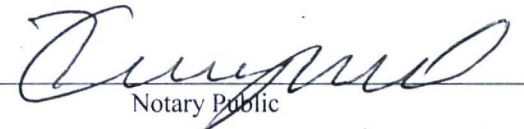
Address 2204 N. SANDRAGO AVE
FARMINGTON, NM
87401

CORPORATE ACKNOWLEDGEMENT

STATE OF New Mexico
COUNTY OF San Juan ss.

The foregoing instrument was acknowledged before me by James R Strickler, as President
of JMJ Land and Minerals Company, this 28 day of July, 2016
WITNESS my hand and official seal.

My Commission Expires: 08-15-2017



Notary Public

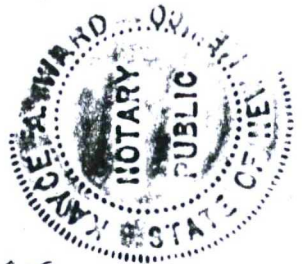
INDIVIDUAL ACKNOWLEDGEMENT

STATE OF New Mexico
COUNTY OF San Juan ss.

The foregoing instrument was acknowledged before me by James R Strickler,
this 28 day of July, 2016.
WITNESS my hand and official seal.

My Commission Expires: 08-15-2017


Notary Public



RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 9th day of September, 2016.

Name: Dugan Production Corp.
(Print name of company or individual)
By: Kurt Fagrelis
Address PO Box 420
Farmington, NM 87499

CORPORATE ACKNOWLEDGEMENT

STATE OF New Mexico)
) ss.
COUNTY OF San Juan)

The foregoing instrument was acknowledged before me by Kurt Fagrelis, as Vice President of Dugan Production Corp., this 9th day of September, 2016.

WITNESS my hand and official seal.

My Commission Expires:



Connie L. Raczek
Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 15th day of August, 2016.

WPX ENERGY PRODUCTION, LLC.

By:

Jerry D. Barnes, Vice President

Address 3500 One Williams Center, Suite 2500

Tulsa, Oklahoma 74172



BW
TEB

CORPORATE ACKNOWLEDGEMENT

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

The foregoing instrument was acknowledged before me by August as Vice-President of WPX Energy Production LLC, this 15th day of August, 2016.

WITNESS my hand and official seal.

My Commission Expires: 11-06-2016

Susan C. Strickland

Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

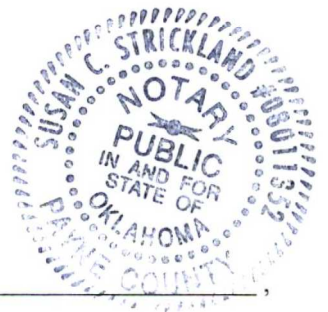
STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public



NORTH ALAMITO UNIT

Ratification and Joinder to
Unit Agreement

(Overriding Royalty Interest Owners)
November 2, 2016

Joinders are attached for the following (5 originals)
Coleman Oil & Gas Inc.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 27th day of OCTOBER, 2016.

Name: 

(Please print Company, Trust or Individual name)
COLEMAN OIL AND GAS, INC.

By: G. Chris Coleman

Tract(s): All

Post Office Box 3337

Address: Farmington, New Mexico 87499

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me by G. Chris Coleman
as President of Coleman Oil and Gas, Inc. this 27th
day of October, 2016.

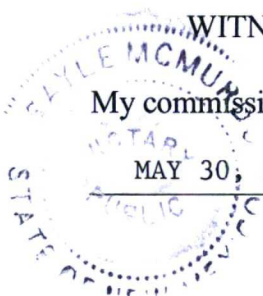
WITNESS my hand and official seal.

My commission expires:

MAY 30, 2017


Gayle McMurdo

Notary Public



NORTH ALAMITO UNIT

Ratification and Joinder to
Unit Agreement
And
Unit Operating Agreement

(Non-Operator Working Interest Owners)
November 2, 2016

Joinders are attached for the following (5 originals)

Tract 4 NMNM 008899

The Prospective Investment & Trading Co., Ltd.

Andrea Singer Pollack 1975 Trust

Andrea Singer Pollack Revocable Trust

Queenstown Oil & Gas, Inc.

White Tiger Limited Partnership

Stanley H. Singer Revocable Trust

Tract 10 (NMNM 036943)

Gary Production Company (fka Gary Williams Production)

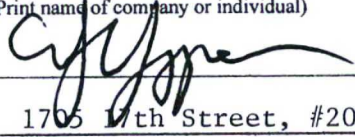
RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 26TH day of OCT., 2016.

Gary Production Company, f/k/a
Name: Gary-Williams Production Company
(Print name of company or individual)
By:  President
Address 1705 17th Street, #200
Denver, CO 80202

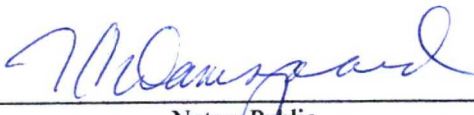
CORPORATE ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by D. J. Younggren, as President
of Gary Production Company, f/k/a, this 26TH day of OCT., 2016.
Gary-Williams Production Company

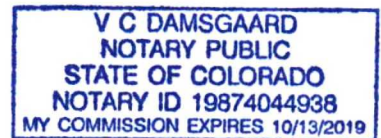
WITNESS my hand and official seal.

My Commission Expires: 10-13-19


Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)



The foregoing instrument was acknowledged before me by _____,
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 25th day of October, 2016.

Name: The Prospective Investment and Trading Company, Ltd.
(Print name of company or individual)

By: 

Address 6730 N Scottsdale Rd, Ste 270
Scottsdale, AZ 85253

CORPORATE ACKNOWLEDGEMENT

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

The foregoing instrument was acknowledged before me by Adam C. Singer, as President of The Prospective Investment and Trading Company, Ltd. this 25th day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:




Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____,

this _____ day of _____, 20____.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 25th day of October, 2016.

QUEENSTOWN OIL & GAS, INC.

By: _____

A. S. Pollack, President
P O Box 22854
Denver, CO 80222

CORPORATE ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

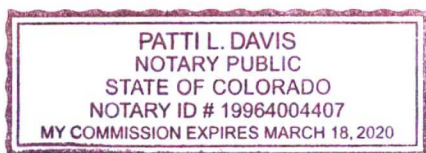
The foregoing instrument was acknowledged before me by A. S. Pollack, as President of Queenstown Oil & Gas, Inc., an Oklahoma corporation, this 25th day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:

March 18, 2020

Patti L. Davis, Notary Public
State of Colorado 19964004407



RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

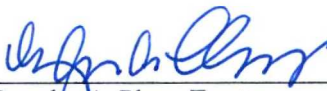
In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

This Ratification and Joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 28 day of October, 2016.

ANDREA SINGER POLLACK 1975 TRUST

By: 
Douglas A. Pluss, Trustee
c/o Aviva, Inc.
P O Box 22066
Denver, CO 80222

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____, as _____
of _____, this _____ day of _____, 2016.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

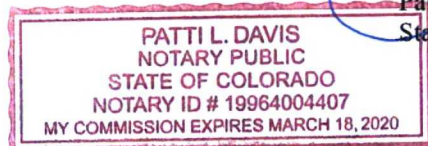
STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by Douglas A. Pluss, as Trustee of the Andrea Singer Pollack 1975 Trust, this 28 day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:

March 18, 2020




Patti L. Davis, Notary Public
State of Colorado 19964004407

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

This Ratification and Joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 25th day of October, 2016.

ANDREA SINGER POLLACK REVOCABLE TRUST

By: _____

A. S. Pollack, Trustee
P O Box 22066
Denver, CO 80222

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____, as _____
of _____, this _____ day of _____, 2016.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

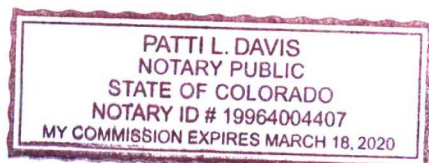
The foregoing instrument was acknowledged before me by A. S. Pollack, as Trustee of the Andrea Singer Pollack Revocable Trust, this 25th day of October, 2016.

WITNESS my hand and official seal.

My Commission Expires:

March 18, 2020

Patti L. Davis, Notary Public
State of Colorado 19964004407



RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

This Ratification and Joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 25th day of October, 2016.

WHITE TIGER LIMITED PARTNERSHIP

By: _____

A. S. Pollack
A. S. Pollack, President
Queenstown Oil & Gas, Inc., General Partner
P O Box 22066
Denver, CO 80222

CORPORATE ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by A. S. Pollack, as President of Queenstown Oil & Gas, Inc., the General Partner of White Tiger Limited Partnership, a Colorado limited partnership, this 25th day of October, 2016.

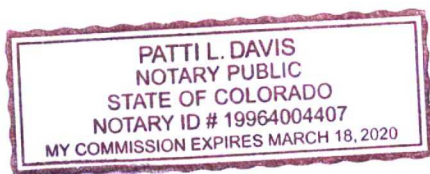
WITNESS my hand and official seal.

My Commission Expires:

March 18, 2020

Patti L. Davis

Patti L. Davis, Notary Public
State of Colorado 19964004407



RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the **North Alamito Unit Area**, County of San Juan and Sandoval, State of New Mexico, dated **December 1, 2012**, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original instrument.

This Ratification and Joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 26 day of October, 2016.

Name: _____

(Print name of company or individual)

By: _____

Address _____

Stanley H Singer
7331 Sarimento Place
Delray Beach, FL 33446

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____, as _____ of _____, this _____ day of _____, 2016.

WITNESS my hand and official seal.

My Commission Expires: _____

Notary Public

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF Florida)
) ss.
COUNTY OF Palm Beach)

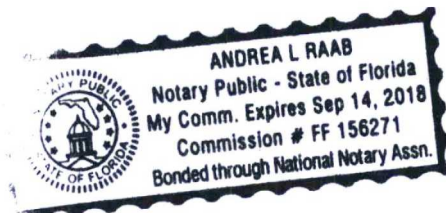
The foregoing instrument was acknowledged before me by Stanley H Singer,
this 26 day of October 2016

WITNESS my hand and official seal.

My Commission Expires: _____

Andrea L Raab
Notary Public

9-14-2018



NORTH ALAMITO UNIT

Ratification and Joinder to Unit Agreement (Royalty Interest Owners) October 24, 2016

The following Royalty Interests were joined by virtue of "Pooling and Unitization" clauses contained in base leases:

James P. Coan Lease

13. Lessee, at its option, is given the and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the land and as to any one or more of the formation, to pool or unitize the leasehold estate and the mineral estate covered by this Lease with other land, lease, or leases in the immediate vicinity such pooling shall be into units not exceeding the minimum size tract on which a well may be drill under laws, rules, or regulations in force at the time of such pooling or unitization for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to the other land, lease or leases. Likewise, units previously formed to include formations not producing oil or gas, may be reformed to exclude non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record in the county where the lands are located a declaration of unitization or reformation, which declaration shall describe the unit. Any unit may include land on which a well has been completed or on which operations for drilling have been or will be commenced. Production, drilling, or reworking operations or a well shut-in for want of market anywhere on a unit which includes all or a part of this Lease shall be treated as if it were production, drilling, or reworking operations or a well shut-in for want of a market under this Lease. In lieu of the royalties specified, including shut-in gas royalties, Lessor shall receive on production from the pooled unit royalties only on the portion of production allocated to this Lease: the allocation shall be that proportion of the unit production that the total number of surface acres covered by this Lease and included in the unit bears to the total number of surface acres in the unit.

Henry A. Miller Lease

12. Lessee, at its option, is hereby given the right and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the Premises and as to any one or more of the formations thereunder, to pool or unitize the leasehold estate and the mineral estate covered by this Lease with other land, lease or leases in the immediate vicinity for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to such other land, lease or leases. Likewise units previously formed to include formations not producing oil or gas, may be reformed to exclude such non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record a declaration of such unitization or reformation, which declaration shall describe the unit. Any unit may include land upon which a well has theretofore been completed or upon which operations for drilling have theretofore been commenced. Production, drilling, reworking or dewatering operations or a well shut in for want of a market anywhere on a unit which includes all or a part of this Lease shall be treated as if it were production, drilling, reworking or dewatering operations or a well shut in for want of a market under this Lease. In lieu of the royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive royalties on production from such unit only on the portion of such production allocated to this Lease: such allocation shall be that proportion of the unit production that the total number of surface acres covered by this Lease and included in the unit bears to the total number of surface acres in such unit. In addition to the foregoing, Lessee shall have the right to unitize, pool, or combine all or any part of the Premises as to one or more of the formations thereunder with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions and provisions of this Lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this Lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this Lease shall not terminate or expire during the life of such plan or agreement. In the event that the Premises or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby the production therefrom is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any cooperative or unit plan of development or operation adopted by Lessee and approved by any governmental authority executing the same upon request of Lessee.

The following Royalty Interests were joined by virtue of
Ratification and Joinder:

Merewether Oil, Gas and Mineral Trust Lease

Hazel I. Stearns Family

JMJ Land and Minerals Company Ratification

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, San Juan County, New Mexico, dated **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 28 day of JULY, 2016.

Name: JMJ VENTURES, LLC
(Company, Trust or Individual)

By: JAMES R. J. STARKYER
MAN AGENT MEMBER

Address: 2204 N. SANTIAGO AVE
FORN BRIDGE, NM
87401

Tract(s): All

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledgment before me by _____
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

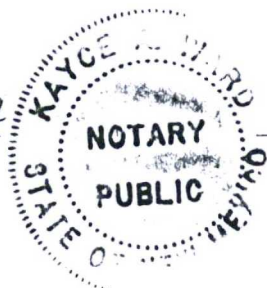
STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me by JAMES R. J. STARKYER
as MAN AGENT MEMBER of JMJ VENTURES, LLC this 28
day of JULY, 2016.

WITNESS my hand and official seal.

My commission expires:

08-15-2017 _____
Notary Public



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 4th day of October, 2016.

Name: R-J MILLER PARTNERSHIP
(Please print Company, Trust or Individual name)

By: Robert Dan Miller GENERAL PARTNER

Tract(s): All

Address: 2702 CRESTLINE
BIG SPRING TX 79720

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Howard)

The foregoing instrument was acknowledgment before me by Robert Dan Miller
this 4th day of October, 2016.

WITNESS my hand and official seal.

My commission expires:

05-24-2017  Debbie K. Jennings
Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
as _____ of _____ this _____
day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 6th day of October, 2016.

Name: Marvin Gross
(Please print Company, Trust or Individual name)

By: Marvin Gross

Tract(s): All

Address: P. O. Box 358
Roswell, NM 88203

INDIVIDUAL ACKNOWLEDGMENT

STATE OF New Mexico)
) ss.
COUNTY OF Chaves)

The foregoing instrument was acknowledged before me by Marvin Gross
this 6th day of October, 2016.

WITNESS my hand and official seal.

My commission expires:

4/19/18

Sharon Howell
Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
as _____ of _____ this _____
day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 13th day of September, 2012

Name: Featherstone Development Corporation
(Please print Company, Trust or Individual name)

By: _____

Tract(s): All

Address: PO Box 429
Roswell, NM 88202

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
this _____ day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF New Mexico)
) ss.
COUNTY OF Chaves)

The foregoing instrument was acknowledged before me by Olen Featherstone III
as President of Featherstone Development Corporation this 13th
day of September, 2012

WITNESS my hand and official seal.

My commission expires:

 OFFICIAL SEAL
TRACEY VAN WINKLE
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 11/8/19

Tracey Van Winkle
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 23 day of September, 2016.

Name: Henry A Alaniz
(Please print Company, Trust or Individual name)

By: Henry A Alaniz
Address: PO Box 13053
Albuquerque NM 87192

Tract(s): All

INDIVIDUAL ACKNOWLEDGMENT

STATE OF New Mexico)
) ss.
COUNTY OF Bernalillo)

The foregoing instrument was acknowledged before me by Henry A. Alaniz
this 23rd day of September, 2016.

WITNESS my hand and official seal.

My commission expires:

June 25, 2018

Alicia C. Lucillo
Notary Public

CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me by _____
as _____ of _____ this _____
day of _____, 20____.

WITNESS my hand and official seal.

My commission expires:

Notary Public

NORTH ALAMITO UNIT

Ratification and Joinder to Unit Agreement

(Overriding Royalty Interest Owners)
October 24, 2016

Joinders are attached for the following (5 originals)

Marvin Gross
R. J. Miller Partnership
Estate of George Fram
Featherstone Development Corporation
JMJ Ventures, LLC
Brian C. & Katherine Reid
Henry A. Alaniz
Coleman Oil & Gas Inc. (joinder forthcoming)

Joinders not received (may subsequently submit)

Black Stone Minerals Company, LP
ConocoPhillips Co.
Jack Harris
Kochergen Enterprises Family, LP
Lyle L. Payne, Jr.
Marvin Gross
Michael Lyle Payne
R. L. Kiggins
The Snow Family Trust 1991

The following interest owners declined to join

Abo Petroleum Corporation
Myco Industries, Inc.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the development and operation of the **North Alamito Unit**, Sandoval and San Juan Counties, New Mexico, dated effective **December 1, 2012** in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed this original Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, his, her, or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 5th day of October, 2016.

Name: Estate of George Fram
(Please print Company, Trust or Individual name)

By: Nancy Fram Personal Representative

Tract(s): All

Address: PO Box 563
Lawrence, N.M. 88202

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledgment before me by _____
this _____ day of _____, 20__.

WITNESS my hand and official seal.

My commission expires:

Notary Public

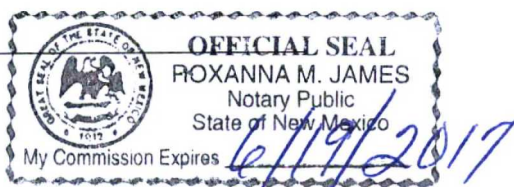
CORPORATE & TRUSTEE ACKNOWLEDGMENT

STATE OF New Mexico)
) ss.
COUNTY OF Chaves)

The foregoing instrument was acknowledged before me by Nancy Fram
as Personal Representative of the Estate of George Fram this 5th
day of October, 20 16.

WITNESS my hand and official seal.

My commission expires:



Roxanna M. James
Notary Public

**FIFTH JUDICIAL DISTRICT COURT
COUNTY OF CHAVES
STATE OF NEW MEXICO**

IN THE MATTER OF THE ESTATE

OF

NO. PB-08-24

GEORGE FRAM, Deceased.

LETTERS TESTAMENTARY

This Estate having been reopened by the Court, Nancy Fram is hereby appointed to serve as
Personal Representative of the Estate without bond.

DATED this 5th day of October, 2016.



COURT ADMINISTRATOR

By: Janet Bloomer
Deputy

STATE OF NEW MEXICO)
)ss
COUNTY OF CHAVES)

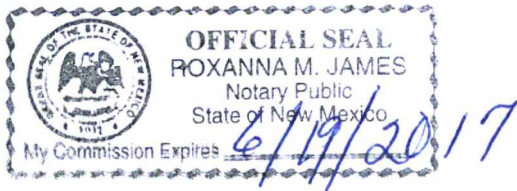
I hereby accept the duties of Personal Representative of the Estate of the above named decedent and do solemnly swear that I will perform, according to law, the duties of Personal Representative of the Estate.

Nancy Fram
Nancy Fram
Personal Representative

SUBSCRIBED AND SWORN TO before me this 5th day of October, 2016.

My commission expires:

Roxanna M James
Notary Public



NORTH ALAMITO UNIT

Ratification and Joinder to Unit Agreement (Royalty Interest Owners) October 24, 2016

The following Royalty Interests were joined by virtue of "Pooling and Unitization" clauses contained in base leases:

James P. Coan Lease

13. Lessee, at its option, is given the and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the land and as to any one or more of the formation, to pool or unitize the leasehold estate and the mineral estate covered by this Lease with other land, lease, or leases in the immediate vicinity such pooling shall be into units not exceeding the minimum size tract on which a well may be drilled under laws, rules, or regulations in force at the time of such pooling or unitization for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to the other land, lease or leases. Likewise, units previously formed to include formations not producing oil or gas, may be reformed to exclude non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record in the county where the lands are located a declaration of unitization or reformation, which declaration shall describe the unit. Any unit may include land on which a well has been completed or on which operations for drilling have been or will be commenced. Production, drilling, or reworking operations or a well shut-in for want of market anywhere on a unit which includes all or a part of this Lease shall be treated as if it were production, drilling, or reworking operations or a well shut-in for want of a market under this Lease. In lieu of the royalties specified, including shut-in gas royalties, Lessor shall receive on production from the pooled unit royalties only on the portion of production allocated to this Lease; the allocation shall be that proportion of the unit production that the total number of surface acres covered by this Lease and included in the unit bears to the total number of surface acres in the unit.

Henry A. Miller Lease

12. Lessee, at its option, is hereby given the right and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the Premises and as to any one or more of the formations thereunder, to pool or unitize the leasehold estate and the mineral estate covered by this Lease with other land, lease or leases in the immediate vicinity for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to such other land, lease or leases. Likewise units previously formed to include formations not producing oil or gas, may be reformed to exclude such non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record a declaration of such unitization or reformation, which declaration shall describe the unit. Any unit may include land upon which a well has theretofore been completed or upon which operations for drilling have theretofore been commenced. Production, drilling, reworking or dewatering operations or a well shut in for want of a market anywhere on a unit which includes all or a part of this Lease shall be treated as if it were production, drilling, reworking or dewatering operations or a well shut in for want of a market under this Lease. In lieu of the royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive royalties on production from such unit only on the portion of such production allocated to this Lease; such allocation shall be that proportion of the unit production that the total number of surface acres covered by this Lease and included in the unit bears to the total number of surface acres in such unit. In addition to the foregoing, Lessee shall have the right to unitize, pool, or combine all or any part of the Premises as to one or more of the formations thereunder with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions and provisions of this Lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this Lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this Lease shall not terminate or expire during the life of such plan or agreement. In the event that the Premises or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby the production therefrom is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any cooperative or unit plan of development or operation adopted by Lessee and approved by any governmental authority executing the same upon request of Lessee.

The following Royalty Interests were joined by virtue of
Ratification and Joinder:

Merewether Oil, Gas and Mineral Trust Lease

Hazel I. Stearns Family

JMJ Land and Minerals Company Ratification