

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 22 day of NOVEMBER, 1999.

OWNER: VICTOR J. SIRGO
BY: Victor J. Sirgo DATE: 11-22-99
NAME: VICTOR J. SIRGO TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 22nd day of November, 1999, by Victor J. Sirgo.

Michelle Nichole Vann
Notary Public

My commission expires:



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
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This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 29th day of November, 1999.

OWNER: Carlton Beal Family Trust fbo Carlton Beal, Jr.

BY: *Barry A. Beal* DATE: November 29, 1999

NAME: Barry A. Beal TITLE: Co-Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

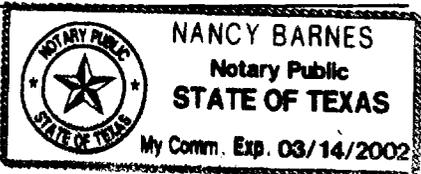
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Barry A. Beal, Co-Trustee of the Carlton Beal Family Trust fbo Carlton Beal, Jr.

Nancy Barnes
Notary Public

My commission expires:



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
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EXECUTED this 29th day of November, 1999.

OWNER: Carlton Beal Family Trust fbo Barry Beal

BY: *[Signature]* DATE: November 29, 1999

NAME: Spencer E. Beal TITLE: Co-Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

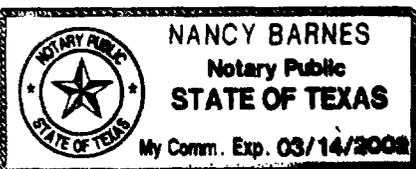
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Spencer E. Beal, Co-Trustee of the Carlton Beal Family Trust fbo Barry Beal.

Nancy Barnes
Notary Public

My commission expires:



Individual Royalty Joinder

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EXECUTED this 29th day of November, 1999.

OWNER: Carlton Beal Family Trust fbo Kelly Beal

BY: *Barry A. Beal* DATE: November 29, 1999

NAME: Barry A. Beal TITLE: Co-Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

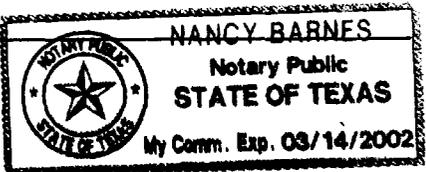
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Barry A. Beal, Co-Trustee of the Carlton Beal Family Trust fbo Kelly Beal.

Nancy Barnes
Notary Public

My commission expires:



Individual Royalty Joinder

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

EXECUTED this 29th day of November, 1999.

OWNER: Carlton Beal Family Trust fbo Spencer Beal

BY: *Barry A. Beal* DATE: November 29, 1999

NAME: Barry A. Beal TITLE: Co-Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

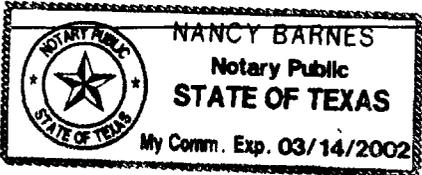
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Barry A. Beal, Co-Trustee of the Carlton Beal Family Trust fbo Spencer Beal.

Nancy Barnes
Notary Public

My commission expires:



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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EXECUTED this 29th day of November, 1999.

OWNER: Carlton Beal Family Trust fbo Karlene Beal Garber

BY: *Barry A. Beal* DATE: November 29, 1999

NAME: Barry A. Beal TITLE: Co-Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

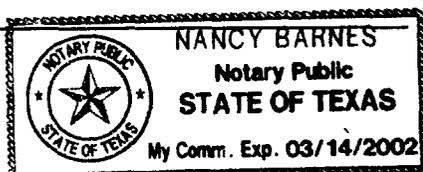
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Barry A. Beal, Co-Trustee of the Carlton Beal Family Trust fbo Karlene Beal Garber.

Nancy Barnes
Notary Public

My commission expires:



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 26th day of NOVEMBER 1999.

OWNER: _____

BY: [Signature] DATE: 11-26-99

NAME: THOMAS F. LUGARIC TITLE: —
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF New Jersey)
) ss.
COUNTY OF Essex)

The foregoing instrument was acknowledged before me this 26 day of NOV, 1999, by THOMAS F. LUGARIC.

[Signature]
Notary Public

My commission expires:

CHESTER A. KARNAS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 10, 2004

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 17 day of November, 1999.

OWNER: Vicky J. Moser

BY: _____ DATE: 11/17/99

NAME: Vicky J. Moser TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

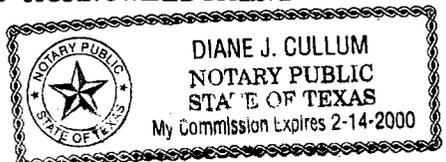
The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Hood)



The foregoing instrument was acknowledged before me this 17th day of November, 1999, by Vicky J. Moser.

Diane J. Cullum
Notary Public

My commission expires:

2-14-2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
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This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 22nd day of November, 1999.

OWNER: 

BY: _____ DATE: November 22, 1999

NAME: Max W. Coll, II TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 22nd day of November, 1999, by Max W. Coll, II.


Notary Public

My commission expires:

March 21, 2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

~~EXECUTED~~ this 21st day of November, 1999.

OWNER: [Signature]

BY: _____ DATE: November 21, 1999

NAME: Jon F. Coll TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 21st day of November, 1999, by Jon F. Coll.

[Signature]
Notary Public

My commission expires:

March 21, 2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 22nd day of November, 1999.

OWNER: James N. Coll

BY: _____ DATE: November 22, 1999

NAME: James N. Coll TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 22nd day of November, 1999, by James N. Coll.

Kay A. Gu
Notary Public

My commission expires:

March 21, 2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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EXECUTED this 22nd day of November, 1999.

OWNER: *Charles H. Coll*

BY: _____ DATE: November 22, 1999

NAME: Charles H. Coll TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 22nd day of November, 1999, by Charles H. Coll.

Kay L. Orr
Notary Public

My commission expires:

March 21, 2000

Individual Royalty Joinder

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FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29th day of November, 1999.

ATTEST:

MARSHALL & WINSTON, INC.

By: Charles G. Rice
Charles G. Rice
Asst. Secretary-Treasurer

By: William S. Marshall
William S. Marshall
President

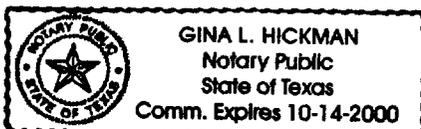
Date: 11/29/99

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 29th day of November, 1999, by WILLIAM S. MARSHALL, President of MARSHALL & WINSTON, INC., a Nevada corporation, on behalf of said corporation.

Gina L. Hickman
Notary Public, State of Texas



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
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This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 29th day of November, 1999.

OWNER: LELAND PRICE INC
BY: Howard Price DATE: November 29, 1999
NAME: HOWARD PRICE TITLE: SECRETARY
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Howard Price.

Michael W. Anderson
Notary Public

My commission expires:

February 4, 2002

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29 day of Nov, 1999.

OWNER: Boling Enterprises
BY: Robert Michael Boling DATE: 11/29/99
NAME: Robert Michael Boling TITLE: Member
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF New Mexico)
COUNTY OF Chaves) ss.

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Robert Michael Boling.

Patricia J. Sumner
Notary Public

My commission expires:

12/24/99

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
COUNTY OF) ss.

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 23rd day of November, 1999.

OWNER: [Signature]

BY: _____ DATE: 11-23-99

NAME: Jack Huff TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

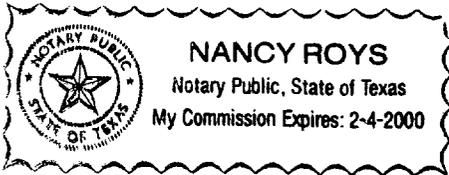
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 23rd day of November, 1999, by Jack Huff.



[Signature]
Notary Public

My commission expires:
2-4-2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 29 day of November, 1999.

OWNER: JAMES L EVANS TAX ID 525 46 2060

BY: *James L Evans* DATE: 11/29/1999

NAME: JAMES L EVANS TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

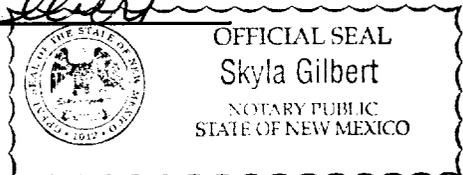
My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

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

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by James L. Evans.

Skyla Gilbert
Notary Public



My commission expires:
October 27 2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29th day of November, 1999.

OWNER: James R. Evarts, Jr.
BY: _____ DATE: _____

NAME: James R. Evarts, Jr. TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by James R. Evarts, Jr.

Linda Bergstrom
Notary Public

My commission expires:
3-1-2001

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29th day of November, 1999.

OWNER: Ralph Nix, a partnership
BY: *Ralph Nix, Jr.* DATE: 11/29/99
NAME: Ralph Nix, Jr. TITLE: Managing Partner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

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

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Ralph Nix, Jr., Managing Partner of Ralph Nix, a partnership.

Rebecca L. Wilhousen
Notary Public

My commission expires:
1/25/2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29 day of November 1999.

OWNER: Wilma Joan A Sindorf

BY: _____ DATE: 11-29-99

NAME: WILMA JOAN A SINDORF TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

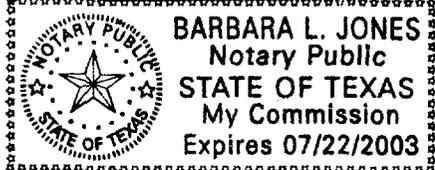
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this 24th day of November 1999, by Wilma Sindorf.



Barbara L. Jones
Notary Public

My commission expires:
7/22/03

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this ____ day of _____, 1999.

Selma E. Andrews Trust U/A For Peggy Barrett Trust #518801 Bank of America,N.A., as Trustee

Selma E. Andrews Perpetual Charitable Trust U/A #518802 Bank of America,N.A., as Trustee

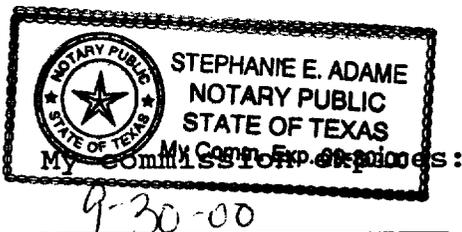
By: [Signature] Teresa Grafton, Vice President Tax ID# 75-6327535

By: [Signature] Teresa Grafton, Vice President Tax ID# 75-6327536

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)) ss. COUNTY OF Dallas)

The foregoing instrument was acknowledged before me this 22nd day of November, 1999, by Teresa Grafton, Vice President.



[Signature] Stephanie E. Adame Notary Public

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)) ss. COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires: _____

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 19th day of November, 1999.

OWNER: _____
BY: Paul Slayton DATE: 11.19.99
NAME: Paul Slayton TITLE: Owner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

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

The foregoing instrument was acknowledged before me this 19th day of November, 1999, by Paul Slayton.

Ruby Wickersham
Notary Public

My commission expires:
11-27-2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 23 day of NOV, 1999.

OWNER: PEGGY S. RUNYAN
BY: Peggy S. Runyan DATE: 11-23-99
NAME: PEGGY S. RUNYAN TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this 23 day of NOV, 1999, by PEGGY RUNYAN.

Christophe S. Reed
Notary Public

My commission expires:
7-18-2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29th day of Jan., 1999.

OWNER: Rhobe Welch
BY: Owner DATE: 11/29/99
NAME: Rhobe Welch TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

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

The foregoing instrument was acknowledged before me this 29 day of November, 1999, by Rhobe Welch.

[Signature]

Notary Public

My commission expires:
November 27, 2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29TH day of NOVEMBER, 1999.

OWNER: JAMES I. WOOD
BY: James I. Wood DATE: NOVEMBER 29, 1999
NAME: JAMES I. WOOD TITLE: OWNER
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

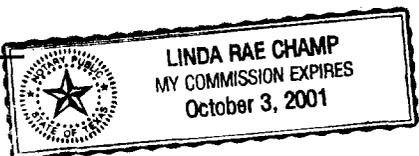
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF WALKER)

The foregoing instrument was acknowledged before me this 29TH day of NOVEMBER, 1999, by JAMES I. WOOD.

Linda Rae Champ
Notary Public

My commission expires:
10/3/2001



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29th day of November, 1999.

OWNER: *Mae Plasch*

BY: _____ DATE: November 29, 1999

NAME: Mae Chang Plasch TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

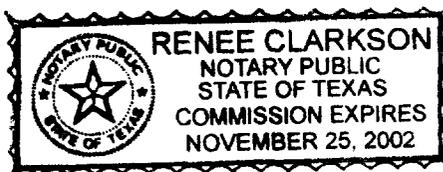
STATE OF Texas)
) ss.
COUNTY OF Dallas)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Mae Chang Plasch.

Renee Clarkson
Notary Public

My commission expires:

11-25-02



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 30th day of November, 1999.

OWNER: Jack Halbert
BY: *Jack Halbert* DATE: November 30, 1999
NAME: Jack Halbert TITLE: Owner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

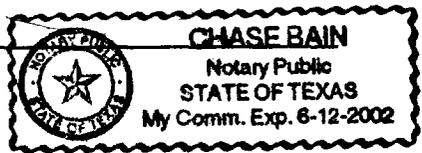
INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF SMITH)

The foregoing instrument was acknowledged before me this 30th day of November, 1999, by Jack Halbert.

Chase Bain
Notary Public

My commission expires:



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29 day of November 1999.

OWNER: Donna M. Flugstad

BY: _____ DATE: 11-29-99

NAME: Donna M. Flugstad TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

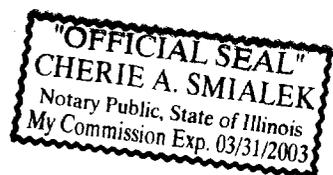
STATE OF Illinois)
) ss.
COUNTY OF Kane)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Donna M. Flugstad.

Cherie A. Smialek
Notary Public

My commission expires:

03-31-2003



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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EXECUTED this 29 day of November, 1999.

OWNER: F2 Oil Properties, Ltd.

BY: Alva N. Etz DATE: 11-29-1999

NAME: ALVA N. ETZ TITLE: General Partner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Ariz)
) ss.
COUNTY OF Gila)

The foregoing instrument was acknowledged before me this 29 day of Nov, 1999, by Alva N. Etz.



Linda Hamman
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29th day of November, 1999.

OWNER: HAL C. PORTER
BY: [Signature] DATE: 29 November 1999
NAME: Hal C. Porter TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Hal C. Porter.

Notary Public

My commission expires:

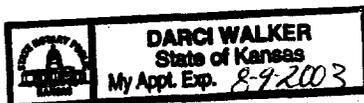
INDIVIDUAL ACKNOWLEDGMENT

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Hal C. Porter.

[Signature]
Notary Public

My commission expires:
8-9-2003



Assignment of Overriding Royalty

County of Eddy

State of New Mexico

KNOW ALL MEN BY THESE PRESENTS;

WHEREAS, Hal C. Porter owns an overriding royalty in the amount of 0.1728% of all production in and to a valid and subsisting Oil and Gas Lease in and under certain lands in Eddy County, New Mexico, as follows, to-wit:

Township 16 South, Range 31 East, NMPM
Section 31: NE/4SW/4, containing 40 acres, more or less, and;

WHEREAS, Hal C. Porter owns an overriding royalty in the amount of 0.1875% of all production in and to a valid and subsisting Oil and Gas lease in and under certain lands in Eddy County, New Mexico, as follows, to-wit:

Township 16 South, Range 30 East, NMPM
Section 30: N/2NE/4, containing 80 acres, more or less

NOW THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, Hal C. Porter, hereinafter called "Assignors", does hereby grant, assign, sell, transfer, convey and set over unto the following Assignee, its successors, or assigns, all right, title and interest, in and to the aforesaid overriding royalty interest insofar as they cover the lands described above.

Assignee
The Harold C. Porter and Bobbie D. Porter Revocable
Living Trust dated November 23, 1999
10004 West 20th Street West
Wichita KS 67212

The interest in said Lease assigned herein shall be subject to all terms and conditions of the Leases described herein. Said assigned Overriding Royalty Interest is free and clear of any and all expenses of any nature whatsoever, except State and Federal taxes, during the term of the present valid subsisting oil and gas leases and extensions thereof.

This Assignment is made, executed and delivered without warranty of any kind and no warranty shall be implied.

Dated this 29th day of November, 1999.

[Signature]
Hal C. Porter

STATE OF KANSAS)
) ss:
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me, a Notary Public, by Hal C. Porter and Bobbie Porter this 29th day of November, 1999.

[Signature]
Notary Public



Appointment

HAL PORTER
IMPERIAL AMERICAN OIL CORP
10004 W 20th St North
Wichita KS 67212



FILED DEC 3 1999 FOR RECORD
at 8:49 o'clock A.M. and was duly
recorded in BOOK 367 PAGE 1116
of the Records of Eddy County
Judy Schreyer, County Clerk
[Signature] Deputy

RECEPTION
9912804

NM

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 30 day of NOVEMBER, 1999.

OWNER: Betty L. Morgan
BY: self DATE: 30 Nov '99
NAME: Betty L. Morgan TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

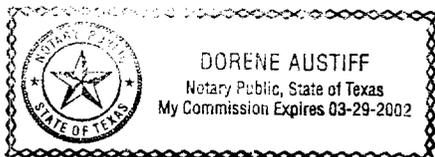
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF BEJAR)

The foregoing instrument was acknowledged before me this 30 day of NOVEMBER, 1999, by BETTY L. MORGAN.



Dorene Austiff
Notary Public

My commission expires:

03-29-2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29 day of NOV., 1999.

OWNER: [Signature]

BY: _____ DATE: _____

NAME: Mary Ballard TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

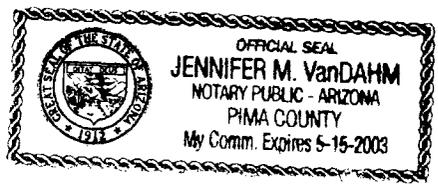
STATE OF AZ)
) ss.
COUNTY OF Pima)

The foregoing instrument was acknowledged before me this 29 day of NOV., 1999, by Bill R. Ballard.

[Signature]
Notary Public

My commission expires:

5-15-2003



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 30th day of November, 1999.

OWNER: _____
BY: Frank Darden DATE: 11/30/99
NAME: FRANK DARDEN TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT ✓

STATE OF Texas)
) ss.
COUNTY OF Tarrant)

The foregoing instrument was acknowledged before me this 30th day of November, 1999, by Frank Darden.

Melissa L. Brown
Notary Public

My commission expires:
April 29, 2003



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 29th day of November, 1999.

OWNER: *Guy B. Dyer, Jr.*

BY: _____ DATE: _____

NAME: Guy B. DYER, JR TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Colorado)
) ss.
COUNTY OF Montezuma

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by Guy B. Dyer, Jr.

Montezuma Jordan
Notary Public

My commission expires:

3/26/2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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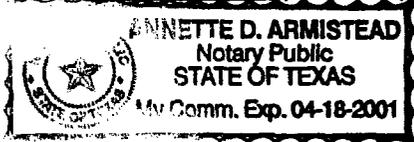
EXECUTED this 2ND day of DECEMBER, 1999.

OWNER: ETZ SOUTHERN TRUST
BY: George ETC DATE: 12-2-99
NAME: GEORGE ETC, JR TITLE: TRUSTEE
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF HIDALGO)

The foregoing instrument was acknowledged before me this 2 day of DEC, 1999, by George ETC.



Annette D Armistead
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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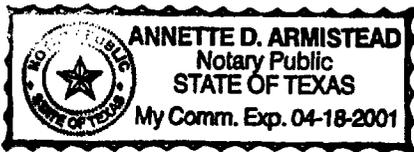
EXECUTED this 2ND day of December, 1999.

OWNER: GEORGE H. ETZ, TRUST
BY: George H. Etz DATE: Dec 2, 1999
NAME: GEORGE H. ETZ, JR TITLE: TRUSTEE
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF HIDALGO)

The foregoing instrument was acknowledged before me this 2 day of Dec, 1999, by George H. Etz.



Annette D. Armistead
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 3rd day of December, 1999.

OWNER: *R. L. Halvorsen*

BY: _____ DATE: 12/3/99

NAME: R. L. Halvorsen TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

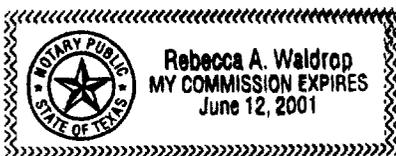
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 3rd day of December, 1999, by R. L. HALVORSEN.



Rebecca A. Waldrop
Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 1st day of December, 1999.

OWNER: D.L. Hayes Estate

BY: Verna Robbins Lloyd DATE: 12-1-99

NAME: Verna Robbins Lloyd TITLE: Grant PR
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

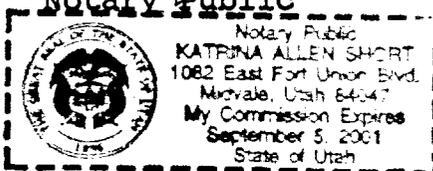
STATE OF Utah)
) ss.
COUNTY OF Salt Lake)

The foregoing instrument was acknowledged before me this 1st day of December, 1999, by Verna Robbins Lloyd.

Katrina Allen Short

Notary Public

My commission expires:
Sept. 5, 2001



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 30TH day of NOVEMBER, 1999.

OWNER: Bea Evarts Caywood McMillion

BY: _____ DATE: 11-30-99

NAME: Bea Evarts Caywood McMillion TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF KENTUCKY)
) ss.
COUNTY OF HOPKINS)

The foregoing instrument was acknowledged before me this 30TH day of NOVEMBER, 1999, by BEA EVARTS CAYWOOD MCMILLION.

Lori J. Wootton
Notary Public

My commission expires:

8-3-2003

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29 day of November, 1999.

OWNER: Brians.Schneider
BY: Brian S. Schneider DATE: 11-29-99
NAME: Brian S. Schneider TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF OHIO)
) ss.
COUNTY OF Cuyahoga)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by BRIAN S. SCHNEIDER.

Jane E. Zlataric
Notary Public

My commission expires:
4/2/02

JANE E. ZLATARIC
NOTARY PUBLIC, STATE OF OHIO
Recorded in Cuyahoga County
My Comm. Expires April 2, 2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 30 day of Nov, 1999.

OWNER: Florea Whittington

BY: " " DATE: 11-30-99

NAME: FLOREA WHITTINGTON TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

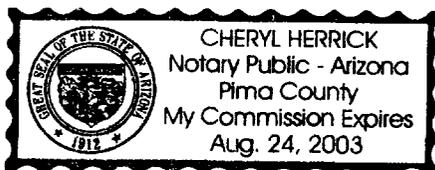
INDIVIDUAL ACKNOWLEDGMENT

STATE OF Arizona)
) ss.
COUNTY OF Pima)

The foregoing instrument was acknowledged before me this 30 day of November, 1999, by Florea Whittington.

Cheryl Herrick
Notary Public

My commission expires:
Aug 24, 2003



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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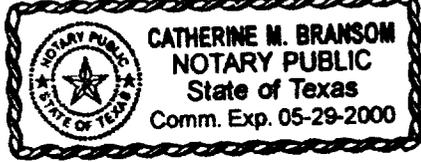
EXECUTED this 30th day of November, 1999.

OWNER: TIERRA OIL COMPANY
BY: WCB Barnhill DATE: 11/30/99
NAME: W. CHRIS BARNHILL TITLE: VICE PRESIDENT
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF BEXAR)

The foregoing instrument was acknowledged before me this 30th day of NOVEMBER, 1999, by W. CHRIS BARNHILL.



Cath M Bransom
Notary Public

My commission expires:
05-29-2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 1st day of December, 1999.

OWNER: The Fasken Foundation
BY: *B.L. Jones* DATE: December 1, 1999
NAME: B.L. Jones TITLE: Executive Director
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 1st day of December, 1999, by B.L. Jones, Executive Director of The Fasken Foundation

Rita Canton
Notary Public

My commission expires:
7-10-00



INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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EXECUTED this 30th day of November, 1999.

OWNER: [Signature]

BY: [Signature] DATE: 11-30-99

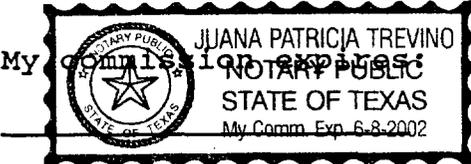
NAME: KRIST BRADLEY TITLE: VICEPRESIDENT
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF DALLAS)

The foregoing instrument was acknowledged before me this 30th day of November, 1999, by [Signature]

[Signature]
Notary Public



INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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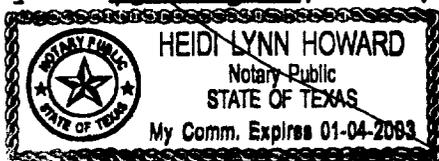
EXECUTED this 6 day of DEC, 1999.

OWNER: Lloyd McGhee
BY: [Signature] DATE: 12/6/99
NAME: Lloyd McGhee TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Tarrant) ss.

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Lloyd McGhee.



[Signature]
Notary Public

My commission expires:

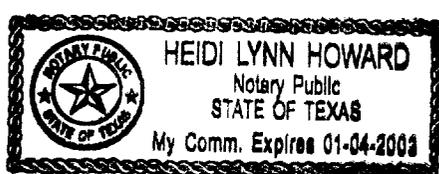
INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Tarrant) ss.

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Lloyd McGhee.

[Signature]
Notary Public

My commission expires:
01-04-2003



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED ~~this~~ ^{6th} day of Dec., 1999.

OWNER: [Signature]
BY: _____ DATE: 12/6/99
NAME: Wendell W. Iverson TITLE: owner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

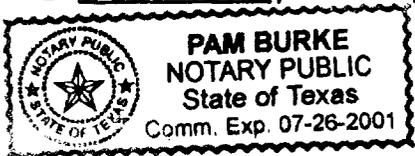
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
COUNTY OF MIDLAND) ss.

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Wendell W. Iverson.



Pam Burke
Notary Public

My commission expires:
07/26/2001

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 6th day of Dec., 1999.

OWNER: WMI 1990 Trust
BY: [Signature] DATE: 12/6/99
NAME: Wendell W. Emerson Trustee TITLE: Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

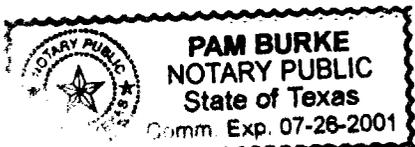
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Wendell W. Emerson Trustee



[Signature]
Notary Public

My commission expires:
07/26/2001

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 6th day of Dec., 1999.

OWNER: SJI, Jr. 1990 Trust

BY: [Signature] DATE: 12/6/99

NAME: Wendell W. Iverson, Trustee TITLE: Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

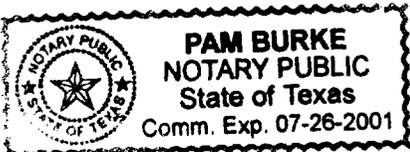
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Wendell W. Iverson, Trustee



[Signature]
Notary Public

My commission expires:

07/26/2001

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 12th day of Dec., 1999.

OWNER: PIP 1990 Trust
BY: [Signature] DATE: 12/1/99
NAME: Wendell W. Iverson, Trustee TITLE: Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

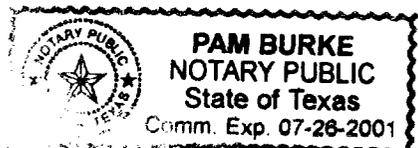
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Wendell W. Iverson, Trustee



[Signature]
Notary Public

My commission expires:
07/28/2001

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 9th day of December, 1999.

OWNER: S. J. Iverson, Jr.
BY: _____ DATE: 12/9/99
NAME: S. J. Iverson, Jr. TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

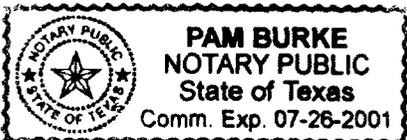
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF midland)

The foregoing instrument was acknowledged before me this 9th day of December, 1999, by S. J. Iverson Jr.



Pam Burke
Notary Public

My commission expires:
07/26/2001

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5907

State of California

County of San Diego

On December 10, 1999 before me, Sandra L Crosby Notary Public

DATE

NAME, TITLE OF OFFICER - E.G., JANE DOE, NOTARY PUBLIC

personally appeared Patsy Ann Iverson Page

NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Sandra L Crosby
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
- CORPORATE OFFICER

TITLE(S)

- PARTNER(S) LIMITED GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

Ratification And Joinder of Unit Agreement
TITLE OR TYPE OF DOCUMENT NOT SIGNATURE

1
NUMBER OF PAGES

12-10-99
DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

self

SIGNER(S) OTHER THAN NAMED ABOVE

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 10 day of Dec, 1999.

OWNER: Patsy Ann Iverson Page

BY: Patsy Ann Iverson Page DATE: 12-10-99

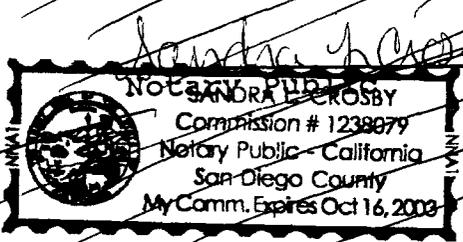
NAME: PATSY ANN IVERSON PAGE TITLE: NA
(PRINT/TYPE) (IF APPLICABLE)

~~CERTIFICATE OF~~ CORPORATION ACKNOWLEDGMENT

~~STATE OF California,
COUNTY OF San Diego } ss.~~

~~The foregoing instrument was acknowledged before me this 10 day of December, 1999, by Sandra Crosby, Notary Public.~~

~~My commission expires:
October 16, 2003~~



INDIVIDUAL ACKNOWLEDGMENT

~~STATE OF
COUNTY OF } ss.~~

~~The foregoing instrument was acknowledged before me this day of _____, 1999, by _____.~~

~~Notary Public~~

~~My commission expires:
_____~~

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 5th day of December, 1999.

OWNER: ESTATE OF CHARLES W. HICKS
BY: Margie H. Hicks DATE: December 5, 1999
NAME: MARGIE H. HICKS TITLE: PERSONAL REPRESENTATIVE
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this 5th day of December, 1999, by Margie H. Hicks, Personal Representative for the Estate of Charles W. Hicks

Diana P. Ramirez
Notary Public

My commission expires:

July 2, 2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 6th day of December, 1999.

OWNER: Dorothy Foster Revocable Trust / The First National Bank, Trustee

BY: *Susan Holmes* DATE: December 6, 1999

NAME: Susan K. Holmes, Sr. Vice Pres. TITLE: Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

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

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Susan K. Holmes, Sr Vice President, The First National Bank, Trustee for Dorothy Foster Revocable Trust.

Diane Taylor
Notary Public

My commission expires:
July 24, 2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 7 day of December, 1999.

OWNER: _____
BY: [Signature] DATE: 12-7-99
NAME: Lewis B. Burleson TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

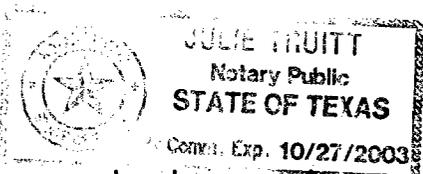
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TX)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 7 day of December, 1999, by Lewis B. Burleson.



[Signature]
Notary Public

My commission expires:

10-27-2003

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 8th day of December, 1999.

OWNER: [Signature] Giebel Petroleum LTD

BY: Giebel LLC, General Partner DATE: 12-8-99

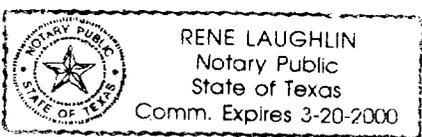
NAME: MARK GIEBEL TITLE: Manager
(PRINT/TYPE) (IF APPLICABLE)

~~Partnership CORPORATION~~ ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Midland)

The foregoing instrument was acknowledged before me this 8th day of December, 1999, by Mark Giebel.

[Signature: Rene Laughlin]
Notary Public



My commission expires:
3/20/2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29th day of November, 1999.

OWNER: Stephen D. McNall

BY: _____ DATE: November 29, 1999

NAME: STEPHEN D. McNALL TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

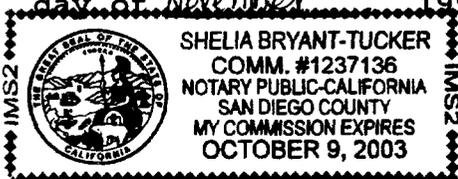
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF California)
) ss.
COUNTY OF San Diego)

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by STEPHEN D. McNALL.



[Signature]
Notary Public

My commission expires:
Oct 9, 2003

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 8th day of DECEMBER, 1999.

OWNER: _____
BY: William H. McNall DATE: 12/8/99
NAME: WILLIAM H. McNALL TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

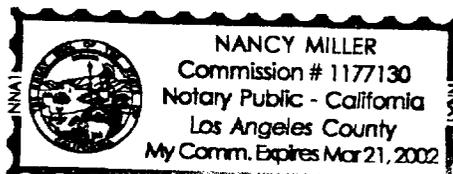
STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

The foregoing instrument was acknowledged before me this 8th day of December, 1999, by William H. McNall.

Nancy Miller
Nancy Miller
Notary Public

My commission expires:

March 21, 2002



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 6th day of December, 1999.

OWNER: Midland College Foundation by Chase Bank of Texas, Agent

BY: Diane M^s Elligott

DATE: December 6th, 1999

NAME: DIANE M^s ELLIGOTT
(PRINT/TYPE)

TITLE: Vice President and
(IF APPLICABLE) Trust Officer

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
COUNTY OF MIDLAND) ss.

The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Diane M^s Elligott, Vice President and Trust Officer of Chase Bank of Texas, N.A.

Mayra Wiggins
Notary Public



INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 29th day of November, 1999.

OWNER: MANOR PARK, INC.

BY: Alan Hale

DATE: 11-29-99

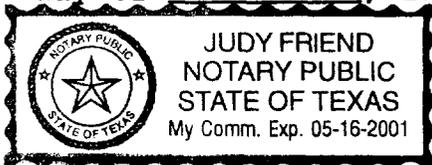
NAME: ALAN HALE
(PRINT/TYPE)

TITLE: Executive Director
(IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 29TH day of NOVEMBER, 1999, by ALAN HALE, EXECUTIVE DIRECTOR.



Judy Friend
Notary Public

My commission expires:
5/16/2001

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 9th day of December, 1999.

OWNER: Ward Investments, Ltd. Co.

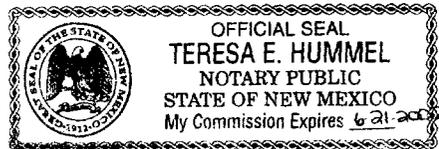
BY: *Sara W. Sims* DATE: December 8, 1999

NAME: Sara W. Sims TITLE: Managing Partner
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF NM)
) ss.
COUNTY OF Eddy)

The foregoing instrument was acknowledged before me this 9th day of Dec, 1999, by Sara W. Sims.



Teresa E. Hummel
Notary Public

My commission expires:
6-21-2002

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 2nd day of Dec., 1999.

OWNER: G HUBAM AHMAD
BY: [Signature] DATE: _____
NAME: G HUBAM AHMAD TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF New Jersey)
) ss.
COUNTY OF Monmouth)

The foregoing instrument was acknowledged before me this 2nd day of Dec., 1999, by Brenda Caswell.

Brenda Caswell
Notary Public

My commission expires:
BRENDA CASWELL
~~MY COMMISSION EXPIRES~~
04-08-2002

INDIVIDUAL ACKNOWLEDGMENT

STATE OF New Jersey)
) ss.
COUNTY OF Monmouth)

The foregoing instrument was acknowledged before me this 2nd day of Dec., 1999, by Brenda Caswell.

Brenda Caswell
Notary Public

My commission expires:
BRENDA CASWELL
~~MY COMMISSION EXPIRES~~
04-08-2002

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 9th day of December, 1999.

OWNER: Wayne Resler

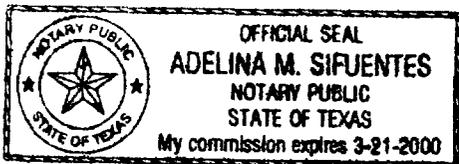
BY: _____ DATE: _____

NAME: WAYNE RESLER TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Eddy) ss.

The foregoing instrument was acknowledged before me this 9 day of Dec, 1999, by Wayne Resler.



[Signature]
Notary Public

My commission expires:

03-21-2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 6th day of December, 1999.

OWNER: Bonnie Resler Karlrud of Resler + Sheldon

BY: Bonnie Resler Karlrud DATE: 12/6/99

NAME: Bonnie Resler Karlrud TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

The foregoing instrument was acknowledged before me this 6 day of DEC, 1999, by BONNIE RESLER KARLRUD.

Rebecca Pedemonte
Notary Public

My commission expires:

My Commission Expires 2/5/00
Notary Public
12/6/99

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 6 day of Dec., 1999.

OWNER: Lettye Maye Page
BY: Lettye Maye Page DATE: Dec. 6, 1999
NAME: Lettye Maye Page TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

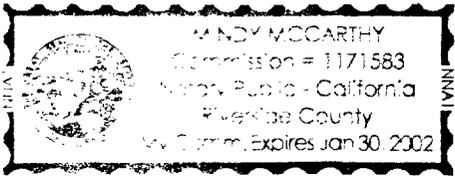
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Riverside } ss.

On Dec. 6, 1999, before me, Mindy McCarthy, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Lettye Maye Page
Name(s) of Signer(s)

personally known to me
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.
Mindy McCarthy
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

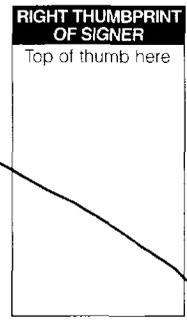
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 29th day of November, 1999.

OWNER: LIVING REVOCABLE TRUST WILLIAM & MARGARET COBB
BY: William Cobb DATE: 11/29/99
NAME: WILLIAM COBB TITLE: HUSBAND P/A
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF New Mexico)
COUNTY OF Grant) ss.

The foregoing instrument was acknowledged before me this 29th day of November, 1999, by William Cobb.

Chris L. Jackson
Notary Public

My commission expires:

June 18, 2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 14th day of December, 1999.

OWNER: Virginia Berry
BY: *Virginia Berry* DATE: December 14, 1999
NAME: Virginia Berry TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 1999, by _____.

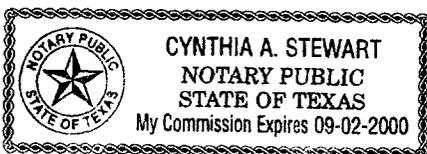
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF TOM GREEN)

The foregoing instrument was acknowledged before me this 14th day of December, 1999, by Virginia Berry.



Cynthia A. Stewart
Notary Public

My commission expires:

9-2-2000

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 14th day of December, 1999.

OWNER: Virginia B. Berry Marital Trust

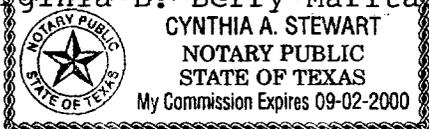
BY: Virginia B. Berry, Tr. DATE: December 14, 1999

NAME: Virginia B. Berry TITLE: Trustee
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF TOM GREEN)

The foregoing instrument was acknowledged before me this 14th day of December, 1999, by Virginia B. Berry, Trustee, for the ~~Virginia B. Berry Marital~~ Trust, on behalf of said Trust.



Cynthia A. Stewart
Notary Public

My commission expires:
9-2-2000

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this ____ day of _____, 1999.

OWNER: Francis Marks Travis Trust

BY: Francis Travis DATE: 12/13/99

NAME: FRANCES TRAVIS TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

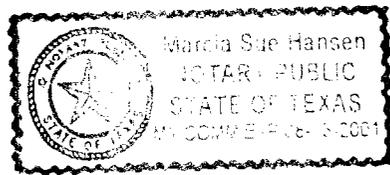
CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Aransas) ss.

The foregoing instrument was acknowledged before me this 13th day of December, 1999, by Francis Marks Travis Trust.

Marcia Sue Hansen
Notary Public

My commission expires:
8-13-2001



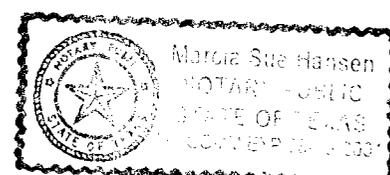
INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Aransas) ss.

The foregoing instrument was acknowledged before me this 13th day of December, 1999, by FRANCES TRAVIS.

Marcia Sue Hansen
Notary Public

My commission expires:
8-13-2001



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 6th day of December 1999.

OWNER: Elizabeth J Kennedy - Kennedy Living Trust

BY: _____ DATE: 12-6-99

NAME: ELIZABETH J KENNEDY TITLE: _____
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

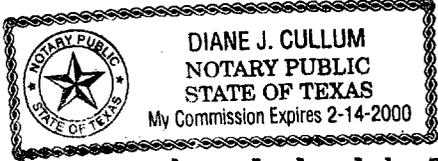
The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Hood)



The foregoing instrument was acknowledged before me this 6th day of December, 1999, by Elizabeth J Kennedy.

Diane J Cullum
Notary Public

My commission expires:
2-14-00

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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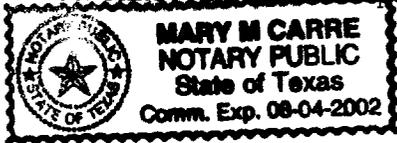
EXECUTED this 15th day of December, 1999.

OWNER: MARATHON OIL COMPANY
BY: W. L. Ransbottom DATE: December 15, 1999
NAME: W. L. Ransbottom TITLE: Land Manager
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 15th day of December, 1999, by W. L. Ransbottom as Land Manager of MARATHON OIL COMPANY, an Ohio corporation.



Mary M. Carre
Notary Public

My commission expires:
8/4/02

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 7th day of December, 1999.

OWNER: OXY USA Inc.

BY: *Gary C. Timmermann* DATE: December 7, 1999

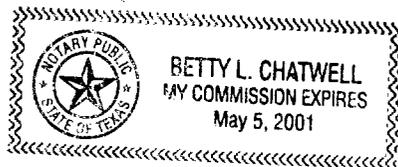
NAME: Gary C. Timmermann TITLE: Attorney-in-Fact
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 7 day of December, 1999, by Gary C. Timmermann.

Betty L. Chatwell
Notary Public



My commission expires:
05-05-01

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

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

EXECUTED this 9 day of Dec., 1999.

OWNER: [Signature] TOTAL RILL next page

BY: [Signature] DATE: Dec. 9/7/99

NAME: THEODORE O'CONNOR TITLE: PRESIDENT
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT X see next page

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
) ss.
COUNTY OF)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

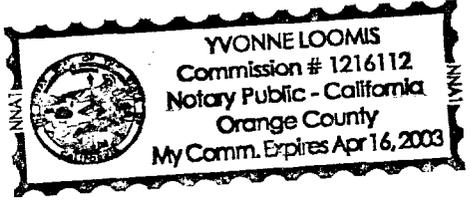
State of California

County of Orange } ss.

On December 9, 1999, before me, YVONNE LOOMIS,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared THEODORE O'CONNOR,
Name(s) of Signer(s)

personally known to me
 proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) (is) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Yvonne Loomis
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Ratification & Joinder of Unit Agree.

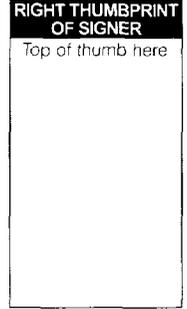
Document Date: 12/9/99 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

- Signer's Name: _____
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____



Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 1 day of December, 1999.

OWNER: R.L. TAYLOR #1071001

BY: [Signature] DATE: 12/11/99

NAME: BRAD KOLINC TITLE: Vice President
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Dallas) ss.

The foregoing instrument was acknowledged before me this 1st day of December 1999, by BRAD KOLINC.

[Signature]
Notary Public

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
COUNTY OF) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the original agreement.

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

EXECUTED this 1 day of DECEMBER, 1999.

OWNER: ESTELLE T. BOTE FIB/O RUTH W. TAYLOR^{TRUST} # 1071004

BY: [Signature] DATE: 12/1/99

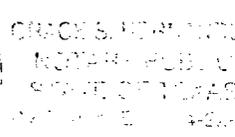
NAME: W. BRAD KOLINS TITLE: Vice President
(PRINT/TYPE) (IF APPLICABLE)

CORPORATION ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Dallas) ss.

The foregoing instrument was acknowledged before me this 1st day of December, 1999, by BRAD KOLINS.

[Signature]
Notary Public



My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF)
COUNTY OF) ss.

The foregoing instrument was acknowledged before me this ___ day of _____, 1999, by _____.

Notary Public

My commission expires:

Individual Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR NORTH SQUARE LAKE UNIT

In consideration of the execution of the Unit Agreement for the development and operation of the North Square Lake Unit Area, County of Eddy, State of New Mexico, dated February 4, 1999, in form approved on behalf of the Secretary of the Interior, the New Mexico Commission of Public Lands and the Oil Conservation Division of the State of New Mexico (Order No. R-11207), 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 the 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 of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 15th day of December, 1999.

OWNER: John W R Boyle Trust #1071005

BY: [Signature] DATE: 12/15/99

NAME: W. BRAD KOLINS TITLE: Vice President
(PRINT/TYPE) (IF APPLICABLE)

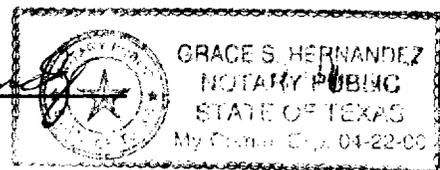
CORPORATION ACKNOWLEDGMENT

[Signature]
John W R Boyle, Co-Trustee

STATE OF TEXAS)
) ss.
COUNTY OF DALLAS)

The foregoing instrument was acknowledged before me this 15 day of December, 1999, by BRAD KOLINS.

[Signature]
Notary Public

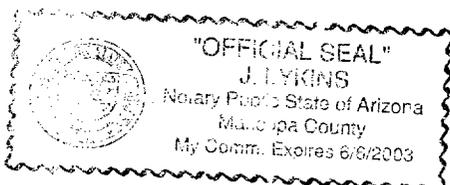


My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

The foregoing instrument was acknowledged before me this 17th day of DECEMBER, 1999, by John W. R. Boyle.



[Signature]
Notary Public

My commission expires:

6/6/2003