

WORKING INTEREST OWNERS
RATIFICATIONS AND JOINDERS

EUNICE MONUMENT SOUTH
SECONDARY RECOVERY UNIT

LEA COUNTY, NEW MEXICO

EXHIBIT NO. 12
Case No. 8397
November 7, 1984

Corporate Royalty Joinder

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated , 19 , in form approved on behalf of the Secretary of the Interior and the State of New Mexico, 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 August , 19 84 .

EL PASO NATURAL GAS COMPANY
AS LESSEE OF RECORD ONLY*

By *D. N. Canfield*
Attorney-in-Fact
D. N. Canfield

Address: P.O. Box 1492

 El Paso, Texas 79978

* El Paso Natural Gas Company hereby executes this Ratification and Joinder for the sole purpose of allowing the formation of a secondary recovery unit for oil production. El Paso Natural Gas Company owns no interest in oil rights and is signing as Lessee of Record only.

THE STATE OF TEXAS §

COUNTY OF EL PASO §

The foregoing instrument was acknowledged before me this 1 day of August , 19 84 , by D. N. Canfield ,
 Attorney-in-Fact , for/of EL PASO, NATURAL GAS COMPANY AS LESSEE ,
 OF RECORD ONLY , a Delaware corporation, on behalf of said corporation.

My Commission Expires:

 MARY E. ASHLEY

Notary Public in and for STATE of TEXAS
My Commission Expires 07-23-88

Mary E. Ashley

(3) This Agreement and/or the Unit Operating Agreement shall be amended in any and all respects necessary to conform to the Division's order approving statutory unitization.

Any and all amendments of this Agreement and/or the Unit Operating Agreement that are necessary to conform said agreements to the Division's order approving statutory unitization shall be deemed to be hereby approved in writing by the parties hereto without any necessity for further approval by said parties, except as follows:

(a) If any amendment of this Agreement has the effect of reducing any Royalty Owner's participation in the production of Unitized Substances, such Royalty Owner shall not be deemed to have hereby approved the amended agreement without the necessity of further approval in writing by said Royalty Owner; and

(b) If any amendment of this Agreement and/or the Unit Operating Agreement has the effect of reducing any Working Interest Owner's participation in the production of Unitized Substances or increasing such Working Interest Owner's share of Unit Expense, such Working Interest Owner shall not be deemed to have hereby approved the amended agreements without the necessity of further approval in writing by said Working Interest Owner.

Executed as of the day and year first above written.

GULF OIL CORPORATION *KLB*

By 

Attorney-in-Fact

Date of Execution:

June 22, 1984

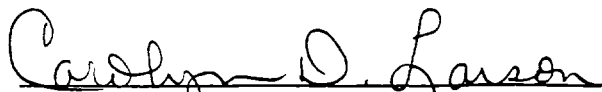
THE STATE OF TEXAS §

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this
22nd day of June, 1984, by L. A. Turner
Attorney-in-Fact, for/of Gulf Oil Corporation
a Pennsylvania
corporation, on behalf of said corporation.

My Commission Expires:

7-30-88



injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Unit Operator's interpretation or application of rules, rulings, regulations or orders of any governmental agency or predecessor agencies to the extent Unit Operator's interpretation or application of such rules, rulings, regulations or orders were made in good faith. Working Interest Owners further agree to reimburse Unit Operator for their proportionate share of any amounts Unit Operator may be required to refund, rebate or pay as a result of an incorrect interpretation or application of the above noted rules, rulings, regulations or orders, together with their proportionate part of interest and penalties owing by Unit Operator as a result of such incorrect interpretation or application of such rules, rulings, regulations or orders.

ARTICLE 24

COUNTERPART EXECUTION

24.1 Counterpart Execution. This Agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties and may be ratified or consented to by separate instrument in writing specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the land within the above described Unit Area. Furthermore, this Agreement shall extend to and be binding on the parties hereto, their successors, heirs and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement upon the respective dates indicated opposite their respective signatures.

GULF OIL CORPORATION *KW*

By



Attorney-in-Fact

Date of Execution:

June 22, 1984

THE STATE OF TEXAS §

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 22nd
day of June, 19 84, by L. A. Turner,
Attorney-in-Fact, for/of Gulf Oil Corporation
Pennsylvania, a Pennsylvania corporation, on
behalf of said corporation.

My Commission Expires:

7-30-88

Carolyn D. Larson

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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 any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 26th day of October, 19 84.
This Ratification and Joinder does not include any warranty of title, express or implied, to the said interests of the Undersigned except that the Undersigned does warrant title by, through and under the Undersigned only.

ATLANTIC RICHFIELD COMPANY
By C. E. Cardwell Jr.
Title: ATTORNEY-IN-FACT
Address: P. O. Box 1610
Midland, Texas 79702

AH UK R
RTB, Sen

THE STATE OF Texas §
COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 26th day of October, 19 84, by C. E. Cardwell, Jr. Attorney-in-Fact, for/of ATLANTIC RICHFIELD COMPANY, a Pennsylvania corporation, on behalf of said corporation.

My Commission Expires:

2-23-85
Kathryn Mandeville Kathryn Mandeville
A Notary Public in the State of Texas
County of Midland

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior; and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 29th day of October, 1984.

CHEVRON U.S.A. INC.

By B. M. Wood
 Title ASSISTANT SECRETARY

Address: P. O. Box 1660
Midland, Texas 79702

THE STATE OF Colorado §
 COUNTY OF Apache §

The foregoing instrument was acknowledged before me this 29th day of October, 1984, by B. M. Wood, Assistant Secretary, for/of CHEVRON U.S.A. INC., a California corporation, on behalf of said corporation.

My Commission Expires:

My commission expires August 30, 1987.

Nancy A. Shaw
 A Notary Public in the State of C
 County of Apache

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this _____ day of _____, 19____.

CONOCO, INC.

By J. C. Curry
 Title: Attorney-in-fact
 Address: P. O. Box 460
Hobbs, New Mexico 88240

THE STATE OF TEXAS §
 COUNTY OF HARRIS §

The foregoing instrument was acknowledged before me this 25th day of September, 19 84, by J. C. CURRY, Attorney-in-fact, for/of CONOCO, INC., a Delaware corporation, on behalf of said corporation.

My Commission Expires:

BARBARA J. SIGLER

Notary Public in and for the State of Texas
 My Commission Expires February 19, 1985

Barbara J. Sigler
 A Notary Public in the State of _____
 County of _____

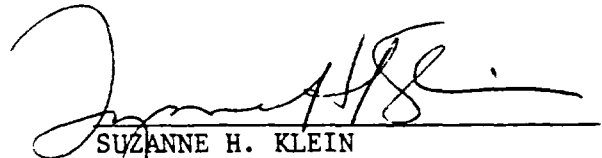
RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 6th day of July, 19 84.


 SUZANNE H. KLEIN

Address: 1980 South Post Oak

Suite 1075

Houston, Texas 77056

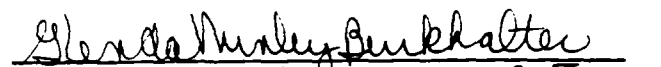
THE STATE OF Texas §

COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 6th day of July, 19 84, by SUZANNE H. KLEIN.

My Commission Expires:

12/22/85


 A Notary Public in the State of Texas
 County of Harris.
 Glenda Nunley Burkhalter

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 10th day of September, 1984.

AMOCO PRODUCTION COMPANY (USA)

By J.R. Barnett
 Title: Attorney-in-Fact



Address: P. O. Box 3092
Houston, Texas 77253

THE STATE OF Texas §
 COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 10th day of Sept., 1984, by J.R. Barnett, for/of AMOCO PRODUCTION COMPANY (USA) Attorney-in-Fact, a Delaware corporation, on behalf of said corporation.

My Commission Expires: 11-17-84

Andy S. S. S.
 A Notary Public in the State of Texas
 County of Harris

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 3rd day of October, 1984.

GETTY OIL COMPANY

By M. E. Robinson
 Title: Agent M. E. Robinson

Address: P. O. Box 1231
Midland, Texas 79702

THE STATE OF OKLAHOMA §
 COUNTY OF TULSA §

The foregoing instrument was acknowledged before me this 3rd day of October, 19 84, by M. E. ROBINSON
AGENT, for/of GETTY OIL COMPANY
Delaware corporation, on behalf of said corporation.

My Commission Expires:

June 28, 1985

Hester A. Romine
 A Notary Public in the State of Oklahoma,
 County of Tulsa.

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 5th day of September, 19 84.

AMERADA HESS CORPORATION

ATTEST

J. D. Driscoll
 Assistant Secretary J. D. DRISCOLL

By

J. R. Enloe, Vice President

Address: P. O. Box 2040

Tulsa, Oklahoma 74102

THE STATE OF OKLAHOMA §

COUNTY OF TULSA §

The foregoing instrument was acknowledged before me this 5th day of September, 19 84, by J. R. ENLOE, for/of AMERADA HESS CORPORATION, a Delaware corporation, on behalf of said corporation.

My Commission Expires:

June 25, 1988

Branda S. Howlin
 A Notary Public in the State of Oklahoma,
 County of Tulsa

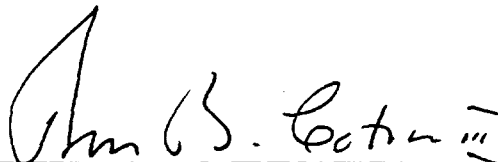
RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 17th day of October, 1984.



THOMAS B. CATRON III, as trustee of Trust U/A Thomas B. Catron IV, Trust U/W J. B. Catron and Trust U/W Sue Catron Bergere as to the shares of the working interest owned by said trusts in Tract Nos. 44, 45, 46, 47 and 48 set forth in Exhibit "B" to the Unit Agreement.

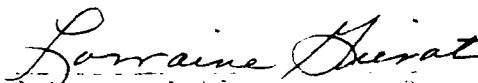
STATE OF NEW MEXICO §

CITY OF SANTA FE §

The foregoing instrument was acknowledged before me this 17th day of October, 1984, by Thomas B. Catron III

Notary Public:

10-29-84


Lorraine Dierat
Notary Public
County of Santa Fe

N.M.

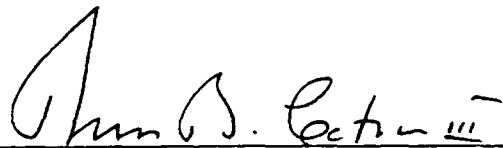
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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 17th day of October, 19 84.



THOMAS B. CATRON III, as to his individual share of the working interest in Tract Nos. 44, 45, 46, 47 and 48 set forth in Exhibit "B" to the Unit Agreement.


THE STATE OF NEW MEXICO §

COUNTY OF SANTA FE §

The foregoing instrument was acknowledged before me this 17th day of October, 19 84, by Thomas B. Catron III

My Commission Expires:

10-29-84


A Notary Public in the State of N.M.
County of Santa Fe

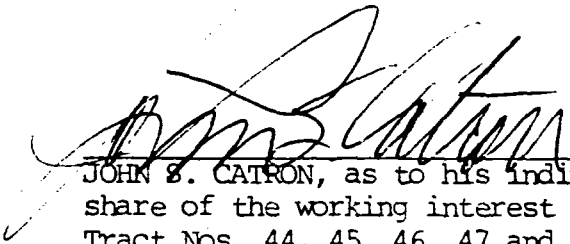
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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 17th day of October, 19 84.


 JOHN S. CATRON, as to his individual share of the working interest in Tract Nos. 44, 45, 46, 47 and 48 set forth in Exhibit "B" to the Unit Agreement.

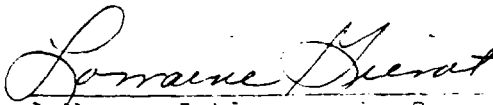
THE STATE OF NEW MEXICO §

COUNTY OF SANTA FE §

The foregoing instrument was acknowledged before me this 17th day of October, 19 84, by John S. Catron

My Commission Expires:

10-29-84


 Lorraine Sherat
 A Notary Public in the State of N.M.
 County of Santa Fe

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 2nd day of July, 1984.

ESTATE OF HERMAN R. CRILE, SR. *now*
Herman R. Crile, Sr. Trusts

By E. Bernard Johnston, Trustee
Title:

Address: c/o Mr. Bernard Johnston

P. O. Box 880

Roswell, New Mexico 88201

THE STATE OF New Mexico §
COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 2nd
day of July, 1984, by BERNARD JOHNSTON
for/of ESTATE OF HERMAN R. CRILE, SR.

My Commission Expires:

August 13, 1985

Rebecca E. Wilson
A Notary Public in the State of N.M.
County of Chaves

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.


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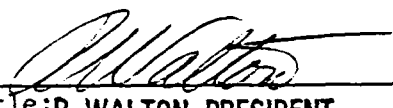

| This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 6th day of July, 1984.

KOCH EXPLORATION COMPANY

ATTEST

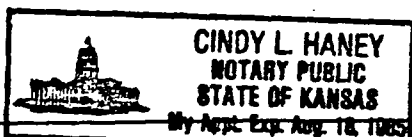

H. V. WHISNAND, ASSISTANT SECY

By  
Title: R. WALTON, PRESIDENT
Address: P. O. Box 2256
Wichita, KS 67201

THE STATE OF Kansas §
COUNTY OF Sedgwick §

The foregoing instrument was acknowledged before me this 6th day of July, 1984, by R. Walton as President, for/of KOCH EXPLORATION COMPANY, a Kansas corporation, on behalf of said corporation.

My Commission Expires:



8-18-85

Cindy L. Haney
A Notary Public in the State of _____,
County of _____.

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

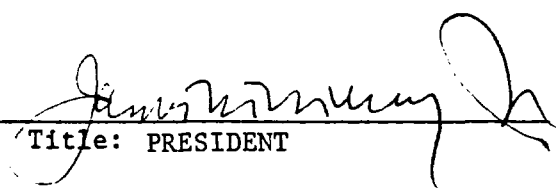
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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 24th day of OCTOBER, 19 84.

ME-TEX ~~COMPANIES~~ SUPPLY COMPANY

By 
 Title: PRESIDENT

Address: P. O. Box ~~3373x~~ 2070

Hobbs, New Mexico 88240

THE STATE OF NEW MEXICO S

COUNTY OF LEA S

The foregoing instrument was acknowledged before me this 24th day of OCTOBER, 19 84, by JAMES M. MURRAY, JR. PRESIDENT, for/of ME-TEX ~~COMPANIES~~ SUPPLY COMPANY, a NEW MEXICO corporation, on behalf of said corporation.

My Commission Expires:

SEPTEMBER 30, 1986

Mary Alice Mason
 A Notary Public in the State of NM
 County of LEA

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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 any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 22 day of Oct, 19 84.

FIRST NATIONAL BANK, TRUSTEE
 U/W OF WILLIAM E. PERDEW

By Steven C. Woods
 STEVEN C. WOODS, Vice President
 and Trust Officer, FIRST NATIONAL
 BANK

Address: 105 North Main
Wichita, Kansas 67202

THE STATE OF §

COUNTY OF §

The foregoing instrument was acknowledged before me this 22nd day of October, 19 84, by STEVEN C. WOODS, Vice President and Trust Officer, for/of FIRST NATIONAL BANK, Trustee U/W of WILLIAM E. PERDEW, a _____ corporation, on behalf of said corporation.

My Commission Expires:

Janette Wells
 A Notary Public in the State of KS
 County of Logan

5/30/88

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 19th day of Oct., 1984.

Carl R. Pfluger
 CARL R. PFLUGER

Address: Box S
Eden, Texas 76837

THE STATE OF TEXAS S
 COUNTY OF CONCHO S

The foregoing instrument was acknowledged before me this 19th
 day of Oct., 1984, by CARL R. PFLUGER

My Commission Expires:

10/31/88

Douglas M. Harris
 A Notary Public in the State of TEXAS
 County of CONCHO

DOUGLAS M. HARRIS

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 25th day of OCTOBER, 1984.

SHELL WESTERN E & P INC.

By R. L. Goode
 Title: R. L. GOODE, ATTORNEY-IN-FACT

Address: P. O. Box 991
Houston, Texas 77001

THE STATE OF Texas §
 COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 25th day of OCTOBER, 1984, by R. L. GOODE, ATTORNEY-IN-FACT, for/of SHELL WESTERN E & P INC., a Delaware corporation, on behalf of said corporation.

My Commission Expires:

ELAINE P. BARNES
 Notary Public in and for the State of Texas
 My Commission Expires May 17, 1986

Elaine P Barnes
 A Notary Public in the State of Texas
 County of Harris

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 6th day of August, 19 84.

S & S ENGINEERING

By B.A. Strickling, Jr.
 Title: owner

Address: P. O. Box 8923
Midland, Texas 79708

THE STATE OF TEXAS §
 COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 6th day of August, 19 84, by B.A. Strickling, Jr., for/of S & S ENGINEERING, a _____ corporation, on behalf of said corporation.

My Commission Expires:

4/29/86

Glenda Hocutt
 A Notary Public in the State of Texas
 County of Midland.

Glenda Hocutt

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT


In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 7th day of September, 19 84.

THE WISER OIL COMPANY

By 
 Title: President
 Address: P. O. Box 192

Sistersville, West Virginia 26175

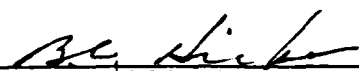
THE STATE OF WEST VIRGINIA §

COUNTY OF TYLER §

The foregoing instrument was acknowledged before me this 7th day of September, 19 84, by John C. Wright President, for/of THE WISER OIL COMPANY, a Delaware corporation, on behalf of said corporation.

My Commission Expires:

July 16, 1985


 A Notary Public in the State of WV,
 County of Tyler.

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement, Eunice Monument South Unit Area, County of Lea, State of New Mexico, dated June 22, 1984, the undersigned working interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 2nd day of OCTOBER, 19 84.

SUN EXPLORATION AND PRODUCTION COMPANY

By E. O. Taulbee
 Title: ATTORNEY-IN-FACT
 Address: NORTH PARK IV
P. O. Box 2880
Dallas, Texas 75221-2880

THE STATE OF TEXAS §
 COUNTY OF DALLAS §

The foregoing instrument was acknowledged before me this 2nd day of OCTOBER, 19 84, by E. O. Taulbee Attorney-in-Fact, for/of SUN EXPLORATION AND PRODUCTION COMPANY, a corporation, on behalf of said corporation.

My Commission Expires:

7/21/86

Barbara L. Hayden
 A Notary Public in the State of Texas,
 County of Dallas